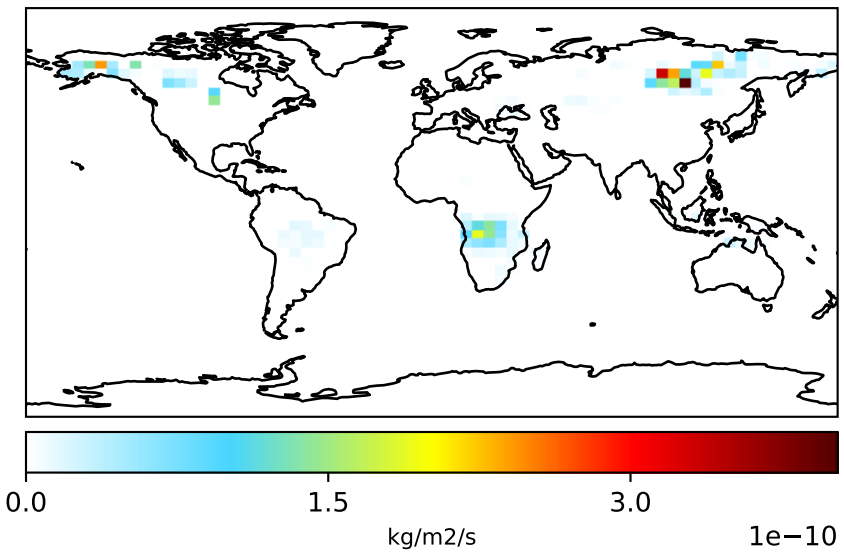
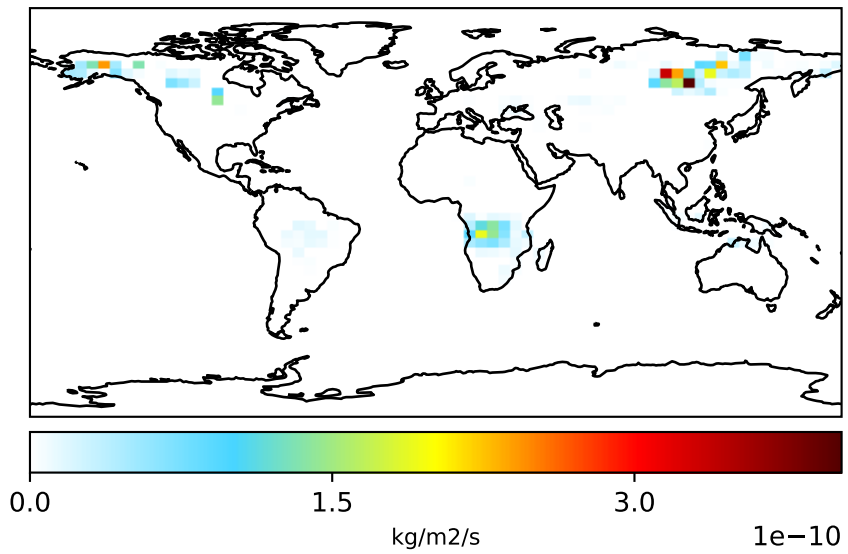
EmisACTA_BioBurn

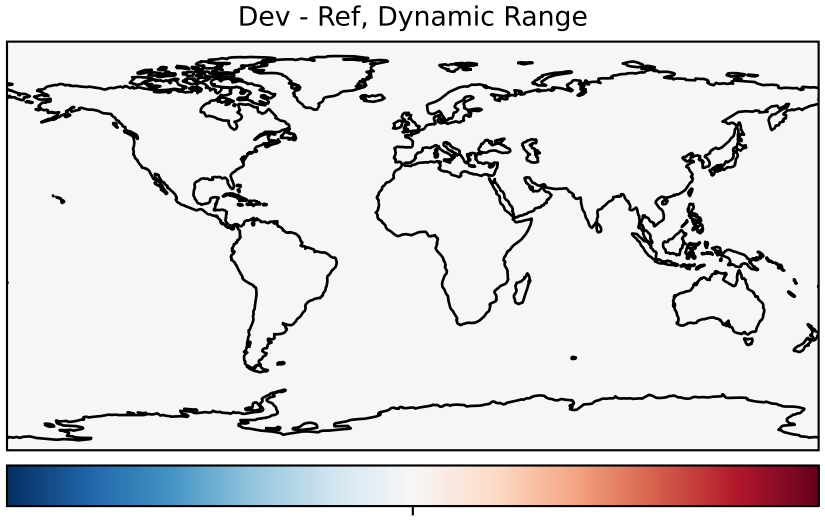
gcc-4x5-1Mon-14.6.0-alpha.8 (Ref)
4.0x5.0



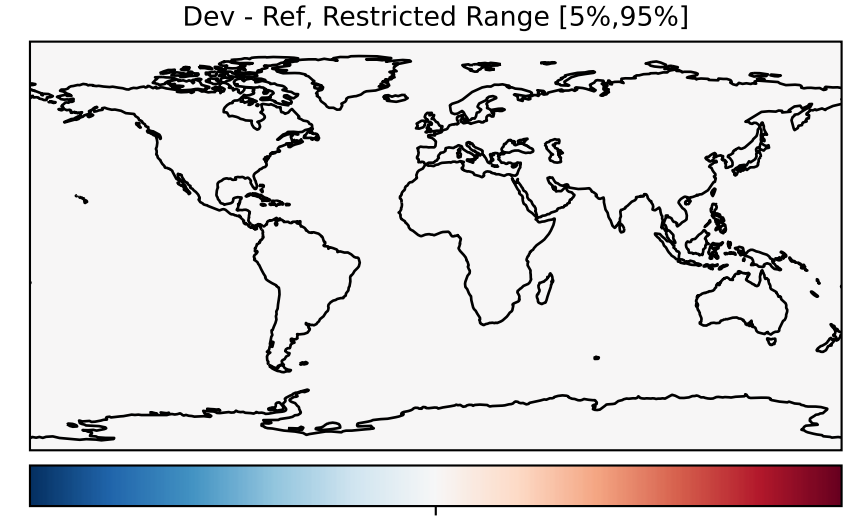
gcc-4x5-1Mon-14.6.0-alpha.15 (Dev)
4.0x5.0



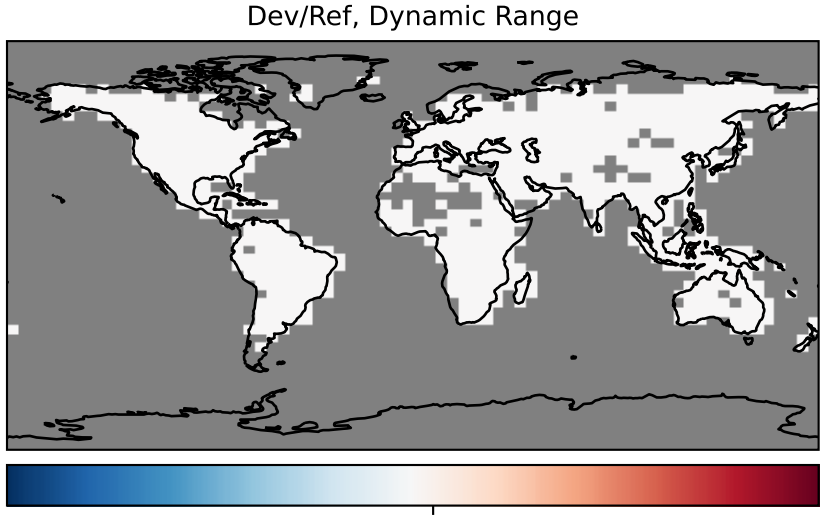
Difference
Dev - Ref, Dynamic Range



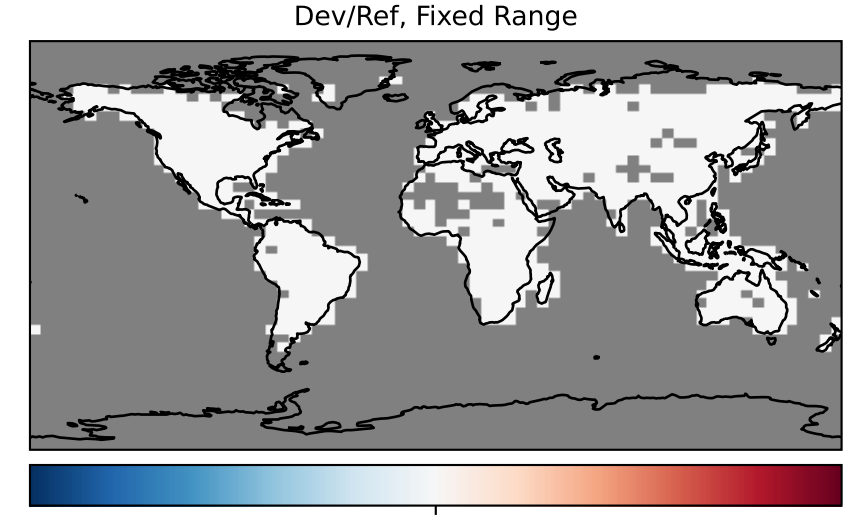
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

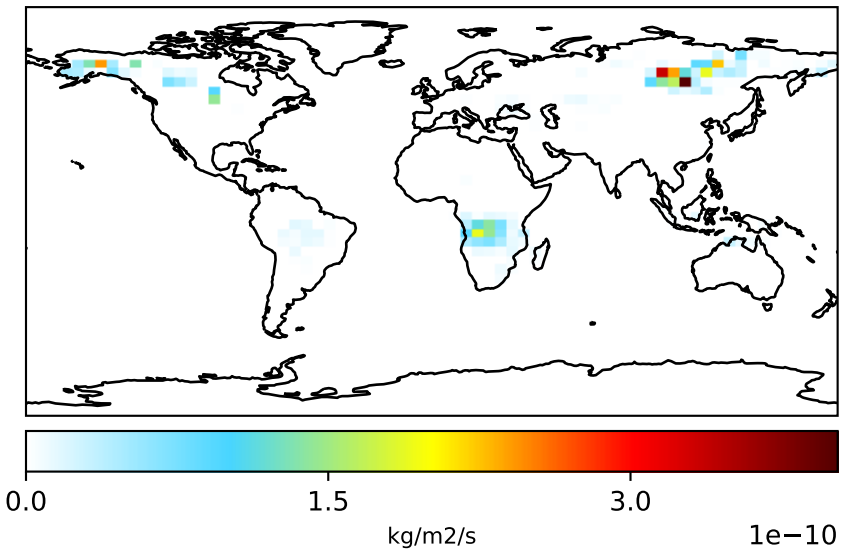


Ratio
Dev/Ref, Fixed Range

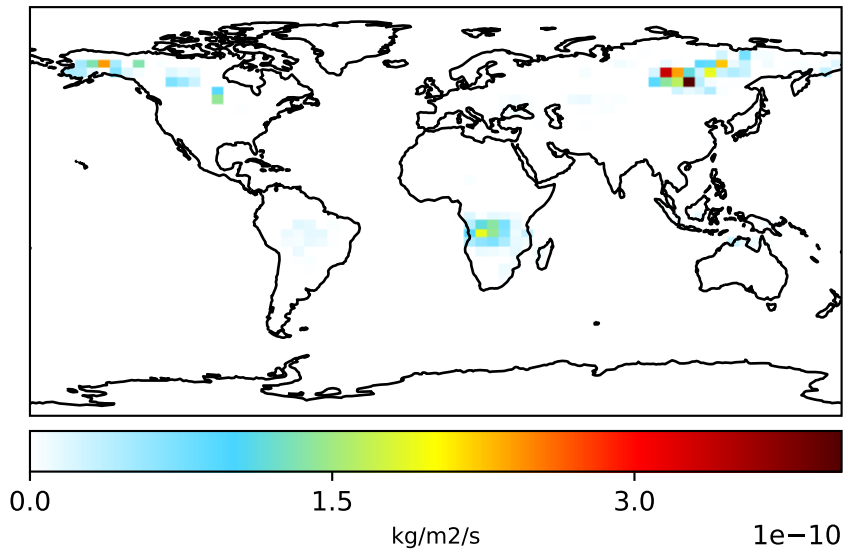


EmisACTA_Total

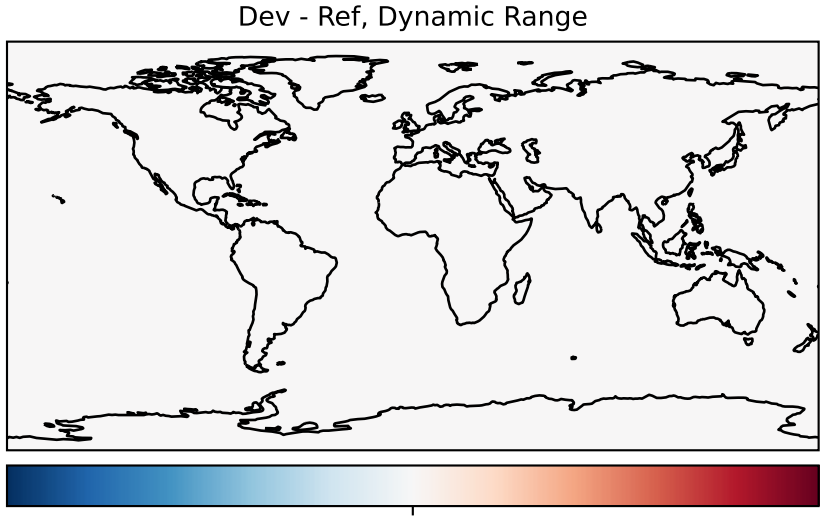
gcc-4x5-1Mon-14.6.0-alpha.8 (Ref)
4.0x5.0



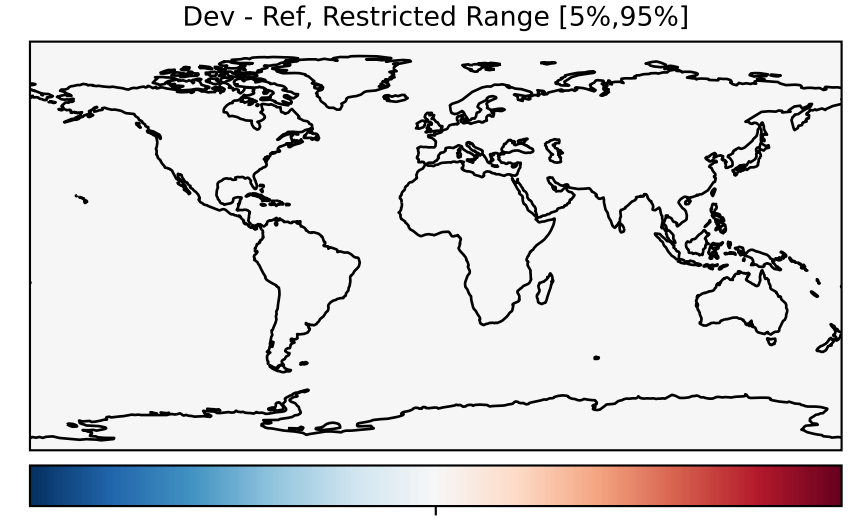
gcc-4x5-1Mon-14.6.0-alpha.15 (Dev)
4.0x5.0



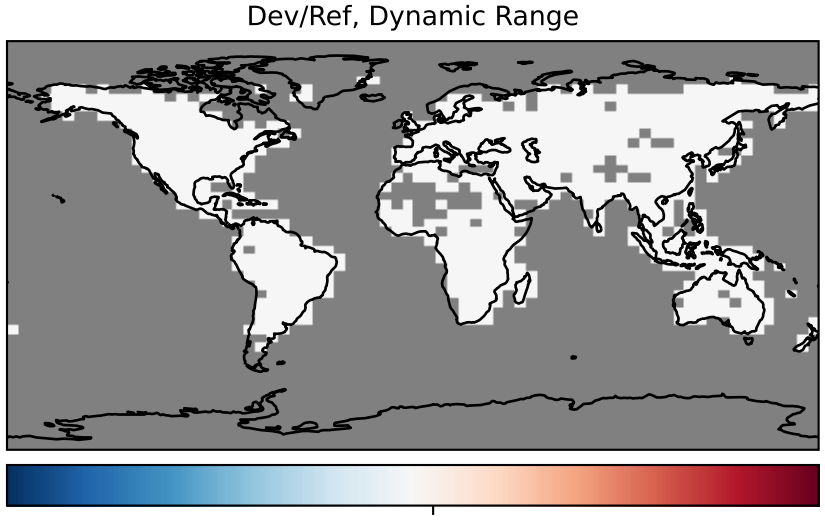
Difference
Dev - Ref, Dynamic Range



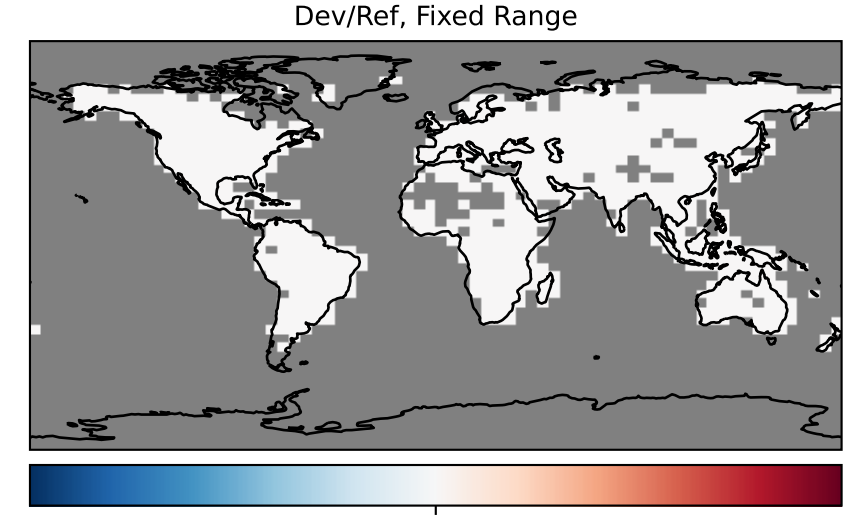
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

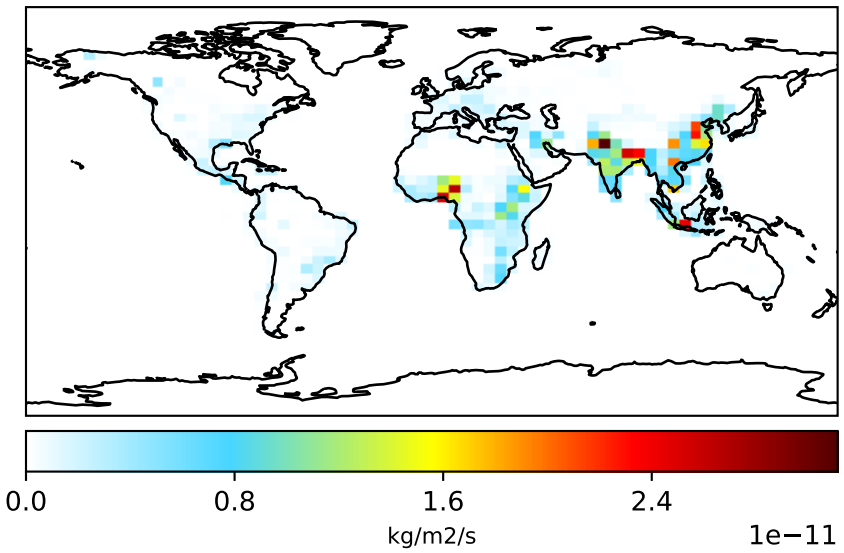


Ratio
Dev/Ref, Fixed Range

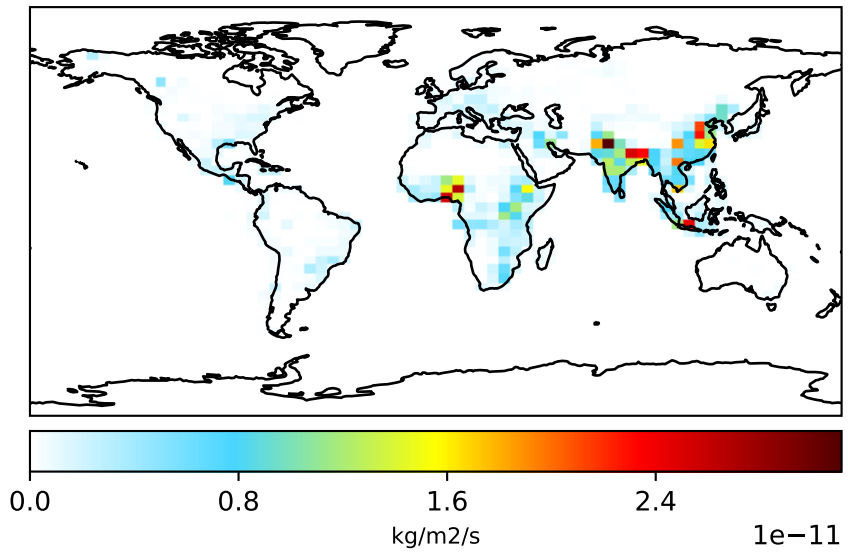


EmisHCOOH_Anthro

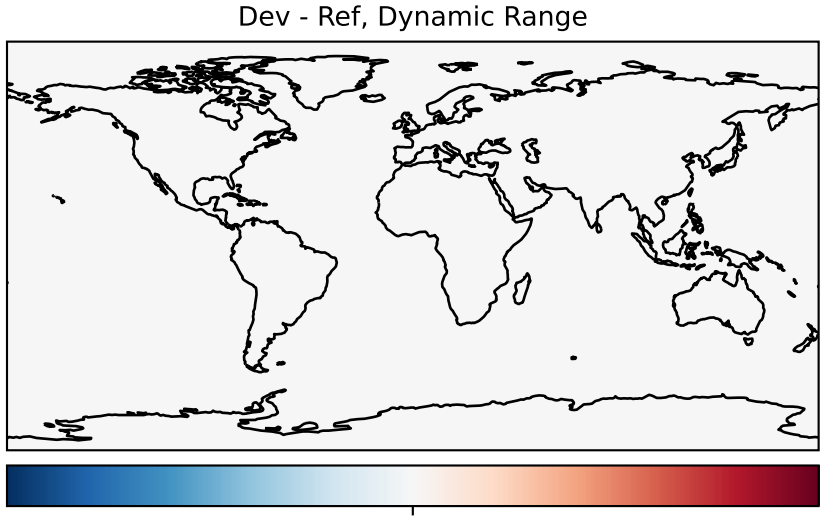
gcc-4x5-1Mon-14.6.0-alpha.8 (Ref)
4.0x5.0



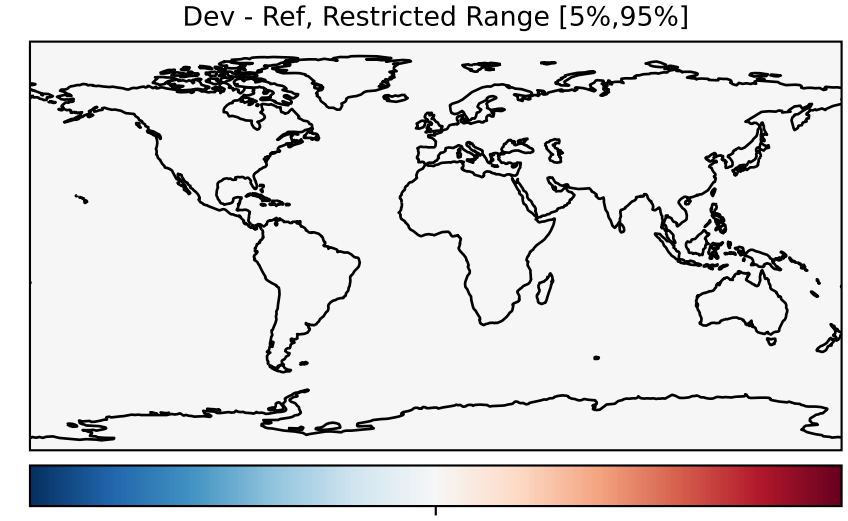
gcc-4x5-1Mon-14.6.0-alpha.15 (Dev)
4.0x5.0



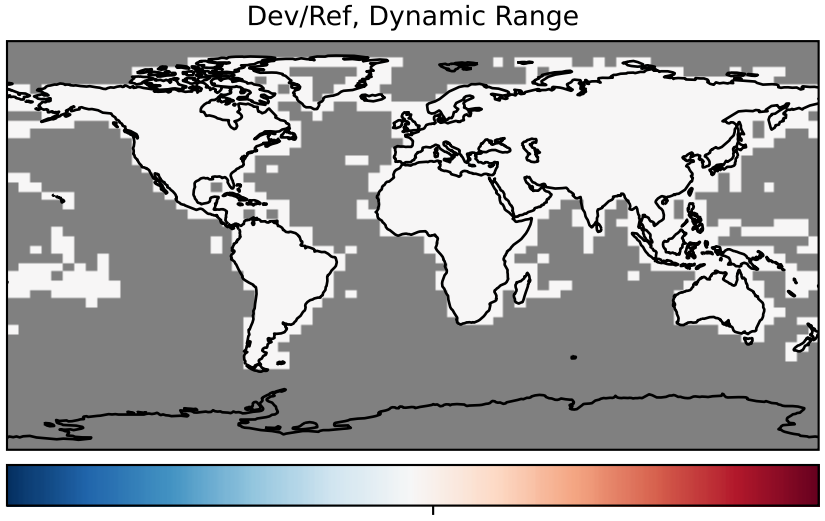
Difference
Dev - Ref, Dynamic Range



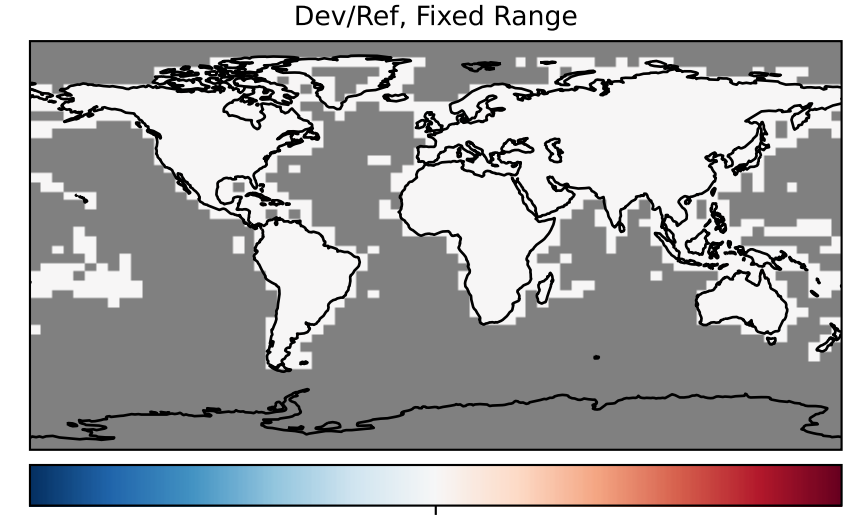
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

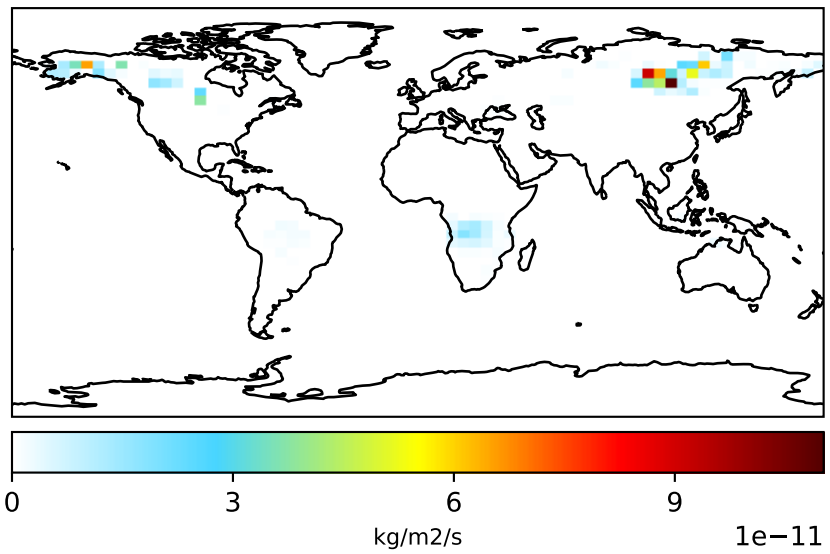


Ratio
Dev/Ref, Fixed Range

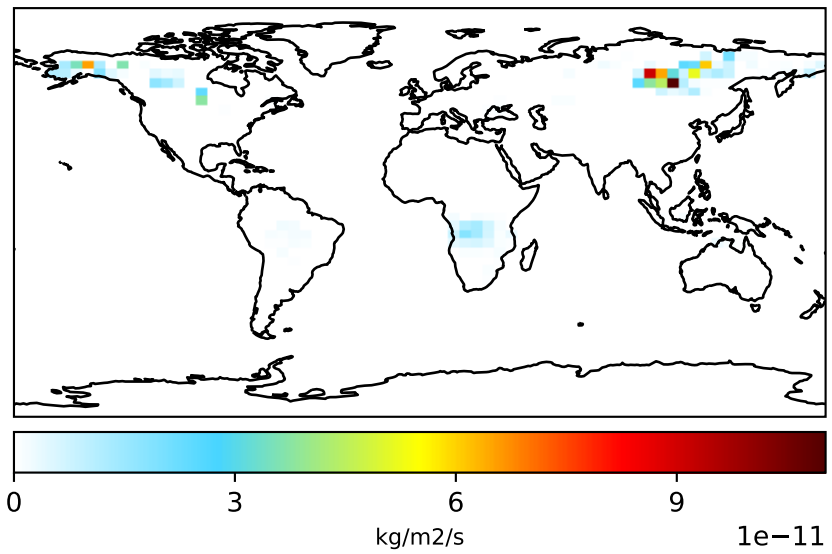


EmisHCOOH_BioBurn

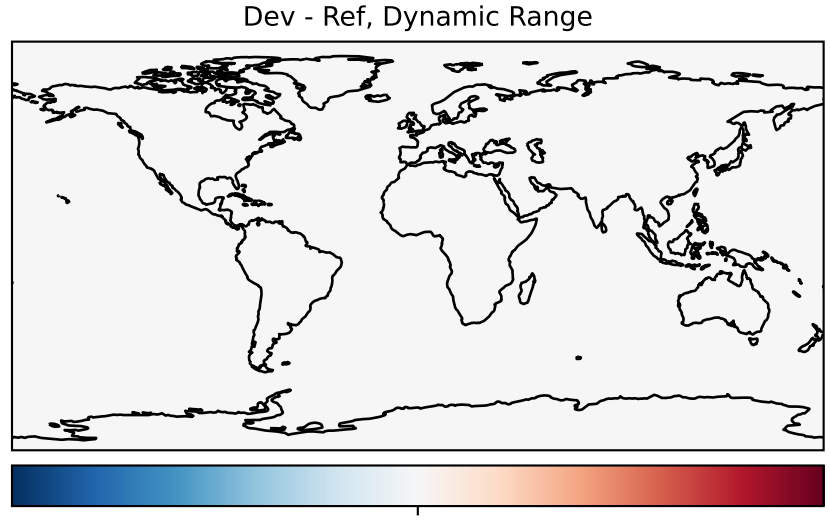
gcc-4x5-1Mon-14.6.0-alpha.8 (Ref)
4.0x5.0



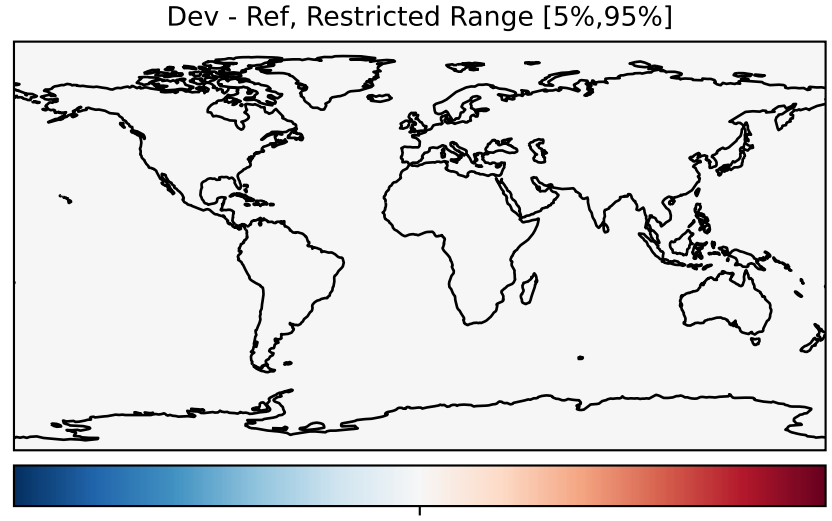
gcc-4x5-1Mon-14.6.0-alpha.15 (Dev)
4.0x5.0



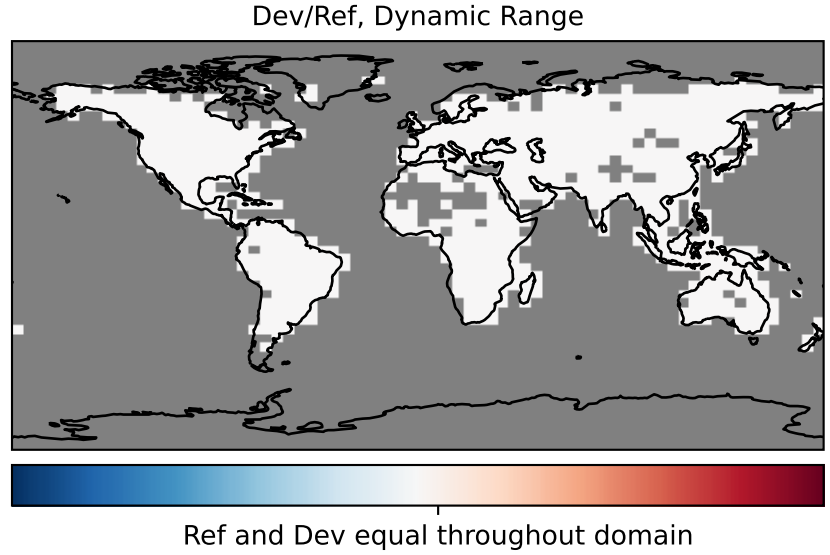
Difference
Dev - Ref, Dynamic Range



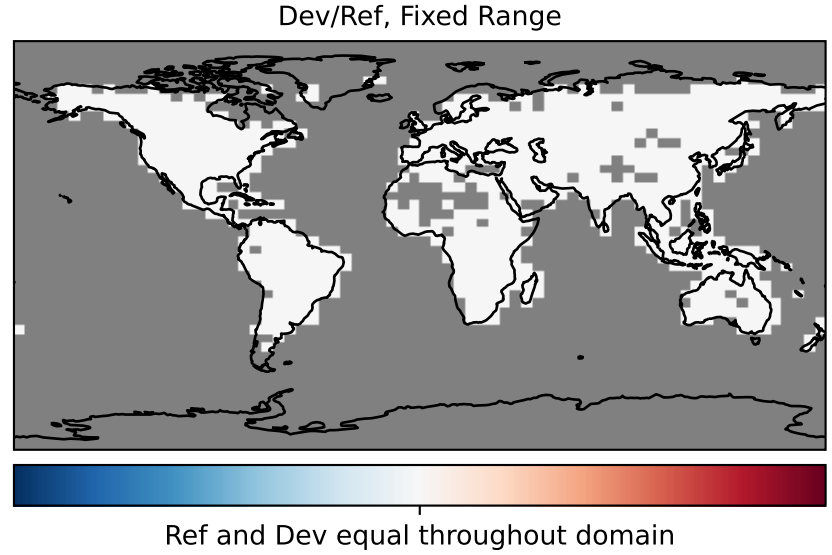
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

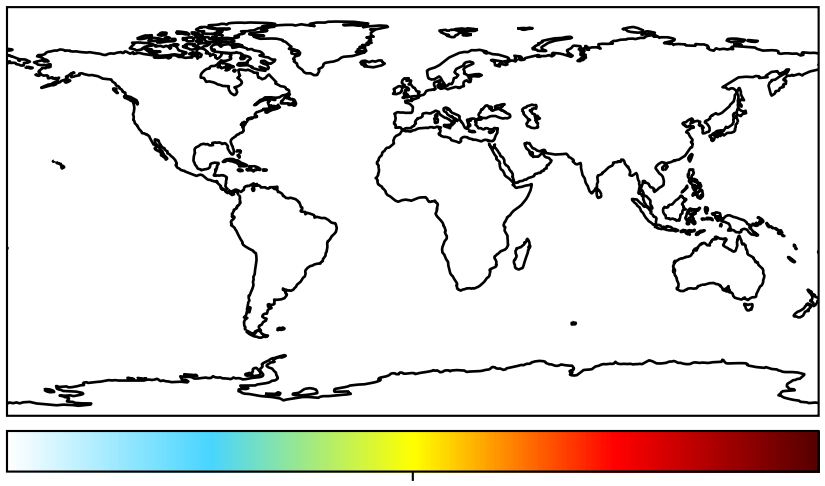


Ratio
Dev/Ref, Fixed Range



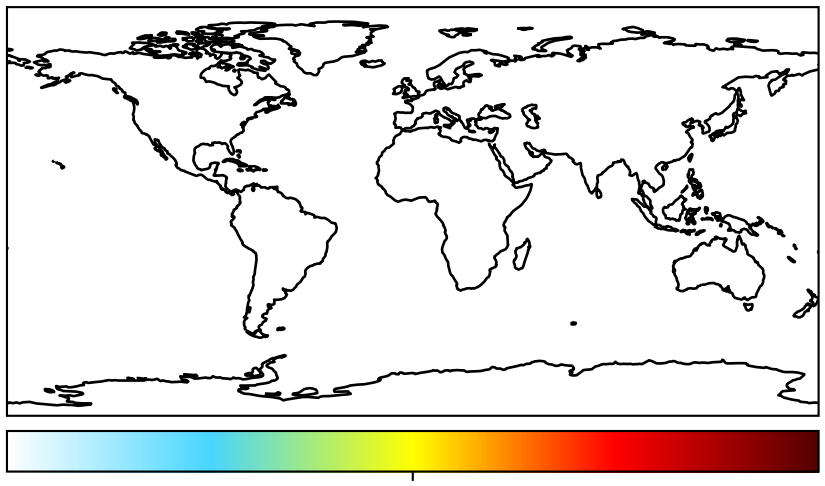
EmisHCOOH_Ship

gcc-4x5-1Mon-14.6.0-alpha.8 (Ref)
4.0x5.0



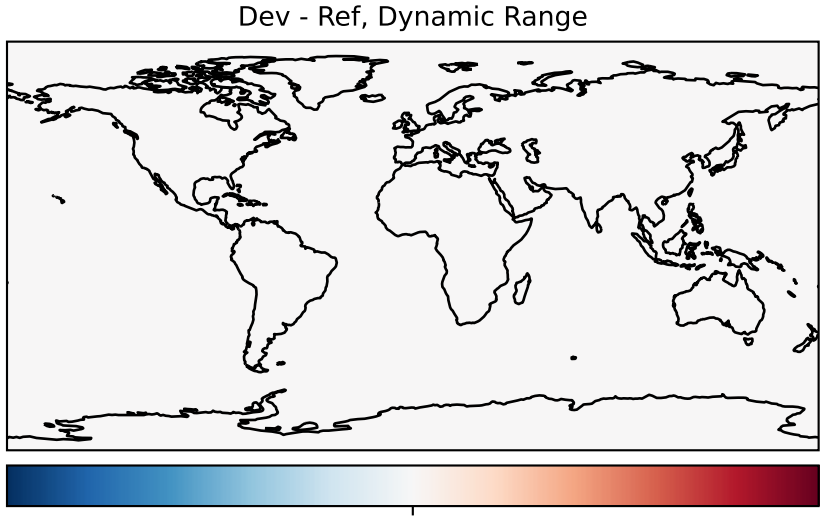
Zero throughout domain
kg/m2/s

gcc-4x5-1Mon-14.6.0-alpha.15 (Dev)
4.0x5.0



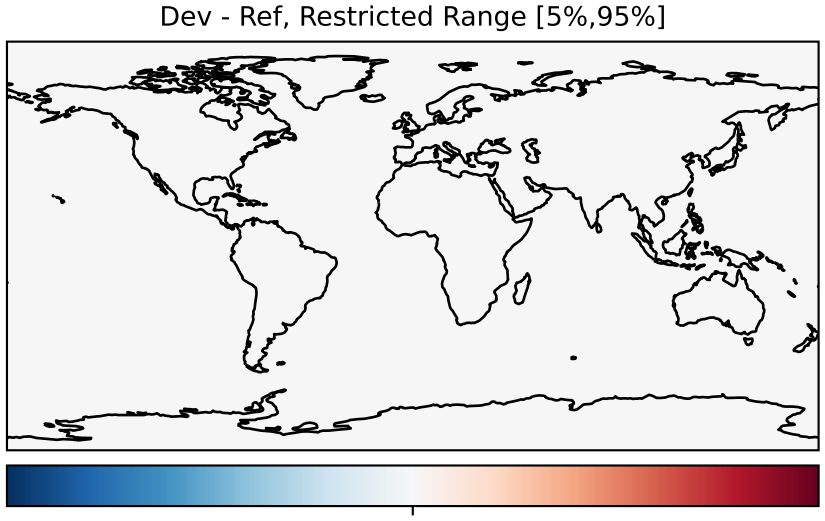
Zero throughout domain
kg/m2/s

Difference
Dev - Ref, Dynamic Range



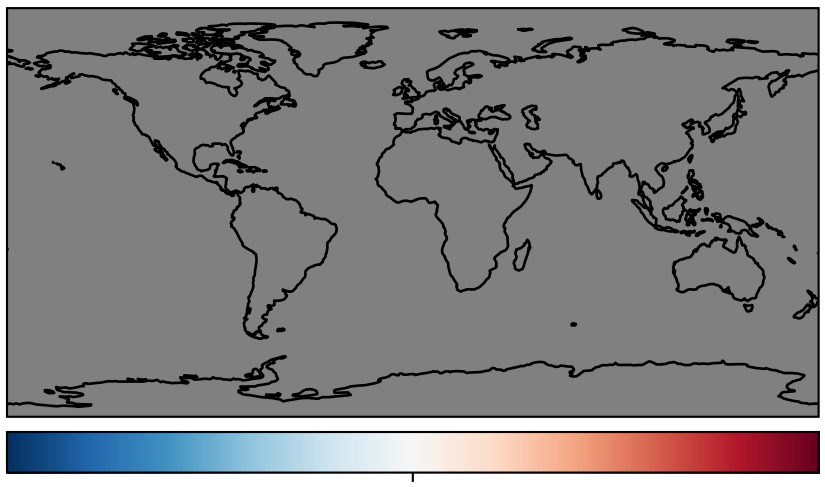
Zero throughout domain
kg/m2/s

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



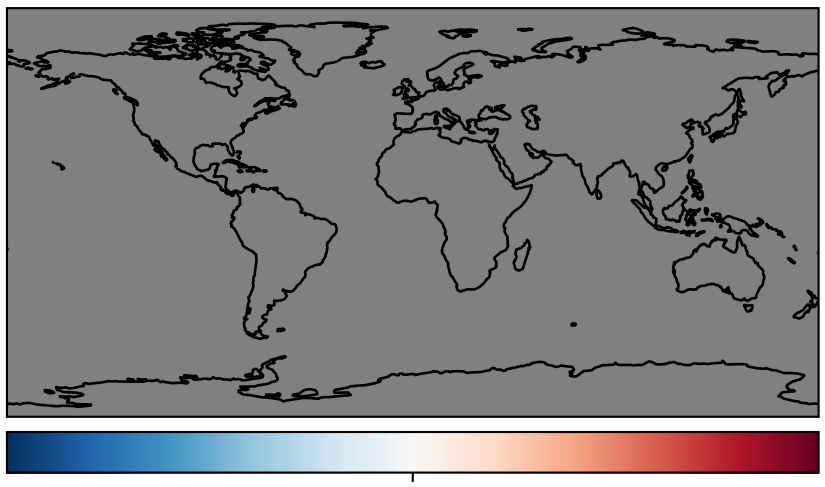
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

