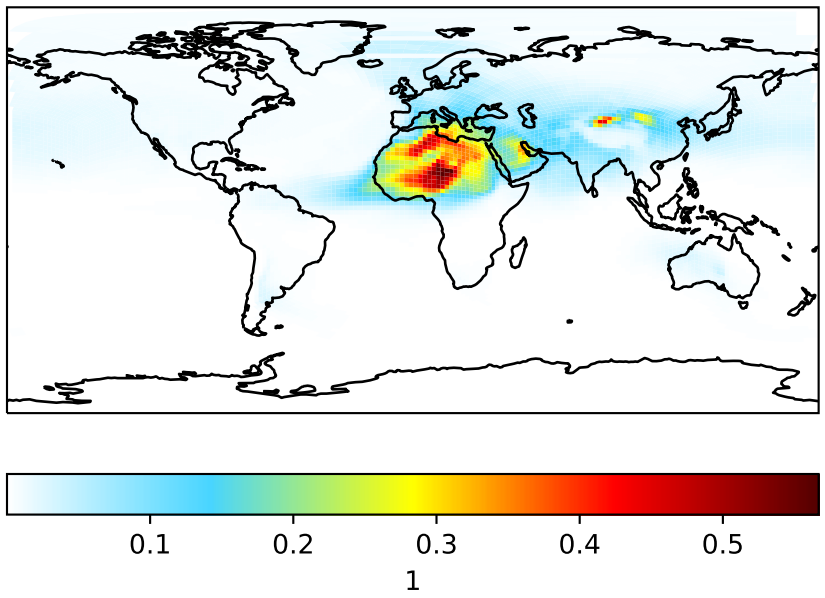
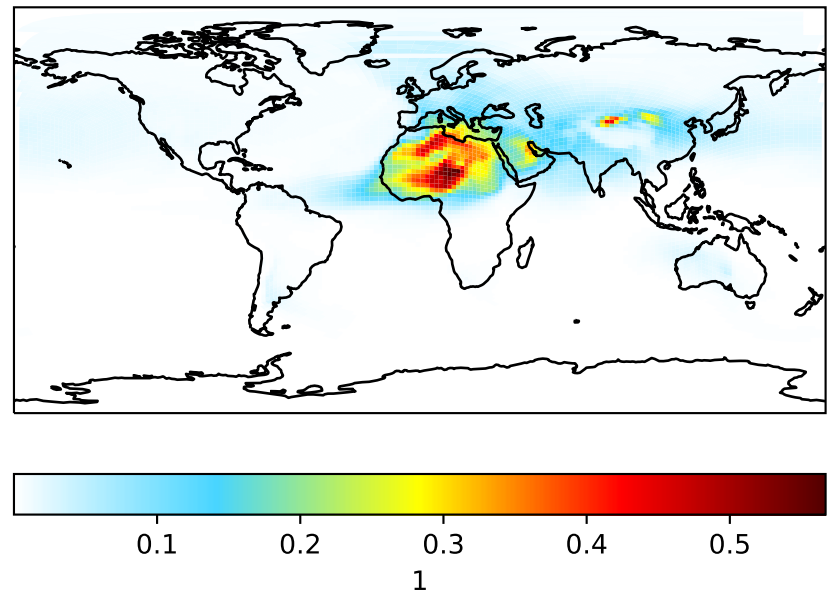
# Column_AOD_Dust (Apr2019)

