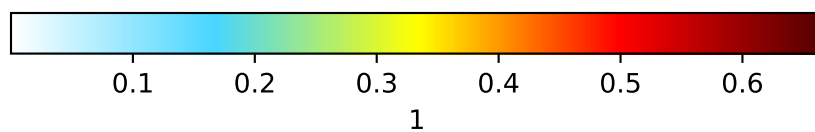
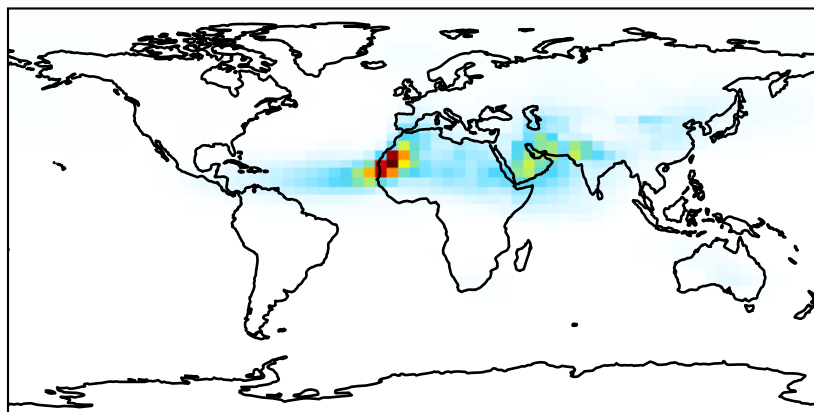
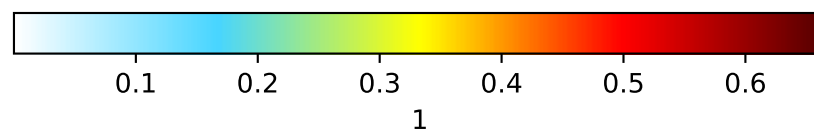
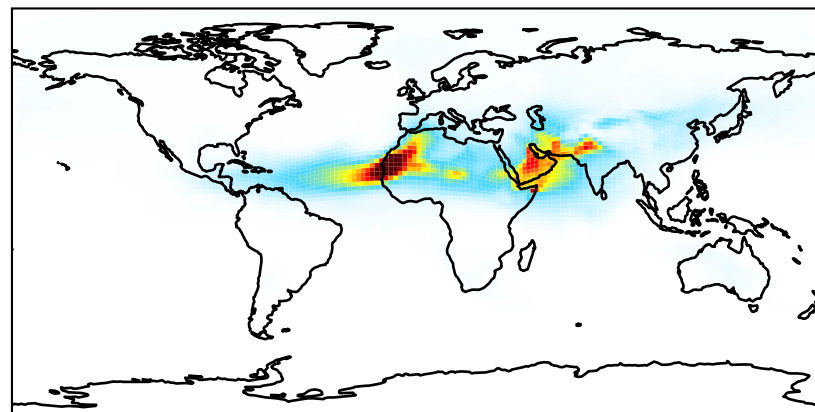


Column_AOD_Dust (Jul2019)

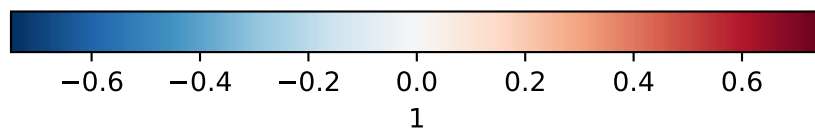
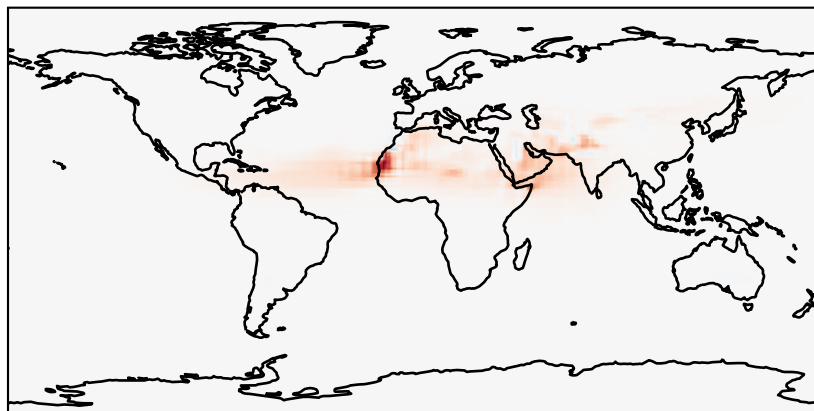
GCC_13.2.0-LuoWetdep (Ref)
4.0x5.0



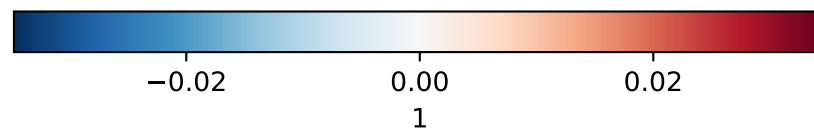
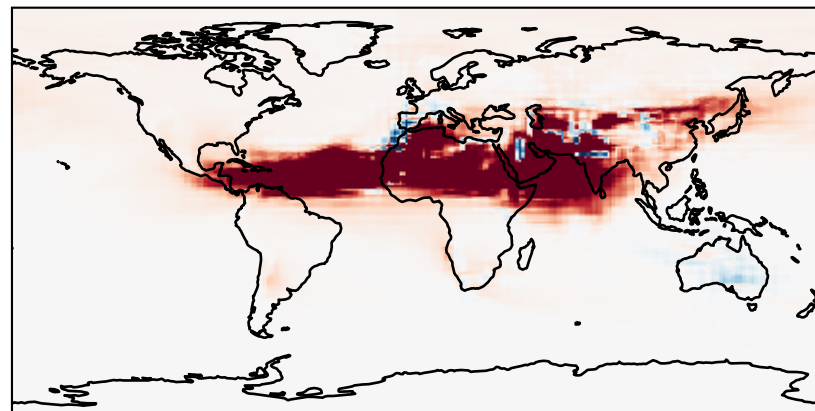
GCHP_13.2.0-LuoWetdep (Dev)
c48



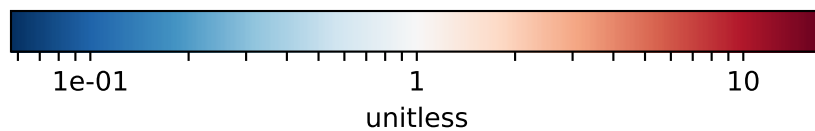
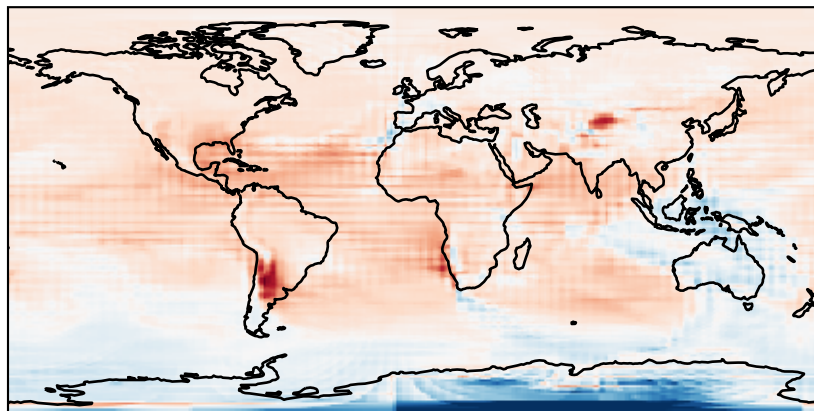
Difference (1x1.25)
Dev - Ref, Dynamic Range



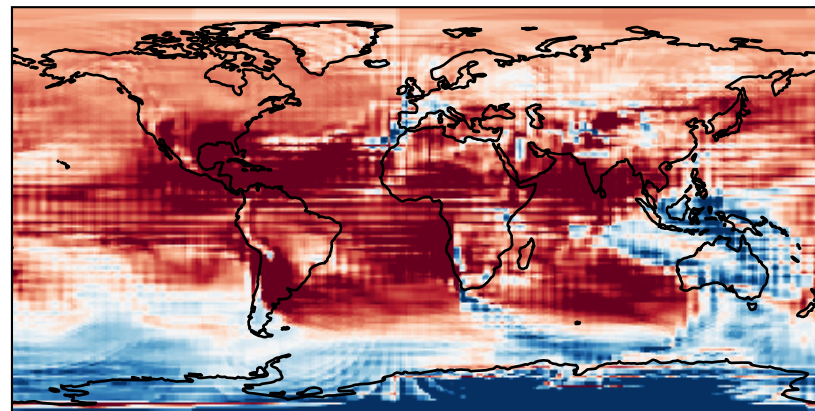
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

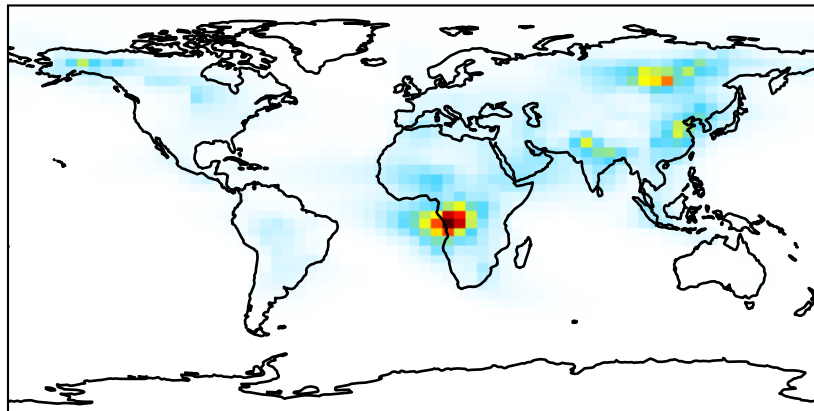


Ratio (1x1.25)
Dev/Ref, Fixed Range

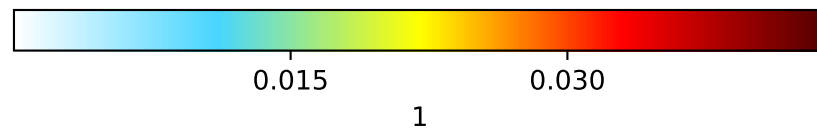
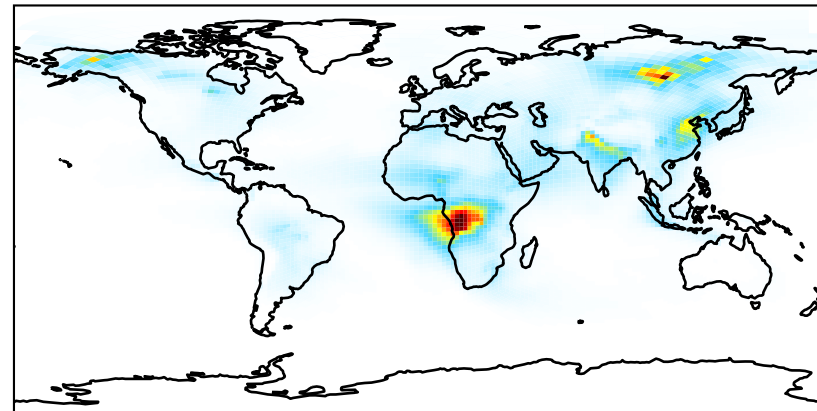


