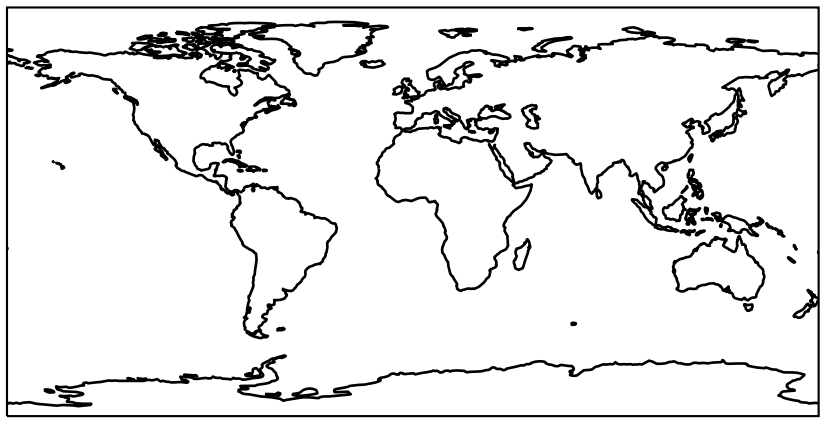
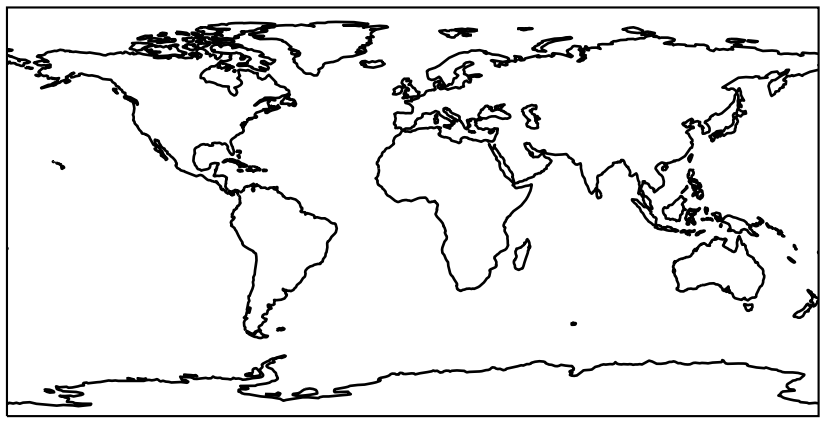
EmisHNO2_Anthro (Jan2019)

GCC_13.0.0-beta.1 (Ref)
4.0x5.0



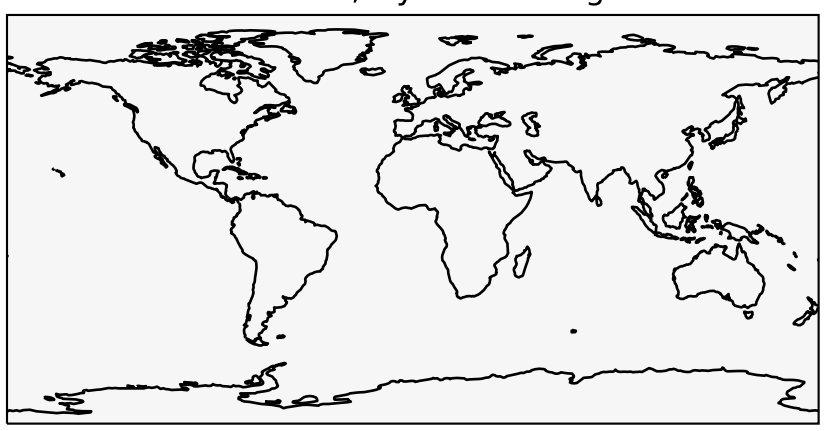
Zero throughout domain
kg/m2/s

GCC_13.0.0 (Dev)
4.0x5.0



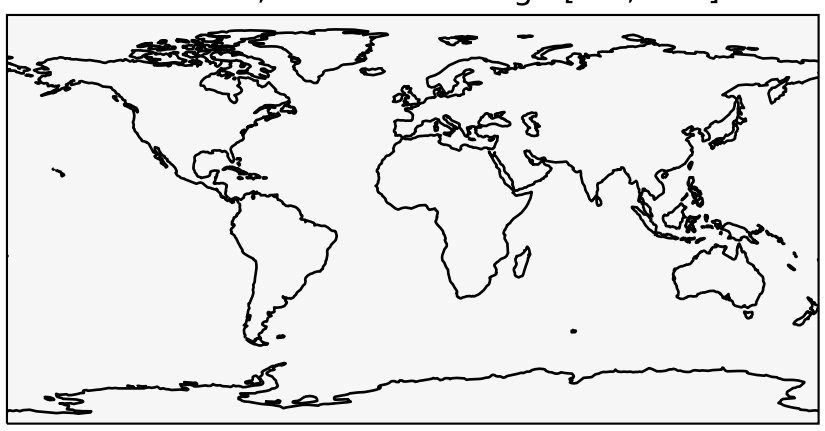
Zero throughout domain
kg/m2/s

Difference
Dev - Ref, Dynamic Range



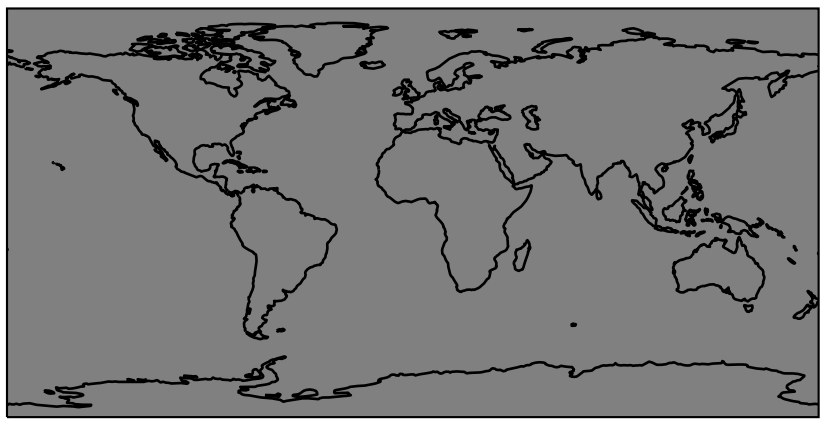
Zero throughout domain
kg/m2/s

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



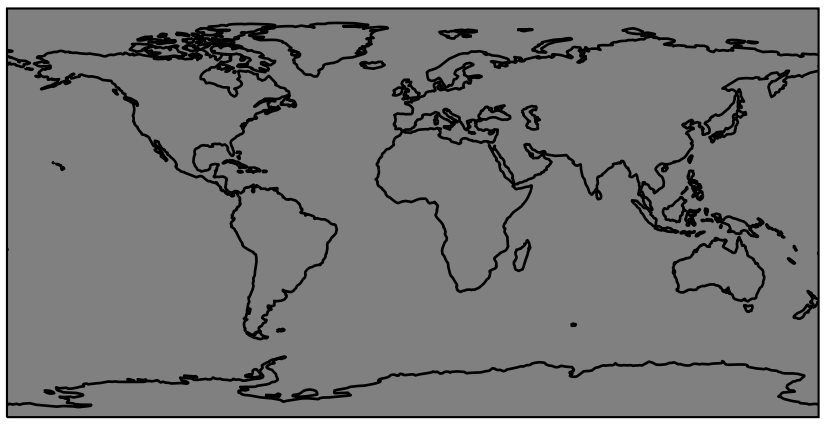
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

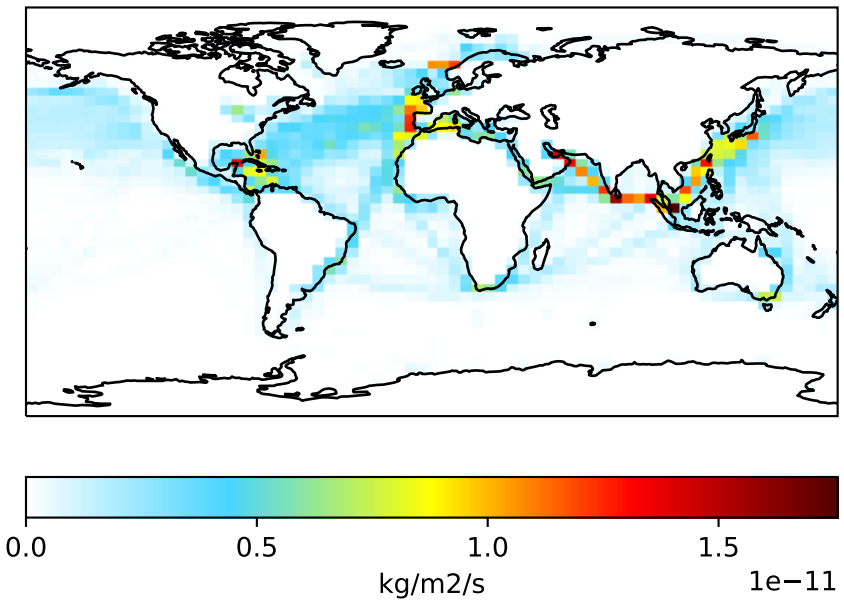
Ratio
Dev/Ref, Fixed Range



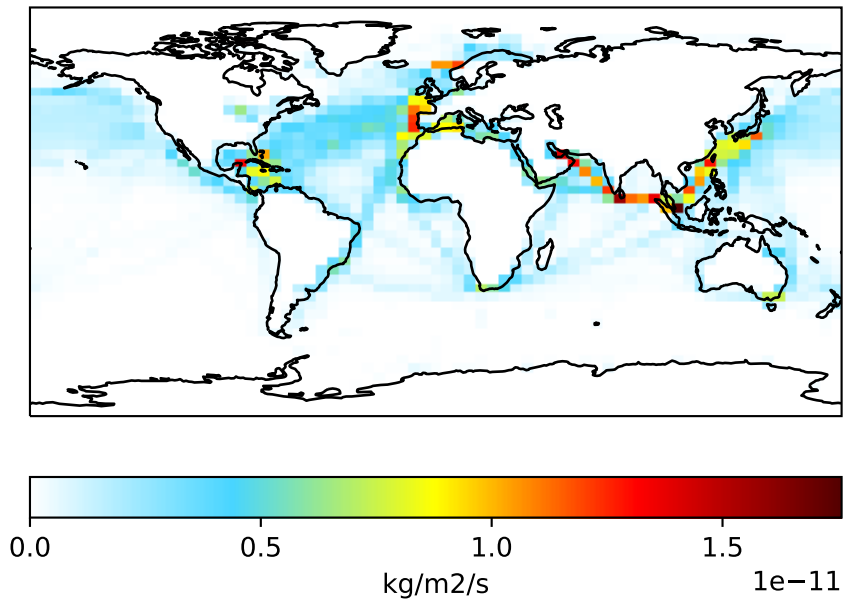
Undefined throughout domain
unitless

EmisHNO3_Ship (Jan2019)

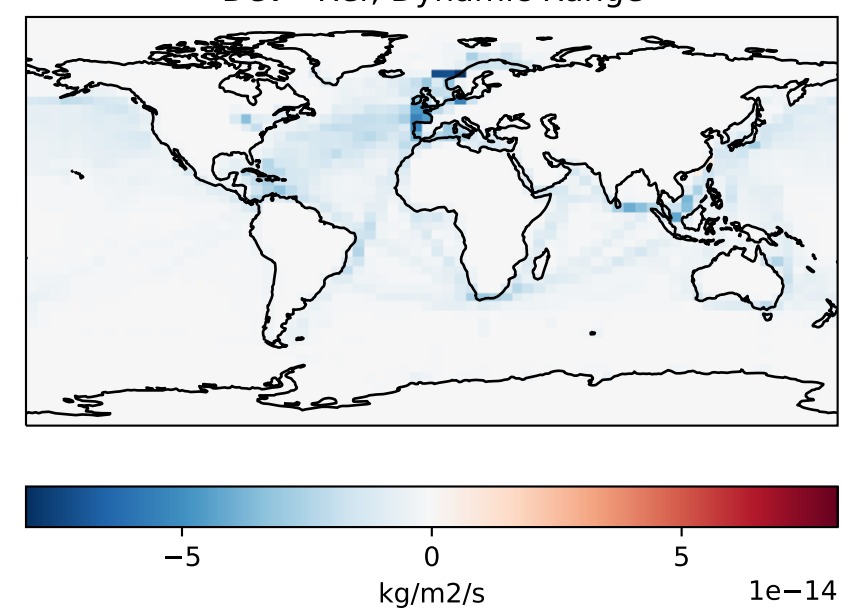
GCC_13.0.0-beta.1 (Ref)
4.0x5.0



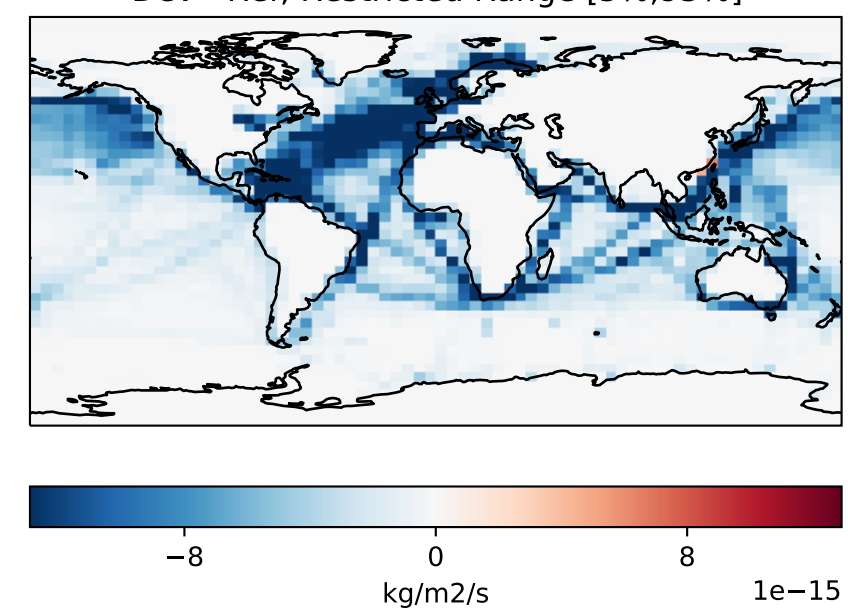
GCC_13.0.0 (Dev)
4.0x5.0



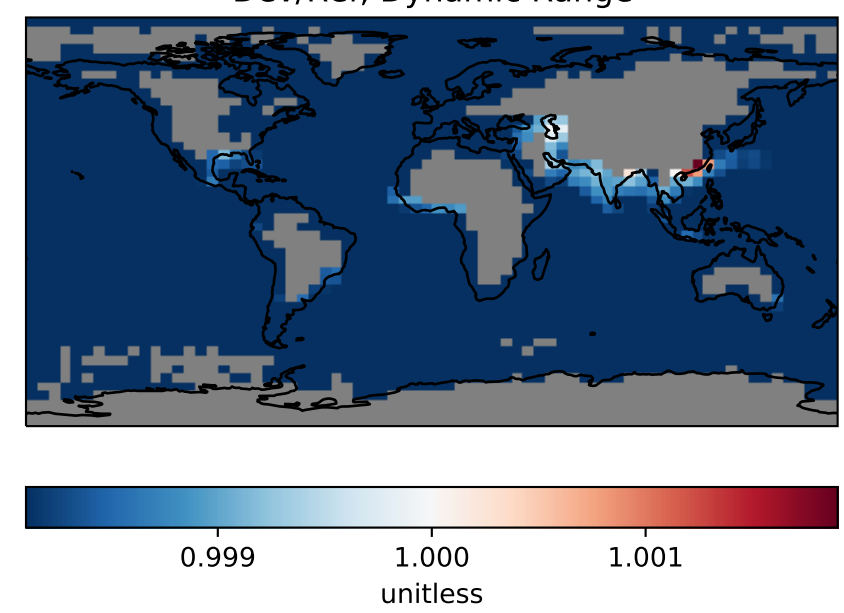
Difference
Dev - Ref, Dynamic Range



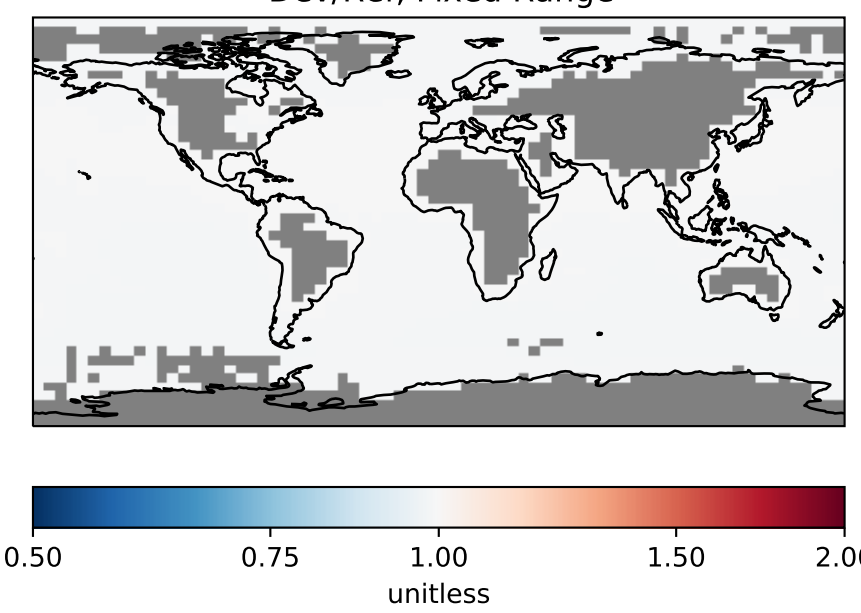
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

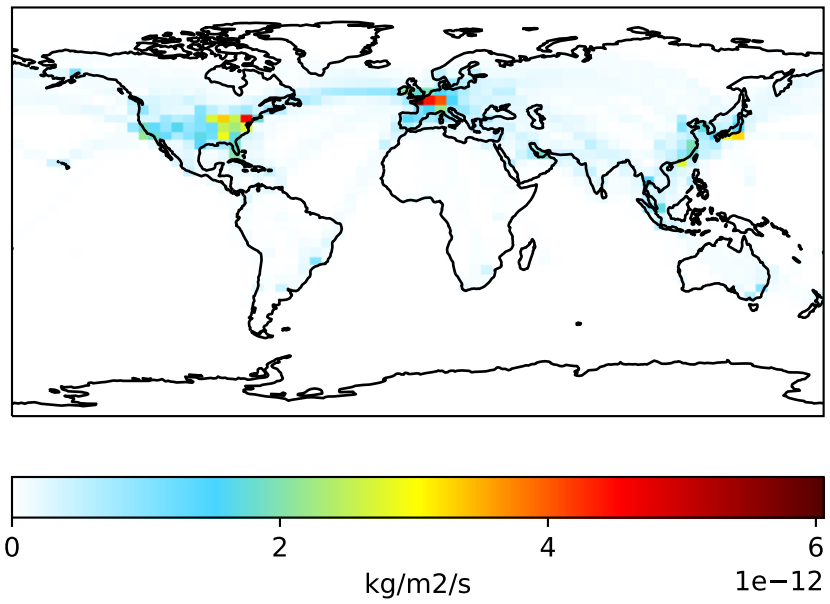


Ratio
Dev/Ref, Fixed Range

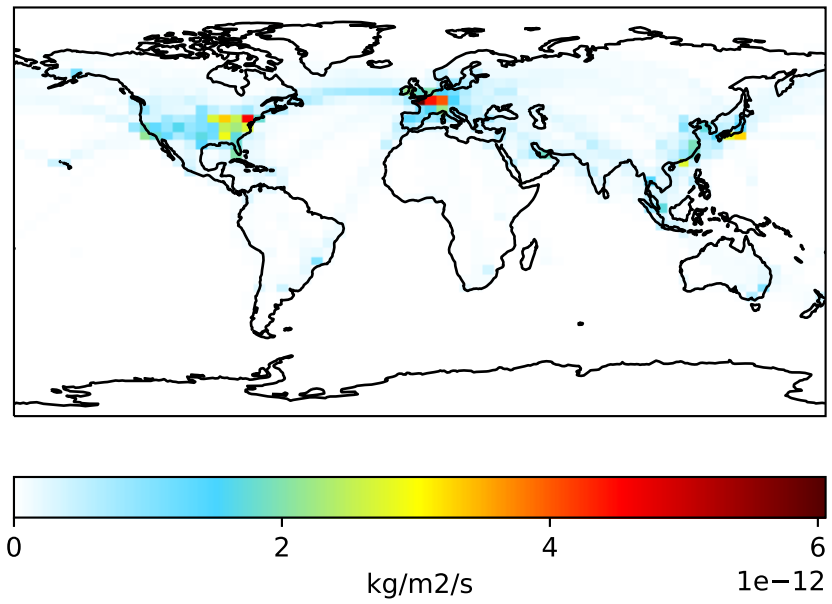


EmisNO_Aircraft (Jan2019)

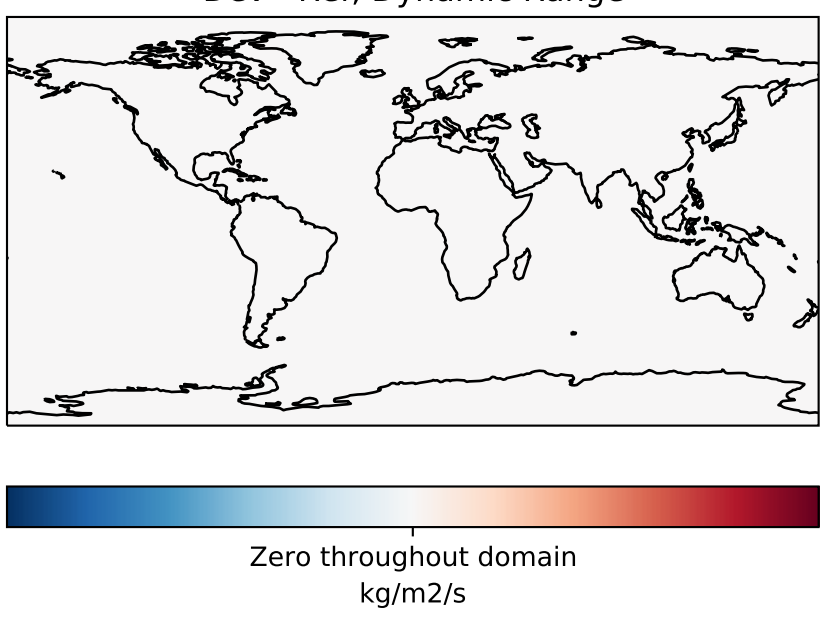
GCC_13.0.0-beta.1 (Ref)
4.0x5.0



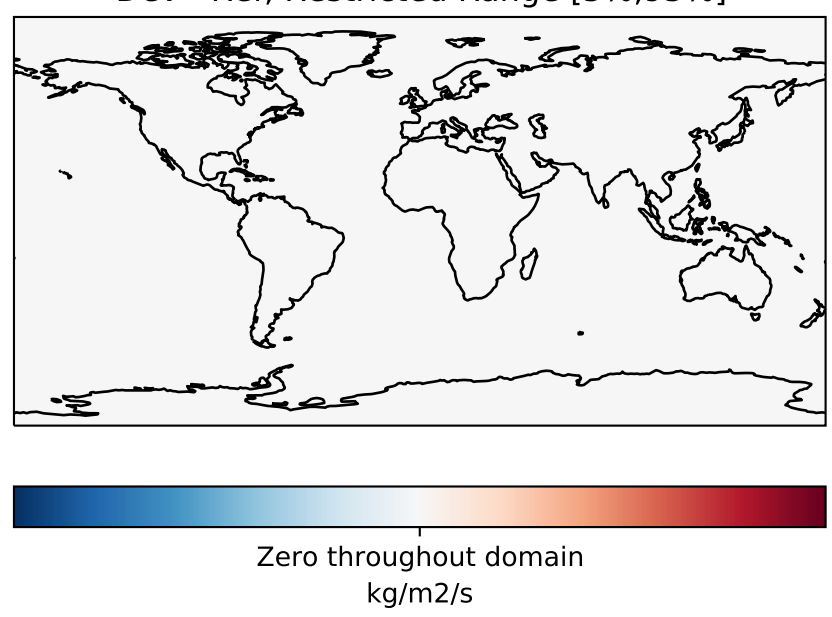
GCC_13.0.0 (Dev)
4.0x5.0



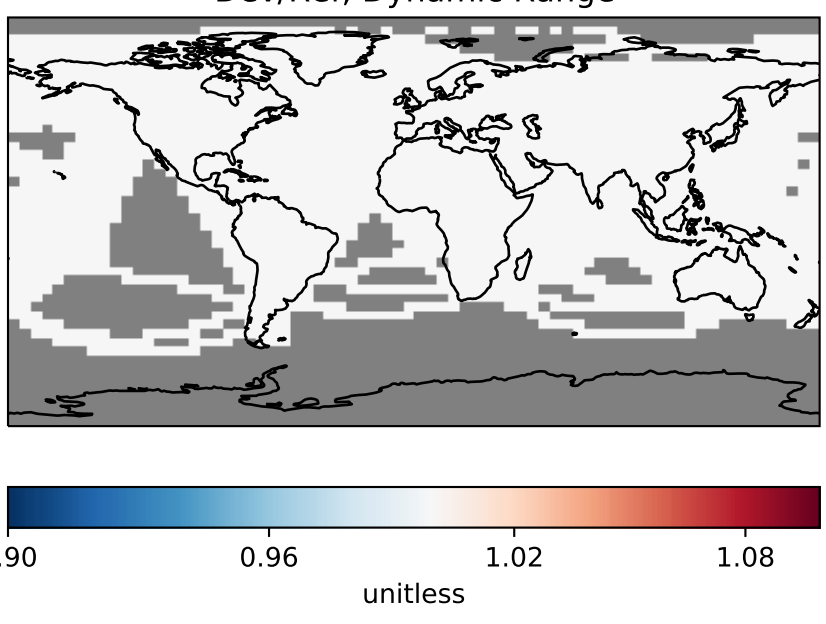
Difference
Dev - Ref, Dynamic Range



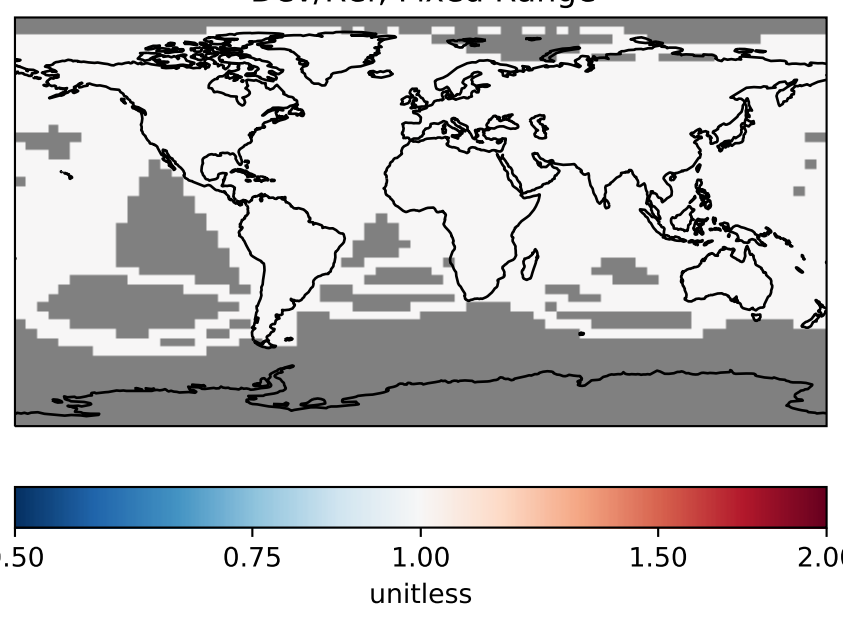
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

