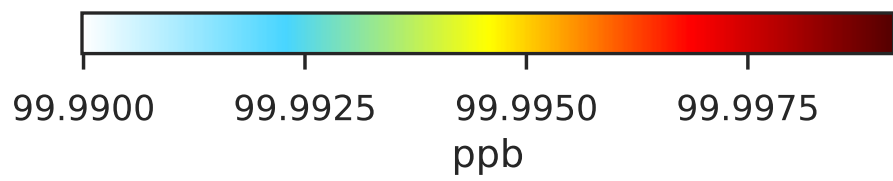
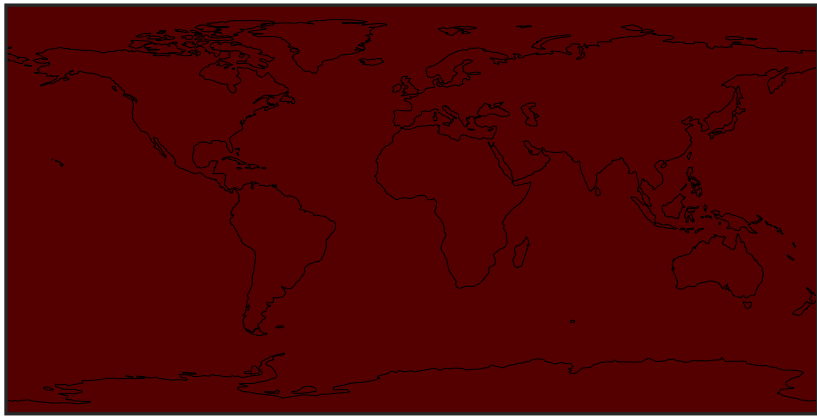
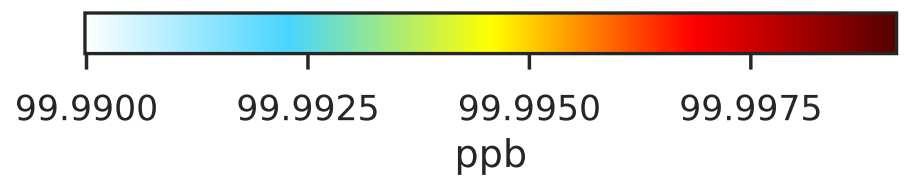
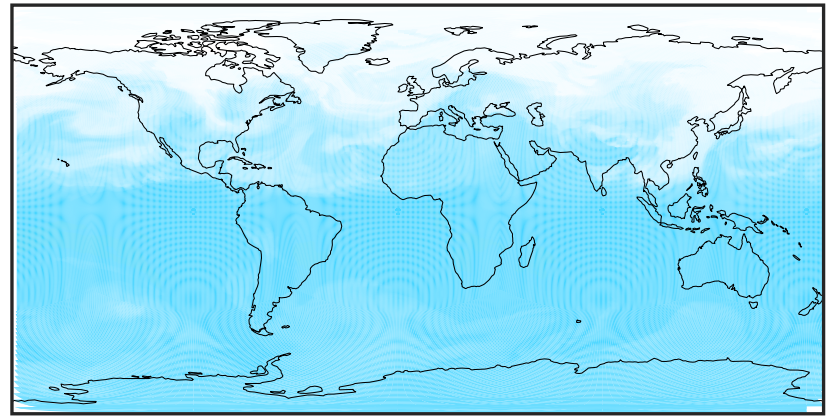


# SpeciesConcVV\_PassiveTracer (Oct2019)

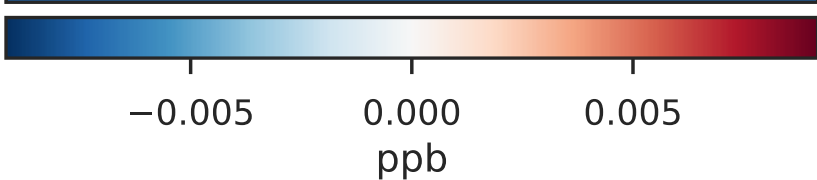
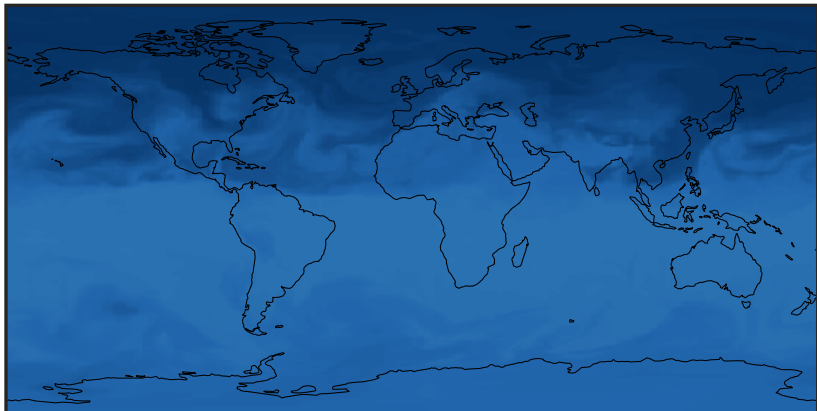
GCC 14.2.2 (Ref)  
4.0x5.0



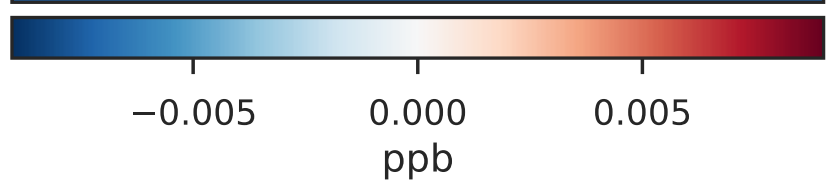
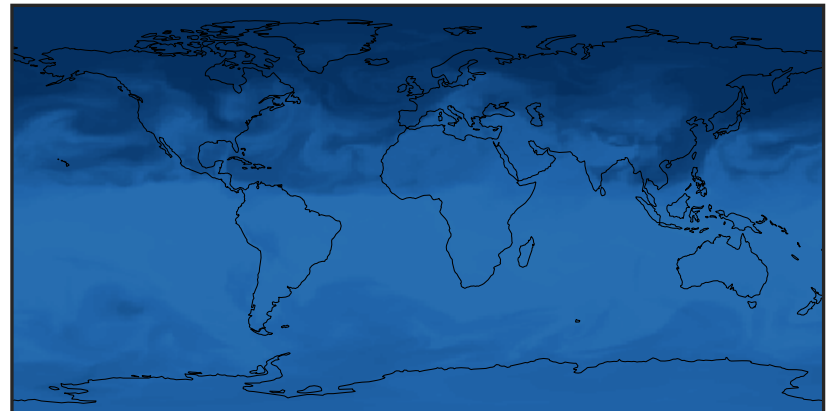
GCHP 14.2.2 using mass flux (Dev)  
c180



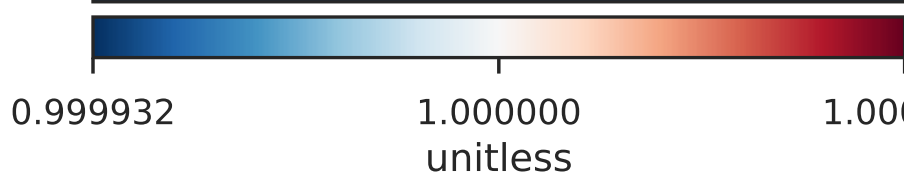
Difference (1x1.25)  
Dev - Ref, Dynamic Range



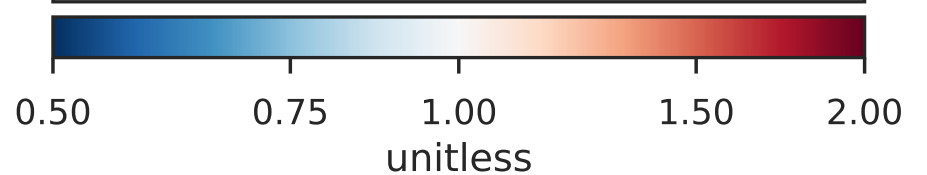
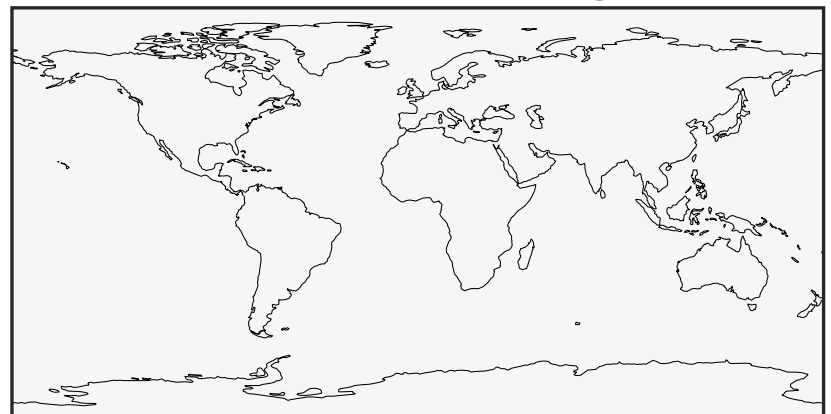
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

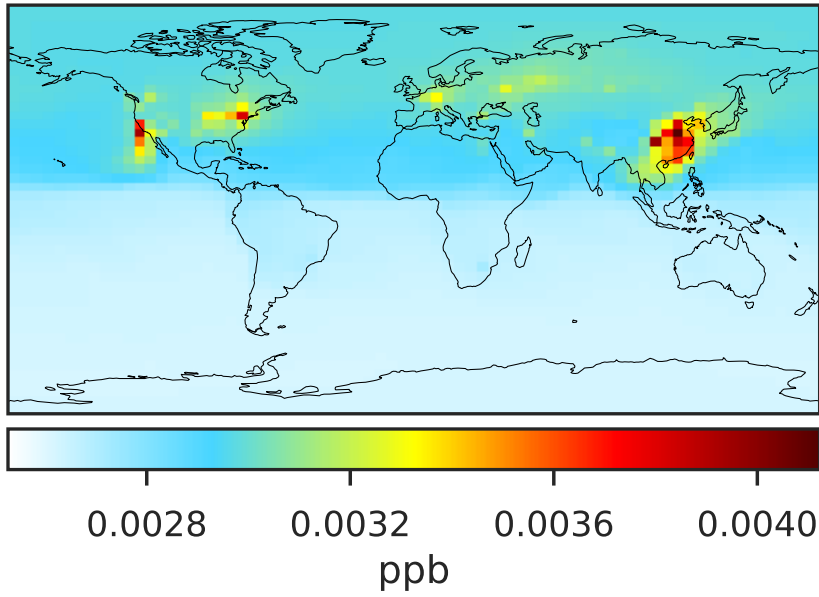


Ratio (1x1.25)  
Dev/Ref, Fixed Range

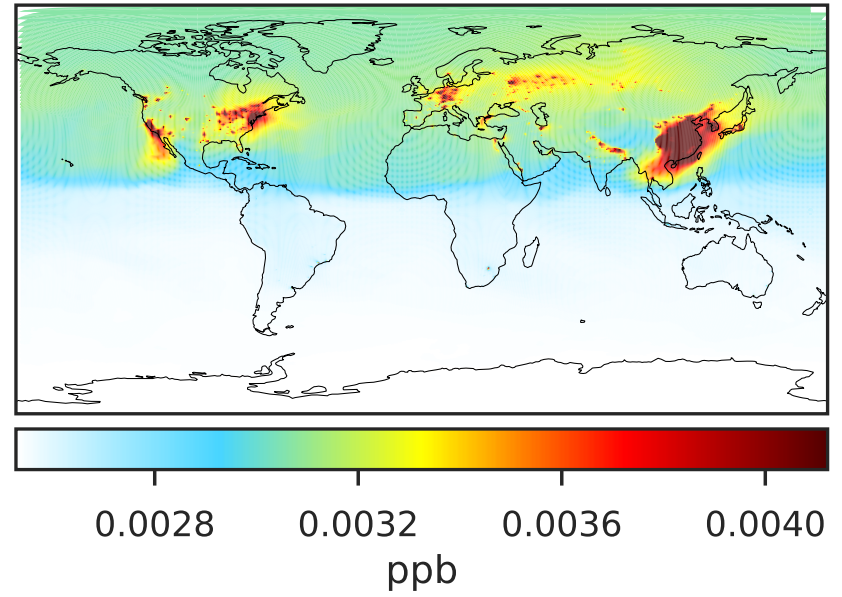


# SpeciesConcVV\_SF6 (Oct2019)

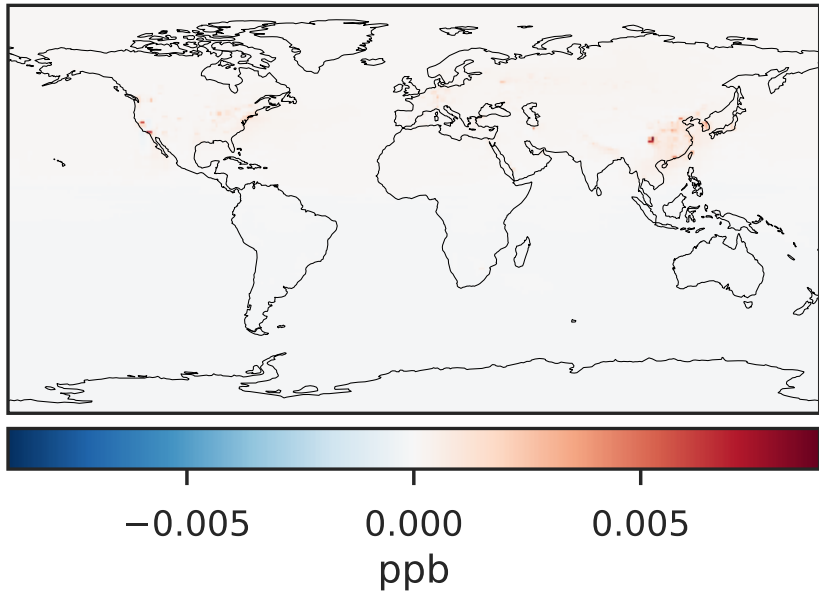
GCC 14.2.2 (Ref)  
4.0x5.0



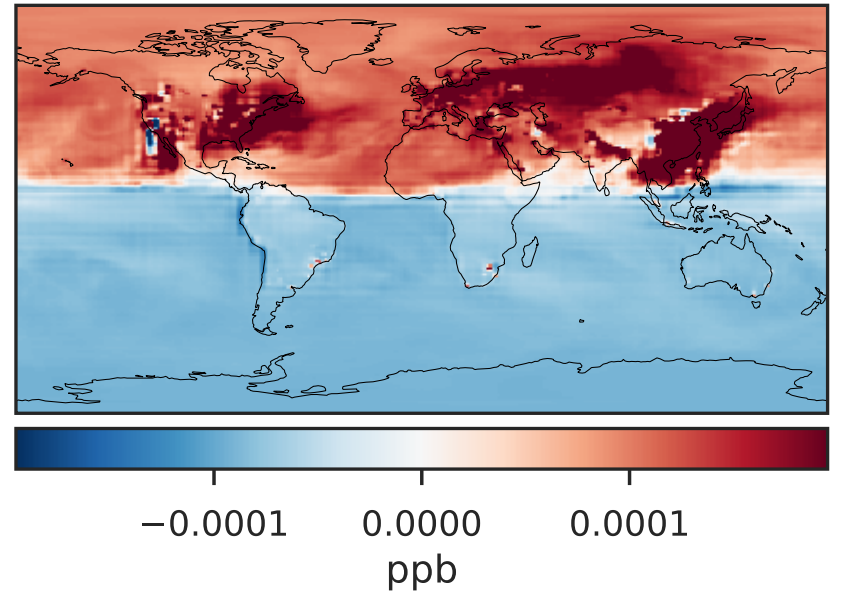
GCHP 14.2.2 using mass flux (Dev)  
c180



