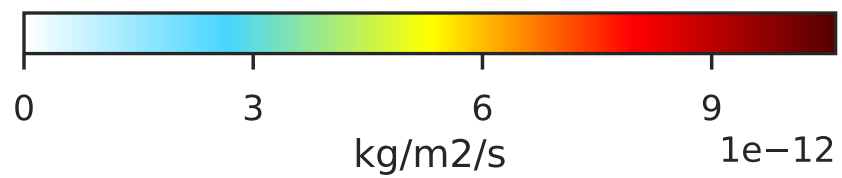
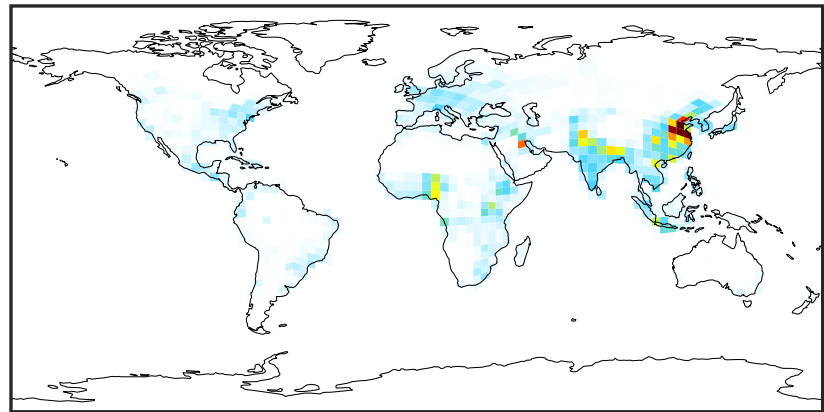
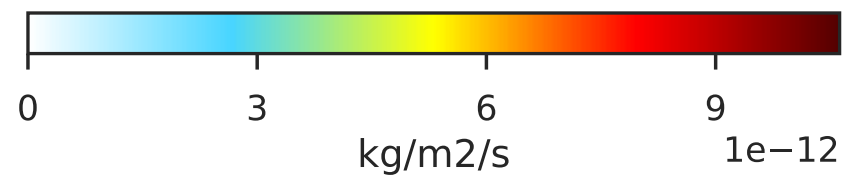
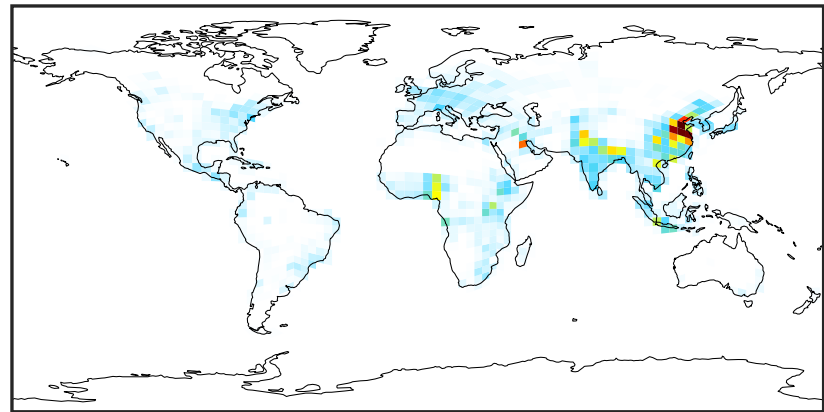


EmisEOH_Anthro (Jan2019)

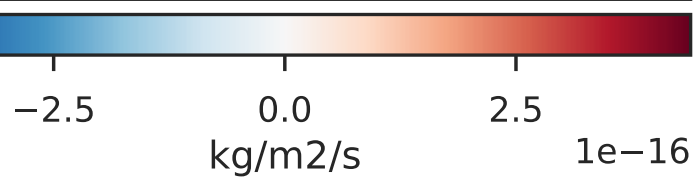
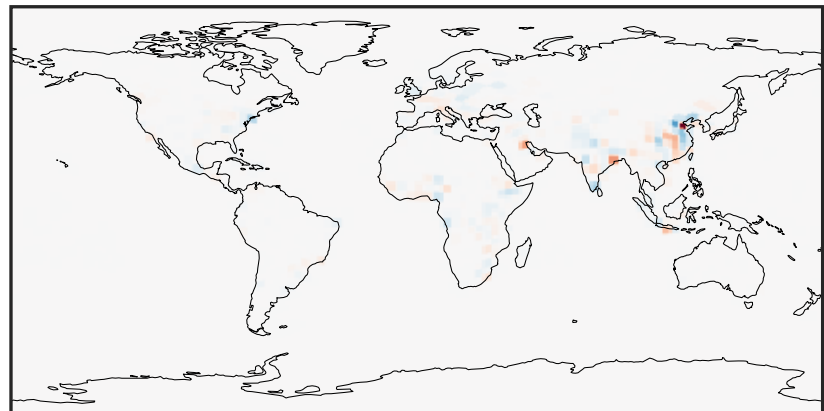
GCHP_14.0.0 (Ref)
c24



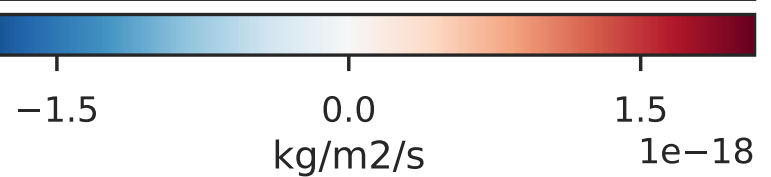
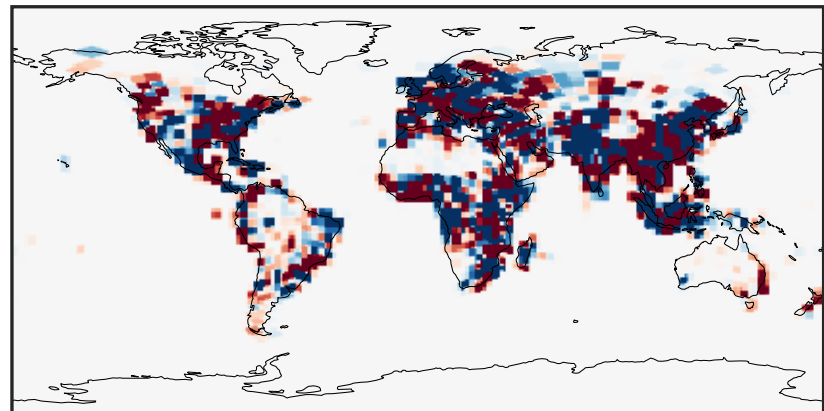
GCHP_14.2.0 (Dev)
c24



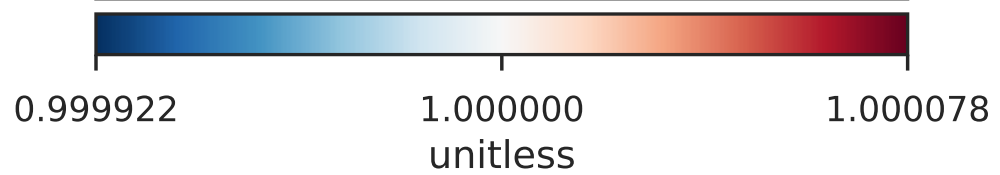
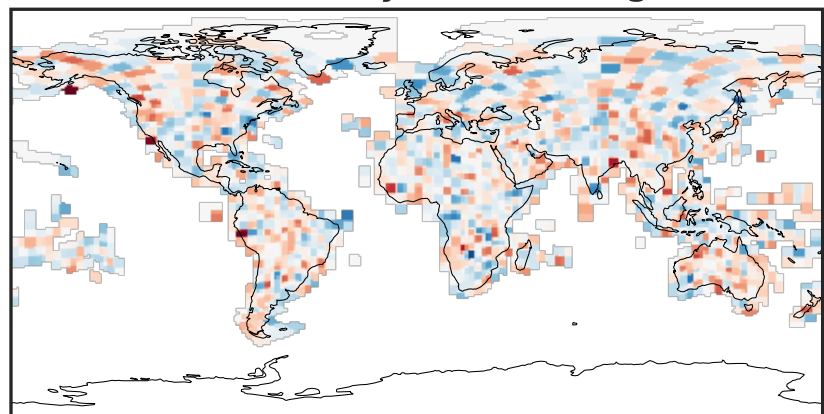
Difference (1x1.25)
Dev - Ref, Dynamic Range



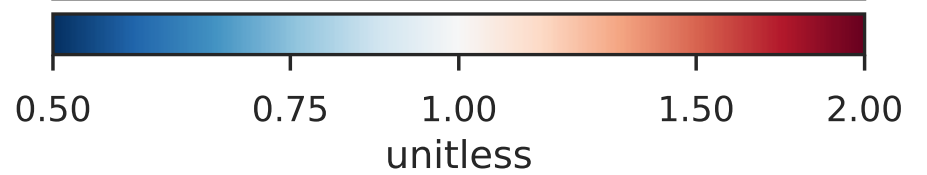
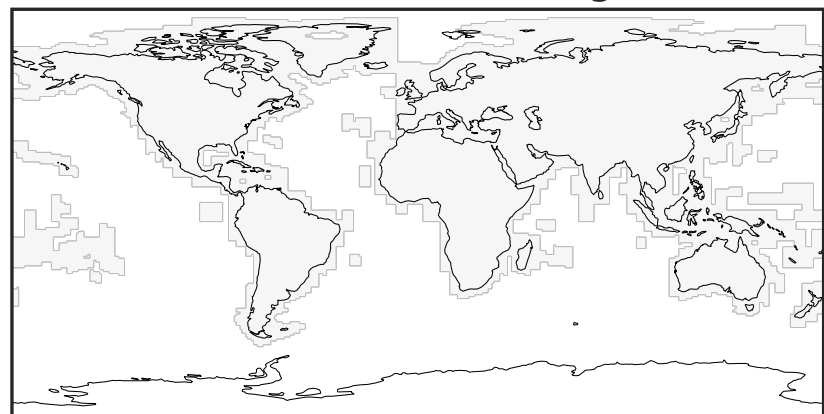
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

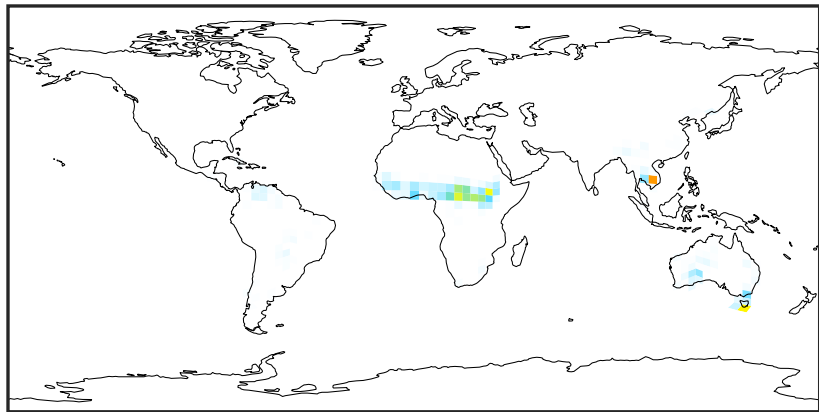


Ratio (1x1.25)
Dev/Ref, Fixed Range



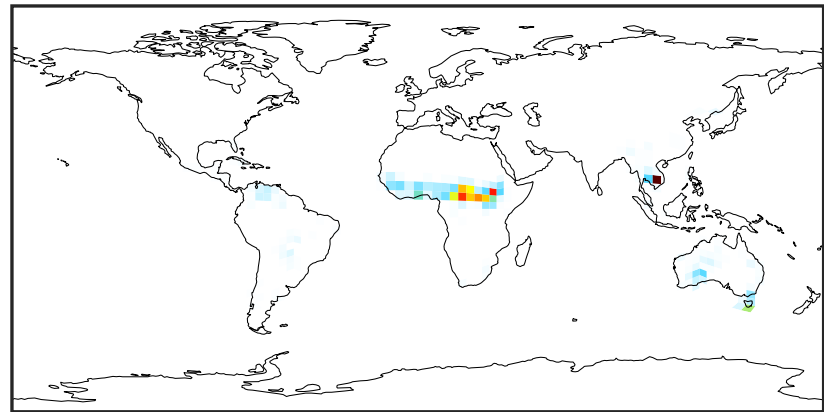
EmisEOH_BioBurn (Jan2019)

GCHP_14.0.0 (Ref)
c24



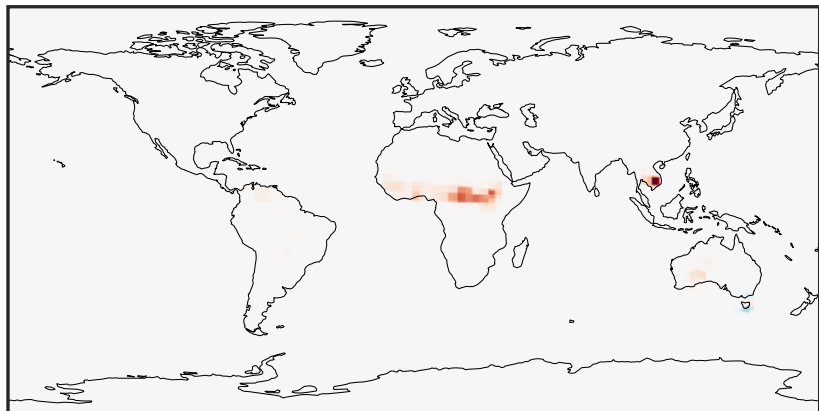
0.0 0.6 1.2 1.8
kg/m2/s 1e-12

GCHP_14.2.0 (Dev)
c24



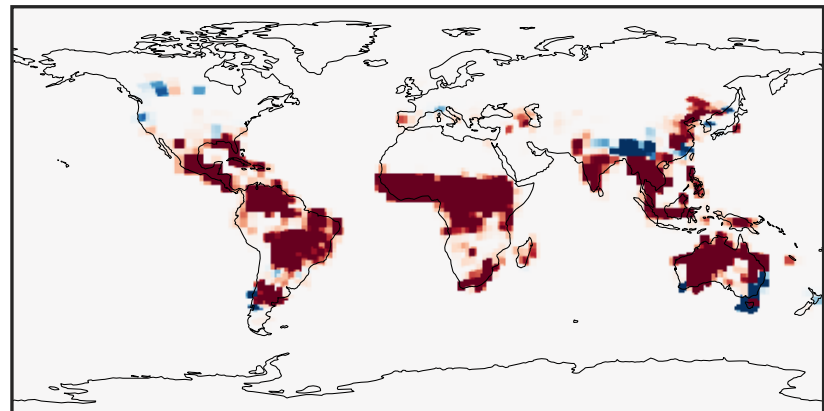
0.0 0.6 1.2 1.8
kg/m2/s 1e-12

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



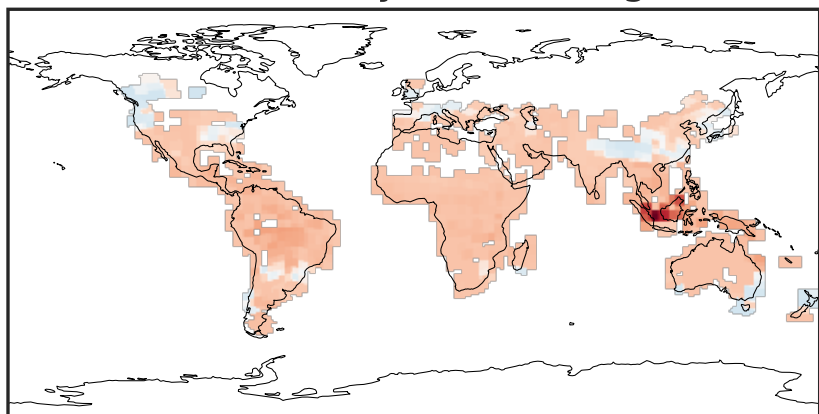
-5 0 5
kg/m2/s 1e-13

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



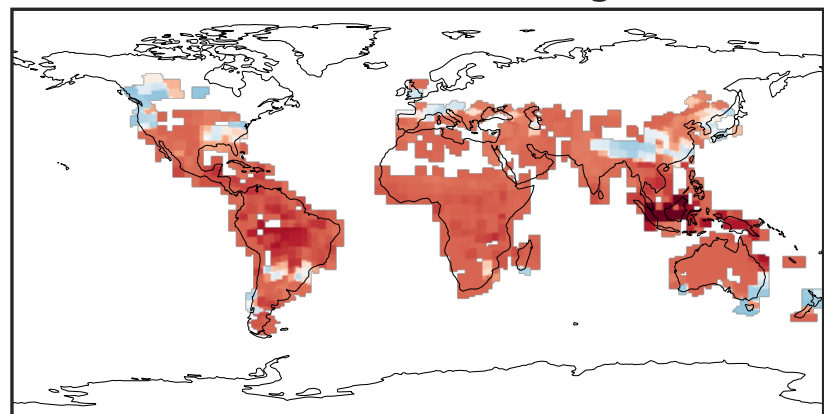
-5 0 5
kg/m2/s 1e-16

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



0.240 0.620 1.000 2.583 4.165
unitless

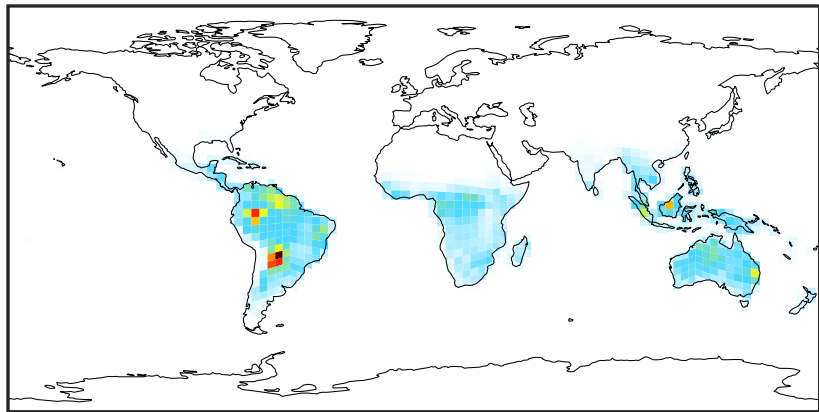
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

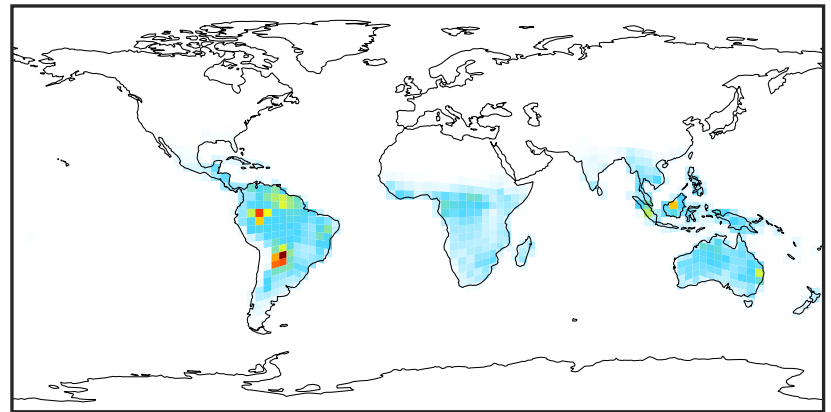
EmisEOH_Biogenic (Jan2019)

GCHP_14.0.0 (Ref)
c24



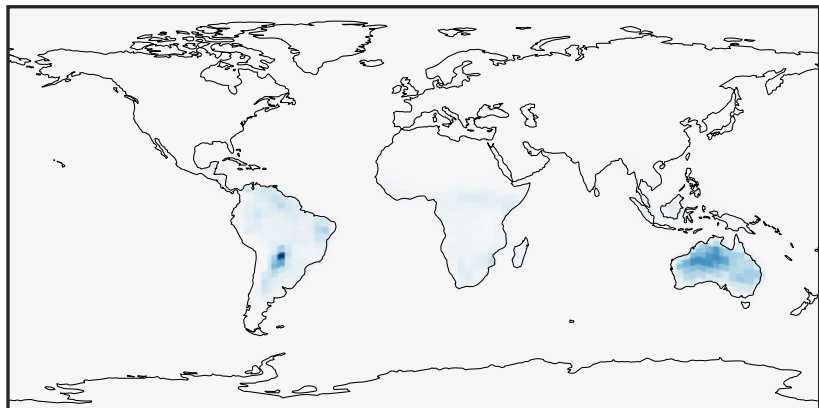
0.0 1.5 3.0 4.5
kg/m2/s 1e-11

GCHP_14.2.0 (Dev)
c24



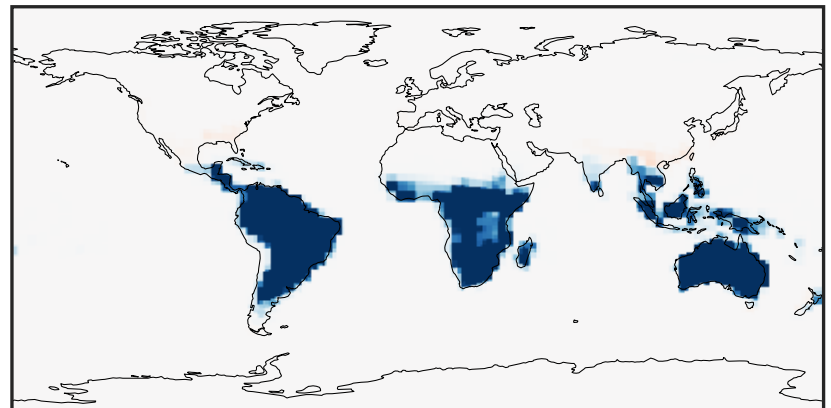
0.0 1.5 3.0 4.5
kg/m2/s 1e-11

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



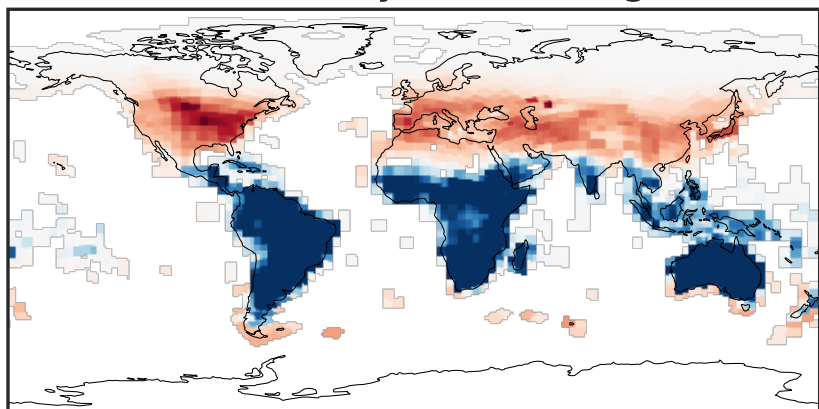
-2 0 2
kg/m2/s 1e-12

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



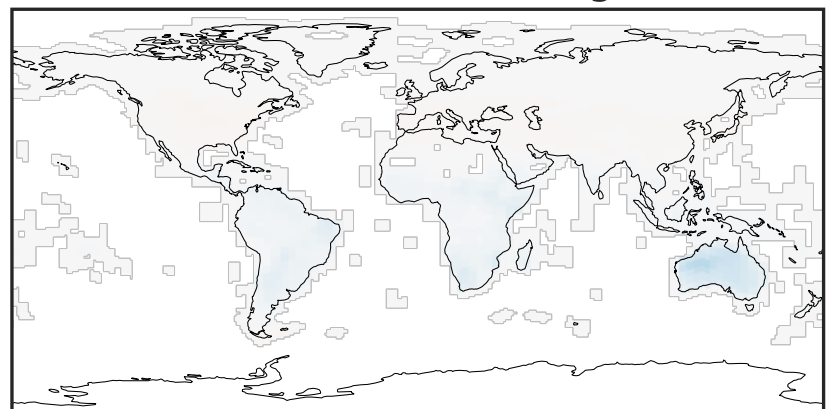
-6 0 6
kg/m2/s 1e-14

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



0.98205 0.99103 1.00000 1.00914 1.01828
unitless

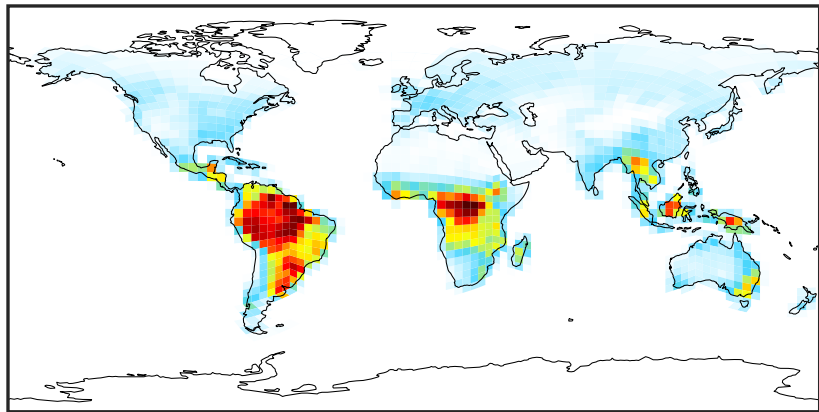
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

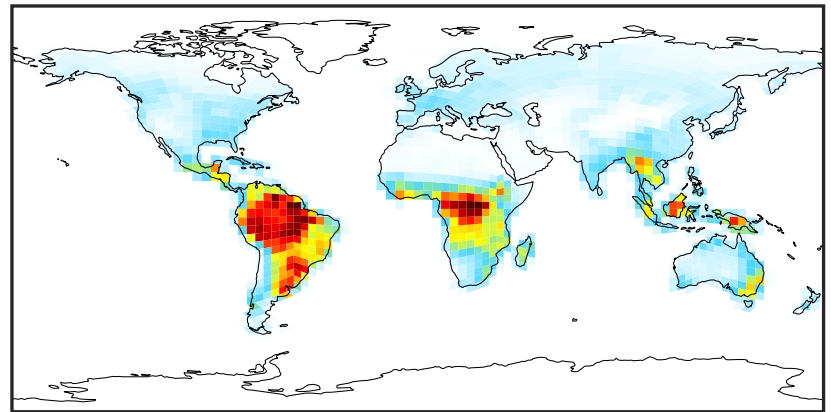
EmisEOH_PlantDecay (Jan2019)

GCHP_14.0.0 (Ref)
c24



0.0 1.5 3.0 4.5
kg/m²/s 1e-12

GCHP_14.2.0 (Dev)
c24



0.0 1.5 3.0 4.5
kg/m²/s 1e-12

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



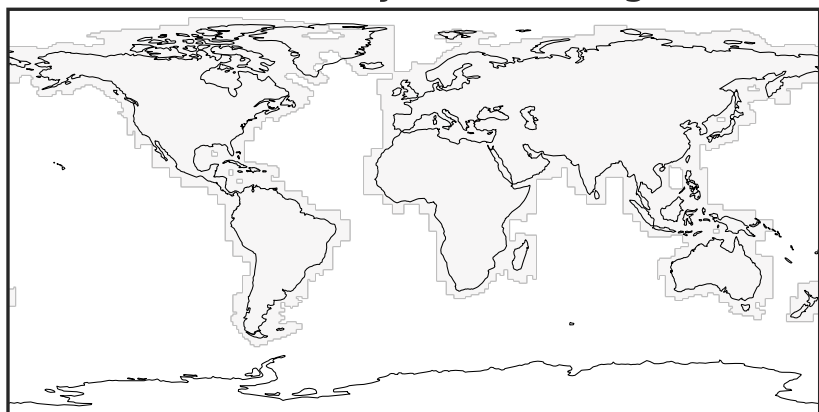
Zero throughout domain
kg/m²/s

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



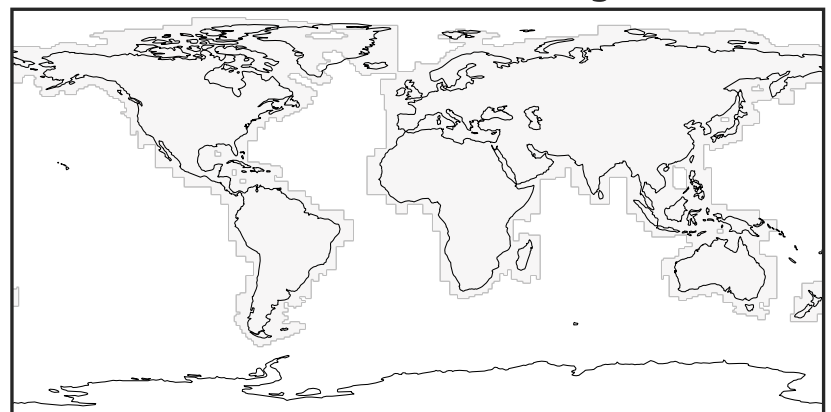
Zero throughout domain
kg/m²/s

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



Ref and Dev equal throughout domain
unitless

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



Ref and Dev equal throughout domain
unitless

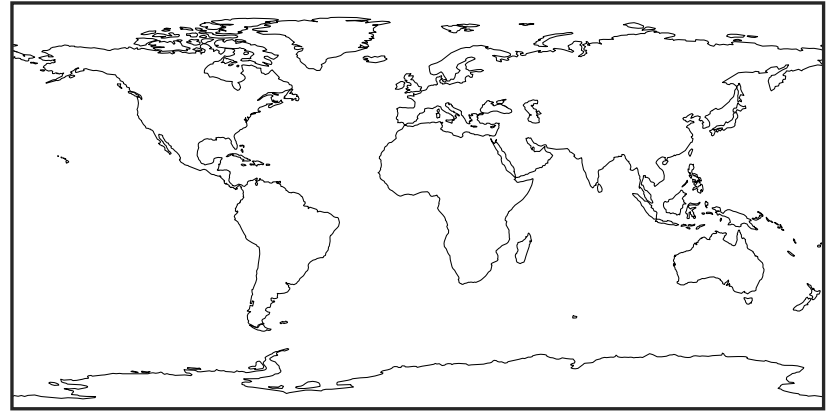
EmisEOH_Ship (Jan2019)

GCHP_14.0.0 (Ref)
c24



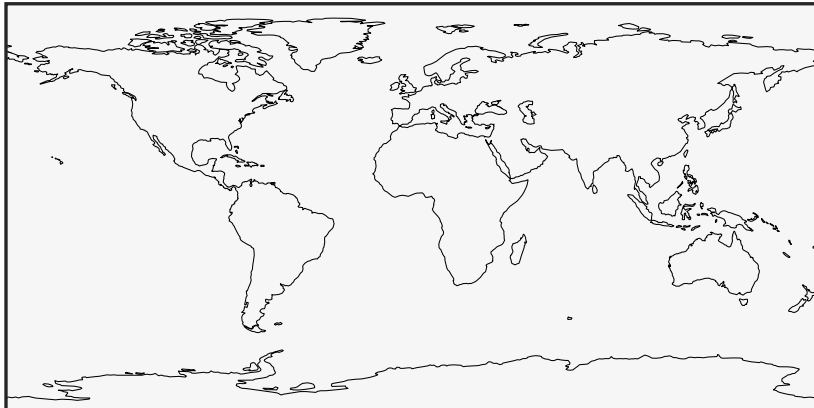
Zero throughput domain
kg/m²/s

GCHP_14.2.0 (Dev)
c24



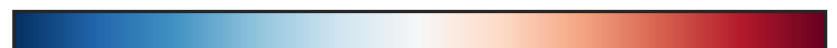
Zero throughput domain
kg/m²/s

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



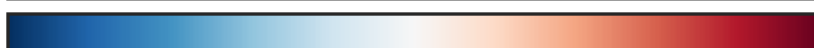
Zero throughput domain
kg/m²/s

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



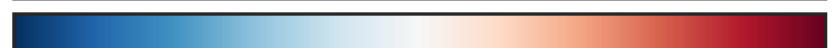
Zero throughput domain
kg/m²/s

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



Undefined throughput domain
unitless

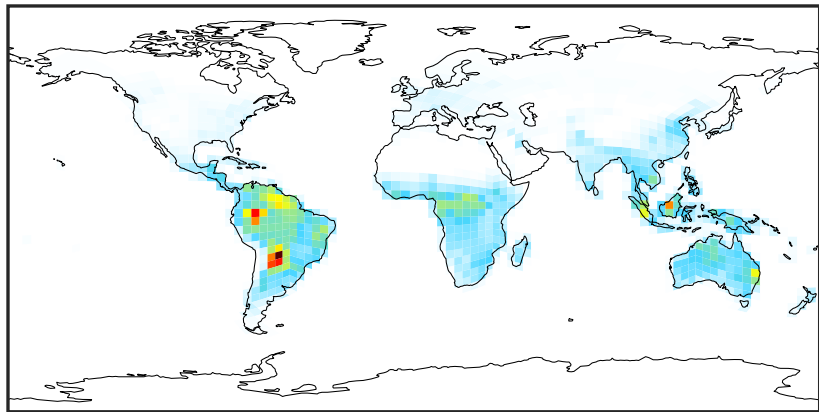
Ratio (1x1.25)
Dev/Ref, Fixed Range



Undefined throughput domain
unitless

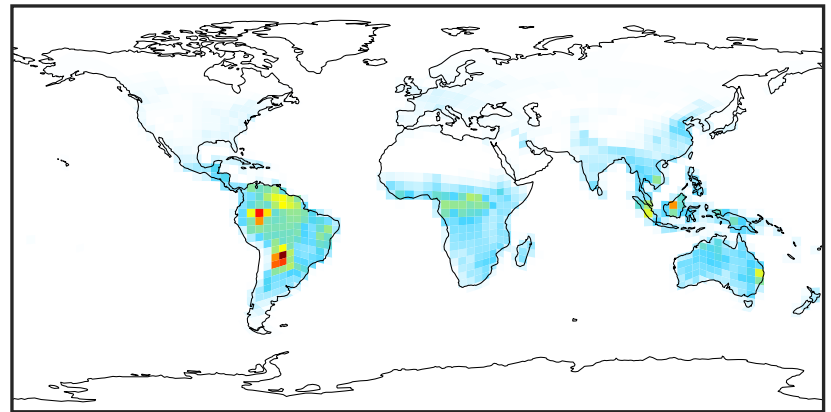
EmisEOH_Total (Jan2019)

GCHP_14.0.0 (Ref)
c24



0.0 1.5 3.0 4.5
kg/m2/s 1e-11

GCHP_14.2.0 (Dev)
c24



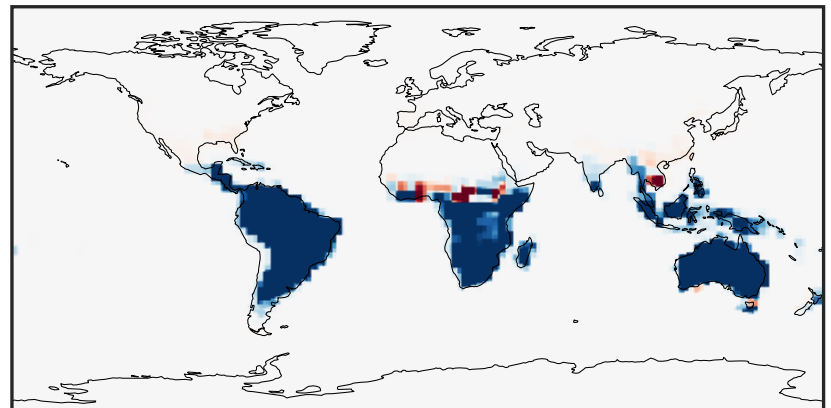
0.0 1.5 3.0 4.5
kg/m2/s 1e-11

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



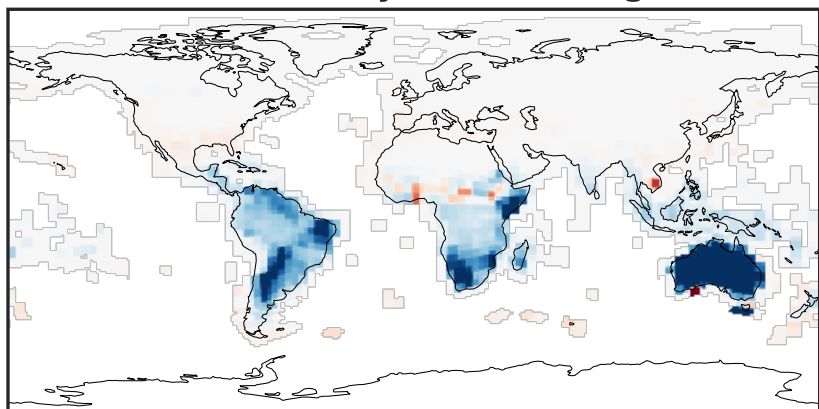
-2 0 2
kg/m2/s 1e-12

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



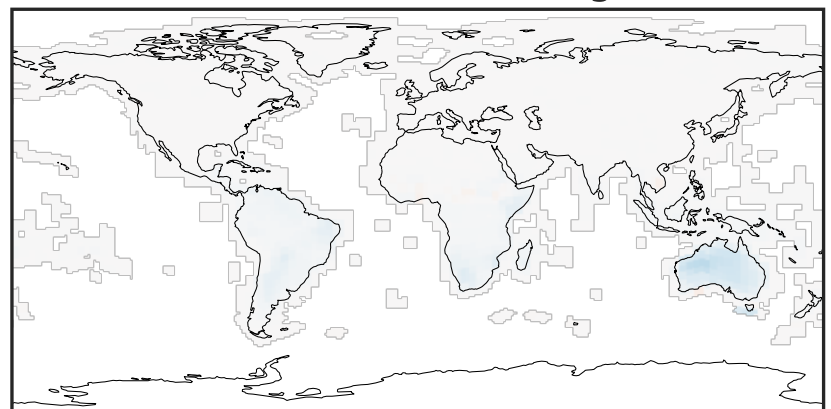
-5 0 5
kg/m2/s 1e-14

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



0.95247 0.97623 1.00000 1.02495 1.04991
unitless

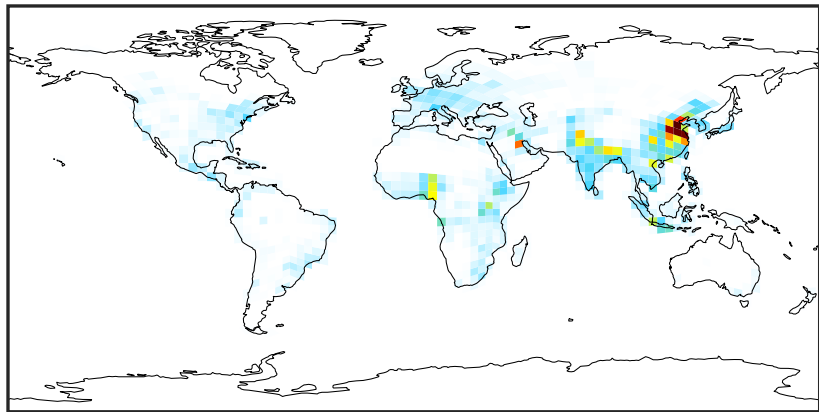
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

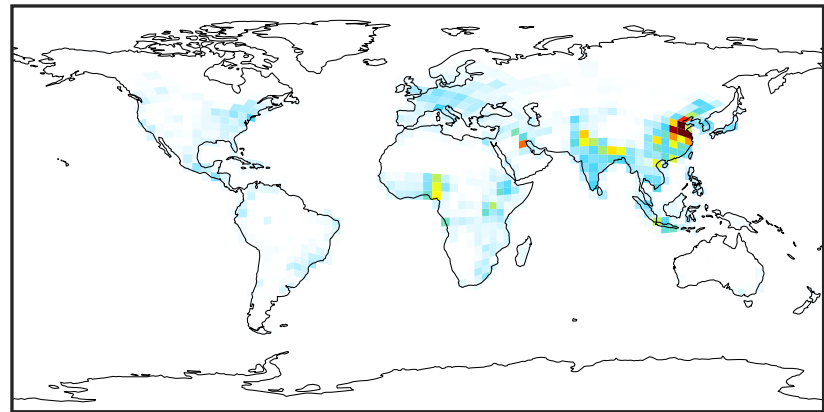
EmisMOH_Anthro (Jan2019)

GCHP_14.0.0 (Ref)
c24



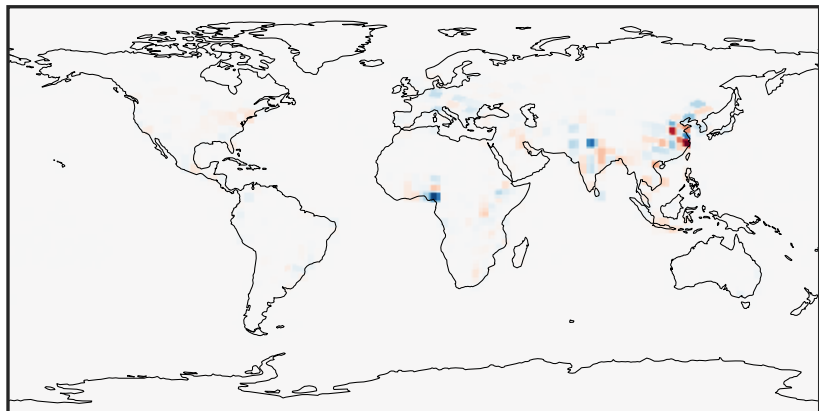
0.0 0.4 0.8 1.2
kg/m2/s 1e-11

GCHP_14.2.0 (Dev)
c24



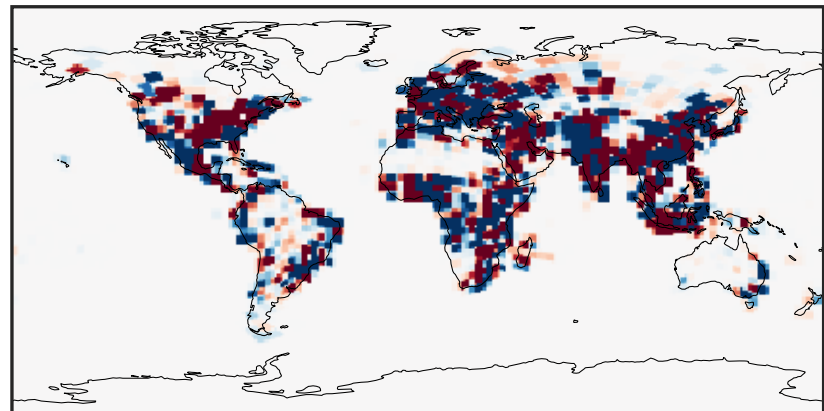
0.0 0.4 0.8 1.2
kg/m2/s 1e-11

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



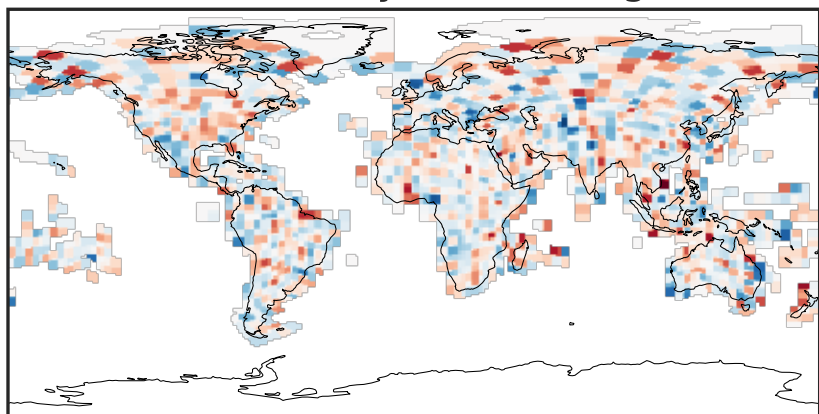
-2.5 0.0 2.5
kg/m2/s 1e-16

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



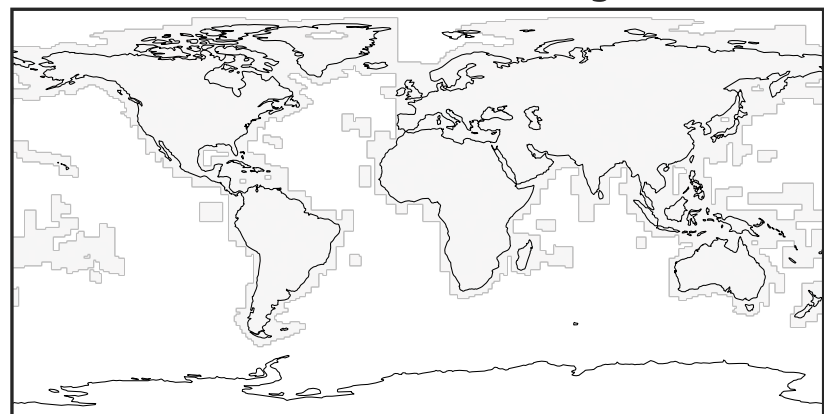
-2 0 2
kg/m2/s 1e-18

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



0.9999312 1.000000 1.0000688
unitless

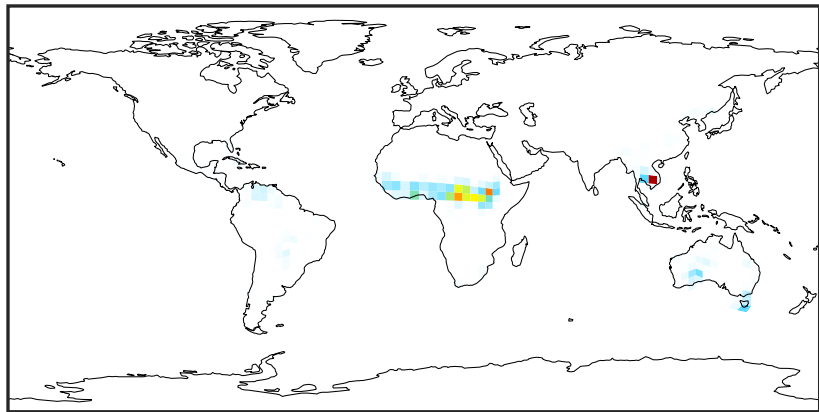
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

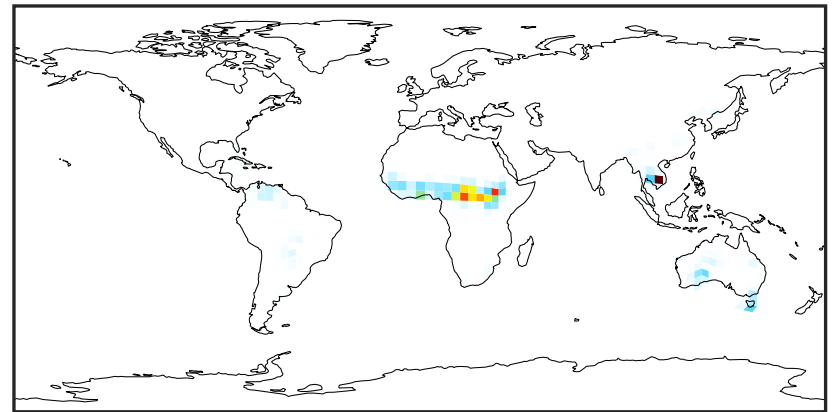
EmisMOH_BioBurn (Jan2019)

GCHP_14.0.0 (Ref)
c24



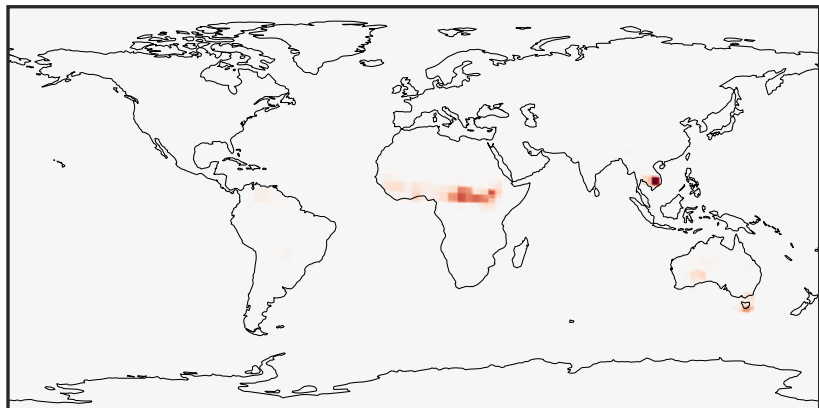
0.0 2.5 5.0 7.5
kg/m2/s 1e-11

GCHP_14.2.0 (Dev)
c24



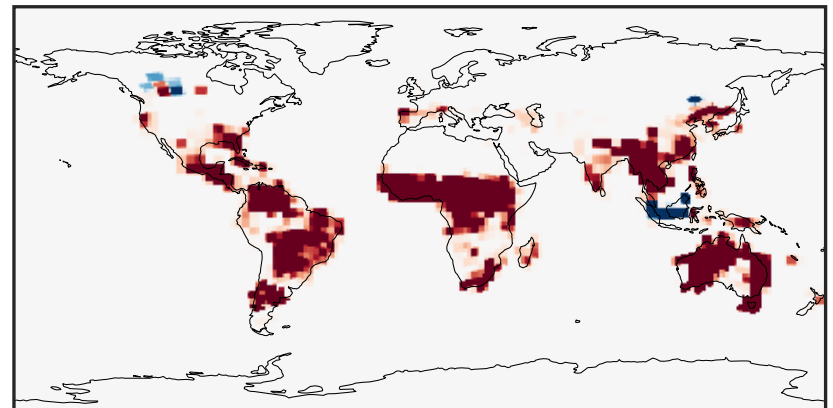
0.0 2.5 5.0 7.5
kg/m2/s 1e-11

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



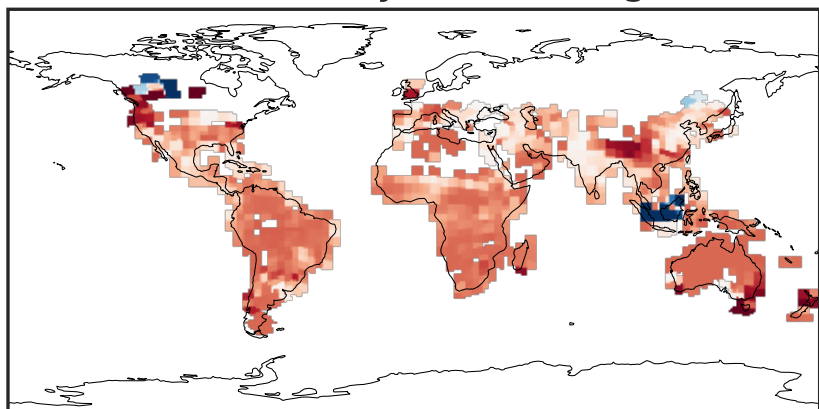
-6 0 6
kg/m2/s 1e-12

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



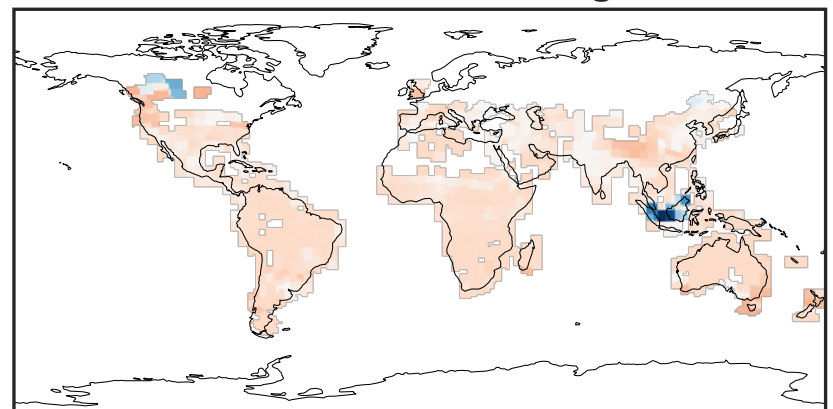
-8 0 8
kg/m2/s 1e-15

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



0.7909 0.8954 1.0000 1.1322 1.2644
unitless

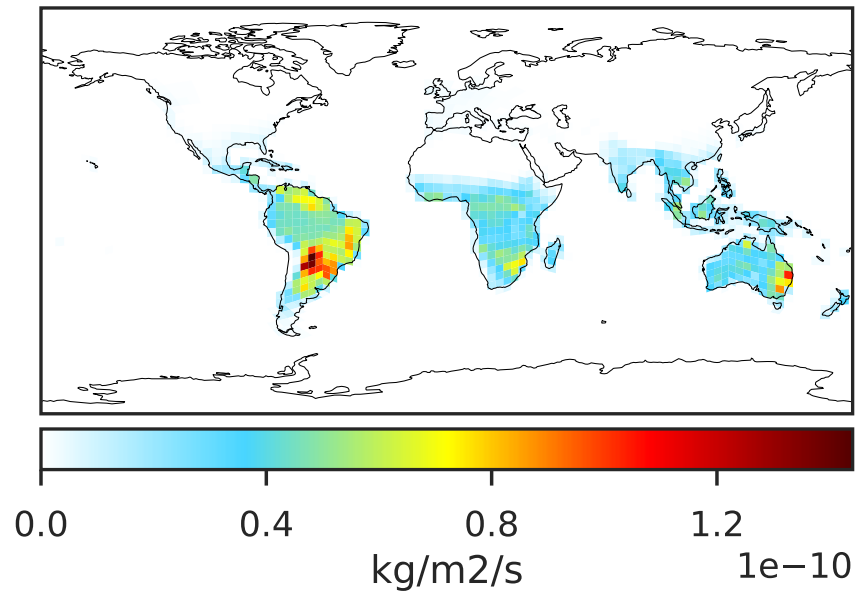
Ratio (1x1.25)
Dev/Ref, Fixed Range



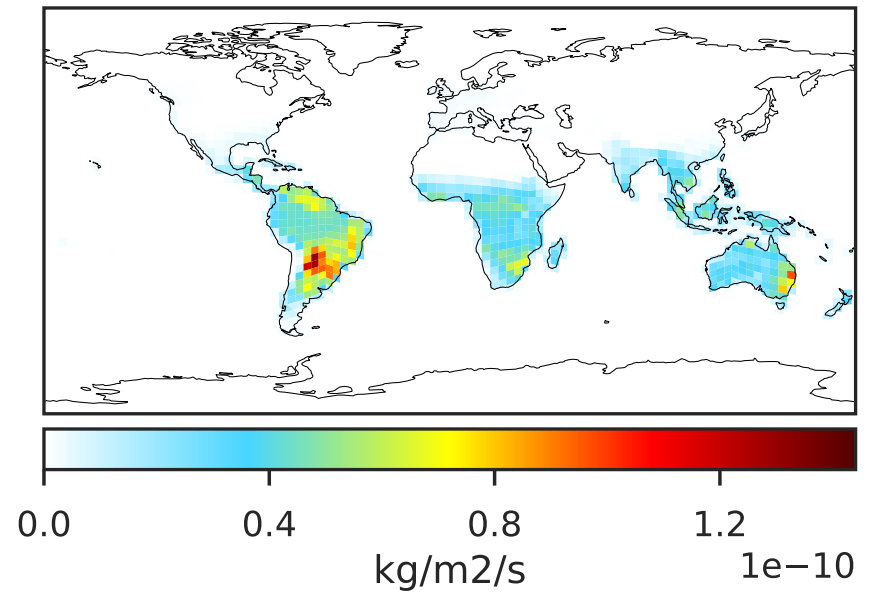
0.50 0.75 1.00 1.50 2.00
unitless

EmisMOH_Biogenic (Jan2019)

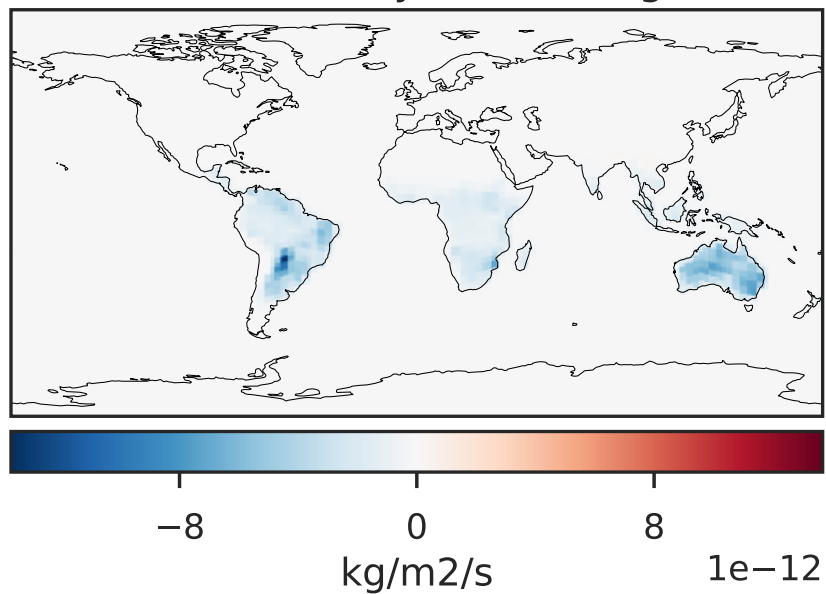
GCHP_14.0.0 (Ref)
c24



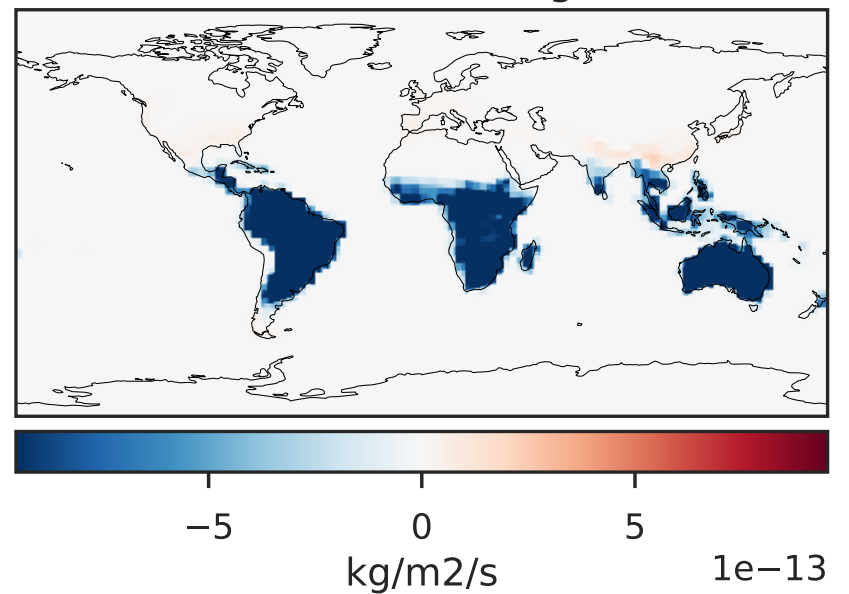
GCHP_14.2.0 (Dev)
c24



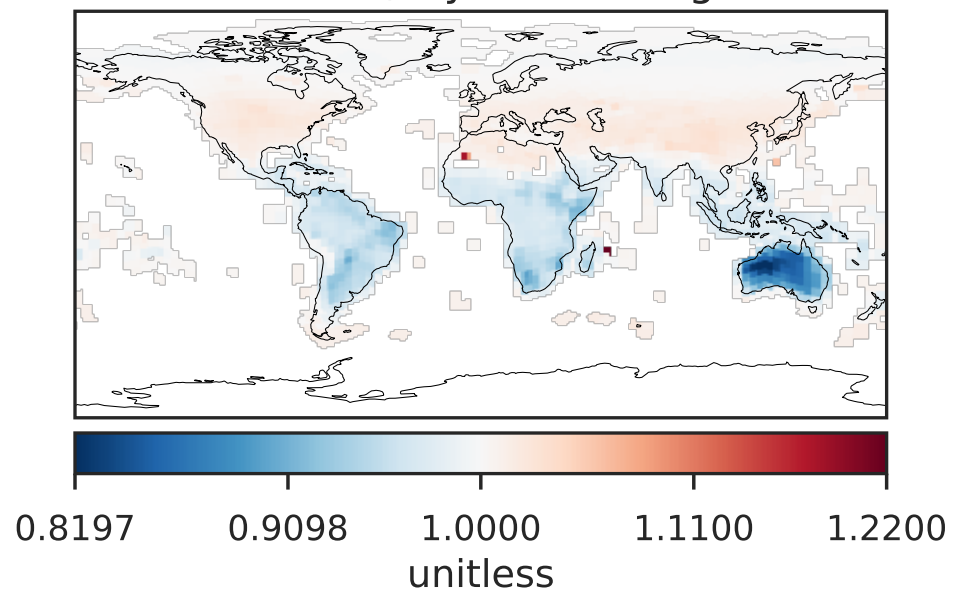
Difference (1x1.25)
Dev - Ref, Dynamic Range



