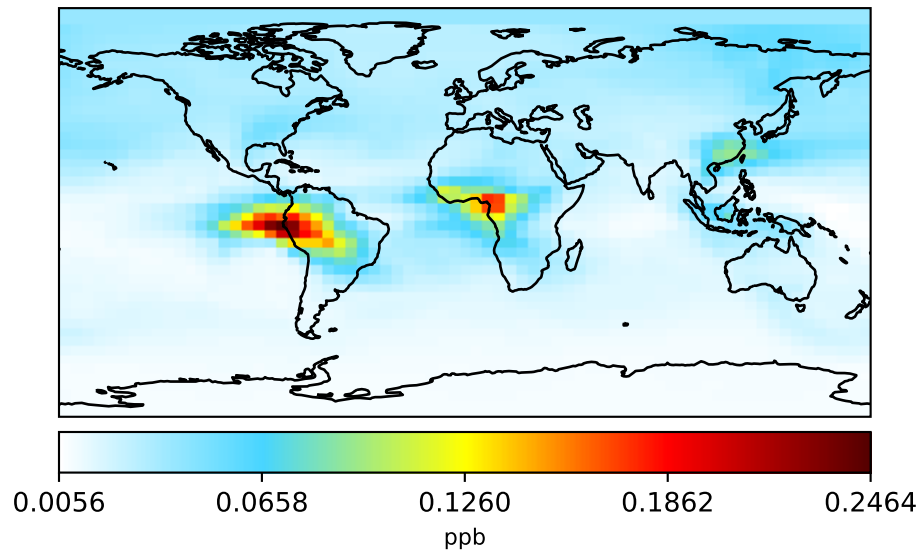
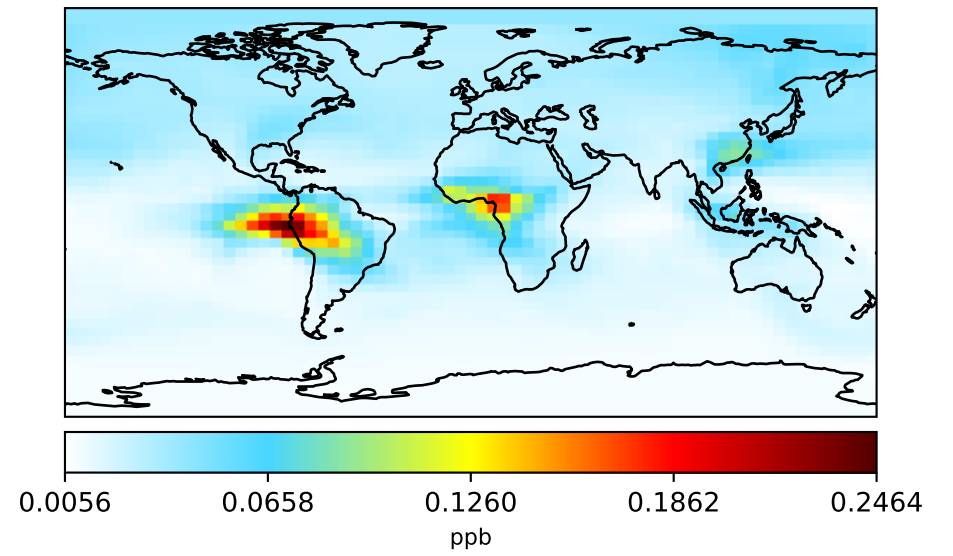


# SpeciesConcVV\_ACTA (Apr2019)

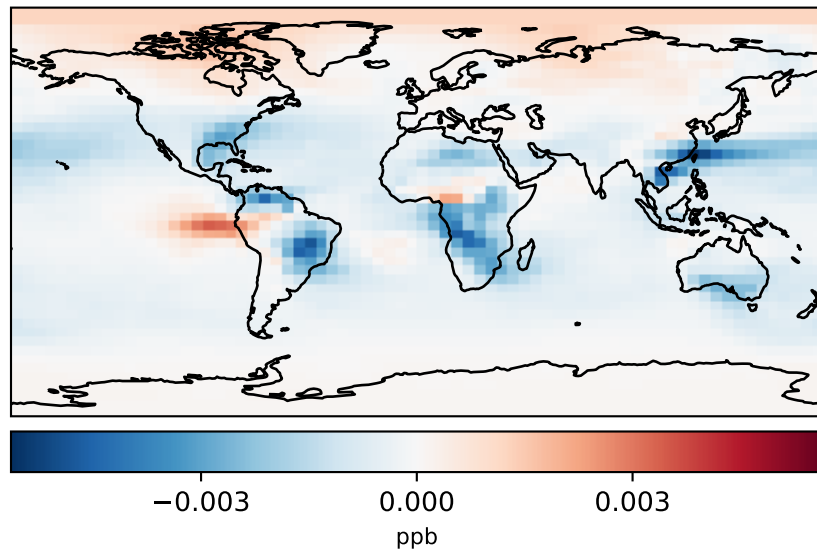
gcc-14.3.0-rc.0 (Ref)  
4.0x5.0



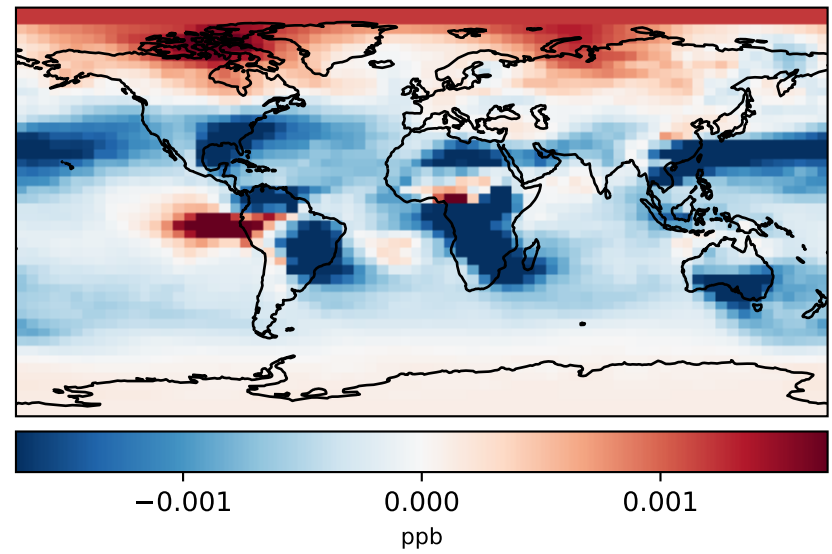
gcc-14.4.0-rc.0 (Dev)  
4.0x5.0



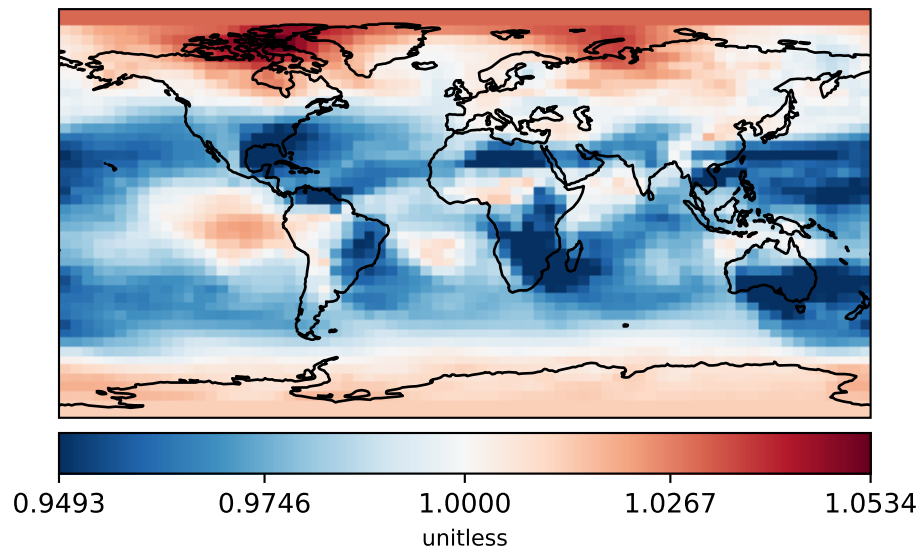
Difference  
Dev - Ref, Dynamic Range



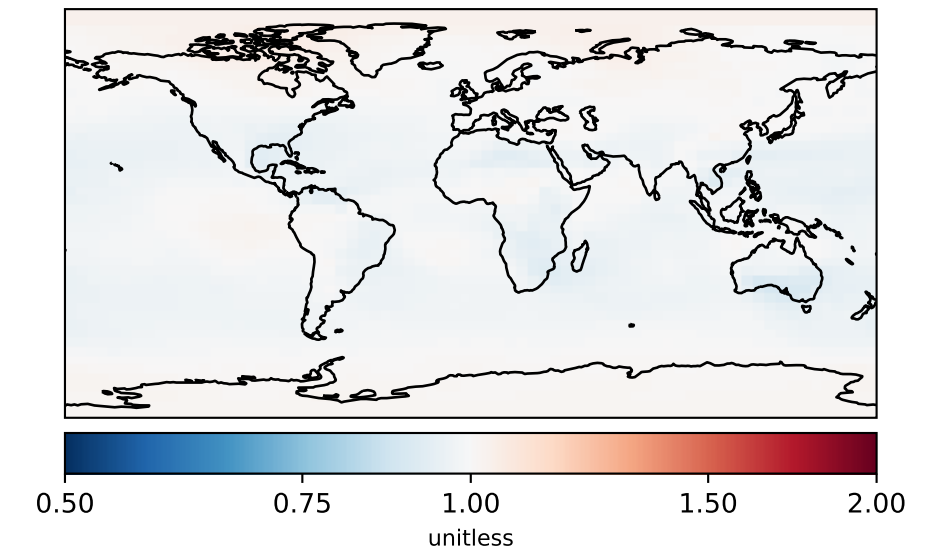
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

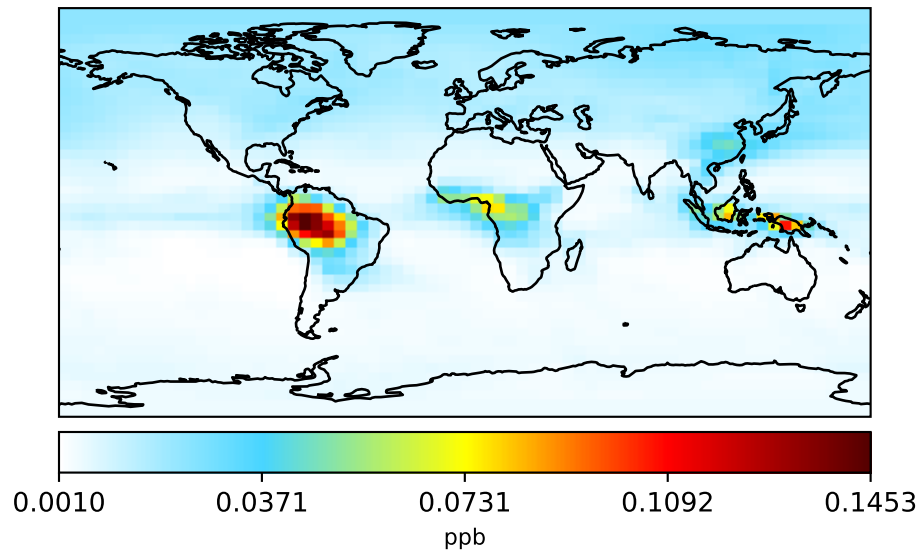


Ratio  
Dev/Ref, Fixed Range

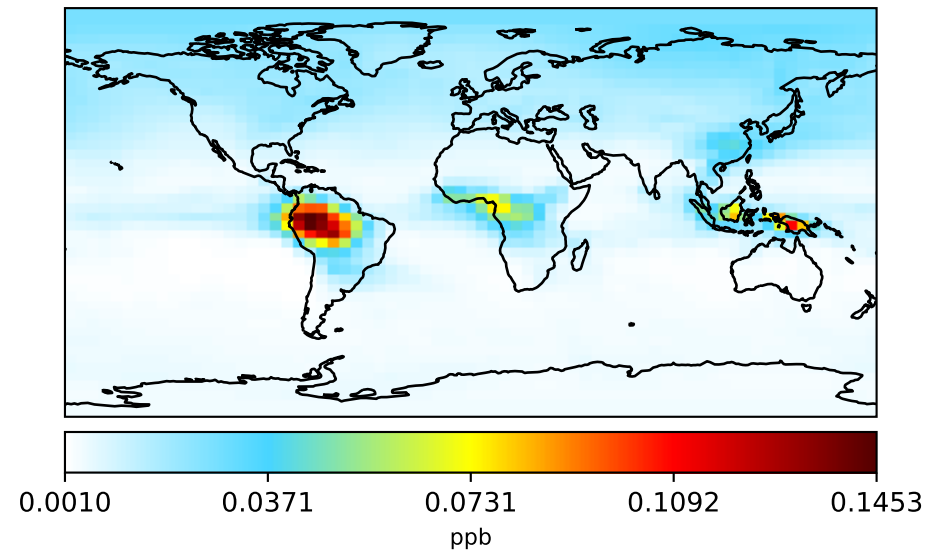


# SpeciesConcVW\_ALD2 (Apr2019)

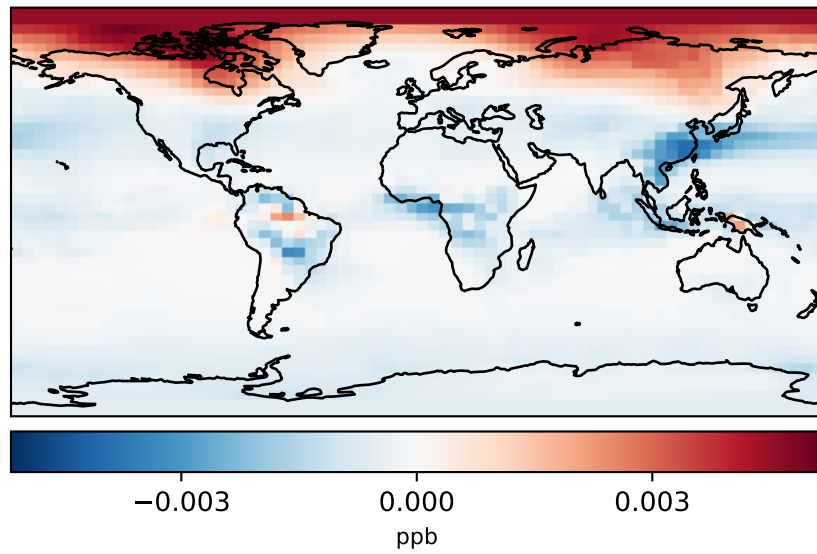
gcc-14.3.0-rc.0 (Ref)  
4.0x5.0



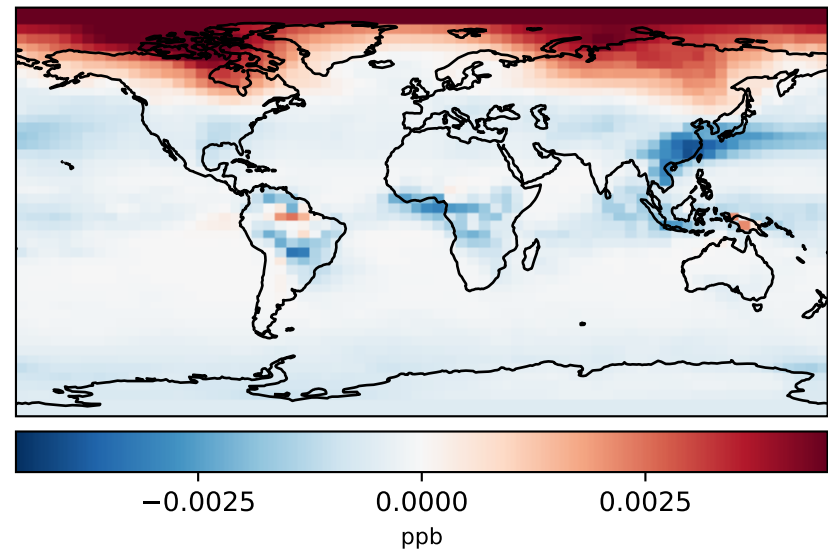
gcc-14.4.0-rc.0 (Dev)  
4.0x5.0



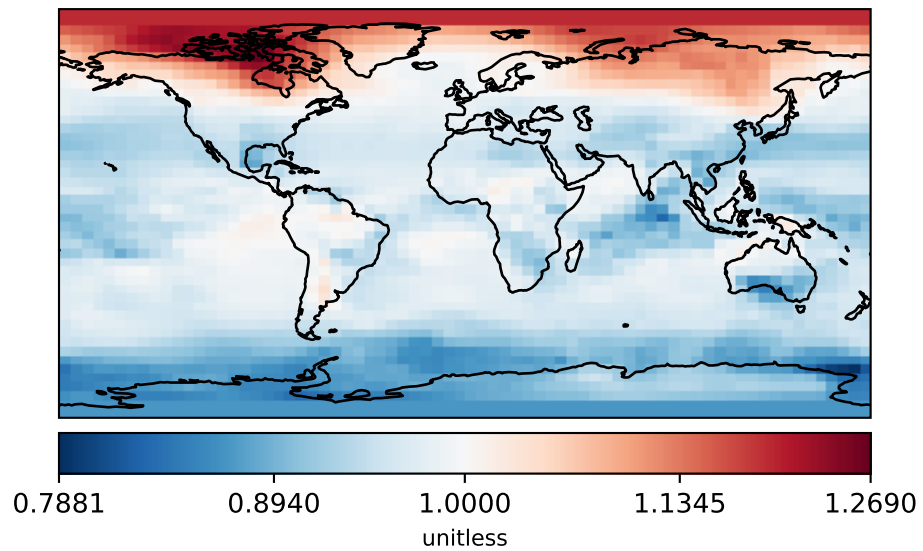
Difference  
Dev - Ref, Dynamic Range



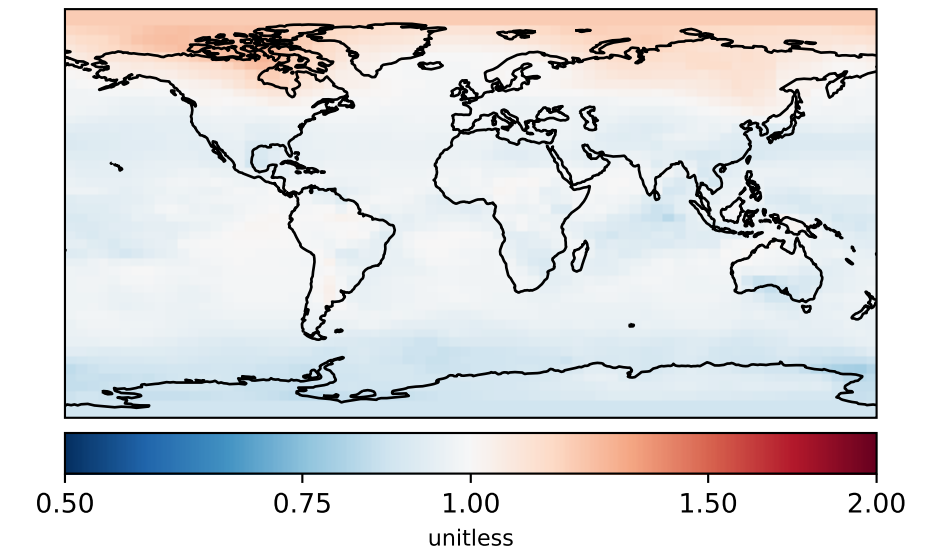
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

