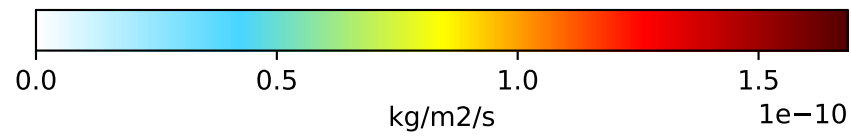
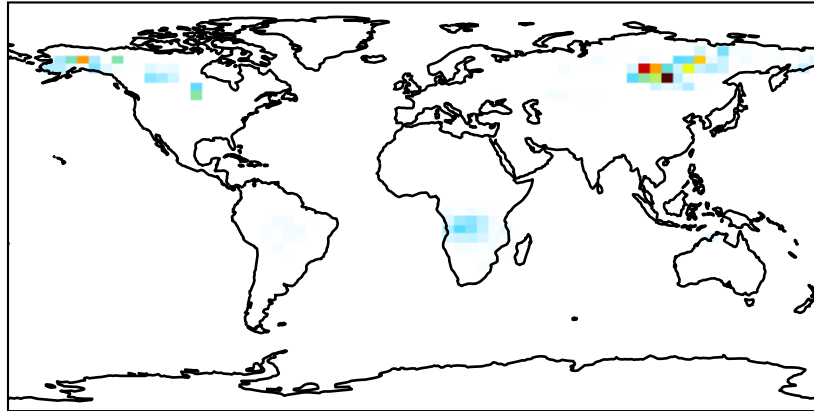
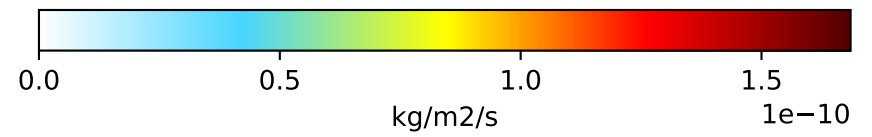
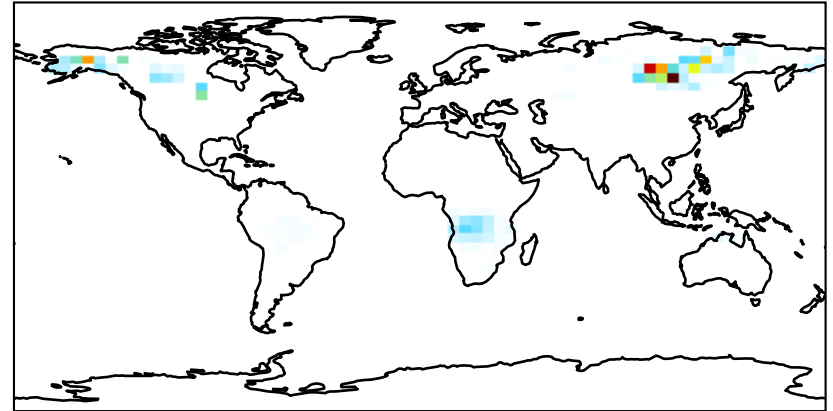


EmisACET_BioBurn

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



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



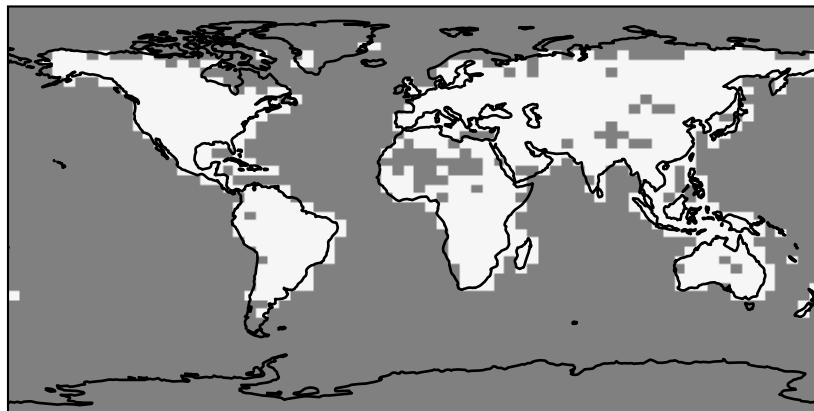
Difference
Dev - Ref, Dynamic Range



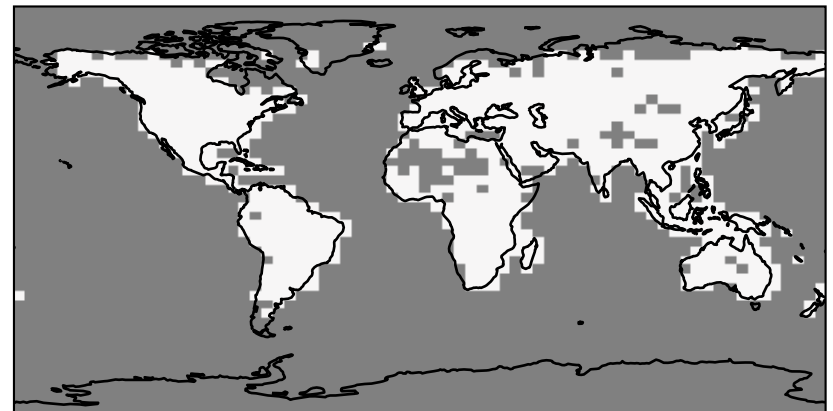
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

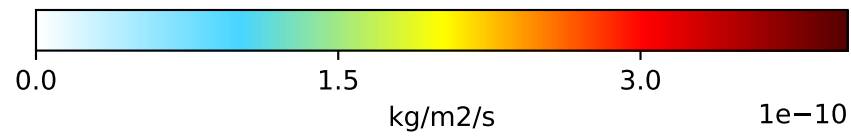
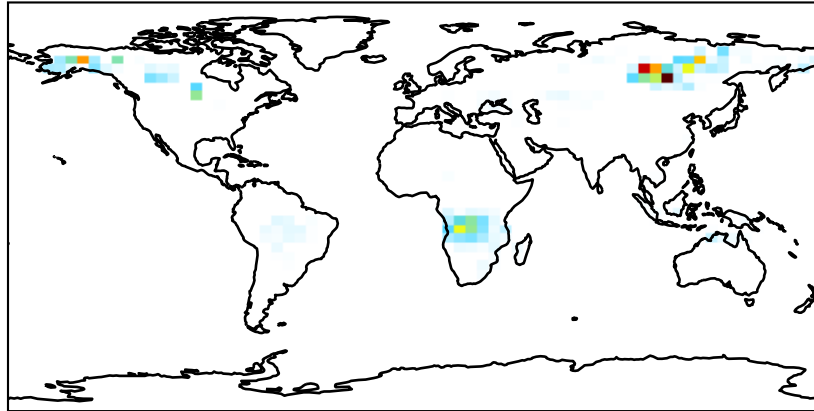


Ratio
Dev/Ref, Fixed Range

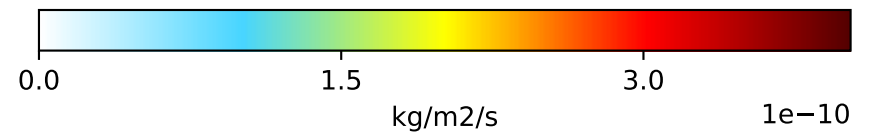
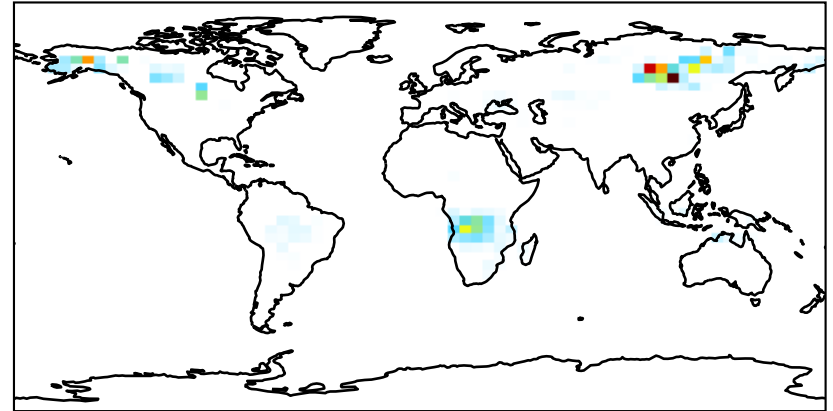


EmisACTA_BioBurn

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



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



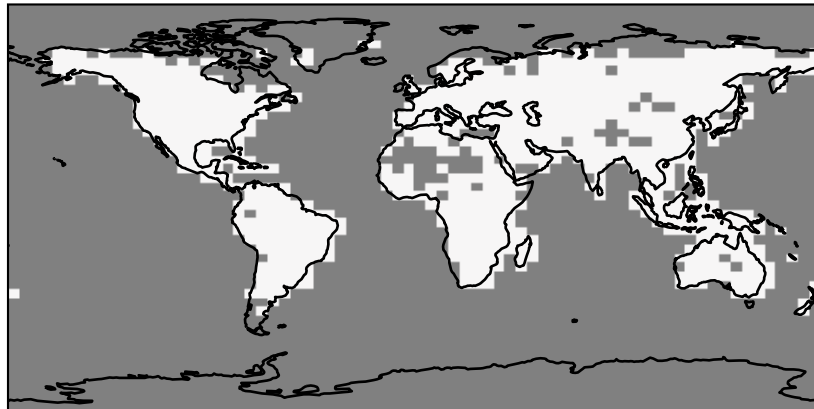
Difference
Dev - Ref, Dynamic Range



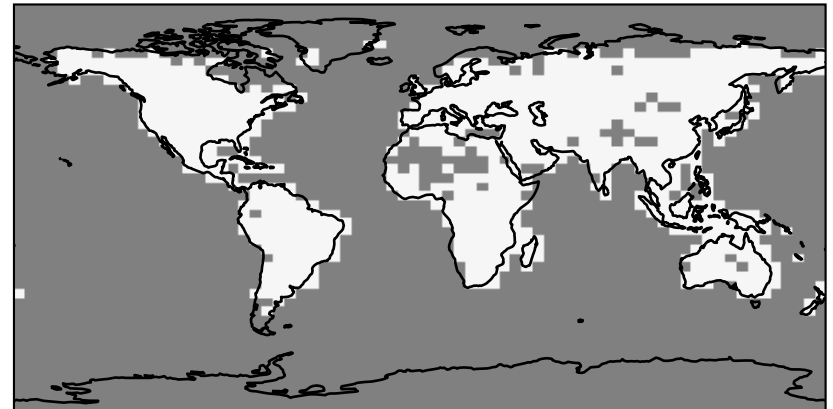
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

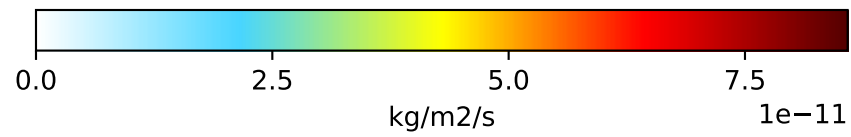
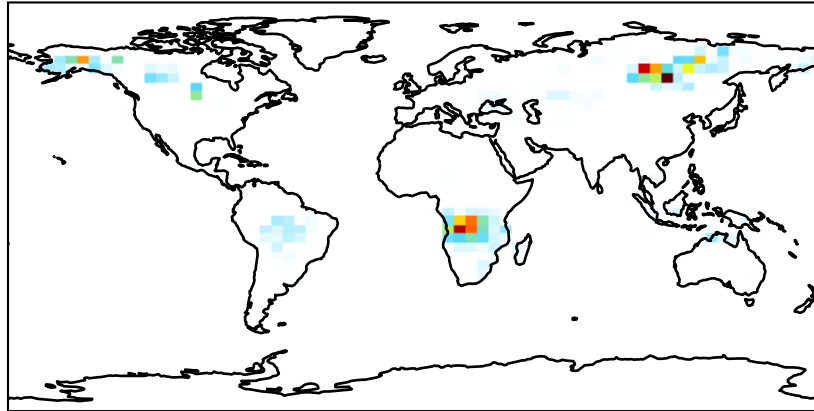


Ratio
Dev/Ref, Fixed Range

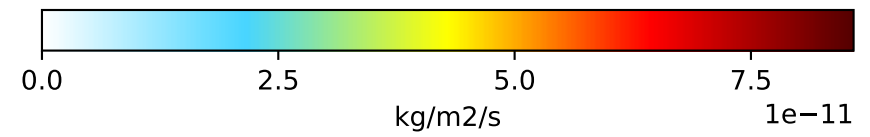
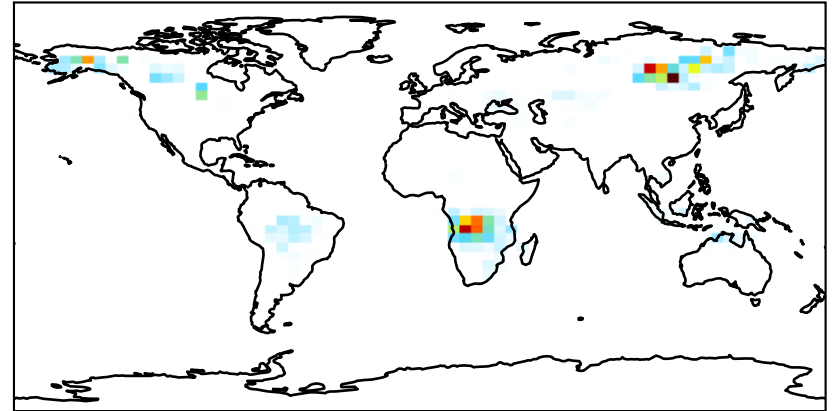


EmisALD2_BioBurn

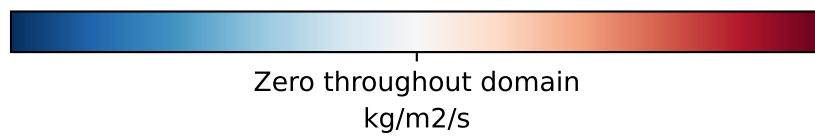
GCC_14.2.0_GEOS-FP (Ref)
4.0x5.0



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



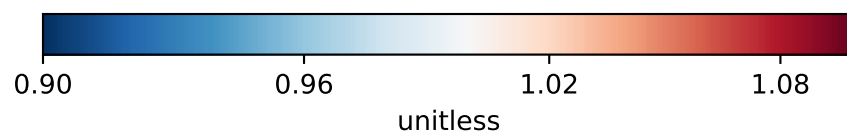
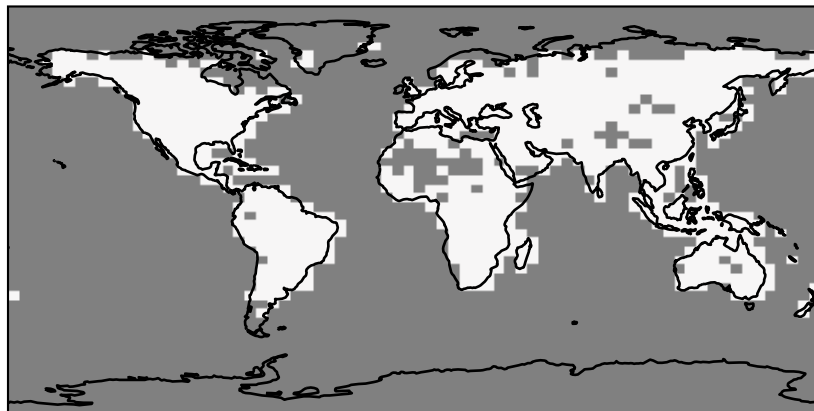
Difference
Dev - Ref, Dynamic Range



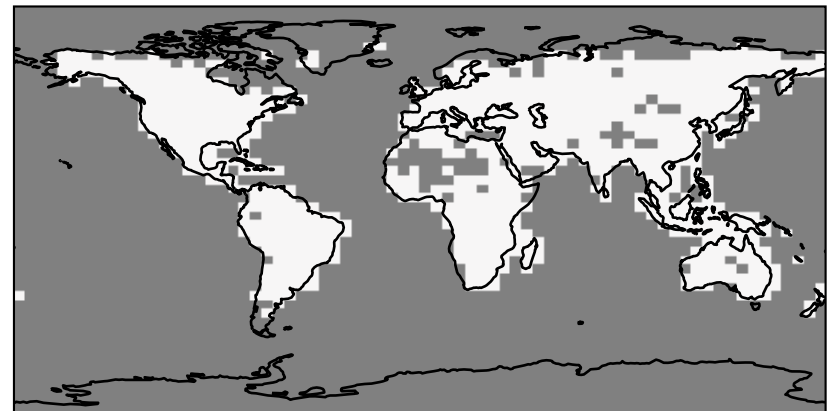
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

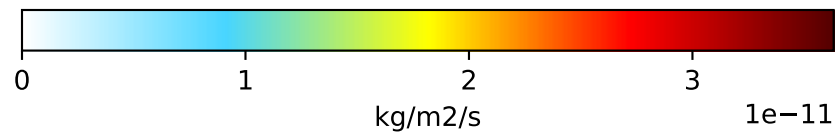
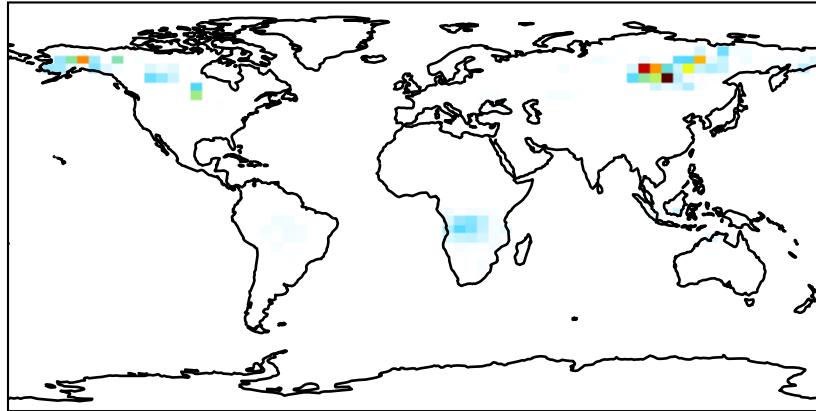


Ratio
Dev/Ref, Fixed Range

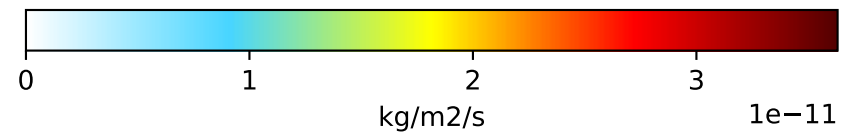
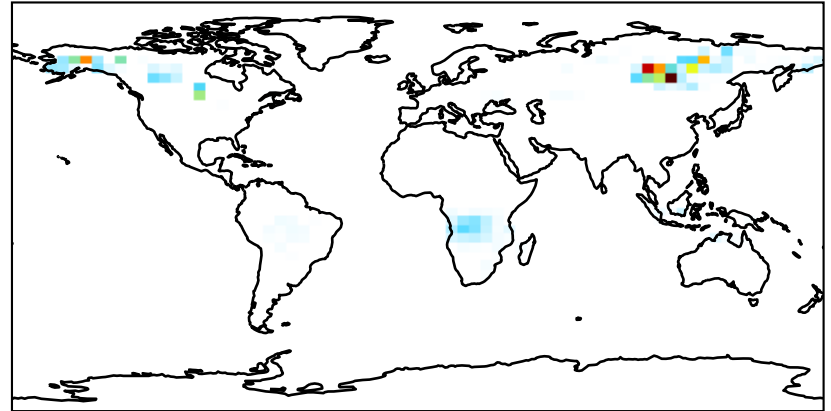


