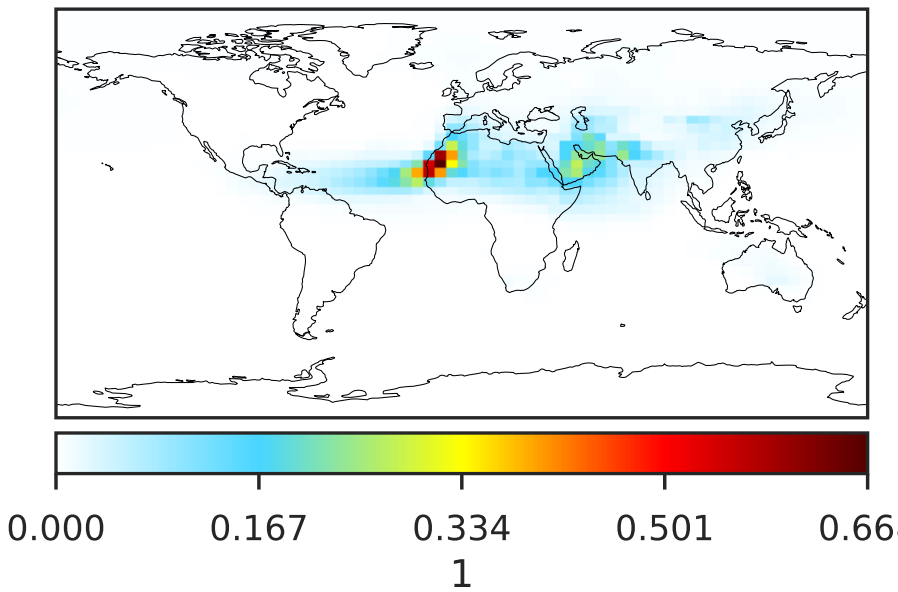
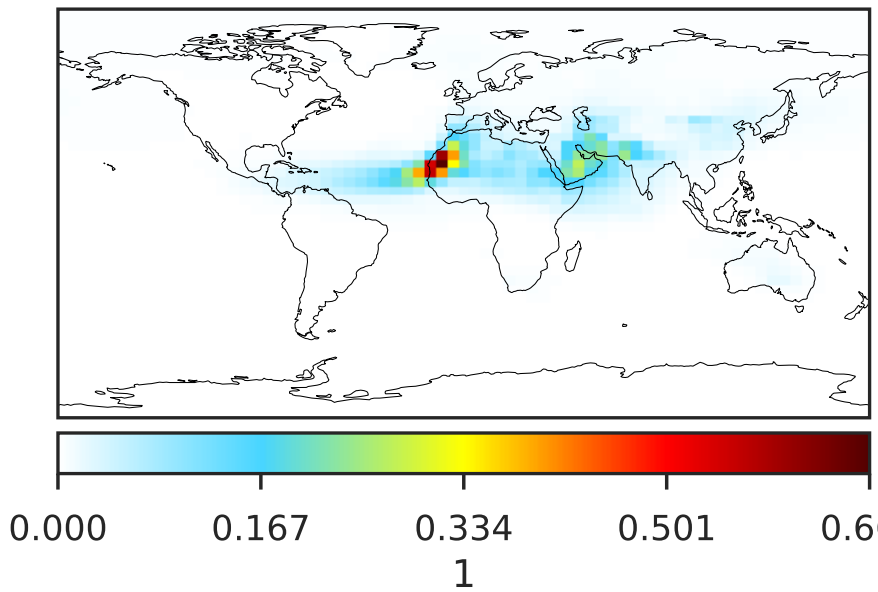
Column_AOD_Dust

gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0



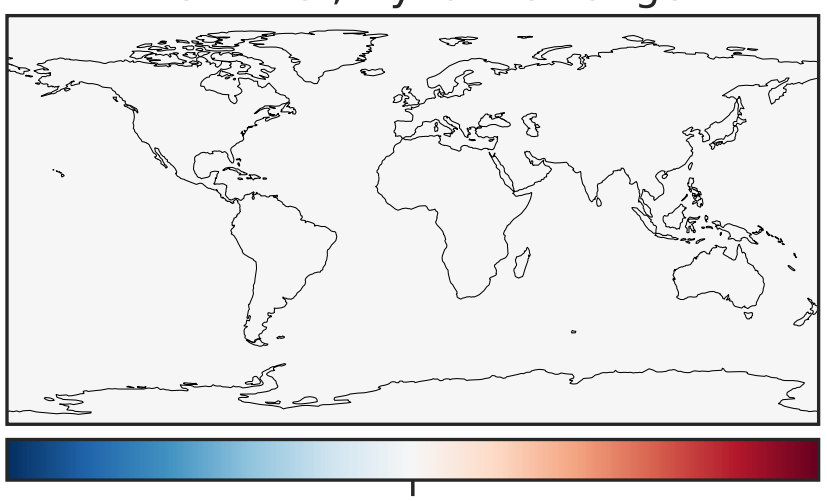
1

gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0



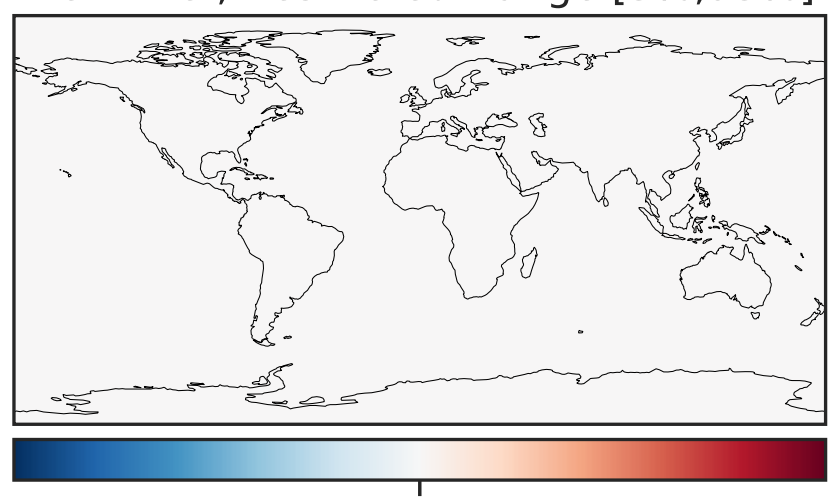
1

Difference
Dev - Ref, Dynamic Range



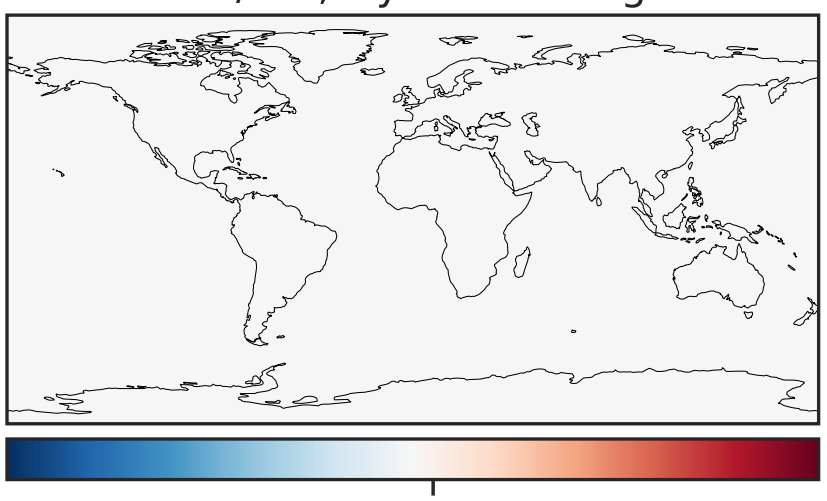
Zero throughout domain
1

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



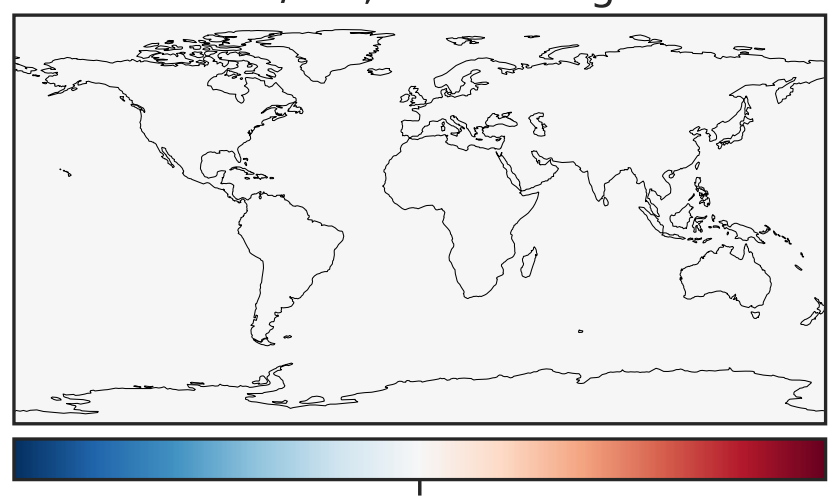
Zero throughout domain
1

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

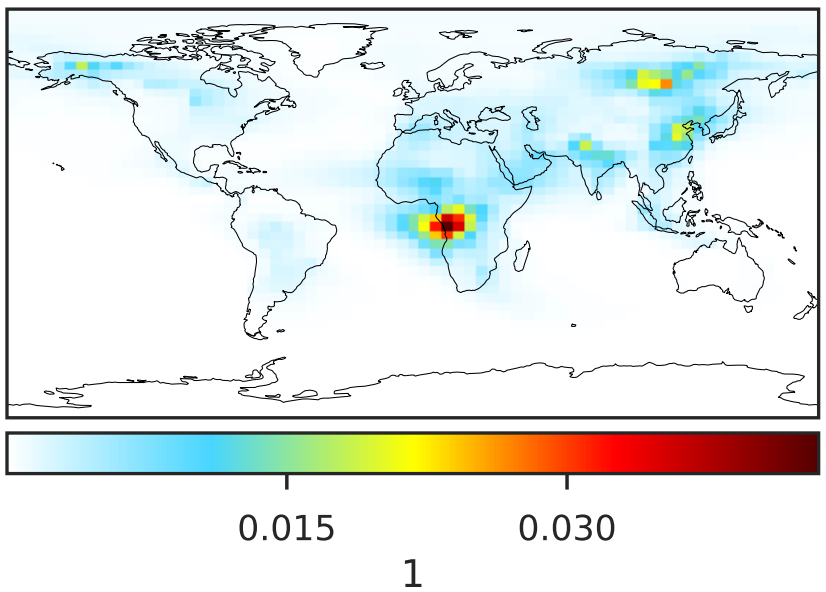
Ratio
Dev/Ref, Fixed Range



Ref and Dev equal throughout domain
unitless

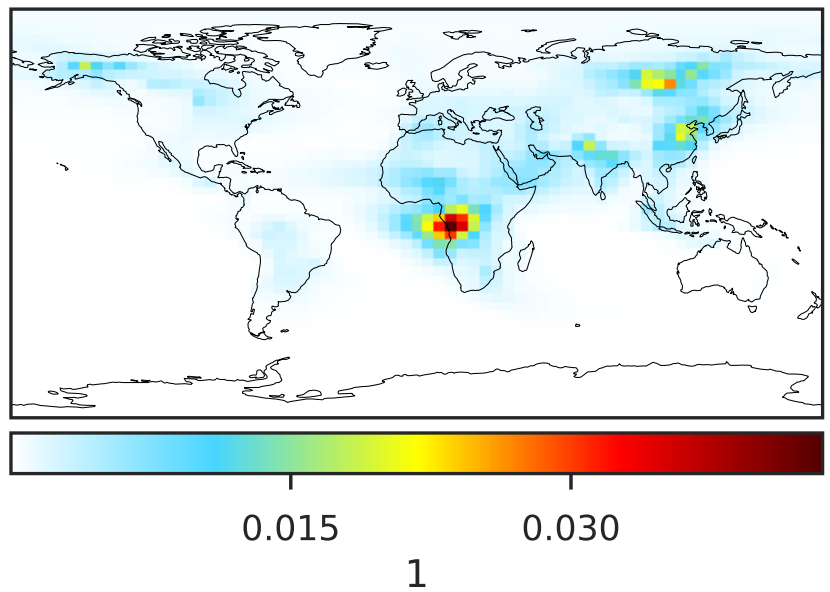
Column_AOD_BCPI

gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0



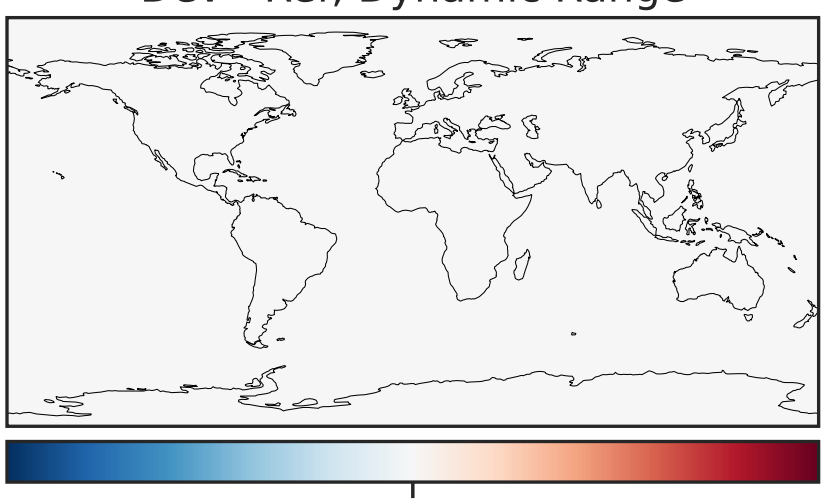
1

gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0



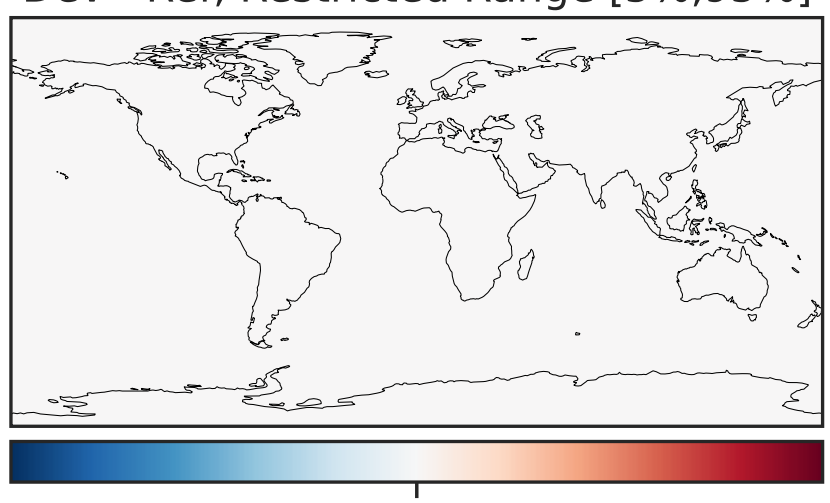
1

Difference
Dev - Ref, Dynamic Range



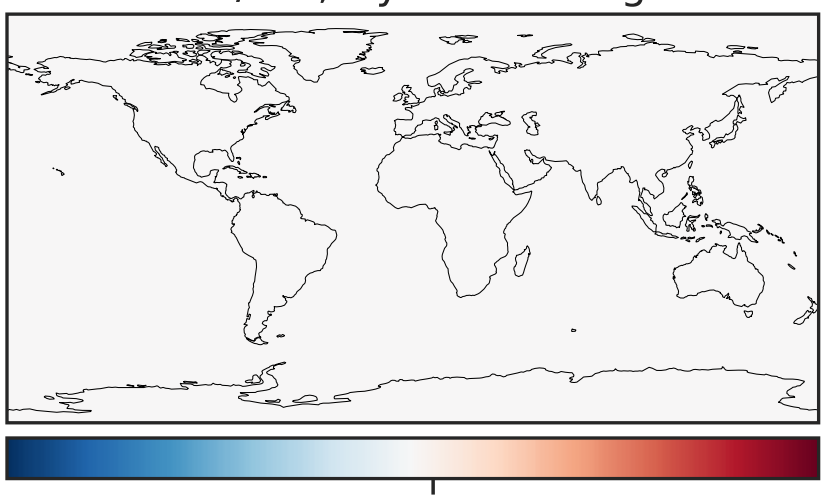
