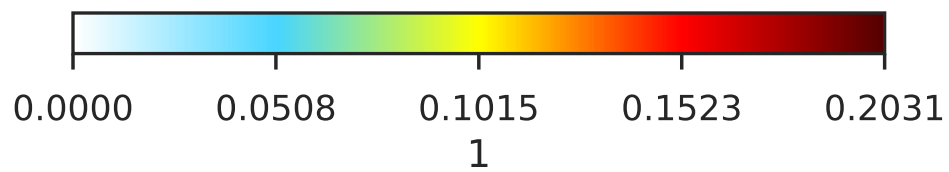
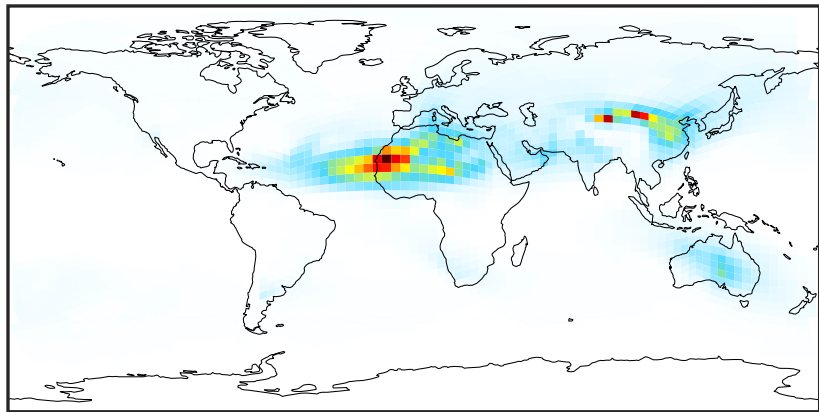
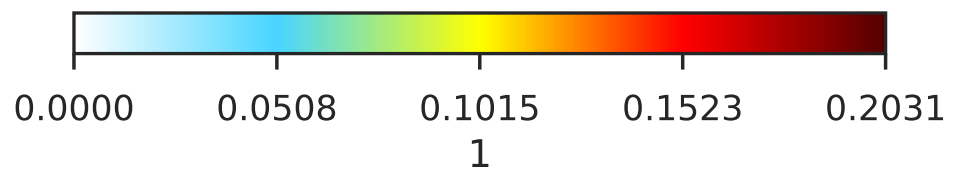
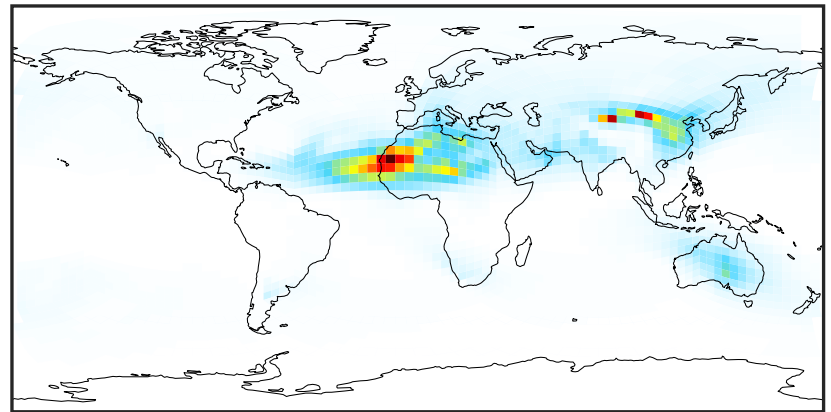


Column_AOD_Dust (Oct2019)

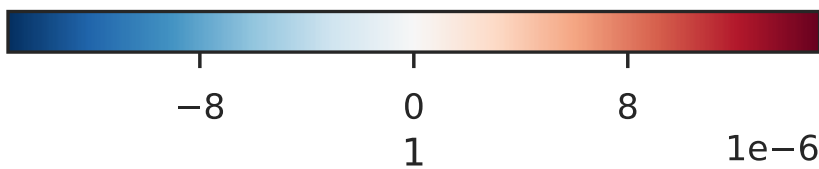
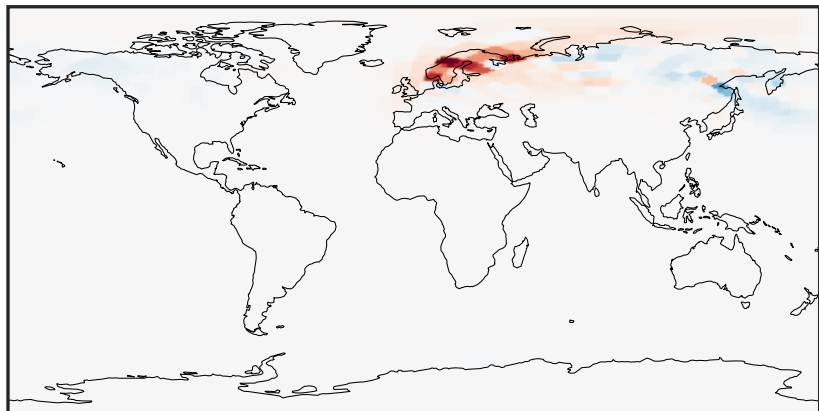
14.2.0-rc.2 (Ref)
c24



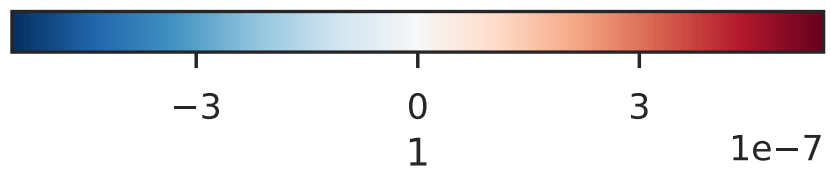
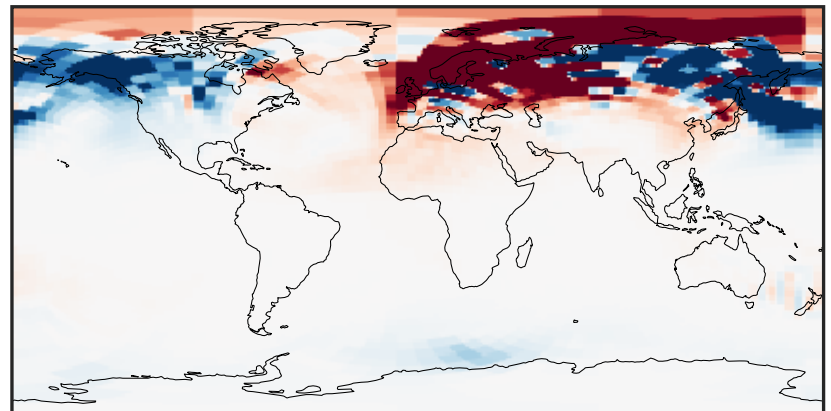
14.3.0-rc.0 (Dev)
c24



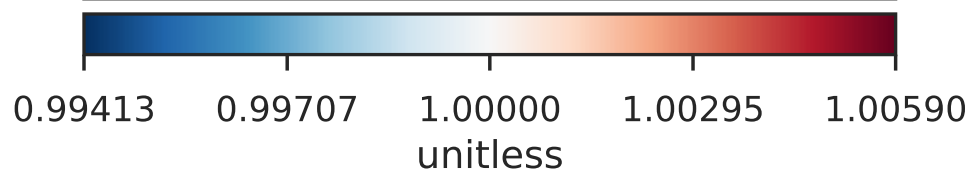
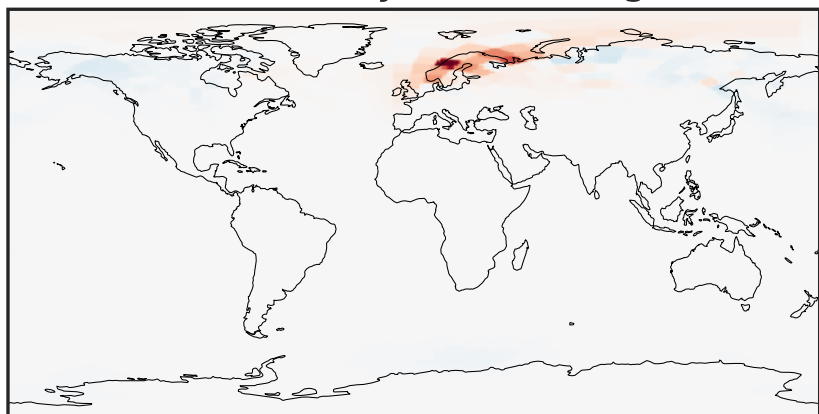
Difference (1x1.25)
Dev - Ref, Dynamic Range