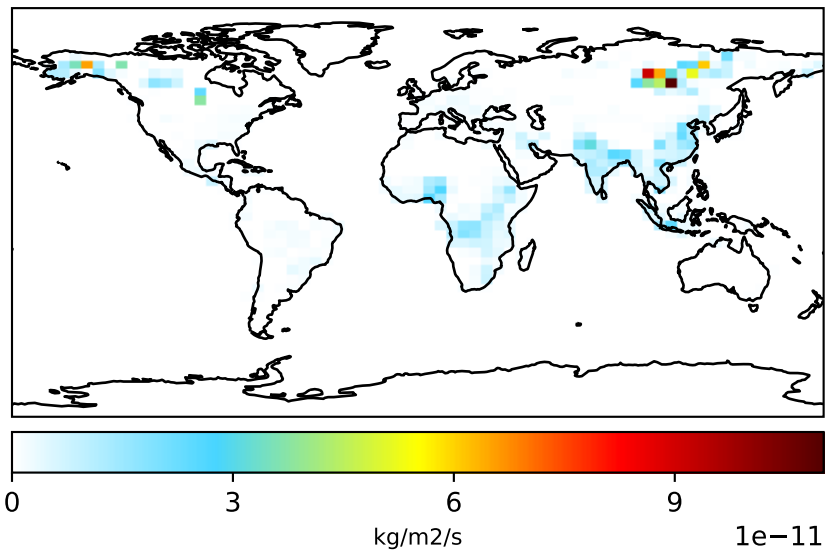
Ratio
Dev/Ref, Fixed Range



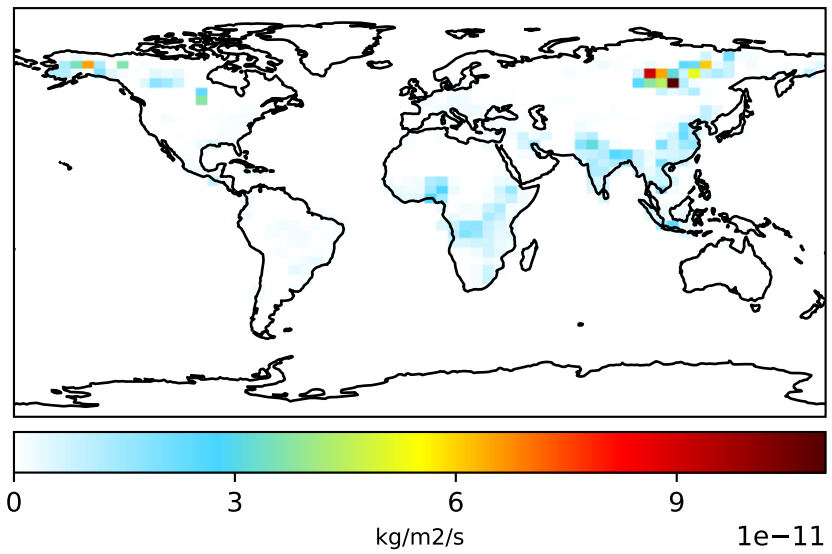
Undefined throughout domain
unitless

EmisHCOOH_Total

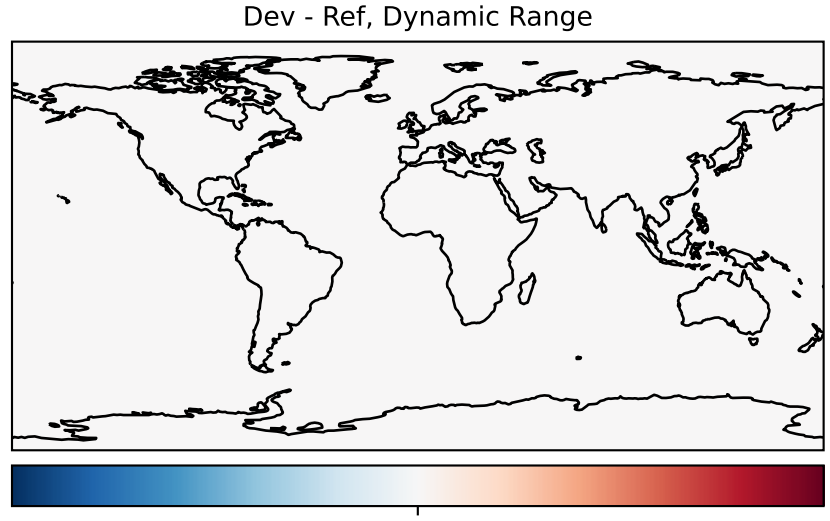
gcc-4x5-1Mon-14.6.0-alpha.8 (Ref)
4.0x5.0



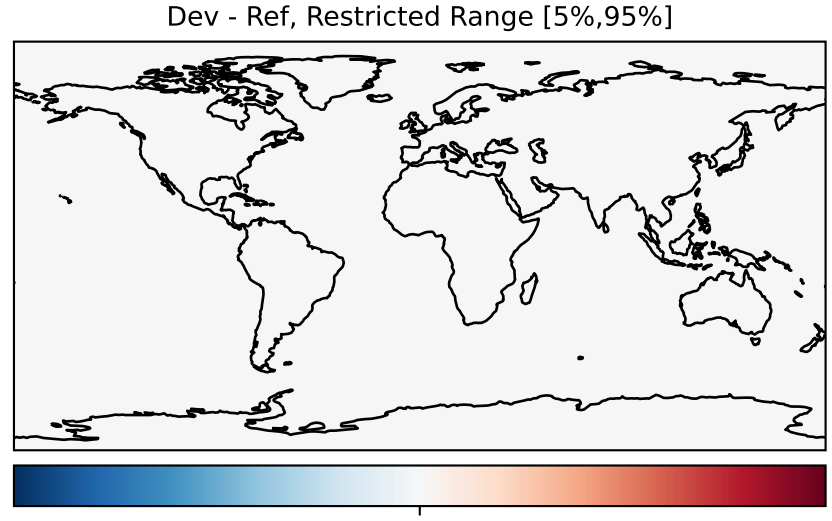
gcc-4x5-1Mon-14.6.0-alpha.15 (Dev)
4.0x5.0



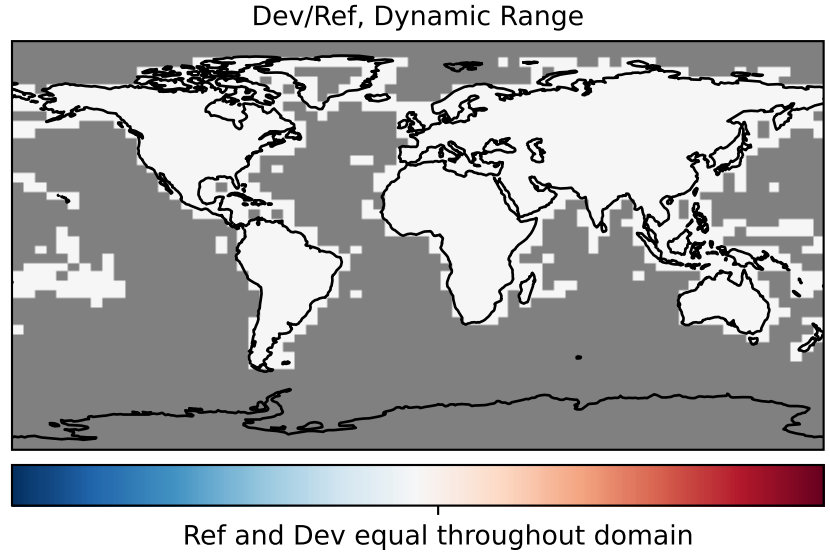
Difference
Dev - Ref, Dynamic Range



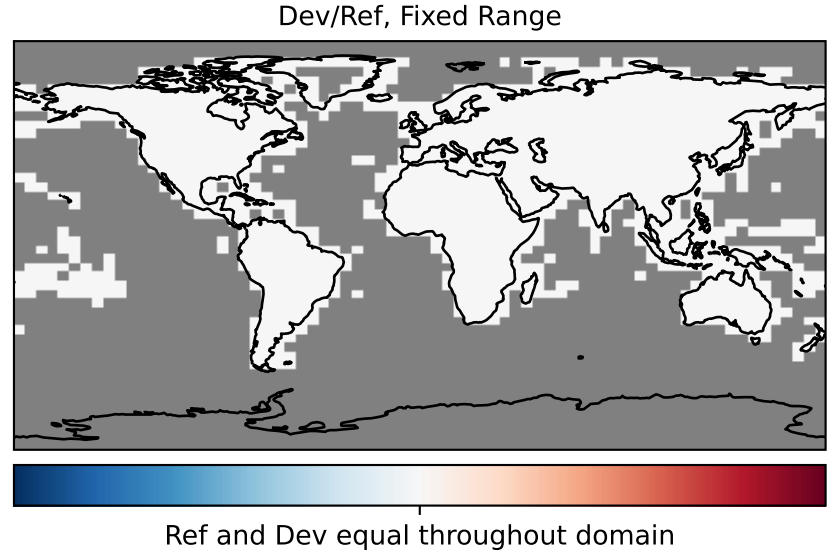
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

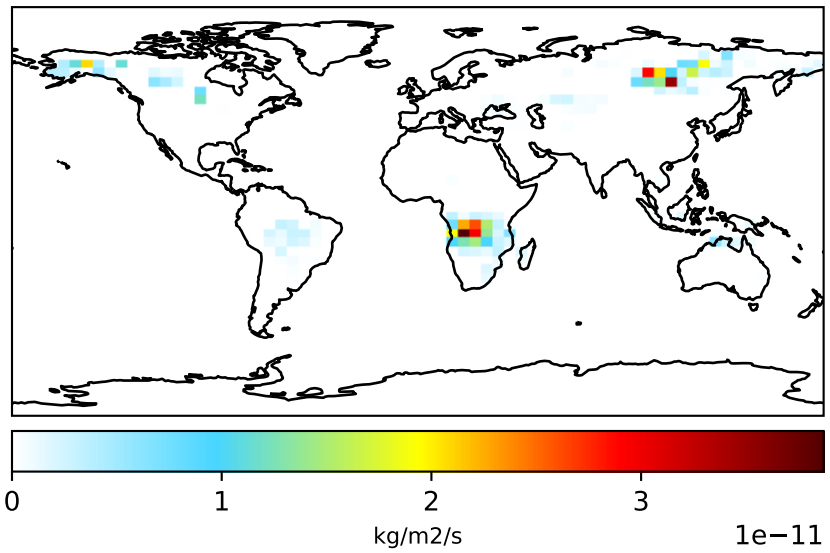


Ratio
Dev/Ref, Fixed Range

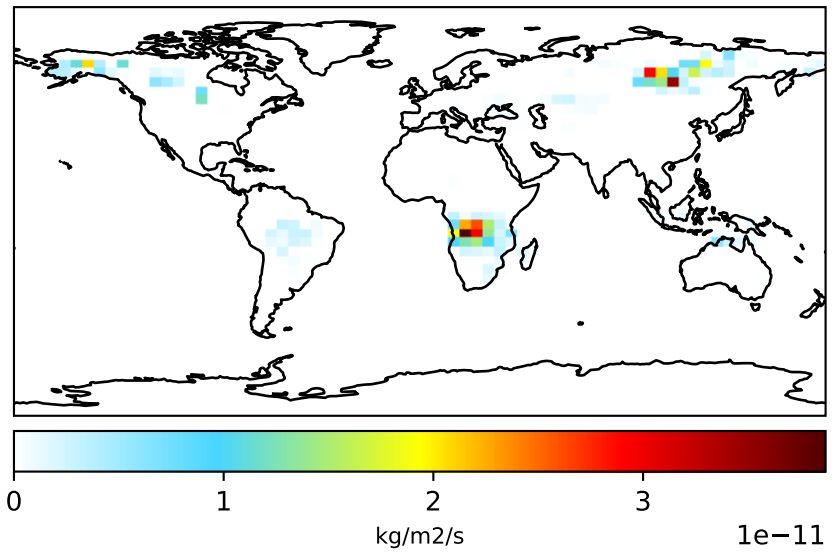


EmisACR_BioBurn

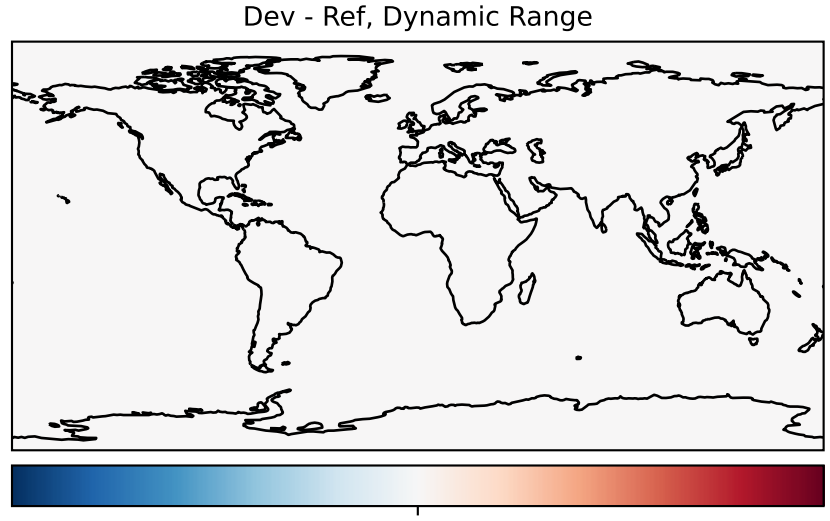
gcc-4x5-1Mon-14.6.0-alpha.8 (Ref)
4.0x5.0



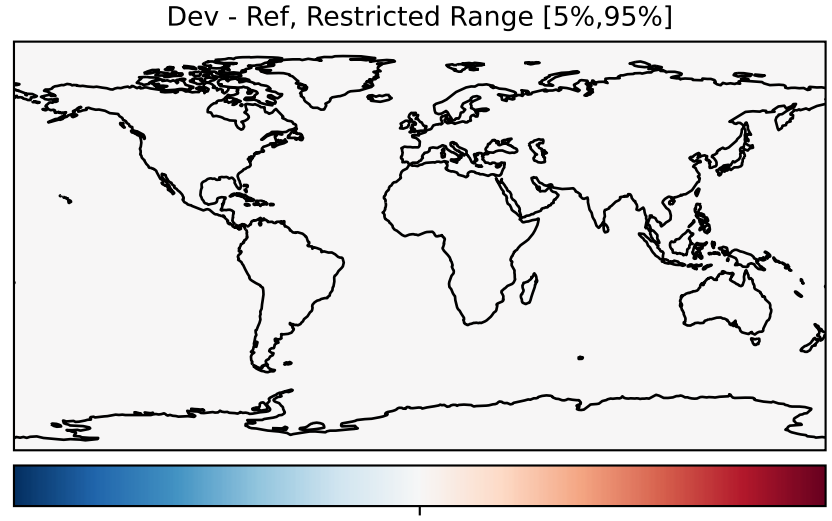
gcc-4x5-1Mon-14.6.0-alpha.15 (Dev)
4.0x5.0



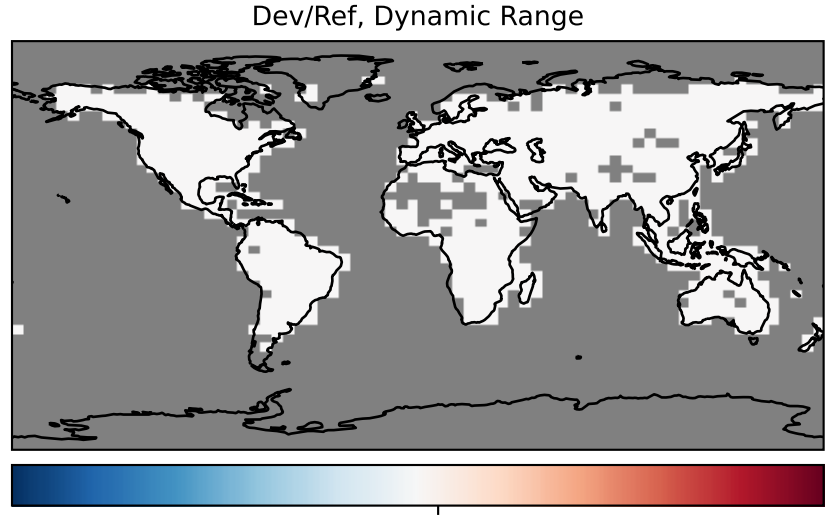
Difference
Dev - Ref, Dynamic Range



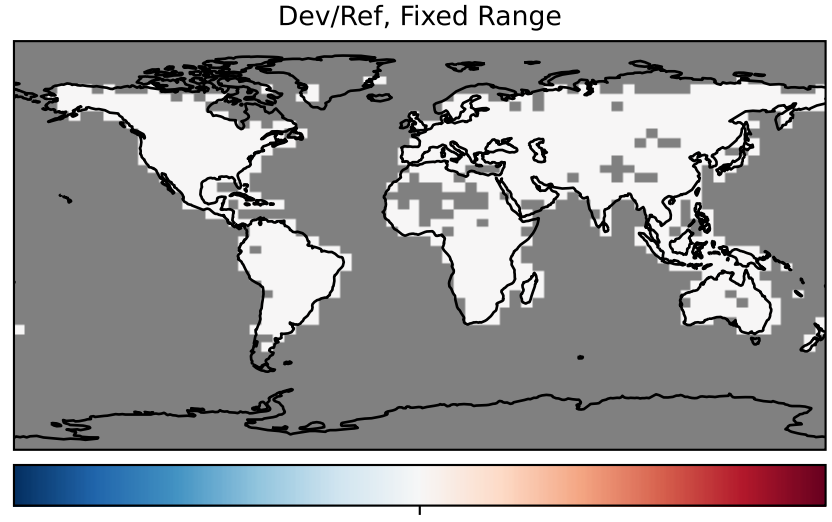
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

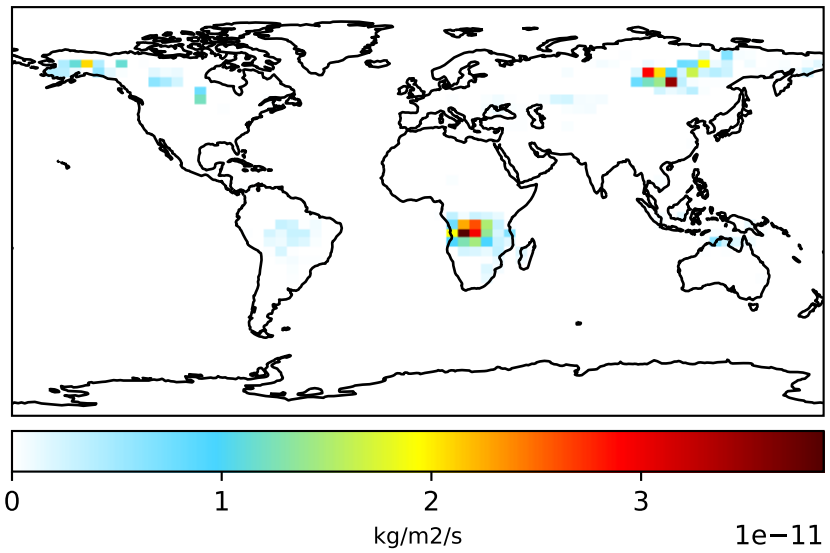


Ratio
Dev/Ref, Fixed Range

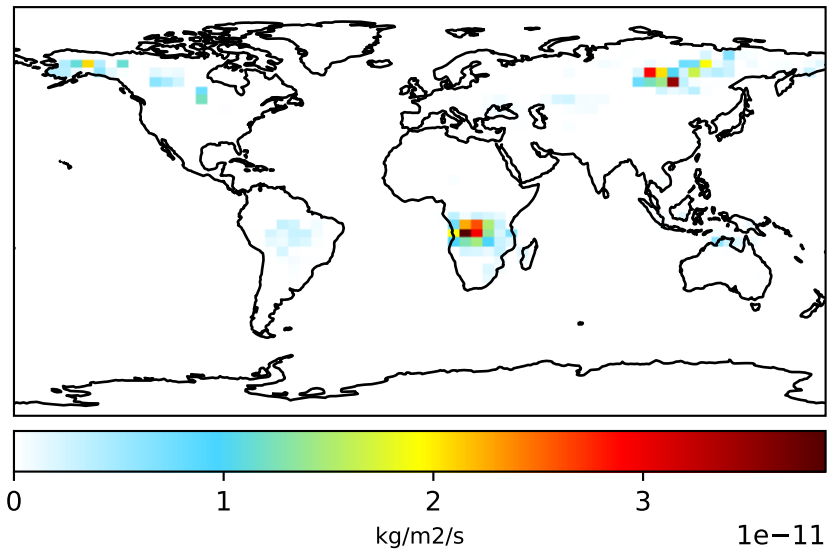


EmisACR_Total

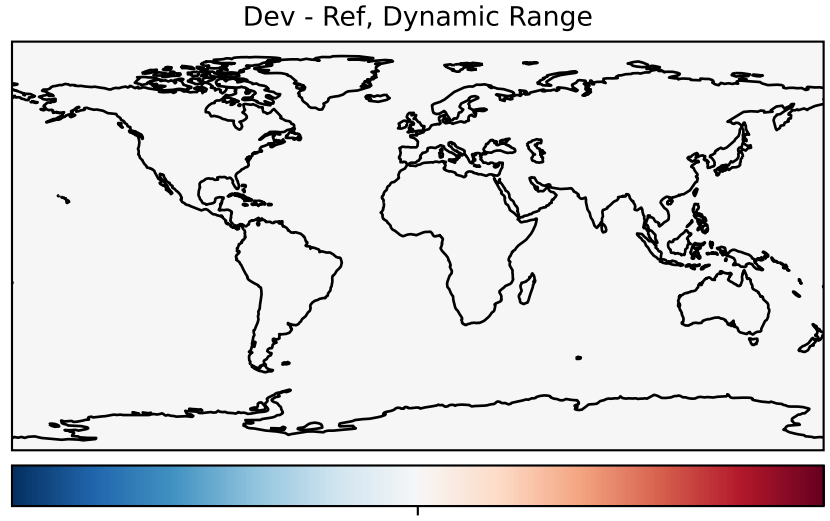
gcc-4x5-1Mon-14.6.0-alpha.8 (Ref)
4.0x5.0



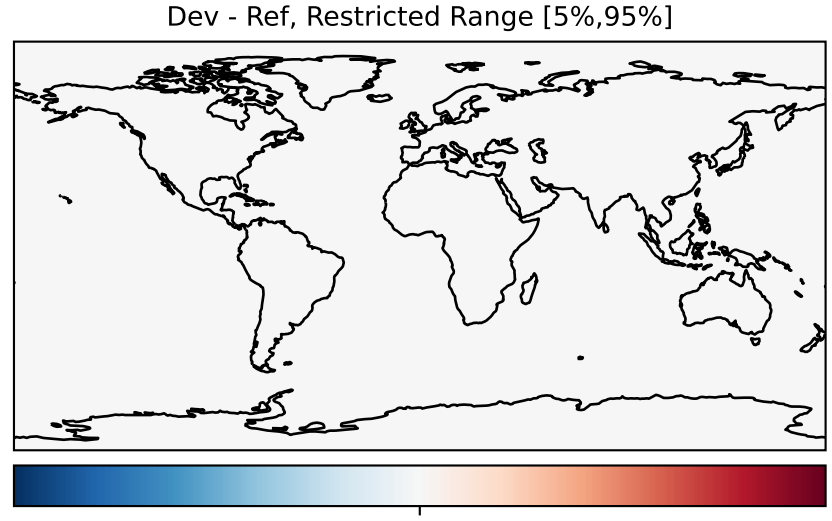
gcc-4x5-1Mon-14.6.0-alpha.15 (Dev)
4.0x5.0



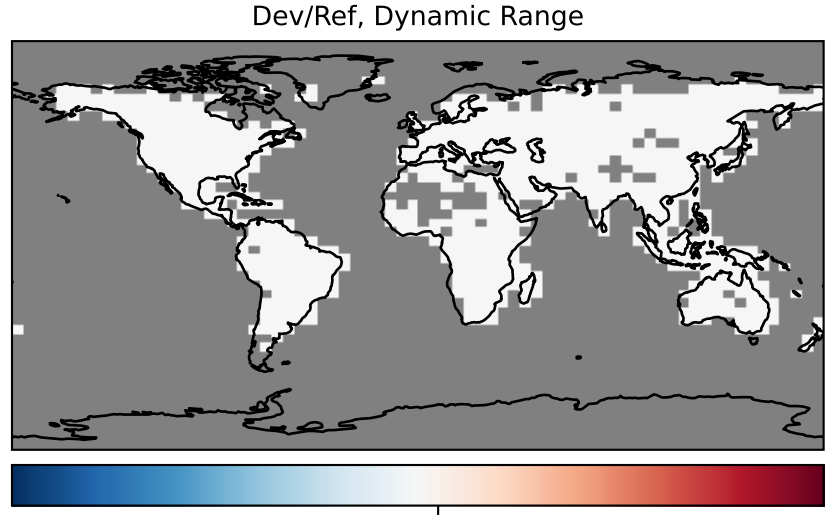
Difference
Dev - Ref, Dynamic Range



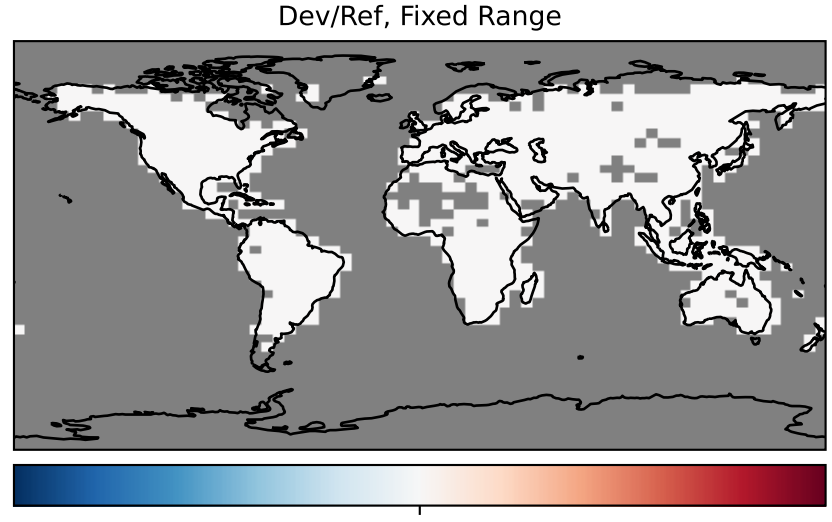
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

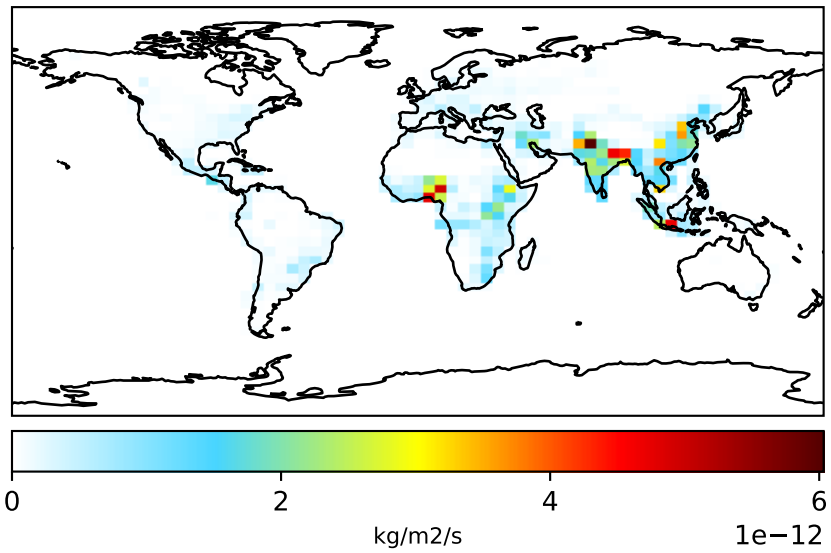


Ratio
Dev/Ref, Fixed Range

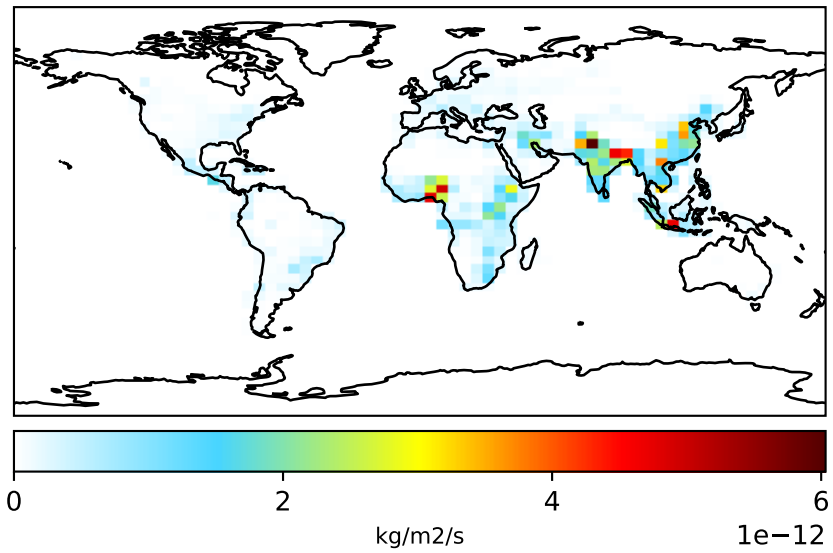


EmisALD2_Anthro

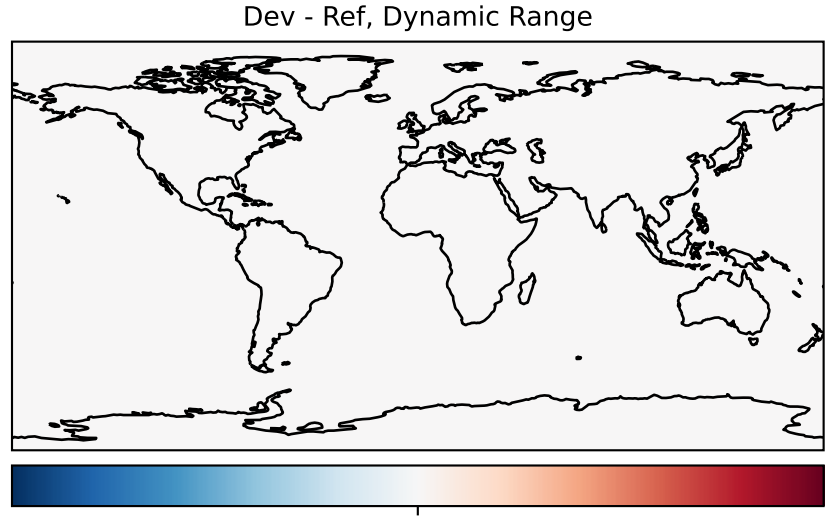
gcc-4x5-1Mon-14.6.0-alpha.8 (Ref)
4.0x5.0



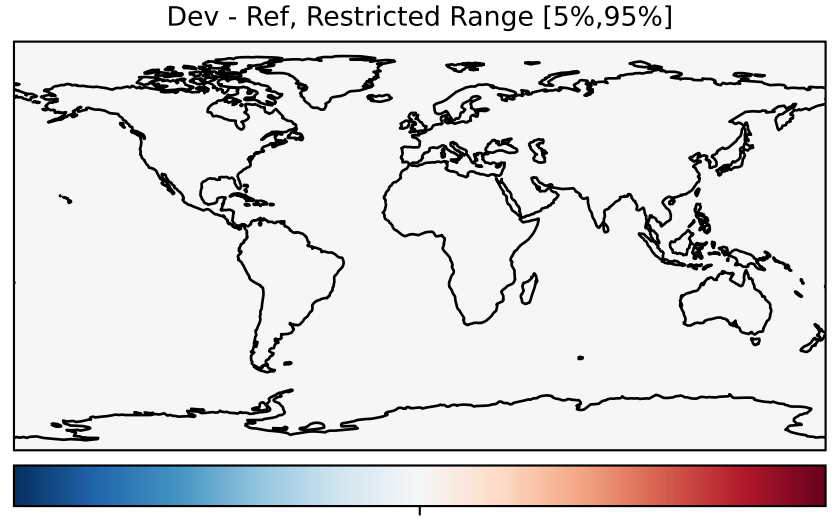
gcc-4x5-1Mon-14.6.0-alpha.15 (Dev)
4.0x5.0



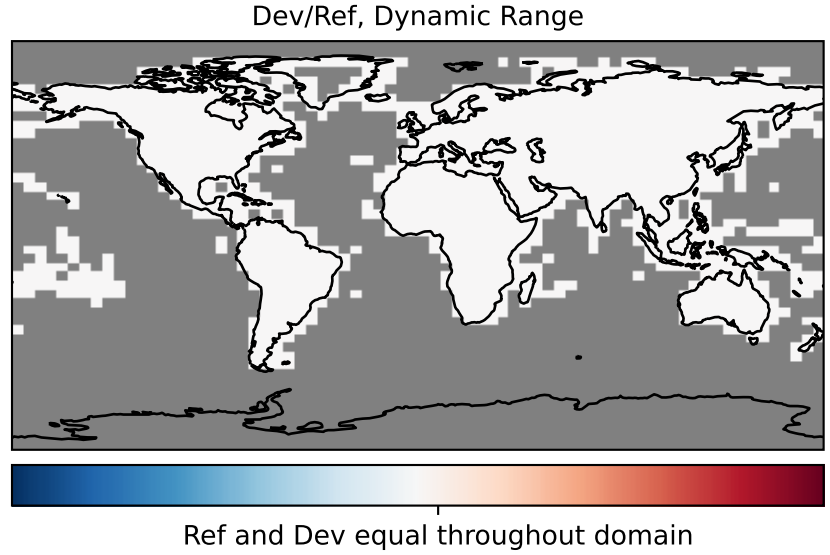
Difference
Dev - Ref, Dynamic Range



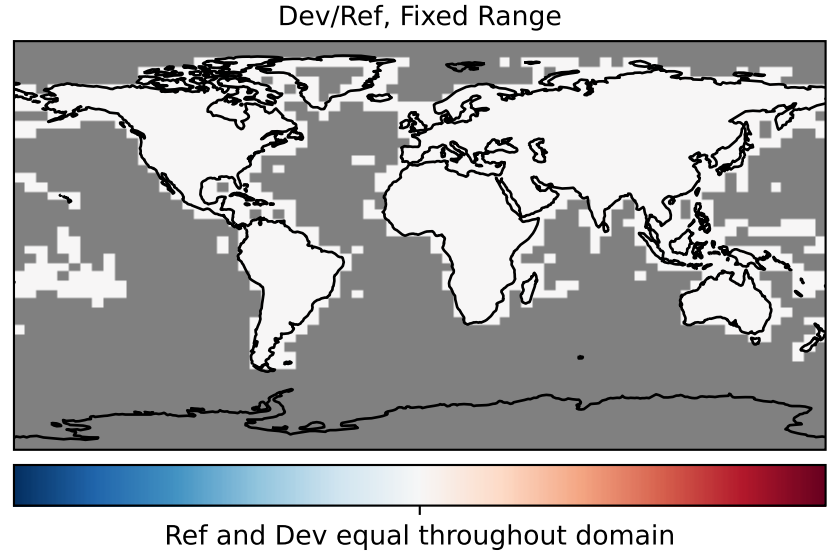
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

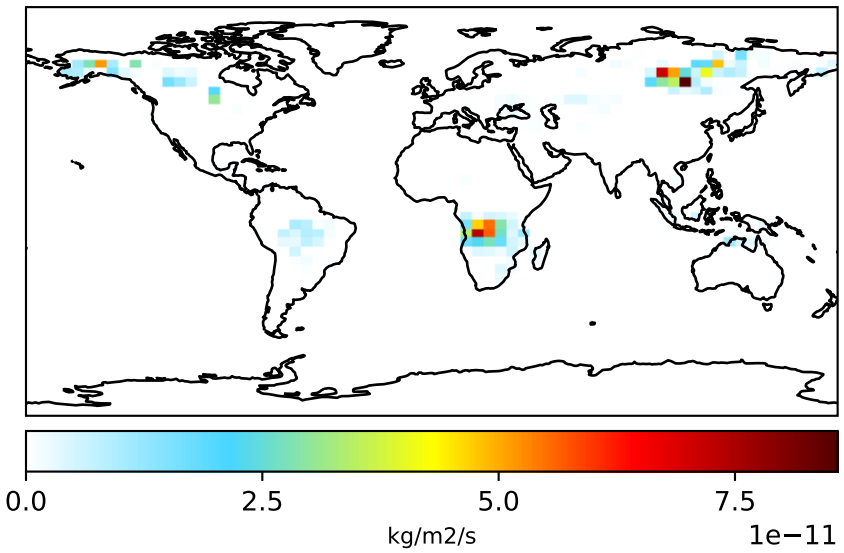


Ratio
Dev/Ref, Fixed Range

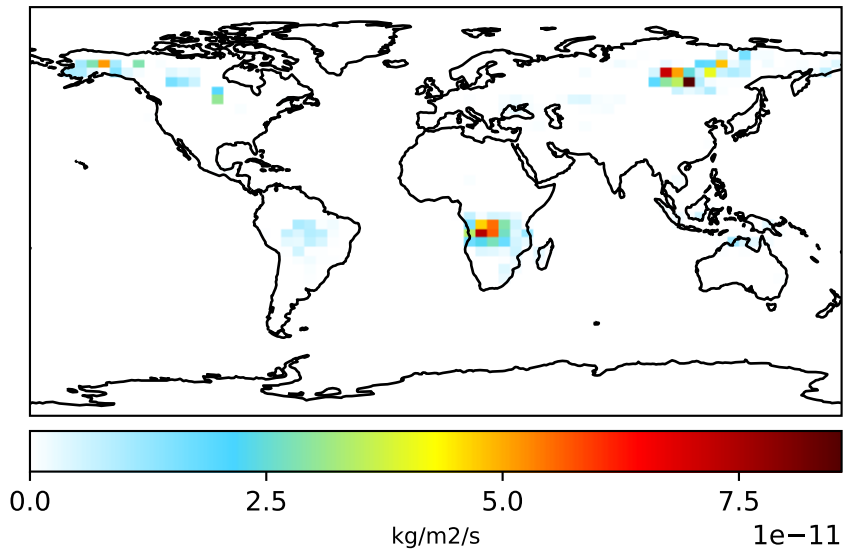


EmisALD2_BioBurn

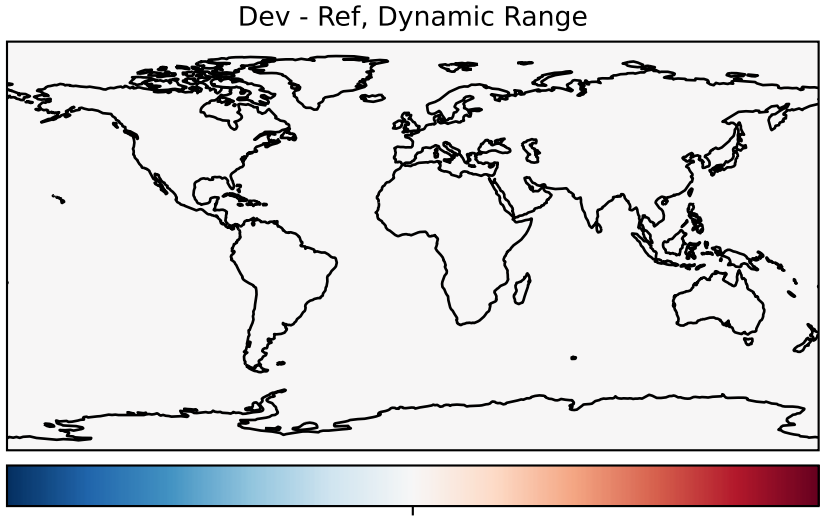
gcc-4x5-1Mon-14.6.0-alpha.8 (Ref)
4.0x5.0