Zero throughout domain
1

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



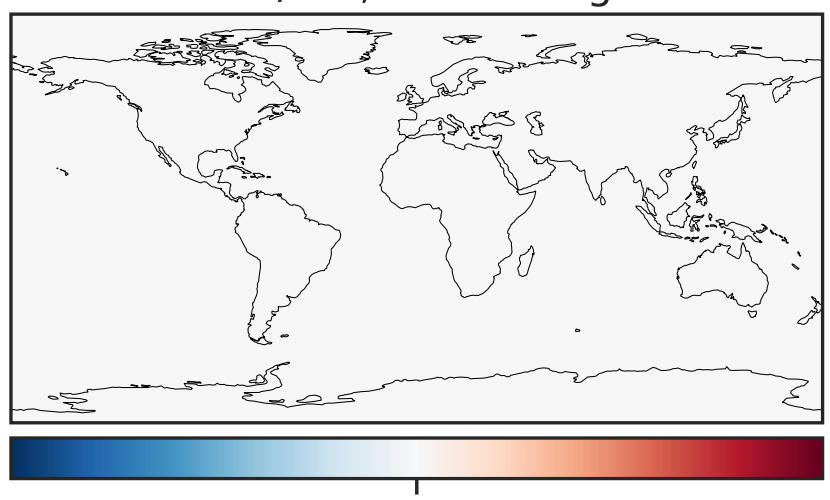
Zero throughout domain
1

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

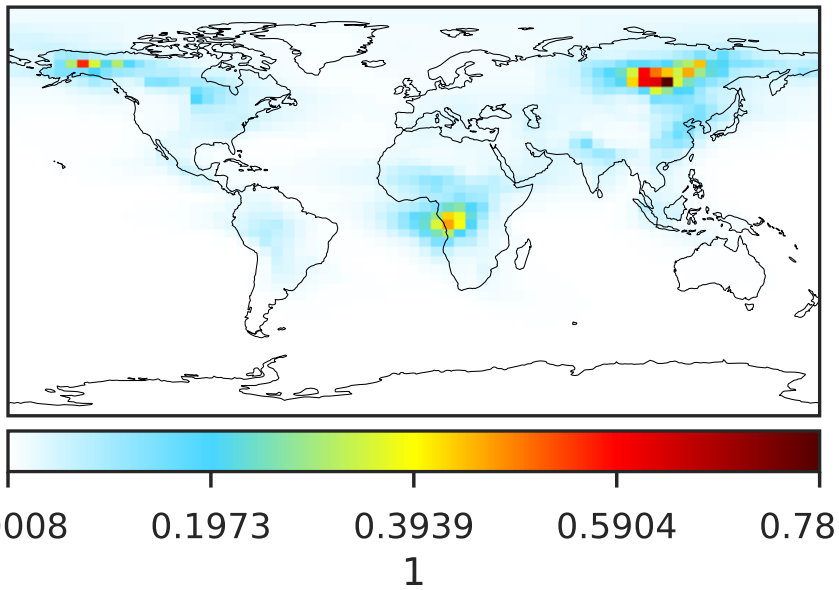
Ratio
Dev/Ref, Fixed Range



Ref and Dev equal throughout domain
unitless

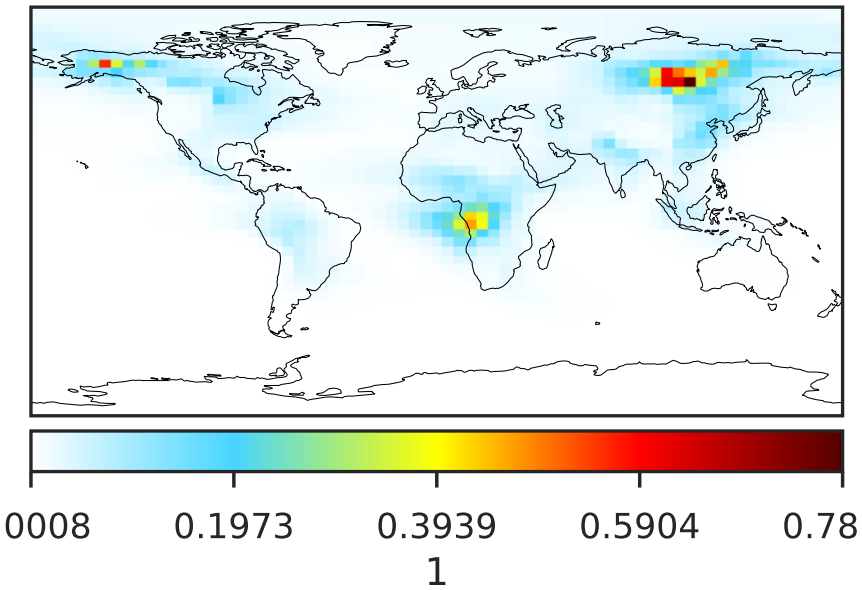
Column_AOD_OCPI

gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0



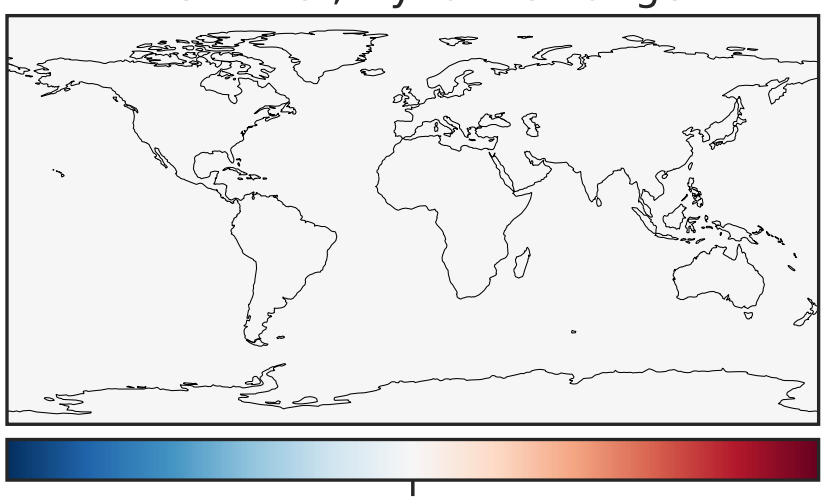
1

gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0



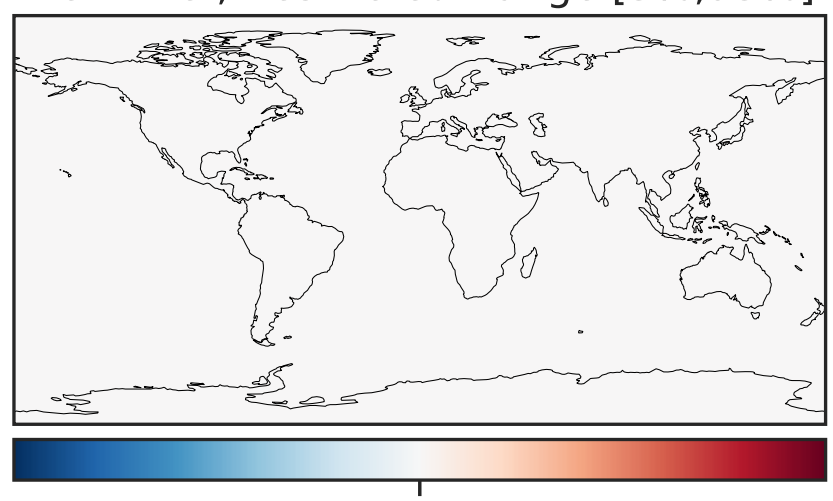
1

Difference
Dev - Ref, Dynamic Range



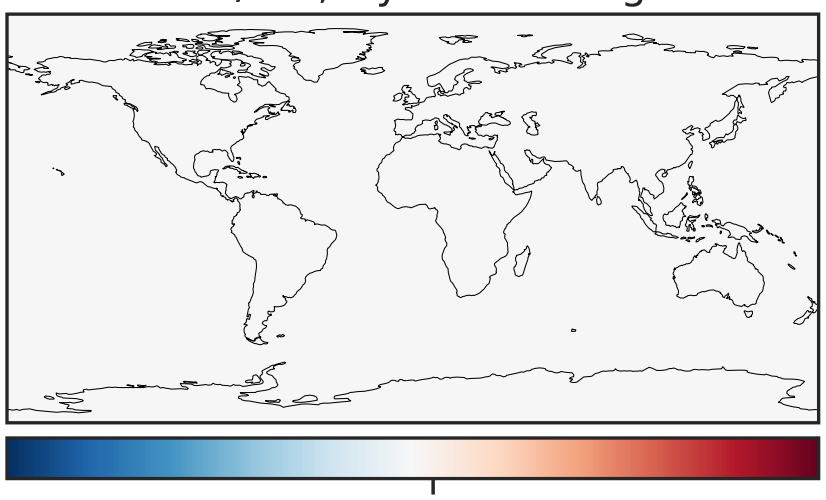
Zero throughout domain
1

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



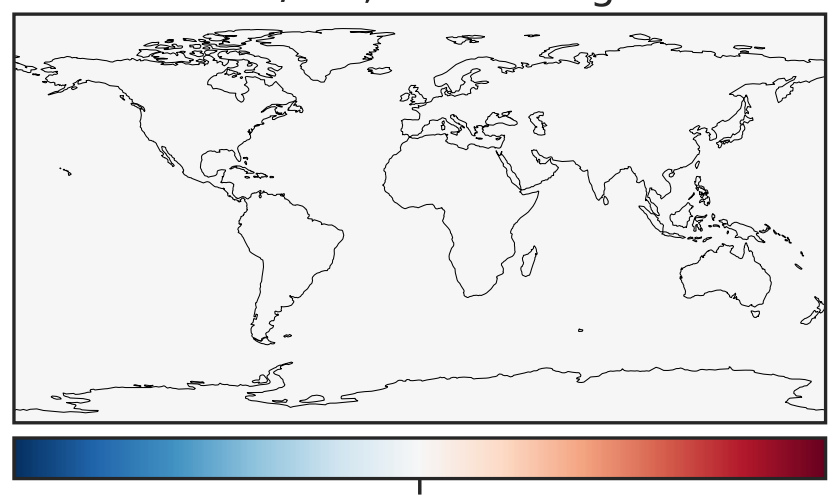
Zero throughout domain
1

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

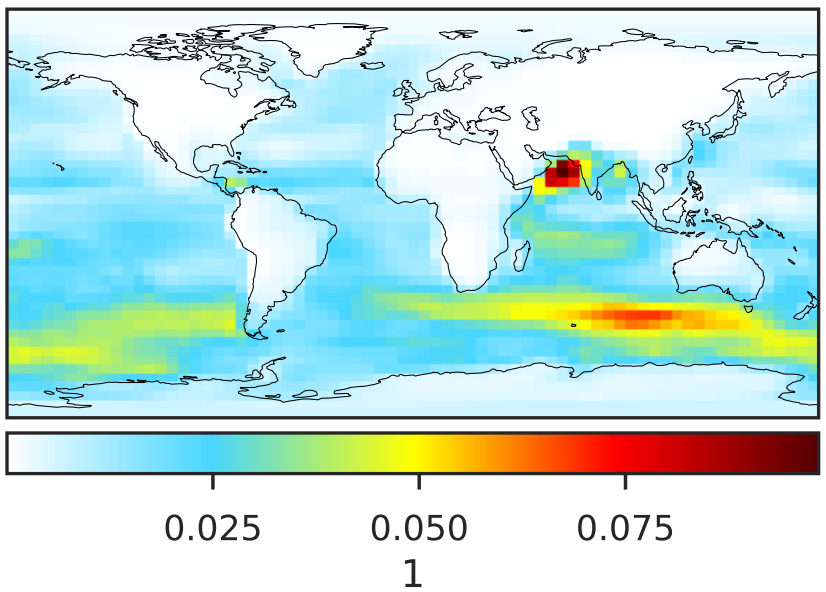
Ratio
Dev/Ref, Fixed Range



Ref and Dev equal throughout domain