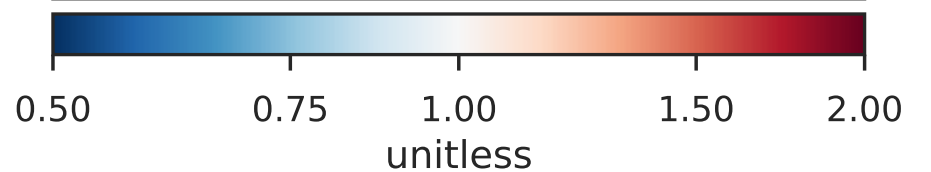
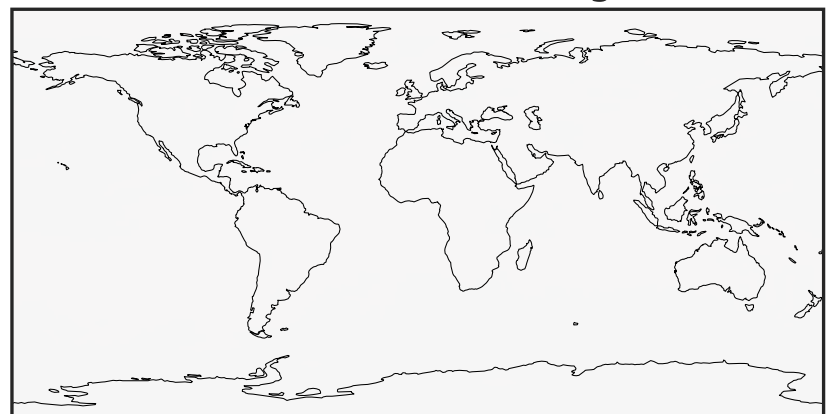
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

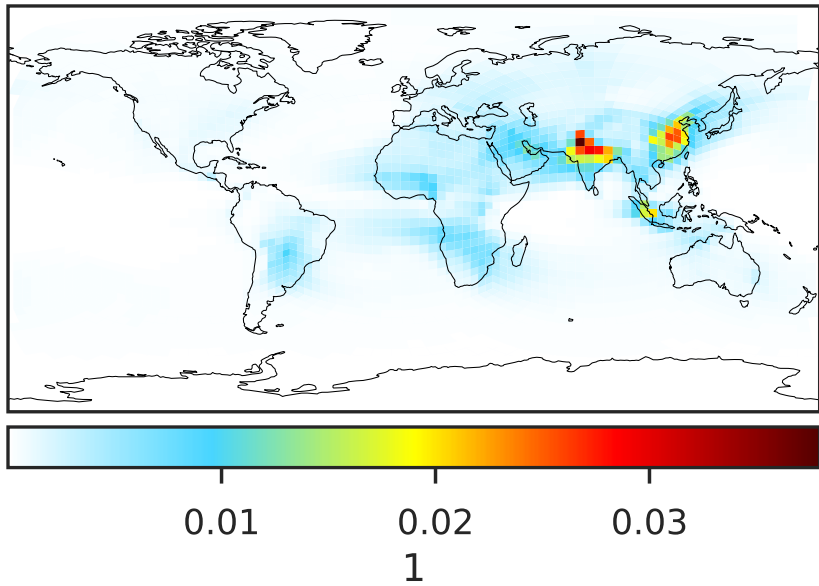


Ratio (1x1.25)
Dev/Ref, Fixed Range

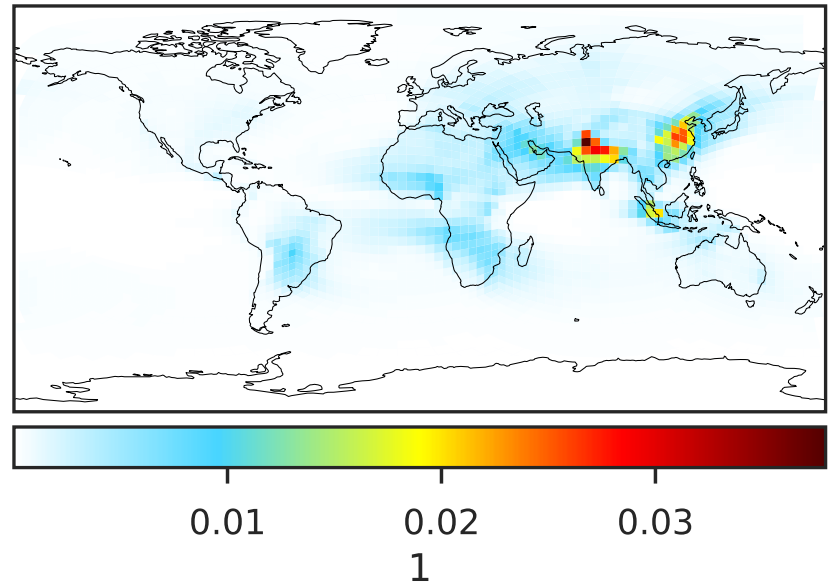


Column_AOD_BCPI (Oct2019)

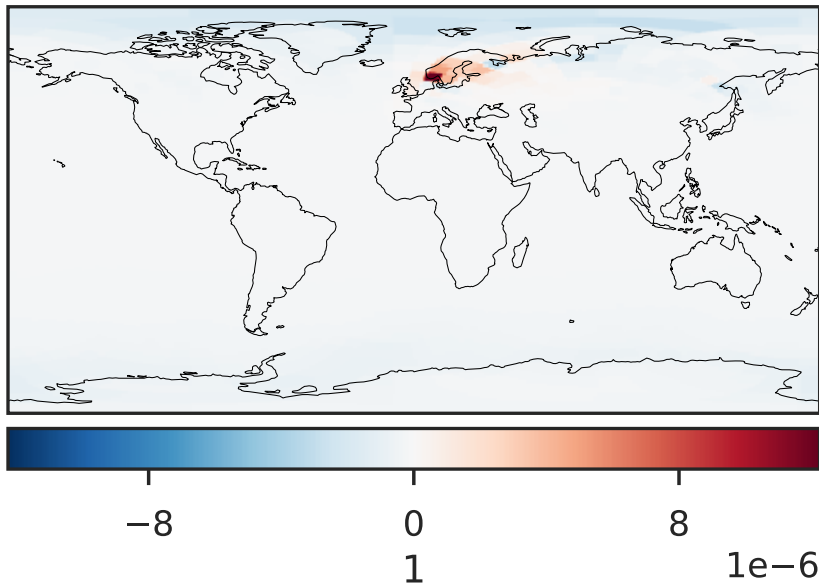
14.2.0-rc.2 (Ref)
c24



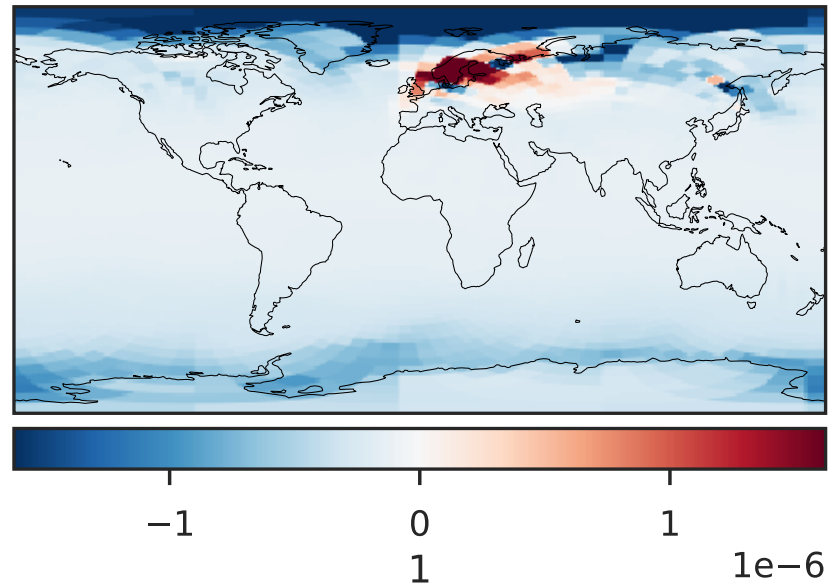
14.3.0-rc.0 (Dev)
c24



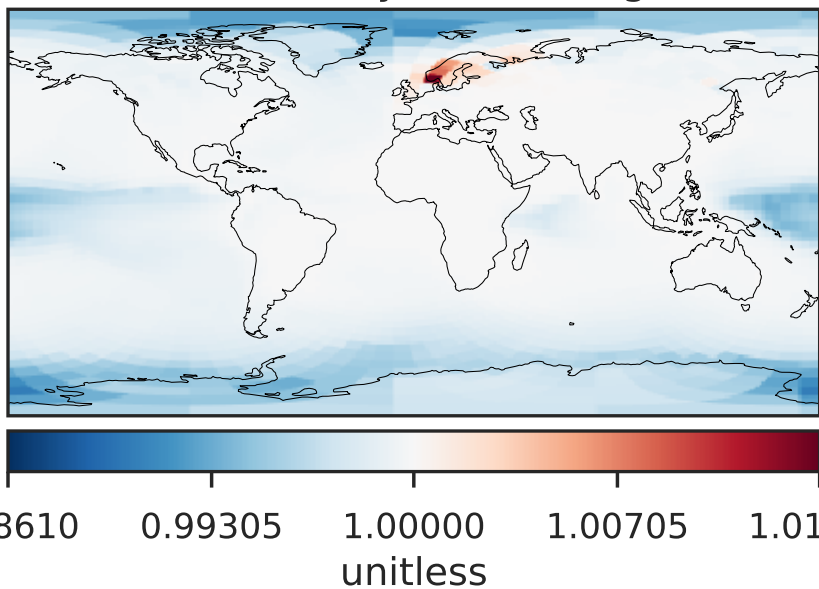
Difference (1x1.25)
Dev - Ref, Dynamic Range