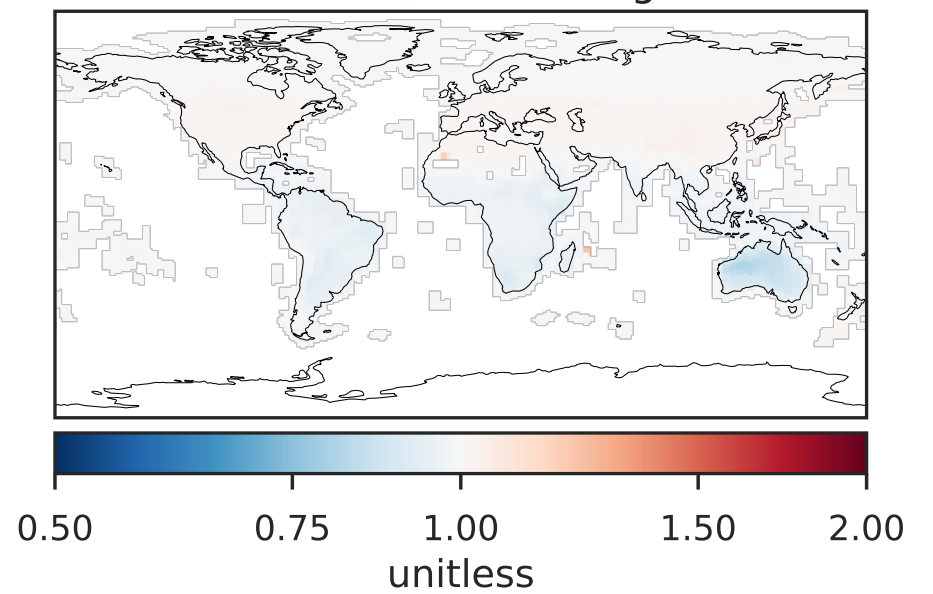
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

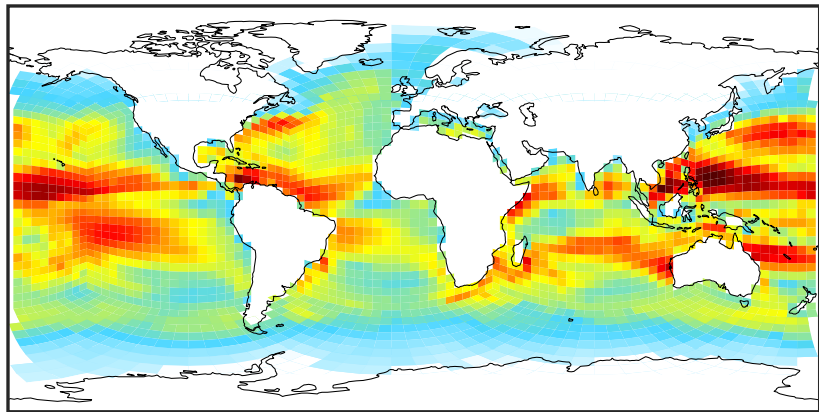


Ratio (1x1.25)
Dev/Ref, Fixed Range



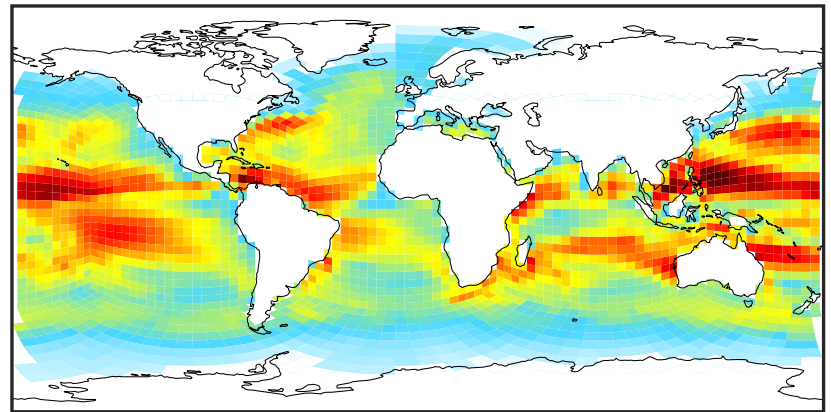
EmisMOH_Ocean (Jan2019)

GCHP_14.0.0 (Ref)
c24



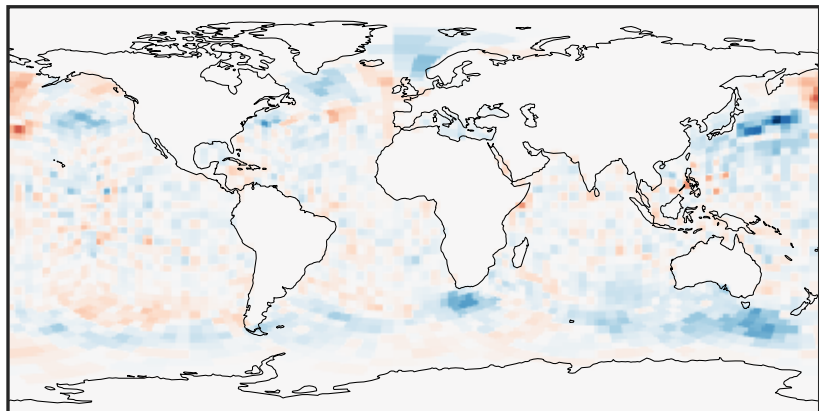
0.0 2.5 5.0 7.5
kg/m²/s 1e-13

GCHP_14.2.0 (Dev)
c24



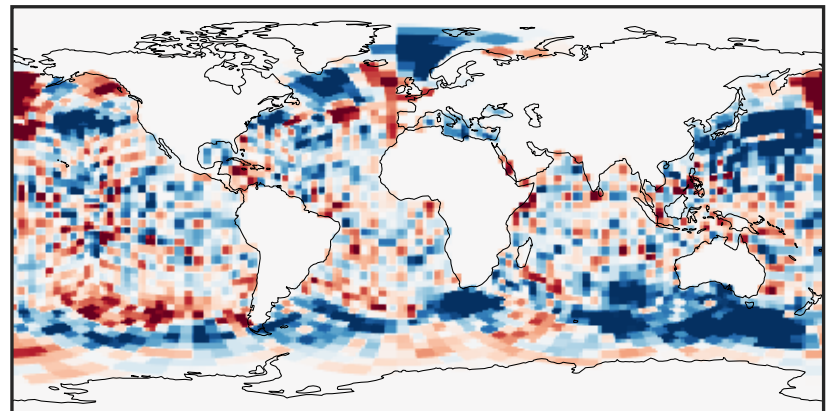
0.0 2.5 5.0 7.5
kg/m²/s 1e-13

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



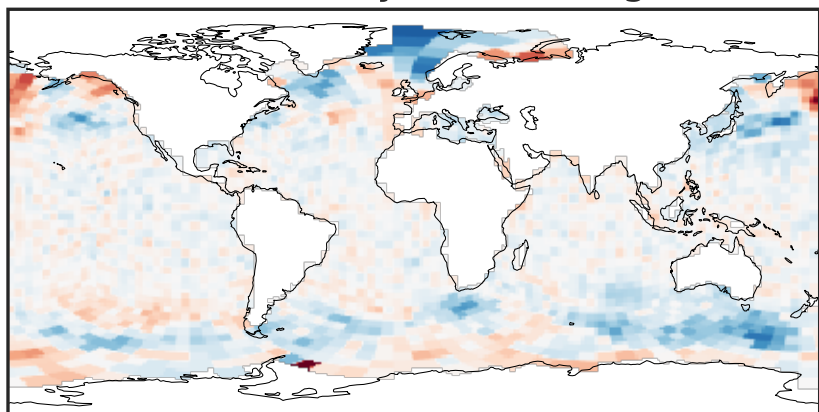
-2 0 2
kg/m²/s 1e-18

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



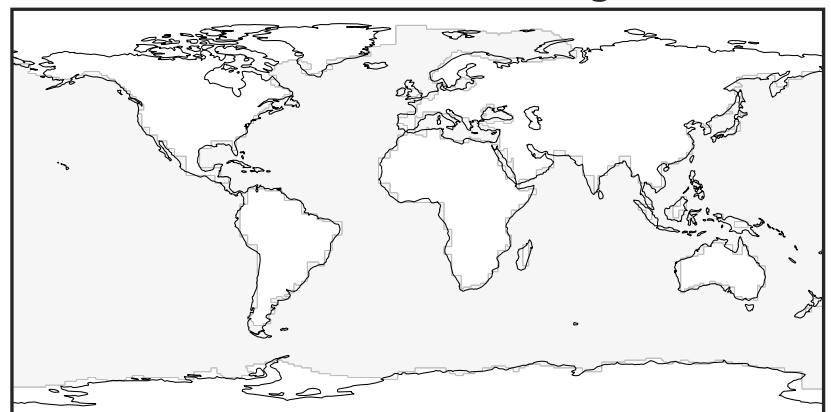
-4 0 4
kg/m²/s 1e-19

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



0.99998899 1.00000000 1.00001101
unitless

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



0.50 0.75 1.00 1.50 2.00
unitless

EmisMOH_Ship (Jan2019)

GCHP_14.0.0 (Ref)
c24



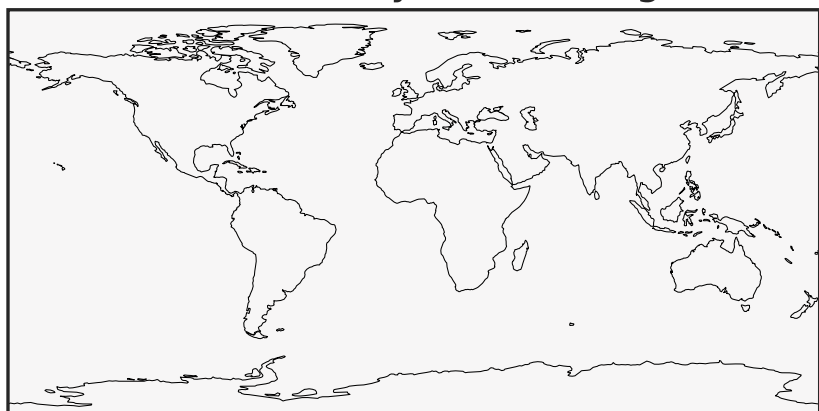
Zero throughput domain
kg/m²/s

GCHP_14.2.0 (Dev)
c24



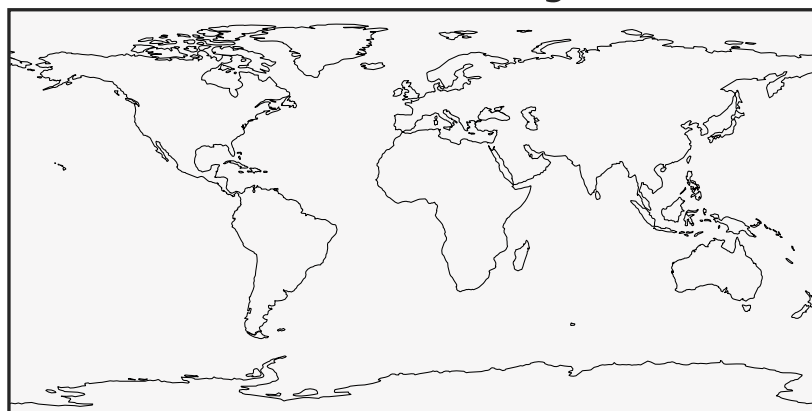
Zero throughput domain
kg/m²/s

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



Zero throughput domain
kg/m²/s

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



Zero throughput domain
kg/m²/s

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



Undefined throughput domain
unitless

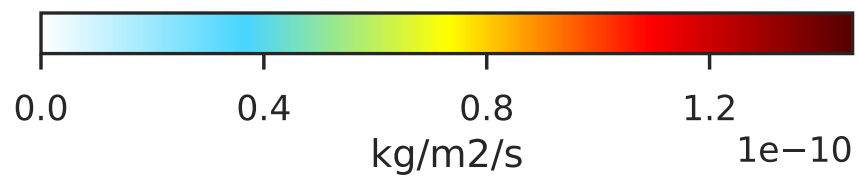
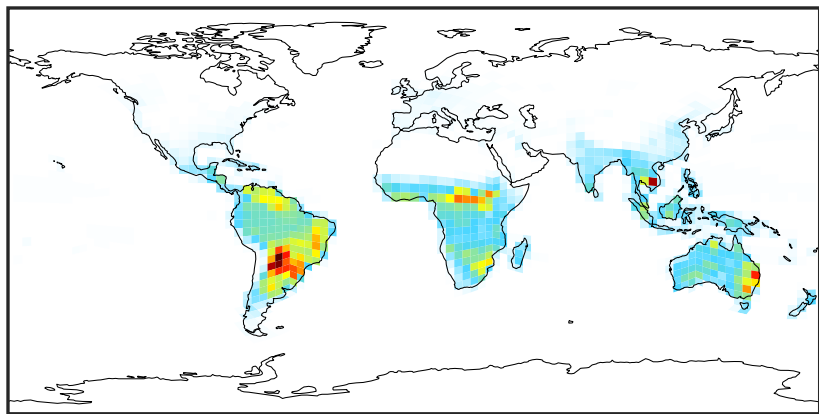
Ratio (1x1.25)
Dev/Ref, Fixed Range



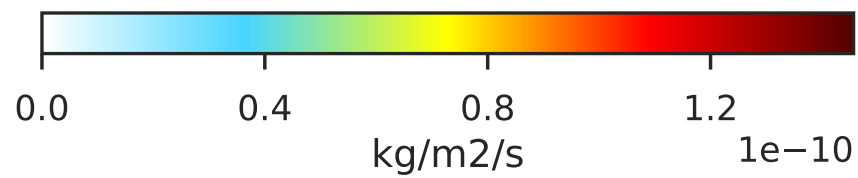
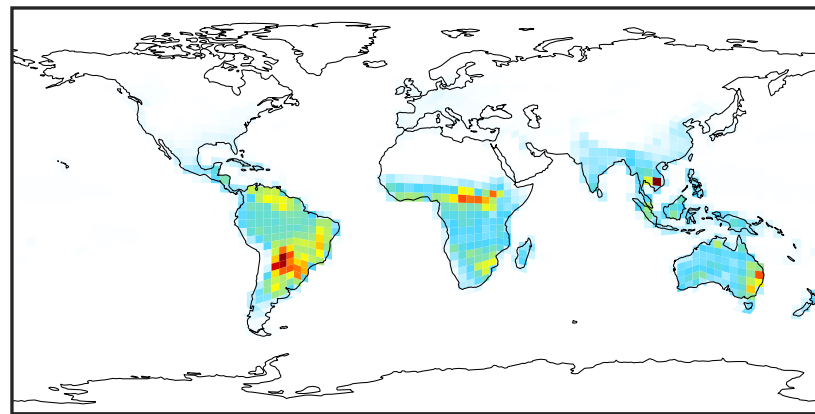
Undefined throughput domain
unitless

EmisMOH_Total (Jan2019)

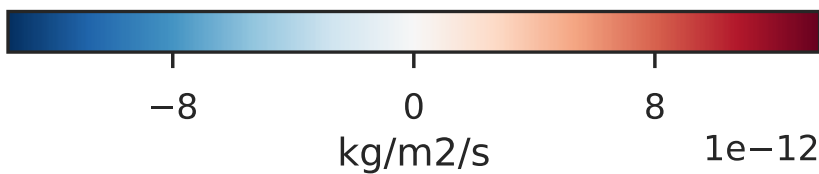
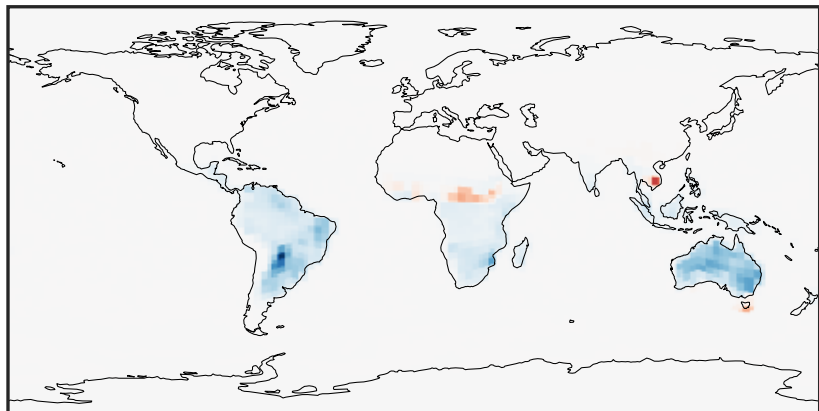
GCHP_14.0.0 (Ref)
c24



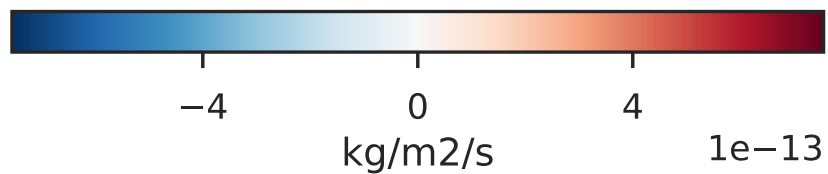
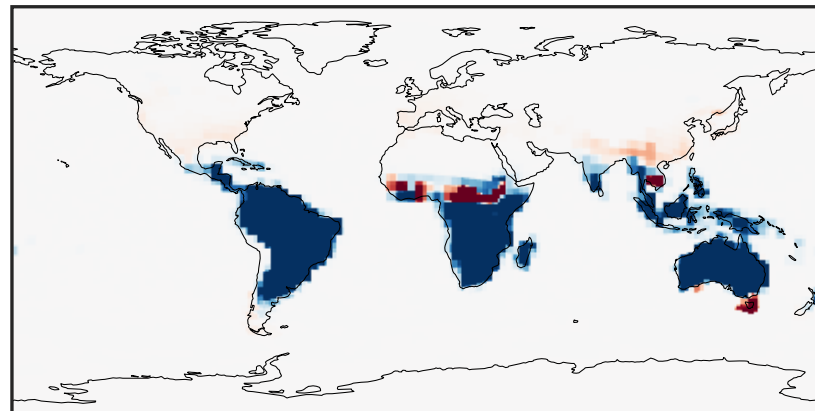
GCHP_14.2.0 (Dev)
c24



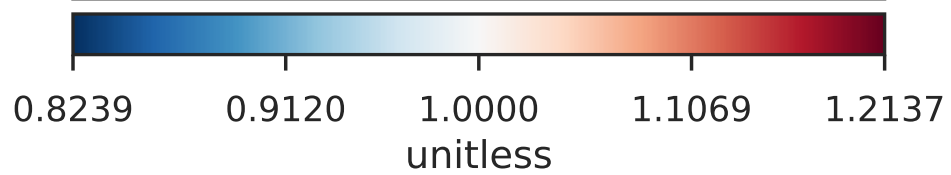
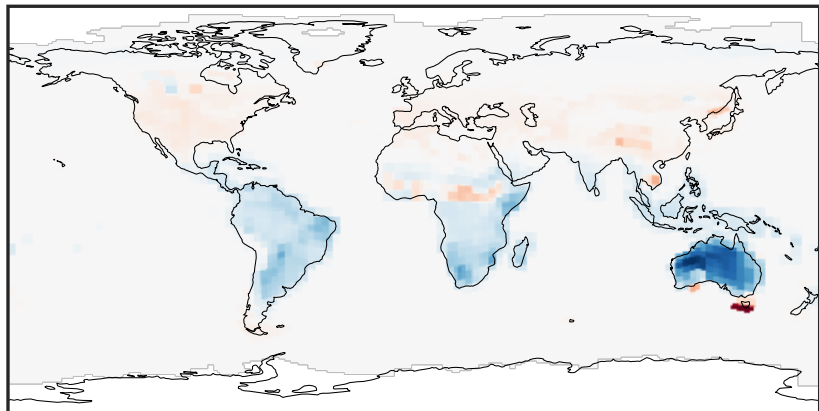
Difference (1x1.25)
Dev - Ref, Dynamic Range



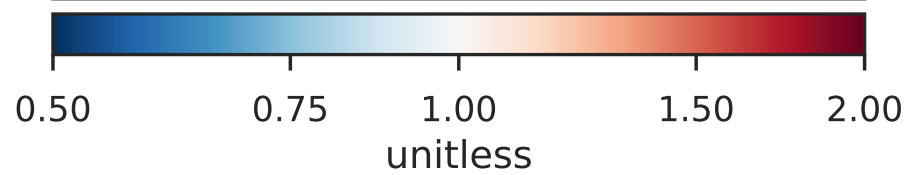
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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



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



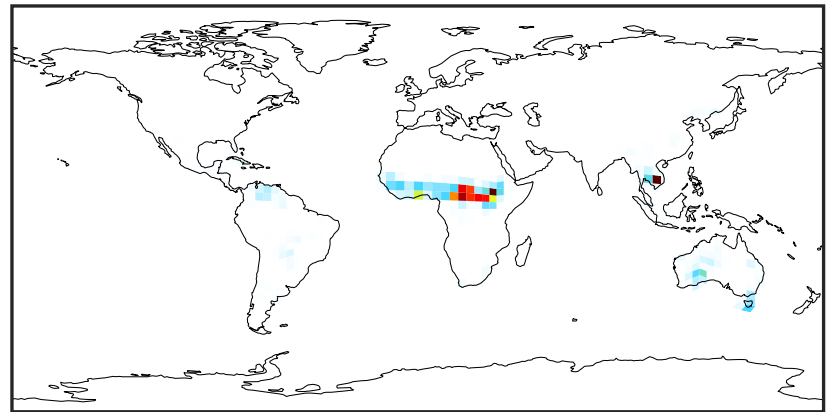
EmisSOP_BioBurn (Jan2019)

GCHP_14.0.0 (Ref)
c24



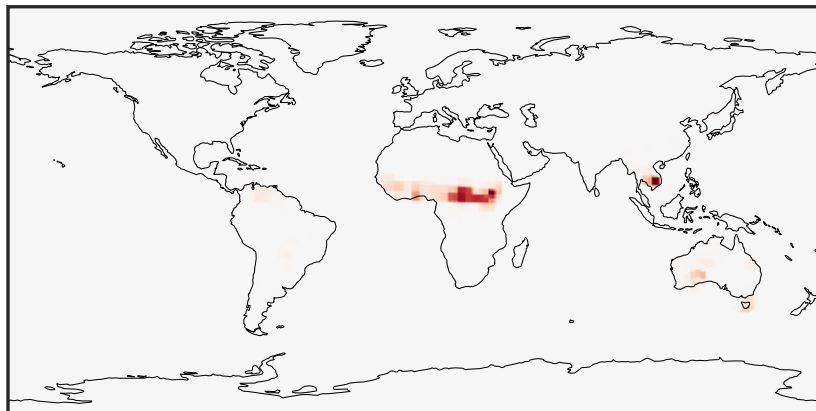
Zero throughout domain
kg/m²/s

GCHP_14.2.0 (Dev)
c24



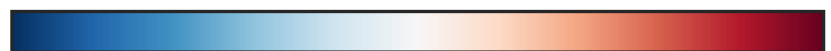
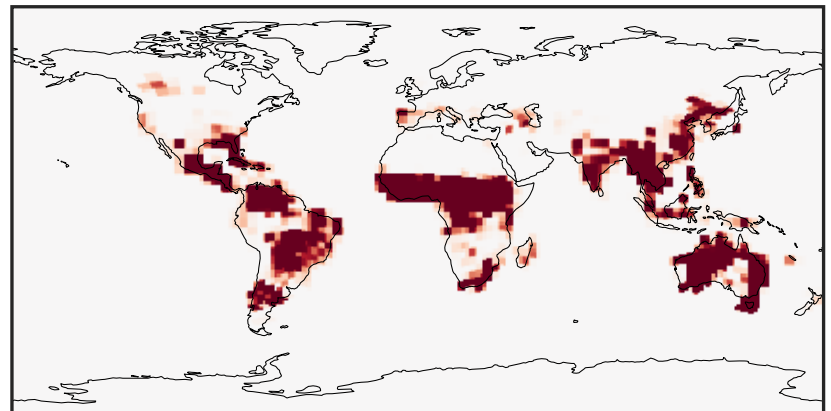
0.0 1.5 3.0
kg/m²/s 1e-12

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



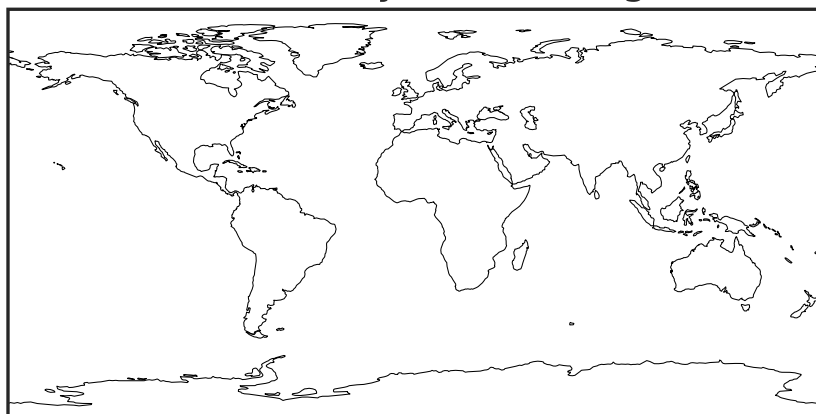
-2.5 0.0 2.5
kg/m²/s 1e-12

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



-5 0 5
kg/m²/s 1e-15

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



Undefined throughout domain
unitless

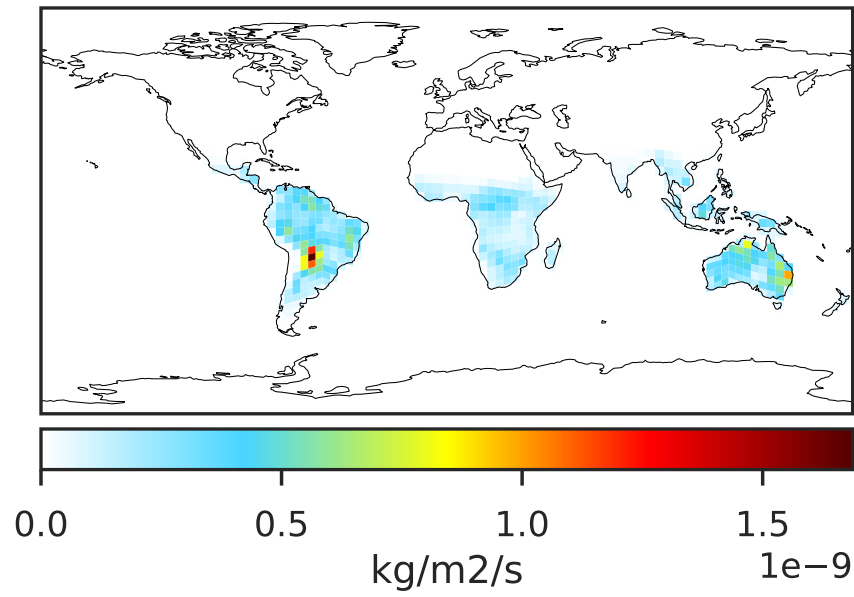
Ratio (1x1.25)
Dev/Ref, Fixed Range



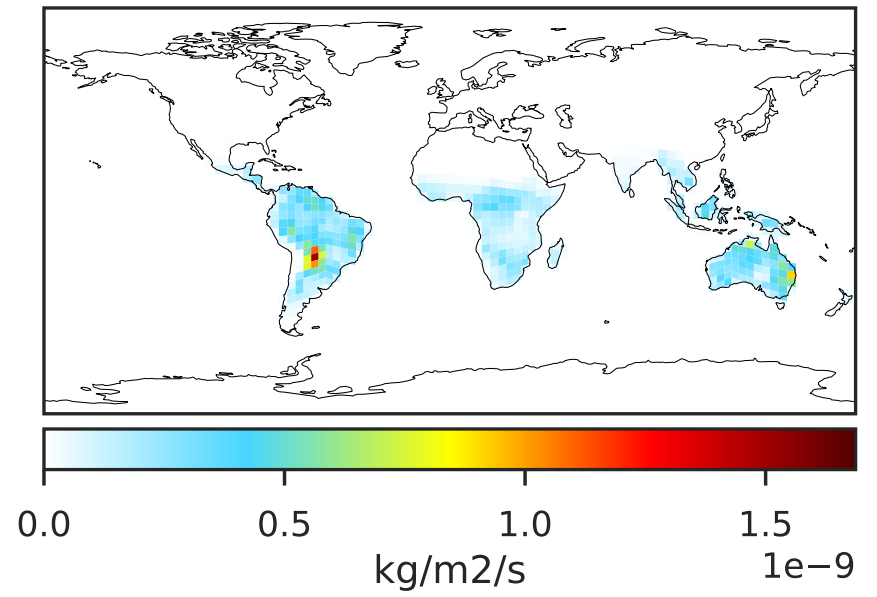
Undefined throughout domain
unitless

EmisISOP_Biogenic (Jan2019)

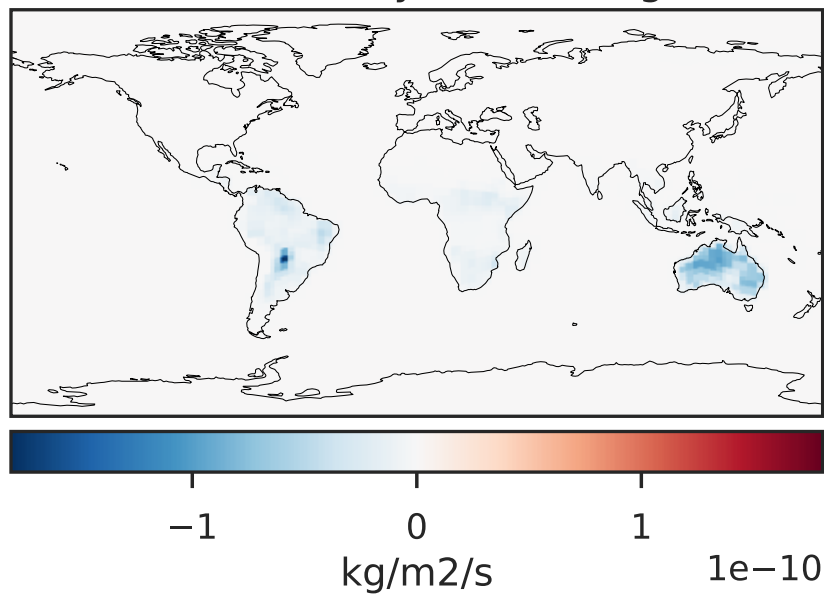
GCHP_14.0.0 (Ref)
c24



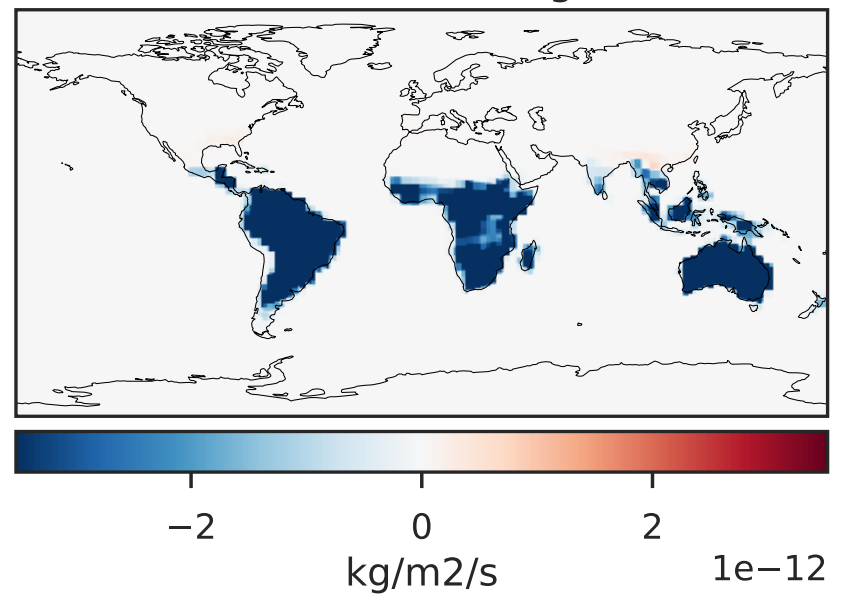
GCHP_14.2.0 (Dev)
c24



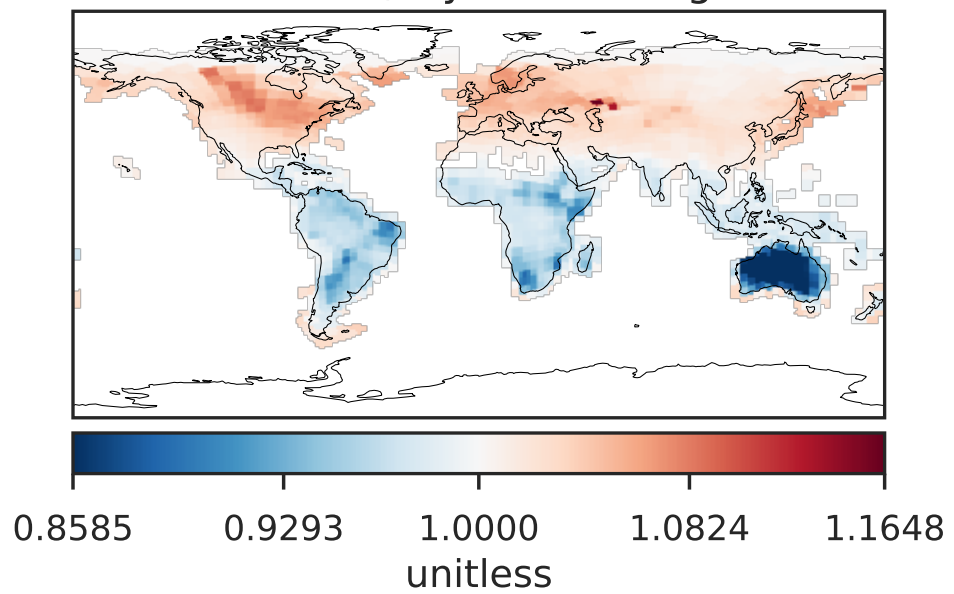
Difference (1x1.25)
Dev - Ref, Dynamic Range



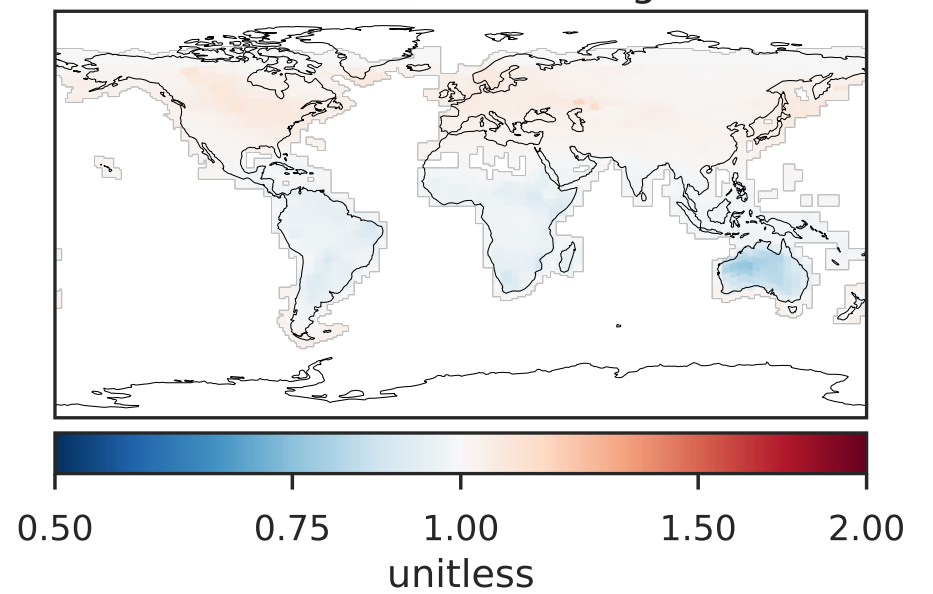
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

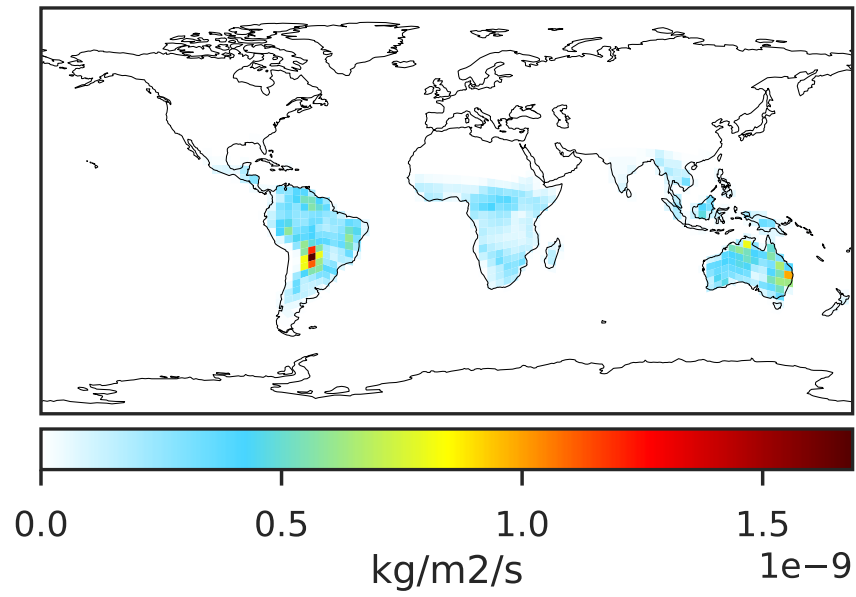


Ratio (1x1.25)
Dev/Ref, Fixed Range

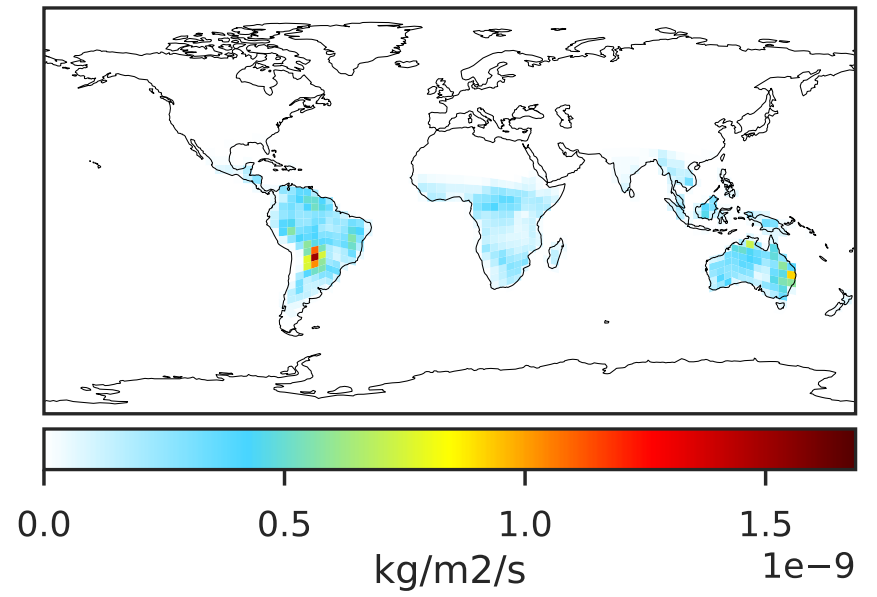


EmisISOP_Total (Jan2019)

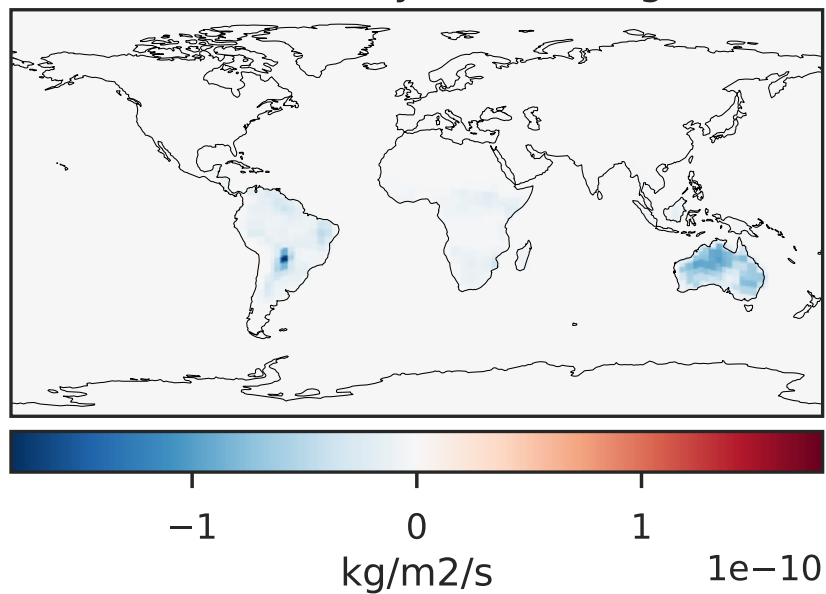
GCHP_14.0.0 (Ref)
c24



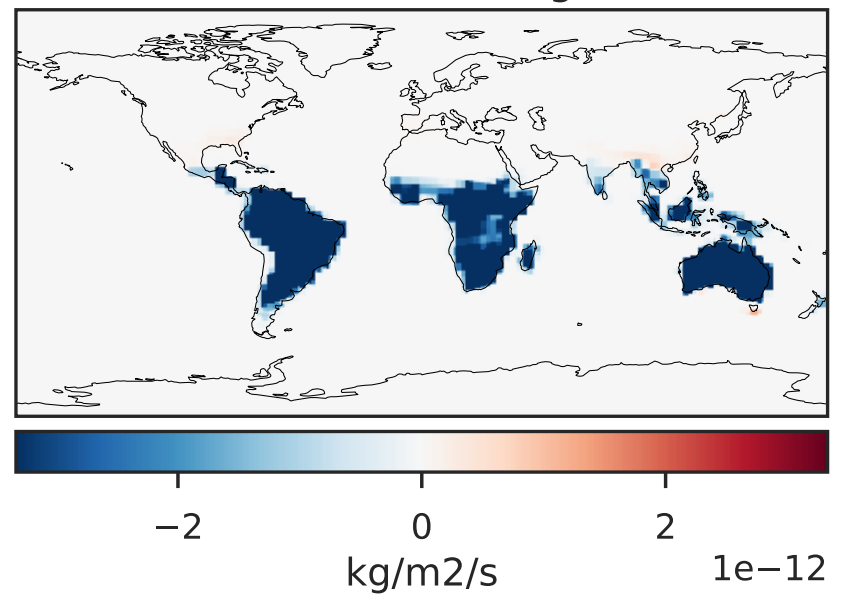
GCHP_14.2.0 (Dev)
c24



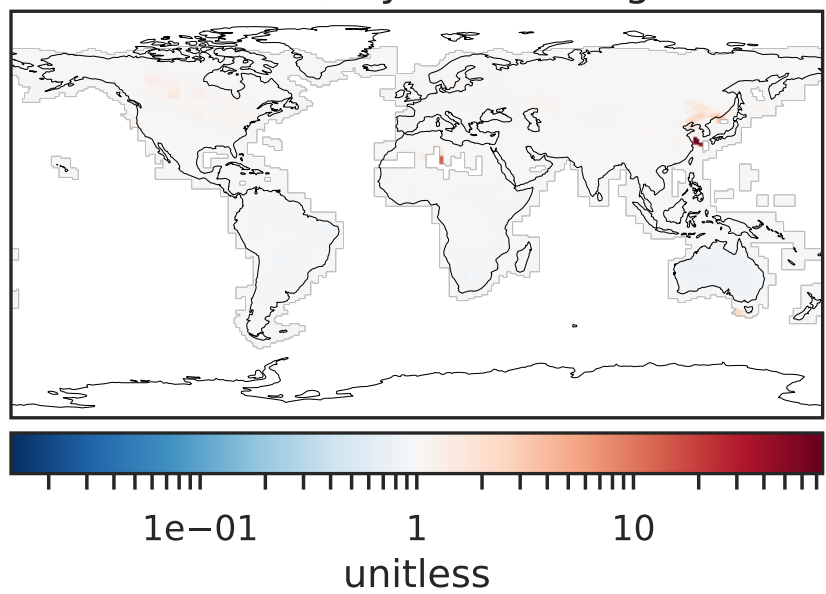
Difference (1x1.25)
Dev - Ref, Dynamic Range



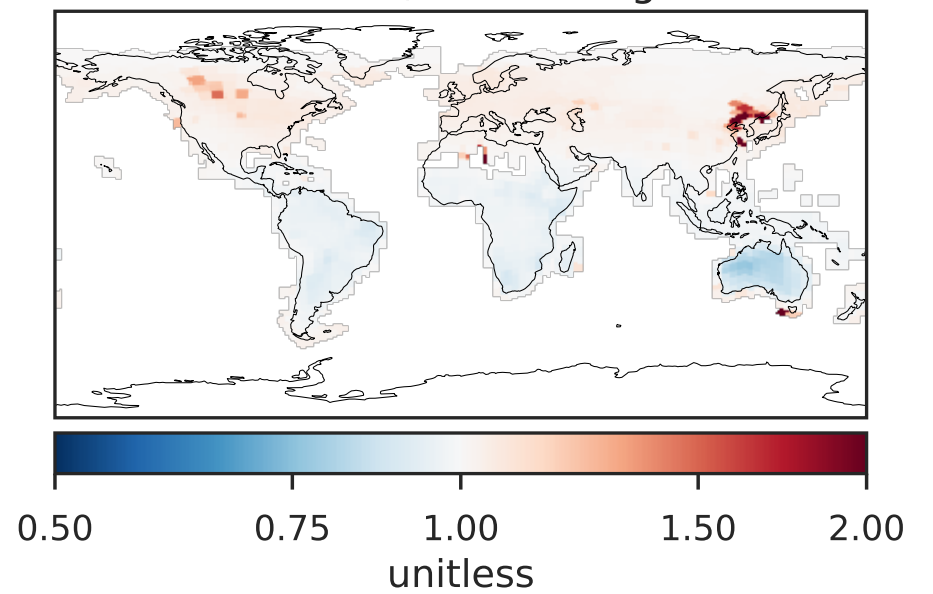
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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



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



EmisMTPA_BioBurn (Jan2019)

GCHP_14.0.0 (Ref)
c24



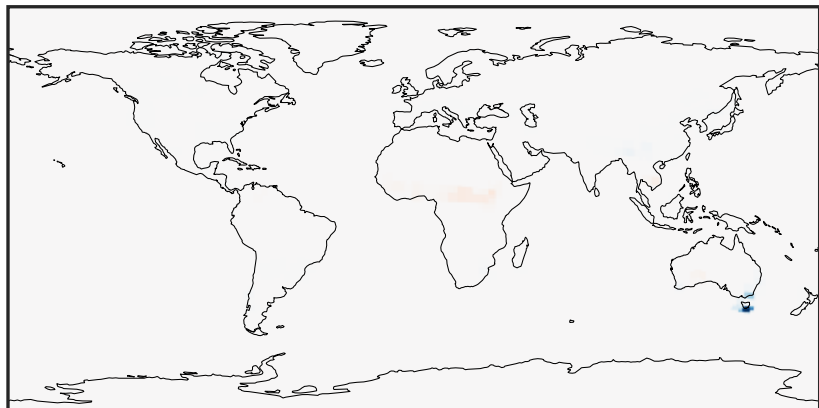
0.0 0.6 1.2 1.8
kg/m²/s 1e-11

GCHP_14.2.0 (Dev)
c24



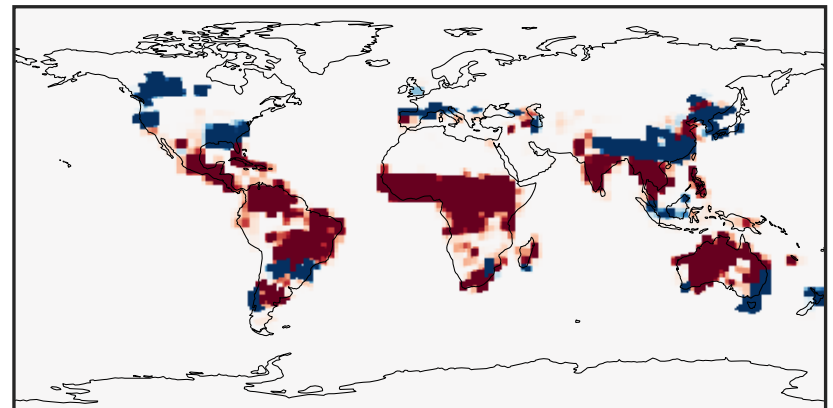
0.0 0.6 1.2 1.8
kg/m²/s 1e-11

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



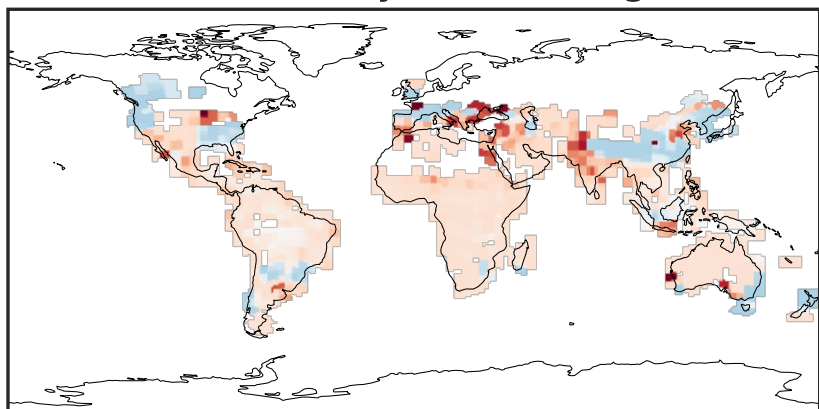
-5 0 5
kg/m²/s 1e-12

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



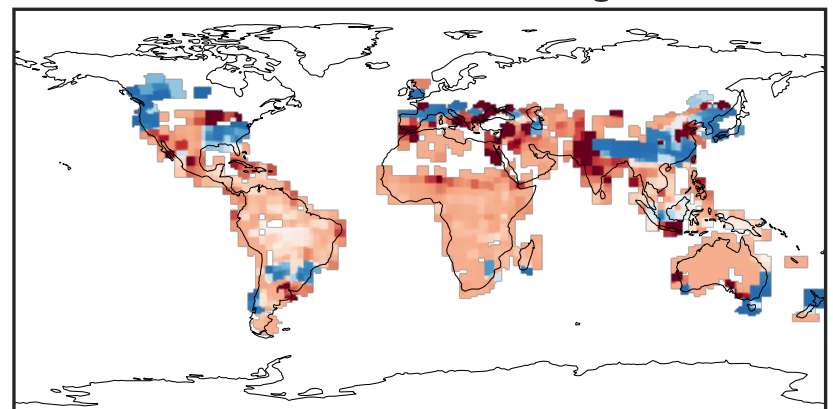
-5 0 5
kg/m²/s 1e-16

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



0.185 0.593 1.000 3.200 5.400
unitless

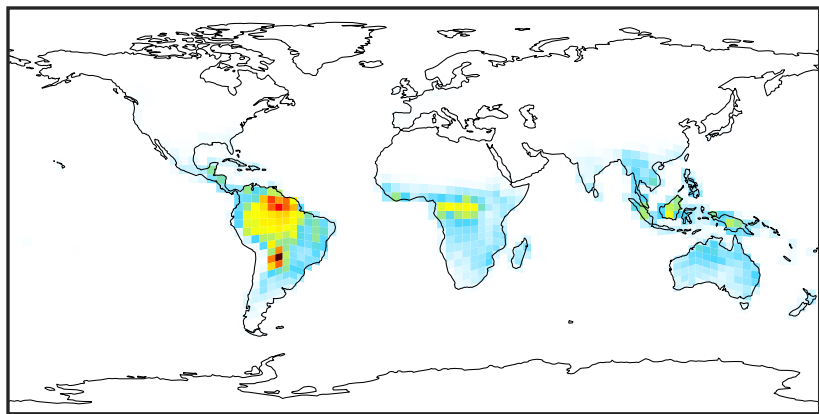
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

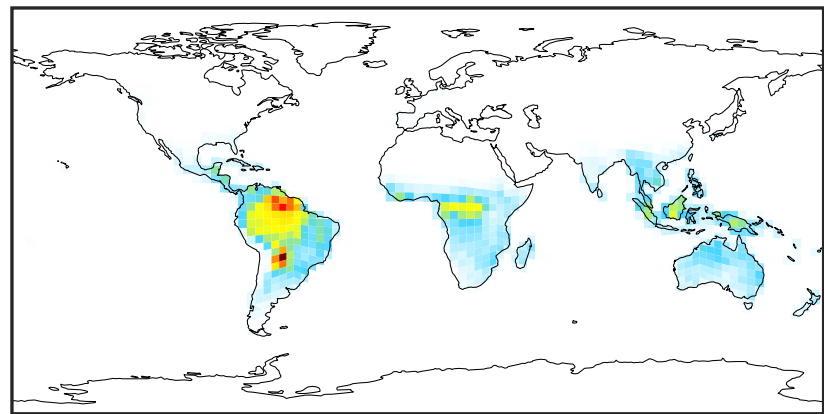
EmisMTPA_Biogenic (Jan2019)

GCHP_14.0.0 (Ref)
c24



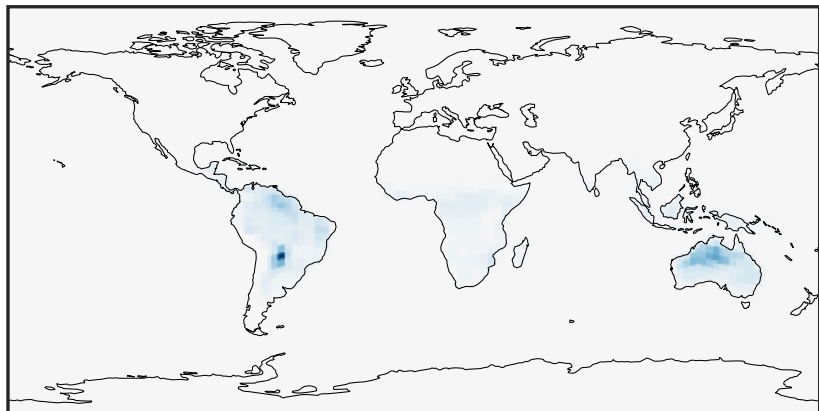
0.0 0.5 1.0 1.5
kg/m²/s 1e-10

GCHP_14.2.0 (Dev)
c24



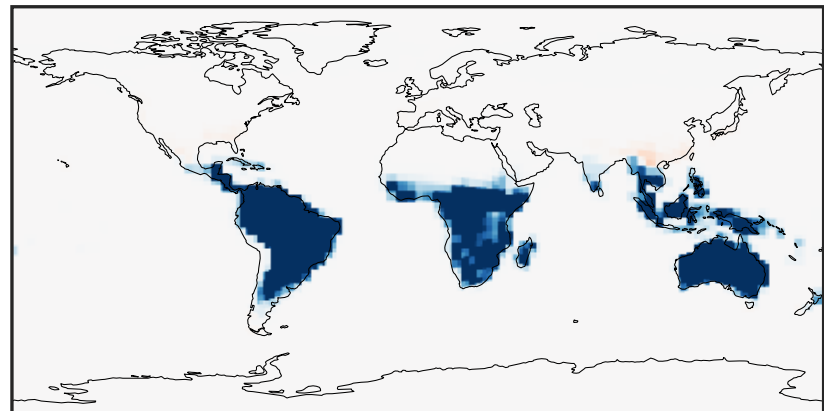
0.0 0.5 1.0 1.5
kg/m²/s 1e-10

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



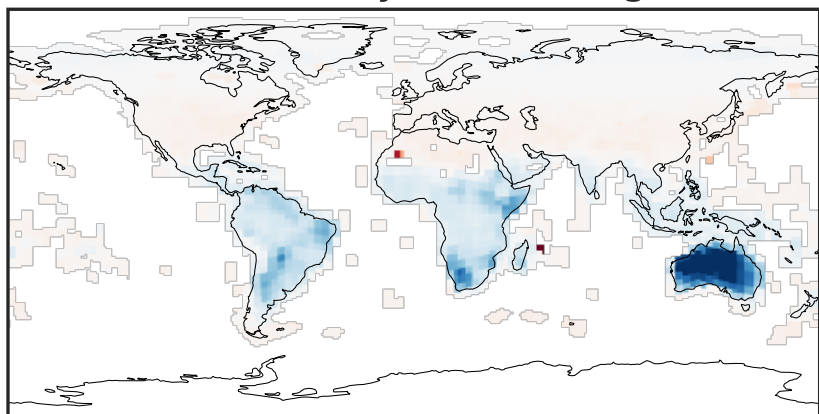
-5 0 5
kg/m²/s 1e-12

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



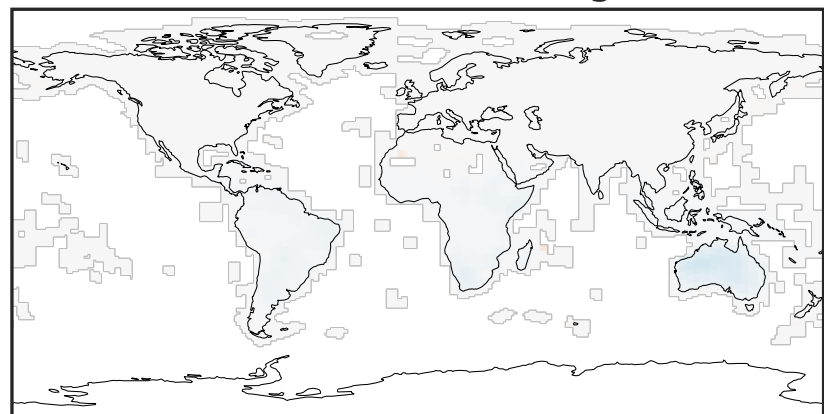
-1.5 0.0 1.5
kg/m²/s 1e-13

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



0.9217 0.9608 1.0000 1.0425 1.0850
unitless

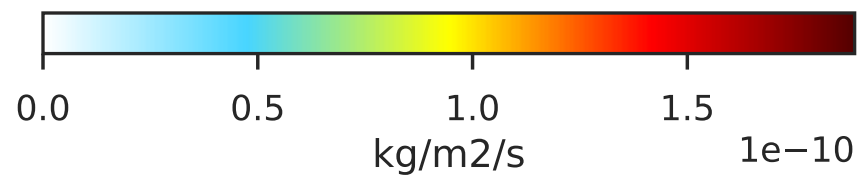
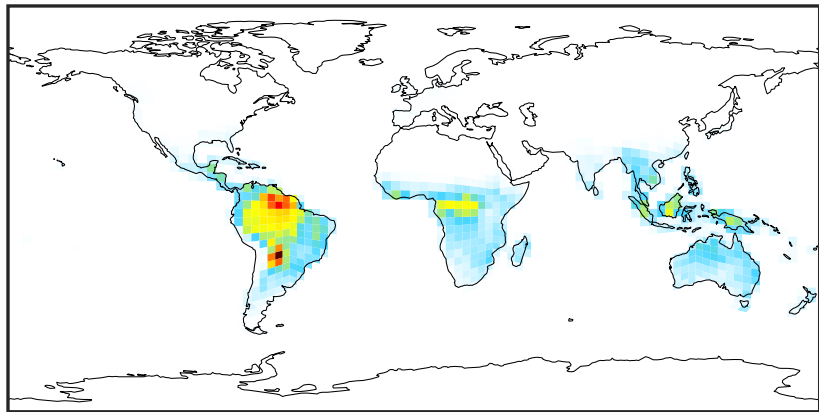
Ratio (1x1.25)
Dev/Ref, Fixed Range