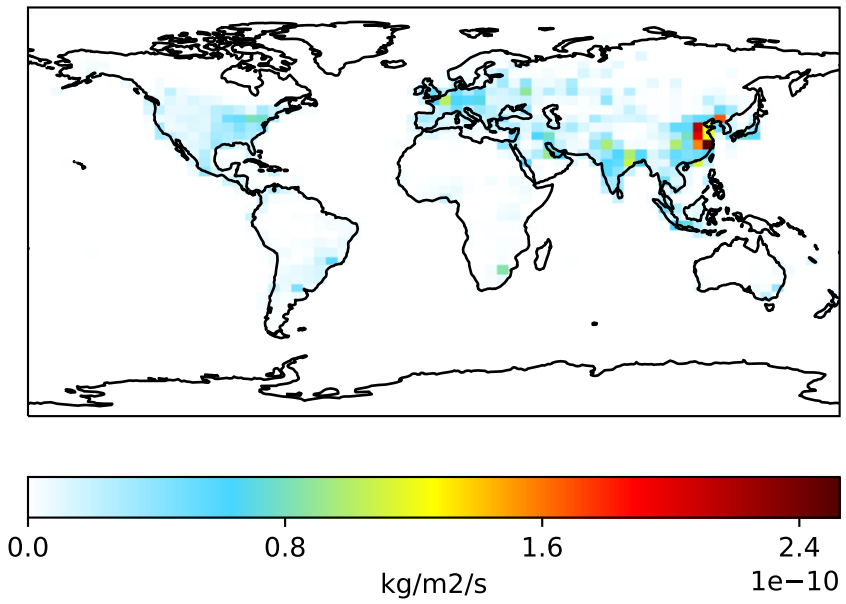


Ratio
Dev/Ref, Fixed Range

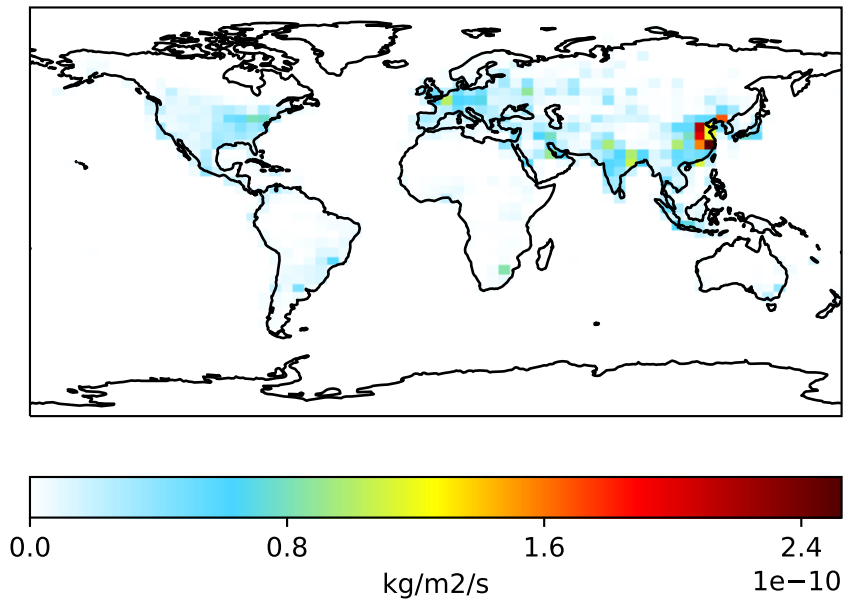


EmisNO_Anthro (Jan2019)

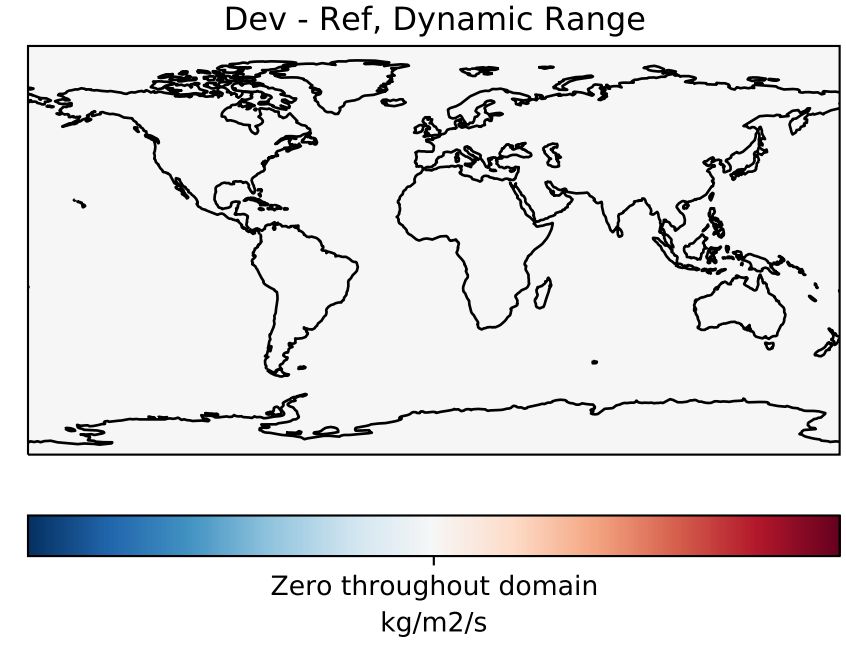
GCC_13.0.0-beta.1 (Ref)
4.0x5.0



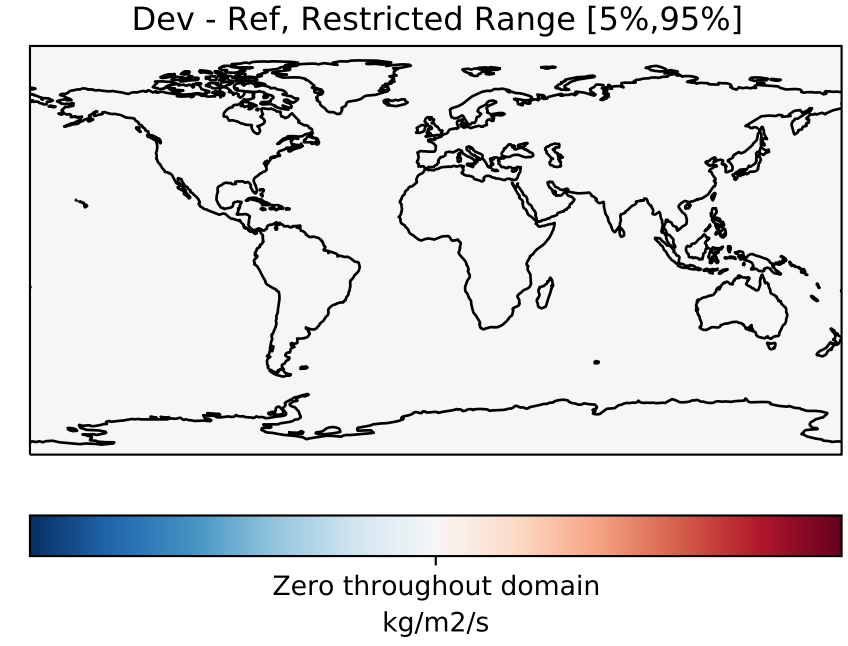
GCC_13.0.0 (Dev)
4.0x5.0



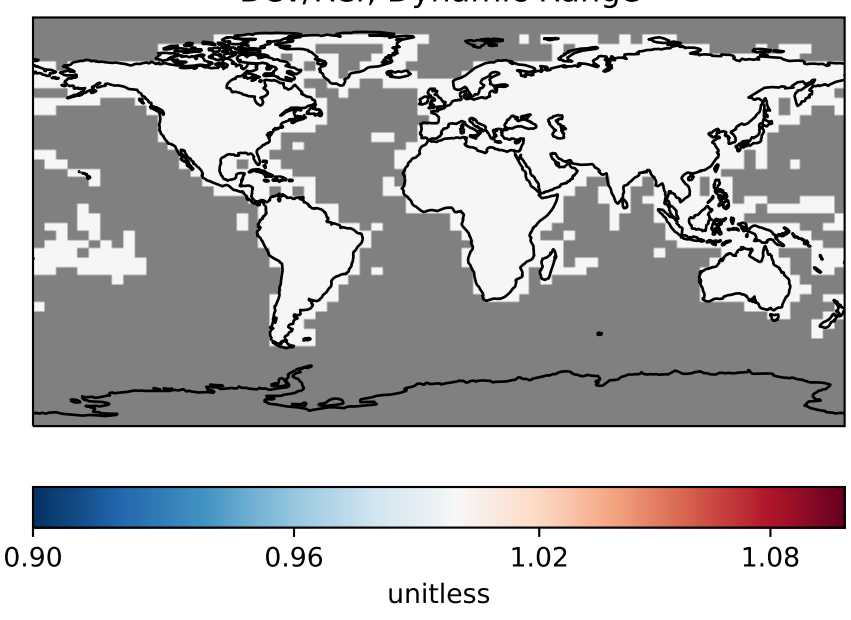
Difference
Dev - Ref, Dynamic Range



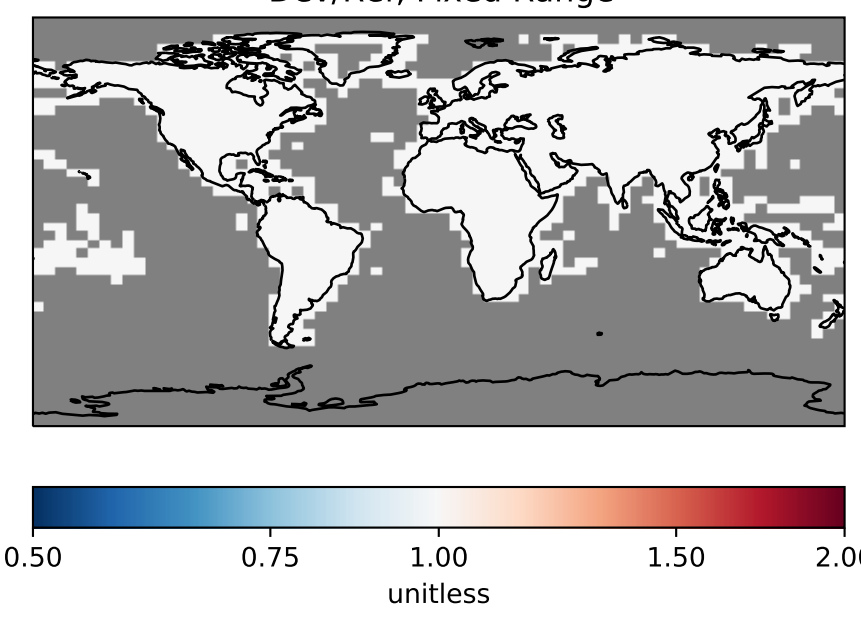
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

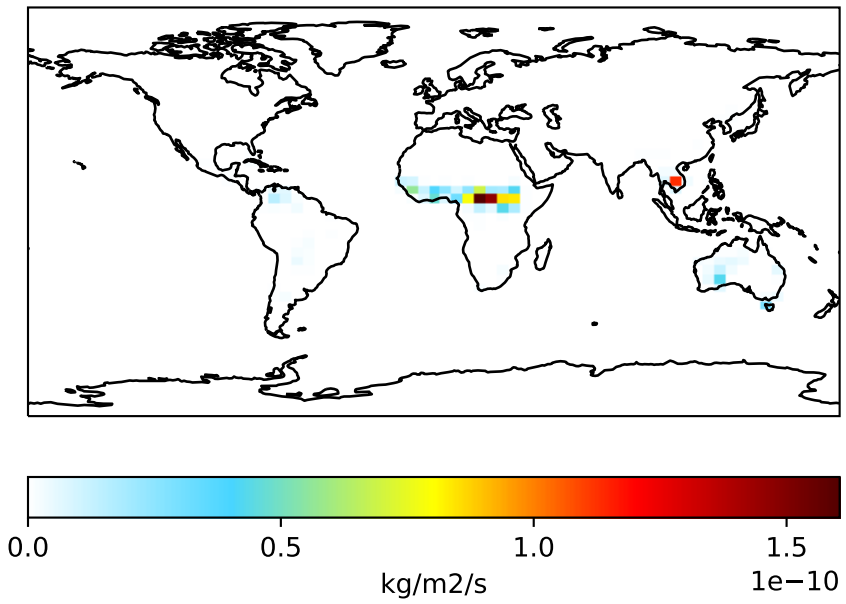


Ratio
Dev/Ref, Fixed Range

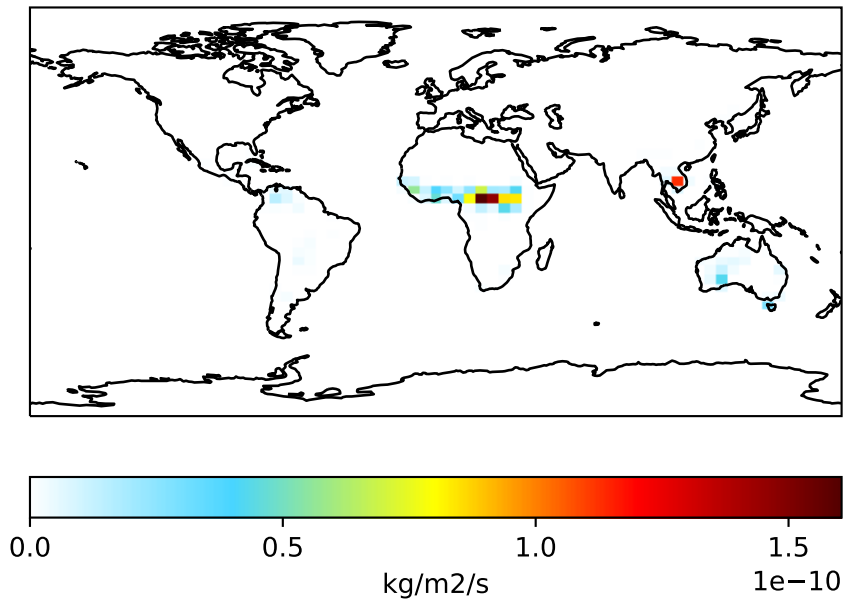


EmisNO_BioBurn (Jan2019)

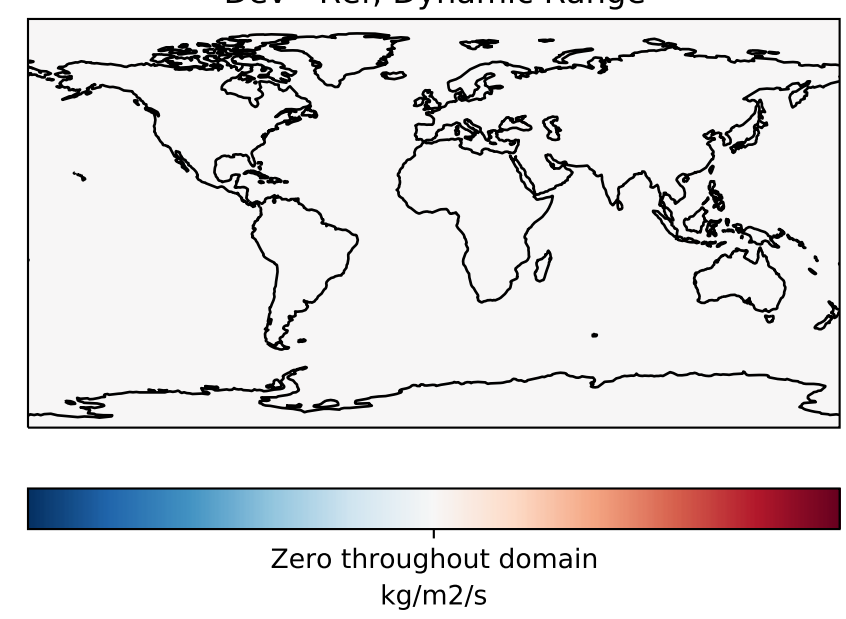
GCC_13.0.0-beta.1 (Ref)
4.0x5.0



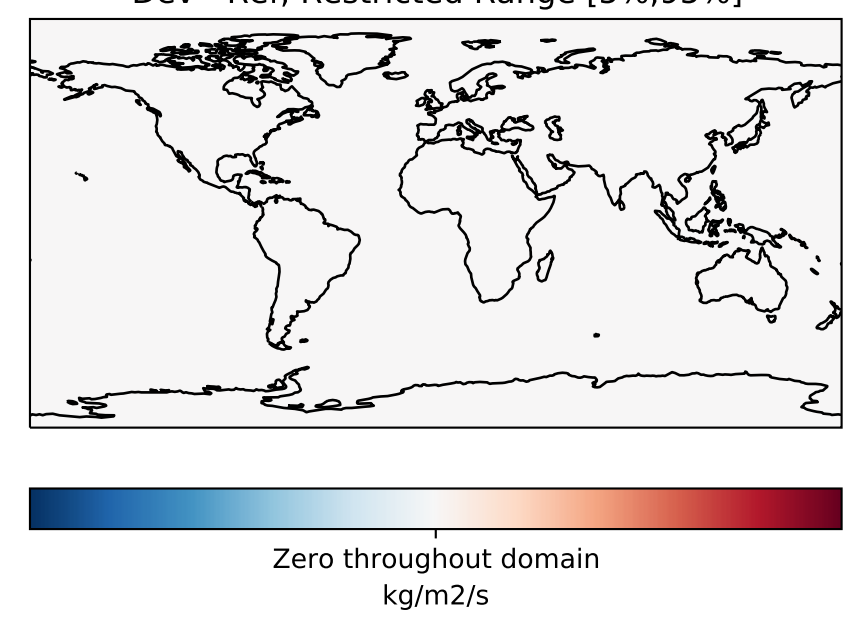
GCC_13.0.0 (Dev)
4.0x5.0



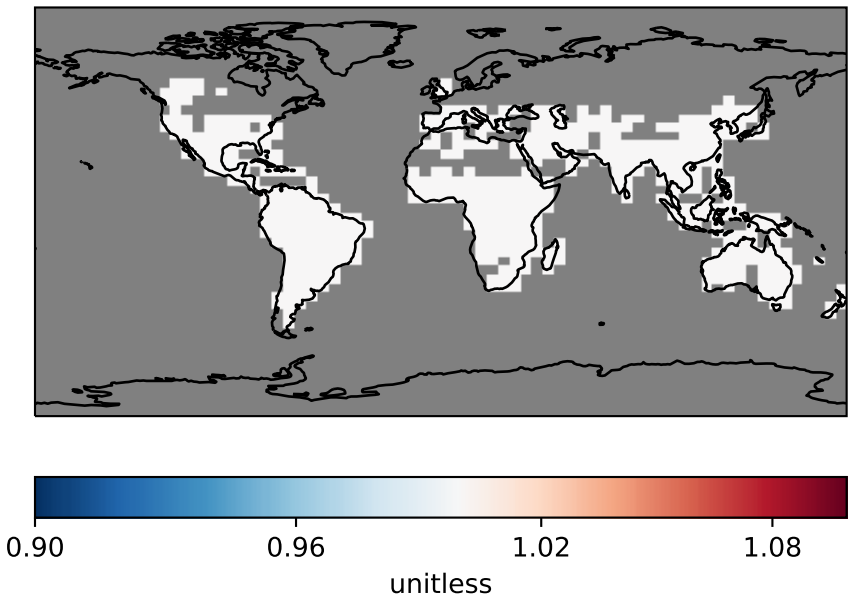
Difference
Dev - Ref, Dynamic Range



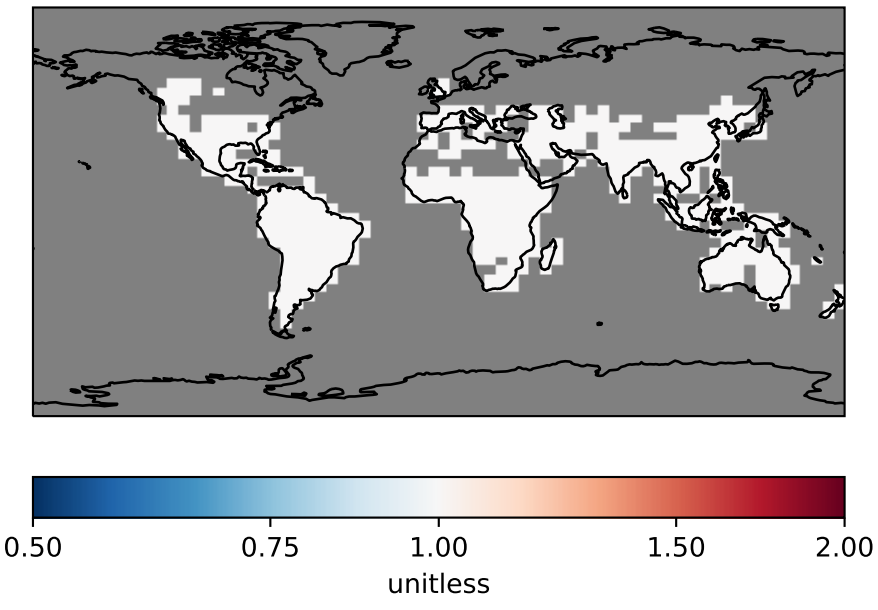
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