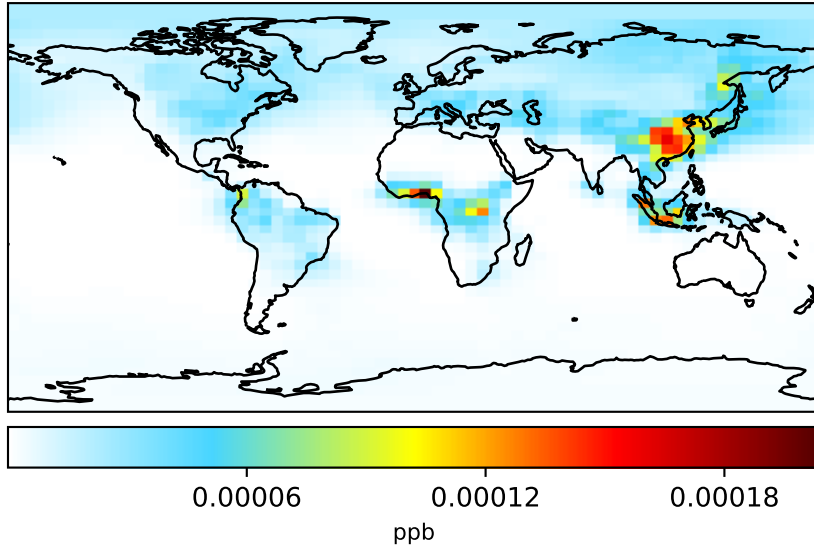


Ratio  
Dev/Ref, Fixed Range

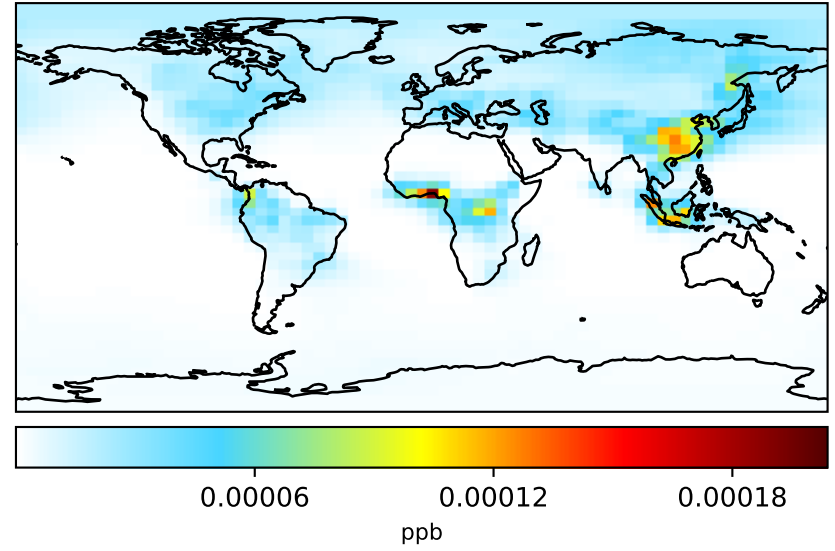


# SpeciesConcVV\_BALD (Apr2019)

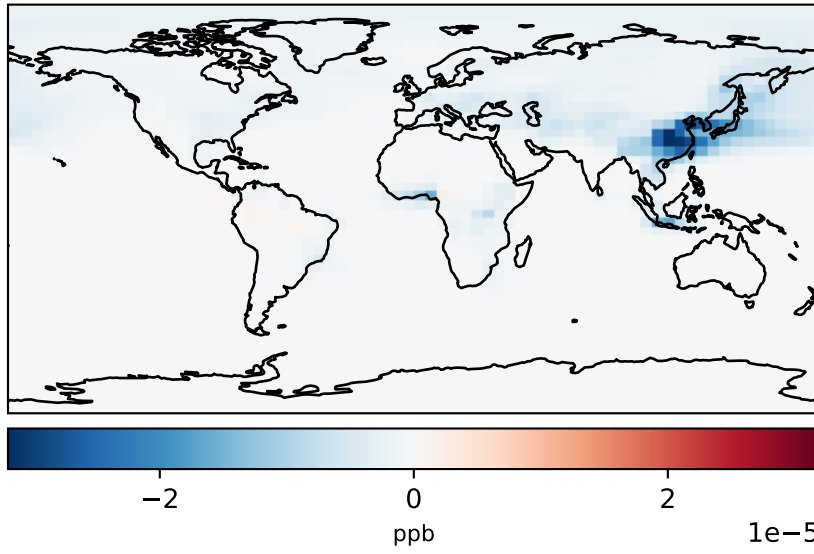
gcc-14.3.0-rc.0 (Ref)  
4.0x5.0



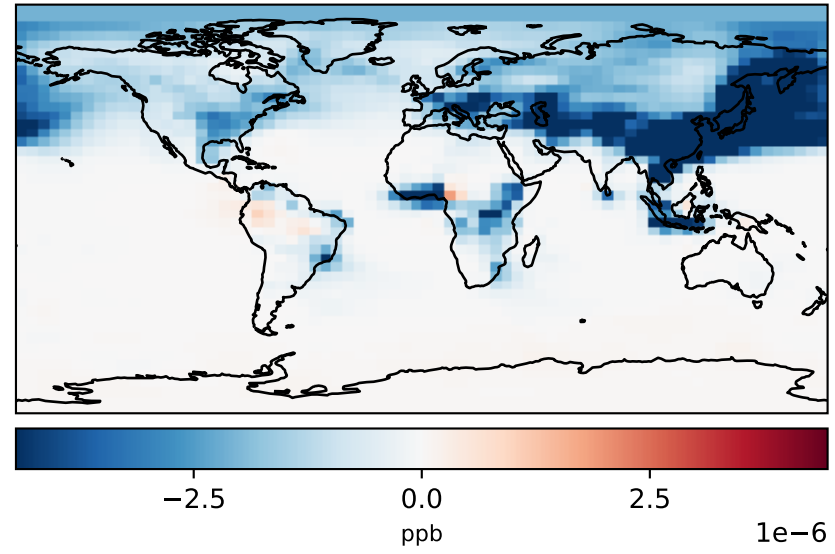
gcc-14.4.0-rc.0 (Dev)  
4.0x5.0



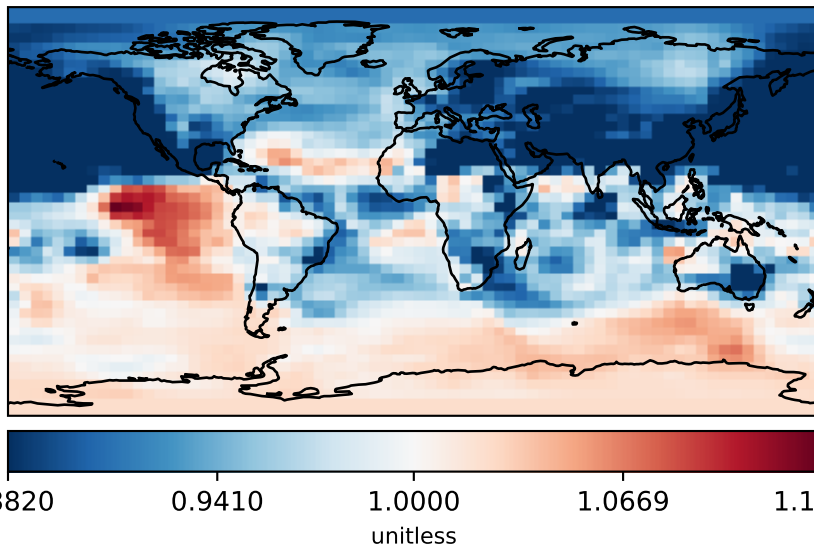
Difference  
Dev - Ref, Dynamic Range



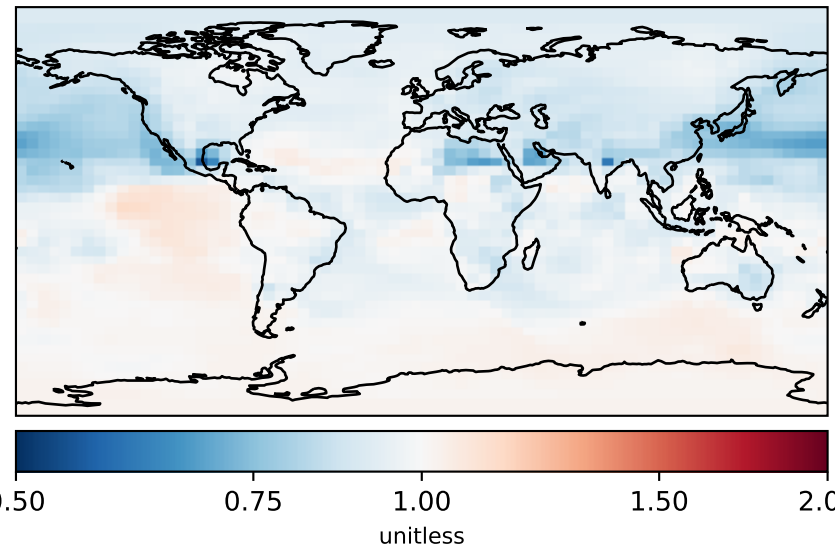
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

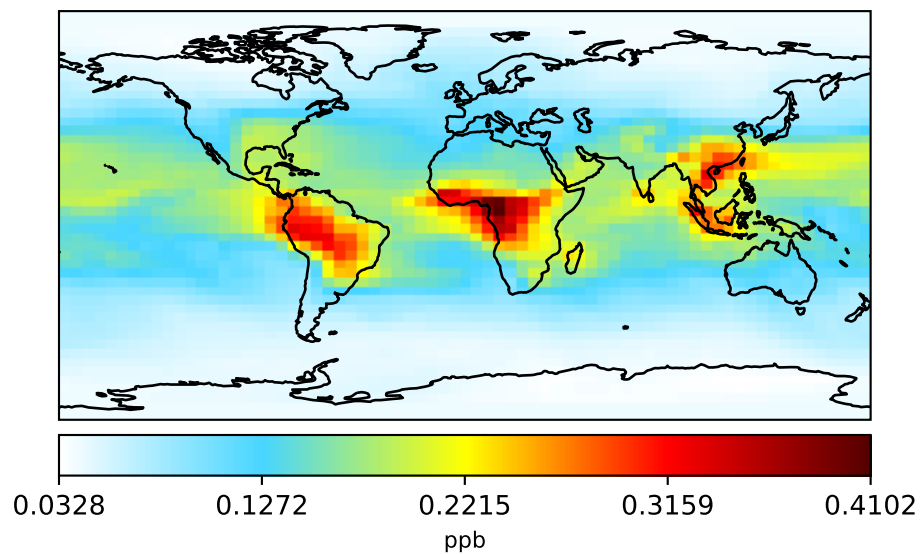


Ratio  
Dev/Ref, Fixed Range

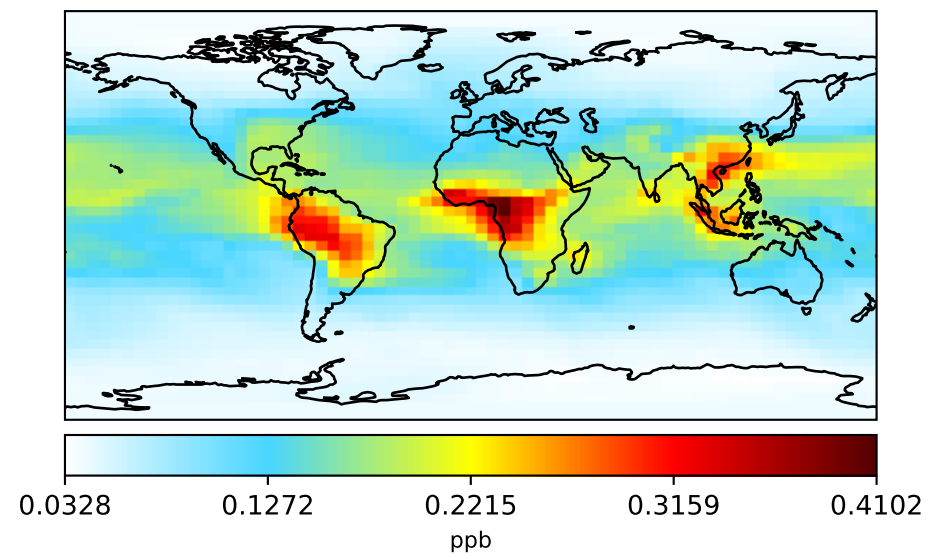


# SpeciesConcVV\_CH2O (Apr2019)

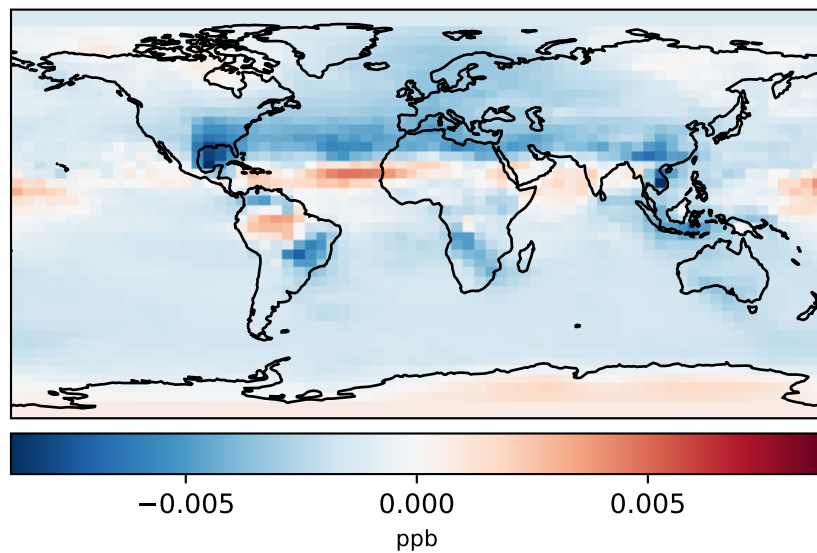
gcc-14.3.0-rc.0 (Ref)  
4.0x5.0



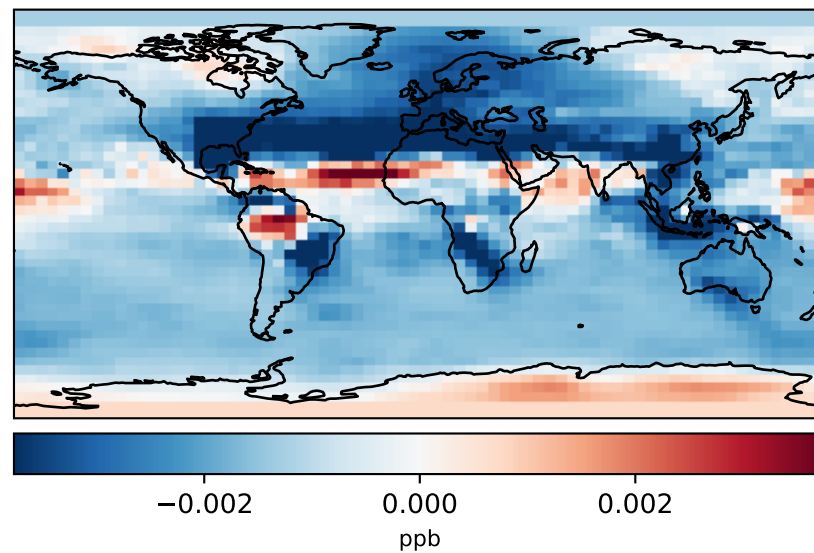
gcc-14.4.0-rc.0 (Dev)  
4.0x5.0



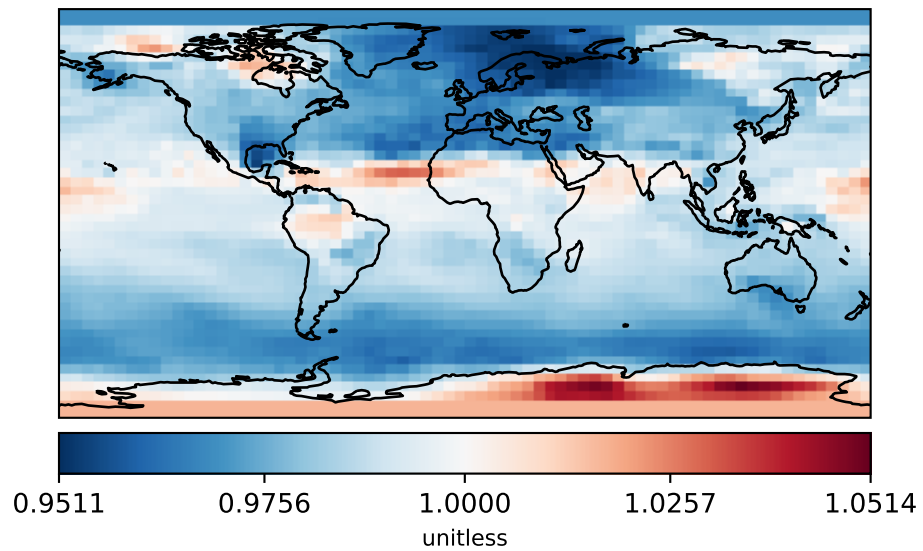
Difference  
Dev - Ref, Dynamic Range



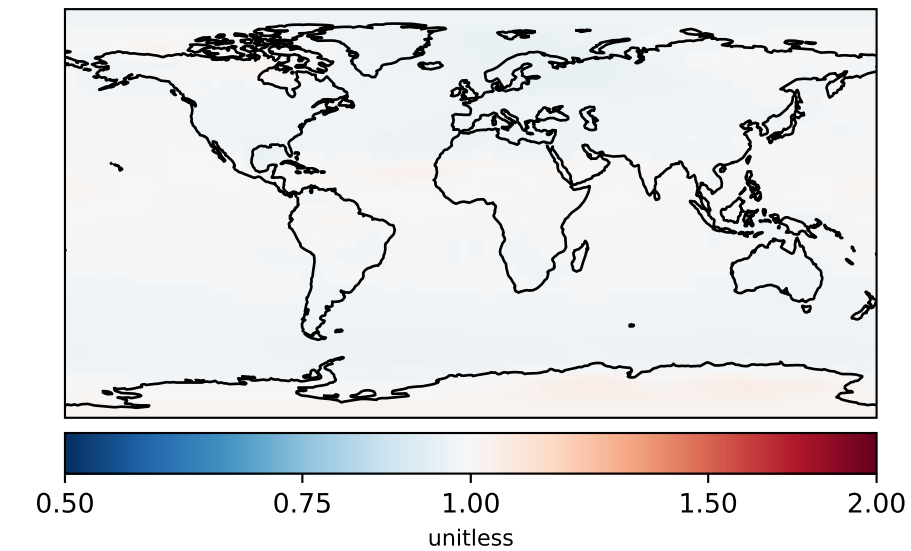
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



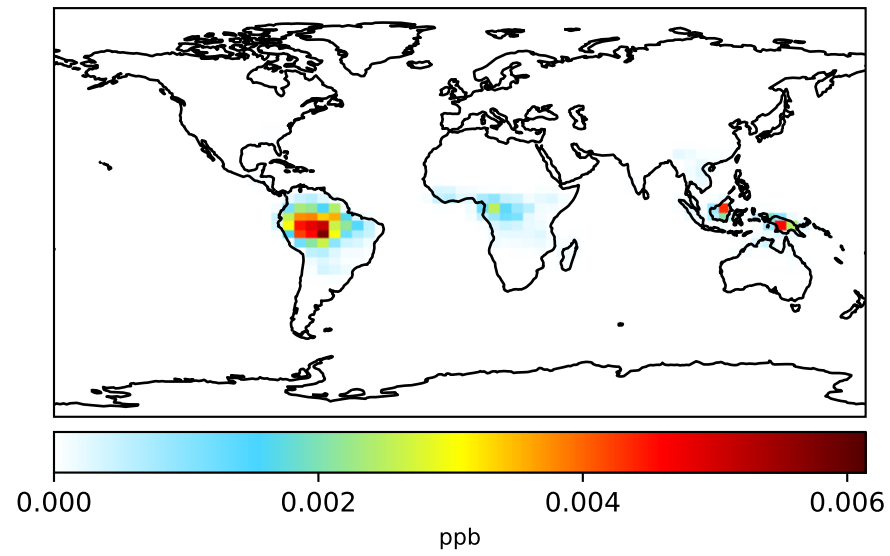
Ratio  
Dev/Ref, Fixed Range



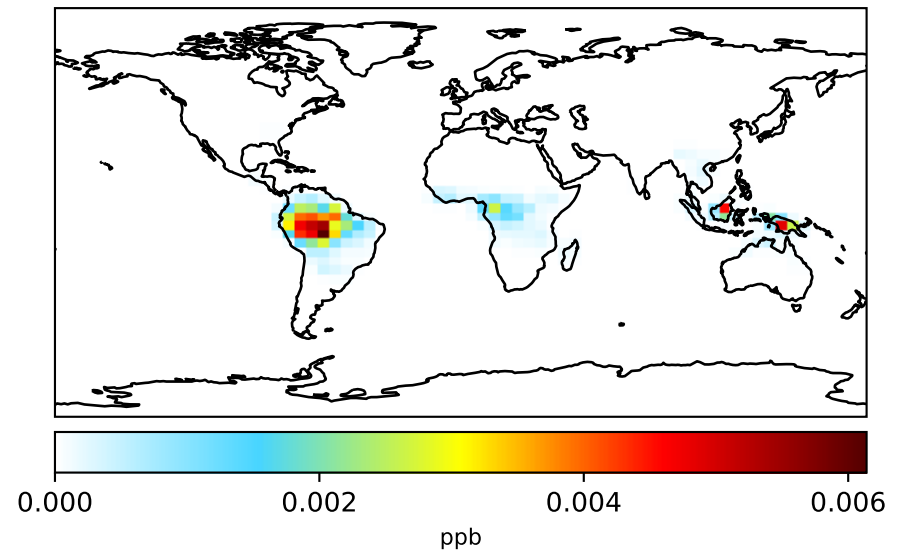


# SpeciesConcVV\_HPALDs (Apr2019)

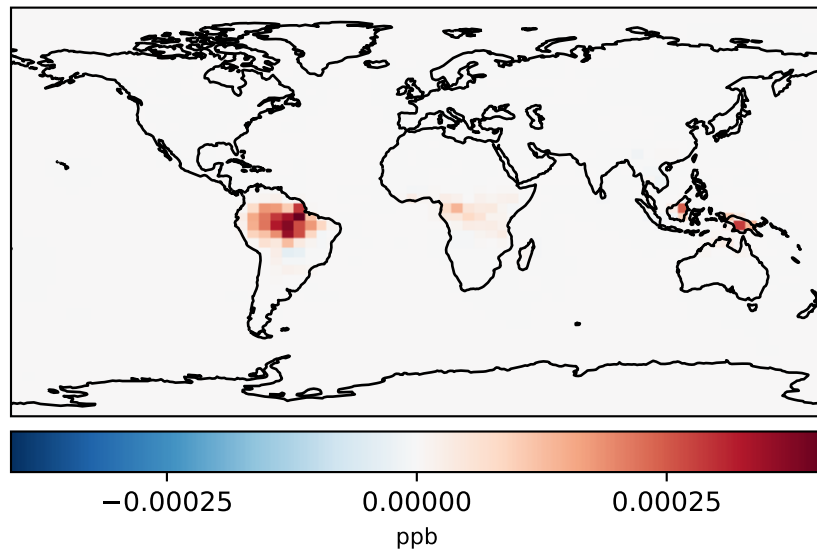
gcc-14.3.0-rc.0 (Ref)  
4.0x5.0



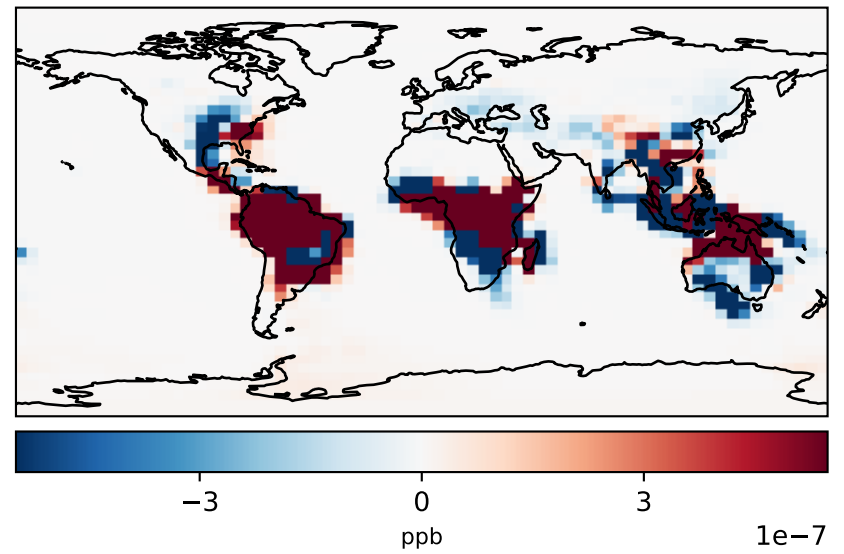
gcc-14.4.0-rc.0 (Dev)  
4.0x5.0



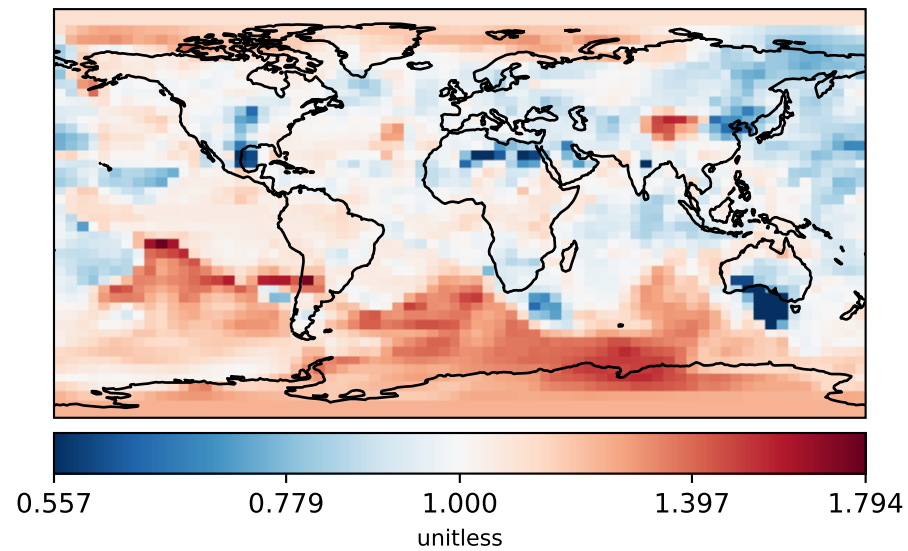
Difference  
Dev - Ref, Dynamic Range



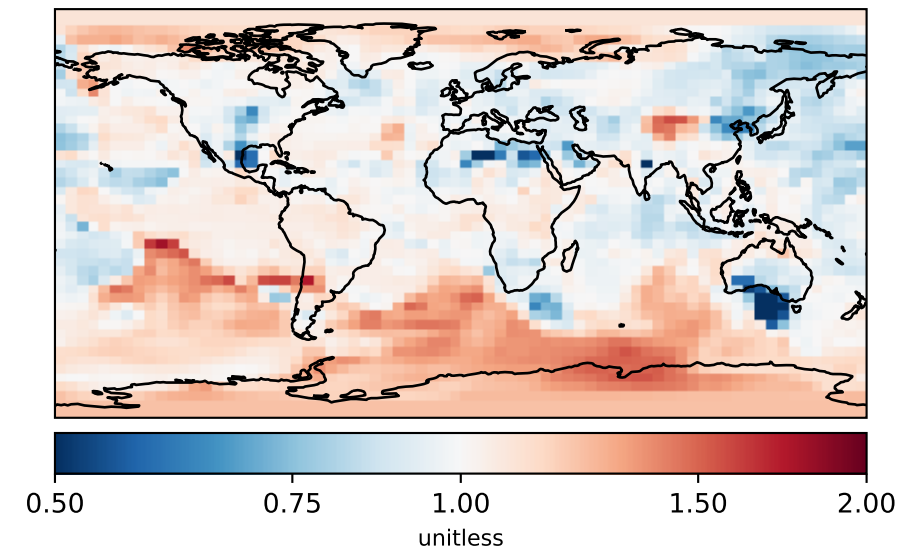
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

