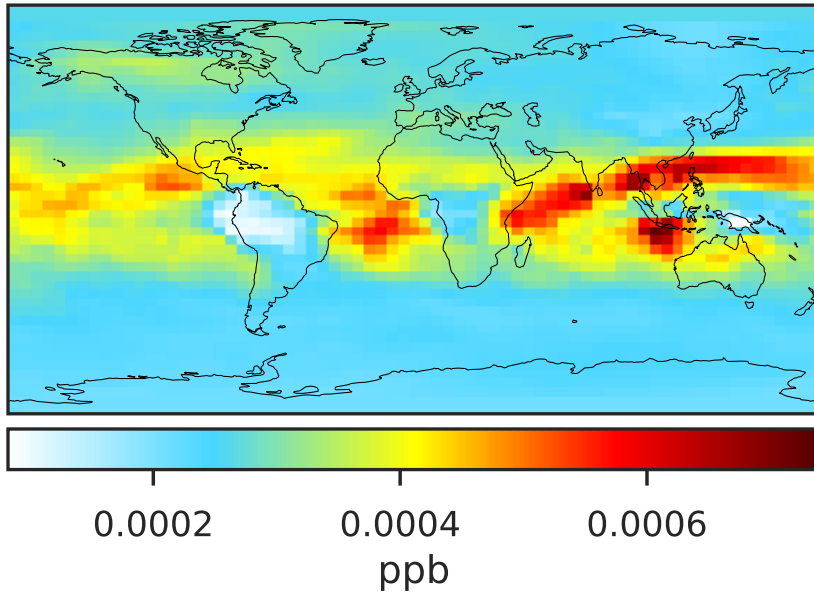
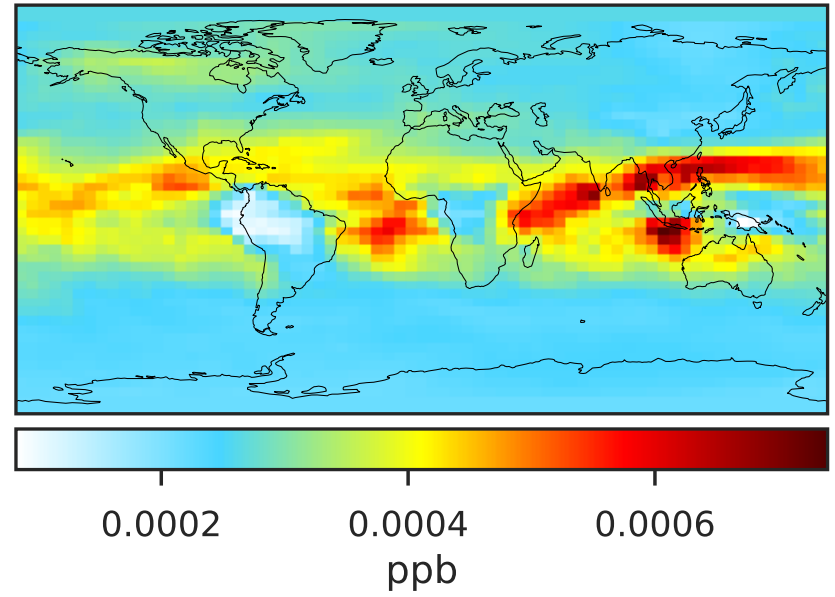


SpeciesConcVV_Iy (Apr2019)

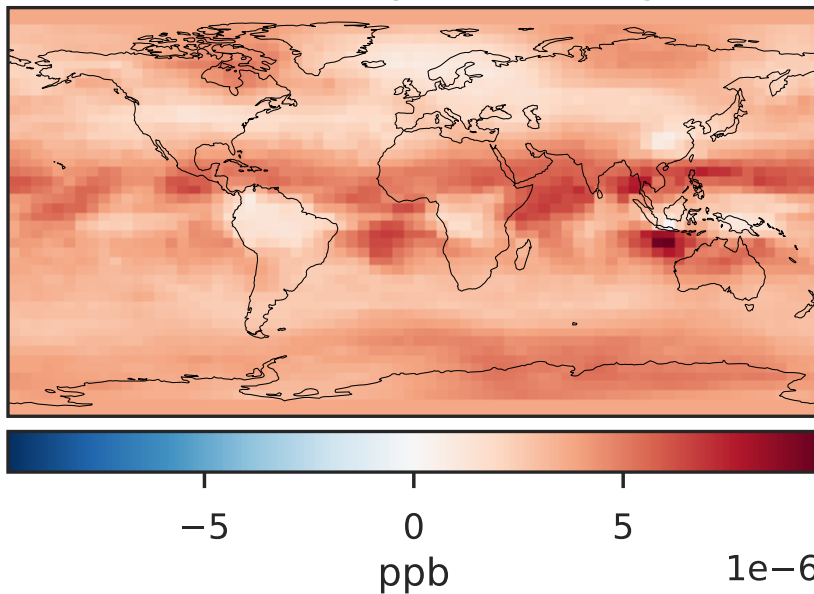
14.2.0-rc.2 (Ref)
4.0x5.0



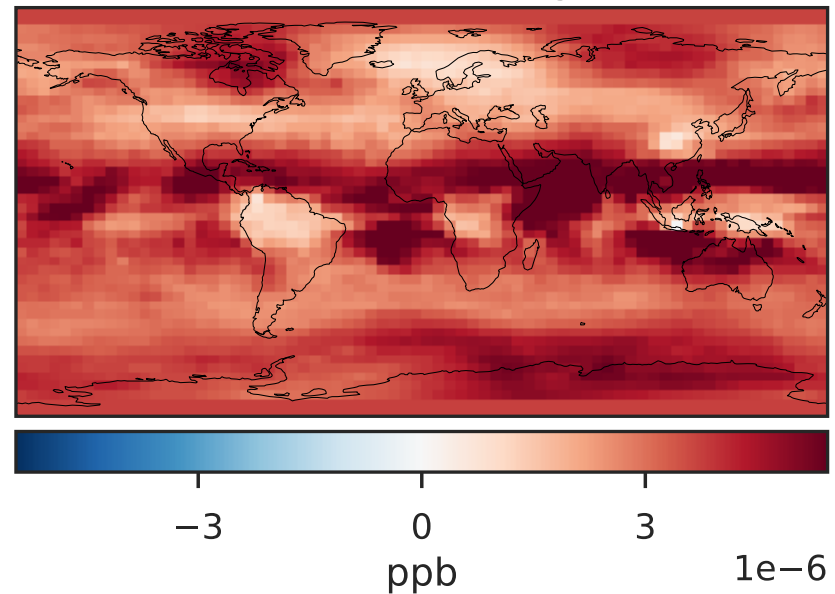
14.3.0-rc.0 (Dev)
4.0x5.0



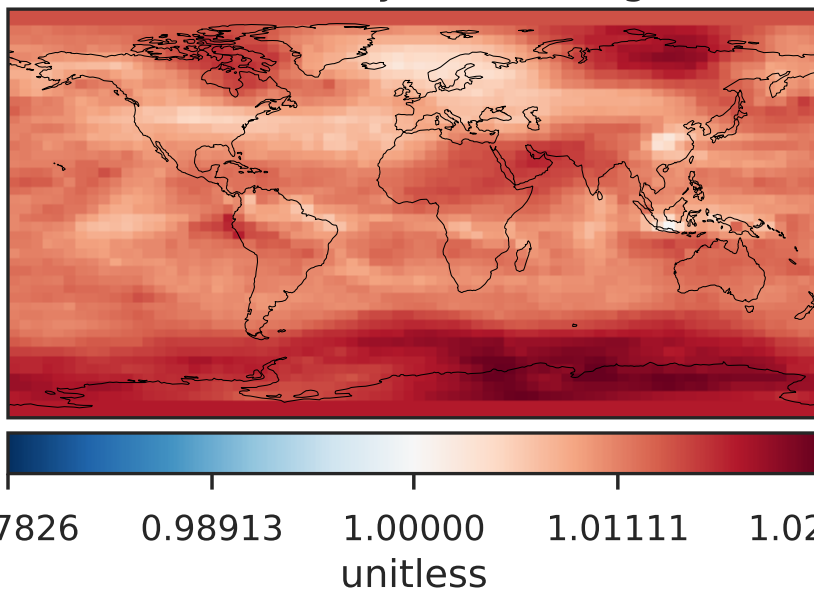
Difference
Dev - Ref, Dynamic Range



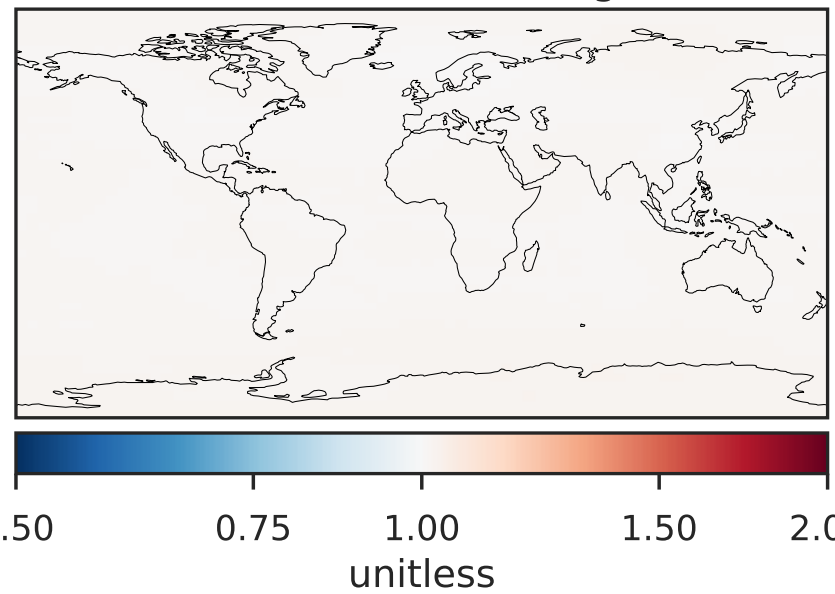
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

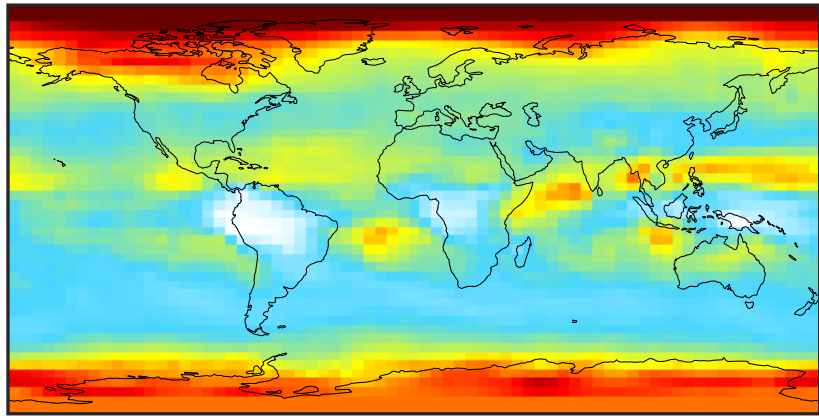


Ratio
Dev/Ref, Fixed Range



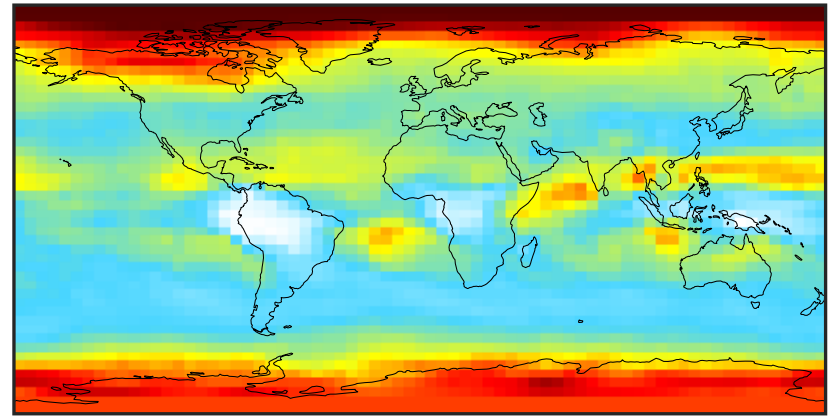
SpeciesConcVV_IxOy (Apr2019)

14.2.0-rc.2 (Ref)
4.0x5.0



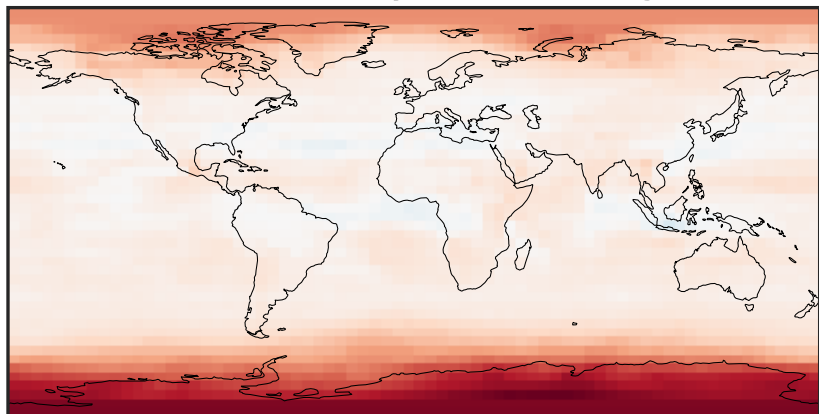
0.00003 0.00006 0.00009 0.00012
ppb

14.3.0-rc.0 (Dev)
4.0x5.0



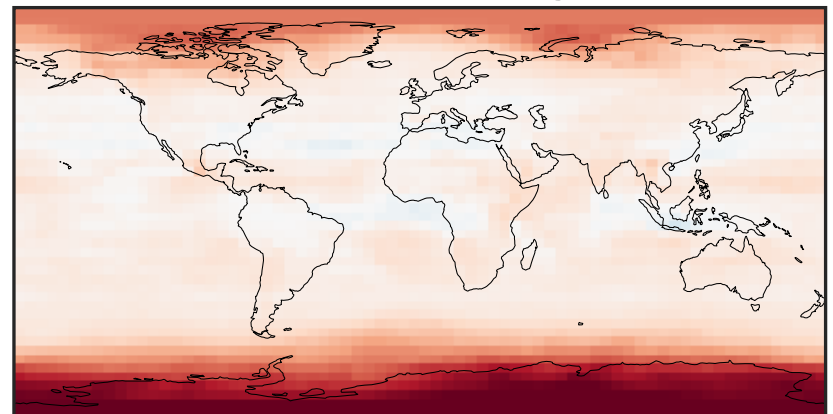
0.00003 0.00006 0.00009 0.00012
ppb

Difference
Dev - Ref, Dynamic Range



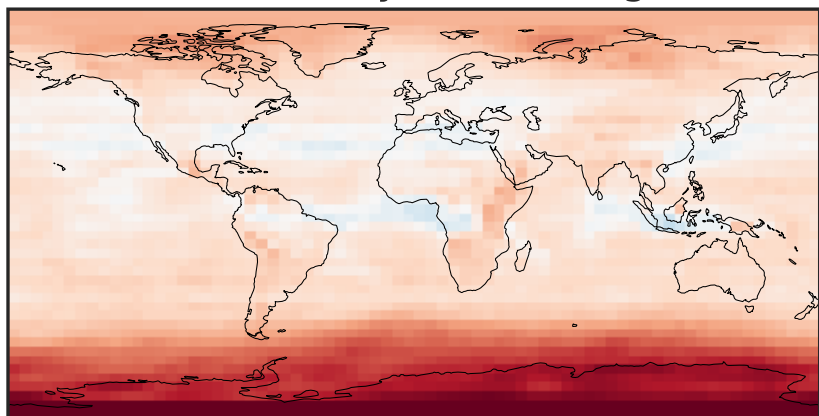
-4 0 4
ppb $1e-6$

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



-3 0 3
ppb $1e-6$

Ratio
Dev/Ref, Dynamic Range



0.9353 0.9676 1.000 1.0346 1.0692
unitless

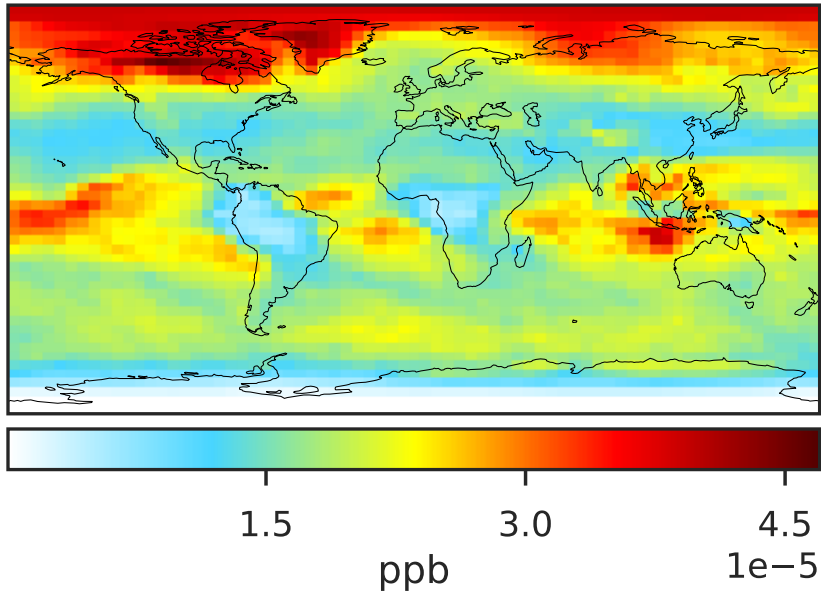
Ratio
Dev/Ref, Fixed Range



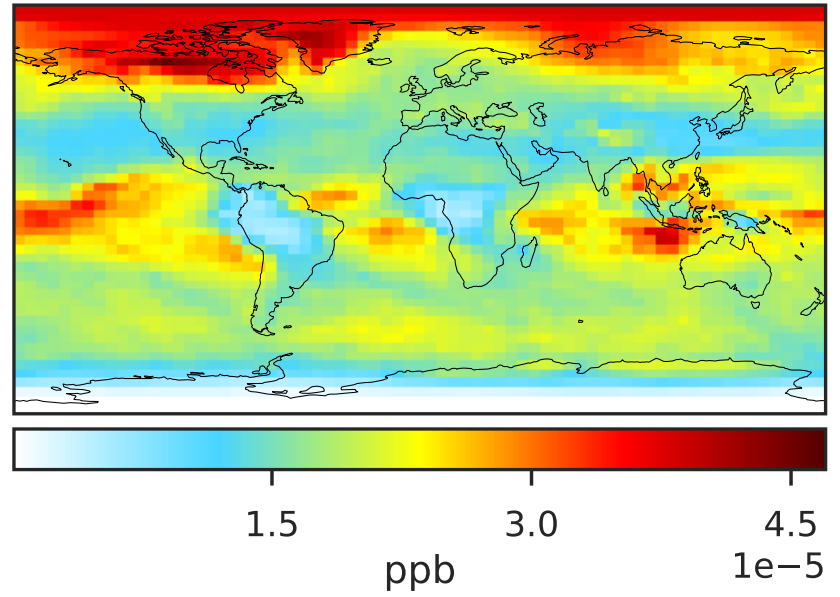
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVW_I (Apr2019)