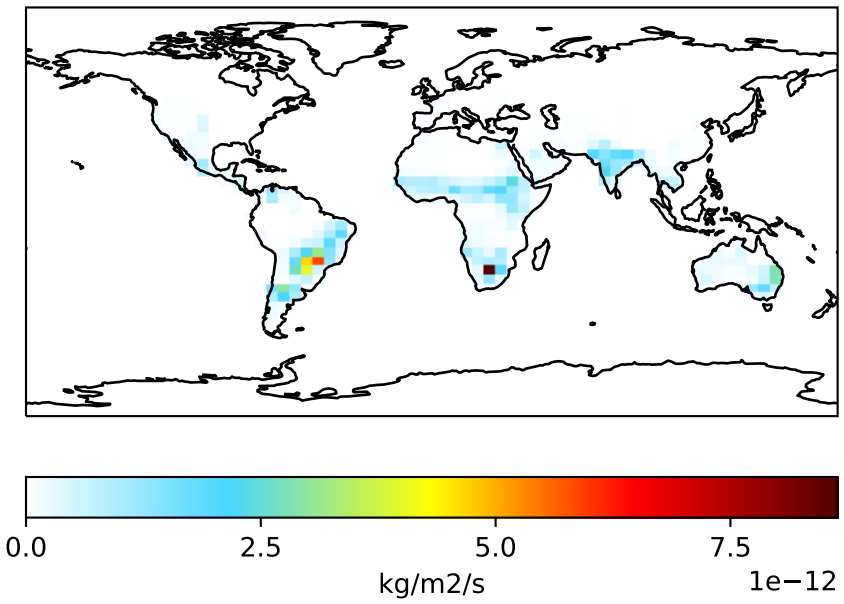


Ratio
Dev/Ref, Fixed Range

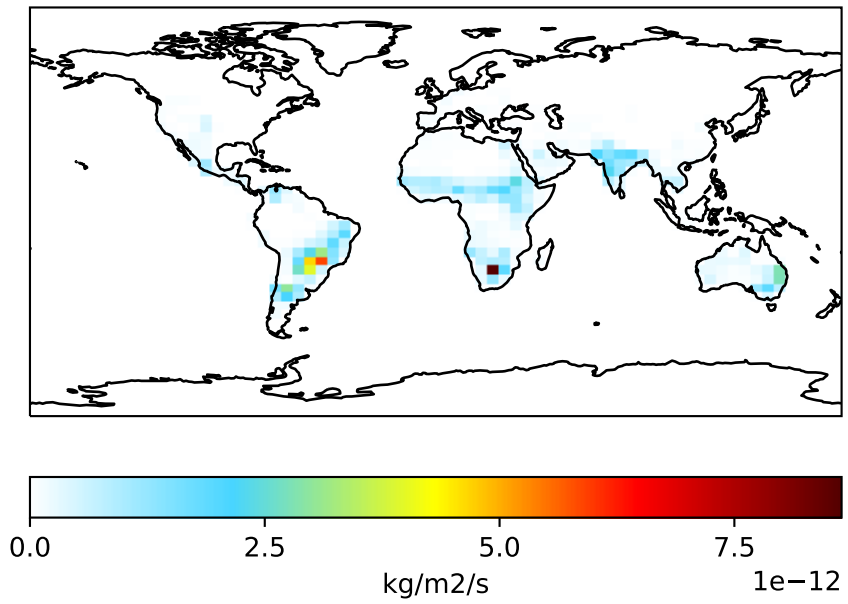


EmisNO_Fert (Jan2019)

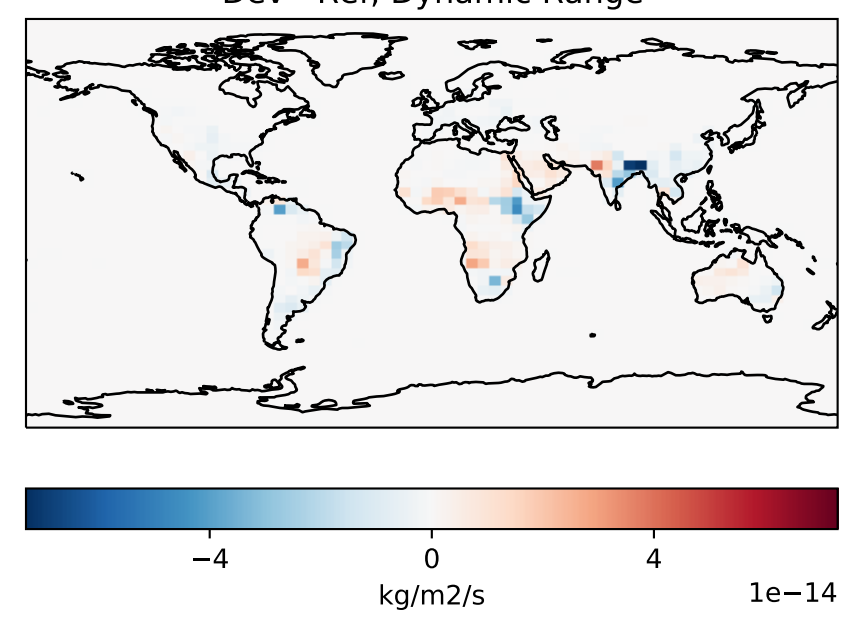
GCC_13.0.0-beta.1 (Ref)
4.0x5.0



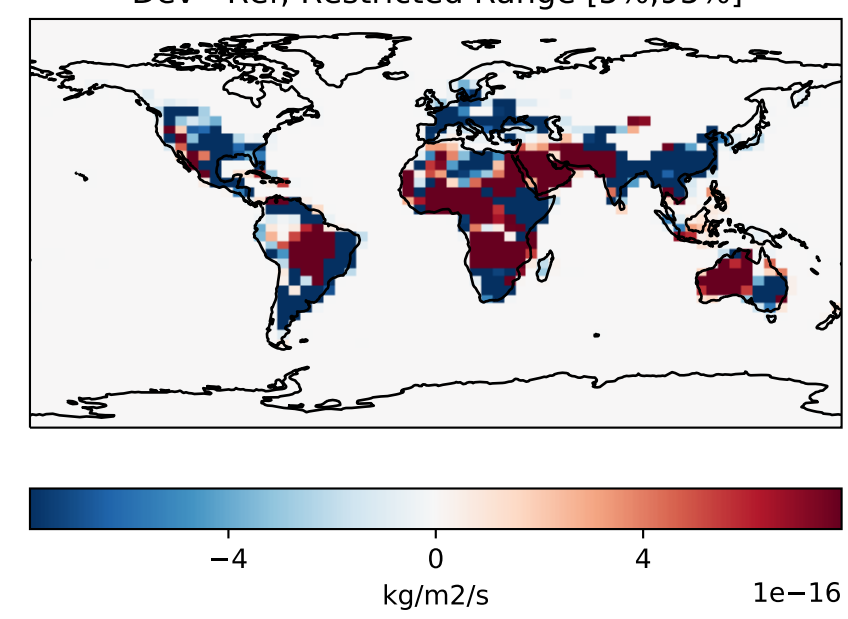
GCC_13.0.0 (Dev)
4.0x5.0



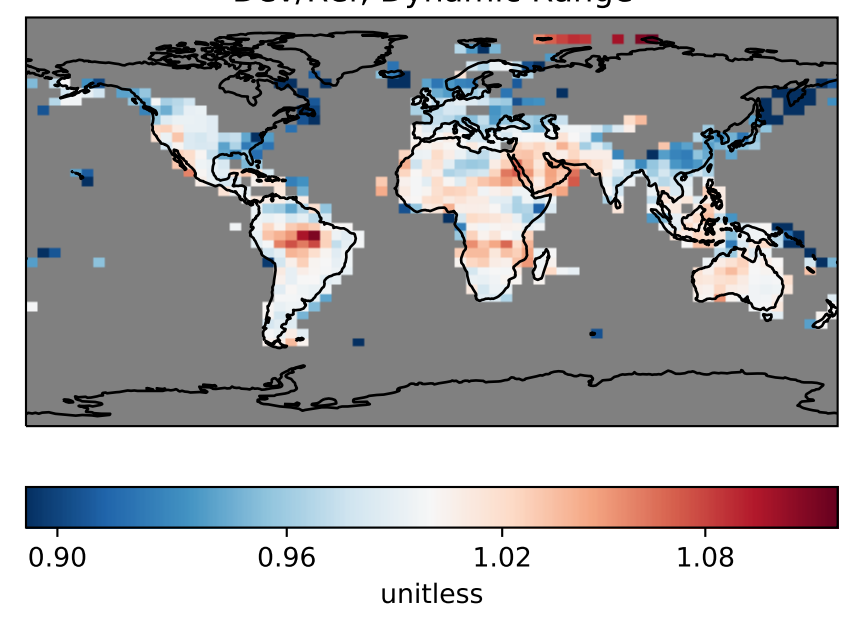
Difference
Dev - Ref, Dynamic Range



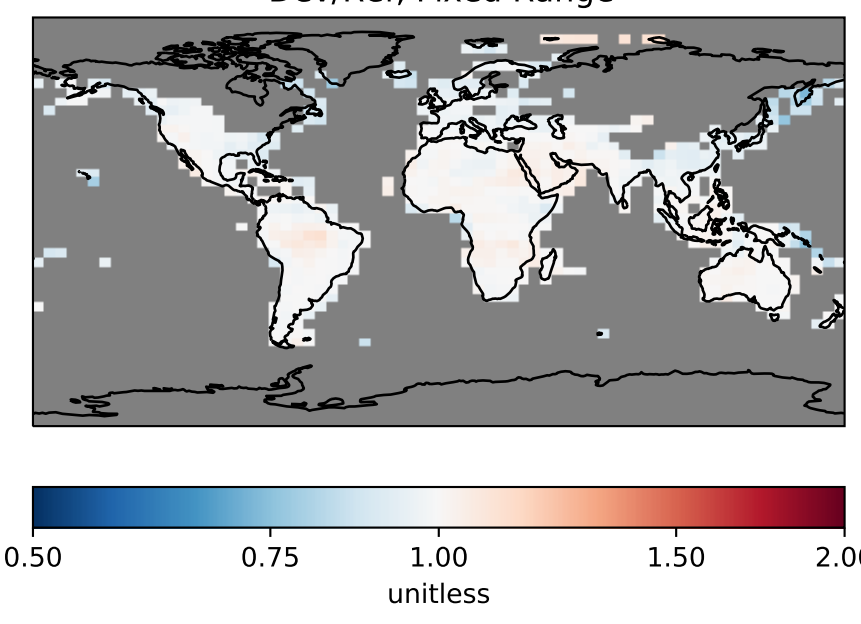
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

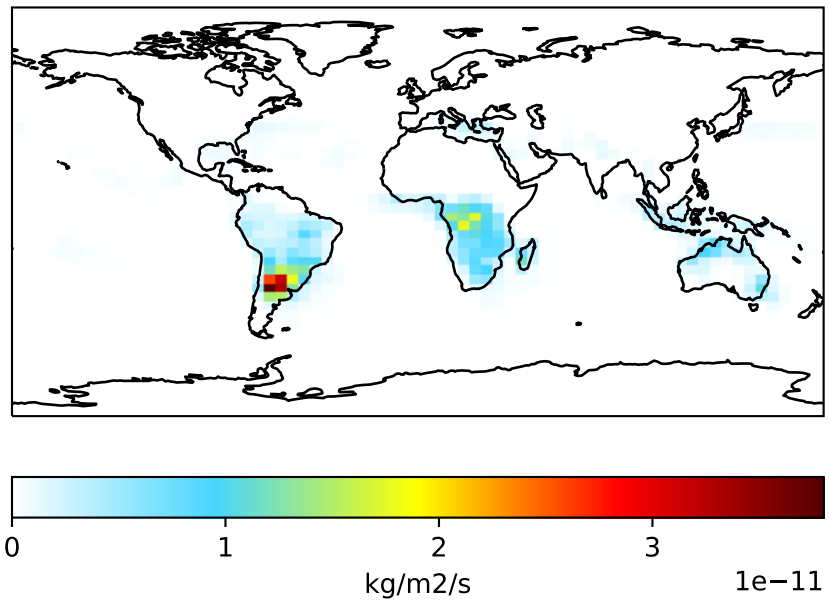


Ratio
Dev/Ref, Fixed Range

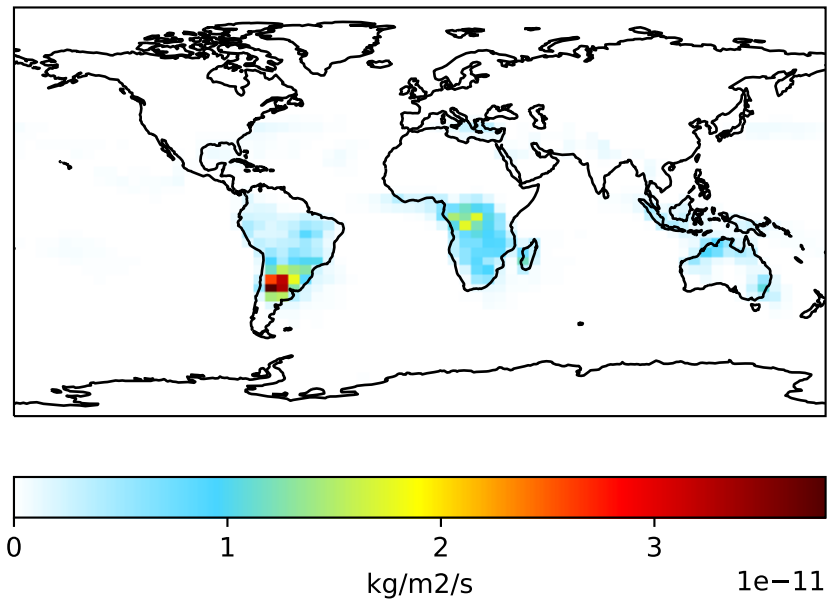


EmisNO_Lightning (Jan2019)

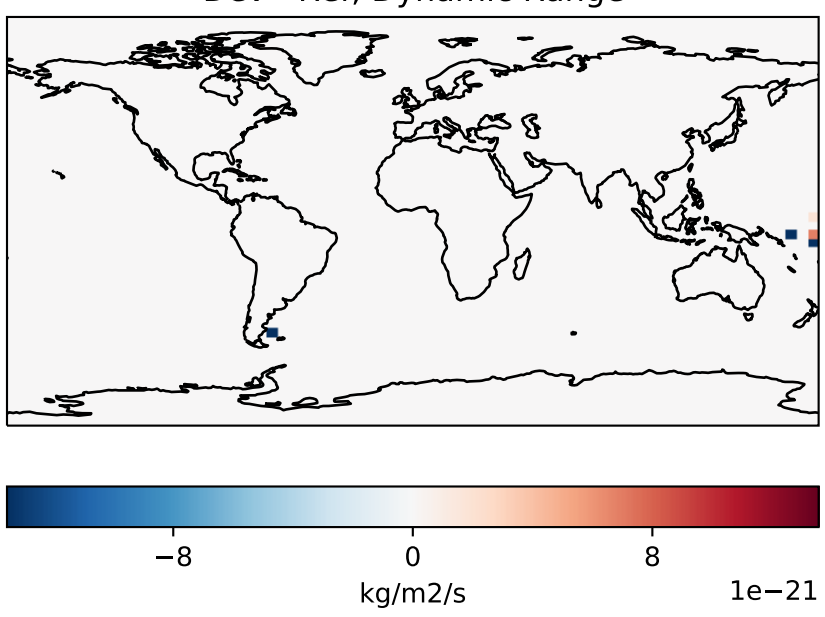
GCC_13.0.0-beta.1 (Ref)
4.0x5.0



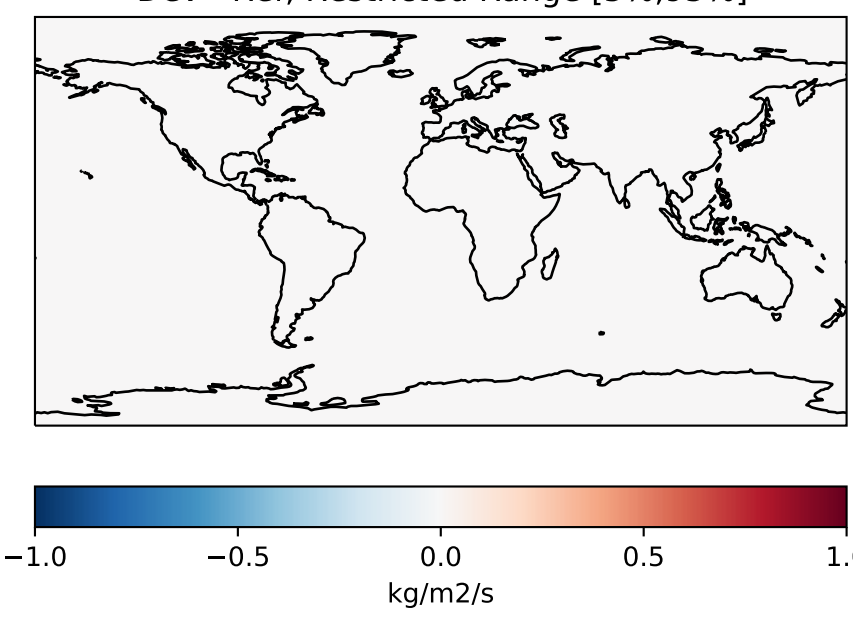
GCC_13.0.0 (Dev)
4.0x5.0



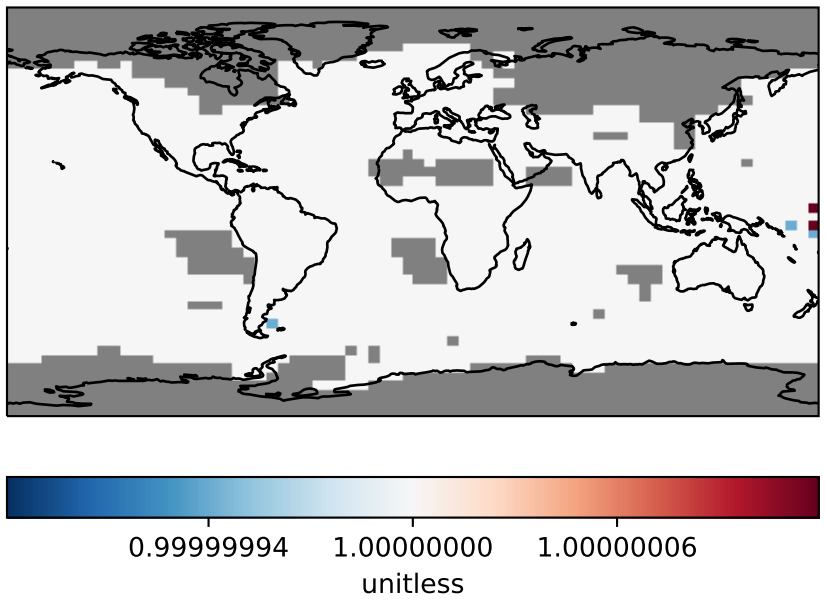
Difference
Dev - Ref, Dynamic Range



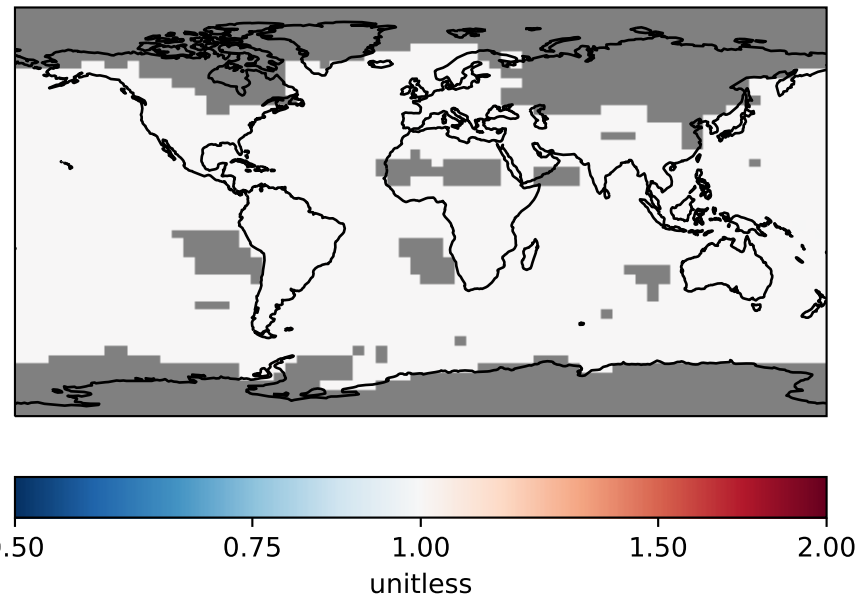
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

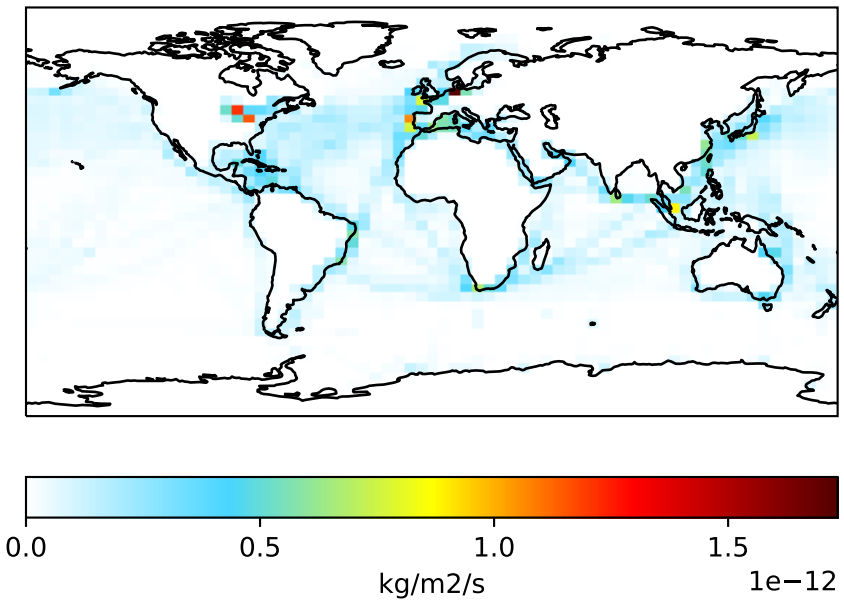


Ratio
Dev/Ref, Fixed Range

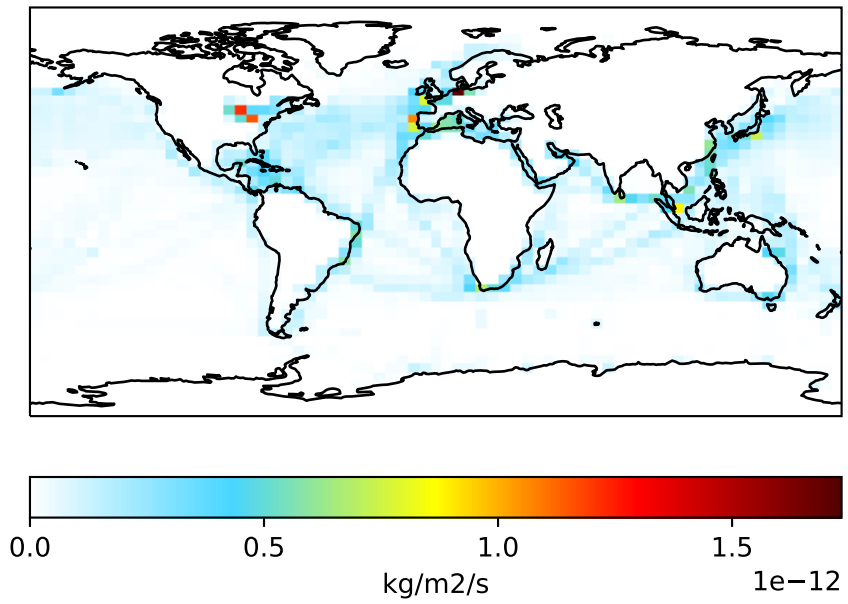


EmisNO_Ship (Jan2019)