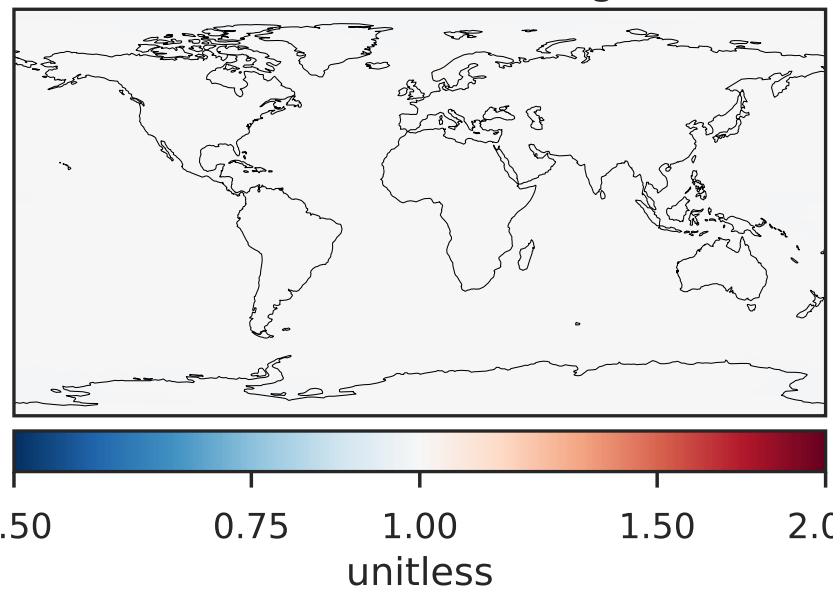
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

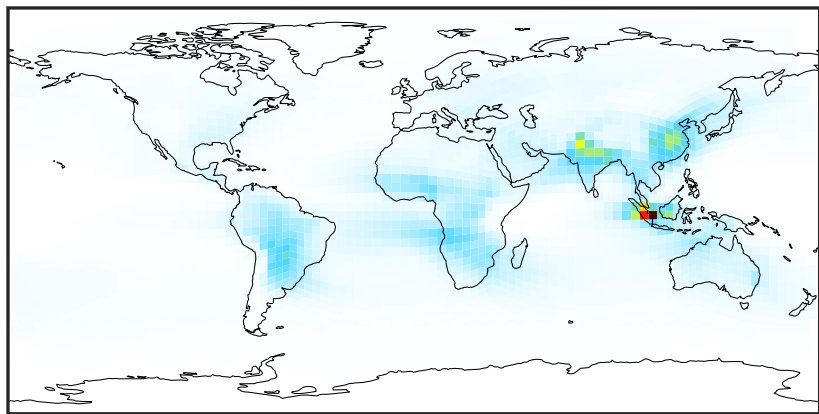


Ratio (1x1.25)
Dev/Ref, Fixed Range



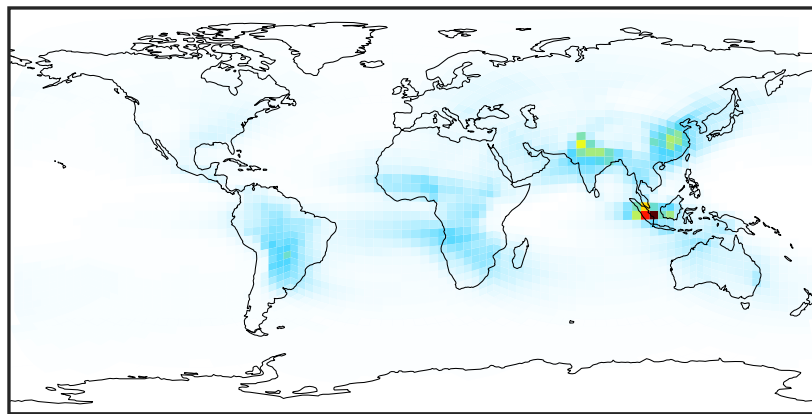
Column_AOD_OCPI (Oct2019)

14.2.0-rc.2 (Ref)
c24



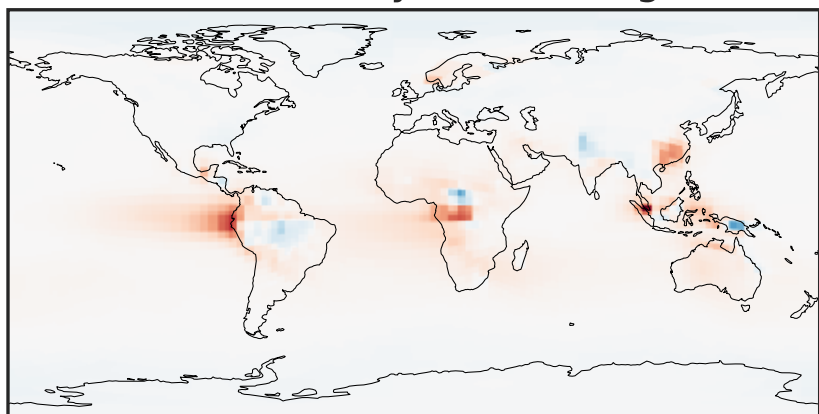
0.0007 0.1349 0.2691 0.4033 0.5375
1

14.3.0-rc.0 (Dev)
c24



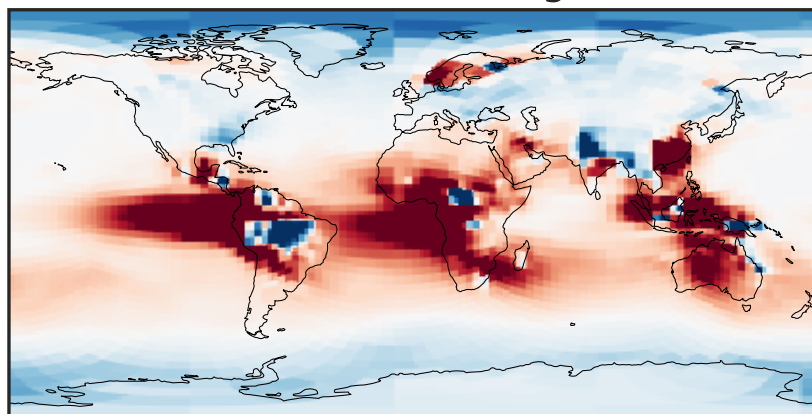
0.0007 0.1349 0.2691 0.4033 0.5375
1

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



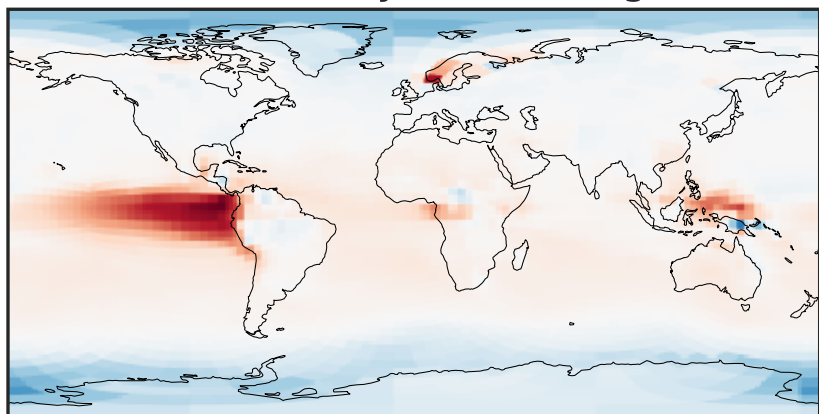
-0.0002 0.0000 0.0002
1

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



-2 0 2
1 1e-5

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



0.98712 0.99356 1.00000 1.00652 1.01305
unitless

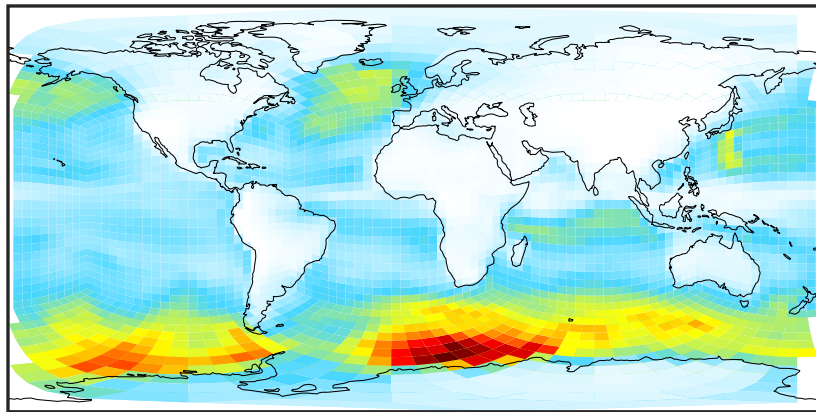
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

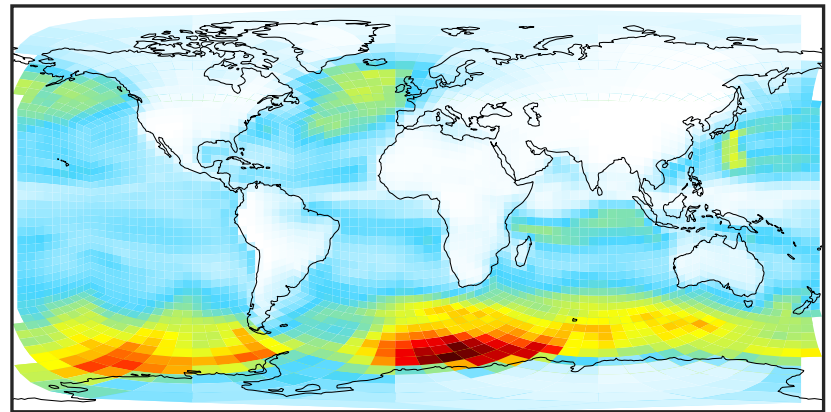
Column_AOD_SALA (Oct2019)