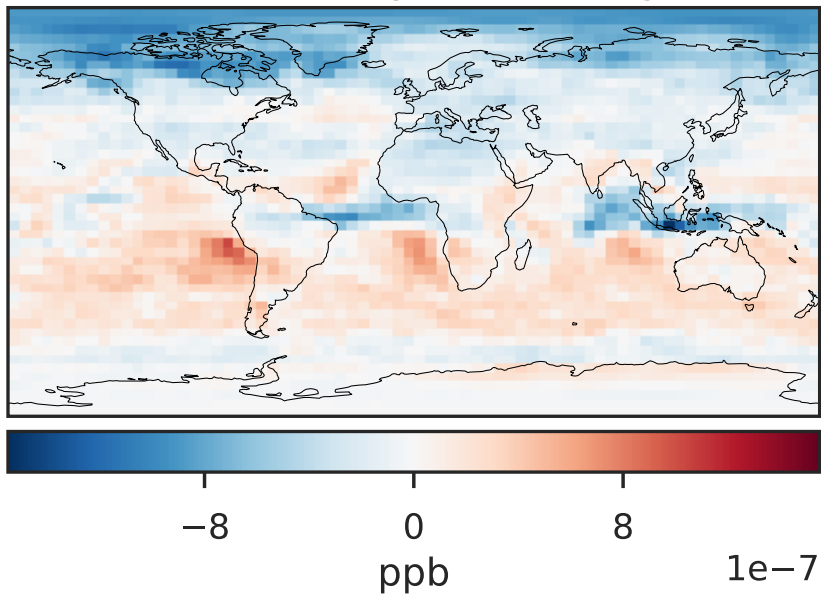
14.2.0-rc.2 (Ref)
4.0x5.0



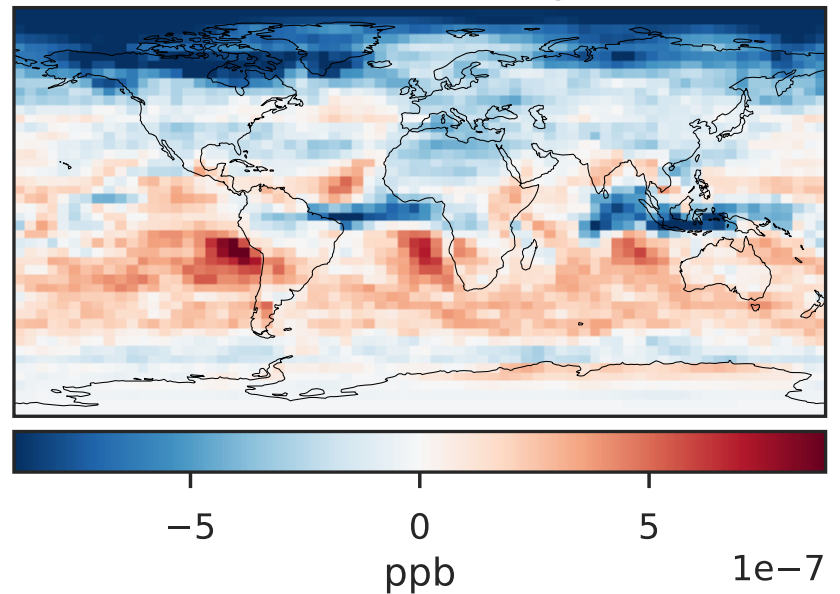
14.3.0-rc.0 (Dev)
4.0x5.0



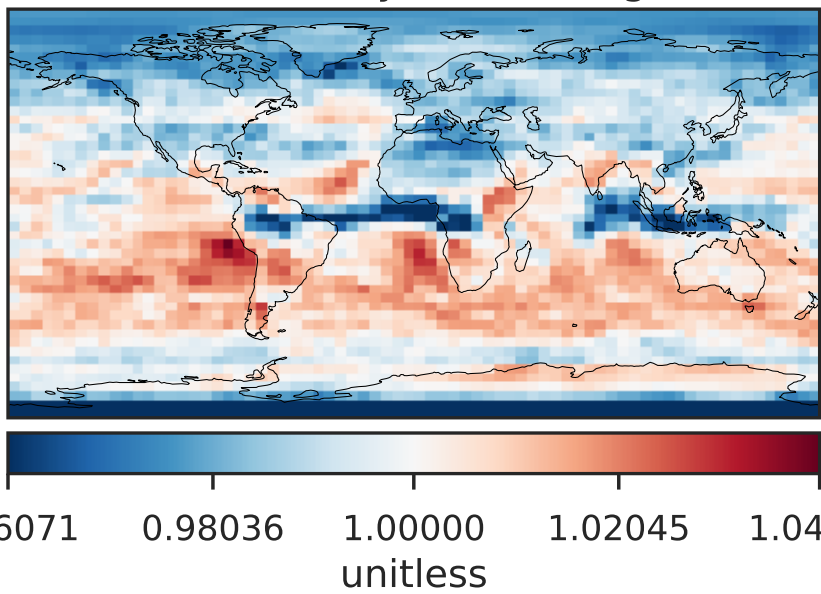
Difference
Dev - Ref, Dynamic Range



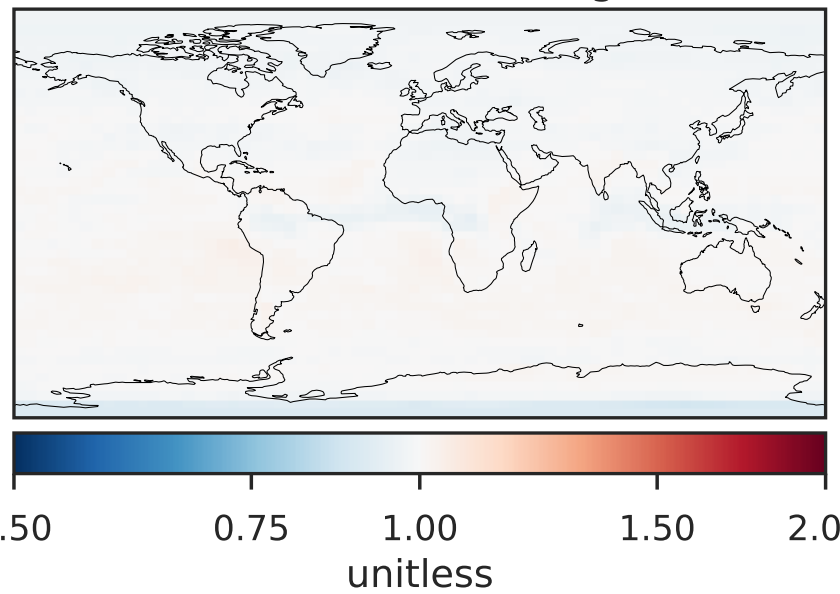
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

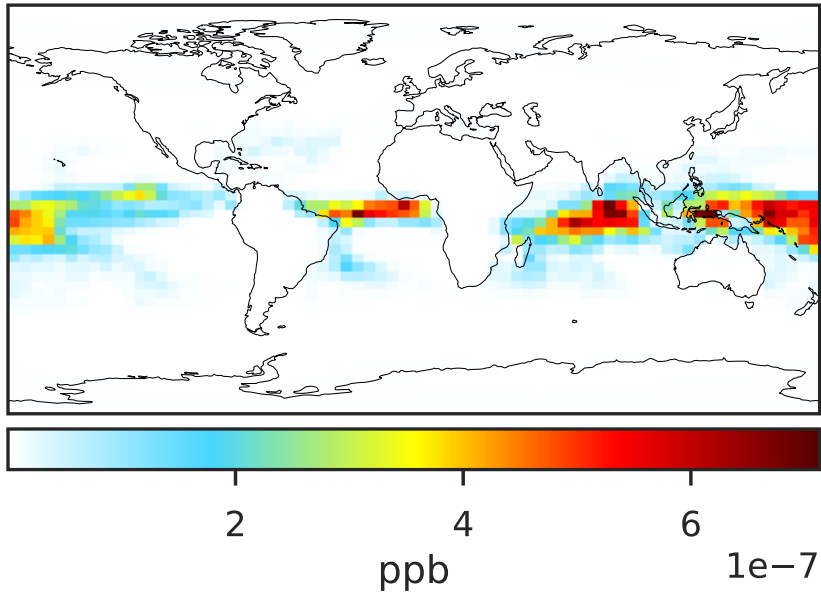


Ratio
Dev/Ref, Fixed Range

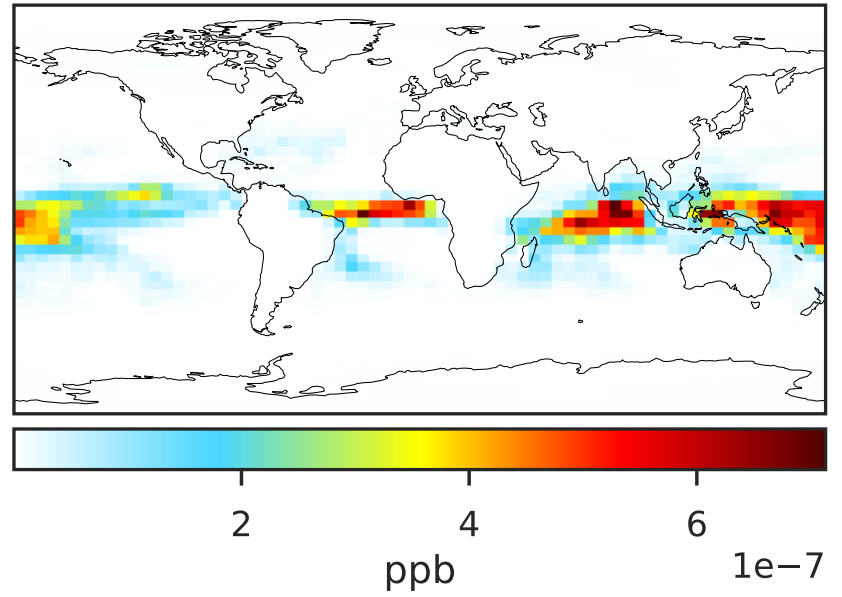


SpeciesConcVV_I2 (Apr2019)

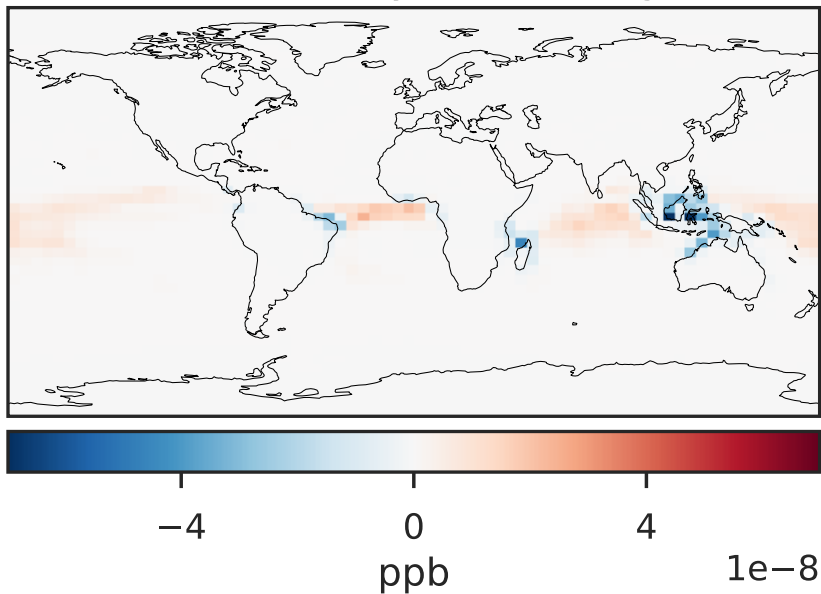
14.2.0-rc.2 (Ref)
4.0x5.0



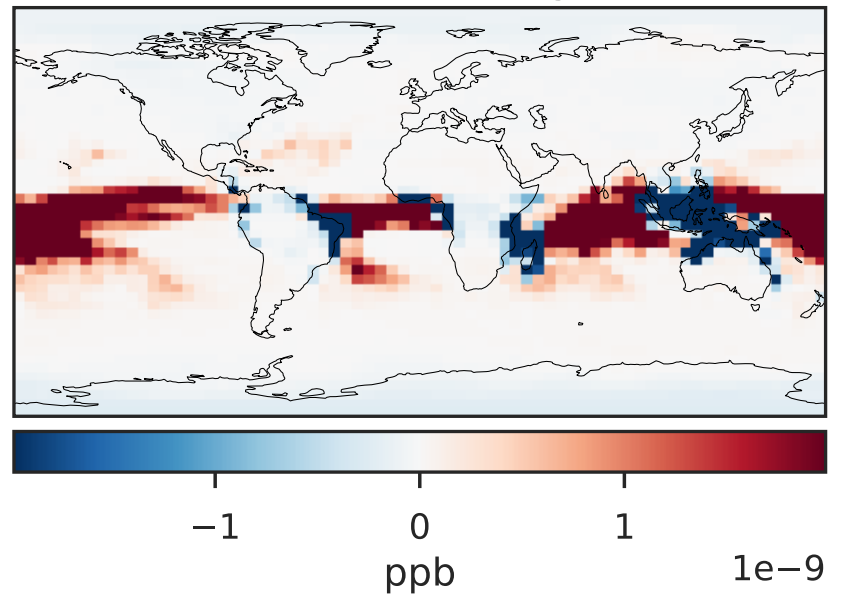
14.3.0-rc.0 (Dev)
4.0x5.0



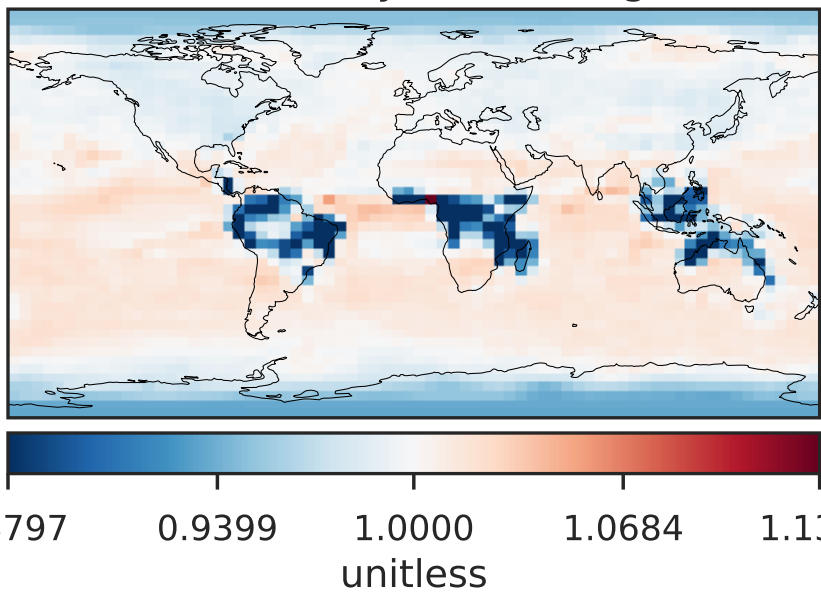
Difference
Dev - Ref, Dynamic Range



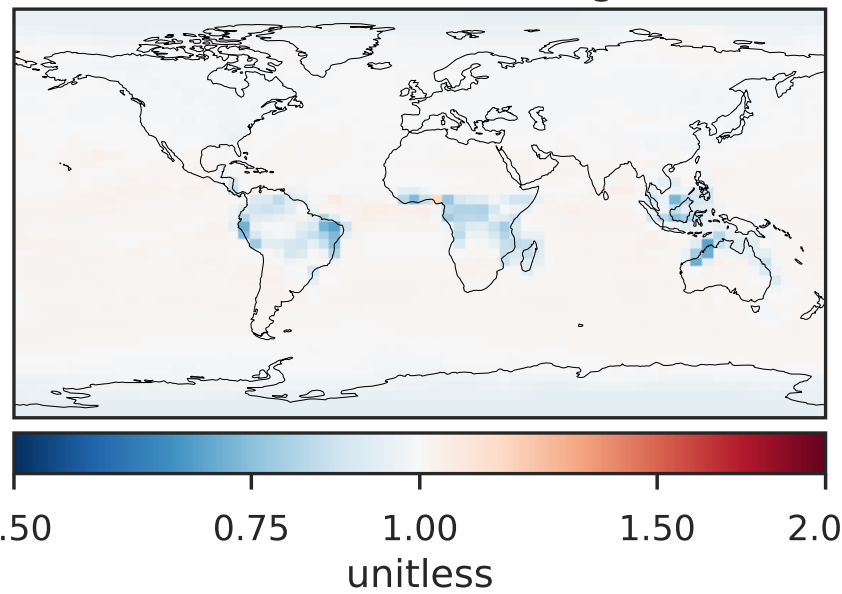
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