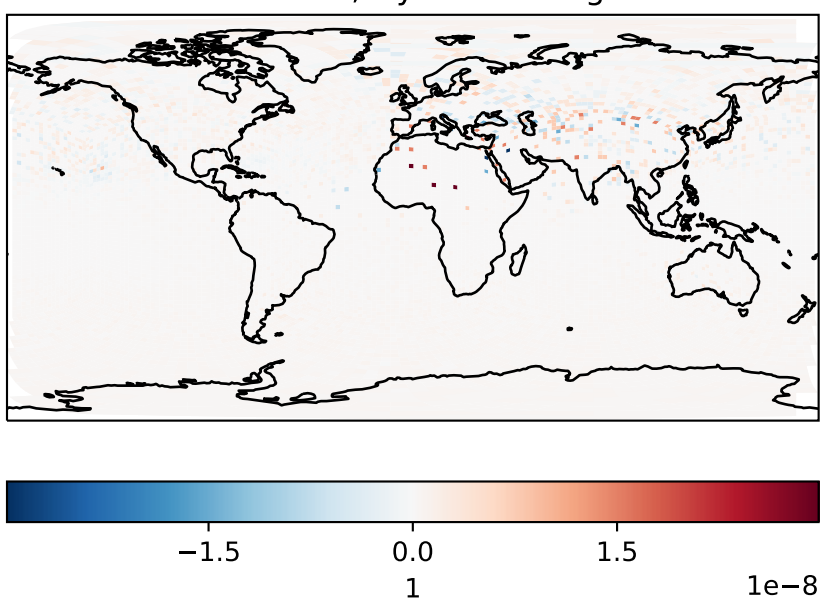
GCHP_13.0.0-beta.1 (Ref)
c48



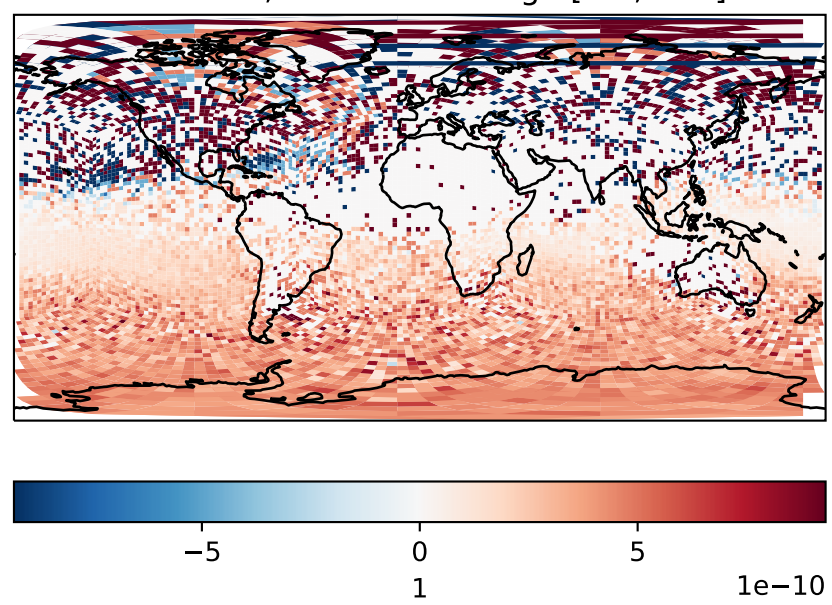

GCHP_13.0.0-rc.0 (Dev)
c48



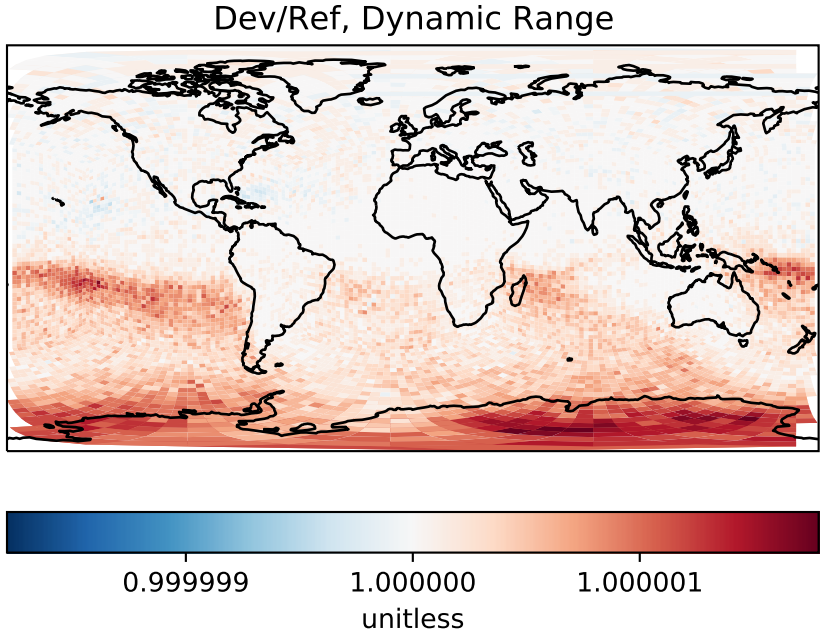

Difference
Dev - Ref, Dynamic Range



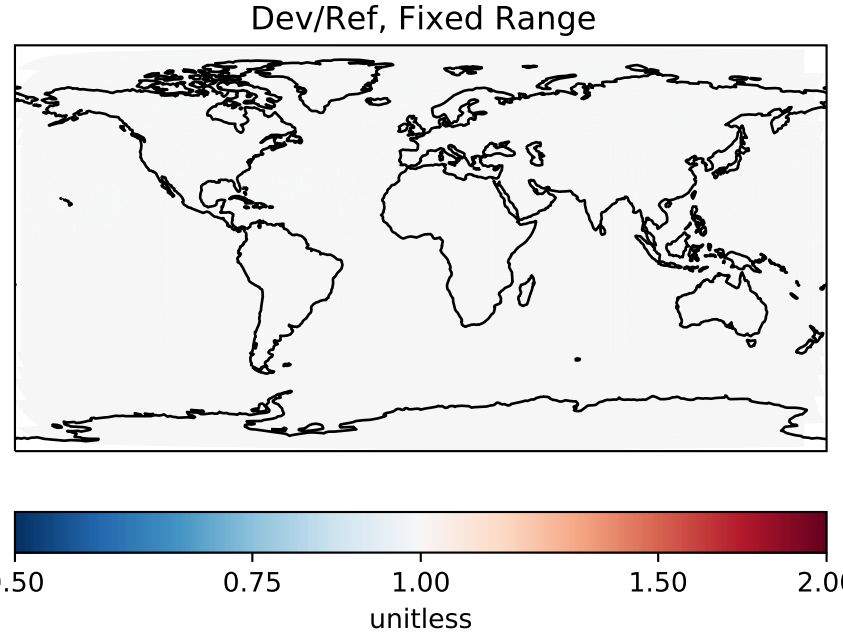

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

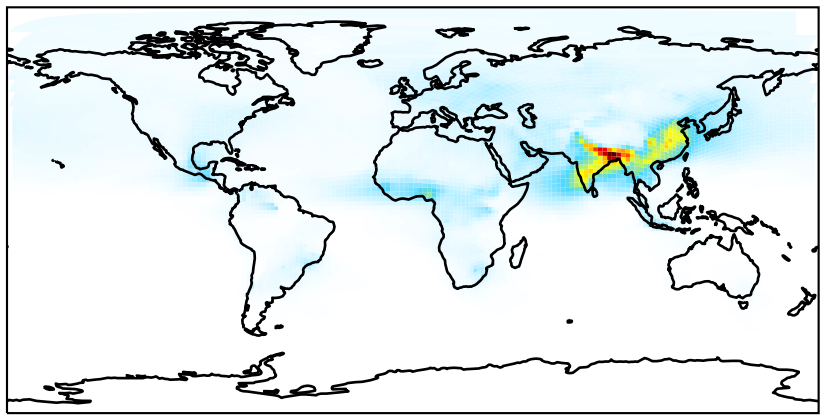



Ratio
Dev/Ref, Fixed Range

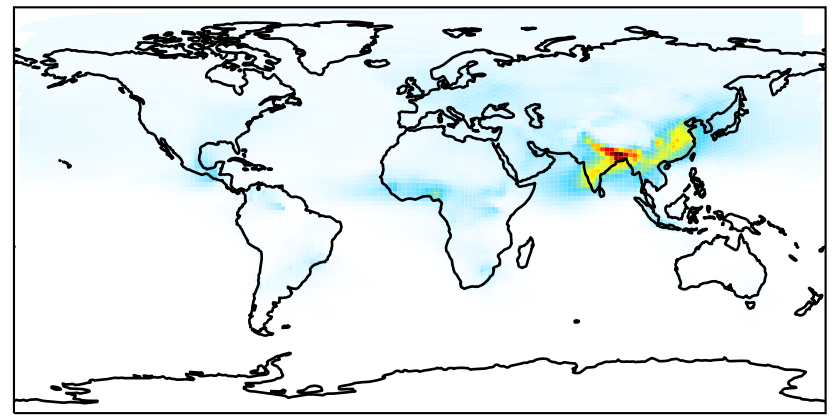


# Column_AOD_BCPI (Apr2019)

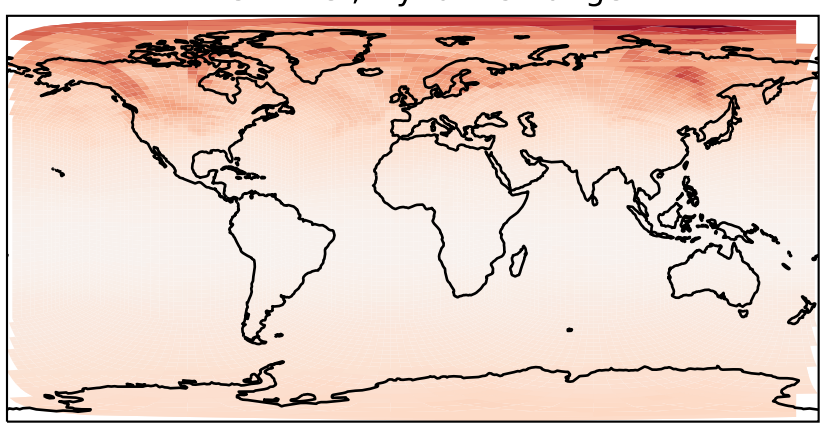
GCHP_13.0.0-beta.1 (Ref)
c48

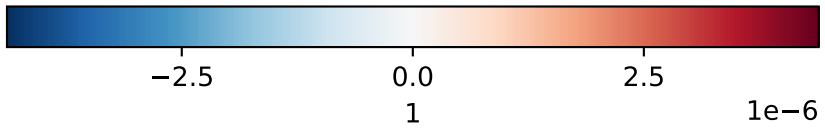


GCHP_13.0.0-rc.0 (Dev)
c48

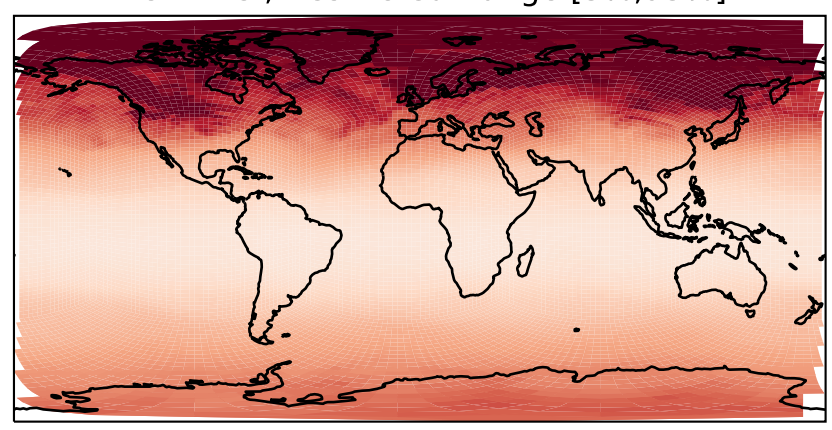


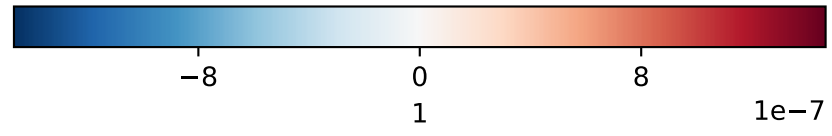
Difference
Dev - Ref, Dynamic Range



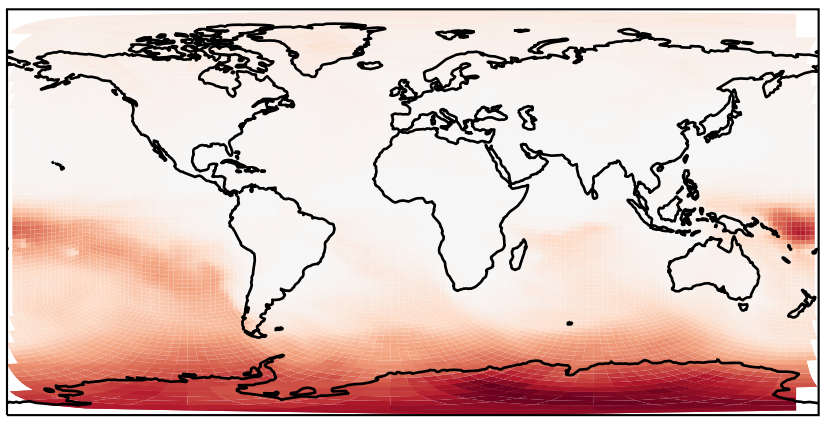


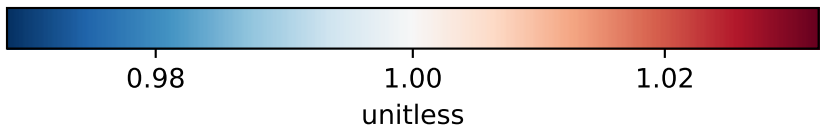

Difference
Dev - Ref, Restricted Range [5%,95%]