14.2.0-rc.2 (Ref)
c24



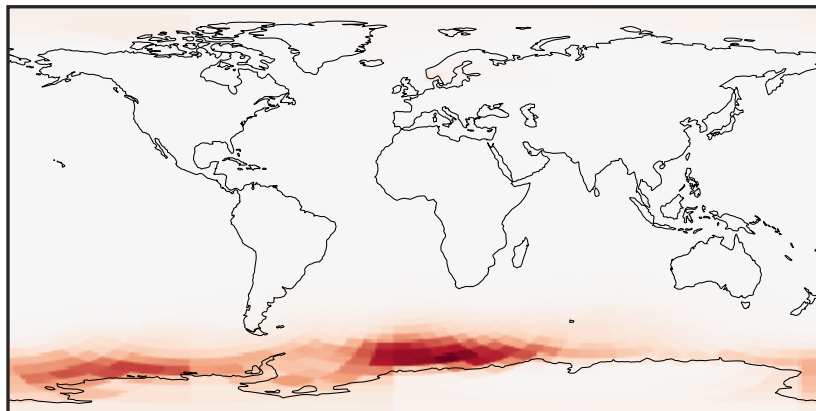
0.025 0.050 0.075
1

14.3.0-rc.0 (Dev)
c24



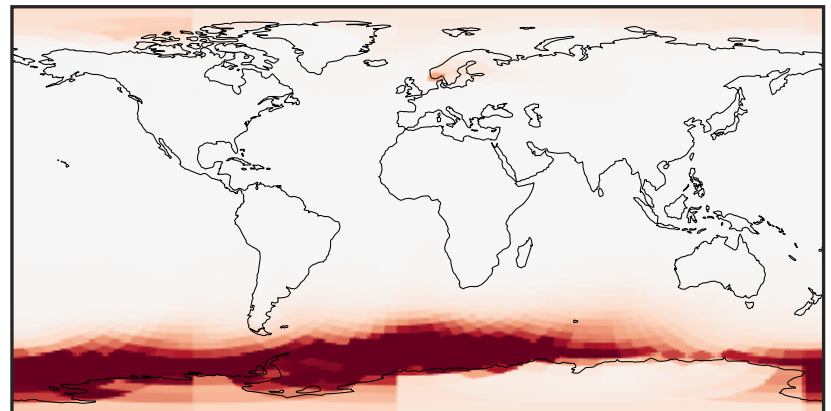
0.025 0.050 0.075
1

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



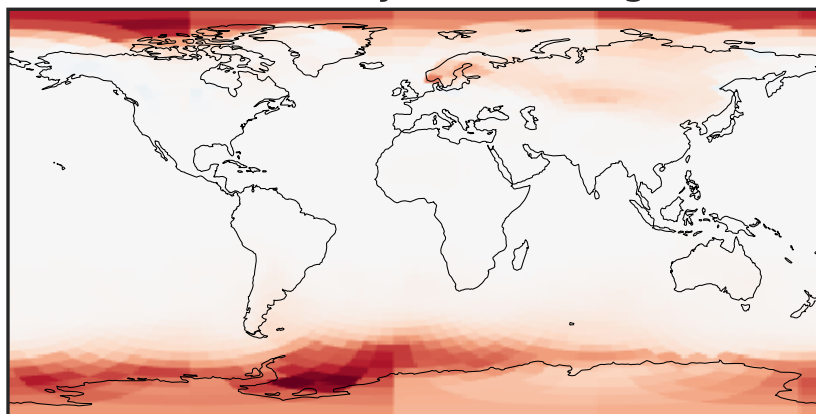
-0.0015 0.0000 0.0015
1

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



-0.0004 0.0000 0.0004
1

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



0.95694 0.97847 1.00000 1.02250 1.04500
unitless

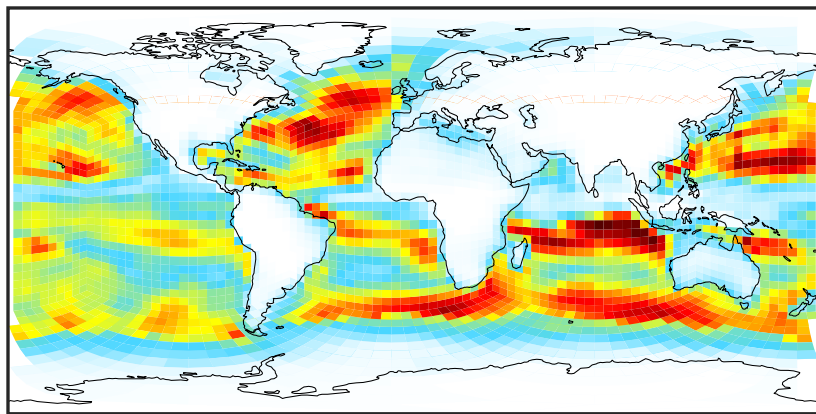
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

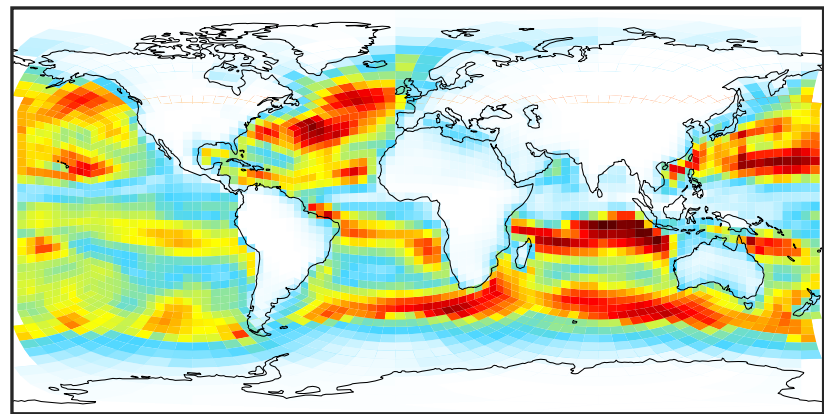
Column_AOD_SALC (Oct2019)

