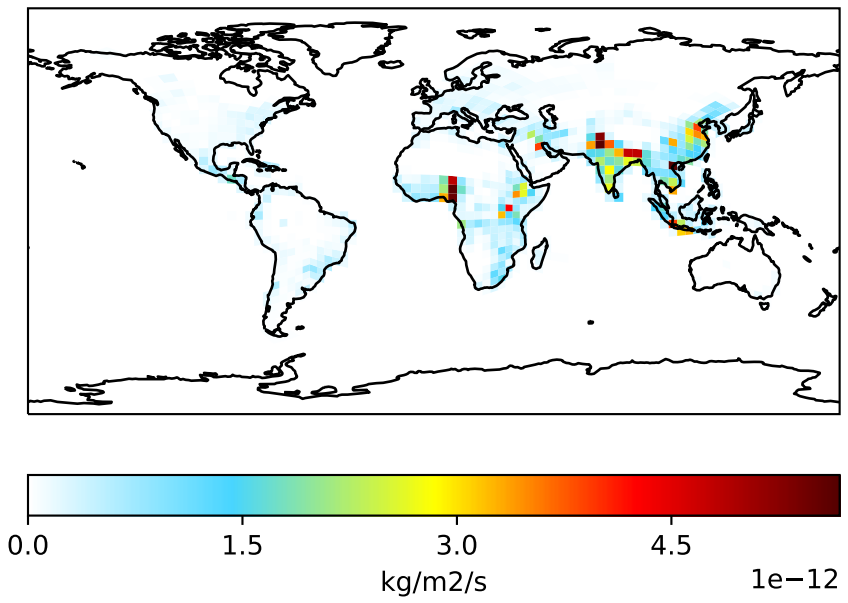
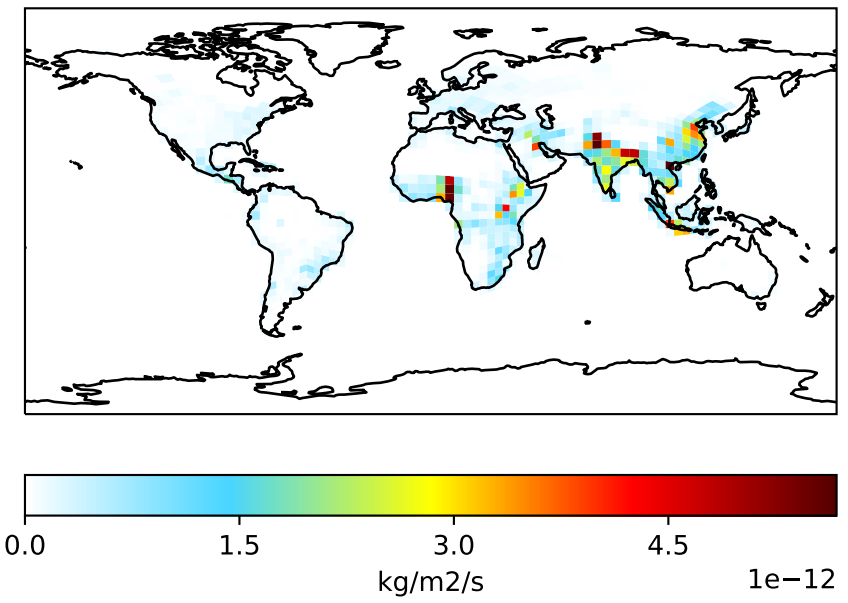
EmisALD2_Anthro

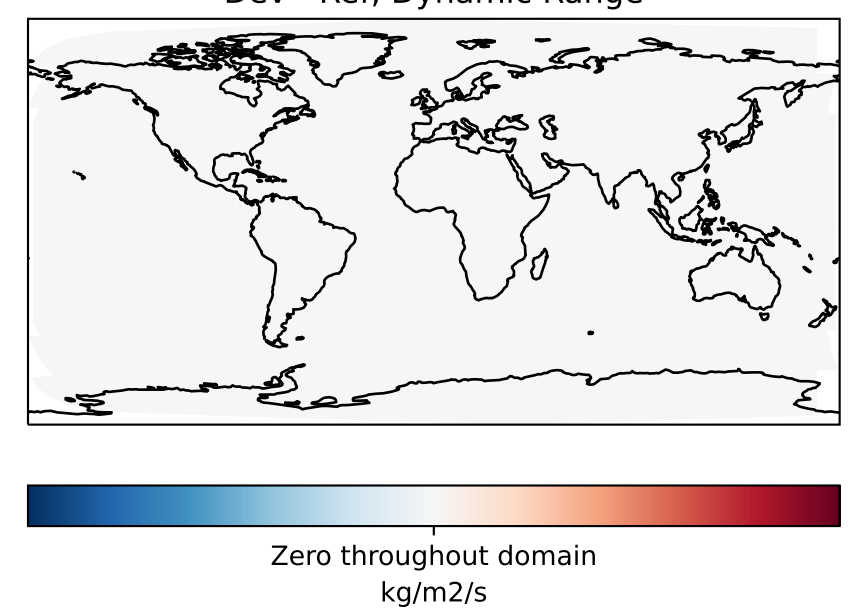
GCHP_14.2.0_MERRA2 (Ref)
c24



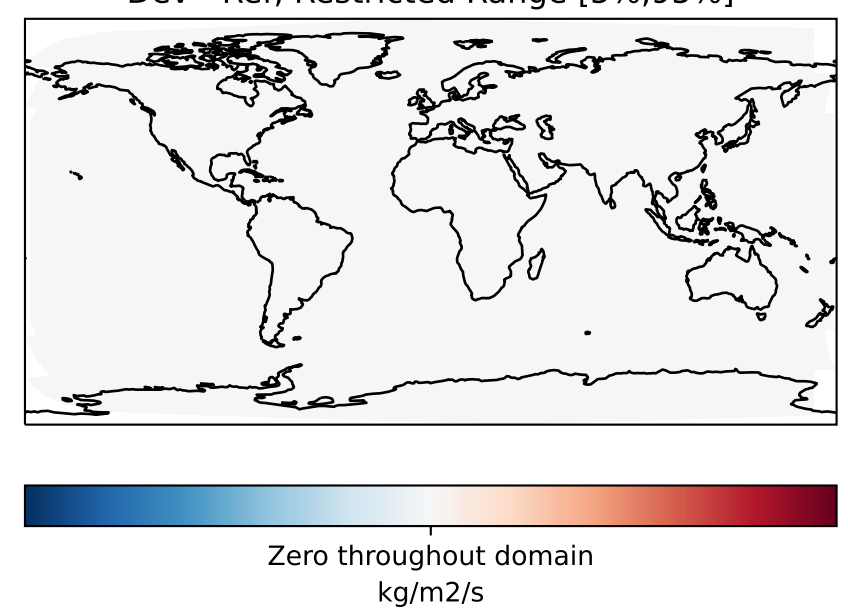
GCHP_14.2.0_GEOS-FP (Dev)
c24



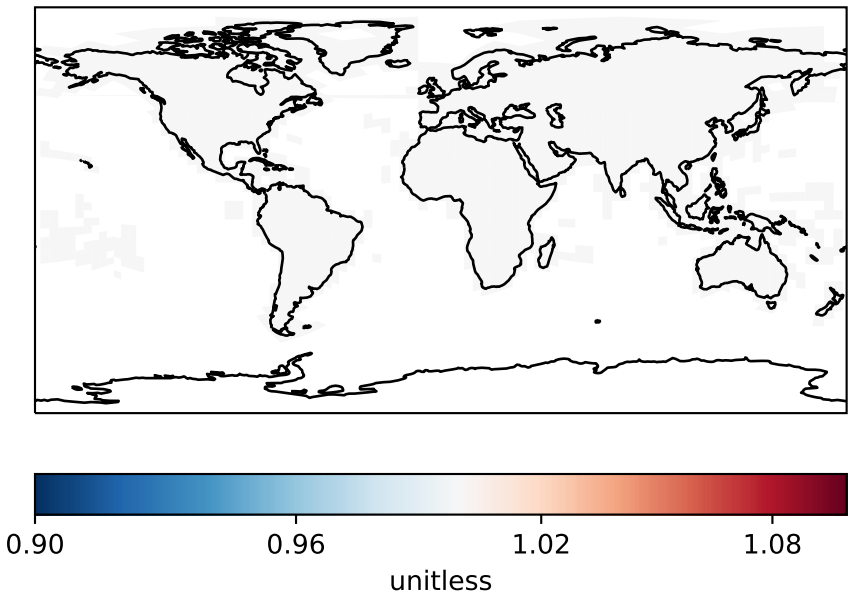
Difference
Dev - Ref, Dynamic Range



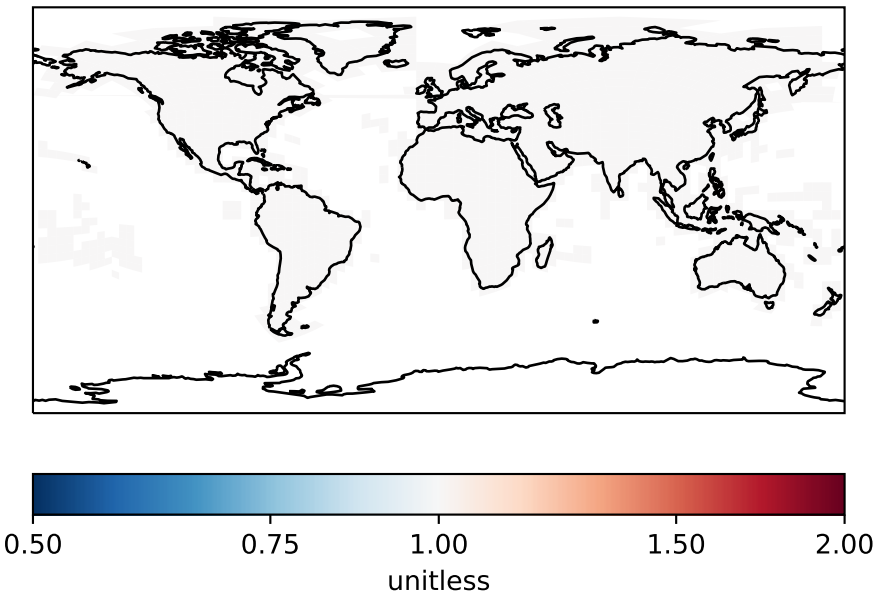
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

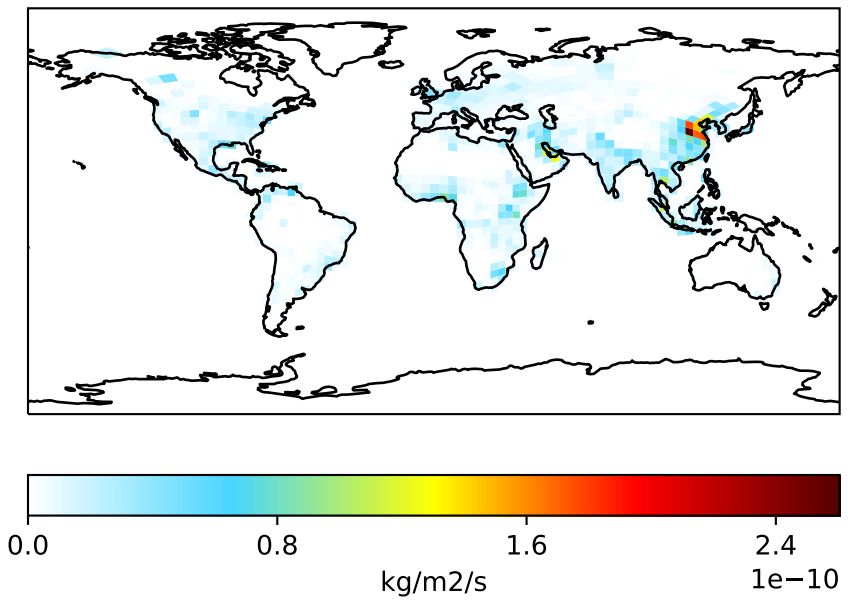


Ratio
Dev/Ref, Fixed Range

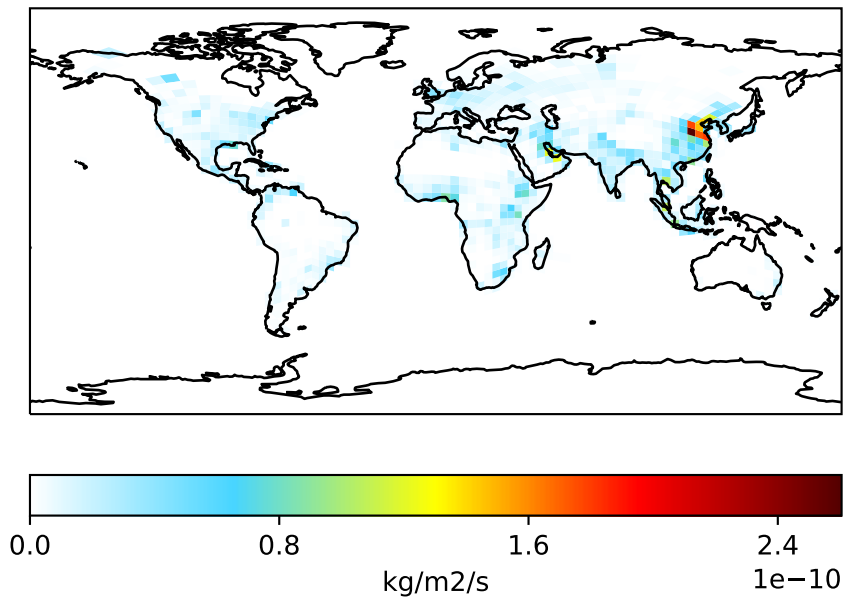


EmisALK4_Anthro

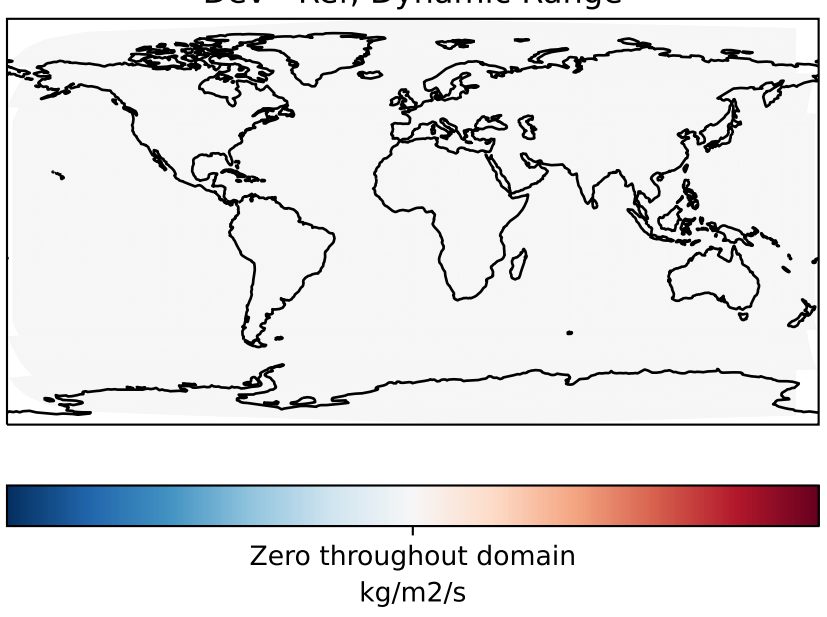
GCHP_14.2.0_MERRA2 (Ref)
c24



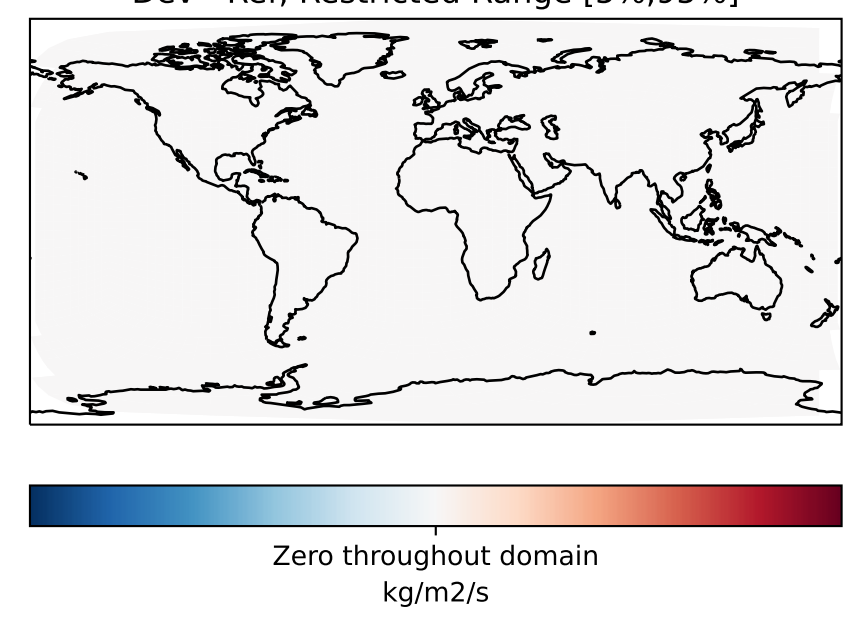
GCHP_14.2.0_GEOS-FP (Dev)
c24



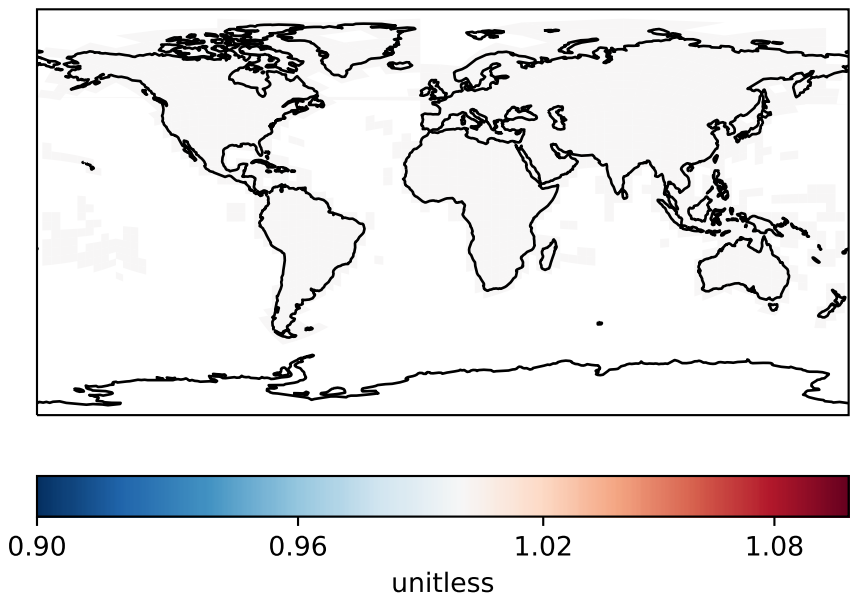
Difference
Dev - Ref, Dynamic Range



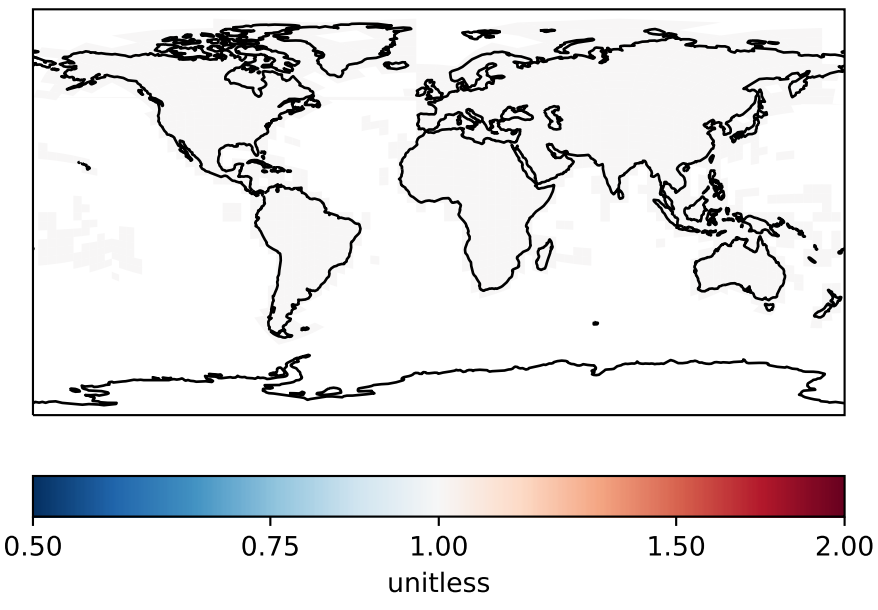
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

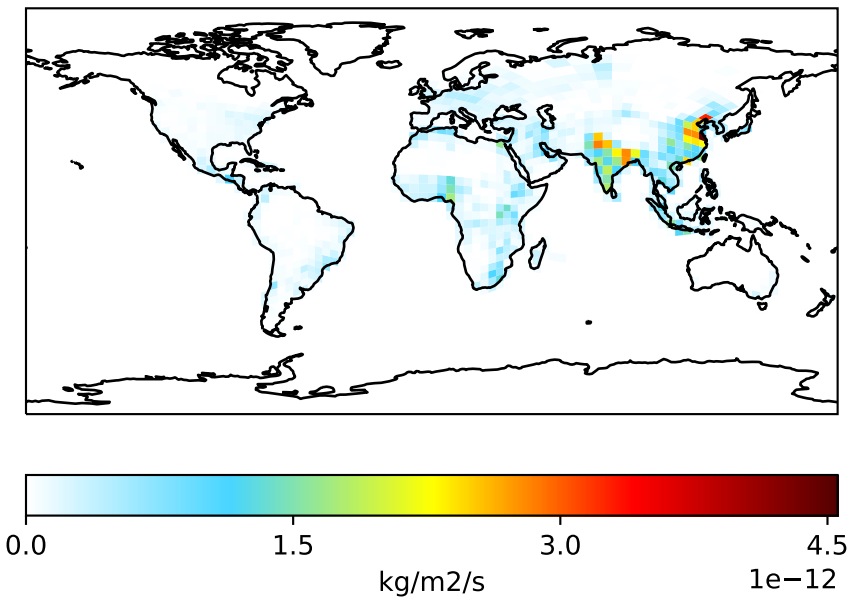


Ratio
Dev/Ref, Fixed Range

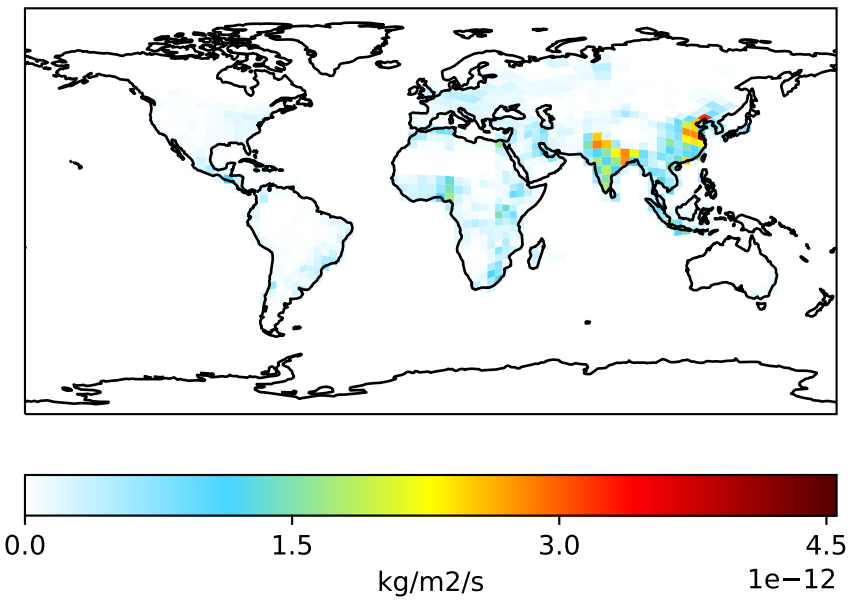


EmisBCPI_Anthro

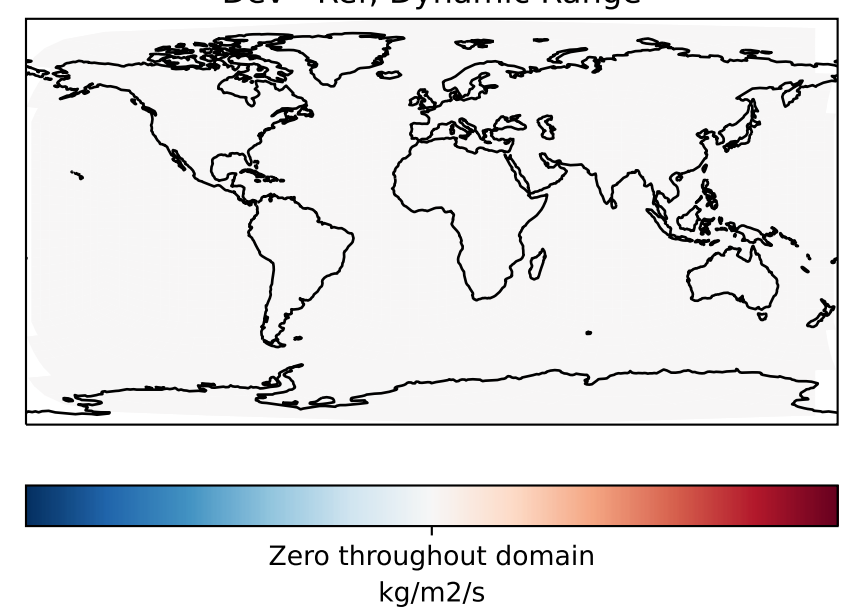
GCHP_14.2.0_MERRA2 (Ref)
c24



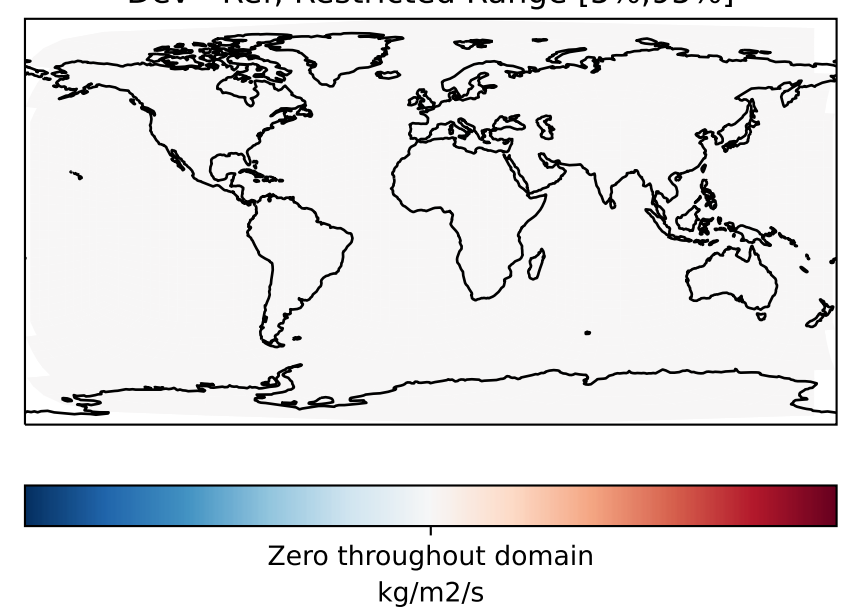
GCHP_14.2.0_GEOS-FP (Dev)
c24



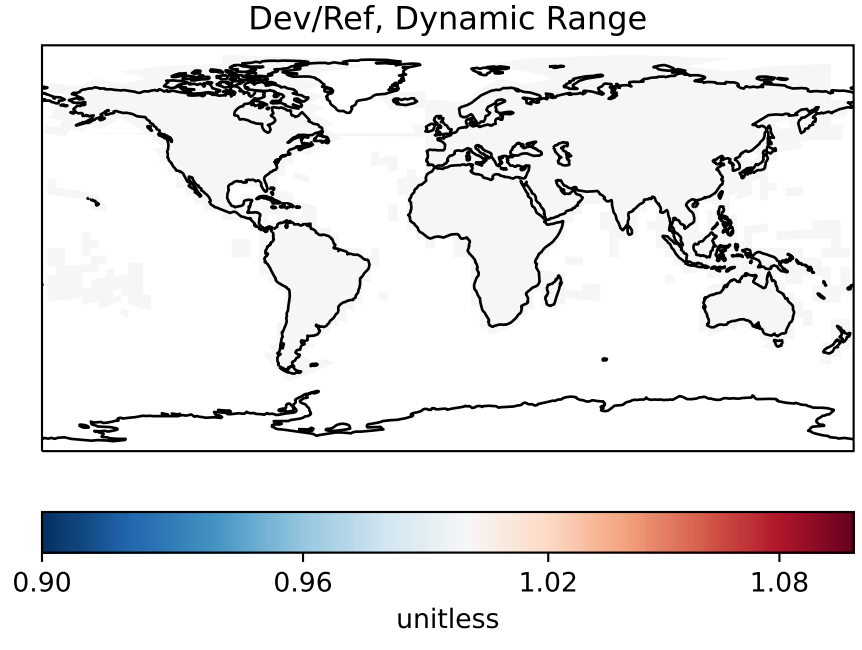
Difference
Dev - Ref, Dynamic Range



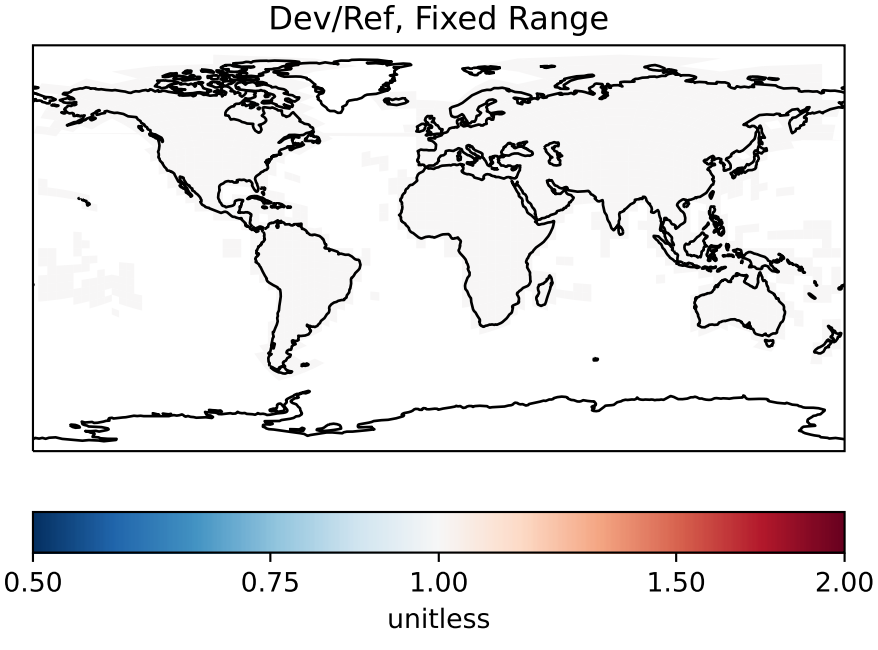
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

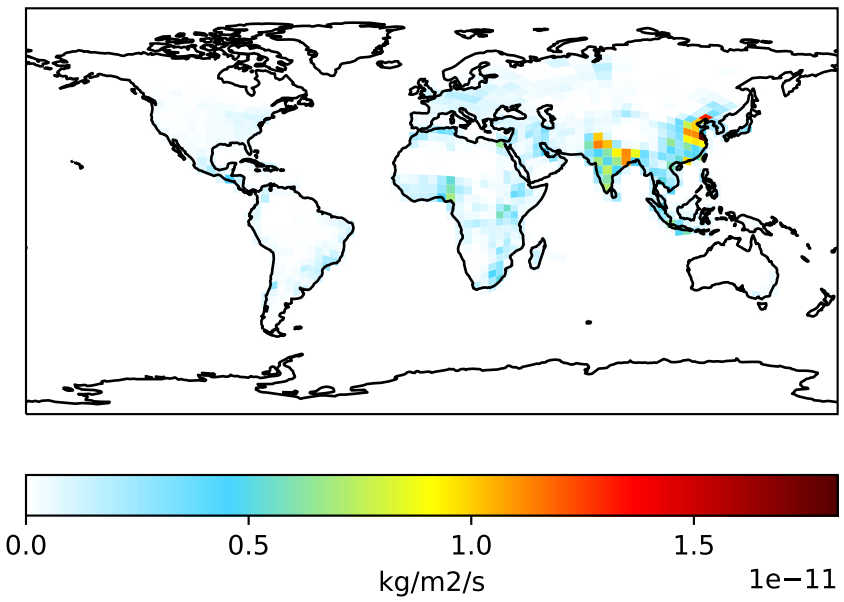


Ratio
Dev/Ref, Fixed Range

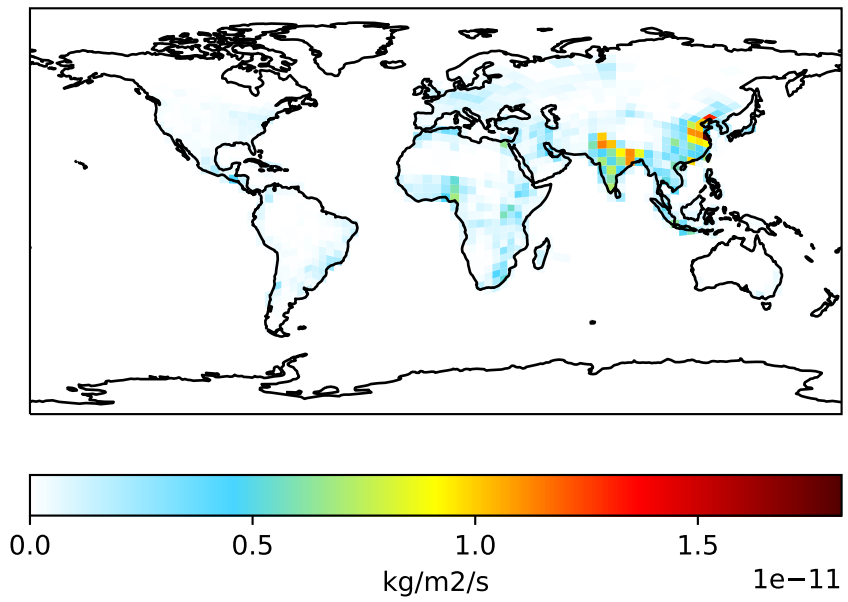


EmisBCPO_Anthro

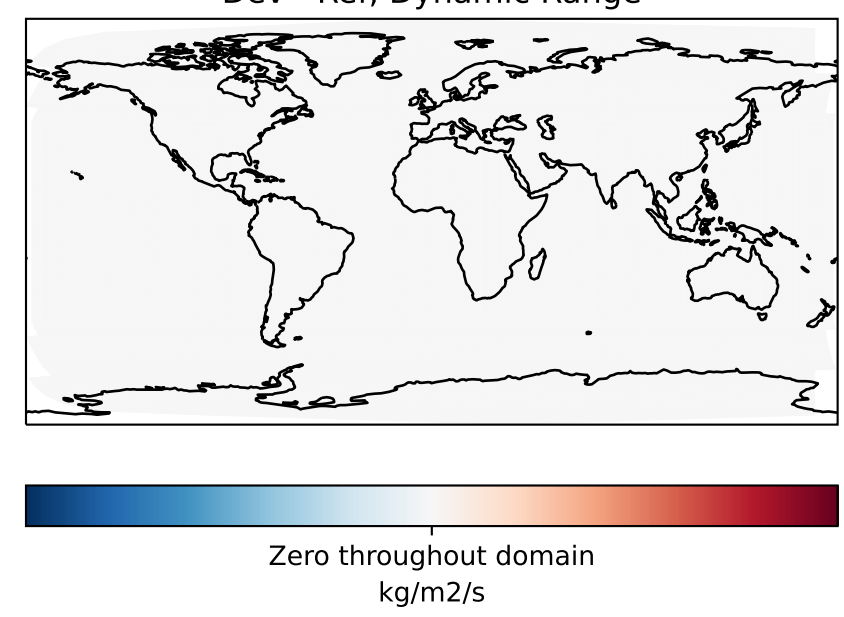
GCHP_14.2.0_MERRA2 (Ref)
c24



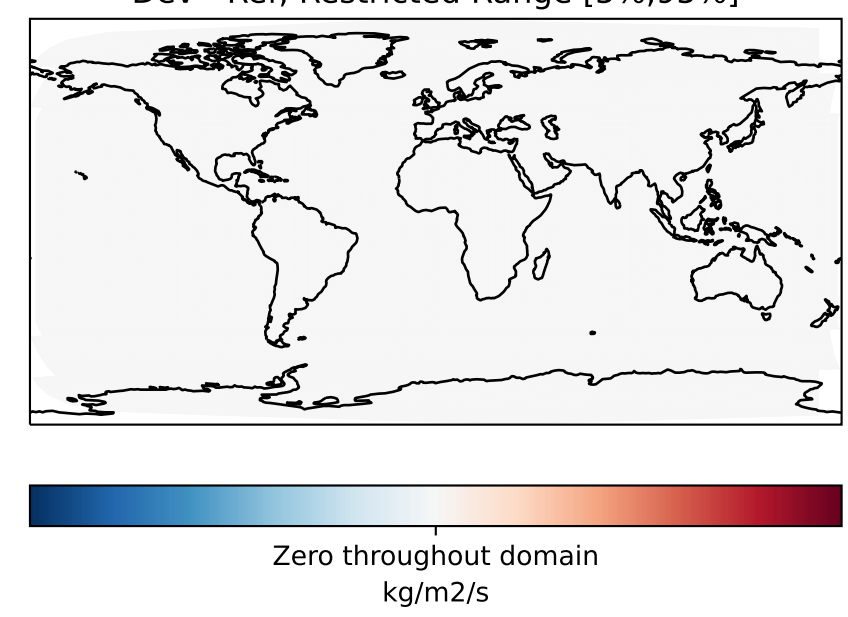
GCHP_14.2.0_GEOS-FP (Dev)
c24



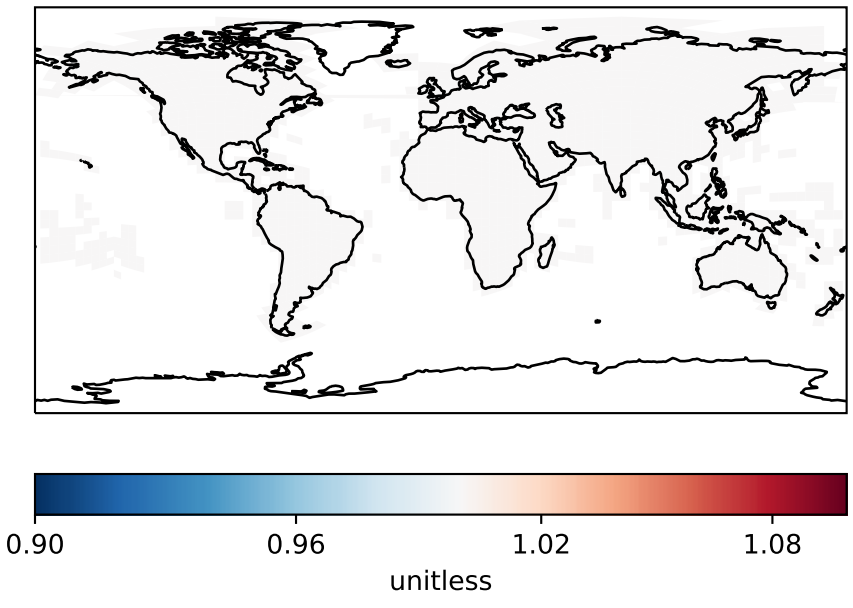
Difference
Dev - Ref, Dynamic Range



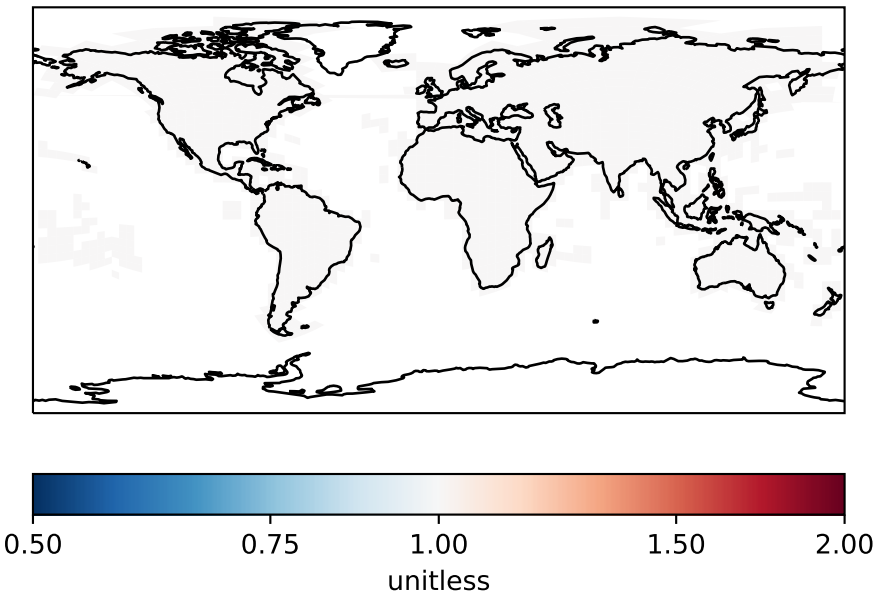
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