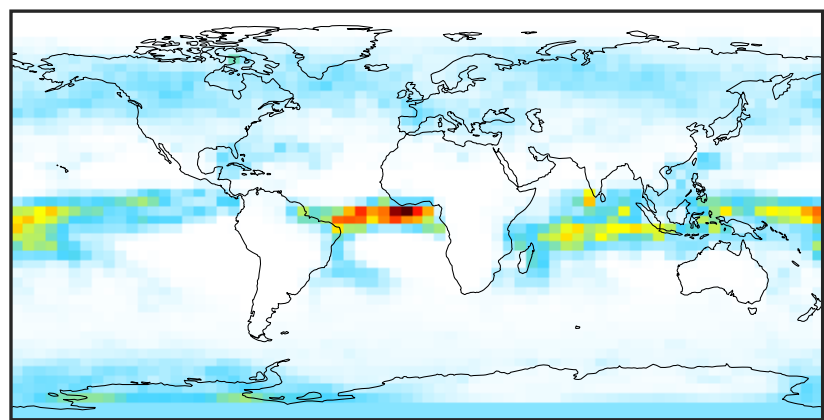


Ratio
Dev/Ref, Fixed Range



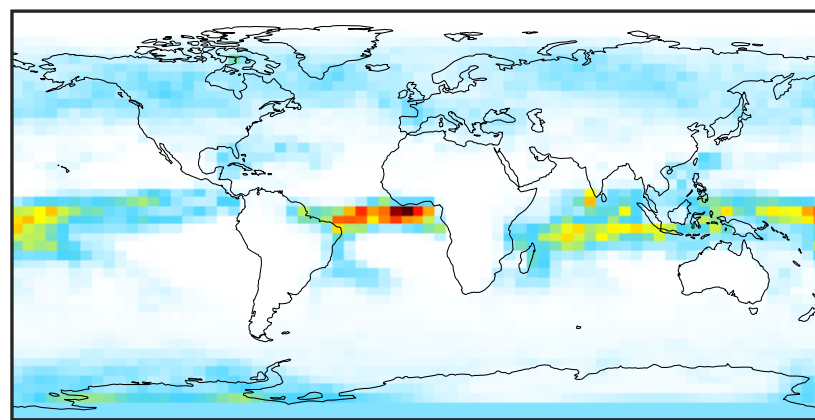
SpeciesConcVV_IBr (Apr2019)

14.2.0-rc.2 (Ref)
4.0x5.0



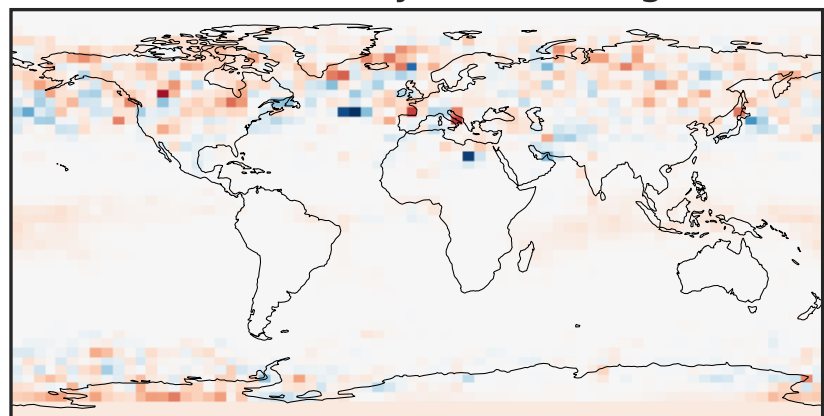
0.8 1.6 2.4
ppb $1e-6$

14.3.0-rc.0 (Dev)
4.0x5.0



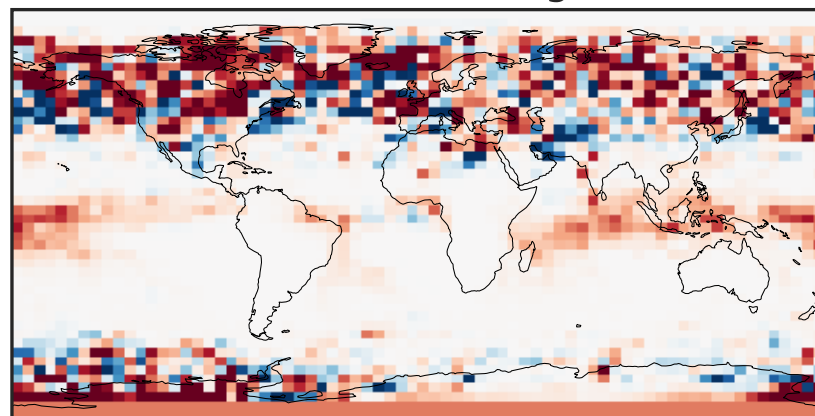
0.8 1.6 2.4
ppb $1e-6$

Difference
Dev - Ref, Dynamic Range



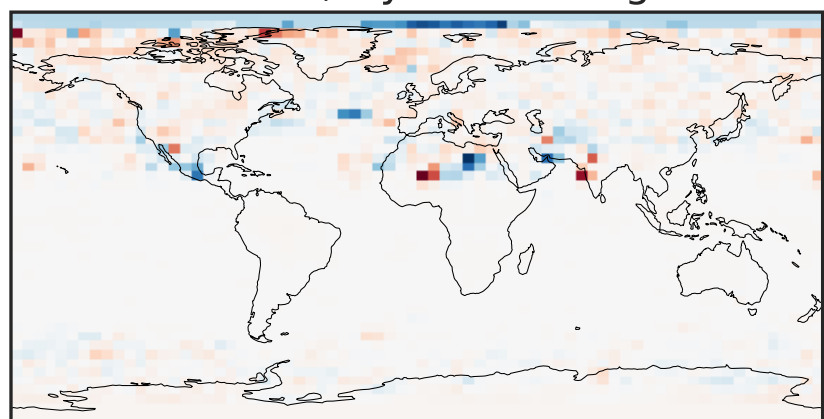
-8 0 8
ppb $1e-8$

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



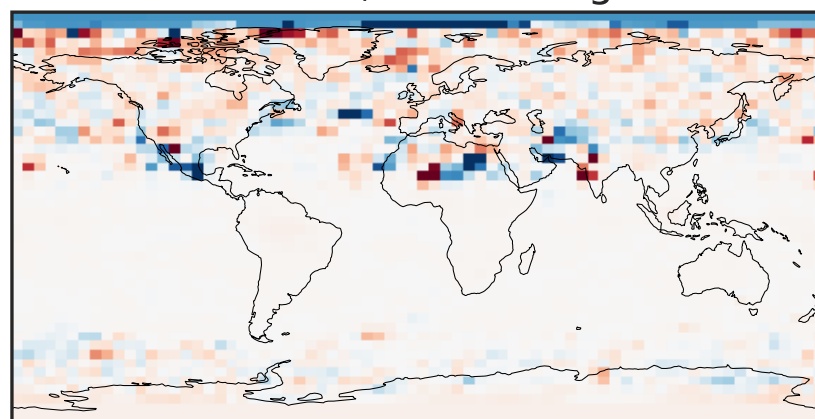
-1.5 0.0 1.5
ppb $1e-8$

Ratio
Dev/Ref, Dynamic Range



0.220 0.610 1.000 2.768 4.537
unitless

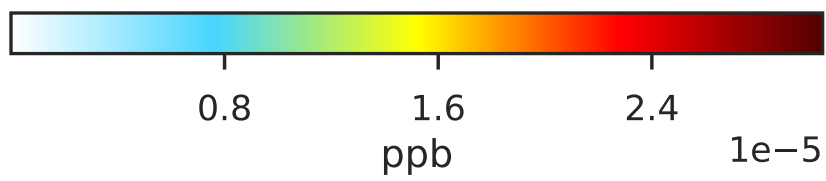
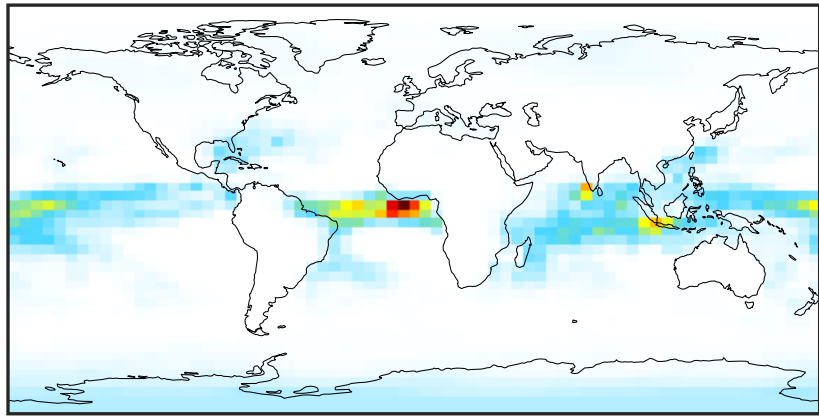
Ratio
Dev/Ref, Fixed Range



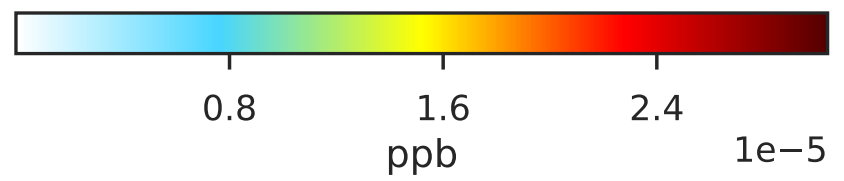
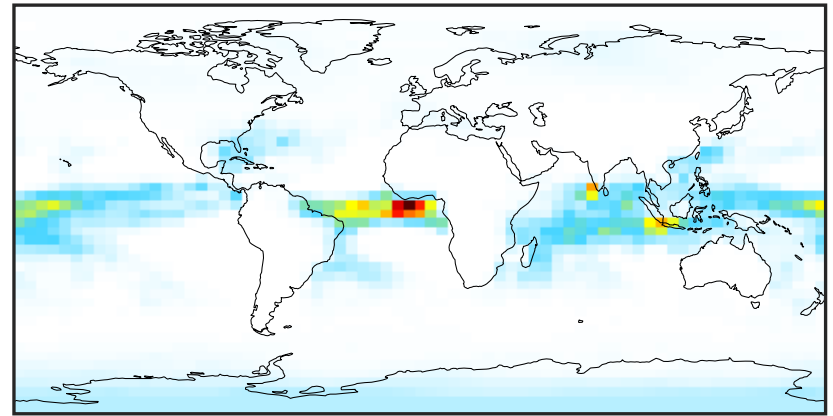
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVW_ICI (Apr2019)

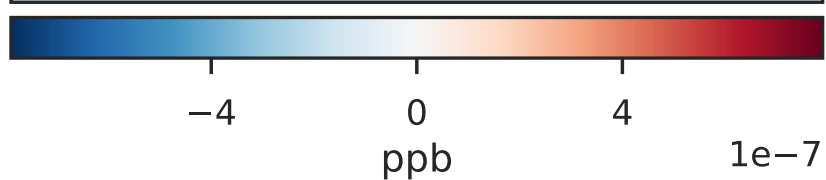
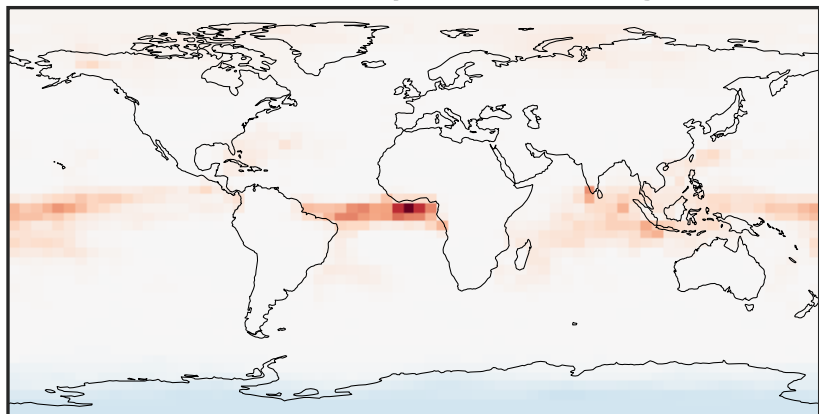
14.2.0-rc.2 (Ref)
4.0x5.0



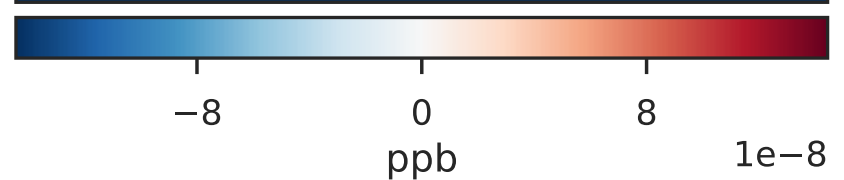
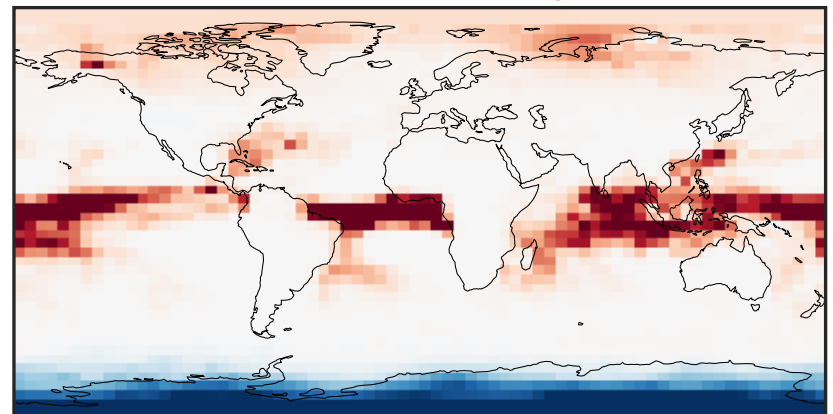
14.3.0-rc.0 (Dev)
4.0x5.0



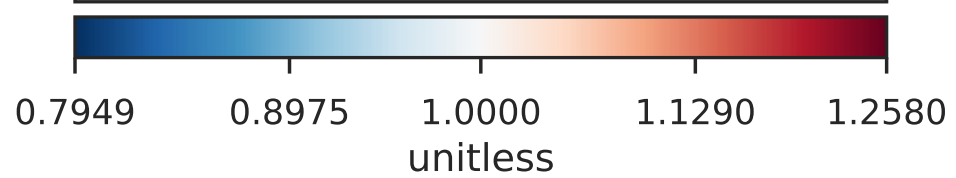
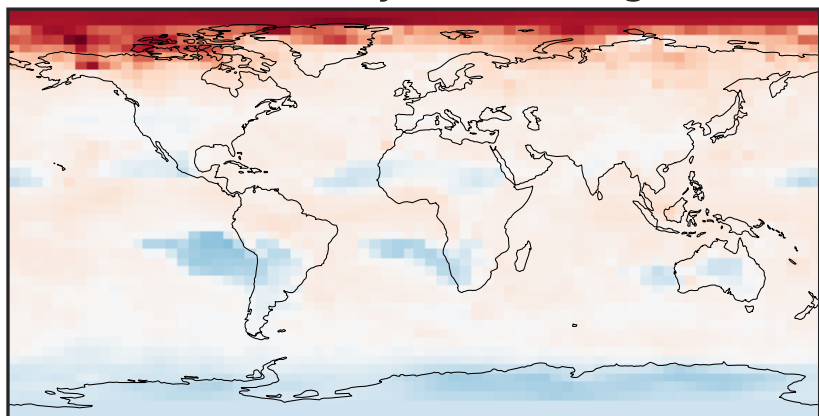
Difference
Dev - Ref, Dynamic Range



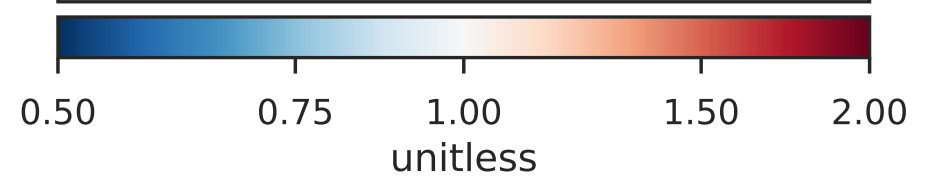
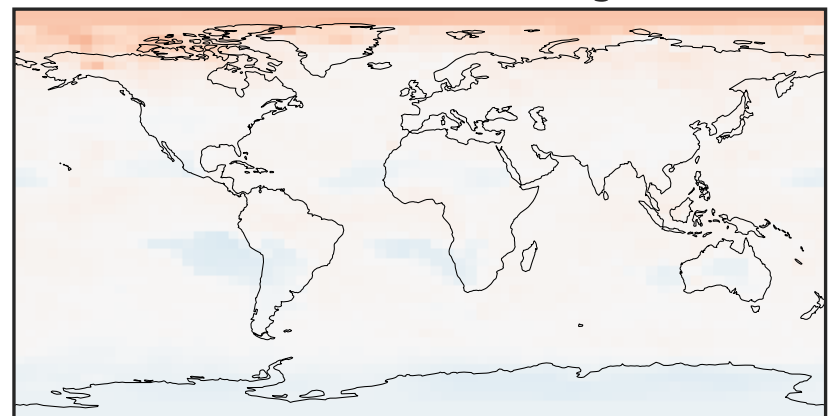
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

