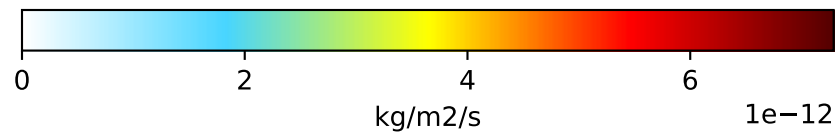
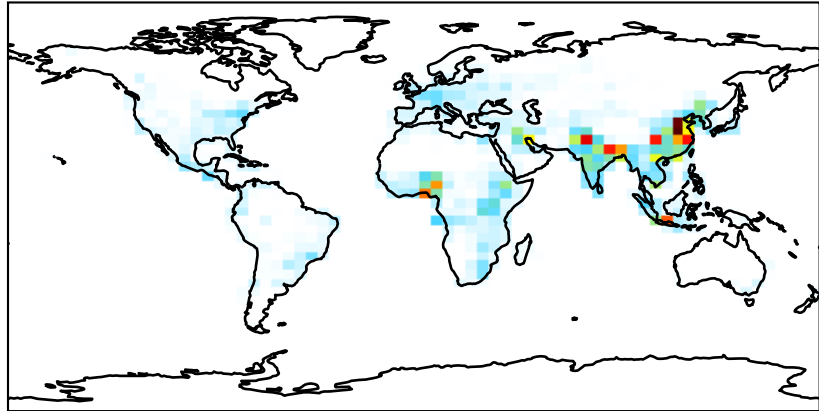
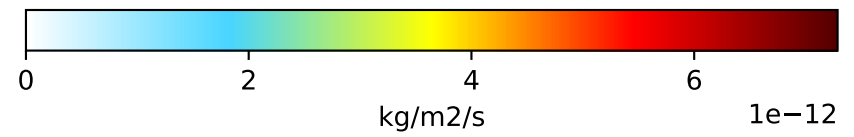
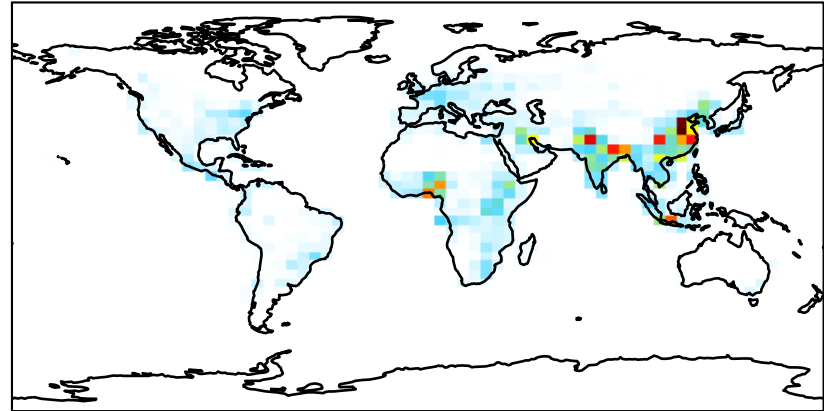


EmisEOH_Anthro

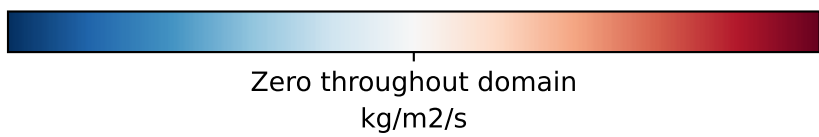
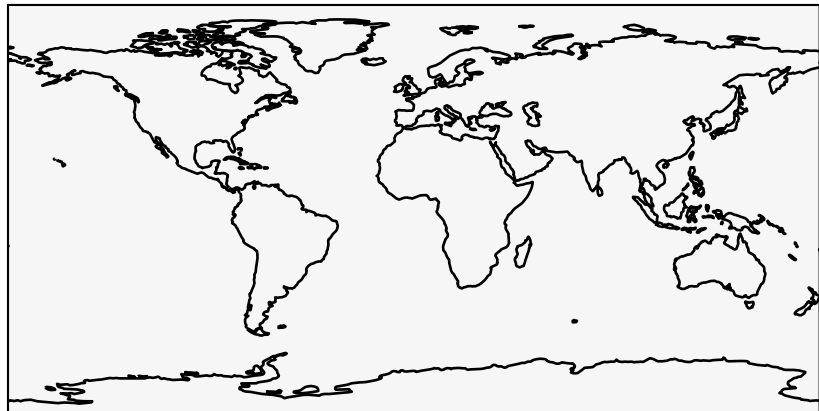
GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



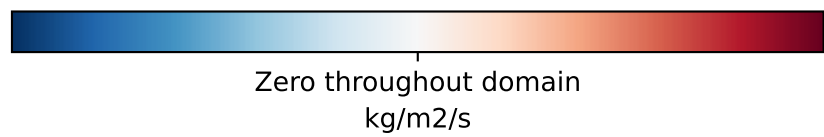
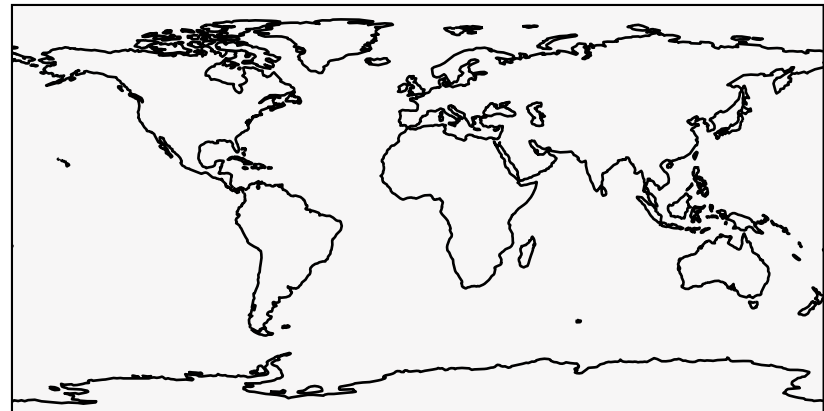
GCC_14.2.0_GEOS-FP (Dev)
4.0x5.0



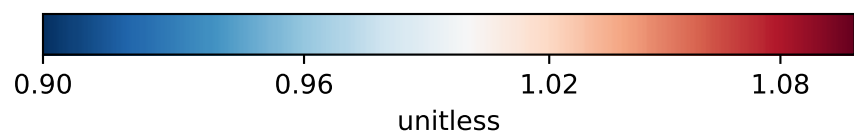
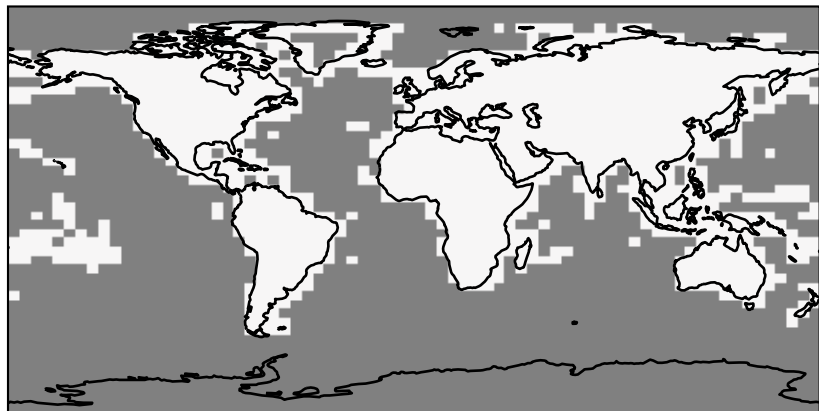
Difference
Dev - Ref, Dynamic Range



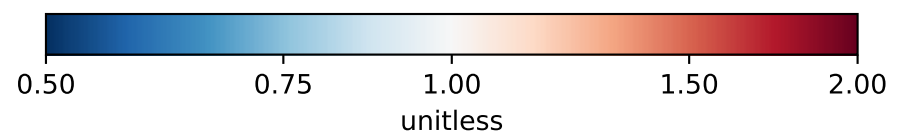
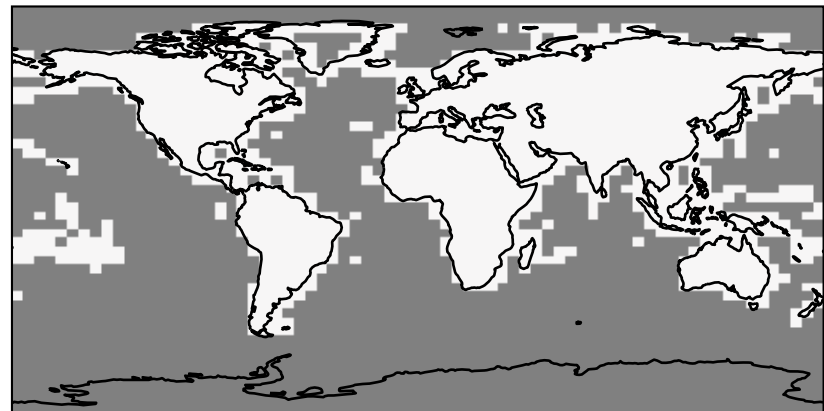
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

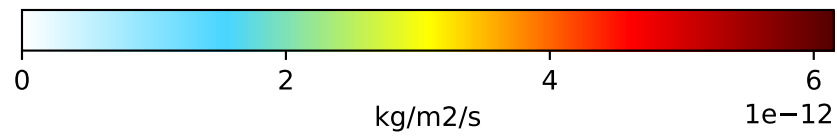
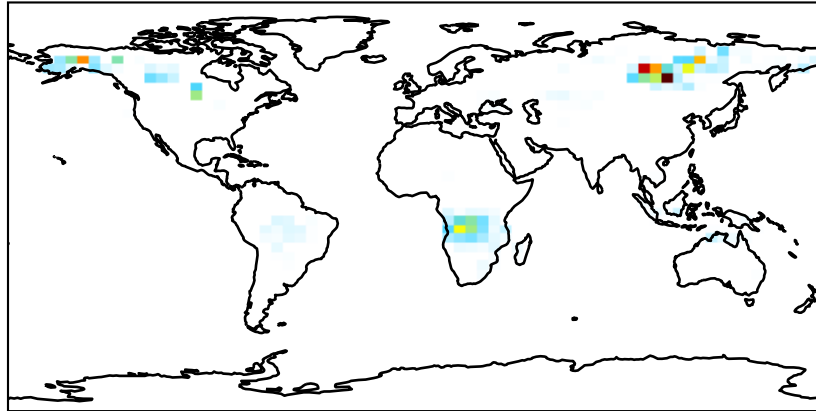


Ratio
Dev/Ref, Fixed Range

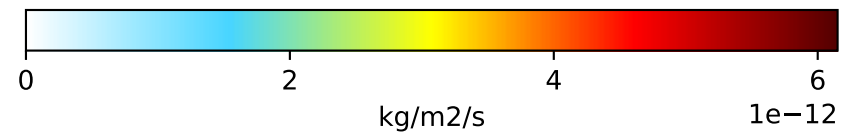
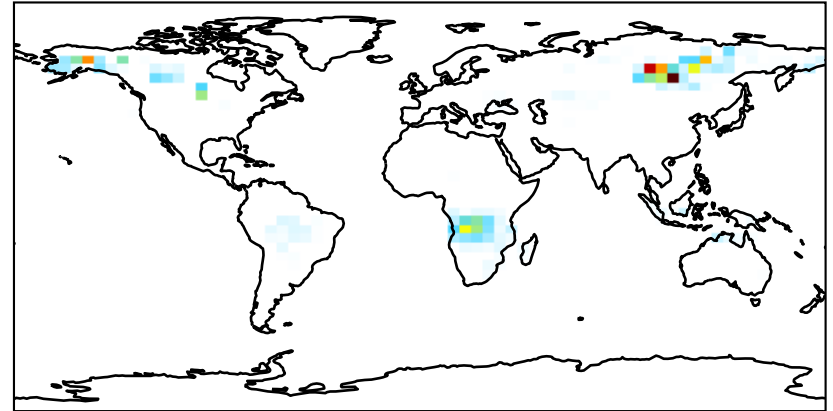


EmisEOH_BioBurn

GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



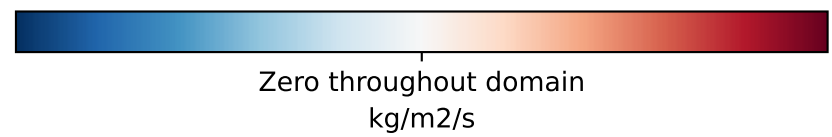
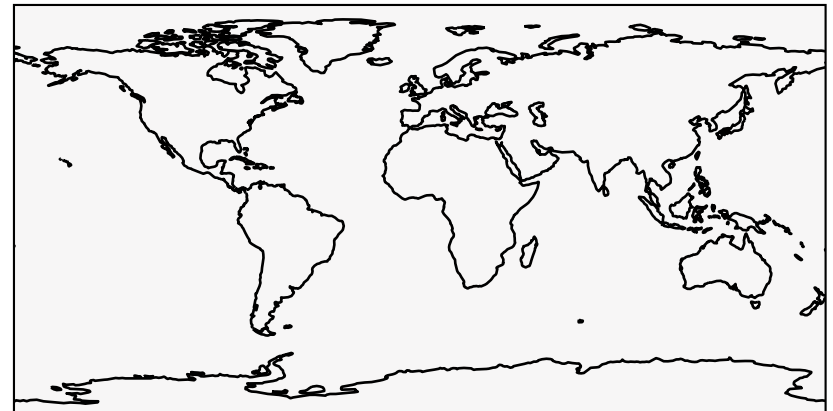
GCC_14.2.0_GEOS-FP (Dev)
4.0x5.0



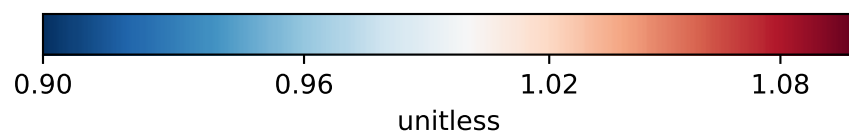
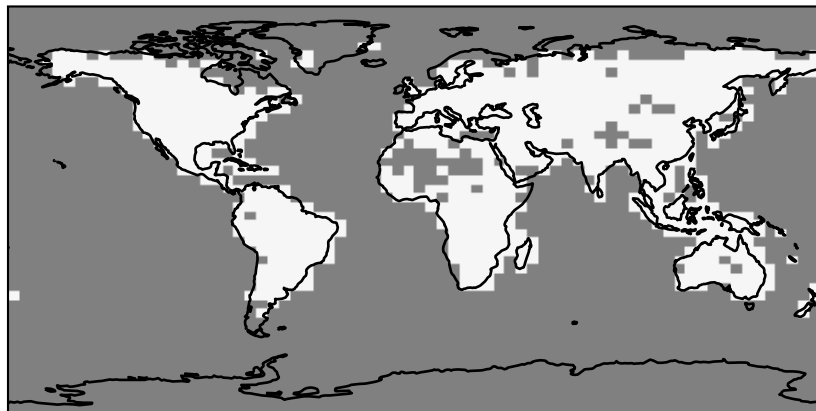
Difference
Dev - Ref, Dynamic Range



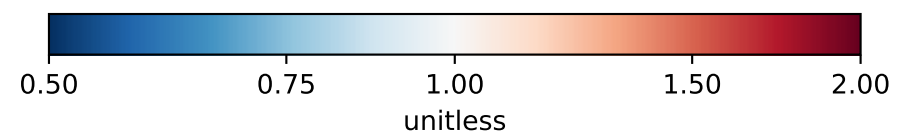
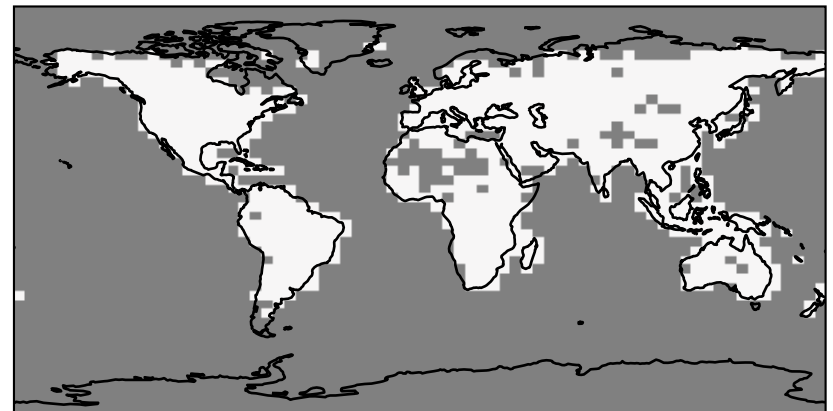
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

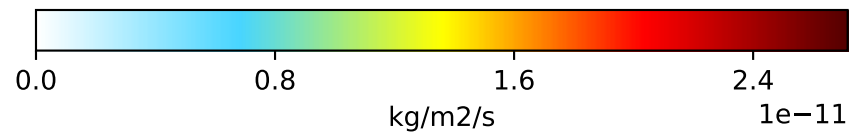
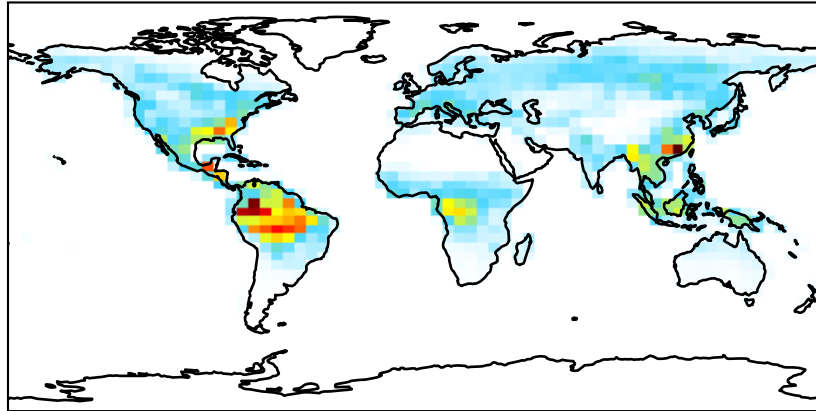


Ratio
Dev/Ref, Fixed Range

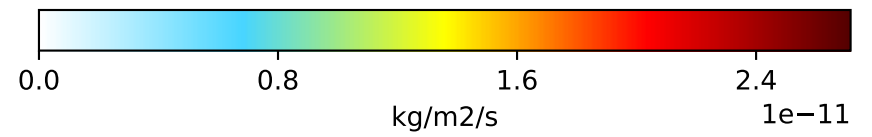
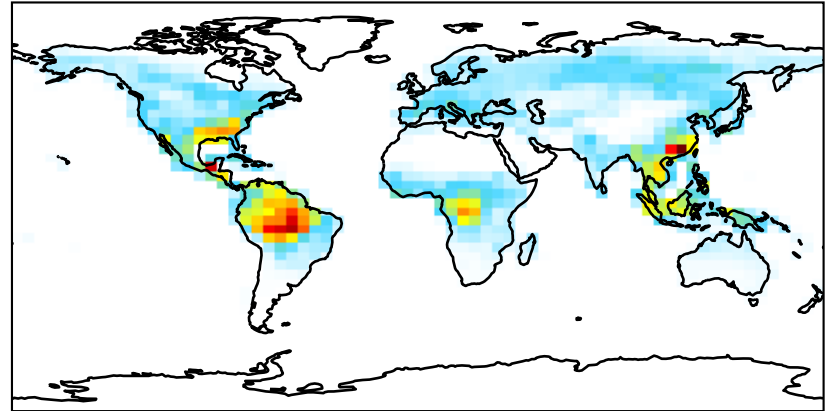


EmisEOH_Biogenic

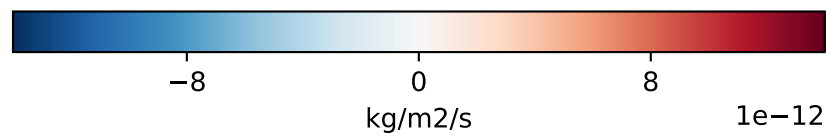
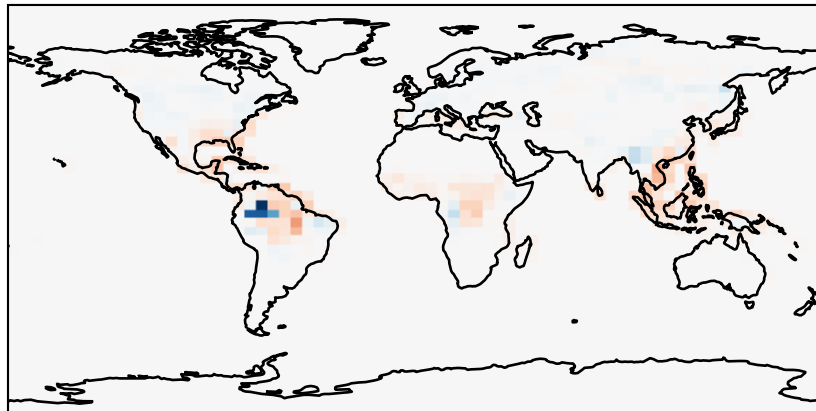
GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



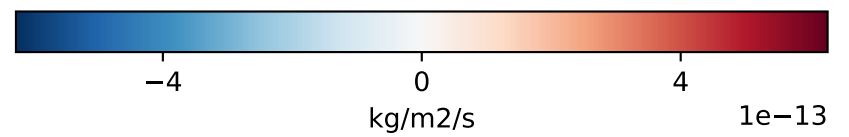
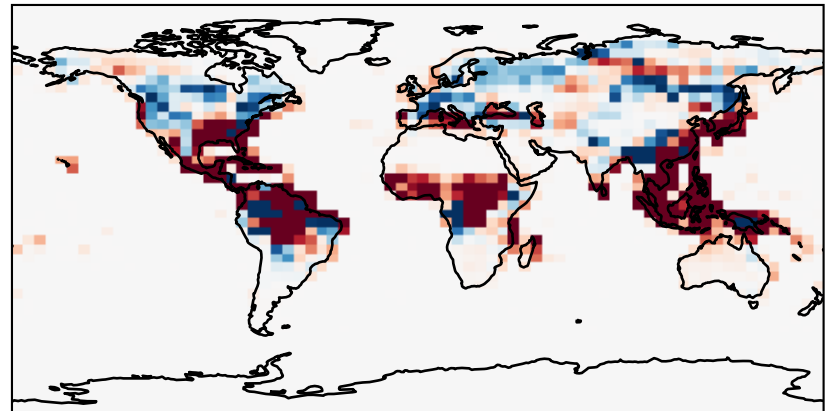
GCC_14.2.0_GEOS-FP (Dev)
4.0x5.0



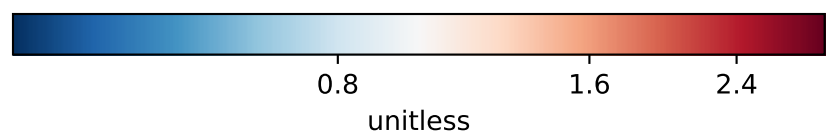
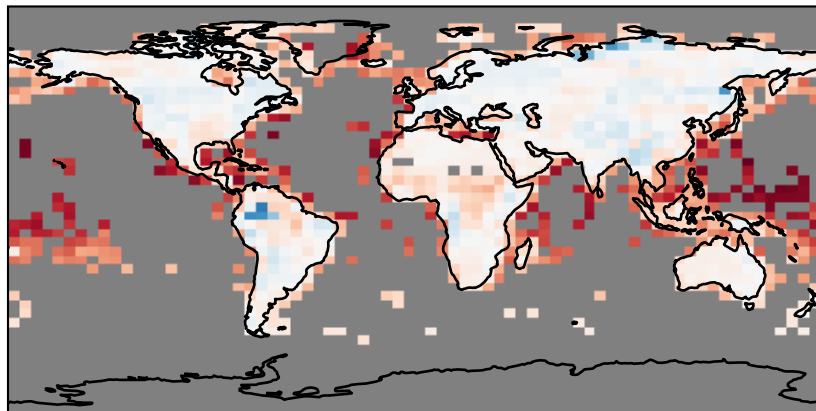
Difference
Dev - Ref, Dynamic Range



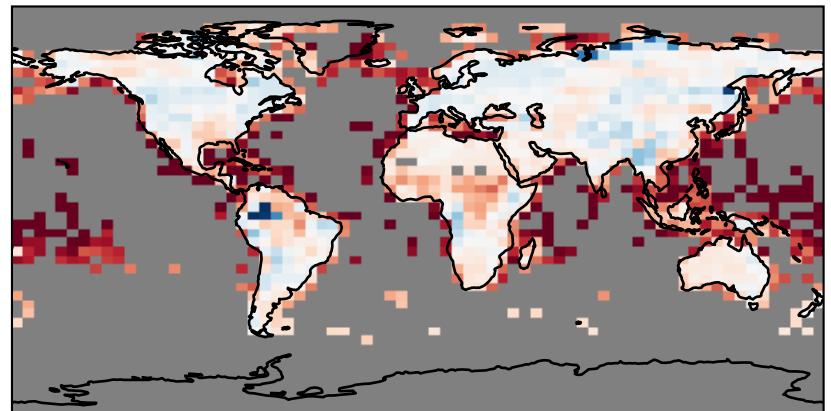
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

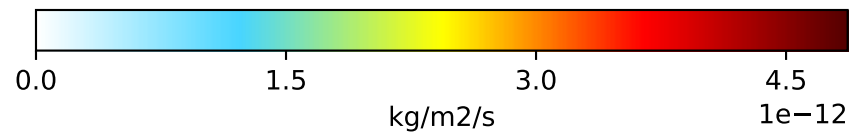
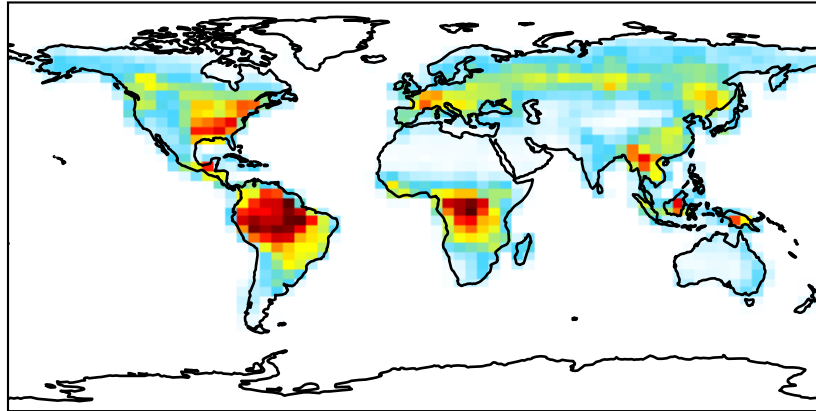


Ratio
Dev/Ref, Fixed Range

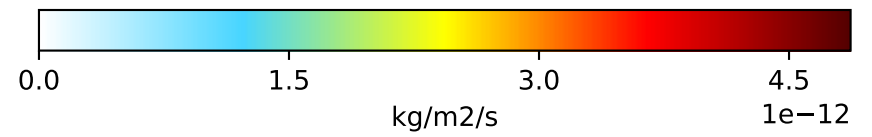
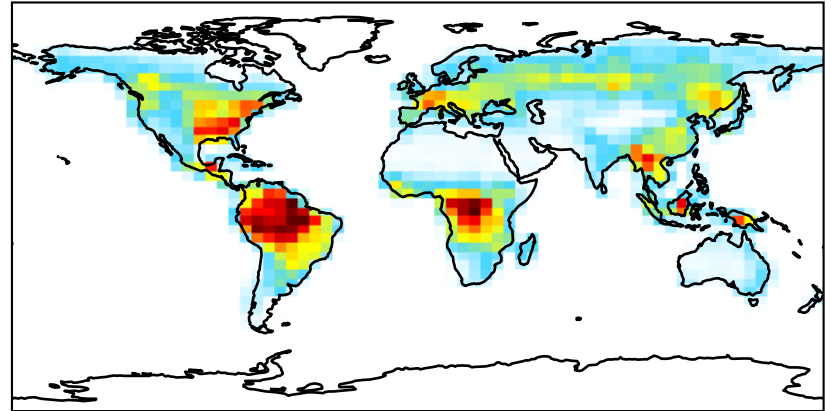


EmisEOH_PlantDecay

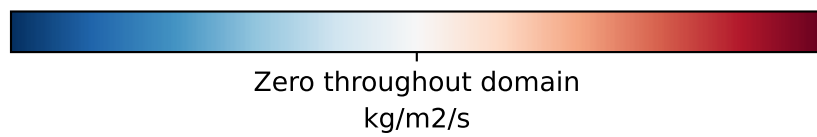
GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



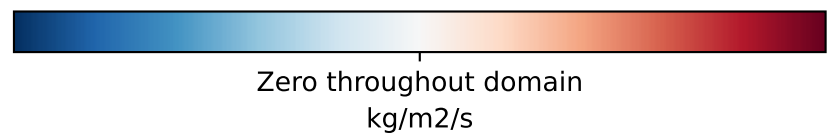
GCC_14.2.0_GEOS-FP (Dev)
4.0x5.0



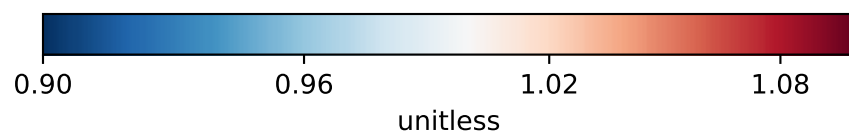
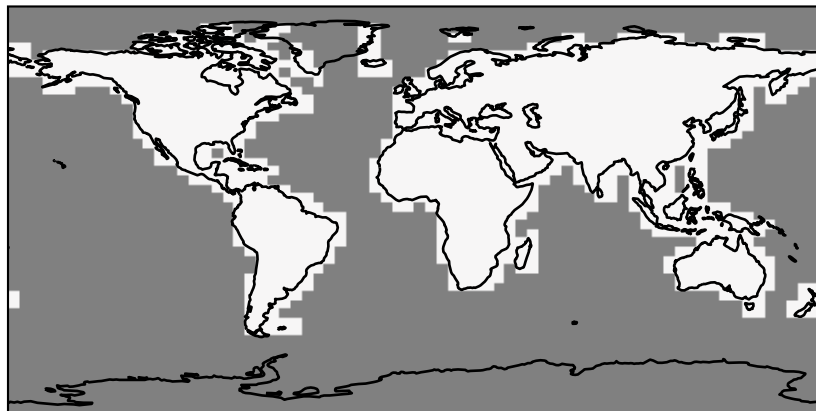
Difference
Dev - Ref, Dynamic Range



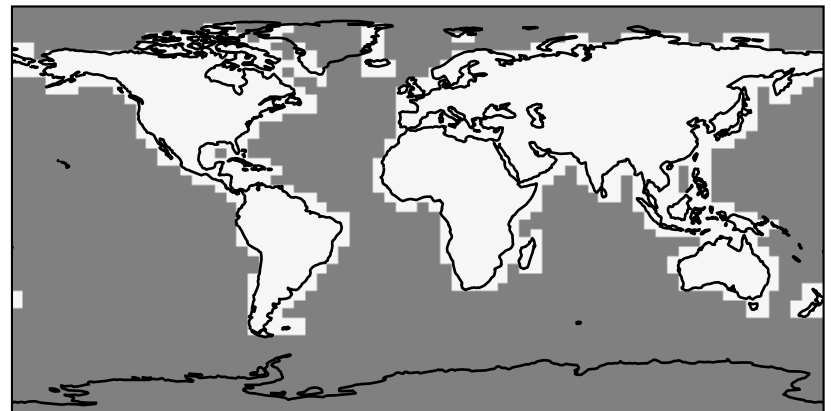
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range



EmisEOH_Ship

GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



Zero throughout domain
kg/m2/s

GCC_14.2.0_GEOS-FP (Dev)
4.0x5.0



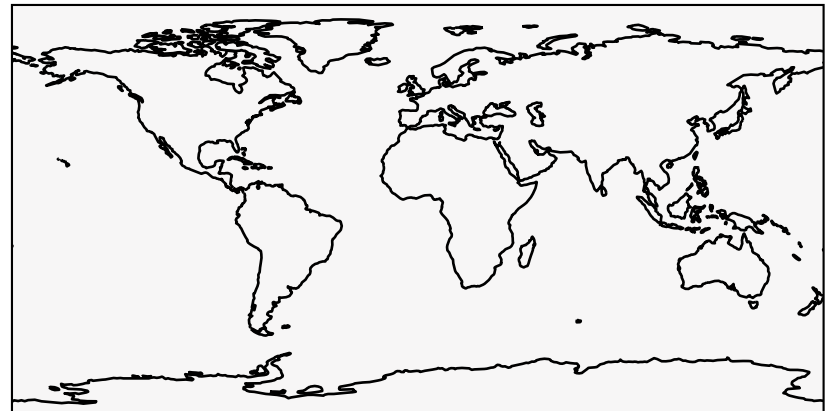
Zero throughout domain
kg/m2/s

Difference
Dev - Ref, Dynamic Range



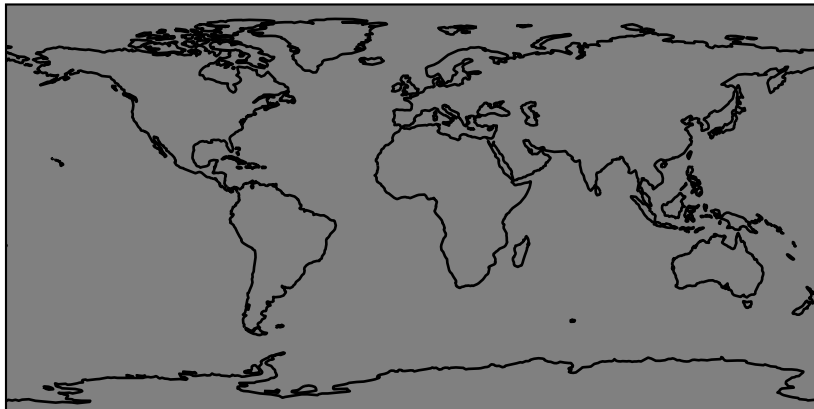
Zero throughout domain
kg/m2/s

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



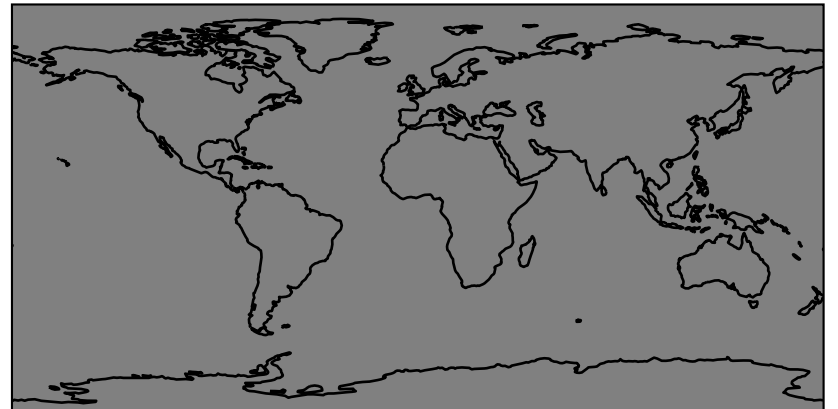
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

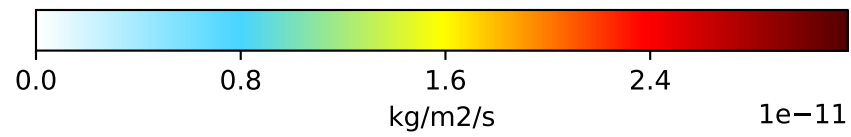
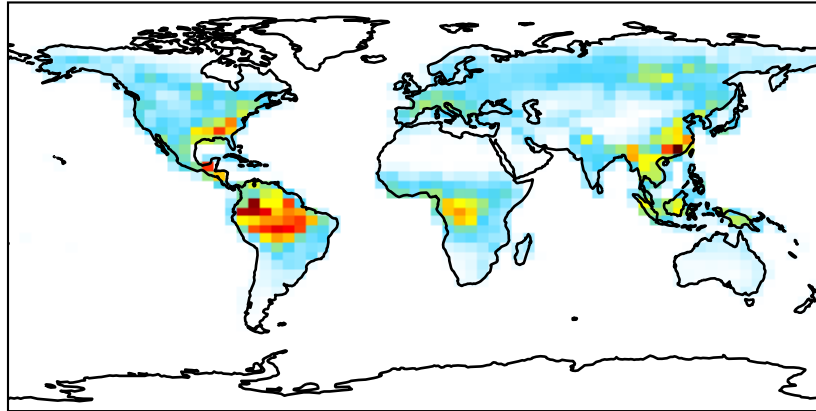
Ratio
Dev/Ref, Fixed Range



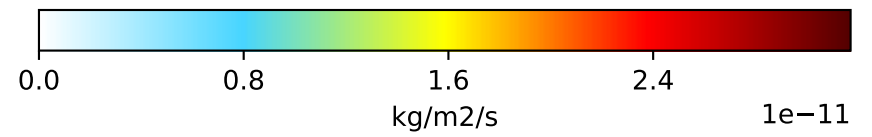
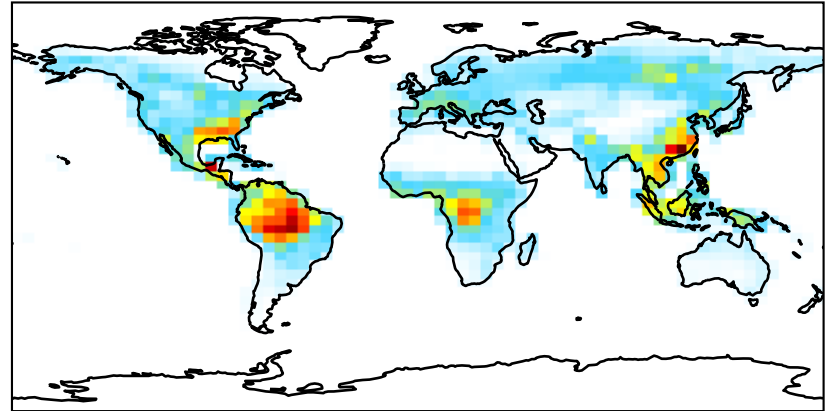
Undefined throughout domain
unitless

EmisEOH_Total

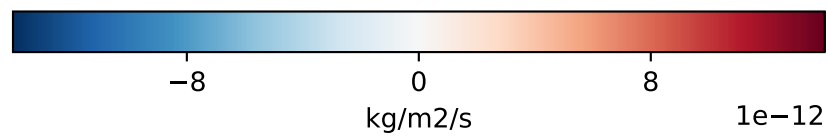
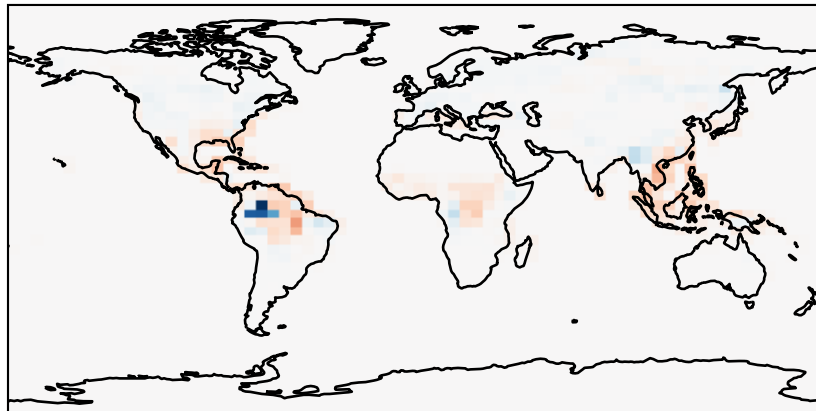
GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



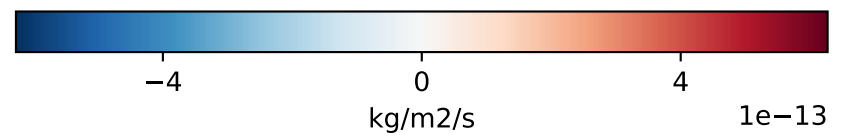
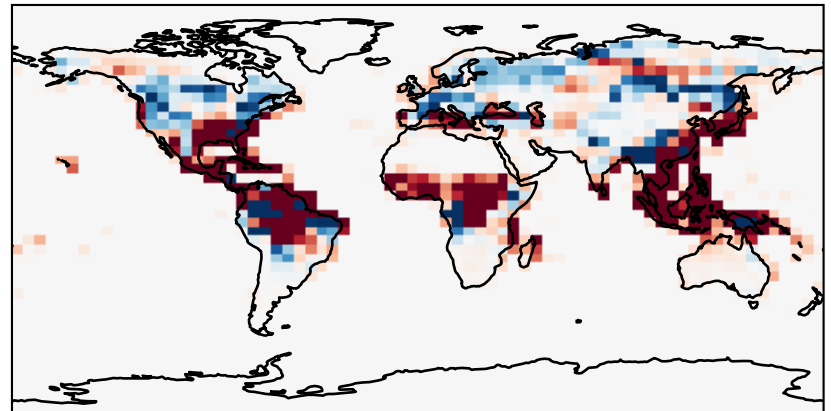
GCC_14.2.0_GEOS-FP (Dev)
4.0x5.0



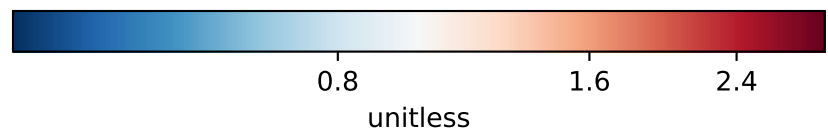
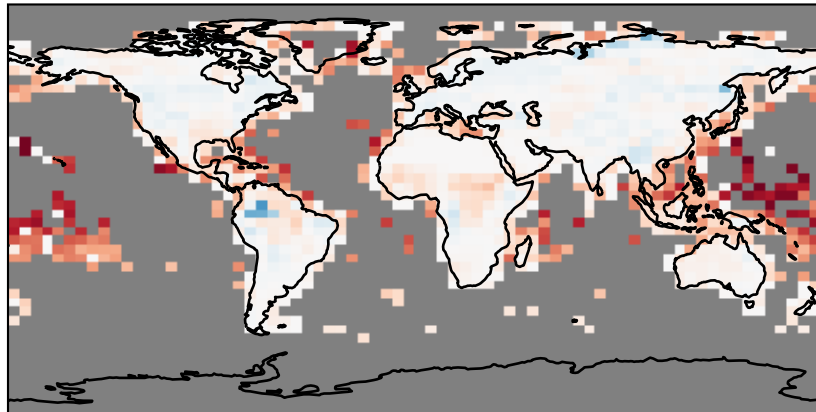
Difference
Dev - Ref, Dynamic Range



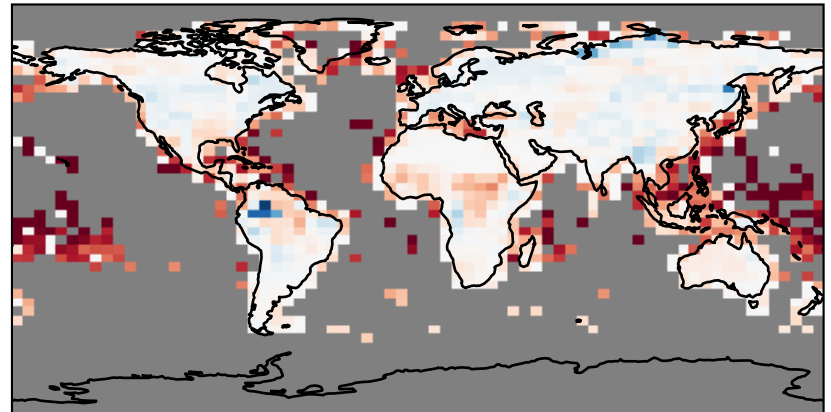
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

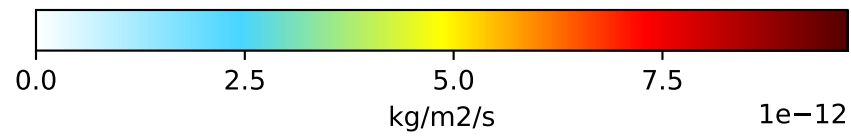
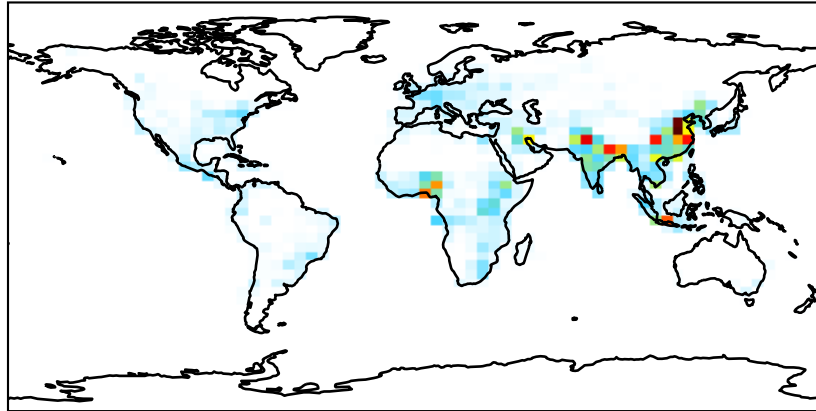


Ratio
Dev/Ref, Fixed Range

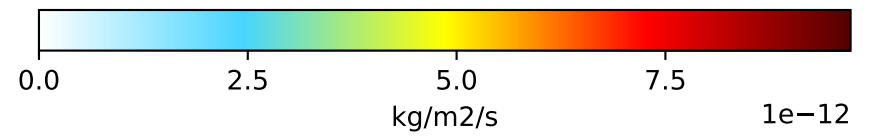
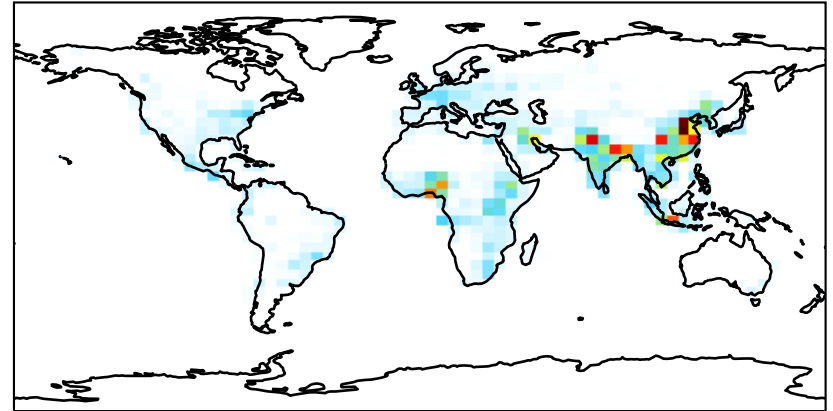


EmisMOH_Anthro

GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



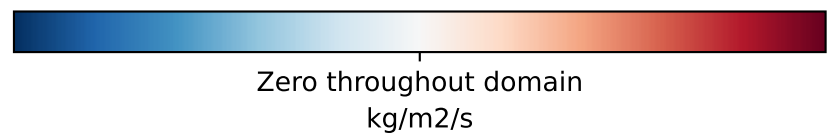
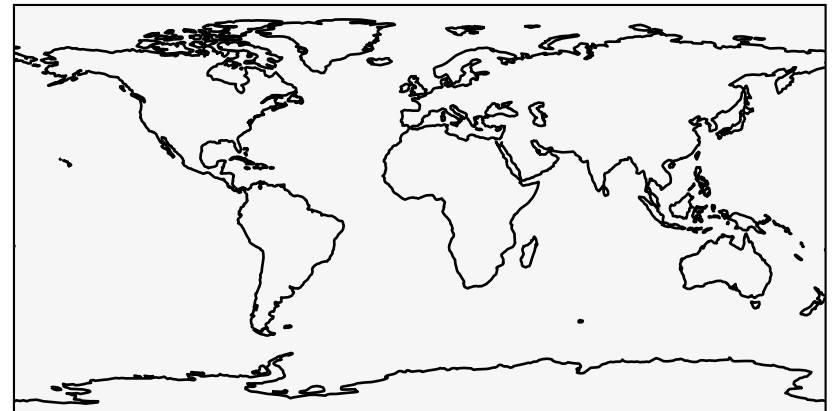
GCC_14.2.0_GEOS-FP (Dev)
4.0x5.0



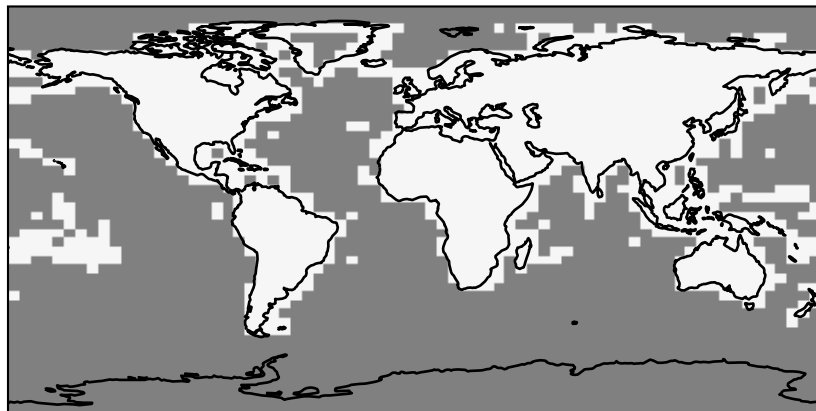
Difference
Dev - Ref, Dynamic Range



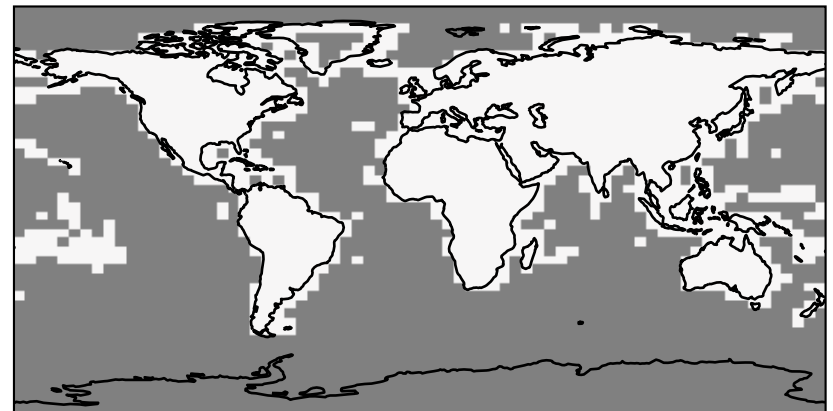
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

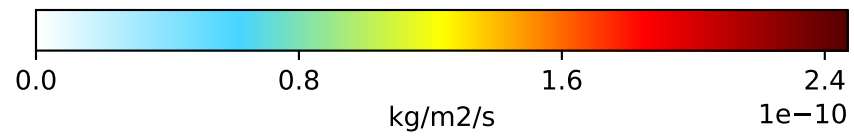
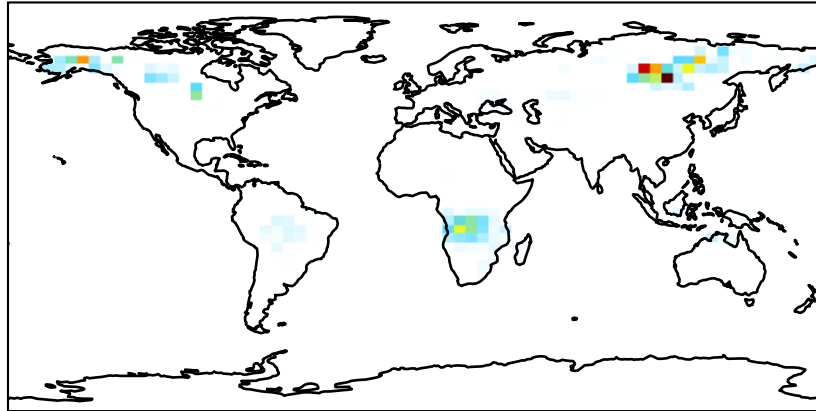


Ratio
Dev/Ref, Fixed Range

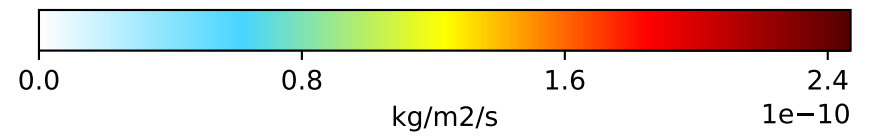
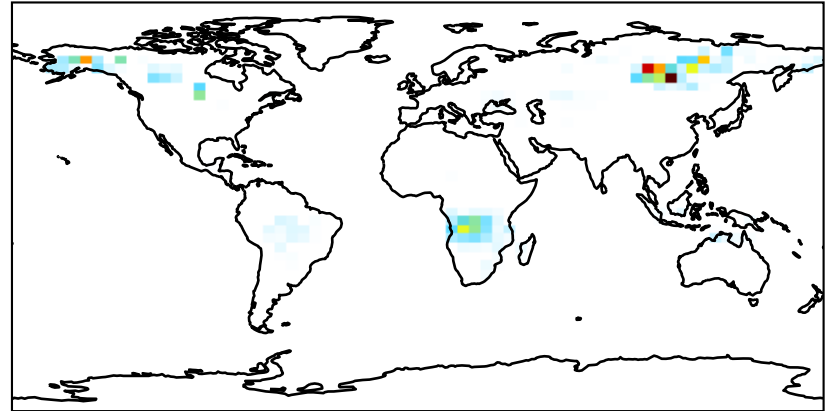


EmisMOH_BioBurn

GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



GCC_14.2.0_GEOS-FP (Dev)
4.0x5.0



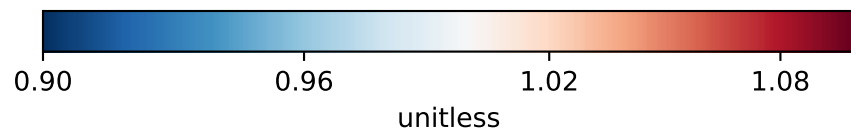
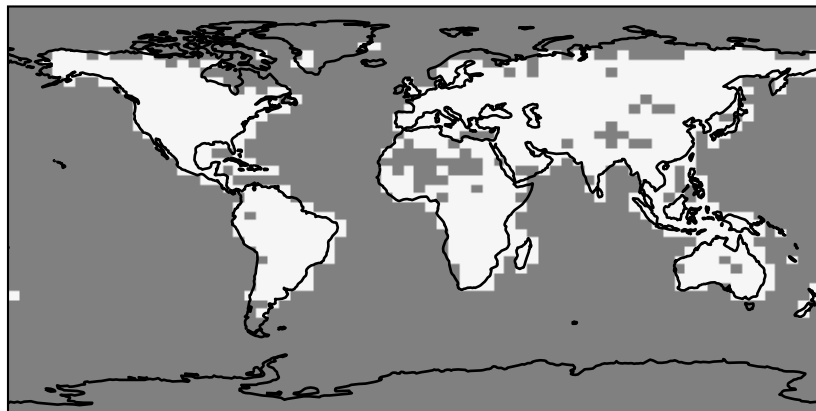
Difference
Dev - Ref, Dynamic Range