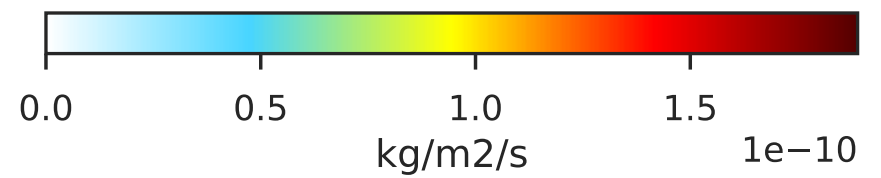
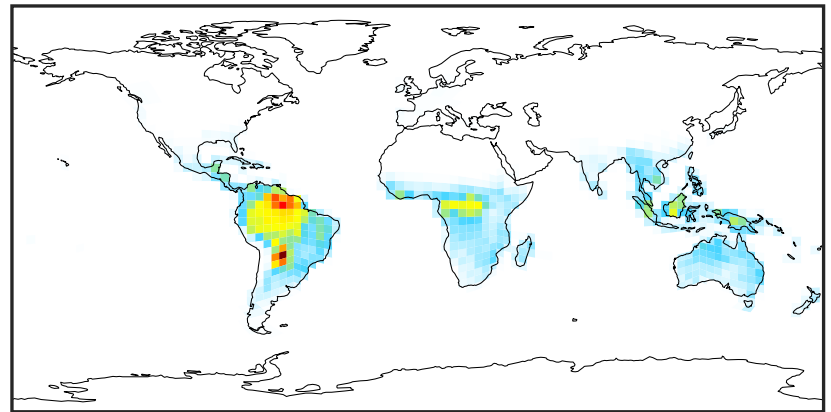
0.50 0.75 1.00 1.50 2.00
unitless

EmisMTPA_Total (Jan2019)

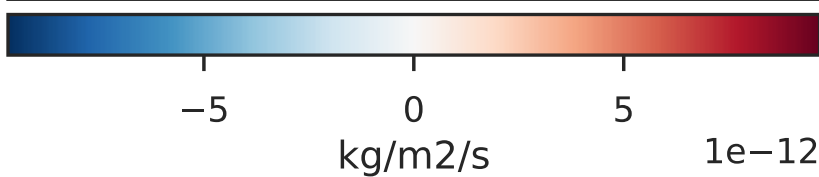
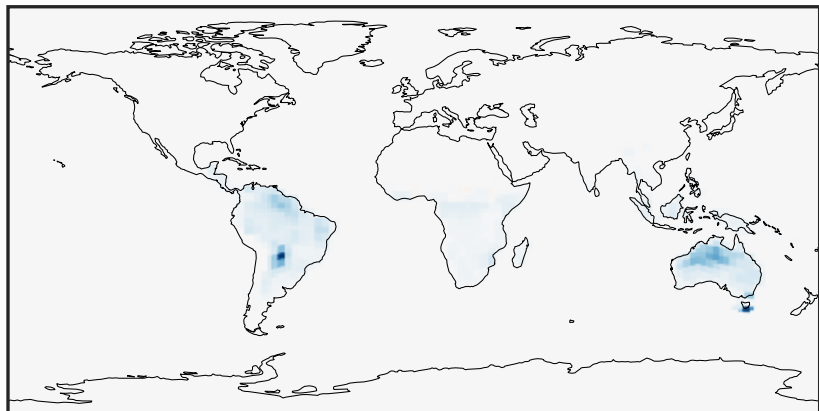
GCHP_14.0.0 (Ref)
c24



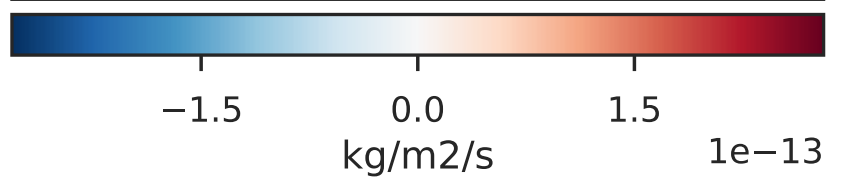
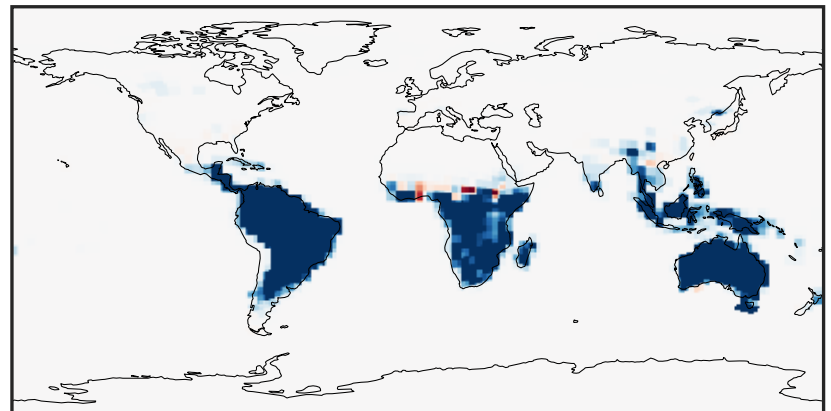
GCHP_14.2.0 (Dev)
c24



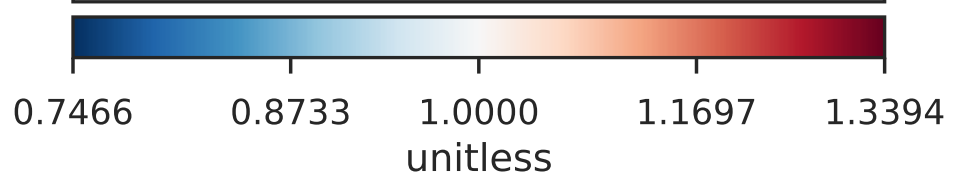
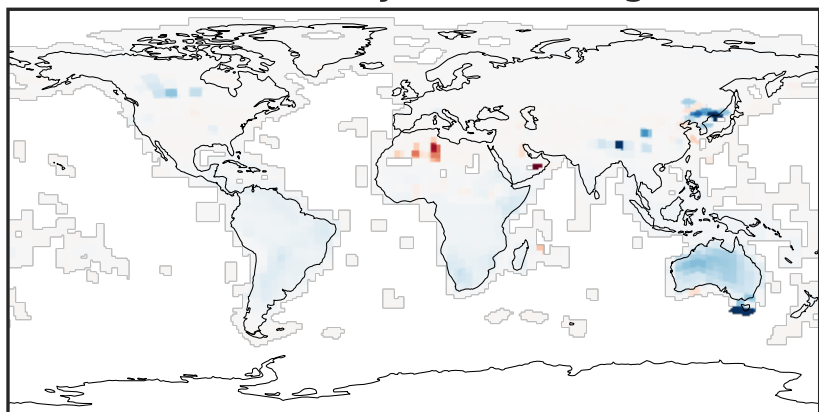
Difference (1x1.25)
Dev - Ref, Dynamic Range



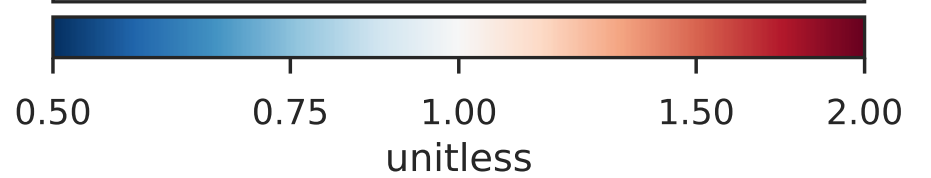
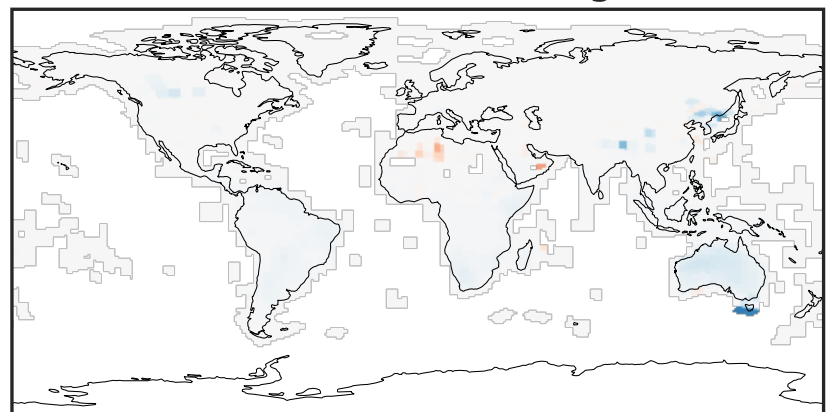
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

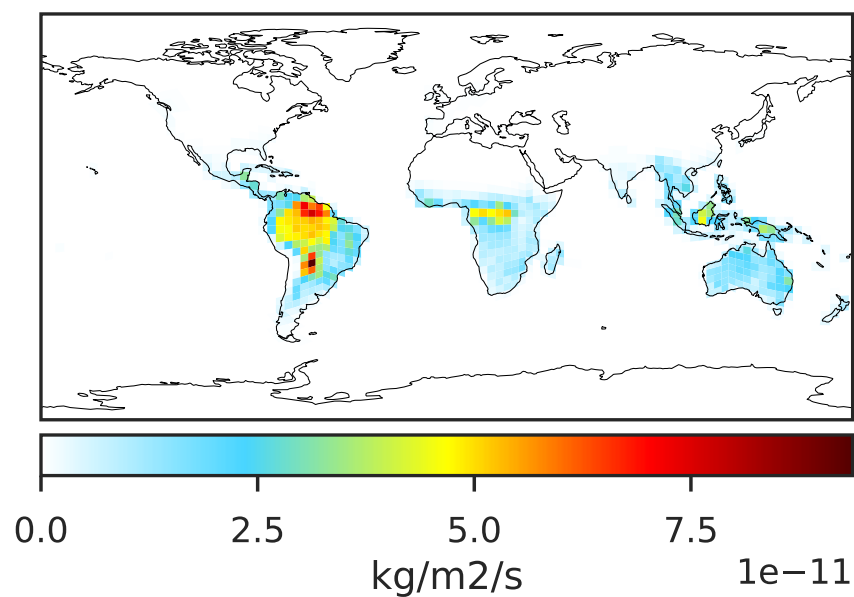


Ratio (1x1.25)
Dev/Ref, Fixed Range

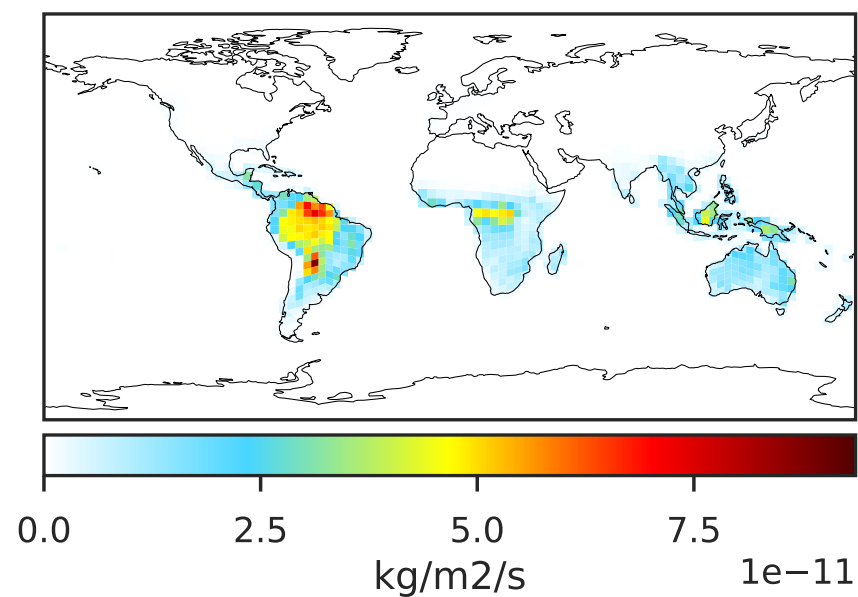


EmisMTPO_Biogenic (Jan2019)

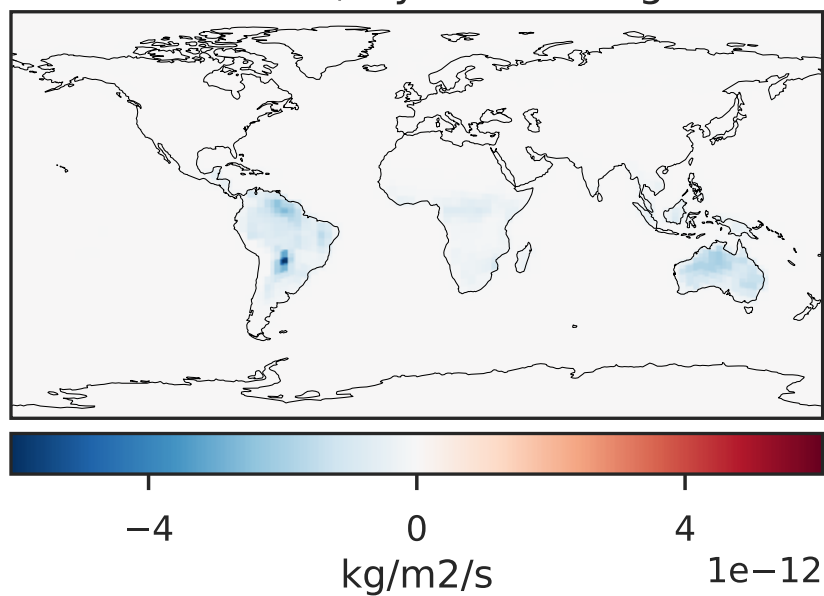
GCHP_14.0.0 (Ref)
c24



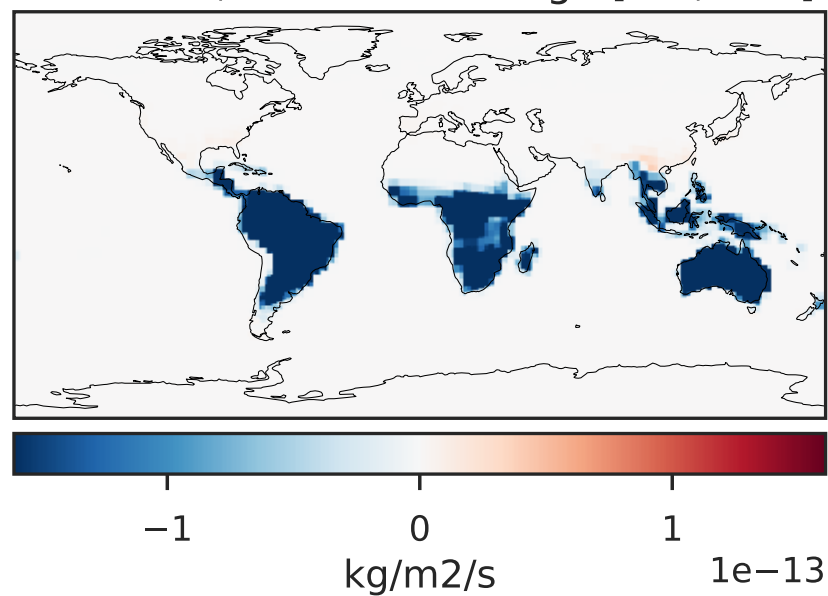
GCHP_14.2.0 (Dev)
c24



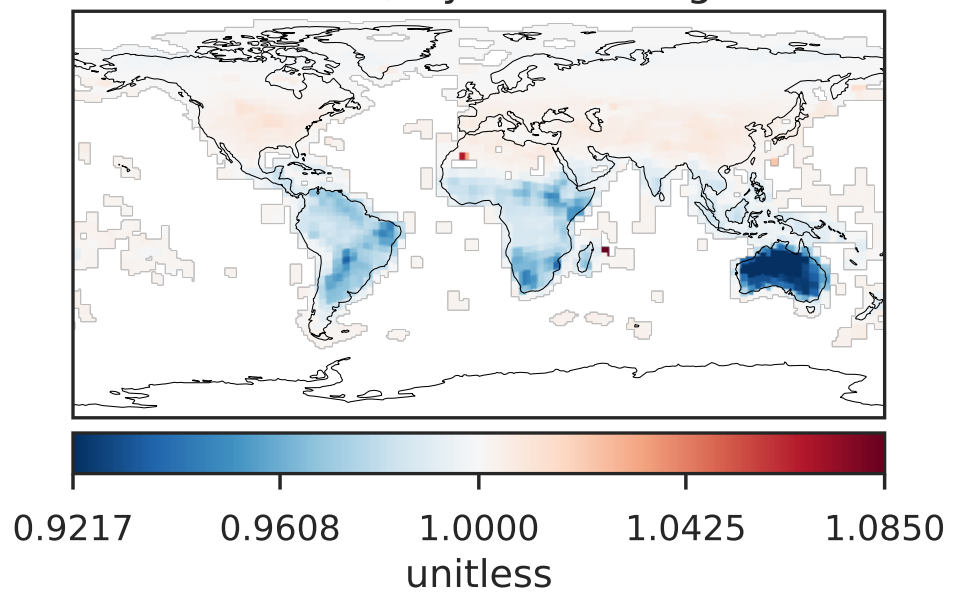
Difference (1x1.25)
Dev - Ref, Dynamic Range



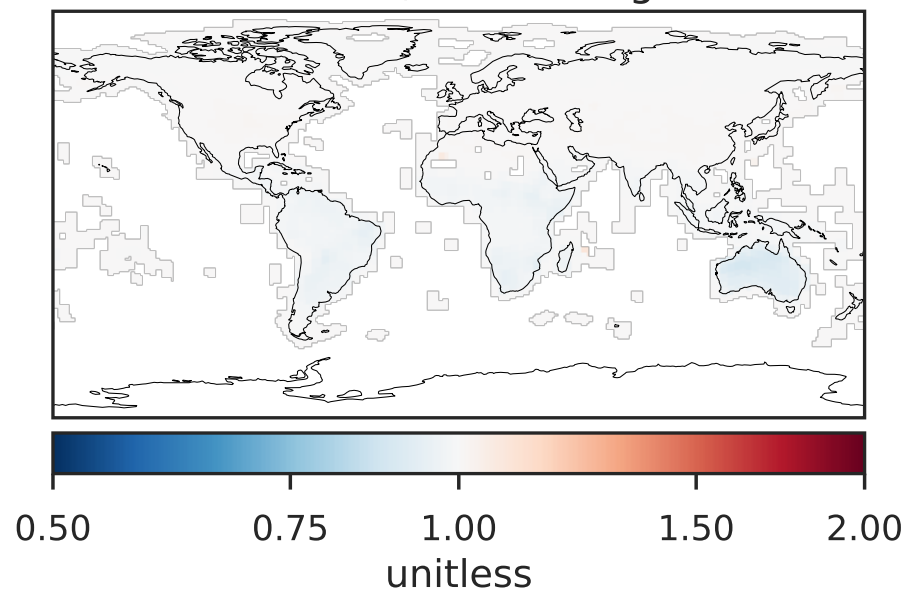
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

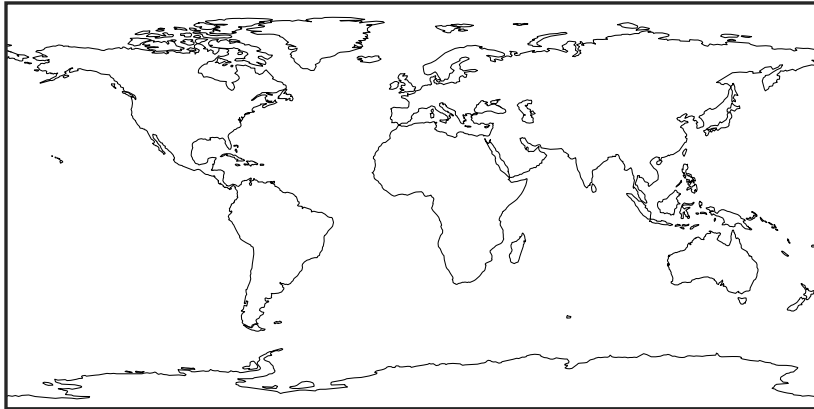


Ratio (1x1.25)
Dev/Ref, Fixed Range



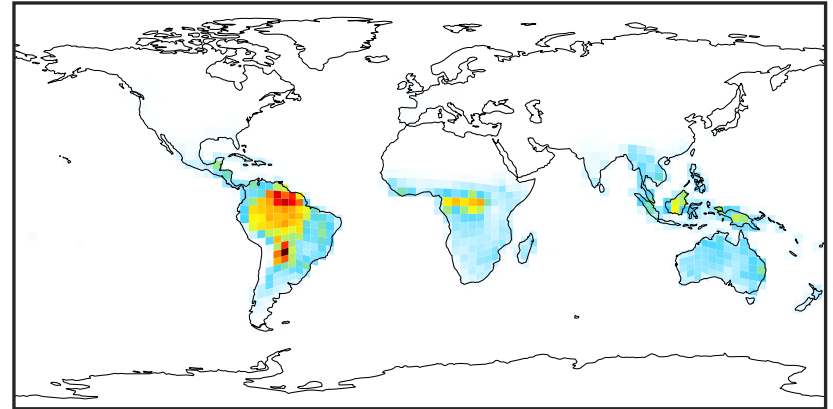
EmisMTPO_Total (Jan2019)

GCHP_14.0.0 (Ref)
c24



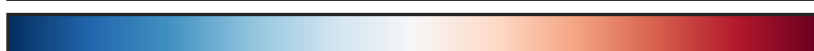
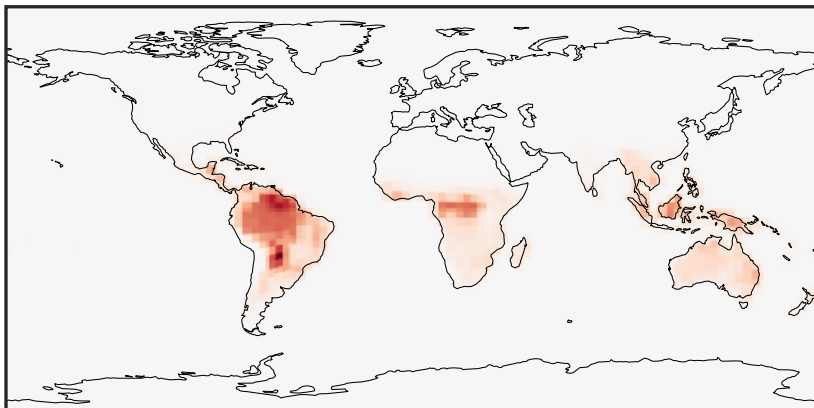
Zero throughout domain
kg/m²/s

GCHP_14.2.0 (Dev)
c24



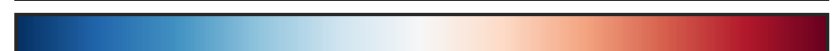
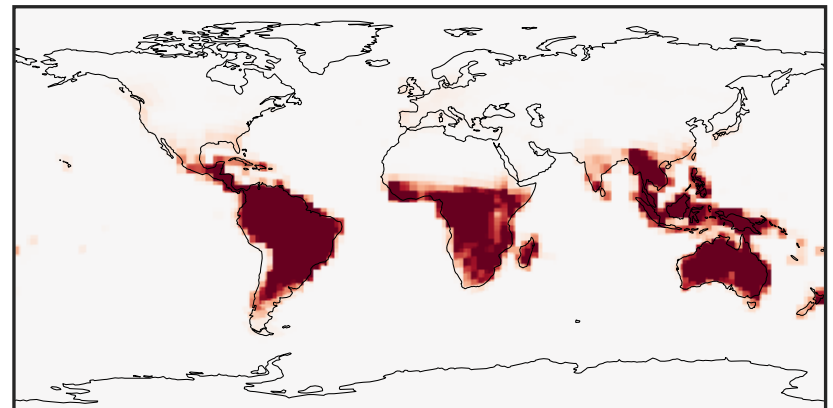
0.0 2.5 5.0 7.5
kg/m²/s 1e-11

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



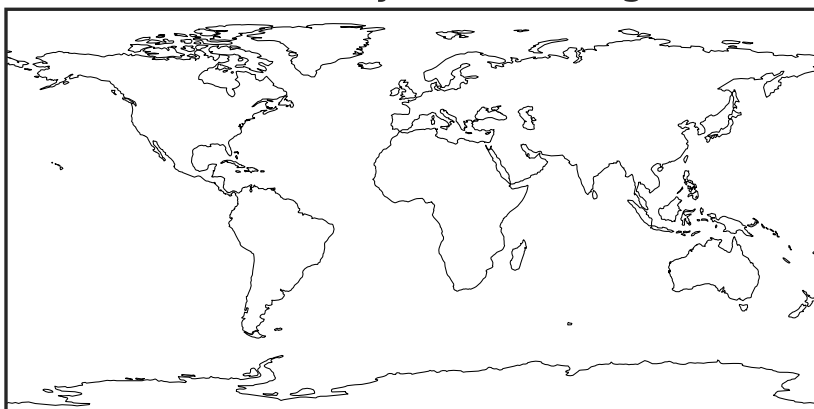
-5 0 5
kg/m²/s 1e-11

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



-5 0 5
kg/m²/s 1e-12

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



Undefined throughout domain
unitless

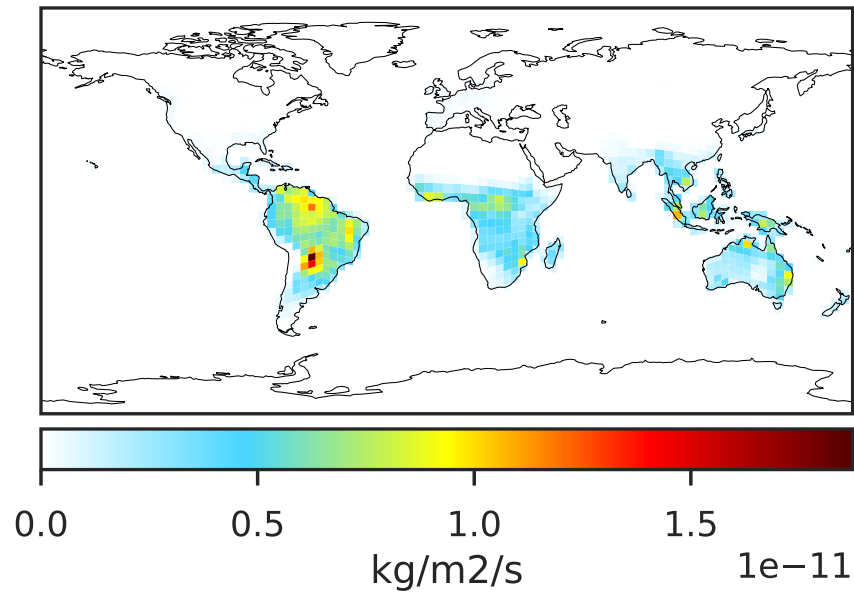
Ratio (1x1.25)
Dev/Ref, Fixed Range



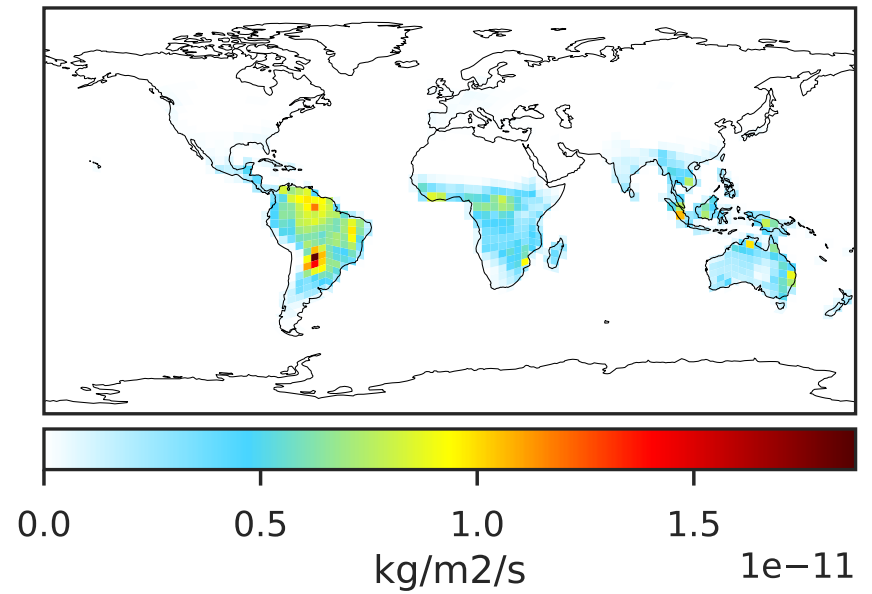
Undefined throughout domain
unitless

EmisLIMO_Biogenic (Jan2019)

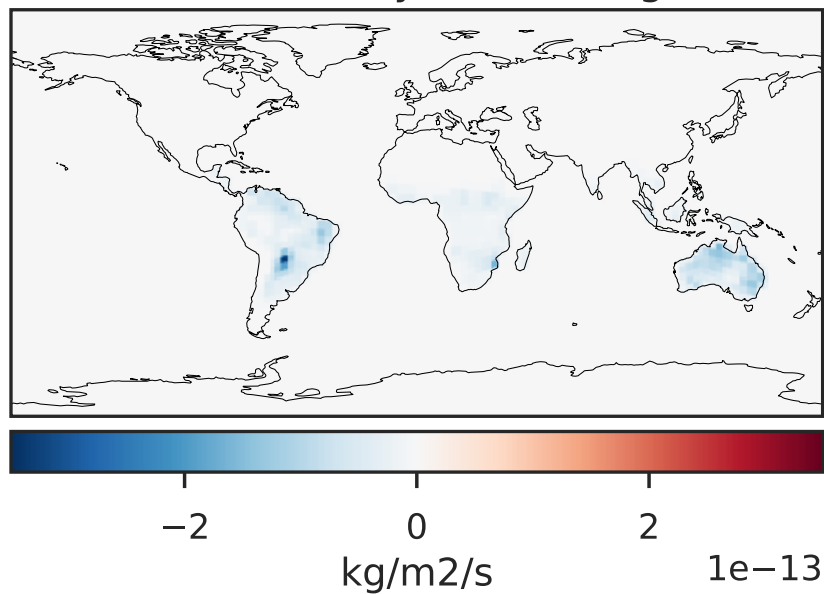
GCHP_14.0.0 (Ref)
c24



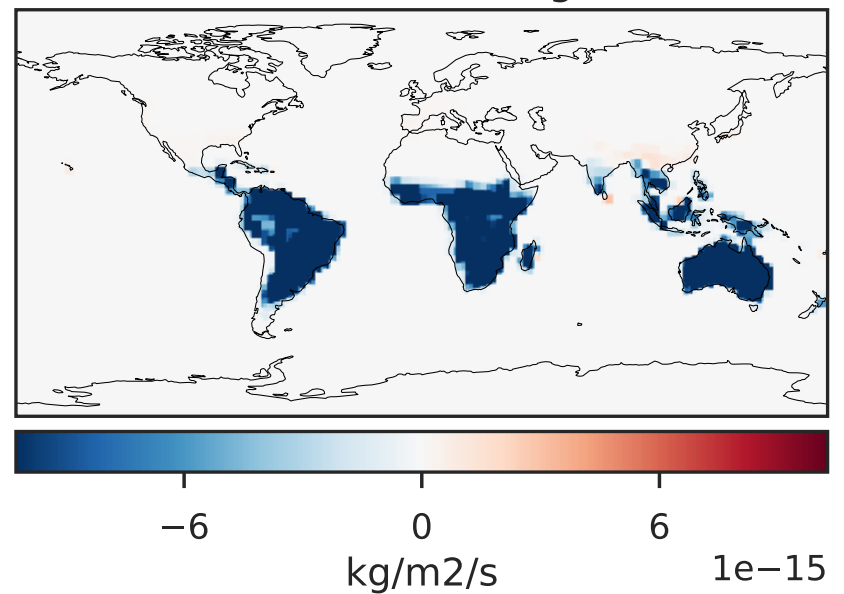
GCHP_14.2.0 (Dev)
c24



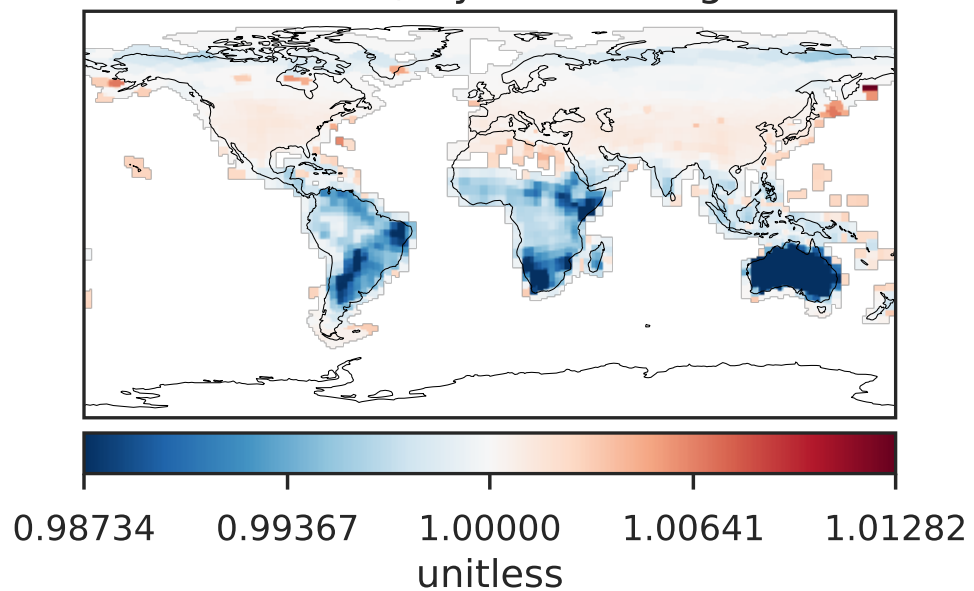
Difference (1x1.25)
Dev - Ref, Dynamic Range



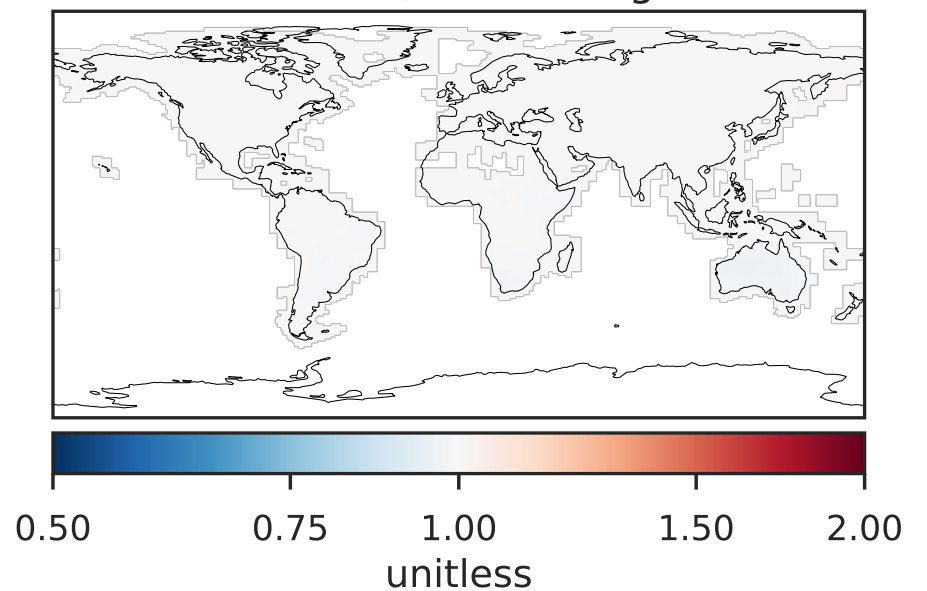
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

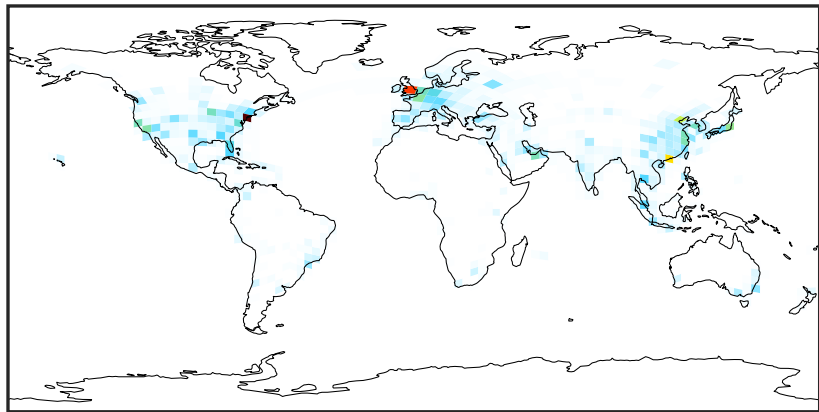


Ratio (1x1.25)
Dev/Ref, Fixed Range



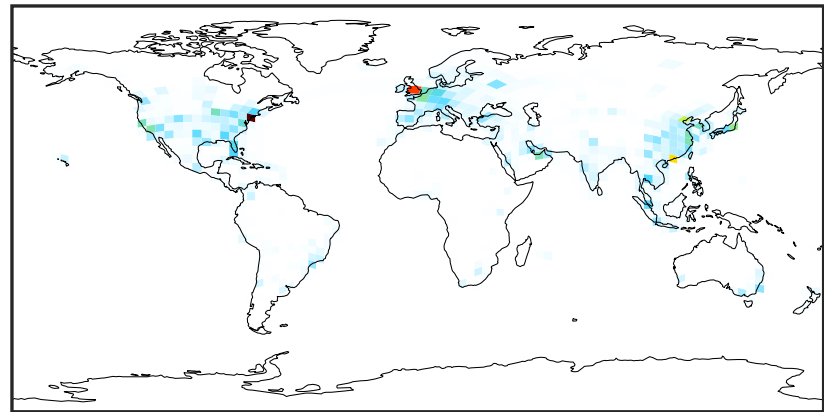
EmisALK4_Aircraft (Jan2019)

GCHP_14.0.0 (Ref)
c24



0.0 0.8 1.6 2.4
kg/m²/s 1e-13

GCHP_14.2.0 (Dev)
c24



0.0 0.8 1.6 2.4
kg/m²/s 1e-13

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



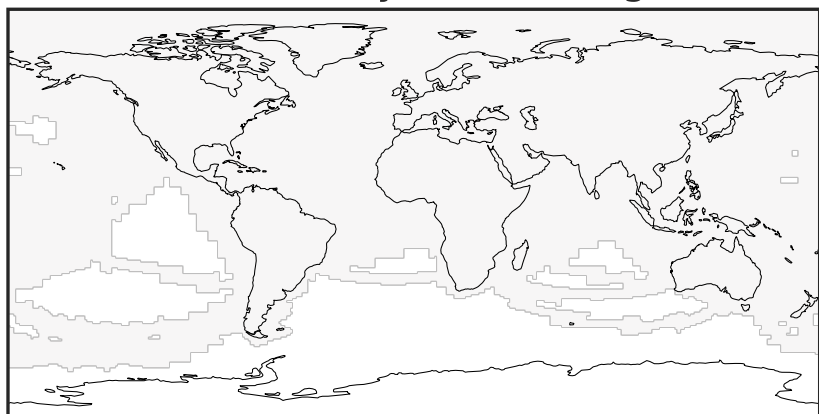
Zero throughout domain
kg/m²/s

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



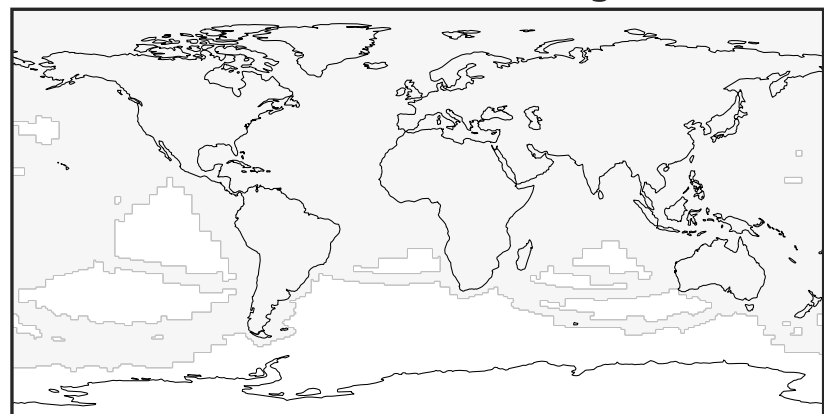
Zero throughout domain
kg/m²/s

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



Ref and Dev equal throughout domain
unitless

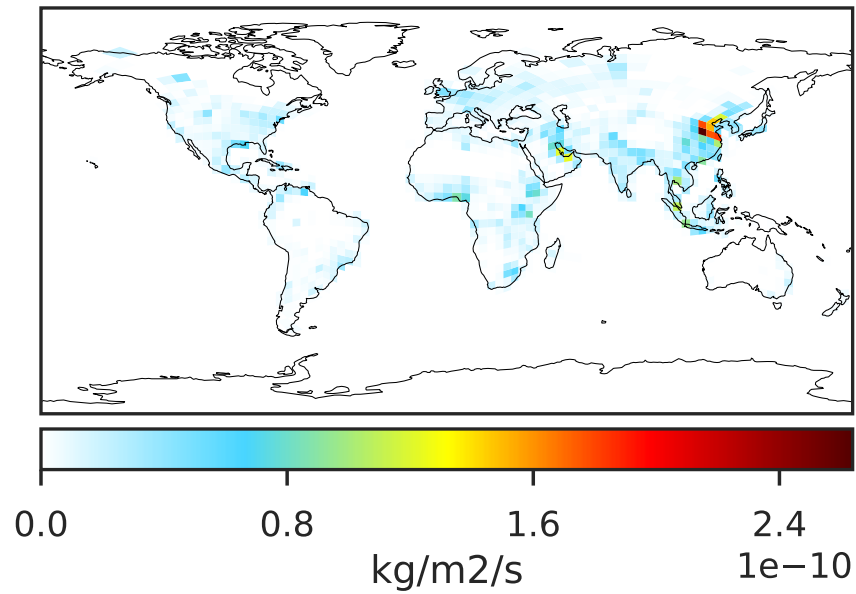
Ratio (1x1.25)
Dev/Ref, Fixed Range



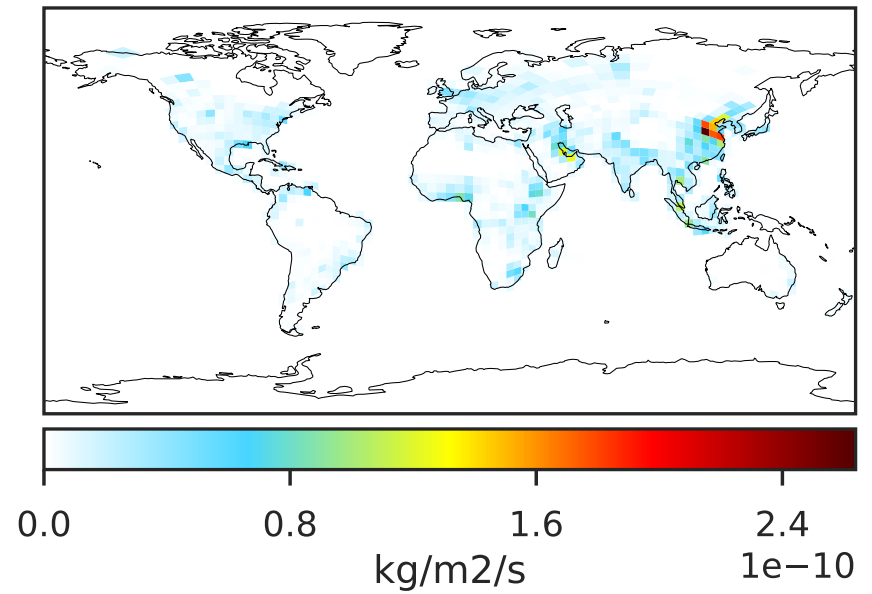
Ref and Dev equal throughout domain
unitless

EmisALK4_Anthro (Jan2019)

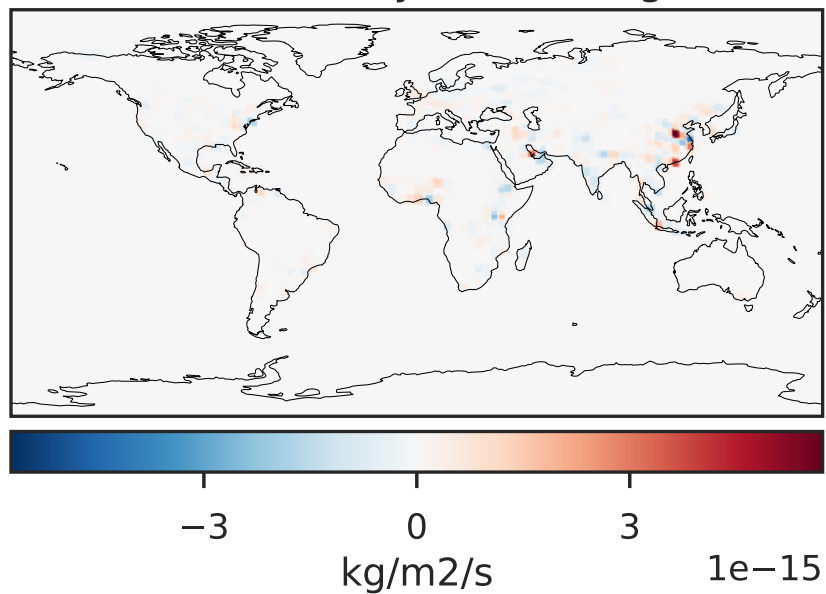
GCHP_14.0.0 (Ref)
c24



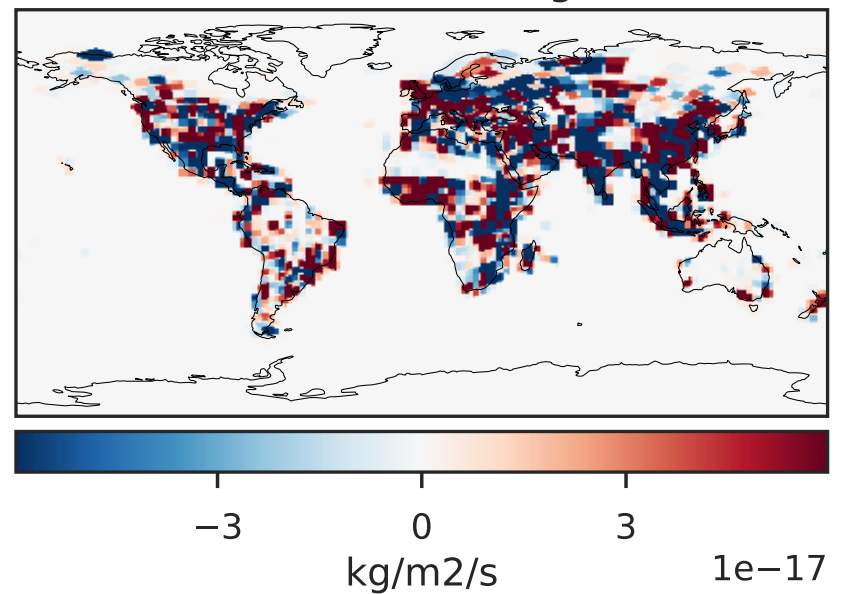
GCHP_14.2.0 (Dev)
c24



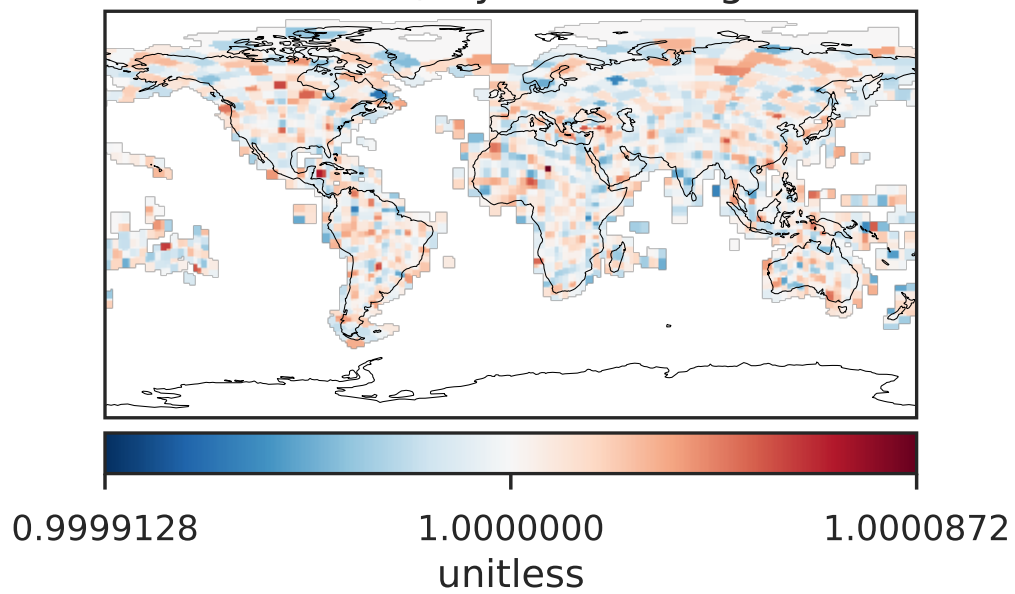
Difference (1x1.25)
Dev - Ref, Dynamic Range



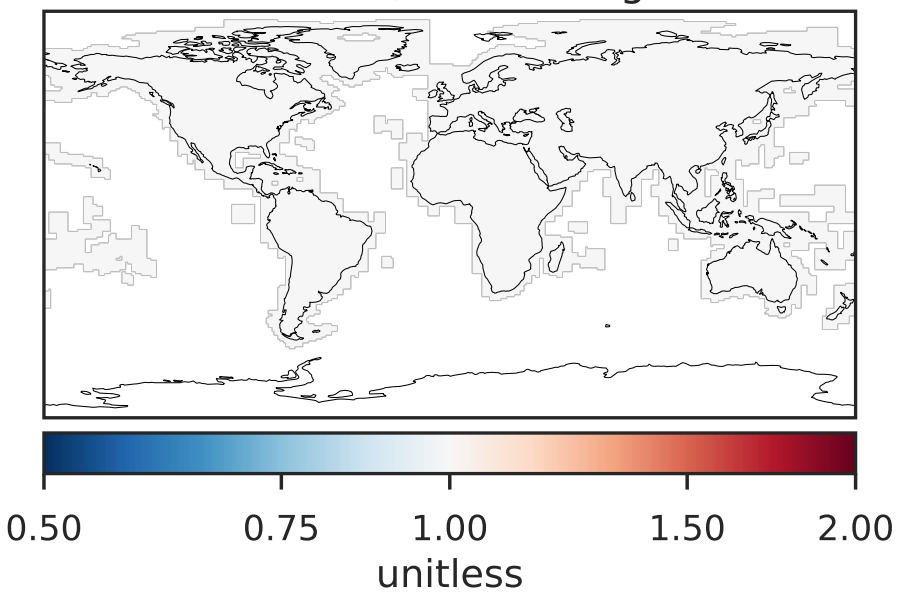
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

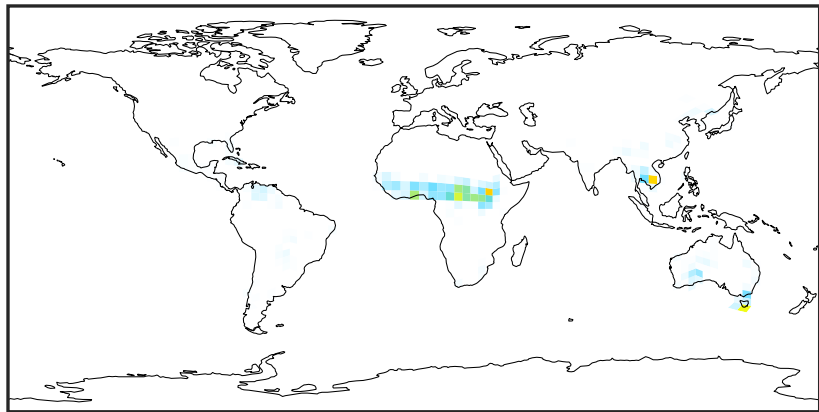


Ratio (1x1.25)
Dev/Ref, Fixed Range



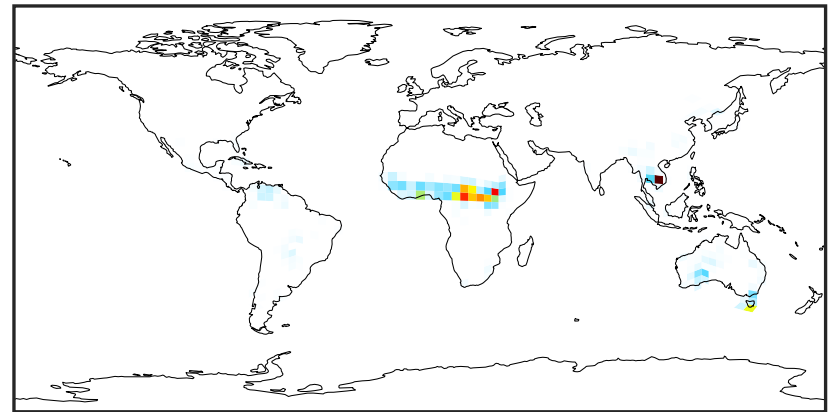
EmisALK4_BioBurn (Jan2019)