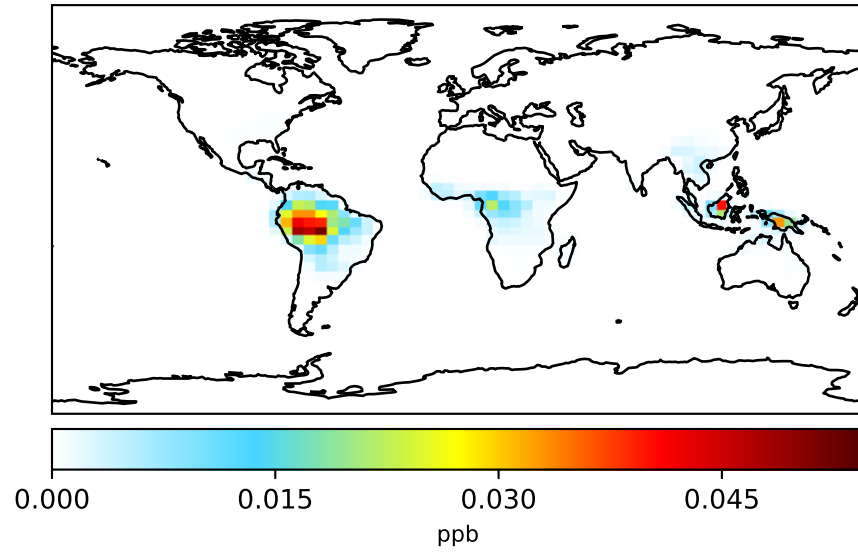


Ratio  
Dev/Ref, Fixed Range

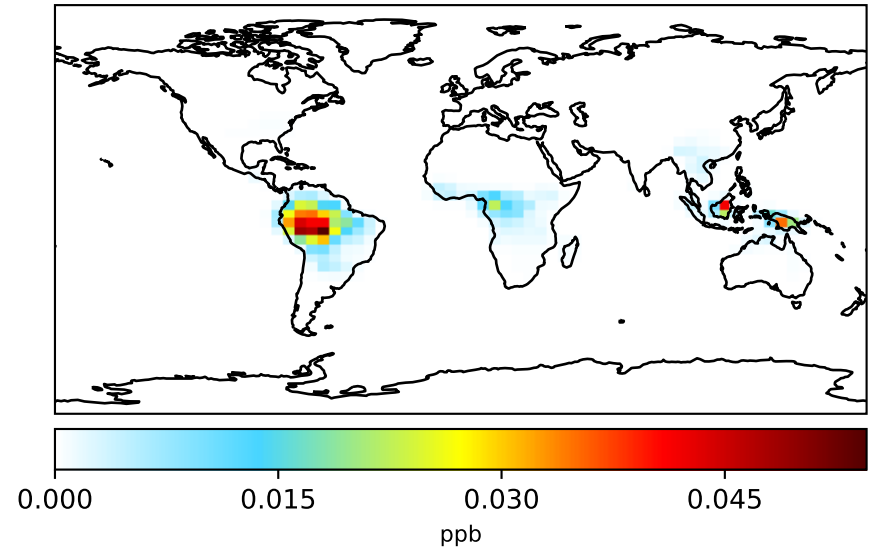


# SpeciesConcVV\_MACR (Apr2019)

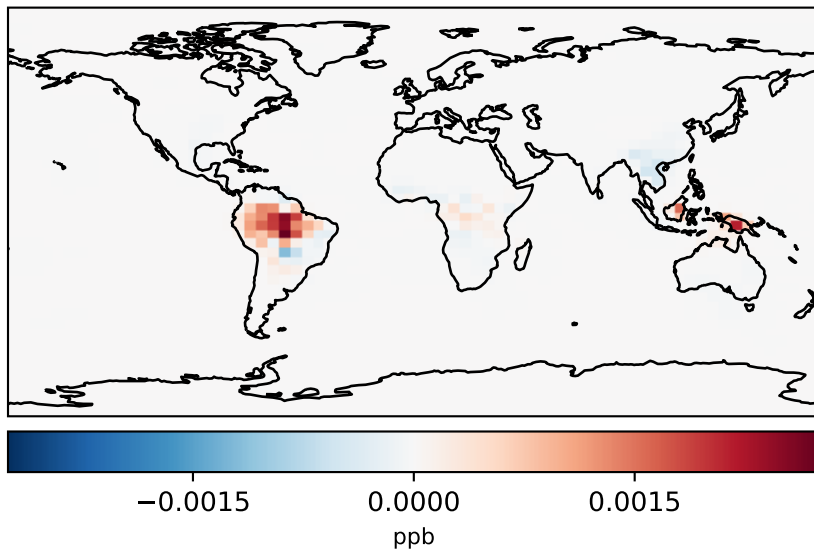
gcc-14.3.0-rc.0 (Ref)  
4.0x5.0



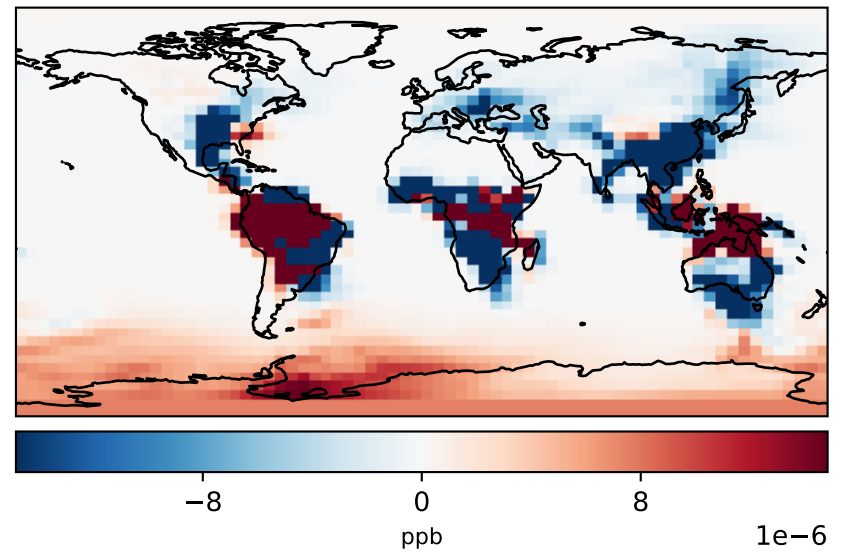
gcc-14.4.0-rc.0 (Dev)  
4.0x5.0



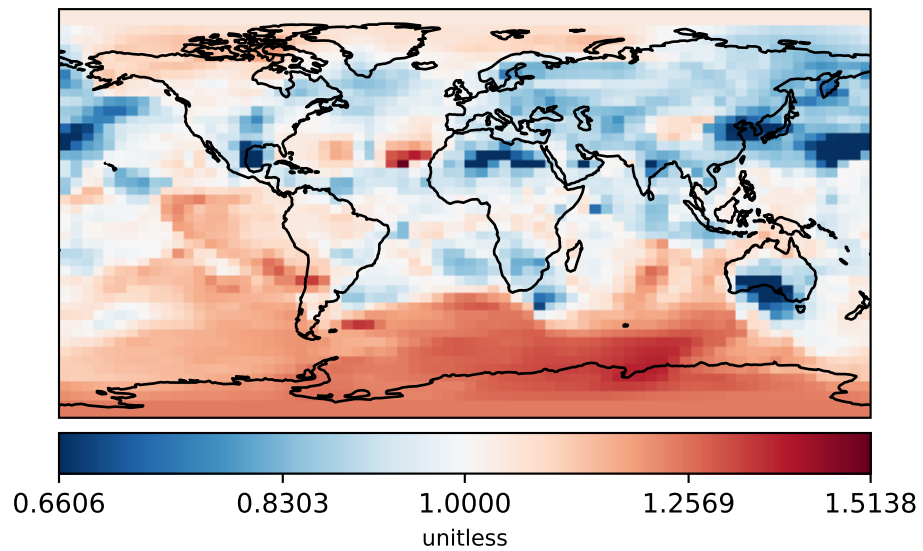
Difference  
Dev - Ref, Dynamic Range



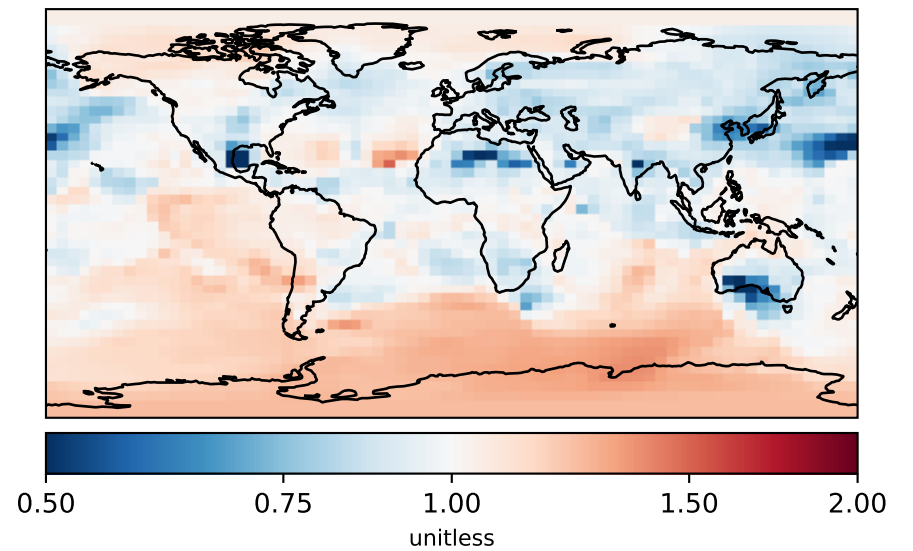
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

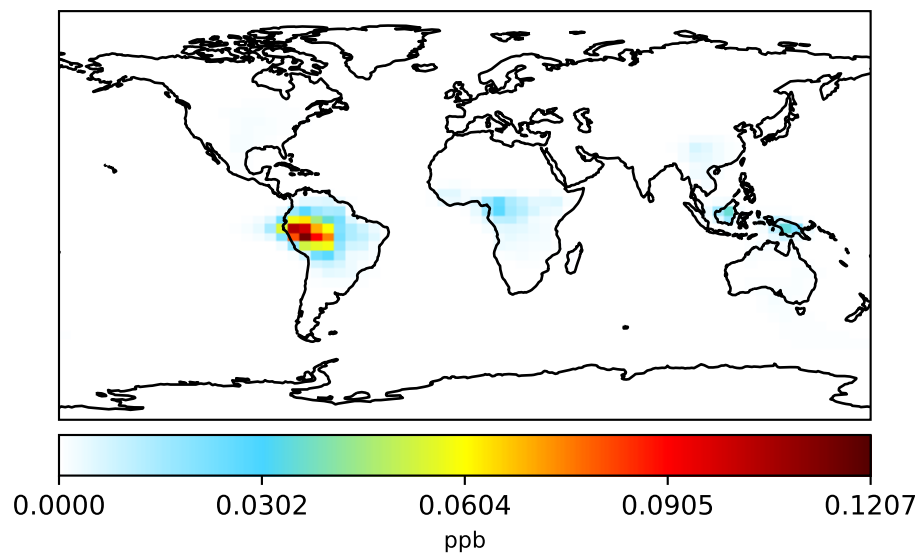


Ratio  
Dev/Ref, Fixed Range

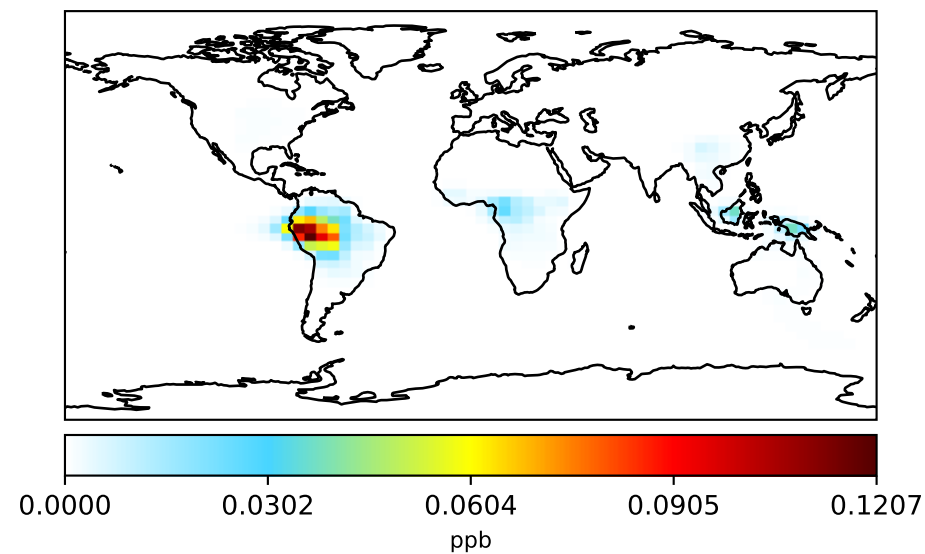


# SpeciesConcVV\_IEPOX (Apr2019)

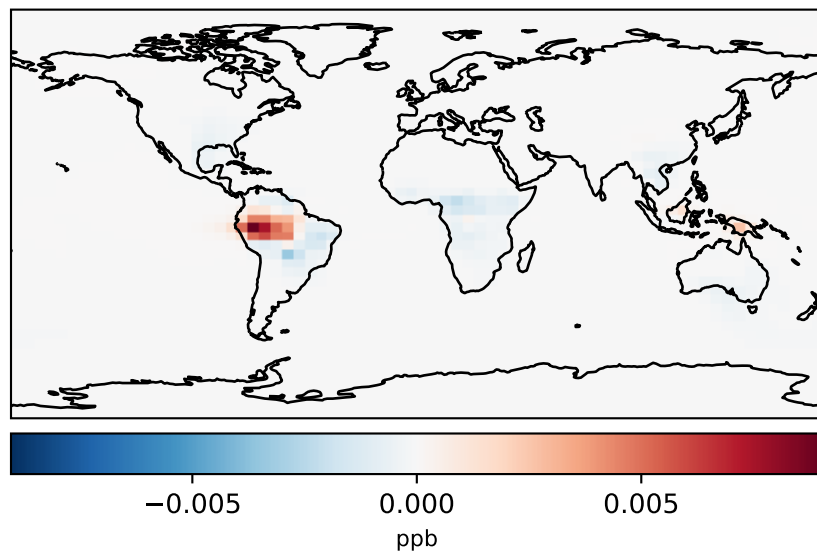
gcc-14.3.0-rc.0 (Ref)  
4.0x5.0



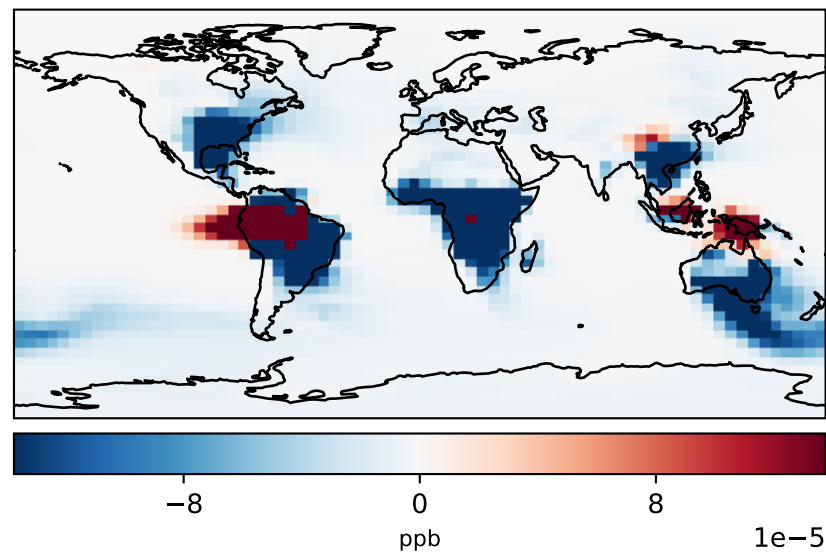
gcc-14.4.0-rc.0 (Dev)  
4.0x5.0



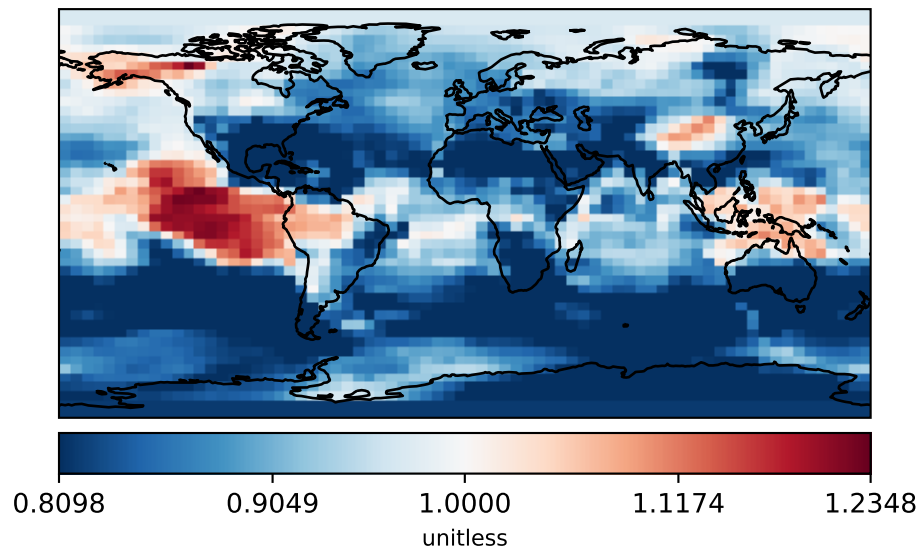
Difference  
Dev - Ref, Dynamic Range



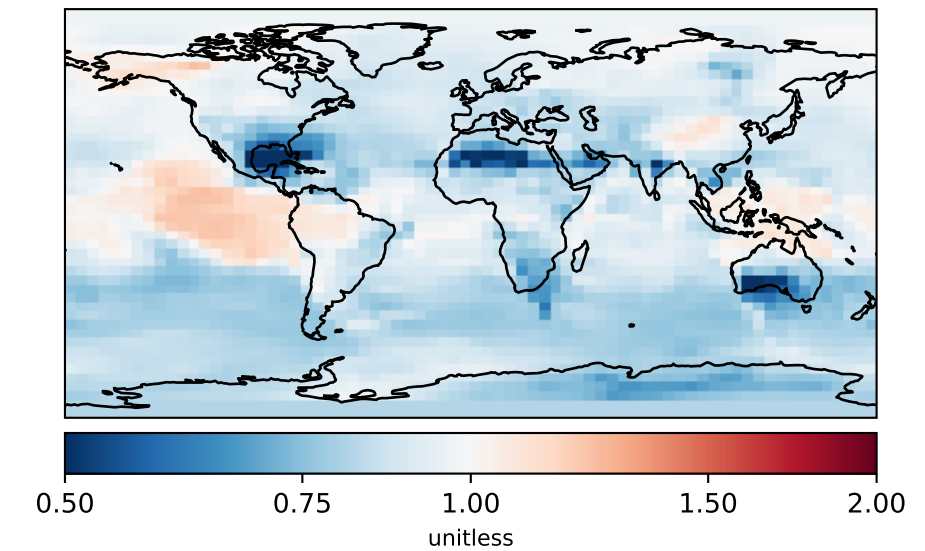
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

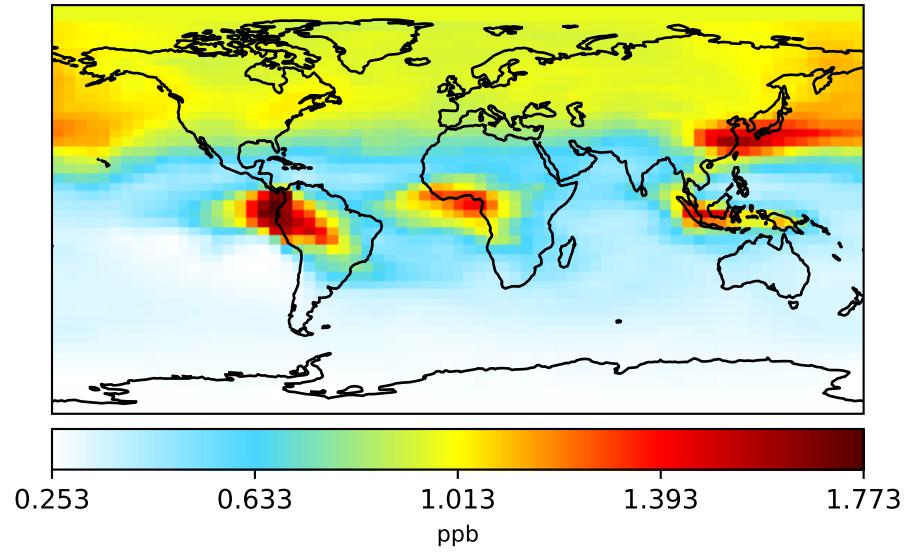


Ratio  
Dev/Ref, Fixed Range

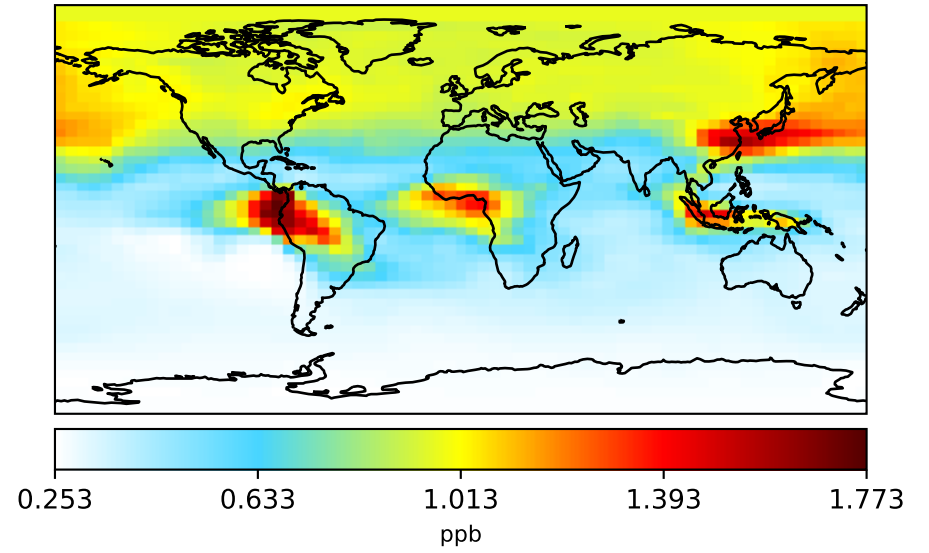


# SpeciesConcVV\_ACET (Apr2019)

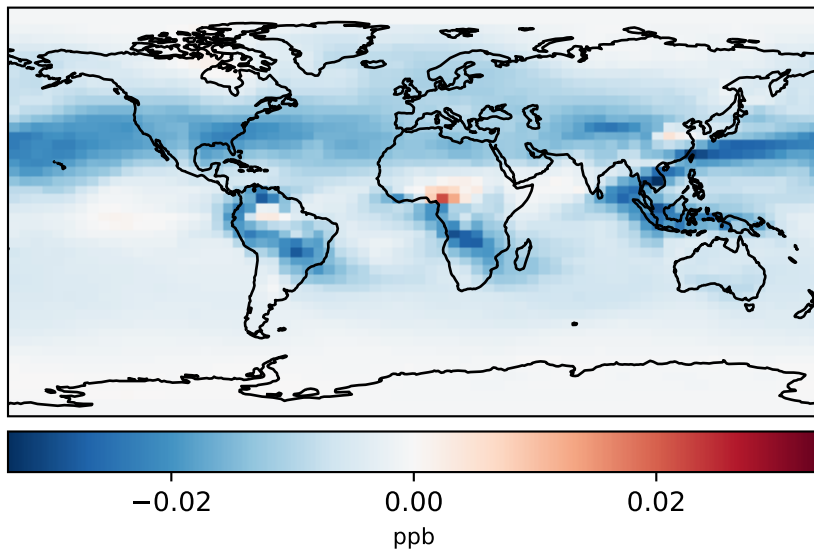
gcc-14.3.0-rc.0 (Ref)  
4.0x5.0



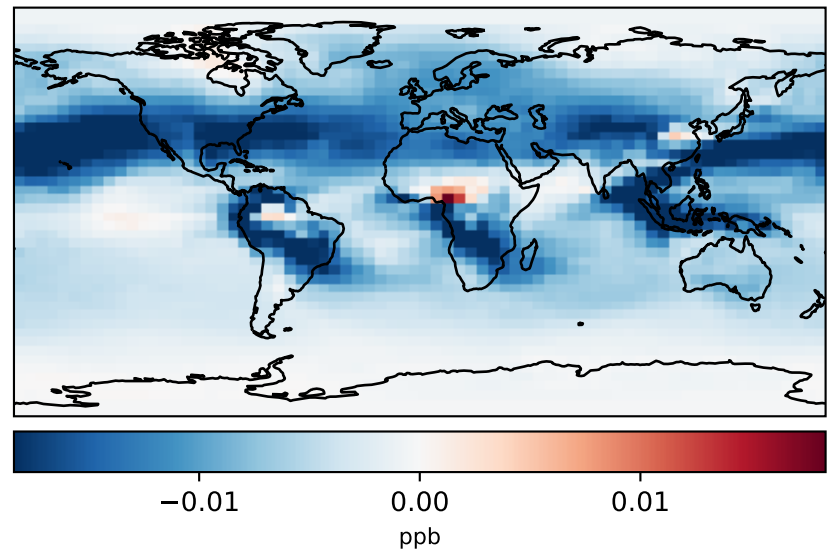
gcc-14.4.0-rc.0 (Dev)  
4.0x5.0



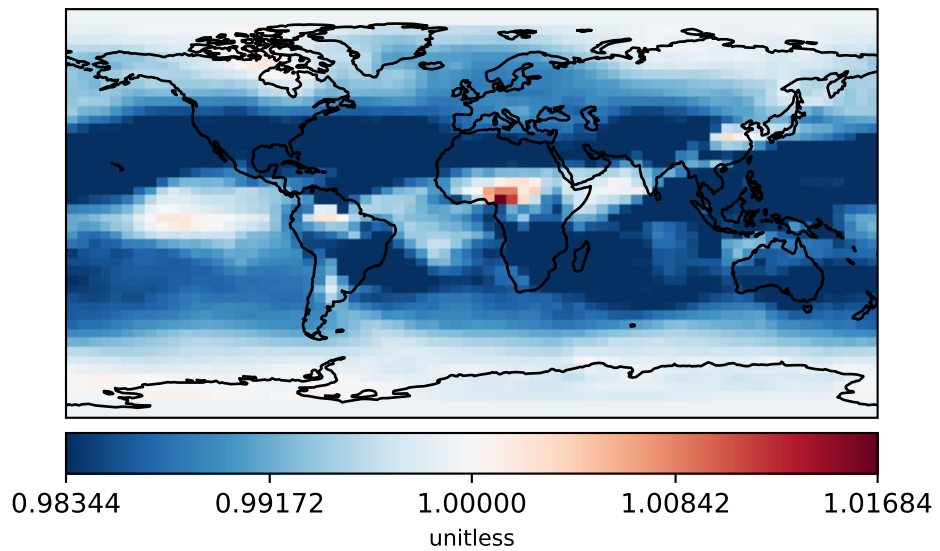
Difference  
Dev - Ref, Dynamic Range



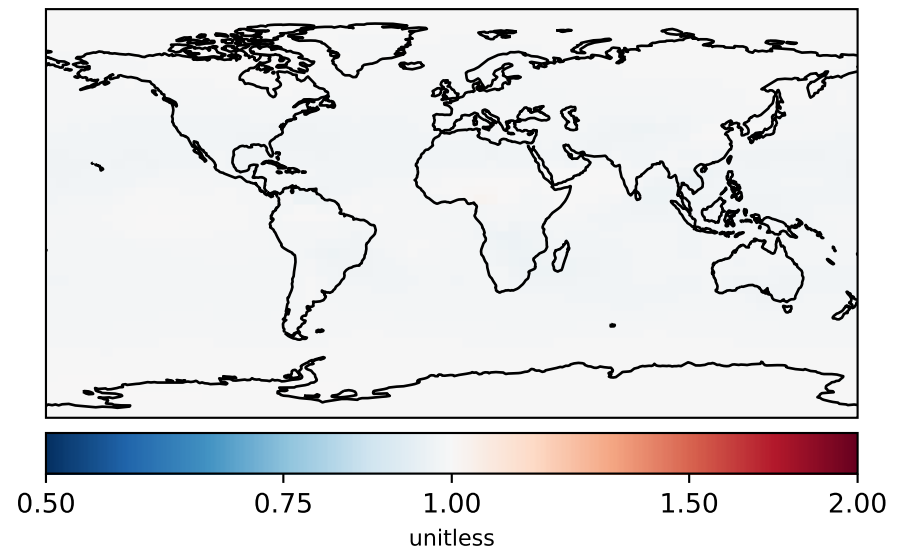
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