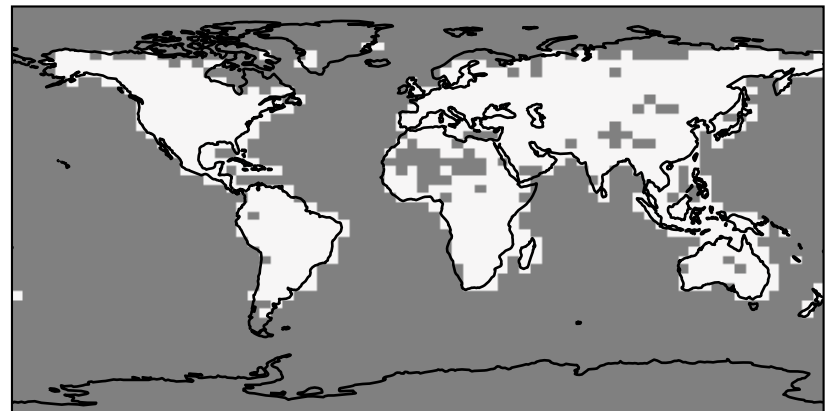
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

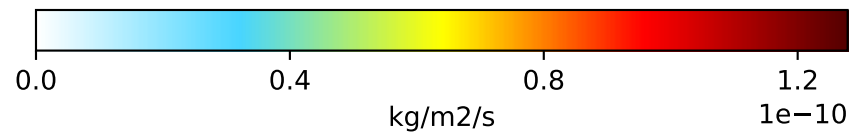
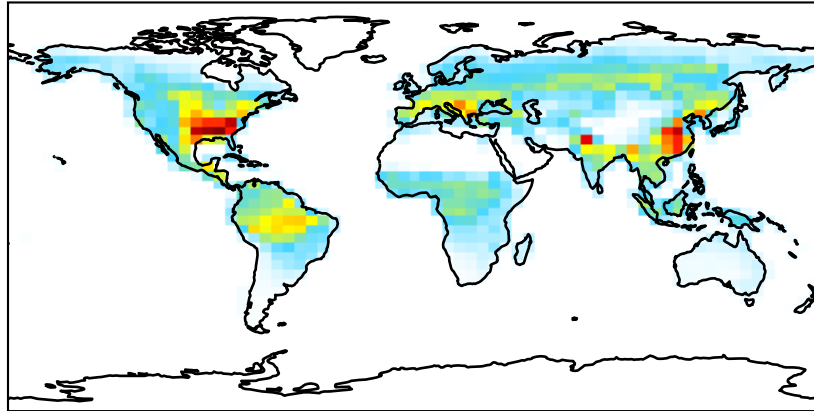


Ratio
Dev/Ref, Fixed Range

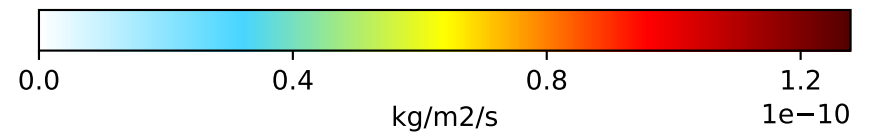
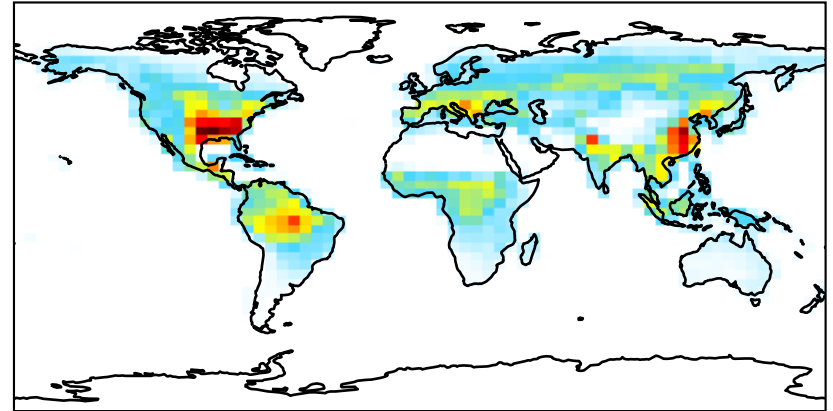


EmisMOH_Biogenic

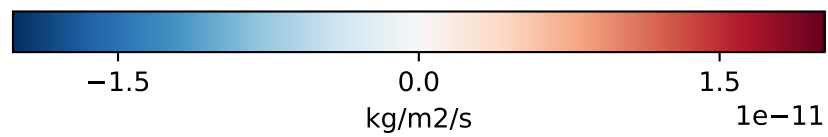
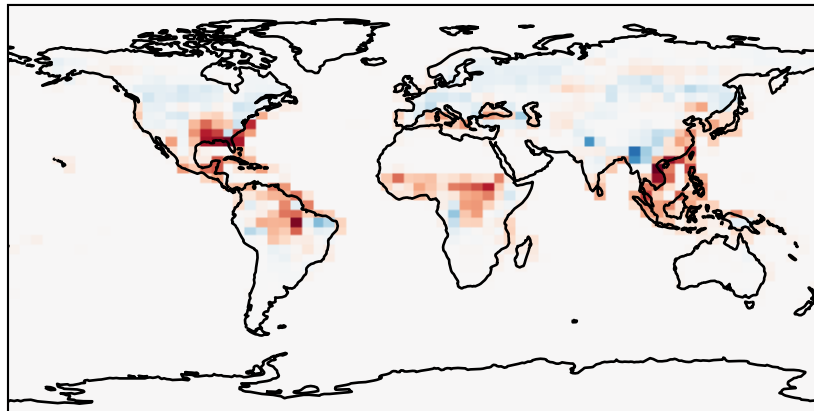
GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



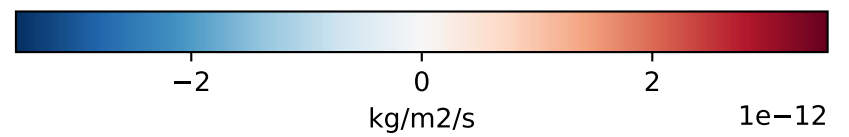
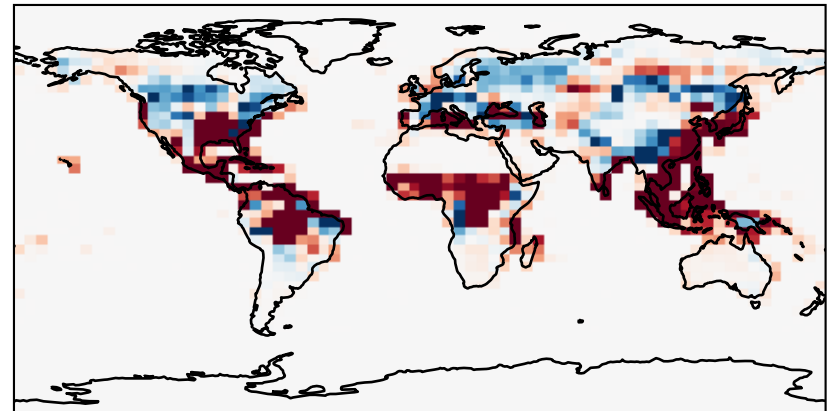
GCC_14.2.0_GEOS-FP (Dev)
4.0x5.0



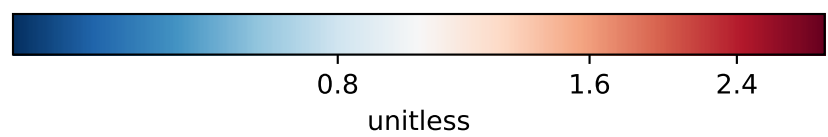
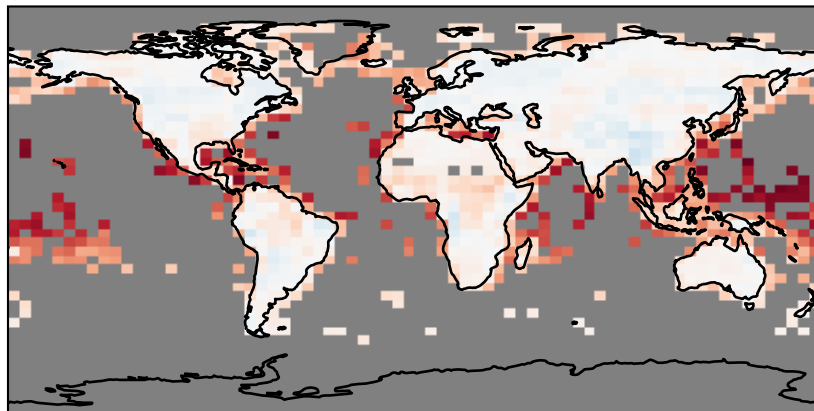
Difference
Dev - Ref, Dynamic Range



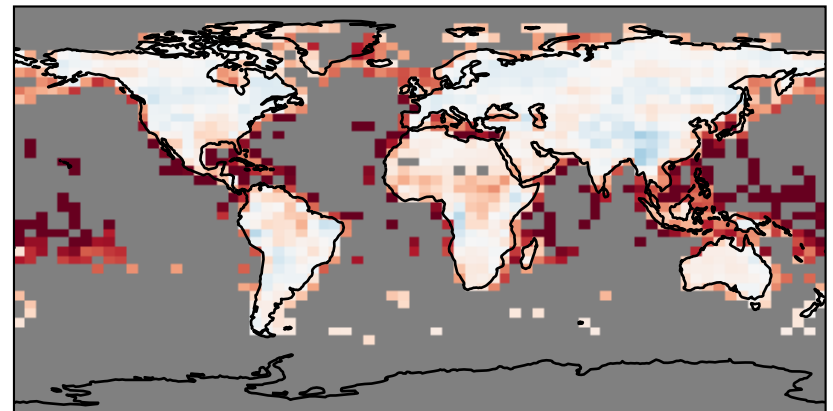
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

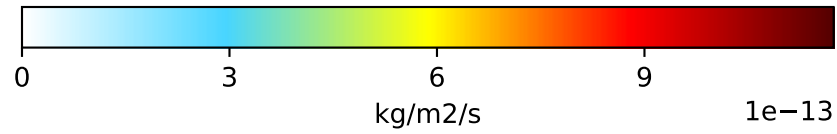
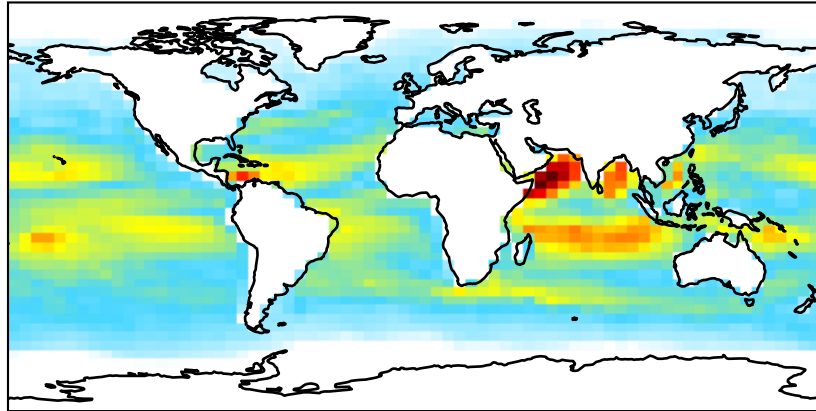


Ratio
Dev/Ref, Fixed Range

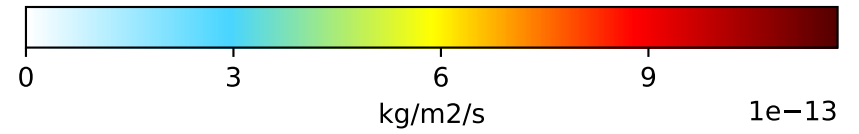
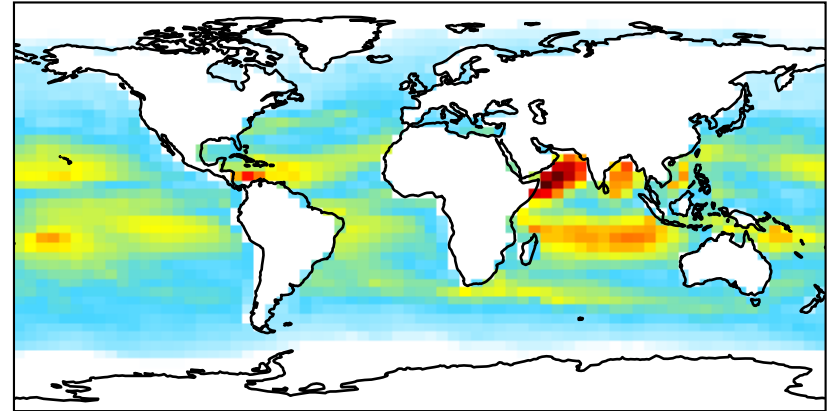


EmisMOH_Ocean

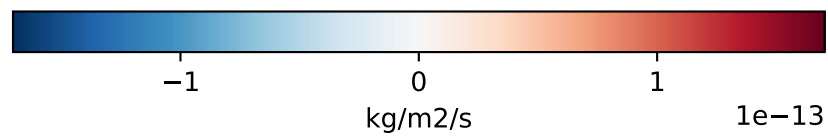
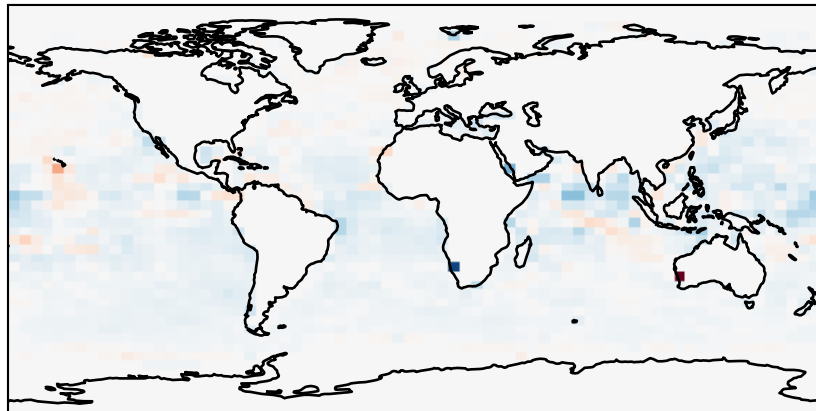
GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



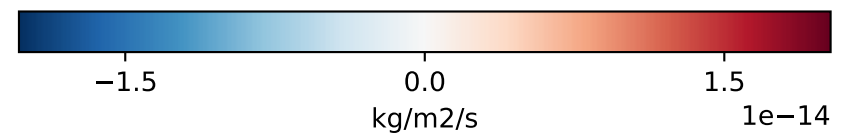
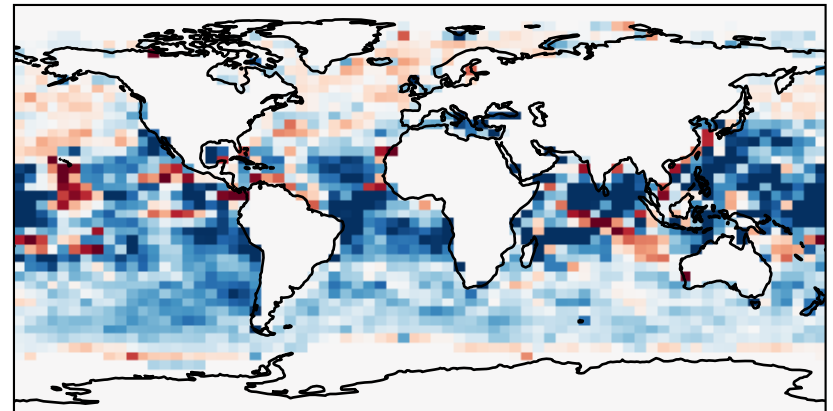
GCC_14.2.0_GEOS-FP (Dev)
4.0x5.0



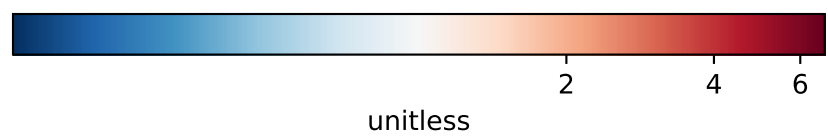
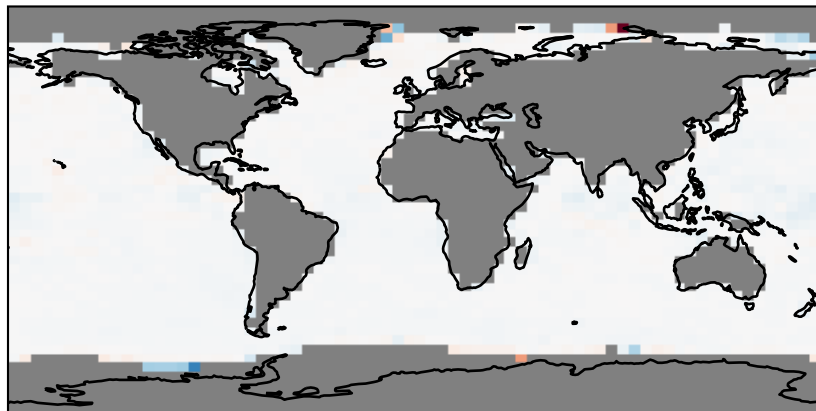
Difference
Dev - Ref, Dynamic Range



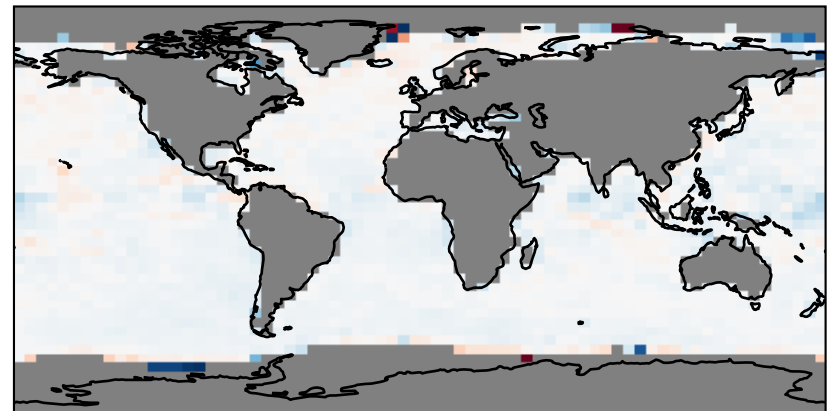
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

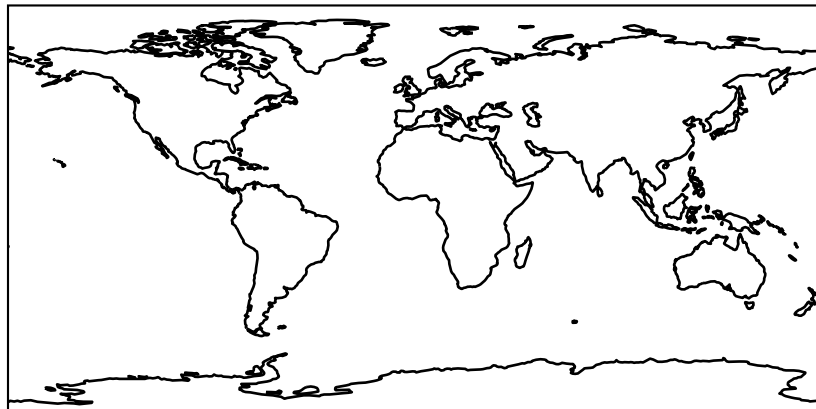


Ratio
Dev/Ref, Fixed Range



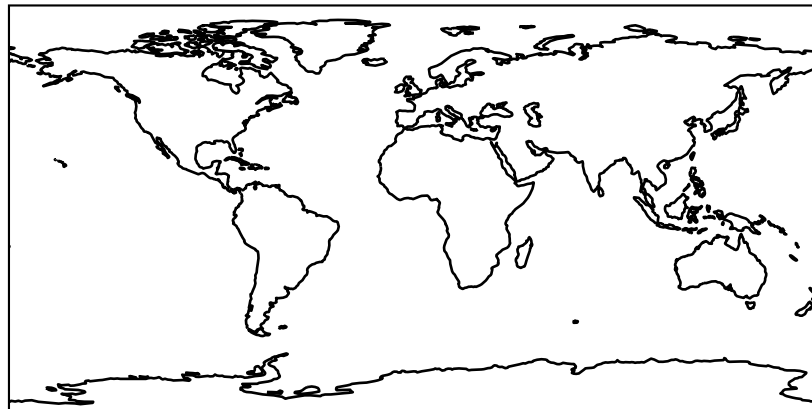
EmisMOH_Ship

GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



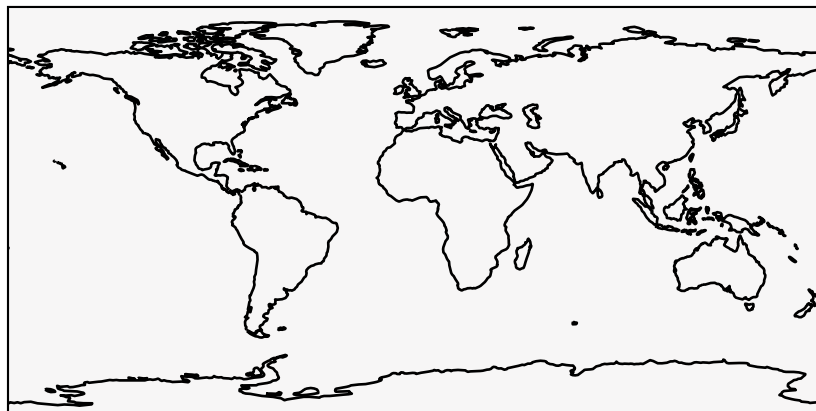
Zero throughout domain
kg/m2/s

GCC_14.2.0_GEOS-FP (Dev)
4.0x5.0



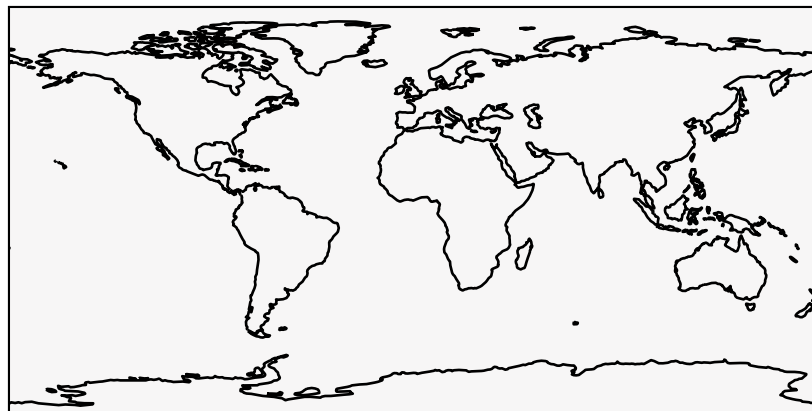
Zero throughout domain
kg/m2/s

Difference
Dev - Ref, Dynamic Range



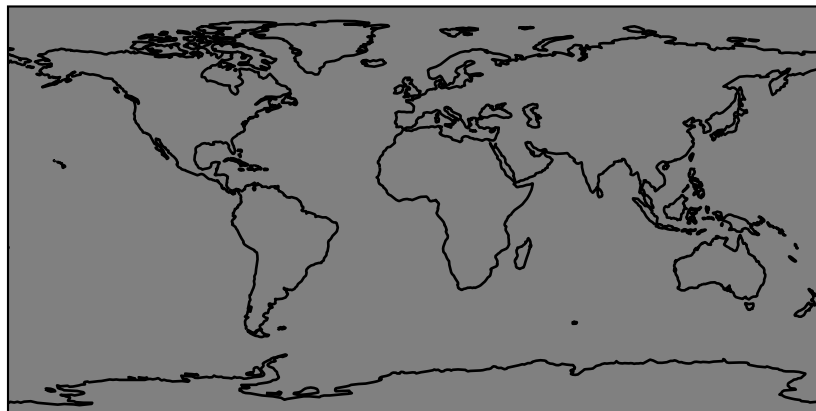
Zero throughout domain
kg/m2/s

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



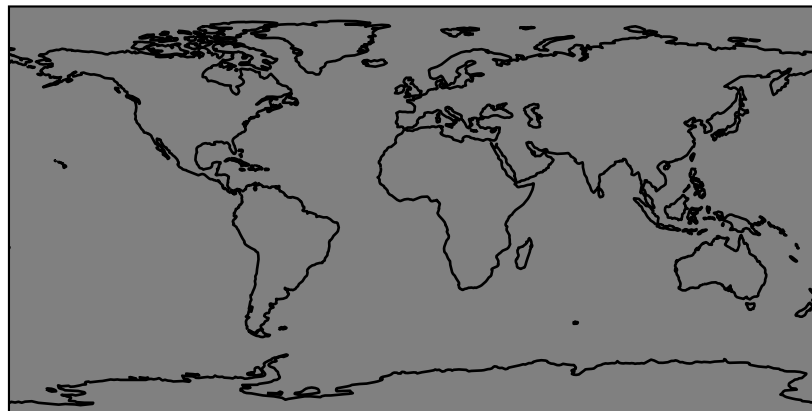
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

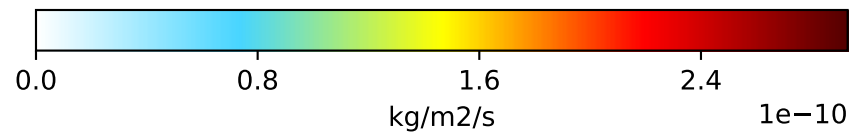
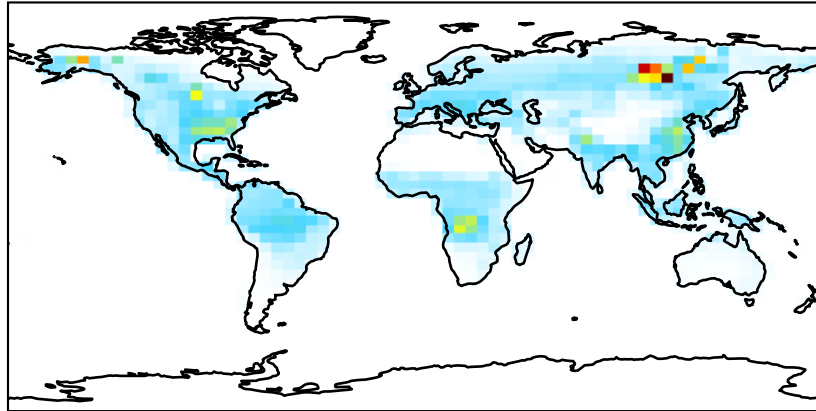
Ratio
Dev/Ref, Fixed Range



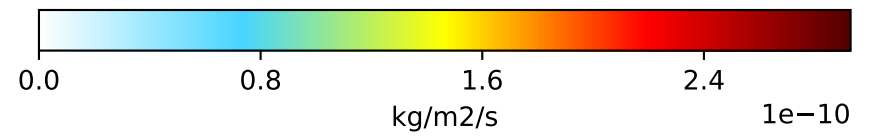
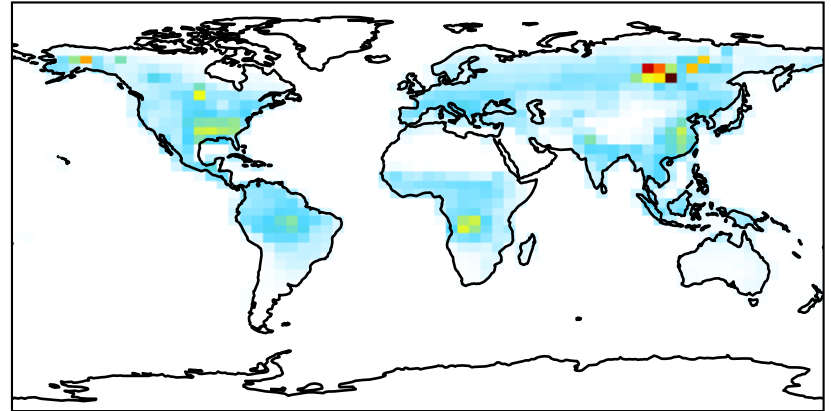
Undefined throughout domain
unitless

EmisMOH_Total

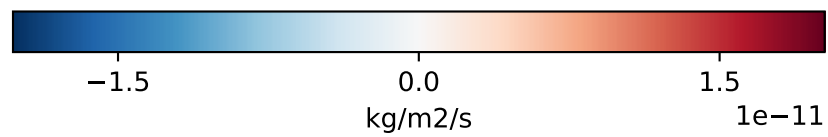
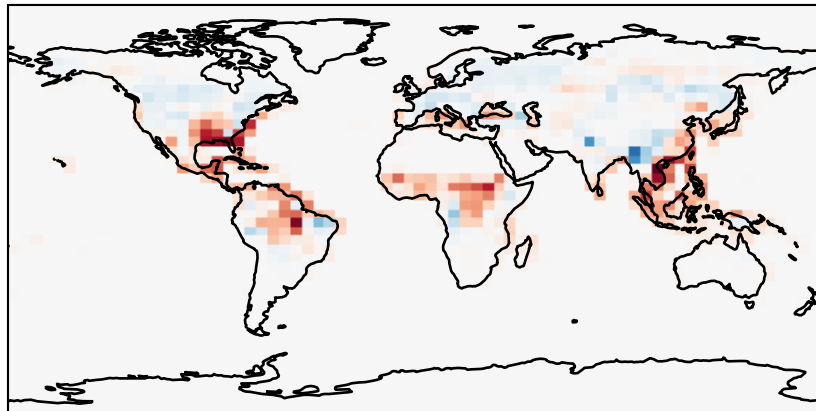
GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



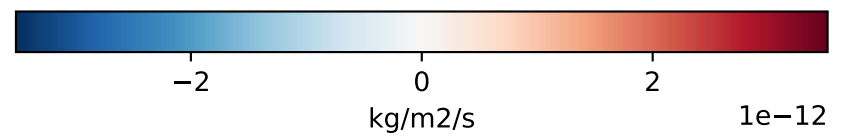
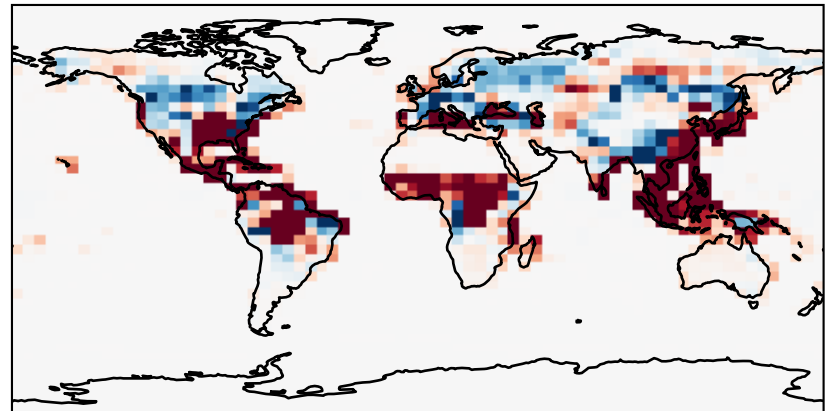
GCC_14.2.0_GEOS-FP (Dev)
4.0x5.0



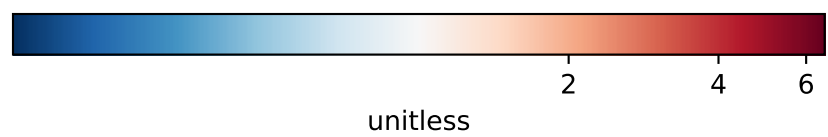
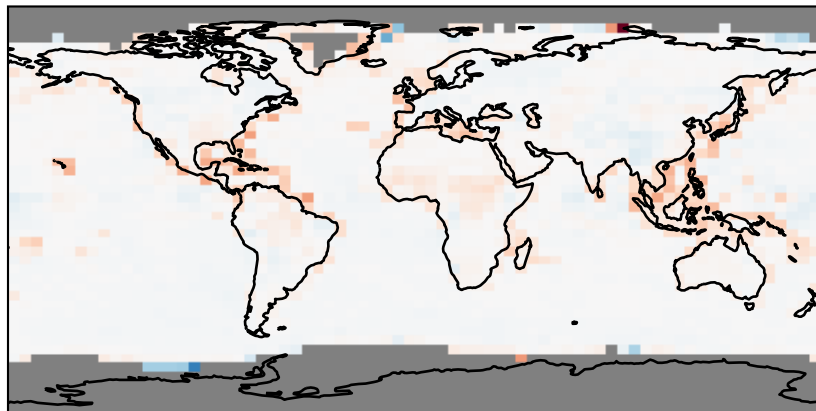
Difference
Dev - Ref, Dynamic Range



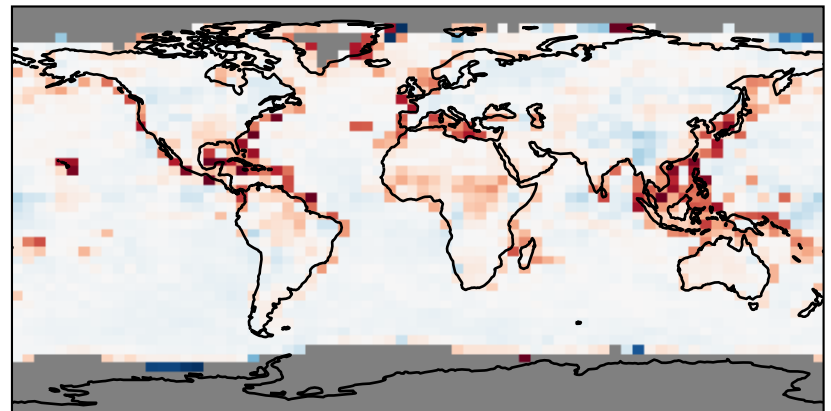
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

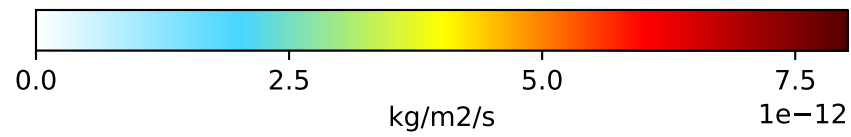
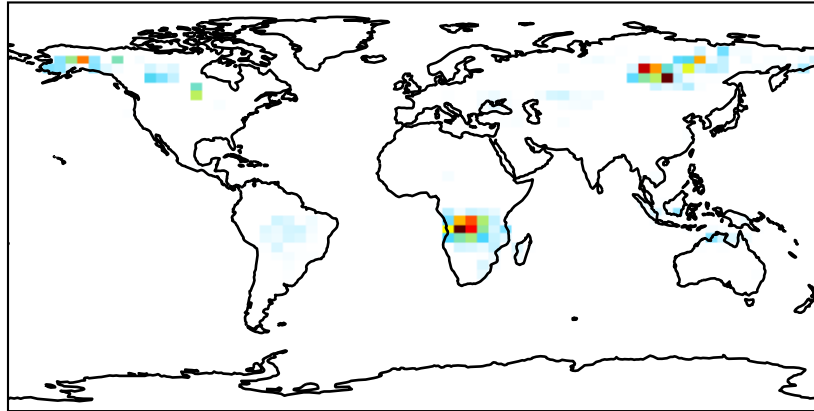


Ratio
Dev/Ref, Fixed Range

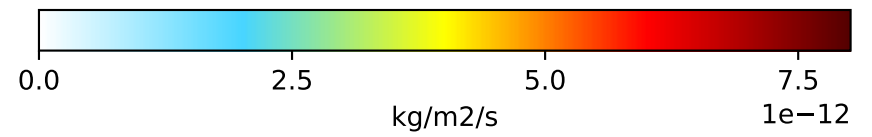
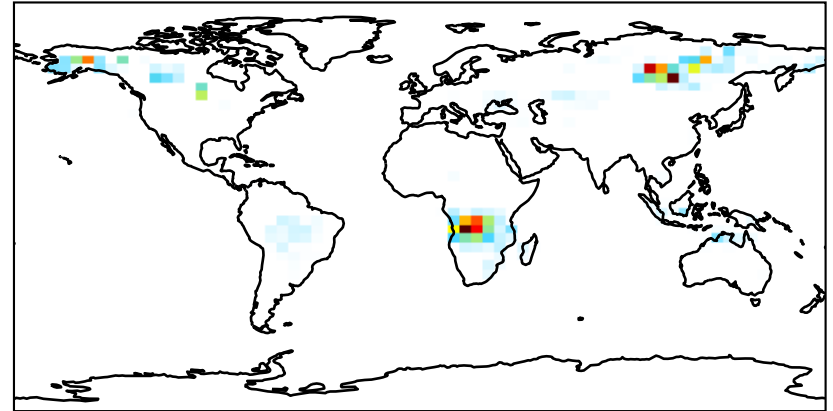


EmisISOP_BioBurn

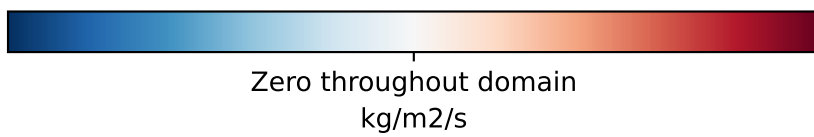
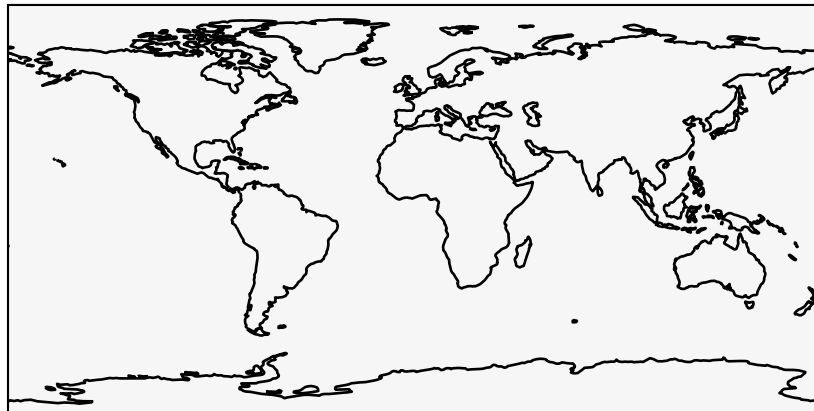
GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



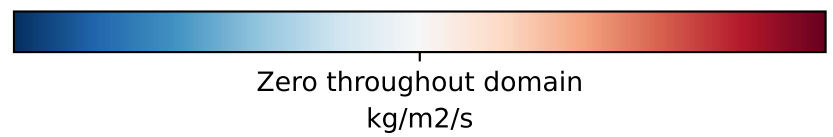
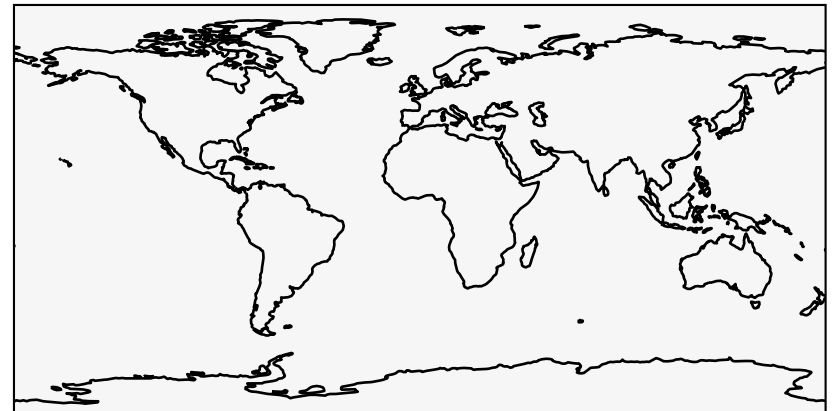
GCC_14.2.0_GEOS-FP (Dev)
4.0x5.0



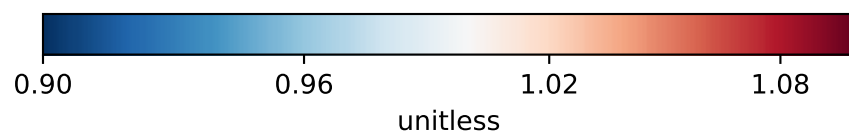
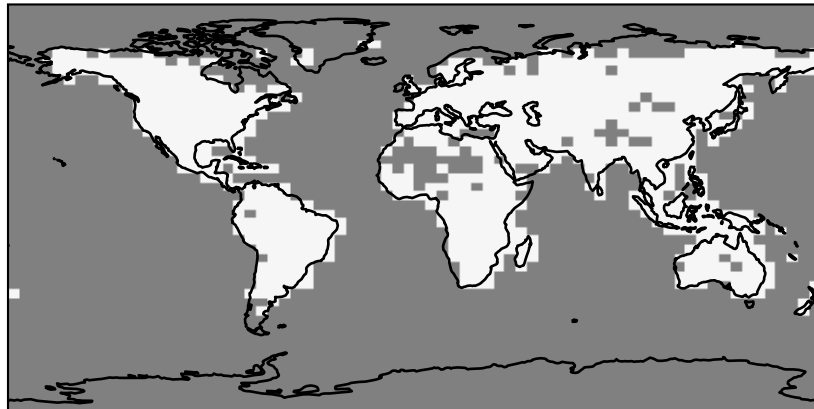
Difference
Dev - Ref, Dynamic Range



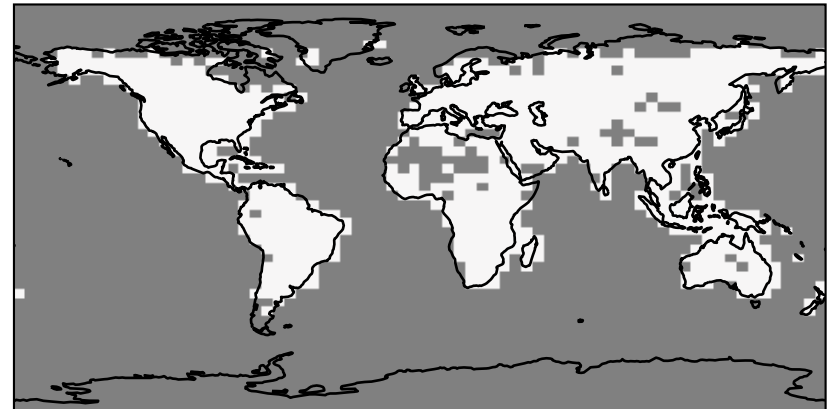
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

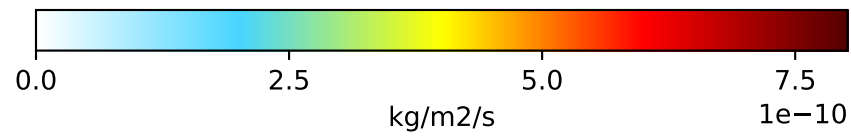
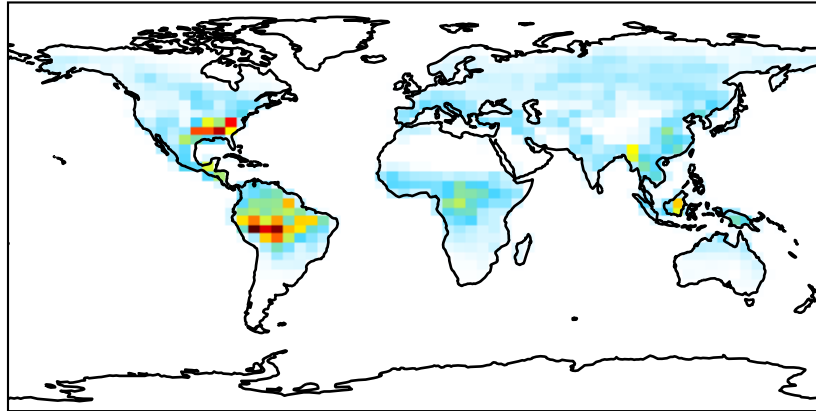


Ratio
Dev/Ref, Fixed Range

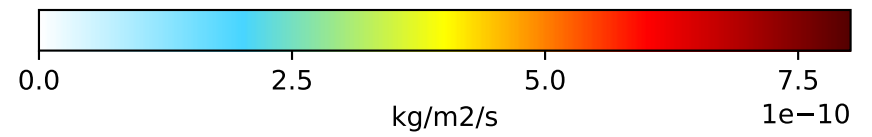
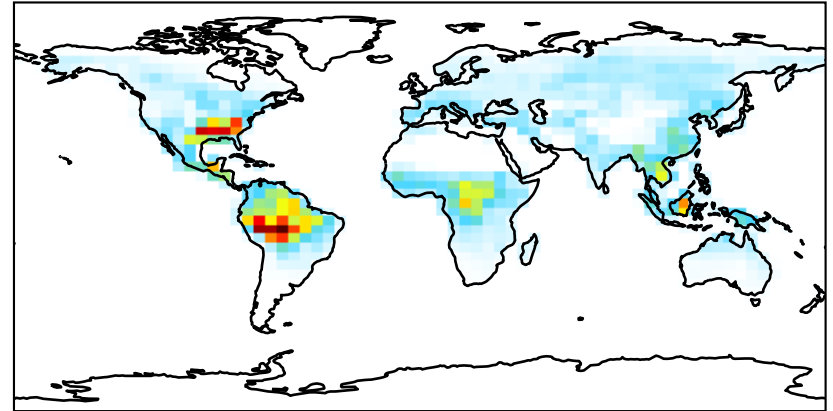


EmisSOP_Biogenic

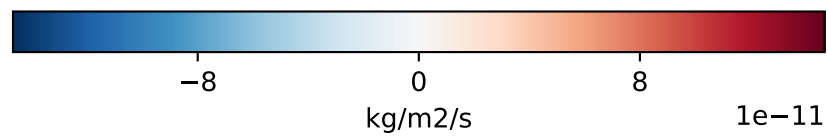
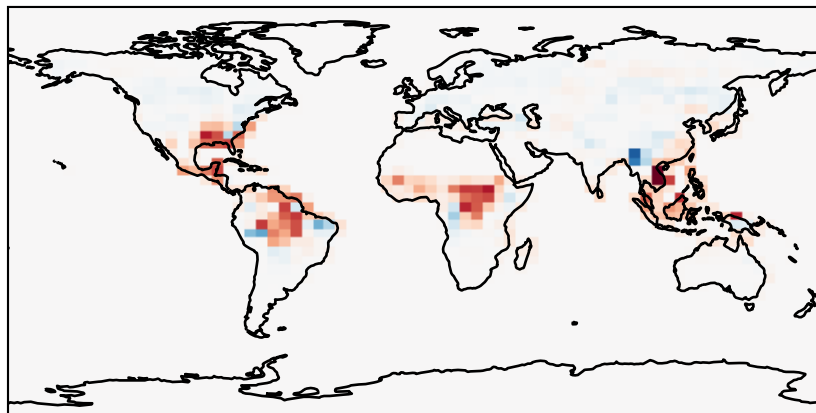
GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



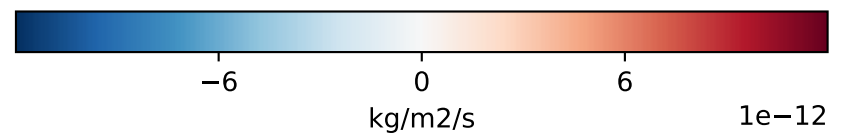
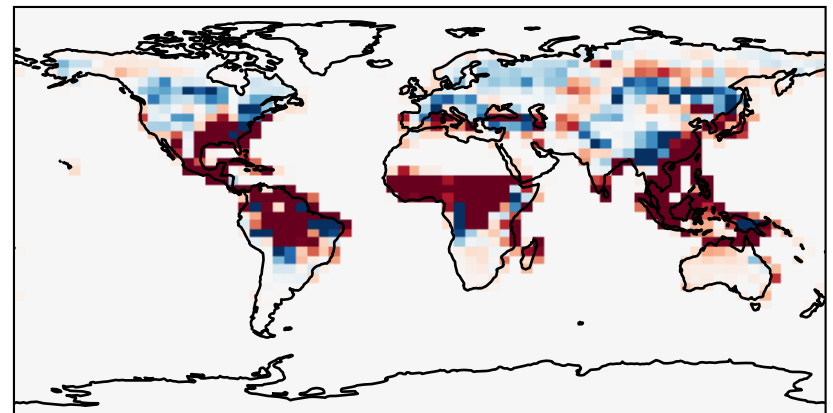
GCC_14.2.0_GEOS-FP (Dev)
4.0x5.0



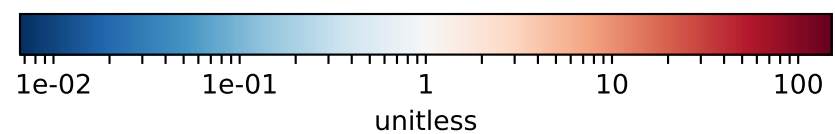
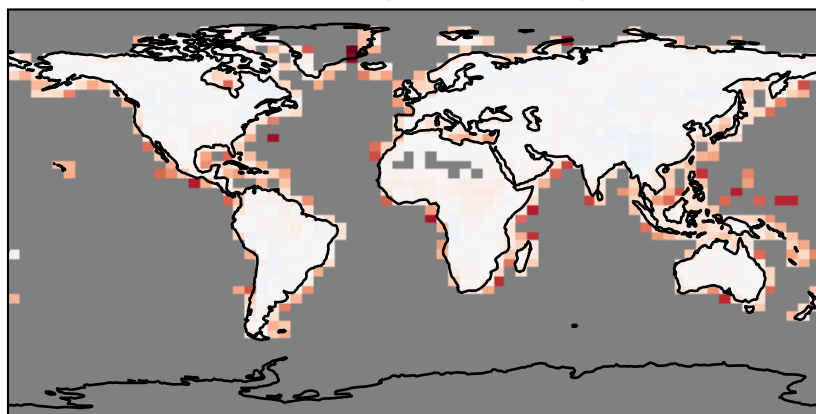
Difference
Dev - Ref, Dynamic Range



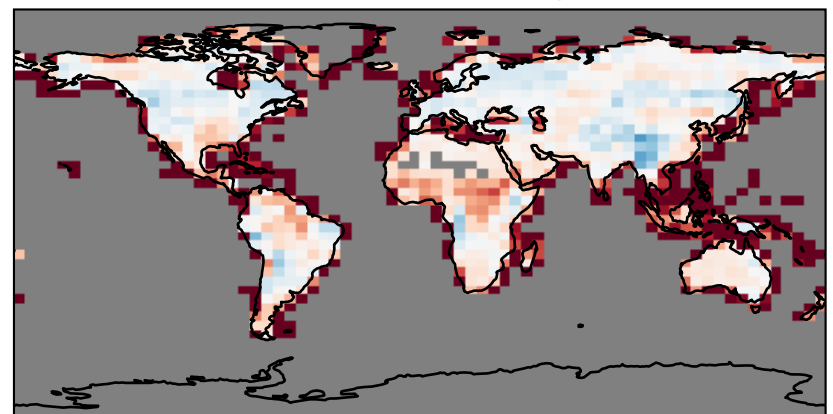
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

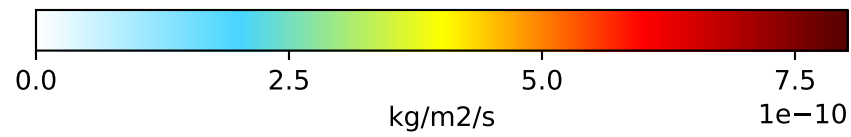
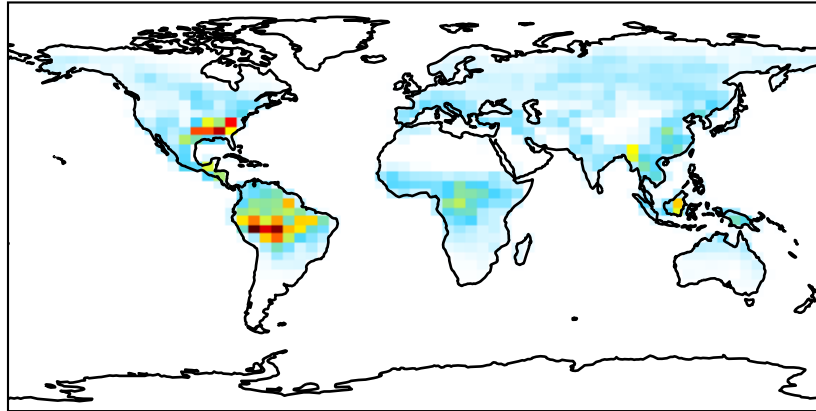


Ratio
Dev/Ref, Fixed Range

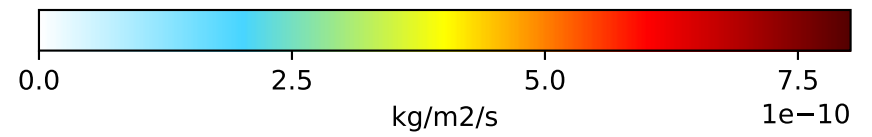
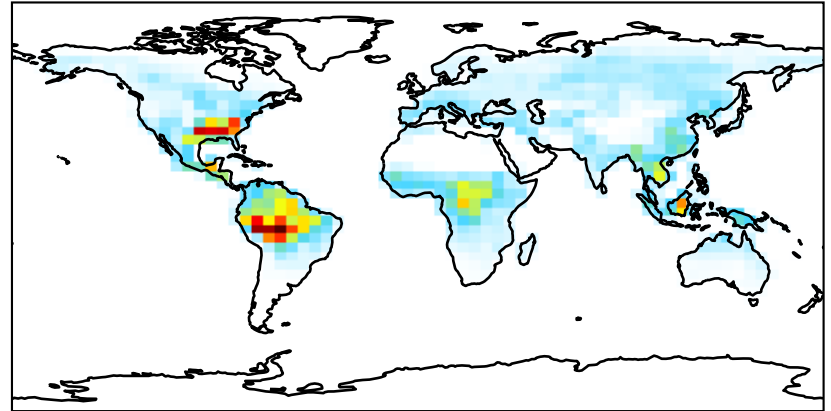