GCHP_14.0.0 (Ref)
c24



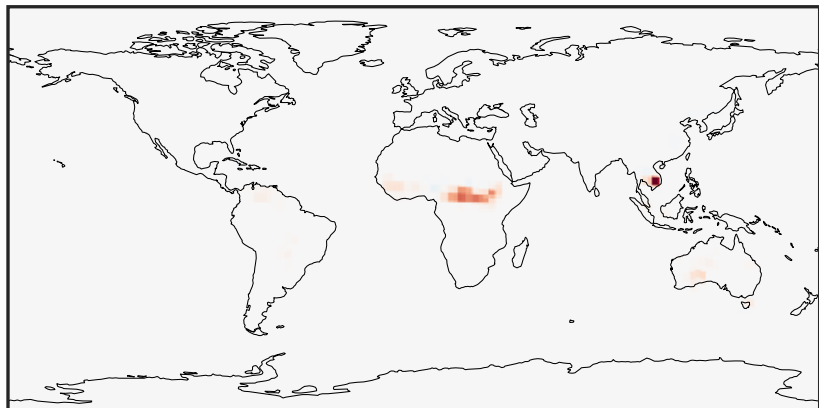
0.0 1.5 3.0 4.5
kg/m²/s 1e-12

GCHP_14.2.0 (Dev)
c24



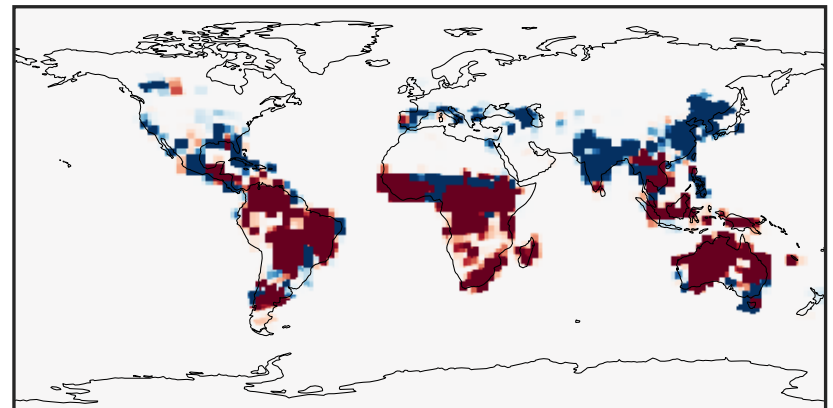
0.0 1.5 3.0 4.5
kg/m²/s 1e-12

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



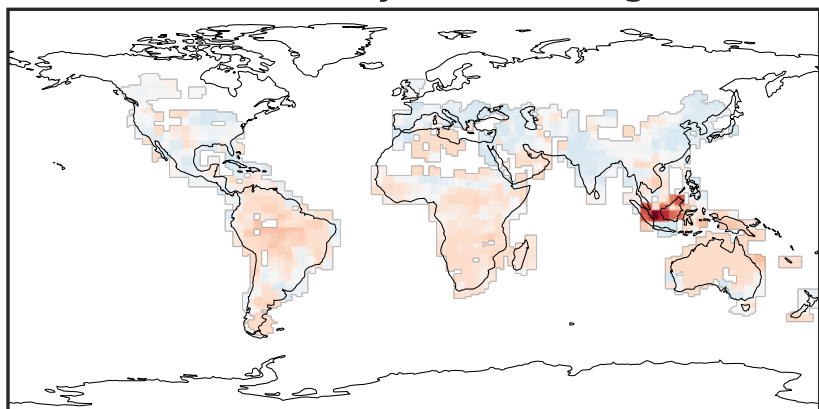
-1.5 0.0 1.5
kg/m²/s 1e-12

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



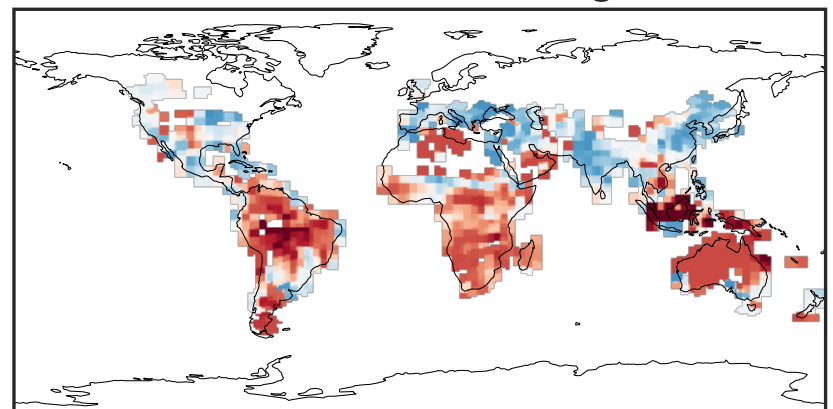
-3 0 3
kg/m²/s 1e-16

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



1e-01 1 10
unitless

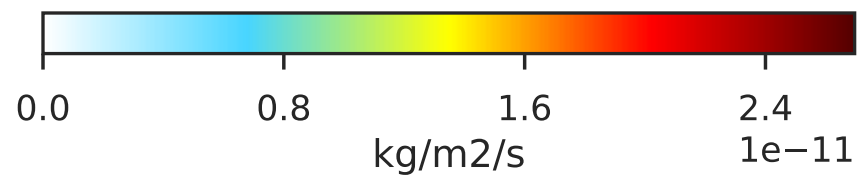
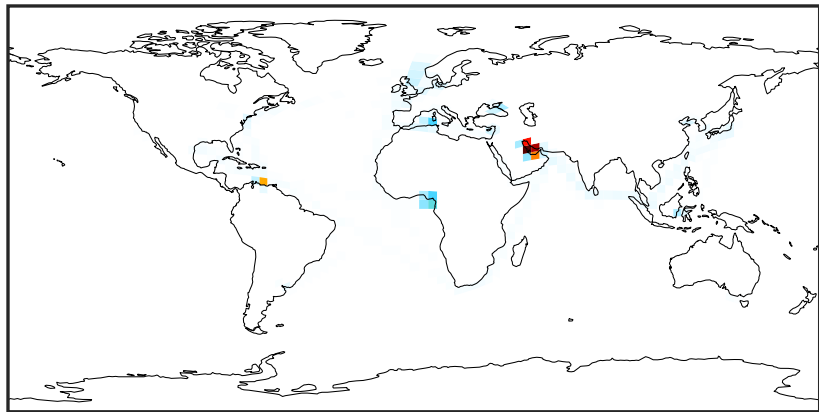
Ratio (1x1.25)
Dev/Ref, Fixed Range



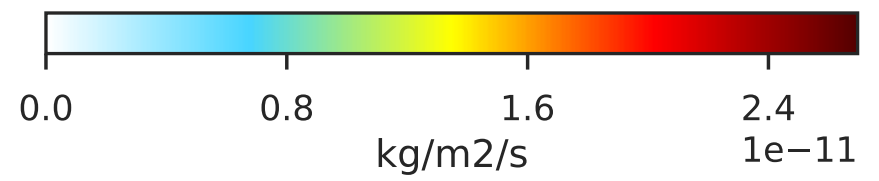
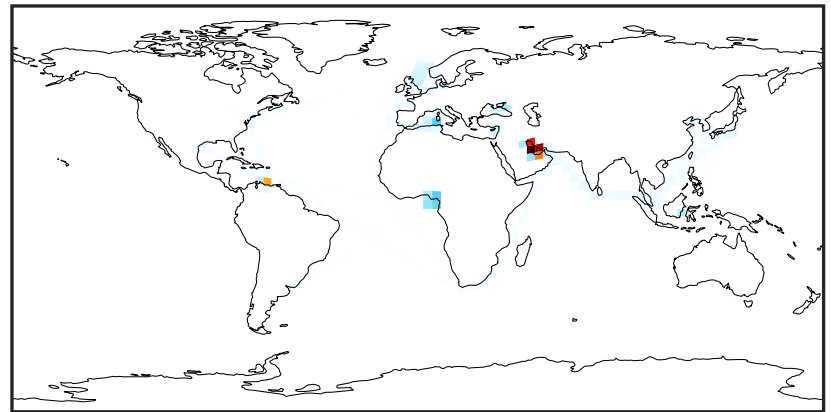
0.50 0.75 1.00 1.50 2.00
unitless

EmisALK4_Ship (Jan2019)

GCHP_14.0.0 (Ref)
c24



GCHP_14.2.0 (Dev)
c24



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



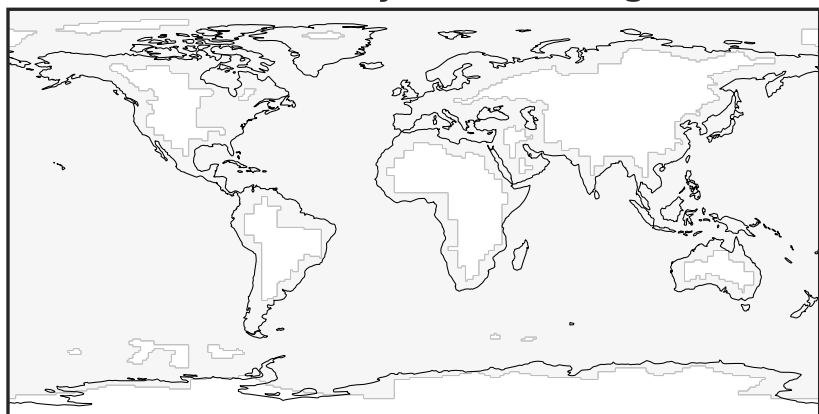
Zero throughout domain
kg/m2/s

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



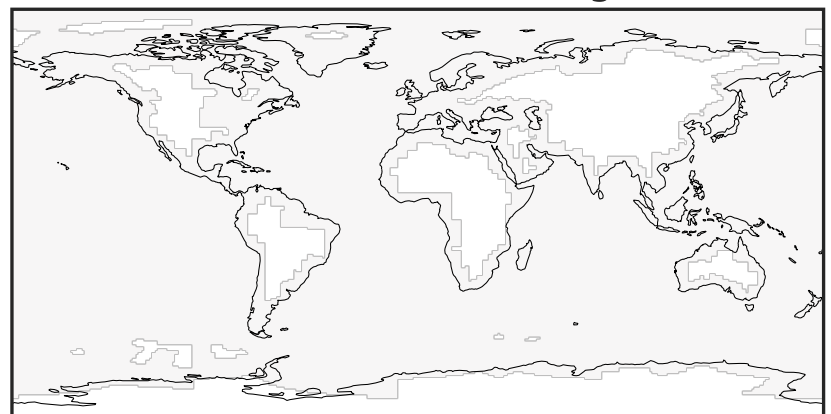
Zero throughout domain
kg/m2/s

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



Ref and Dev equal throughout domain
unitless

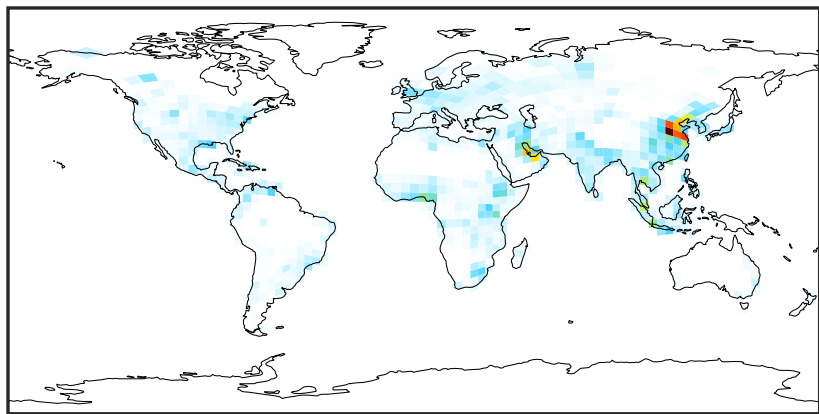
Ratio (1x1.25)
Dev/Ref, Fixed Range



Ref and Dev equal throughout domain
unitless

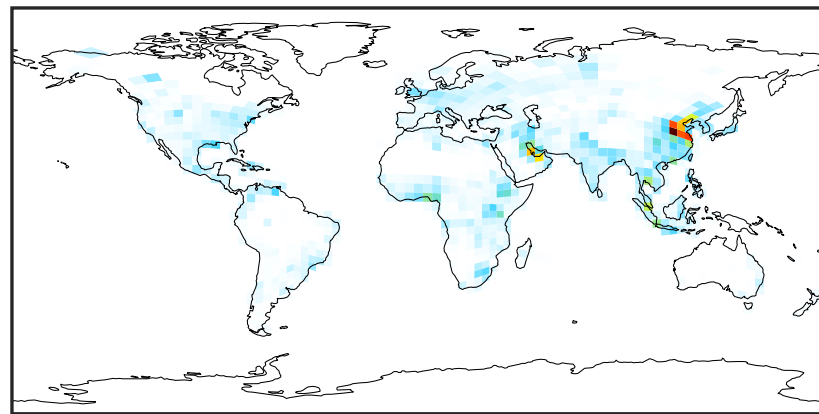
EmisALK4_Total (Jan2019)

GCHP_14.0.0 (Ref)
c24



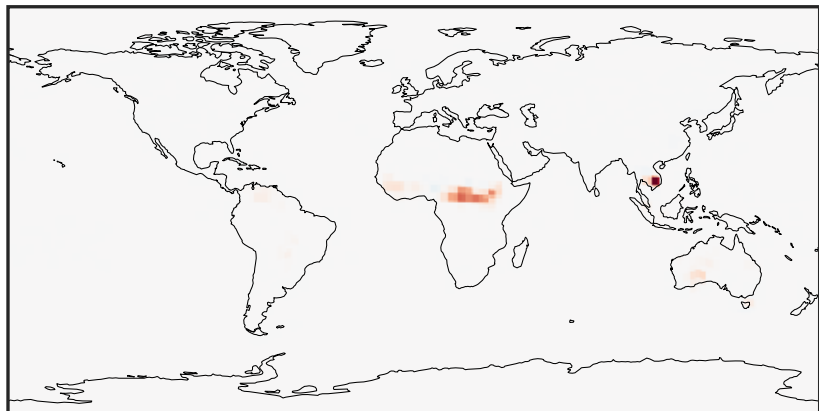
0.0 0.8 1.6 2.4
kg/m2/s $1e-10$

GCHP_14.2.0 (Dev)
c24



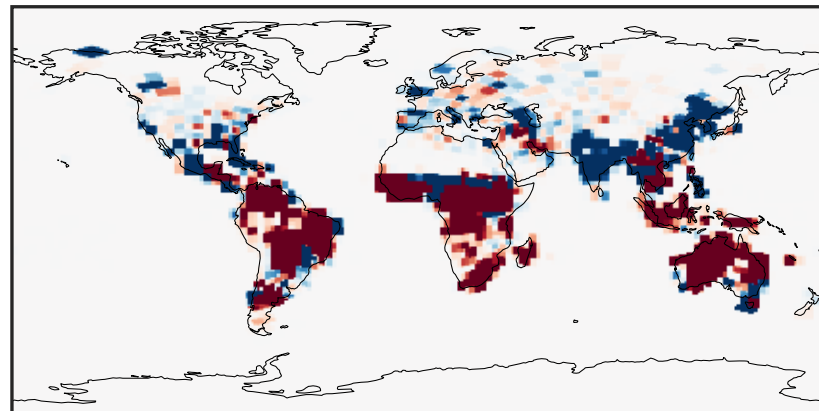
0.0 0.8 1.6 2.4
kg/m2/s $1e-10$

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



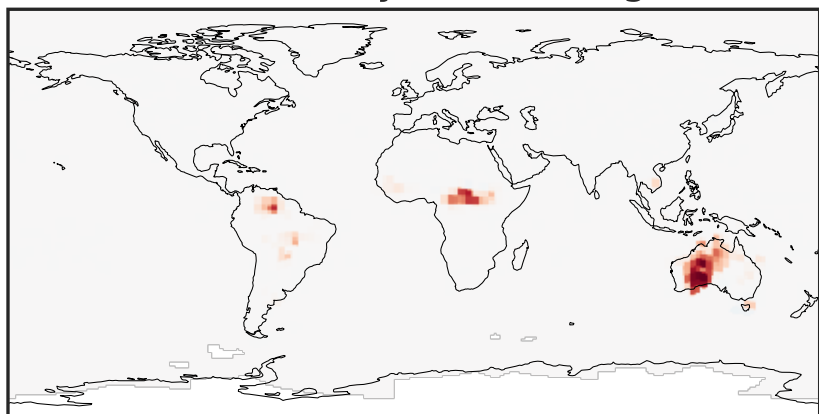
-1.5 0.0 1.5
kg/m2/s $1e-12$

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



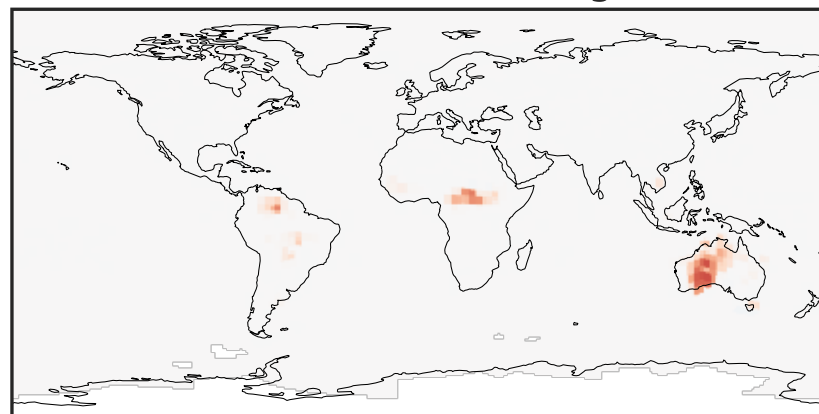
-4 0 4
kg/m2/s $1e-16$

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



0.6395 0.8198 1.0000 1.2818 1.5636
unitless

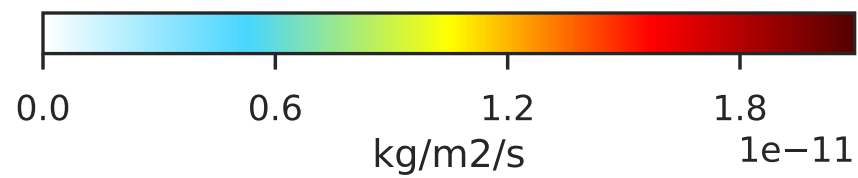
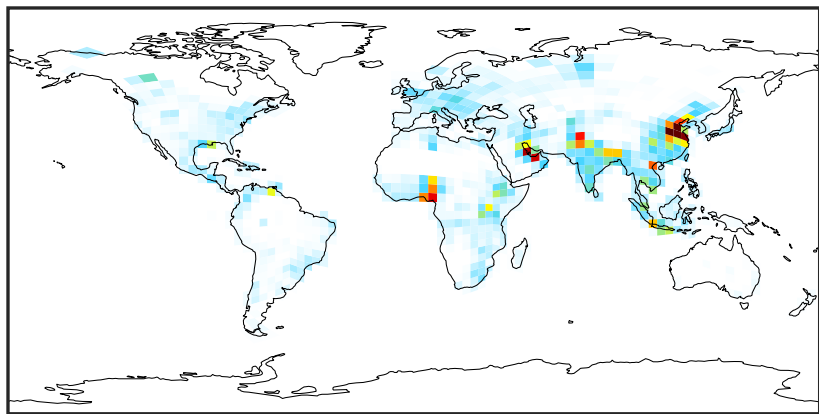
Ratio (1x1.25)
Dev/Ref, Fixed Range



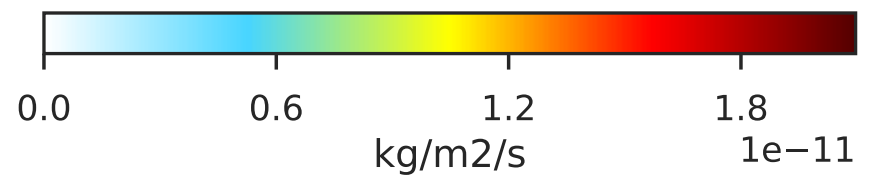
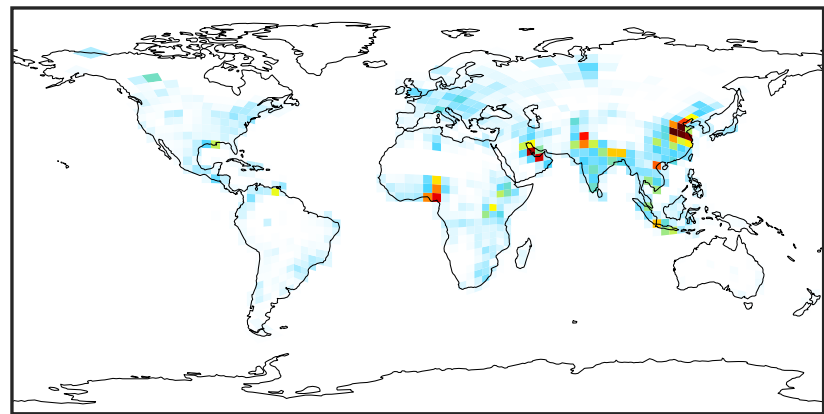
0.50 0.75 1.00 1.50 2.00
unitless

EmisBENZ_Anthro (Jan2019)

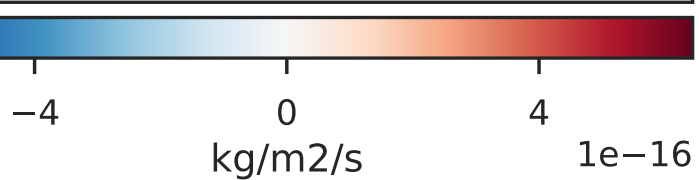
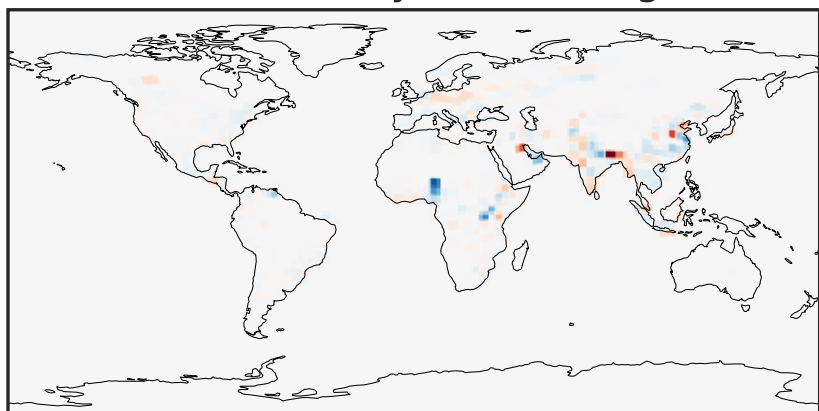
GCHP_14.0.0 (Ref)
c24



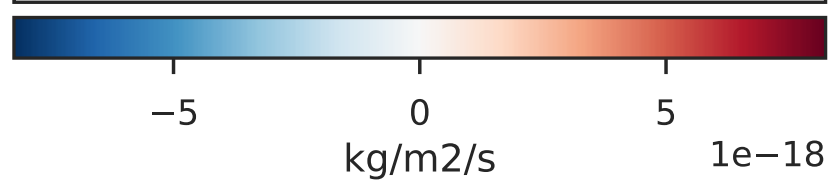
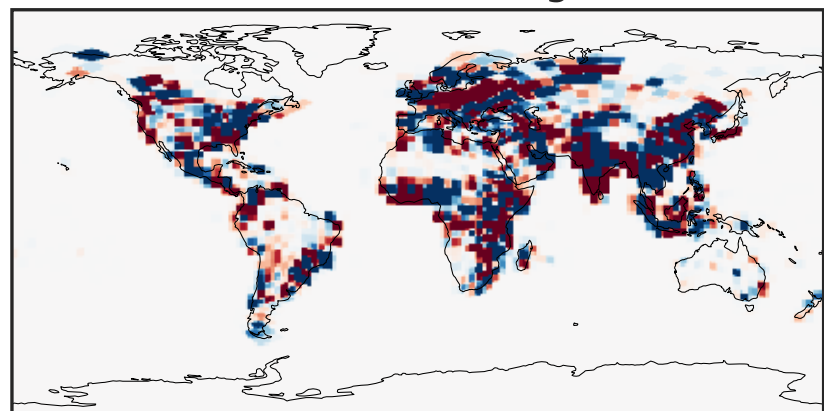
GCHP_14.2.0 (Dev)
c24



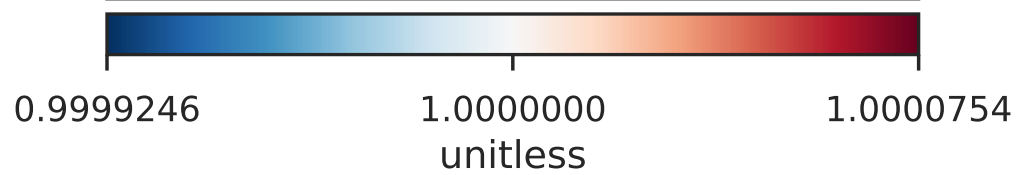
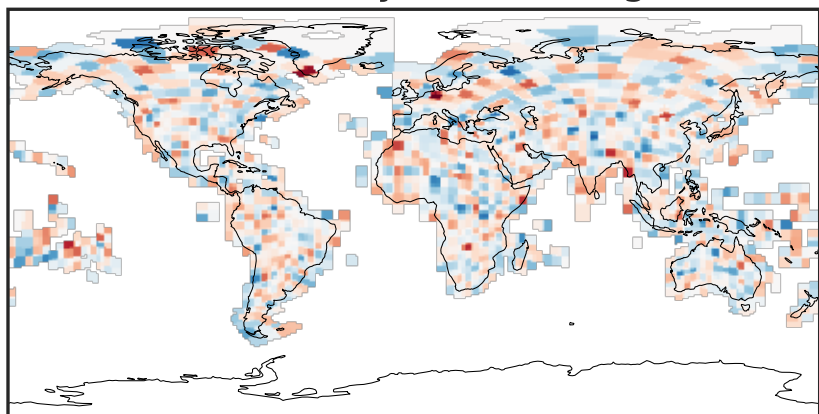
Difference (1x1.25)
Dev - Ref, Dynamic Range



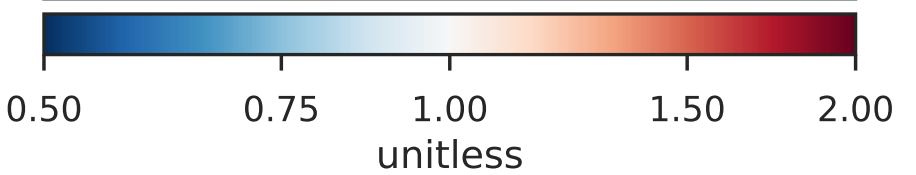
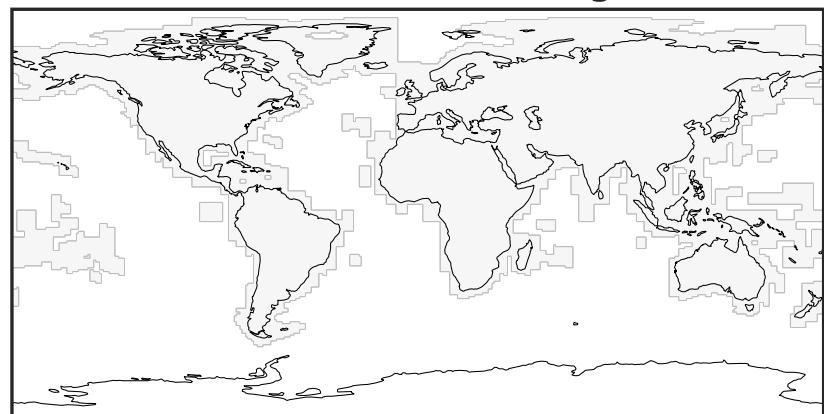
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

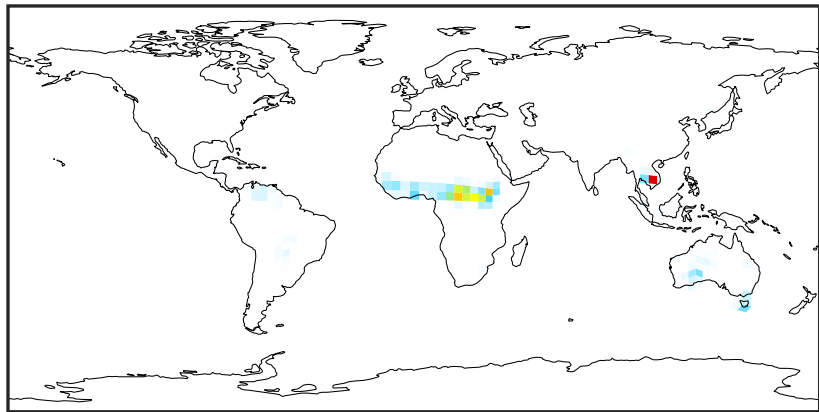


Ratio (1x1.25)
Dev/Ref, Fixed Range



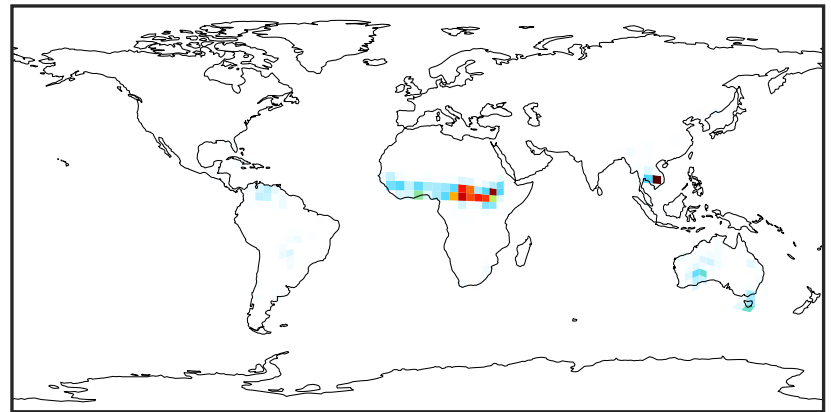
EmisBENZ_BioBurn (Jan2019)

GCHP_14.0.0 (Ref)
c24



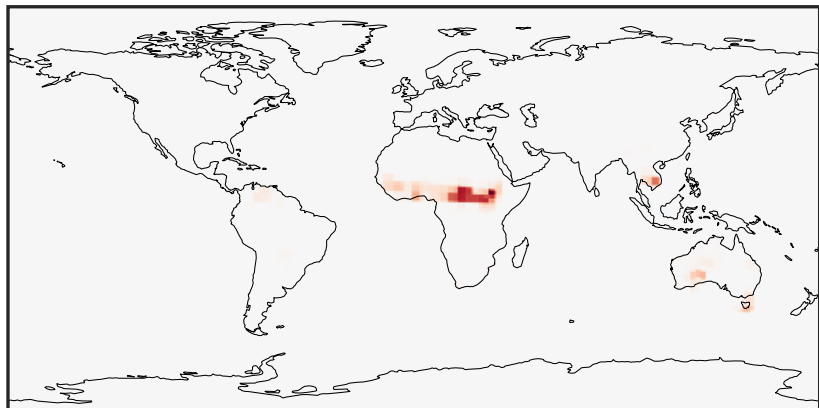
0.0 0.4 0.8 1.2
kg/m²/s 1e-11

GCHP_14.2.0 (Dev)
c24



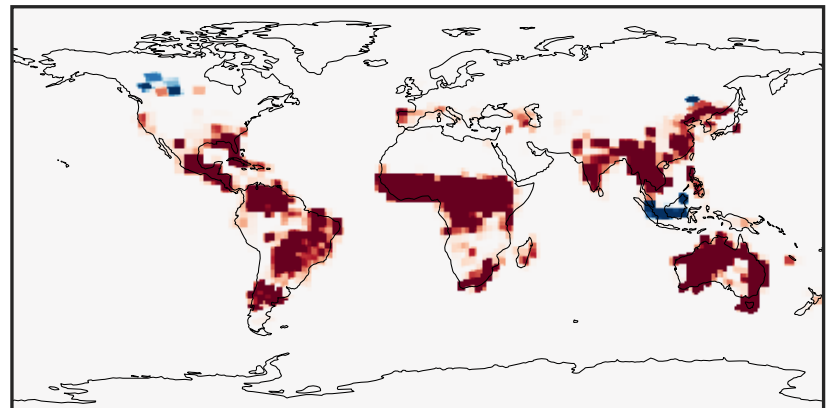
0.0 0.4 0.8 1.2
kg/m²/s 1e-11

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



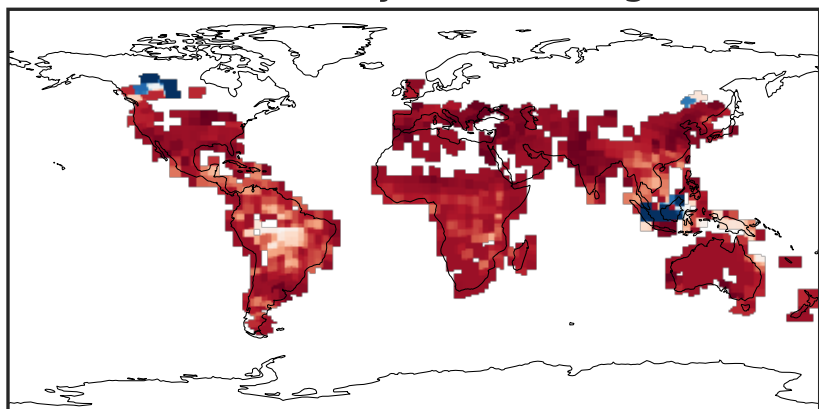
-3 0 3
kg/m²/s 1e-12

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



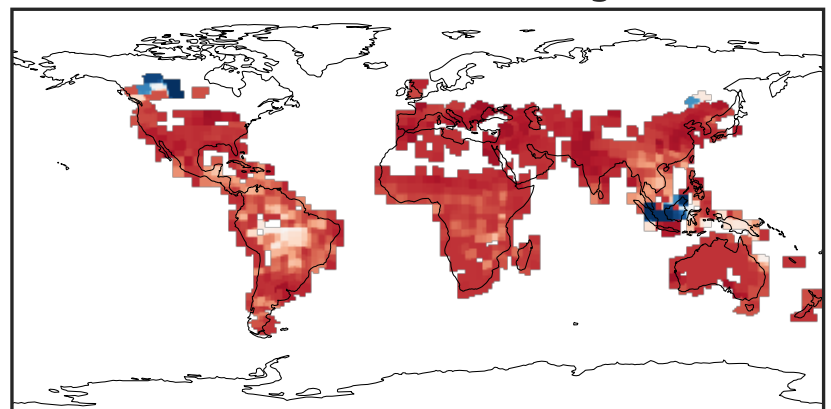
-5 0 5
kg/m²/s 1e-15

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



0.556 0.778 1.000 1.400 1.800
unitless

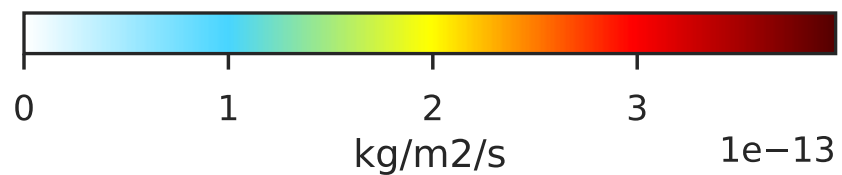
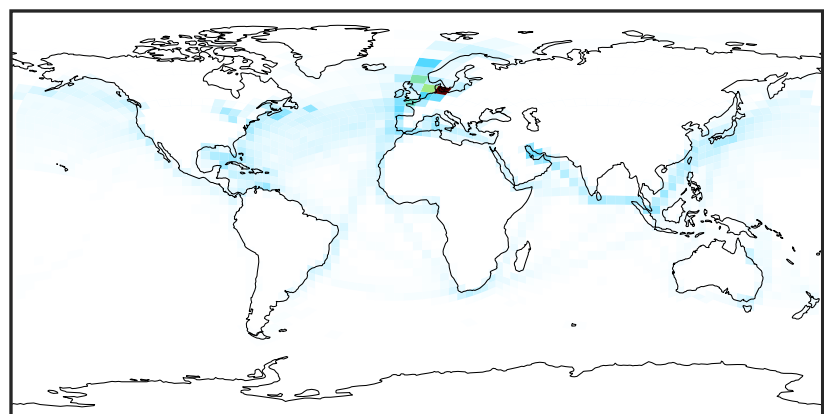
Ratio (1x1.25)
Dev/Ref, Fixed Range



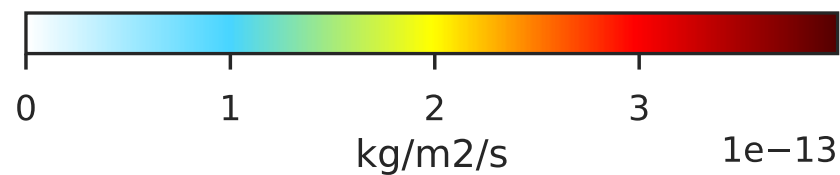
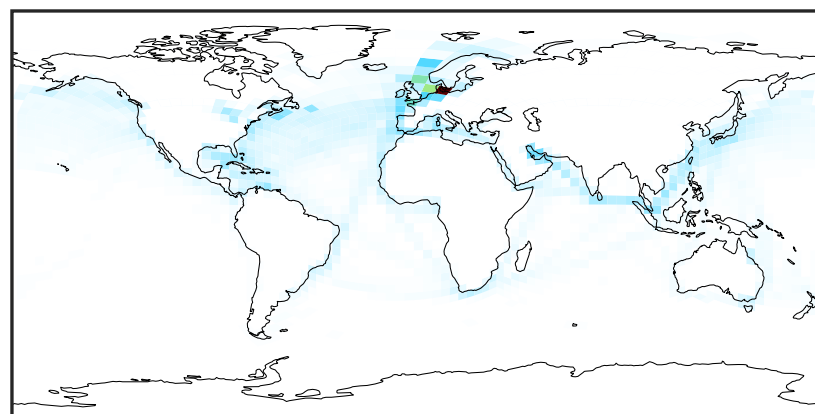
0.50 0.75 1.00 1.50 2.00
unitless

EmisBENZ_Ship (Jan2019)

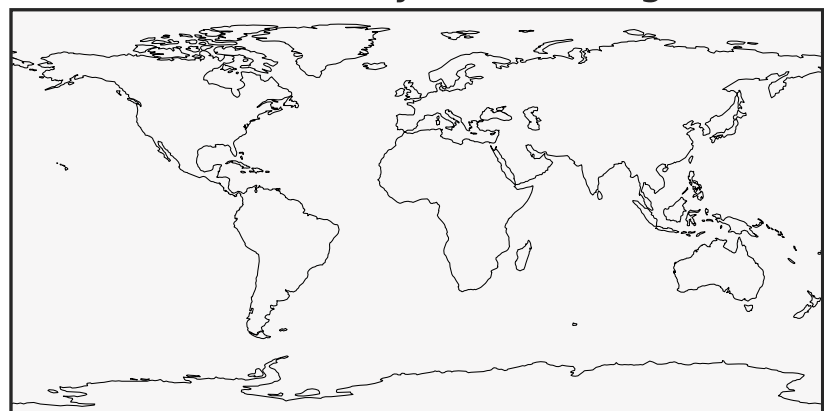
GCHP_14.0.0 (Ref)
c24



GCHP_14.2.0 (Dev)
c24

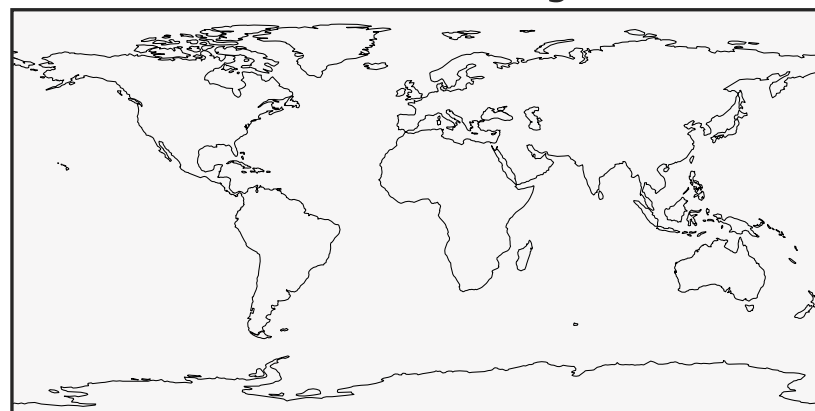


Difference (1x1.25)
Dev - Ref, Dynamic Range



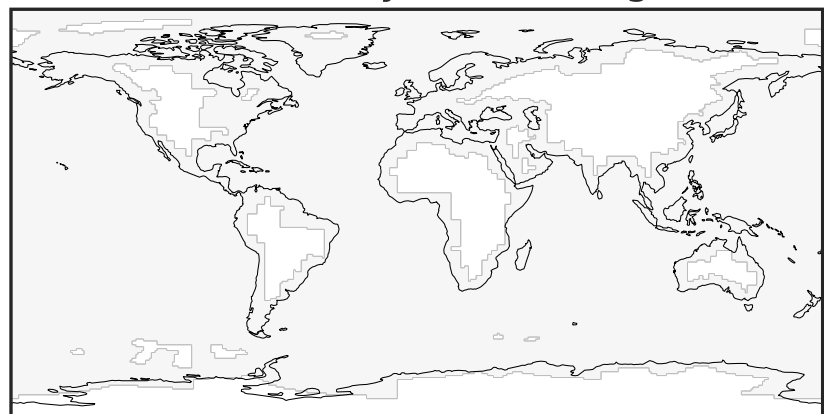
Zero throughout domain
kg/m2/s

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



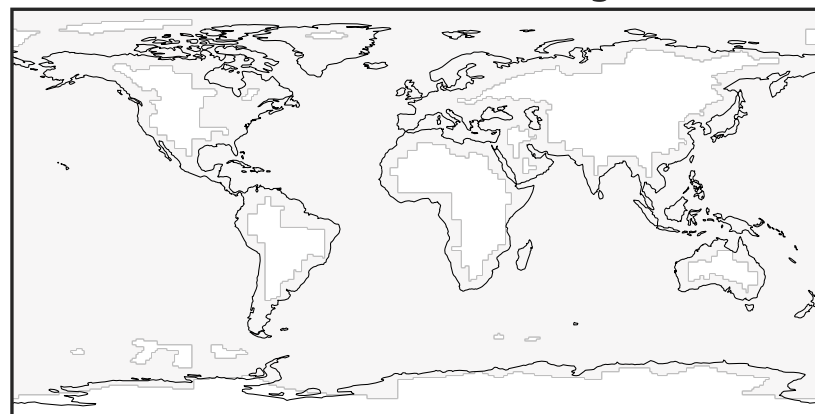
Zero throughout domain
kg/m2/s

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



Ref and Dev equal throughout domain
unitless

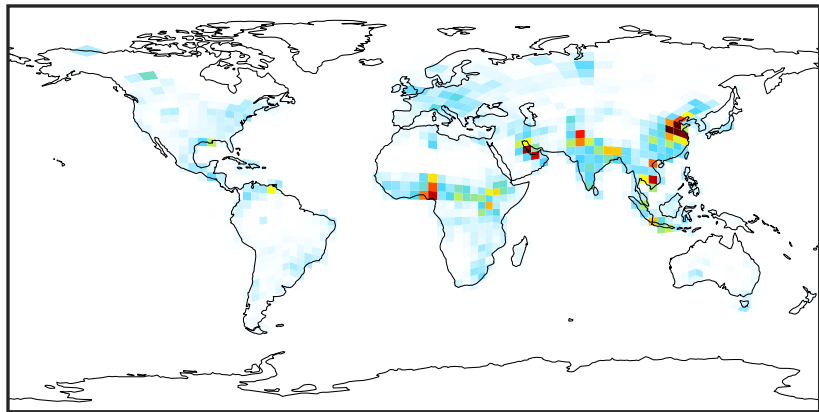
Ratio (1x1.25)
Dev/Ref, Fixed Range



Ref and Dev equal throughout domain
unitless

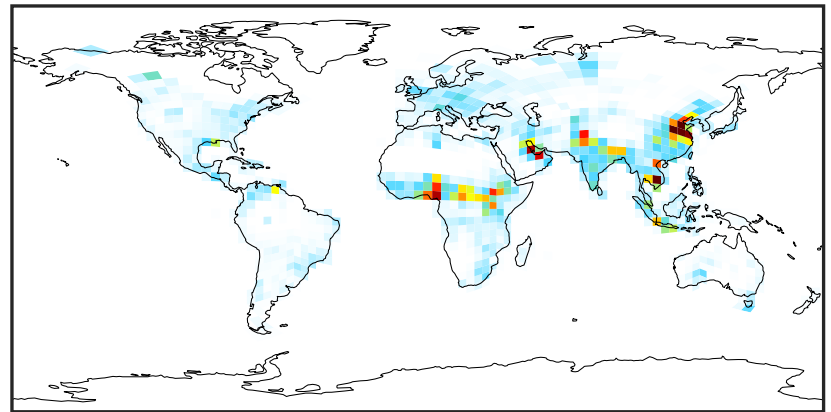
EmisBENZ_Total (Jan2019)

GCHP_14.0.0 (Ref)
c24



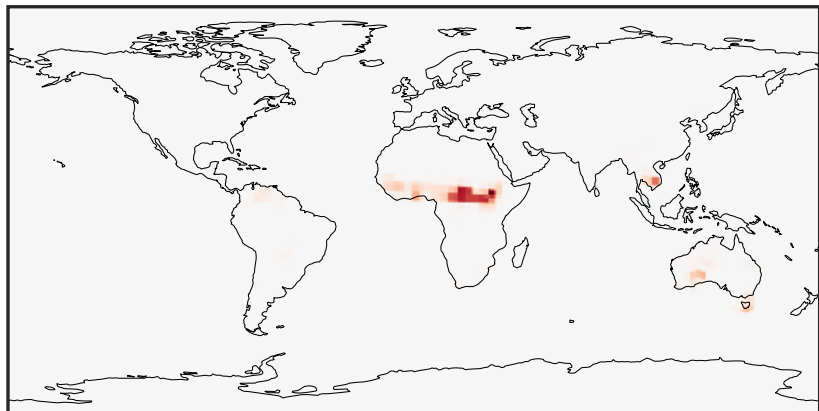
0.0 0.6 1.2 1.8
kg/m²/s 1e-11

GCHP_14.2.0 (Dev)
c24



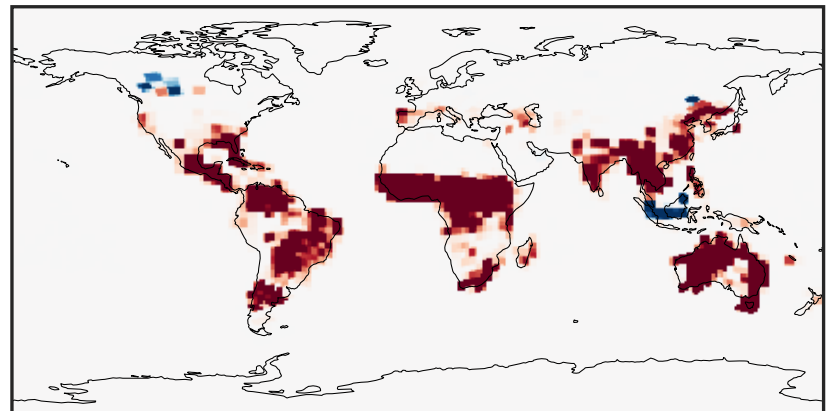
0.0 0.6 1.2 1.8
kg/m²/s 1e-11

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



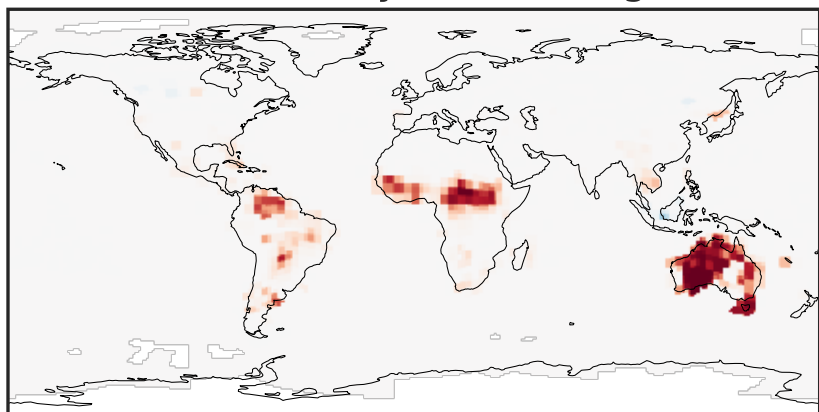
-3 0 3
kg/m²/s 1e-12

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



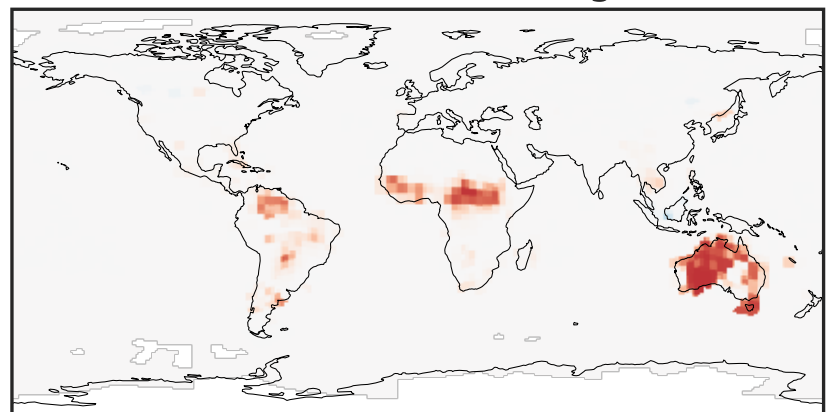
-5 0 5
kg/m²/s 1e-15

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



0.606 0.803 1.000 1.325 1.650
unitless

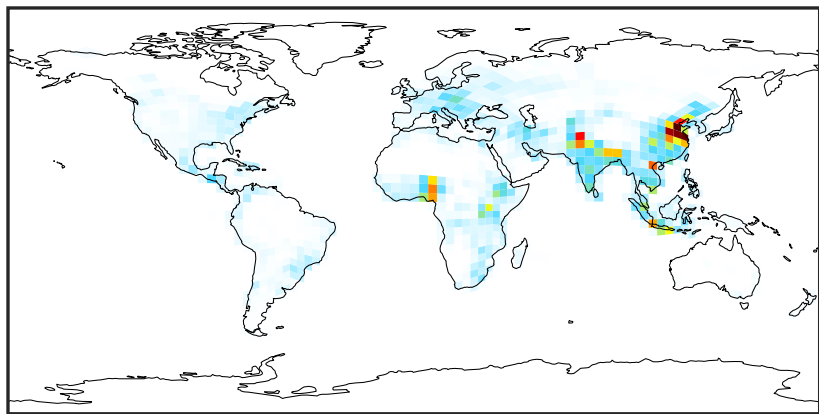
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

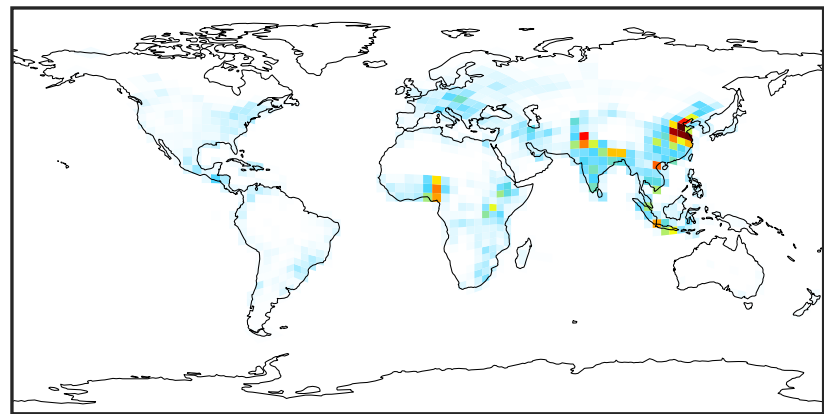
EmisC2H2_Anthro (Jan2019)

GCHP_14.0.0 (Ref)
c24



0.0 0.4 0.8 1.2
kg/m²/s 1e-11

GCHP_14.2.0 (Dev)
c24



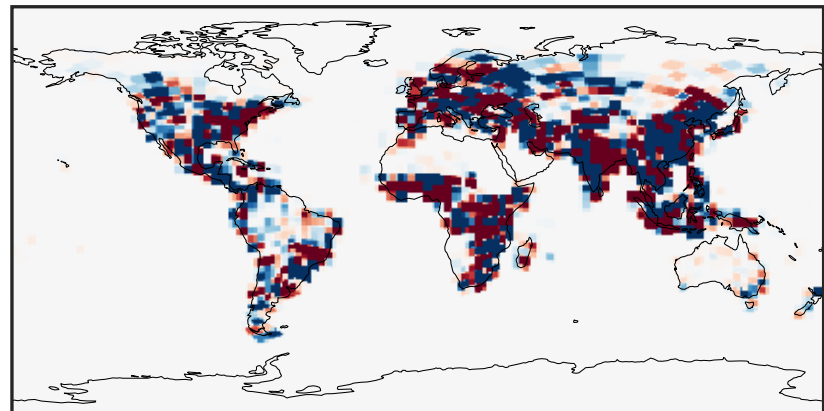
0.0 0.4 0.8 1.2
kg/m²/s 1e-11

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



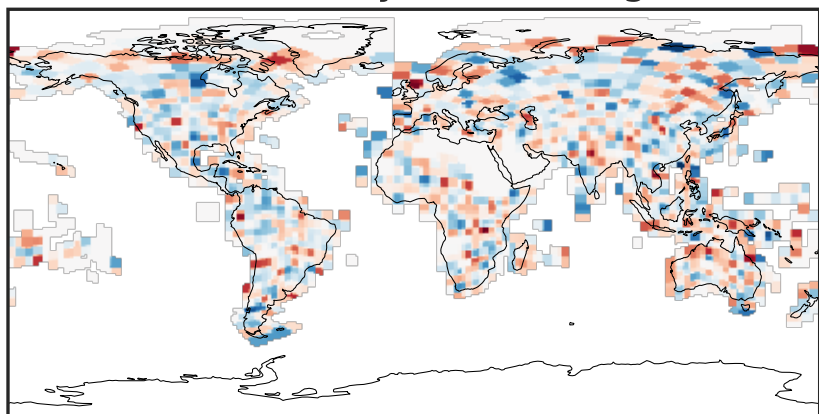
-2.5 0.0 2.5
kg/m²/s 1e-16

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



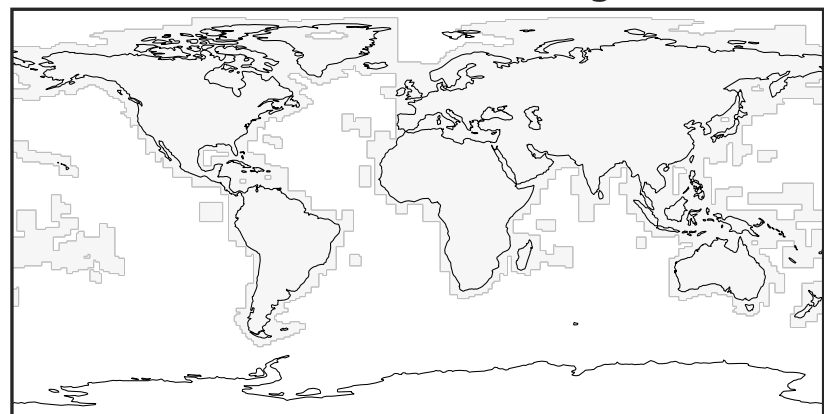
-1.5 0.0 1.5
kg/m²/s 1e-18

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



0.999936 1.000000 1.000064
unitless

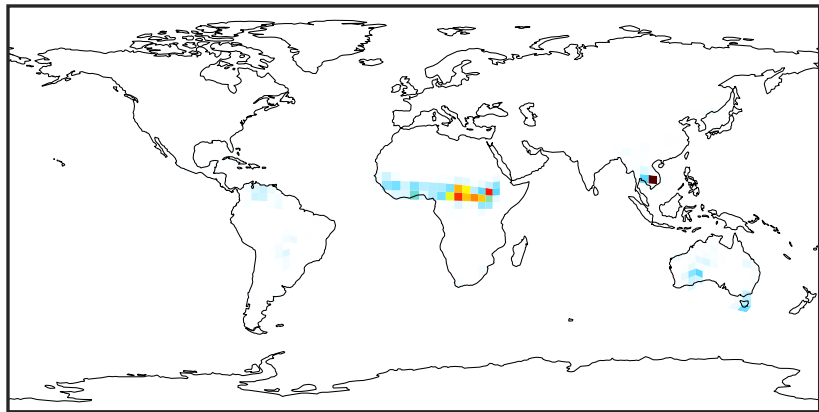
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

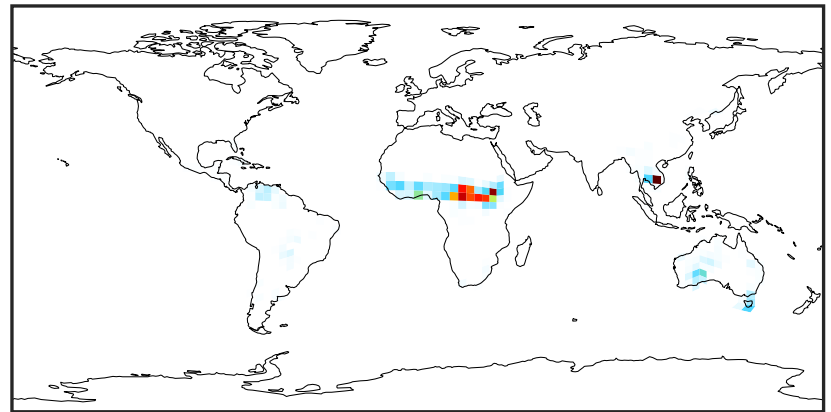
EmisC2H2_BioBurn (Jan2019)