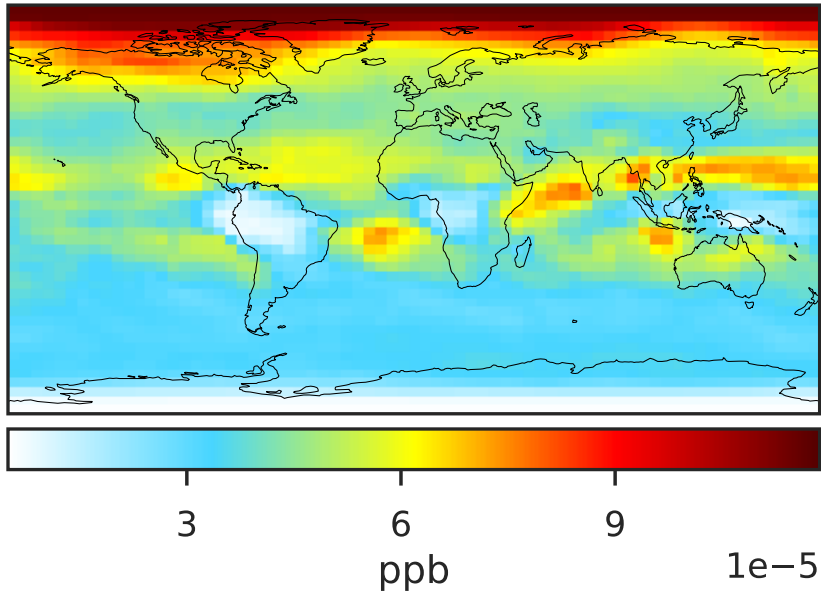


Ratio
Dev/Ref, Fixed Range

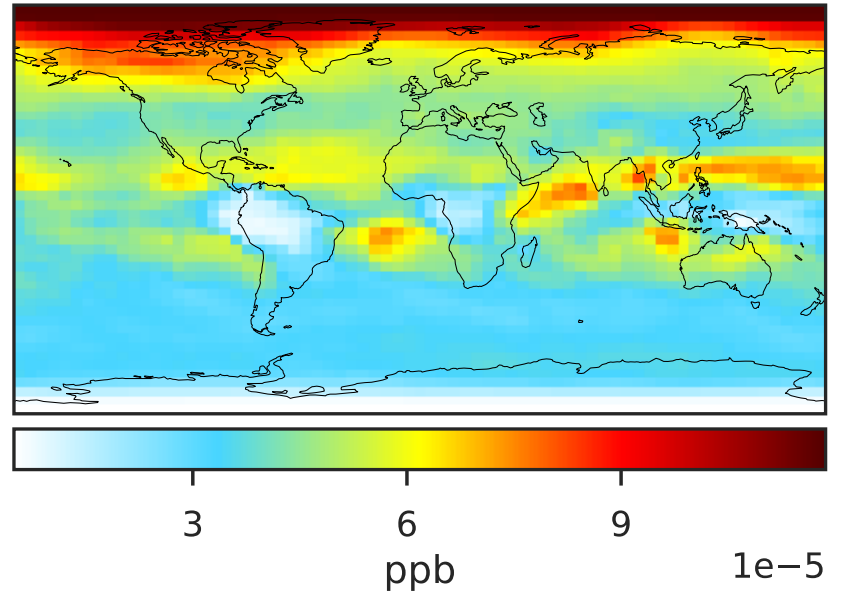


SpeciesConcVV_IO (Apr2019)

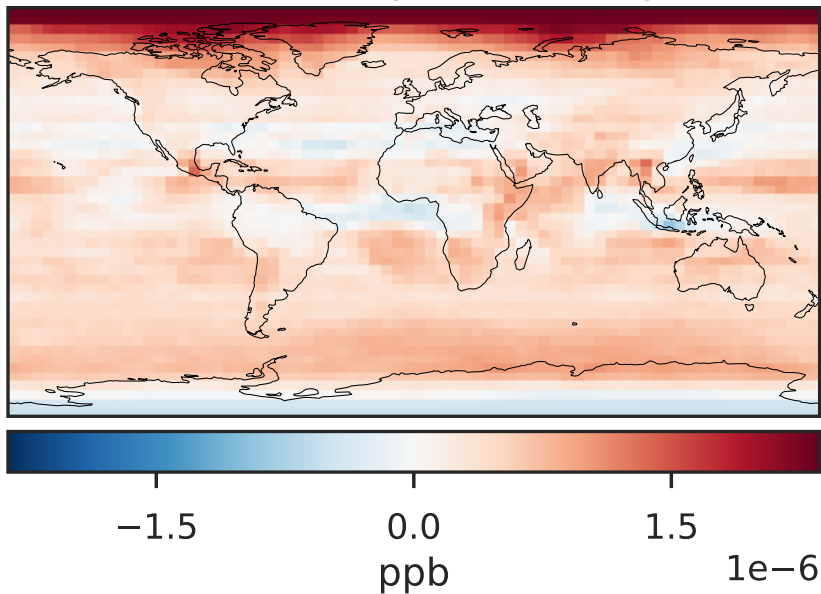
14.2.0-rc.2 (Ref)
4.0x5.0



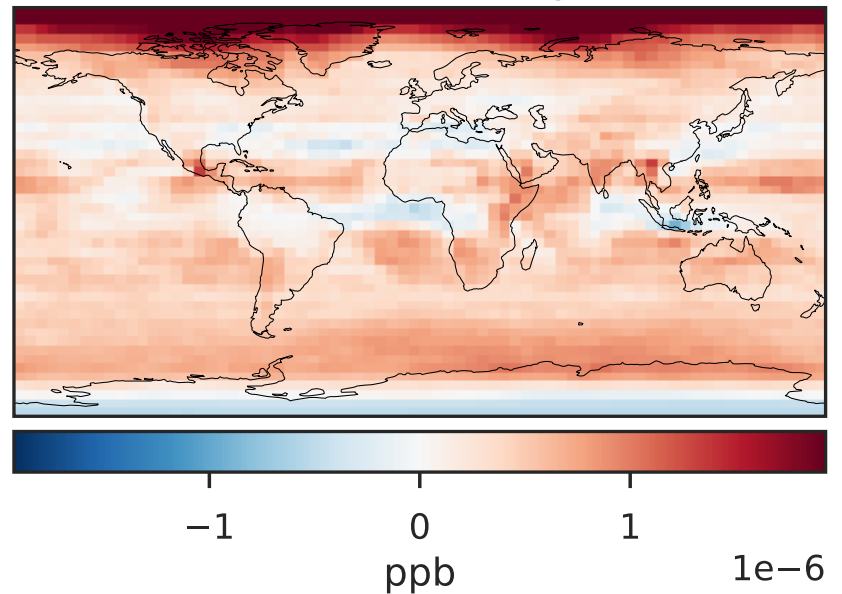
14.3.0-rc.0 (Dev)
4.0x5.0



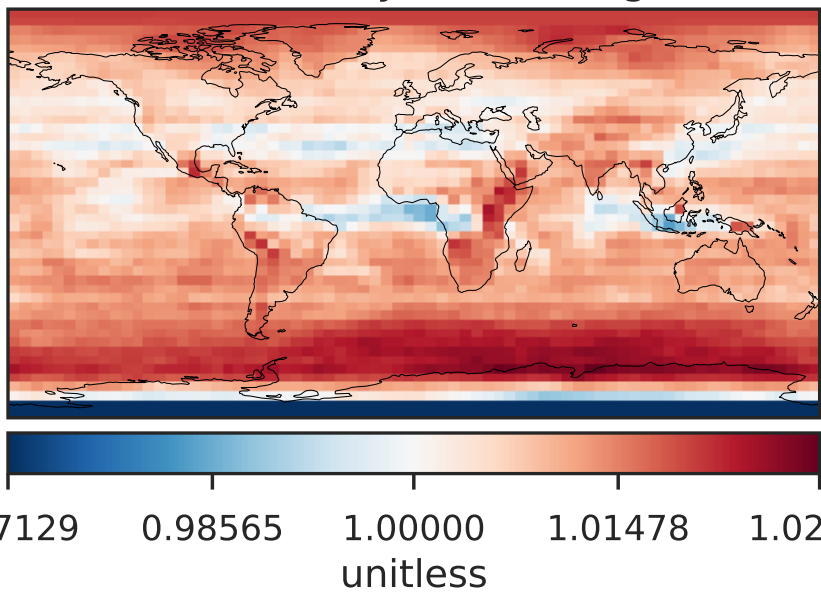
Difference
Dev - Ref, Dynamic Range



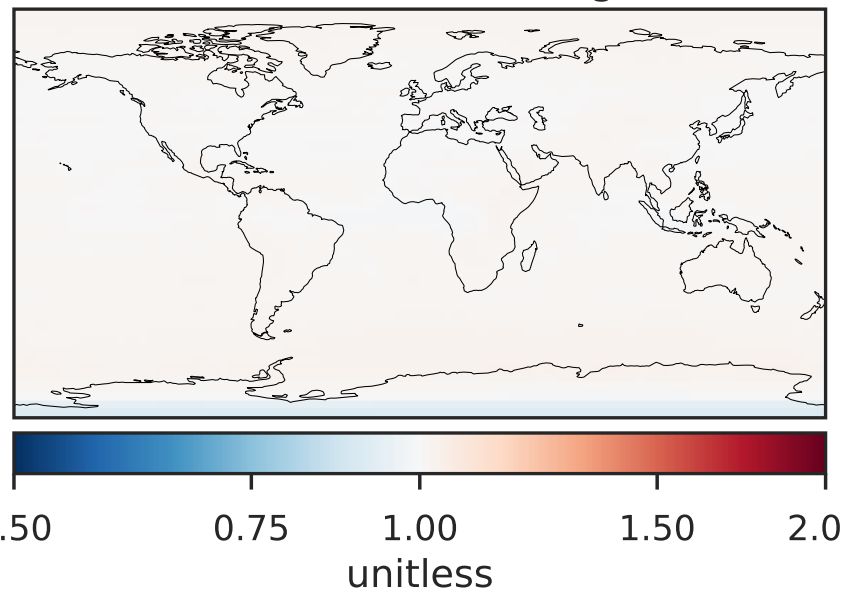
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

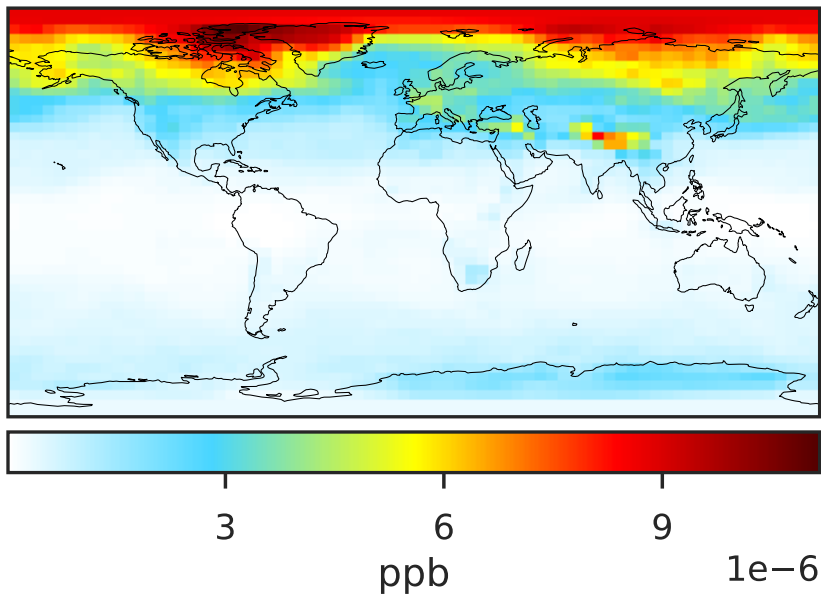


Ratio
Dev/Ref, Fixed Range

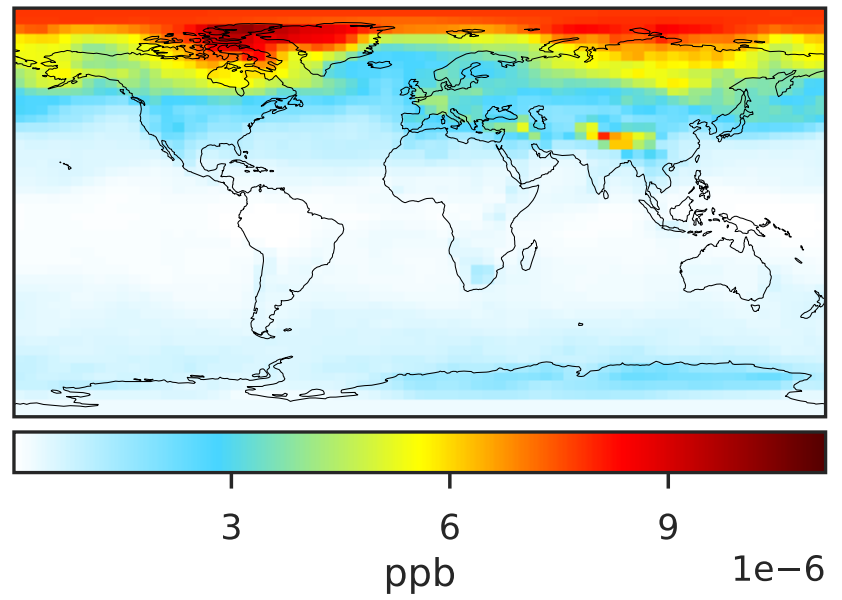


SpeciesConcVV_IONO (Apr2019)

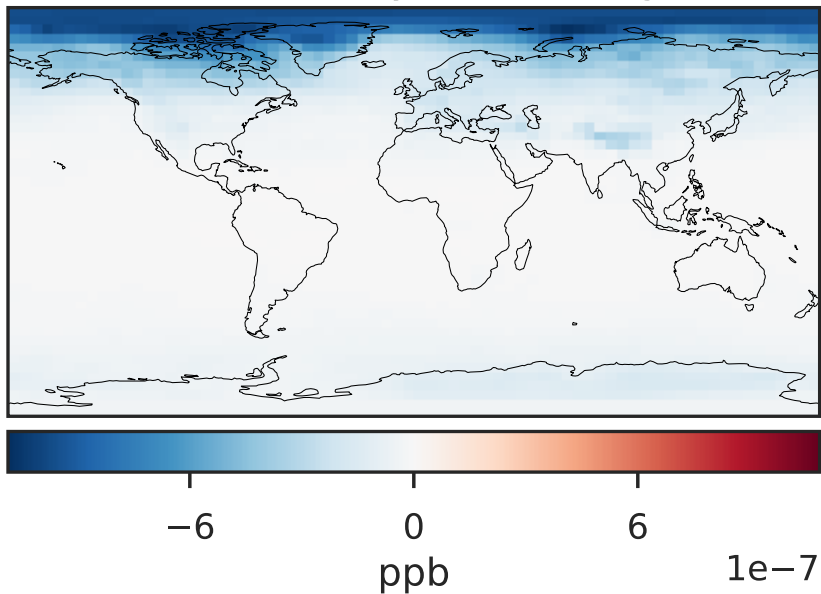
14.2.0-rc.2 (Ref)
4.0x5.0



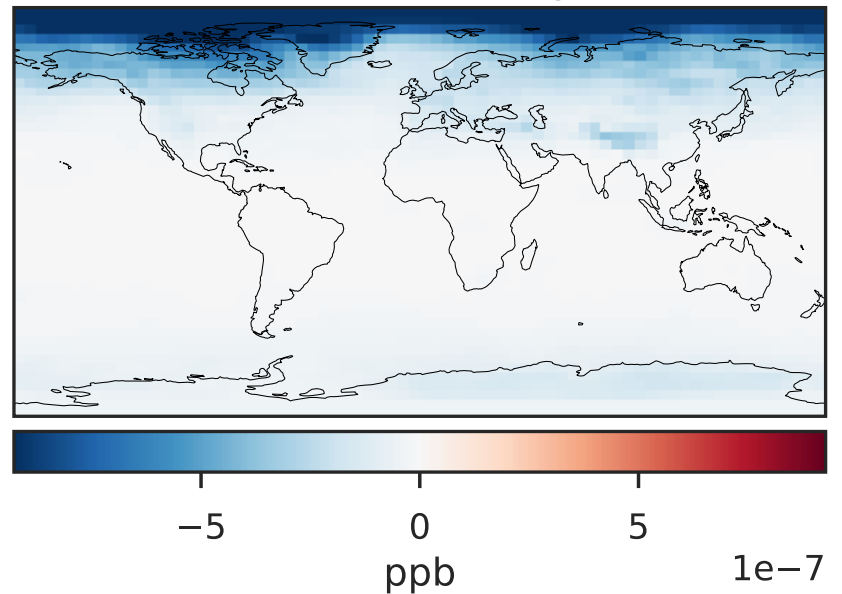
14.3.0-rc.0 (Dev)
4.0x5.0



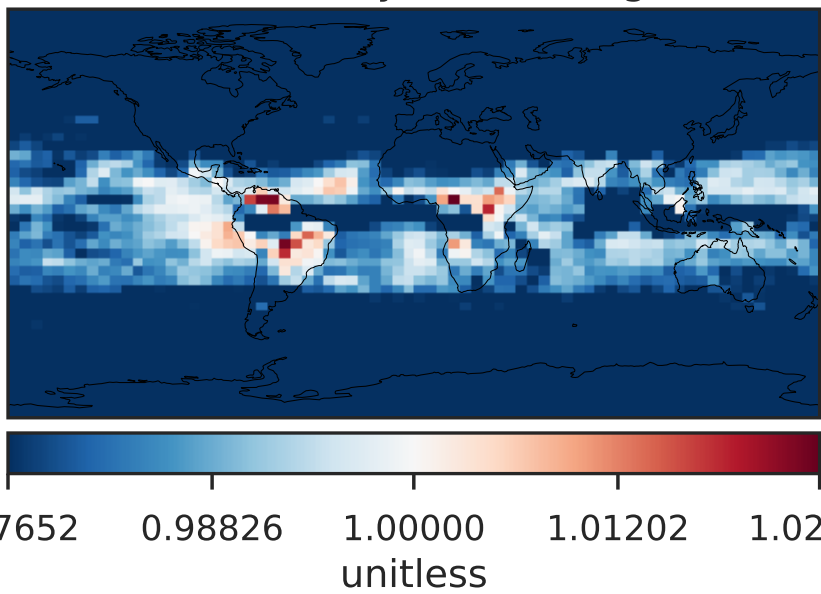
Difference
Dev - Ref, Dynamic Range



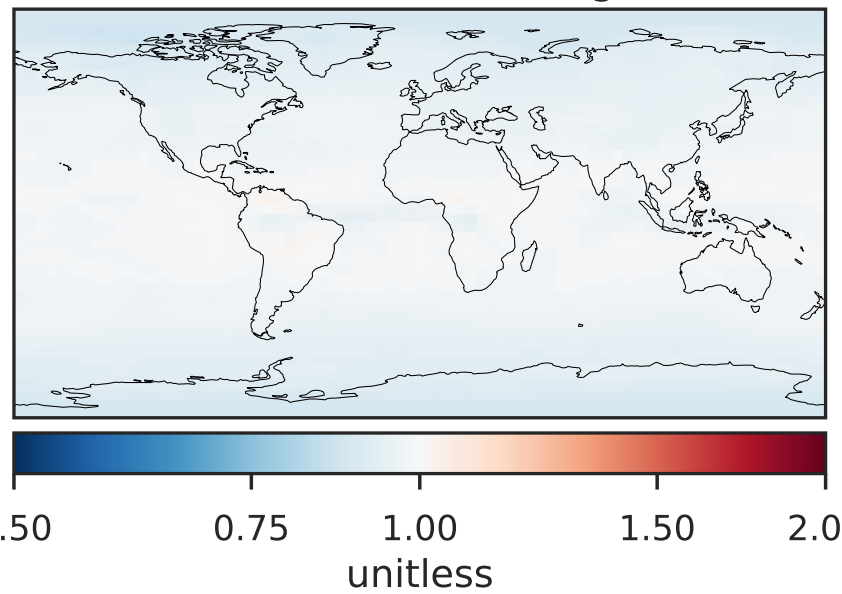
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