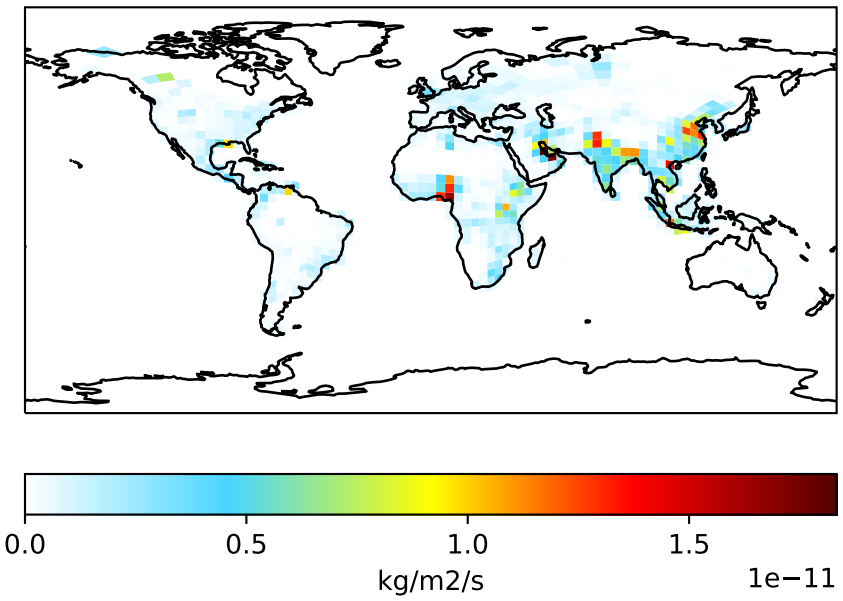


Ratio
Dev/Ref, Fixed Range

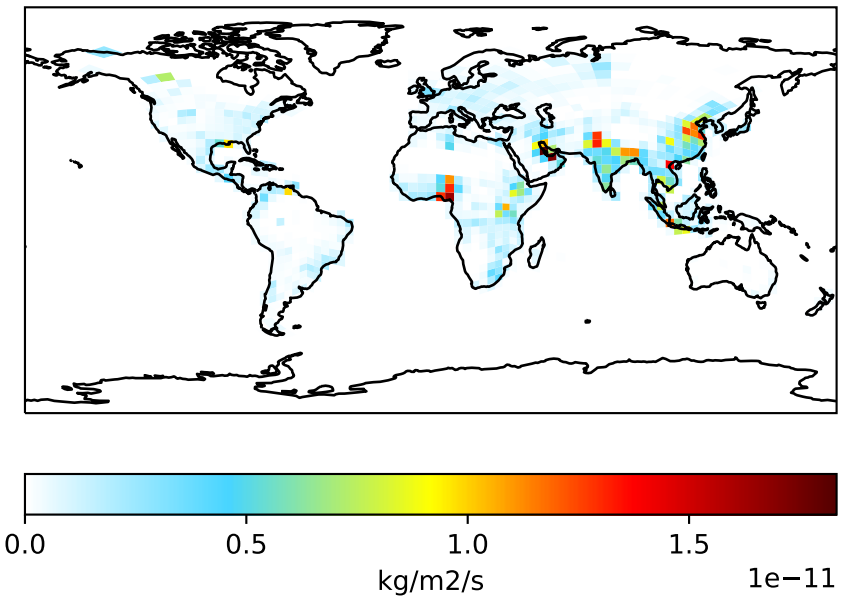


EmisBENZ_Anthro

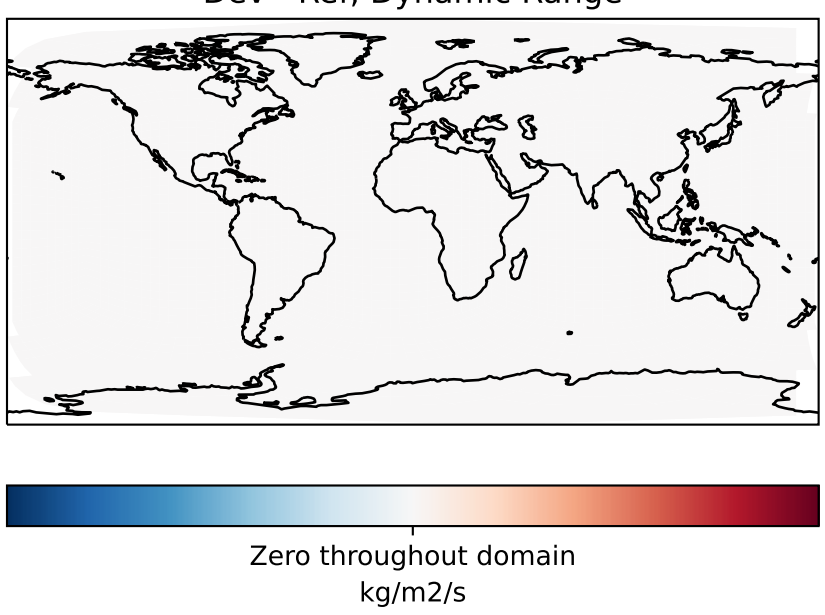
GCHP_14.2.0_MERRA2 (Ref)
c24



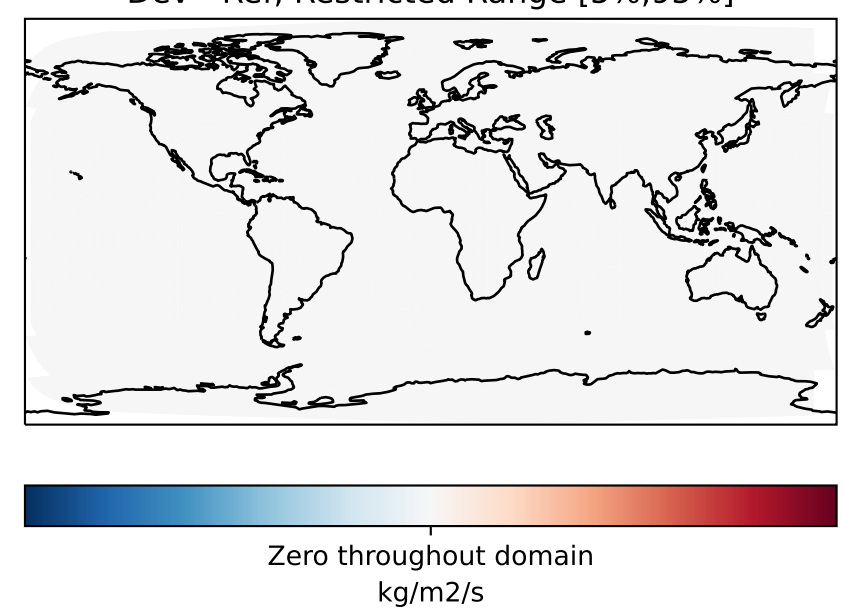
GCHP_14.2.0_GEOS-FP (Dev)
c24



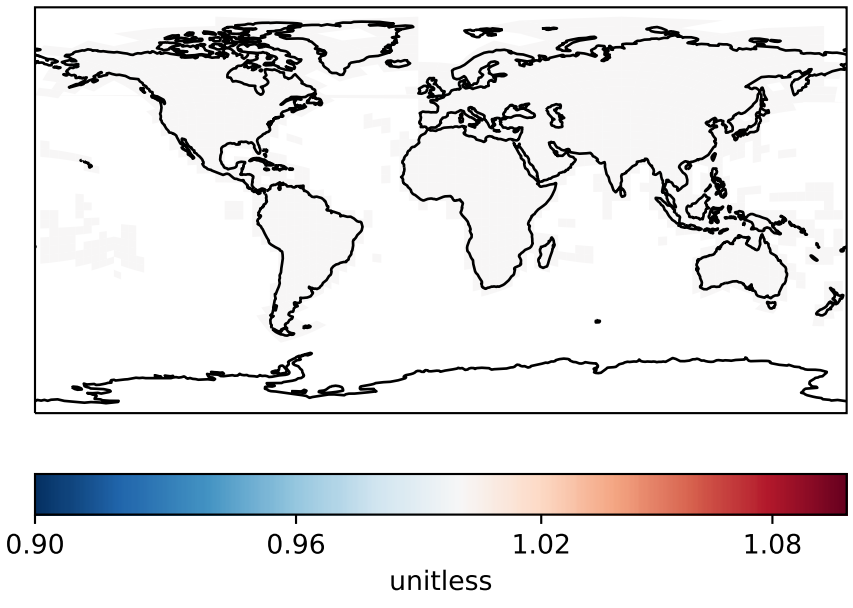
Difference
Dev - Ref, Dynamic Range



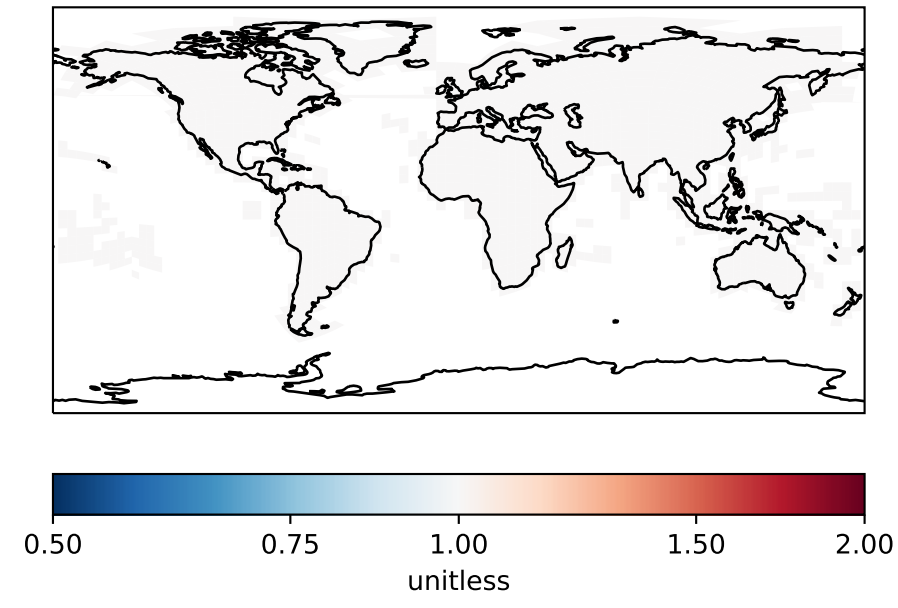
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

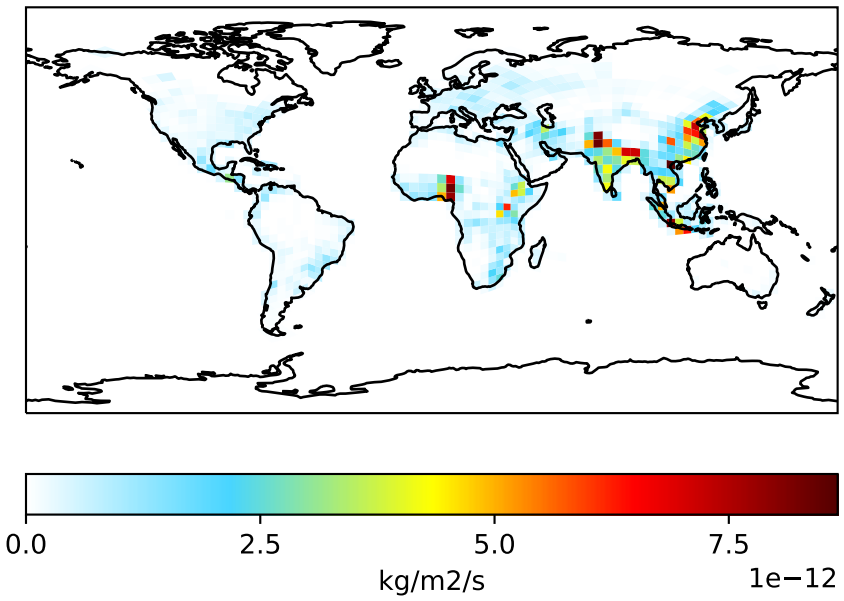


Ratio
Dev/Ref, Fixed Range

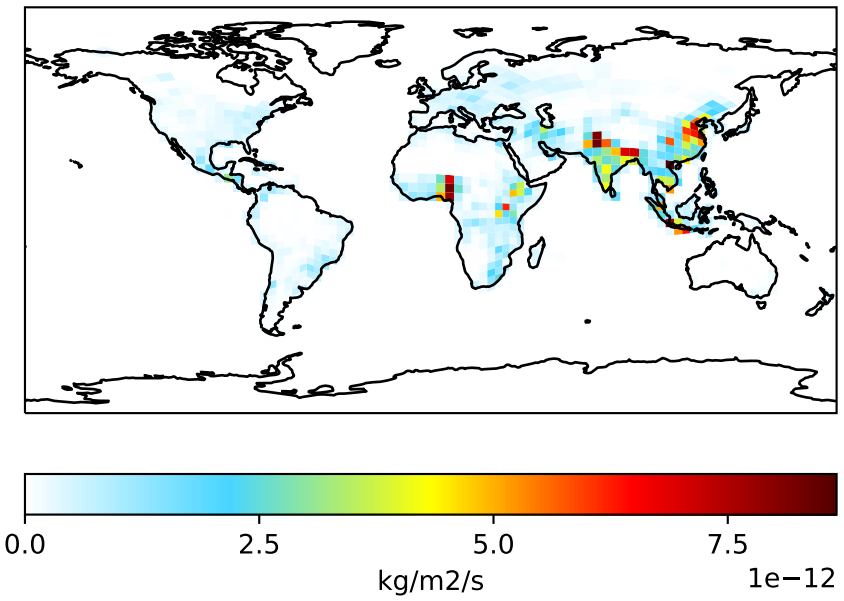


EmisC2H2_Anthro

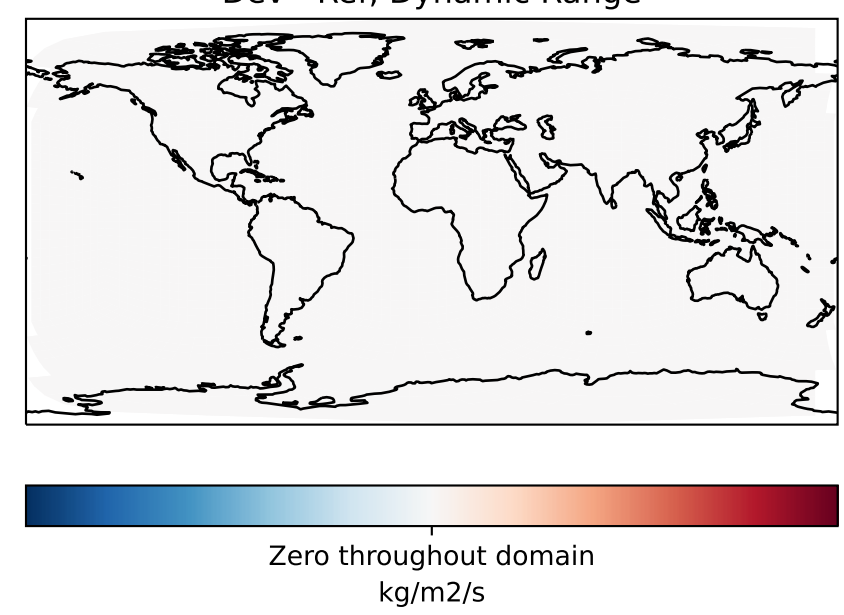
GCHP_14.2.0_MERRA2 (Ref)
c24



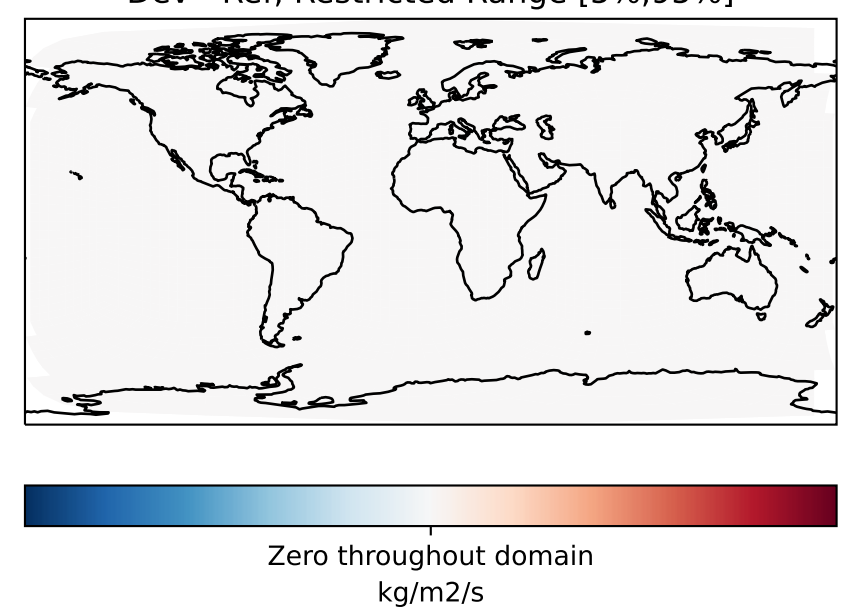
GCHP_14.2.0_GEOS-FP (Dev)
c24



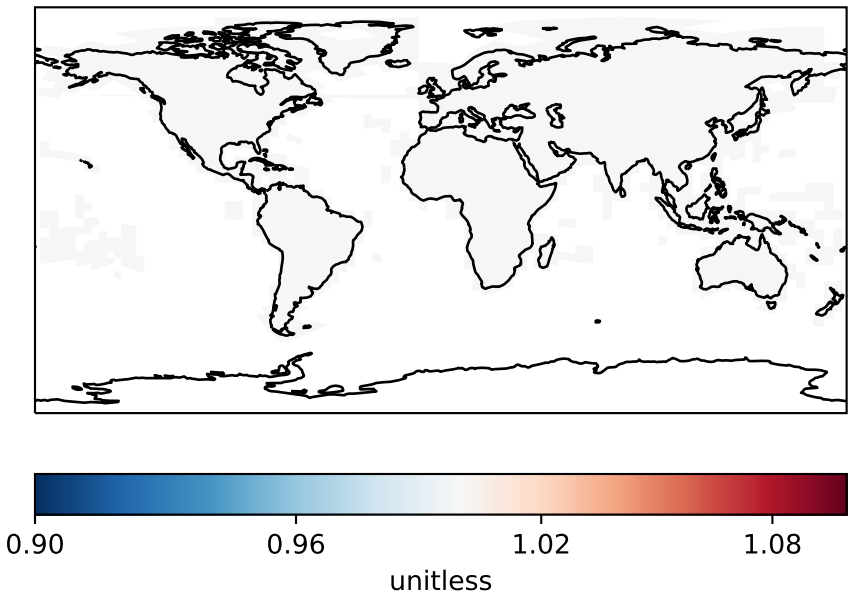
Difference
Dev - Ref, Dynamic Range



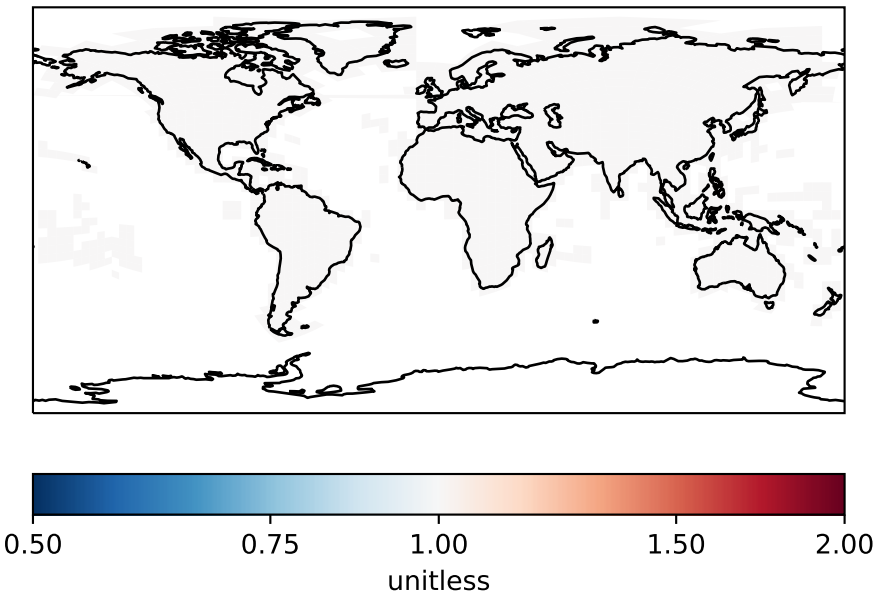
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

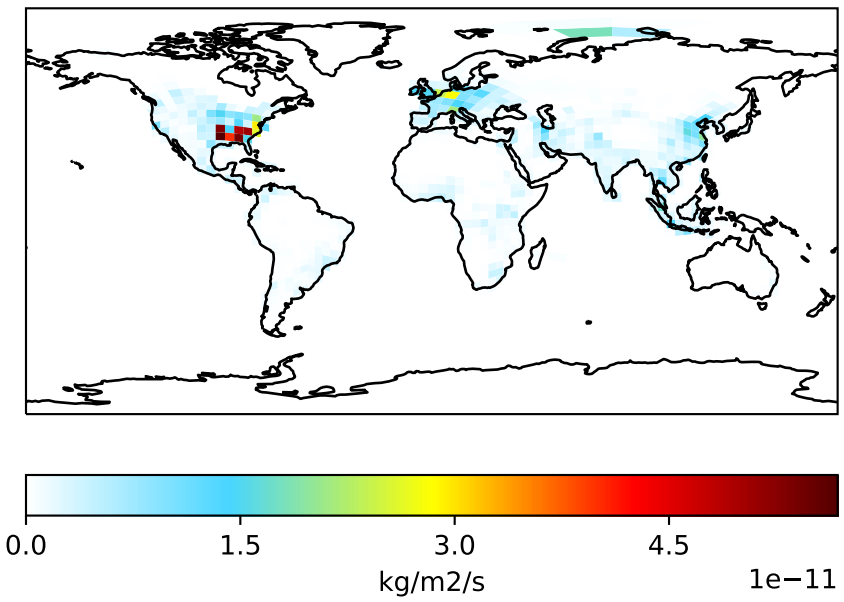


Ratio
Dev/Ref, Fixed Range

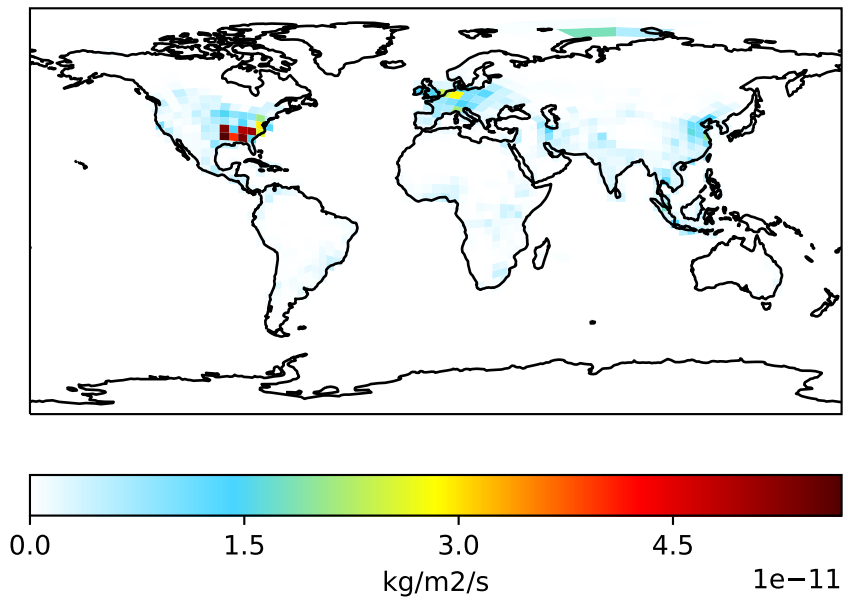


EmisC2H4_Anthro

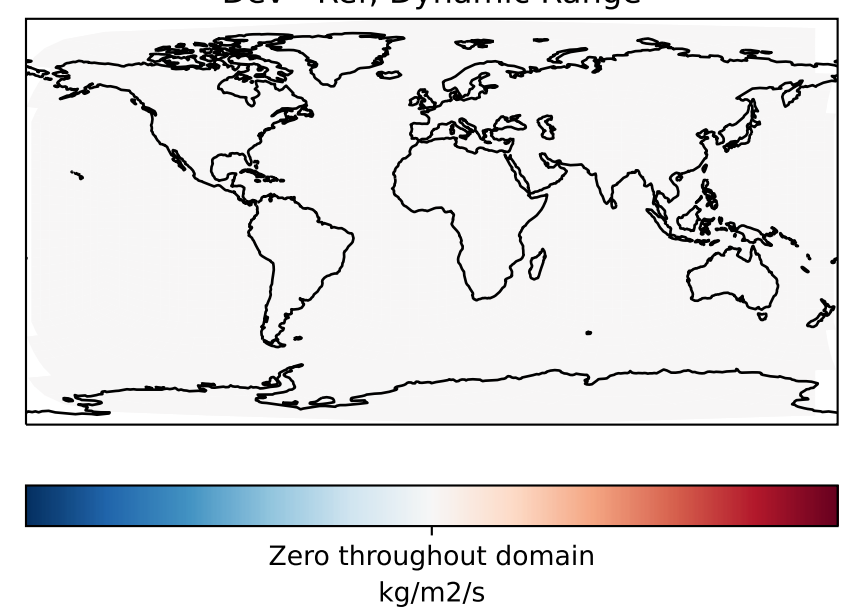
GCHP_14.2.0_MERRA2 (Ref)
c24



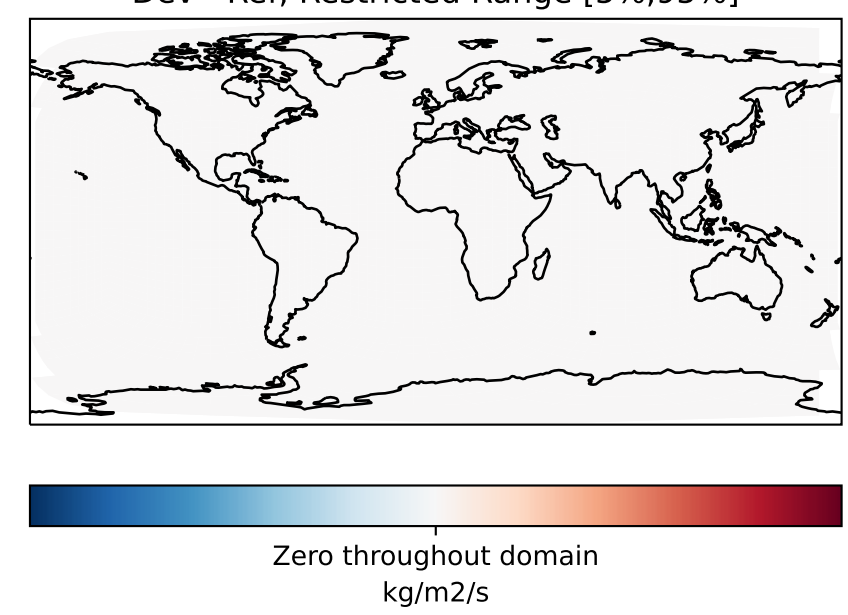
GCHP_14.2.0_GEOS-FP (Dev)
c24



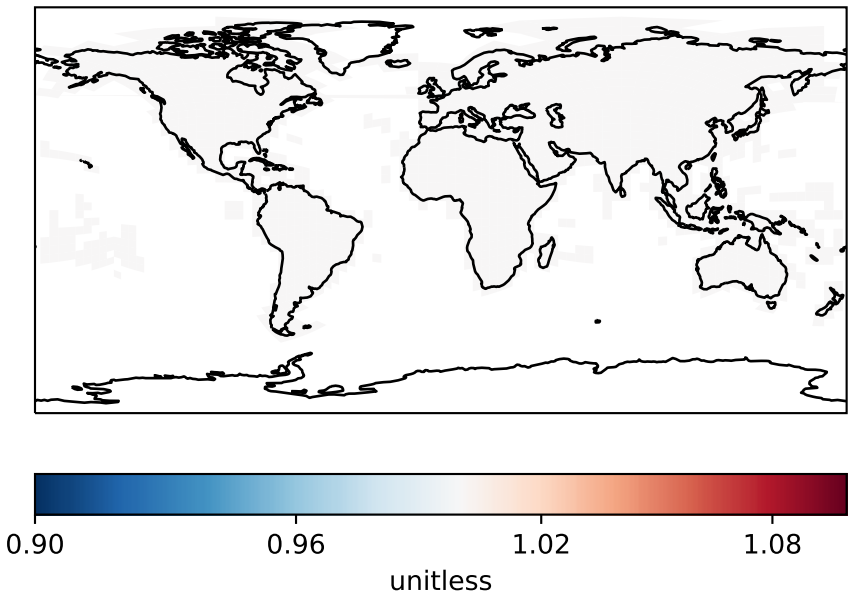
Difference
Dev - Ref, Dynamic Range



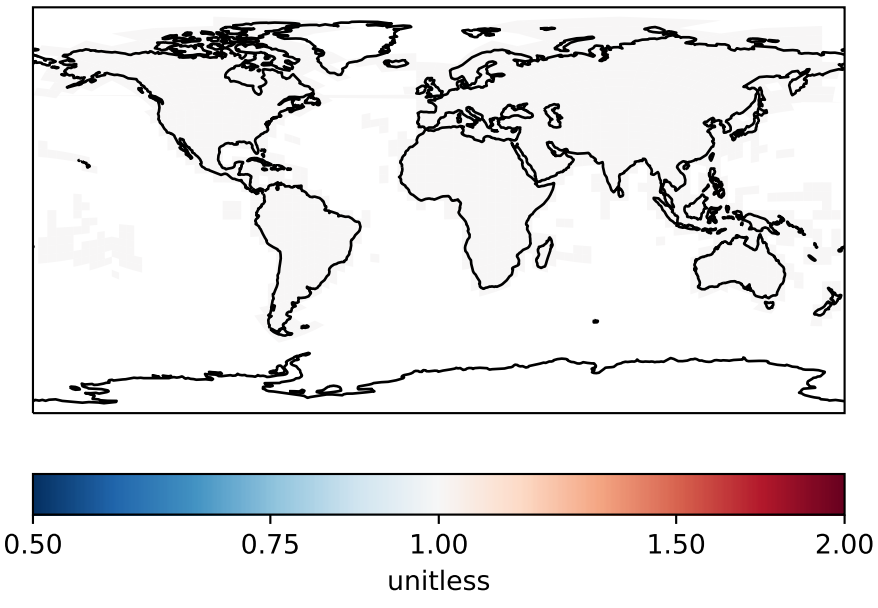
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