EmisALK4_BioBurn

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



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



Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range

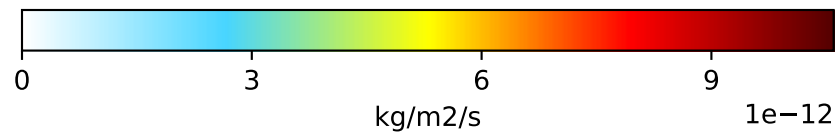
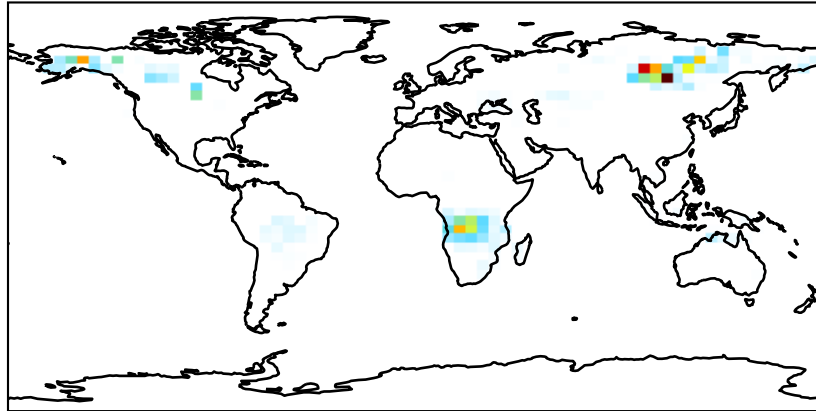


Ratio
Dev/Ref, Fixed Range

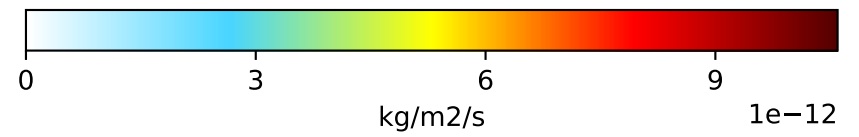
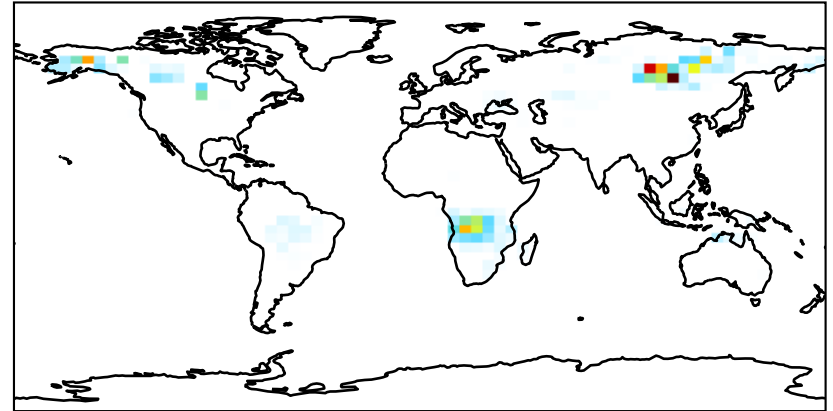


EmisBCPI_BioBurn

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



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



Difference
Dev - Ref, Dynamic Range



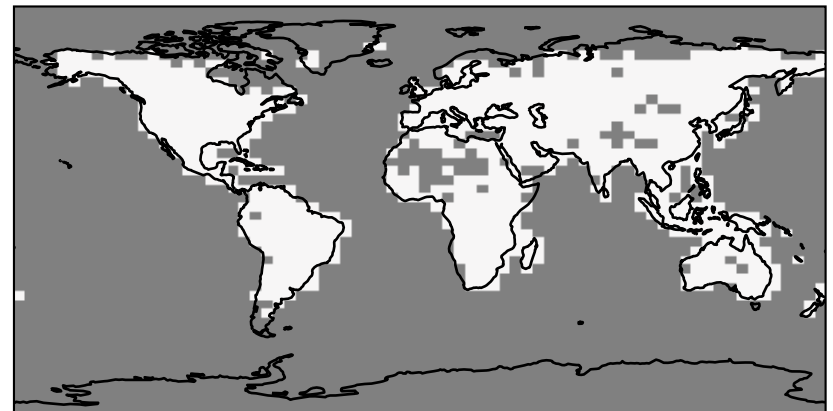
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

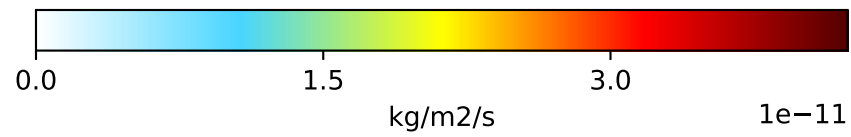
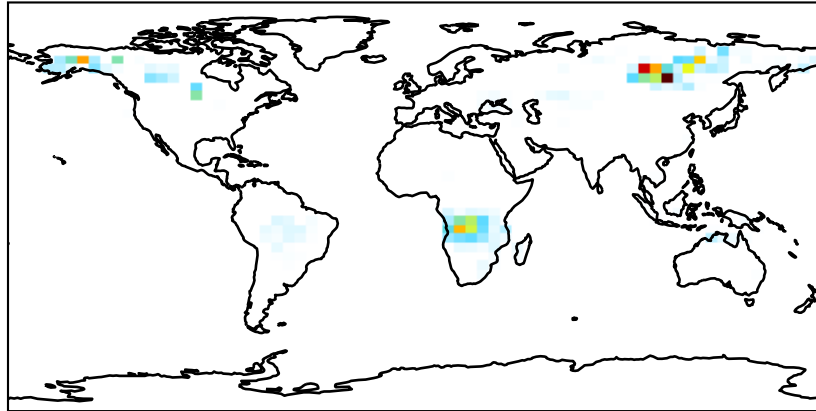


Ratio
Dev/Ref, Fixed Range

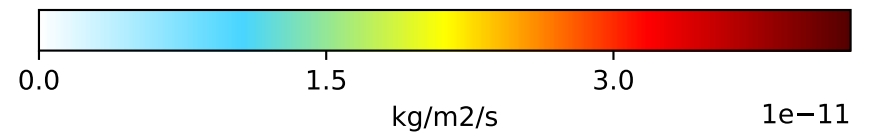
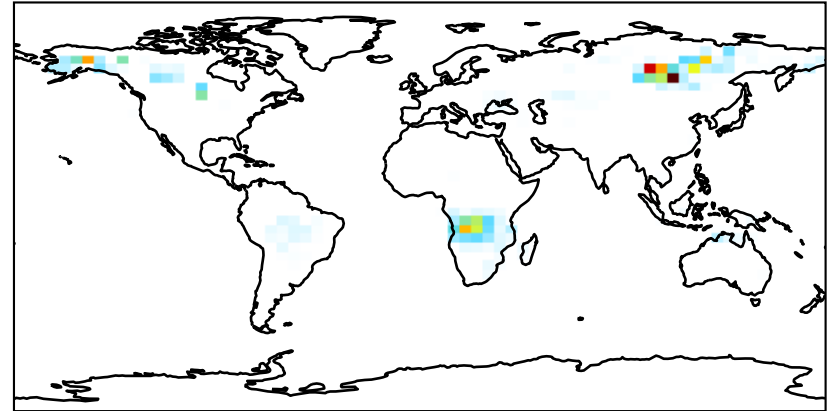


EmisBCPO_BioBurn

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



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



Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range

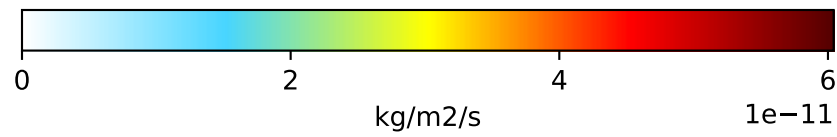
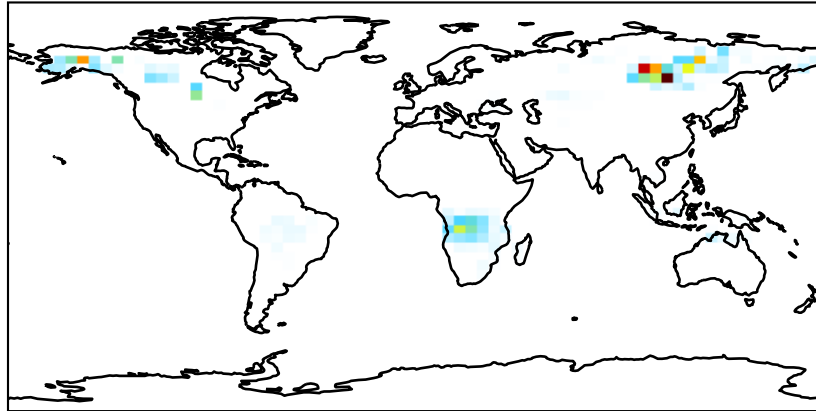


Ratio
Dev/Ref, Fixed Range

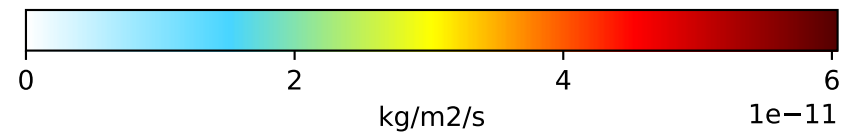
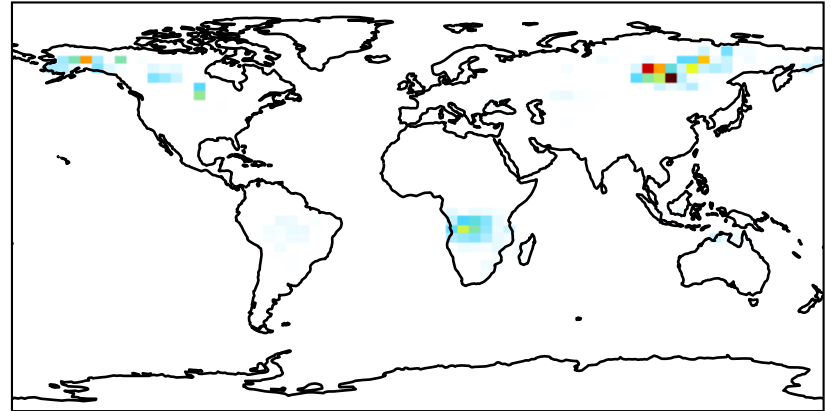


EmisBENZ_BioBurn

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



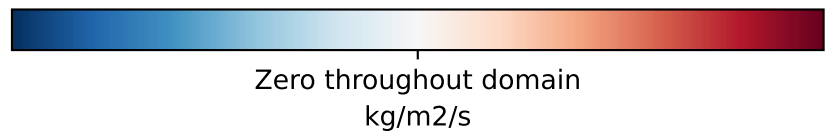
GCC_14.2.0_GEOS-IT (Dev)
4.0x5.0



Difference
Dev - Ref, Dynamic Range



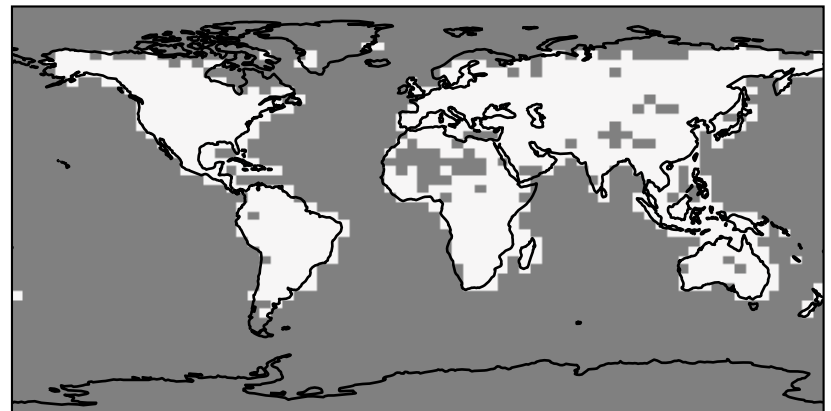
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

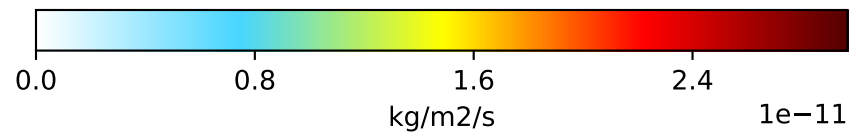
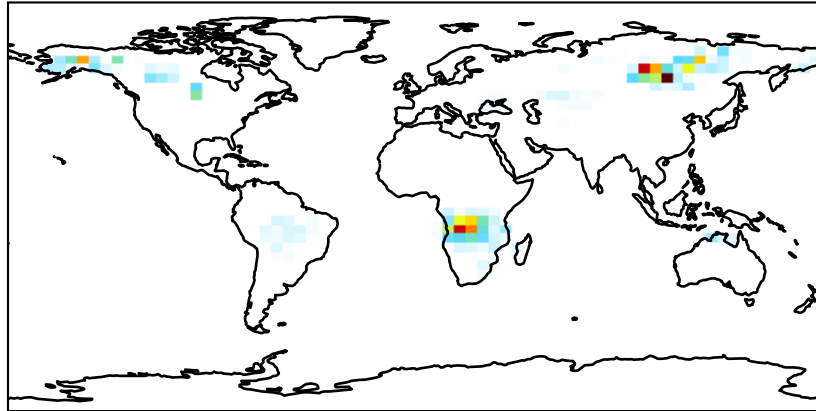


Ratio
Dev/Ref, Fixed Range

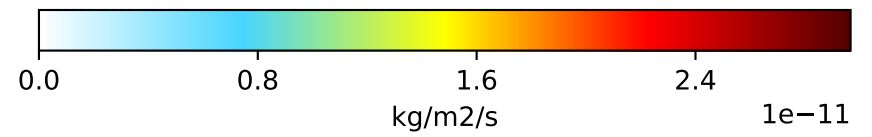
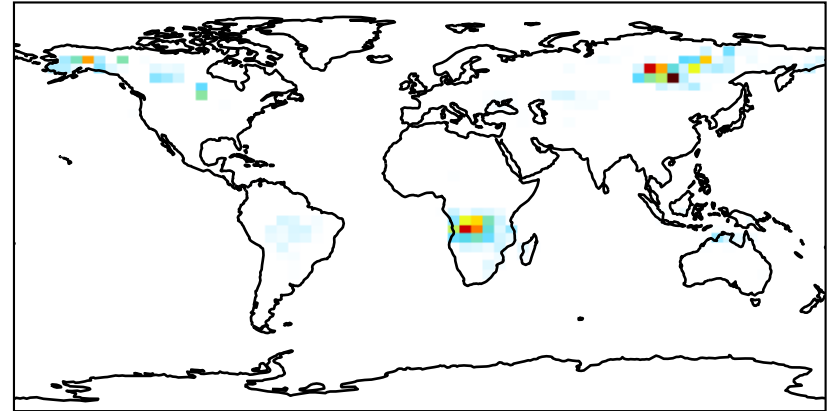


EmisC2H2_BioBurn

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



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



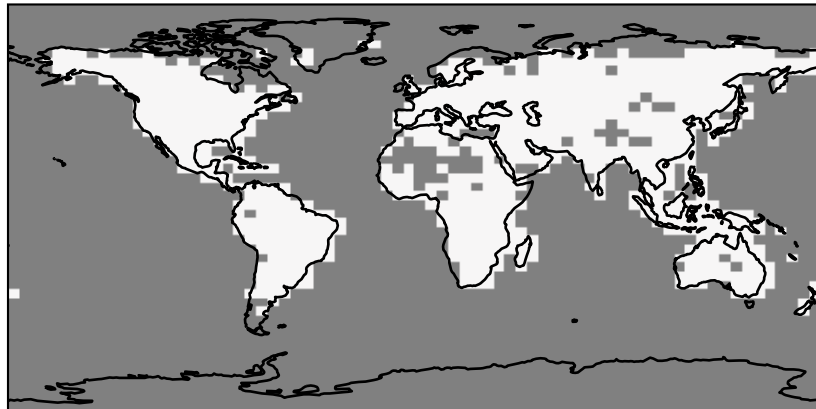
Difference
Dev - Ref, Dynamic Range



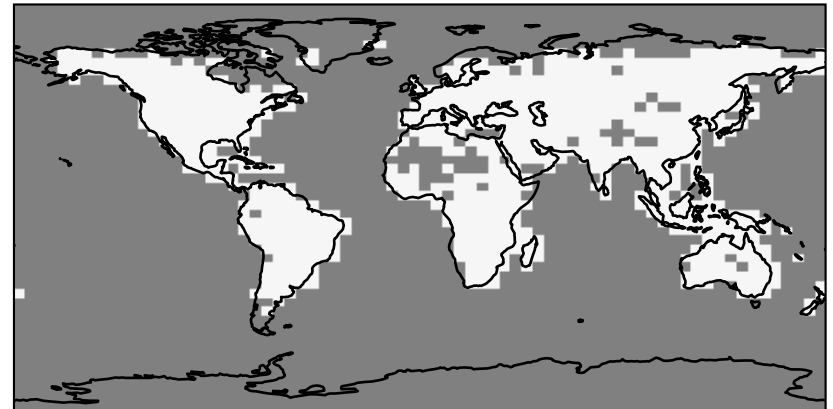
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

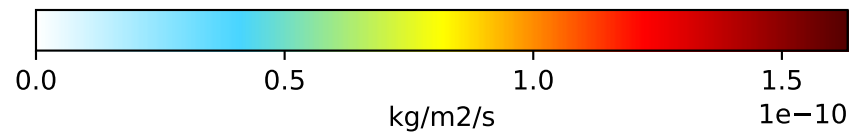
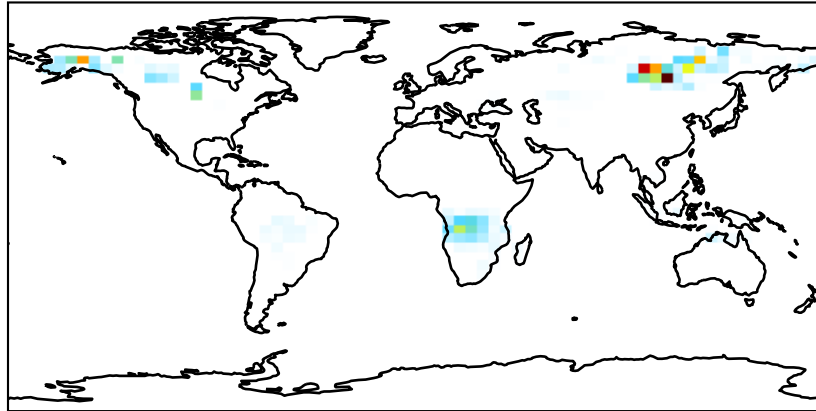


Ratio
Dev/Ref, Fixed Range

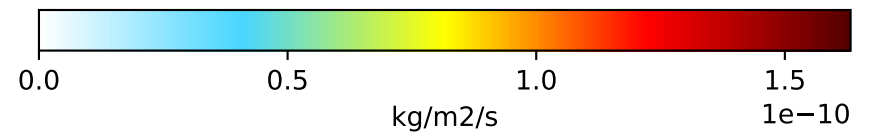
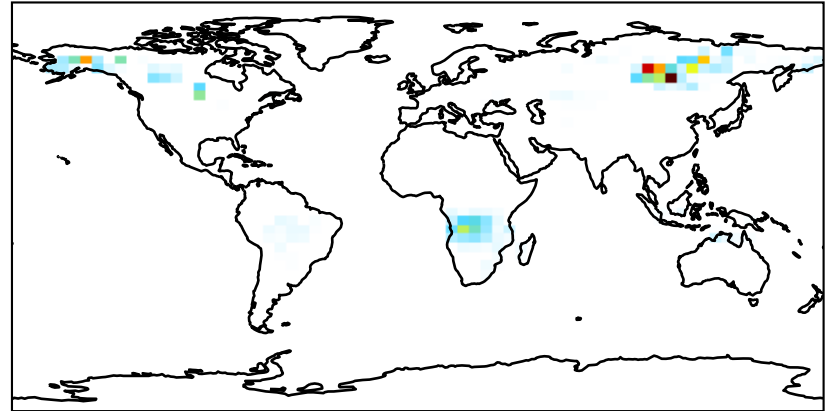