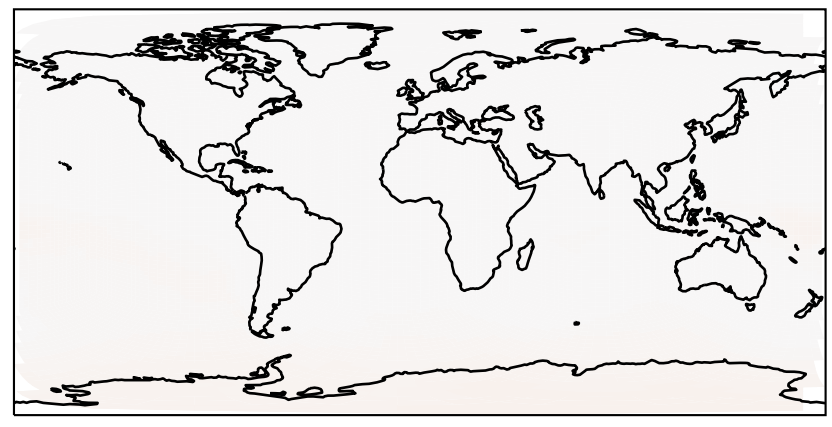


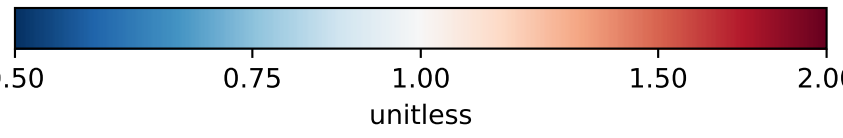

Ratio
Dev/Ref, Dynamic Range





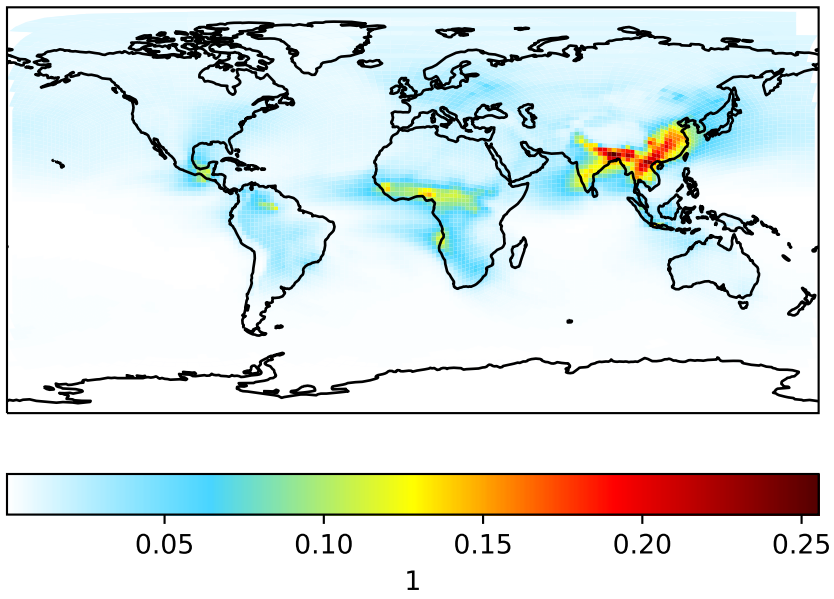

Ratio
Dev/Ref, Fixed Range



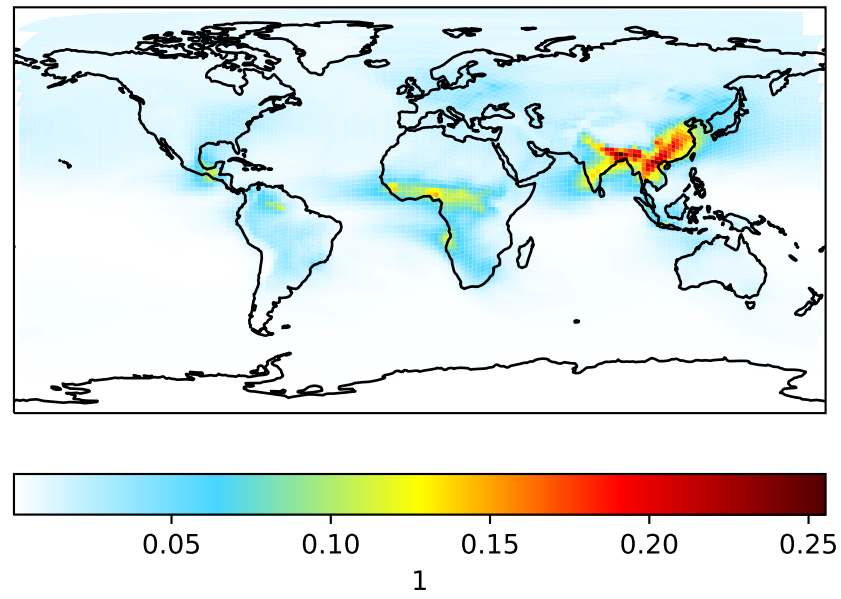


# Column_AOD_OCPI (Apr2019)

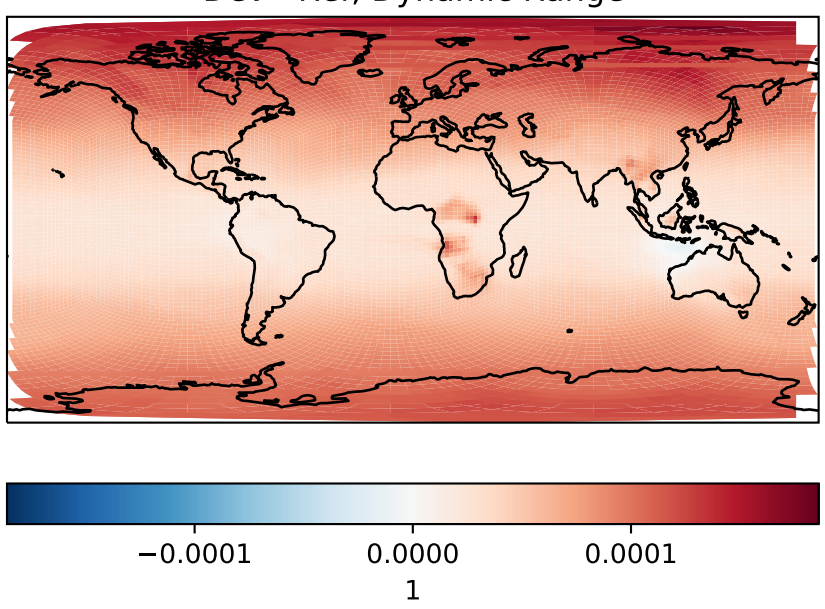
GCHP_13.0.0-beta.1 (Ref)
c48



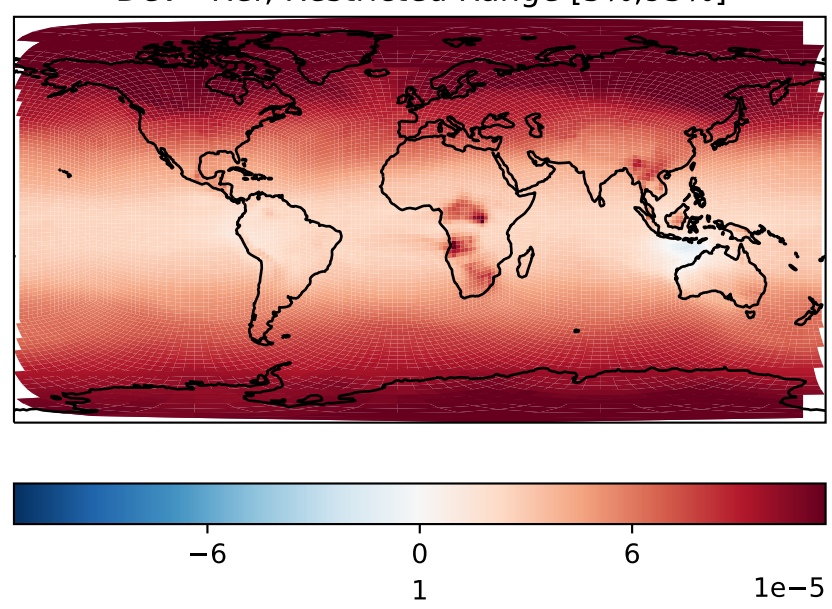

GCHP_13.0.0-rc.0 (Dev)
c48



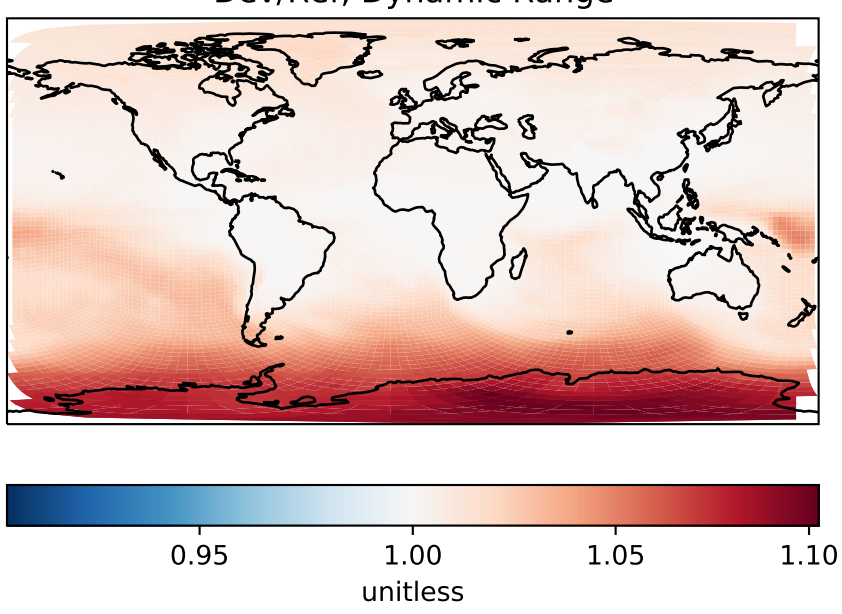

Difference
Dev - Ref, Dynamic Range



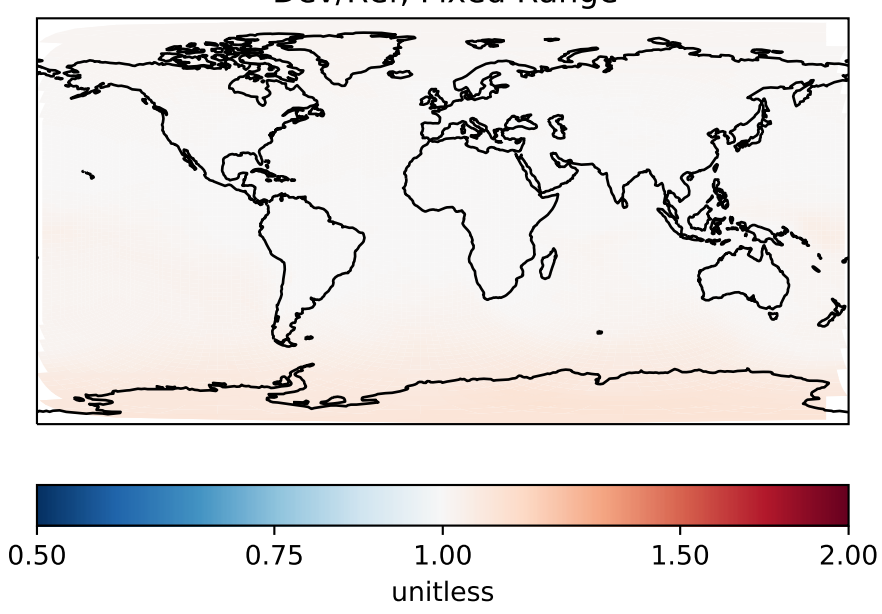

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

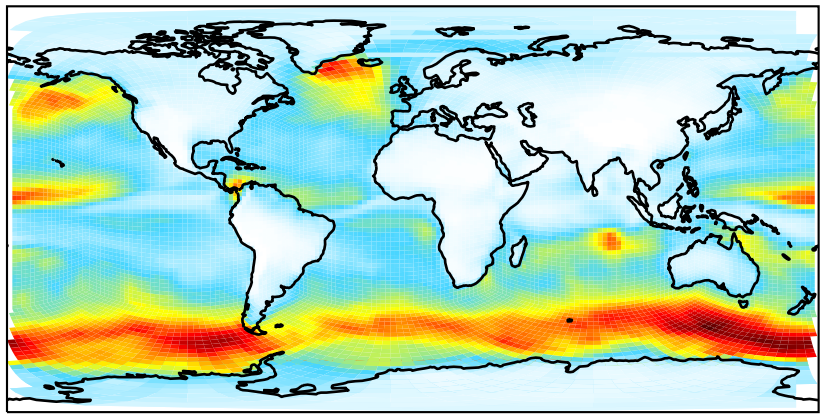


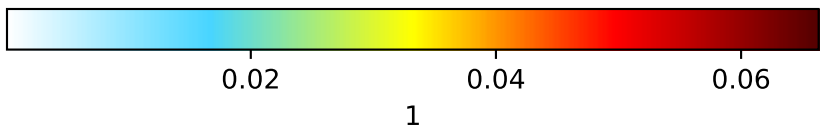

Ratio
Dev/Ref, Fixed Range



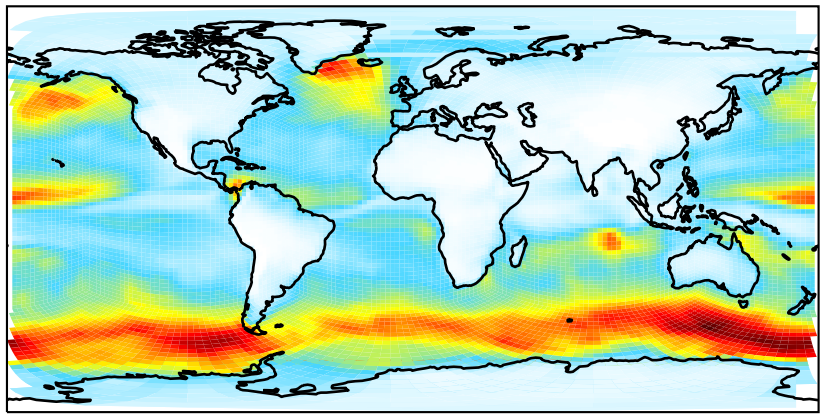
# Column_AOD_SALA (Apr2019)

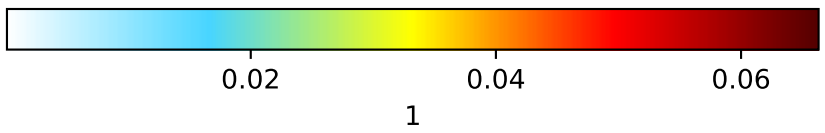
GCHP_13.0.0-beta.1 (Ref)
c48



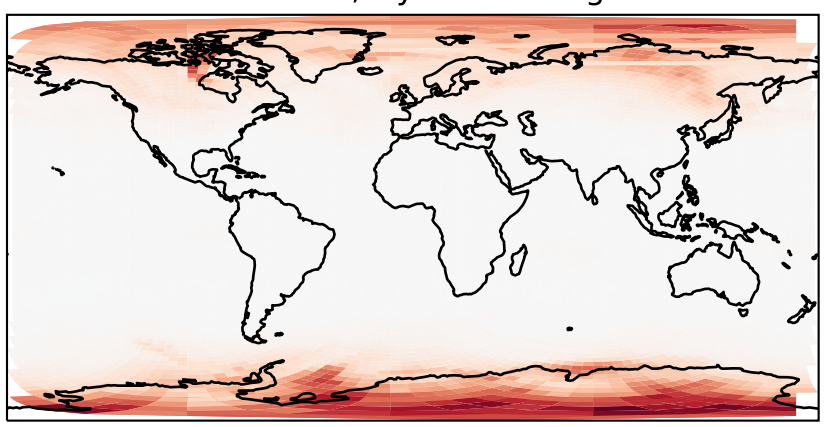


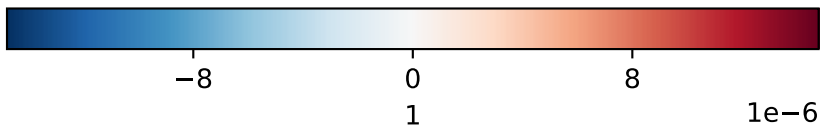

GCHP_13.0.0-rc.0 (Dev)
c48



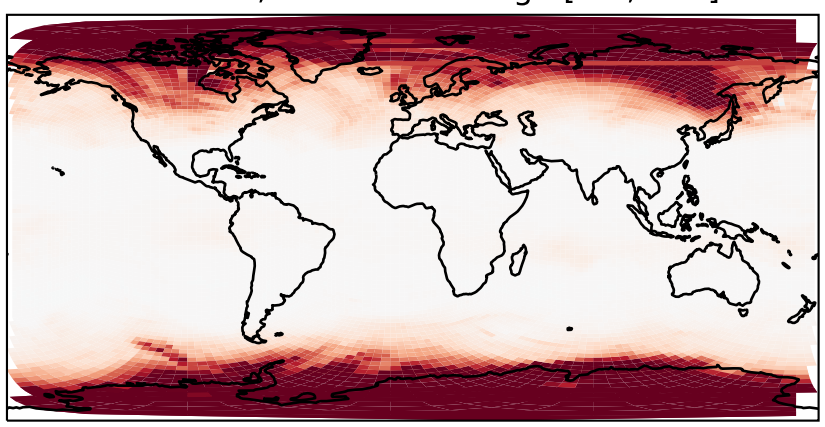


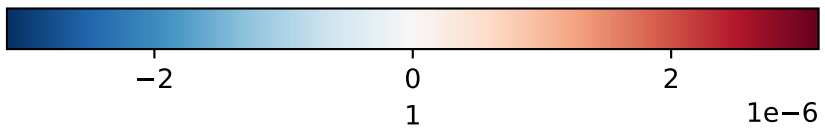

Difference
Dev - Ref, Dynamic Range



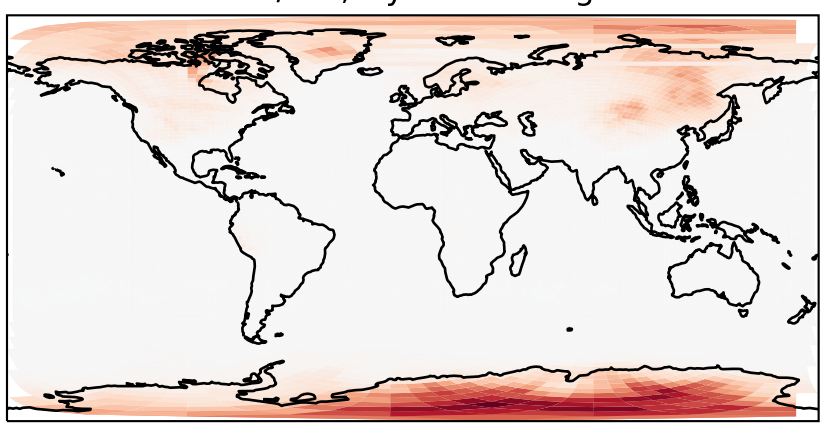



Difference
Dev - Ref, Restricted Range [5%,95%]