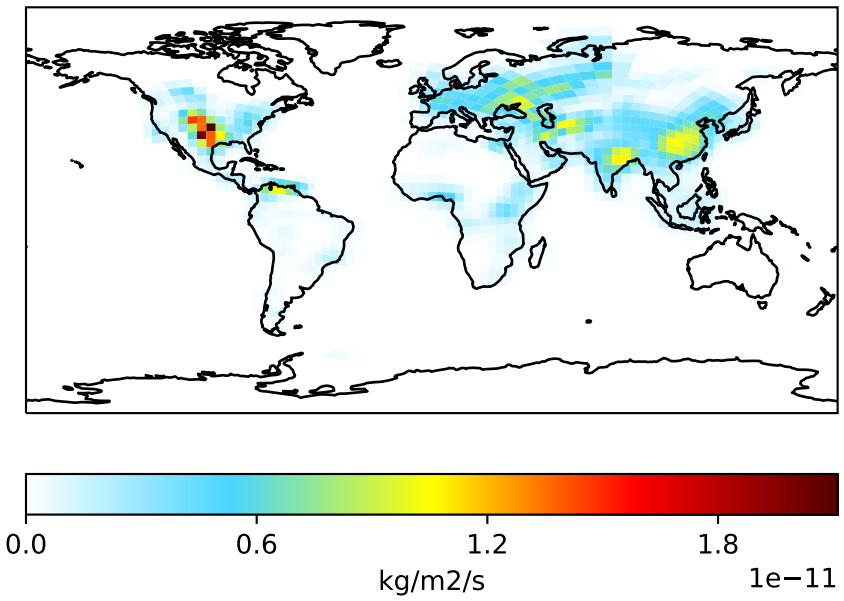


Ratio
Dev/Ref, Fixed Range

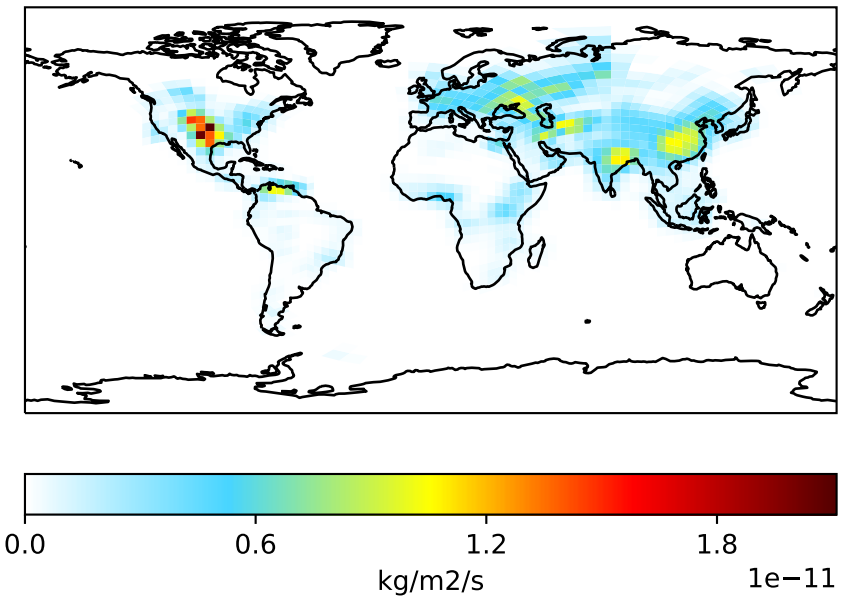


EmisC2H6_Anthro

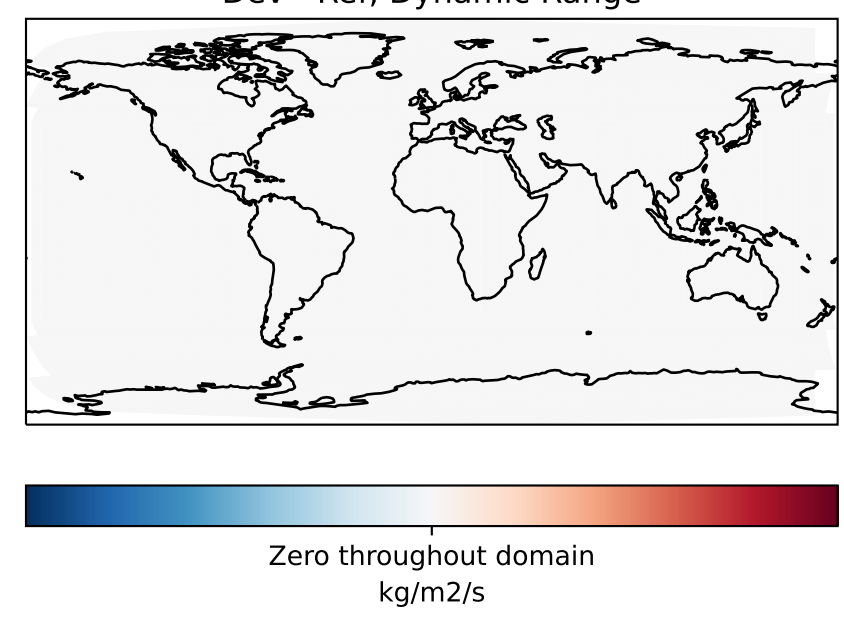
GCHP_14.2.0_MERRA2 (Ref)
c24



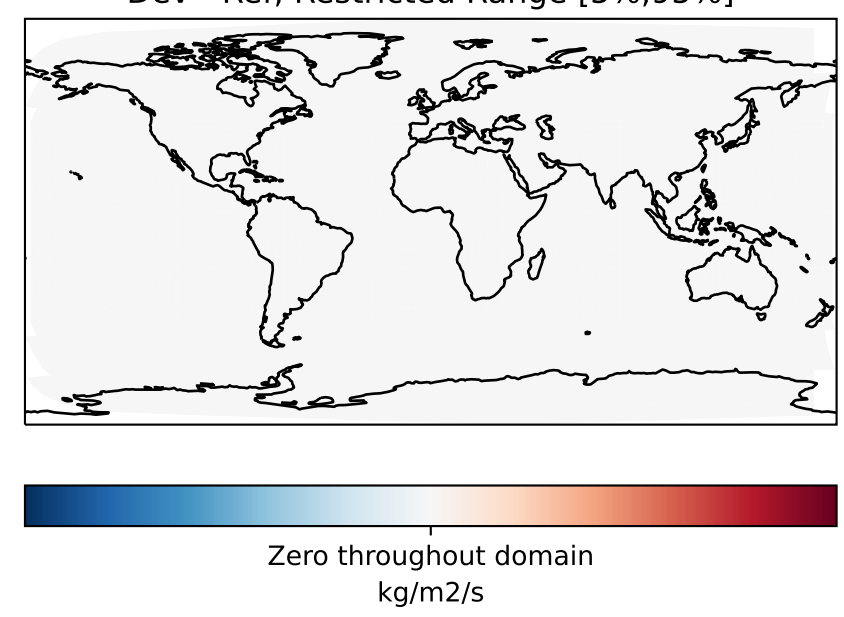
GCHP_14.2.0_GEOS-FP (Dev)
c24



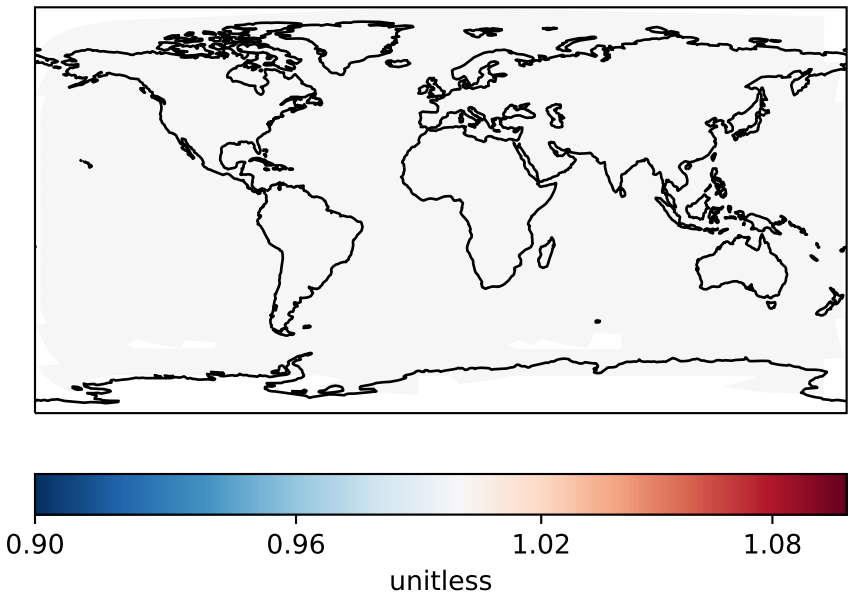
Difference
Dev - Ref, Dynamic Range



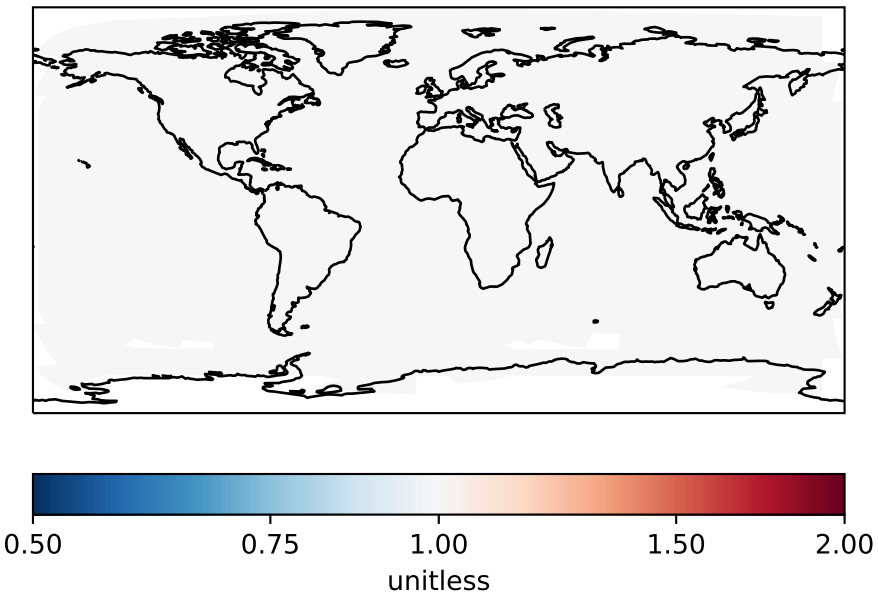
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

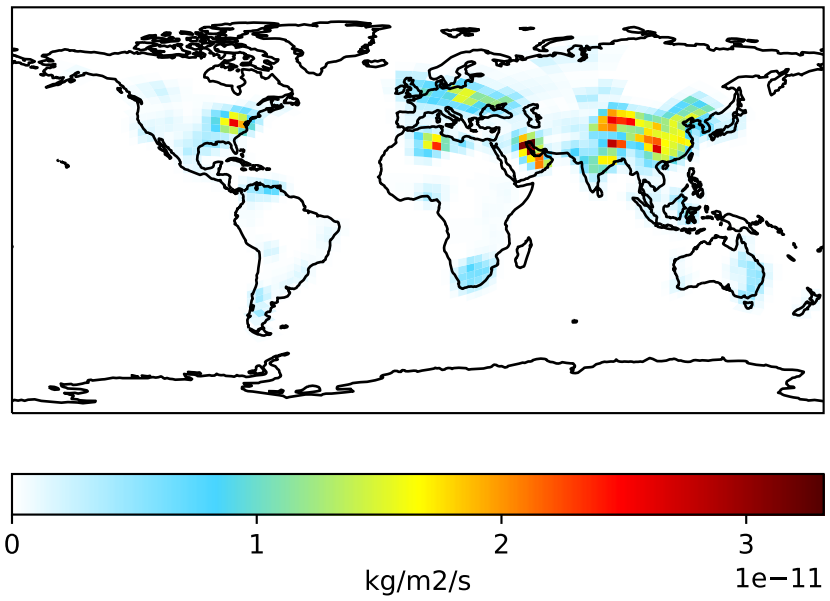


Ratio
Dev/Ref, Fixed Range

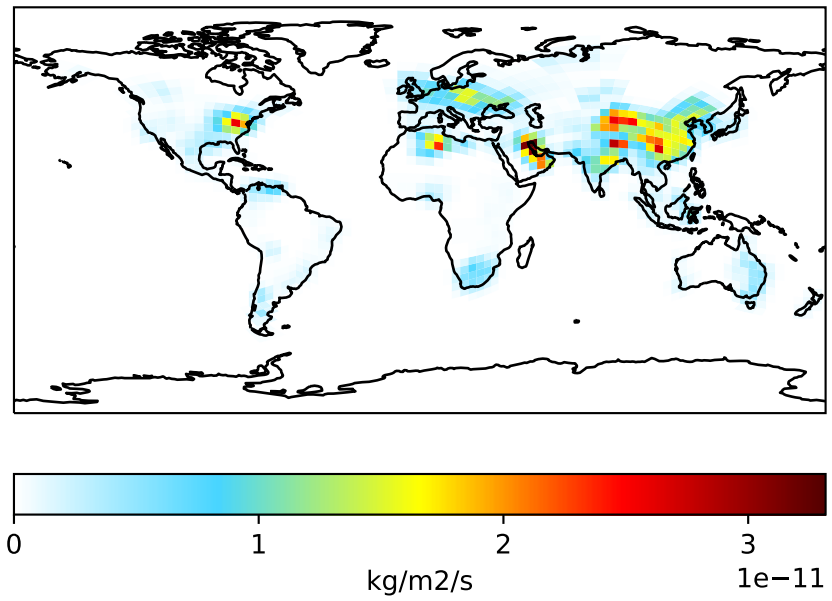


EmisC3H8_Anthro

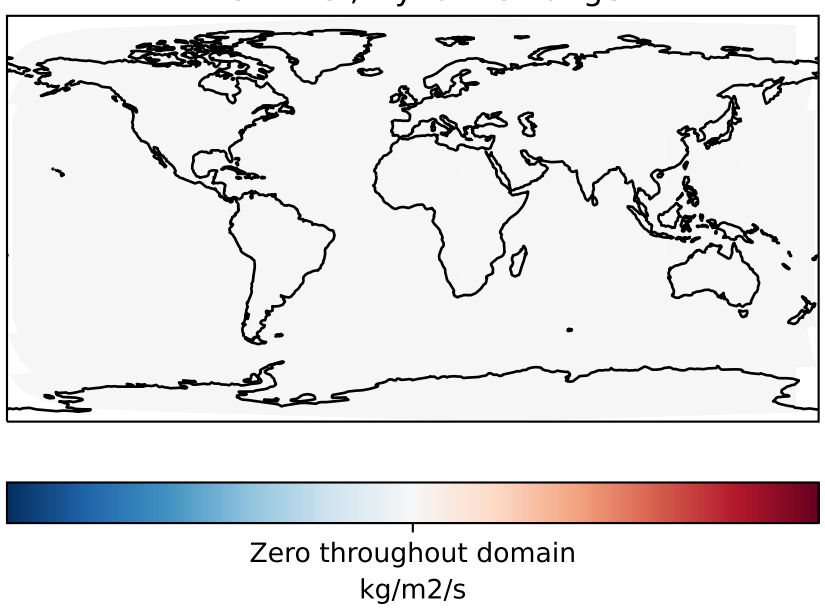
GCHP_14.2.0_MERRA2 (Ref)
c24



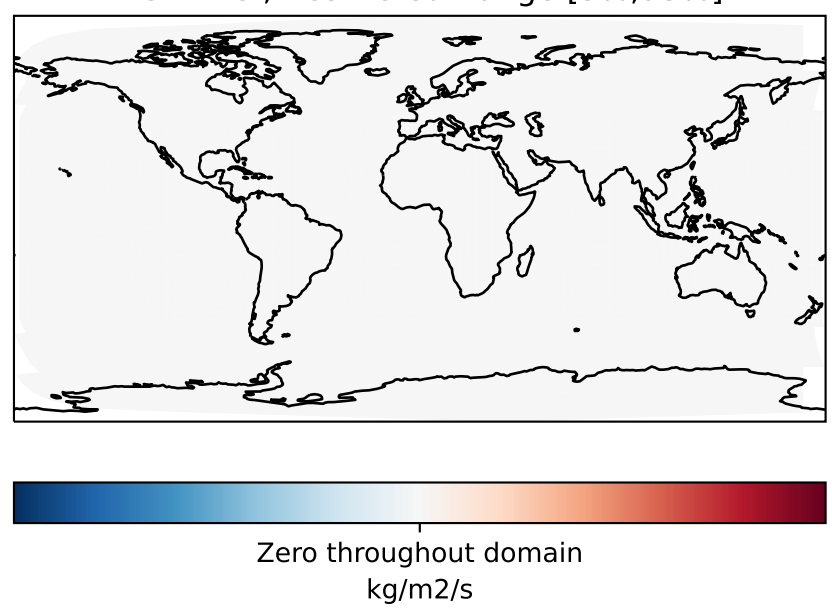
GCHP_14.2.0_GEOS-FP (Dev)
c24



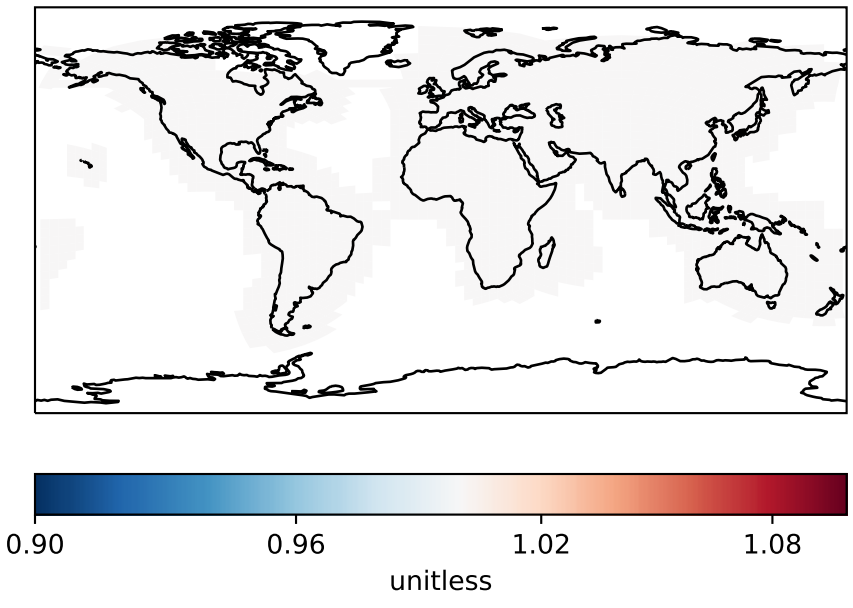
Difference
Dev - Ref, Dynamic Range



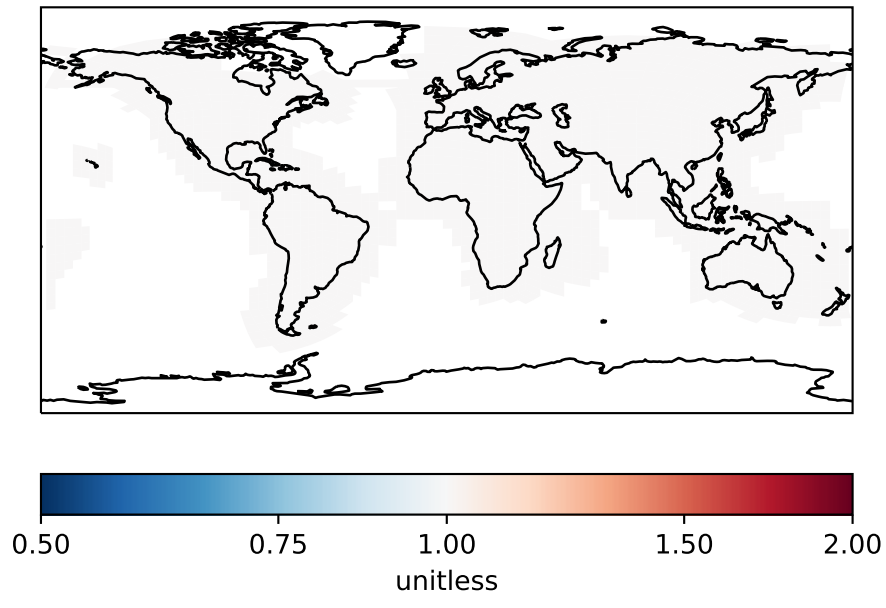
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

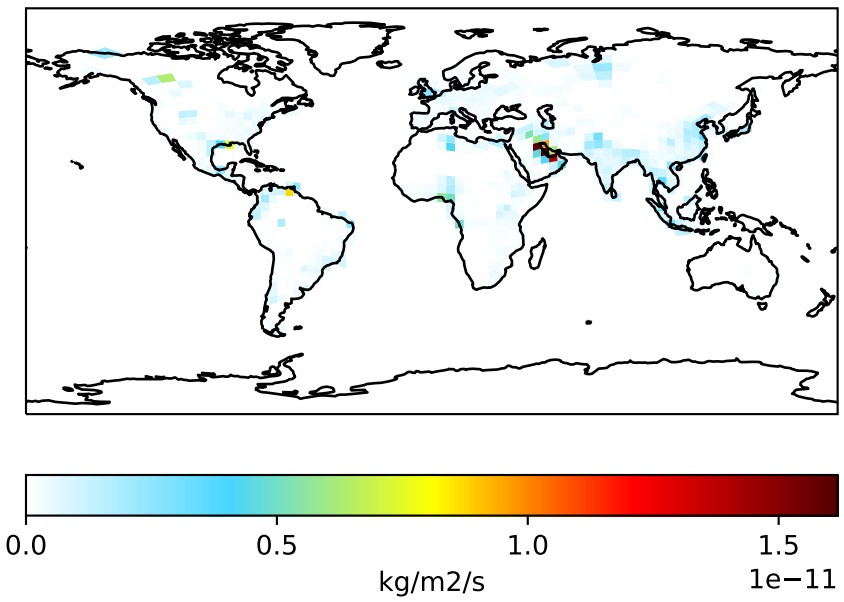


Ratio
Dev/Ref, Fixed Range

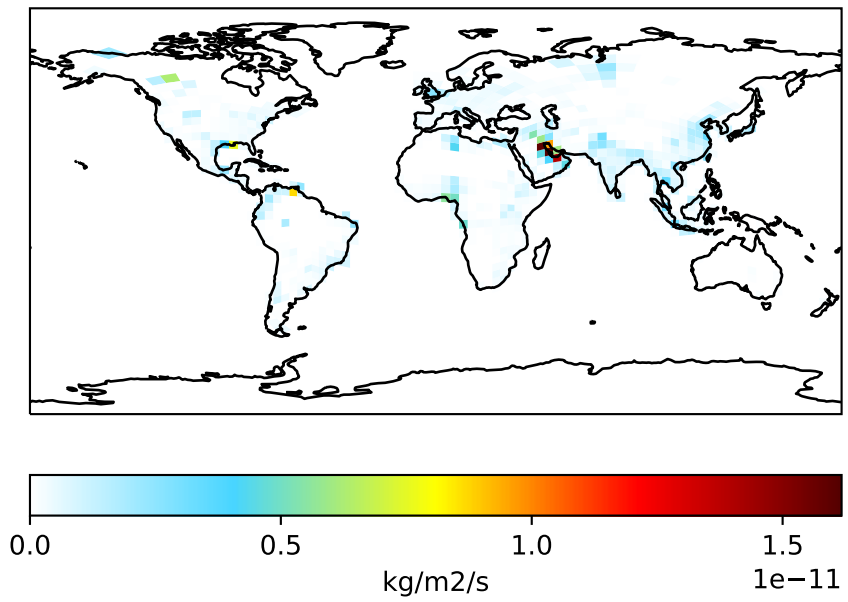


EmisCH2O_Anthro

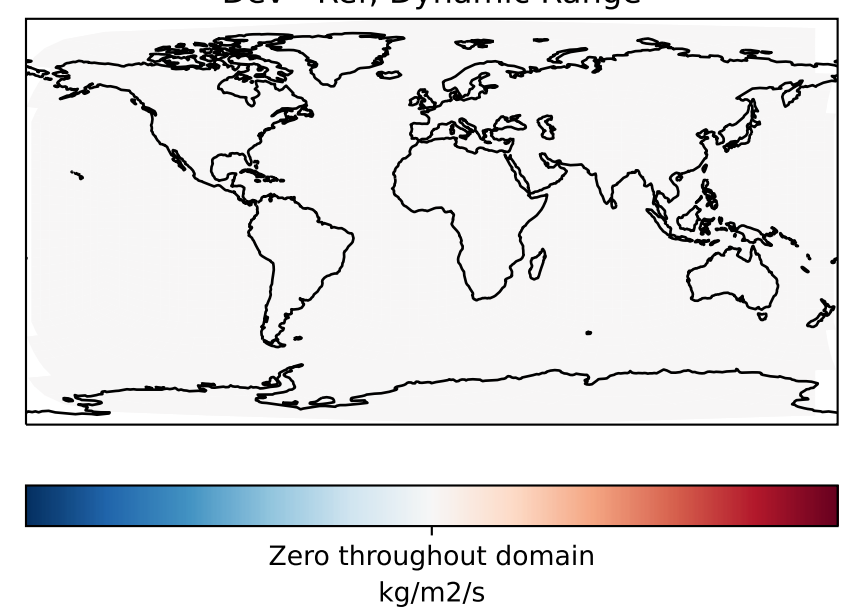
GCHP_14.2.0_MERRA2 (Ref)
c24



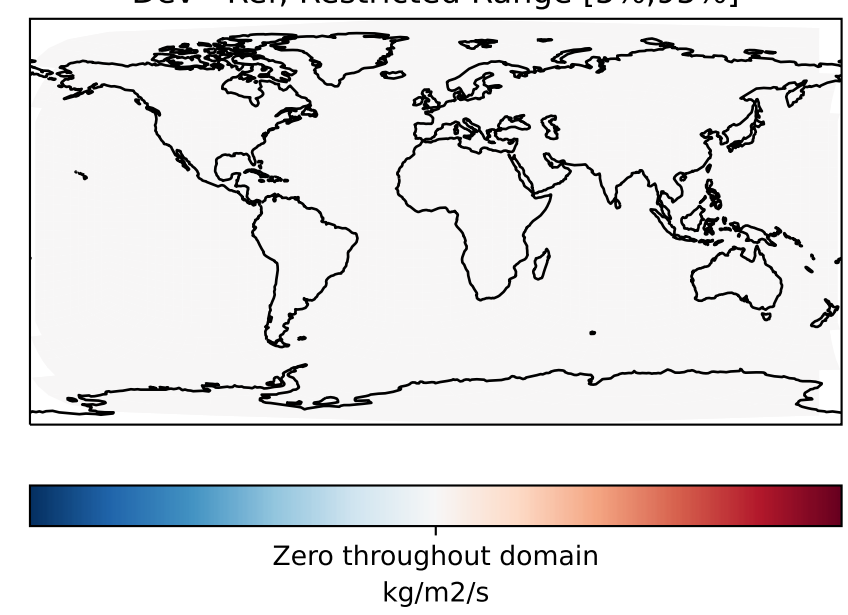
GCHP_14.2.0_GEOS-FP (Dev)
c24



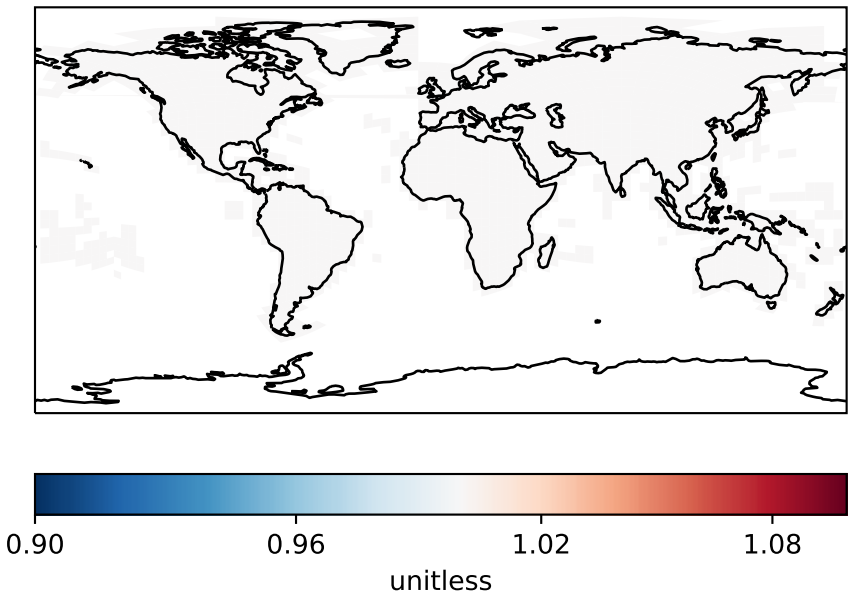
Difference
Dev - Ref, Dynamic Range



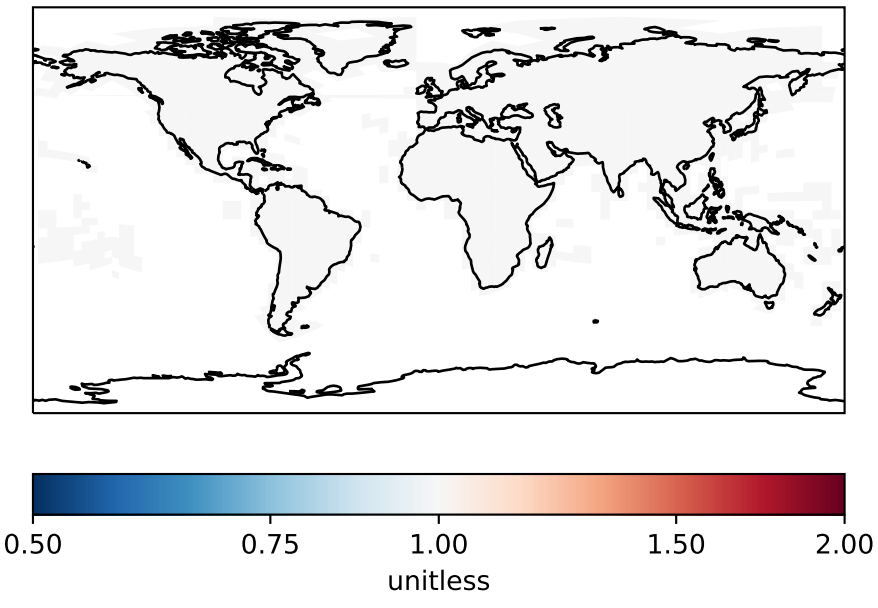
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

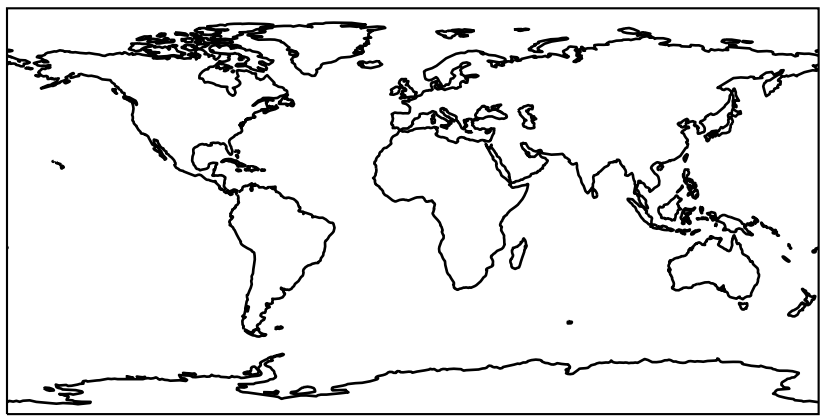


Ratio
Dev/Ref, Fixed Range



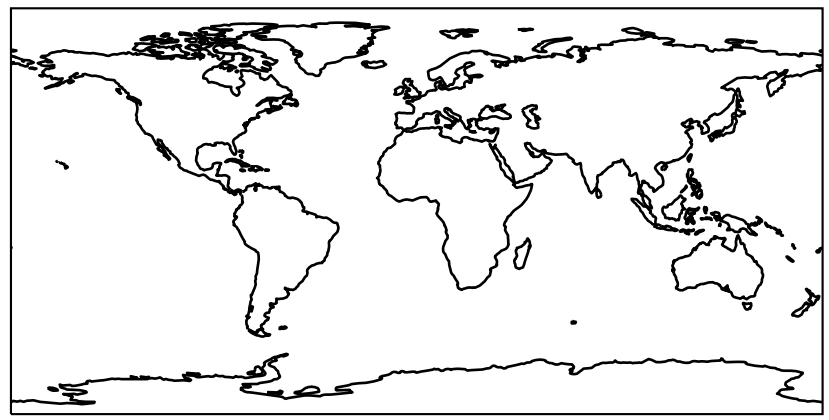
EmisCO2_Anthro

GCHP_14.2.0_MERRA2 (Ref)
c24



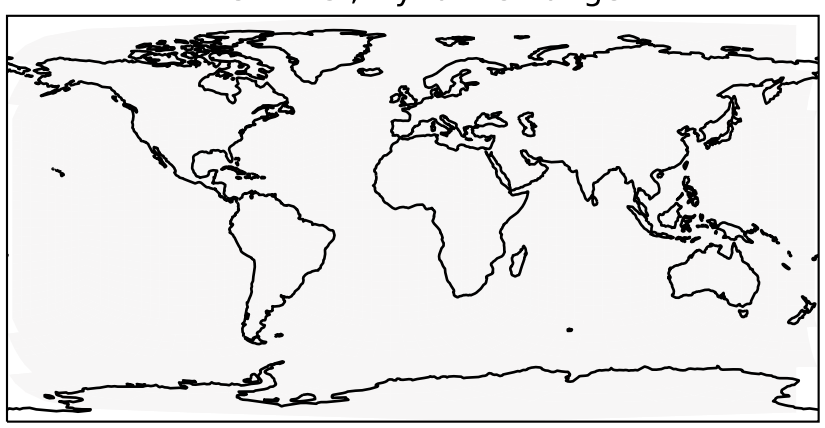
Zero throughout domain
kg/m2/s

GCHP_14.2.0_GEOS-FP (Dev)
c24



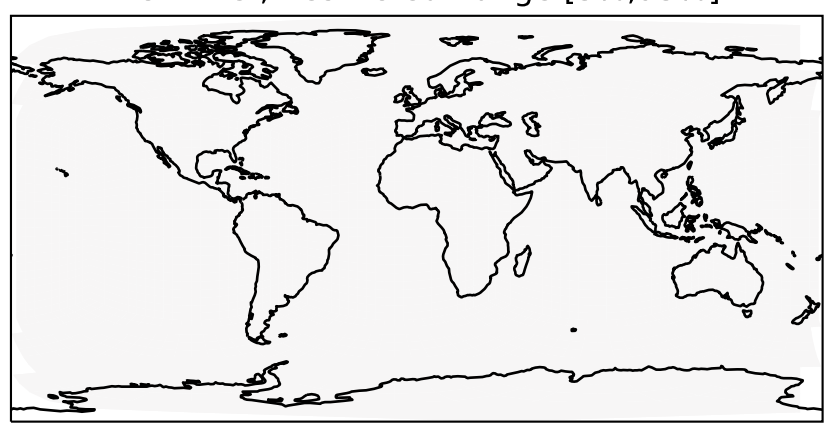
Zero throughout domain
kg/m2/s

Difference
Dev - Ref, Dynamic Range



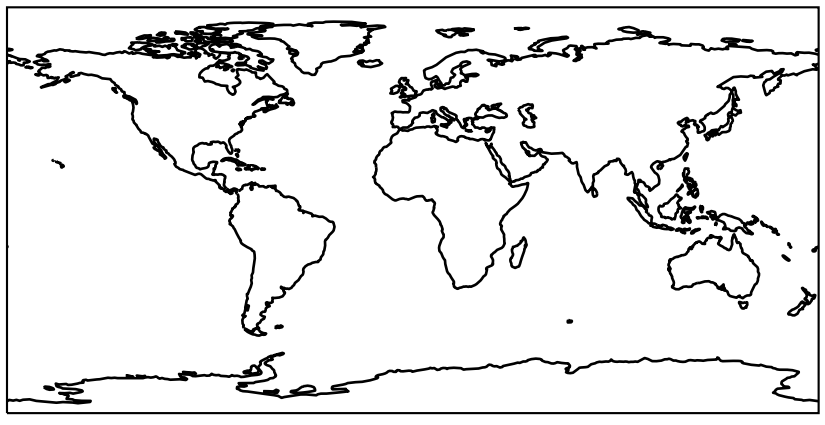
Zero throughout domain
kg/m2/s

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



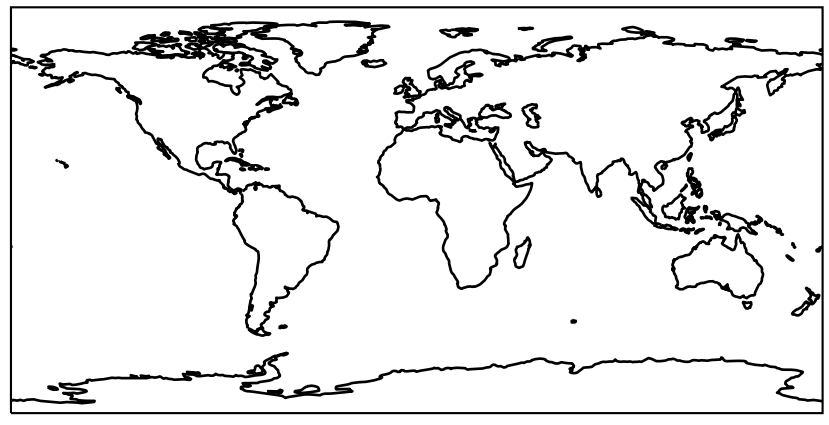
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