Column_AOD_BCPI (Jul2019)

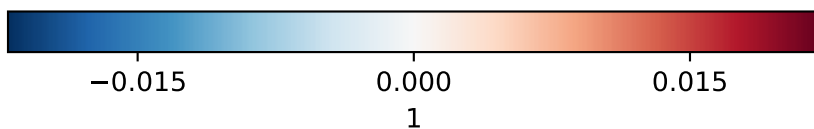
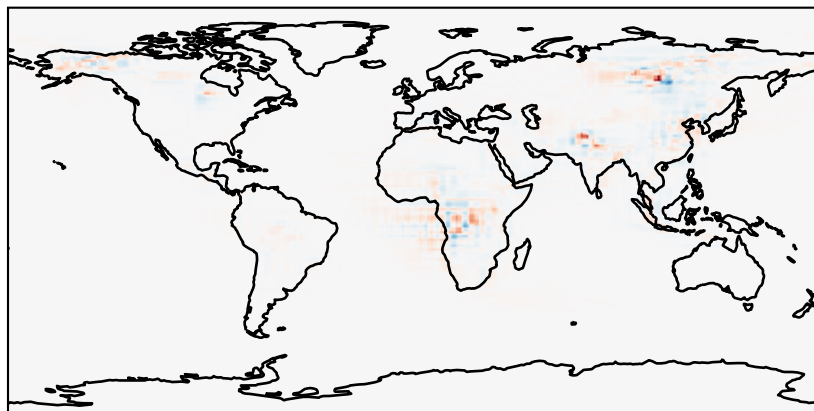
GCC_13.2.0-LuoWetdep (Ref)
4.0x5.0



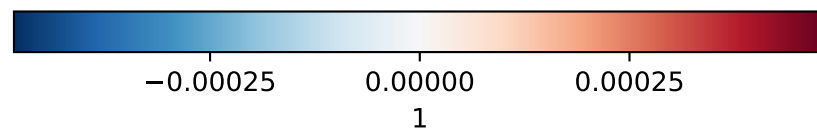
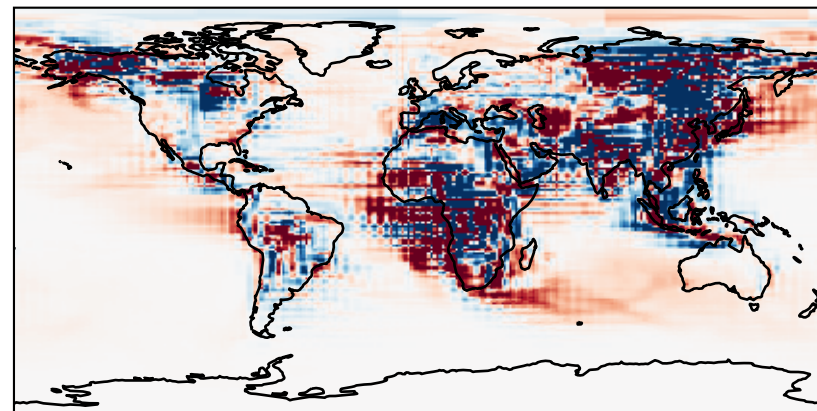
GCHP_13.2.0-LuoWetdep (Dev)
c48



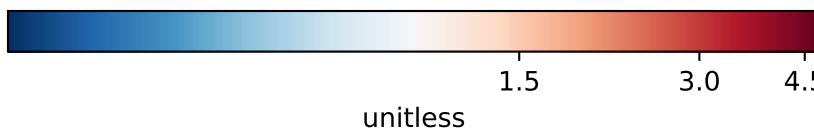
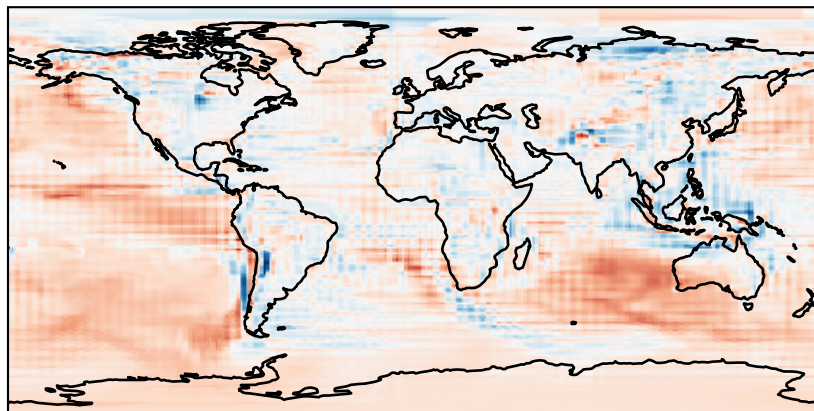
Difference (1x1.25)
Dev - Ref, Dynamic Range



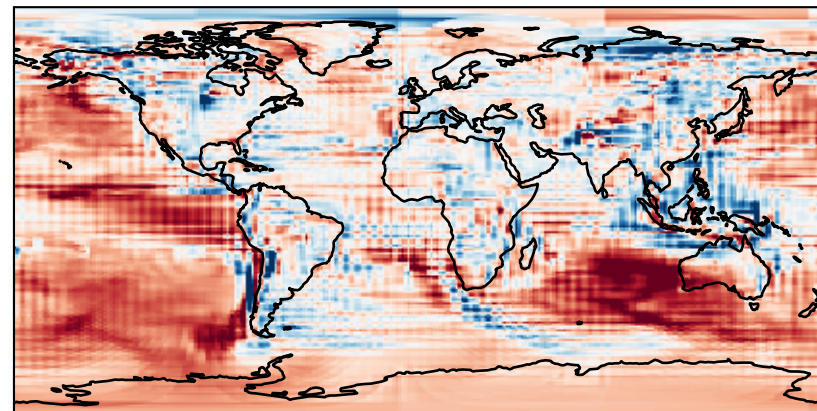
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

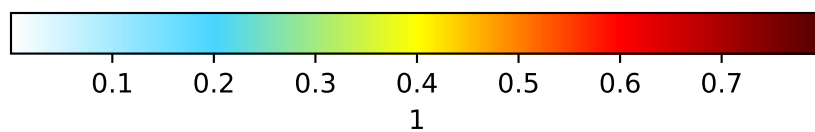
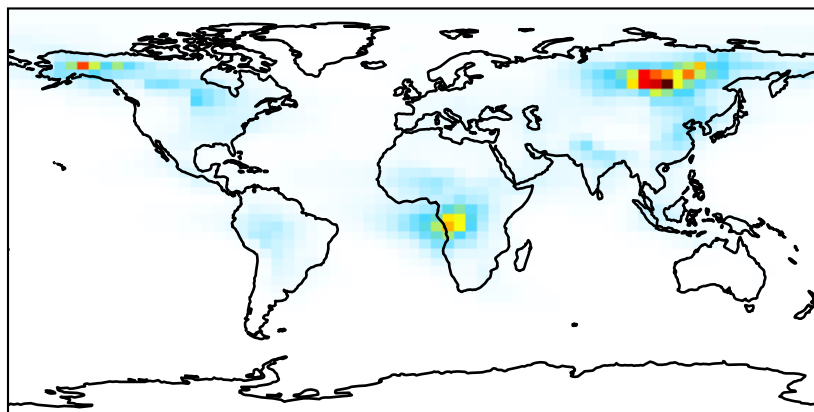


Ratio (1x1.25)
Dev/Ref, Fixed Range

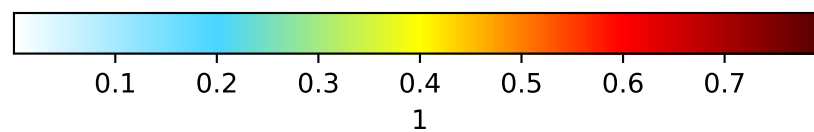
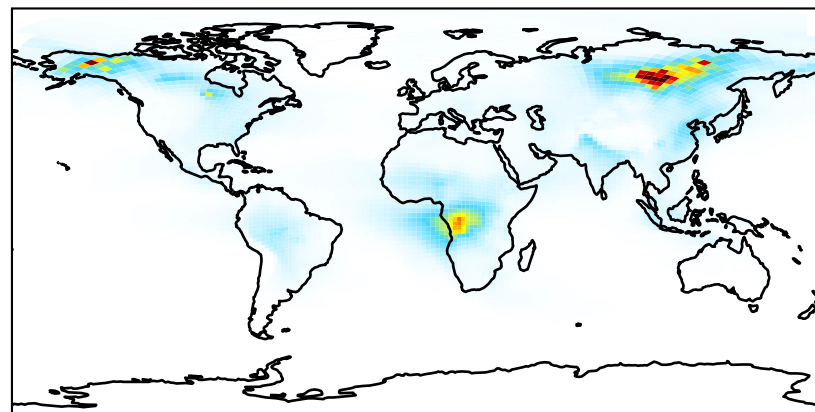


Column_AOD_OCPI (Jul2019)

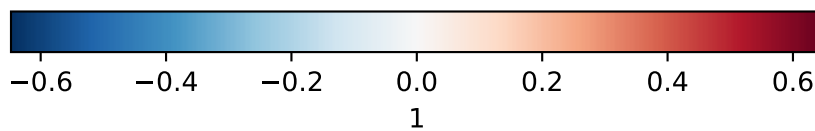
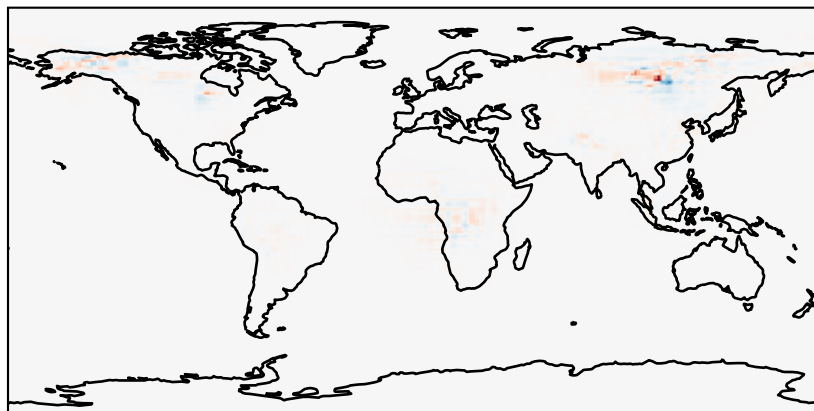
GCC_13.2.0-LuoWetdep (Ref)
4.0x5.0