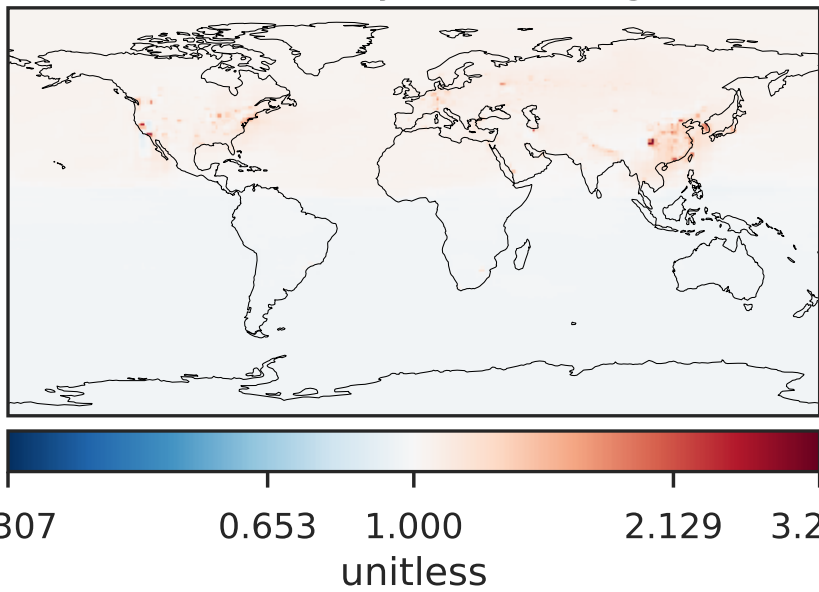
Difference (1x1.25)  
Dev - Ref, Dynamic Range



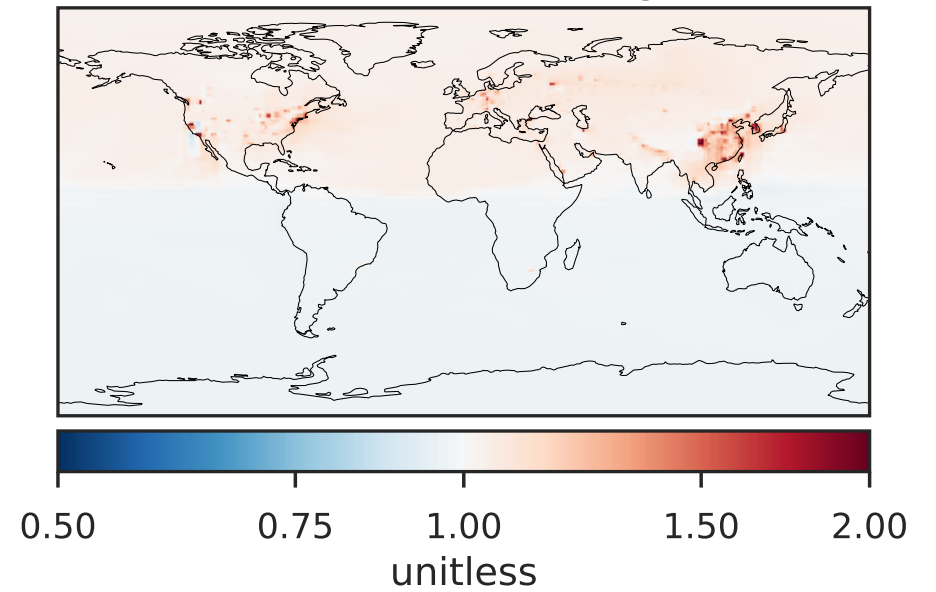
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

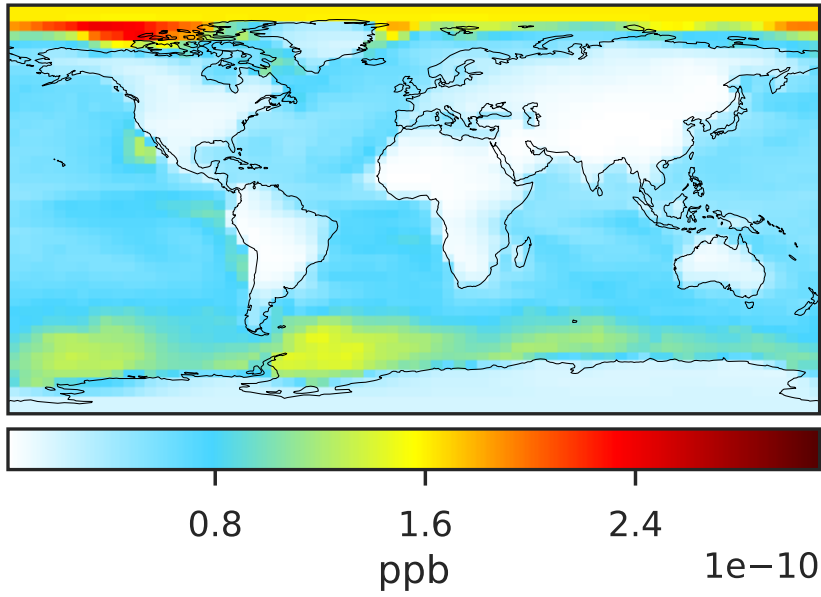


Ratio (1x1.25)  
Dev/Ref, Fixed Range

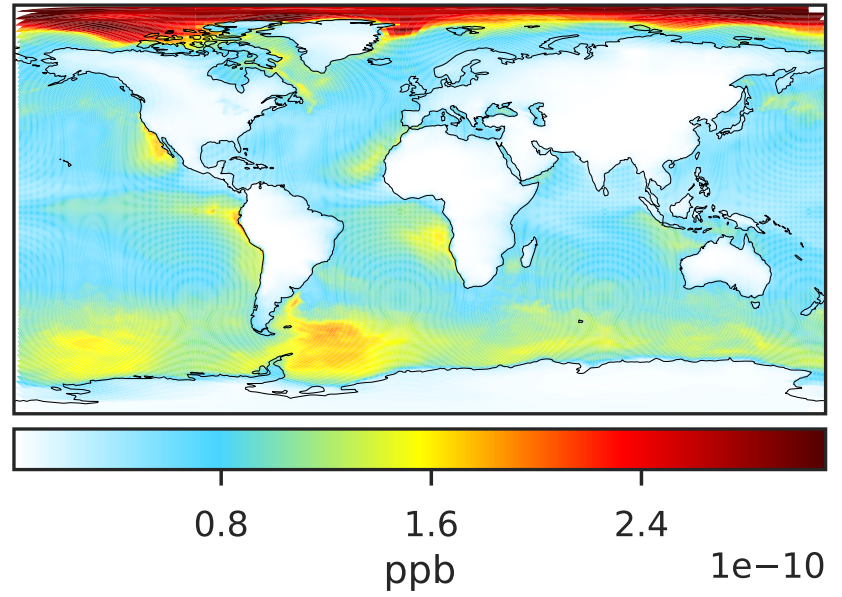


# SpeciesConcVV\_CH3I (Oct2019)

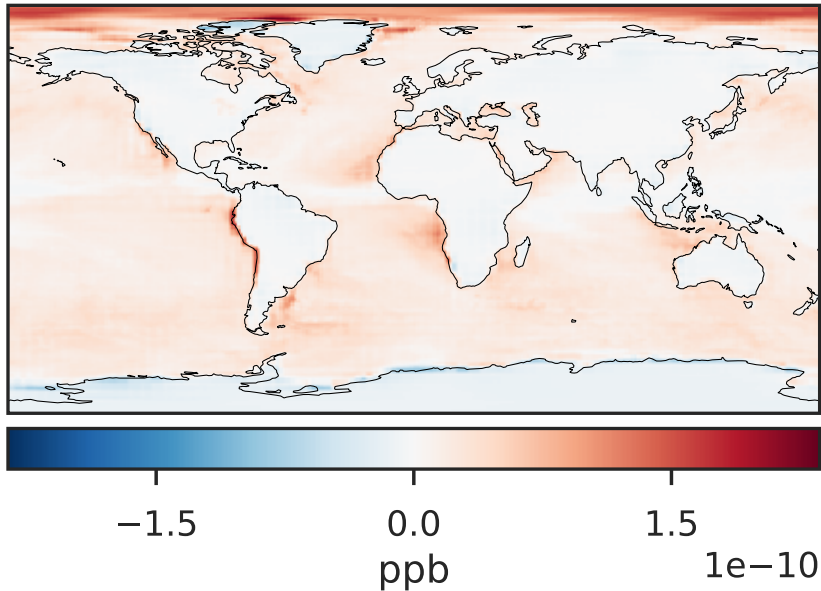
GCC 14.2.2 (Ref)  
4.0x5.0



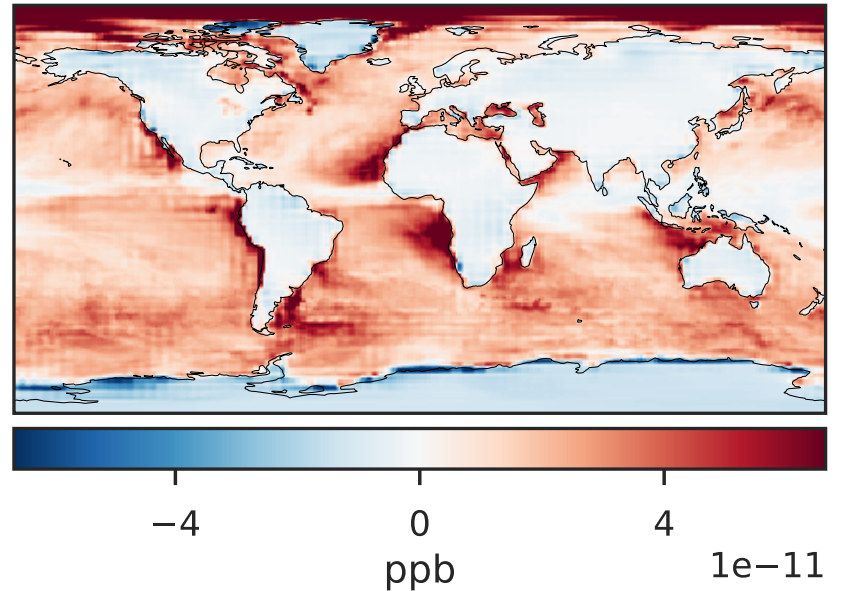
GCHP 14.2.2 using mass flux (Dev)  
c180



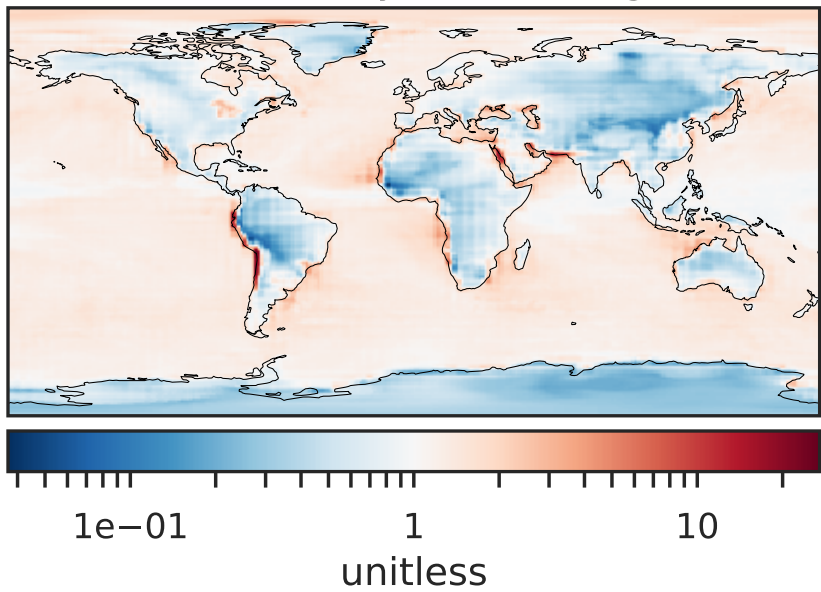
Difference (1x1.25)  
Dev - Ref, Dynamic Range



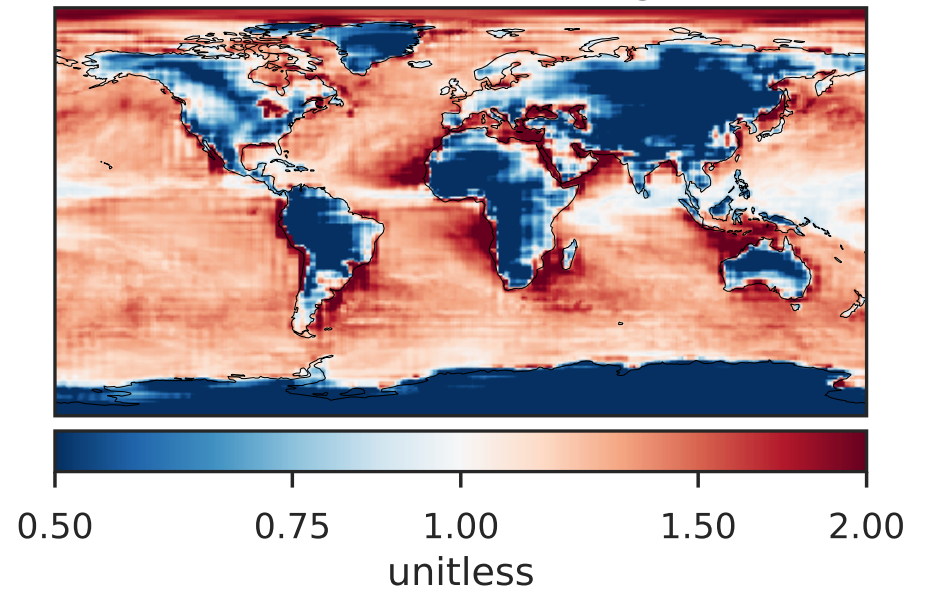
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