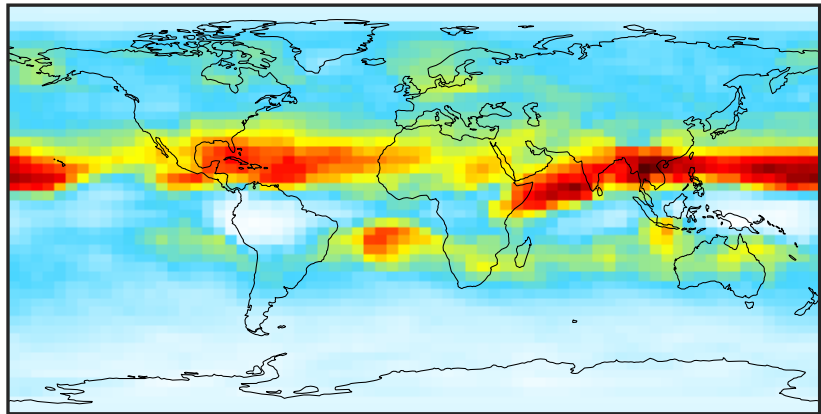


Ratio
Dev/Ref, Fixed Range



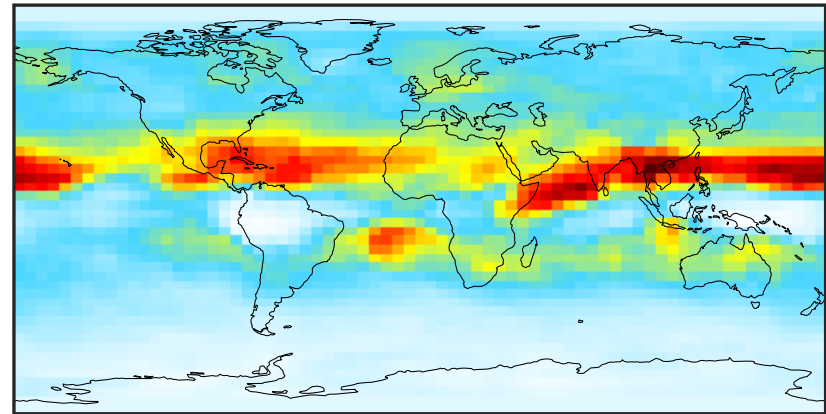
SpeciesConcVV_IONO2 (Apr2019)

14.2.0-rc.2 (Ref)
4.0x5.0



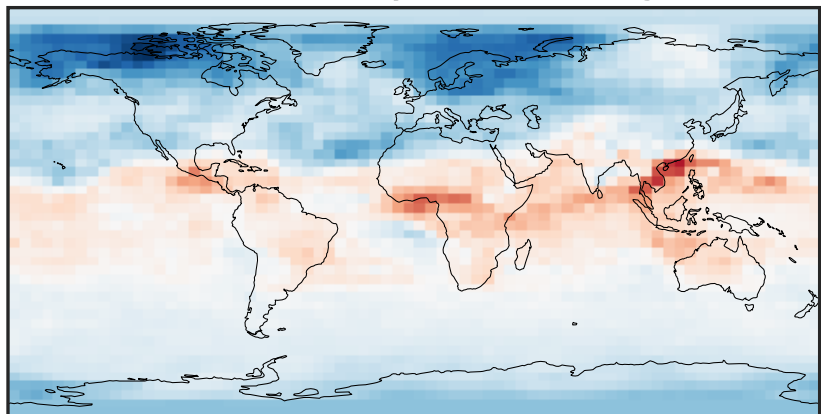
0.00005 0.00010 0.00015
ppb

14.3.0-rc.0 (Dev)
4.0x5.0



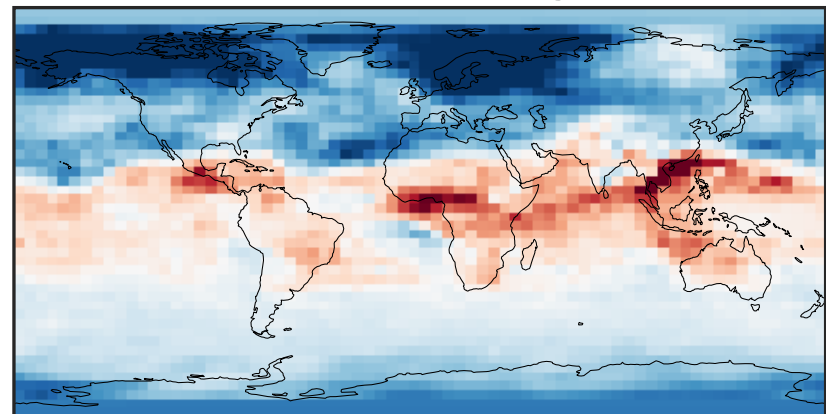
0.00005 0.00010 0.00015
ppb

Difference
Dev - Ref, Dynamic Range



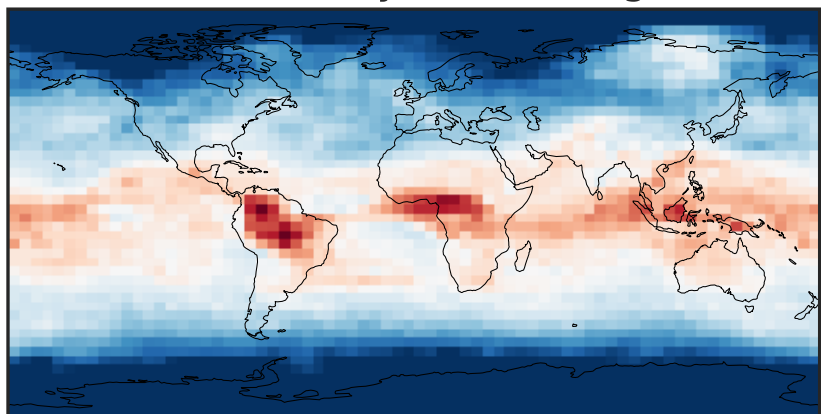
-1.5 0.0 1.5
ppb $1e-6$

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



-8 0 8
ppb $1e-7$

Ratio
Dev/Ref, Dynamic Range



0.96549 0.98275 1.00000 1.01787 1.03574
unitless

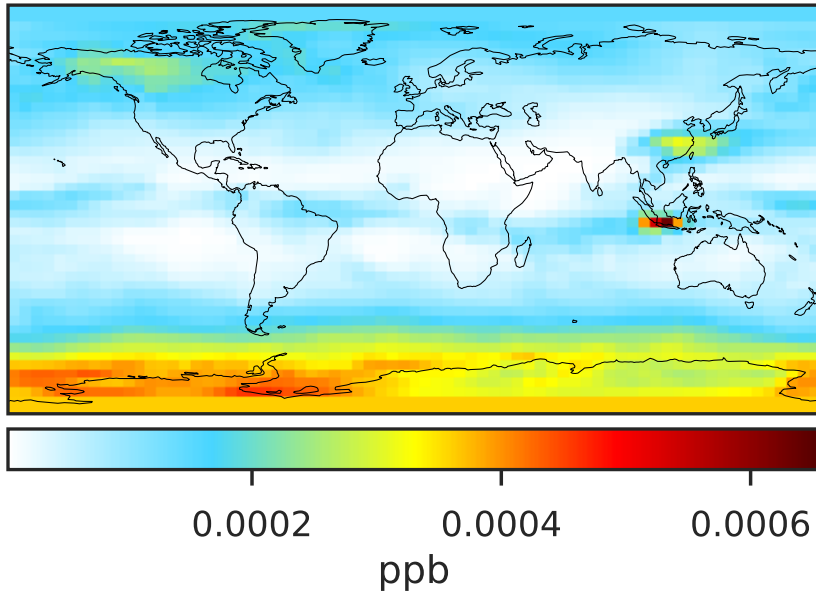
Ratio
Dev/Ref, Fixed Range



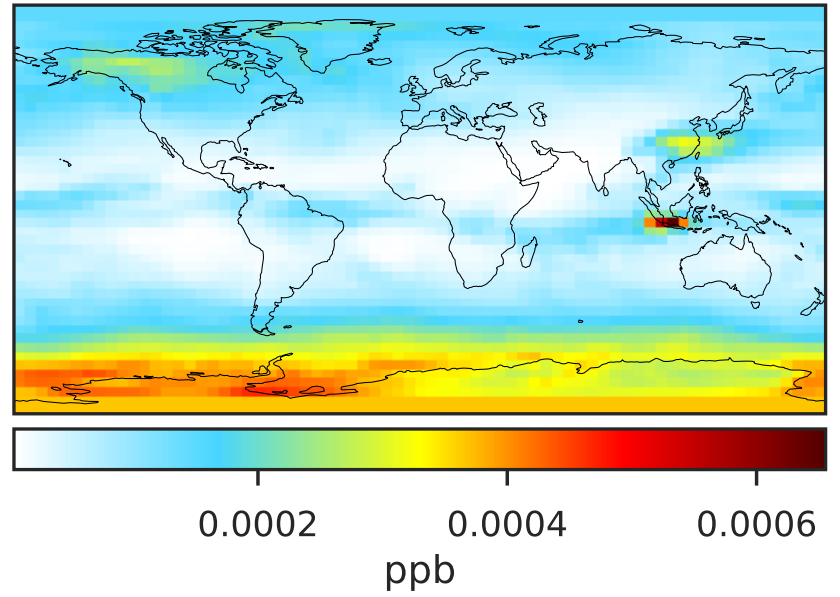
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_CH3I (Apr2019)

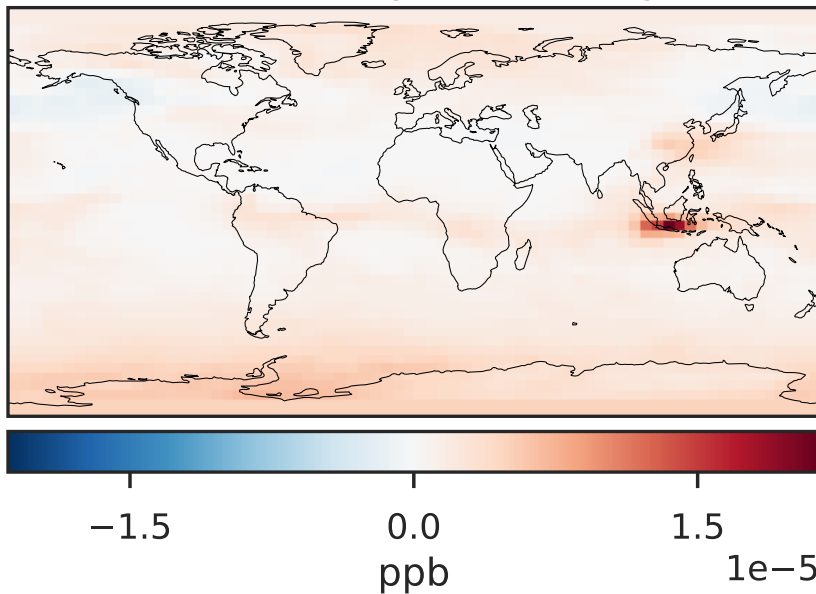
14.2.0-rc.2 (Ref)
4.0x5.0



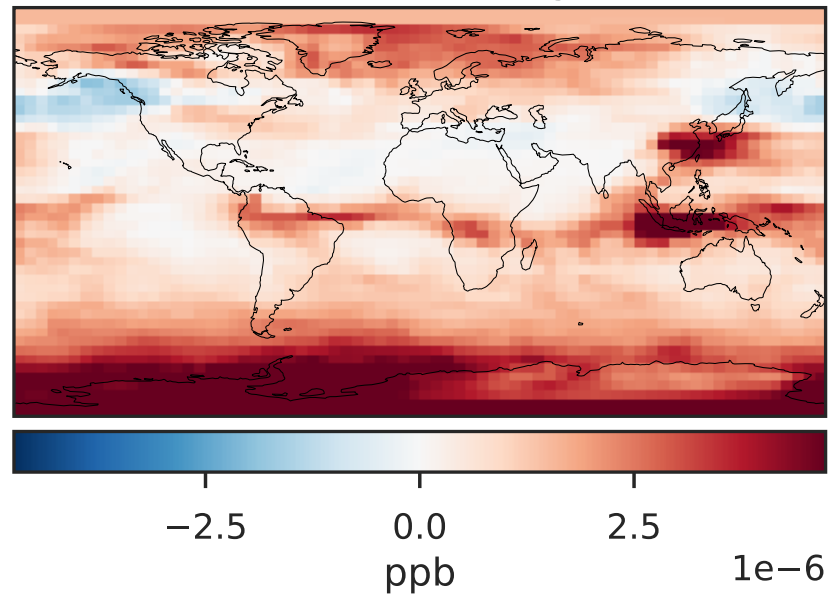
14.3.0-rc.0 (Dev)
4.0x5.0



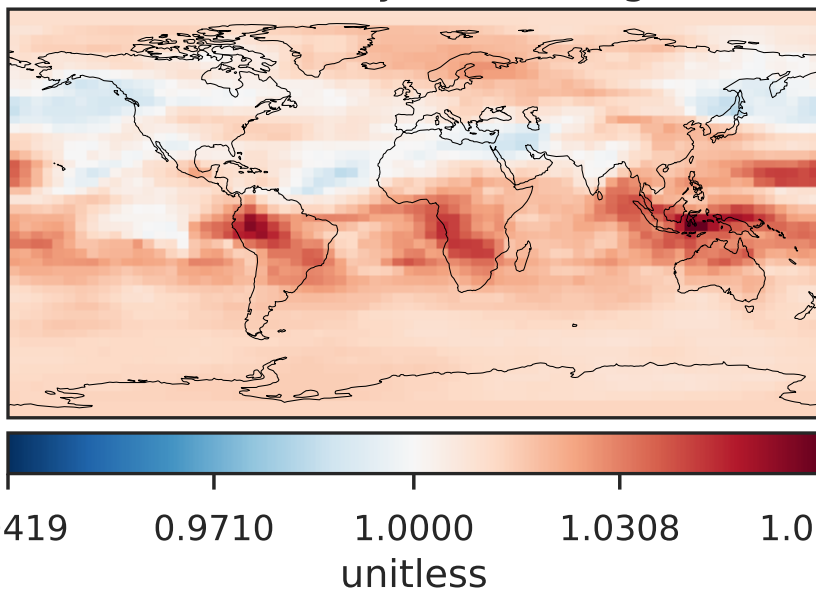
Difference
Dev - Ref, Dynamic Range



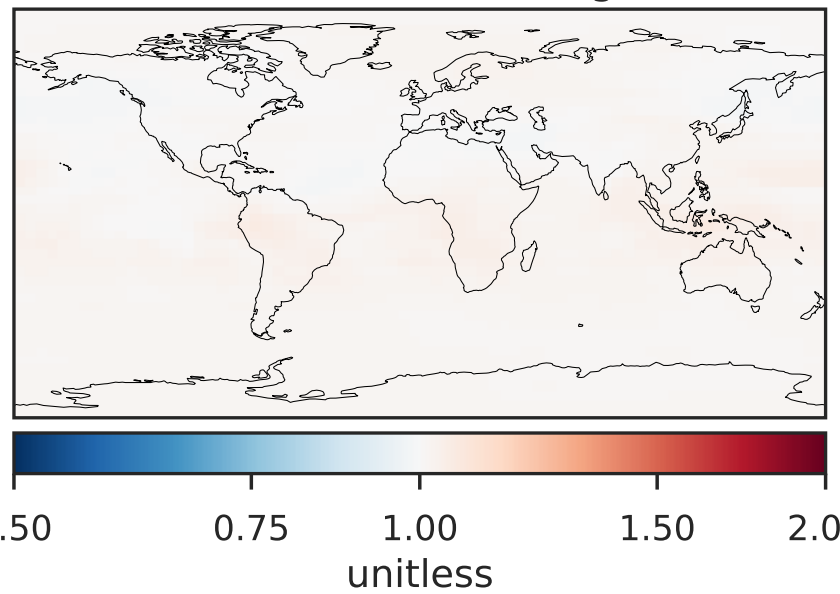
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