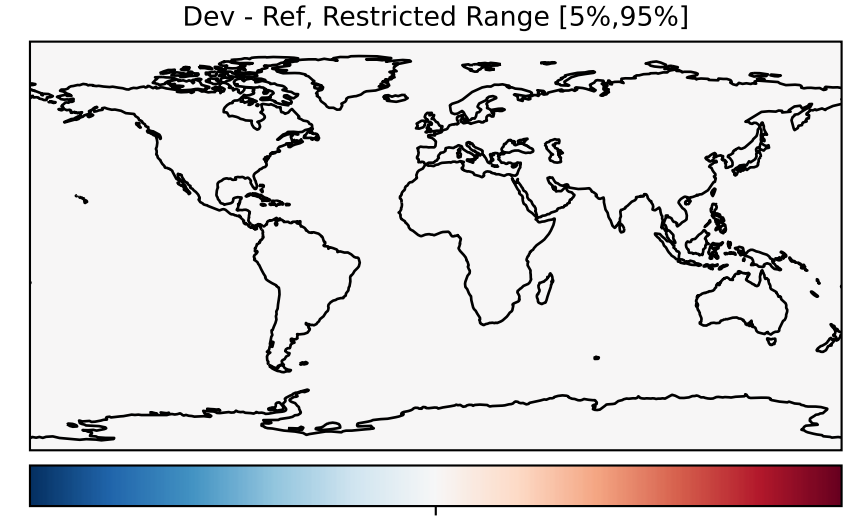
gcc-4x5-1Mon-14.6.0-alpha.15 (Dev)
4.0x5.0



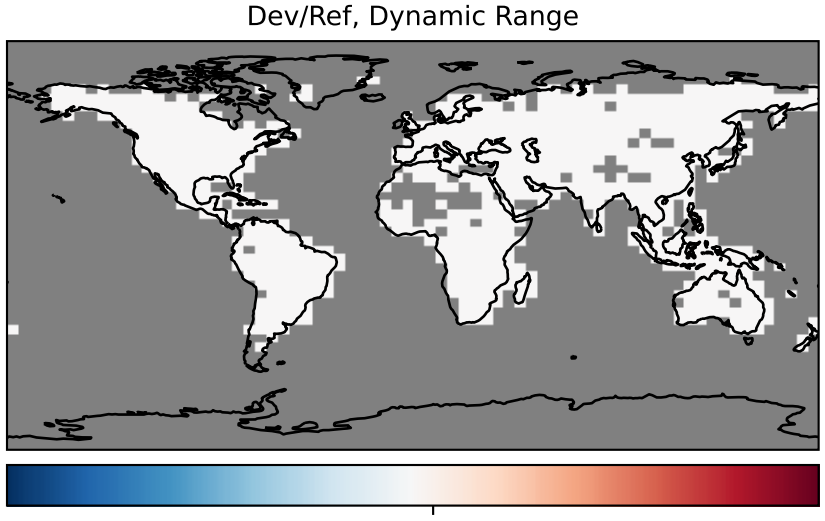
Difference
Dev - Ref, Dynamic Range



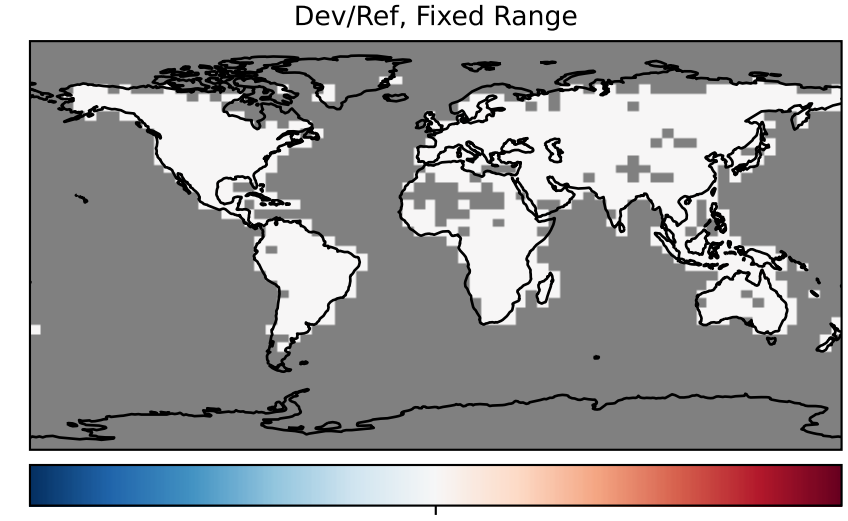
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

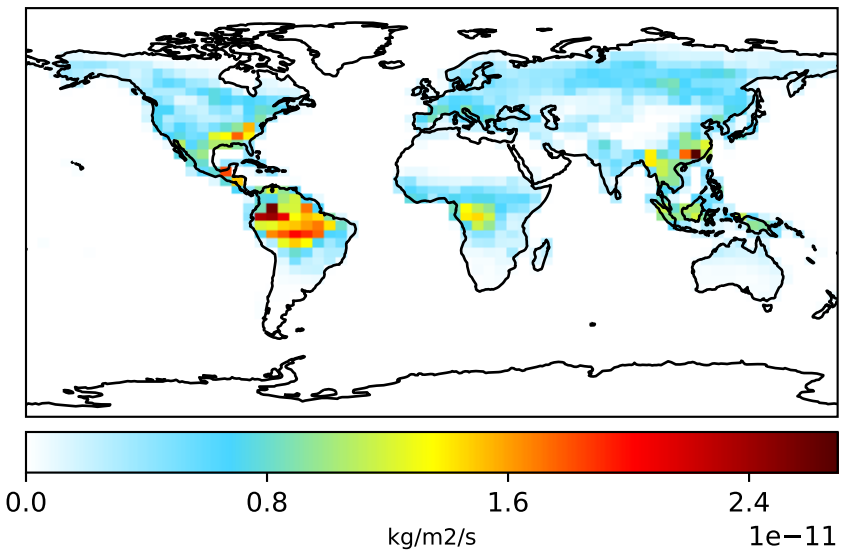


Ratio
Dev/Ref, Fixed Range

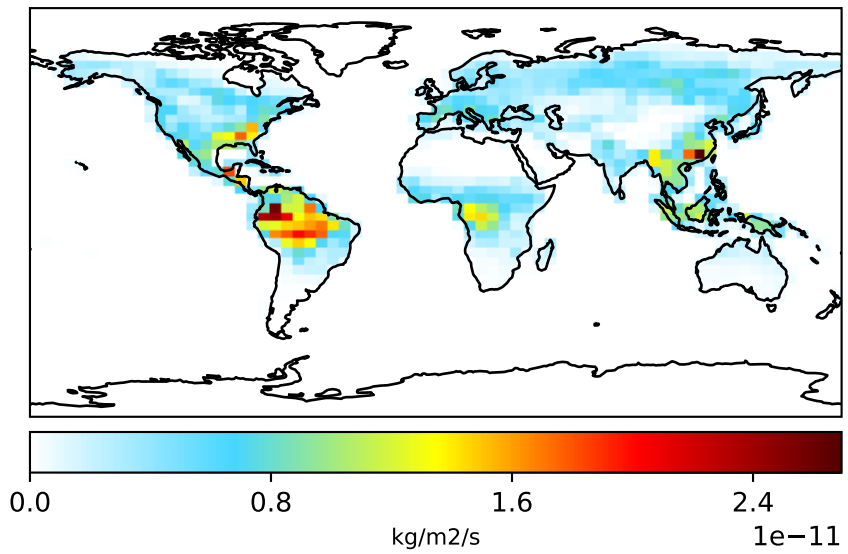


EmisALD2_Biogenic

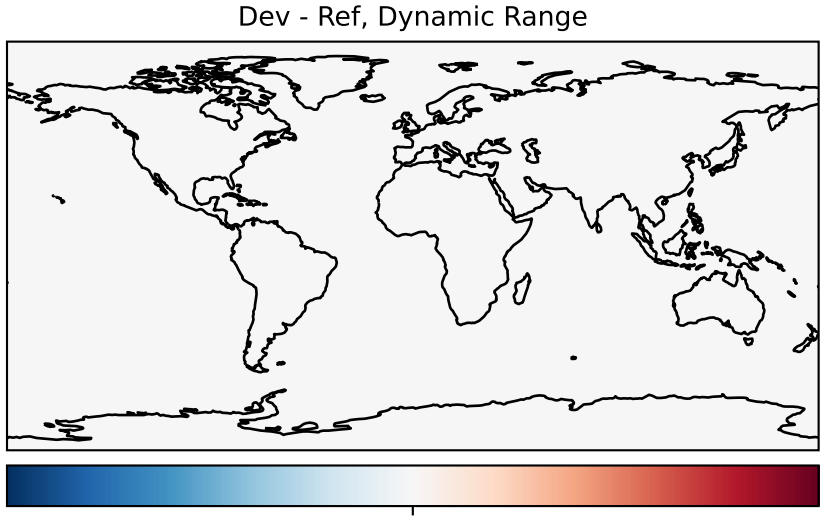
gcc-4x5-1Mon-14.6.0-alpha.8 (Ref)
4.0x5.0



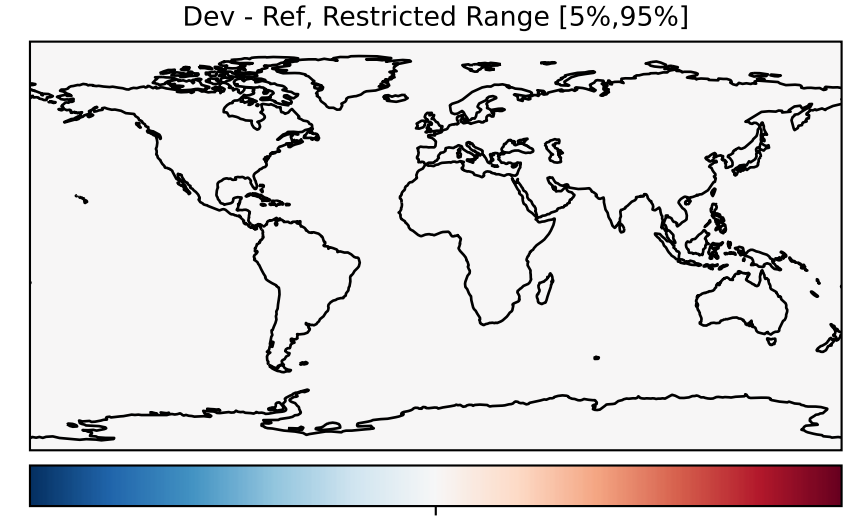
gcc-4x5-1Mon-14.6.0-alpha.15 (Dev)
4.0x5.0



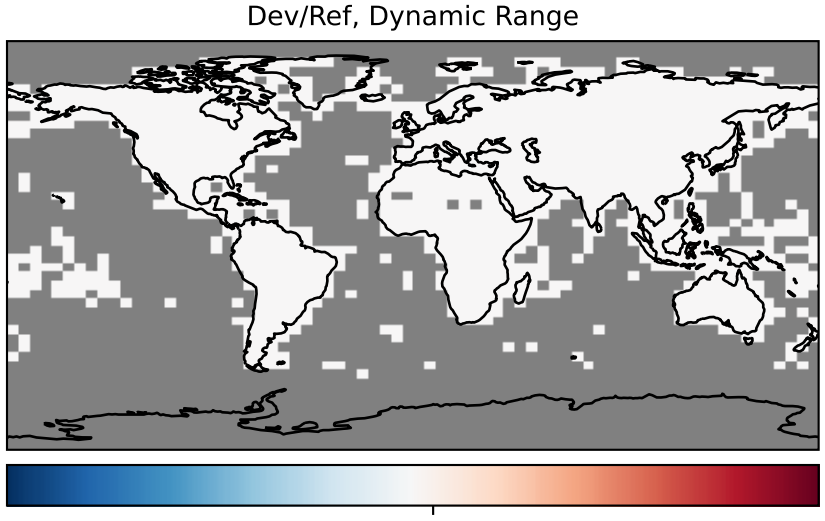
Difference
Dev - Ref, Dynamic Range



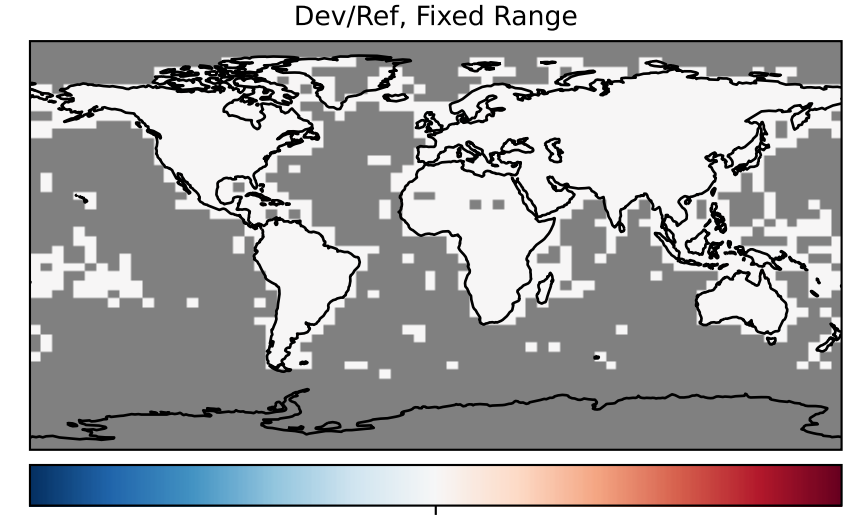
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

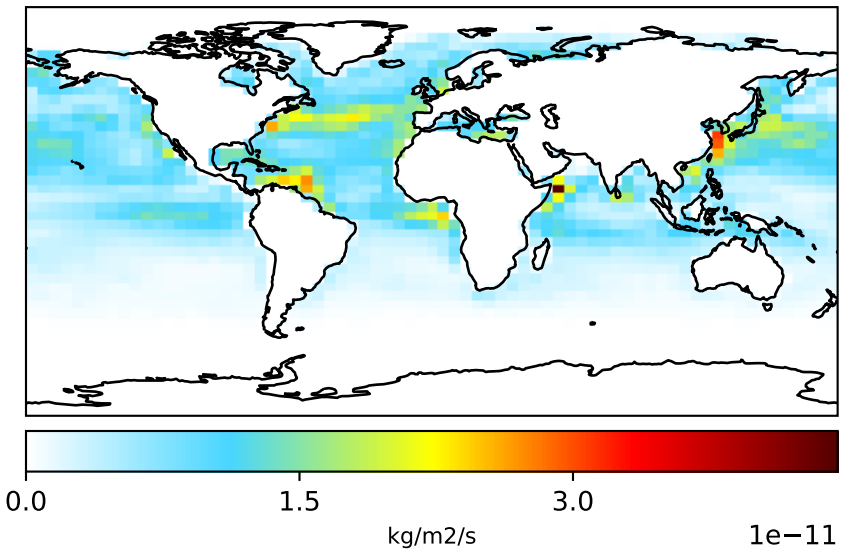


Ratio
Dev/Ref, Fixed Range

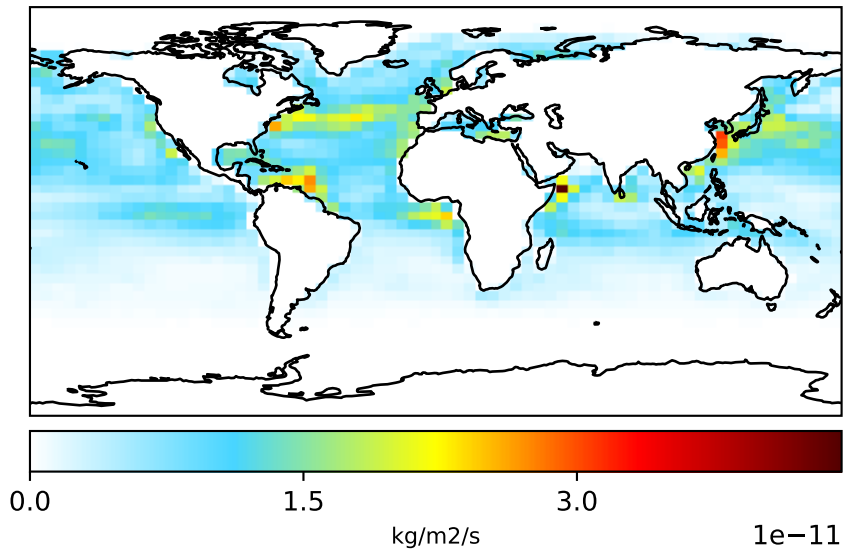


EmisALD2_Ocean

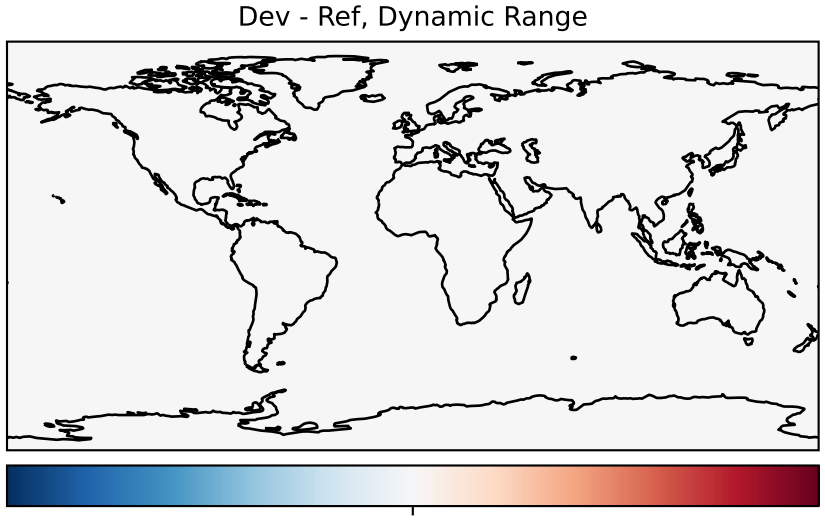
gcc-4x5-1Mon-14.6.0-alpha.8 (Ref)
4.0x5.0



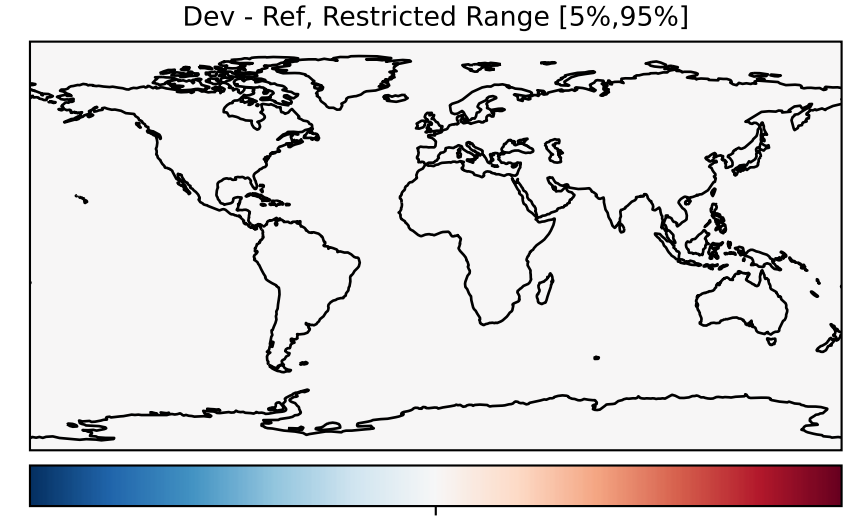
gcc-4x5-1Mon-14.6.0-alpha.15 (Dev)
4.0x5.0



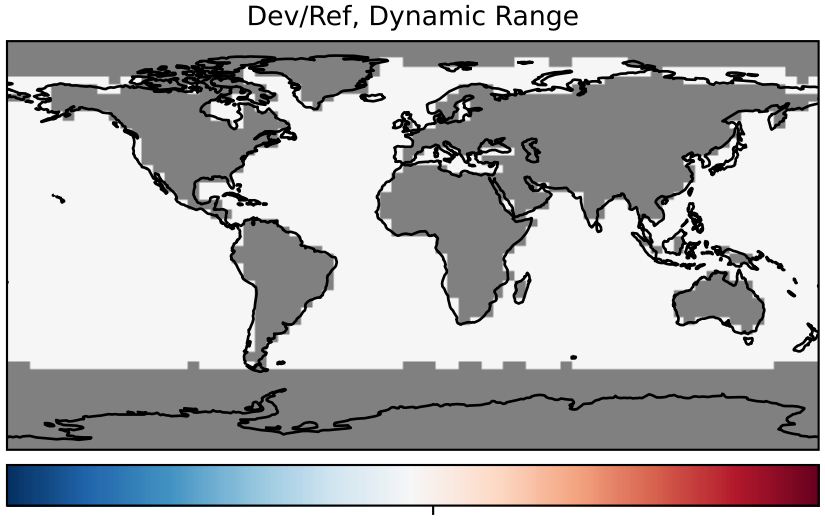
Difference
Dev - Ref, Dynamic Range



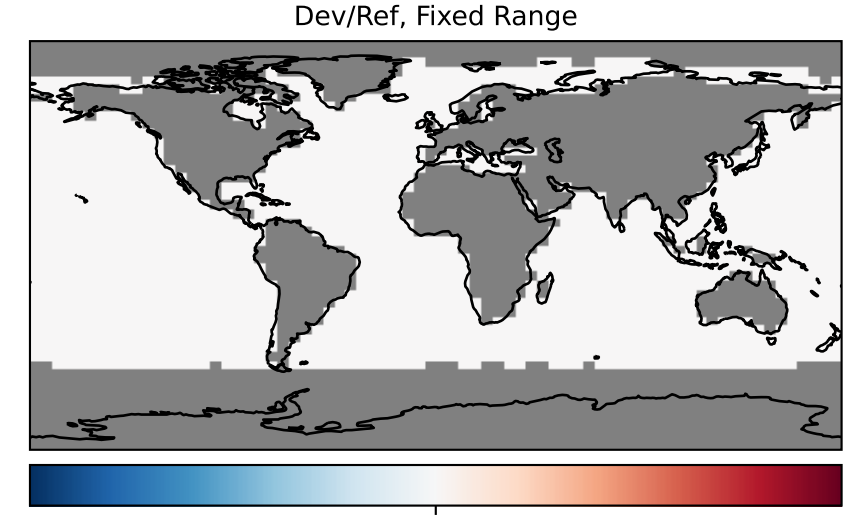
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

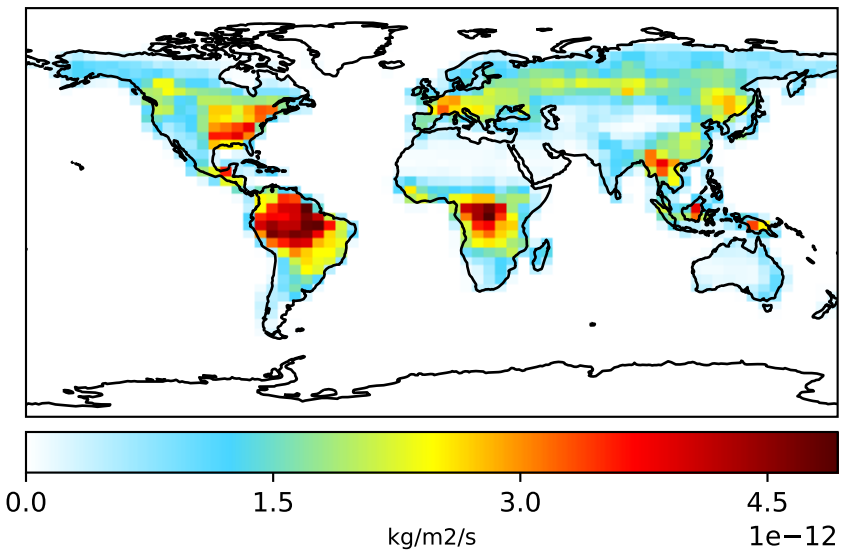


Ratio
Dev/Ref, Fixed Range

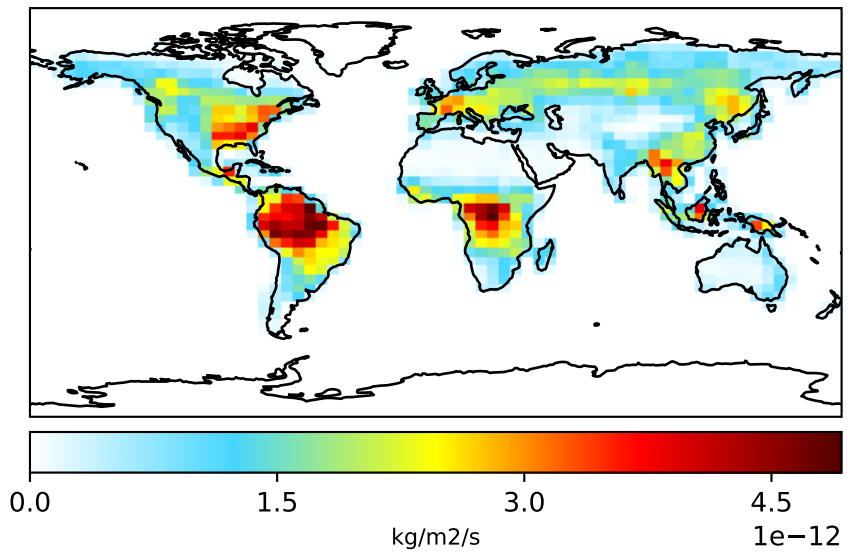


EmisALD2_PlantDecay

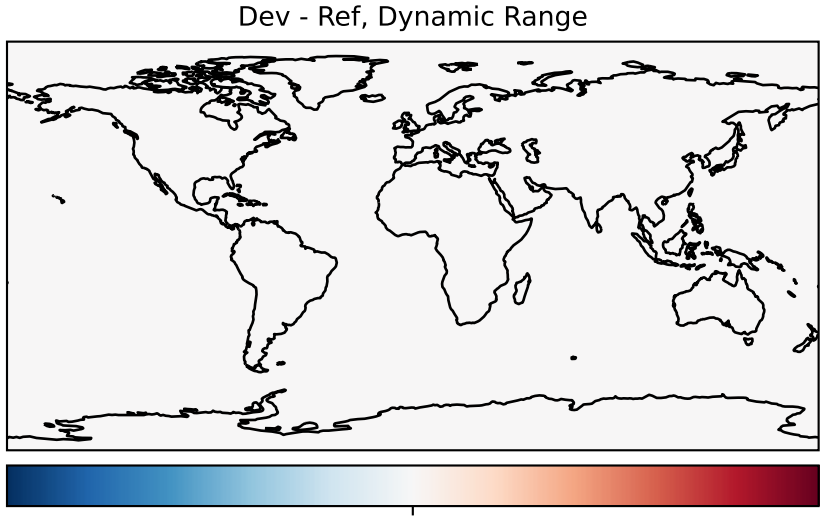
gcc-4x5-1Mon-14.6.0-alpha.8 (Ref)
4.0x5.0



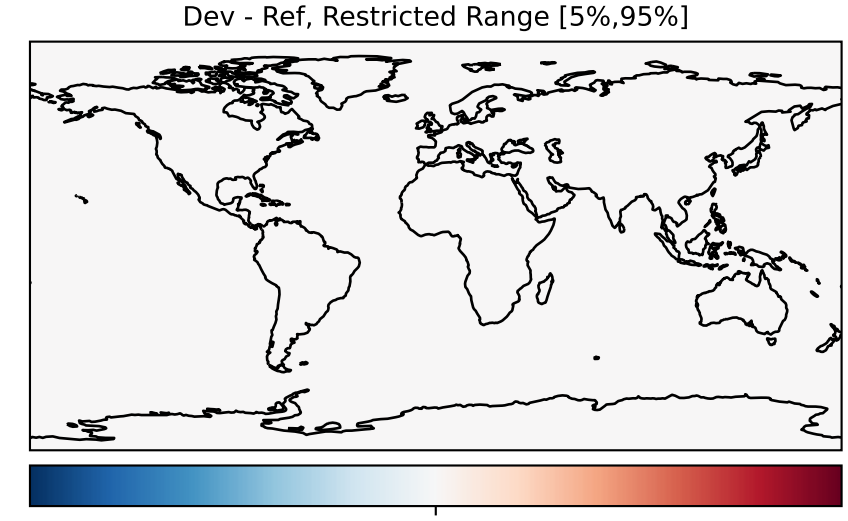
gcc-4x5-1Mon-14.6.0-alpha.15 (Dev)
4.0x5.0



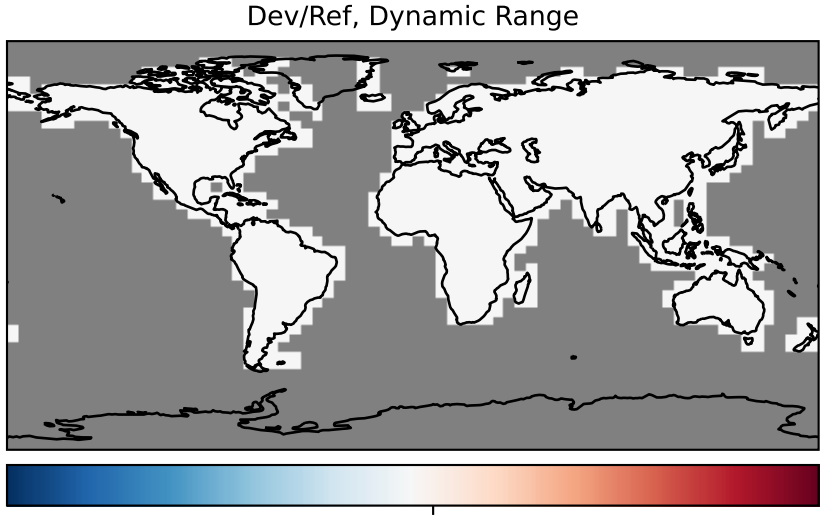
Difference
Dev - Ref, Dynamic Range



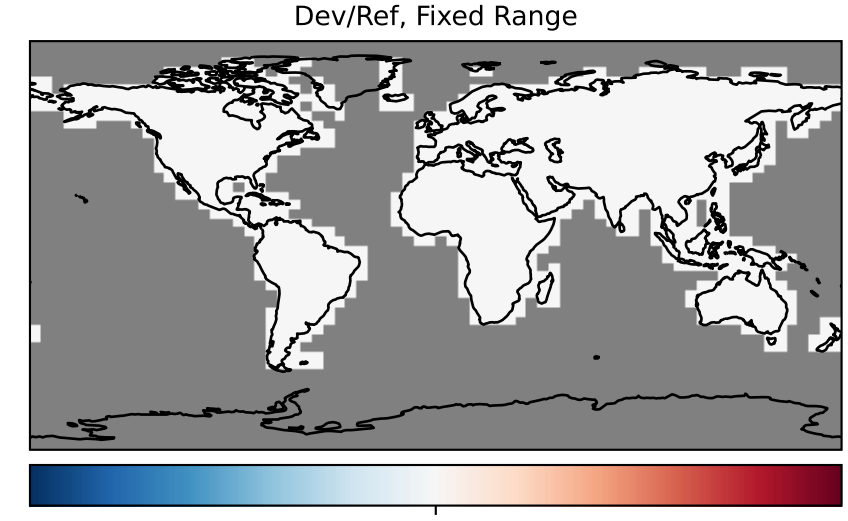
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

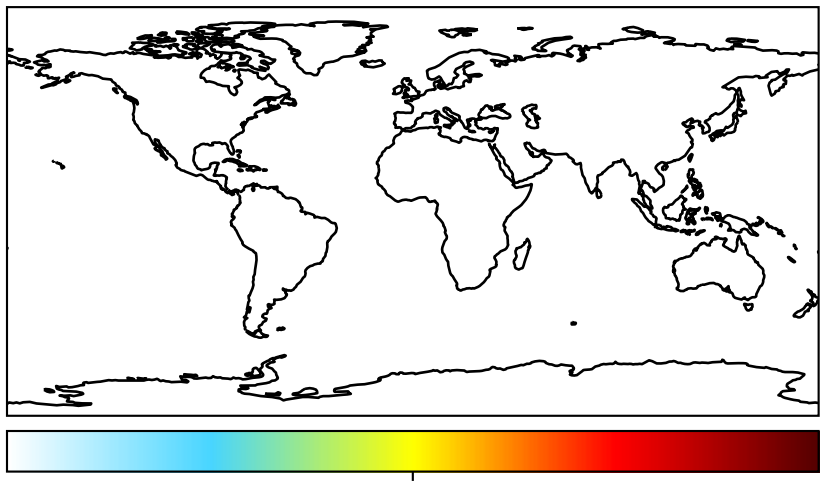


Ratio
Dev/Ref, Fixed Range



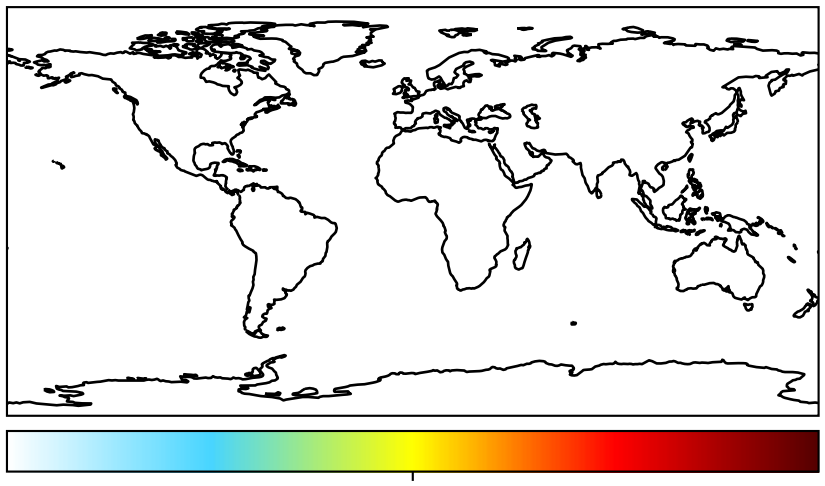
EmisALD2_Ship

gcc-4x5-1Mon-14.6.0-alpha.8 (Ref)
4.0x5.0



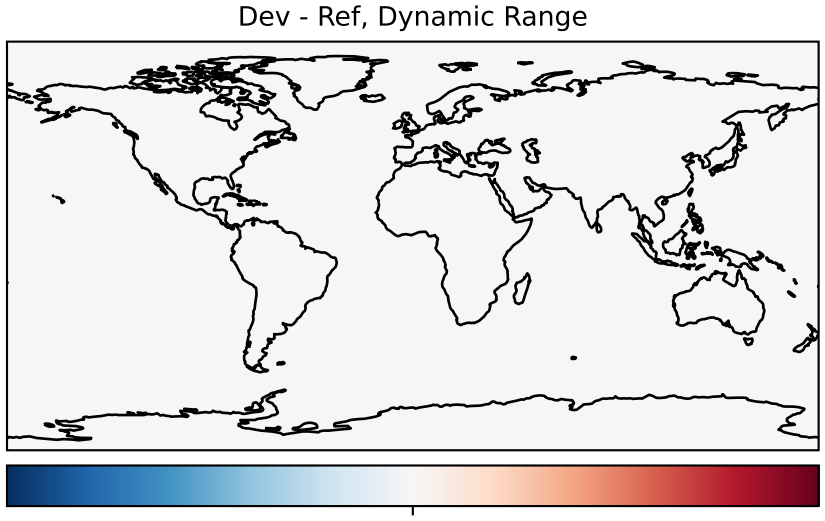
Zero throughout domain
kg/m2/s

gcc-4x5-1Mon-14.6.0-alpha.15 (Dev)
4.0x5.0



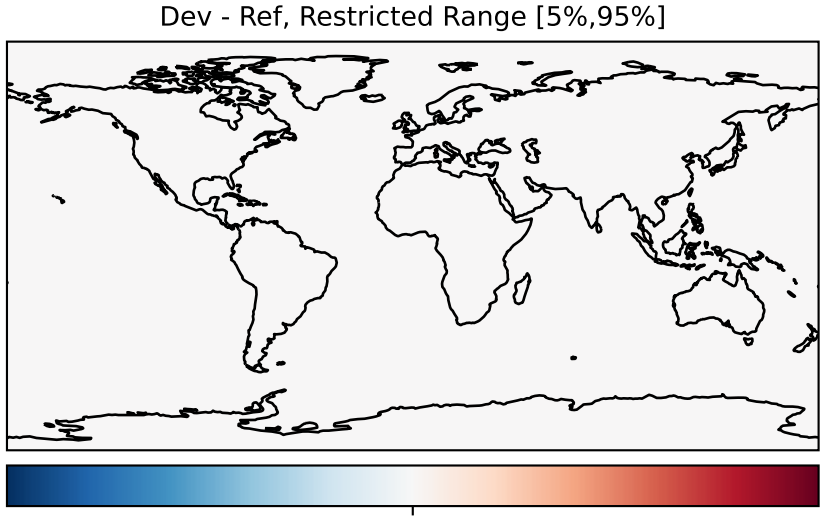
Zero throughout domain
kg/m2/s

Difference
Dev - Ref, Dynamic Range



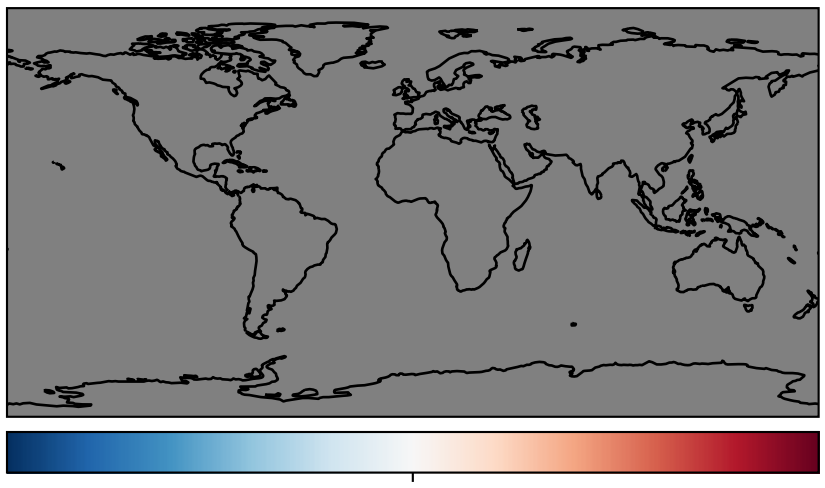
Zero throughout domain
kg/m2/s

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



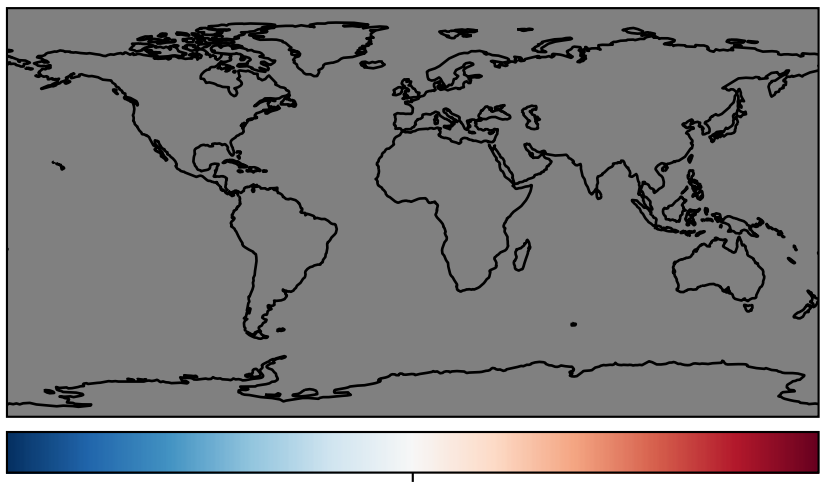
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