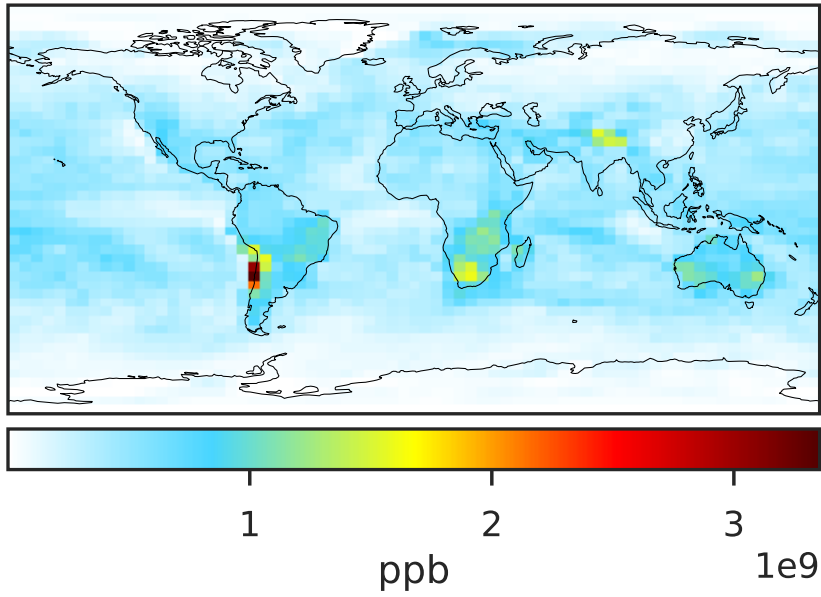


Ratio (1x1.25)  
Dev/Ref, Fixed Range

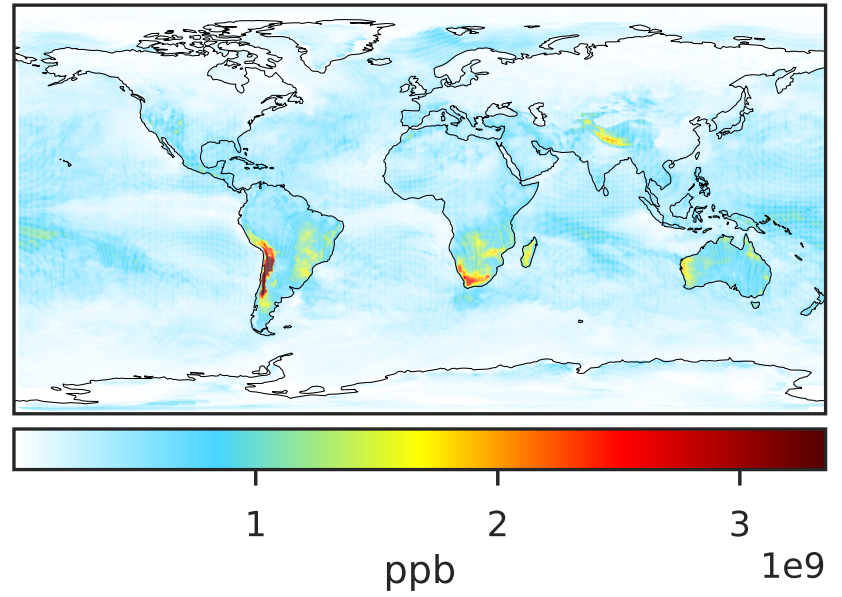


# SpeciesConcVV\_aoa (Oct2019)

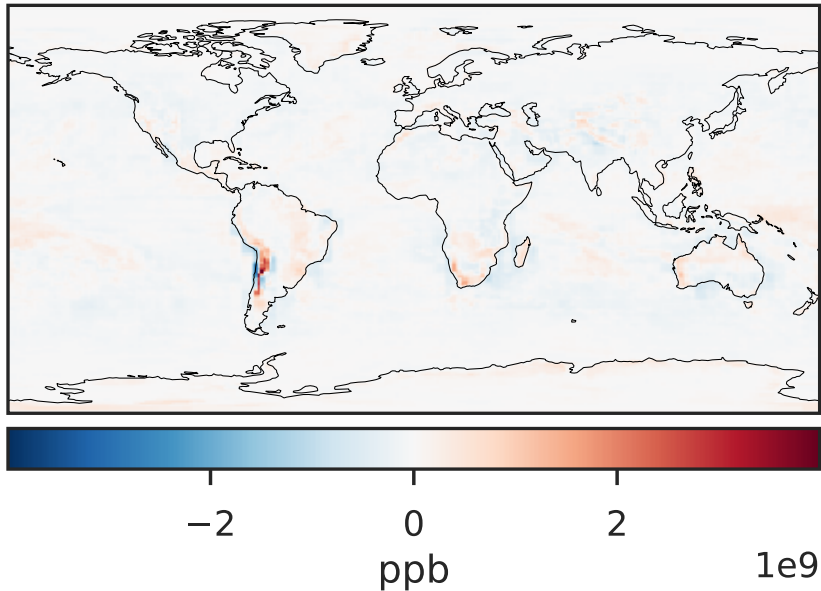
GCC 14.2.2 (Ref)  
4.0x5.0



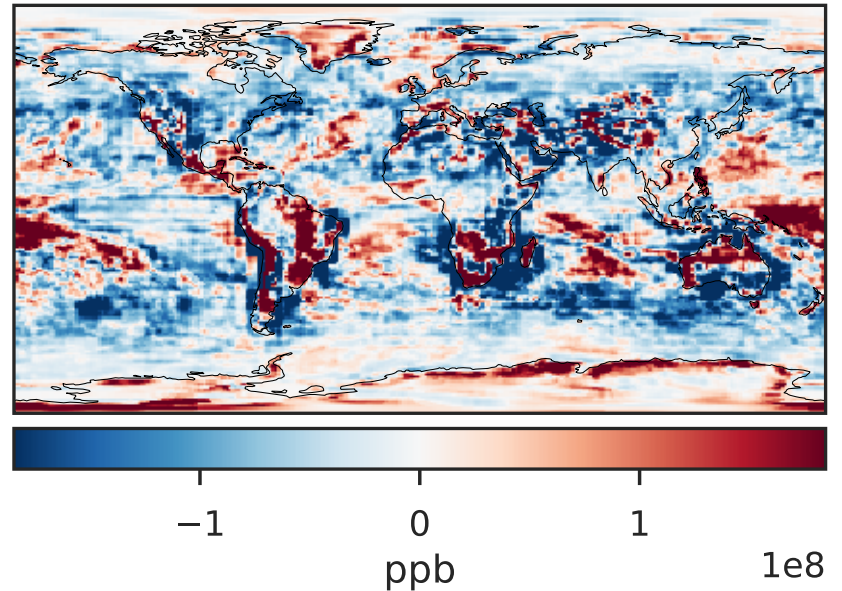
GCHP 14.2.2 using mass flux (Dev)  
c180



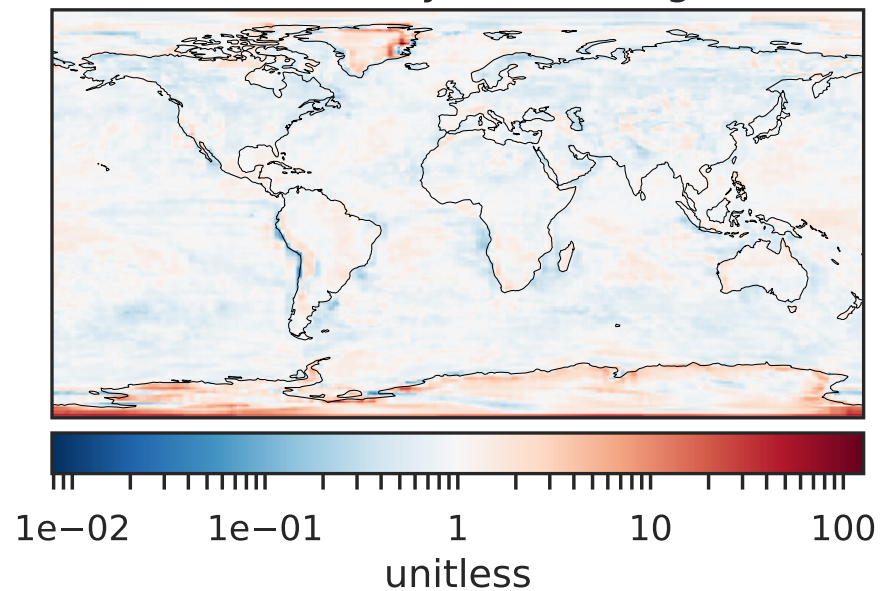
Difference (1x1.25)  
Dev - Ref, Dynamic Range



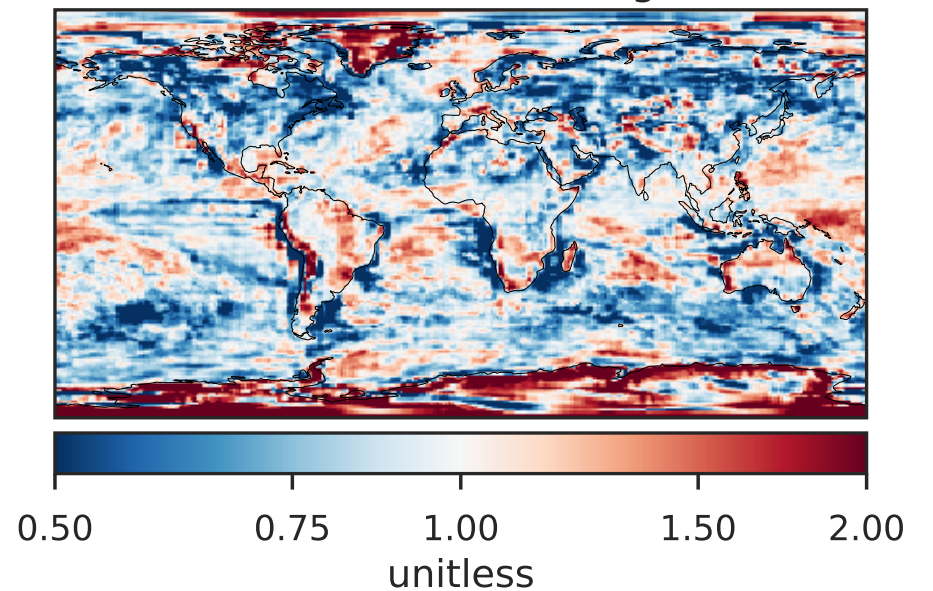
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