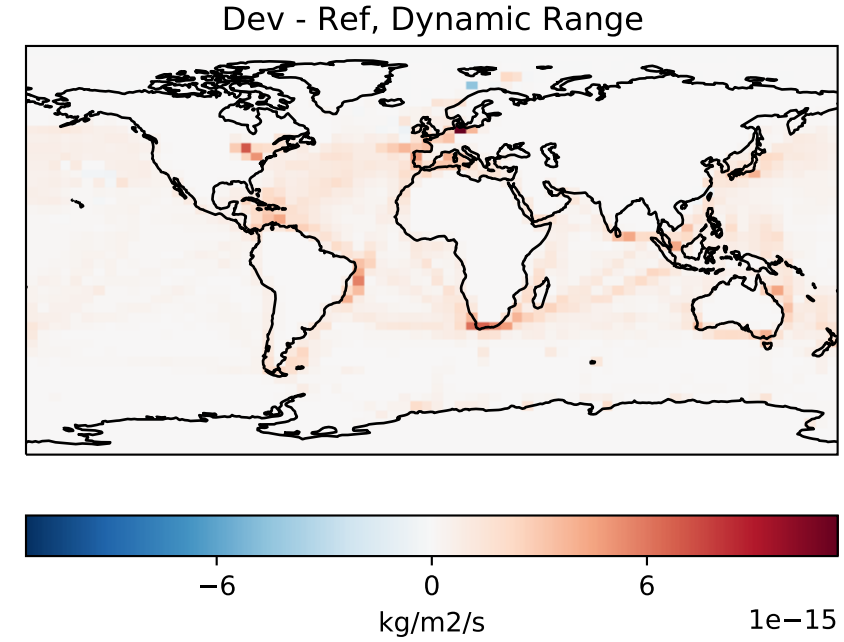
GCC_13.0.0-beta.1 (Ref)
4.0x5.0



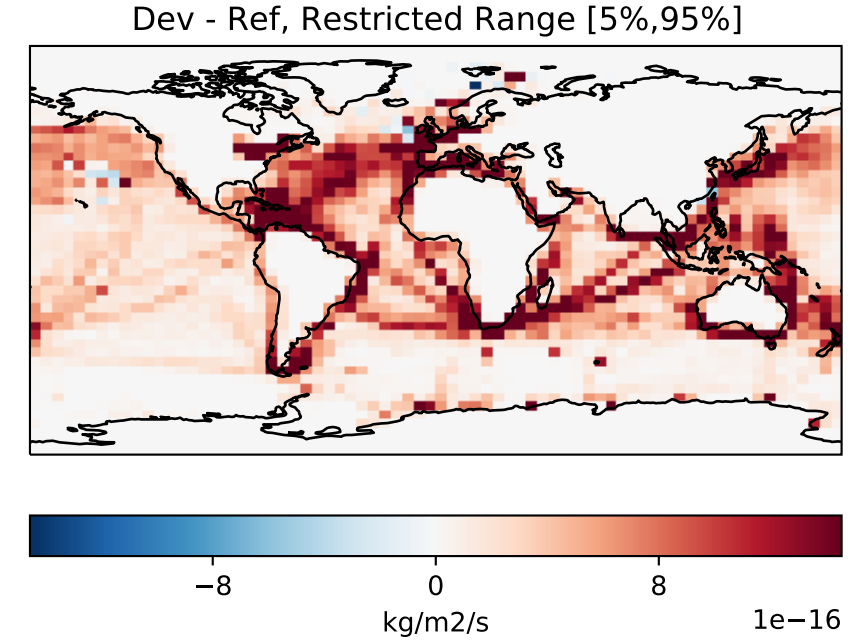
GCC_13.0.0 (Dev)
4.0x5.0



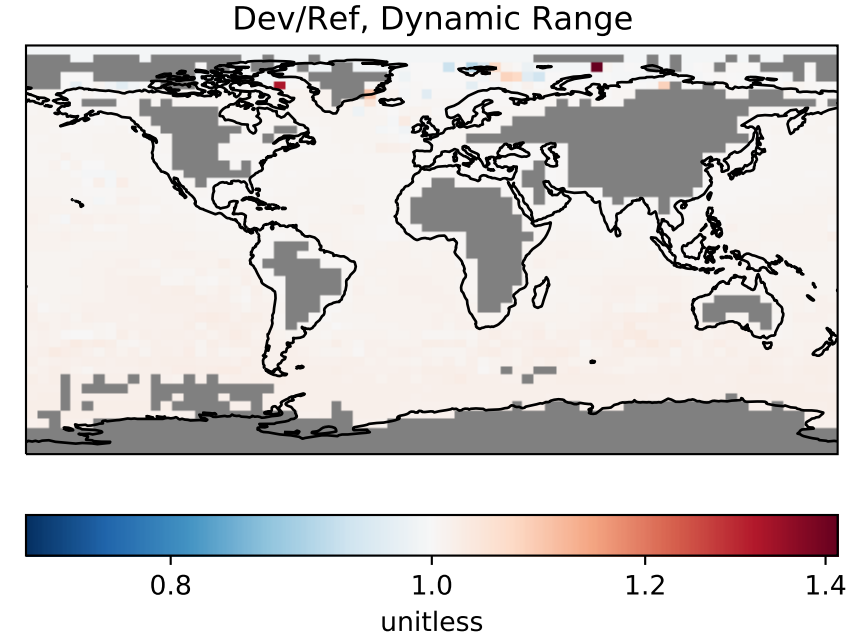
Difference
Dev - Ref, Dynamic Range



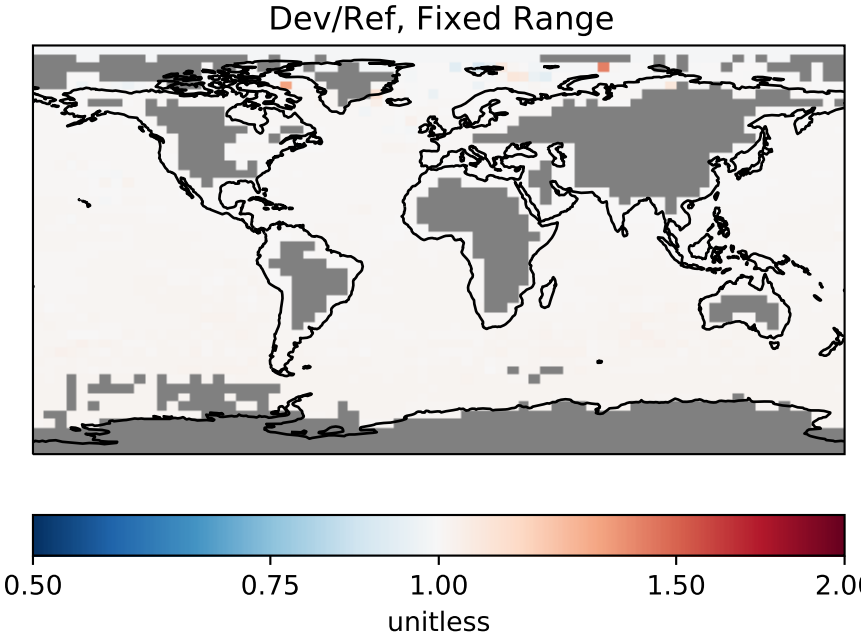
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

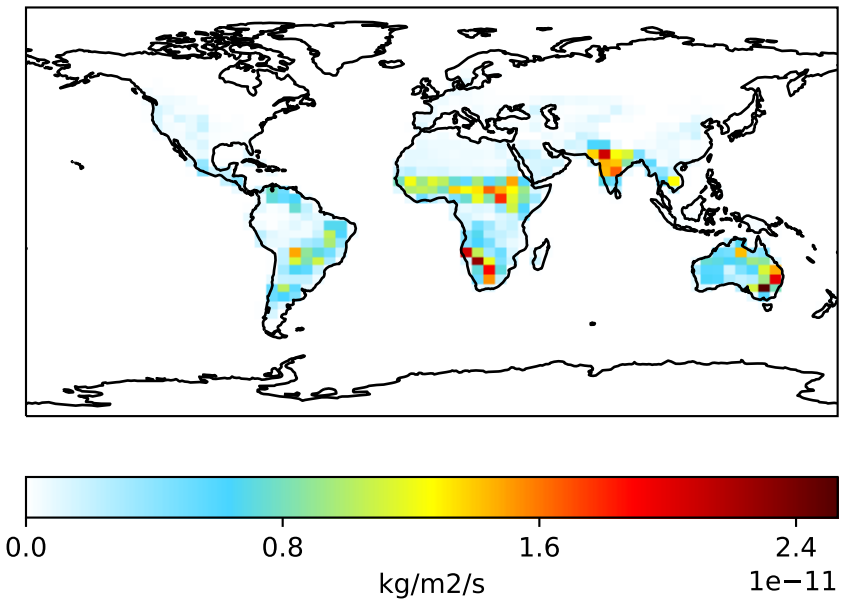


Ratio
Dev/Ref, Fixed Range

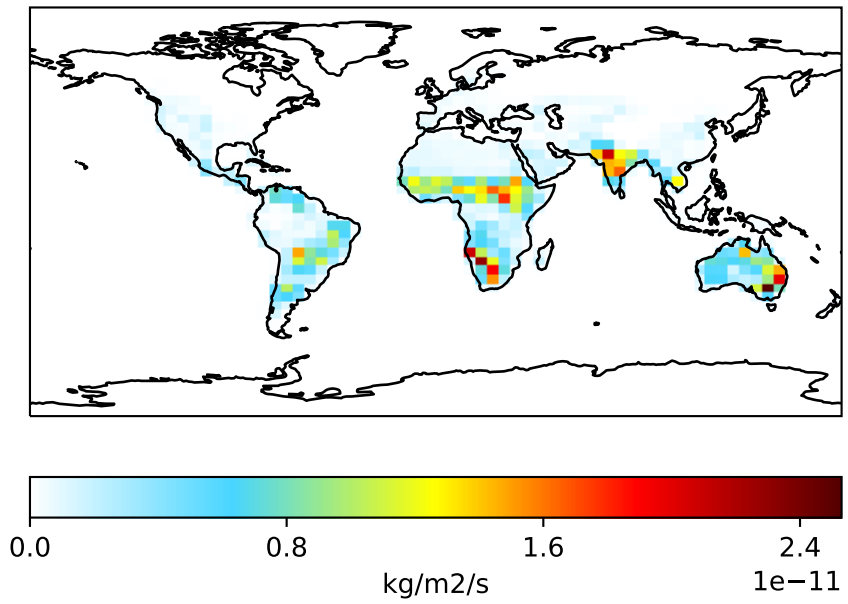


EmisNO_Soil (Jan2019)

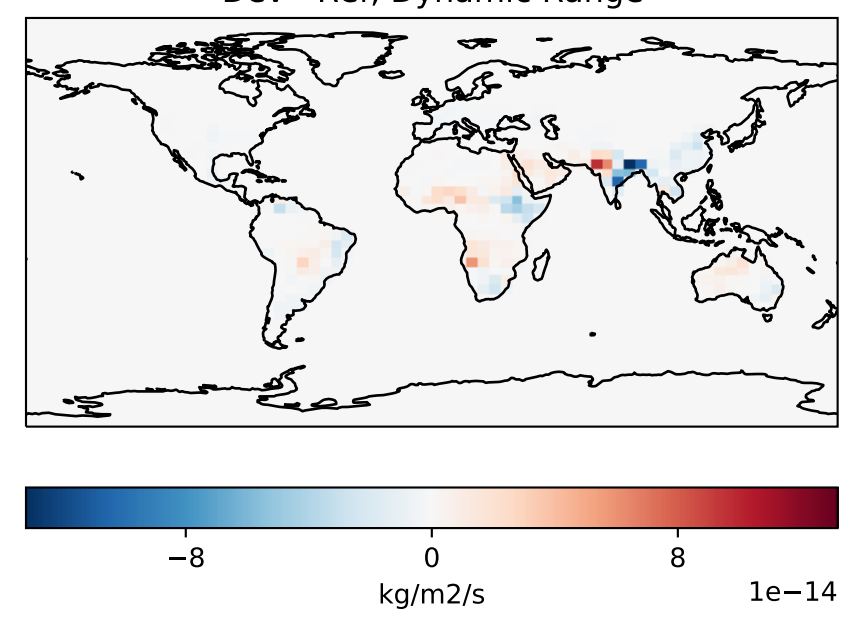
GCC_13.0.0-beta.1 (Ref)
4.0x5.0



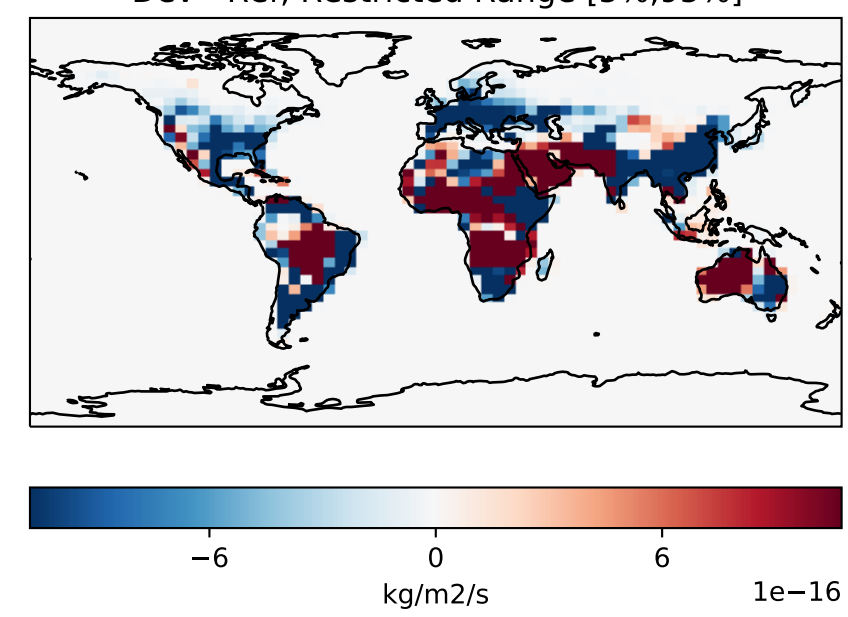
GCC_13.0.0 (Dev)
4.0x5.0



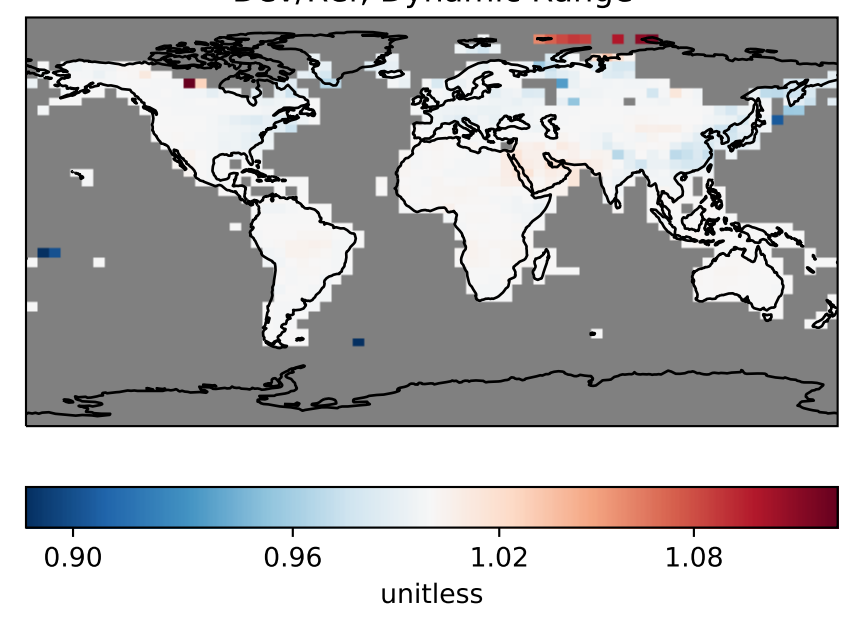
Difference
Dev - Ref, Dynamic Range



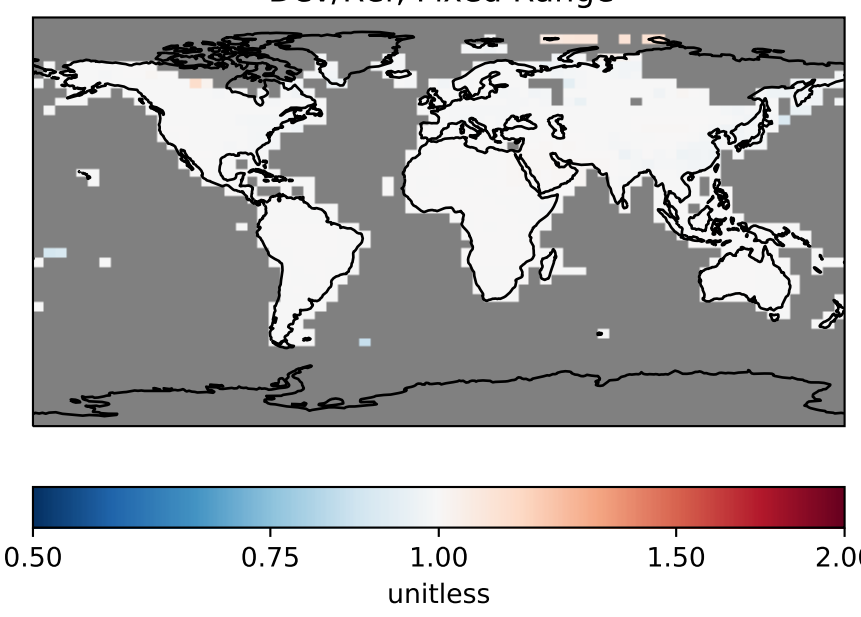
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

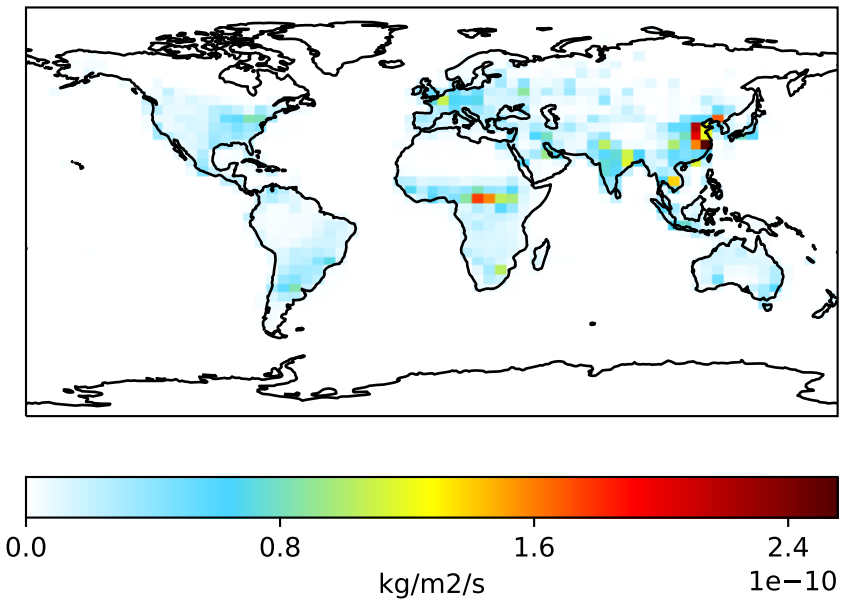


Ratio
Dev/Ref, Fixed Range

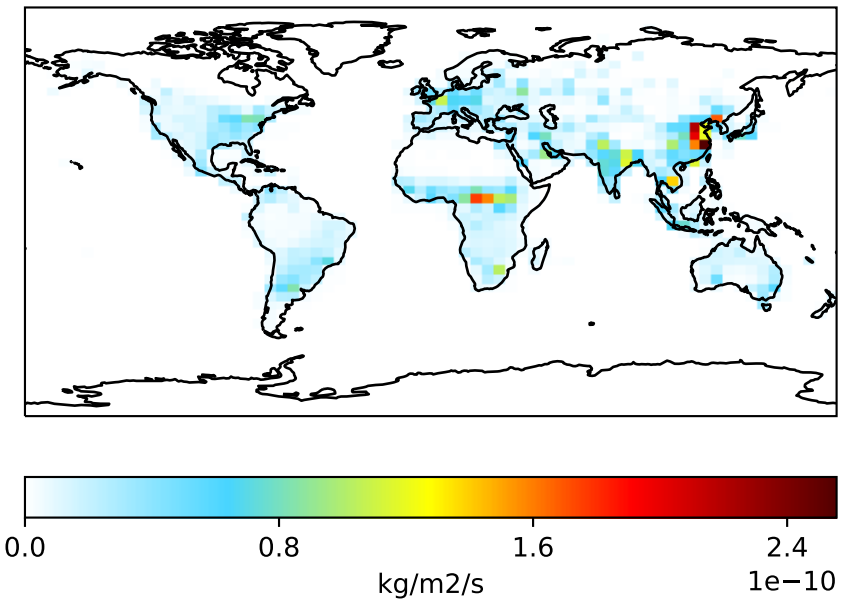


EmisNO_Total (Jan2019)

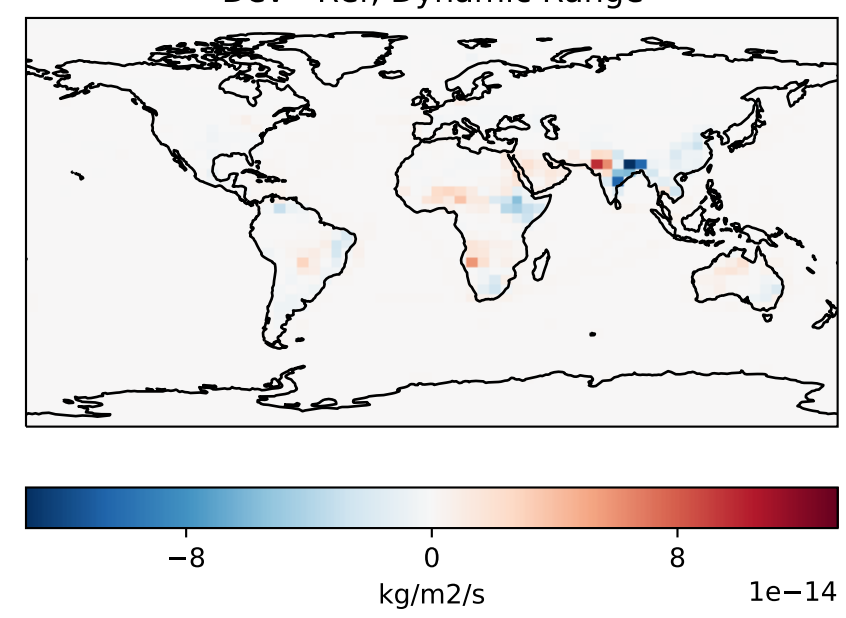
GCC_13.0.0-beta.1 (Ref)
4.0x5.0



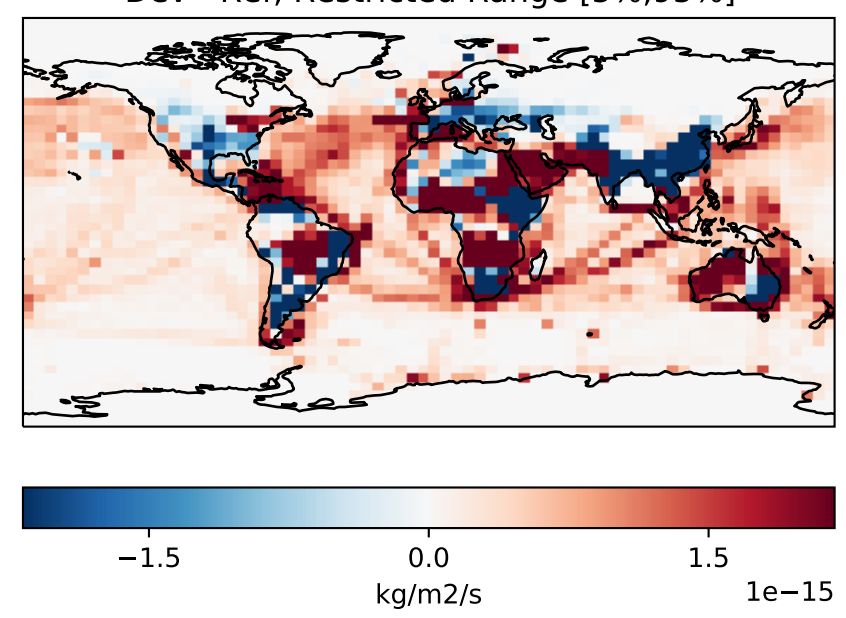
GCC_13.0.0 (Dev)
4.0x5.0



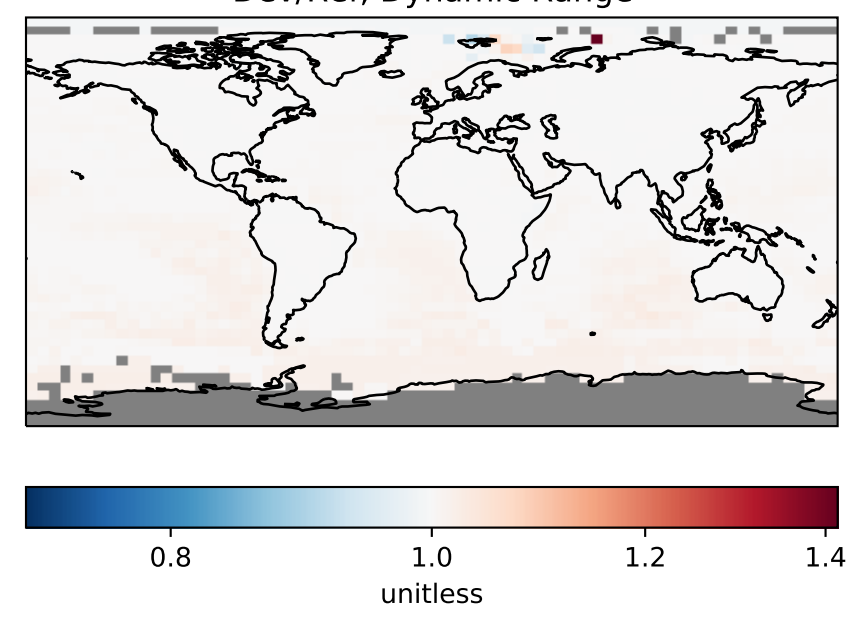
Difference
Dev - Ref, Dynamic Range



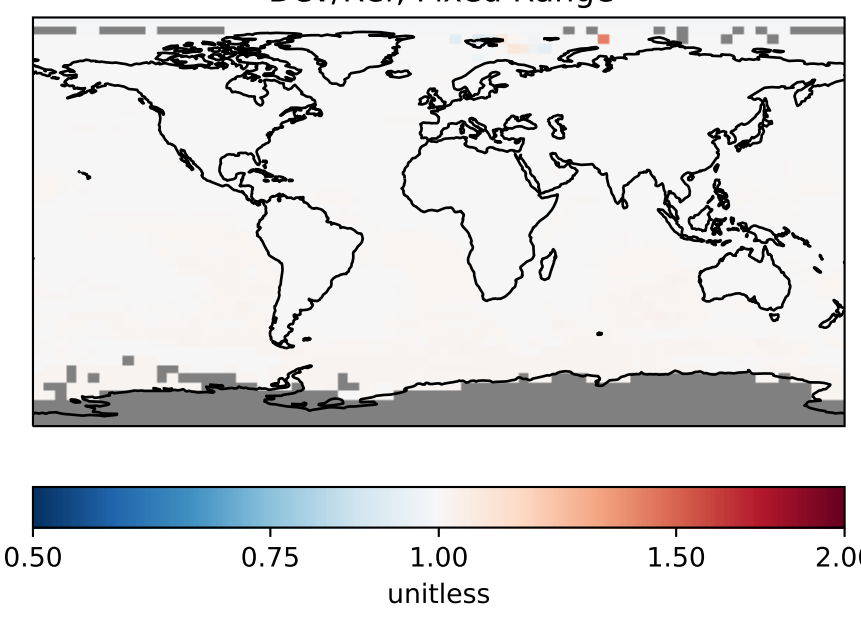
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