EmisSOP_Total

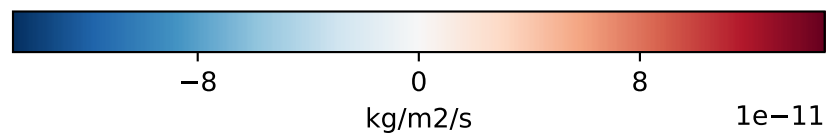
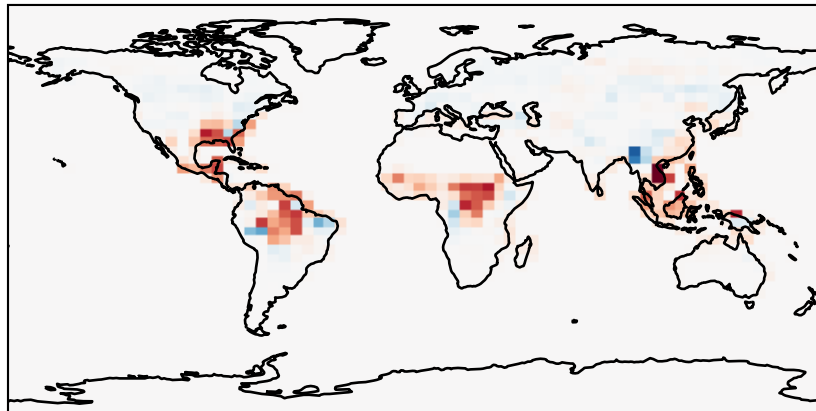
GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



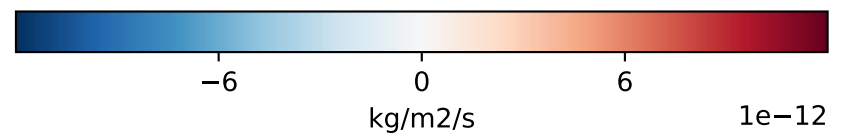
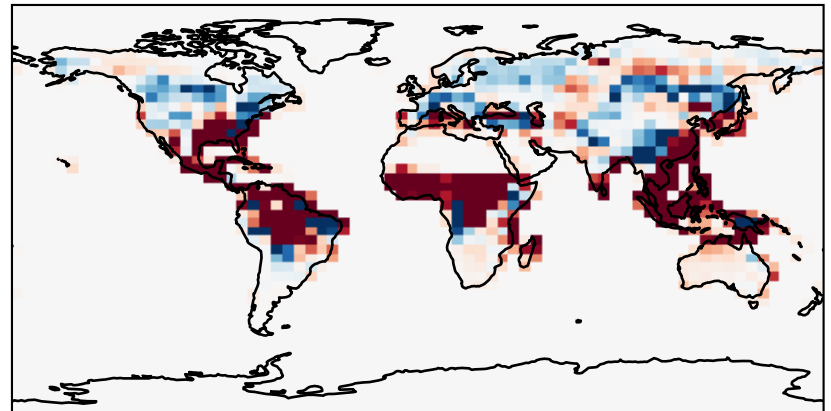
GCC_14.2.0_GEOS-FP (Dev)
4.0x5.0



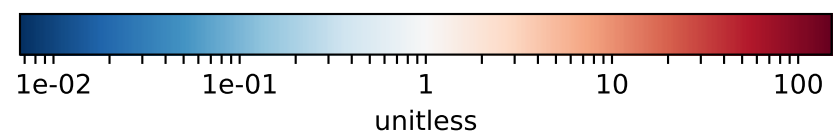
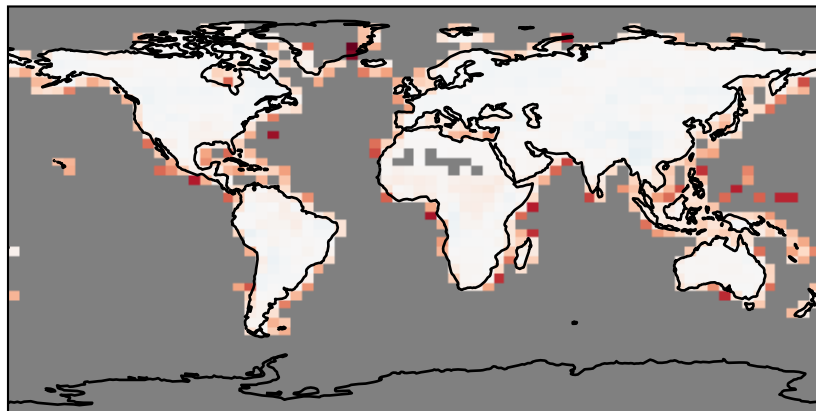
Difference
Dev - Ref, Dynamic Range



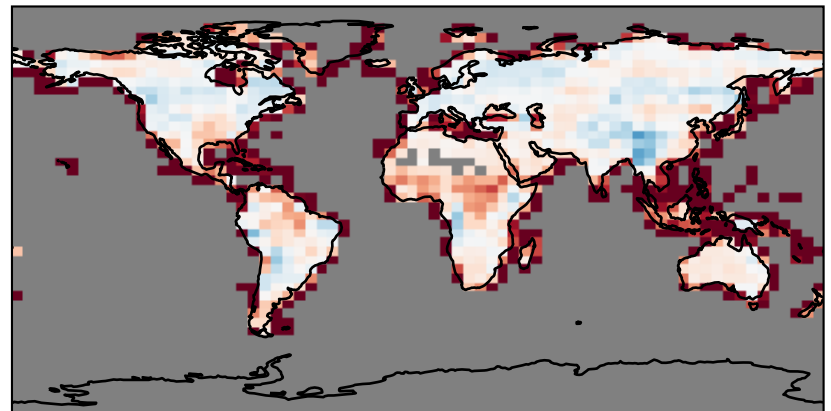
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

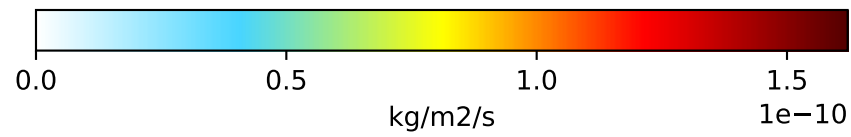
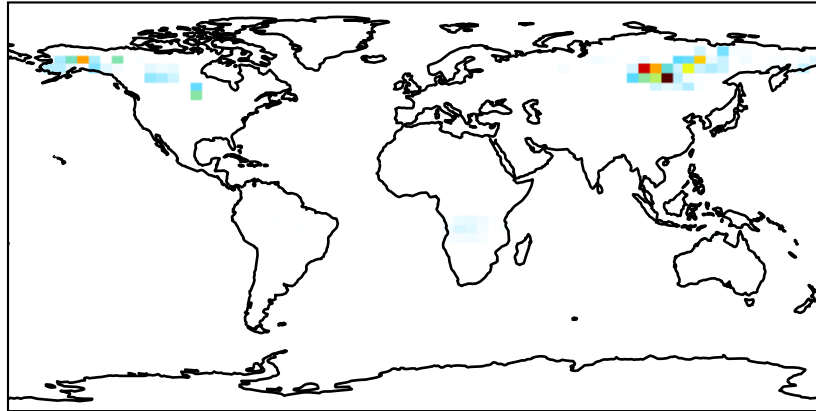


Ratio
Dev/Ref, Fixed Range

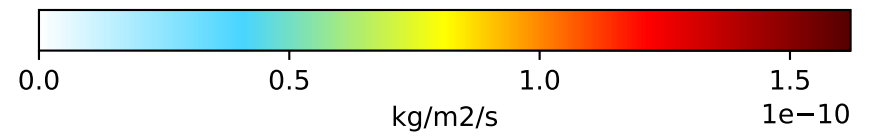
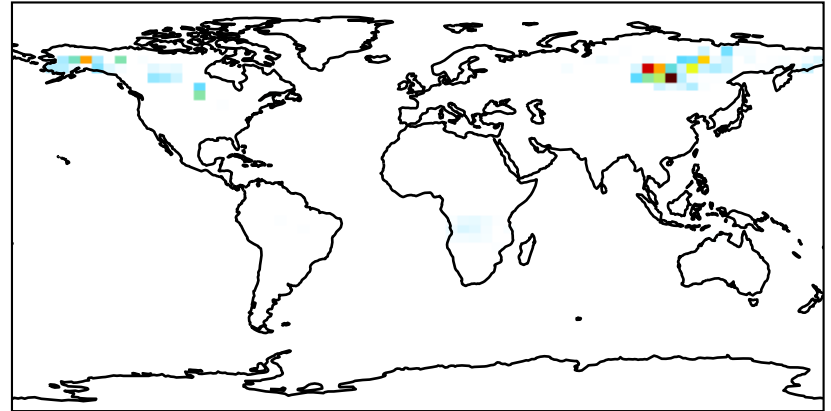


EmisMTPA_BioBurn

GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



GCC_14.2.0_GEOS-FP (Dev)
4.0x5.0



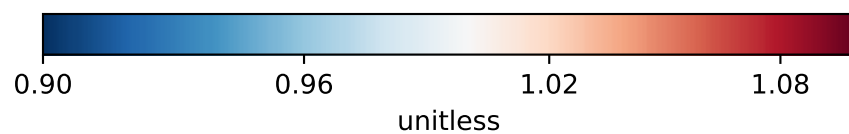
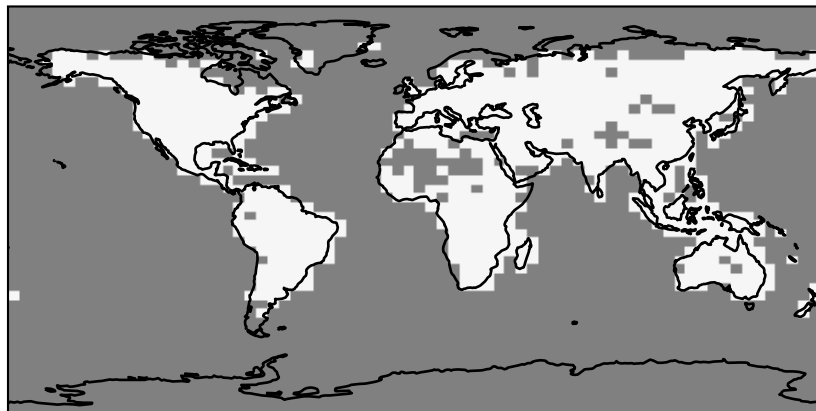
Difference
Dev - Ref, Dynamic Range



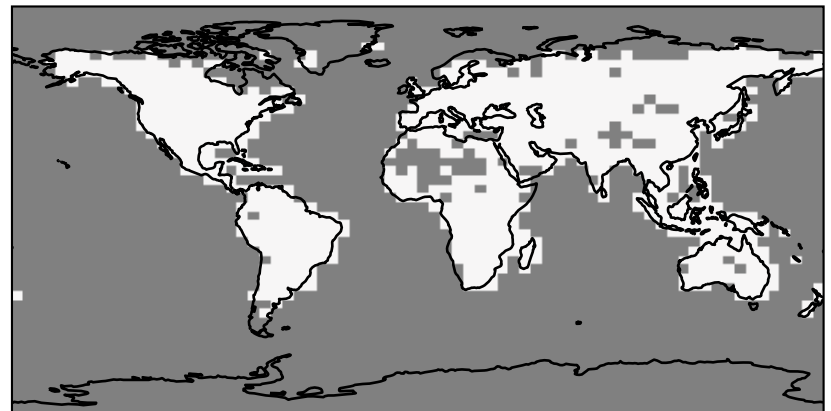
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

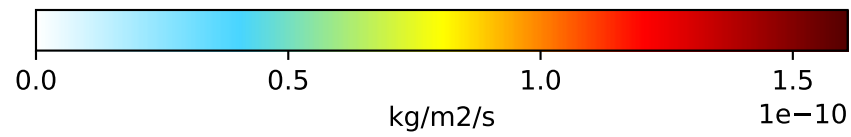
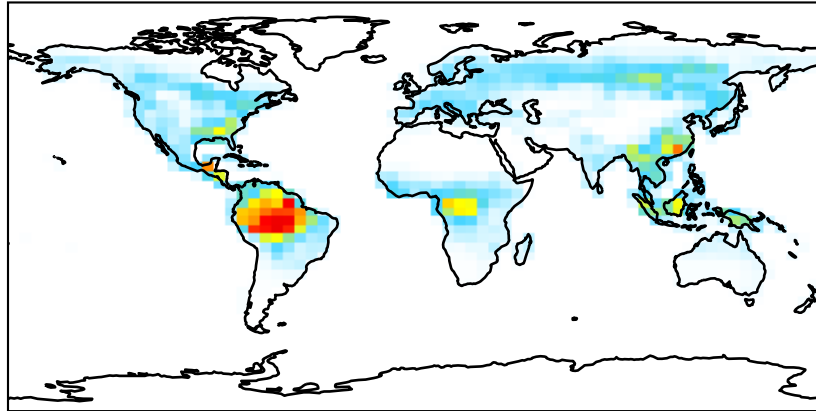


Ratio
Dev/Ref, Fixed Range

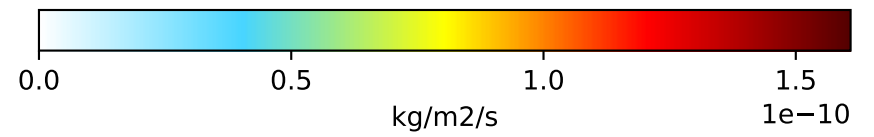
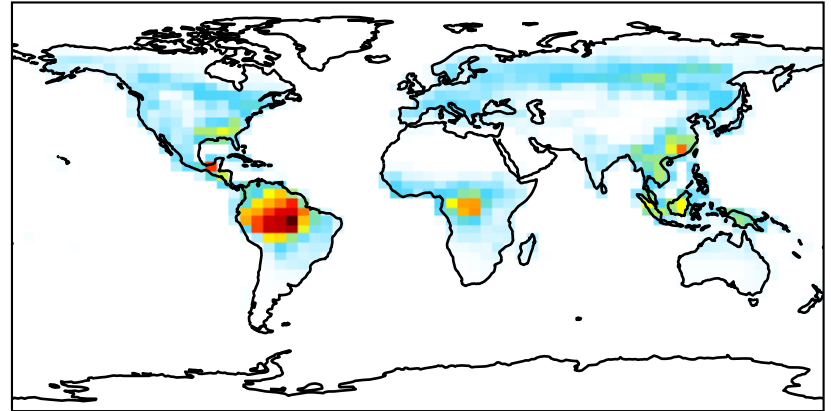


EmisMTPA_Biogenic

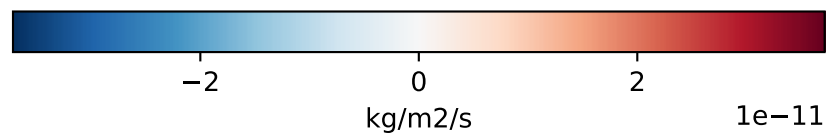
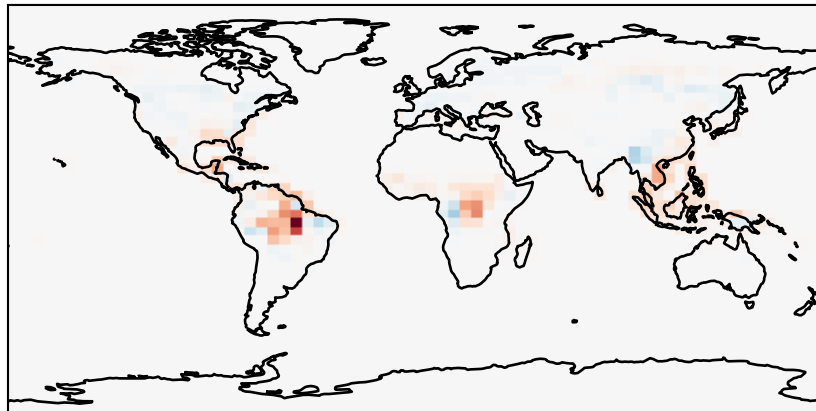
GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



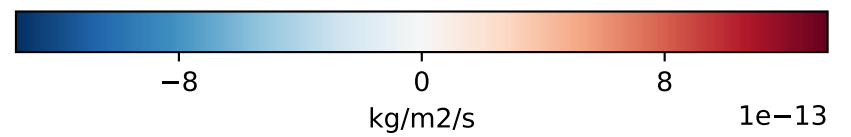
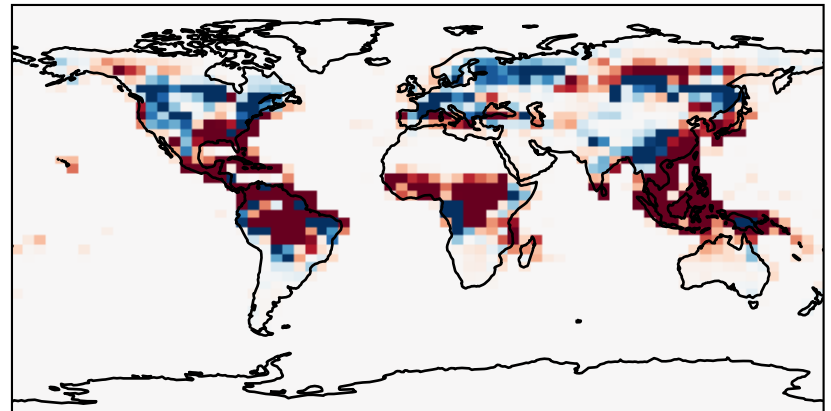
GCC_14.2.0_GEOS-FP (Dev)
4.0x5.0



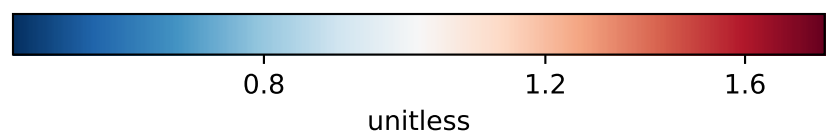
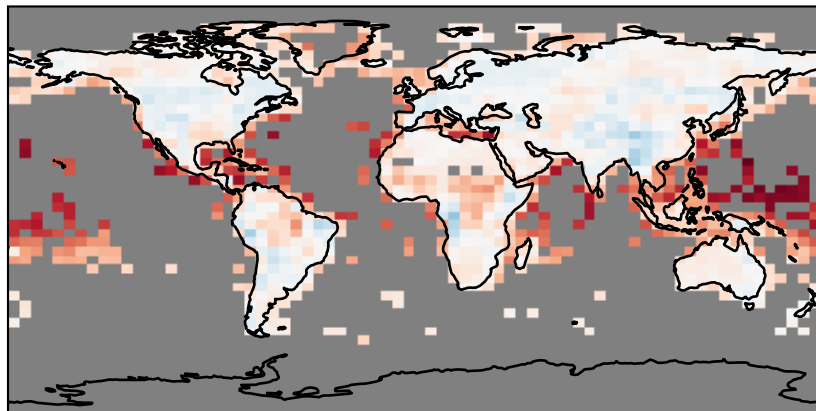
Difference
Dev - Ref, Dynamic Range



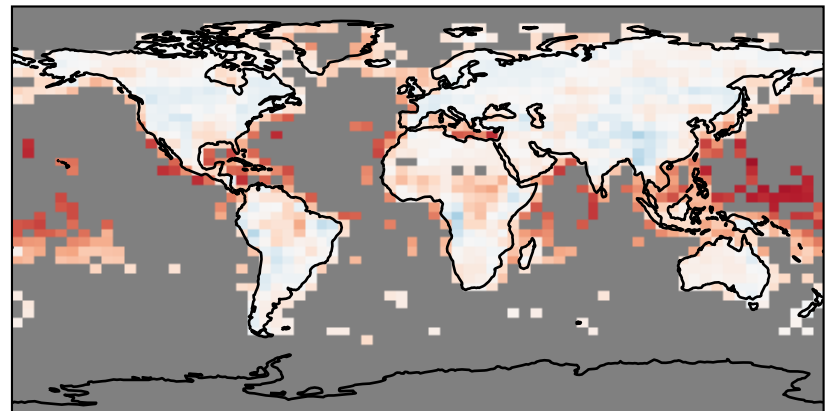
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

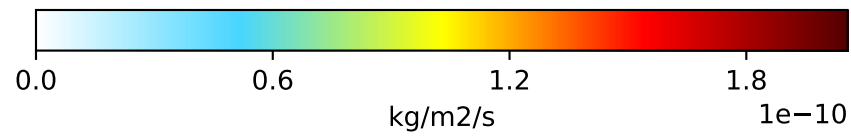
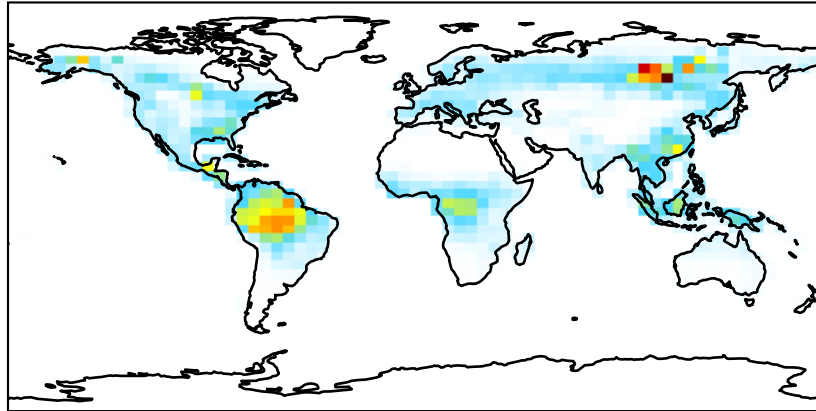


Ratio
Dev/Ref, Fixed Range

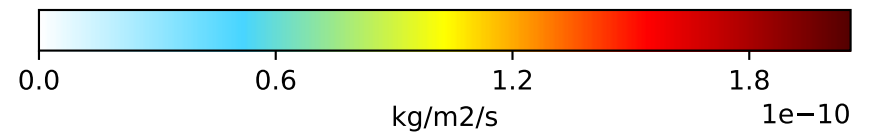
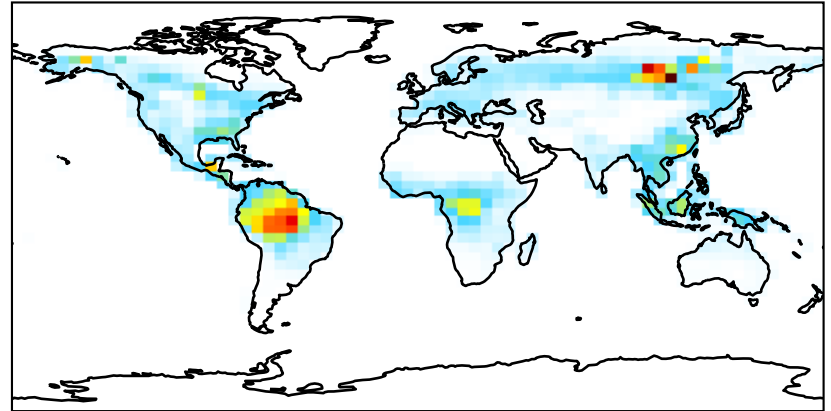


EmisMTPA_Total

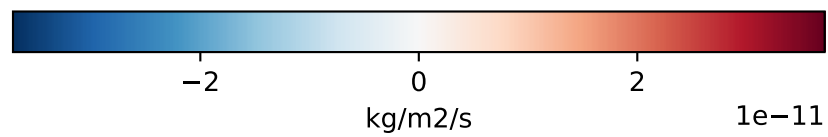
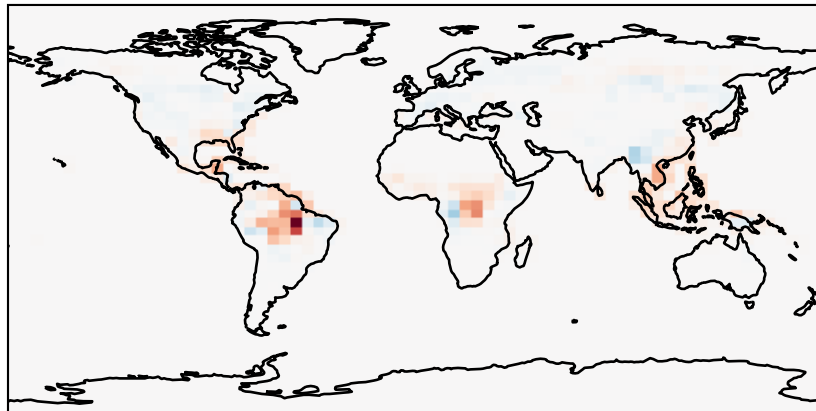
GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



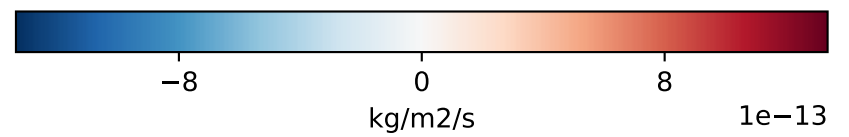
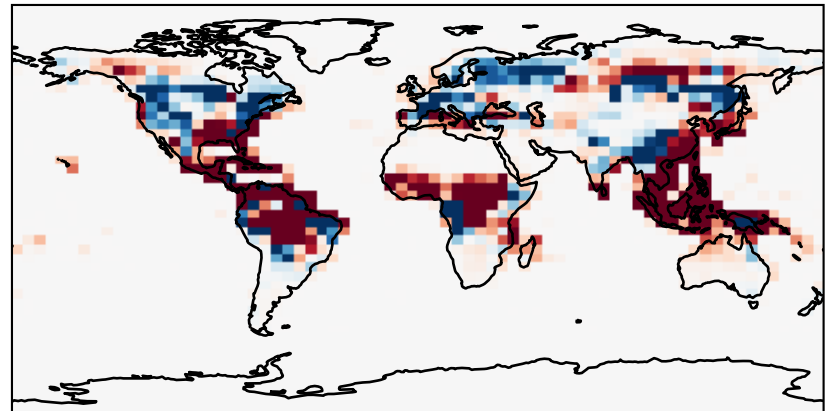
GCC_14.2.0_GEOS-FP (Dev)
4.0x5.0



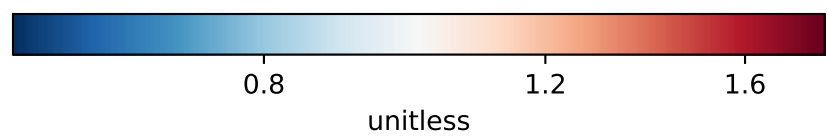
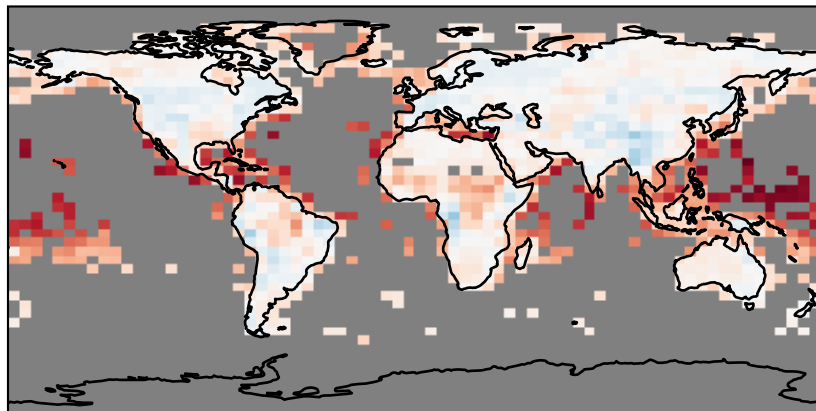
Difference
Dev - Ref, Dynamic Range



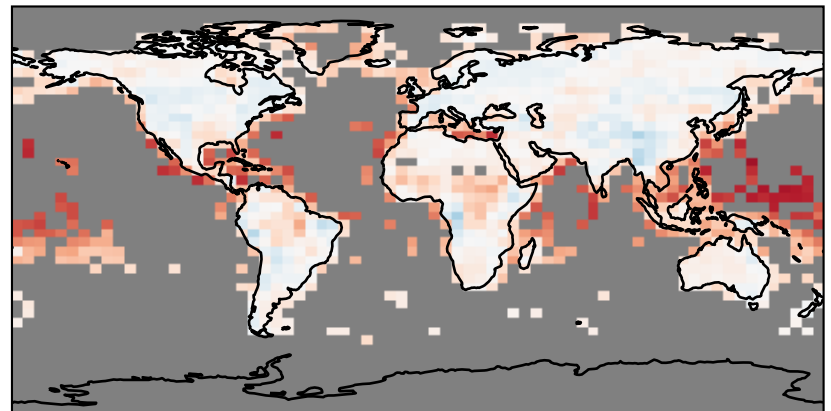
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

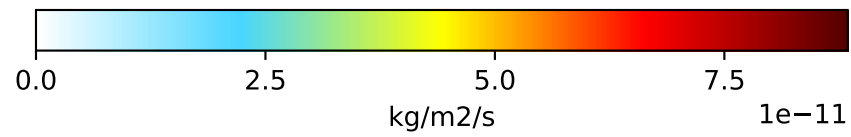
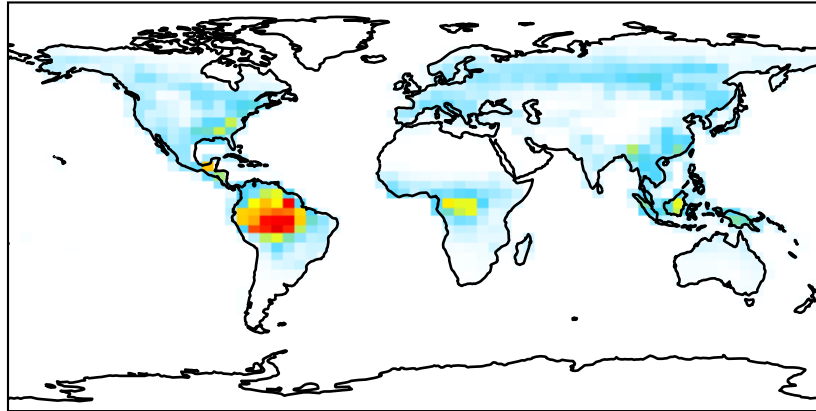


Ratio
Dev/Ref, Fixed Range

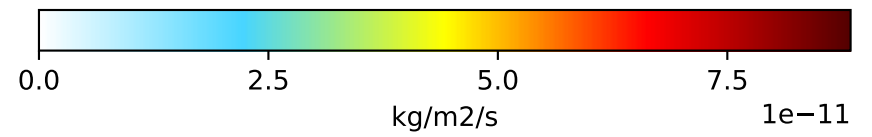
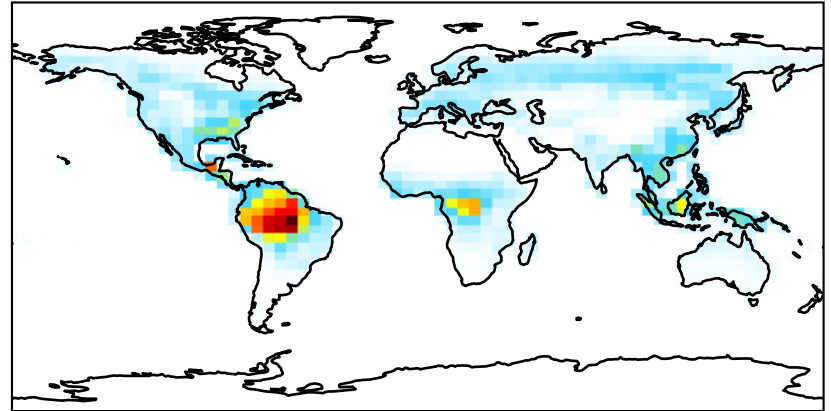


EmisMTPO_Biogenic

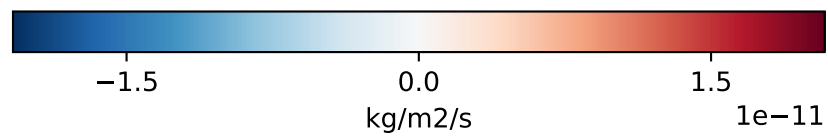
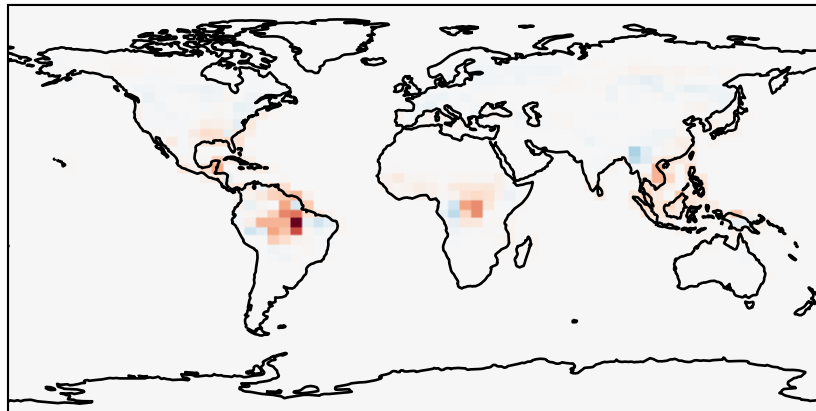
GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



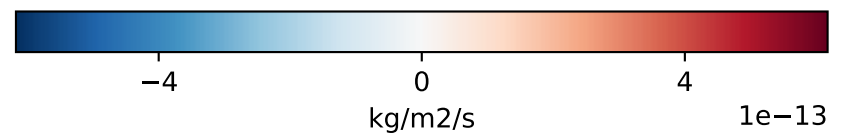
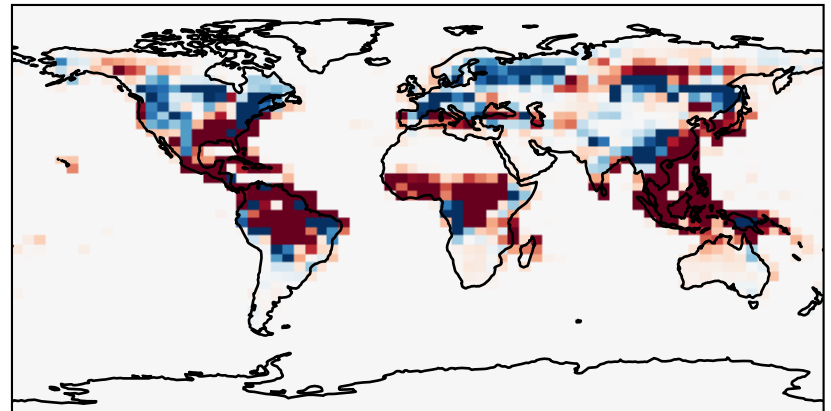
GCC_14.2.0_GEOS-FP (Dev)
4.0x5.0



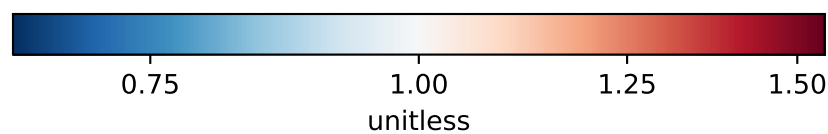
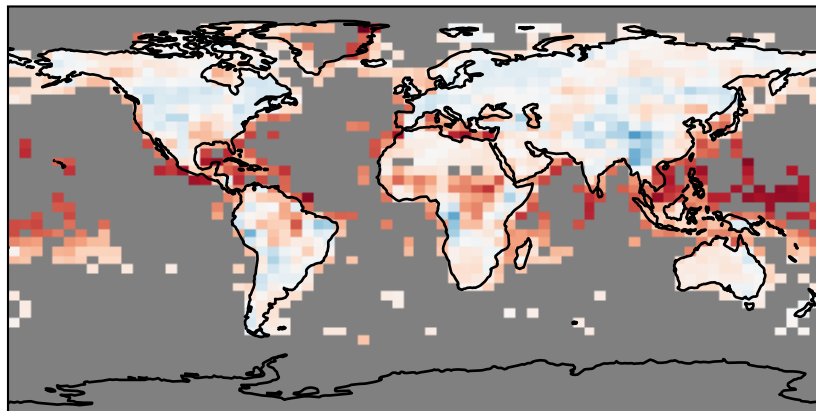
Difference
Dev - Ref, Dynamic Range



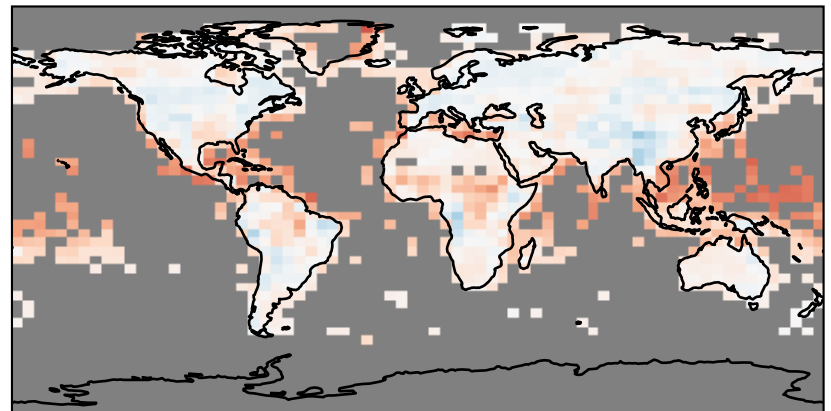
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

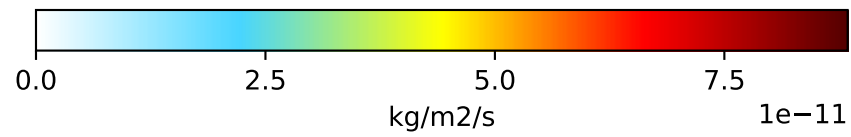
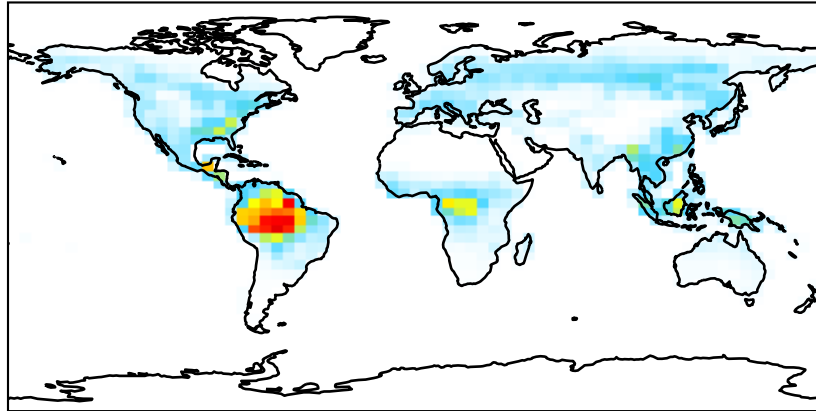


Ratio
Dev/Ref, Fixed Range

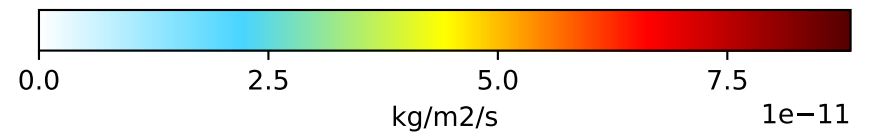
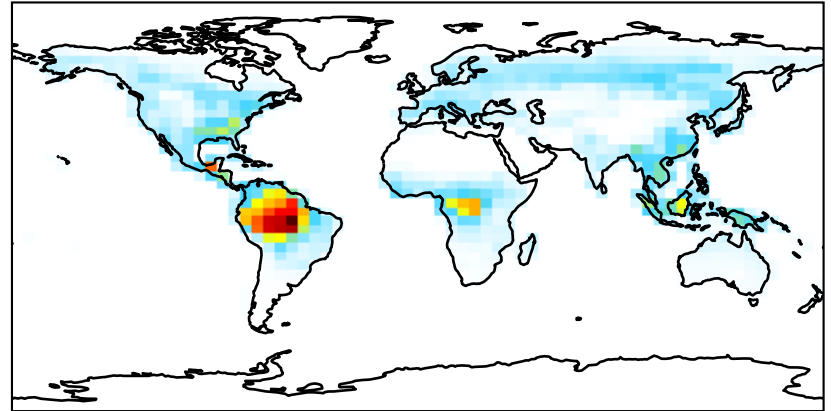


EmisMTPO_Total

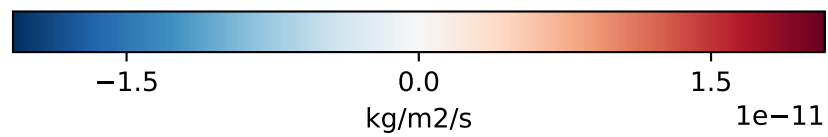
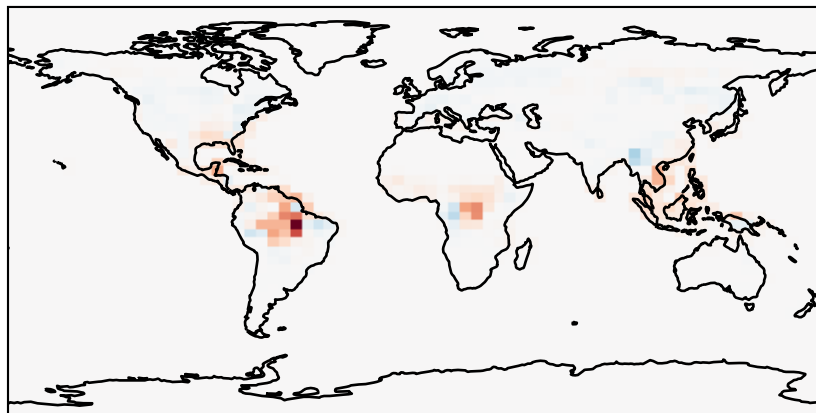
GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



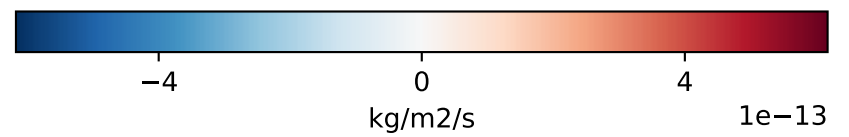
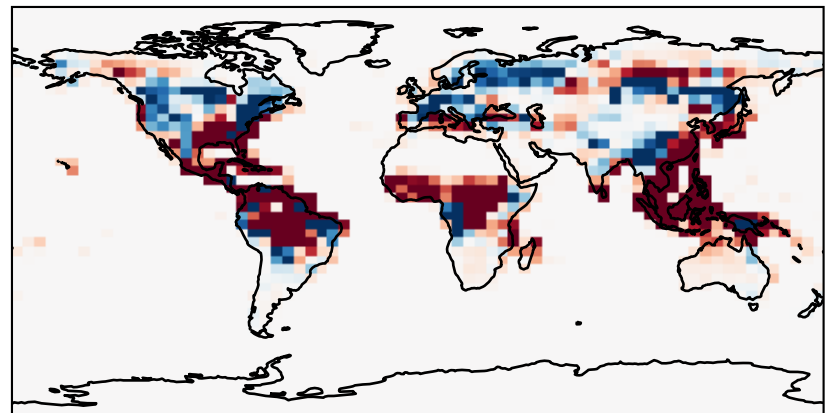
GCC_14.2.0_GEOS-FP (Dev)
4.0x5.0



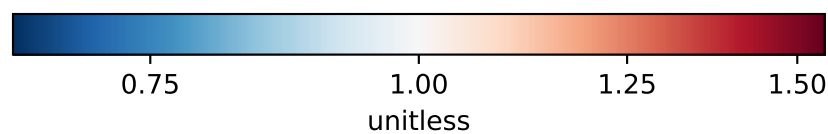
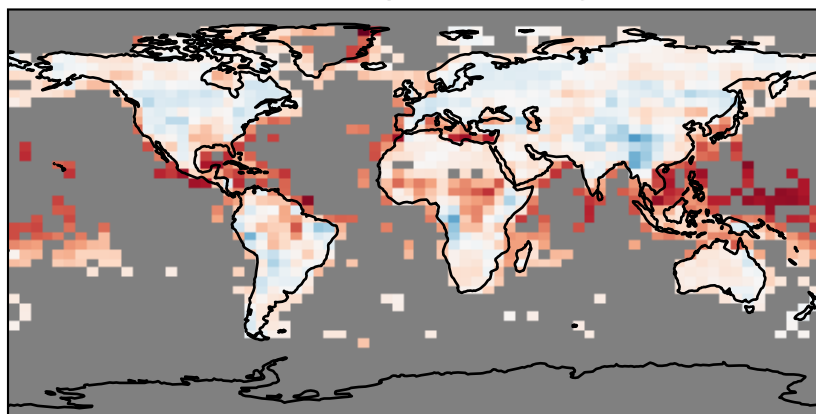
Difference
Dev - Ref, Dynamic Range



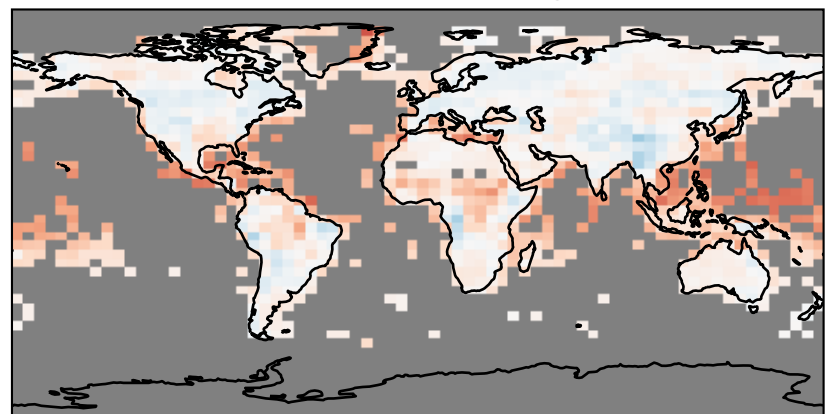
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

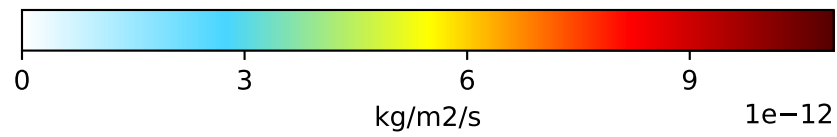
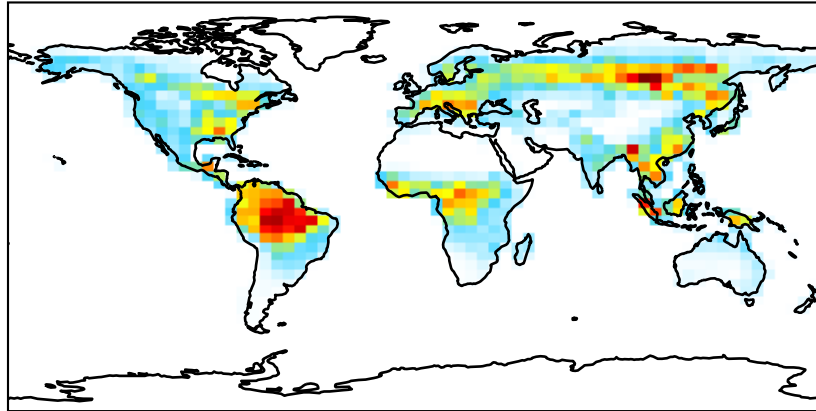


Ratio
Dev/Ref, Fixed Range

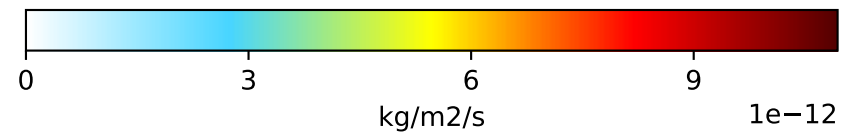
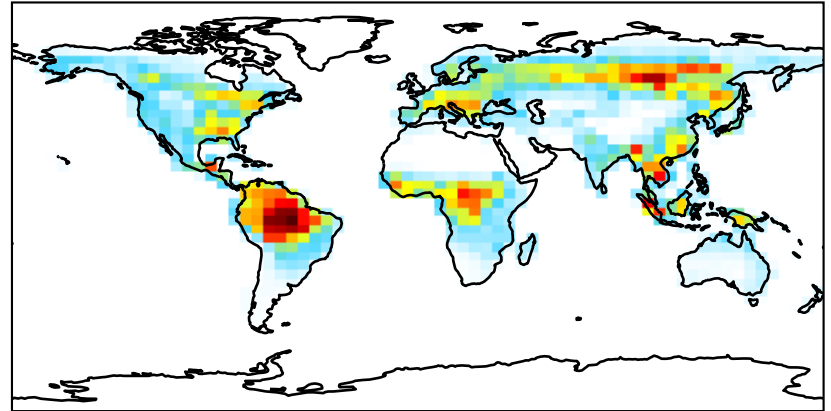


EmisLIMO_Biogenic

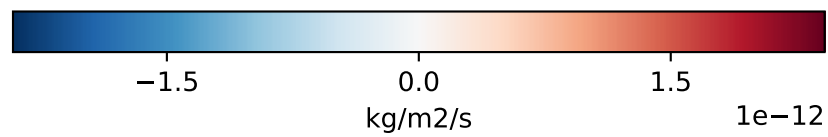
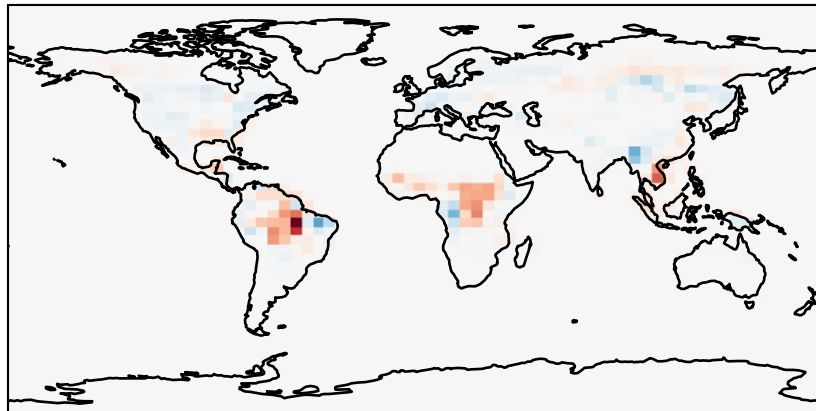
GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



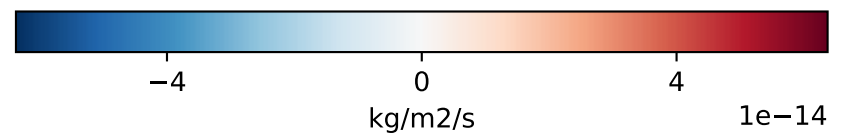
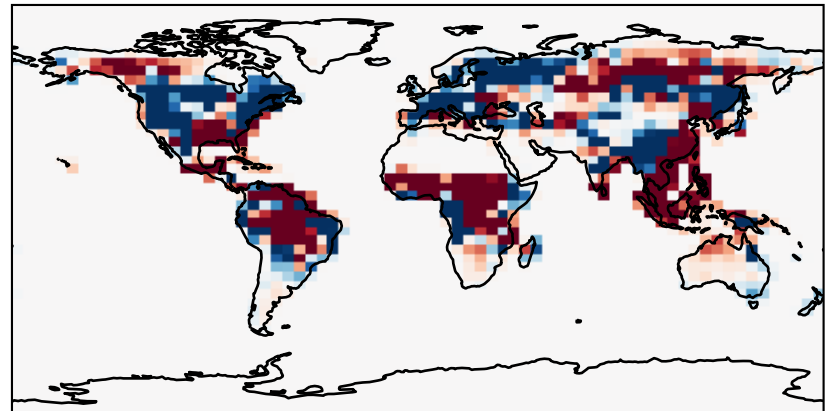
GCC_14.2.0_GEOS-FP (Dev)
4.0x5.0



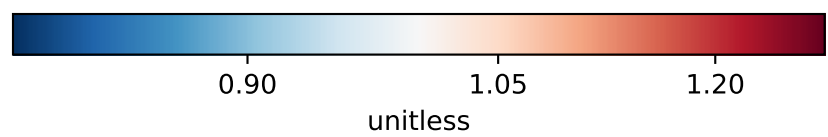
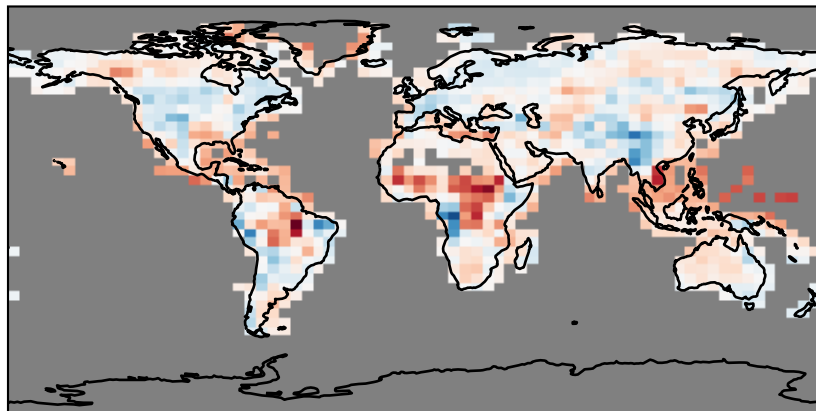
Difference
Dev - Ref, Dynamic Range



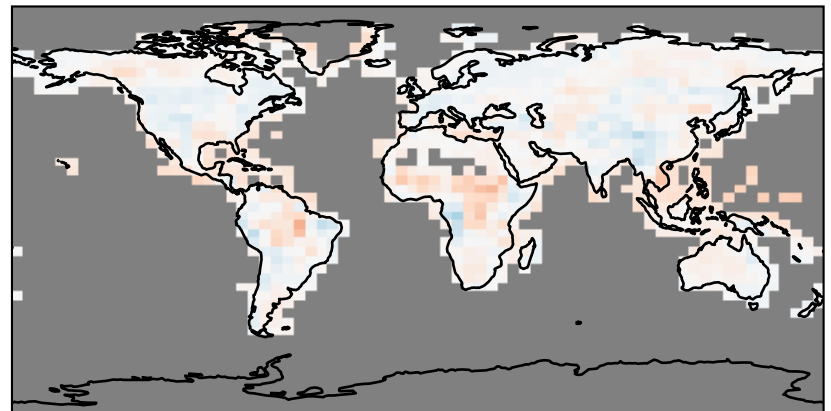
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

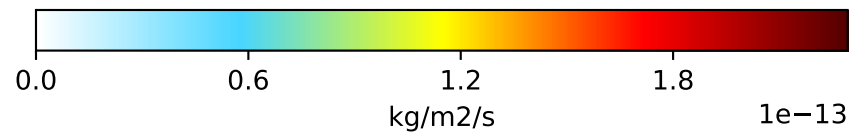
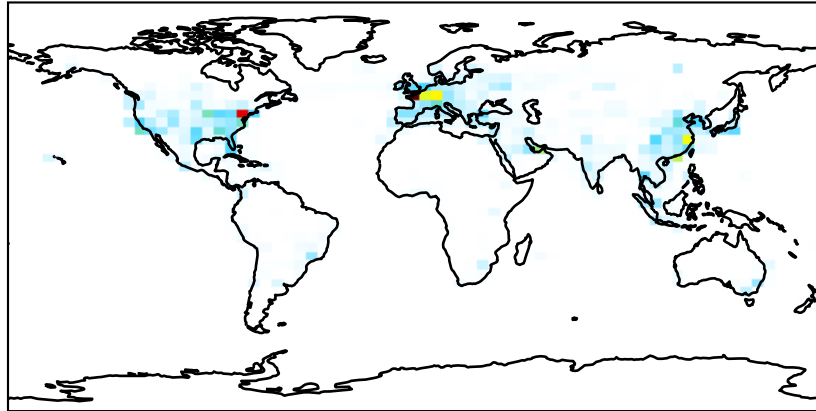


Ratio
Dev/Ref, Fixed Range

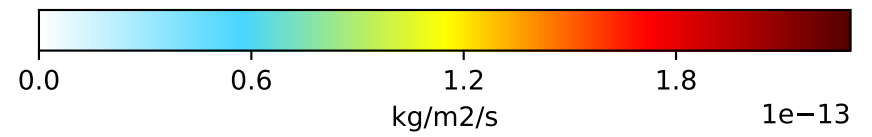
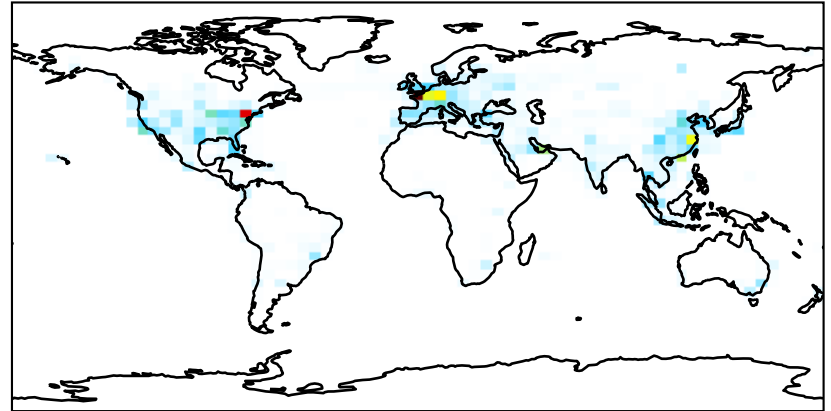


EmisALK4_Aircraft

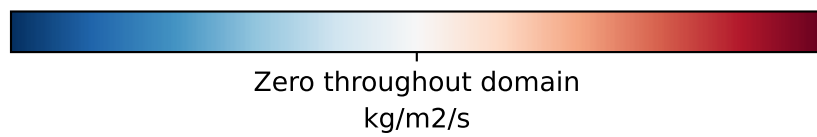
GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



GCC_14.2.0_GEOS-FP (Dev)
4.0x5.0



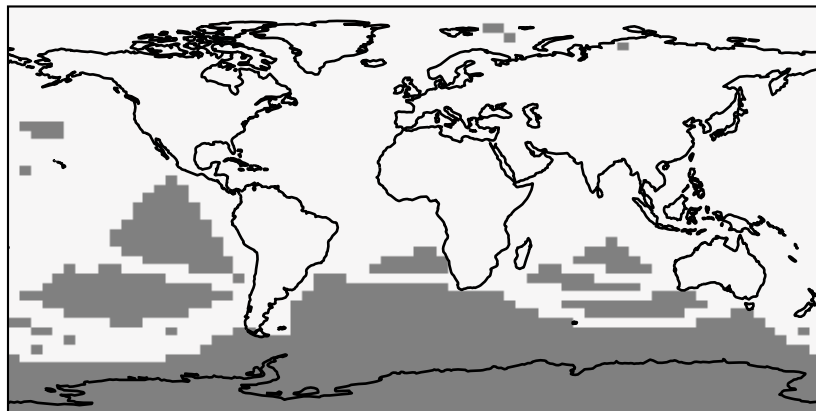
Difference
Dev - Ref, Dynamic Range



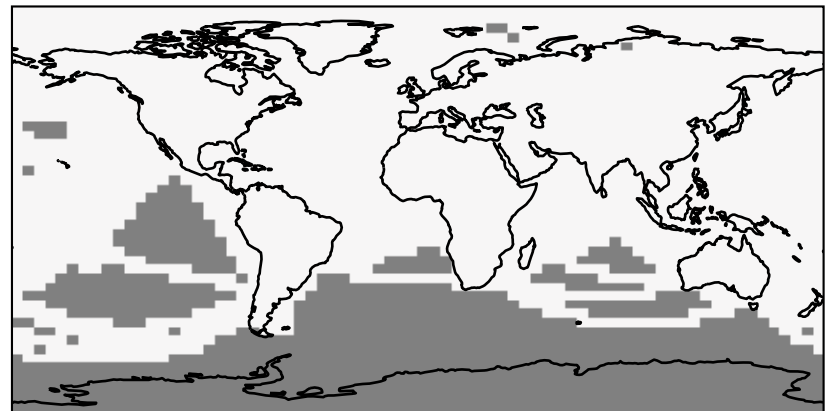
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

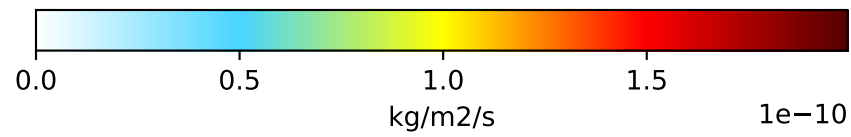
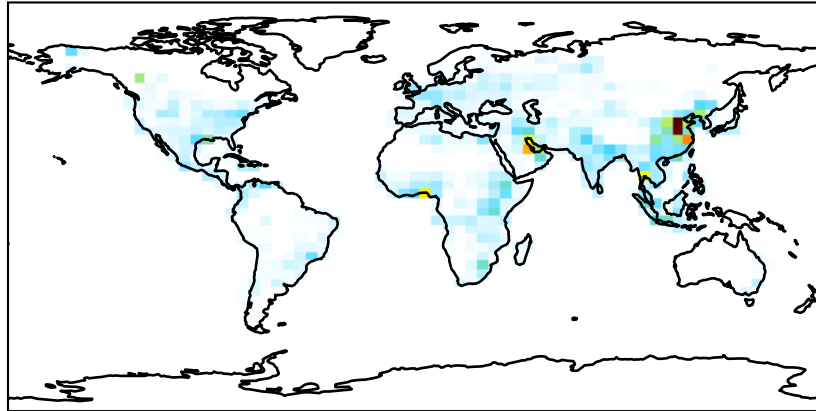


Ratio
Dev/Ref, Fixed Range

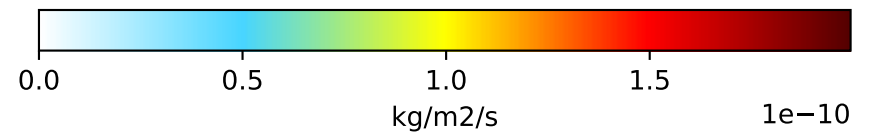
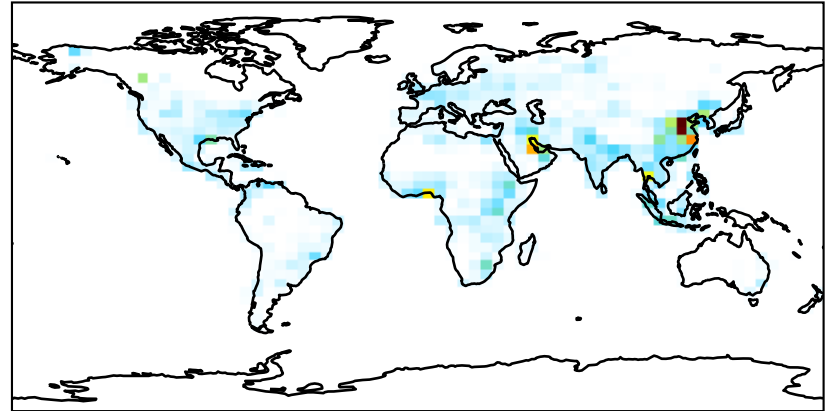


EmisALK4_Anthro

GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



GCC_14.2.0_GEOS-FP (Dev)
4.0x5.0



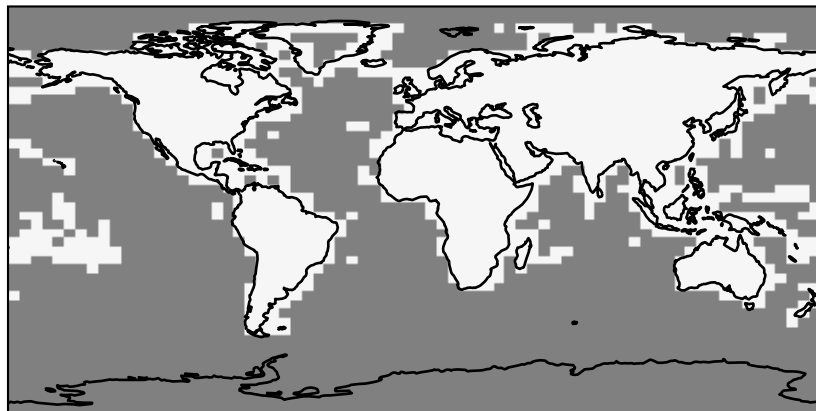
Difference
Dev - Ref, Dynamic Range



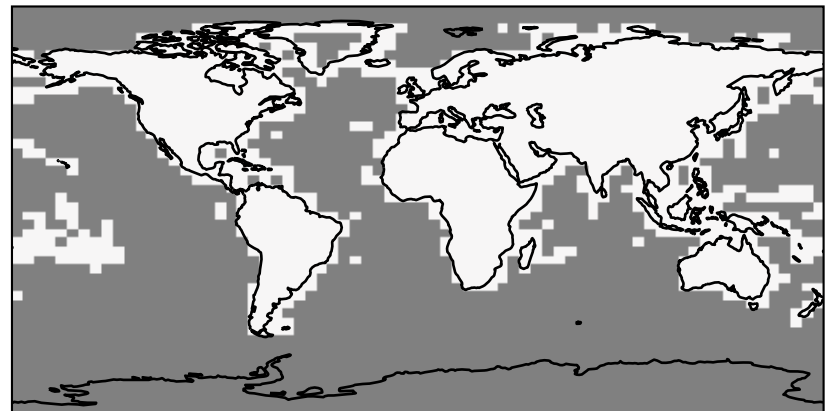
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

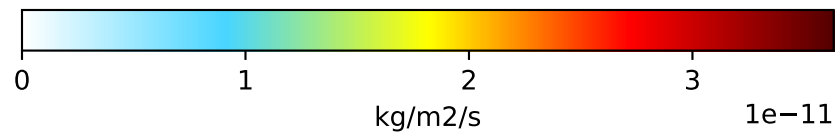
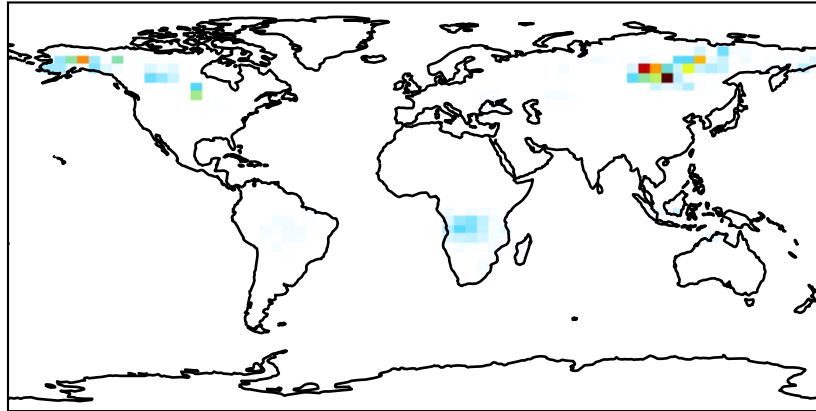


Ratio
Dev/Ref, Fixed Range

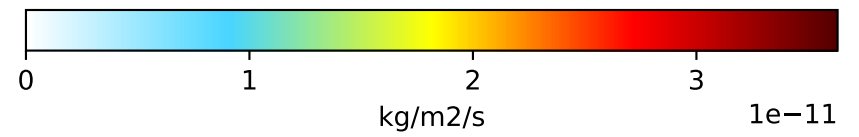
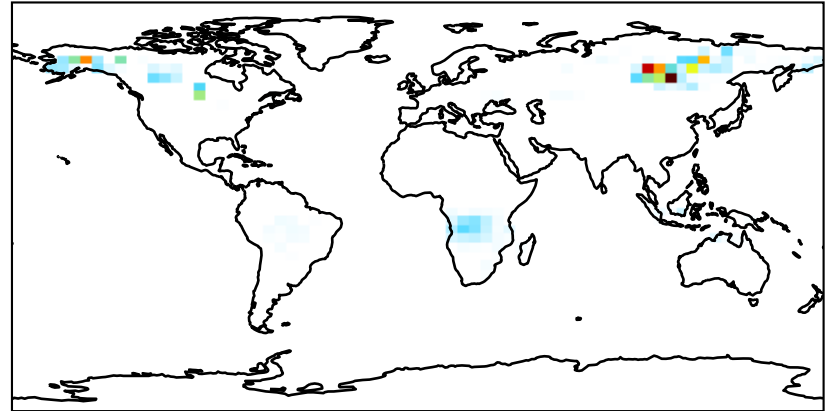


EmisALK4_BioBurn

GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



GCC_14.2.0_GEOS-FP (Dev)
4.0x5.0



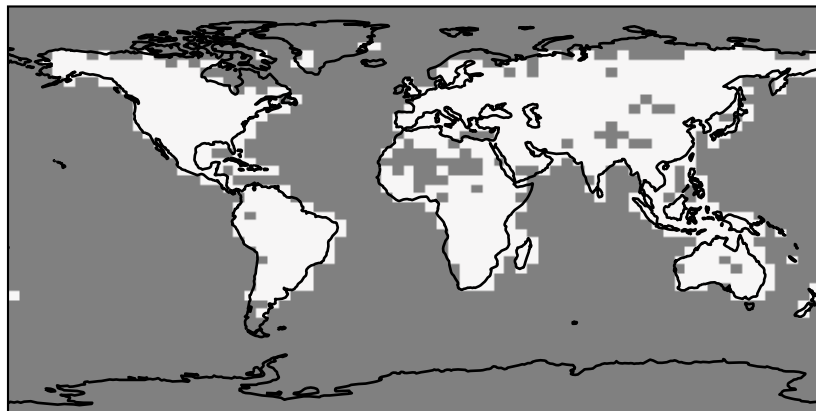
Difference
Dev - Ref, Dynamic Range



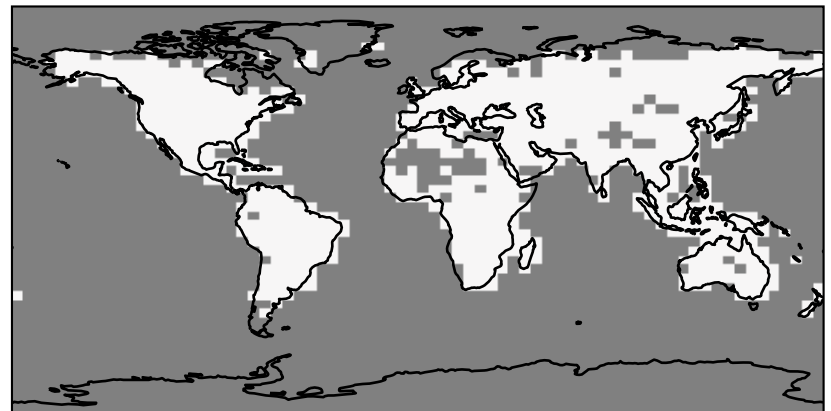
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

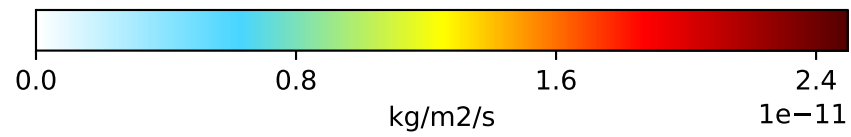


Ratio
Dev/Ref, Fixed Range

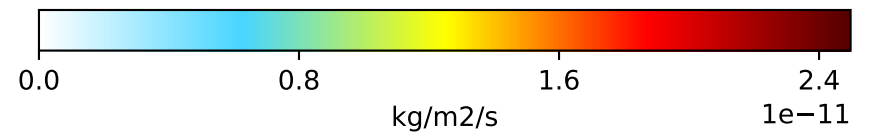


EmisALK4_Ship

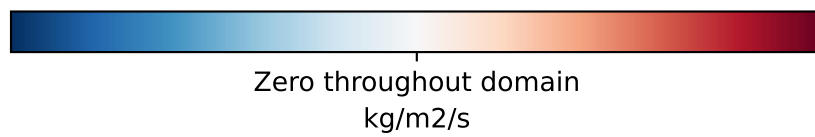
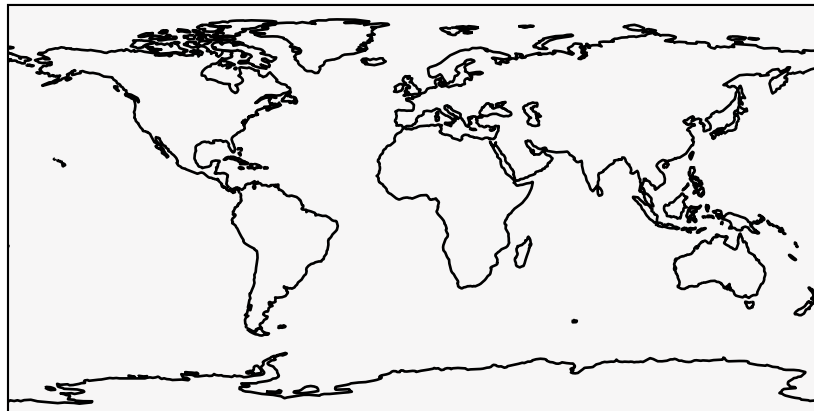
GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



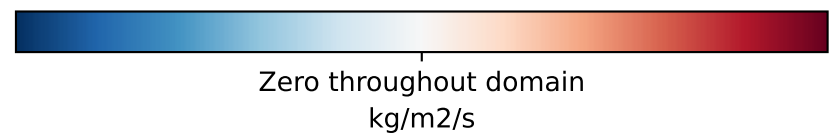
GCC_14.2.0_GEOS-FP (Dev)
4.0x5.0



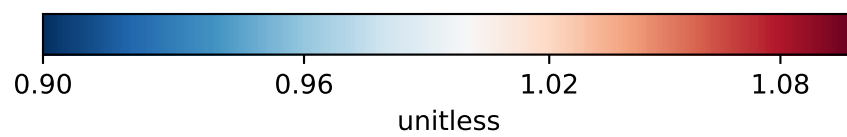
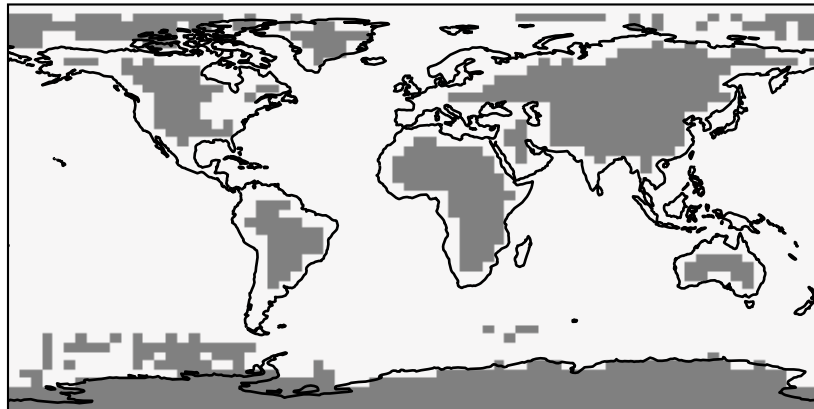
Difference
Dev - Ref, Dynamic Range



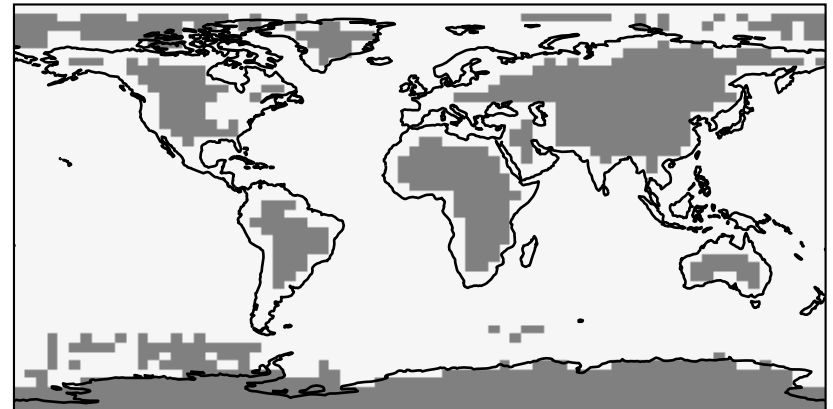
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

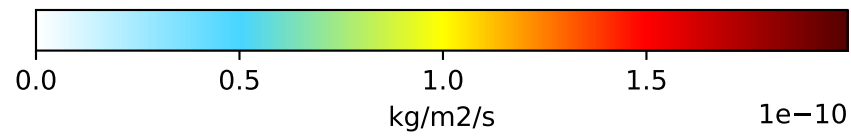
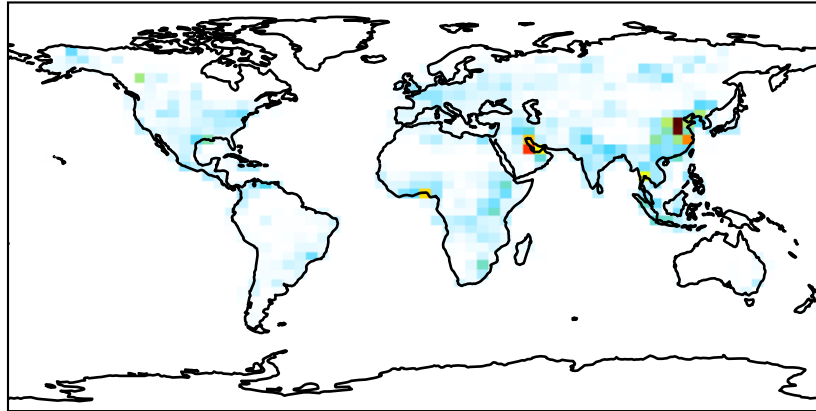


Ratio
Dev/Ref, Fixed Range

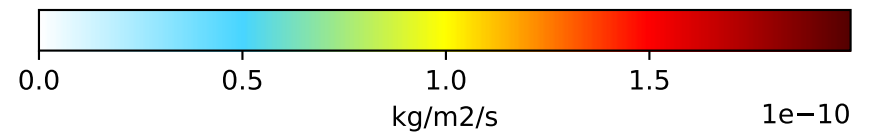
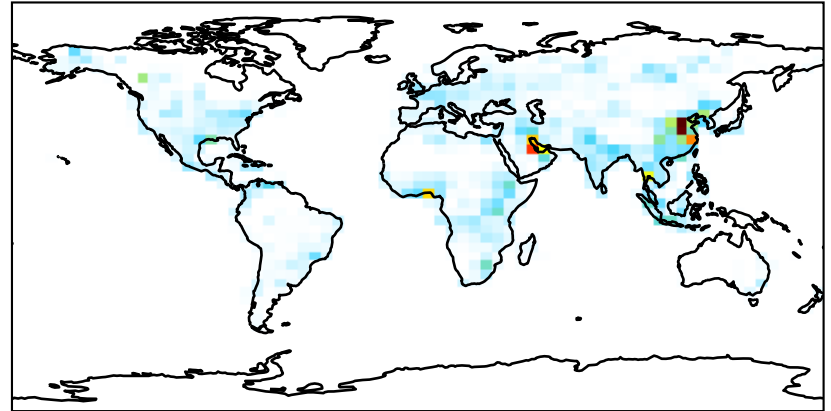


EmisALK4_Total

GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



GCC_14.2.0_GEOS-FP (Dev)
4.0x5.0



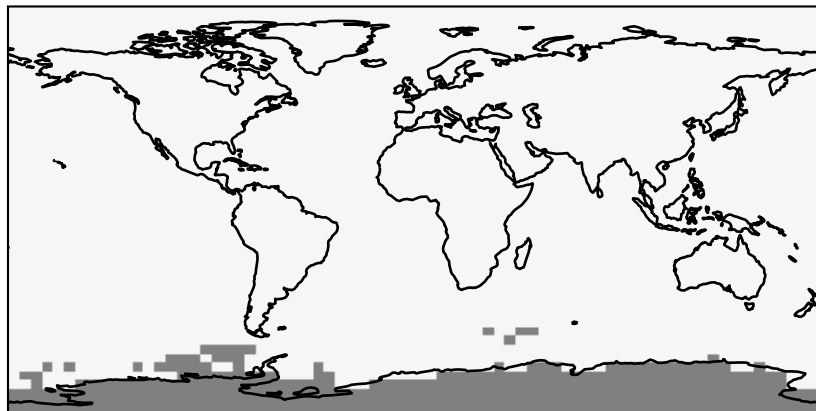
Difference
Dev - Ref, Dynamic Range



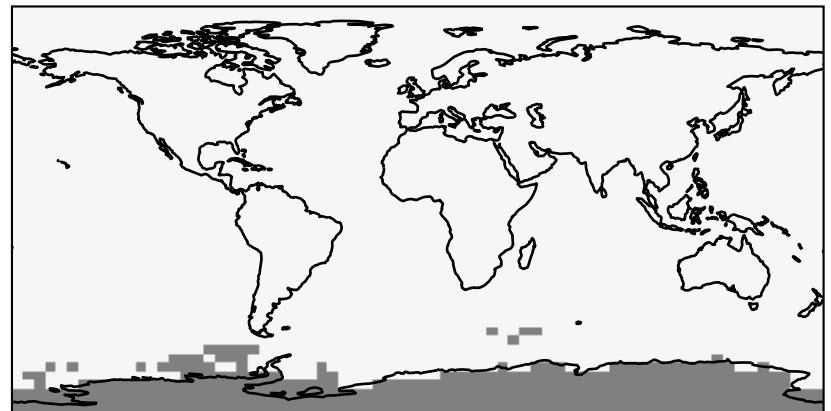
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

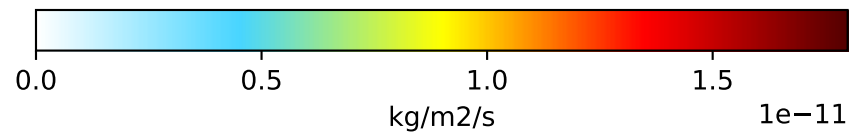
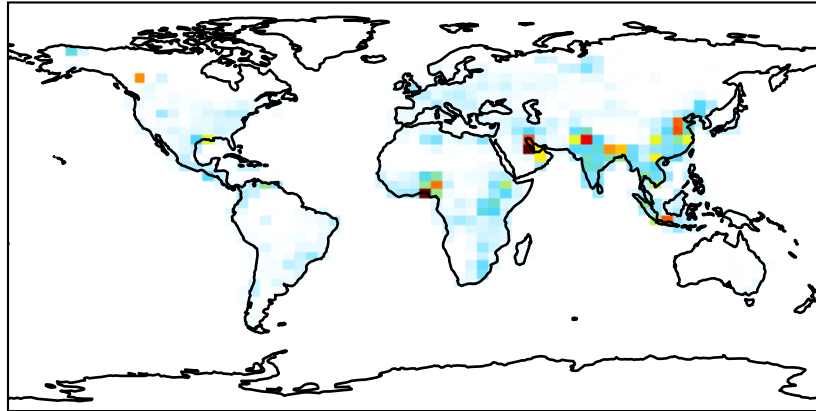


Ratio
Dev/Ref, Fixed Range

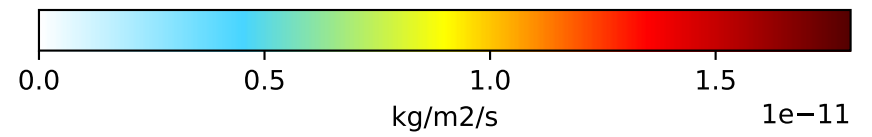
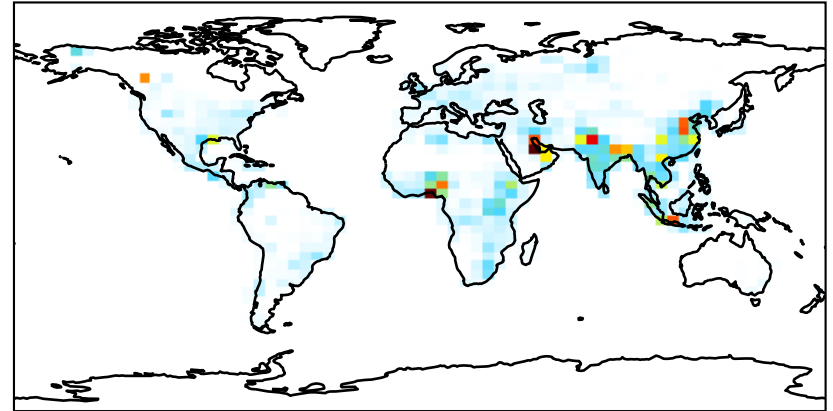


EmisBENZ_Anthro

GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



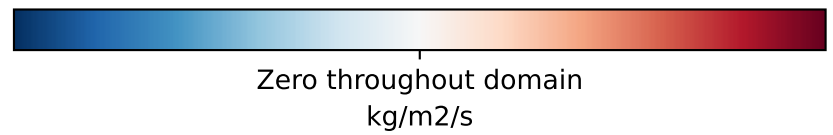
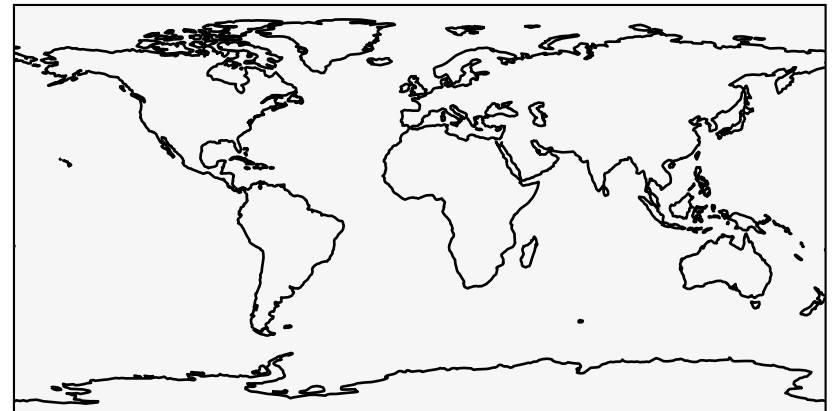
GCC_14.2.0_GEOS-FP (Dev)
4.0x5.0



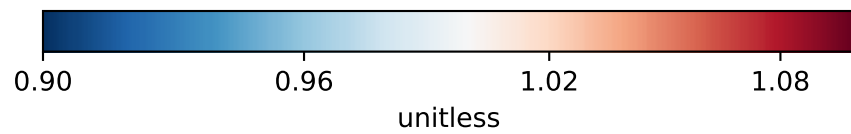
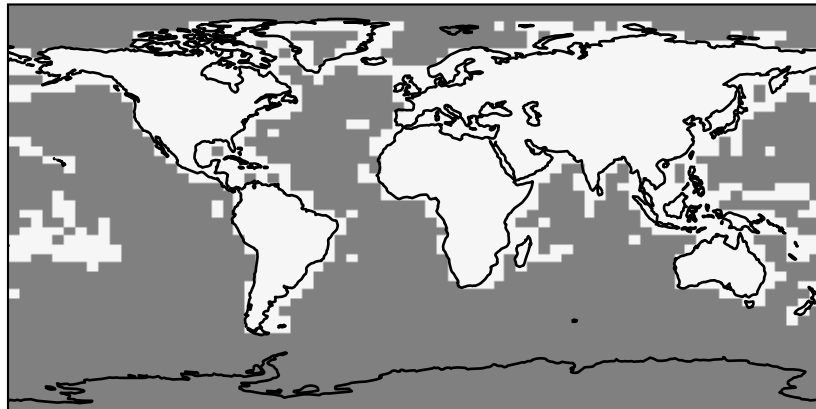
Difference
Dev - Ref, Dynamic Range



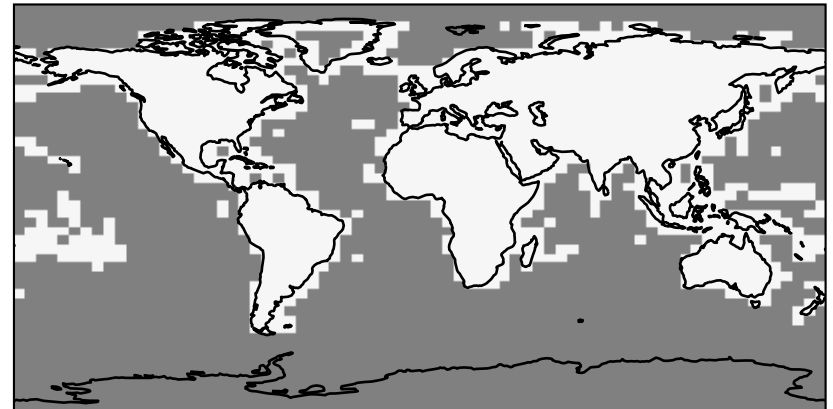
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

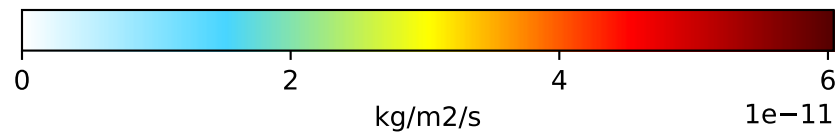
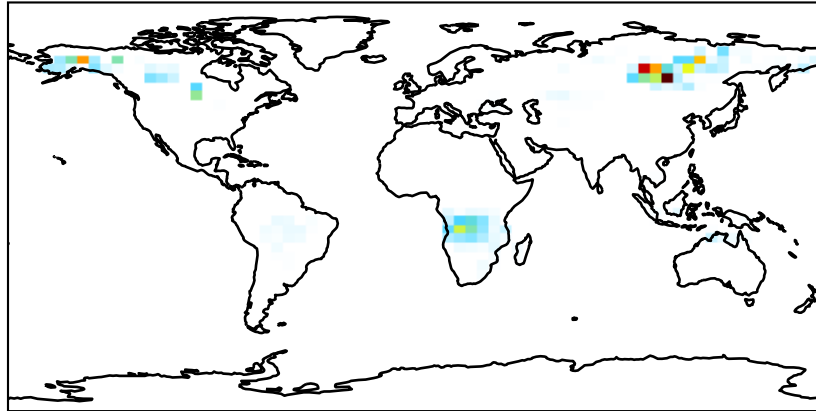


Ratio
Dev/Ref, Fixed Range

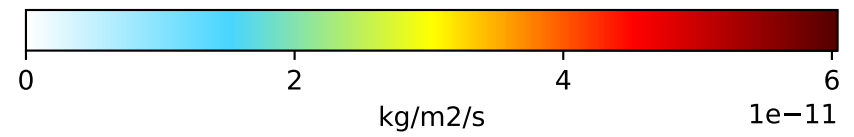
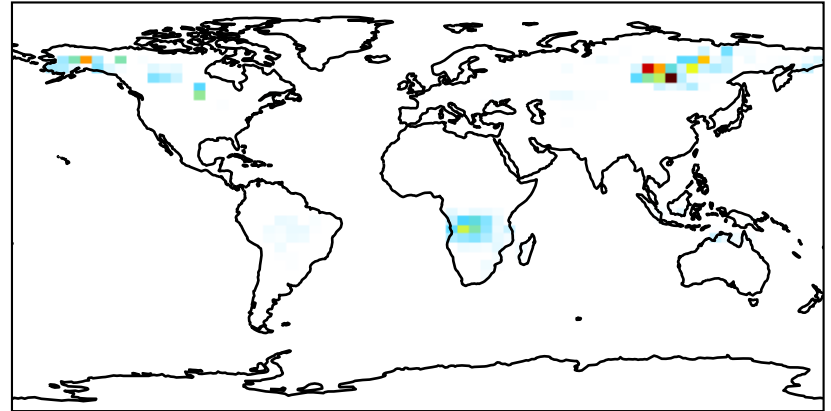


EmisBENZ_BioBurn

GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



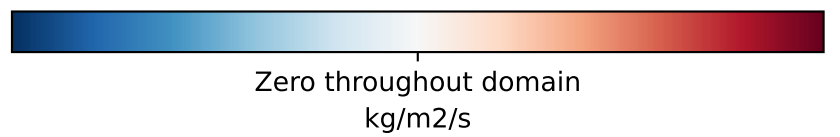
GCC_14.2.0_GEOS-FP (Dev)
4.0x5.0



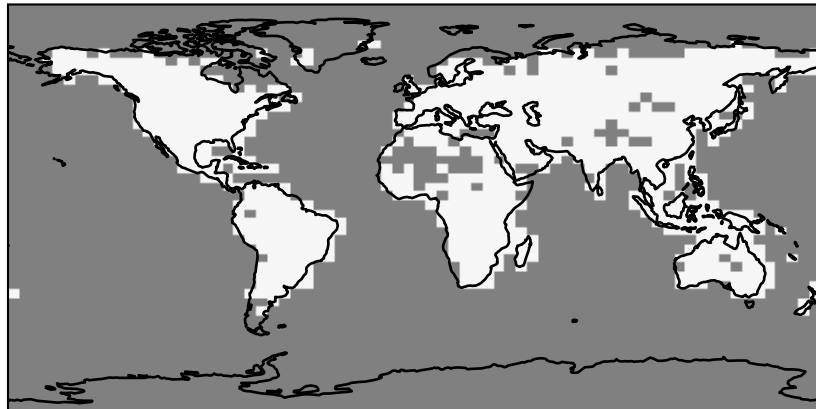
Difference
Dev - Ref, Dynamic Range



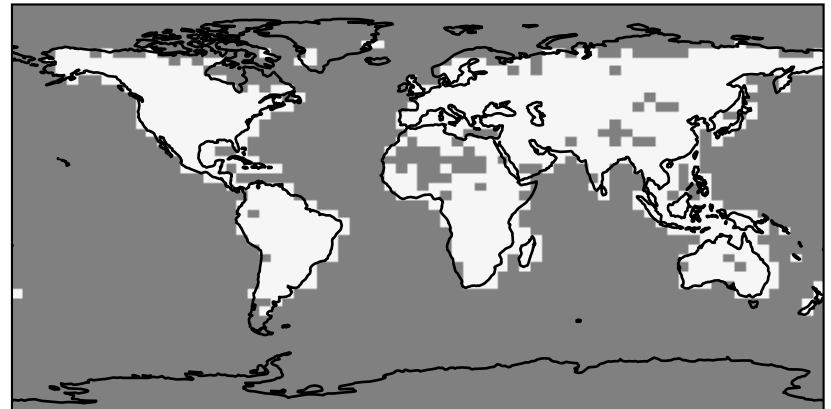
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

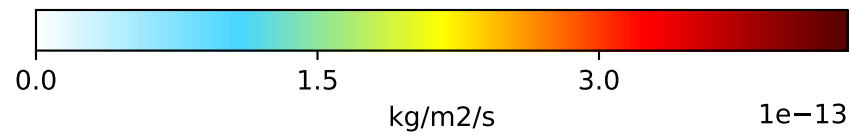
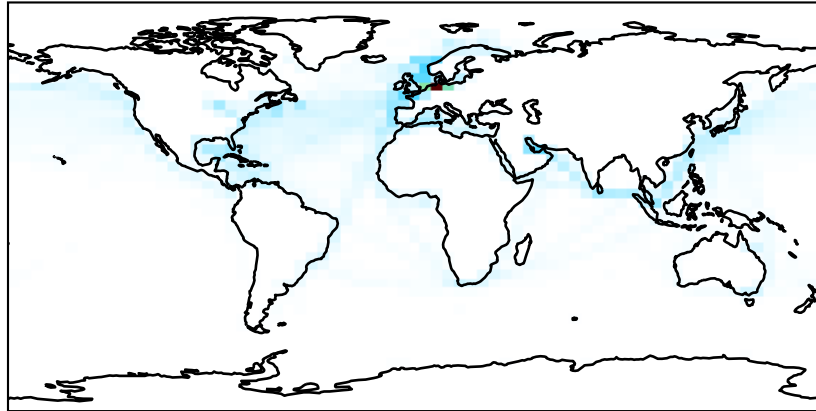


Ratio
Dev/Ref, Fixed Range

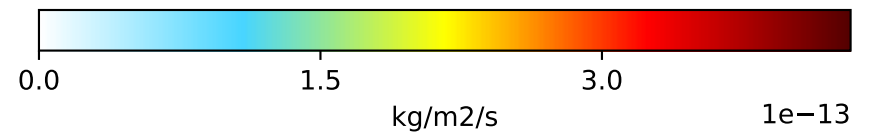
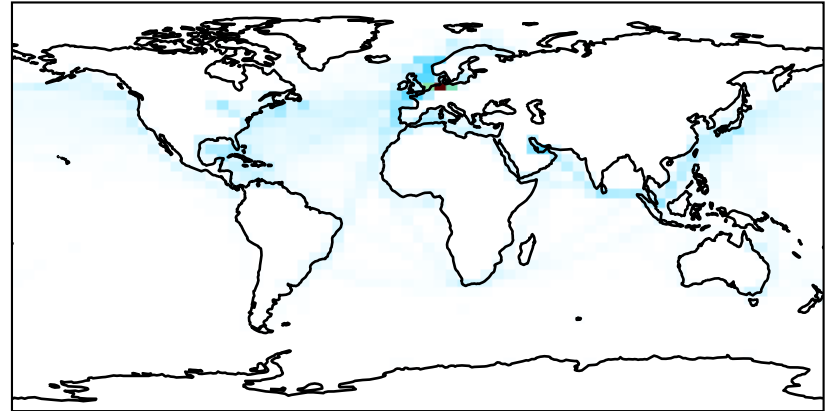


EmisBENZ_Ship

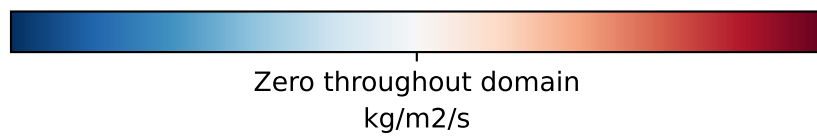
GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



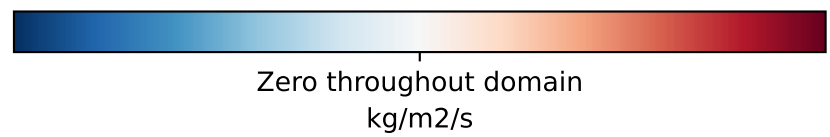
GCC_14.2.0_GEOS-FP (Dev)
4.0x5.0



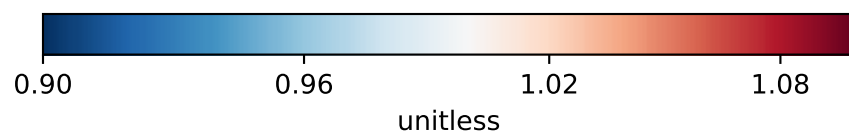
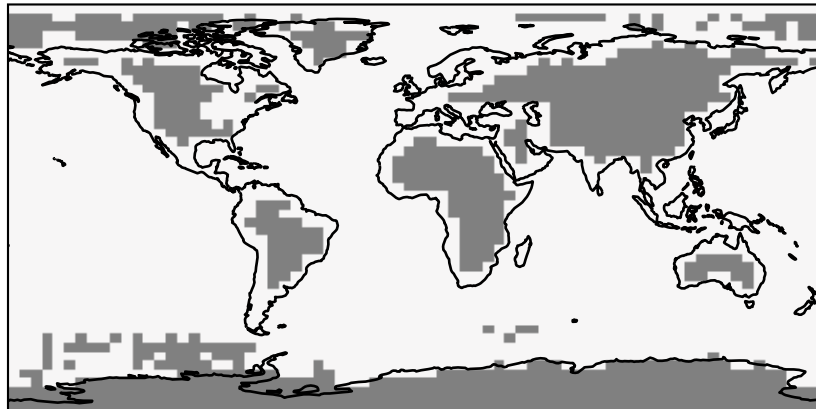
Difference
Dev - Ref, Dynamic Range



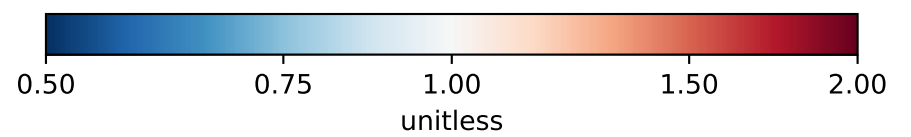
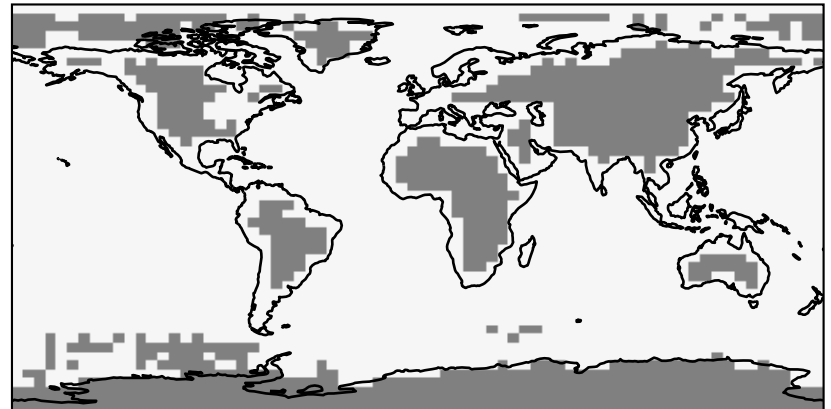
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

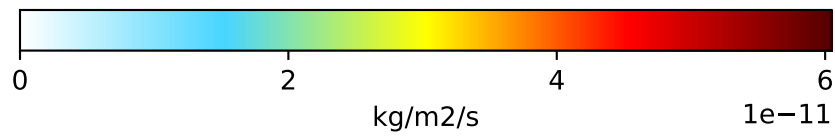
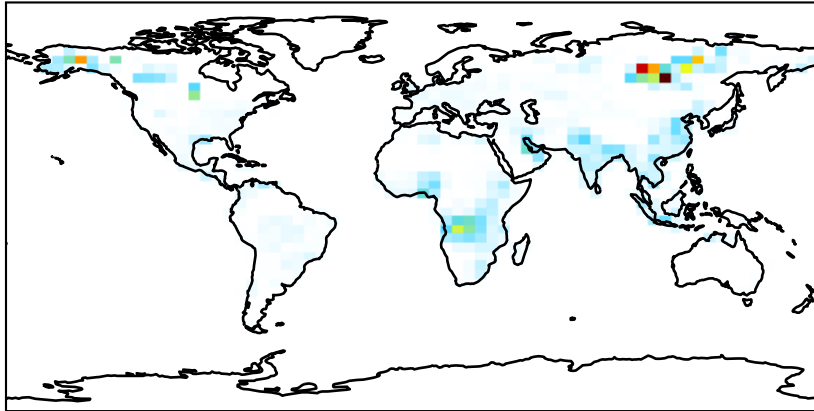


Ratio
Dev/Ref, Fixed Range

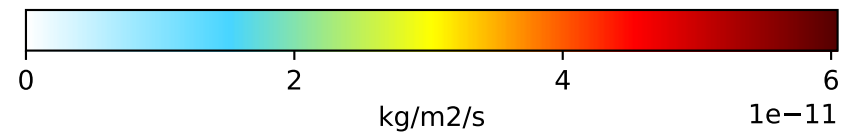
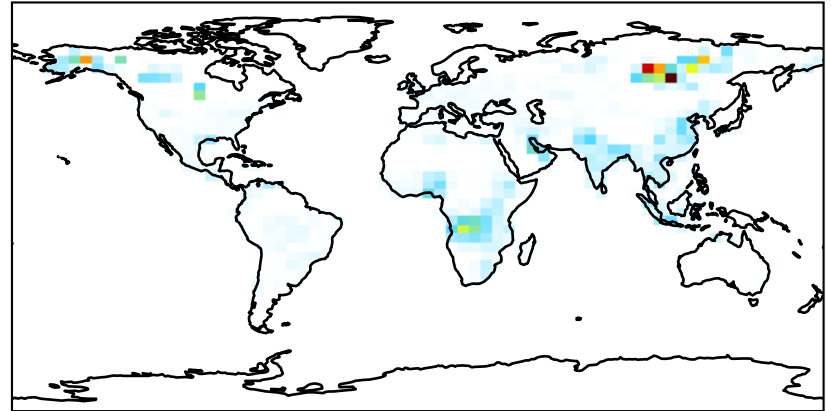


EmisBENZ_Total

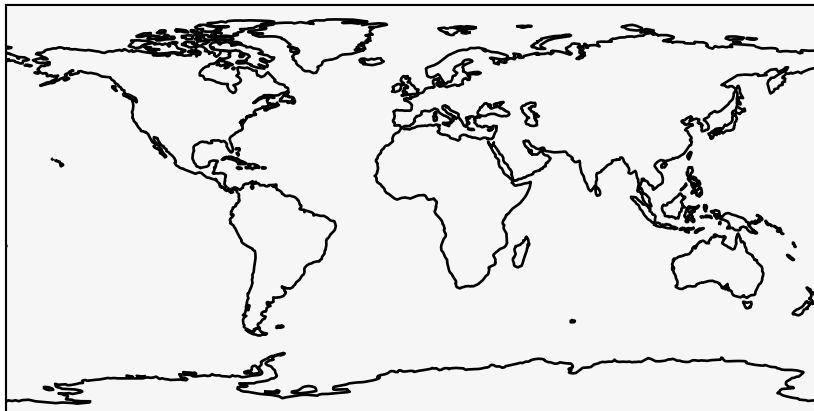
GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



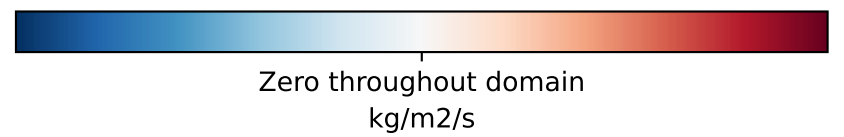
GCC_14.2.0_GEOS-FP (Dev)
4.0x5.0



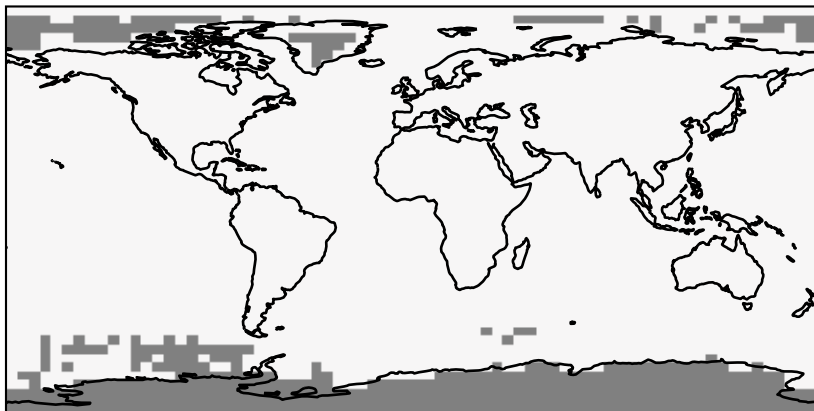
Difference
Dev - Ref, Dynamic Range



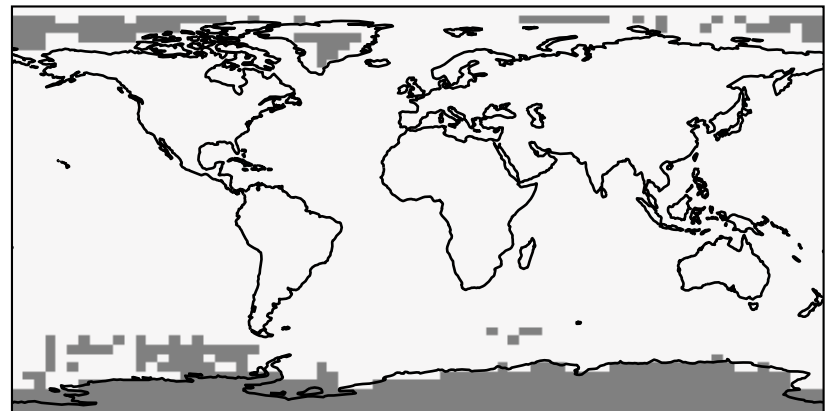
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

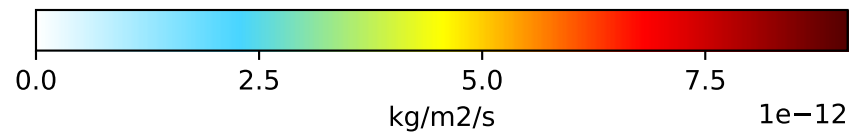
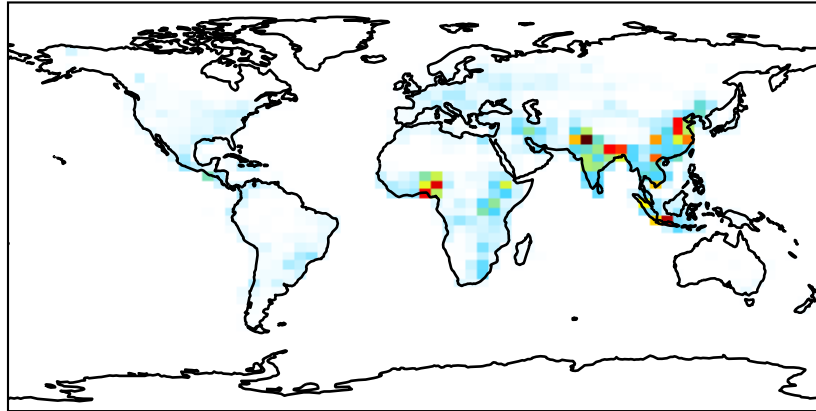


Ratio
Dev/Ref, Fixed Range

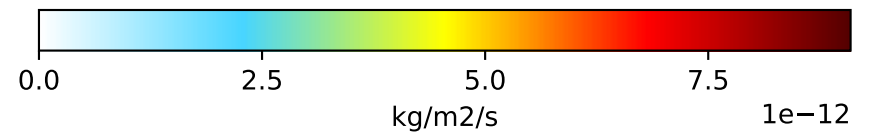
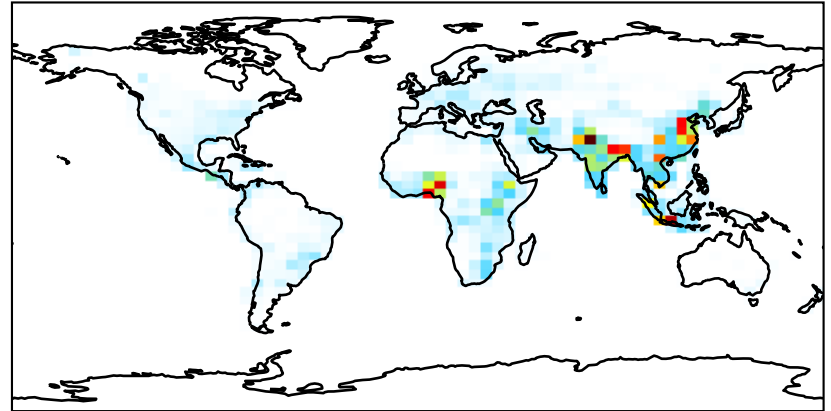


EmisC2H2_Anthro

GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



GCC_14.2.0_GEOS-FP (Dev)
4.0x5.0



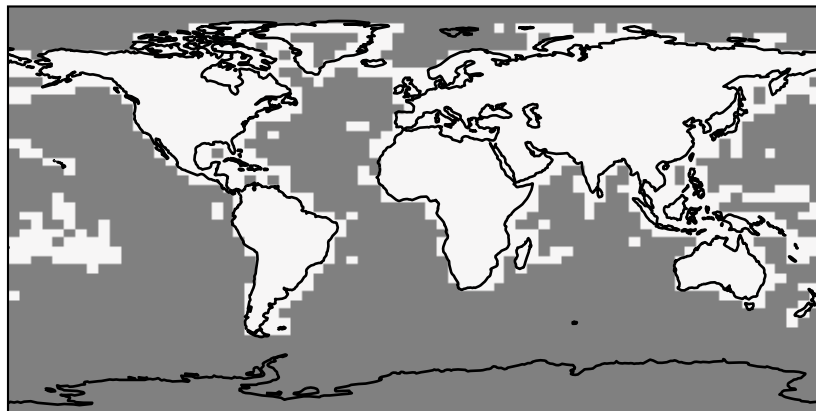
Difference
Dev - Ref, Dynamic Range



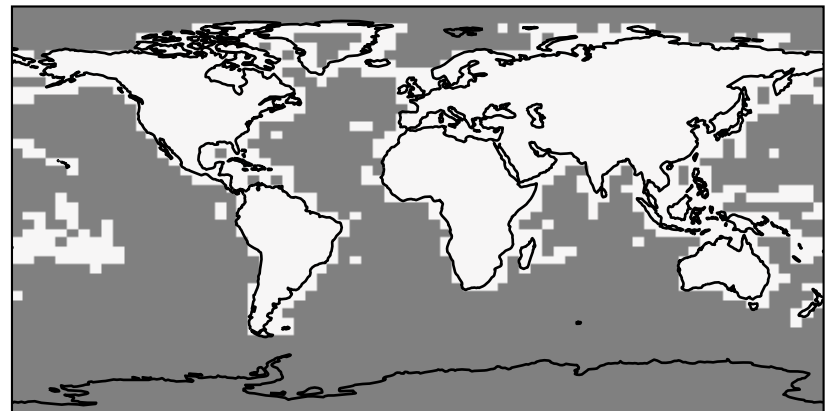
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

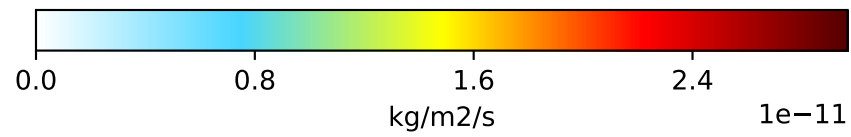
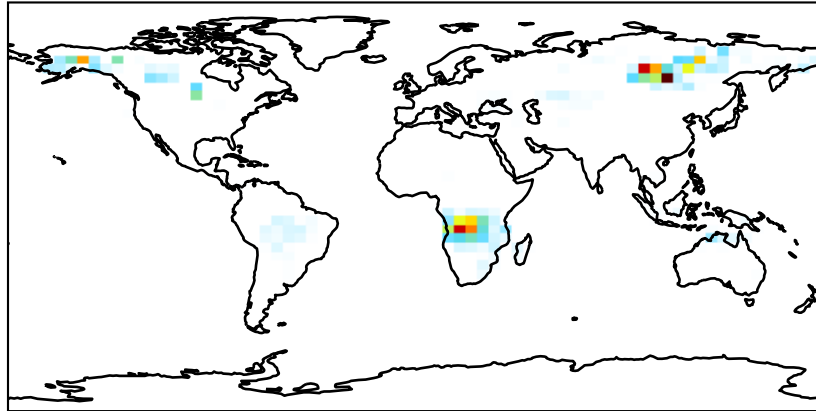


Ratio
Dev/Ref, Fixed Range

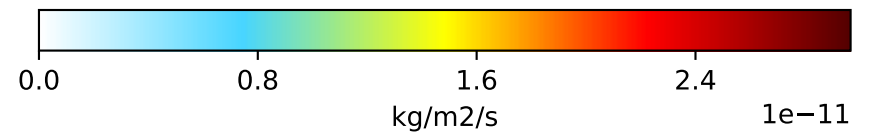
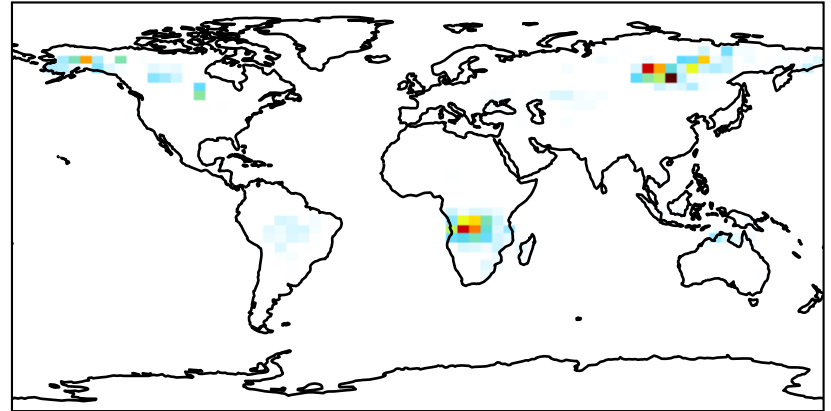


EmisC2H2_BioBurn

GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



GCC_14.2.0_GEOS-FP (Dev)
4.0x5.0



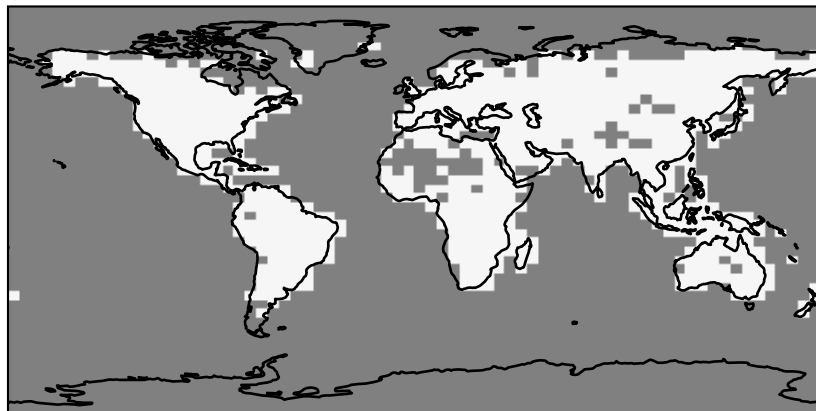
Difference
Dev - Ref, Dynamic Range



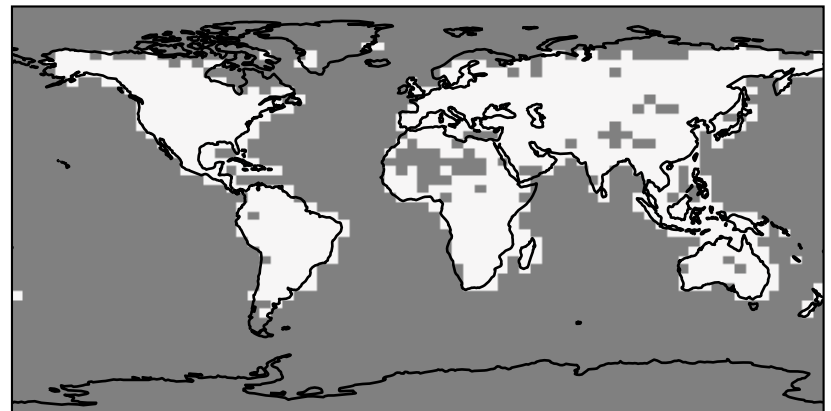
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

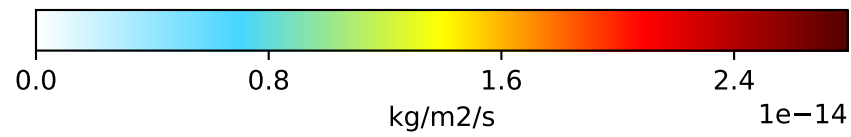
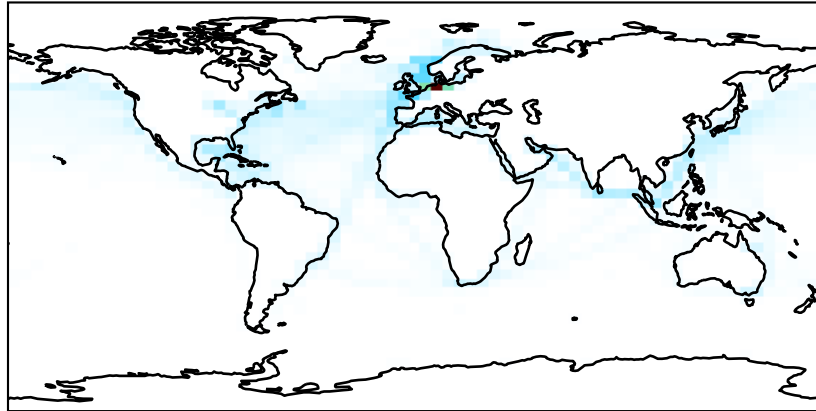


Ratio
Dev/Ref, Fixed Range

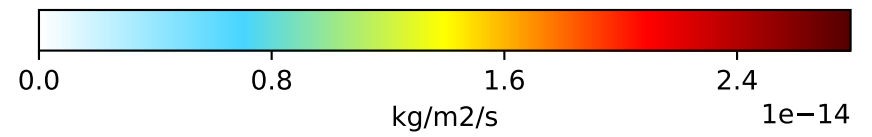
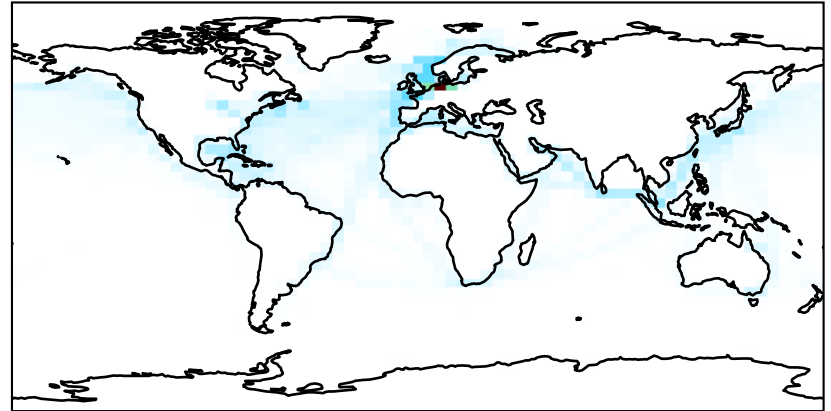


EmisC2H2_Ship

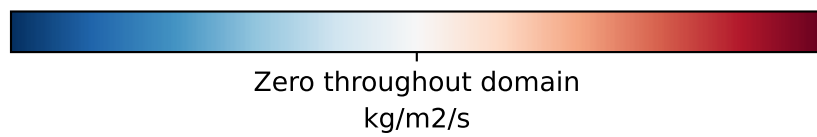
GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



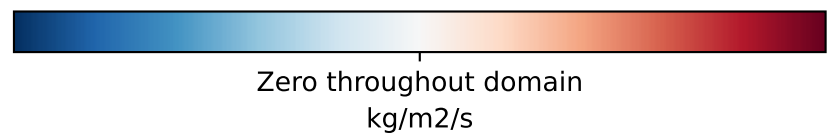
GCC_14.2.0_GEOS-FP (Dev)
4.0x5.0



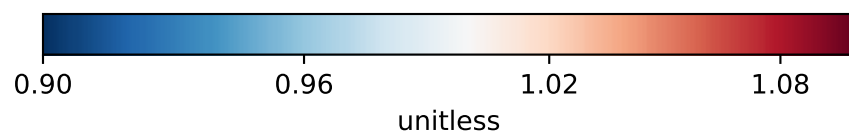
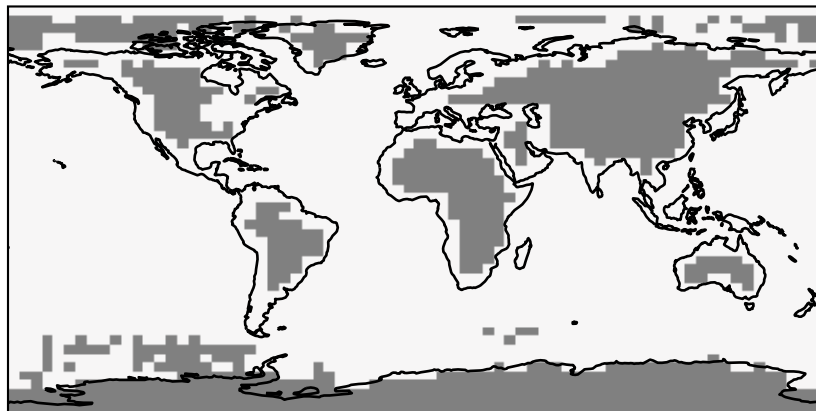
Difference
Dev - Ref, Dynamic Range



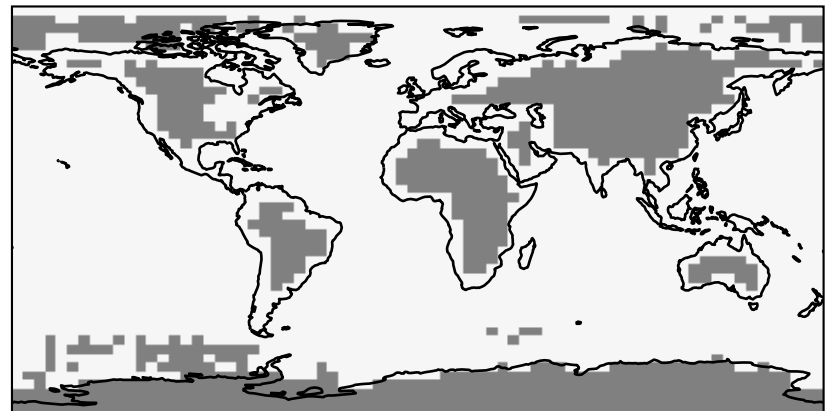
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

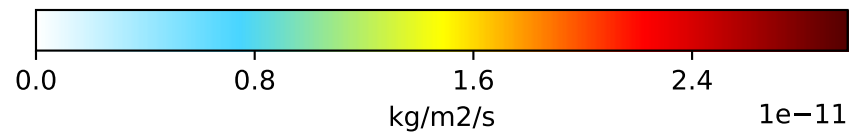
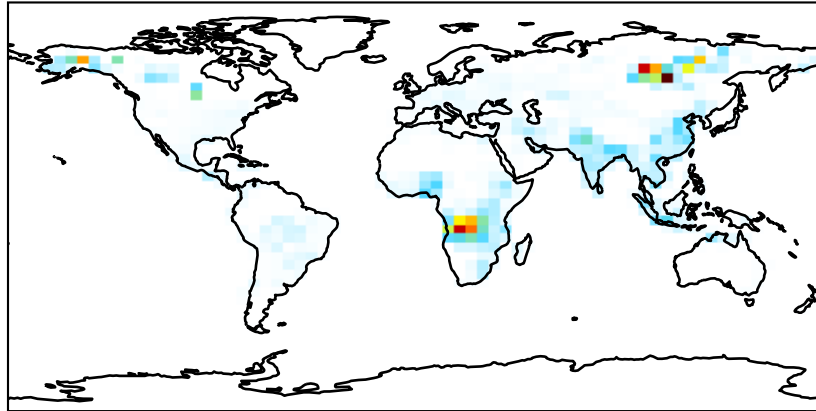


Ratio
Dev/Ref, Fixed Range

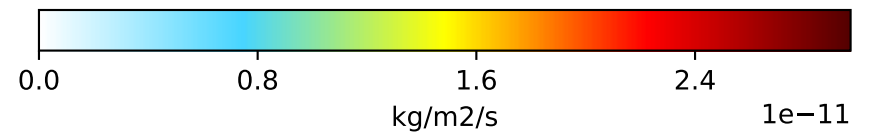
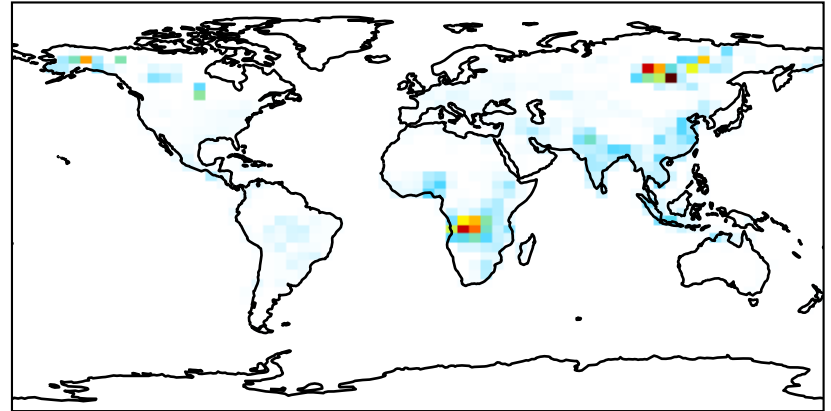


EmisC2H2_Total

GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



GCC_14.2.0_GEOS-FP (Dev)
4.0x5.0



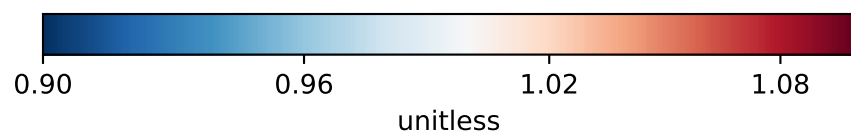
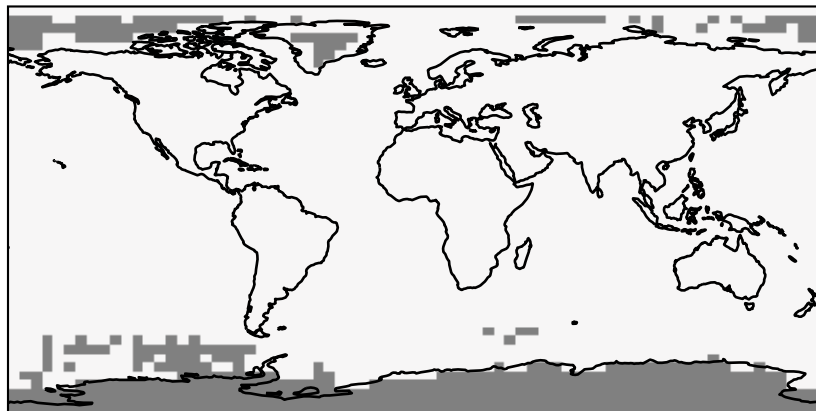
Difference
Dev - Ref, Dynamic Range



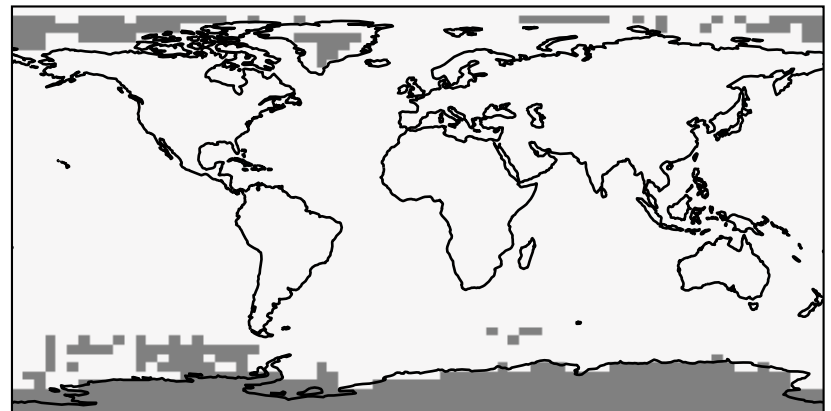
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

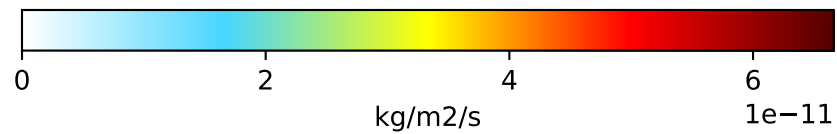
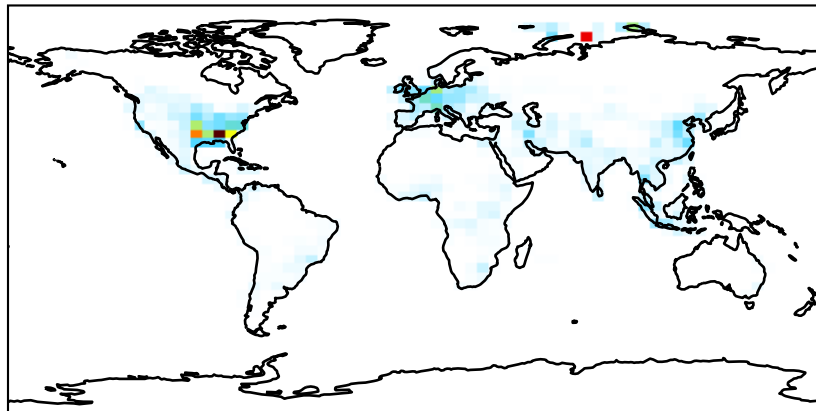


Ratio
Dev/Ref, Fixed Range

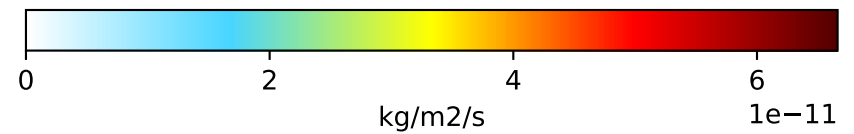
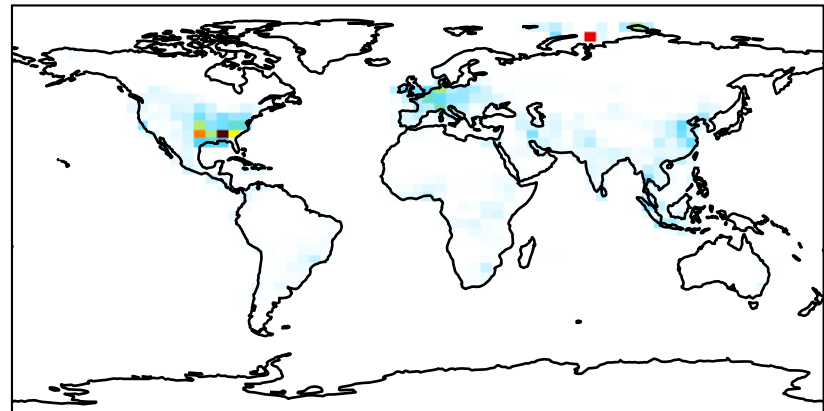


EmisC2H4_Anthro

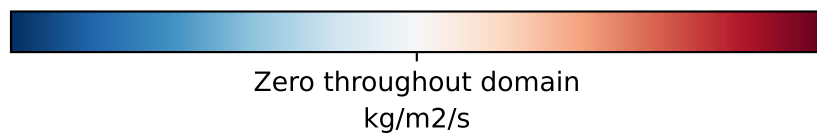
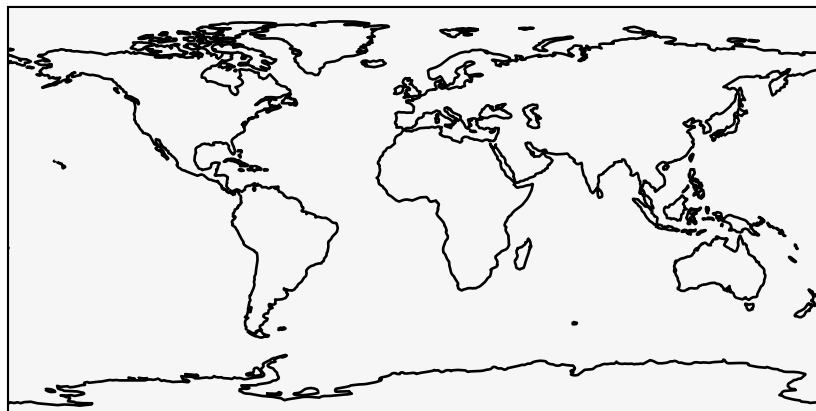
GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



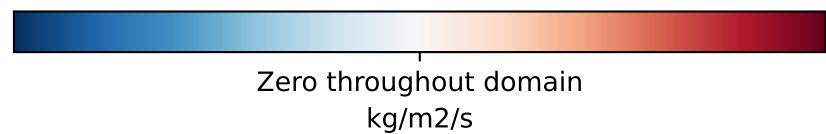
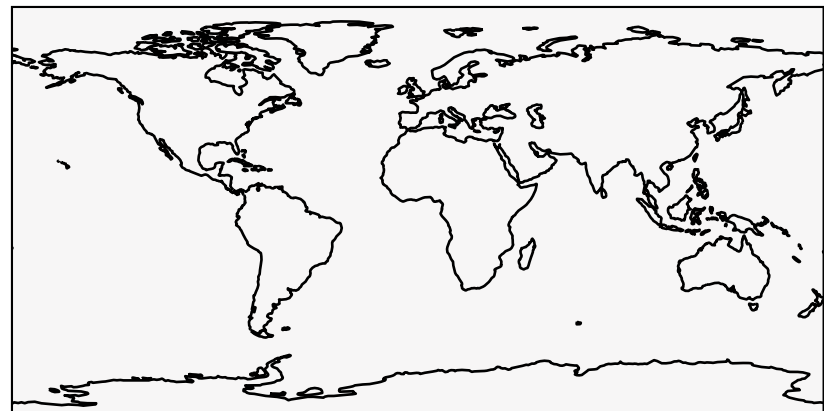
GCC_14.2.0_GEOS-FP (Dev)
4.0x5.0



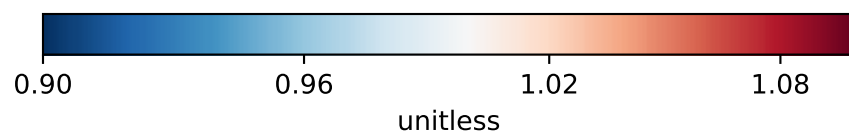
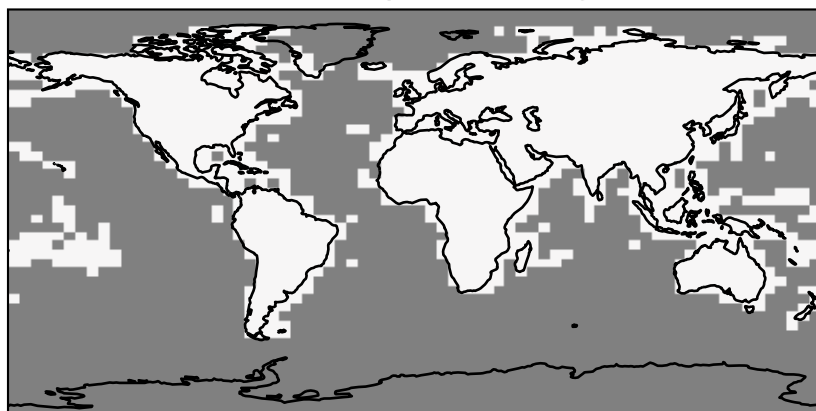
Difference
Dev - Ref, Dynamic Range



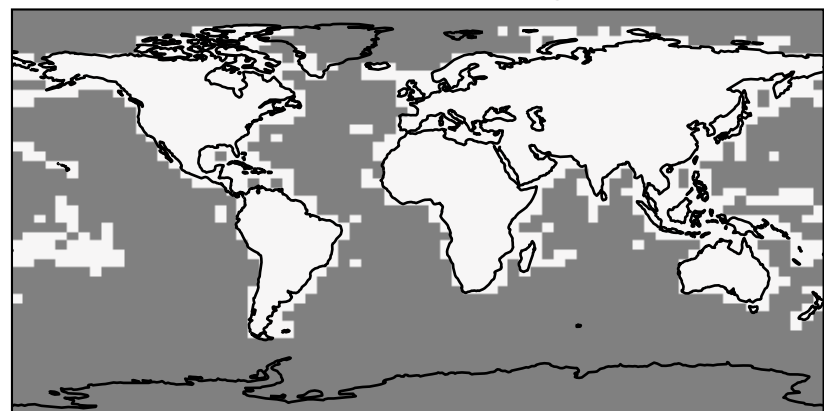
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

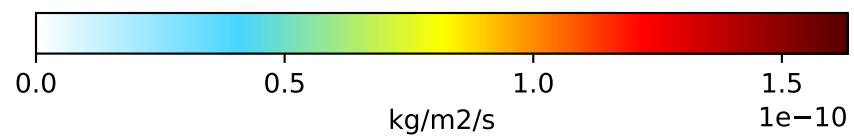
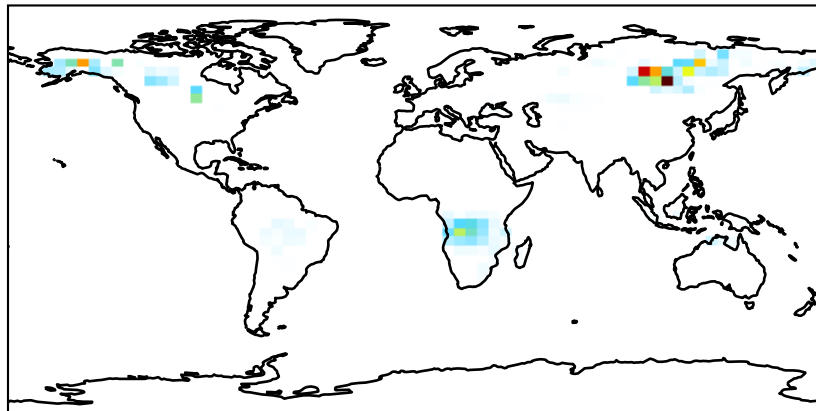


Ratio
Dev/Ref, Fixed Range

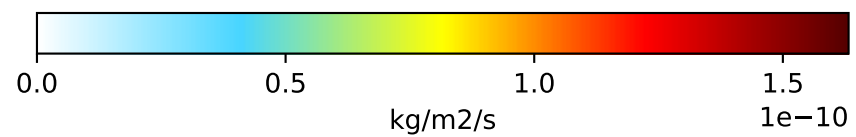
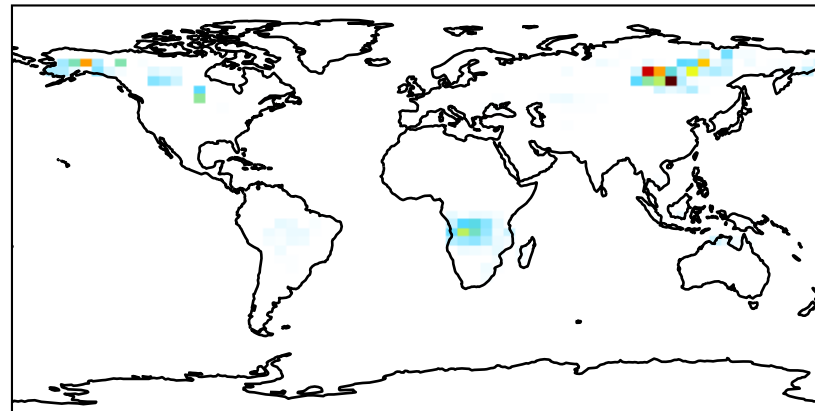


EmisC2H4_BioBurn

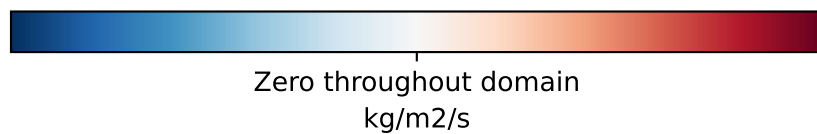
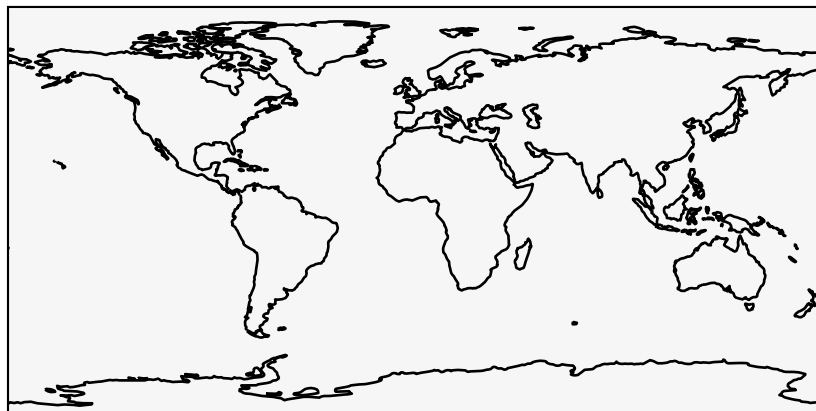
GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



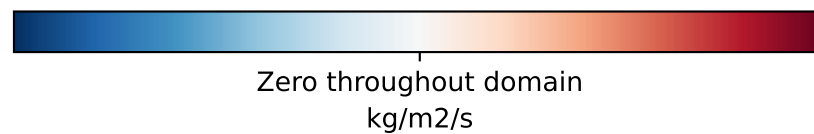
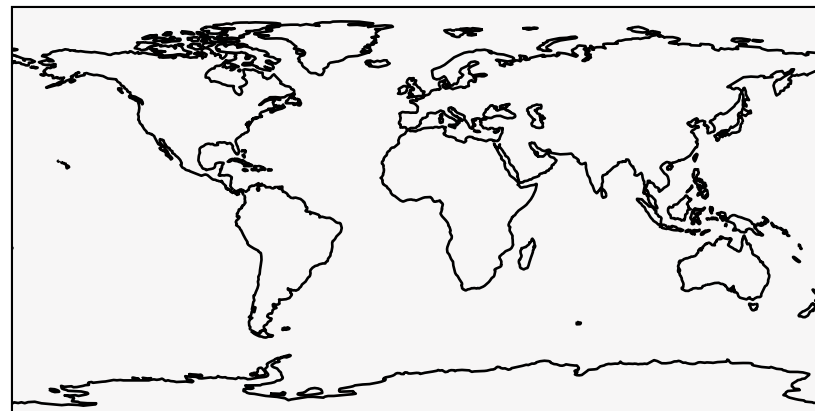
GCC_14.2.0_GEOS-FP (Dev)
4.0x5.0



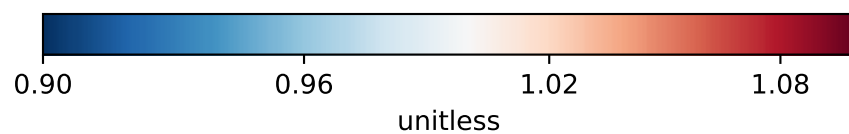
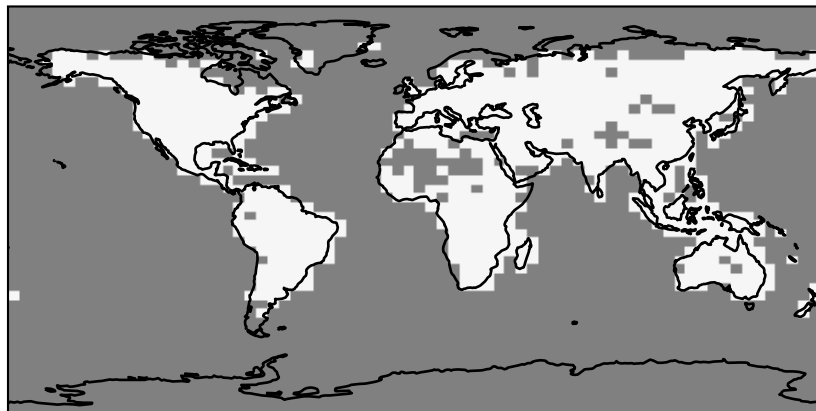
Difference
Dev - Ref, Dynamic Range



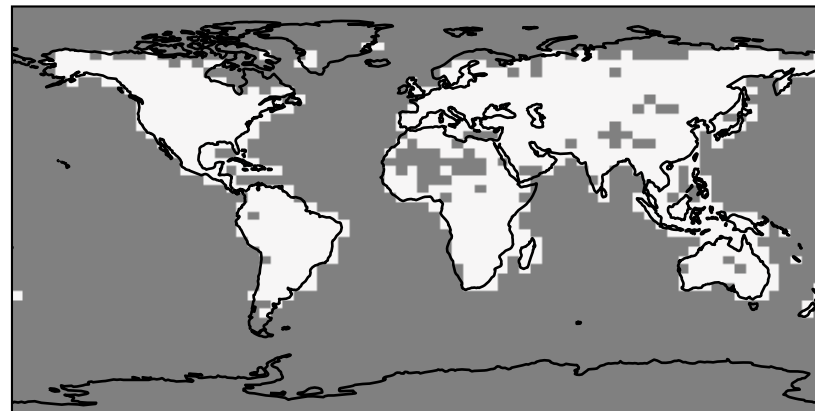
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

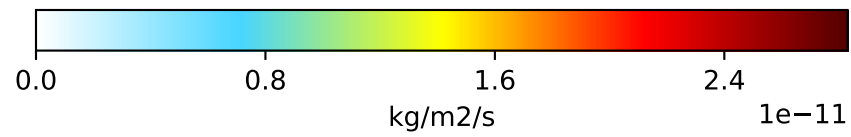
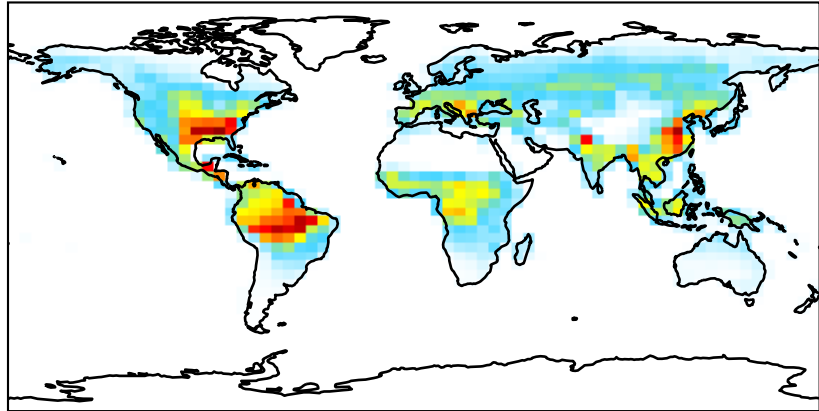


Ratio
Dev/Ref, Fixed Range

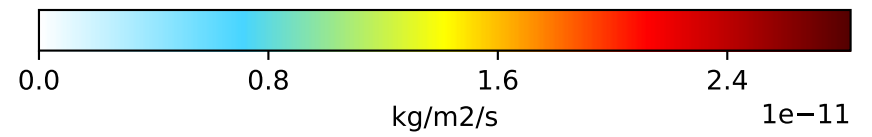
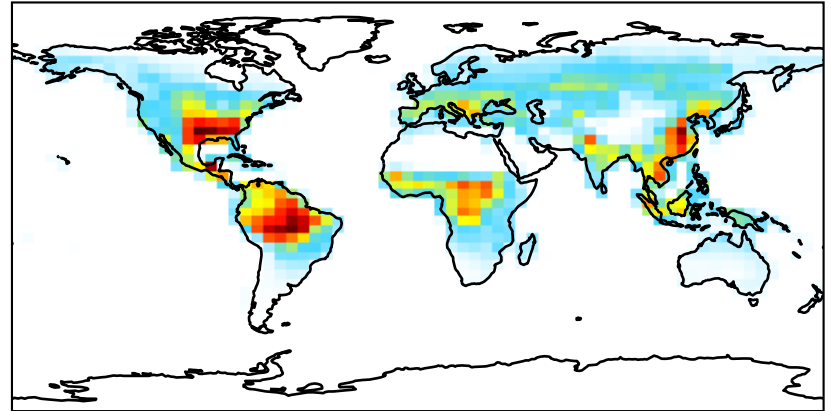


EmisC2H4_Biogenic

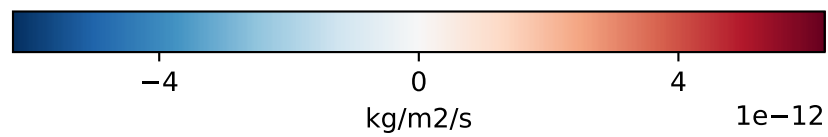
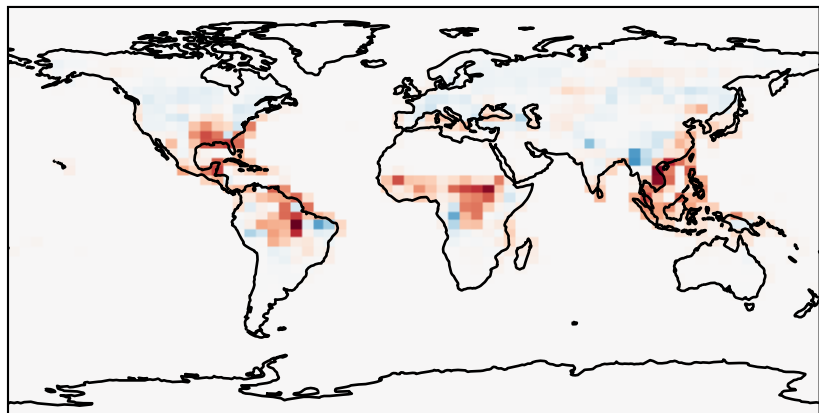
GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



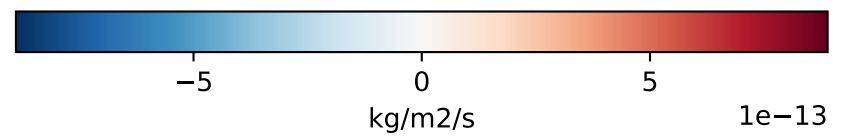
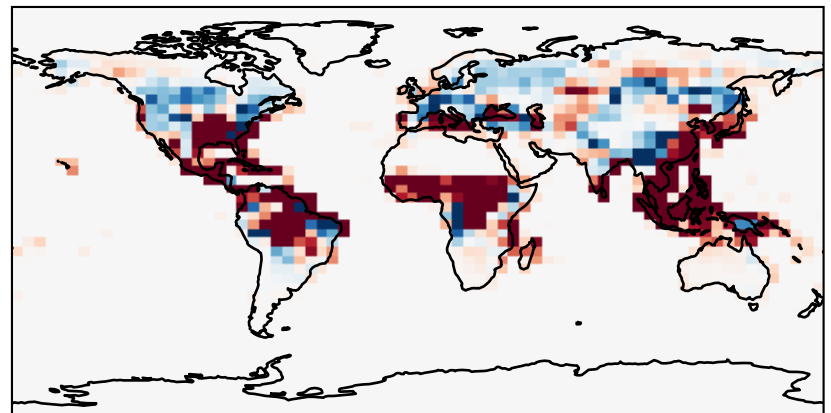
GCC_14.2.0_GEOS-FP (Dev)
4.0x5.0



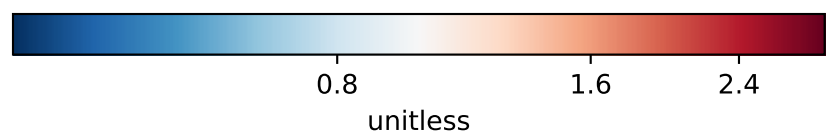
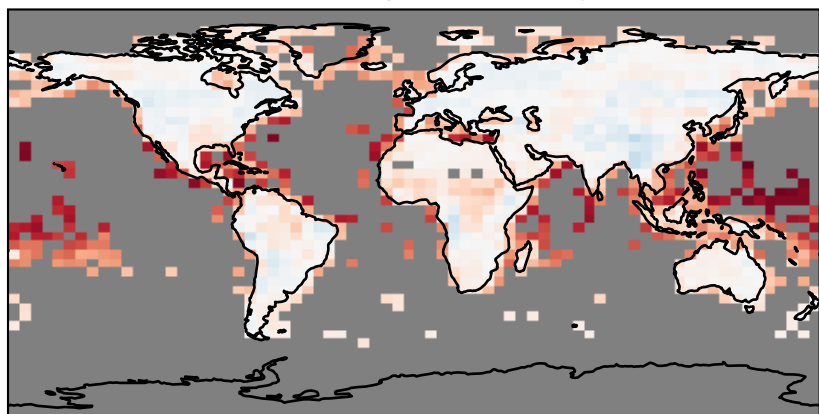
Difference
Dev - Ref, Dynamic Range



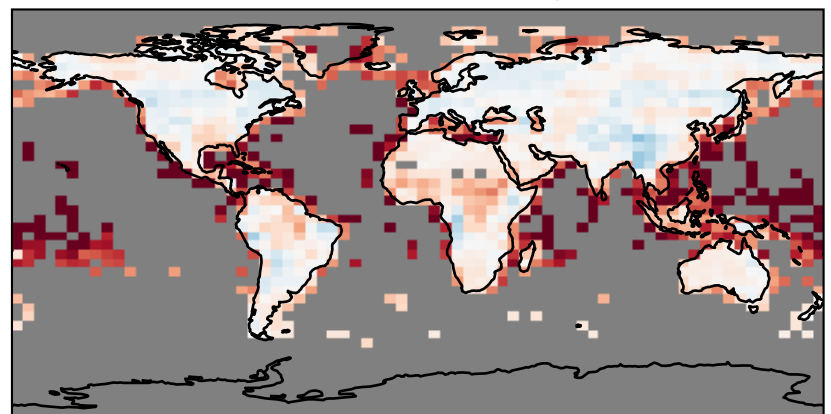
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

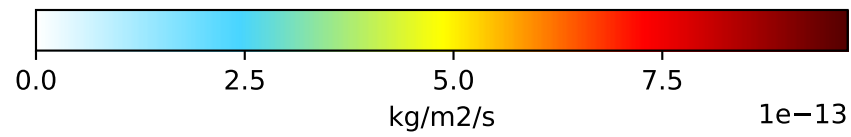
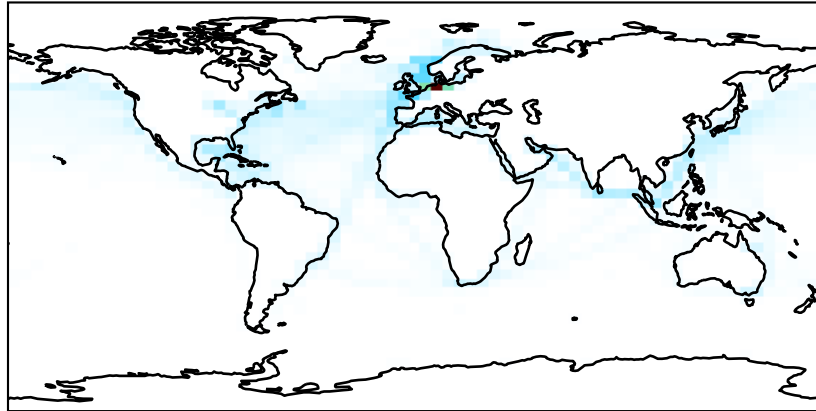


Ratio
Dev/Ref, Fixed Range

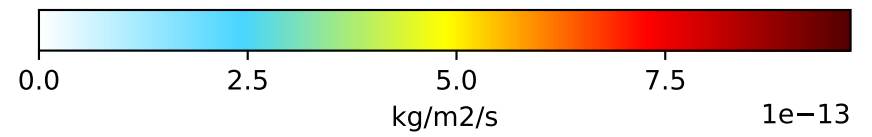
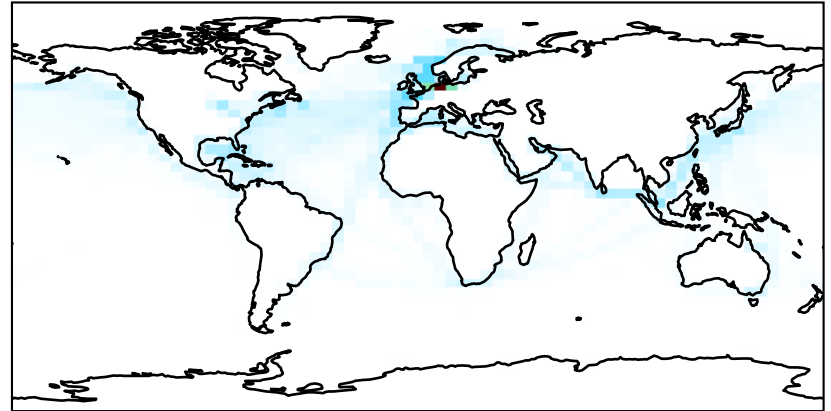


EmisC2H4_Ship

GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



GCC_14.2.0_GEOS-FP (Dev)
4.0x5.0



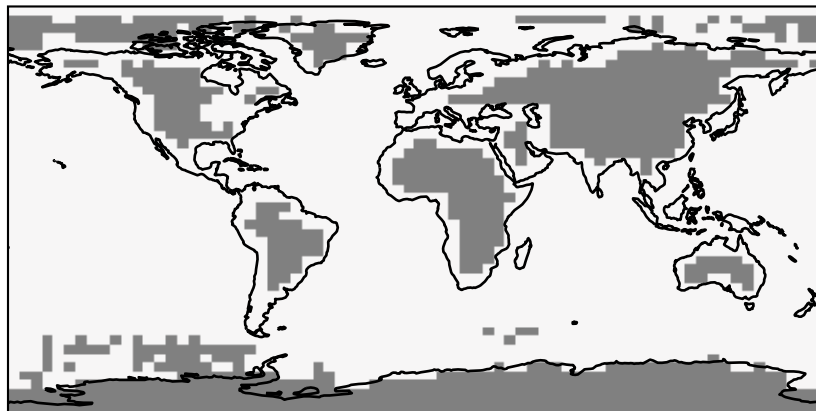
Difference
Dev - Ref, Dynamic Range



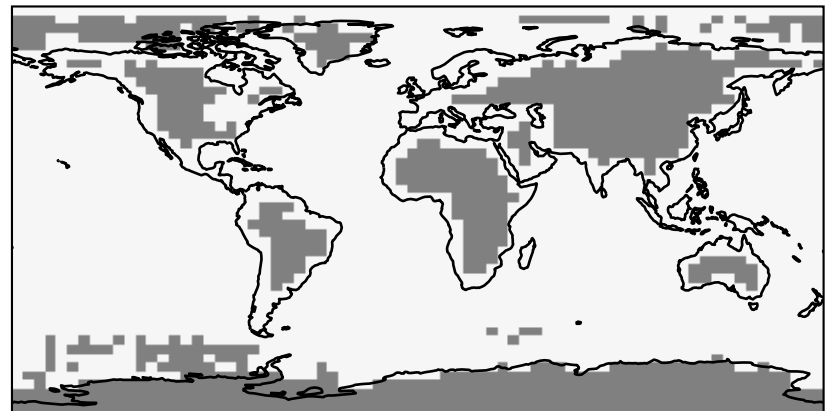
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

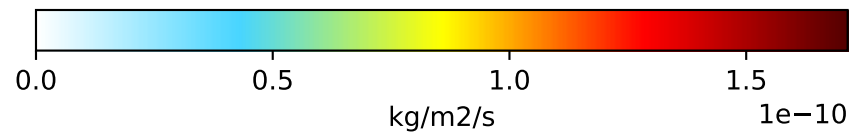
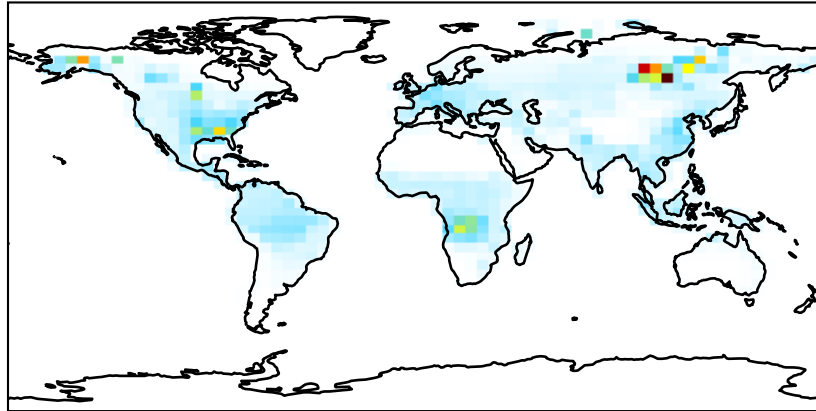


Ratio
Dev/Ref, Fixed Range

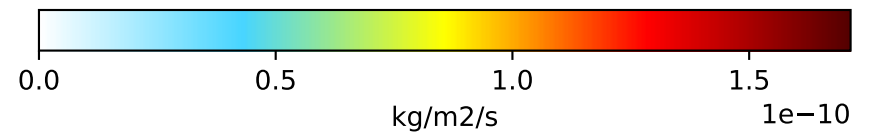
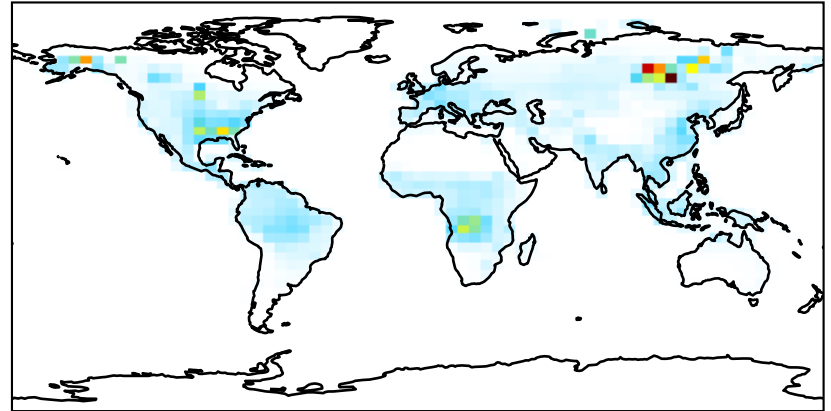


EmisC2H4_Total

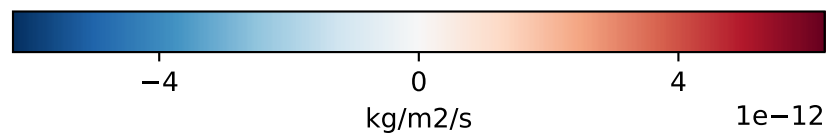
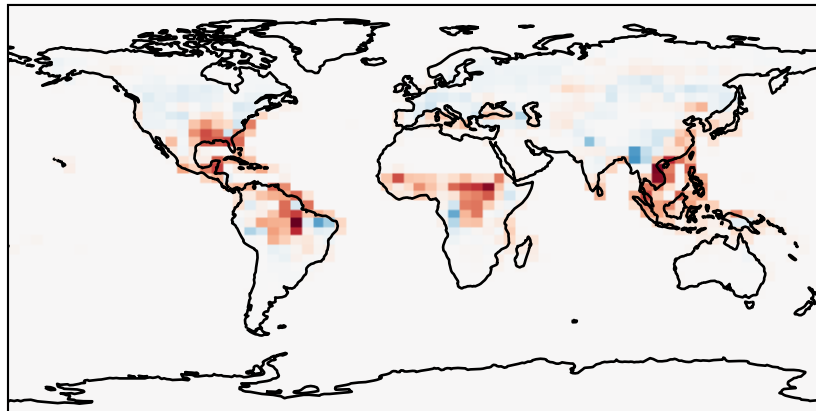
GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



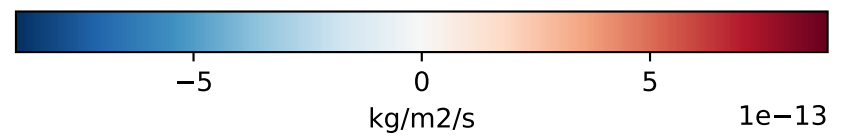
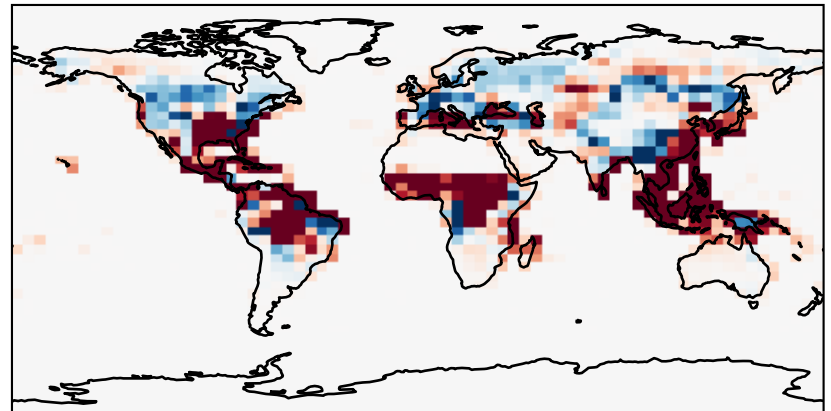
GCC_14.2.0_GEOS-FP (Dev)
4.0x5.0



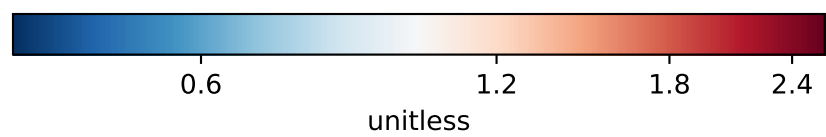
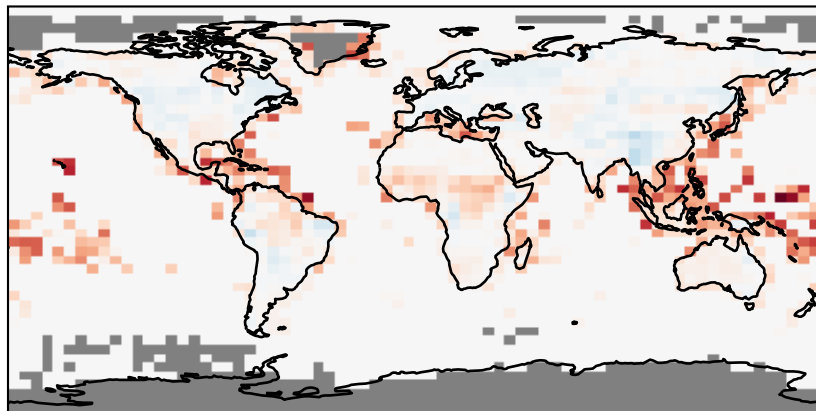
Difference
Dev - Ref, Dynamic Range



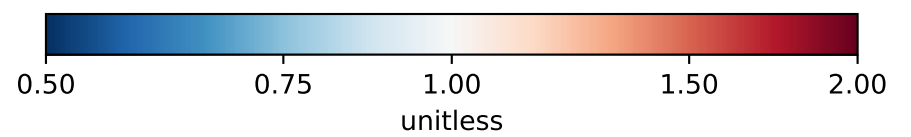
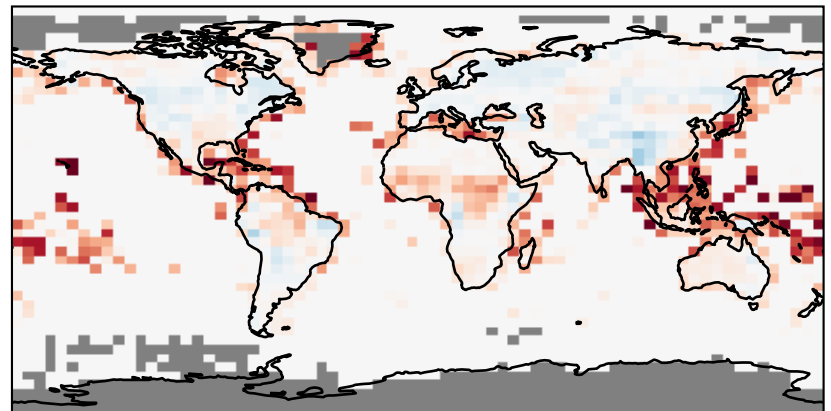
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

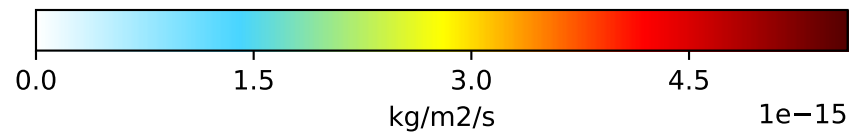
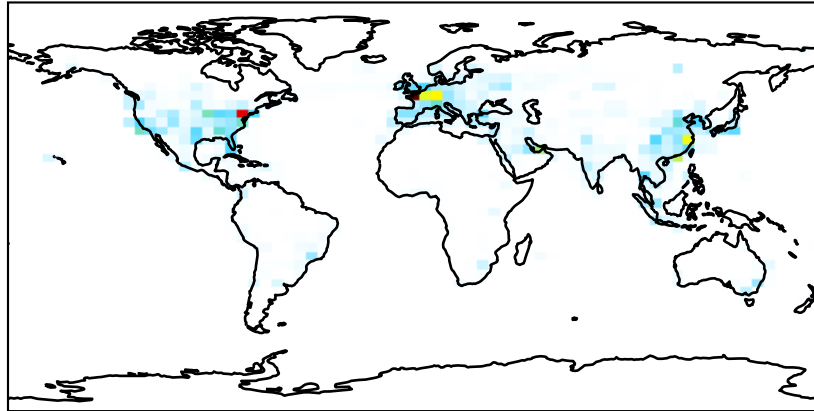


Ratio
Dev/Ref, Fixed Range

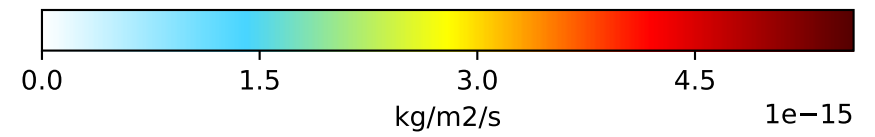
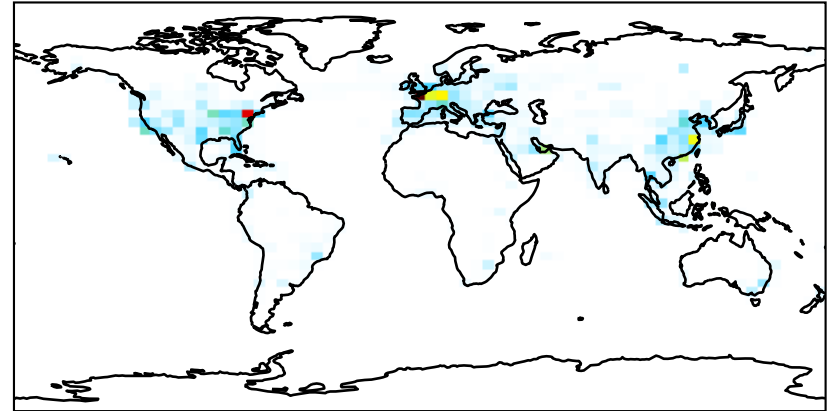


EmisC2H6_Aircraft

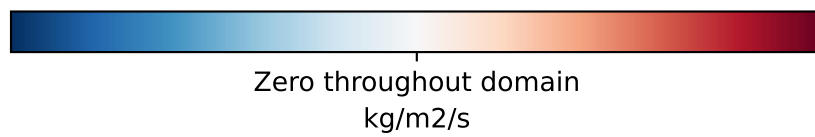
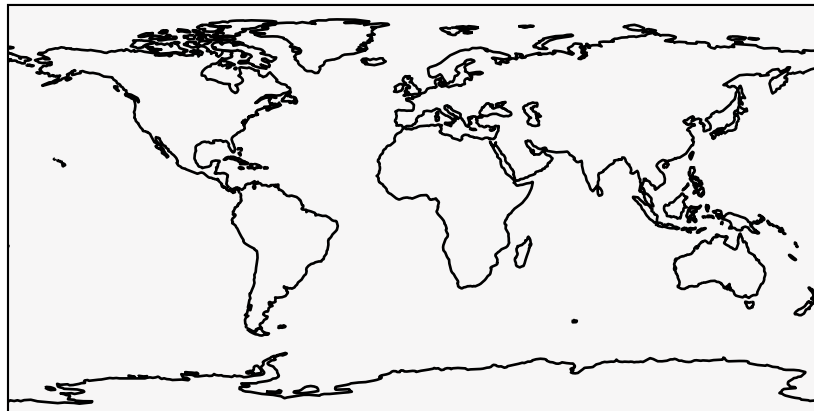
GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



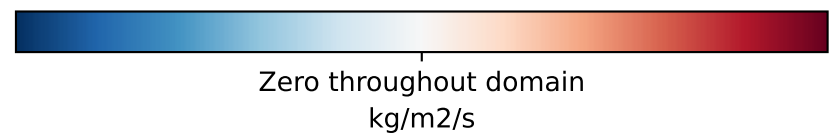
GCC_14.2.0_GEOS-FP (Dev)
4.0x5.0



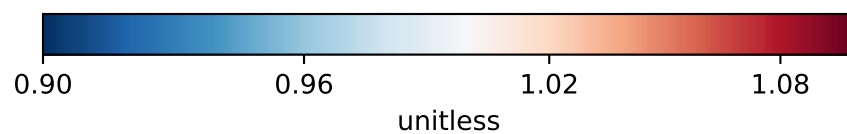
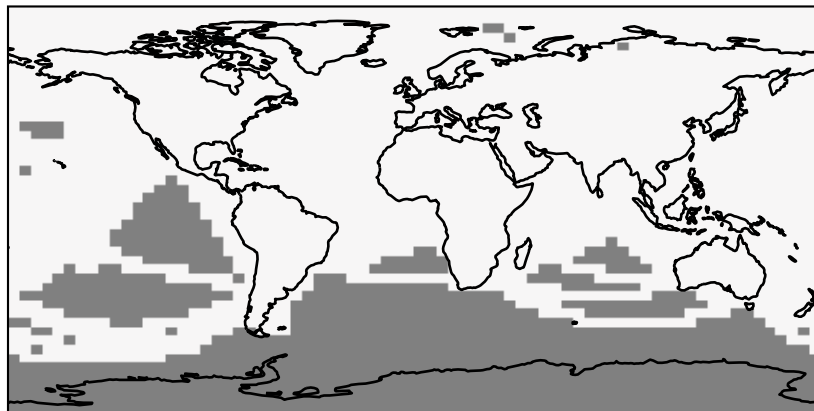
Difference
Dev - Ref, Dynamic Range



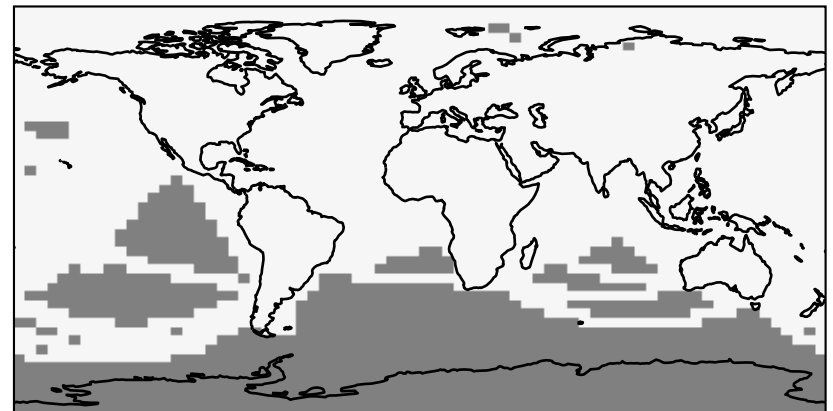
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

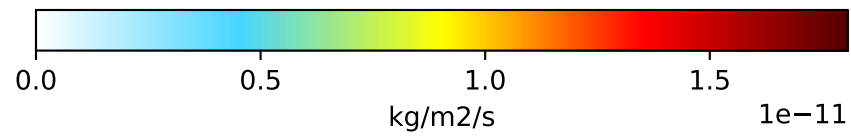
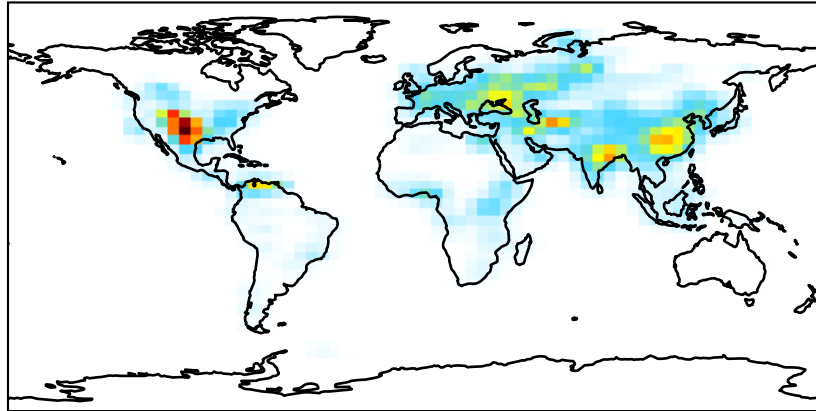


Ratio
Dev/Ref, Fixed Range

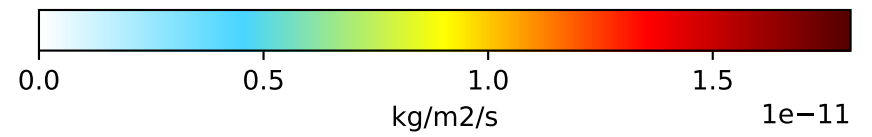
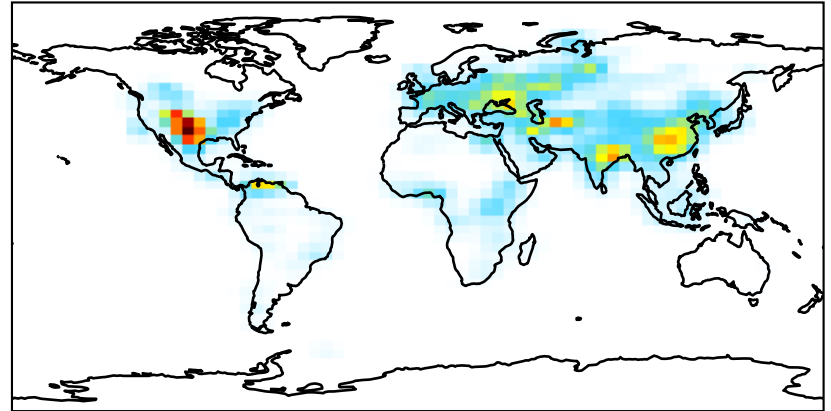


EmisC2H6_Anthro

GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



GCC_14.2.0_GEOS-FP (Dev)
4.0x5.0



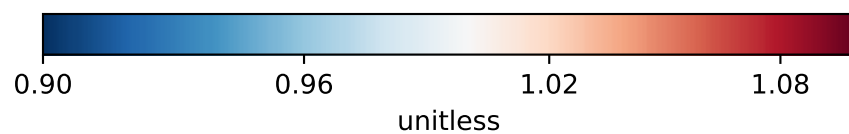
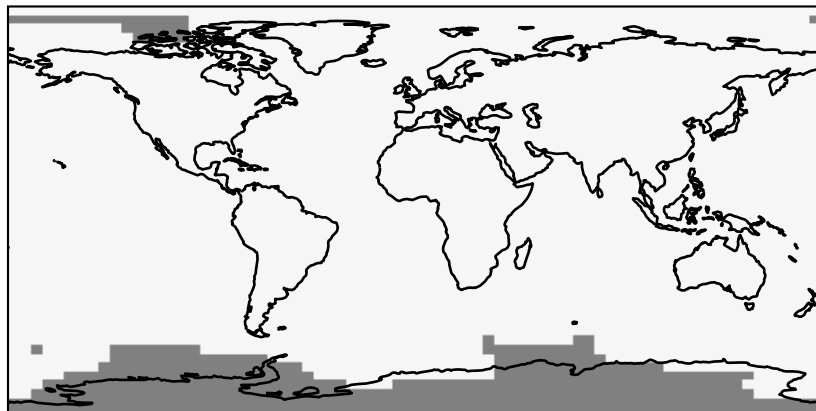
Difference
Dev - Ref, Dynamic Range



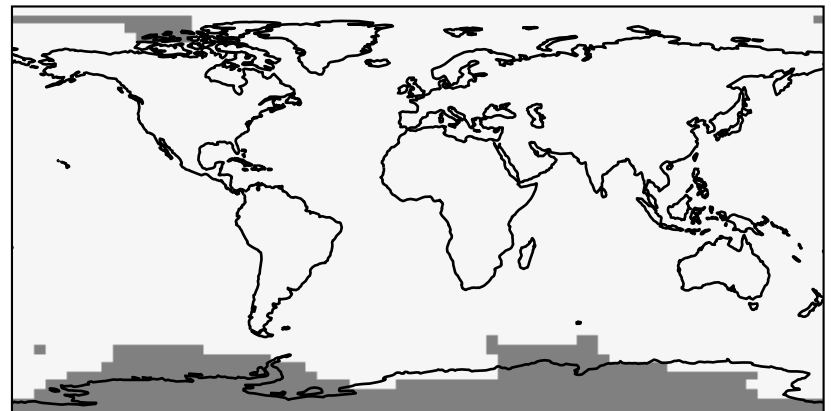
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

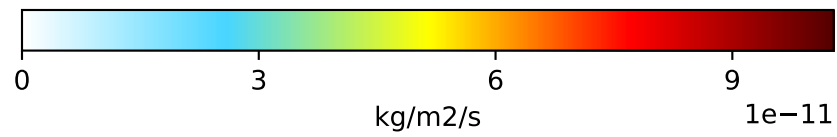
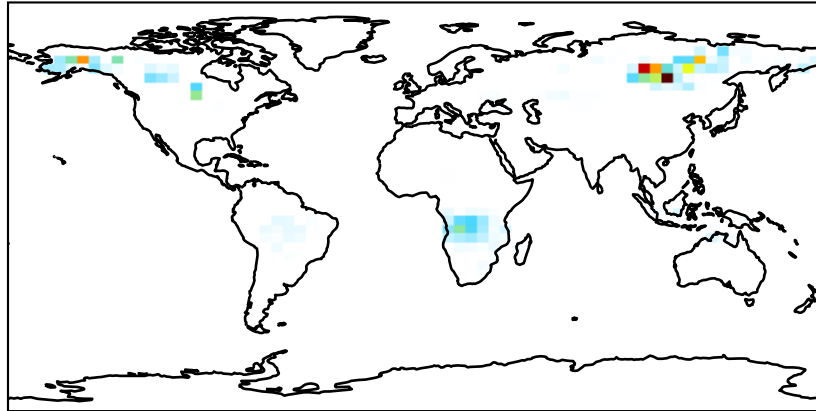


Ratio
Dev/Ref, Fixed Range

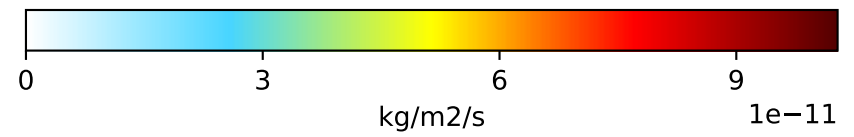
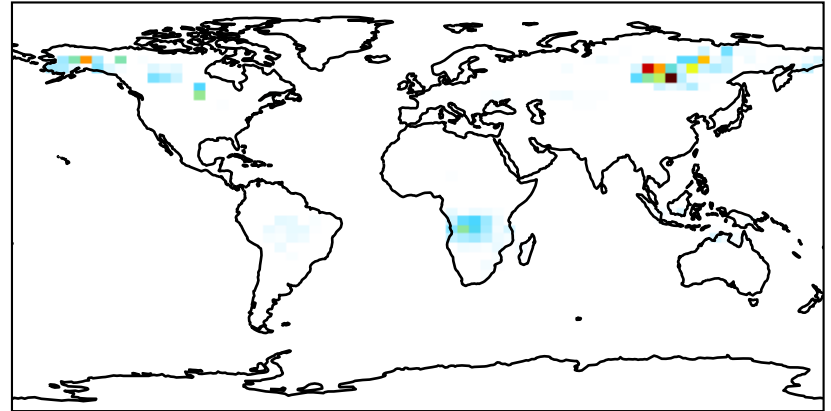


EmisC2H6_BioBurn

GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



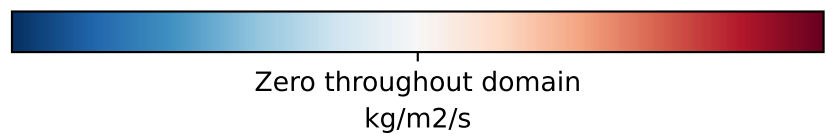
GCC_14.2.0_GEOS-FP (Dev)
4.0x5.0



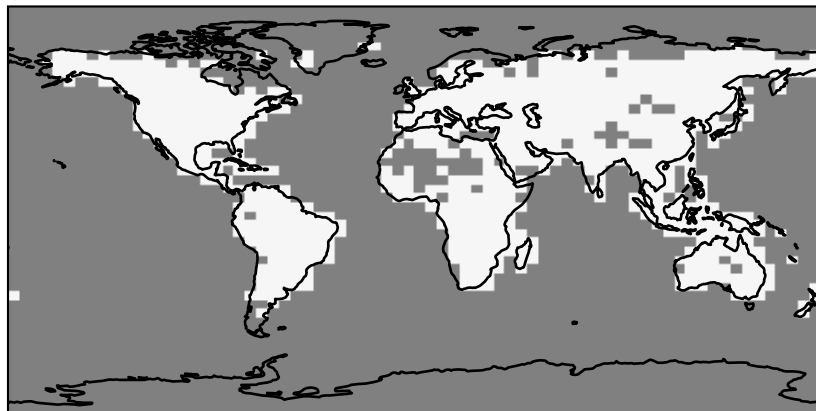
Difference
Dev - Ref, Dynamic Range



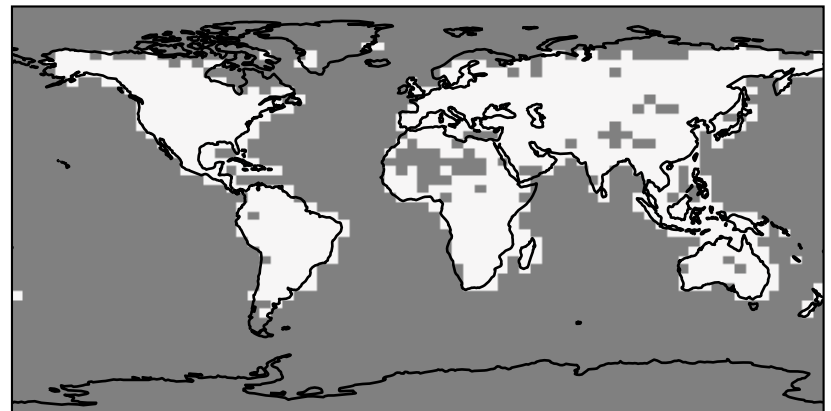
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

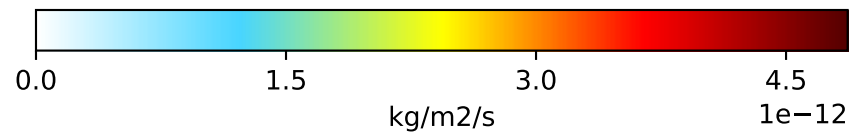


Ratio
Dev/Ref, Fixed Range

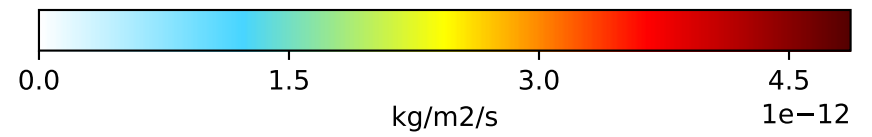
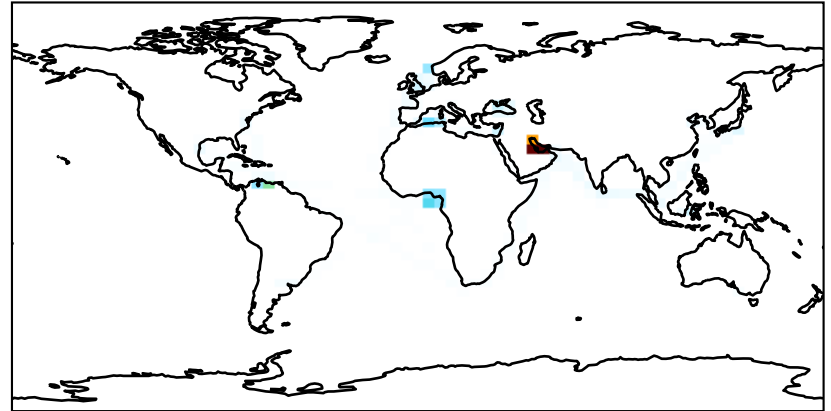


EmisC2H6_Ship

GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



GCC_14.2.0_GEOS-FP (Dev)
4.0x5.0



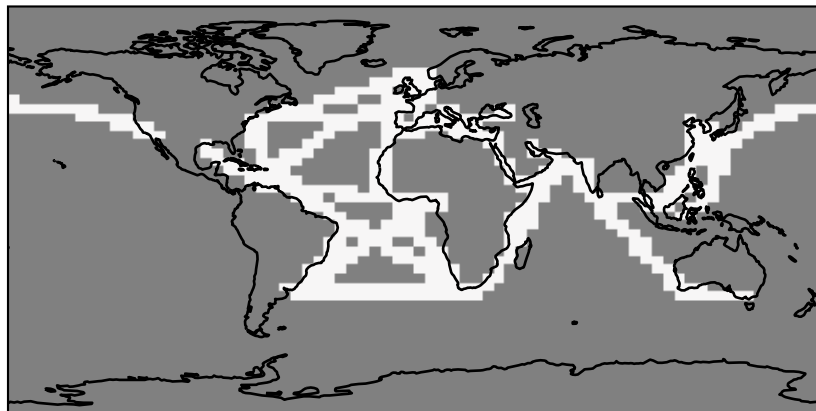
Difference
Dev - Ref, Dynamic Range



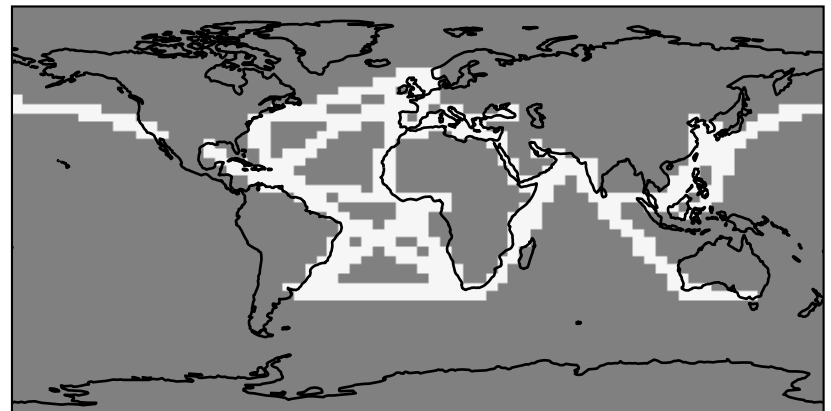
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

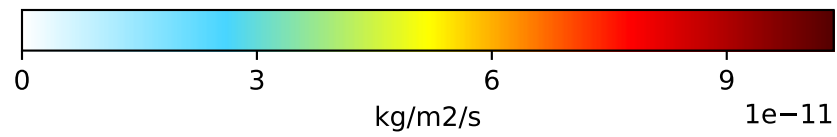
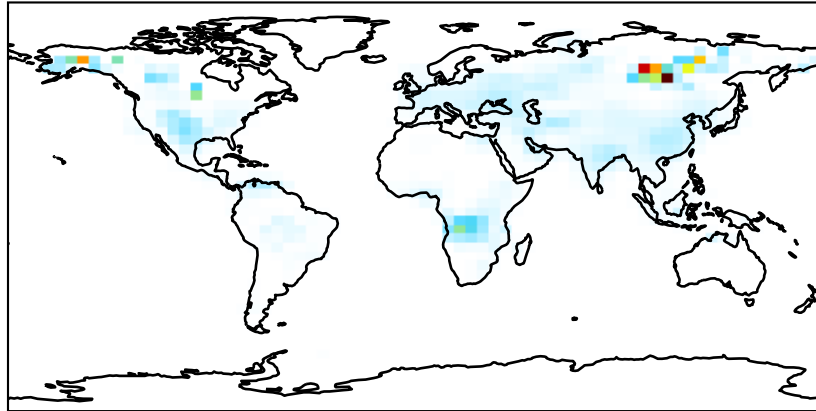


Ratio
Dev/Ref, Fixed Range

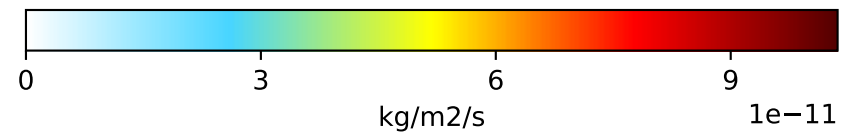
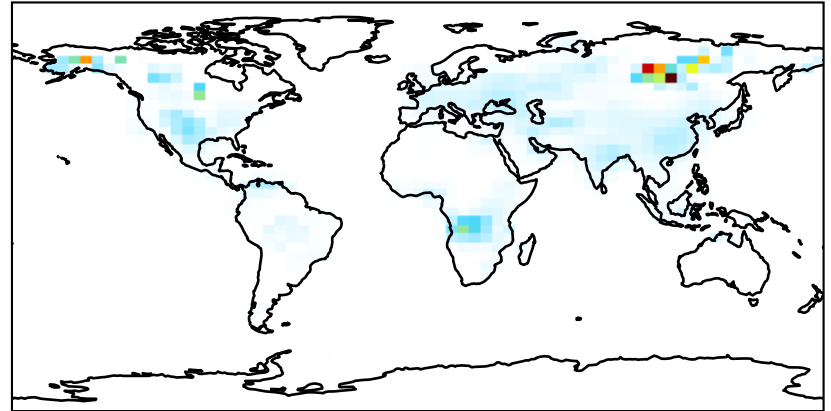


EmisC2H6_Total

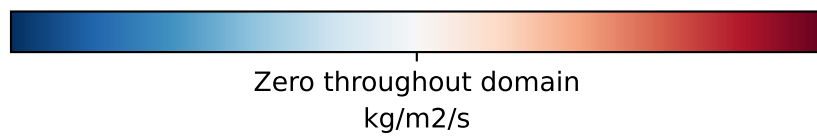
GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



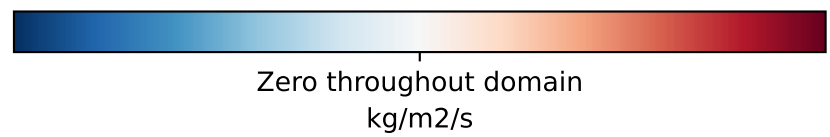
GCC_14.2.0_GEOS-FP (Dev)
4.0x5.0



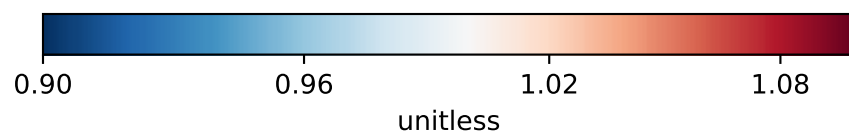
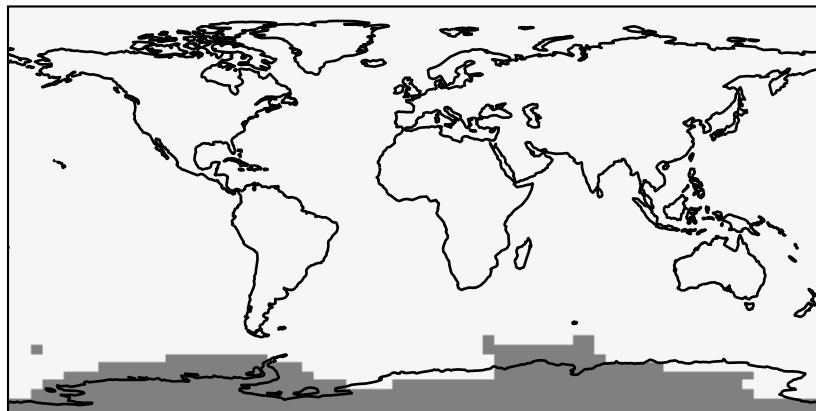
Difference
Dev - Ref, Dynamic Range



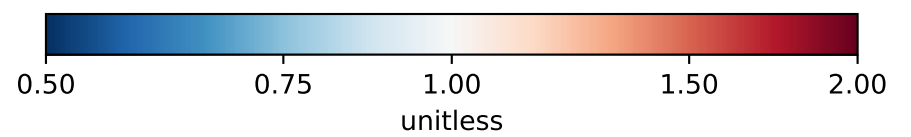
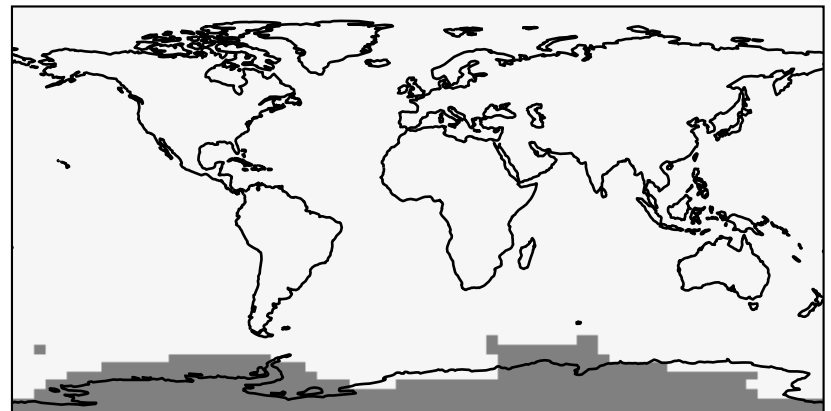
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

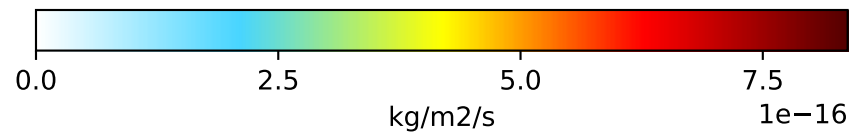
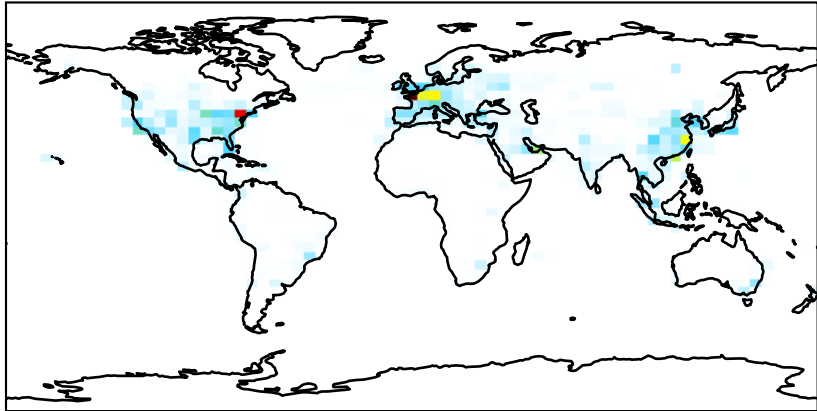


Ratio
Dev/Ref, Fixed Range

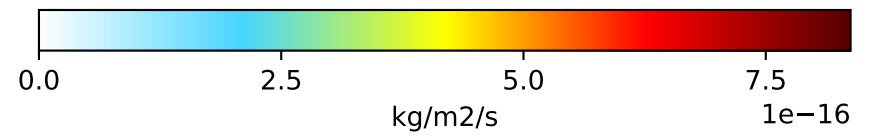
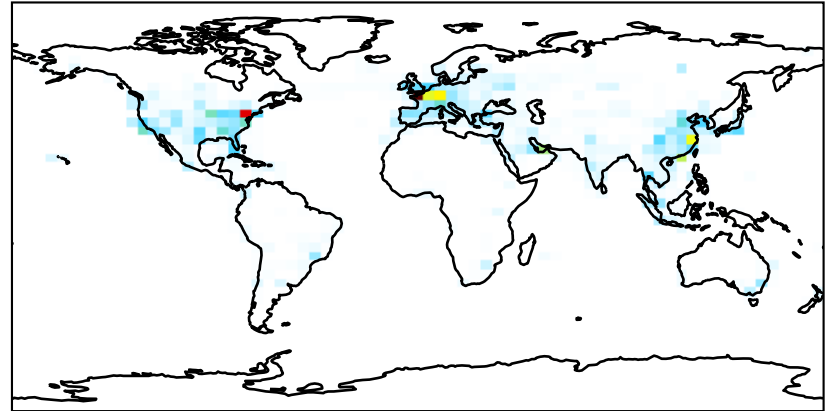


EmisC3H8_Aircraft

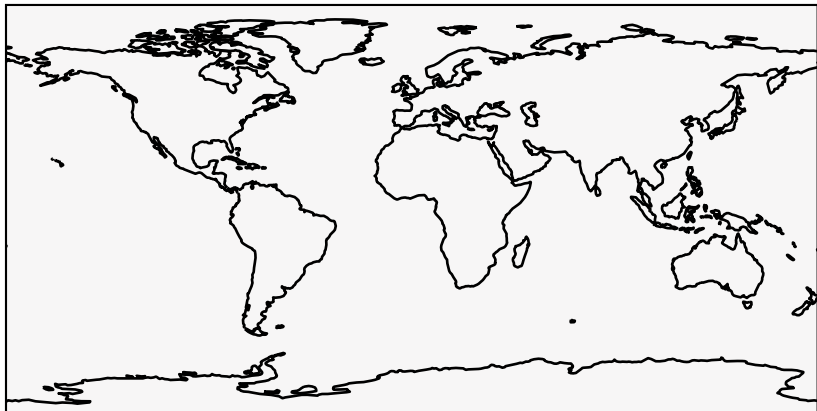
GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



GCC_14.2.0_GEOS-FP (Dev)
4.0x5.0



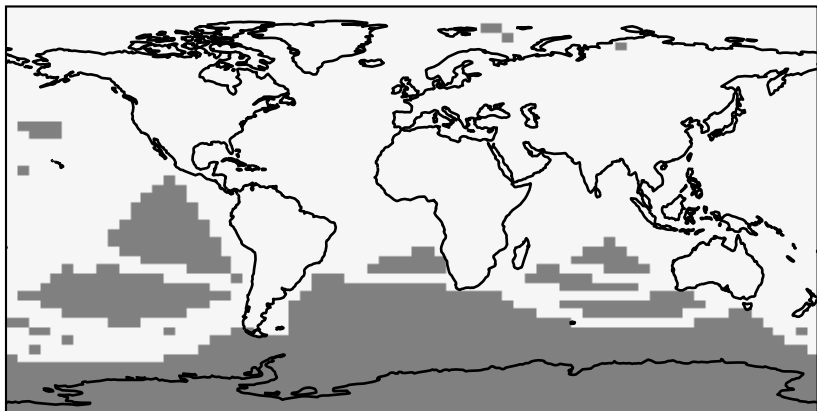
Difference
Dev - Ref, Dynamic Range



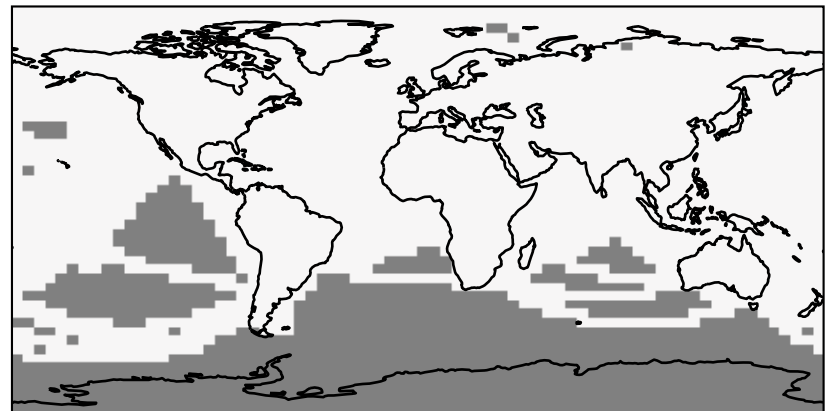
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

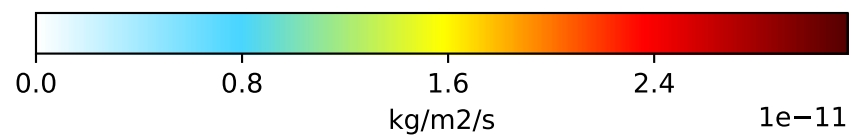
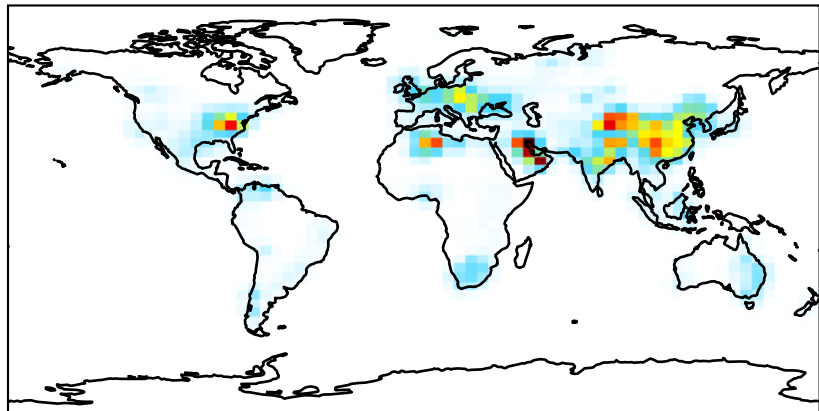


Ratio
Dev/Ref, Fixed Range

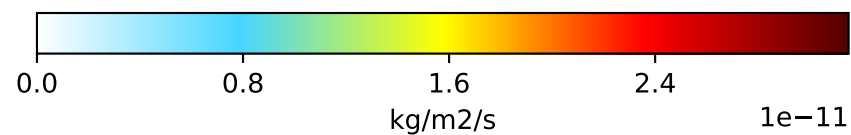
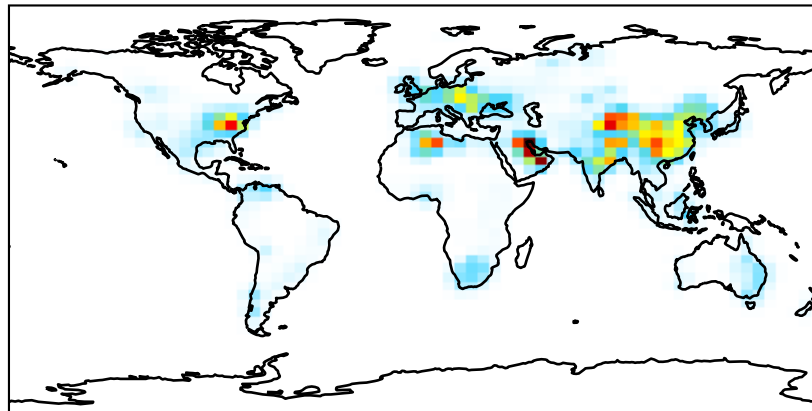


EmisC3H8_Anthro

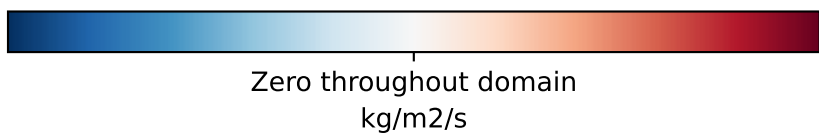
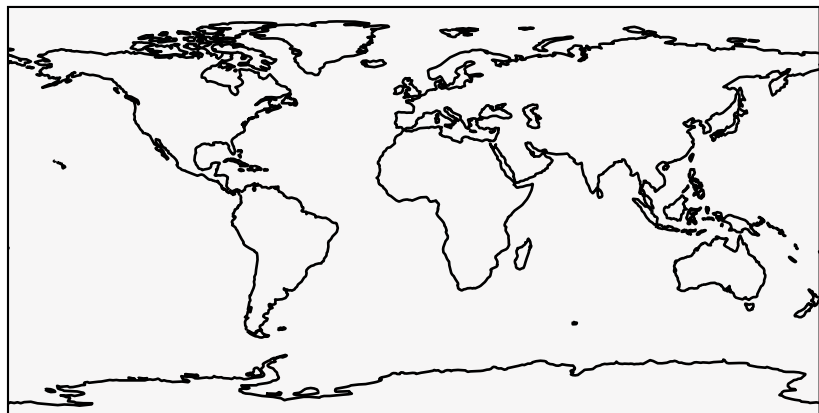
GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



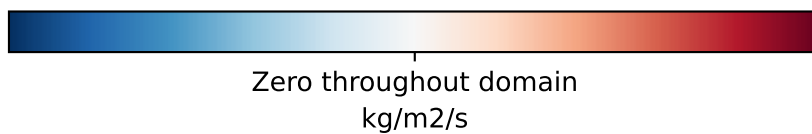
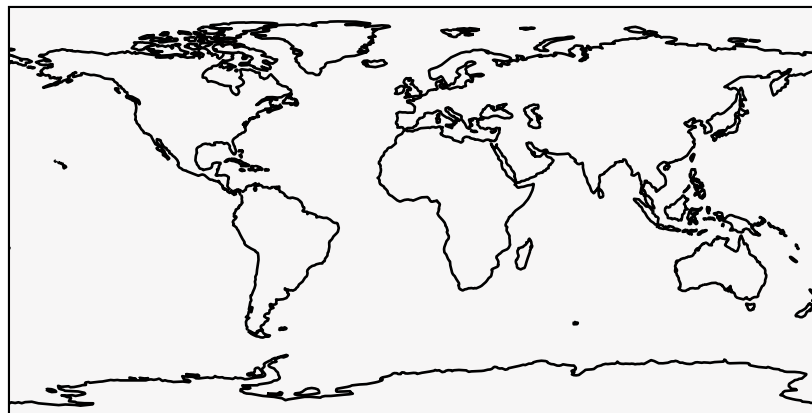
GCC_14.2.0_GEOS-FP (Dev)
4.0x5.0



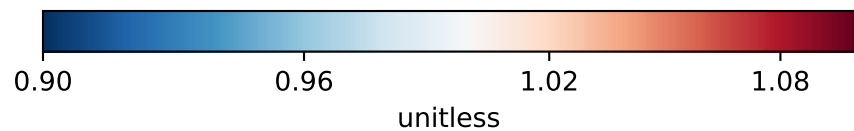
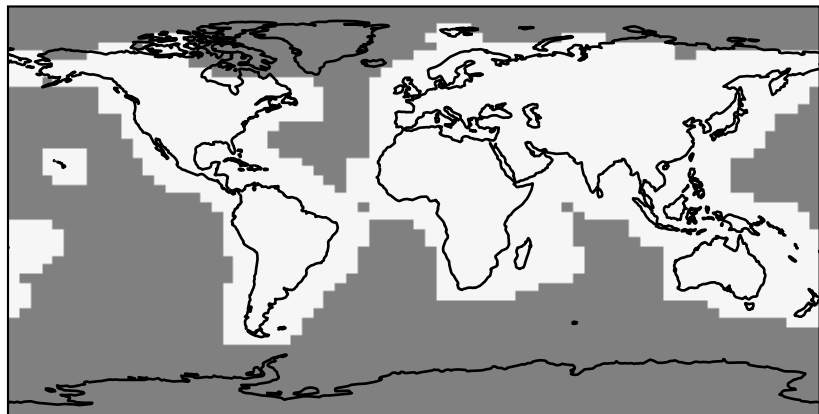
Difference
Dev - Ref, Dynamic Range



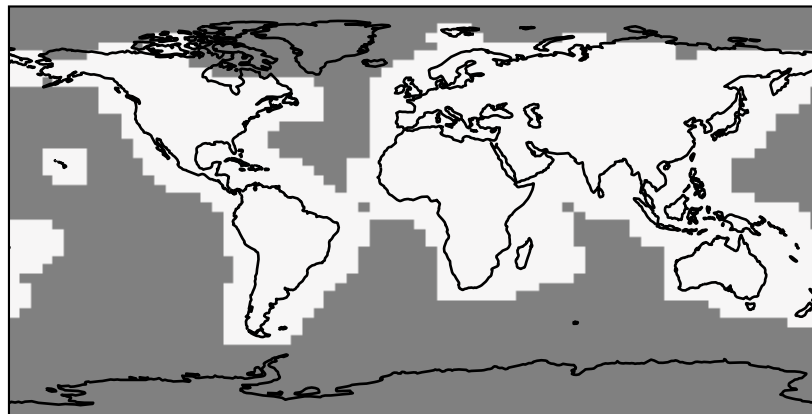
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

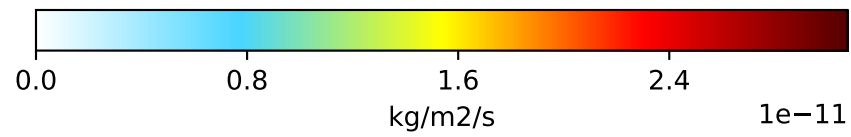
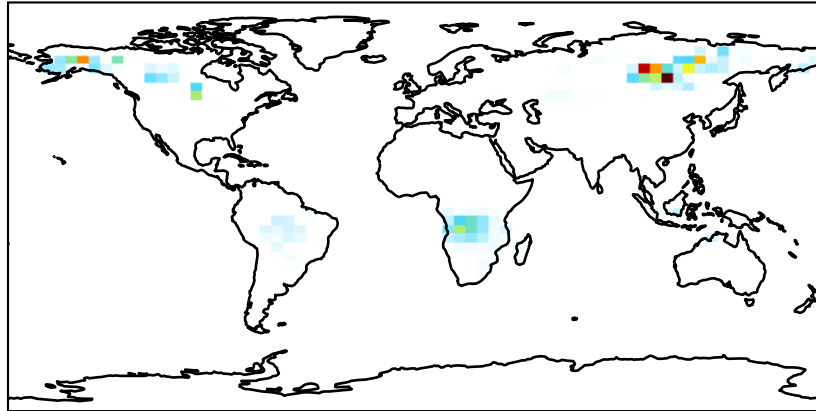


Ratio
Dev/Ref, Fixed Range

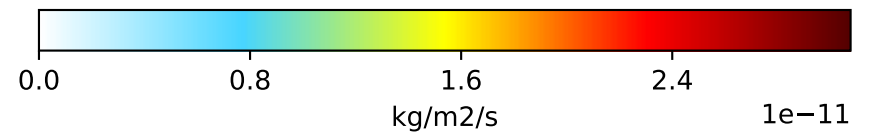
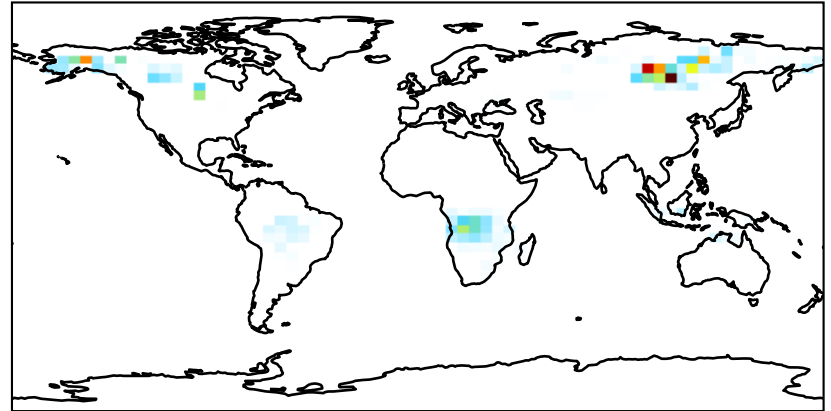


EmisC3H8_BioBurn

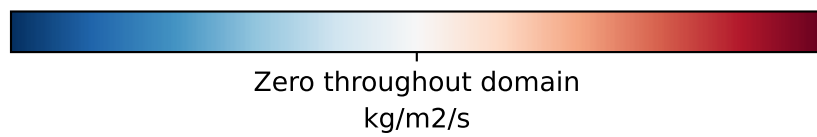
GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



GCC_14.2.0_GEOS-FP (Dev)
4.0x5.0



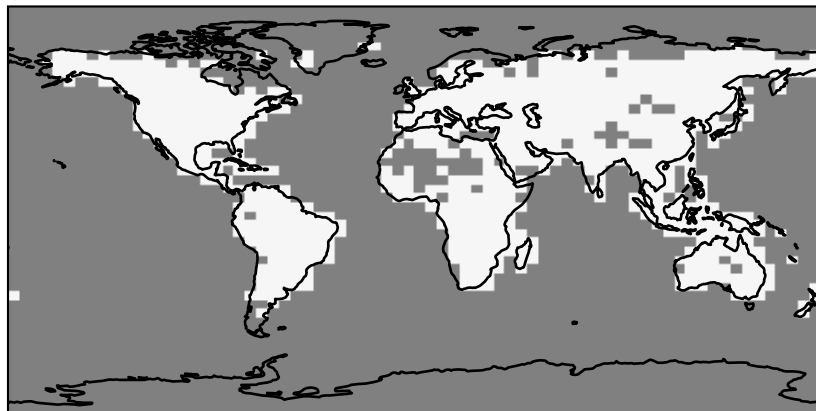
Difference
Dev - Ref, Dynamic Range



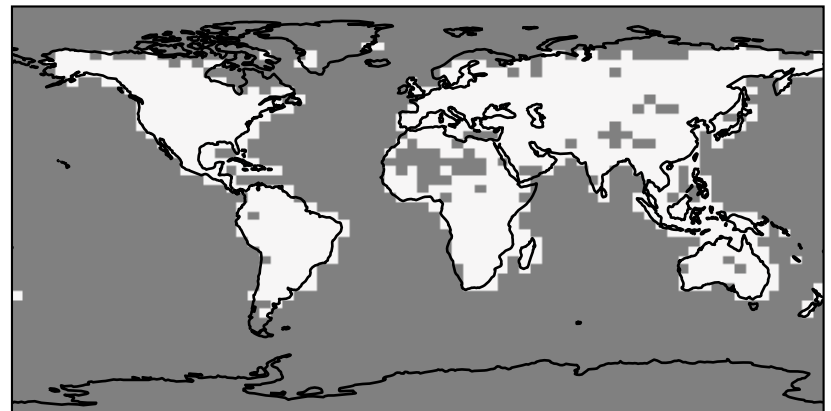
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

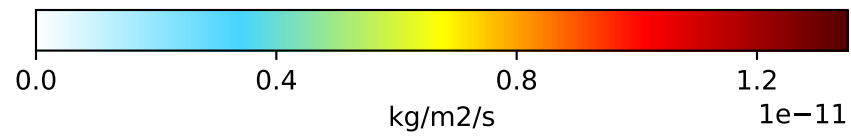


Ratio
Dev/Ref, Fixed Range

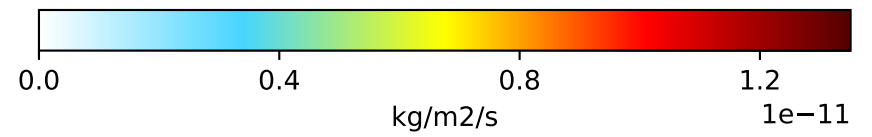
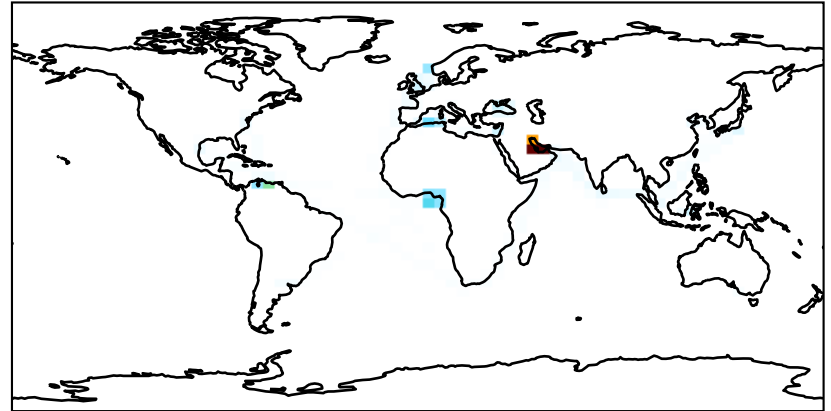


EmisC3H8_Ship

GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



GCC_14.2.0_GEOS-FP (Dev)
4.0x5.0



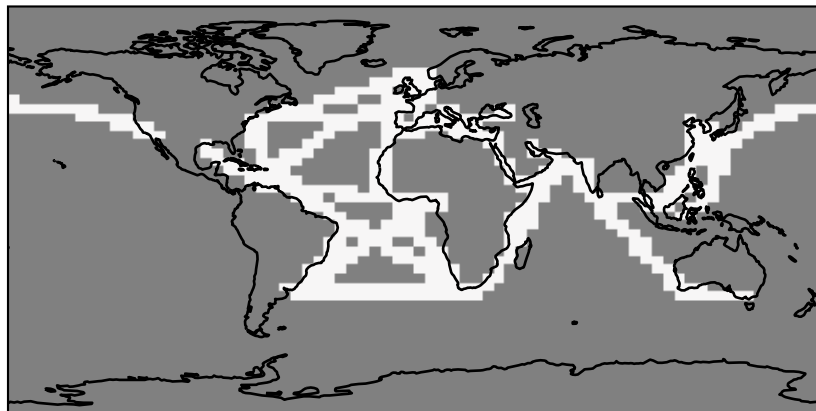
Difference
Dev - Ref, Dynamic Range



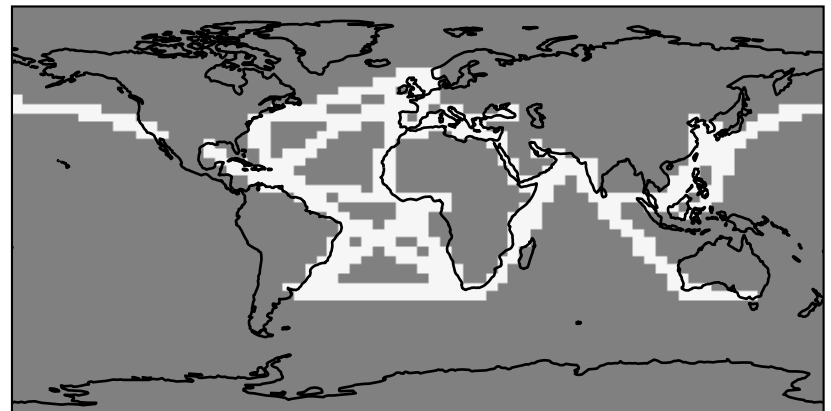
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

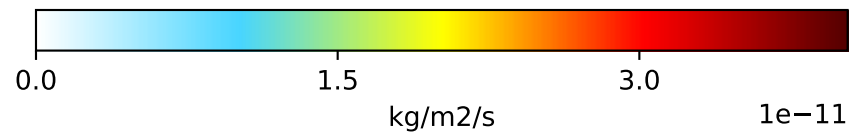
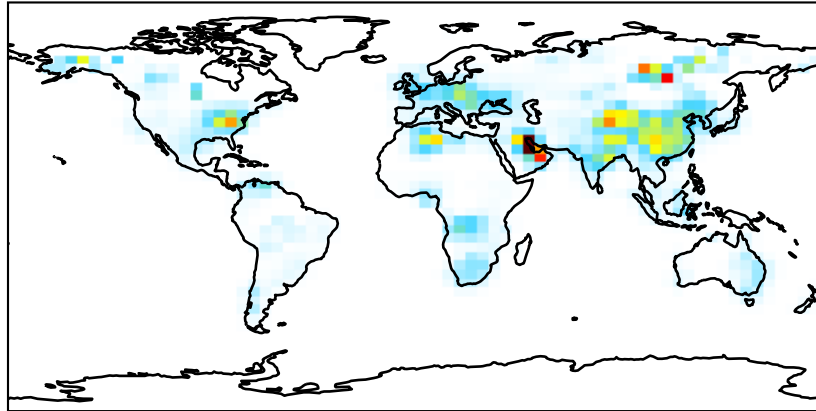


Ratio
Dev/Ref, Fixed Range

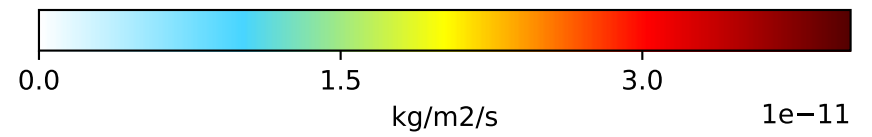
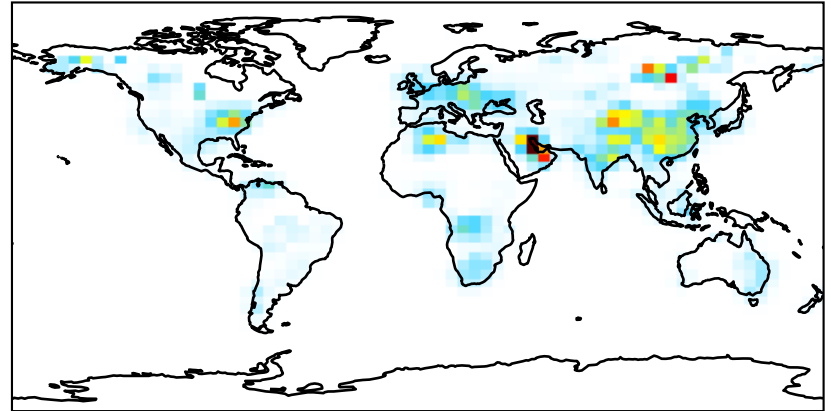


EmisC3H8_Total

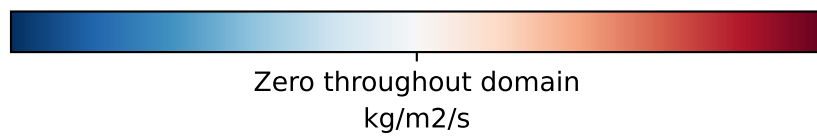
GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



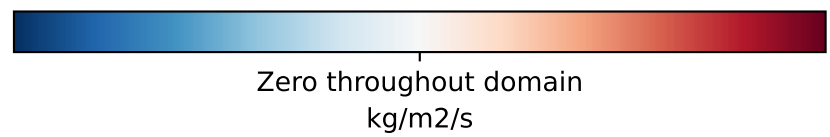
GCC_14.2.0_GEOS-FP (Dev)
4.0x5.0



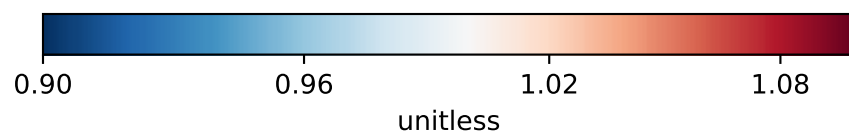
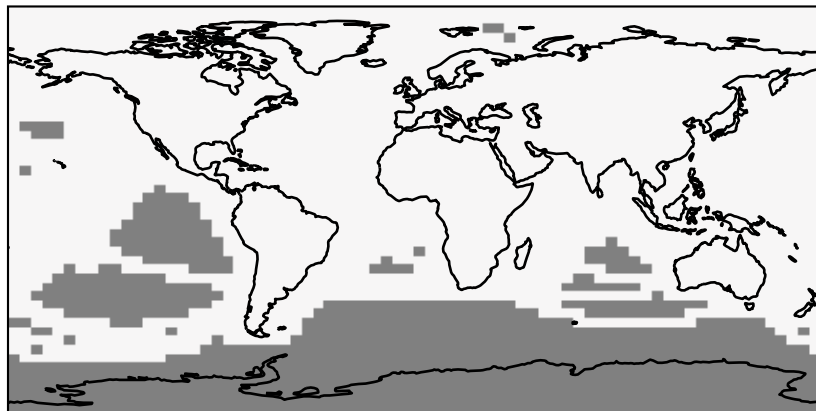
Difference
Dev - Ref, Dynamic Range



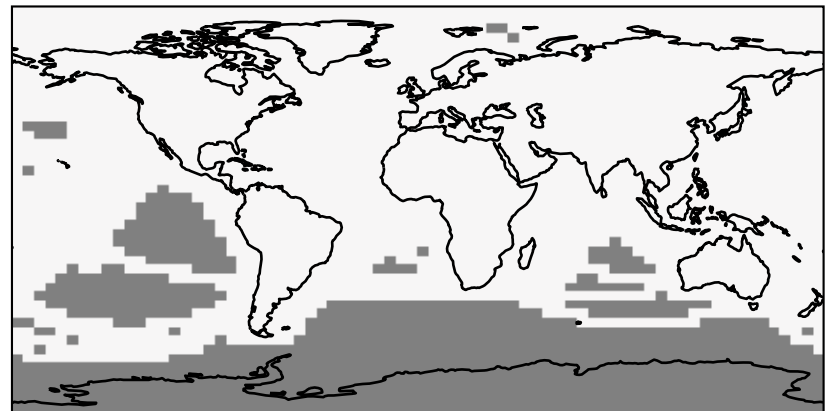
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

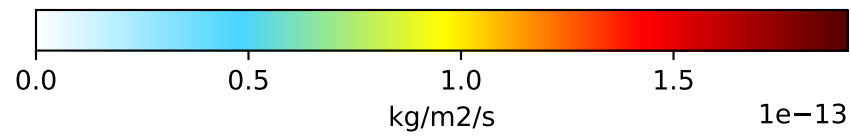
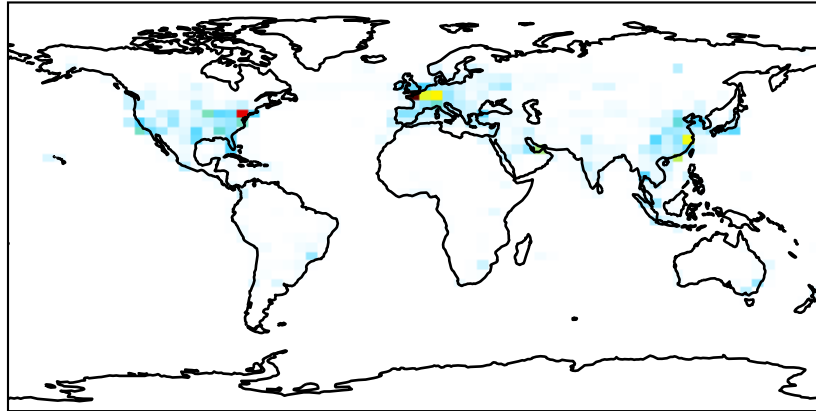


Ratio
Dev/Ref, Fixed Range

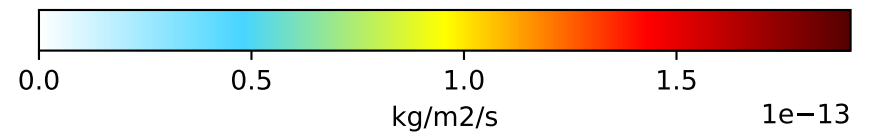
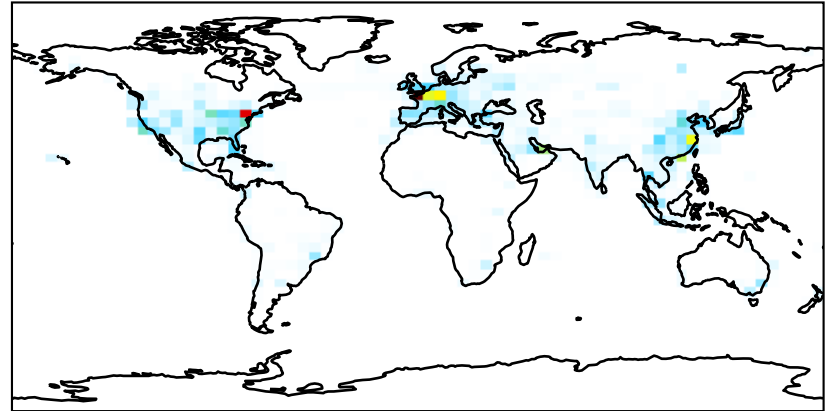


EmisPRPE_Aircraft

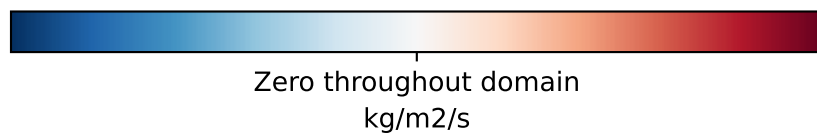
GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



GCC_14.2.0_GEOS-FP (Dev)
4.0x5.0



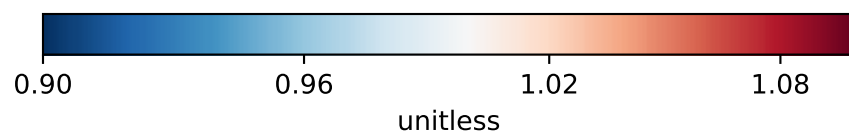
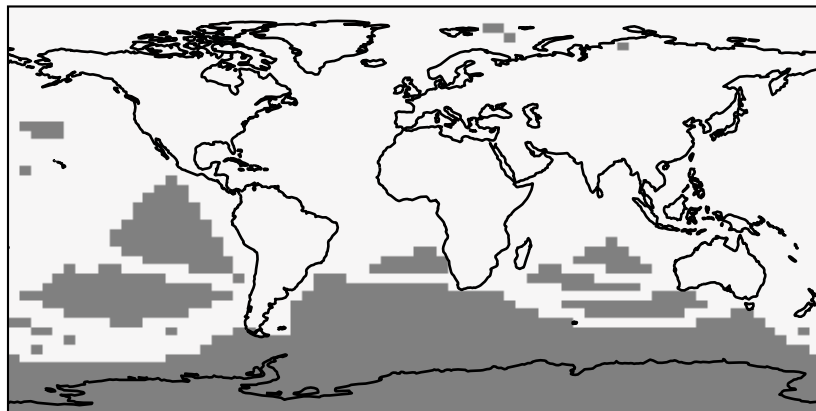
Difference
Dev - Ref, Dynamic Range



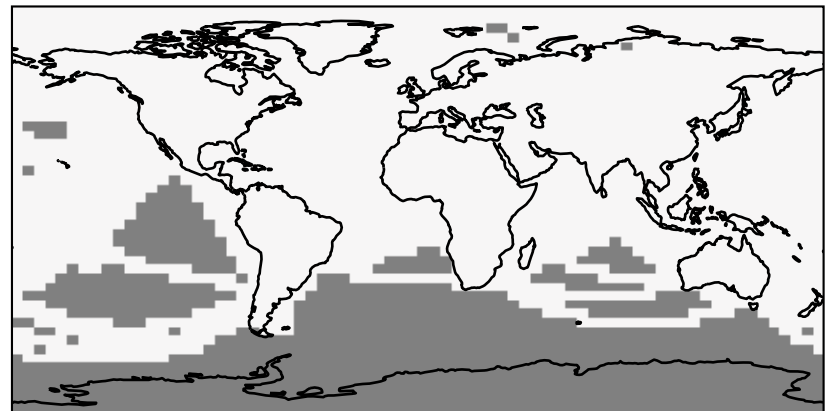
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

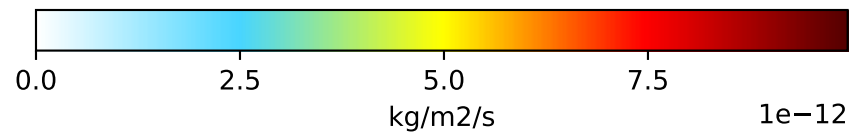
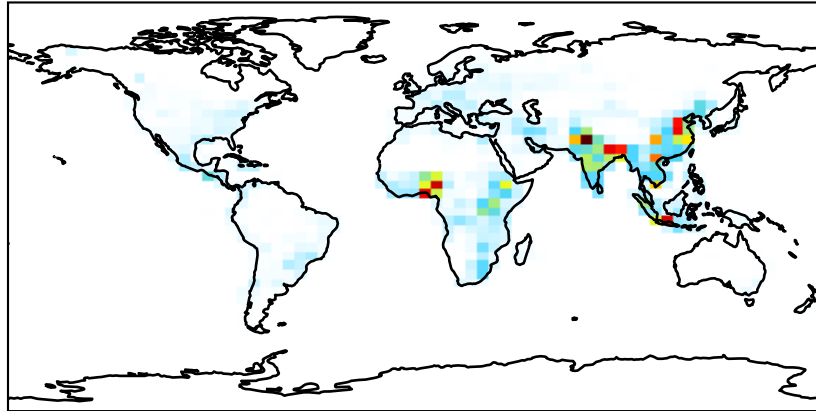


Ratio
Dev/Ref, Fixed Range

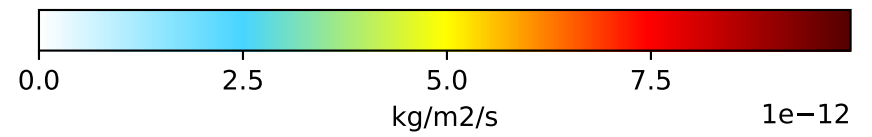
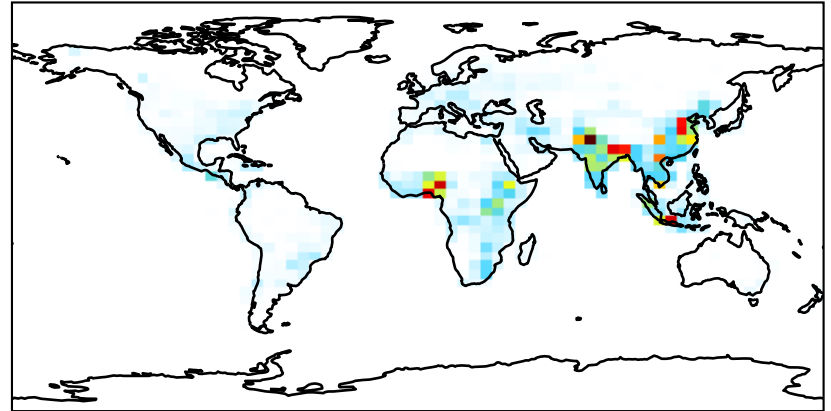


EmisPRPE_Anthro

GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



GCC_14.2.0_GEOS-FP (Dev)
4.0x5.0



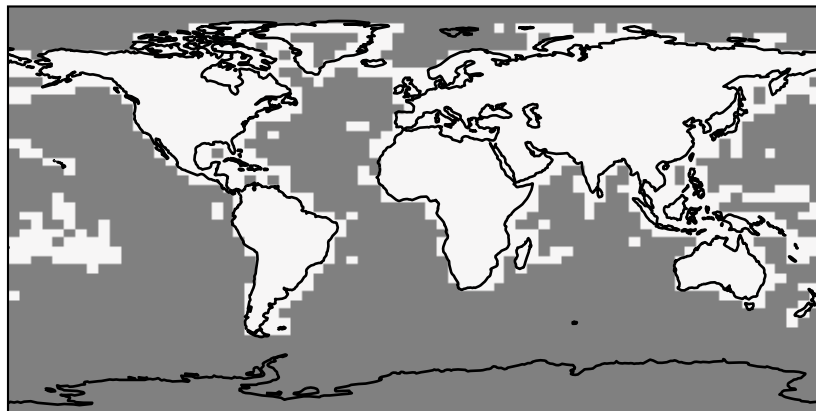
Difference
Dev - Ref, Dynamic Range



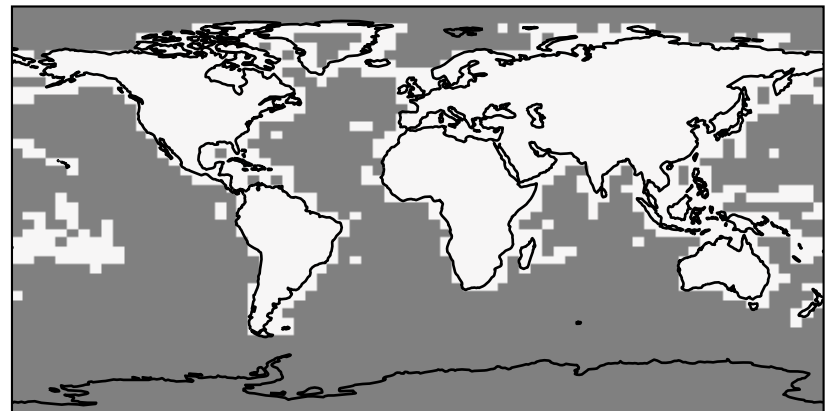
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

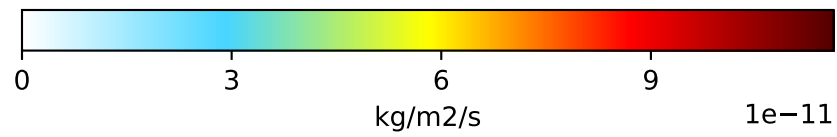
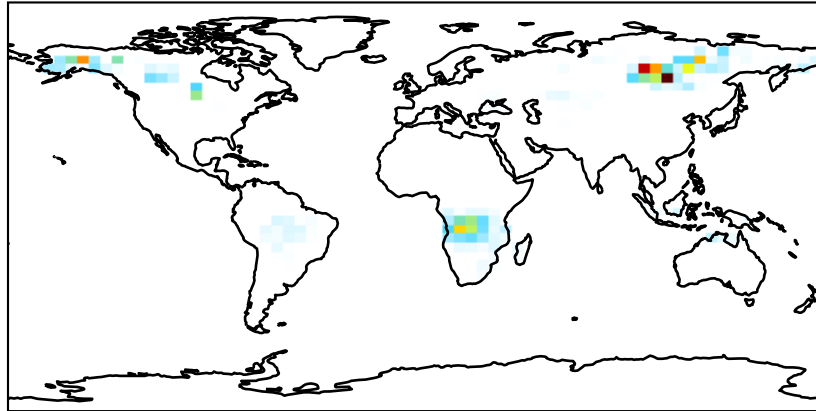


Ratio
Dev/Ref, Fixed Range

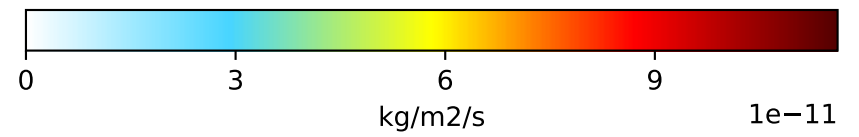
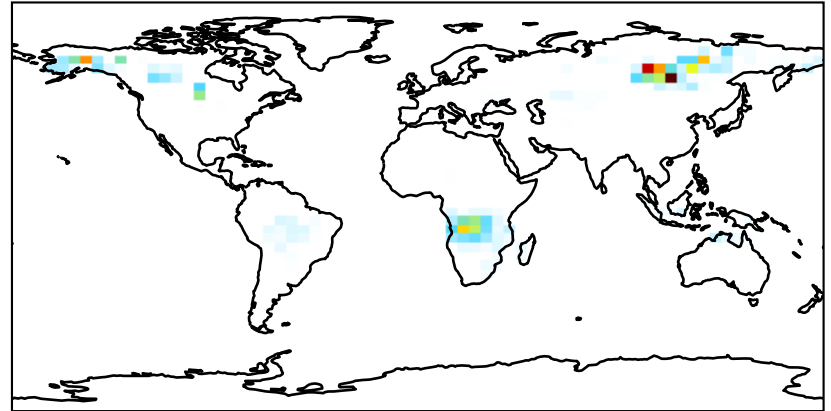


EmisPRPE_BioBurn

GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



GCC_14.2.0_GEOS-FP (Dev)
4.0x5.0



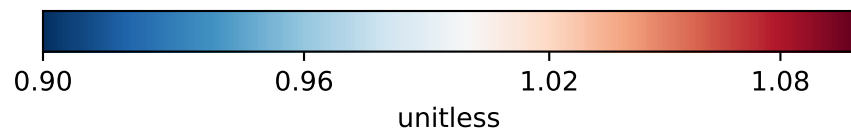
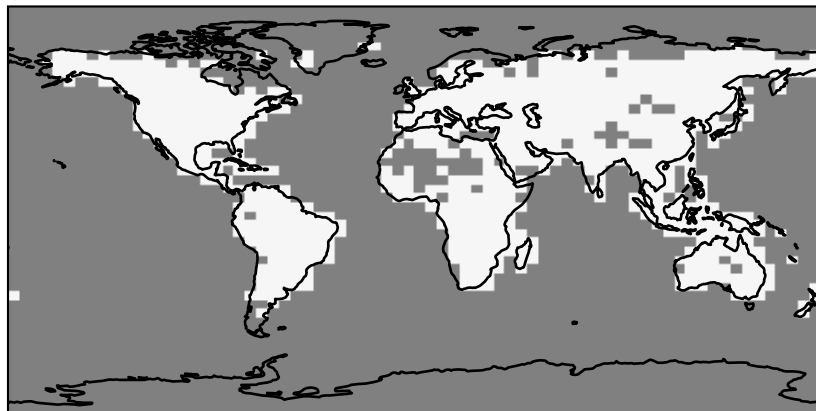
Difference
Dev - Ref, Dynamic Range



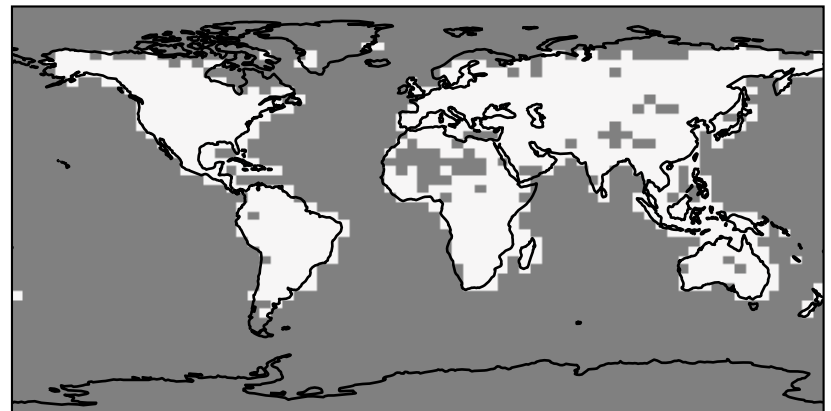
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

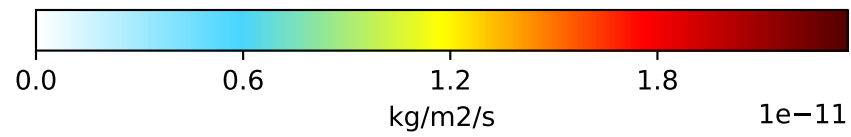
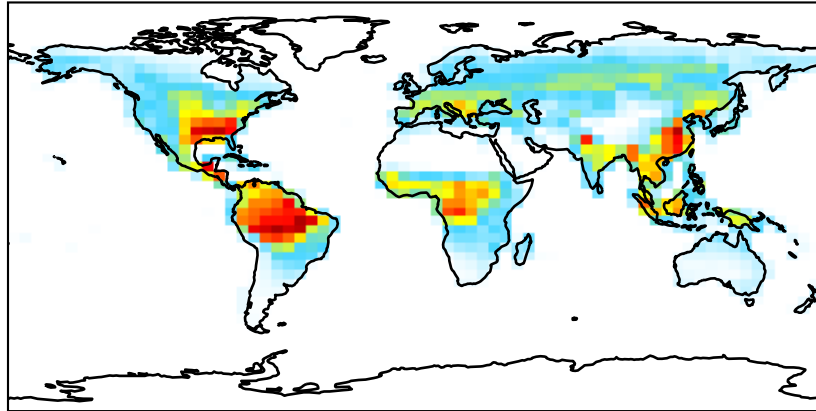


Ratio
Dev/Ref, Fixed Range

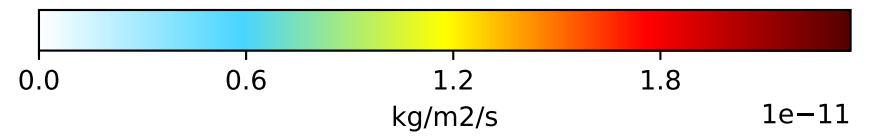
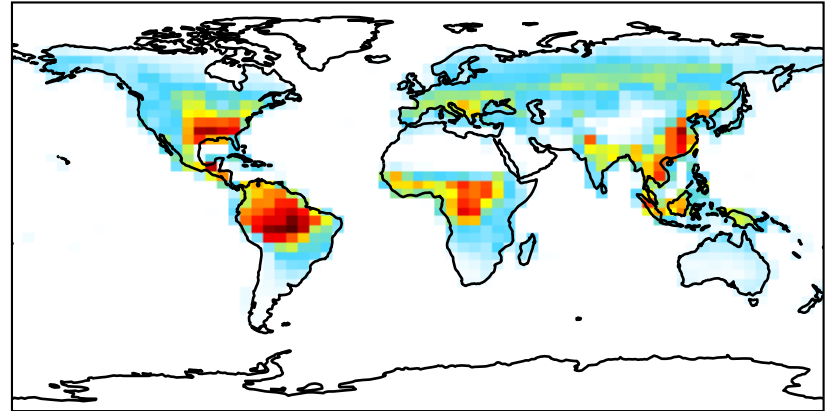


EmisPRPE_Biogenic

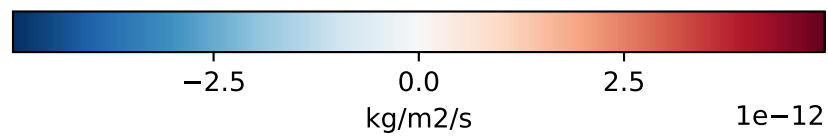
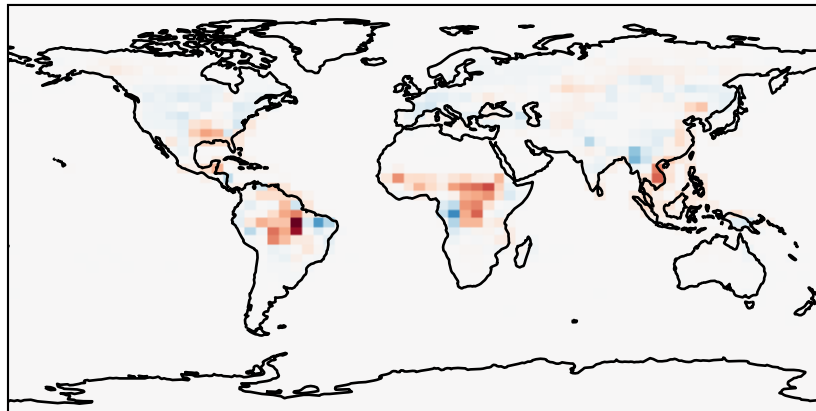
GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



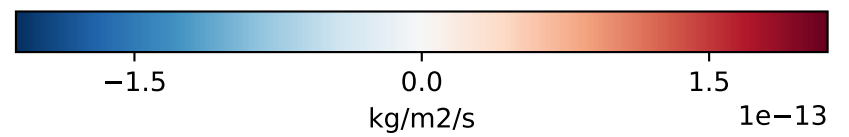
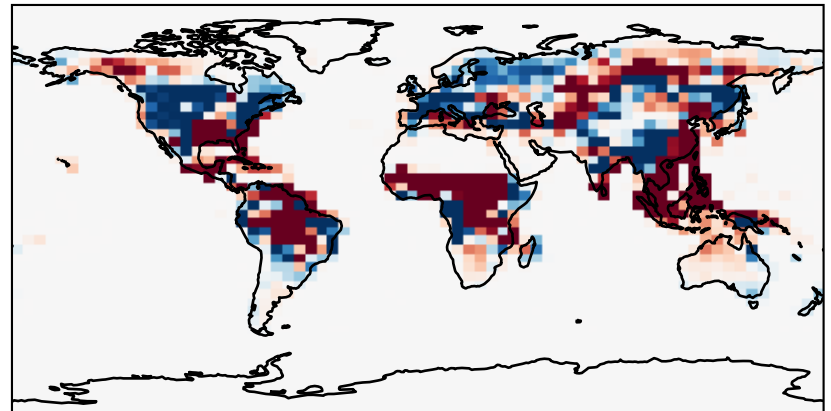
GCC_14.2.0_GEOS-FP (Dev)
4.0x5.0



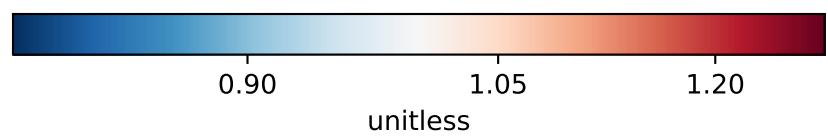
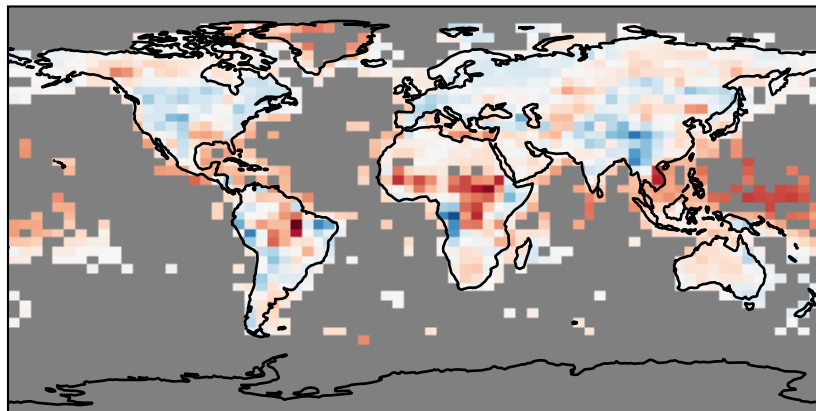
Difference
Dev - Ref, Dynamic Range



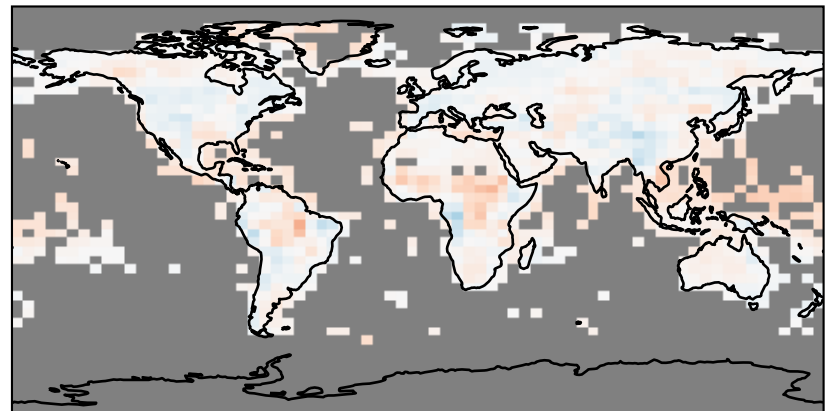
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

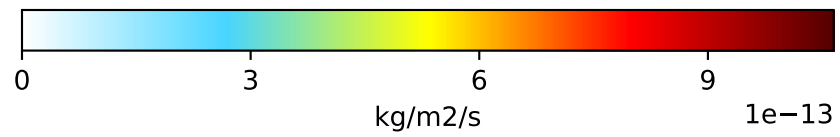
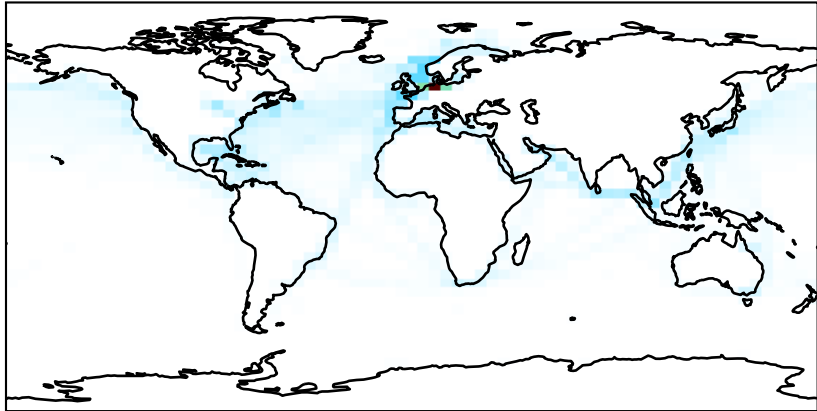


Ratio
Dev/Ref, Fixed Range

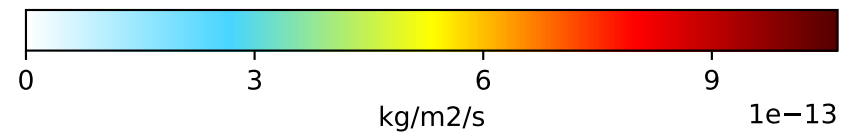
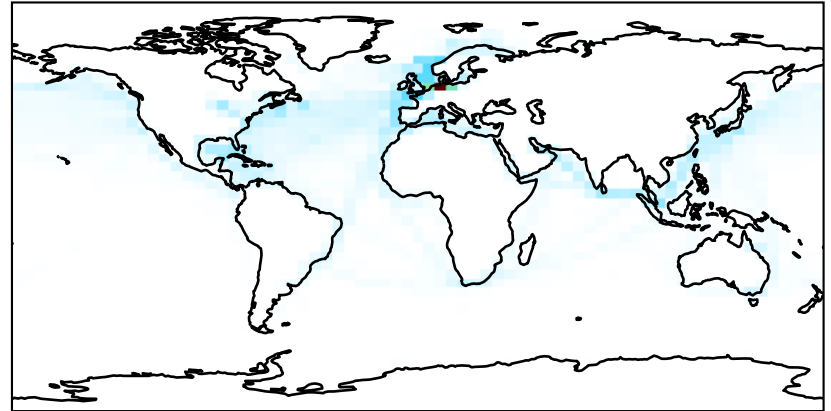


EmisPRPE_Ship

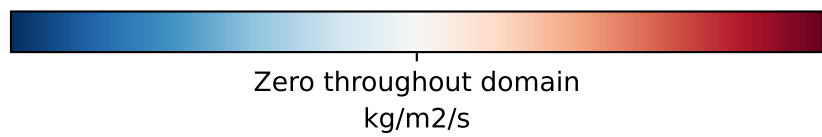
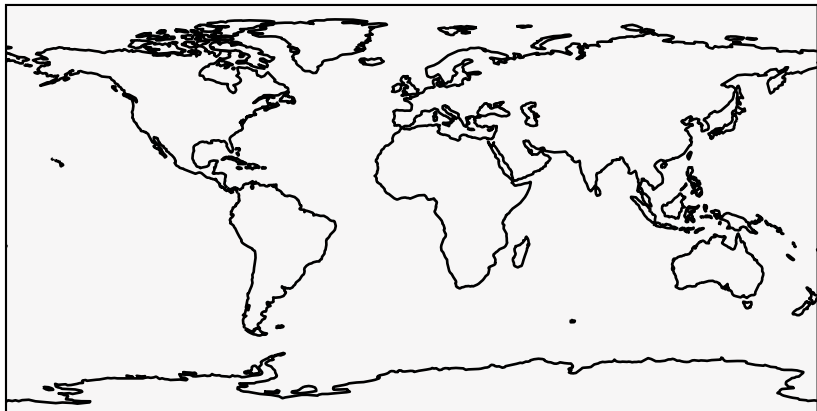
GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



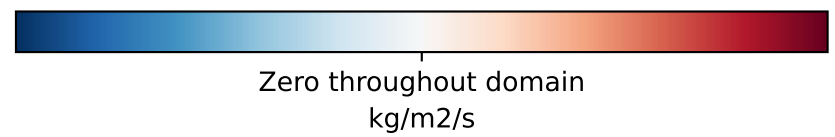
GCC_14.2.0_GEOS-FP (Dev)
4.0x5.0



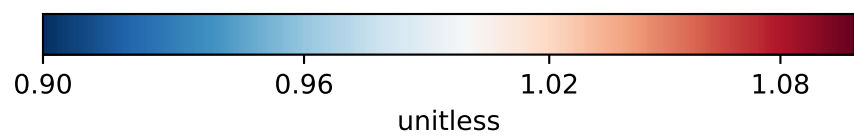
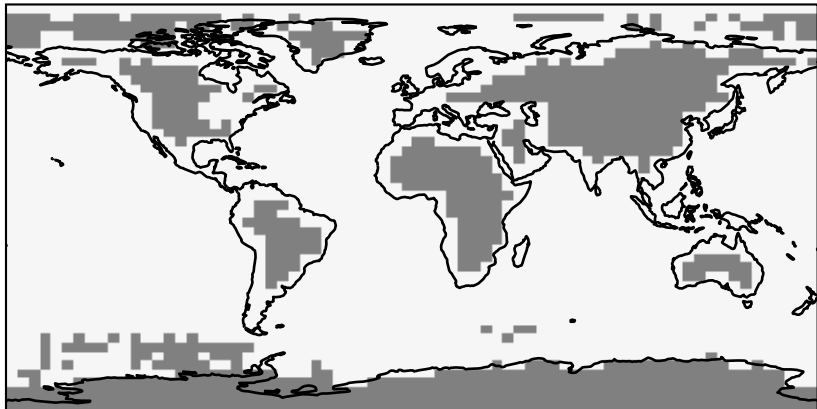
Difference
Dev - Ref, Dynamic Range



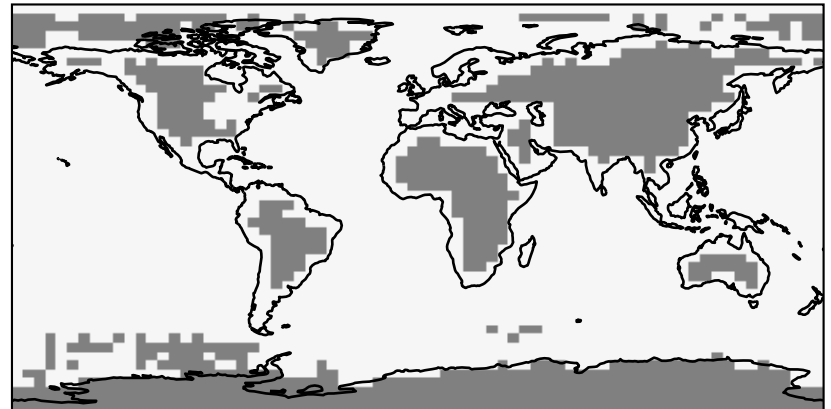
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

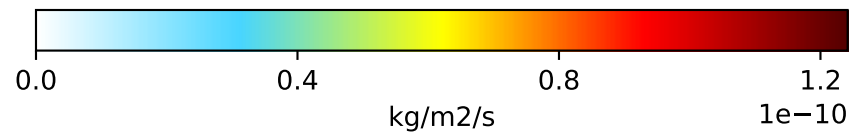
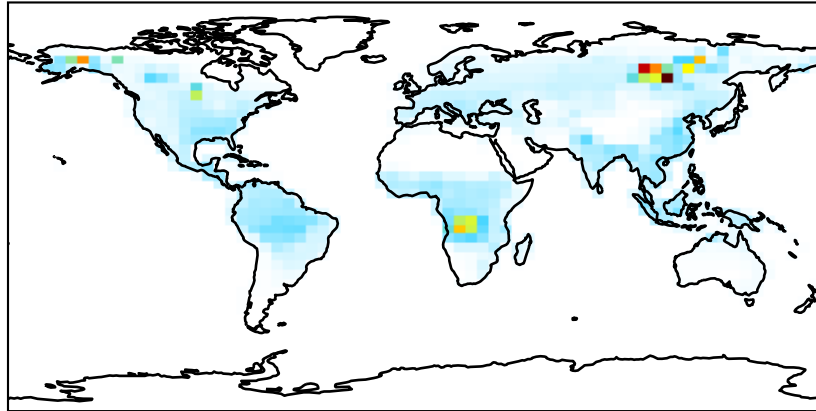


Ratio
Dev/Ref, Fixed Range

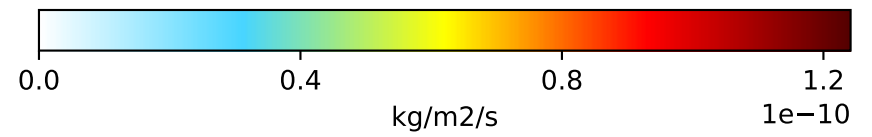
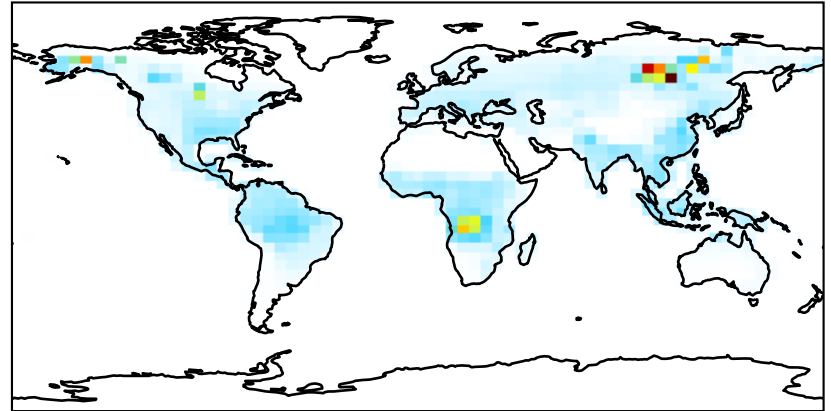


EmisPRPE_Total

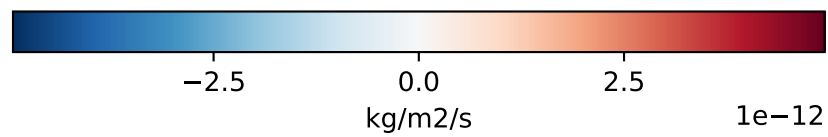
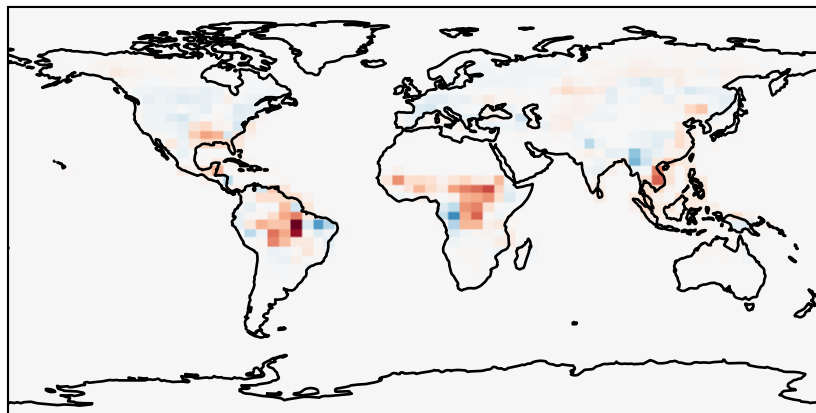
GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



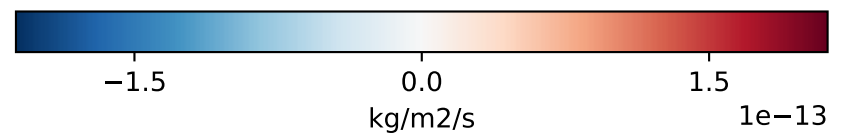
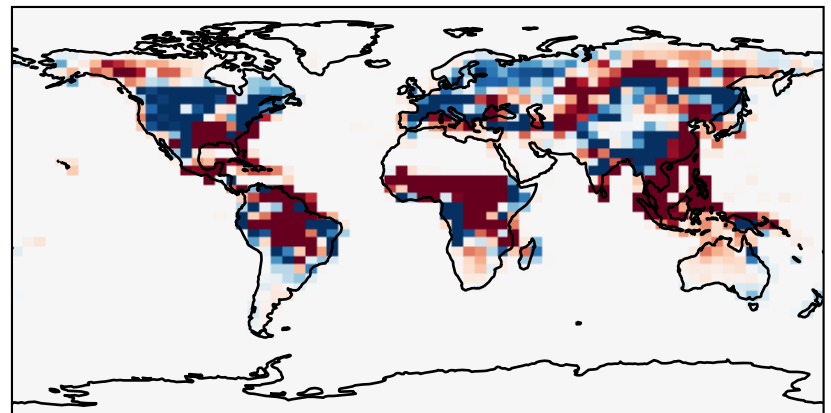
GCC_14.2.0_GEOS-FP (Dev)
4.0x5.0



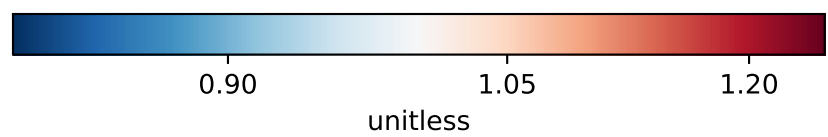
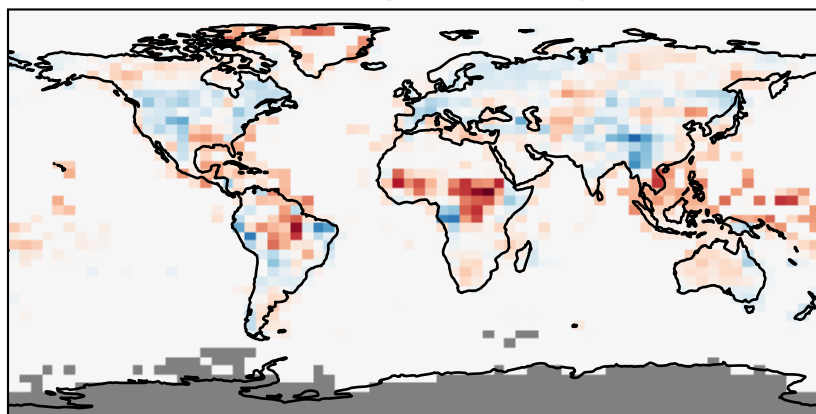
Difference
Dev - Ref, Dynamic Range



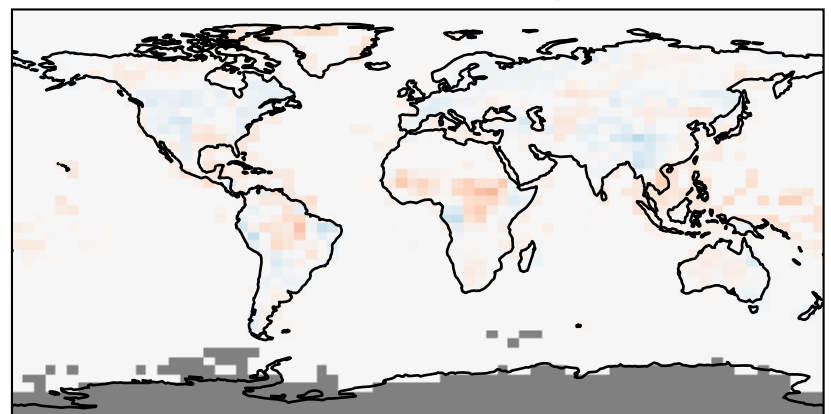
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