EmisC2H4_BioBurn

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



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



Difference
Dev - Ref, Dynamic Range



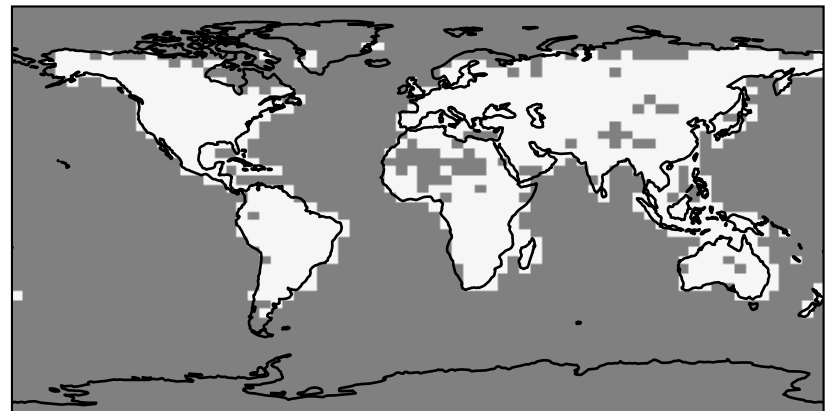
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

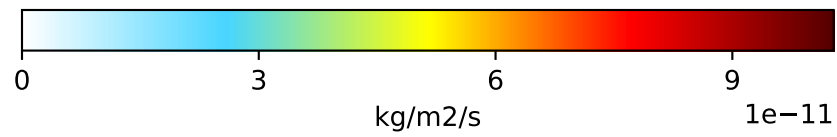
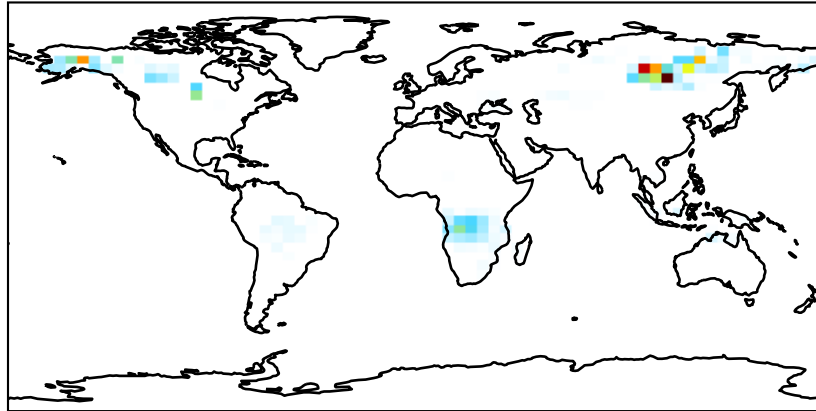


Ratio
Dev/Ref, Fixed Range

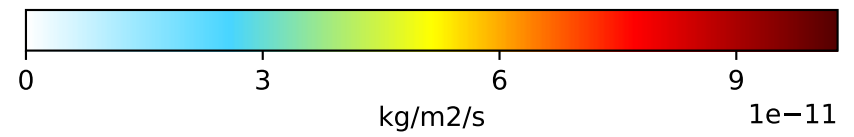
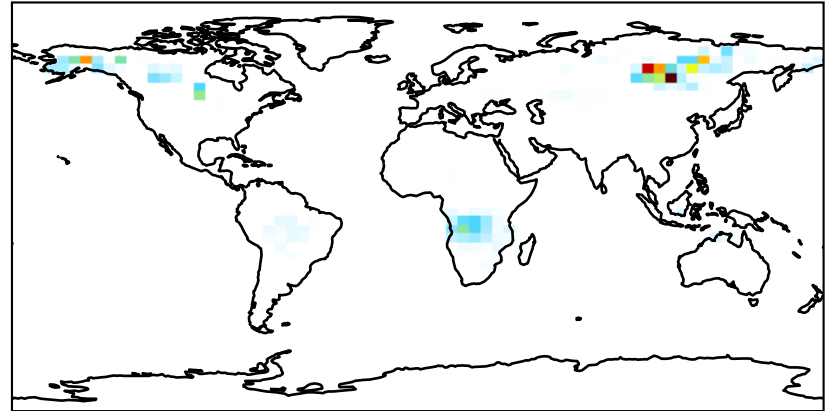


EmisC2H6_BioBurn

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



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



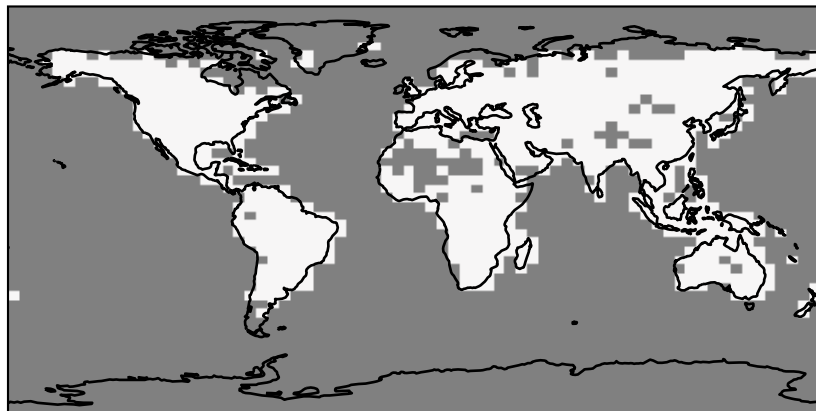
Difference
Dev - Ref, Dynamic Range



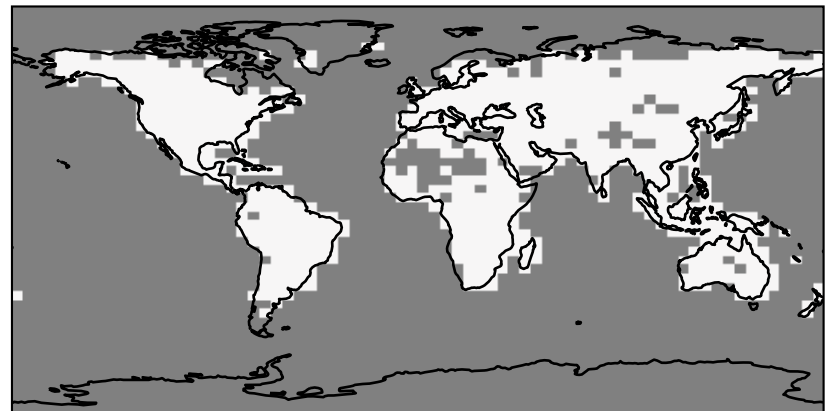
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

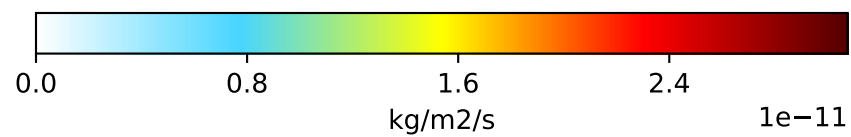
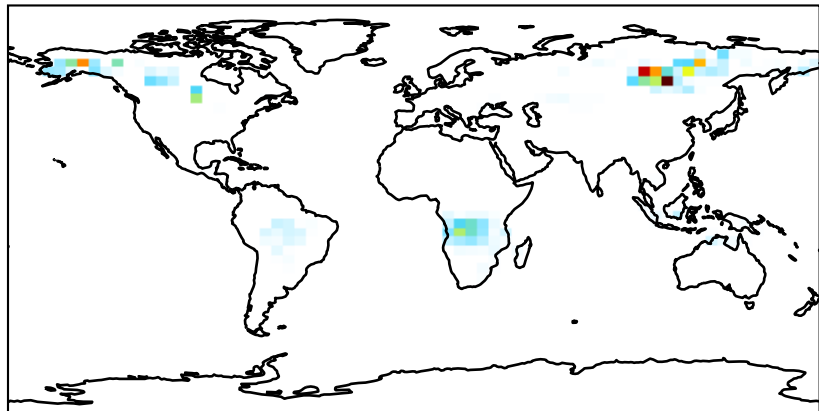


Ratio
Dev/Ref, Fixed Range

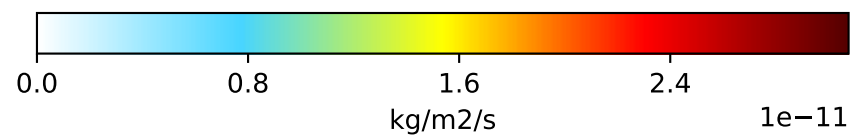
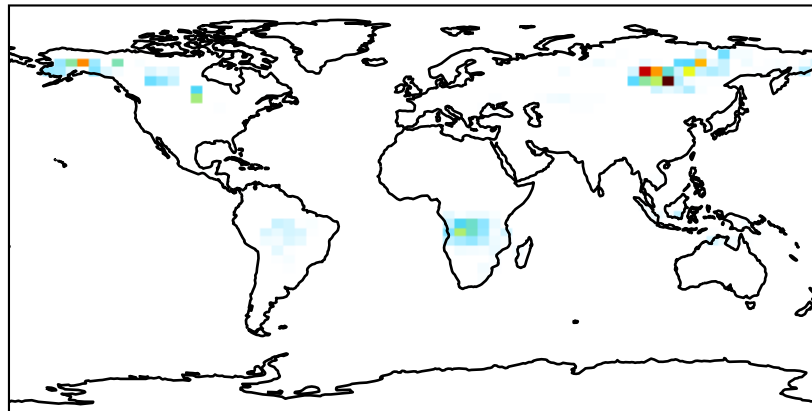


EmisC3H8_BioBurn

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



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

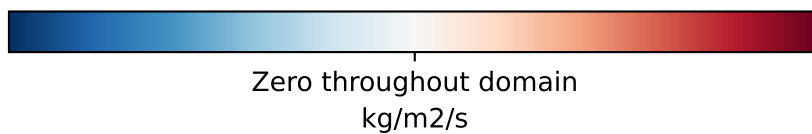
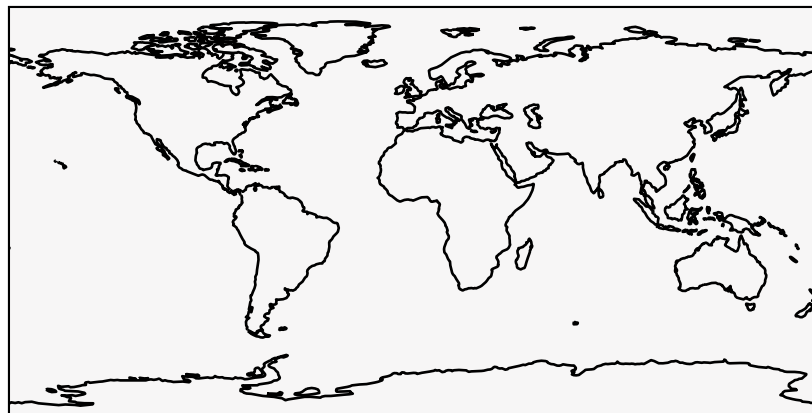


Difference
Dev - Ref, Dynamic Range



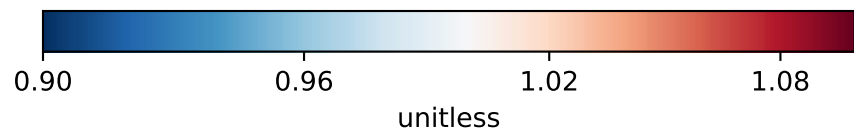
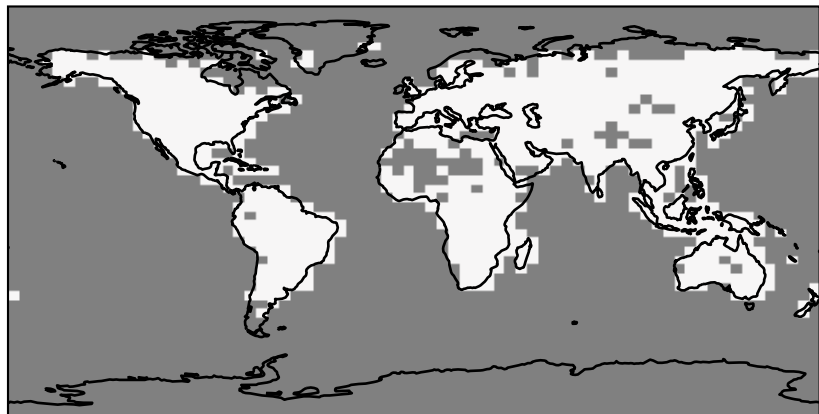
Zero throughout domain
kg/m2/s

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



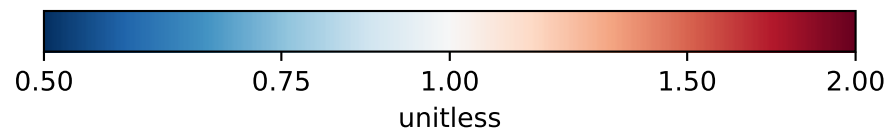
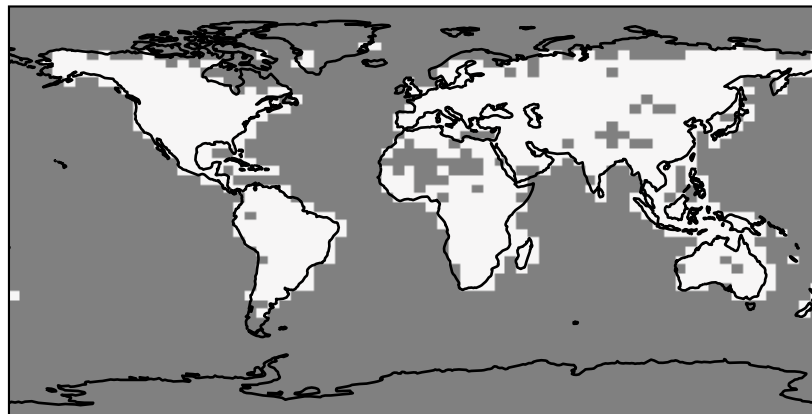
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



unitless

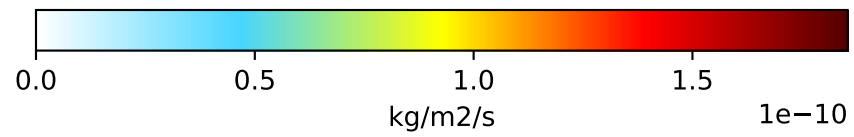
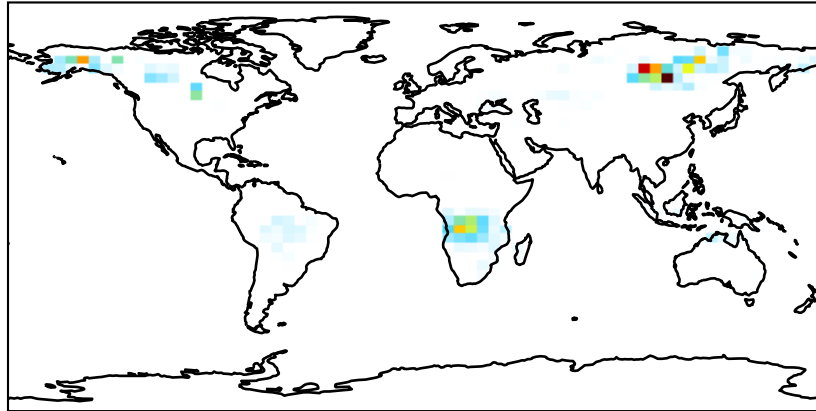
Ratio
Dev/Ref, Fixed Range



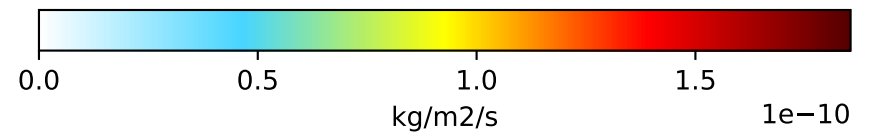
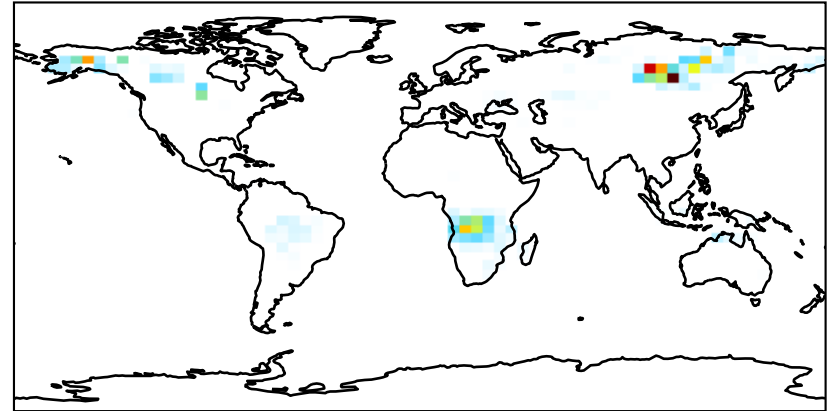
unitless

EmisCH2O_BioBurn

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



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



Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range

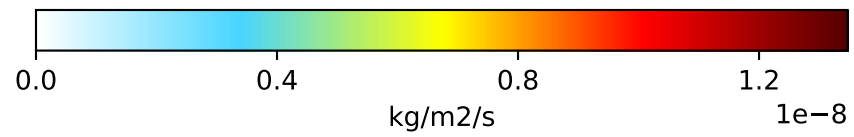
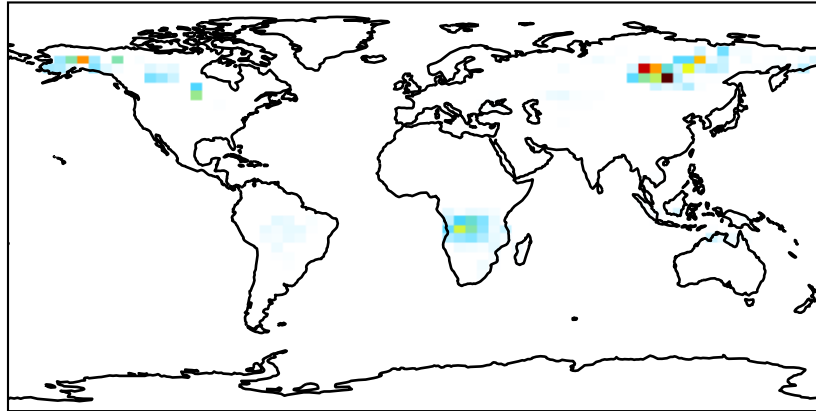


Ratio
Dev/Ref, Fixed Range

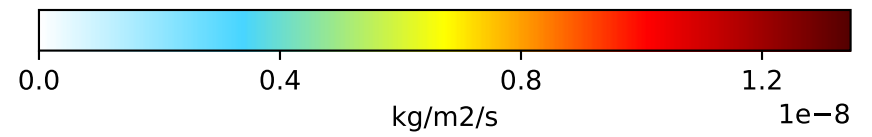
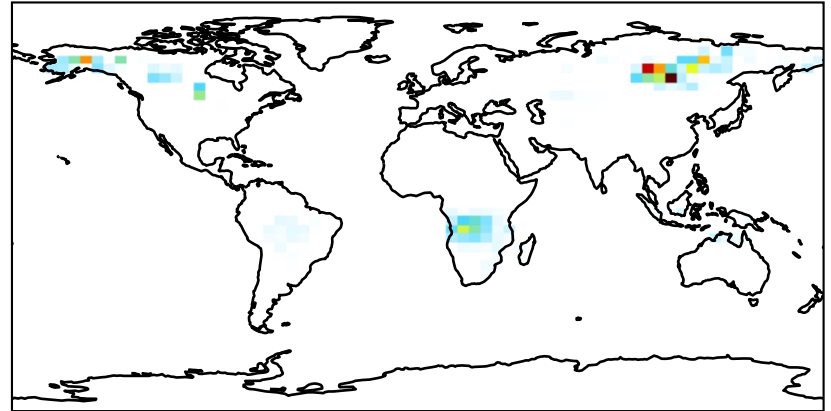