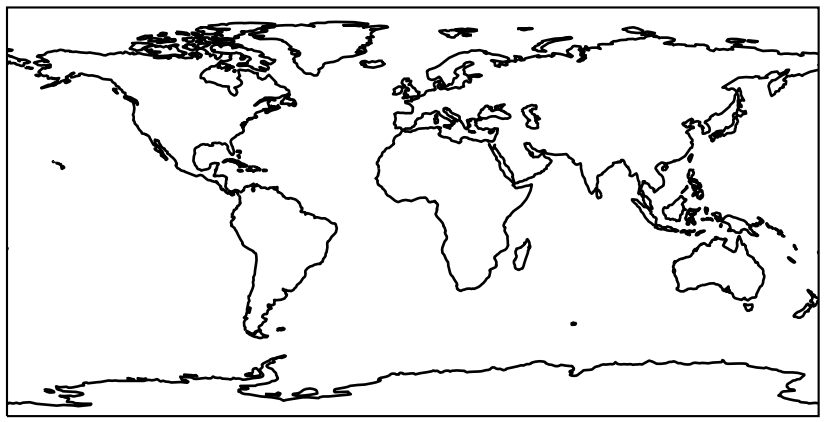


Ratio
Dev/Ref, Fixed Range



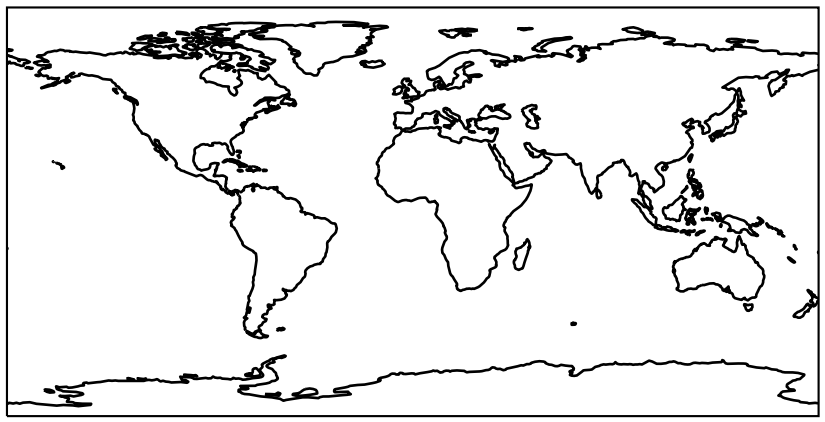
EmisNO2_Anthro (Jan2019)

GCC_13.0.0-beta.1 (Ref)
4.0x5.0



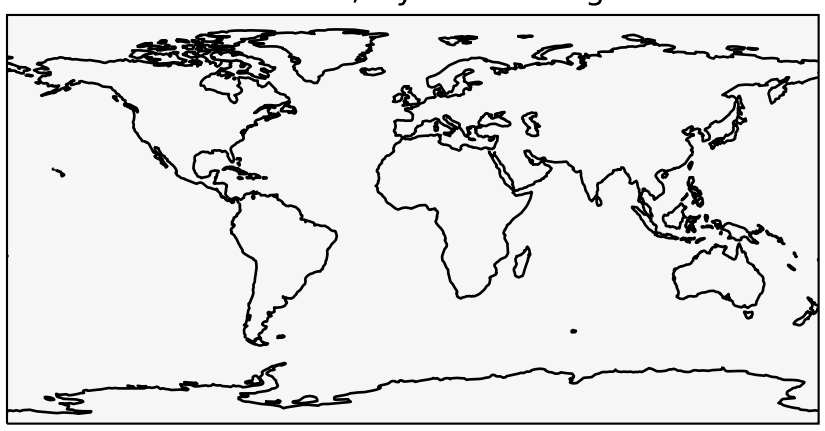
Zero throughout domain
kg/m2/s

GCC_13.0.0 (Dev)
4.0x5.0



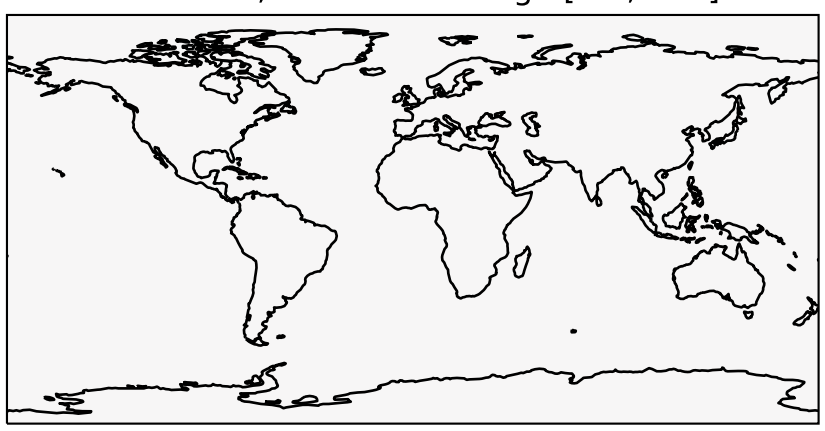
Zero throughout domain
kg/m2/s

Difference
Dev - Ref, Dynamic Range



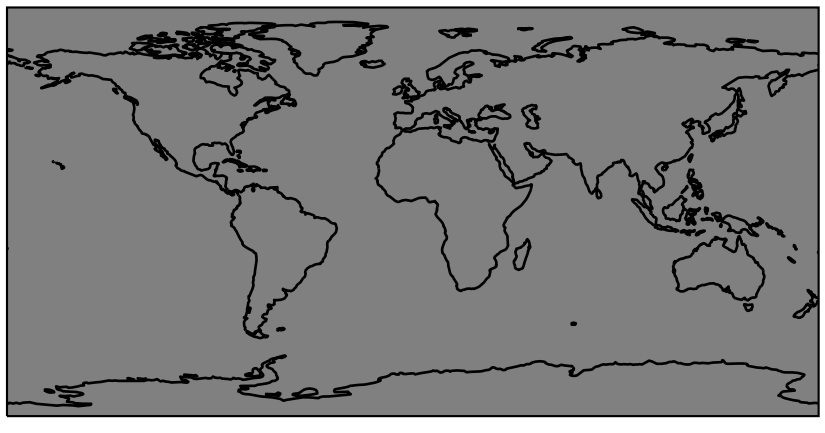
Zero throughout domain
kg/m2/s

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



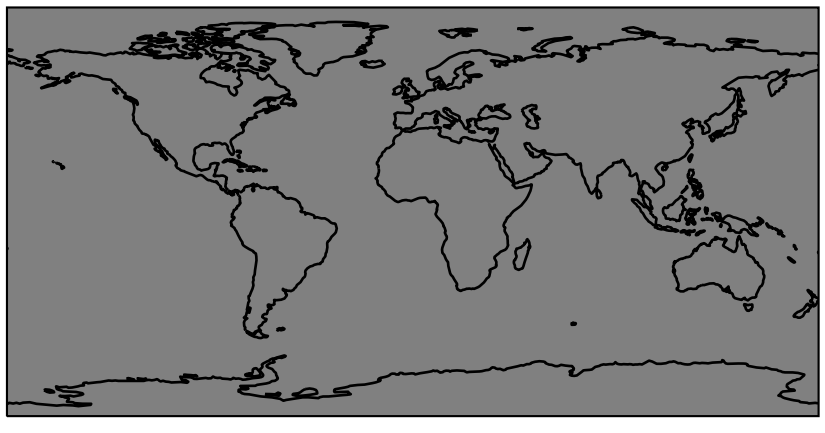
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

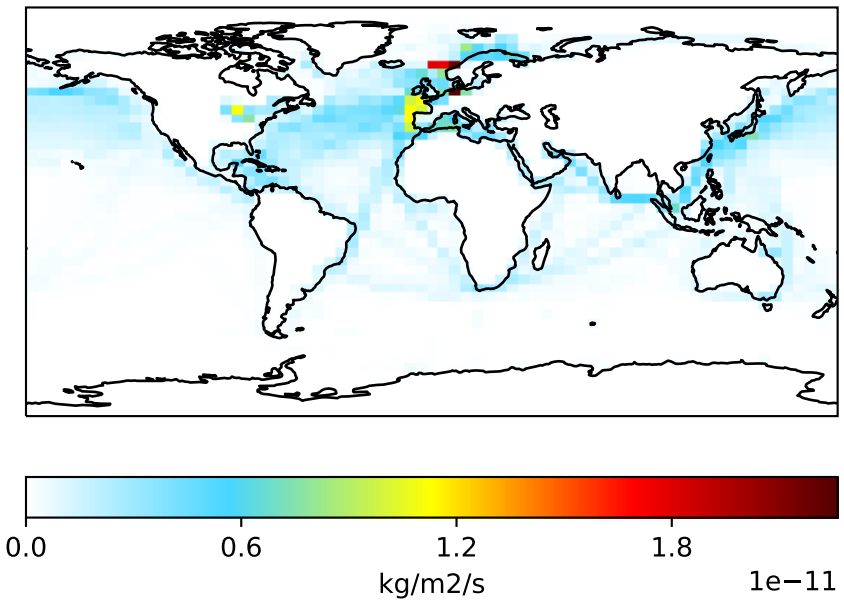
Ratio
Dev/Ref, Fixed Range



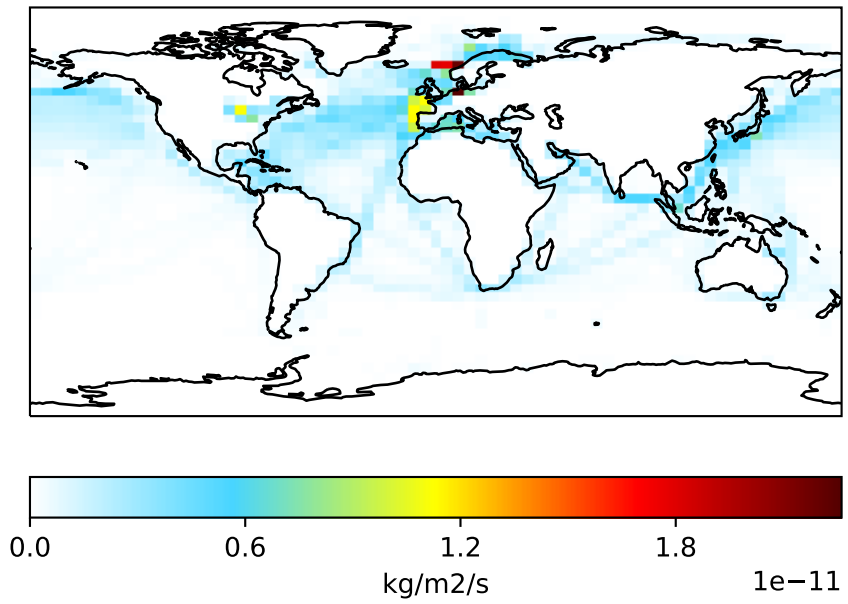
Undefined throughout domain
unitless

EmisNO2_Ship (Jan2019)

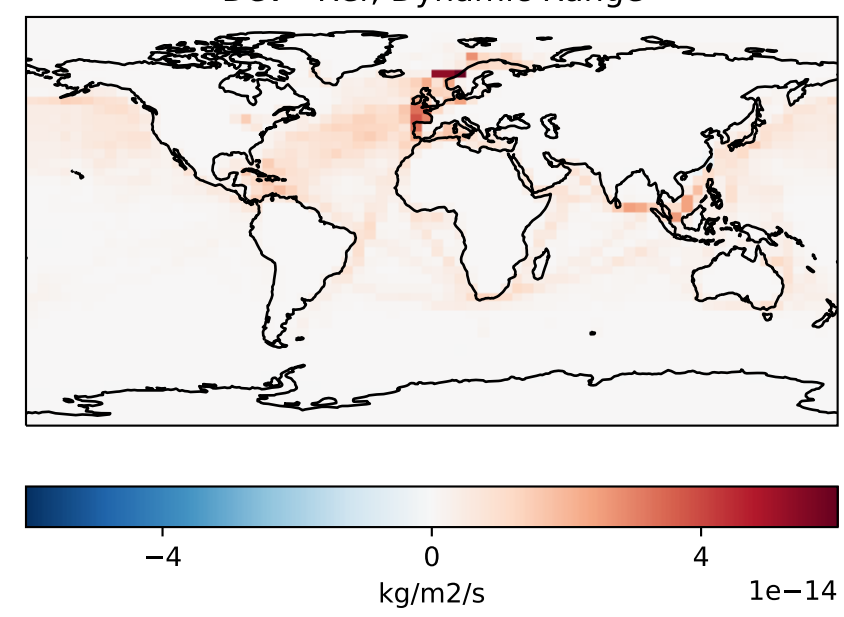
GCC_13.0.0-beta.1 (Ref)
4.0x5.0



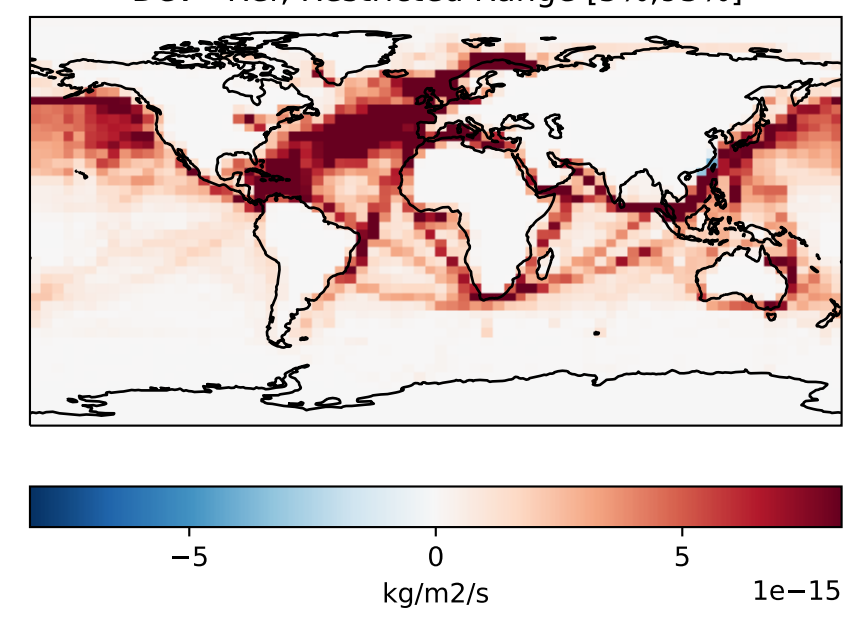
GCC_13.0.0 (Dev)
4.0x5.0



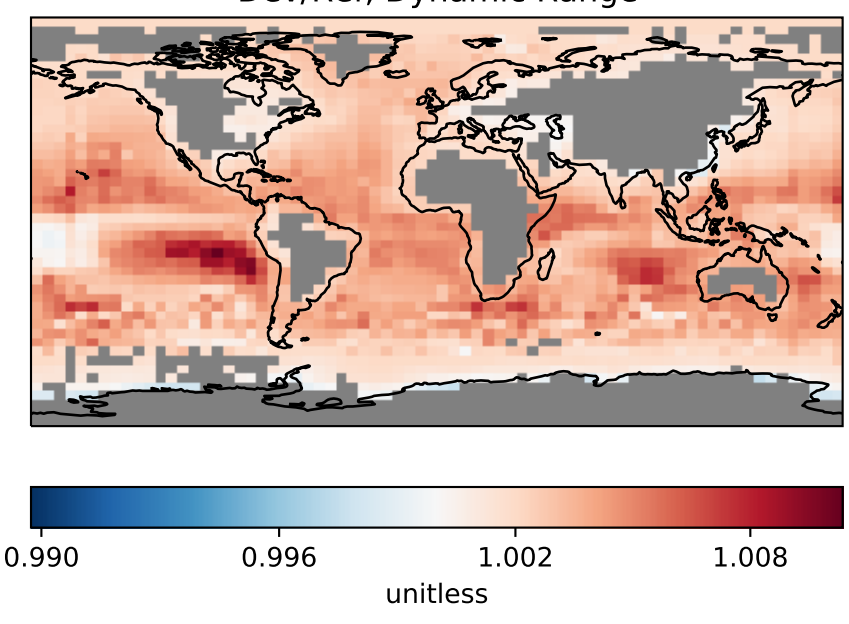
Difference
Dev - Ref, Dynamic Range



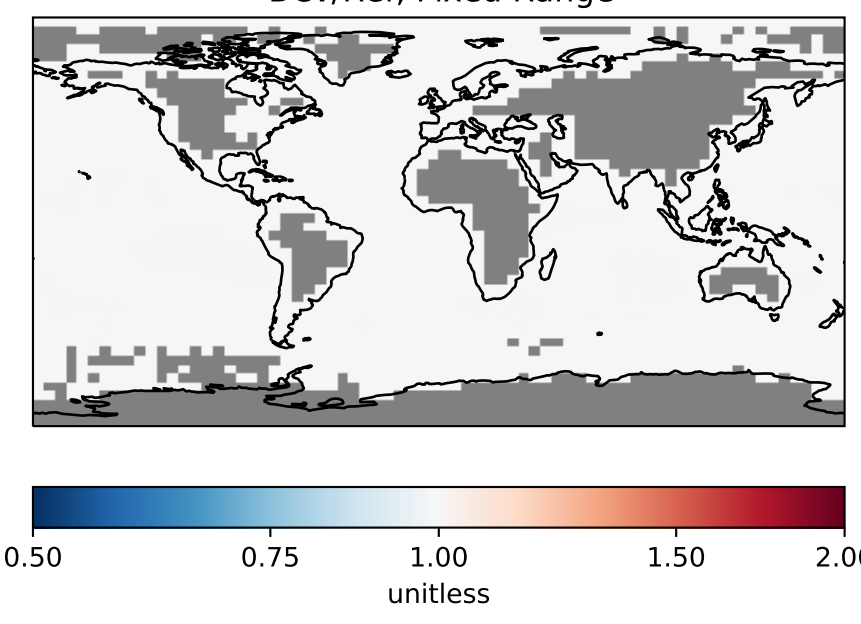
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

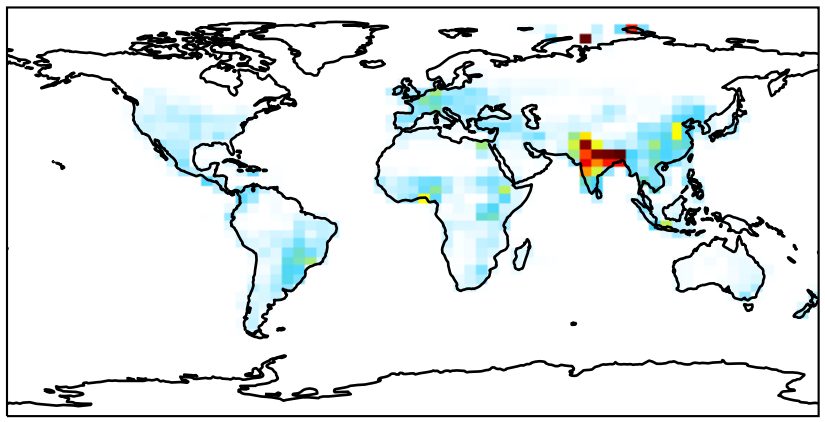


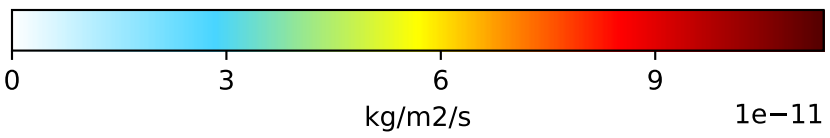
Ratio
Dev/Ref, Fixed Range



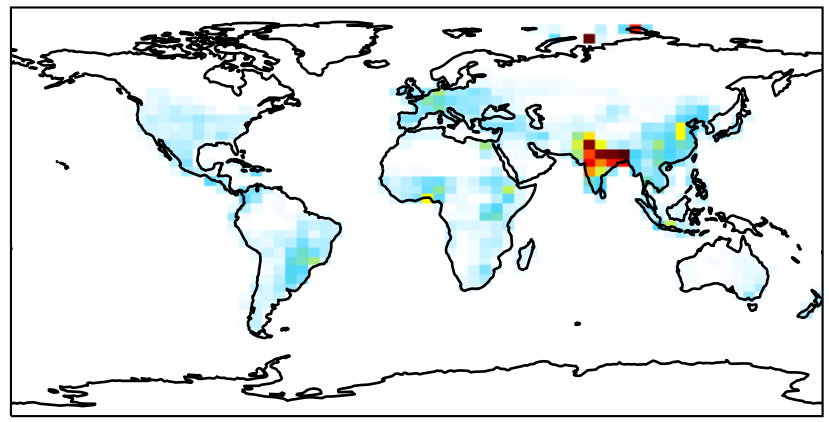
EmisNH3_Anthro (Jan2019)