14.2.0-rc.2 (Ref)
c24



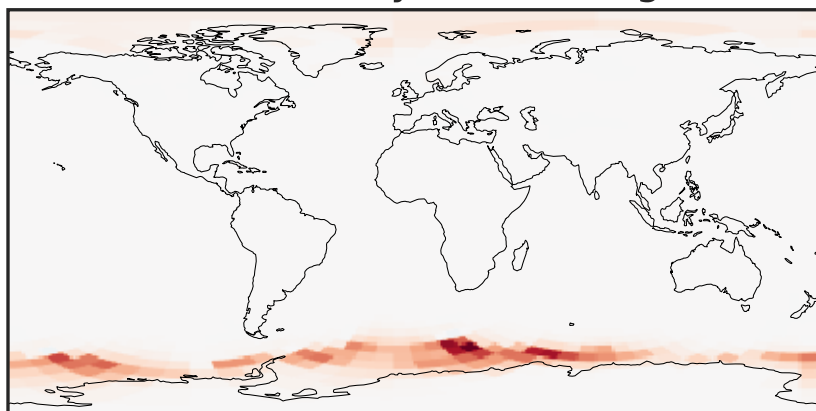
0.025 0.050 0.075
1

14.3.0-rc.0 (Dev)
c24



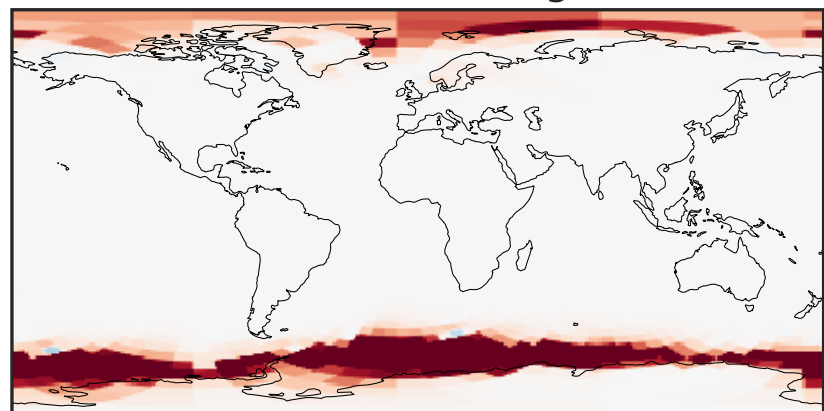
0.025 0.050 0.075
1

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



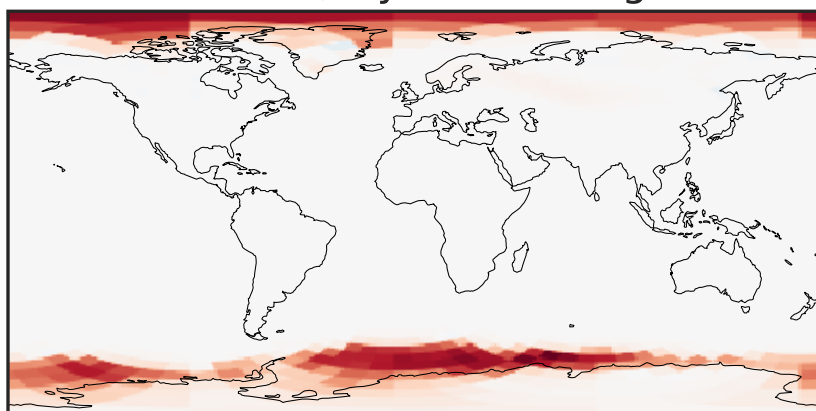
-0.002 0.000 0.002
1

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



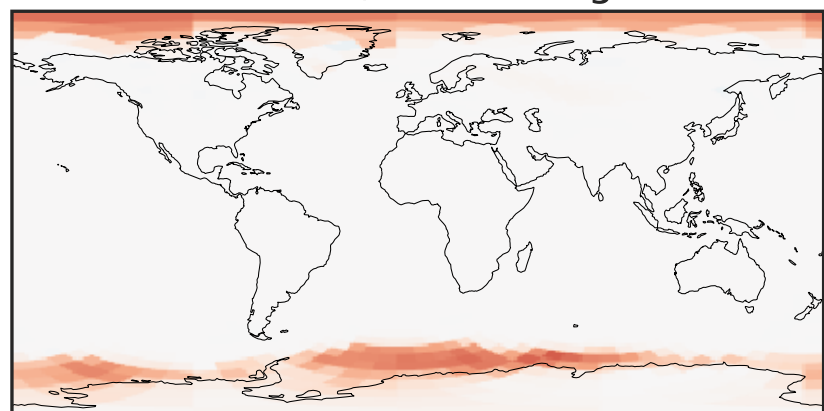
-0.00025 0.00000 0.00025
1

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



0.6567 0.8283 1.0000 1.2614 1.5228
unitless

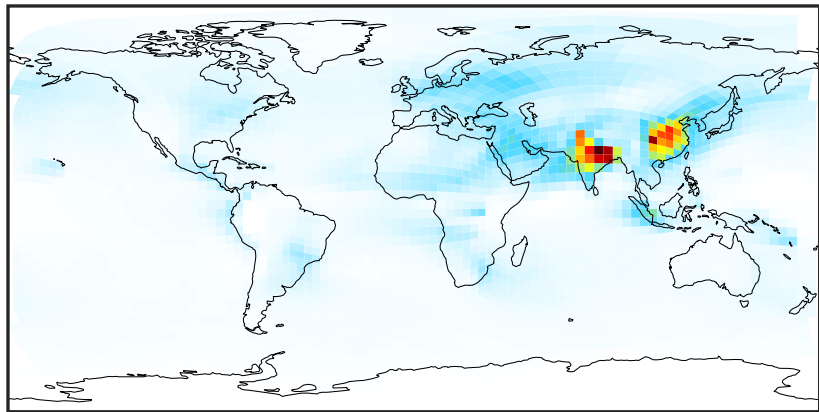
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

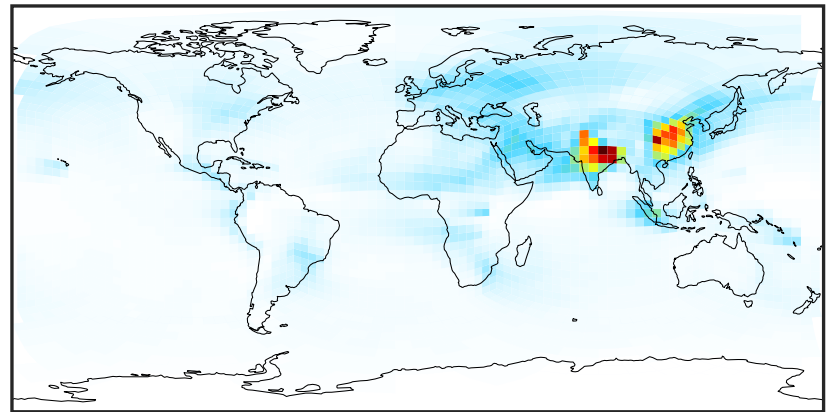
Column_AOD_SO4 (Oct2019)