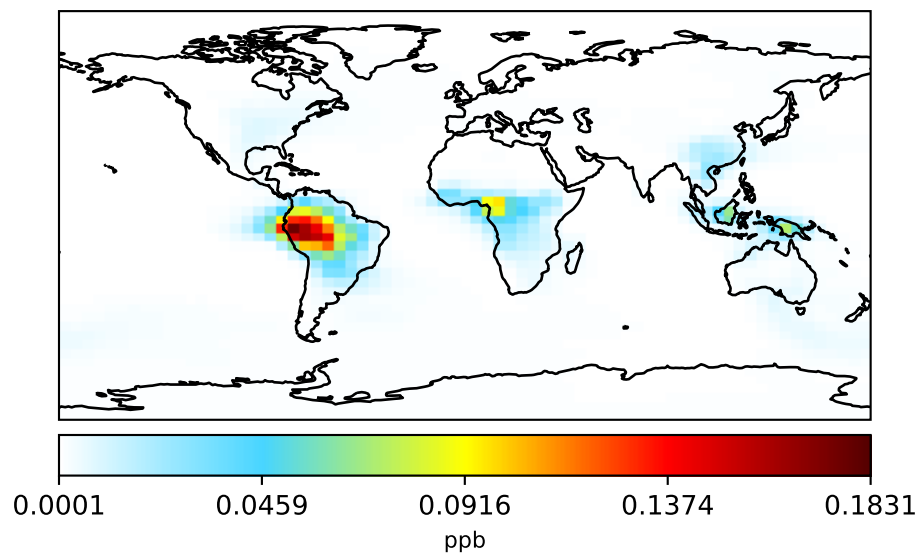
Ratio  
Dev/Ref, Fixed Range



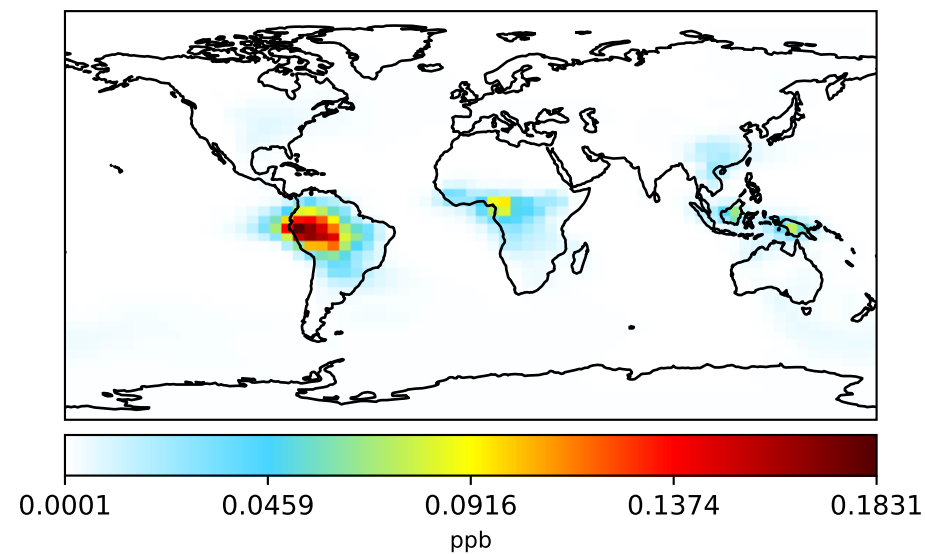


# SpeciesConcVV\_HAC (Apr2019)

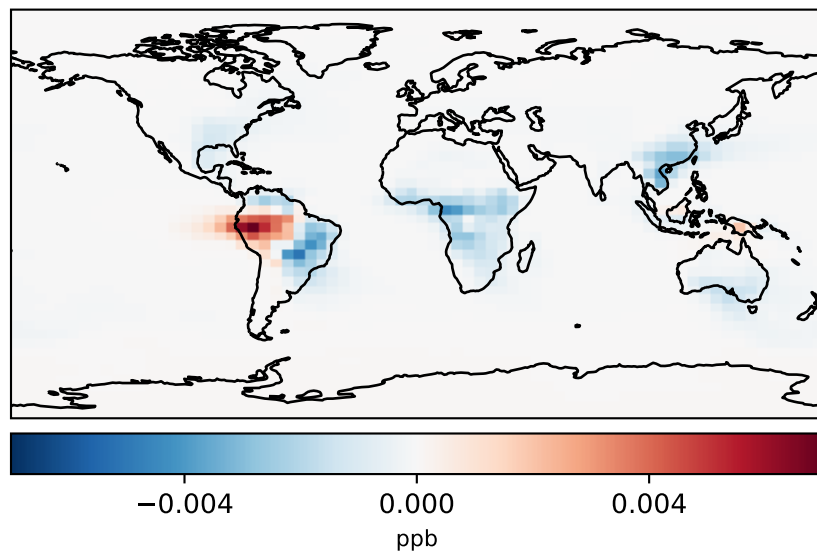
gcc-14.3.0-rc.0 (Ref)  
4.0x5.0



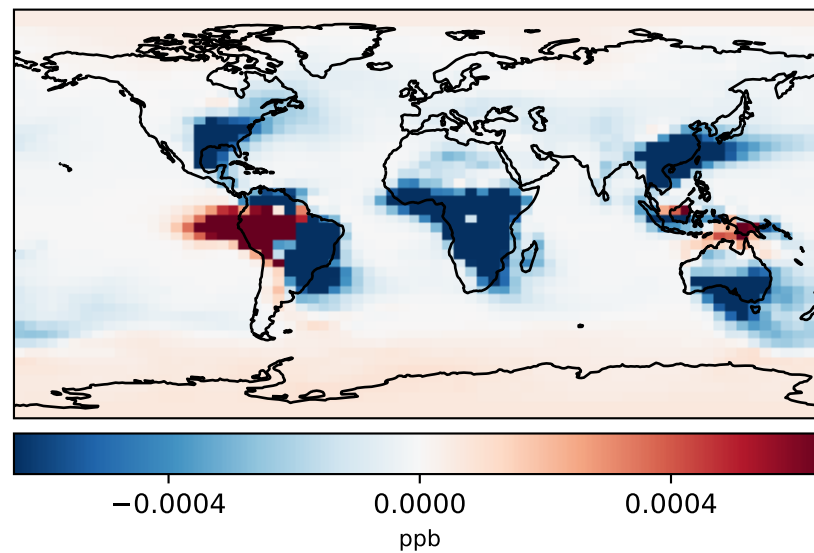
gcc-14.4.0-rc.0 (Dev)  
4.0x5.0



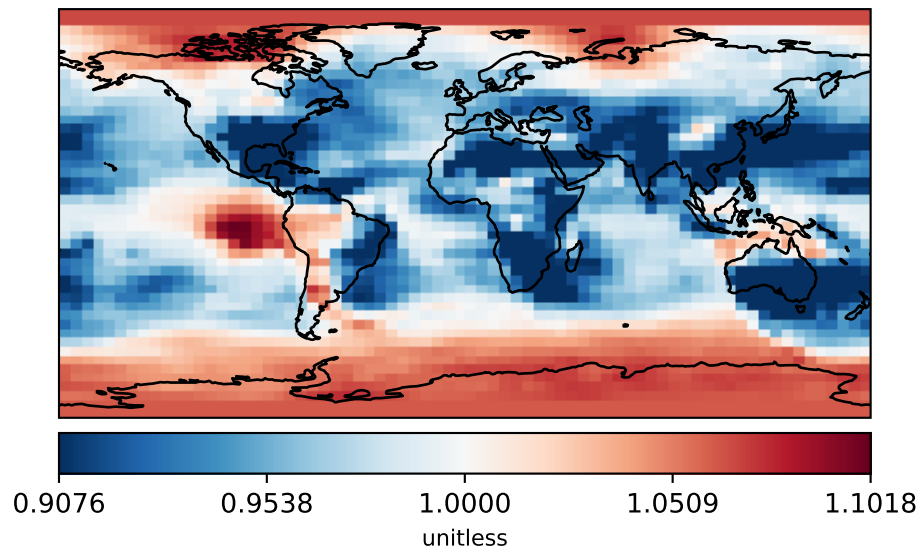
Difference  
Dev - Ref, Dynamic Range



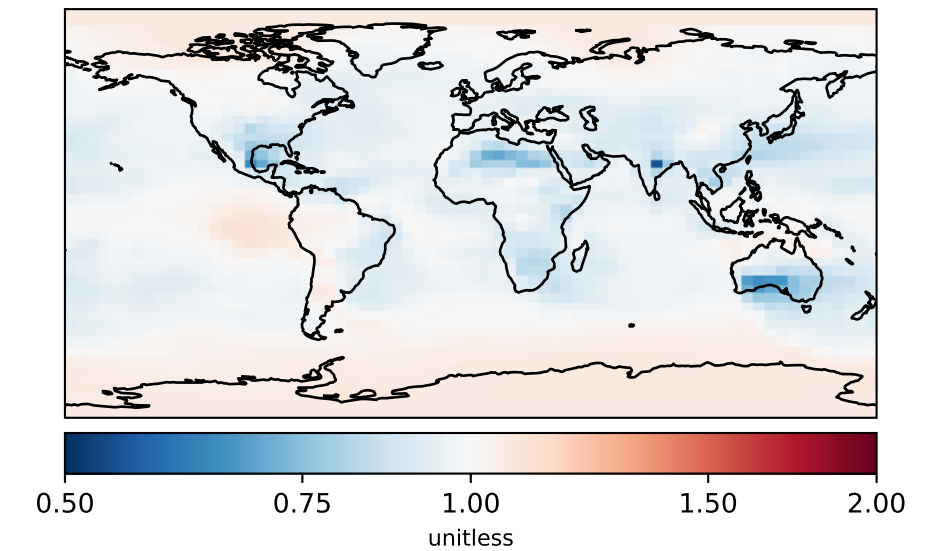
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

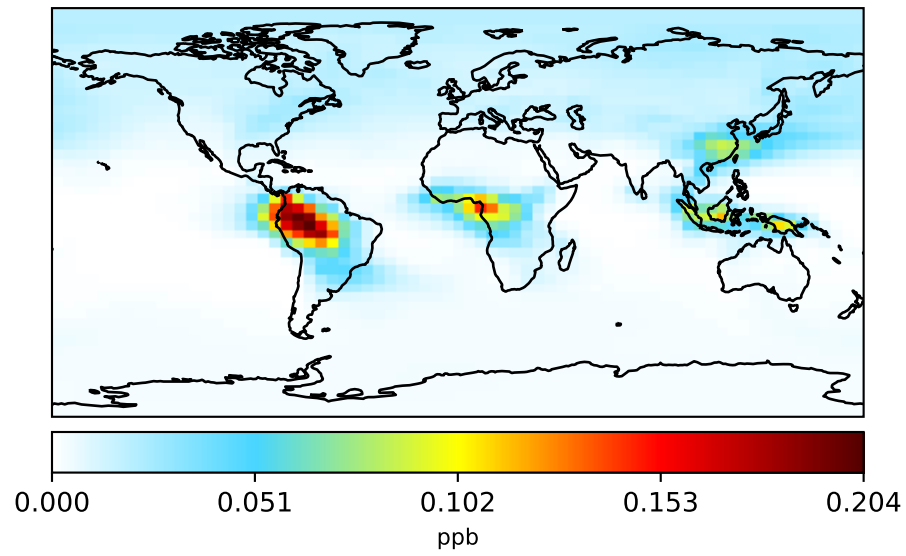


Ratio  
Dev/Ref, Fixed Range

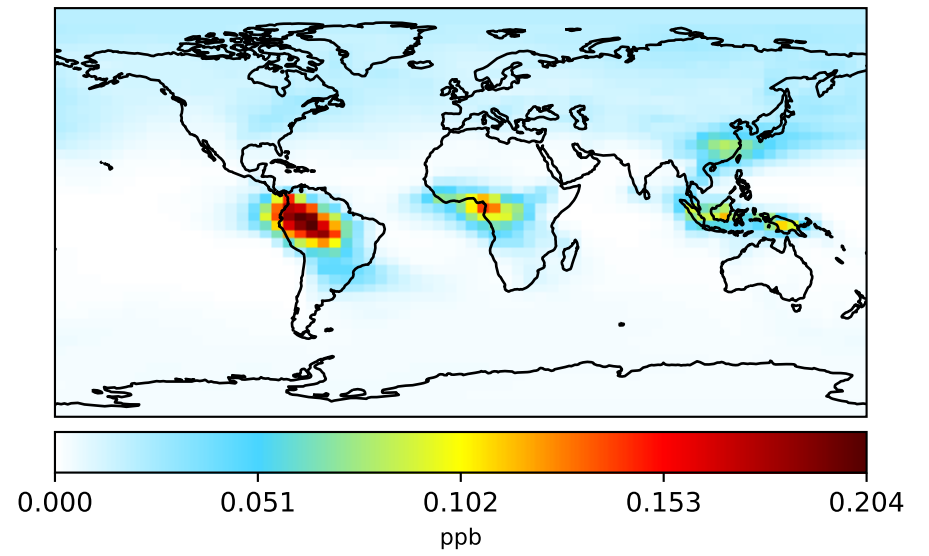


# SpeciesConcVV\_MEK (Apr2019)

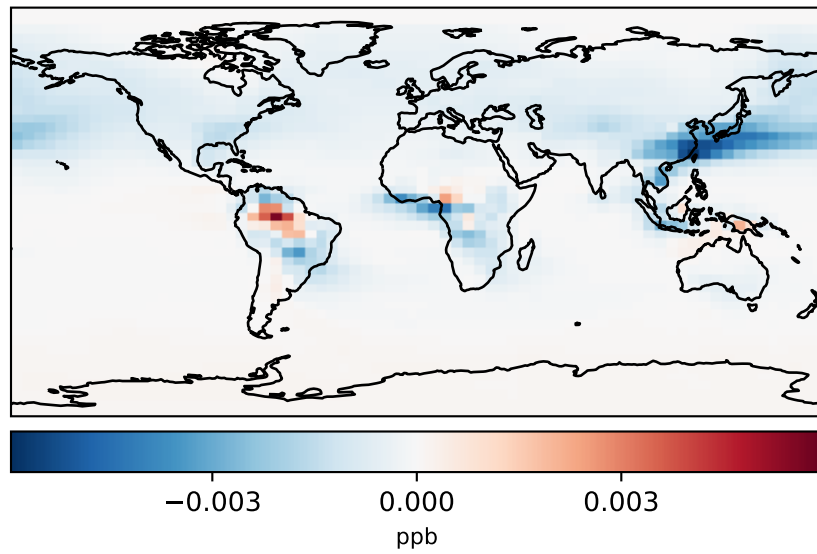
gcc-14.3.0-rc.0 (Ref)  
4.0x5.0



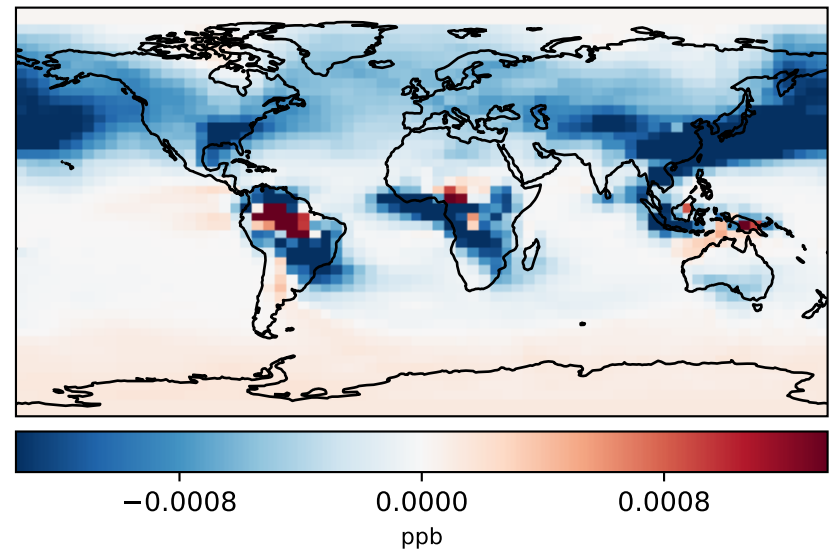
gcc-14.4.0-rc.0 (Dev)  
4.0x5.0



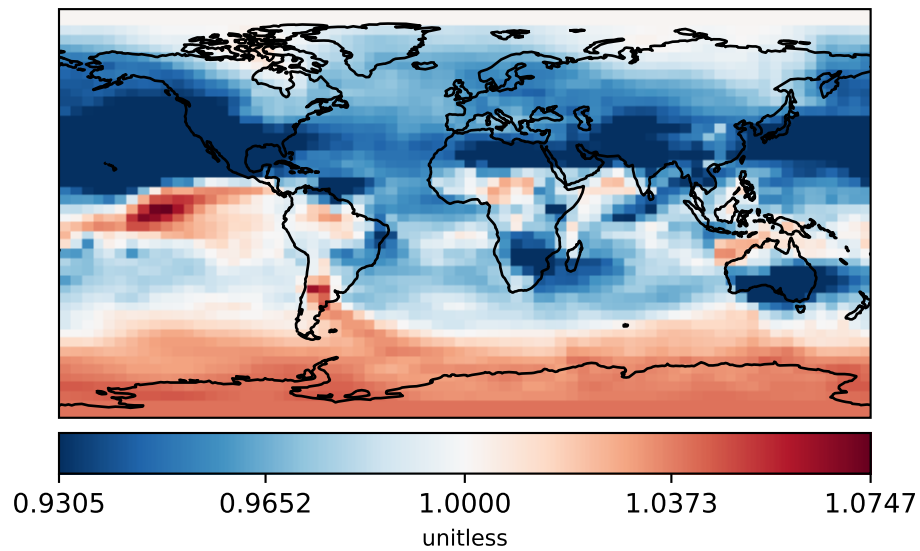
Difference  
Dev - Ref, Dynamic Range



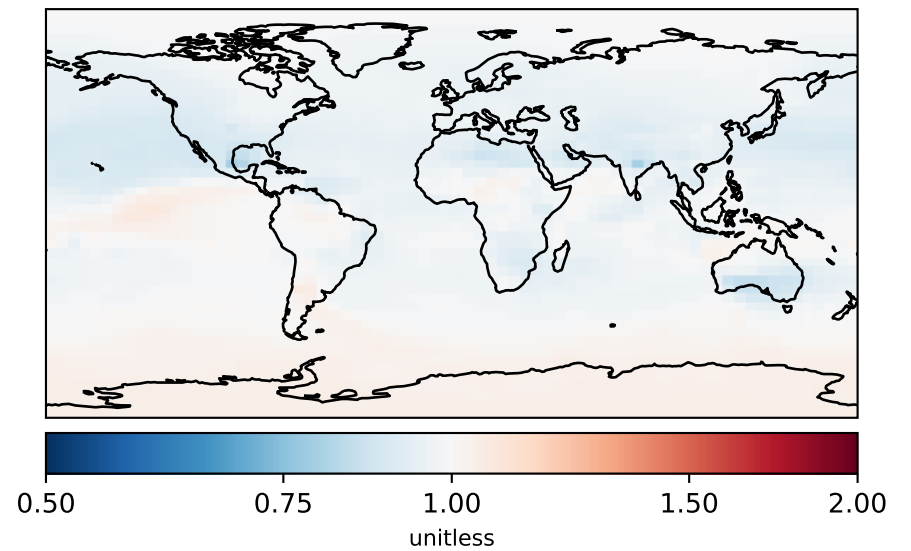
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