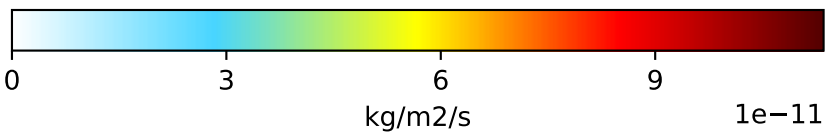
GCC_13.0.0-beta.1 (Ref)
4.0x5.0



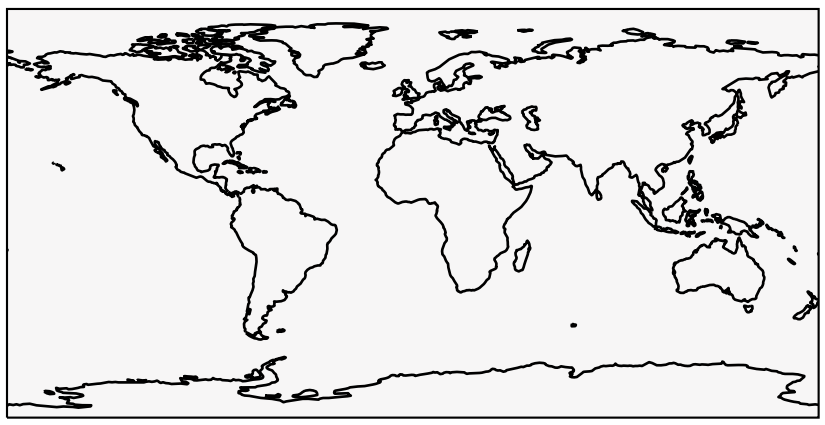


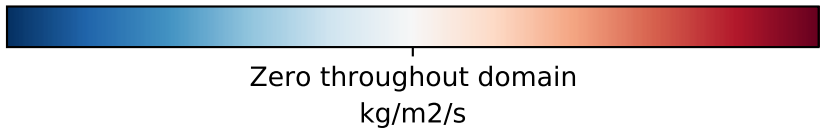
GCC_13.0.0 (Dev)
4.0x5.0



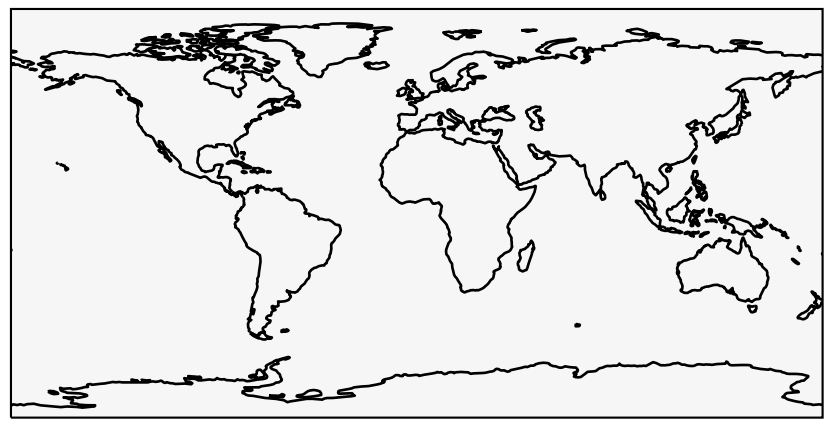


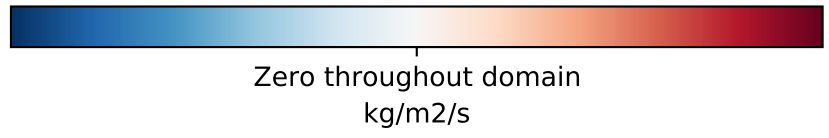
Difference
Dev - Ref, Dynamic Range



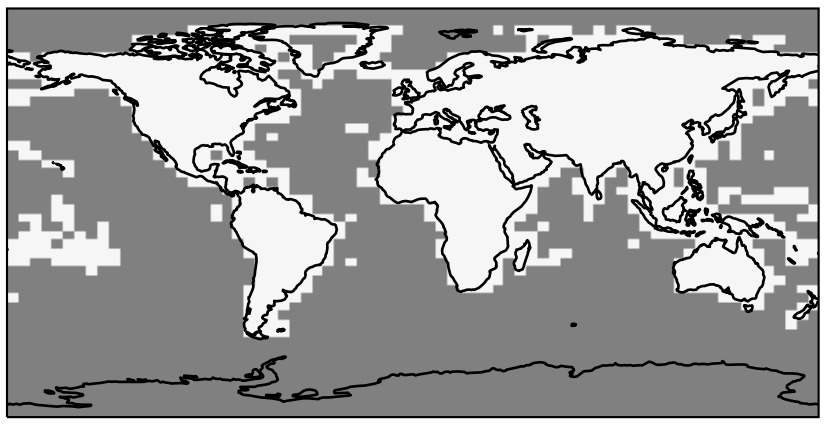


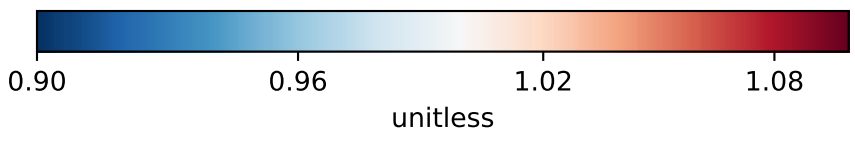
Difference
Dev - Ref, Restricted Range [5%,95%]



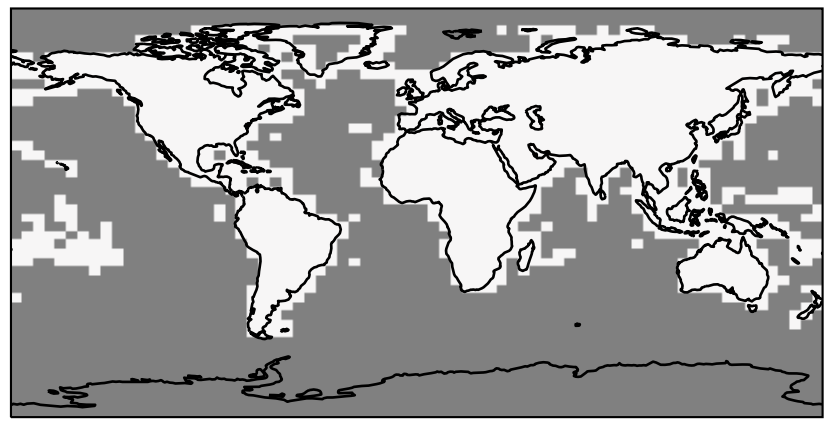


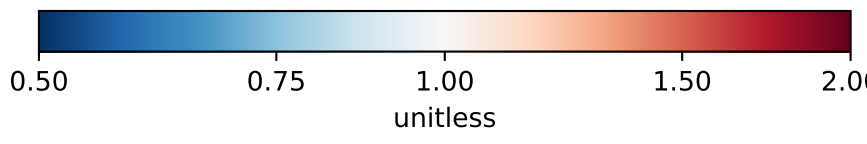
Ratio
Dev/Ref, Dynamic Range





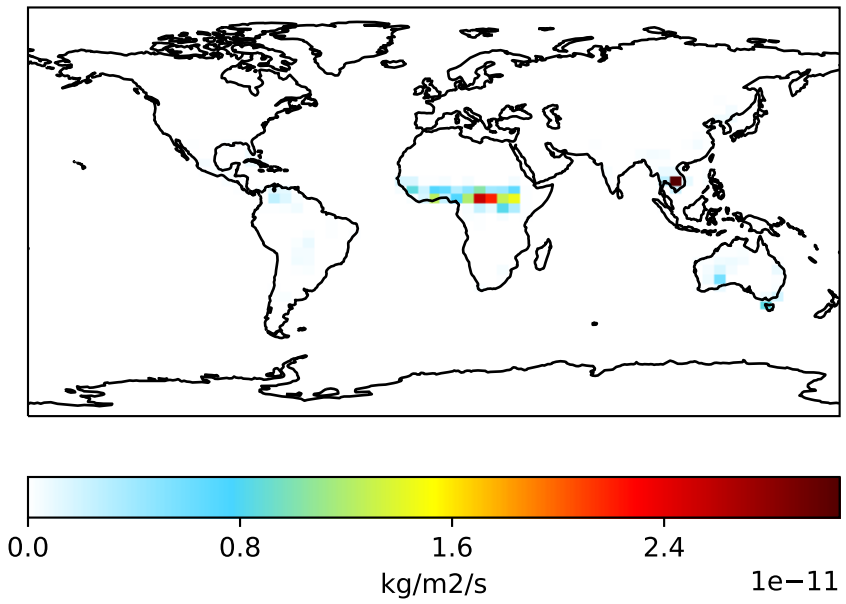
Ratio
Dev/Ref, Fixed Range



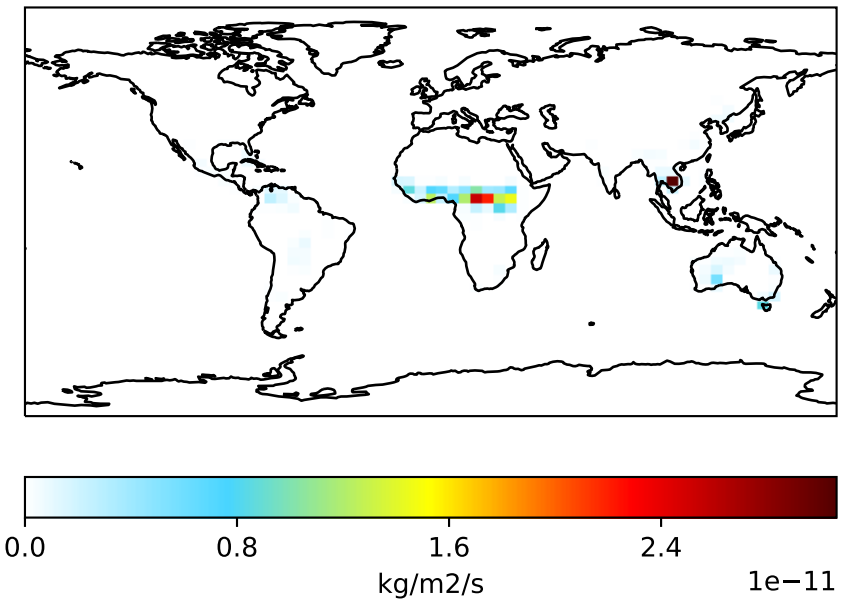


EmisNH3_BioBurn (Jan2019)

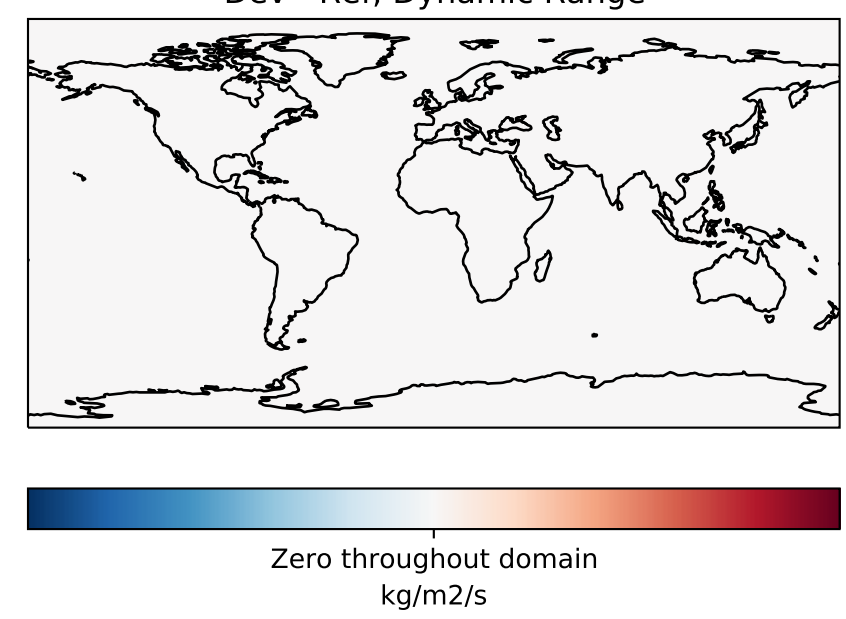
GCC_13.0.0-beta.1 (Ref)
4.0x5.0



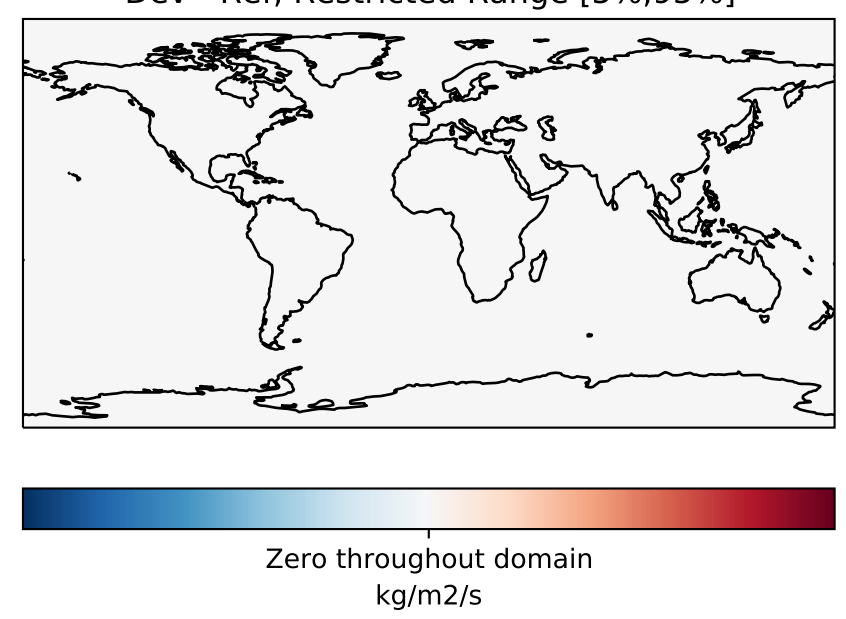
GCC_13.0.0 (Dev)
4.0x5.0



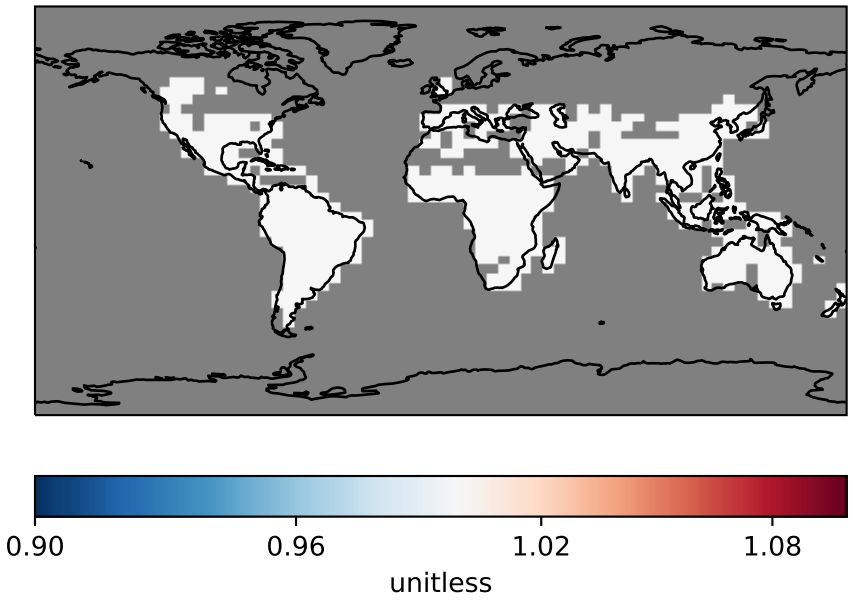
Difference
Dev - Ref, Dynamic Range



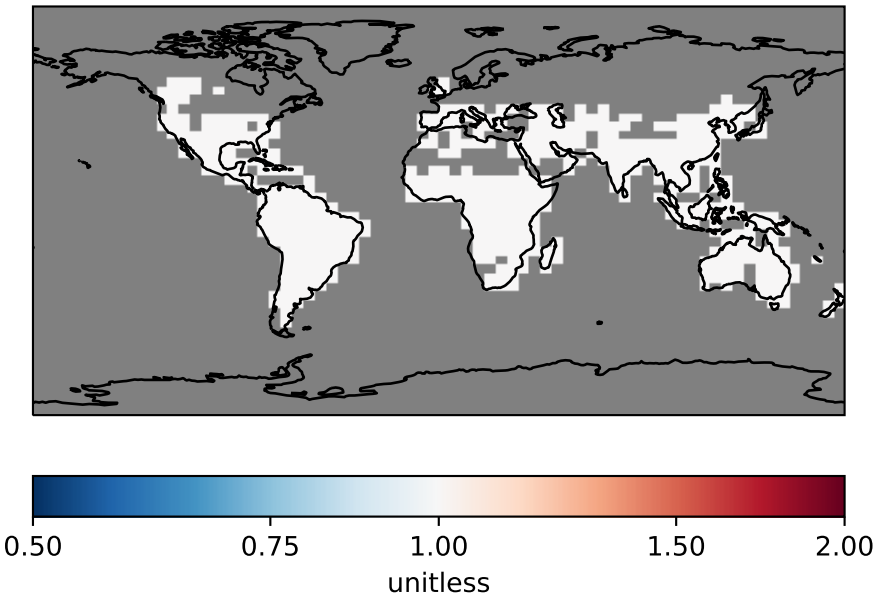
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

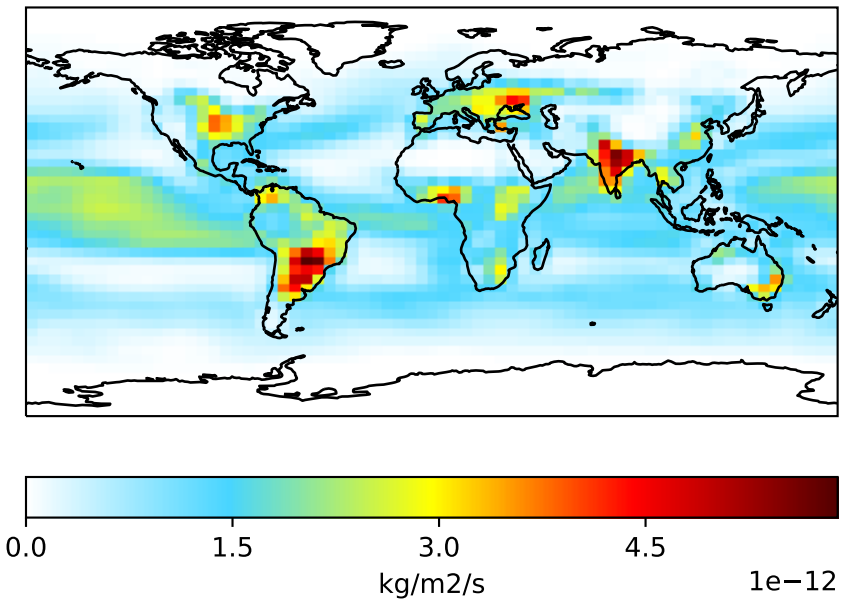


Ratio
Dev/Ref, Fixed Range

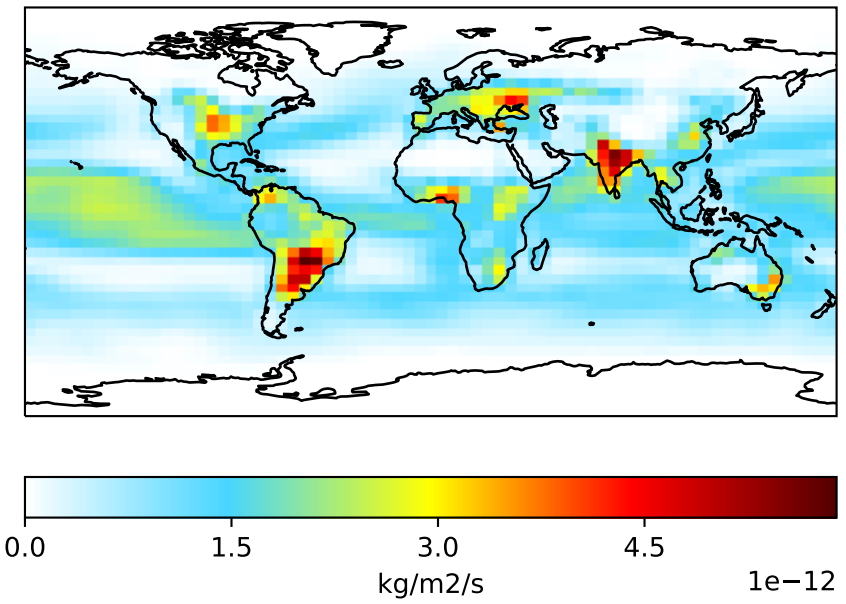


EmisNH3_Natural (Jan2019)

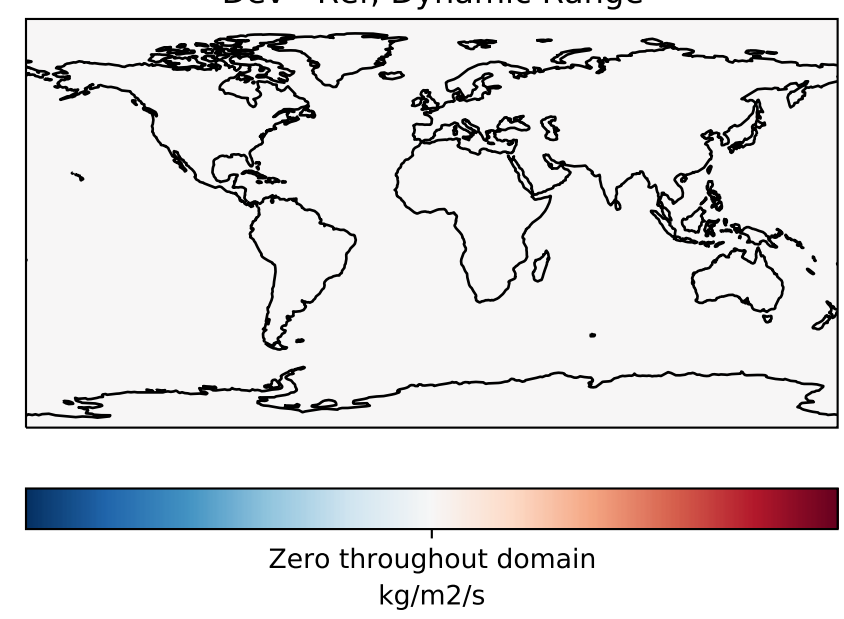
GCC_13.0.0-beta.1 (Ref)
4.0x5.0



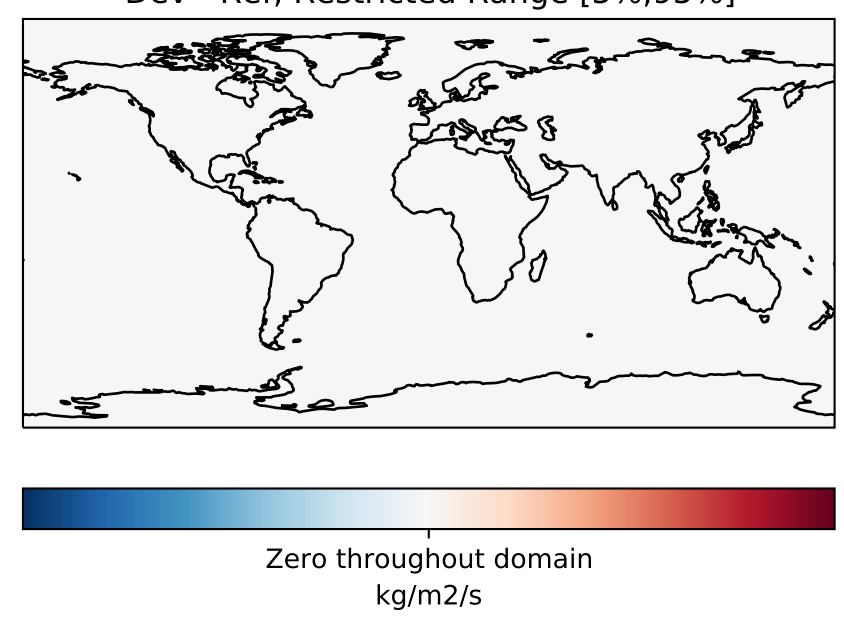
GCC_13.0.0 (Dev)
4.0x5.0



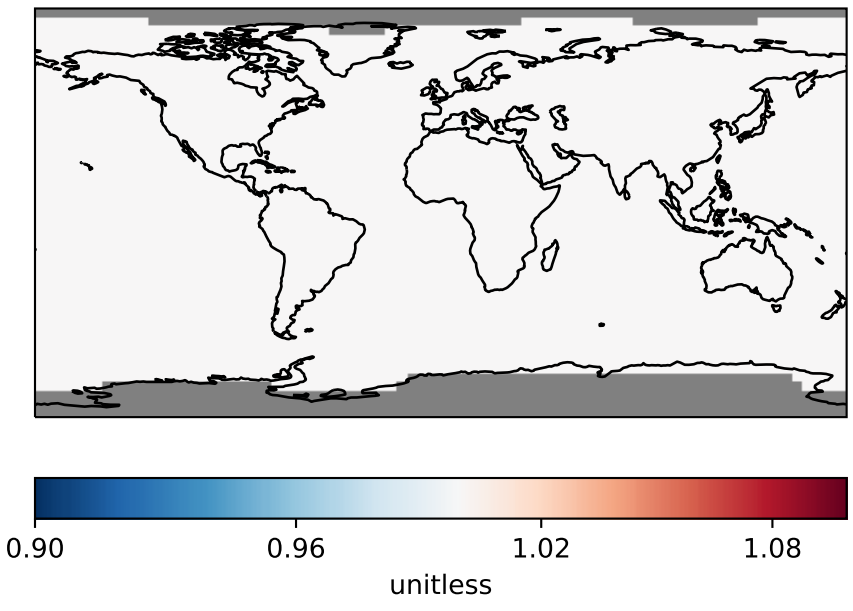
Difference
Dev - Ref, Dynamic Range



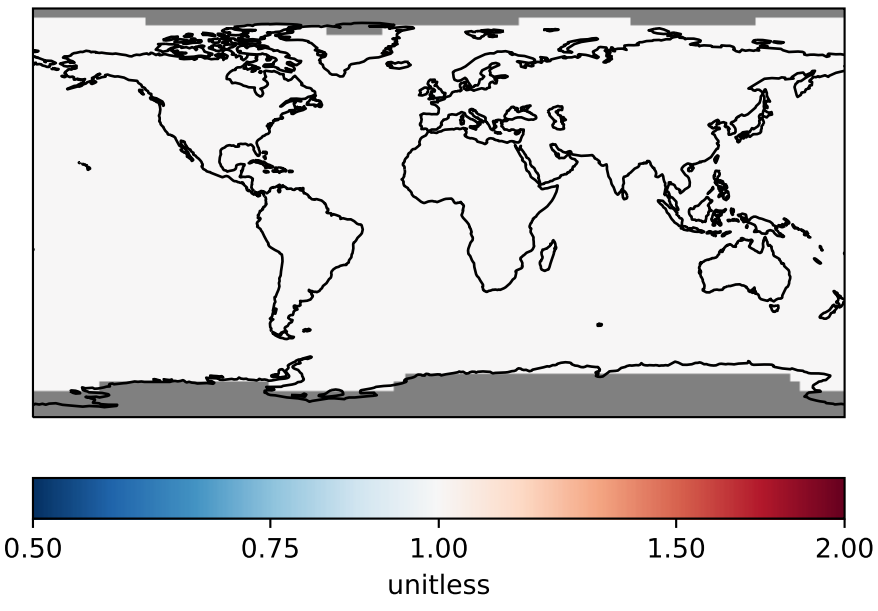
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