14.2.0-rc.2 (Ref)
c24



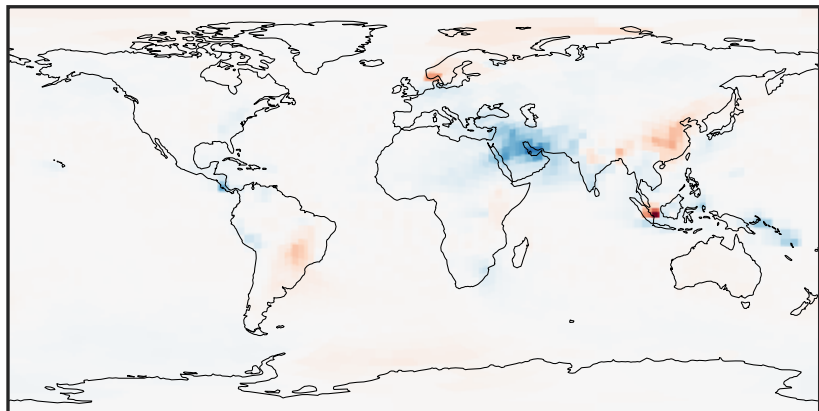
0.0015 0.1764 0.3512 0.5261 0.7010
1

14.3.0-rc.0 (Dev)
c24



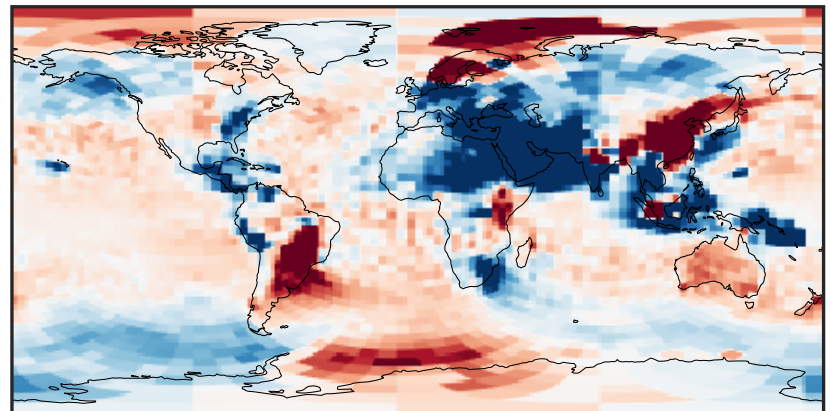
0.0015 0.1764 0.3512 0.5261 0.7010
1

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



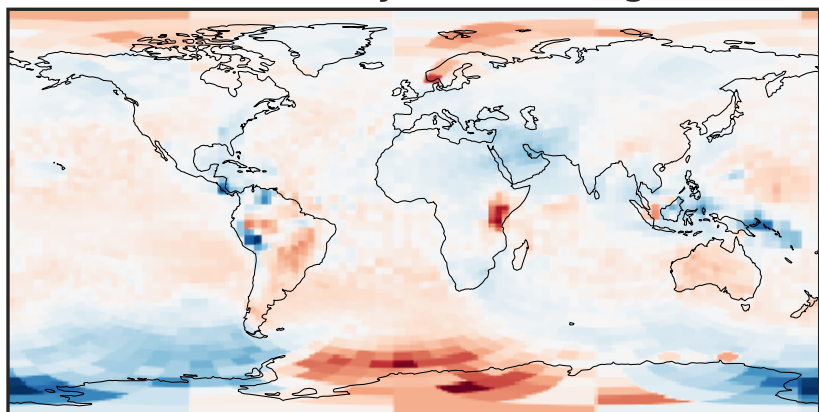
-0.0015 0.0000 0.0015
1

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



-8 0 8
1 1e-5

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



0.97601 0.98800 1.00000 1.01229 1.02458
unitless

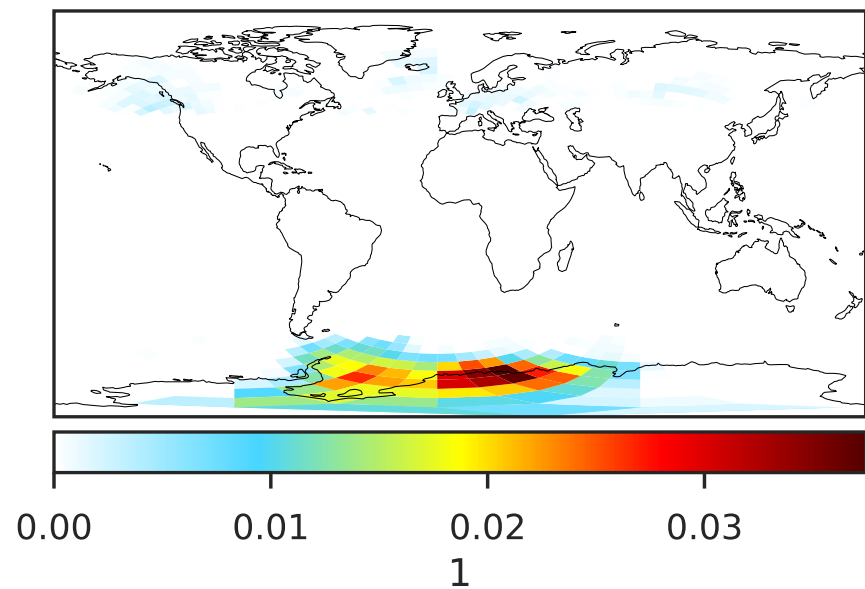
Ratio (1x1.25)
Dev/Ref, Fixed Range



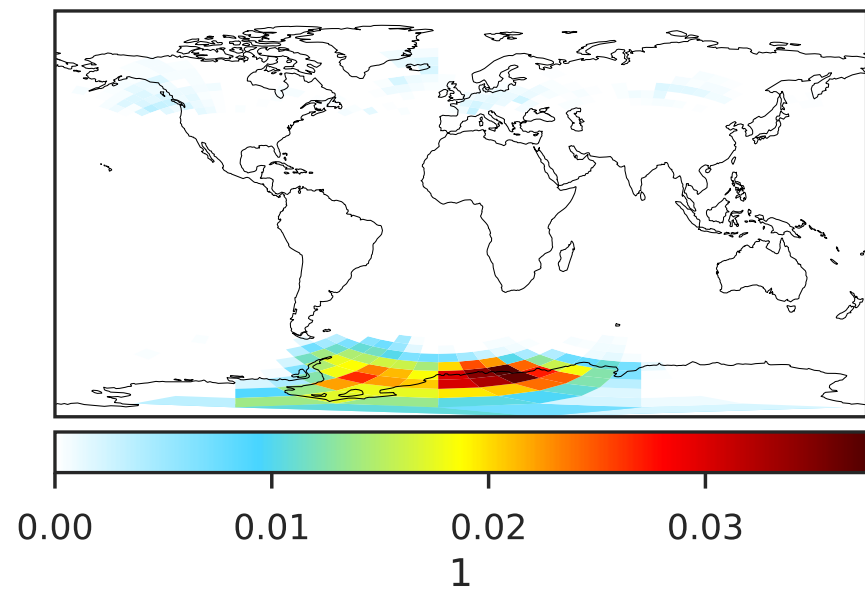
0.50 0.75 1.00 1.50 2.00
unitless

Column_AOD_Polar_Strat_Cloud (Oct2019)

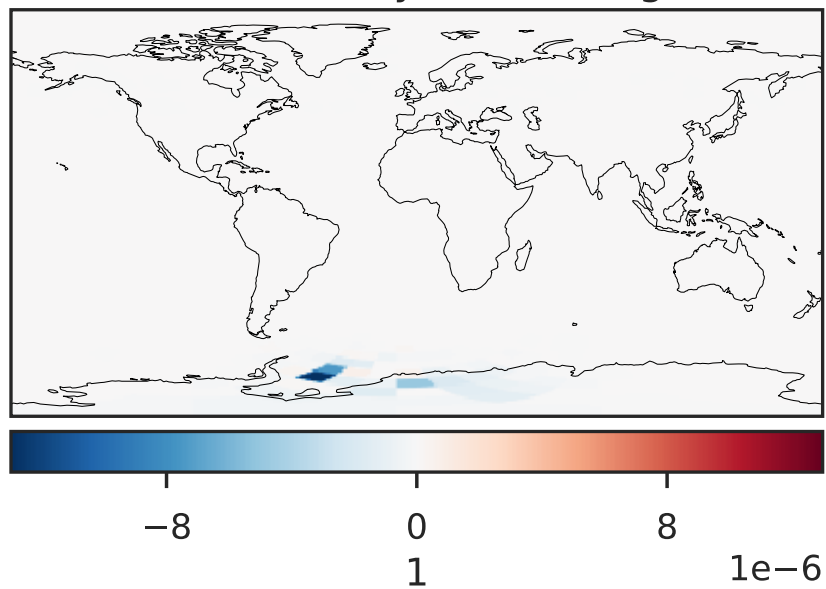
14.2.0-rc.2 (Ref)
c24



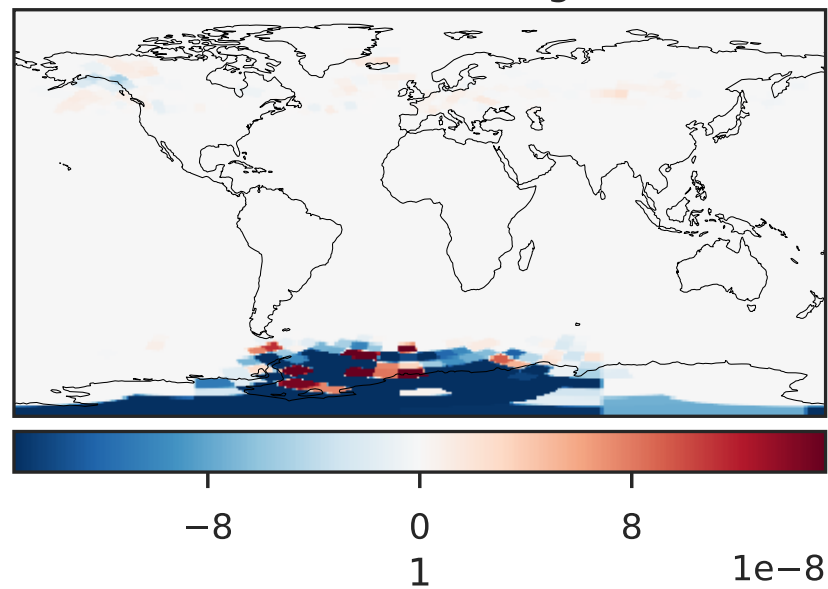
14.3.0-rc.0 (Dev)
c24



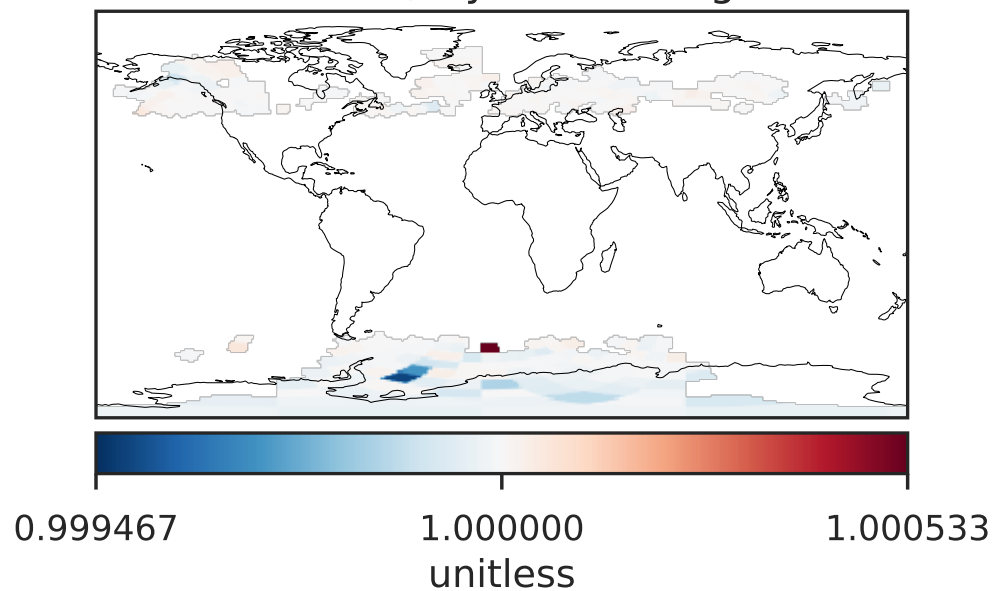
Difference (1x1.25)
Dev - Ref, Dynamic Range



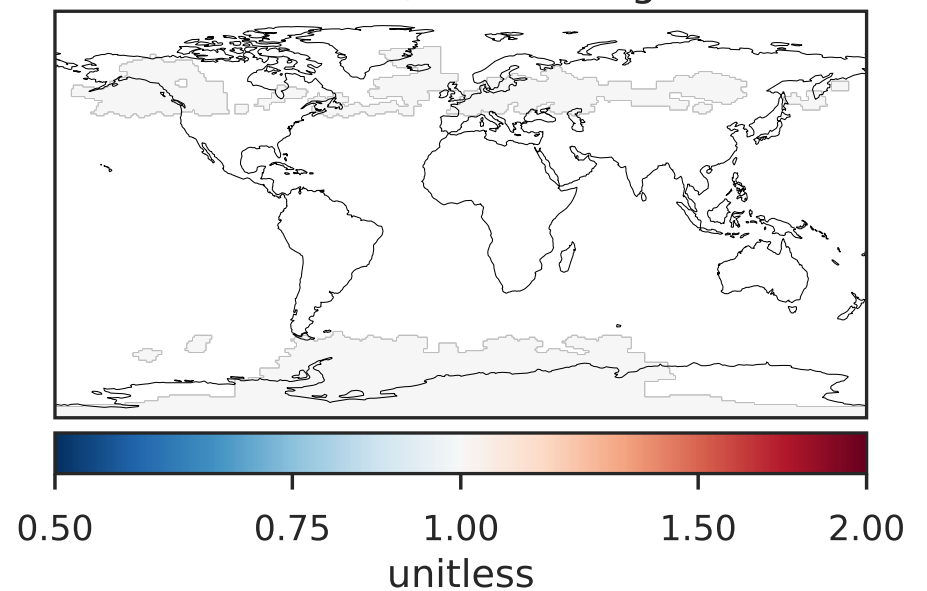
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

