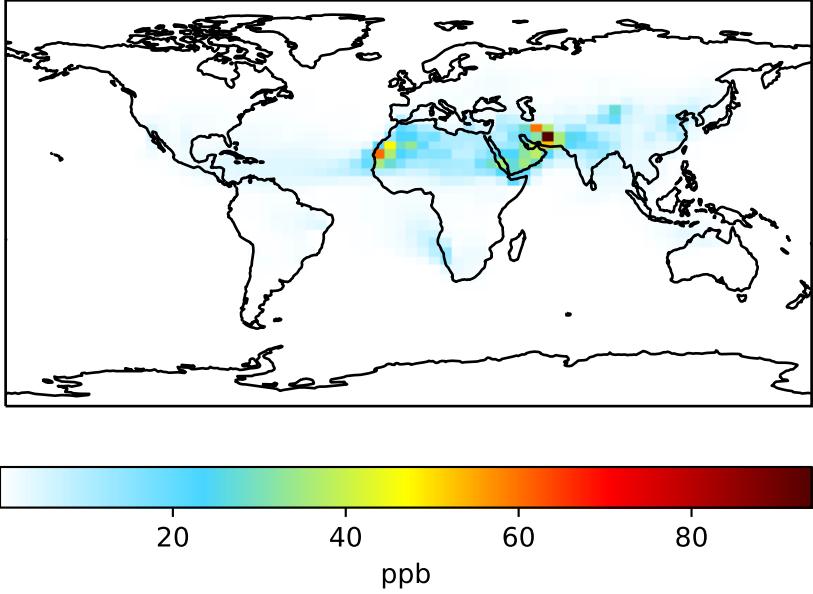
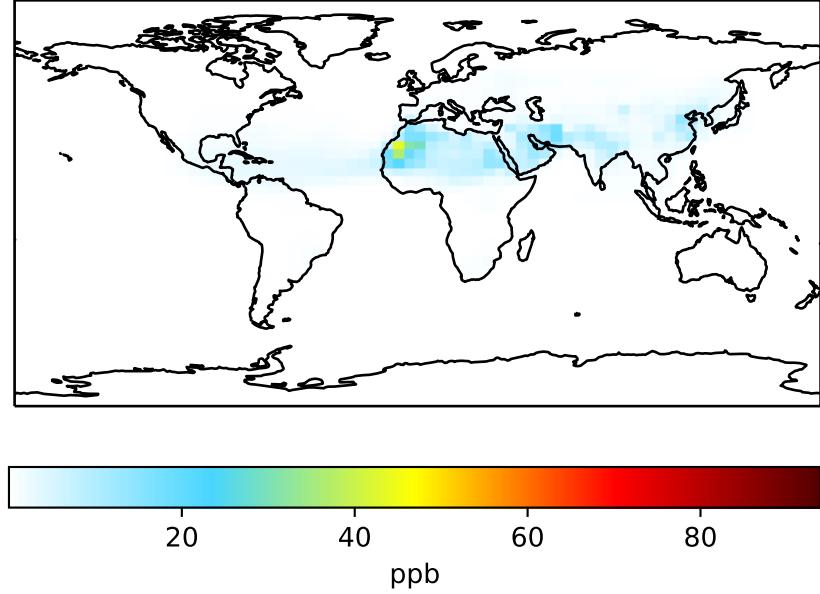


SpeciesConc_DST1

GC_12.7.0 (Ref)
4.0x5.0



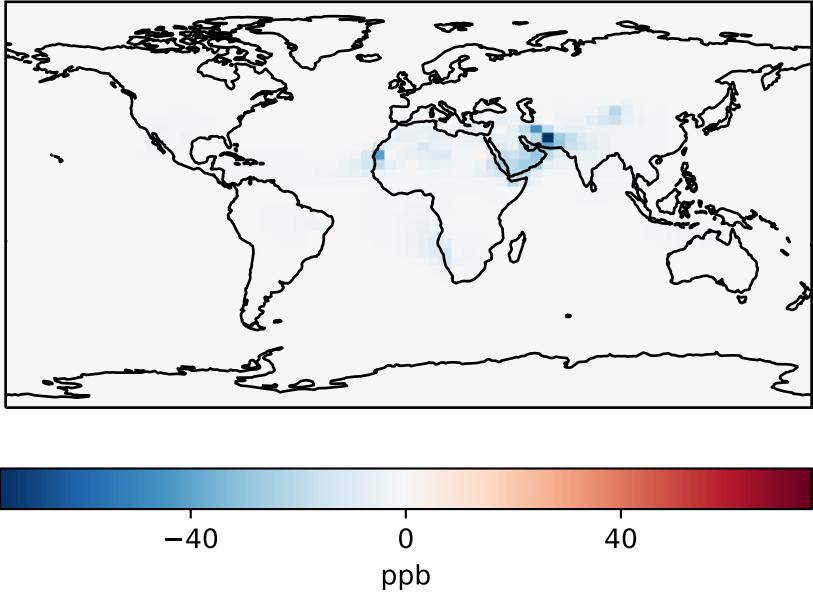
GC_12.8.0 (Dev)
4.0x5.0



20 40 60 80
ppb

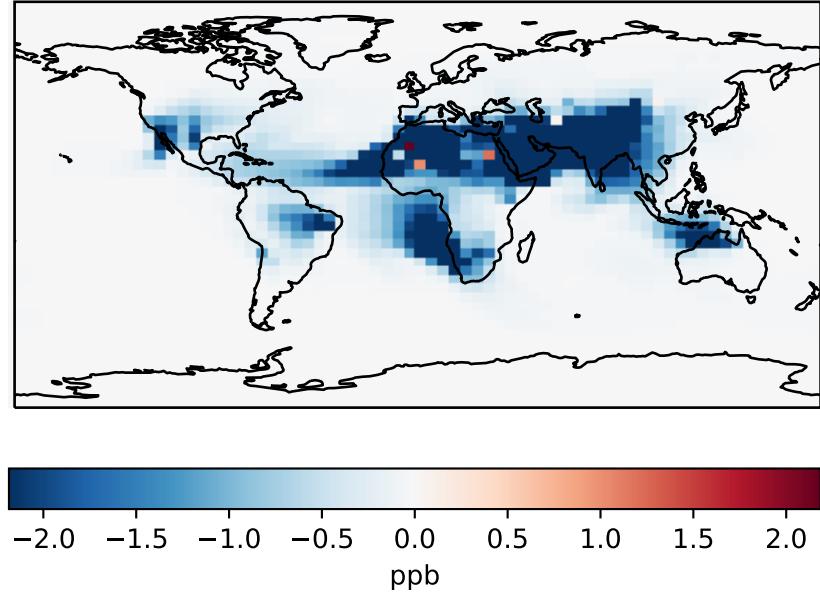
20 40 60 80
ppb

Difference
Dev - Ref, Dynamic Range



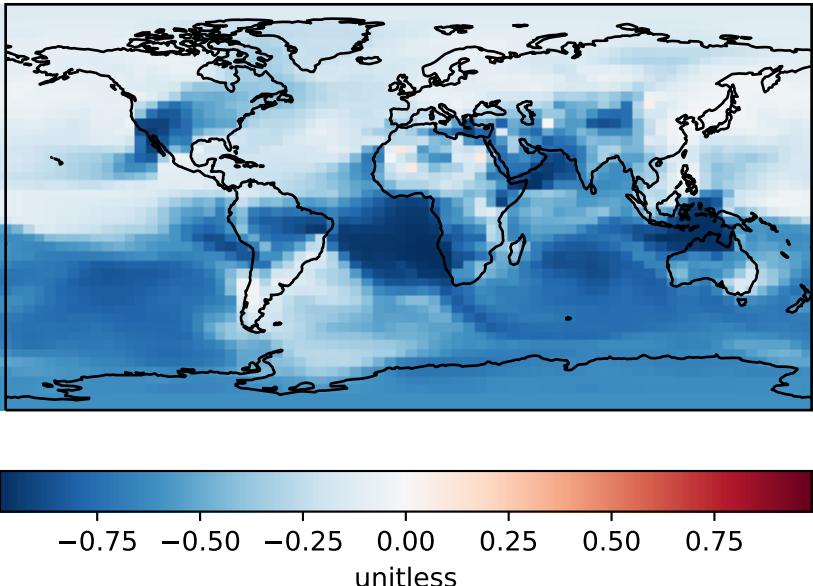
-40 0 40
ppb

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



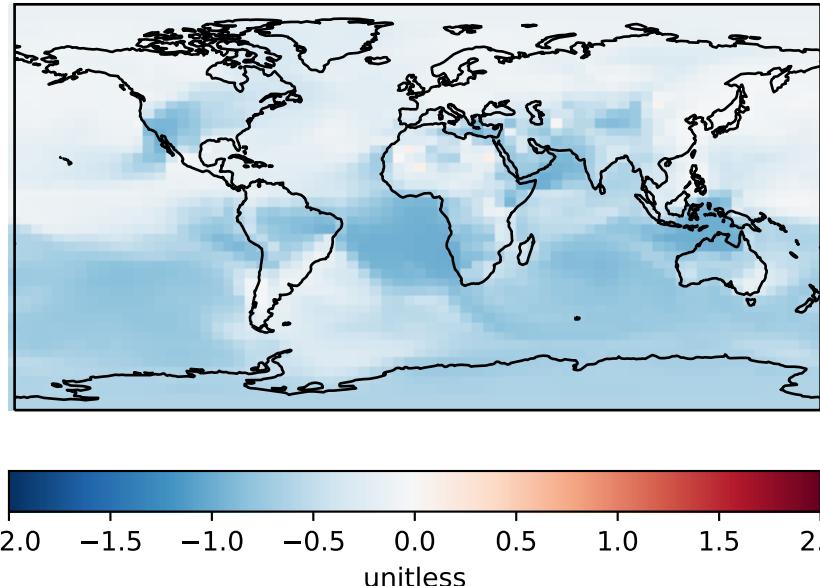
-2.0 -1.5 -1.0 -0.5 0.0 0.5 1.0 1.5 2.0
ppb

Fractional Difference
(Dev-Ref)/Ref, Dynamic Range



-0.75 -0.50 -0.25 0.00 0.25 0.50 0.75
unitless

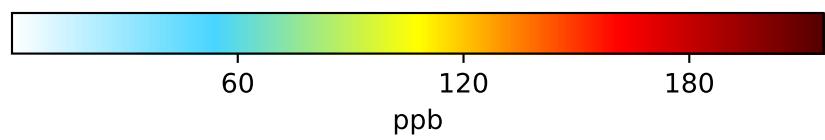
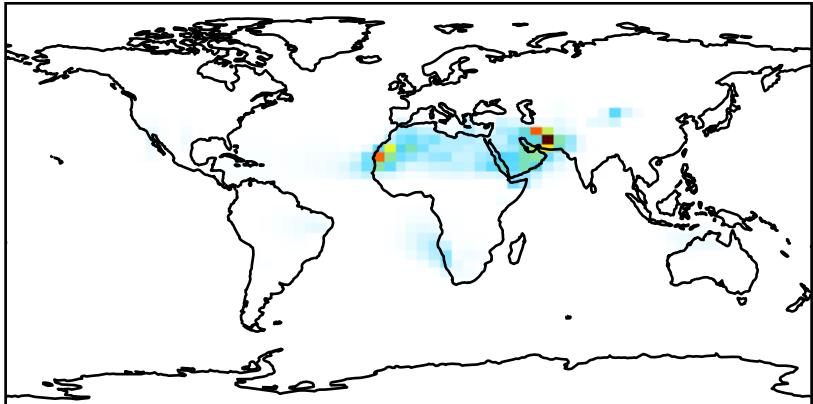
Fractional Difference
(Dev-Ref)/Ref, Fixed Range



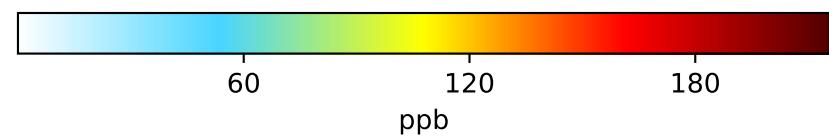
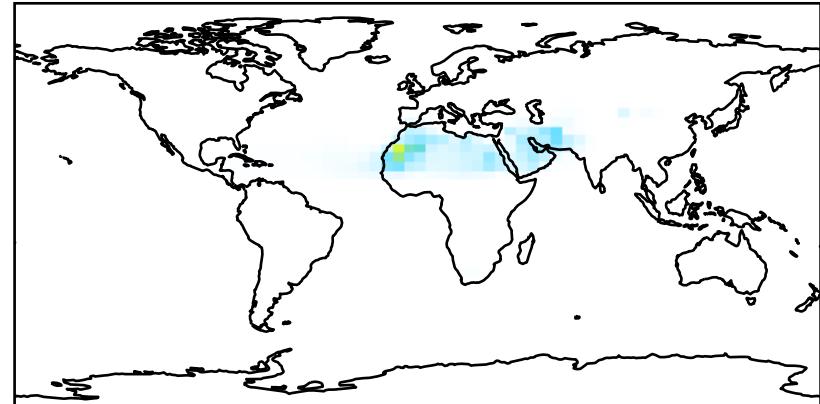
-2.0 -1.5 -1.0 -0.5 0.0 0.5 1.0 1.5 2.0
unitless

SpeciesConc_DST2

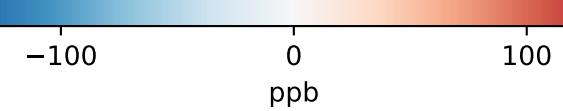
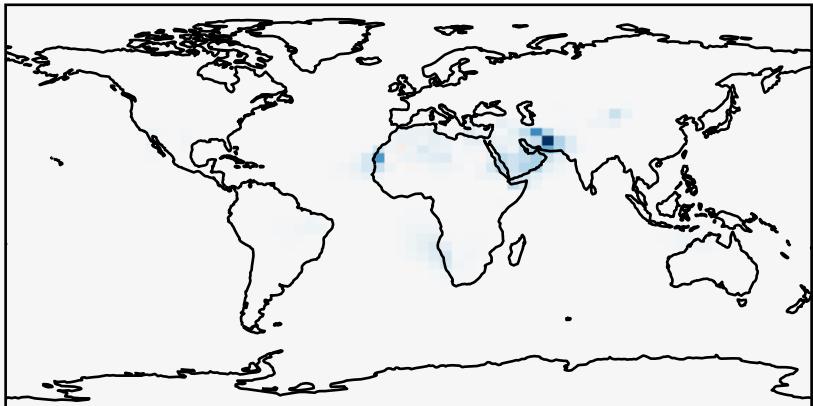
GC_12.7.0 (Ref)
4.0x5.0



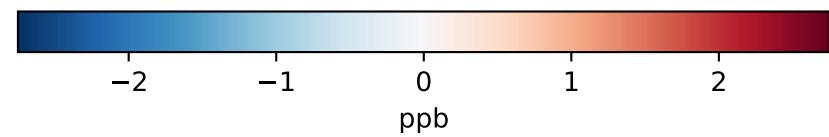
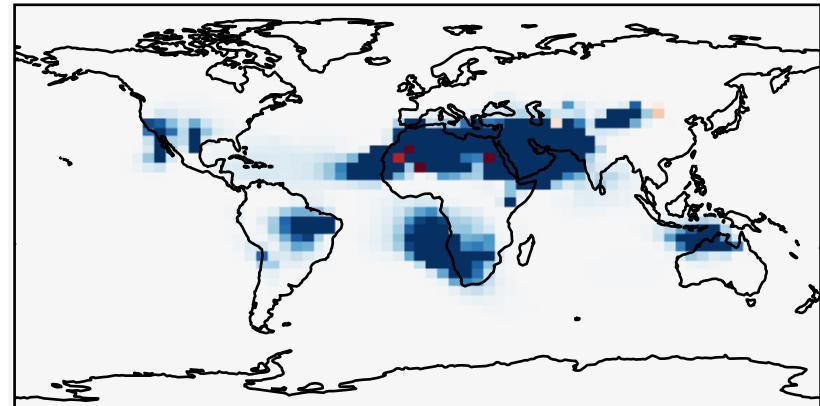
GC_12.8.0 (Dev)
4.0x5.0



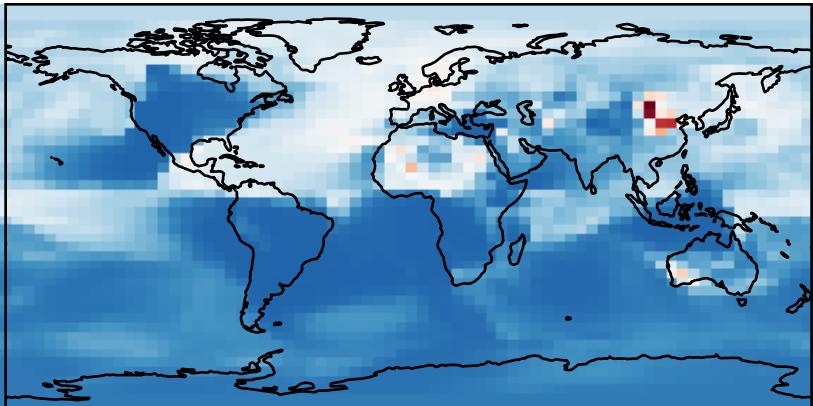
Difference
Dev - Ref, Dynamic Range



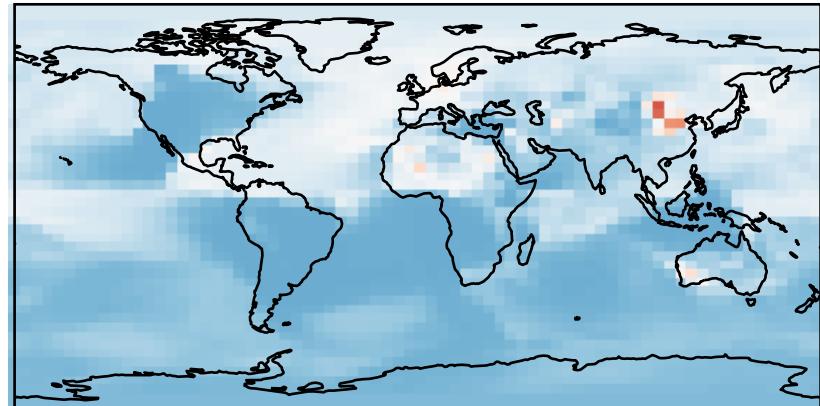
Difference
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference
(Dev-Ref)/Ref, Dynamic Range

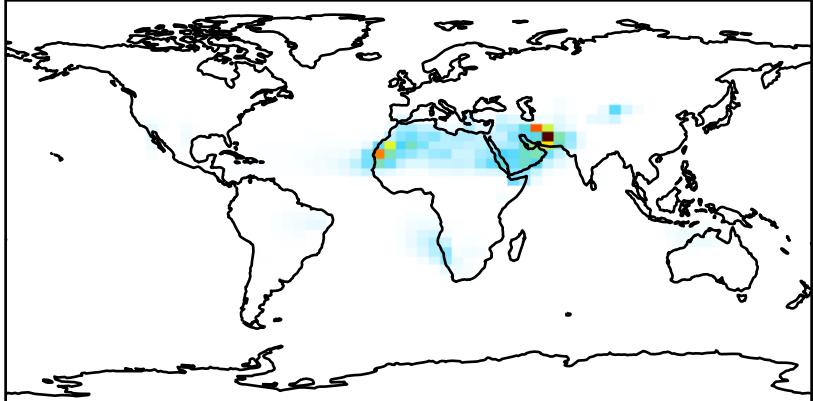


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

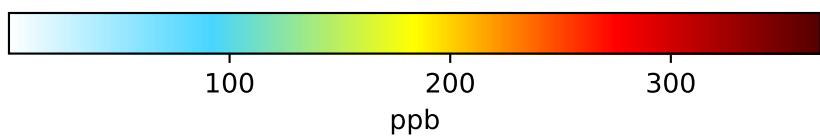
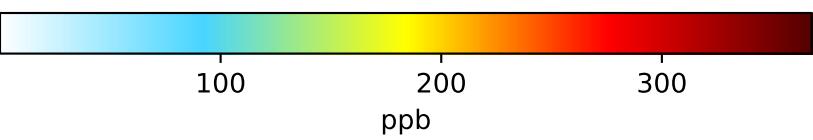
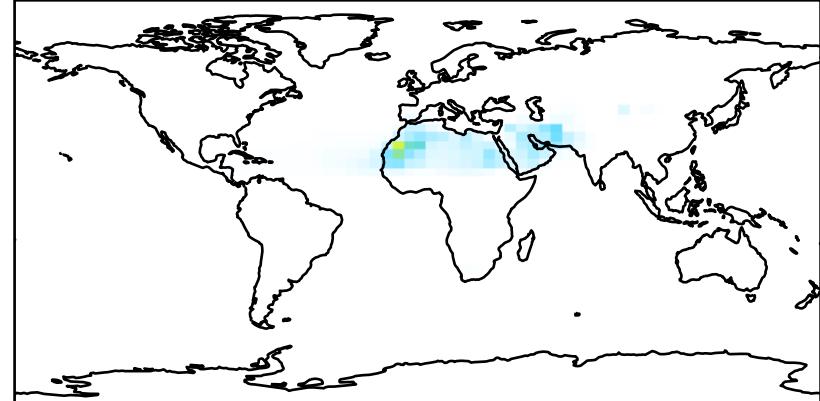


SpeciesConc_DST3

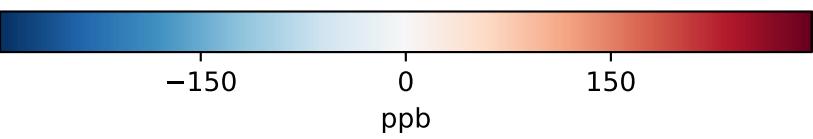
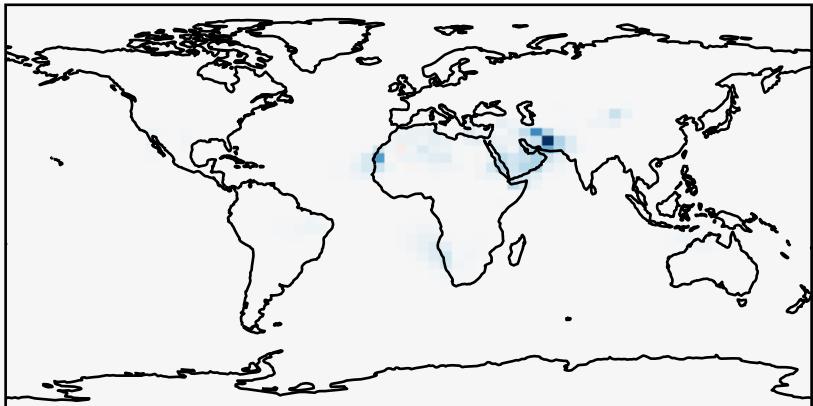
GC_12.7.0 (Ref)
4.0x5.0



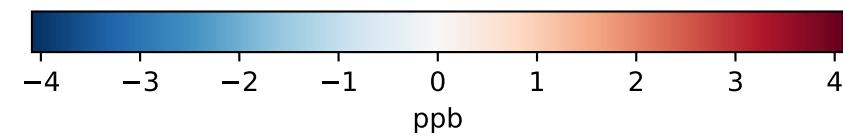
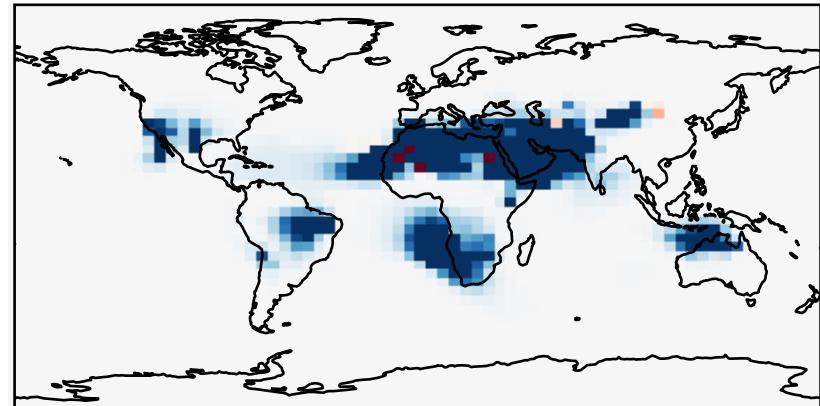
GC_12.8.0 (Dev)
4.0x5.0