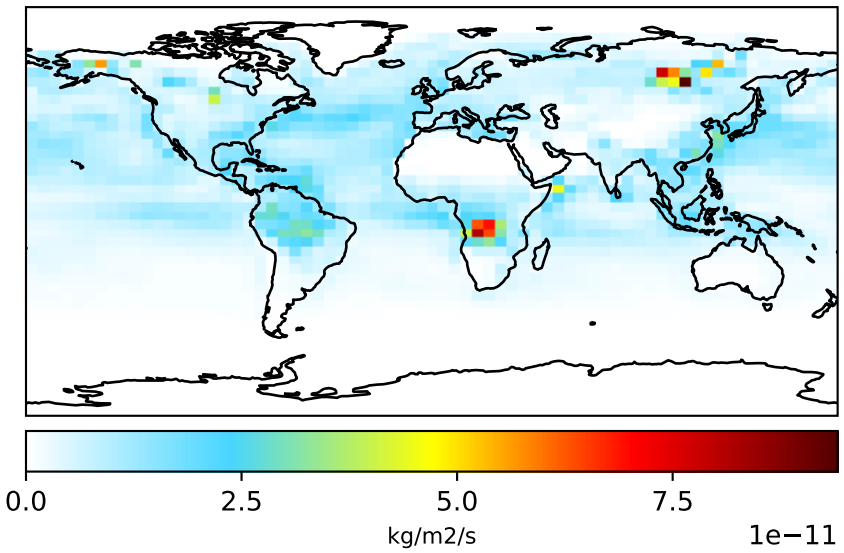
Ratio
Dev/Ref, Fixed Range



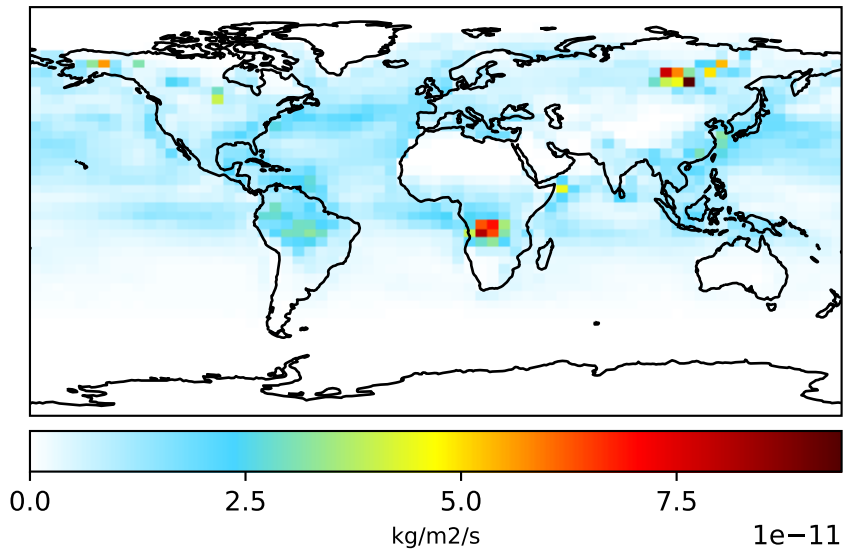
Undefined throughout domain
unitless

EmisALD2_Total

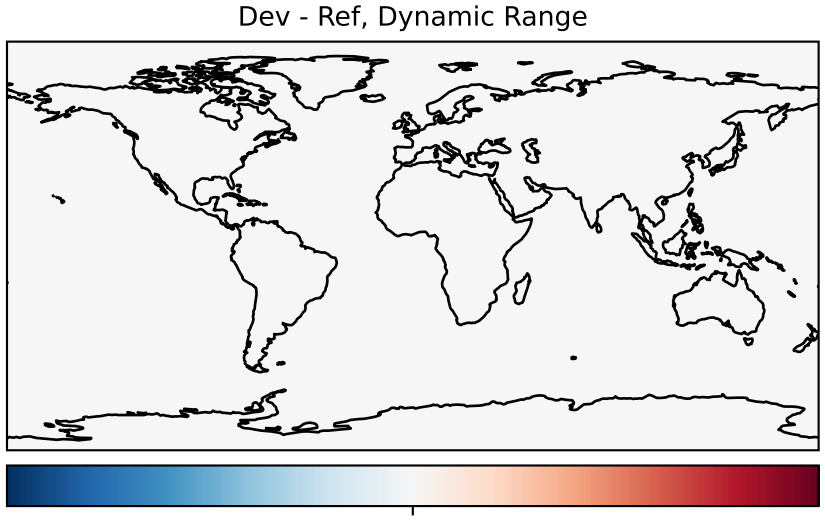
gcc-4x5-1Mon-14.6.0-alpha.8 (Ref)
4.0x5.0



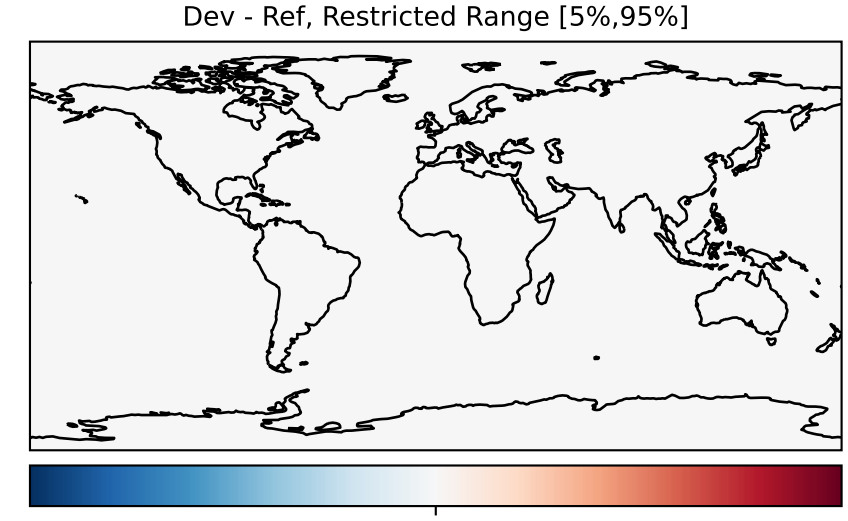
gcc-4x5-1Mon-14.6.0-alpha.15 (Dev)
4.0x5.0



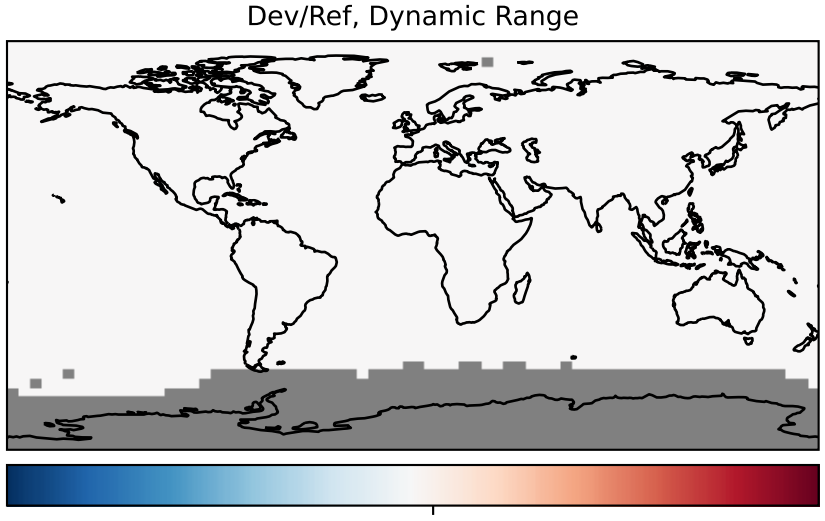
Difference
Dev - Ref, Dynamic Range



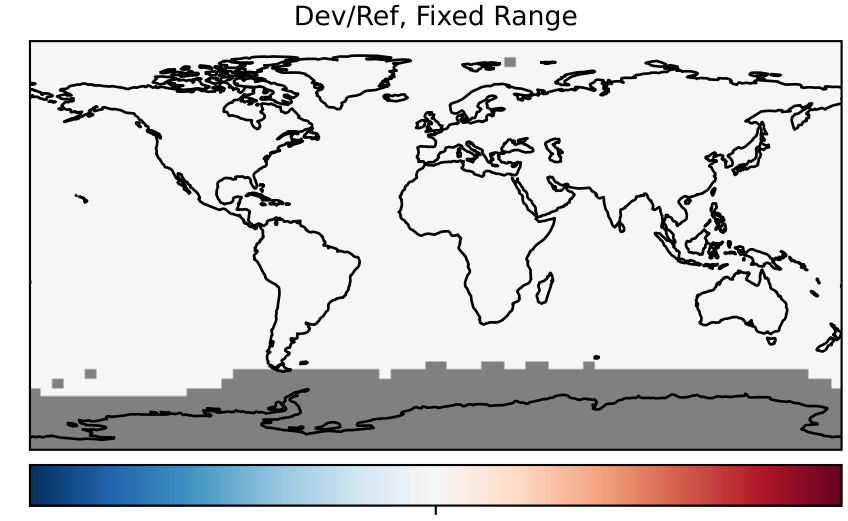
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

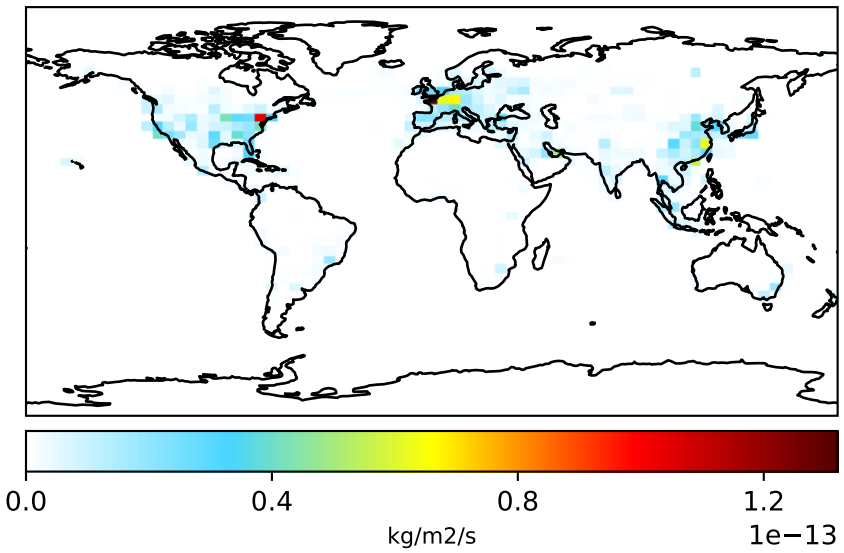


Ratio
Dev/Ref, Fixed Range

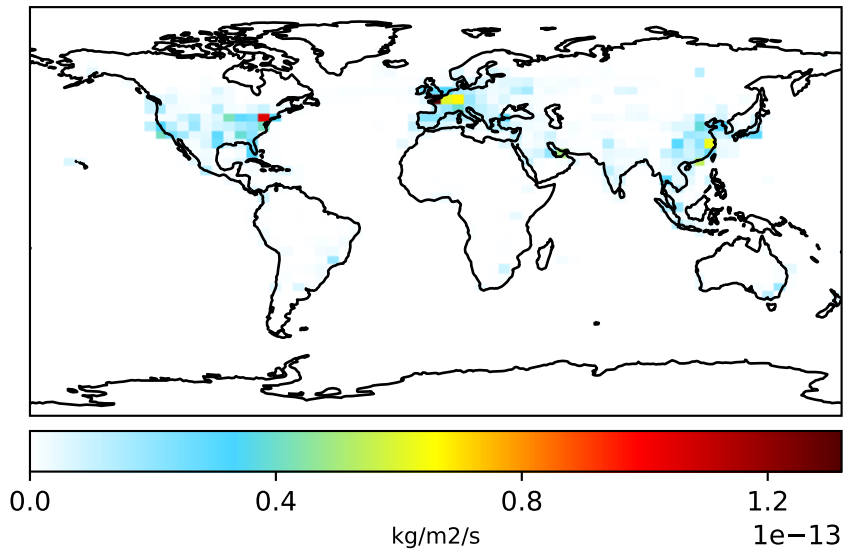


EmisCH2O_Aircraft

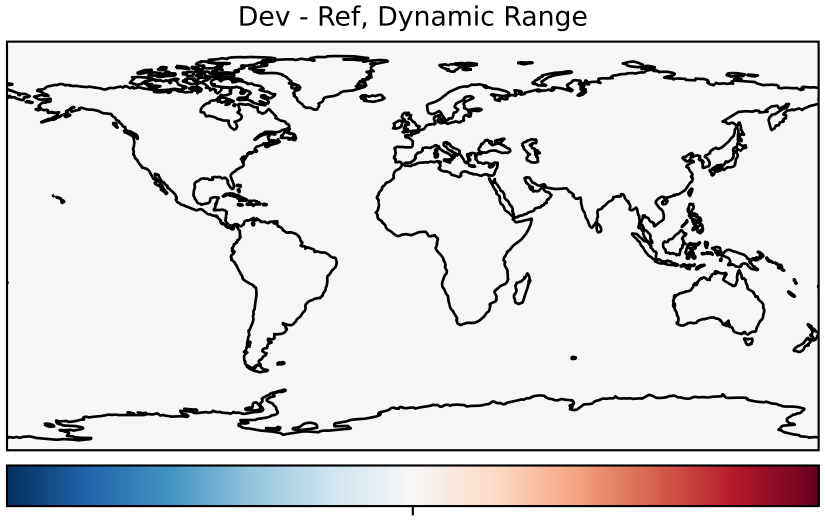
gcc-4x5-1Mon-14.6.0-alpha.8 (Ref)
4.0x5.0



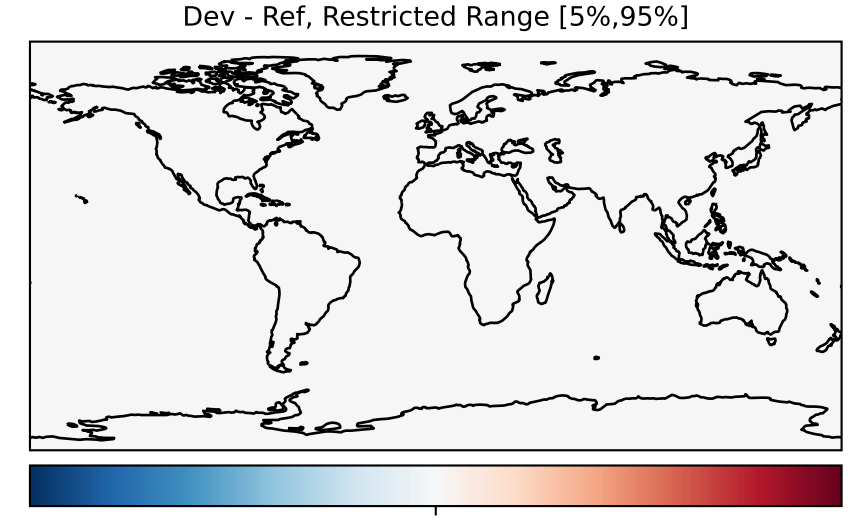
gcc-4x5-1Mon-14.6.0-alpha.15 (Dev)
4.0x5.0



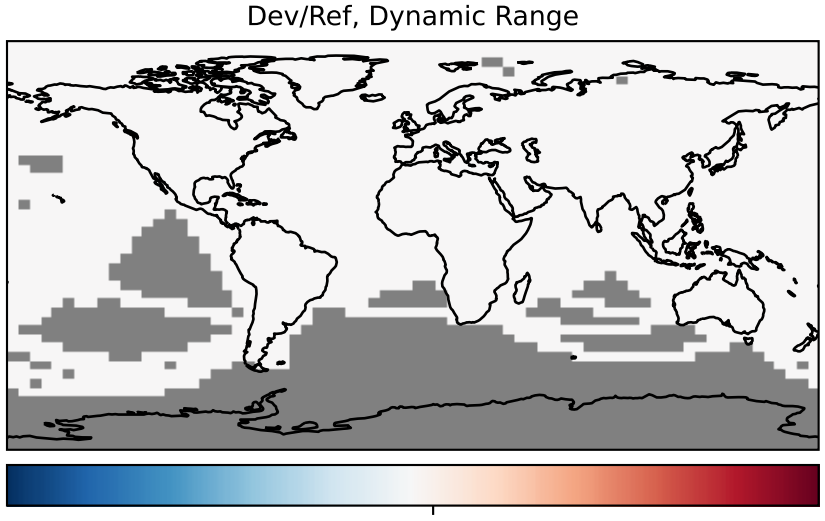
Difference
Dev - Ref, Dynamic Range



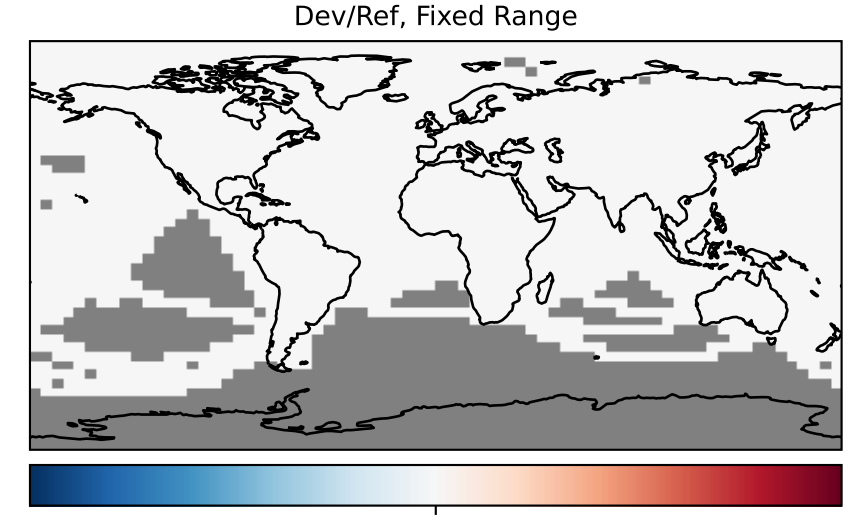
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

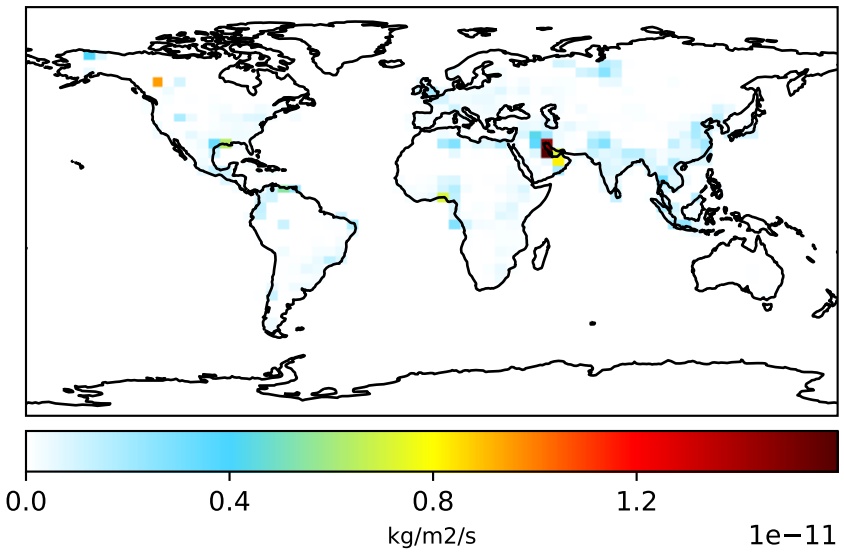


Ratio
Dev/Ref, Fixed Range

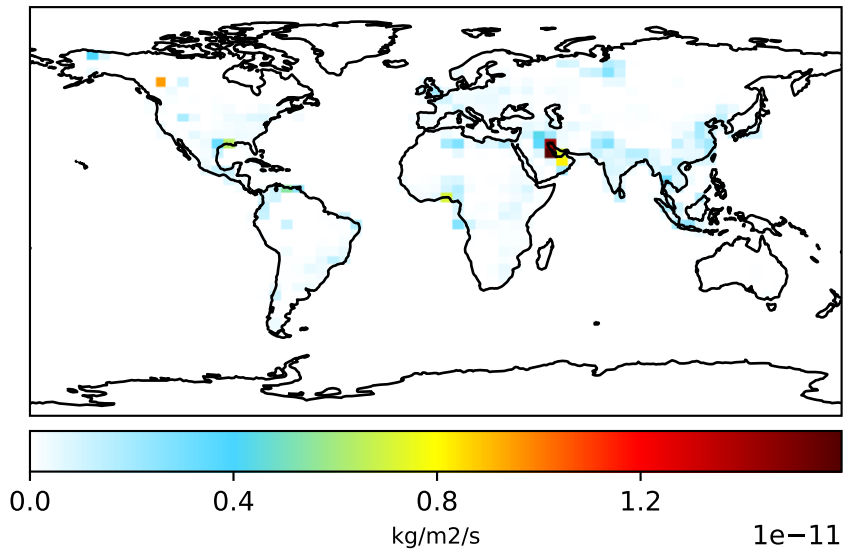


EmisCH2O_Anthro

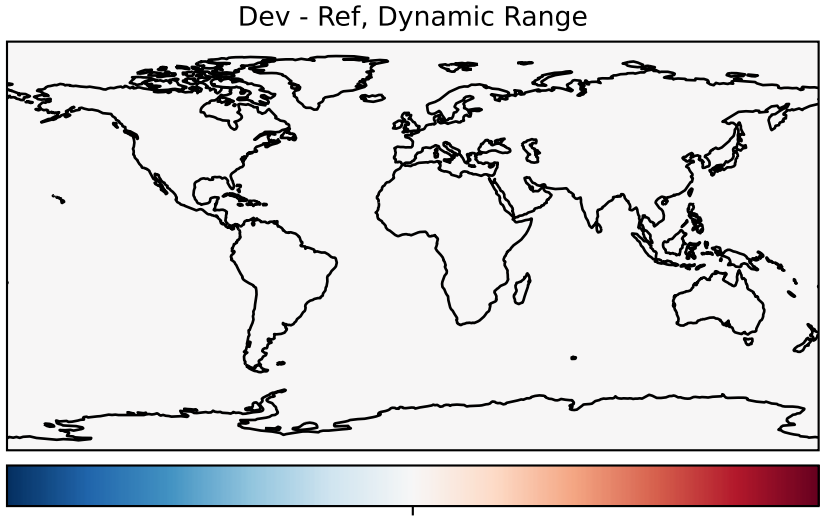
gcc-4x5-1Mon-14.6.0-alpha.8 (Ref)
4.0x5.0



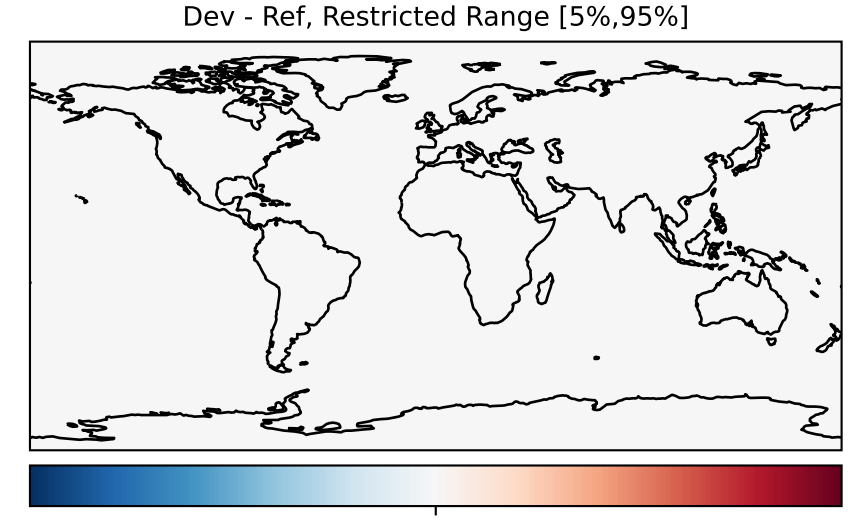
gcc-4x5-1Mon-14.6.0-alpha.15 (Dev)
4.0x5.0



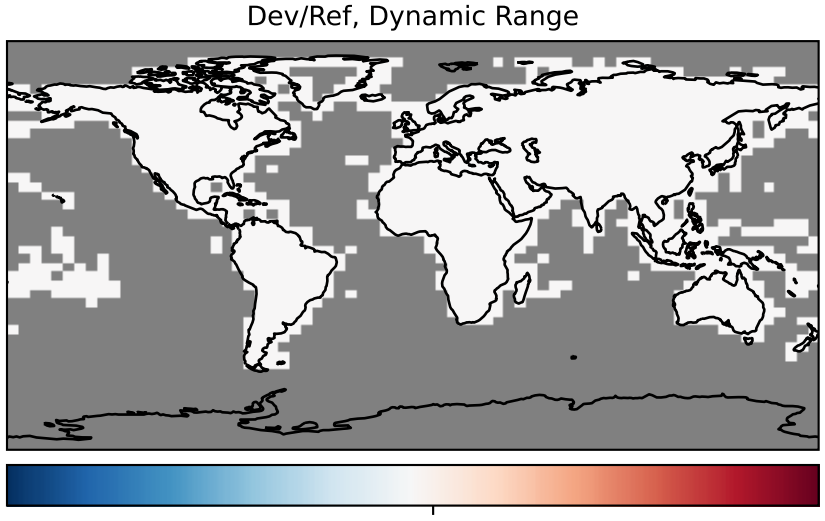
Difference
Dev - Ref, Dynamic Range



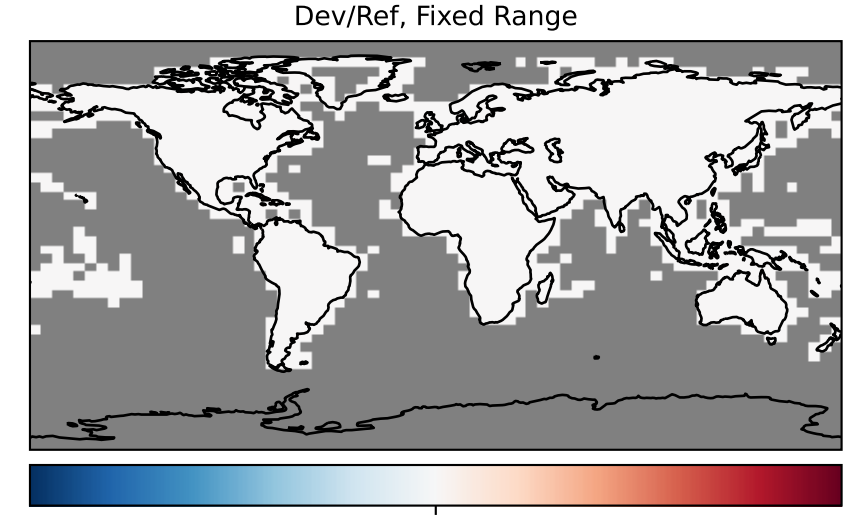
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

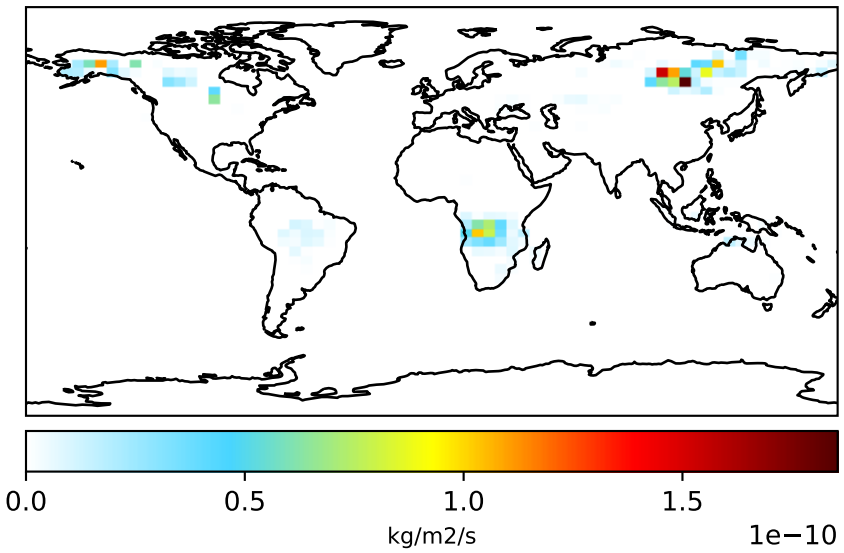


Ratio
Dev/Ref, Fixed Range

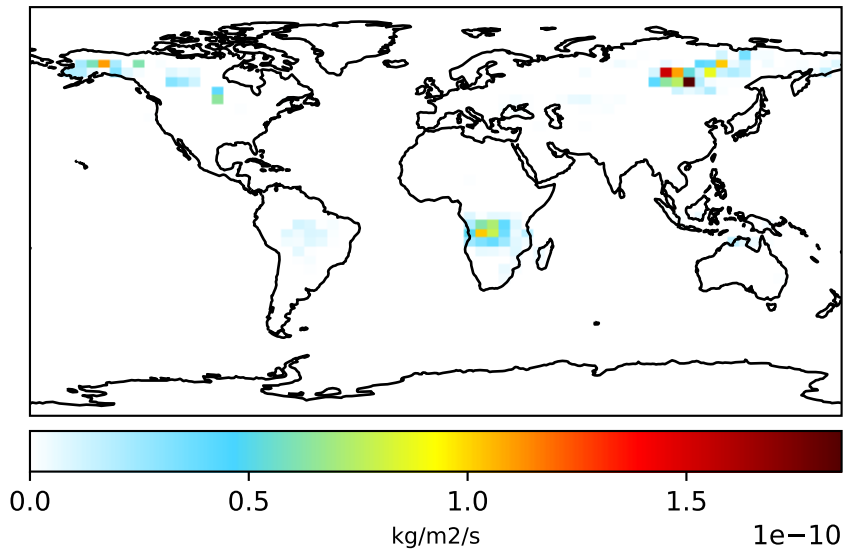


EmisCH2O_BioBurn

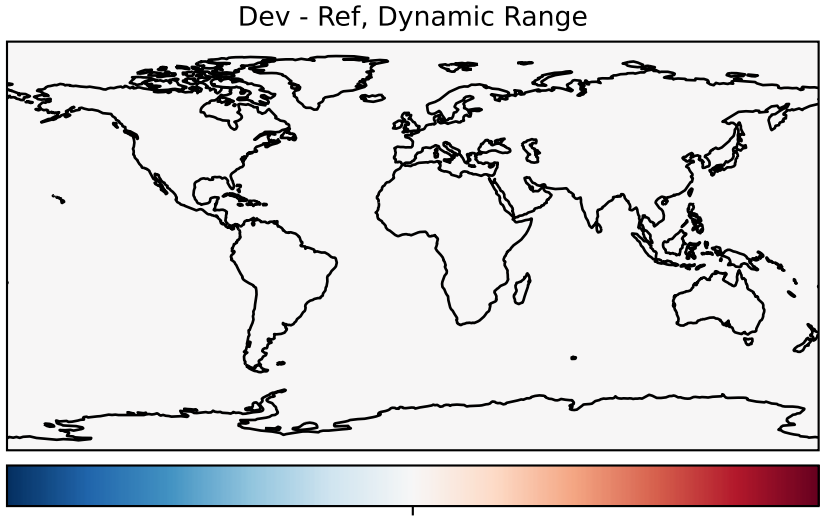
gcc-4x5-1Mon-14.6.0-alpha.8 (Ref)
4.0x5.0



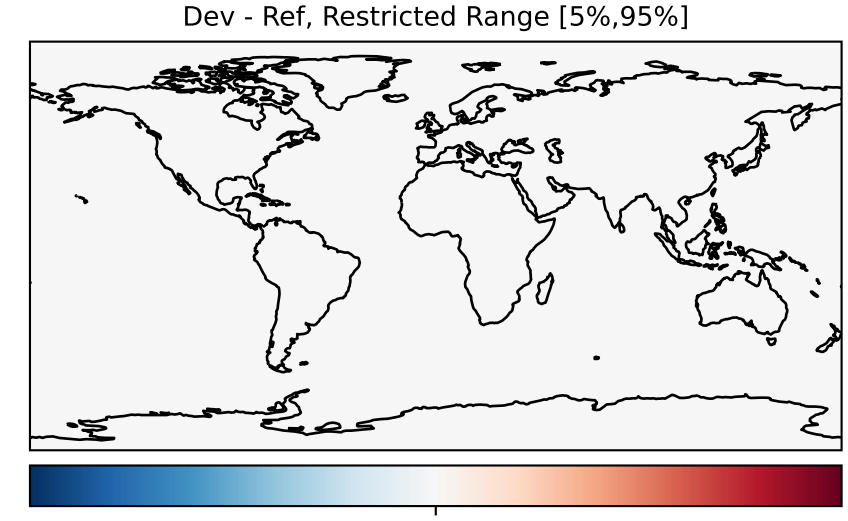
gcc-4x5-1Mon-14.6.0-alpha.15 (Dev)
4.0x5.0



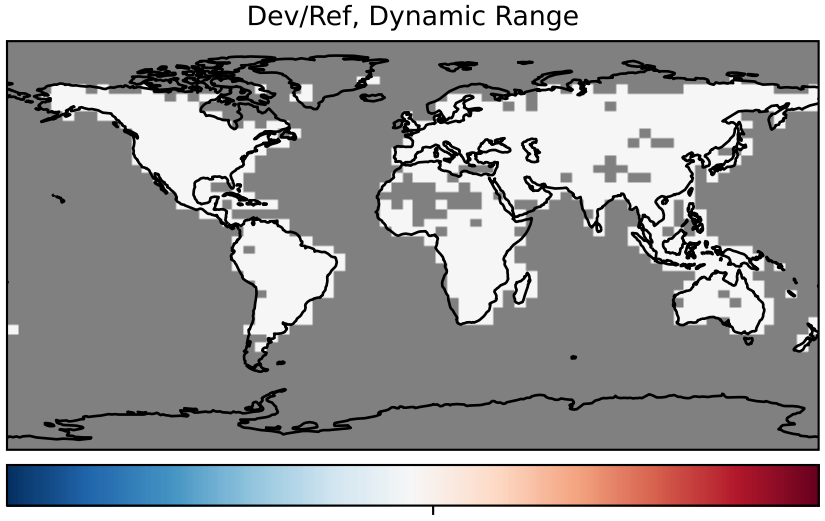
Difference
Dev - Ref, Dynamic Range



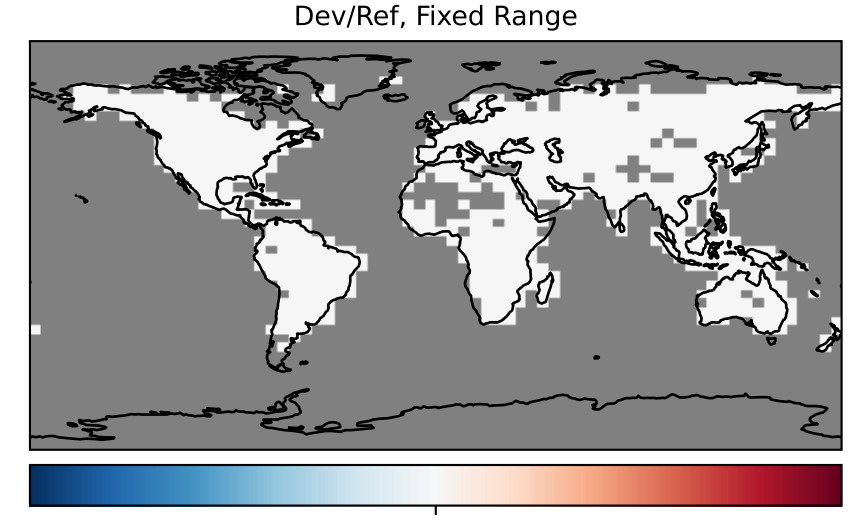
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

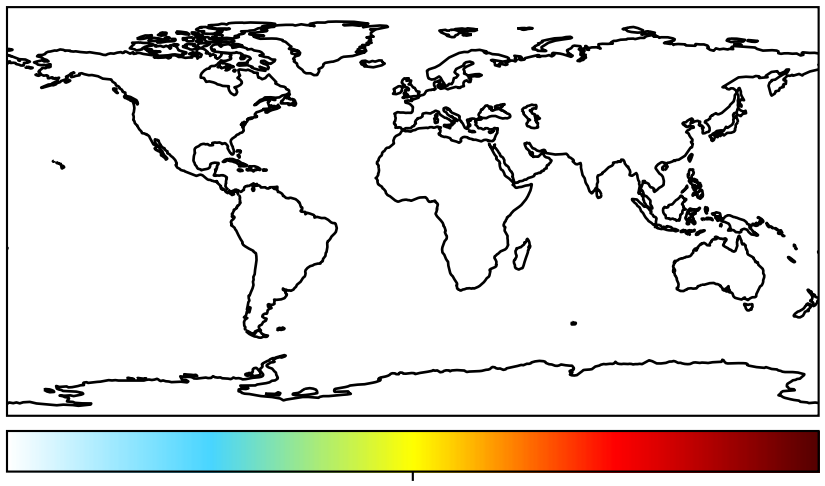


Ratio
Dev/Ref, Fixed Range



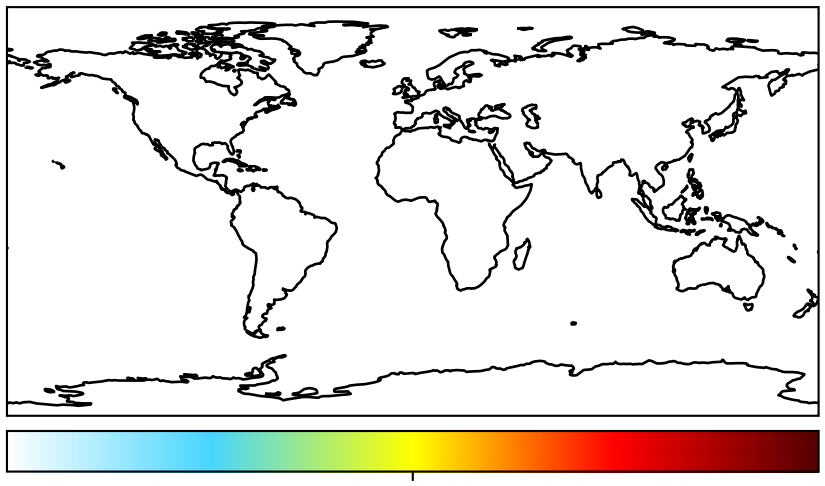
EmisCH2O_Ship

gcc-4x5-1Mon-14.6.0-alpha.8 (Ref)
4.0x5.0



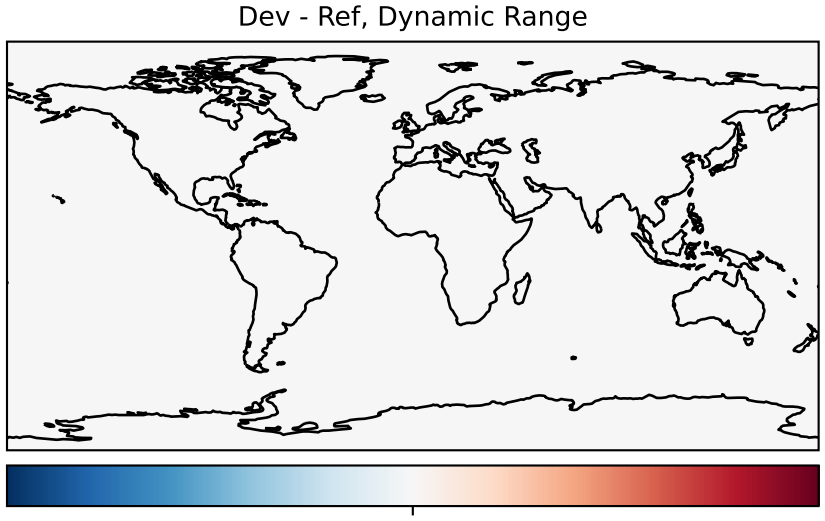
Zero throughout domain
kg/m2/s

gcc-4x5-1Mon-14.6.0-alpha.15 (Dev)
4.0x5.0



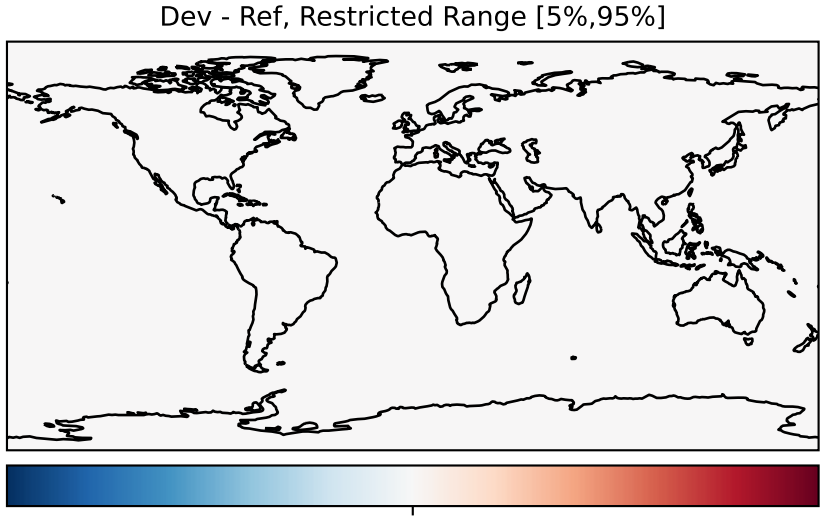
Zero throughout domain
kg/m2/s

Difference
Dev - Ref, Dynamic Range



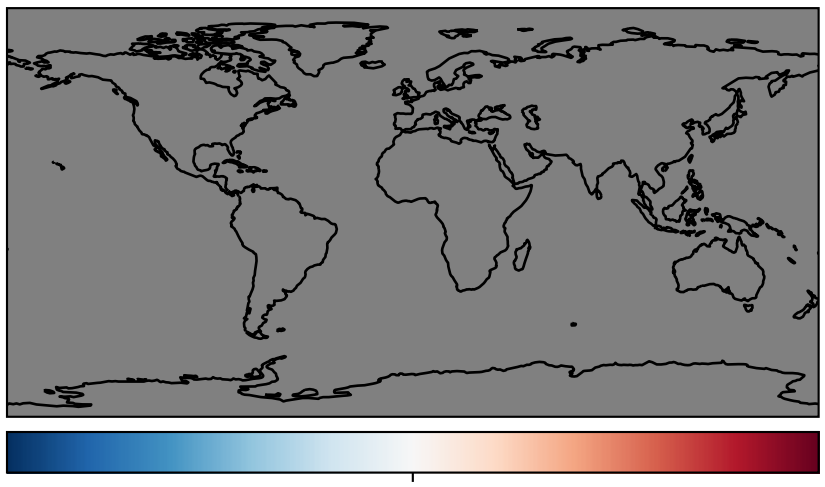
Zero throughout domain
kg/m2/s

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



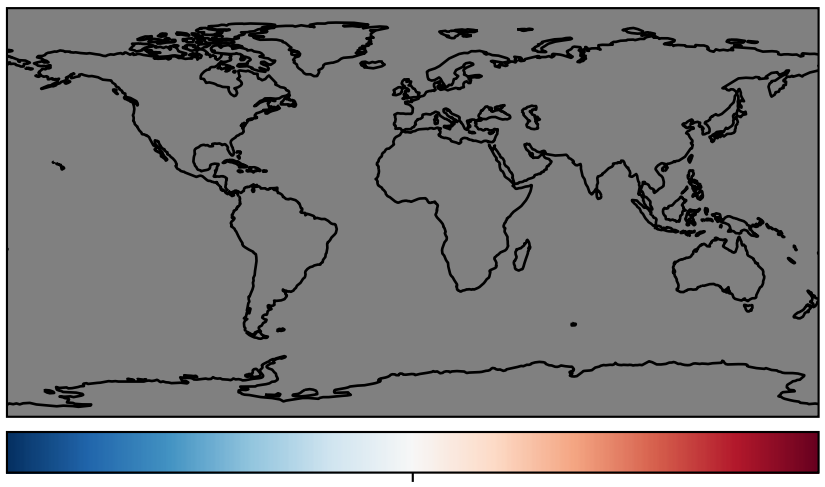
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