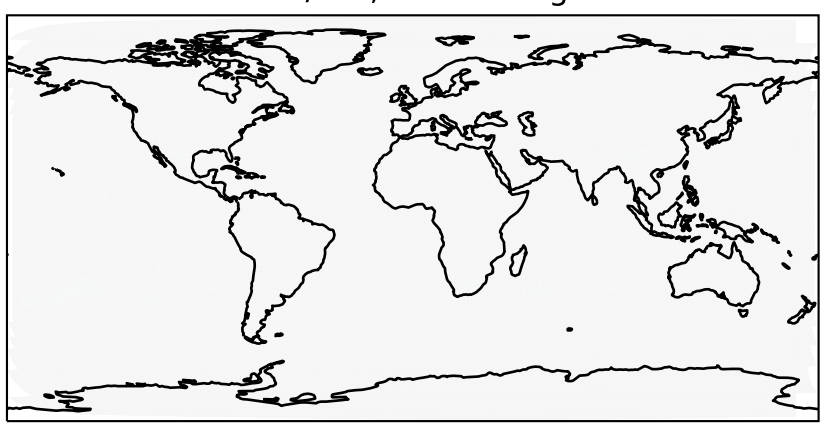


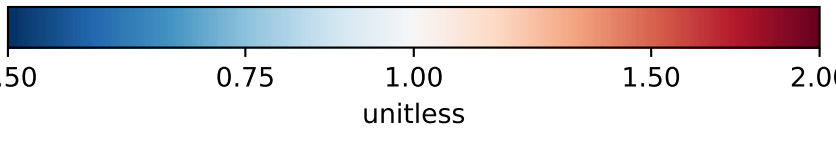



Ratio
Dev/Ref, Dynamic Range



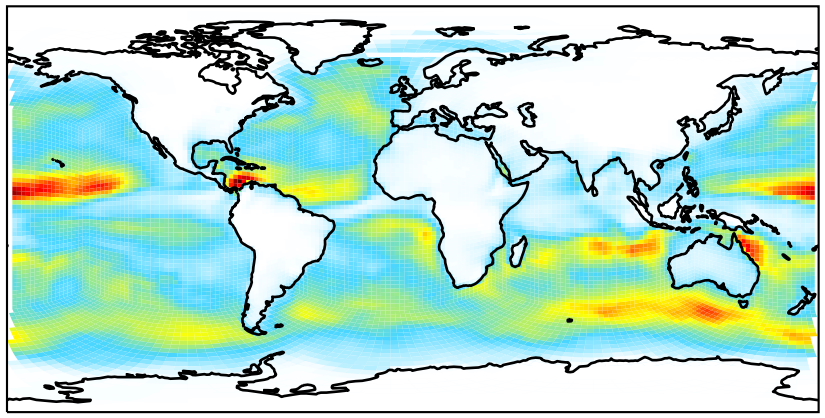
Ratio
Dev/Ref, Fixed Range

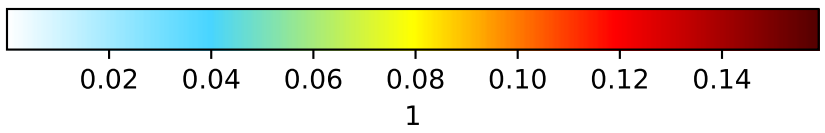




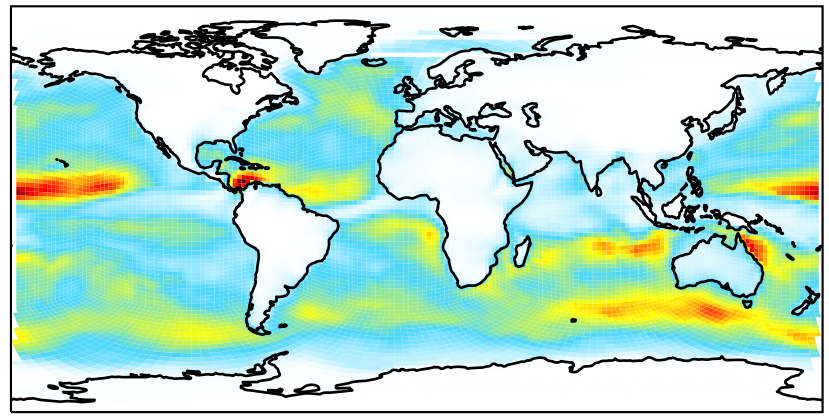
# Column_AOD_SALC (Apr2019)

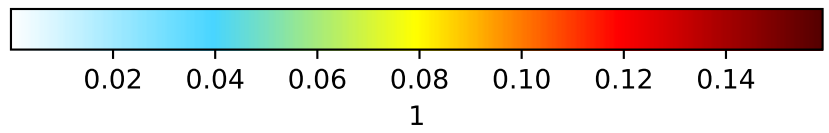
GCHP_13.0.0-beta.1 (Ref)
c48



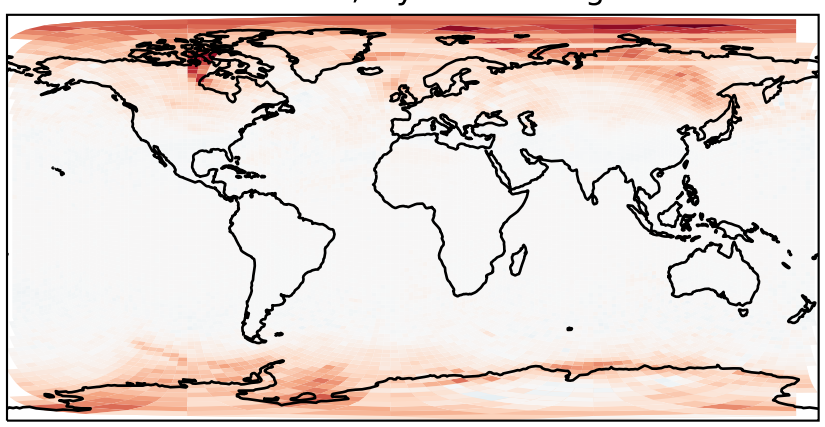


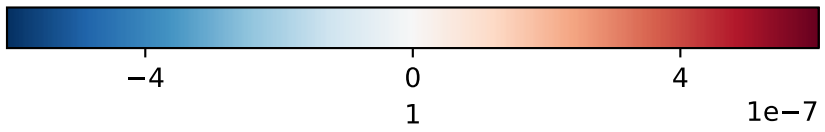

GCHP_13.0.0-rc.0 (Dev)
c48



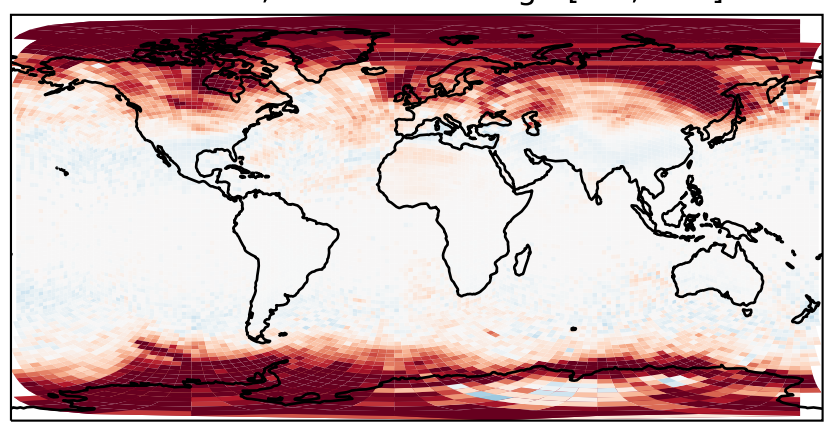


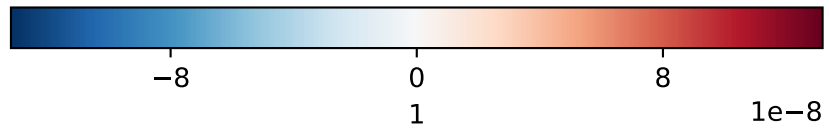

Difference
Dev - Ref, Dynamic Range



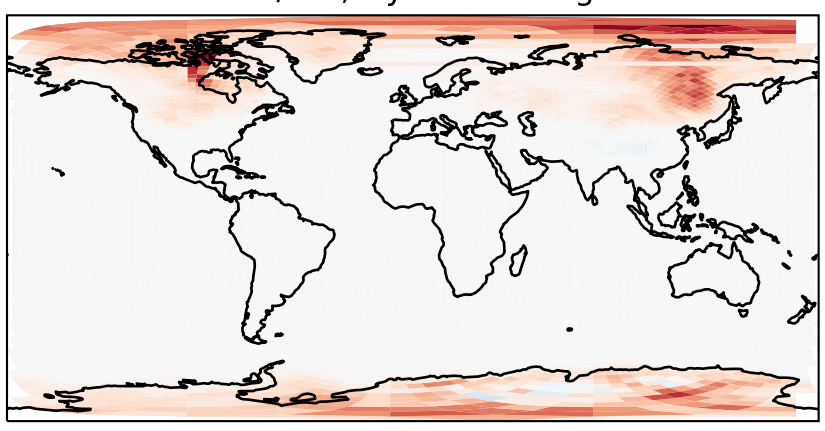


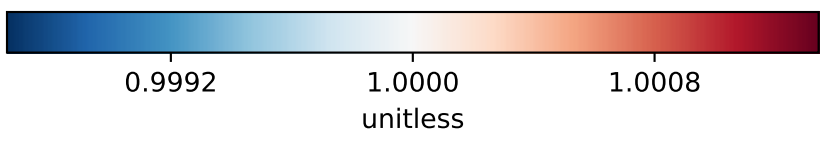

Difference
Dev - Ref, Restricted Range [5%,95%]