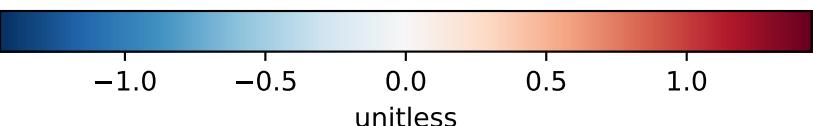
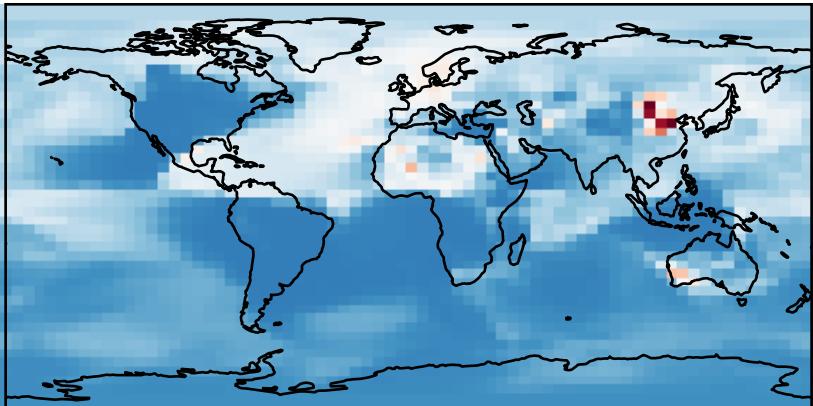
Difference
Dev - Ref, Dynamic Range



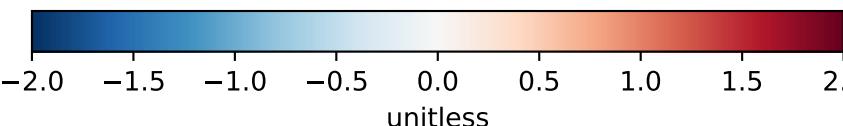
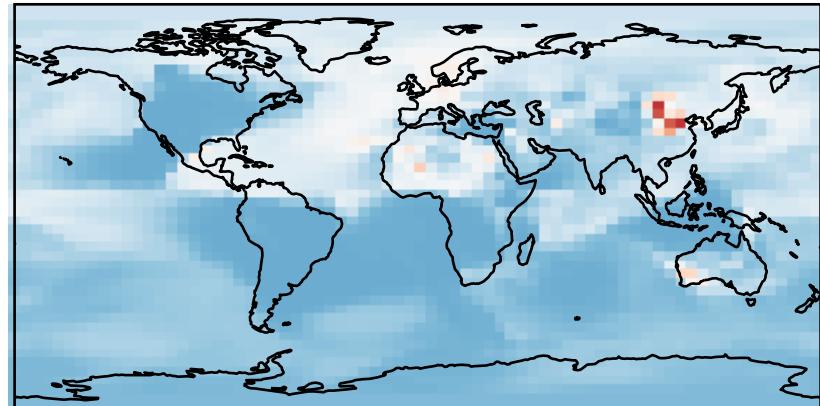
Difference
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference
(Dev-Ref)/Ref, Dynamic Range

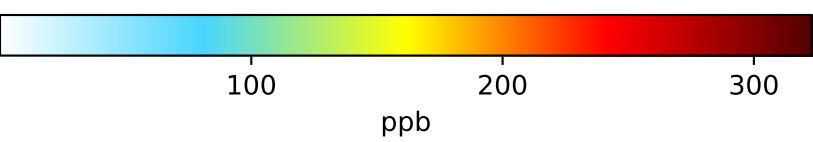
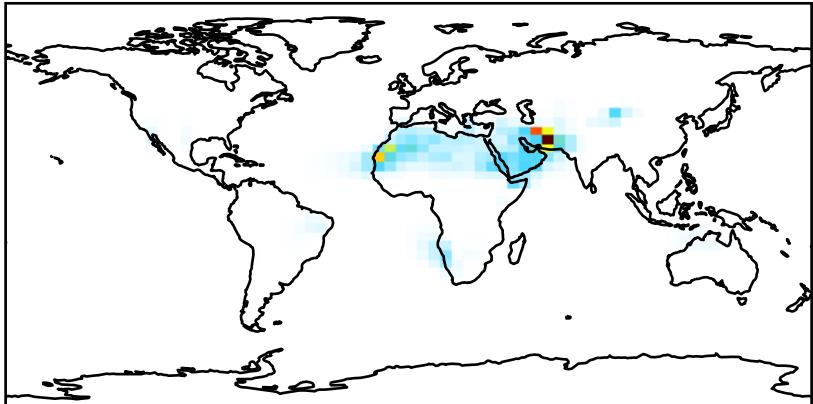


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

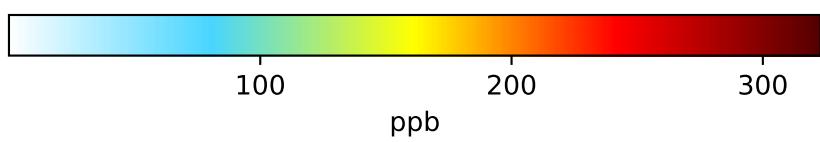
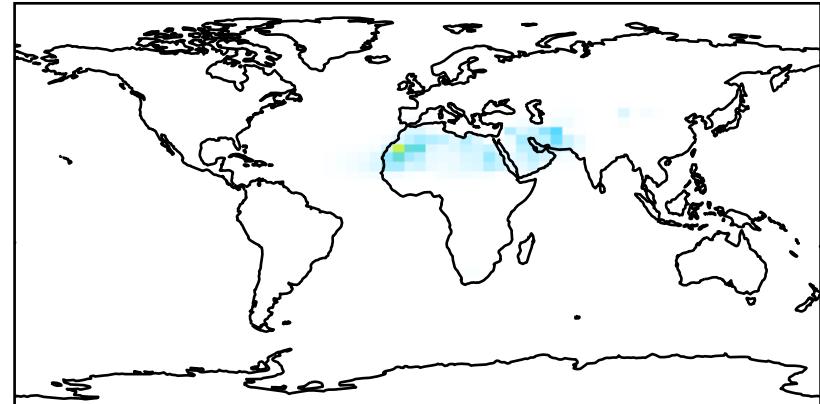


SpeciesConc_DST4

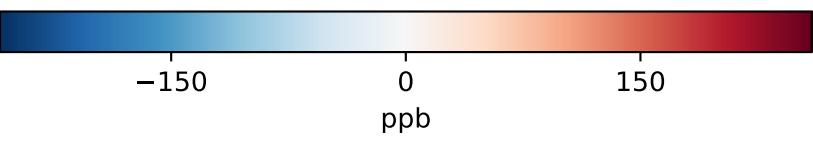
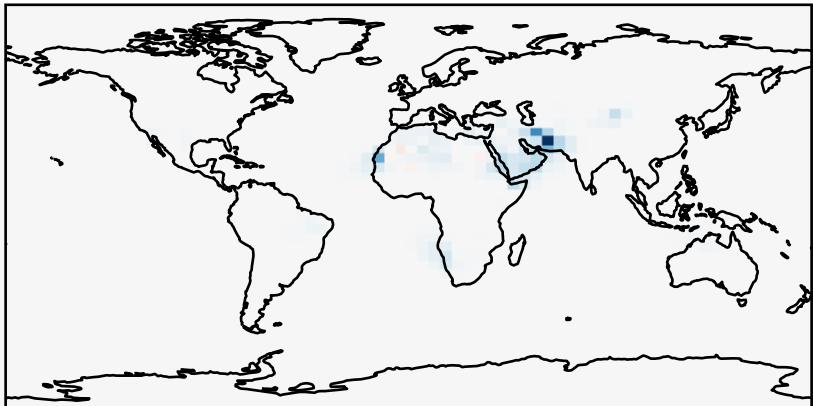
GC_12.7.0 (Ref)
4.0x5.0



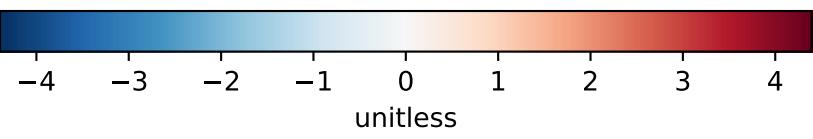
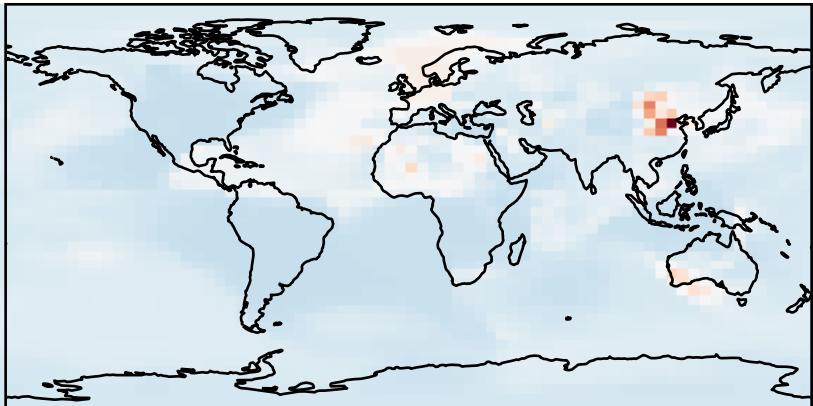
GC_12.8.0 (Dev)
4.0x5.0



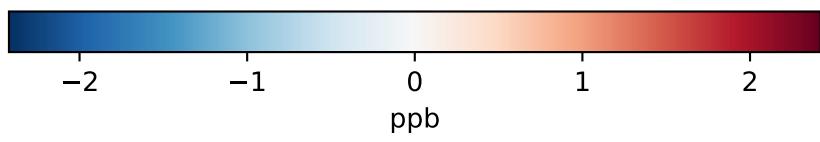
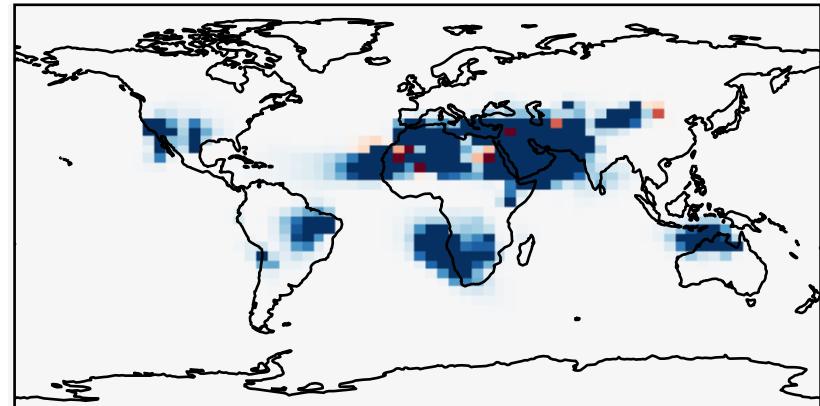
Difference
Dev - Ref, Dynamic Range



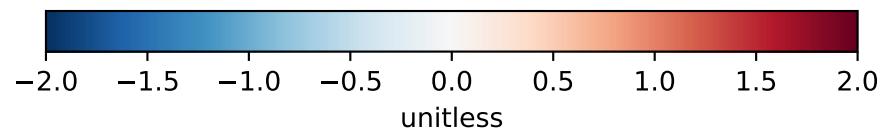
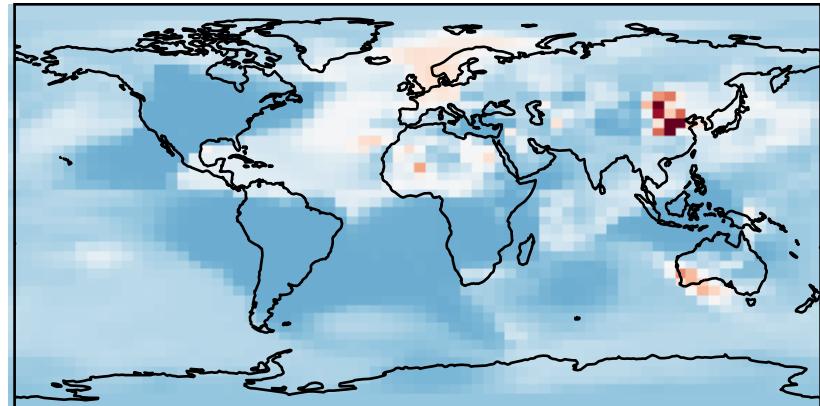
Fractional Difference
(Dev-Ref)/Ref, Dynamic Range



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

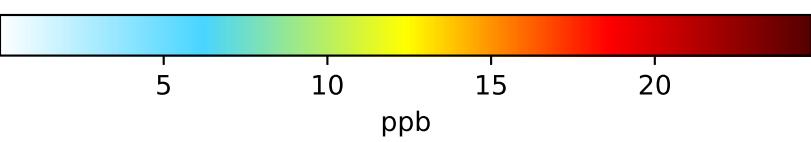
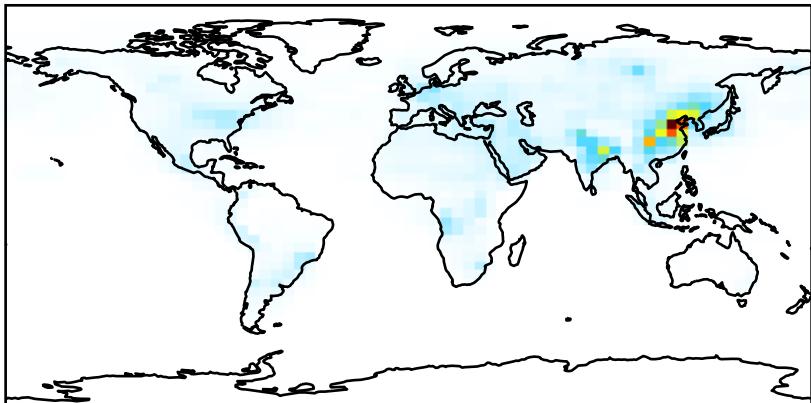


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

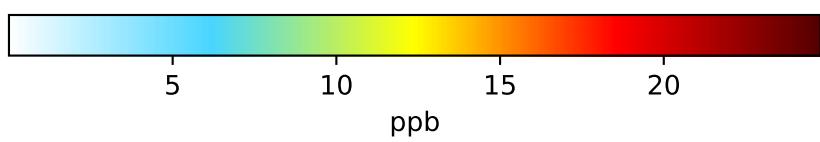
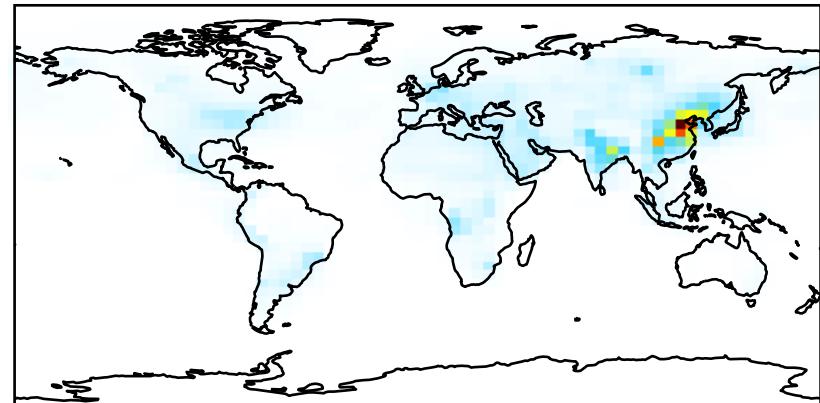


SpeciesConc_NH4

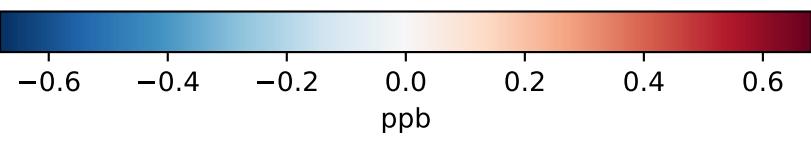
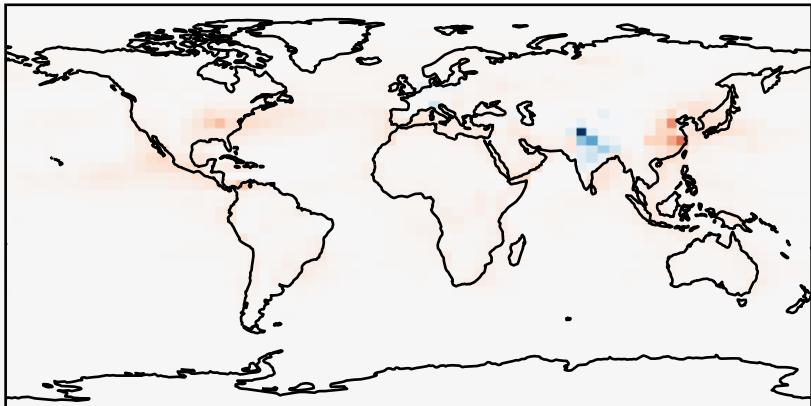
GC_12.7.0 (Ref)
4.0x5.0



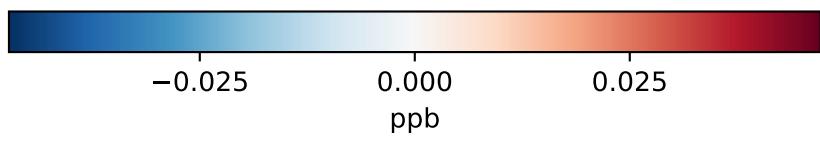
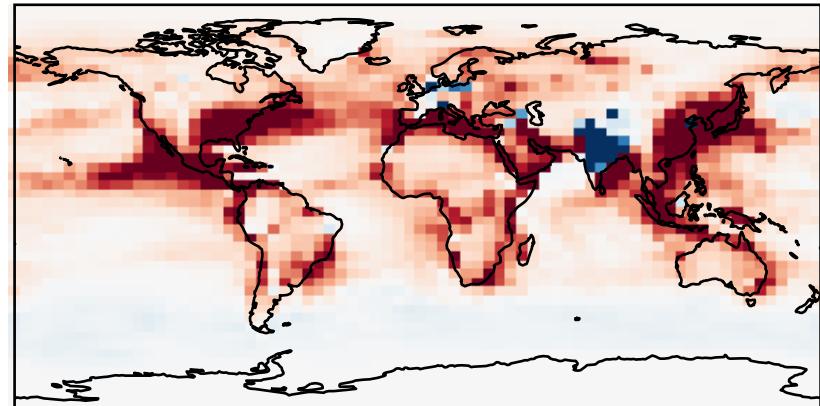
GC_12.8.0 (Dev)
4.0x5.0



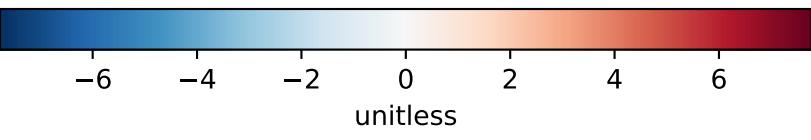
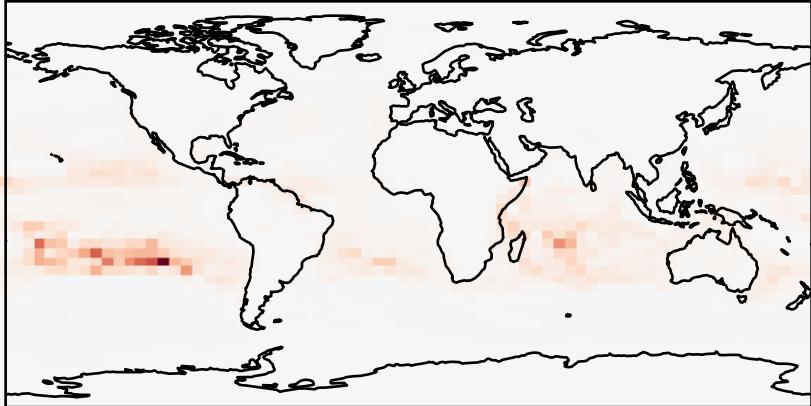
Difference
Dev - Ref, Dynamic Range



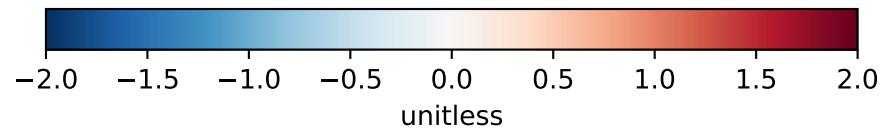
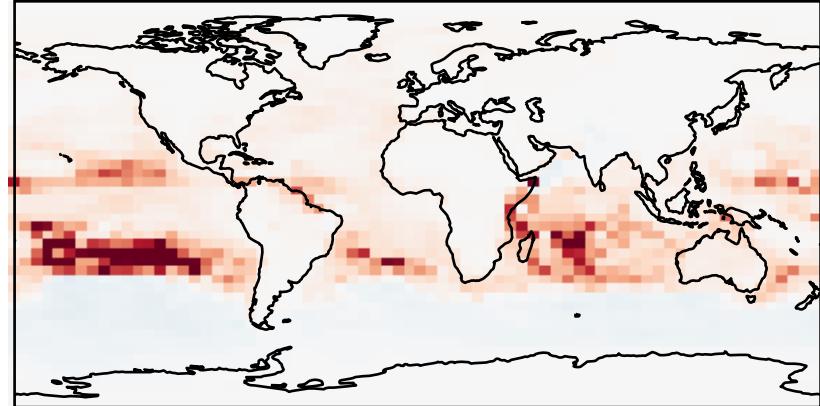
Difference
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference
(Dev-Ref)/Ref, Dynamic Range