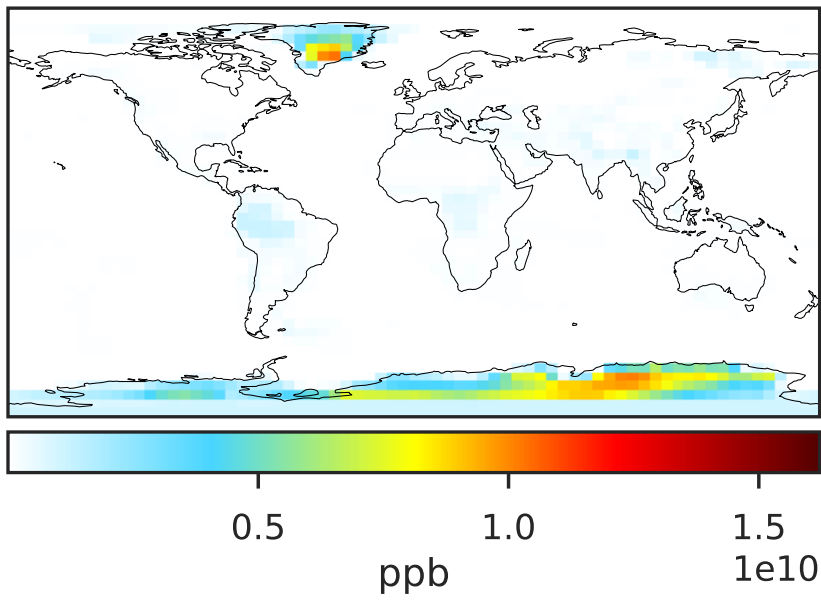


Ratio (1x1.25)  
Dev/Ref, Fixed Range

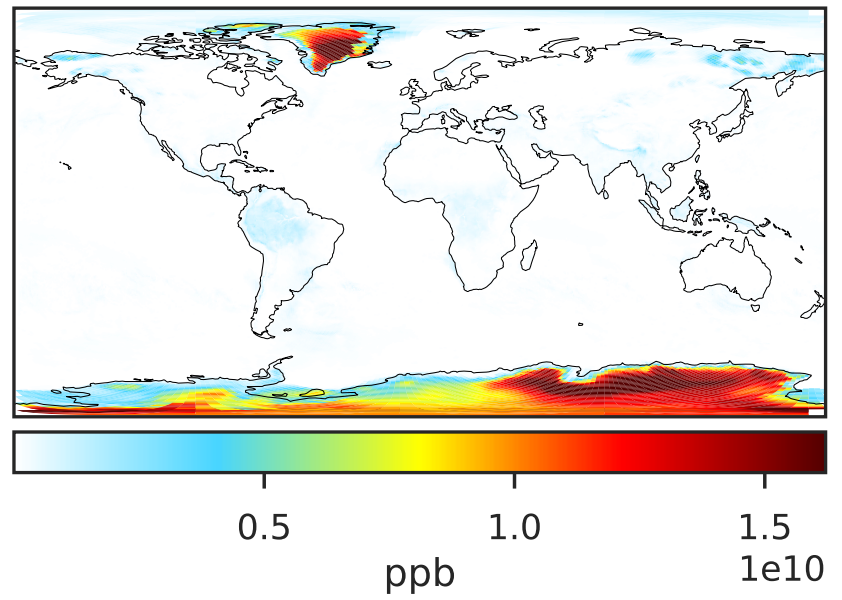


# SpeciesConcVV\_aoa\_bl (Oct2019)

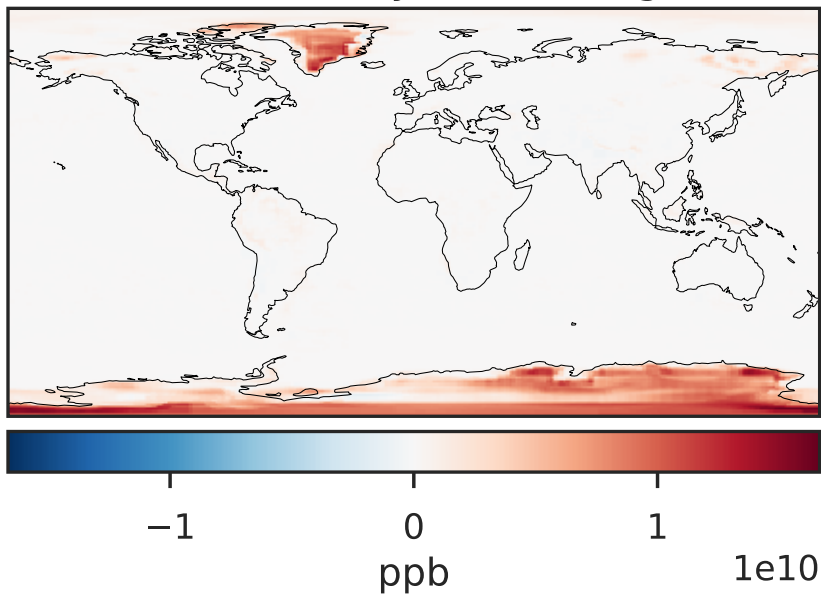
GCC 14.2.2 (Ref)  
4.0x5.0



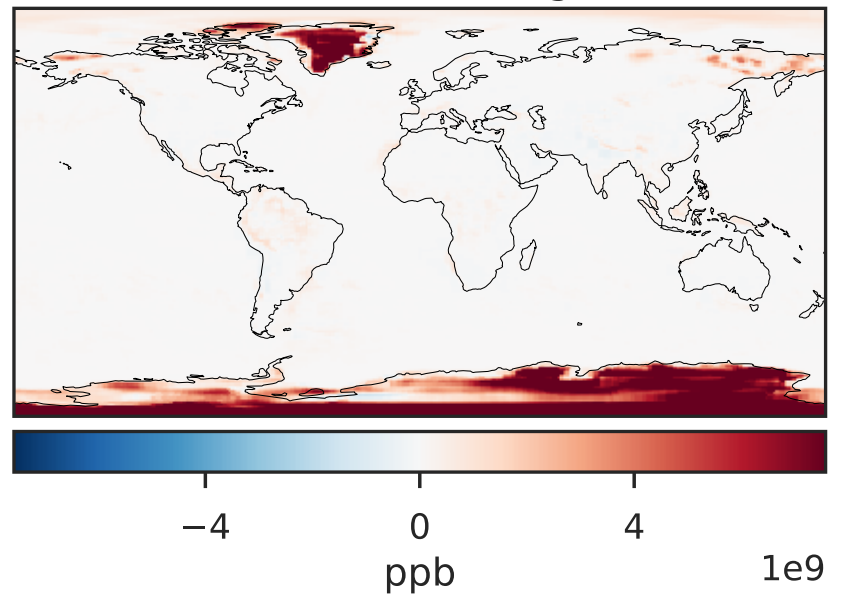
GCHP 14.2.2 using mass flux (Dev)  
c180



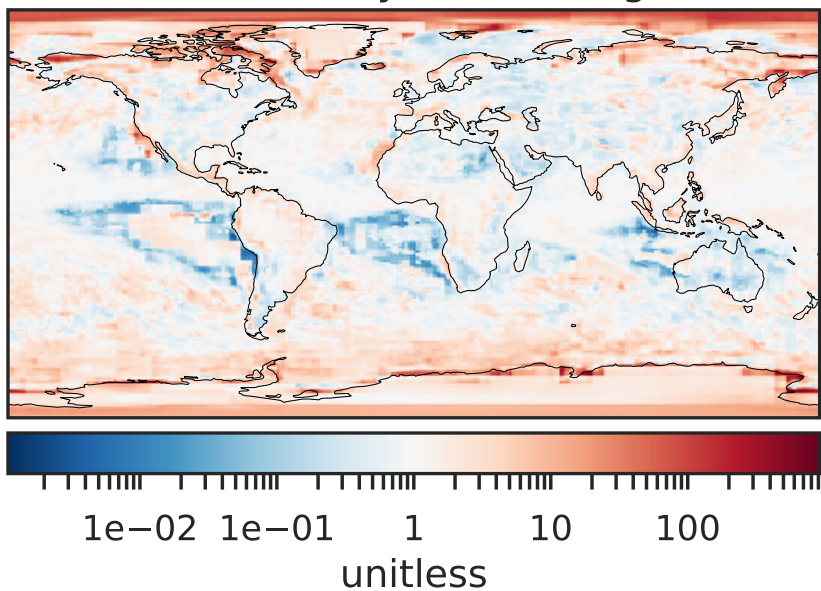
Difference (1x1.25)  
Dev - Ref, Dynamic Range



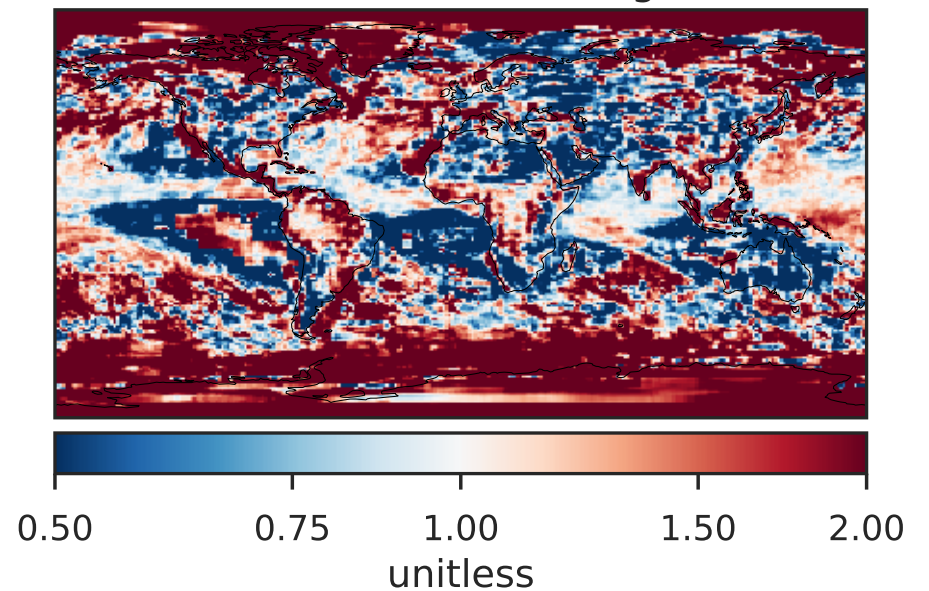
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

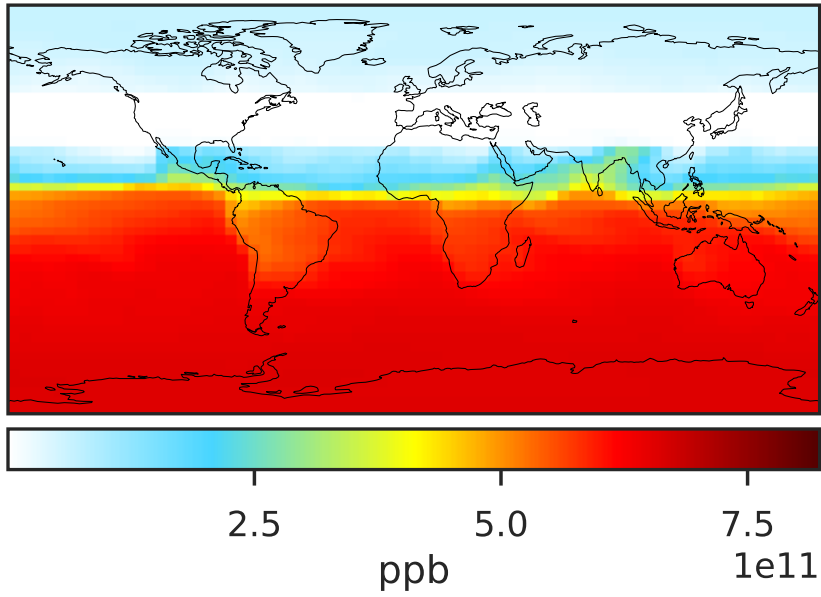


Ratio (1x1.25)  
Dev/Ref, Fixed Range

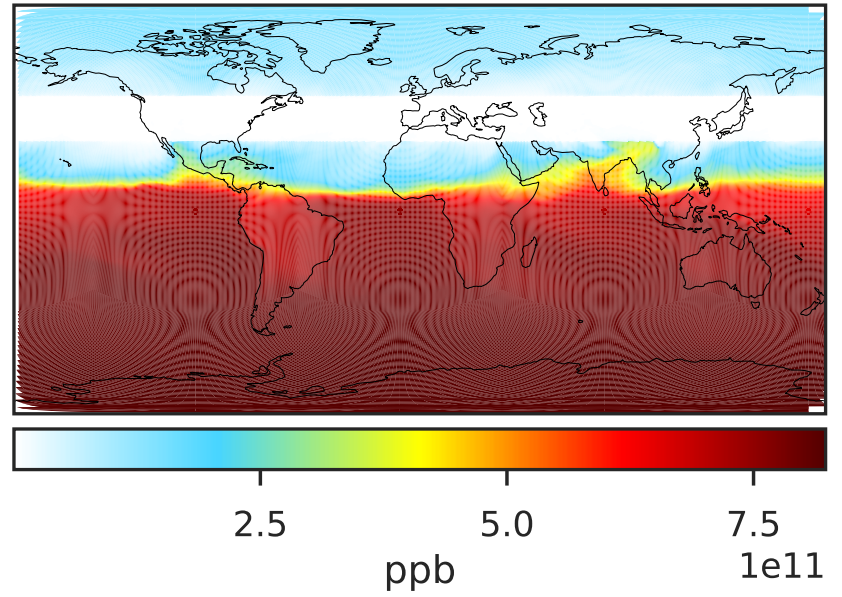


# SpeciesConcVW\_aoa\_nh (Oct2019)

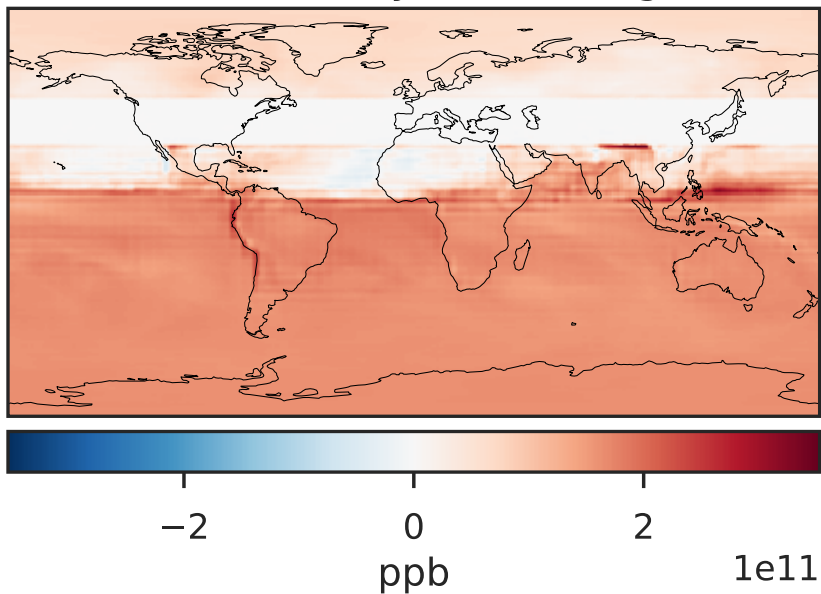
GCC 14.2.2 (Ref)  
4.0x5.0



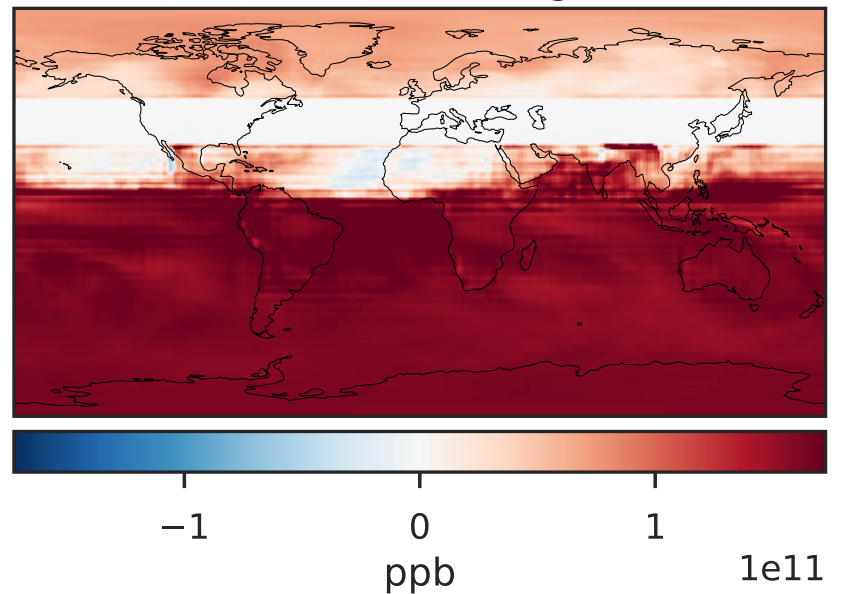
GCHP 14.2.2 using mass flux (Dev)  
c180



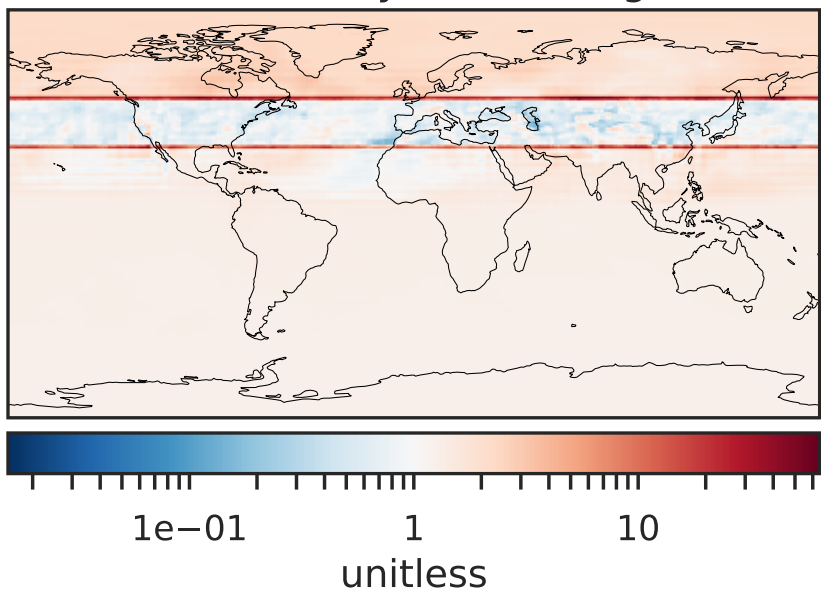
Difference (1x1.25)  
Dev - Ref, Dynamic Range