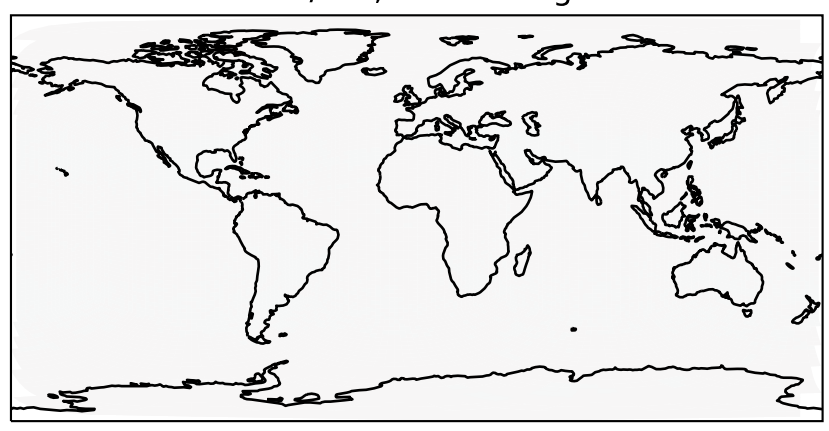


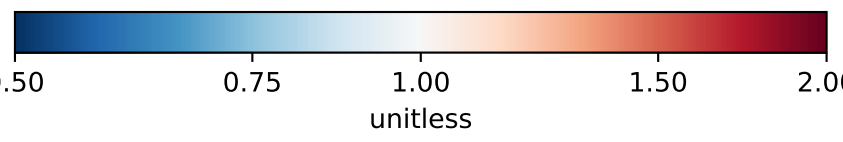

Ratio
Dev/Ref, Dynamic Range





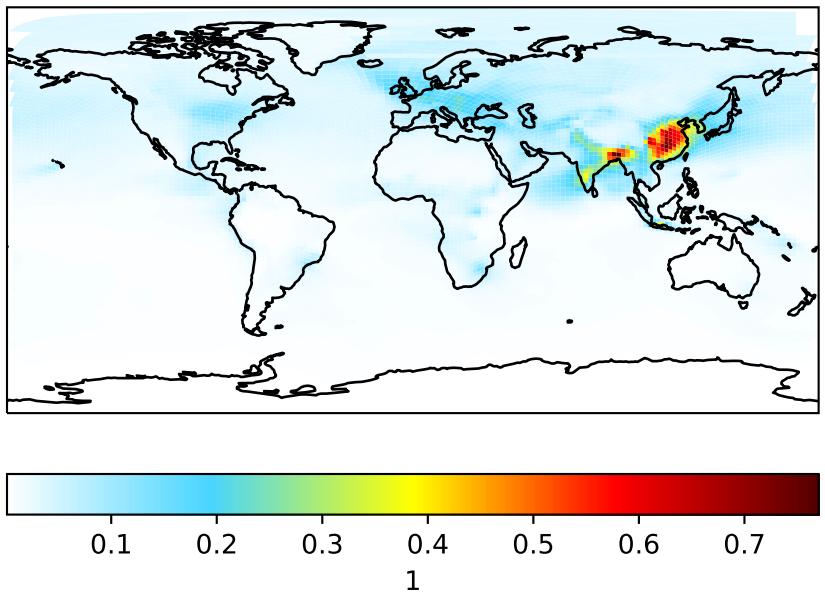

Ratio
Dev/Ref, Fixed Range



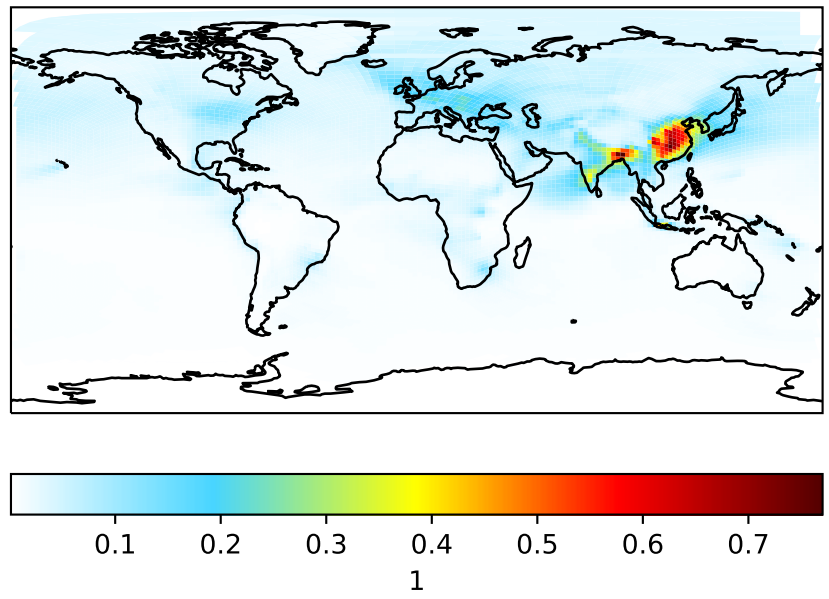


# Column_AOD_SO4 (Apr2019)

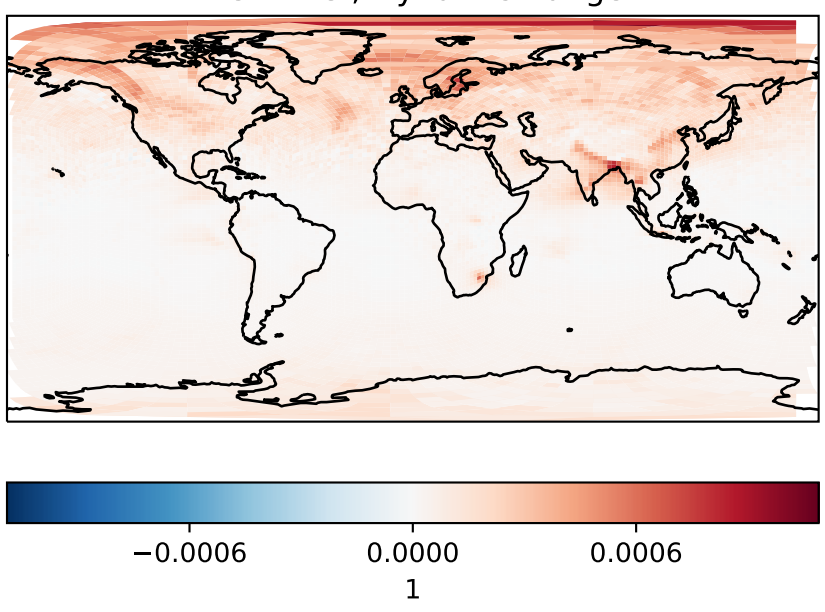
GCHP_13.0.0-beta.1 (Ref)
c48



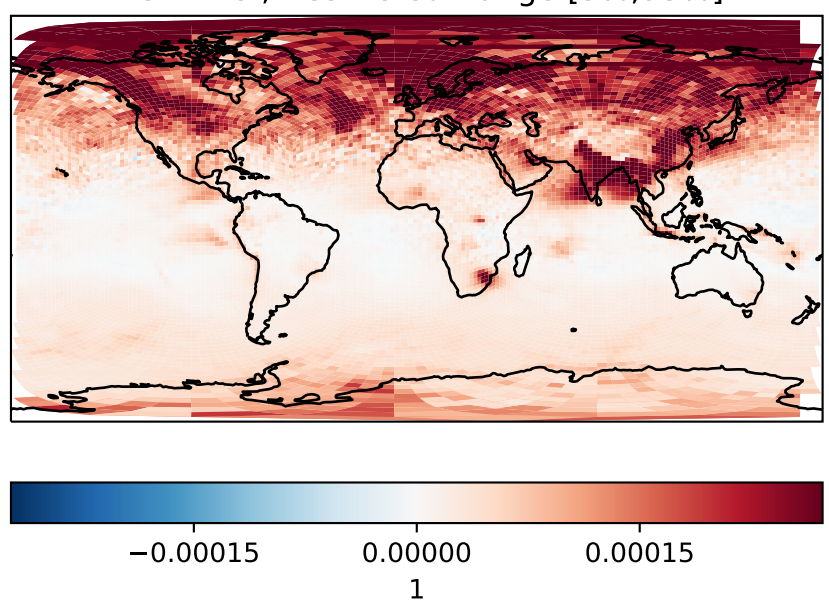

GCHP_13.0.0-rc.0 (Dev)
c48



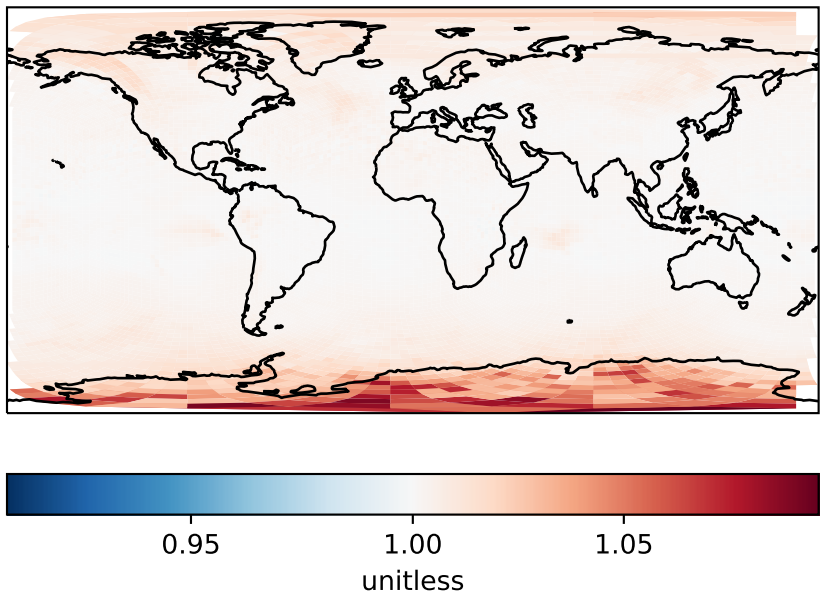

Difference
Dev - Ref, Dynamic Range



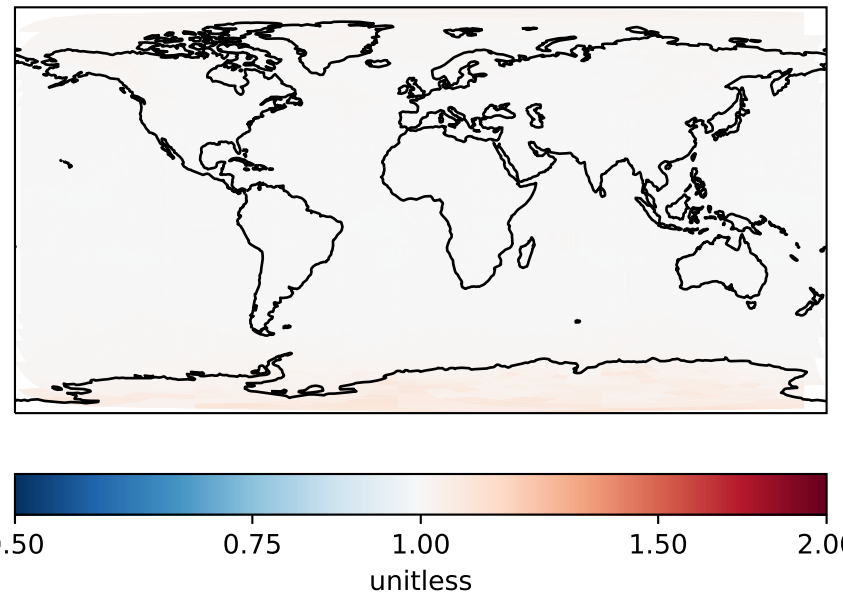

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

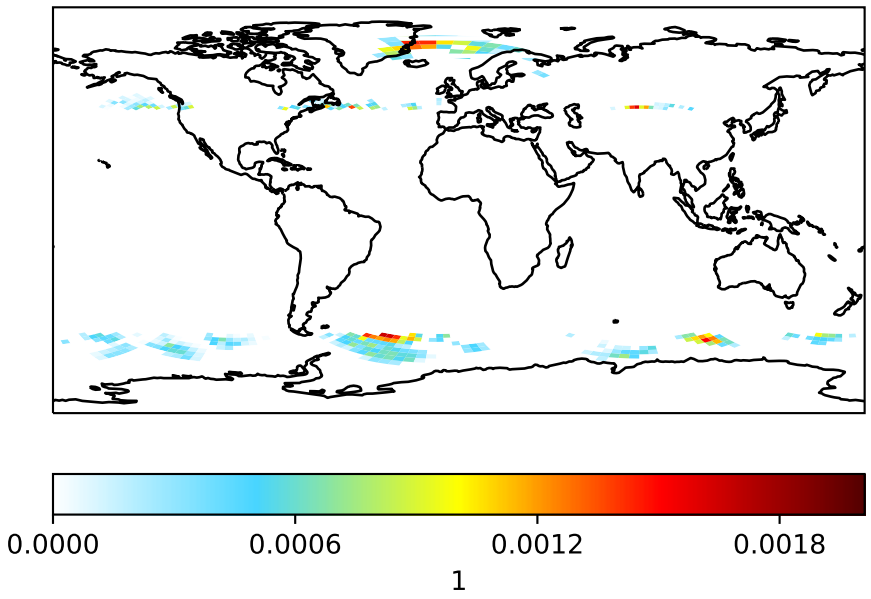



Ratio