EmisCO_BioBurn

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



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



Difference
Dev - Ref, Dynamic Range



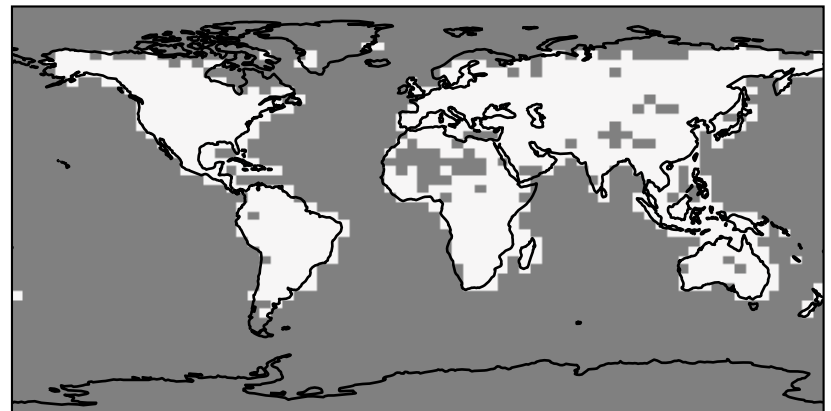
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

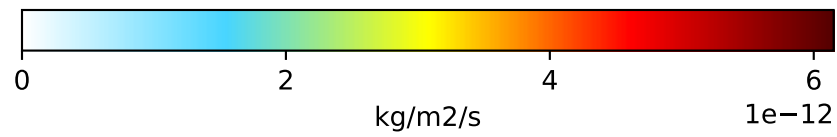
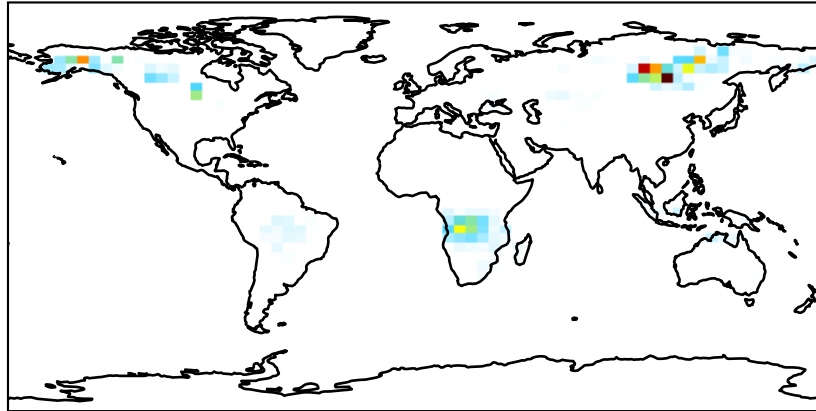


Ratio
Dev/Ref, Fixed Range

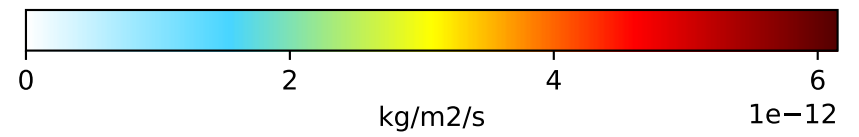
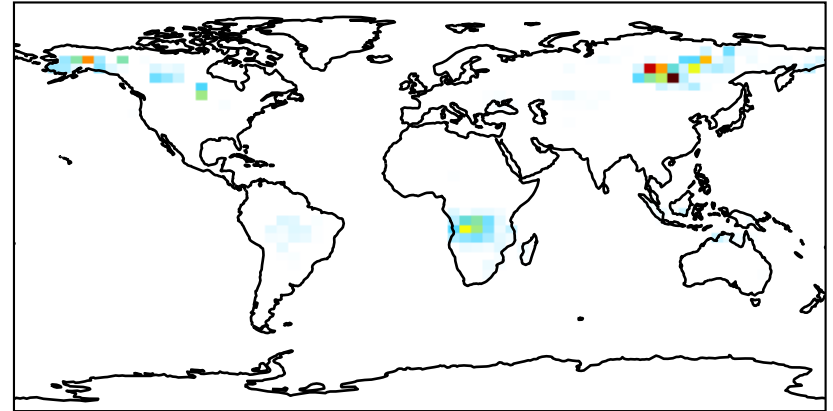


EmisEOH_BioBurn

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



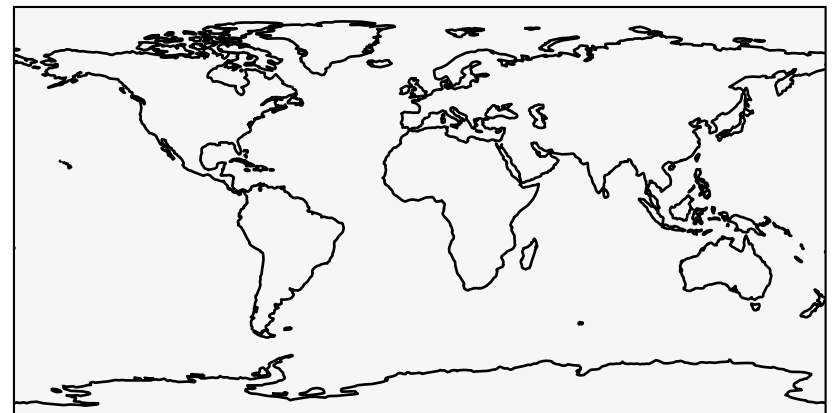
GCC_14.2.0_GEOS-IT (Dev)
4.0x5.0



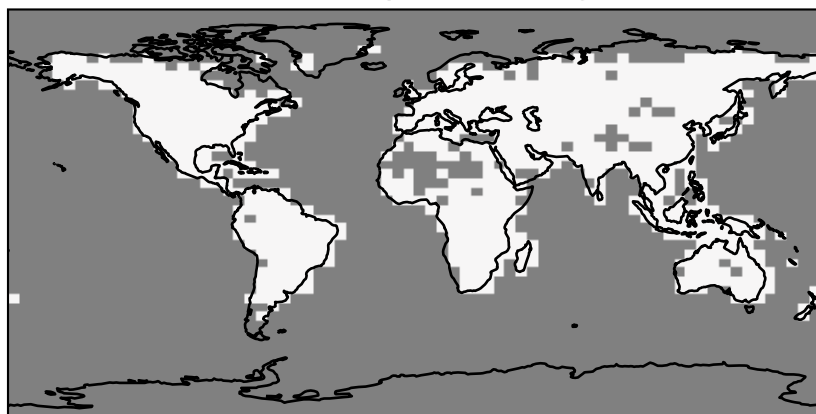
Difference
Dev - Ref, Dynamic Range



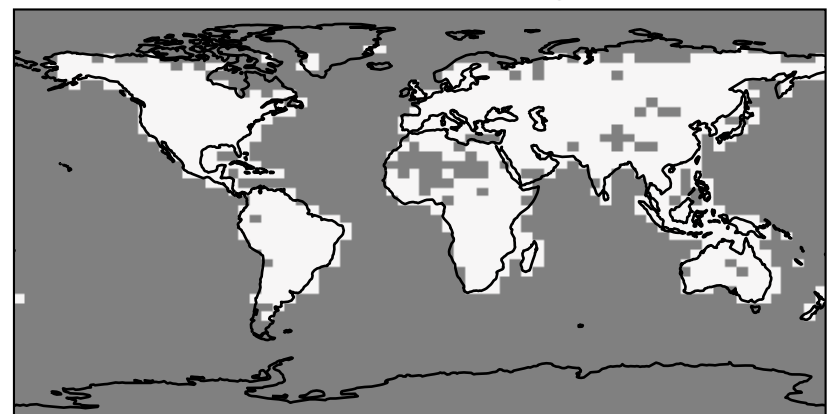
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

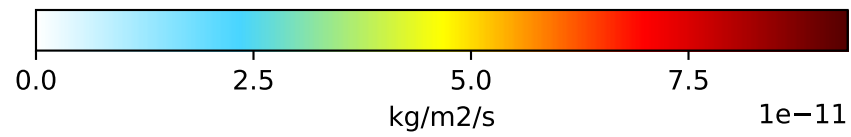
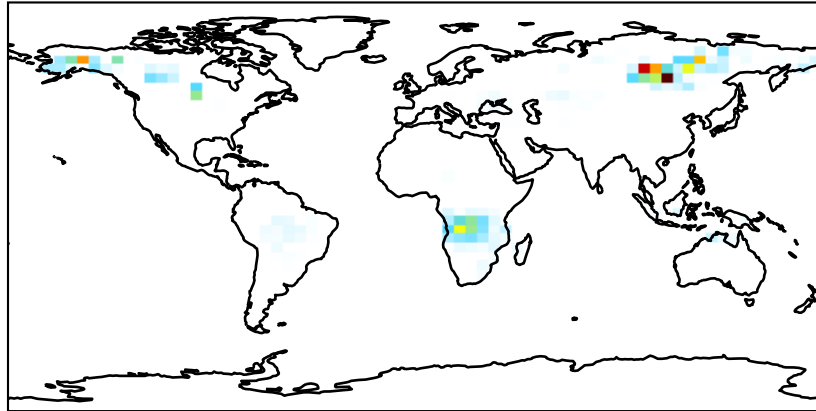


Ratio
Dev/Ref, Fixed Range

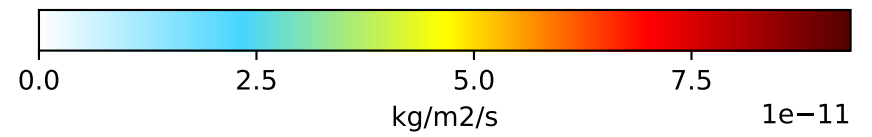
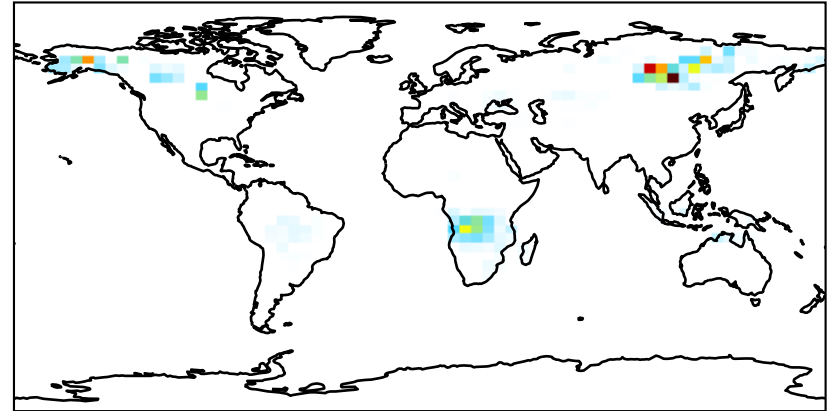


EmisFURA_BioBurn

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



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



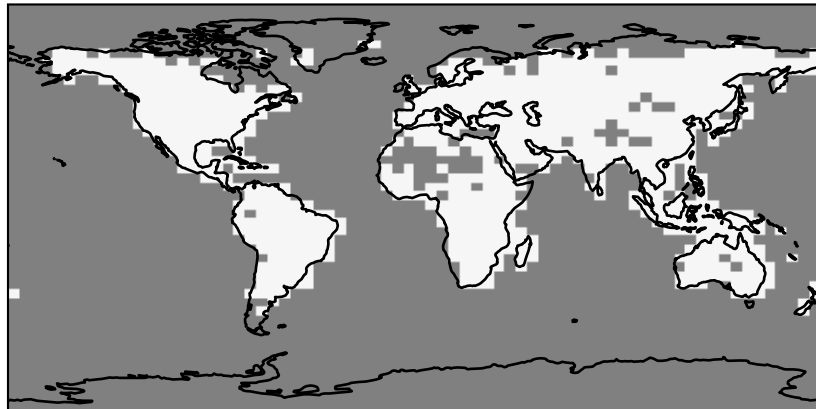
Difference
Dev - Ref, Dynamic Range



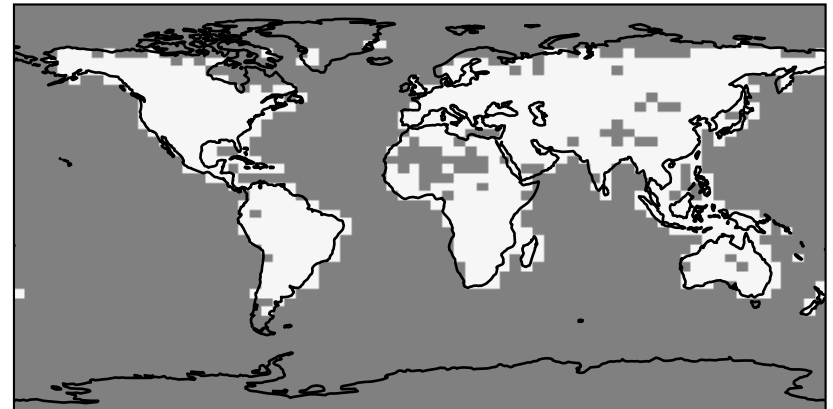
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

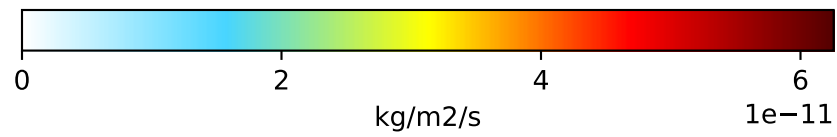
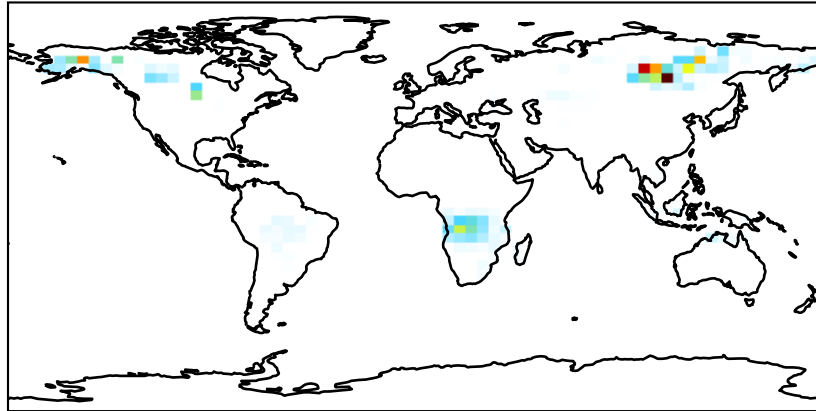


Ratio
Dev/Ref, Fixed Range

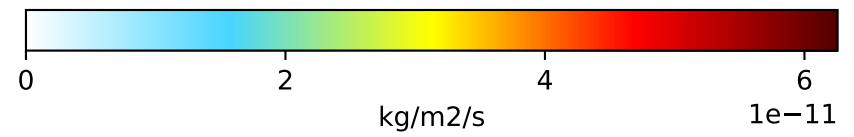
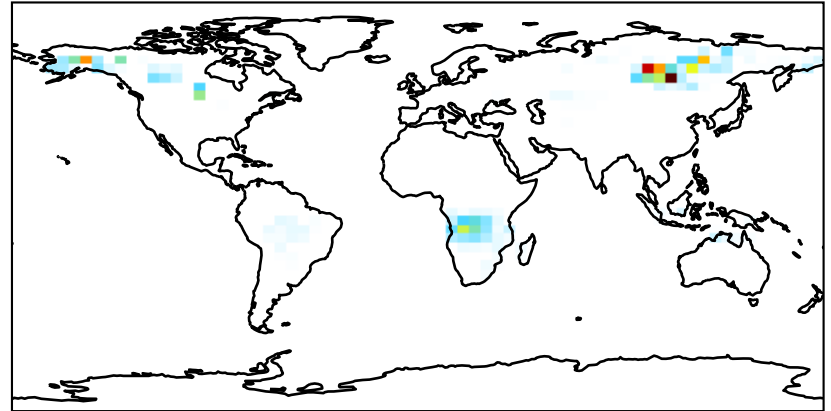


EmisGLYX_BioBurn

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



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



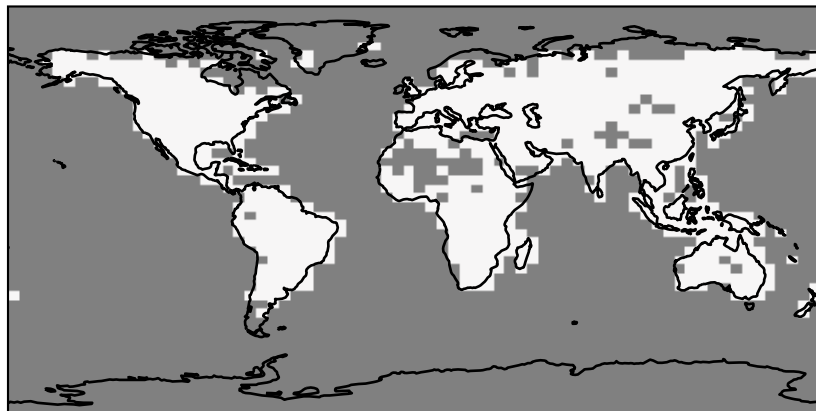
Difference
Dev - Ref, Dynamic Range



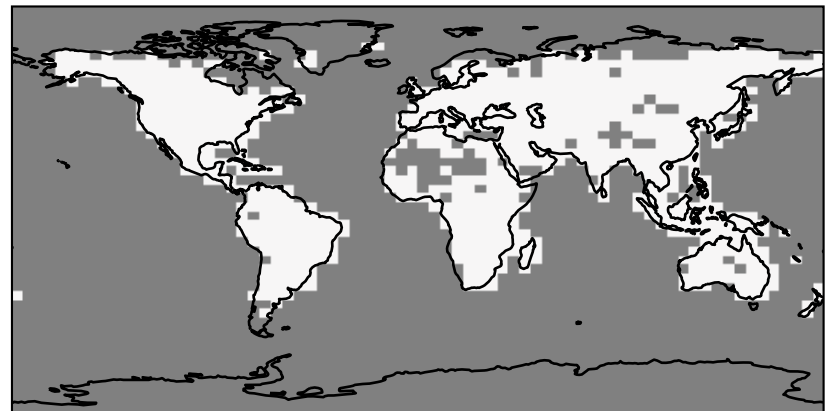
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

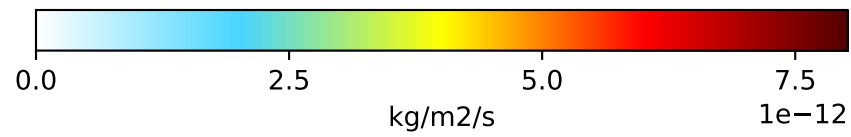
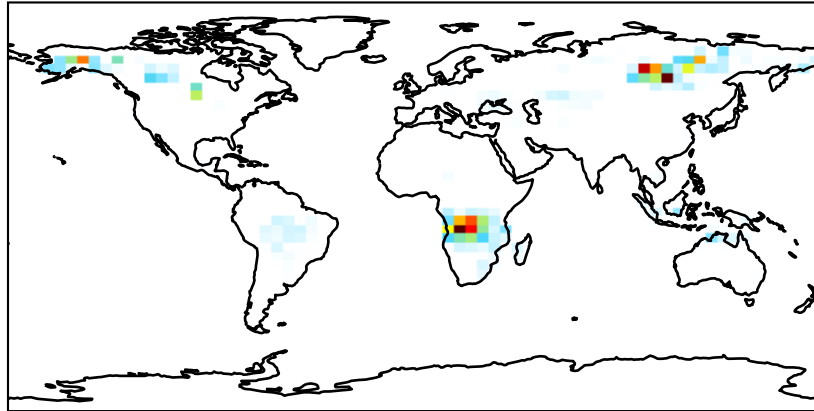


Ratio
Dev/Ref, Fixed Range

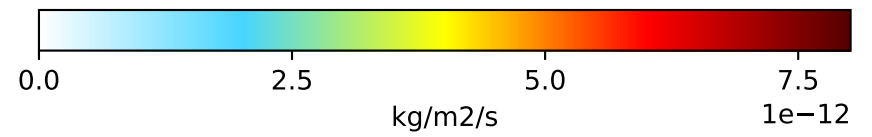
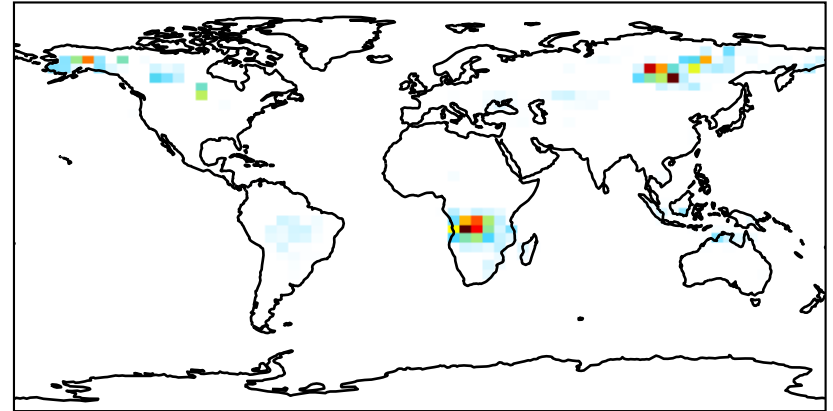