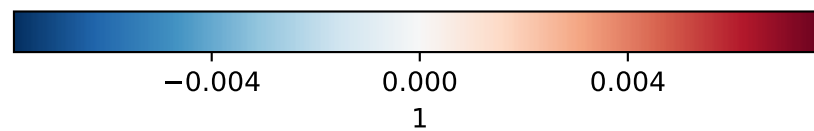
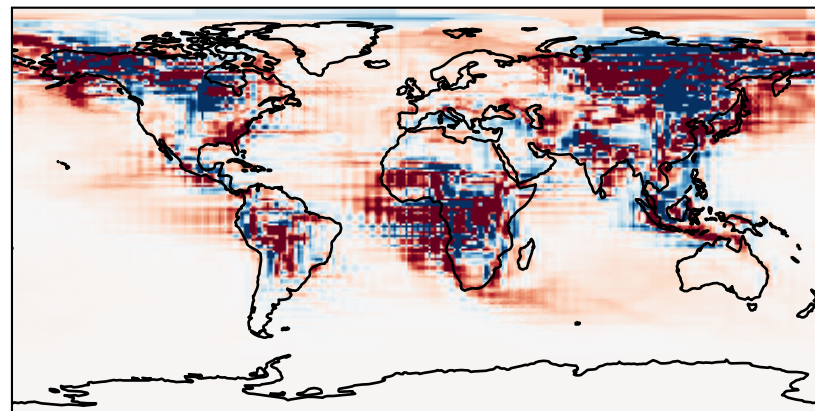
GCHP_13.2.0-LuoWetdep (Dev)
c48



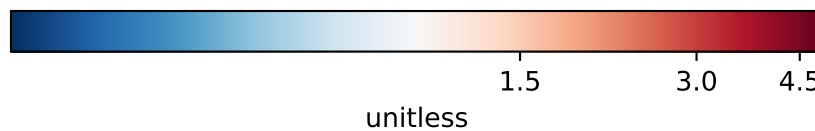
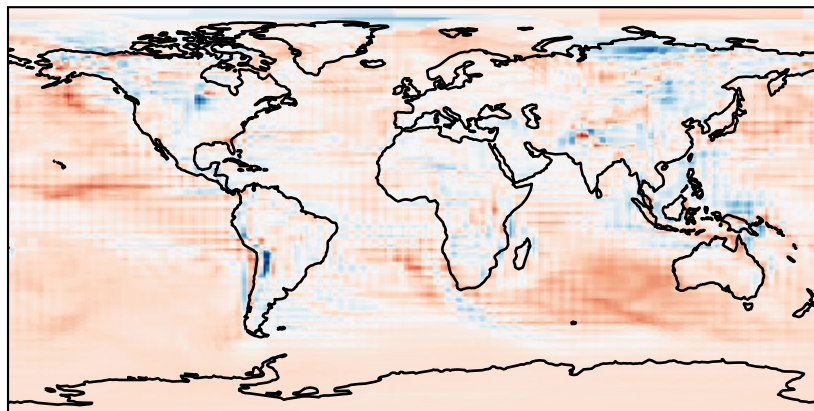
Difference (1x1.25)
Dev - Ref, Dynamic Range



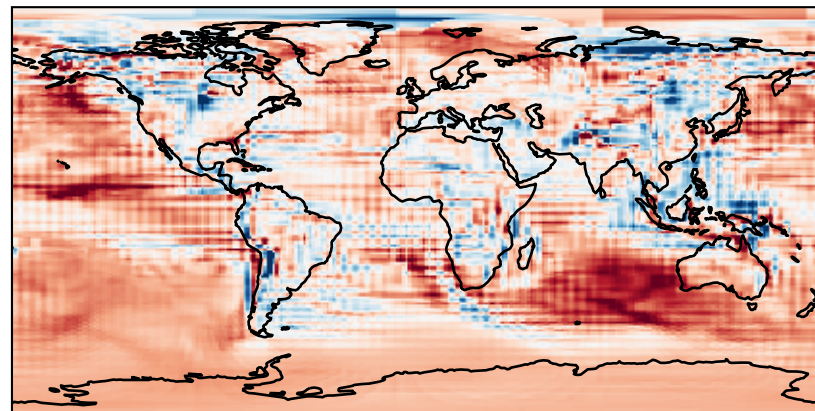
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

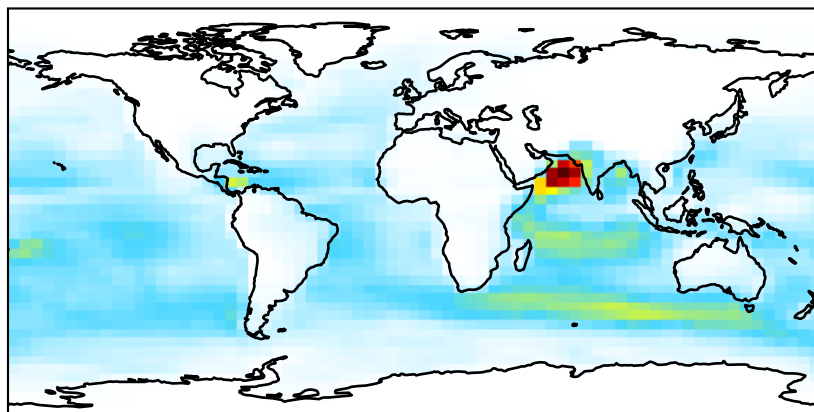


Ratio (1x1.25)
Dev/Ref, Fixed Range

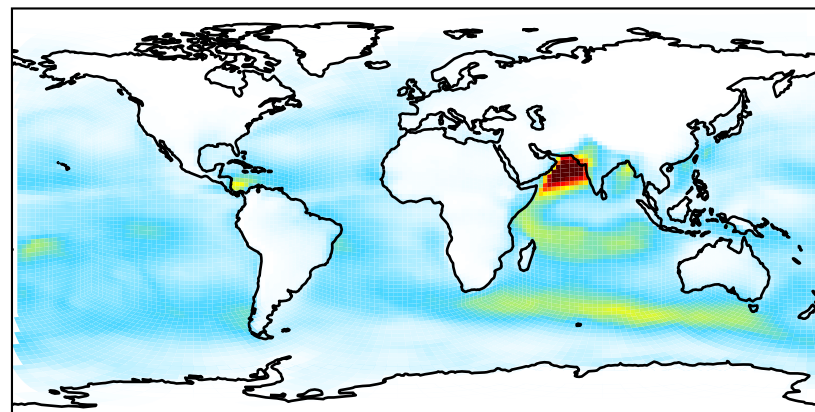


Column_AOD_SALA (Jul2019)

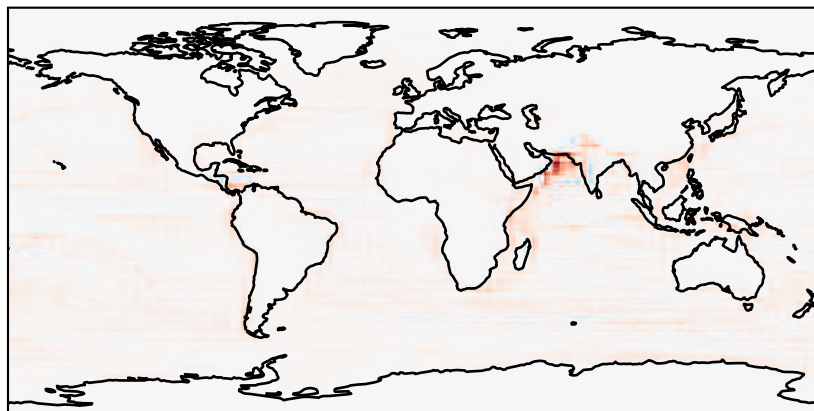
GCC_13.2.0-LuoWetdep (Ref)
4.0x5.0



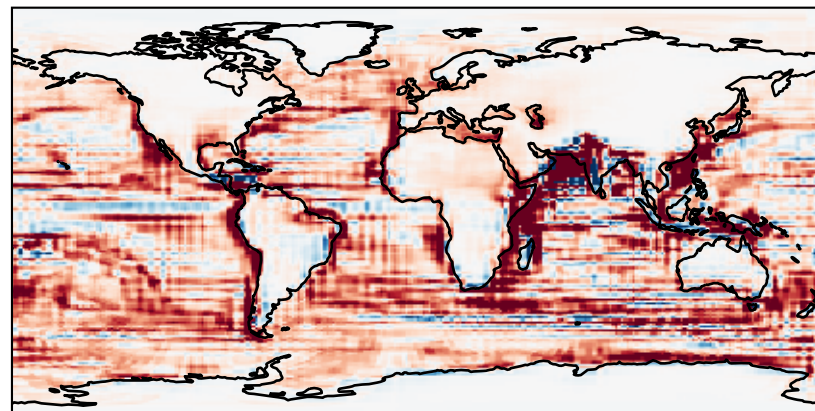
GCHP_13.2.0-LuoWetdep (Dev)
c48



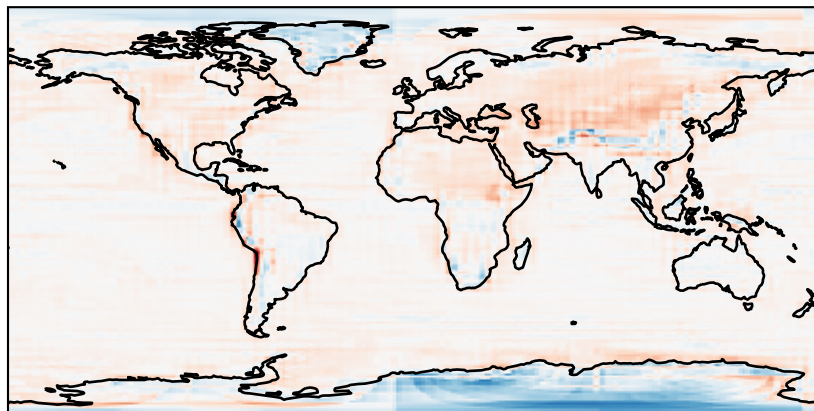
Difference (1x1.25)
Dev - Ref, Dynamic Range