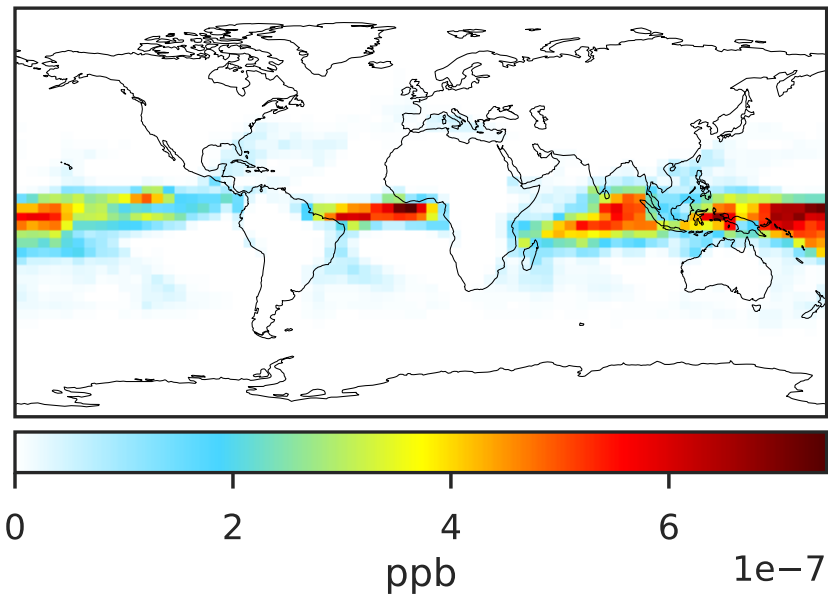


Ratio
Dev/Ref, Fixed Range

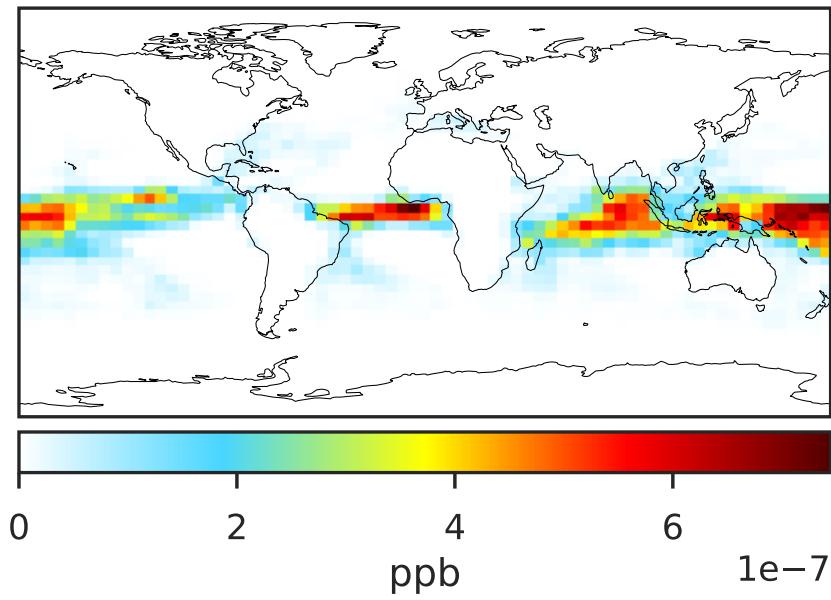


SpeciesConcVV_CH2I2 (Apr2019)

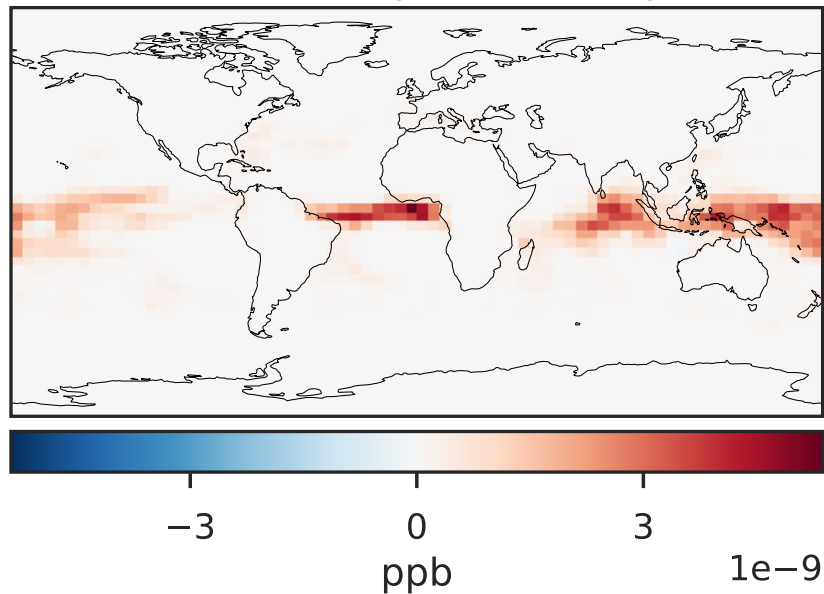
14.2.0-rc.2 (Ref)
4.0x5.0



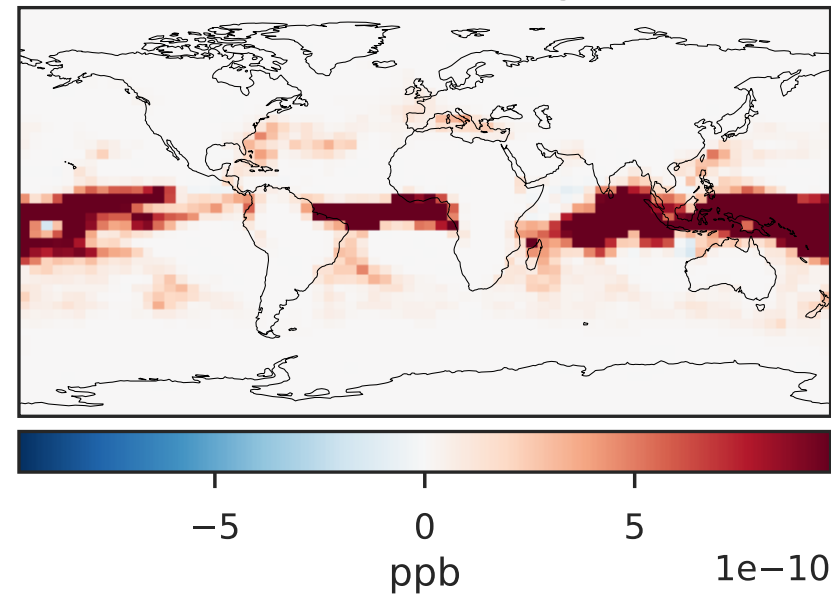
14.3.0-rc.0 (Dev)
4.0x5.0



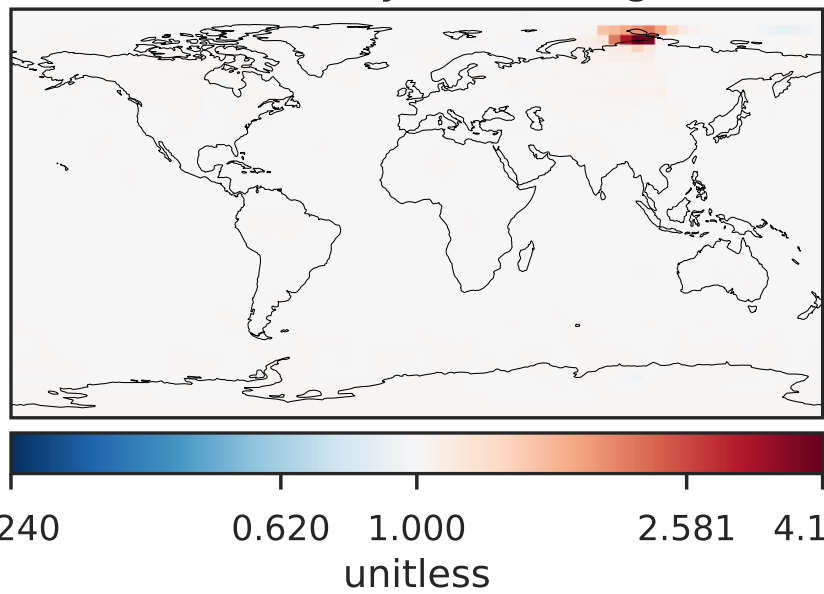
Difference
Dev - Ref, Dynamic Range



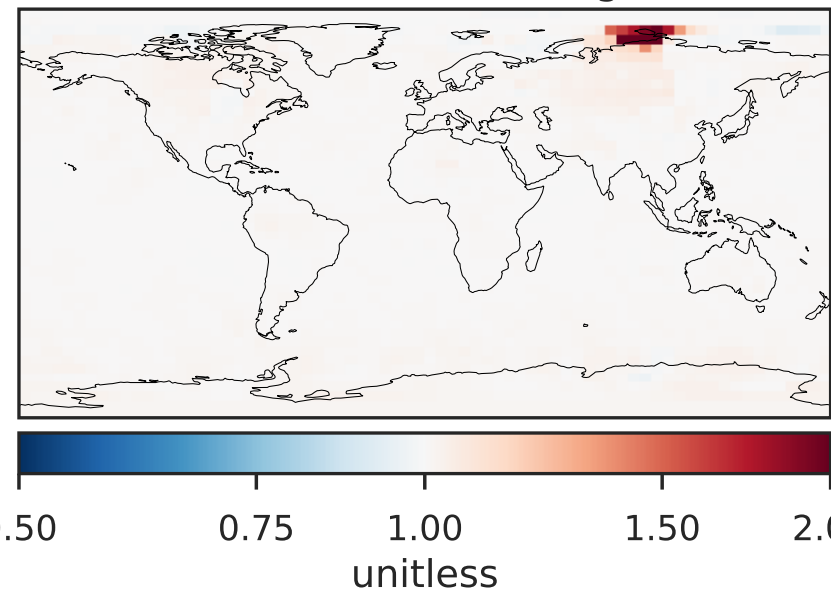
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

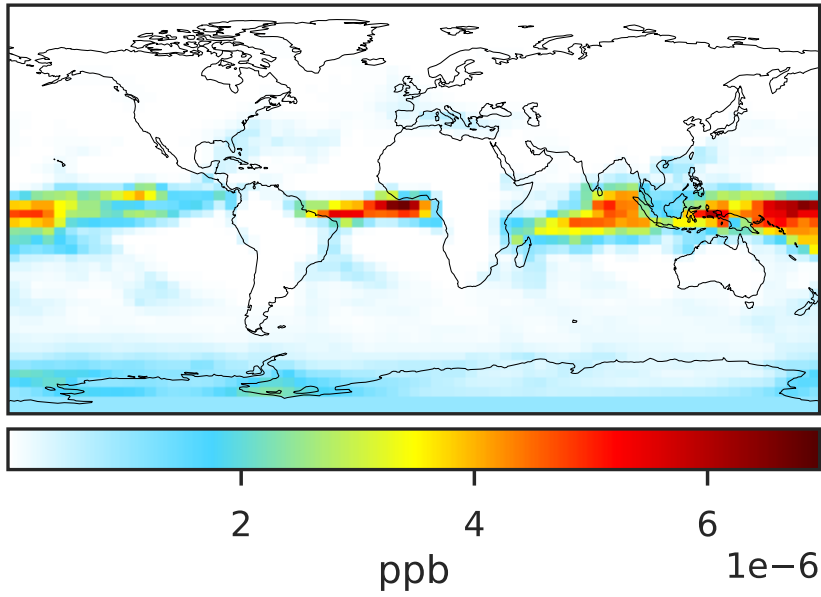


Ratio
Dev/Ref, Fixed Range

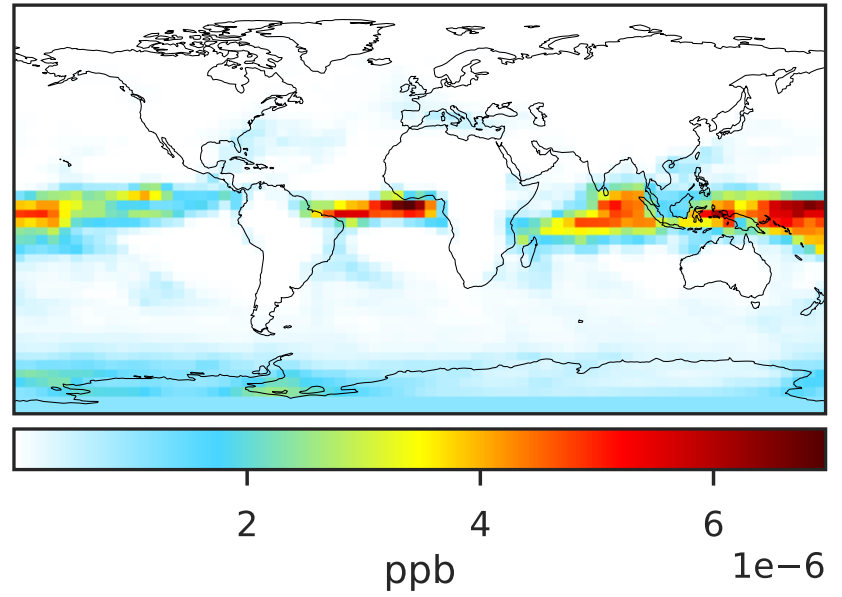


SpeciesConcVV_CH2ICl (Apr2019)

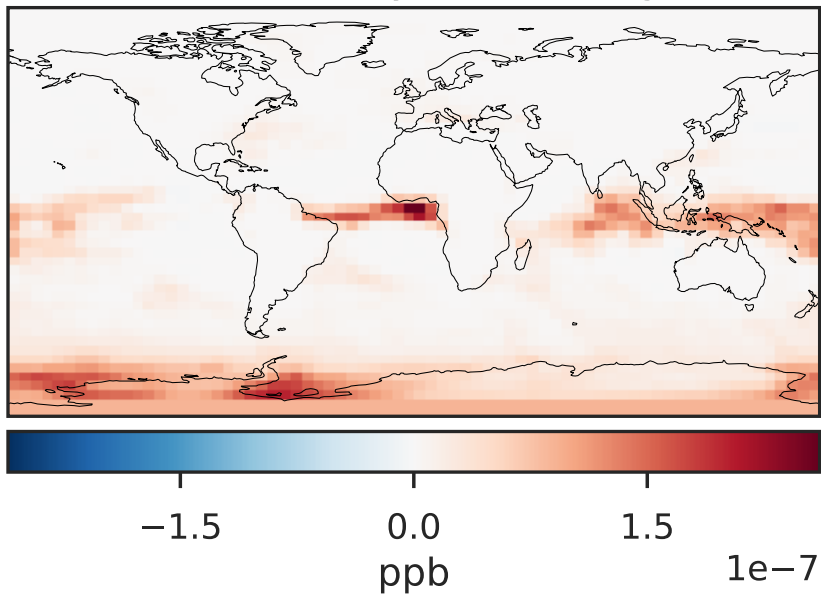
14.2.0-rc.2 (Ref)
4.0x5.0



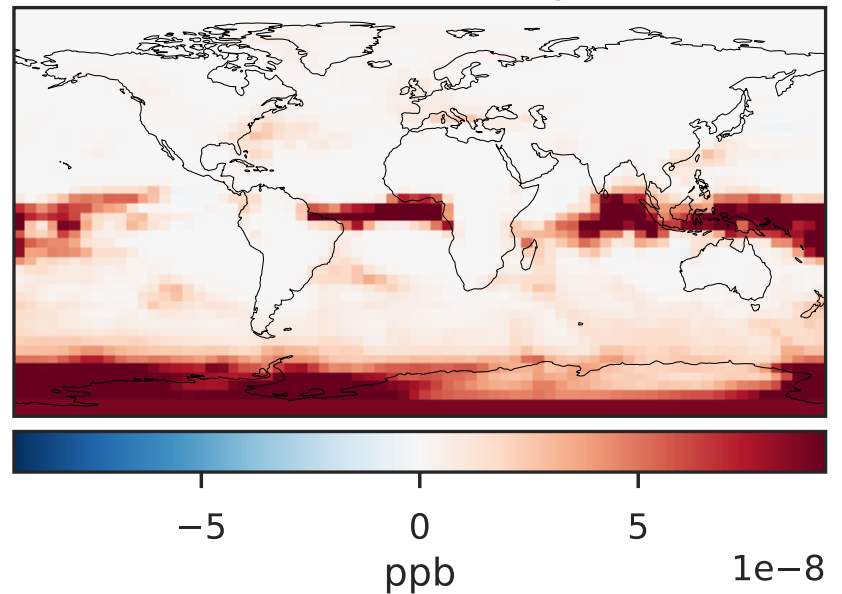
14.3.0-rc.0 (Dev)
4.0x5.0



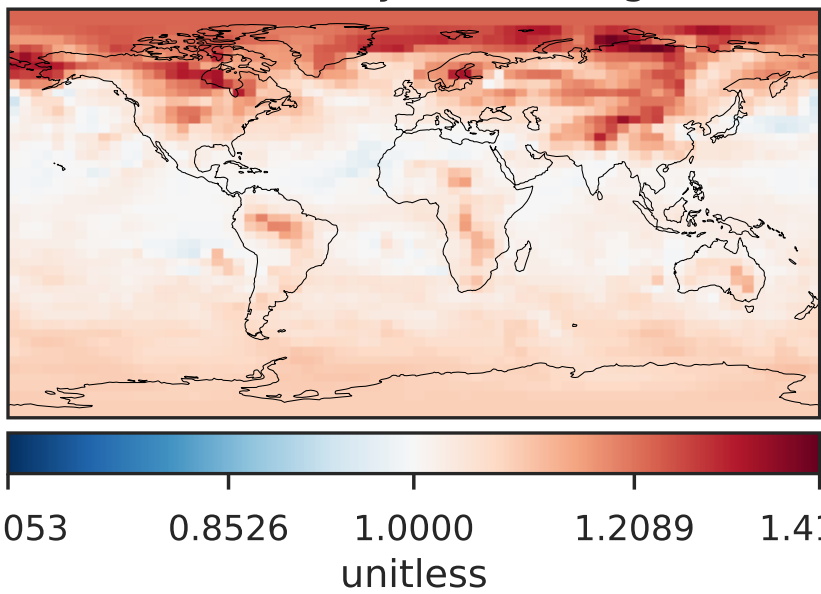
Difference
Dev - Ref, Dynamic Range



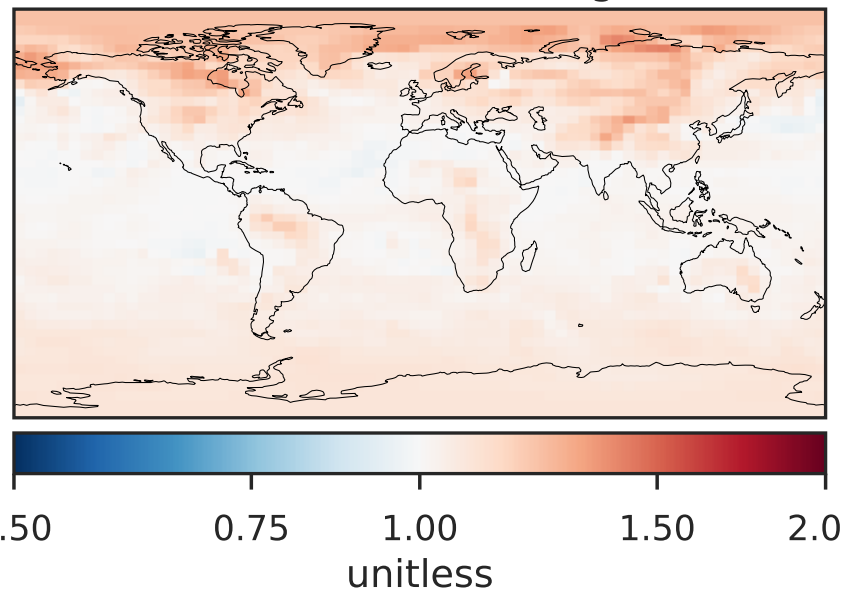
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