GCHP_14.0.0 (Ref)
c24



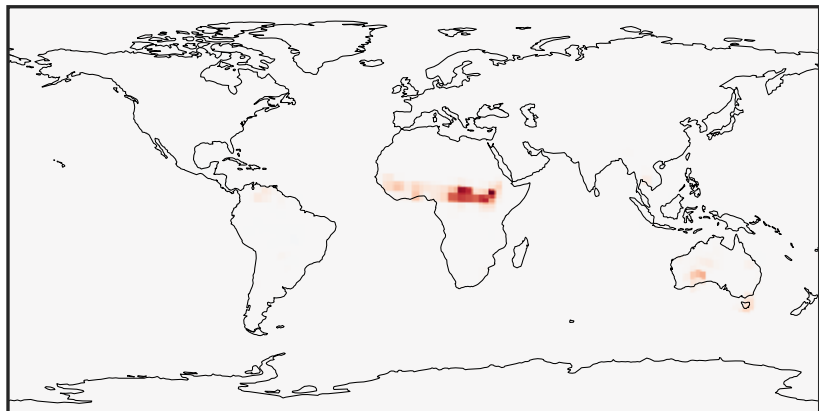
0.0 0.4 0.8 1.2
kg/m²/s 1e-11

GCHP_14.2.0 (Dev)
c24



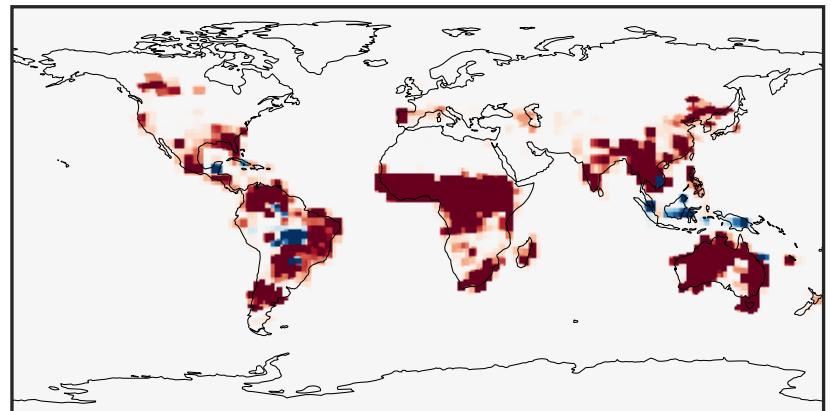
0.0 0.4 0.8 1.2
kg/m²/s 1e-11

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



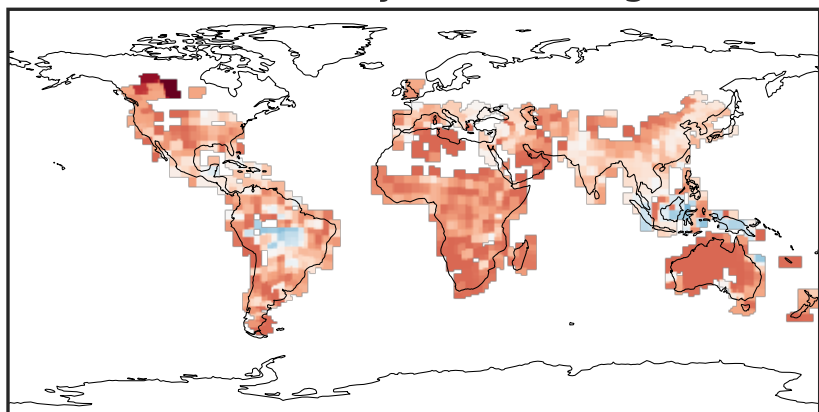
-1.5 0.0 1.5
kg/m²/s 1e-12

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



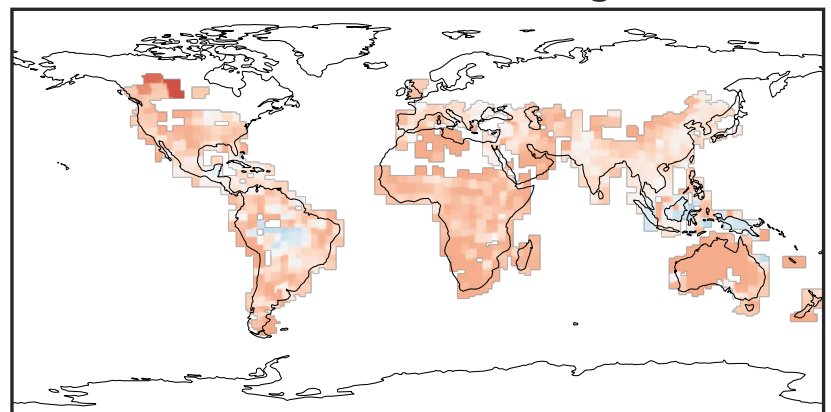
-1.5 0.0 1.5
kg/m²/s 1e-15

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



0.6393 0.8197 1.0000 1.2821 1.5641
unitless

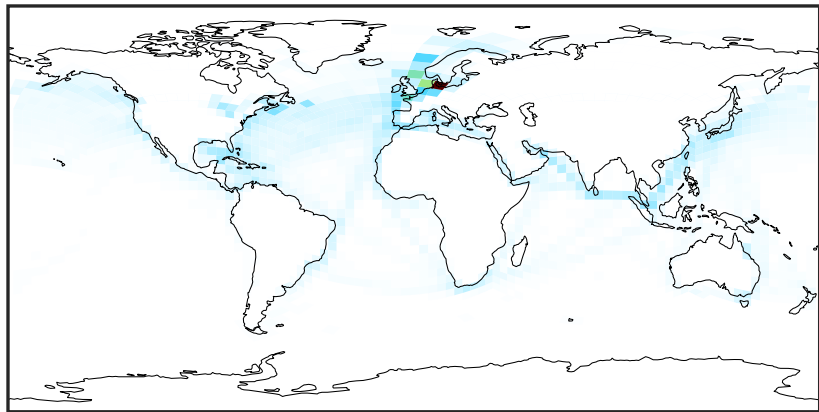
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

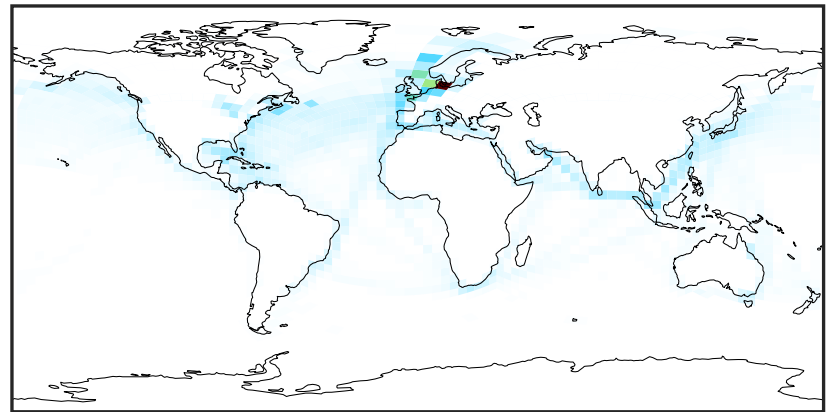
EmisC2H2_Ship (Jan2019)

GCHP_14.0.0 (Ref)
c24



0.0 0.8 1.6 2.4
kg/m²/s 1e-14

GCHP_14.2.0 (Dev)
c24



0.0 0.8 1.6 2.4
kg/m²/s 1e-14

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



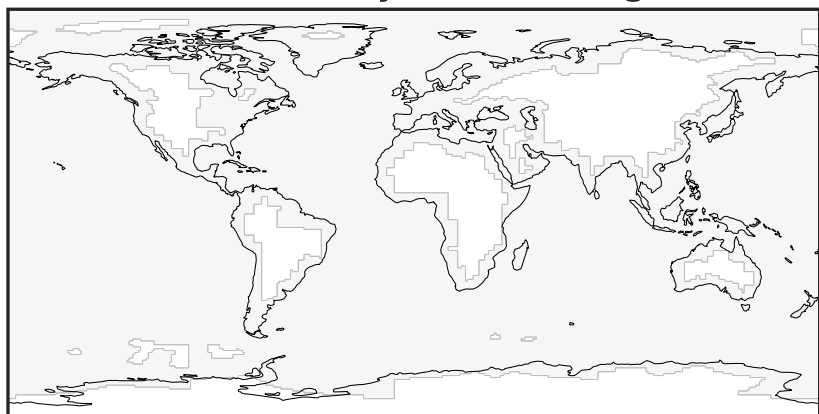
Zero throughout domain
kg/m²/s

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



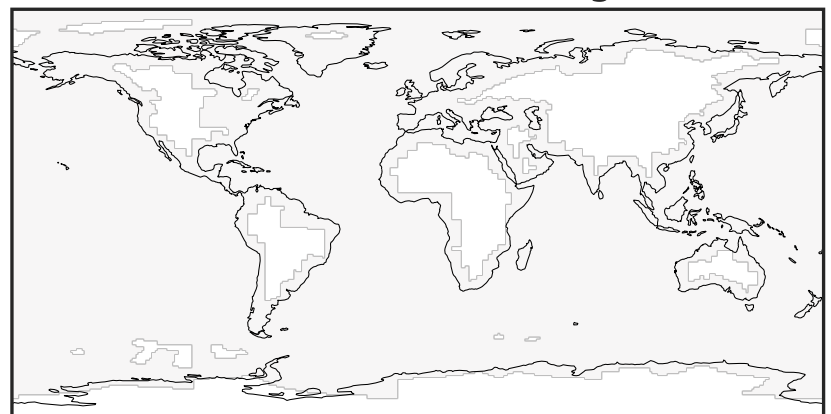
Zero throughout domain
kg/m²/s

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



Ref and Dev equal throughout domain
unitless

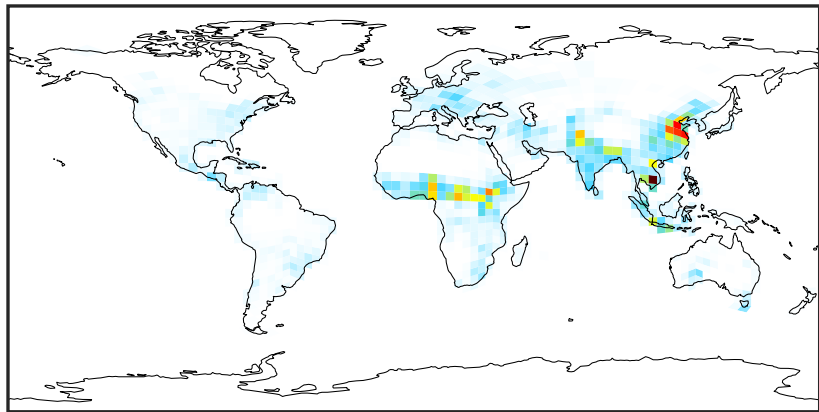
Ratio (1x1.25)
Dev/Ref, Fixed Range



Ref and Dev equal throughout domain
unitless

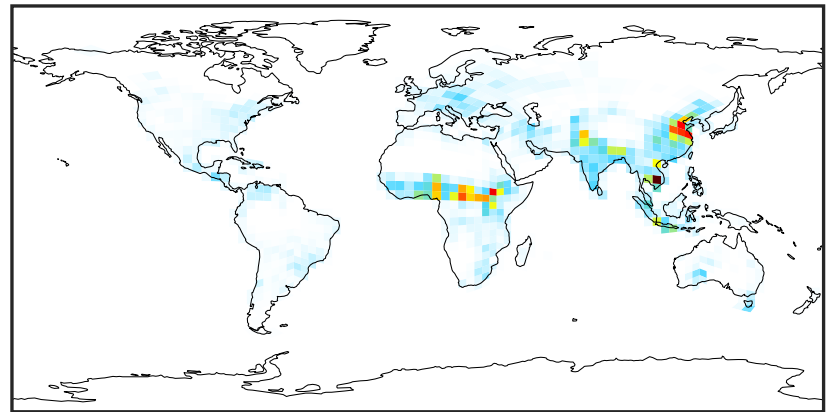
EmisC2H2_Total (Jan2019)

GCHP_14.0.0 (Ref)
c24



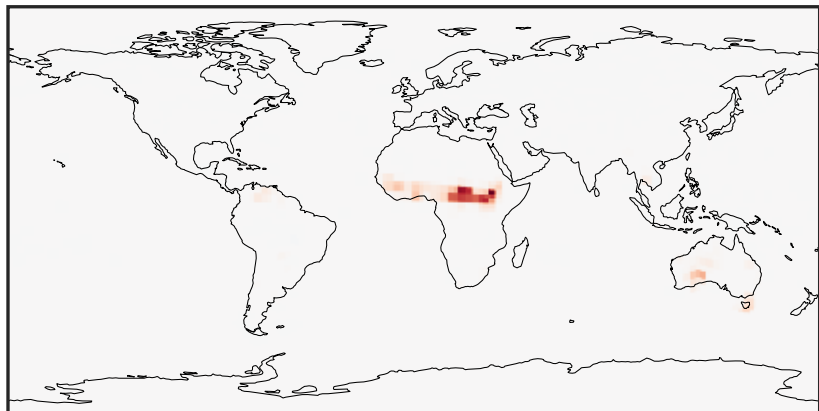
0.0 0.5 1.0 1.5
kg/m²/s 1e-11

GCHP_14.2.0 (Dev)
c24



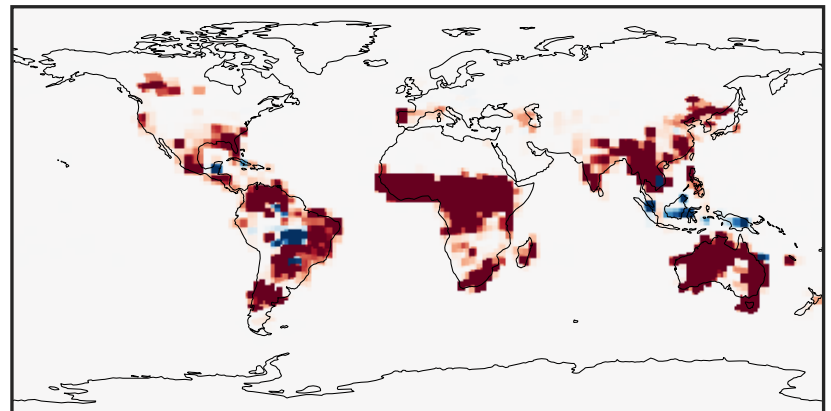
0.0 0.5 1.0 1.5
kg/m²/s 1e-11

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



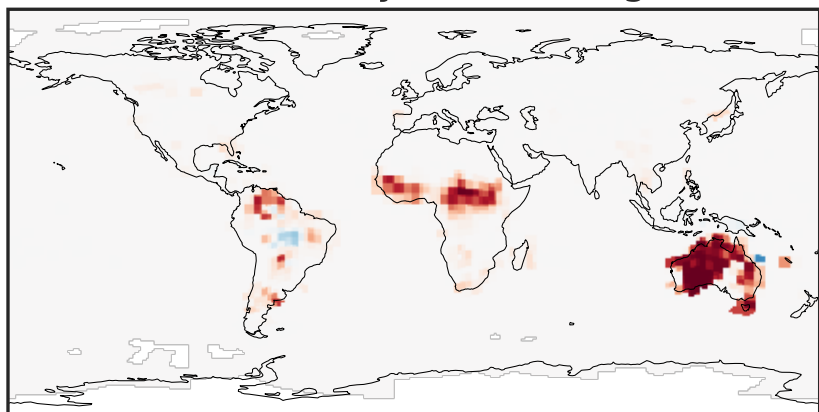
-1.5 0.0 1.5
kg/m²/s 1e-12

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



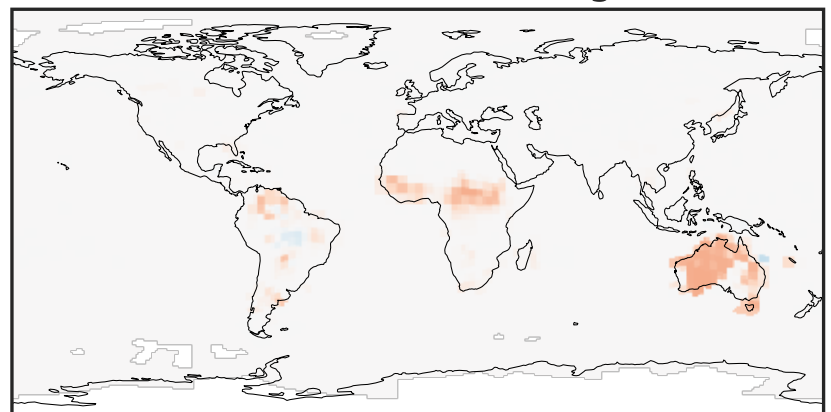
-1.5 0.0 1.5
kg/m²/s 1e-15

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



0.7742 0.8871 1.0000 1.1458 1.2916
unitless

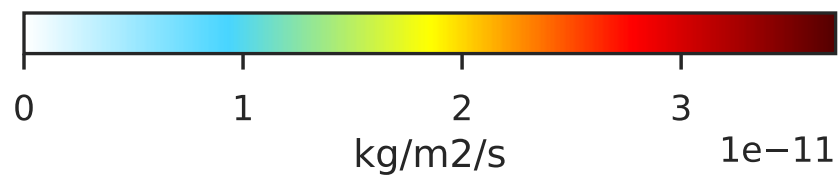
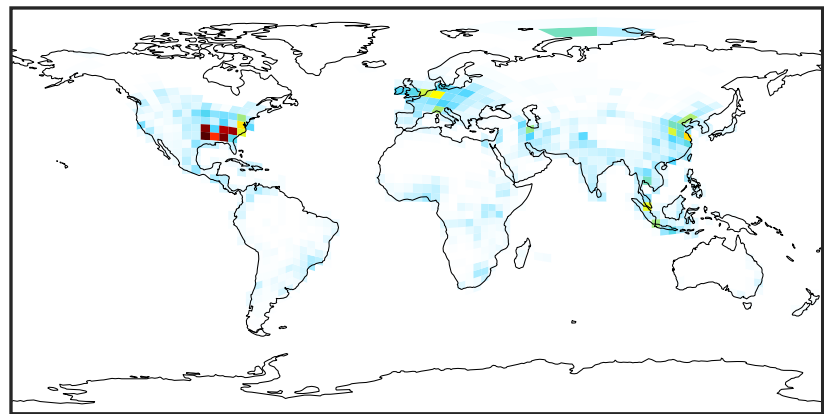
Ratio (1x1.25)
Dev/Ref, Fixed Range



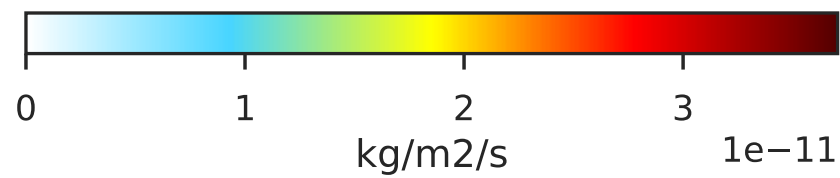
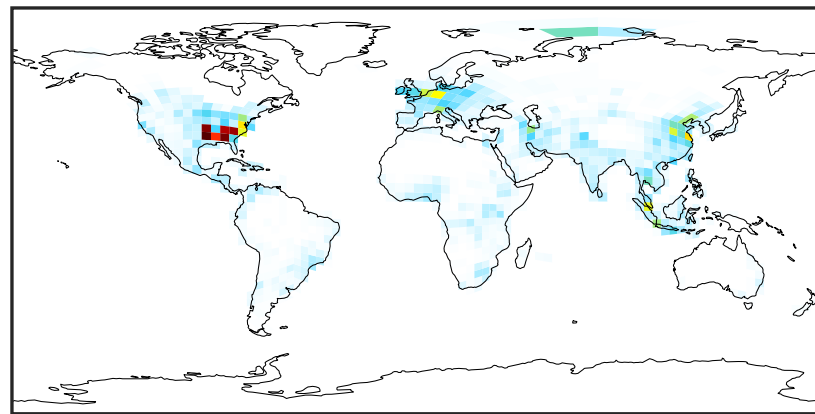
0.50 0.75 1.00 1.50 2.00
unitless

EmisC2H4_Anthro (Jan2019)

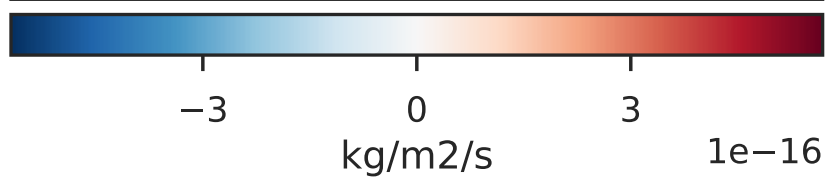
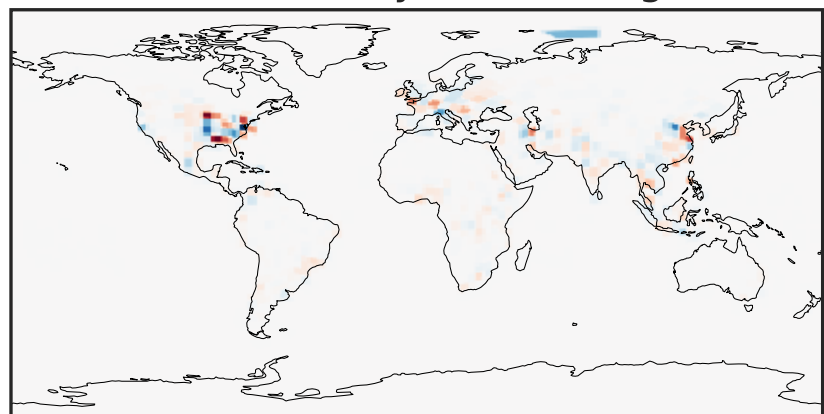
GCHP_14.0.0 (Ref)
c24



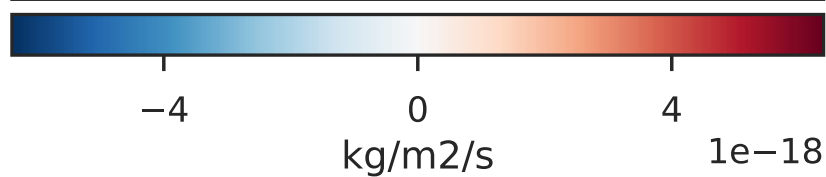
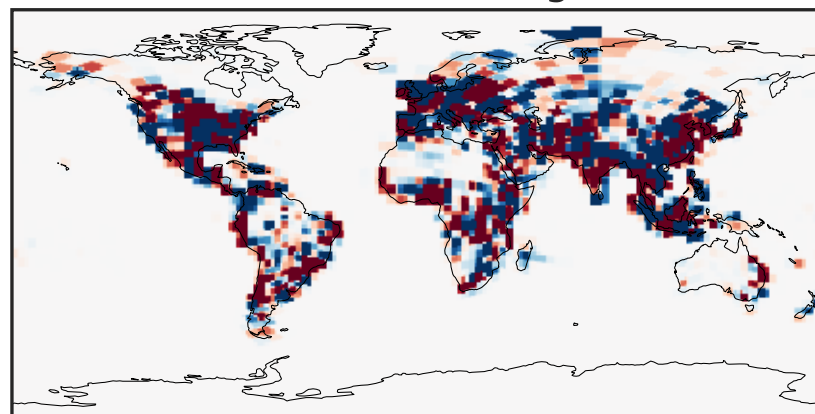
GCHP_14.2.0 (Dev)
c24



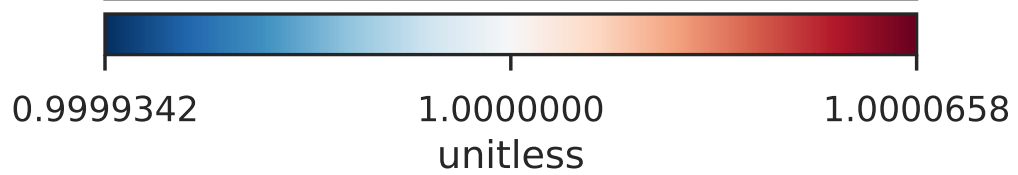
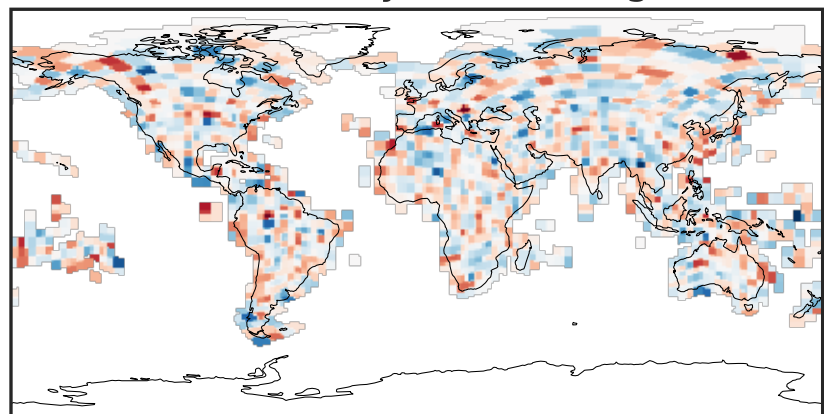
Difference (1x1.25)
Dev - Ref, Dynamic Range



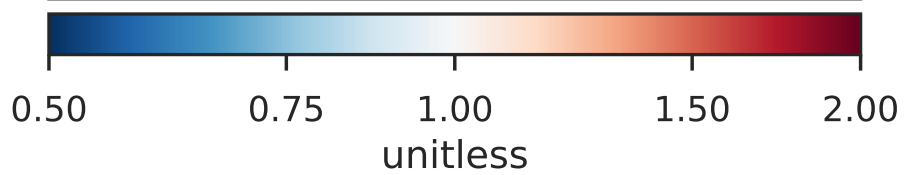
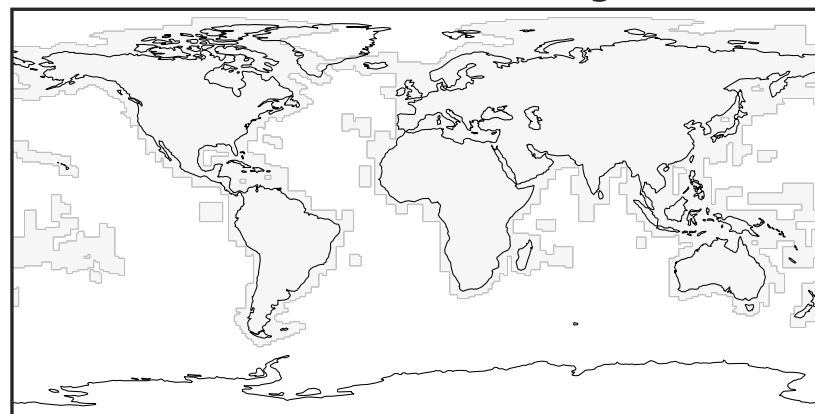
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

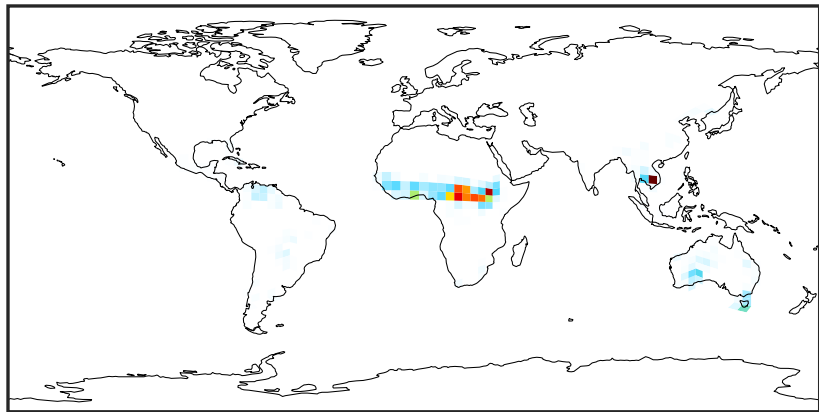


Ratio (1x1.25)
Dev/Ref, Fixed Range



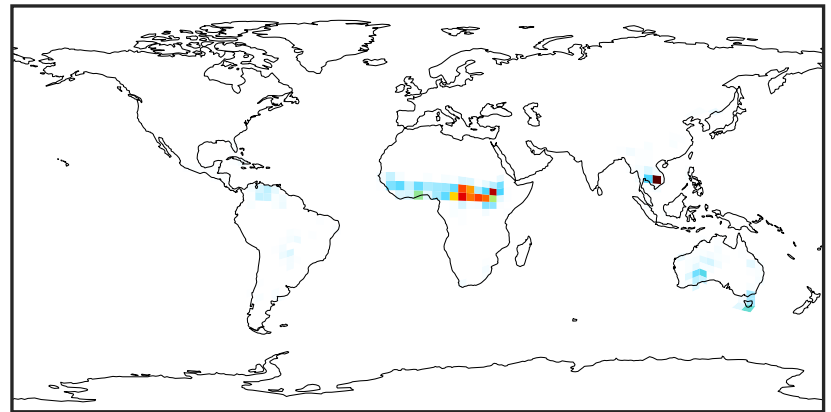
EmisC2H4_BioBurn (Jan2019)

GCHP_14.0.0 (Ref)
c24



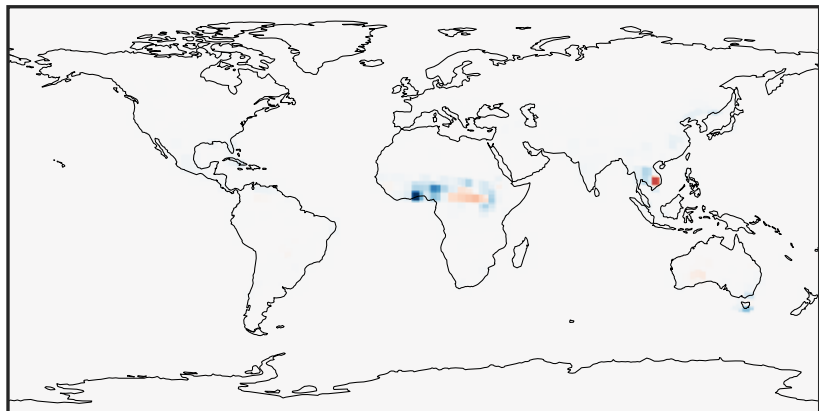
0.0 1.5 3.0 10^{-11} kg/m²/s

GCHP_14.2.0 (Dev)
c24



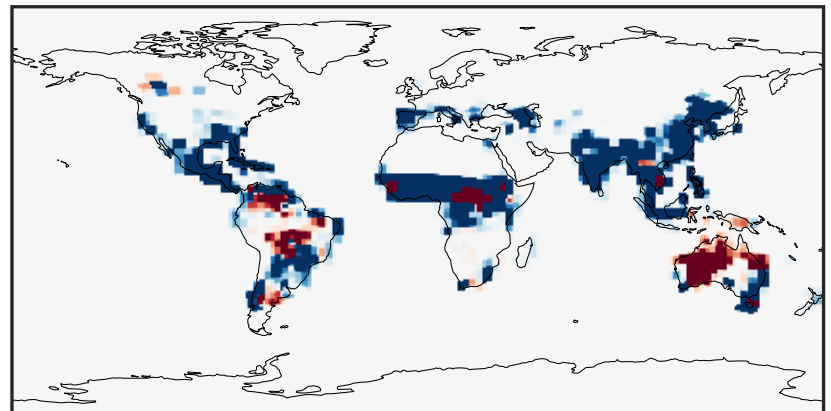
0.0 1.5 3.0 10^{-11} kg/m²/s

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



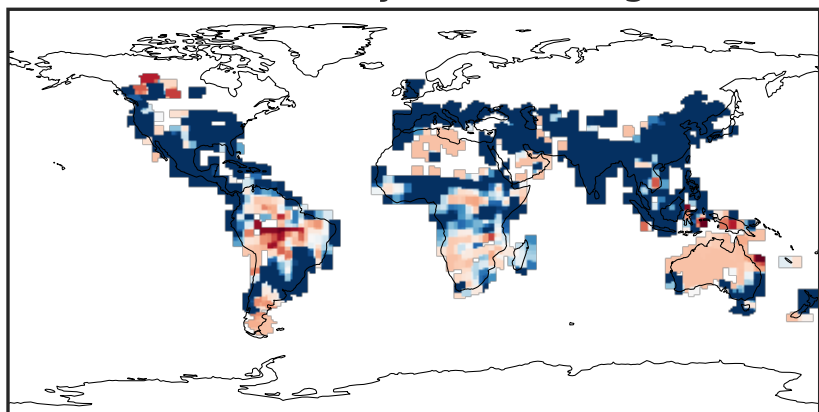
-8 0 8 10^{-13} kg/m²/s

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



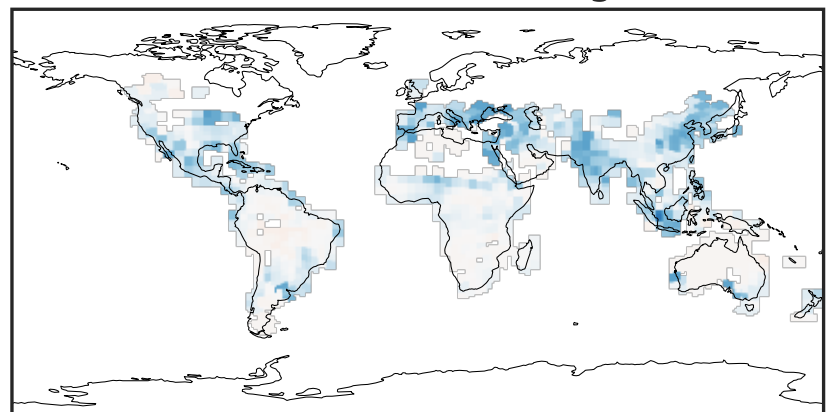
-1.5 0.0 1.5 10^{-15} kg/m²/s

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



0.95920 0.97960 1.00000 1.02127 1.04254 unitless

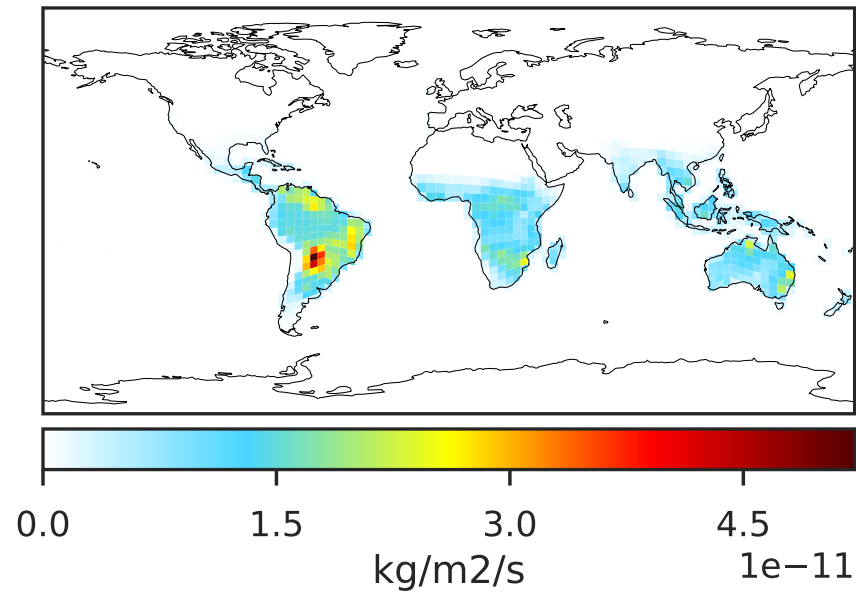
Ratio (1x1.25)
Dev/Ref, Fixed Range



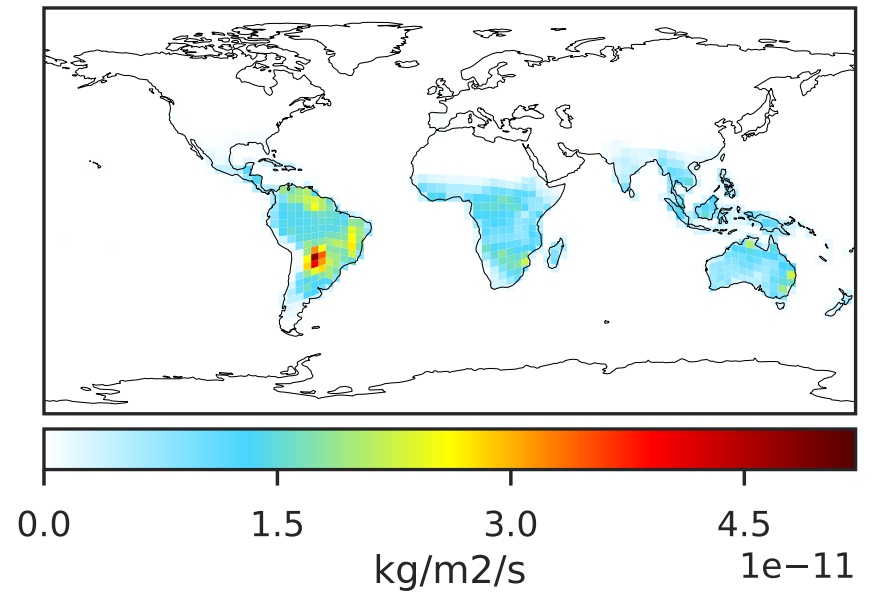
0.50 0.75 1.00 1.50 2.00 unitless

EmisC2H4_Biogenic (Jan2019)

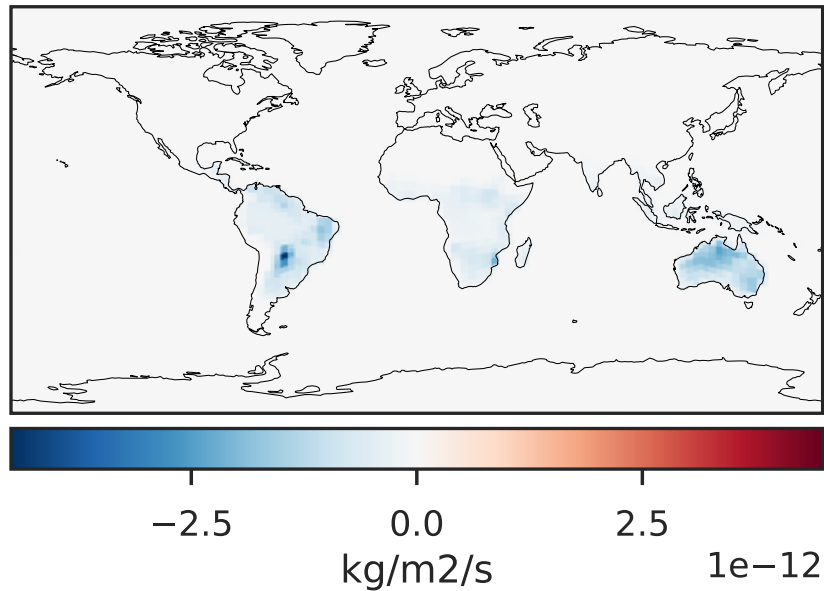
GCHP_14.0.0 (Ref)
c24



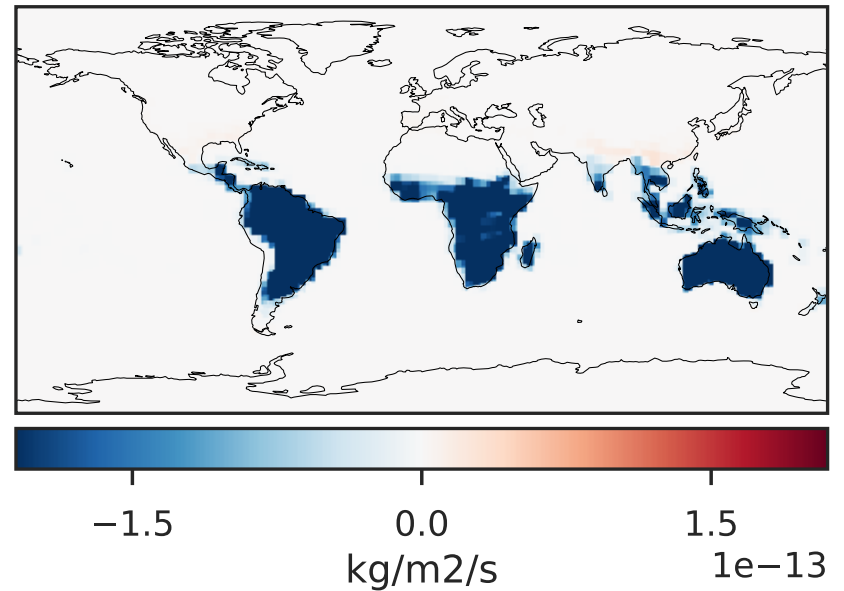
GCHP_14.2.0 (Dev)
c24



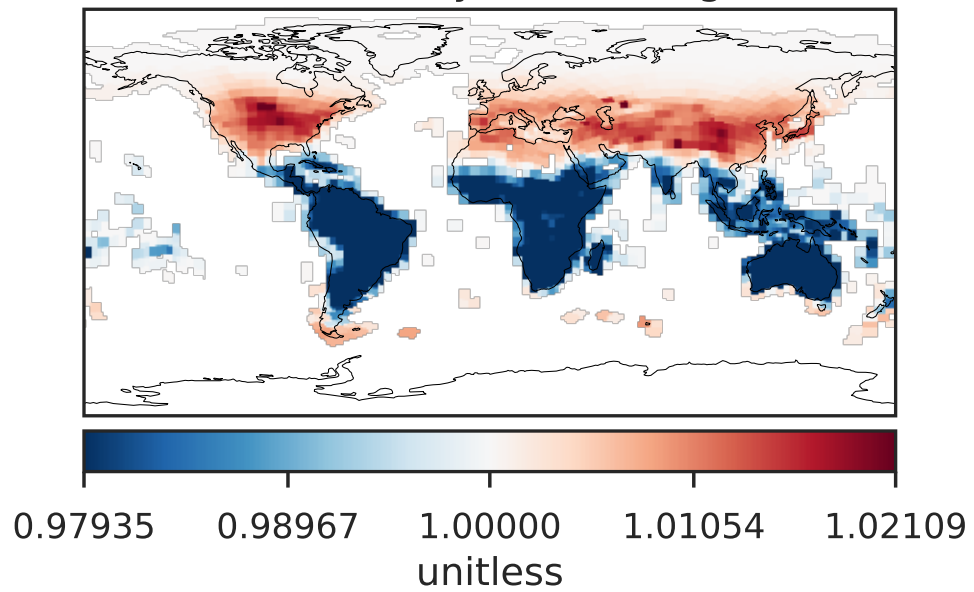
Difference (1x1.25)
Dev - Ref, Dynamic Range



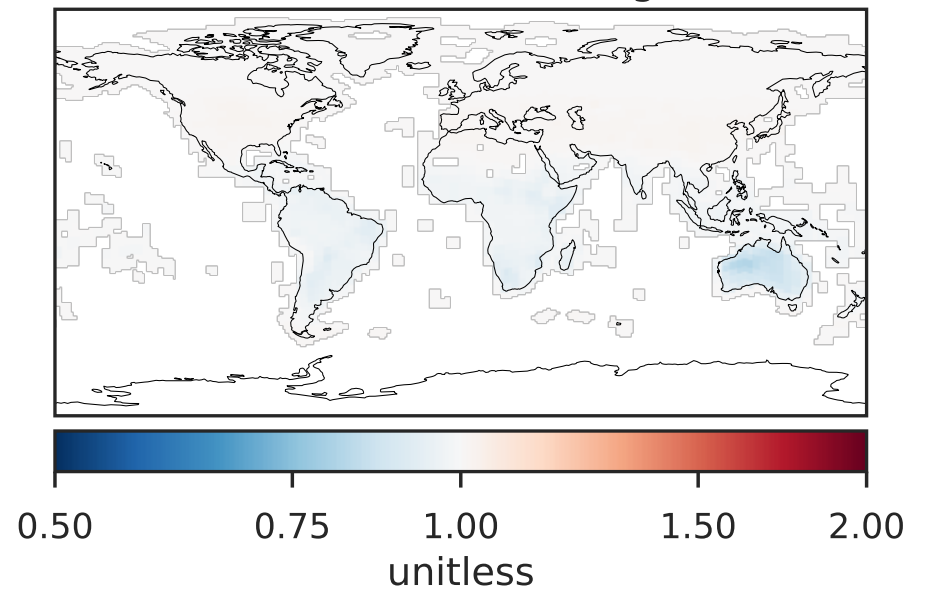
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

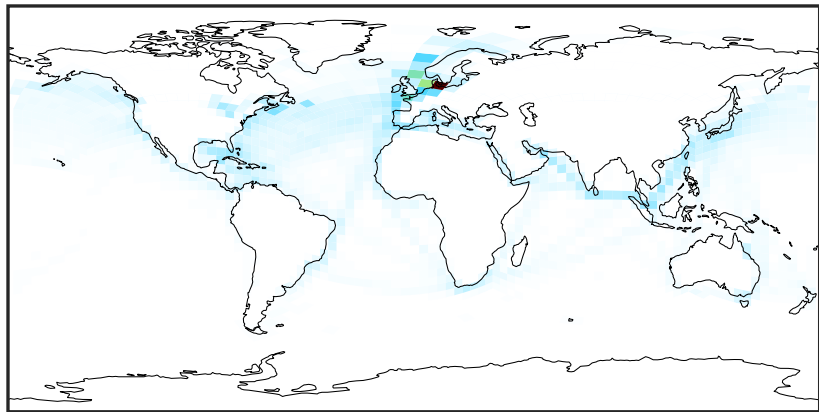


Ratio (1x1.25)
Dev/Ref, Fixed Range



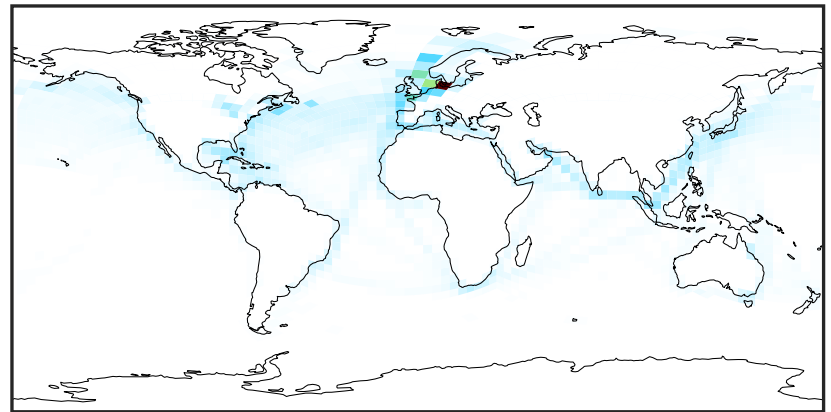
EmisC2H4_Ship (Jan2019)

GCHP_14.0.0 (Ref)
c24



0.0 2.5 5.0 7.5
kg/m²/s 1e-13

GCHP_14.2.0 (Dev)
c24



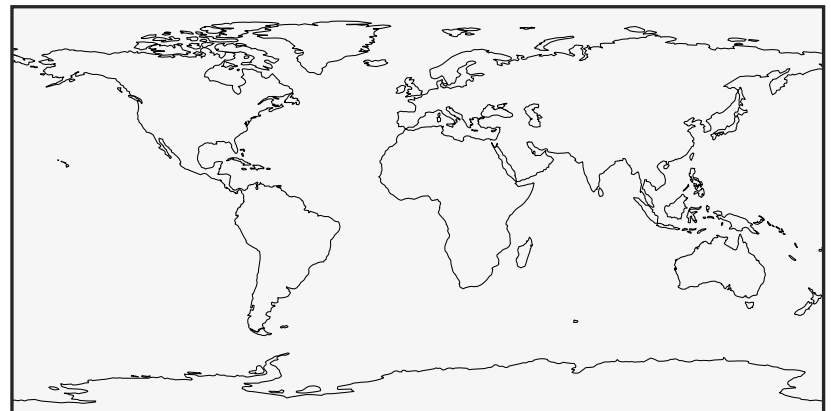
0.0 2.5 5.0 7.5
kg/m²/s 1e-13

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



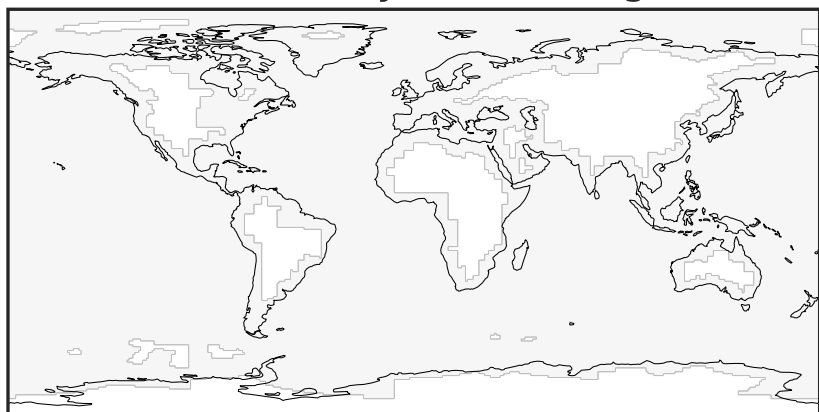
Zero throughout domain
kg/m²/s

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



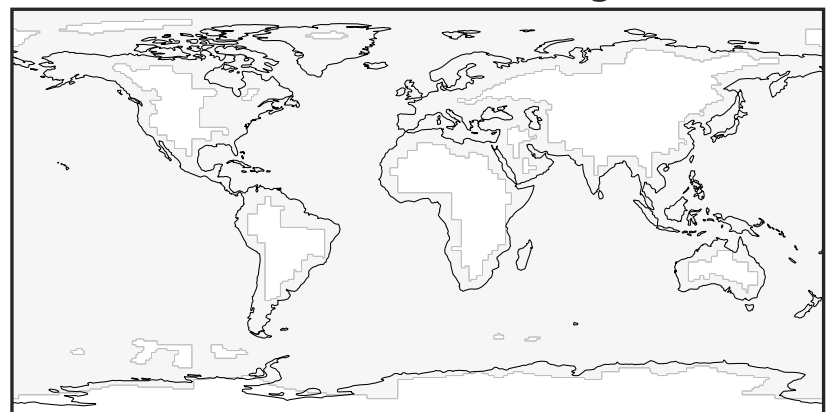
Zero throughout domain
kg/m²/s

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



Ref and Dev equal throughout domain
unitless

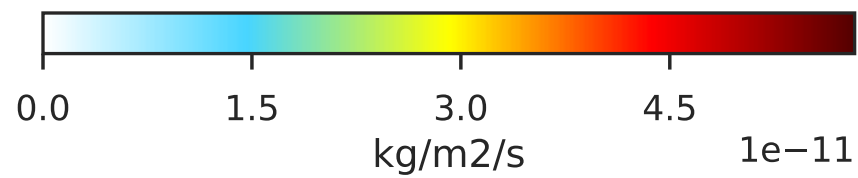
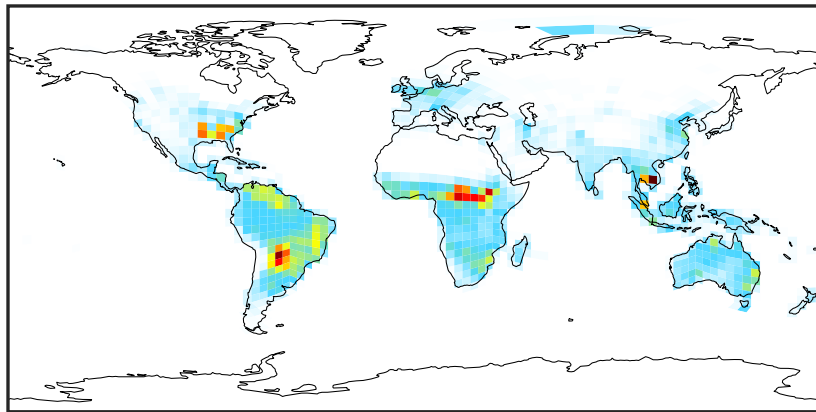
Ratio (1x1.25)
Dev/Ref, Fixed Range



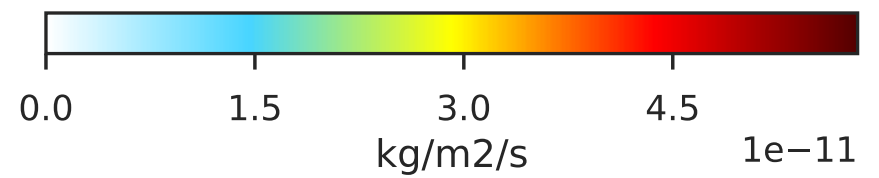
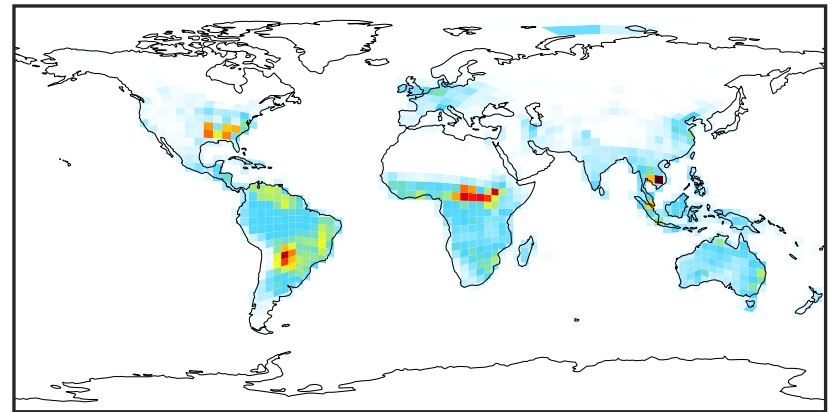
Ref and Dev equal throughout domain
unitless

EmisC2H4_Total (Jan2019)

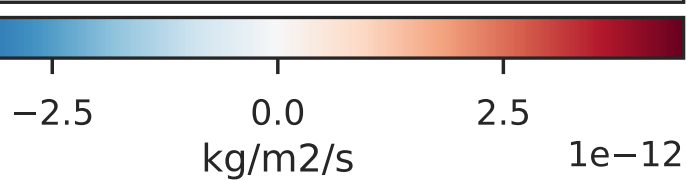
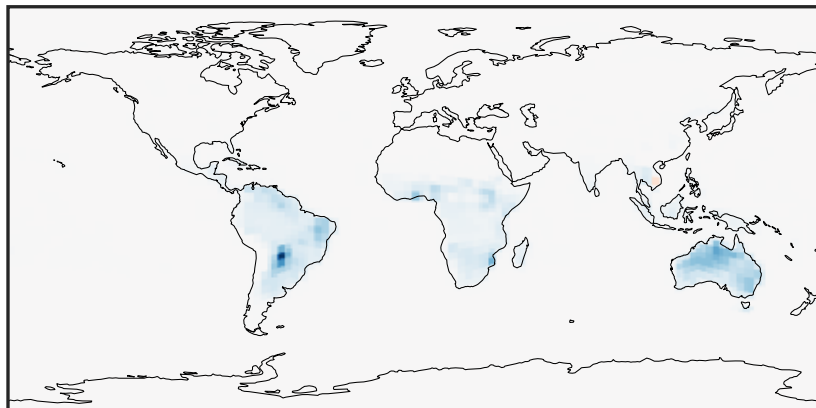
GCHP_14.0.0 (Ref)
c24



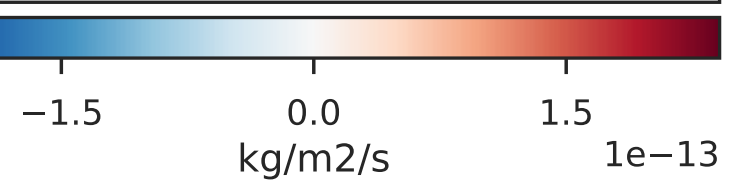
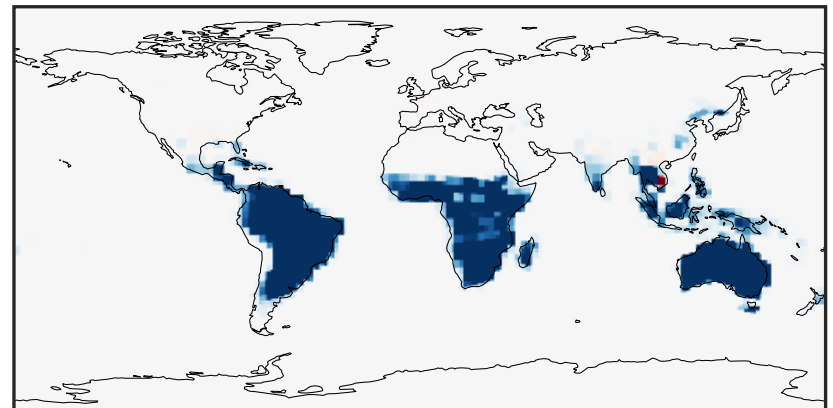
GCHP_14.2.0 (Dev)
c24



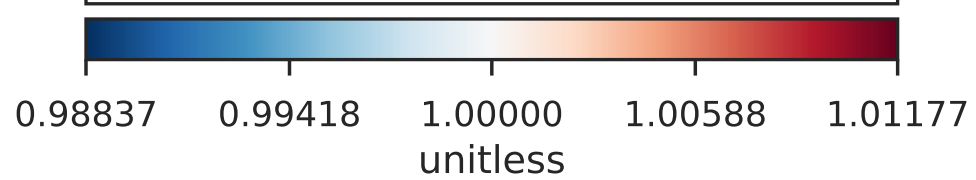
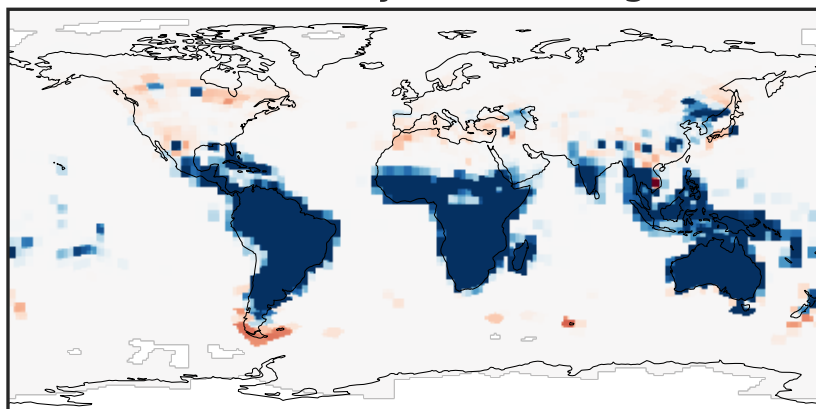
Difference (1x1.25)
Dev - Ref, Dynamic Range



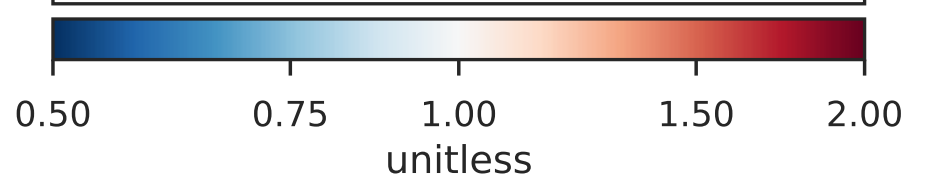
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

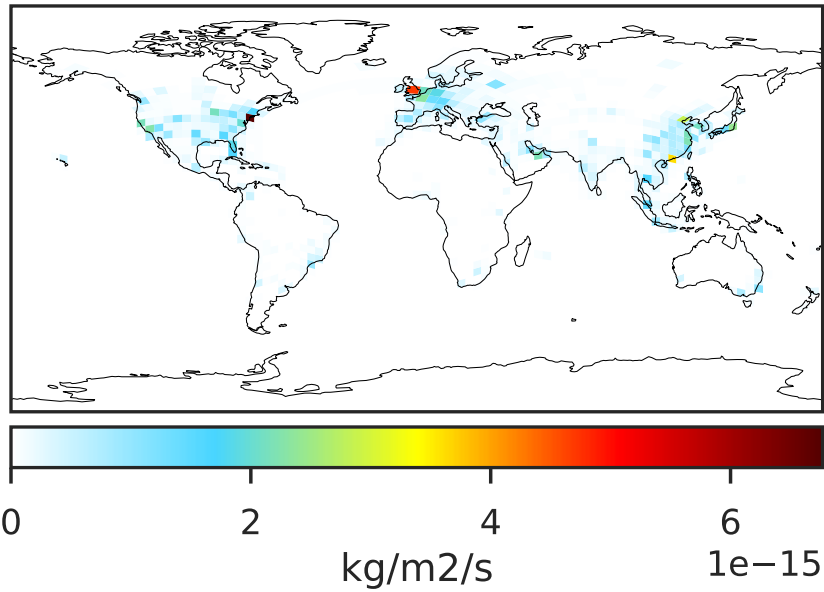


Ratio (1x1.25)
Dev/Ref, Fixed Range

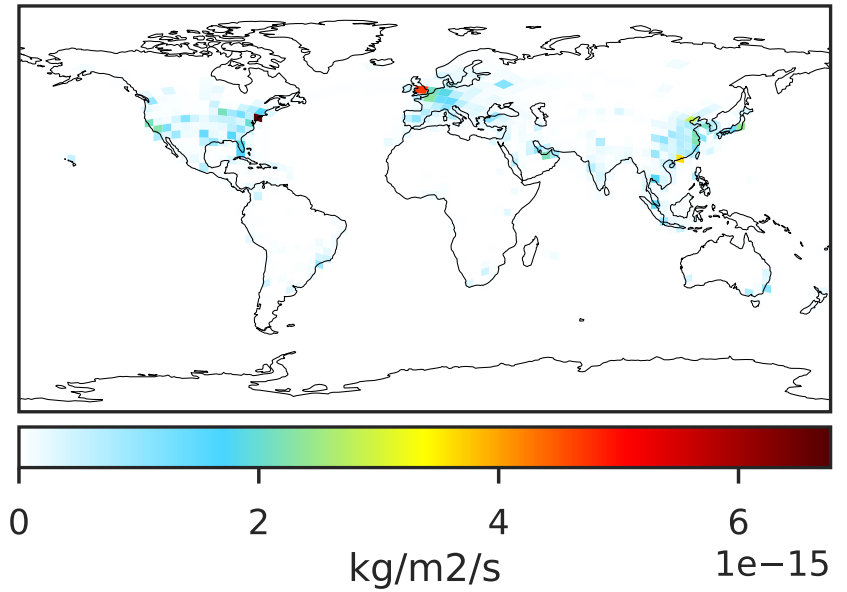


EmisC2H6_Aircraft (Jan2019)