EmisSOP_BioBurn

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



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



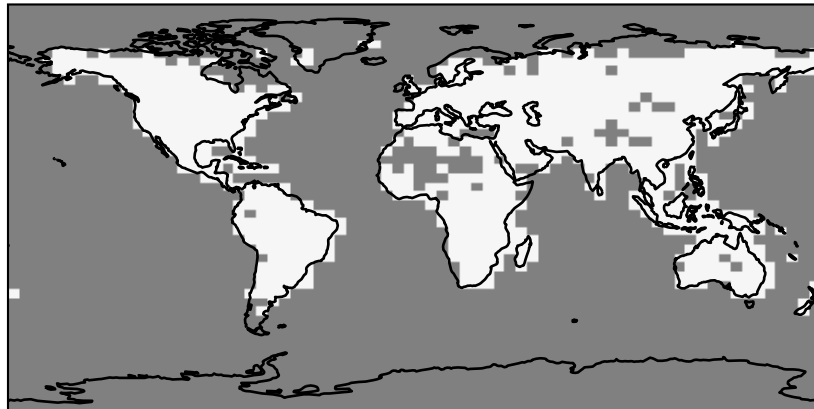
Difference
Dev - Ref, Dynamic Range



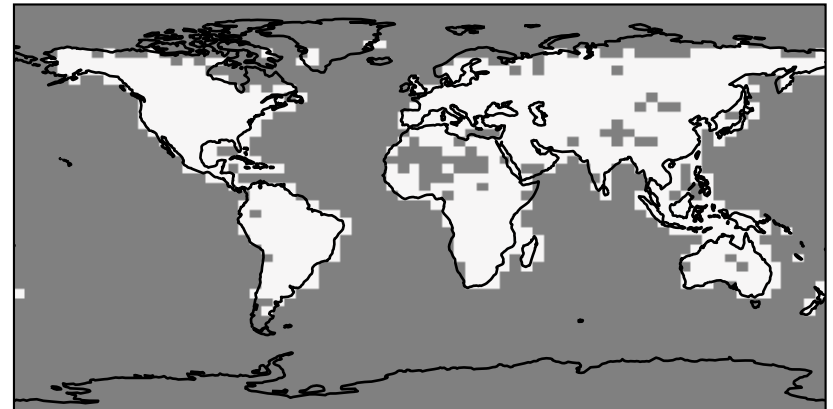
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

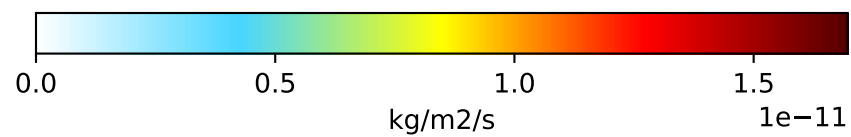
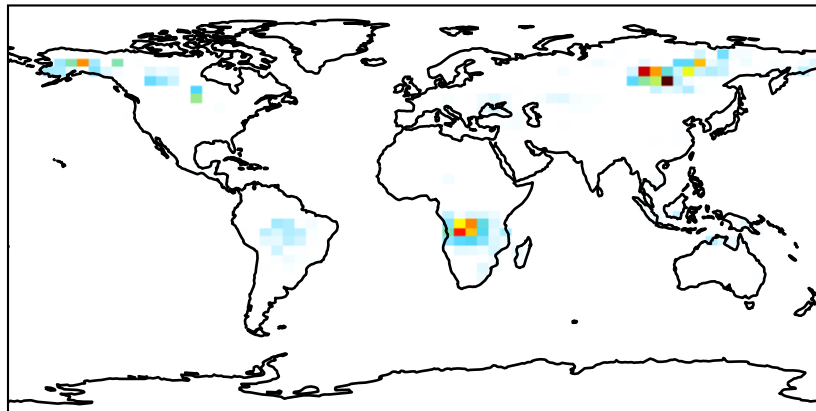


Ratio
Dev/Ref, Fixed Range

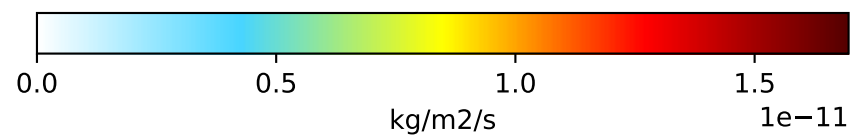
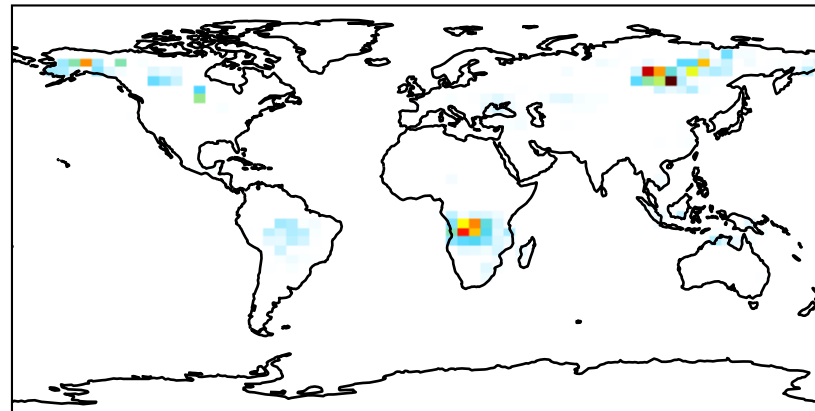


EmisMEK_BioBurn

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



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



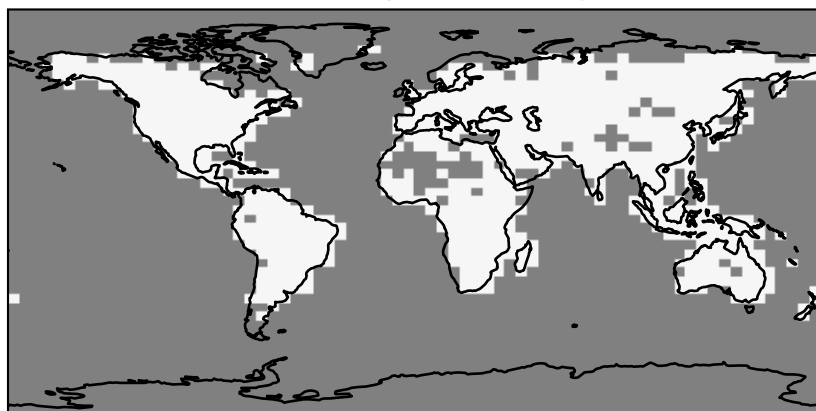
Difference
Dev - Ref, Dynamic Range



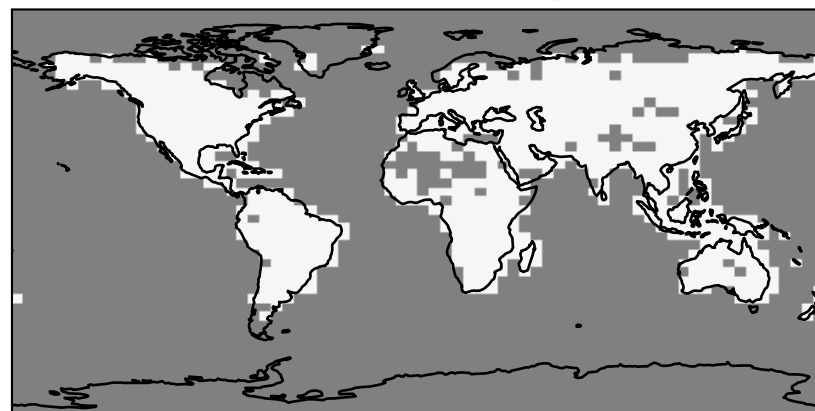
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

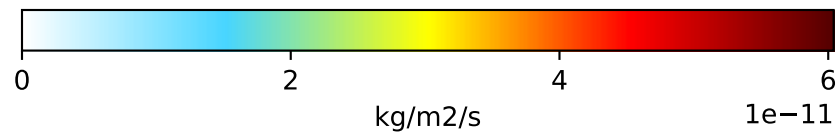
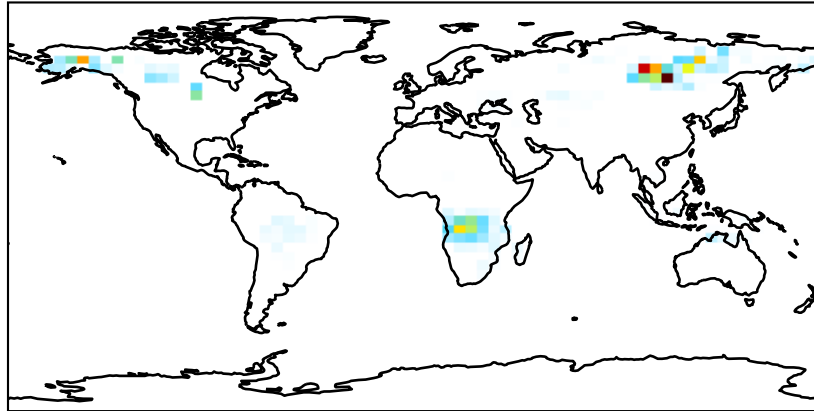


Ratio
Dev/Ref, Fixed Range

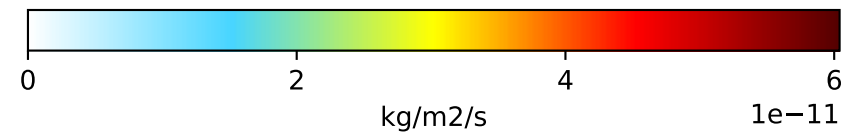
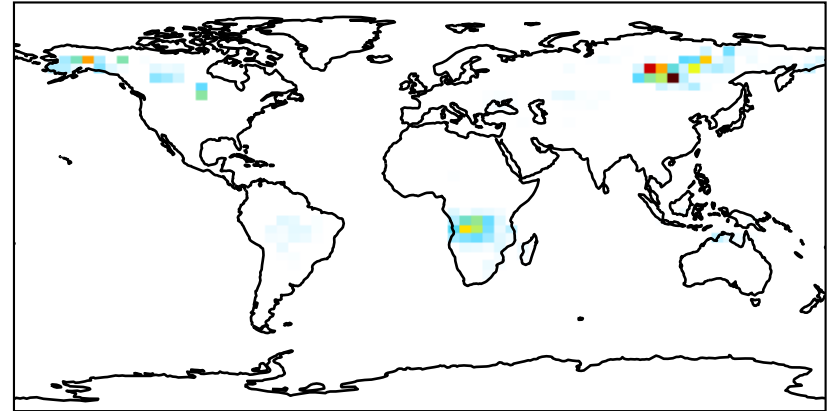


EmisMGLY_BioBurn

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



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



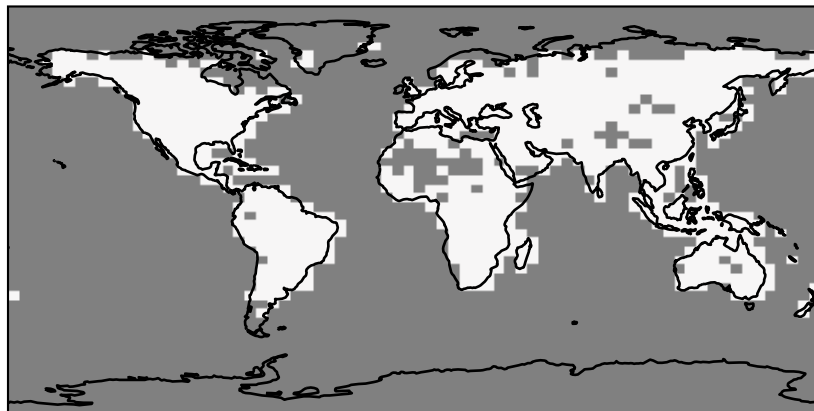
Difference
Dev - Ref, Dynamic Range



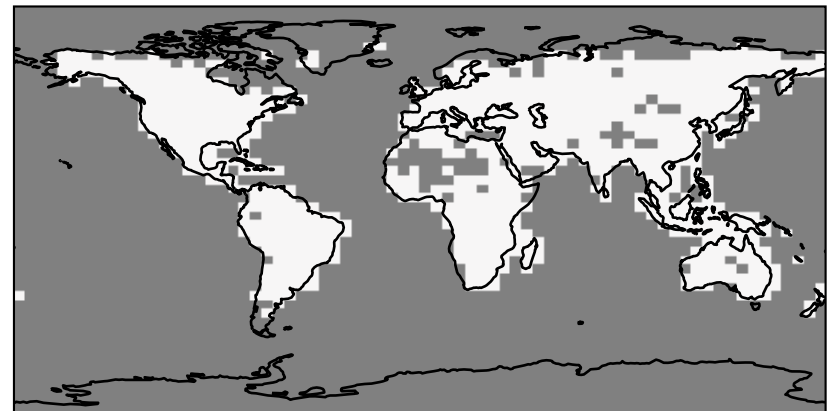
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

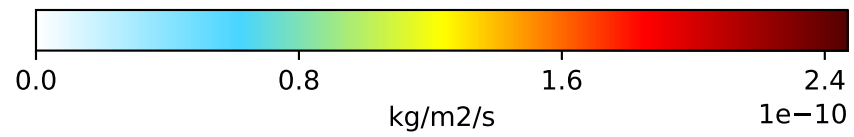
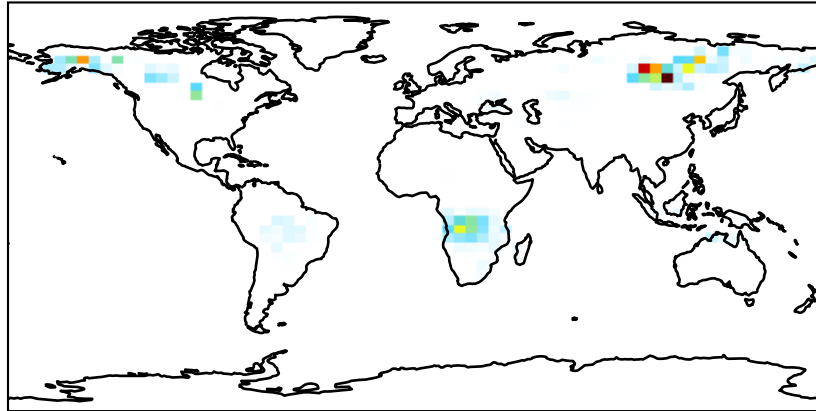


Ratio
Dev/Ref, Fixed Range

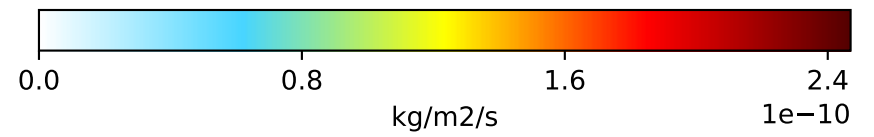
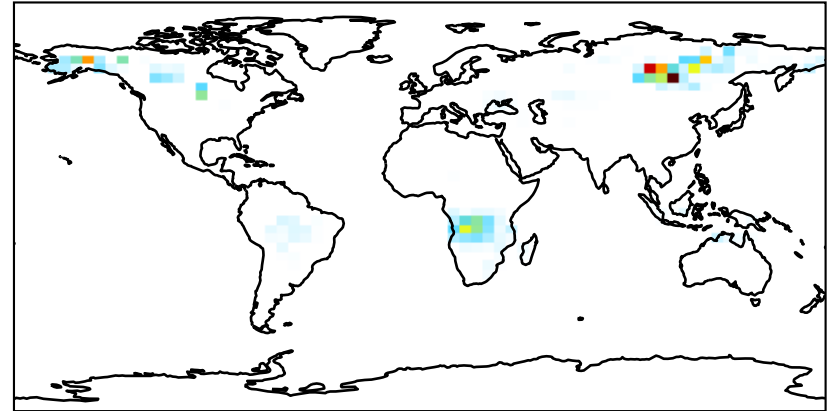


EmisMOH_BioBurn

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



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



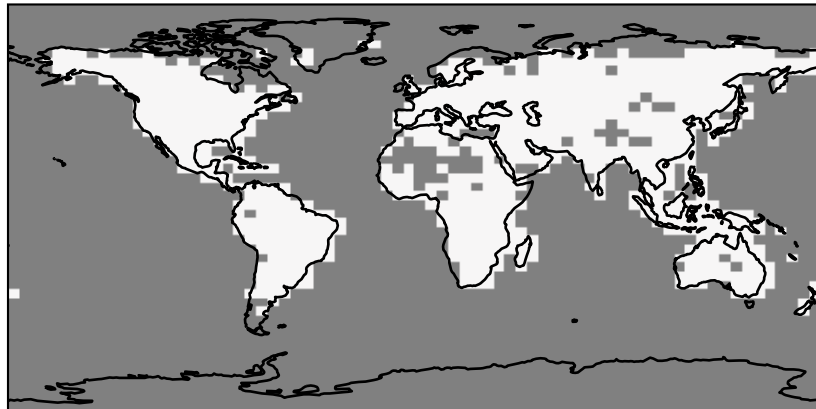
Difference
Dev - Ref, Dynamic Range



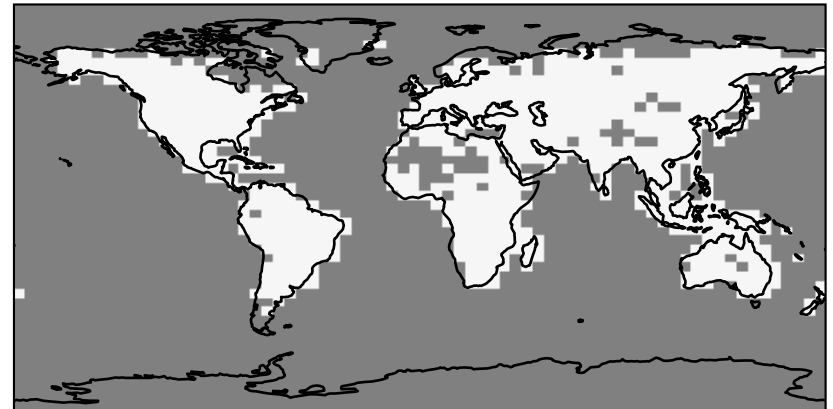
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

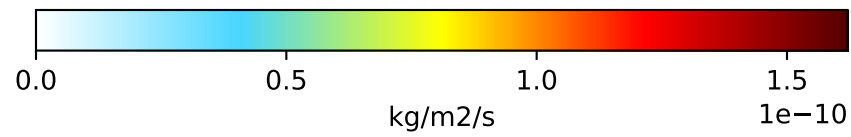
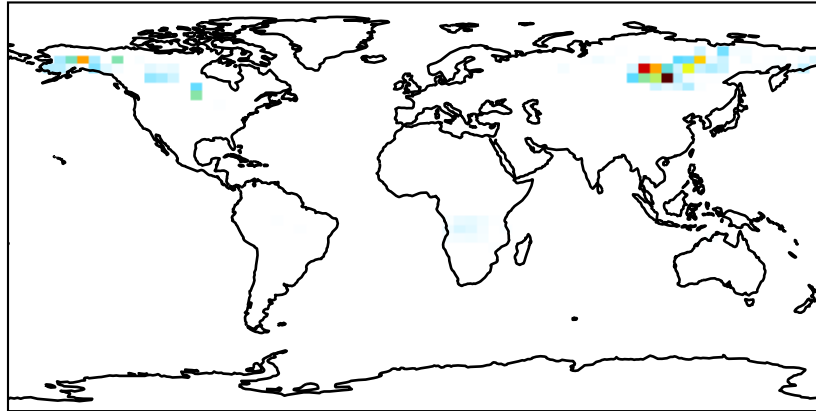