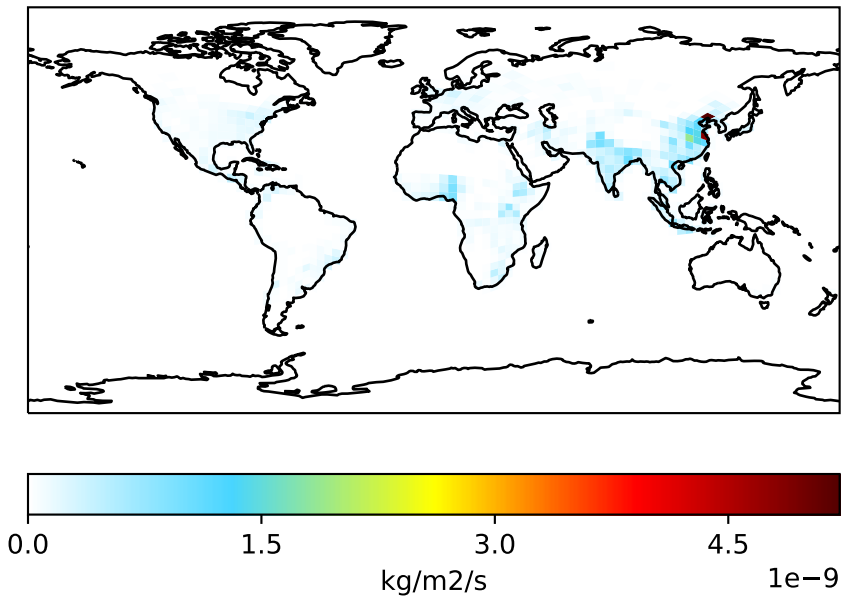
Ratio
Dev/Ref, Fixed Range



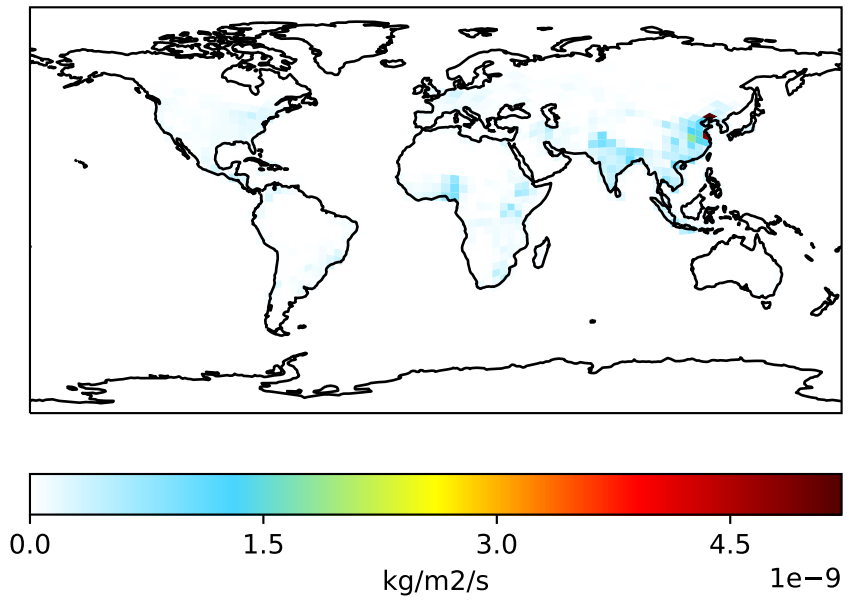
Undefined throughout domain
unitless

EmisCO_Anthro

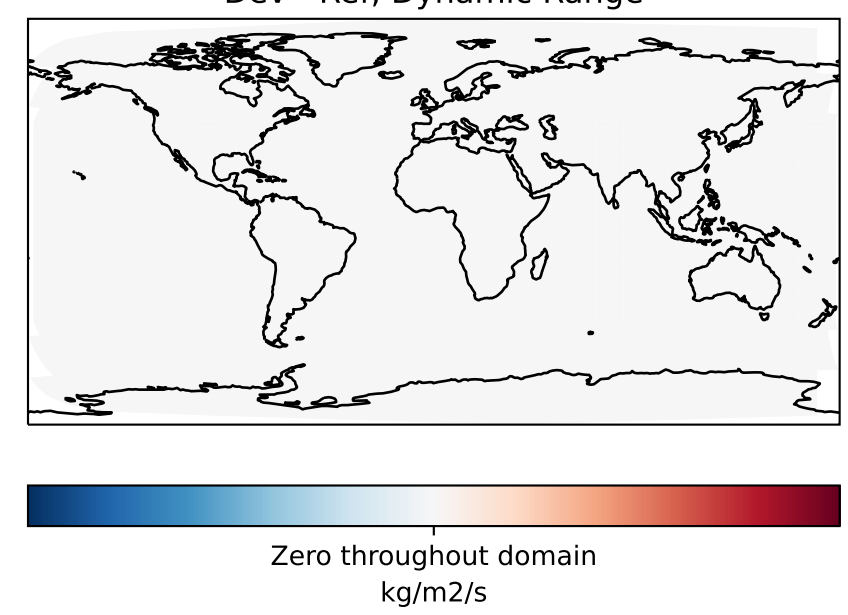
GCHP_14.2.0_MERRA2 (Ref)
c24



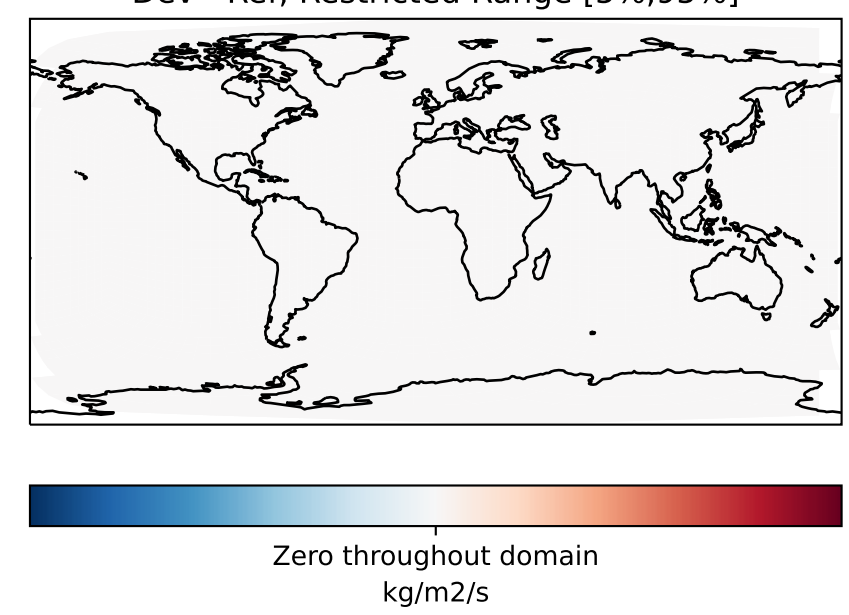
GCHP_14.2.0_GEOS-FP (Dev)
c24



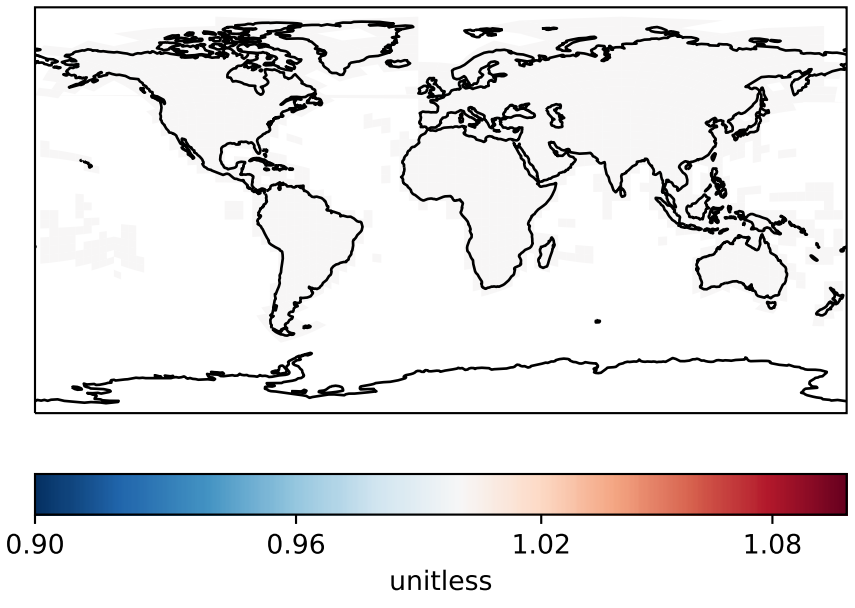
Difference
Dev - Ref, Dynamic Range



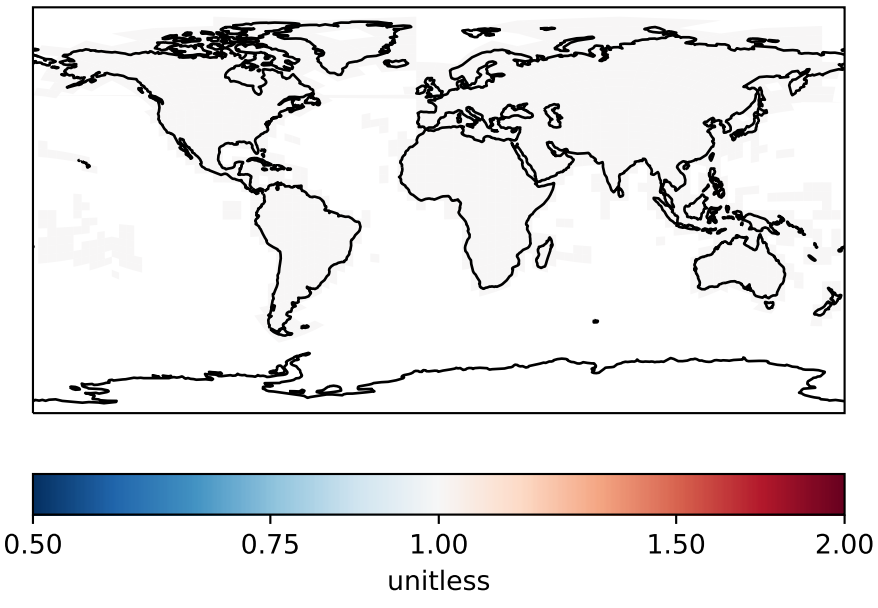
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

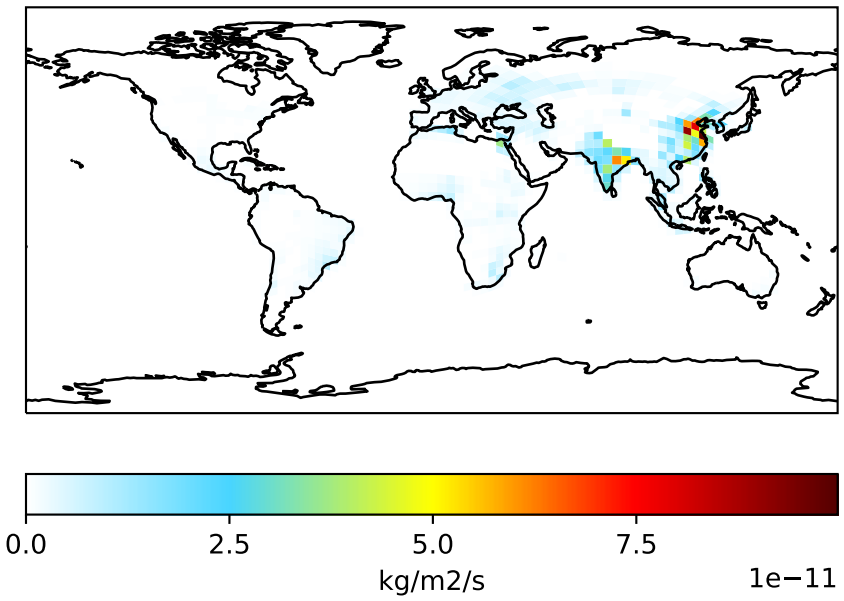


Ratio
Dev/Ref, Fixed Range

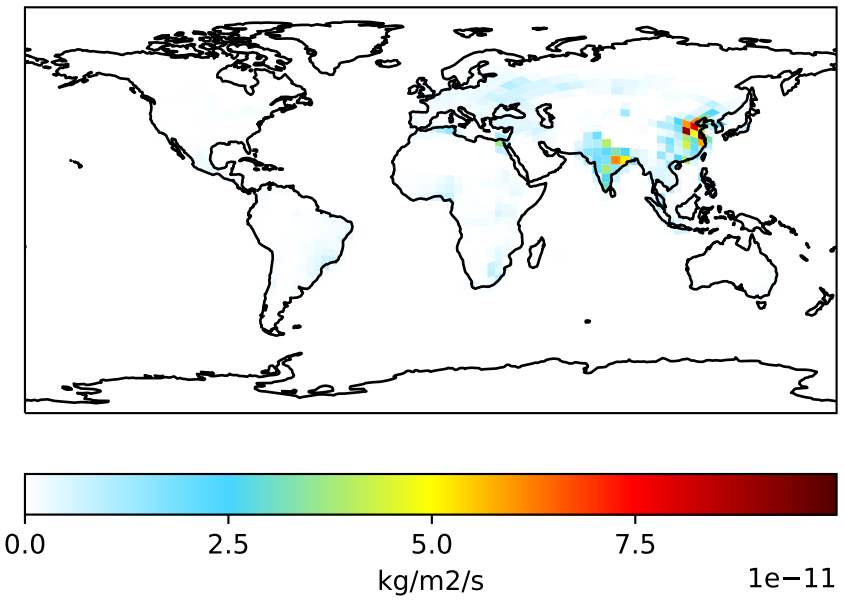


EmisDST1_Anthro

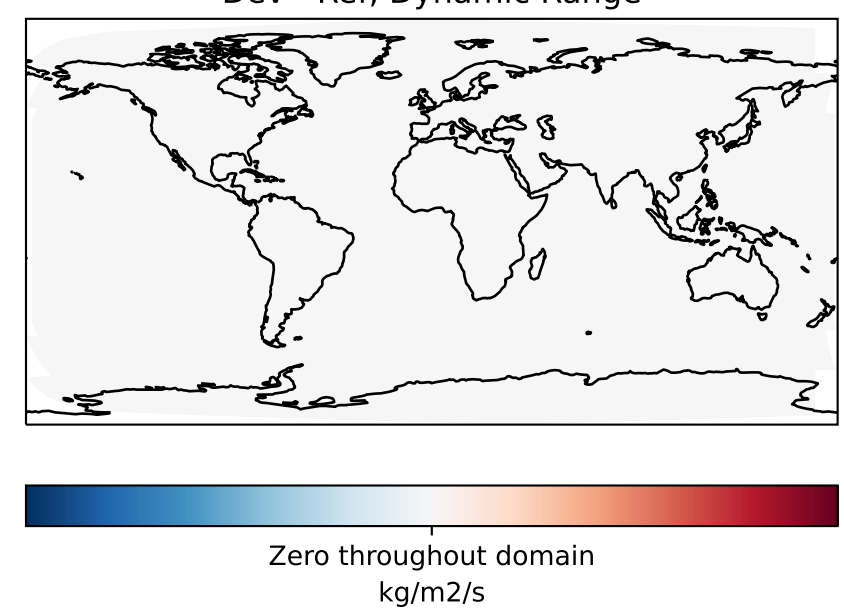
GCHP_14.2.0_MERRA2 (Ref)
c24



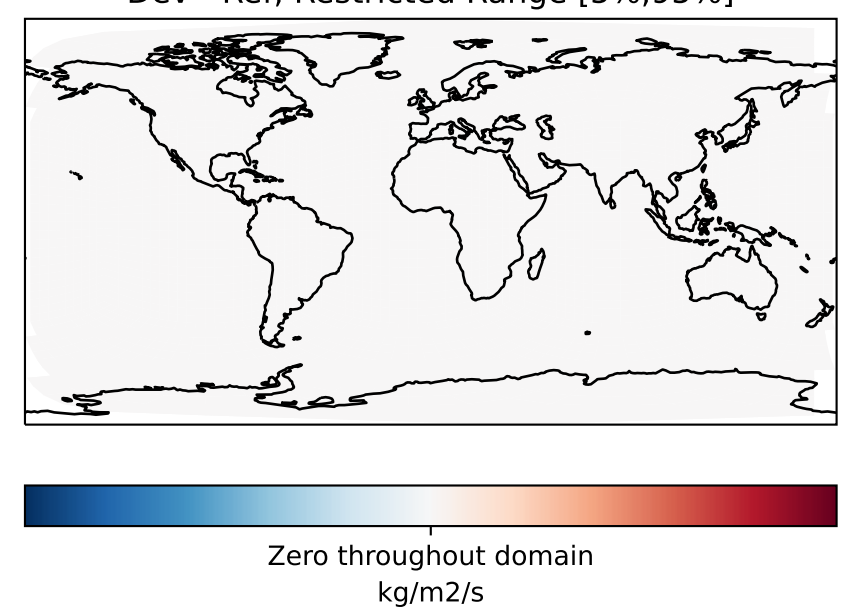
GCHP_14.2.0_GEOS-FP (Dev)
c24



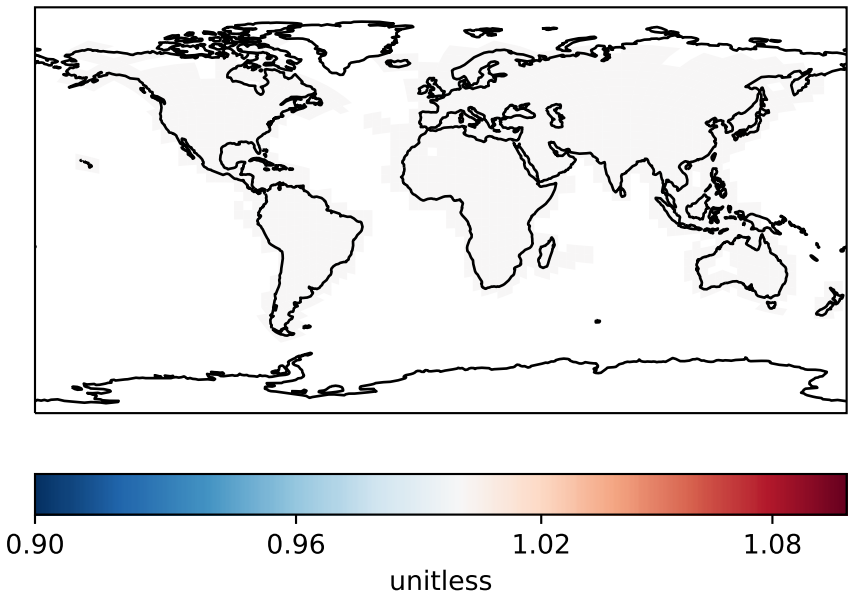
Difference
Dev - Ref, Dynamic Range



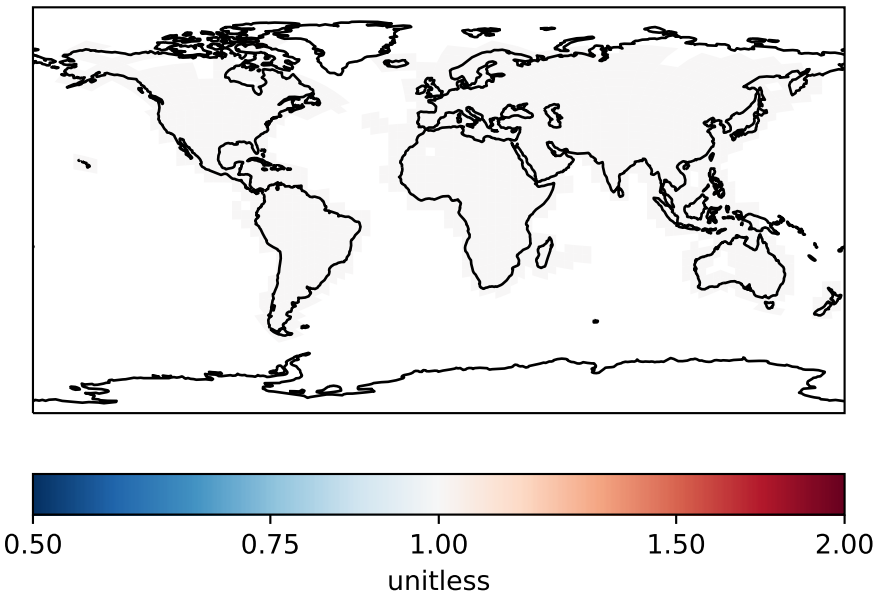
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

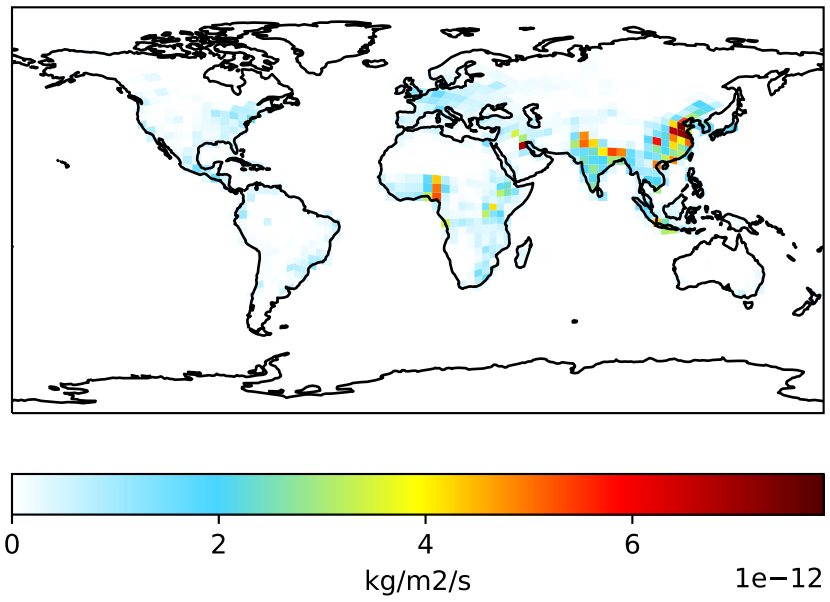


Ratio
Dev/Ref, Fixed Range

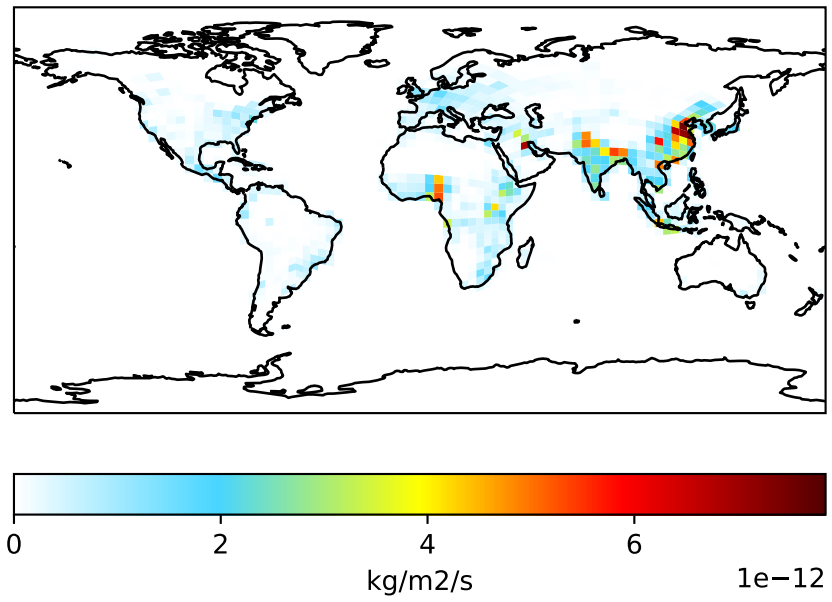


EmisEOH_Anthro

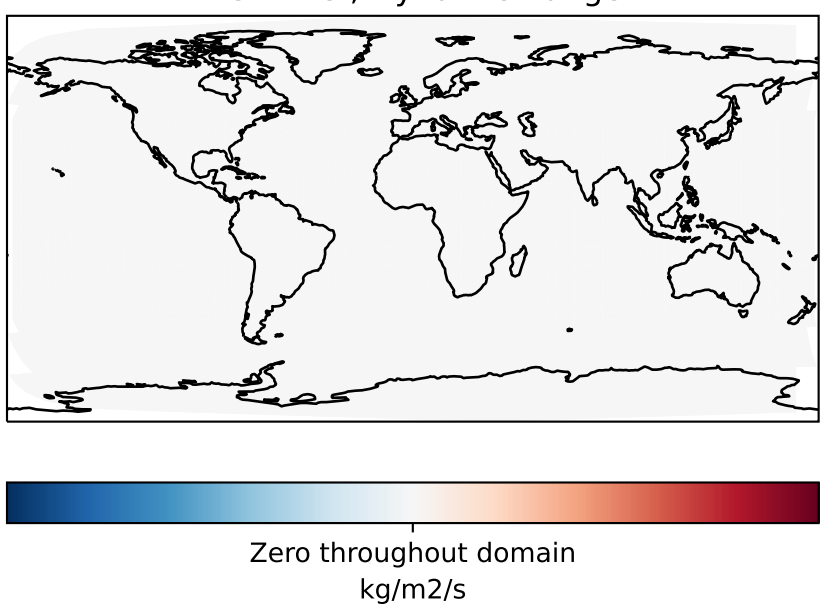
GCHP_14.2.0_MERRA2 (Ref)
c24



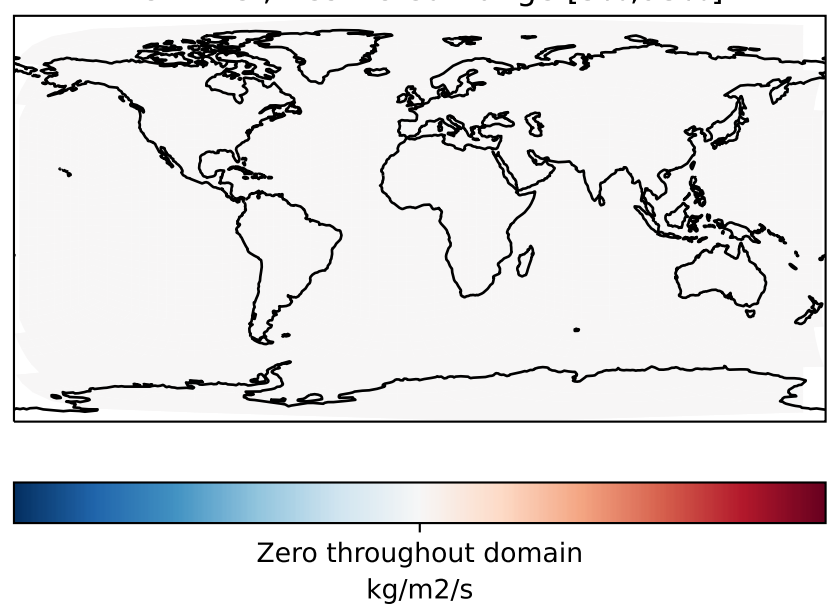
GCHP_14.2.0_GEOS-FP (Dev)
c24



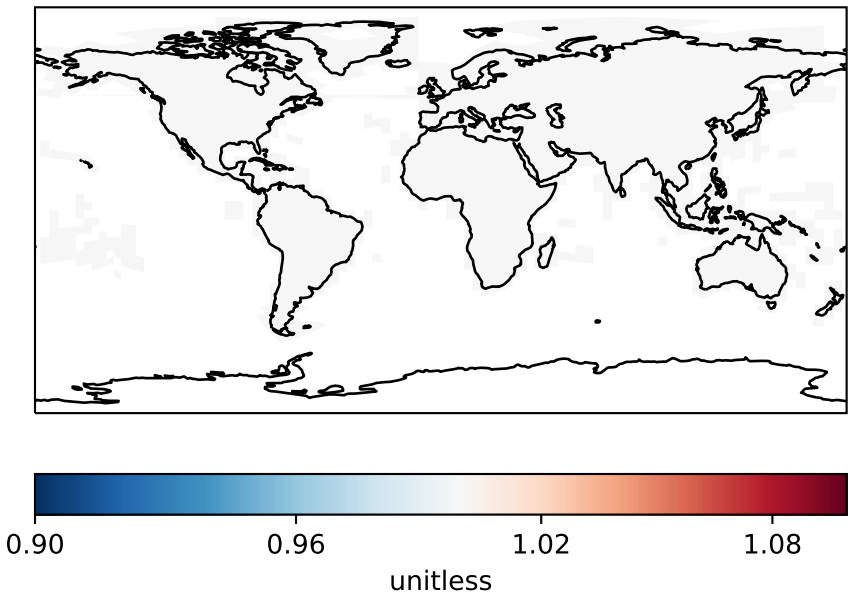
Difference
Dev - Ref, Dynamic Range



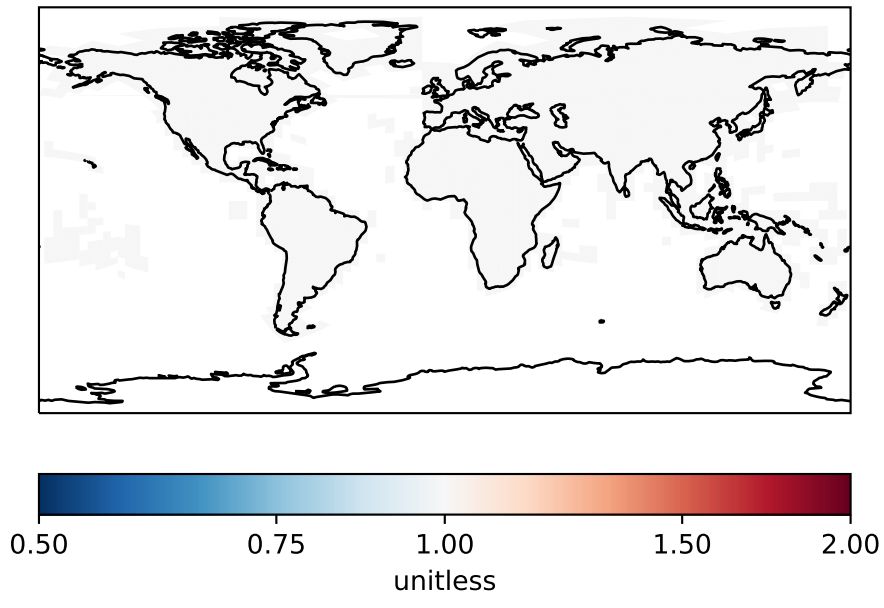
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

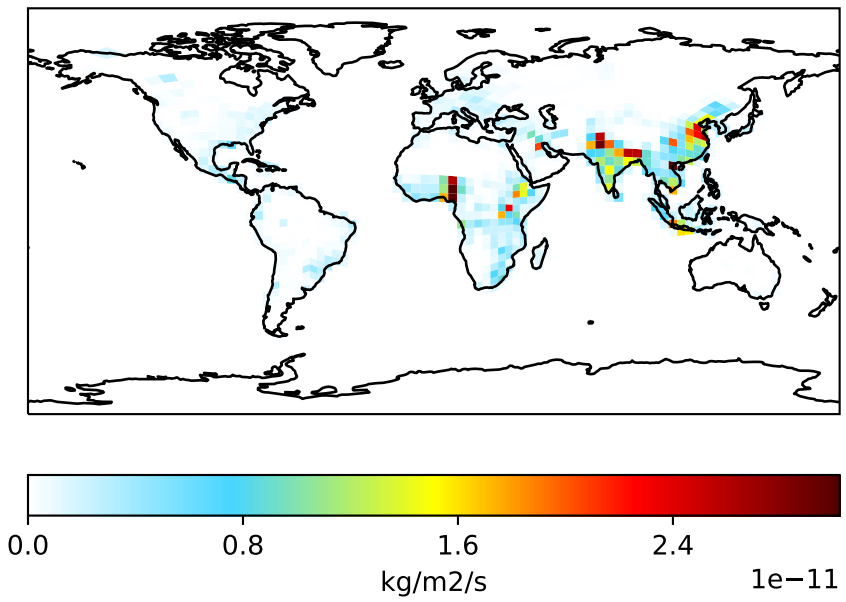


Ratio
Dev/Ref, Fixed Range

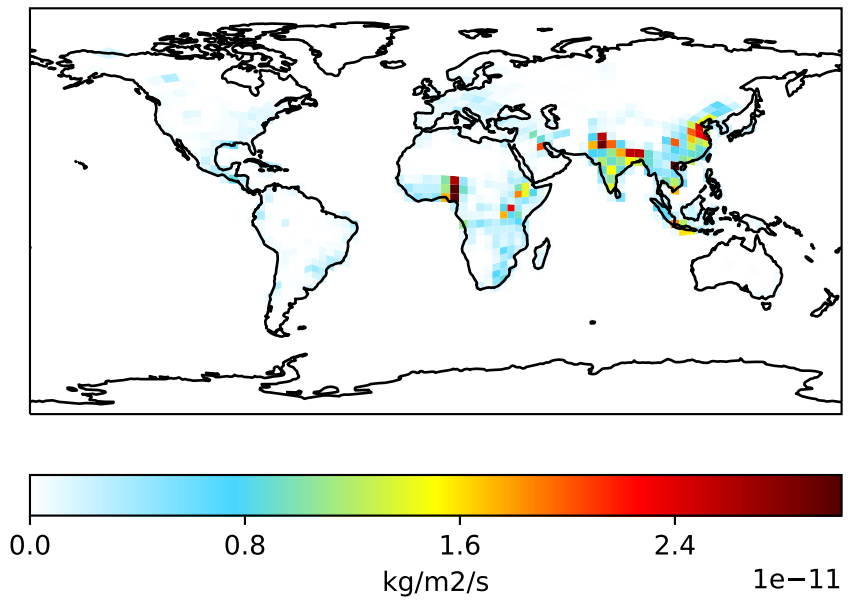


EmisHCOOH_Anthro

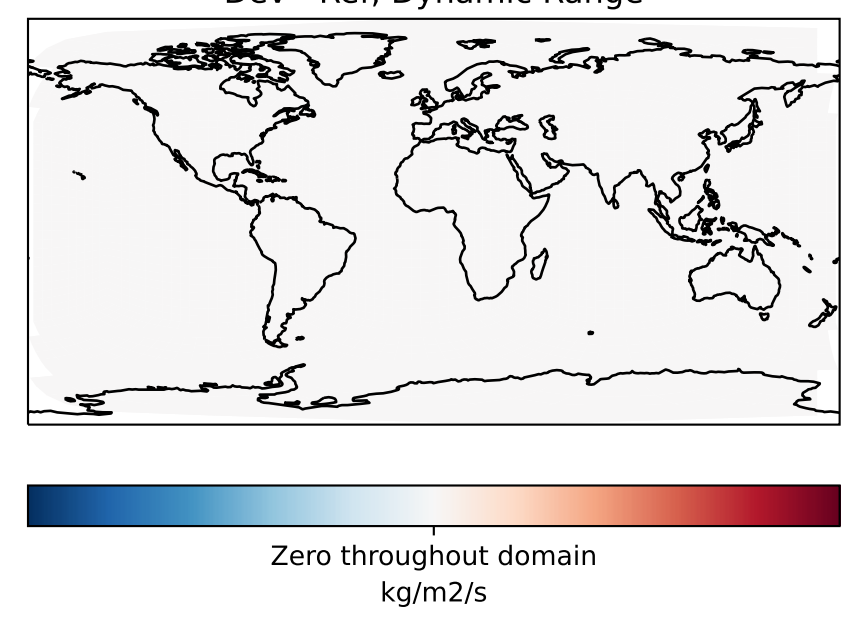
GCHP_14.2.0_MERRA2 (Ref)
c24



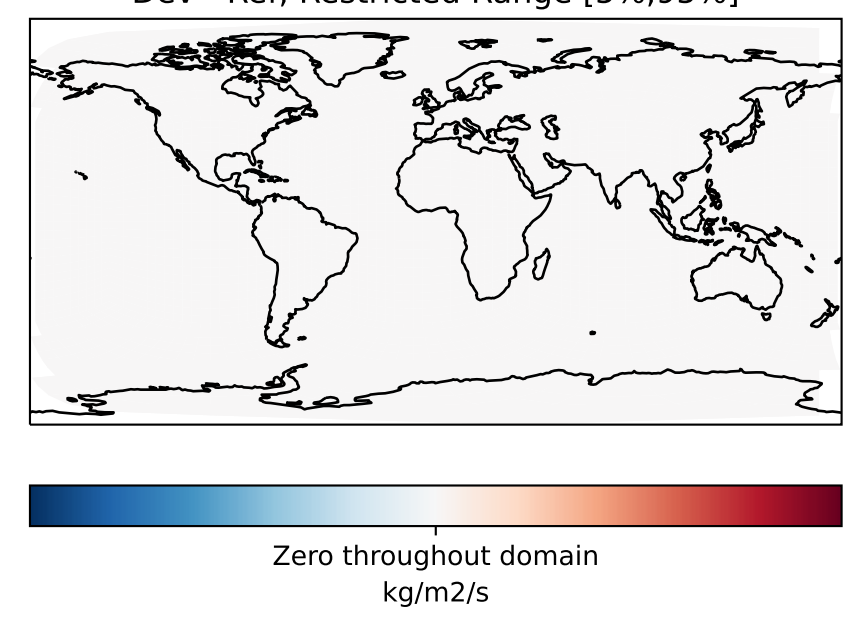
GCHP_14.2.0_GEOS-FP (Dev)
c24



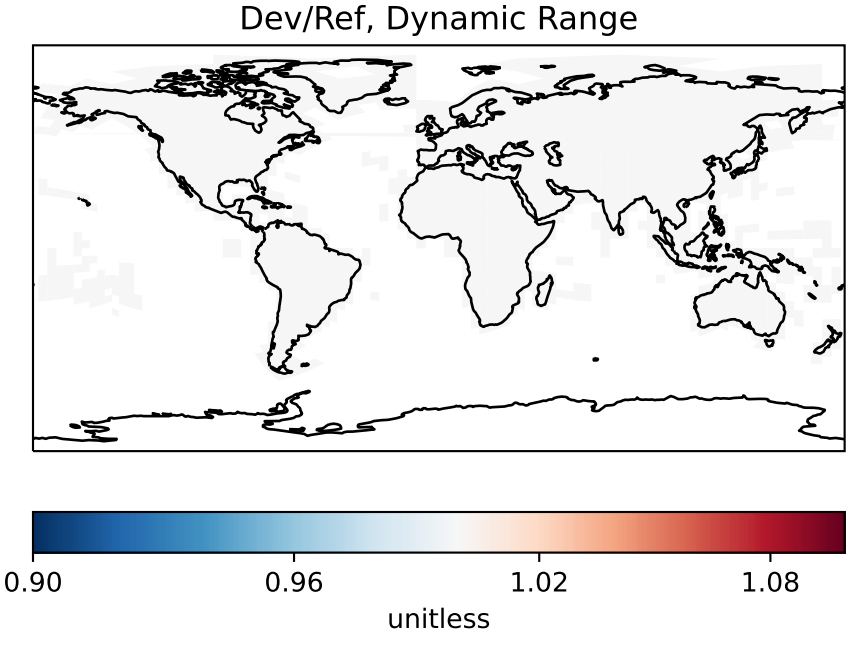
Difference
Dev - Ref, Dynamic Range



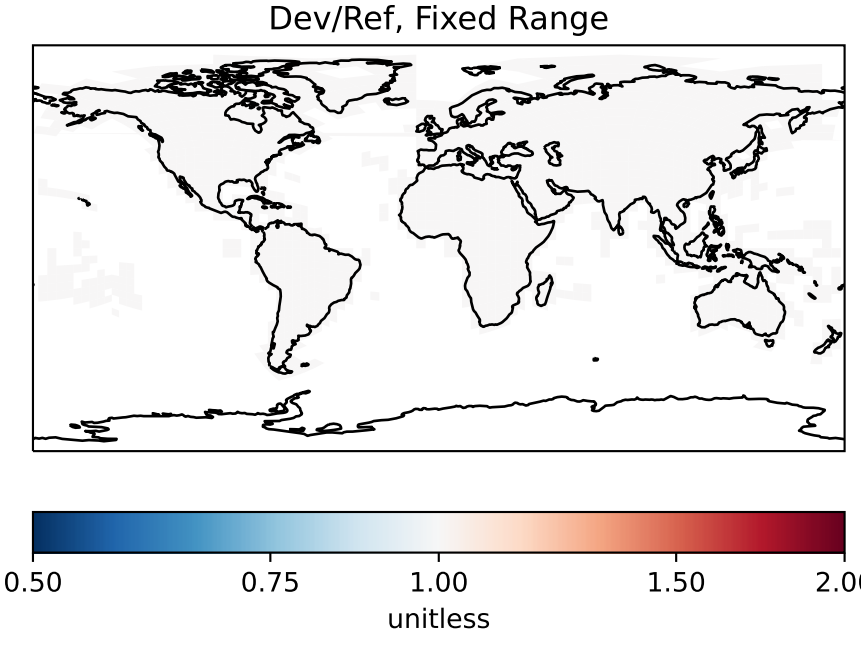
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