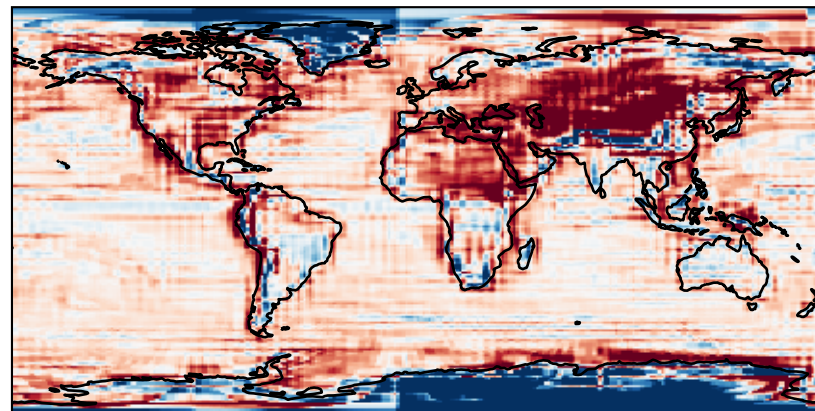
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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



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



1e-01

unitless

0.50

0.75

unitless

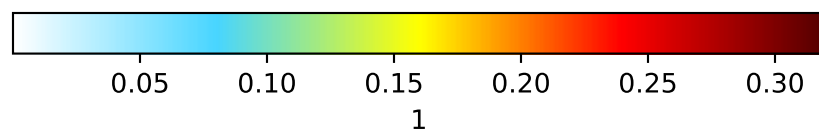
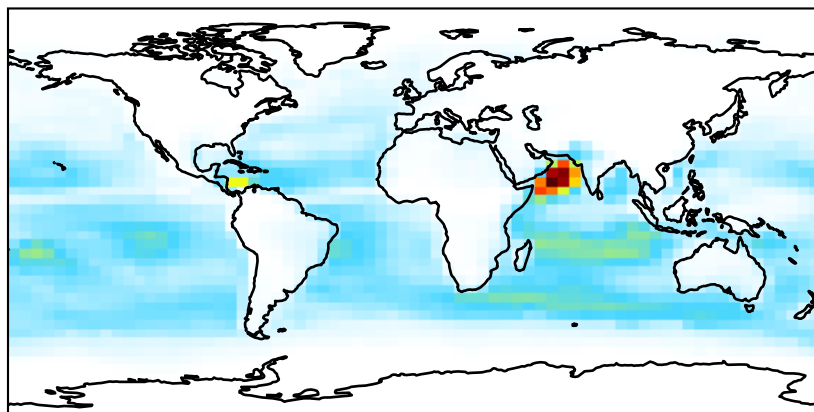
1.00

1.50

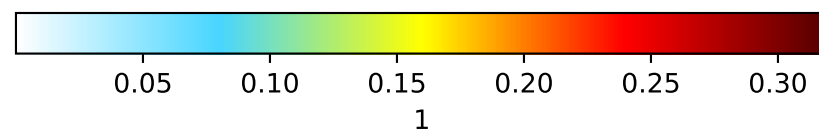
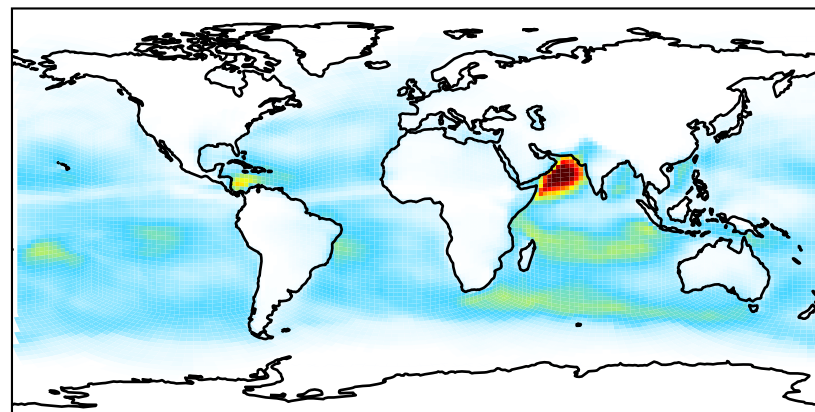
2.00

Column_AOD_SALC (Jul2019)

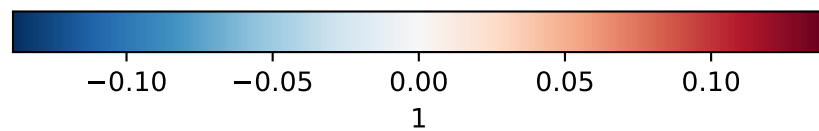
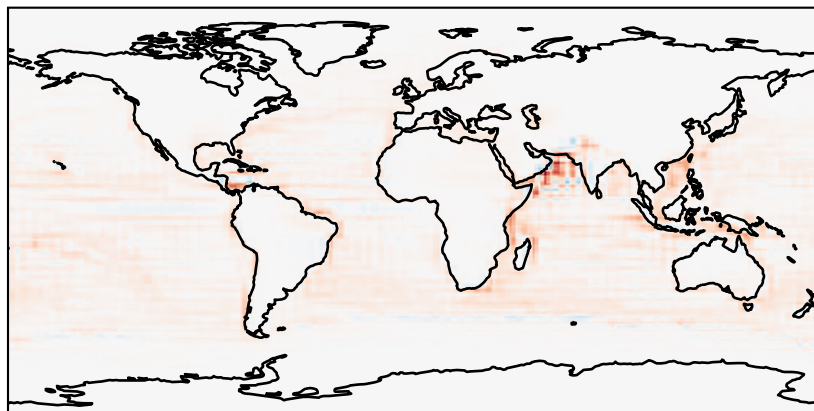
GCC_13.2.0-LuoWetdep (Ref)
4.0x5.0



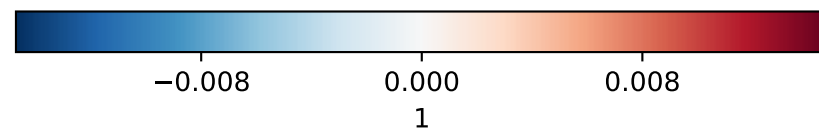
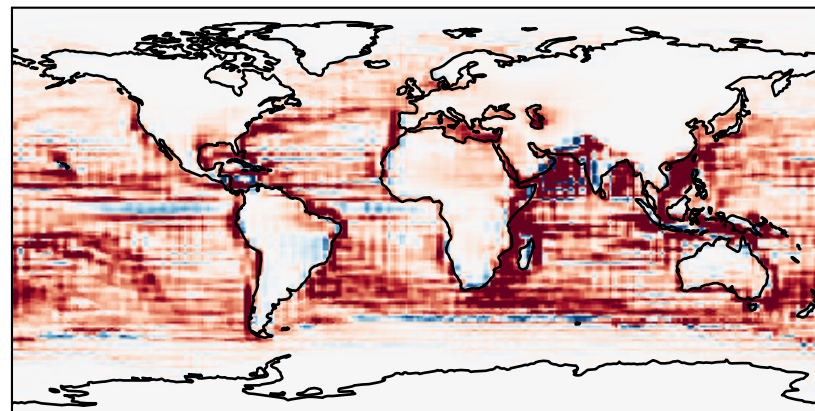
GCHP_13.2.0-LuoWetdep (Dev)
c48



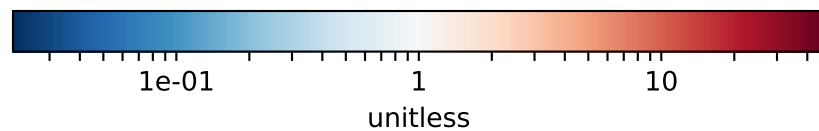
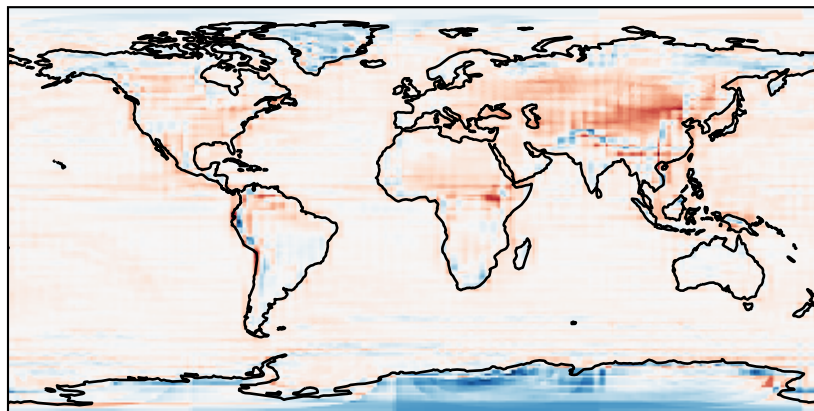
Difference (1x1.25)
Dev - Ref, Dynamic Range



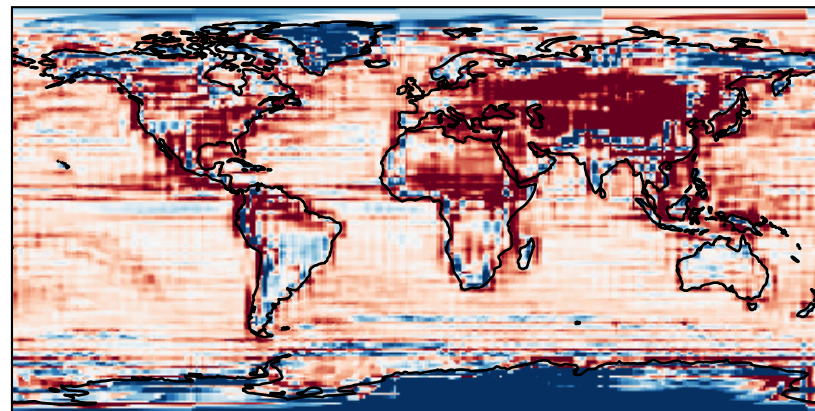
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