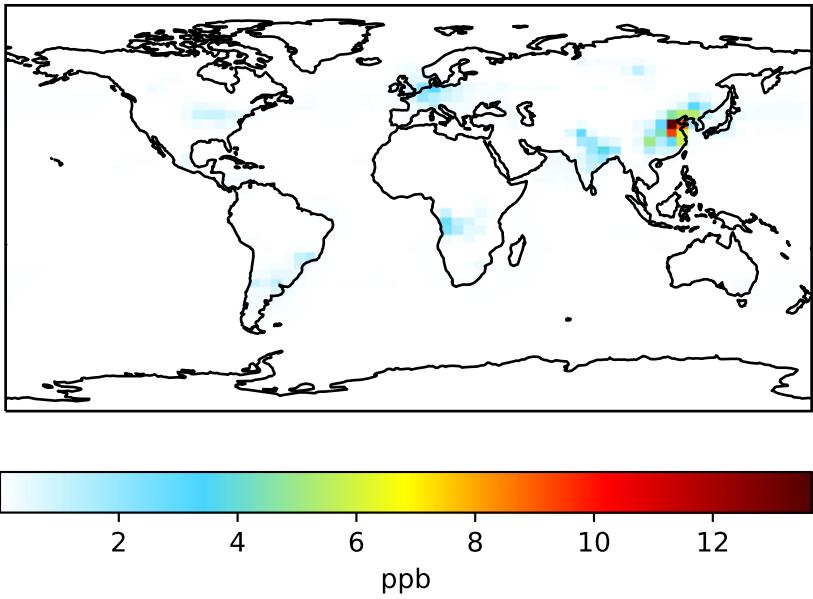


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

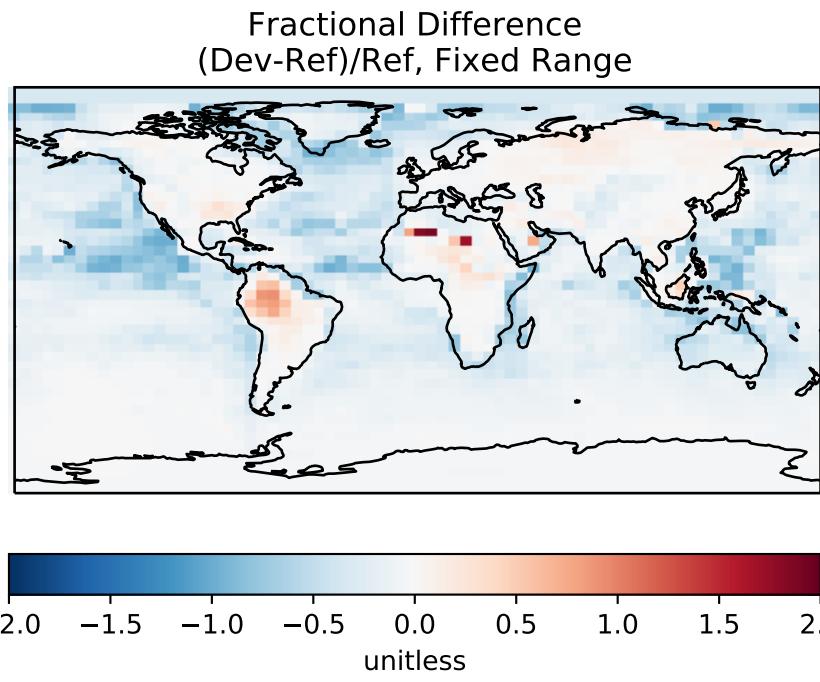
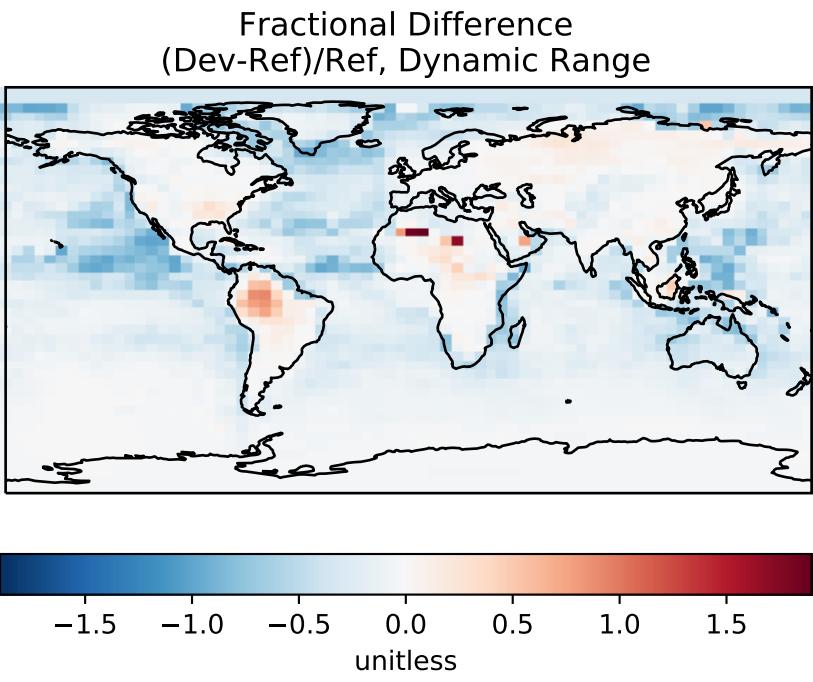
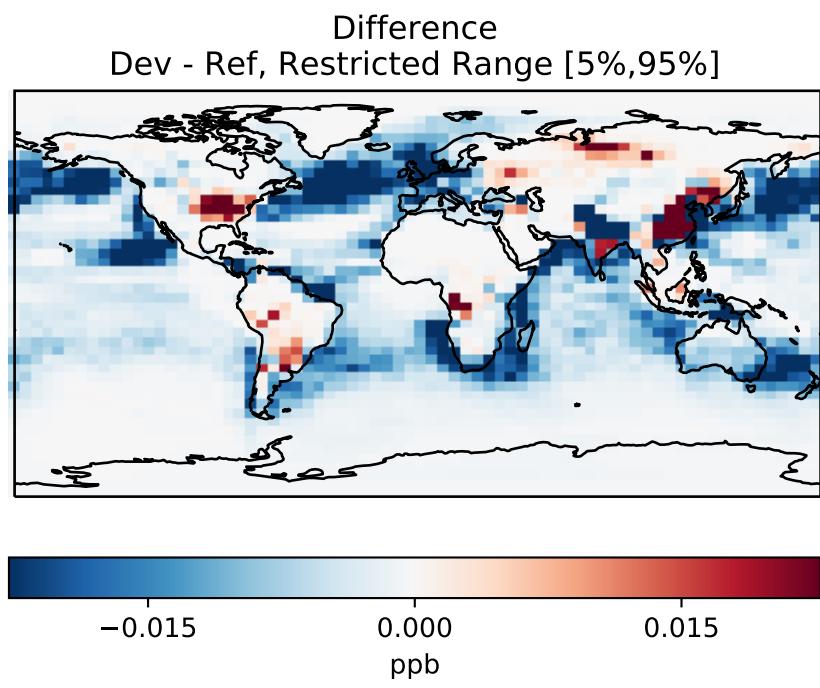
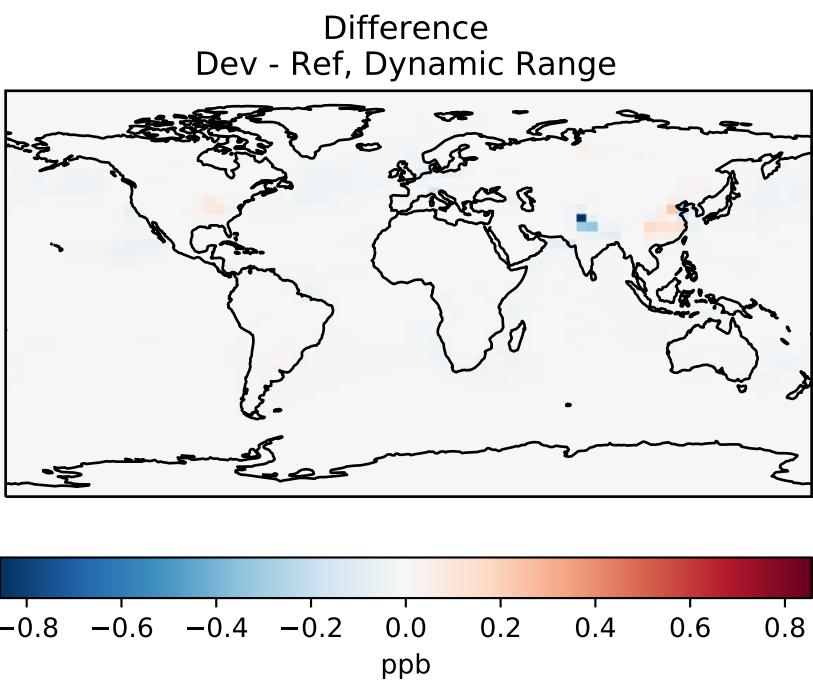
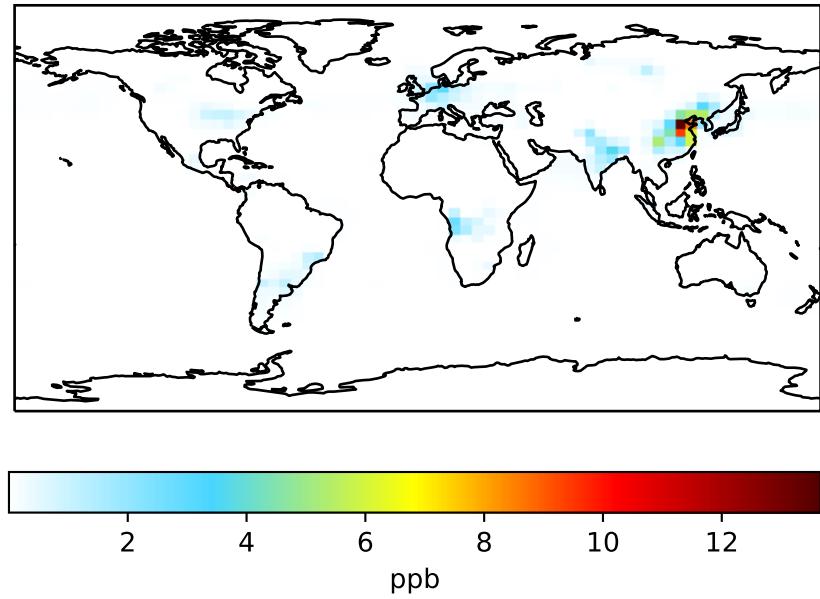


SpeciesConc_NIT

GC_12.7.0 (Ref)
4.0x5.0

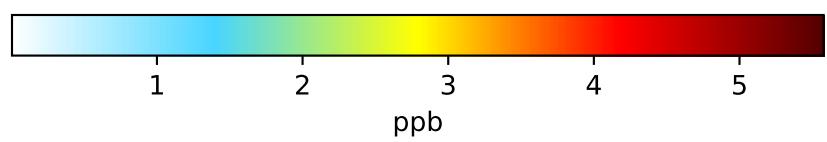
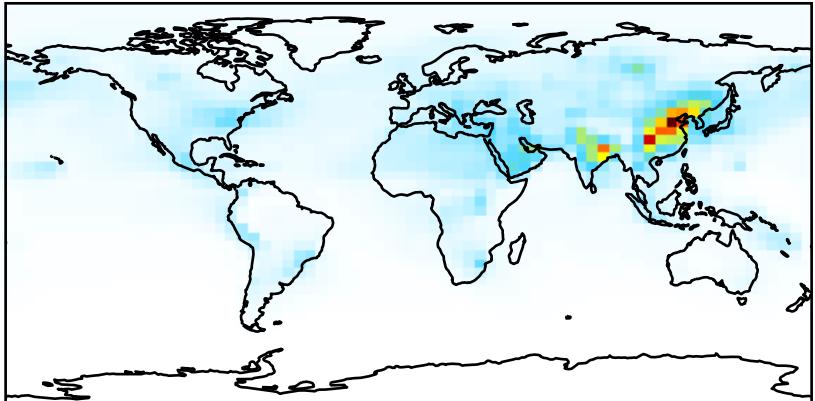


GC_12.8.0 (Dev)
4.0x5.0

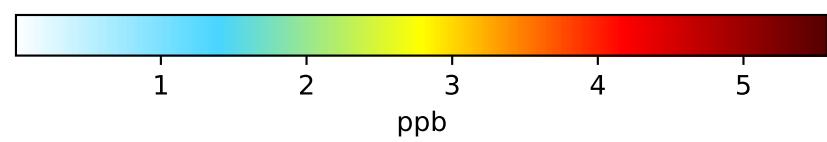
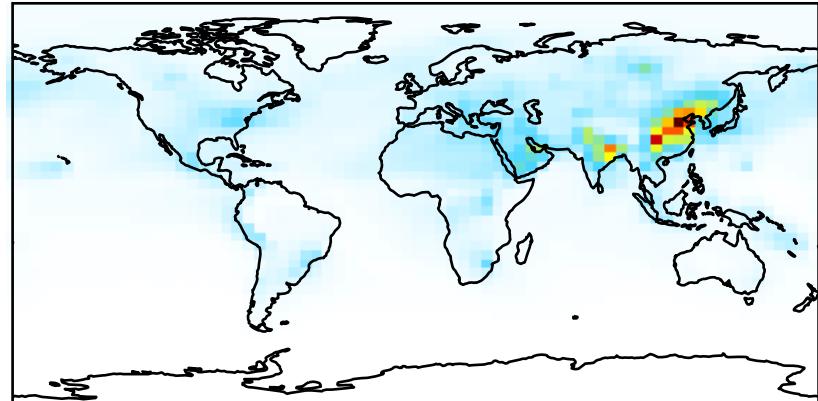


SpeciesConc_SO4

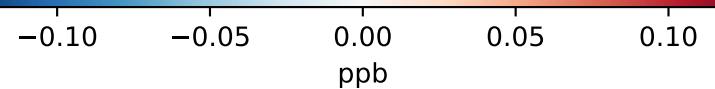
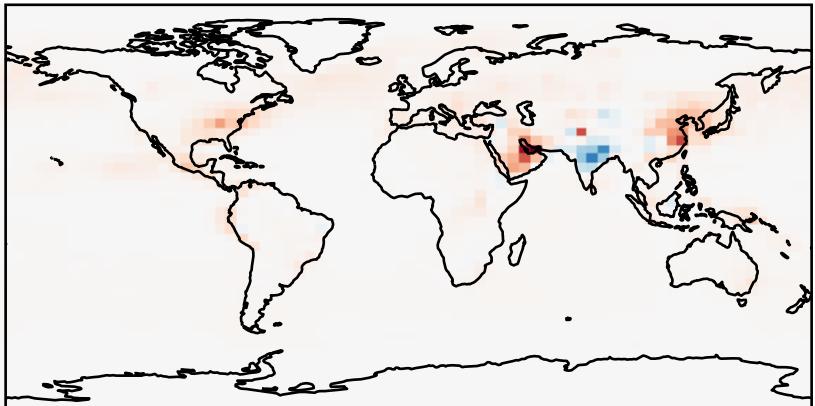
GC_12.7.0 (Ref)
4.0x5.0



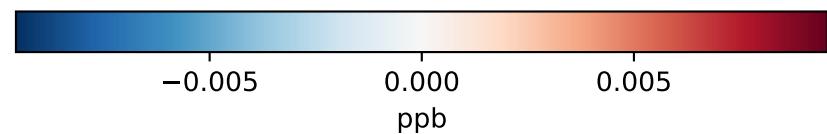
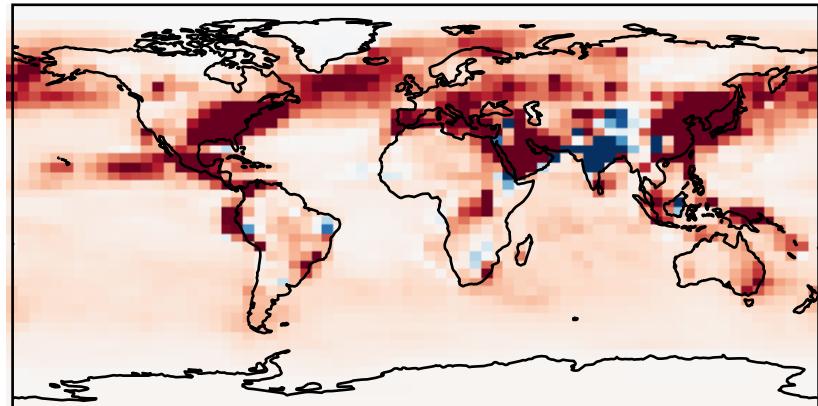
GC_12.8.0 (Dev)
4.0x5.0



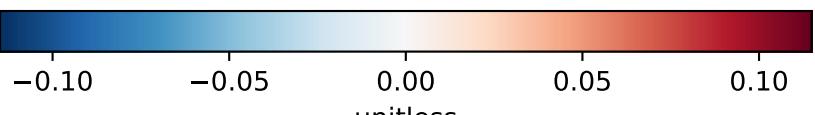
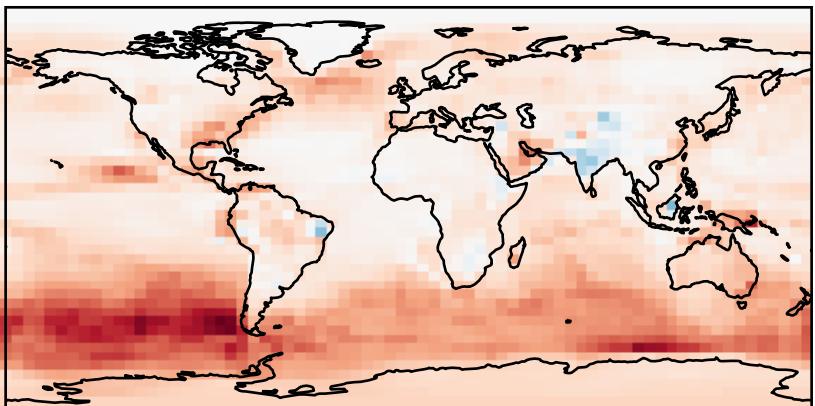
Difference
Dev - Ref, Dynamic Range



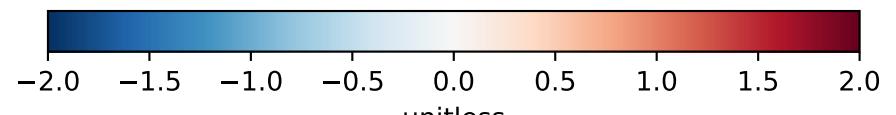
Difference
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference
(Dev-Ref)/Ref, Dynamic Range

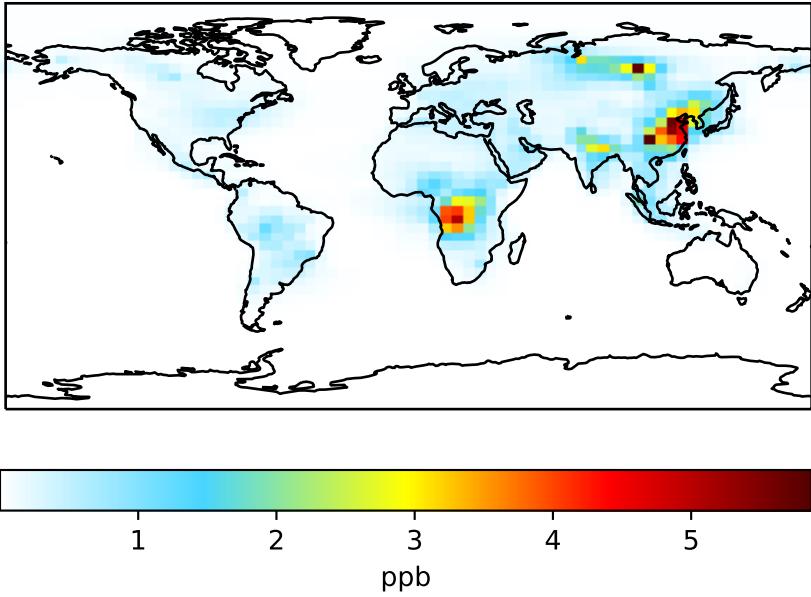


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

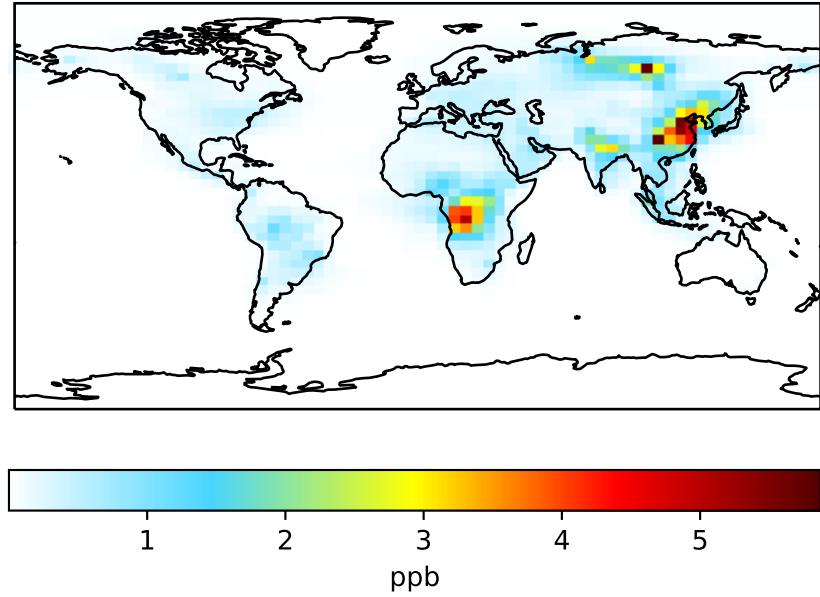


SpeciesConc_BCPI

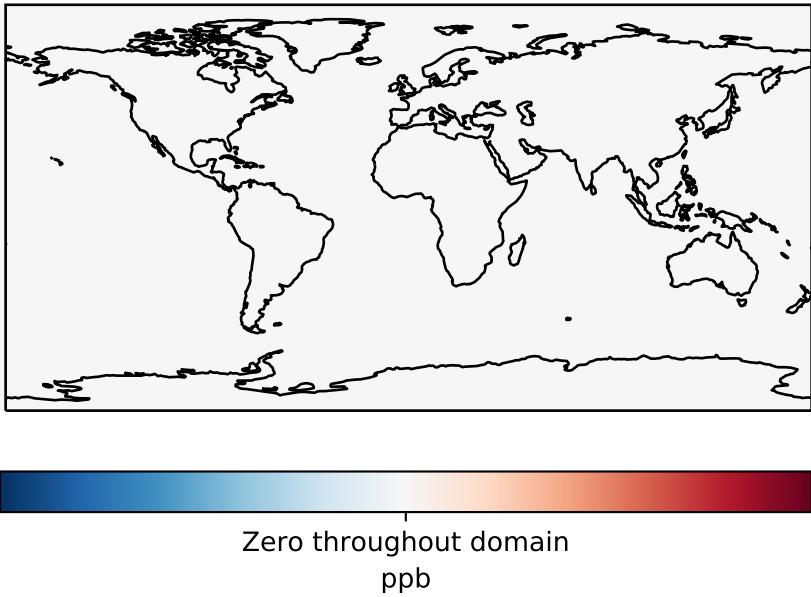
GC_12.7.0 (Ref)
4.0x5.0



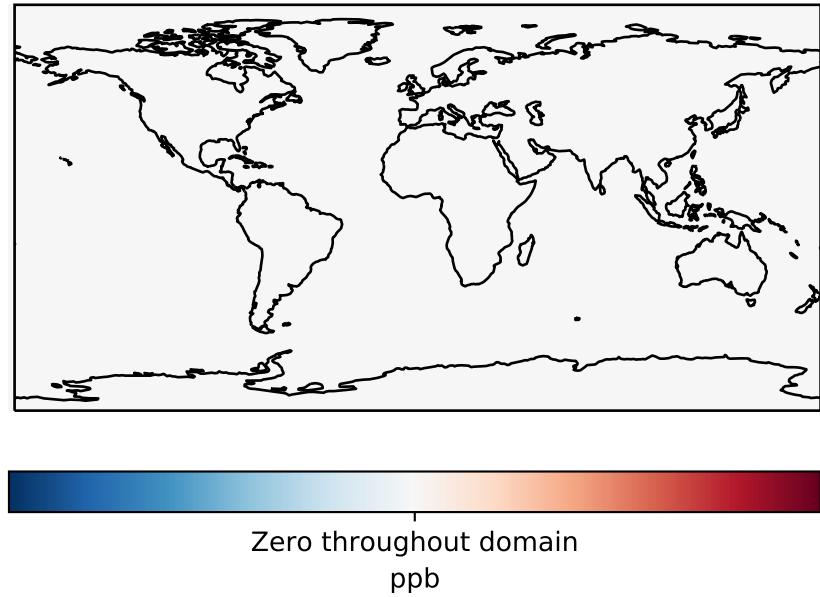
GC_12.8.0 (Dev)
4.0x5.0



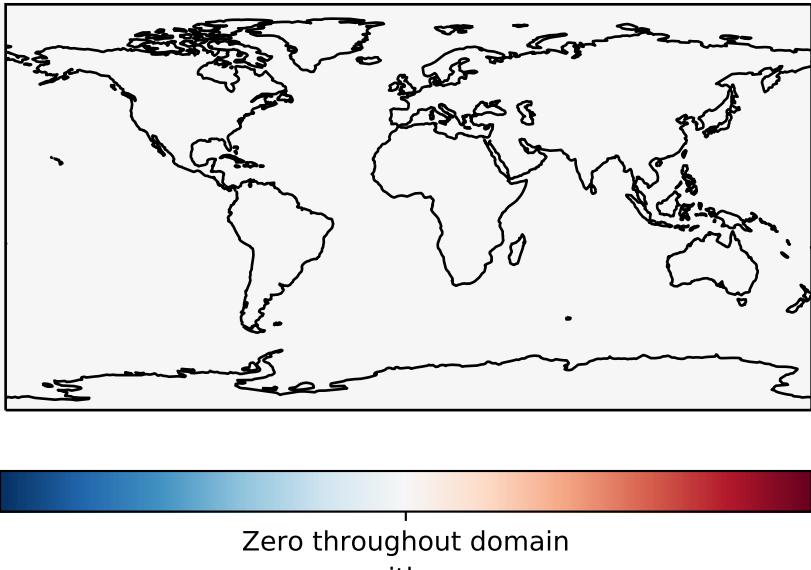
Difference
Dev - Ref, Dynamic Range



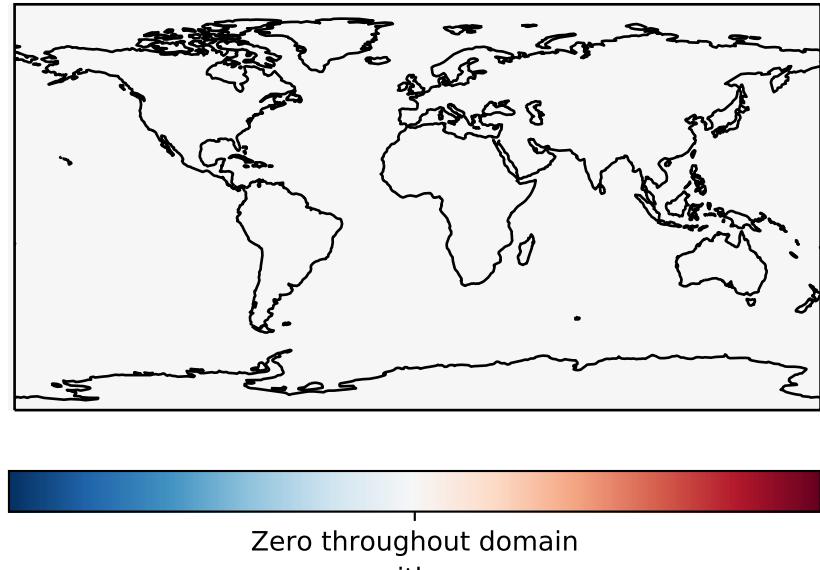
Difference
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference
(Dev-Ref)/Ref, Dynamic Range