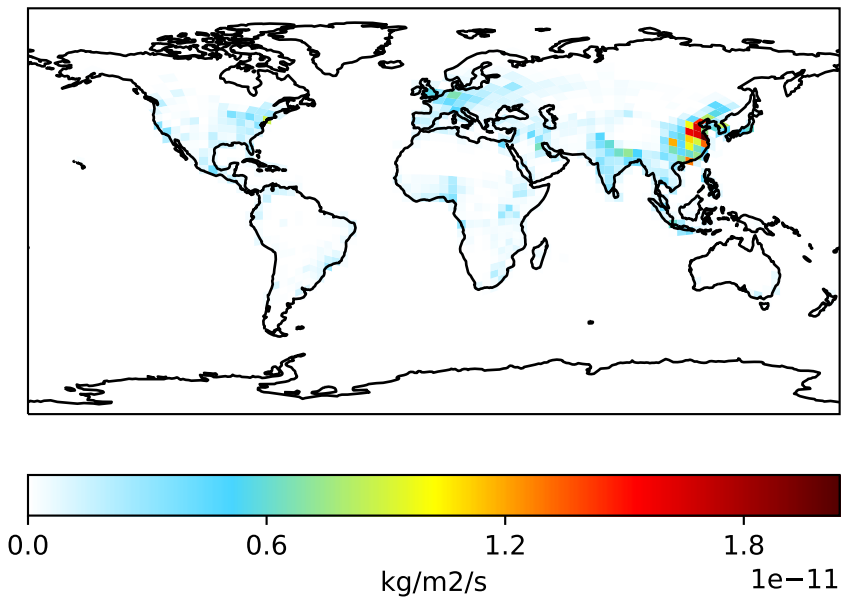


Ratio
Dev/Ref, Fixed Range

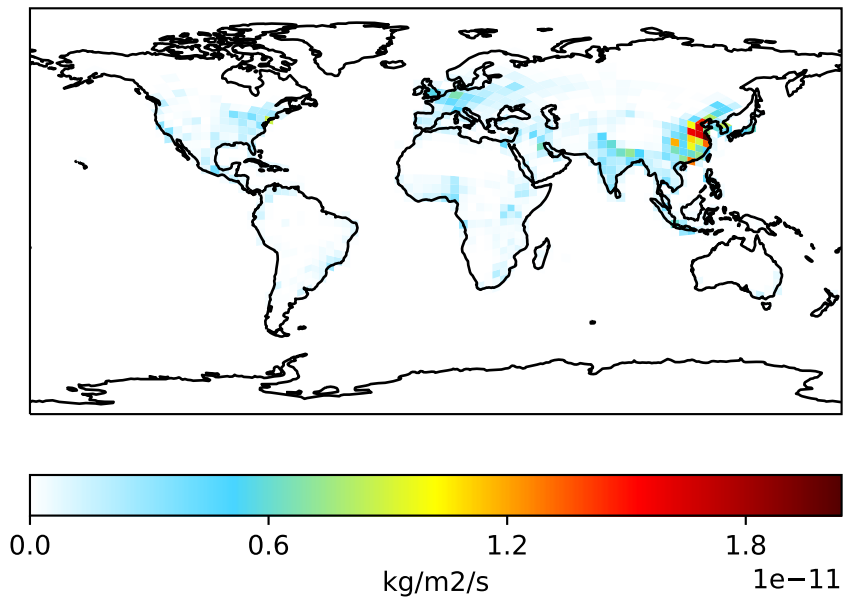


EmisMEK_Anthro

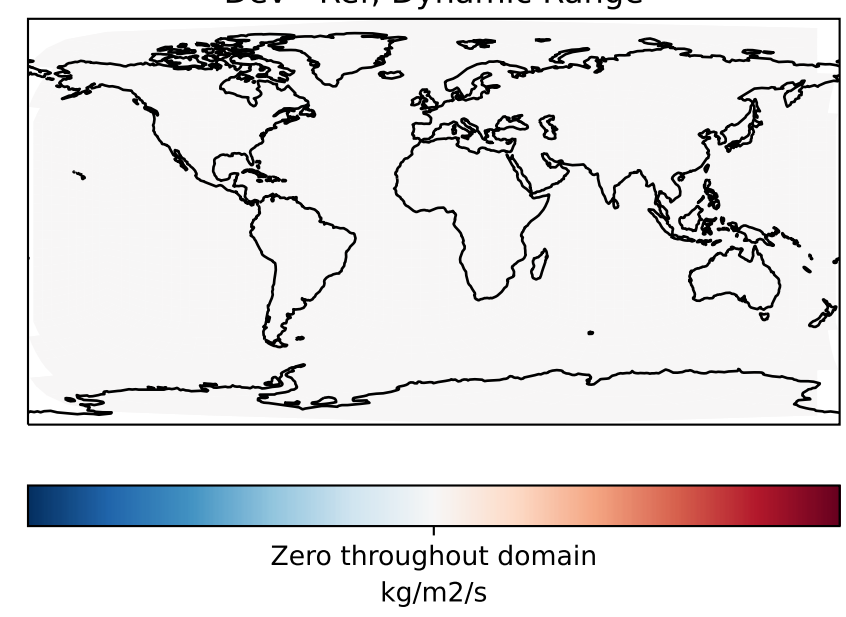
GCHP_14.2.0_MERRA2 (Ref)
c24



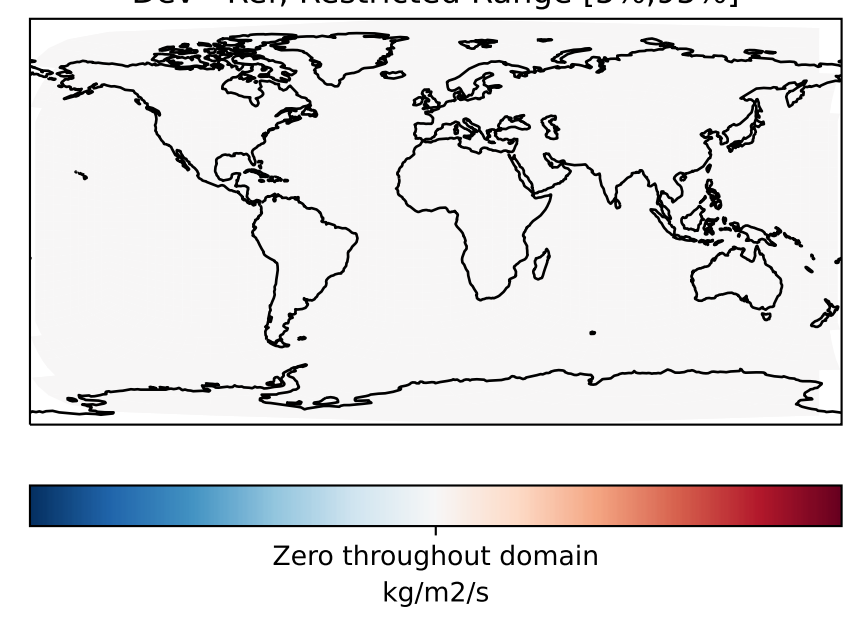
GCHP_14.2.0_GEOS-FP (Dev)
c24



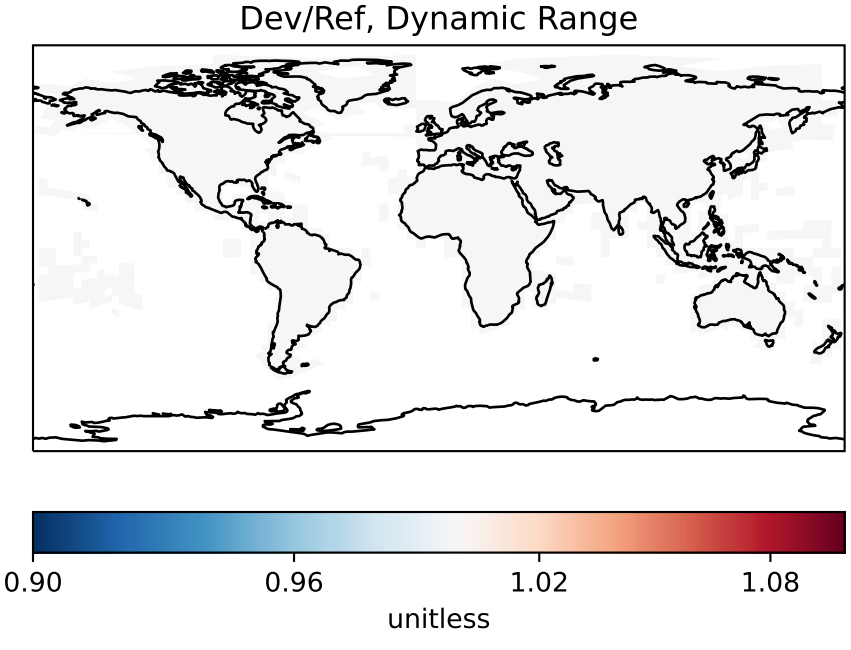
Difference
Dev - Ref, Dynamic Range



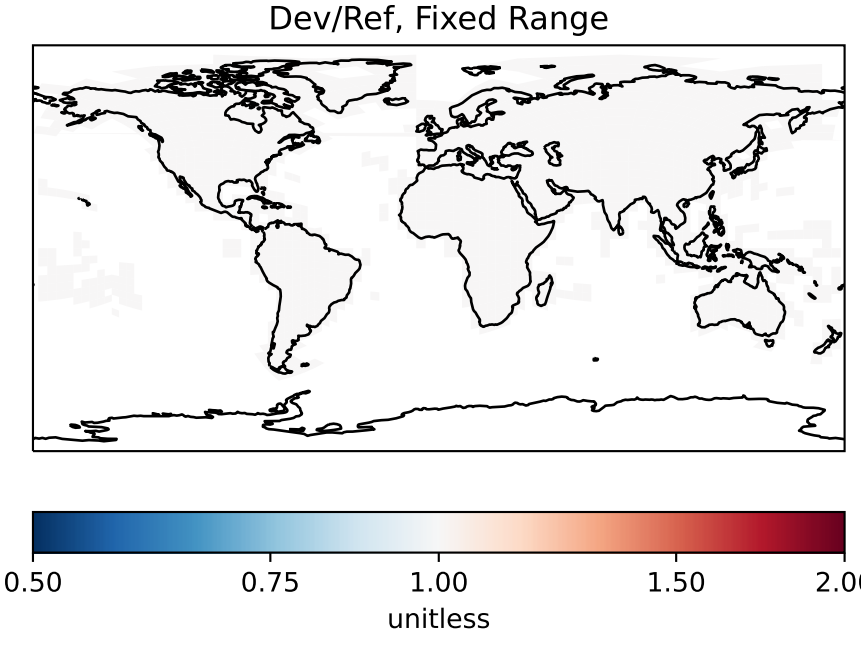
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

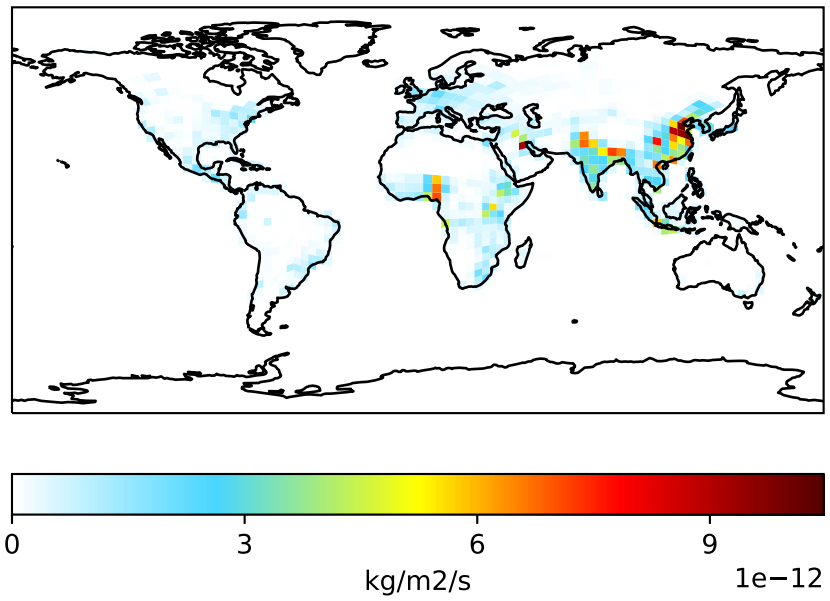


Ratio
Dev/Ref, Fixed Range

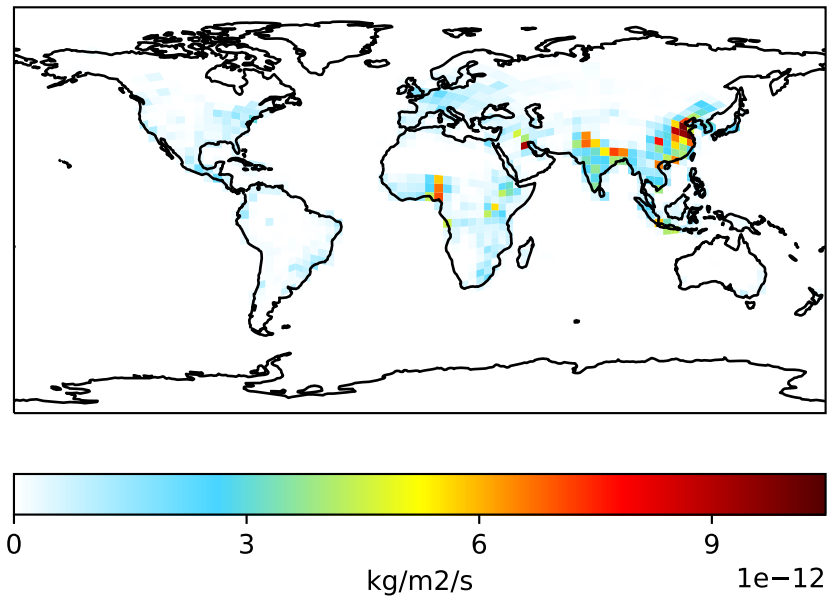


EmisMOH_Anthro

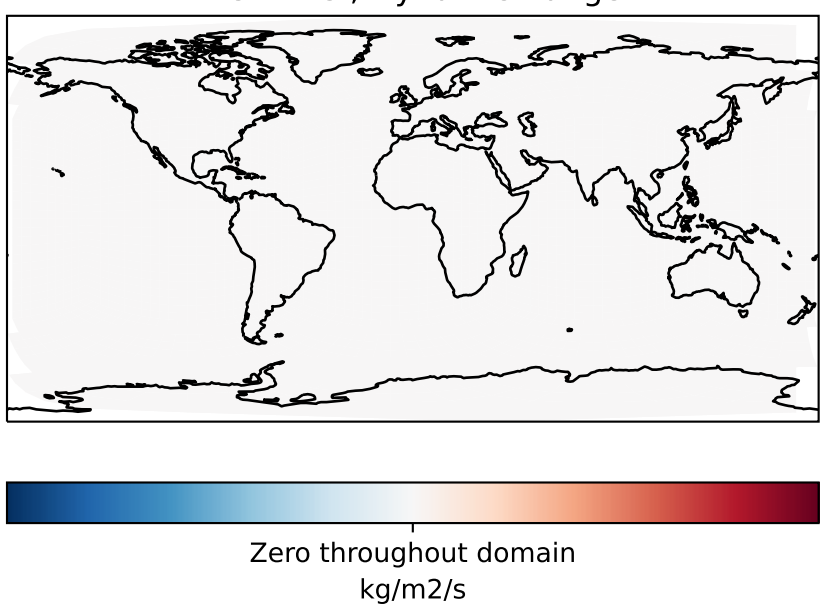
GCHP_14.2.0_MERRA2 (Ref)
c24



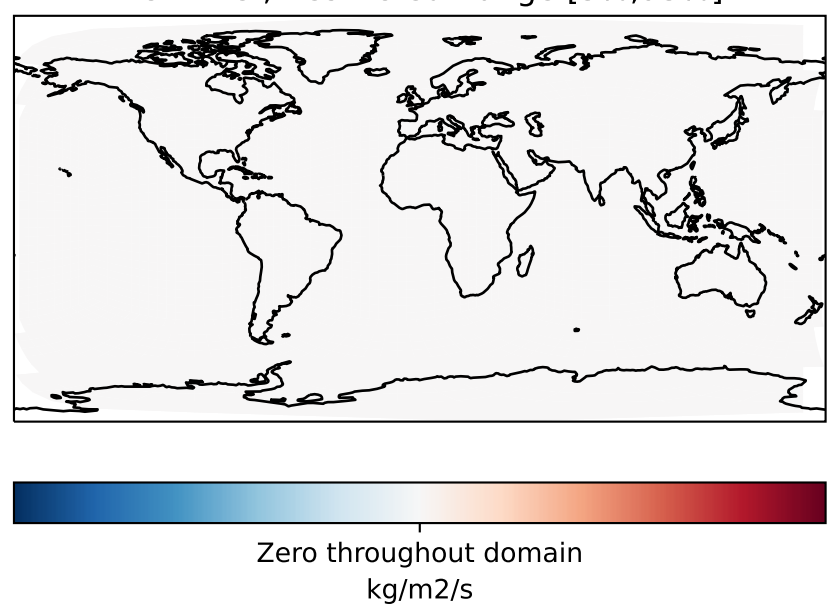
GCHP_14.2.0_GEOS-FP (Dev)
c24



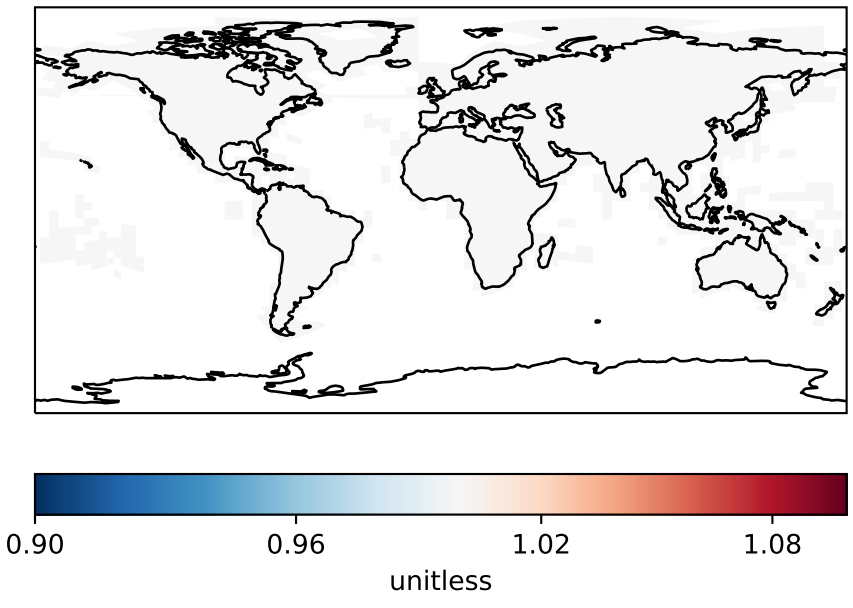
Difference
Dev - Ref, Dynamic Range



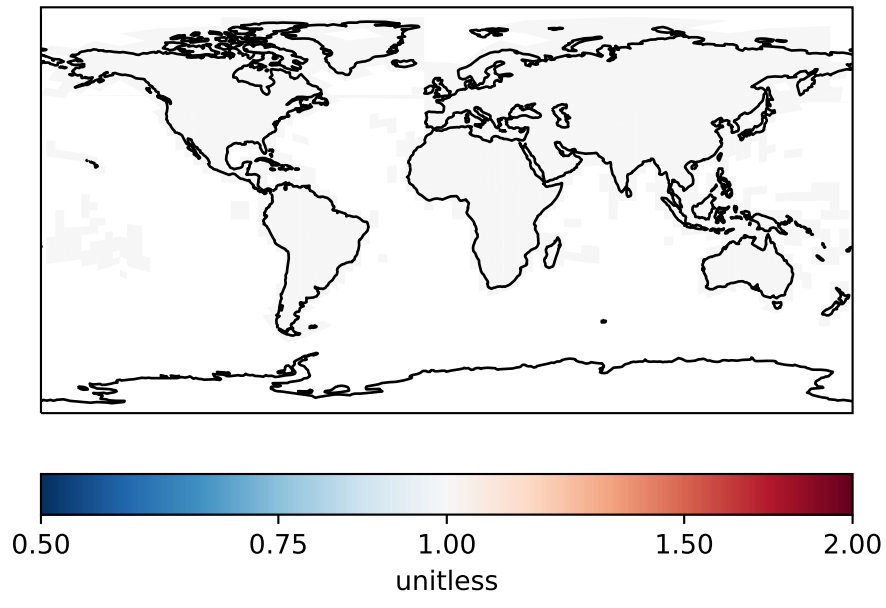
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

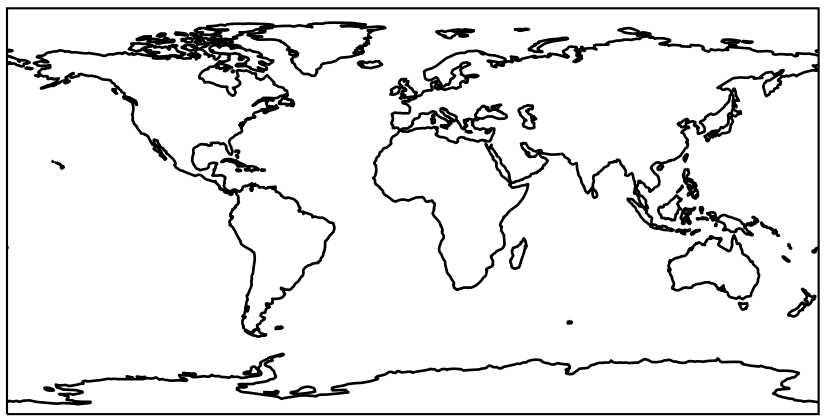


Ratio
Dev/Ref, Fixed Range



EmisNAP_Anthro

GCHP_14.2.0_MERRA2 (Ref)
c24



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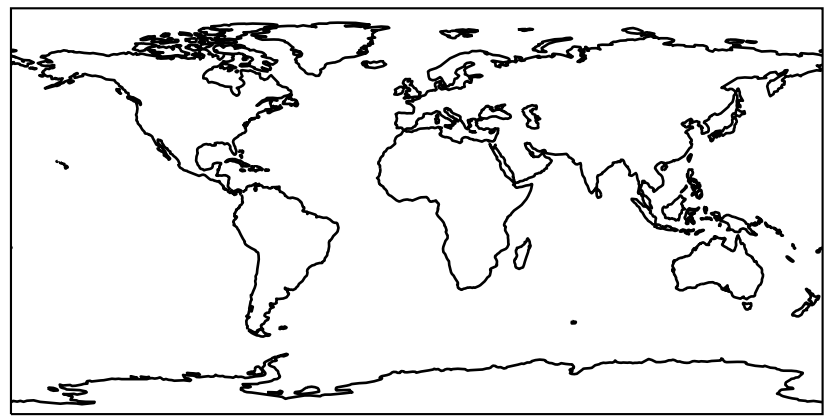
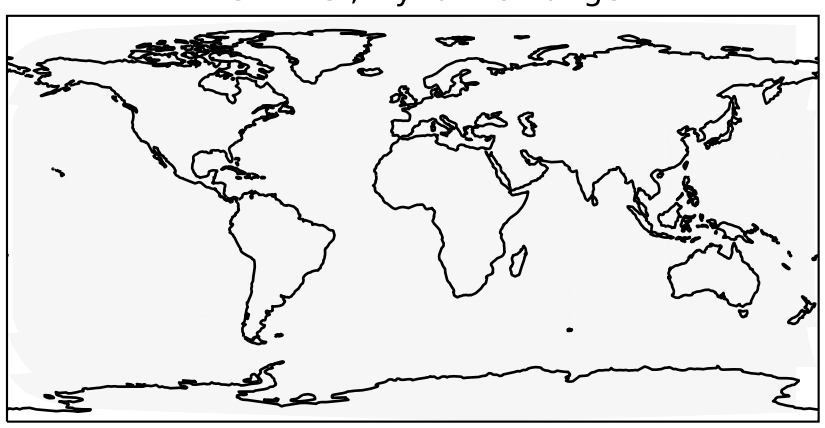
kg/m2/s

GCHP_14.2.0_GEOS-FP (Dev)
c24



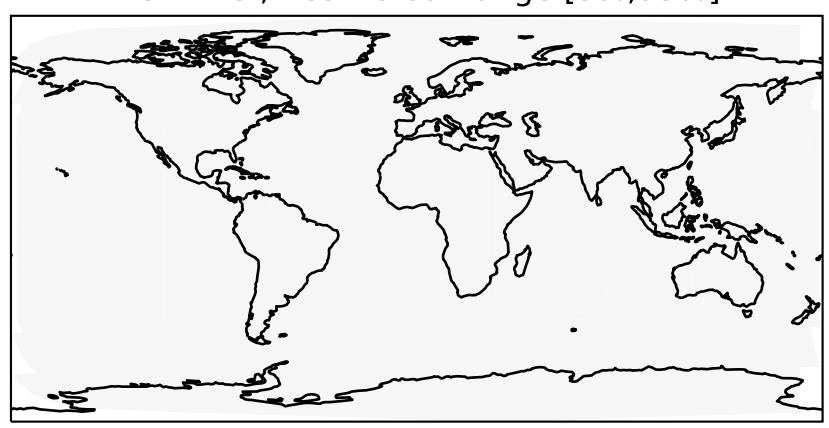
Zero throughout domain
kg/m2/s

Difference
Dev - Ref, Dynamic Range



Zero throughout domain
kg/m2/s

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



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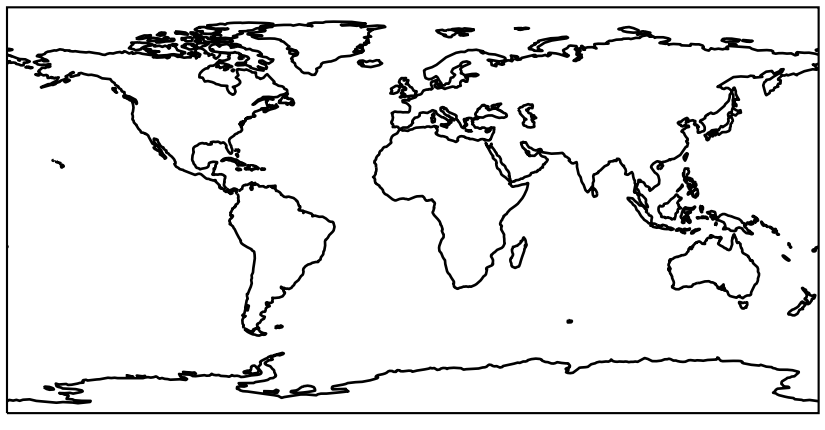
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



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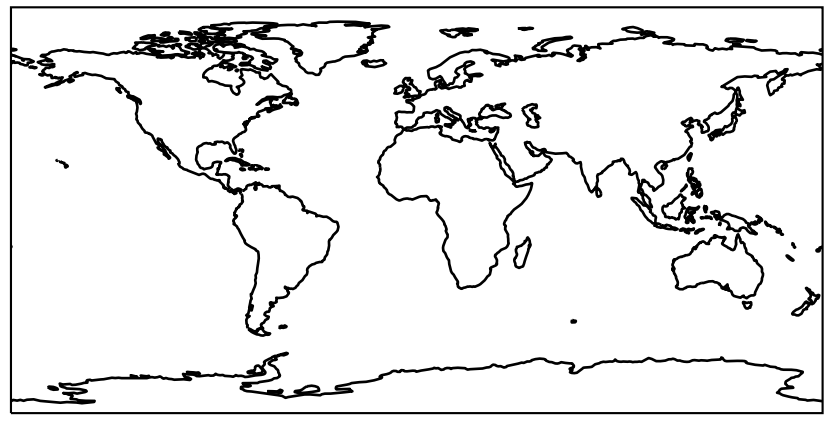
Ratio
Dev/Ref, Fixed Range



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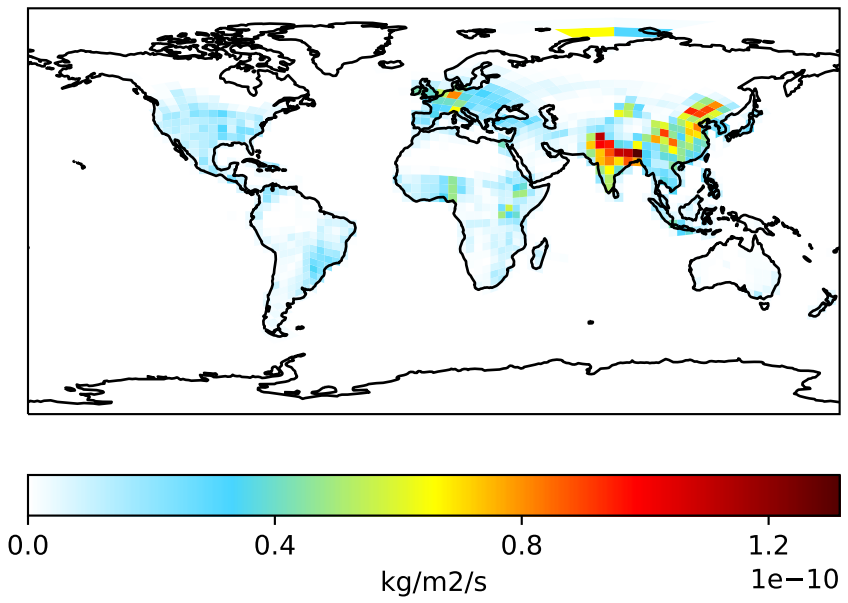
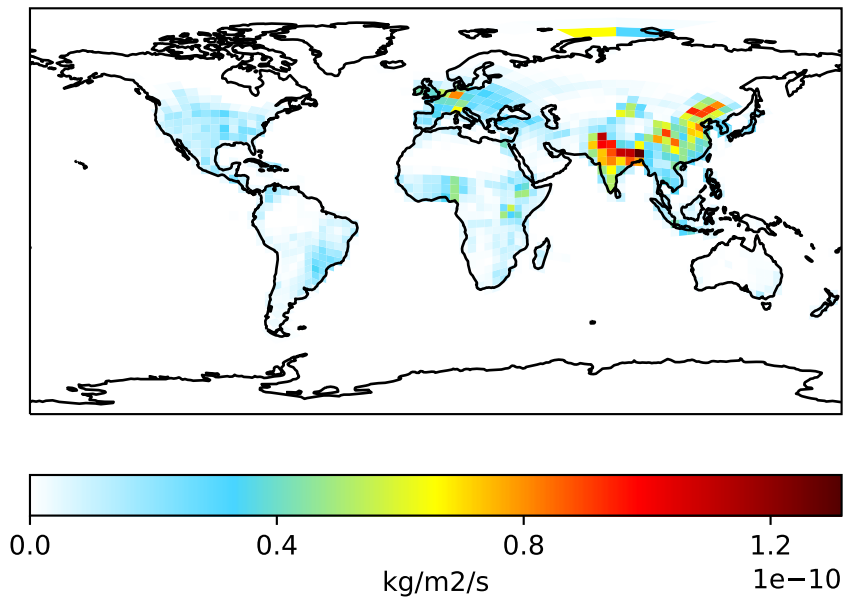
unitless

EmisNH3_Anthro

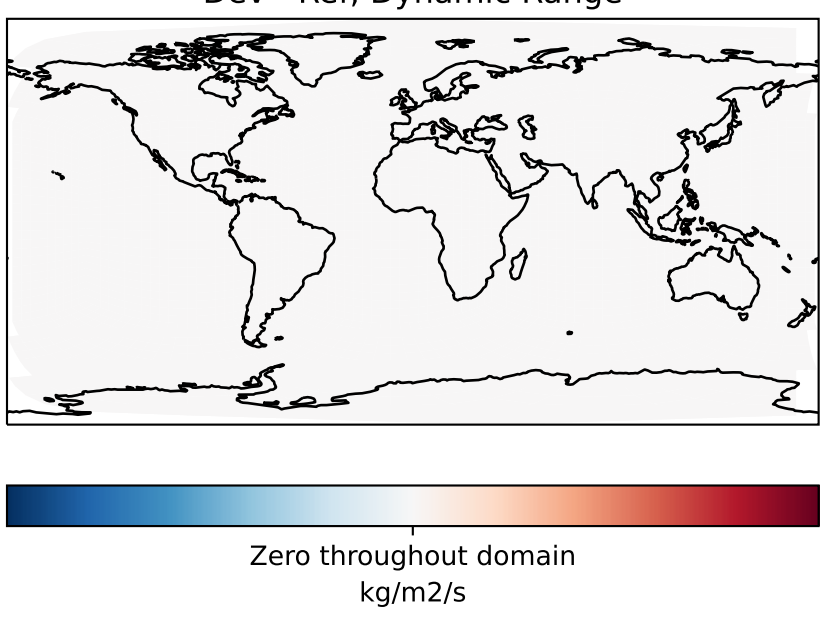
GCHP_14.2.0_MERRA2 (Ref)
c24



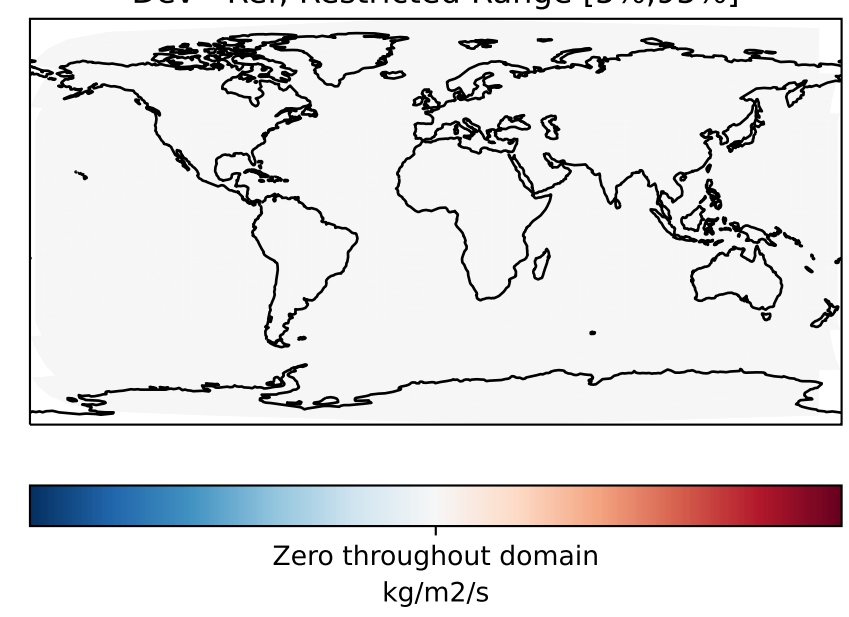
GCHP_14.2.0_GEOS-FP (Dev)
c24



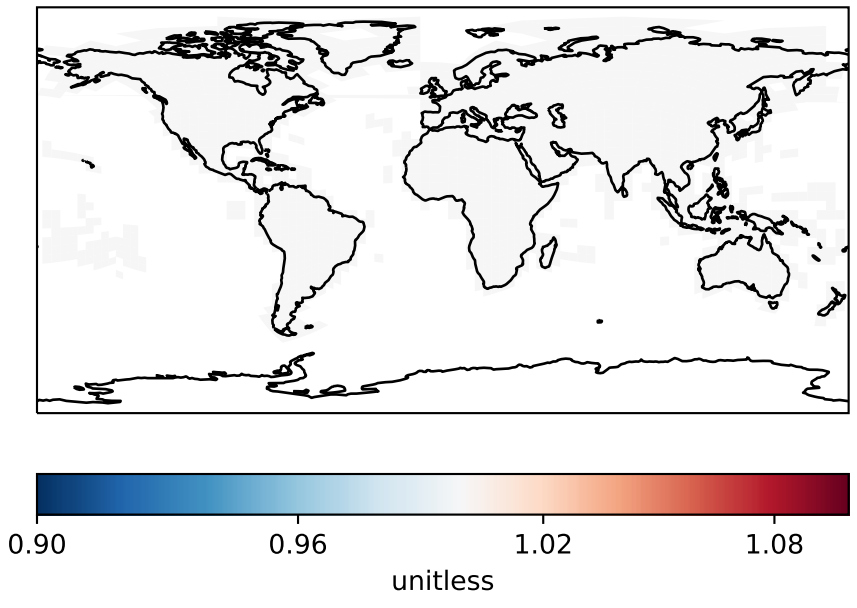
Difference
Dev - Ref, Dynamic Range



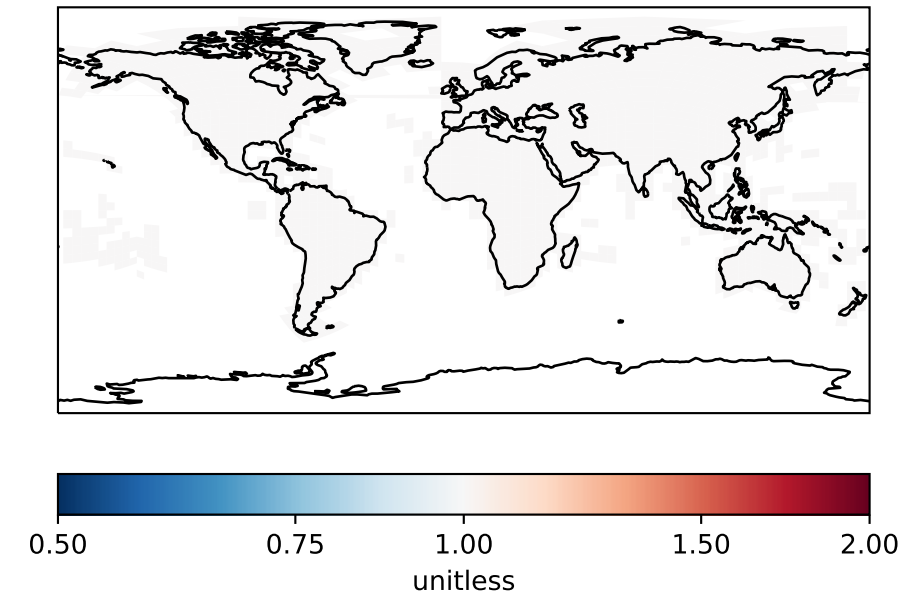
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