Ratio
Dev/Ref, Fixed Range

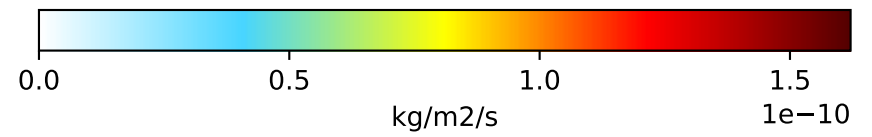
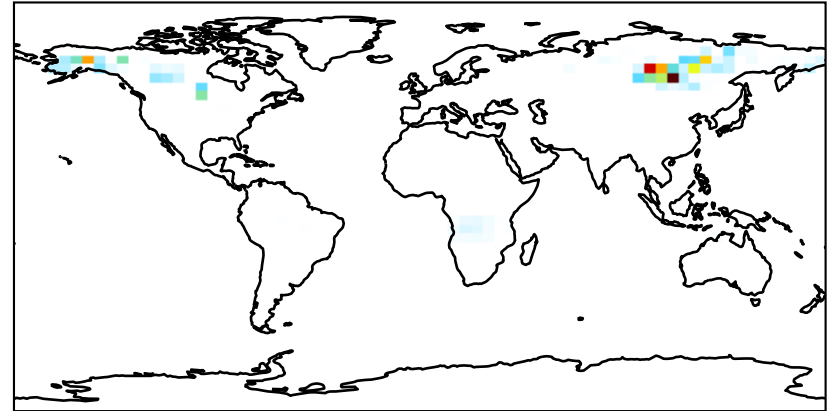


EmisMTPA_BioBurn

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



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



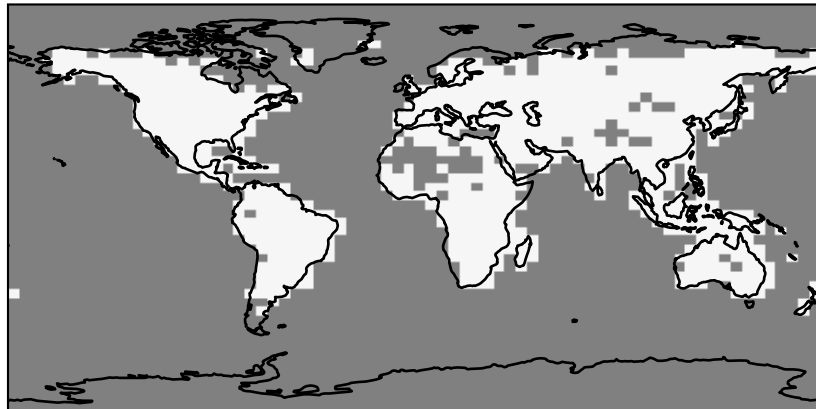
Difference
Dev - Ref, Dynamic Range



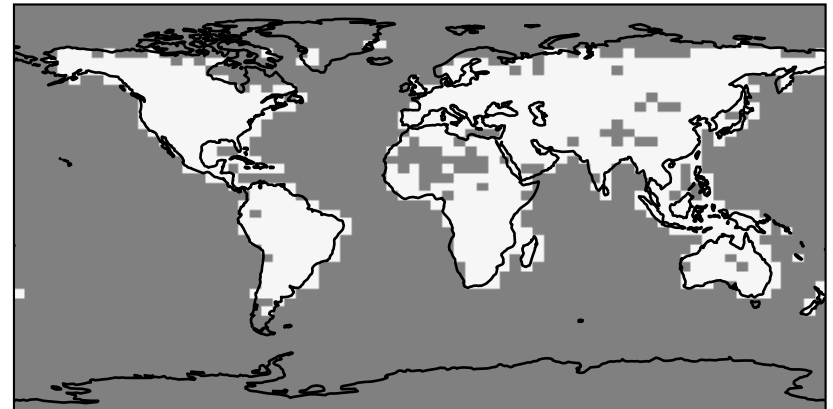
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

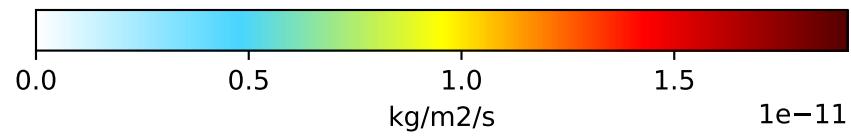
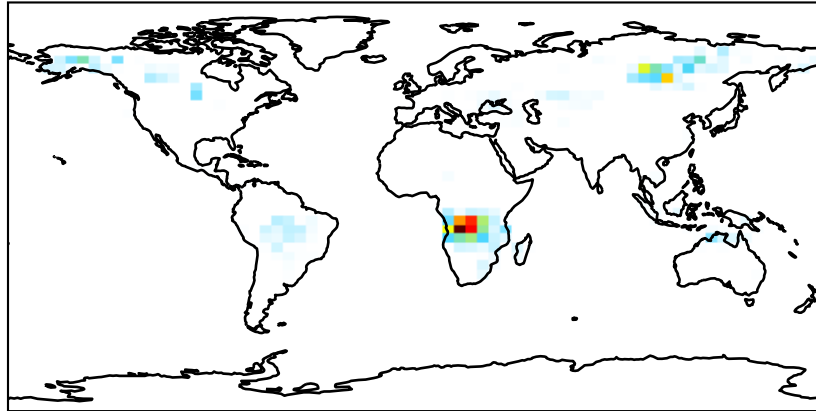


Ratio
Dev/Ref, Fixed Range

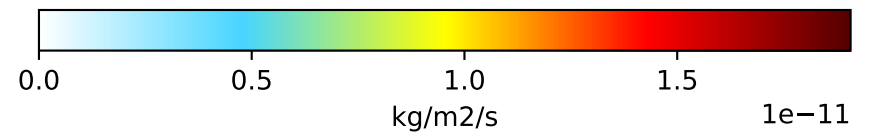
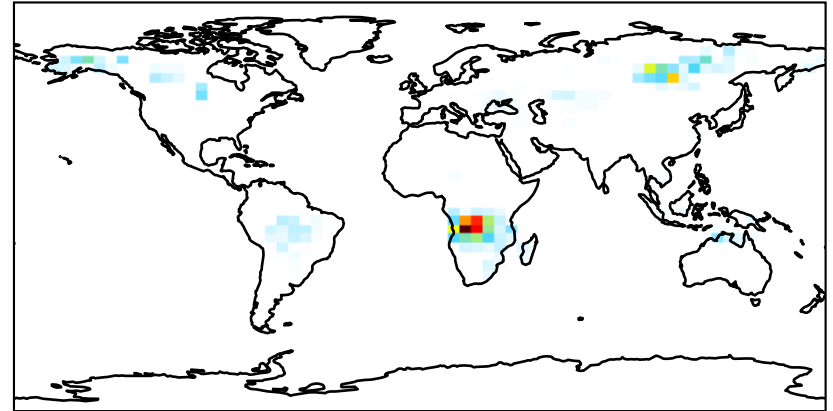


EmisMVK_BioBurn

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



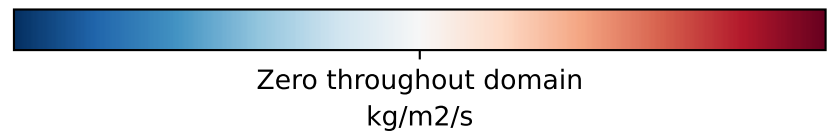
GCC_14.2.0_GEOS-IT (Dev)
4.0x5.0



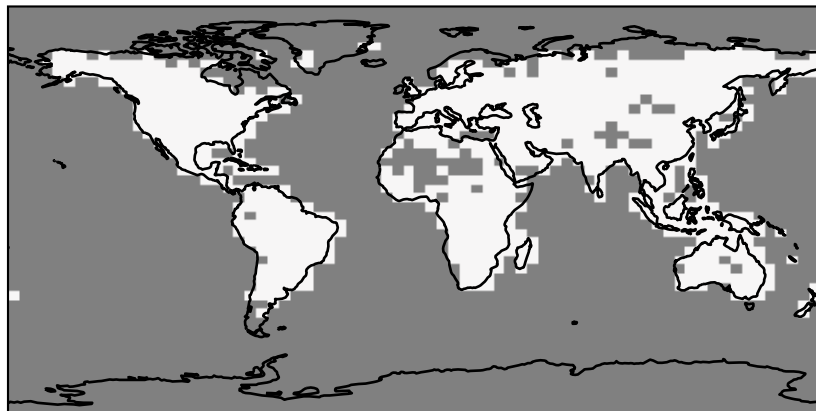
Difference
Dev - Ref, Dynamic Range



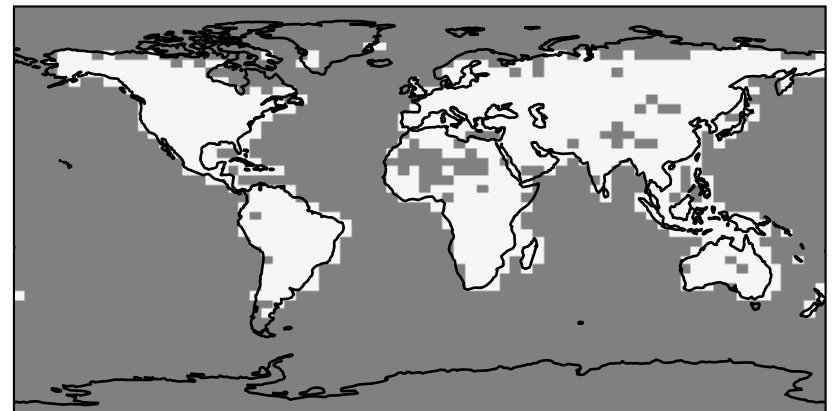
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

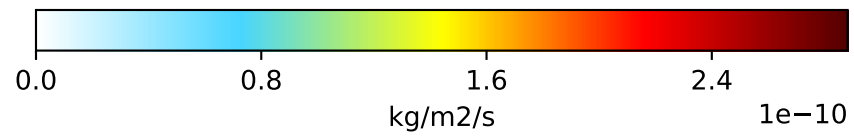
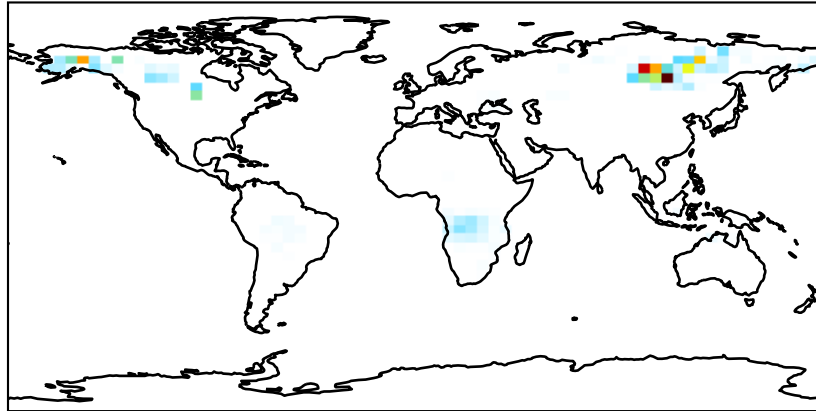


Ratio
Dev/Ref, Fixed Range

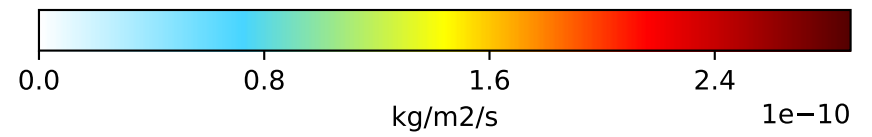
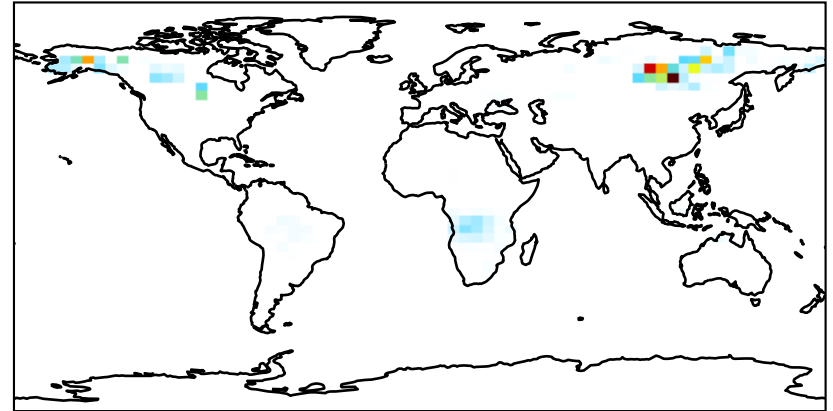


EmisNH3_BioBurn

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



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



Difference
Dev - Ref, Dynamic Range



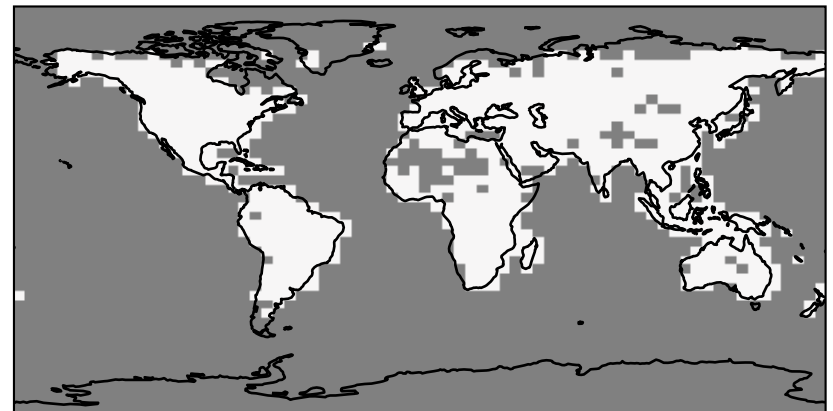
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

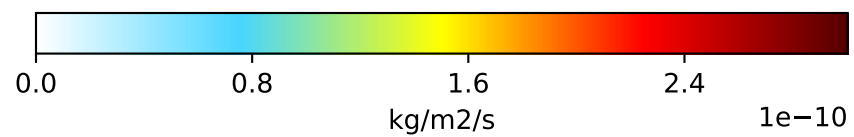
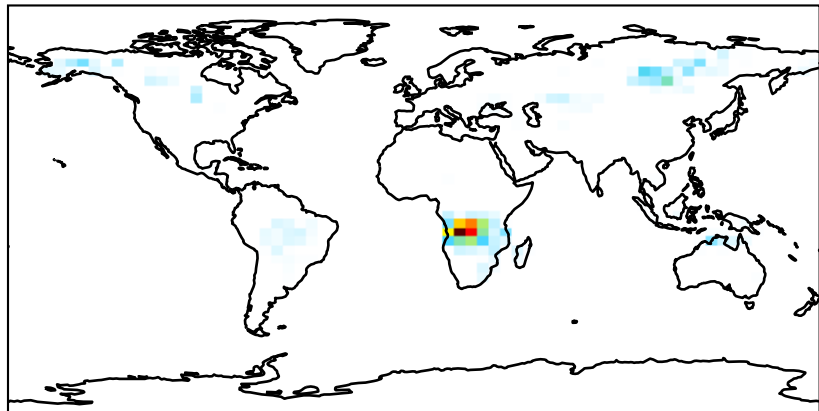


Ratio
Dev/Ref, Fixed Range

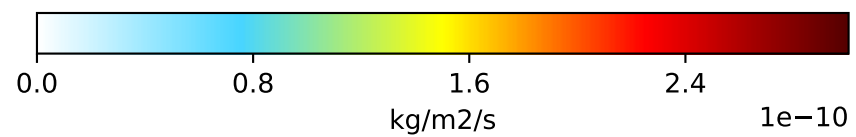
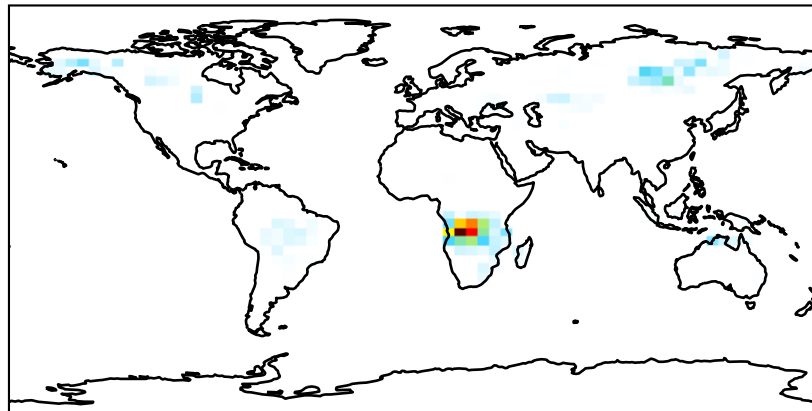


EmisNO_BioBurn

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



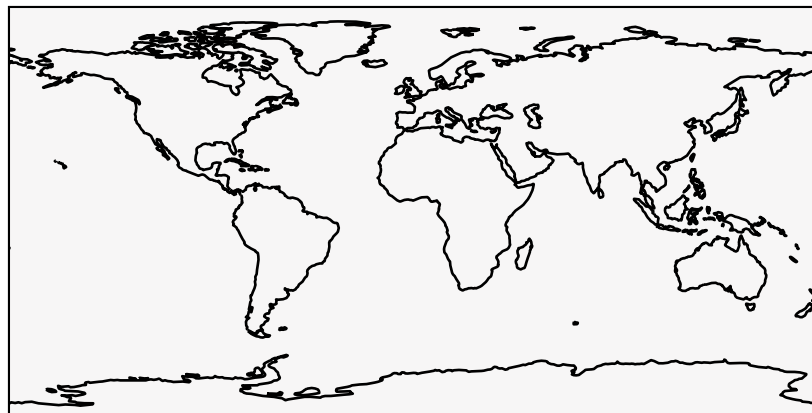
GCC_14.2.0_GEOS-IT (Dev)
4.0x5.0



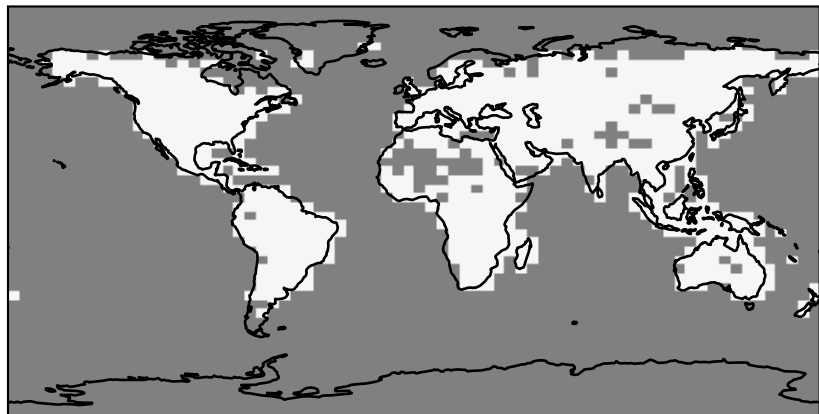
Difference
Dev - Ref, Dynamic Range



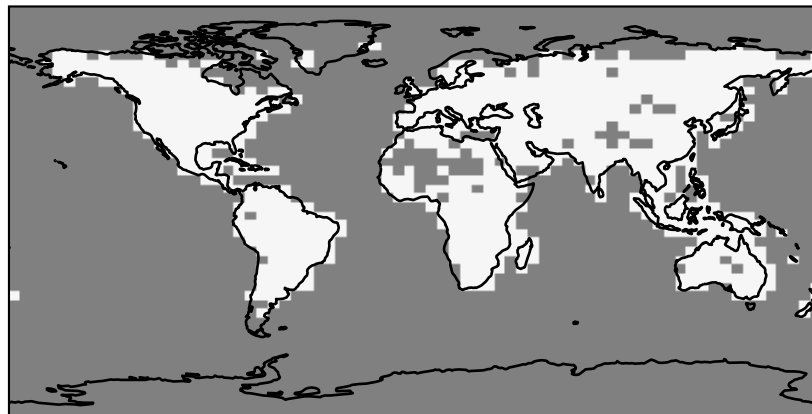
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