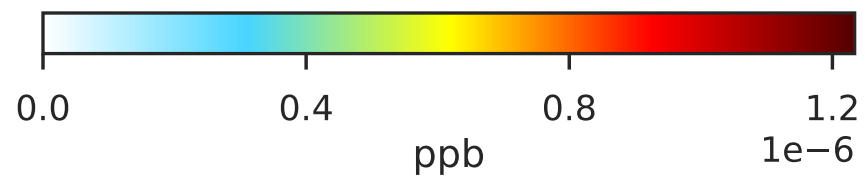
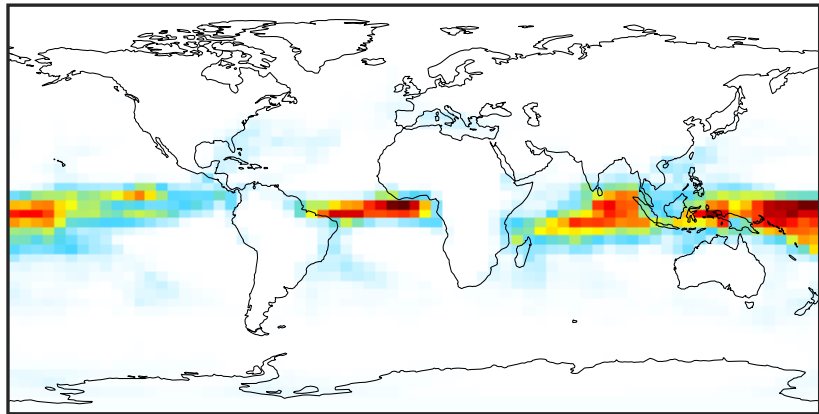


Ratio
Dev/Ref, Fixed Range

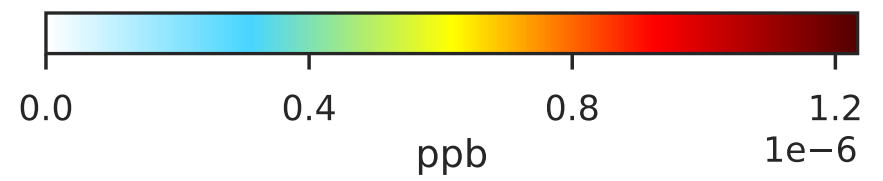
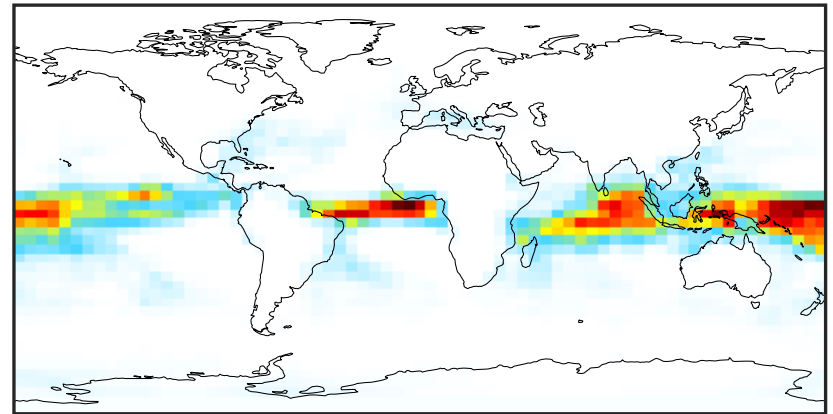


SpeciesConcVV_CH2IBr (Apr2019)

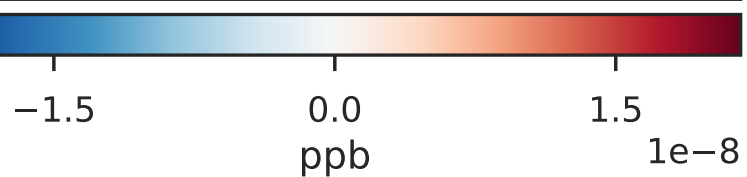
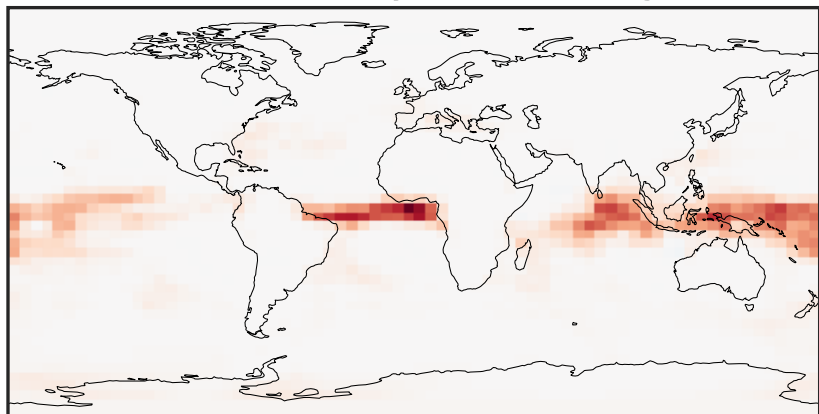
14.2.0-rc.2 (Ref)
4.0x5.0



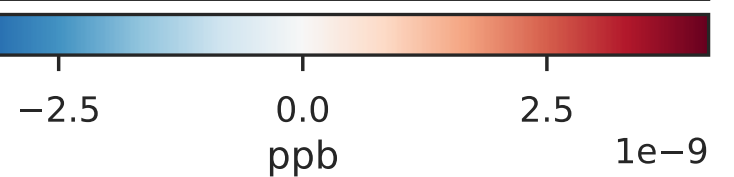
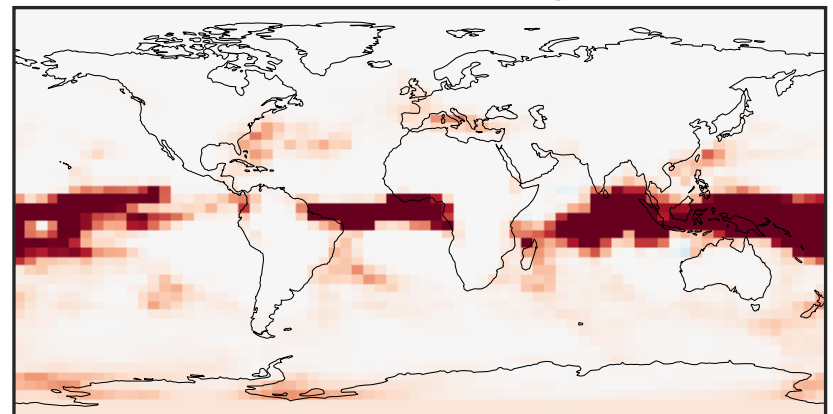
14.3.0-rc.0 (Dev)
4.0x5.0



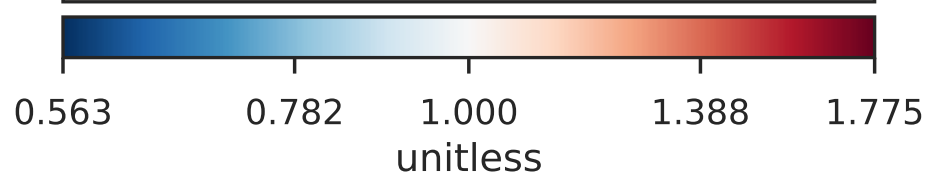
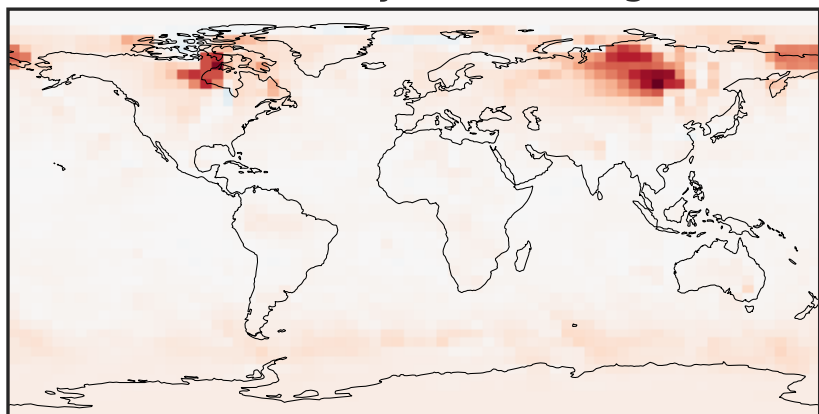
Difference
Dev - Ref, Dynamic Range



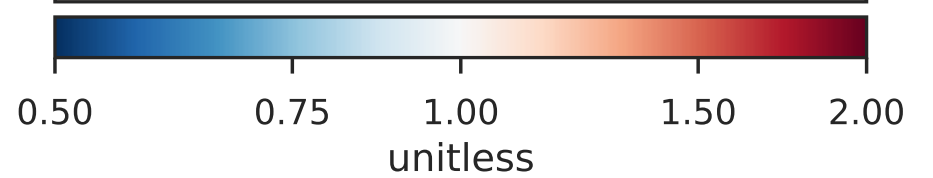
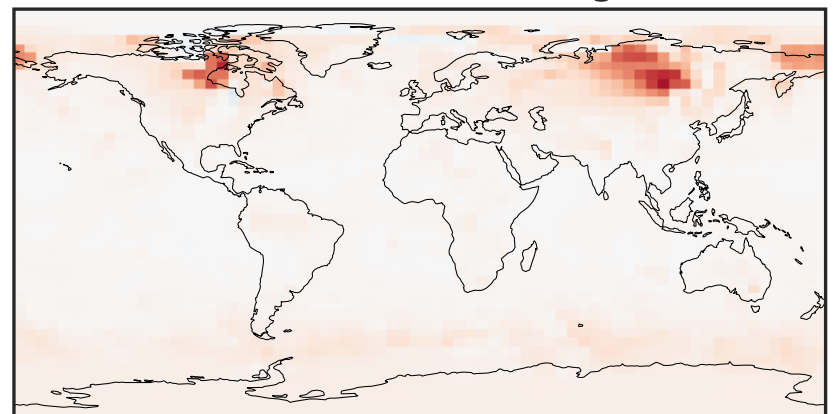
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

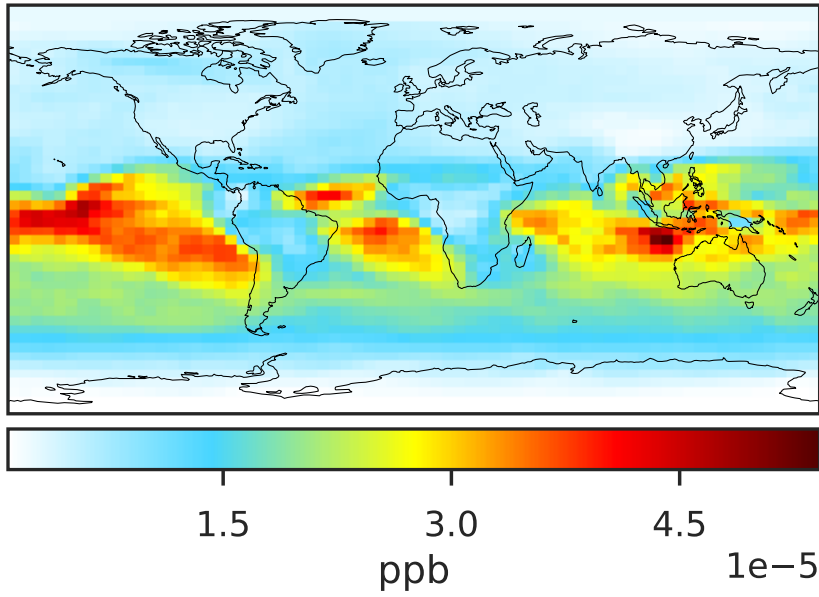


Ratio
Dev/Ref, Fixed Range

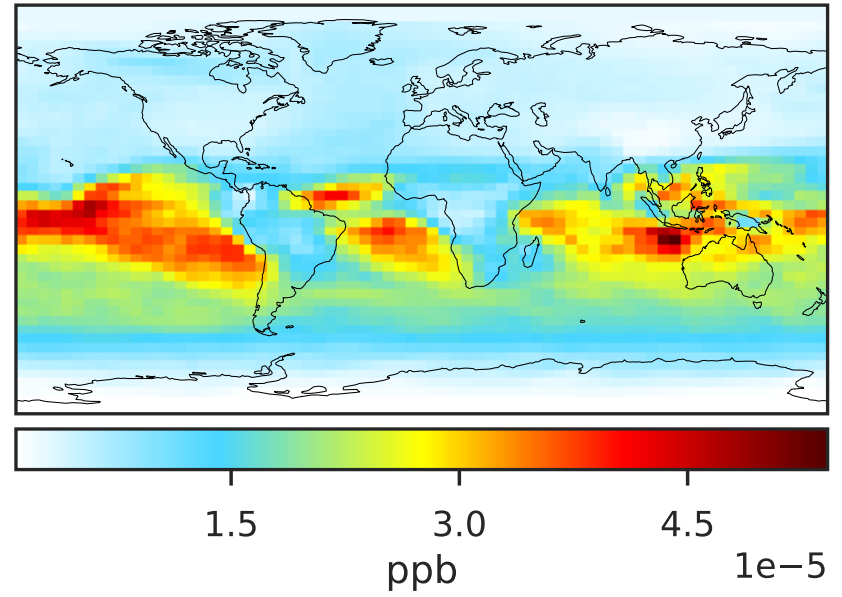


SpeciesConcVV_HI (Apr2019)