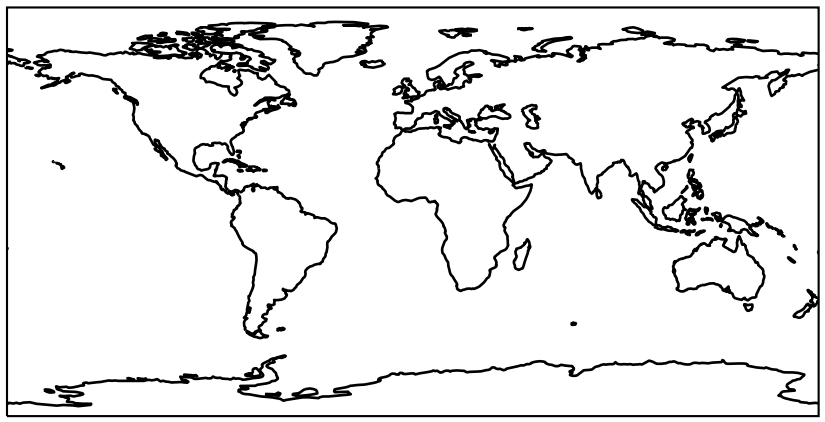


Ratio
Dev/Ref, Fixed Range



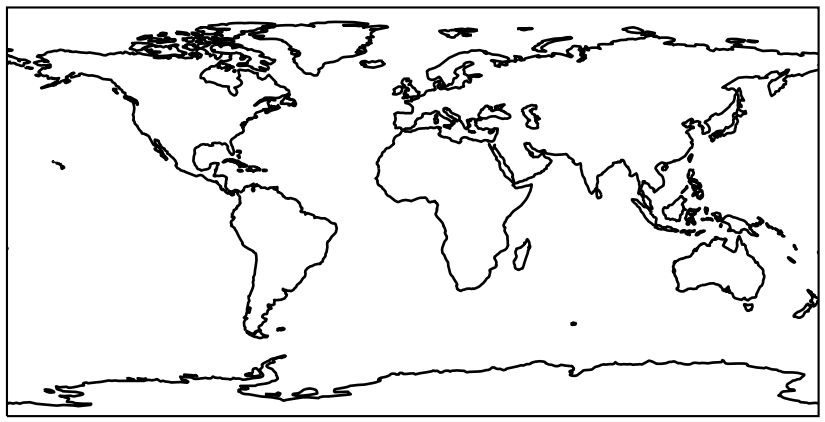
EmisNH3_Seabirds (Jan2019)

GCC_13.0.0-beta.1 (Ref)
4.0x5.0



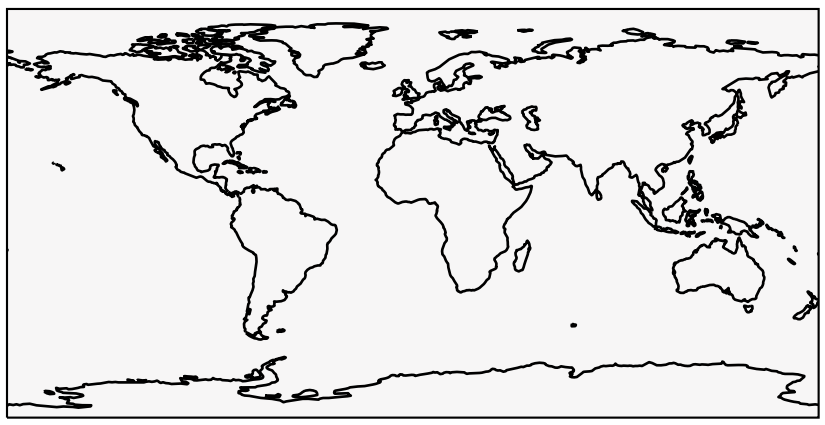
Zero throughout domain
kg/m2/s

GCC_13.0.0 (Dev)
4.0x5.0



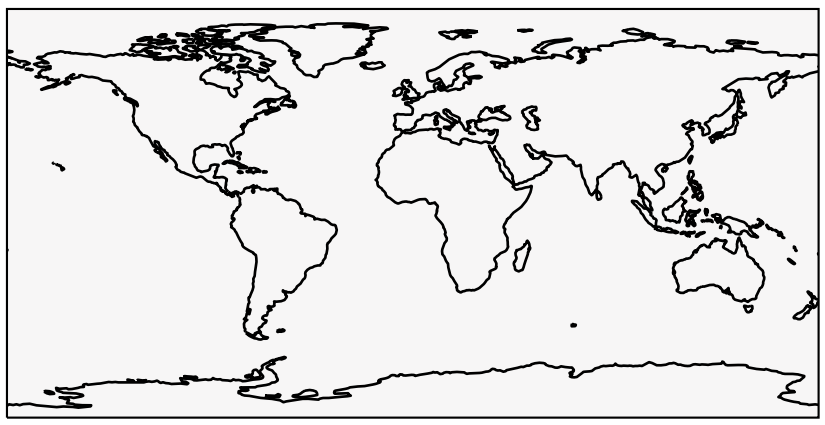
Zero throughout domain
kg/m2/s

Difference
Dev - Ref, Dynamic Range



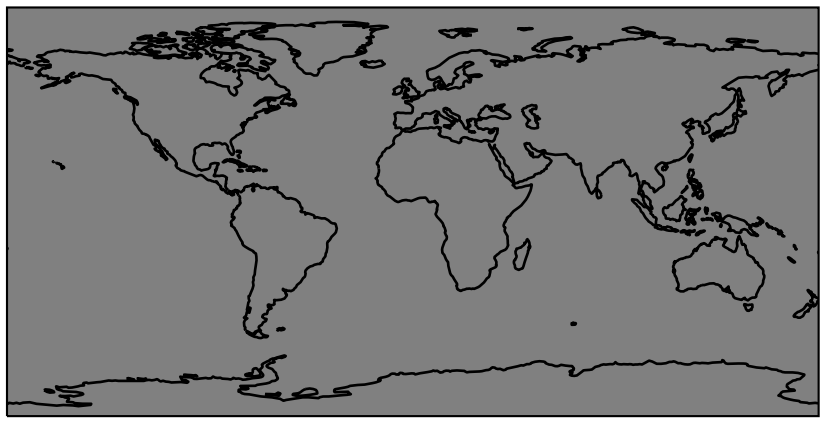
Zero throughout domain
kg/m2/s

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



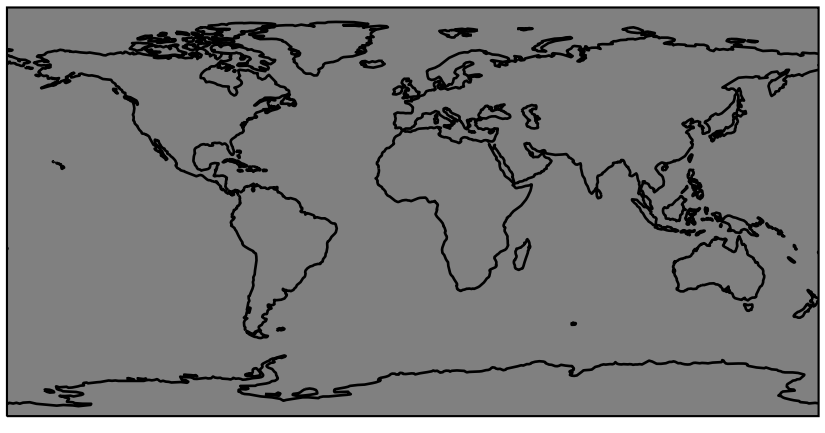
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

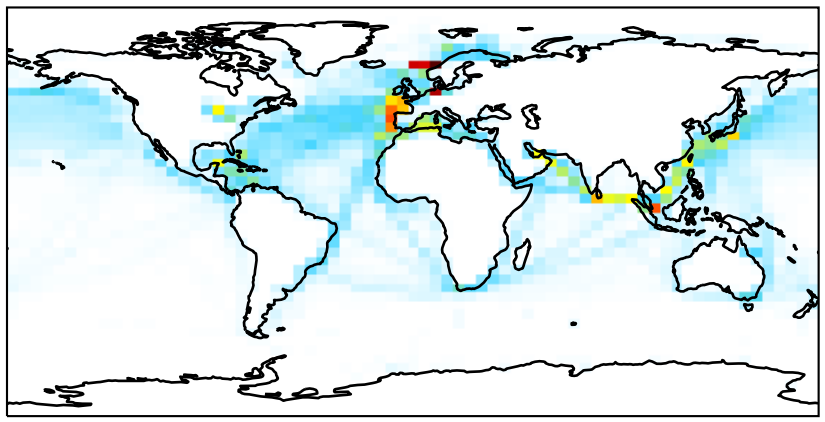
Ratio
Dev/Ref, Fixed Range

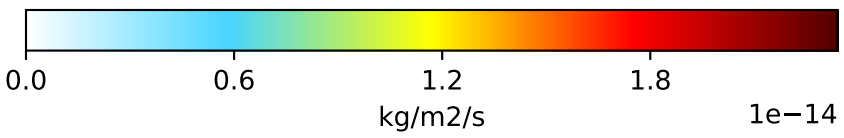


Undefined throughout domain
unitless

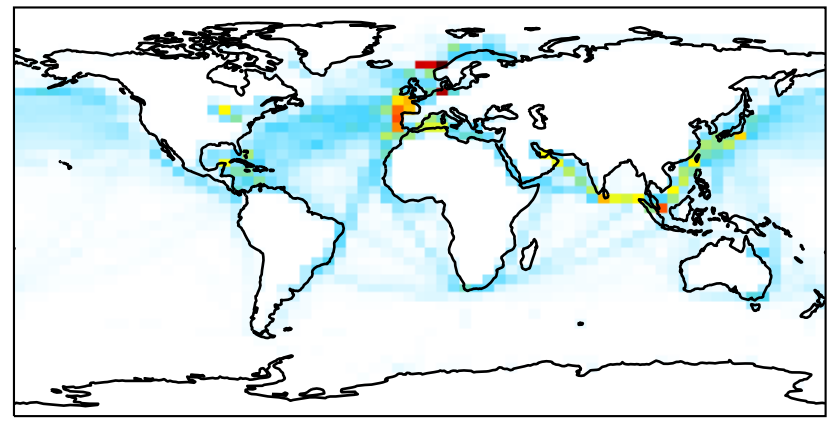
EmisNH3_Ship (Jan2019)

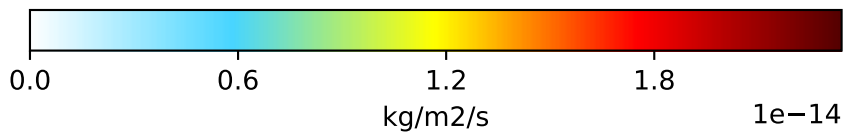
GCC_13.0.0-beta.1 (Ref)
4.0x5.0



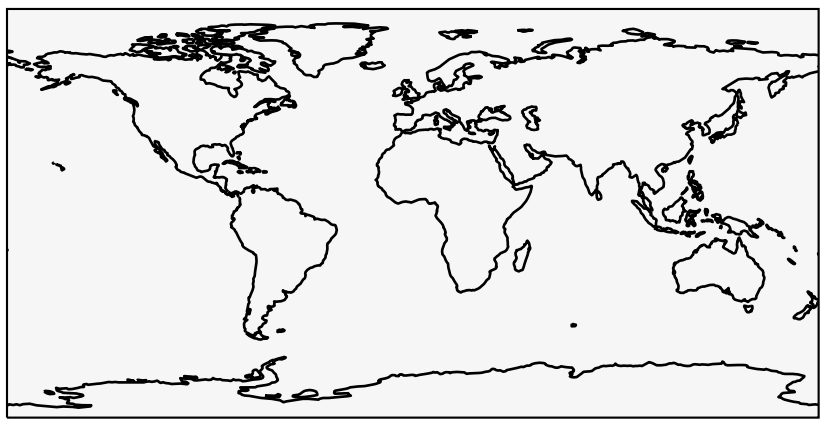


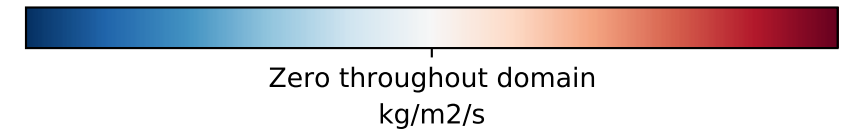
GCC_13.0.0 (Dev)
4.0x5.0



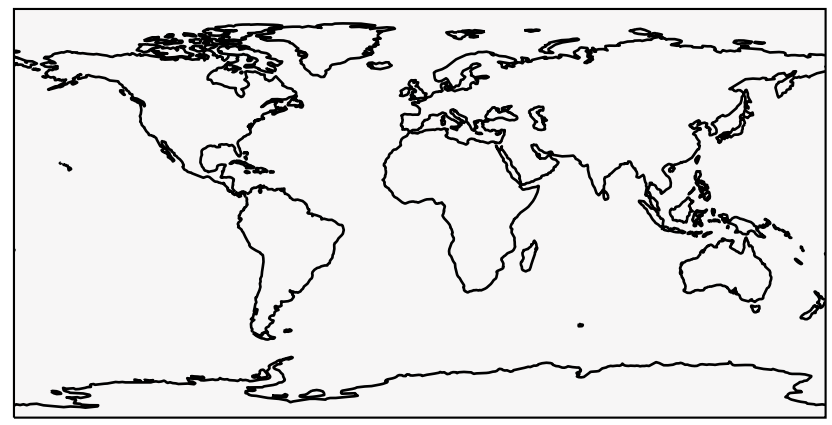


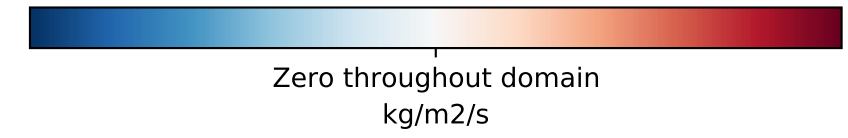
Difference
Dev - Ref, Dynamic Range



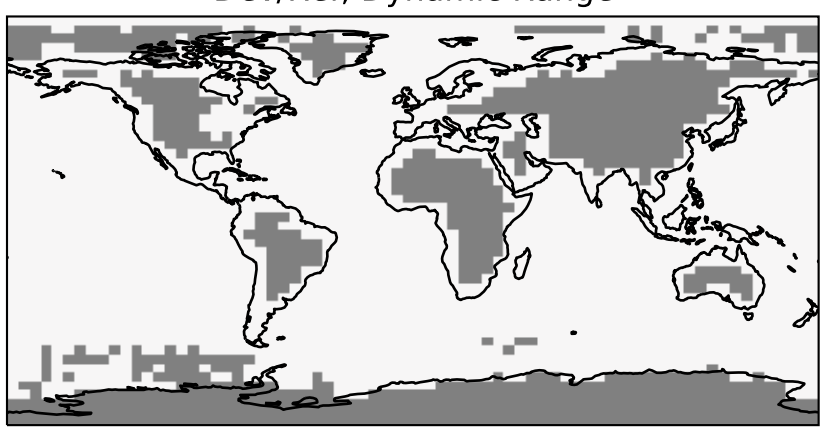


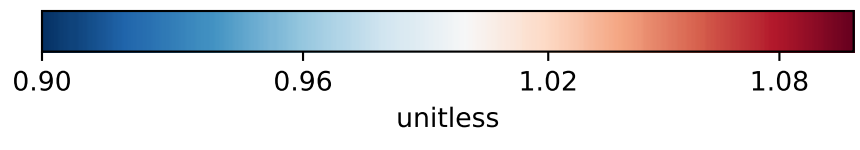
Difference
Dev - Ref, Restricted Range [5%,95%]



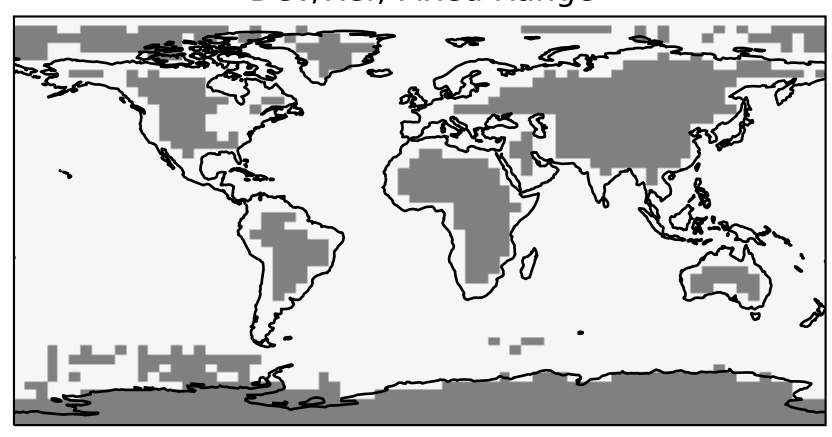


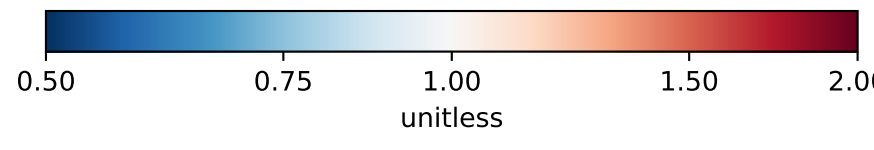
Ratio
Dev/Ref, Dynamic Range





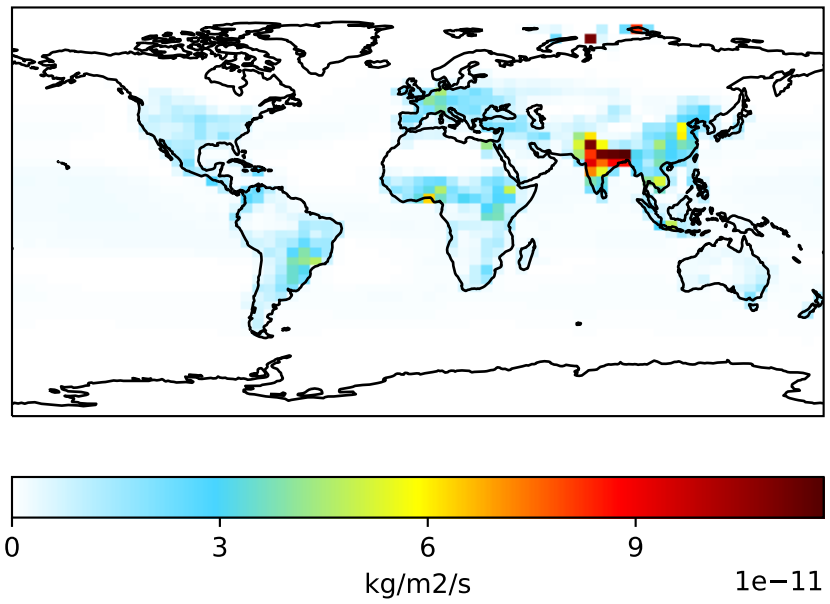
Ratio
Dev/Ref, Fixed Range



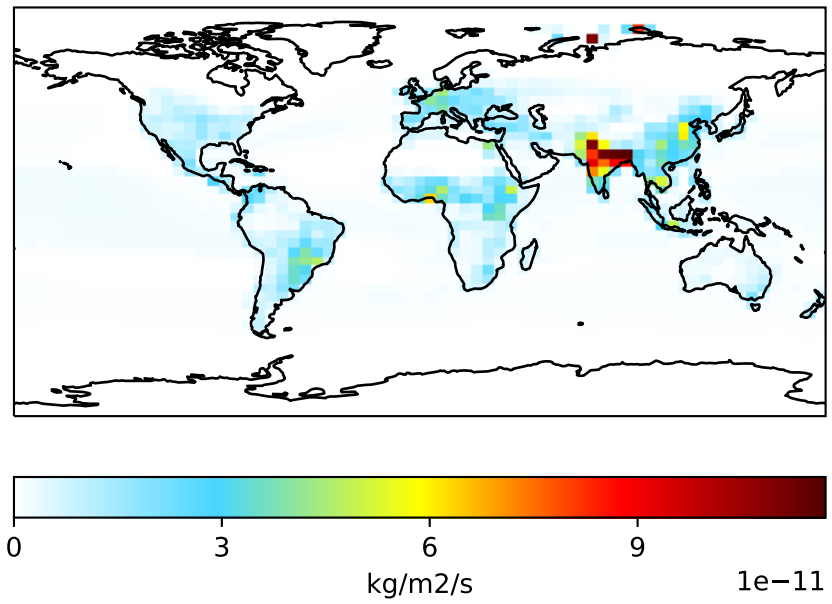


EmisNH3_Total (Jan2019)