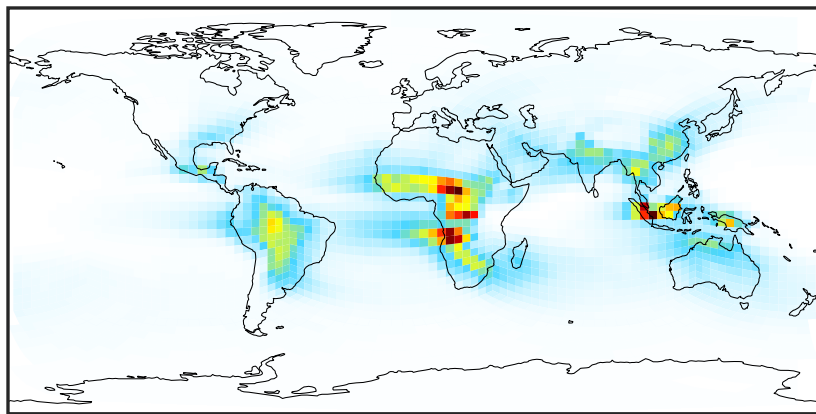


Ratio (1x1.25)
Dev/Ref, Fixed Range



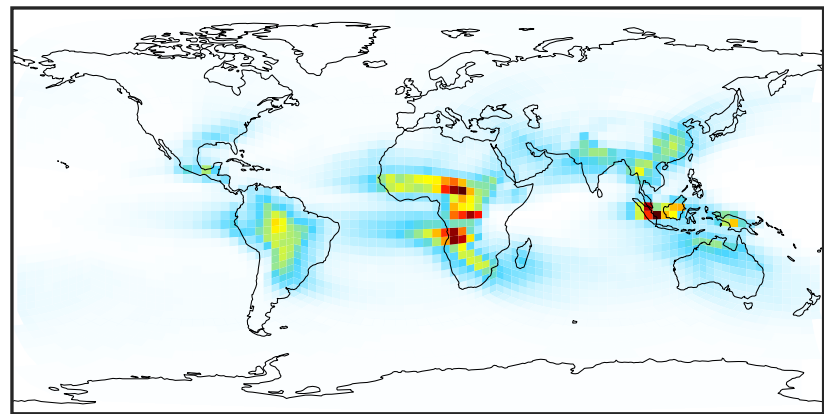
Column_AOD_SOA_from_Aqueous_ISOP (Oct2019)

14.2.0-rc.2 (Ref)
c24



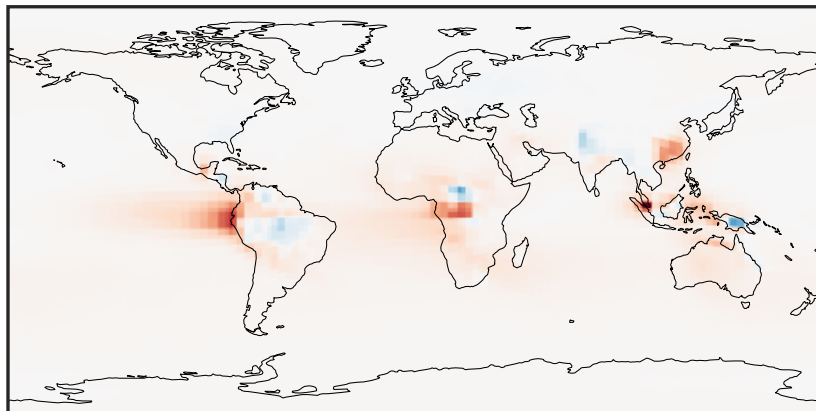
0.008 0.016 0.024
1

14.3.0-rc.0 (Dev)
c24



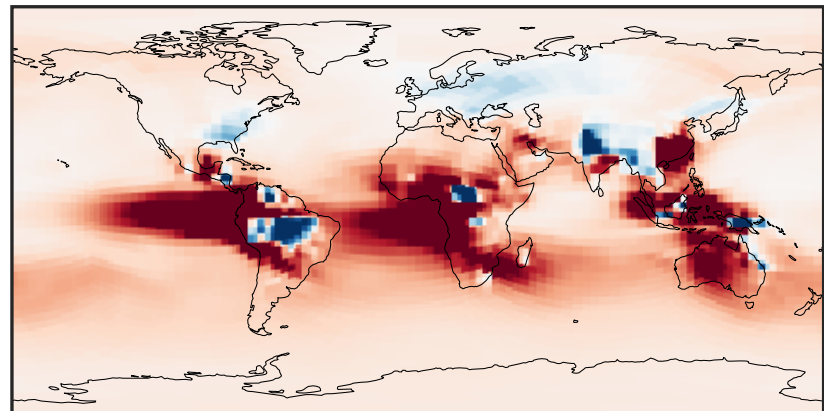
0.008 0.016 0.024
1

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



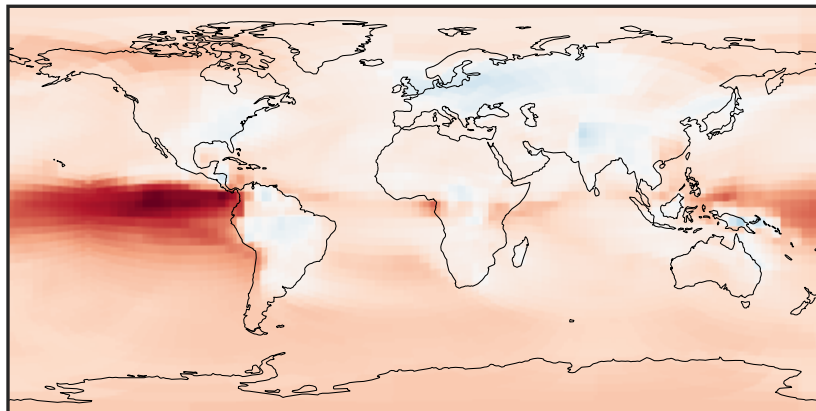
-0.0002 0.0000 0.0002
1

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



-2 0 2
1 1e-5

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



0.9370 0.9685 1.0000 1.0336 1.0672
unitless

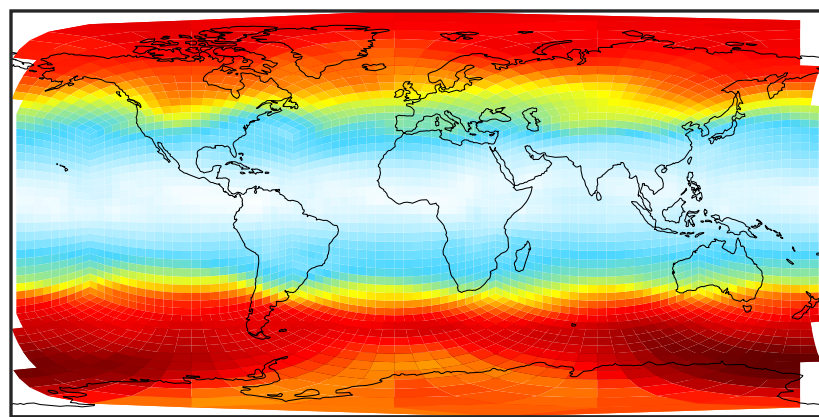
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

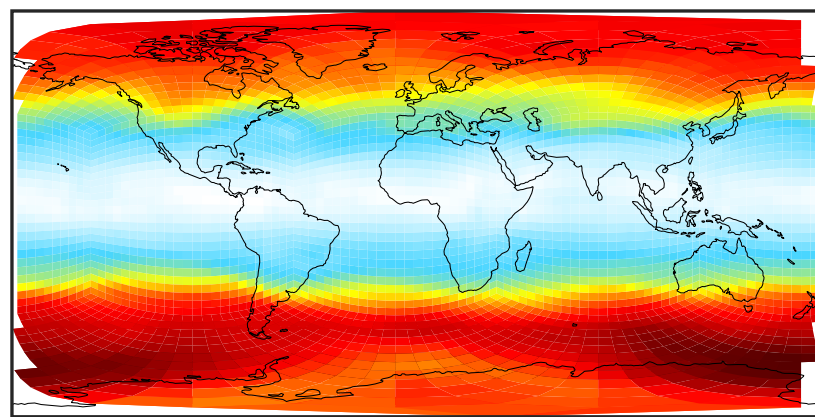
Column_AOD_Strat_Liquid_Aerosol (Oct2019)