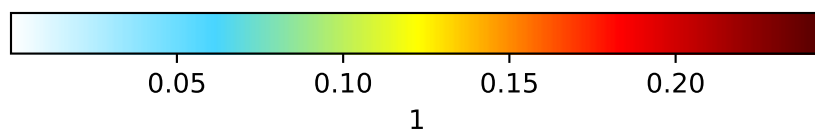
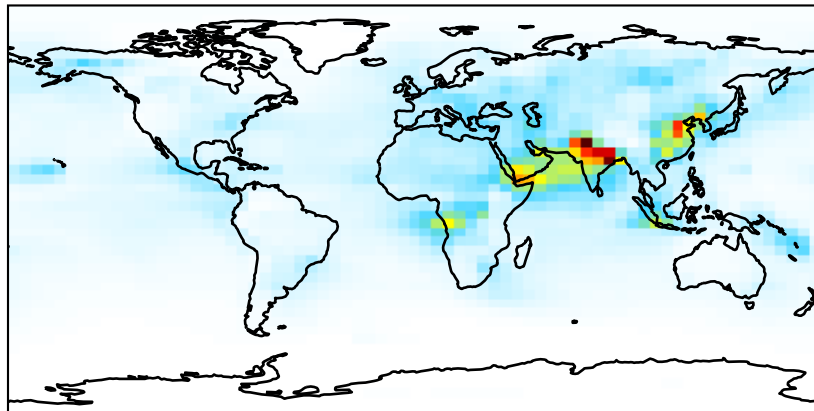


Ratio (1x1.25)
Dev/Ref, Fixed Range

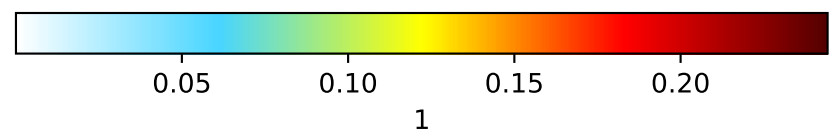
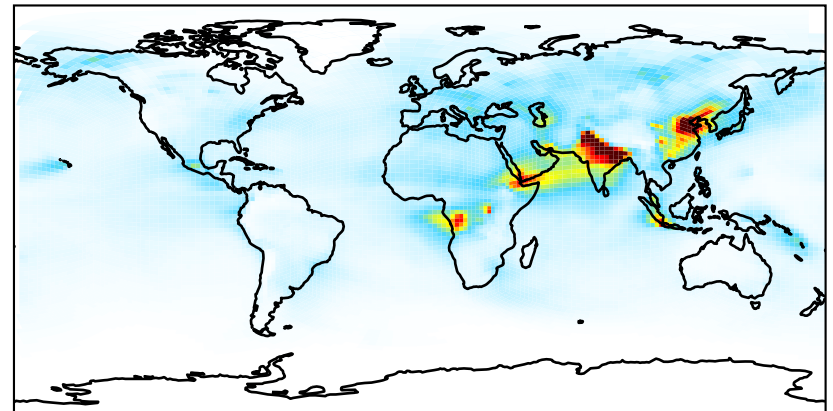


Column_AOD_SO4 (Jul2019)

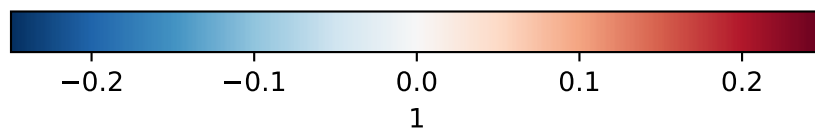
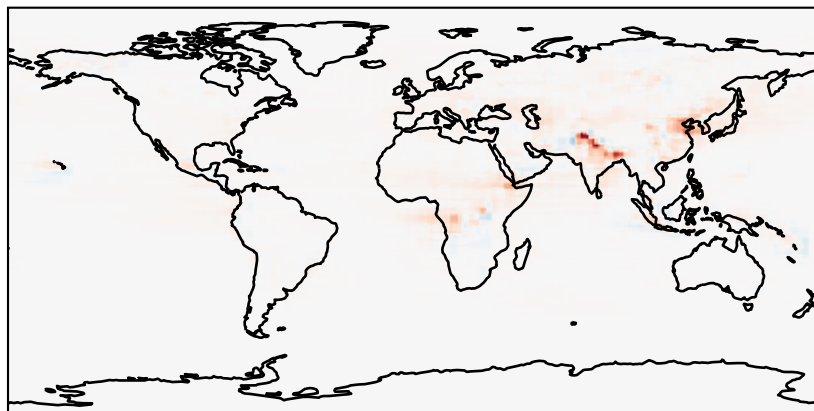
GCC_13.2.0-LuoWetdep (Ref)
4.0x5.0



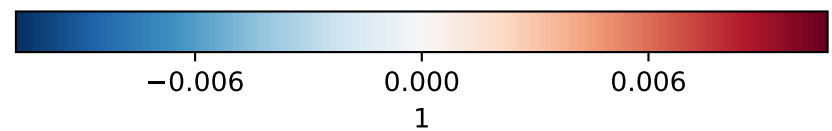
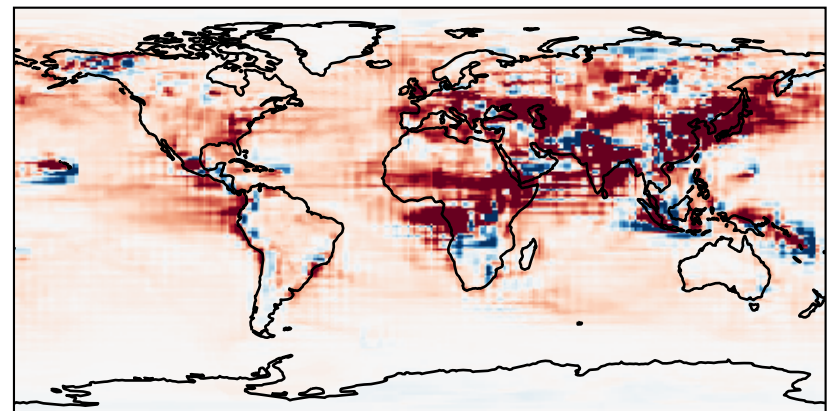
GCHP_13.2.0-LuoWetdep (Dev)
c48



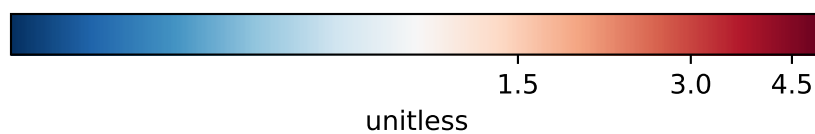
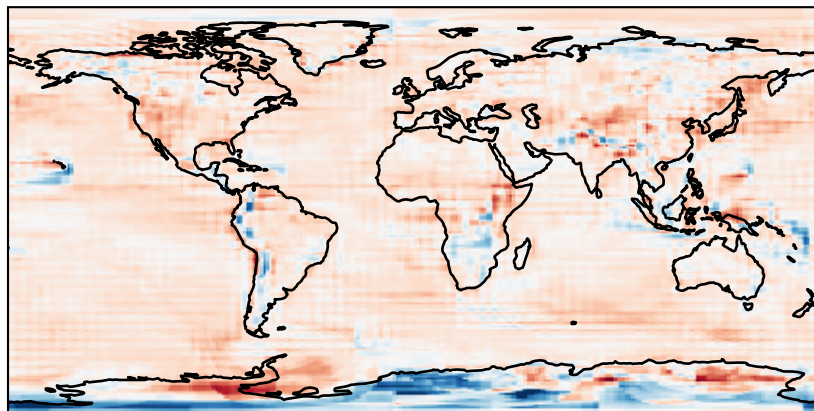
Difference (1x1.25)
Dev - Ref, Dynamic Range



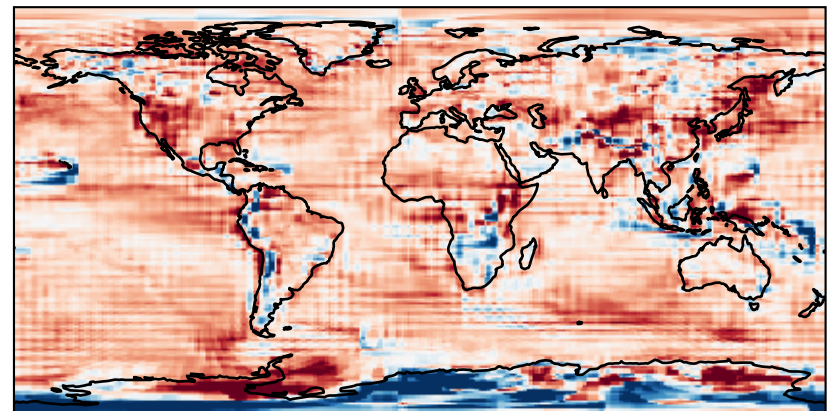
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

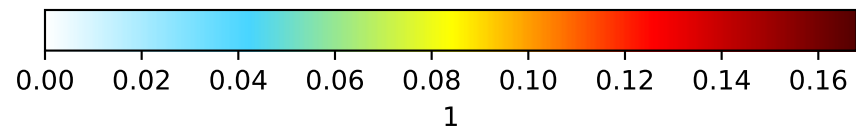
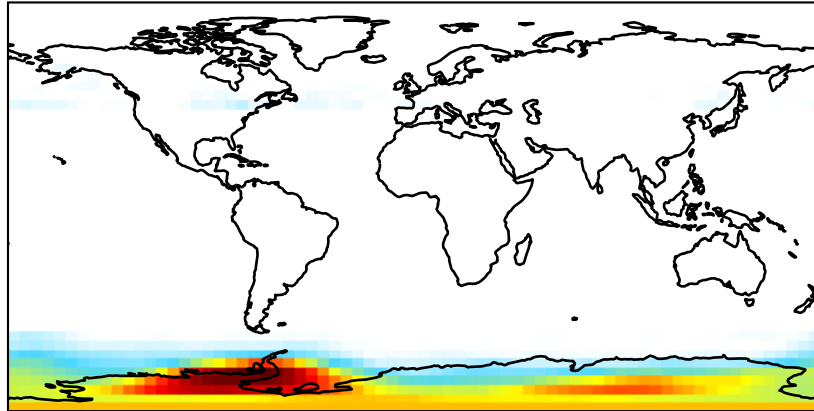


Ratio (1x1.25)
Dev/Ref, Fixed Range

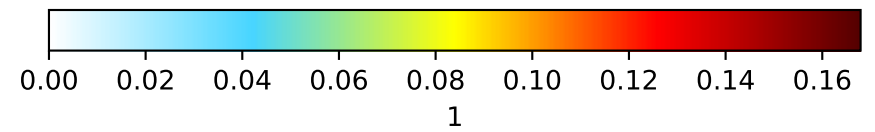
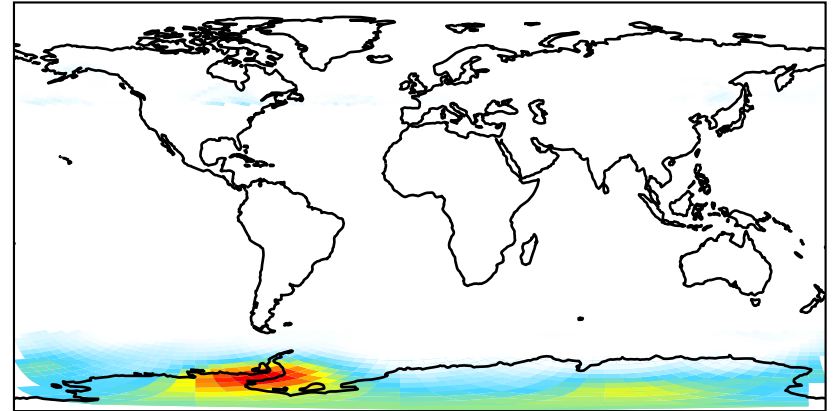


Column_AOD_Polar_Strat_Cloud (Jul2019)

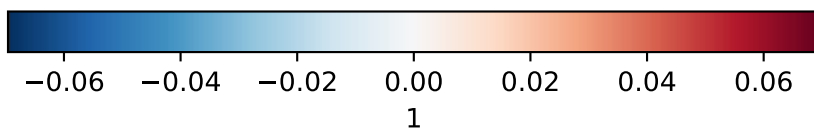
GCC_13.2.0-LuoWetdep (Ref)
4.0x5.0



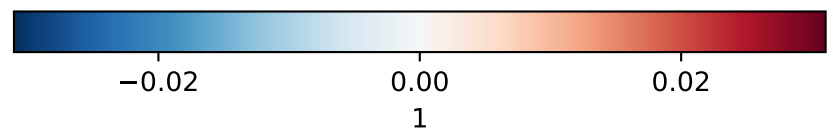
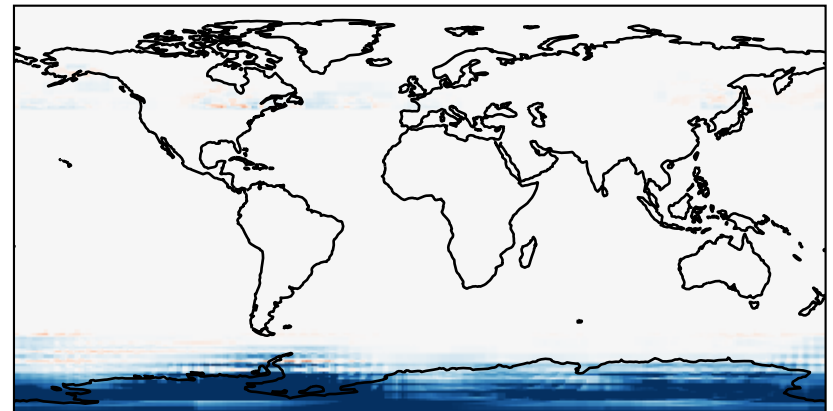
GCHP_13.2.0-LuoWetdep (Dev)
c48



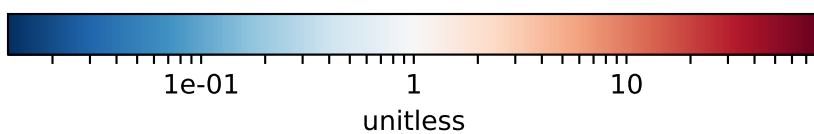
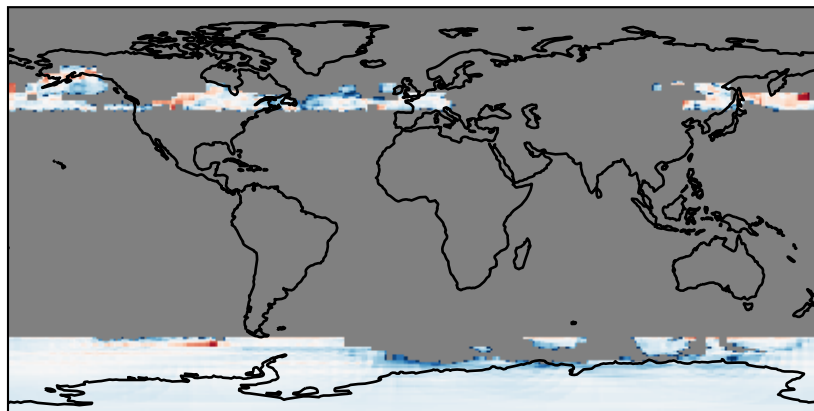
Difference (1x1.25)
Dev - Ref, Dynamic Range



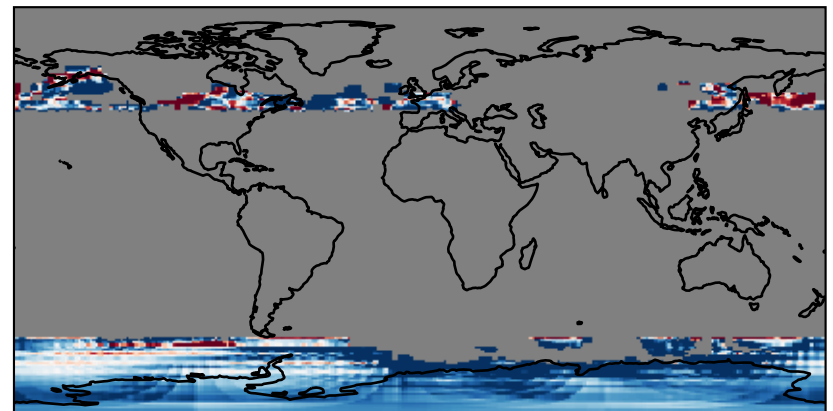
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

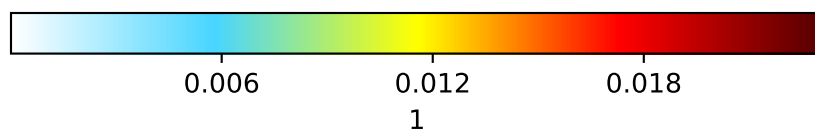
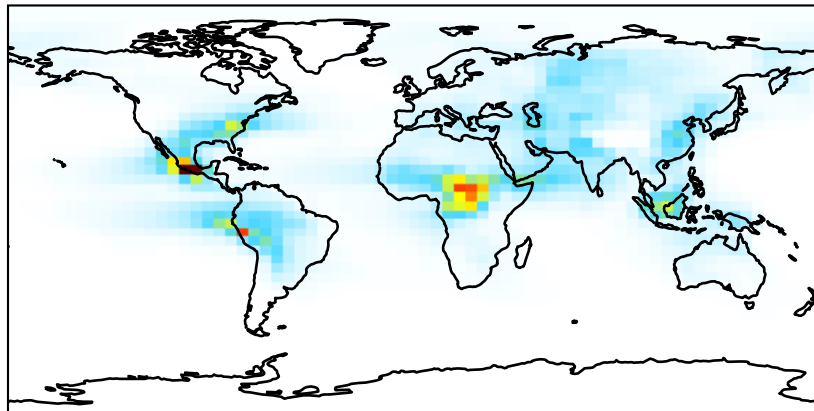


Ratio (1x1.25)
Dev/Ref, Fixed Range

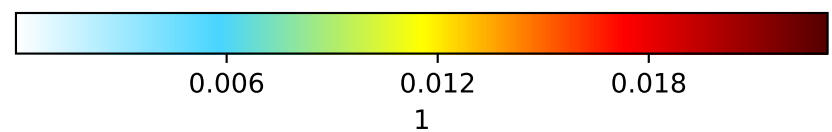
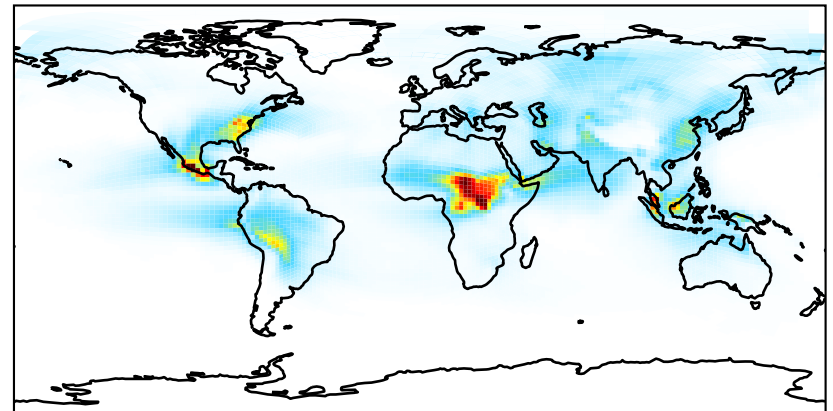


Column_AOD_SOA_from_Aqueous_ISOP (Jul2019)

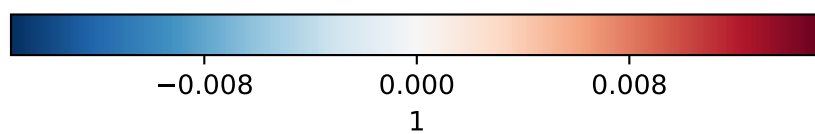
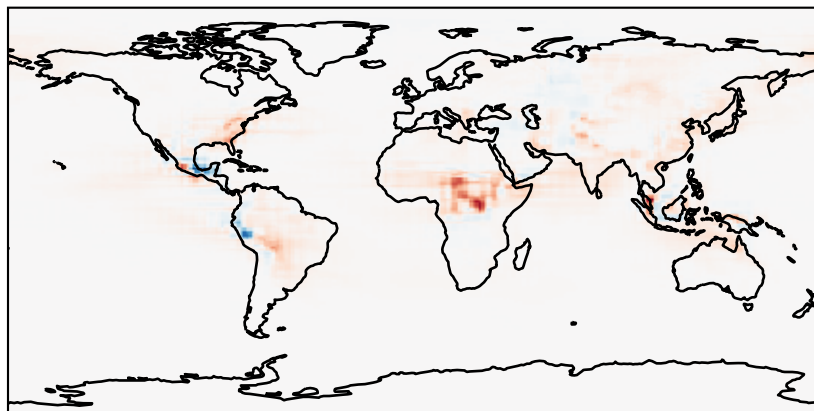
GCC_13.2.0-LuoWetdep (Ref)
4.0x5.0



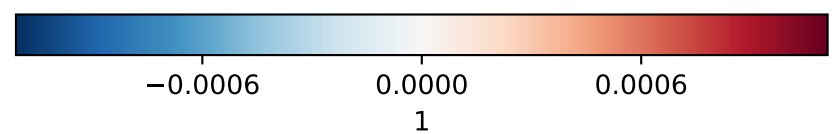
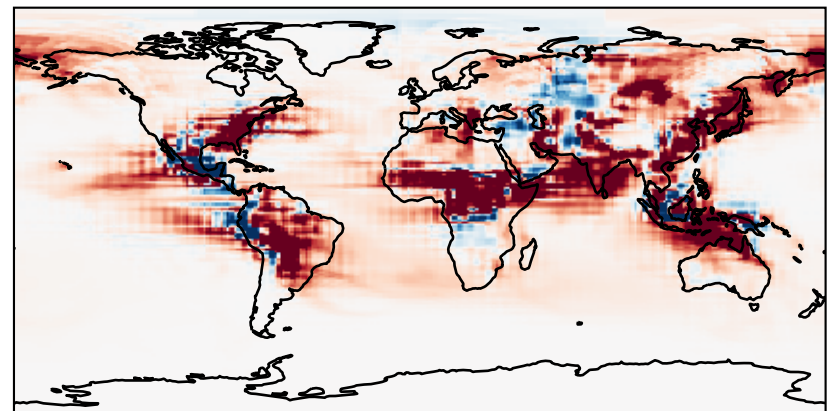
GCHP_13.2.0-LuoWetdep (Dev)
c48



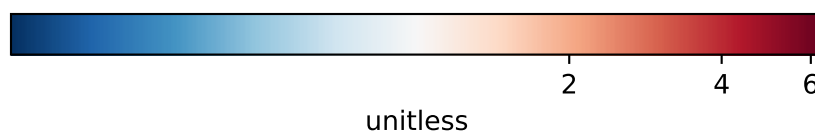
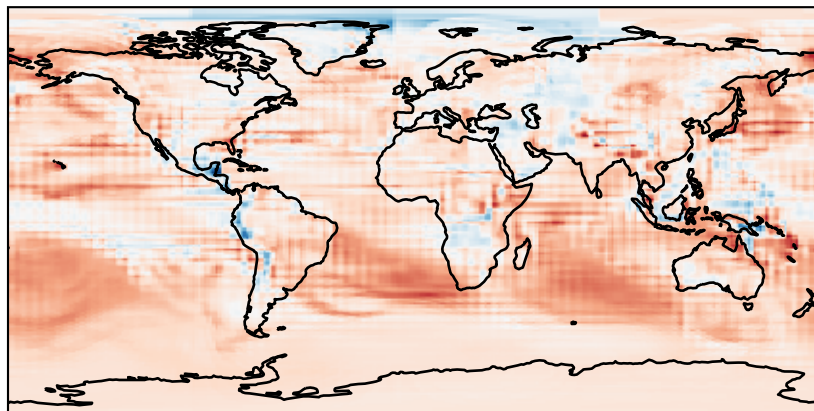
Difference (1x1.25)
Dev - Ref, Dynamic Range



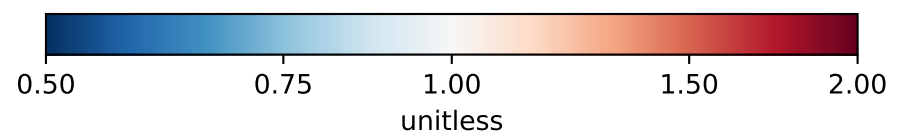
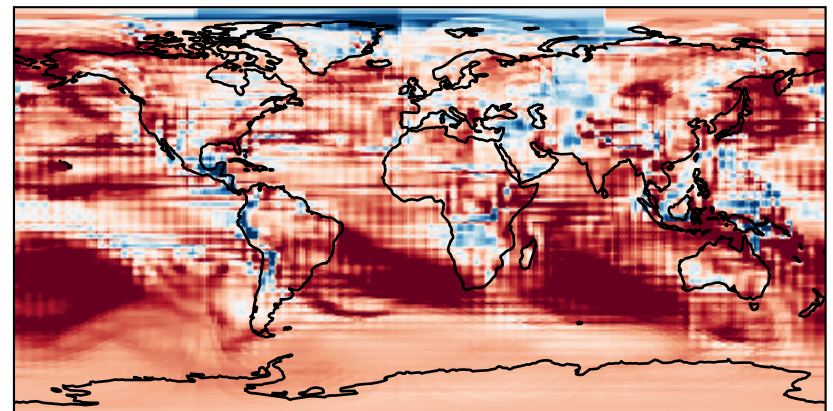
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

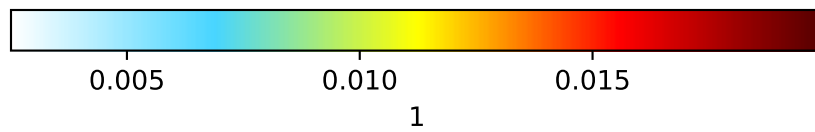
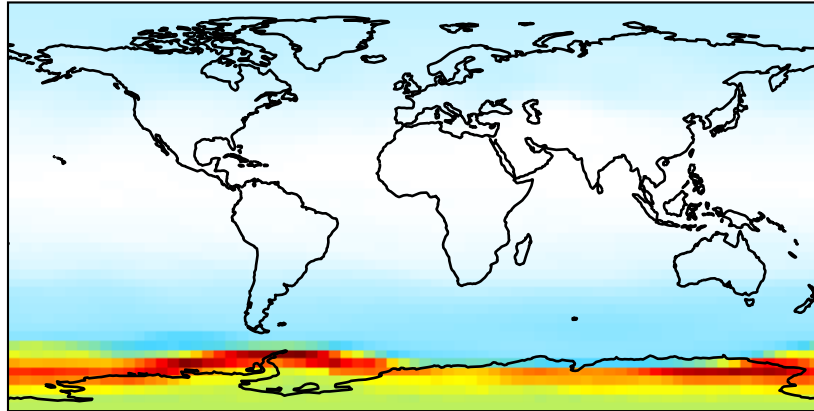


Ratio (1x1.25)
Dev/Ref, Fixed Range

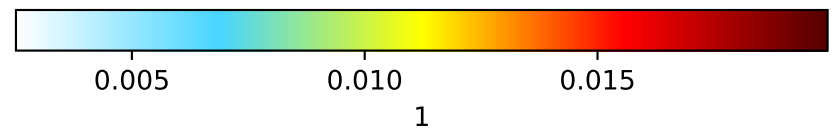
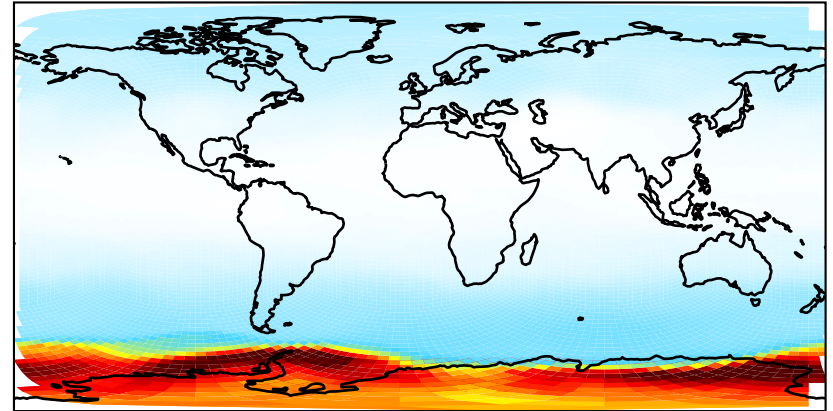


Column_AOD_Strat_Liquid_Aerosol (Jul2019)

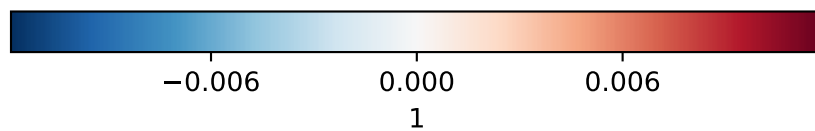
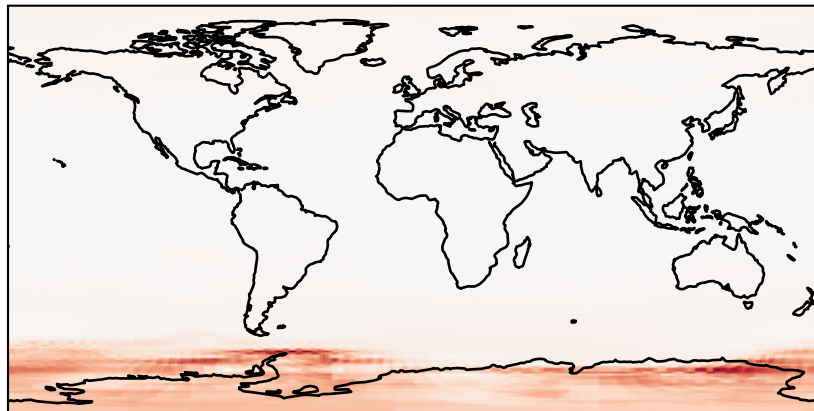
GCC_13.2.0-LuoWetdep (Ref)
4.0x5.0



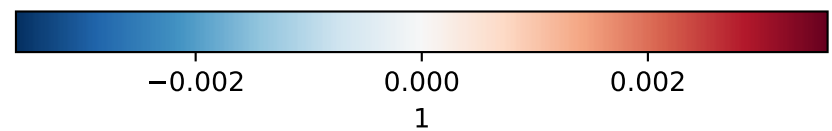
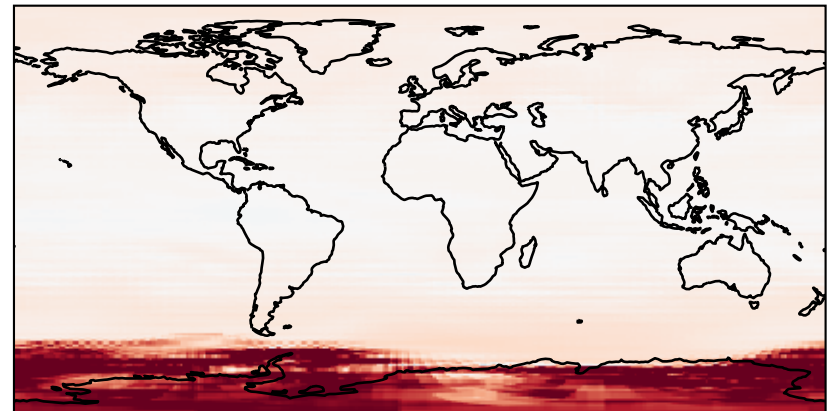
GCHP_13.2.0-LuoWetdep (Dev)
c48