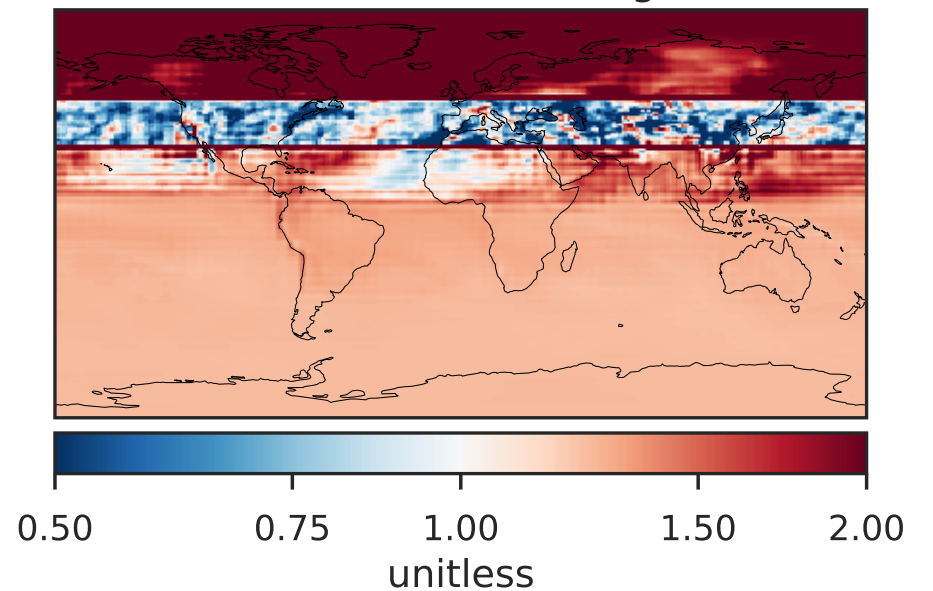
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

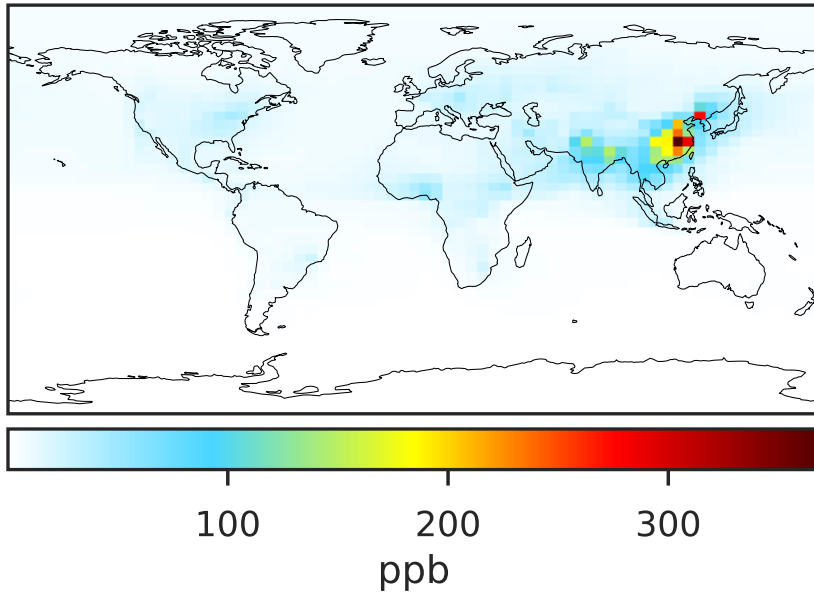


Ratio (1x1.25)  
Dev/Ref, Fixed Range

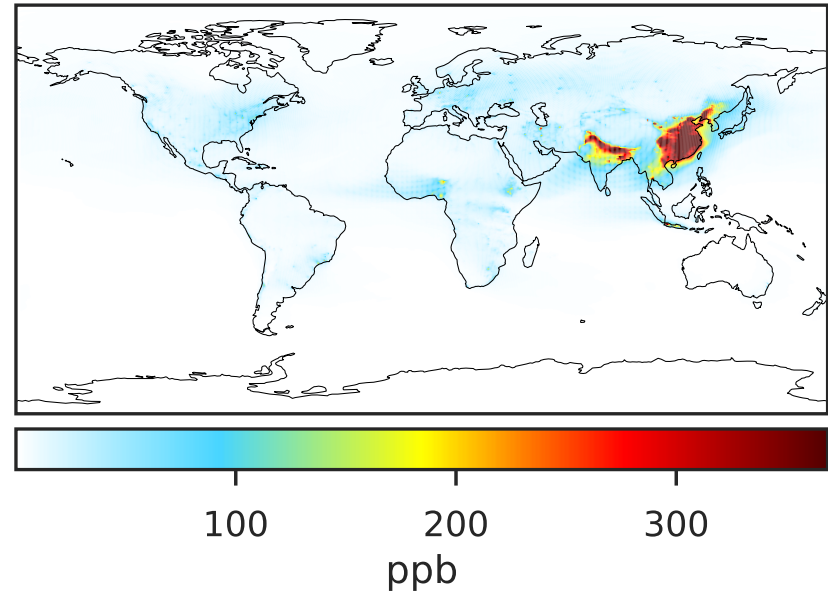


# SpeciesConcVV\_CO\_25 (Oct2019)

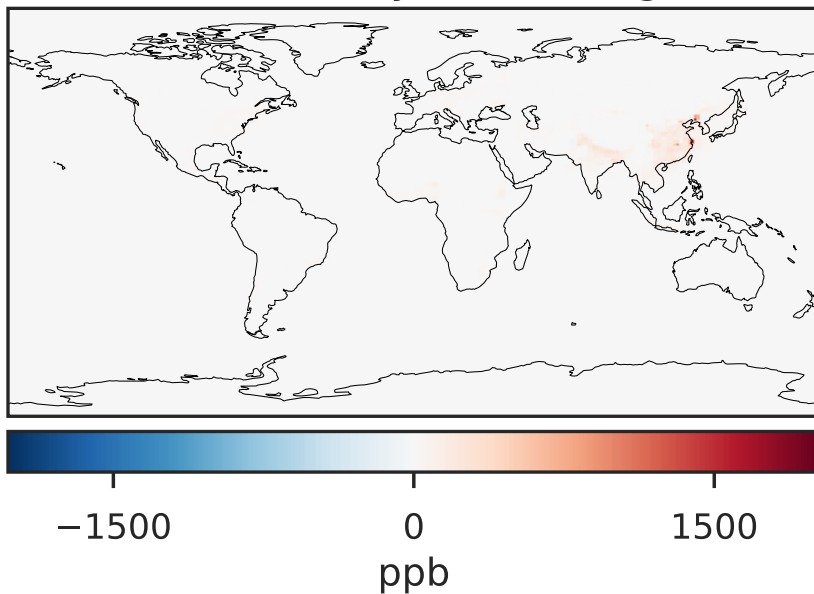
GCC 14.2.2 (Ref)  
4.0x5.0



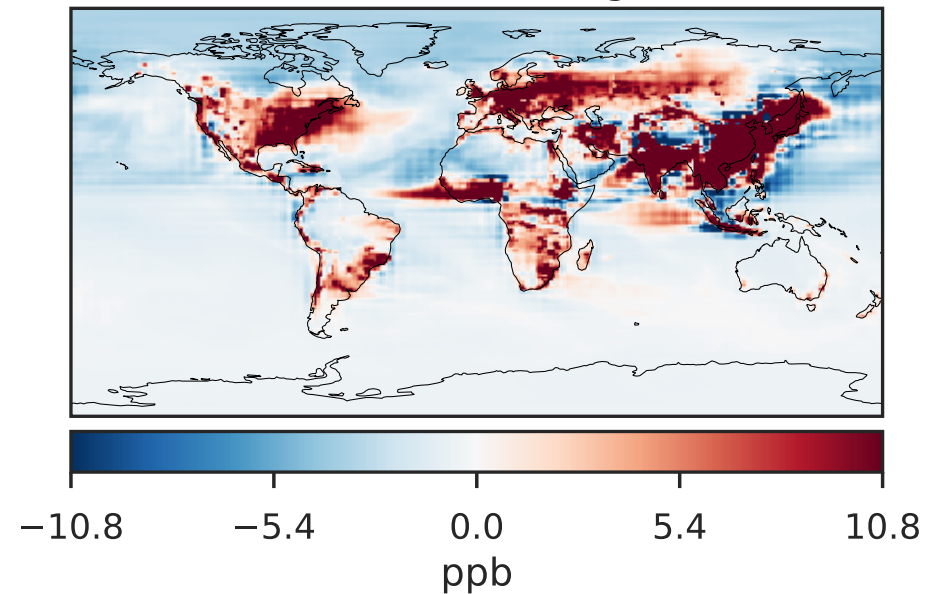
GCHP 14.2.2 using mass flux (Dev)  
c180



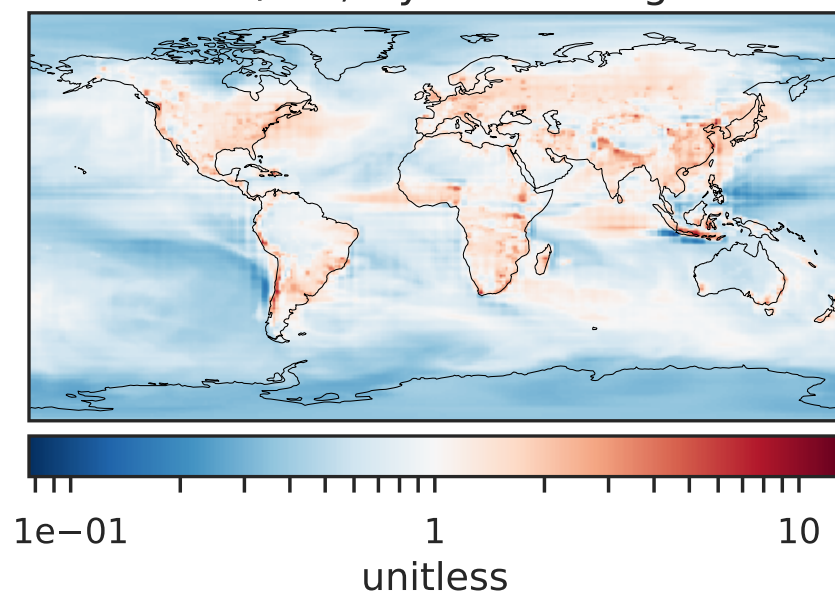
Difference (1x1.25)  
Dev - Ref, Dynamic Range



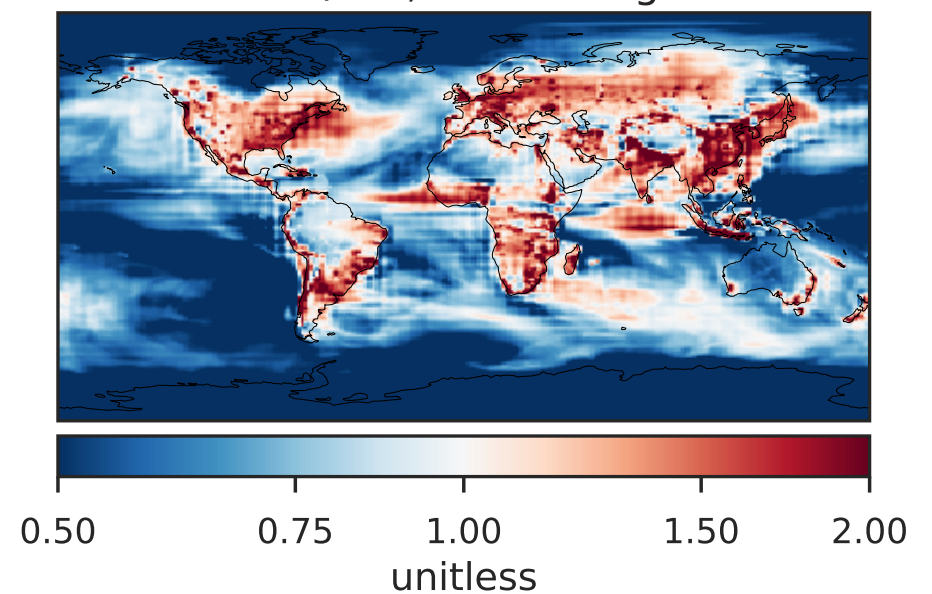
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