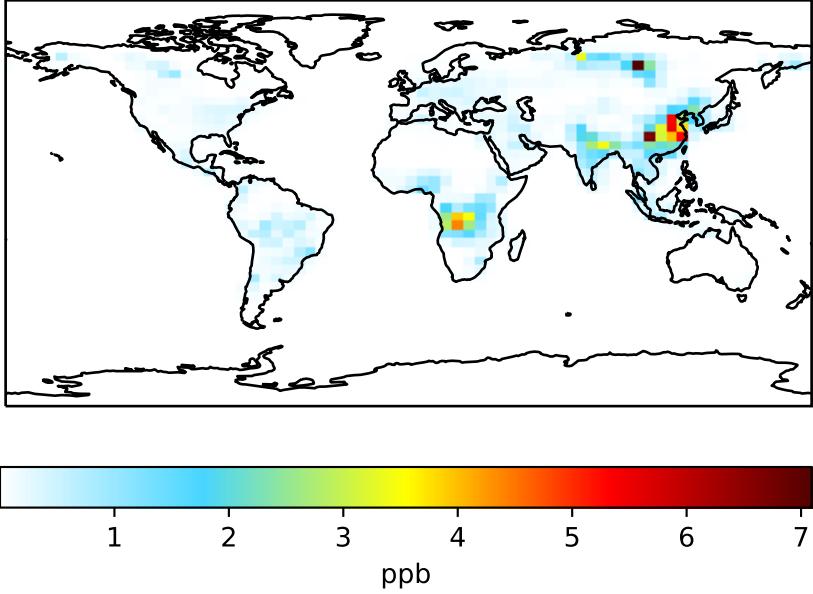


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

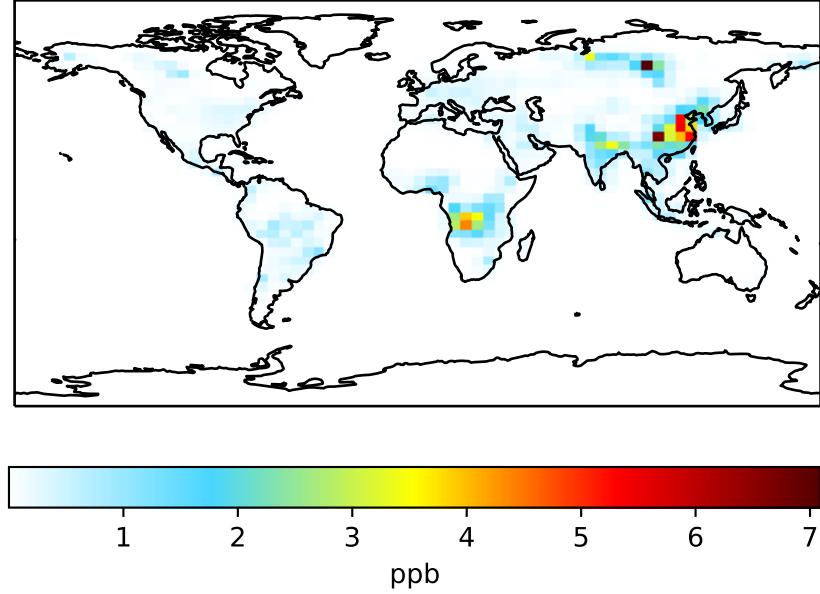


SpeciesConc_BCPO

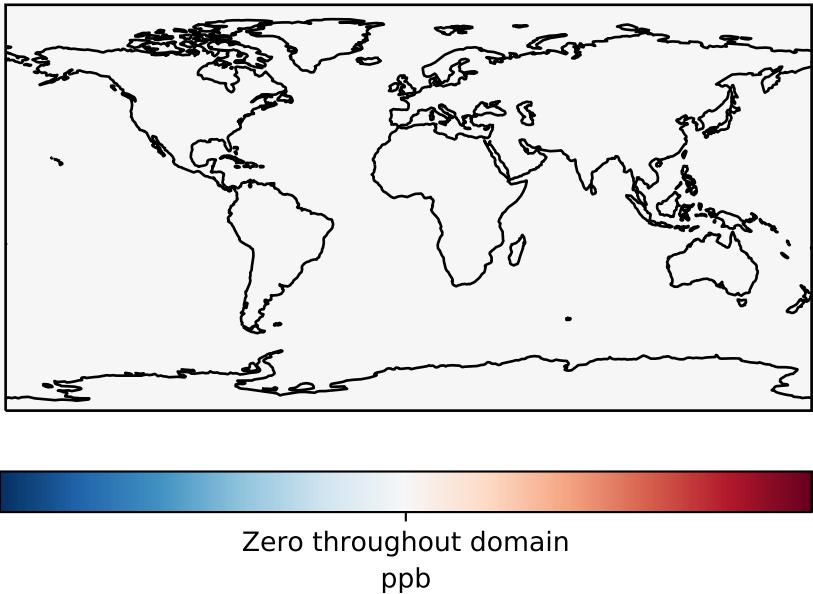
GC_12.7.0 (Ref)
4.0x5.0



GC_12.8.0 (Dev)
4.0x5.0

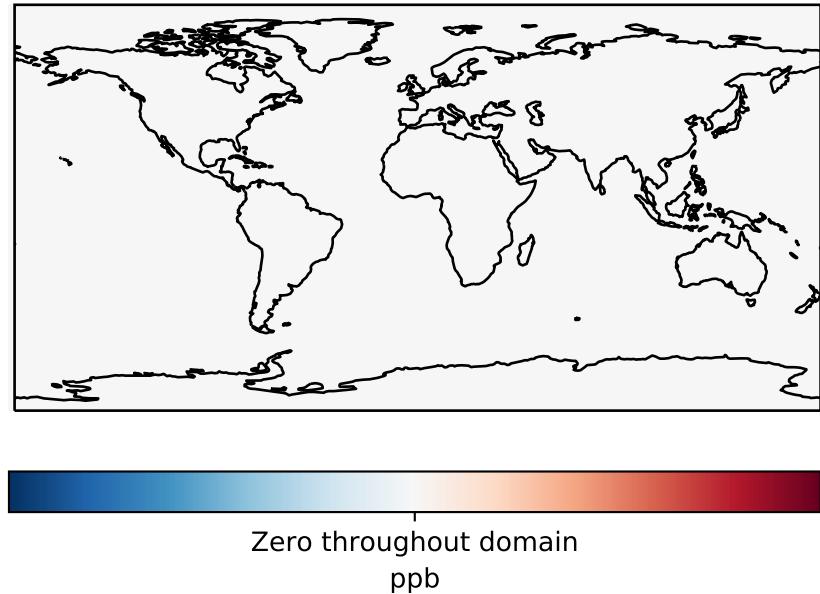


Difference
Dev - Ref, Dynamic Range



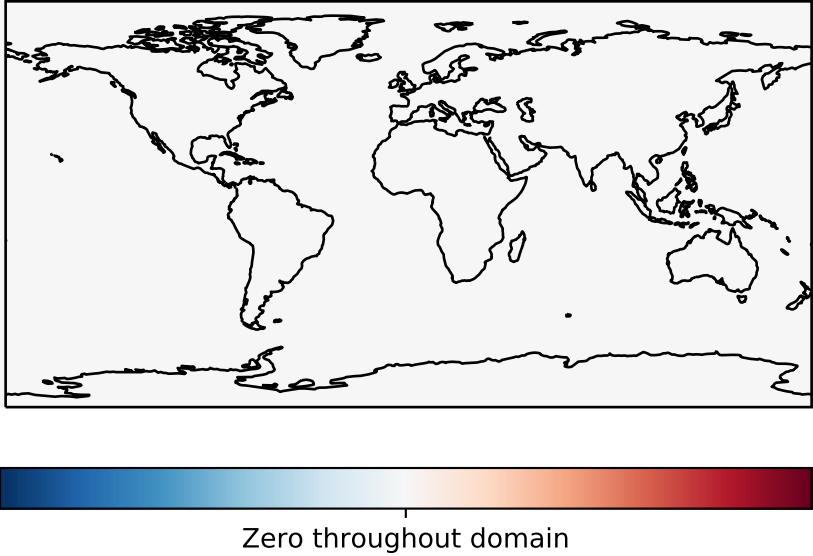
Zero throughout domain
ppb

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



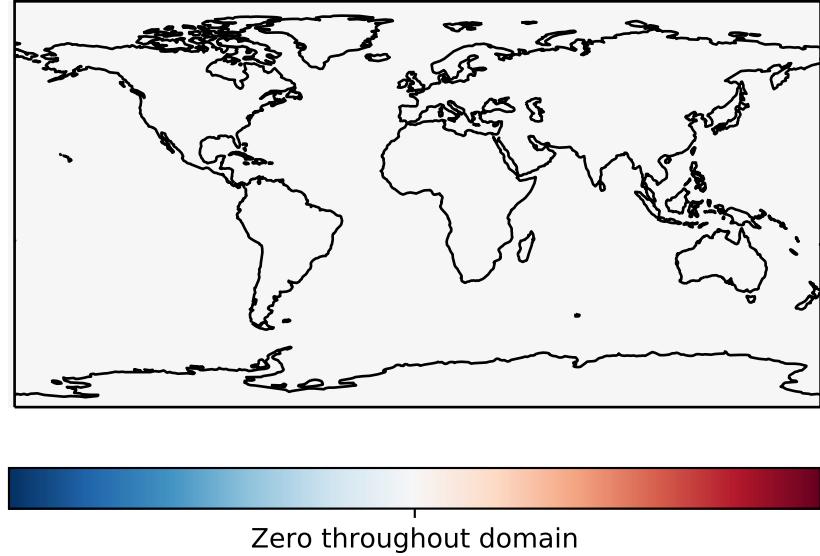
Zero throughout domain
ppb

Fractional Difference
(Dev-Ref)/Ref, Dynamic Range



Zero throughout domain
unitless

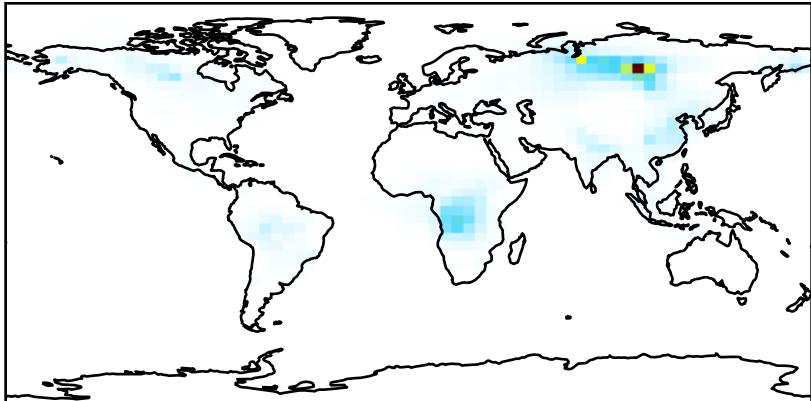
Fractional Difference
(Dev-Ref)/Ref, Fixed Range



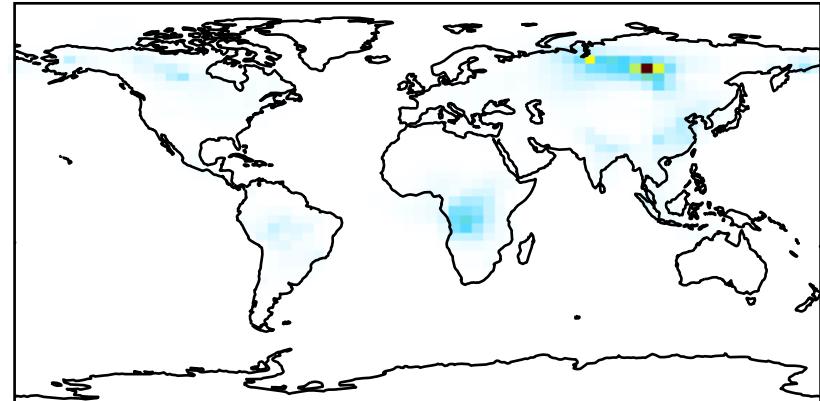
Zero throughout domain
unitless

SpeciesConc_OCPI

GC_12.7.0 (Ref)
4.0x5.0



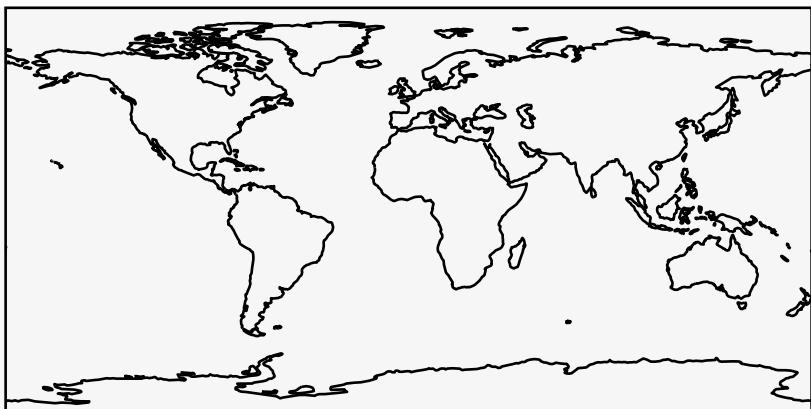
GC_12.8.0 (Dev)
4.0x5.0



50 100 150
ppb

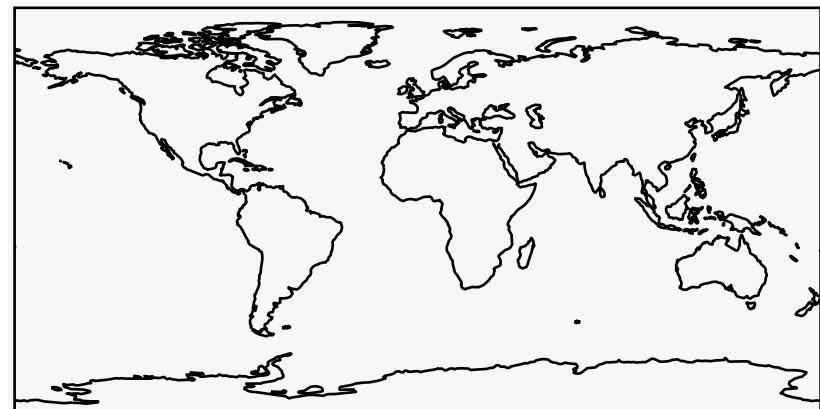
50 100 150
ppb

Difference
Dev - Ref, Dynamic Range



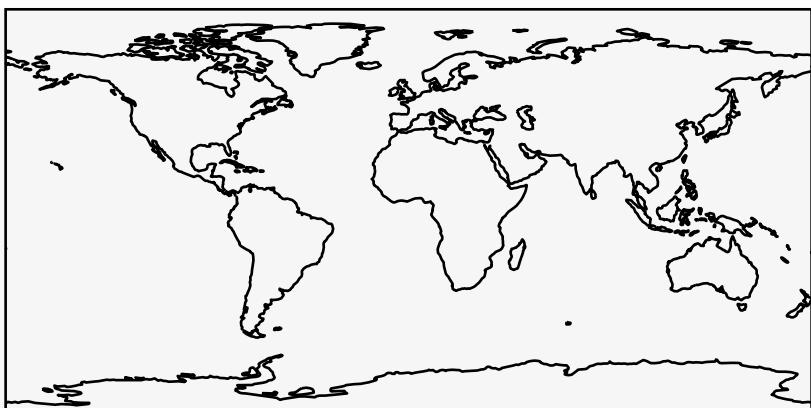
Zero throughout domain
ppb

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



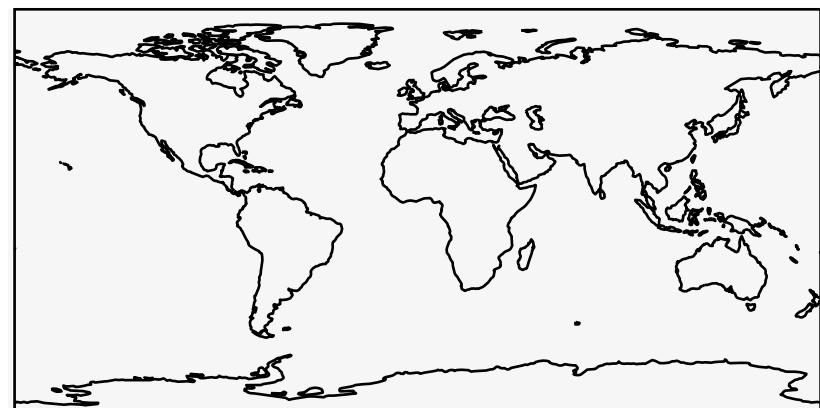
Zero throughout domain
ppb

Fractional Difference
(Dev-Ref)/Ref, Dynamic Range



Zero throughout domain
unitless

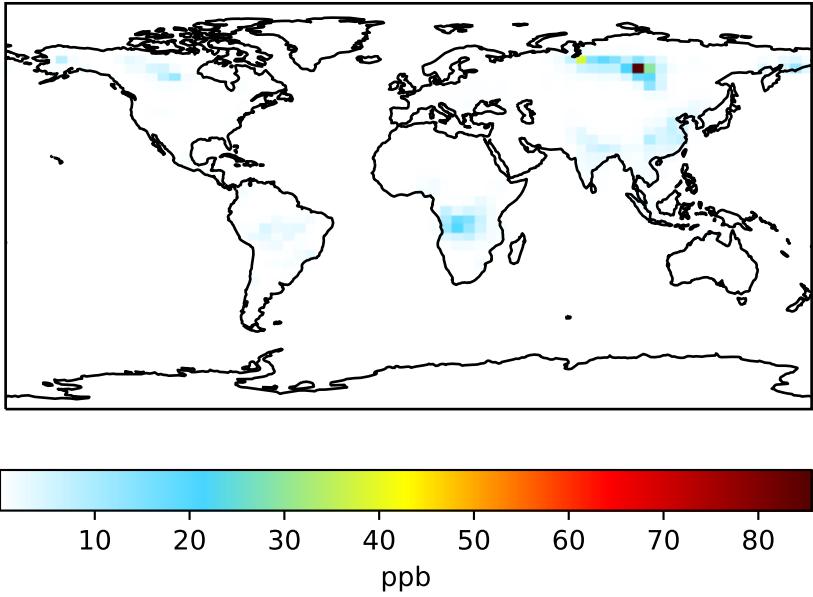
Fractional Difference
(Dev-Ref)/Ref, Fixed Range