unitless

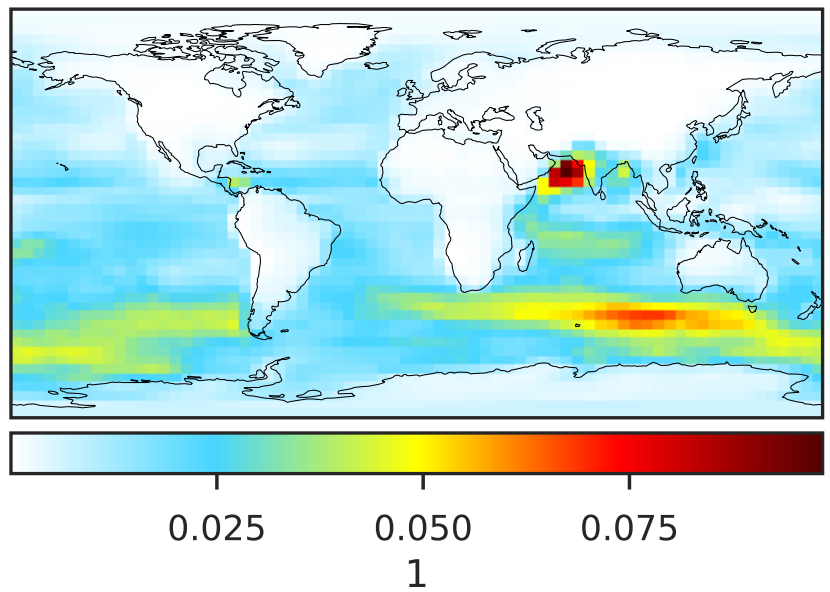
Column_AOD_SALA

gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0



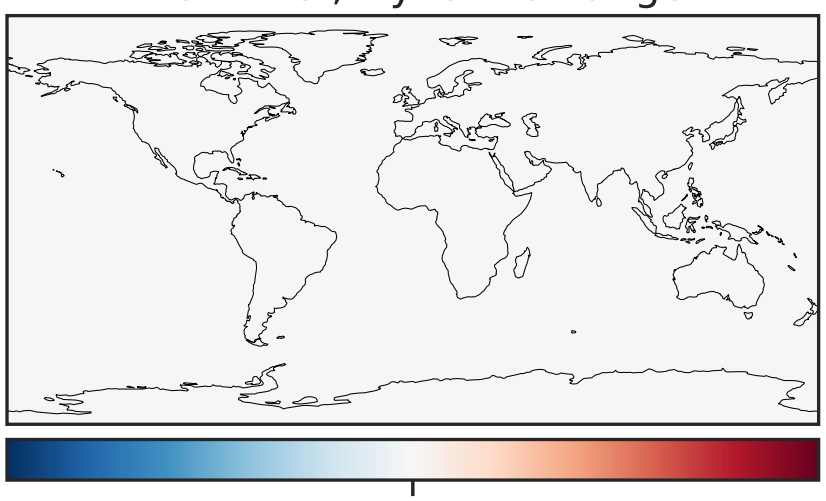
1

gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0



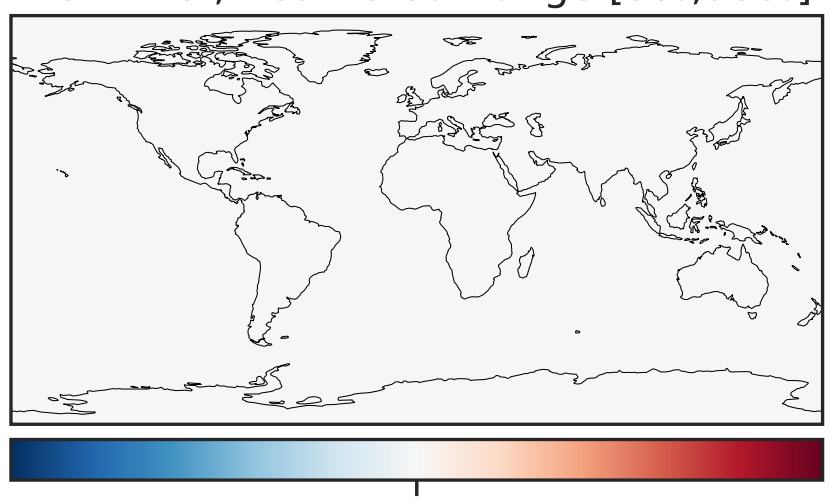
1

Difference
Dev - Ref, Dynamic Range



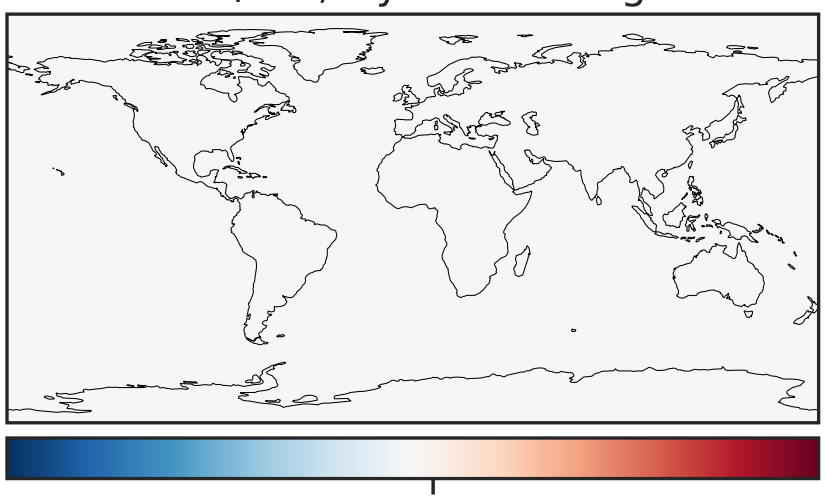
Zero throughout domain
1

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



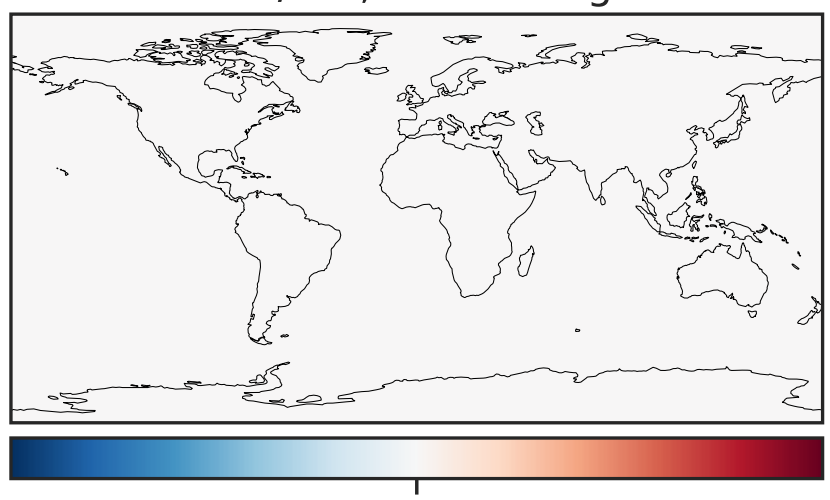
Zero throughout domain
1

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

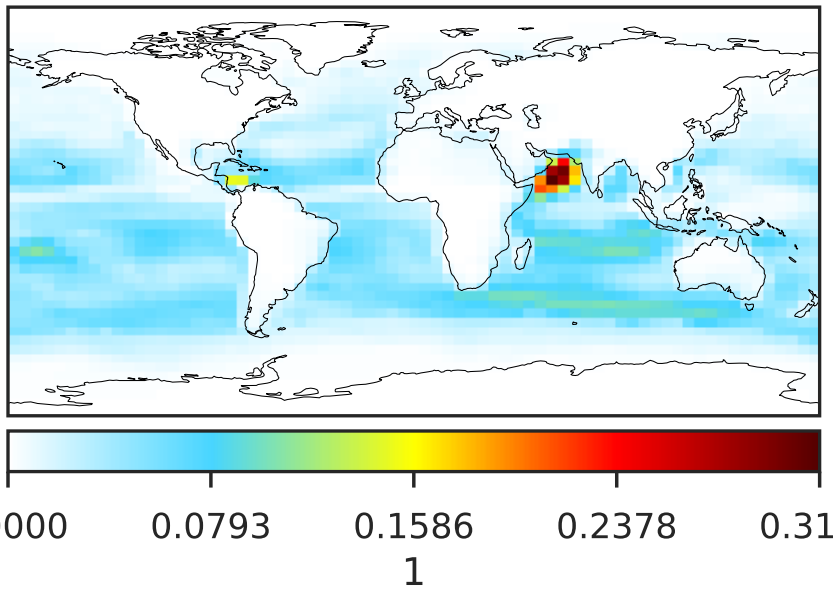
Ratio
Dev/Ref, Fixed Range



Ref and Dev equal throughout domain
unitless

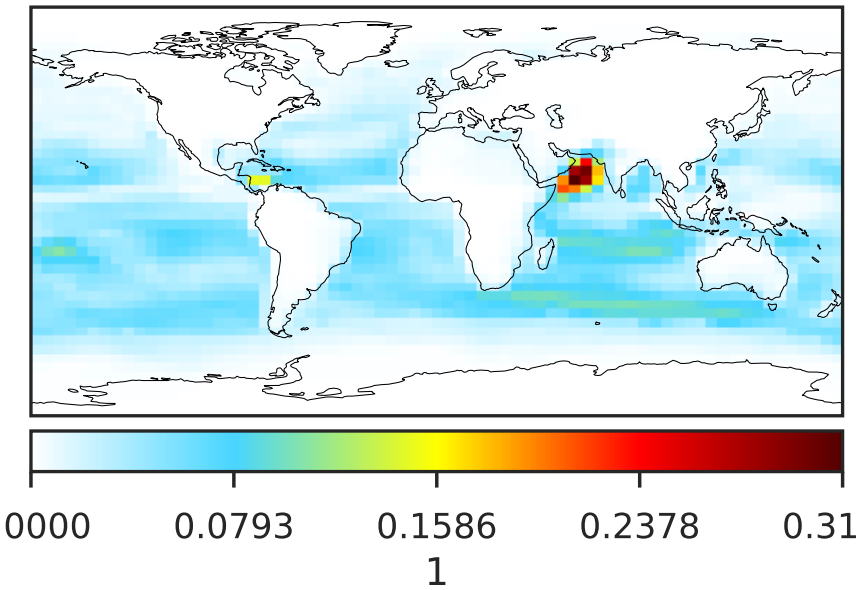
Column_AOD_SALC

gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0



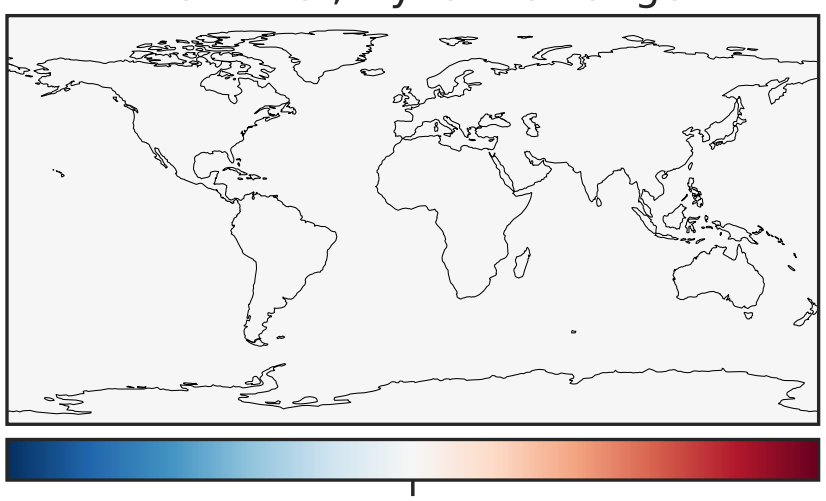
1

gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0



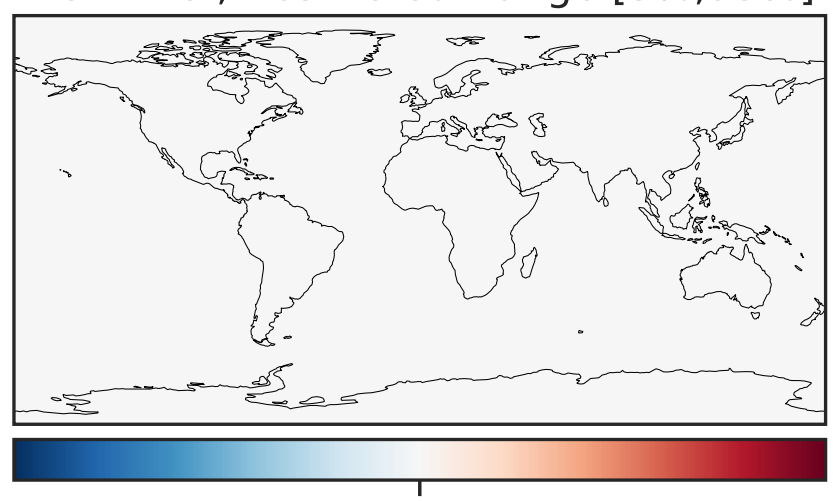
1