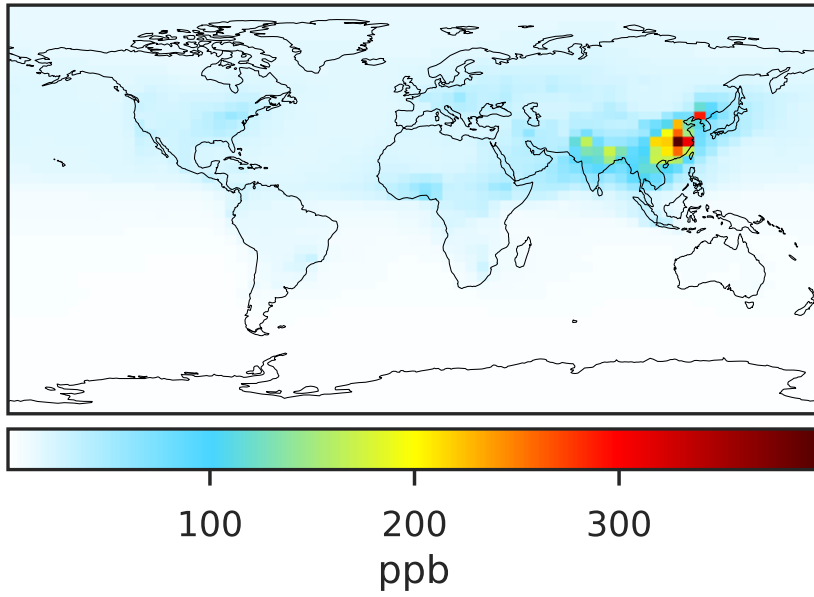


Ratio (1x1.25)  
Dev/Ref, Fixed Range

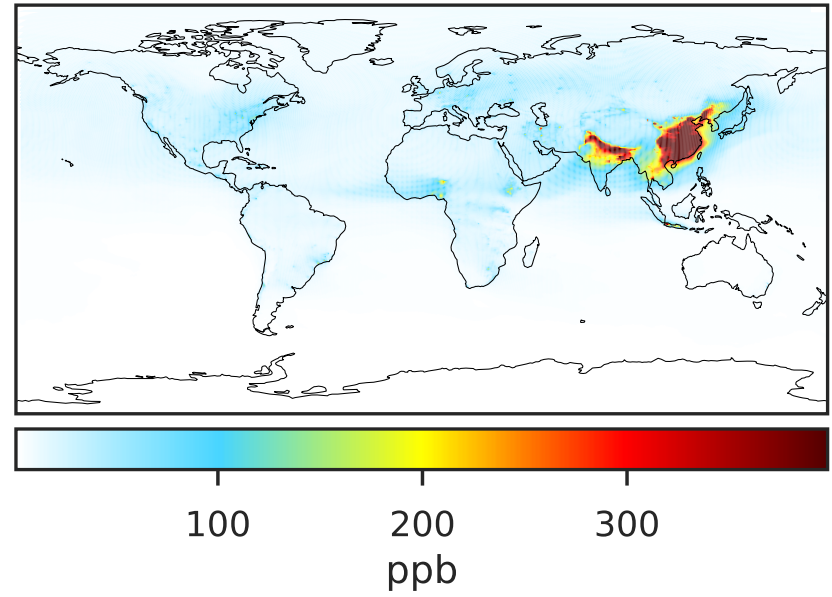


# SpeciesConcVV\_CO\_50 (Oct2019)

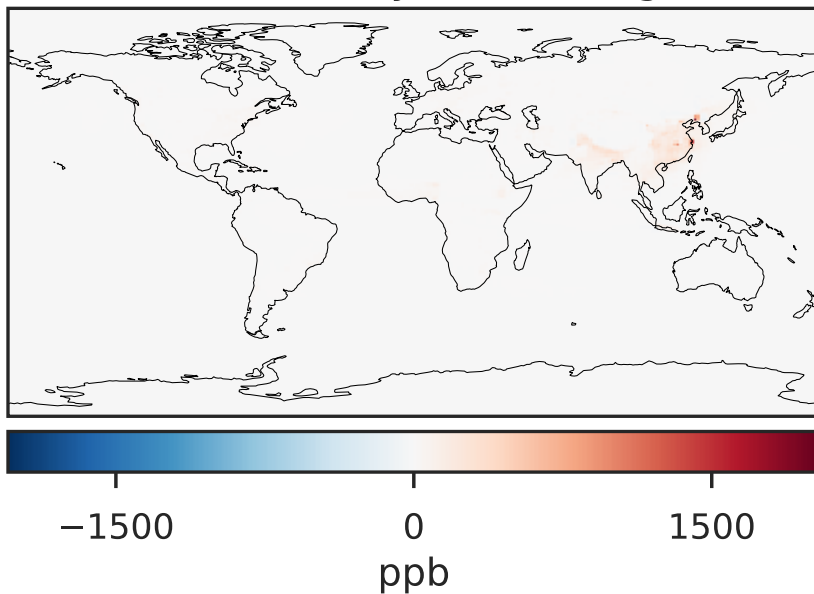
GCC 14.2.2 (Ref)  
4.0x5.0



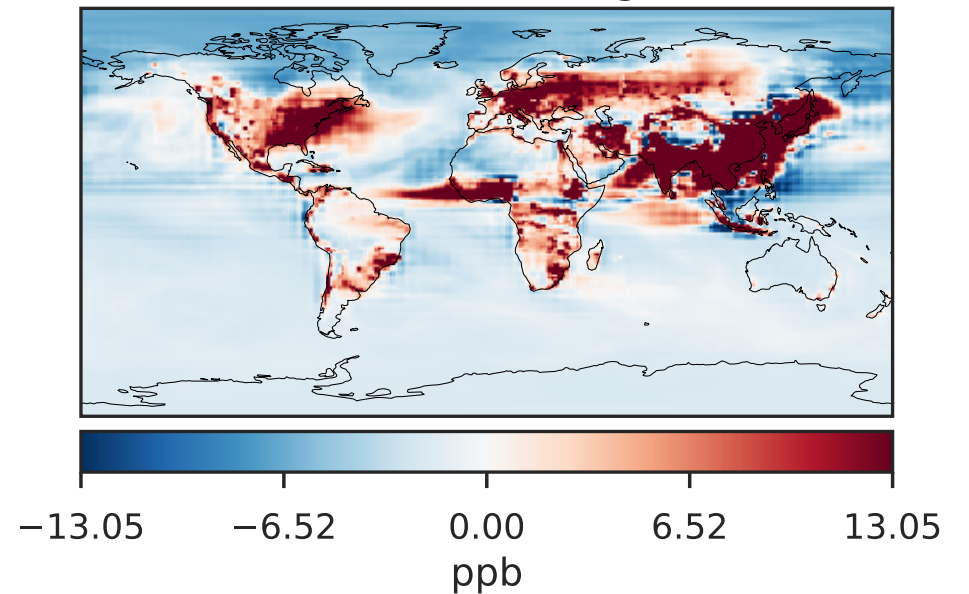
GCHP 14.2.2 using mass flux (Dev)  
c180



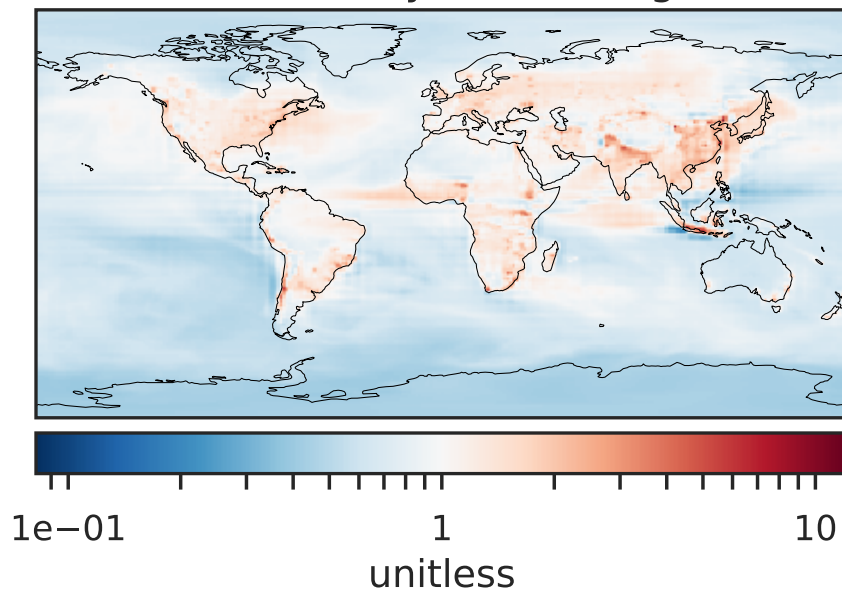
Difference (1x1.25)  
Dev - Ref, Dynamic Range



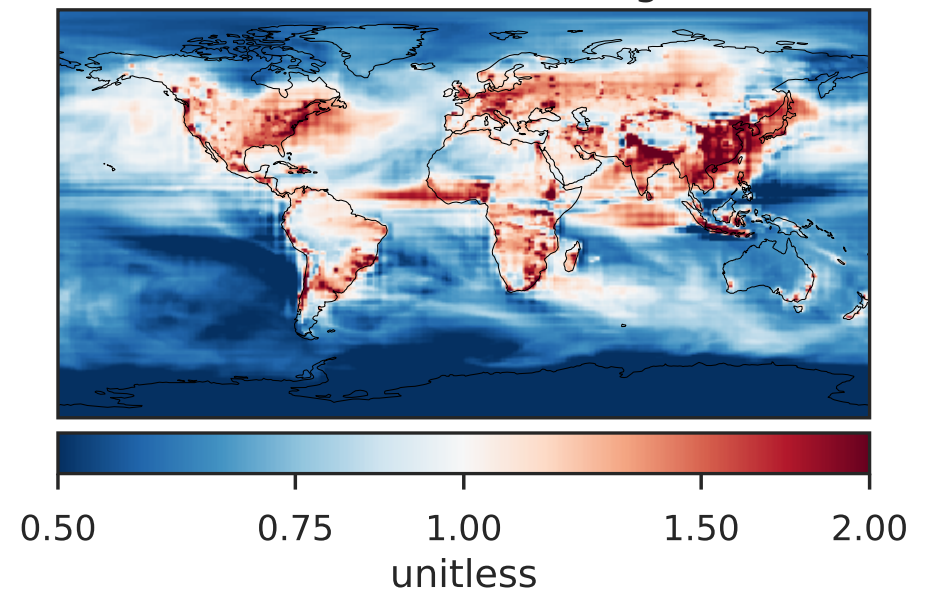
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



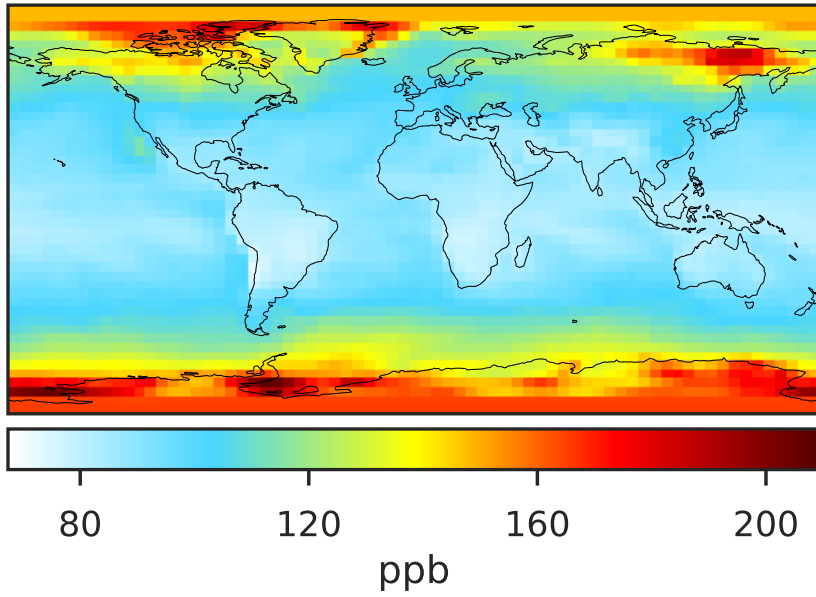
Ratio (1x1.25)  
Dev/Ref, Fixed Range



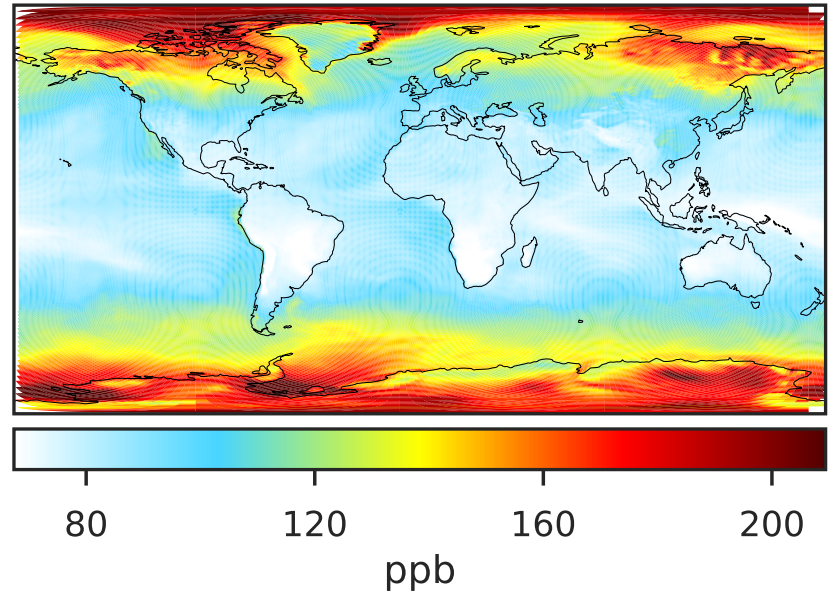


# SpeciesConcVV\_e90 (Oct2019)

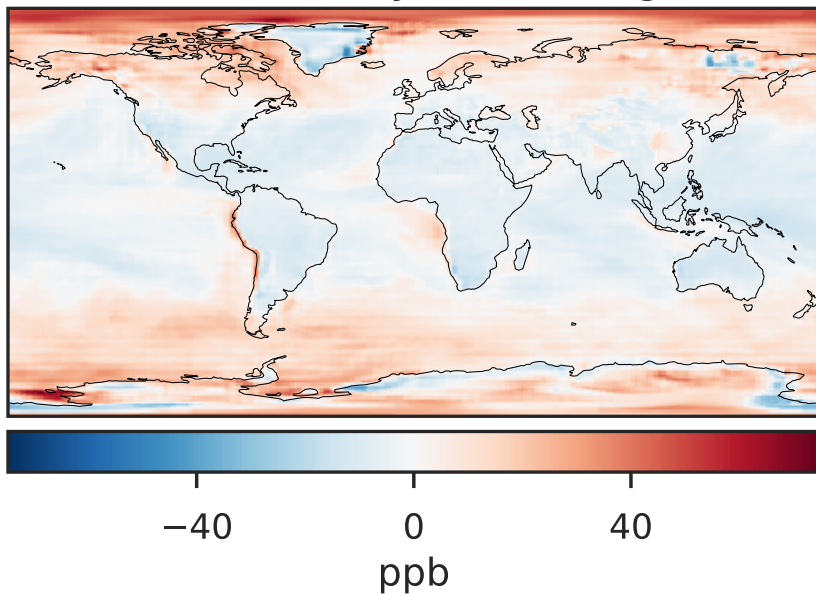
GCC 14.2.2 (Ref)  
4.0x5.0



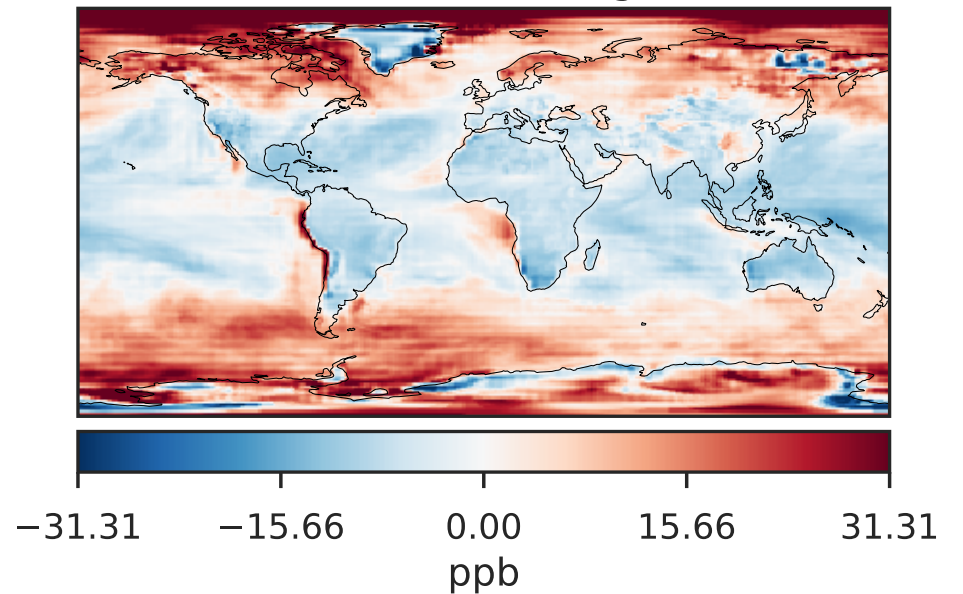
GCHP 14.2.2 using mass flux (Dev)  
c180



