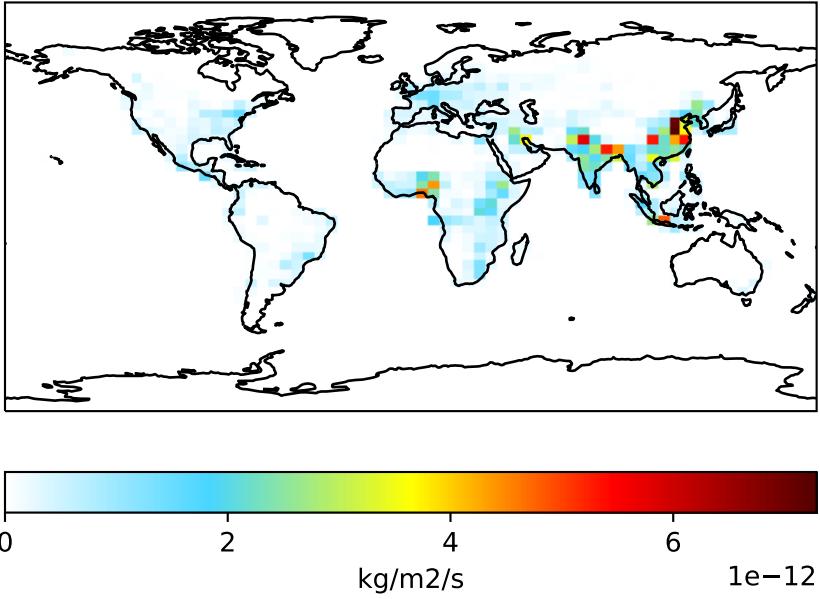
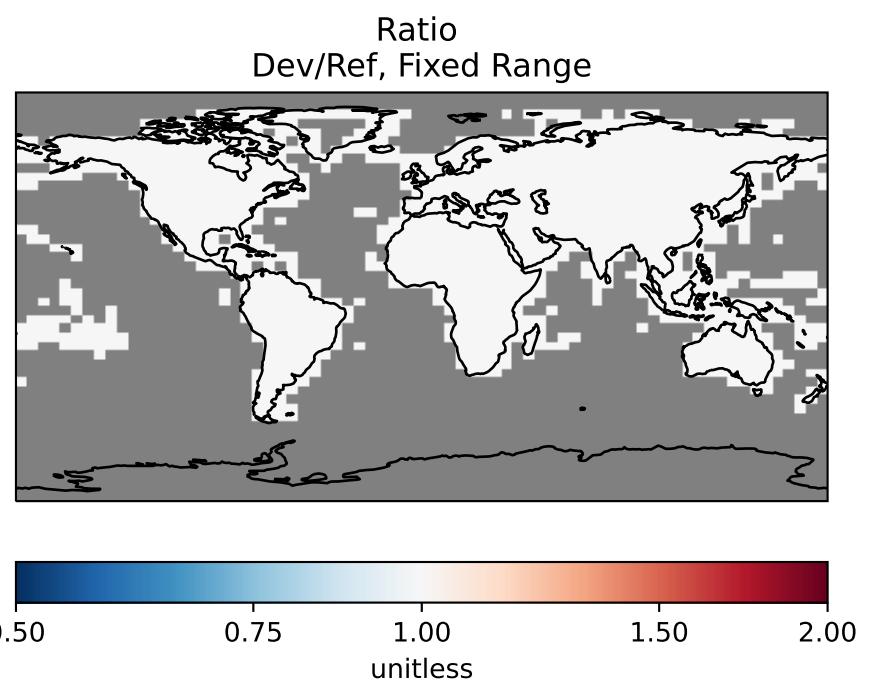
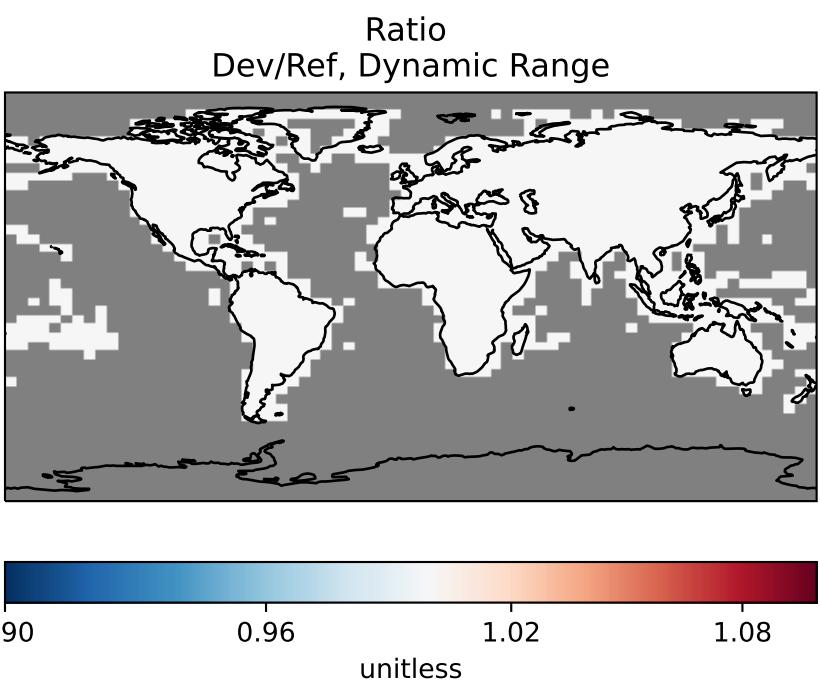
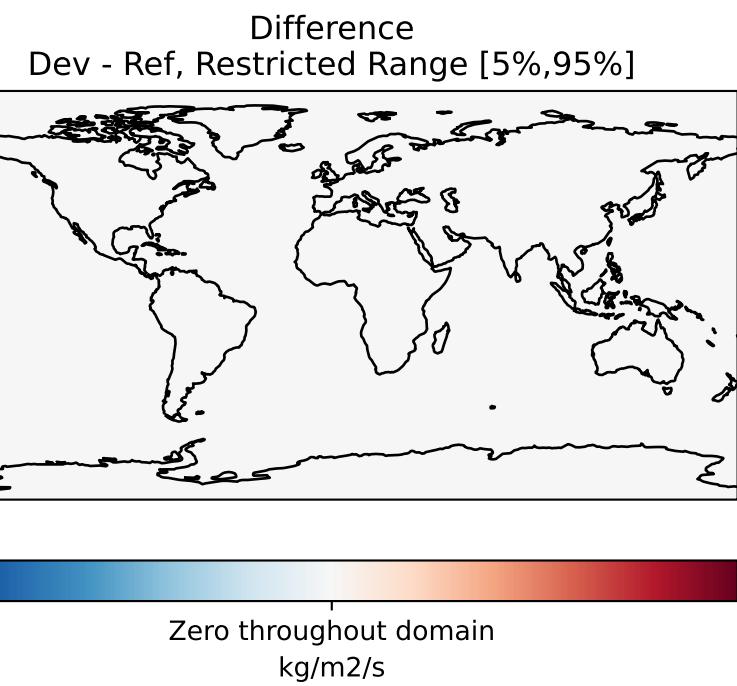
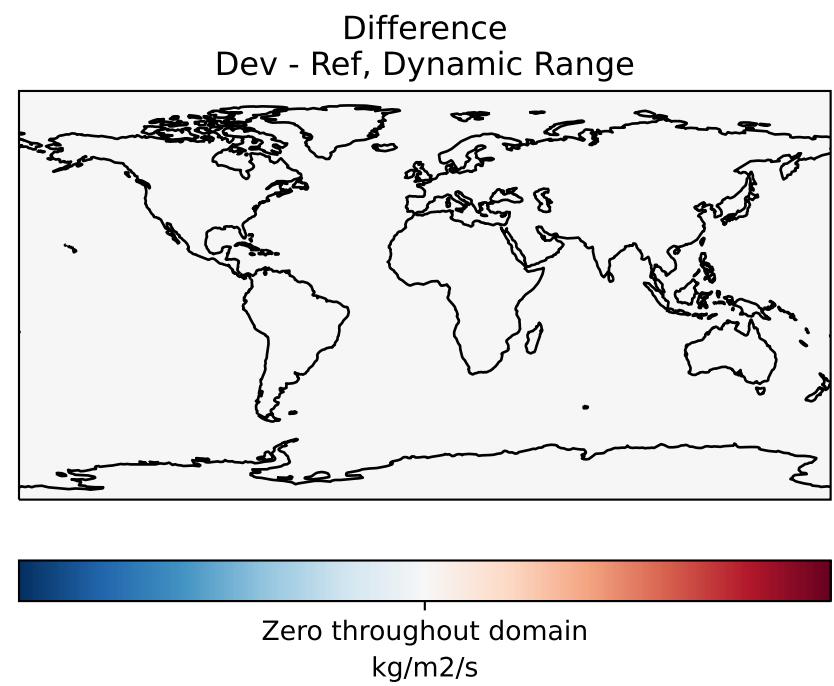
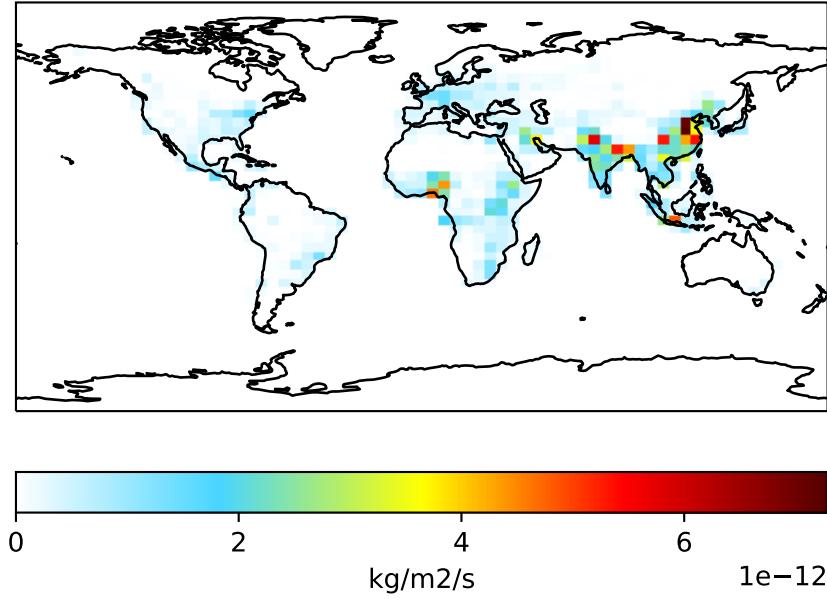


EmisEOH_Anthro

GCC_13.3.0-rc.1 (Ref)
4.0x5.0

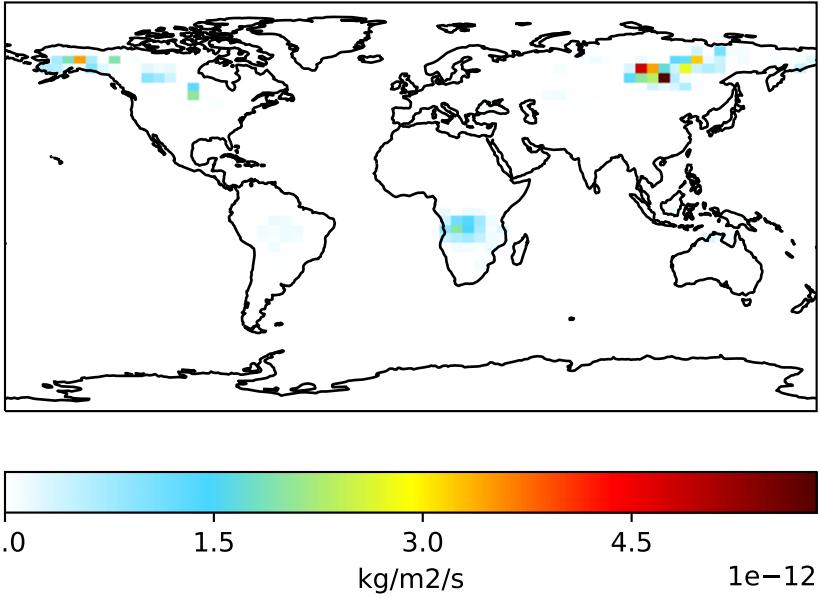


GCC_13.4.0-rc.4 (Dev)
4.0x5.0

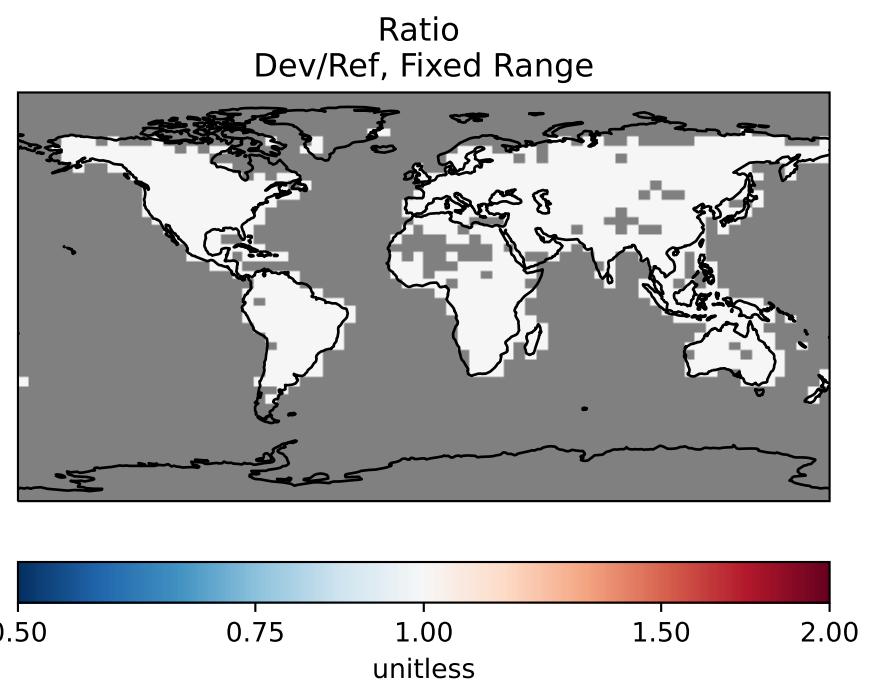
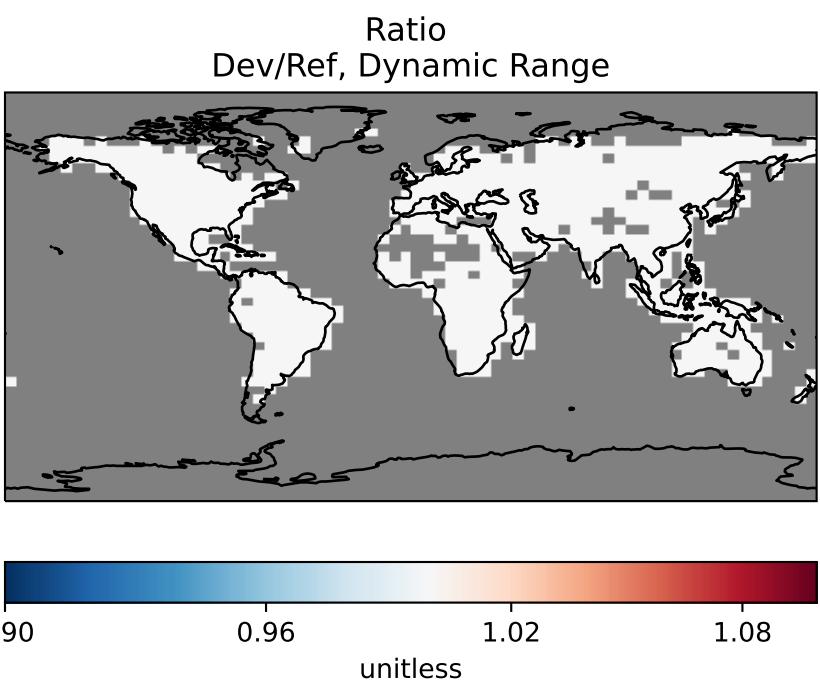
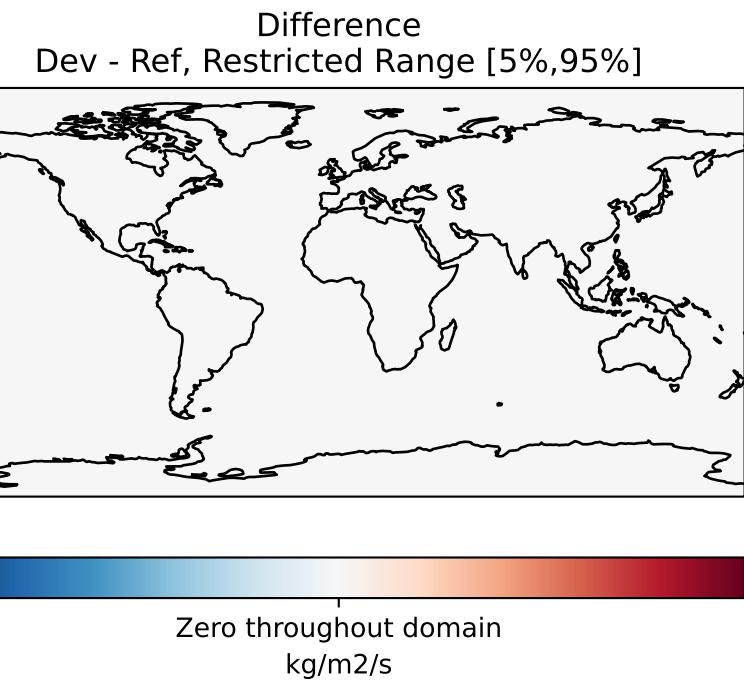
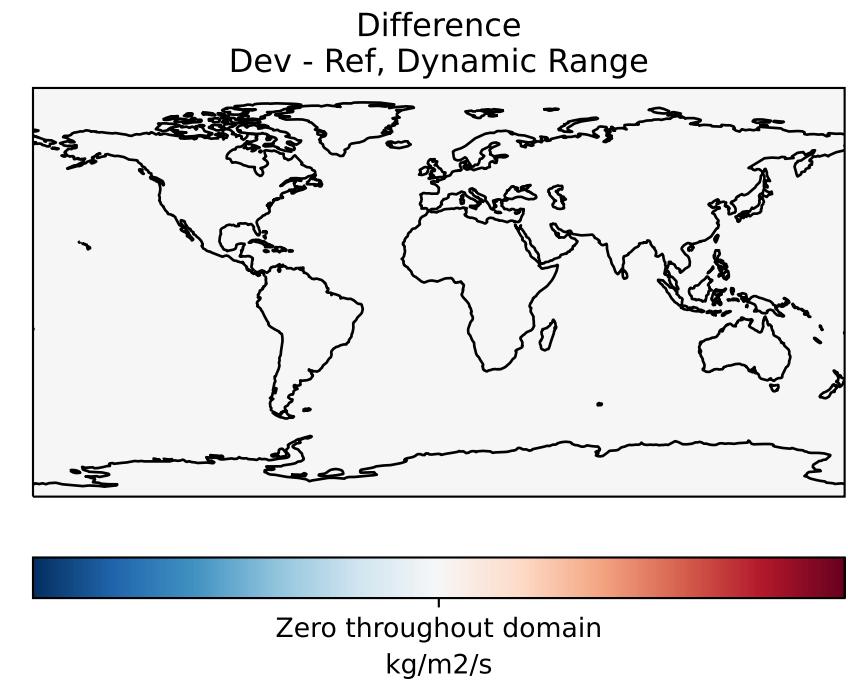
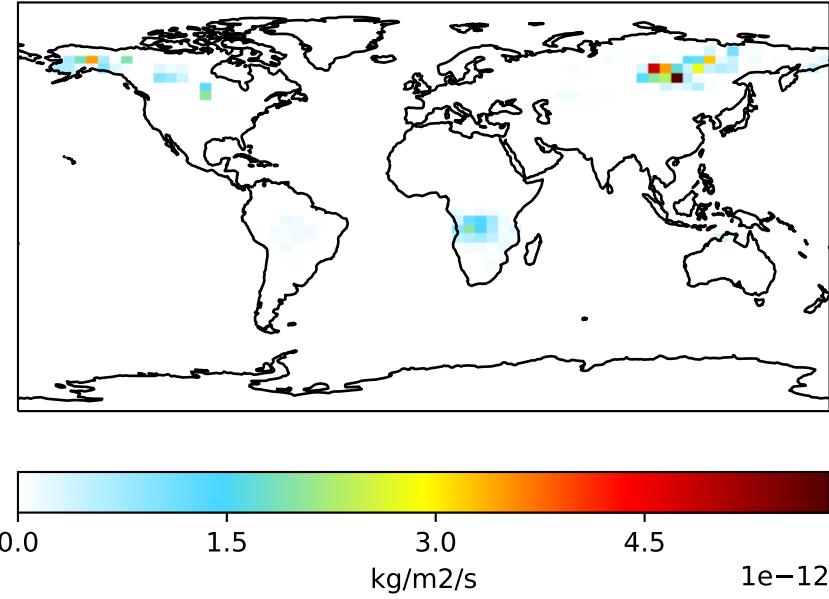


EmisEOH_BioBurn

GCC_13.3.0-rc.1 (Ref)
4.0x5.0

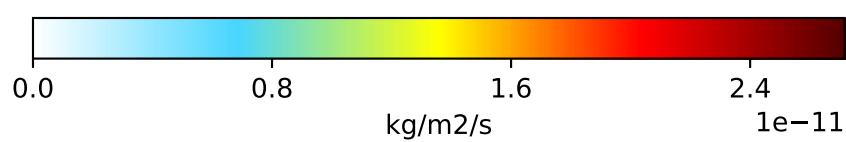
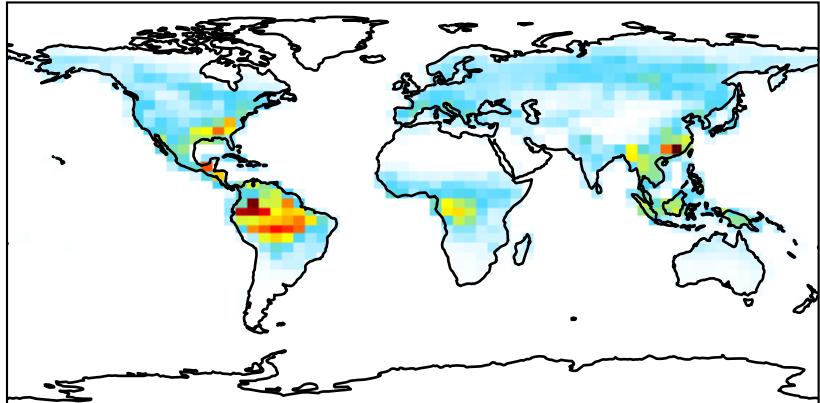


GCC_13.4.0-rc.4 (Dev)
4.0x5.0

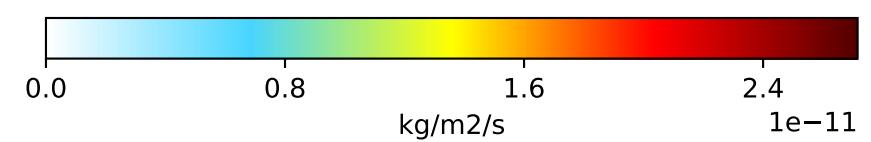
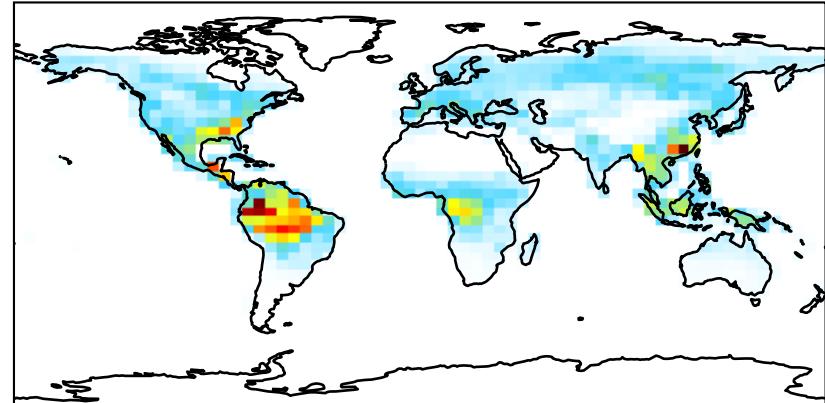


EmisEOH_Biogenic

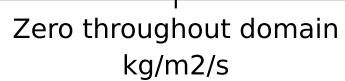
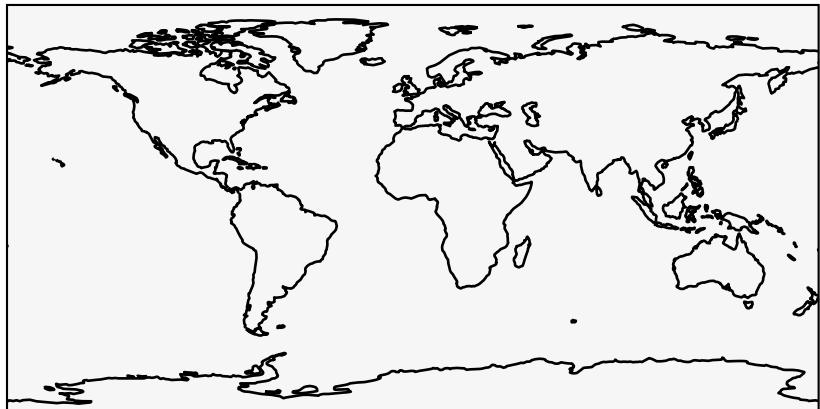
GCC_13.3.0-rc.1 (Ref)
4.0x5.0



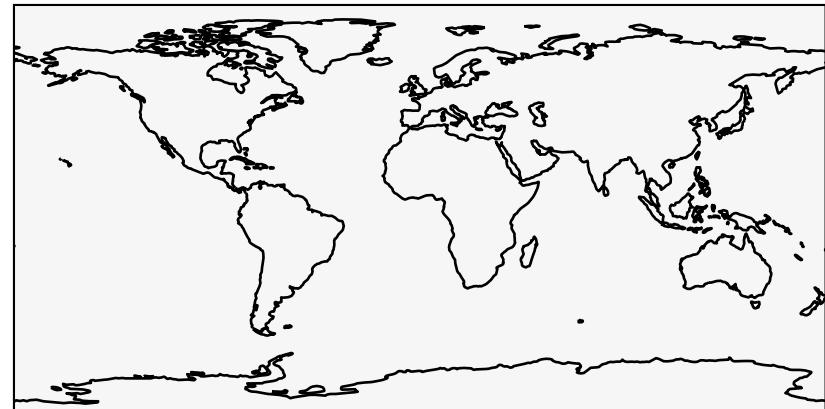
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



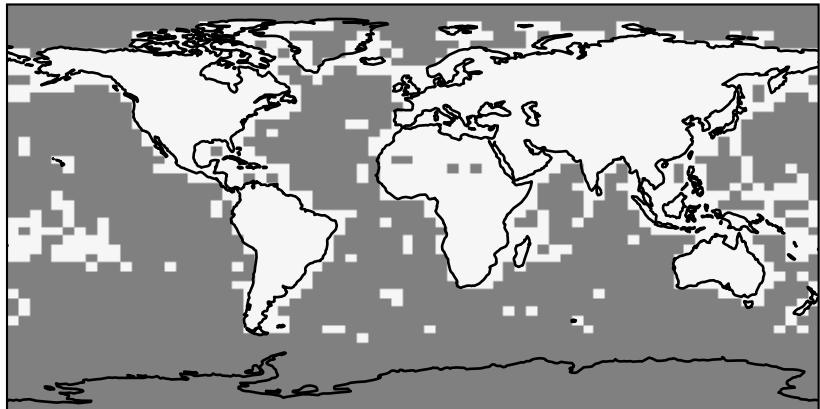
Difference
Dev - Ref, Dynamic Range



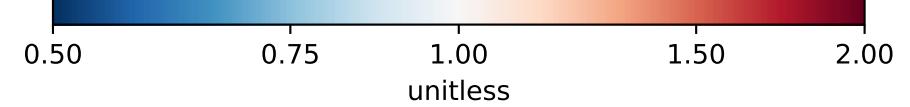
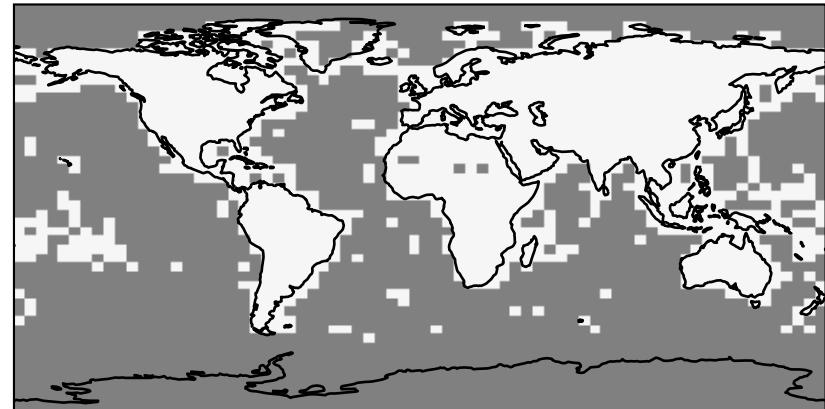
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

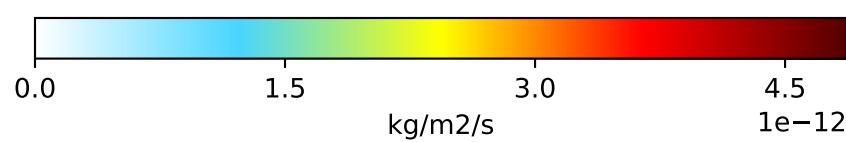
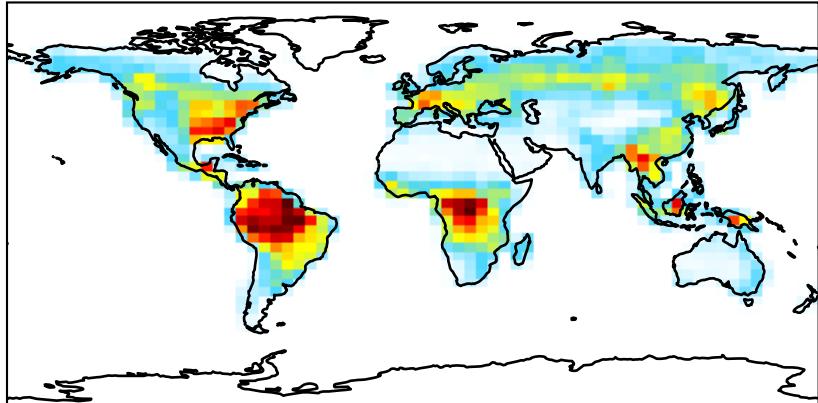


Ratio
Dev/Ref, Fixed Range

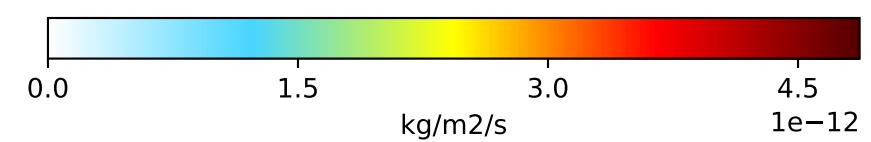
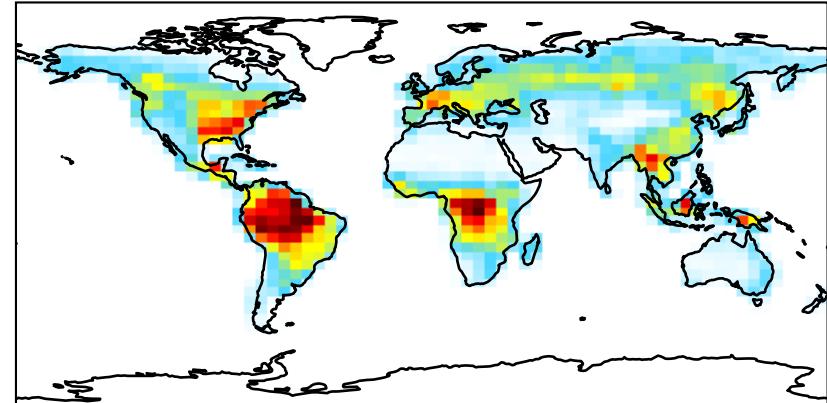


EmisEOH_PlantDecay

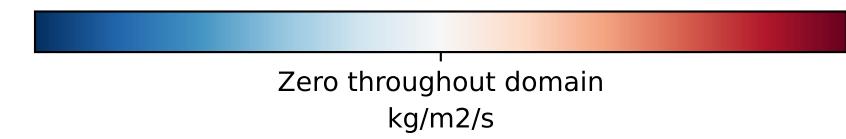
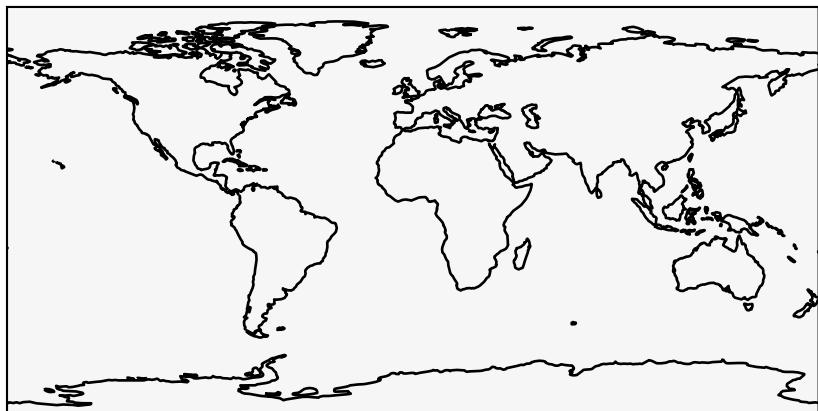
GCC_13.3.0-rc.1 (Ref)
4.0x5.0



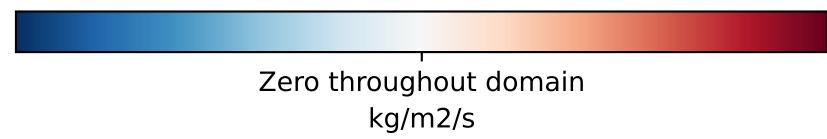
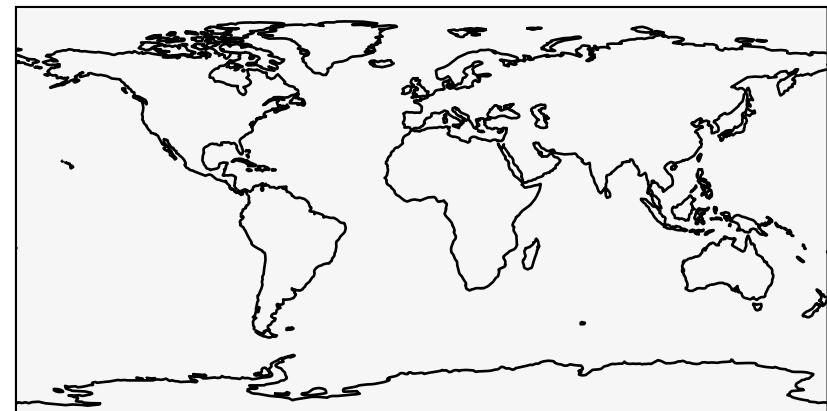
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



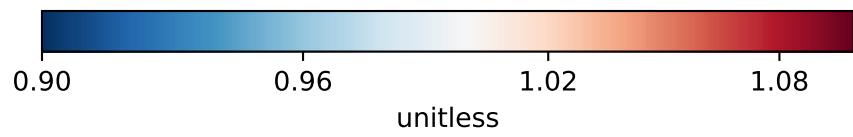
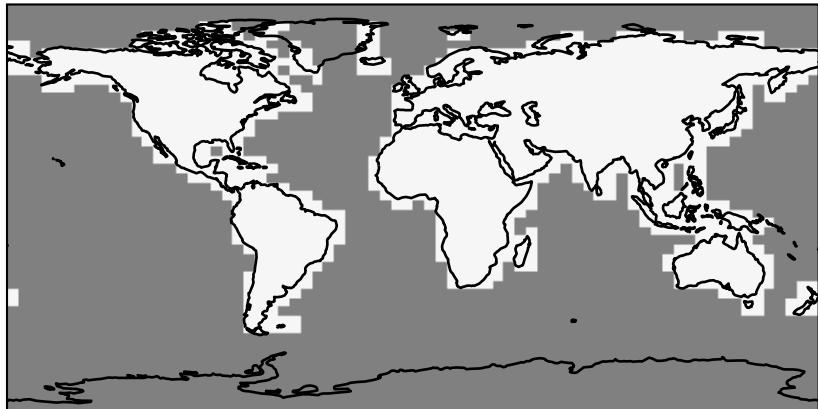
Difference
Dev - Ref, Dynamic Range



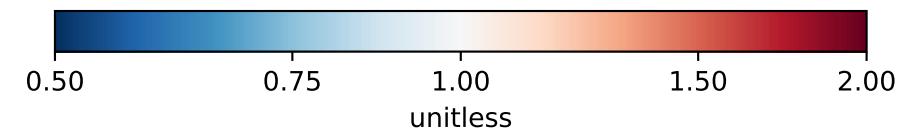
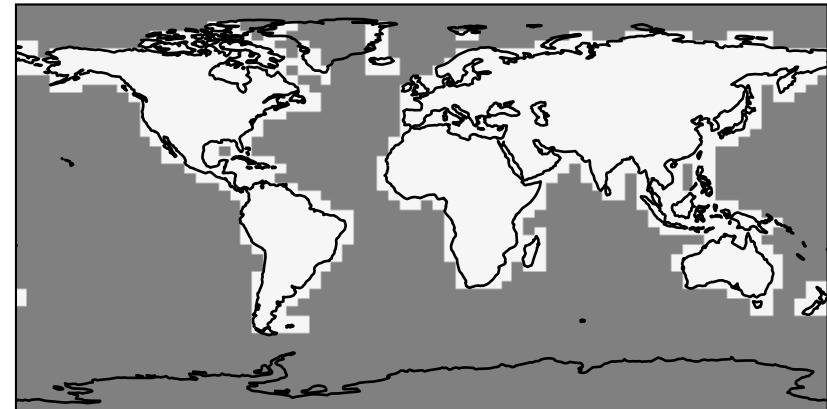
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

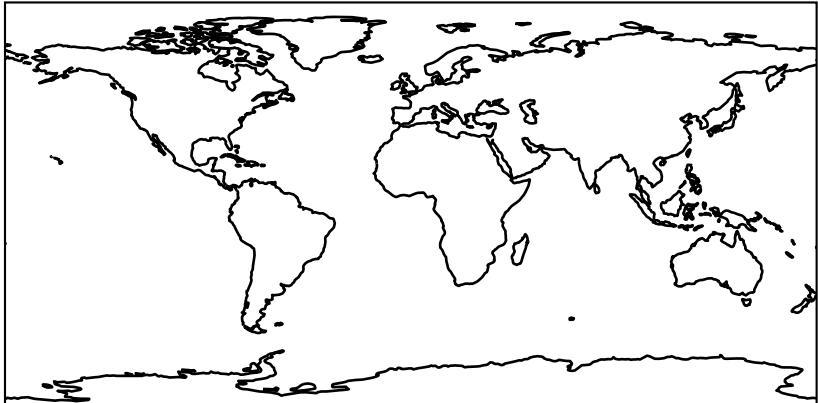


Ratio
Dev/Ref, Fixed Range



EmisEOH_Ship

GCC_13.3.0-rc.1 (Ref)
4.0x5.0



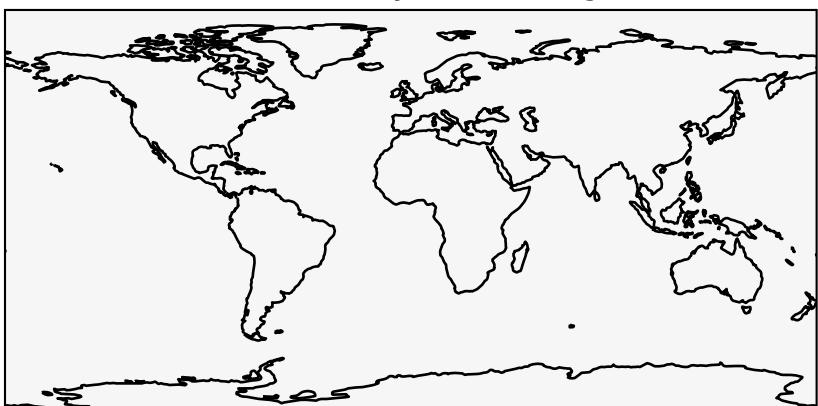
Zero throughout domain
kg/m²/s

GCC_13.4.0-rc.4 (Dev)
4.0x5.0



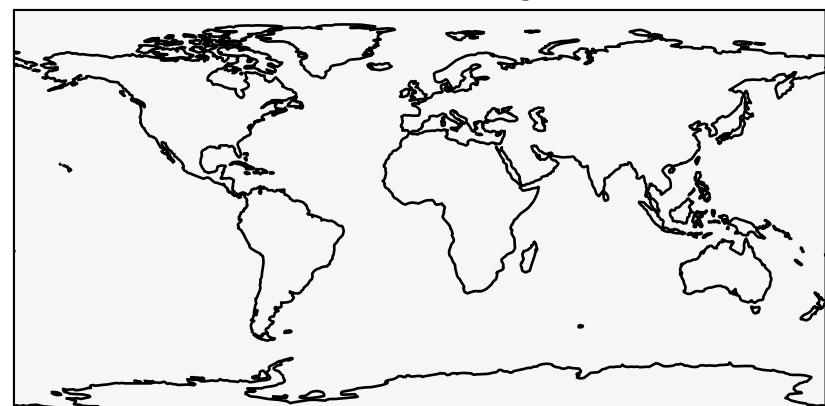
Zero throughout domain
kg/m²/s

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

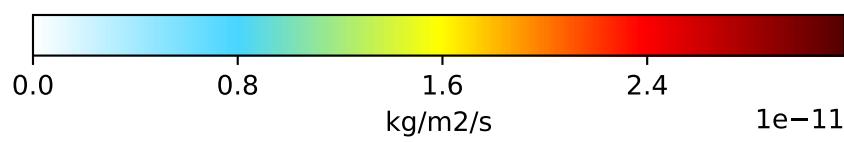
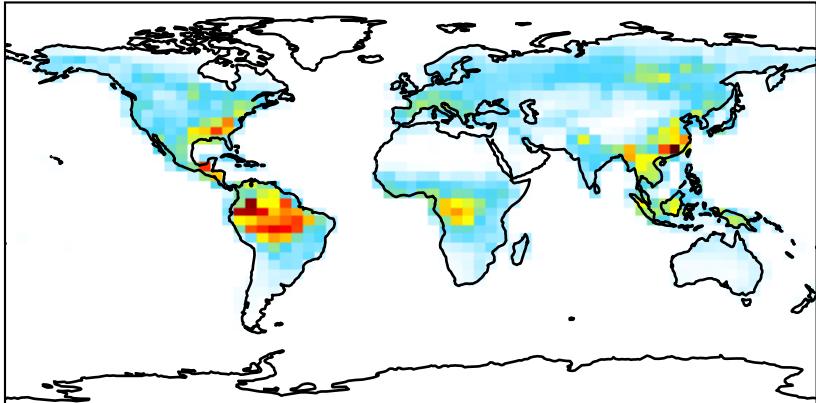
Ratio
Dev/Ref, Fixed Range



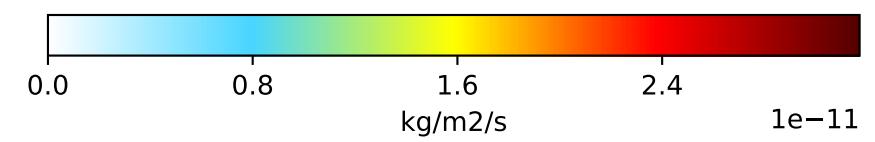
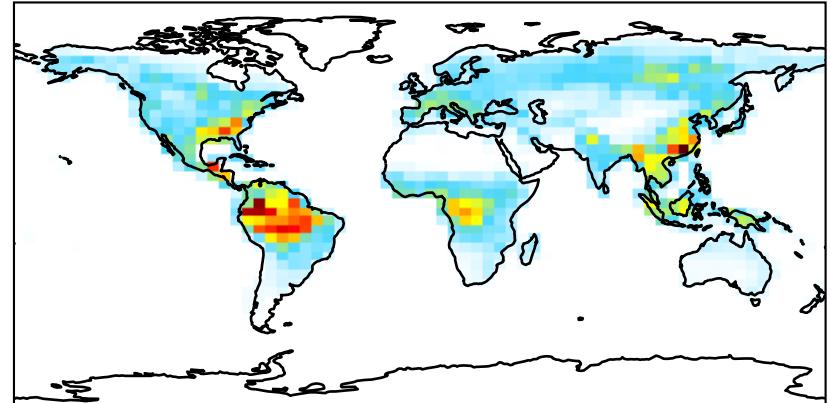
Undefined throughout domain
unitless

EmisEOH_Total

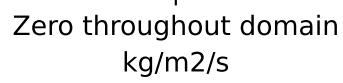
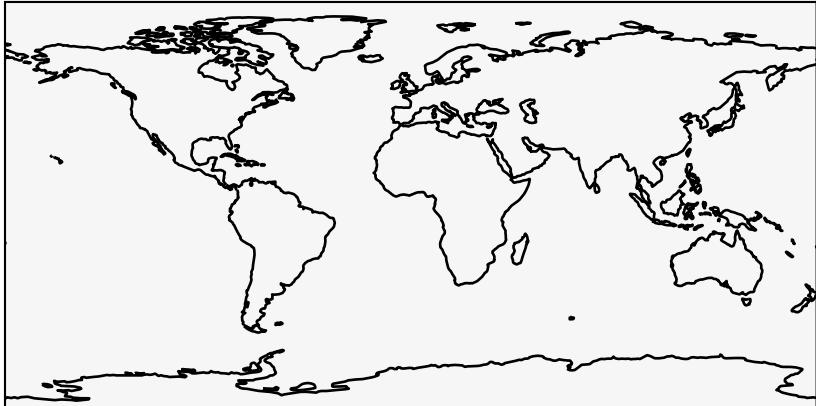
GCC_13.3.0-rc.1 (Ref)
4.0x5.0



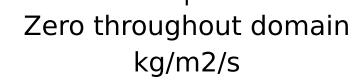
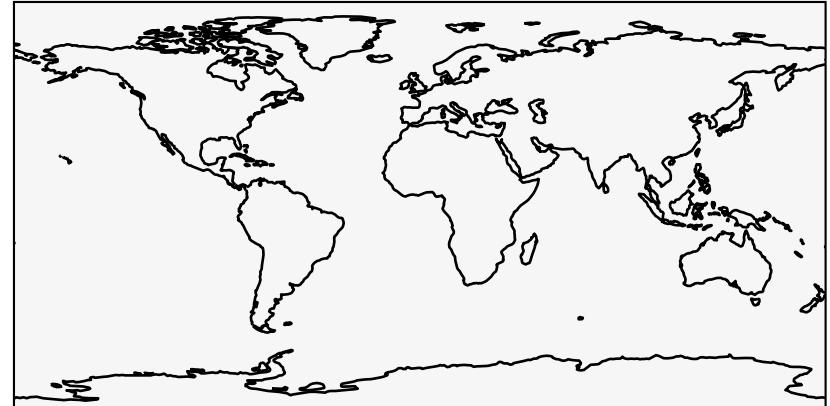
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



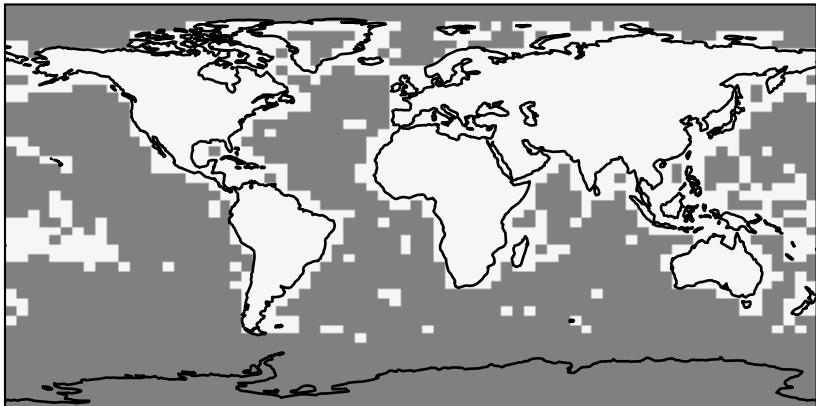
Difference
Dev - Ref, Dynamic Range



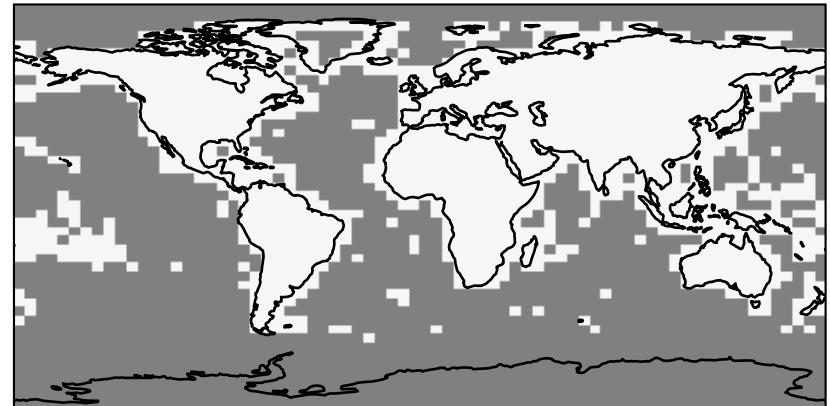
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

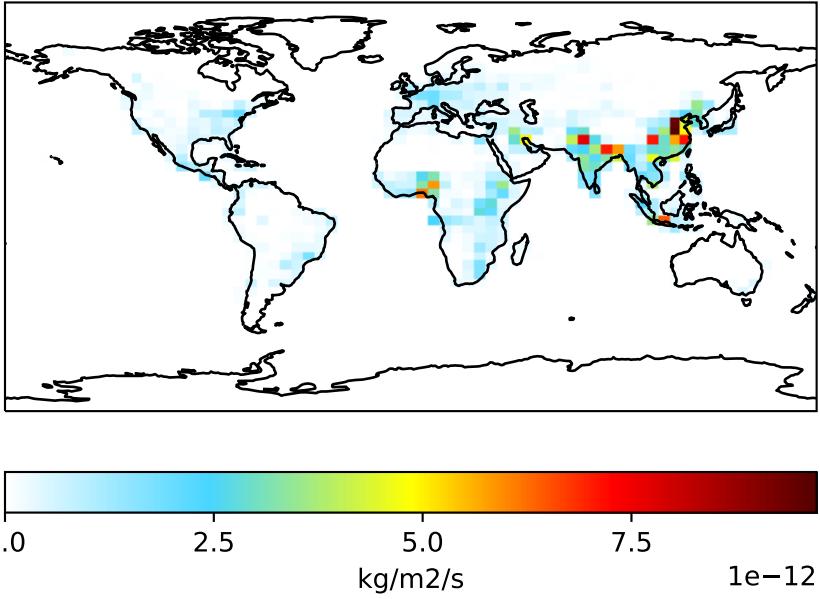


Ratio
Dev/Ref, Fixed Range

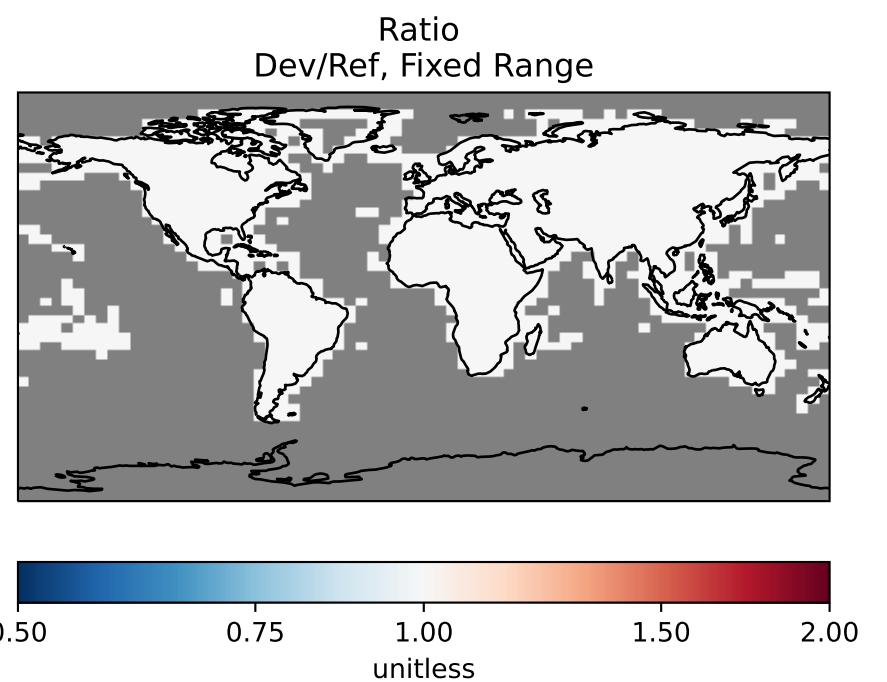
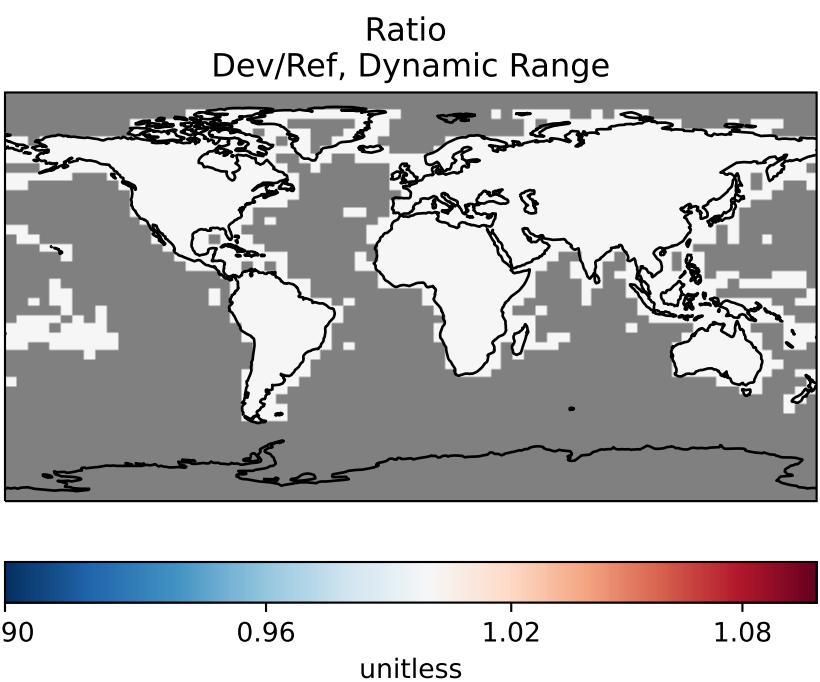
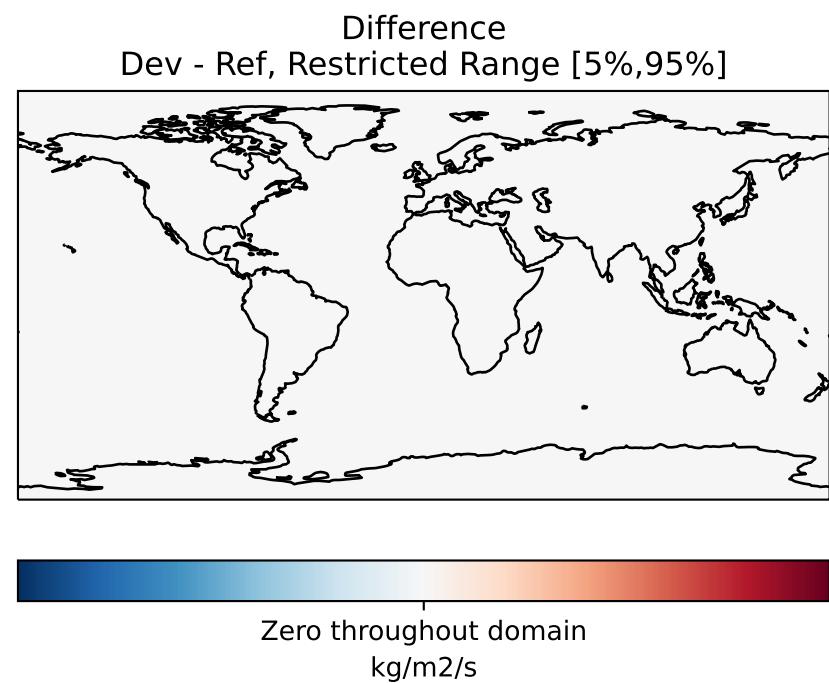
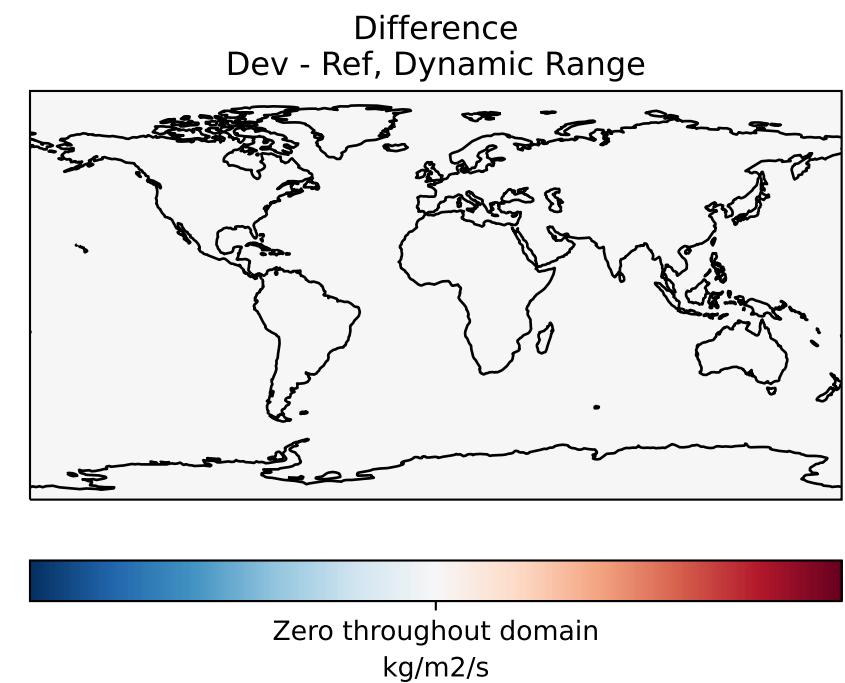
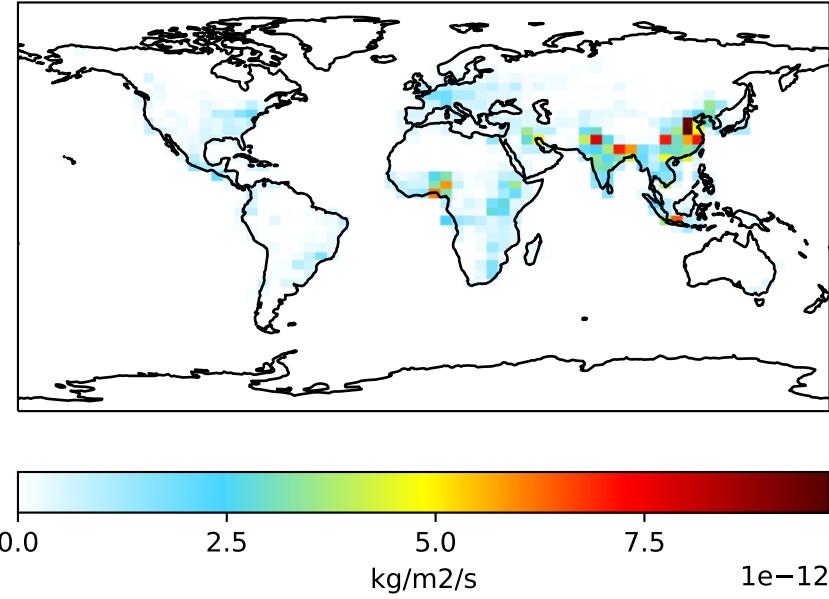


EmisMOH_Anthro

GCC_13.3.0-rc.1 (Ref)
4.0x5.0

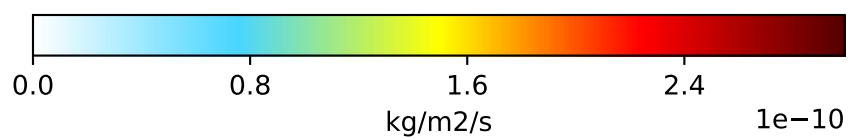
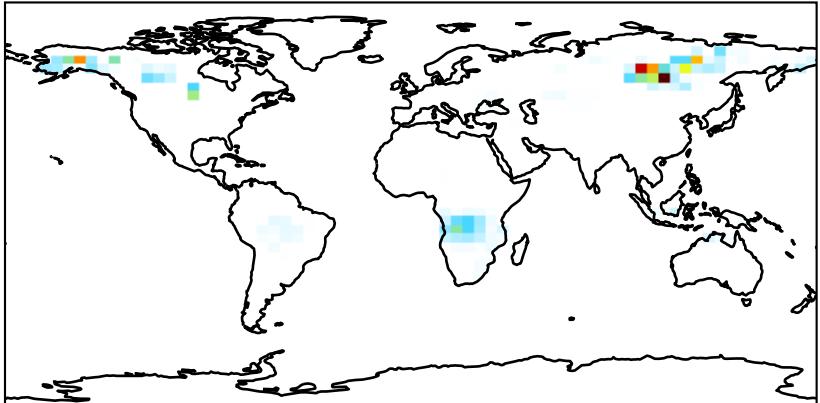


GCC_13.4.0-rc.4 (Dev)
4.0x5.0

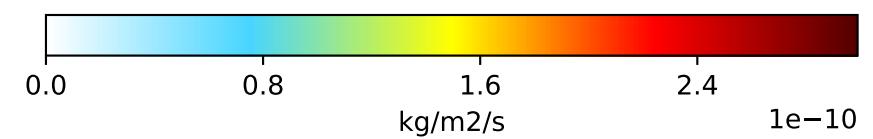
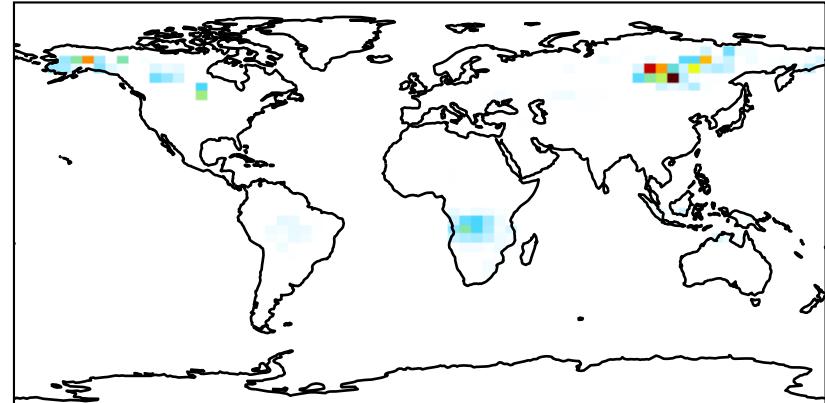


EmisMOH_BioBurn

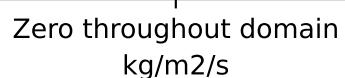
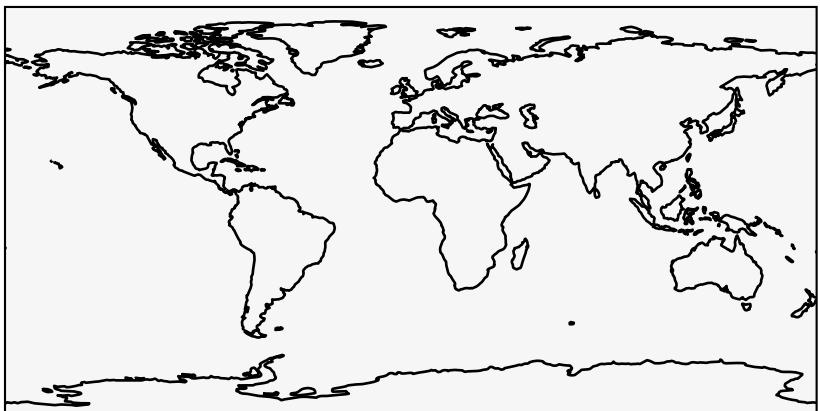
GCC_13.3.0-rc.1 (Ref)
4.0x5.0



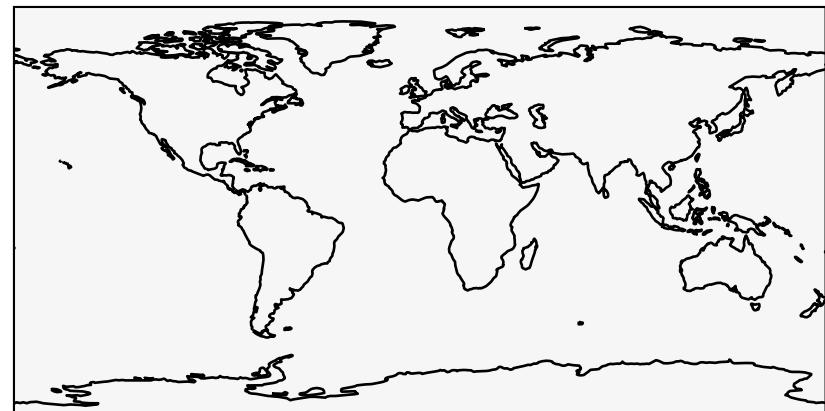
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



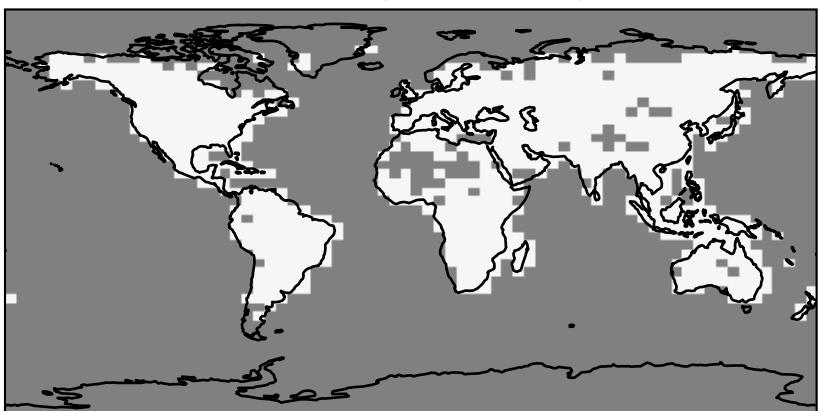
Difference
Dev - Ref, Dynamic Range



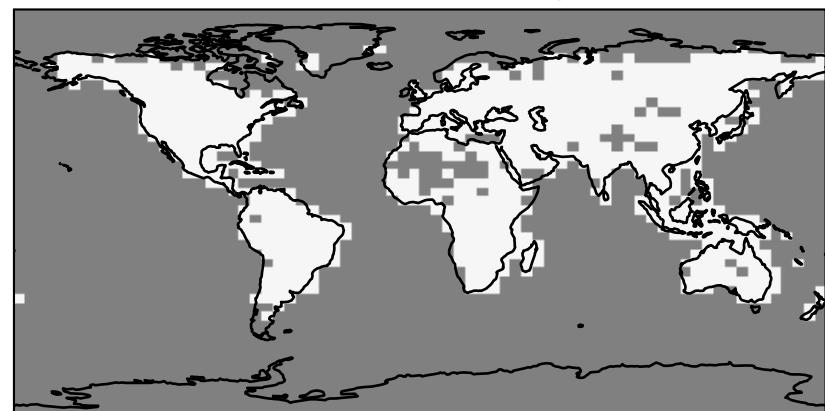
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