Difference
Dev - Ref, Dynamic Range



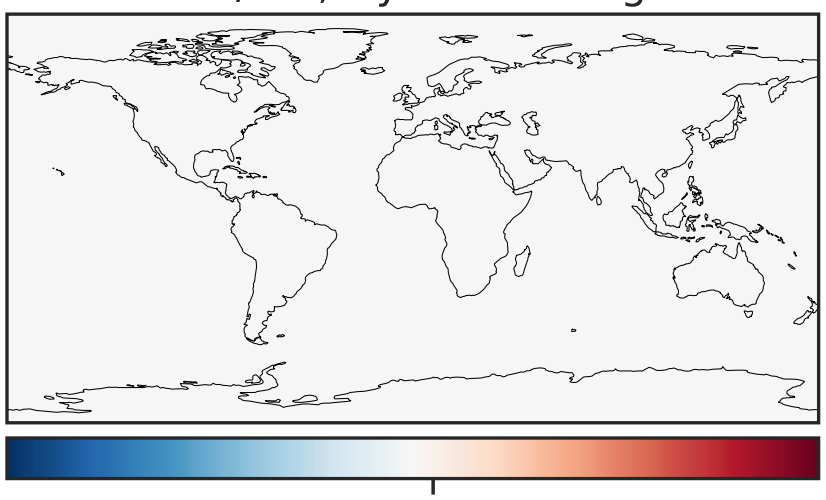
Zero throughout domain
1

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



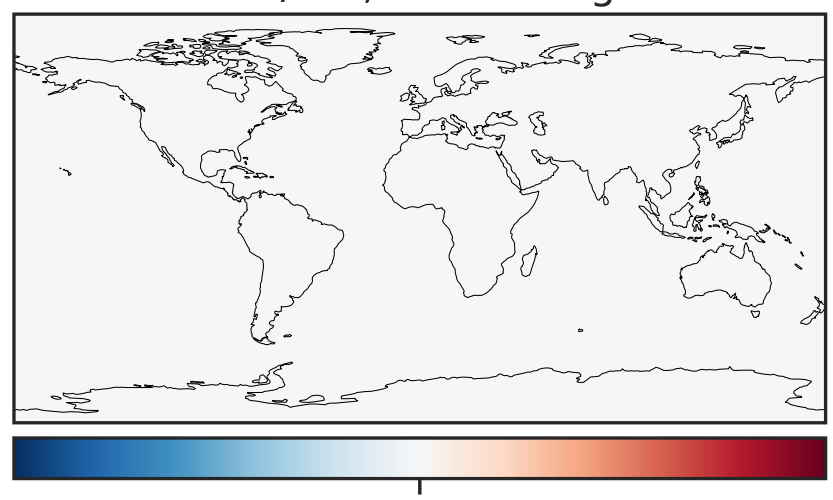
Zero throughout domain
1

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

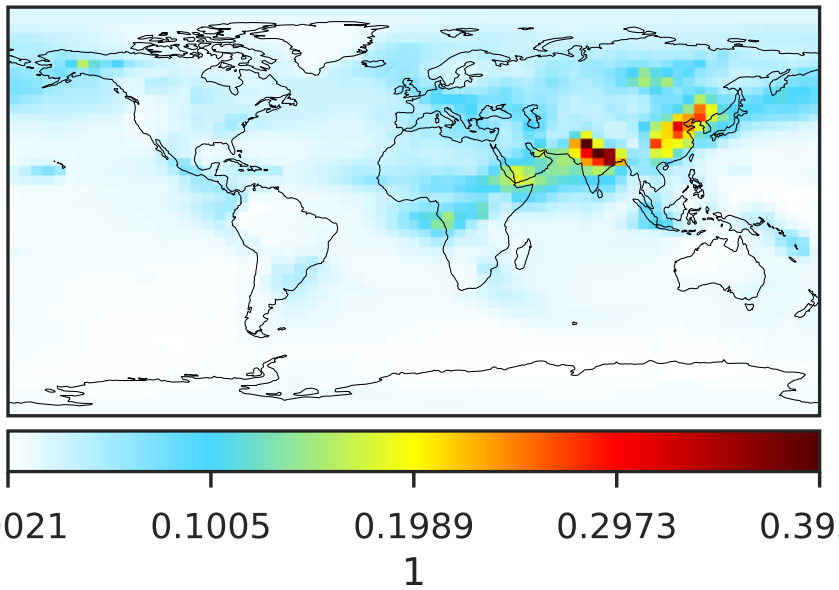
Ratio
Dev/Ref, Fixed Range



Ref and Dev equal throughout domain
unitless

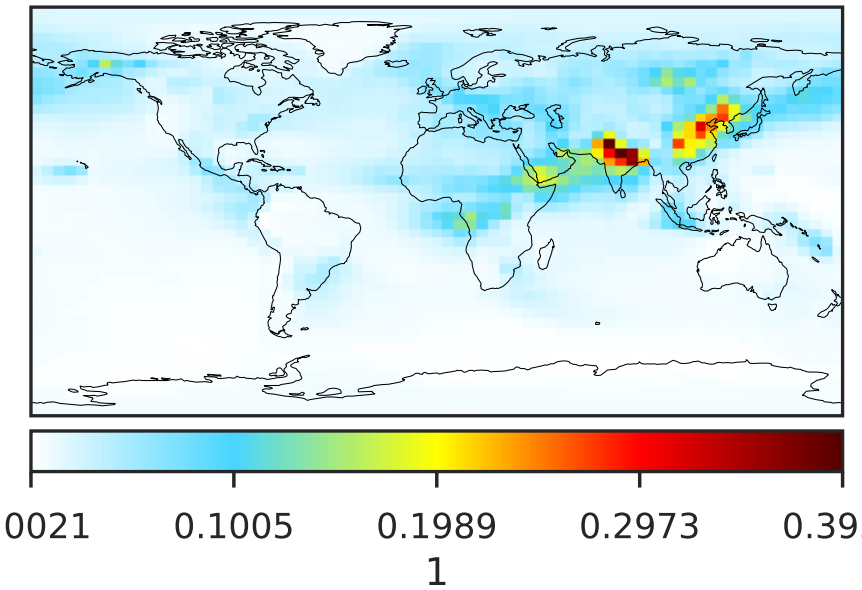
Column_AOD_SO4

gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0



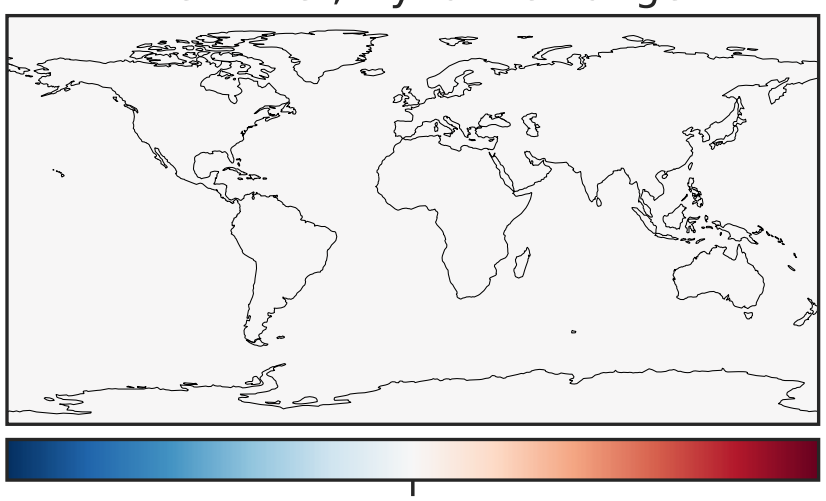
1

gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0



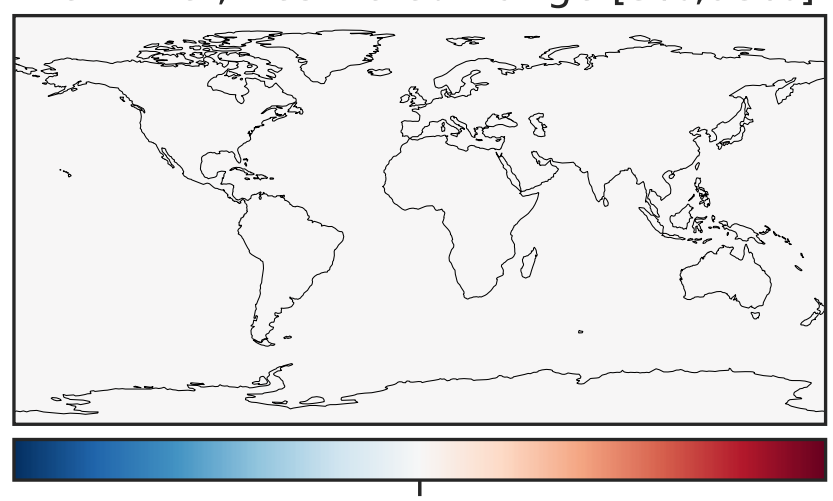
1

Difference
Dev - Ref, Dynamic Range



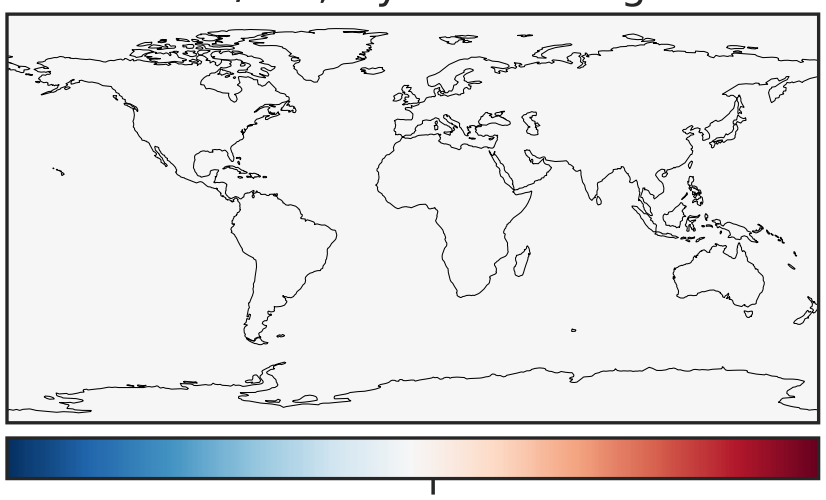
Zero throughout domain
1

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



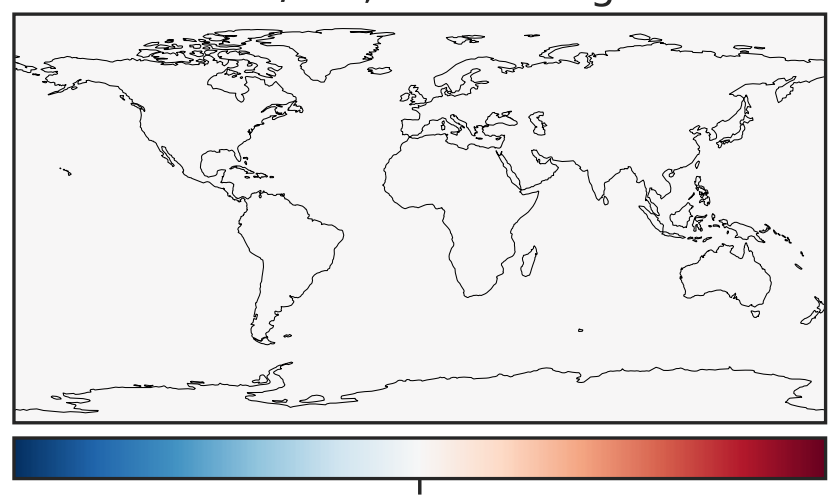
Zero throughout domain
1

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