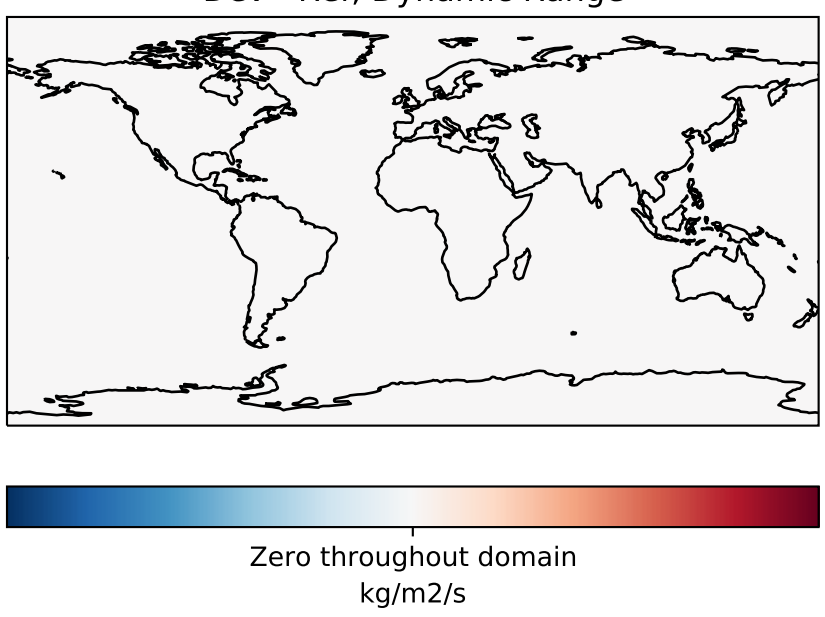
GCC_13.0.0-beta.1 (Ref)
4.0x5.0



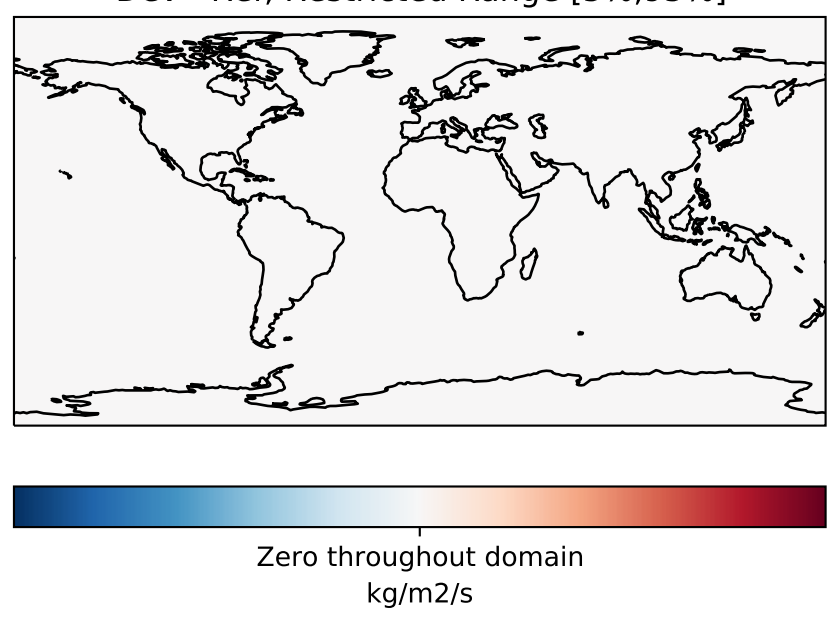
GCC_13.0.0 (Dev)
4.0x5.0



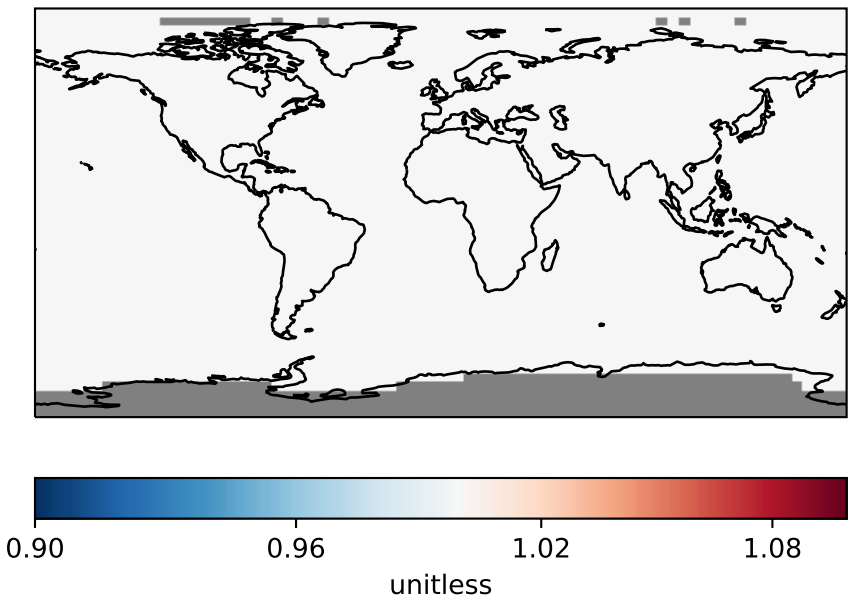
Difference
Dev - Ref, Dynamic Range



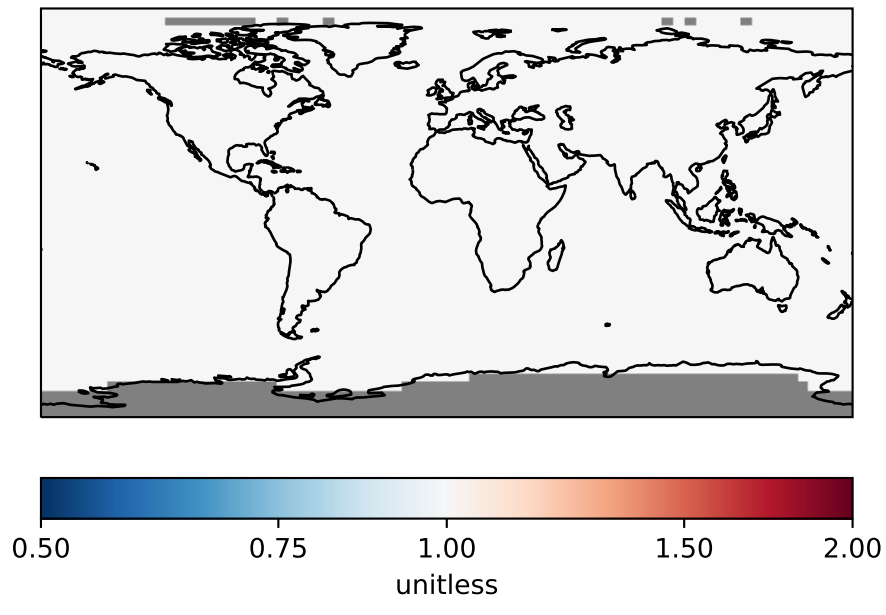
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

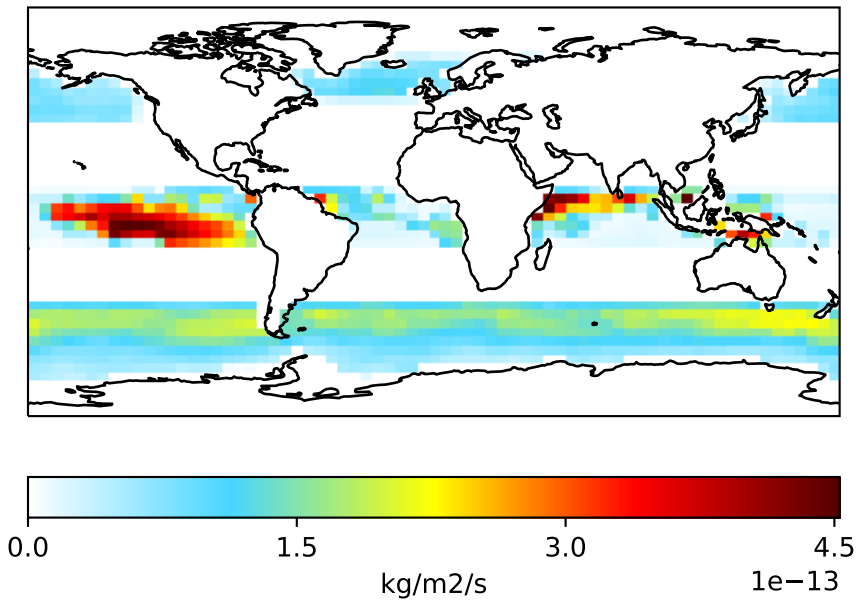


Ratio
Dev/Ref, Fixed Range

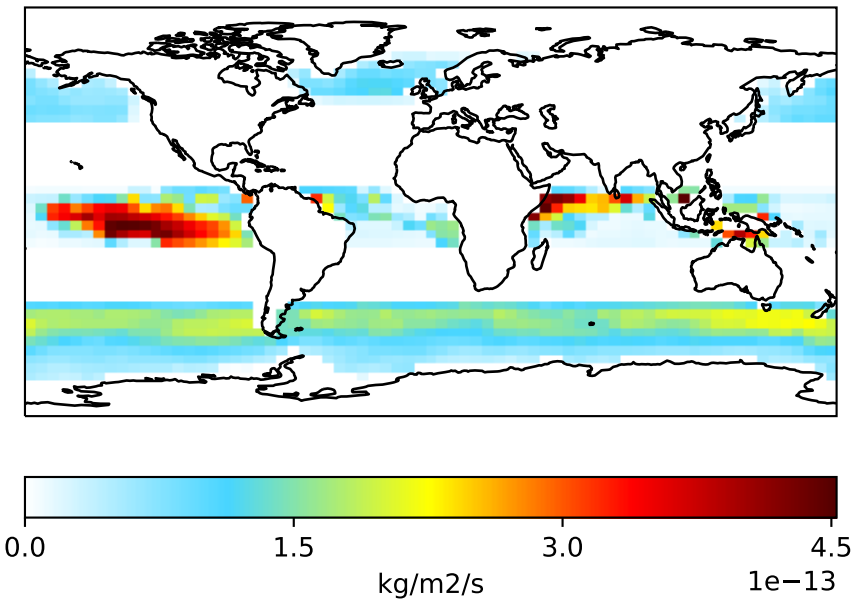


EmisMENO3_Ocean (Jan2019)

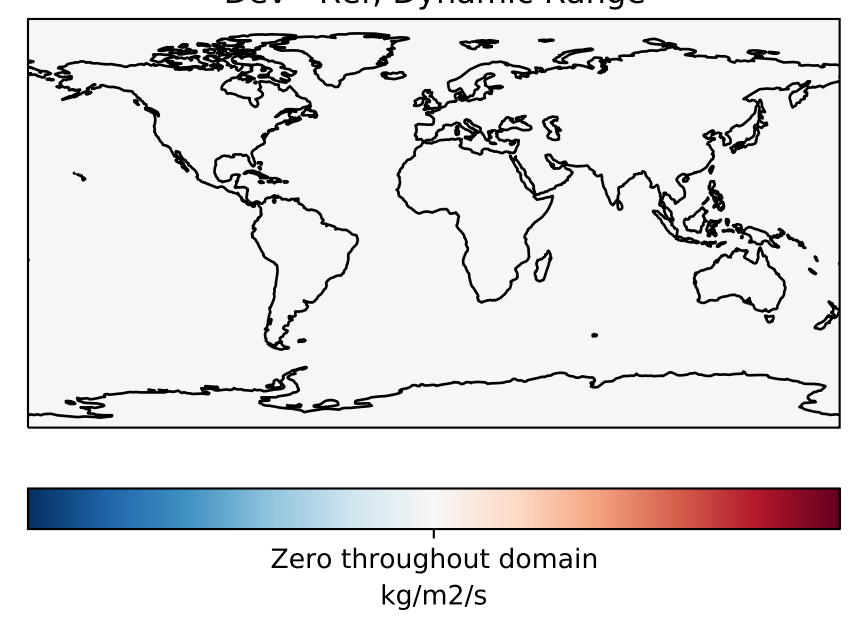
GCC_13.0.0-beta.1 (Ref)
4.0x5.0



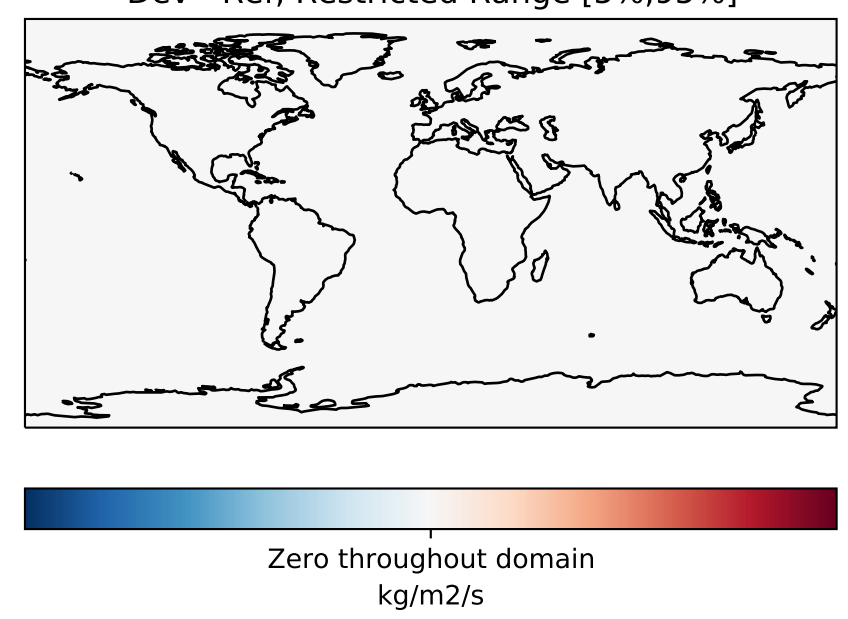
GCC_13.0.0 (Dev)
4.0x5.0



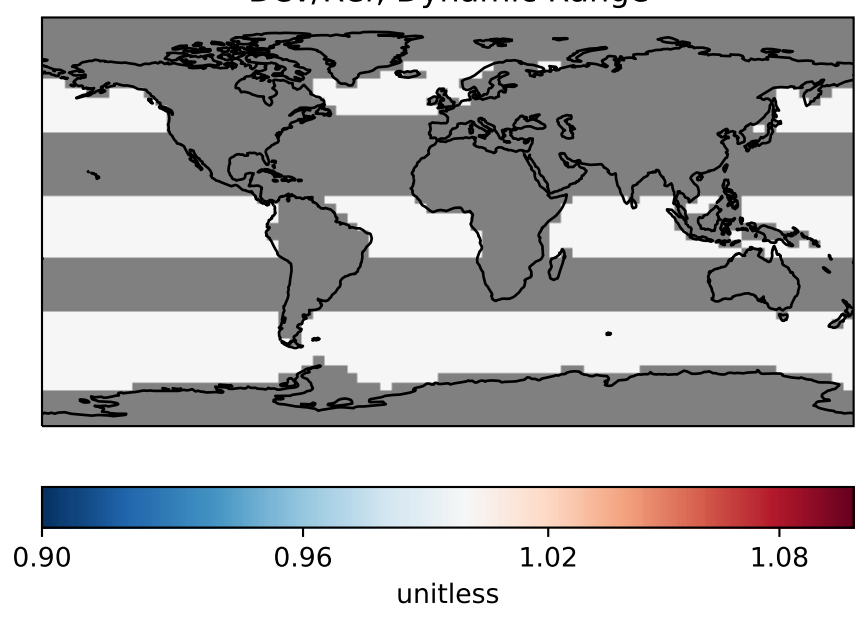
Difference
Dev - Ref, Dynamic Range



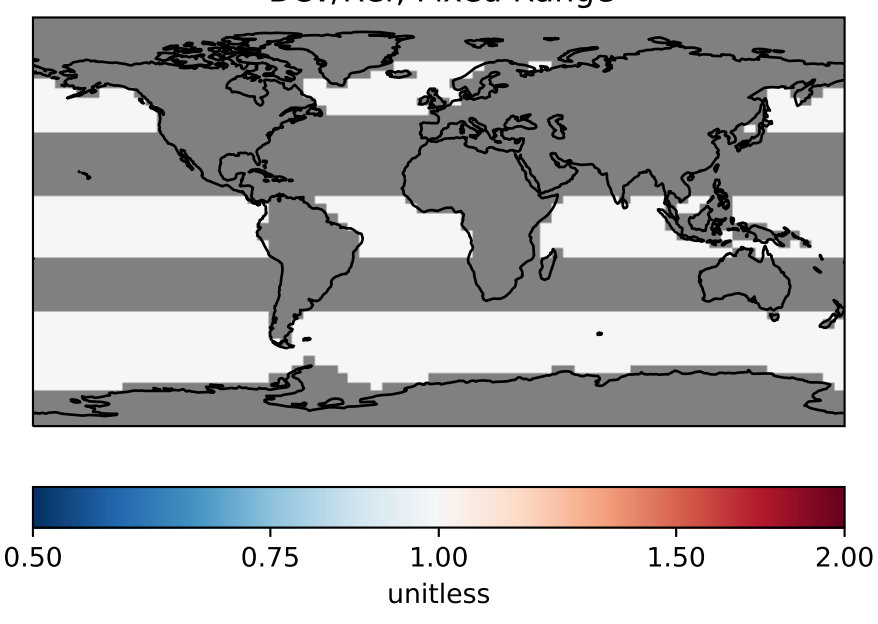
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

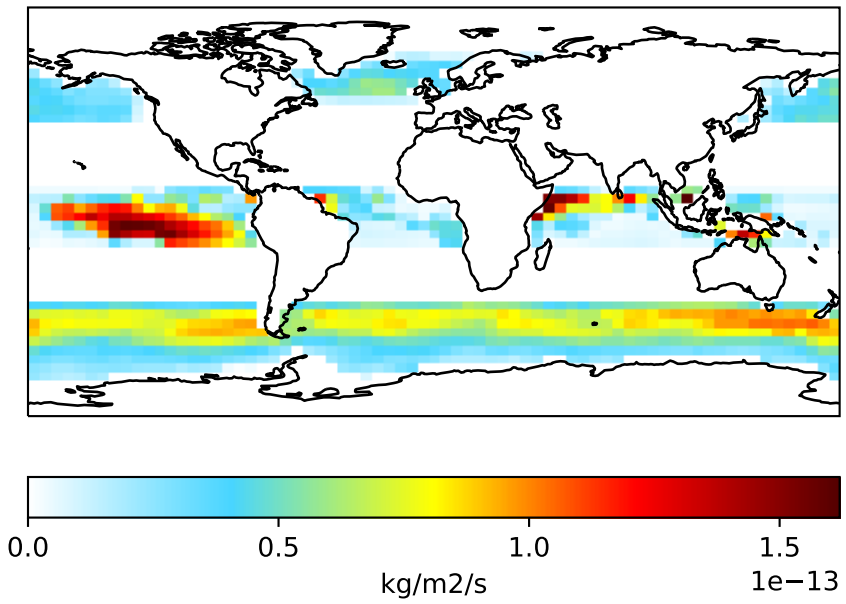


Ratio
Dev/Ref, Fixed Range

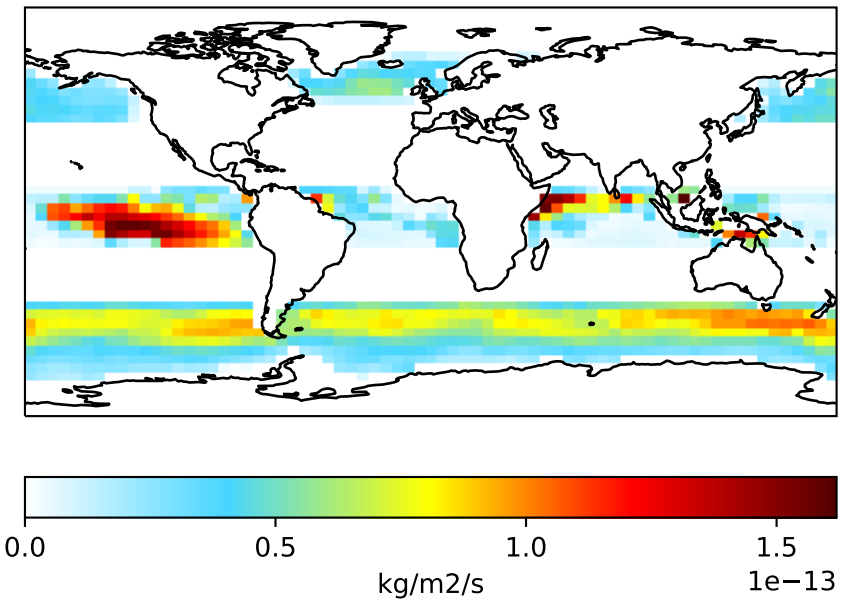


EmisETNO3_Ocean (Jan2019)

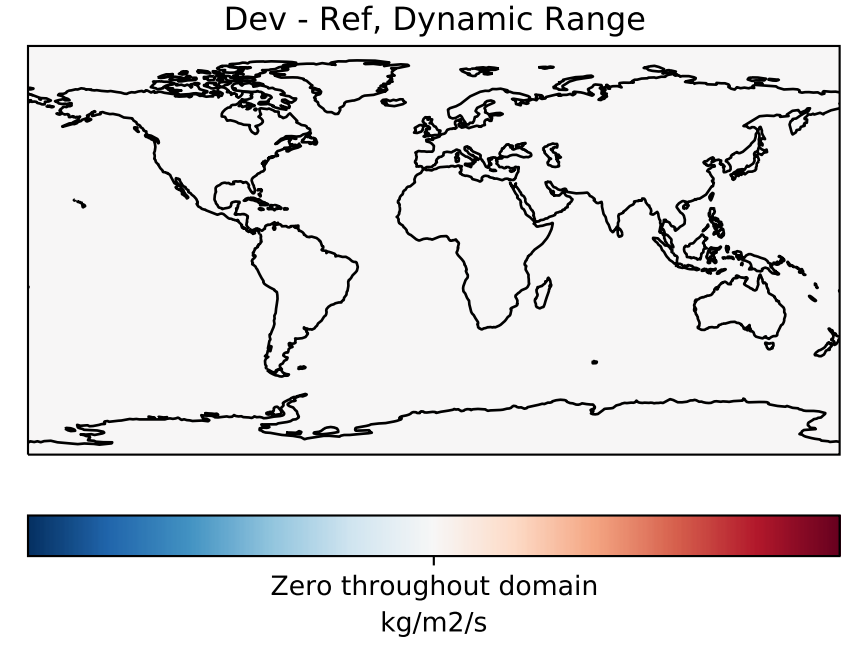
GCC_13.0.0-beta.1 (Ref)
4.0x5.0



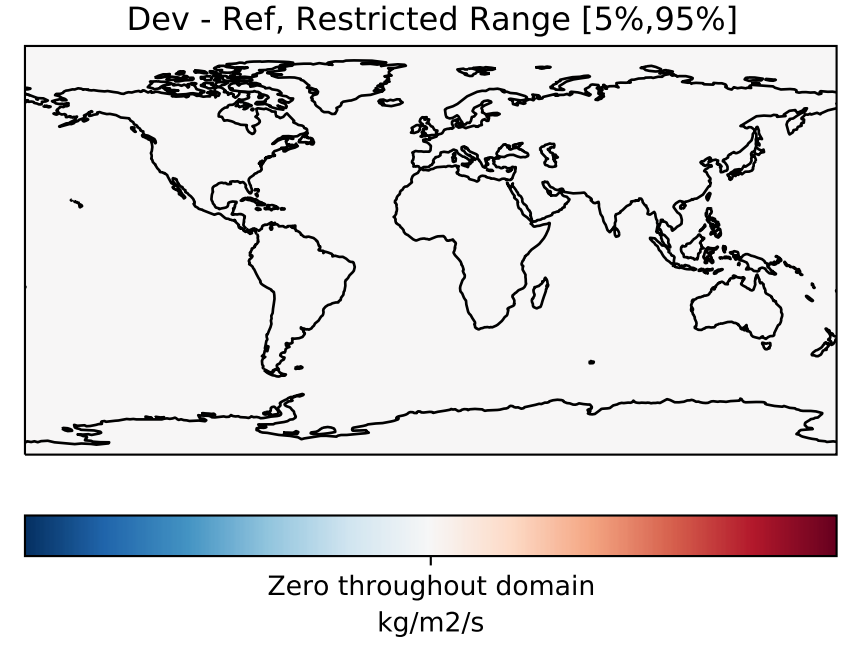
GCC_13.0.0 (Dev)
4.0x5.0



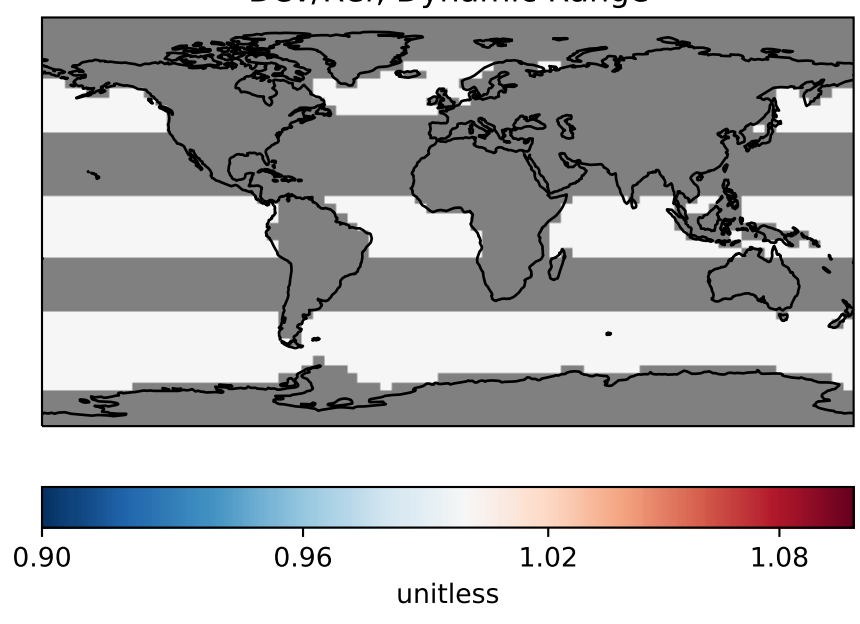
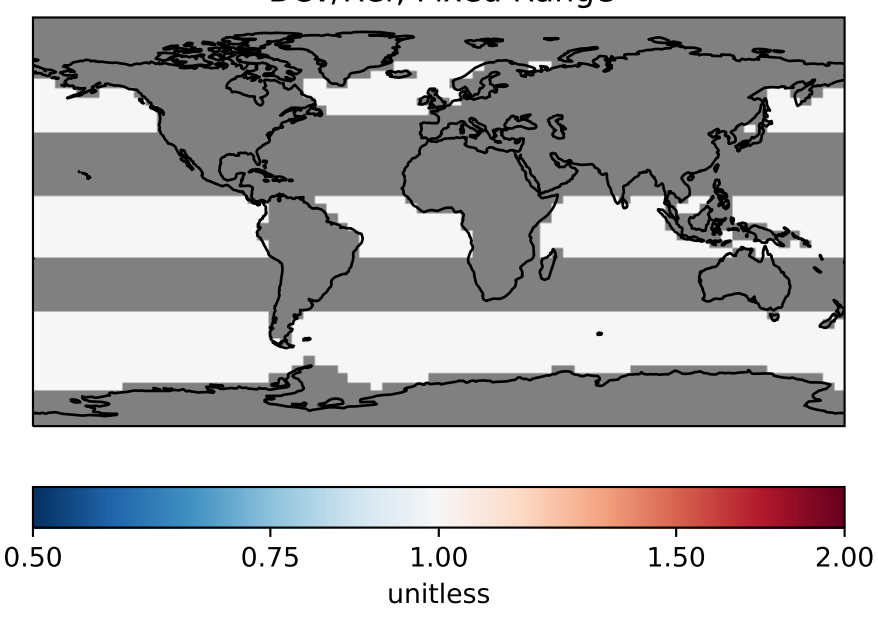
Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range