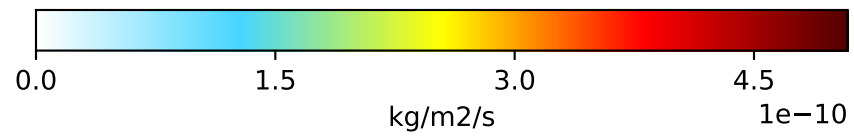
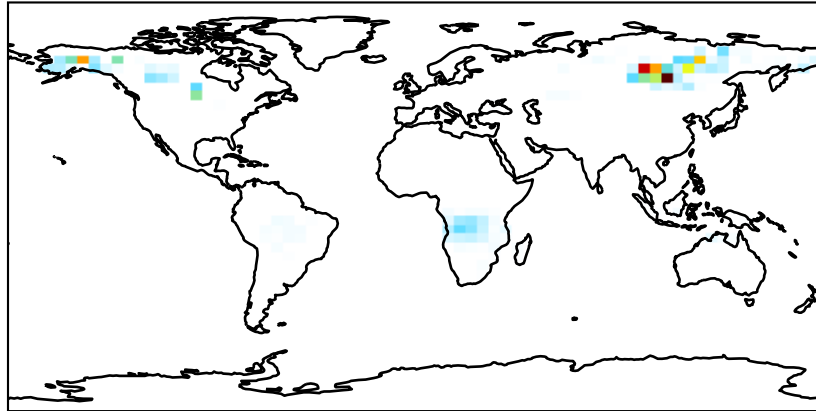


Ratio
Dev/Ref, Fixed Range

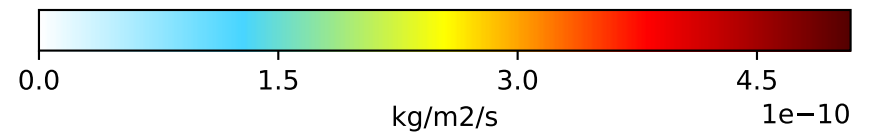
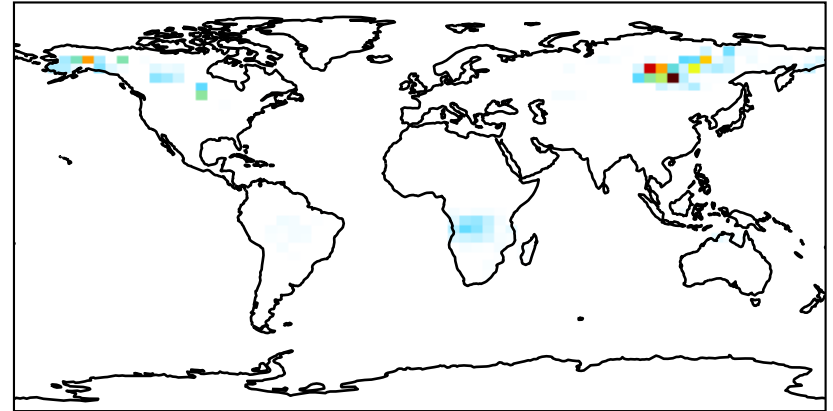


EmisOCPI_BioBurn

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



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



Difference
Dev - Ref, Dynamic Range



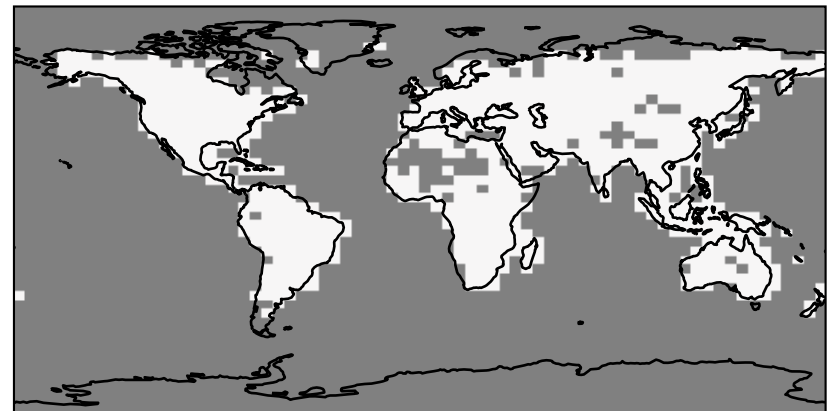
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

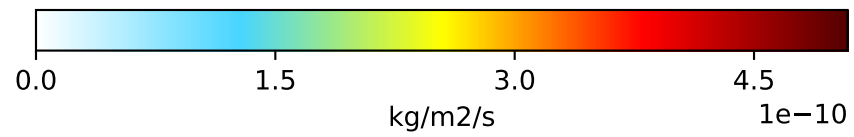
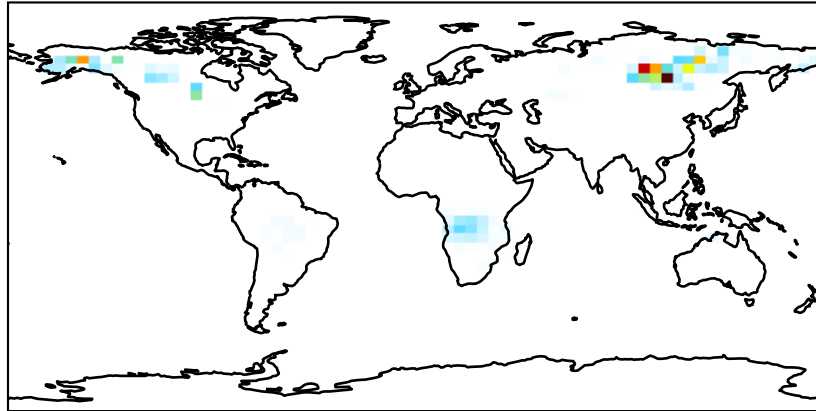


Ratio
Dev/Ref, Fixed Range

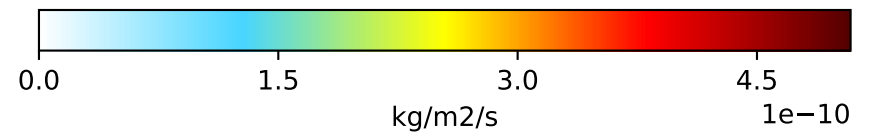
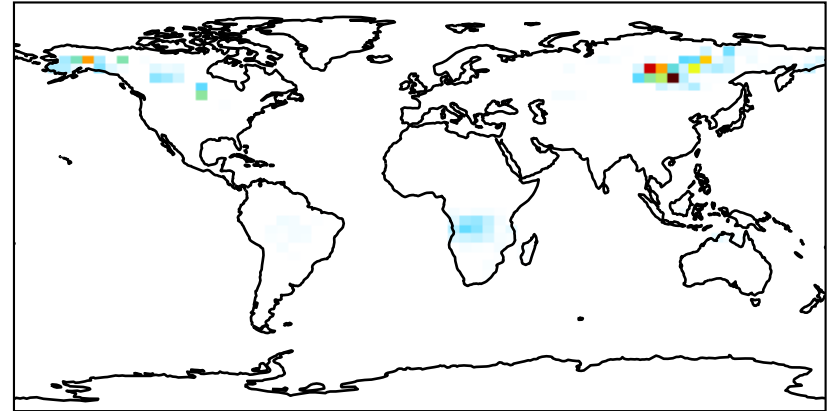


EmisOCPO_BioBurn

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



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



Difference
Dev - Ref, Dynamic Range



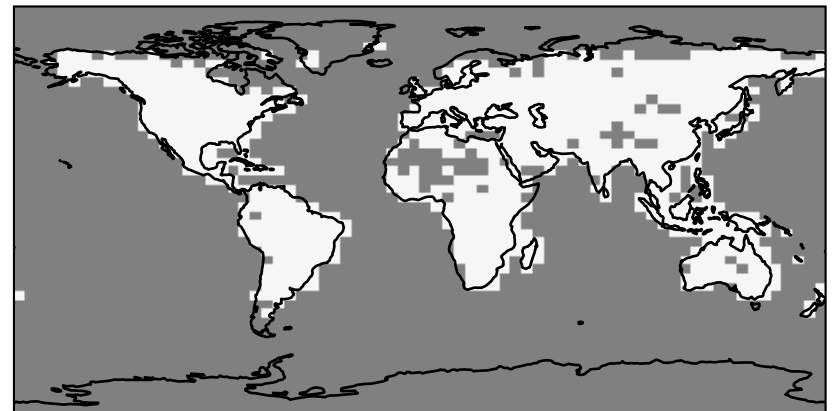
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

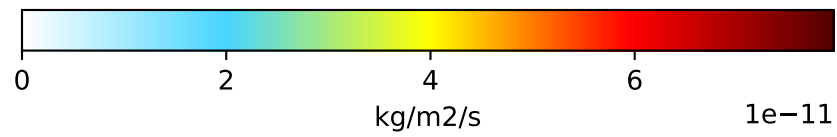
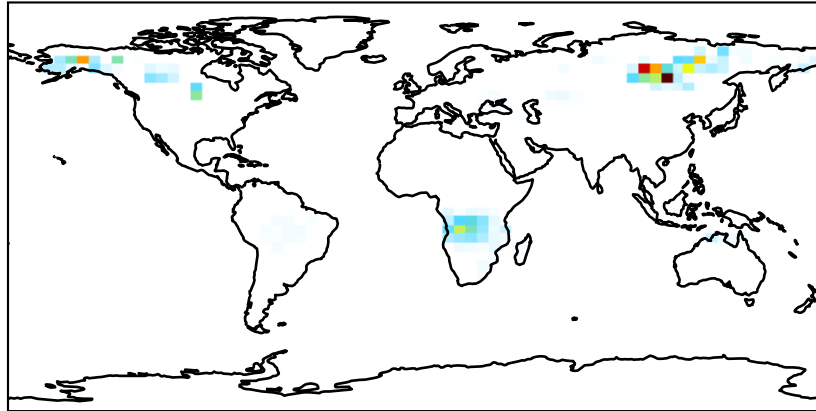


Ratio
Dev/Ref, Fixed Range

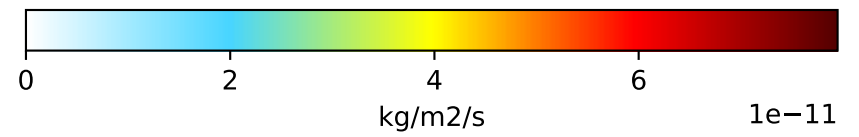
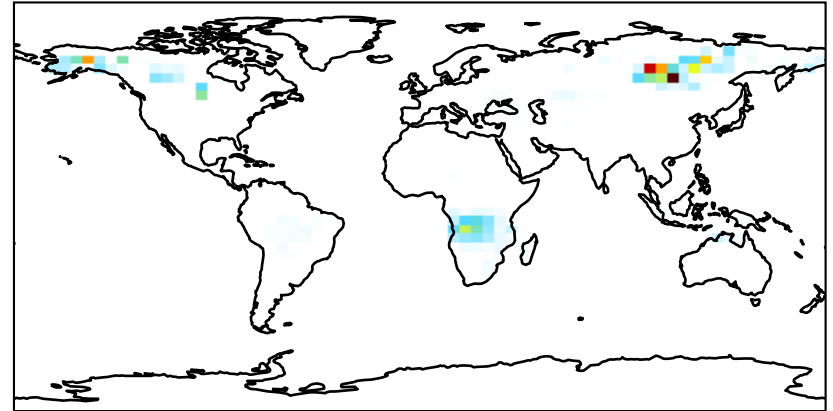


EmisPHEN_BioBurn

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



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



Difference
Dev - Ref, Dynamic Range



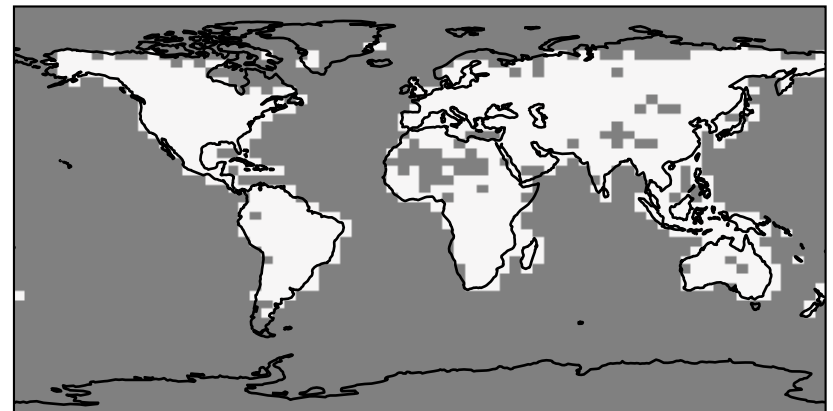
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

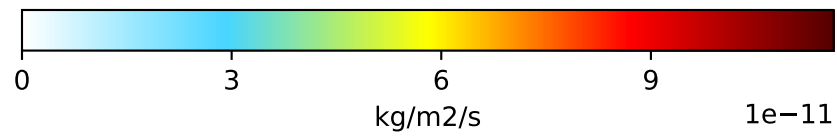
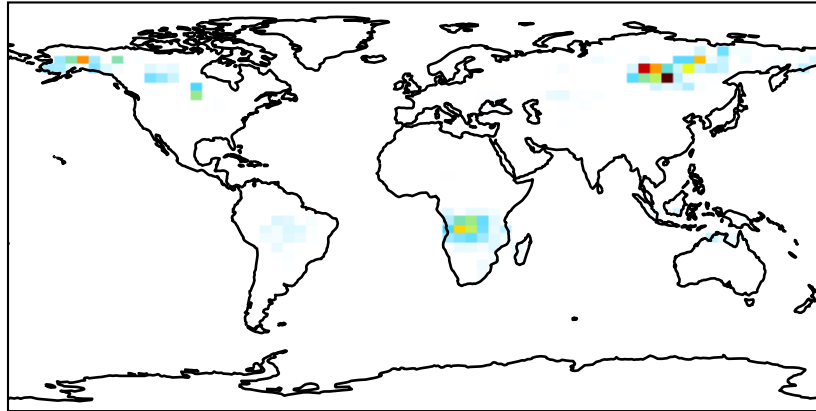


Ratio
Dev/Ref, Fixed Range

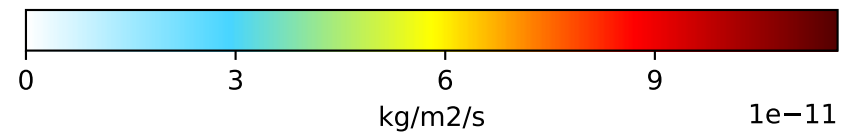
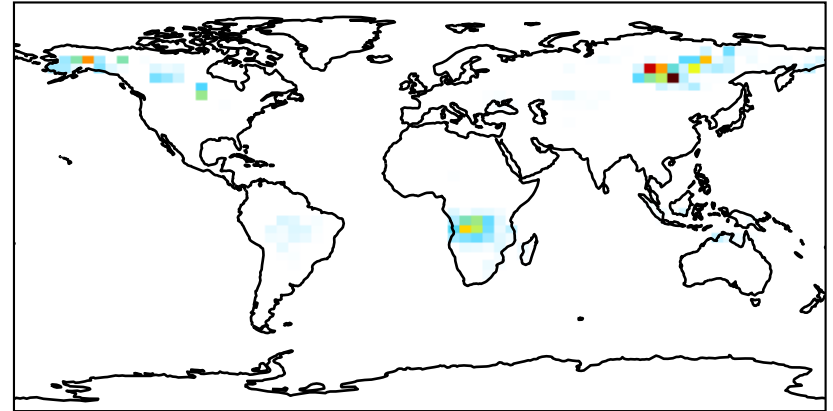


EmisPRPE_BioBurn

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



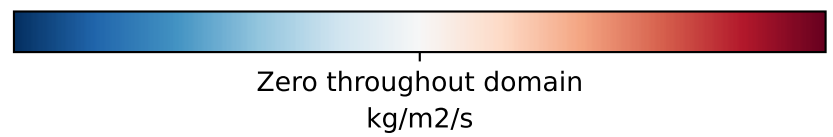
GCC_14.2.0_GEOS-IT (Dev)
4.0x5.0



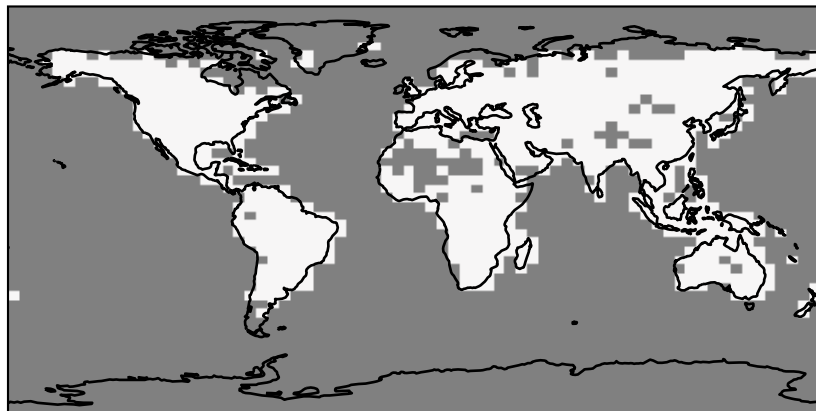
Difference
Dev - Ref, Dynamic Range



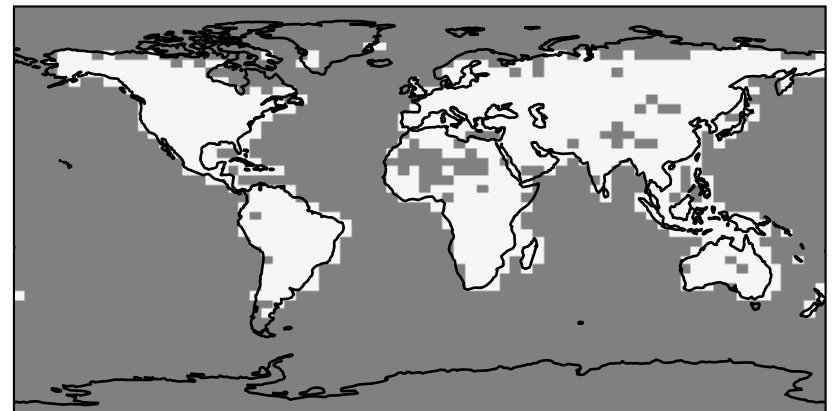
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

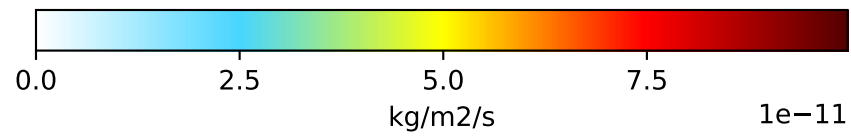
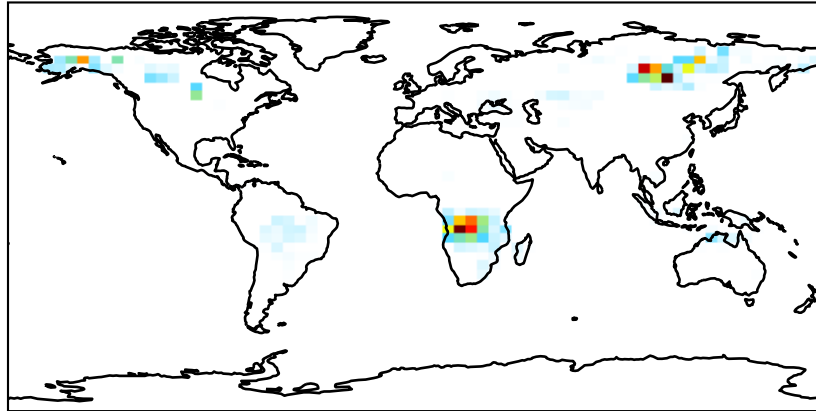