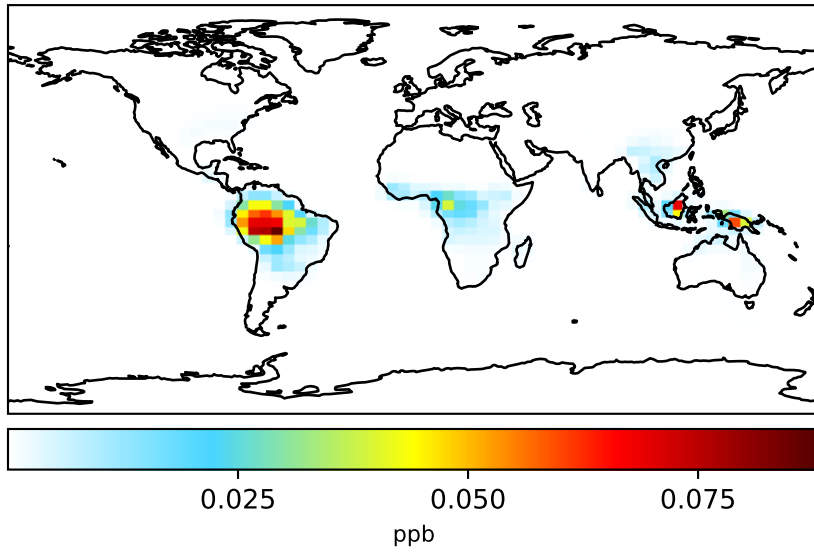


Ratio  
Dev/Ref, Fixed Range

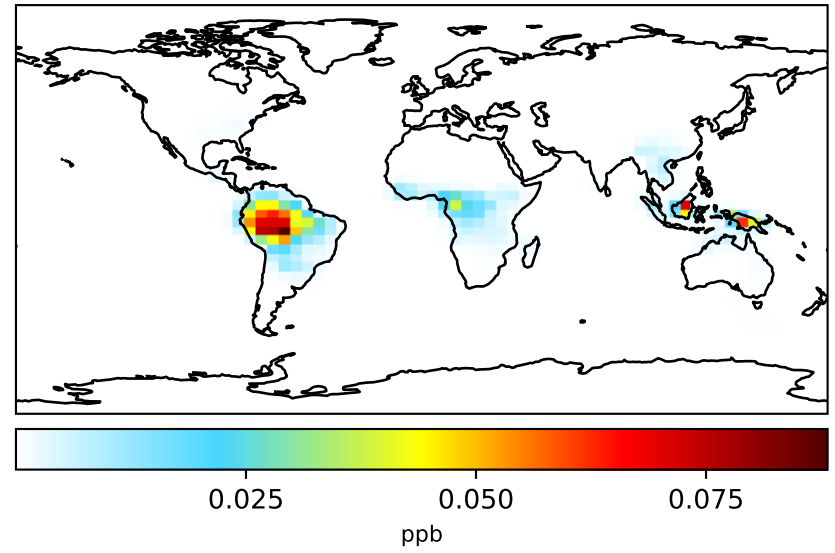


# SpeciesConcVW\_MVK (Apr2019)

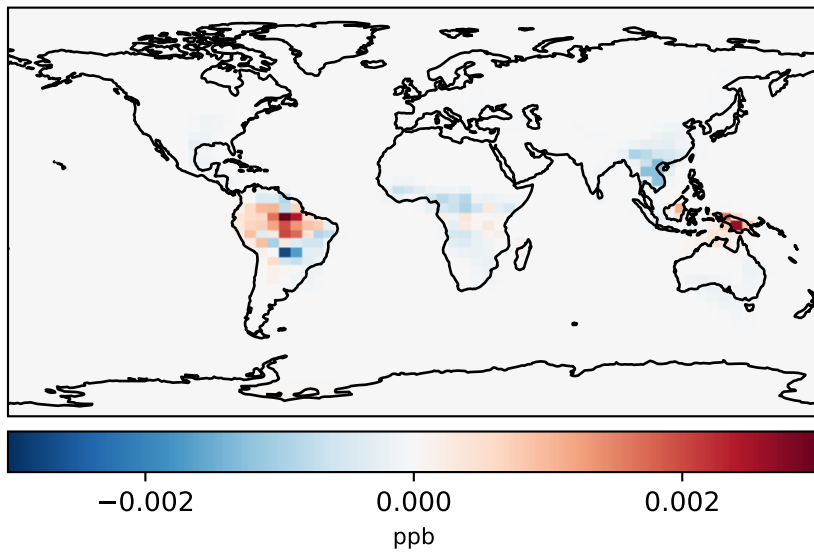
gcc-14.3.0-rc.0 (Ref)  
4.0x5.0



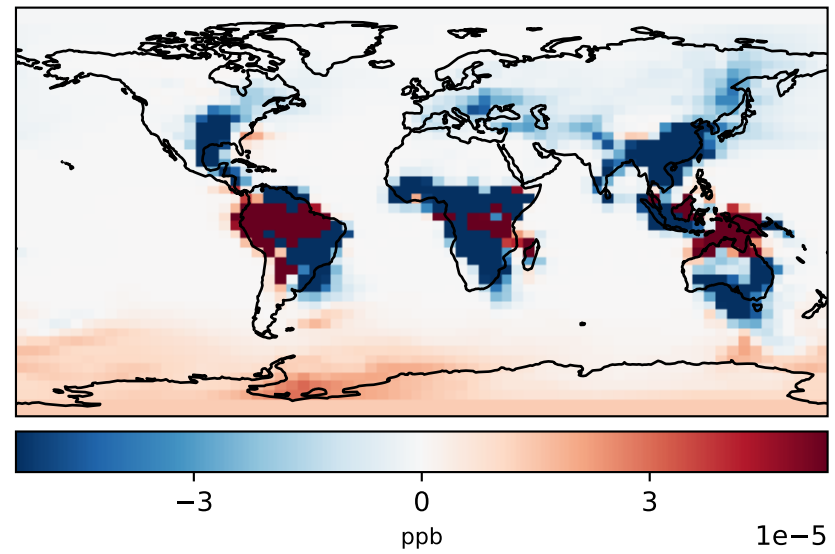
gcc-14.4.0-rc.0 (Dev)  
4.0x5.0



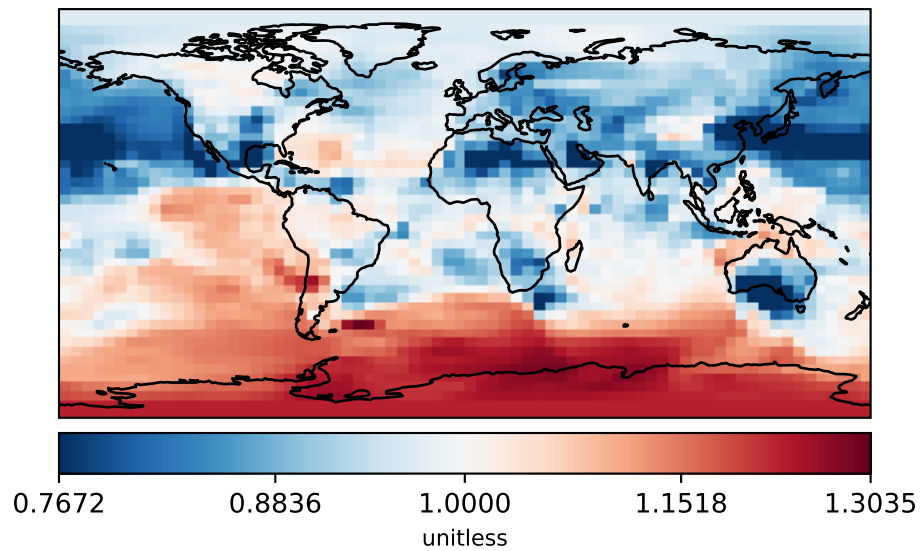
Difference  
Dev - Ref, Dynamic Range



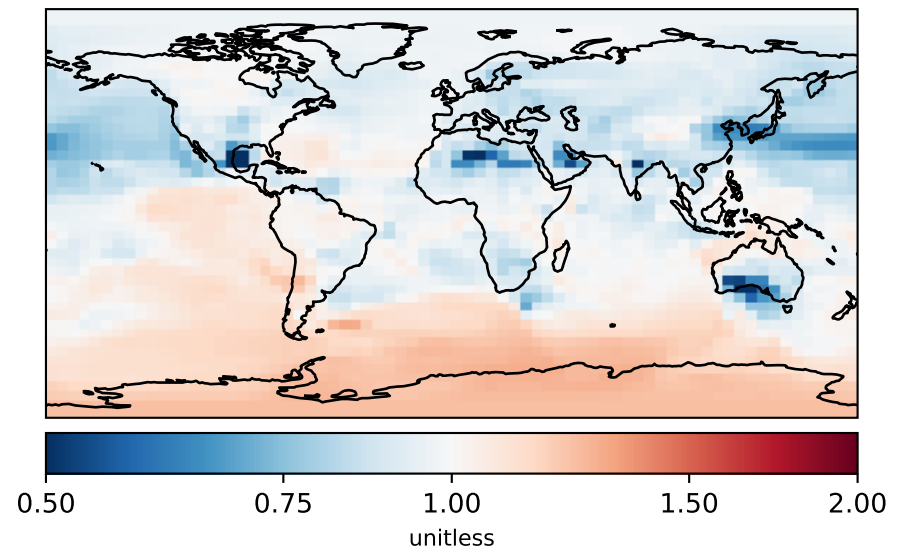
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

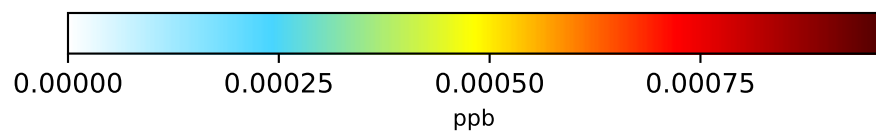
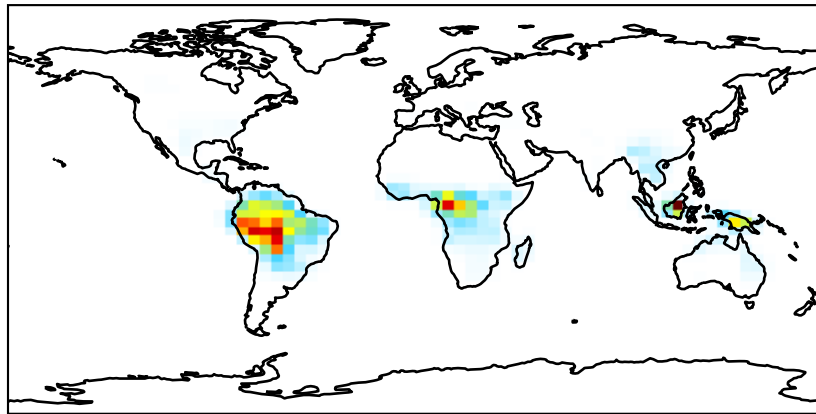


Ratio  
Dev/Ref, Fixed Range

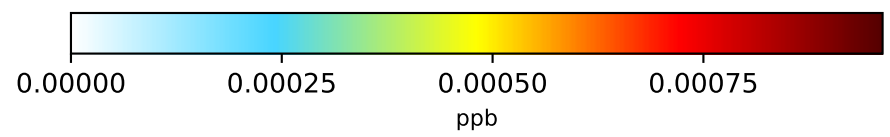
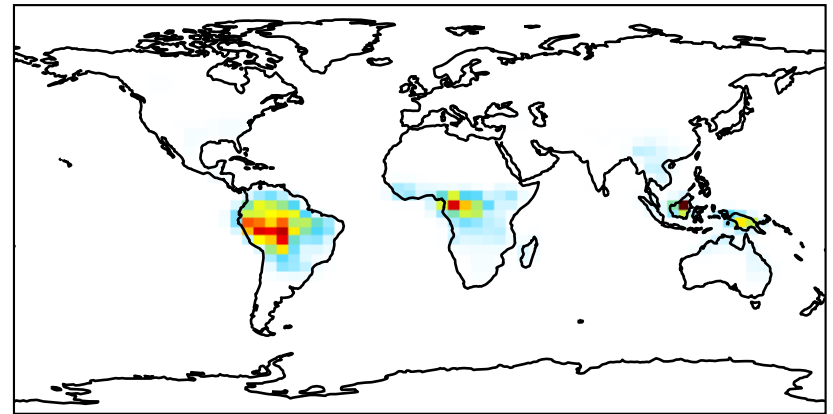


# SpeciesConcVV\_ISOPN (Apr2019)

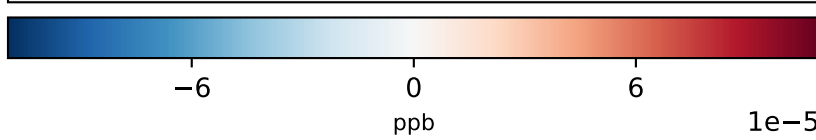
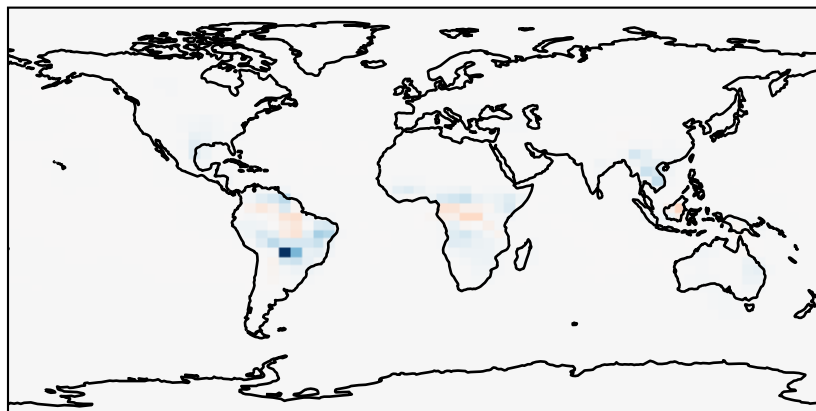
gcc-14.3.0-rc.0 (Ref)  
4.0x5.0



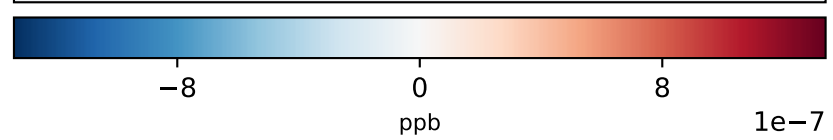
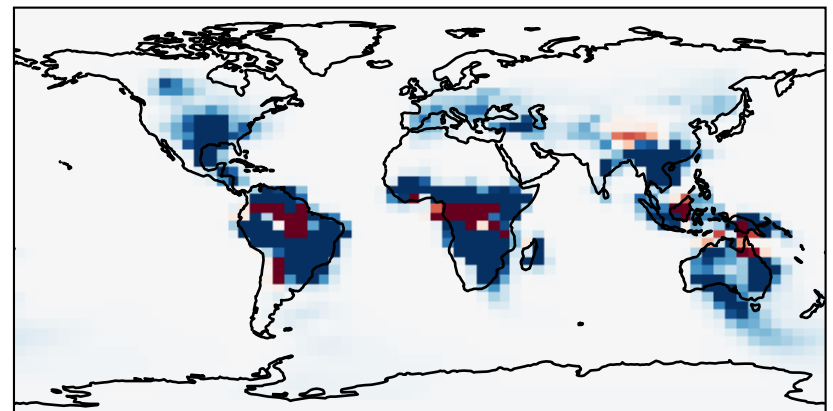
gcc-14.4.0-rc.0 (Dev)  
4.0x5.0



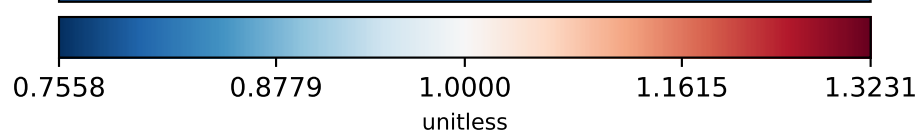
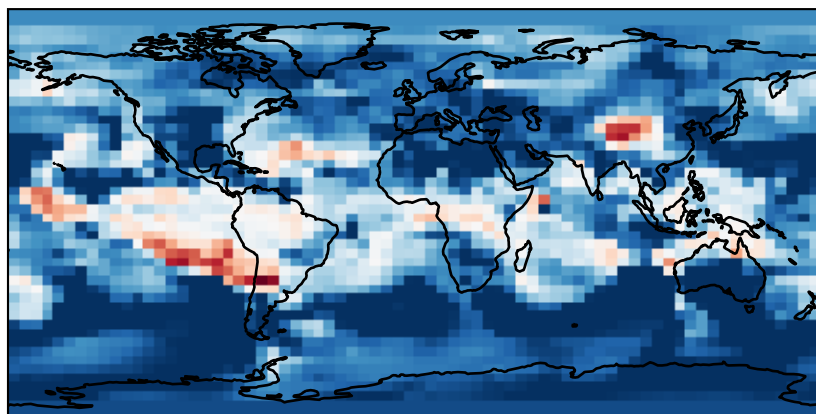
Difference  
Dev - Ref, Dynamic Range



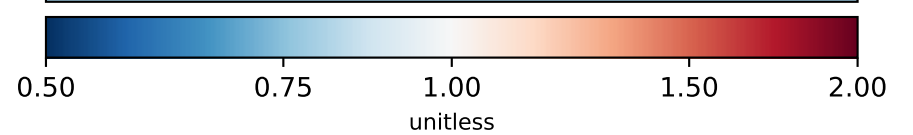
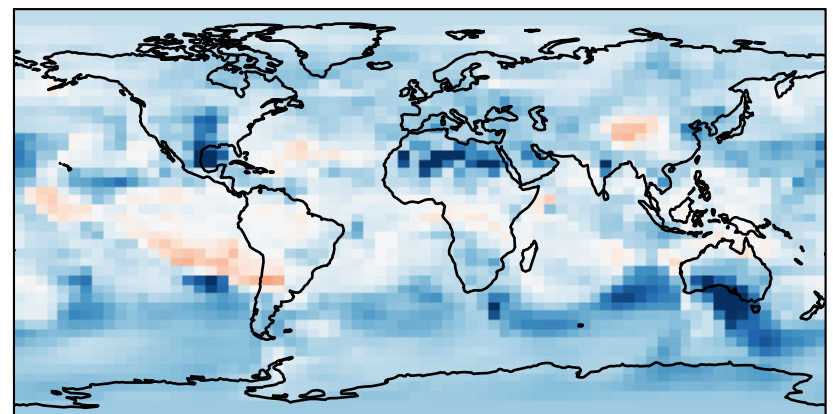
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



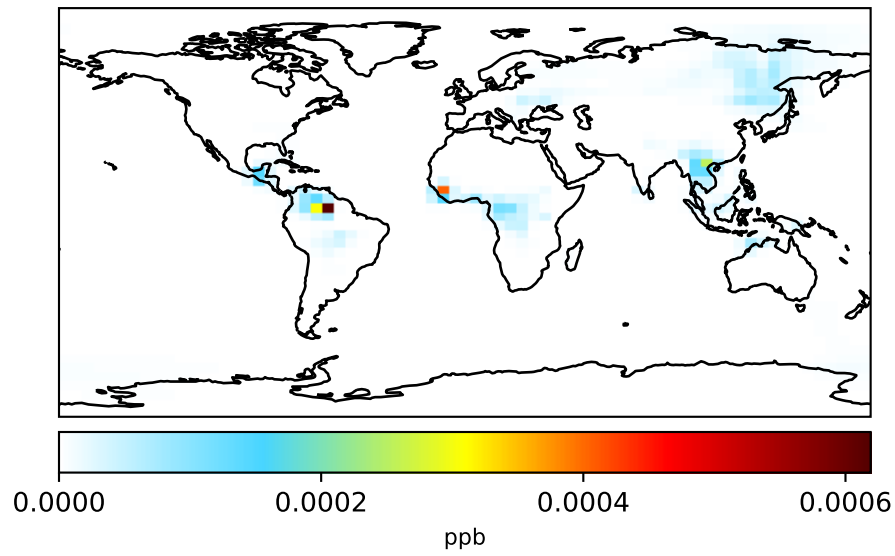
Ratio  
Dev/Ref, Fixed Range



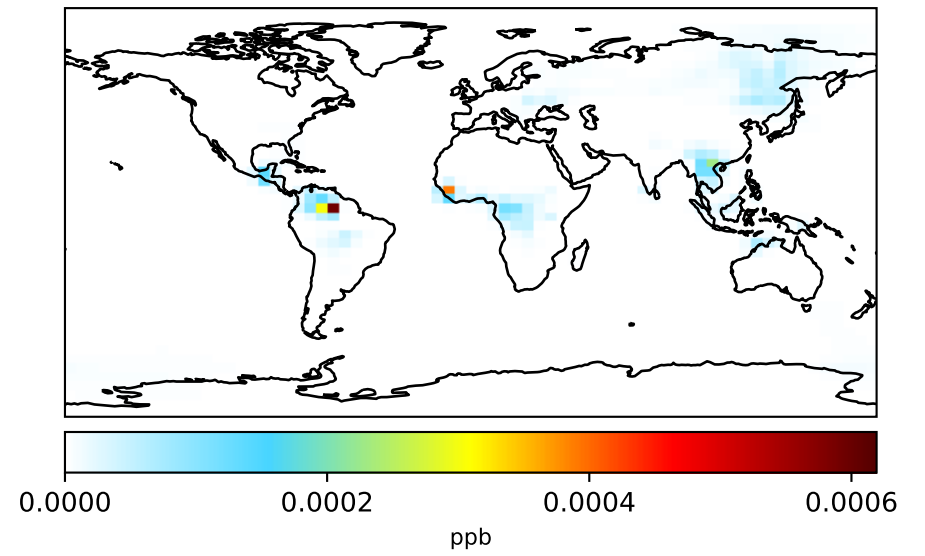


# SpeciesConcVV\_FURA (Apr2019)

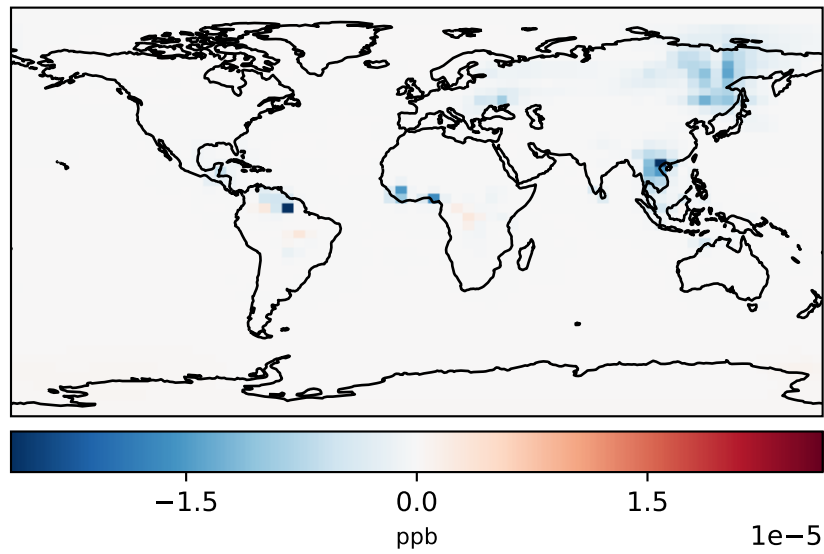
gcc-14.3.0-rc.0 (Ref)  
4.0x5.0



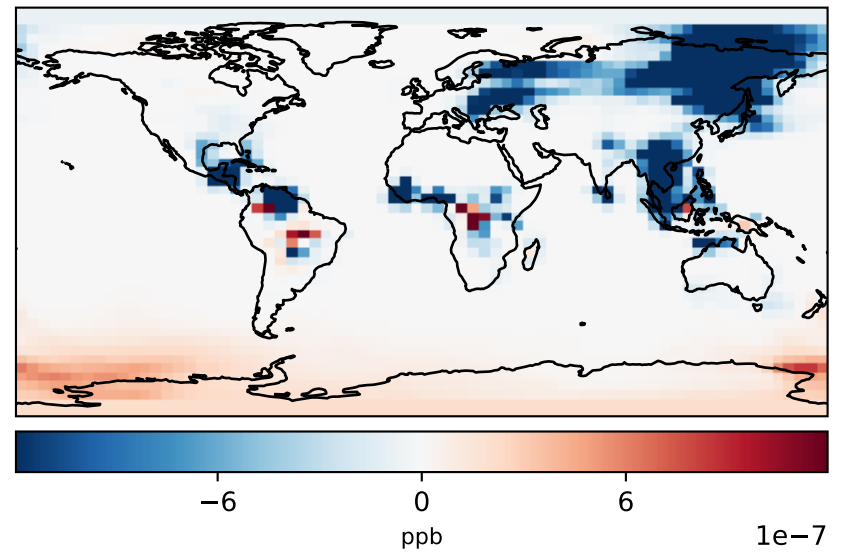
gcc-14.4.0-rc.0 (Dev)  
4.0x5.0



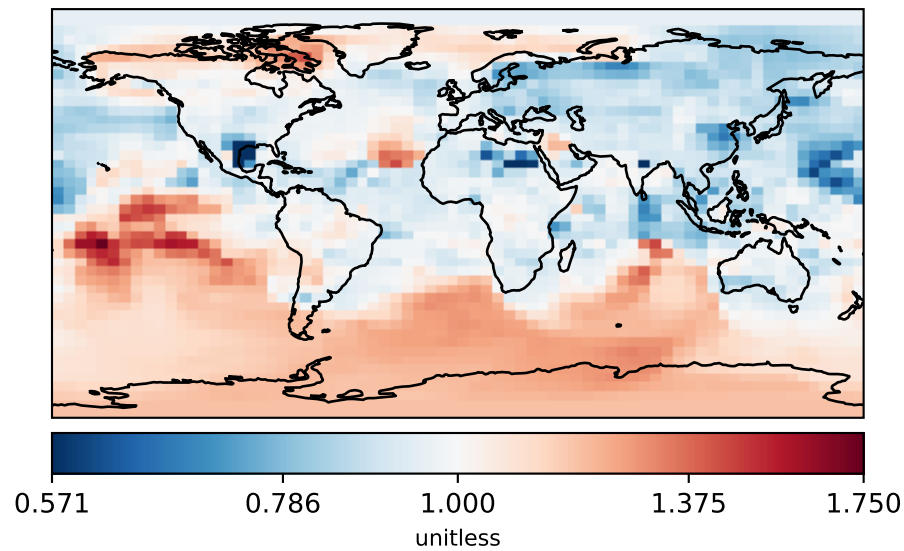
Difference  
Dev - Ref, Dynamic Range



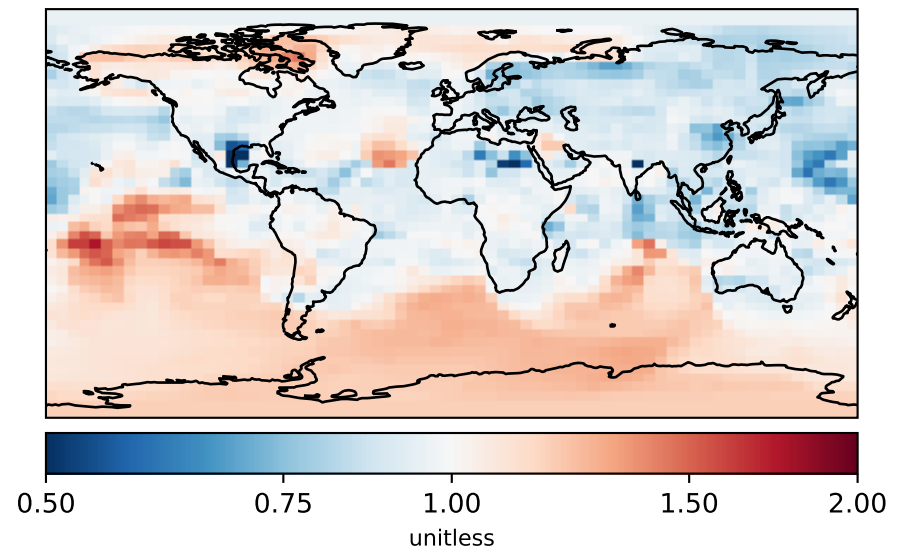
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