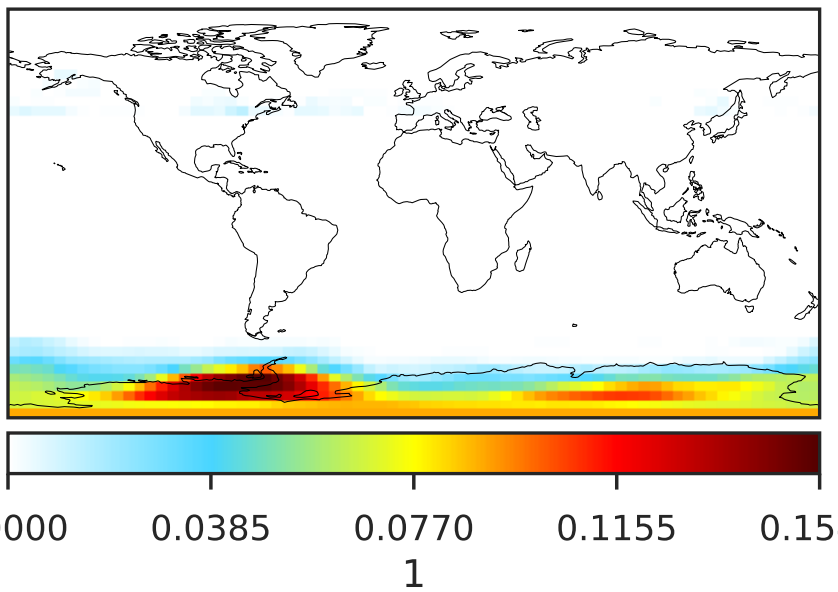
Ratio
Dev/Ref, Fixed Range



Ref and Dev equal throughout domain
unitless

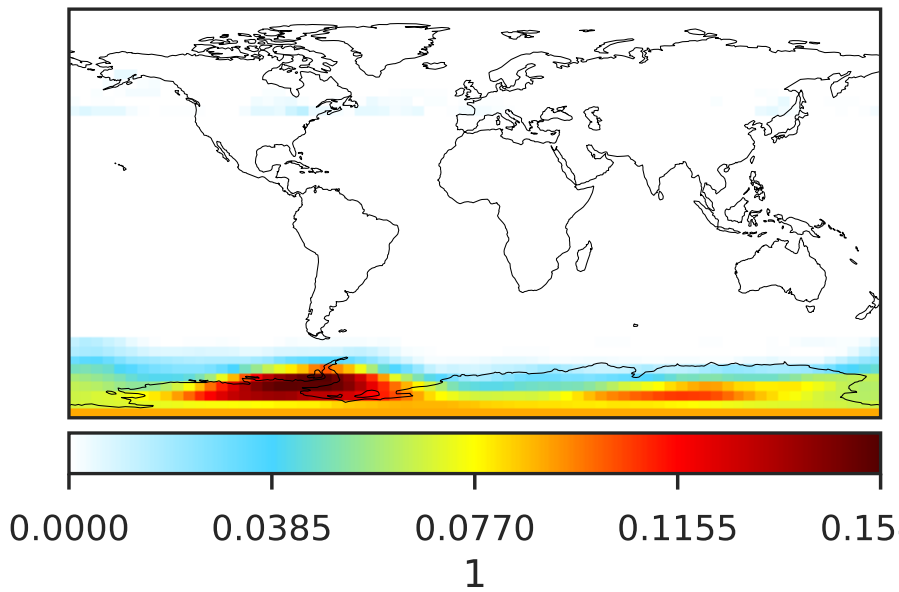
Column_AOD_Polar_Strat_Cloud

gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0



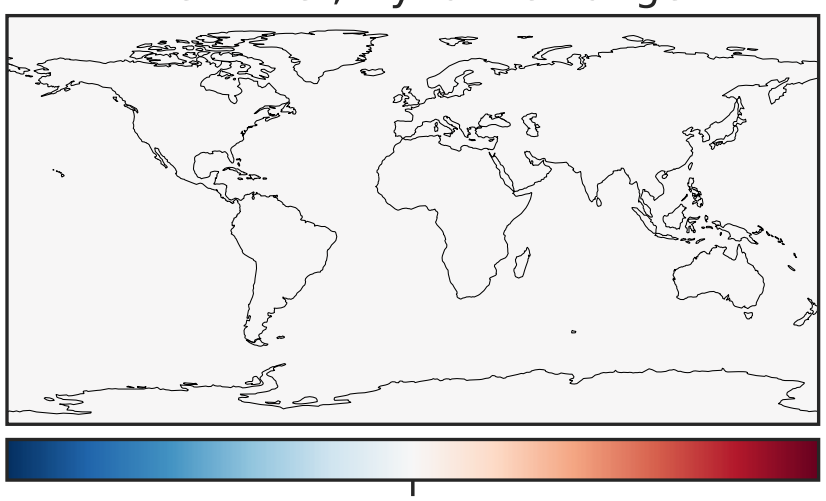
1

gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0



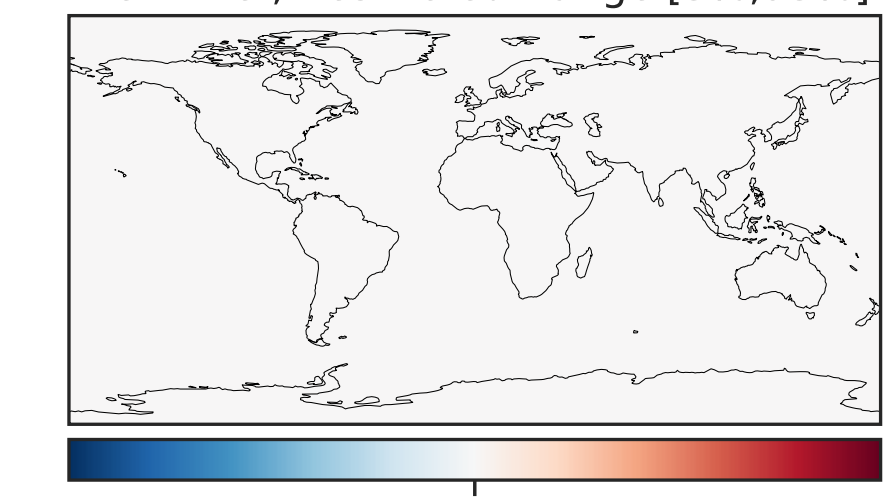
1

Difference
Dev - Ref, Dynamic Range



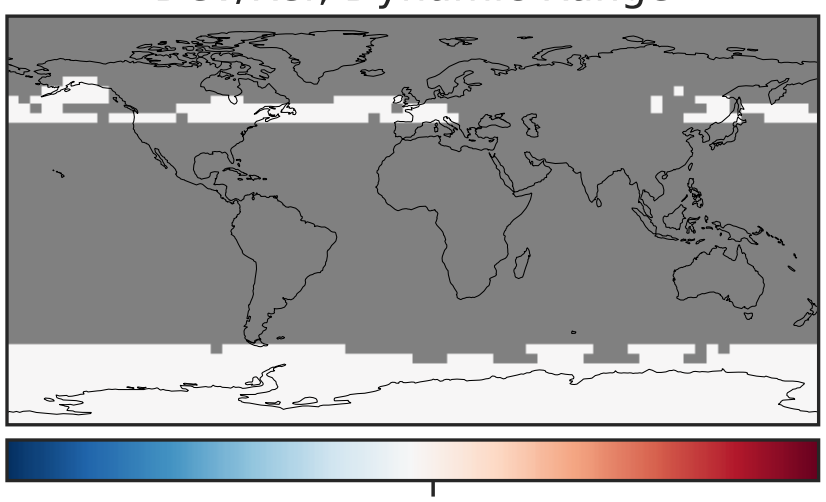
Zero throughout domain
1

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



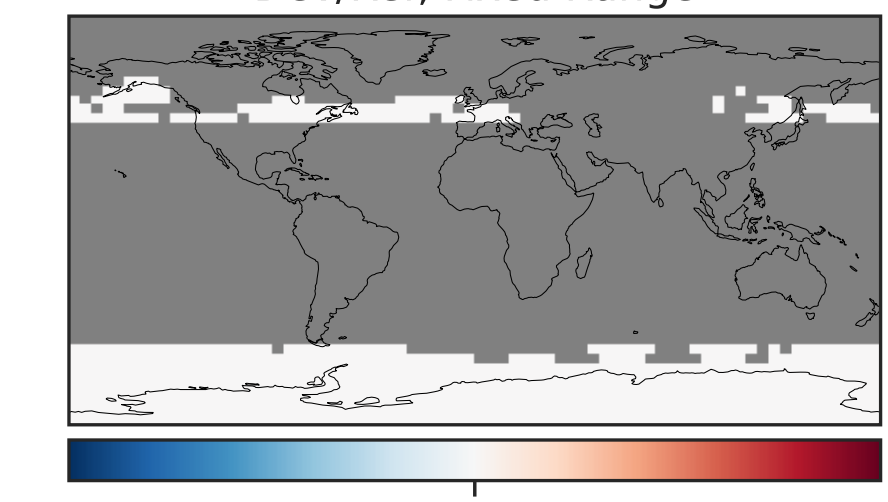
Zero throughout domain
1

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

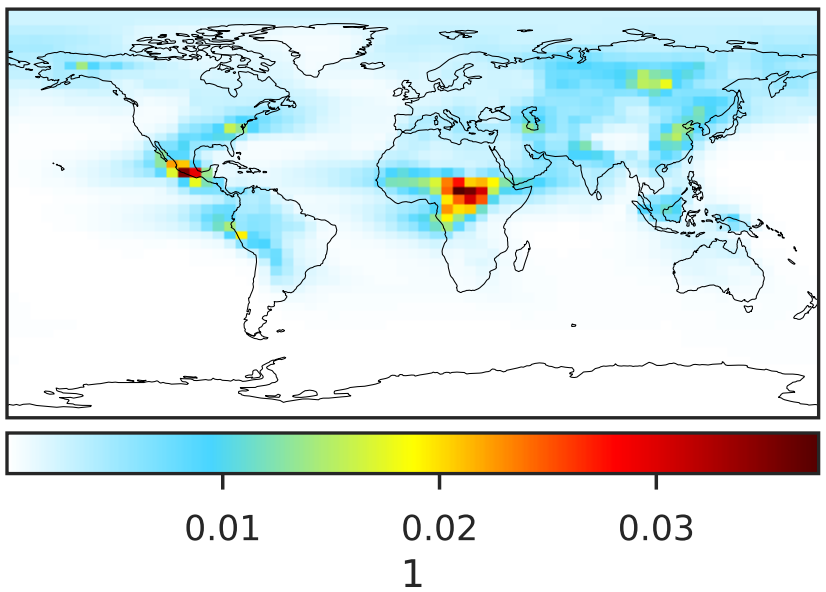
Ratio
Dev/Ref, Fixed Range



Ref and Dev equal throughout domain
unitless

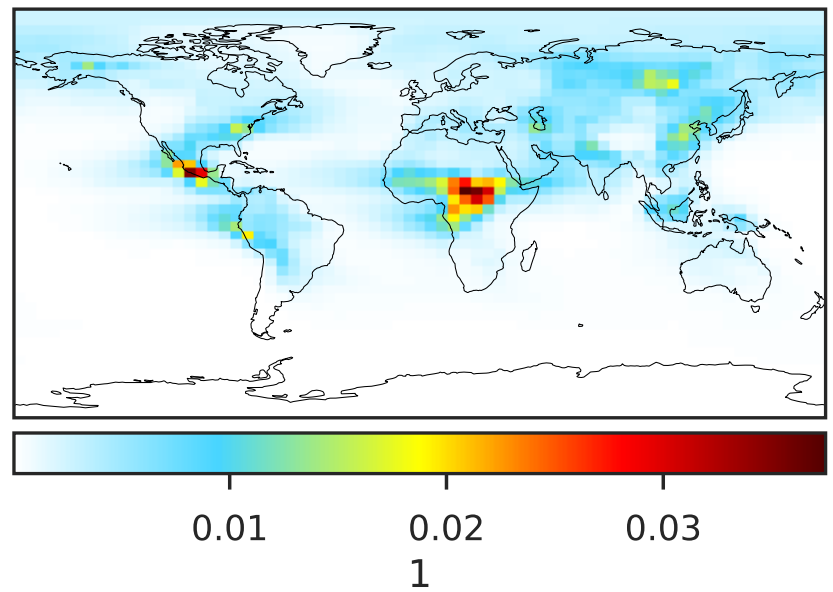
Column_AOD_SOA_from_Aqueous_ISOP

gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0



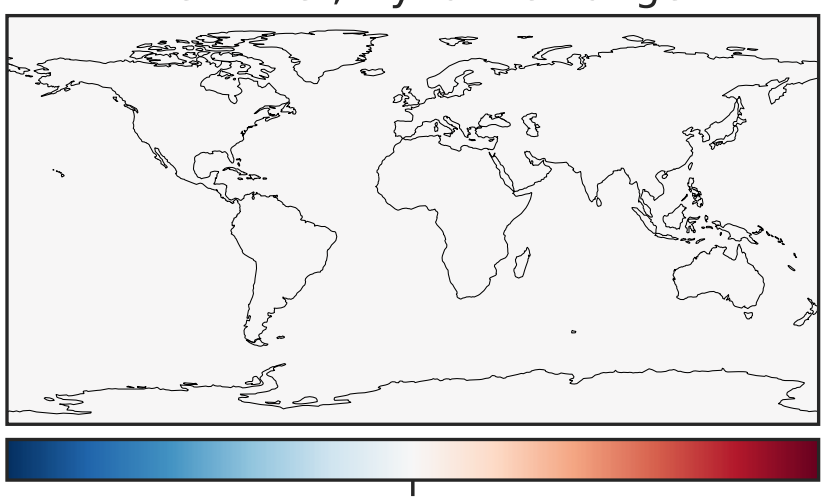