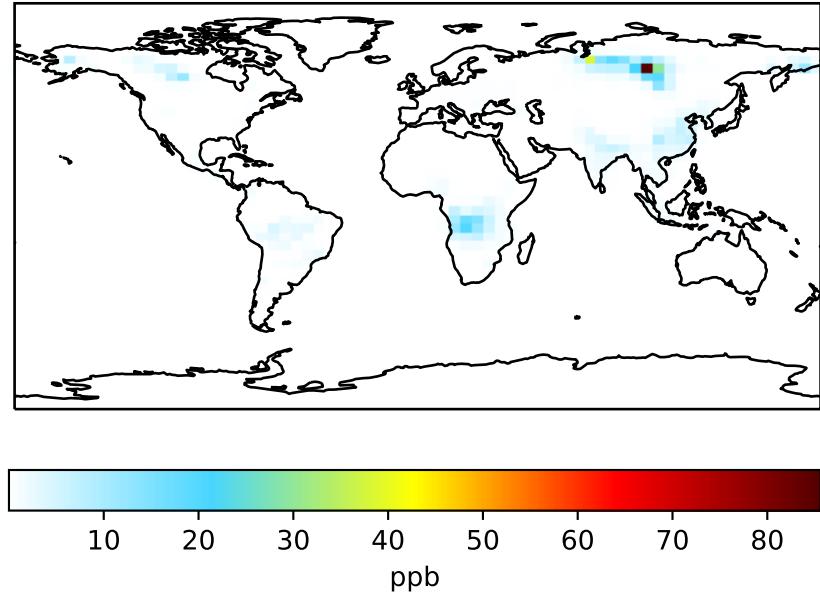
Zero throughout domain
unitless

SpeciesConc_OCPO

GC_12.7.0 (Ref)
4.0x5.0



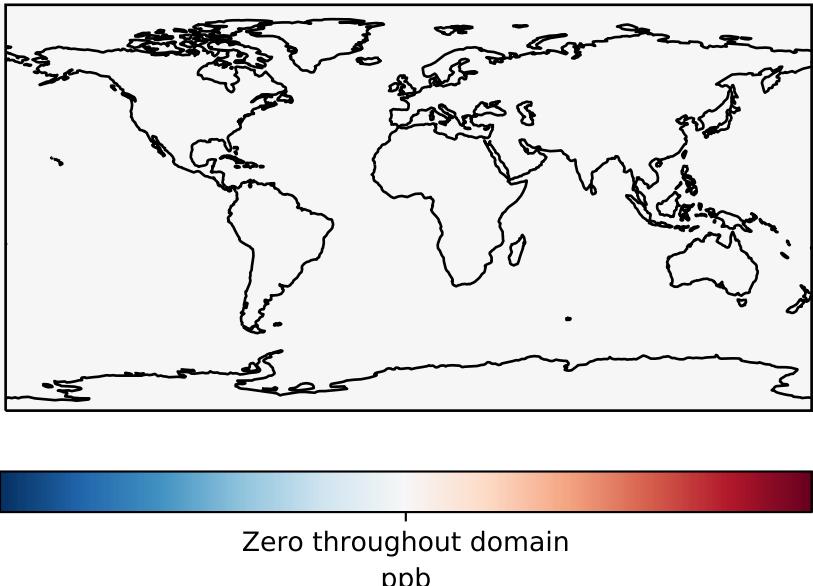
GC_12.8.0 (Dev)
4.0x5.0



10 20 30 40 50 60 70 80
ppb

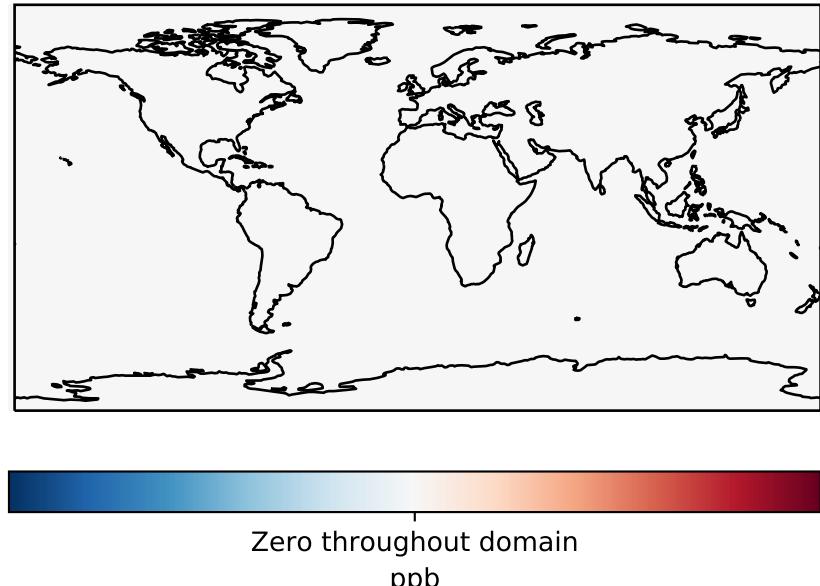
10 20 30 40 50 60 70 80
ppb

Difference
Dev - Ref, Dynamic Range



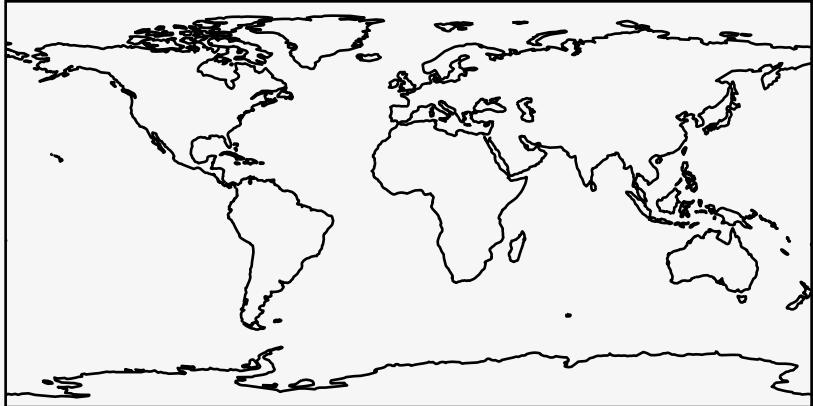
Zero throughout domain
ppb

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



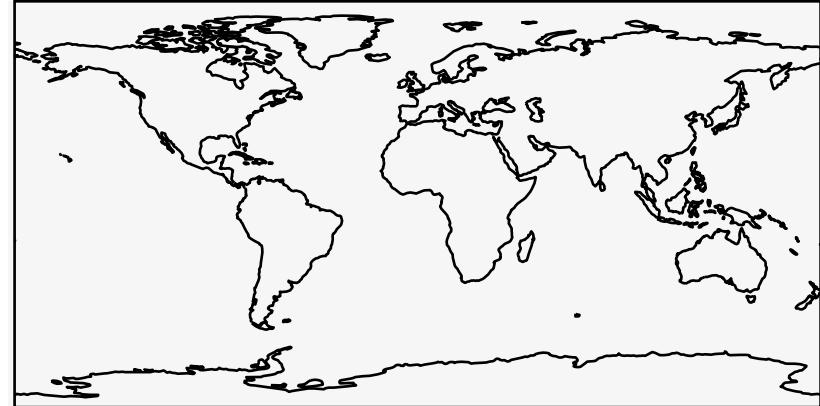
Zero throughout domain
ppb

Fractional Difference
(Dev-Ref)/Ref, Dynamic Range



Zero throughout domain
unitless

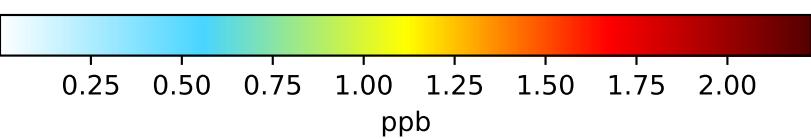
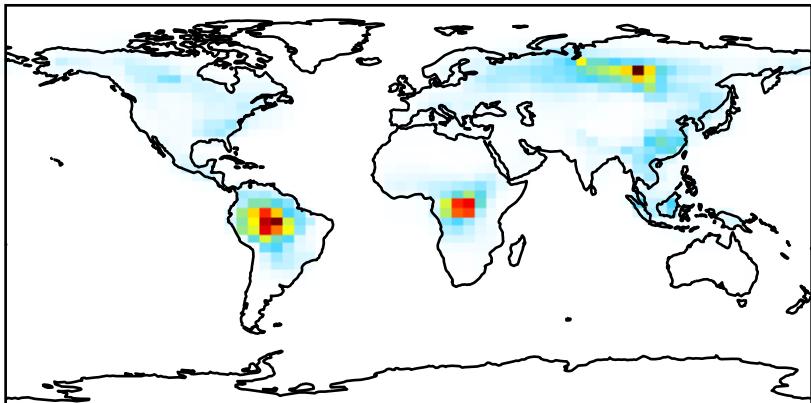
Fractional Difference
(Dev-Ref)/Ref, Fixed Range



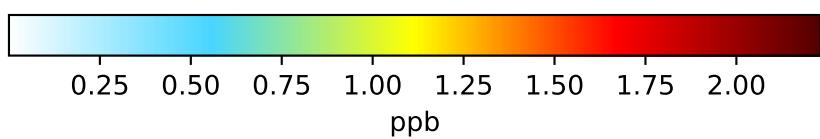
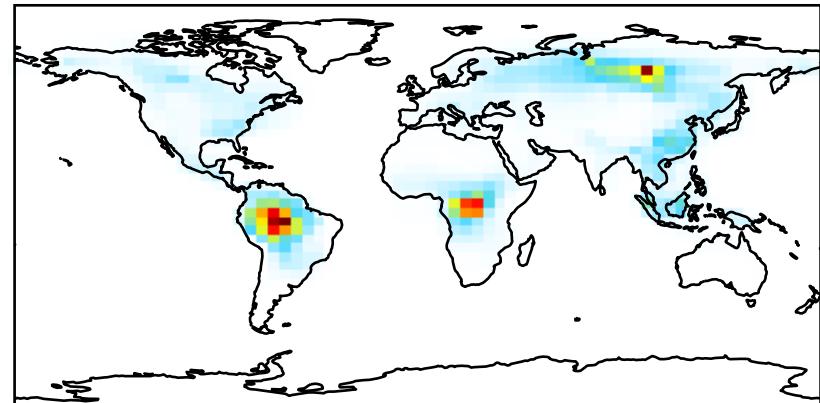
Zero throughout domain
unitless

SpeciesConc_Complex_SOA

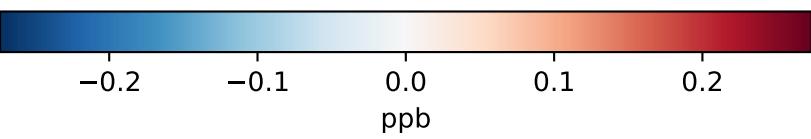
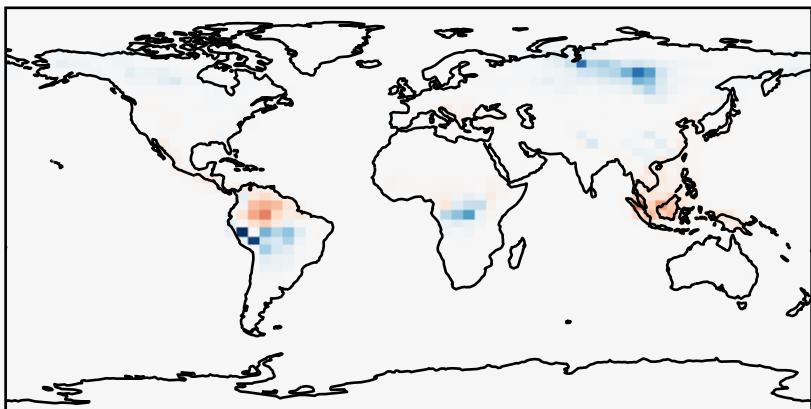
GC_12.7.0 (Ref)
4.0x5.0



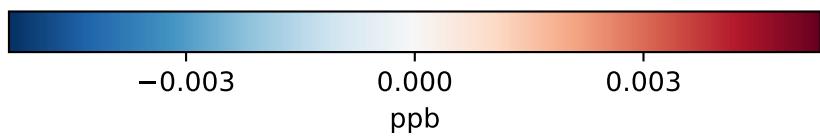
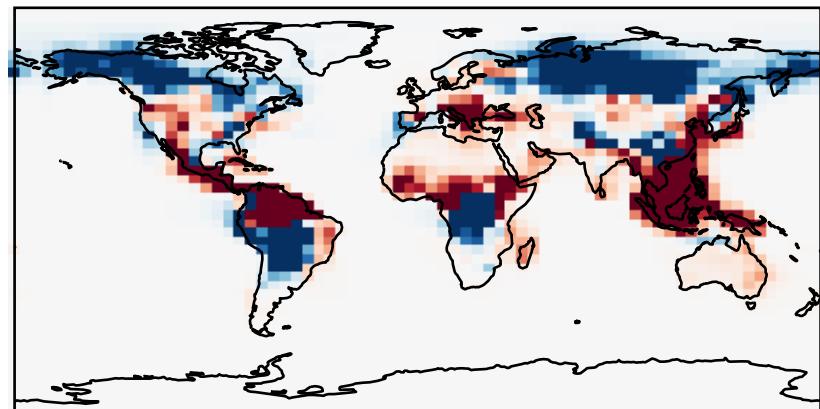
GC_12.8.0 (Dev)
4.0x5.0



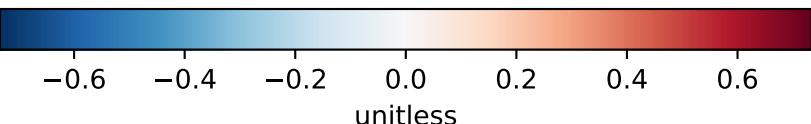
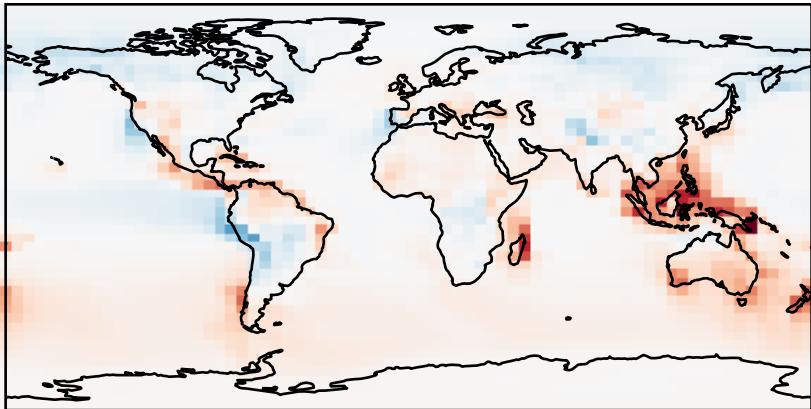
Difference
Dev - Ref, Dynamic Range



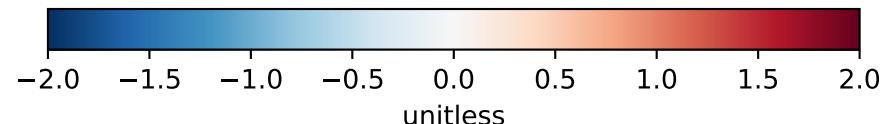
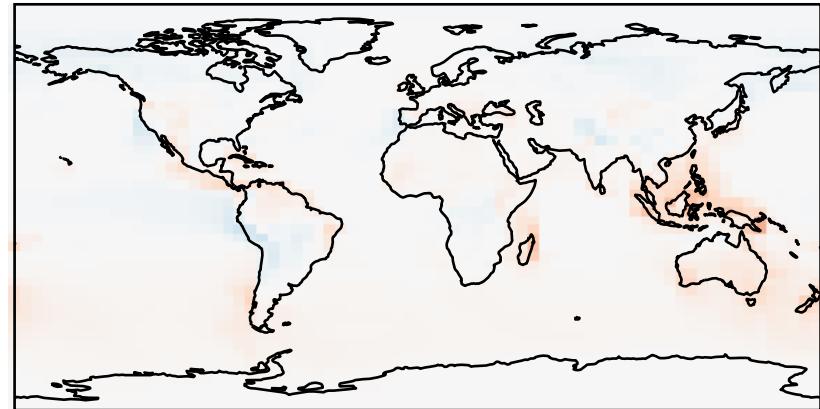
Difference
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference
(Dev-Ref)/Ref, Dynamic Range

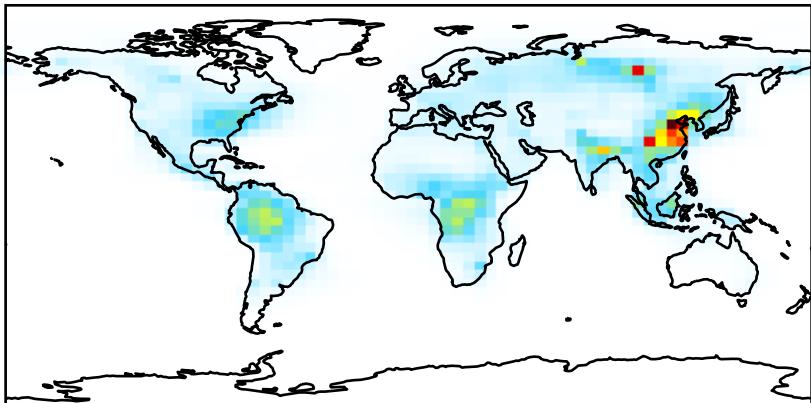


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

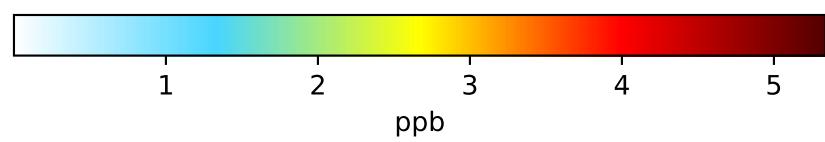
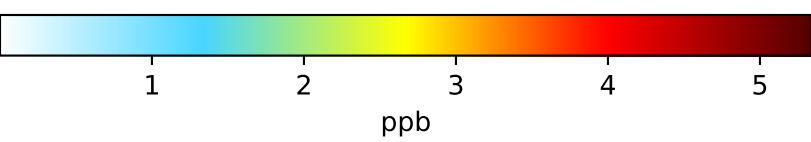
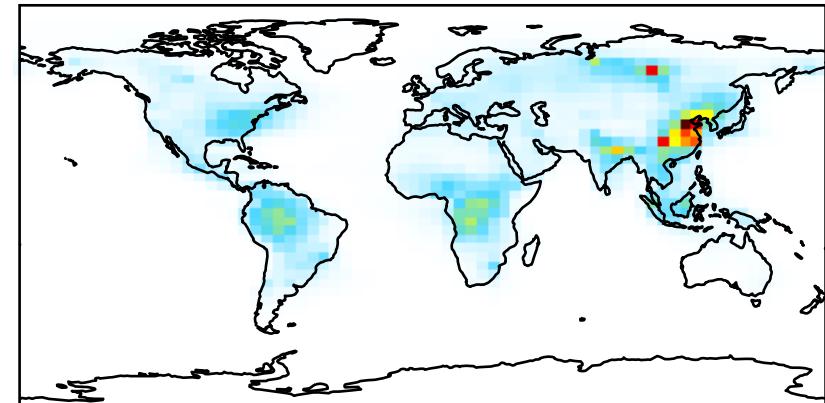


SpeciesConc_Simple_SOA

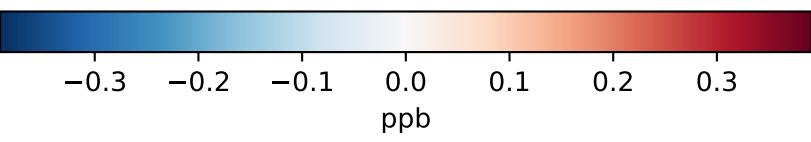
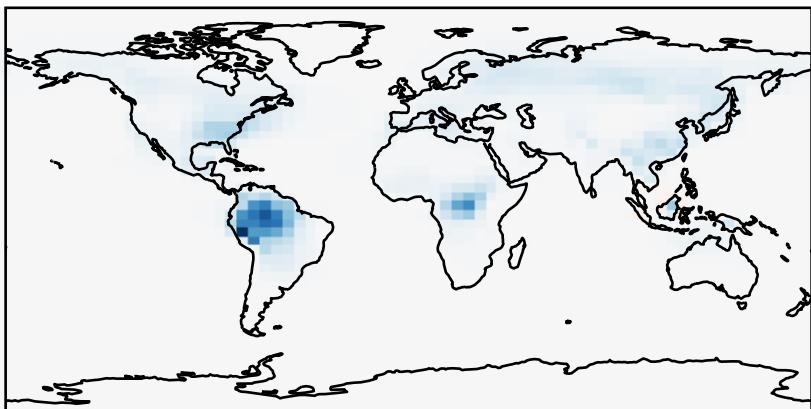
GC_12.7.0 (Ref)
4.0x5.0



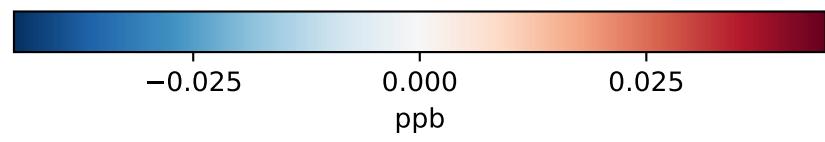
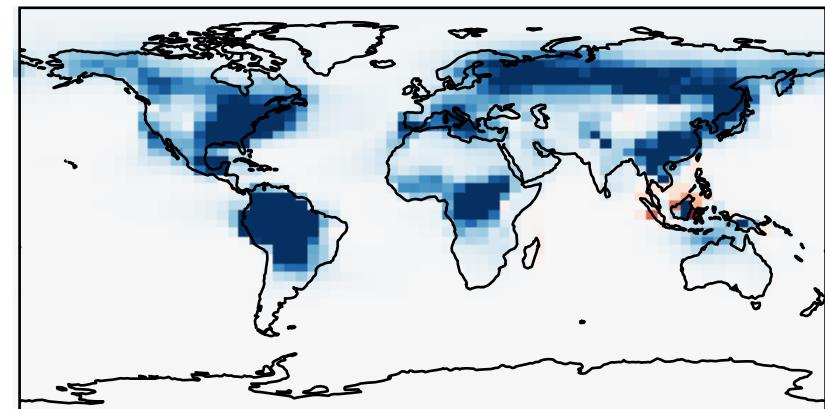
GC_12.8.0 (Dev)
4.0x5.0



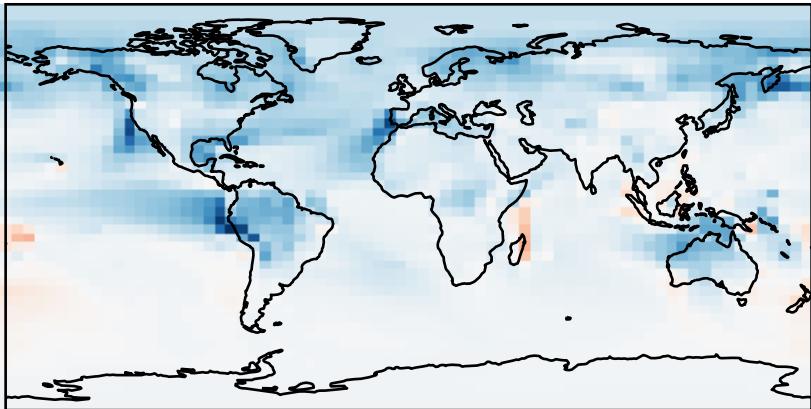
Difference
Dev - Ref, Dynamic Range



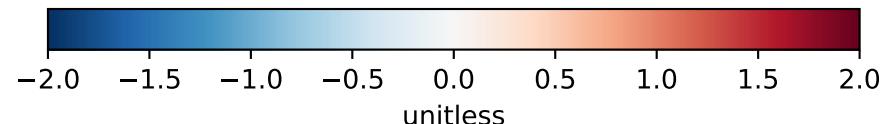
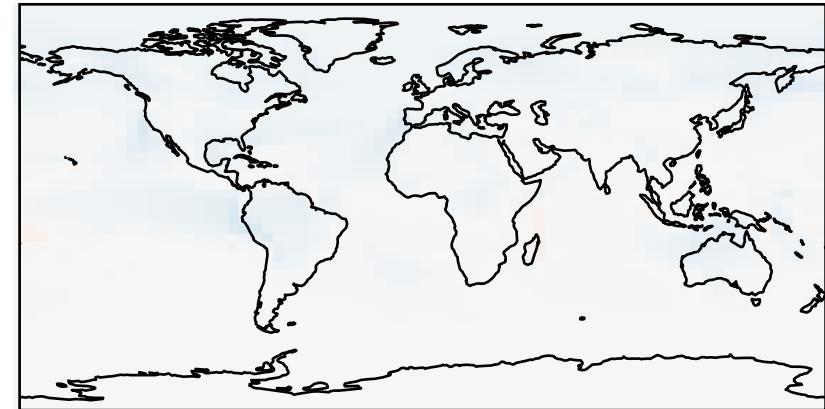
Difference
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference
(Dev-Ref)/Ref, Dynamic Range