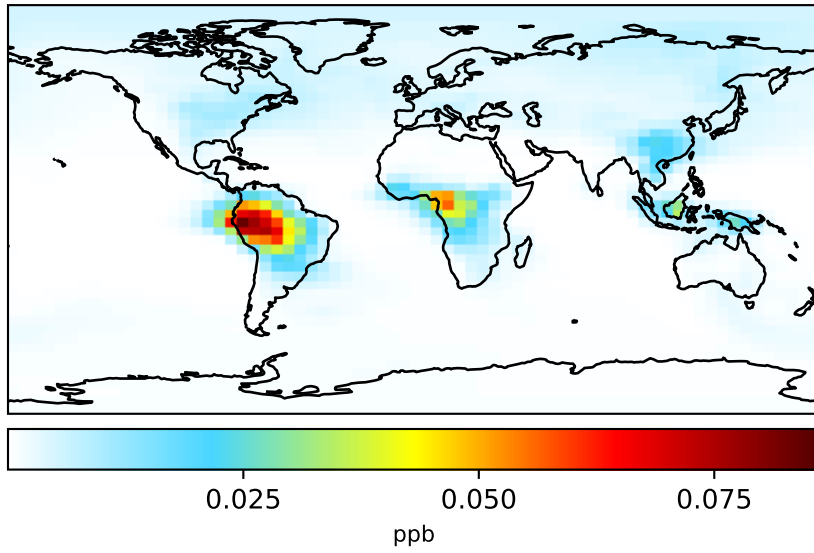


Ratio  
Dev/Ref, Fixed Range

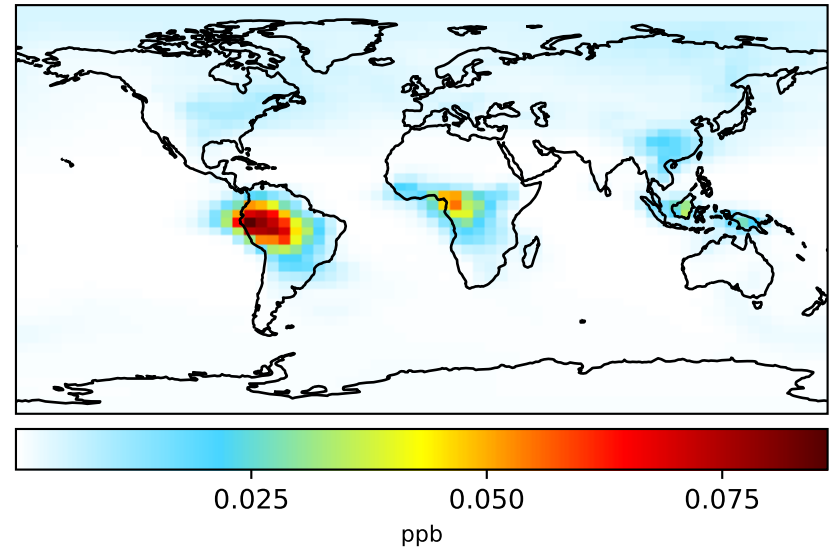


# SpeciesConcVV\_GLYC (Apr2019)

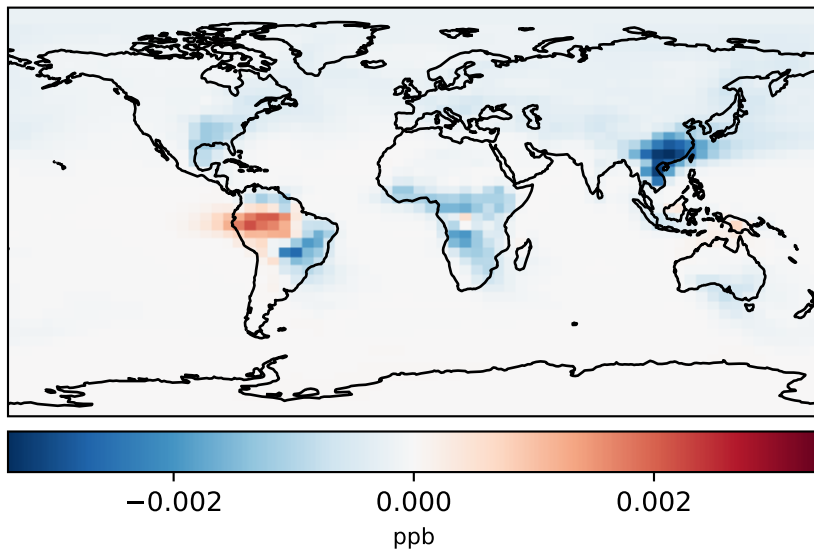
gcc-14.3.0-rc.0 (Ref)  
4.0x5.0



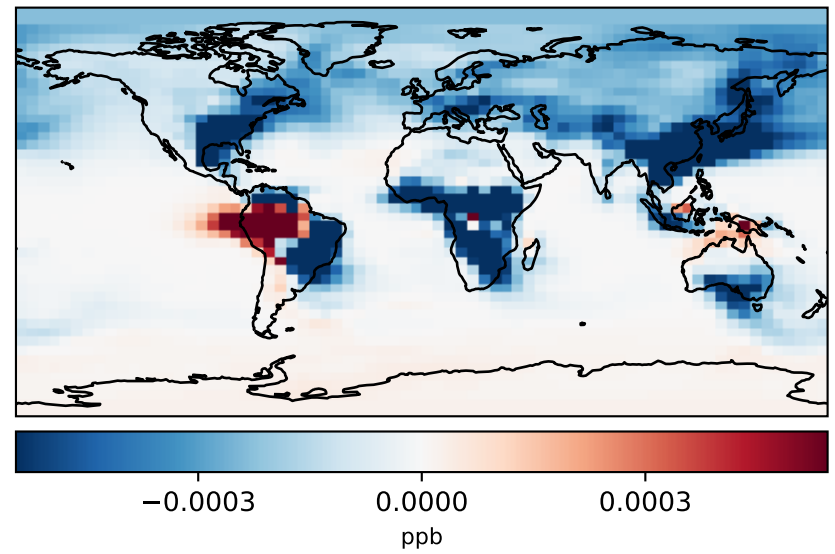
gcc-14.4.0-rc.0 (Dev)  
4.0x5.0



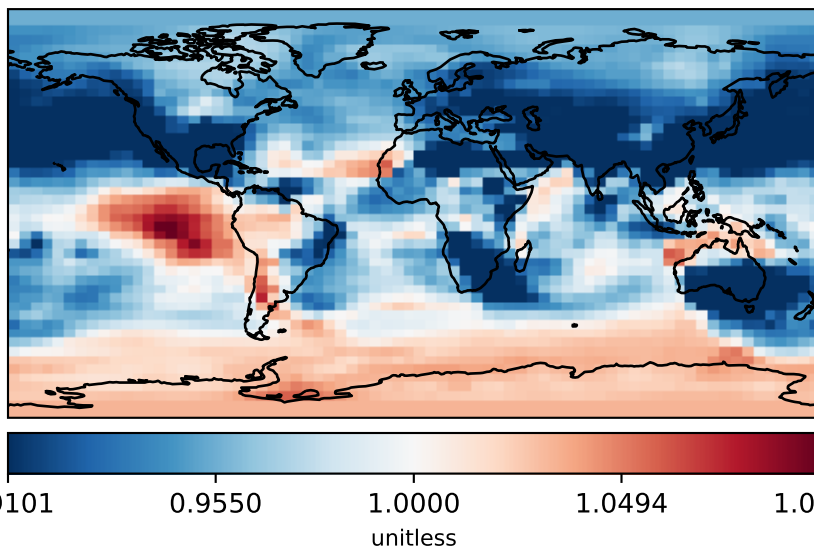
Difference  
Dev - Ref, Dynamic Range



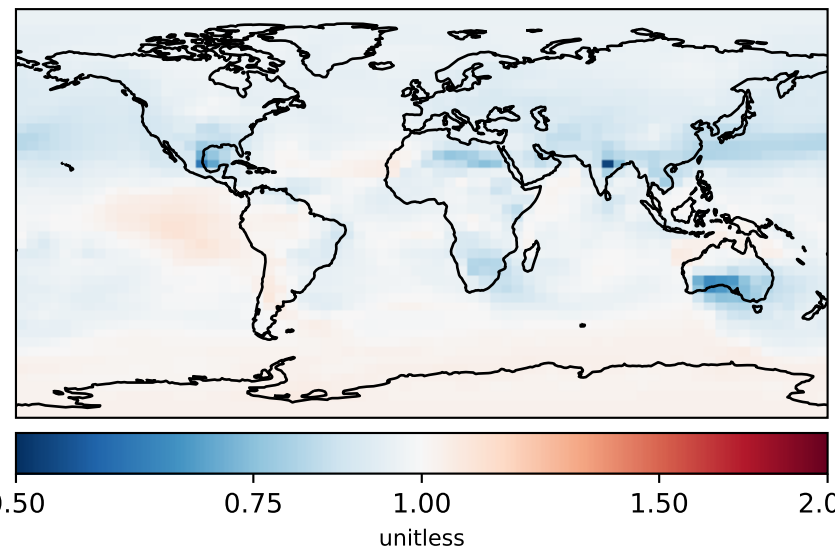
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

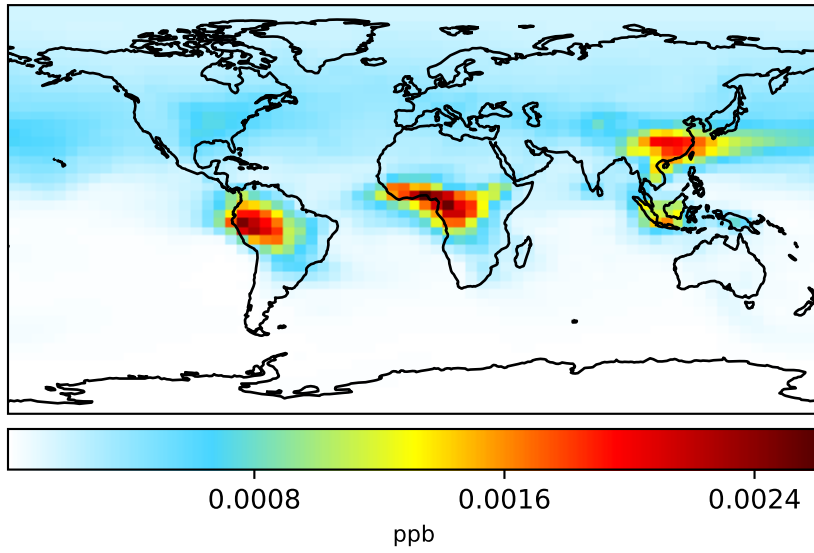


Ratio  
Dev/Ref, Fixed Range

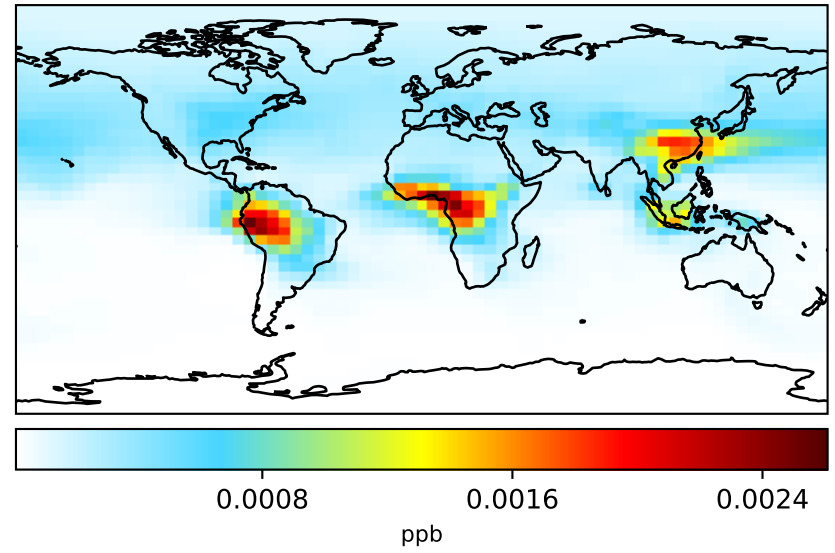


# SpeciesConcVV\_GLYX (Apr2019)

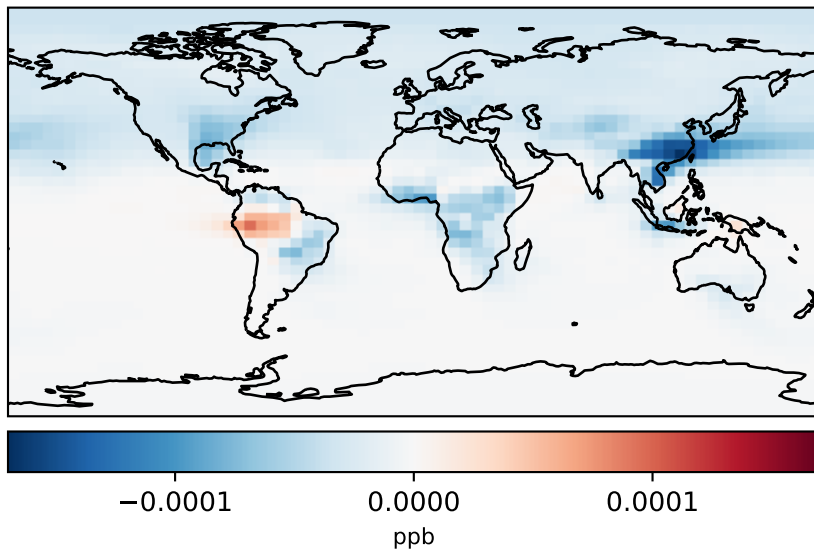
gcc-14.3.0-rc.0 (Ref)  
4.0x5.0



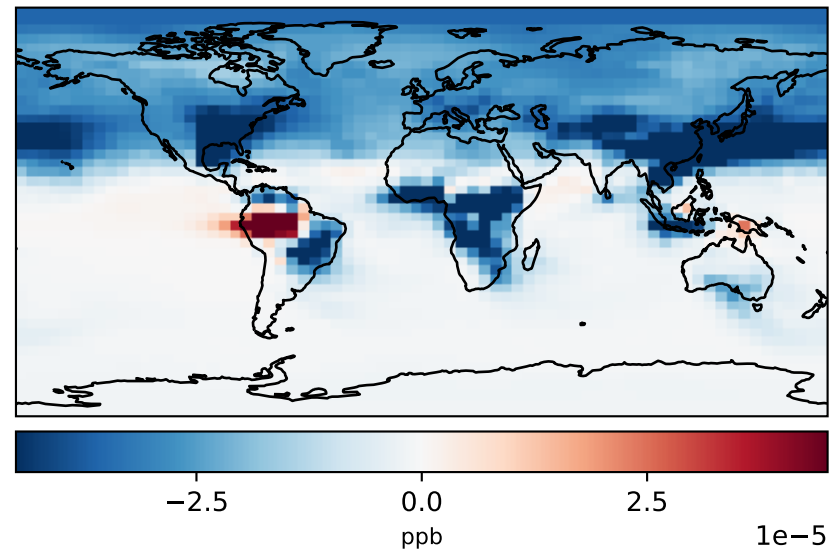
gcc-14.4.0-rc.0 (Dev)  
4.0x5.0



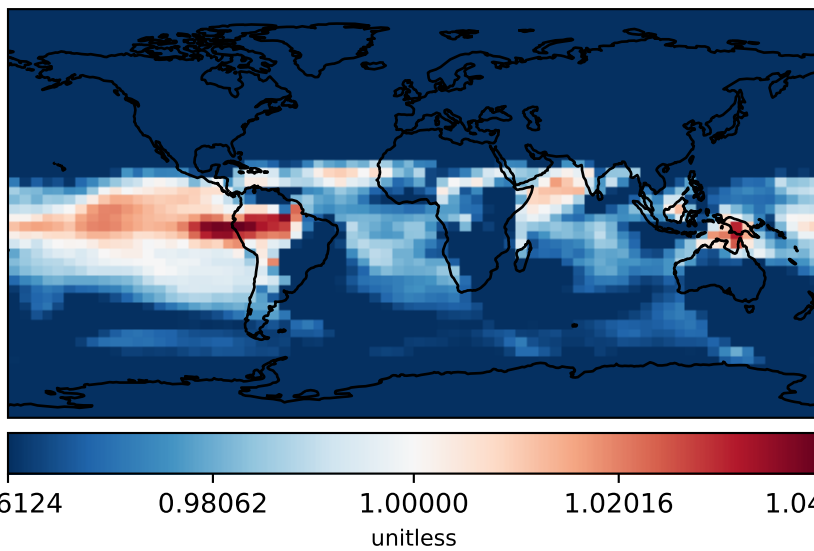
Difference  
Dev - Ref, Dynamic Range



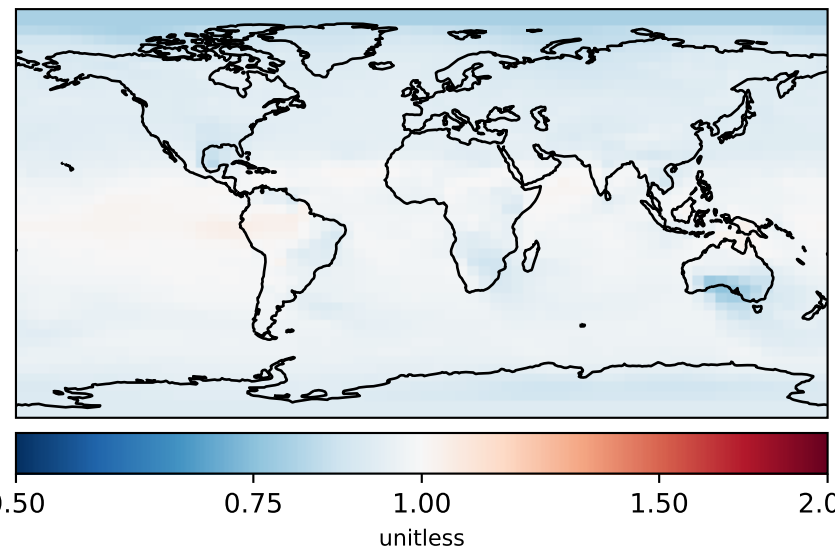
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