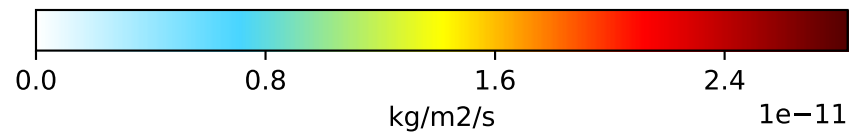
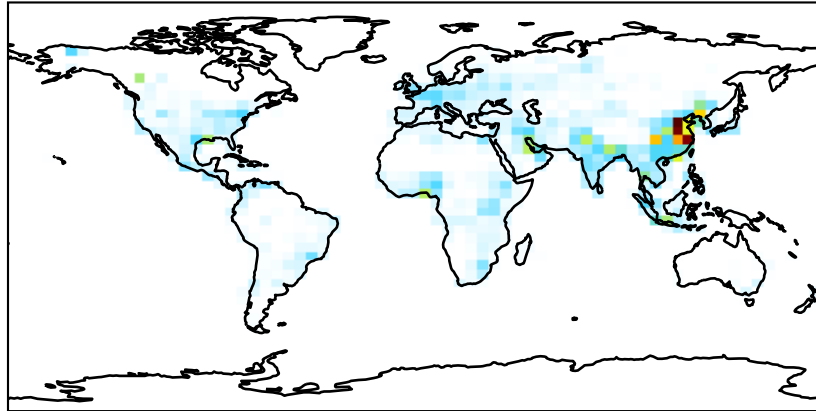


Ratio
Dev/Ref, Fixed Range

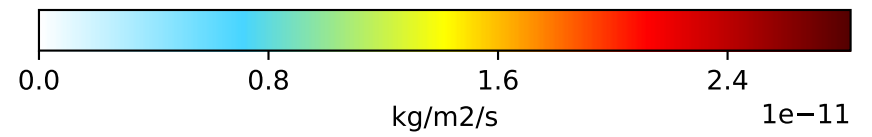
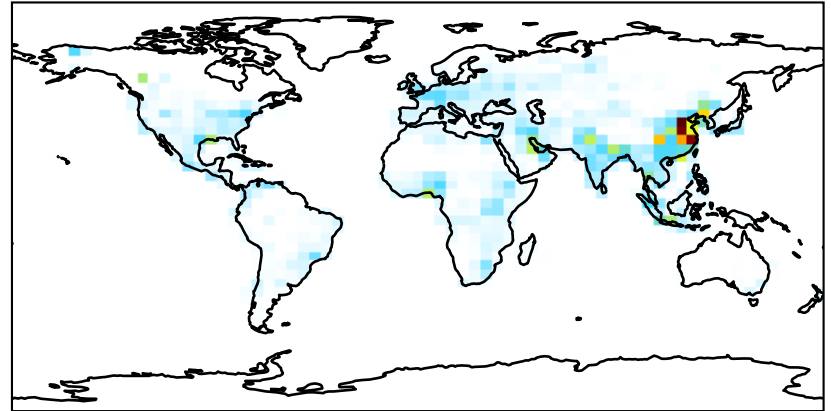


EmisTOLU_Anthro

GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



GCC_14.2.0_GEOS-FP (Dev)
4.0x5.0



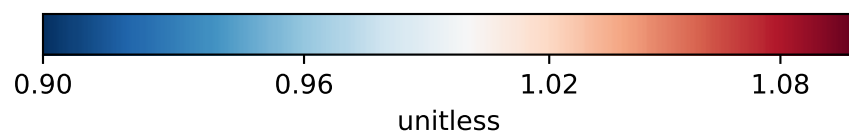
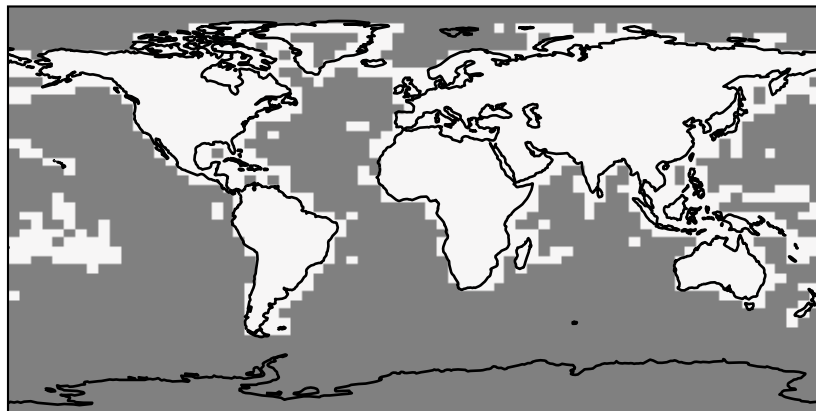
Difference
Dev - Ref, Dynamic Range



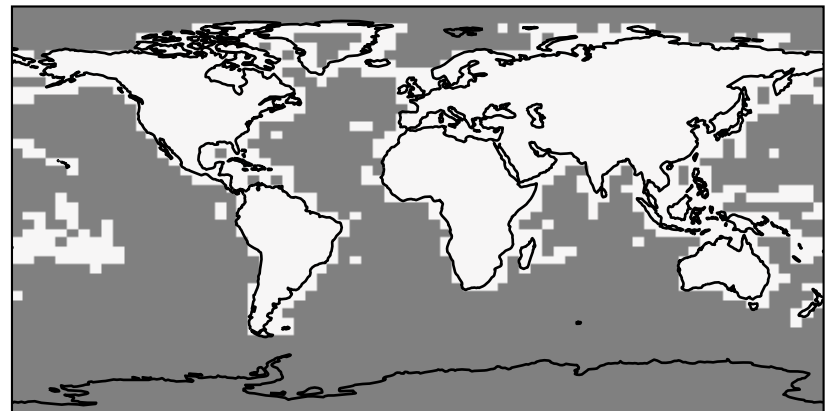
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

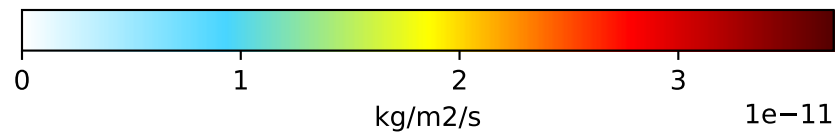
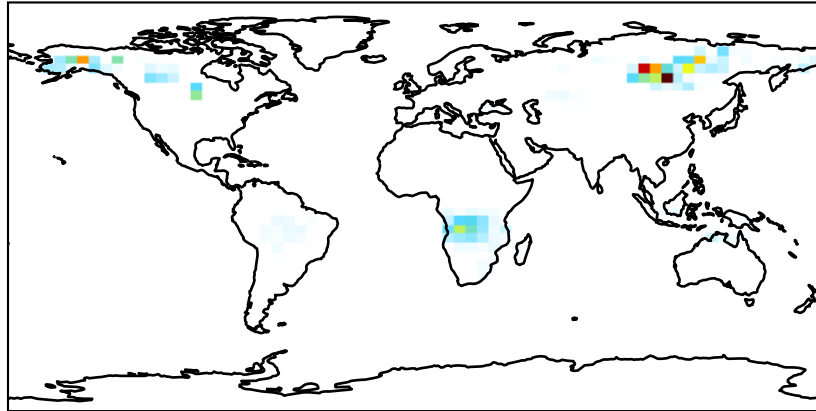


Ratio
Dev/Ref, Fixed Range

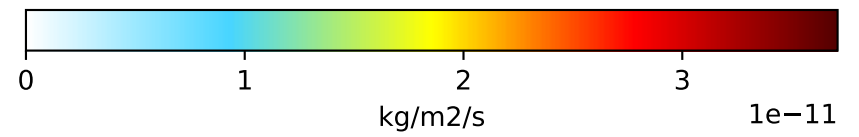
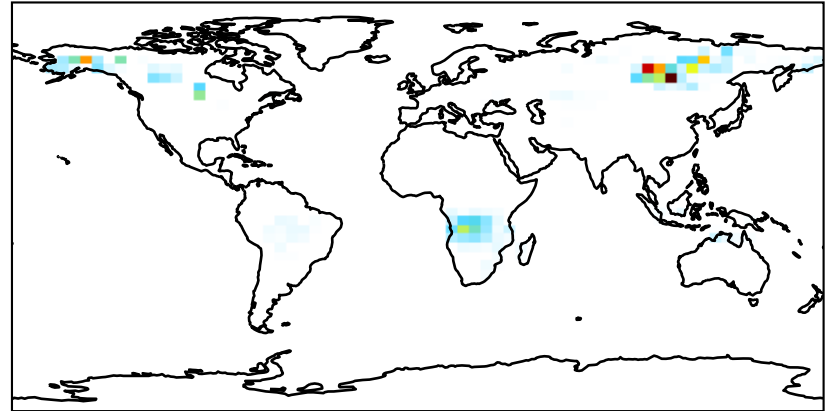


EmisTOLU_BioBurn

GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



GCC_14.2.0_GEOS-FP (Dev)
4.0x5.0



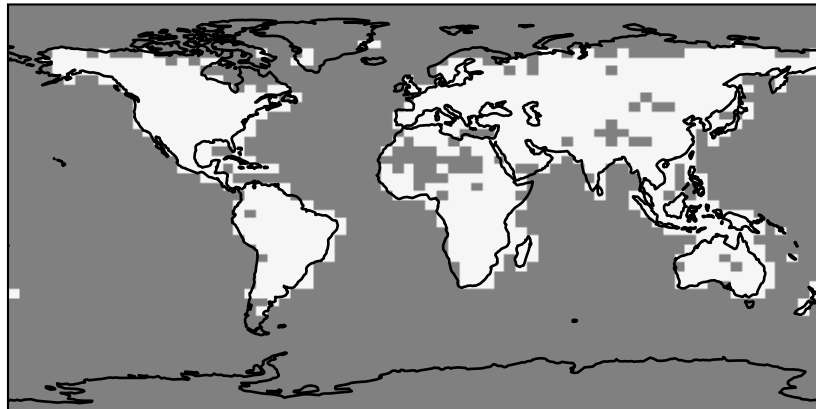
Difference
Dev - Ref, Dynamic Range



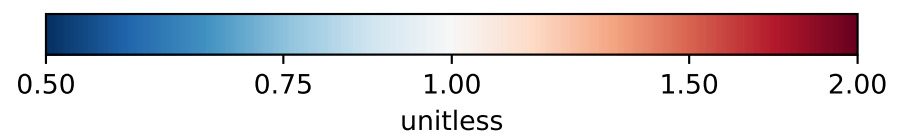
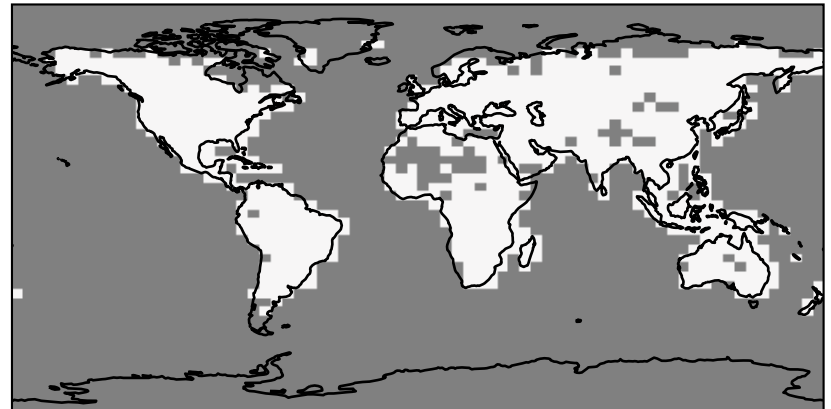
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

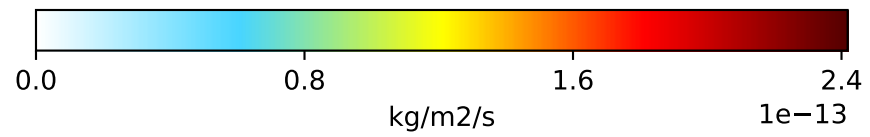
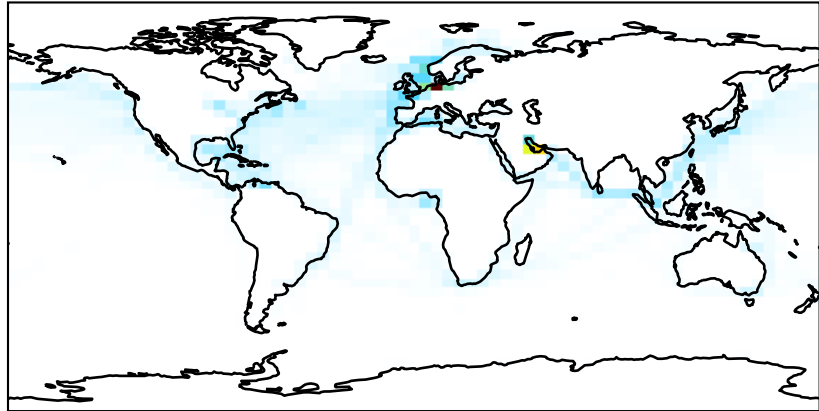


Ratio
Dev/Ref, Fixed Range

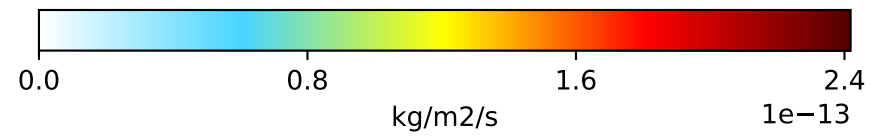
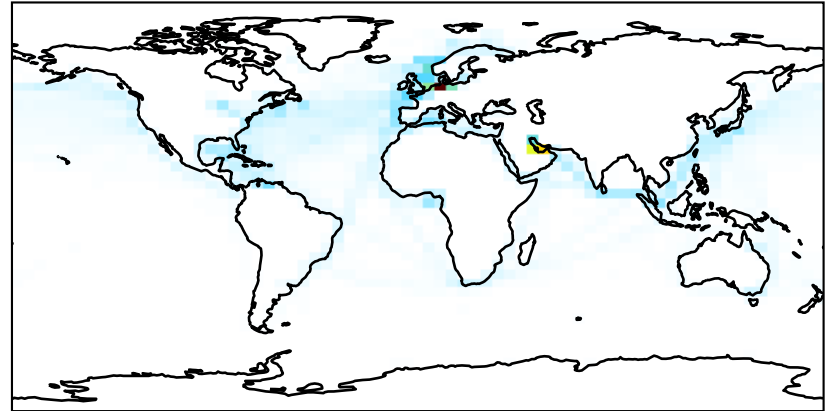


EmisTOLU_Ship

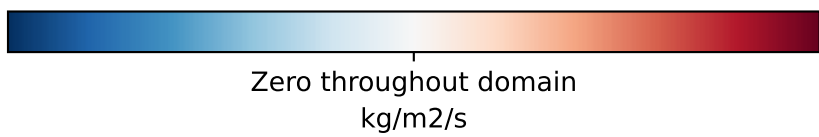
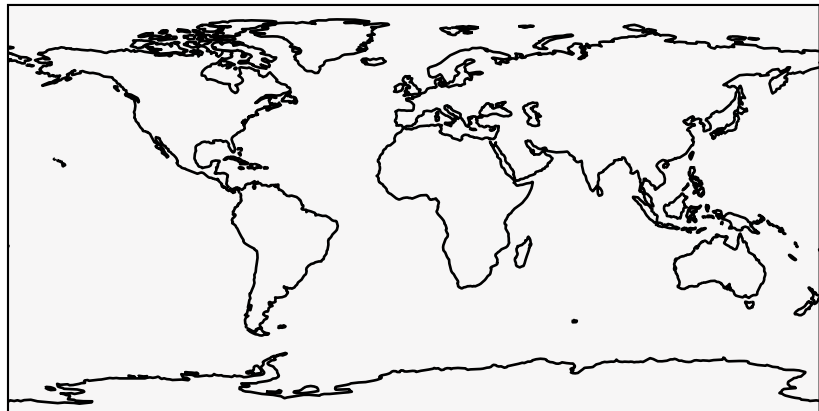
GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



GCC_14.2.0_GEOS-FP (Dev)
4.0x5.0



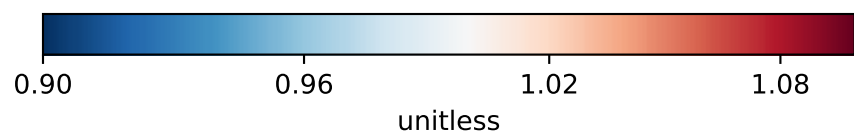
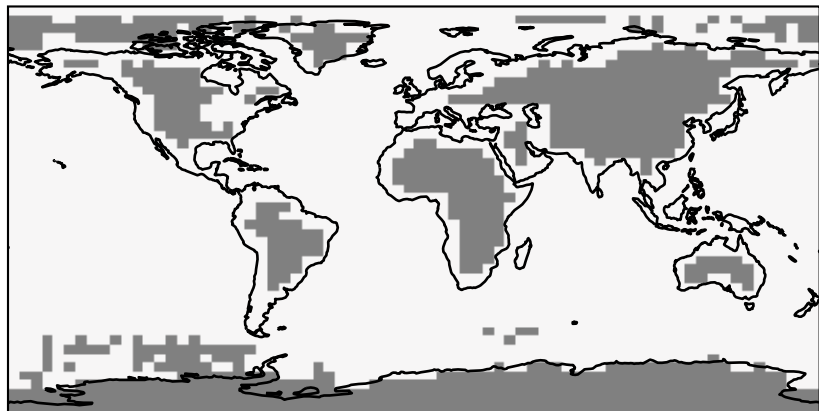
Difference
Dev - Ref, Dynamic Range



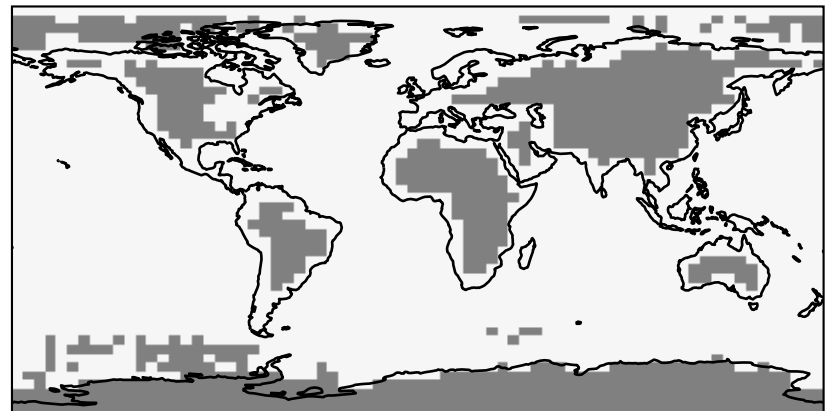
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

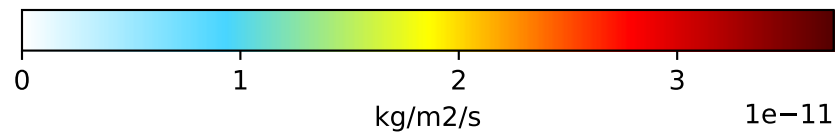
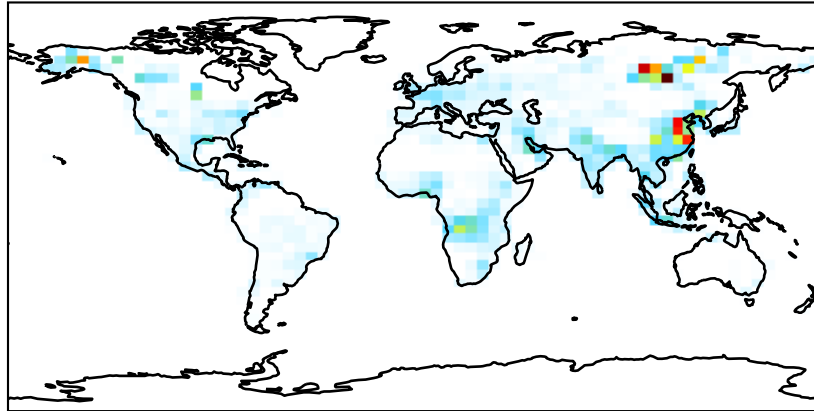


Ratio
Dev/Ref, Fixed Range

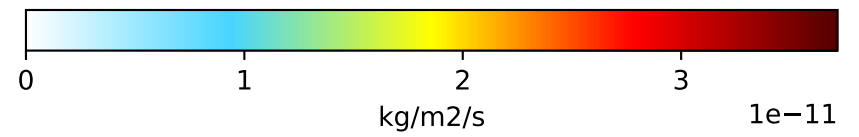
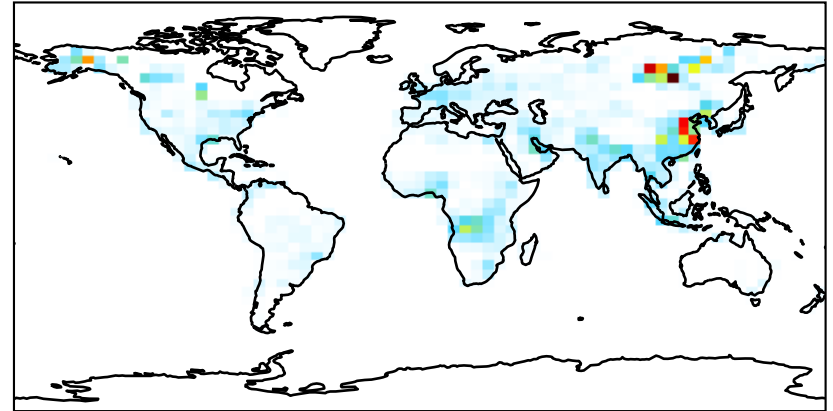


EmisTOLU_Total

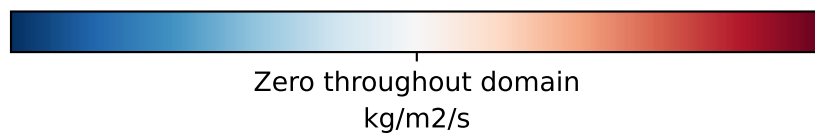
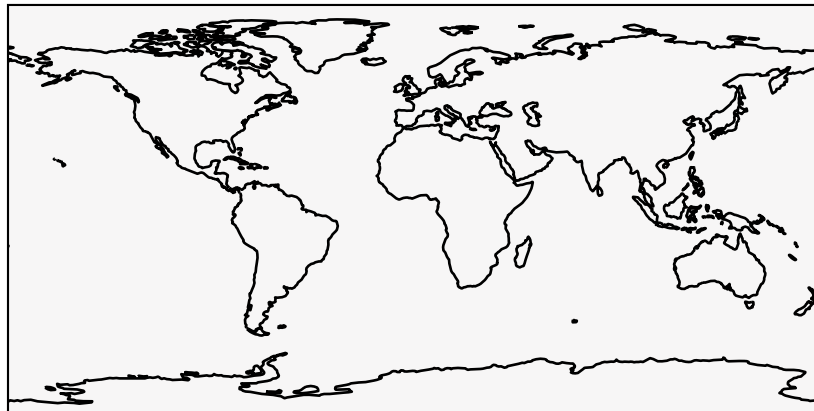
GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



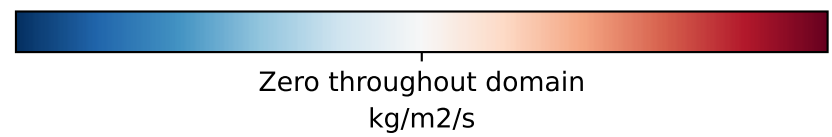
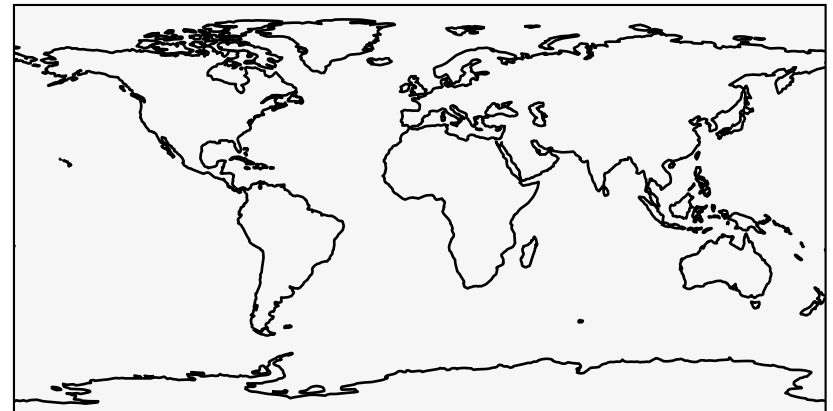
GCC_14.2.0_GEOS-FP (Dev)
4.0x5.0



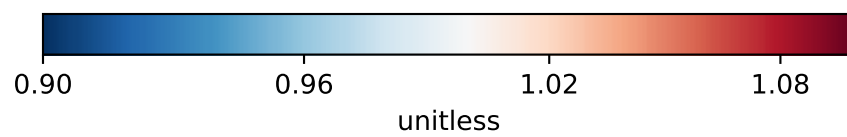
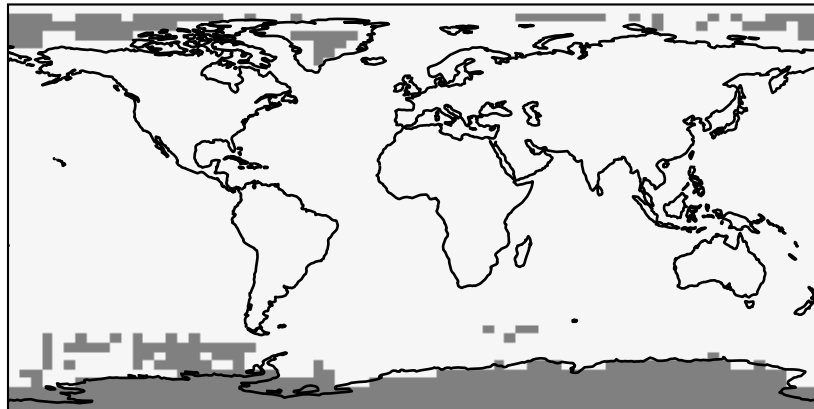
Difference
Dev - Ref, Dynamic Range



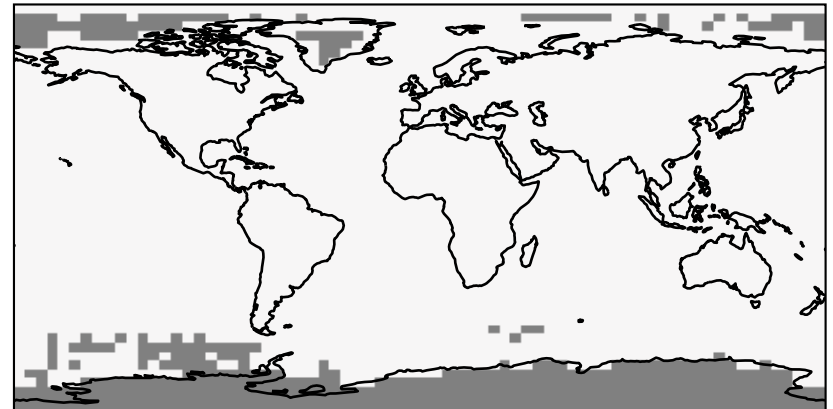
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

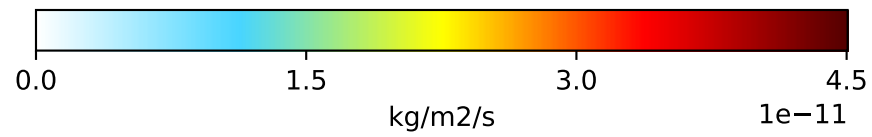
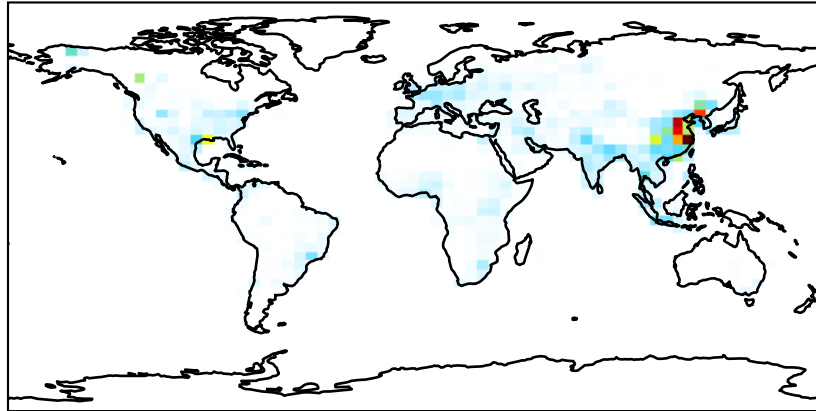


Ratio
Dev/Ref, Fixed Range

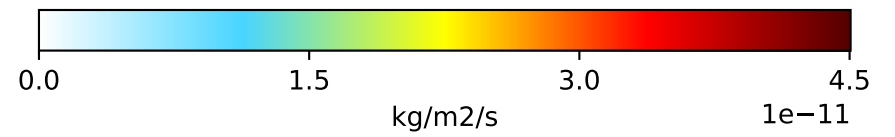
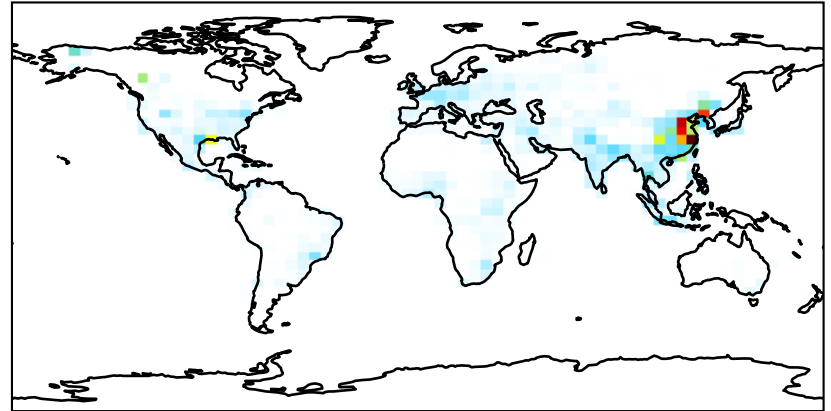


EmisXYLE_Anthro

GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



GCC_14.2.0_GEOS-FP (Dev)
4.0x5.0



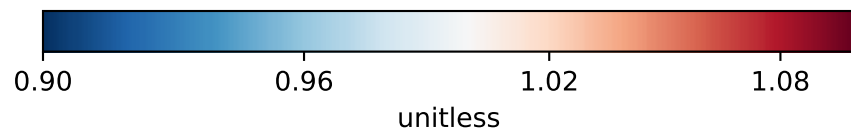
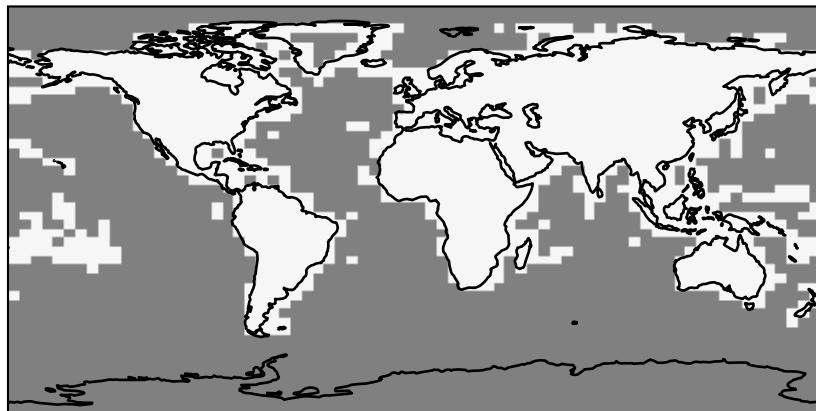
Difference
Dev - Ref, Dynamic Range



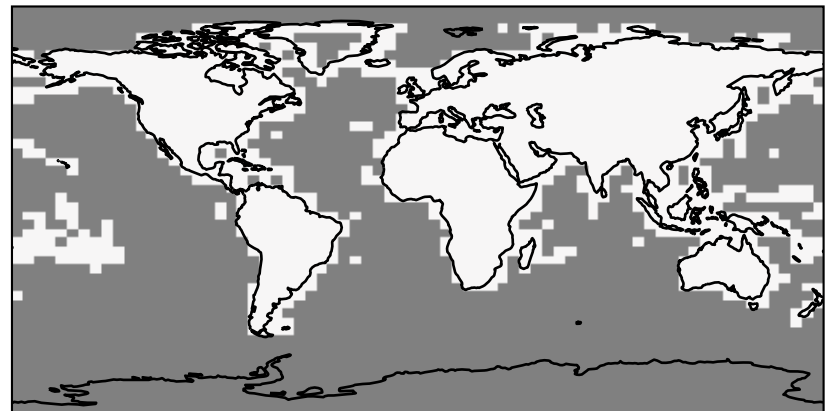
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

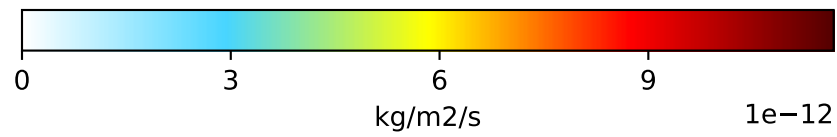
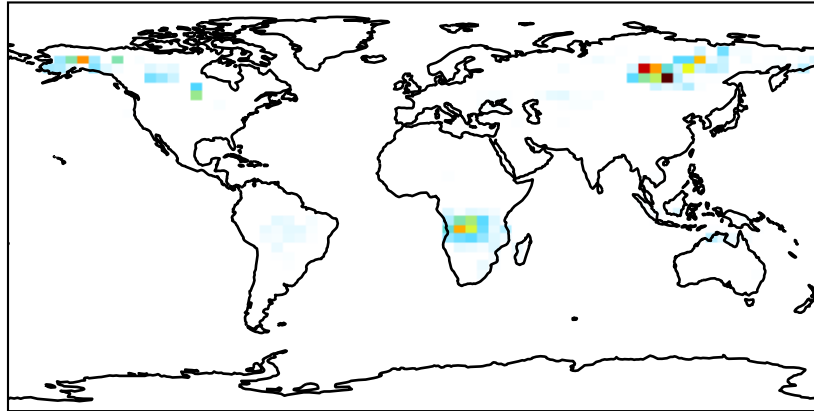


Ratio
Dev/Ref, Fixed Range

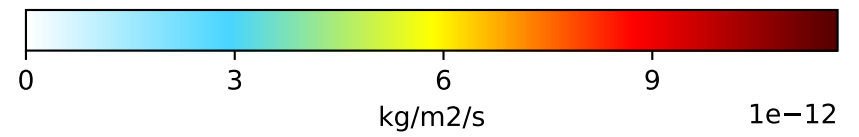
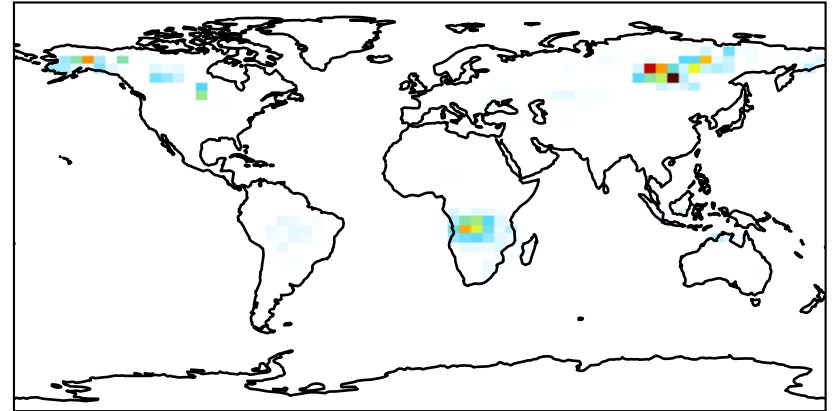


EmisXYLE_BioBurn

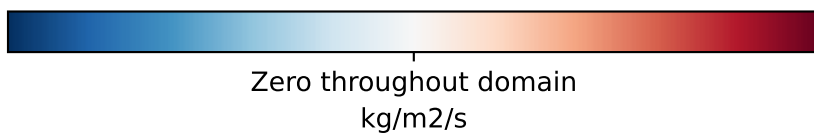
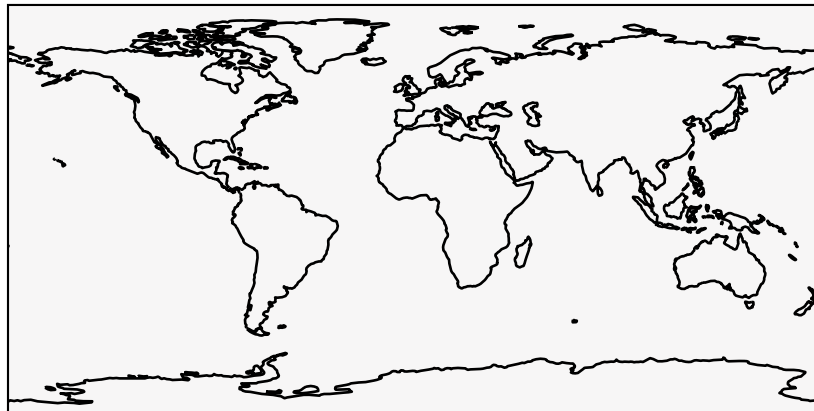
GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



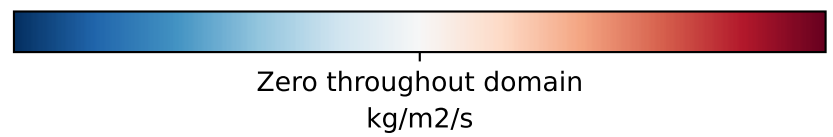
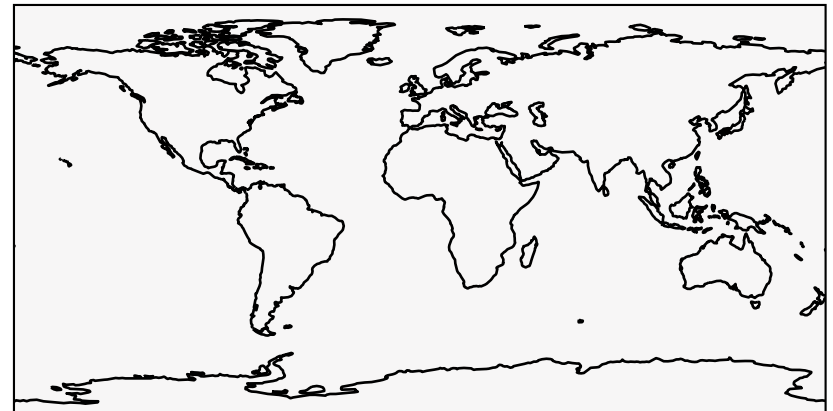
GCC_14.2.0_GEOS-FP (Dev)
4.0x5.0



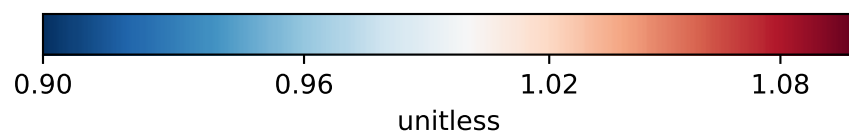
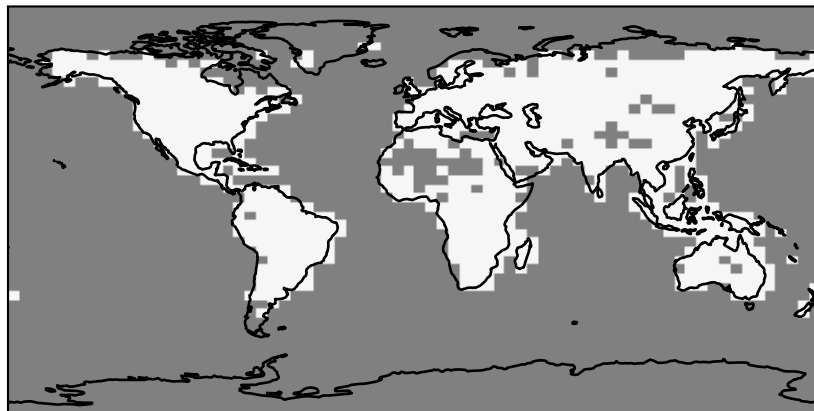
Difference
Dev - Ref, Dynamic Range



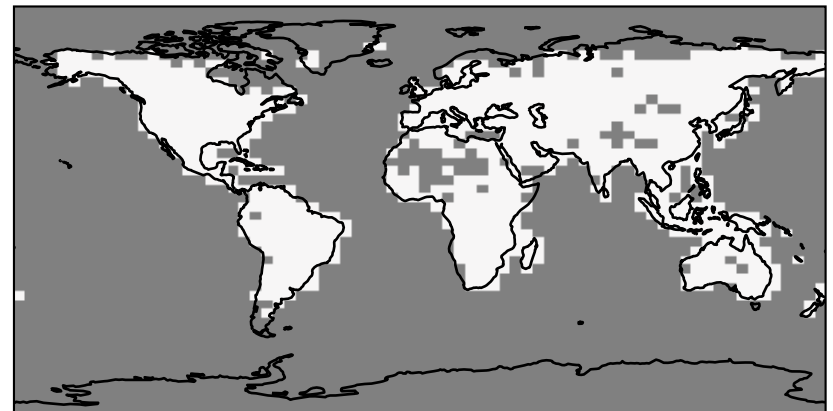
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

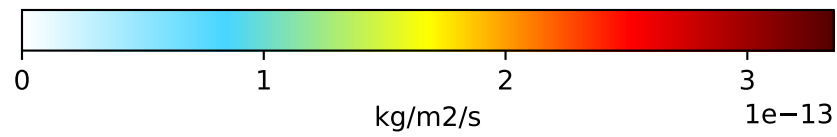
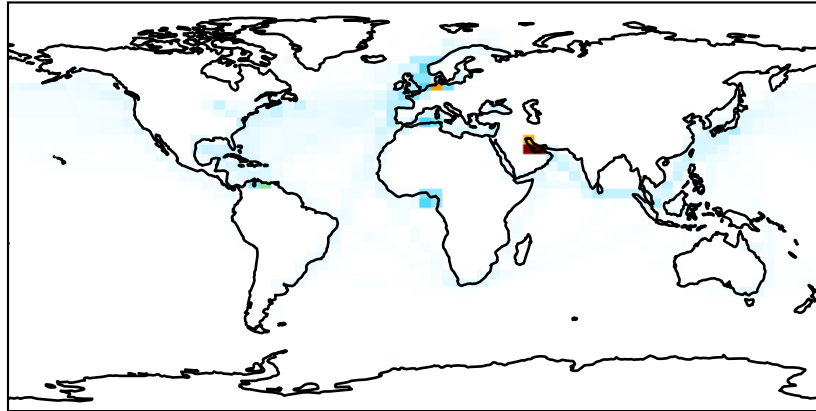


Ratio
Dev/Ref, Fixed Range

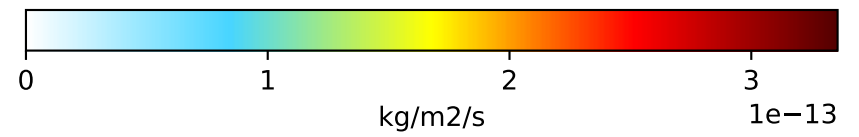
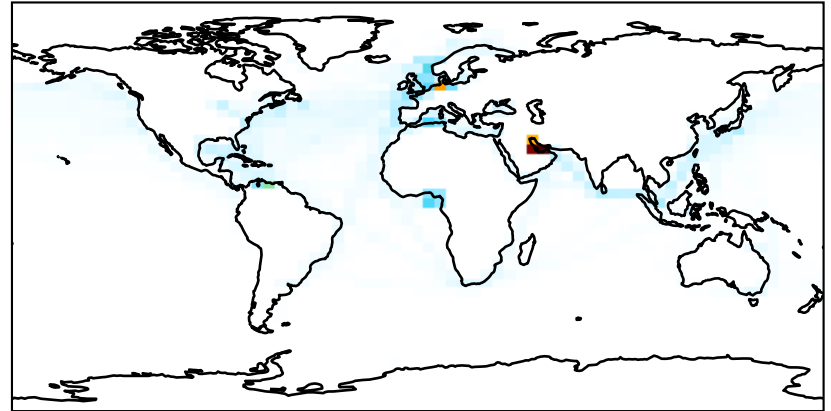


EmisXYLE_Ship

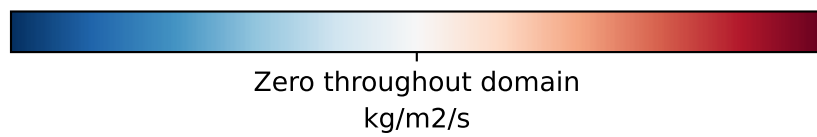
GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



GCC_14.2.0_GEOS-FP (Dev)
4.0x5.0



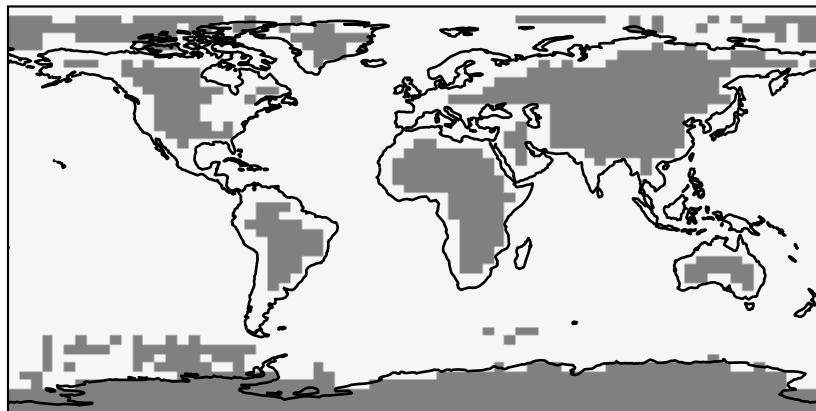
Difference
Dev - Ref, Dynamic Range



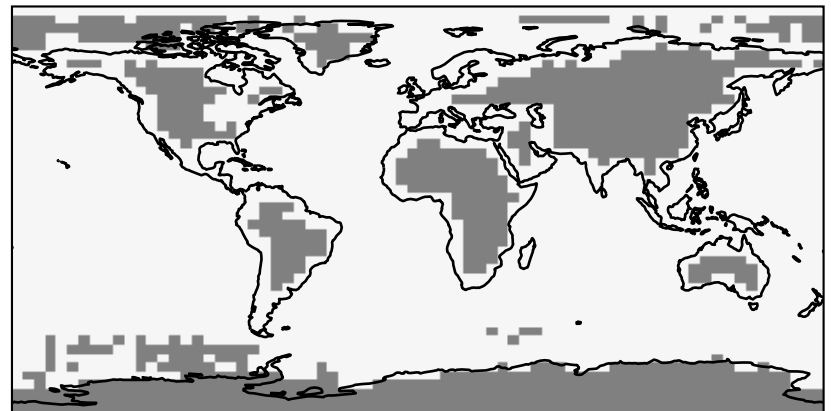
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

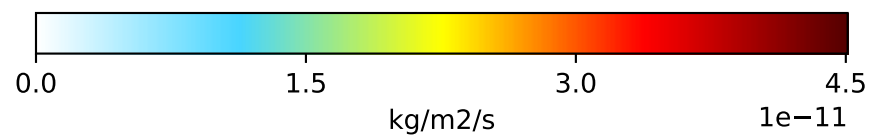
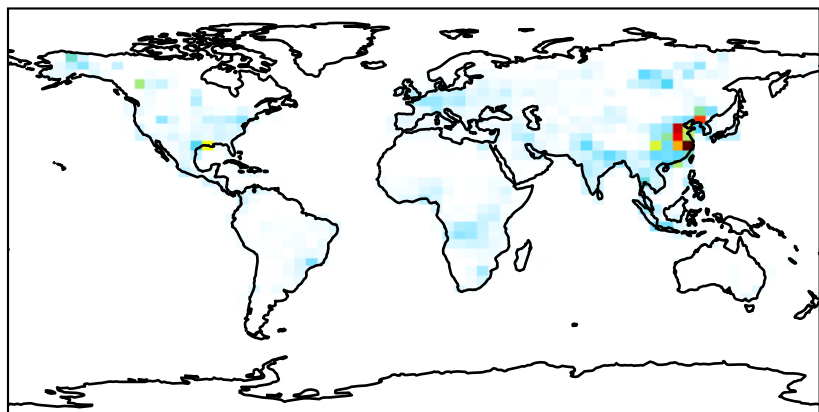


Ratio
Dev/Ref, Fixed Range

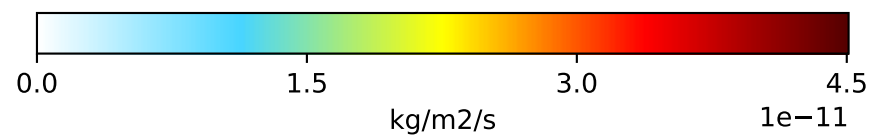
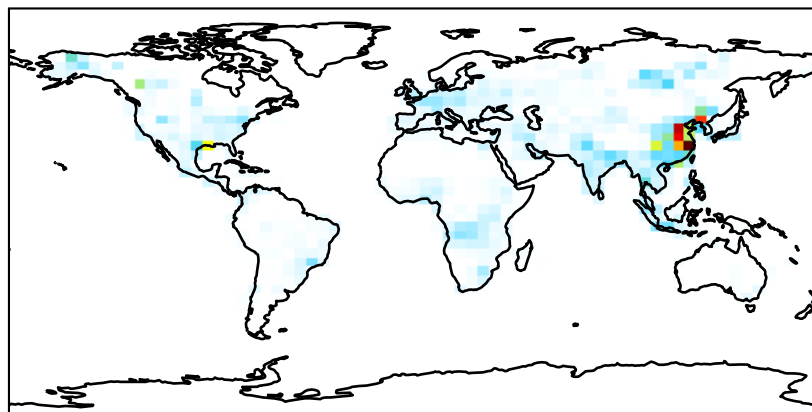


EmisXYLE_Total

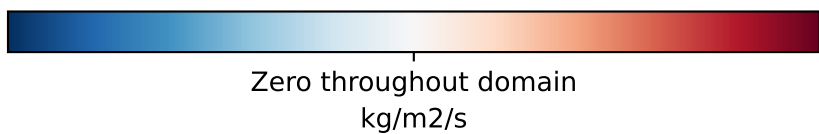
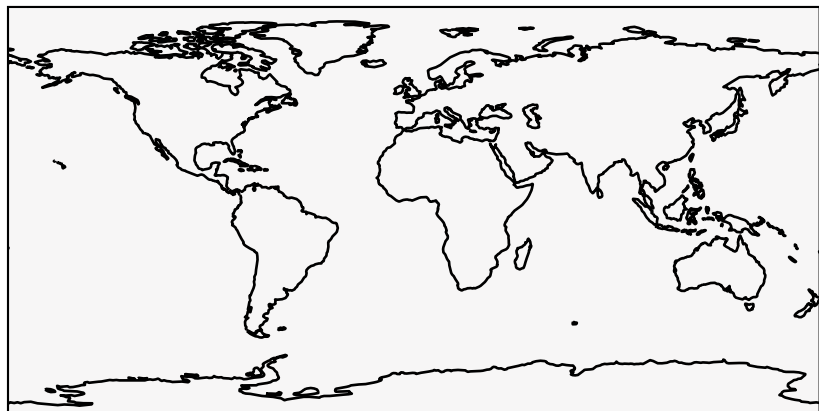
GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



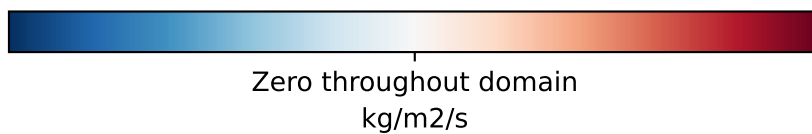
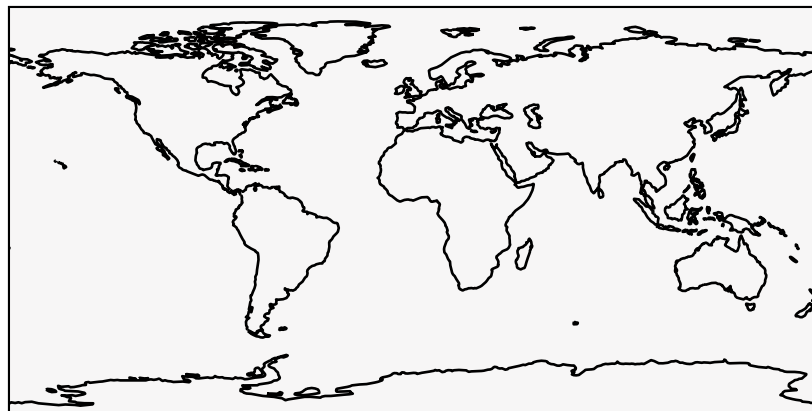
GCC_14.2.0_GEOS-FP (Dev)
4.0x5.0



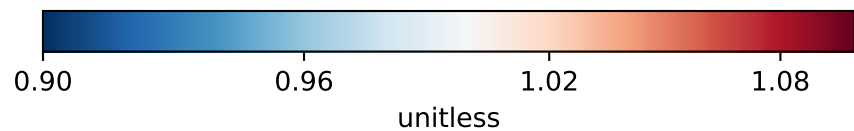
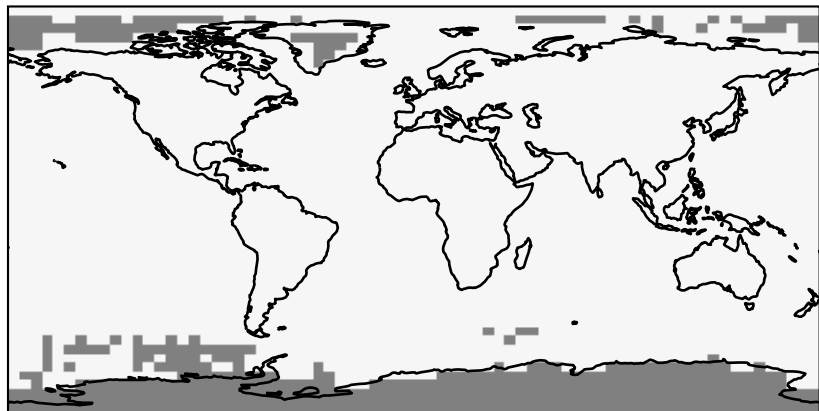
Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