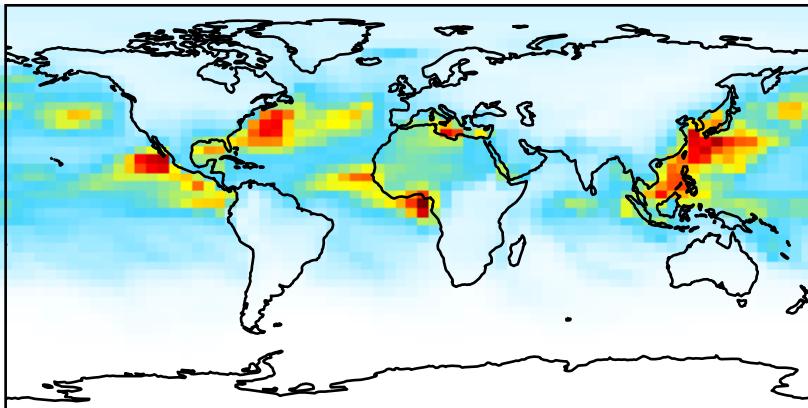


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

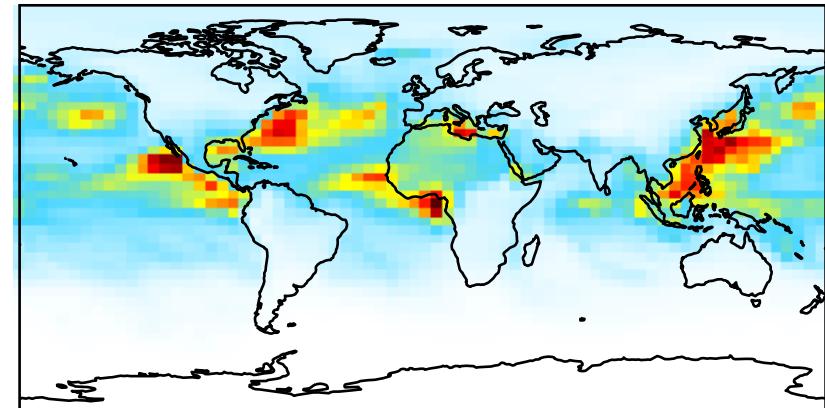


SpeciesConc_AERI

GC_12.7.0 (Ref)
4.0x5.0



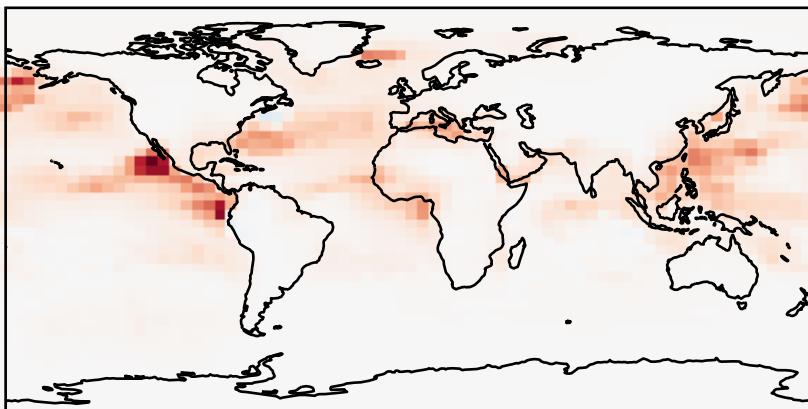
GC_12.8.0 (Dev)
4.0x5.0



0.0015 0.0030
ppb

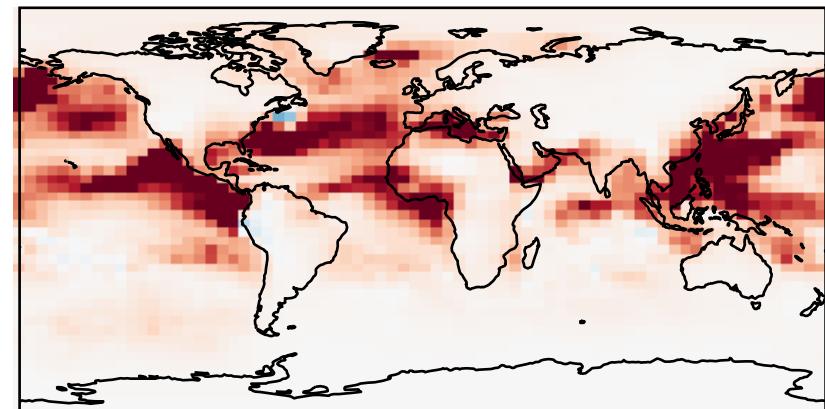
0.0015 0.0030
ppb

Difference
Dev - Ref, Dynamic Range



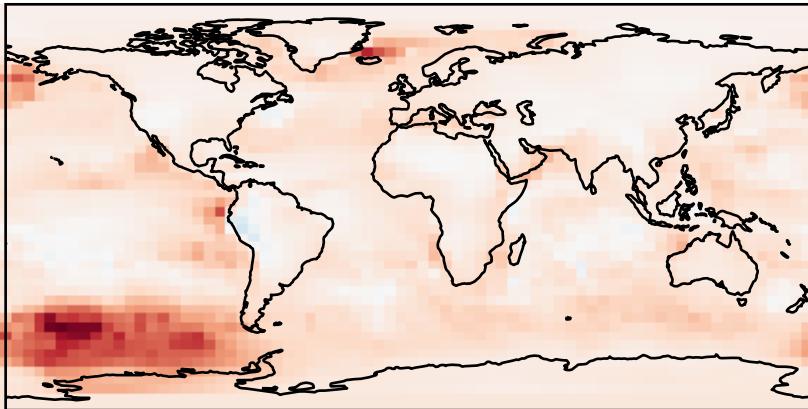
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ppb

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



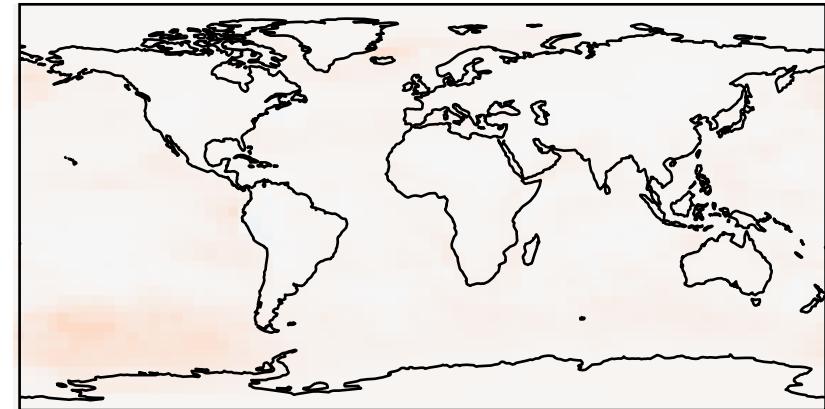
-0.00006 0.00000 0.00006
ppb

Fractional Difference
(Dev-Ref)/Ref, Dynamic Range



-0.4 -0.3 -0.2 -0.1 0.0 0.1 0.2 0.3 0.4
unitless

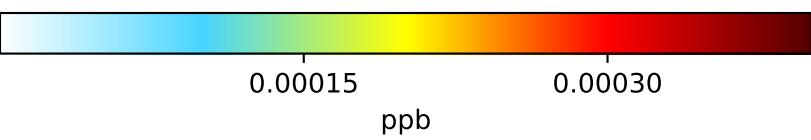
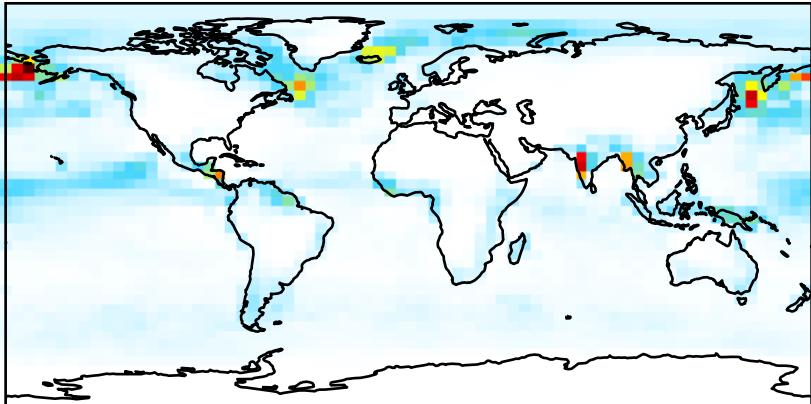
Fractional Difference
(Dev-Ref)/Ref, Fixed Range



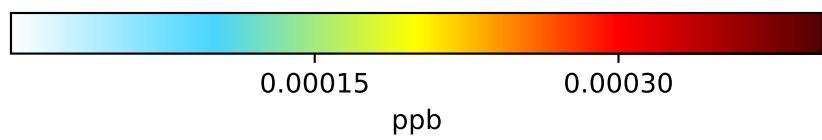
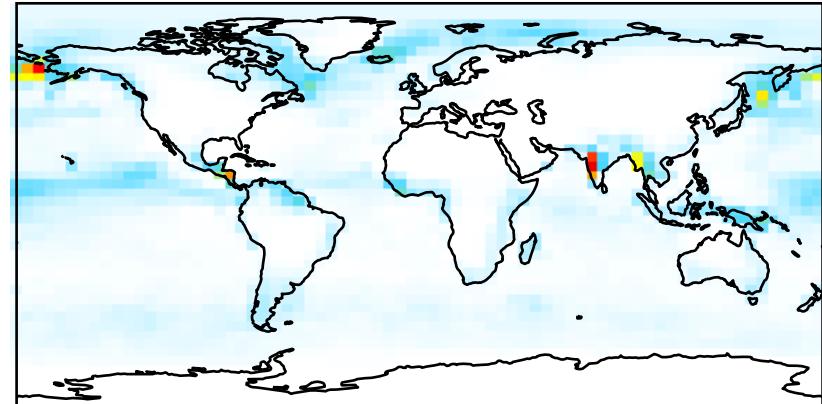
-2.0 -1.5 -1.0 -0.5 0.0 0.5 1.0 1.5 2.0
unitless

SpeciesConc_BrSALA

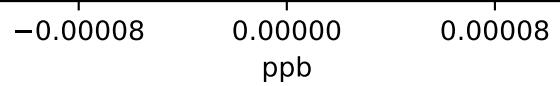
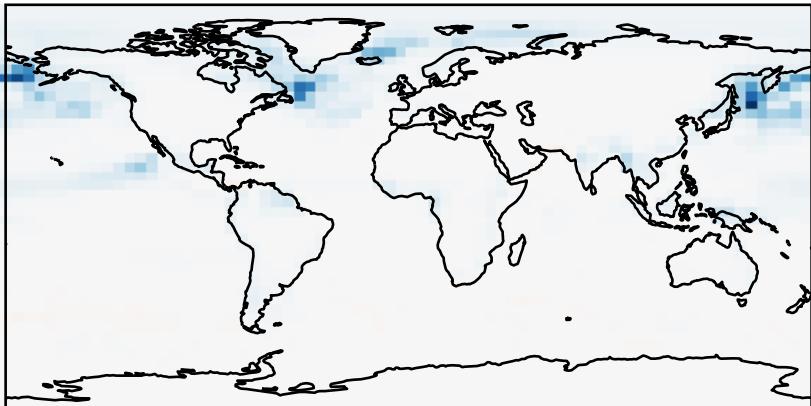
GC_12.7.0 (Ref)
4.0x5.0



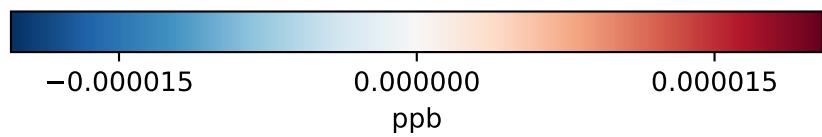
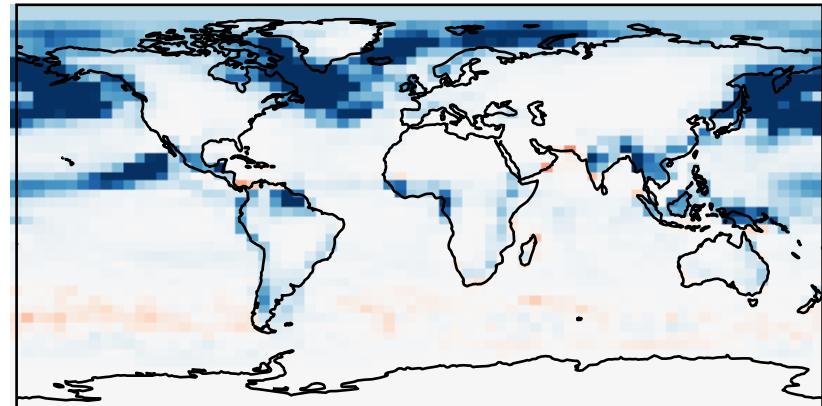
GC_12.8.0 (Dev)
4.0x5.0



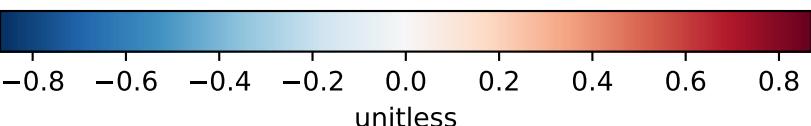
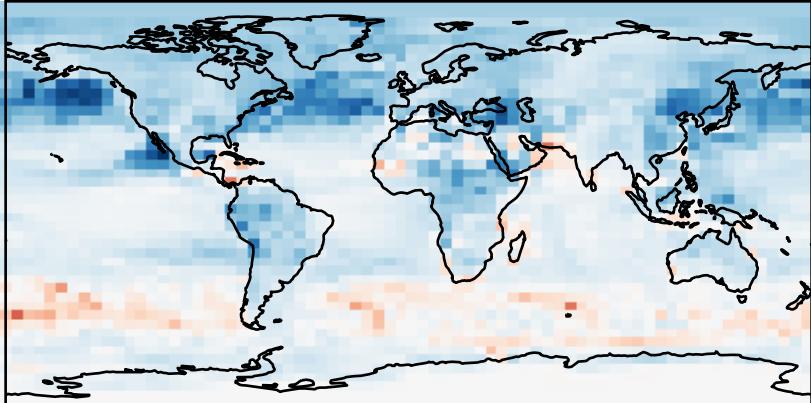
Difference
Dev - Ref, Dynamic Range



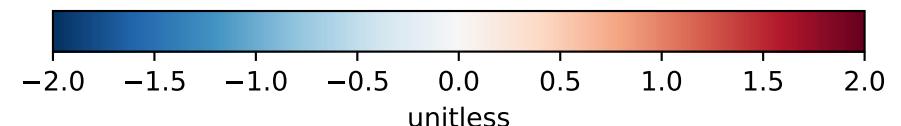
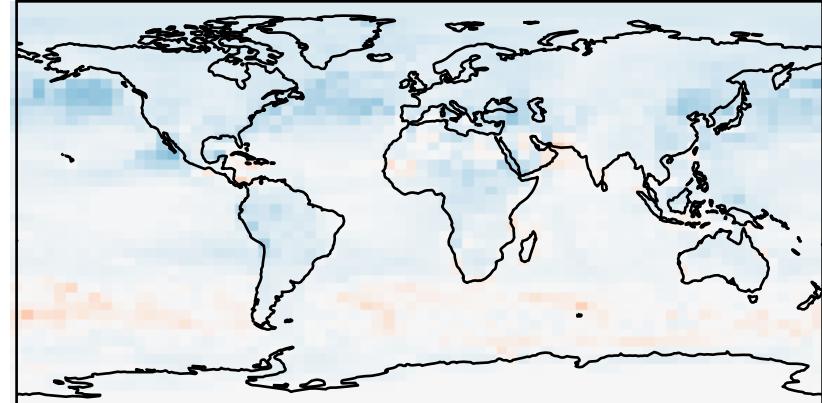
Difference
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference
(Dev-Ref)/Ref, Dynamic Range

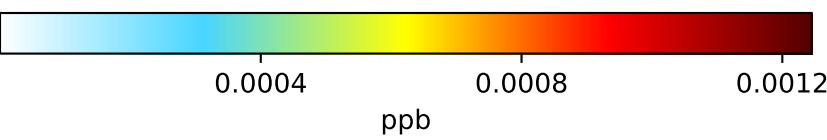
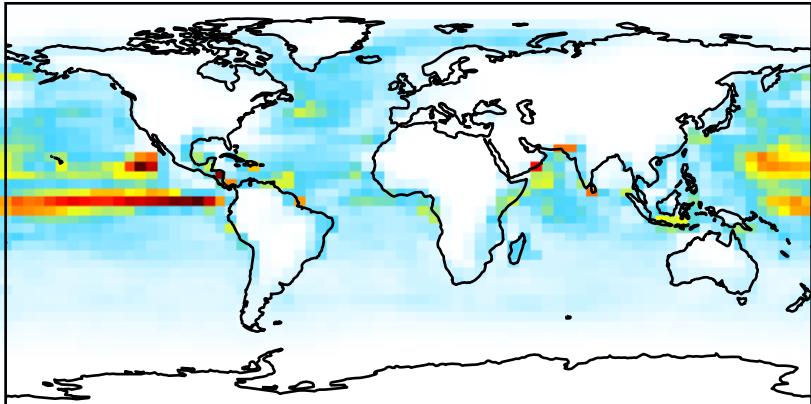


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

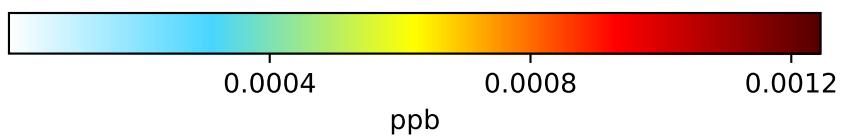
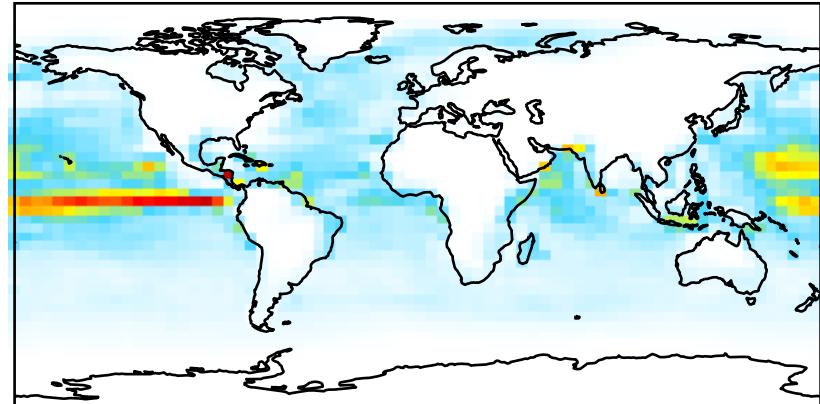


SpeciesConc_BrSALC

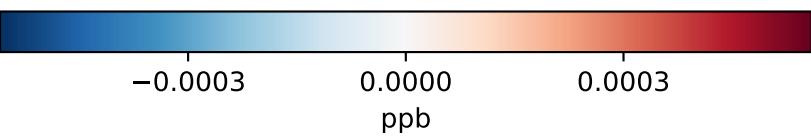
GC_12.7.0 (Ref)
4.0x5.0



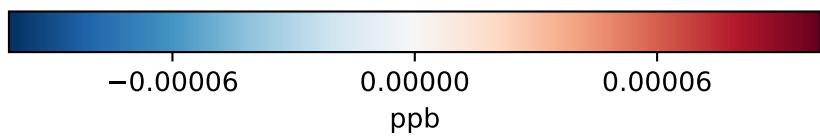
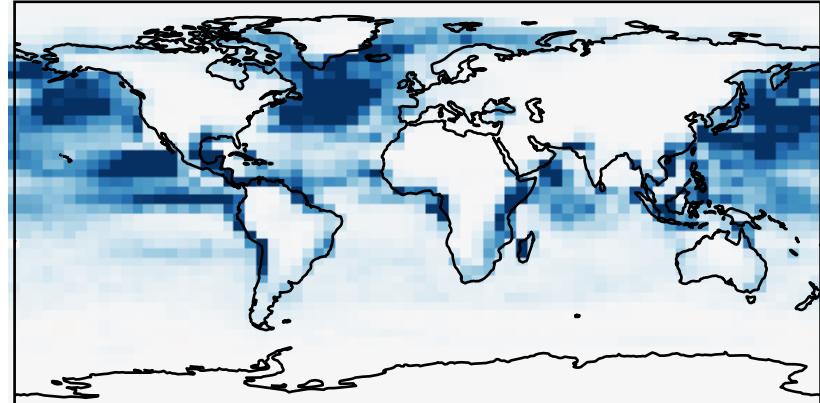
GC_12.8.0 (Dev)
4.0x5.0



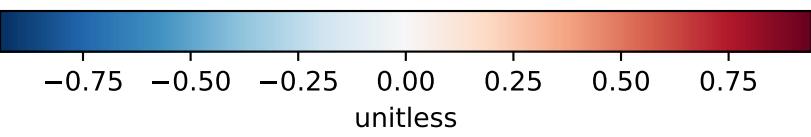
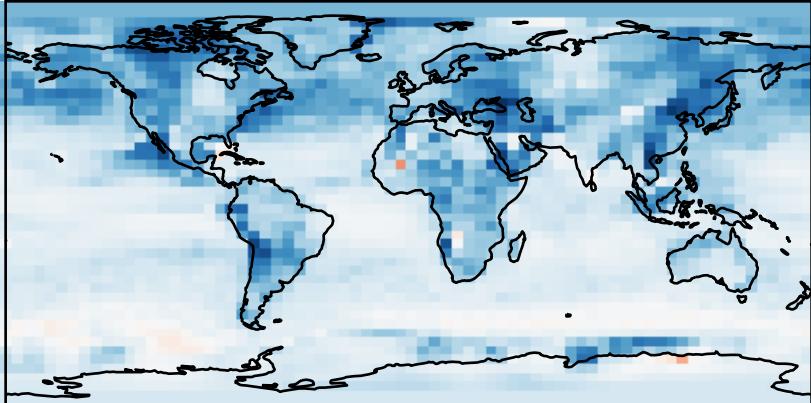
Difference
Dev - Ref, Dynamic Range



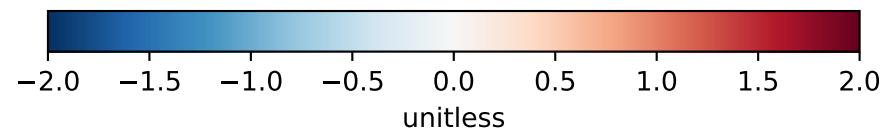
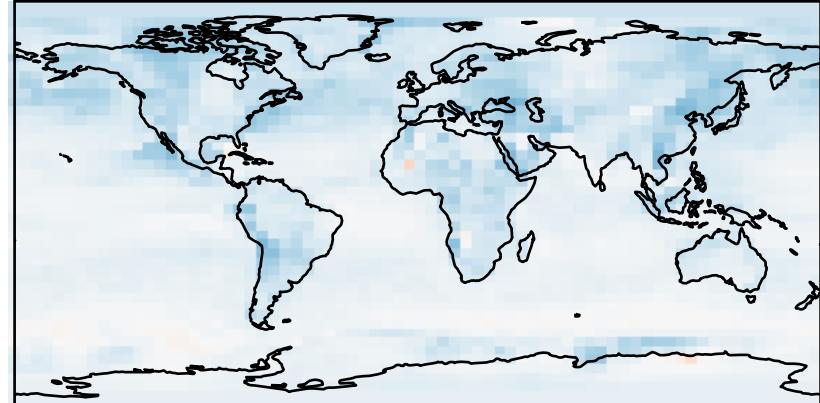
Difference
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference
(Dev-Ref)/Ref, Dynamic Range

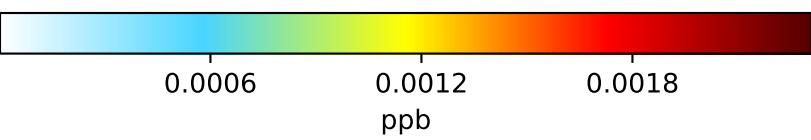
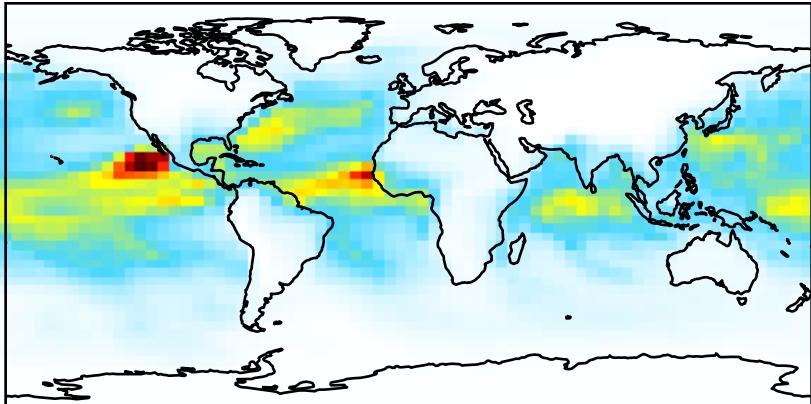