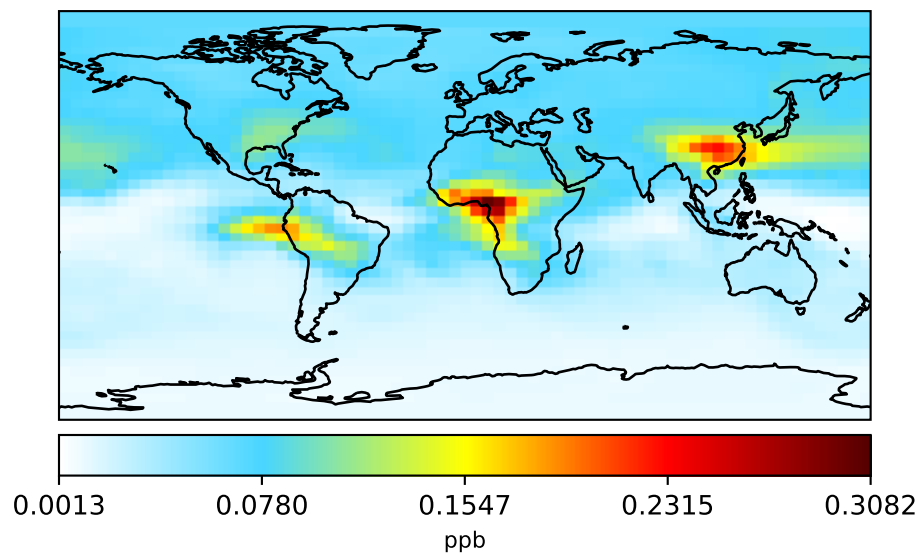


Ratio  
Dev/Ref, Fixed Range

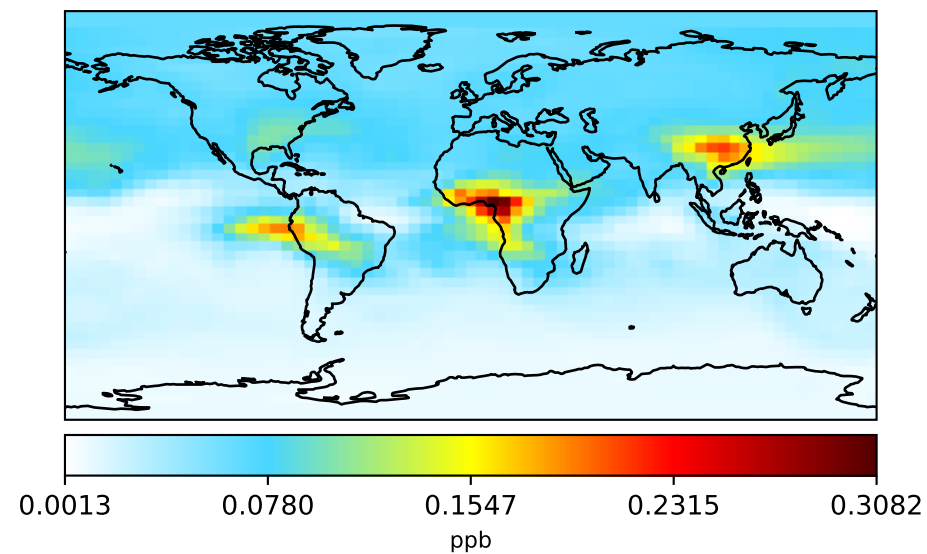


# SpeciesConcVV\_HCOOH (Apr2019)

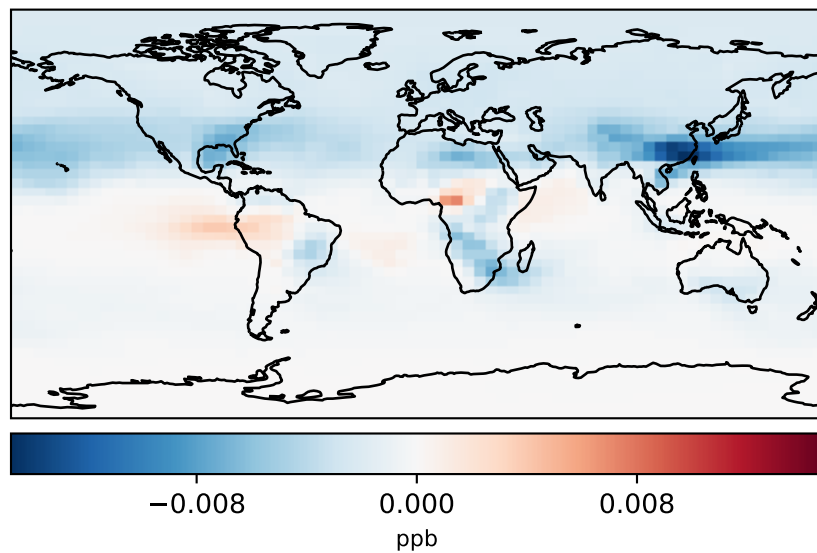
gcc-14.3.0-rc.0 (Ref)  
4.0x5.0



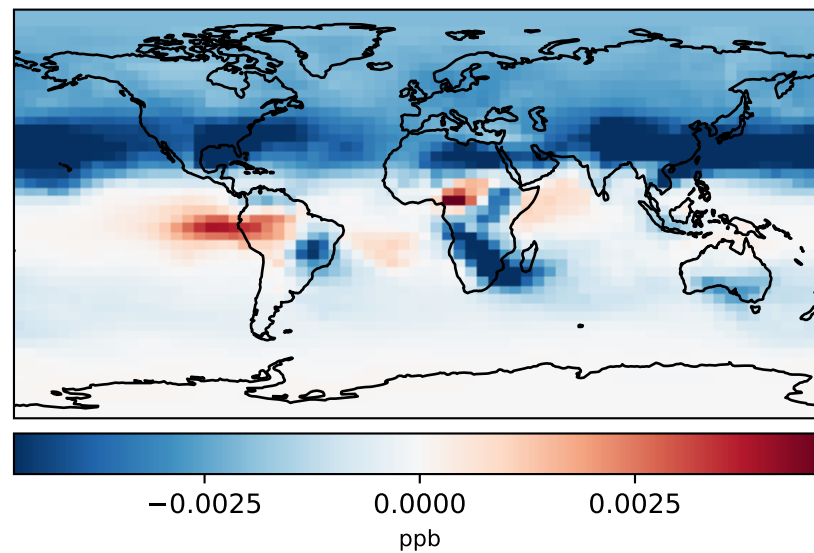
gcc-14.4.0-rc.0 (Dev)  
4.0x5.0



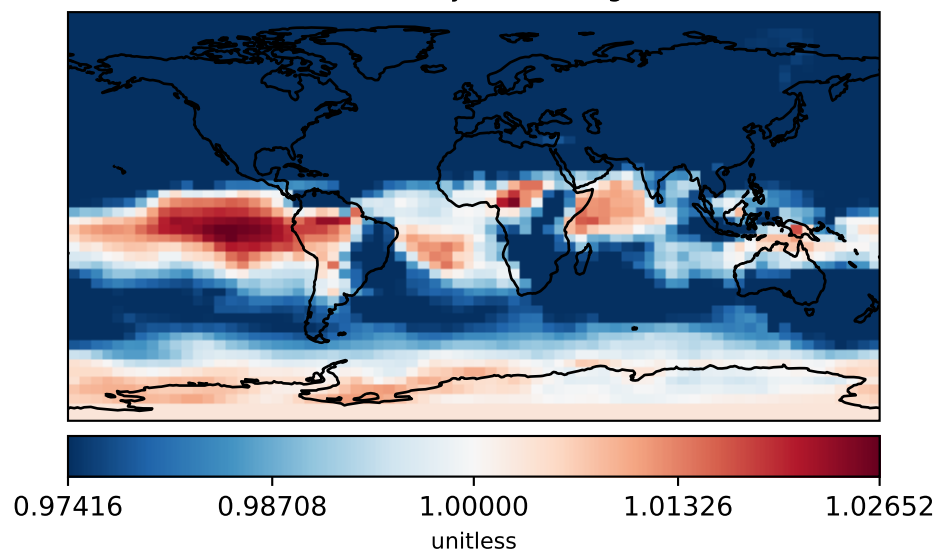
Difference  
Dev - Ref, Dynamic Range



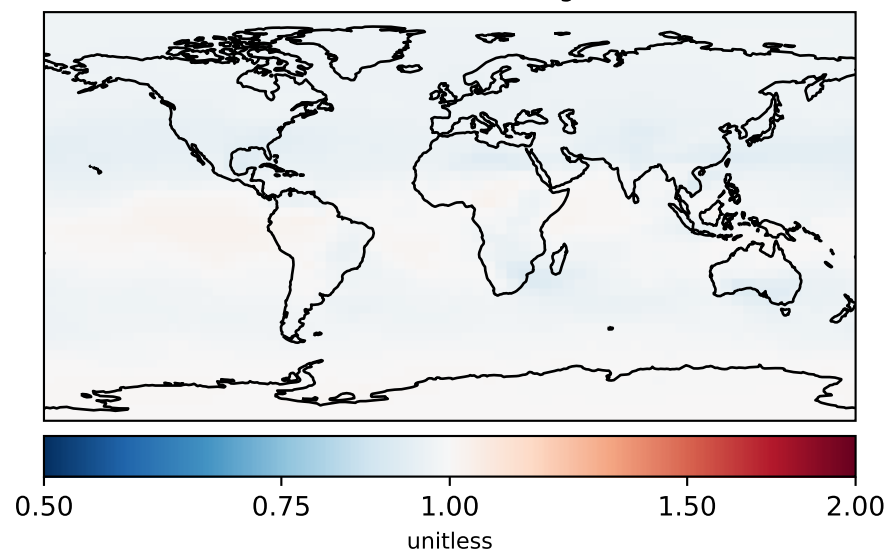
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



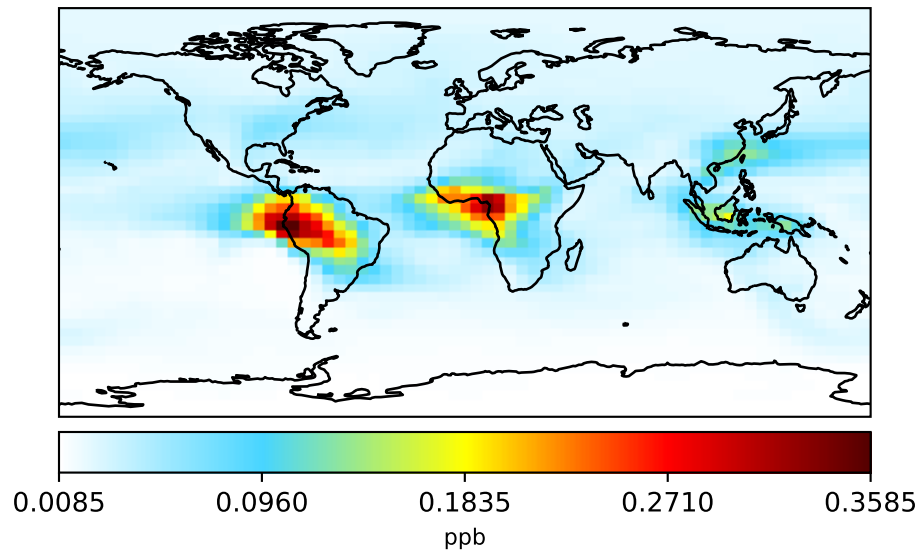
Ratio  
Dev/Ref, Fixed Range



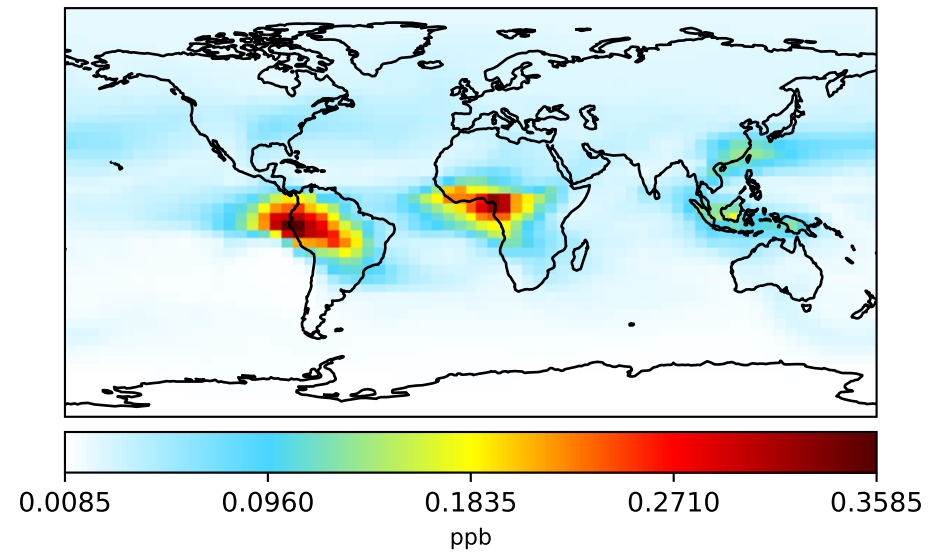


# SpeciesConcVV\_MAP (Apr2019)

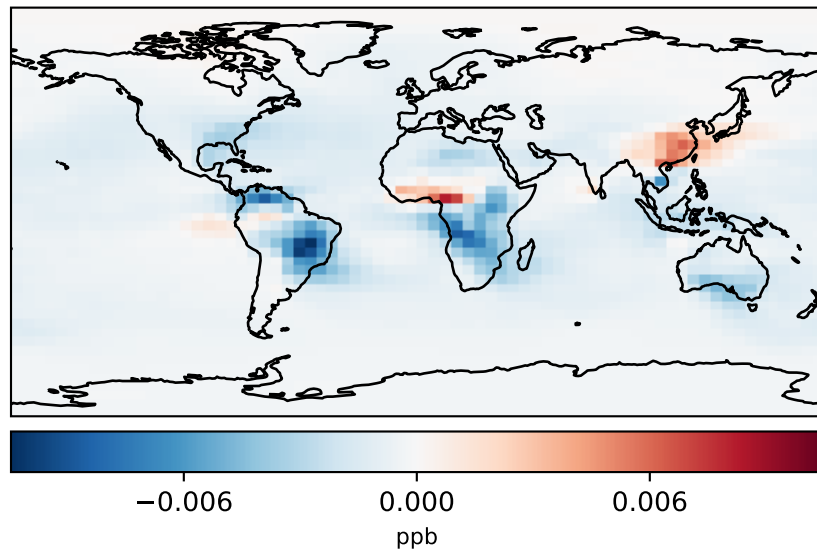
gcc-14.3.0-rc.0 (Ref)  
4.0x5.0



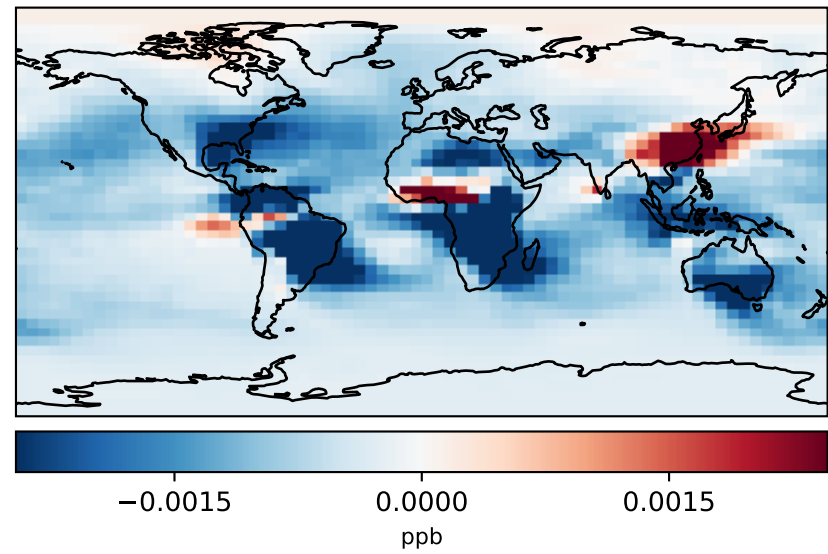
gcc-14.4.0-rc.0 (Dev)  
4.0x5.0



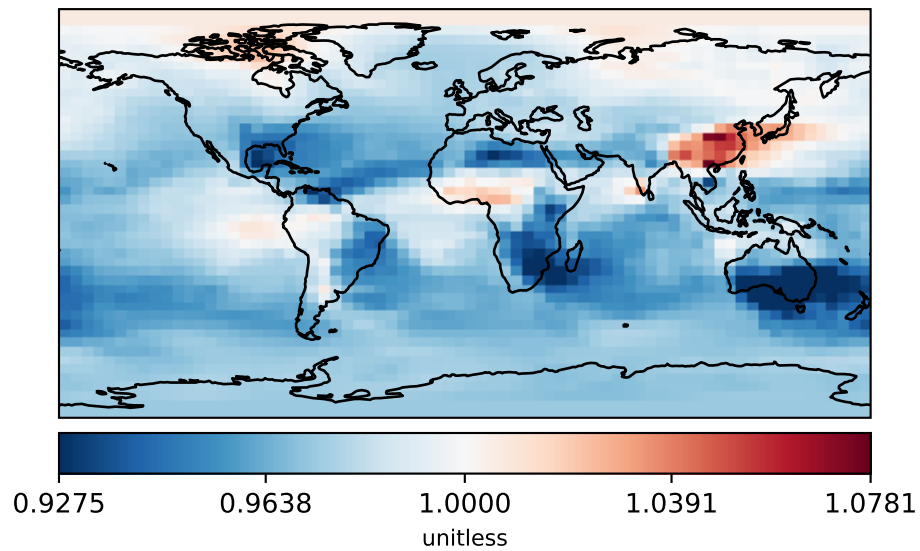
Difference  
Dev - Ref, Dynamic Range



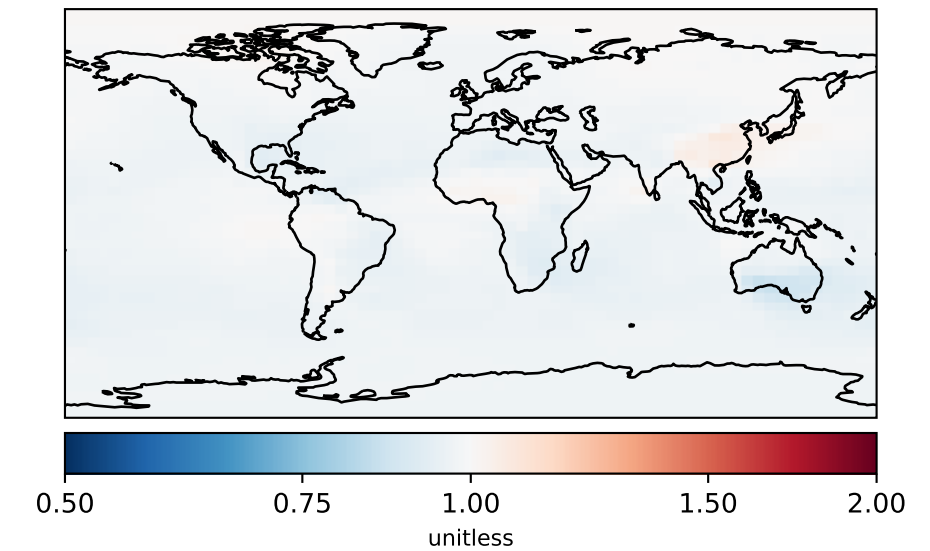
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

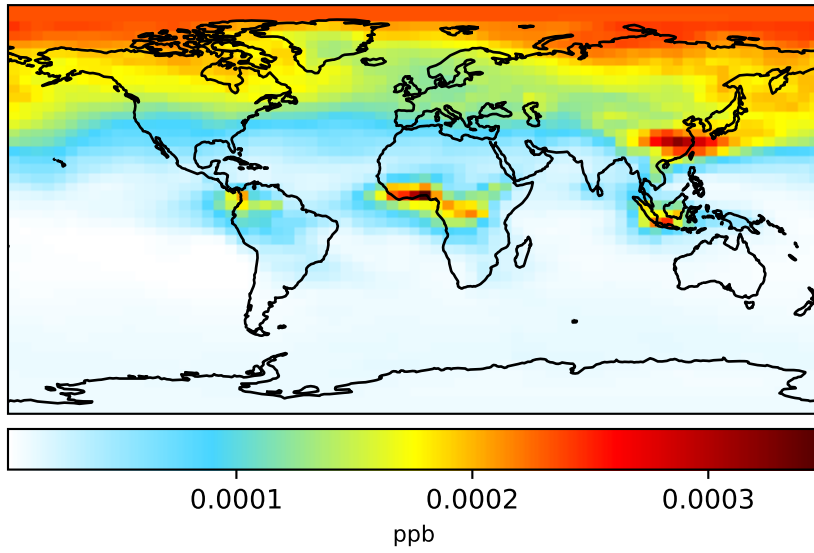


Ratio  
Dev/Ref, Fixed Range

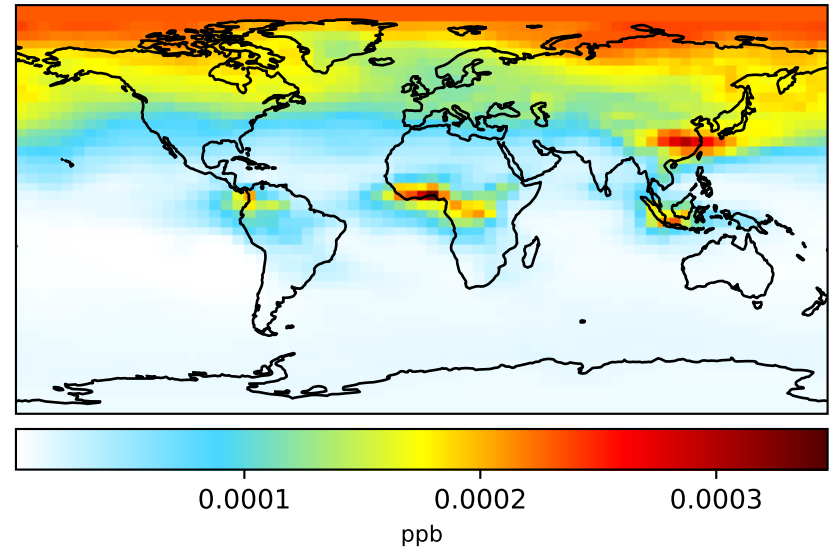


# SpeciesConcVV\_PHEN (Apr2019)

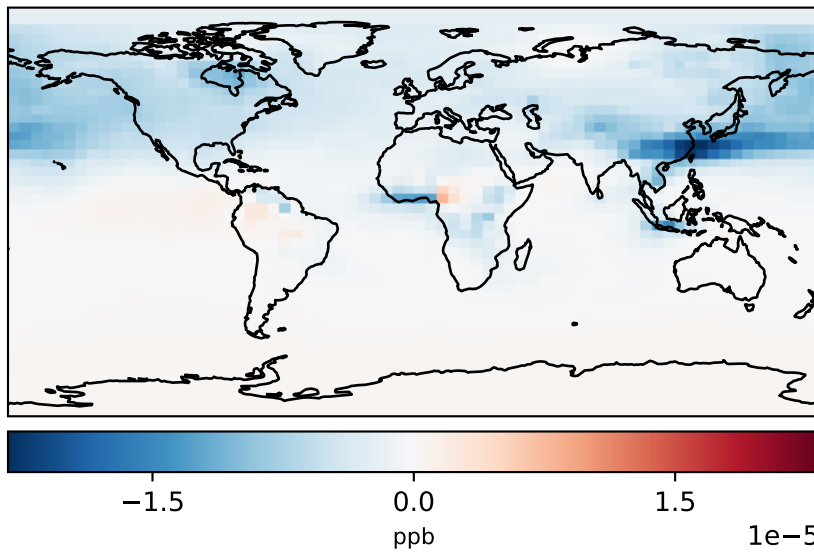
gcc-14.3.0-rc.0 (Ref)  
4.0x5.0



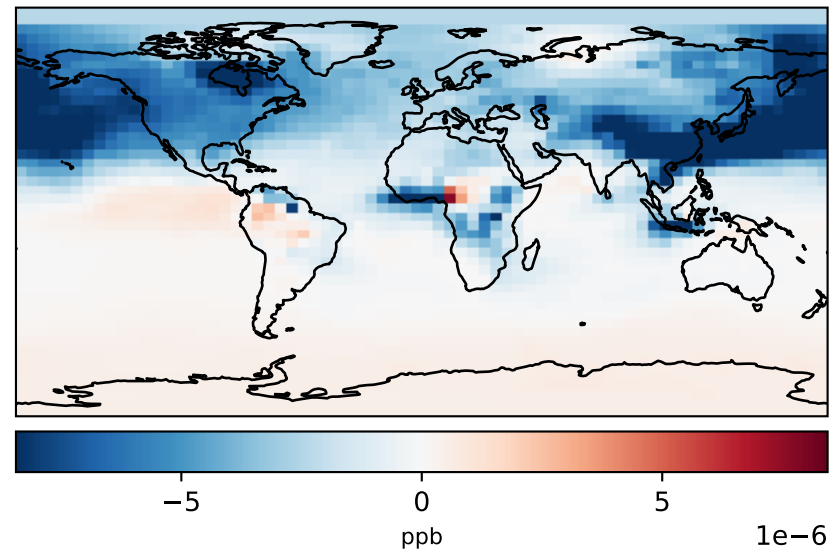
gcc-14.4.0-rc.0 (Dev)  
4.0x5.0



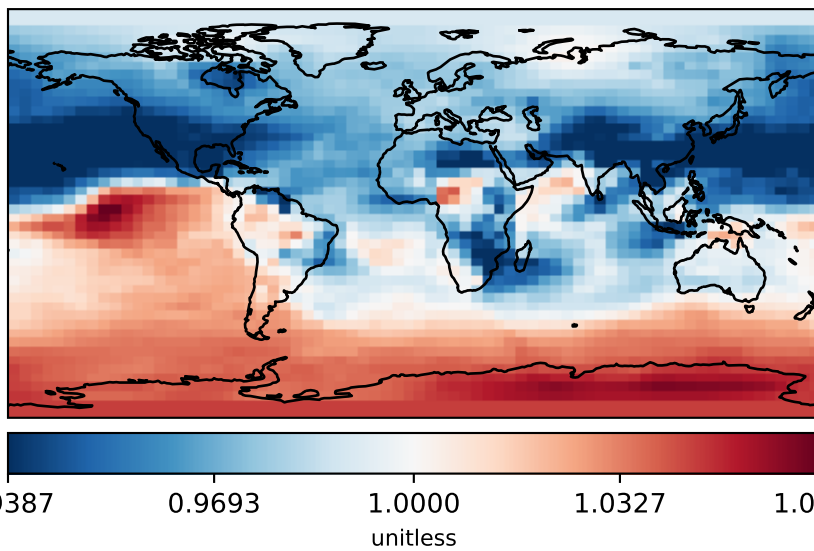
Difference  
Dev - Ref, Dynamic Range



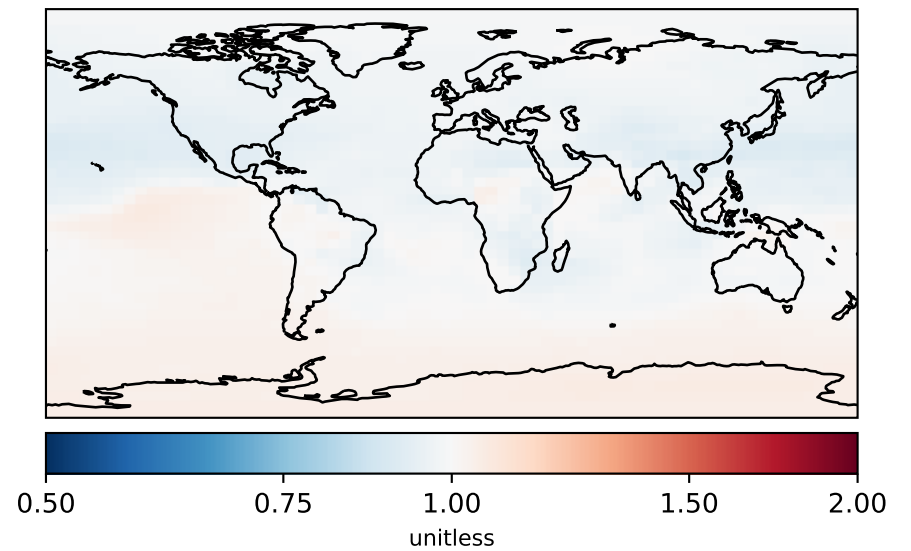
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