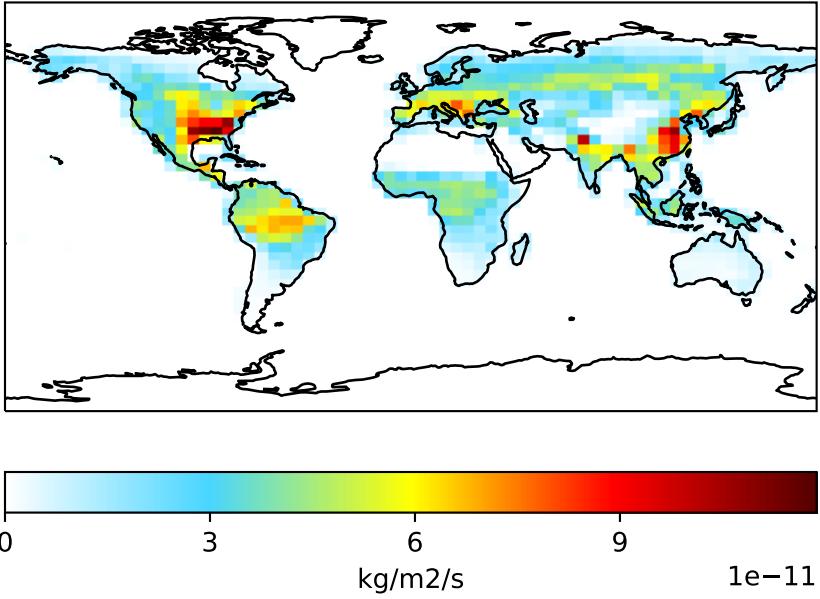


Ratio
Dev/Ref, Fixed Range

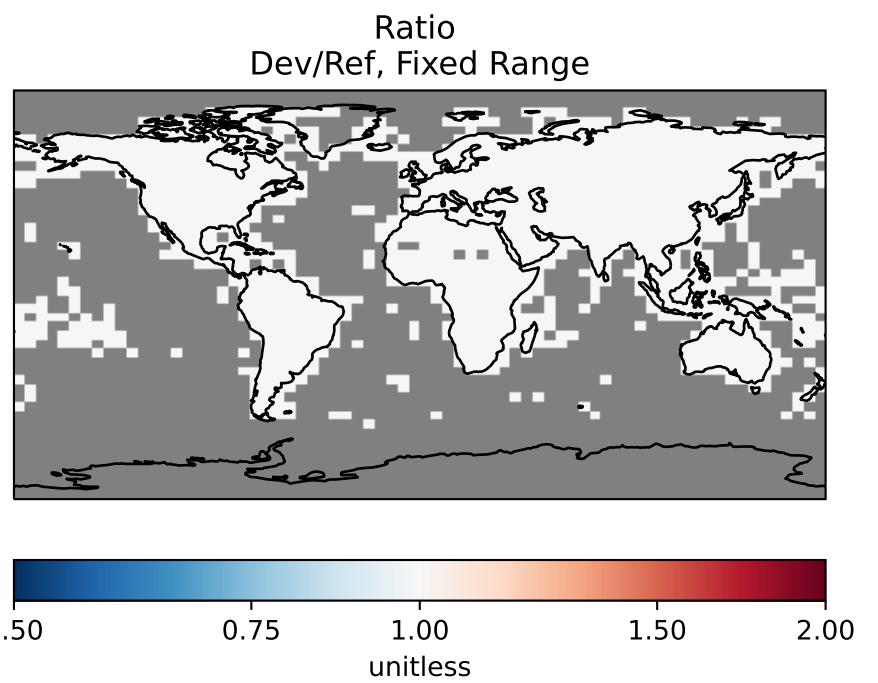
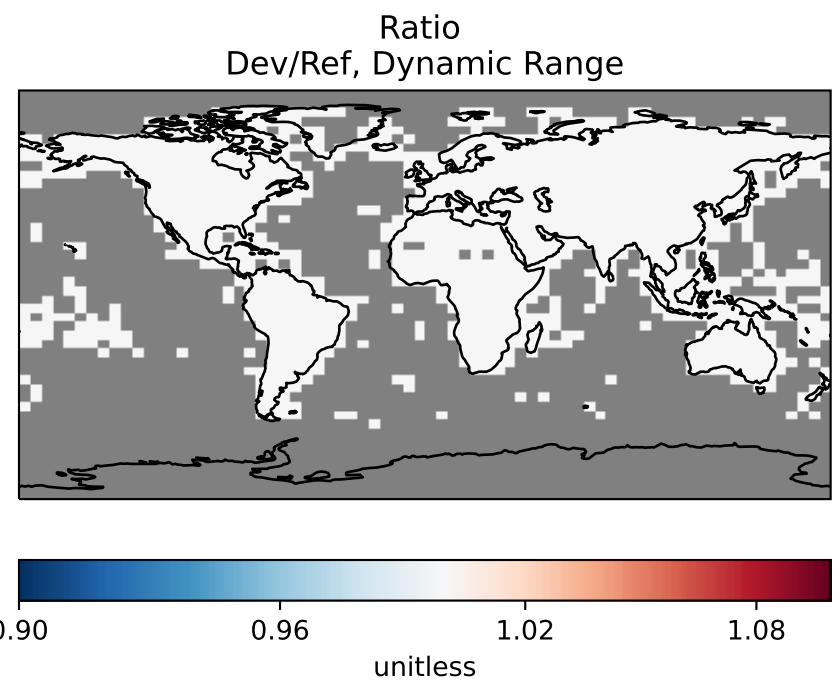
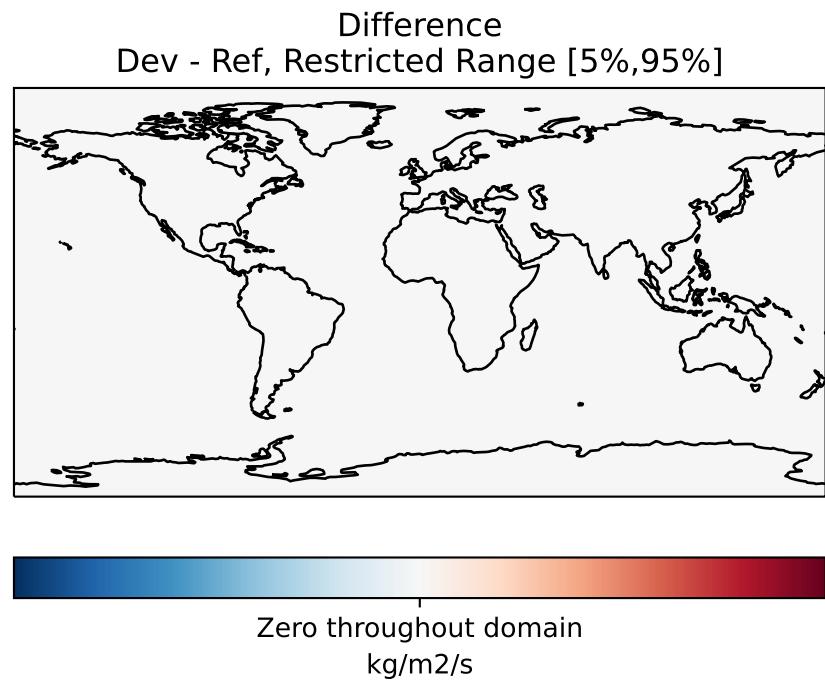
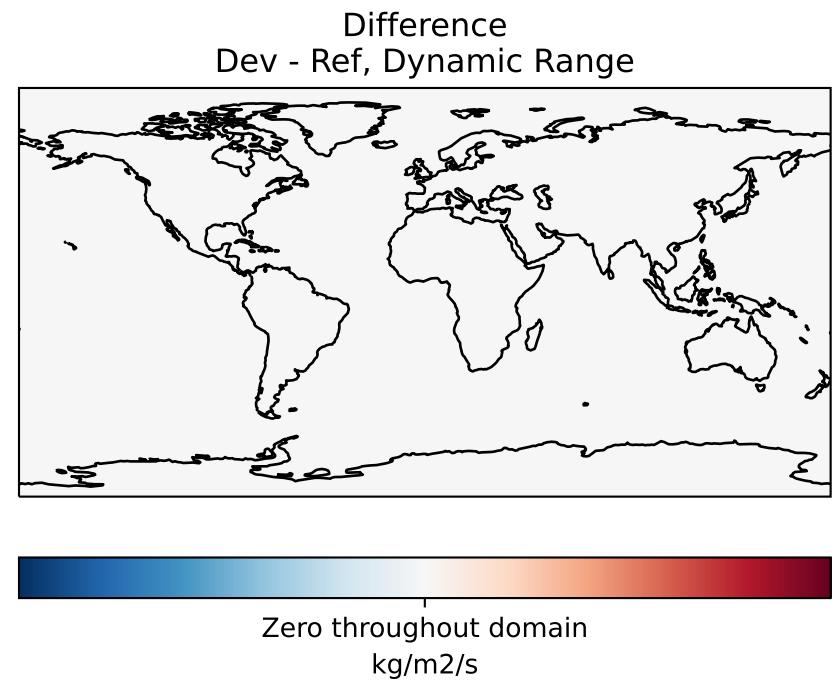
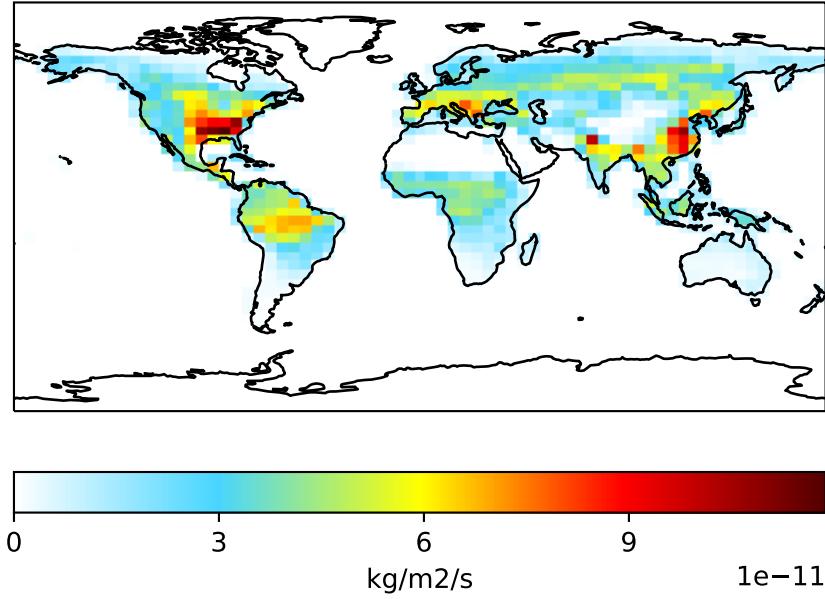


EmisMOH_Biogenic

GCC_13.3.0-rc.1 (Ref)
4.0x5.0

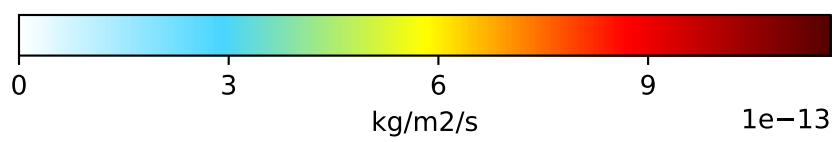
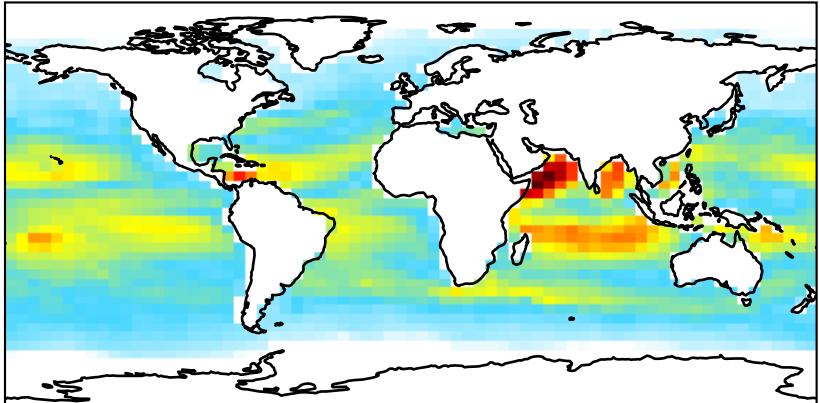


GCC_13.4.0-rc.4 (Dev)
4.0x5.0

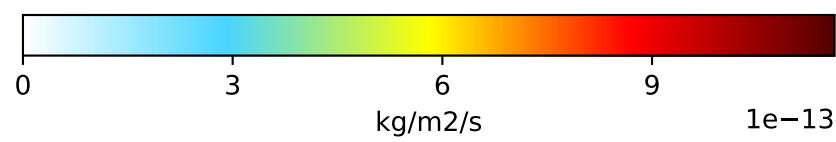
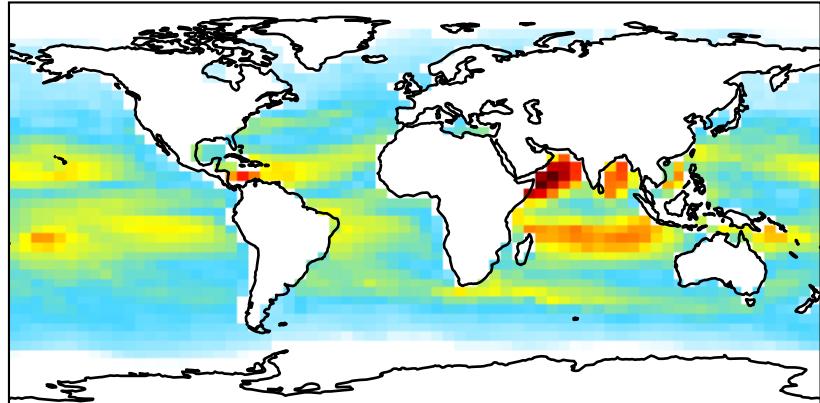


EmisMOH_Ocean

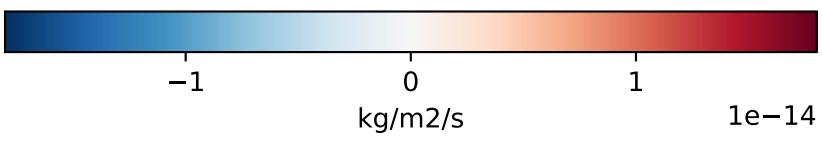
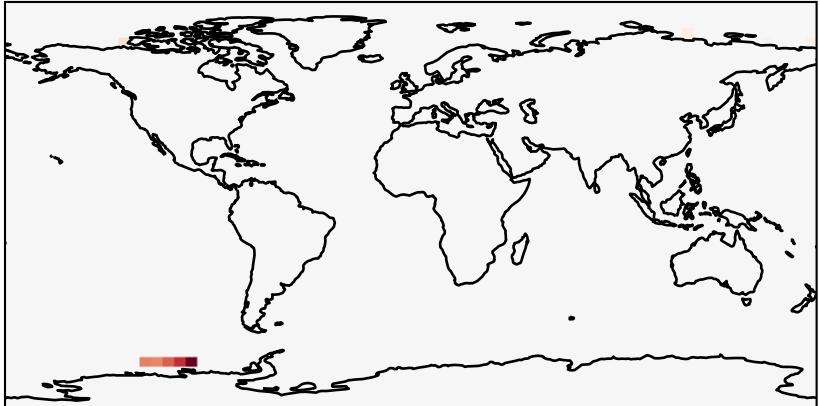
GCC_13.3.0-rc.1 (Ref)
4.0x5.0



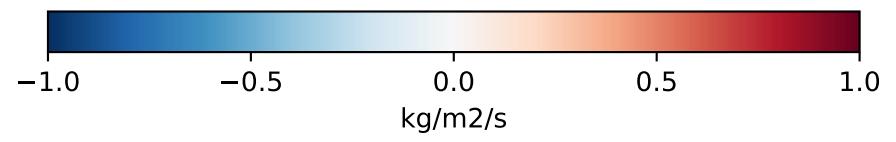
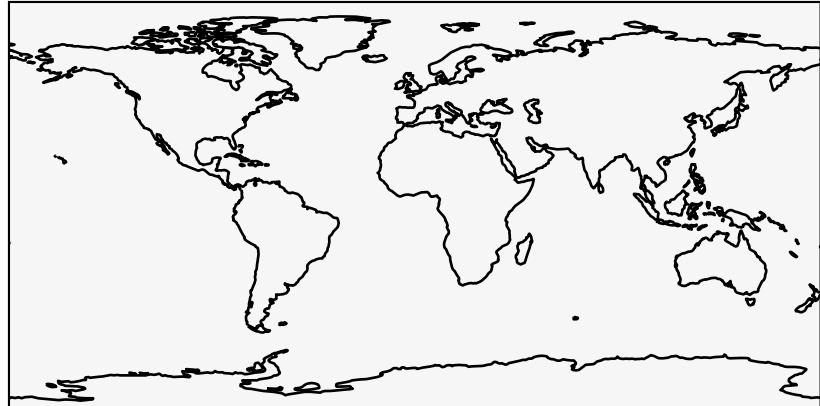
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



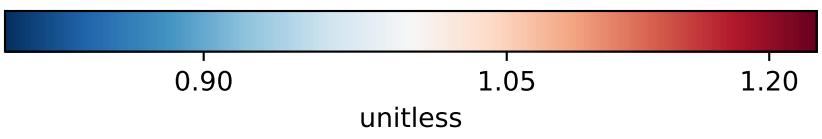
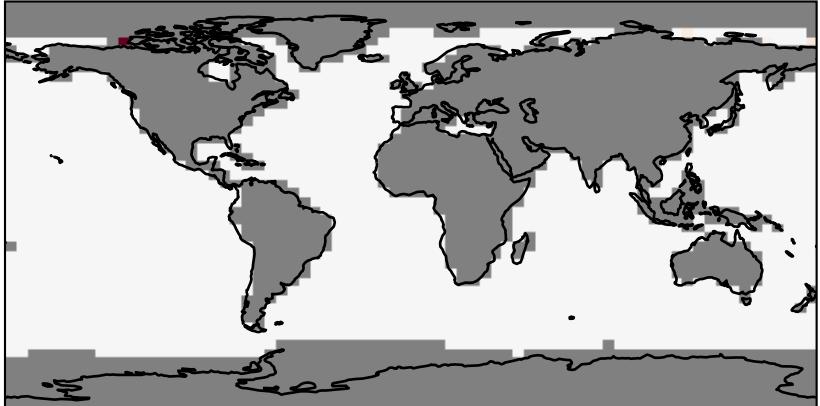
Difference
Dev - Ref, Dynamic Range



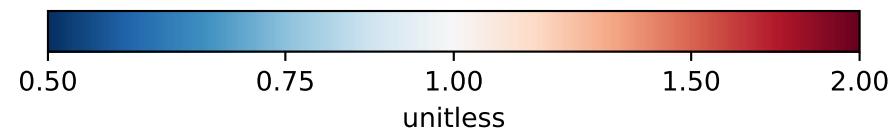
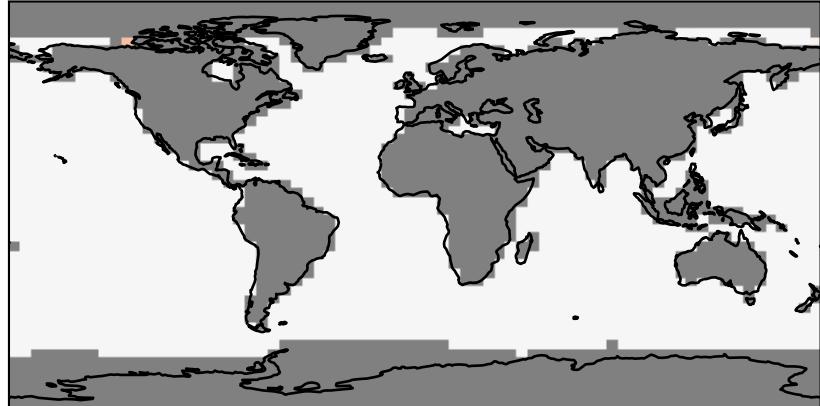
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

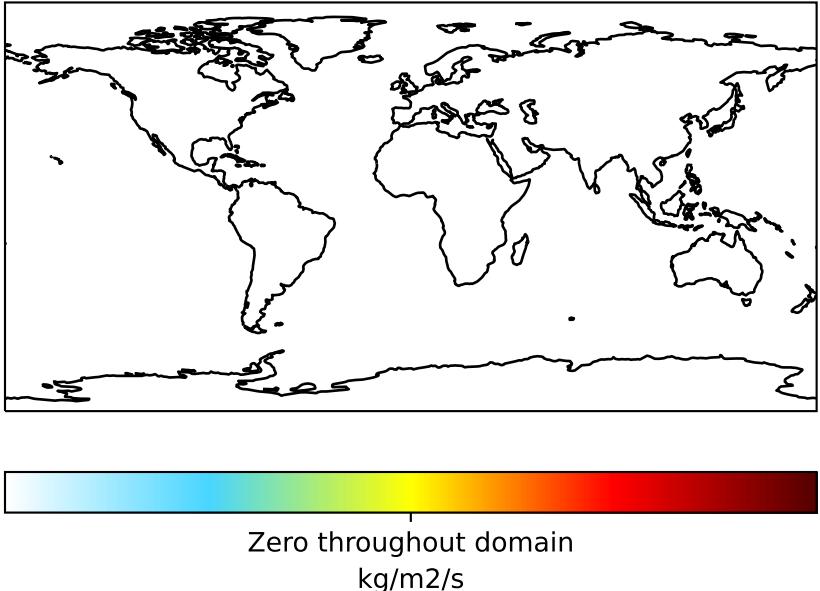


Ratio
Dev/Ref, Fixed Range

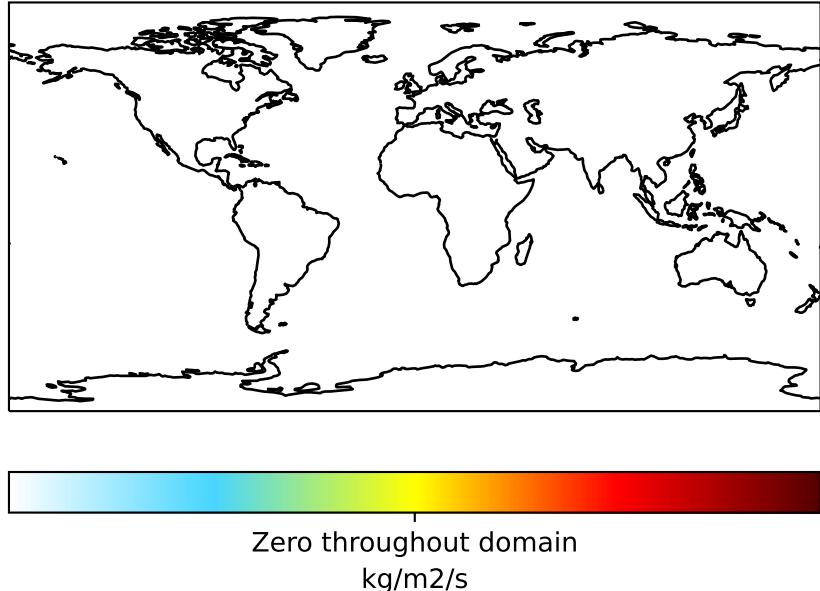


EmisMOH_Ship

GCC_13.3.0-rc.1 (Ref)
4.0x5.0



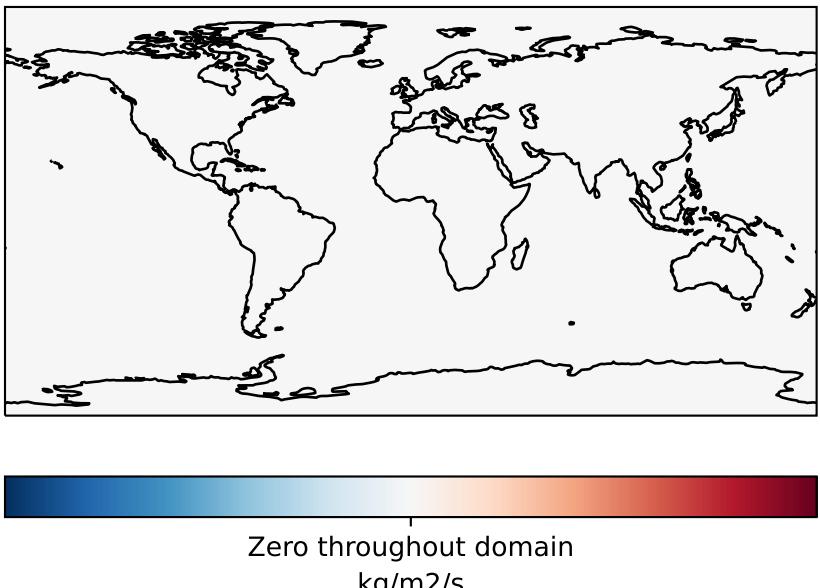
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



Zero throughout domain
kg/m²/s

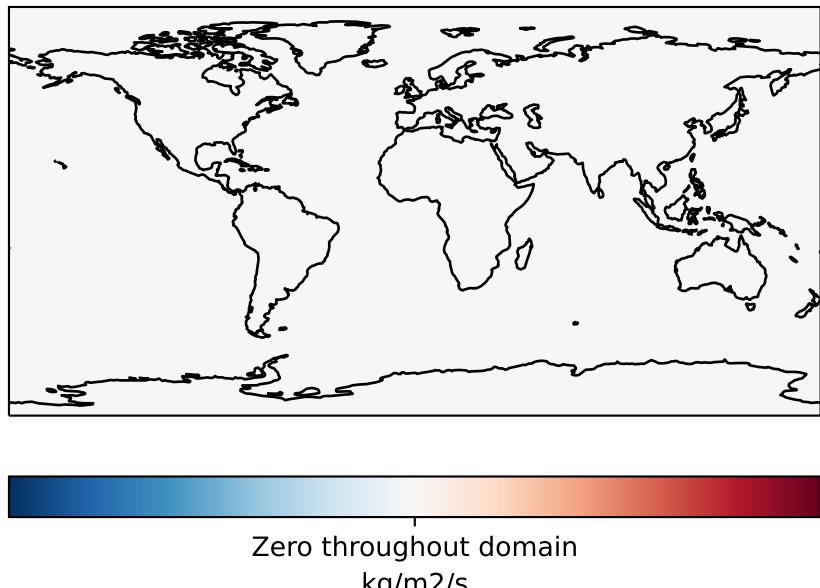
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



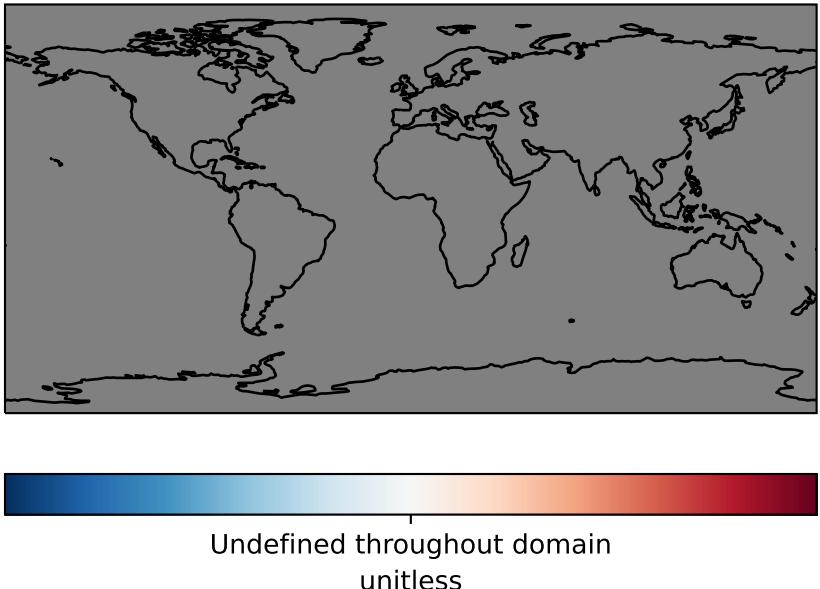
Zero throughout domain
kg/m²/s

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



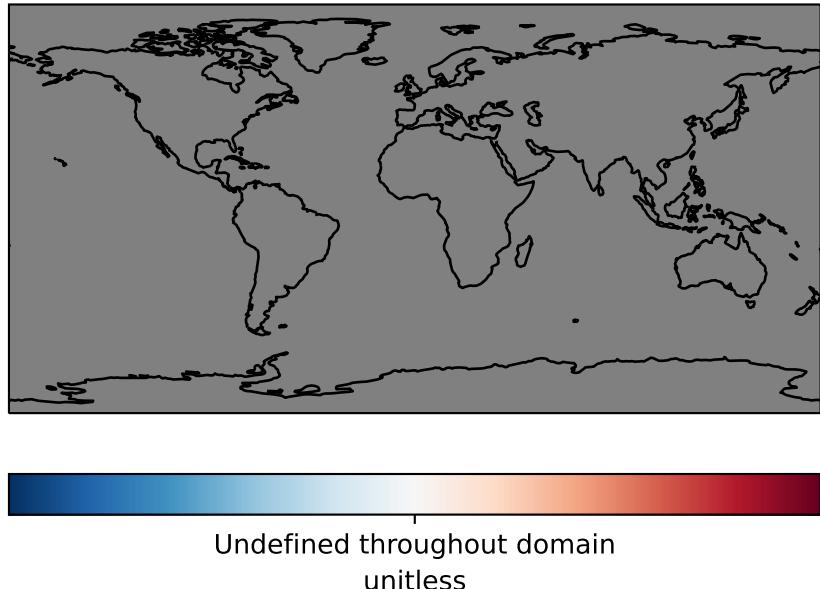
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

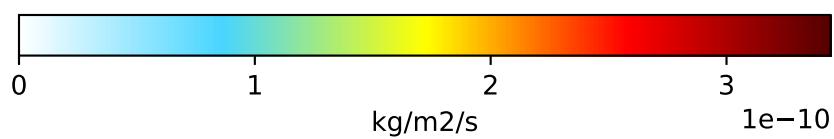
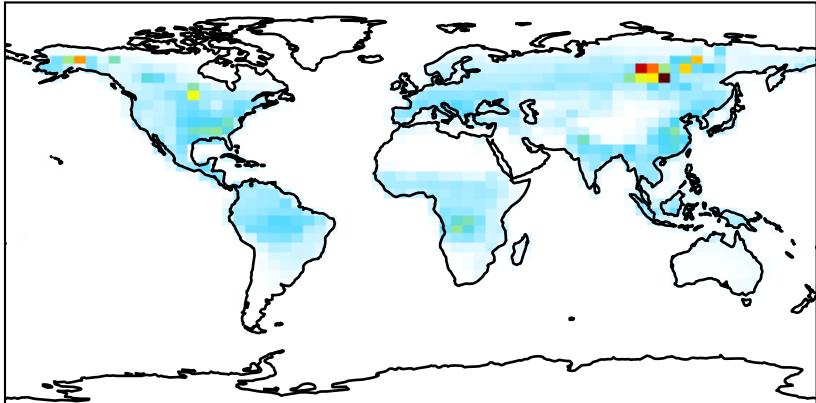
Ratio
Dev/Ref, Fixed Range



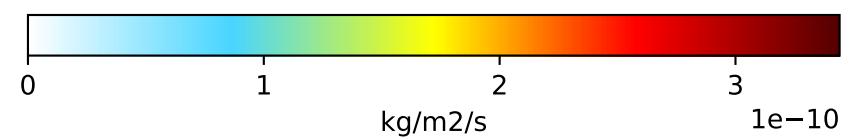
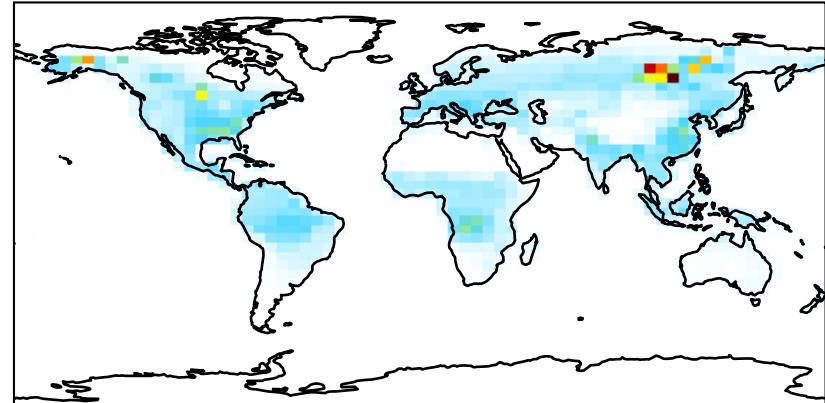
Undefined throughout domain
unitless

EmisMOH_Total

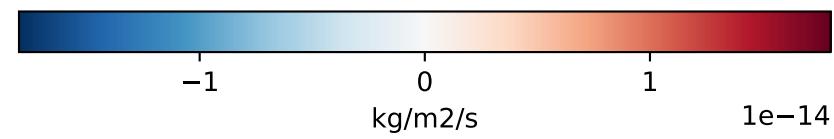
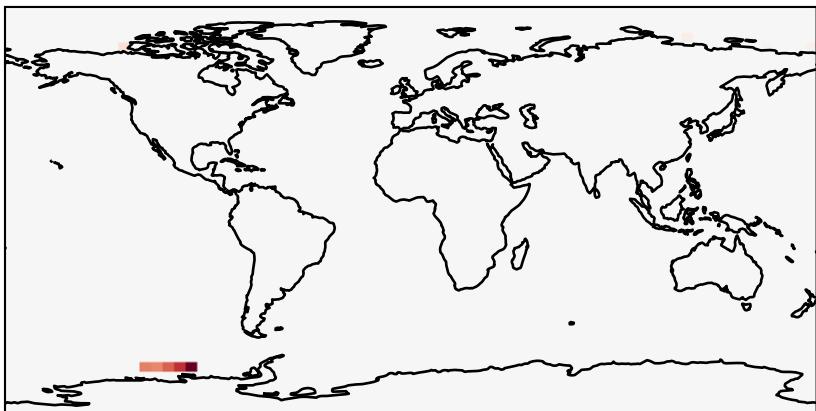
GCC_13.3.0-rc.1 (Ref)
4.0x5.0



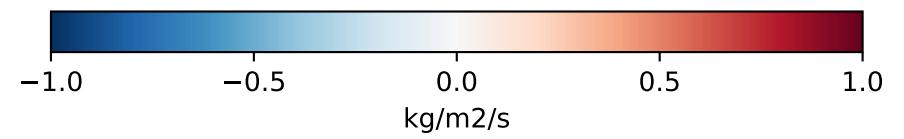
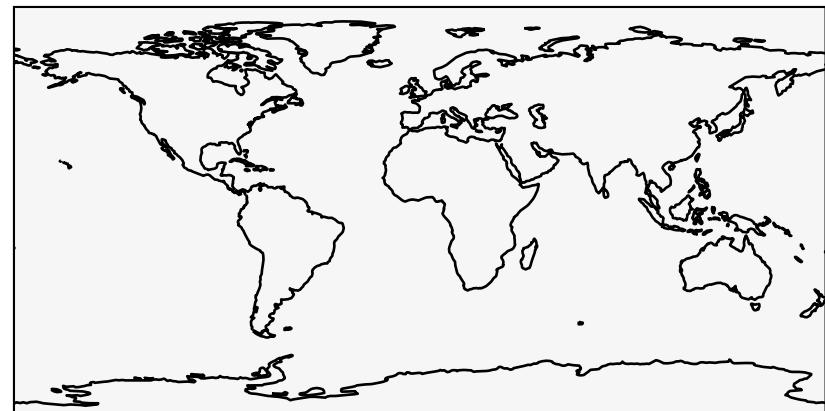
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



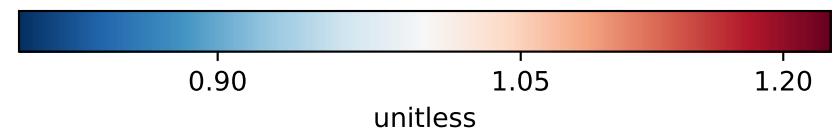
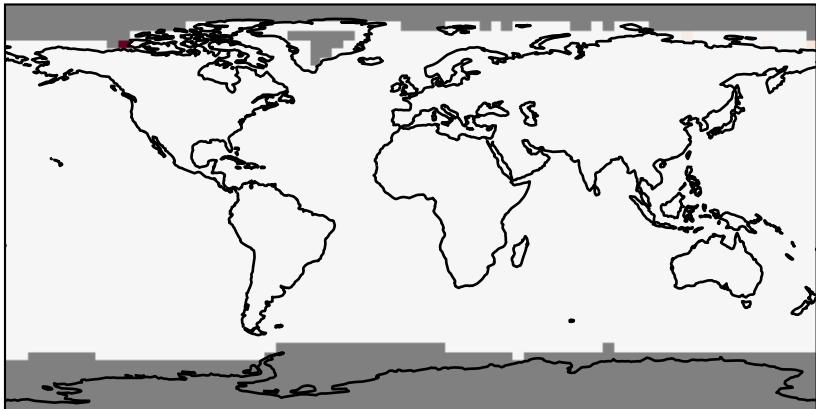
Difference
Dev - Ref, Dynamic Range



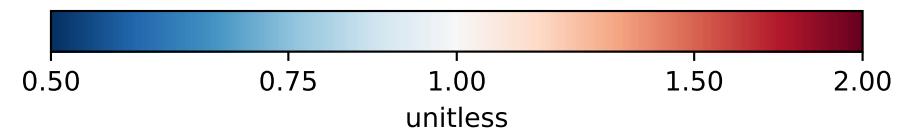
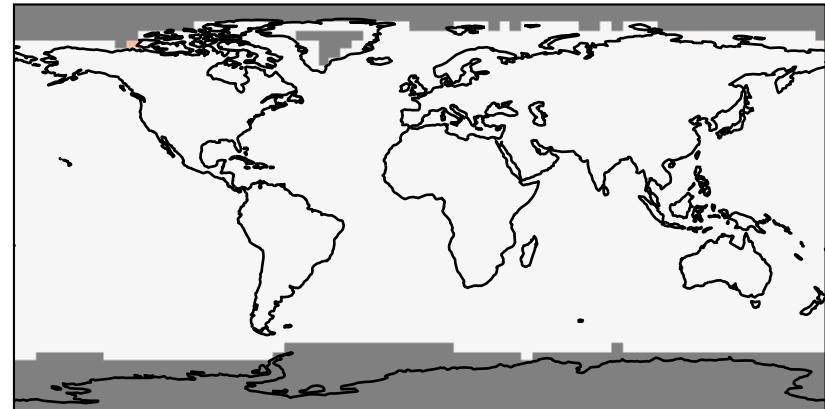
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

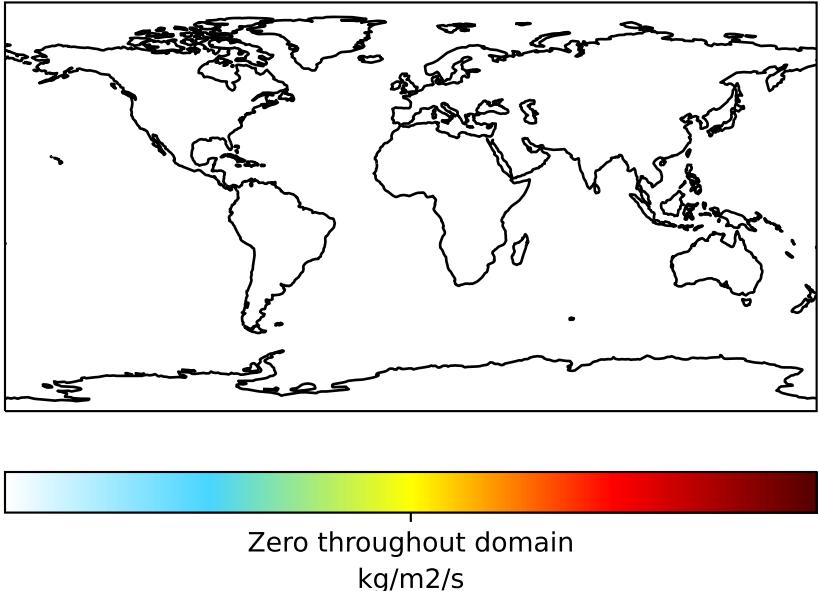


Ratio
Dev/Ref, Fixed Range

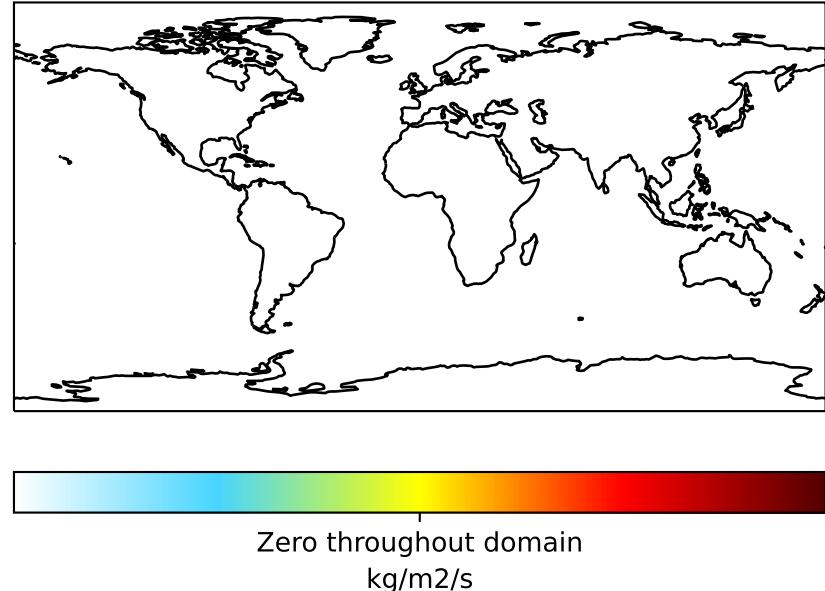


EmisISOP_Anthro

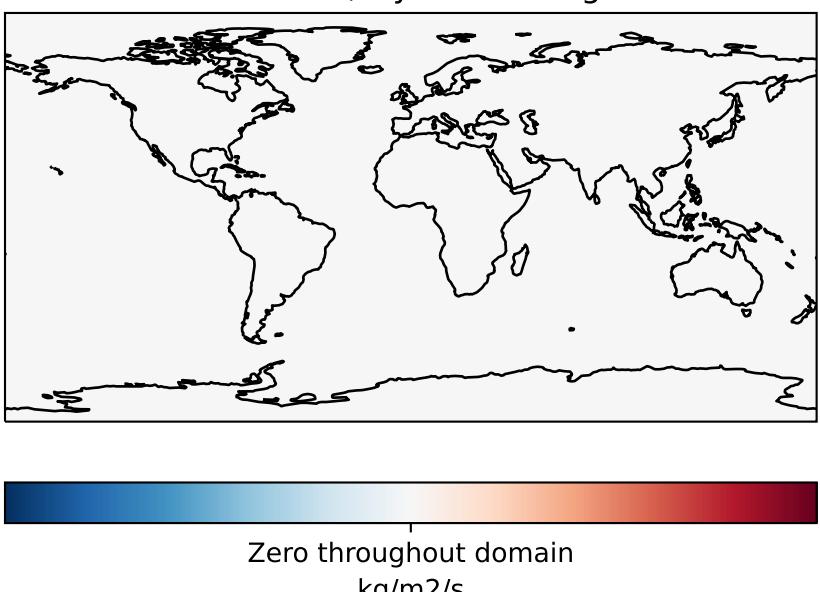
GCC_13.3.0-rc.1 (Ref)
4.0x5.0



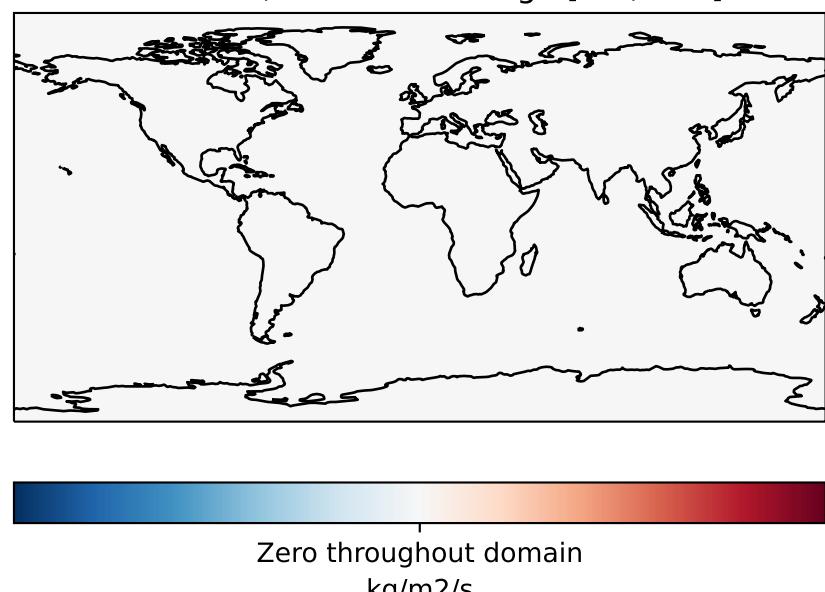
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



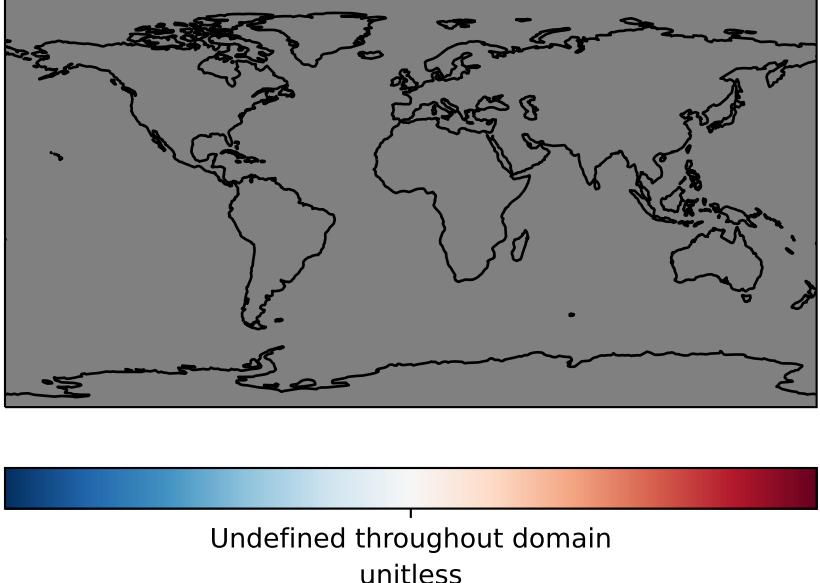
Difference
Dev - Ref, Dynamic Range



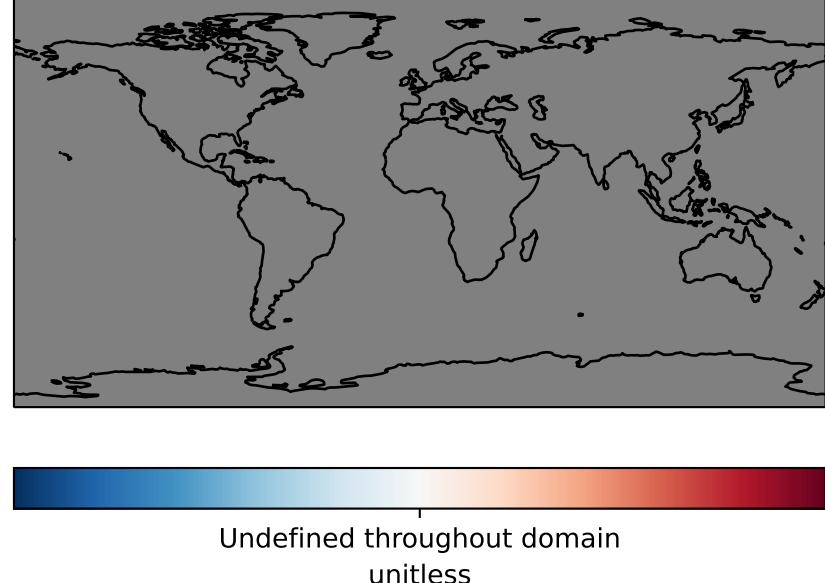
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

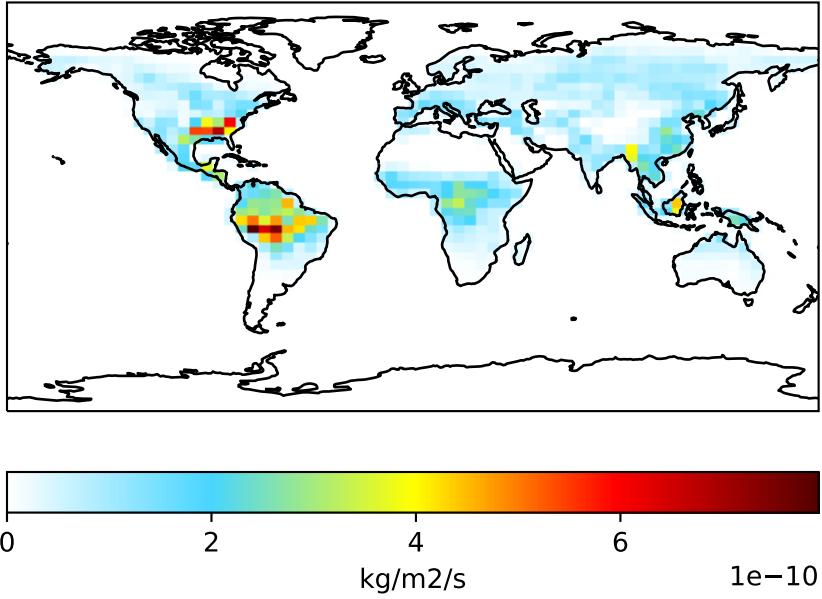


Ratio
Dev/Ref, Fixed Range

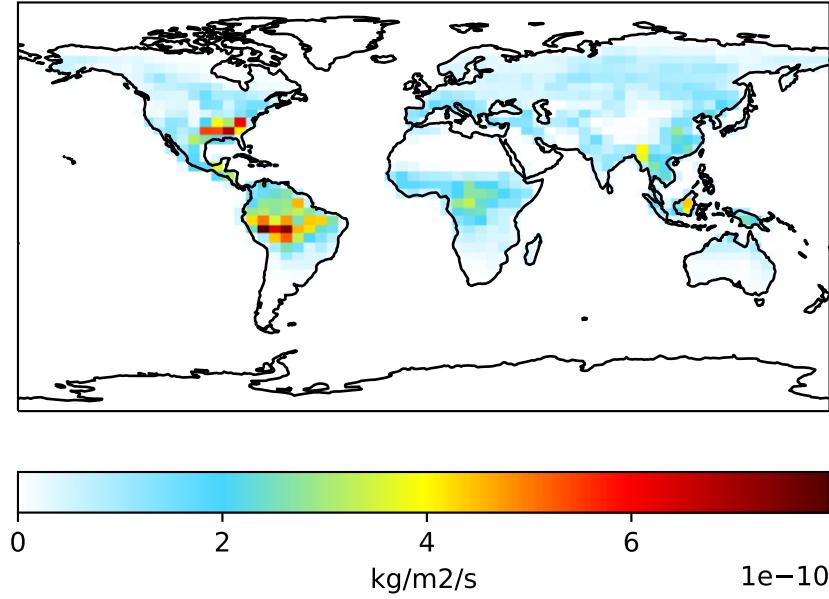


EmisISOP_Biogenic

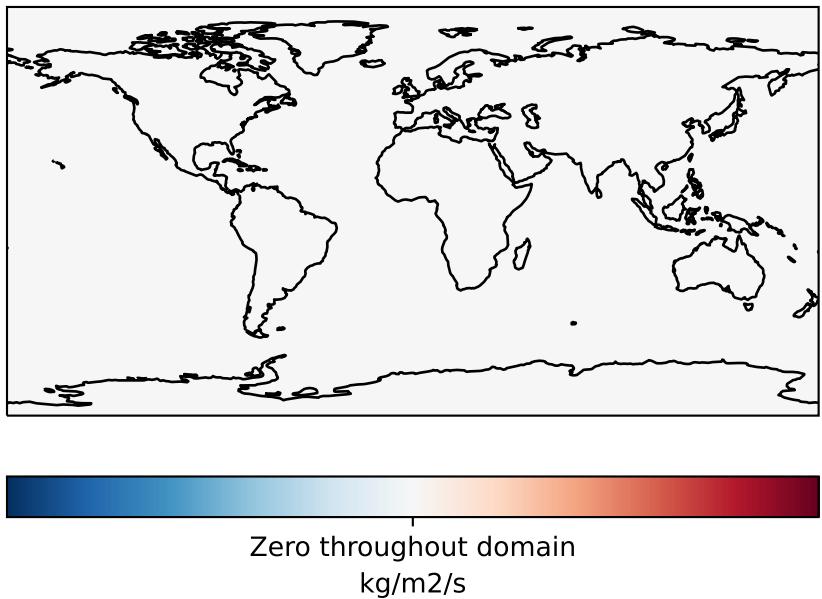
GCC_13.3.0-rc.1 (Ref)
4.0x5.0



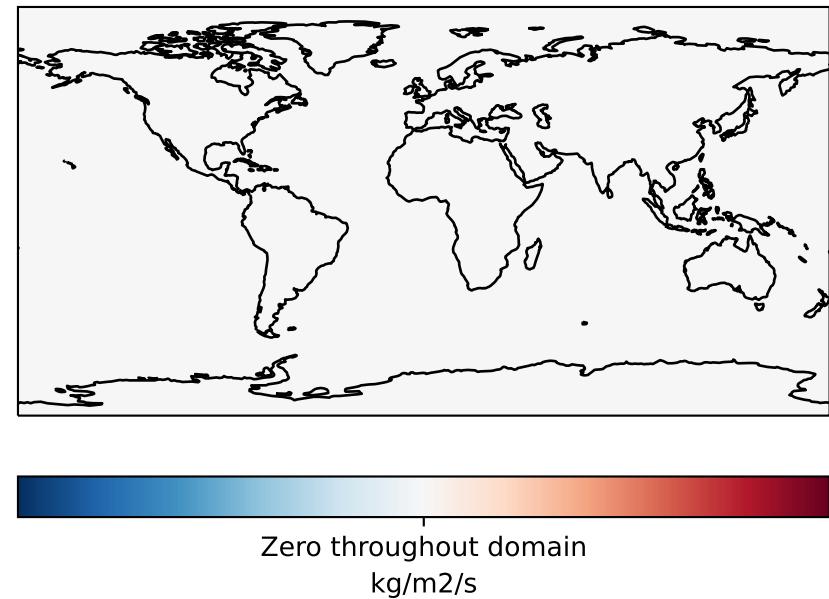
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



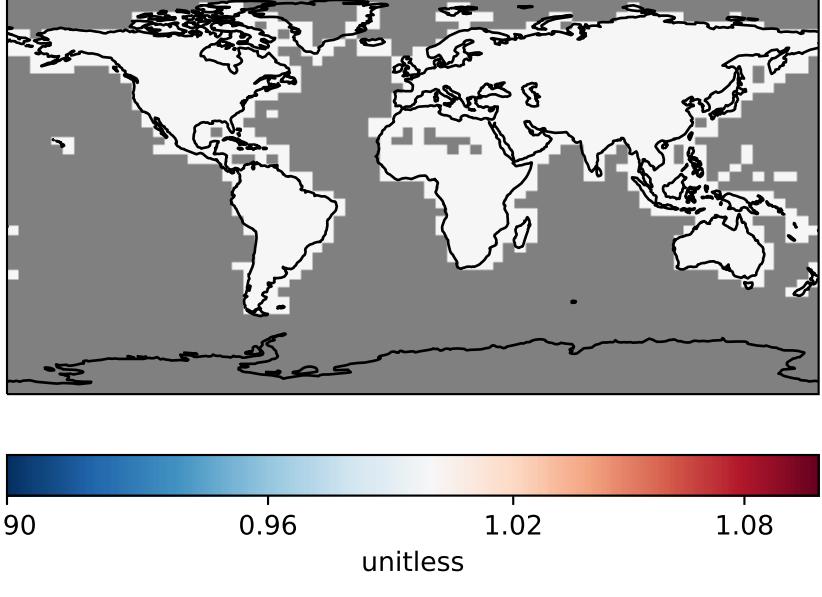
Difference
Dev - Ref, Dynamic Range



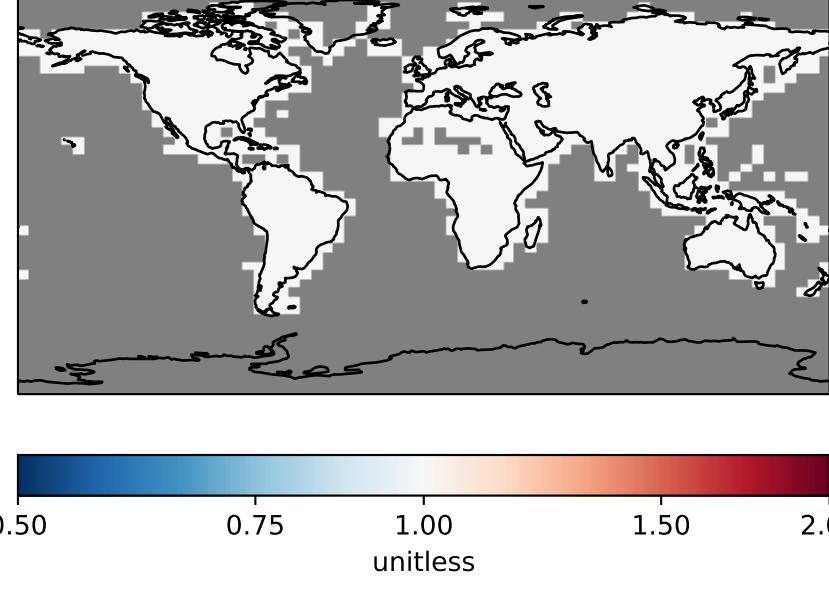
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

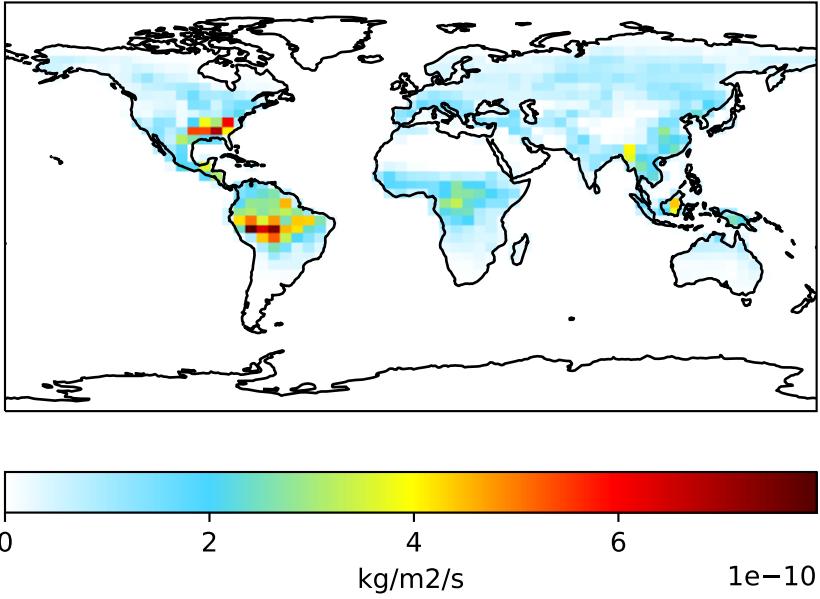


Ratio
Dev/Ref, Fixed Range

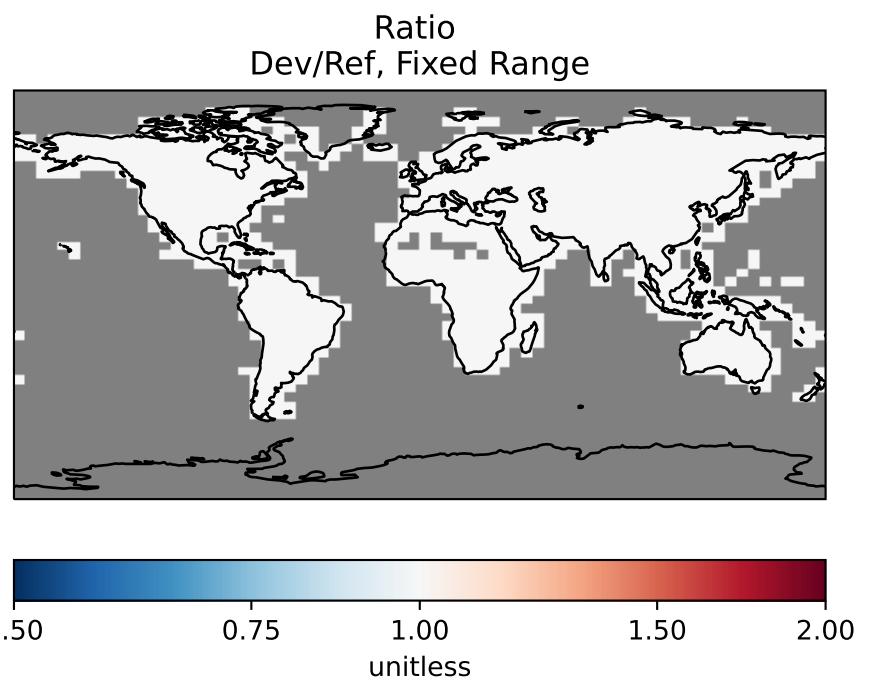
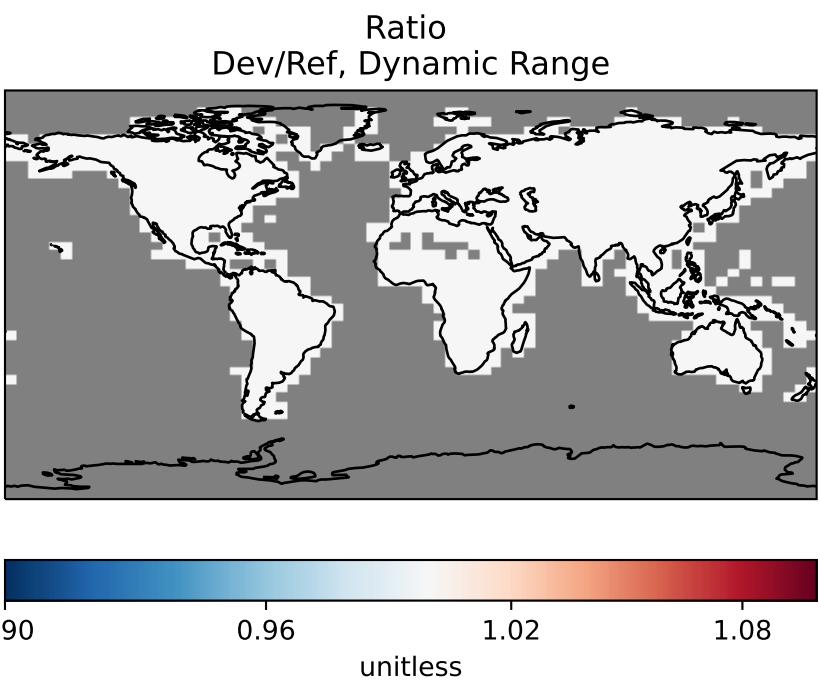
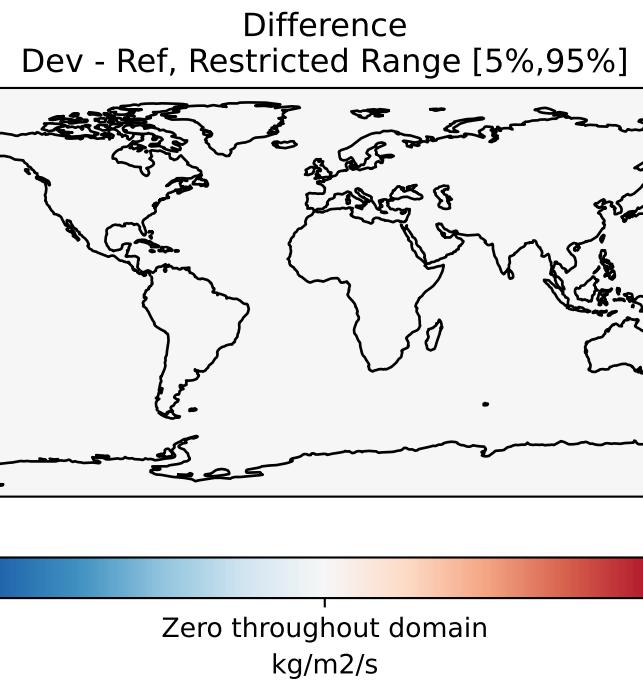
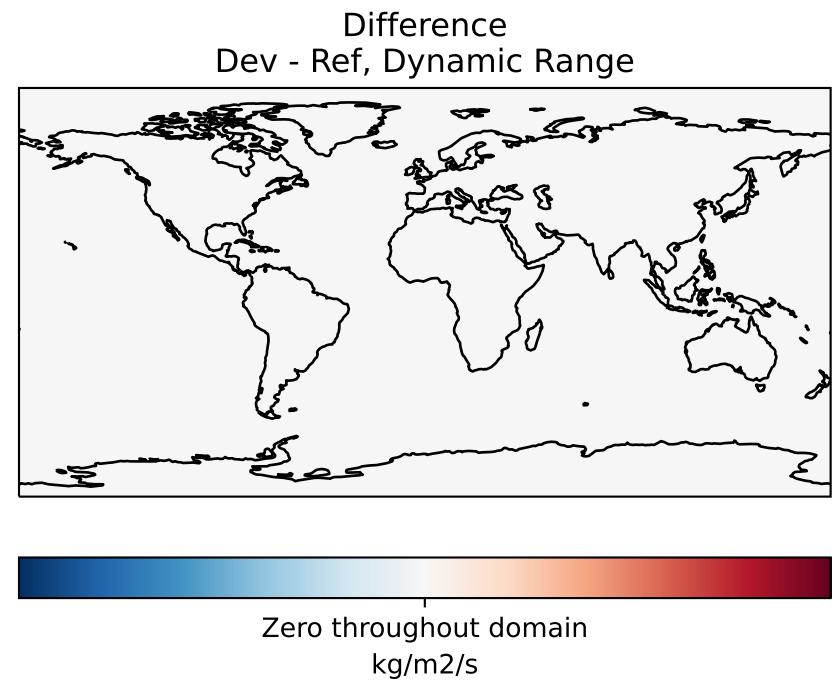
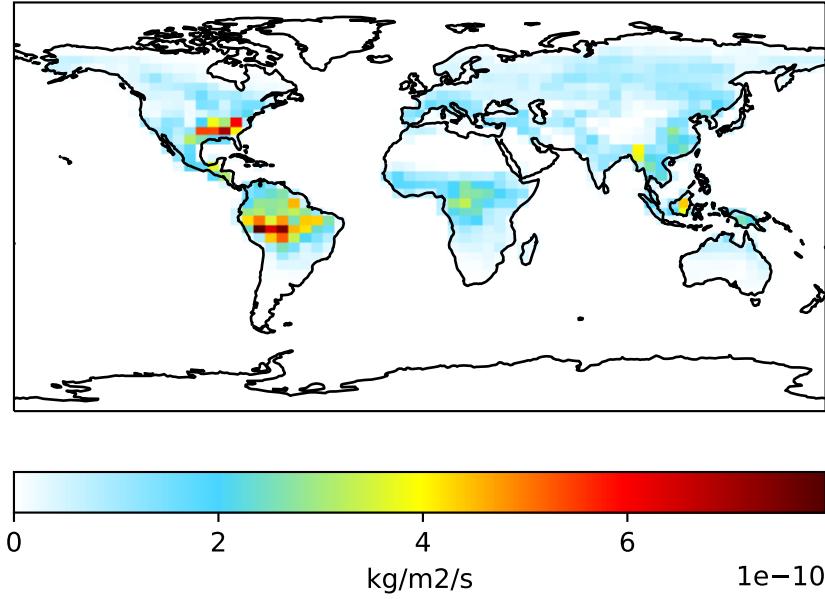


EmisISOP_Total

GCC_13.3.0-rc.1 (Ref)
4.0x5.0

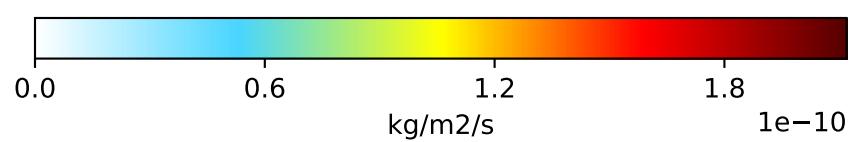
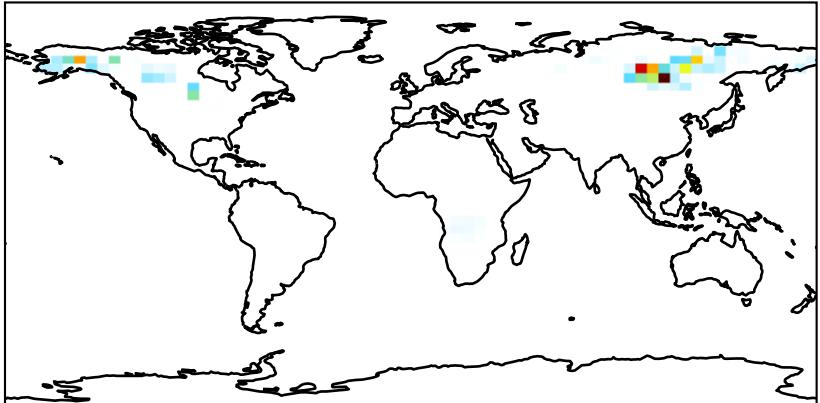