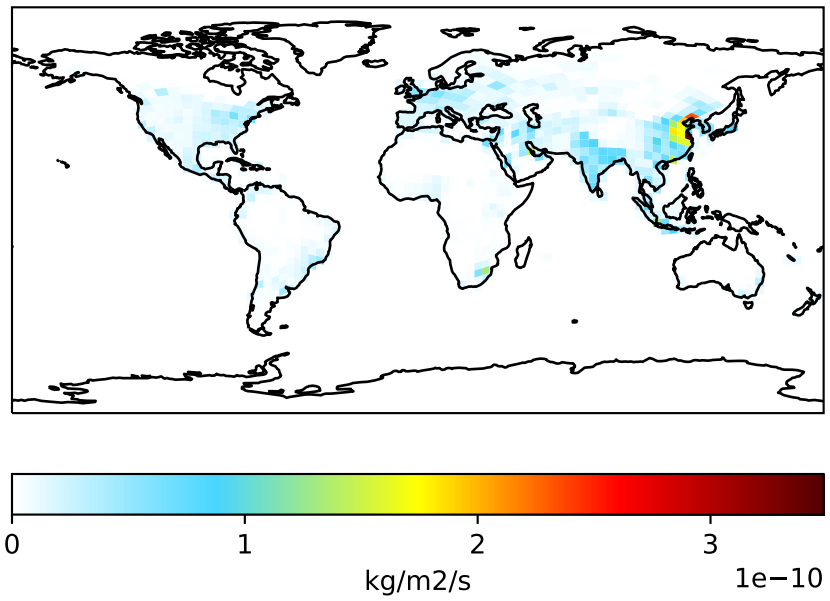


Ratio
Dev/Ref, Fixed Range

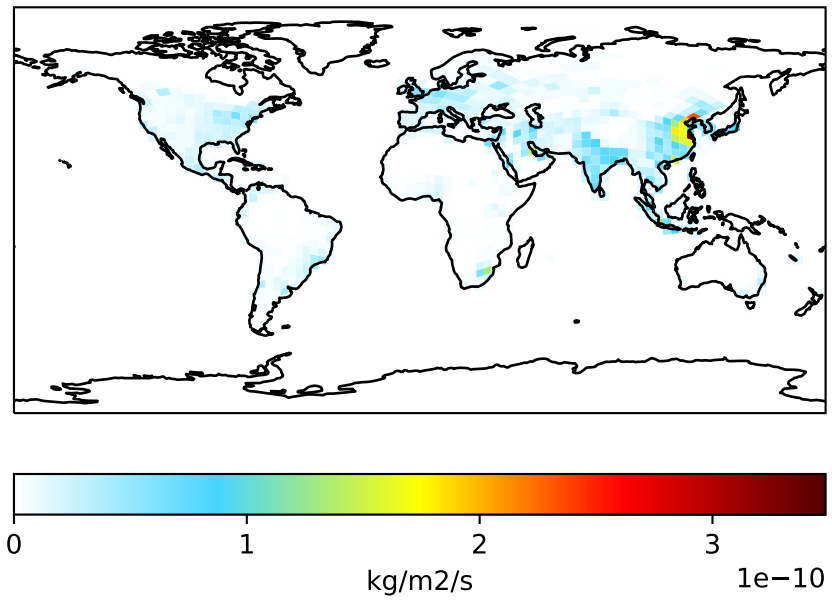


EmisNO_Anthro

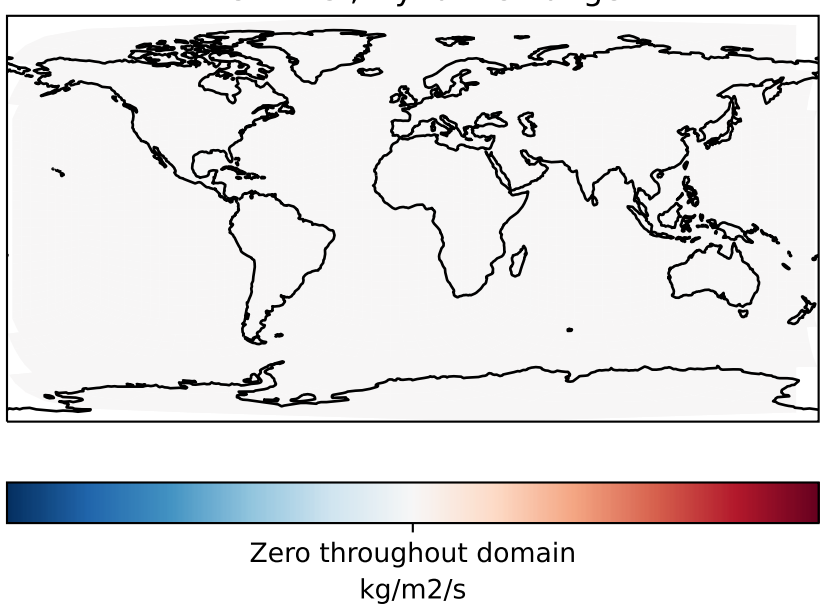
GCHP_14.2.0_MERRA2 (Ref)
c24



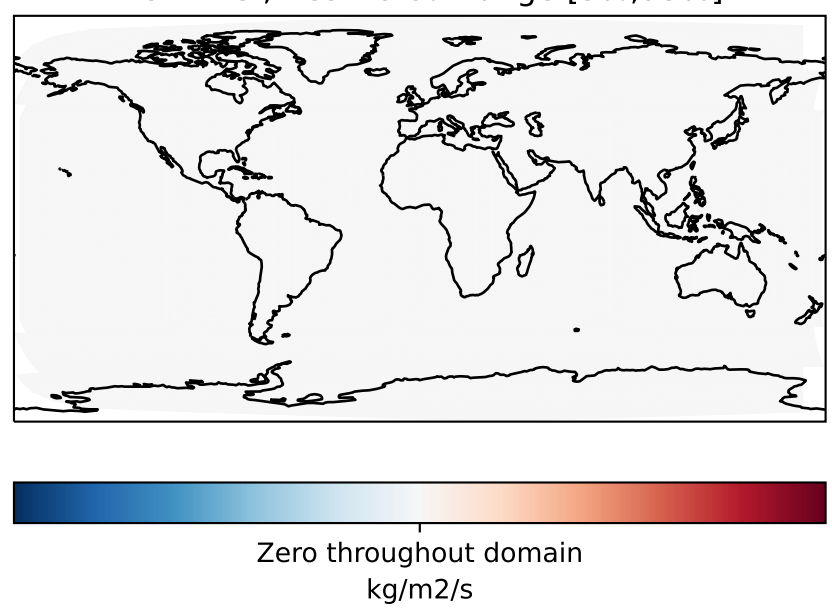
GCHP_14.2.0_GEOS-FP (Dev)
c24



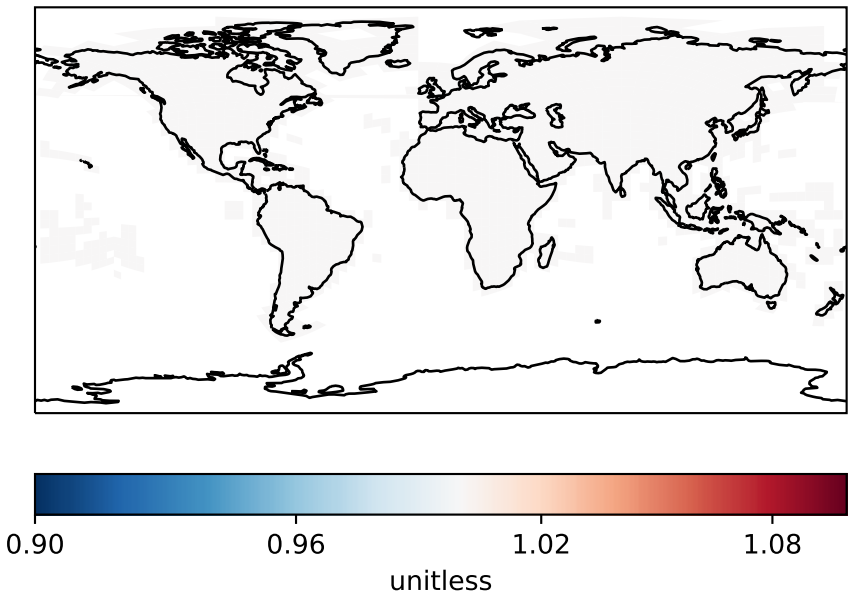
Difference
Dev - Ref, Dynamic Range



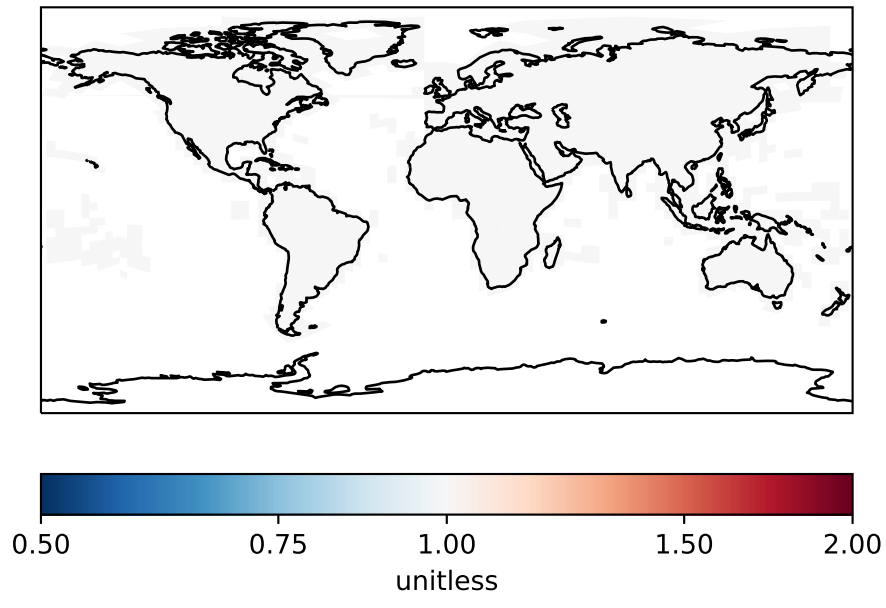
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

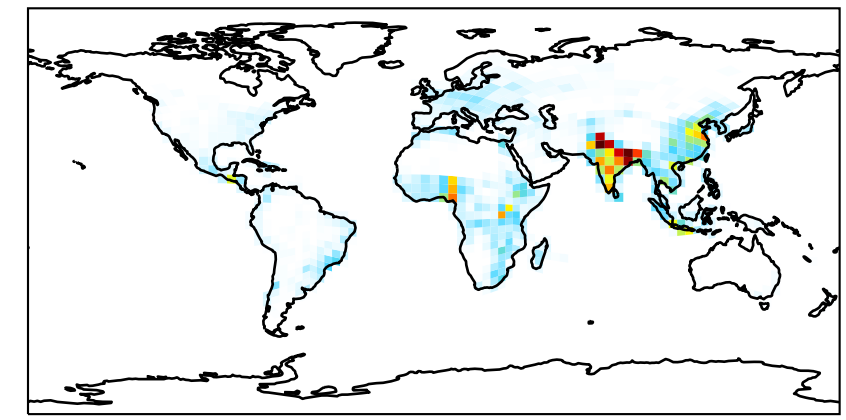


Ratio
Dev/Ref, Fixed Range

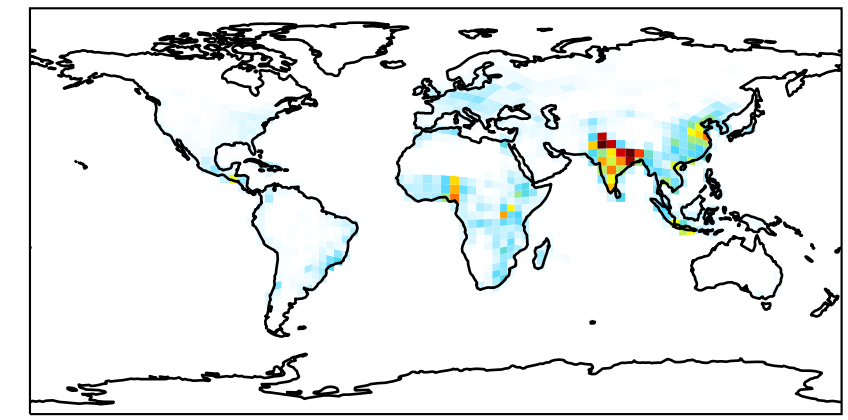


EmisOCPI_Anthro

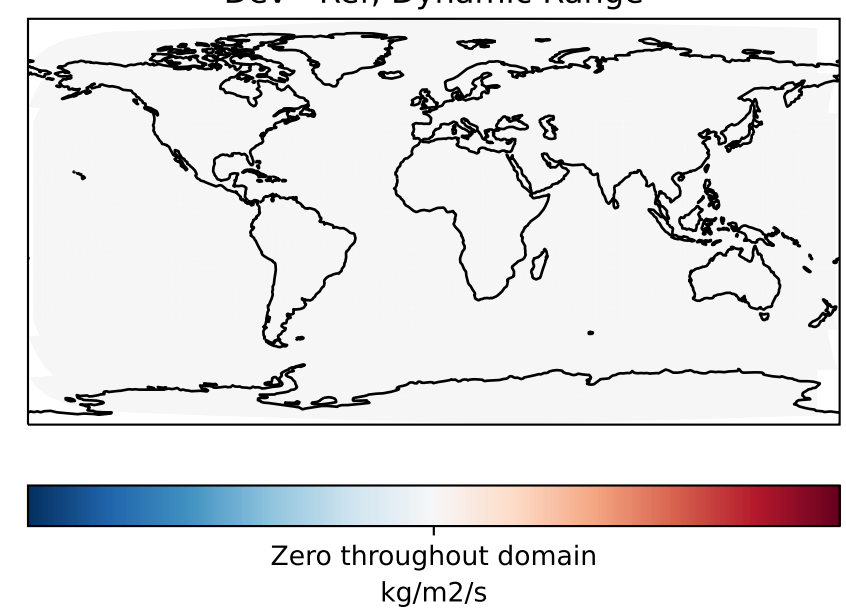
GCHP_14.2.0_MERRA2 (Ref)
c24



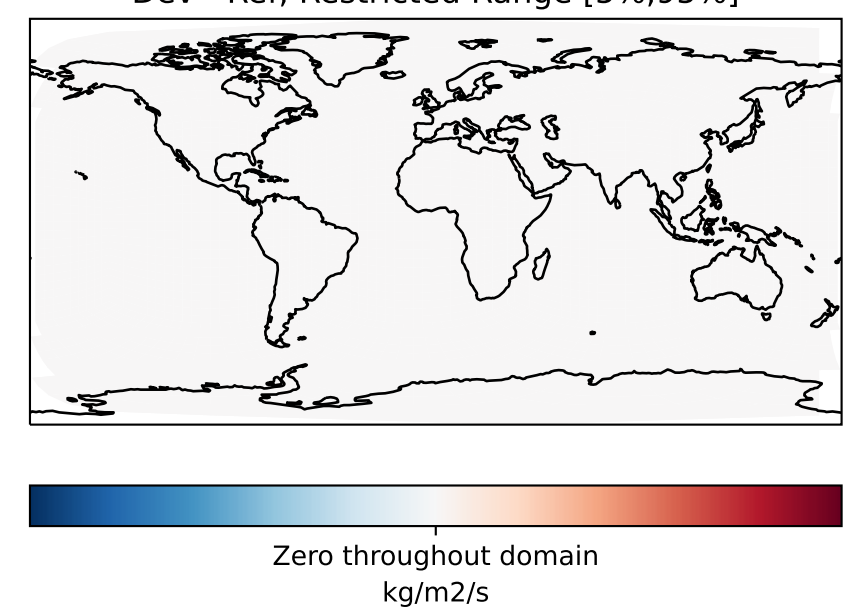
GCHP_14.2.0_GEOS-FP (Dev)
c24



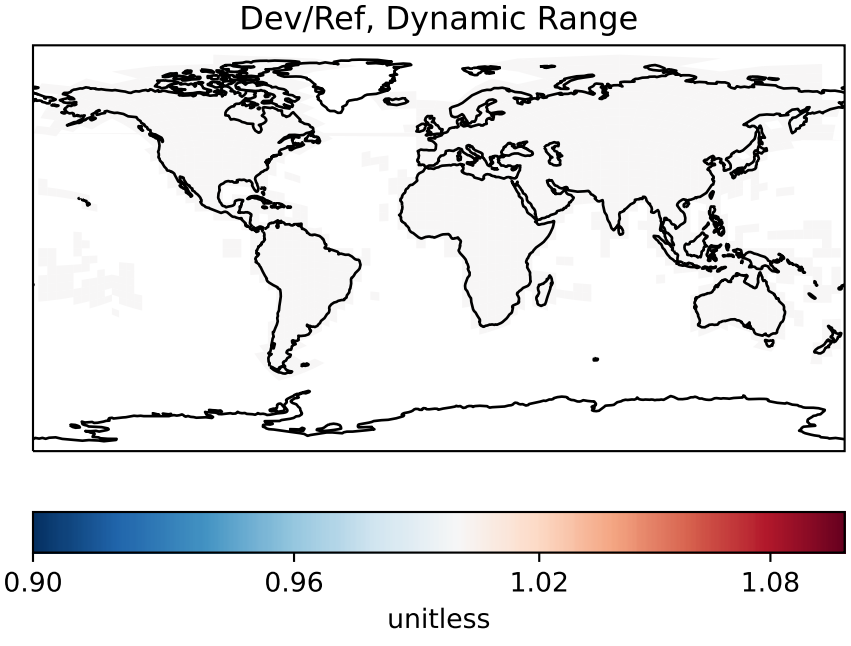
Difference
Dev - Ref, Dynamic Range



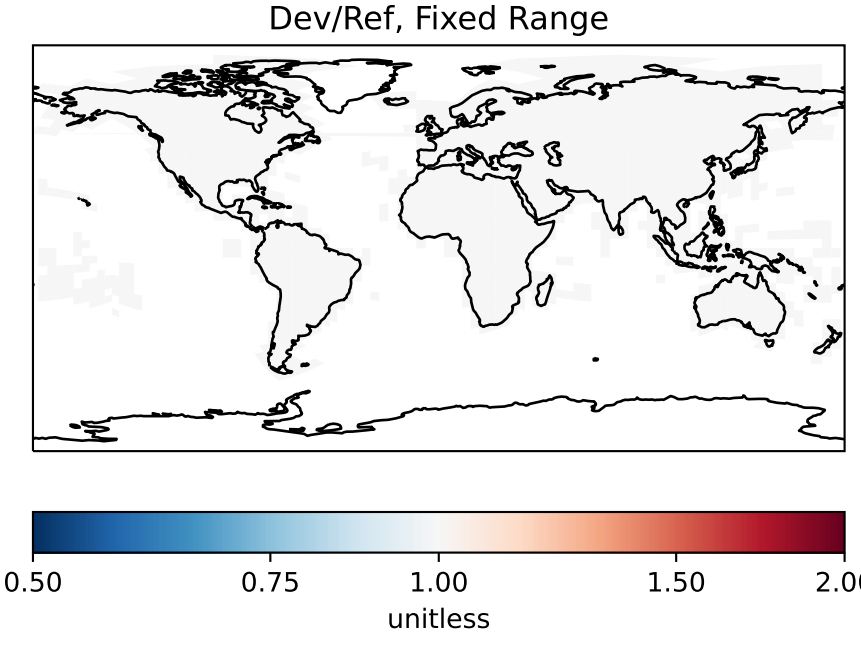
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

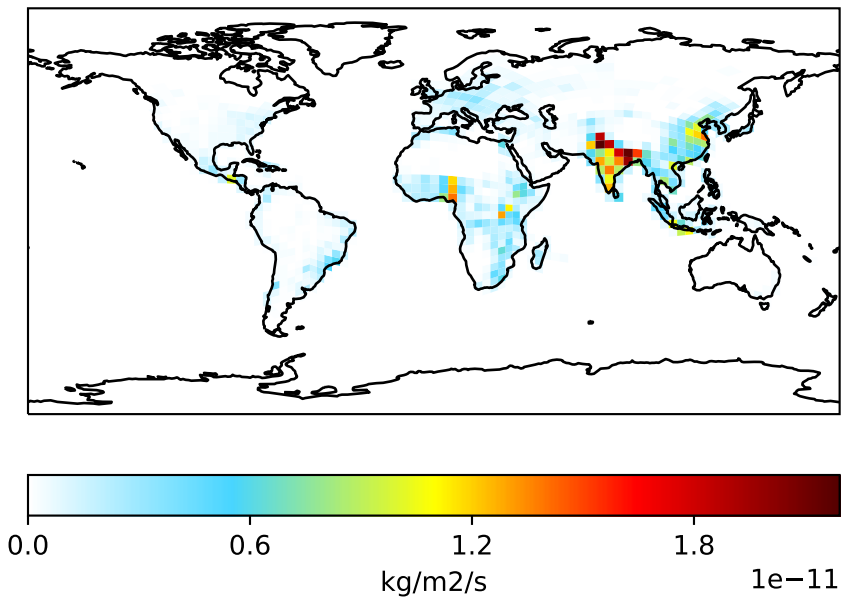


Ratio
Dev/Ref, Fixed Range

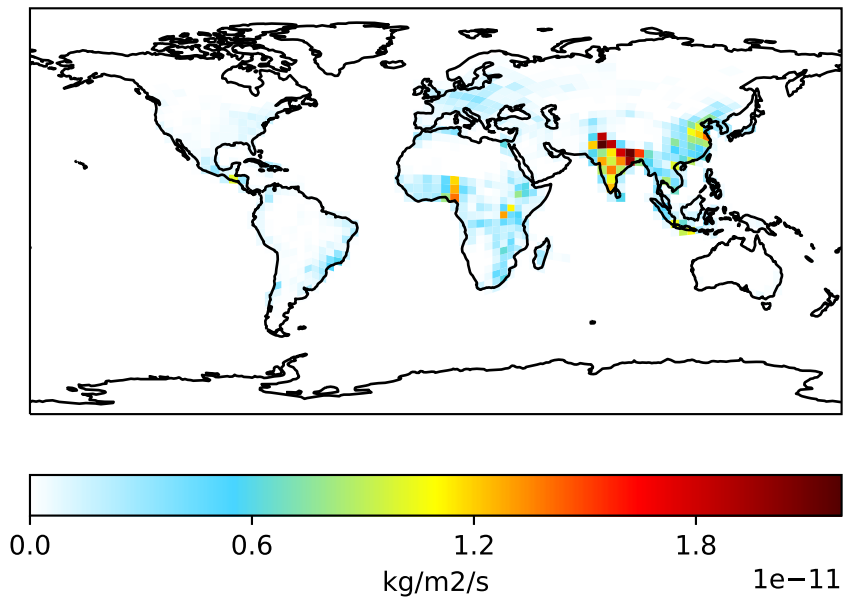


EmisOCPO_Anthro

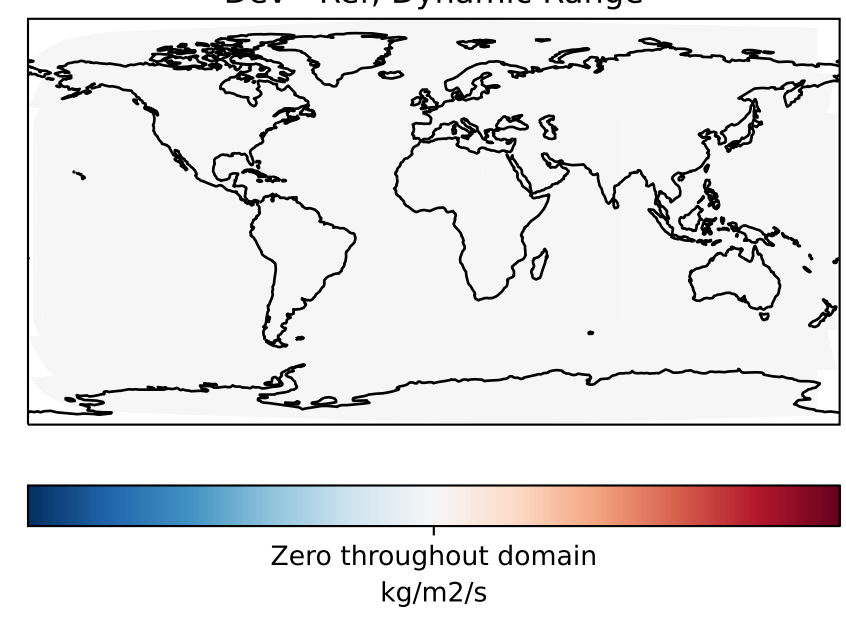
GCHP_14.2.0_MERRA2 (Ref)
c24



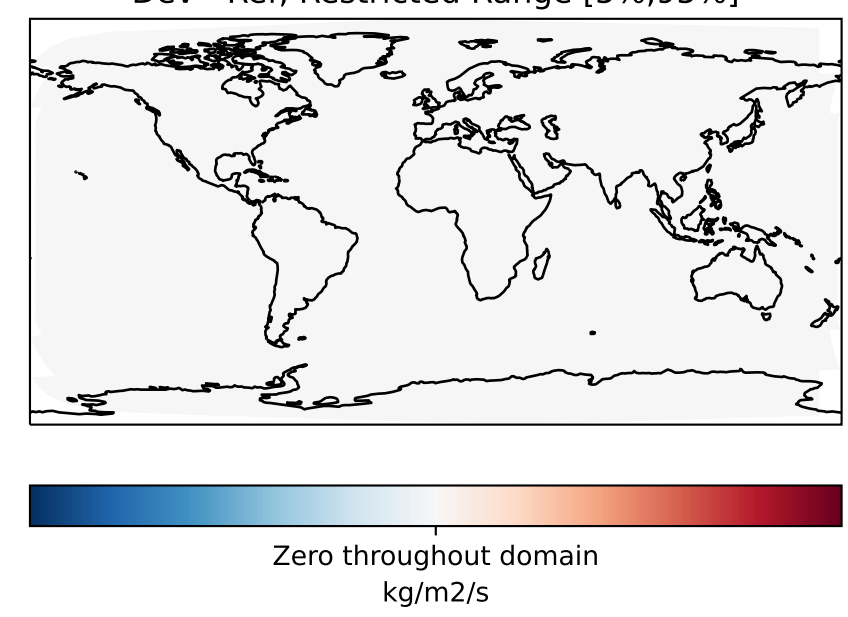
GCHP_14.2.0_GEOS-FP (Dev)
c24



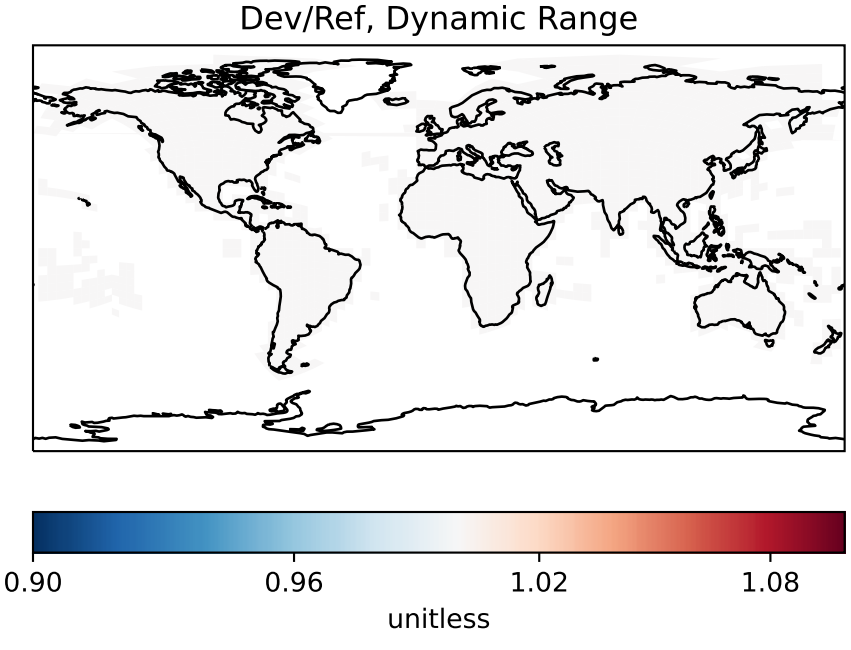
Difference
Dev - Ref, Dynamic Range



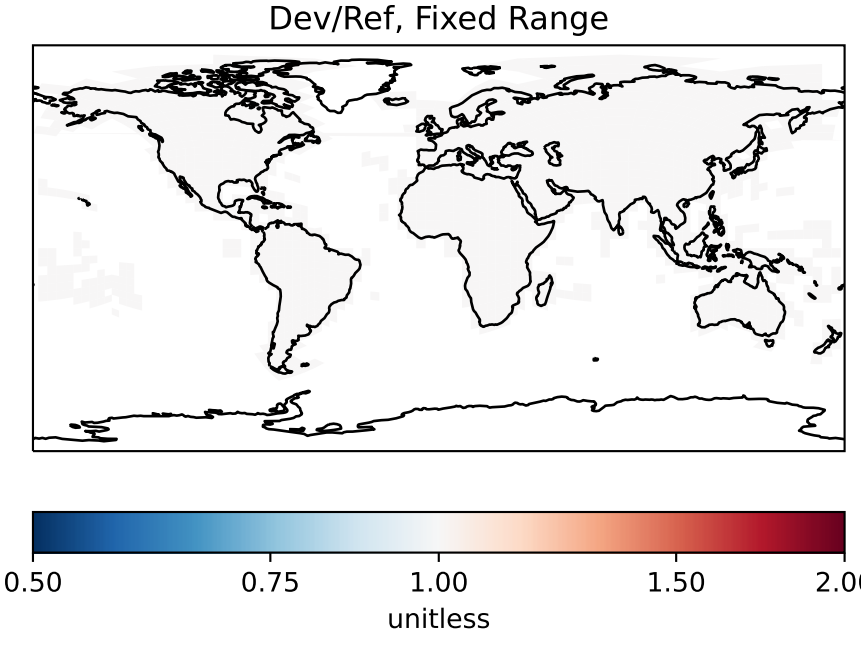
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

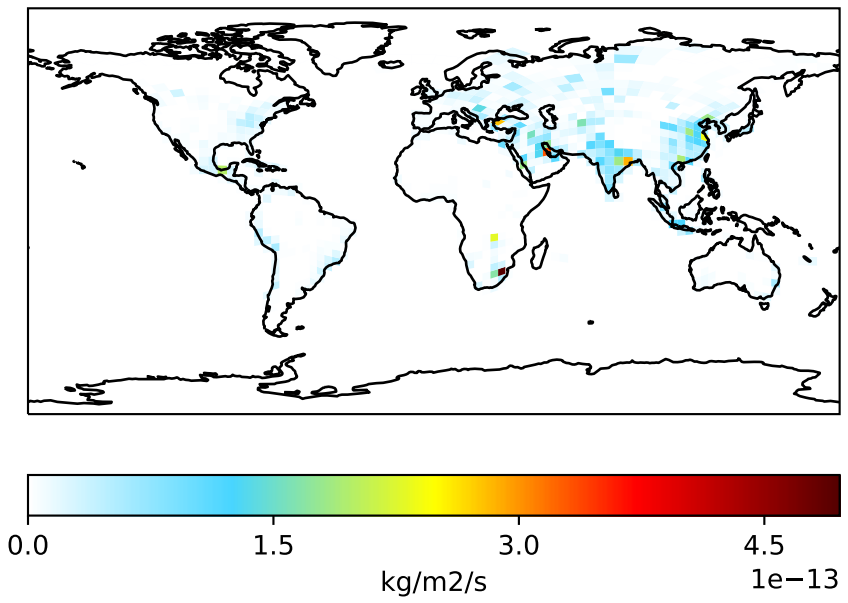


Ratio
Dev/Ref, Fixed Range

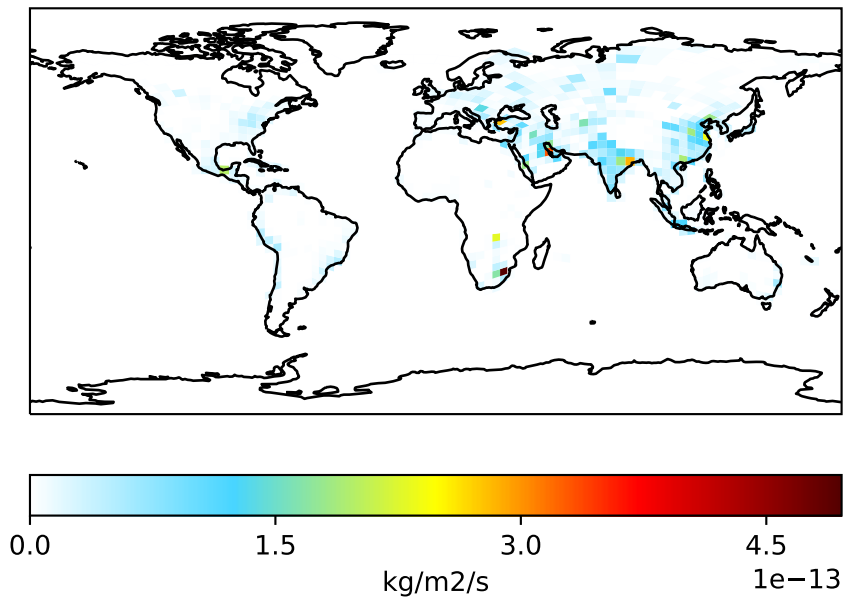


EmispFe_Anthro

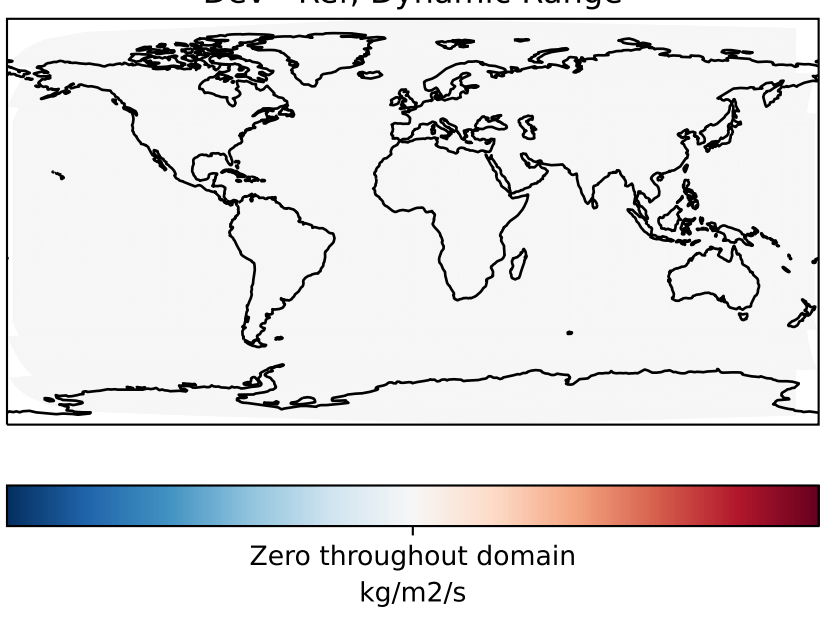
GCHP_14.2.0_MERRA2 (Ref)
c24



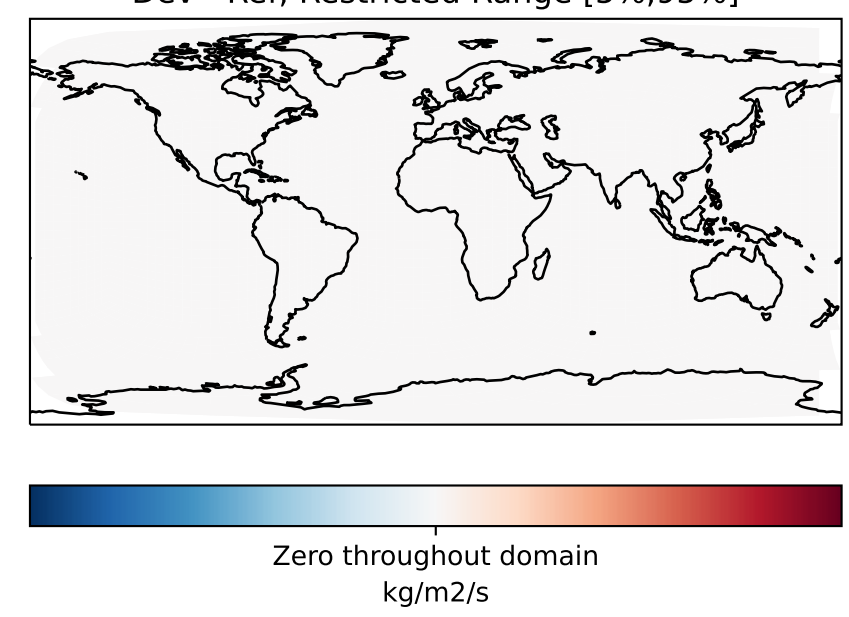
GCHP_14.2.0_GEOS-FP (Dev)
c24



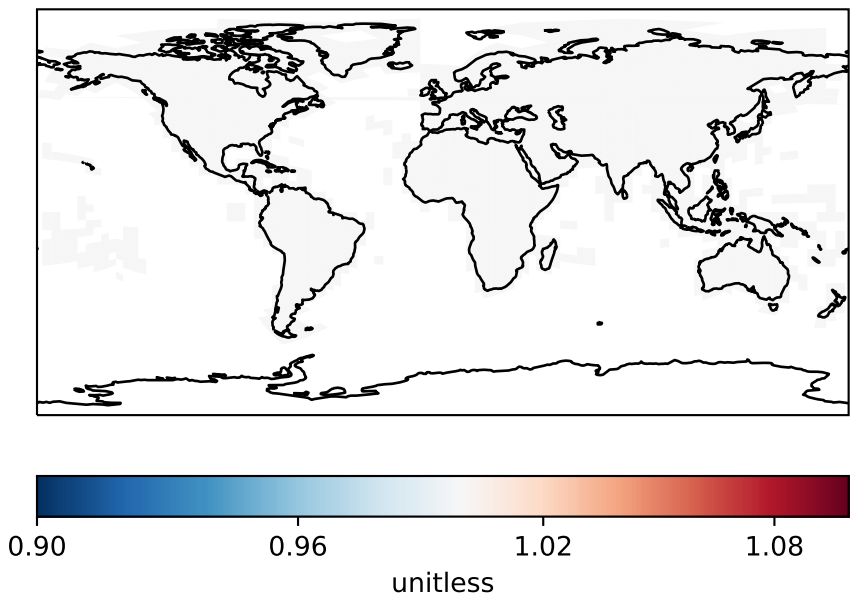
Difference
Dev - Ref, Dynamic Range



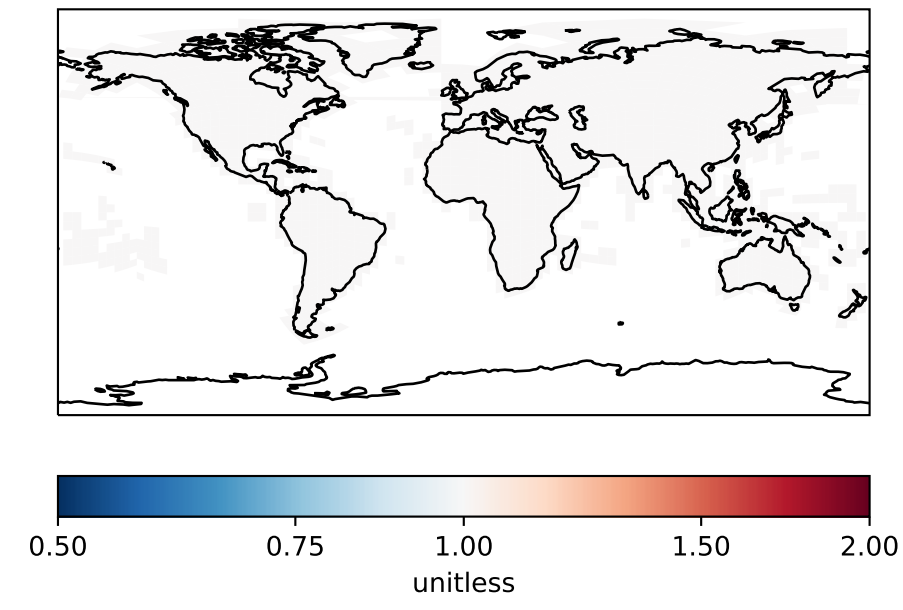
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