Dev/Ref, Fixed Range

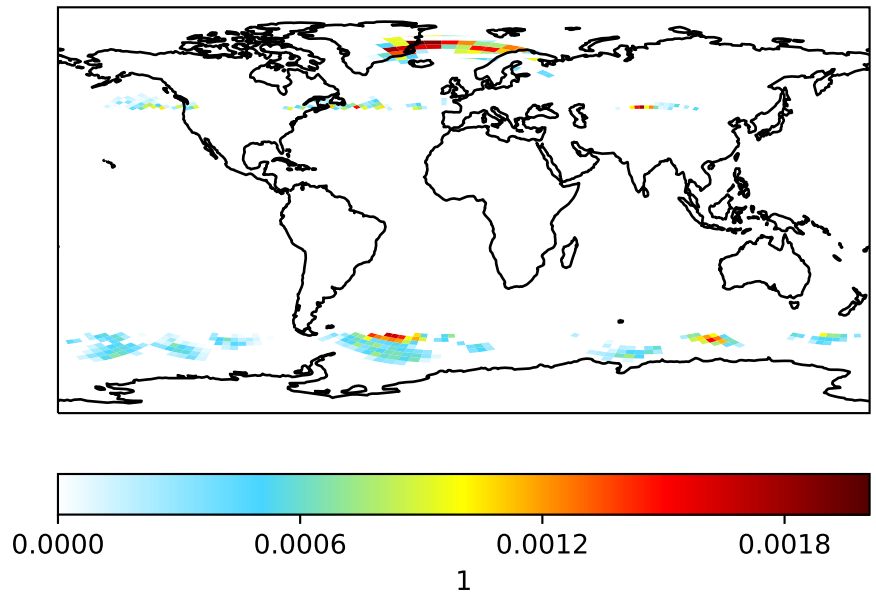


# Column_AOD_Polar_Strat_Cloud (Apr2019)

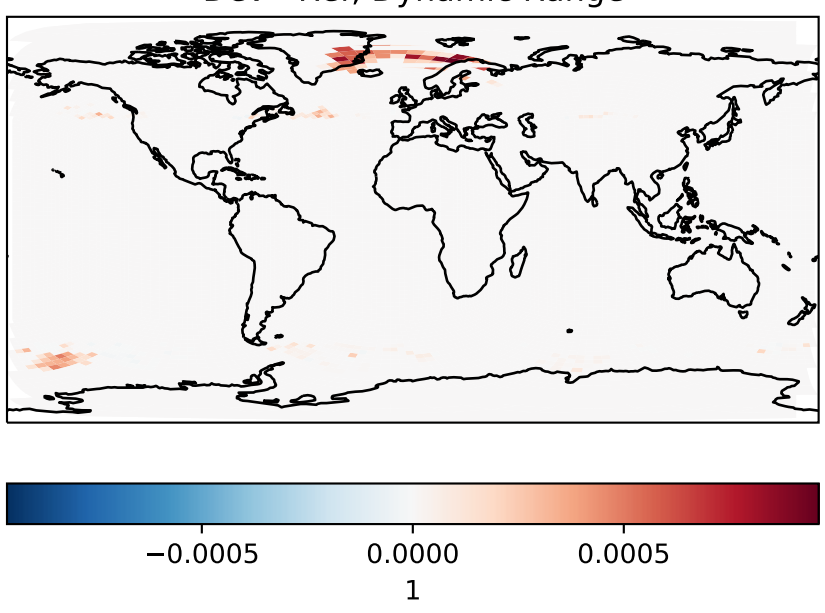
GCHP_13.0.0-beta.1 (Ref)
c48



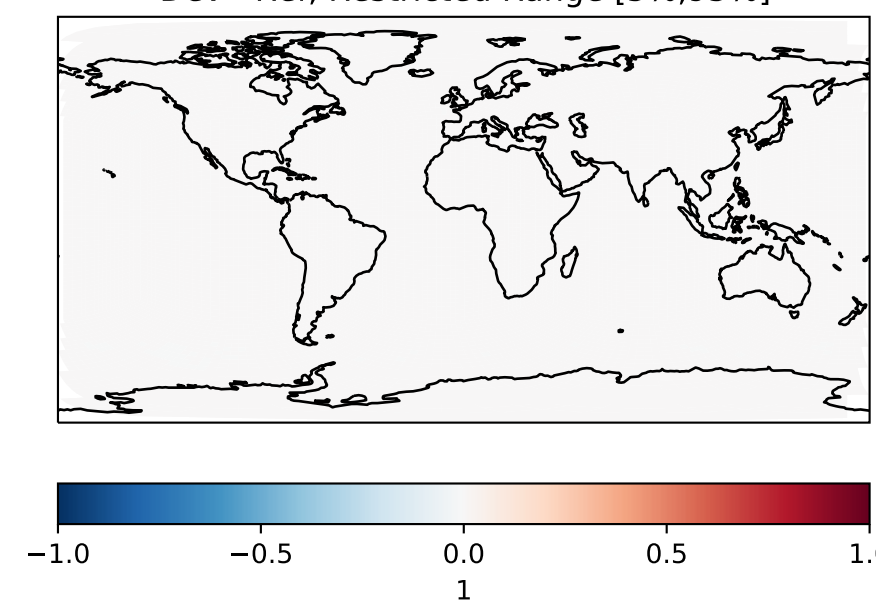

GCHP_13.0.0-rc.0 (Dev)
c48



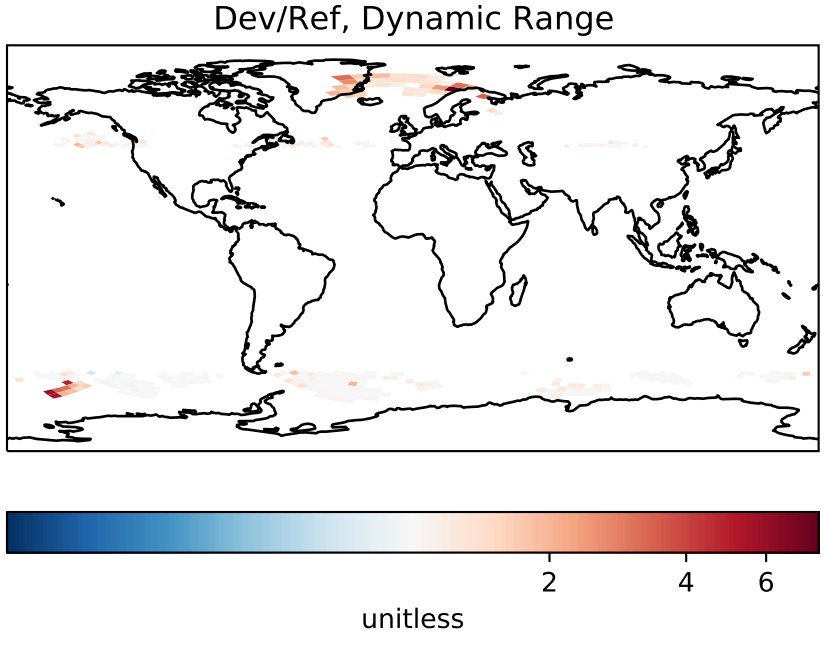

Difference
Dev - Ref, Dynamic Range



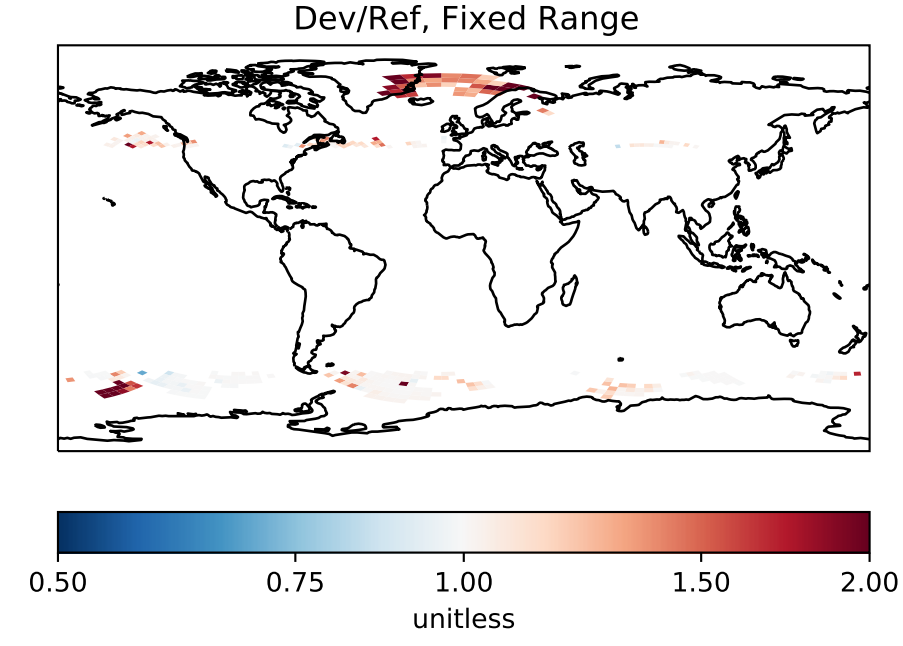

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

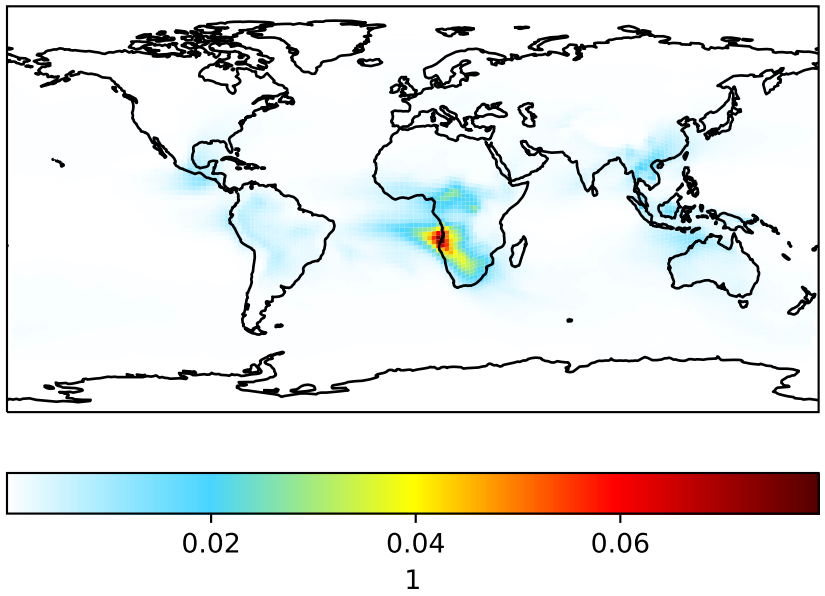



Ratio
Dev/Ref, Fixed Range

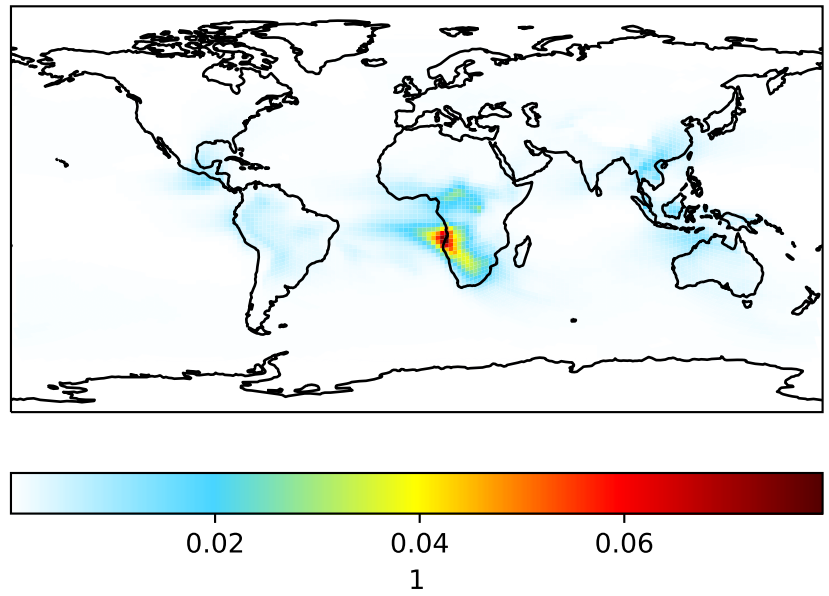


# Column_AOD_SOA_from_Aqueous_ISOP (Apr2019)

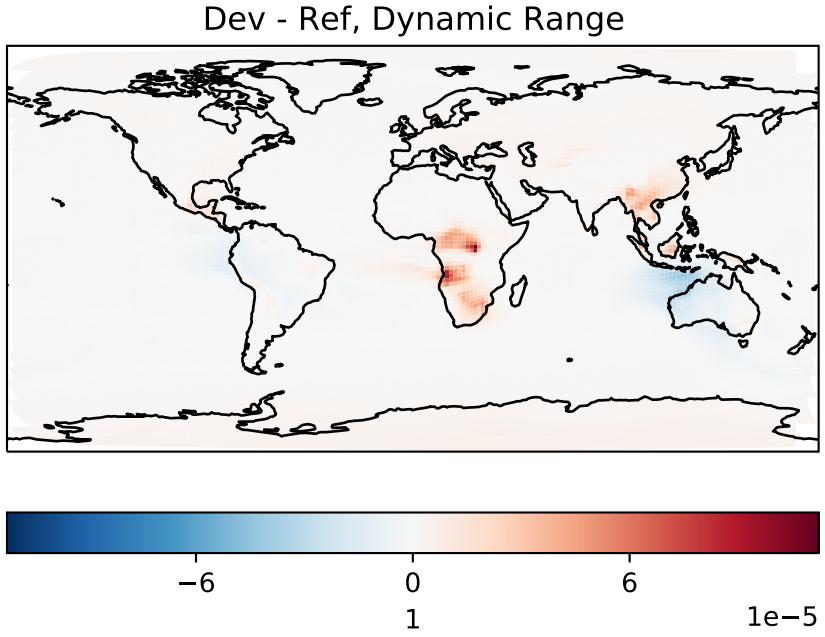