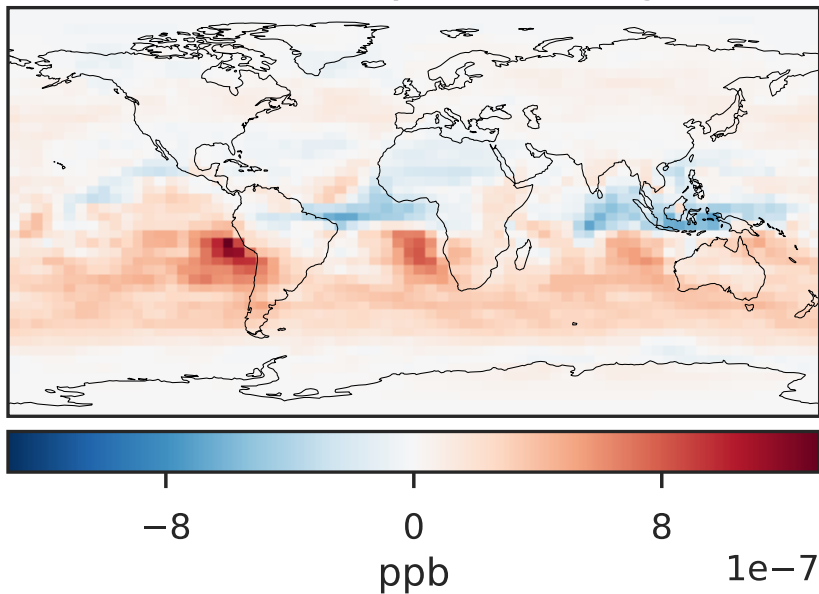
14.2.0-rc.2 (Ref)
4.0x5.0



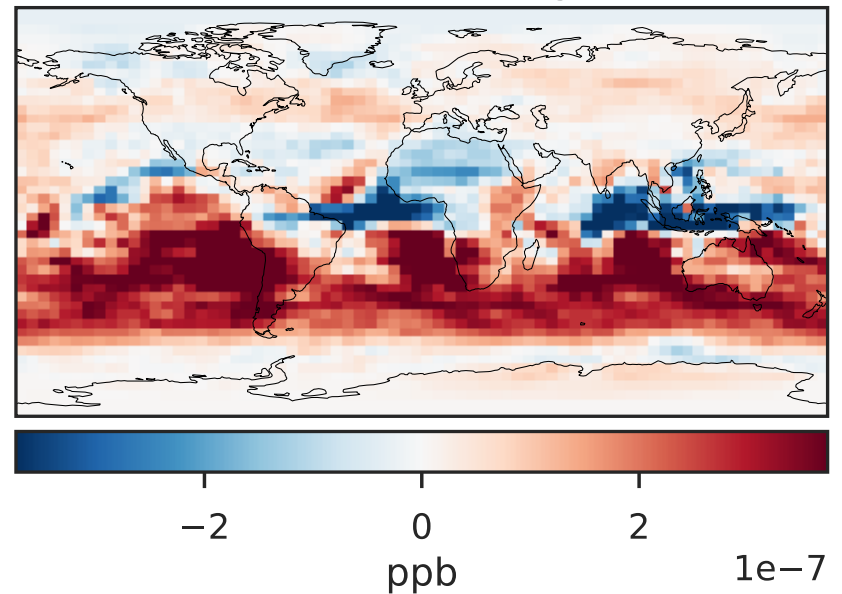
14.3.0-rc.0 (Dev)
4.0x5.0



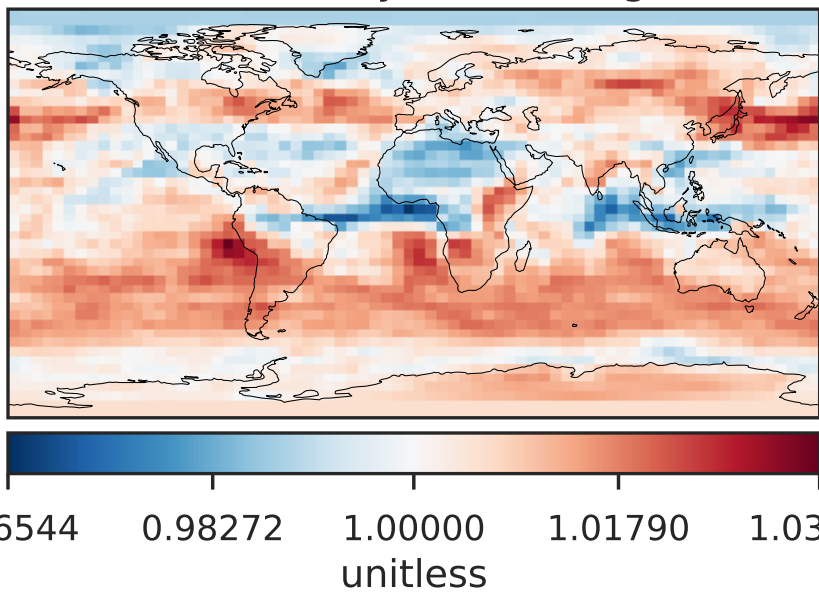
Difference
Dev - Ref, Dynamic Range



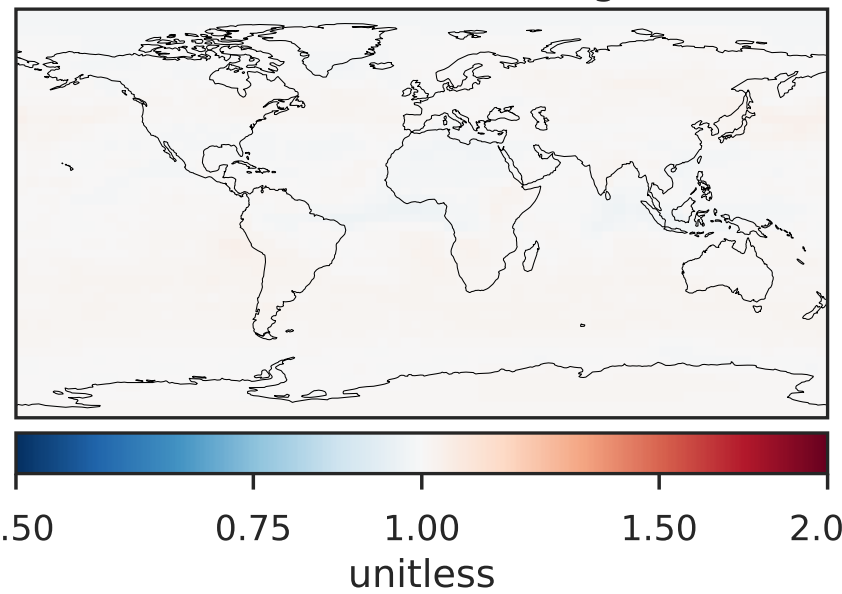
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

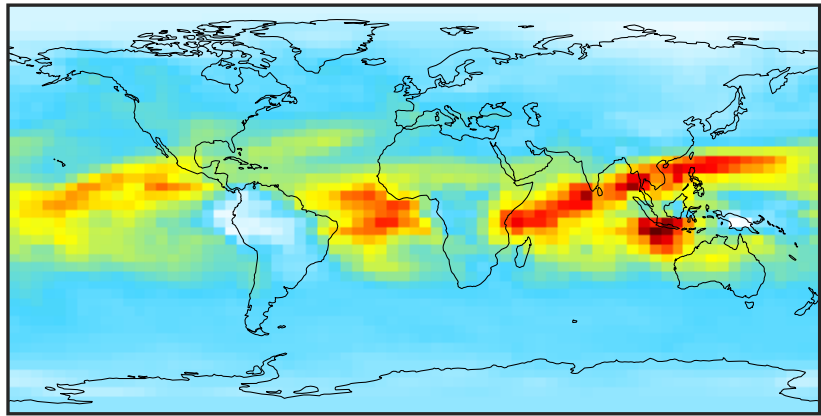


Ratio
Dev/Ref, Fixed Range



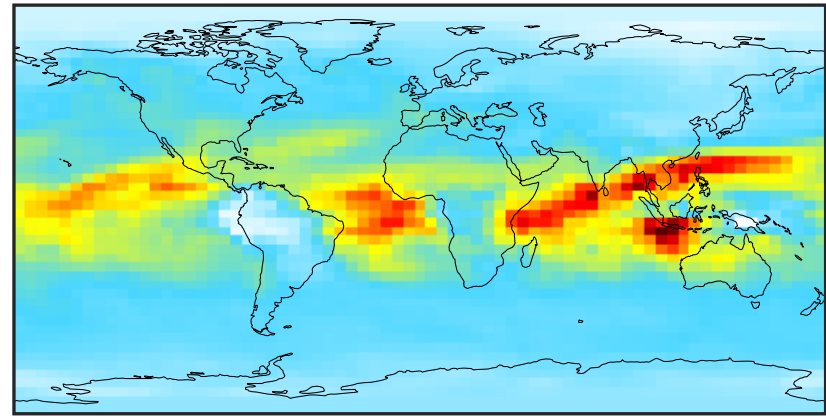
SpeciesConcVV_HOI (Apr2019)

14.2.0-rc.2 (Ref)
4.0x5.0



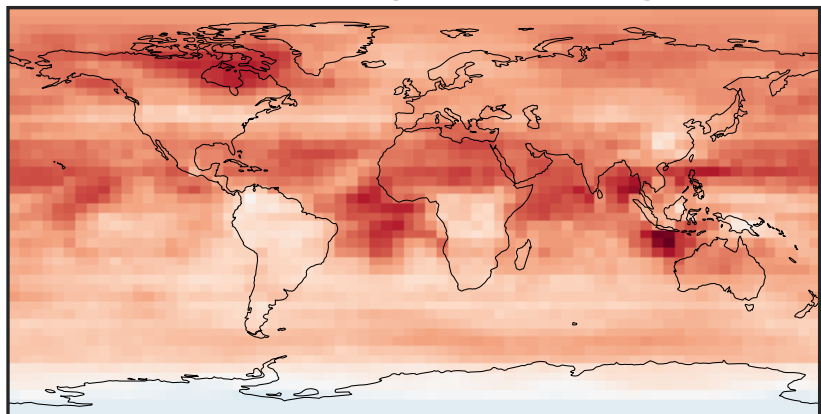
0.00015 0.00030 0.00045
ppb

14.3.0-rc.0 (Dev)
4.0x5.0



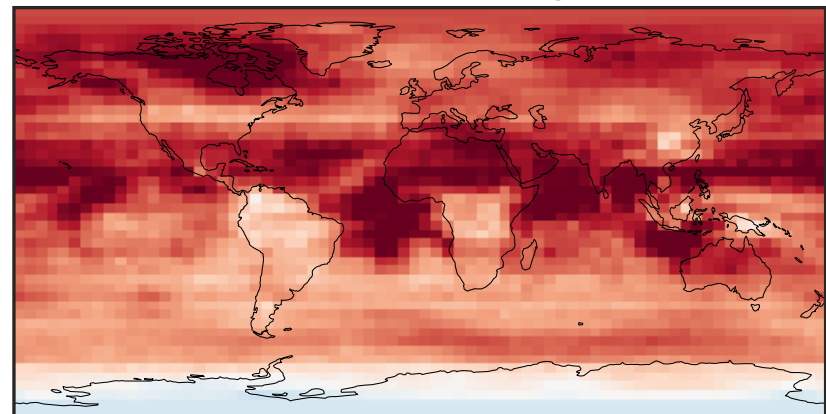
0.00015 0.00030 0.00045
ppb

Difference
Dev - Ref, Dynamic Range



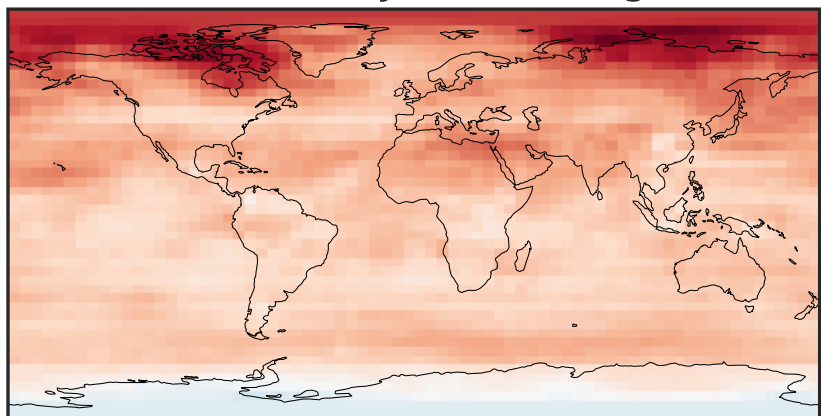
-4 0 4
ppb $1e-6$

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



-2.5 0.0 2.5
ppb $1e-6$

Ratio
Dev/Ref, Dynamic Range



0.9438 0.9719 1.0000 1.0297 1.0595
unitless

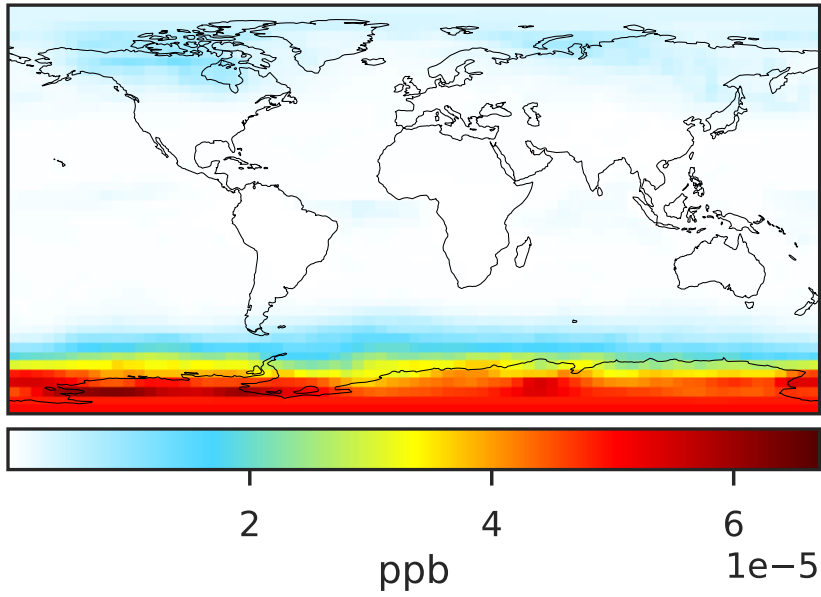
Ratio
Dev/Ref, Fixed Range



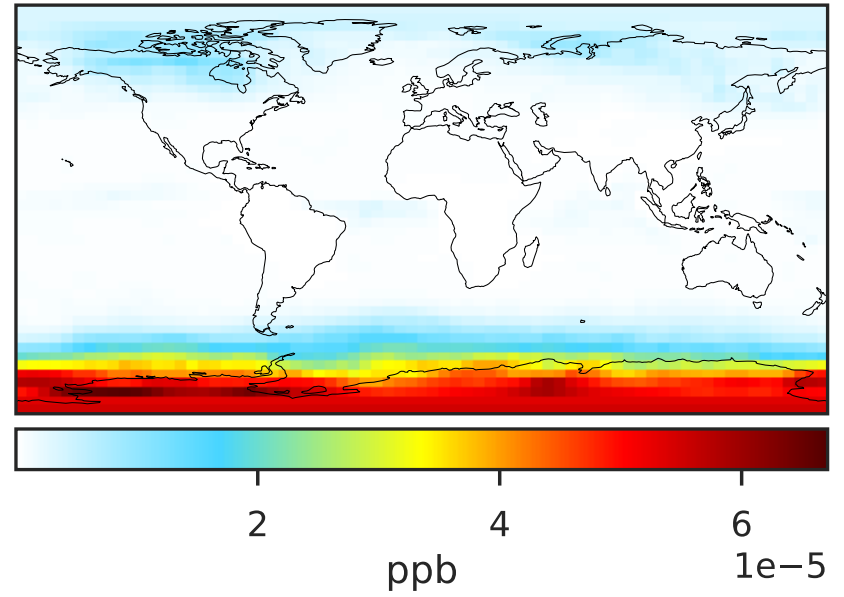
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_OIO (Apr2019)

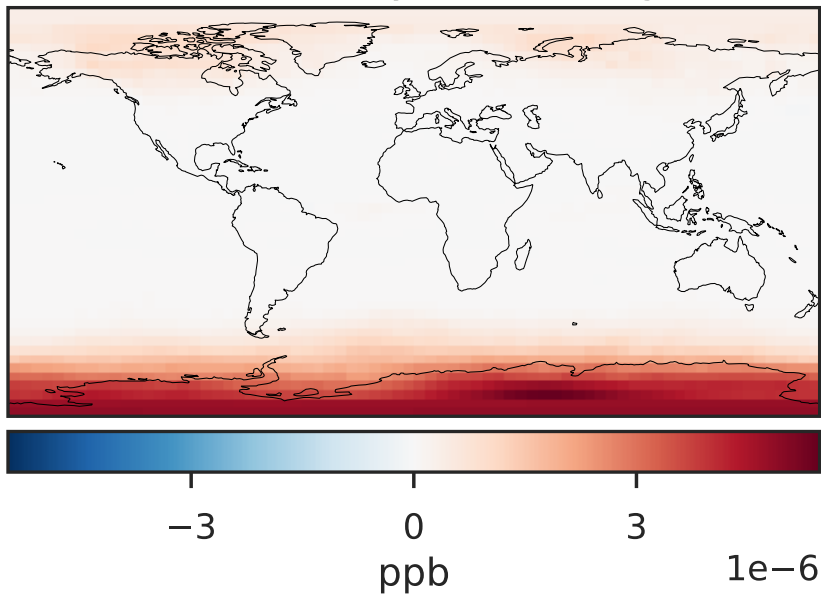
14.2.0-rc.2 (Ref)
4.0x5.0



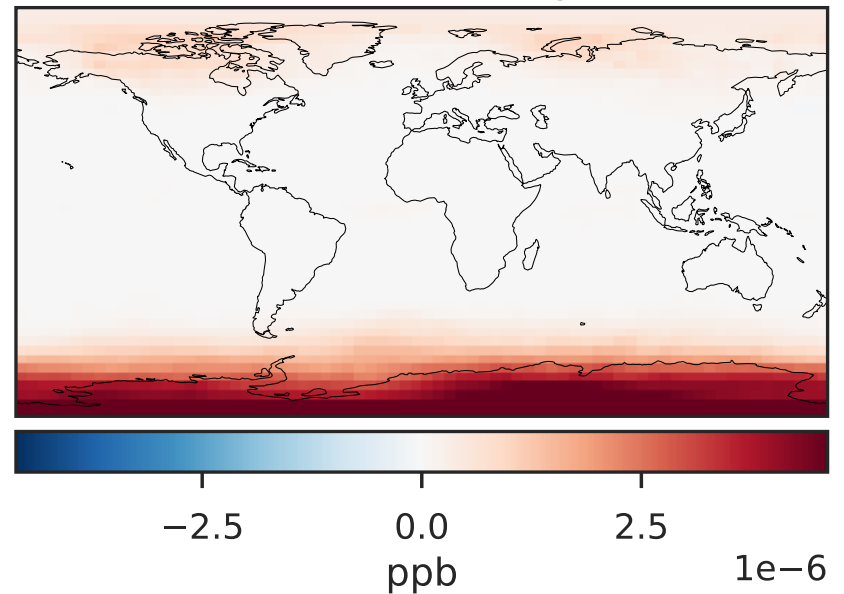
14.3.0-rc.0 (Dev)
4.0x5.0



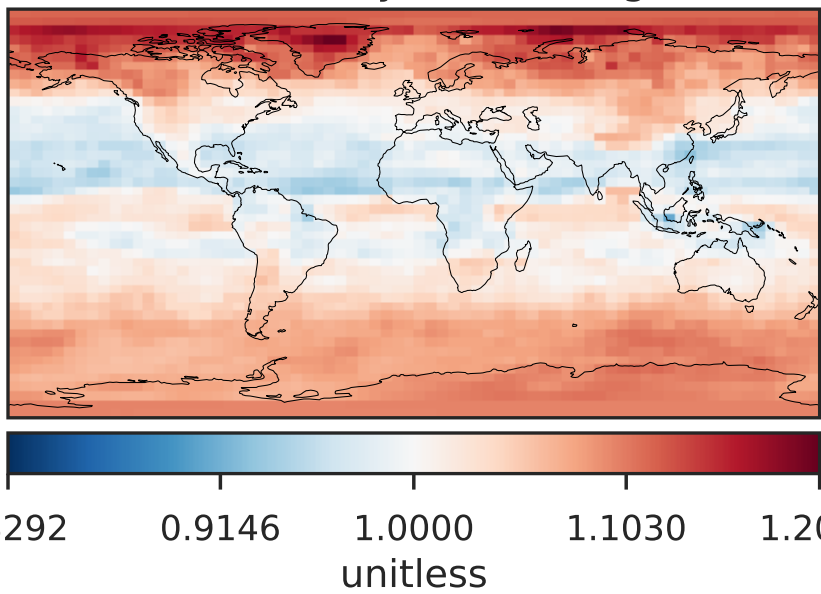
Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