GCC_13.4.0-rc.4 (Dev)
4.0x5.0

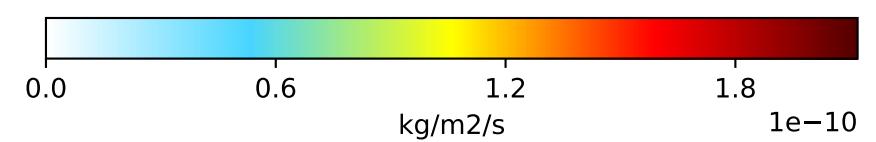


EmisMTPA_BioBurn

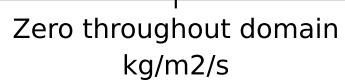
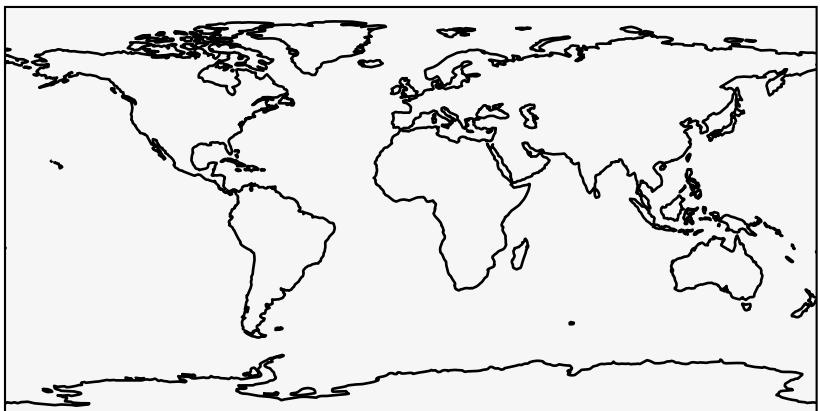
GCC_13.3.0-rc.1 (Ref)
4.0x5.0



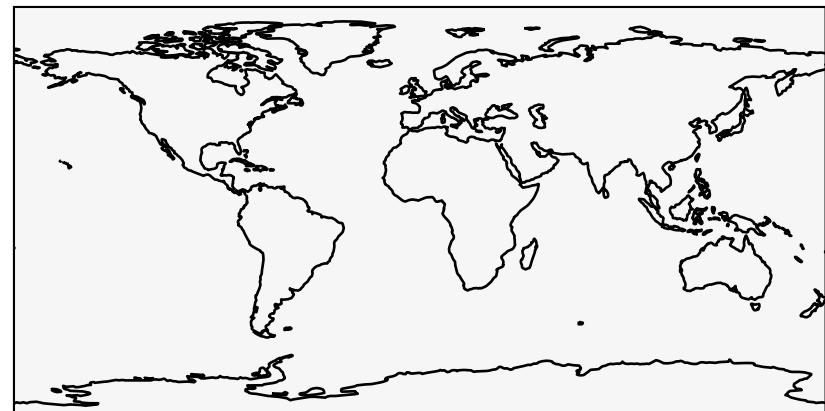
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



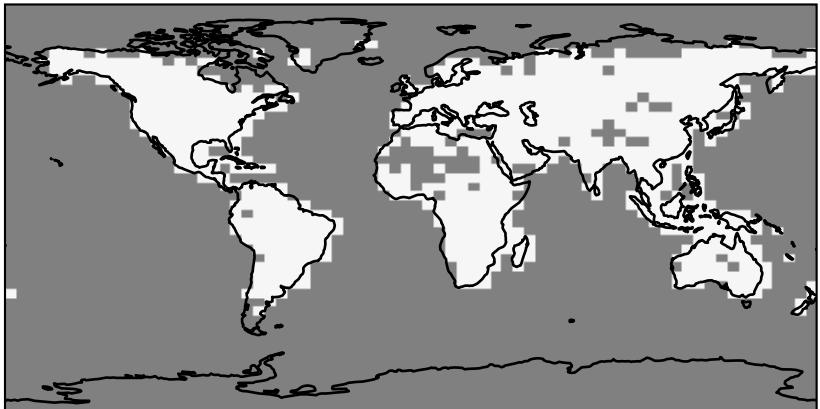
Difference
Dev - Ref, Dynamic Range



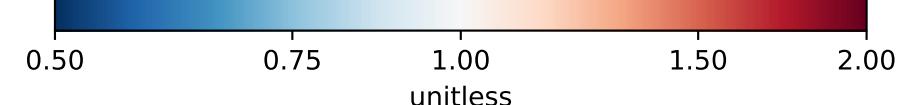
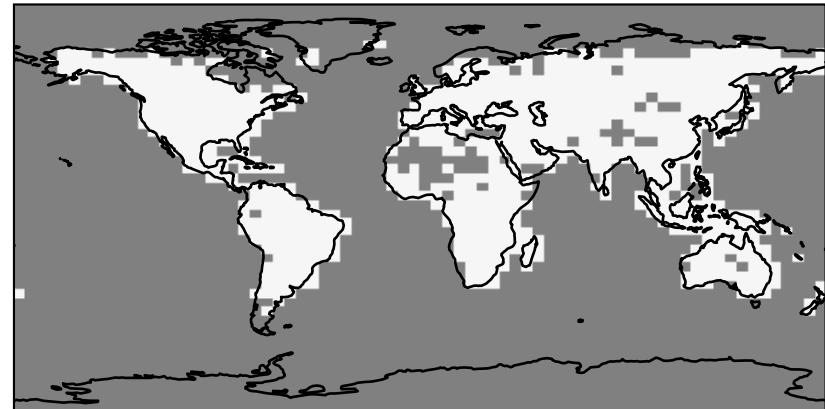
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

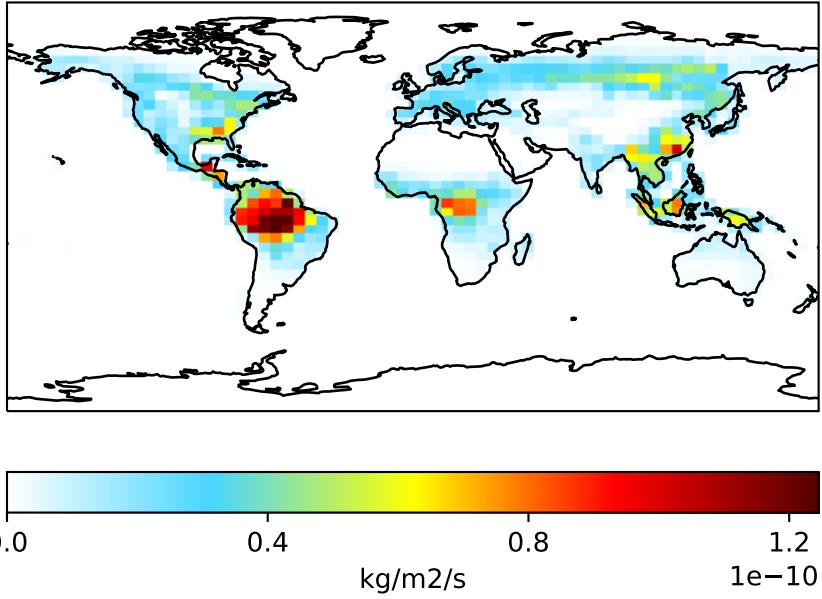


Ratio
Dev/Ref, Fixed Range

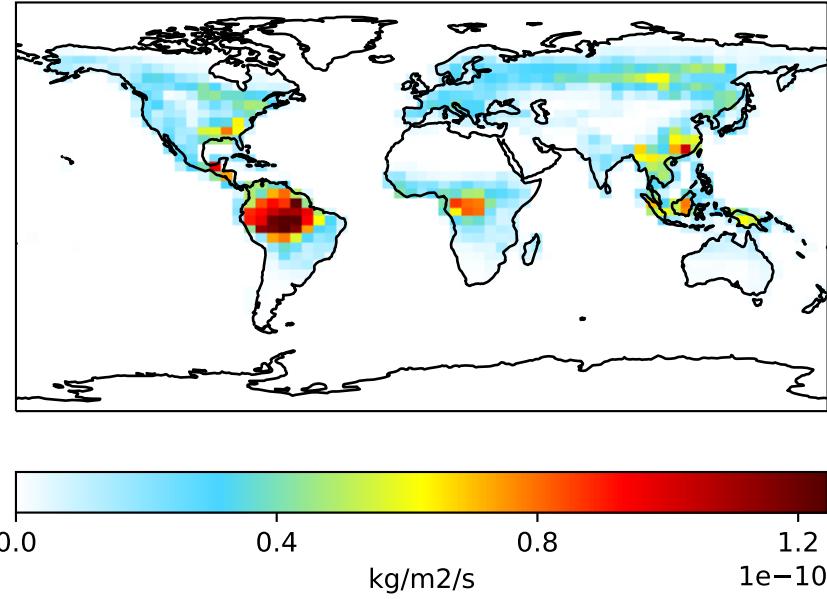


EmisMTPA_Biogenic

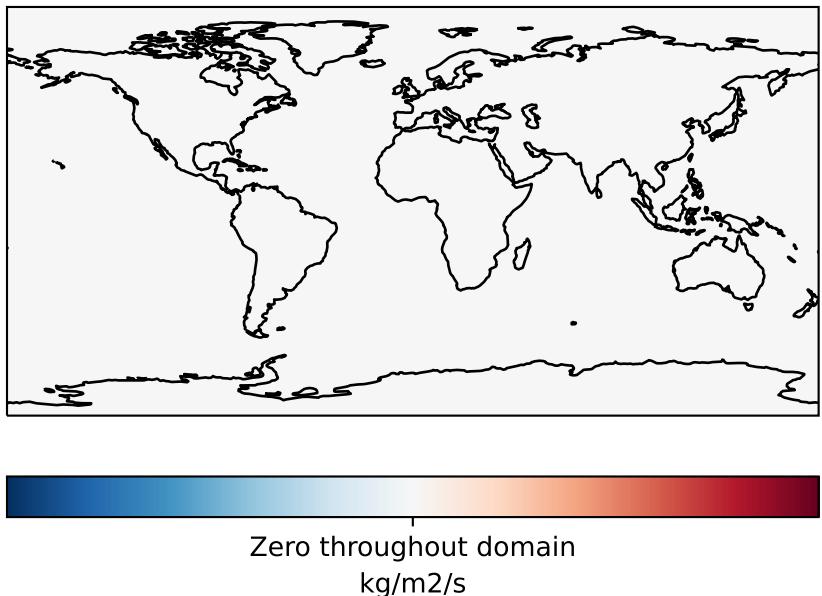
GCC_13.3.0-rc.1 (Ref)
4.0x5.0



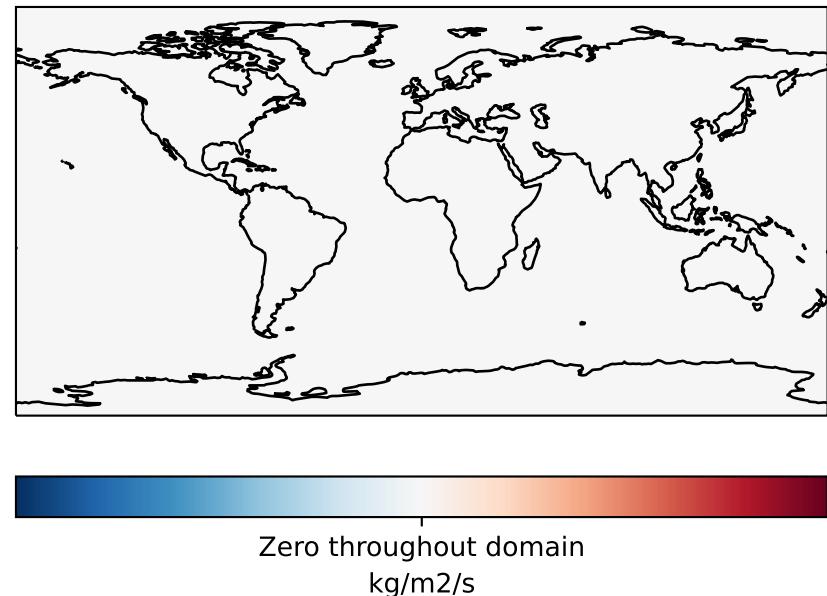
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



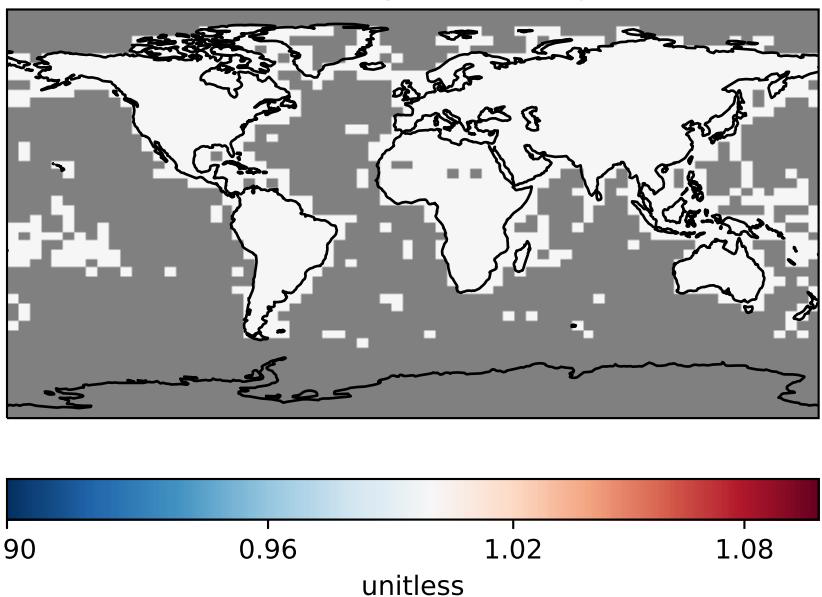
Difference
Dev - Ref, Dynamic Range



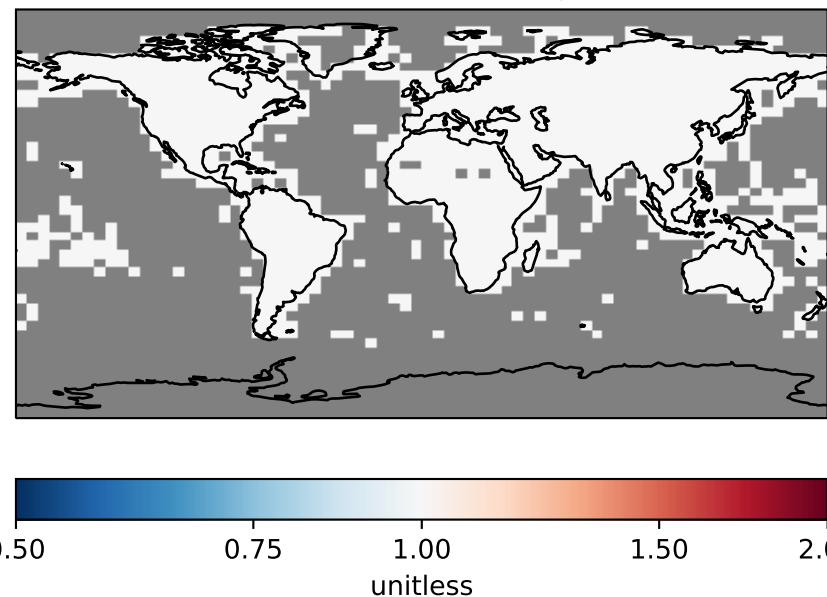
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

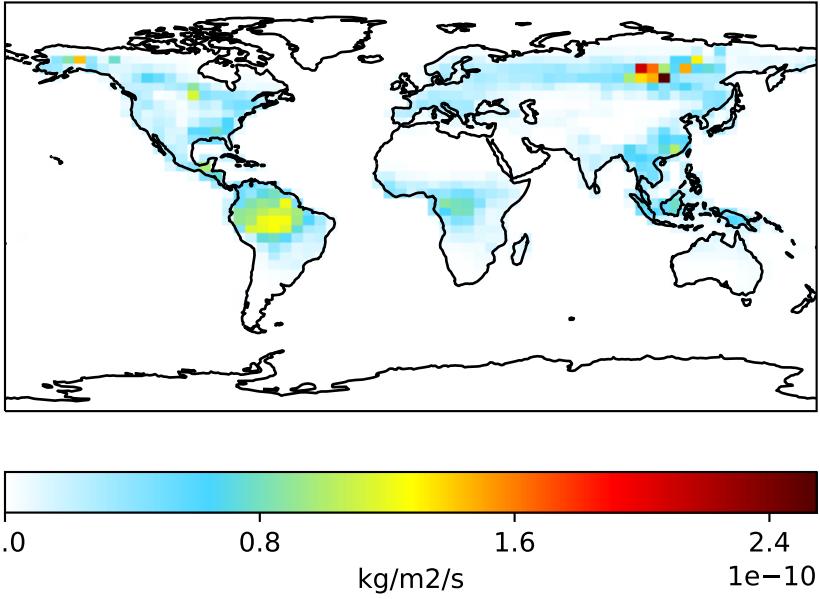


Ratio
Dev/Ref, Fixed Range

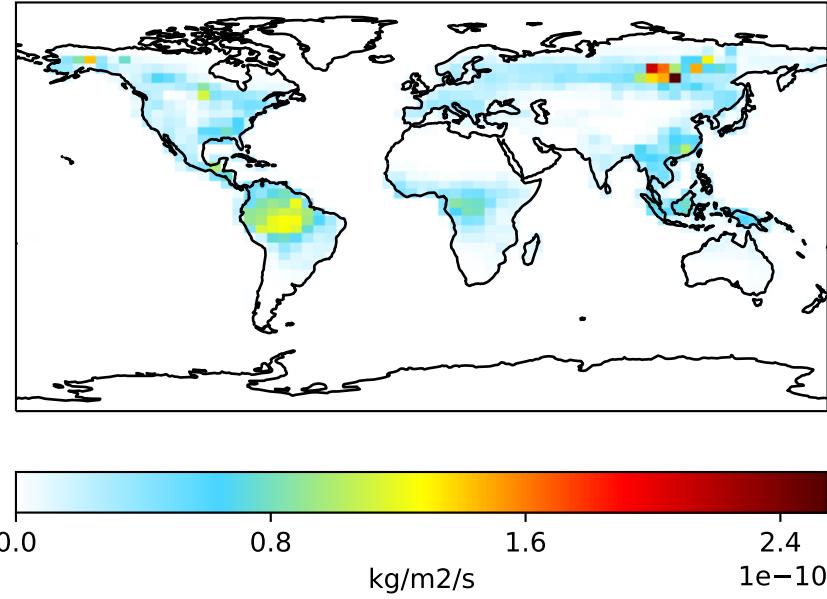


EmisMTPA_Total

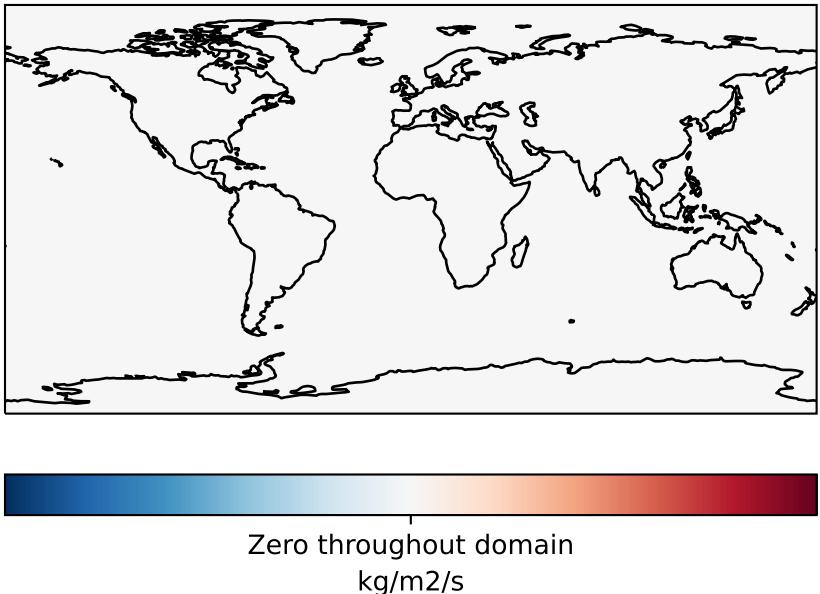
GCC_13.3.0-rc.1 (Ref)
4.0x5.0



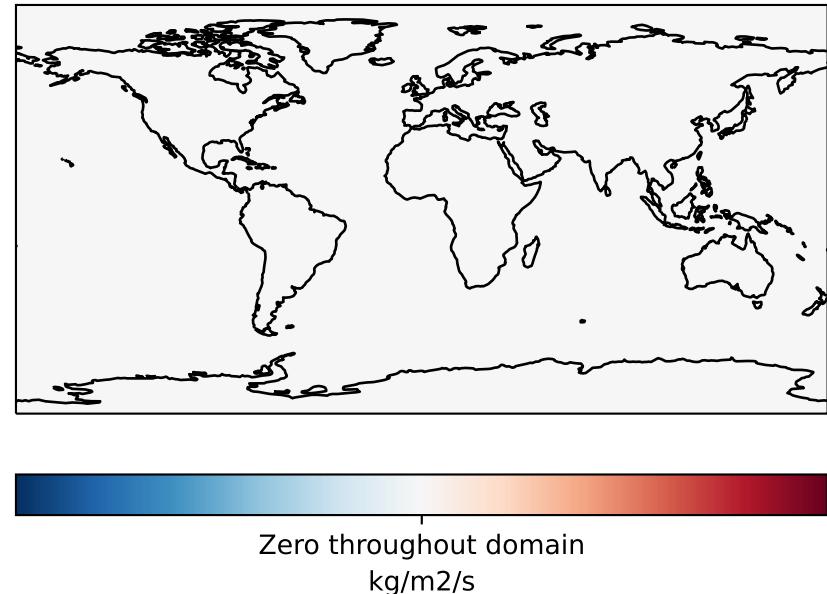
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



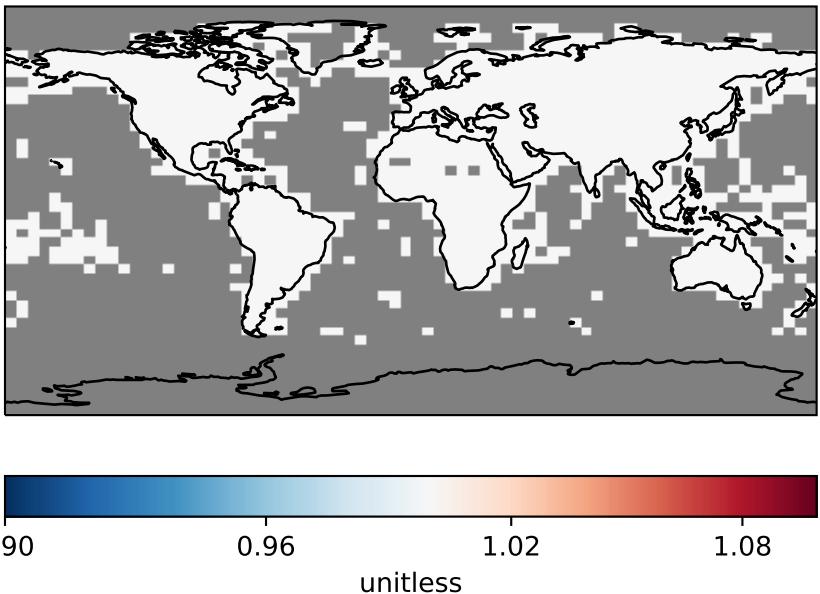
Difference
Dev - Ref, Dynamic Range



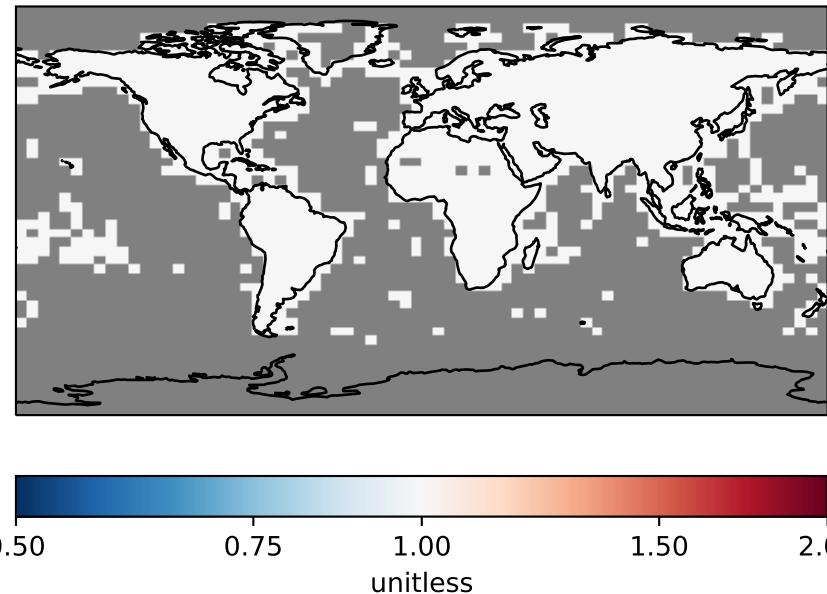
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

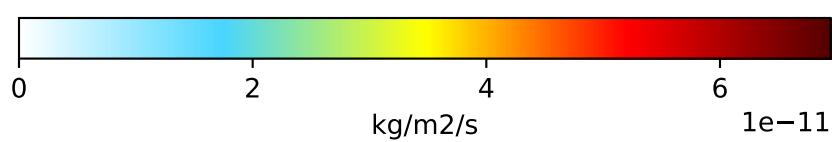
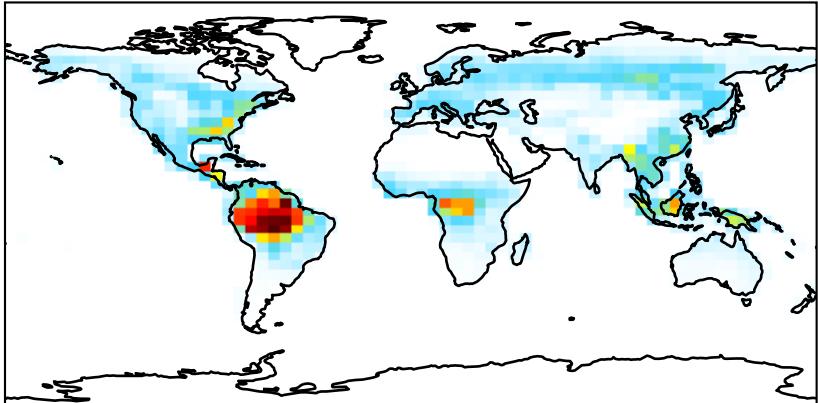


Ratio
Dev/Ref, Fixed Range

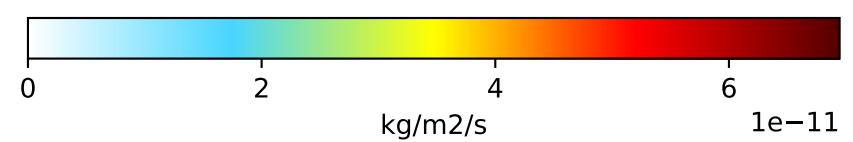
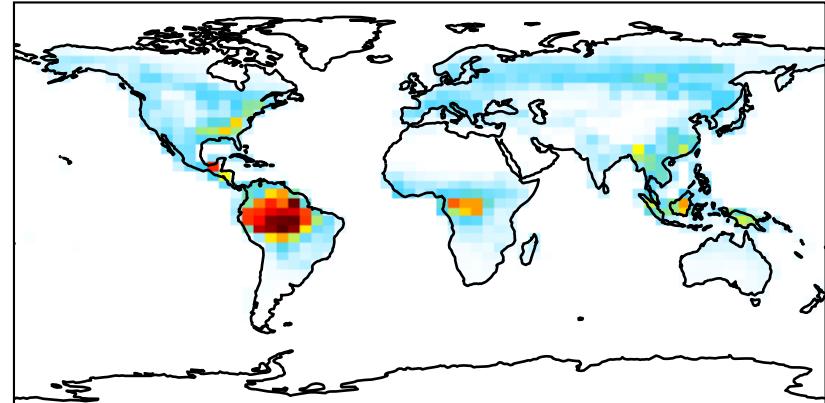


EmisMTPO_Biogenic

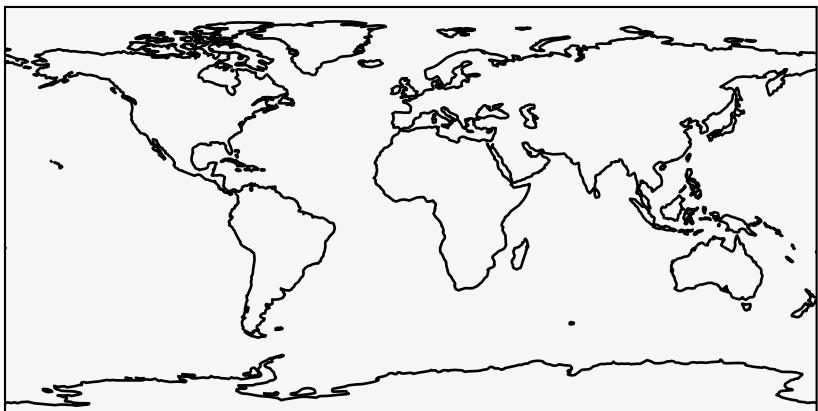
GCC_13.3.0-rc.1 (Ref)
4.0x5.0



GCC_13.4.0-rc.4 (Dev)
4.0x5.0

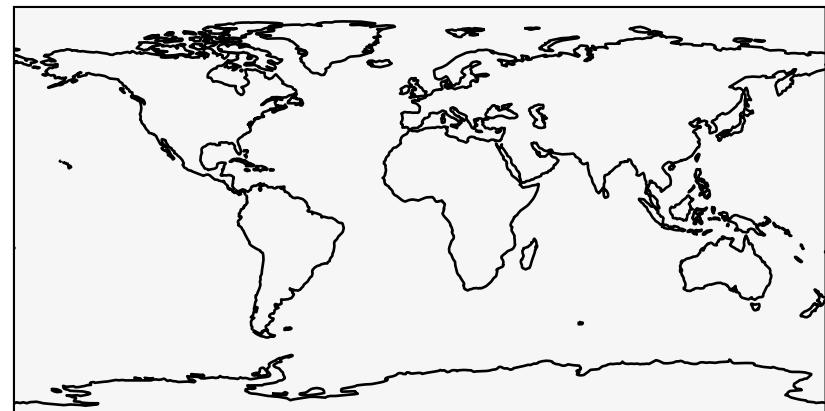


Difference
Dev - Ref, Dynamic Range



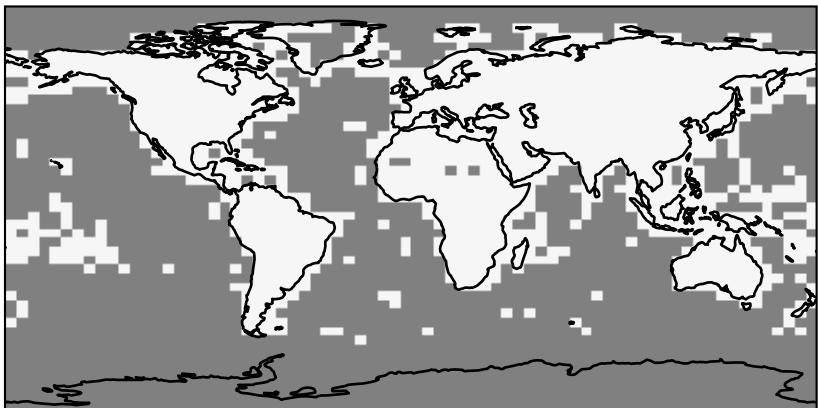
Zero throughout domain
kg/m²/s

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



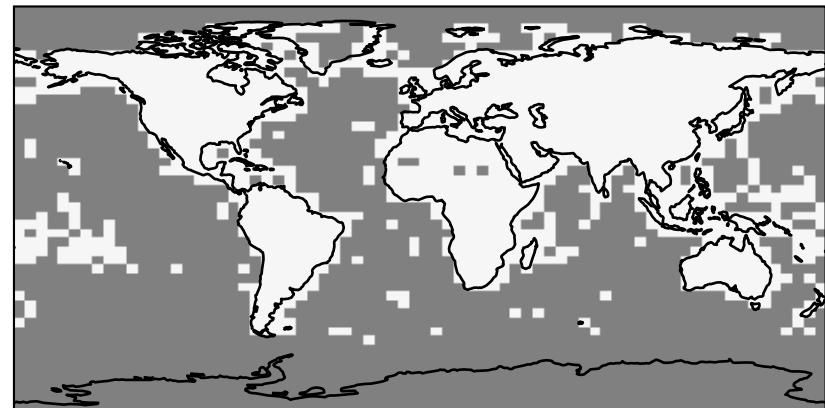
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



0.90 0.96 1.02 1.08
unitless

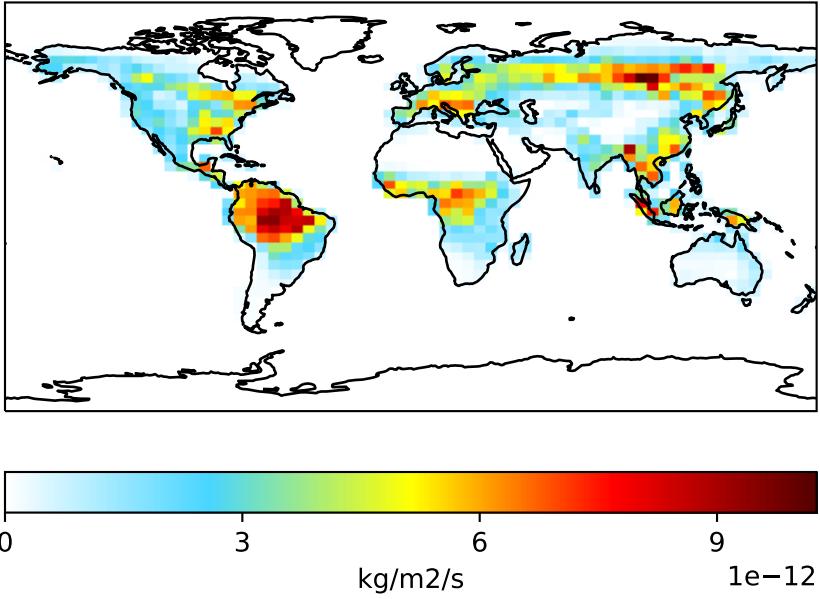
Ratio
Dev/Ref, Fixed Range



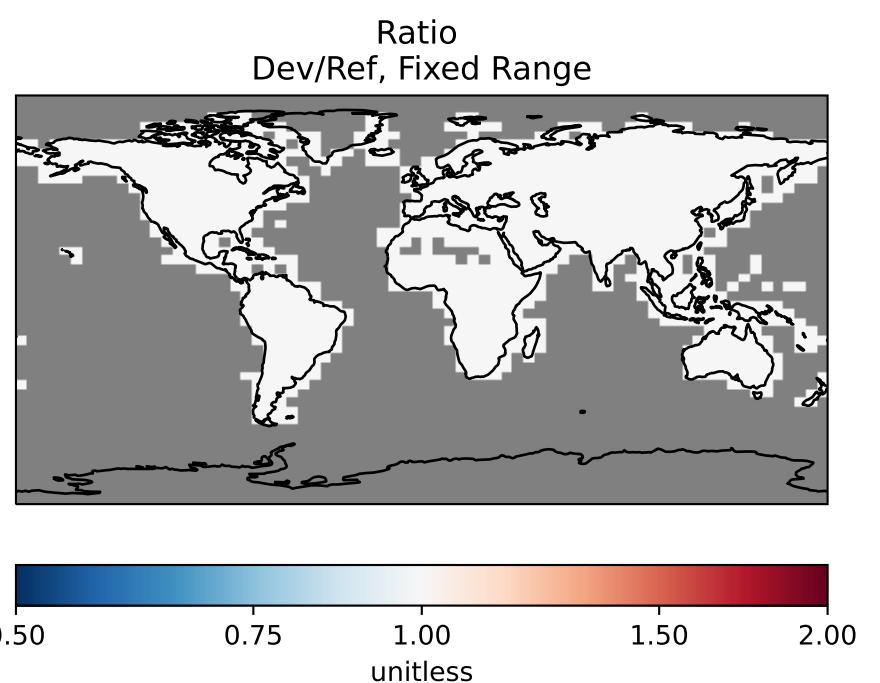
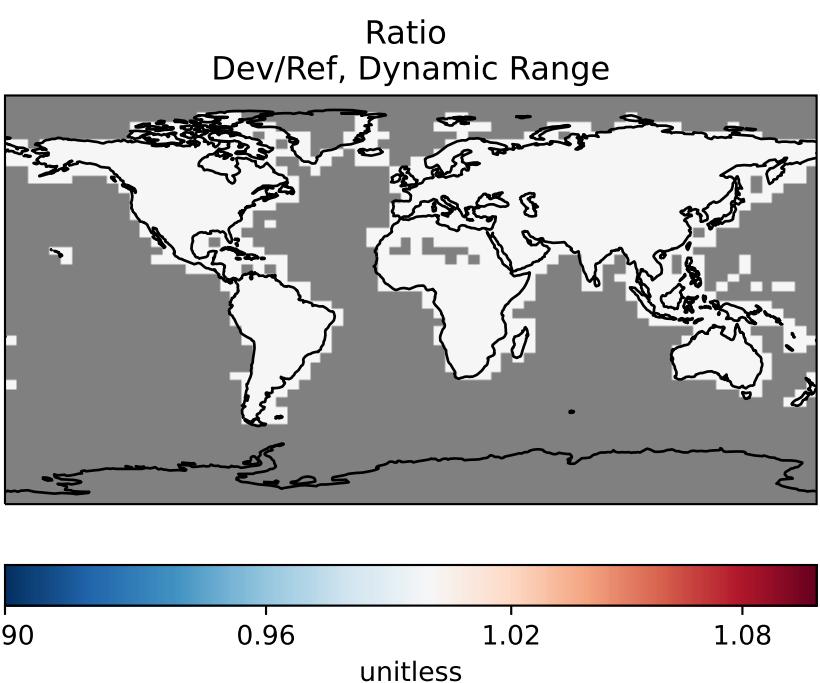
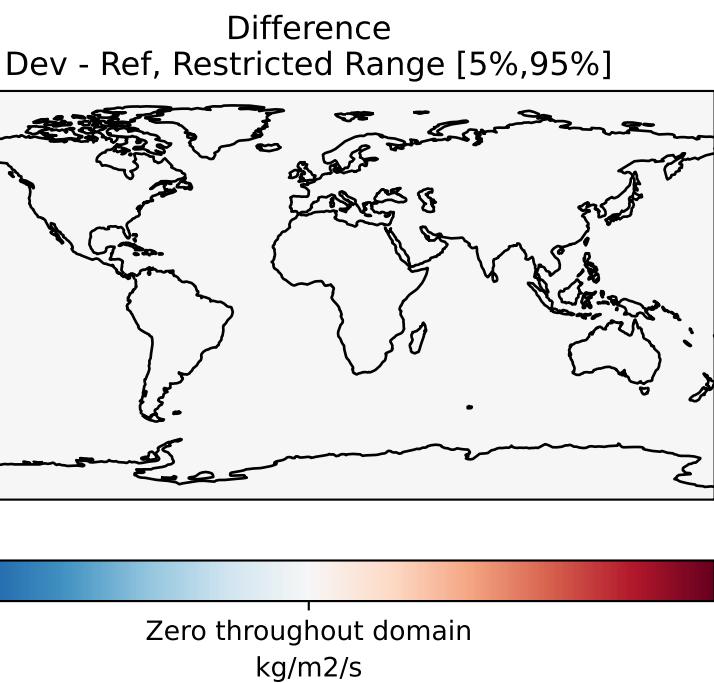
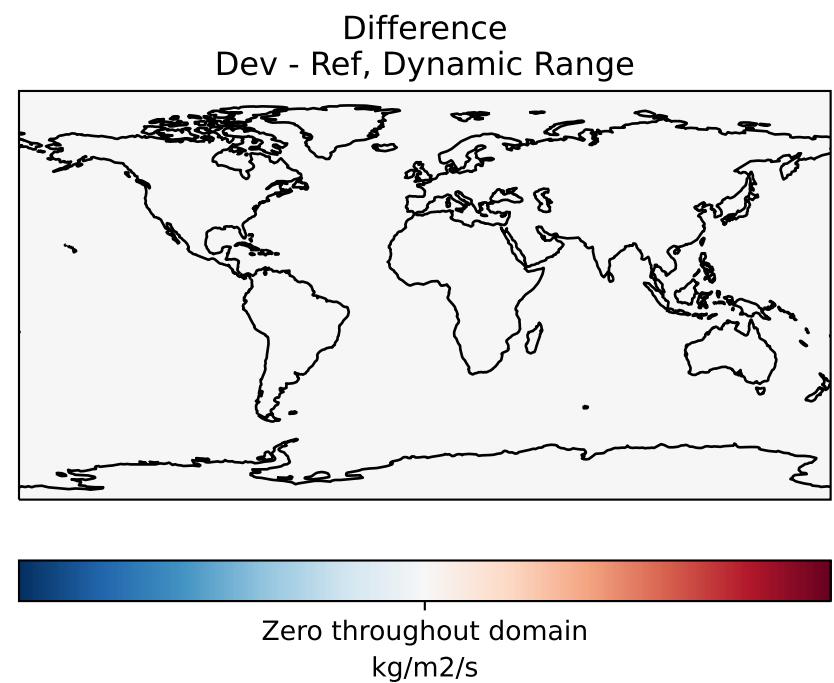
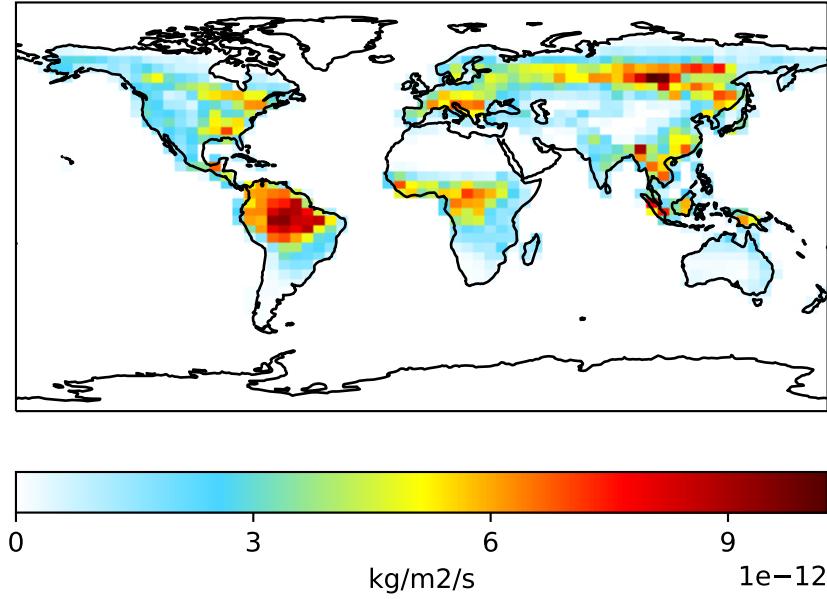
0.50 0.75 1.00 1.50 2.00
unitless

EmisLIMO_Biogenic

GCC_13.3.0-rc.1 (Ref)
4.0x5.0

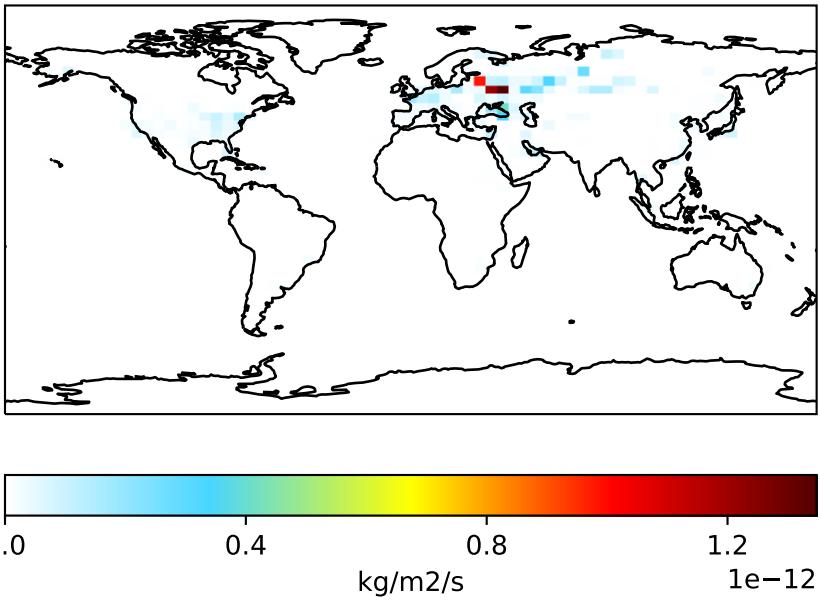


GCC_13.4.0-rc.4 (Dev)
4.0x5.0

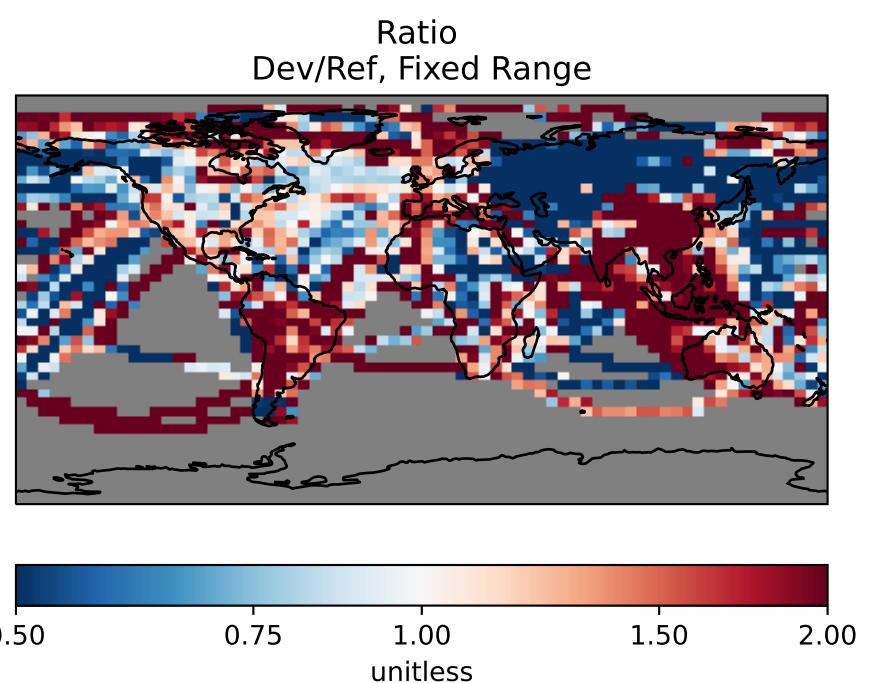
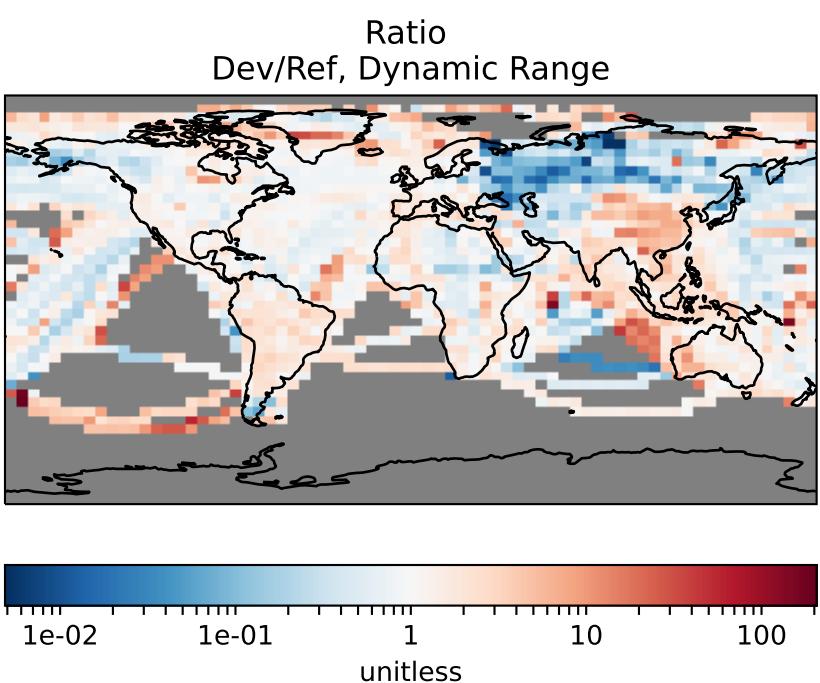
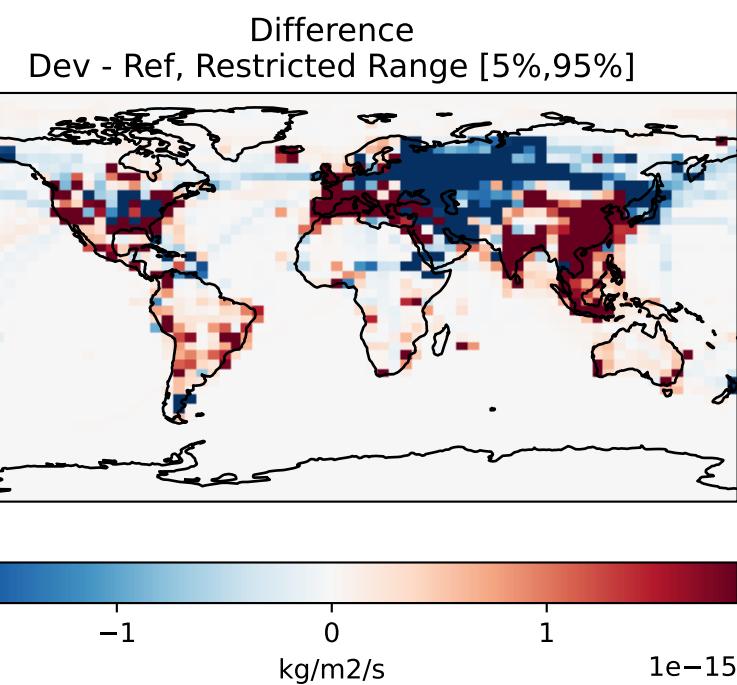
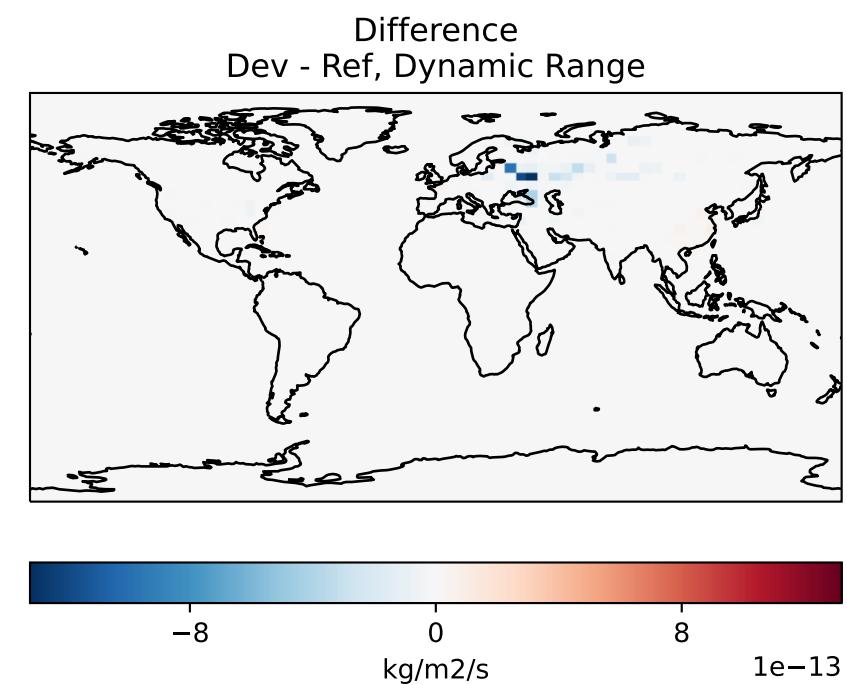
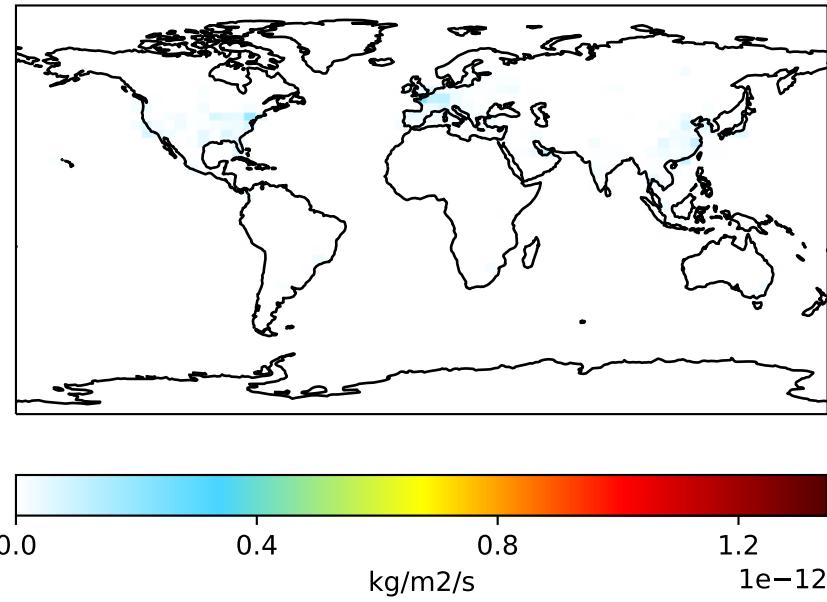


EmisALK4_Aircraft

GCC_13.3.0-rc.1 (Ref)
4.0x5.0

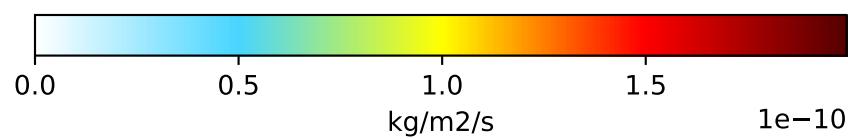
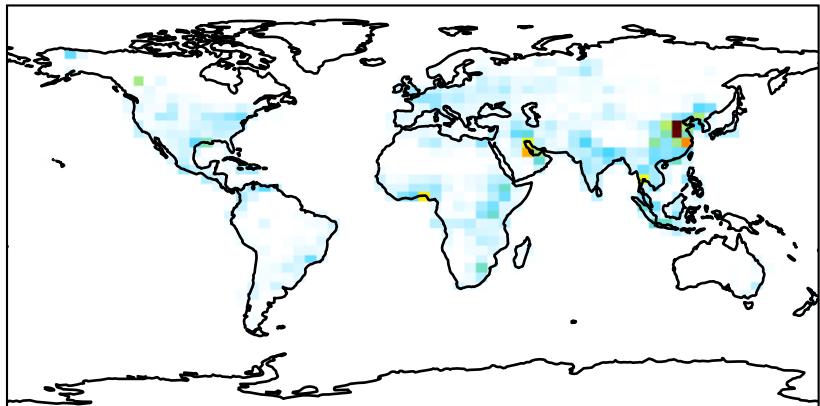


GCC_13.4.0-rc.4 (Dev)
4.0x5.0

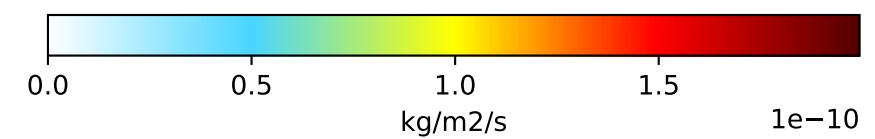
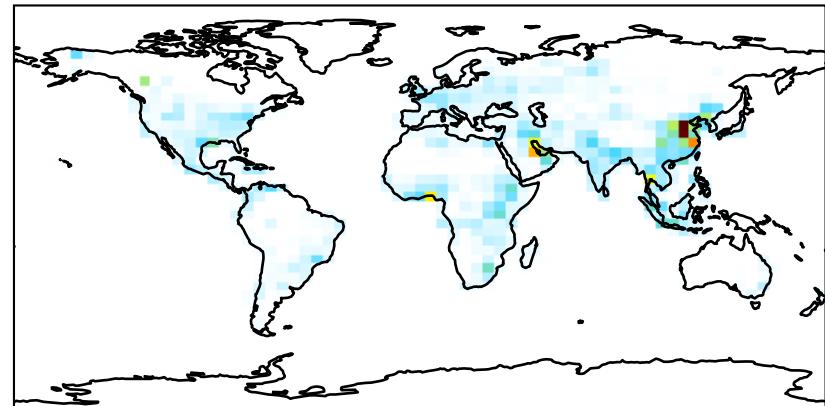


EmisALK4_Anthro

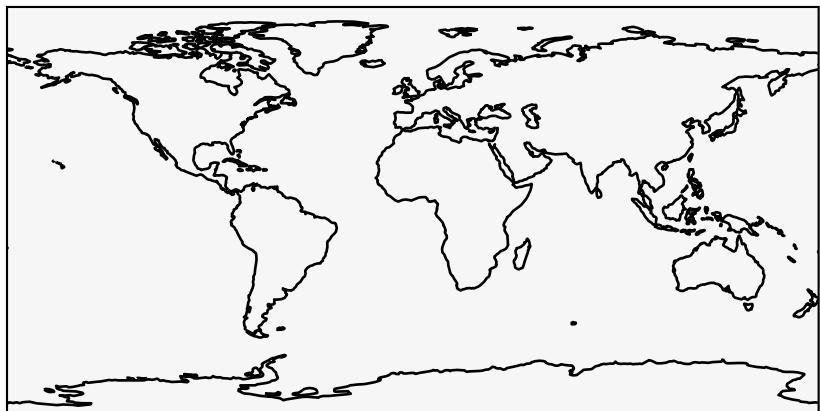
GCC_13.3.0-rc.1 (Ref)
4.0x5.0



GCC_13.4.0-rc.4 (Dev)
4.0x5.0

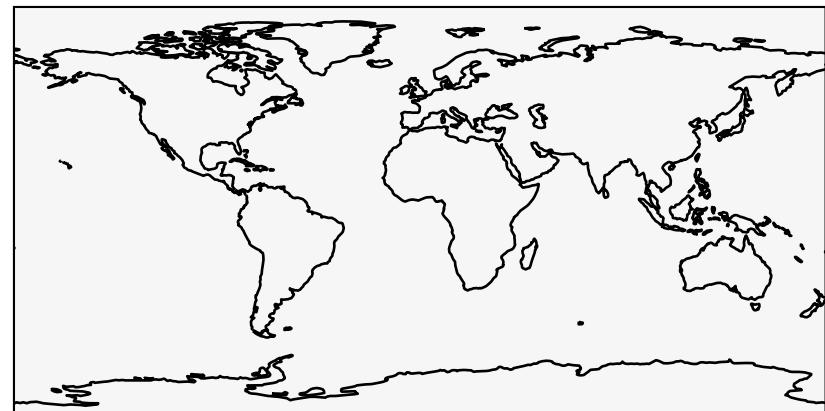


Difference
Dev - Ref, Dynamic Range



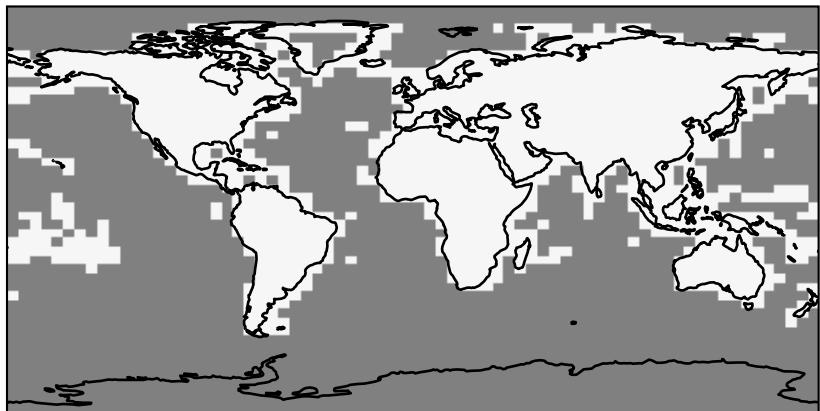
Zero throughout domain
kg/m²/s

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



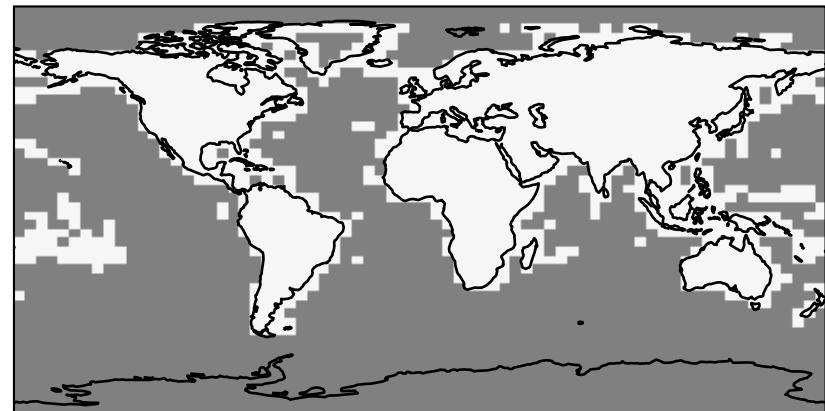
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



0.90 0.96 1.02 1.08
unitless

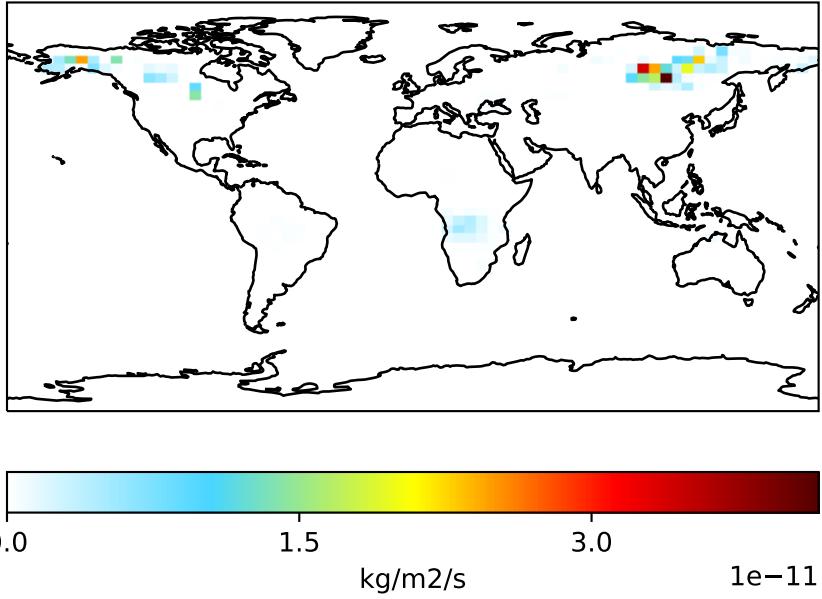
Ratio
Dev/Ref, Fixed Range



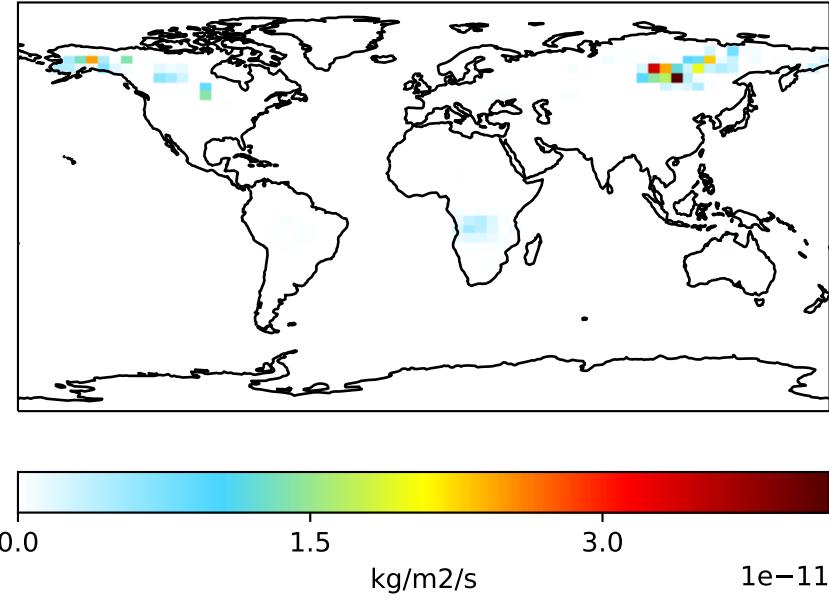
0.50 0.75 1.00 1.50 2.00
unitless

EmisALK4_BioBurn

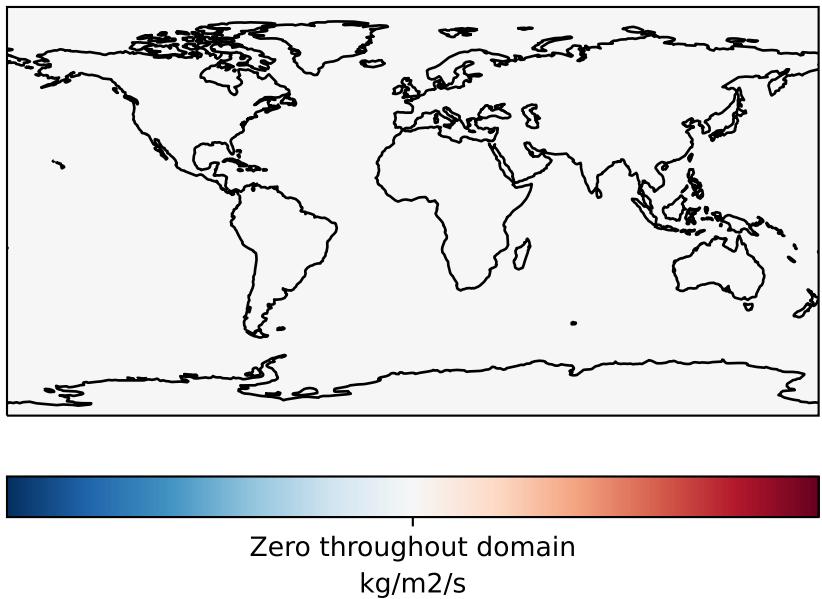
GCC_13.3.0-rc.1 (Ref)
4.0x5.0



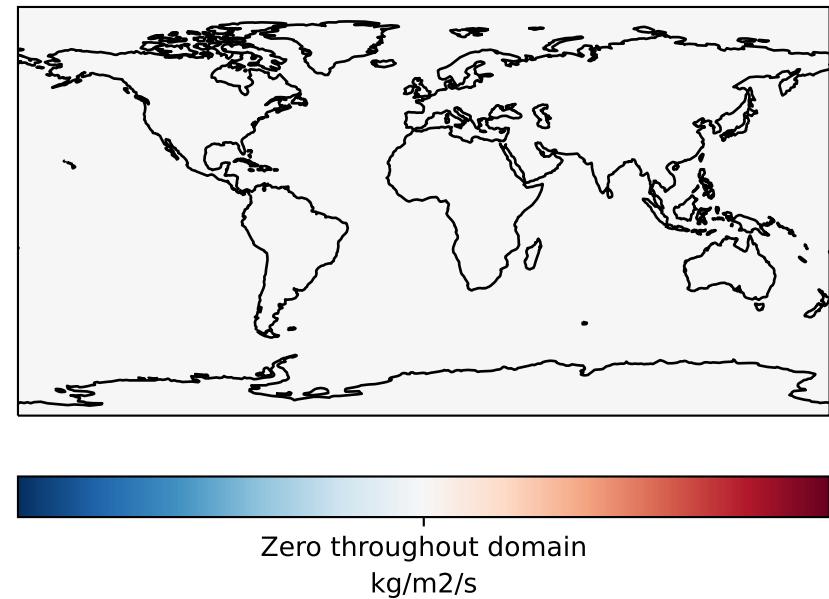
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