GCHP_13.0.0-beta.1 (Ref)
c48



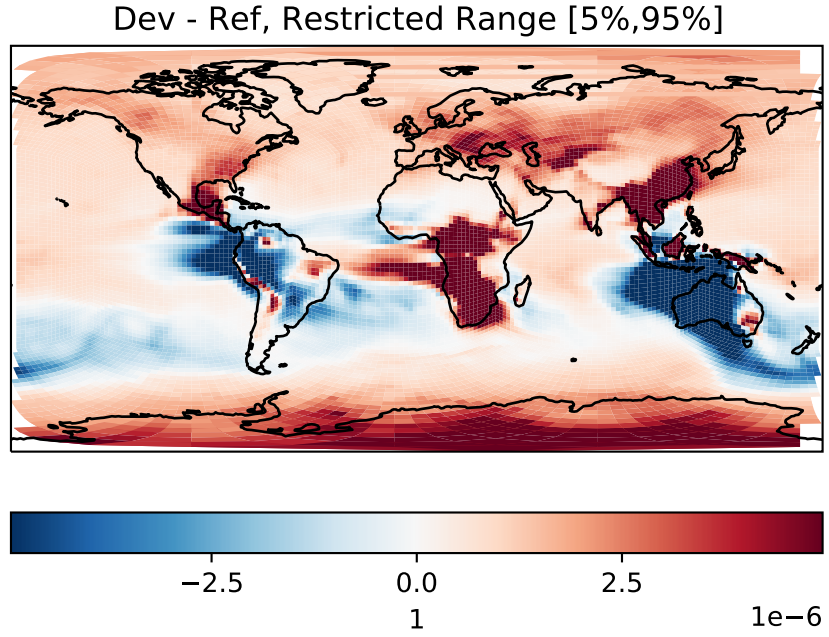

GCHP_13.0.0-rc.0 (Dev)
c48



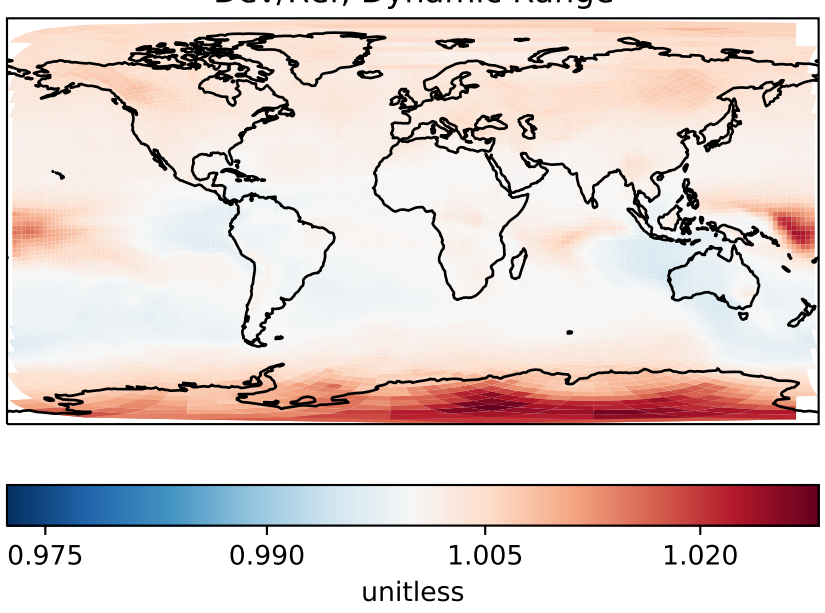

Difference
Dev - Ref, Dynamic Range



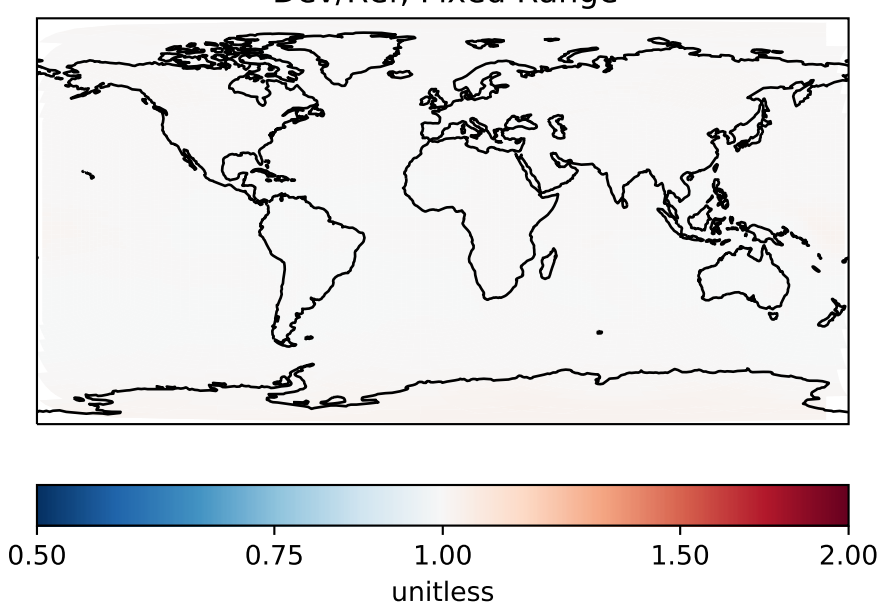

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

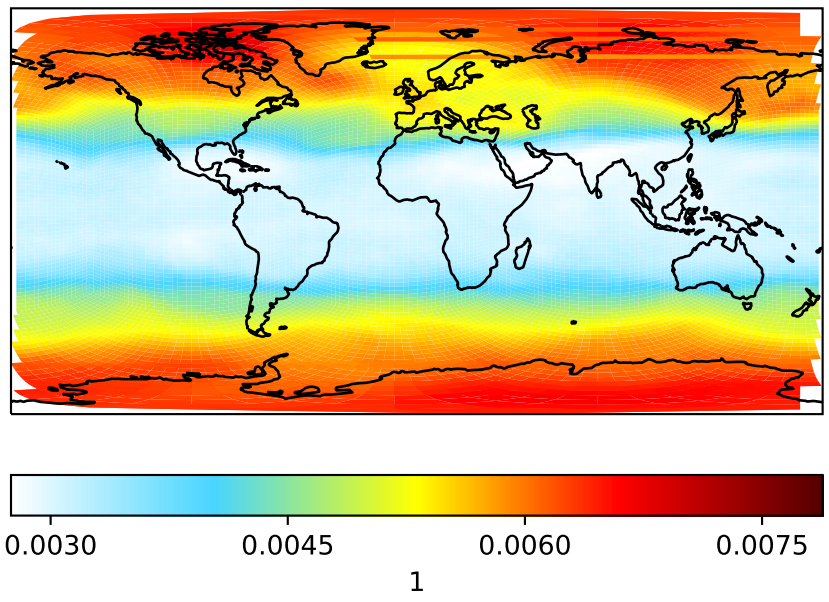



Ratio
Dev/Ref, Fixed Range

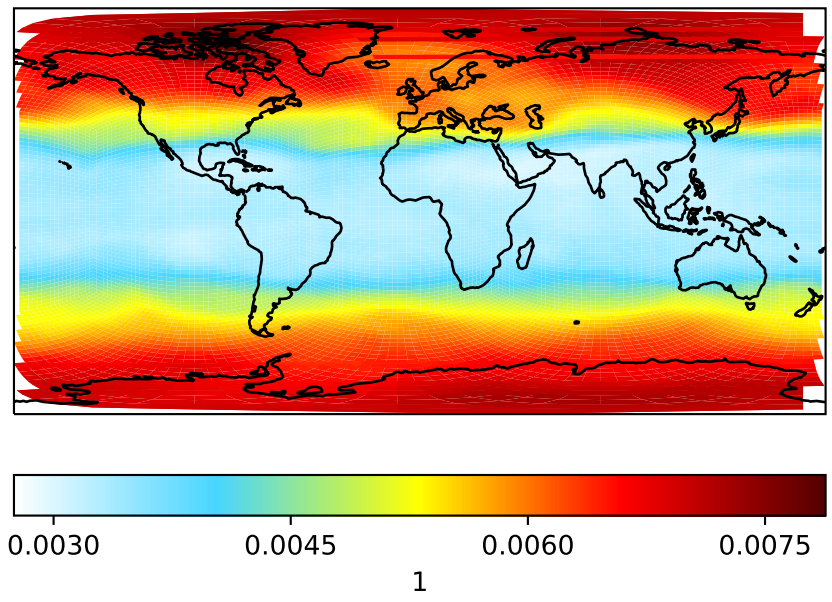


# Column_AOD_Strat_Liquid_Aerosol (Apr2019)

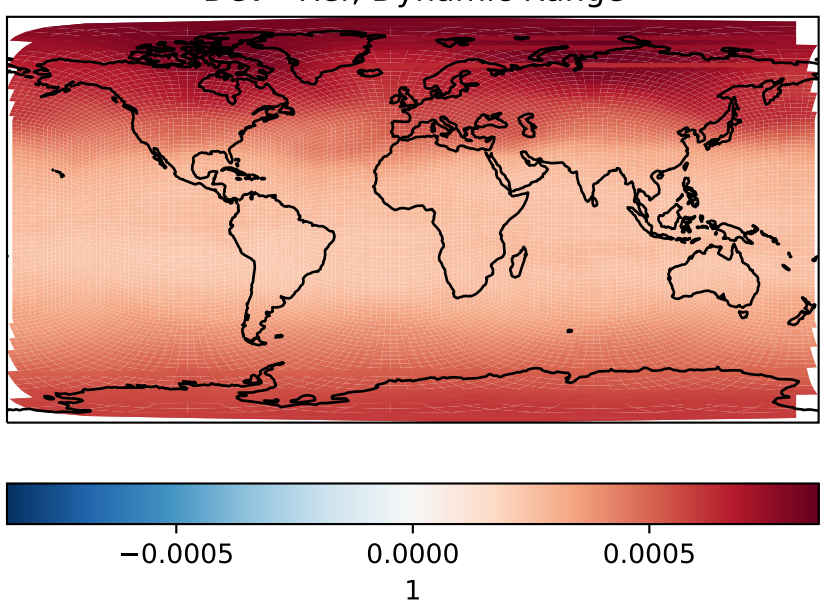
GCHP_13.0.0-beta.1 (Ref)
c48



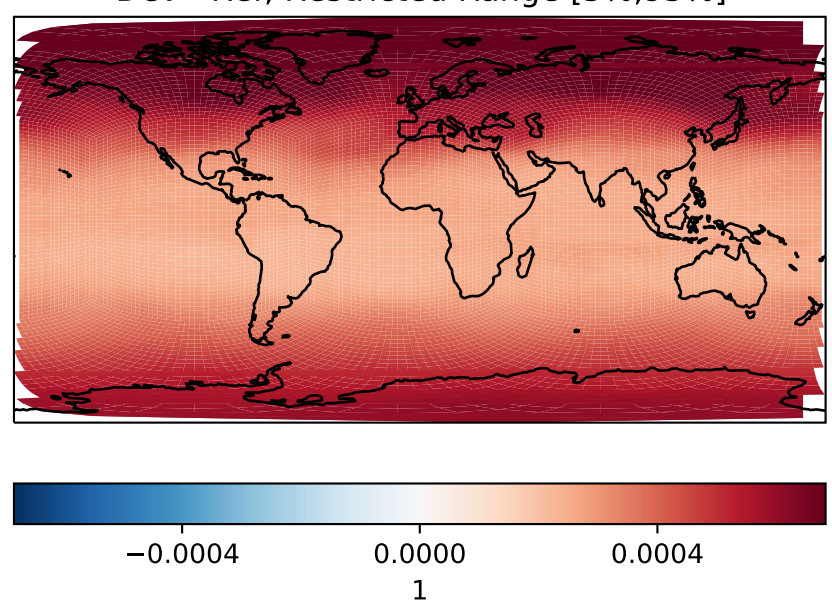

GCHP_13.0.0-rc.0 (Dev)
c48



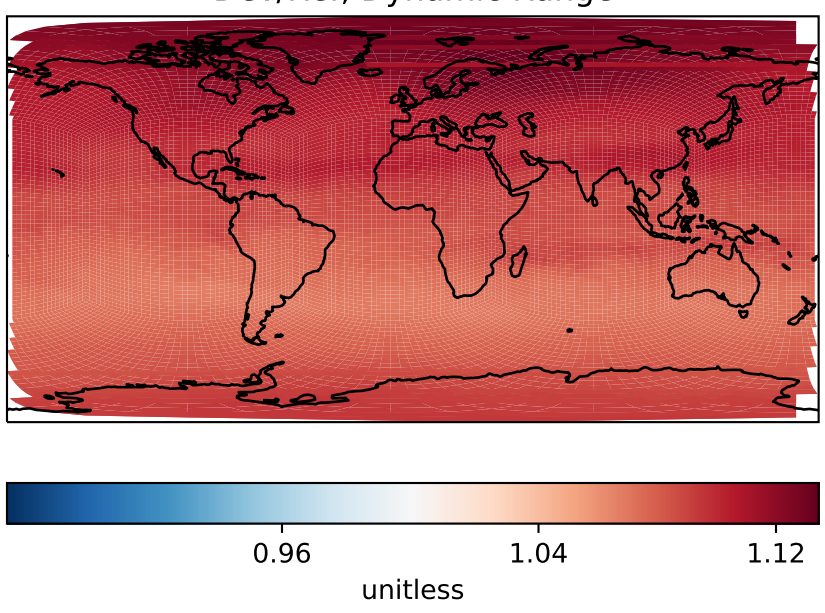