14.2.0-rc.2 (Ref)
c24



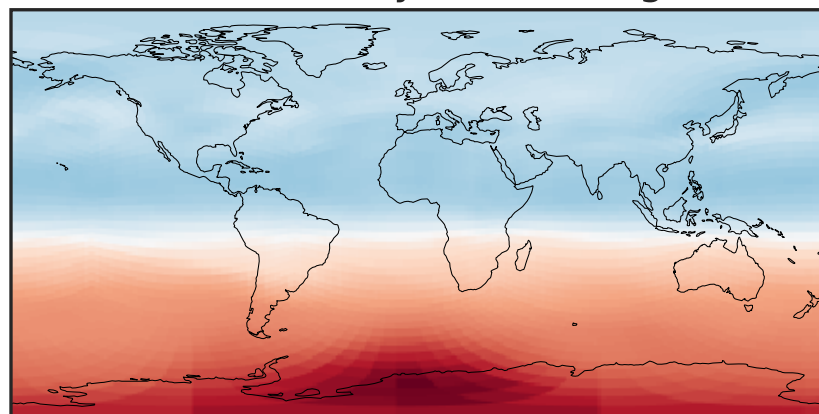
0.003 0.004 0.005
1

14.3.0-rc.0 (Dev)
c24



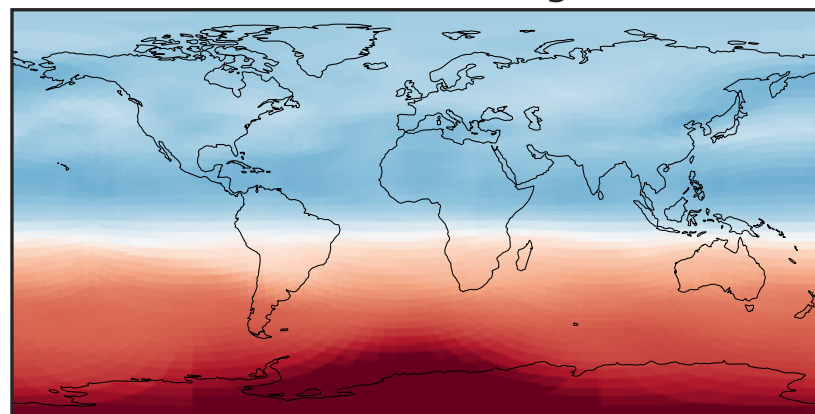
0.003 0.004 0.005
1

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



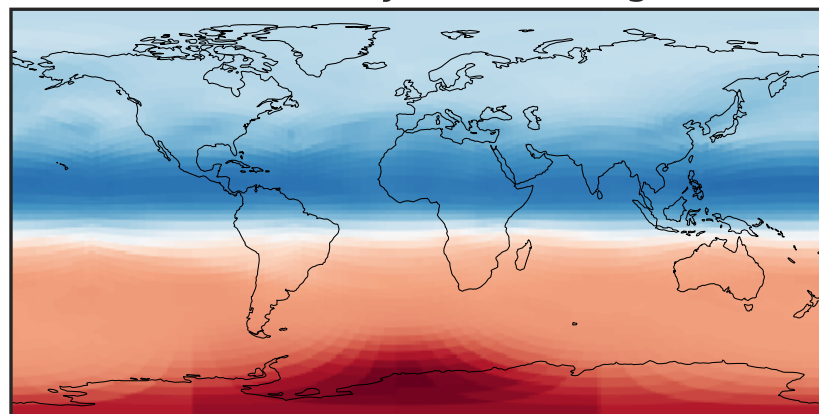
-6 0 6
1 1e-5

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



-5 0 5
1 1e-5

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



0.97751 0.98875 1.00000 1.01151 1.02301
unitless

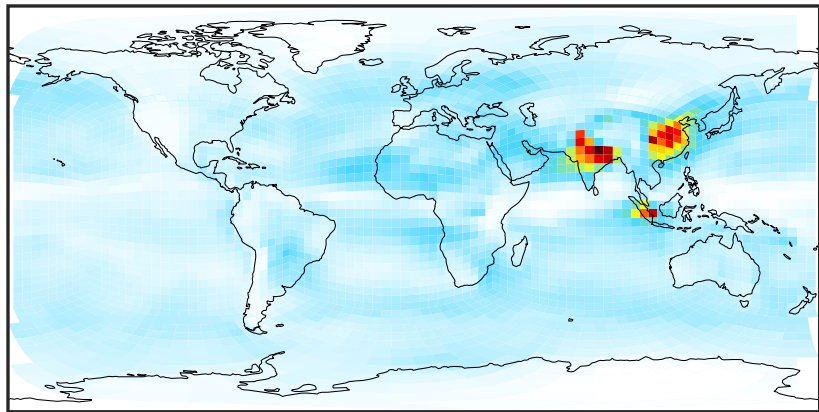
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

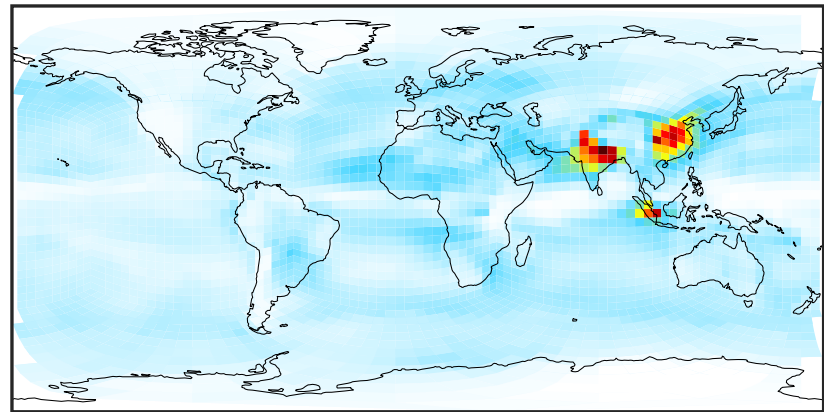
Column_AOD_Total (Oct2019)

14.2.0-rc.2 (Ref)
c24



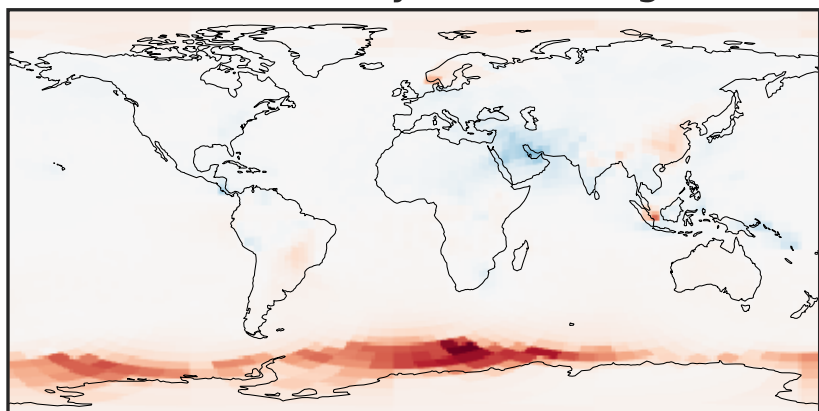
0.0124 0.2494 0.4863 0.7232 0.9602
1

14.3.0-rc.0 (Dev)
c24



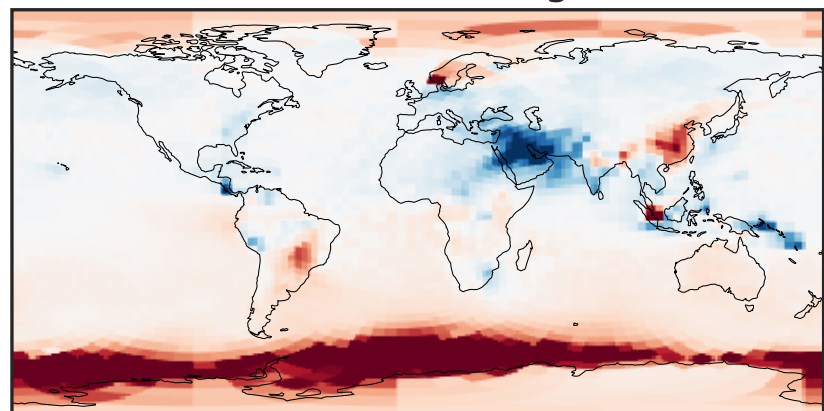
0.0124 0.2494 0.4863 0.7232 0.9602
1

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



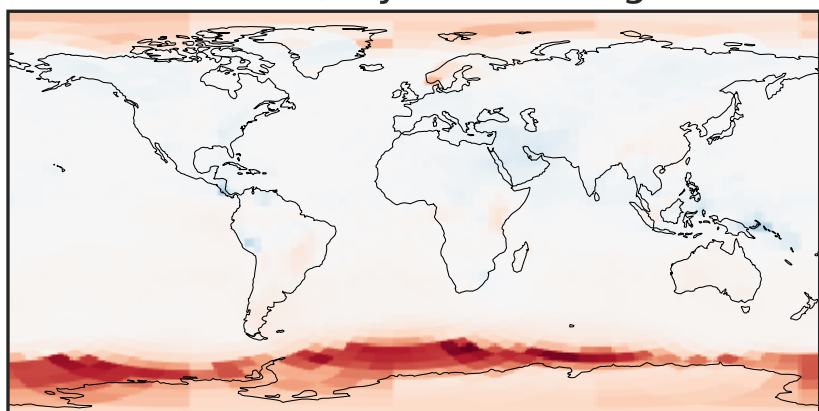
-0.0025 0.0000 0.0025
1

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



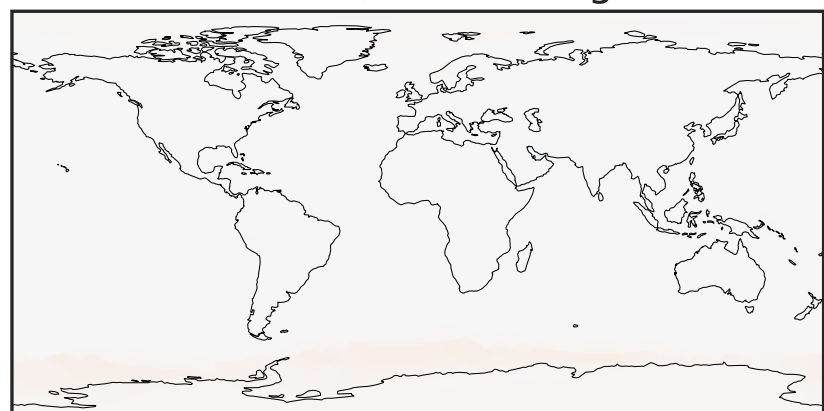
-0.0006 0.0000 0.0006
1

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



0.95491 0.97746 1.00000 1.02361 1.04722
unitless

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



0.50 0.75 1.00 1.50 2.00
unitless