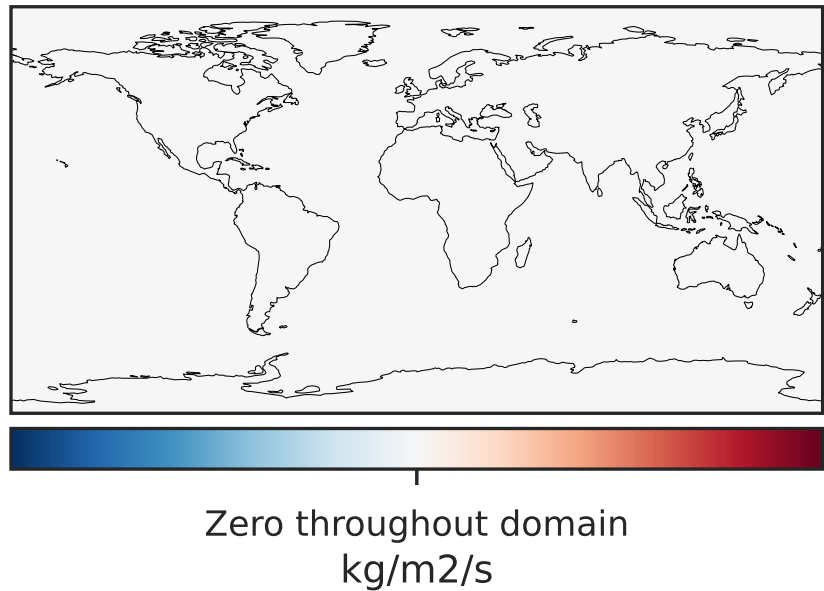
GCHP_14.0.0 (Ref)
c24



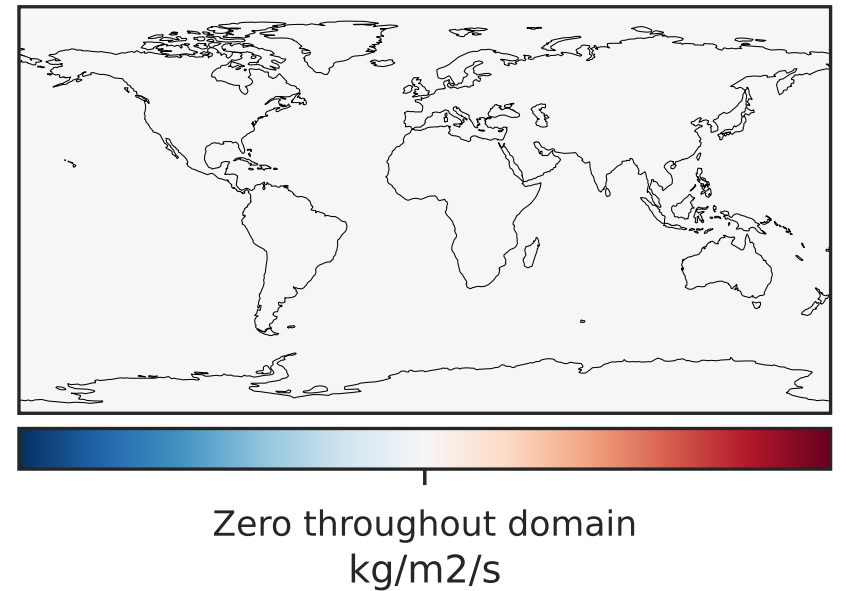
GCHP_14.2.0 (Dev)
c24



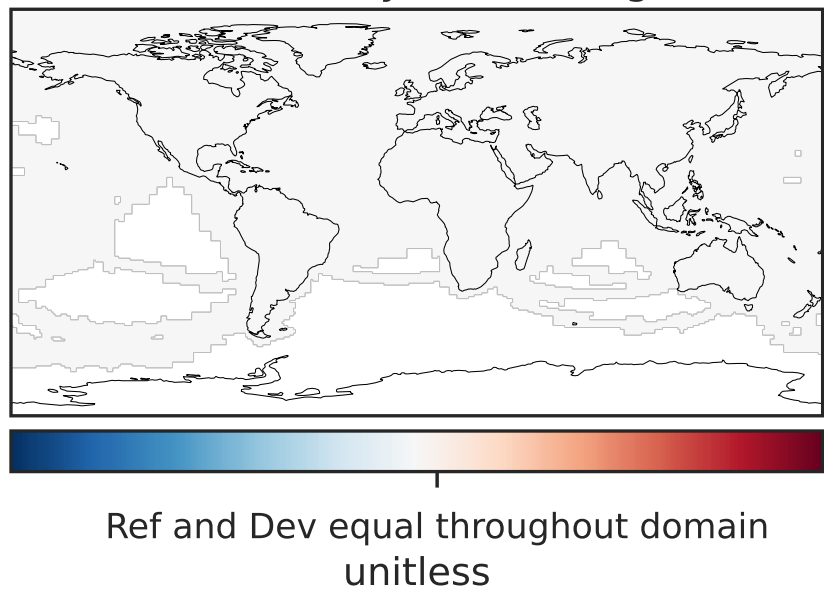
Difference (1x1.25)
Dev - Ref, Dynamic Range



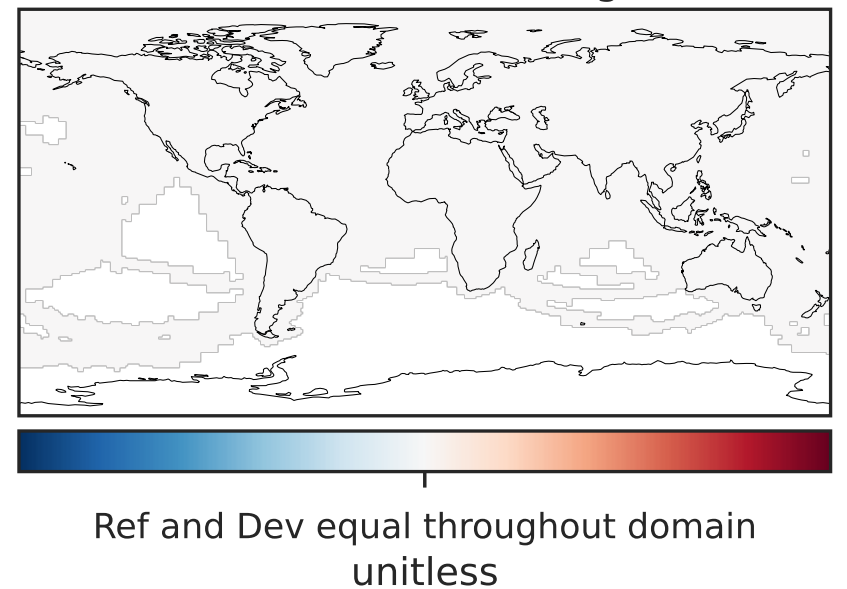
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

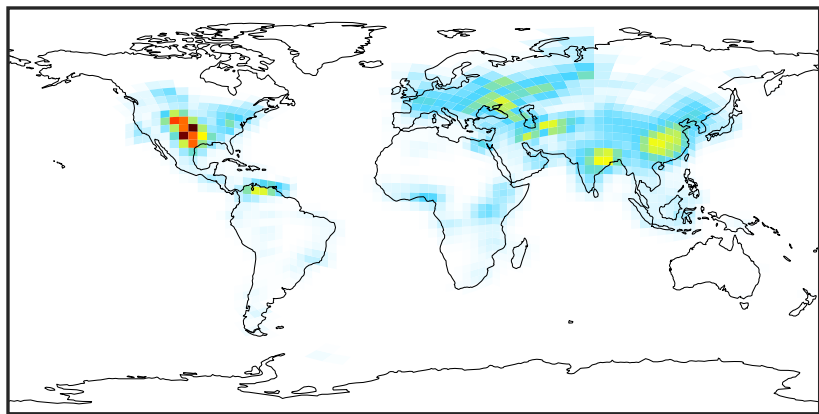


Ratio (1x1.25)
Dev/Ref, Fixed Range



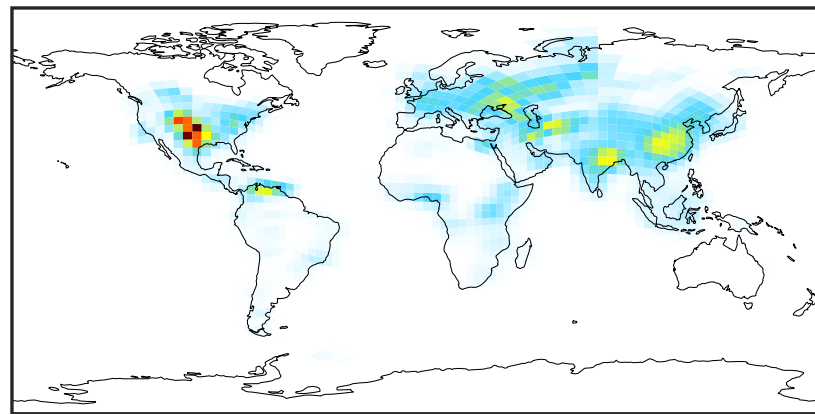
EmisC2H6_Anthro (Jan2019)

GCHP_14.0.0 (Ref)
c24



0.0 0.6 1.2 1.8
kg/m²/s 1e-11

GCHP_14.2.0 (Dev)
c24



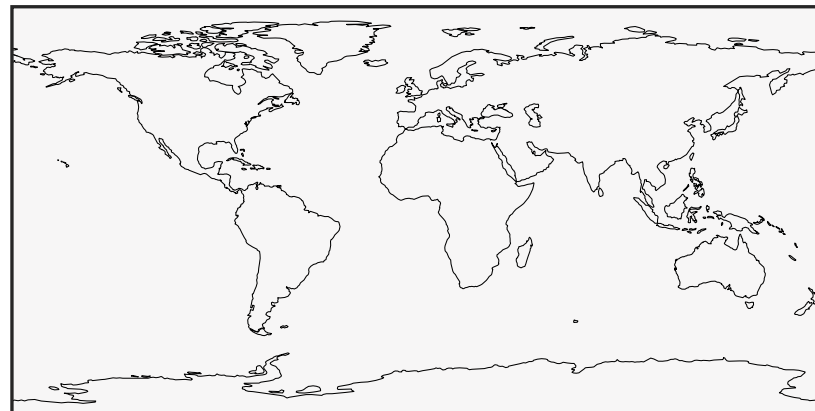
0.0 0.6 1.2 1.8
kg/m²/s 1e-11

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



Zero throughout domain
kg/m²/s

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



Zero throughout domain
kg/m²/s

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



Ref and Dev equal throughout domain
unitless

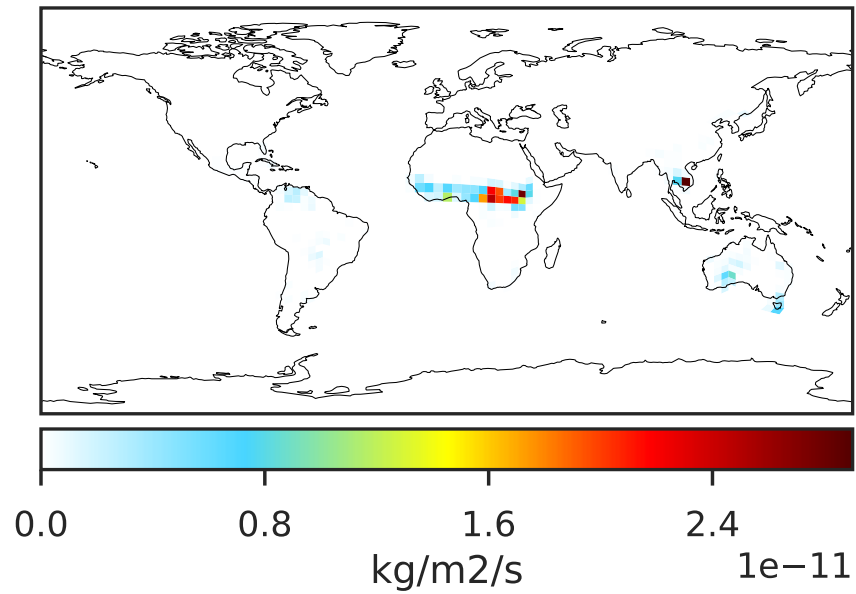
Ratio (1x1.25)
Dev/Ref, Fixed Range



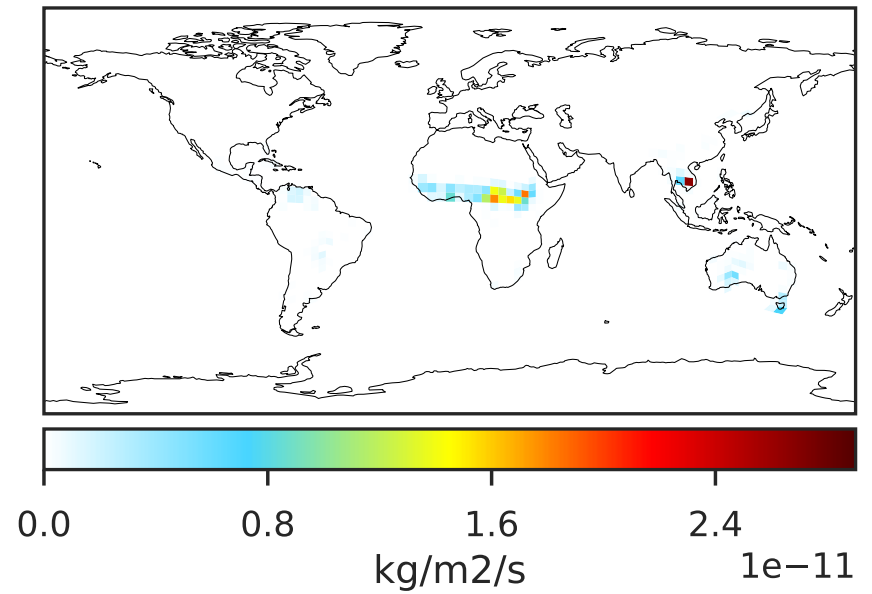
Ref and Dev equal throughout domain
unitless

EmisC2H6_BioBurn (Jan2019)

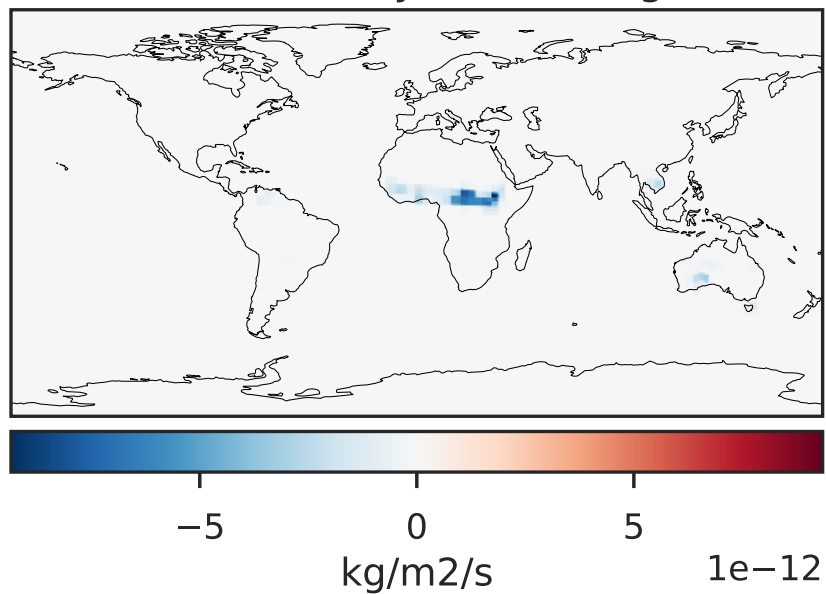
GCHP_14.0.0 (Ref)
c24



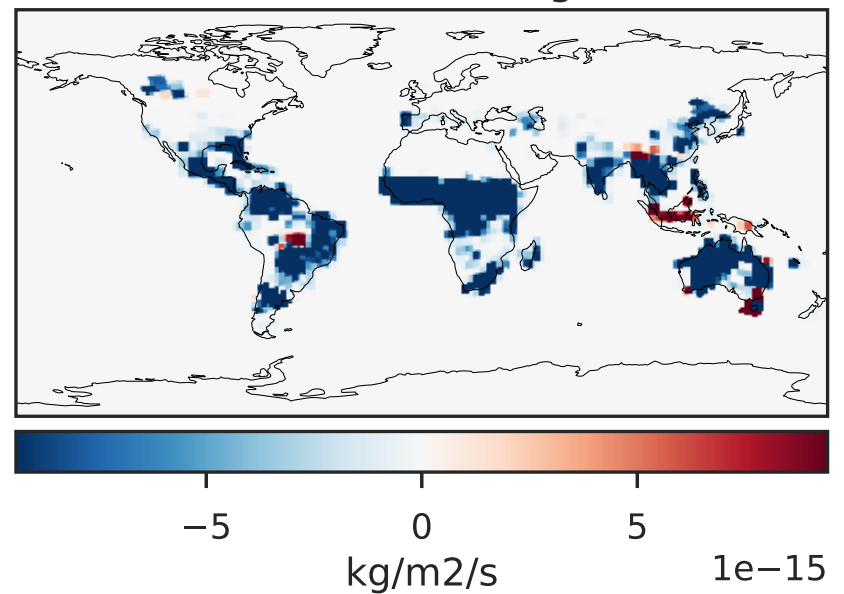
GCHP_14.2.0 (Dev)
c24



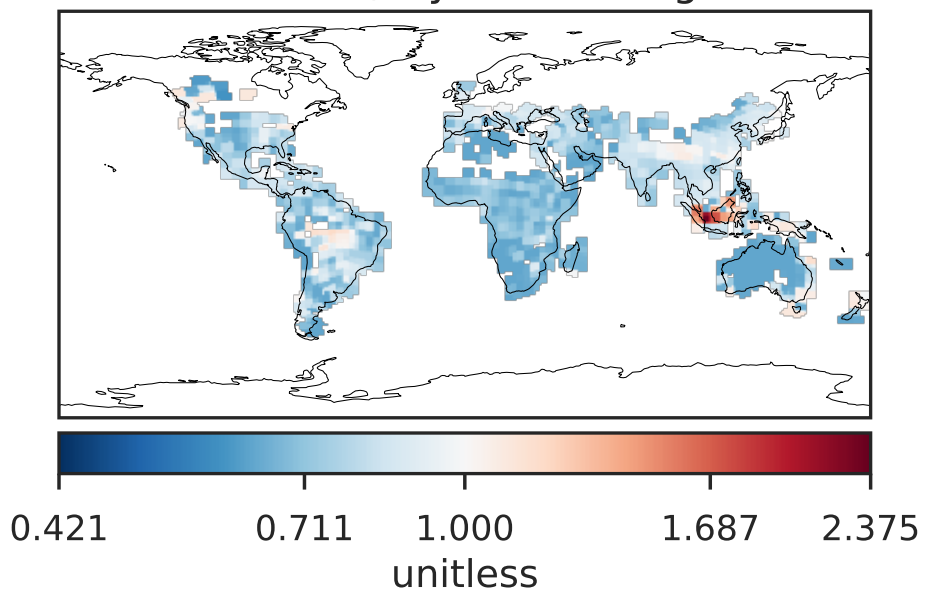
Difference (1x1.25)
Dev - Ref, Dynamic Range



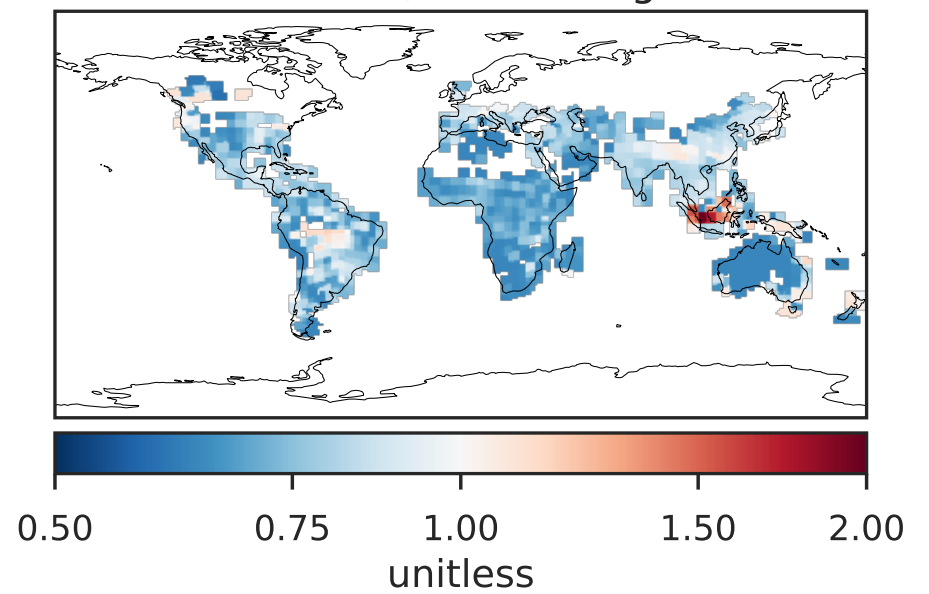
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

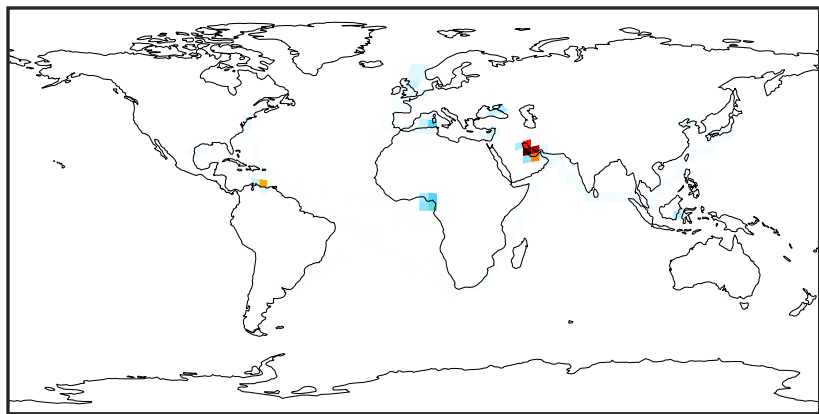


Ratio (1x1.25)
Dev/Ref, Fixed Range



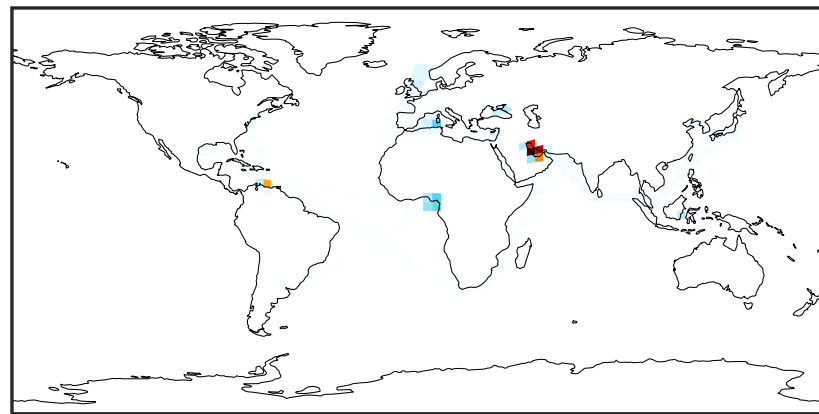
EmisC2H6_Ship (Jan2019)

GCHP_14.0.0 (Ref)
c24



0.0 1.5 3.0 4.5
kg/m²/s 1e-12

GCHP_14.2.0 (Dev)
c24



0.0 1.5 3.0 4.5
kg/m²/s 1e-12

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



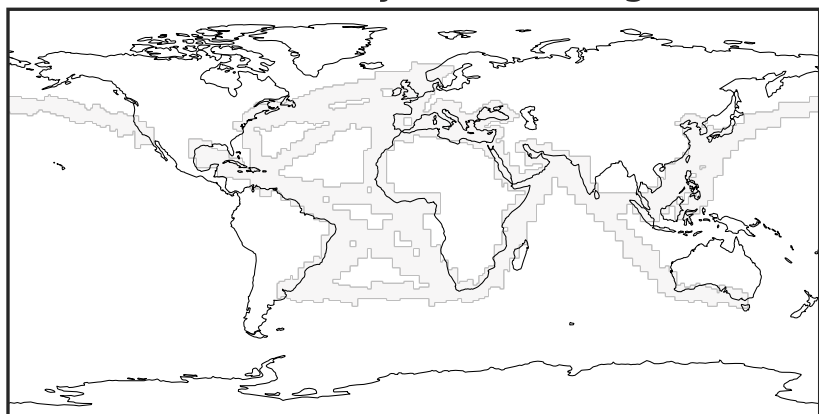
Zero throughout domain
kg/m²/s

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



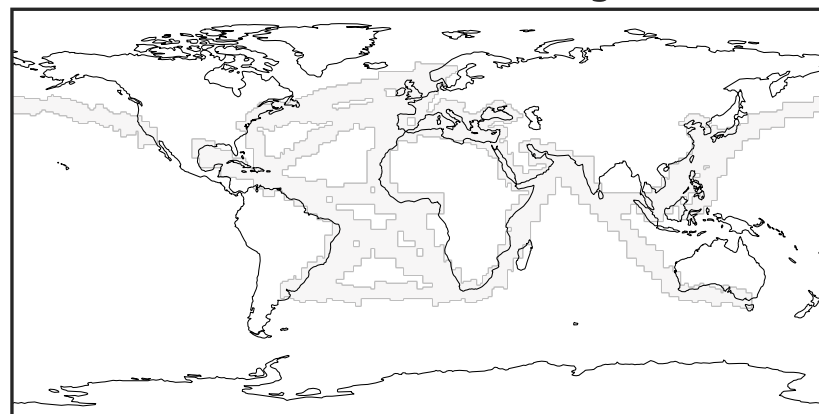
Zero throughout domain
kg/m²/s

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



Ref and Dev equal throughout domain
unitless

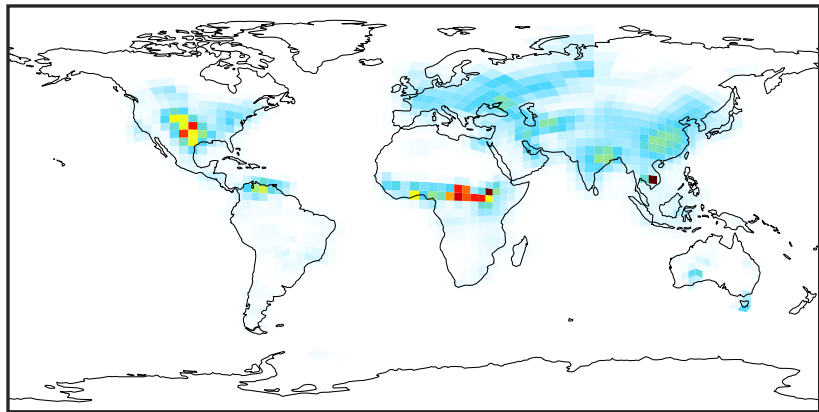
Ratio (1x1.25)
Dev/Ref, Fixed Range



Ref and Dev equal throughout domain
unitless

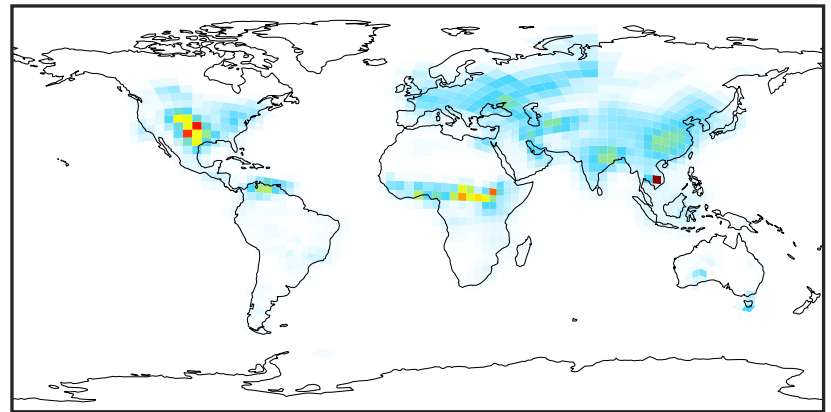
EmisC2H6_Total (Jan2019)

GCHP_14.0.0 (Ref)
c24



0.0 0.8 1.6 2.4
kg/m²/s 1e-11

GCHP_14.2.0 (Dev)
c24



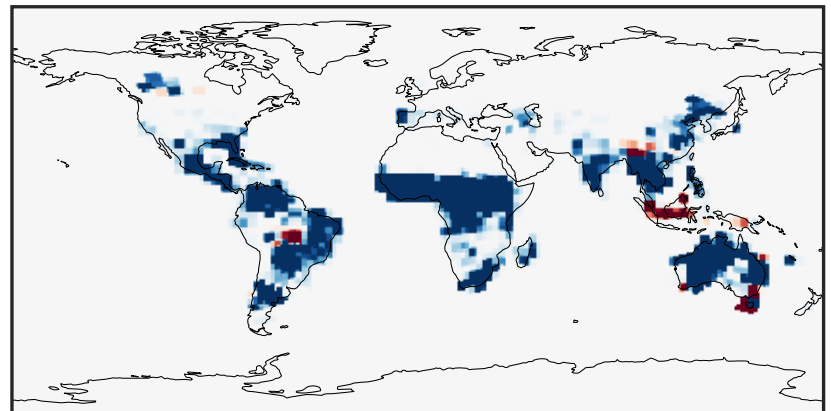
0.0 0.8 1.6 2.4
kg/m²/s 1e-11

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



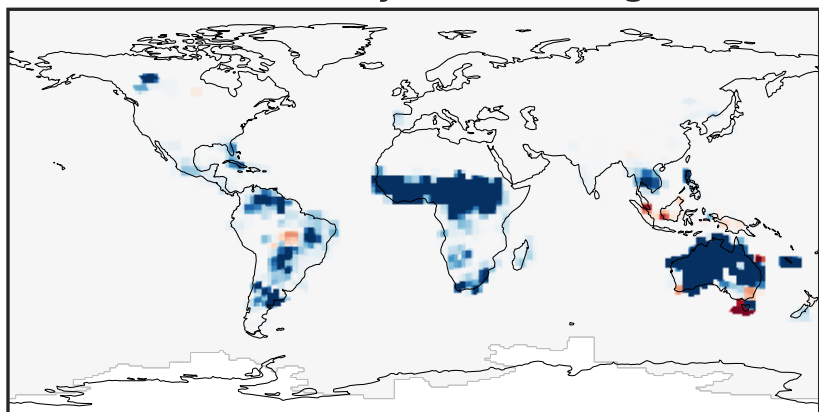
-5 0 5
kg/m²/s 1e-12

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



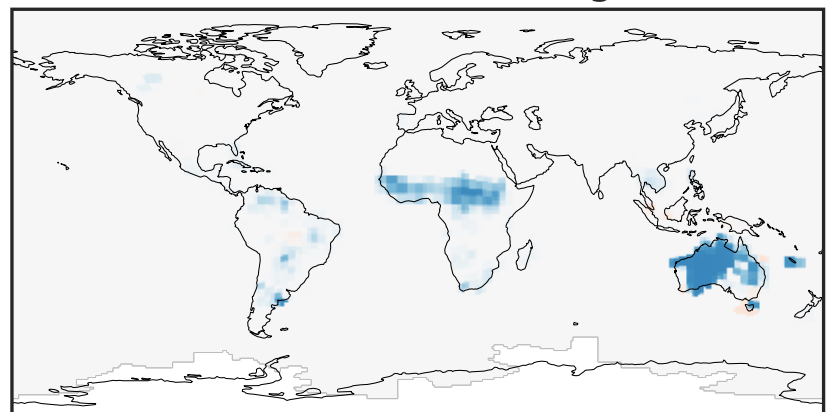
-5 0 5
kg/m²/s 1e-15

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



0.9088 0.9544 1.0000 1.0502 1.1003
unitless

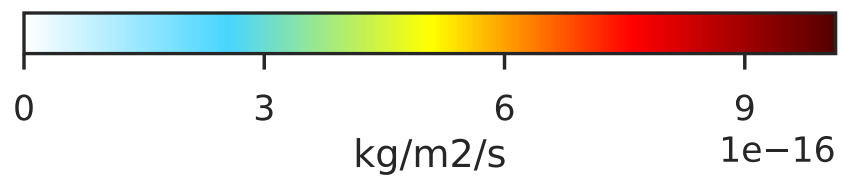
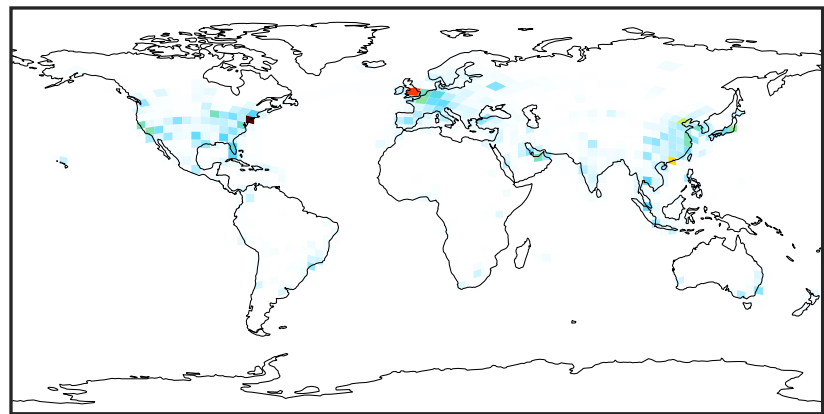
Ratio (1x1.25)
Dev/Ref, Fixed Range



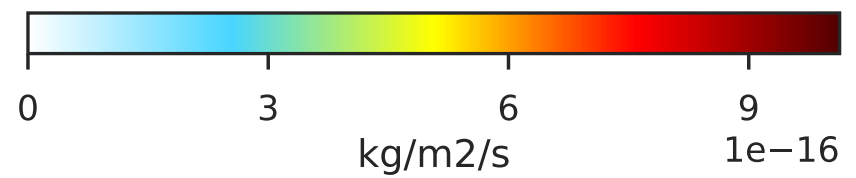
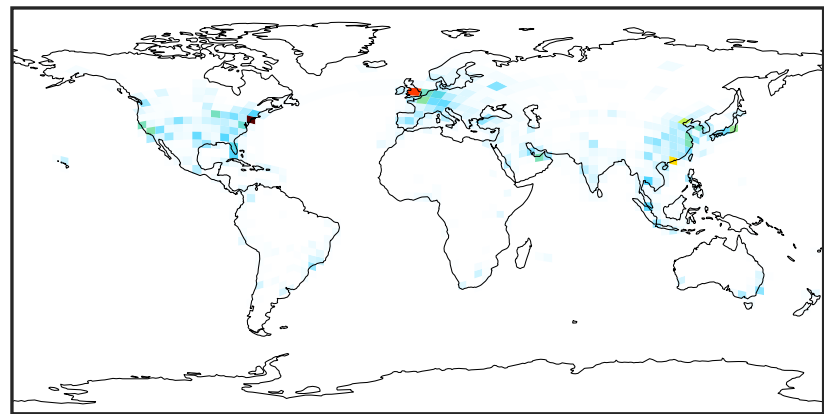
0.50 0.75 1.00 1.50 2.00
unitless

EmisC3H8_Aircraft (Jan2019)

GCHP_14.0.0 (Ref)
c24



GCHP_14.2.0 (Dev)
c24

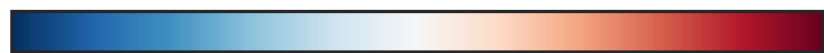
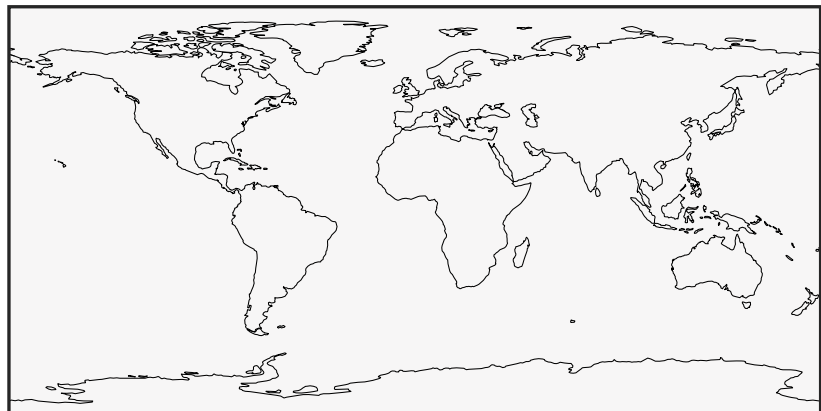


Difference (1x1.25)
Dev - Ref, Dynamic Range



Zero throughout domain
kg/m2/s

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



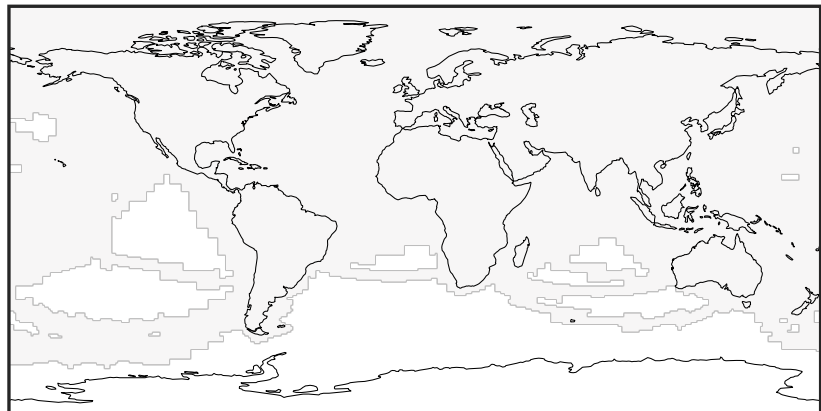
Zero throughout domain
kg/m2/s

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



Ref and Dev equal throughout domain
unitless

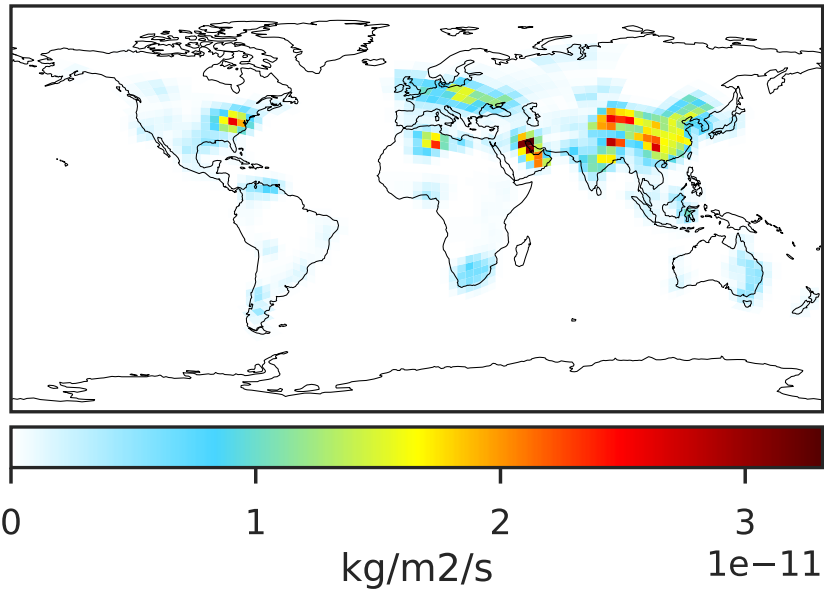
Ratio (1x1.25)
Dev/Ref, Fixed Range



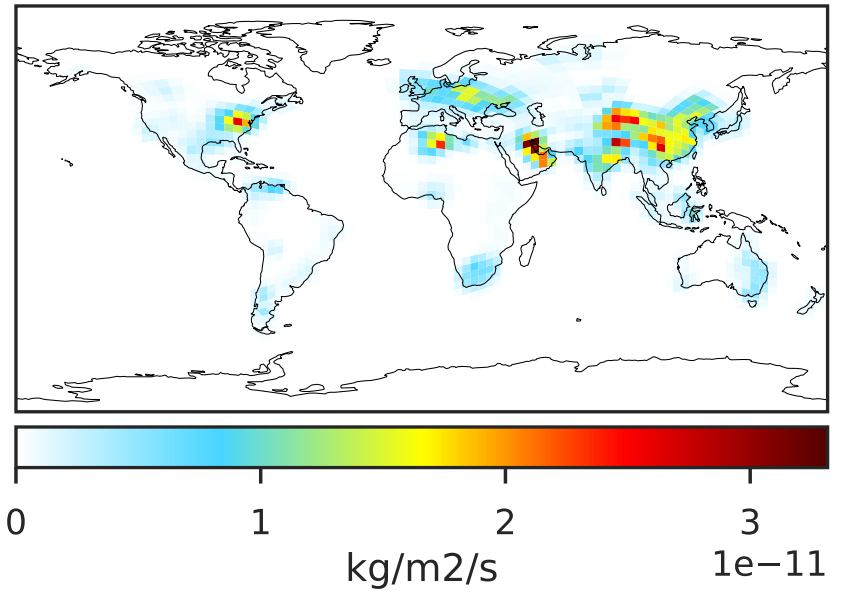
Ref and Dev equal throughout domain
unitless

EmisC3H8_Anthro (Jan2019)

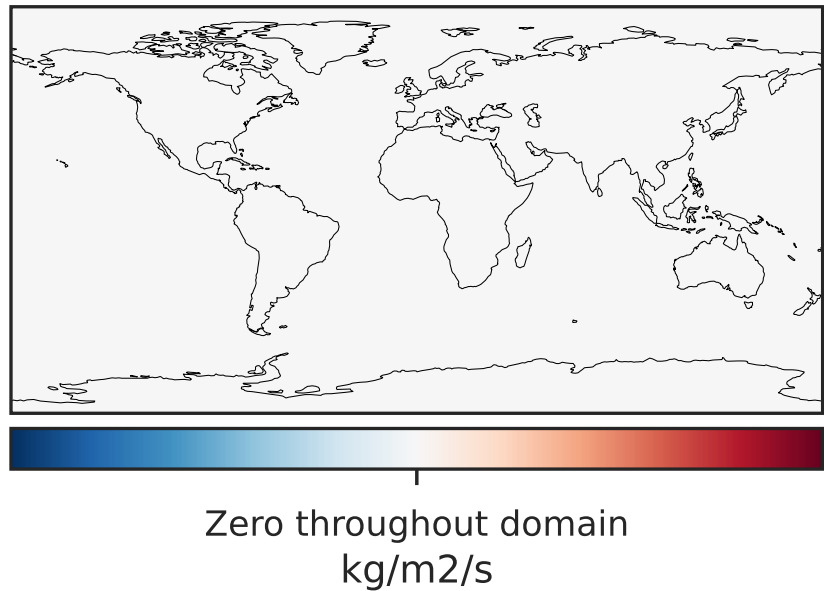
GCHP_14.0.0 (Ref)
c24



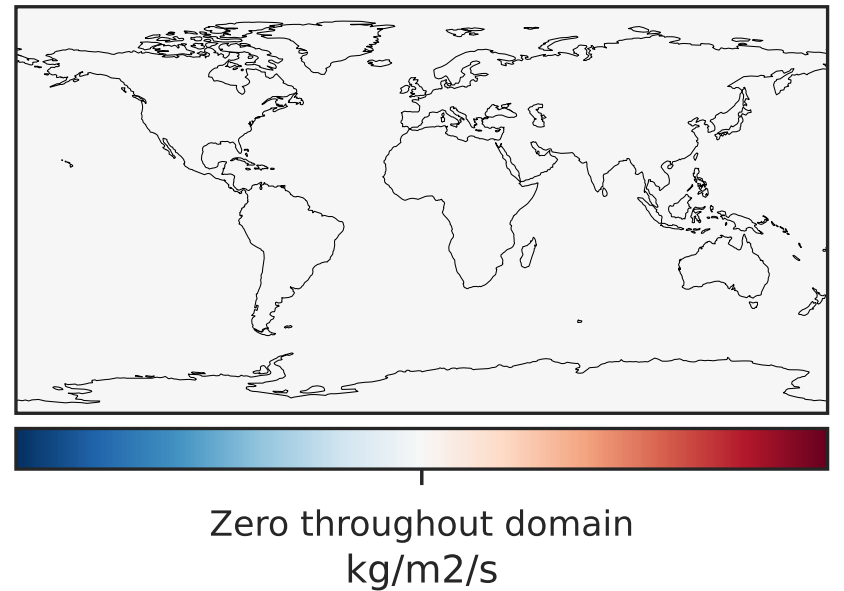
GCHP_14.2.0 (Dev)
c24



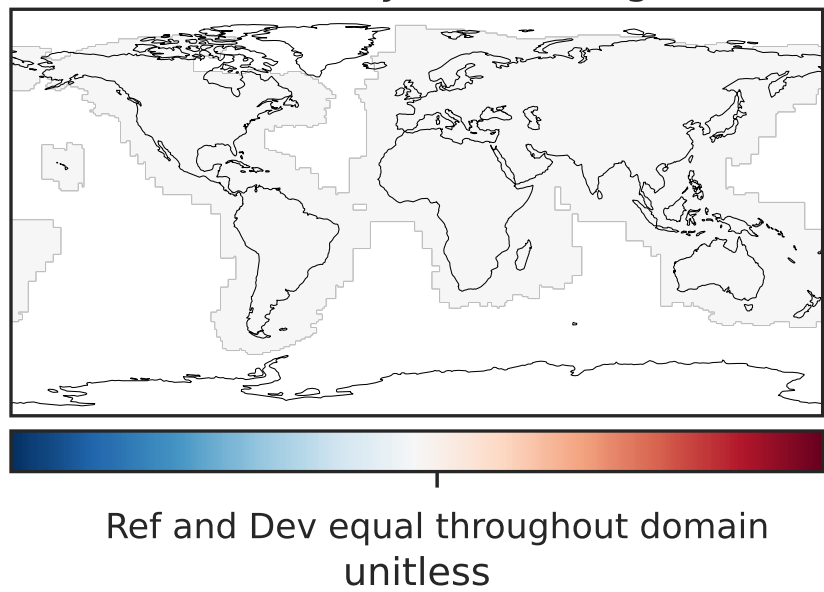
Difference (1x1.25)
Dev - Ref, Dynamic Range



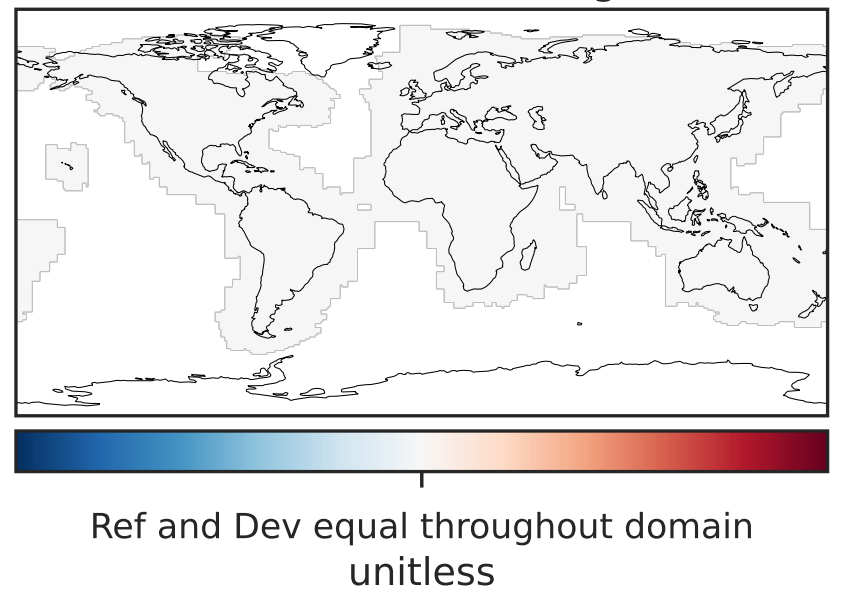
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

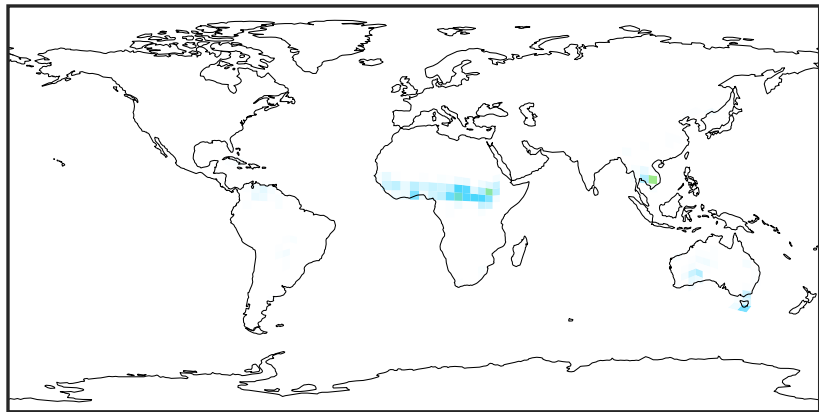


Ratio (1x1.25)
Dev/Ref, Fixed Range



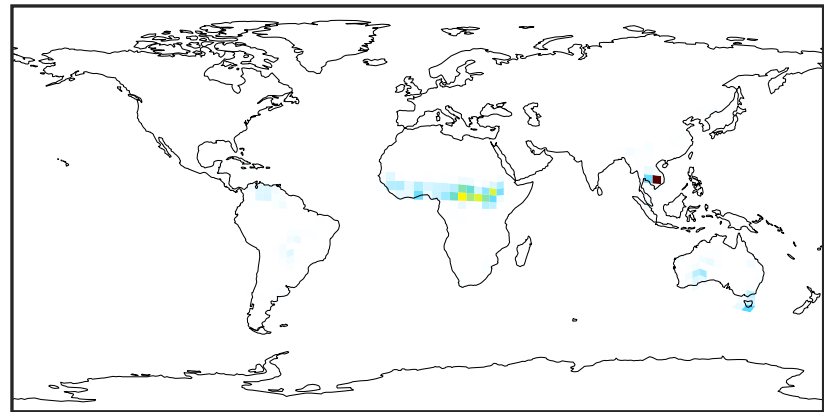
EmisC3H8_BioBurn (Jan2019)

GCHP_14.0.0 (Ref)
c24



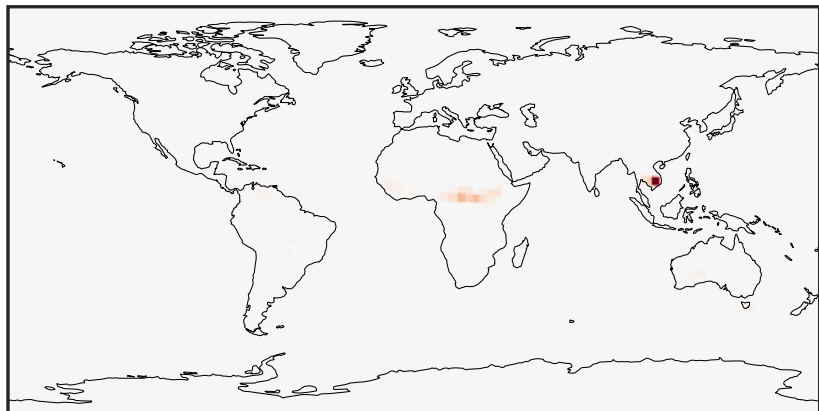
0.0 0.4 0.8 1.2
kg/m2/s 1e-11

GCHP_14.2.0 (Dev)
c24



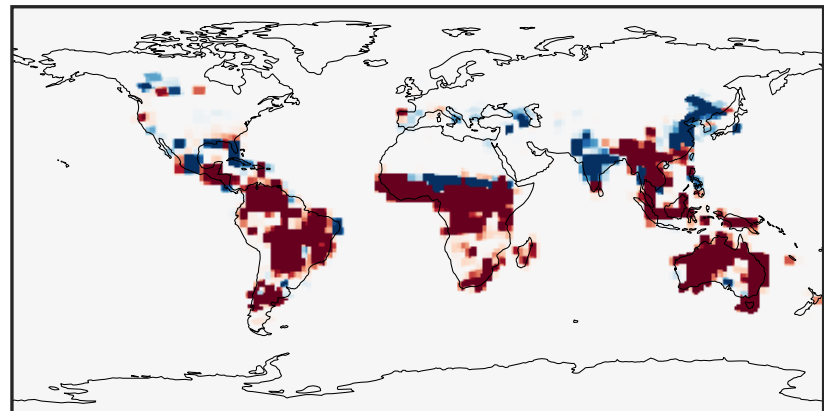
0.0 0.4 0.8 1.2
kg/m2/s 1e-11

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



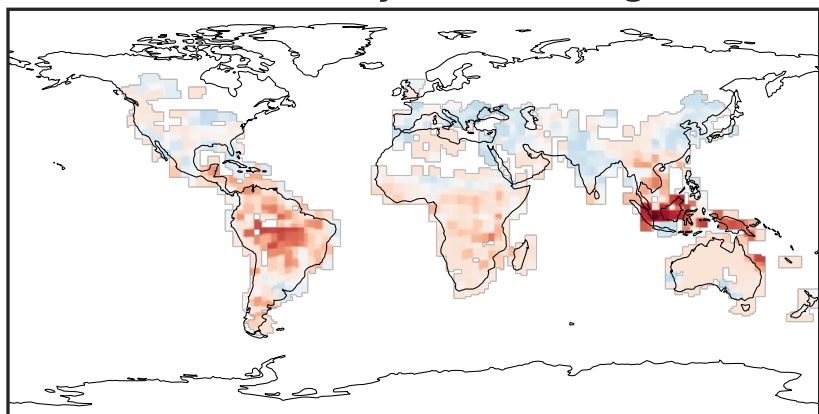
-5 0 5
kg/m2/s 1e-12

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



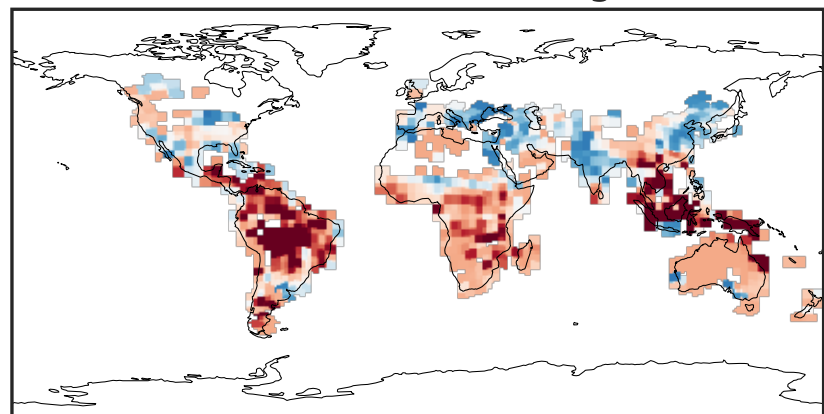
-1 0 1
kg/m2/s 1e-15

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



0.139 0.569 1.000 4.108 7.217
unitless

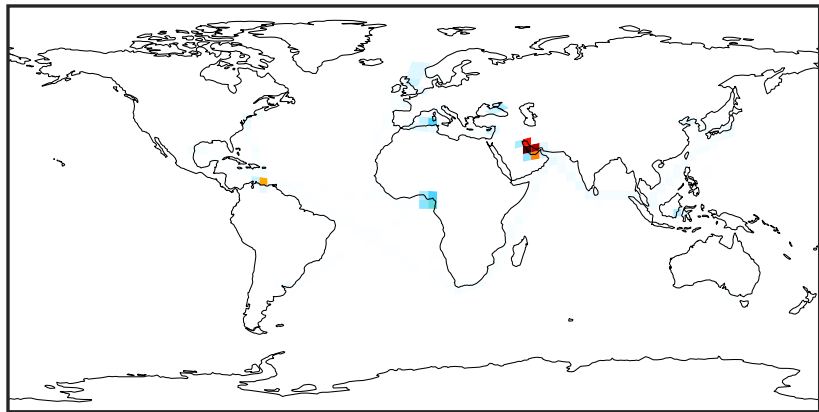
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

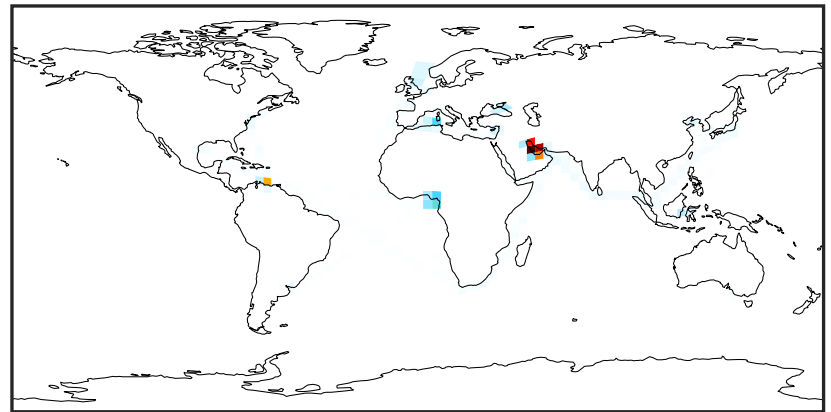
EmisC3H8_Ship (Jan2019)