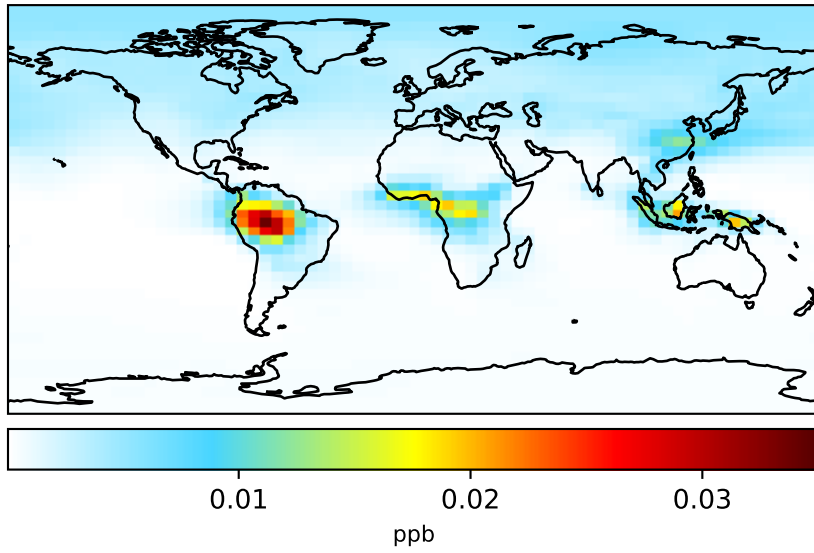


Ratio  
Dev/Ref, Fixed Range

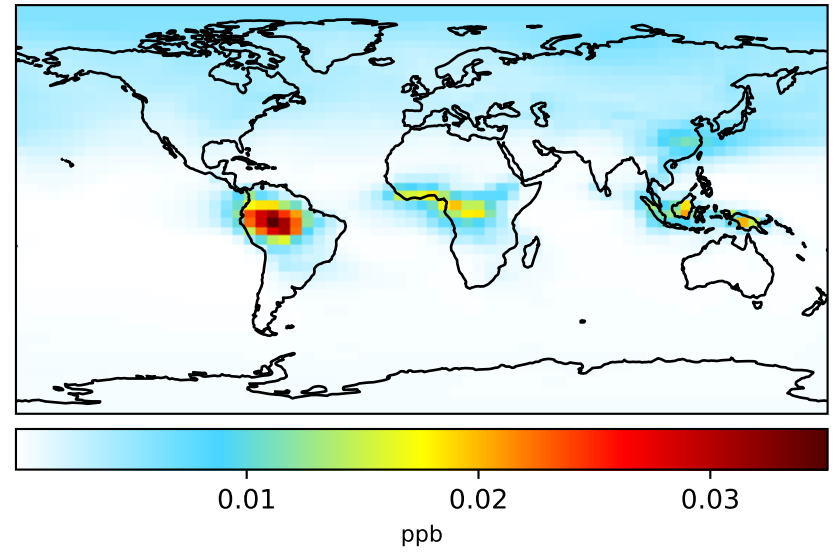


# SpeciesConcVV\_RCHO (Apr2019)

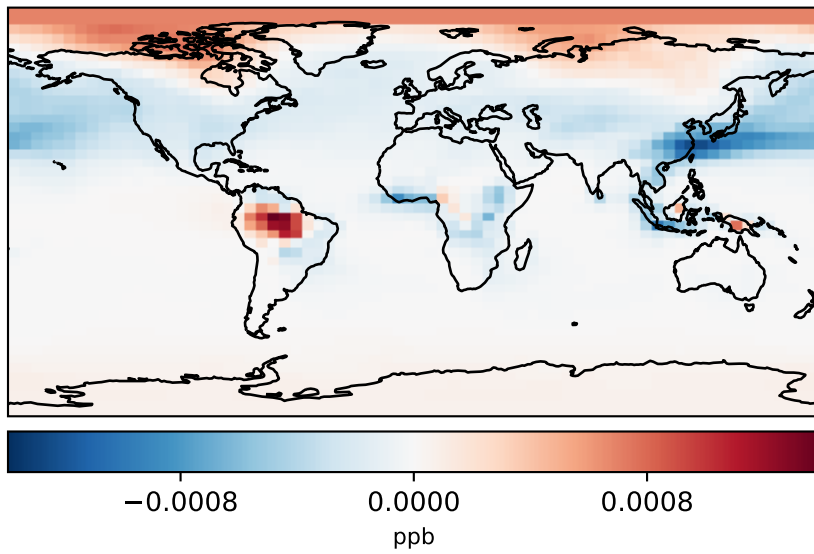
gcc-14.3.0-rc.0 (Ref)  
4.0x5.0



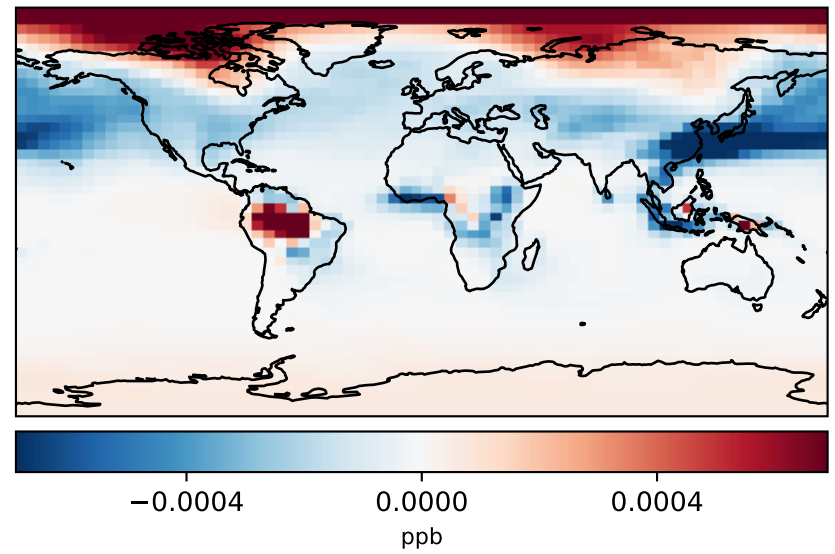
gcc-14.4.0-rc.0 (Dev)  
4.0x5.0



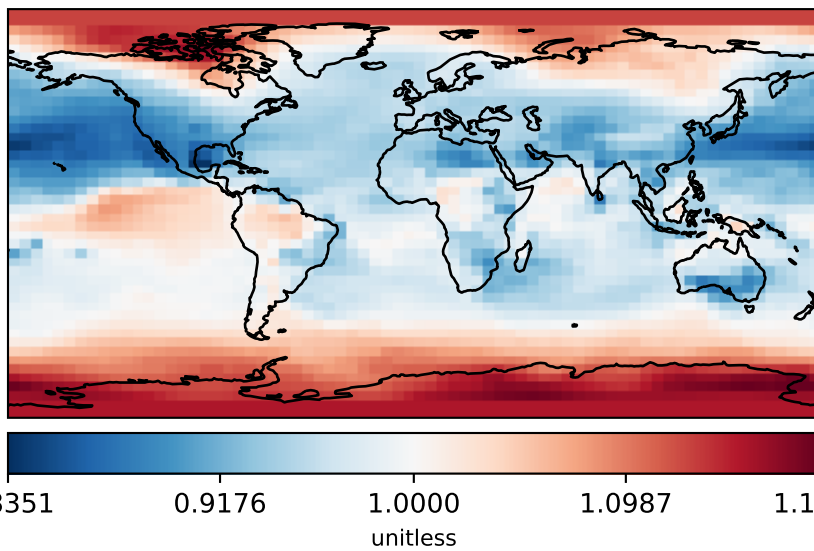
Difference  
Dev - Ref, Dynamic Range



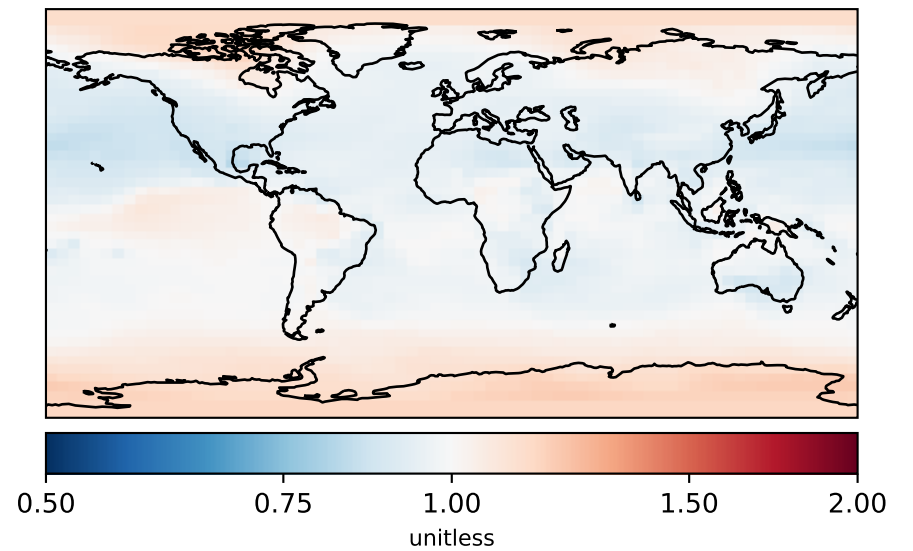
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

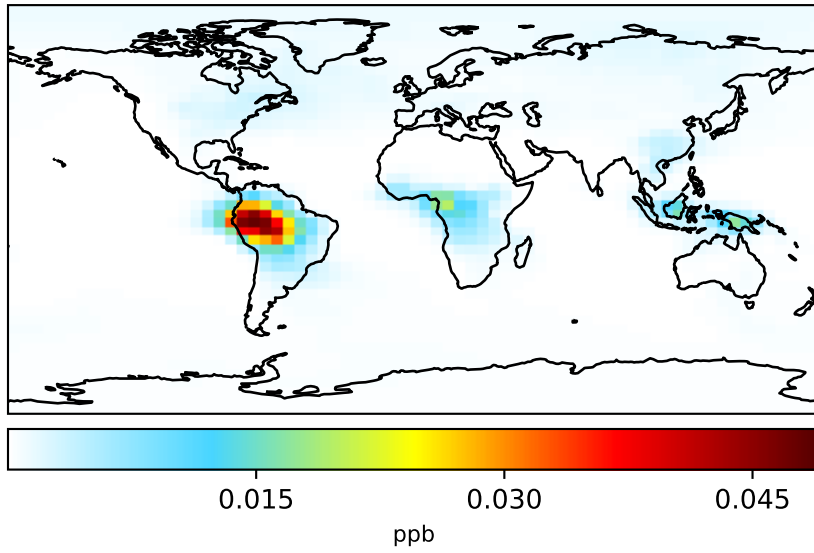


Ratio  
Dev/Ref, Fixed Range

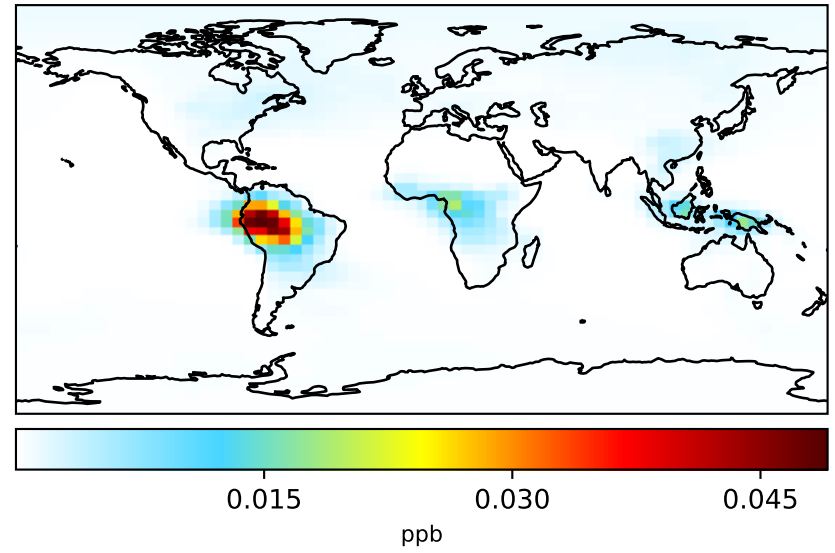


# SpeciesConcVV\_ETHP (Apr2019)

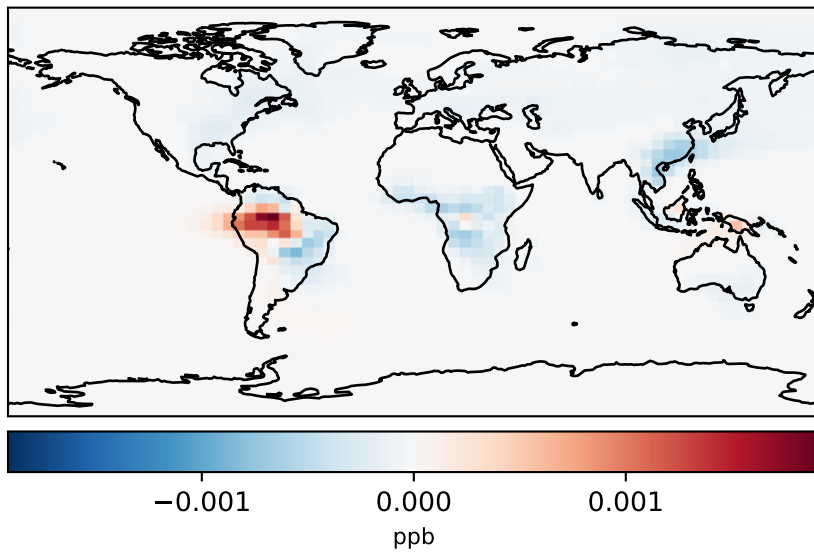
gcc-14.3.0-rc.0 (Ref)  
4.0x5.0



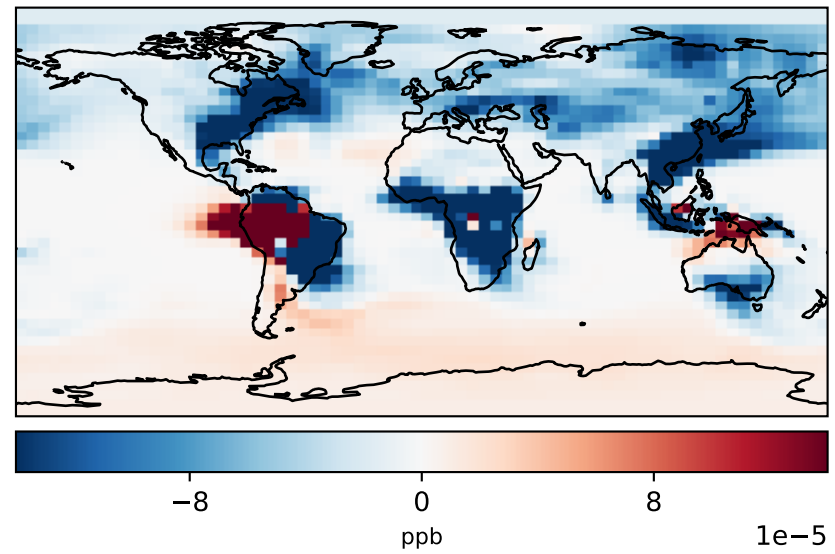
gcc-14.4.0-rc.0 (Dev)  
4.0x5.0



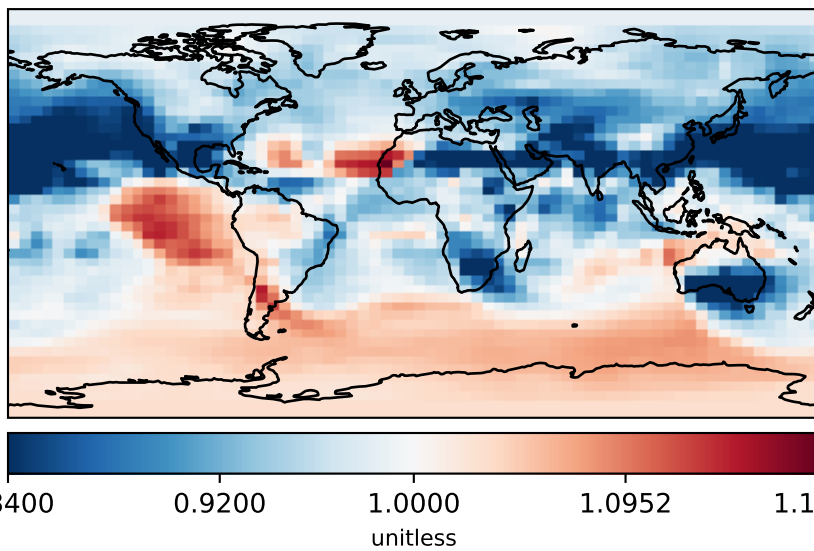
Difference  
Dev - Ref, Dynamic Range



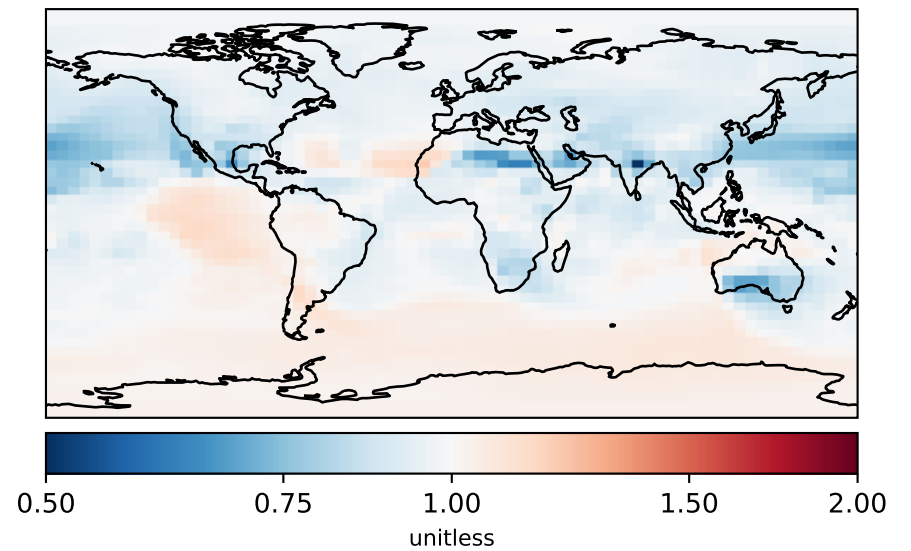
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



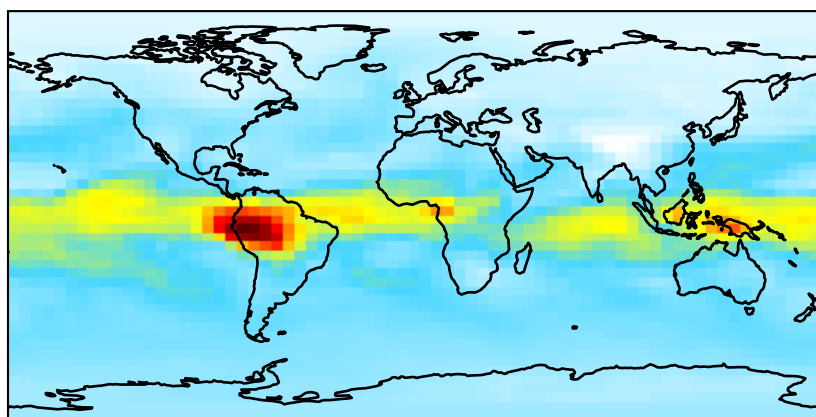
Ratio  
Dev/Ref, Fixed Range





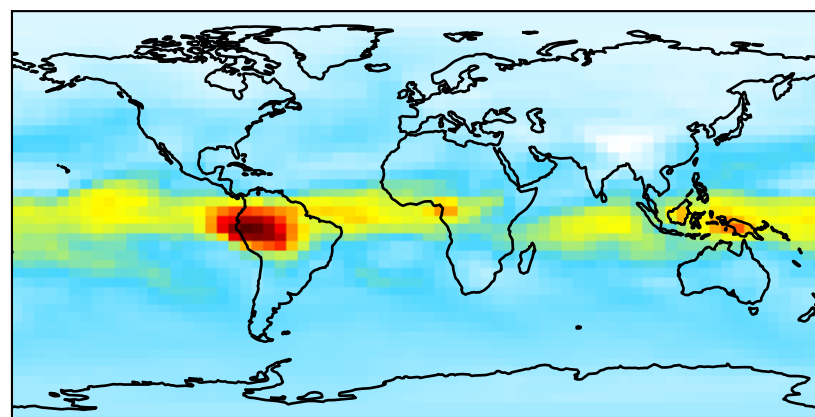
# SpeciesConcVV\_MP (Apr2019)

gcc-14.3.0-rc.0 (Ref)  
4.0x5.0



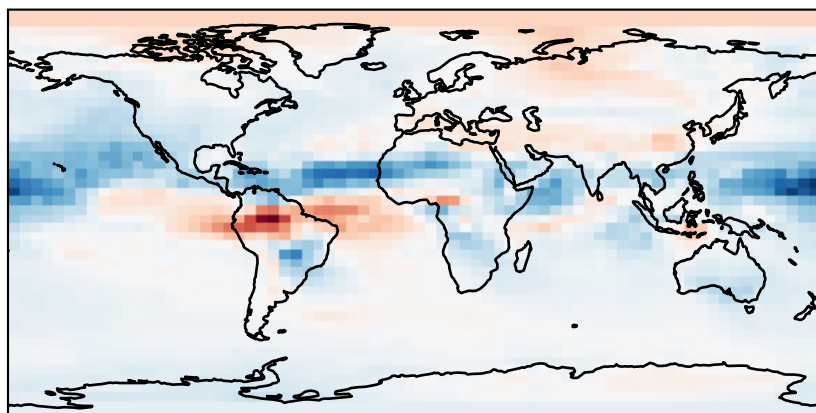
0.0631 0.2893 0.5155 0.7417 0.9678  
ppb

gcc-14.4.0-rc.0 (Dev)  
4.0x5.0



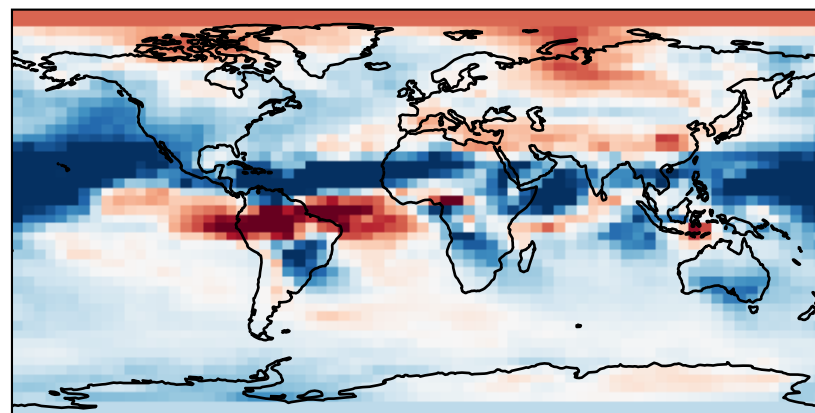
0.0631 0.2893 0.5155 0.7417 0.9678  
ppb

Difference  
Dev - Ref, Dynamic Range



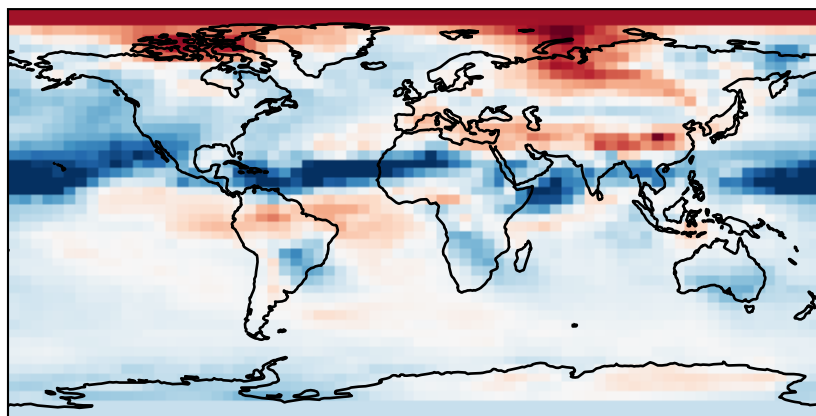
-0.008 0.000 0.008  
ppb

Difference  
Dev - Ref, Restricted Range [5%,95%]



-0.003 0.000 0.003  
ppb

Ratio  
Dev/Ref, Dynamic Range



0.96293 0.98146 1.00000 1.01925 1.03850  
unitless

Ratio  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless