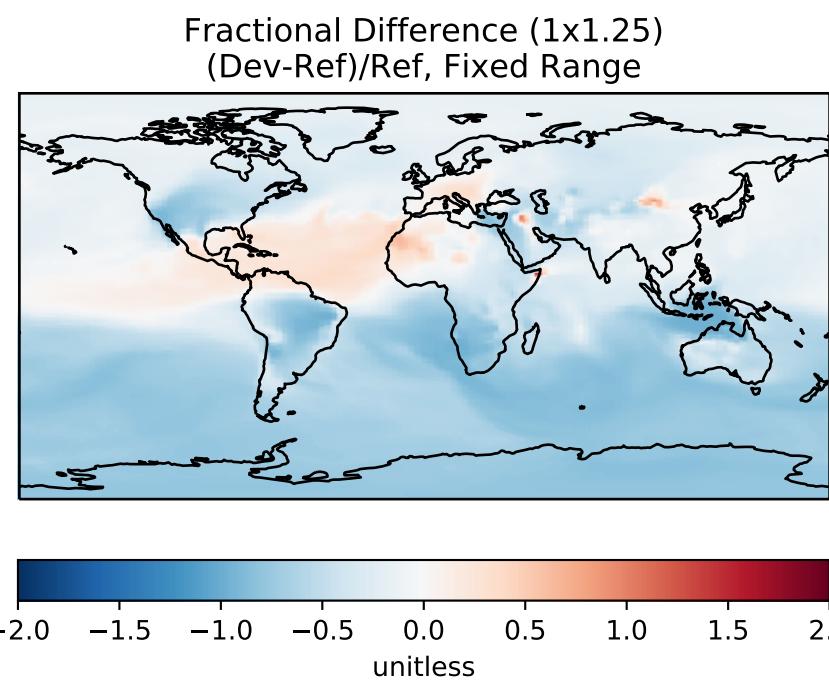
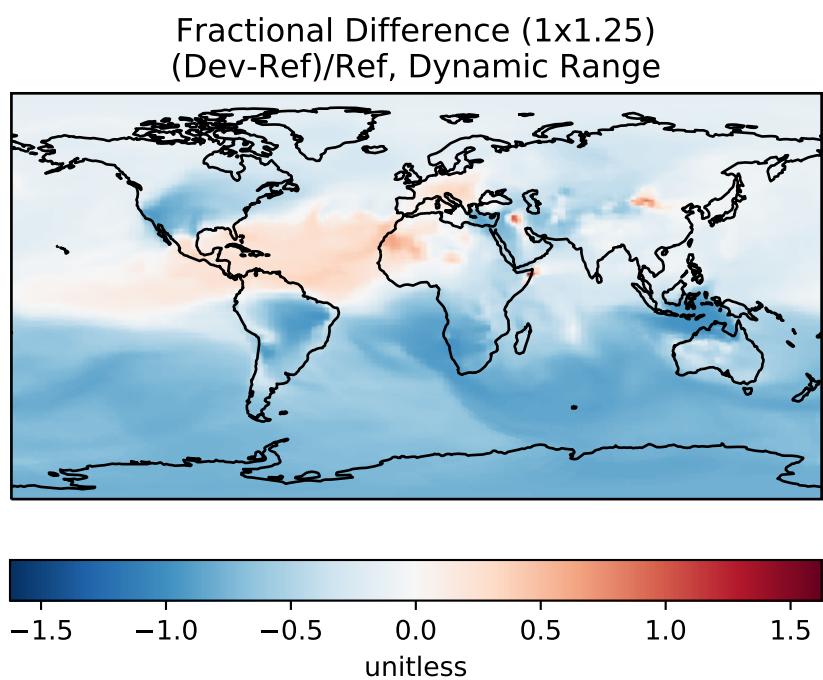
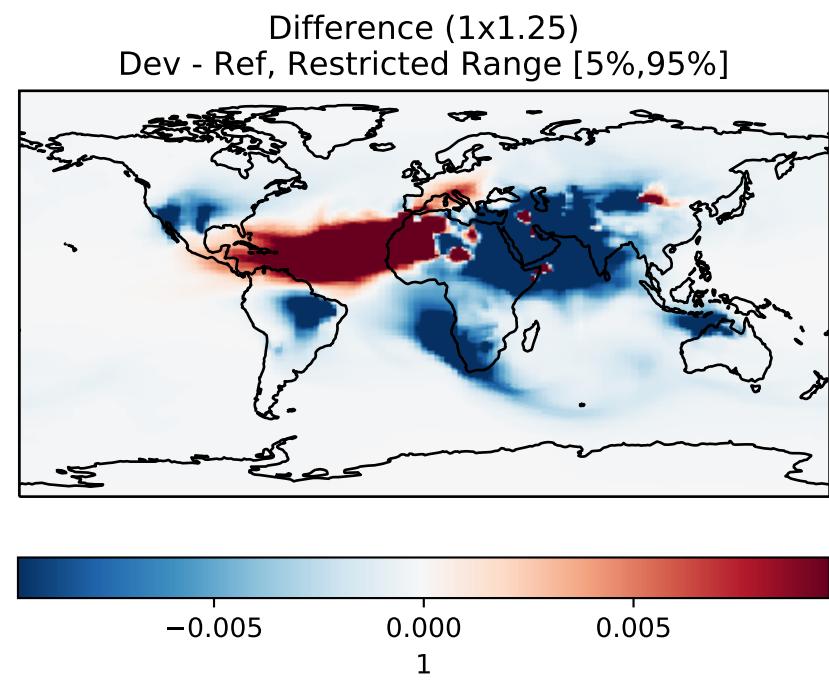
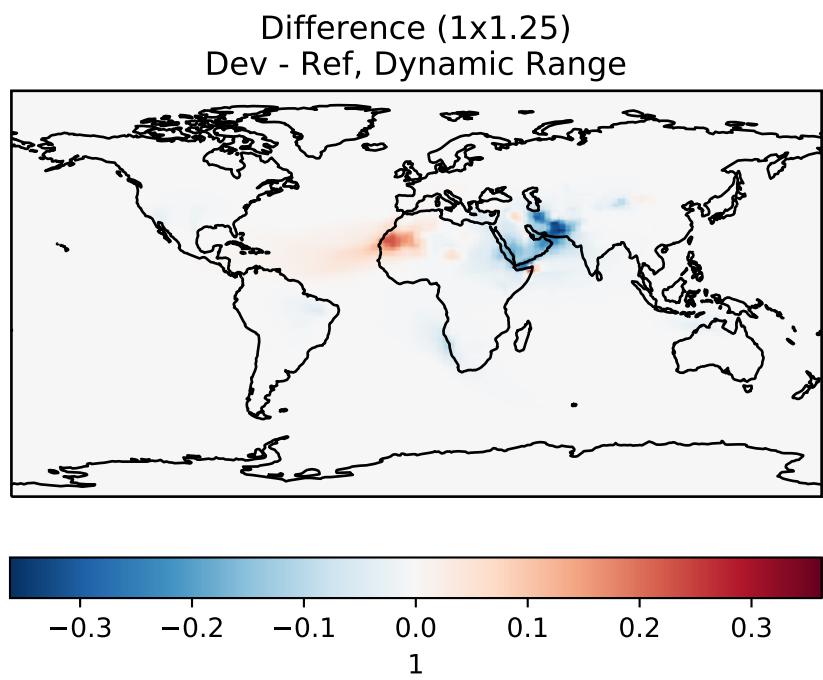
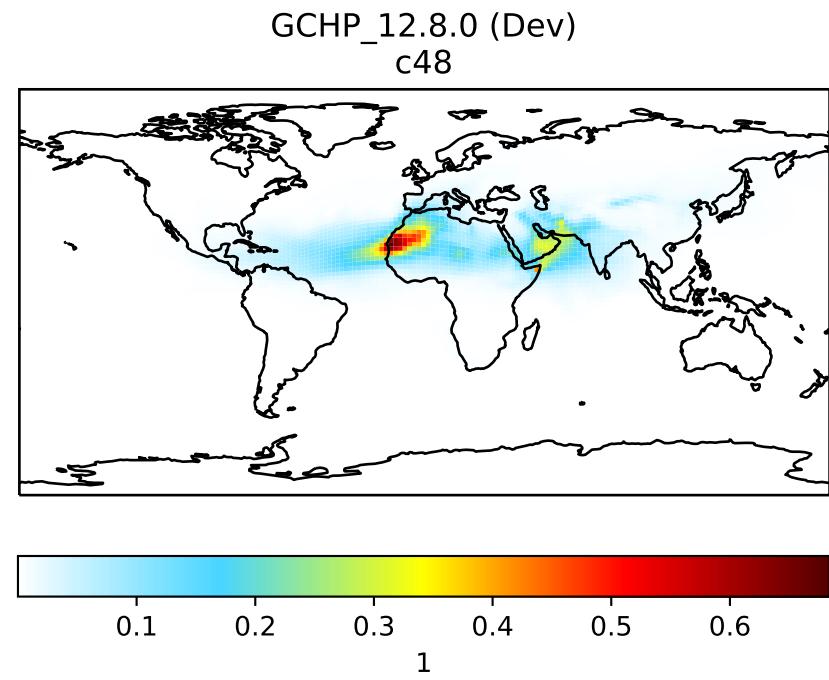
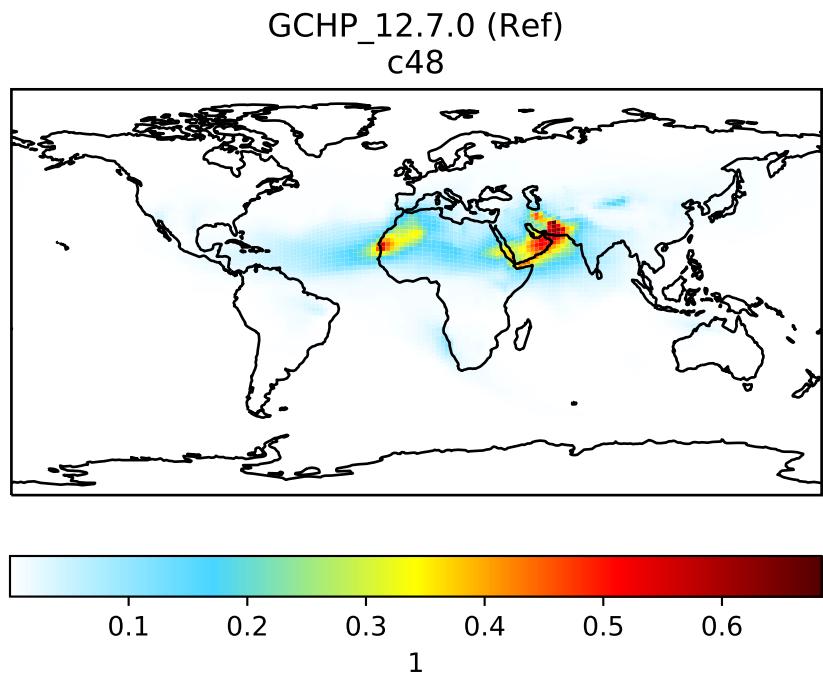
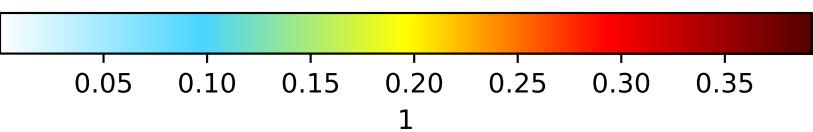
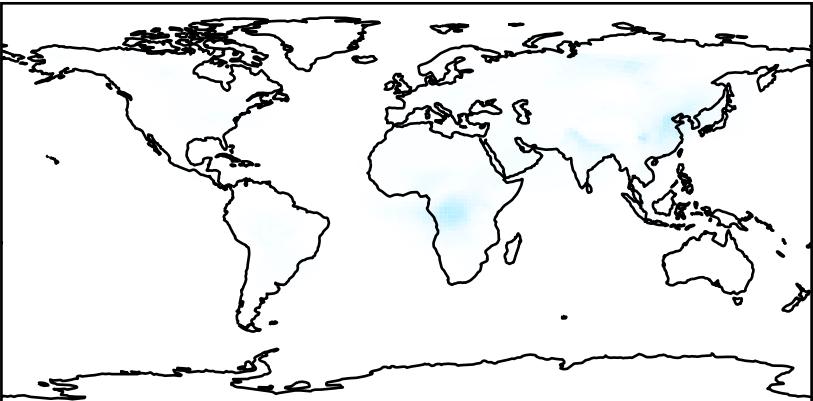


Column_AOD_Dust

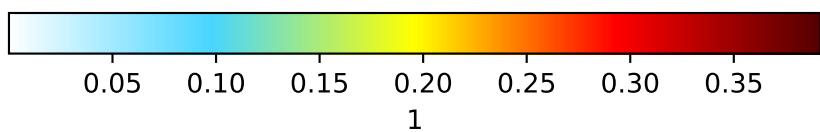
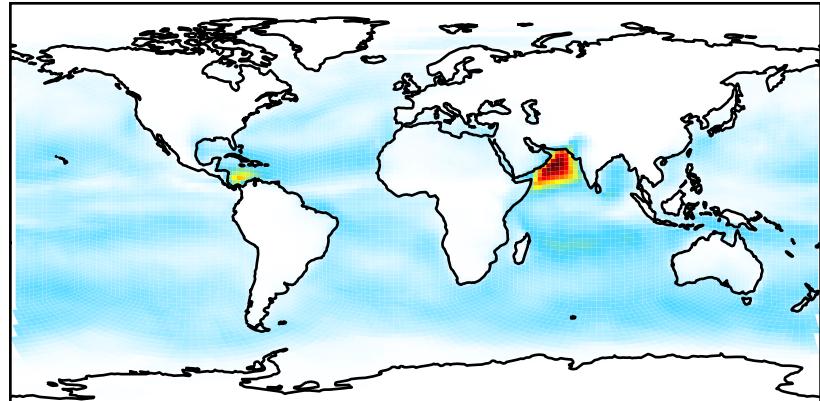


Column_AOD_BCPI

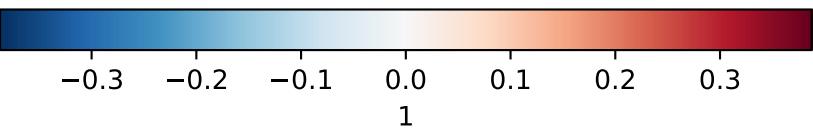
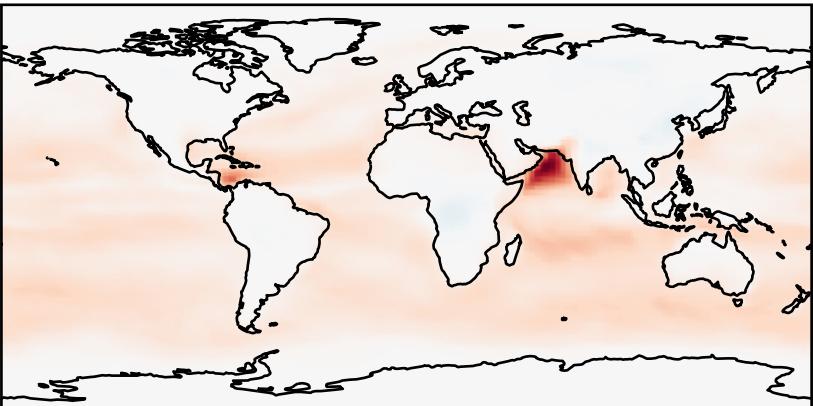
GCHP_12.7.0 (Ref)
c48



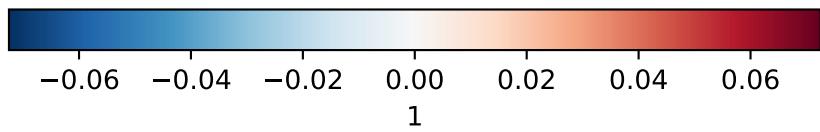
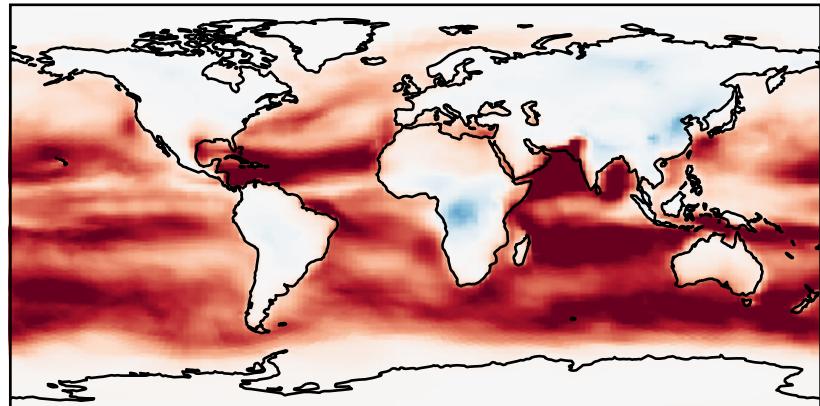
GCHP_12.8.0 (Dev)
c48



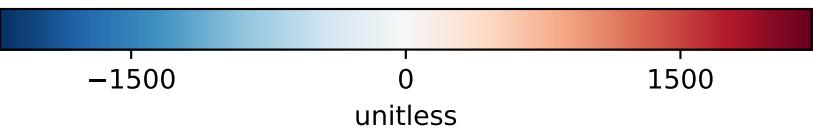
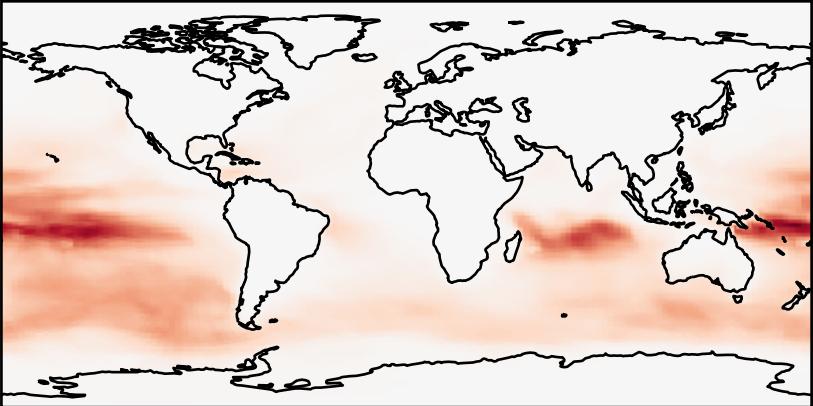
Difference (1x1.25)
Dev - Ref, Dynamic Range



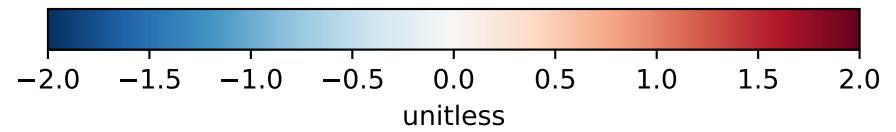
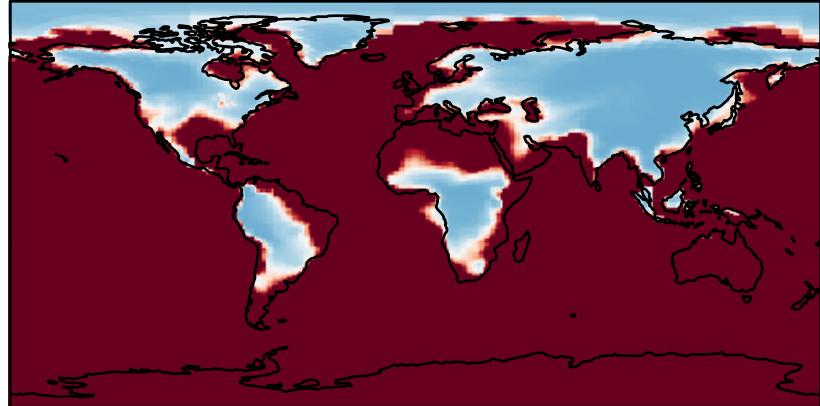
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

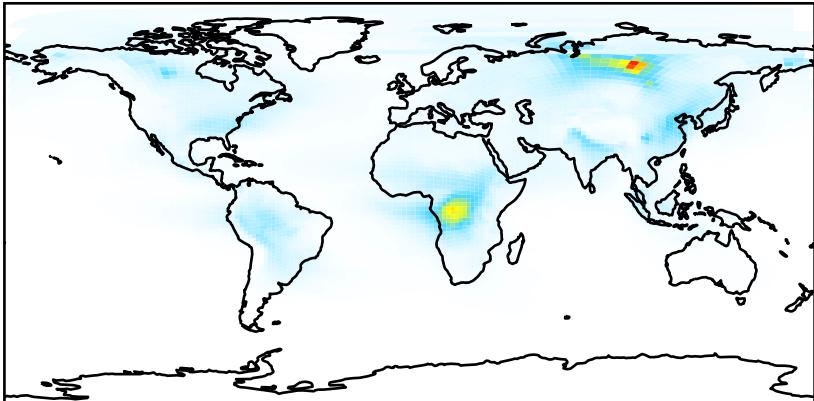


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

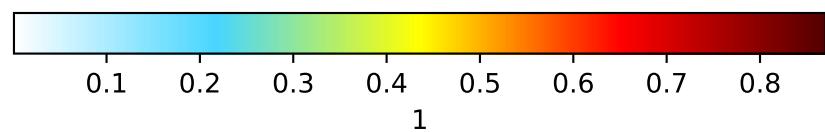
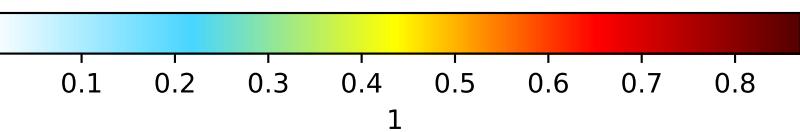
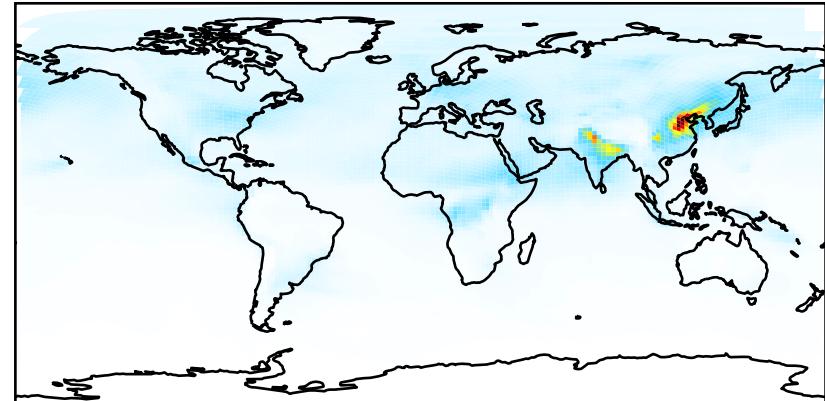


Column_AOD_OCPI

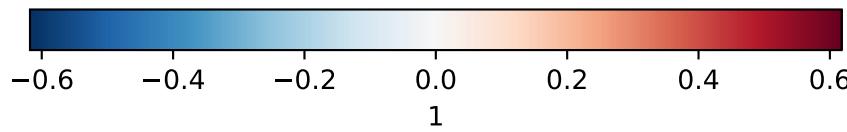
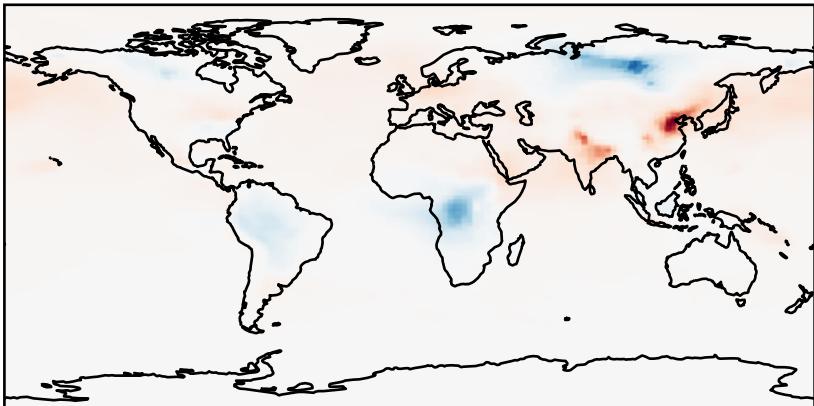
GCHP_12.7.0 (Ref)
c48



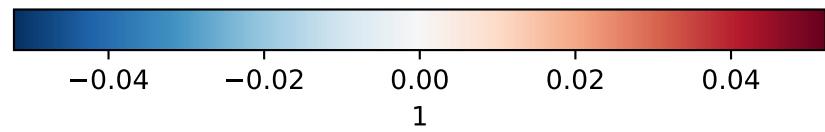
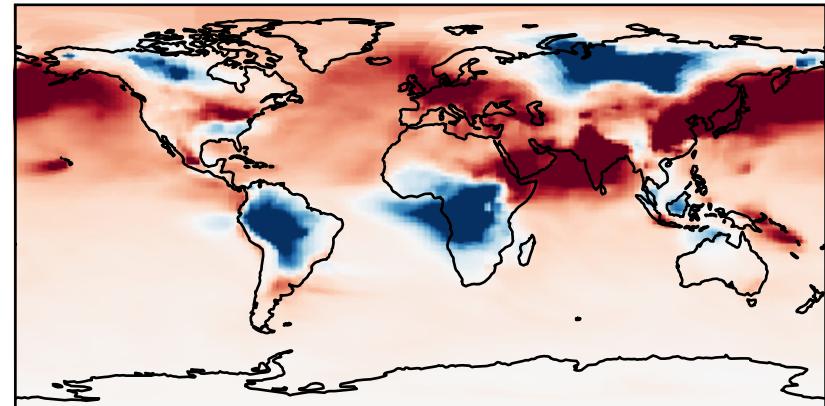
GCHP_12.8.0 (Dev)
c48



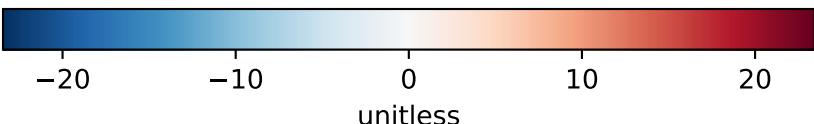
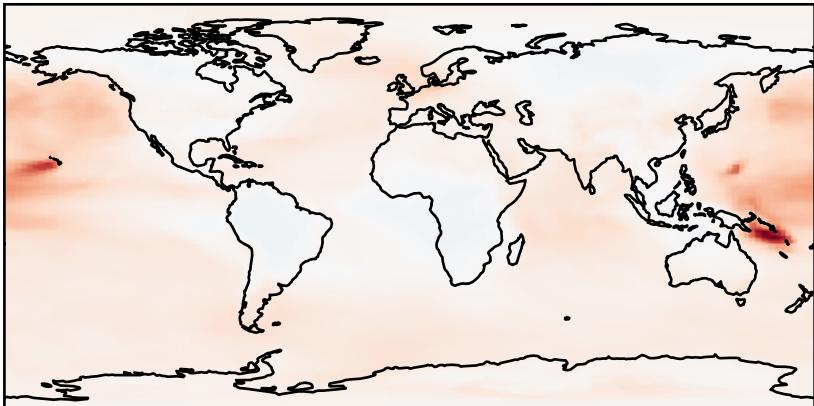
Difference (1x1.25)
Dev - Ref, Dynamic Range



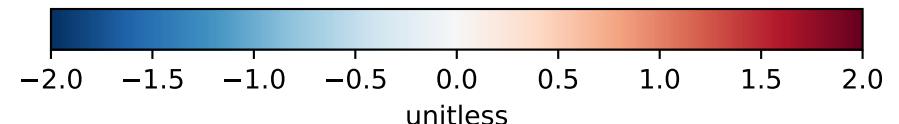
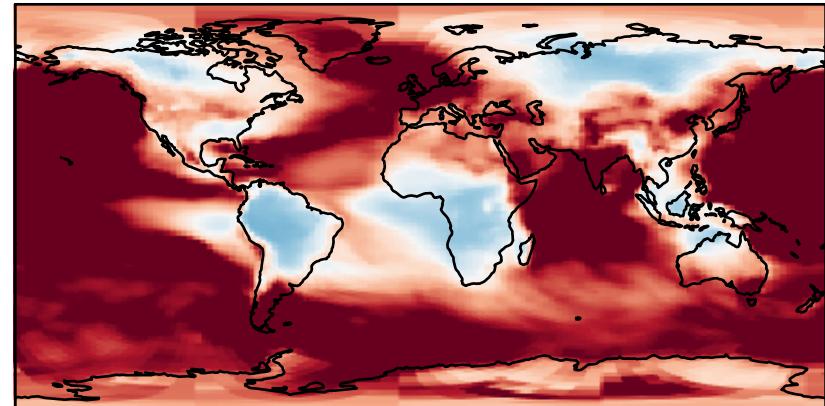
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

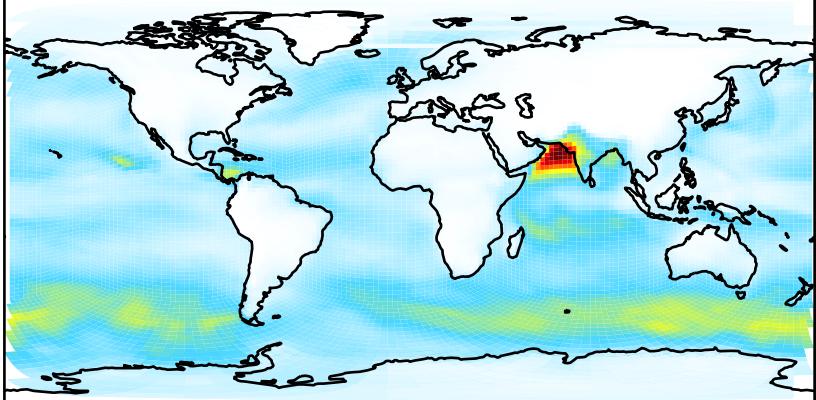


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

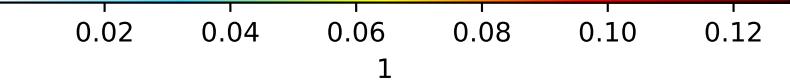
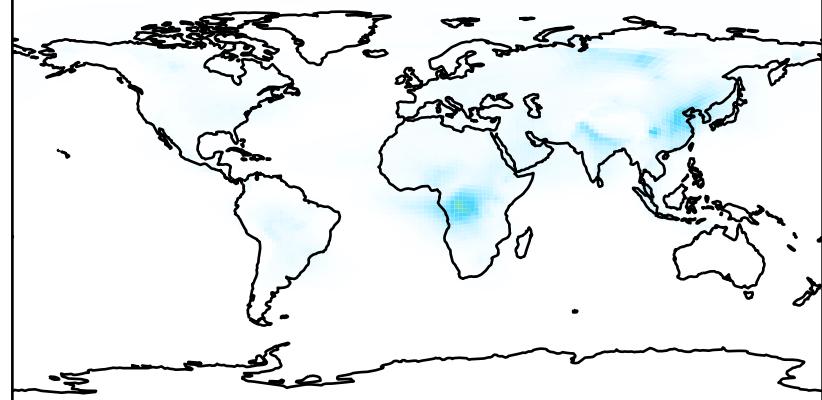


Column_AOD_SALA

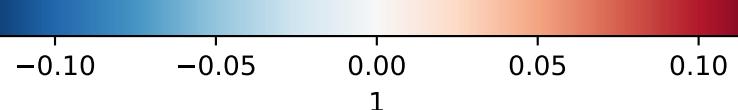
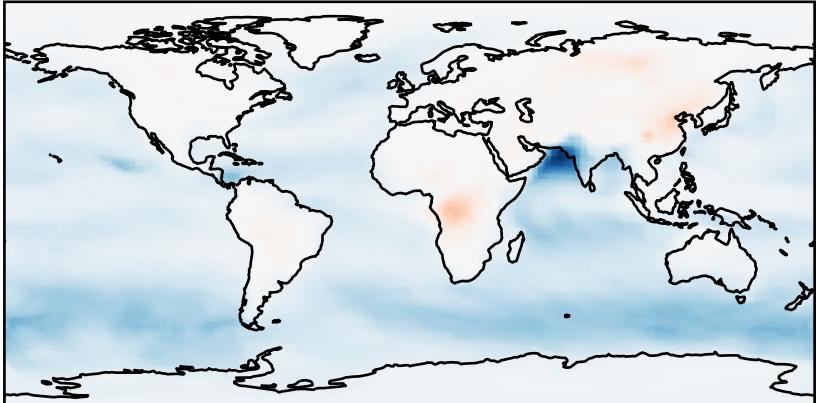
GCHP_12.7.0 (Ref)
c48



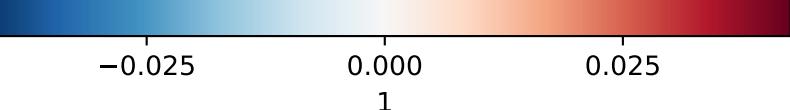
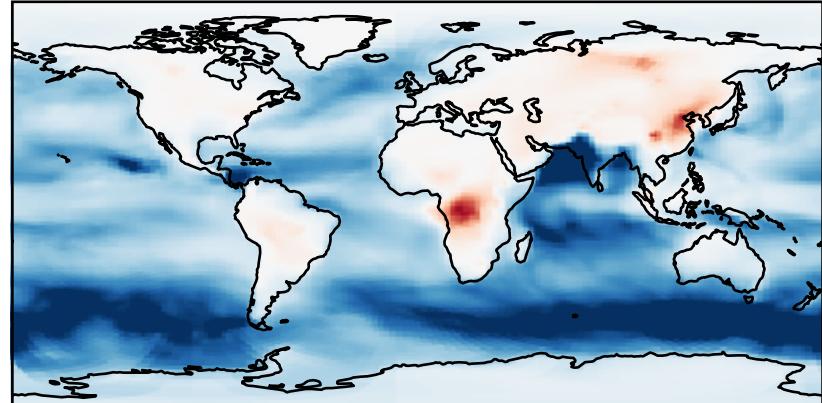
GCHP_12.8.0 (Dev)
c48



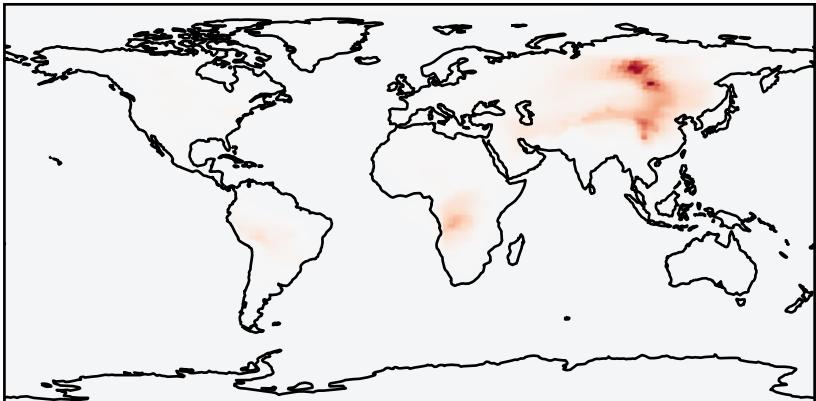
Difference (1x1.25)
Dev - Ref, Dynamic Range



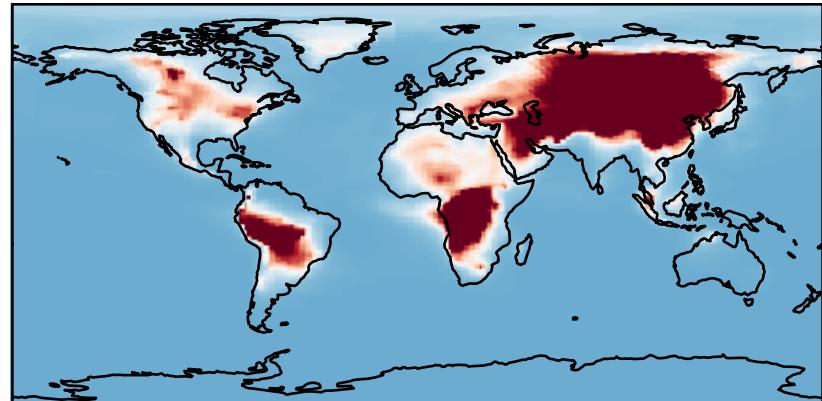
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

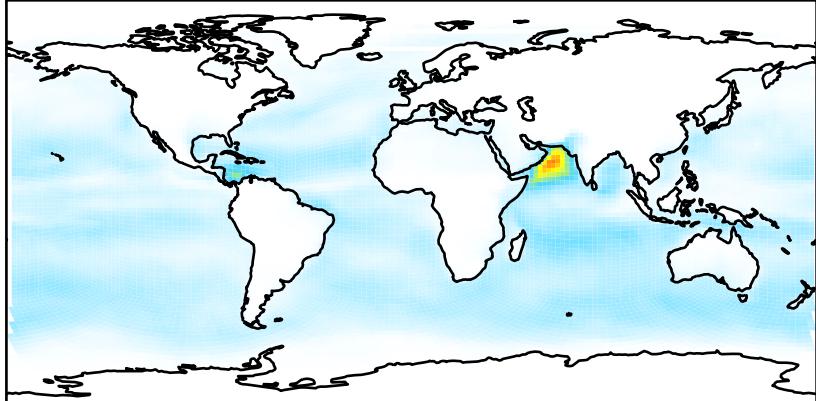


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

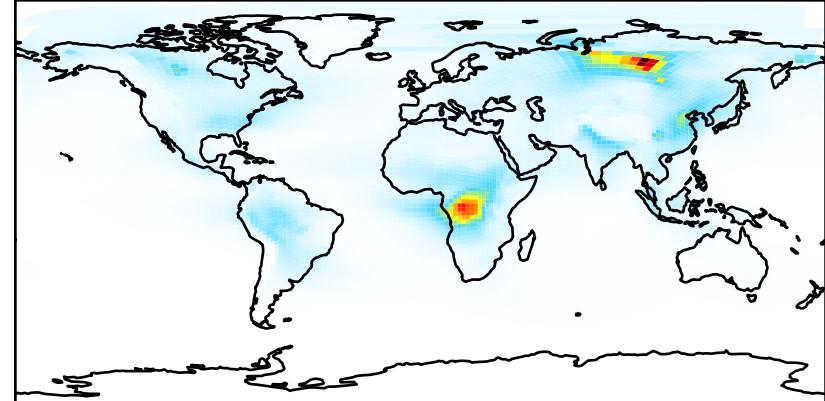


Column_AOD_SALC

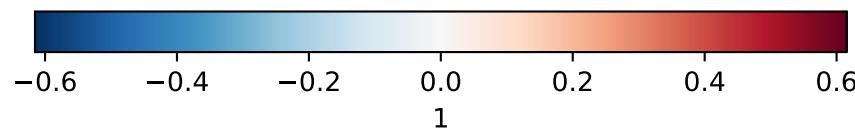
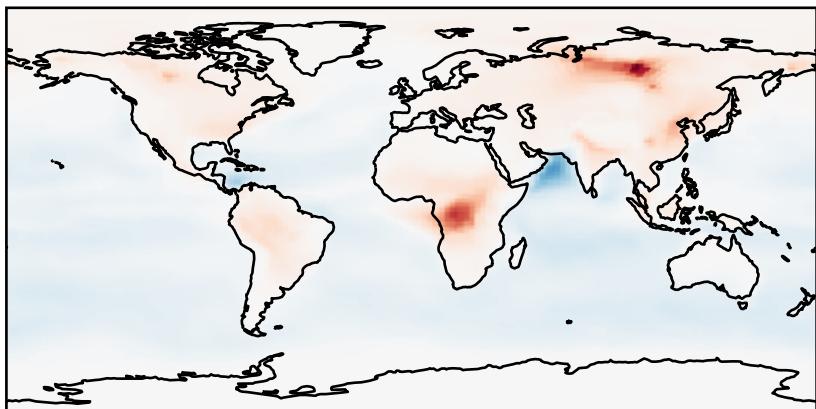
GCHP_12.7.0 (Ref)
c48



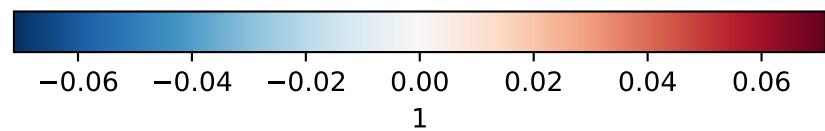
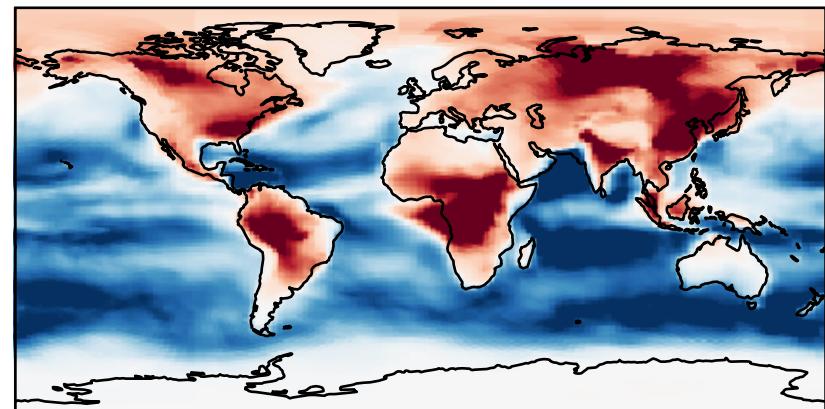
GCHP_12.8.0 (Dev)
c48



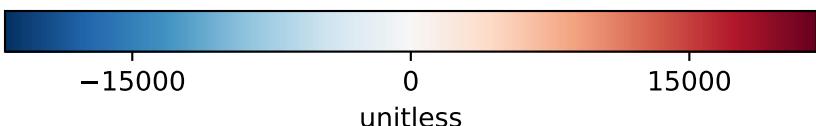
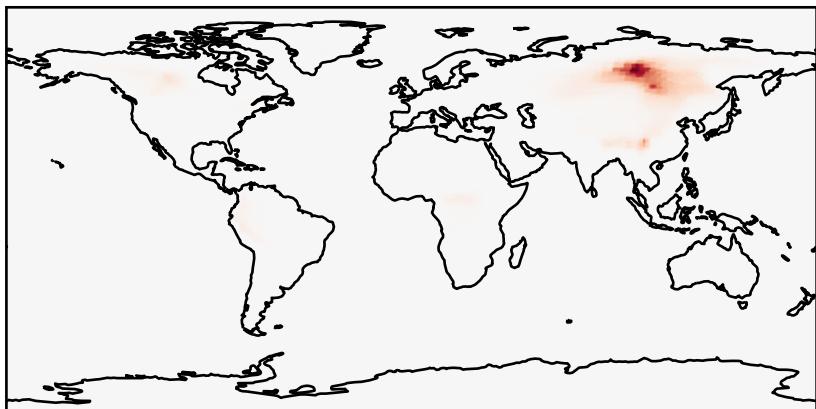
Difference (1x1.25)
Dev - Ref, Dynamic Range



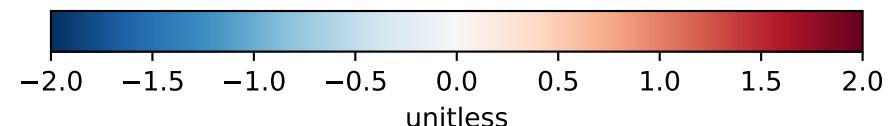
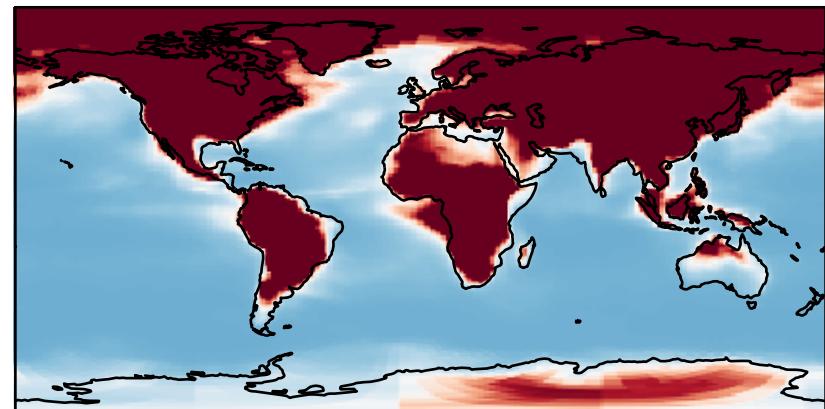
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

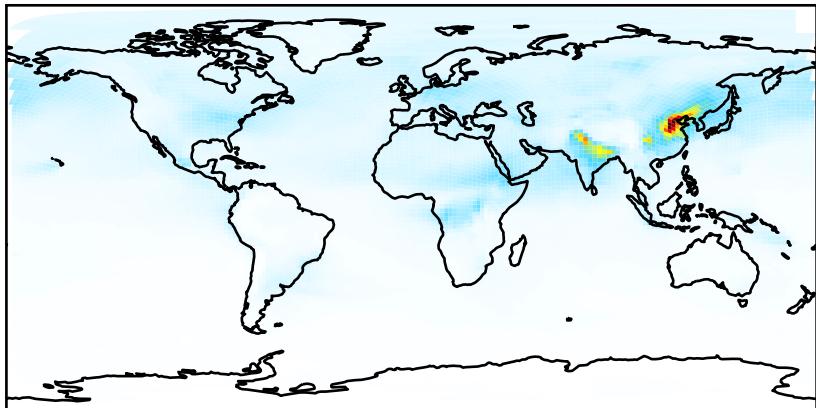


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

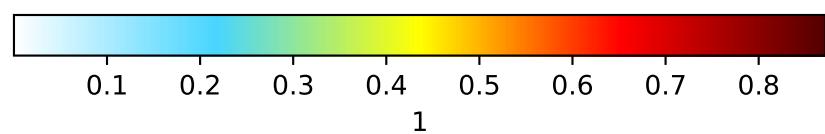
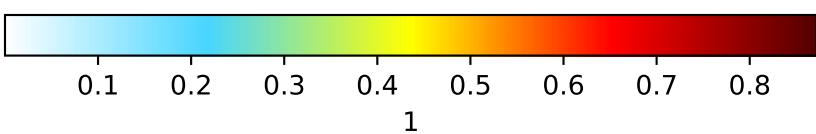
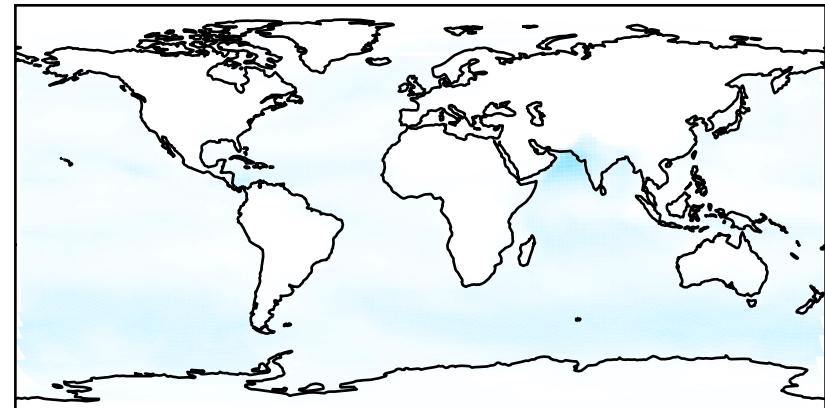


Column_AOD_SO4

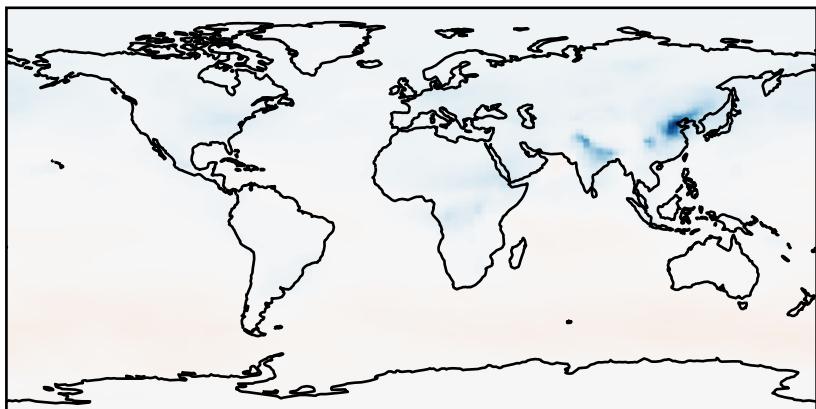
GCHP_12.7.0 (Ref)
c48



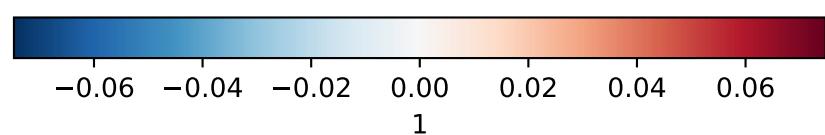
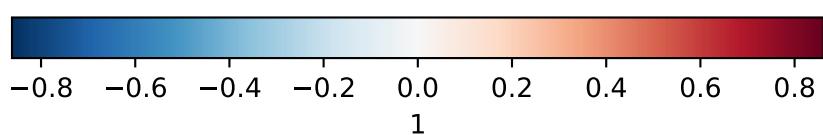
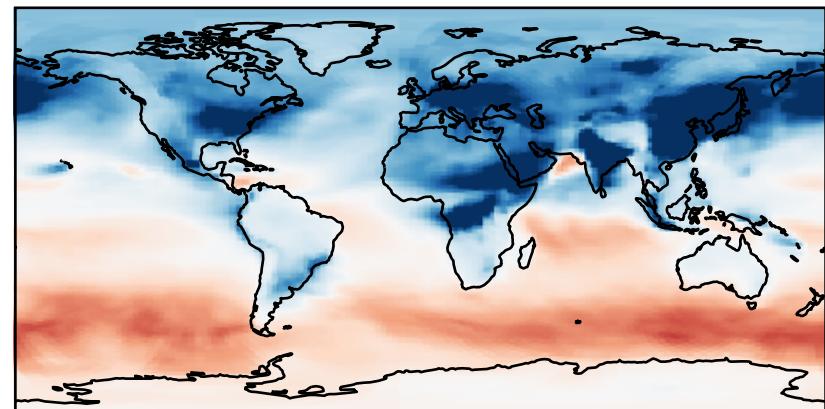
GCHP_12.8.0 (Dev)
c48



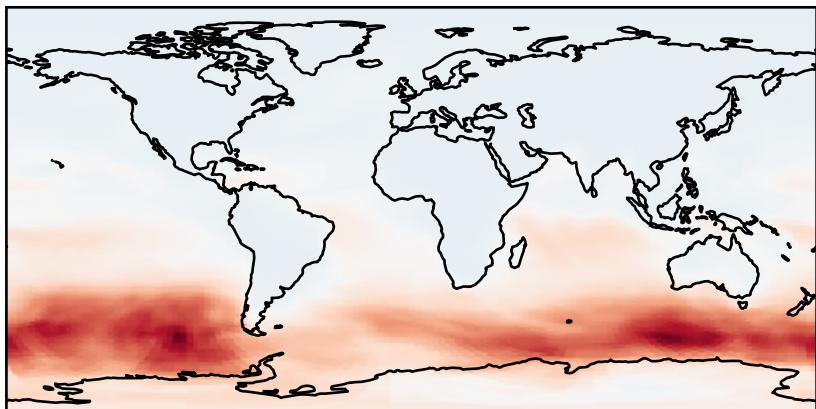
Difference (1x1.25)
Dev - Ref, Dynamic Range



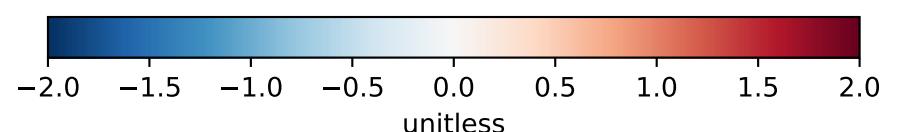
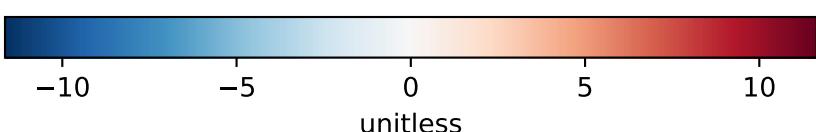
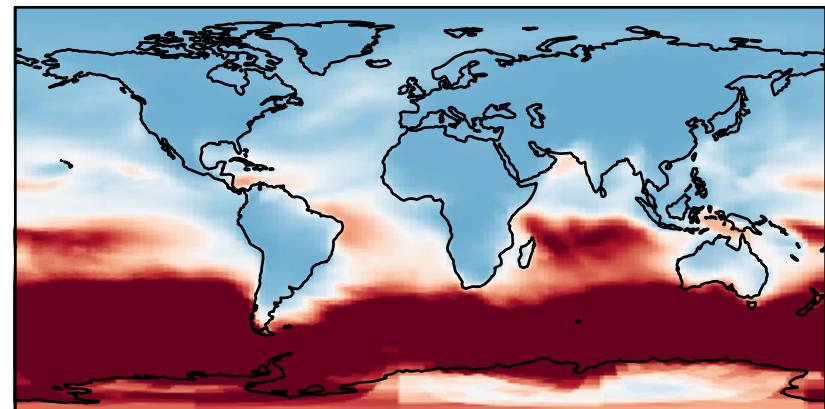
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



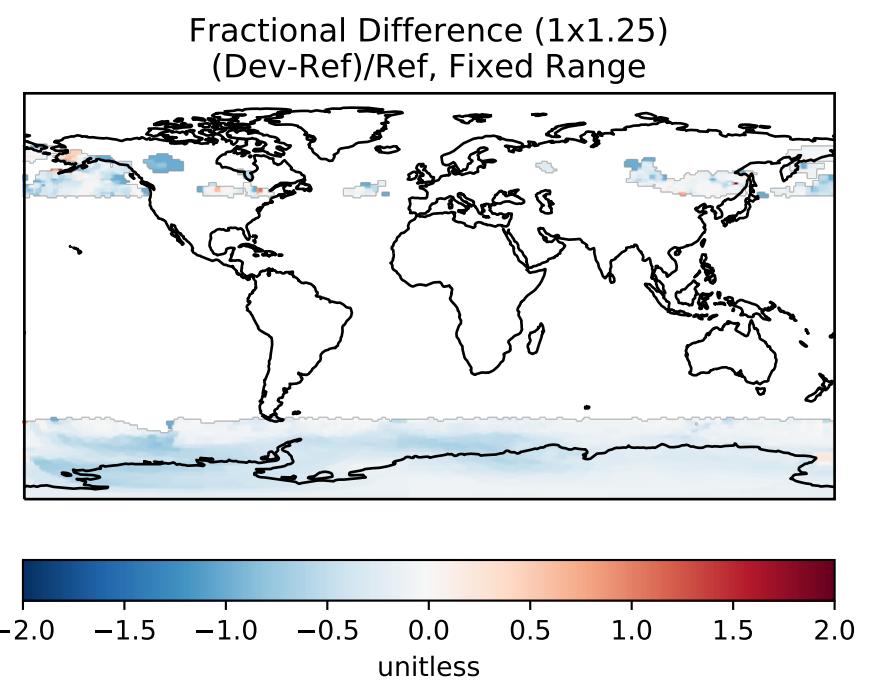
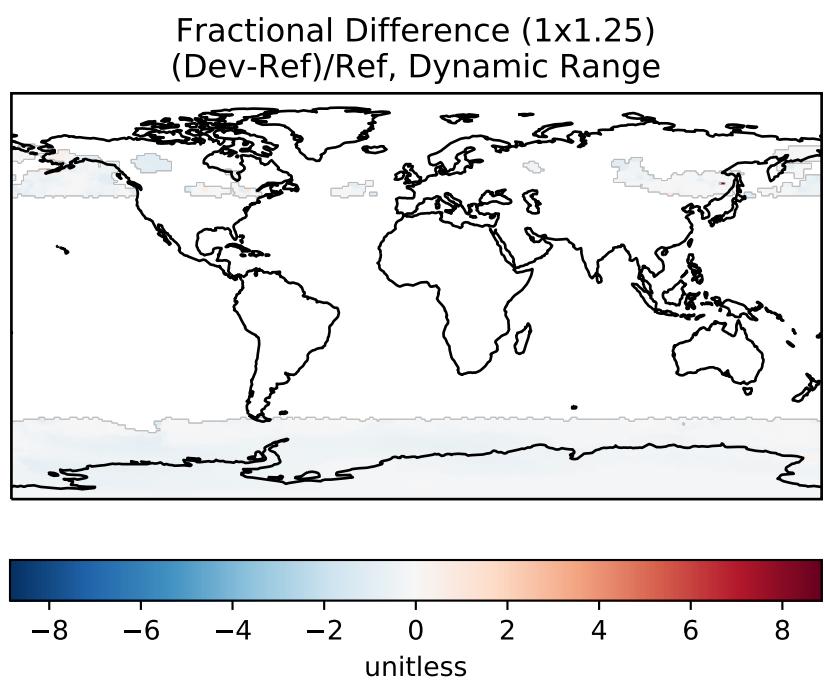
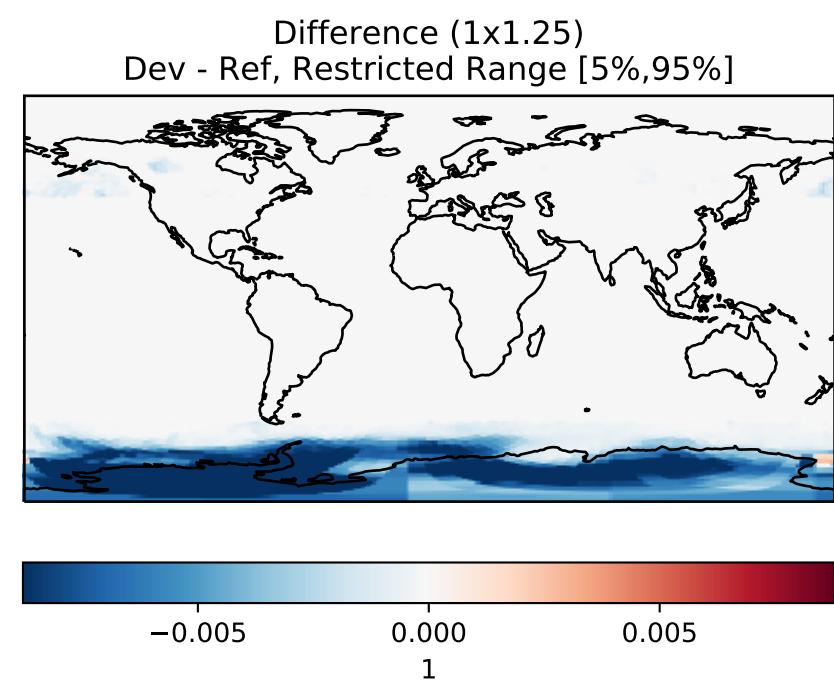
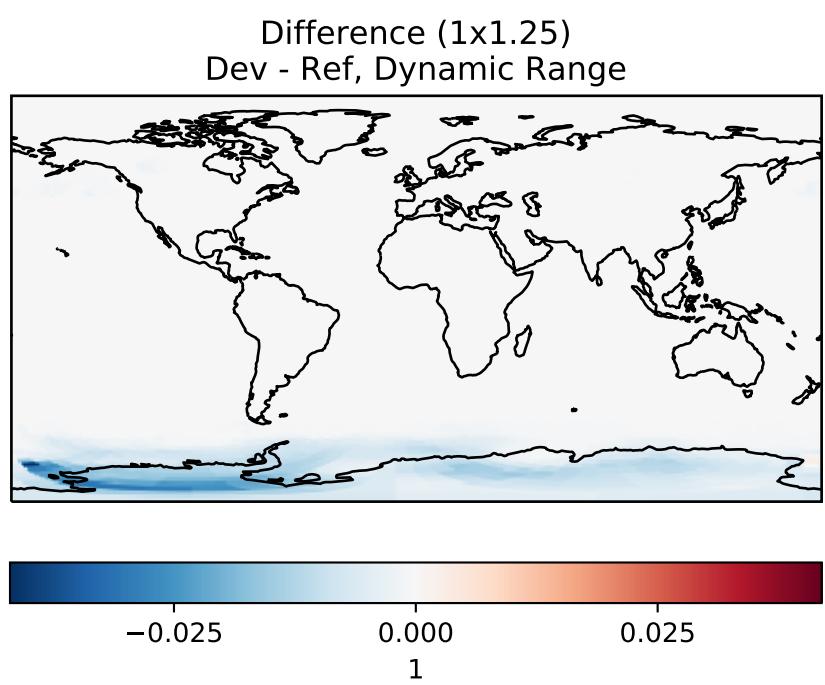
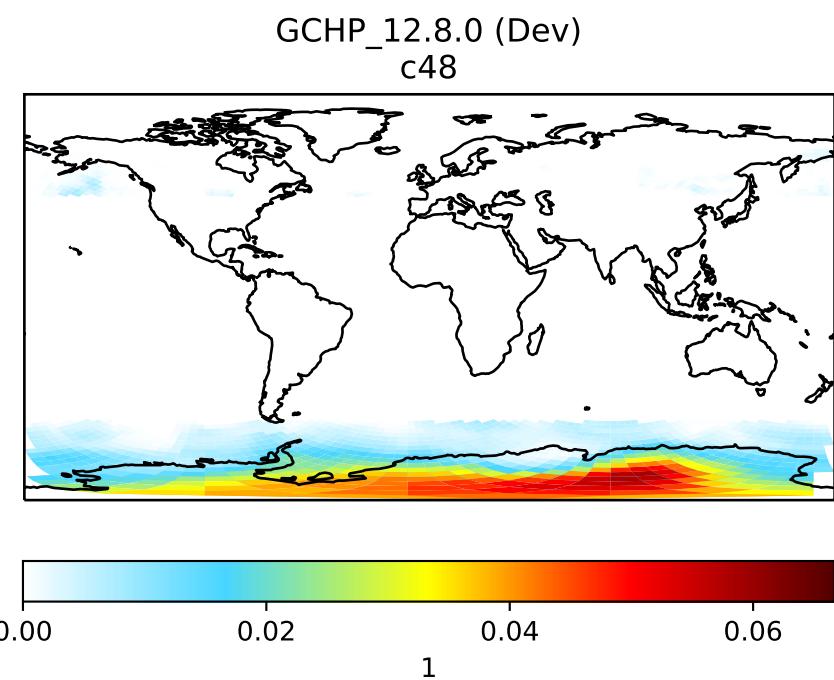
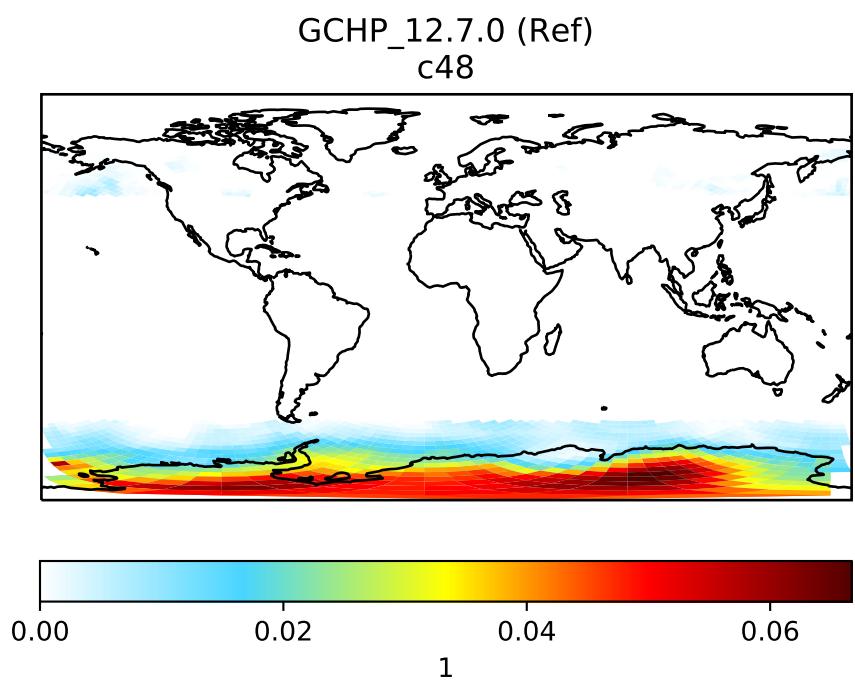
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



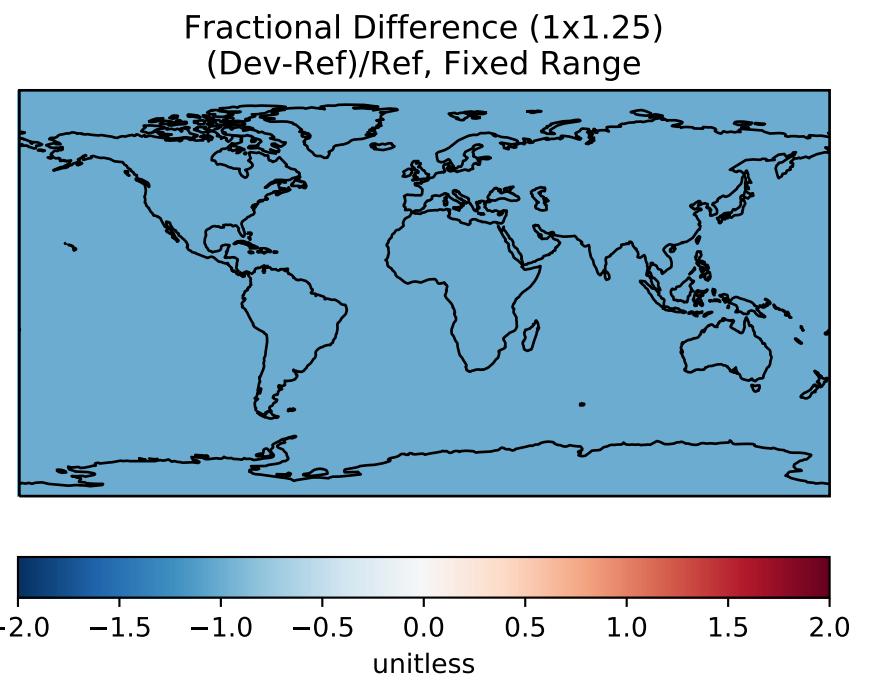
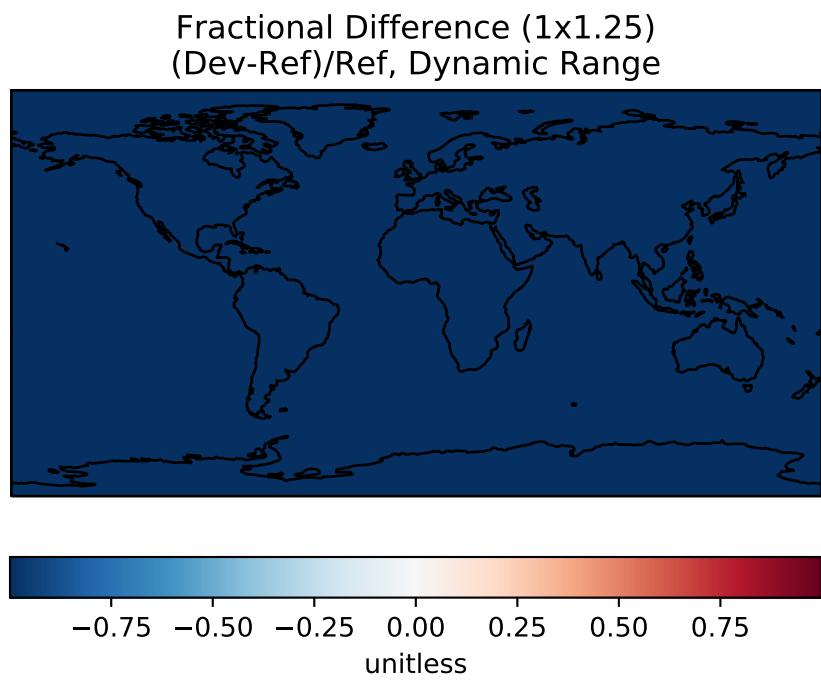
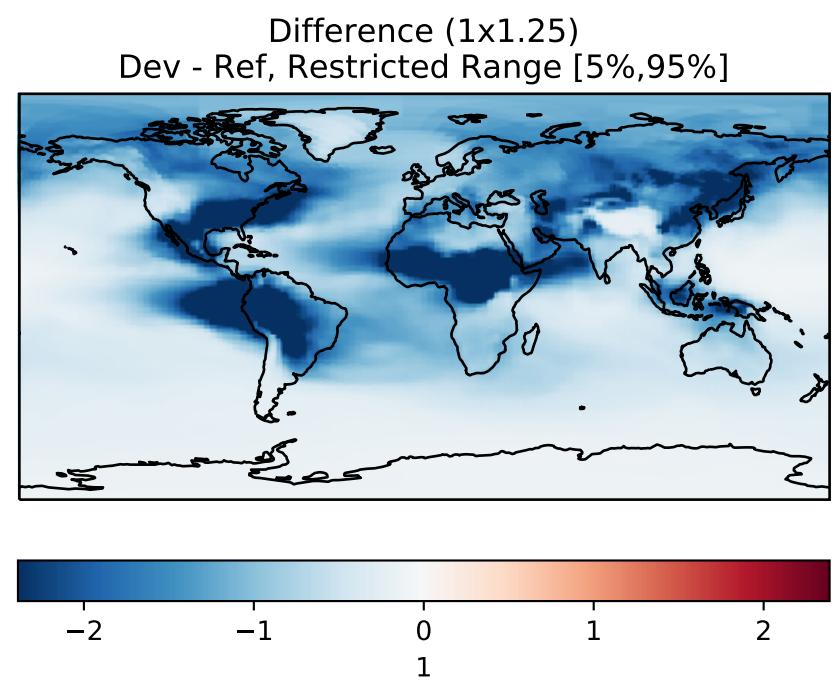
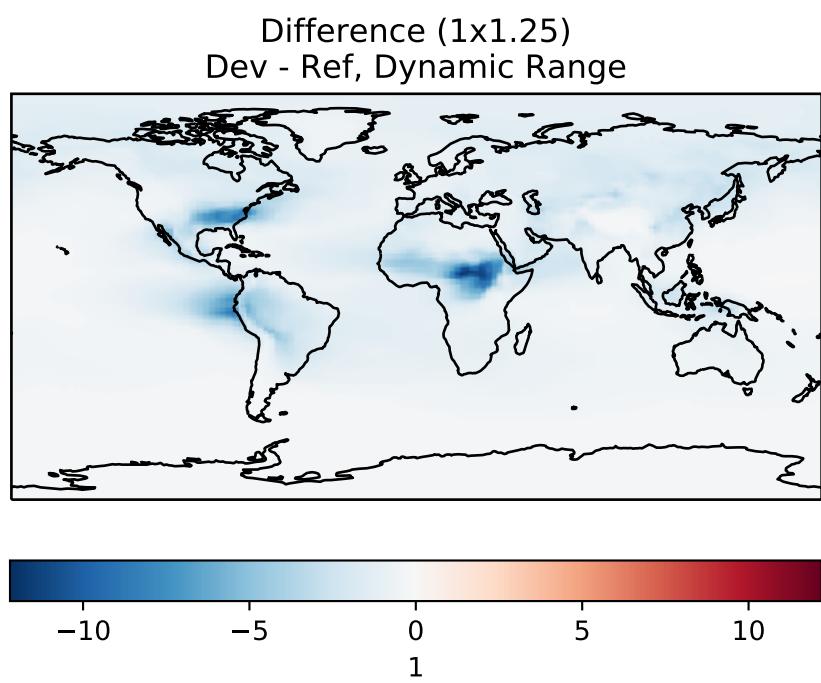
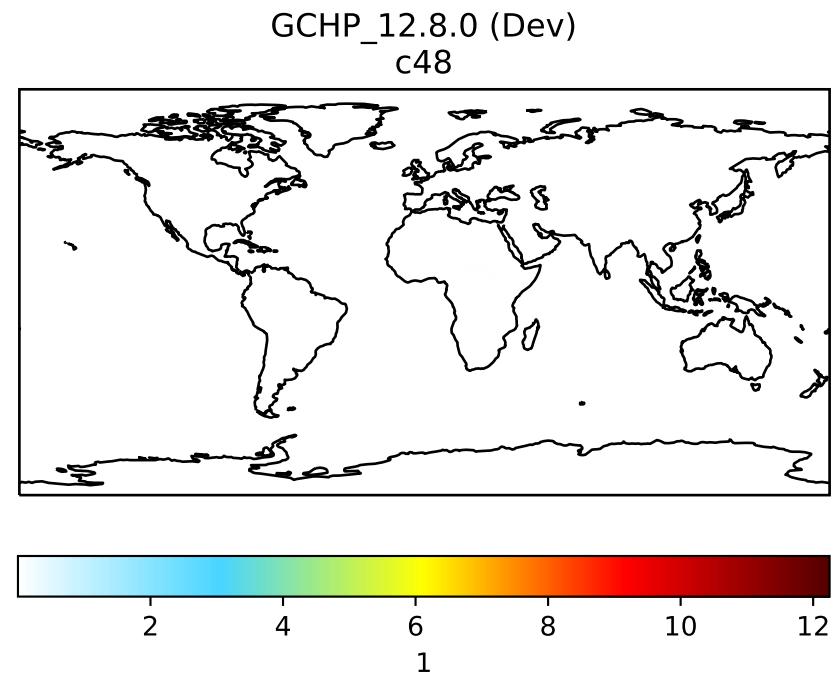
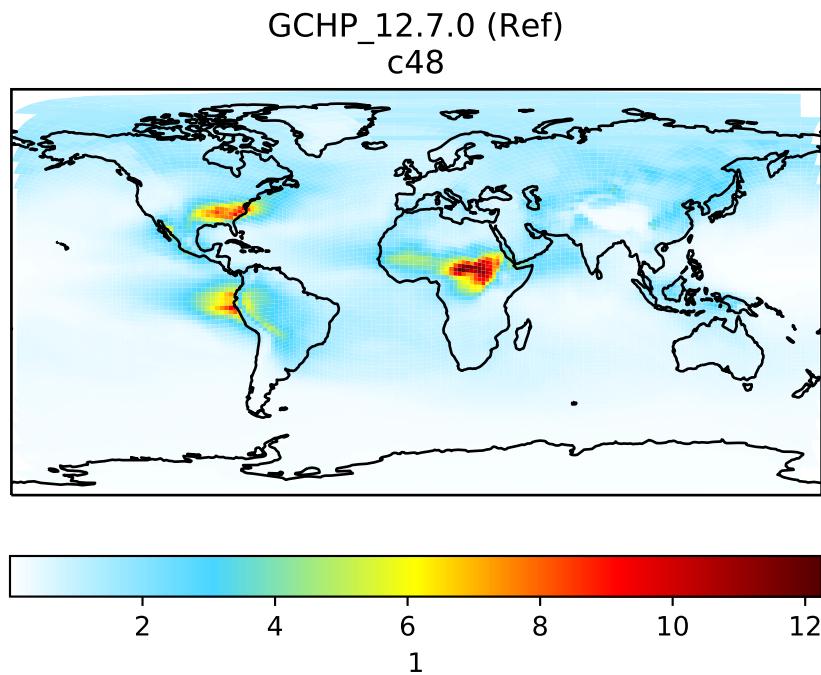
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



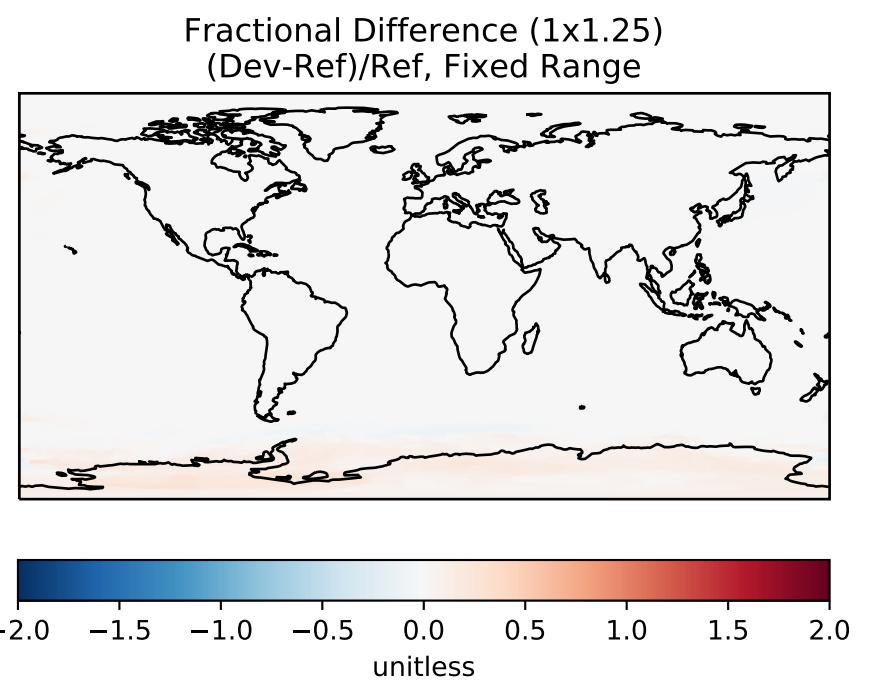
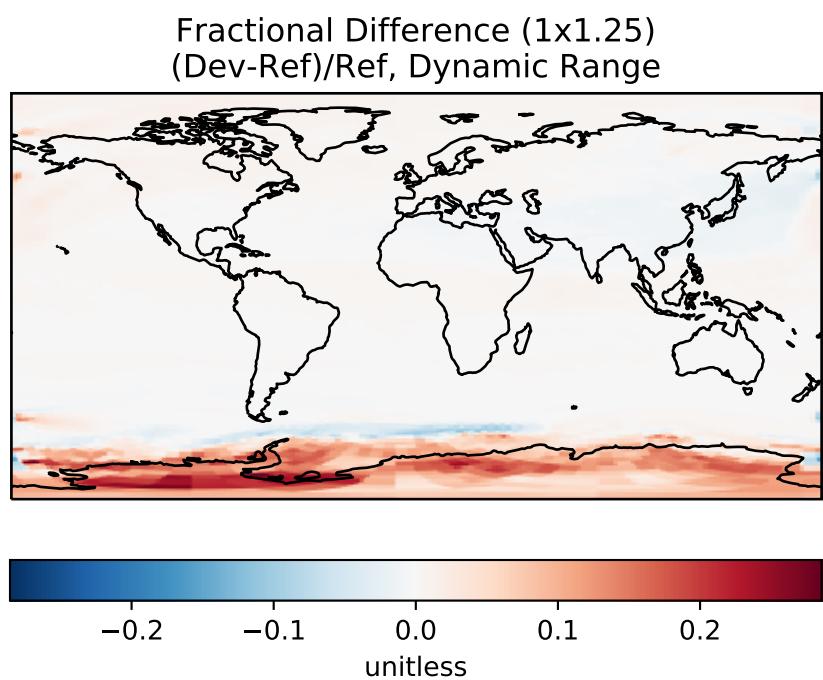
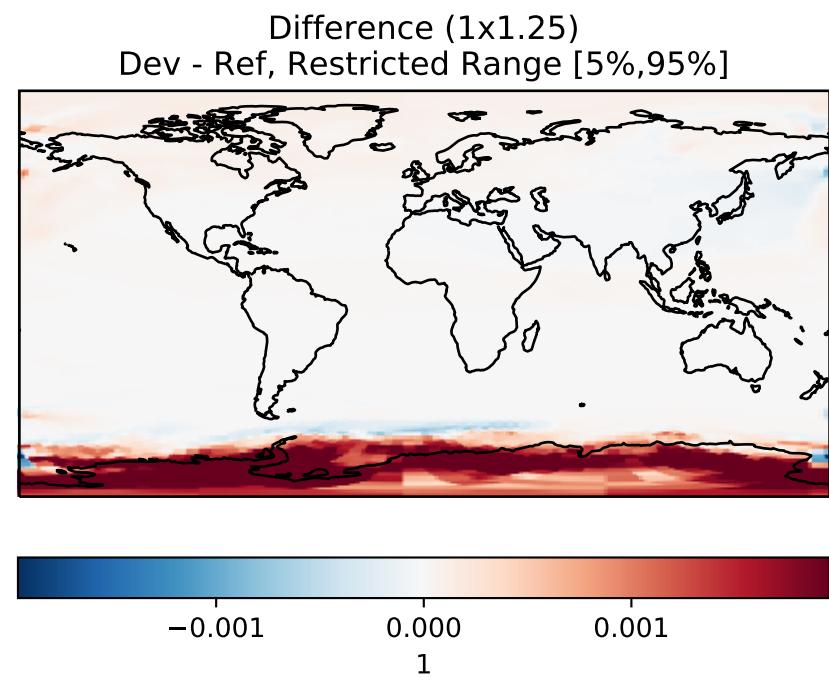
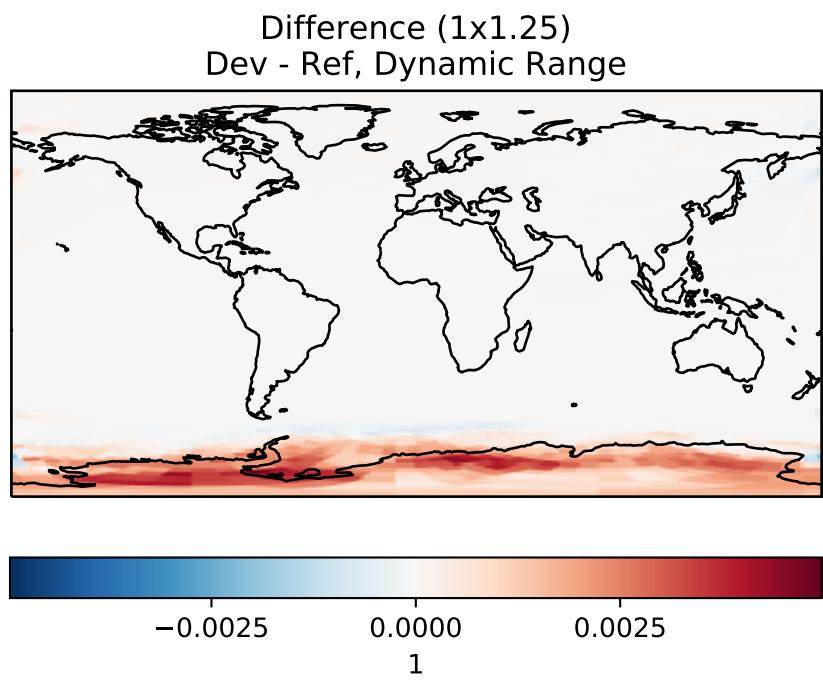
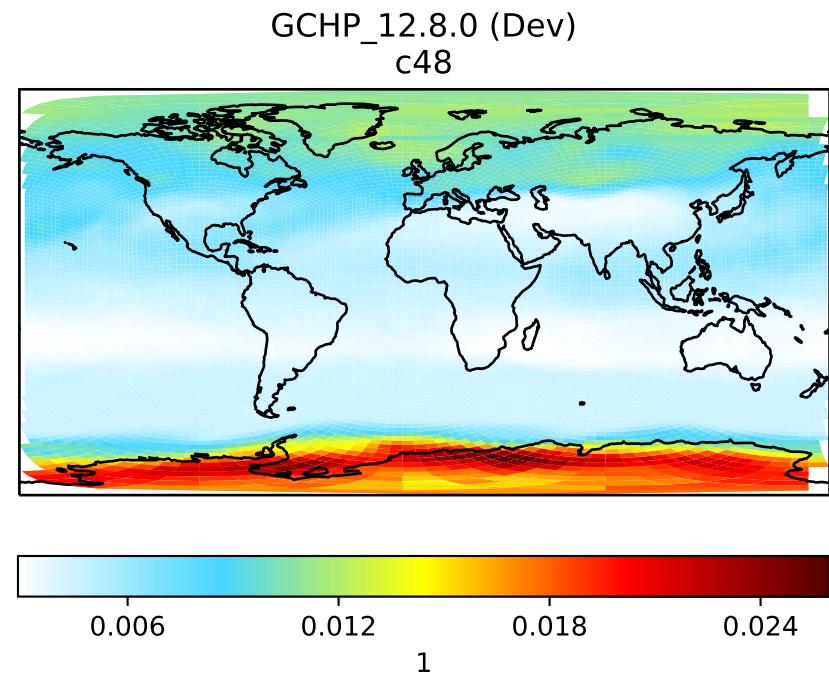
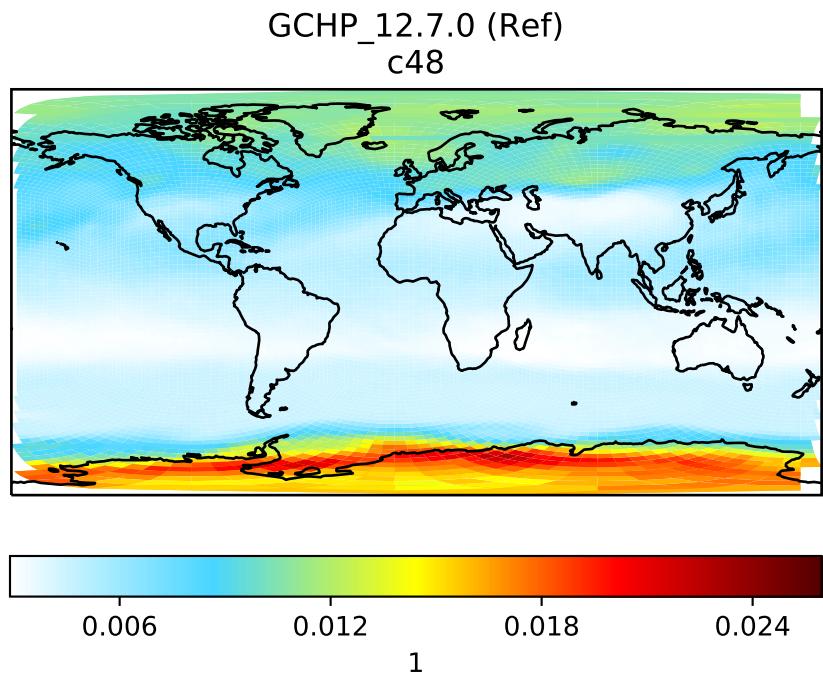
Column_AOD_Polar_Strat_Cloud



Column_AOD_SOA_from_Aqueous_ISOP

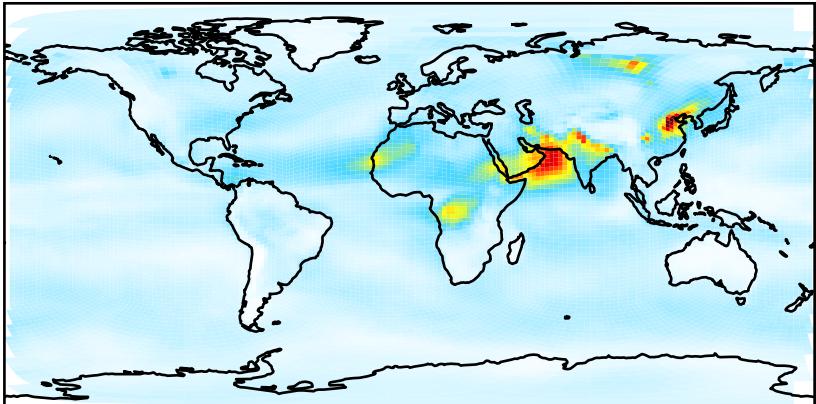


Column_AOD_Strat_Liquid_Aerosol

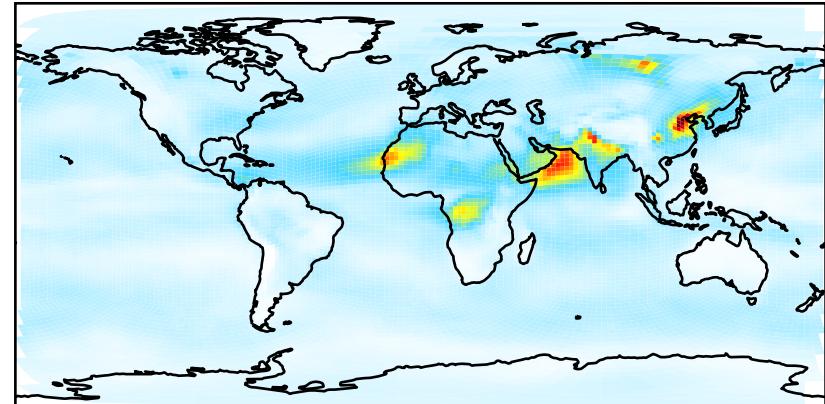


Column_AOD_Total

GCHP_12.7.0 (Ref)
c48



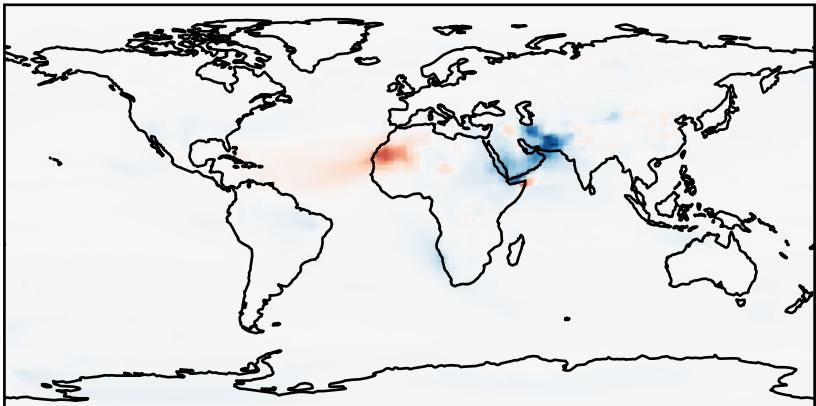
GCHP_12.8.0 (Dev)
c48



0.2 0.4 0.6 0.8 1.0
1

0.2 0.4 0.6 0.8 1.0
1

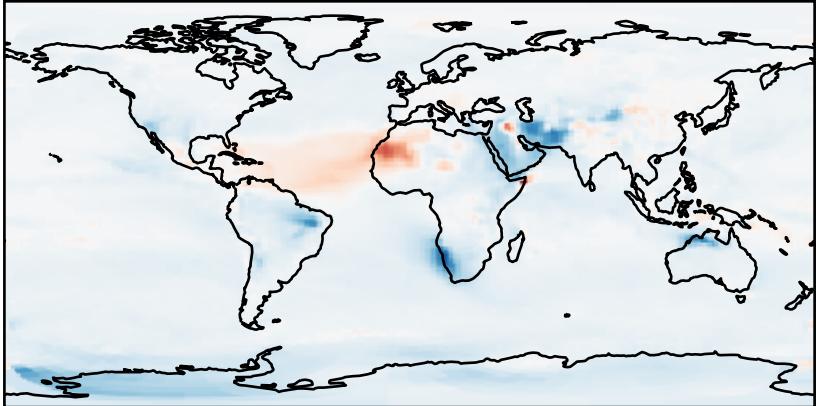
Difference (1x1.25)
Dev - Ref, Dynamic Range



-0.3 -0.2 -0.1 0.0 0.1 0.2 0.3
1

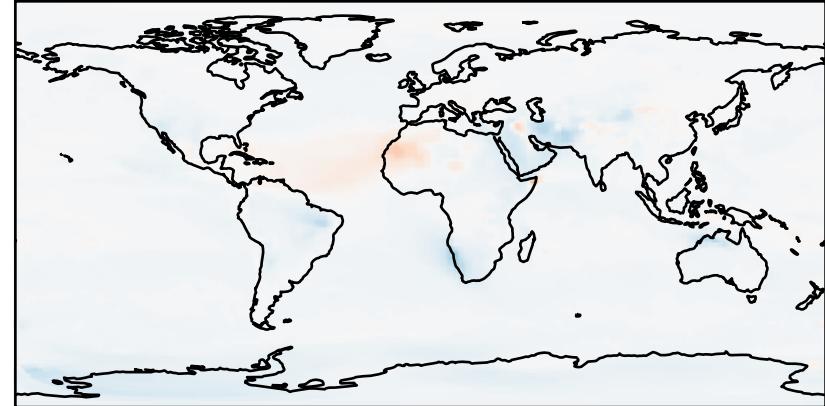
-0.01 0.00 0.01
1

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



-0.8 -0.6 -0.4 -0.2 0.0 0.2 0.4 0.6 0.8
unitless

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



-2.0 -1.5 -1.0 -0.5 0.0 0.5 1.0 1.5 2.0
unitless