GCHP_14.0.0 (Ref)
c24



0.0 0.4 0.8 1.2
kg/m²/s 1e-11

GCHP_14.2.0 (Dev)
c24



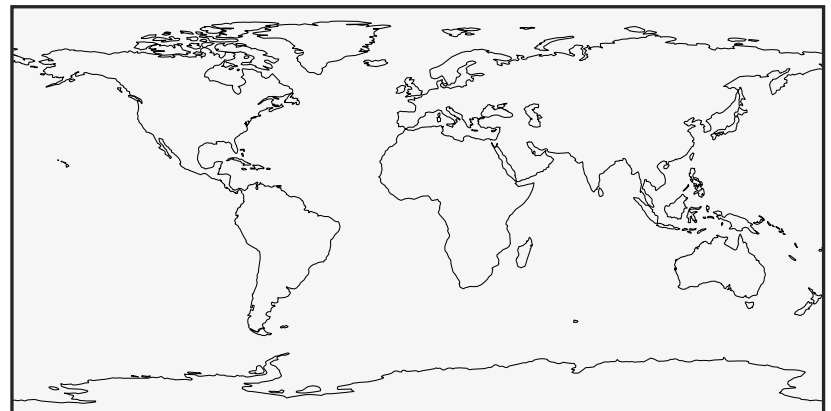
0.0 0.4 0.8 1.2
kg/m²/s 1e-11

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



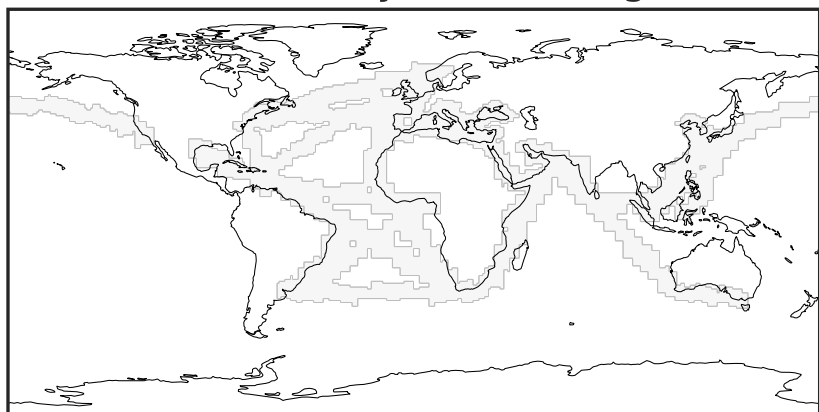
Zero throughout domain
kg/m²/s

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



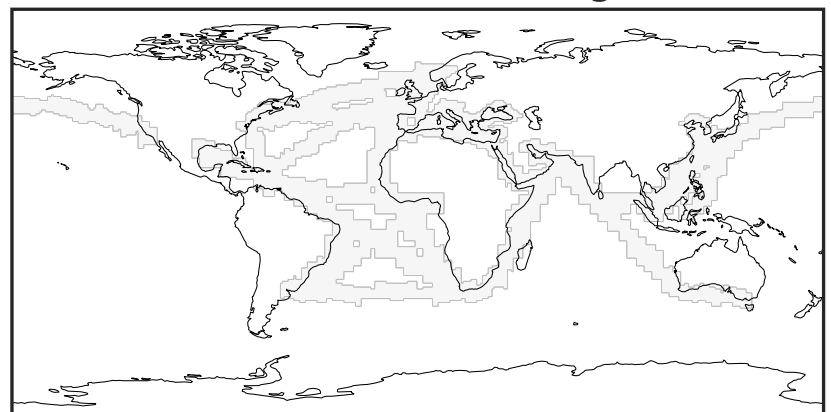
Zero throughout domain
kg/m²/s

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



Ref and Dev equal throughout domain
unitless

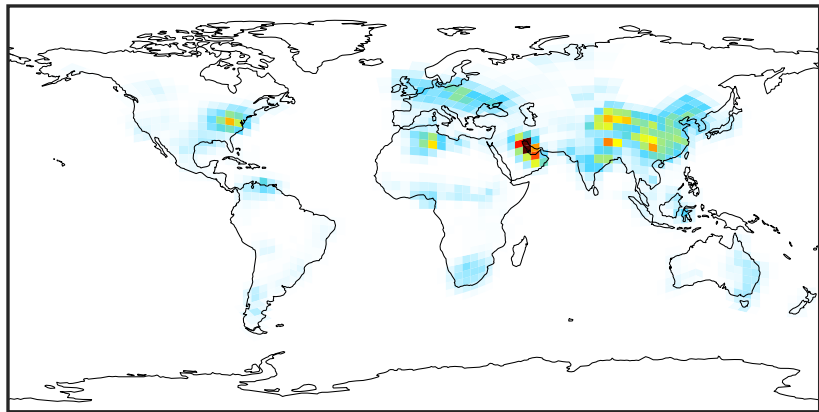
Ratio (1x1.25)
Dev/Ref, Fixed Range



Ref and Dev equal throughout domain
unitless

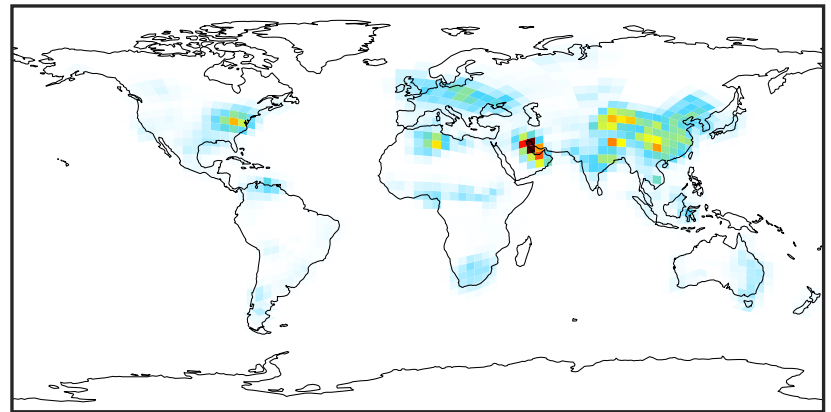
EmisC3H8_Total (Jan2019)

GCHP_14.0.0 (Ref)
c24



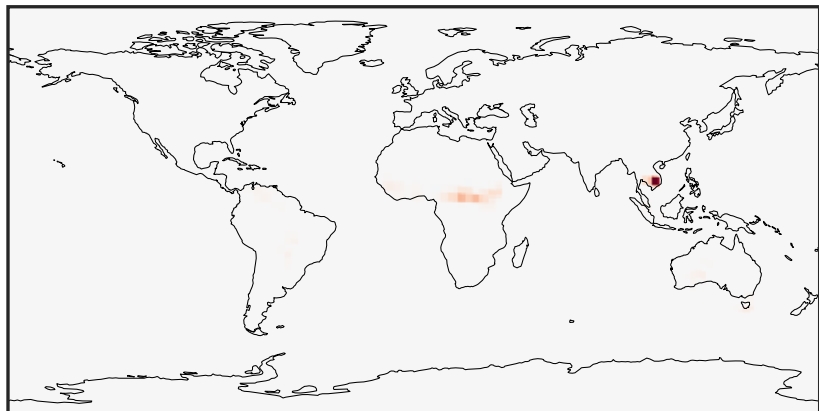
0.0 1.5 3.0 $1e-11$
kg/m²/s

GCHP_14.2.0 (Dev)
c24



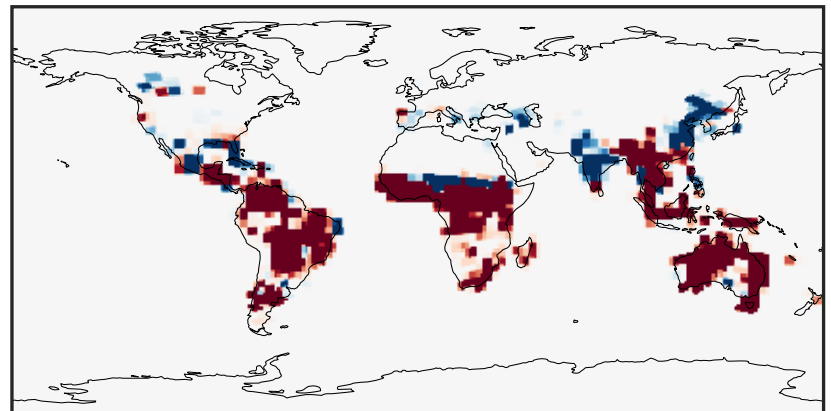
0.0 1.5 3.0 $1e-11$
kg/m²/s

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



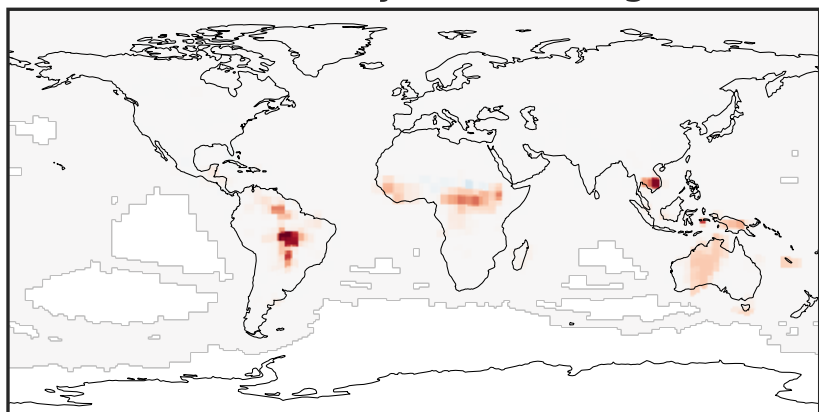
-5 0 5 $1e-12$
kg/m²/s

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



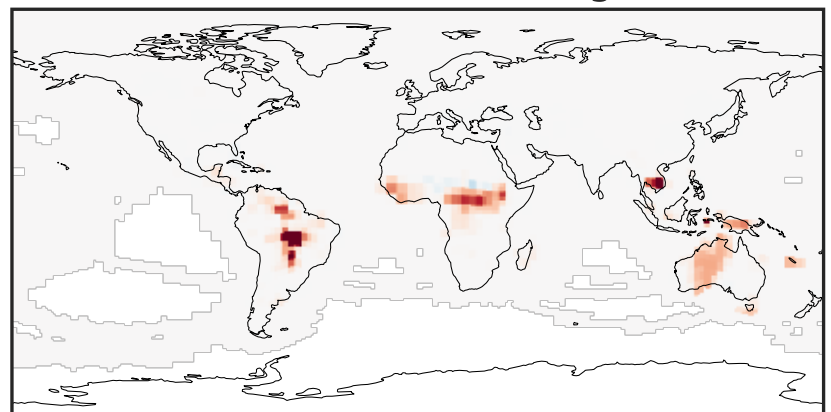
-1 0 1 $1e-15$
kg/m²/s

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



0.374 0.687 1.000 1.836 2.672
unitless

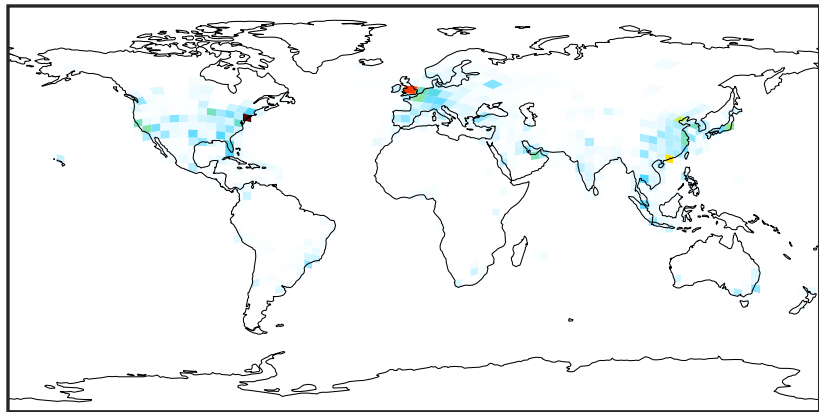
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

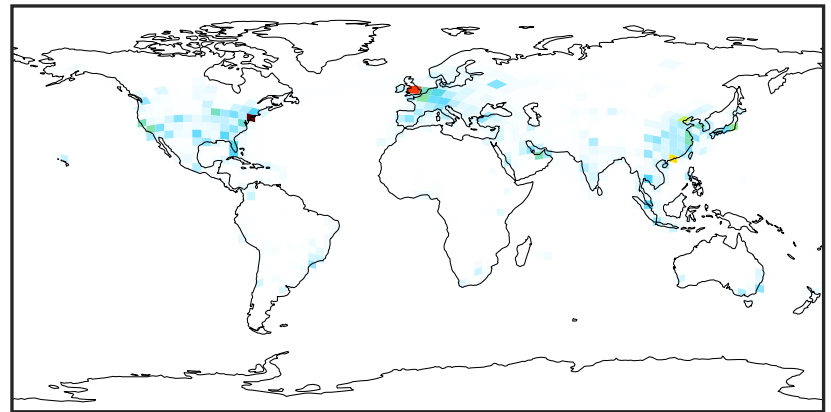
EmisPRPE_Aircraft (Jan2019)

GCHP_14.0.0 (Ref)
c24



0.0 0.6 1.2 1.8 $1e-13$
kg/m²/s

GCHP_14.2.0 (Dev)
c24



0.0 0.6 1.2 1.8 $1e-13$
kg/m²/s

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



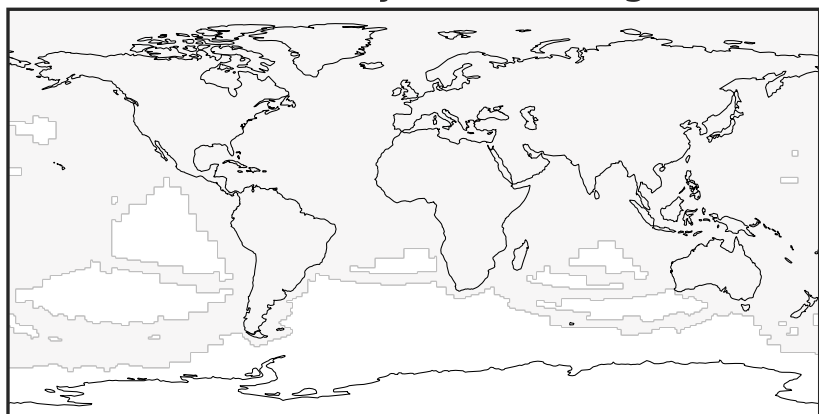
Zero throughout domain
kg/m²/s

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



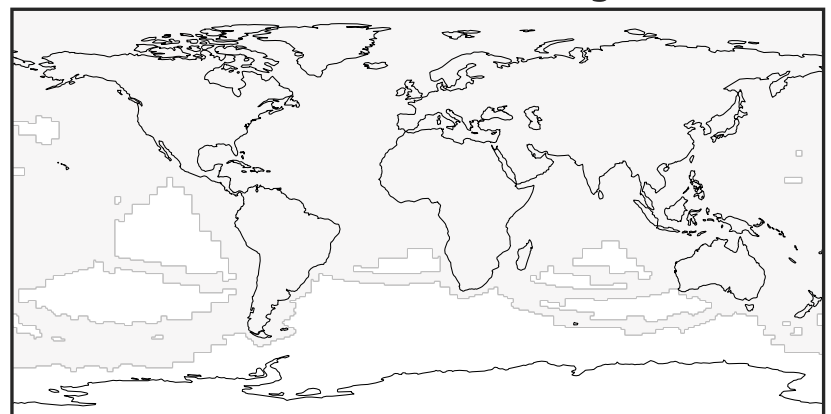
Zero throughout domain
kg/m²/s

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



Ref and Dev equal throughout domain
unitless

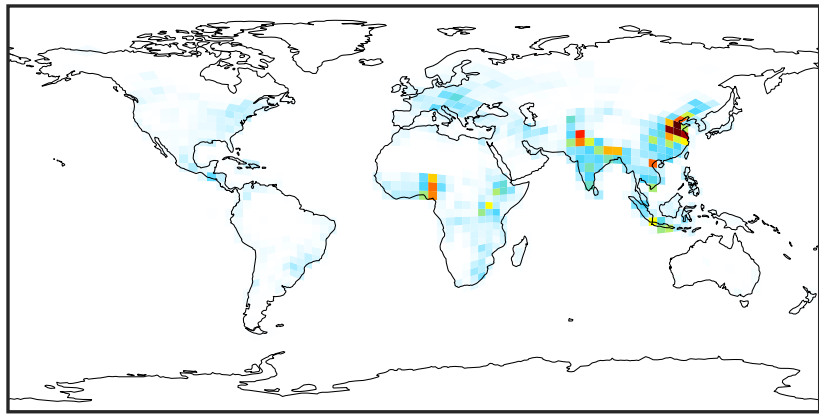
Ratio (1x1.25)
Dev/Ref, Fixed Range



Ref and Dev equal throughout domain
unitless

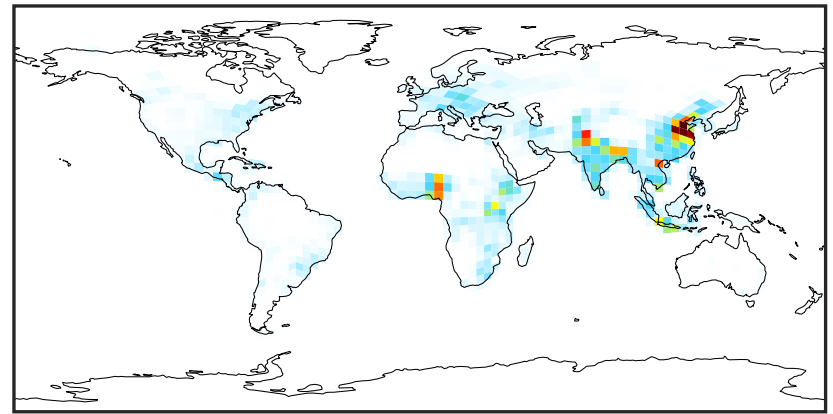
EmisPRPE_Anthro (Jan2019)

GCHP_14.0.0 (Ref)
c24



0.0 0.4 0.8 1.2
kg/m2/s 1e-11

GCHP_14.2.0 (Dev)
c24



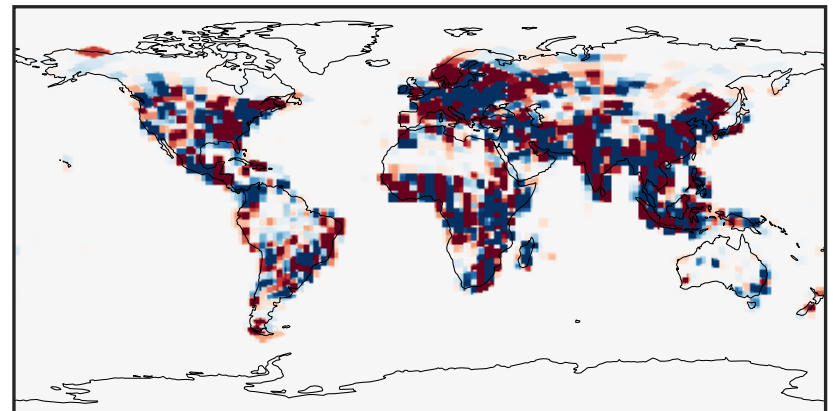
0.0 0.4 0.8 1.2
kg/m2/s 1e-11

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



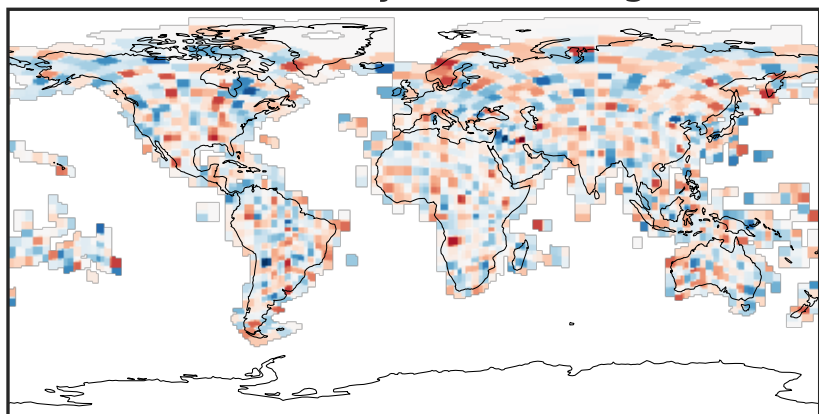
-2 0 2
kg/m2/s 1e-16

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



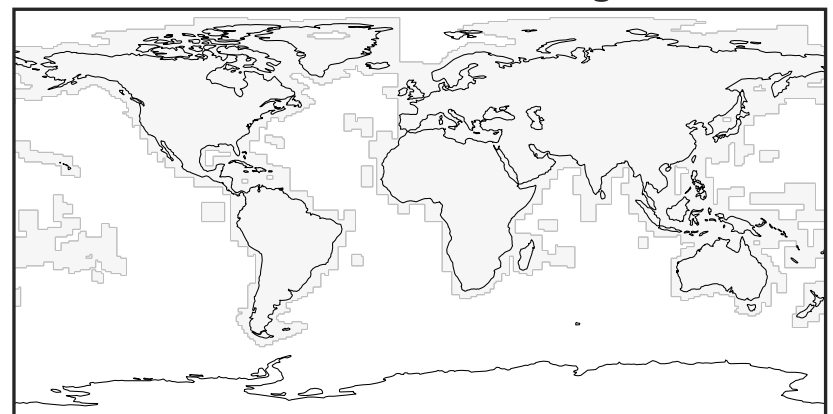
-1.5 0.0 1.5
kg/m2/s 1e-18

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



0.9999345 1.000000 1.0000655
unitless

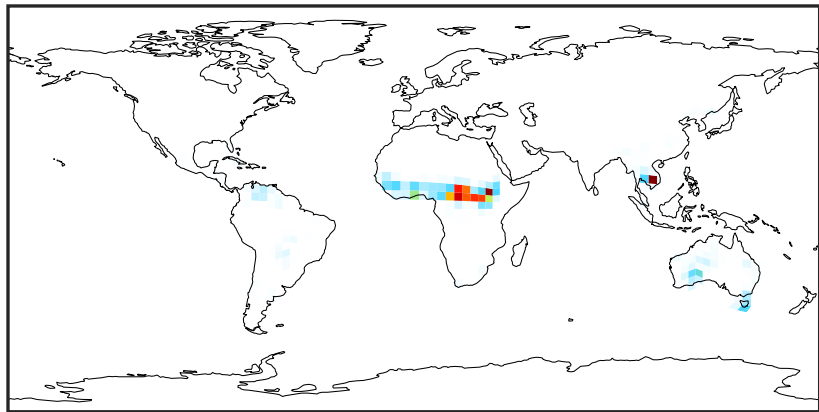
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

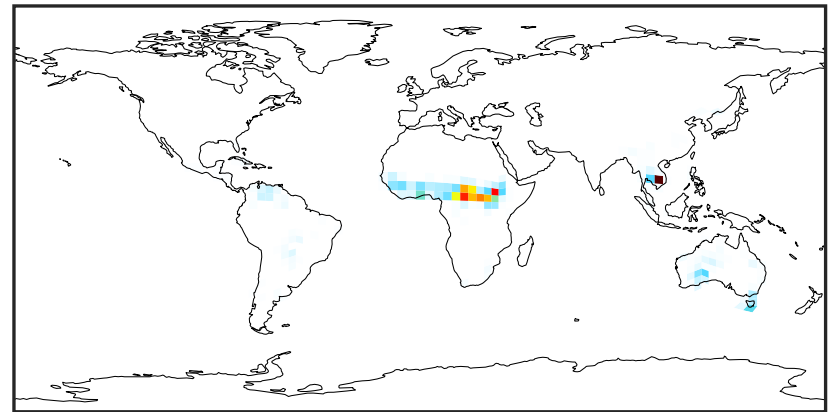
EmisPRPE_BioBurn (Jan2019)

GCHP_14.0.0 (Ref)
c24



0.0 1.5 3.0 $1e-11$
kg/m²/s

GCHP_14.2.0 (Dev)
c24



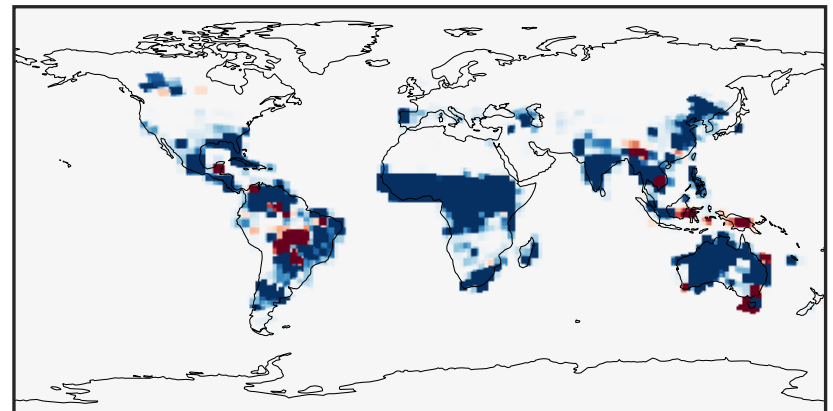
0.0 1.5 3.0 $1e-11$
kg/m²/s

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



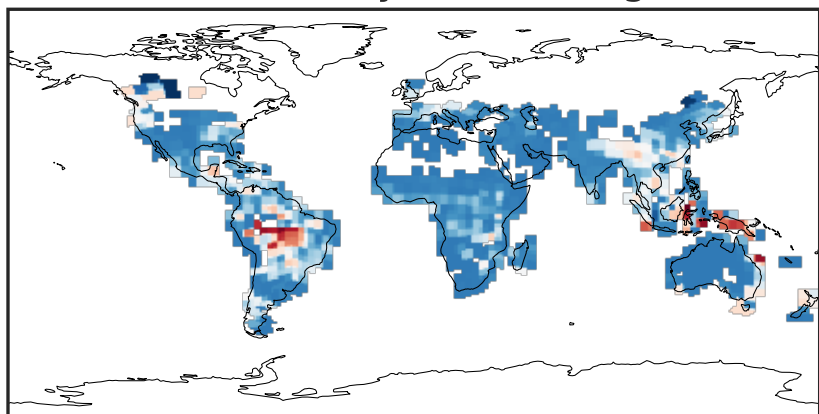
-4 0 4 $1e-12$
kg/m²/s

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



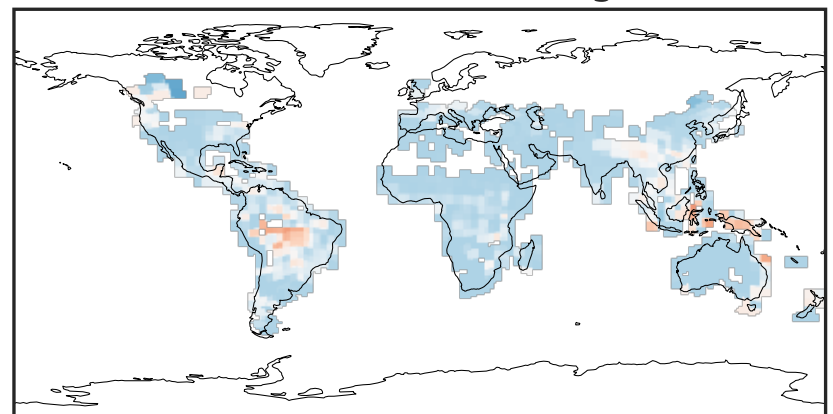
-4 0 4 $1e-15$
kg/m²/s

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



0.7355 0.8677 1.0000 1.1798 1.3596
unitless

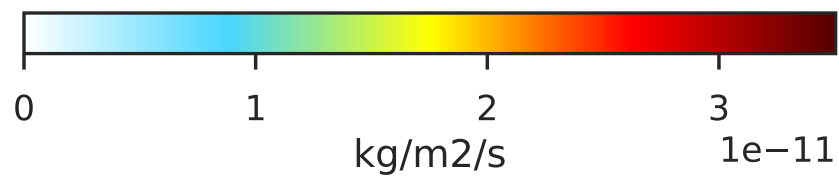
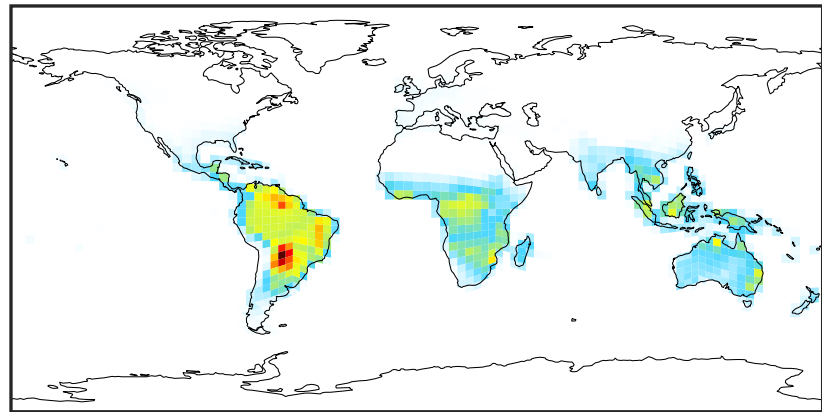
Ratio (1x1.25)
Dev/Ref, Fixed Range



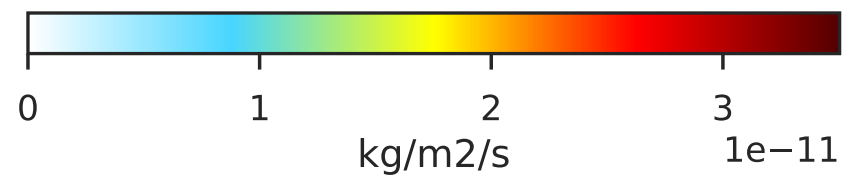
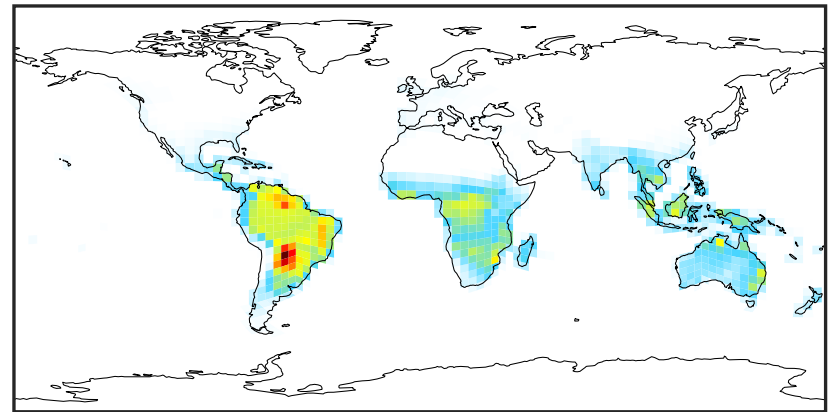
0.50 0.75 1.00 1.50 2.00
unitless

EmisPRPE_Biogenic (Jan2019)

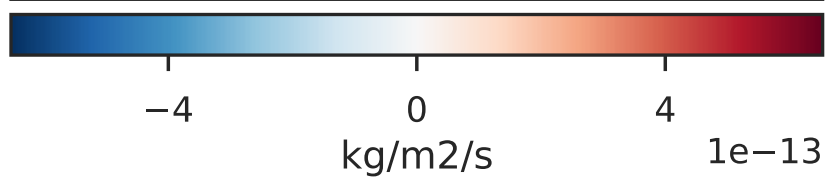
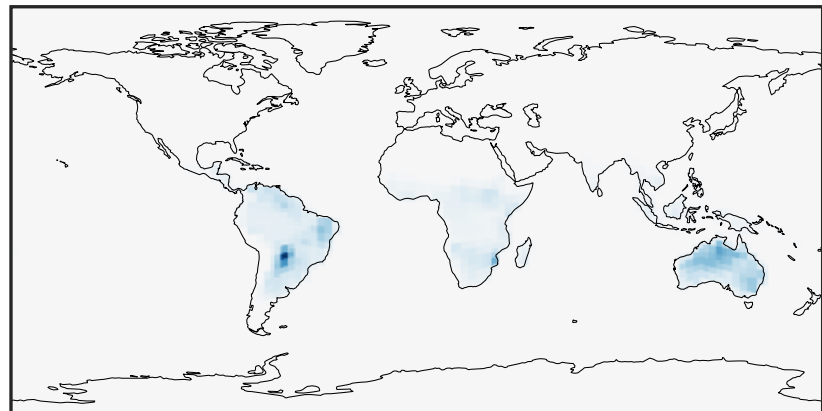
GCHP_14.0.0 (Ref)
c24



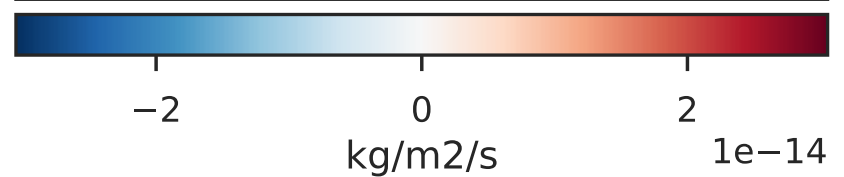
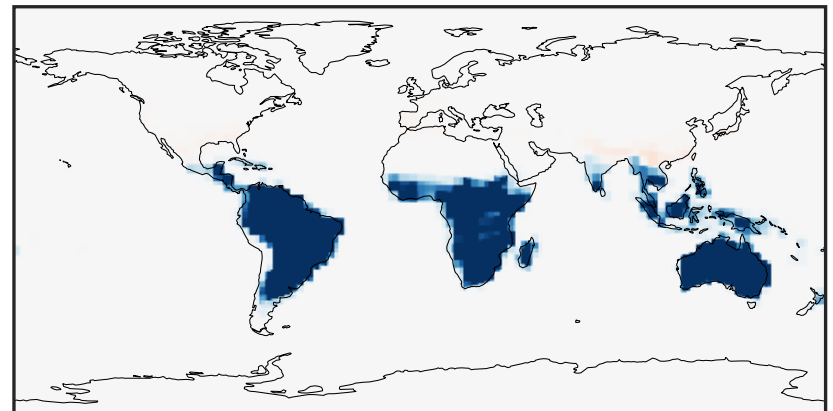
GCHP_14.2.0 (Dev)
c24



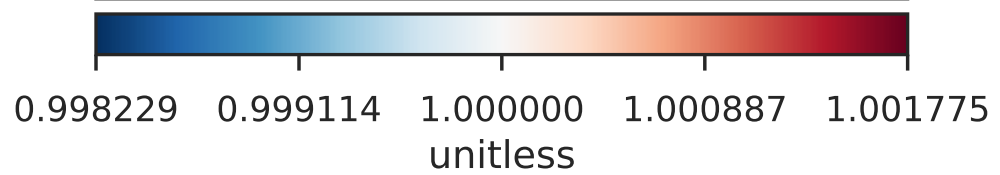
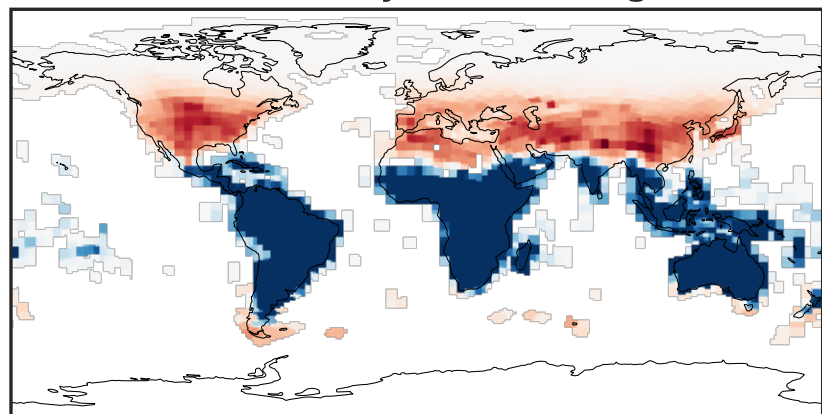
Difference (1x1.25)
Dev - Ref, Dynamic Range



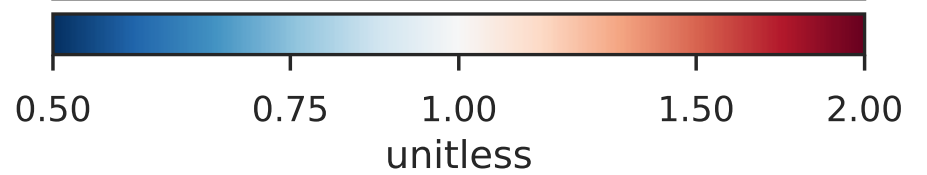
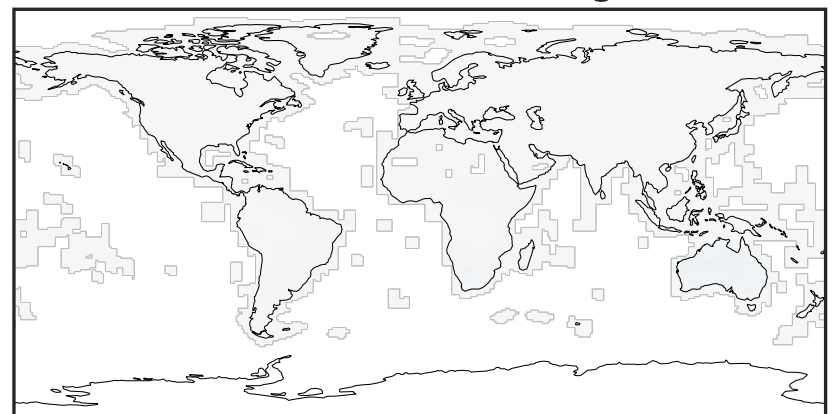
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

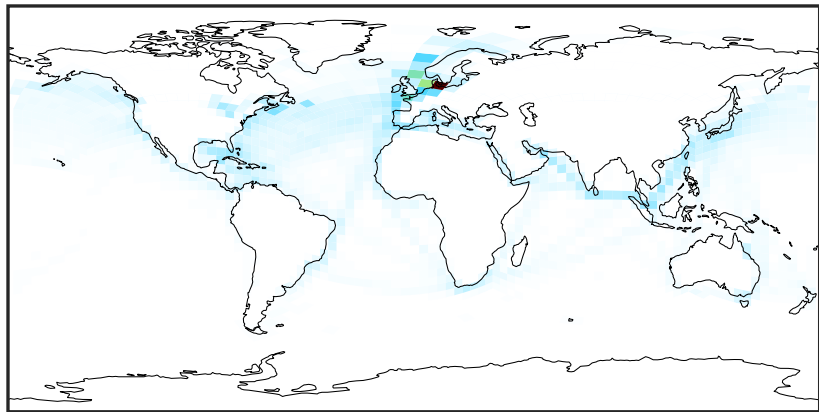


Ratio (1x1.25)
Dev/Ref, Fixed Range



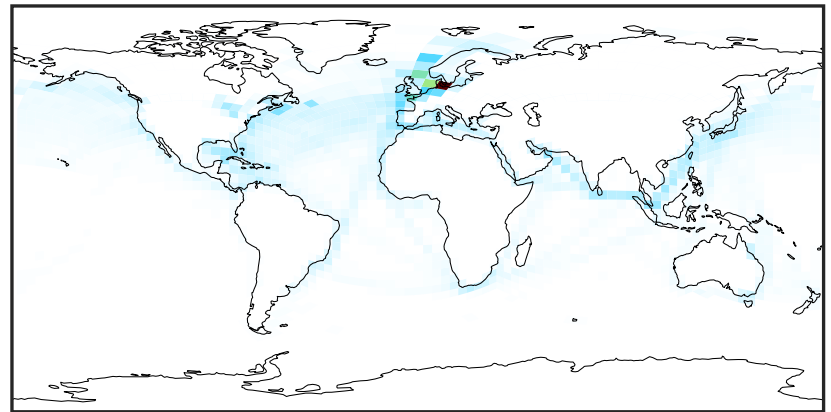
EmisPRPE_Ship (Jan2019)

GCHP_14.0.0 (Ref)
c24



0.0 2.5 5.0 7.5
kg/m²/s 1e-13

GCHP_14.2.0 (Dev)
c24



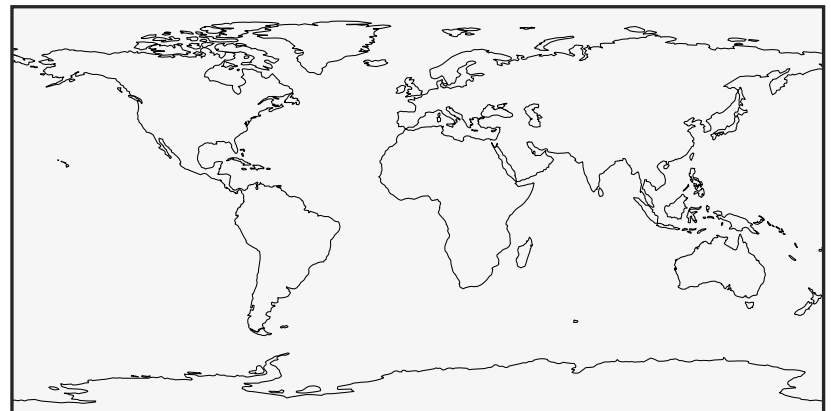
0.0 2.5 5.0 7.5
kg/m²/s 1e-13

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



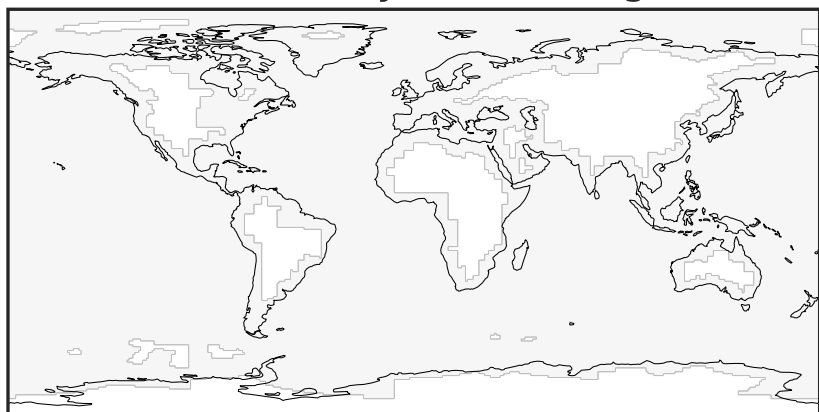
Zero throughout domain
kg/m²/s

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



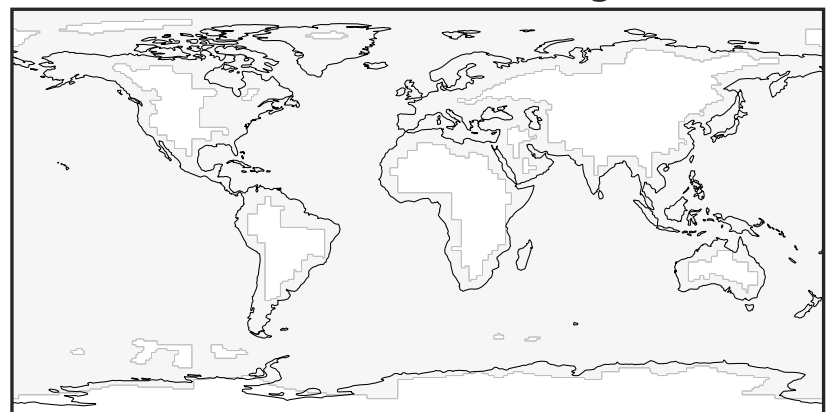
Zero throughout domain
kg/m²/s

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



Ref and Dev equal throughout domain
unitless

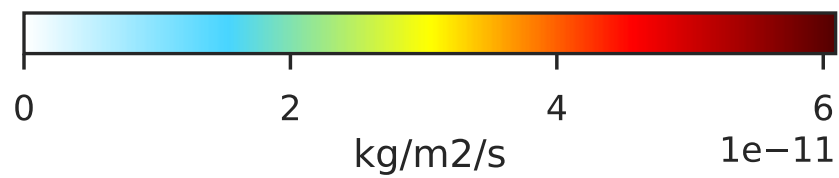
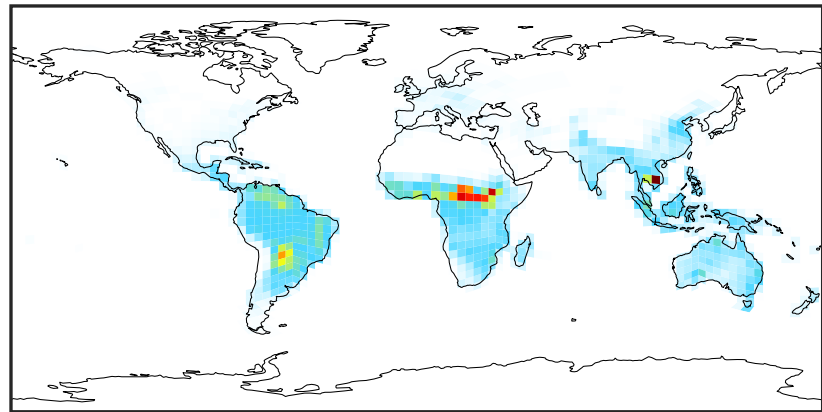
Ratio (1x1.25)
Dev/Ref, Fixed Range



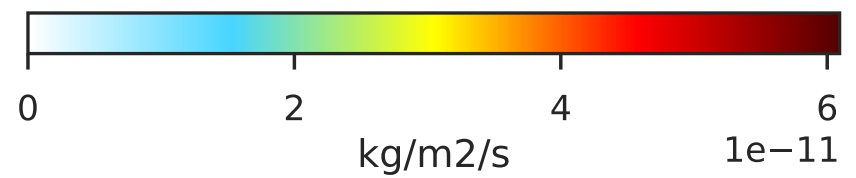
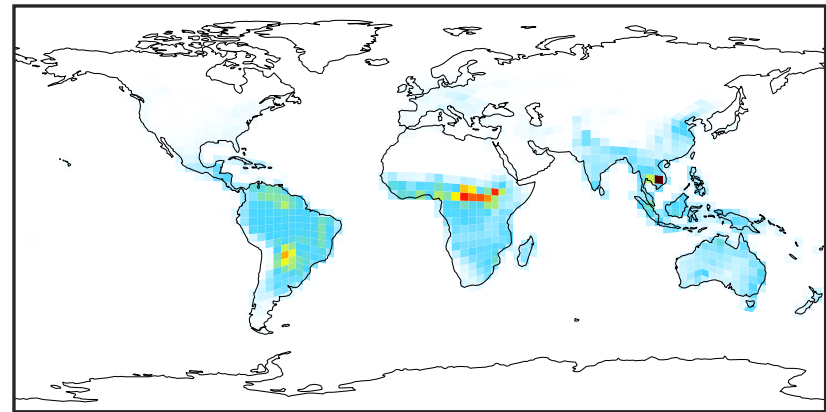
Ref and Dev equal throughout domain
unitless

EmisPRPE_Total (Jan2019)

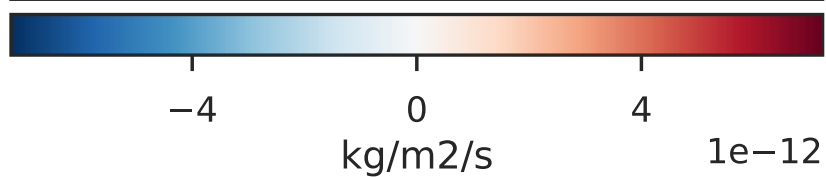
GCHP_14.0.0 (Ref)
c24



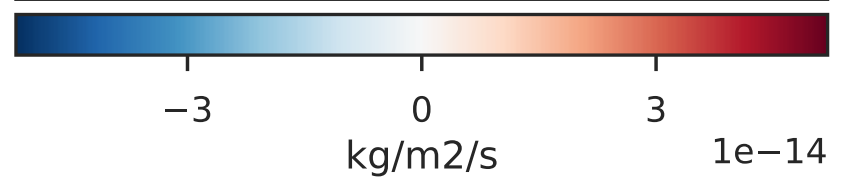
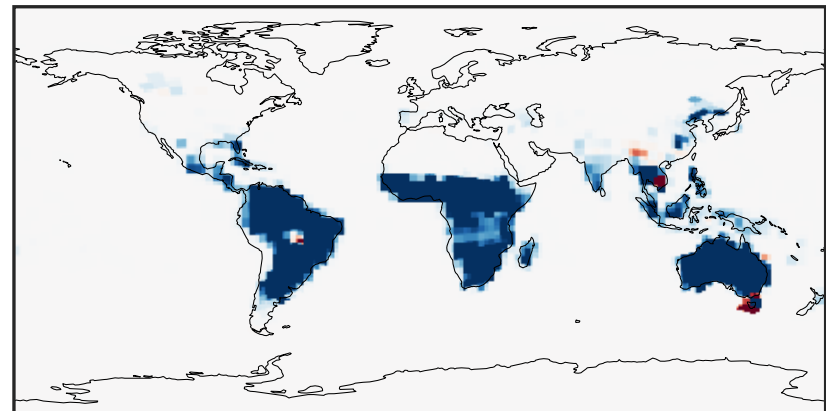
GCHP_14.2.0 (Dev)
c24



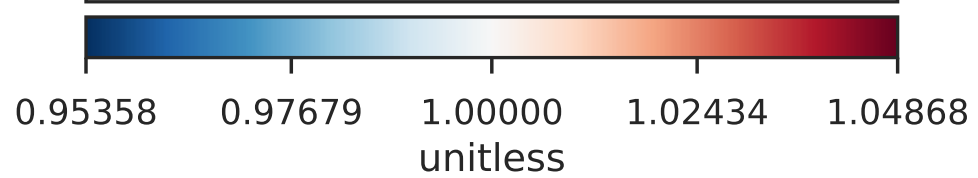
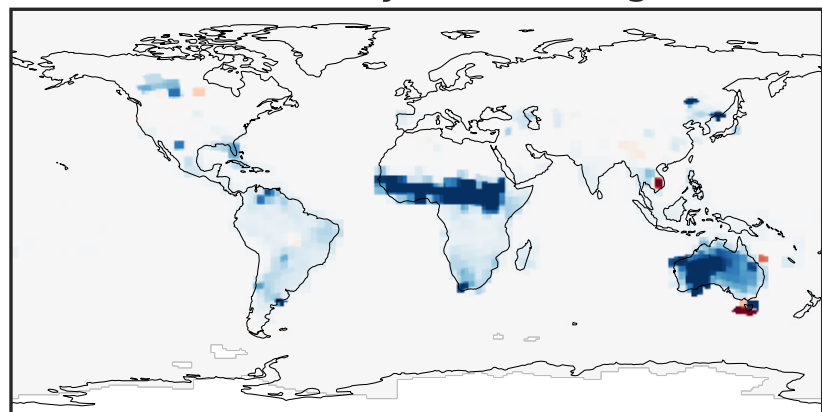
Difference (1x1.25)
Dev - Ref, Dynamic Range



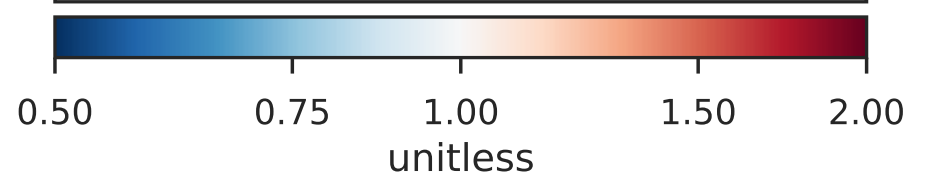
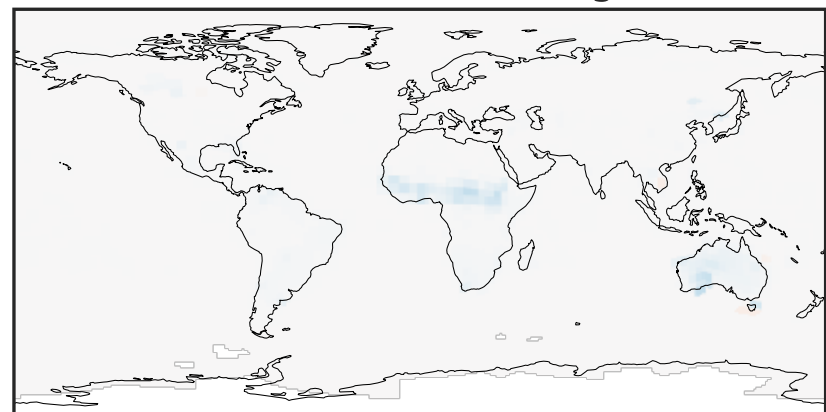
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

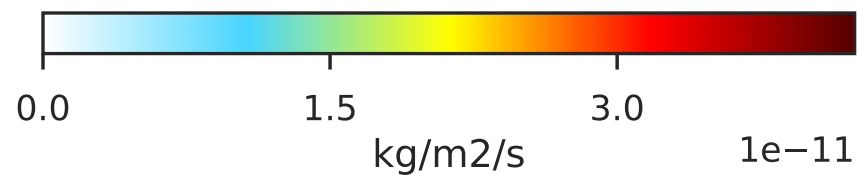
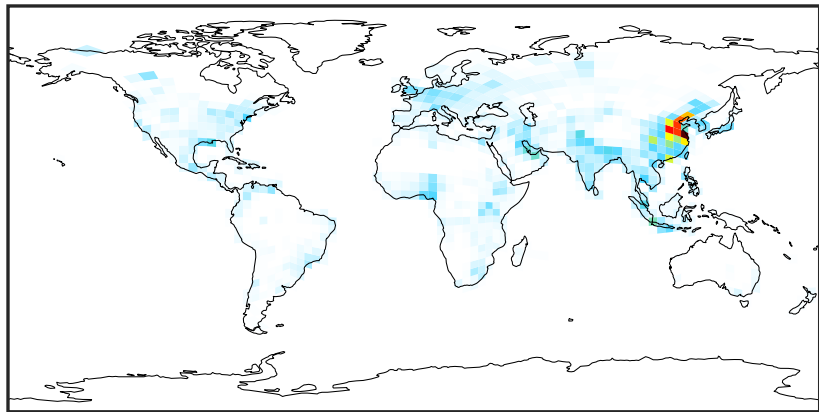


Ratio (1x1.25)
Dev/Ref, Fixed Range

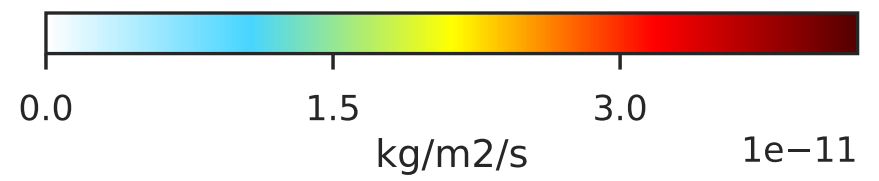
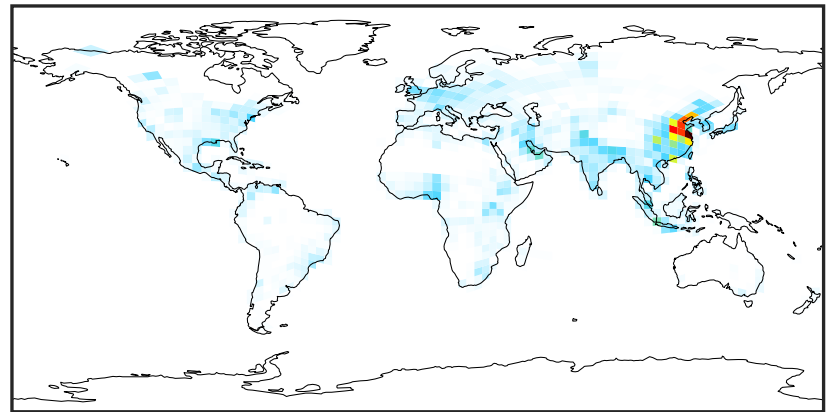


EmisTOLU_Anthro (Jan2019)

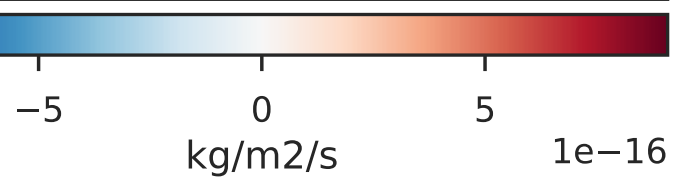
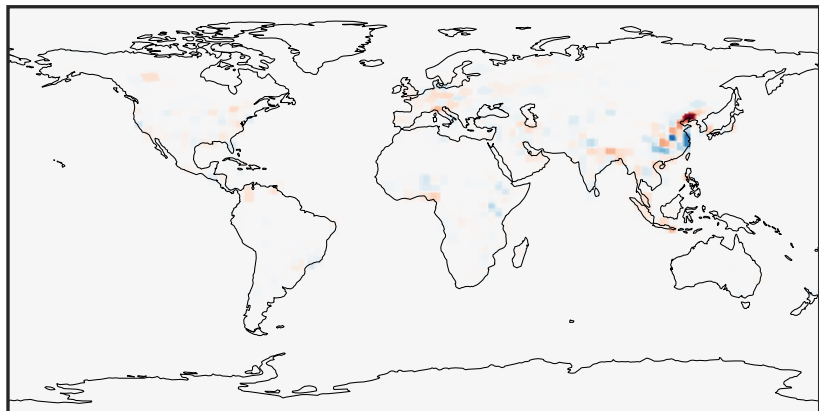
GCHP_14.0.0 (Ref)
c24



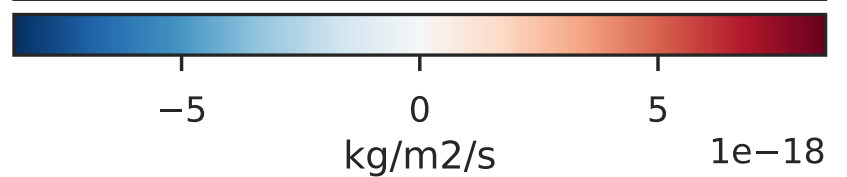
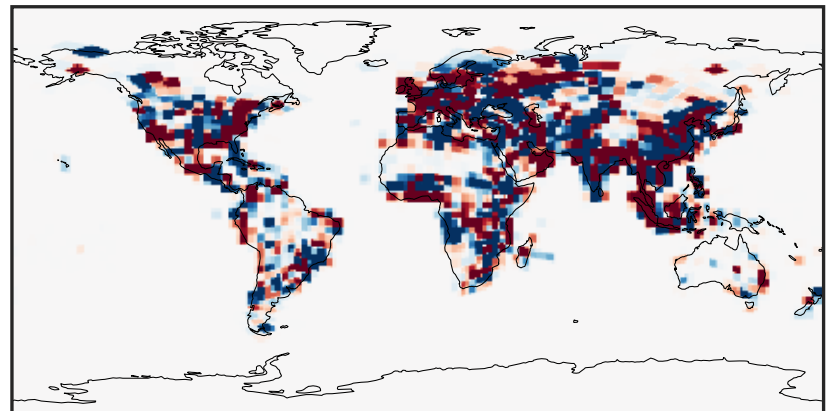
GCHP_14.2.0 (Dev)
c24