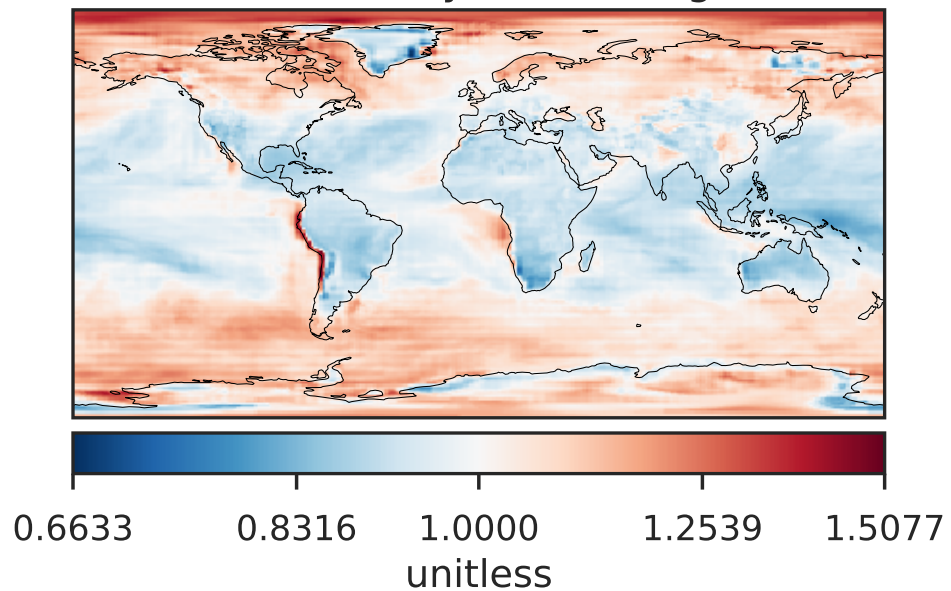
Difference (1x1.25)  
Dev - Ref, Dynamic Range



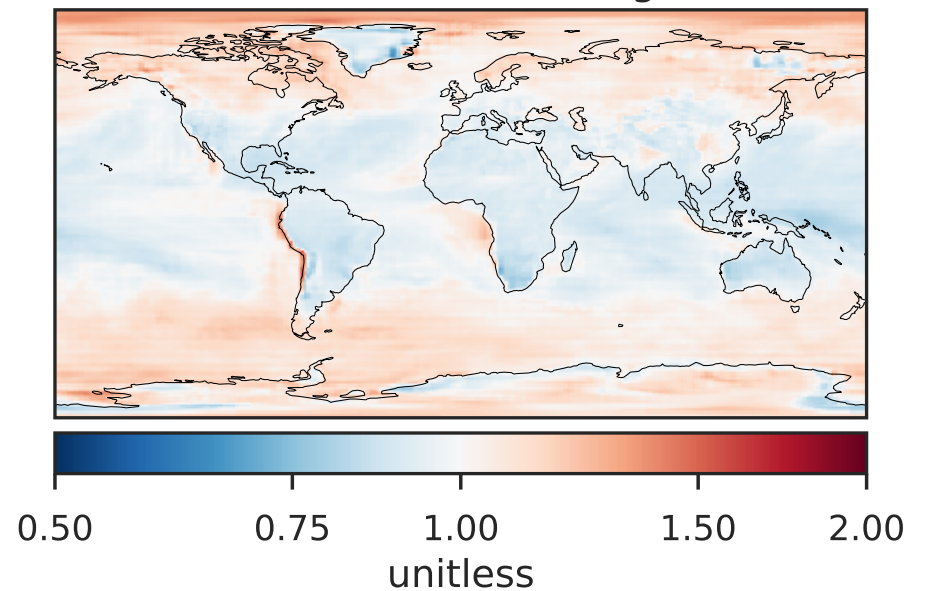
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

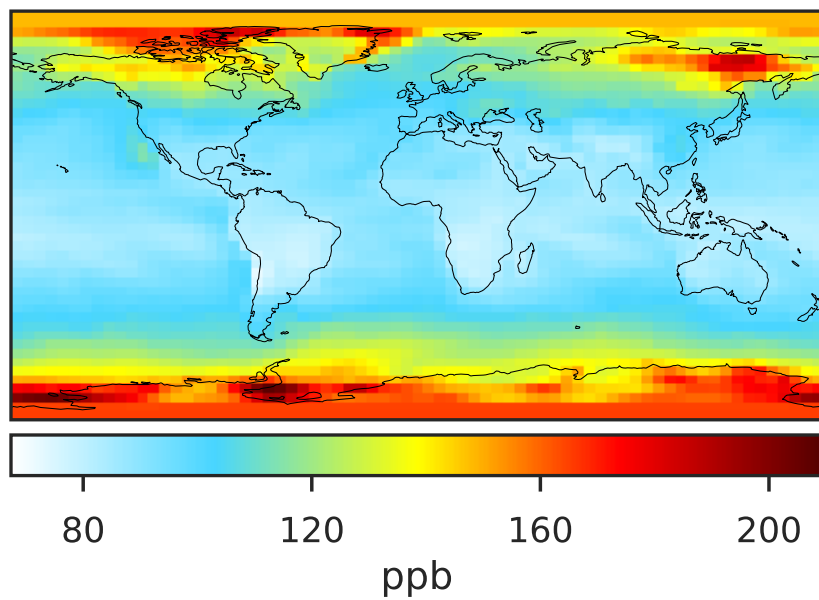


Ratio (1x1.25)  
Dev/Ref, Fixed Range

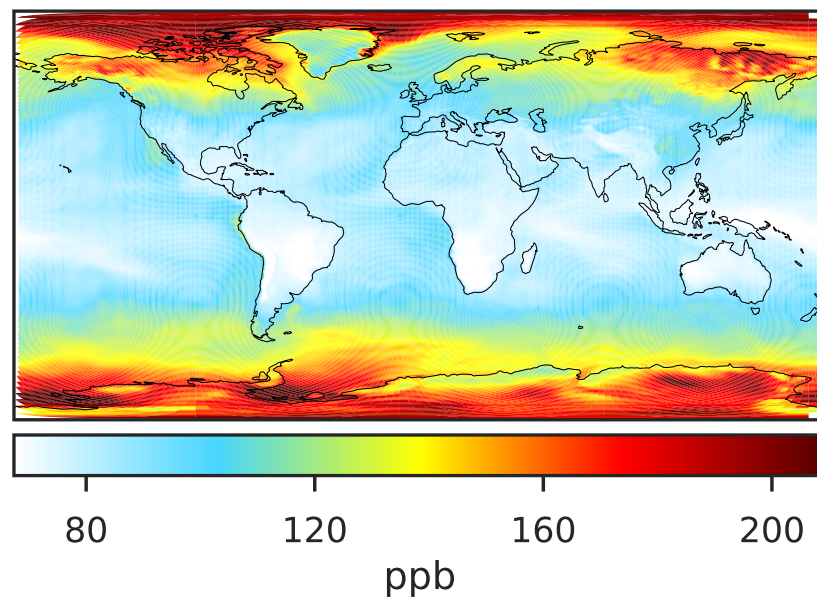


# SpeciesConcVV\_e90\_n (Oct2019)

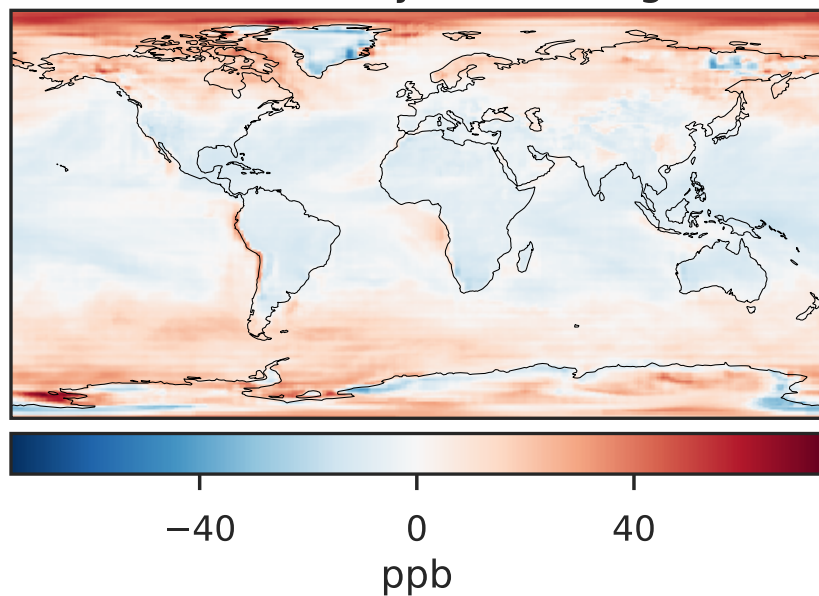
GCC 14.2.2 (Ref)  
4.0x5.0



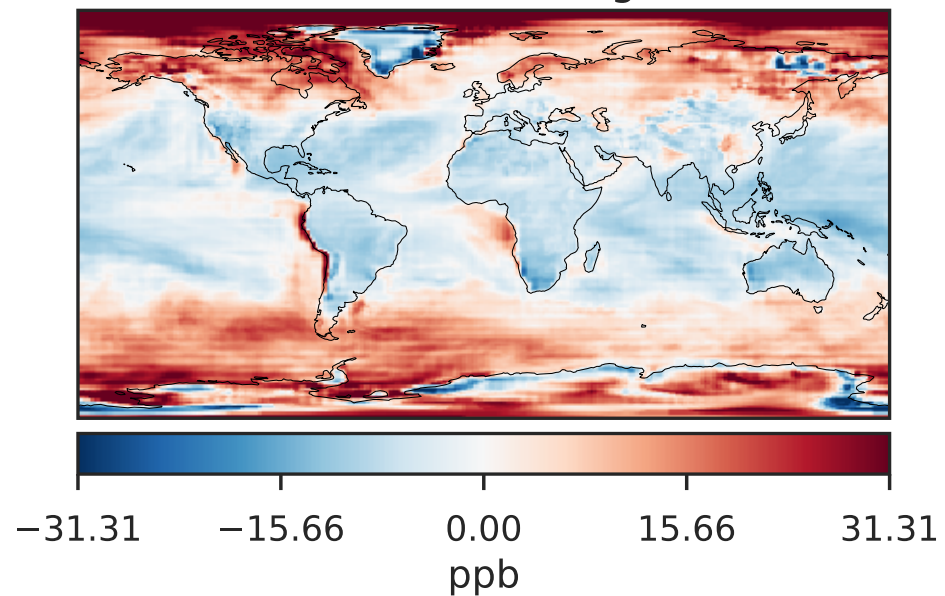
GCHP 14.2.2 using mass flux (Dev)  
c180



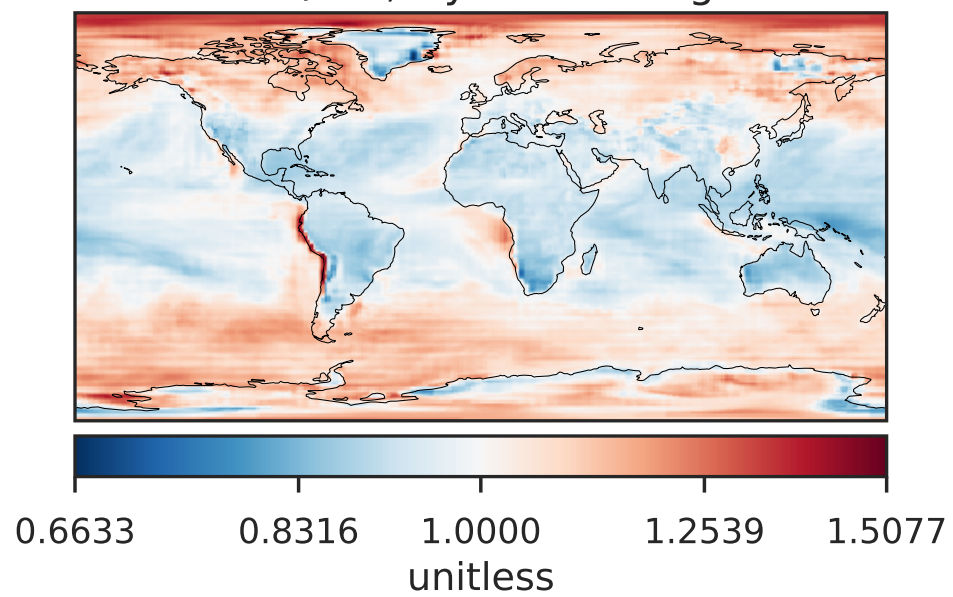
Difference (1x1.25)  
Dev - Ref, Dynamic Range



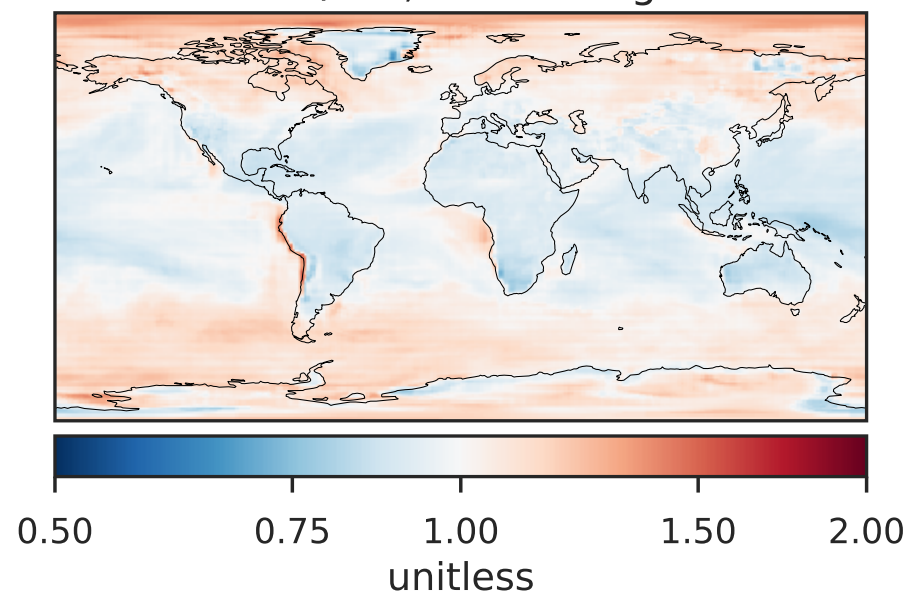
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