1

gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0



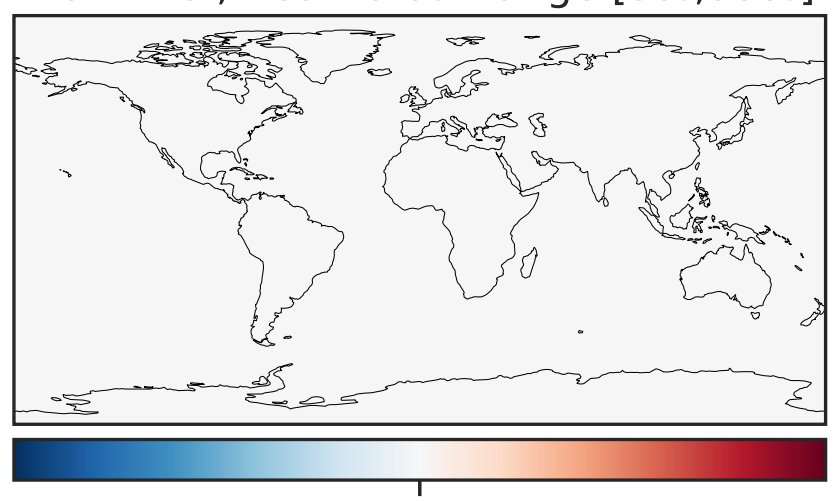
1

Difference
Dev - Ref, Dynamic Range



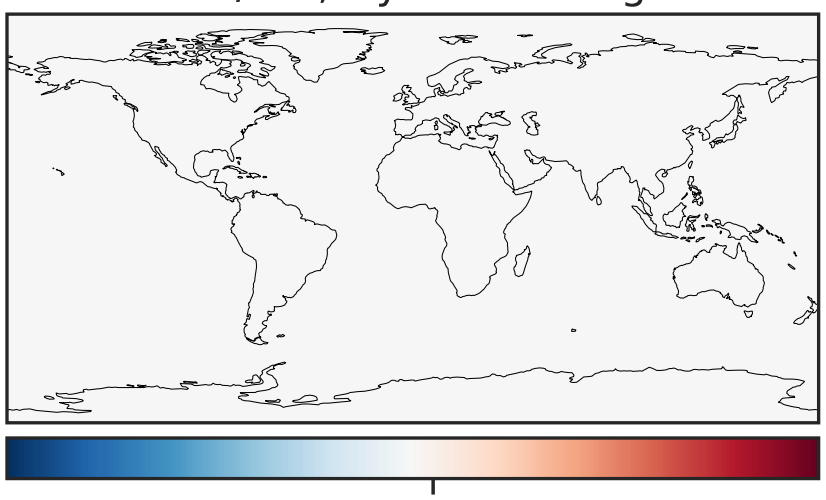
Zero throughout domain
1

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



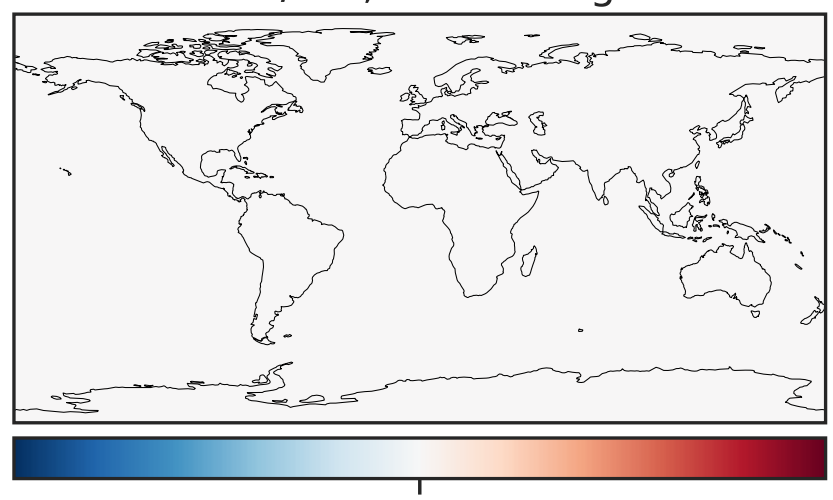
Zero throughout domain
1

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

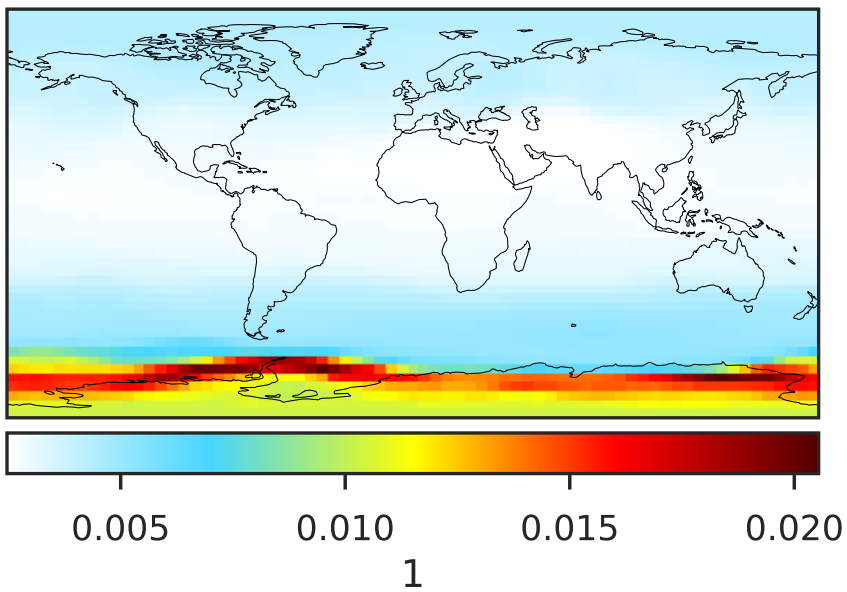
Ratio
Dev/Ref, Fixed Range



Ref and Dev equal throughout domain
unitless

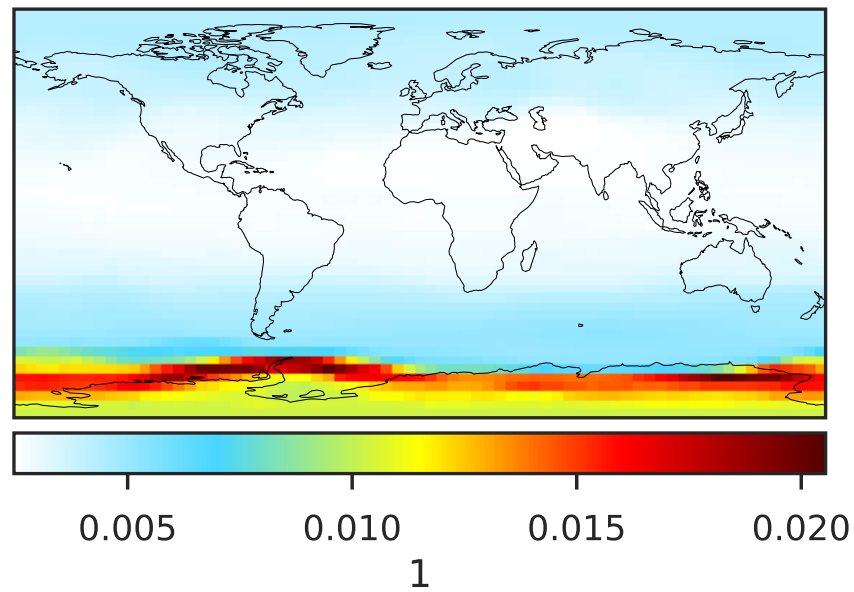
Column_AOD_Strat_Liquid_Aerosol

gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0



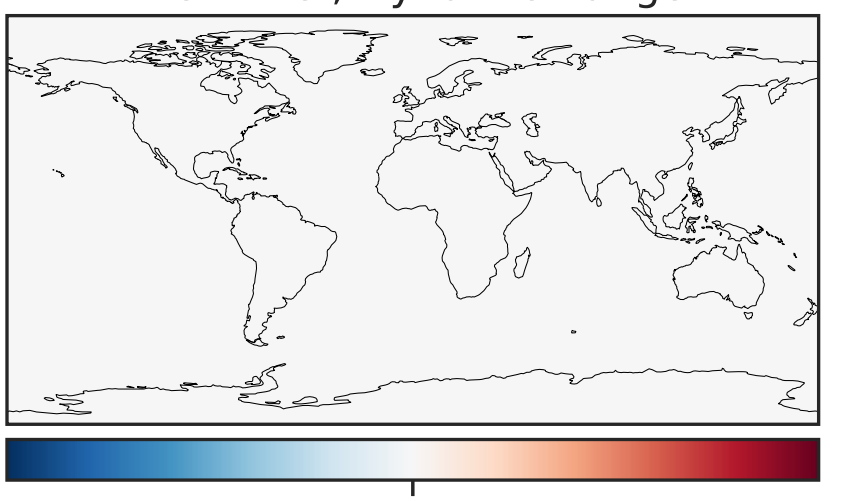
1

gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0



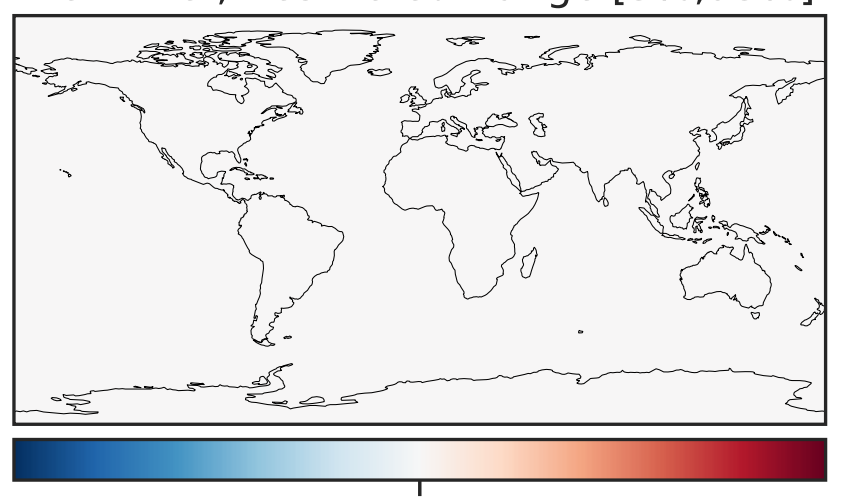
1

Difference
Dev - Ref, Dynamic Range



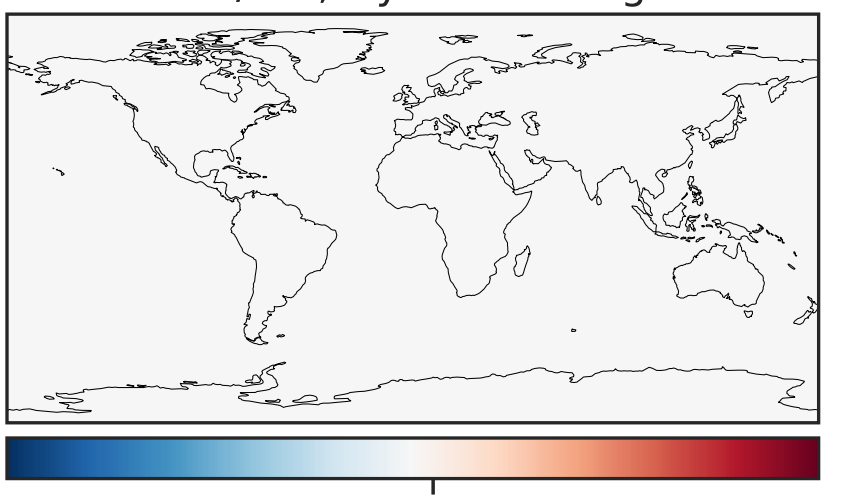
Zero throughout domain
1

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