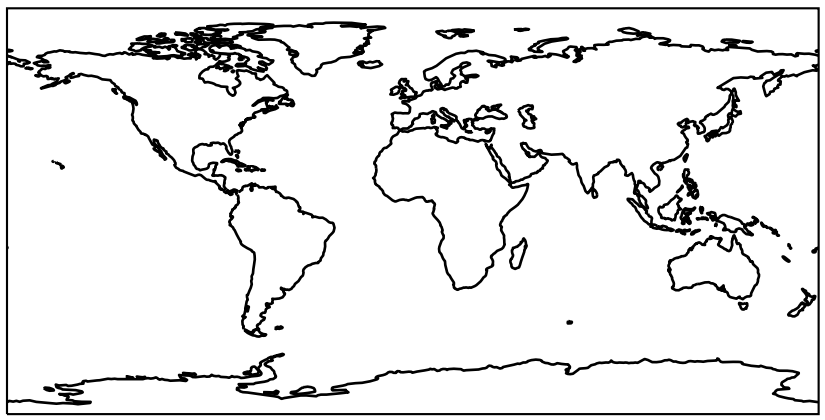


Ratio
Dev/Ref, Fixed Range



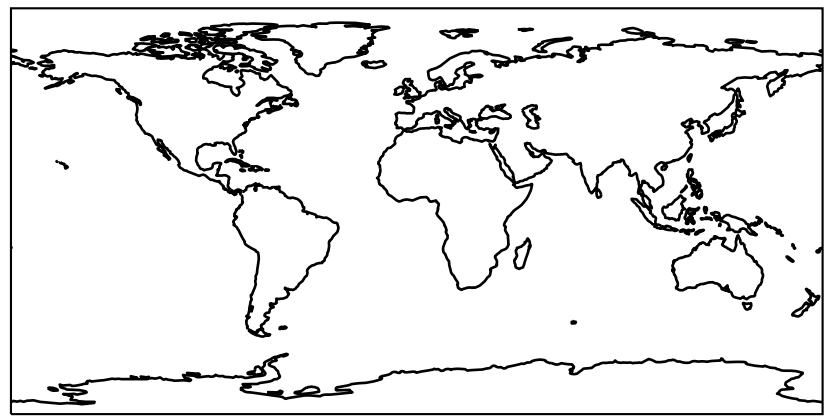
EmisPOG1_Anthro

GCHP_14.2.0_MERRA2 (Ref)
c24



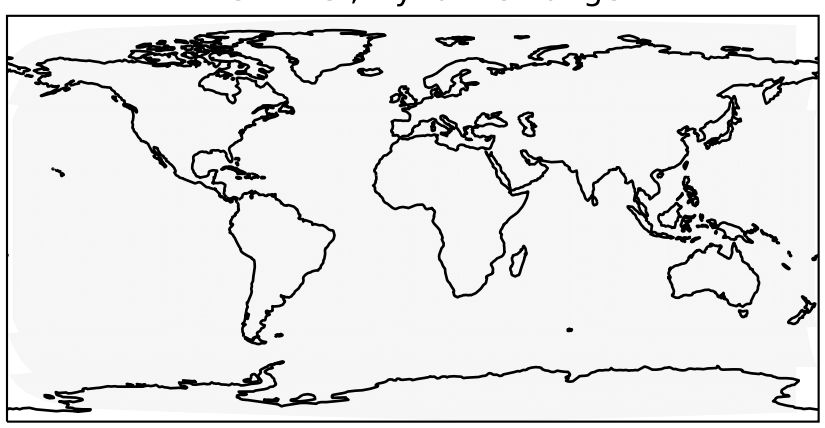
Zero throughout domain
kg/m2/s

GCHP_14.2.0_GEOS-FP (Dev)
c24



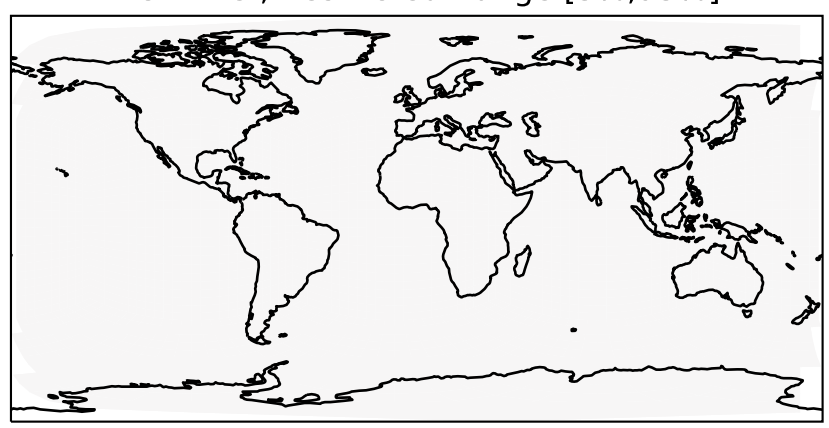
Zero throughout domain
kg/m2/s

Difference
Dev - Ref, Dynamic Range



Zero throughout domain
kg/m2/s

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



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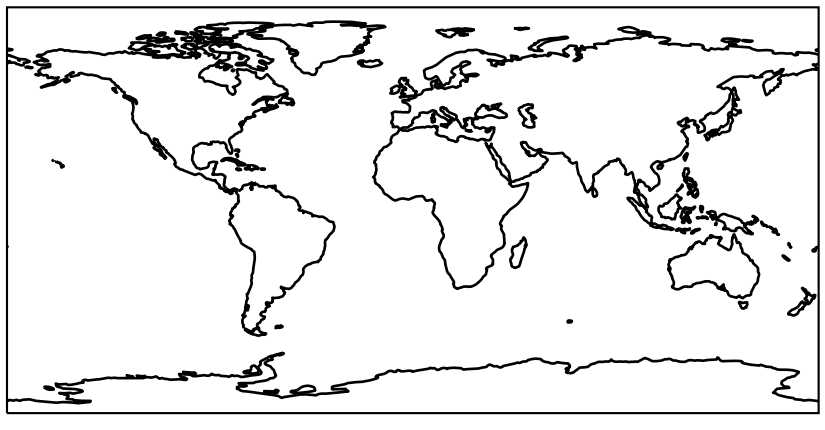
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



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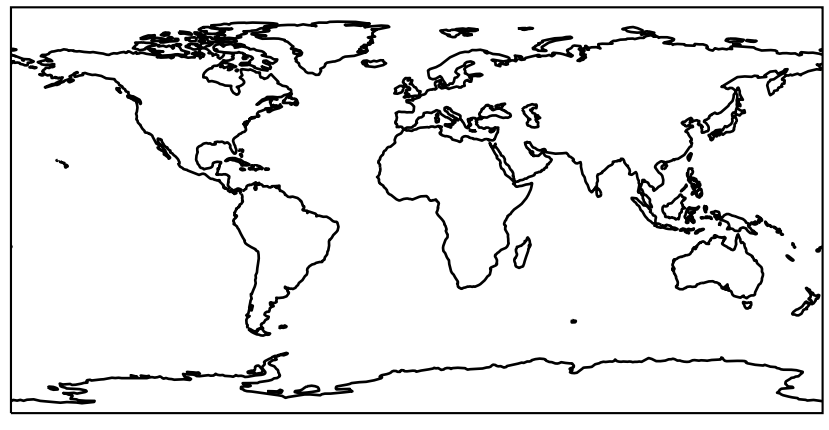
Ratio
Dev/Ref, Fixed Range



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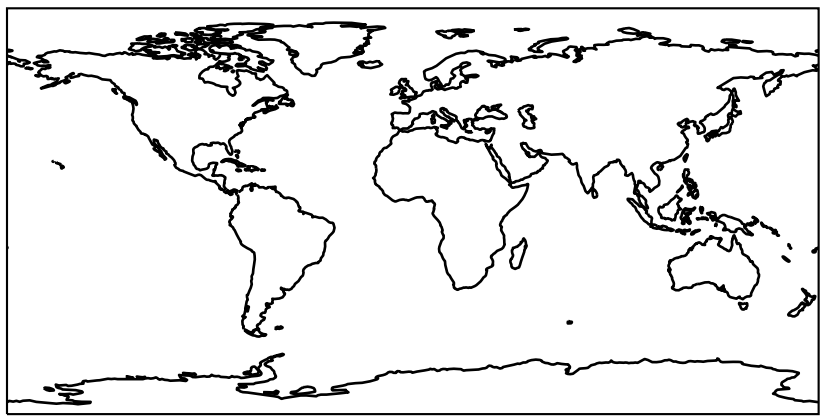
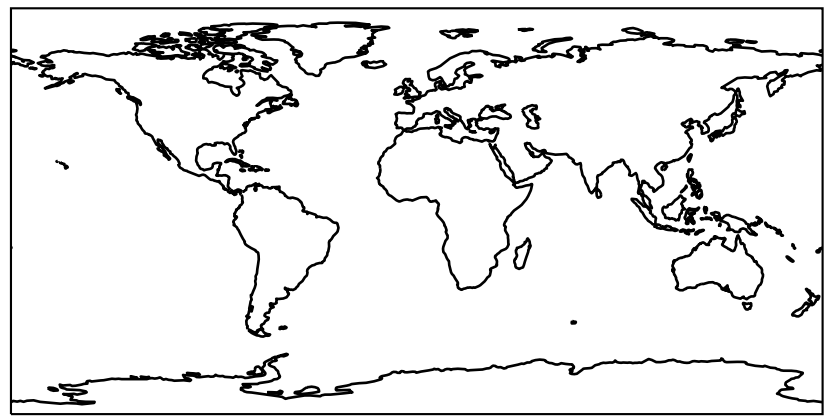
EmisPOG2_Anthro

GCHP_14.2.0_MERRA2 (Ref)
c24



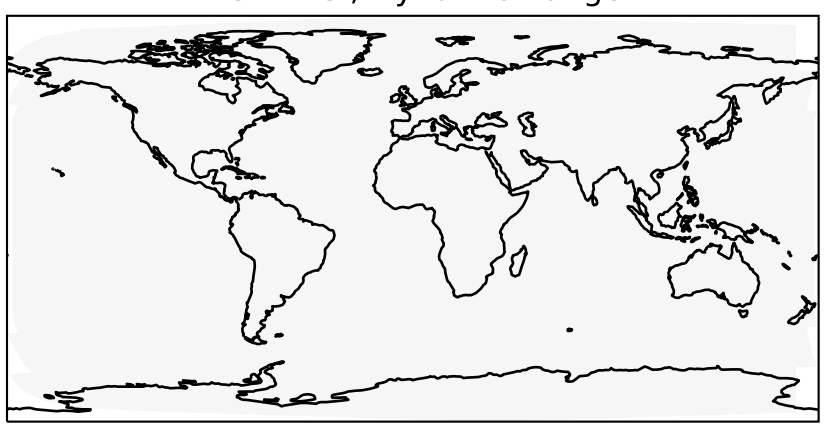
Zero throughout domain
kg/m2/s

GCHP_14.2.0_GEOS-FP (Dev)
c24



Zero throughout domain
kg/m2/s

Difference
Dev - Ref, Dynamic Range



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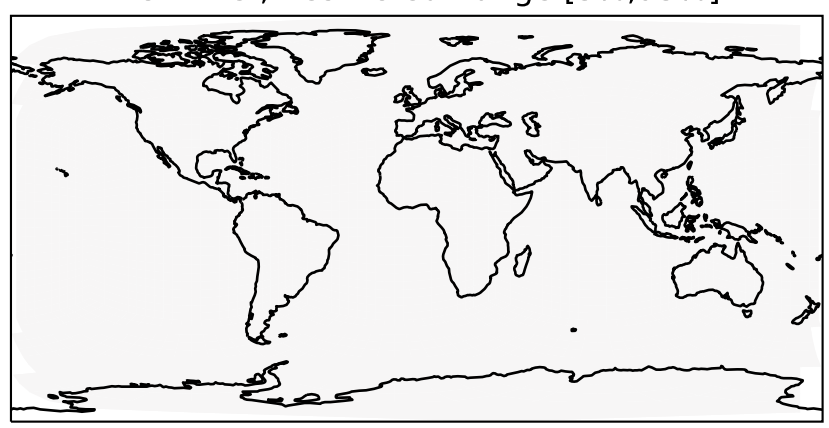
kg/m2/s

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



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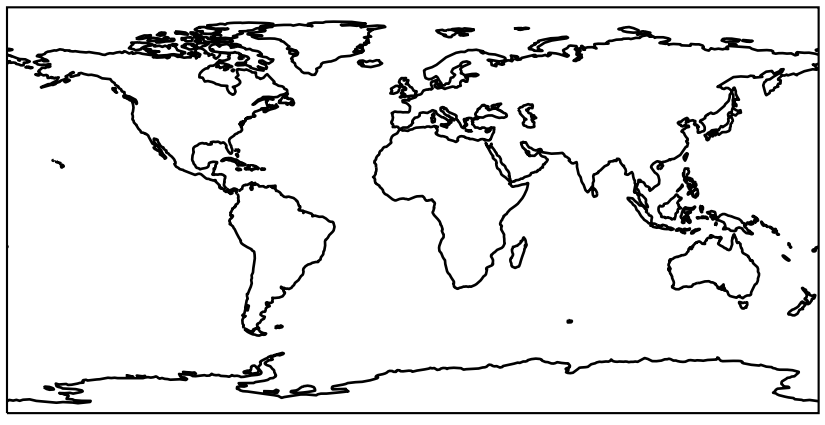
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



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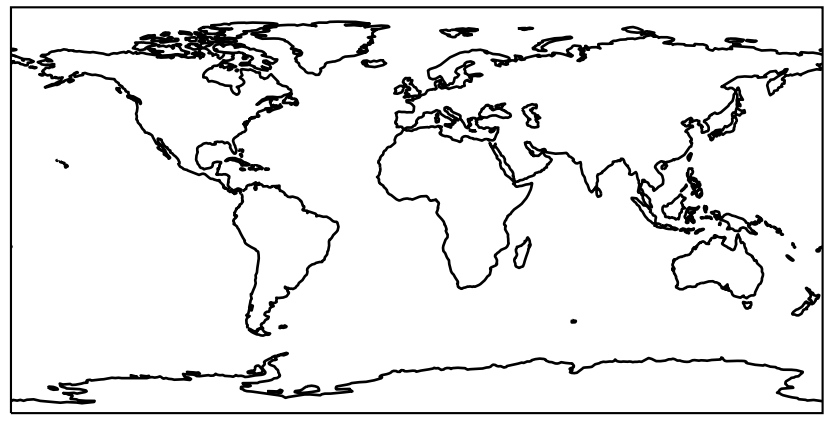
unitless

Ratio
Dev/Ref, Fixed Range



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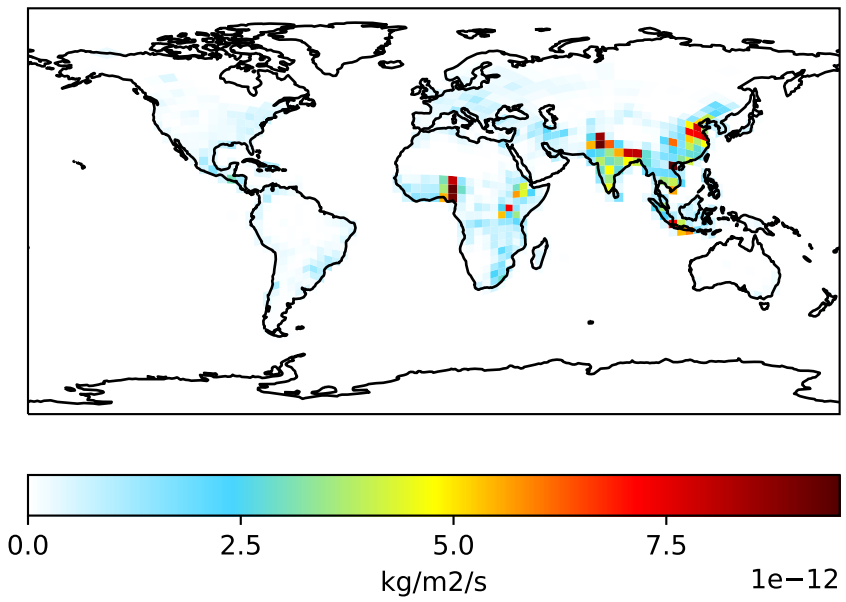
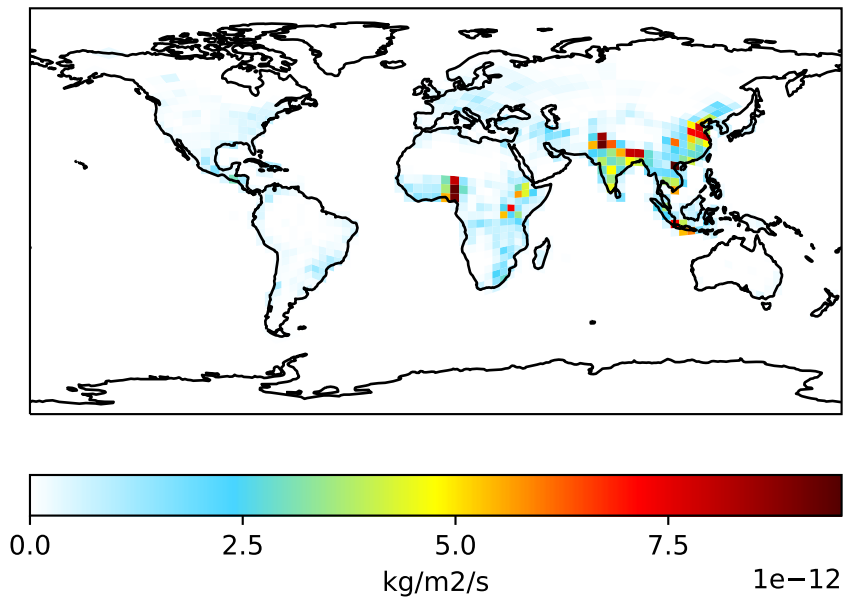
EmisPRPE_Anthro

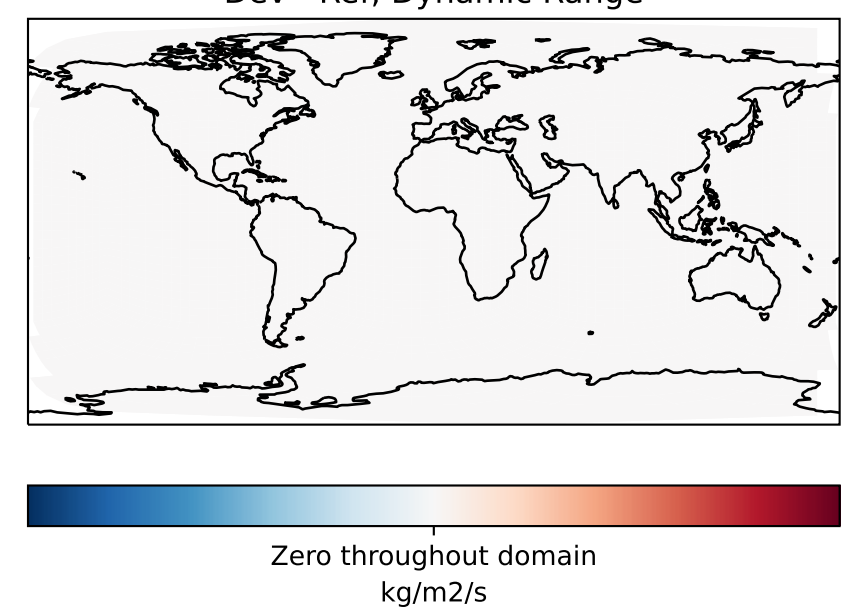
GCHP_14.2.0_MERRA2 (Ref)
c24



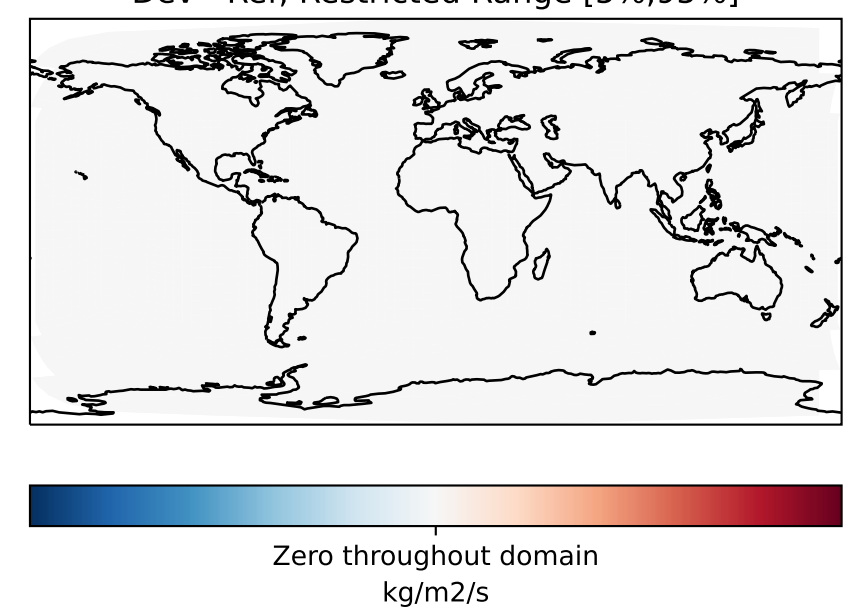
GCHP_14.2.0_GEOS-FP (Dev)
c24



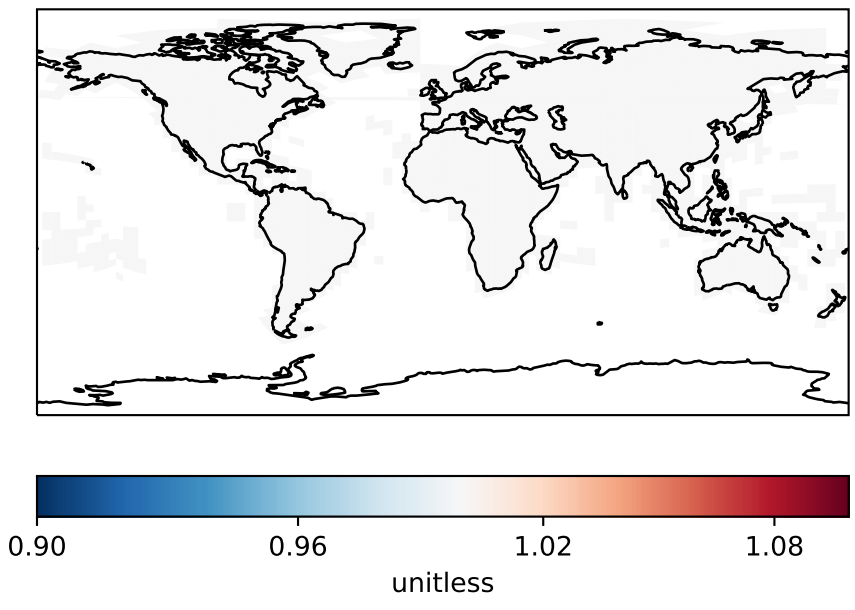
Difference
Dev - Ref, Dynamic Range



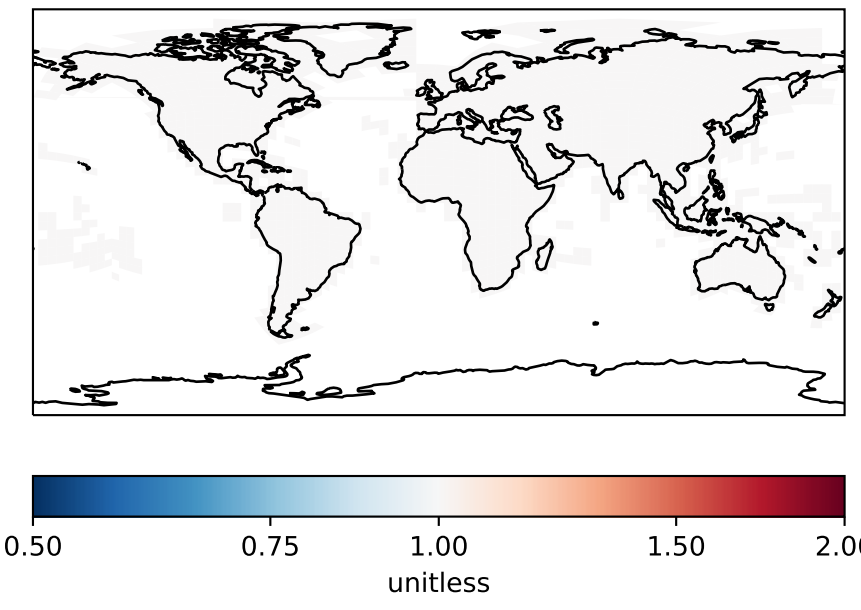
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

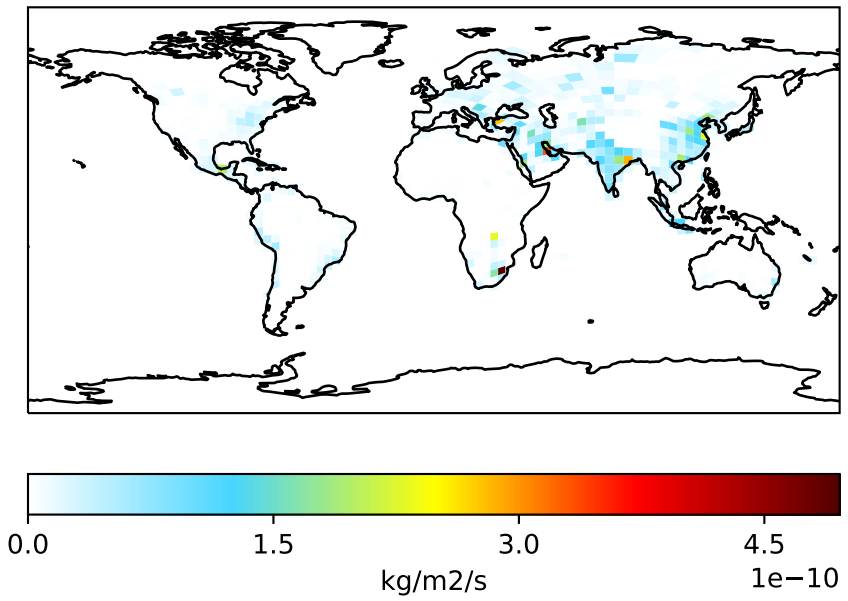


Ratio
Dev/Ref, Fixed Range

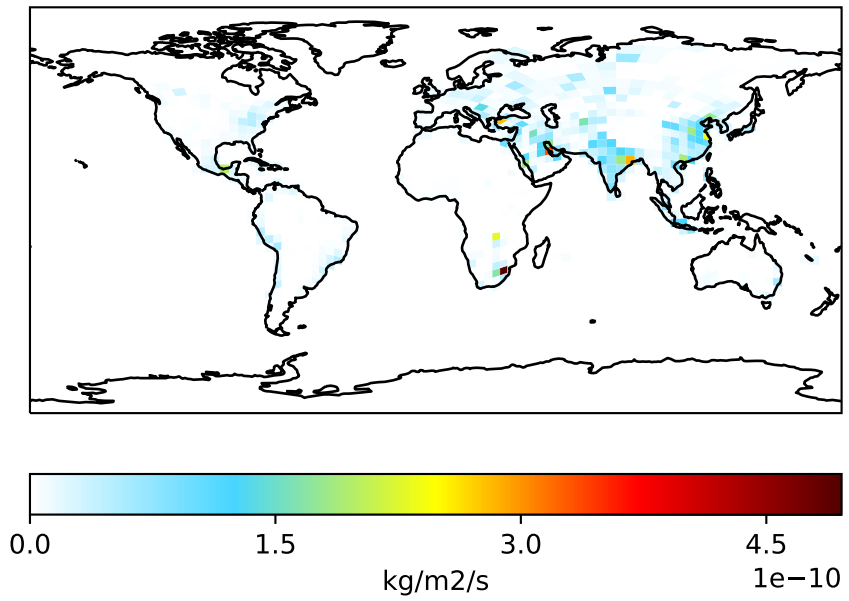


EmisSO2_Anthro

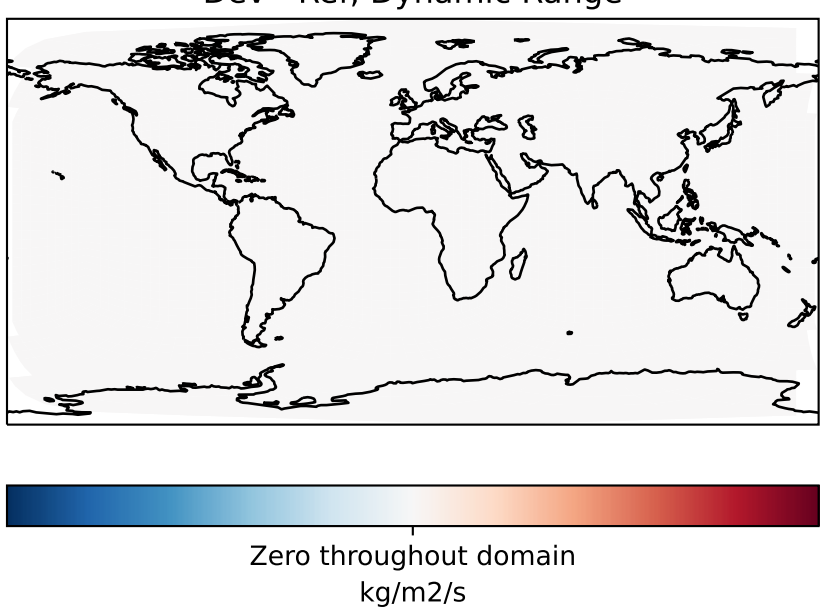
GCHP_14.2.0_MERRA2 (Ref)
c24



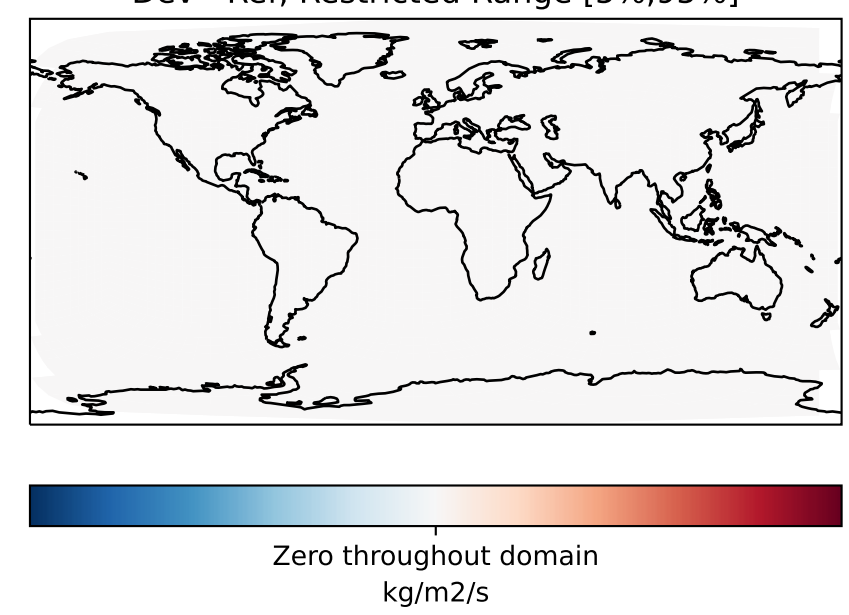
GCHP_14.2.0_GEOS-FP (Dev)
c24



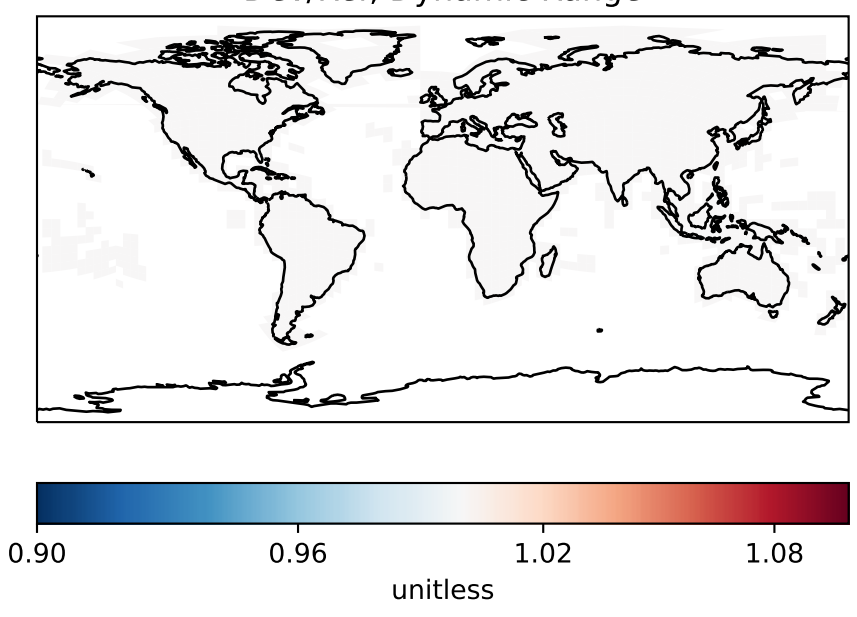
Difference
Dev - Ref, Dynamic Range



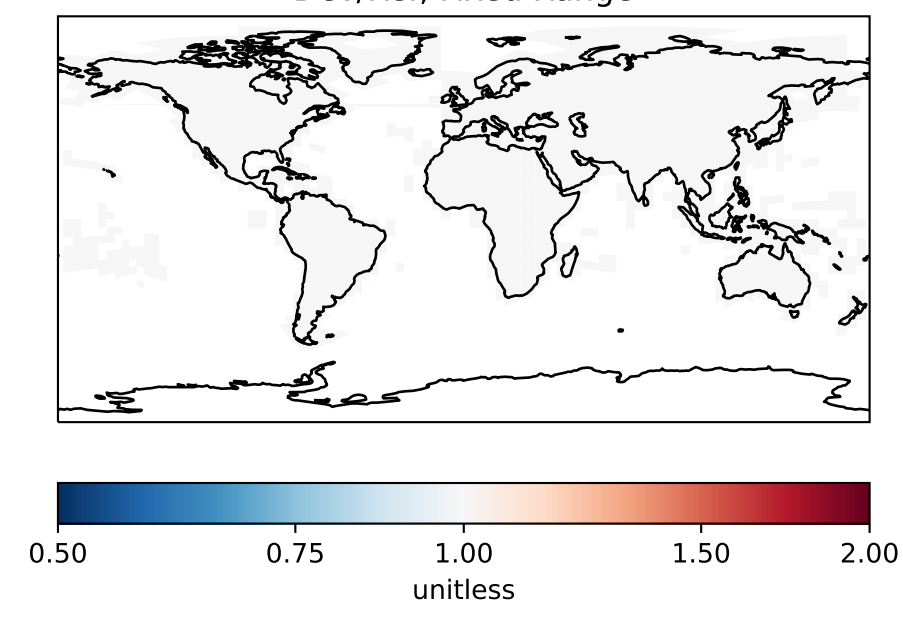
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