Ratio
Dev/Ref, Fixed Range

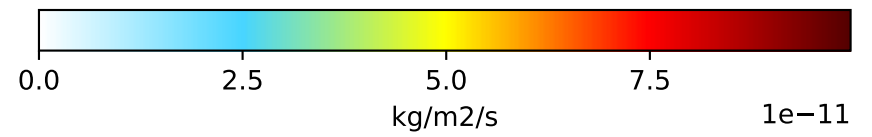
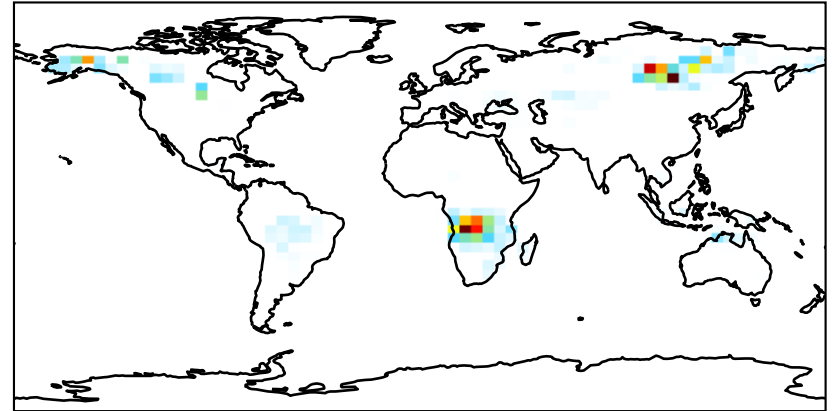


EmisRCHO_BioBurn

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



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



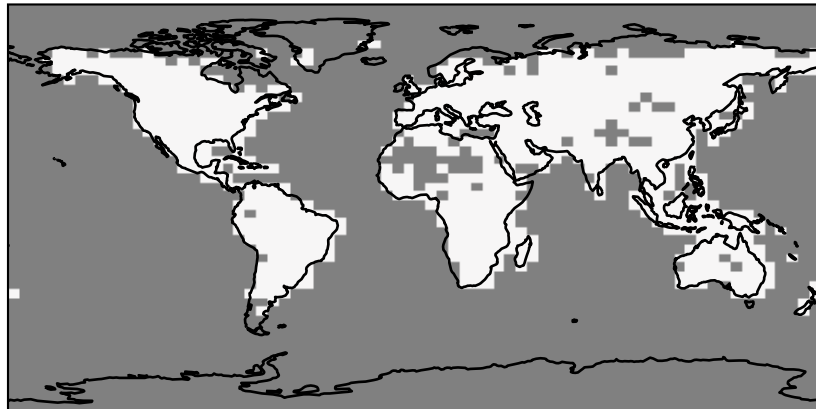
Difference
Dev - Ref, Dynamic Range



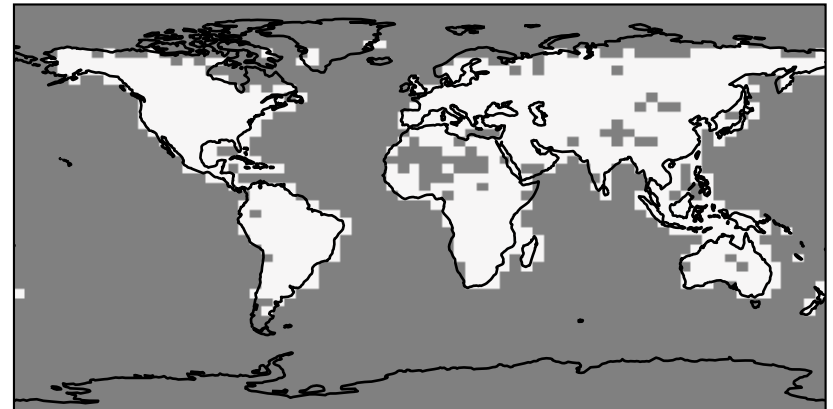
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

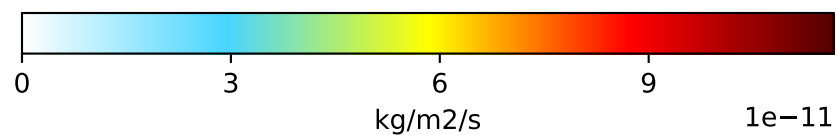
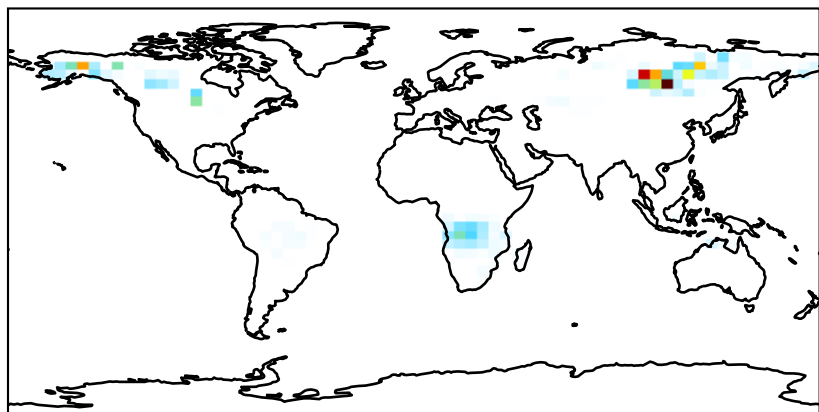


Ratio
Dev/Ref, Fixed Range

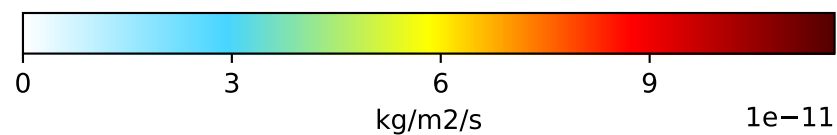
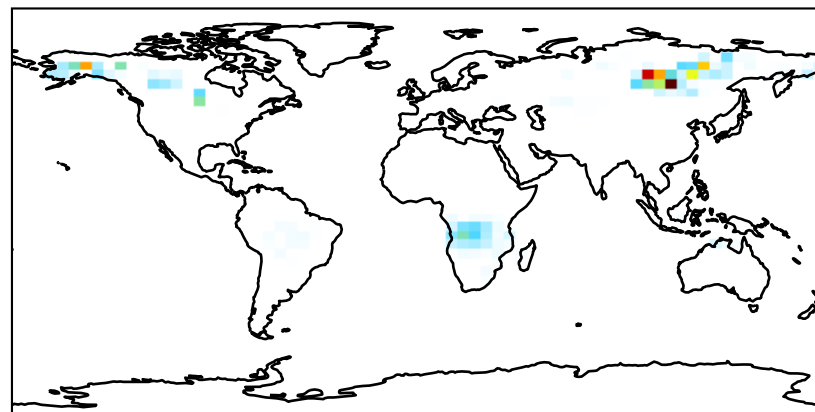


EmisSO2_BioBurn

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



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



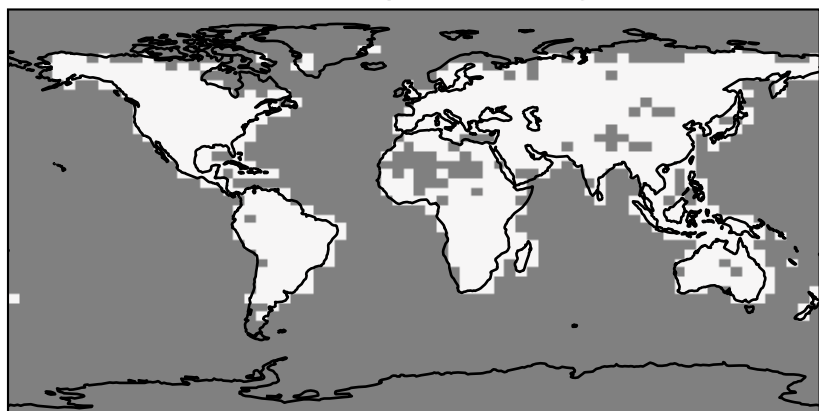
Difference
Dev - Ref, Dynamic Range



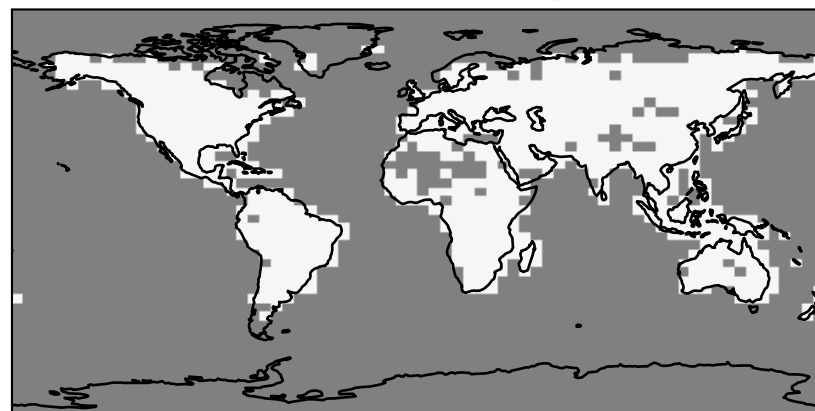
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

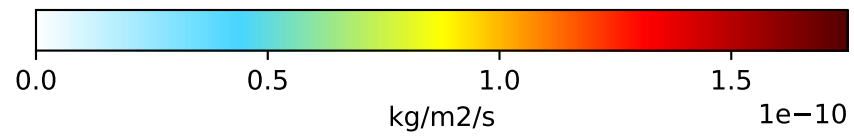
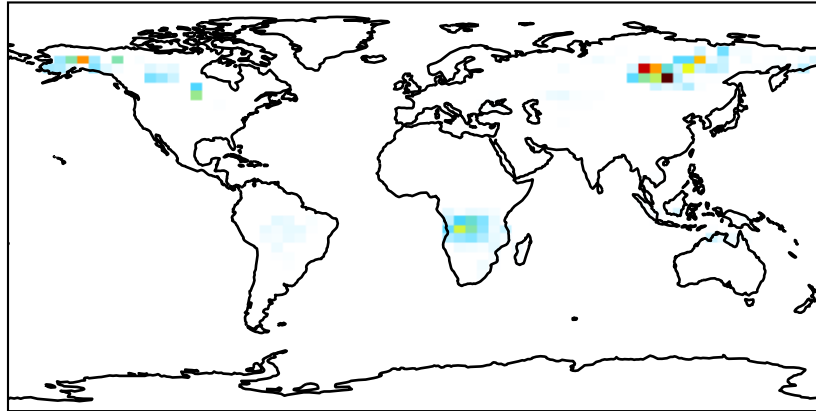


Ratio
Dev/Ref, Fixed Range

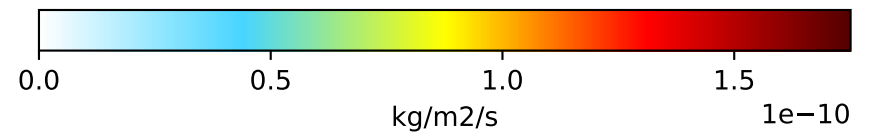
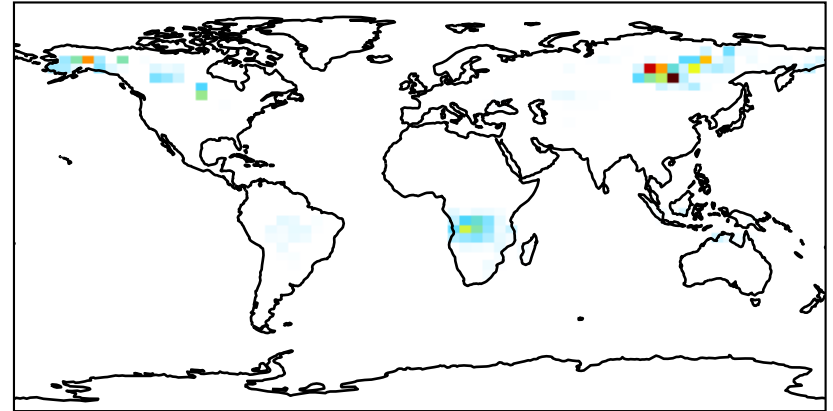


EmisSOAP_BioBurn

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



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



Difference
Dev - Ref, Dynamic Range



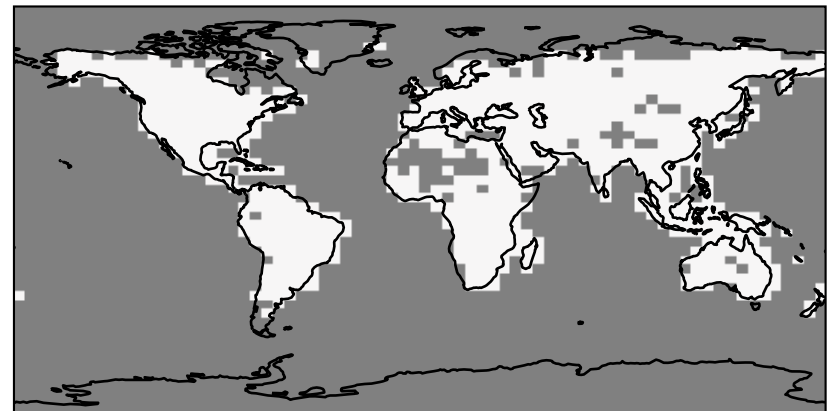
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

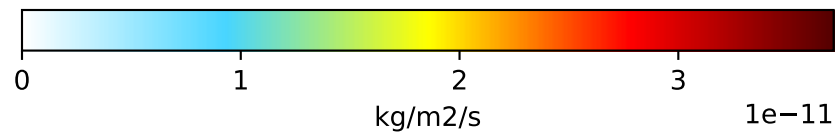
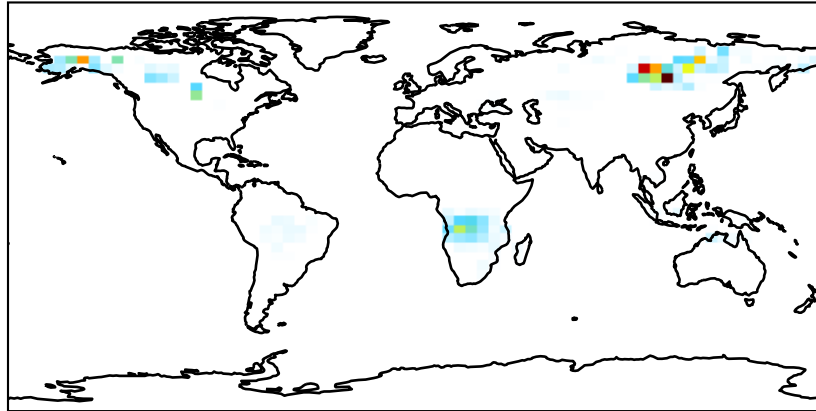


Ratio
Dev/Ref, Fixed Range

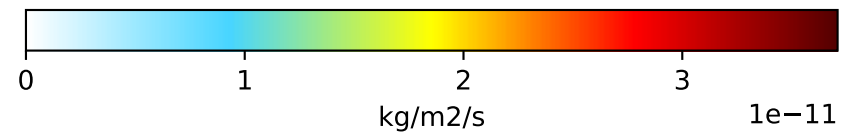
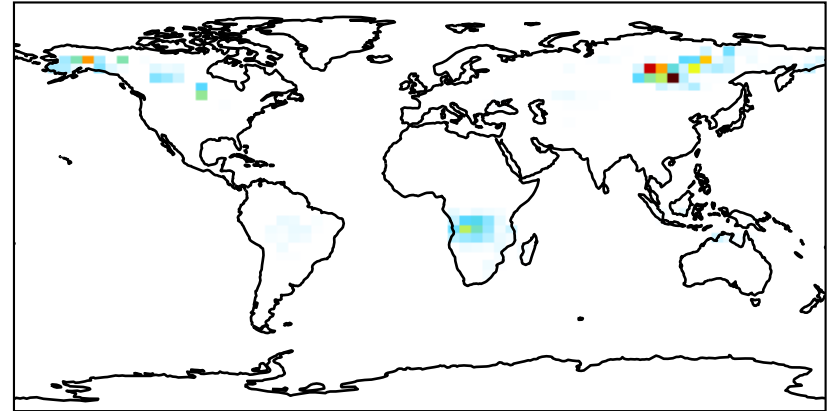


EmisTOLU_BioBurn

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



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



Difference
Dev - Ref, Dynamic Range



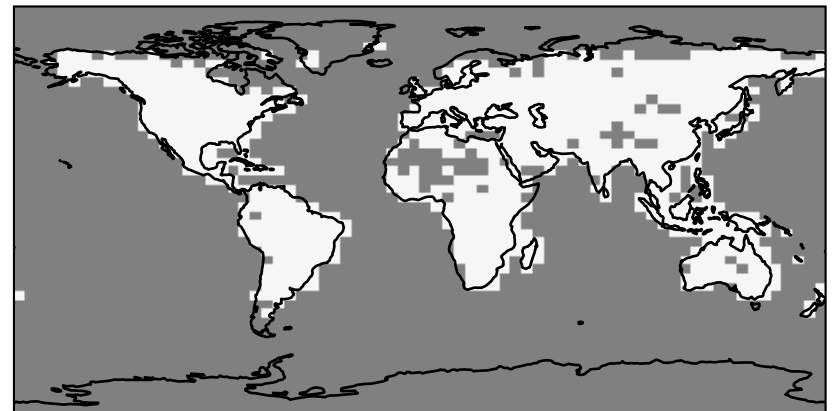
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

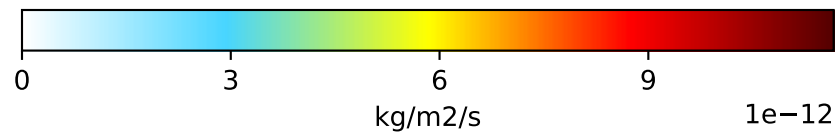
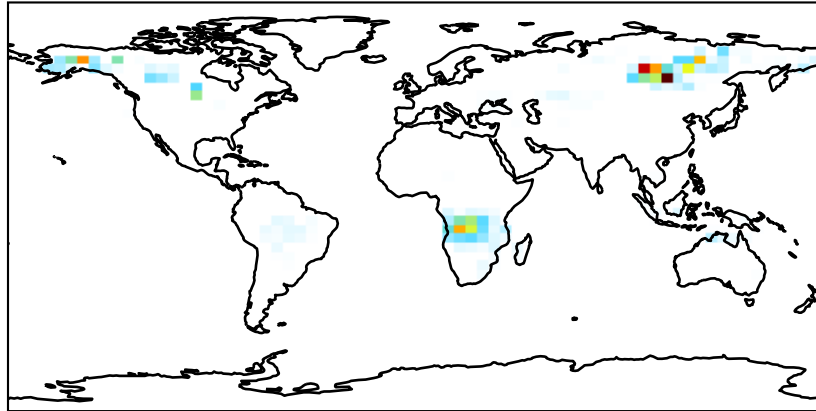


Ratio
Dev/Ref, Fixed Range

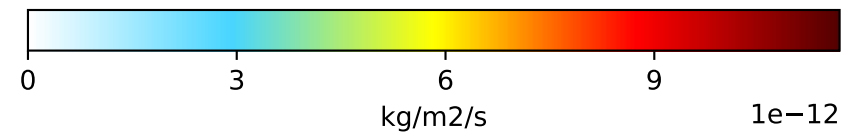
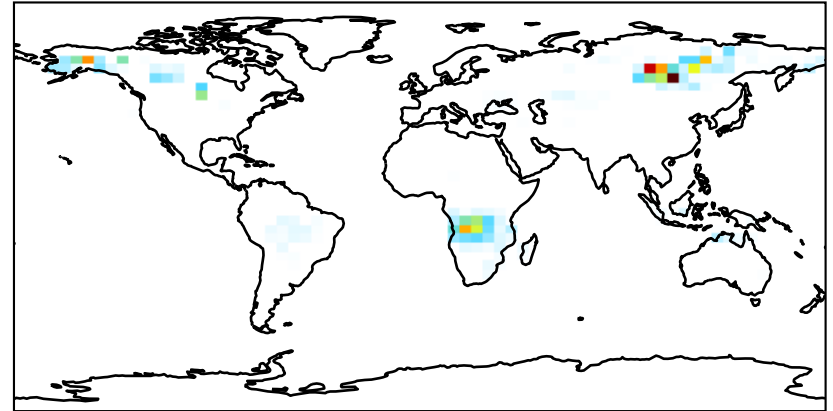


EmisXYLE_BioBurn

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



GCC_14.2.0_GEOS-IT (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