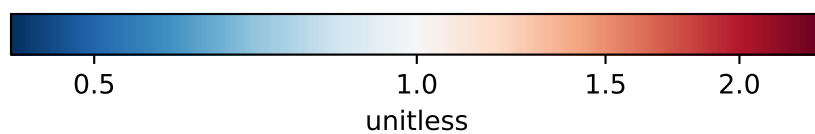
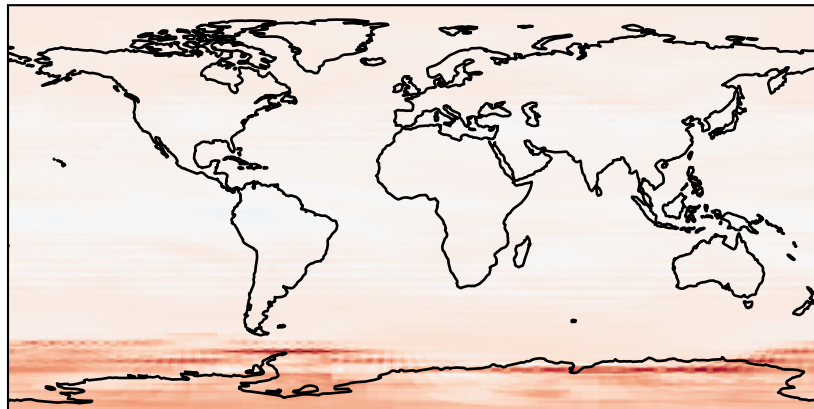
Difference (1x1.25)
Dev - Ref, Dynamic Range



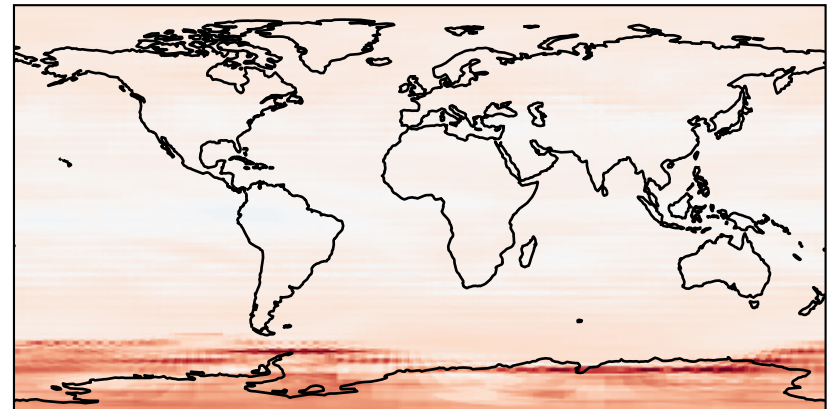
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

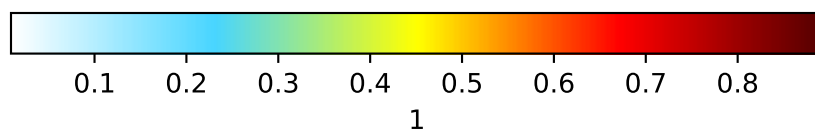
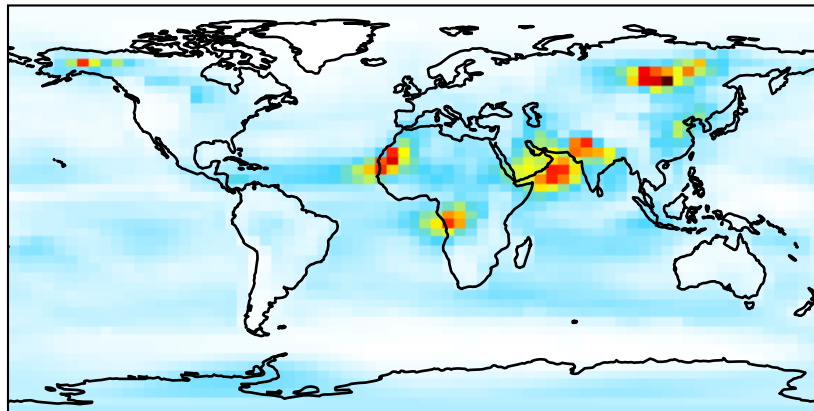


Ratio (1x1.25)
Dev/Ref, Fixed Range

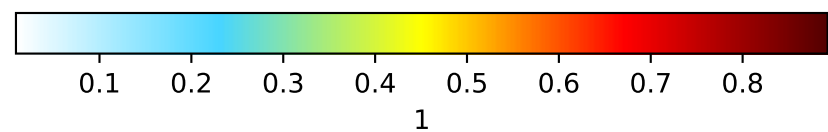
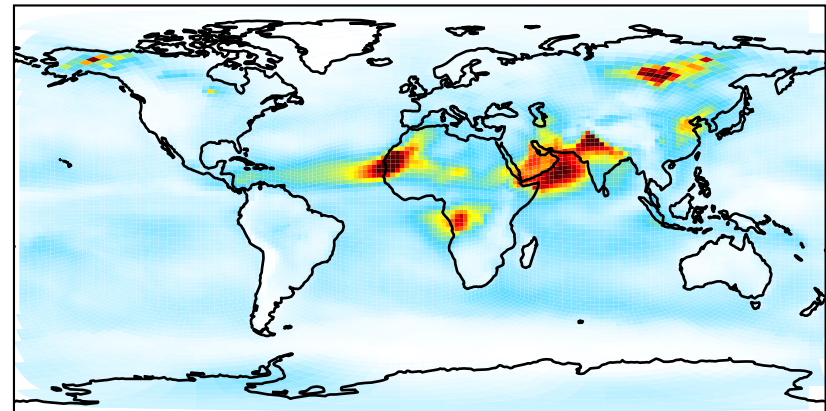


Column_AOD_Total (Jul2019)

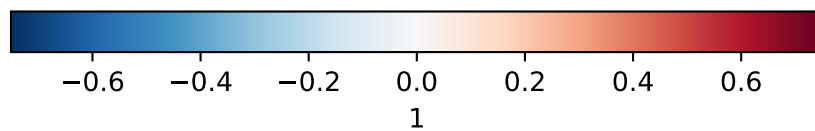
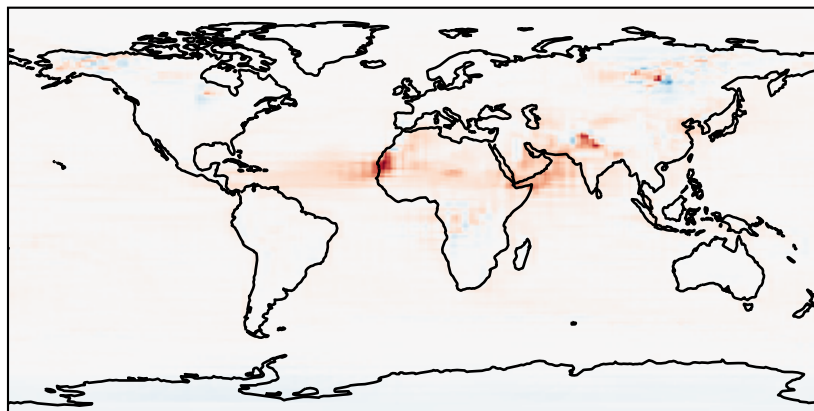
GCC_13.2.0-LuoWetdep (Ref)
4.0x5.0



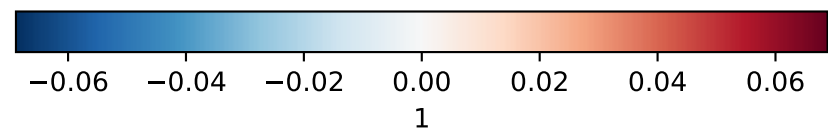
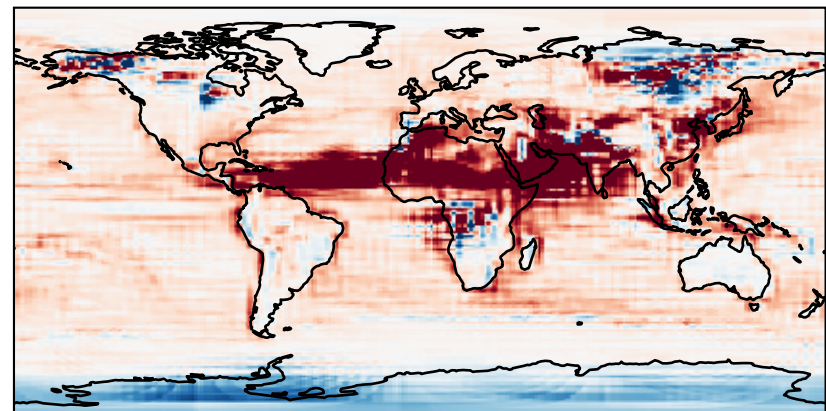
GCHP_13.2.0-LuoWetdep (Dev)
c48



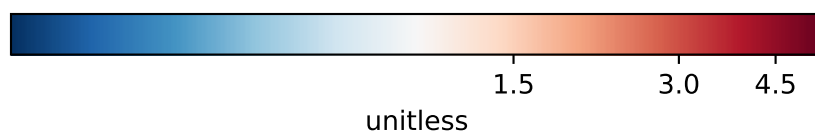
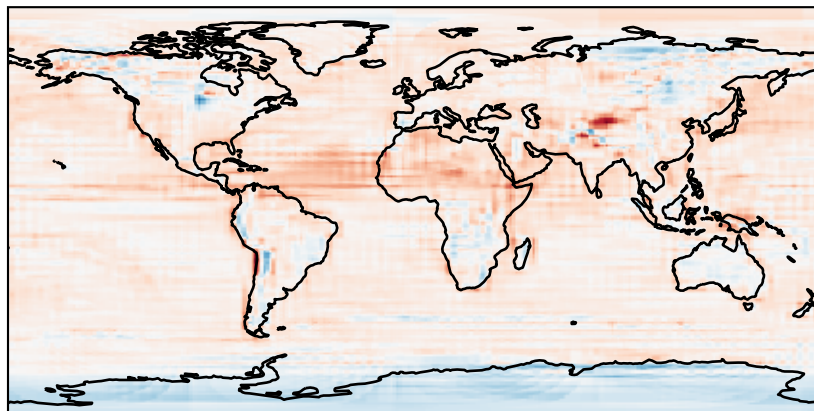
Difference (1x1.25)
Dev - Ref, Dynamic Range



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



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



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