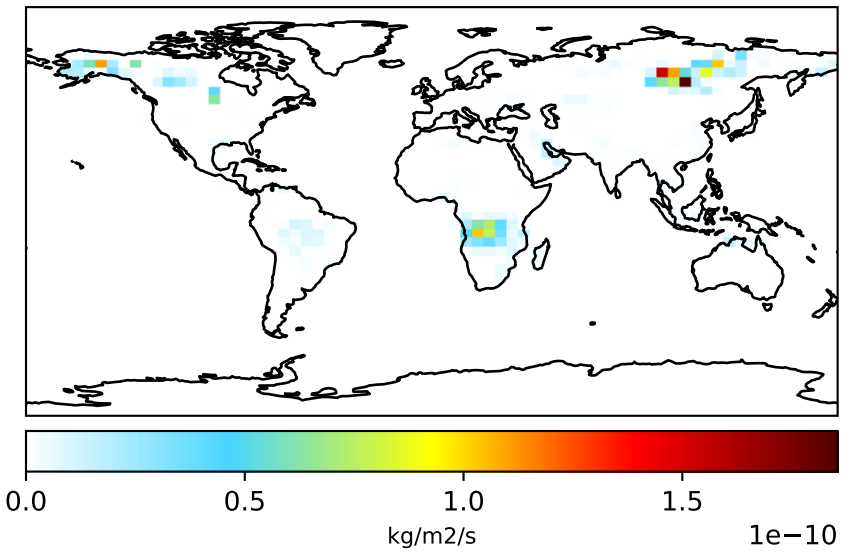
Ratio
Dev/Ref, Fixed Range



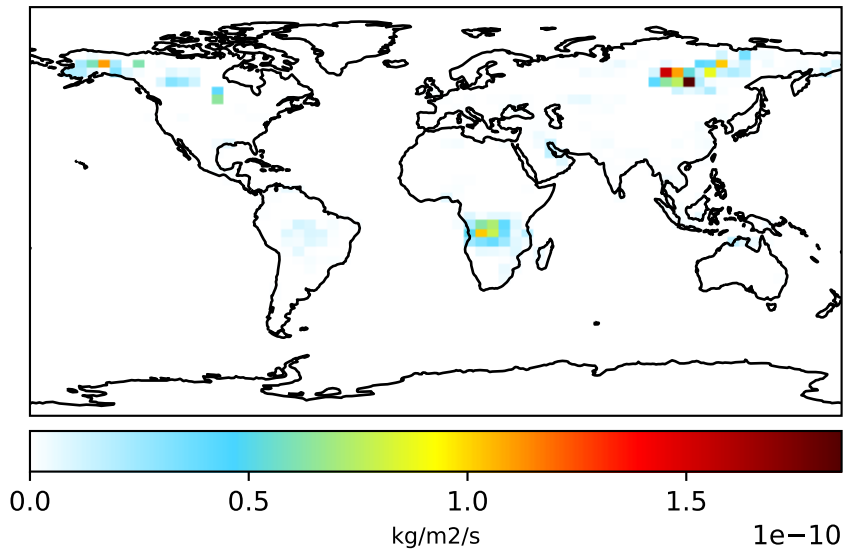
Undefined throughout domain
unitless

EmisCH2O_Total

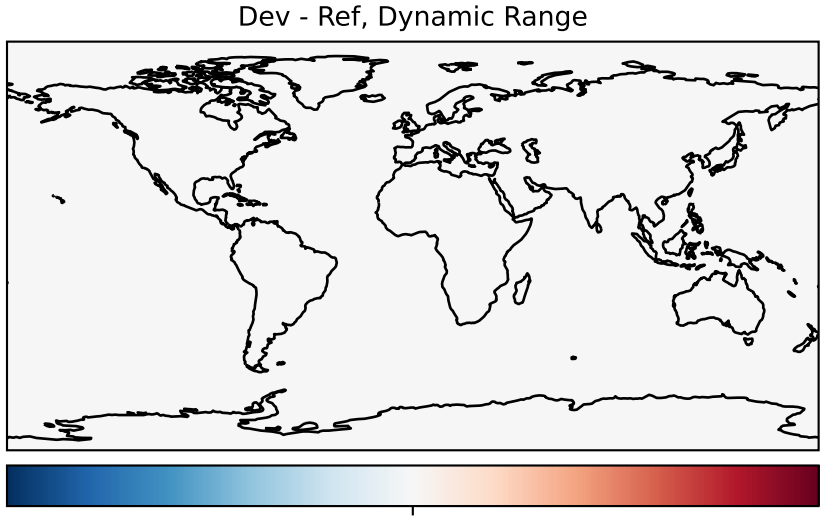
gcc-4x5-1Mon-14.6.0-alpha.8 (Ref)
4.0x5.0



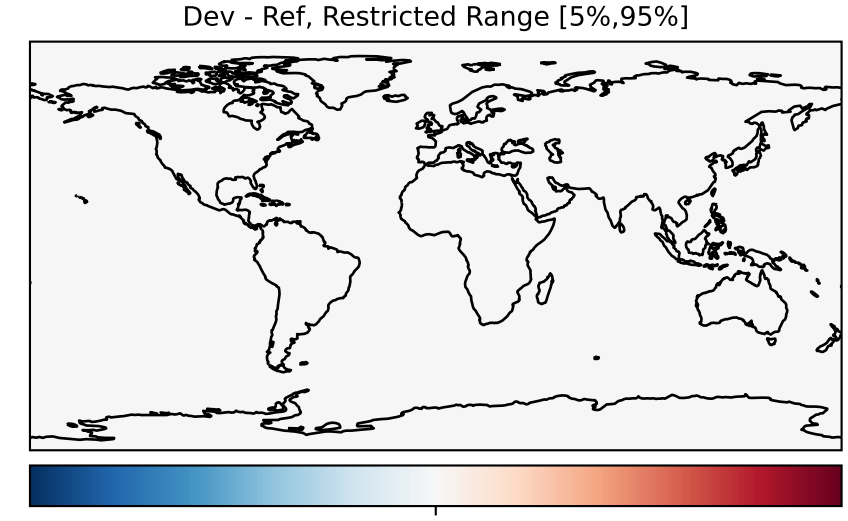
gcc-4x5-1Mon-14.6.0-alpha.15 (Dev)
4.0x5.0



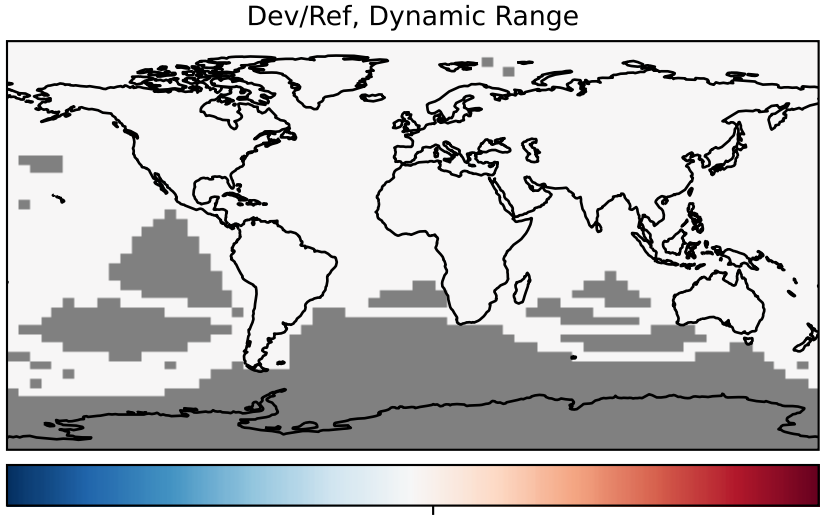
Difference
Dev - Ref, Dynamic Range



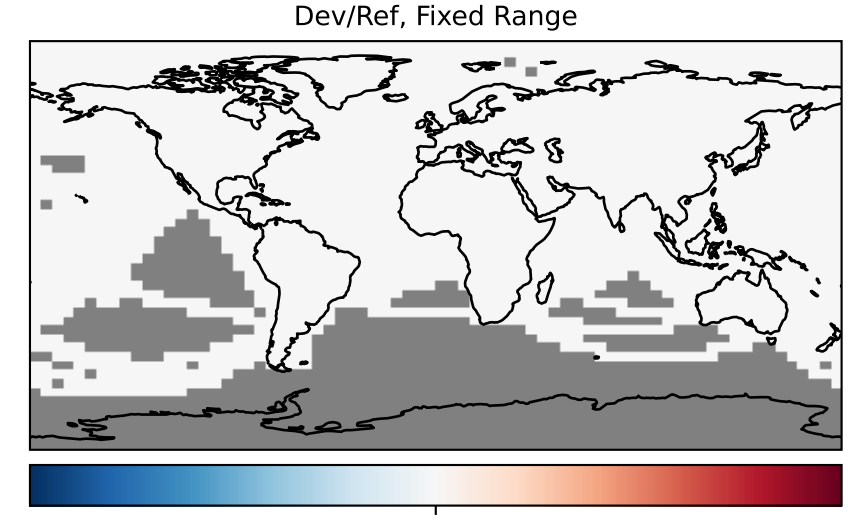
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

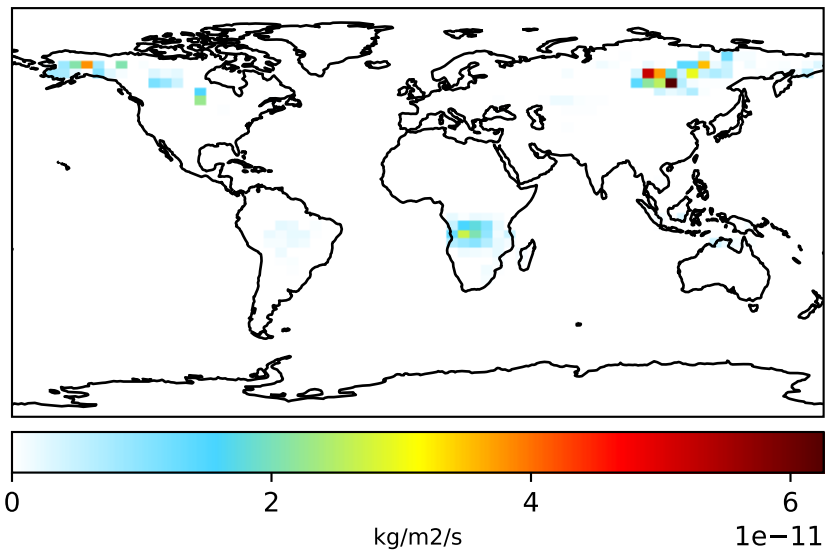


Ratio
Dev/Ref, Fixed Range

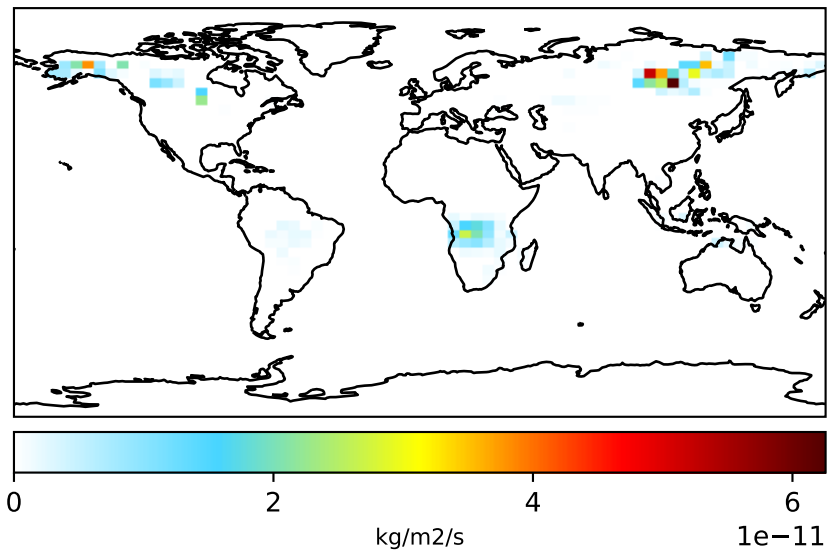


EmisGLYX_BioBurn

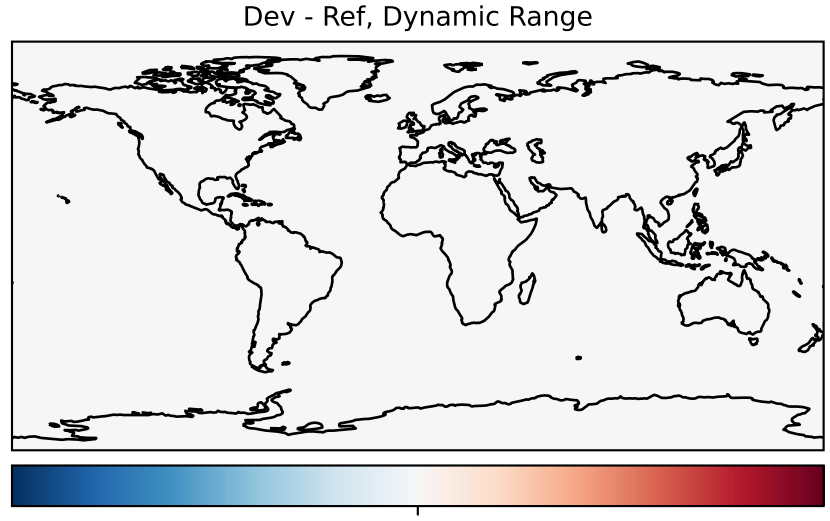
gcc-4x5-1Mon-14.6.0-alpha.8 (Ref)
4.0x5.0



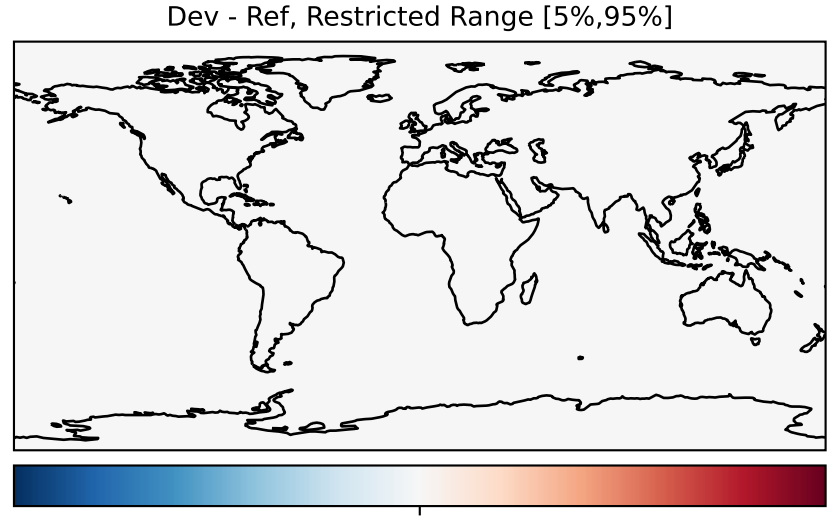
gcc-4x5-1Mon-14.6.0-alpha.15 (Dev)
4.0x5.0



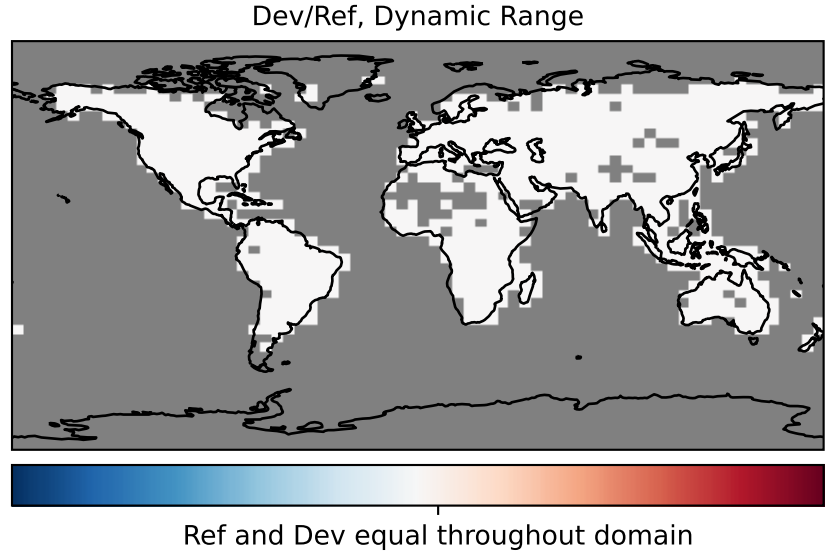
Difference
Dev - Ref, Dynamic Range



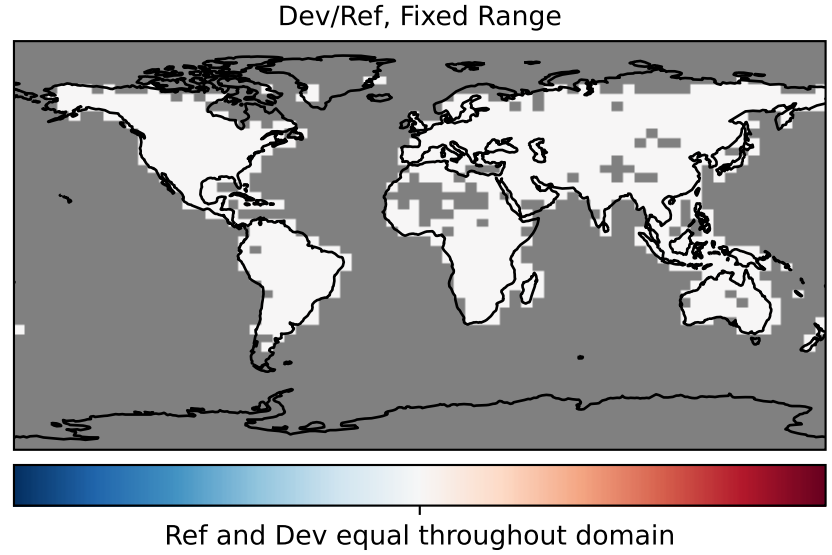
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

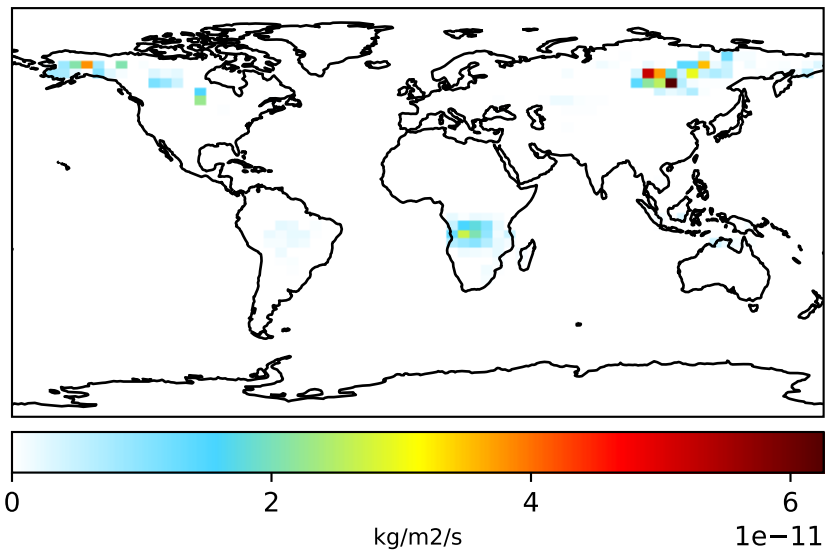


Ratio
Dev/Ref, Fixed Range

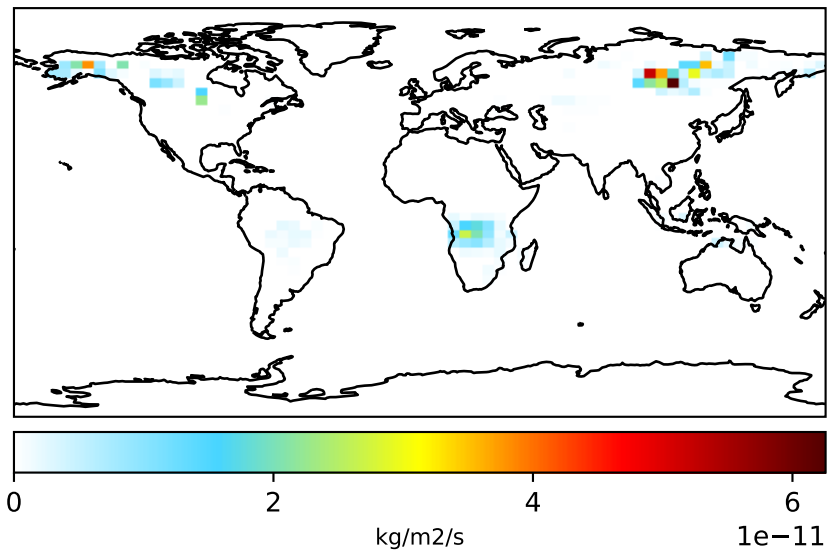


EmisGLYX_Total

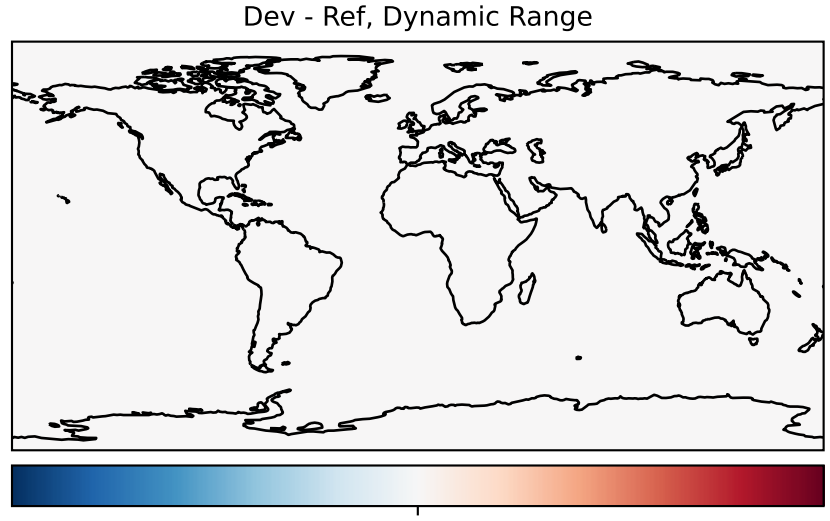
gcc-4x5-1Mon-14.6.0-alpha.8 (Ref)
4.0x5.0



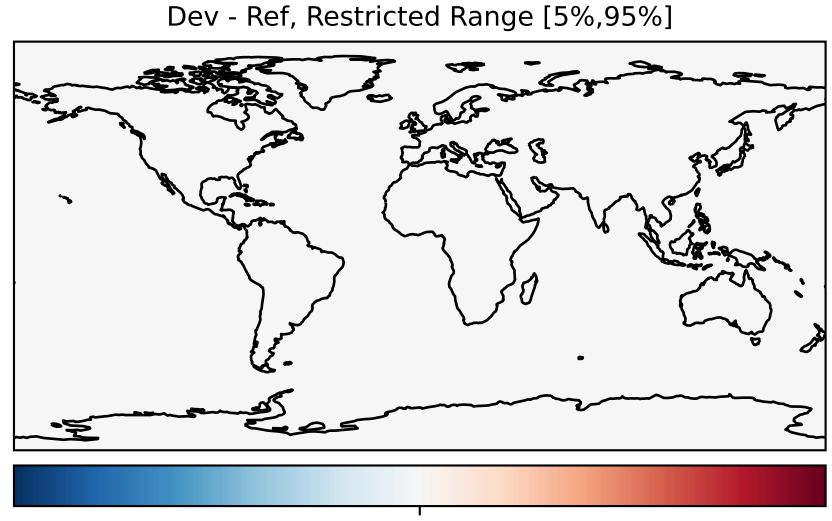
gcc-4x5-1Mon-14.6.0-alpha.15 (Dev)
4.0x5.0



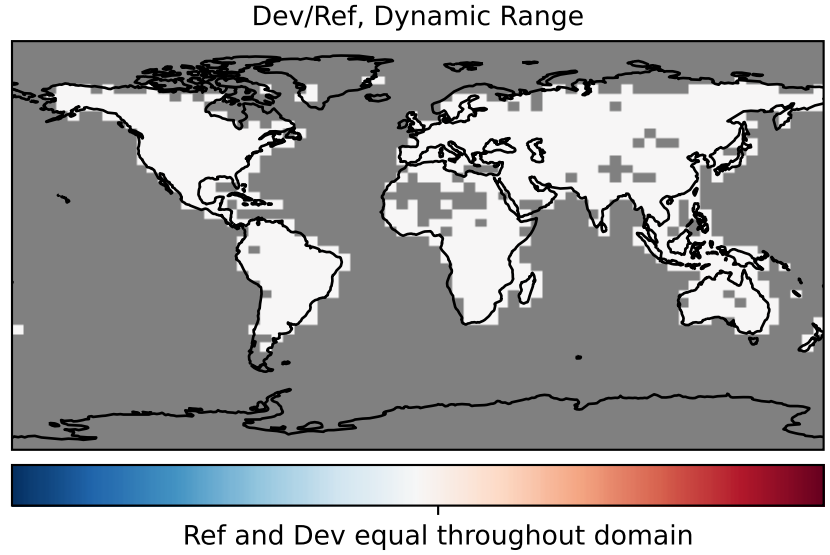
Difference
Dev - Ref, Dynamic Range



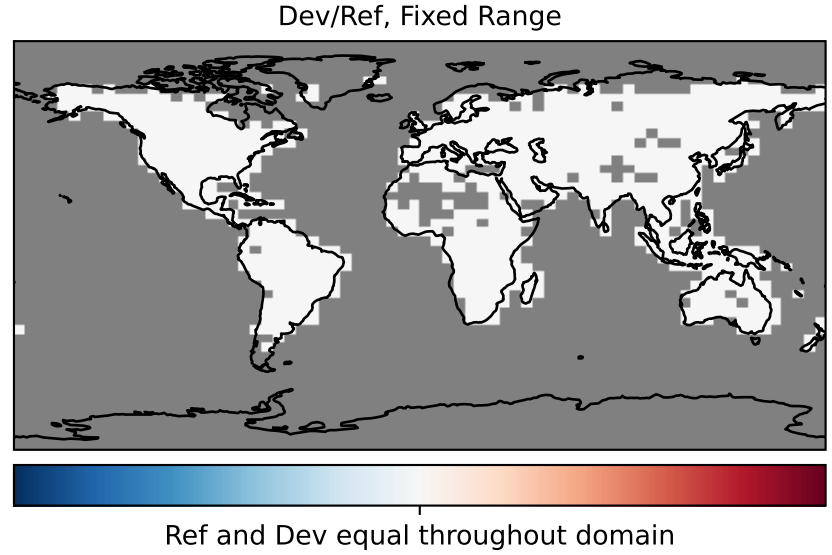
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

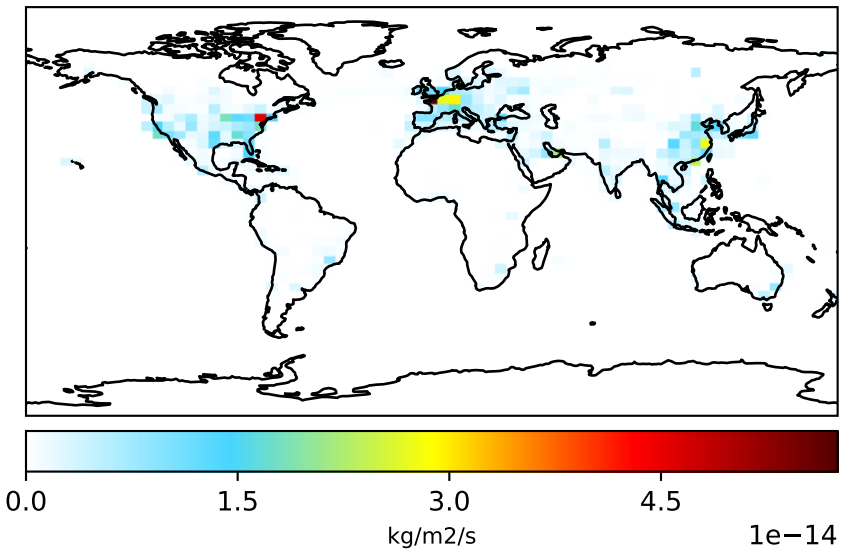


Ratio
Dev/Ref, Fixed Range

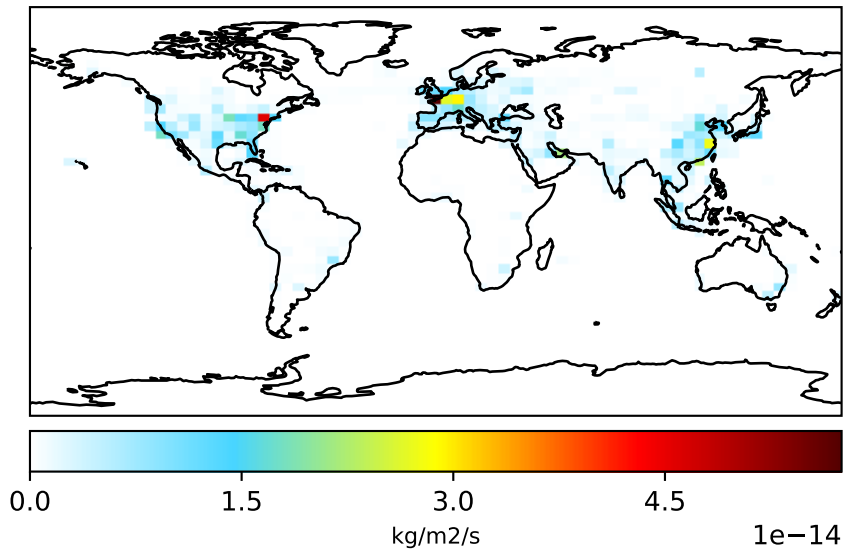


EmisMACR_Aircraft

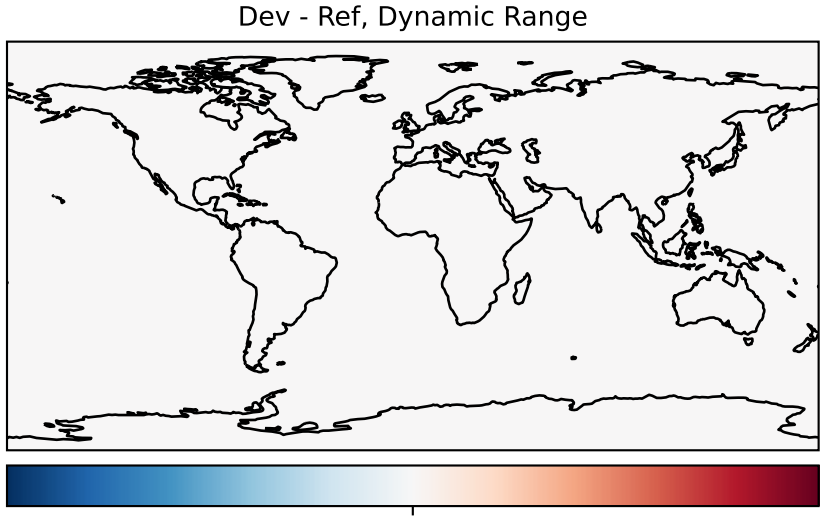
gcc-4x5-1Mon-14.6.0-alpha.8 (Ref)
4.0x5.0



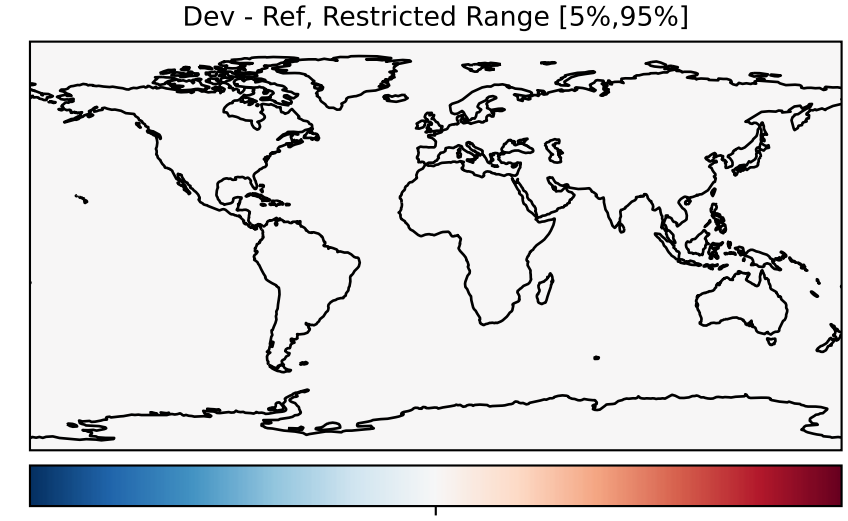
gcc-4x5-1Mon-14.6.0-alpha.15 (Dev)
4.0x5.0



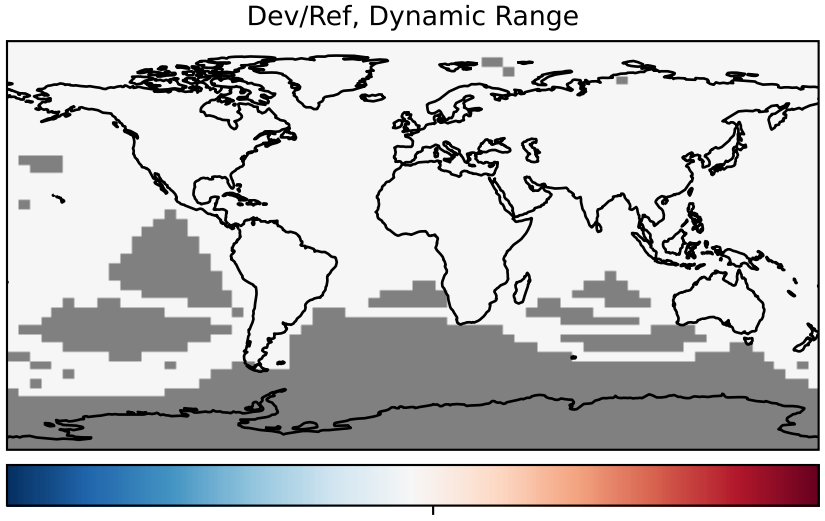
Difference
Dev - Ref, Dynamic Range



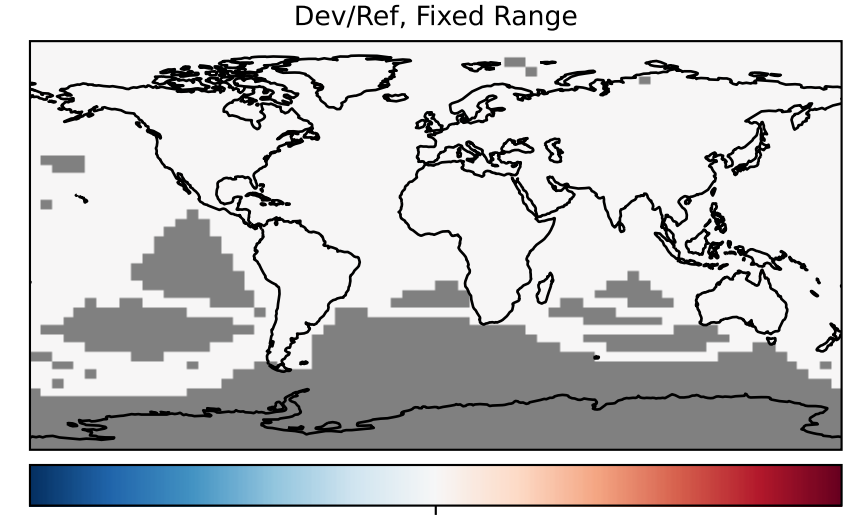
Difference
Dev - Ref, Restricted Range [5%,95%]