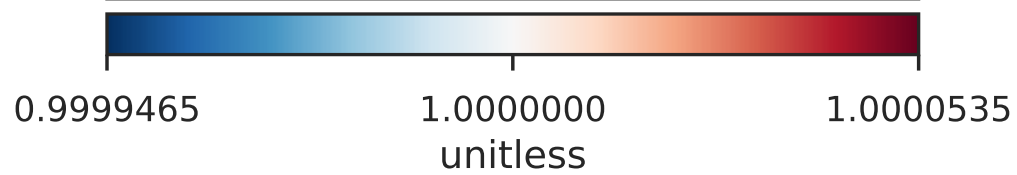
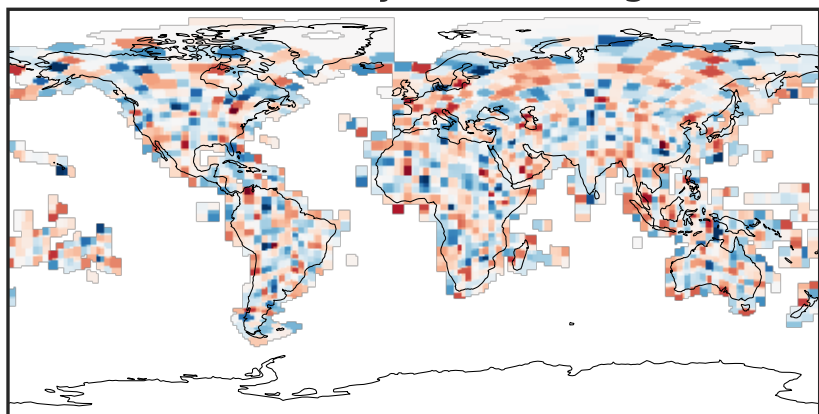
Difference (1x1.25)
Dev - Ref, Dynamic Range



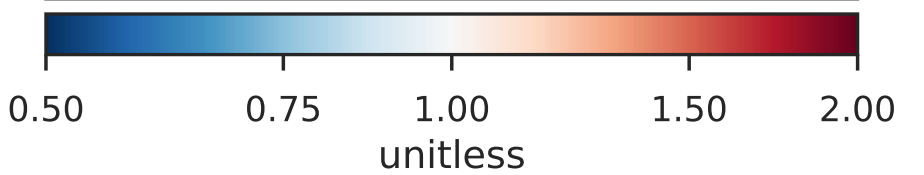
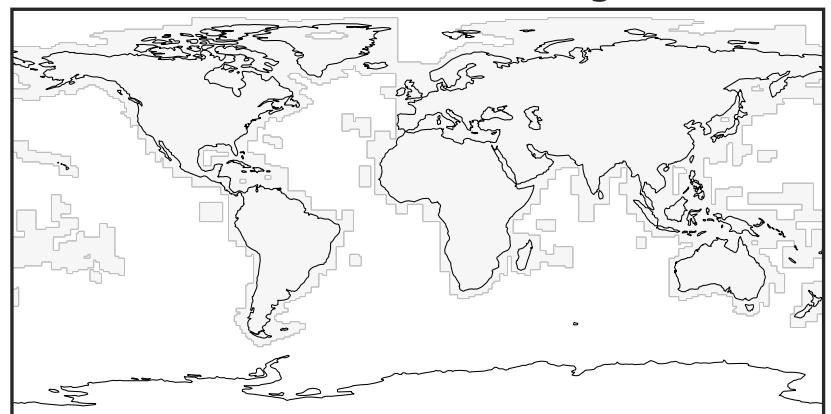
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

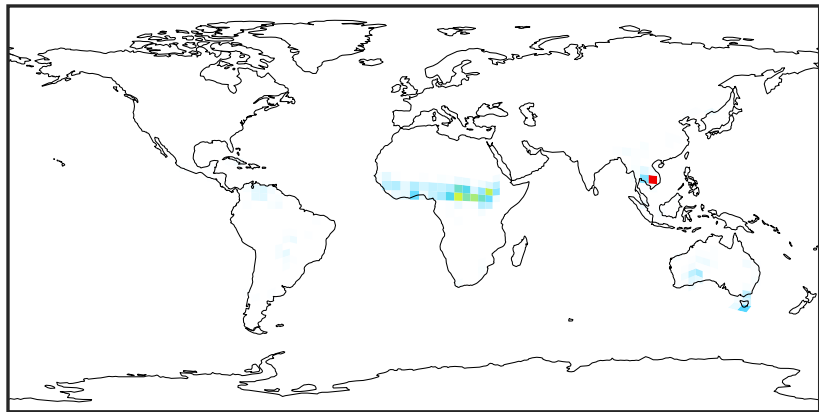


Ratio (1x1.25)
Dev/Ref, Fixed Range



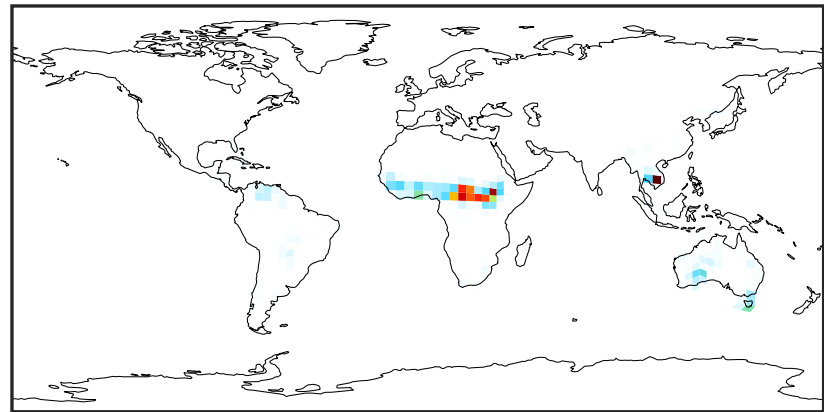
EmisTOLU_BioBurn (Jan2019)

GCHP_14.0.0 (Ref)
c24



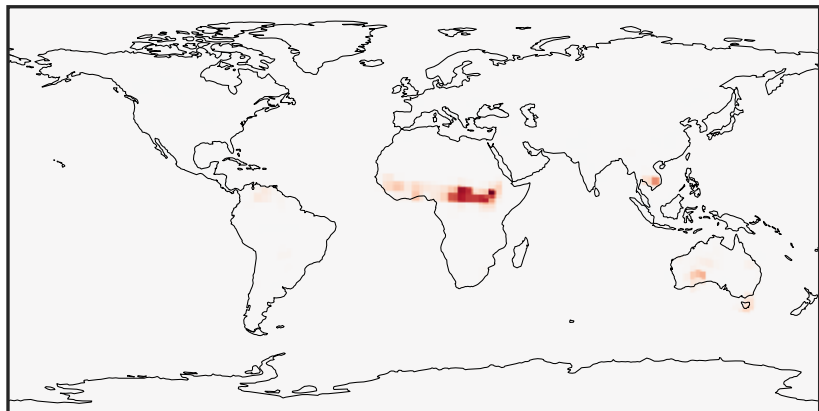
0.0 2.5 5.0 7.5
kg/m²/s 1e-12

GCHP_14.2.0 (Dev)
c24



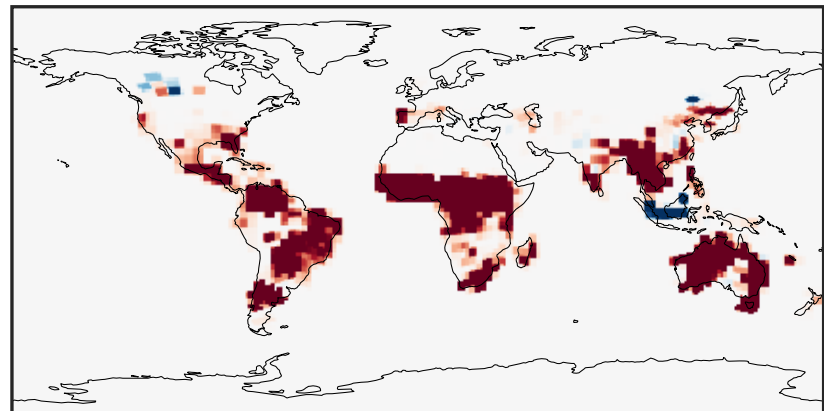
0.0 2.5 5.0 7.5
kg/m²/s 1e-12

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



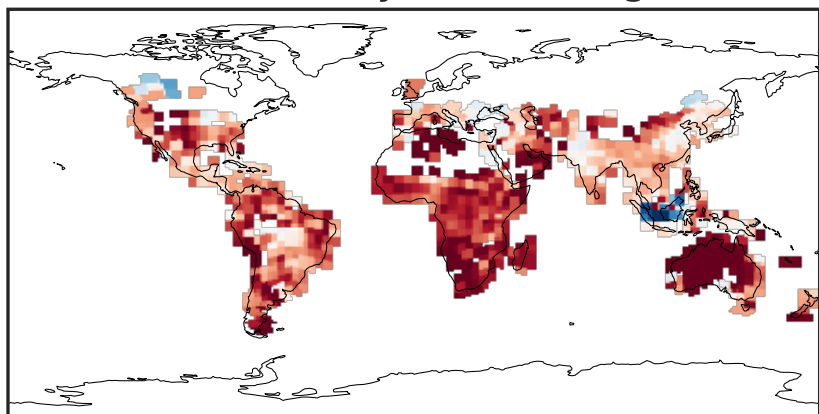
-2.5 0.0 2.5
kg/m²/s 1e-12

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



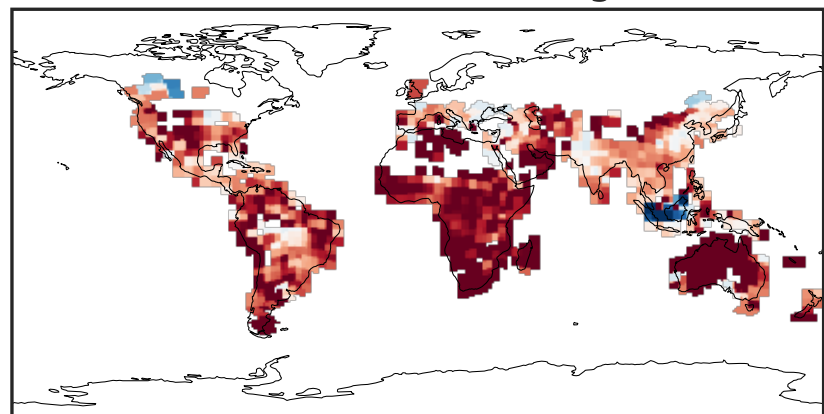
-2.5 0.0 2.5
kg/m²/s 1e-15

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



0.421 0.711 1.000 1.688 2.375
unitless

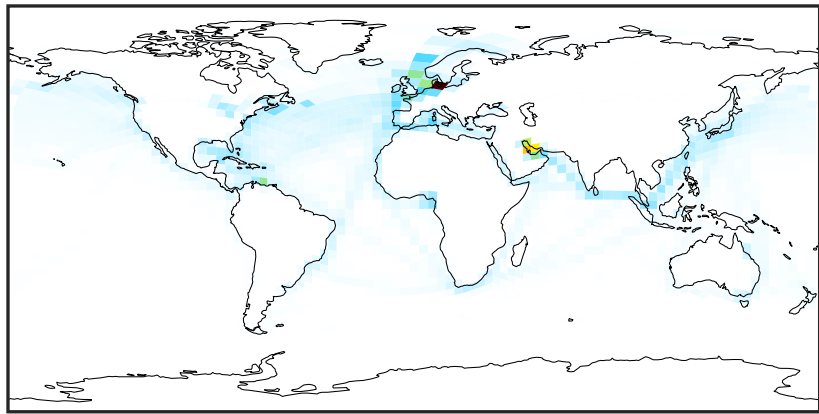
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

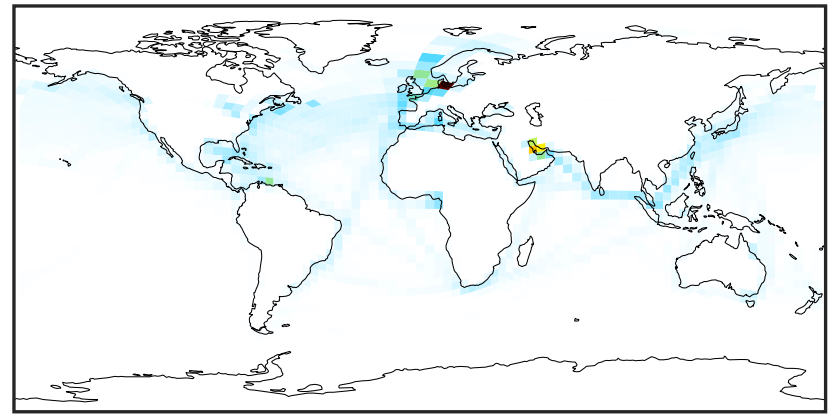
EmisTOLU_Ship (Jan2019)

GCHP_14.0.0 (Ref)
c24



0.0 0.6 1.2 1.8
kg/m²/s 1e-13

GCHP_14.2.0 (Dev)
c24



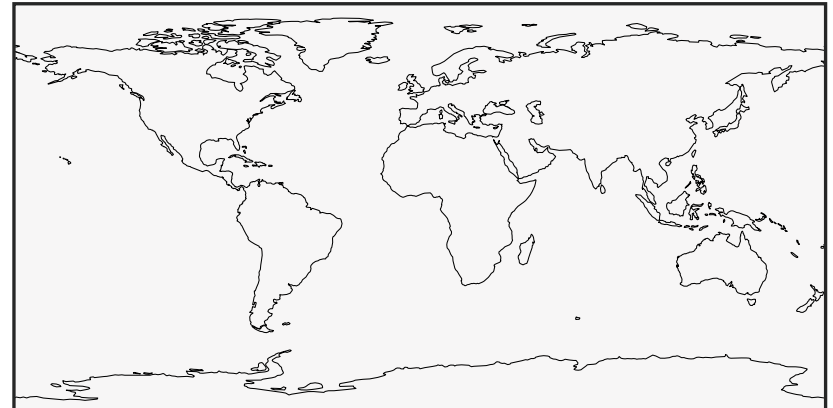
0.0 0.6 1.2 1.8
kg/m²/s 1e-13

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



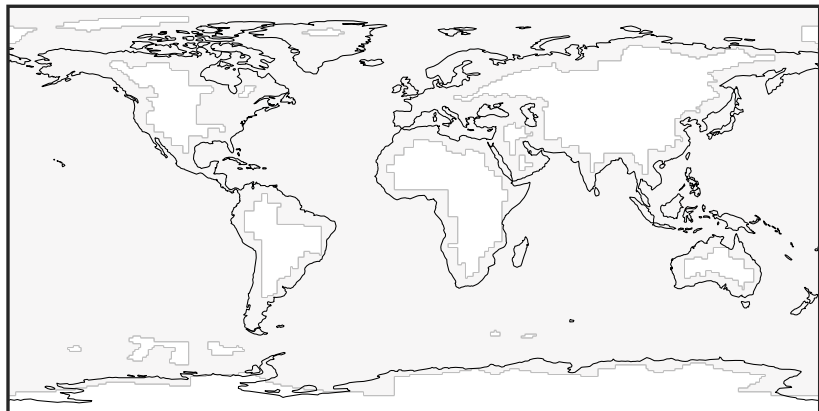
Zero throughout domain
kg/m²/s

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



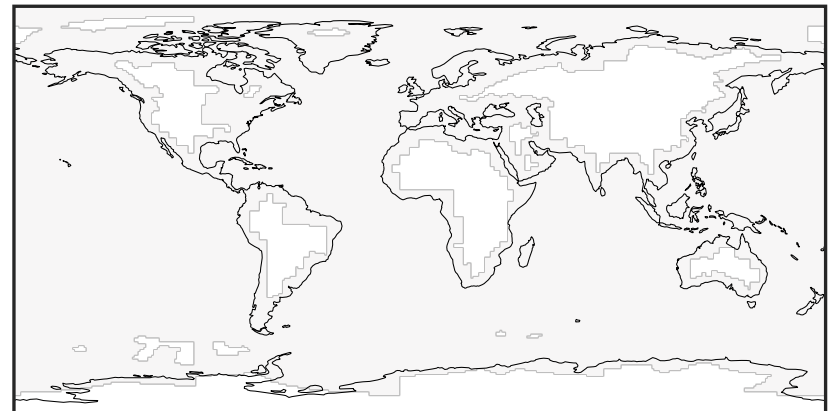
Zero throughout domain
kg/m²/s

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



Ref and Dev equal throughout domain
unitless

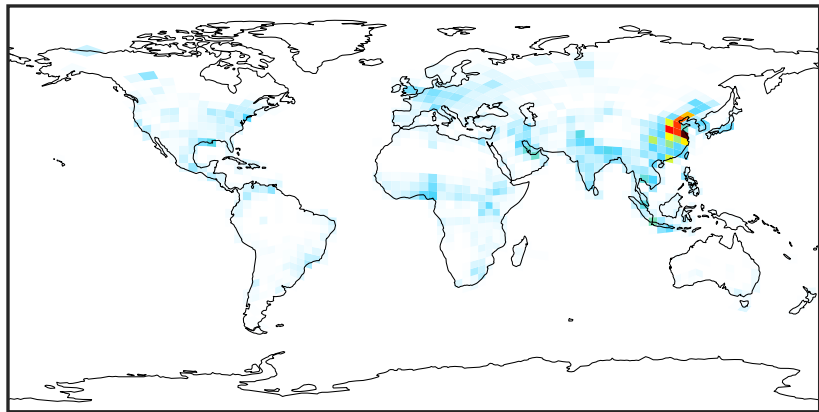
Ratio (1x1.25)
Dev/Ref, Fixed Range



Ref and Dev equal throughout domain
unitless

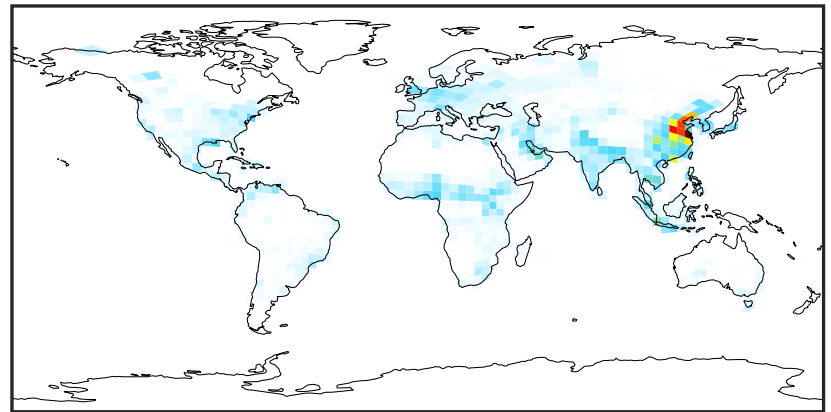
EmisTOLU_Total (Jan2019)

GCHP_14.0.0 (Ref)
c24



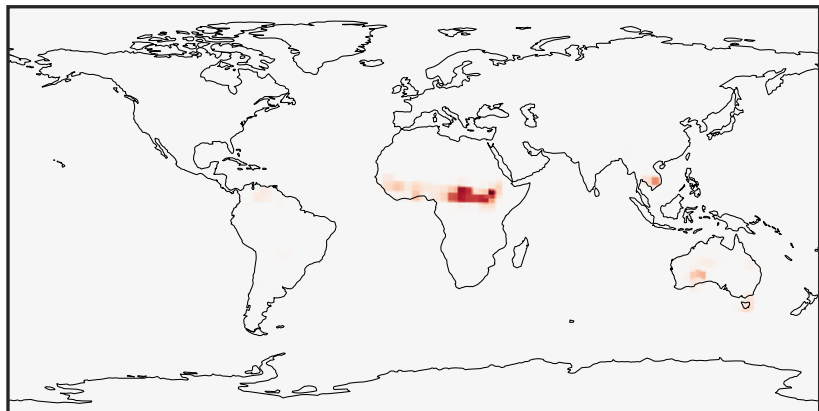
0.0 1.5 3.0 $1e-11$
kg/m²/s

GCHP_14.2.0 (Dev)
c24



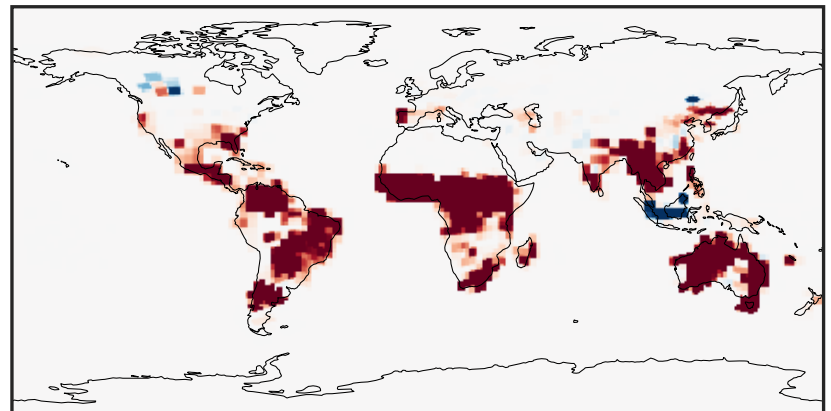
0.0 1.5 3.0 $1e-11$
kg/m²/s

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



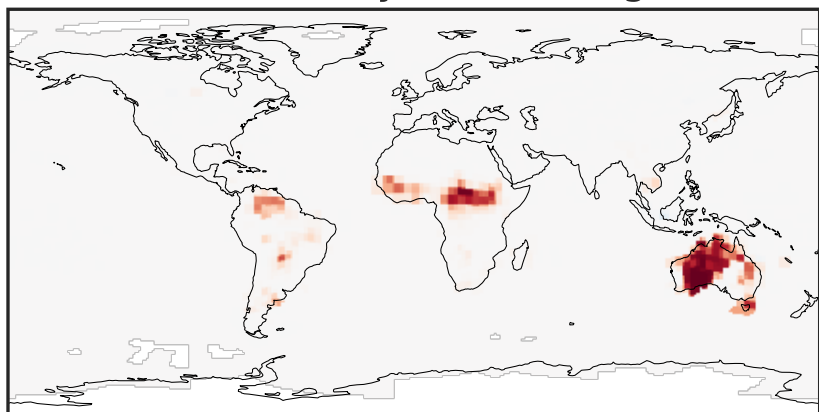
-2.5 0.0 2.5 $1e-12$
kg/m²/s

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



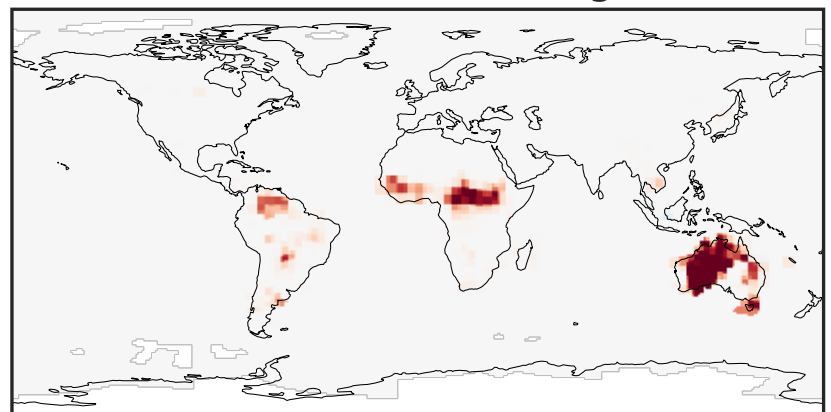
-2.5 0.0 2.5 $1e-15$
kg/m²/s

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



0.421 0.711 1.000 1.686 2.373
unitless

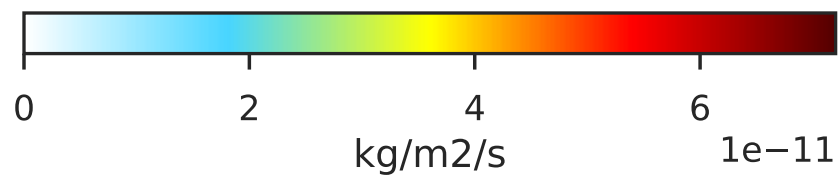
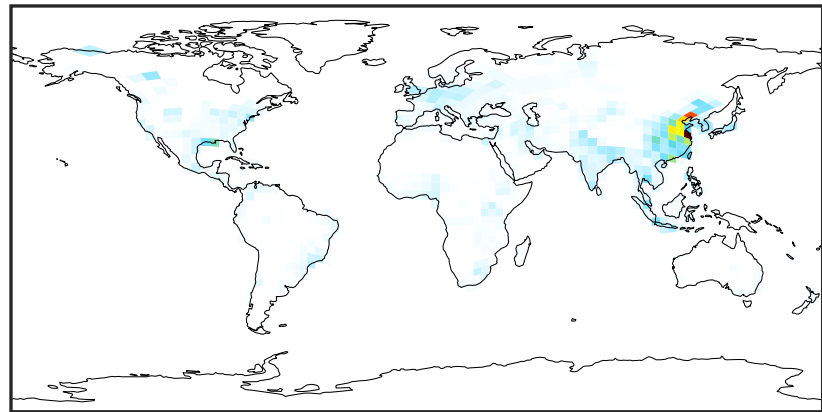
Ratio (1x1.25)
Dev/Ref, Fixed Range



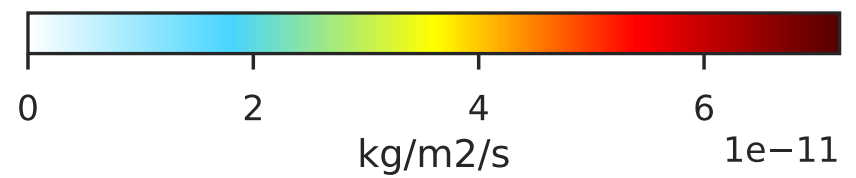
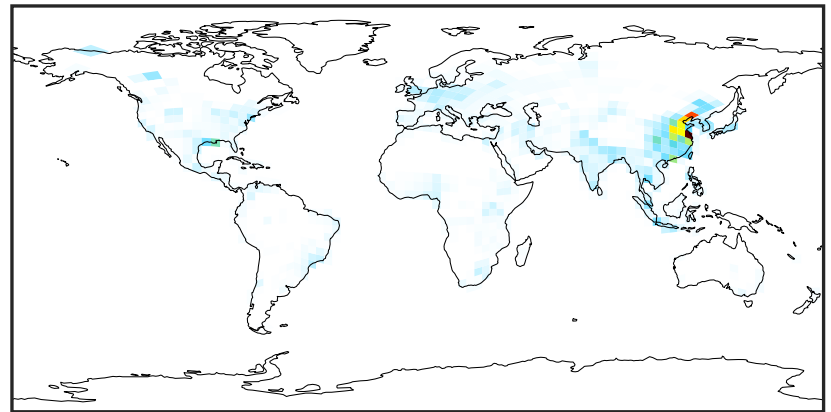
0.50 0.75 1.00 1.50 2.00
unitless

EmisXYLE_Anthro (Jan2019)

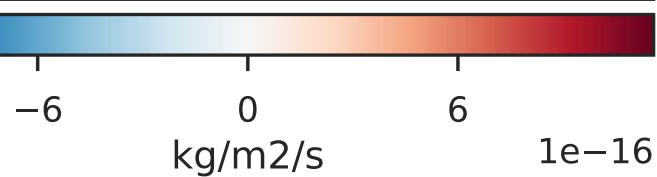
GCHP_14.0.0 (Ref)
c24



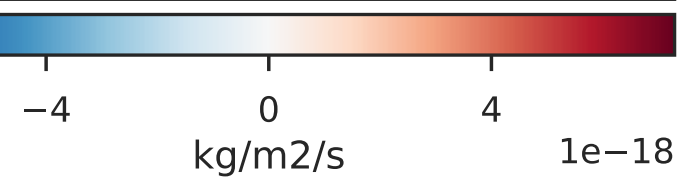
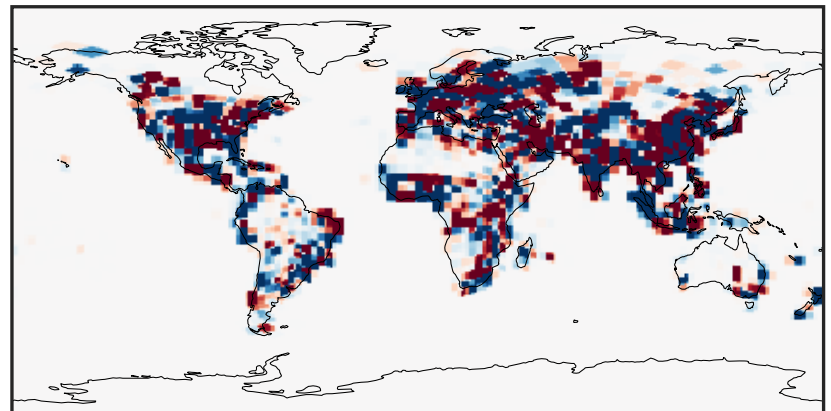
GCHP_14.2.0 (Dev)
c24



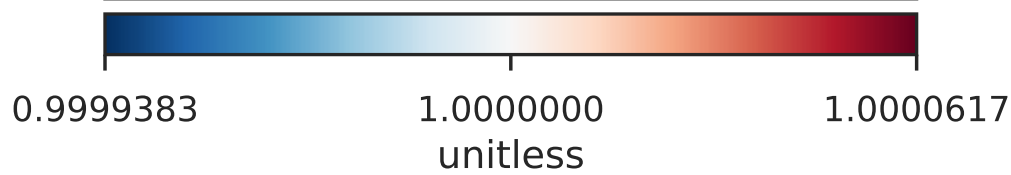
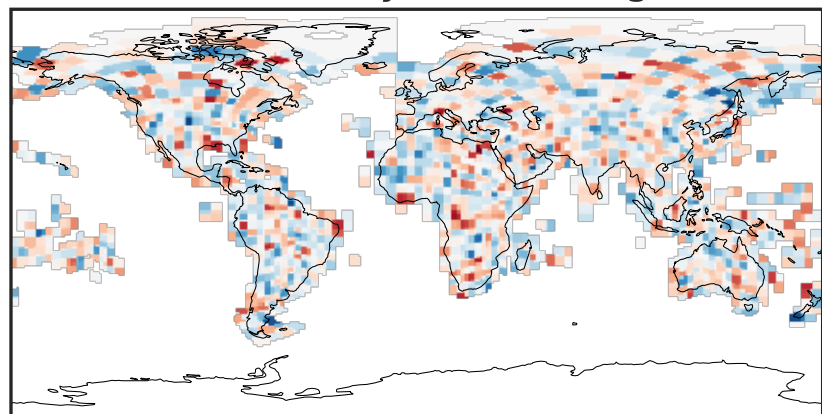
Difference (1x1.25)
Dev - Ref, Dynamic Range



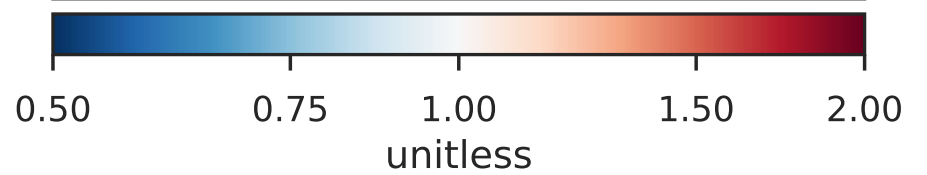
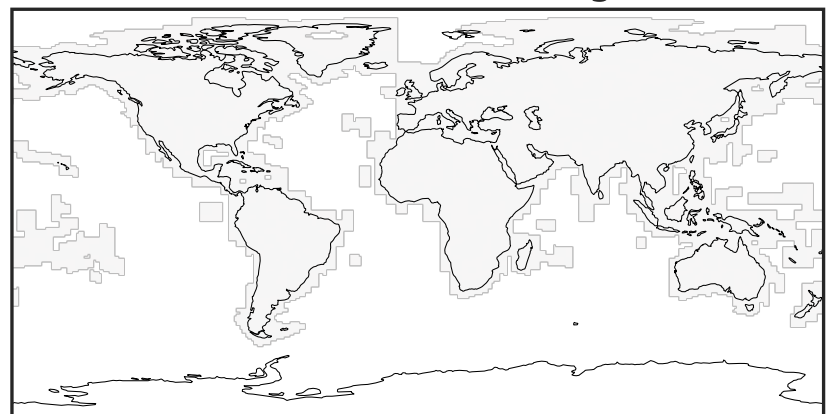
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

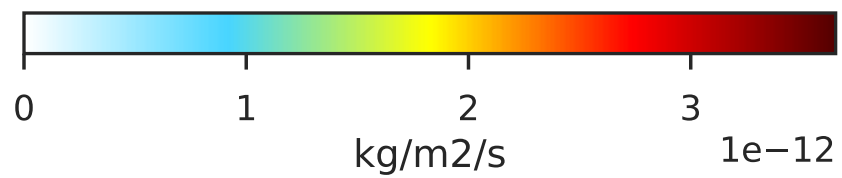
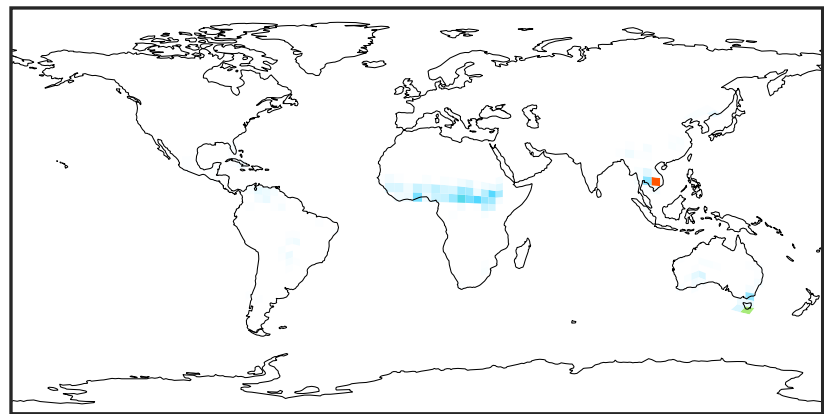


Ratio (1x1.25)
Dev/Ref, Fixed Range

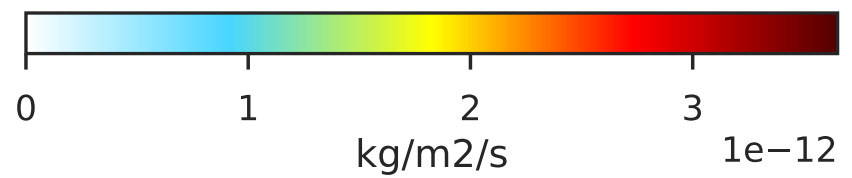
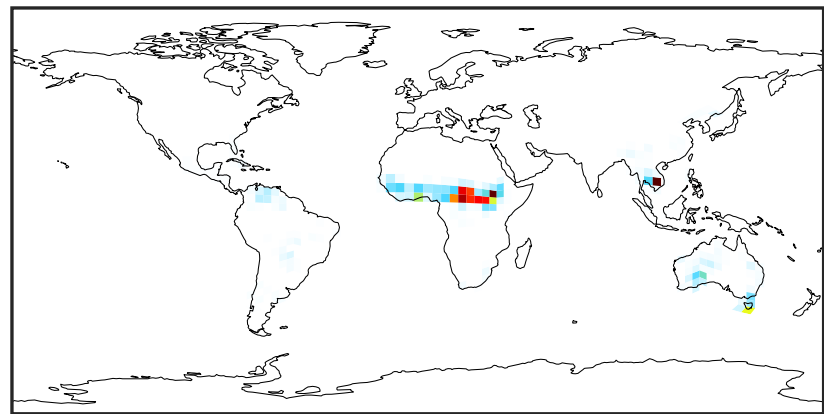


EmisXYLE_BioBurn (Jan2019)

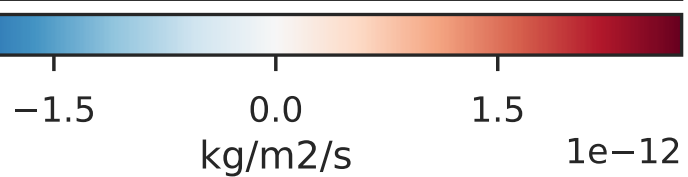
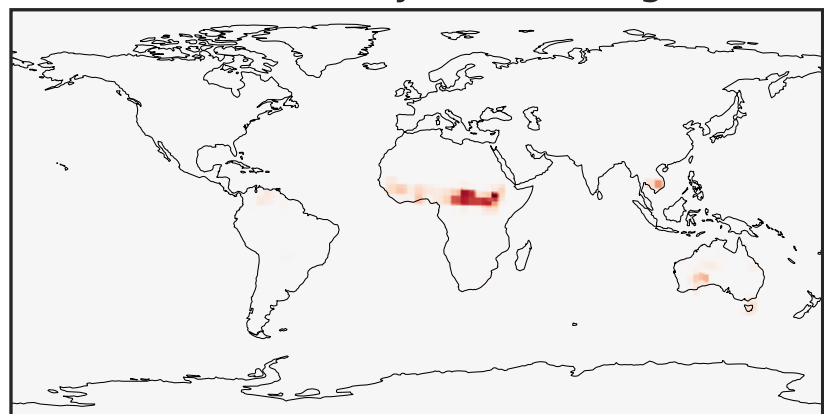
GCHP_14.0.0 (Ref)
c24



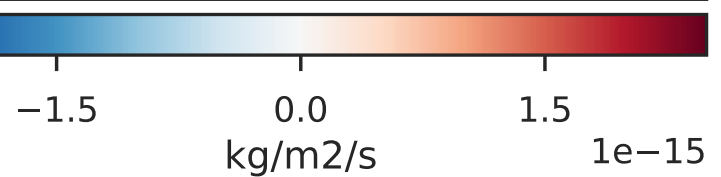
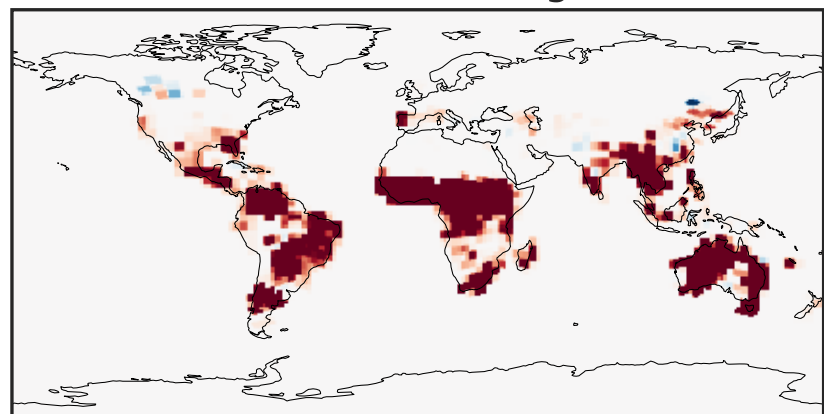
GCHP_14.2.0 (Dev)
c24



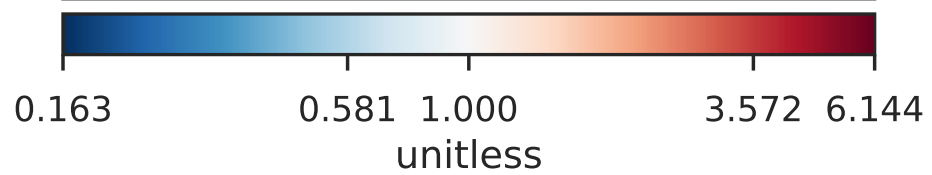
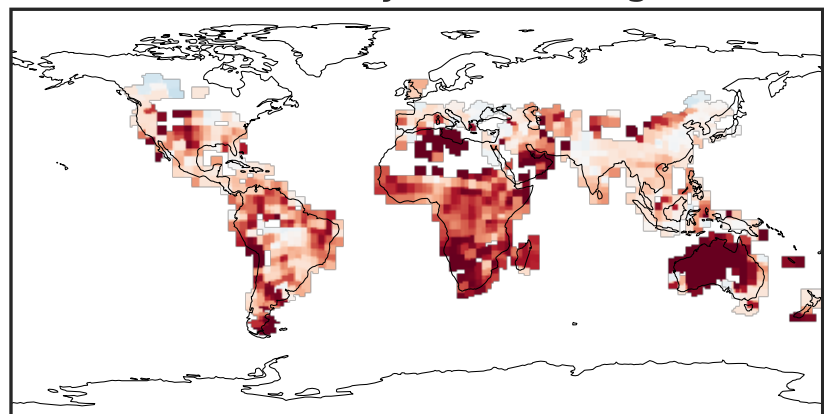
Difference (1x1.25)
Dev - Ref, Dynamic Range



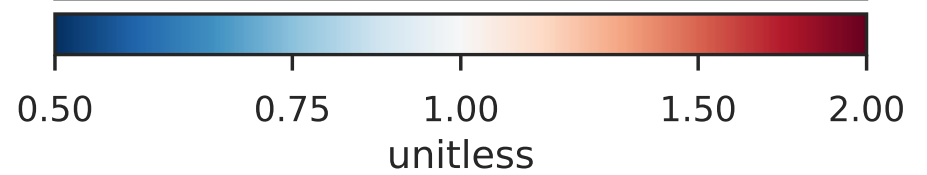
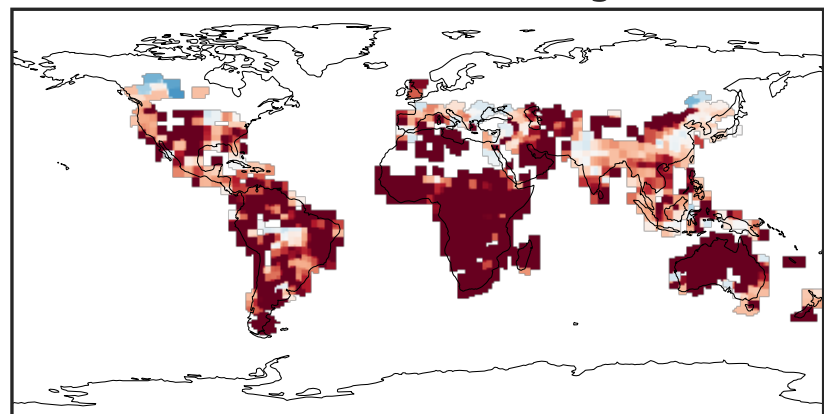
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

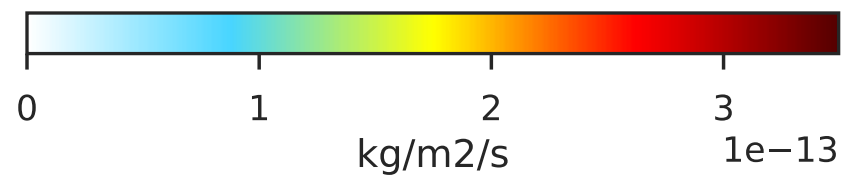
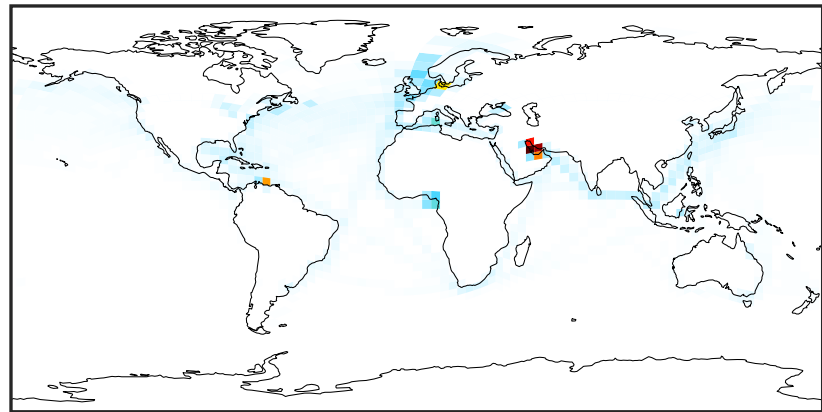


Ratio (1x1.25)
Dev/Ref, Fixed Range

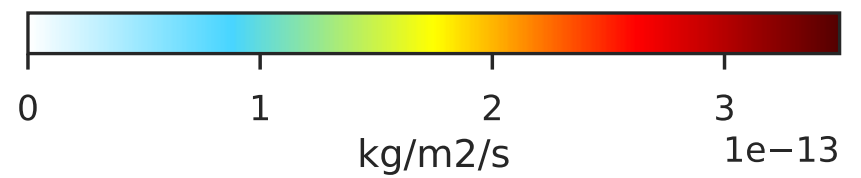
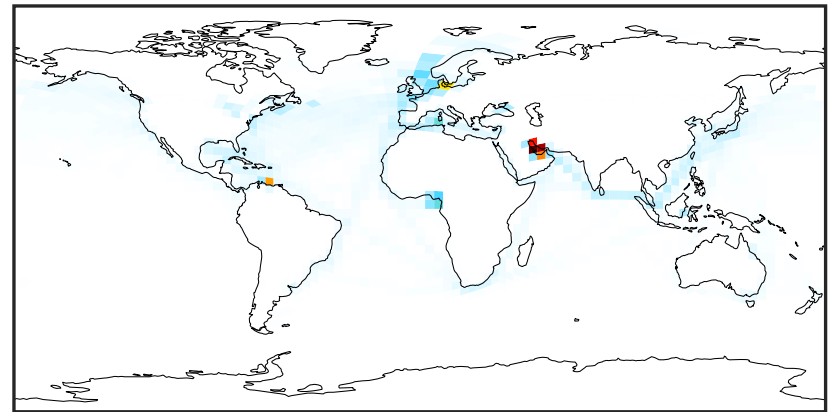


EmisXYLE_Ship (Jan2019)

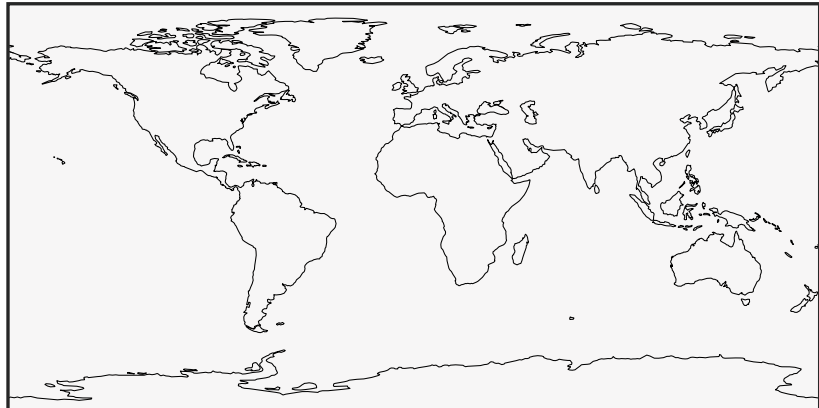
GCHP_14.0.0 (Ref)
c24



GCHP_14.2.0 (Dev)
c24

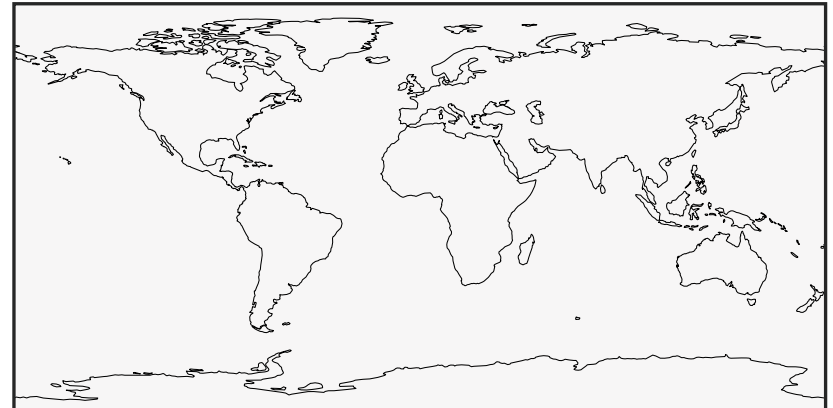


Difference (1x1.25)
Dev - Ref, Dynamic Range



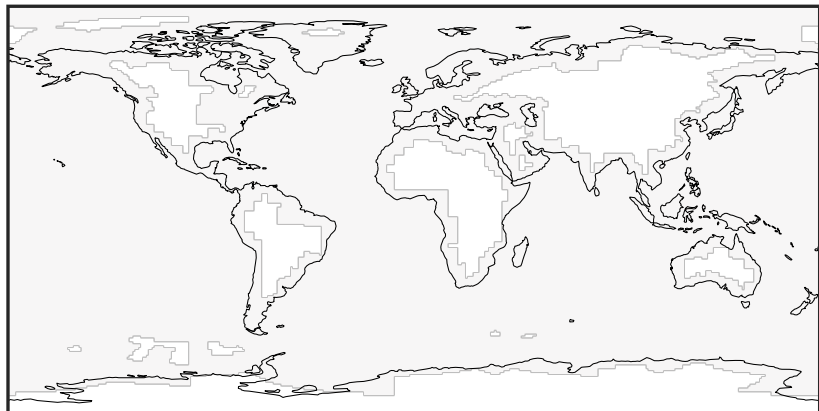
Zero throughout domain
kg/m²/s

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



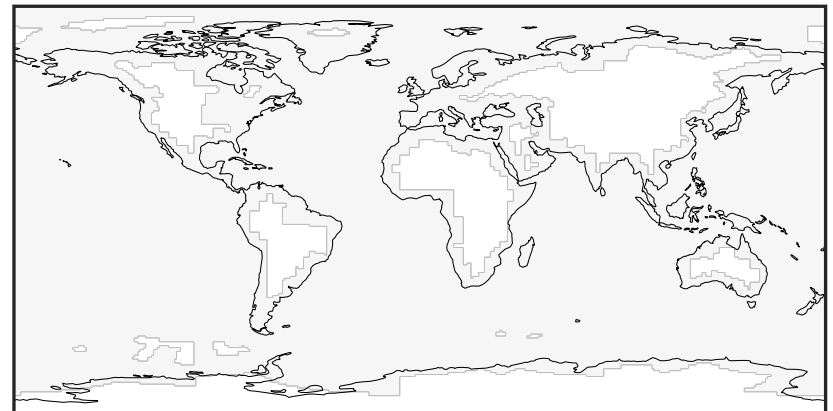
Zero throughout domain
kg/m²/s

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



Ref and Dev equal throughout domain
unitless

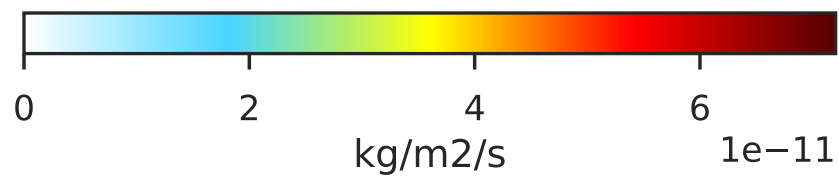
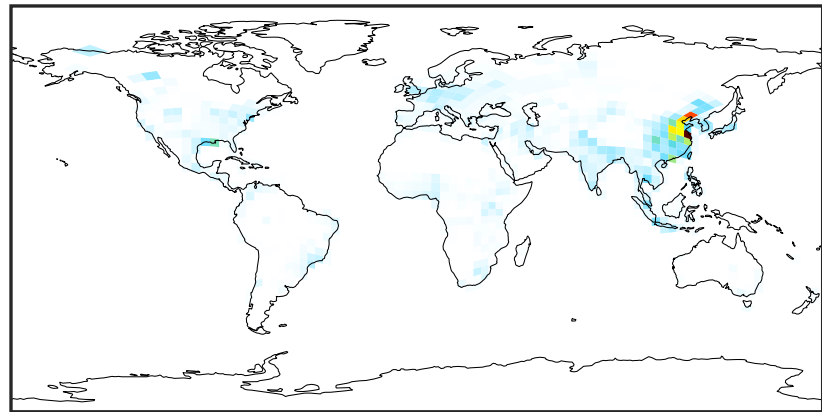
Ratio (1x1.25)
Dev/Ref, Fixed Range



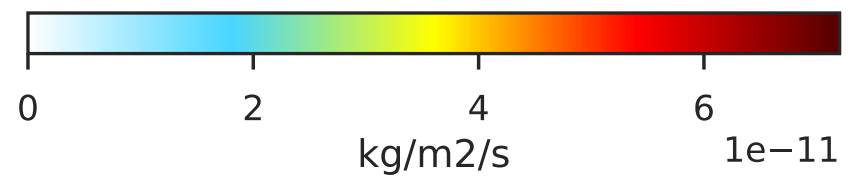
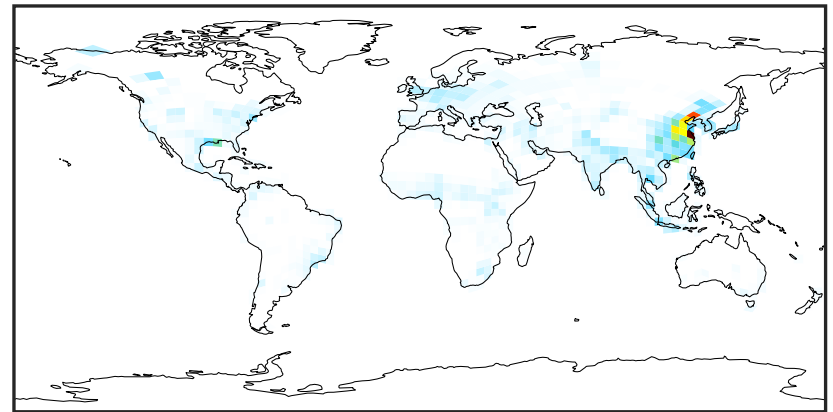
Ref and Dev equal throughout domain
unitless

EmisXYLE_Total (Jan2019)

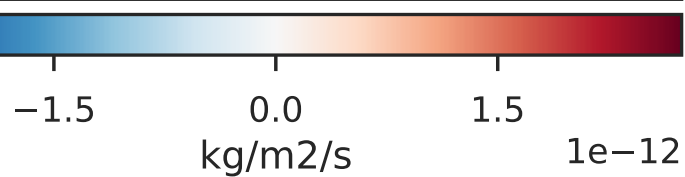
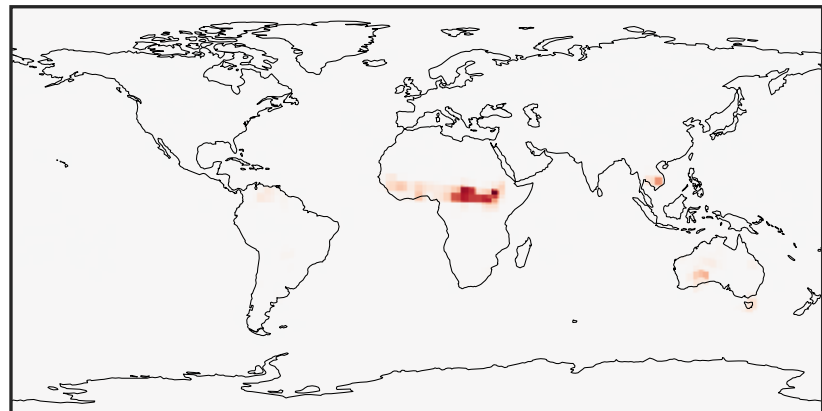
GCHP_14.0.0 (Ref)
c24



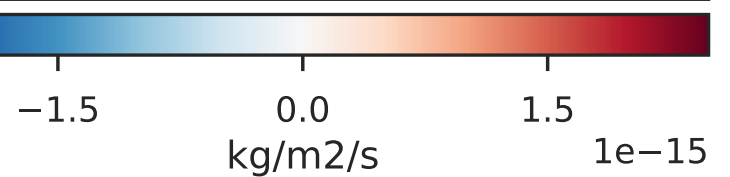
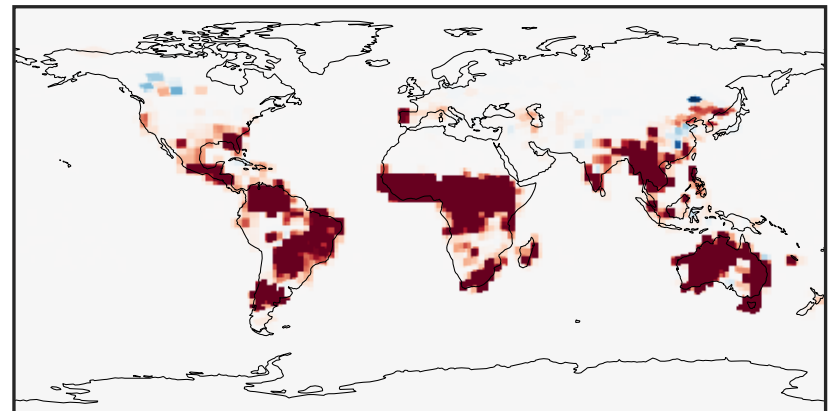
GCHP_14.2.0 (Dev)
c24



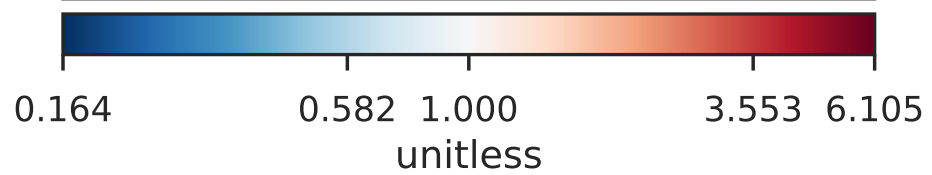
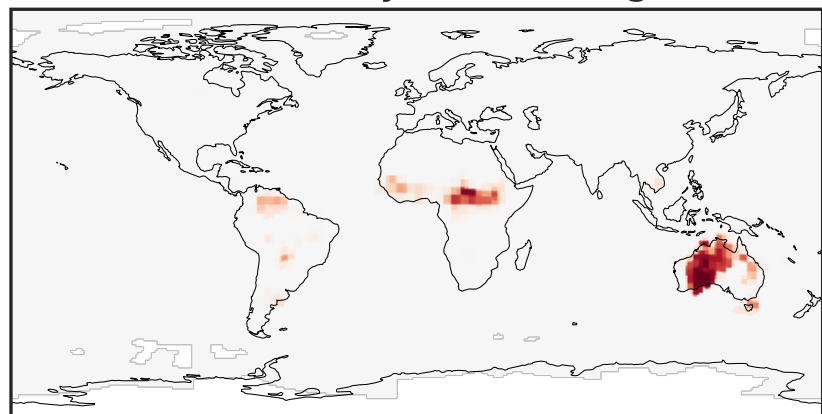
Difference (1x1.25)
Dev - Ref, Dynamic Range



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



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



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