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

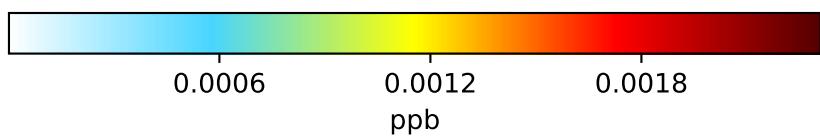
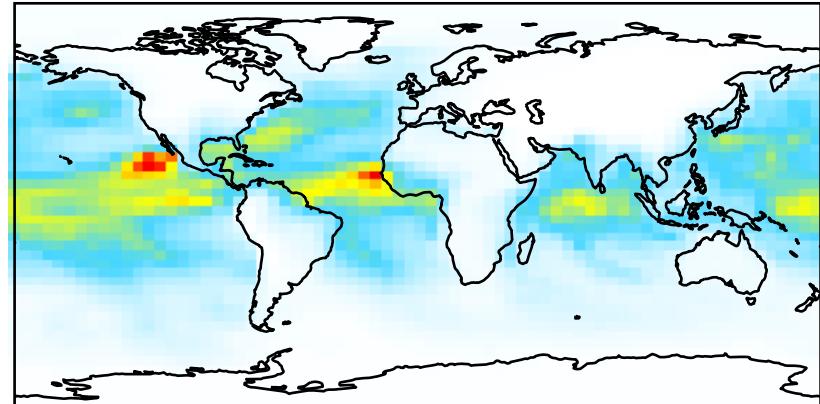


SpeciesConc_ISALA

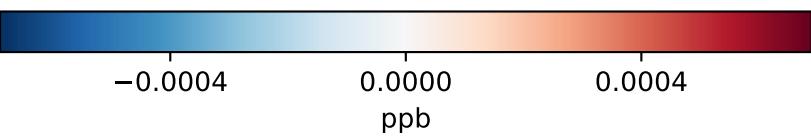
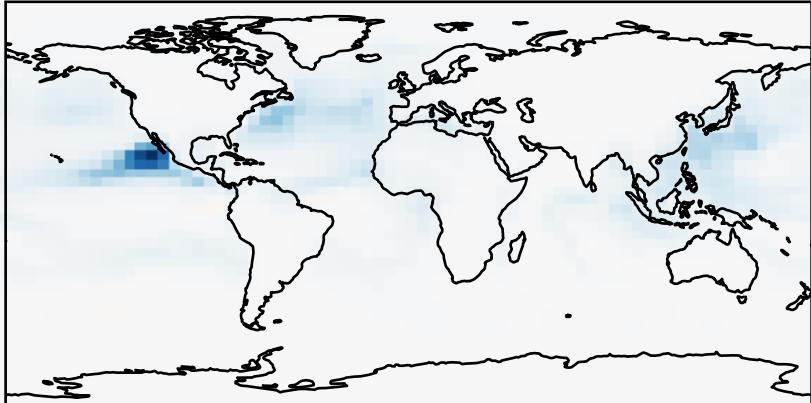
GC_12.7.0 (Ref)
4.0x5.0



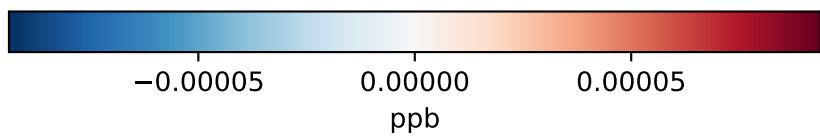
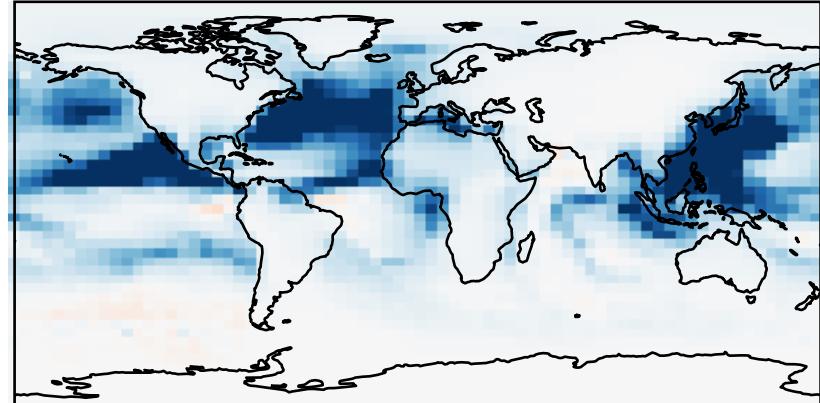
GC_12.8.0 (Dev)
4.0x5.0



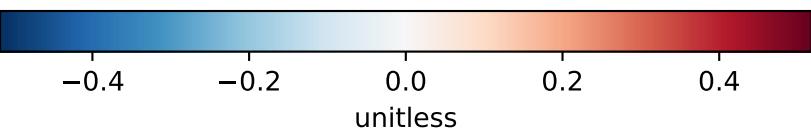
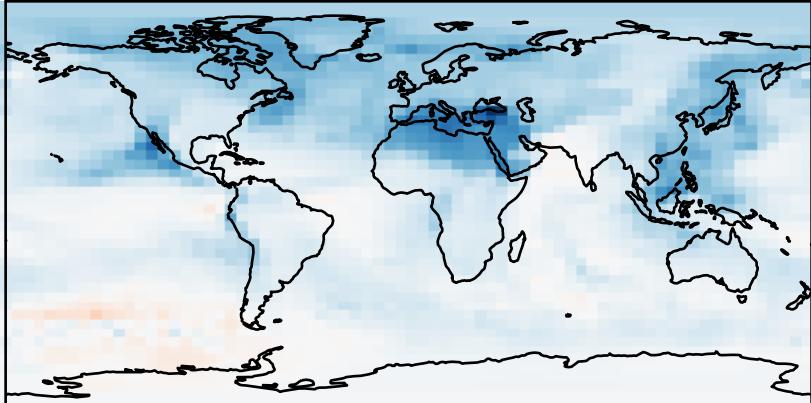
Difference
Dev - Ref, Dynamic Range



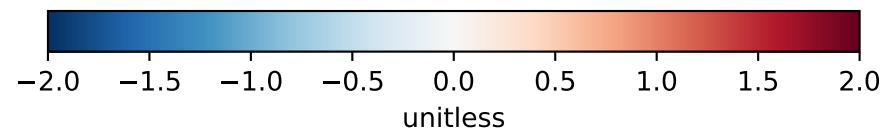
Difference
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference
(Dev-Ref)/Ref, Dynamic Range

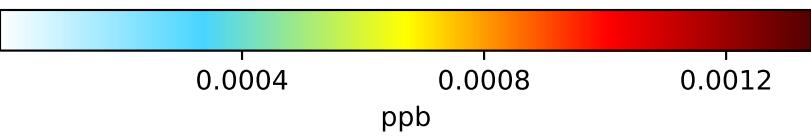
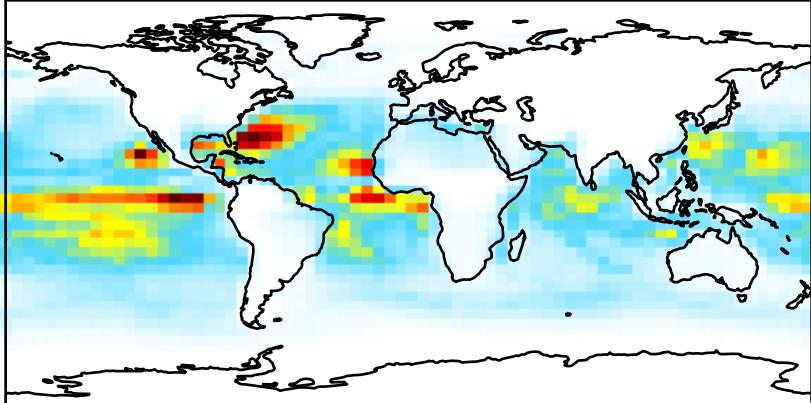


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

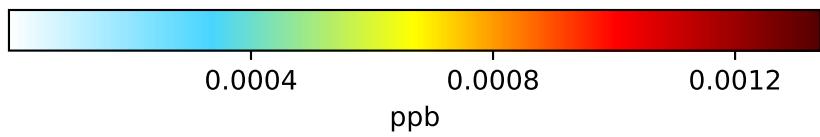
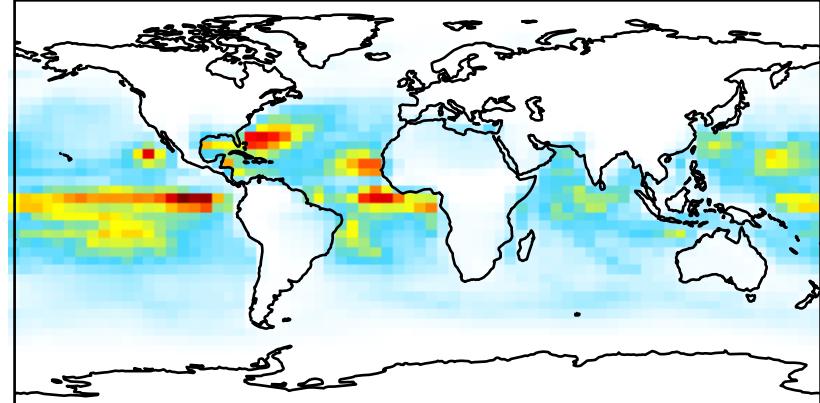


SpeciesConc_ISALC

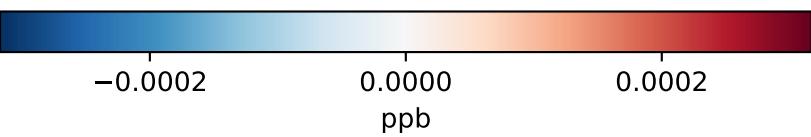
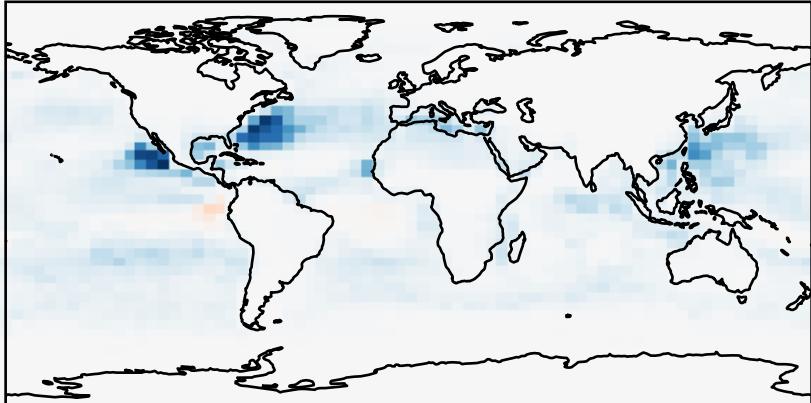
GC_12.7.0 (Ref)
4.0x5.0



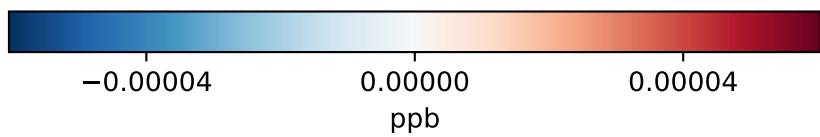
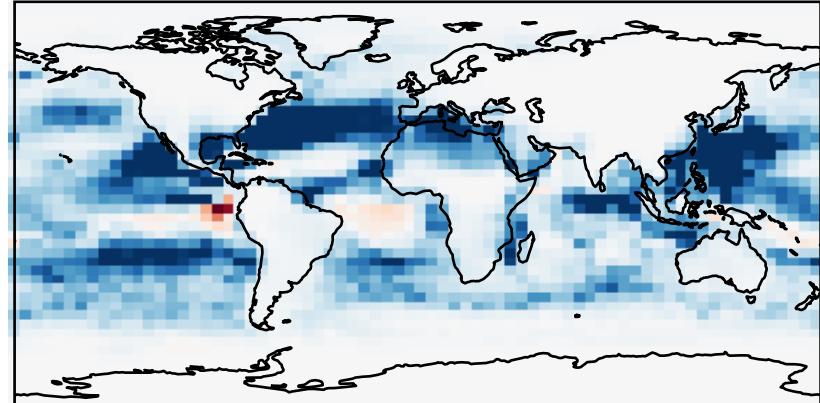
GC_12.8.0 (Dev)
4.0x5.0



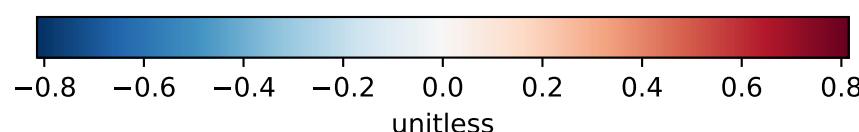
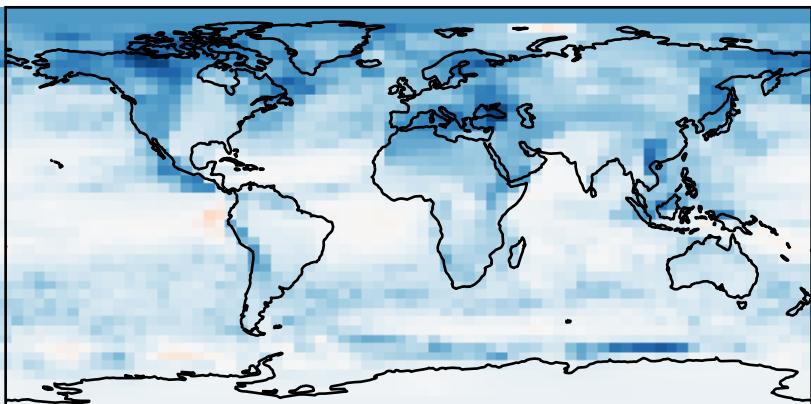
Difference
Dev - Ref, Dynamic Range



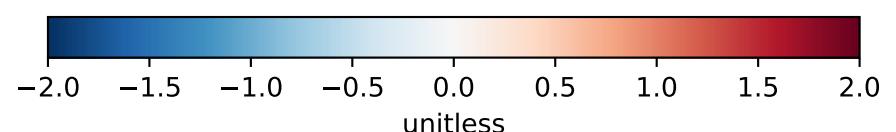
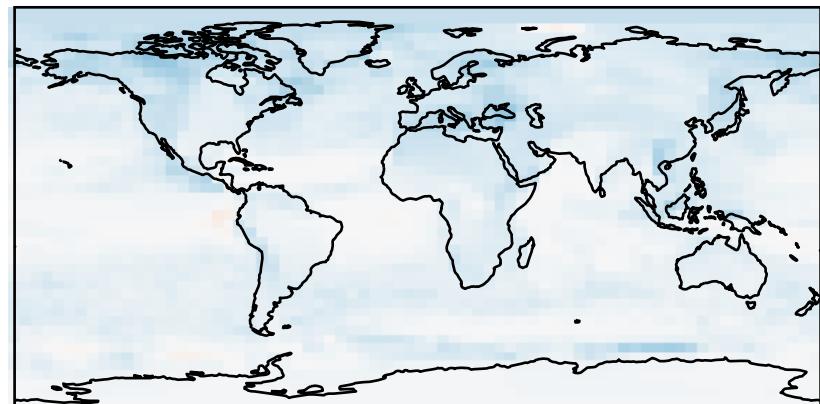
Difference
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference
(Dev-Ref)/Ref, Dynamic Range

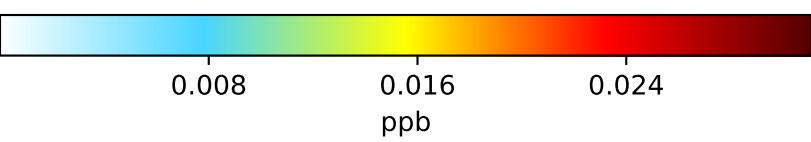
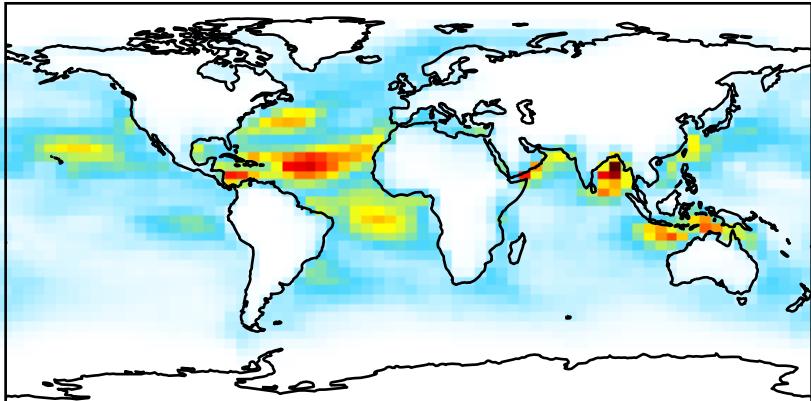


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

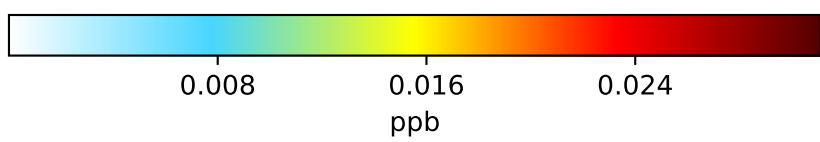
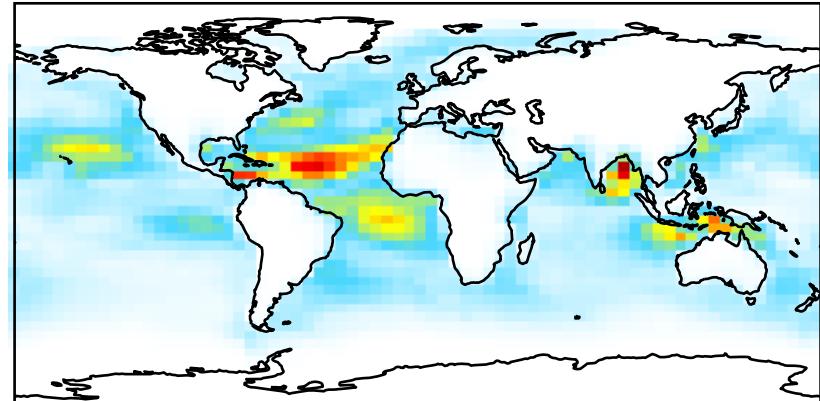


SpeciesConc_NITs

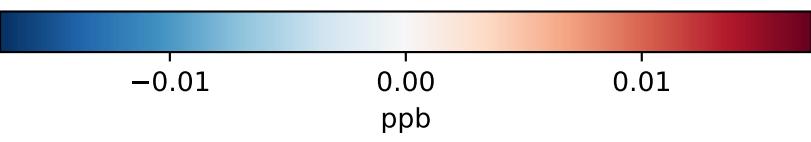
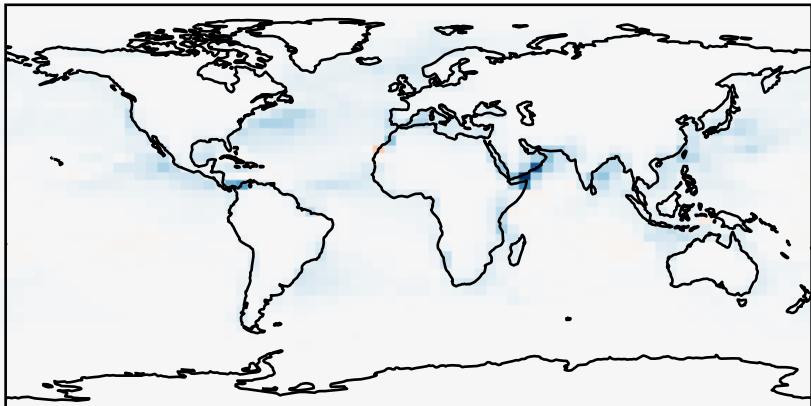
GC_12.7.0 (Ref)
4.0x5.0



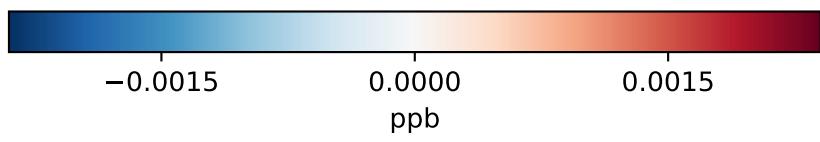
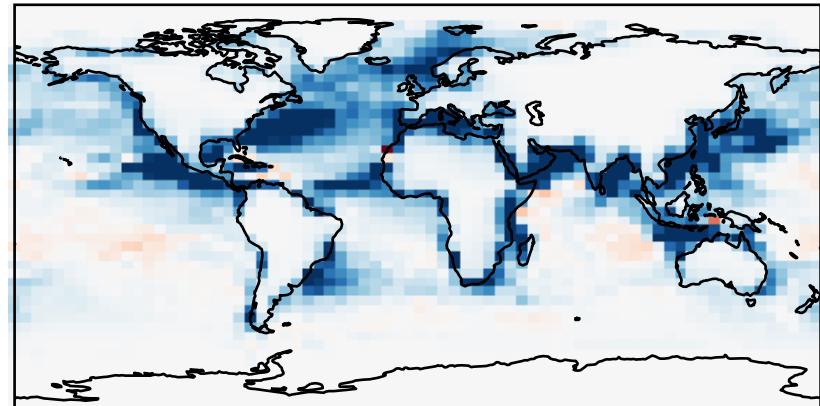
GC_12.8.0 (Dev)
4.0x5.0



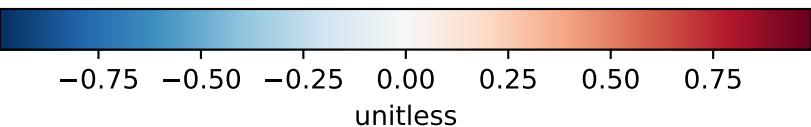
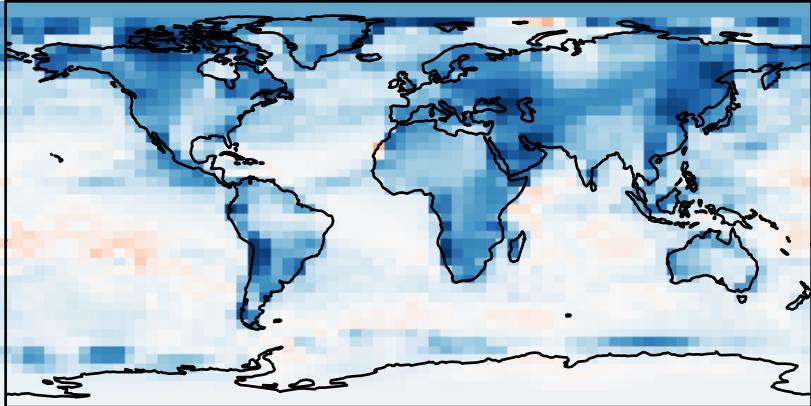
Difference
Dev - Ref, Dynamic Range



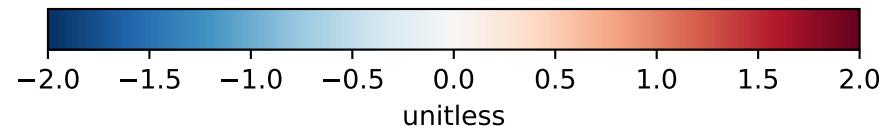
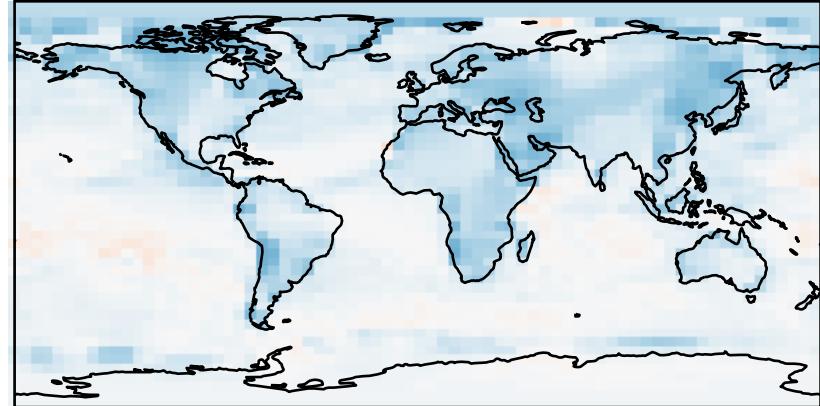
Difference
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference
(Dev-Ref)/Ref, Dynamic Range