Difference
Dev - Ref, Dynamic Range



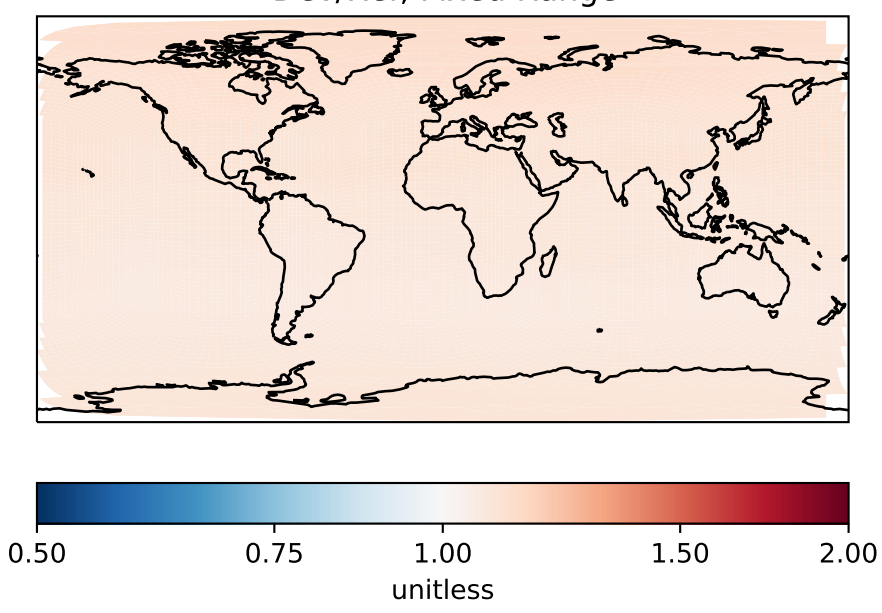

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

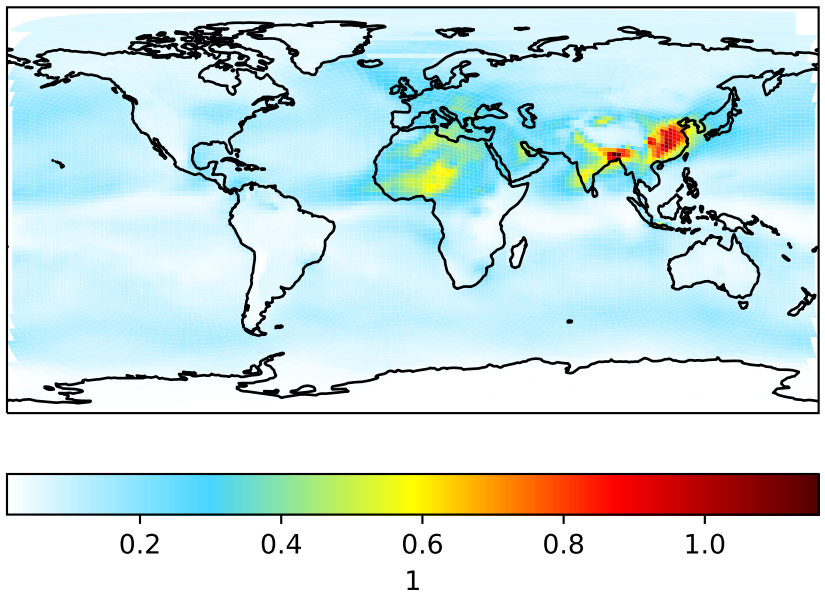



Ratio
Dev/Ref, Fixed Range

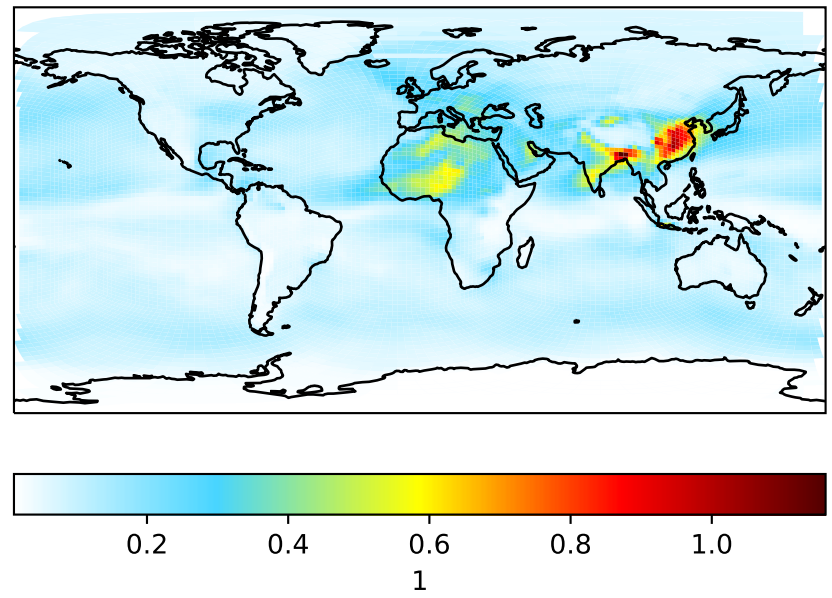


# Column_AOD_Total (Apr2019)

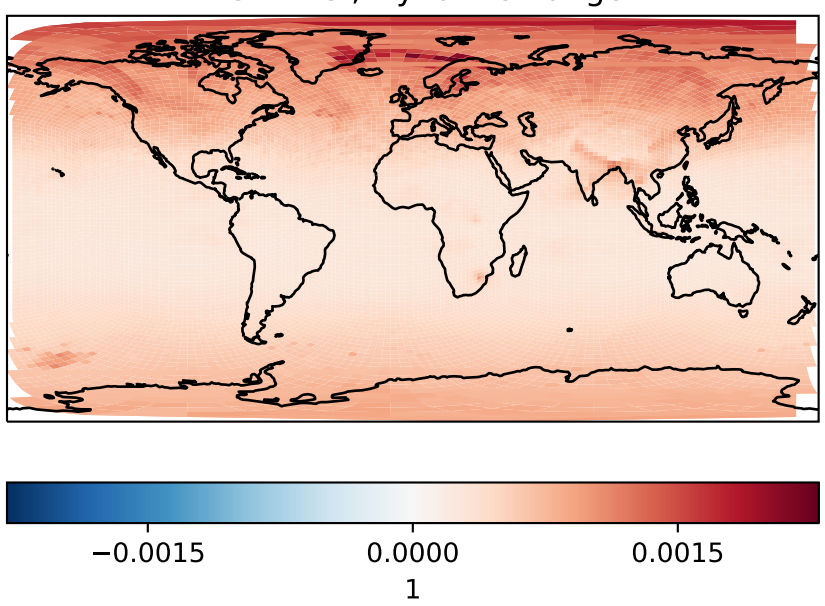
GCHP_13.0.0-beta.1 (Ref)
c48



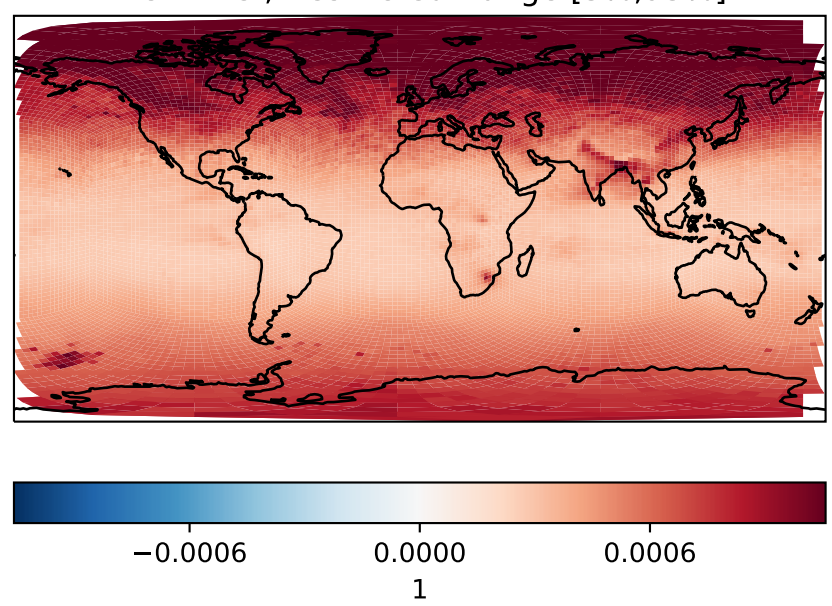

GCHP_13.0.0-rc.0 (Dev)
c48



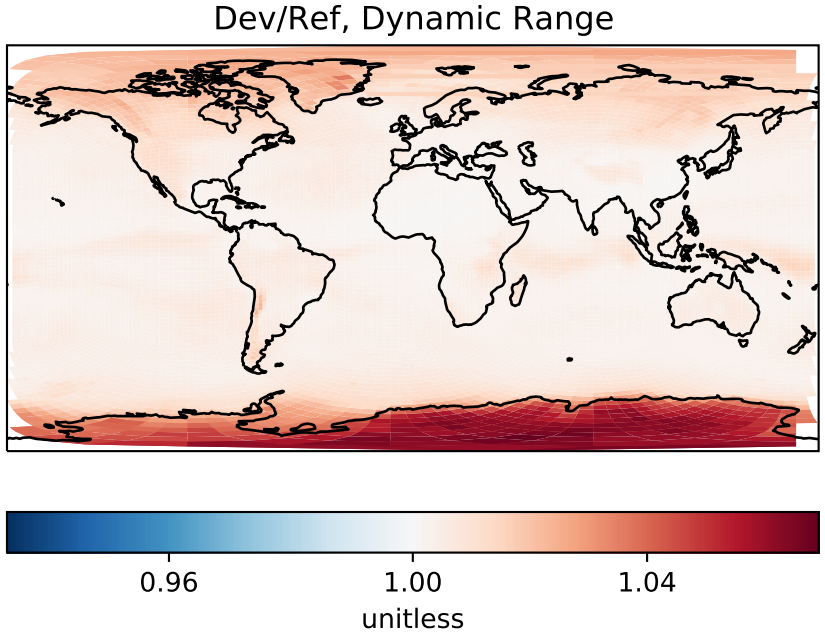

Difference
Dev - Ref, Dynamic Range

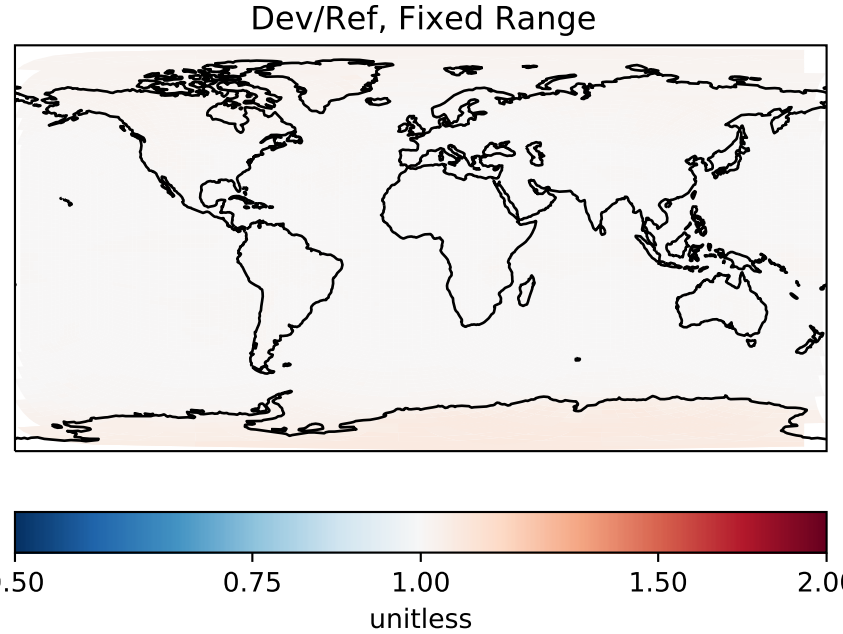



Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range




Ratio
Dev/Ref, Fixed Range