Difference
Dev - Ref, Dynamic Range



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



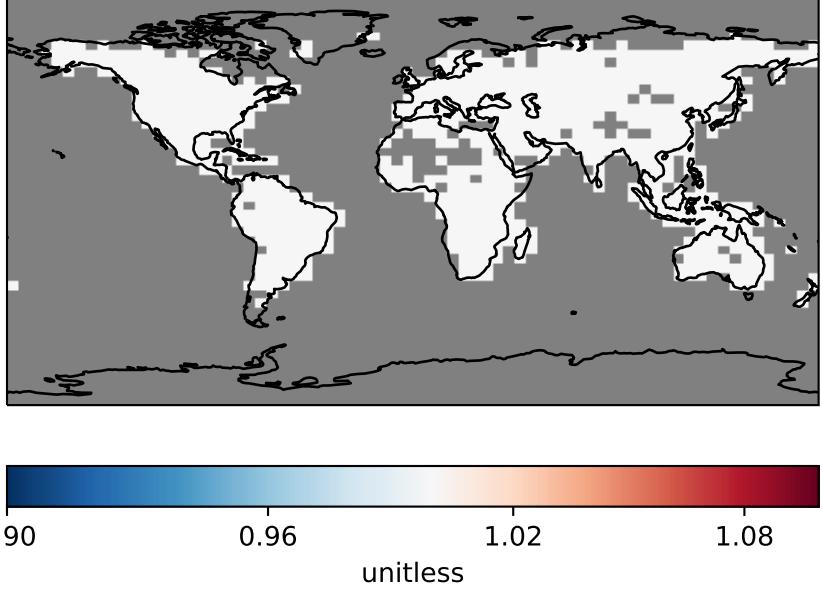
Zero throughout domain

kg/m²/s

Zero throughout domain

kg/m²/s

Ratio
Dev/Ref, Dynamic Range



0.90

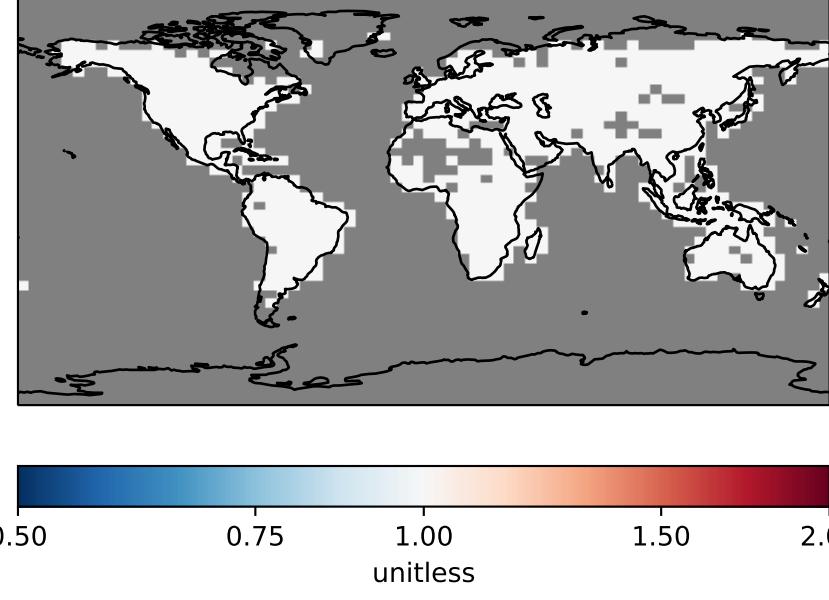
0.96

1.02

1.08

unitless

Ratio
Dev/Ref, Fixed Range



0.50

0.75

1.00

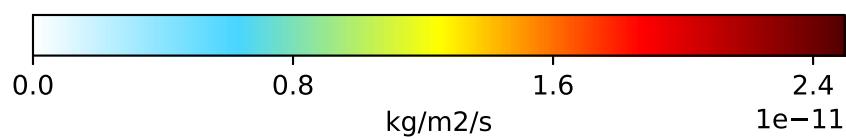
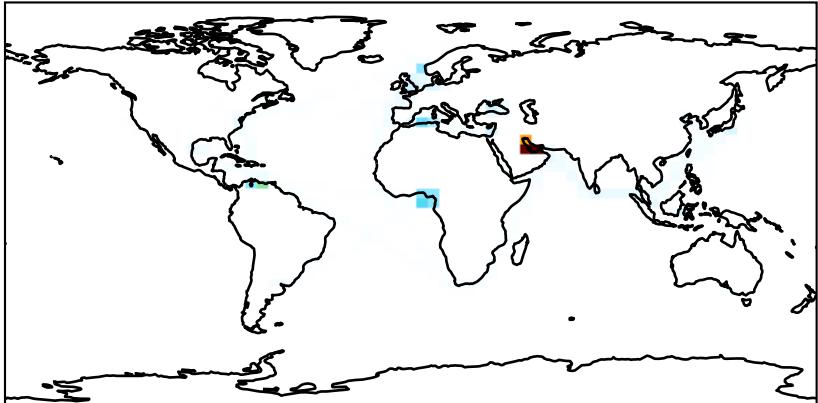
1.50

2.00

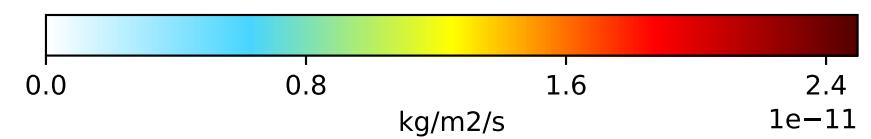
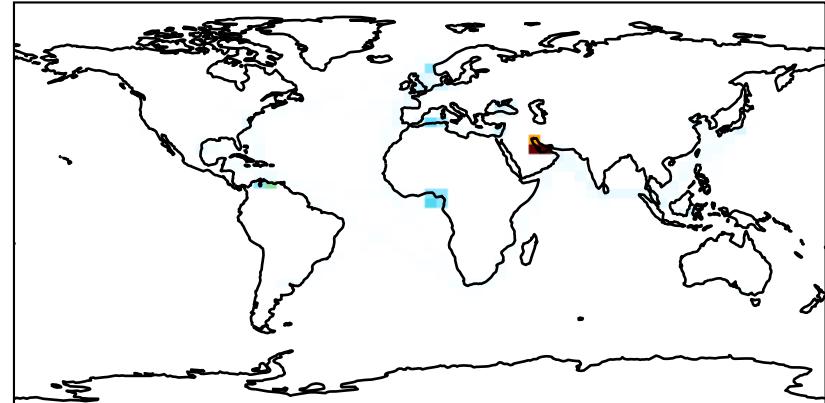
unitless

EmisALK4_Ship

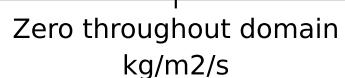
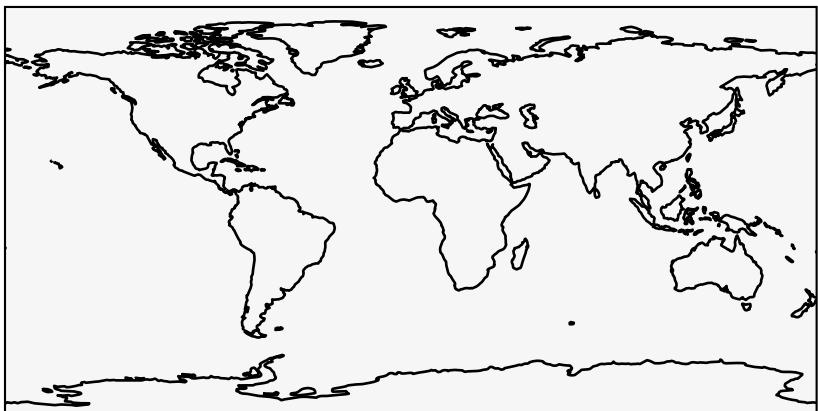
GCC_13.3.0-rc.1 (Ref)
4.0x5.0



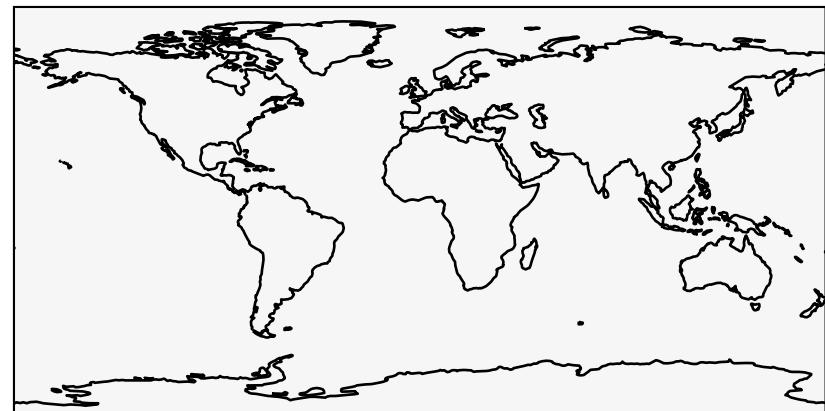
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



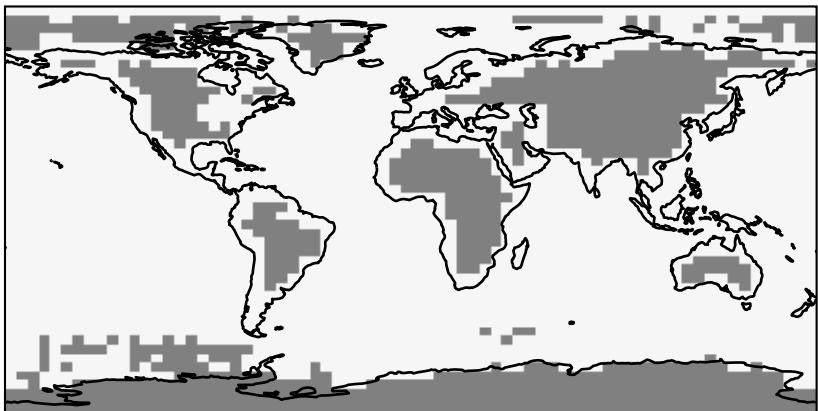
Difference
Dev - Ref, Dynamic Range



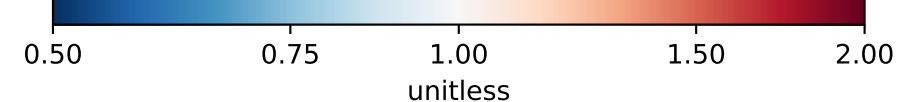
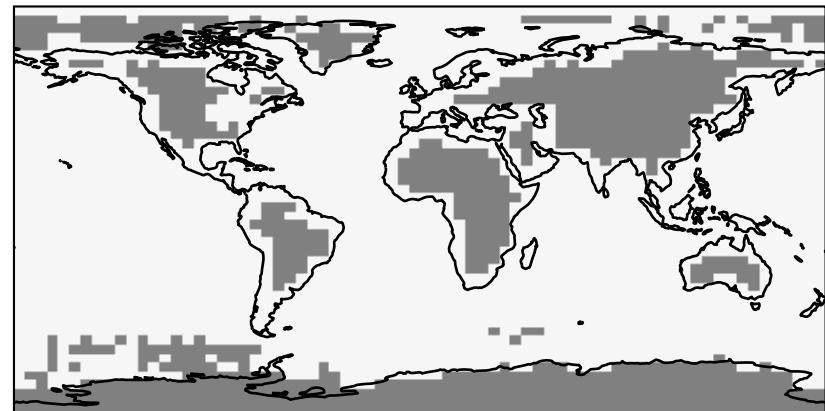
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

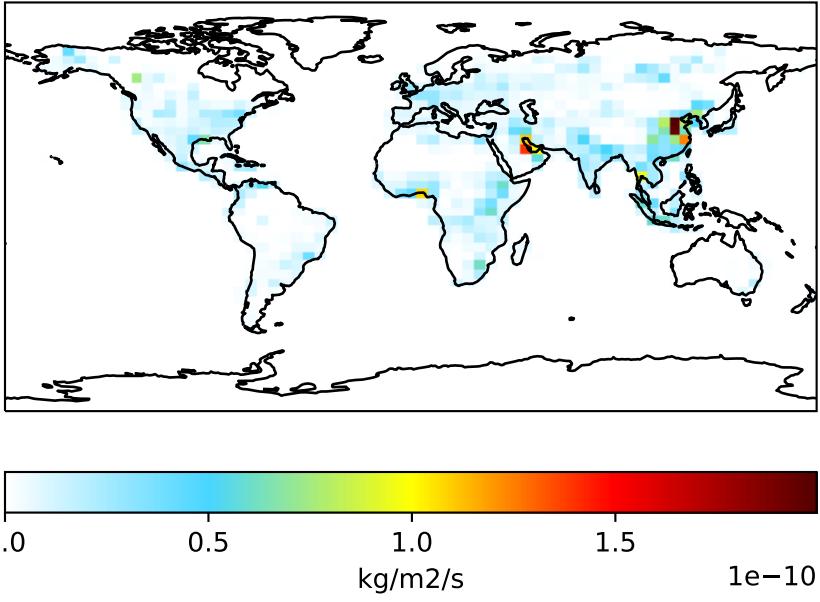


Ratio
Dev/Ref, Fixed Range

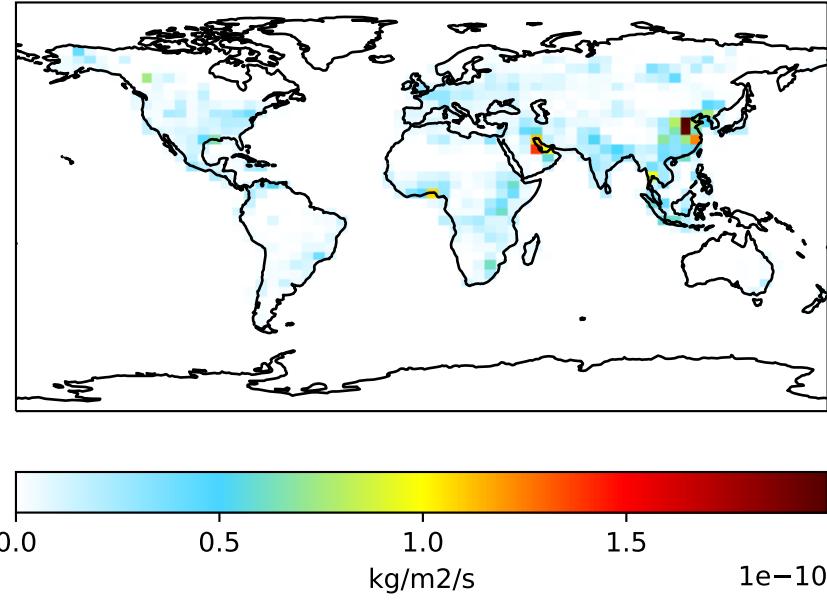


EmisALK4_Total

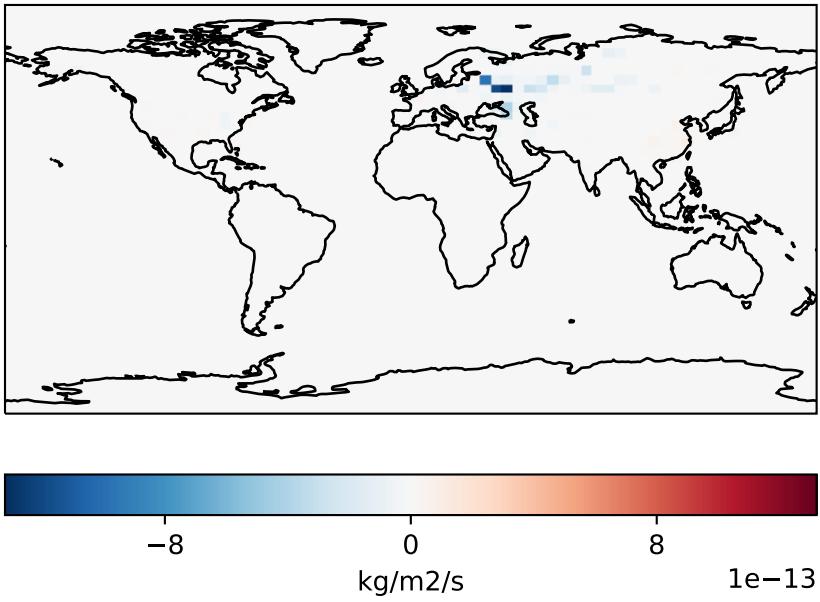
GCC_13.3.0-rc.1 (Ref)
4.0x5.0



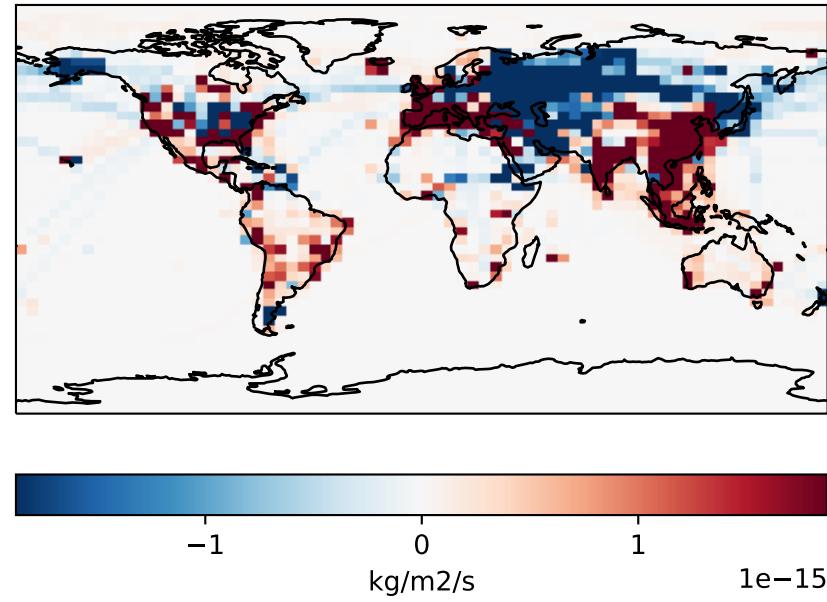
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



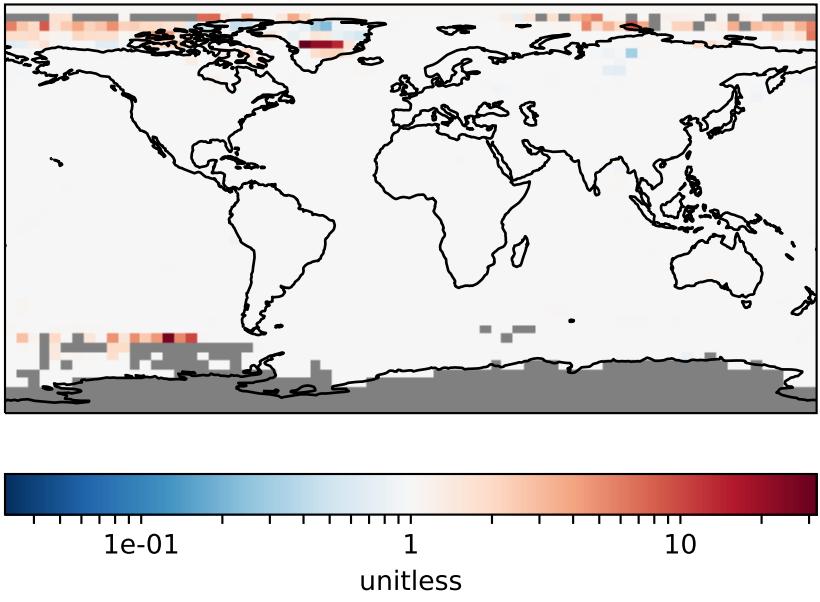
Difference
Dev - Ref, Dynamic Range



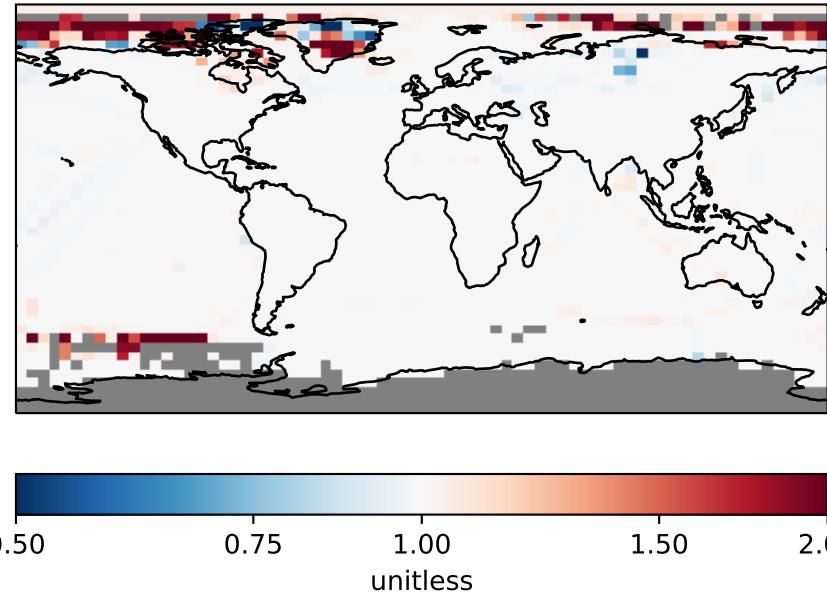
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

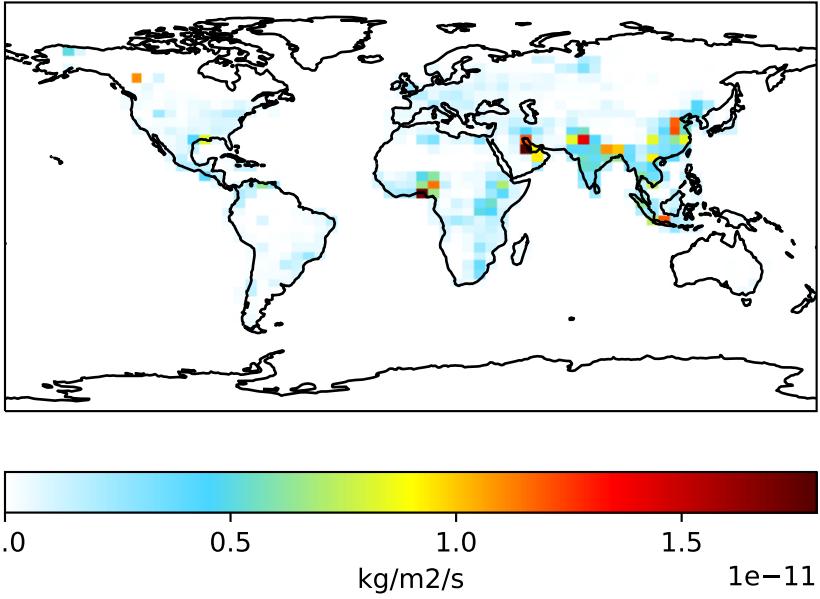


Ratio
Dev/Ref, Fixed Range

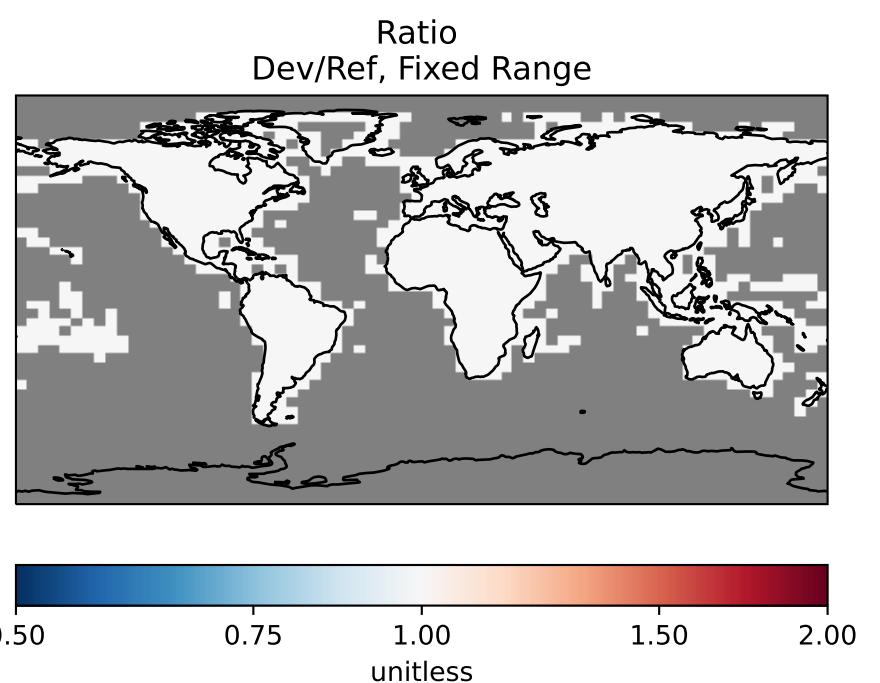
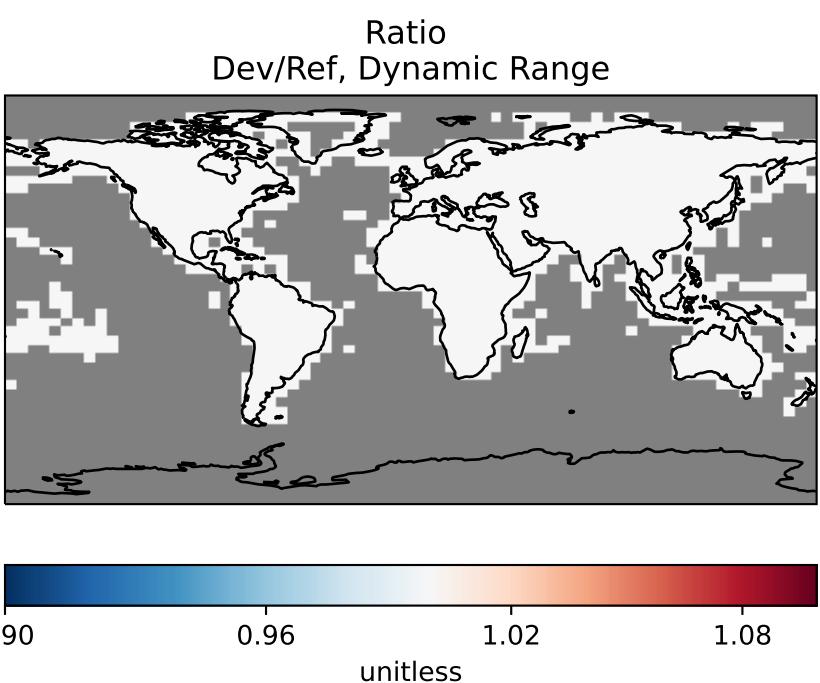
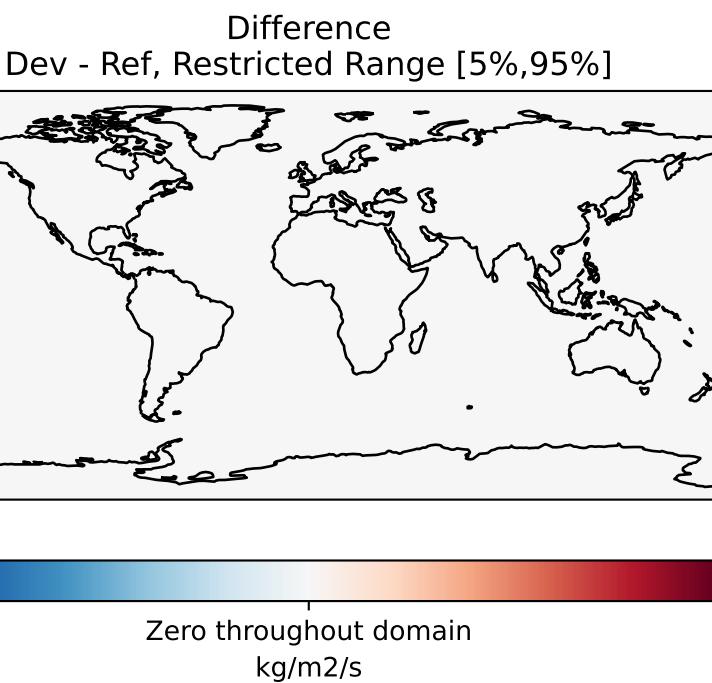
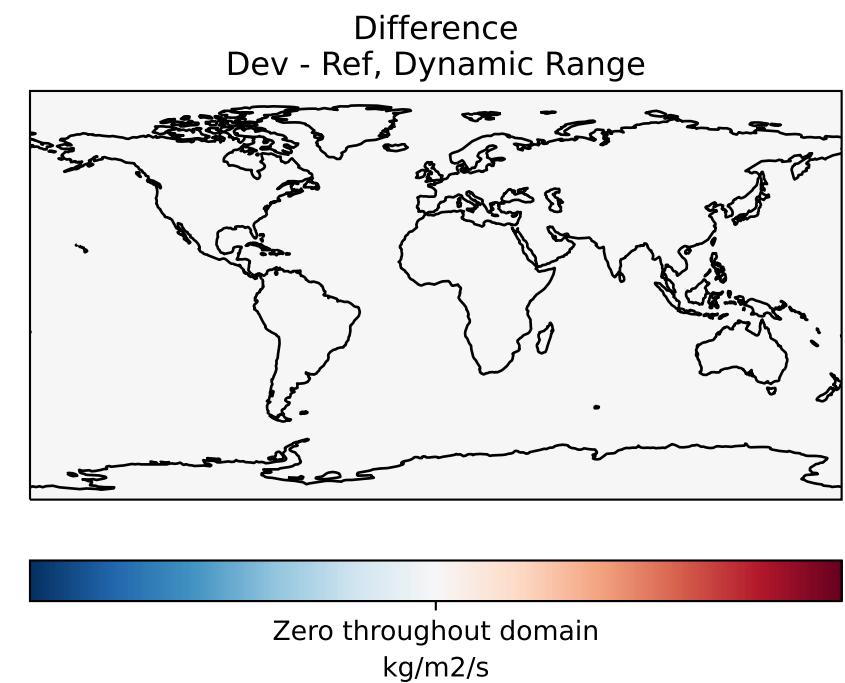
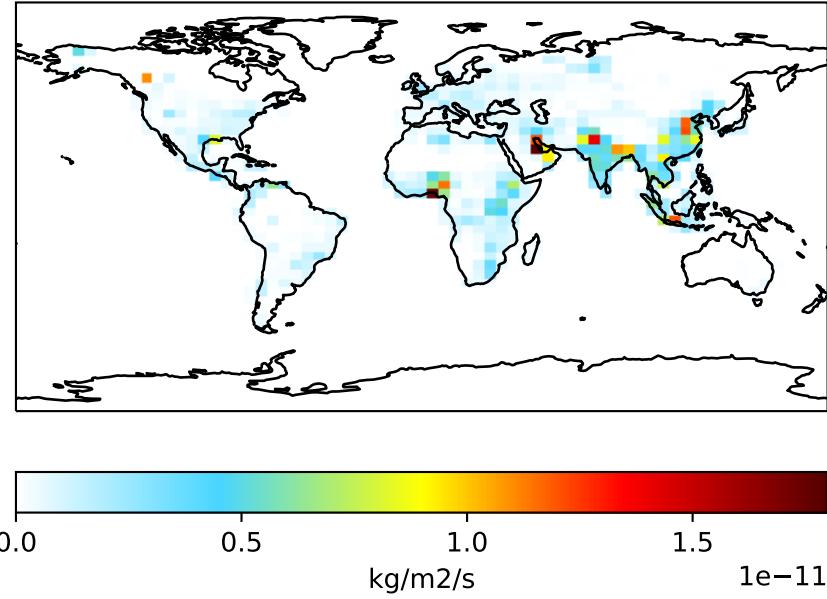


EmisBENZ_Anthro

GCC_13.3.0-rc.1 (Ref)
4.0x5.0

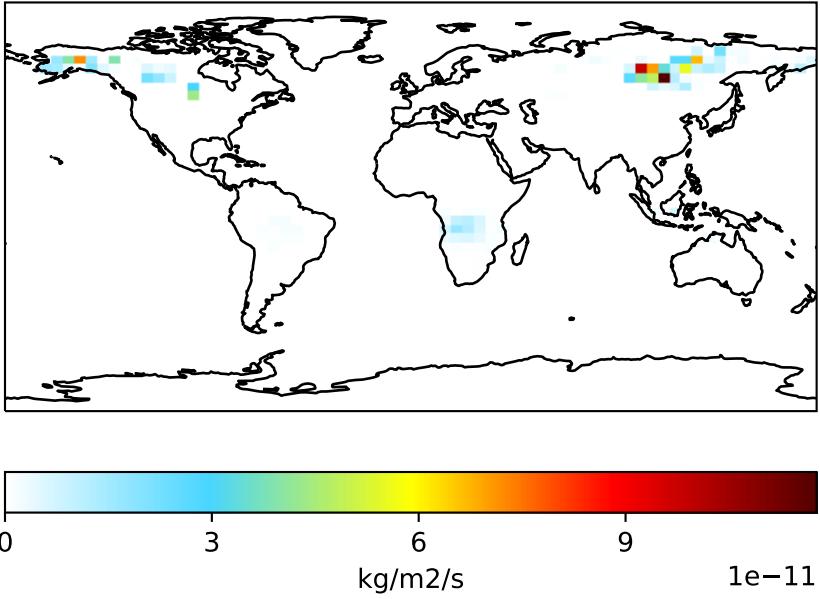


GCC_13.4.0-rc.4 (Dev)
4.0x5.0

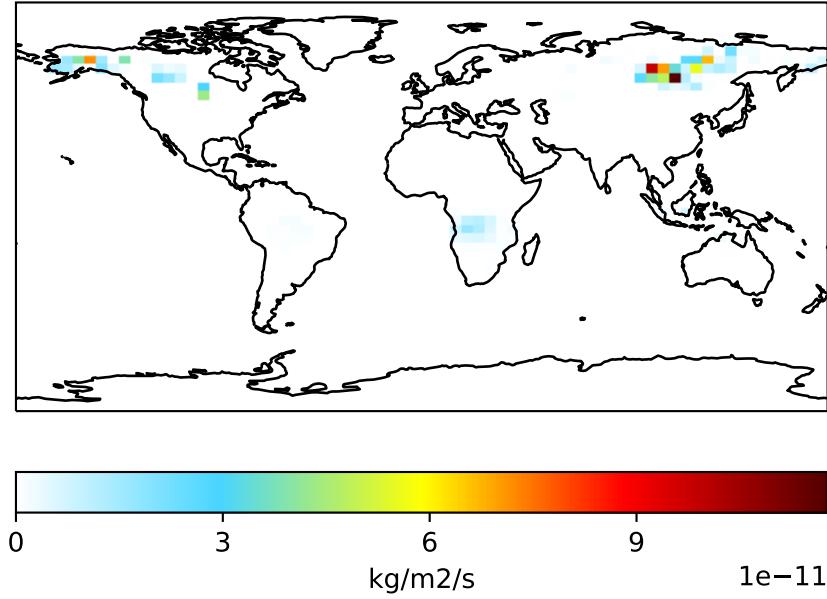


EmisBENZ_BioBurn

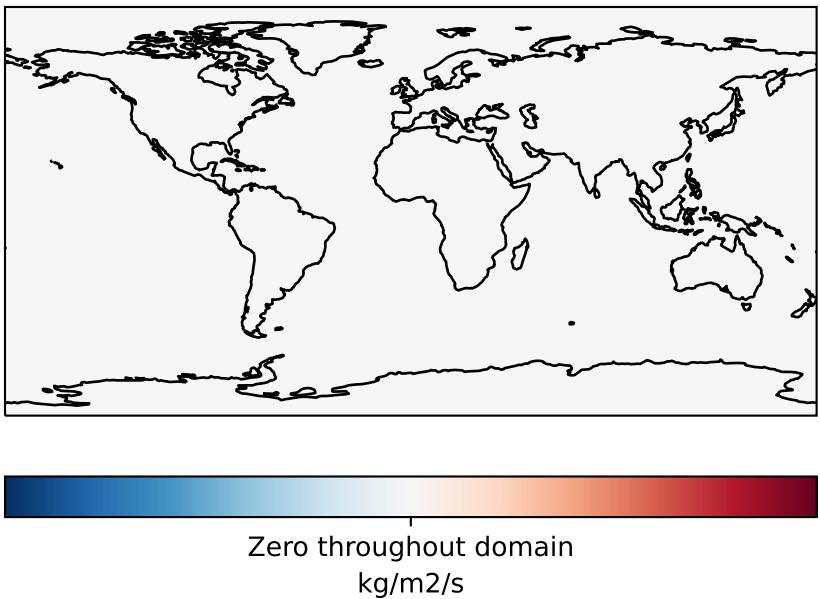
GCC_13.3.0-rc.1 (Ref)
4.0x5.0



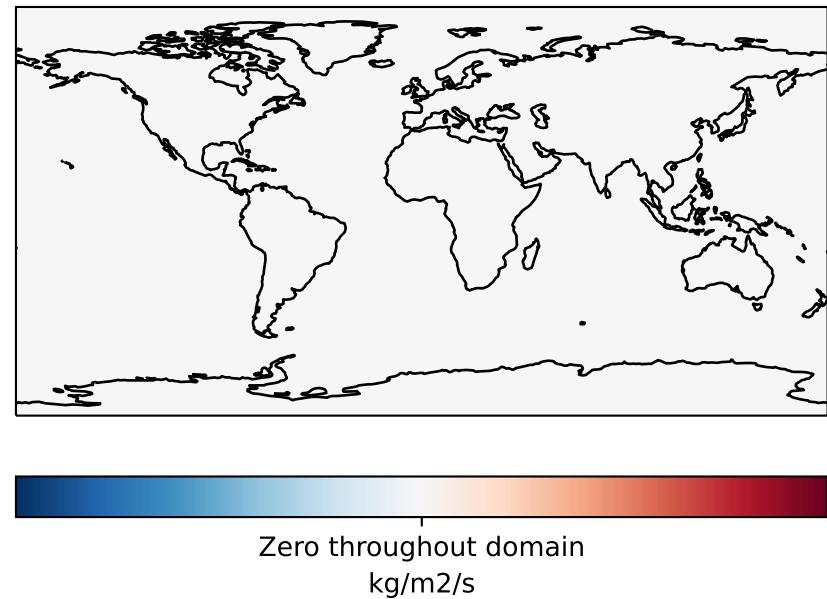
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



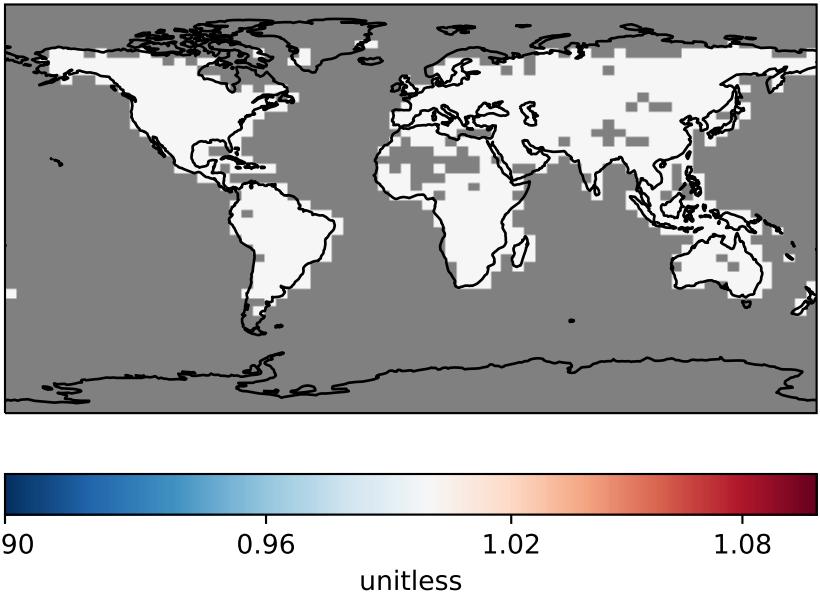
Difference
Dev - Ref, Dynamic Range



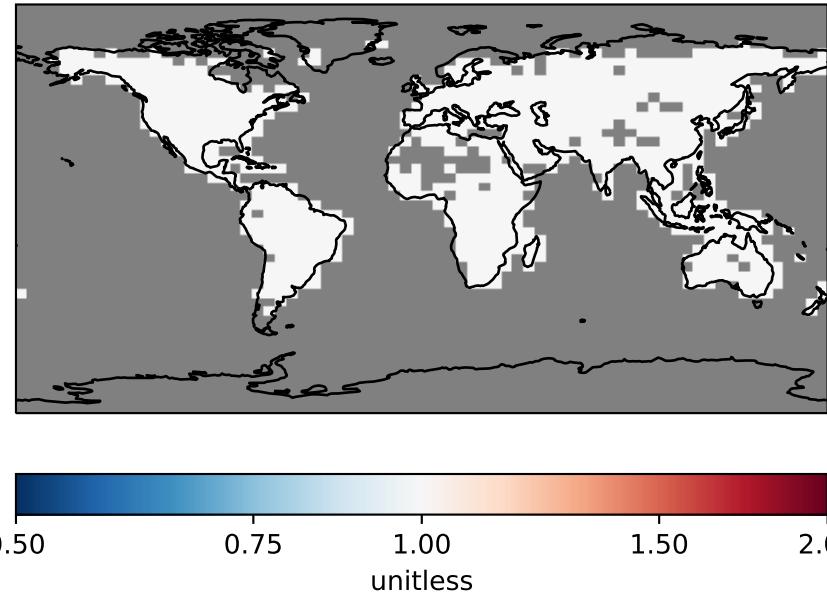
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

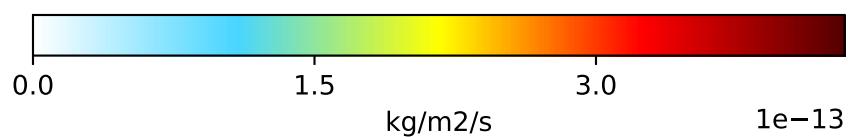
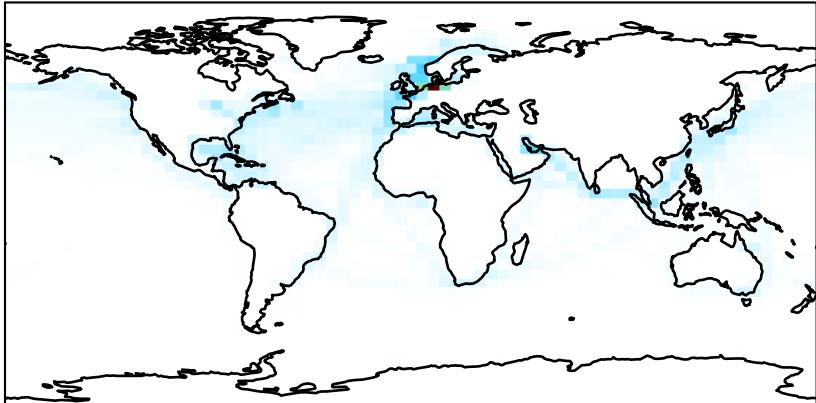


Ratio
Dev/Ref, Fixed Range

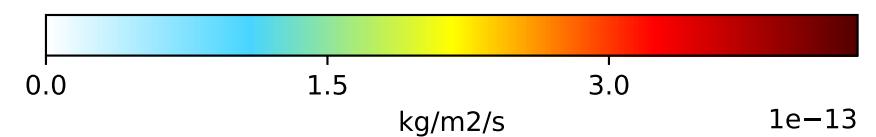
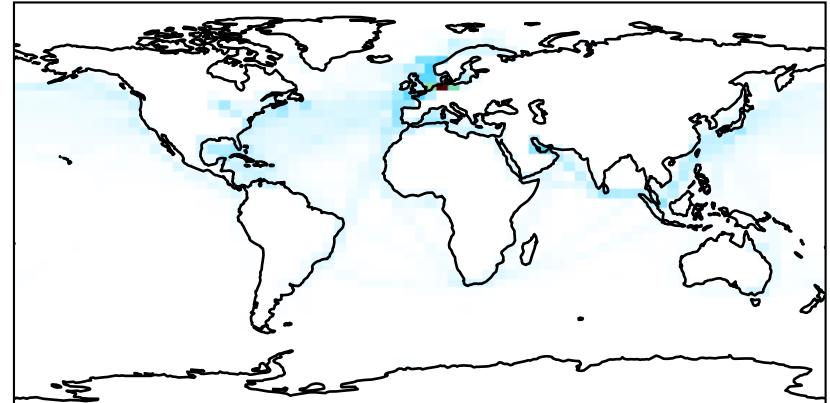


EmisBENZ_Ship

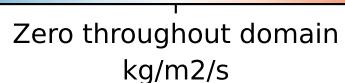
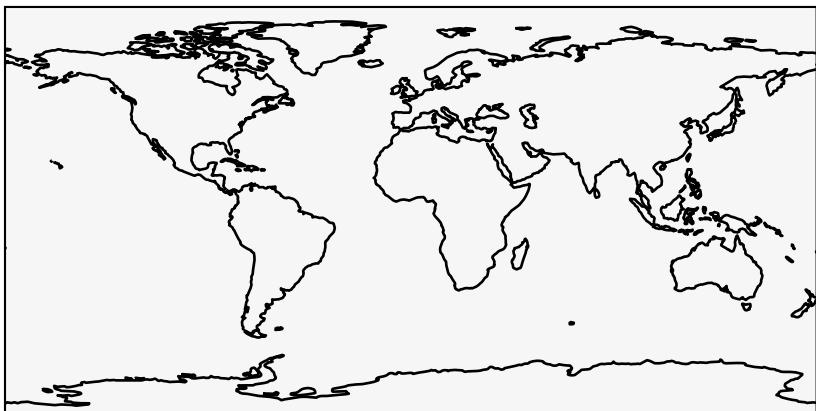
GCC_13.3.0-rc.1 (Ref)
4.0x5.0



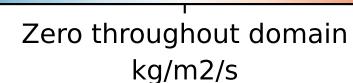
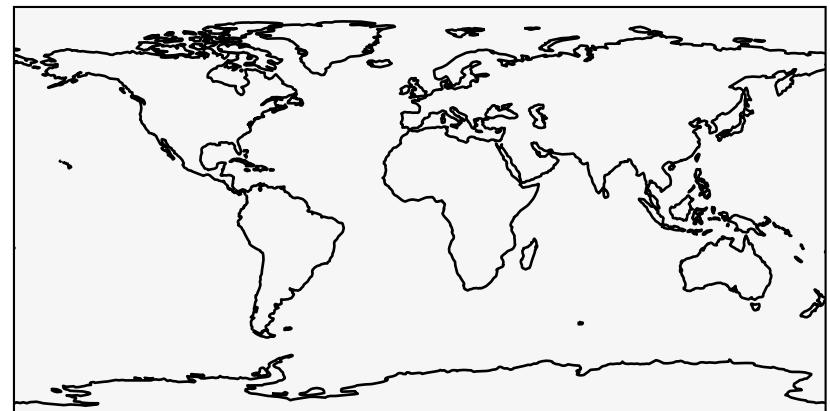
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



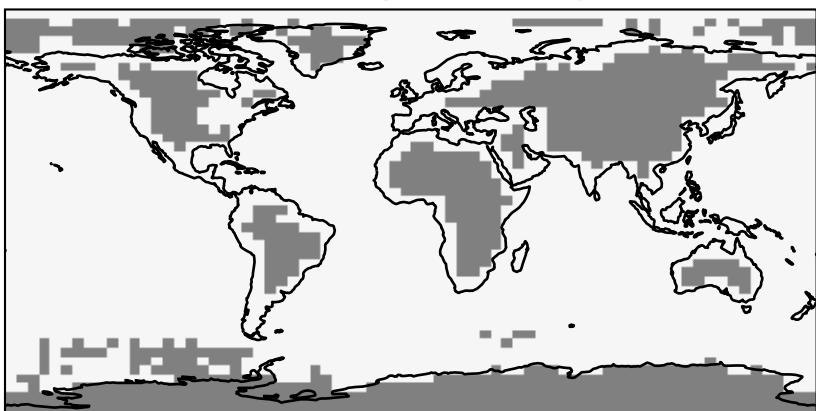
Difference
Dev - Ref, Dynamic Range



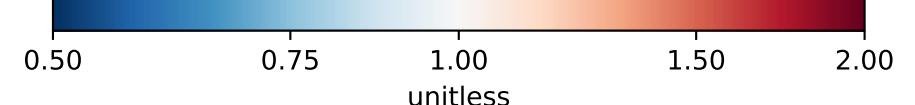
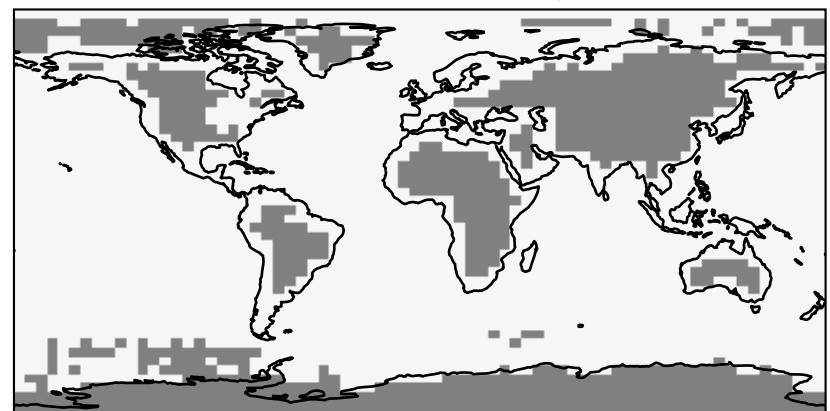
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

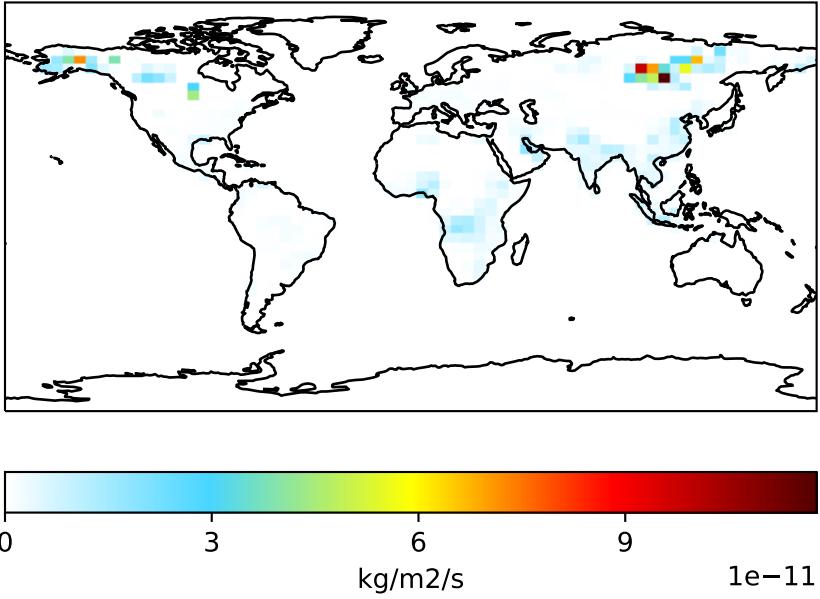


Ratio
Dev/Ref, Fixed Range

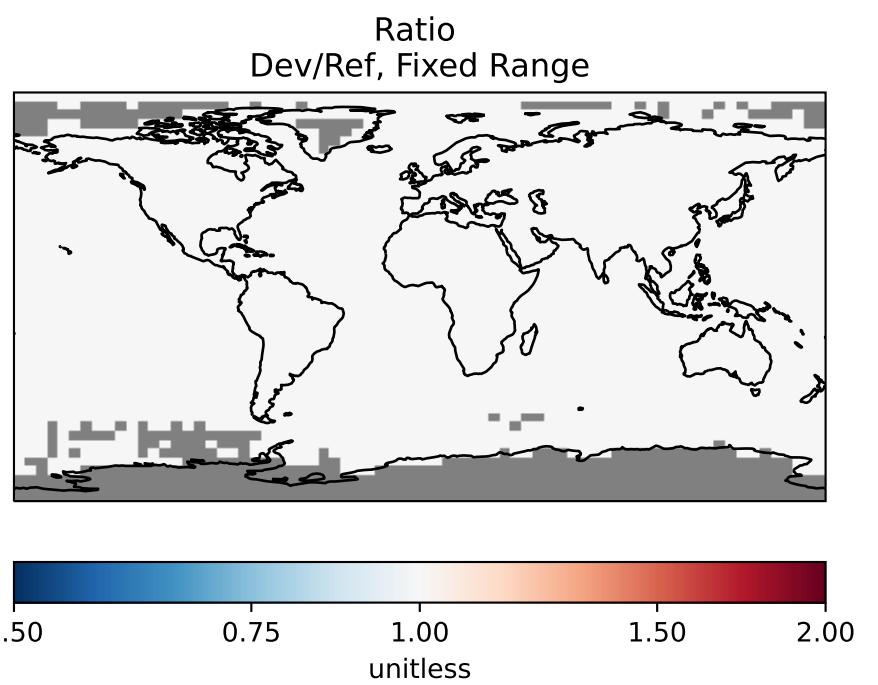
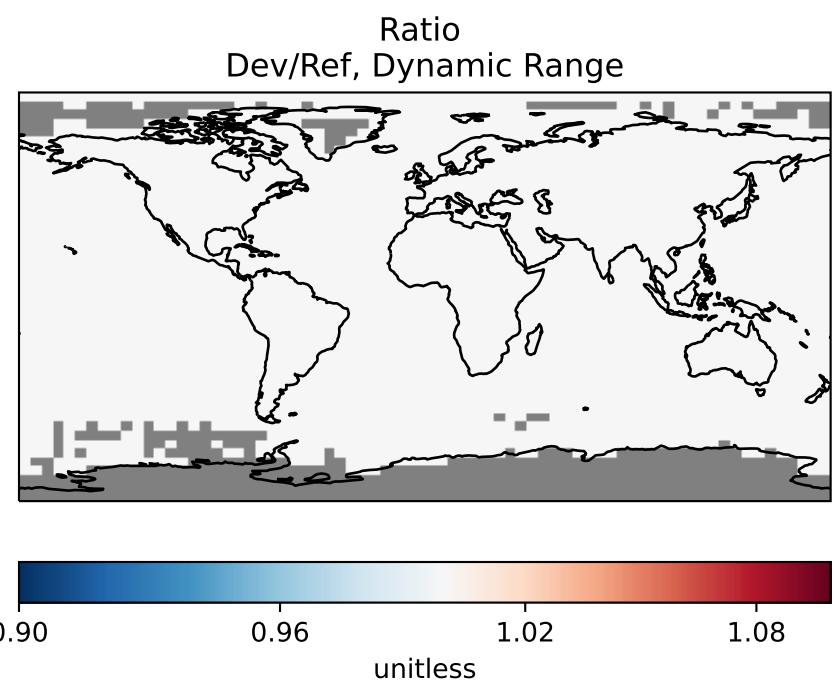
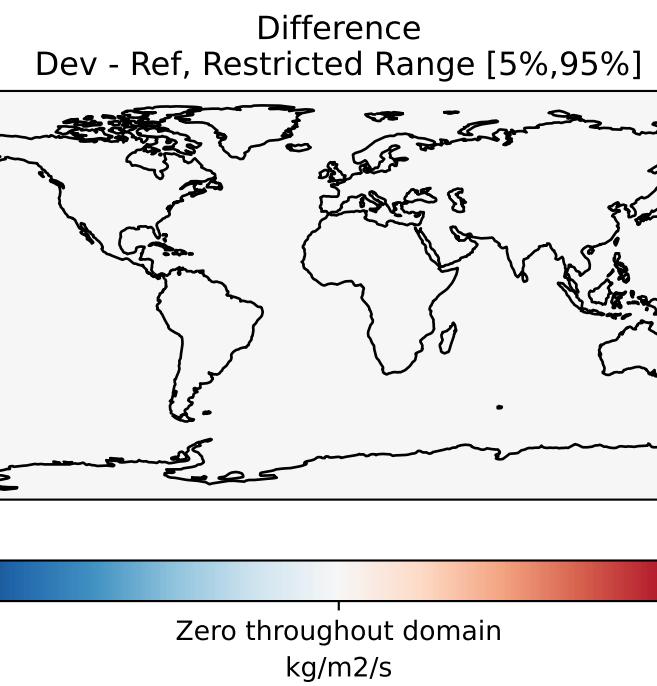
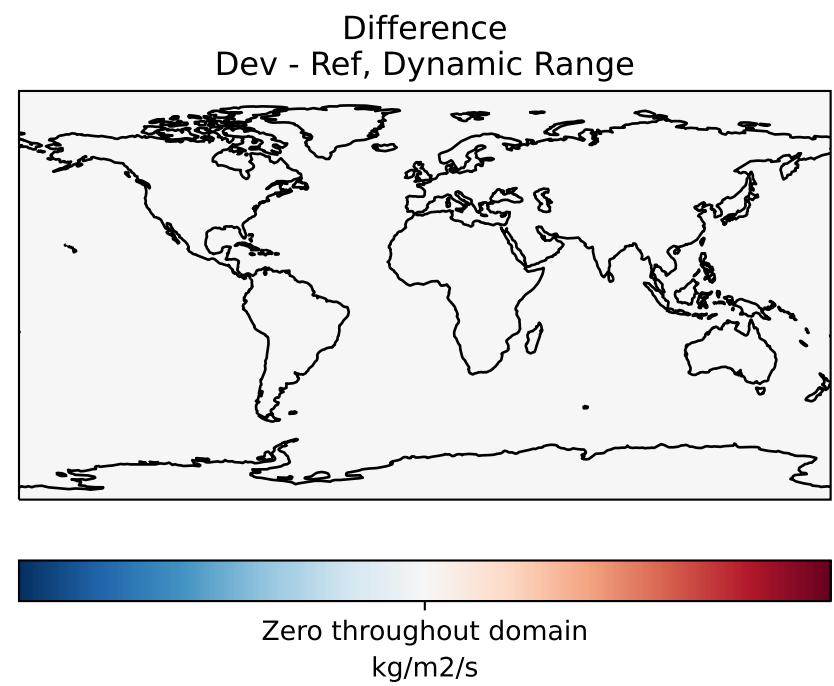
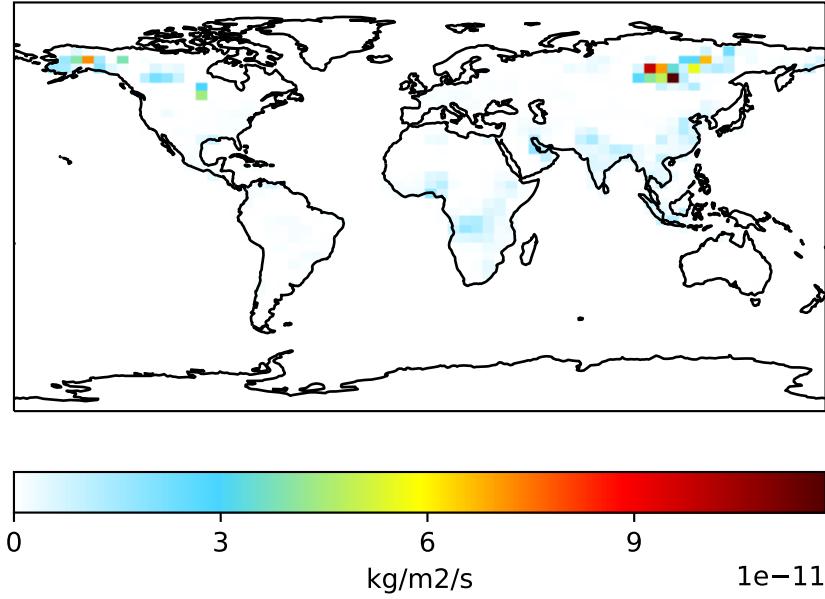


EmisBENZ_Total

GCC_13.3.0-rc.1 (Ref)
4.0x5.0

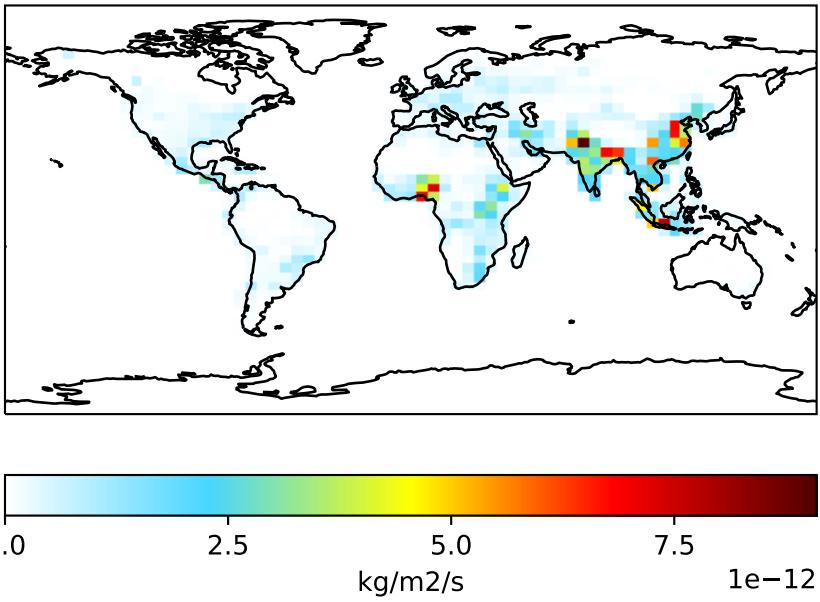


GCC_13.4.0-rc.4 (Dev)
4.0x5.0

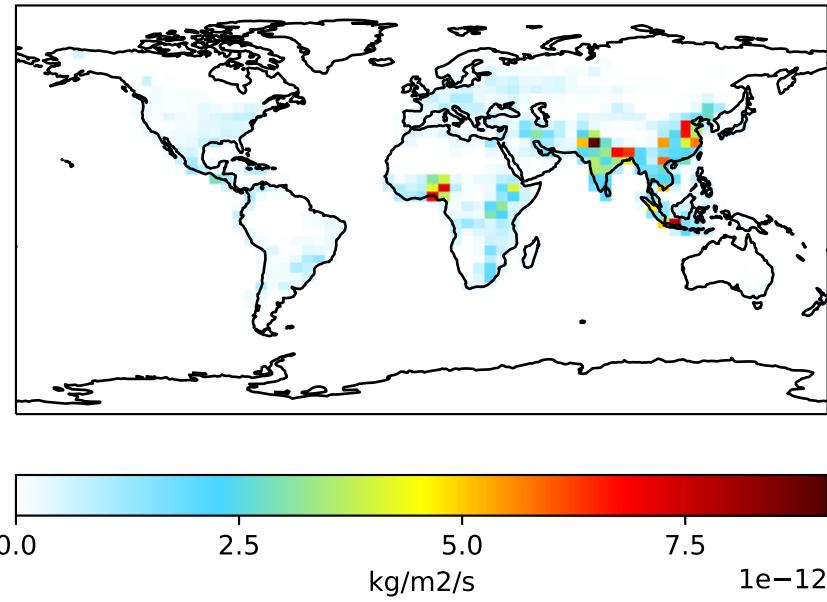


EmisC2H2_Anthro

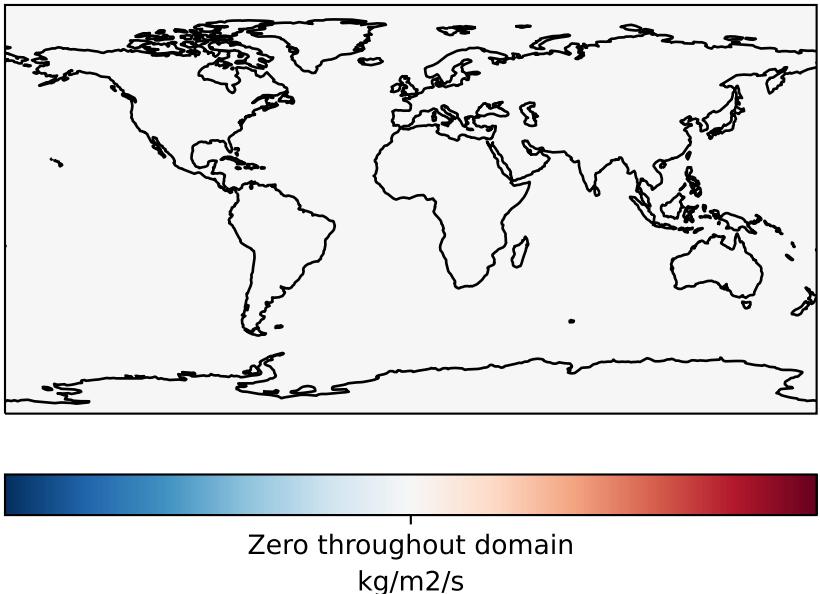
GCC_13.3.0-rc.1 (Ref)
4.0x5.0



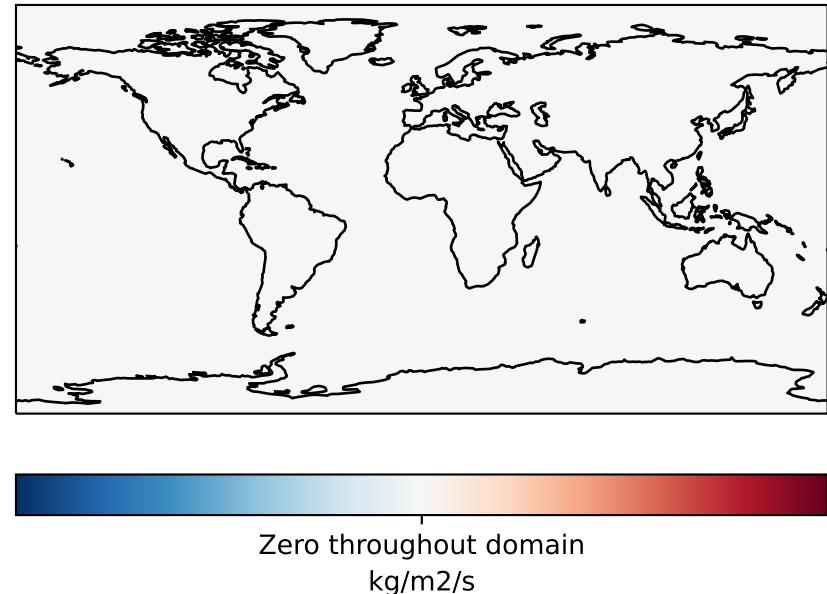
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



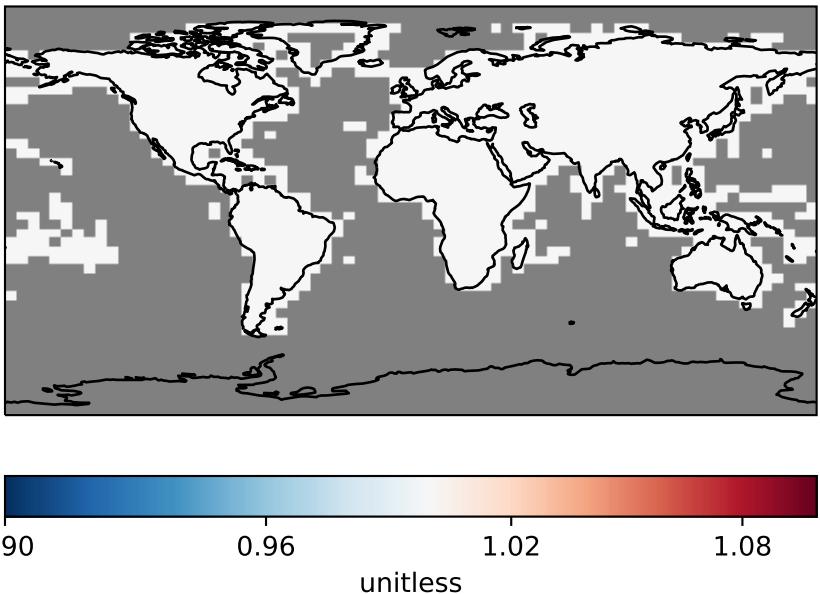
Difference
Dev - Ref, Dynamic Range



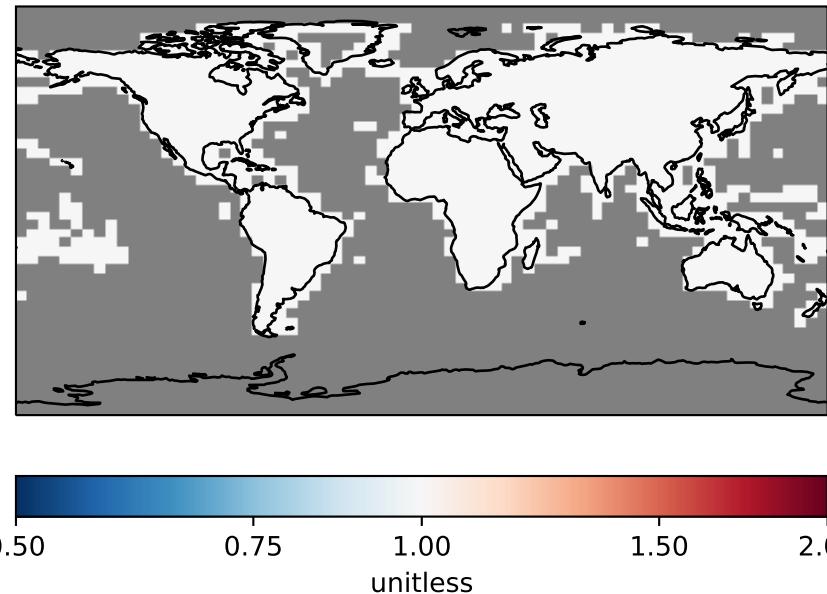
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

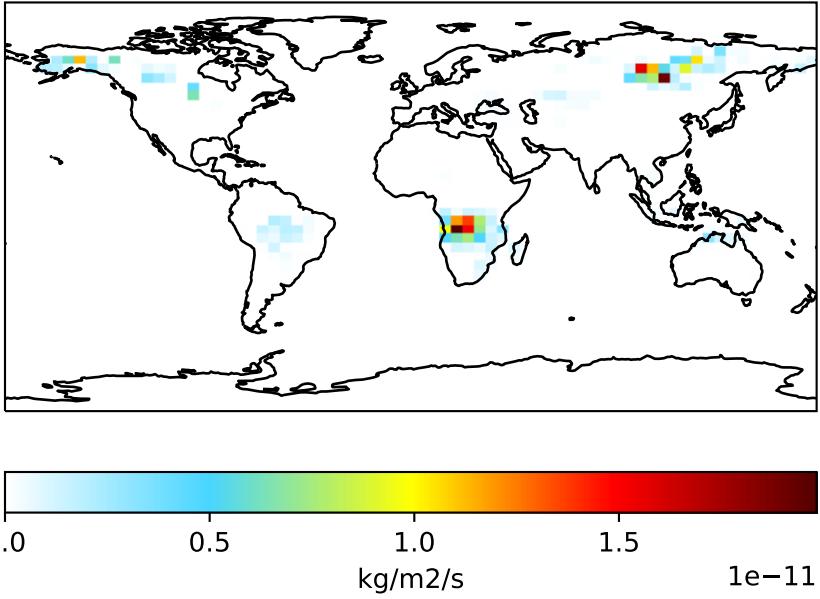


Ratio
Dev/Ref, Fixed Range

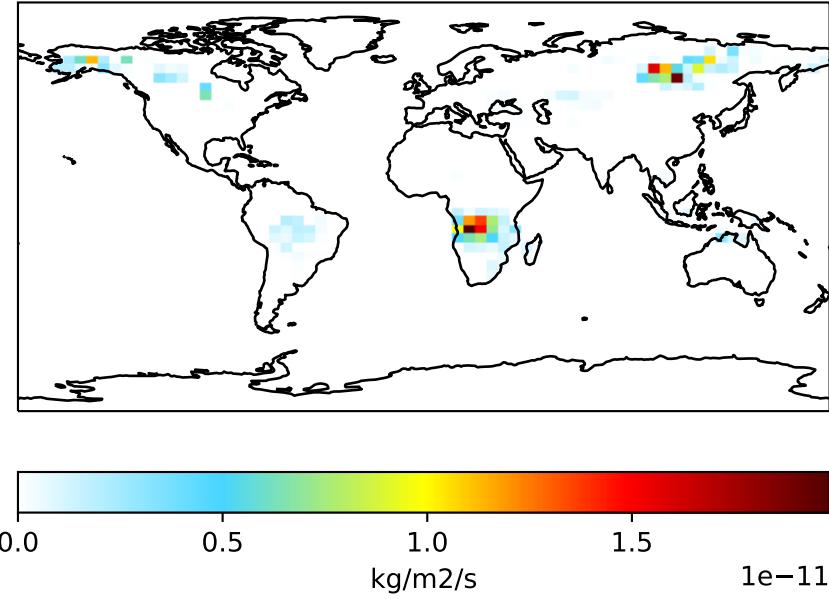


EmisC2H2_BioBurn

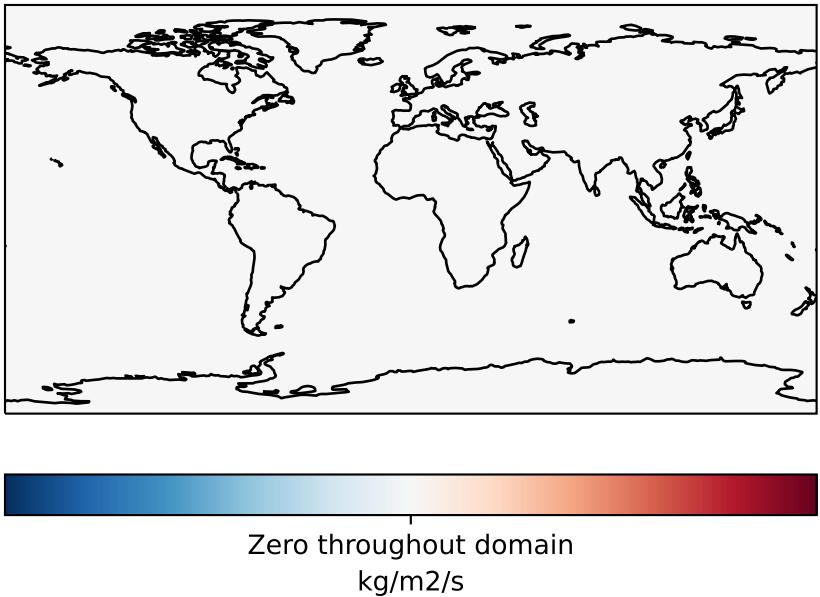
GCC_13.3.0-rc.1 (Ref)
4.0x5.0



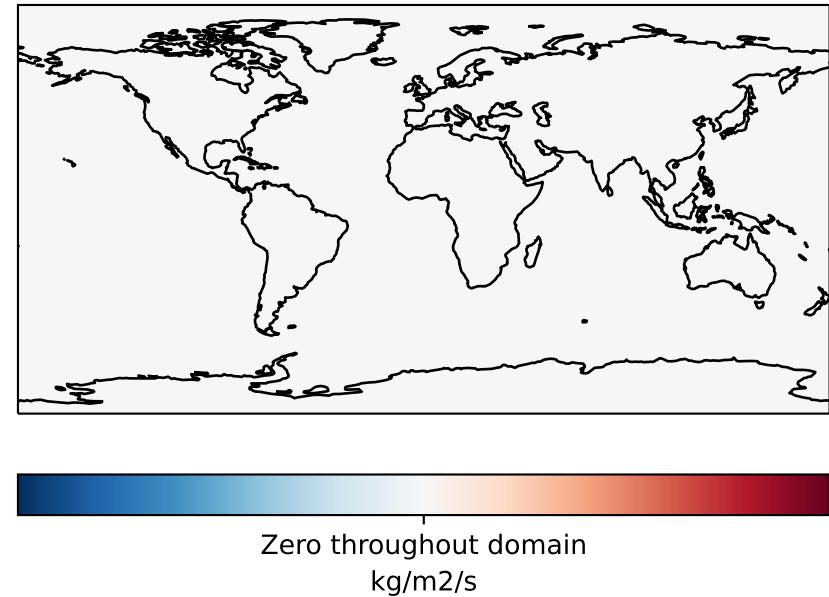
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



Difference
Dev - Ref, Dynamic Range



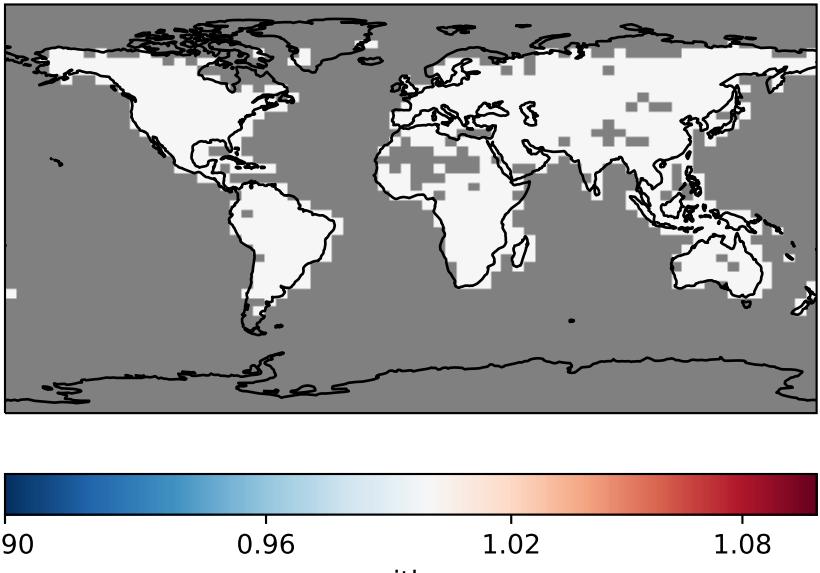
Difference
Dev - Ref, Restricted Range [5%,95%]



Zero throughout domain
kg/m²/s

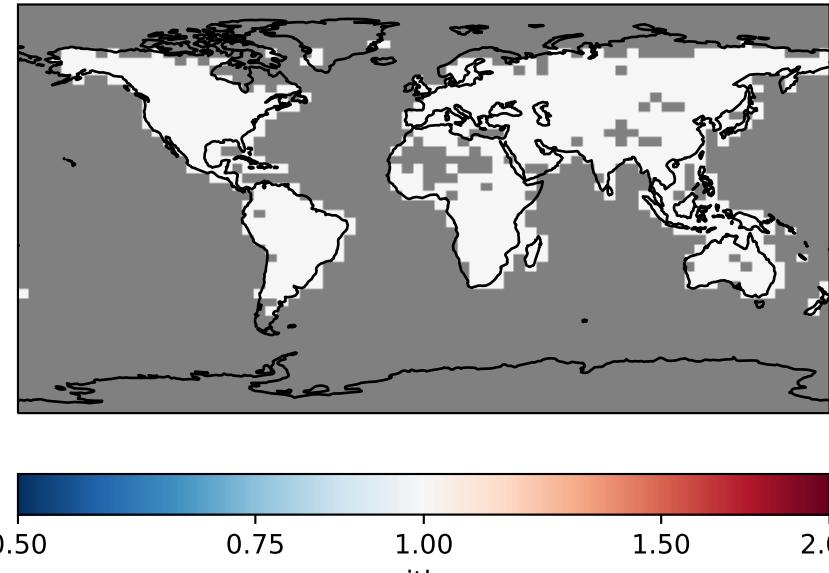
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



0.90 0.96 1.02 1.08
unitless

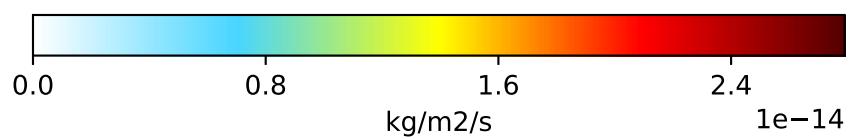
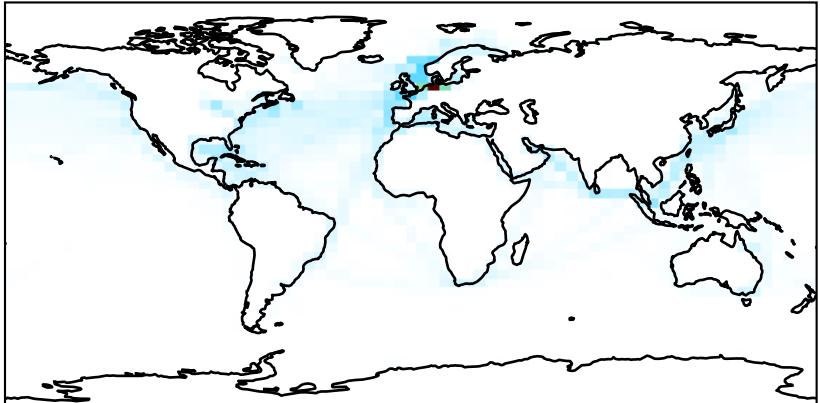
Ratio
Dev/Ref, Fixed Range



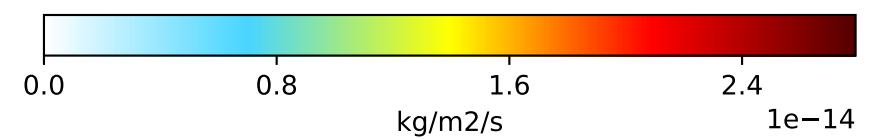
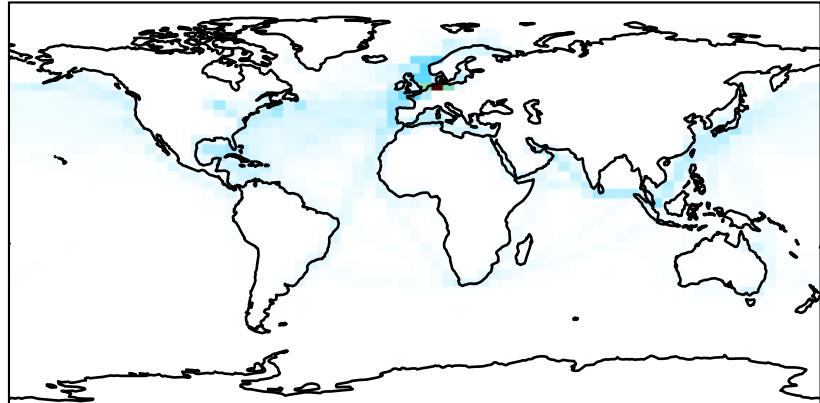
0.50 0.75 1.00 1.50 2.00
unitless

EmisC2H2_Ship

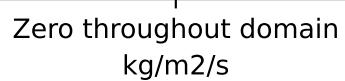
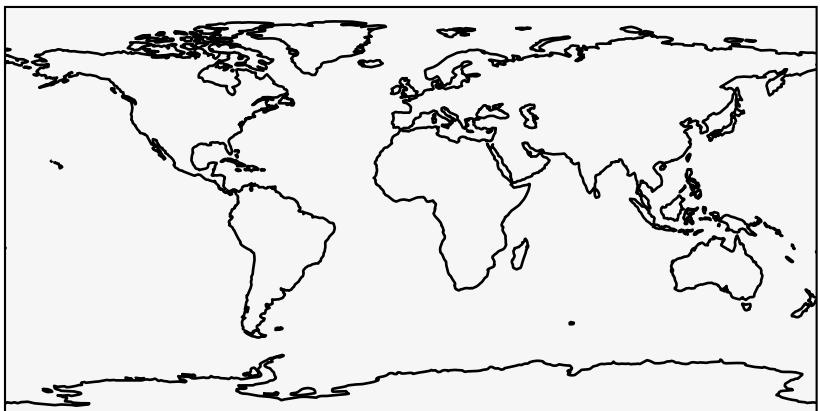
GCC_13.3.0-rc.1 (Ref)
4.0x5.0



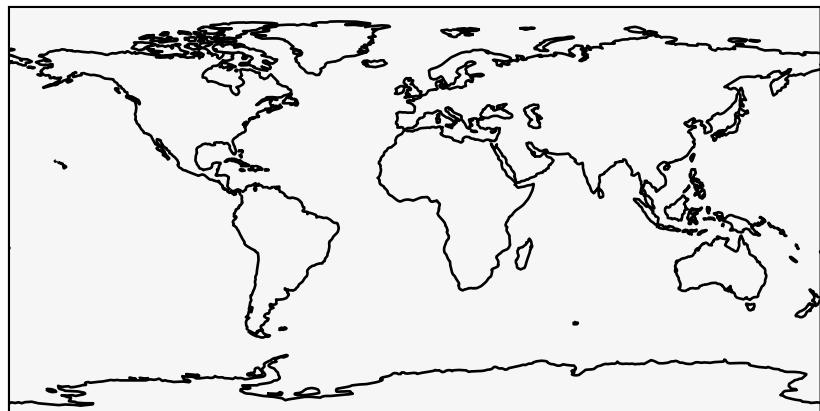
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



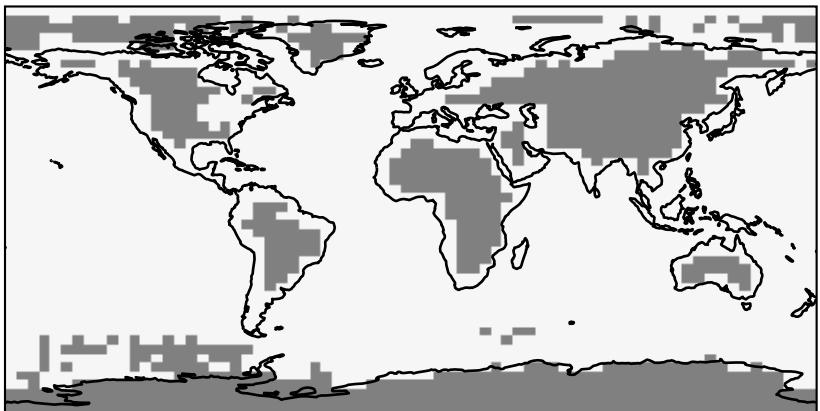
Difference
Dev - Ref, Dynamic Range



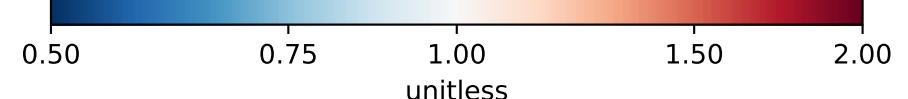
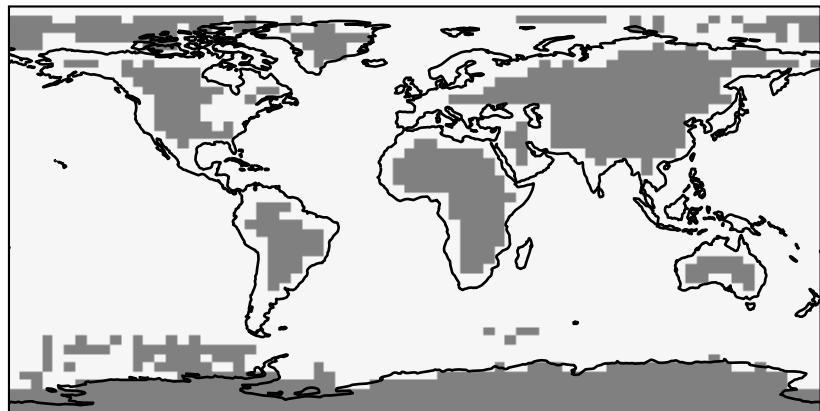
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

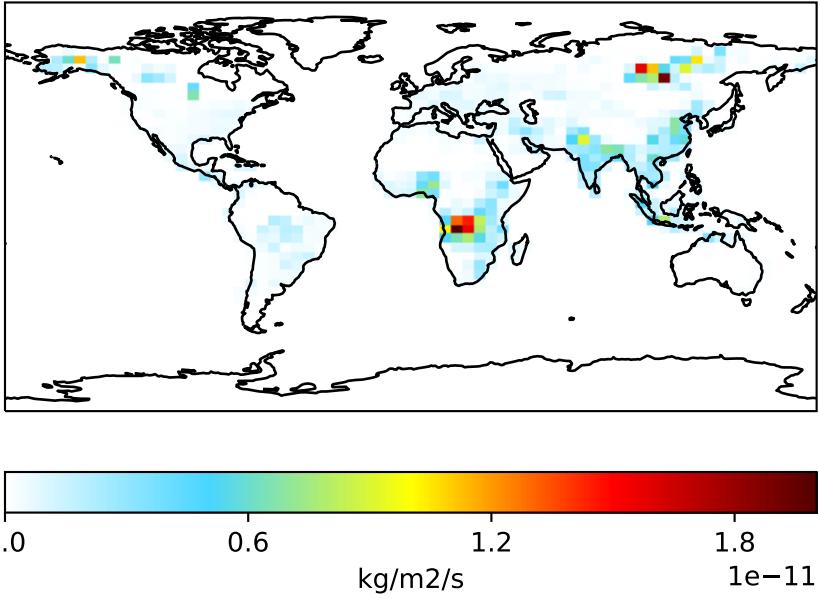


Ratio
Dev/Ref, Fixed Range

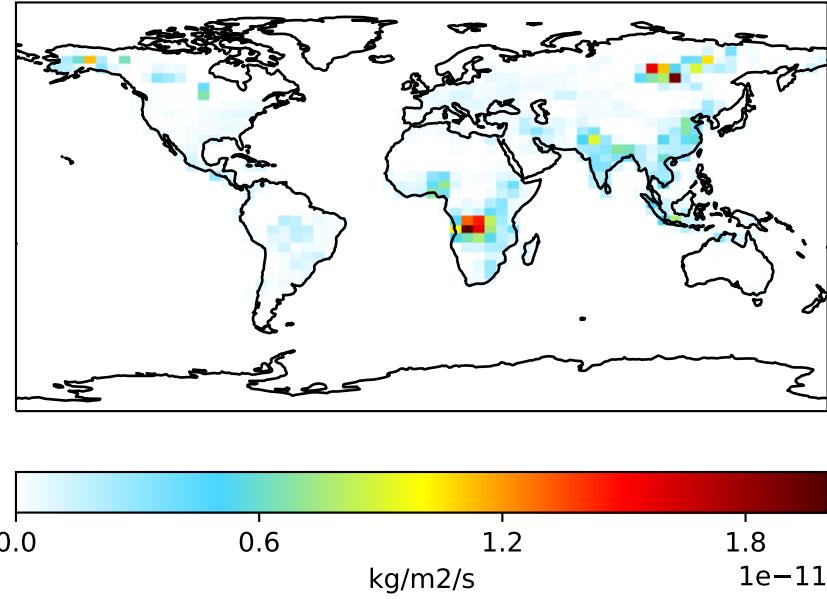


EmisC2H2_Total

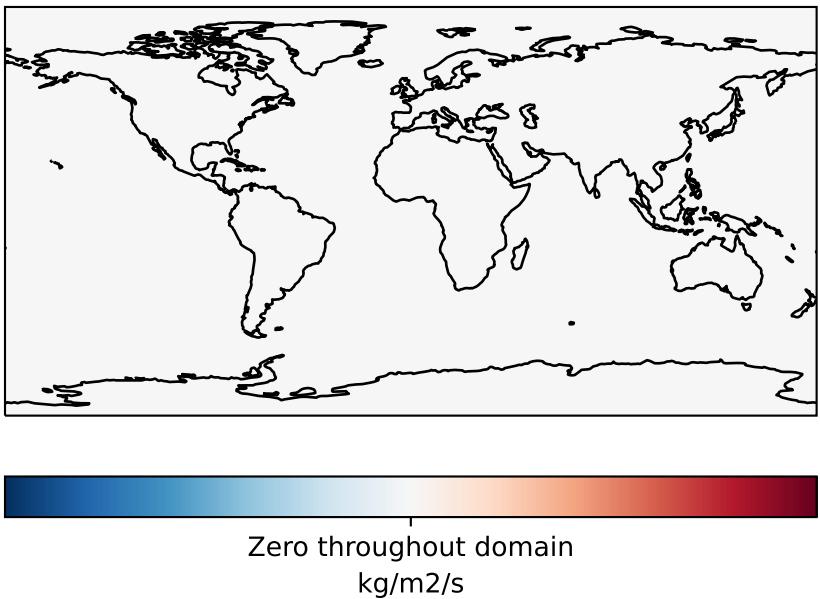
GCC_13.3.0-rc.1 (Ref)
4.0x5.0



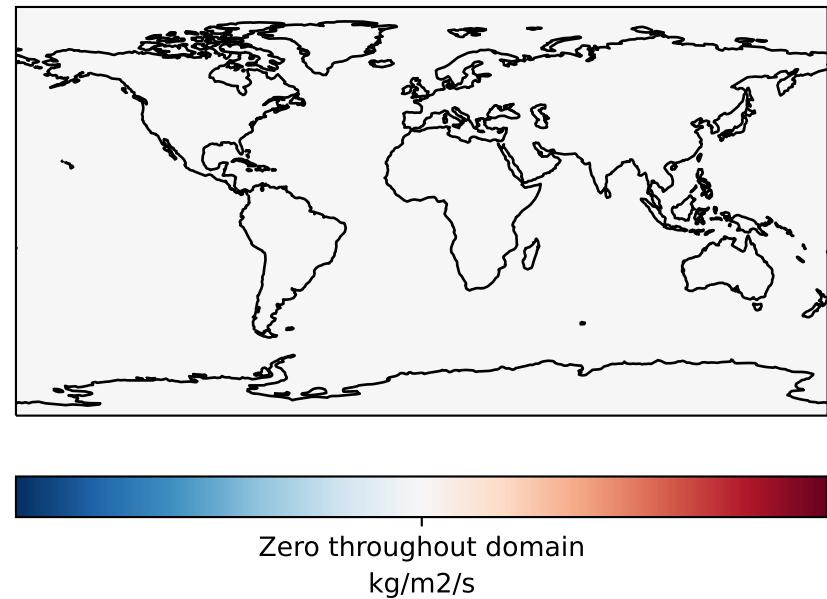
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



Difference
Dev - Ref, Dynamic Range



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



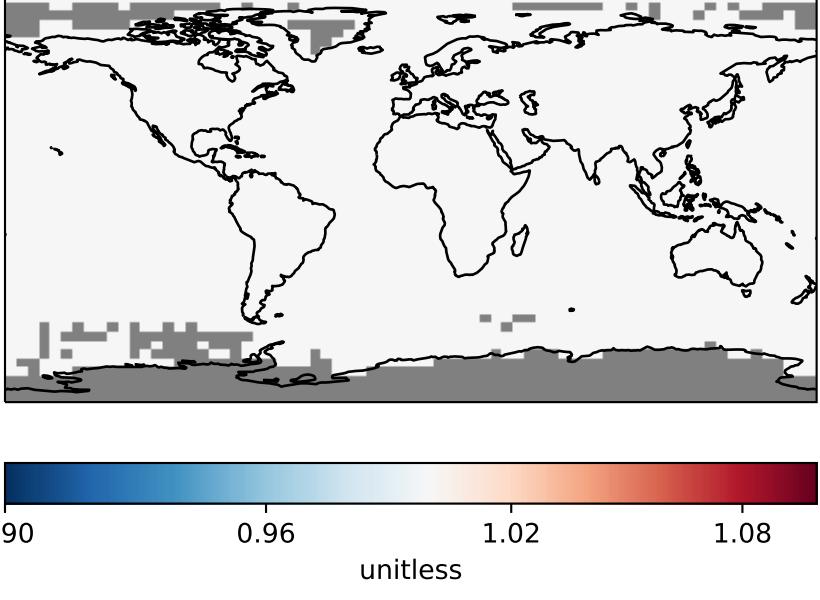
Zero throughout domain

kg/m²/s

Zero throughout domain

kg/m²/s

Ratio
Dev/Ref, Dynamic Range



0.90

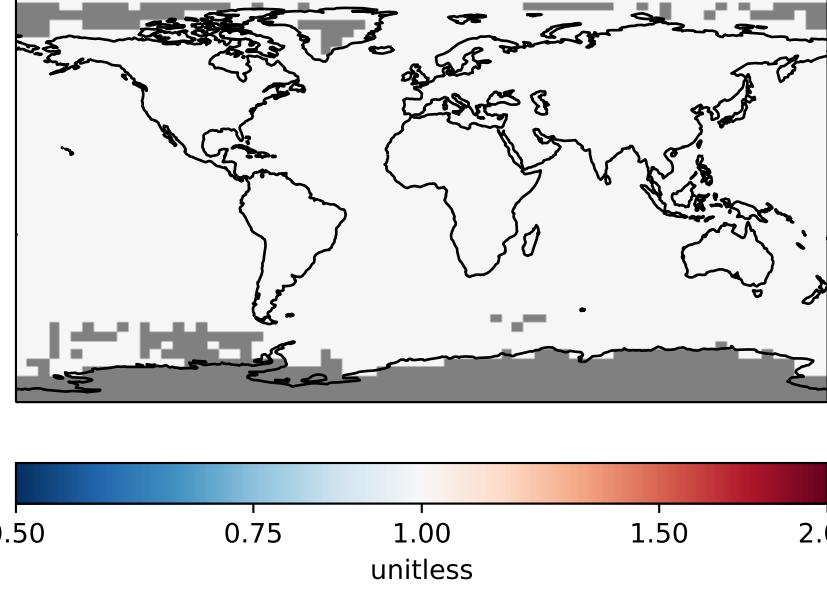
0.96

1.02

1.08

unitless

Ratio
Dev/Ref, Fixed Range



0.50

0.75

1.00

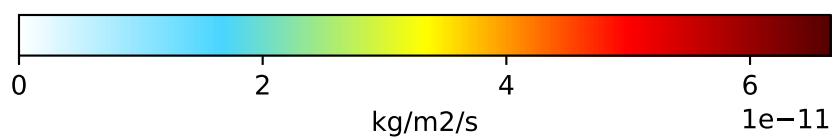
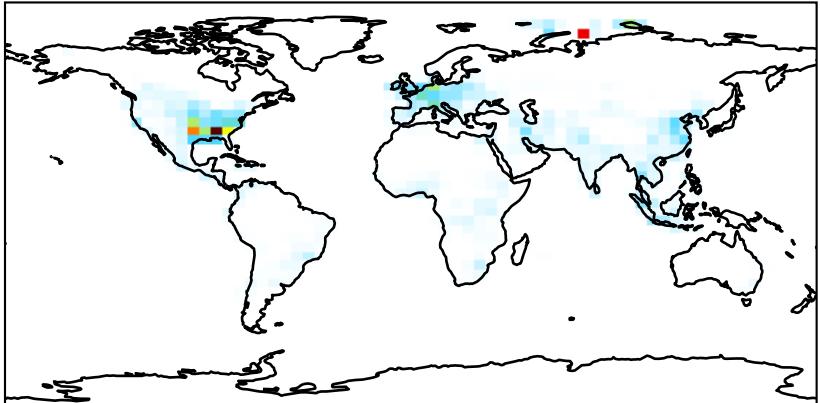
1.50

2.00

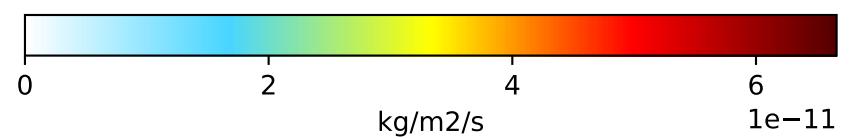
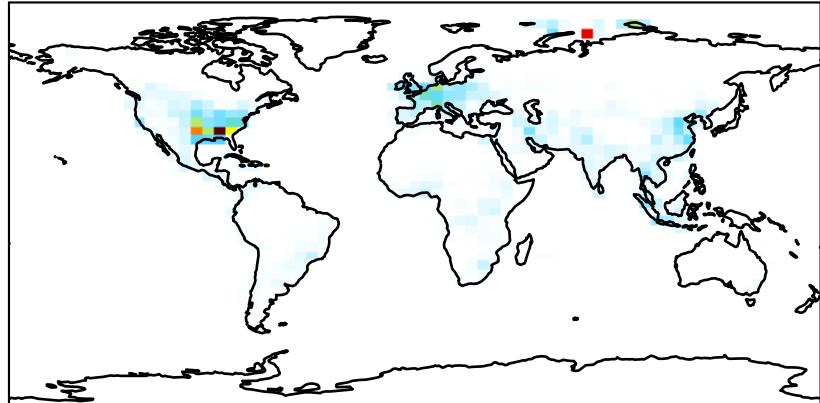
unitless

EmisC2H4_Anthro

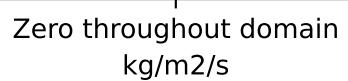
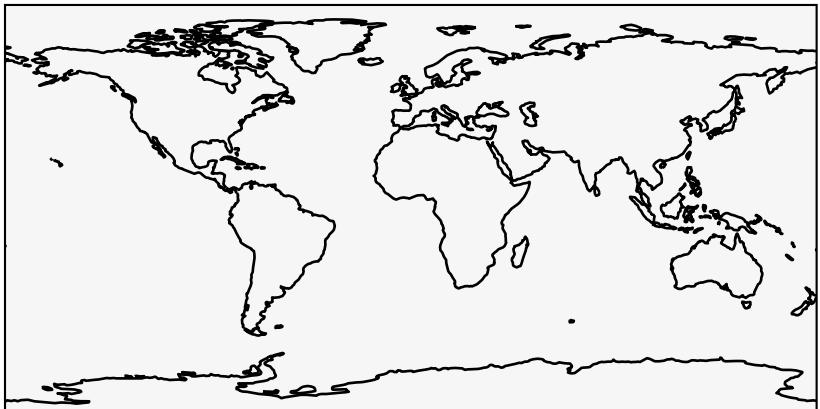
GCC_13.3.0-rc.1 (Ref)
4.0x5.0



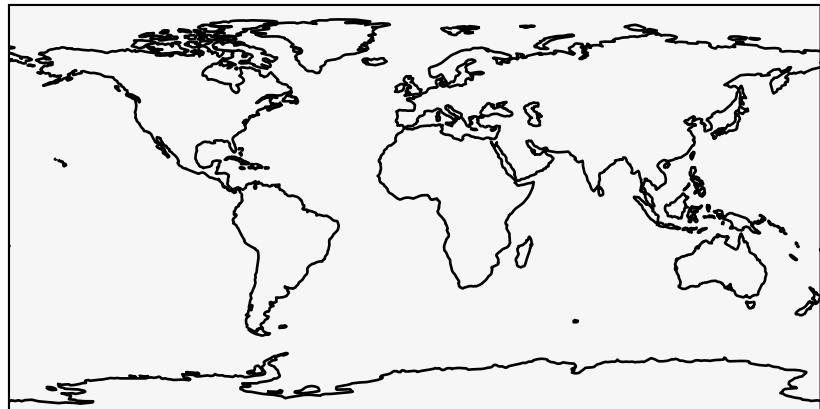
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



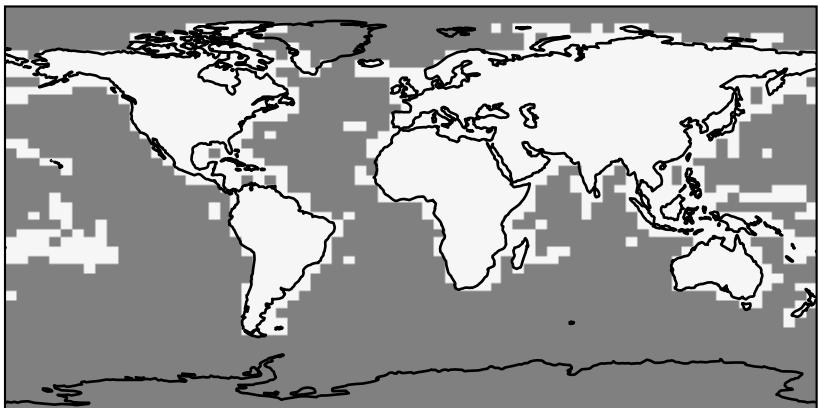
Difference
Dev - Ref, Dynamic Range



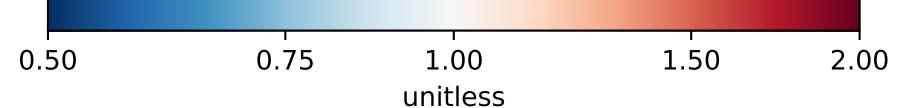
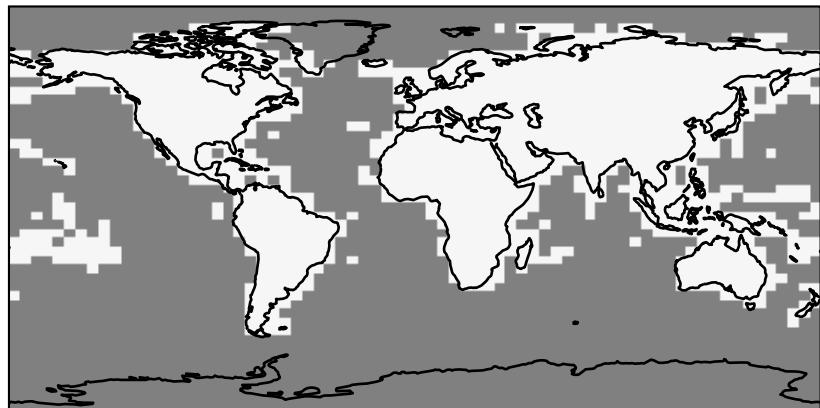
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

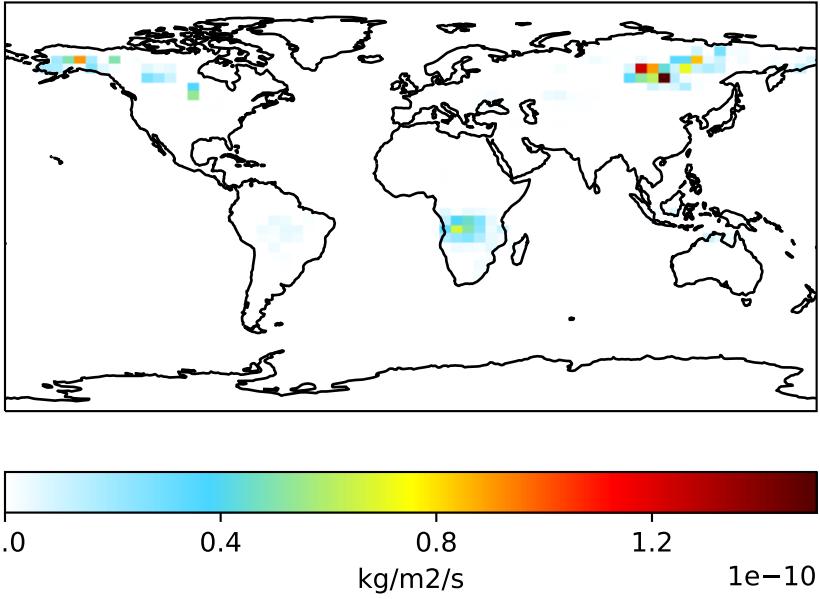


Ratio
Dev/Ref, Fixed Range

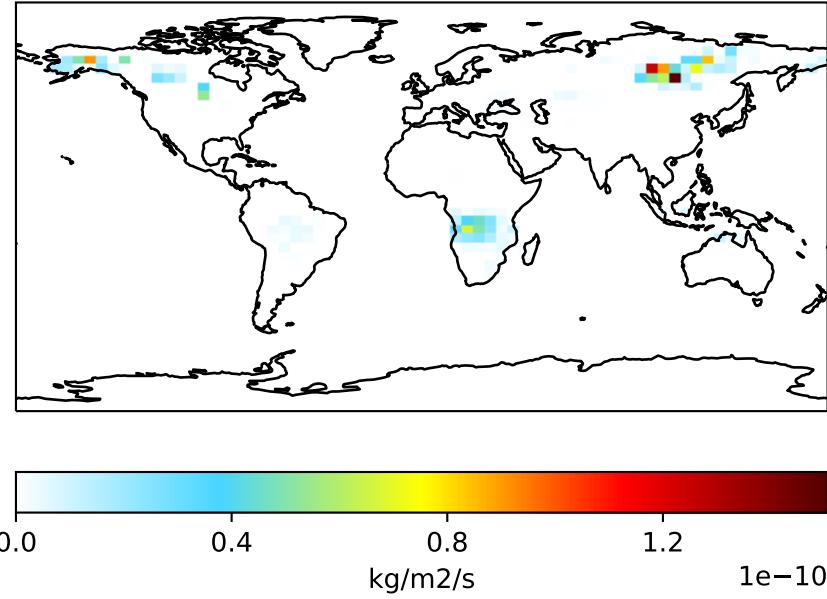


EmisC2H4_BioBurn

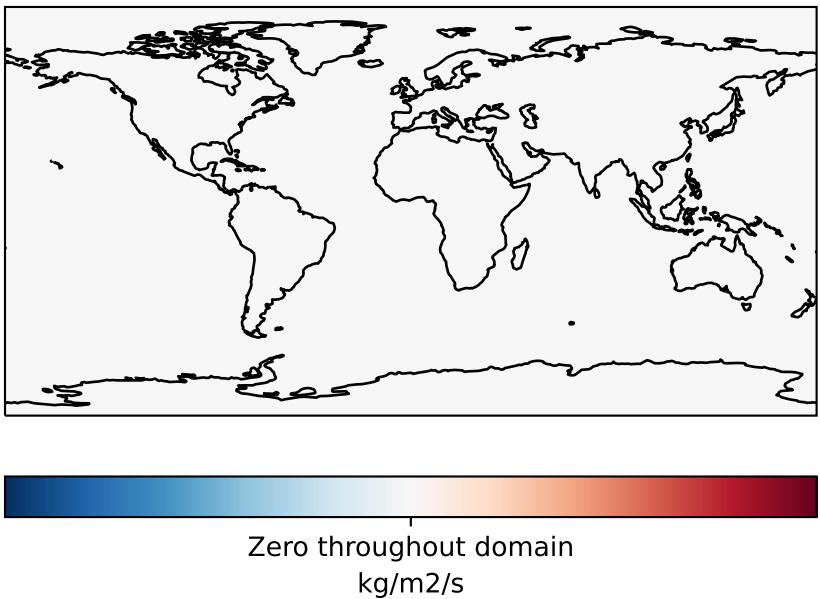
GCC_13.3.0-rc.1 (Ref)
4.0x5.0



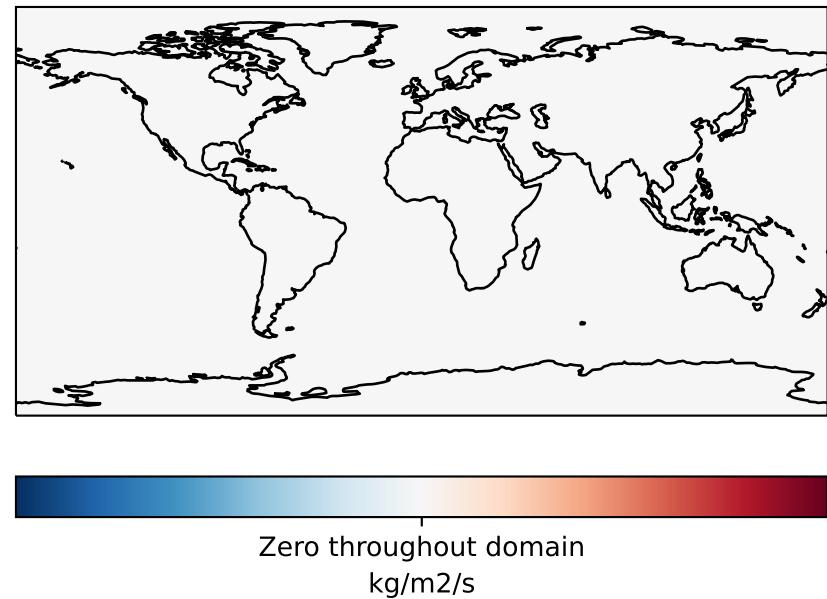
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



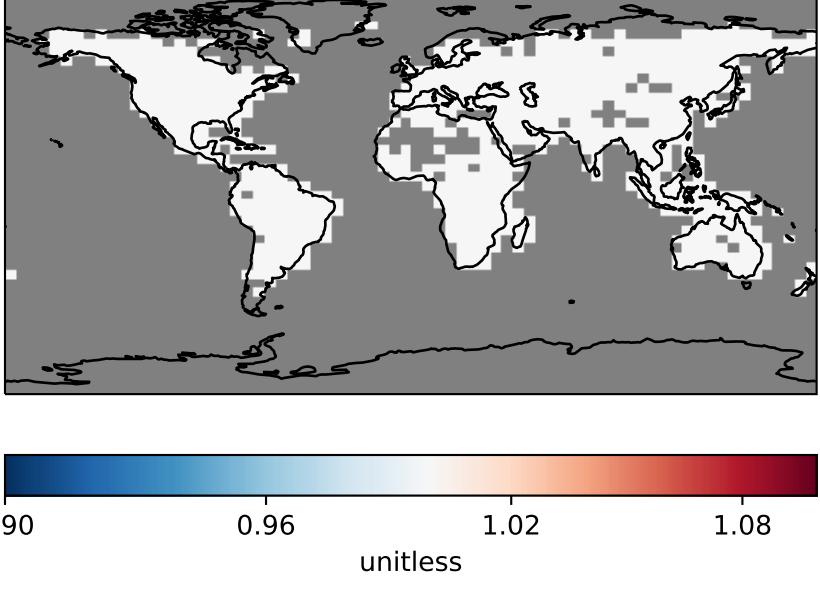
Difference
Dev - Ref, Dynamic Range



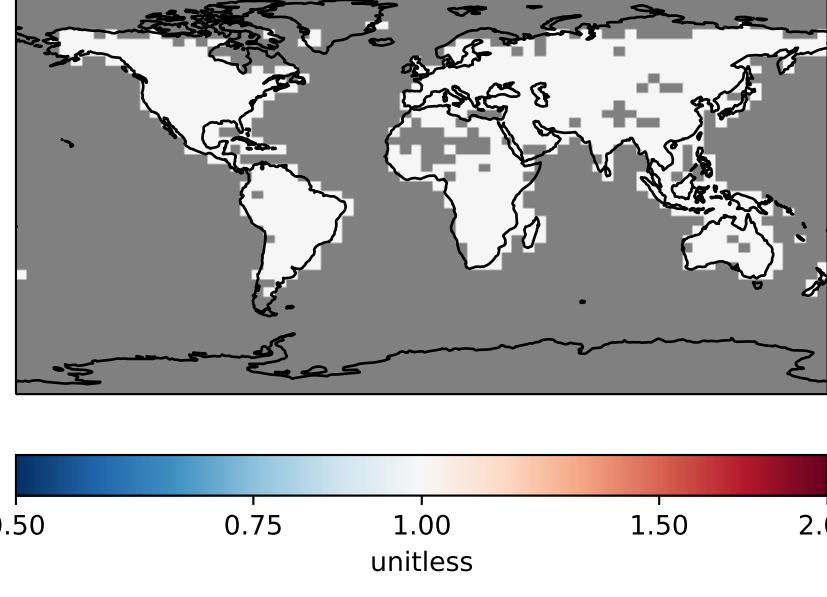
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

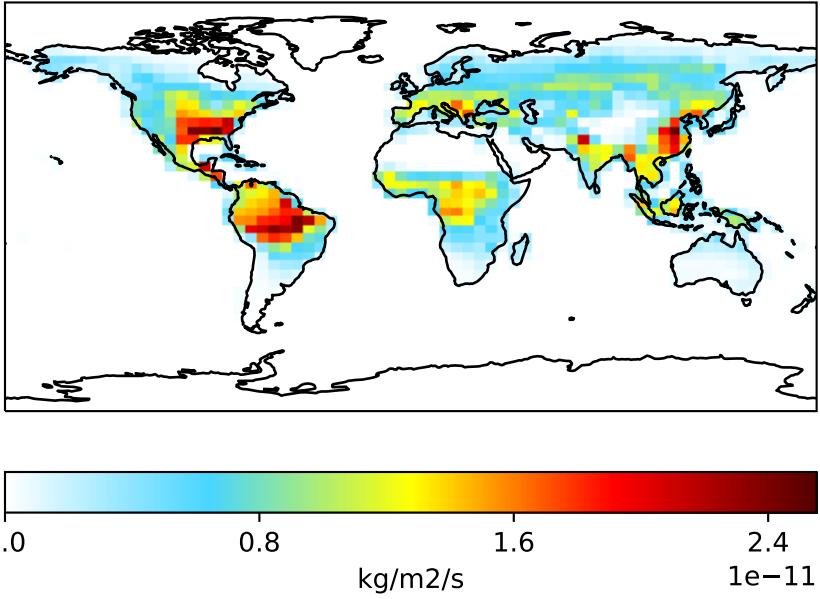


Ratio
Dev/Ref, Fixed Range

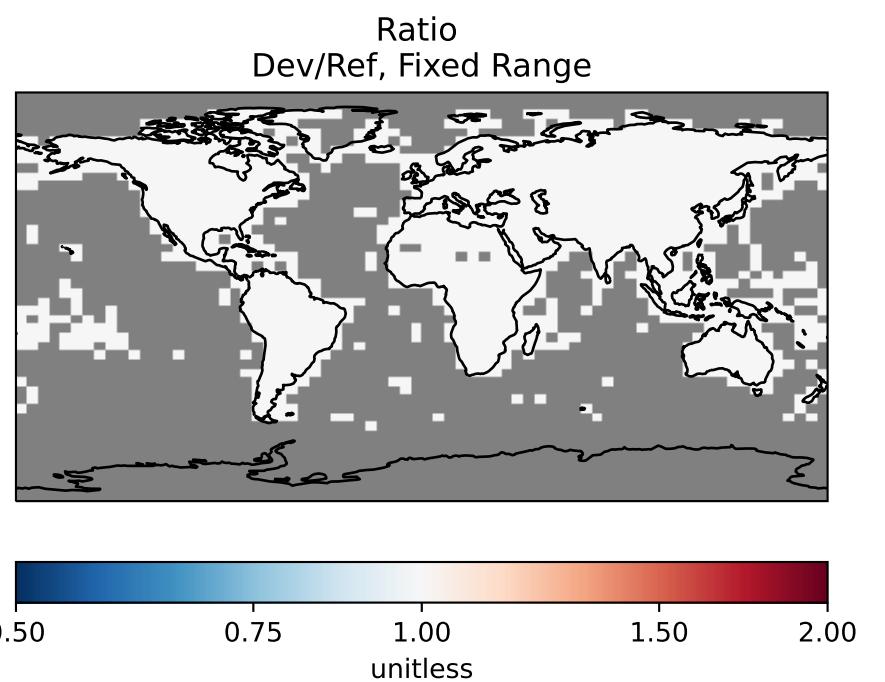
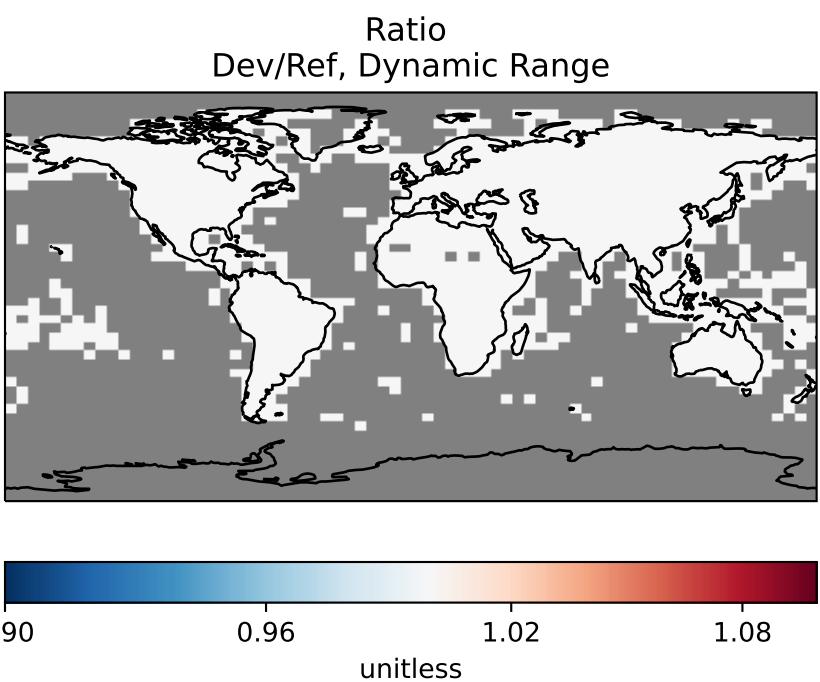
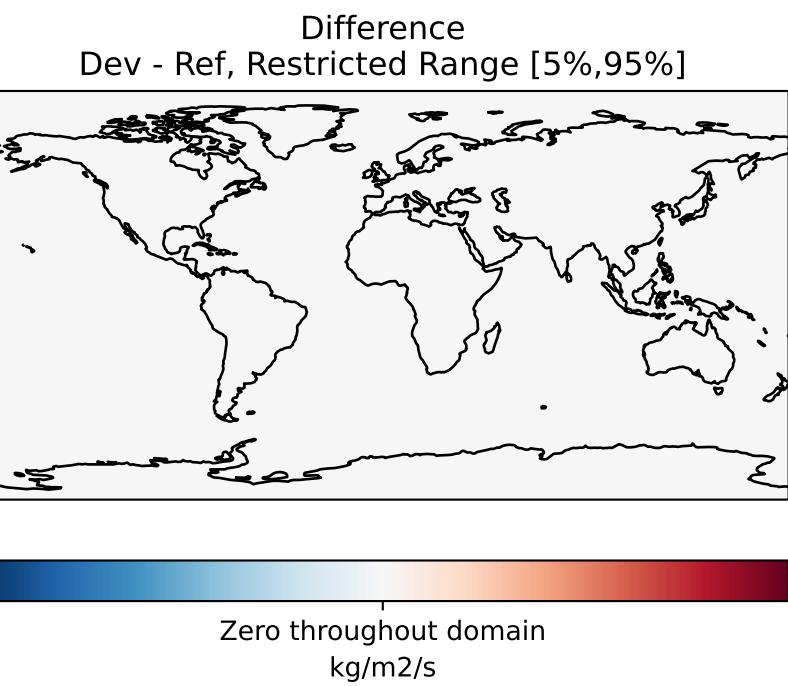
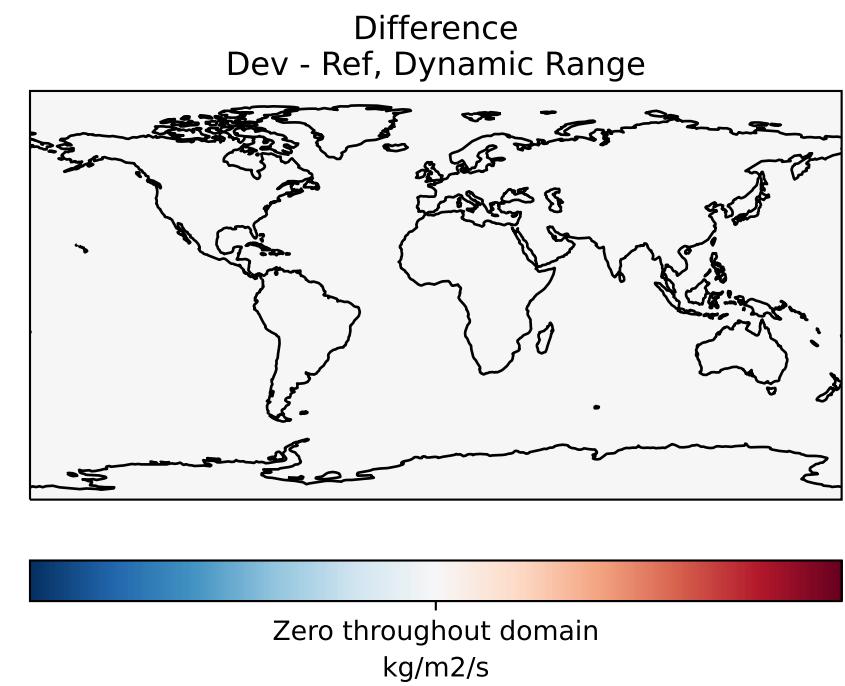
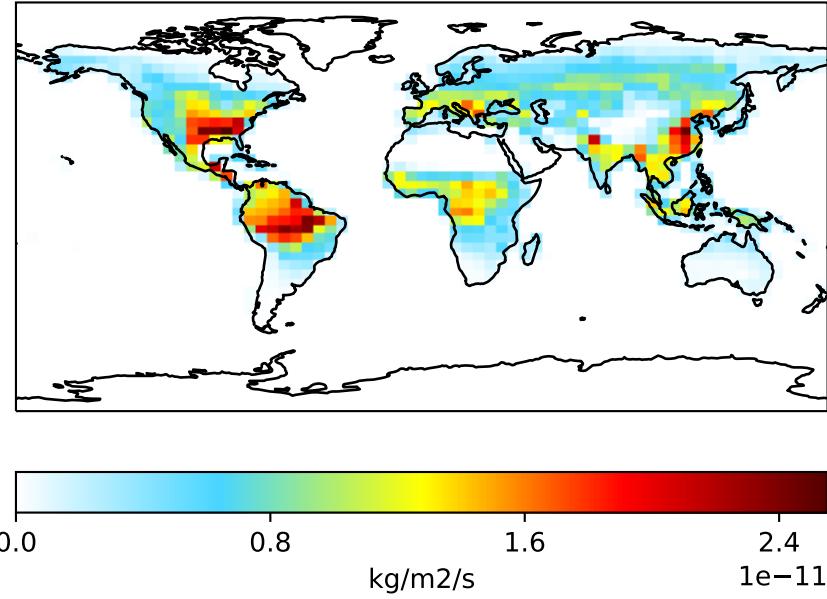


EmisC2H4_Biogenic

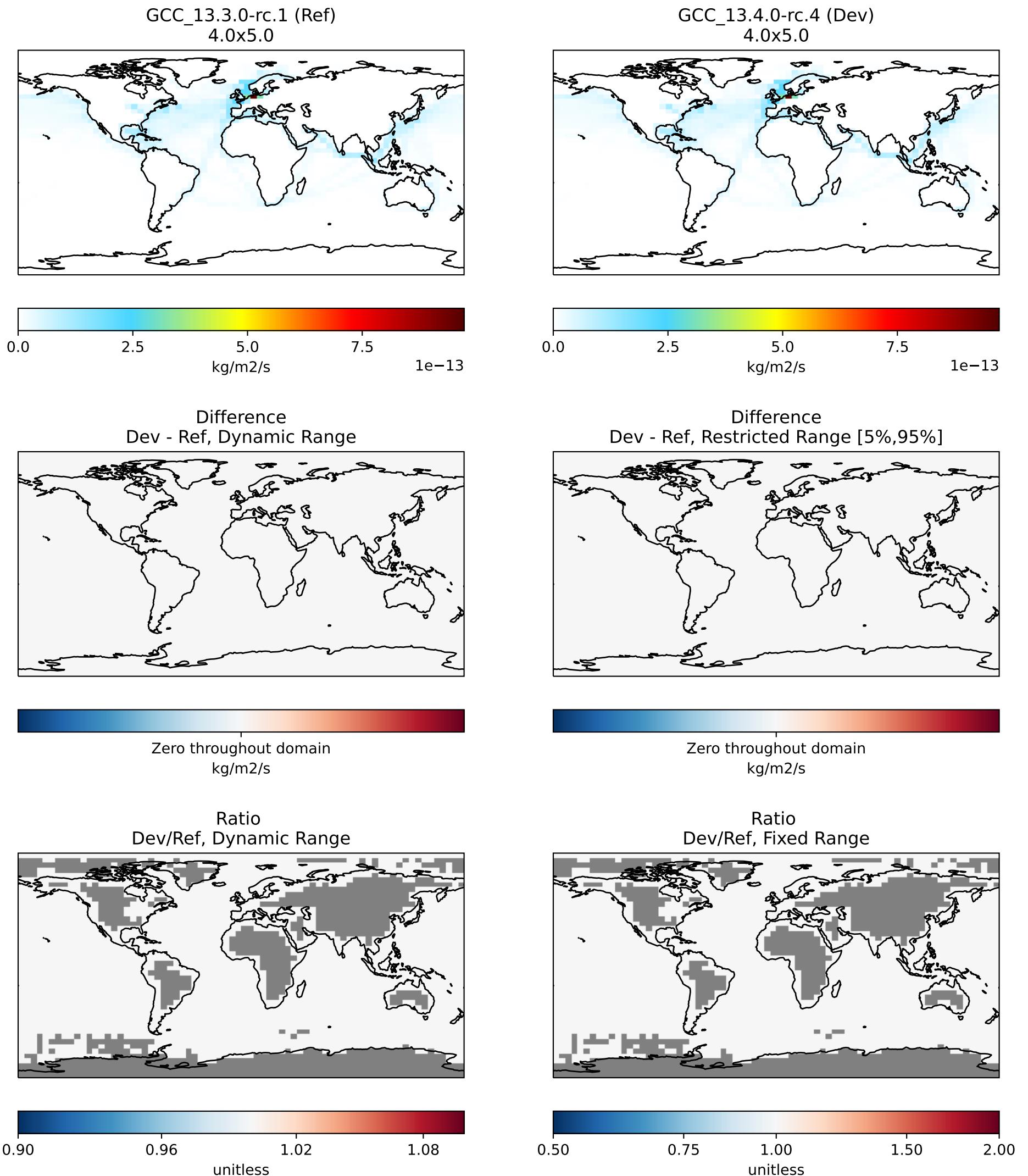
GCC_13.3.0-rc.1 (Ref)
4.0x5.0



GCC_13.4.0-rc.4 (Dev)
4.0x5.0

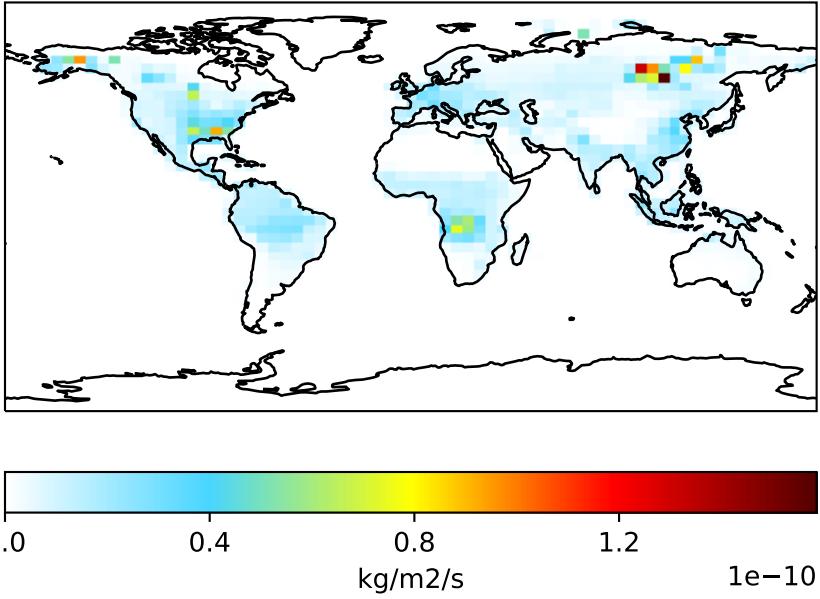


EmisC2H4_Ship

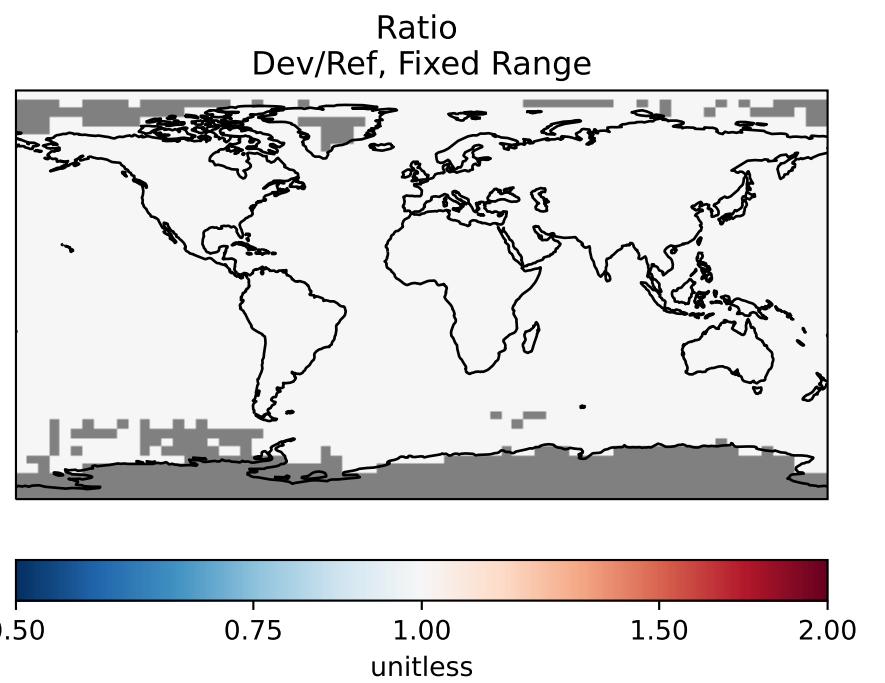
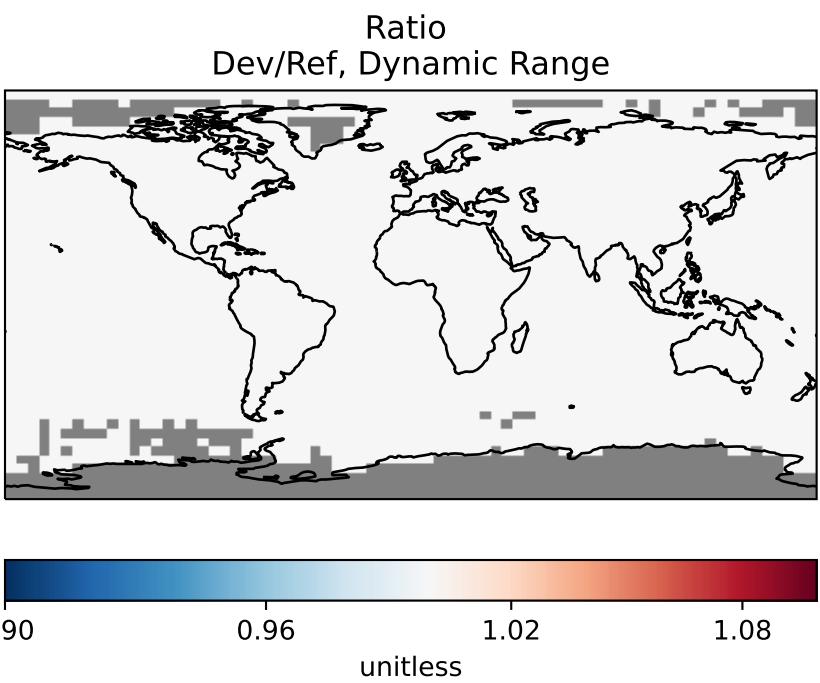
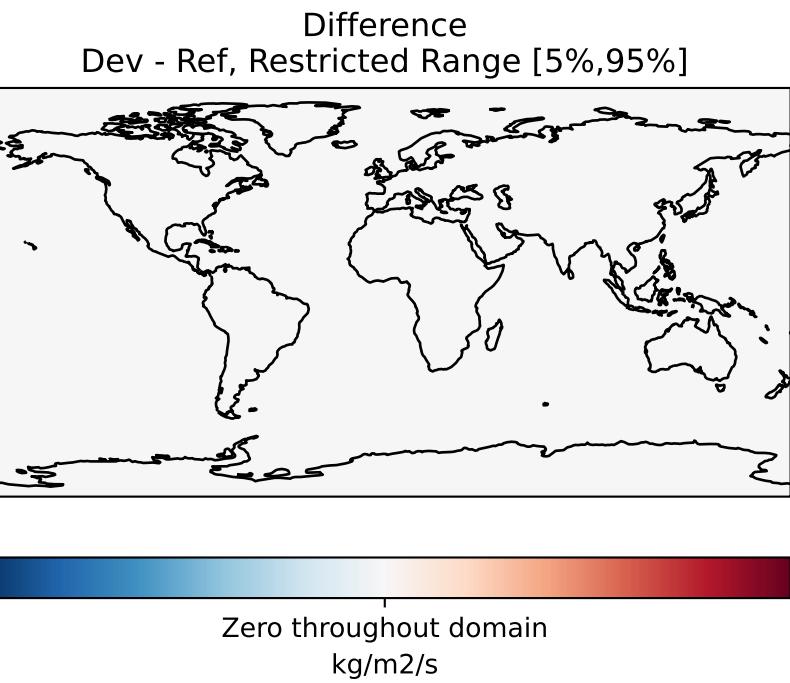
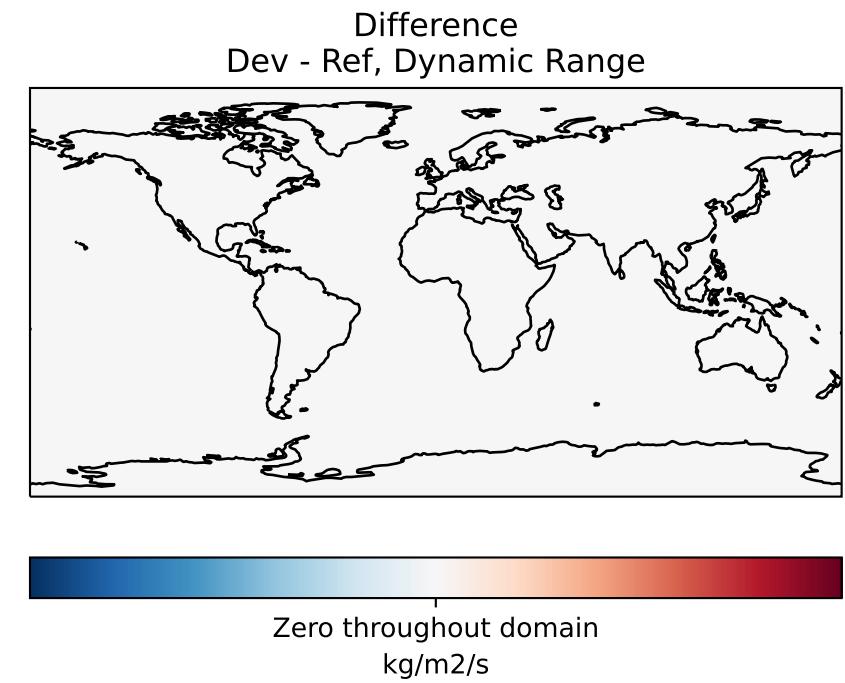
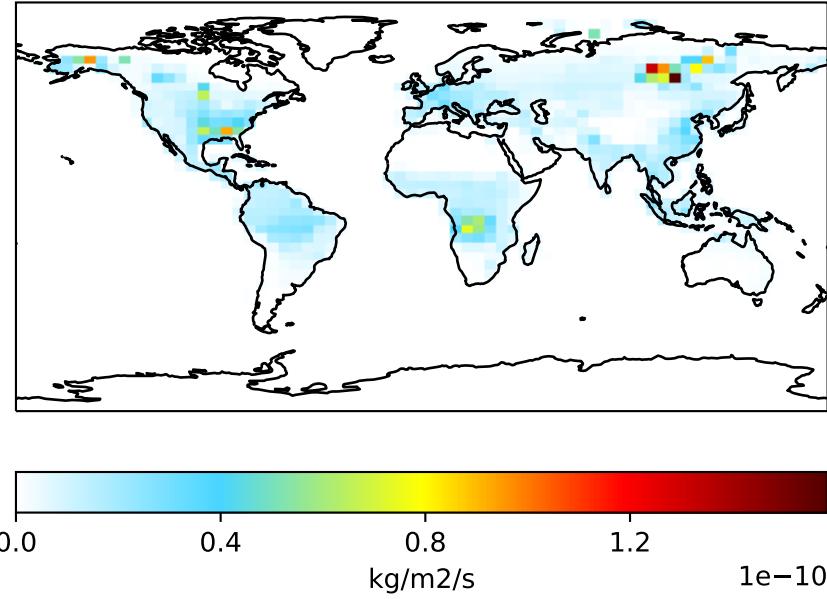


EmisC2H4_Total

GCC_13.3.0-rc.1 (Ref)
4.0x5.0

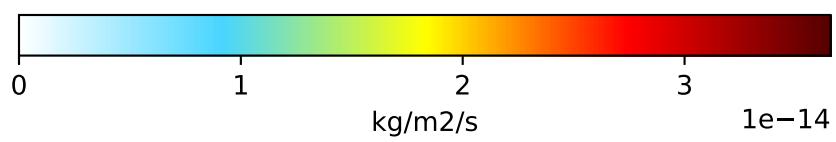
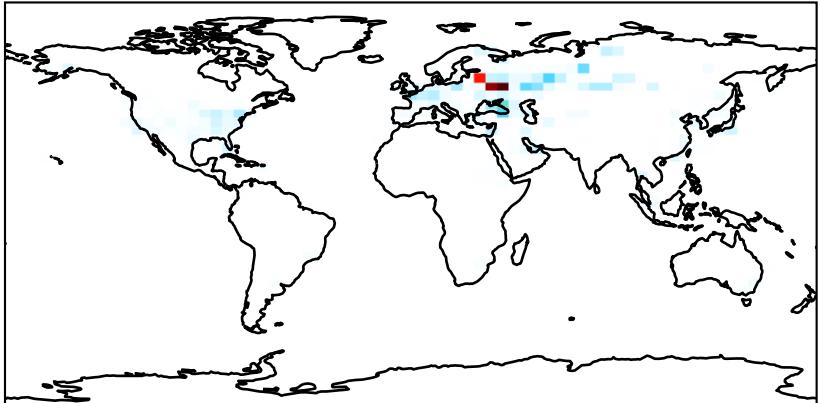


GCC_13.4.0-rc.4 (Dev)
4.0x5.0

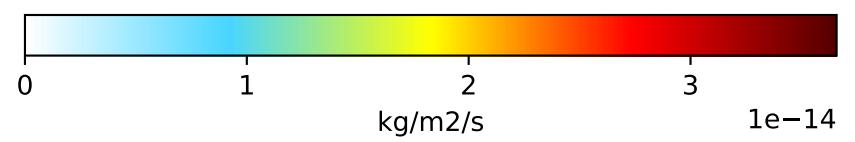
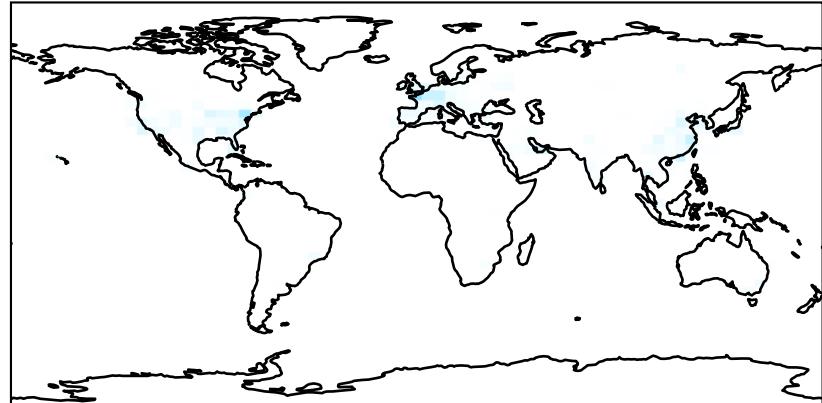


EmisC2H6_Aircraft

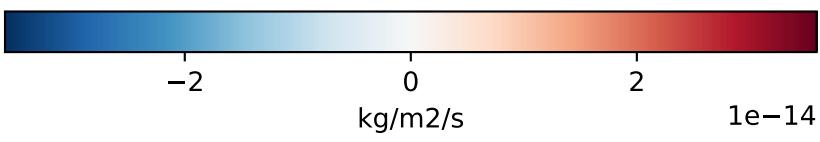
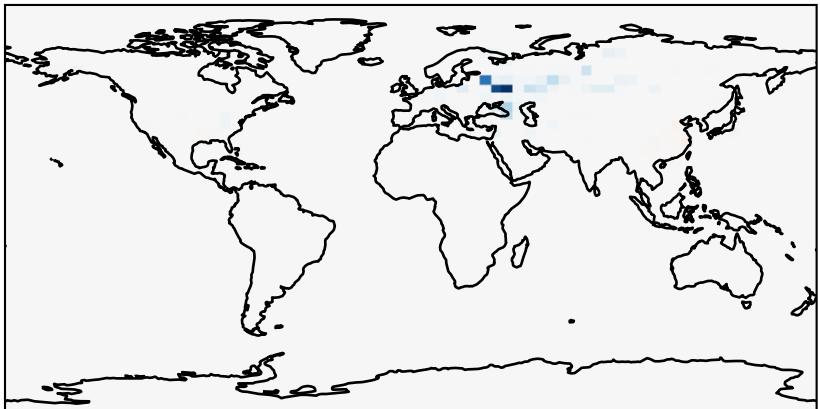
GCC_13.3.0-rc.1 (Ref)
4.0x5.0



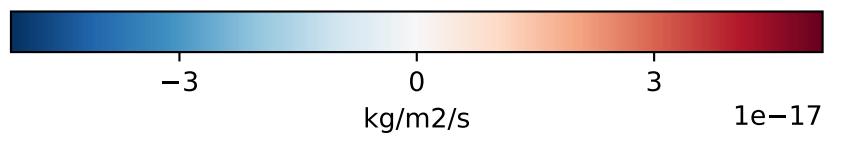
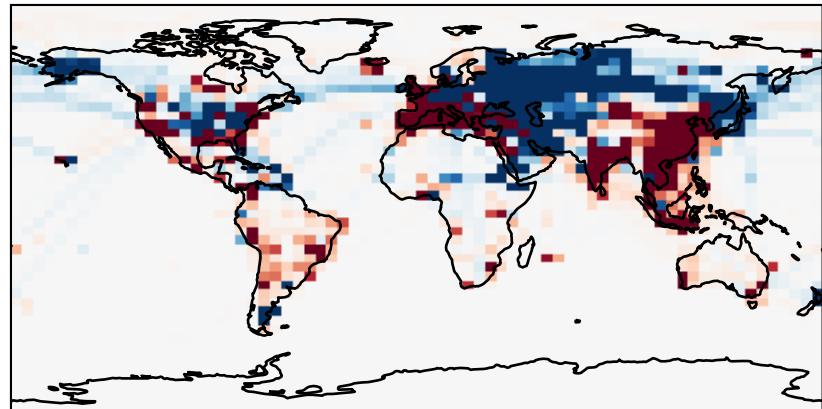
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



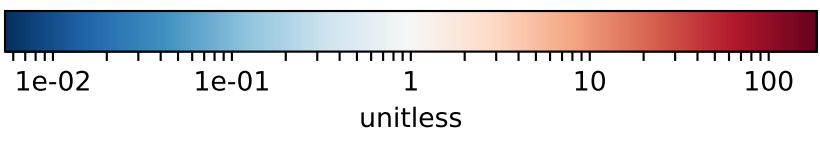
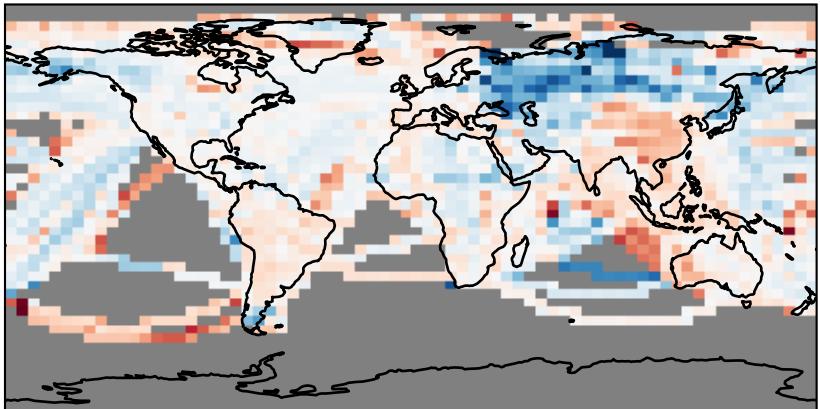
Difference
Dev - Ref, Dynamic Range



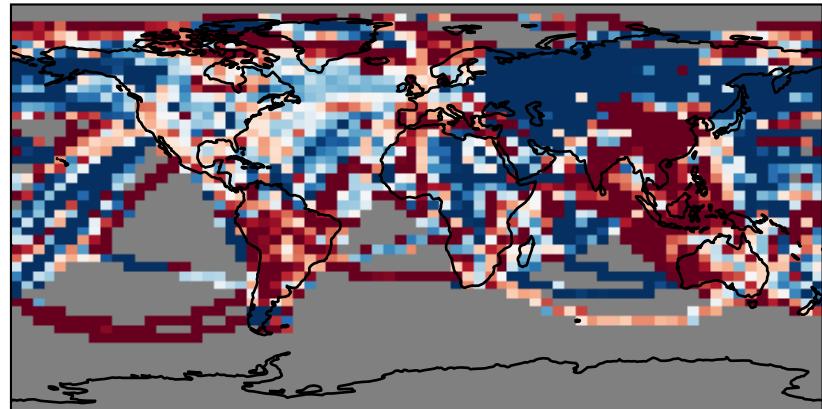
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

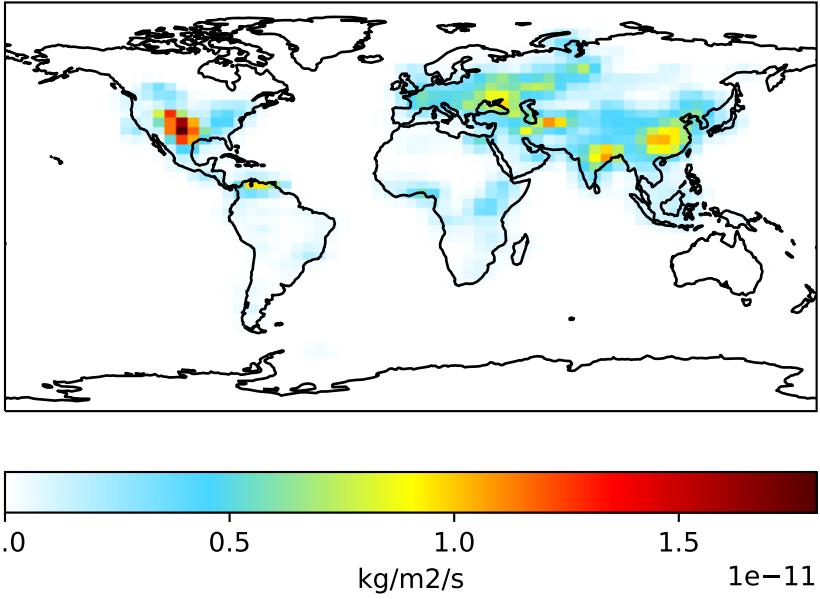


Ratio
Dev/Ref, Fixed Range

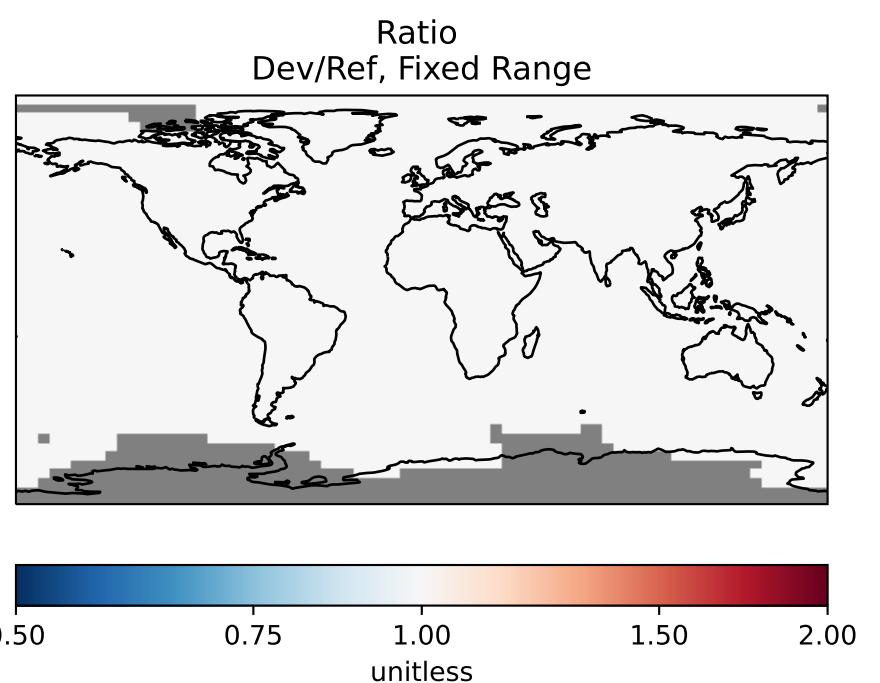
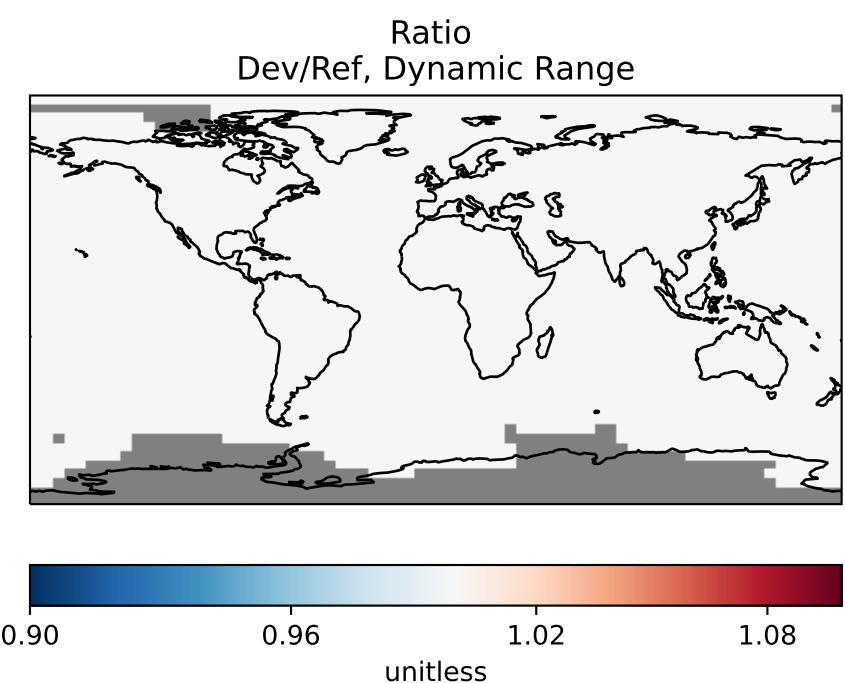
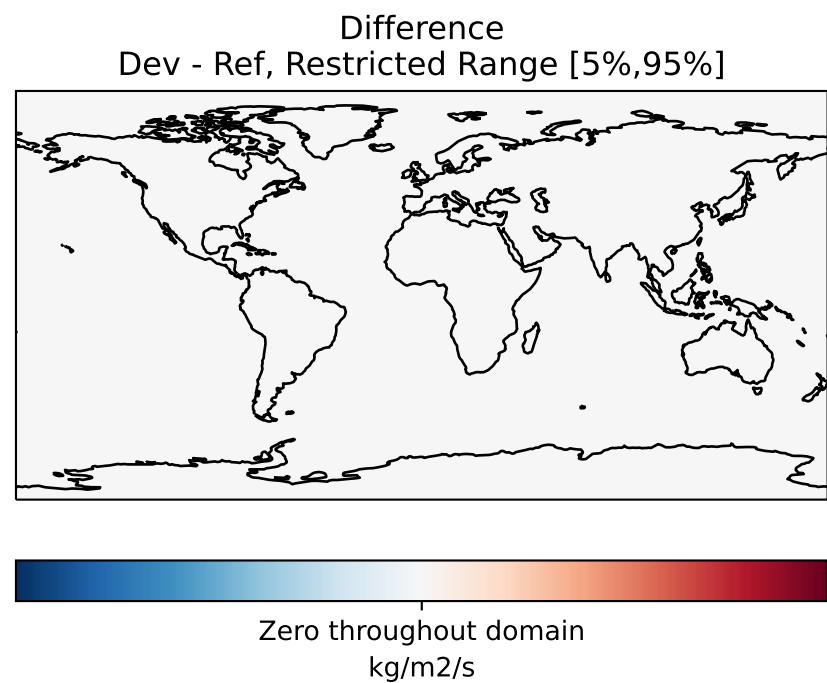
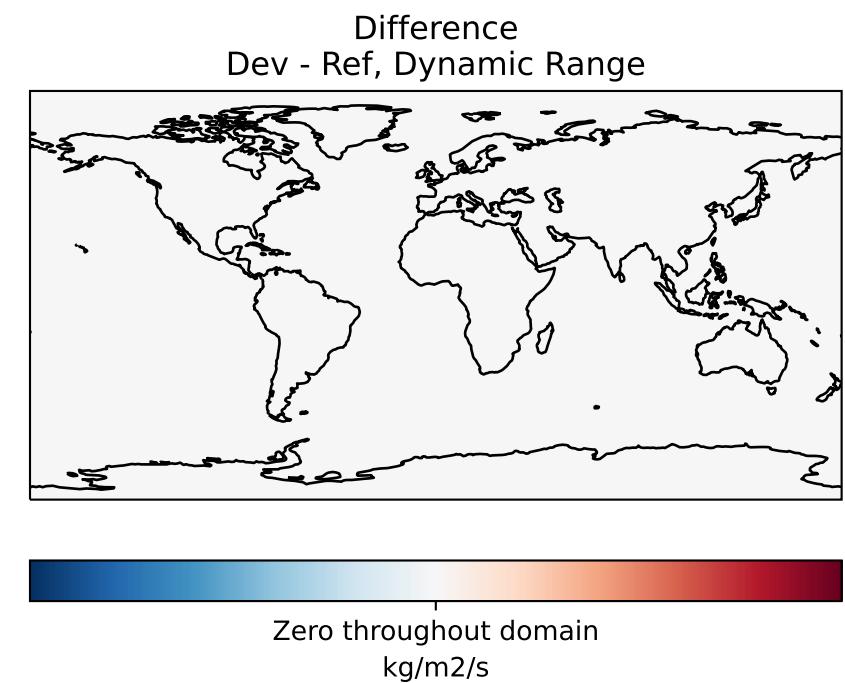
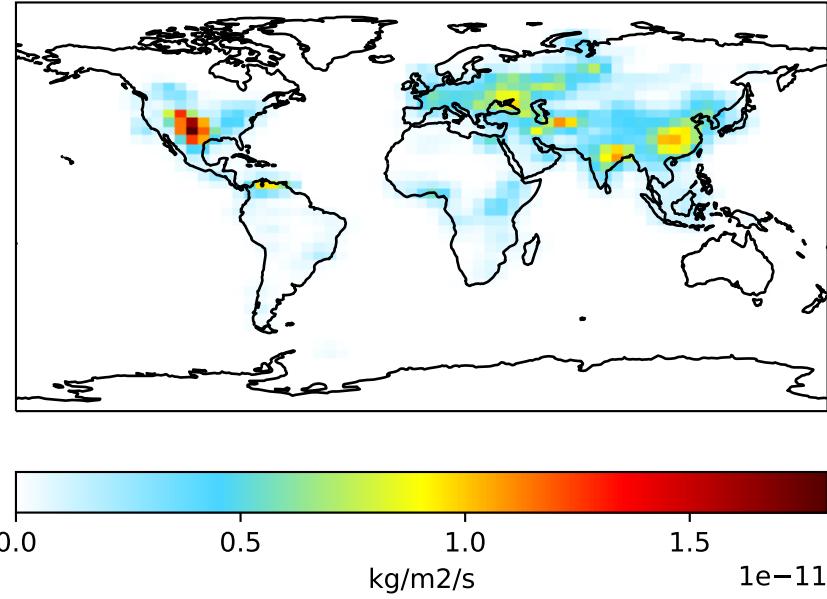


EmisC2H6_Anthro

GCC_13.3.0-rc.1 (Ref)
4.0x5.0

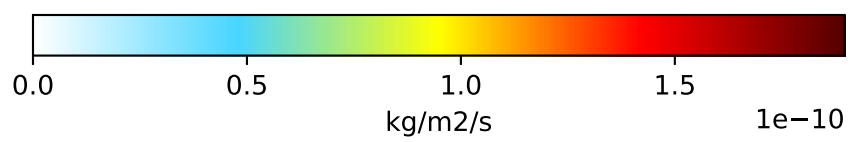
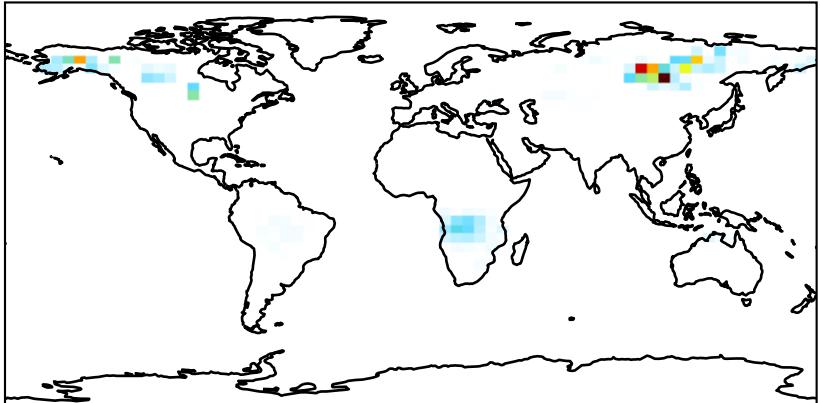


GCC_13.4.0-rc.4 (Dev)
4.0x5.0

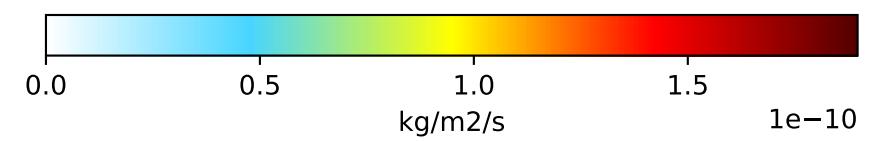
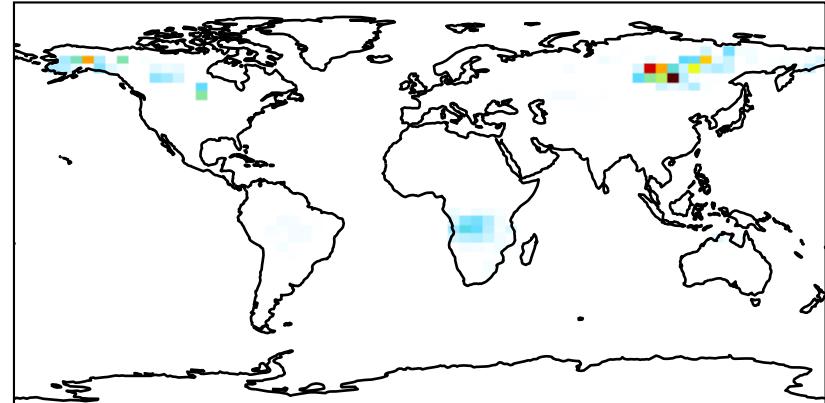


EmisC2H6_BioBurn

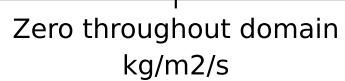
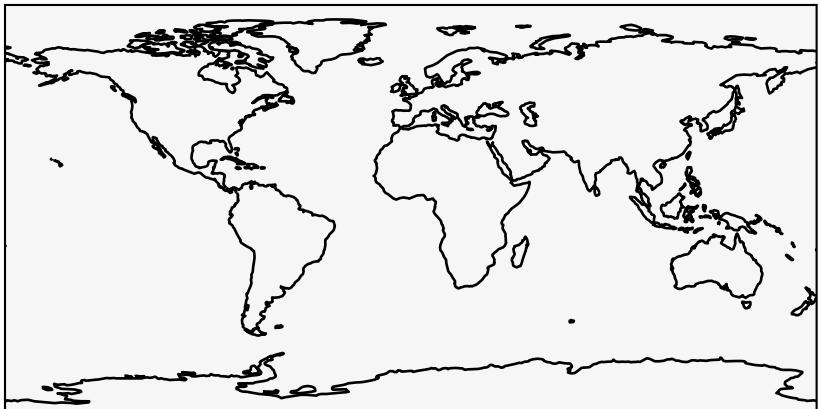
GCC_13.3.0-rc.1 (Ref)
4.0x5.0



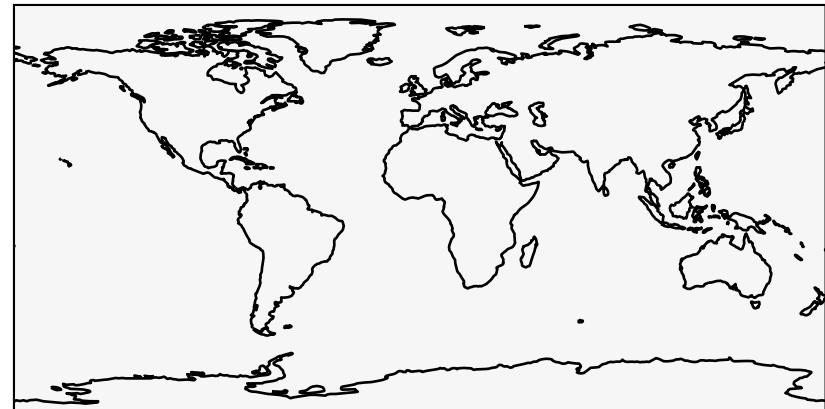
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



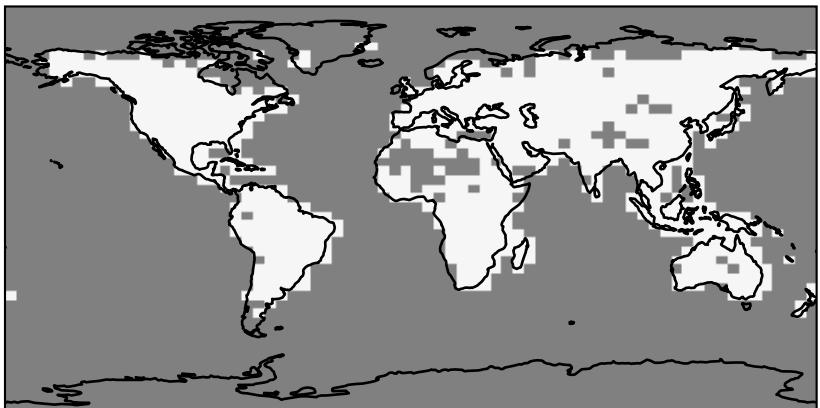
Difference
Dev - Ref, Dynamic Range



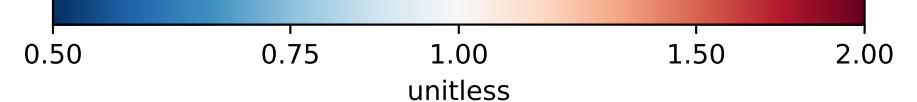
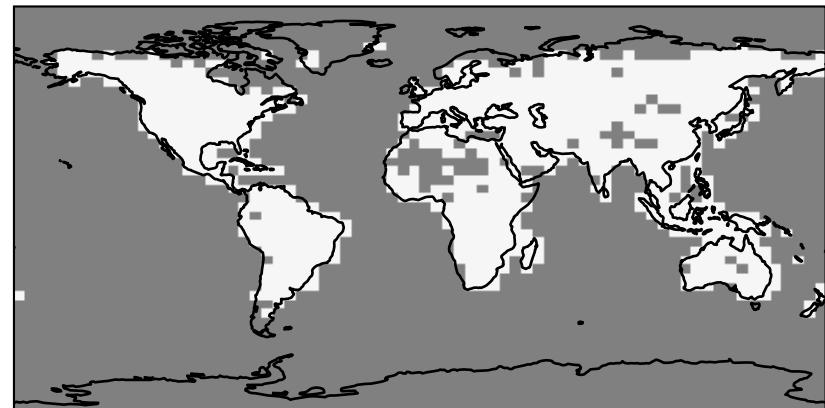
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

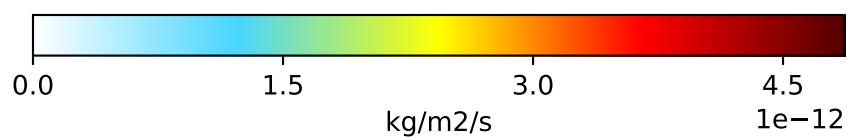
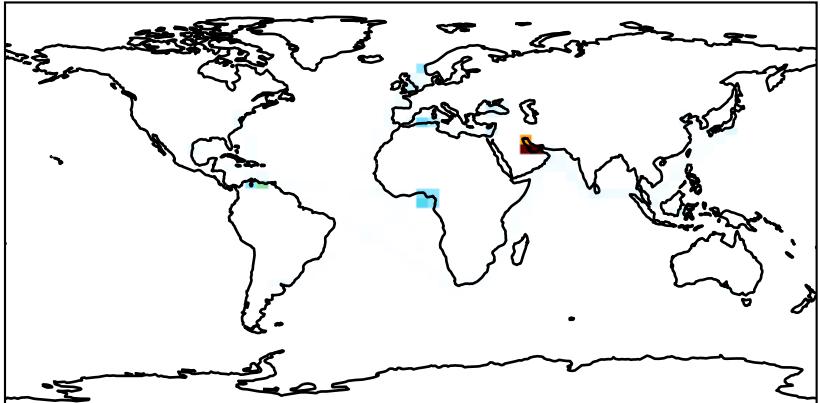


Ratio
Dev/Ref, Fixed Range

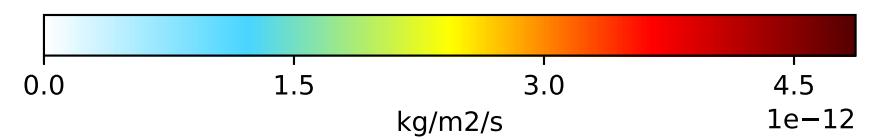
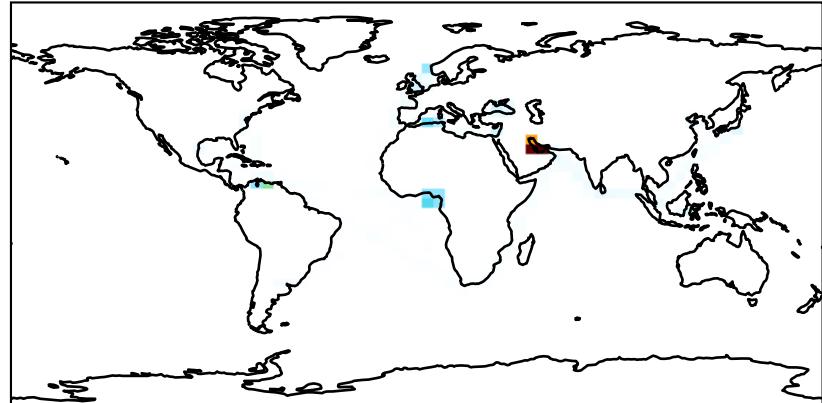


EmisC2H6_Ship

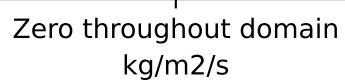
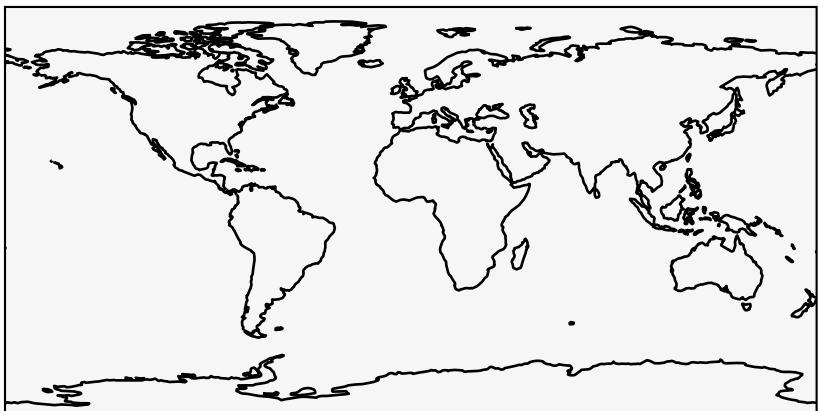
GCC_13.3.0-rc.1 (Ref)
4.0x5.0



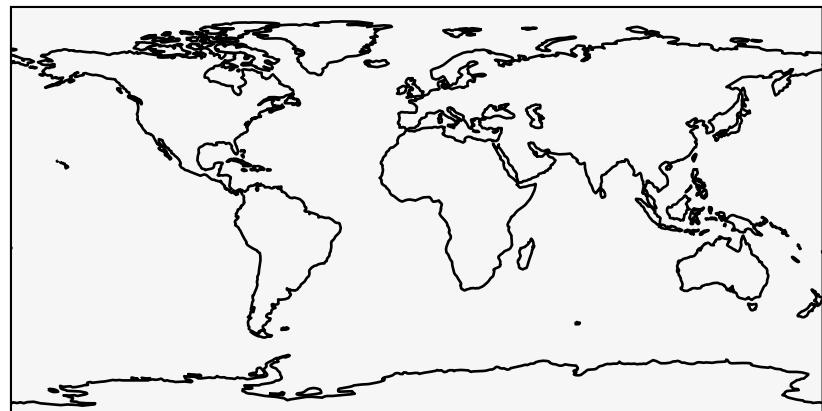
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



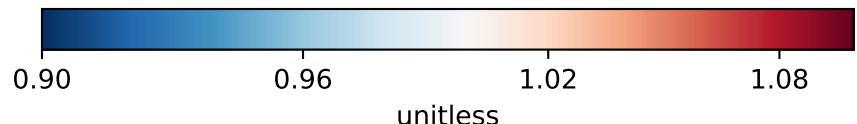
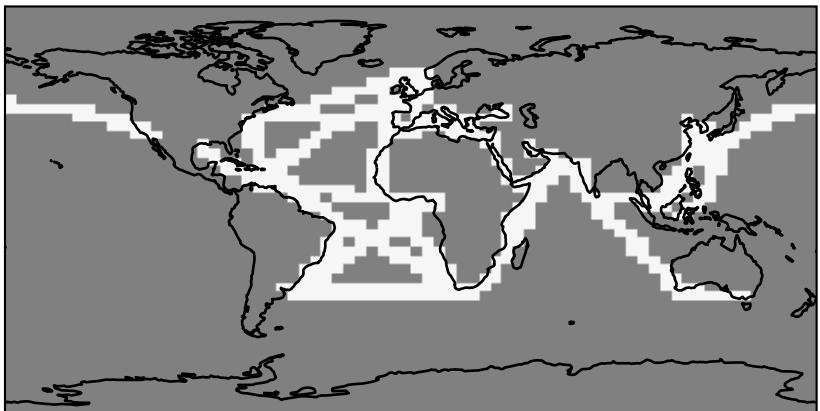
Difference
Dev - Ref, Dynamic Range



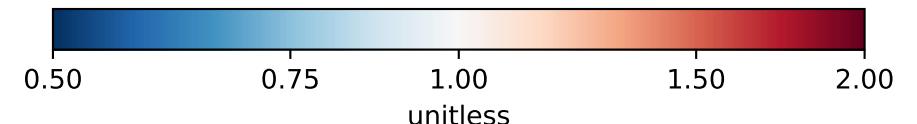
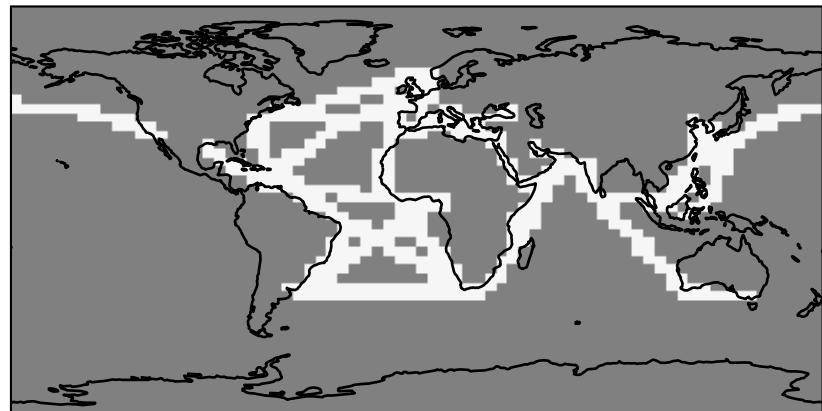
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

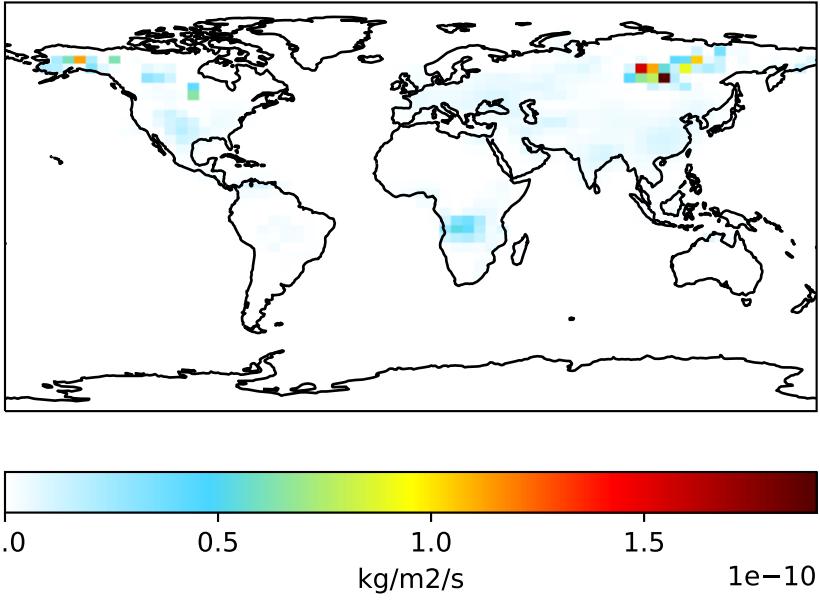


Ratio
Dev/Ref, Fixed Range

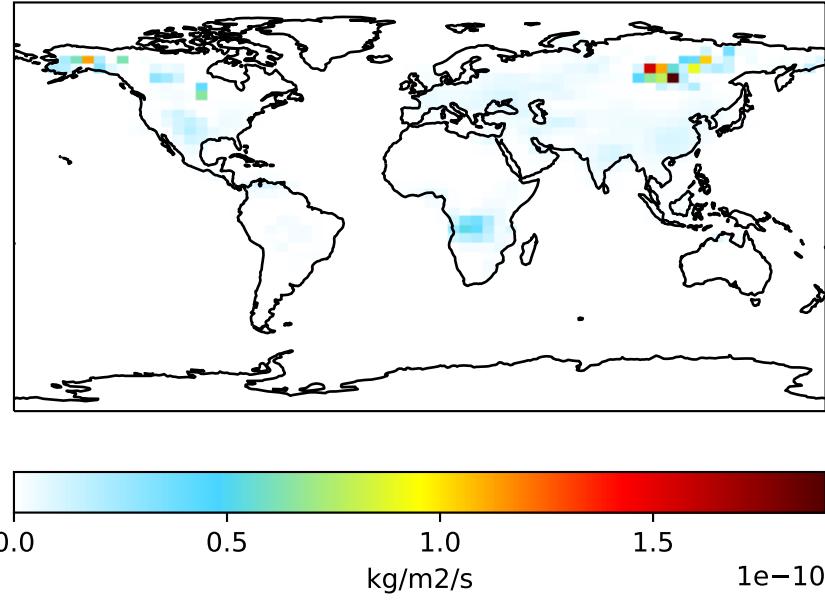


EmisC2H6_Total

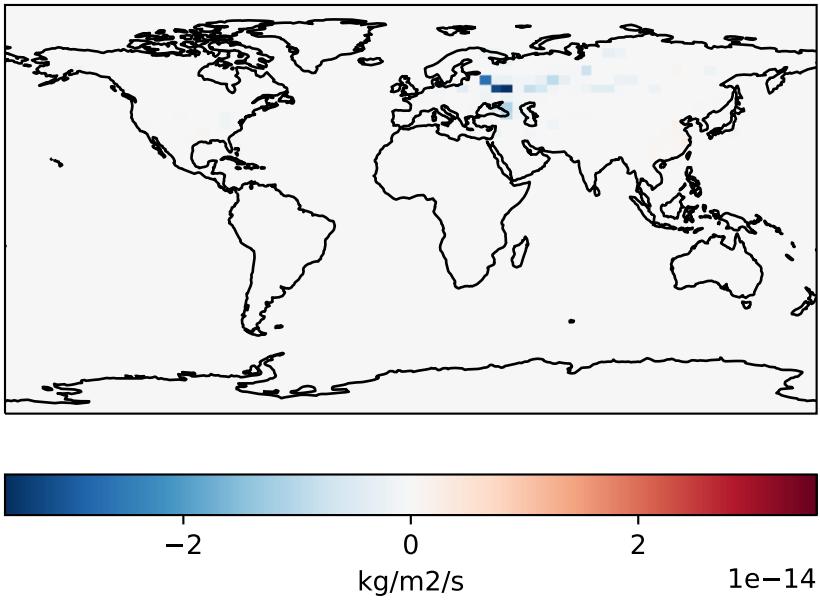
GCC_13.3.0-rc.1 (Ref)
4.0x5.0



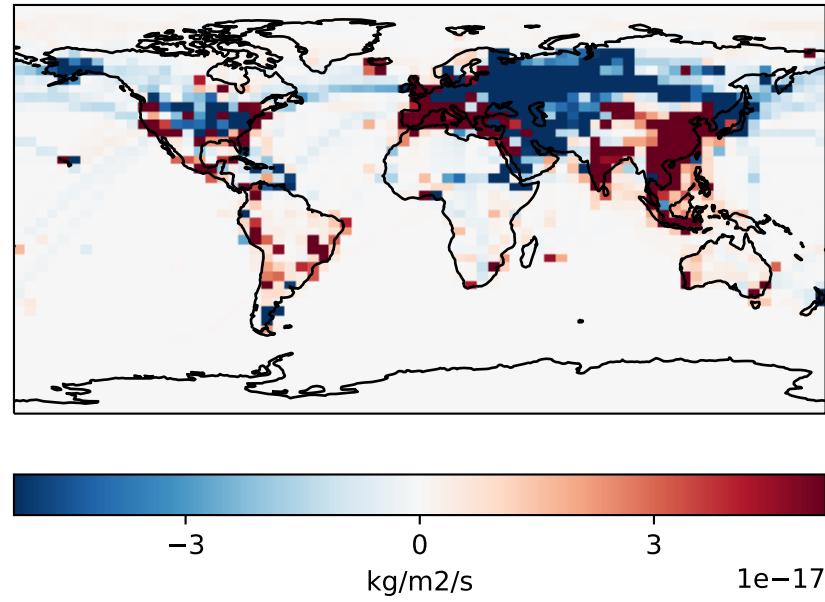
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



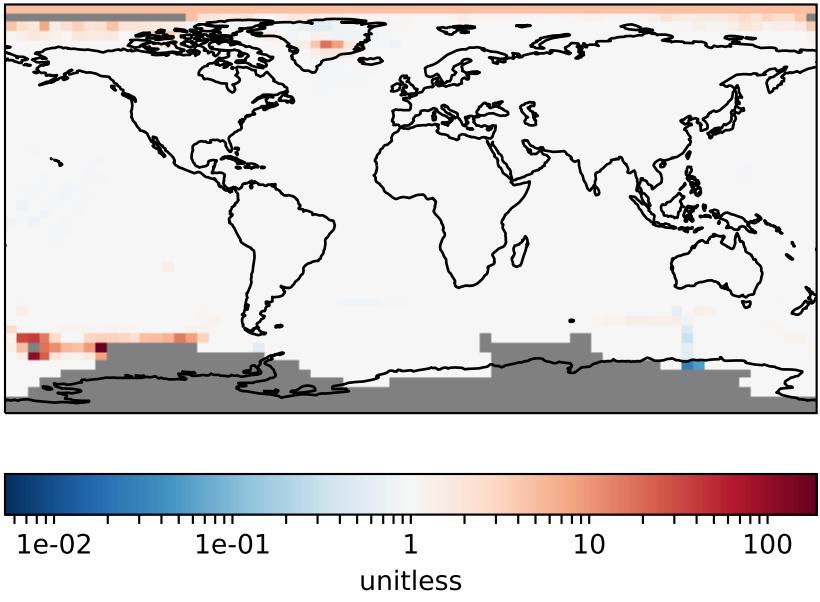
Difference
Dev - Ref, Dynamic Range



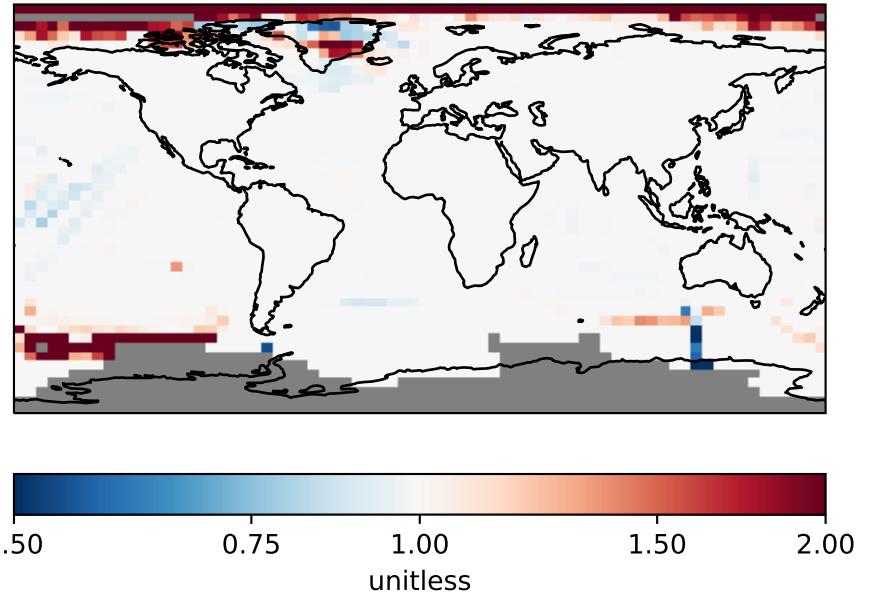
Difference
Dev - Ref, Restricted Range [5%, 95%]



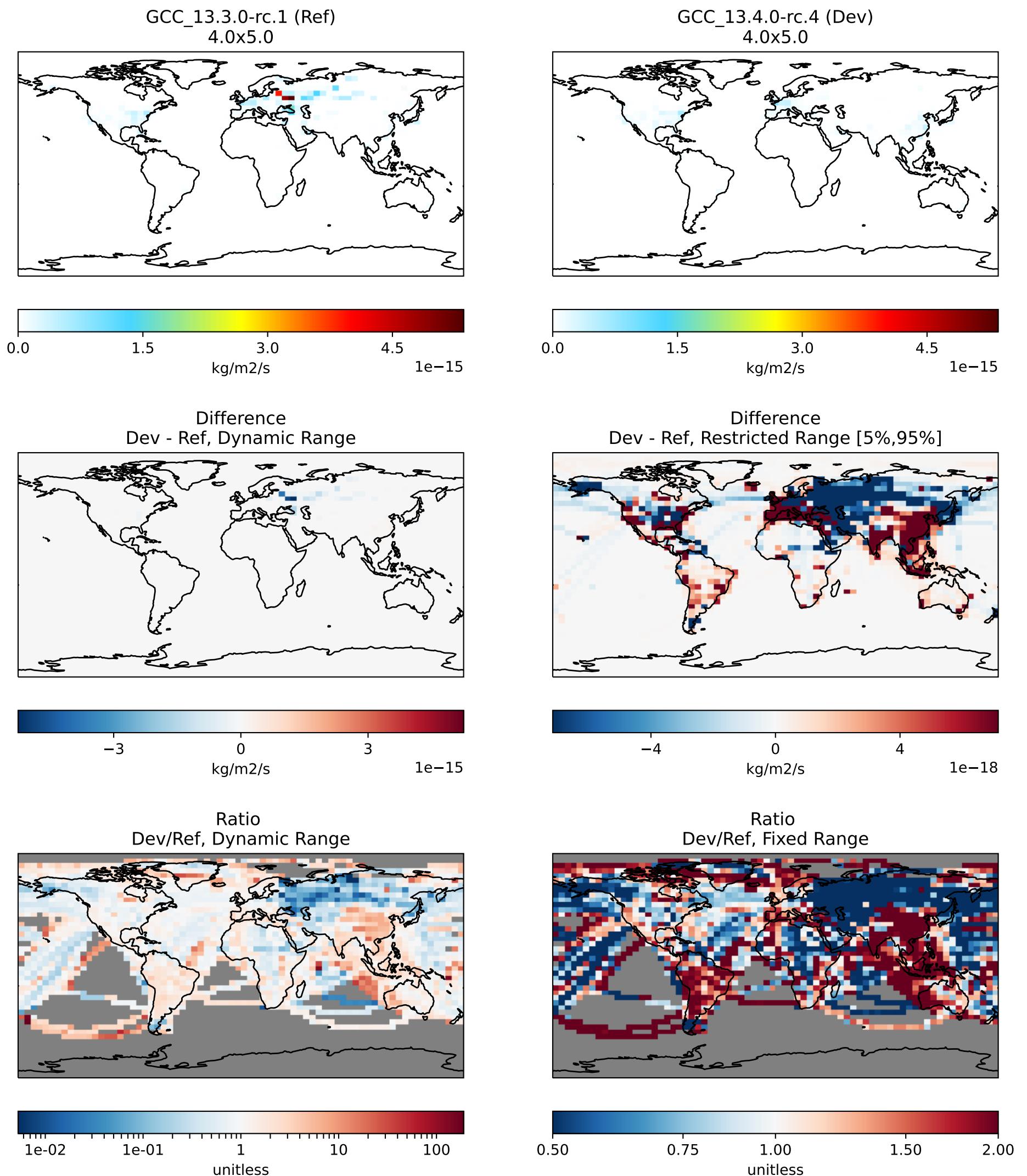
Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

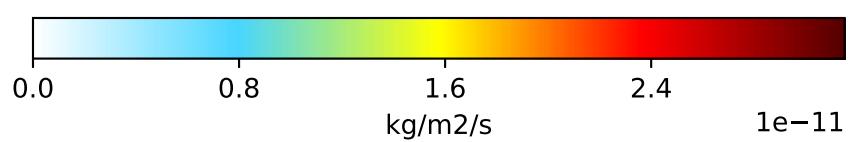
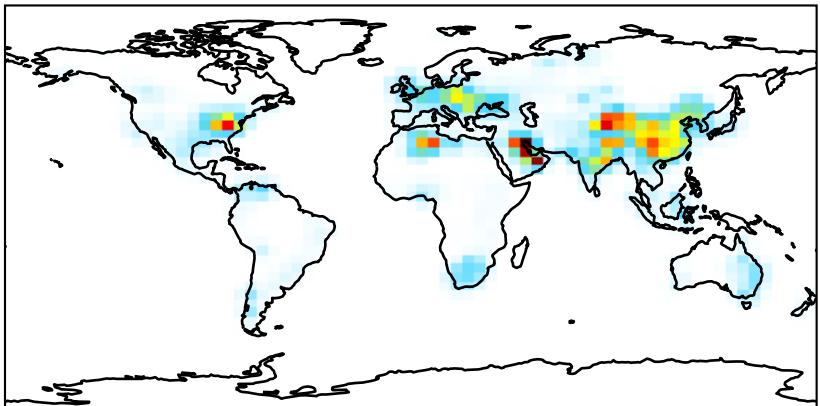


EmisC3H8_Aircraft

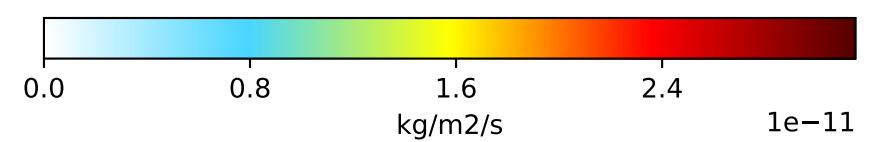
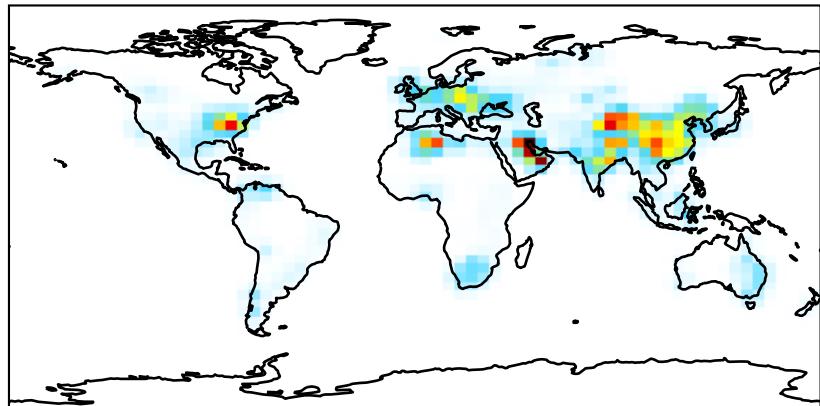


EmisC3H8_Anthro

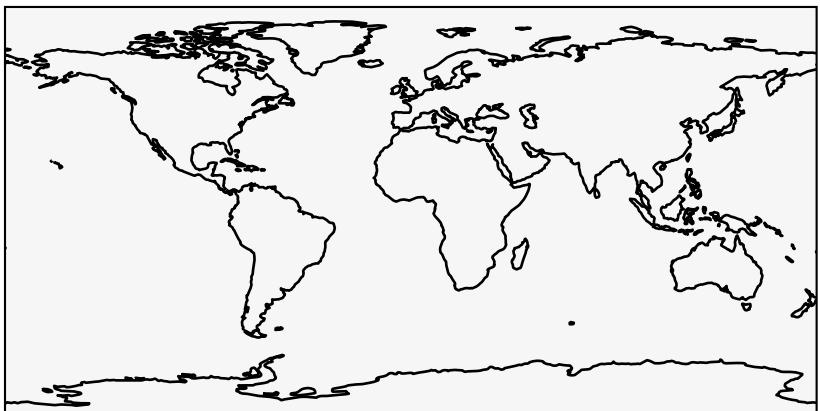
GCC_13.3.0-rc.1 (Ref)
4.0x5.0



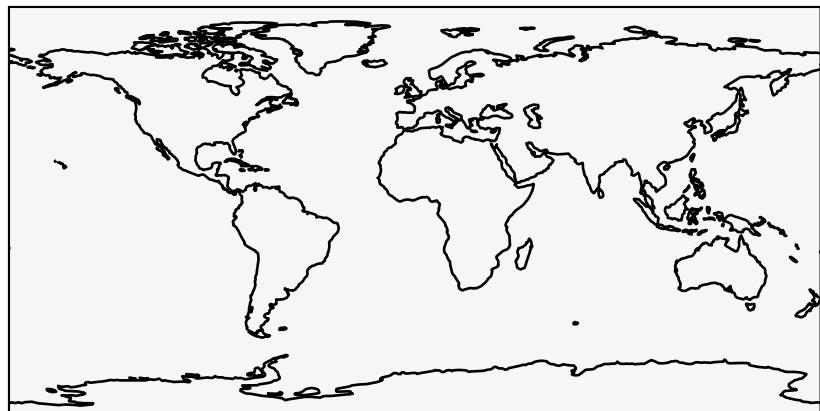
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



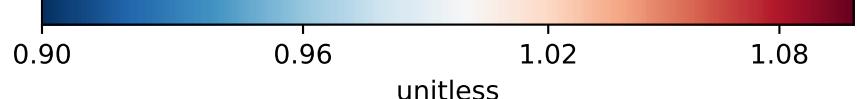
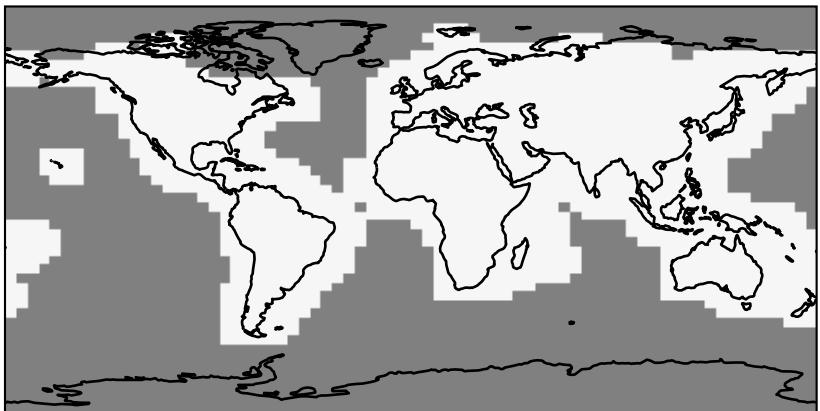
Difference
Dev - Ref, Dynamic Range



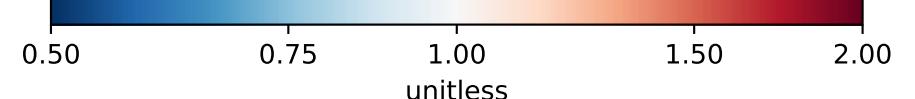
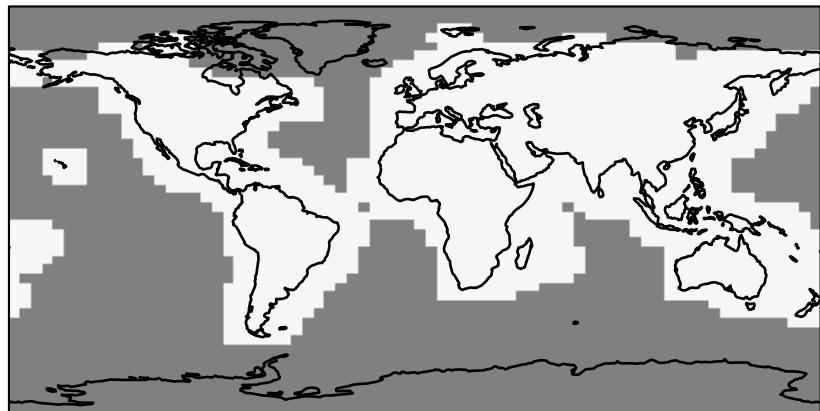
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

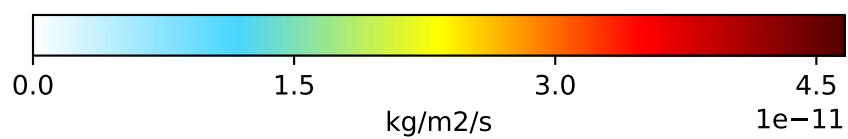
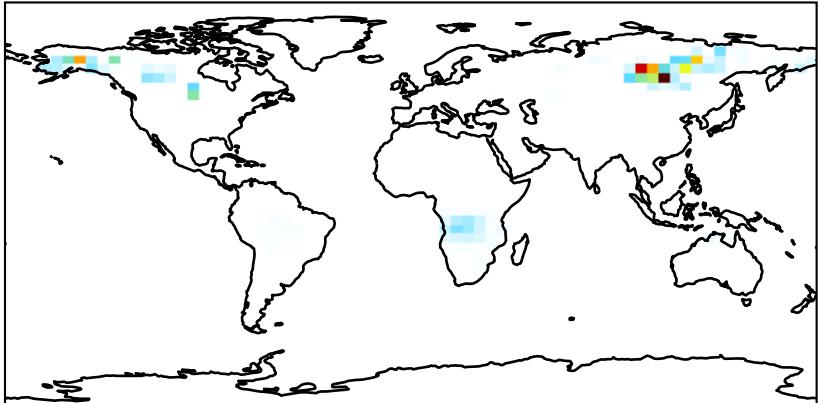


Ratio
Dev/Ref, Fixed Range

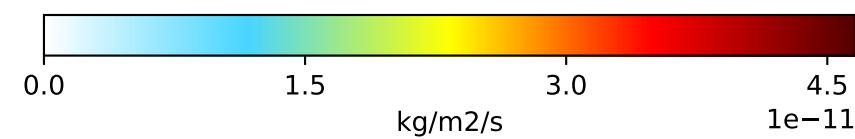
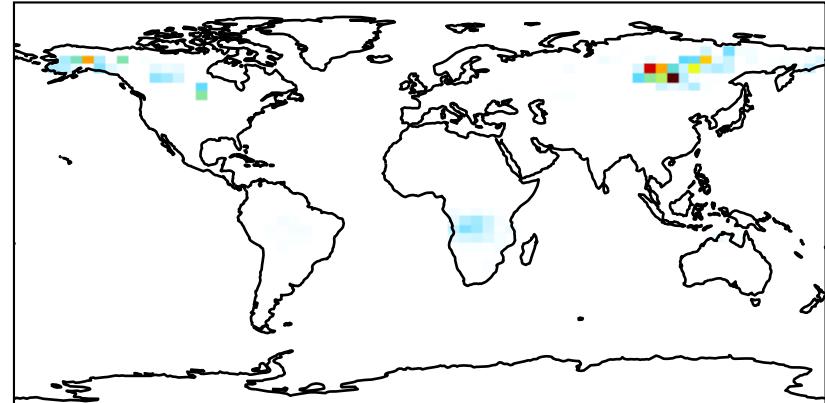


EmisC3H8_BioBurn

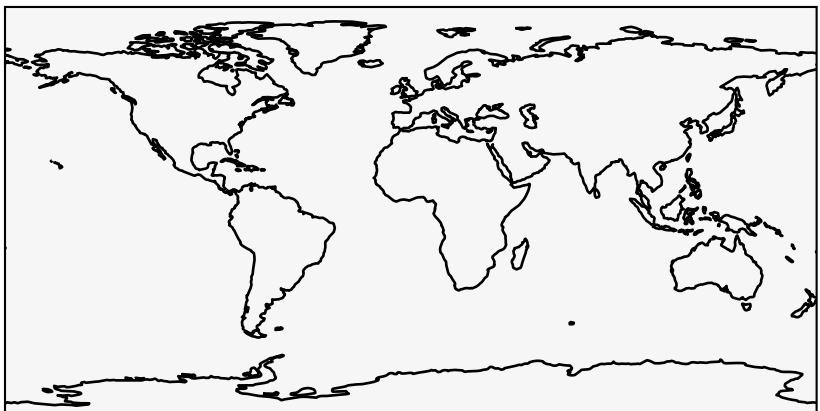
GCC_13.3.0-rc.1 (Ref)
4.0x5.0



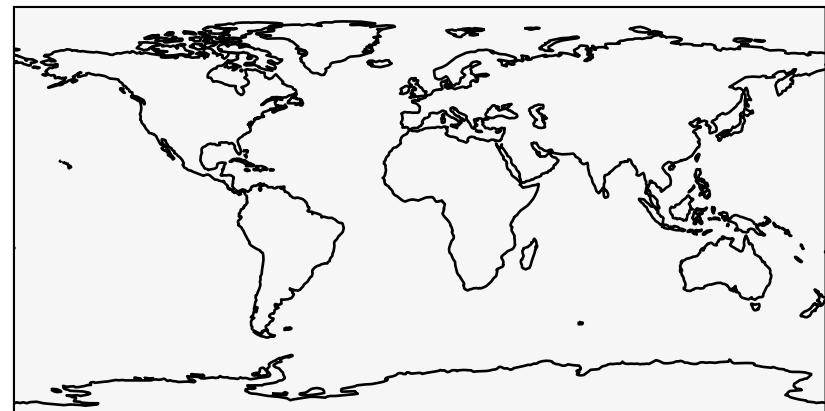
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



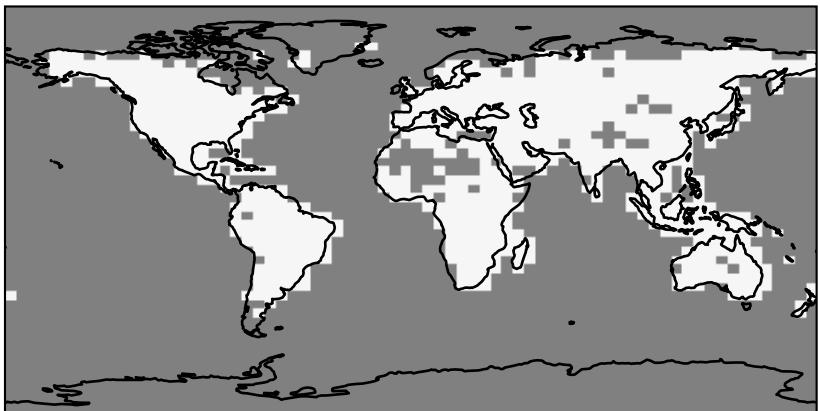
Difference
Dev - Ref, Dynamic Range



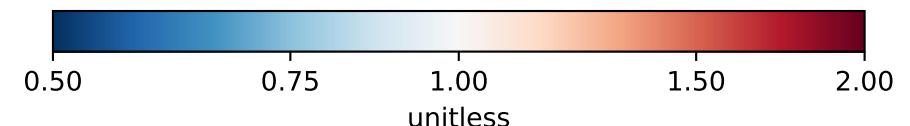
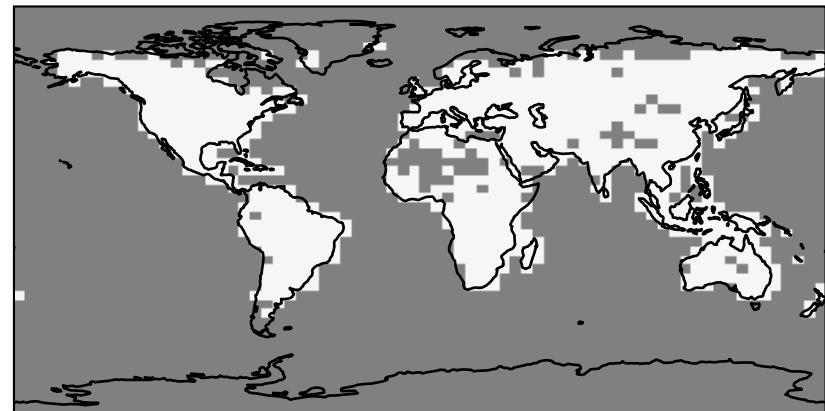
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

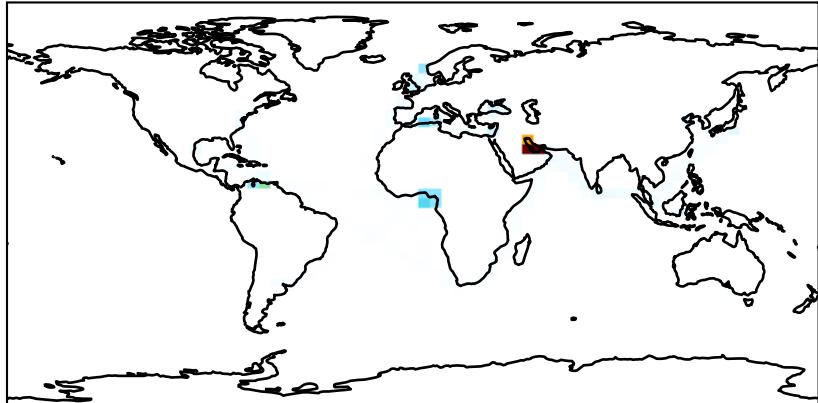


Ratio
Dev/Ref, Fixed Range

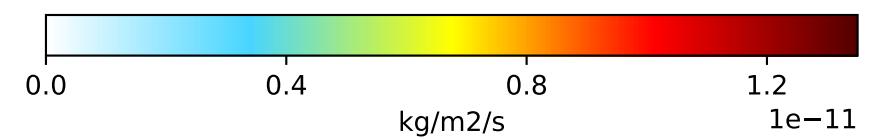
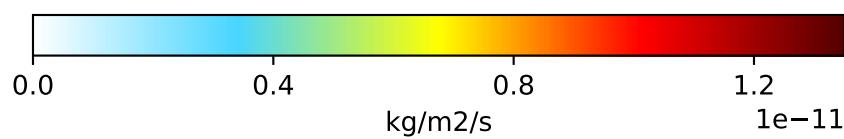
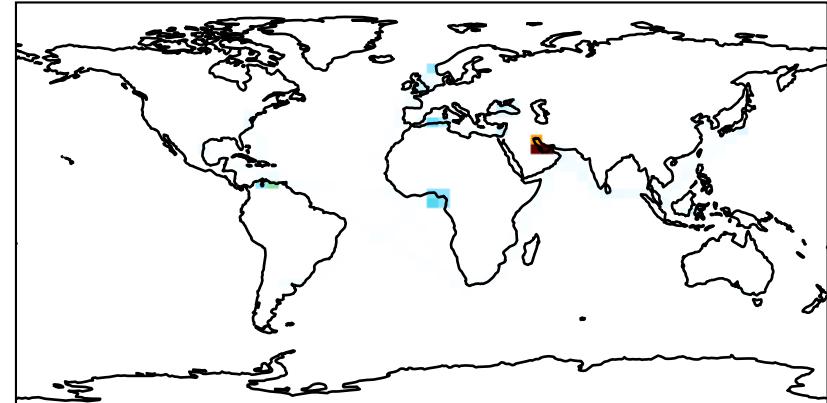


EmisC3H8_Ship

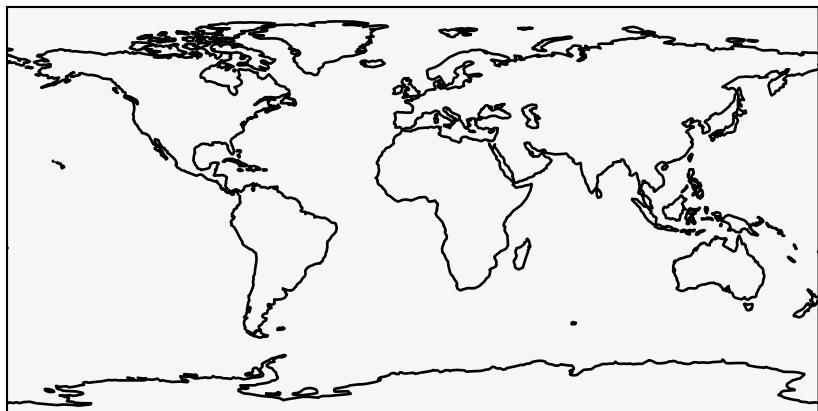
GCC_13.3.0-rc.1 (Ref)
4.0x5.0



GCC_13.4.0-rc.4 (Dev)
4.0x5.0

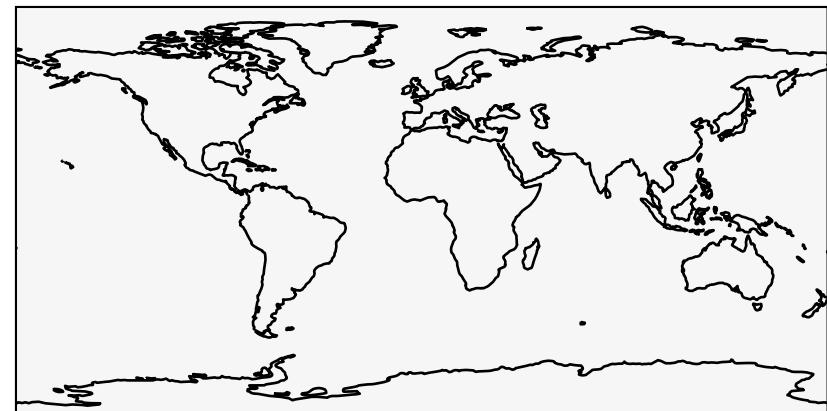


Difference
Dev - Ref, Dynamic Range



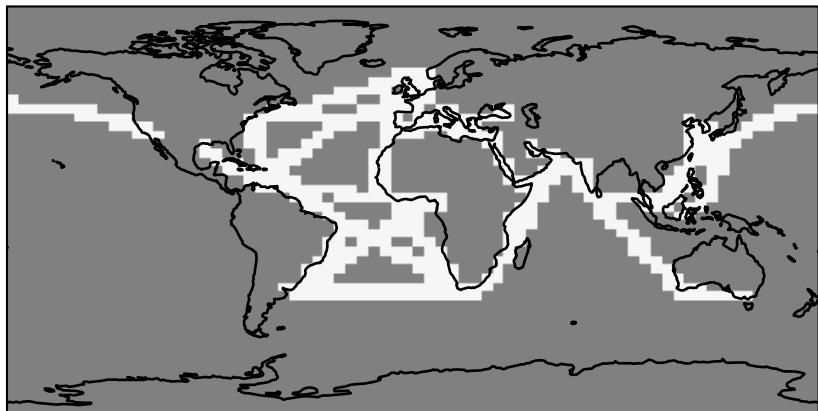
Zero throughout domain
kg/m²/s

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



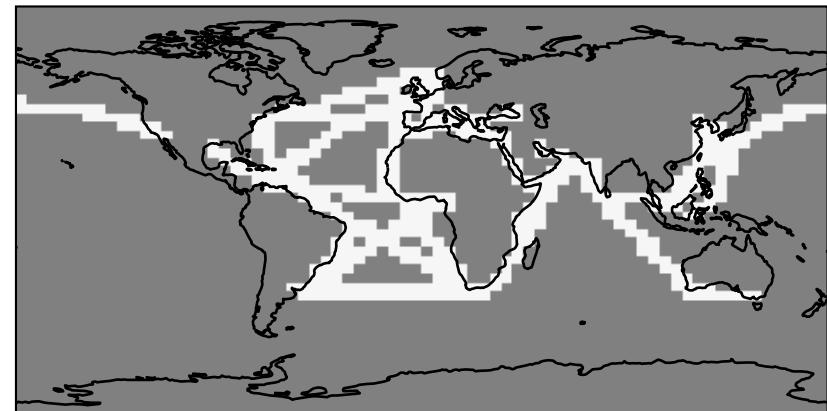
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



0.90 0.96 1.02 1.08
unitless

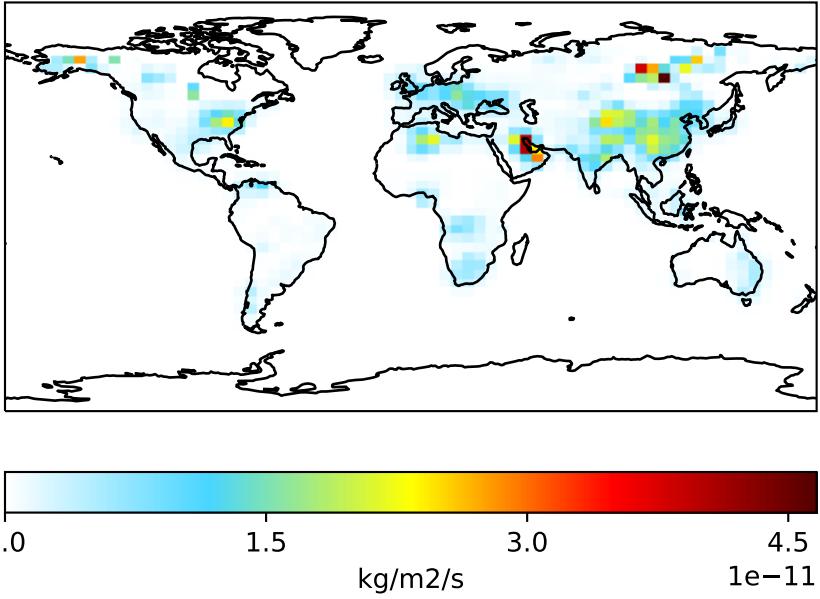
Ratio
Dev/Ref, Fixed Range



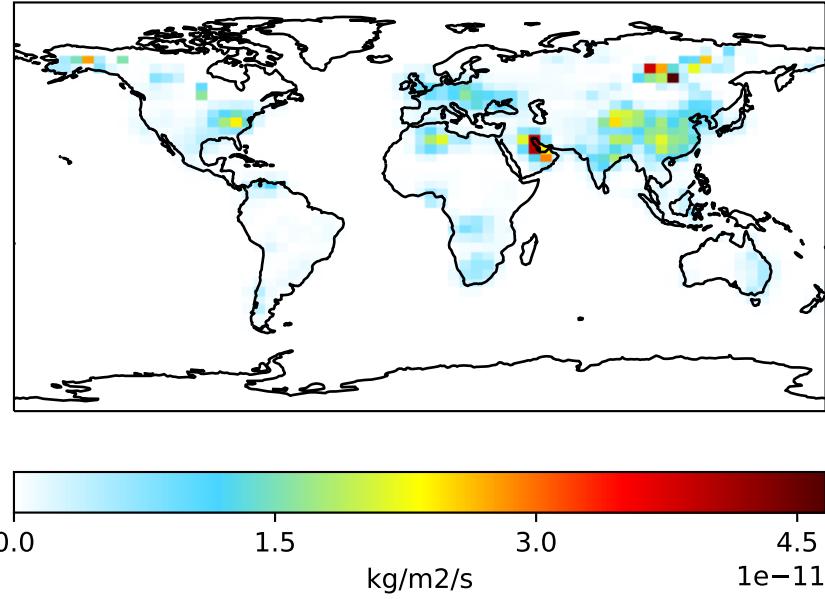
0.50 0.75 1.00 1.50 2.00
unitless

EmisC3H8_Total

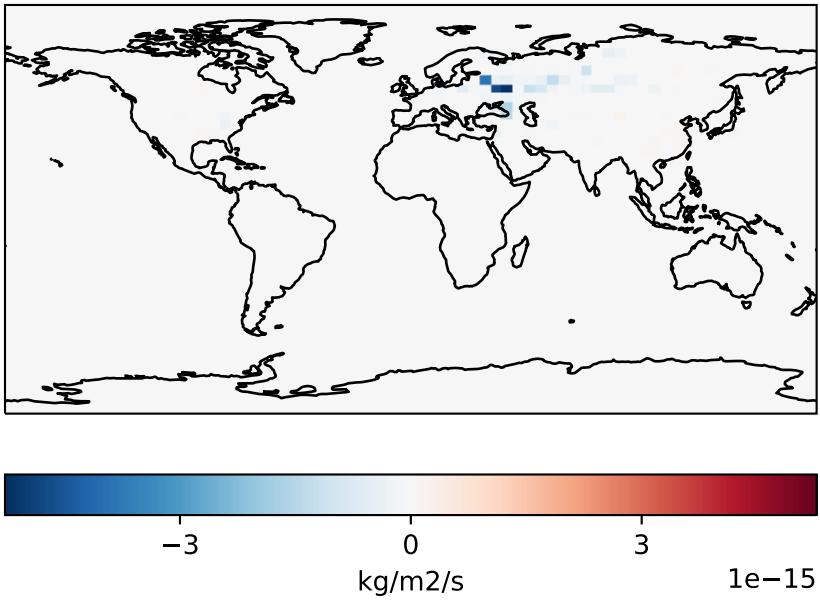
GCC_13.3.0-rc.1 (Ref)
4.0x5.0



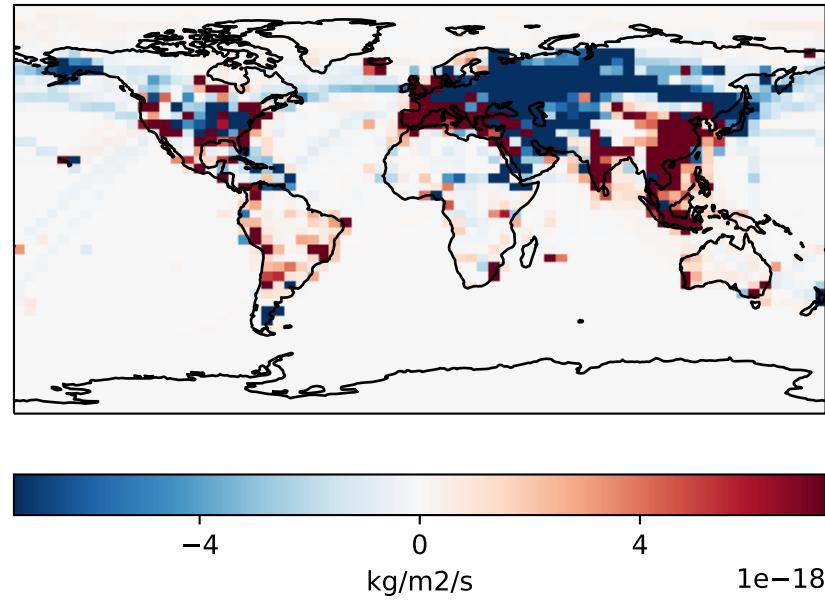
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



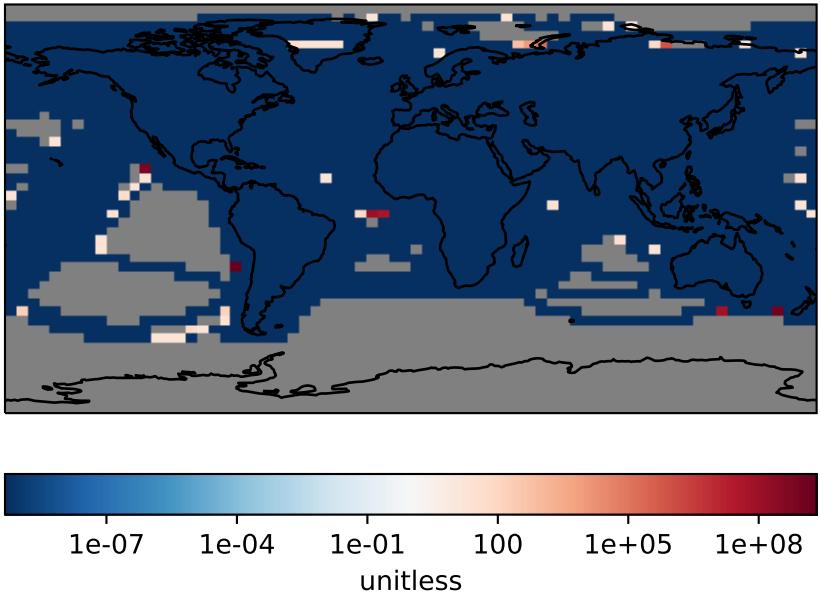
Difference
Dev - Ref, Dynamic Range



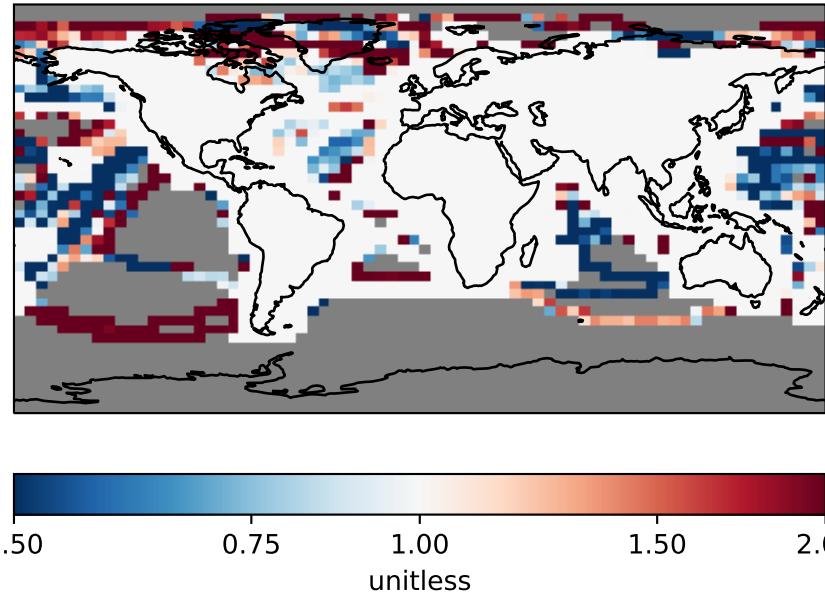
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

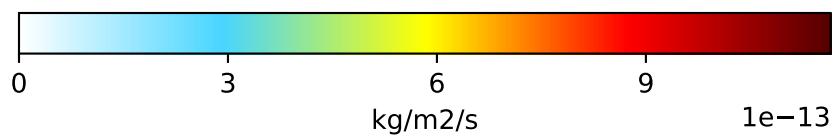
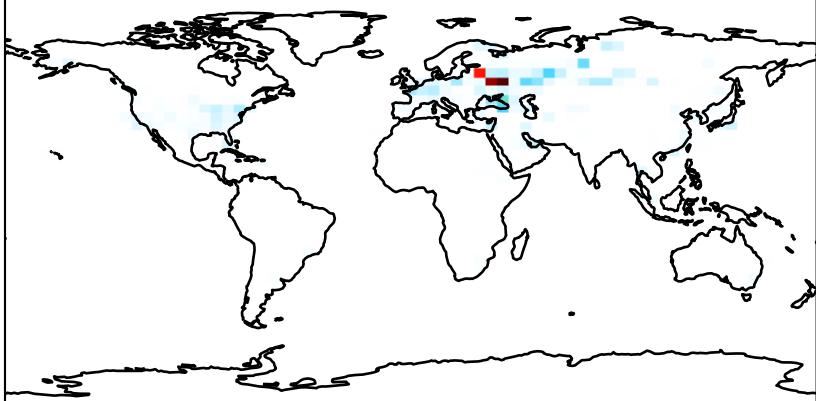


Ratio
Dev/Ref, Fixed Range

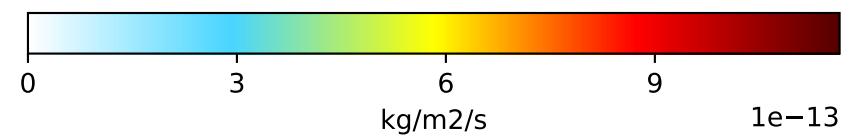
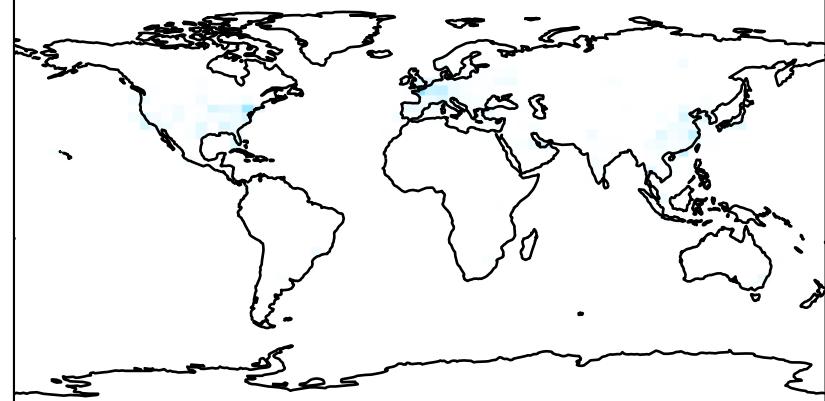


EmisPRPE_Aircraft

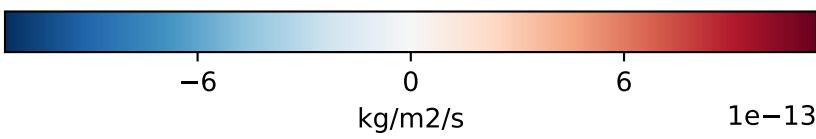
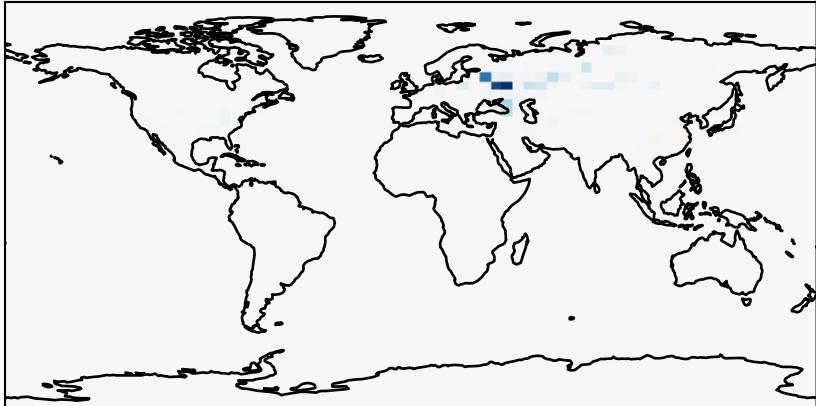
GCC_13.3.0-rc.1 (Ref)
4.0x5.0



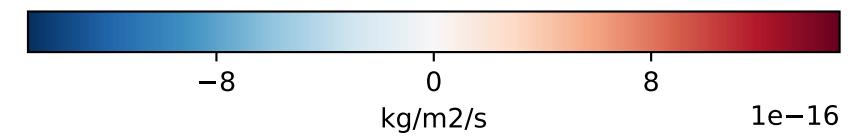
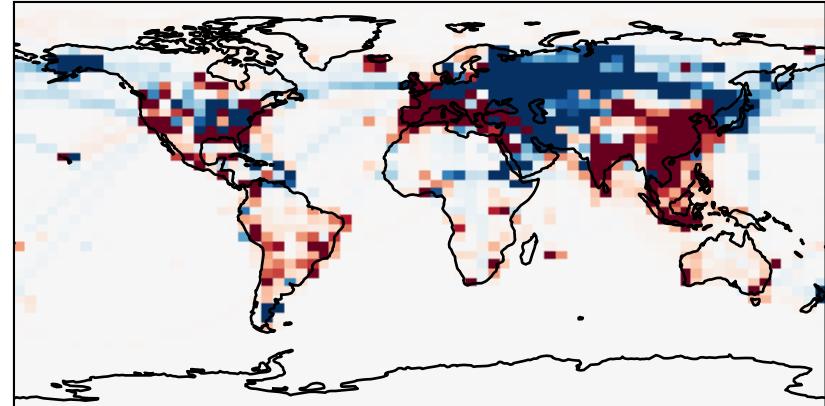
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



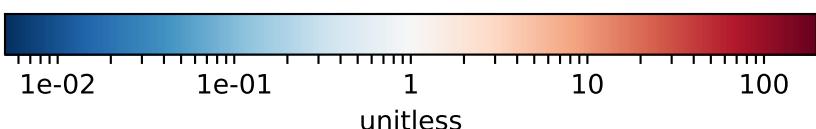
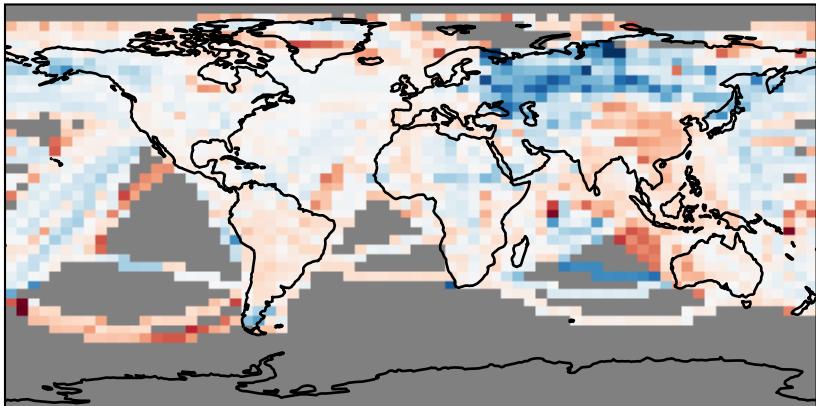
Difference
Dev - Ref, Dynamic Range



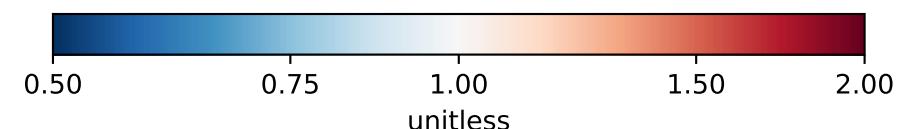
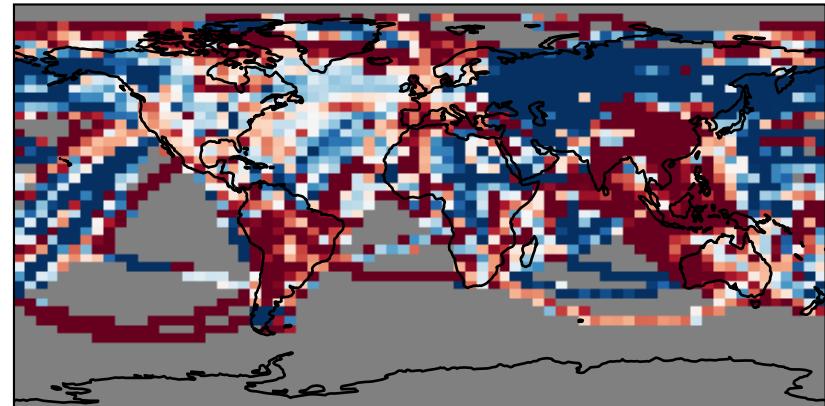
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

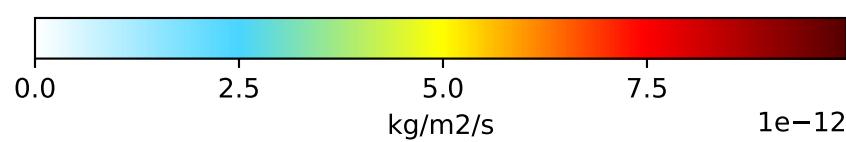
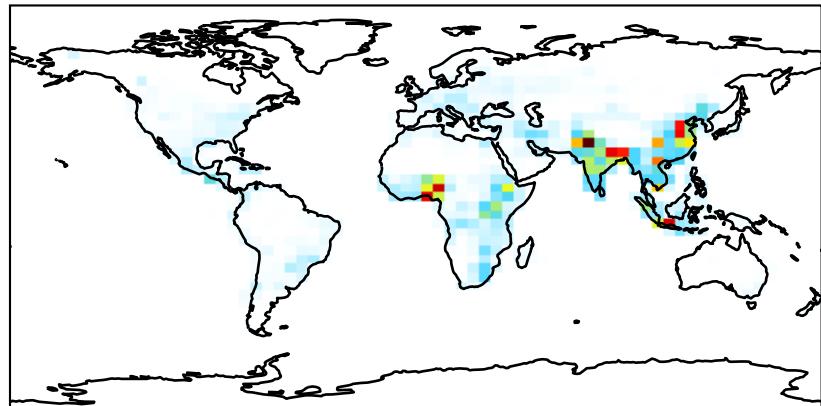


Ratio
Dev/Ref, Fixed Range

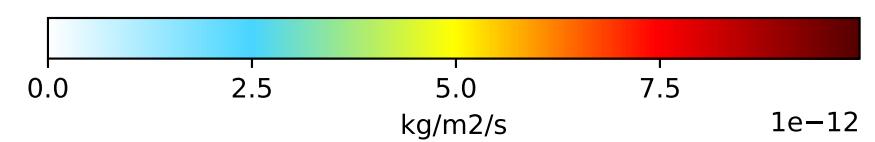
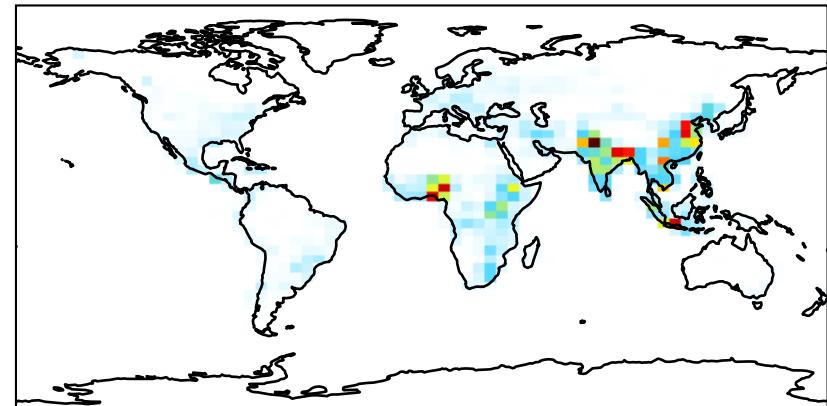


EmisPRPE_Anthro

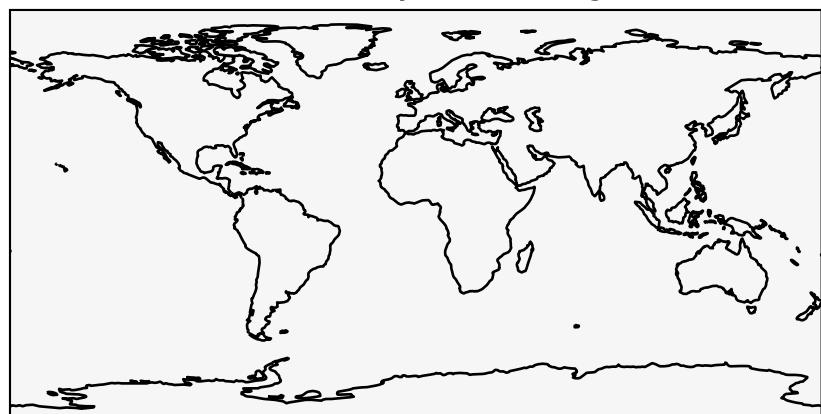
GCC_13.3.0-rc.1 (Ref)
4.0x5.0



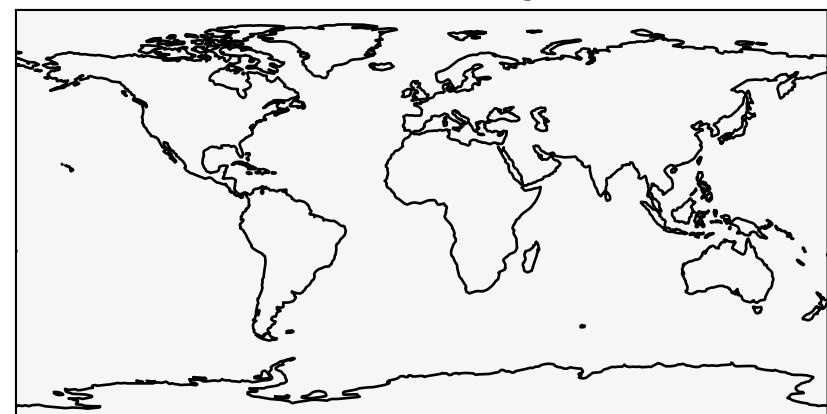
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



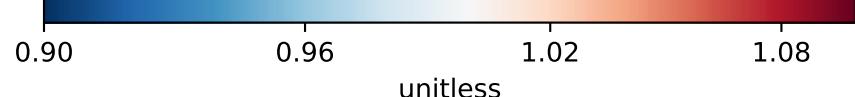
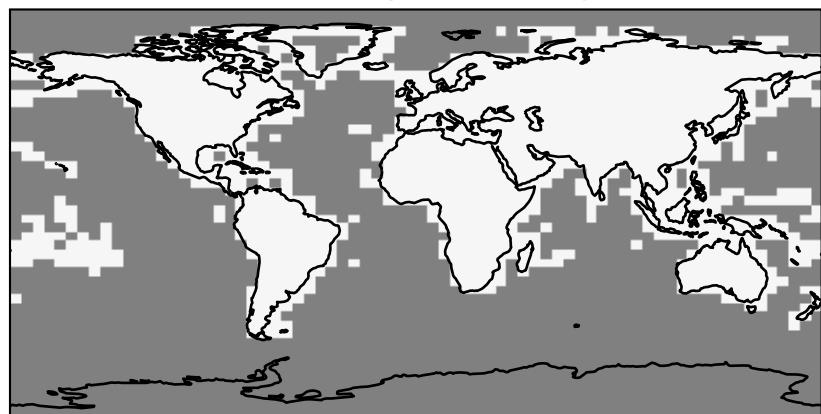
Difference
Dev - Ref, Dynamic Range



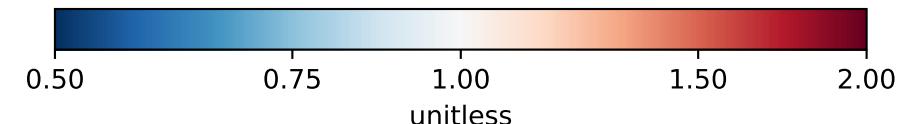
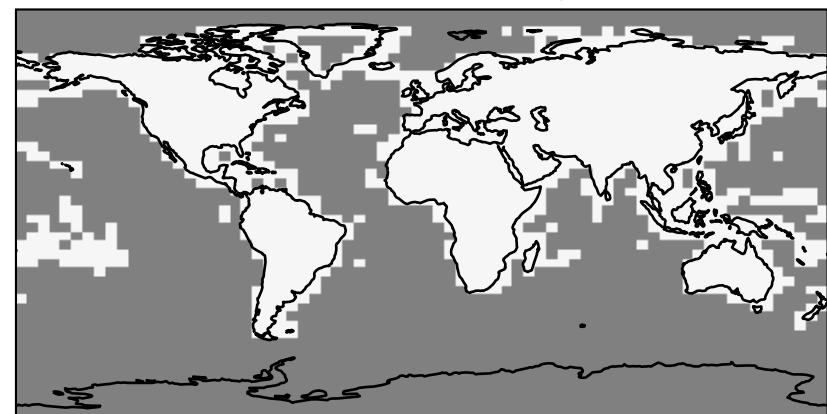
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

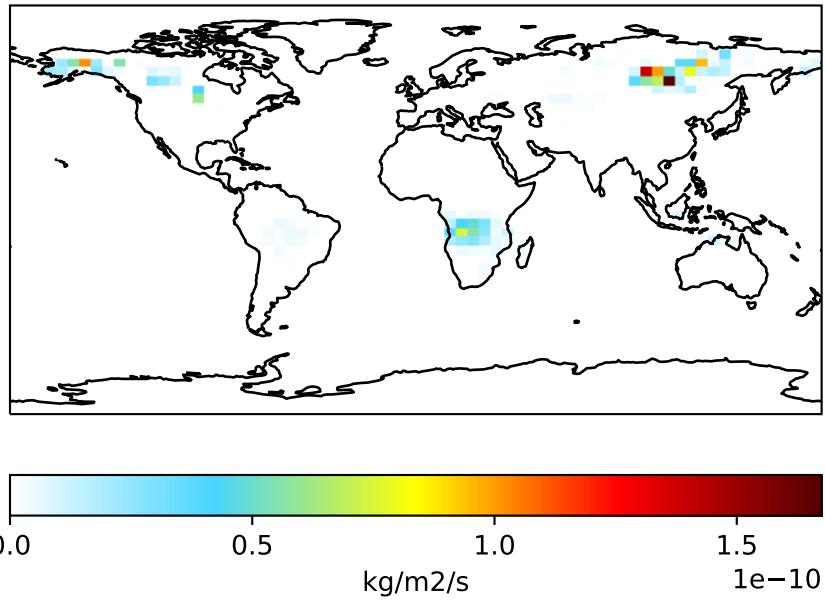


Ratio
Dev/Ref, Fixed Range

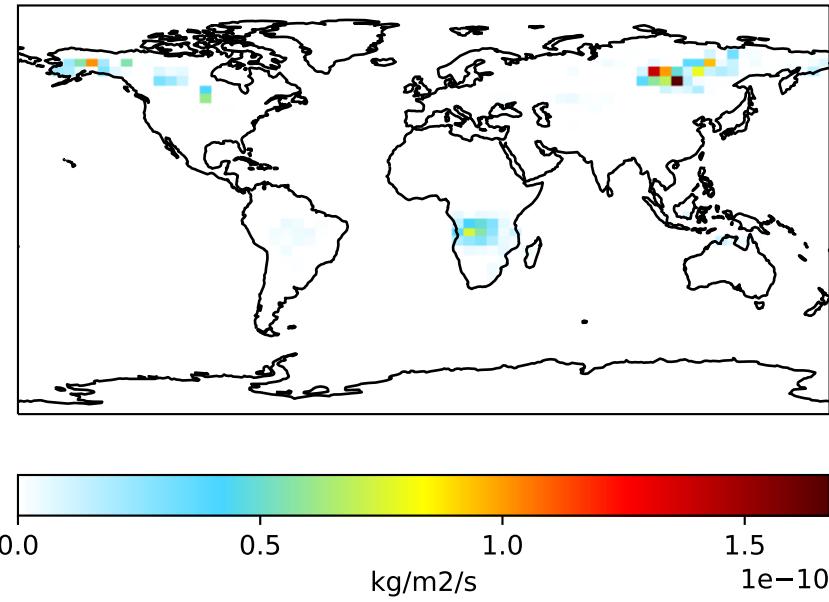


EmisPRPE_BioBurn

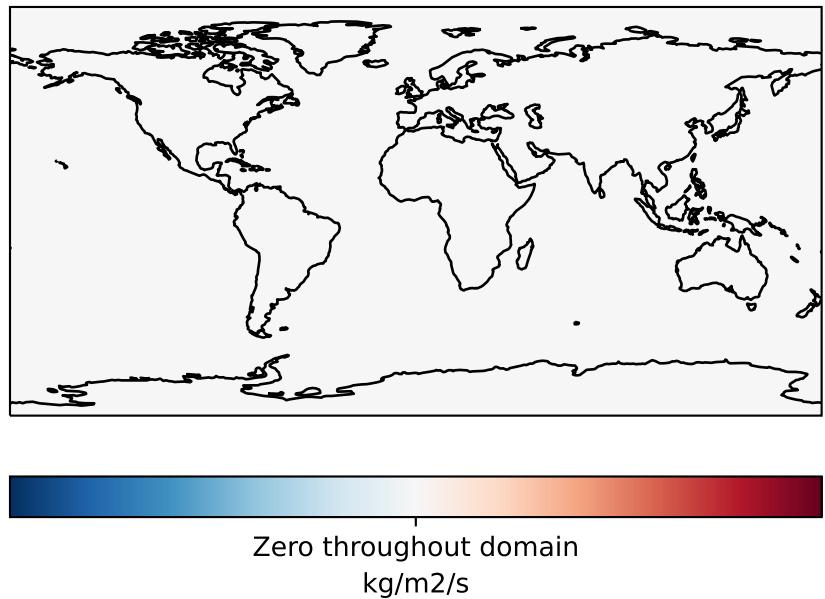
GCC_13.3.0-rc.1 (Ref)
4.0x5.0



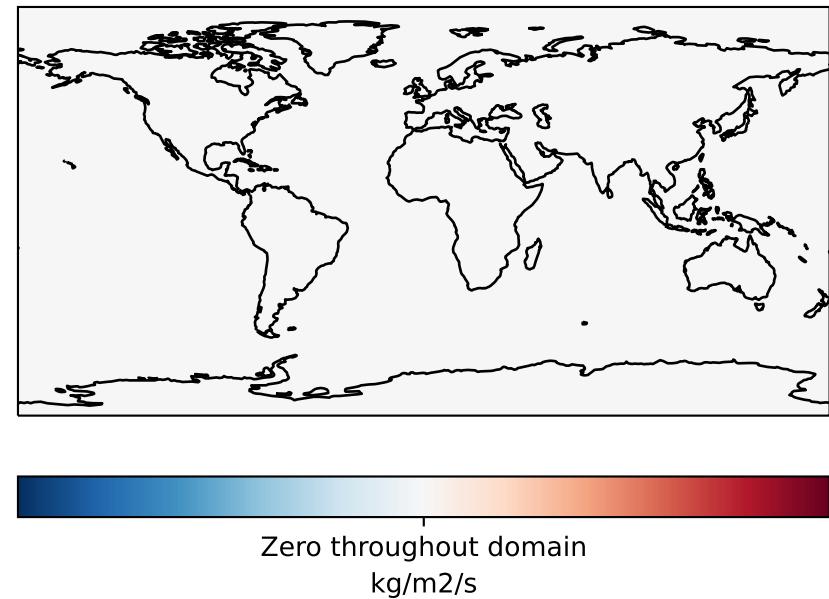
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



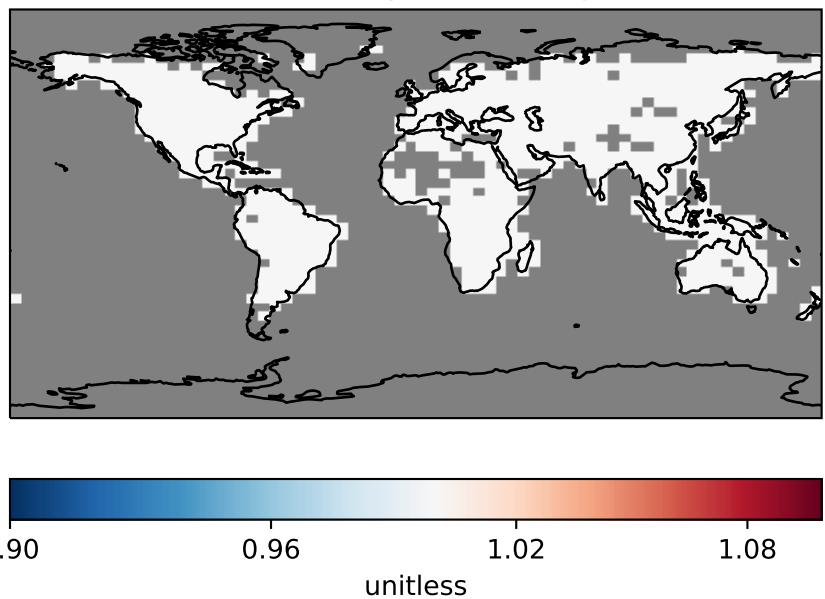
Difference
Dev - Ref, Dynamic Range



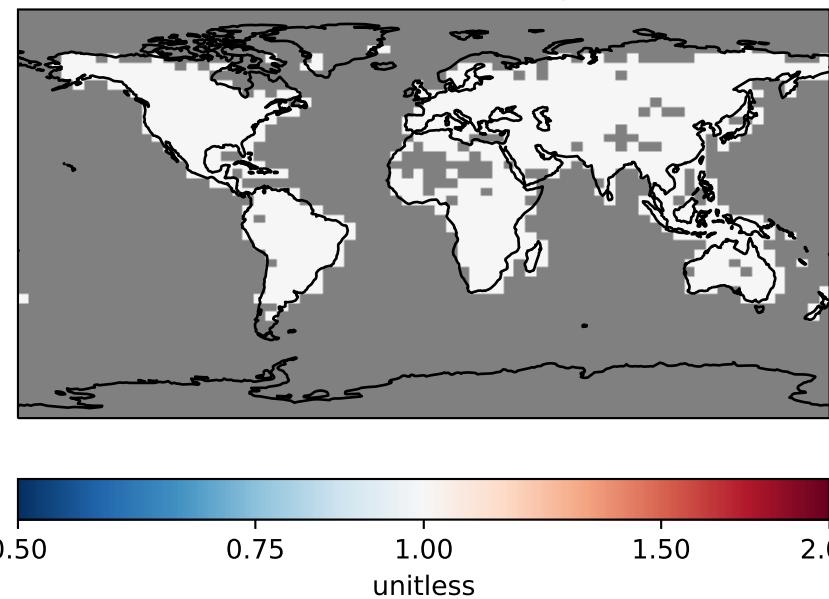
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

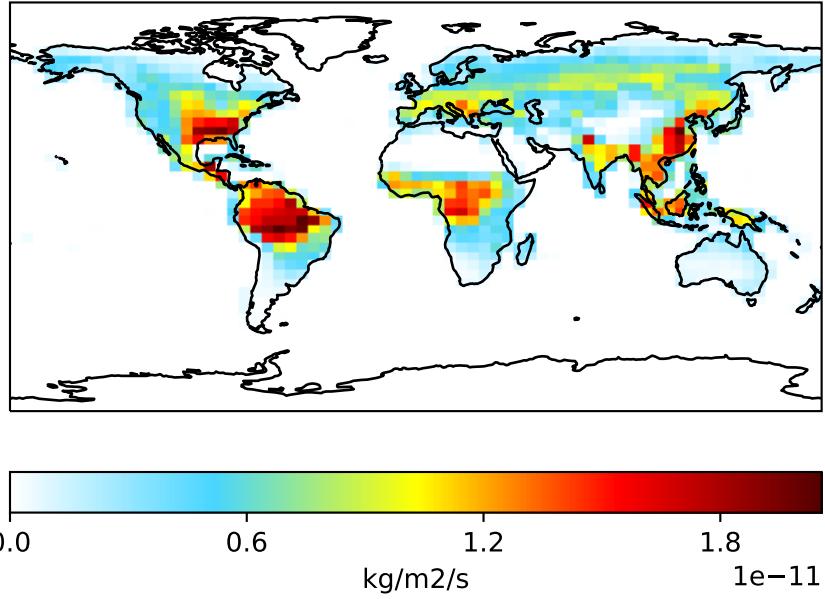


Ratio
Dev/Ref, Fixed Range

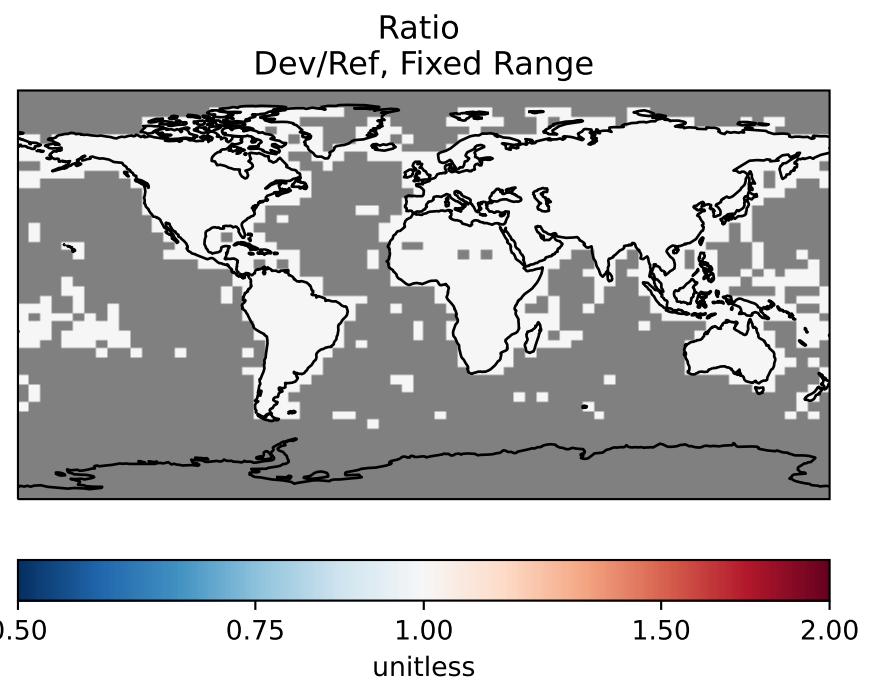
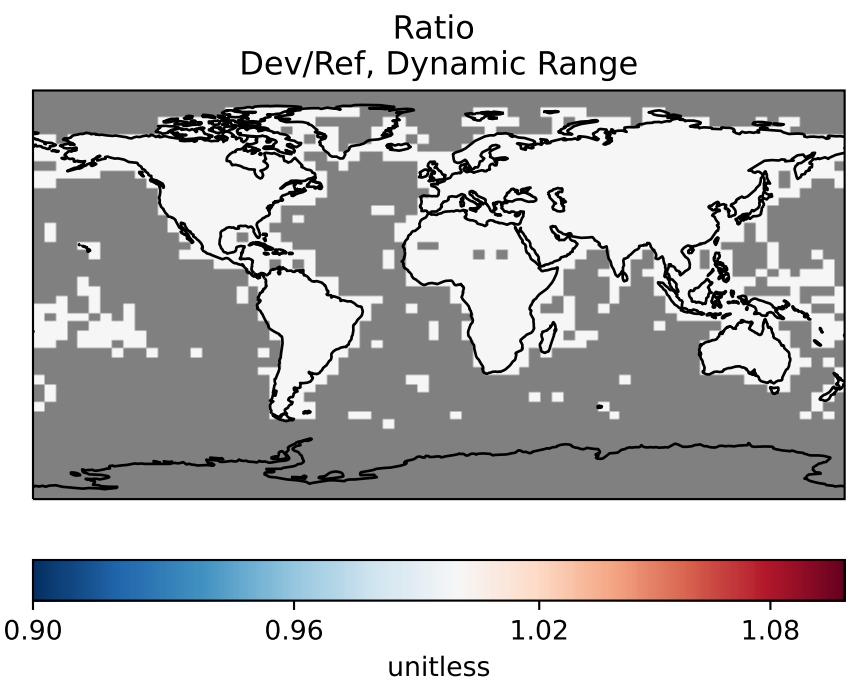
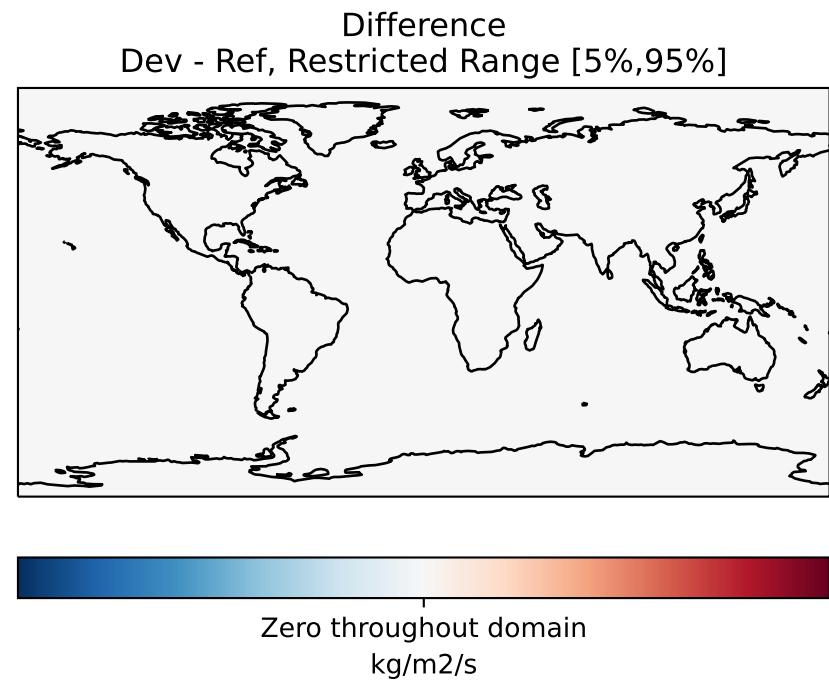
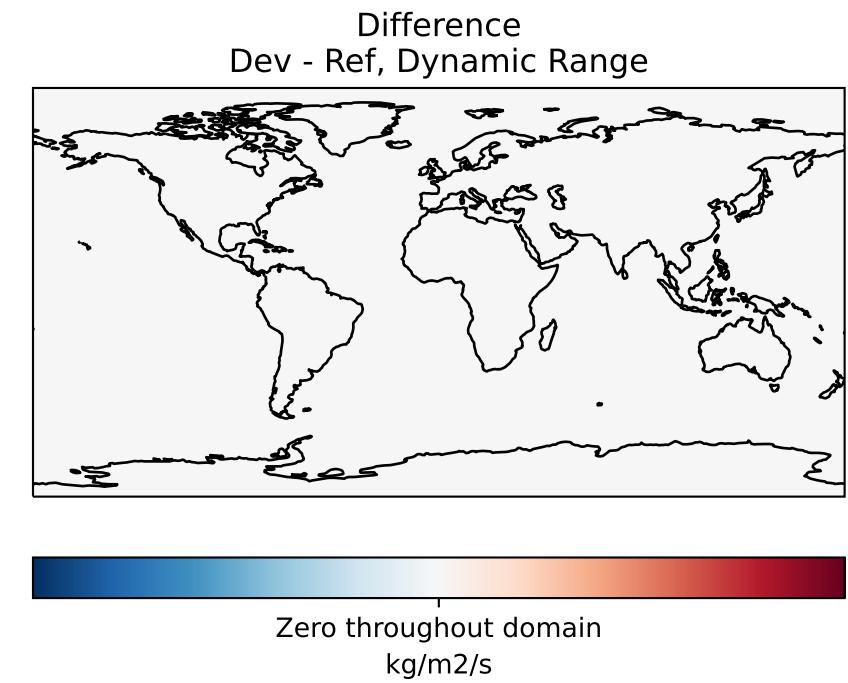
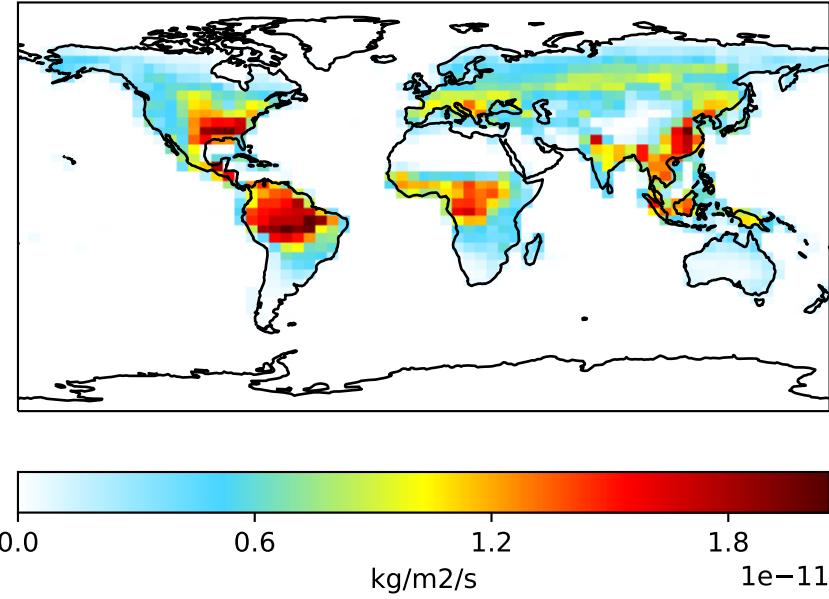


EmisPRPE_Biogenic

GCC_13.3.0-rc.1 (Ref)
4.0x5.0

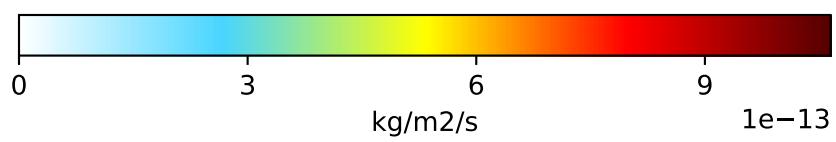
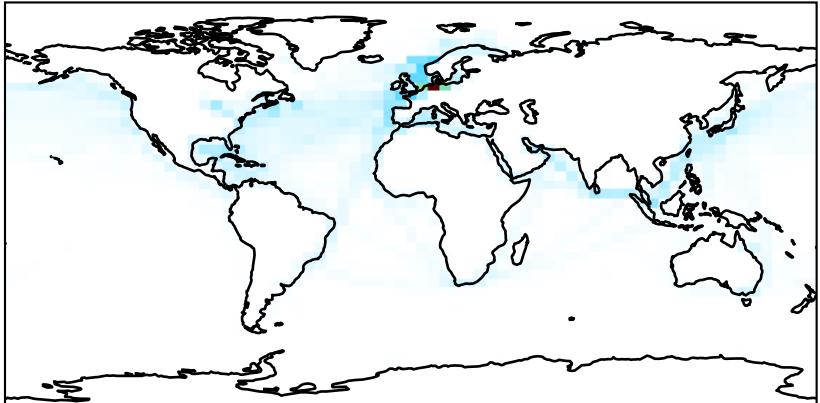


GCC_13.4.0-rc.4 (Dev)
4.0x5.0

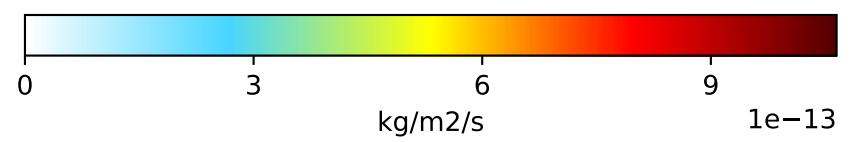
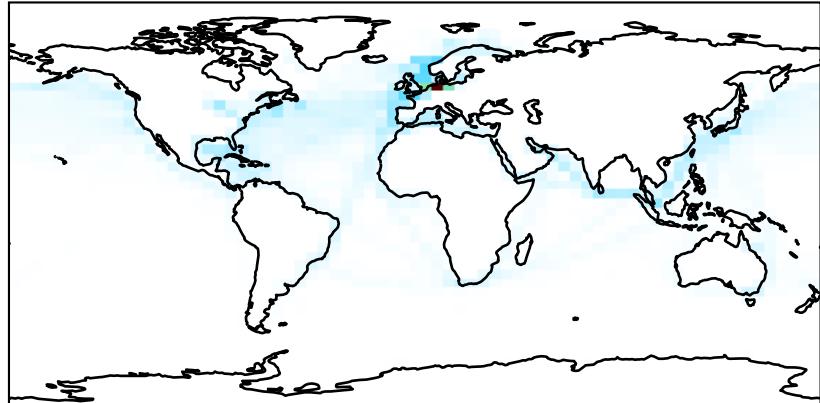


EmisPRPE_Ship

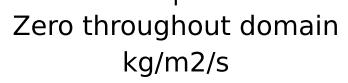
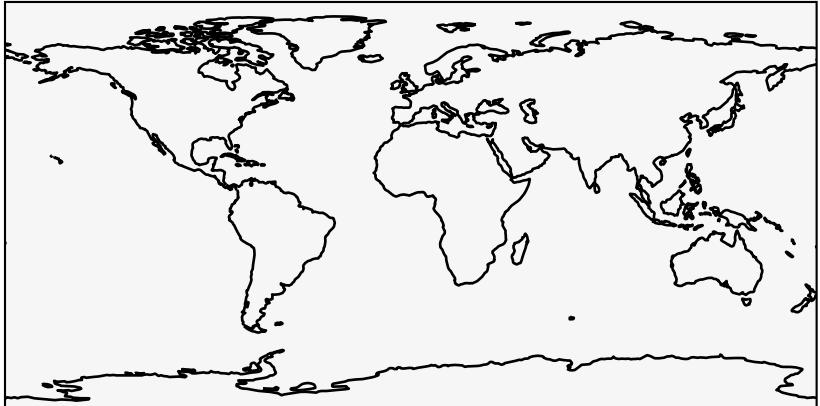
GCC_13.3.0-rc.1 (Ref)
4.0x5.0



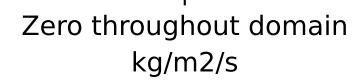
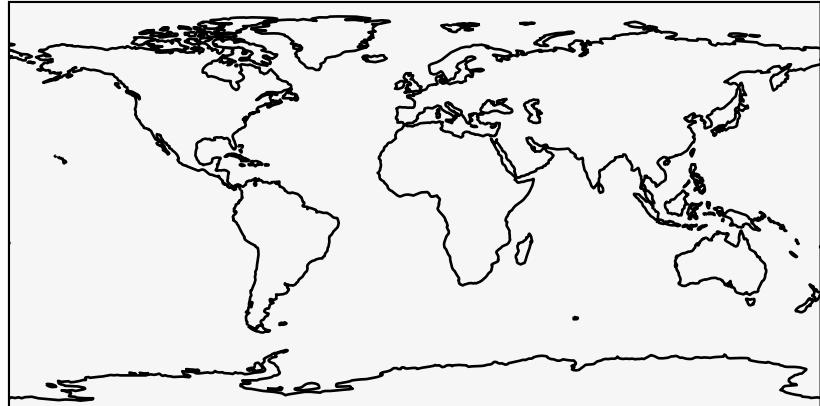
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



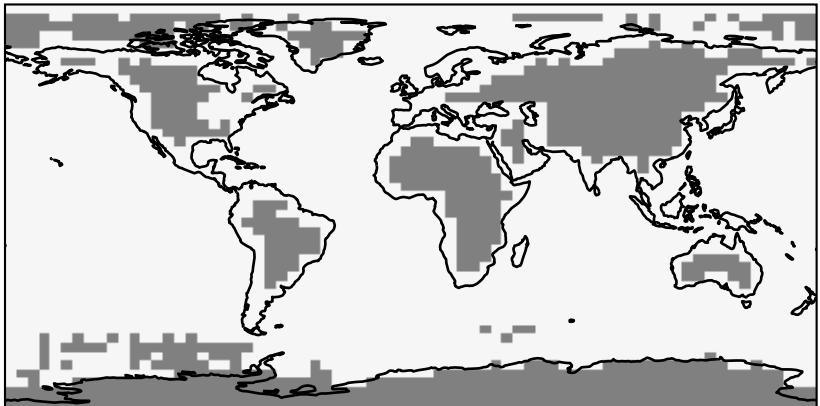
Difference
Dev - Ref, Dynamic Range



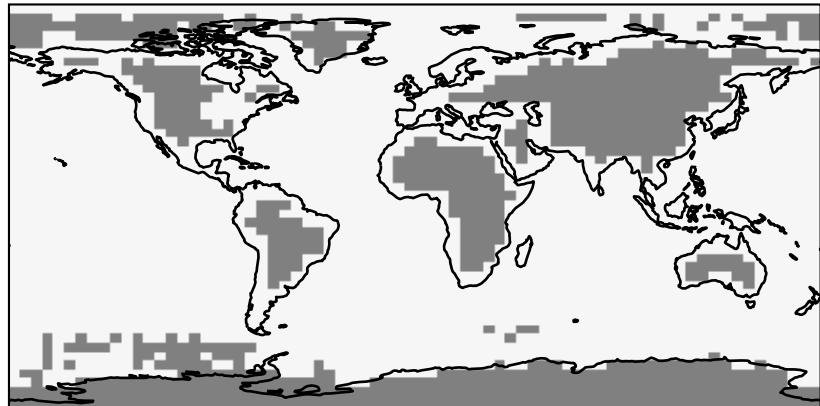
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

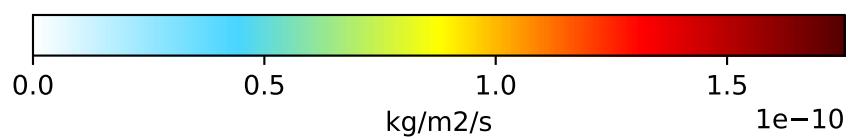
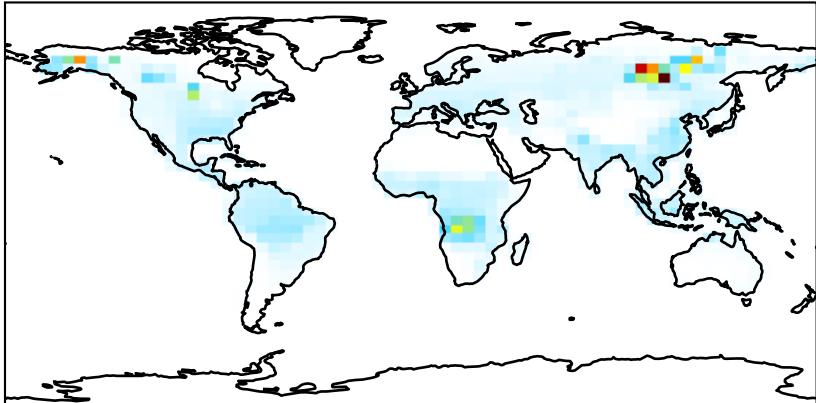


Ratio
Dev/Ref, Fixed Range

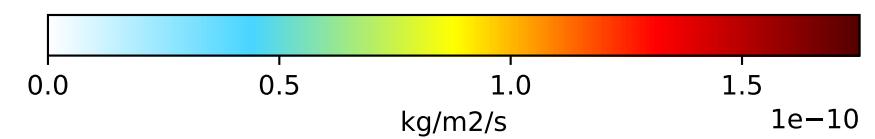
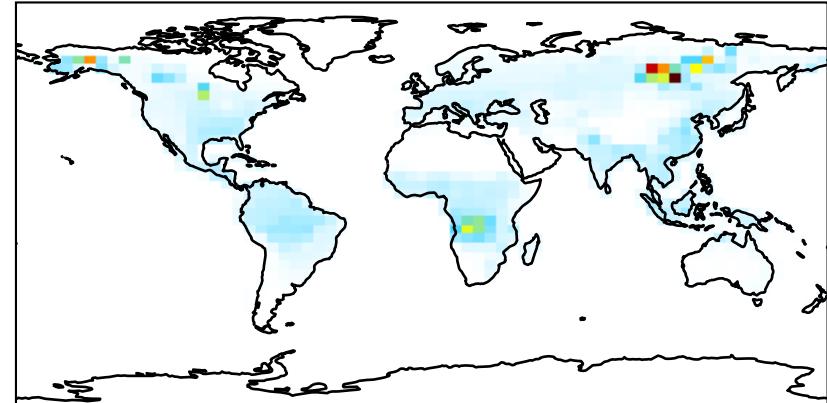


EmisPRPE_Total

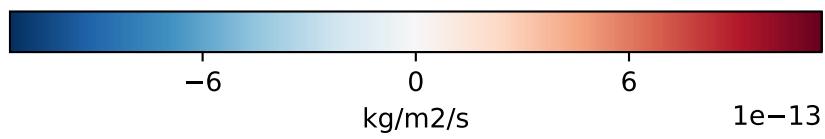
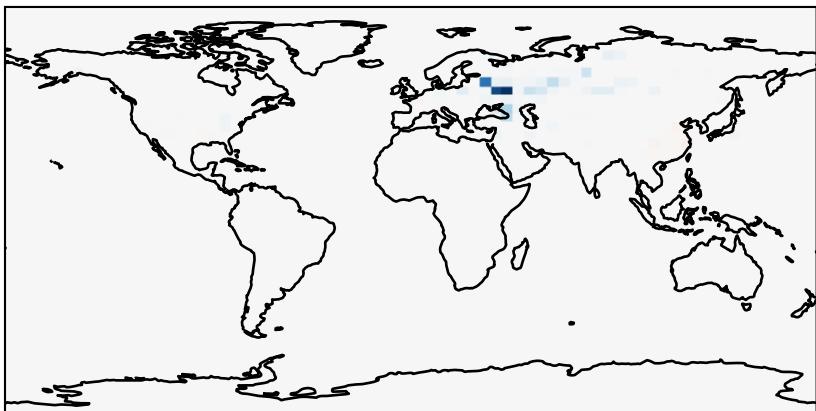
GCC_13.3.0-rc.1 (Ref)
4.0x5.0



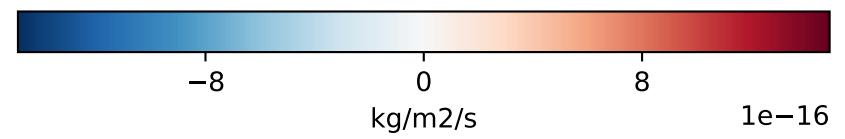
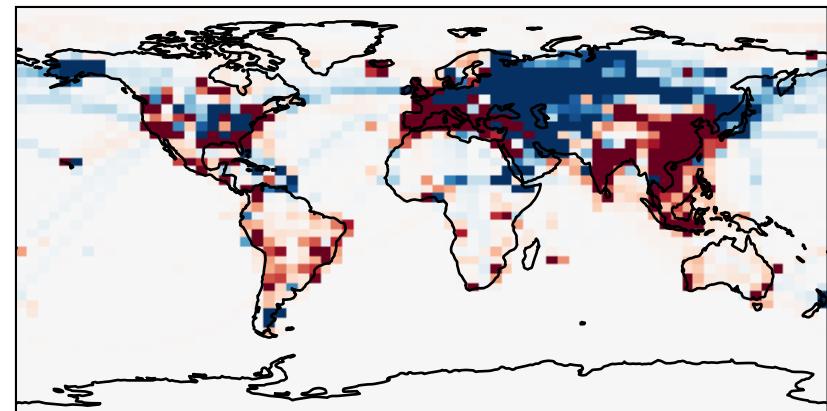
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



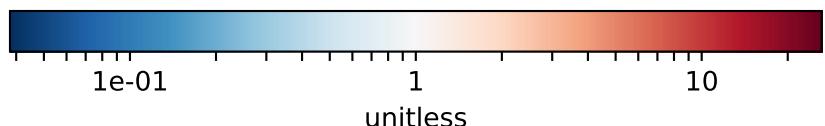
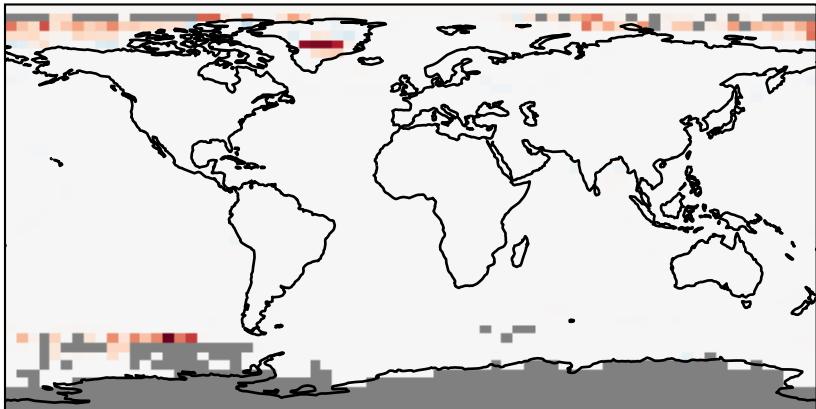
Difference
Dev - Ref, Dynamic Range



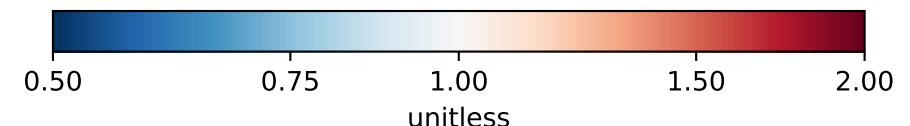
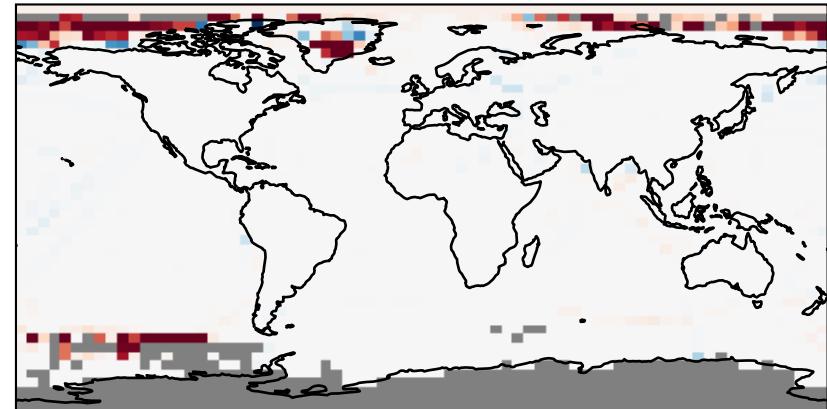
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

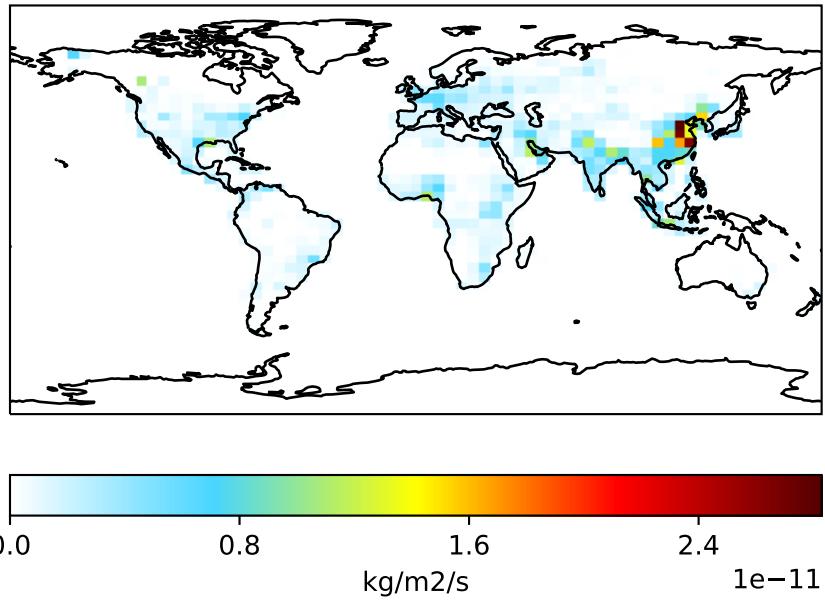


Ratio
Dev/Ref, Fixed Range

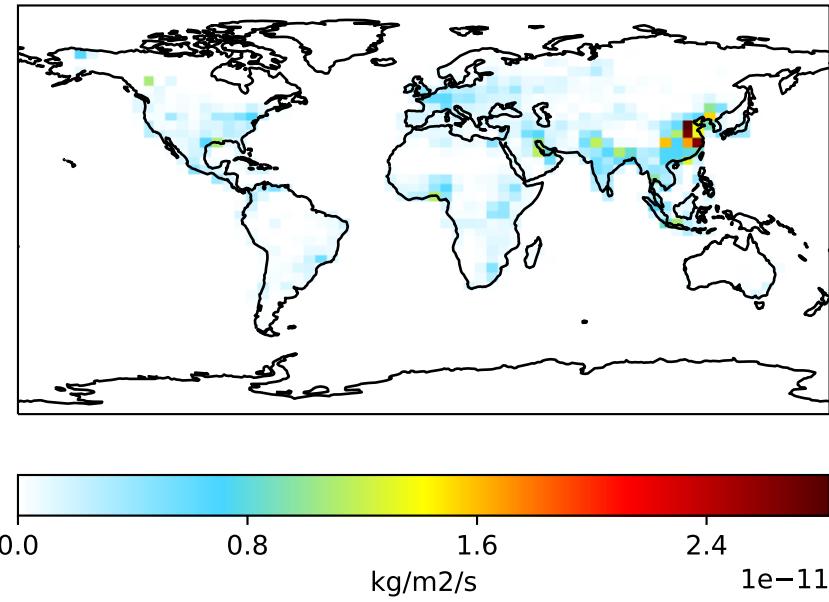


EmisTOLU_Anthro

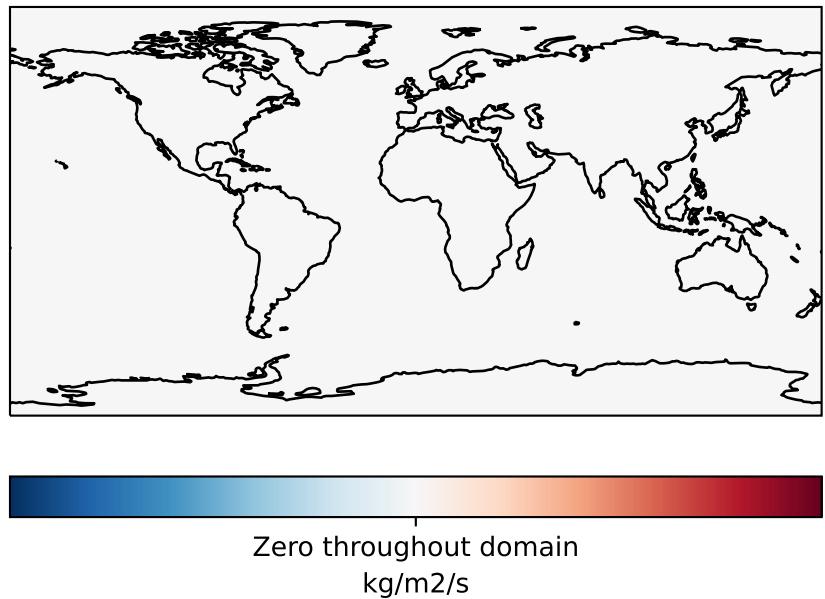
GCC_13.3.0-rc.1 (Ref)
4.0x5.0



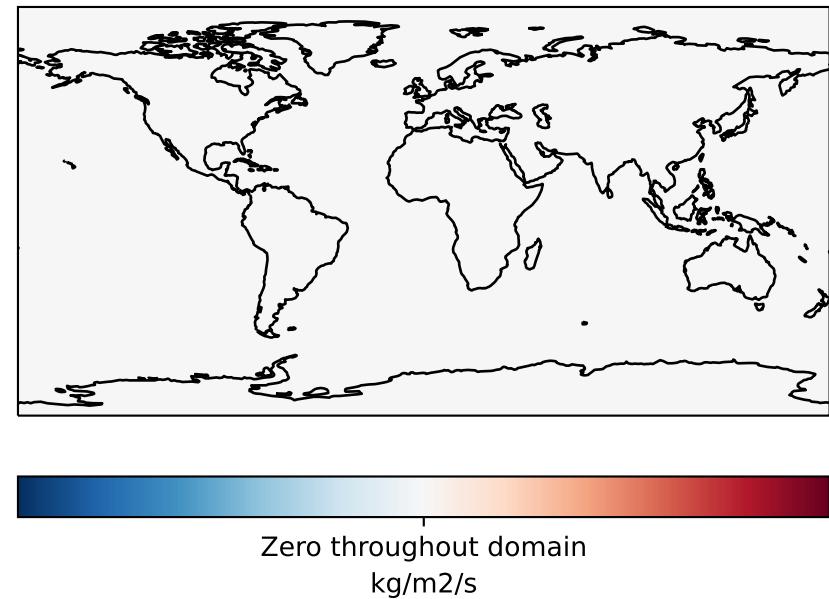
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



Difference
Dev - Ref, Dynamic Range



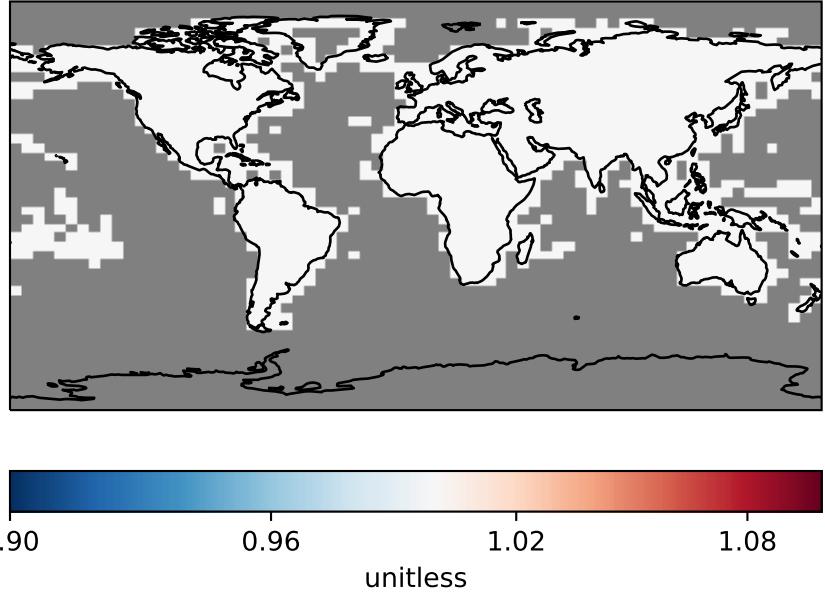
Difference
Dev - Ref, Restricted Range [5%,95%]



Zero throughout domain
kg/m²/s

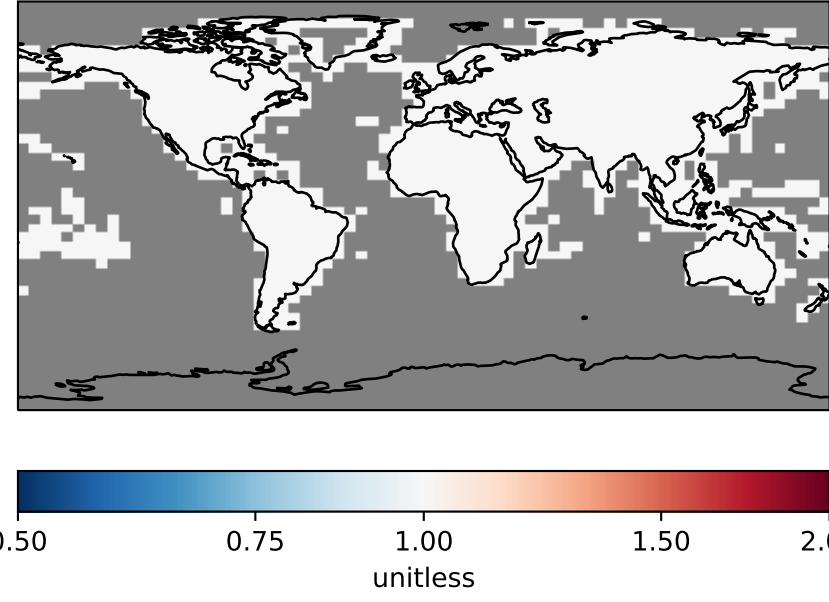
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



0.90 0.96 1.02 1.08
unitless

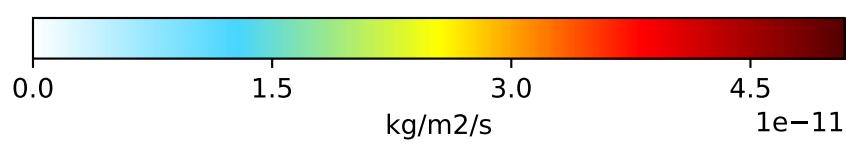
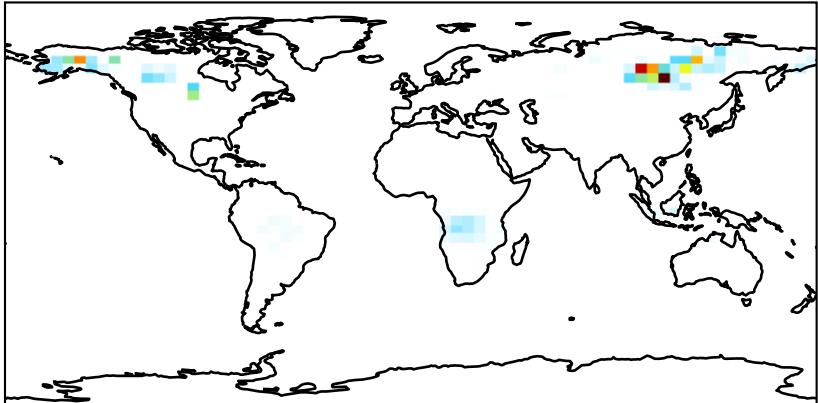
Ratio
Dev/Ref, Fixed Range



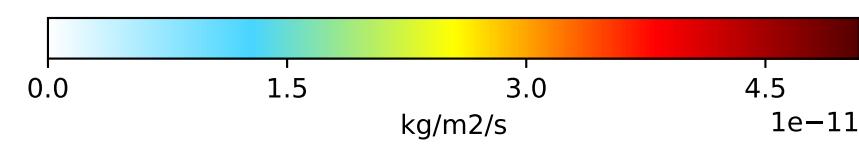
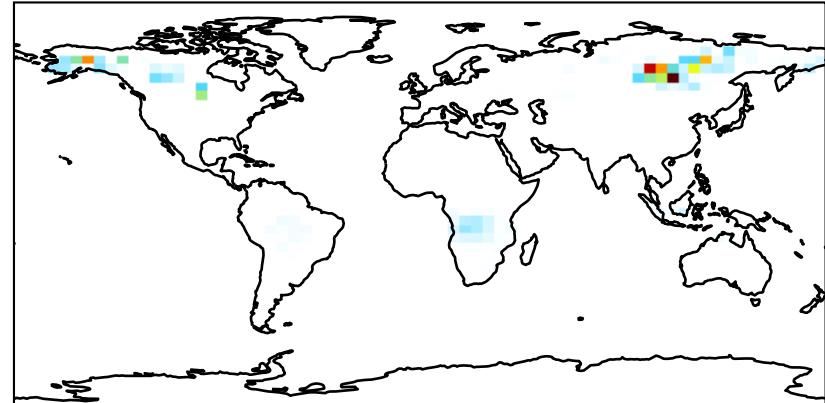
0.50 0.75 1.00 1.50 2.00
unitless

EmisTOLU_BioBurn

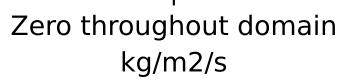
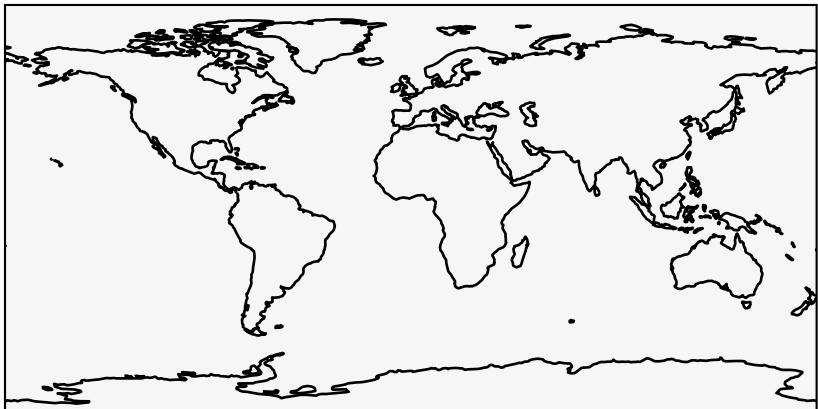
GCC_13.3.0-rc.1 (Ref)
4.0x5.0



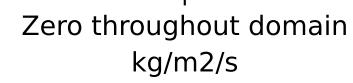
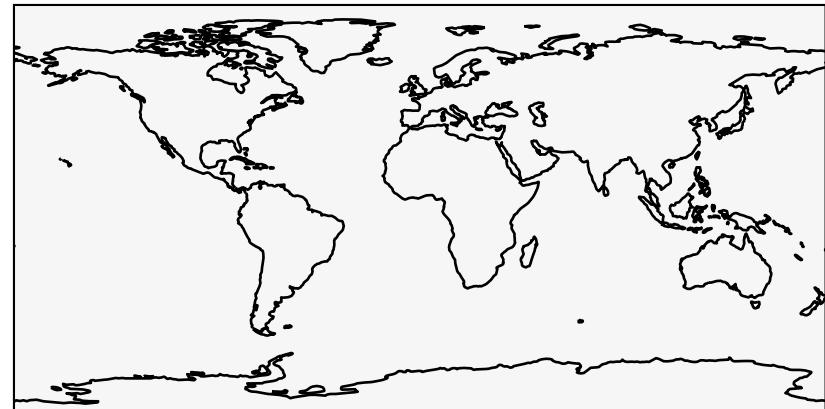
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



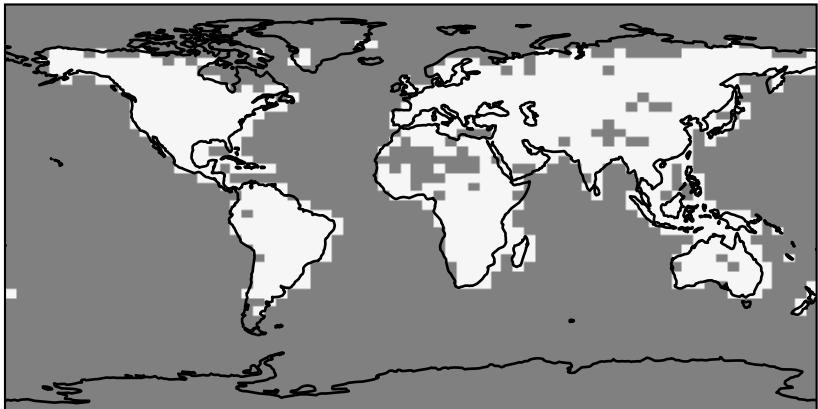
Difference
Dev - Ref, Dynamic Range



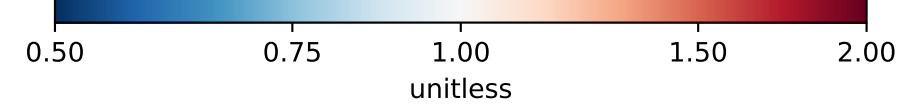
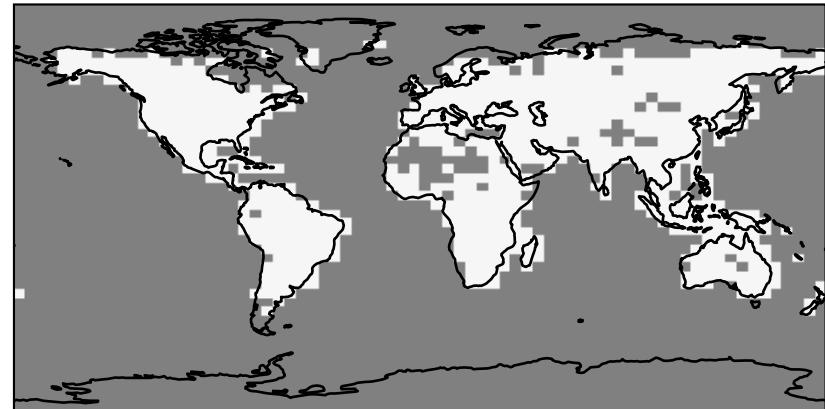
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

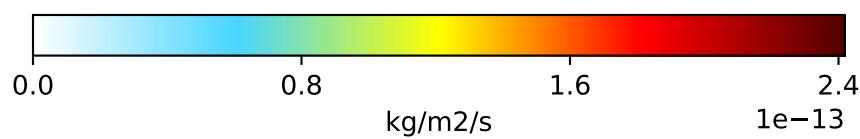
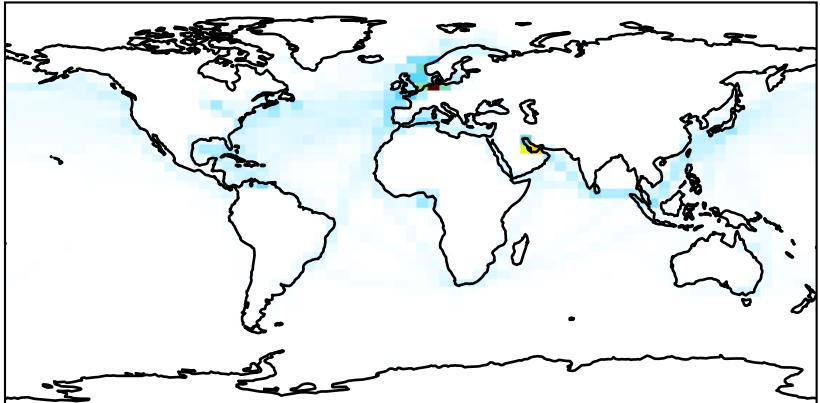


Ratio
Dev/Ref, Fixed Range

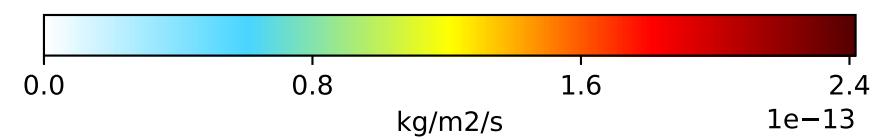
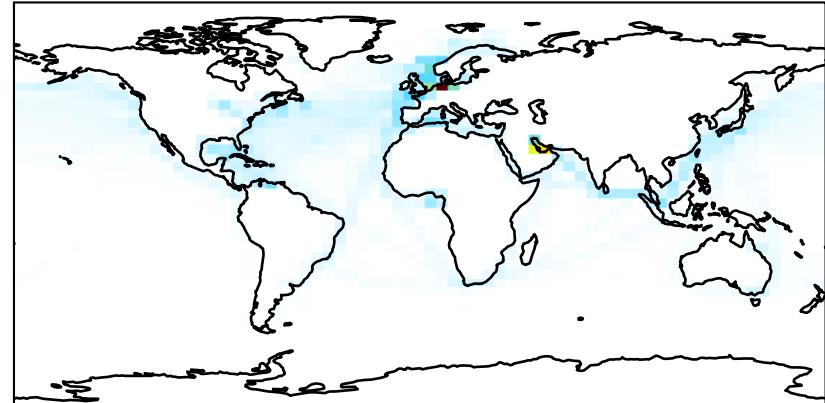


EmisTOLU_Ship

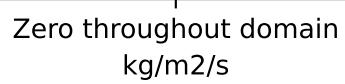
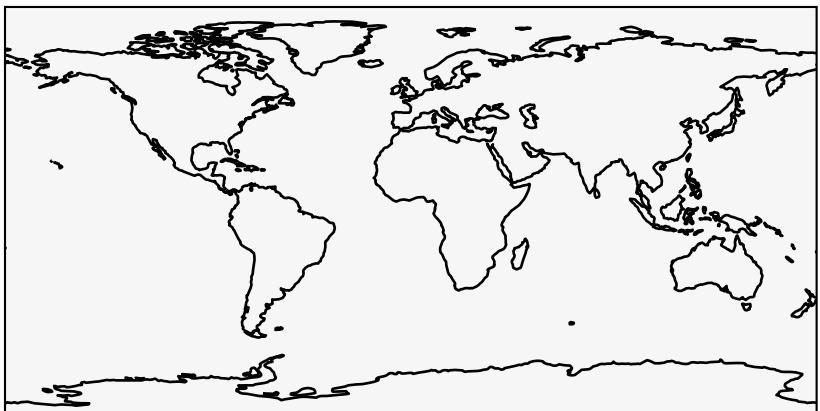
GCC_13.3.0-rc.1 (Ref)
4.0x5.0



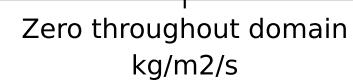
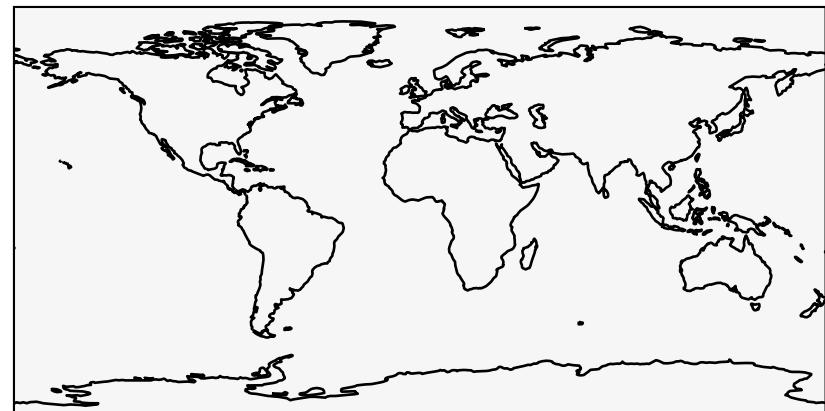
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



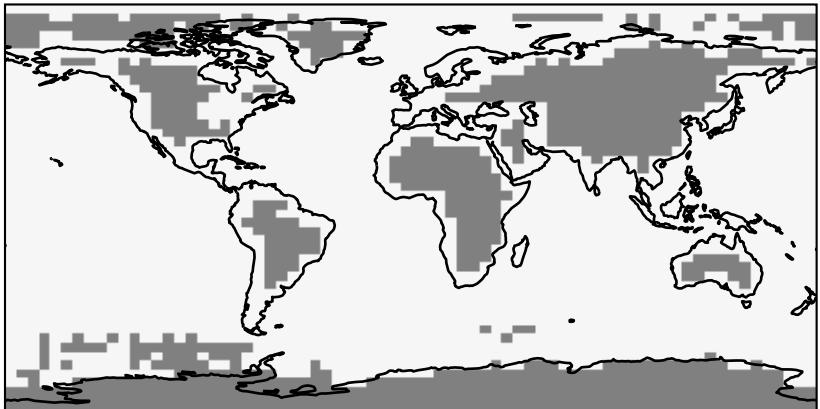
Difference
Dev - Ref, Dynamic Range



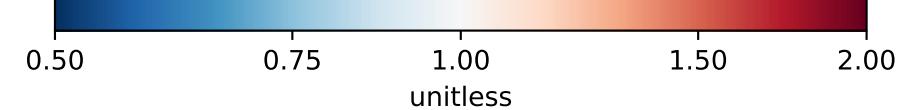
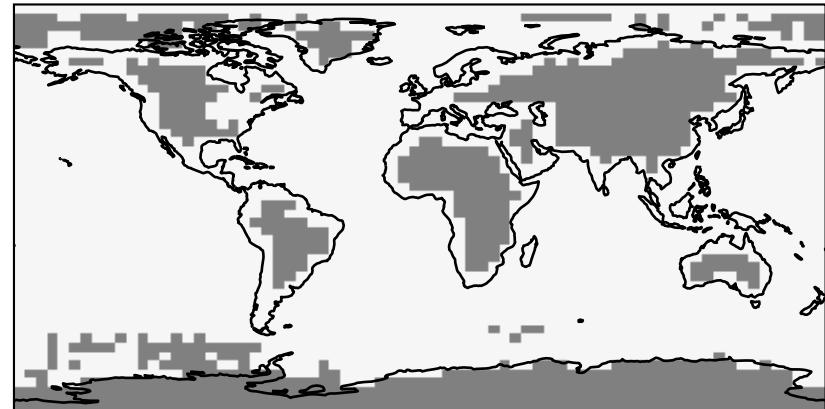
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

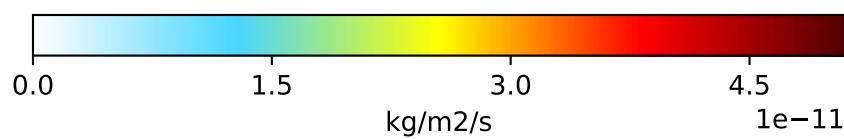
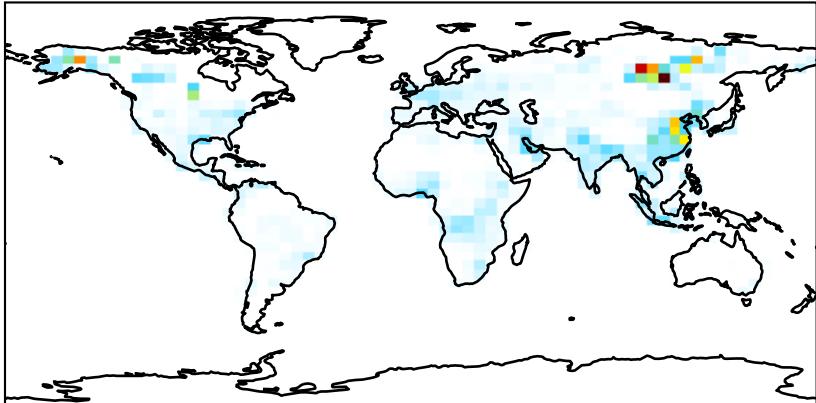


Ratio
Dev/Ref, Fixed Range

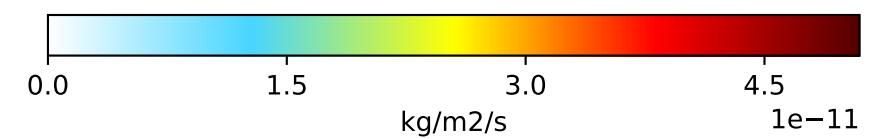
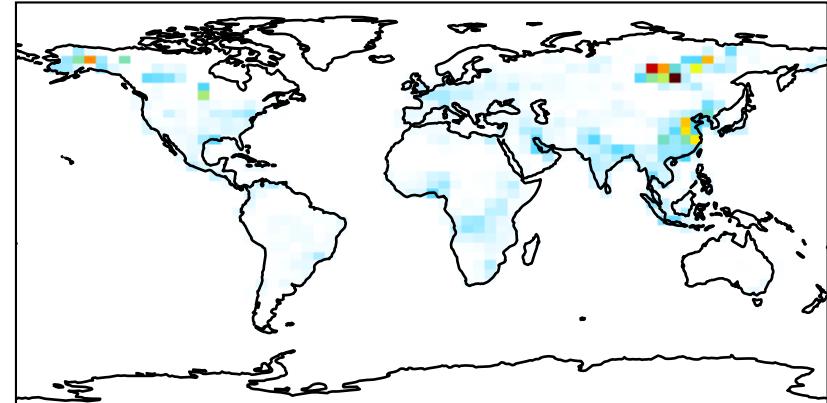


EmisTOLU_Total

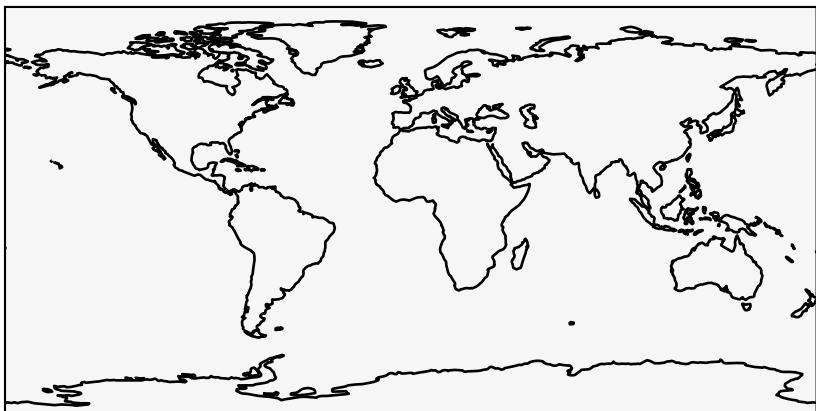
GCC_13.3.0-rc.1 (Ref)
4.0x5.0



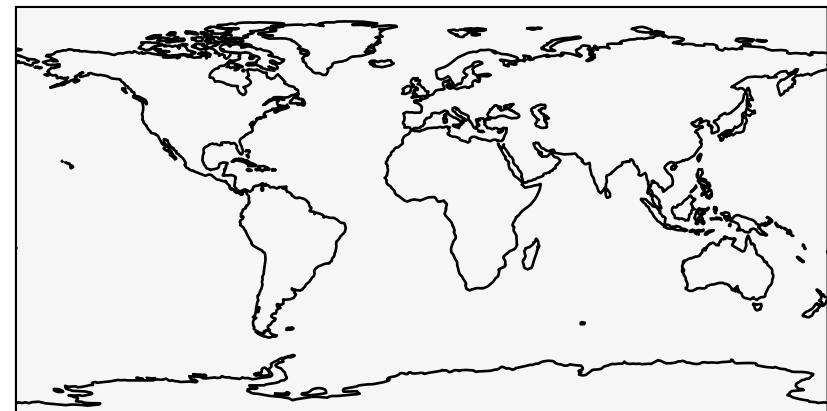
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



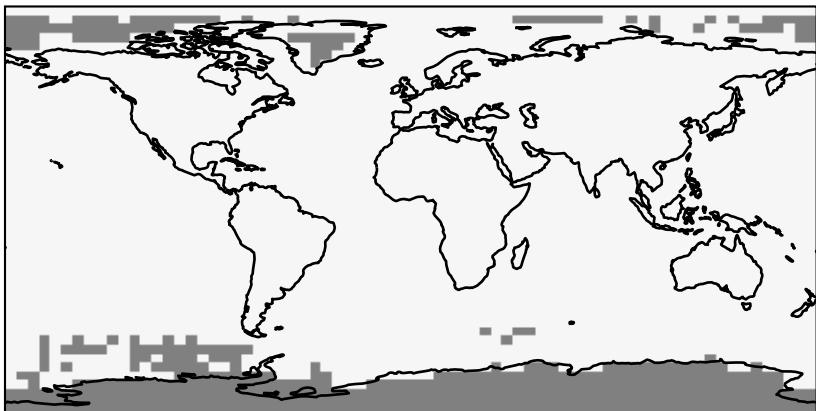
Difference
Dev - Ref, Dynamic Range



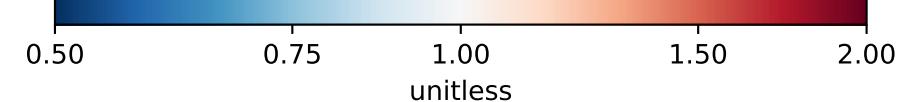
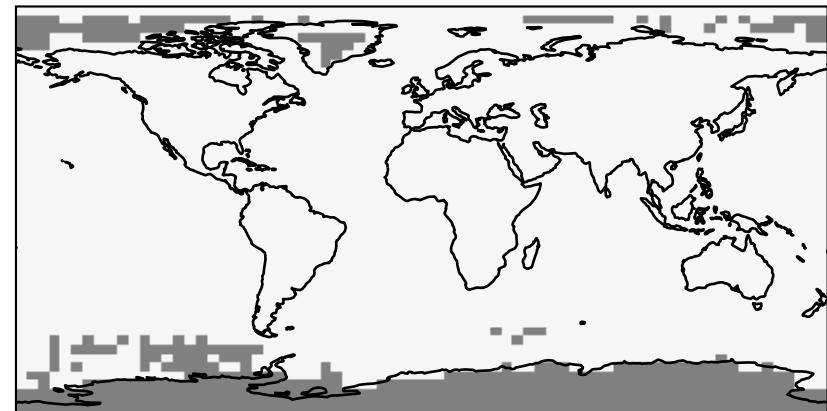
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

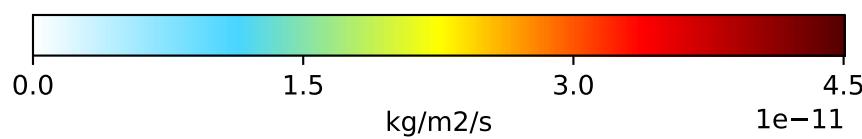
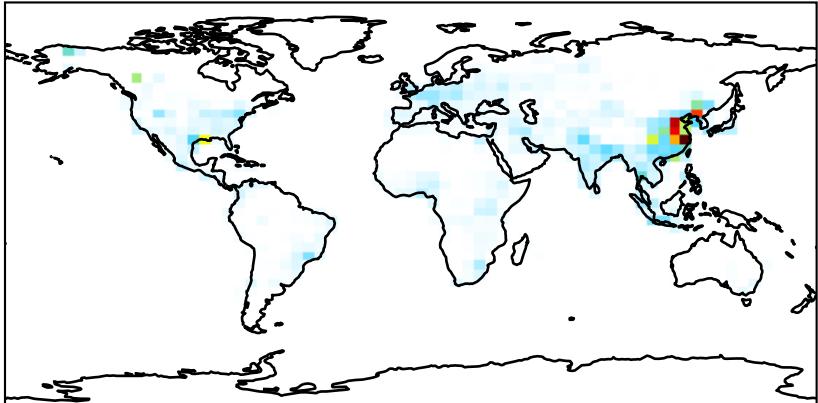


Ratio
Dev/Ref, Fixed Range

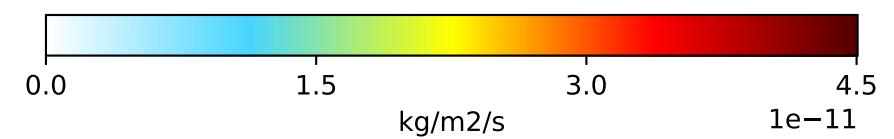
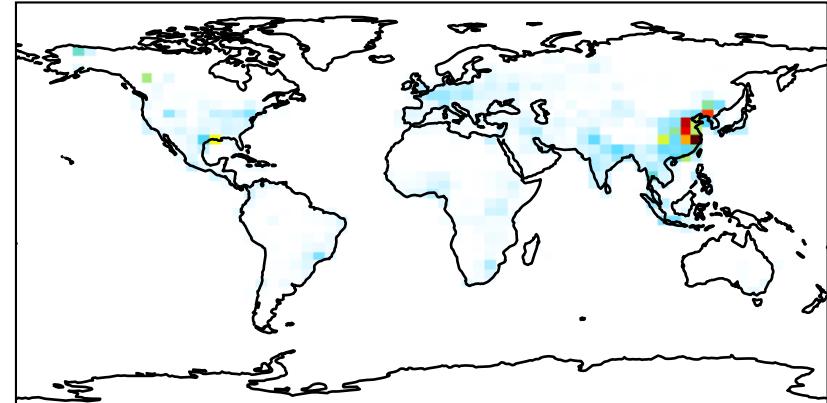


EmisXYLE_Anthro

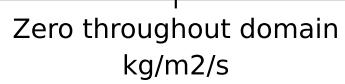
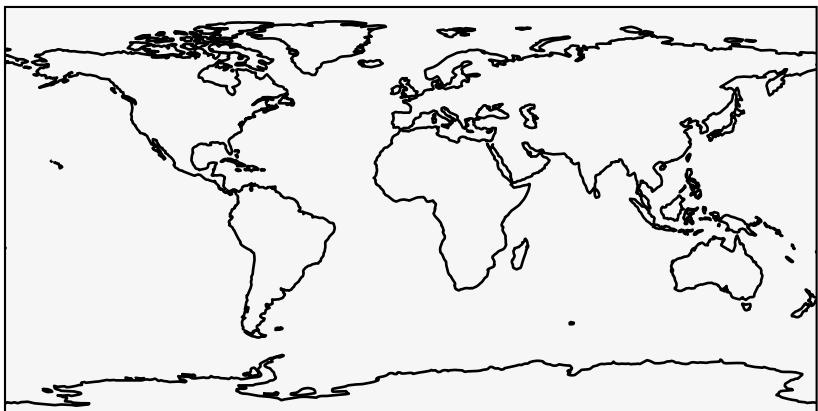
GCC_13.3.0-rc.1 (Ref)
4.0x5.0



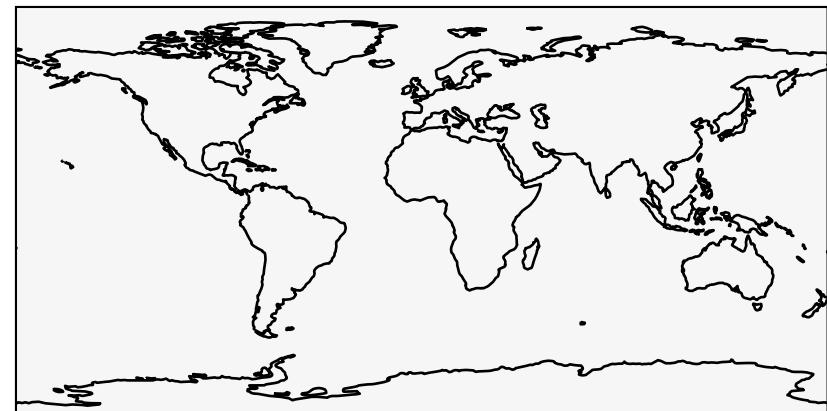
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



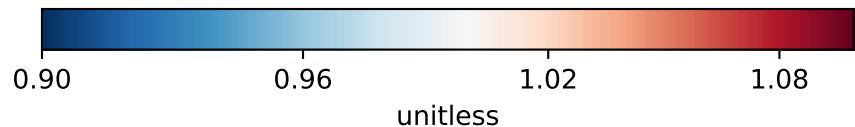
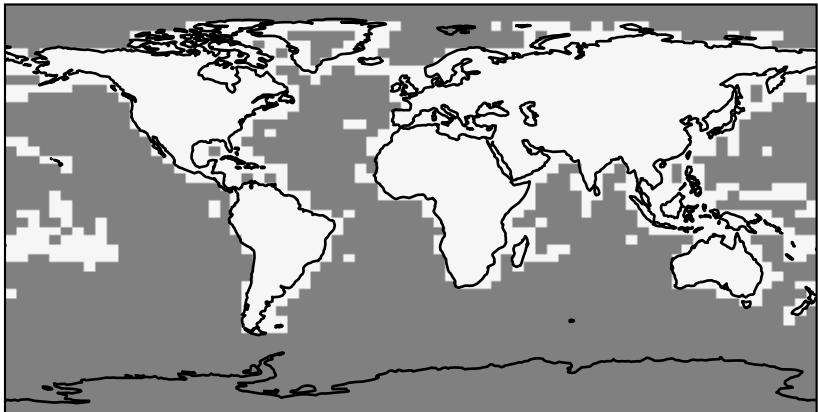
Difference
Dev - Ref, Dynamic Range



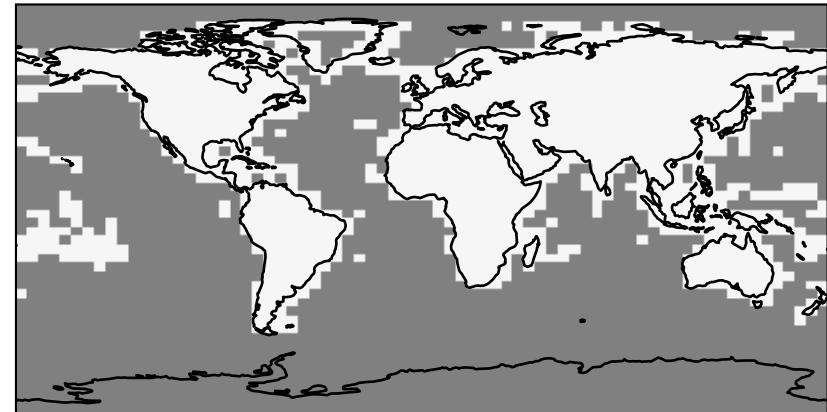
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

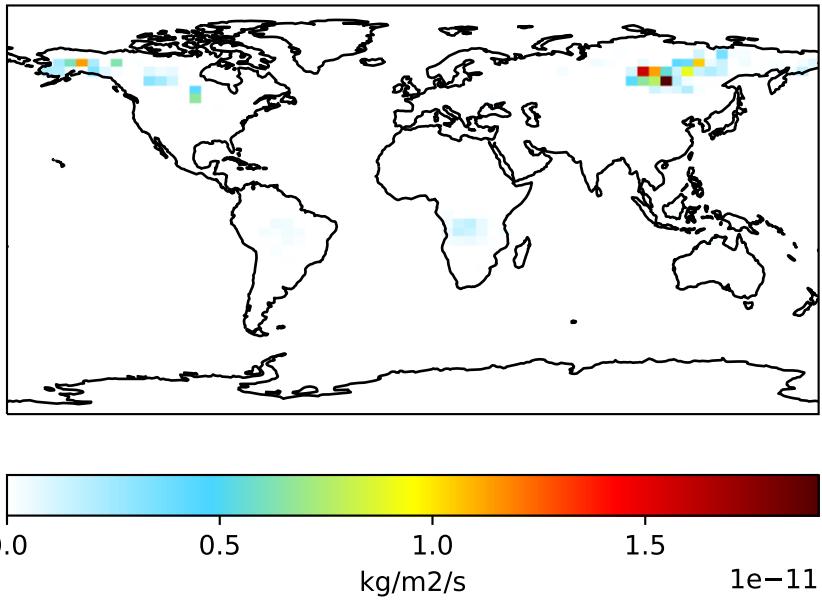


Ratio
Dev/Ref, Fixed Range

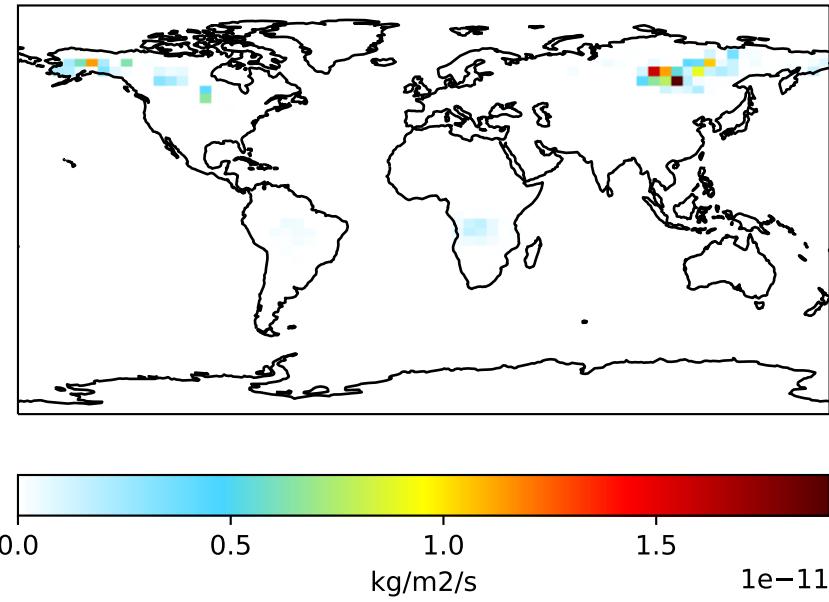


EmisXYLE_BioBurn

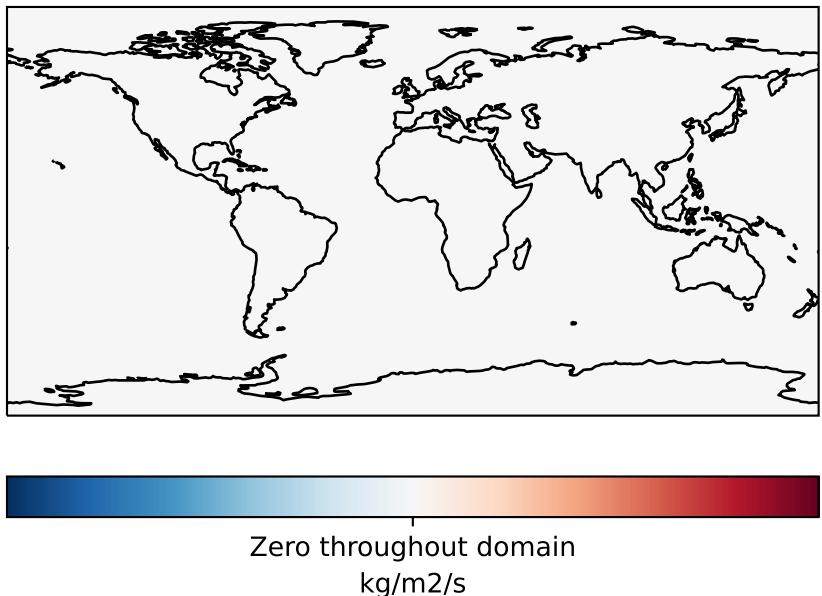
GCC_13.3.0-rc.1 (Ref)
4.0x5.0



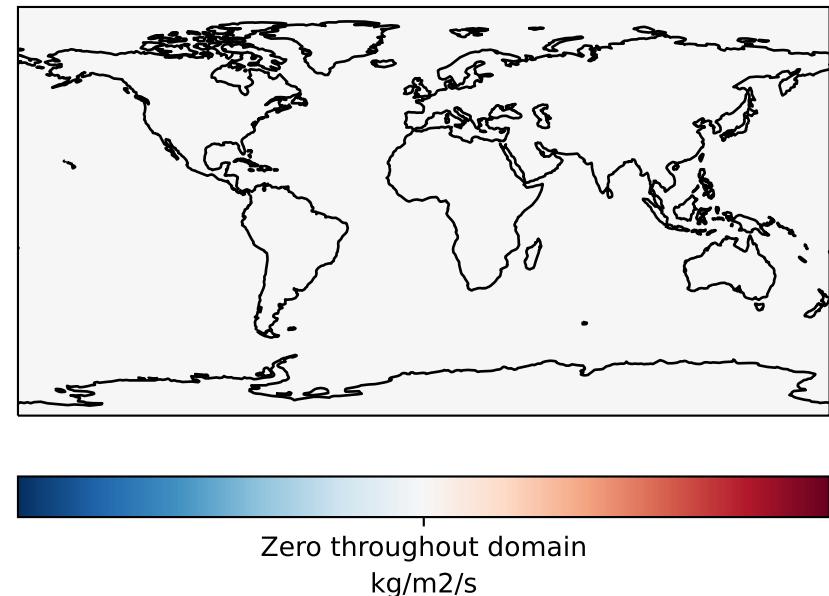
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



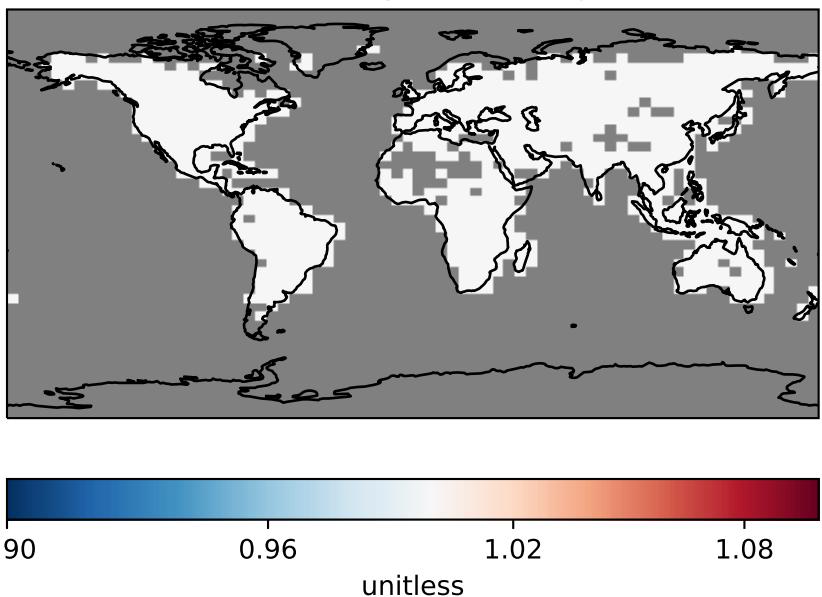
Difference
Dev - Ref, Dynamic Range



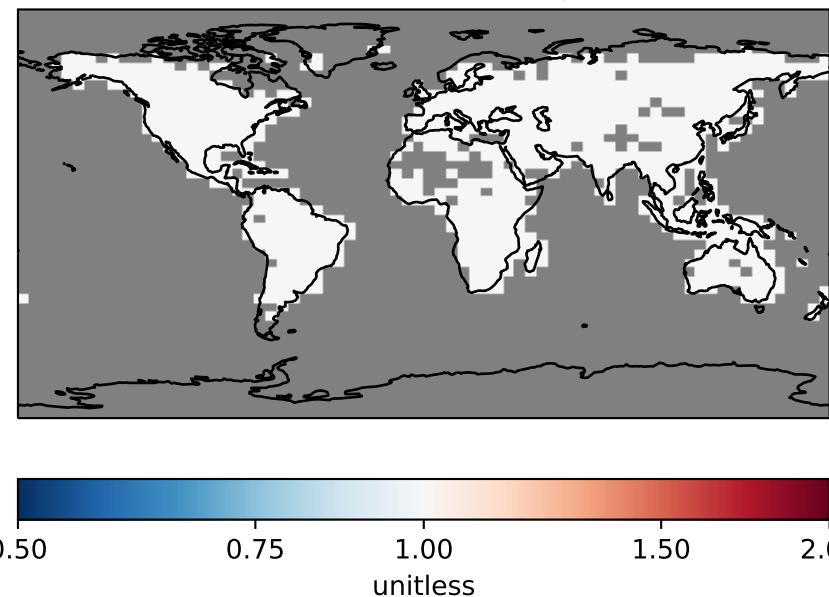
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

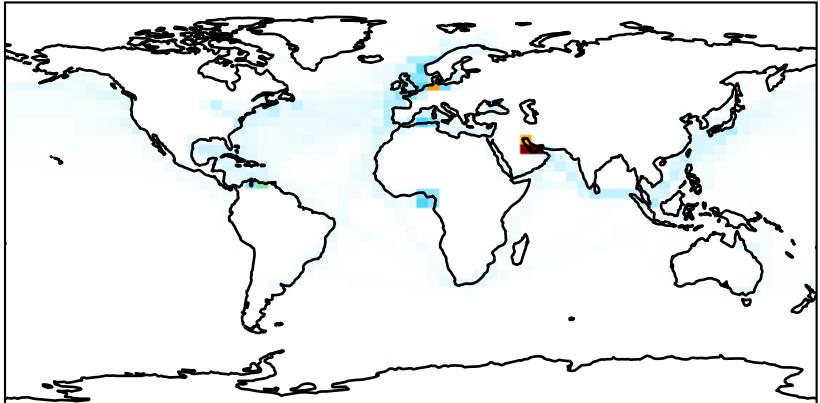


Ratio
Dev/Ref, Fixed Range

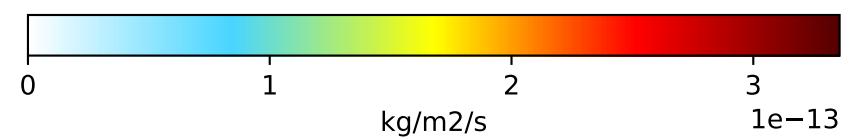
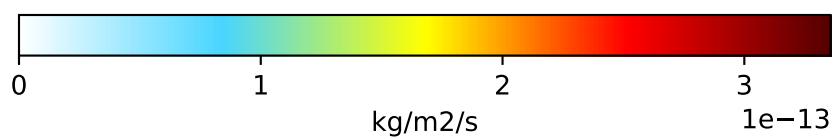
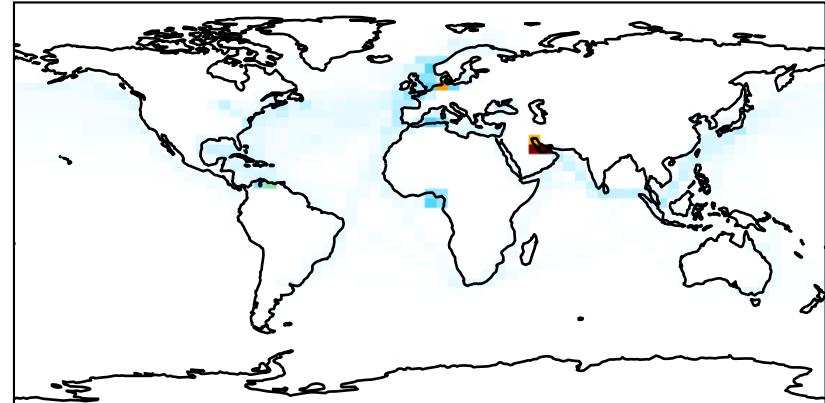


EmisXYLE_Ship

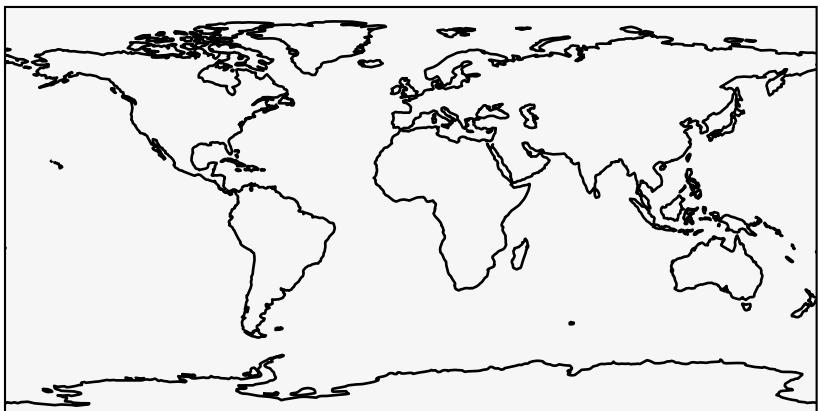
GCC_13.3.0-rc.1 (Ref)
4.0x5.0



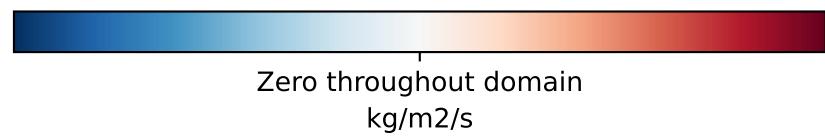
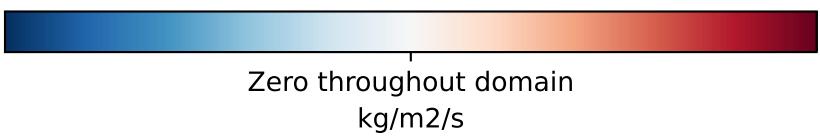
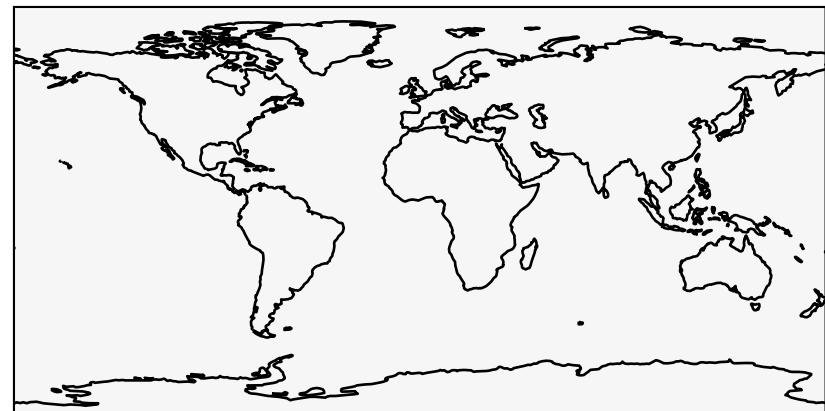
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



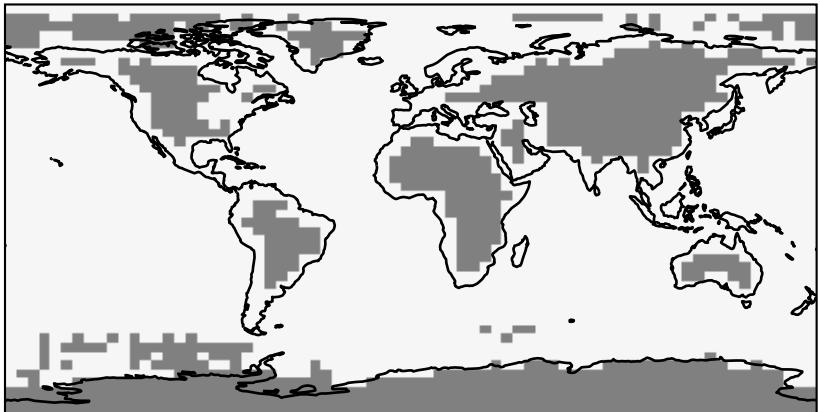
Difference
Dev - Ref, Dynamic Range



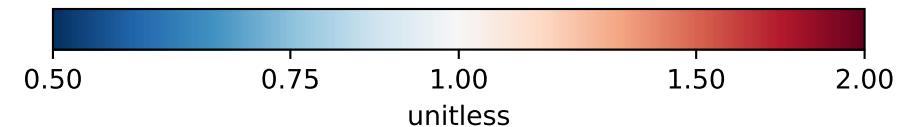
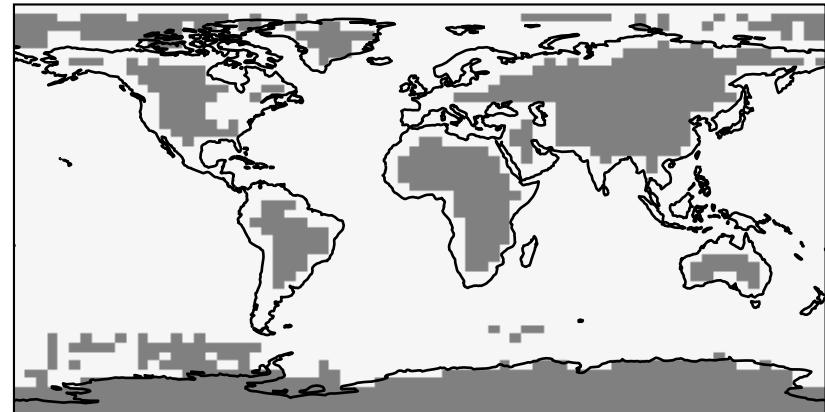
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

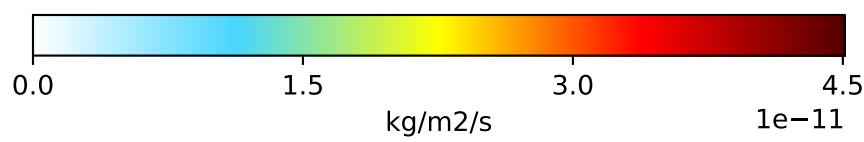
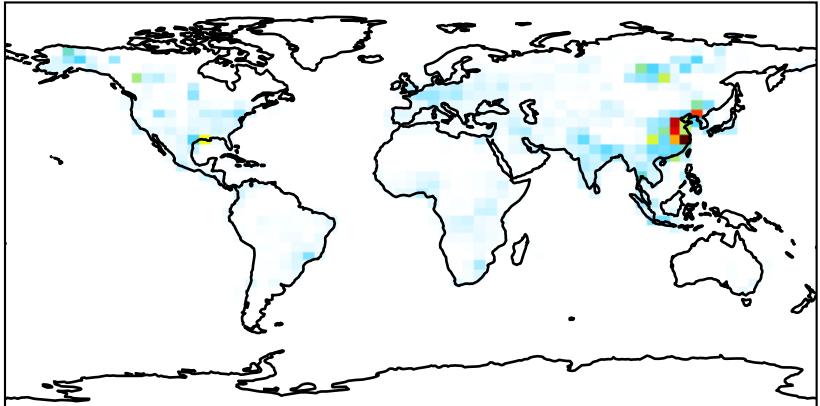


Ratio
Dev/Ref, Fixed Range

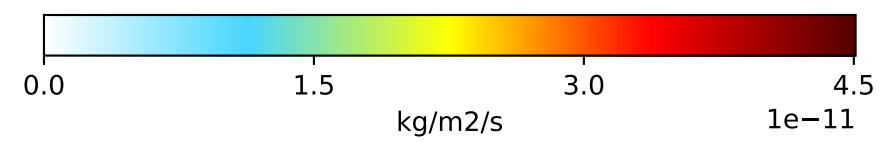
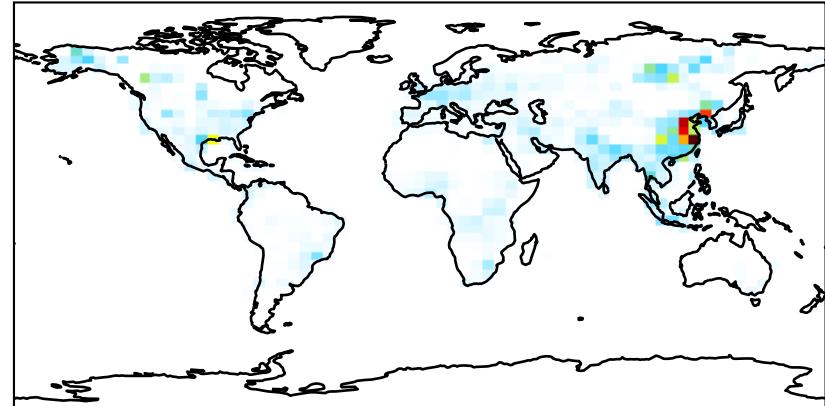


EmisXYLE_Total

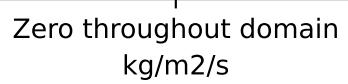
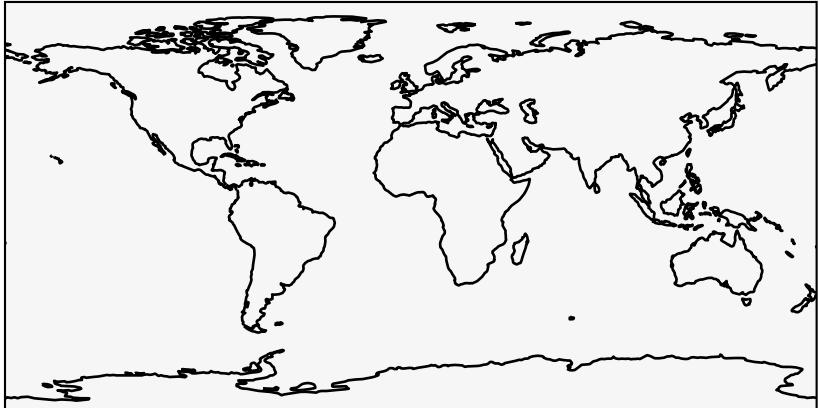
GCC_13.3.0-rc.1 (Ref)
4.0x5.0



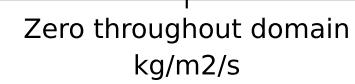
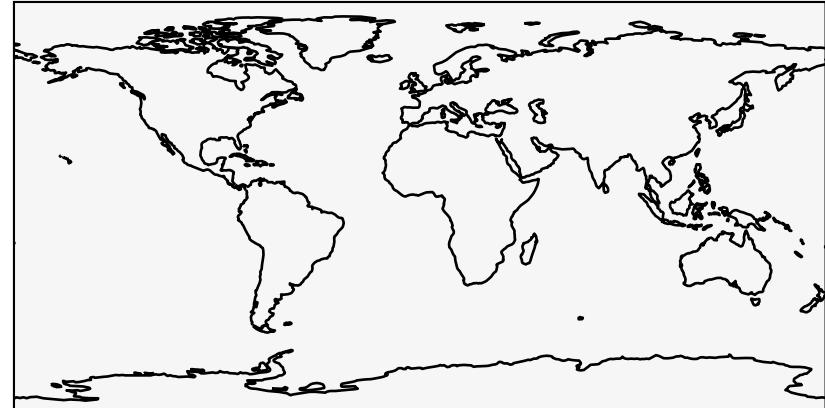
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



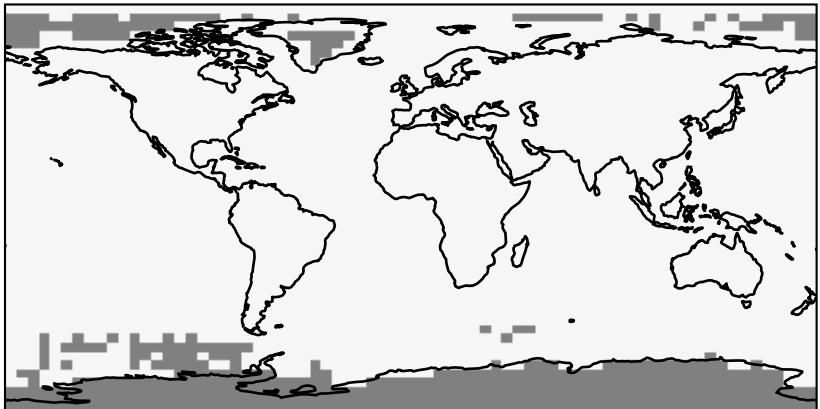
Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