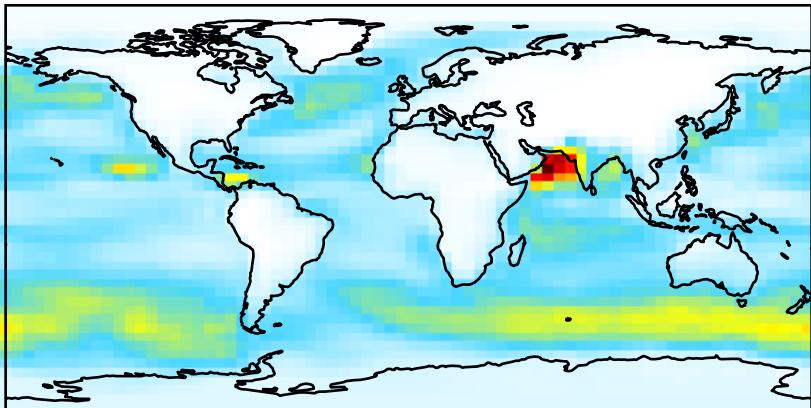


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

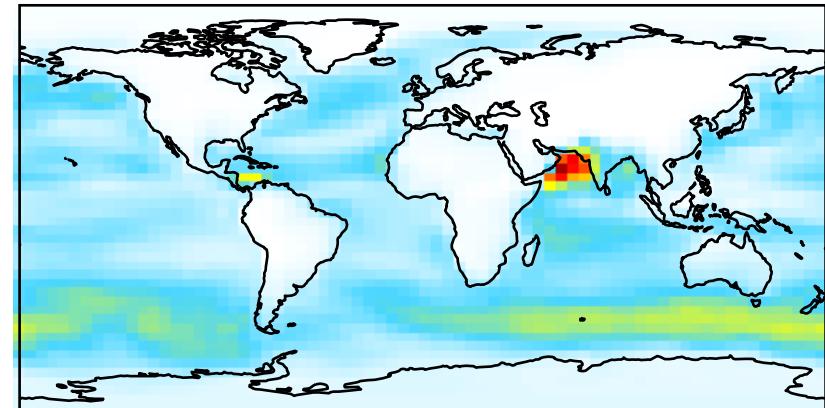


SpeciesConc_SALA

GC_12.7.0 (Ref)
4.0x5.0



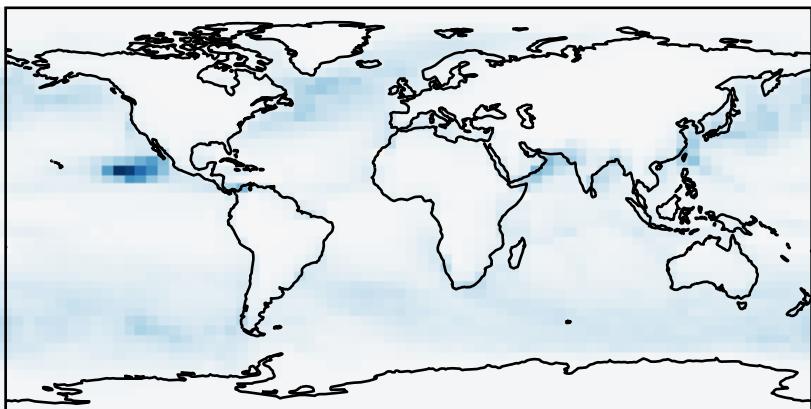
GC_12.8.0 (Dev)
4.0x5.0



0.5 1.0 1.5 2.0 2.5 3.0
ppb

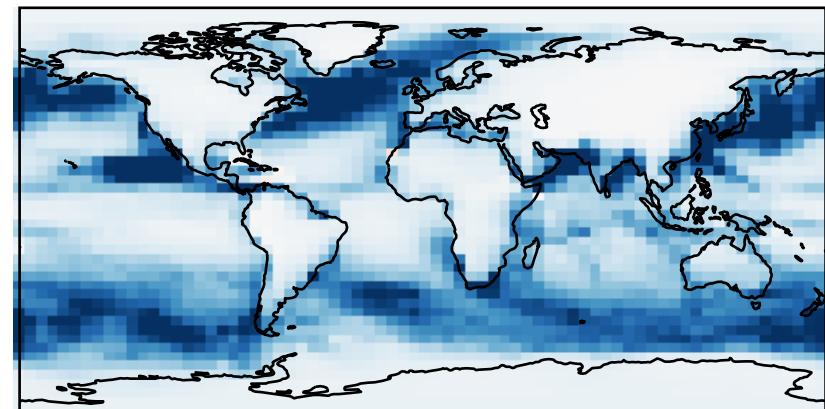
0.5 1.0 1.5 2.0 2.5 3.0
ppb

Difference
Dev - Ref, Dynamic Range



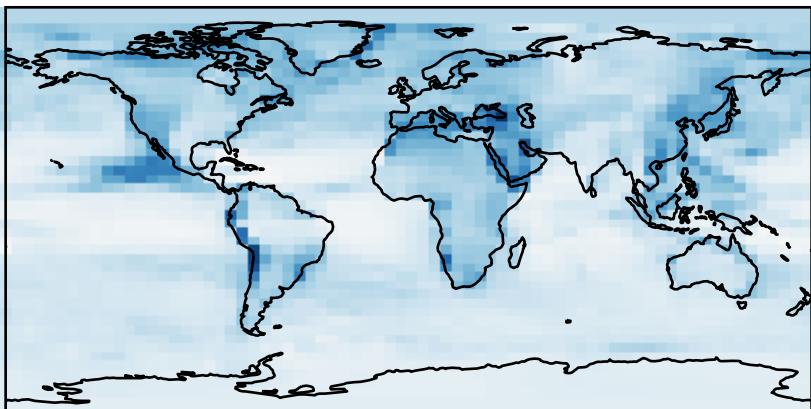
-1.00 -0.75 -0.50 -0.25 0.00 0.25 0.50 0.75 1.00
ppb

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



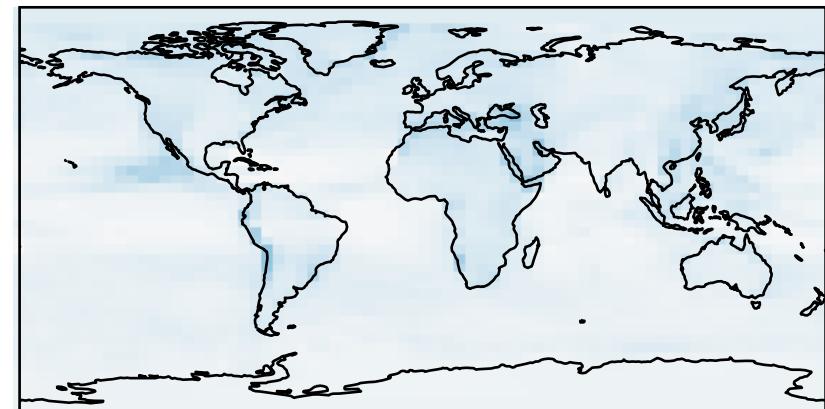
-0.20 -0.15 -0.10 -0.05 0.00 0.05 0.10 0.15 0.20
ppb

Fractional Difference
(Dev-Ref)/Ref, Dynamic Range



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

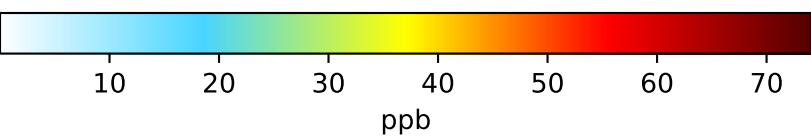
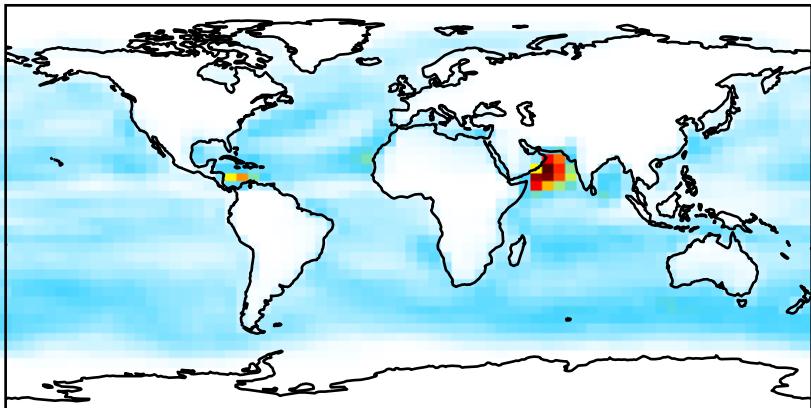
Fractional Difference
(Dev-Ref)/Ref, Fixed Range



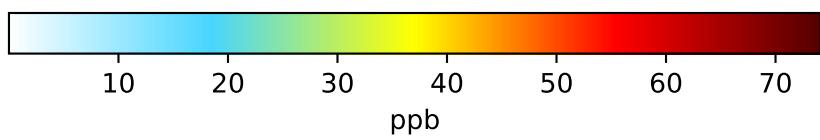
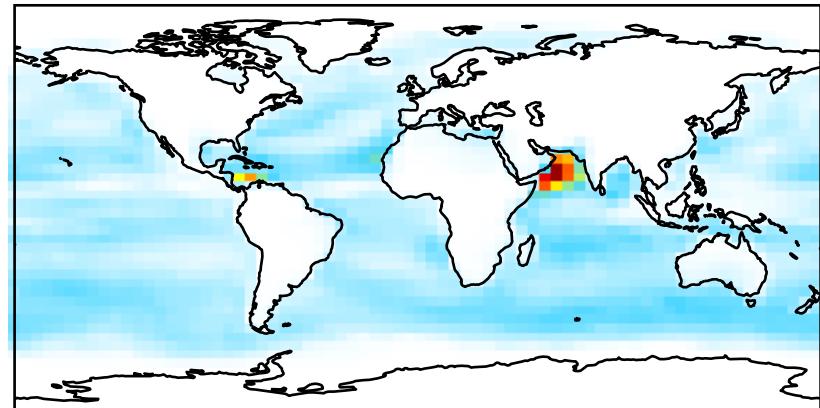
-2.0 -1.5 -1.0 -0.5 0.0 0.5 1.0 1.5 2.0
unitless

SpeciesConc_SALC

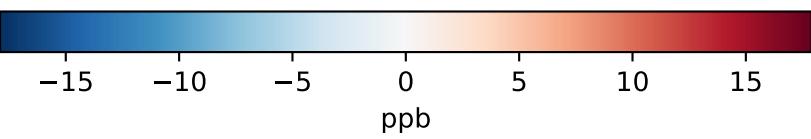
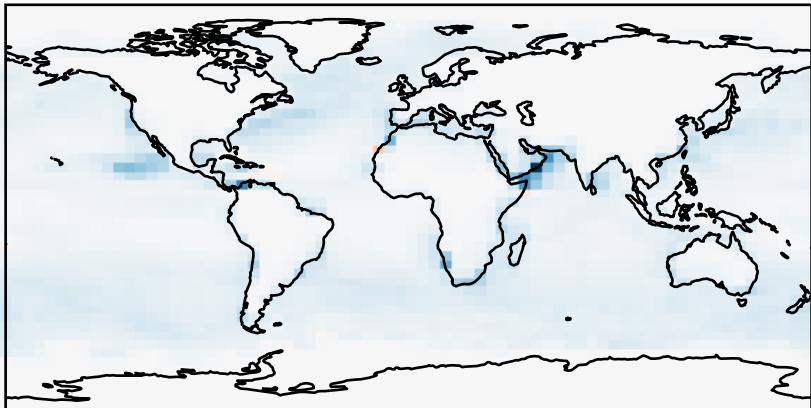
GC_12.7.0 (Ref)
4.0x5.0



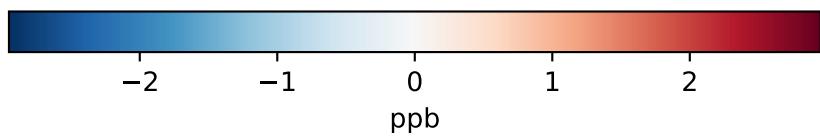
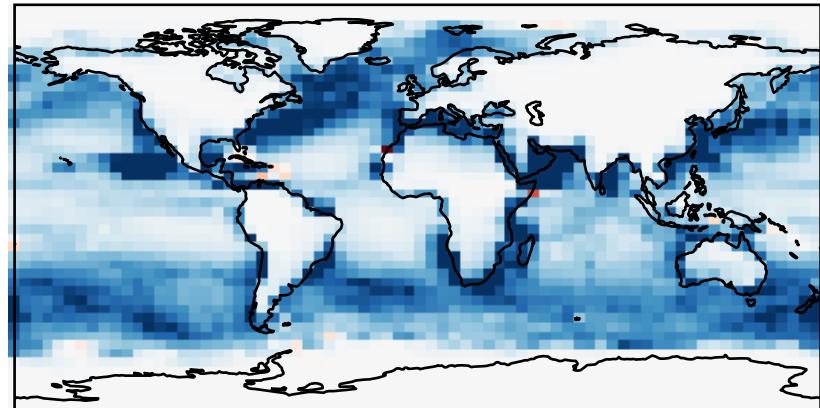
GC_12.8.0 (Dev)
4.0x5.0



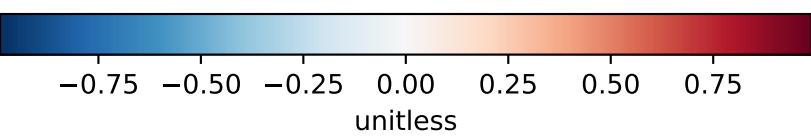
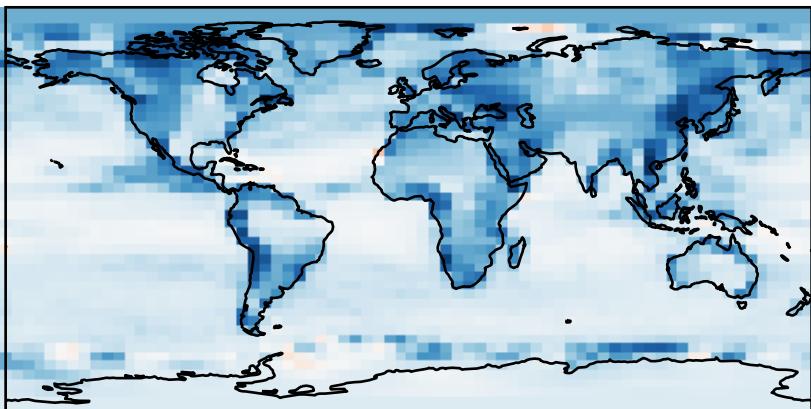
Difference
Dev - Ref, Dynamic Range



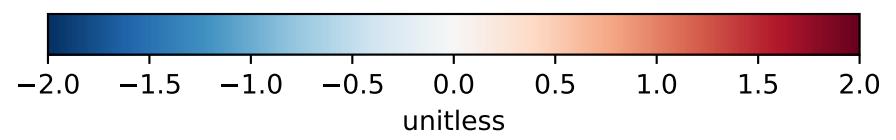
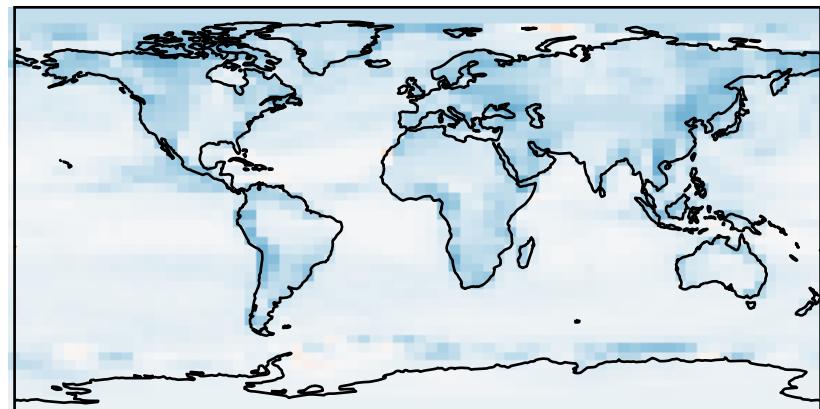
Difference
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference
(Dev-Ref)/Ref, Dynamic Range

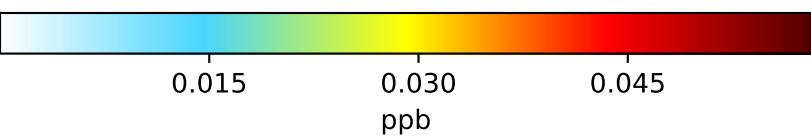
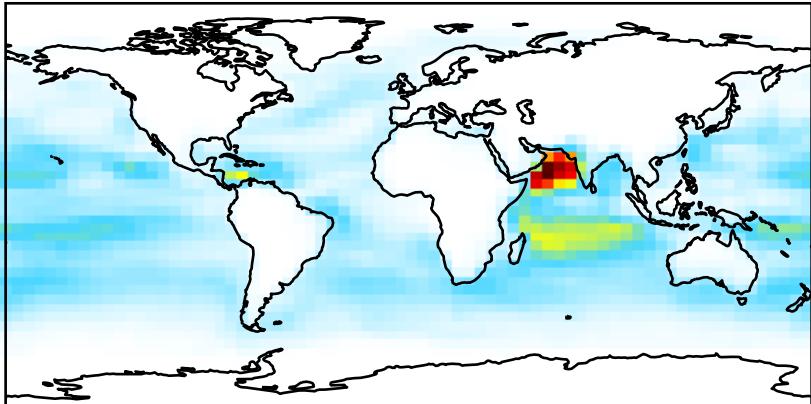


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

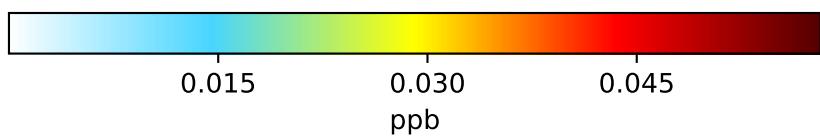
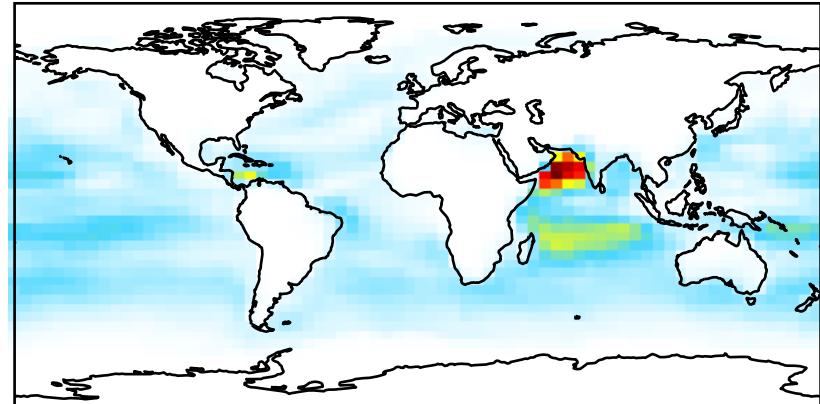


SpeciesConc_SO4s

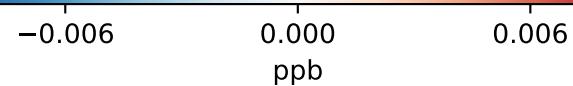
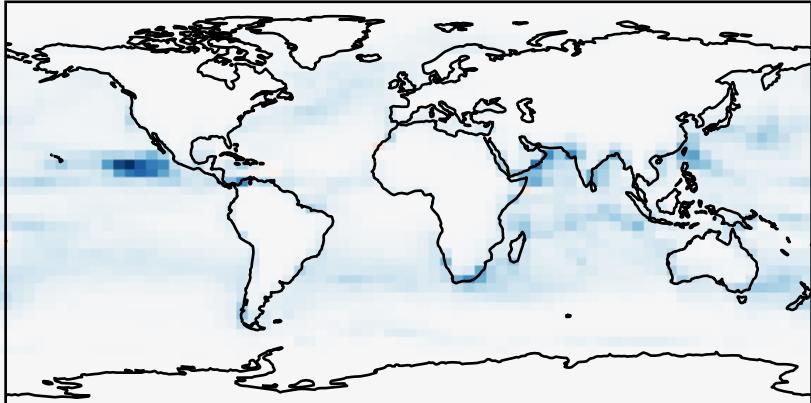
GC_12.7.0 (Ref)
4.0x5.0



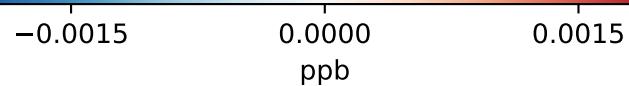
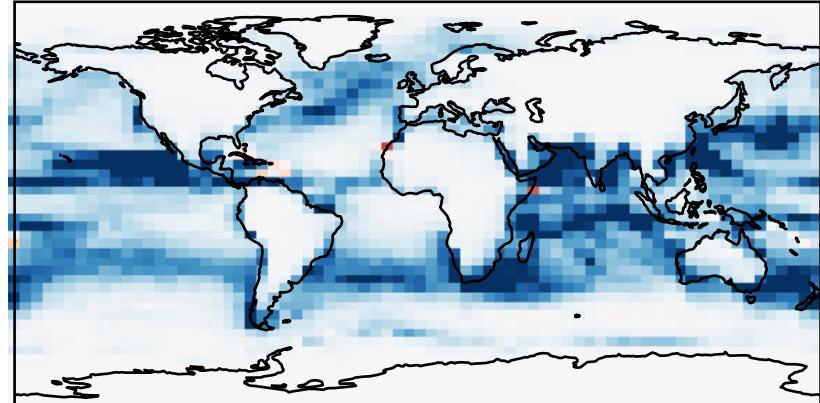
GC_12.8.0 (Dev)
4.0x5.0



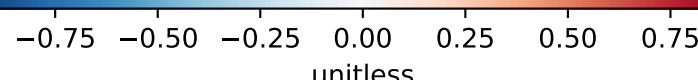
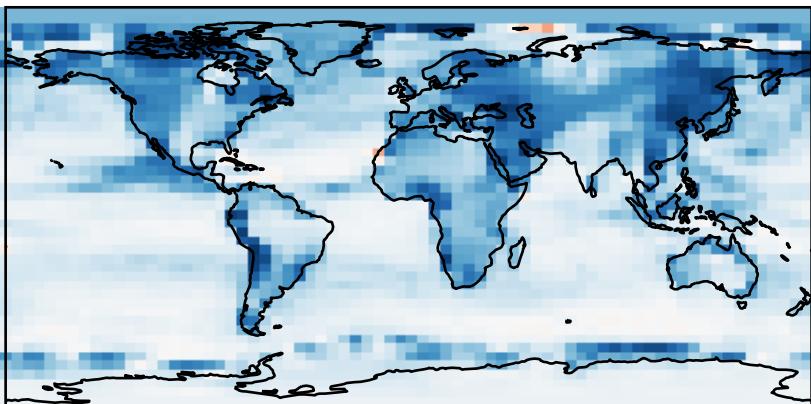
Difference
Dev - Ref, Dynamic Range



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



Fractional Difference
(Dev-Ref)/Ref, Dynamic Range



Fractional Difference
(Dev-Ref)/Ref, Fixed Range