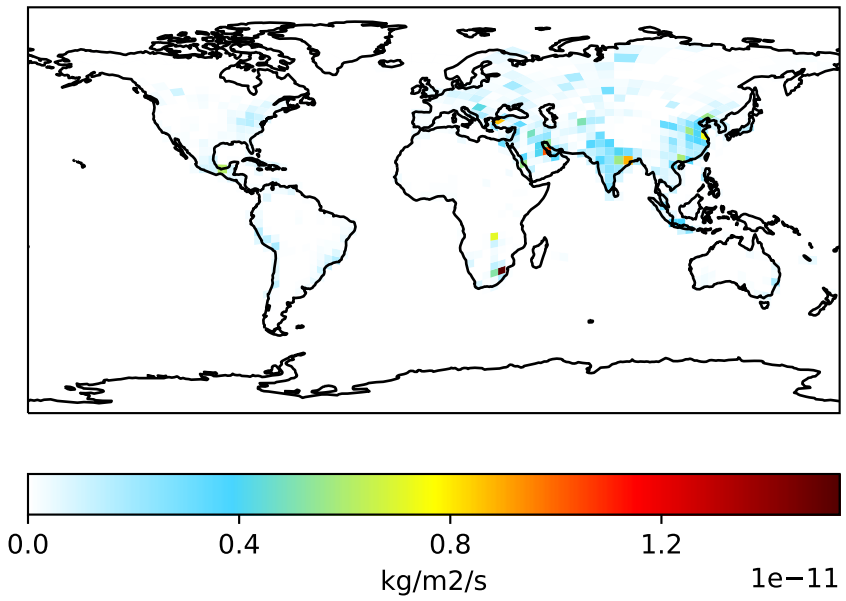


Ratio
Dev/Ref, Fixed Range

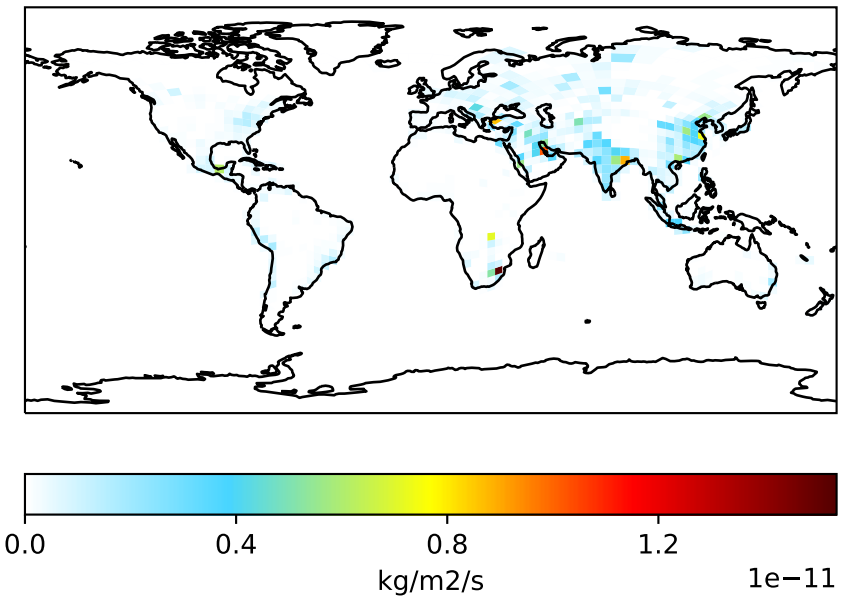


EmisSO4_Anthro

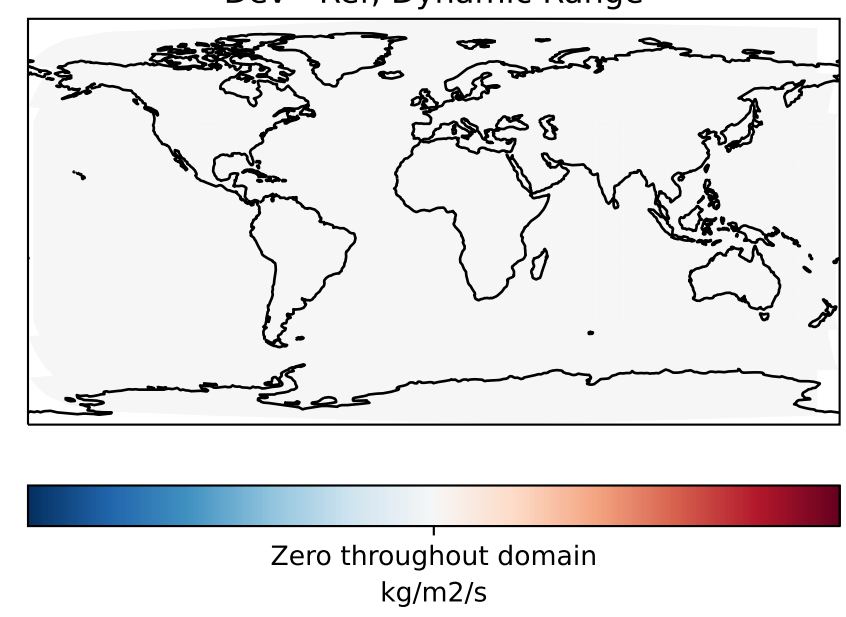
GCHP_14.2.0_MERRA2 (Ref)
c24



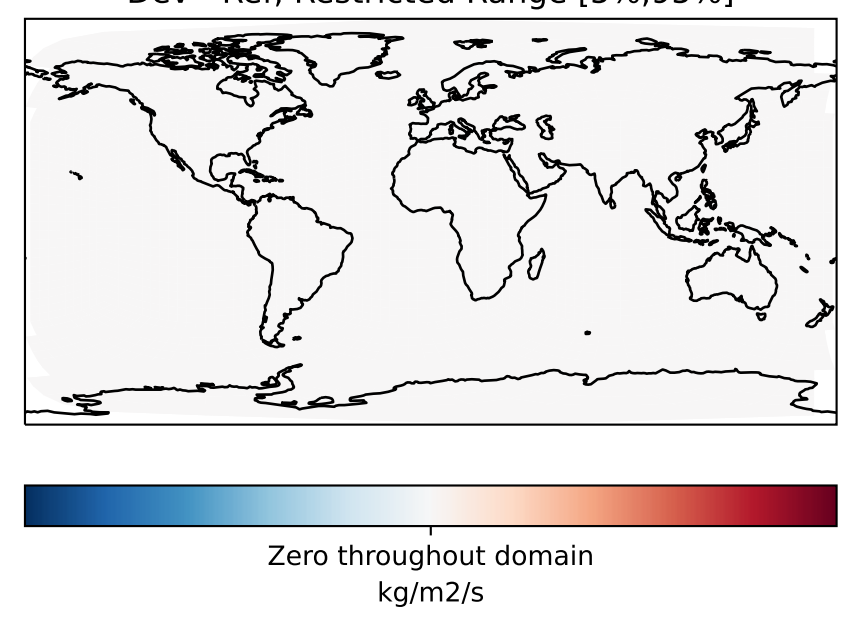
GCHP_14.2.0_GEOS-FP (Dev)
c24



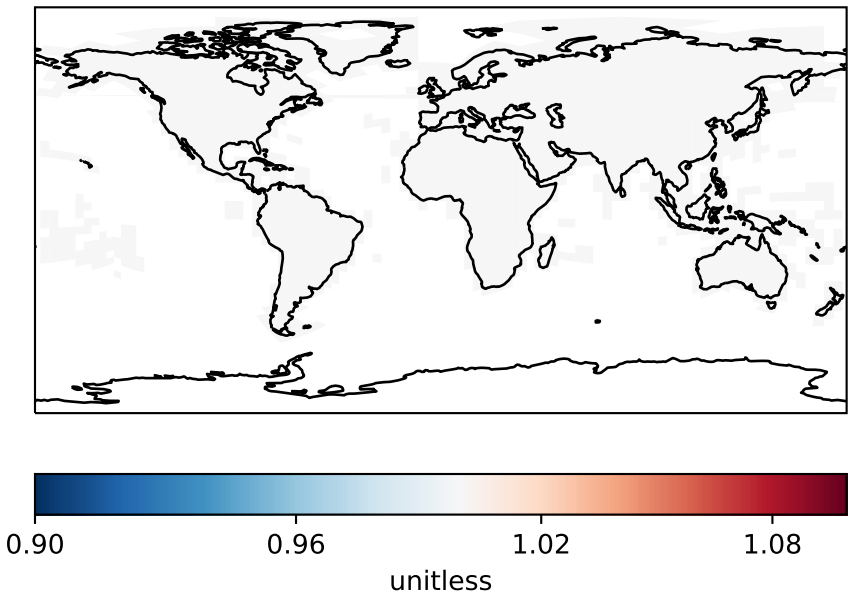
Difference
Dev - Ref, Dynamic Range



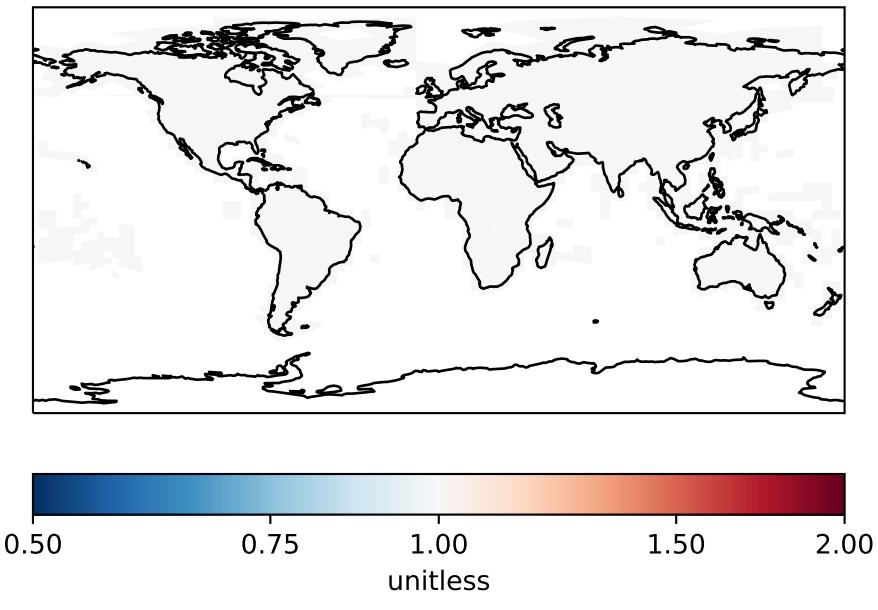
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

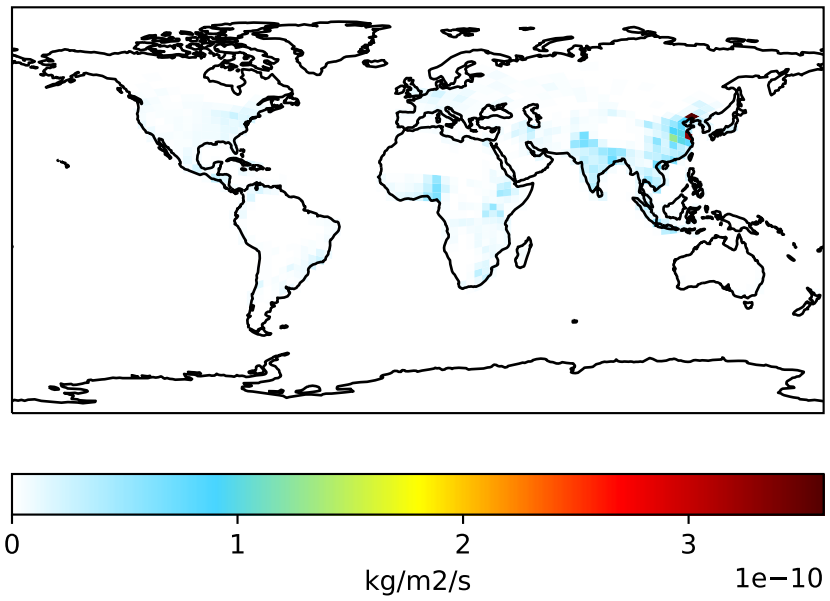


Ratio
Dev/Ref, Fixed Range

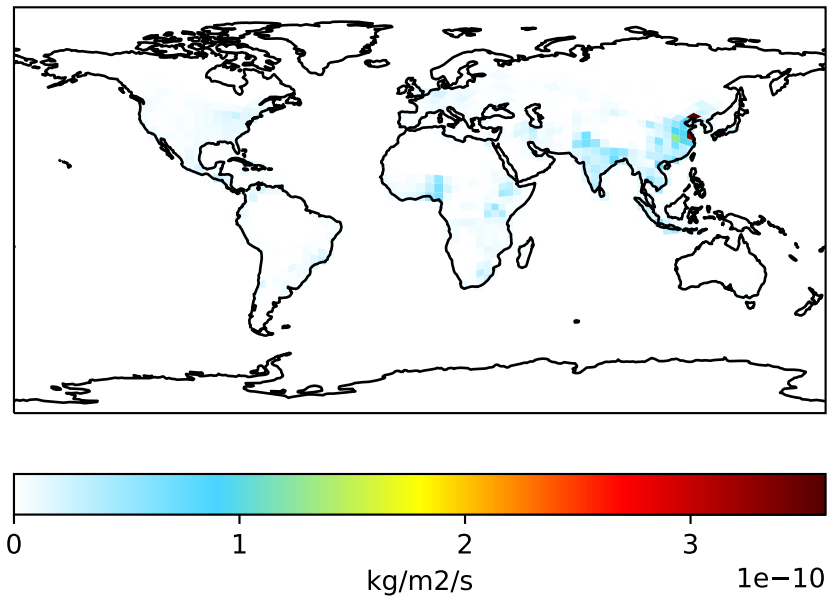


EmisSOAP_Anthro

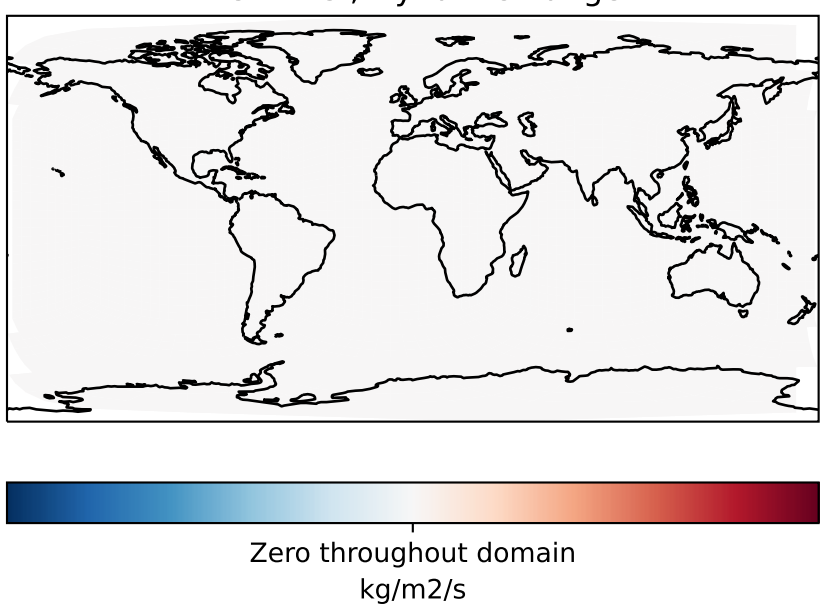
GCHP_14.2.0_MERRA2 (Ref)
c24



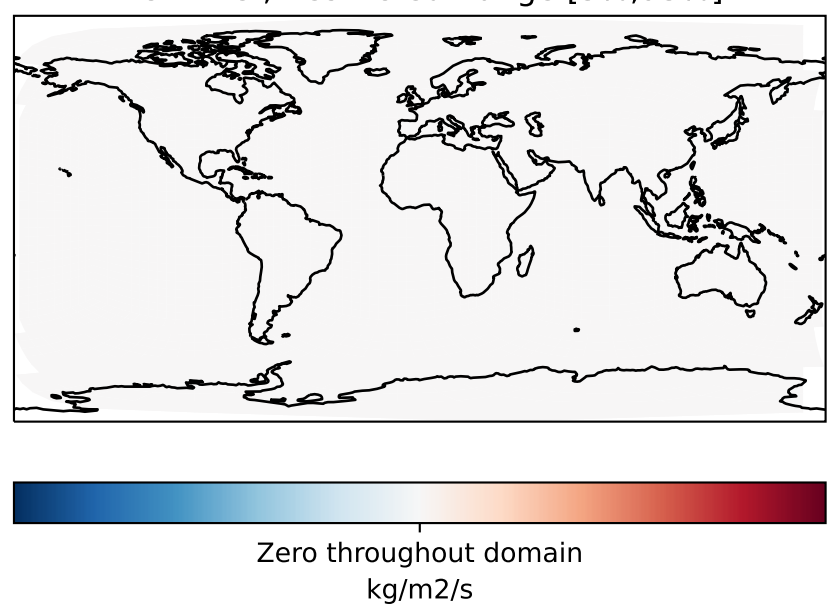
GCHP_14.2.0_GEOS-FP (Dev)
c24



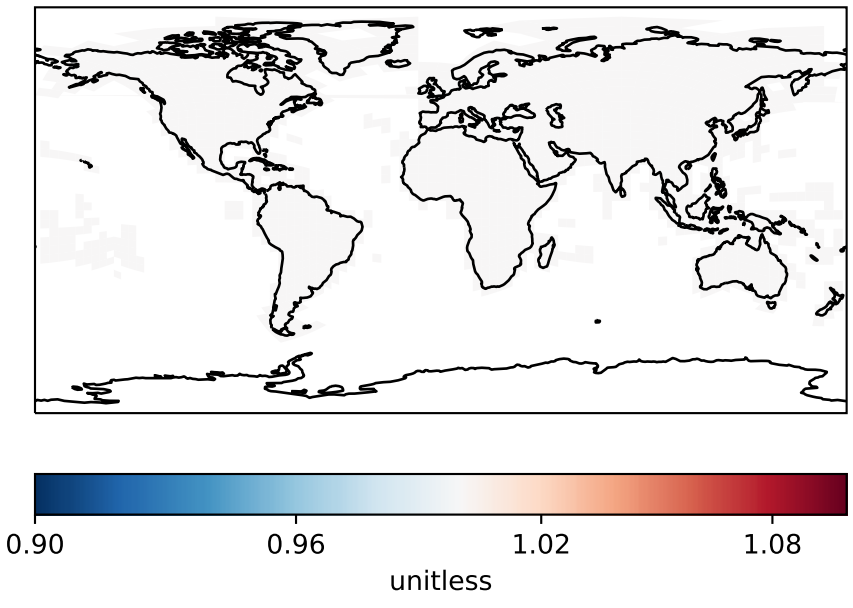
Difference
Dev - Ref, Dynamic Range



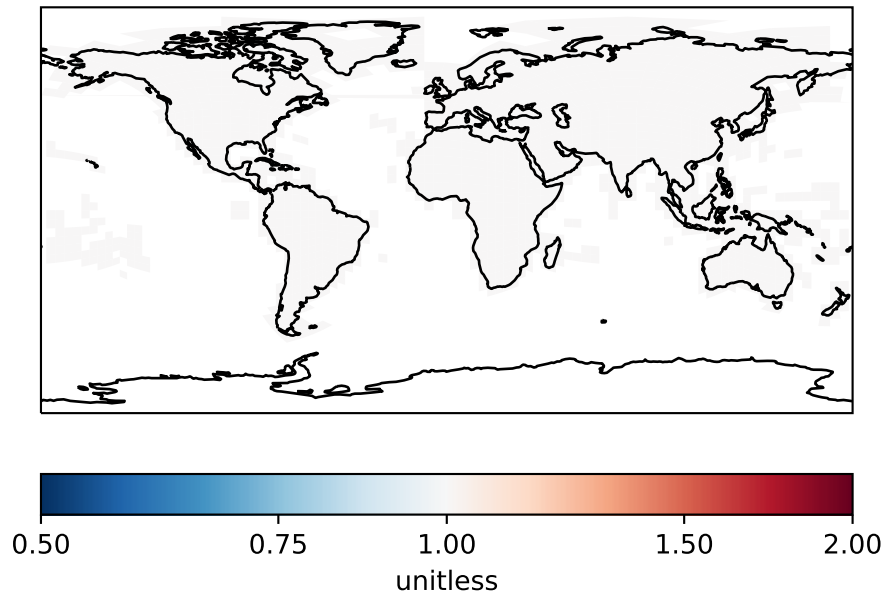
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

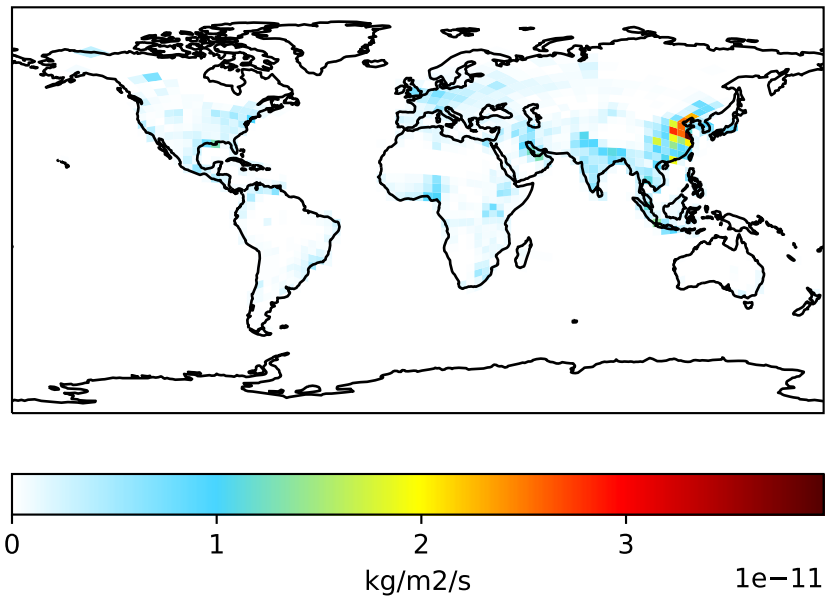


Ratio
Dev/Ref, Fixed Range

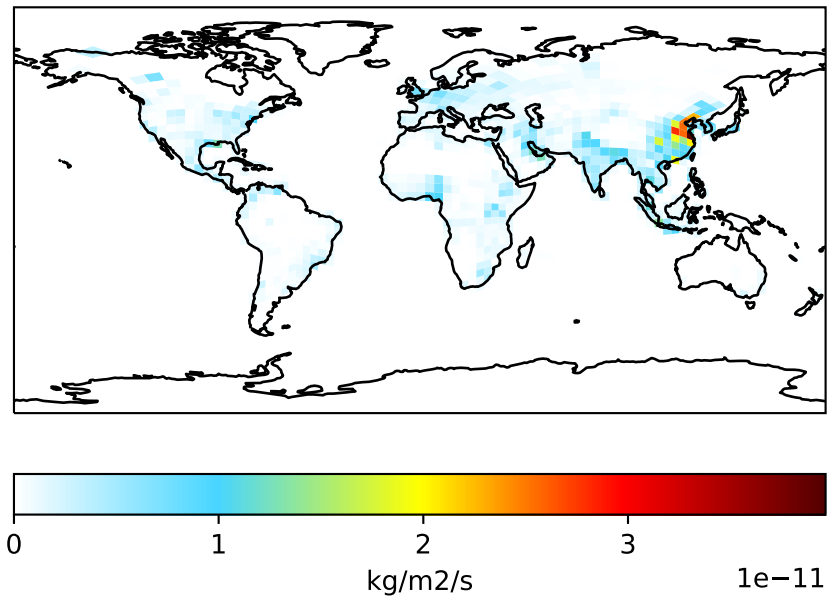


EmisTOLU_Anthro

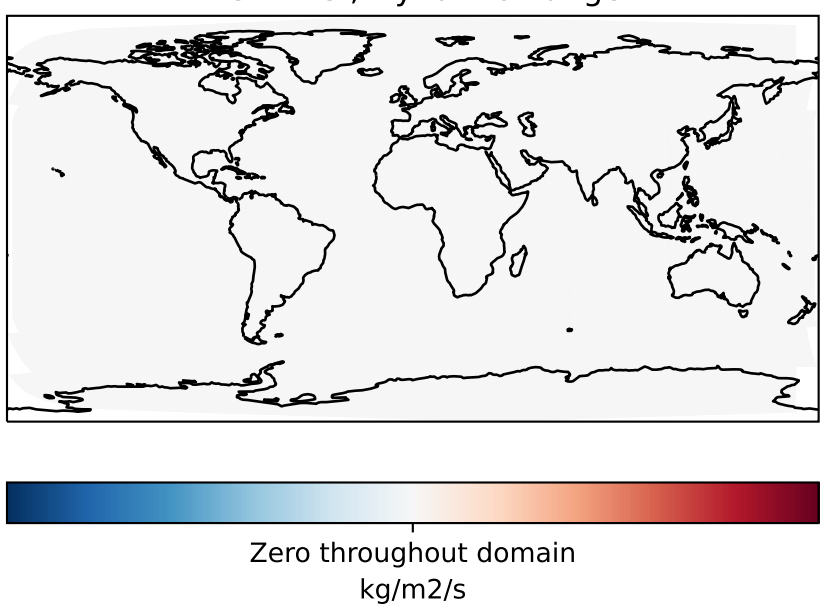
GCHP_14.2.0_MERRA2 (Ref)
c24



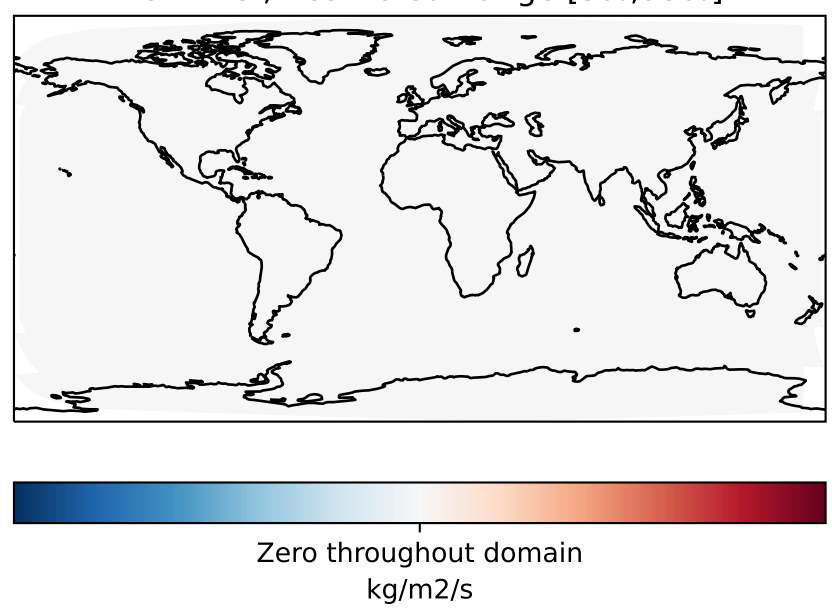
GCHP_14.2.0_GEOS-FP (Dev)
c24



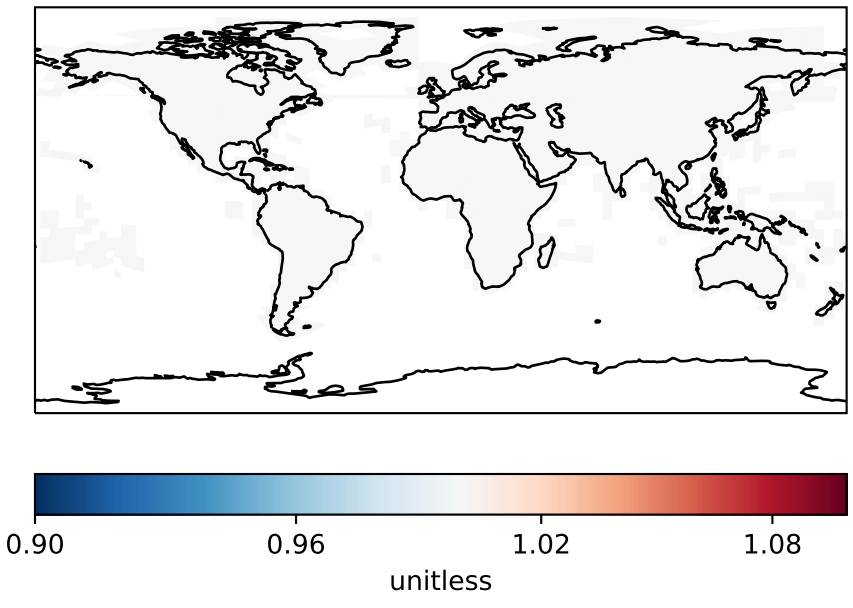
Difference
Dev - Ref, Dynamic Range



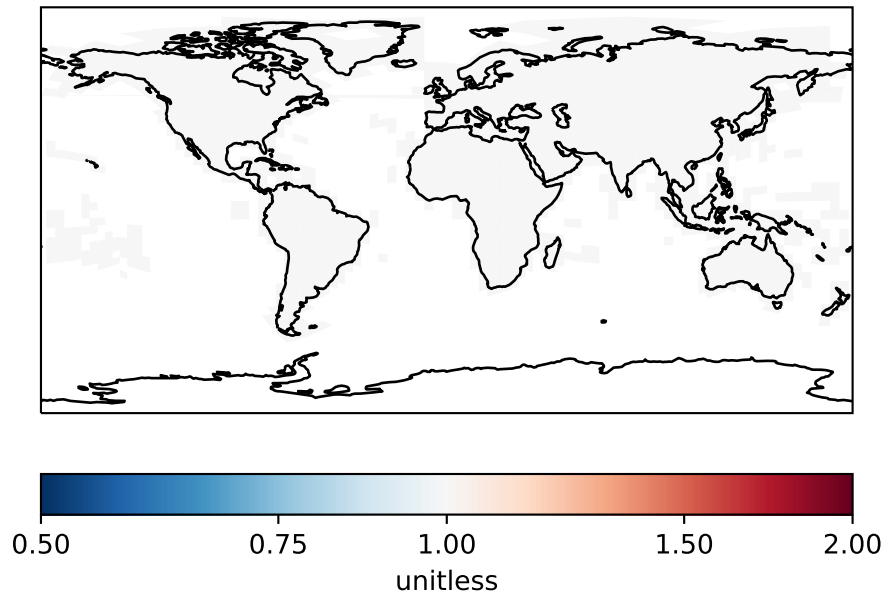
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

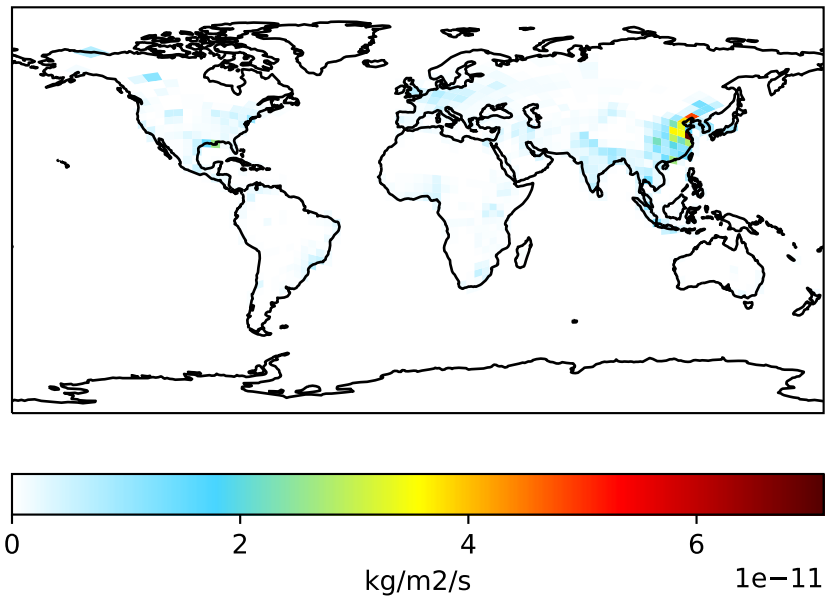


Ratio
Dev/Ref, Fixed Range

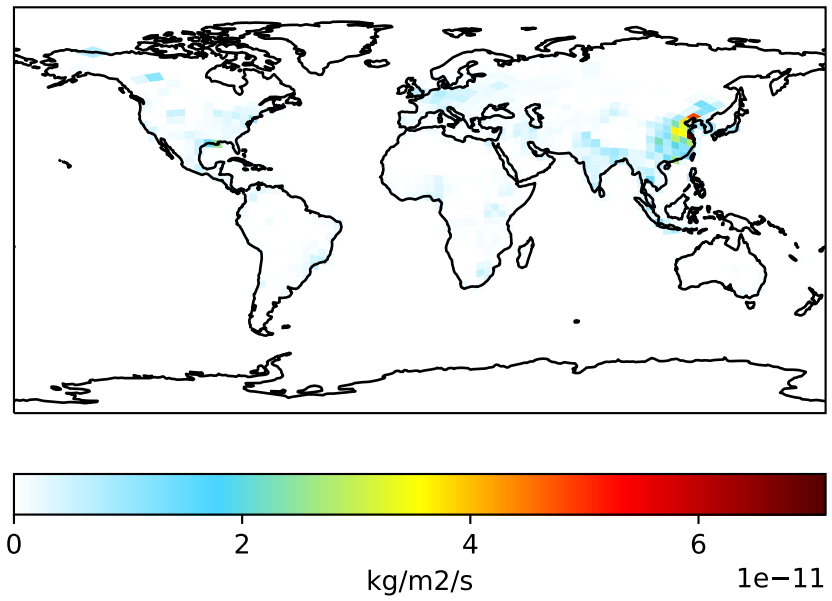


EmisXYLE_Anthro

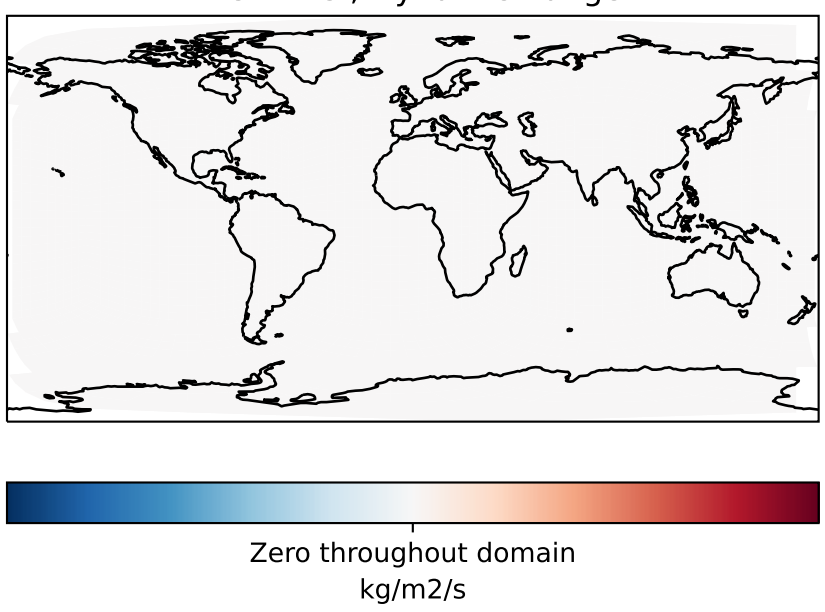
GCHP_14.2.0_MERRA2 (Ref)
c24



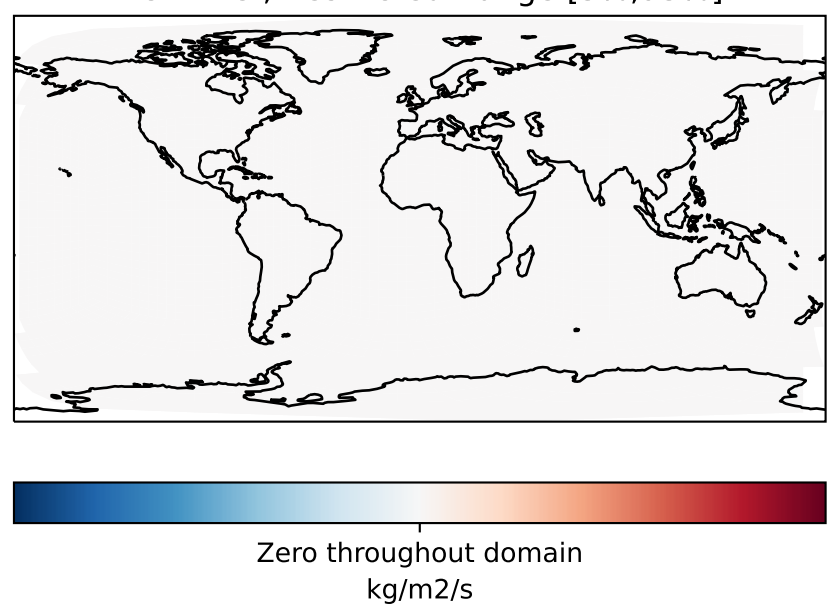
GCHP_14.2.0_GEOS-FP (Dev)
c24



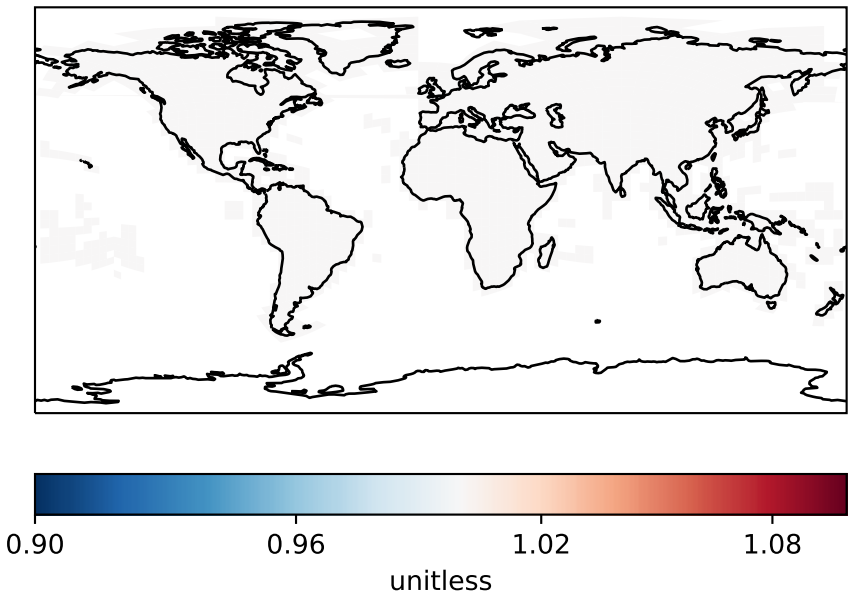
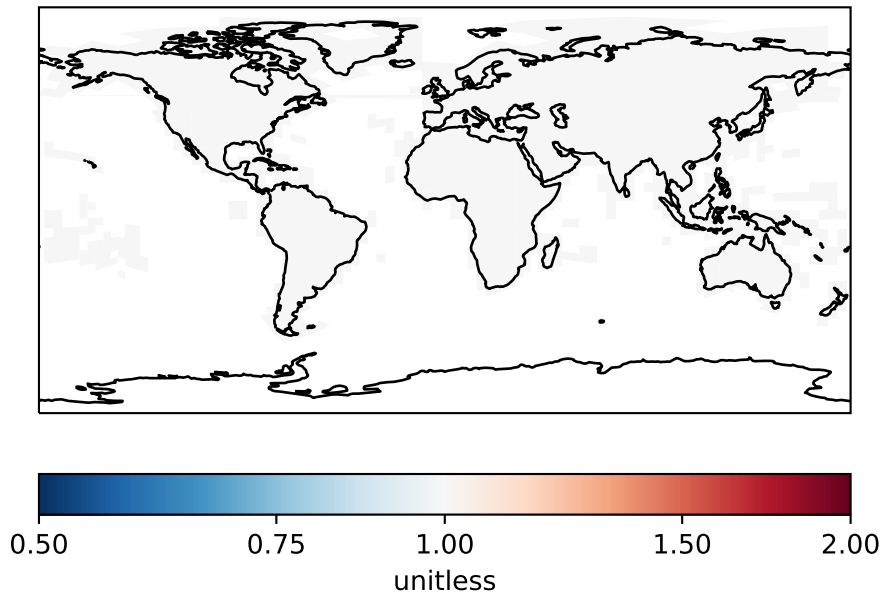
Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range