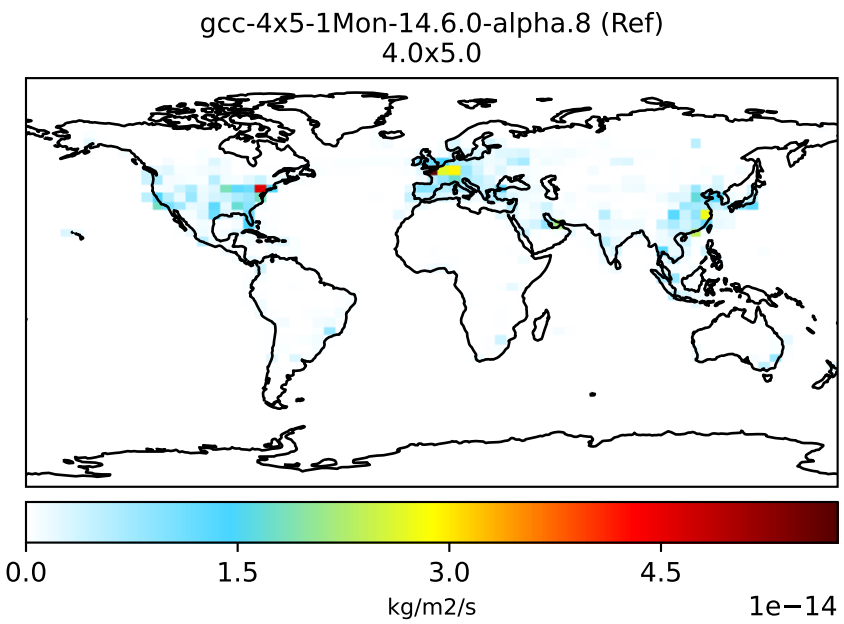
Ratio
Dev/Ref, Dynamic Range

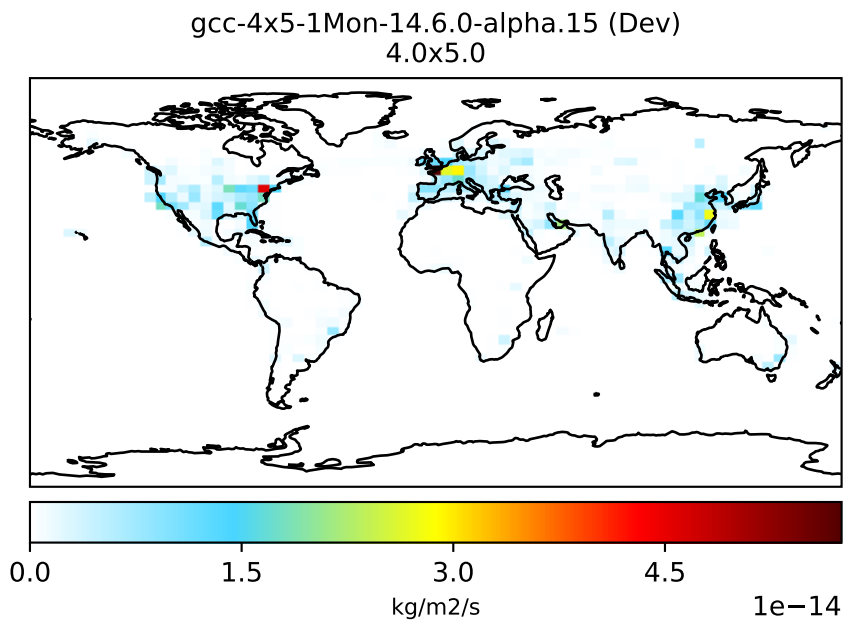


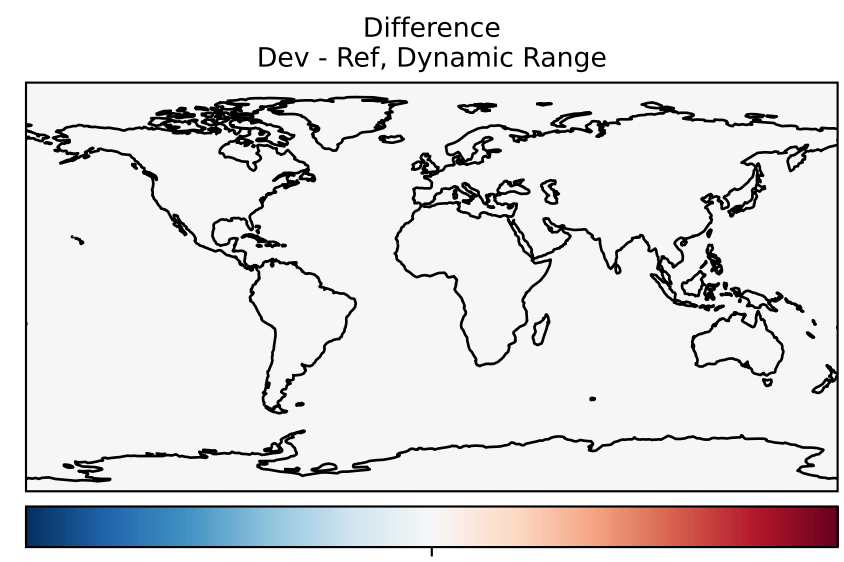
Ratio
Dev/Ref, Fixed Range

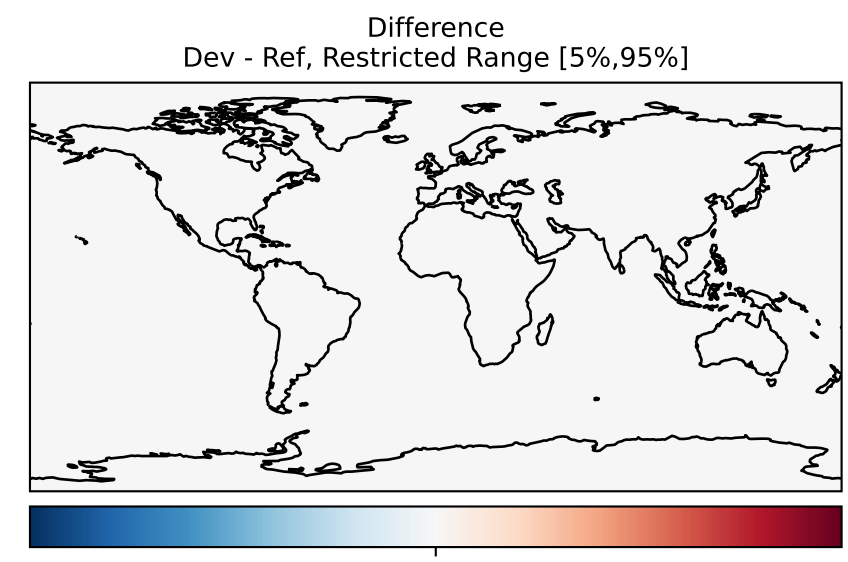


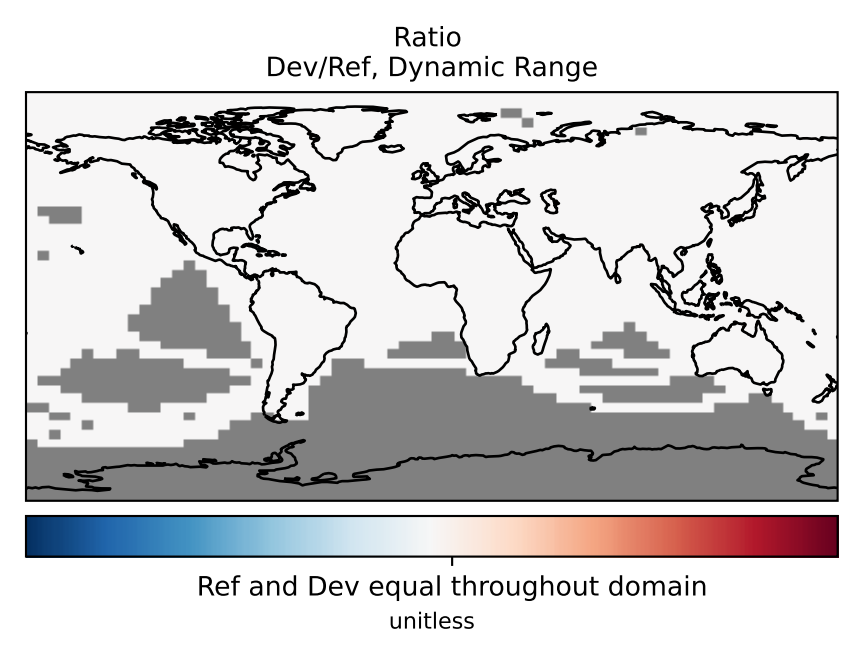
EmisMACR_Total

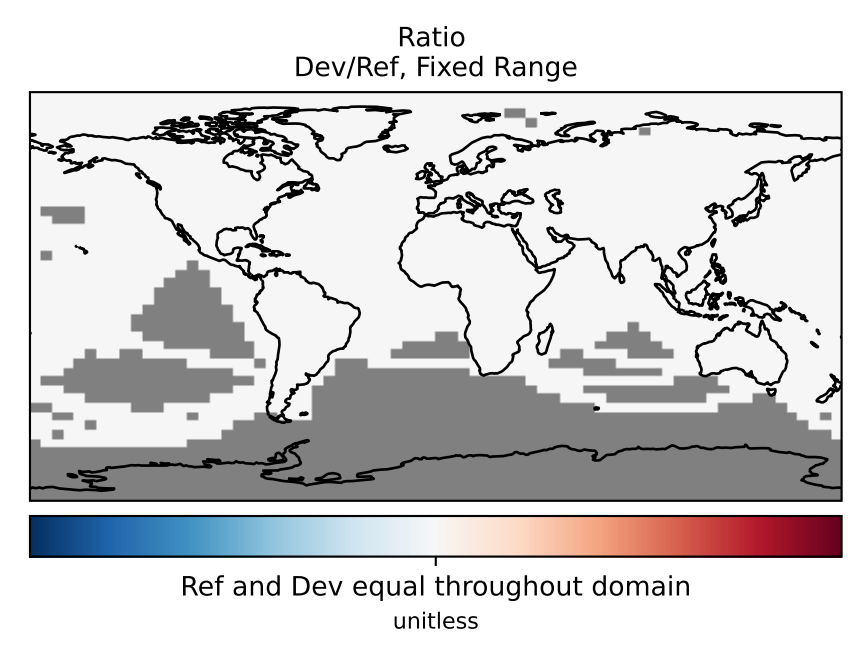






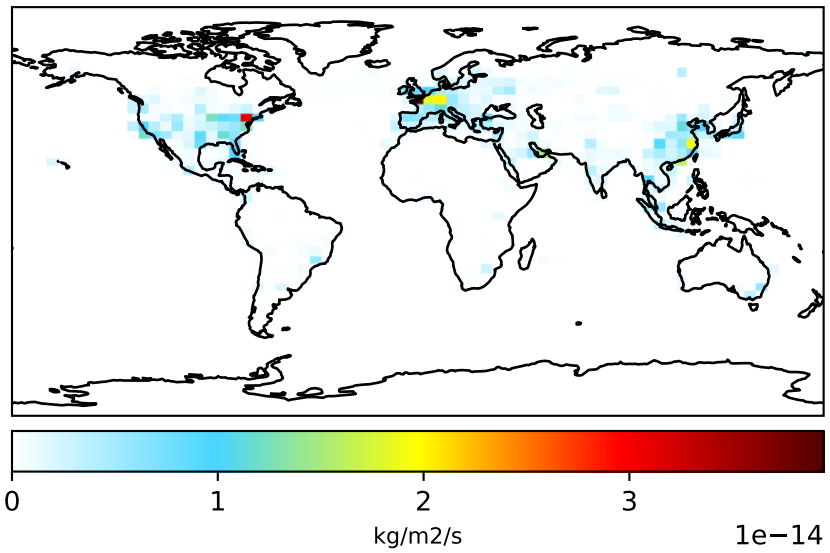




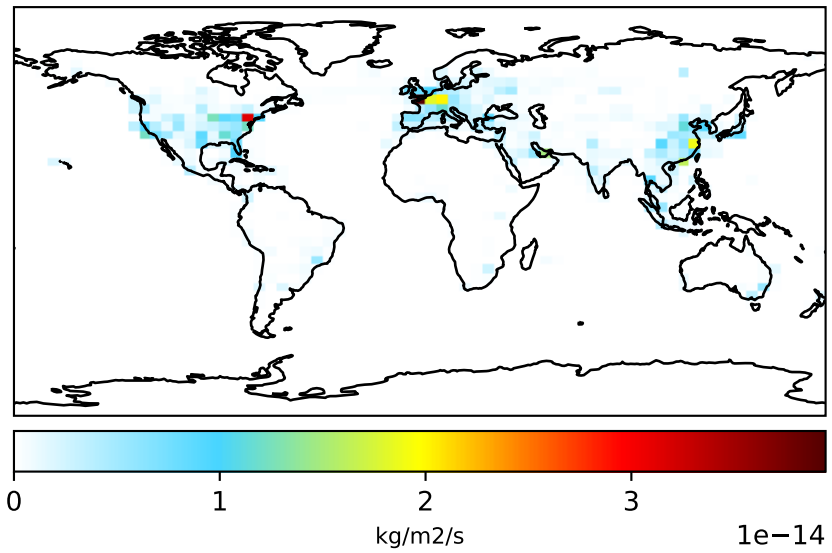


EmisRCHO_Aircraft

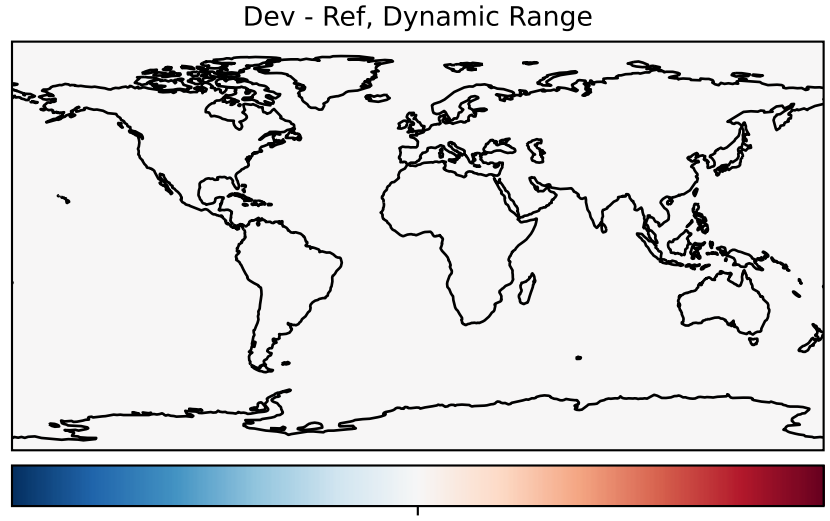
gcc-4x5-1Mon-14.6.0-alpha.8 (Ref)
4.0x5.0



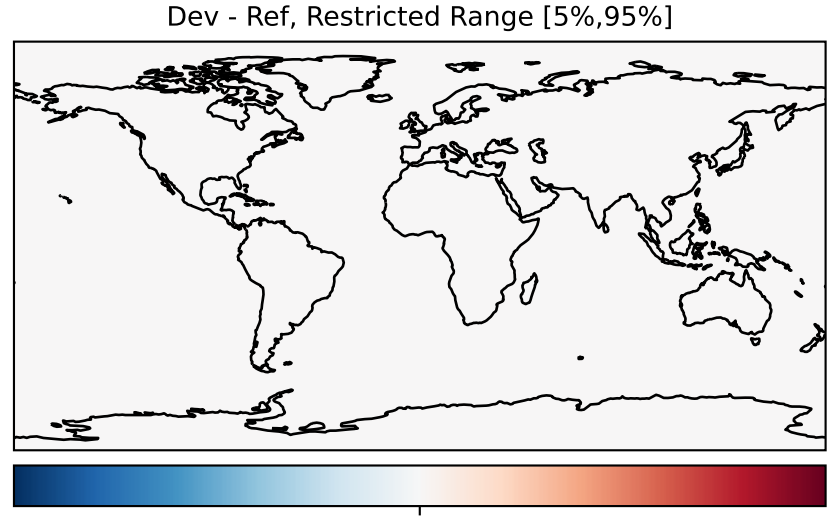
gcc-4x5-1Mon-14.6.0-alpha.15 (Dev)
4.0x5.0



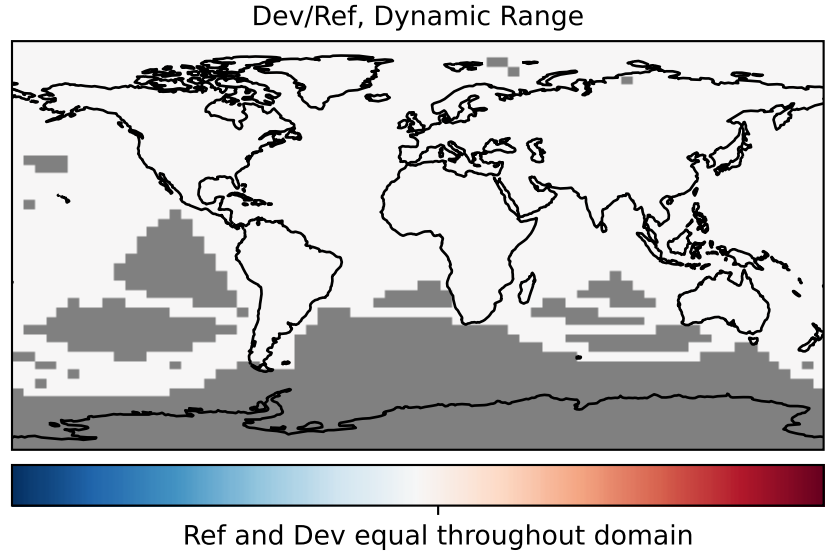
Difference
Dev - Ref, Dynamic Range



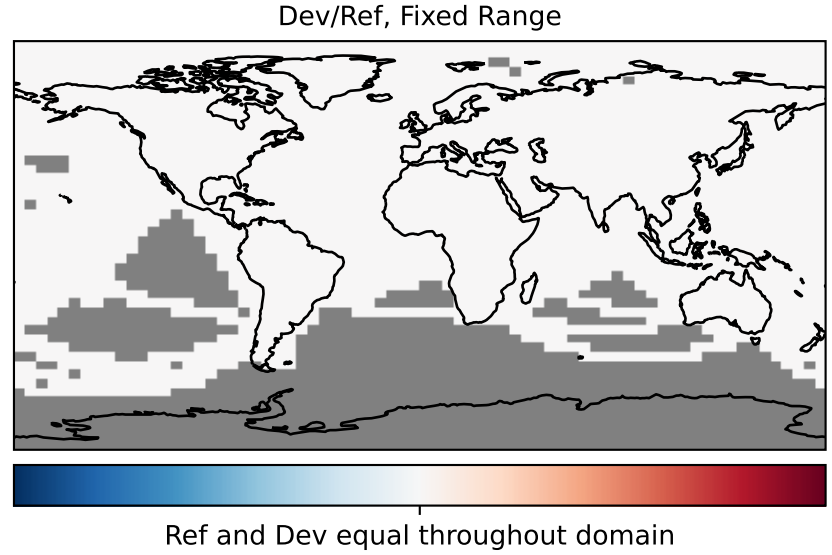
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

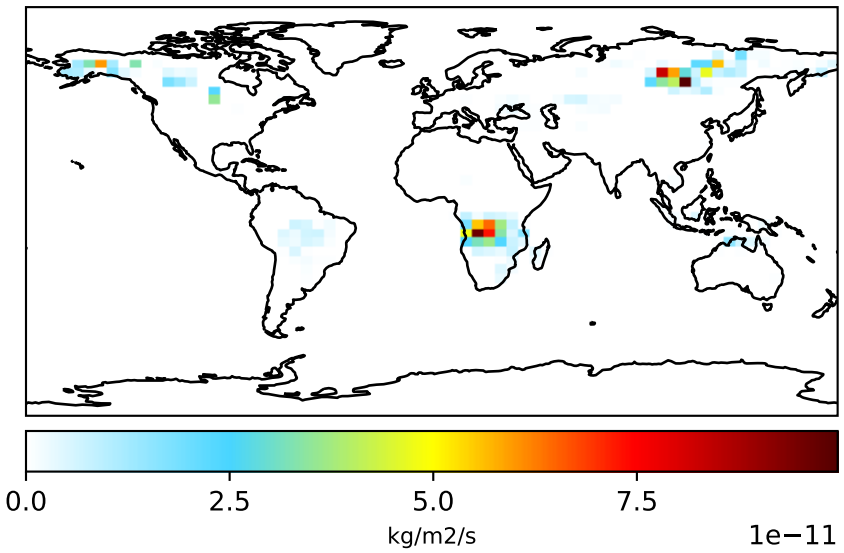


Ratio
Dev/Ref, Fixed Range

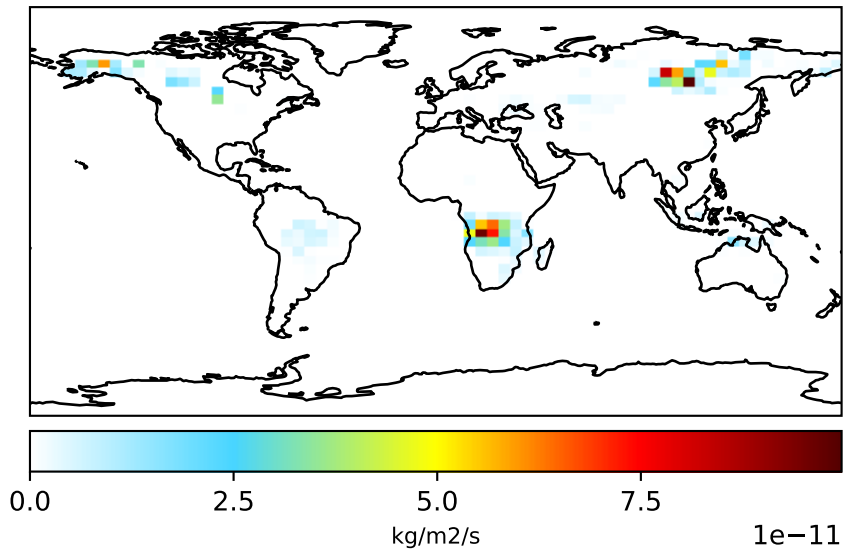


EmisRCHO_BioBurn

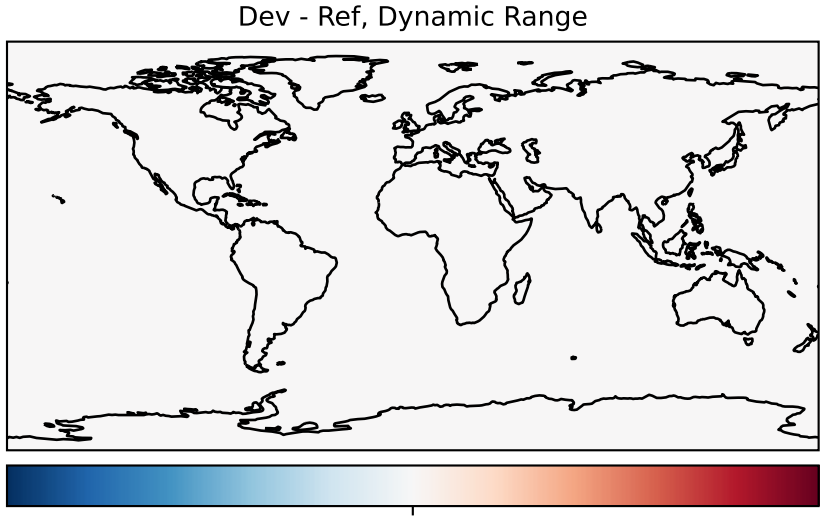
gcc-4x5-1Mon-14.6.0-alpha.8 (Ref)
4.0x5.0



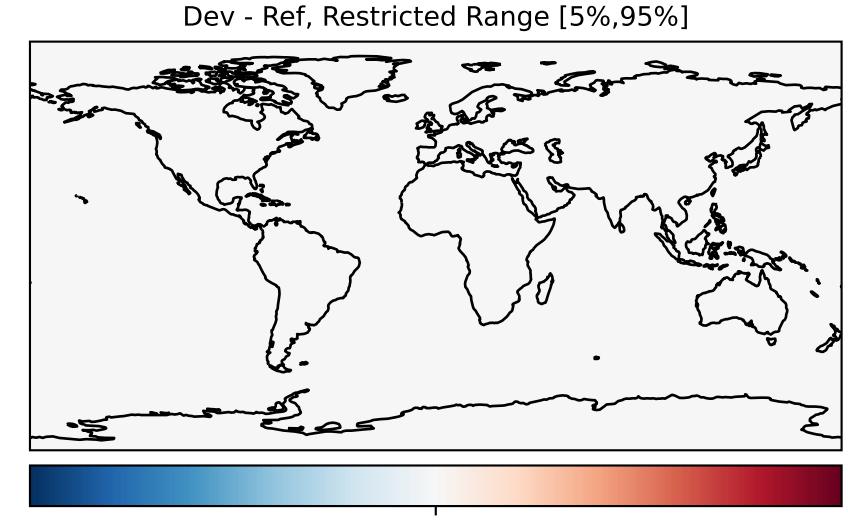
gcc-4x5-1Mon-14.6.0-alpha.15 (Dev)
4.0x5.0



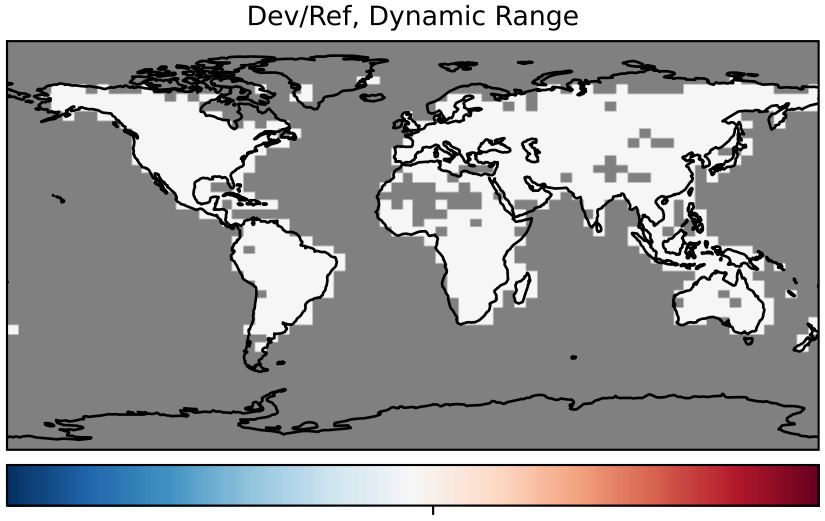
Difference
Dev - Ref, Dynamic Range



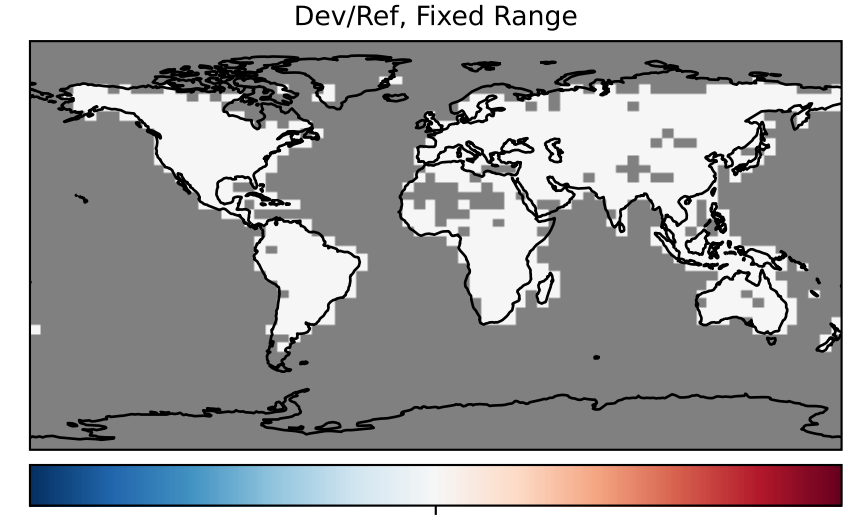
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

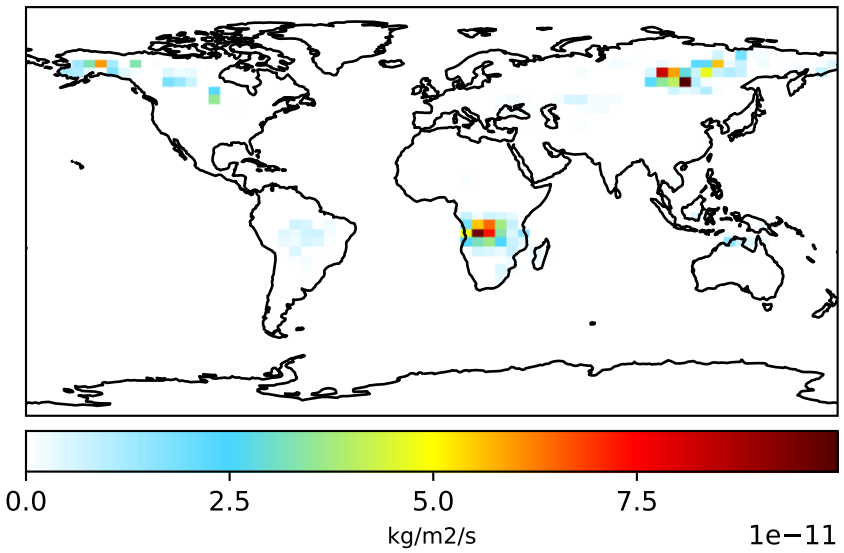


Ratio
Dev/Ref, Fixed Range

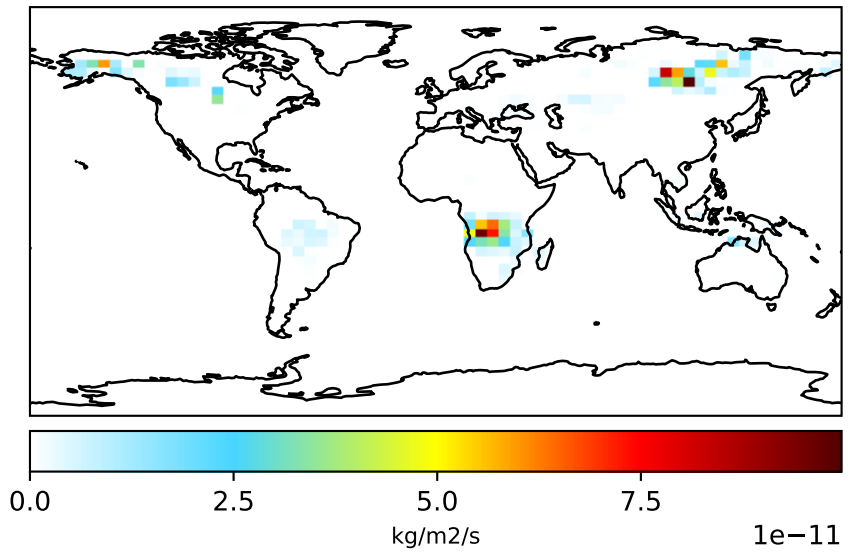


EmisRCHO_Total

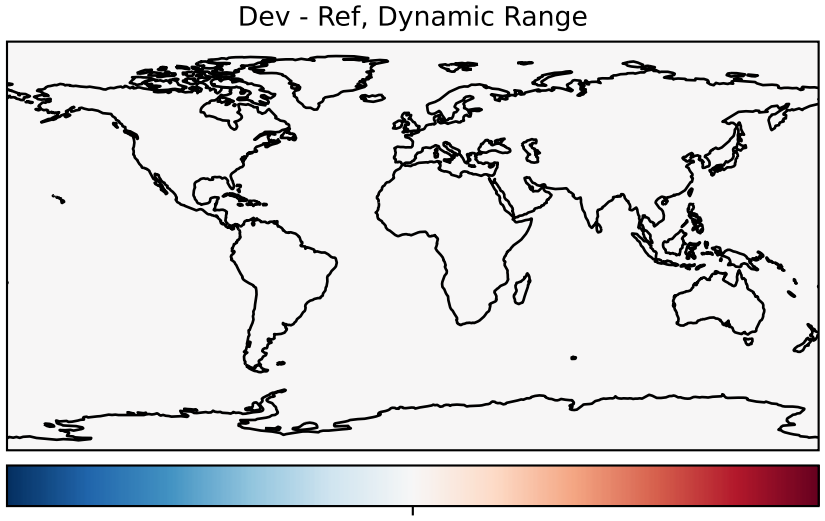
gcc-4x5-1Mon-14.6.0-alpha.8 (Ref)
4.0x5.0



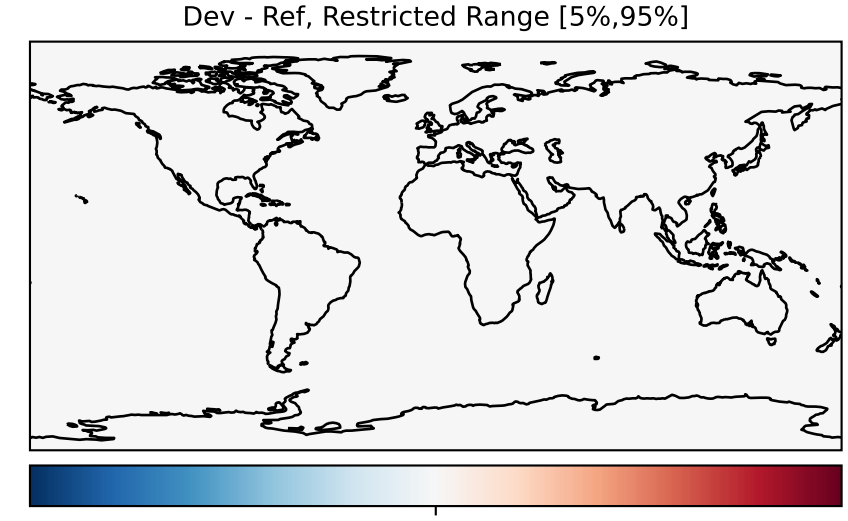
gcc-4x5-1Mon-14.6.0-alpha.15 (Dev)
4.0x5.0



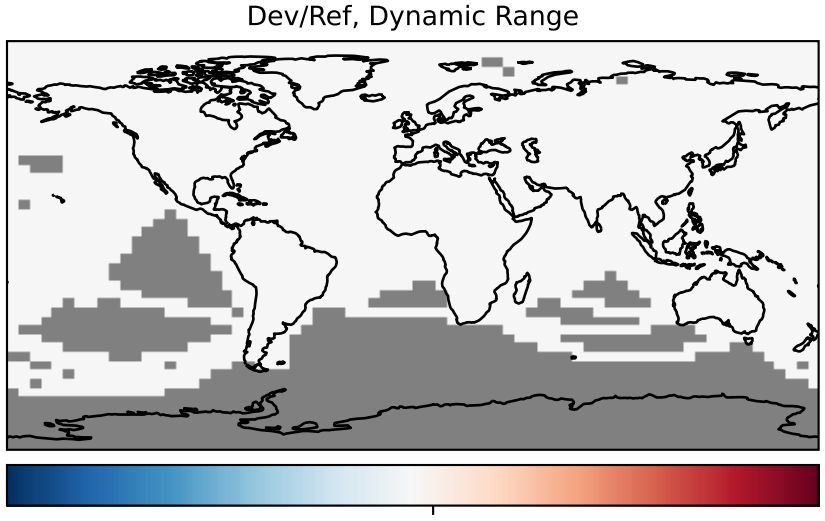
Difference
Dev - Ref, Dynamic Range



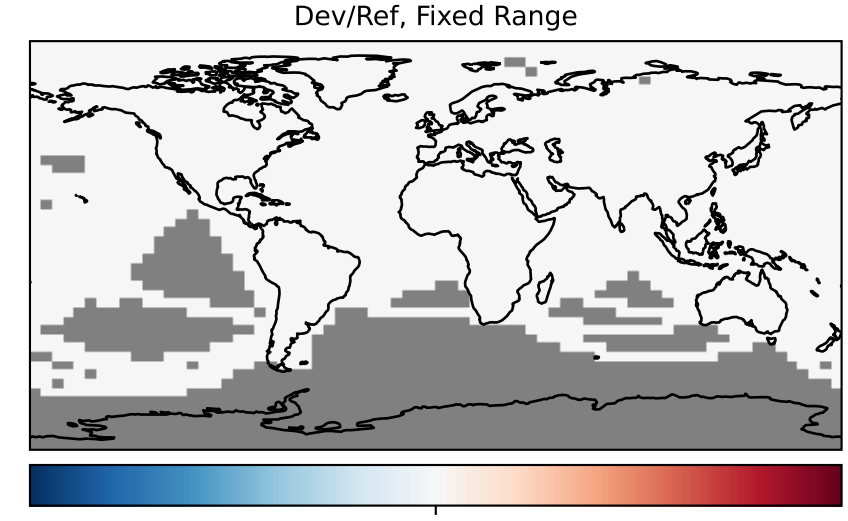
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

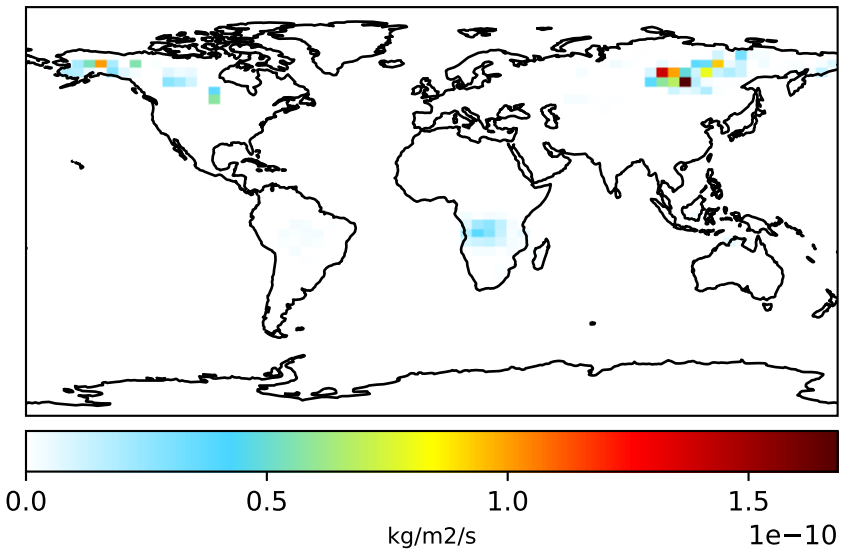


Ratio
Dev/Ref, Fixed Range

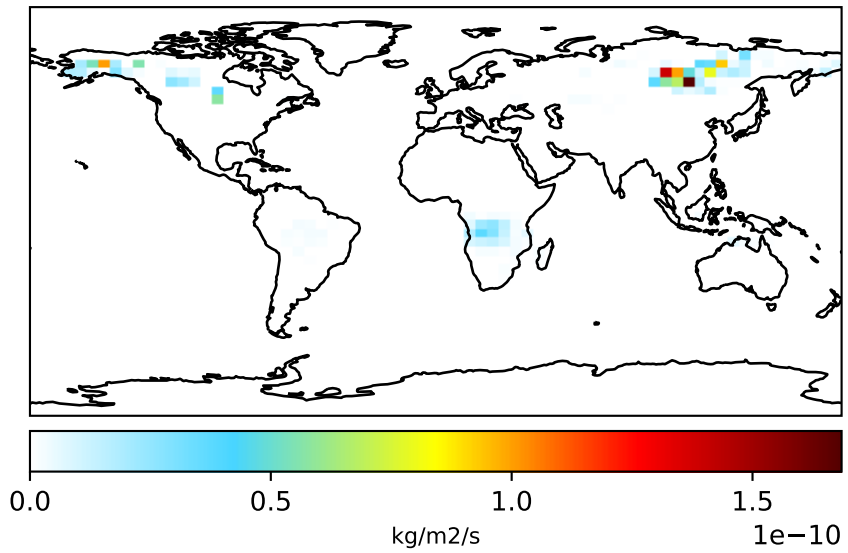


EmisACET_BioBurn

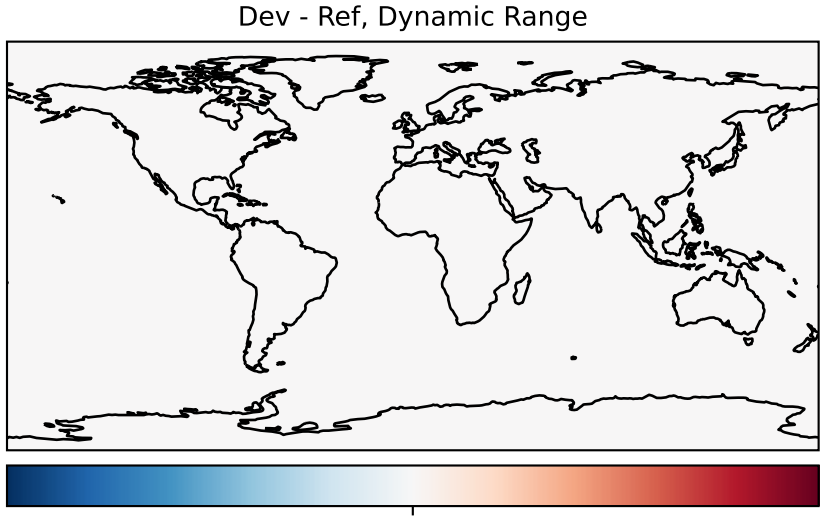
gcc-4x5-1Mon-14.6.0-alpha.8 (Ref)
4.0x5.0



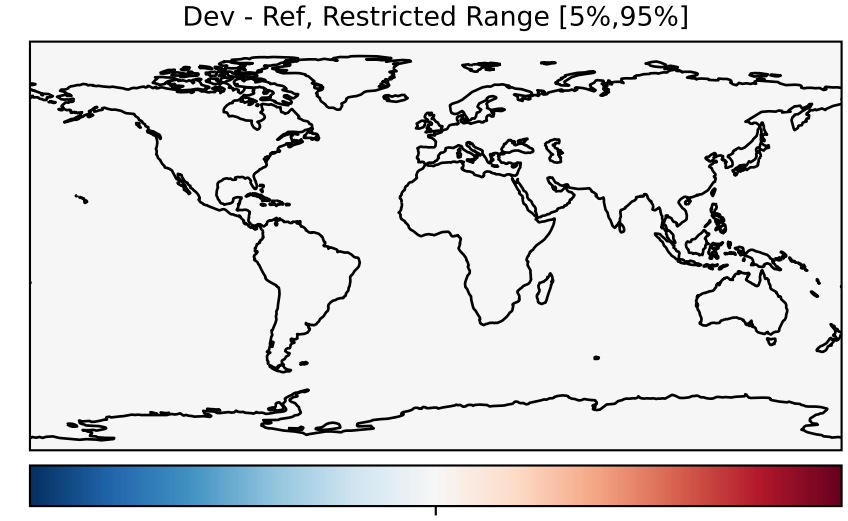
gcc-4x5-1Mon-14.6.0-alpha.15 (Dev)
4.0x5.0



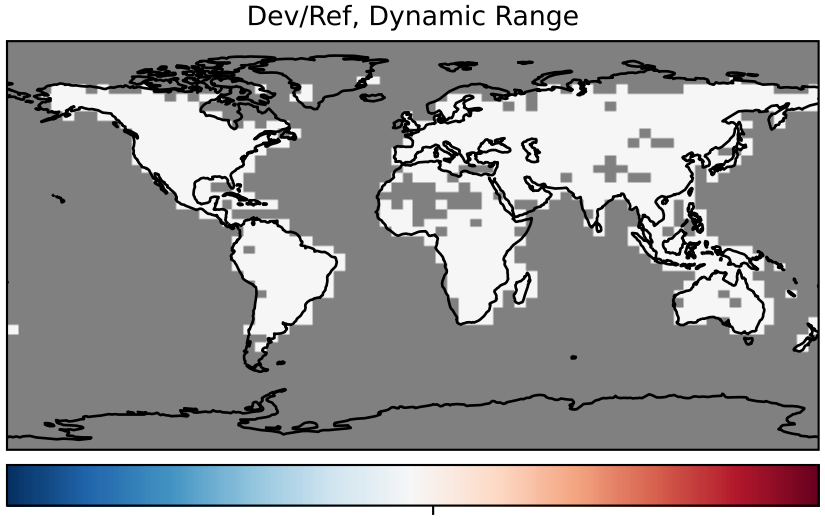
Difference
Dev - Ref, Dynamic Range



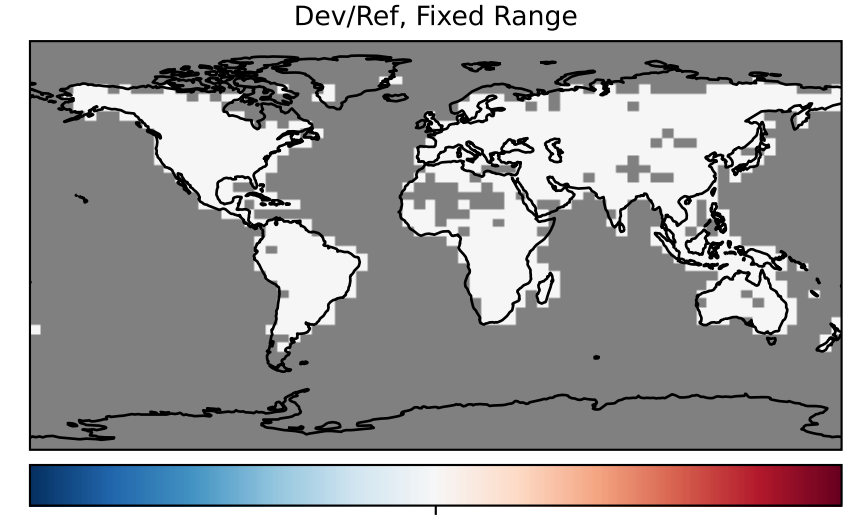
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