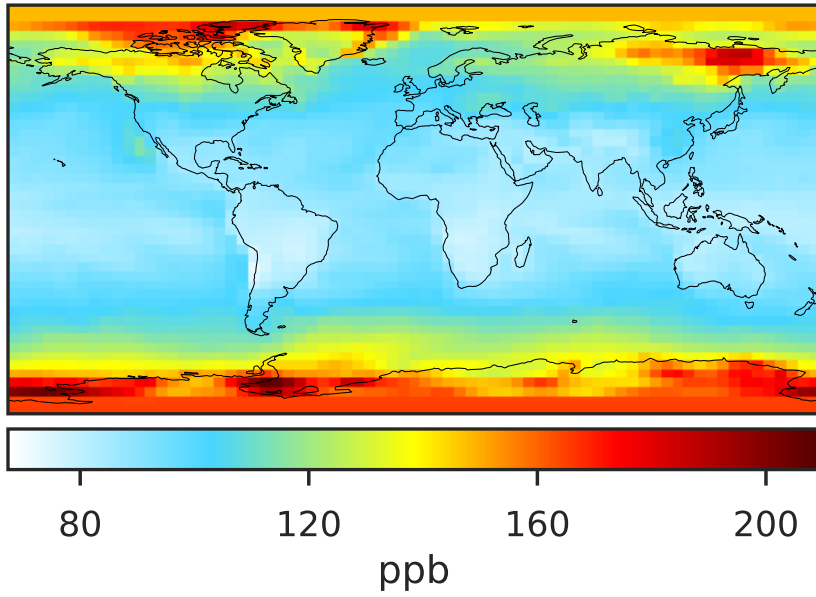


Ratio (1x1.25)  
Dev/Ref, Fixed Range

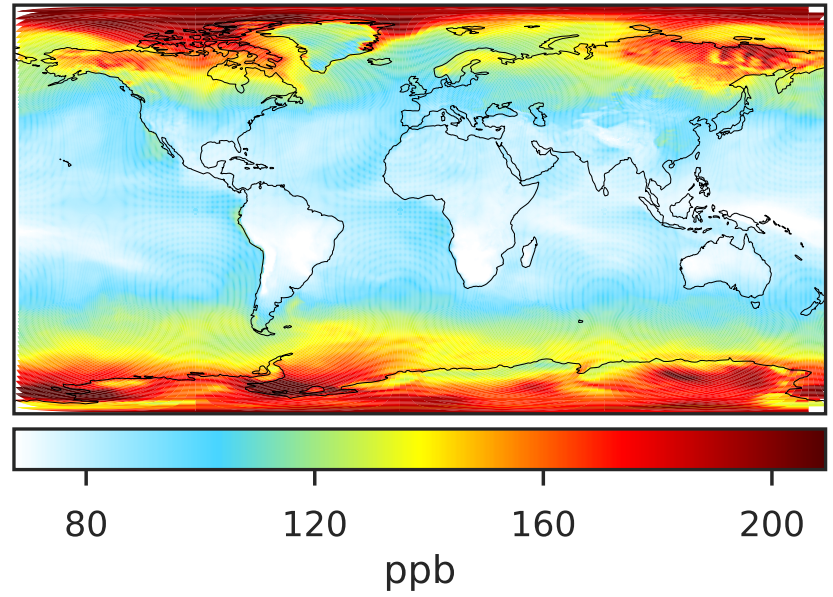


# SpeciesConcVV\_e90\_s (Oct2019)

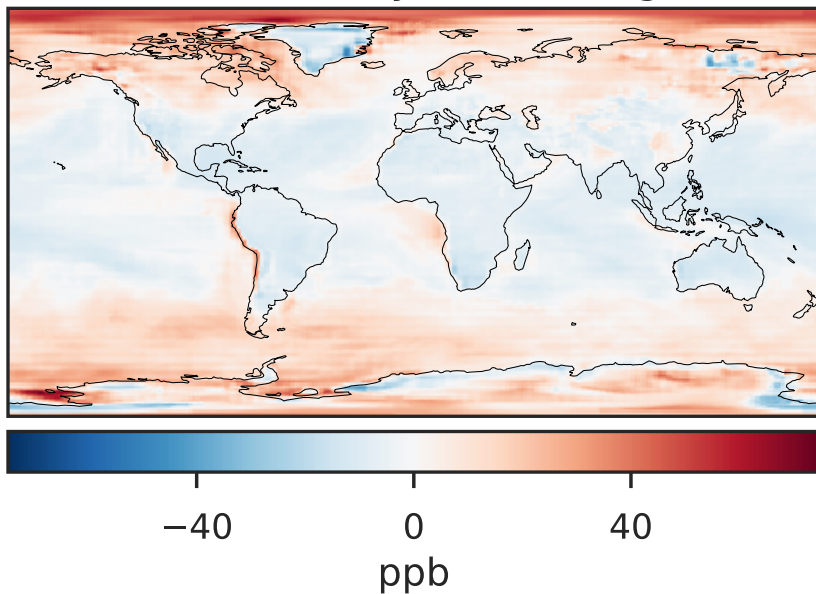
GCC 14.2.2 (Ref)  
4.0x5.0



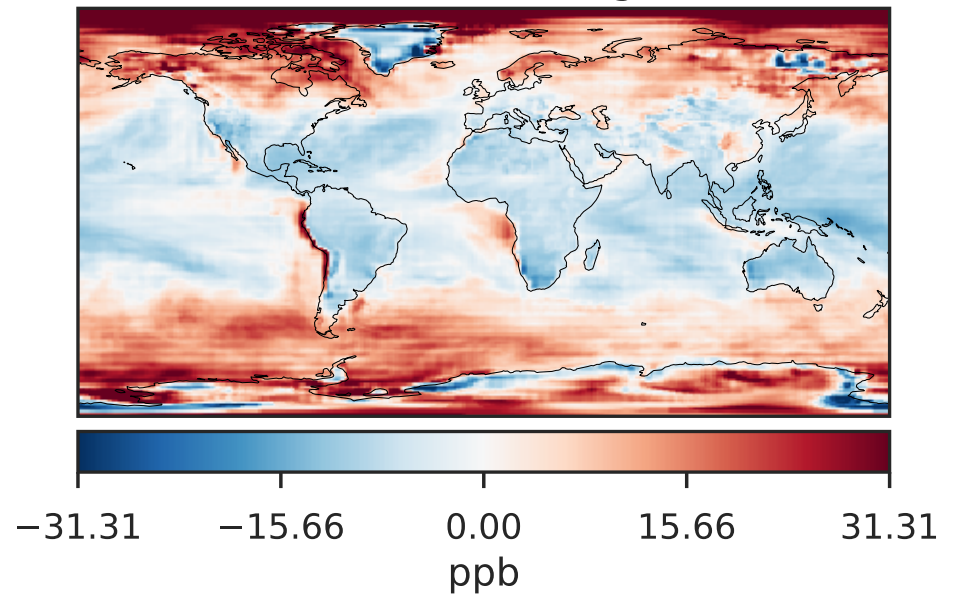
GCHP 14.2.2 using mass flux (Dev)  
c180



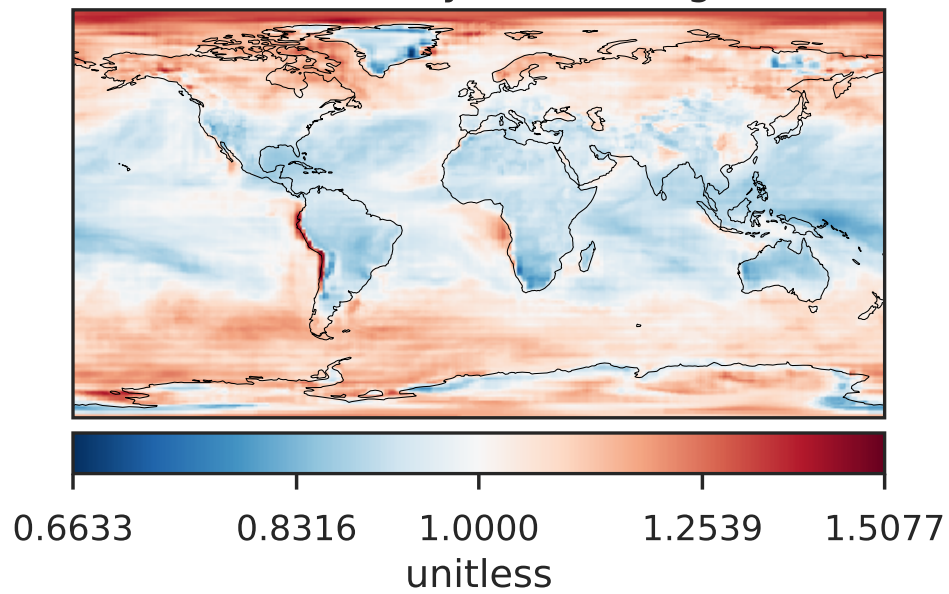
Difference (1x1.25)  
Dev - Ref, Dynamic Range



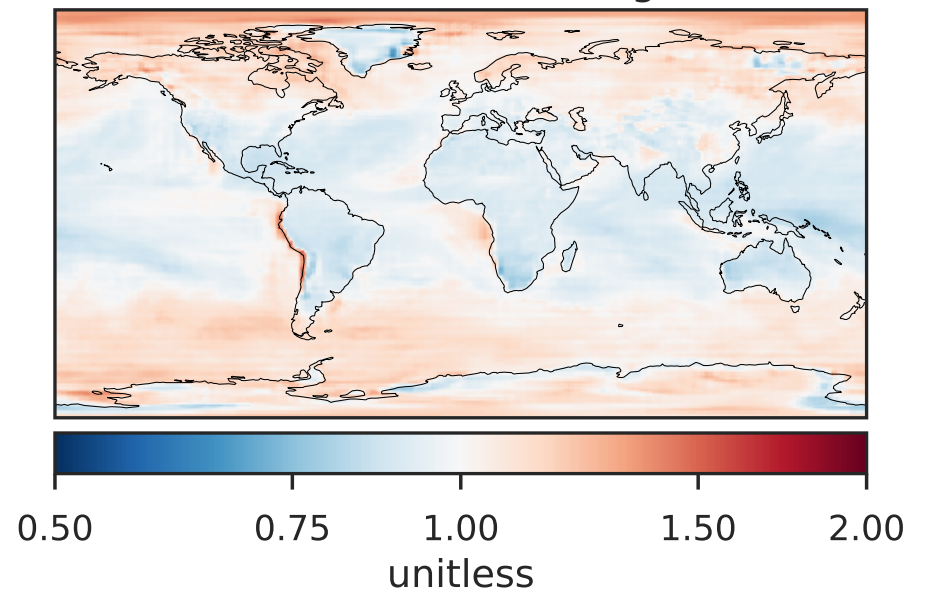
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

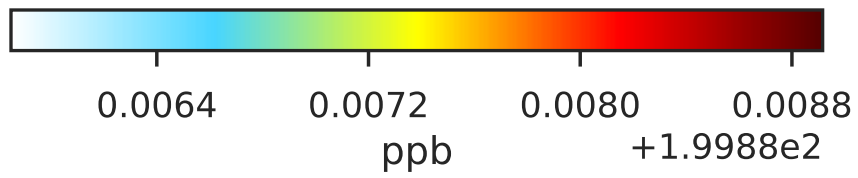
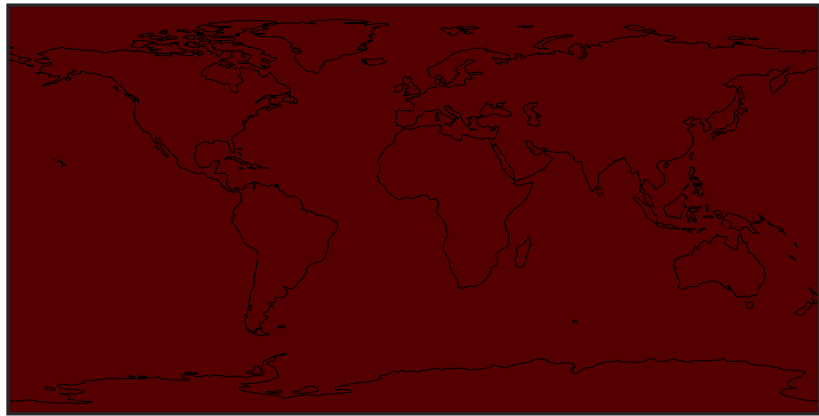


Ratio (1x1.25)  
Dev/Ref, Fixed Range

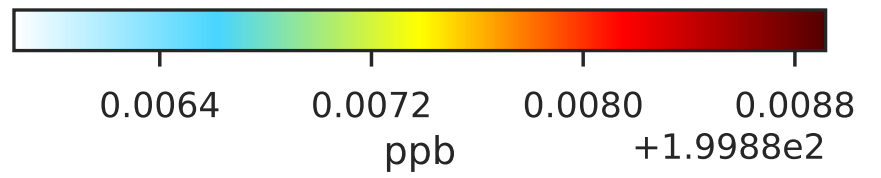
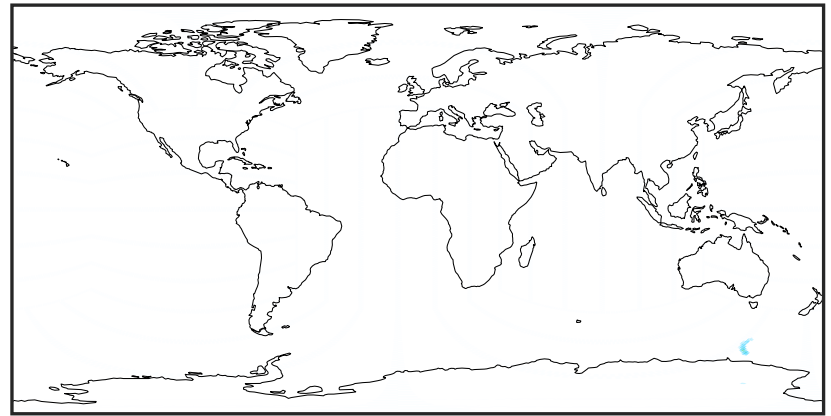


# SpeciesConcVV\_st80\_25 (Oct2019)

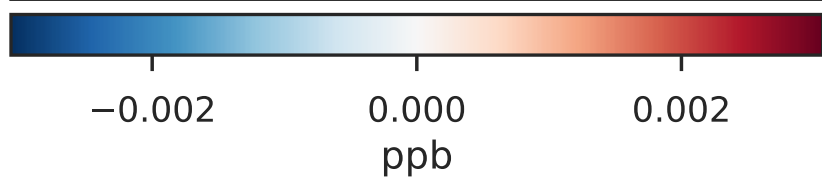
GCC 14.2.2 (Ref)  
4.0x5.0



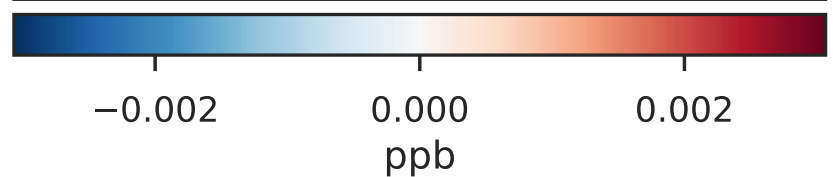
GCHP 14.2.2 using mass flux (Dev)  
c180



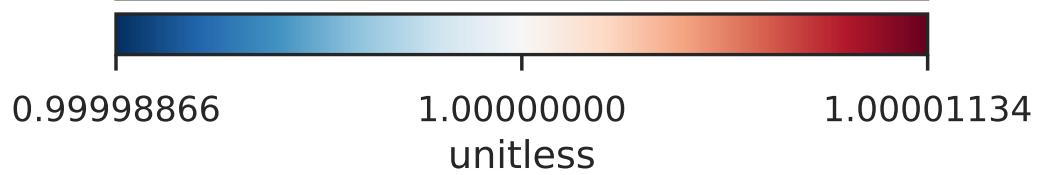
Difference (1x1.25)  
Dev - Ref, Dynamic Range



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



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



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