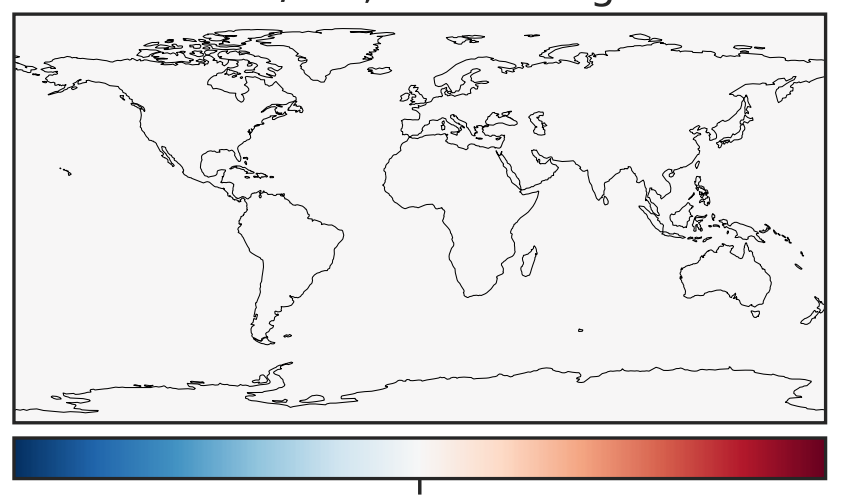
Zero throughout domain
1

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

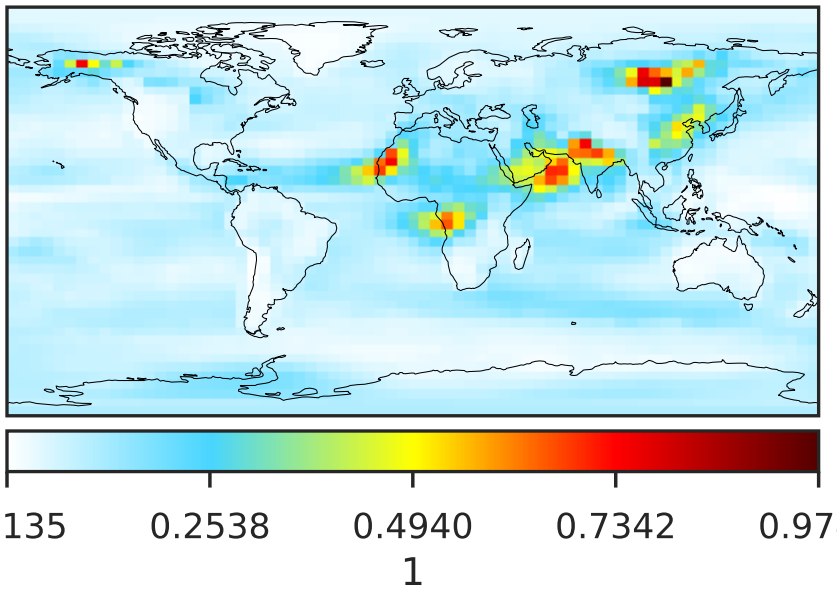
Ratio
Dev/Ref, Fixed Range



Ref and Dev equal throughout domain
unitless

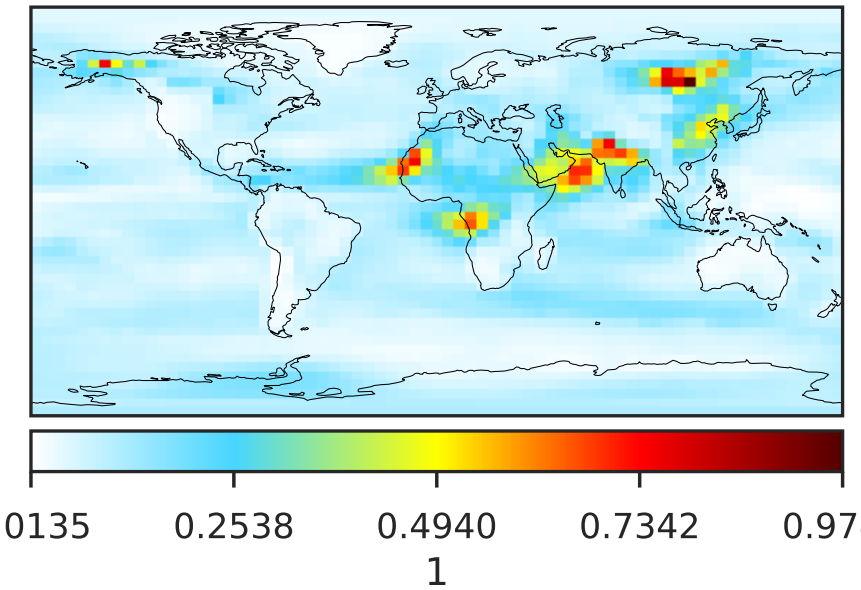
Column_AOD_Total

gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0



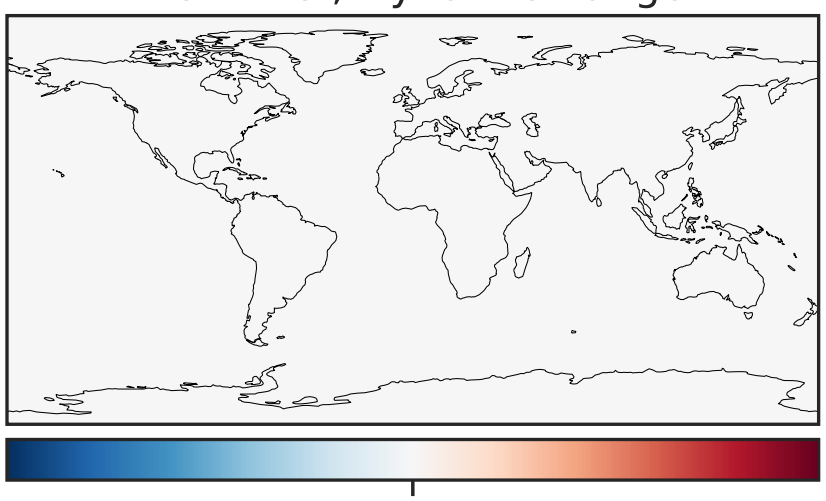
0.0135 0.2538 0.4940 0.7342 0.9745
1

gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0



0.0135 0.2538 0.4940 0.7342 0.9745
1

Difference
Dev - Ref, Dynamic Range



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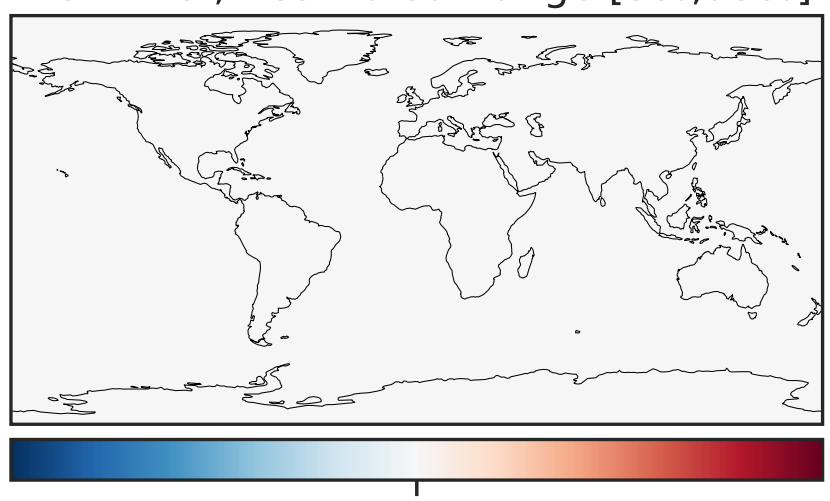
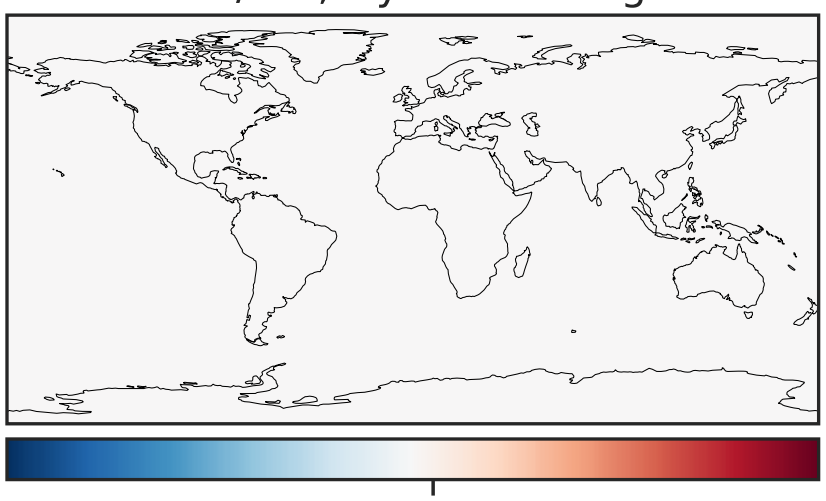
Difference
Dev - Ref, Restricted Range [5%,95%]



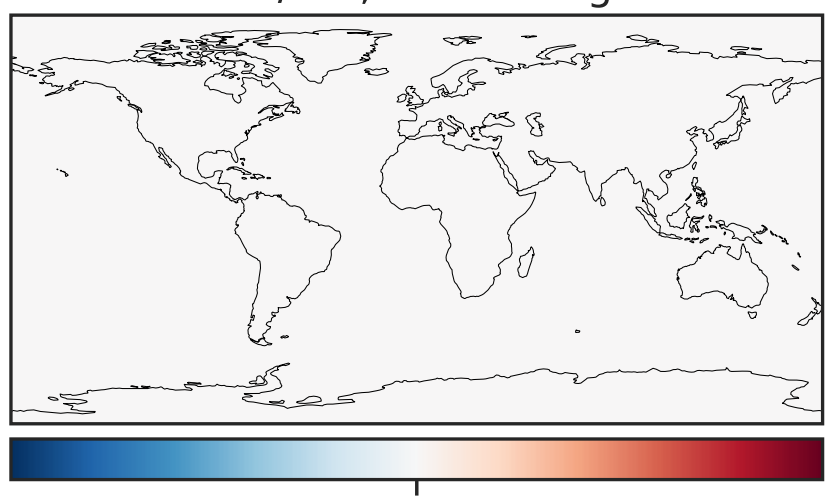
Zero throughout domain
1

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

Ratio
Dev/Ref, Fixed Range



Ref and Dev equal throughout domain
unitless