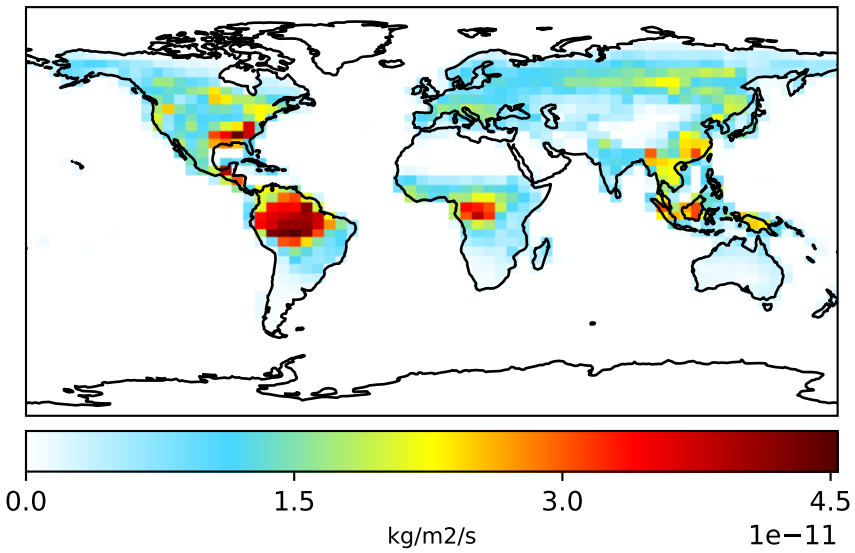


Ratio
Dev/Ref, Fixed Range

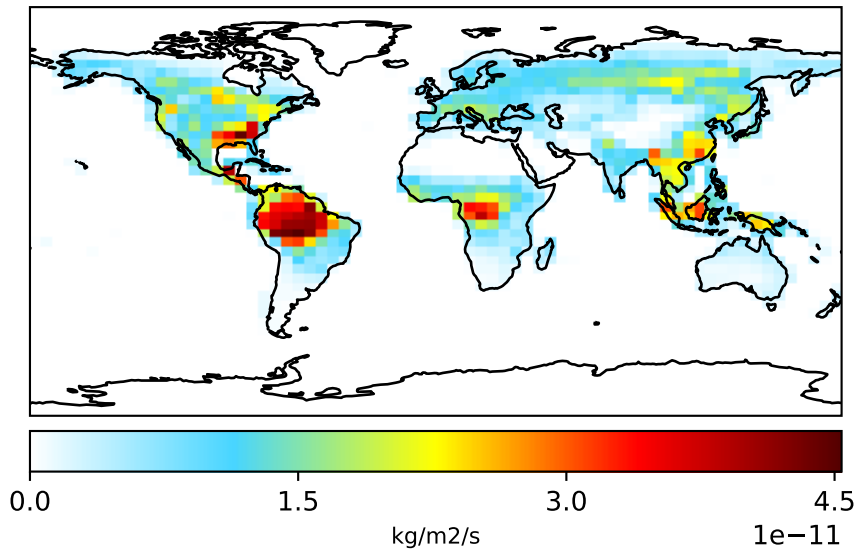


EmisACET_Biogenic

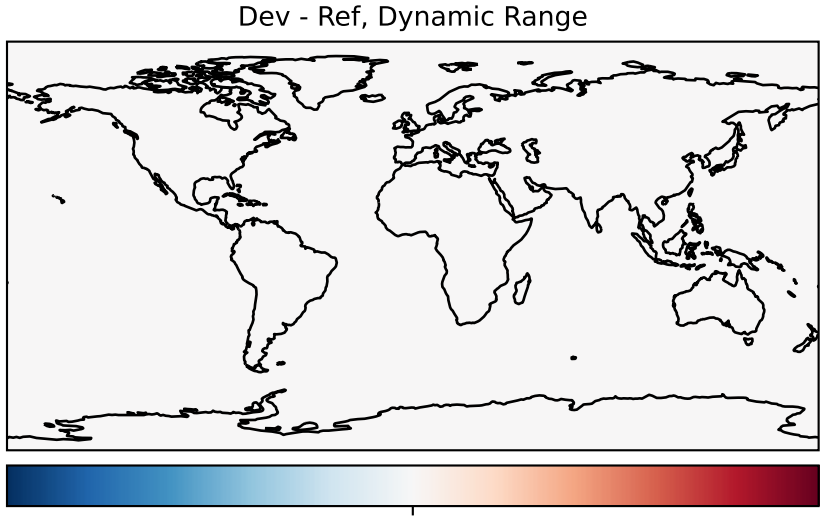
gcc-4x5-1Mon-14.6.0-alpha.8 (Ref)
4.0x5.0



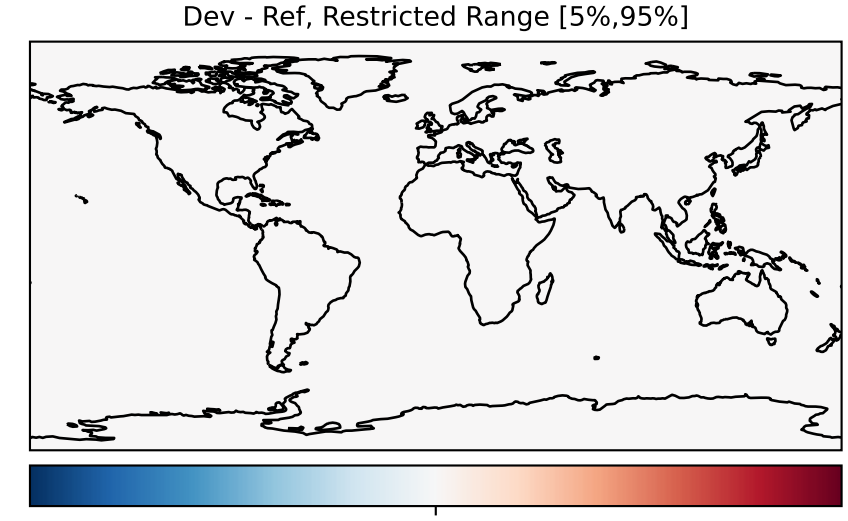
gcc-4x5-1Mon-14.6.0-alpha.15 (Dev)
4.0x5.0



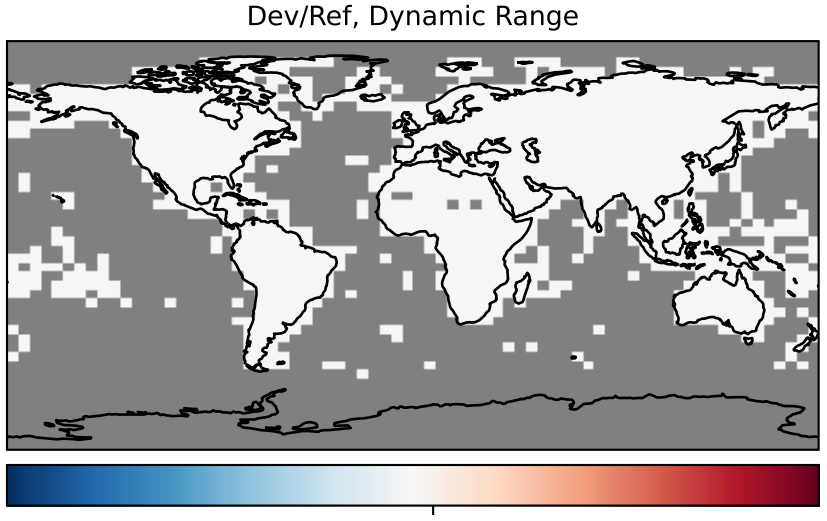
Difference
Dev - Ref, Dynamic Range



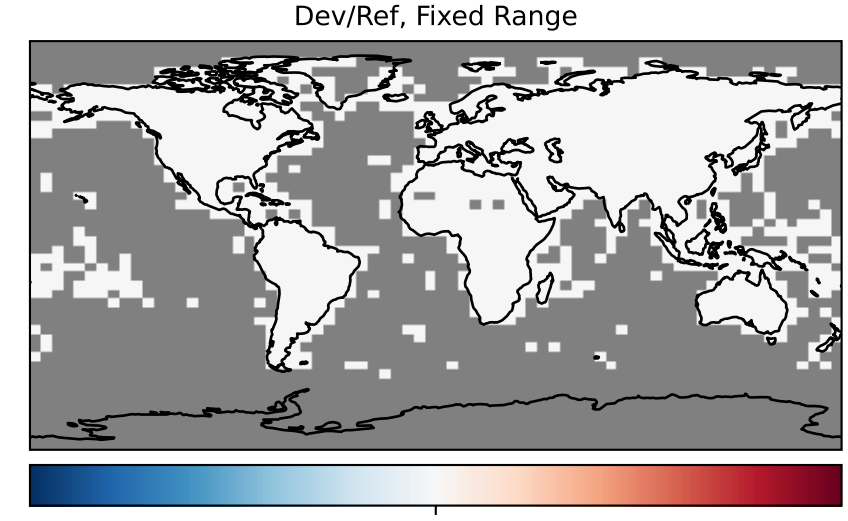
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

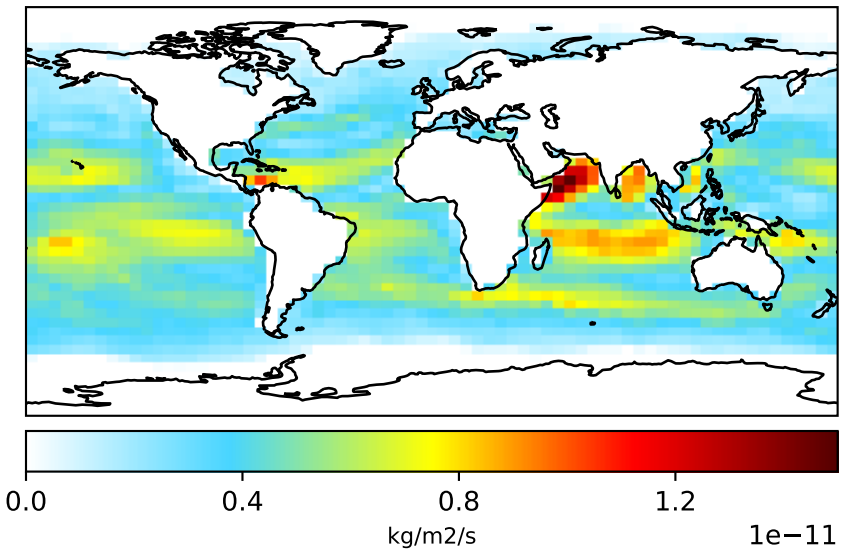


Ratio
Dev/Ref, Fixed Range

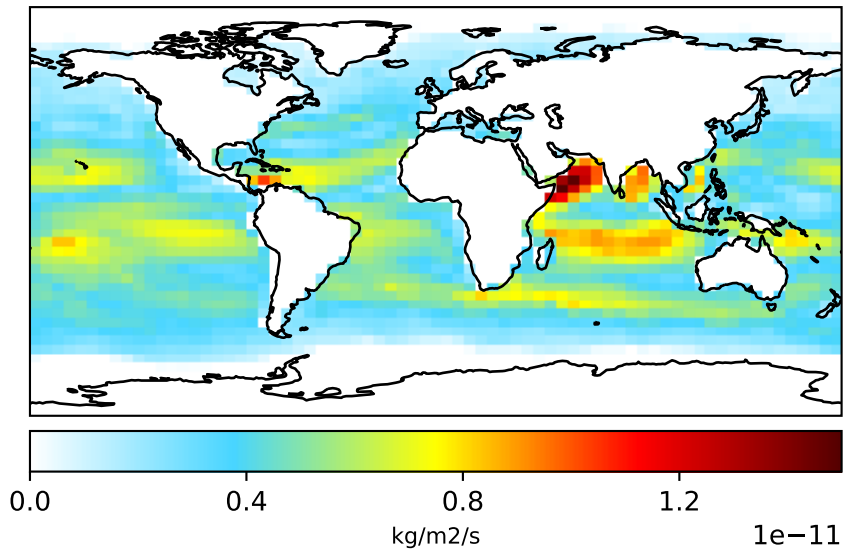


EmisACET_Ocean

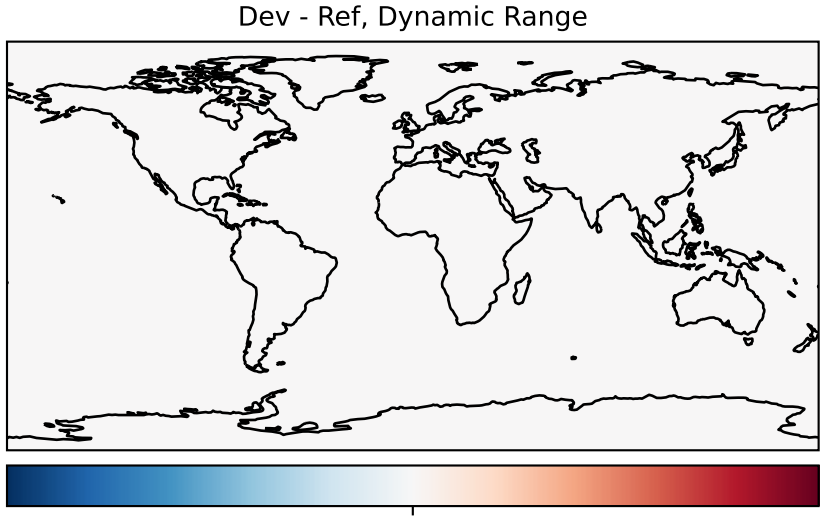
gcc-4x5-1Mon-14.6.0-alpha.8 (Ref)
4.0x5.0



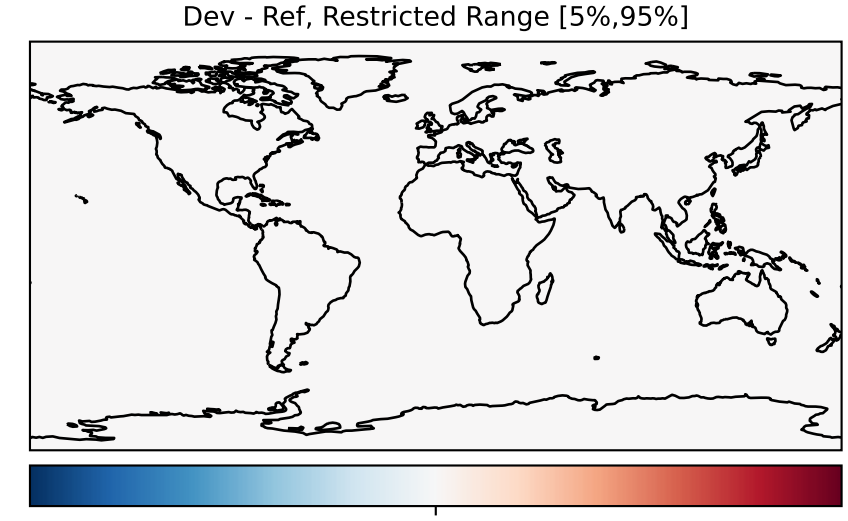
gcc-4x5-1Mon-14.6.0-alpha.15 (Dev)
4.0x5.0



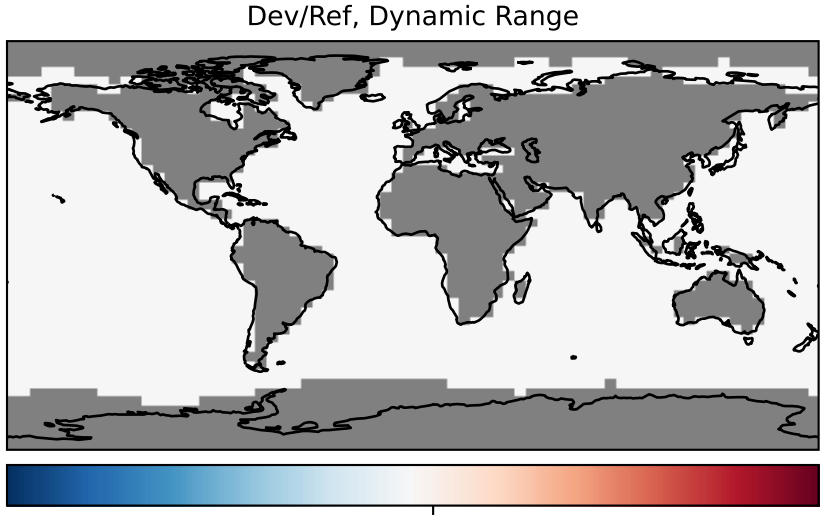
Difference
Dev - Ref, Dynamic Range



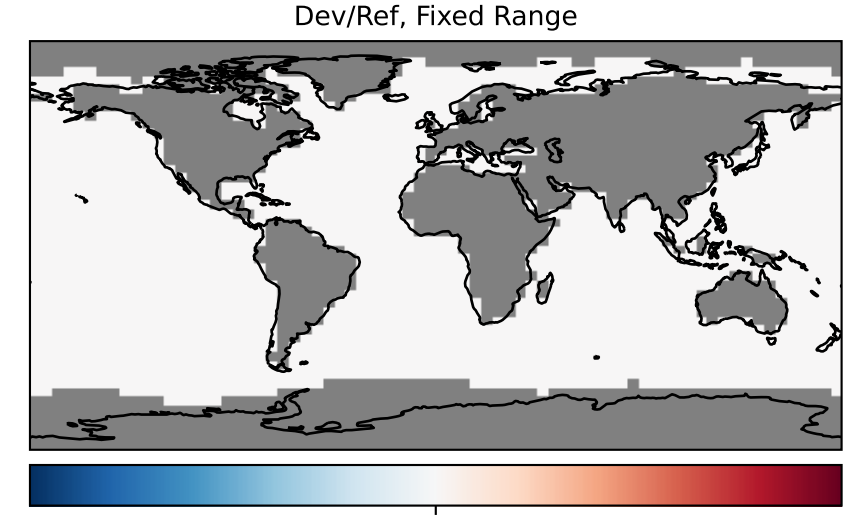
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

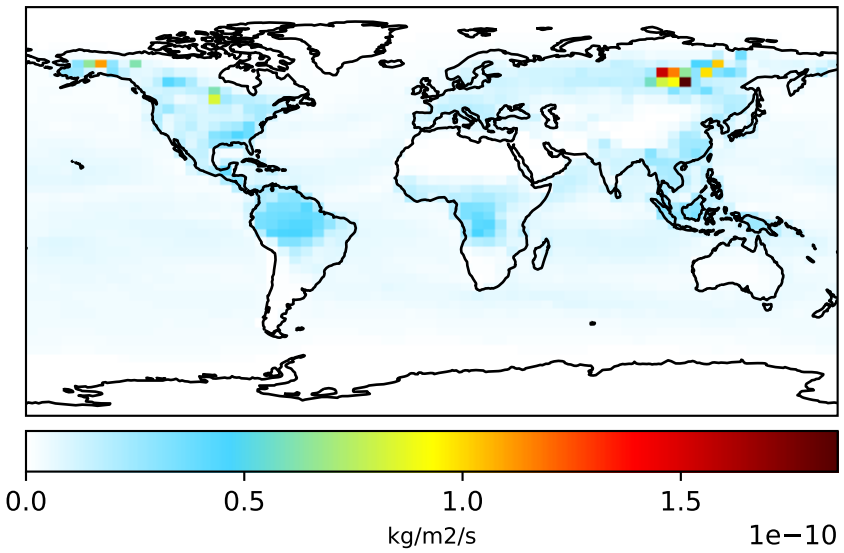


Ratio
Dev/Ref, Fixed Range

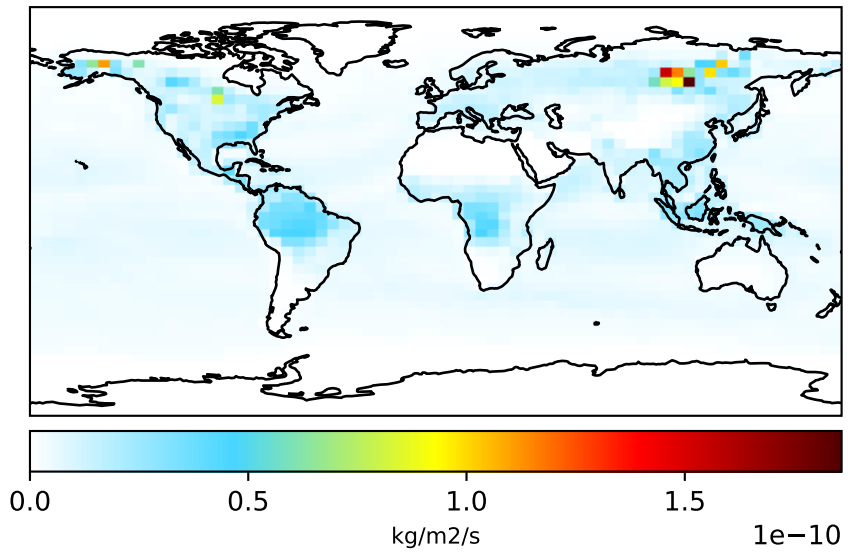


EmisACET_Total

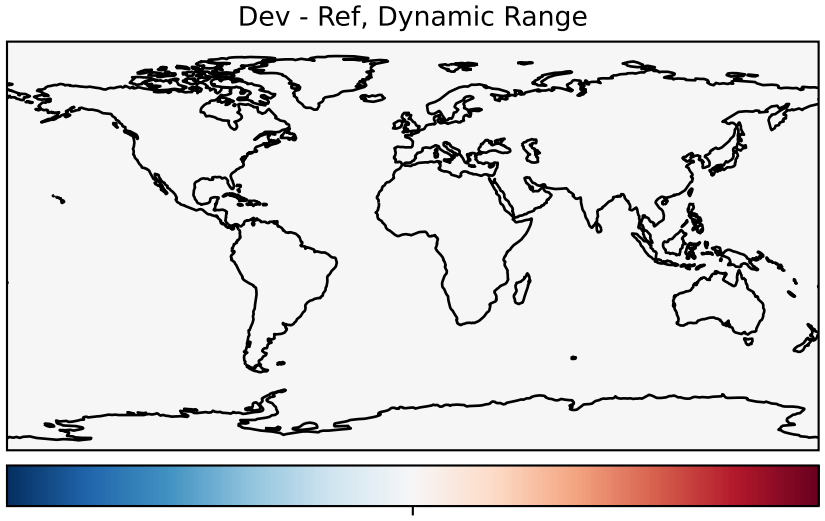
gcc-4x5-1Mon-14.6.0-alpha.8 (Ref)
4.0x5.0



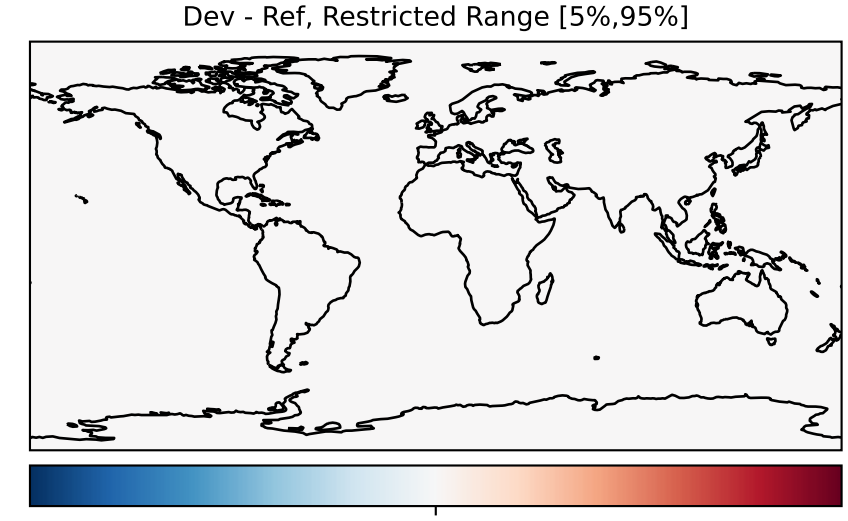
gcc-4x5-1Mon-14.6.0-alpha.15 (Dev)
4.0x5.0



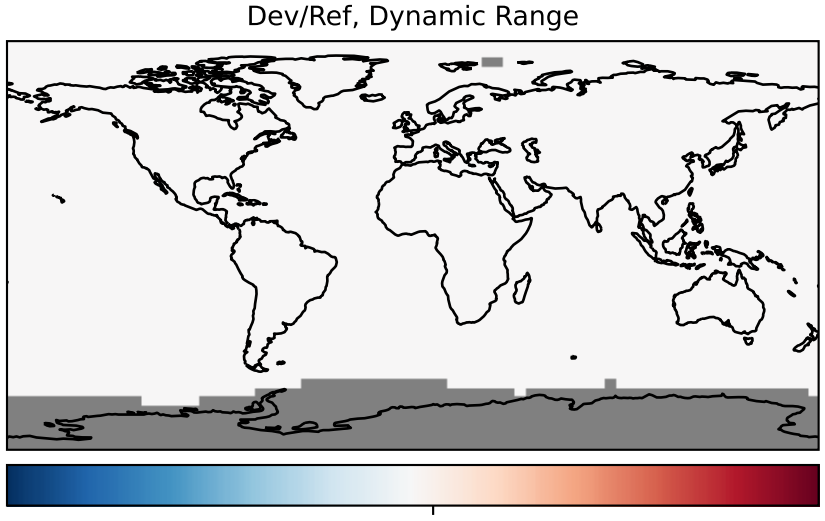
Difference
Dev - Ref, Dynamic Range



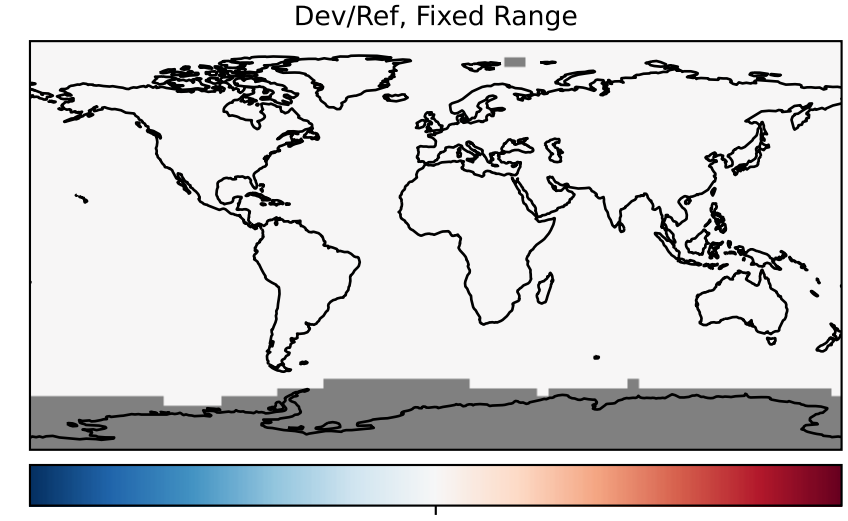
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

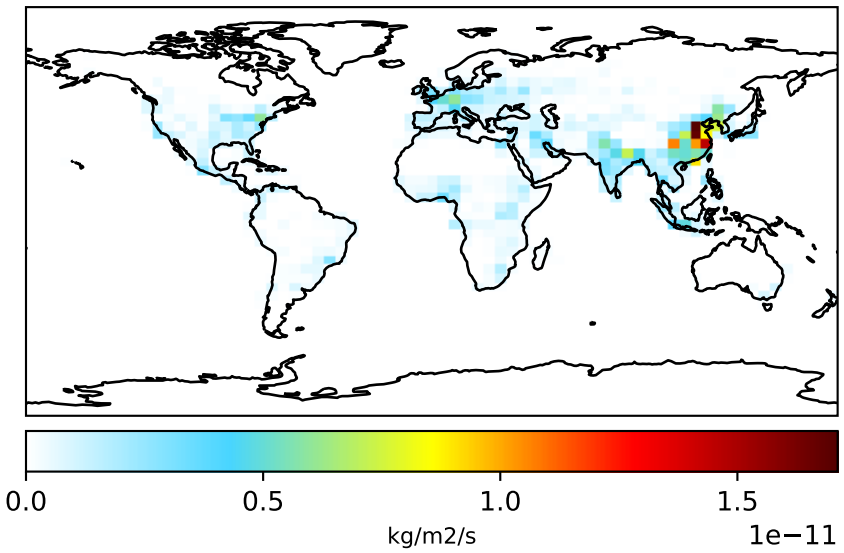


Ratio
Dev/Ref, Fixed Range

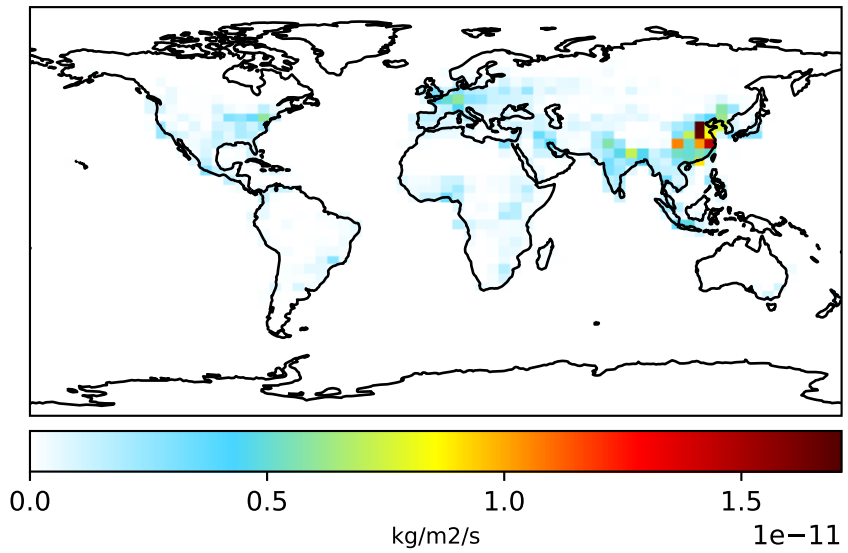


EmisMEK_Anthro

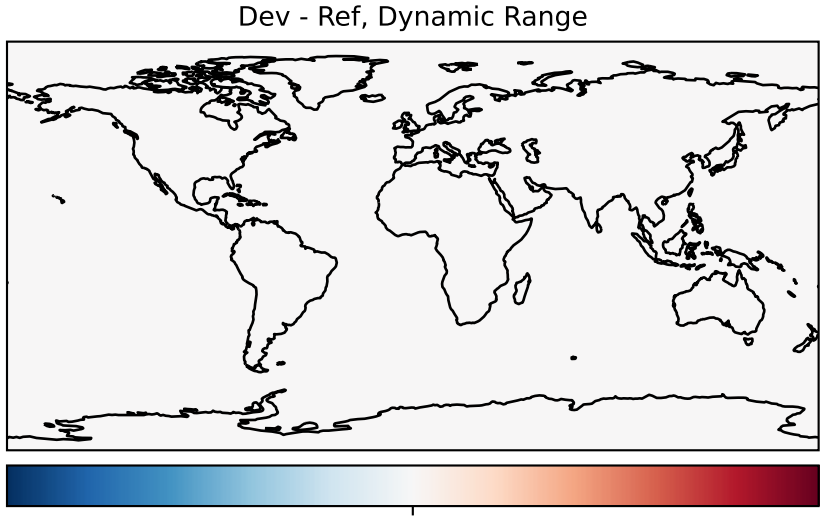
gcc-4x5-1Mon-14.6.0-alpha.8 (Ref)
4.0x5.0



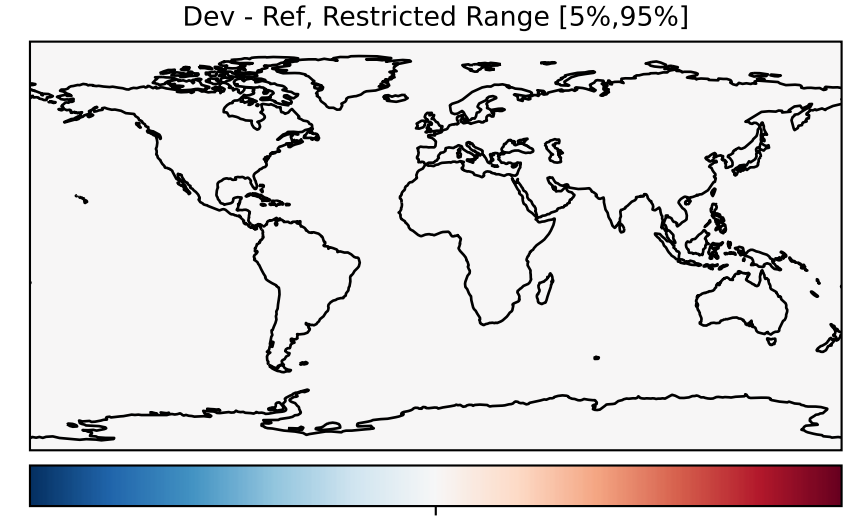
gcc-4x5-1Mon-14.6.0-alpha.15 (Dev)
4.0x5.0



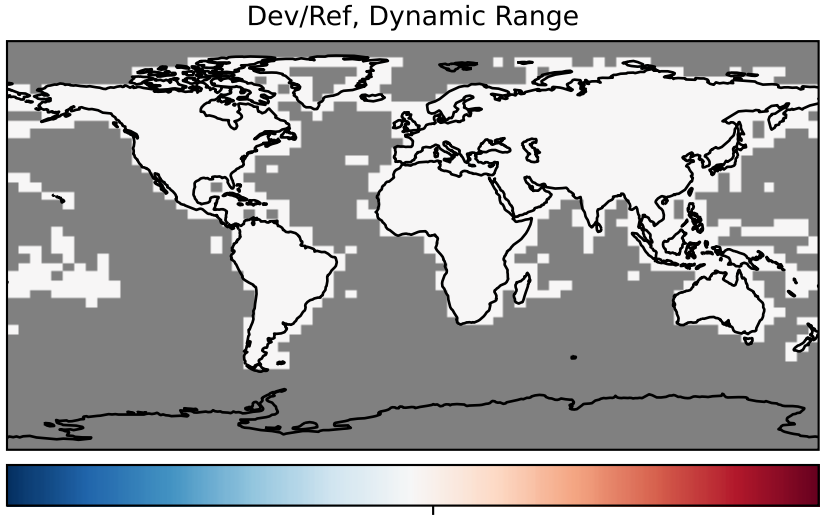
Difference
Dev - Ref, Dynamic Range



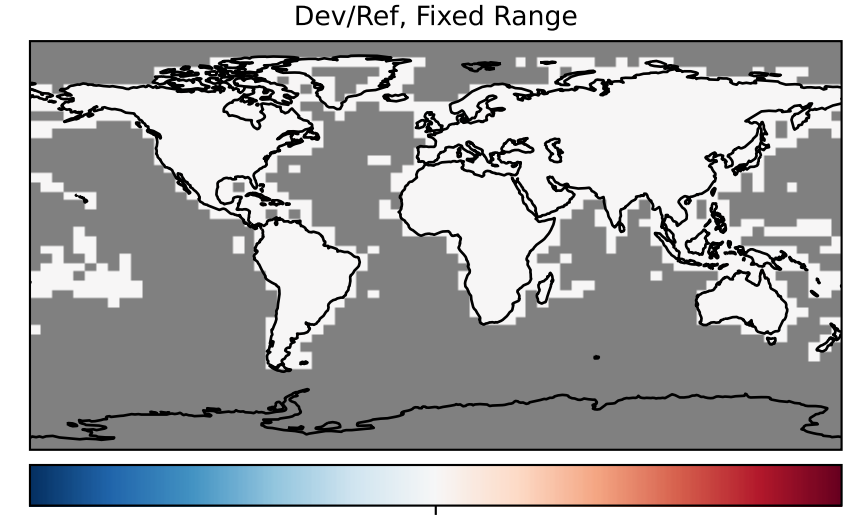
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

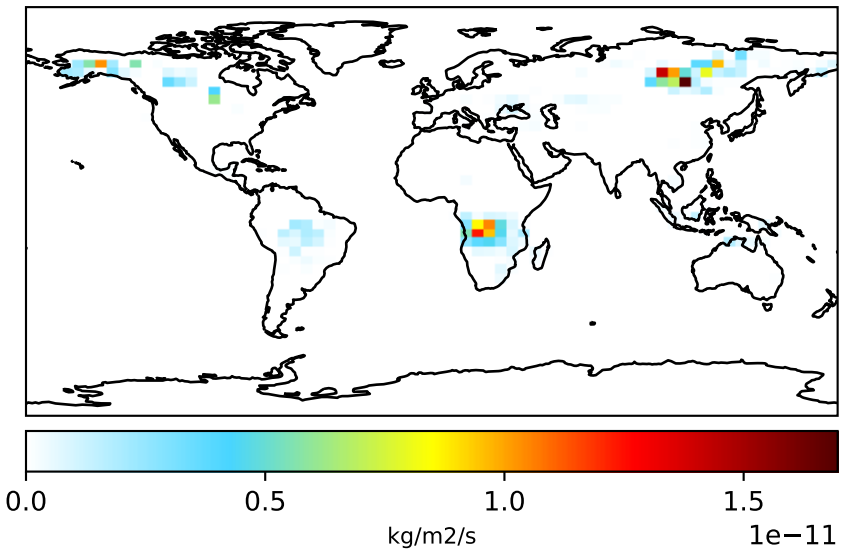


Ratio
Dev/Ref, Fixed Range

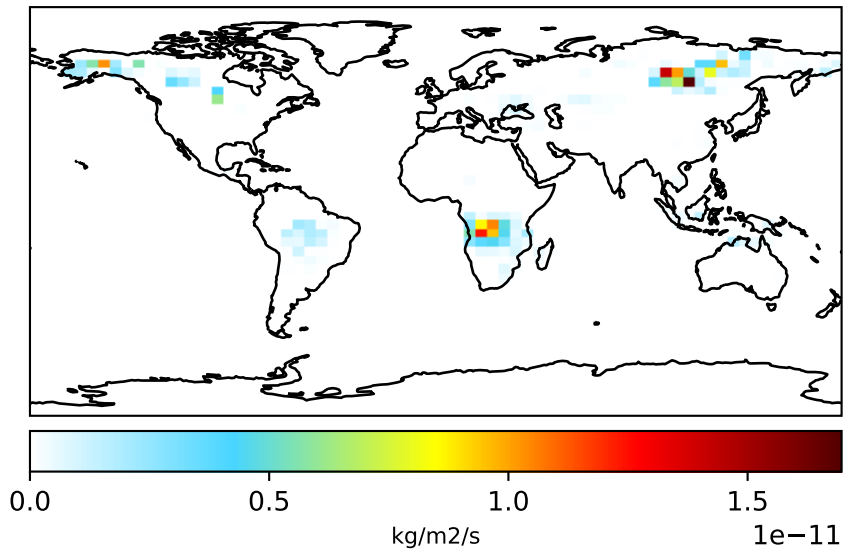


EmisMEK_BioBurn

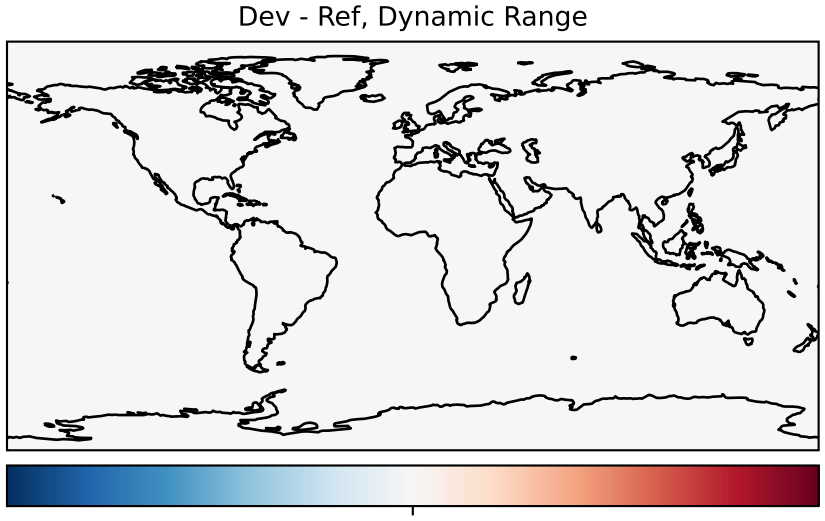
gcc-4x5-1Mon-14.6.0-alpha.8 (Ref)
4.0x5.0



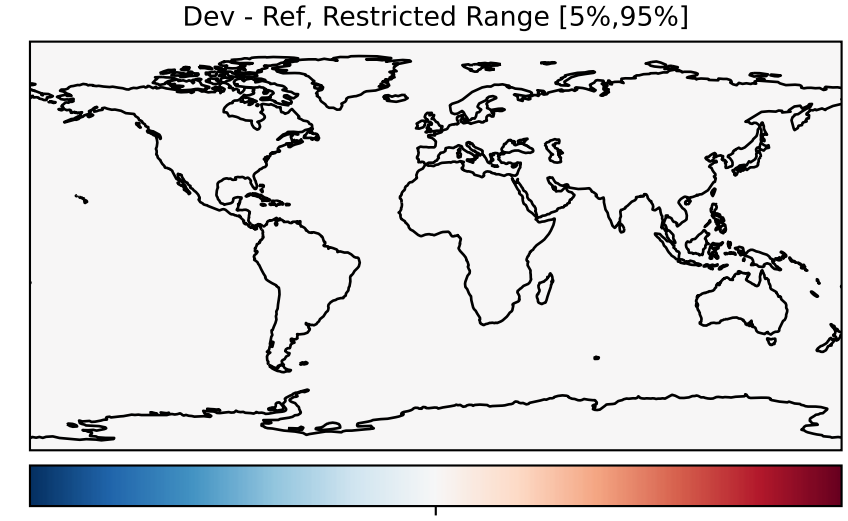
gcc-4x5-1Mon-14.6.0-alpha.15 (Dev)
4.0x5.0



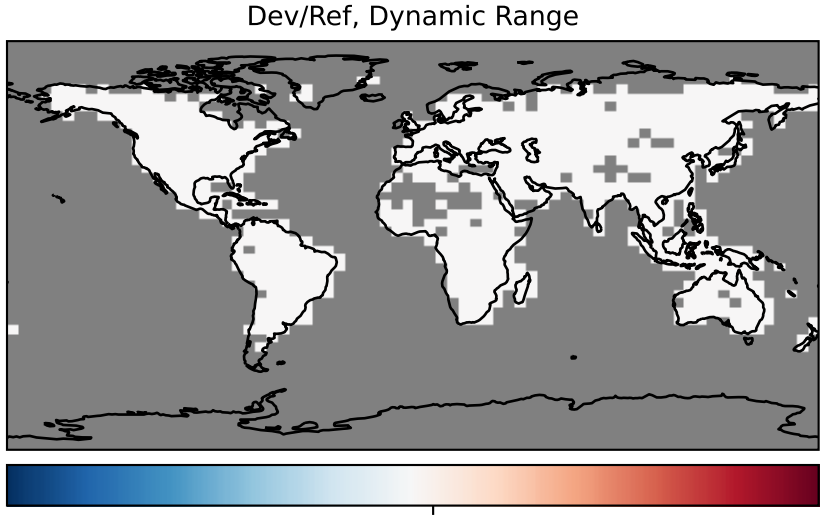
Difference
Dev - Ref, Dynamic Range



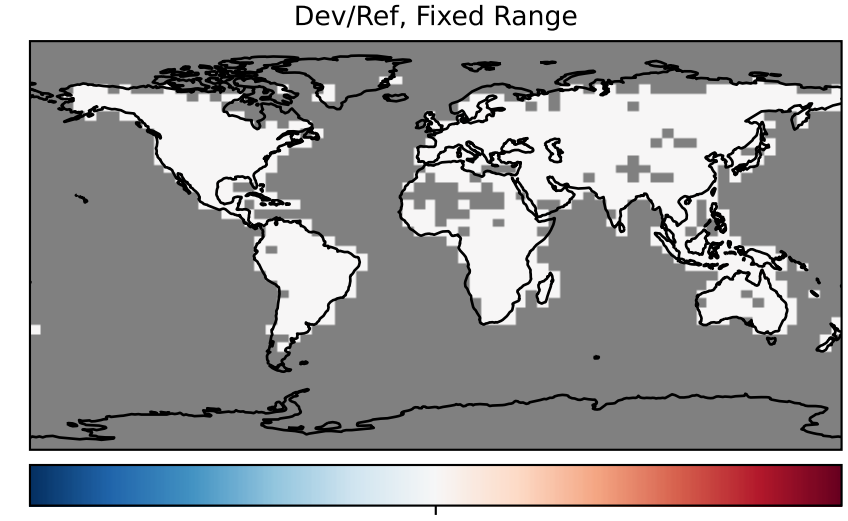
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

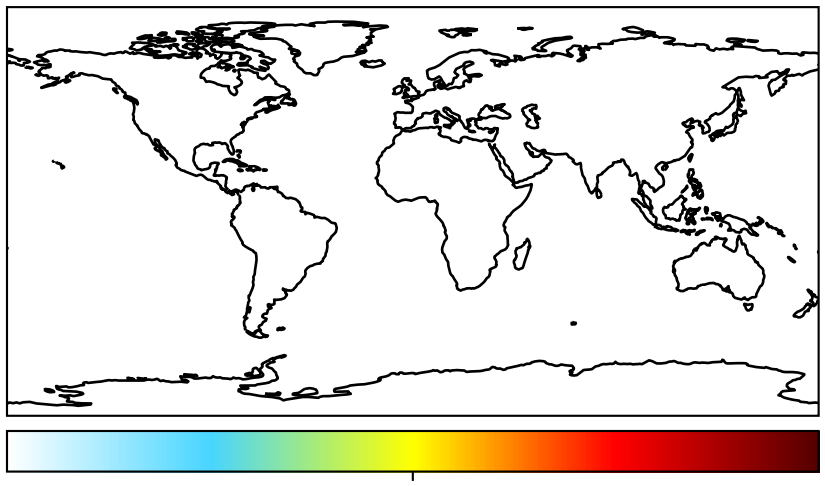


Ratio
Dev/Ref, Fixed Range



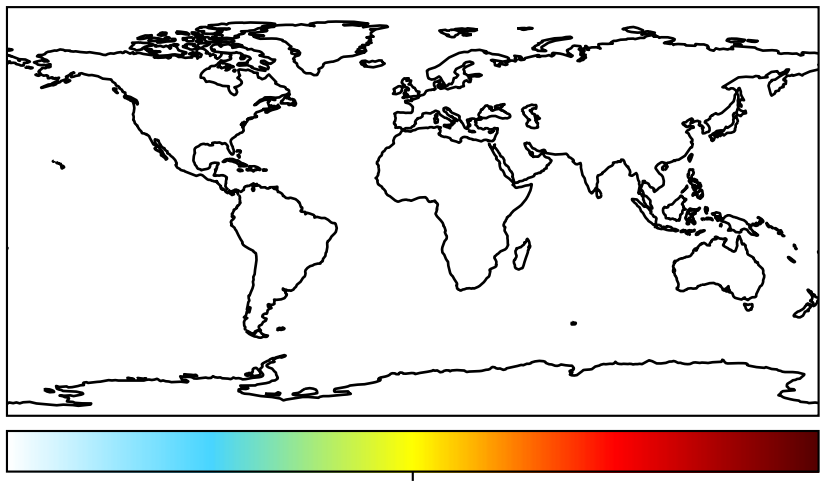
EmisMEK_Ship

gcc-4x5-1Mon-14.6.0-alpha.8 (Ref)
4.0x5.0



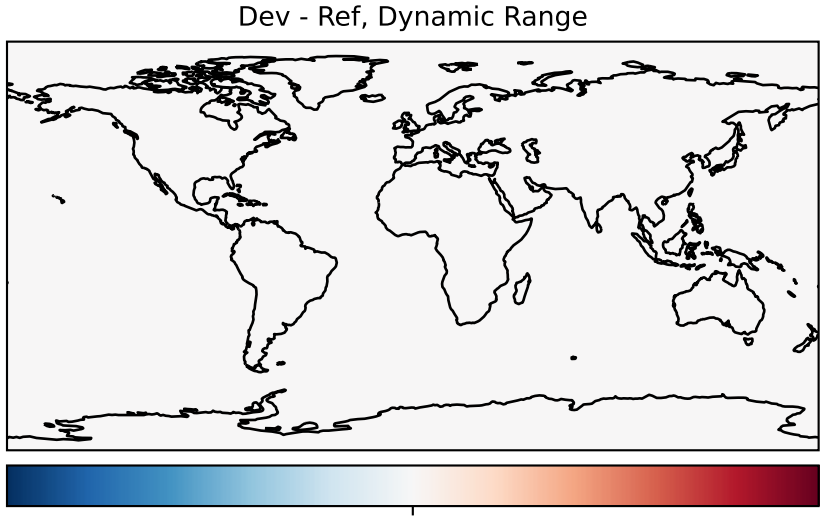
Zero throughout domain
kg/m2/s

gcc-4x5-1Mon-14.6.0-alpha.15 (Dev)
4.0x5.0



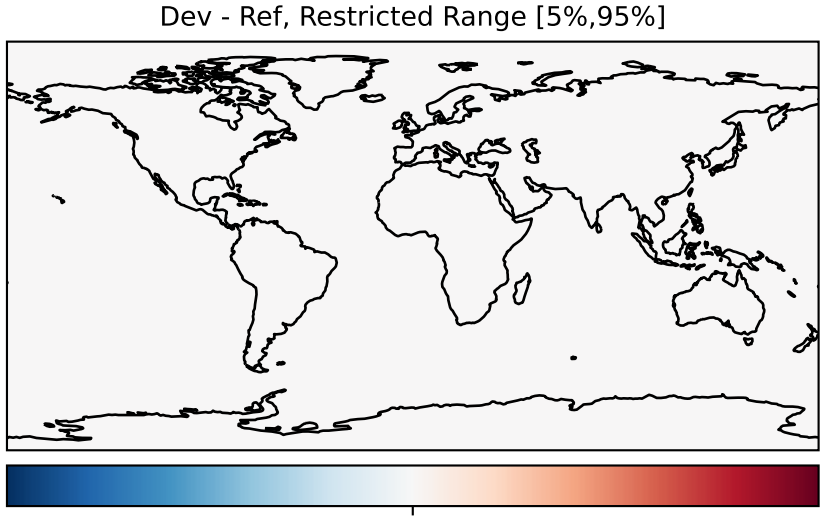
Zero throughout domain
kg/m2/s

Difference
Dev - Ref, Dynamic Range



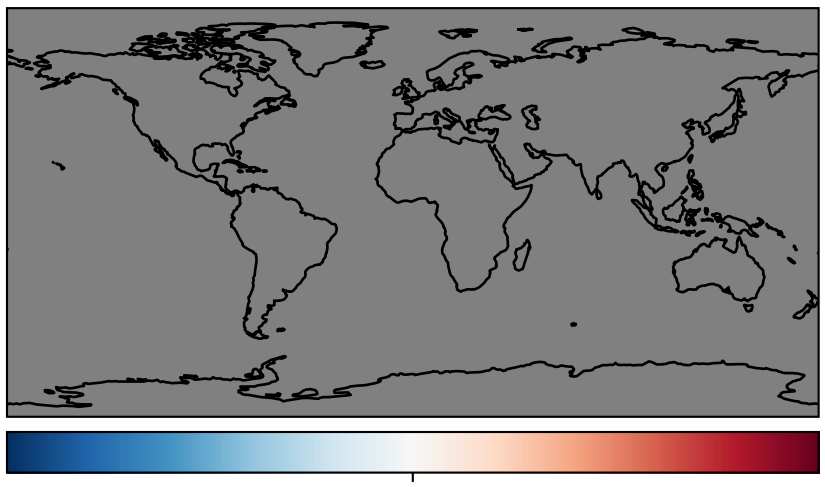
Zero throughout domain
kg/m2/s

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



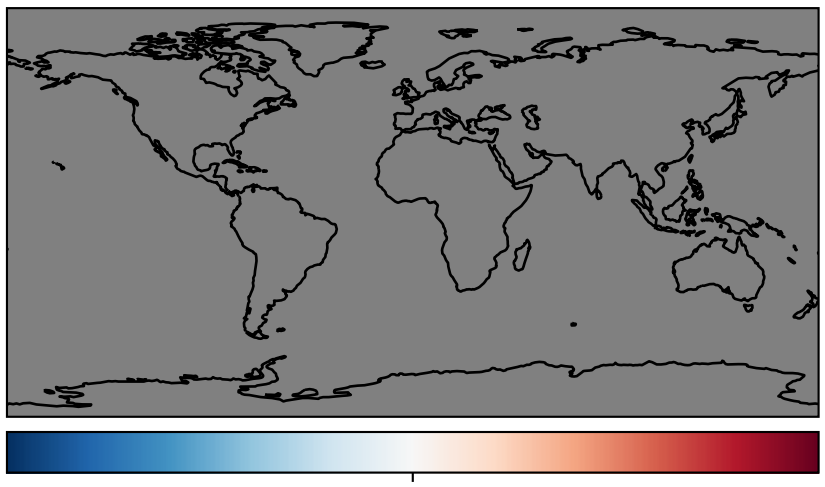
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

Ratio
Dev/Ref, Fixed Range



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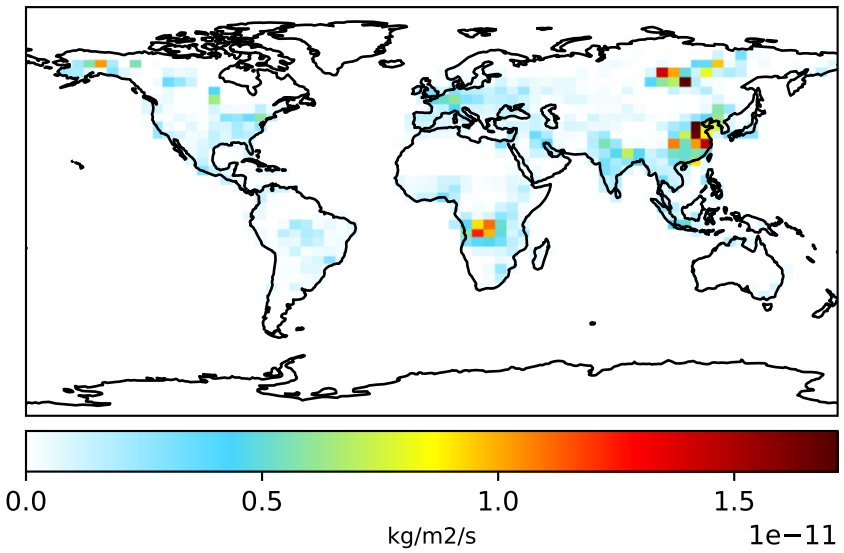
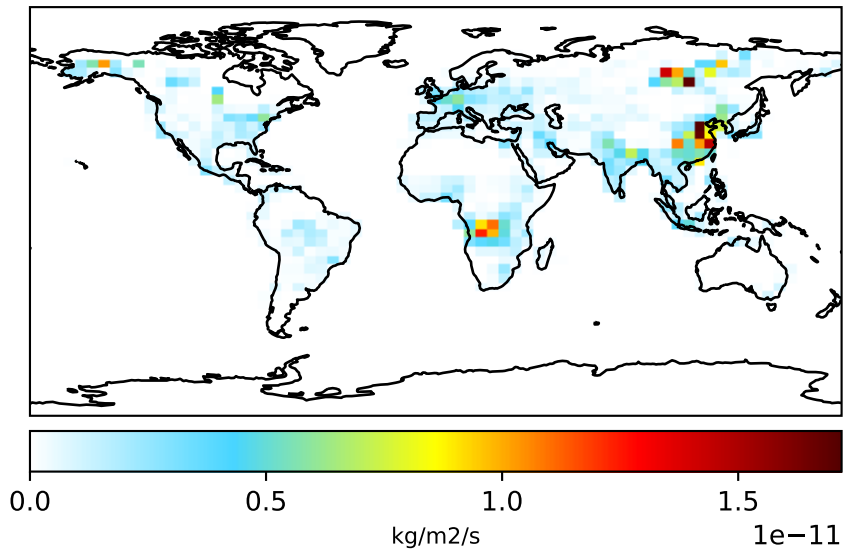
unitless

EmisMEK_Total

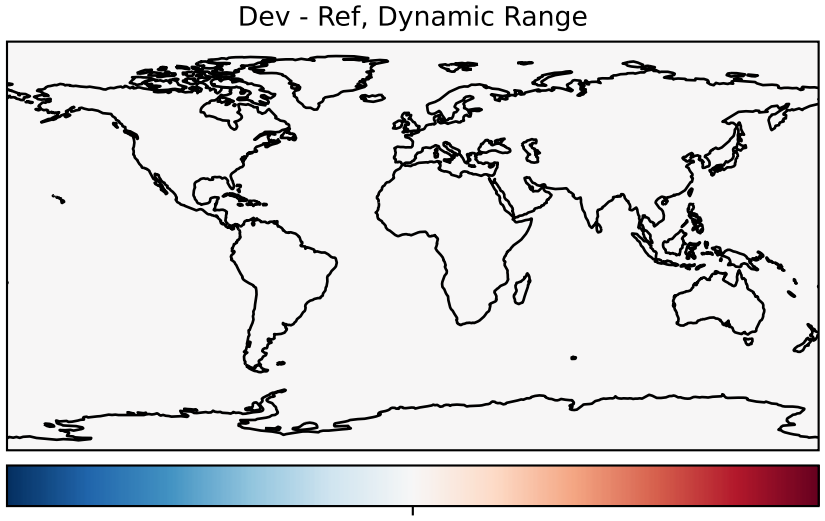
gcc-4x5-1Mon-14.6.0-alpha.8 (Ref)
4.0x5.0



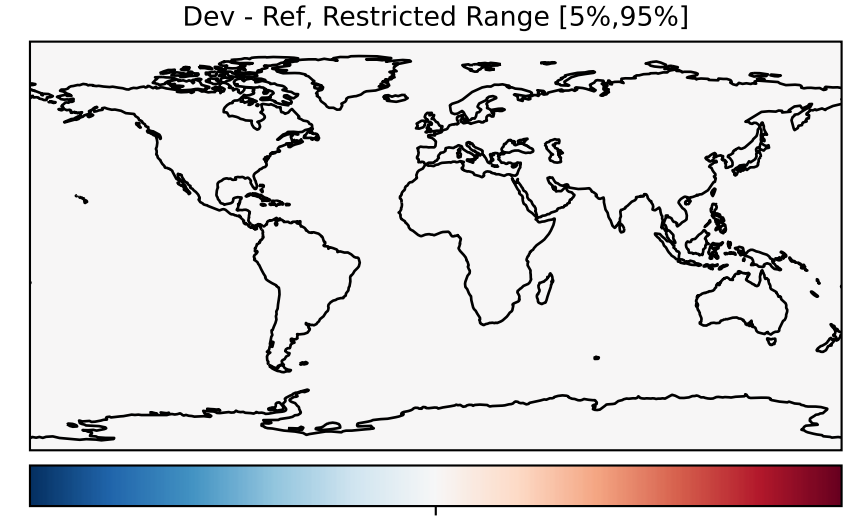
gcc-4x5-1Mon-14.6.0-alpha.15 (Dev)
4.0x5.0



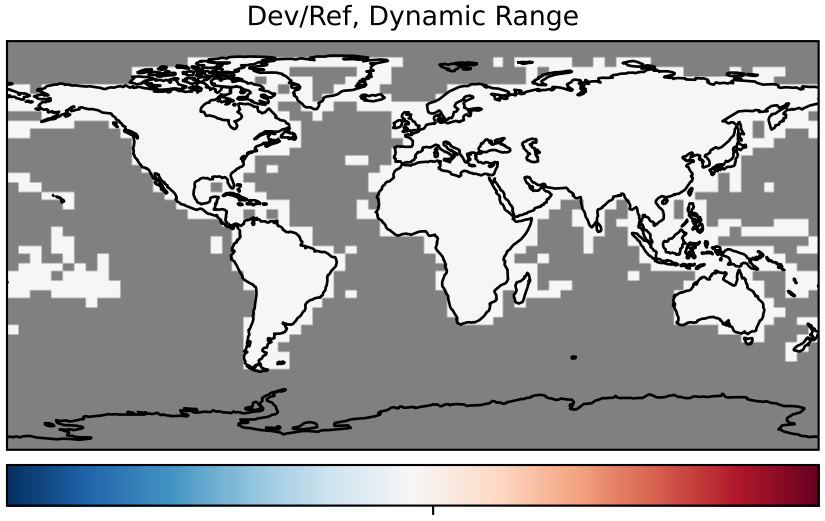
Difference
Dev - Ref, Dynamic Range



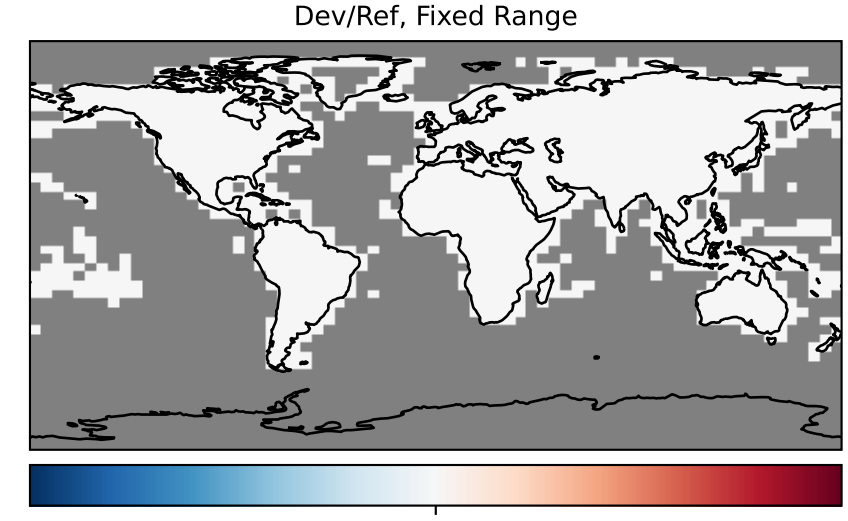
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

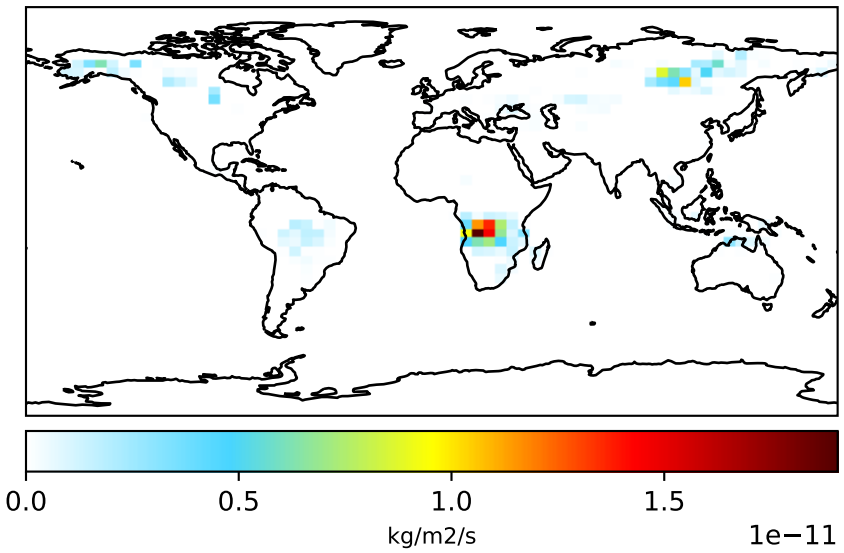


Ratio
Dev/Ref, Fixed Range

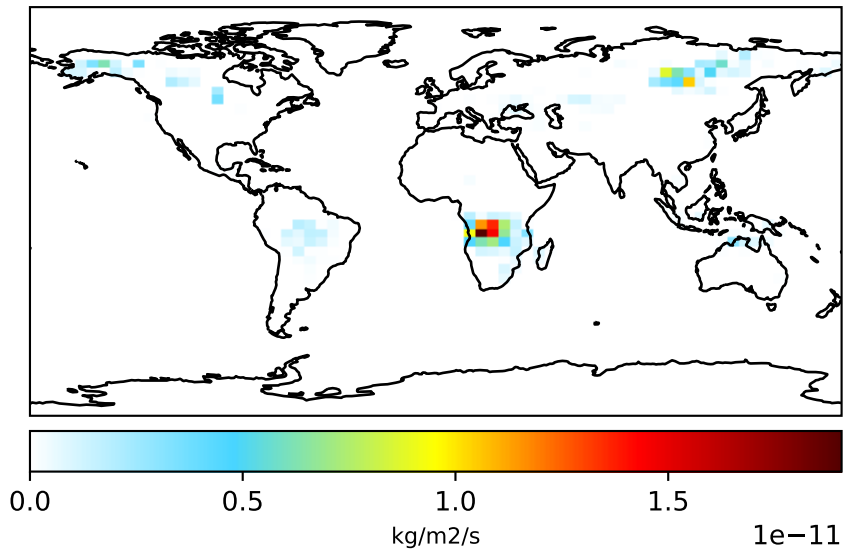


EmisMVK_BioBurn

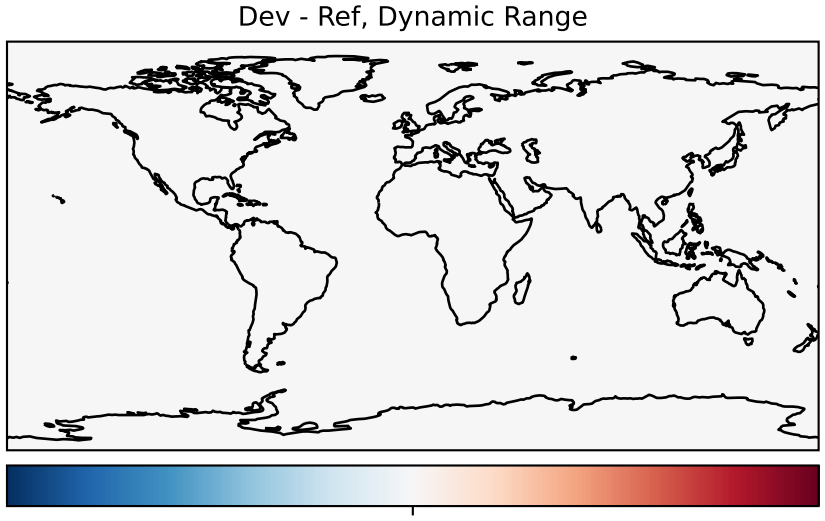
gcc-4x5-1Mon-14.6.0-alpha.8 (Ref)
4.0x5.0



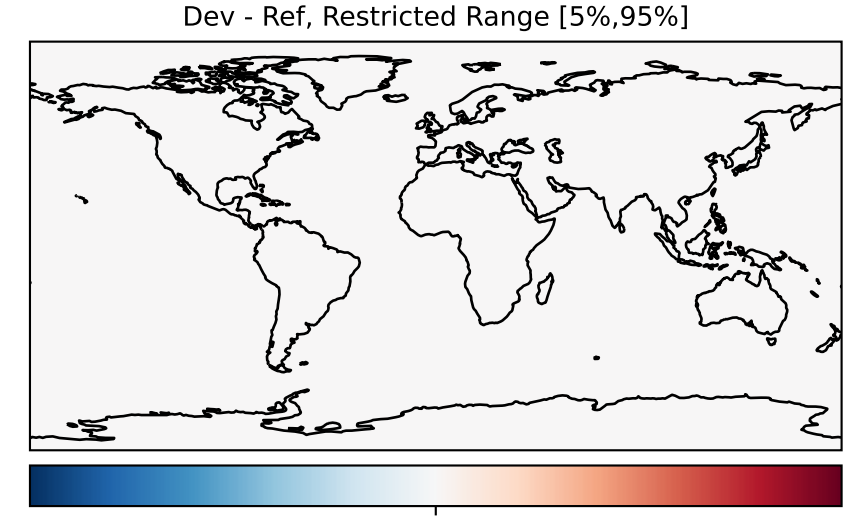
gcc-4x5-1Mon-14.6.0-alpha.15 (Dev)
4.0x5.0



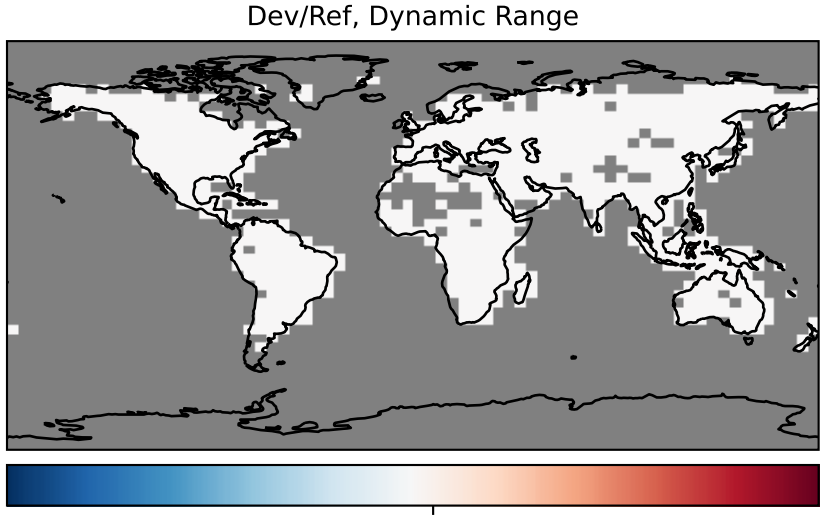
Difference
Dev - Ref, Dynamic Range



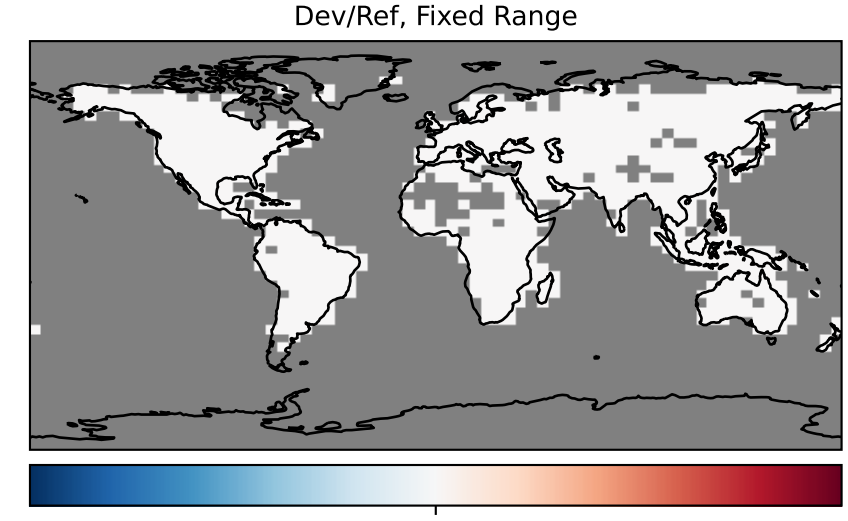
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

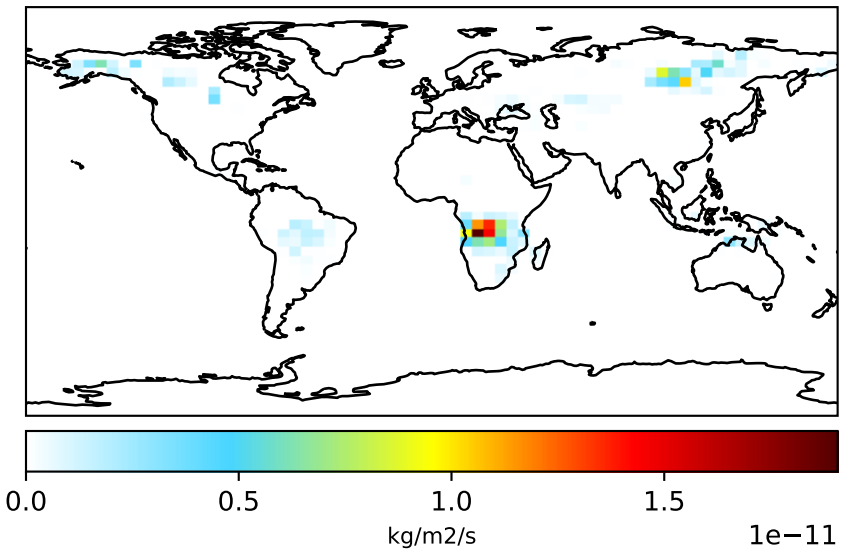


Ratio
Dev/Ref, Fixed Range

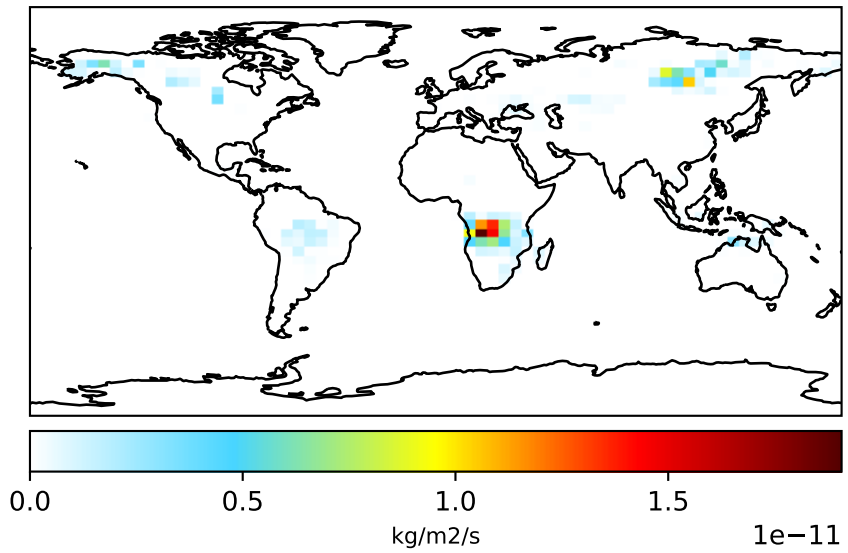


EmisMVK_Total

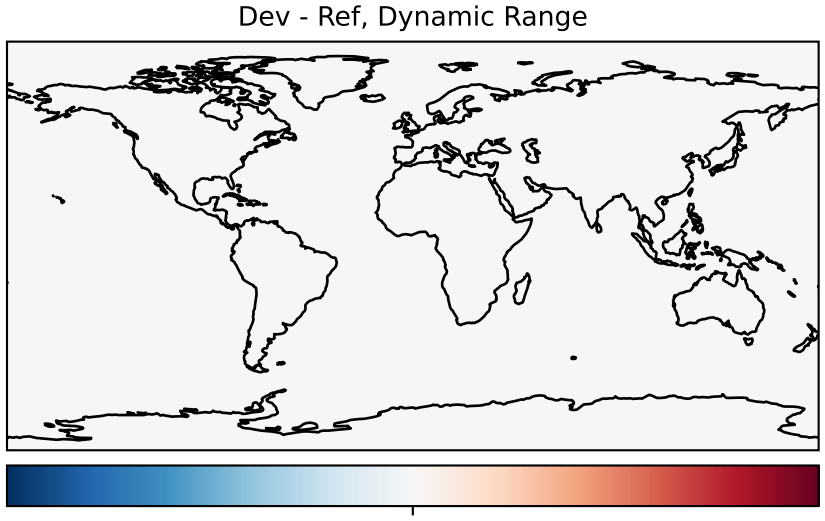
gcc-4x5-1Mon-14.6.0-alpha.8 (Ref)
4.0x5.0



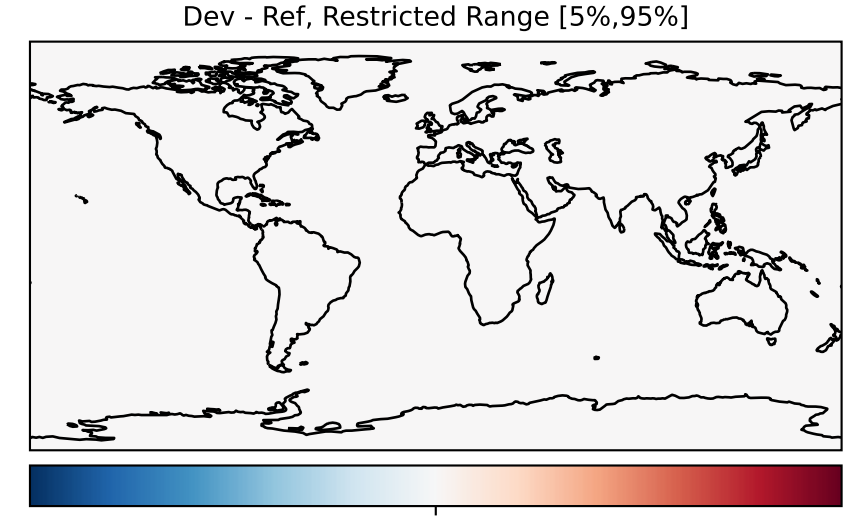
gcc-4x5-1Mon-14.6.0-alpha.15 (Dev)
4.0x5.0



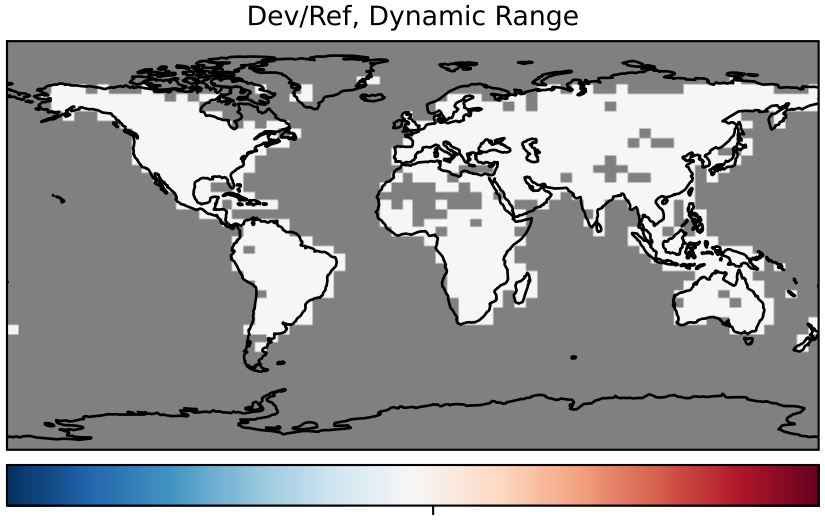
Difference
Dev - Ref, Dynamic Range



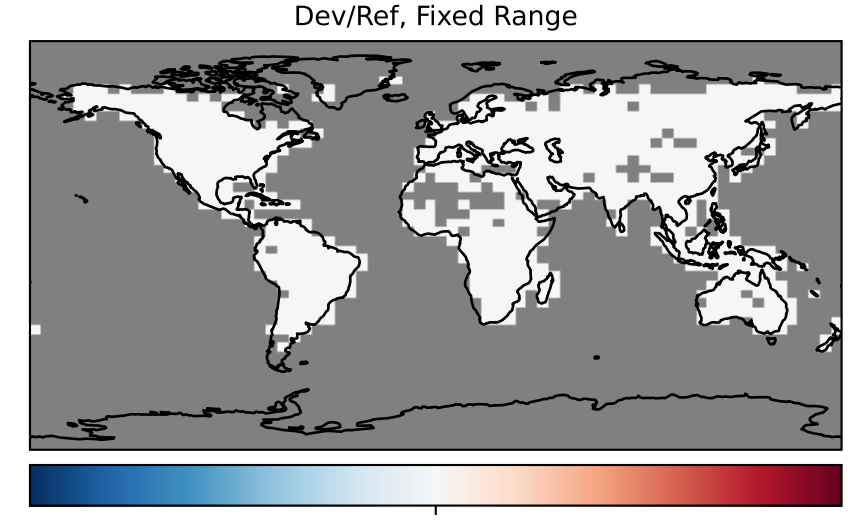
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

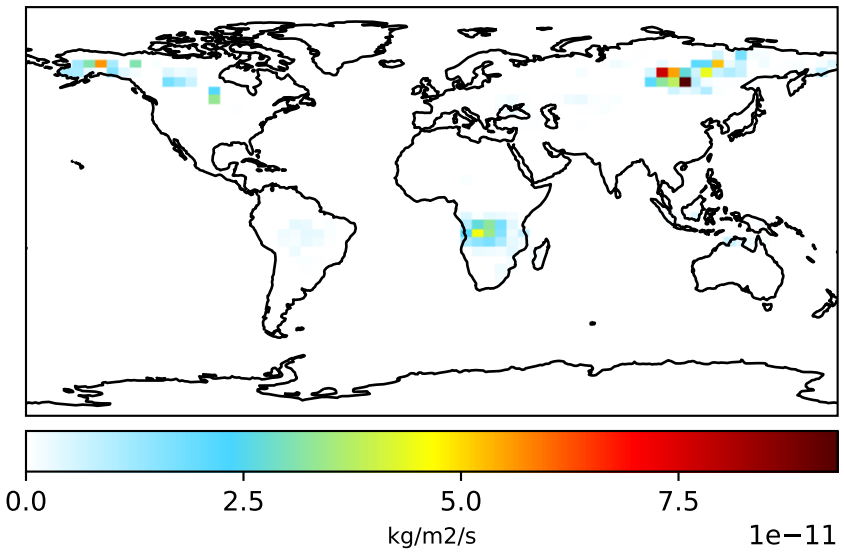


Ratio
Dev/Ref, Fixed Range

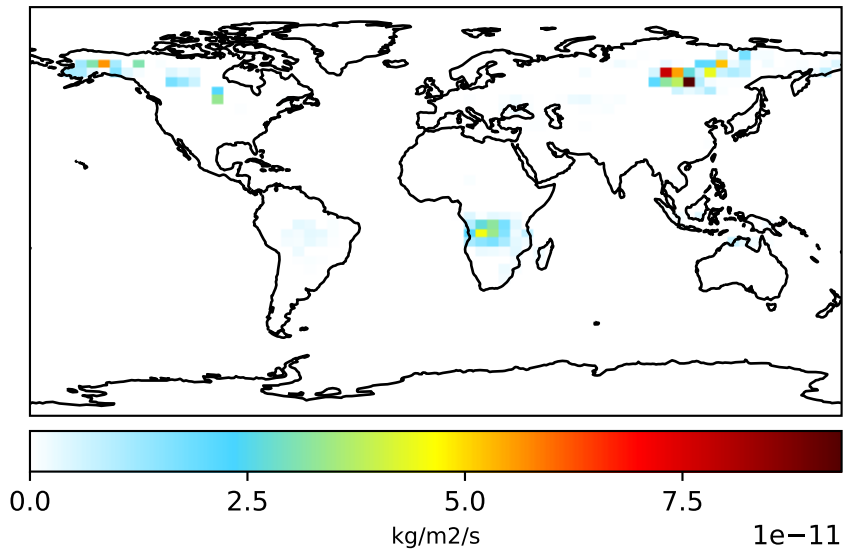


EmisFURA_BioBurn

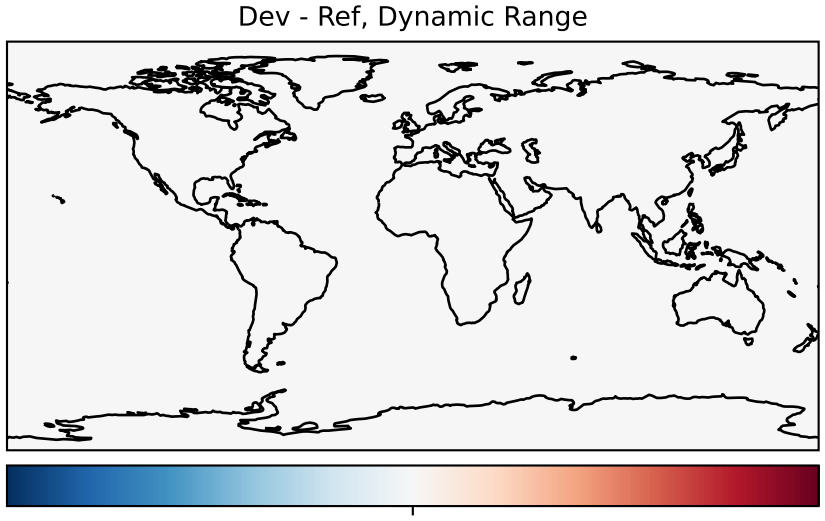
gcc-4x5-1Mon-14.6.0-alpha.8 (Ref)
4.0x5.0



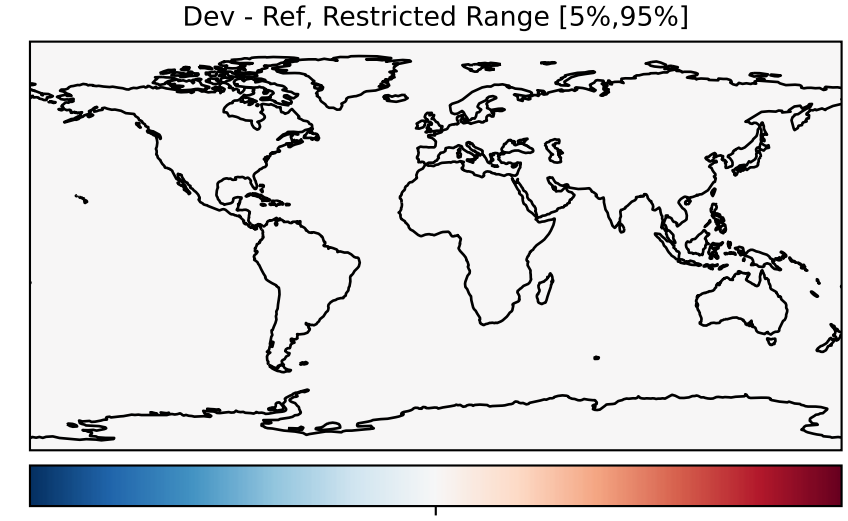
gcc-4x5-1Mon-14.6.0-alpha.15 (Dev)
4.0x5.0



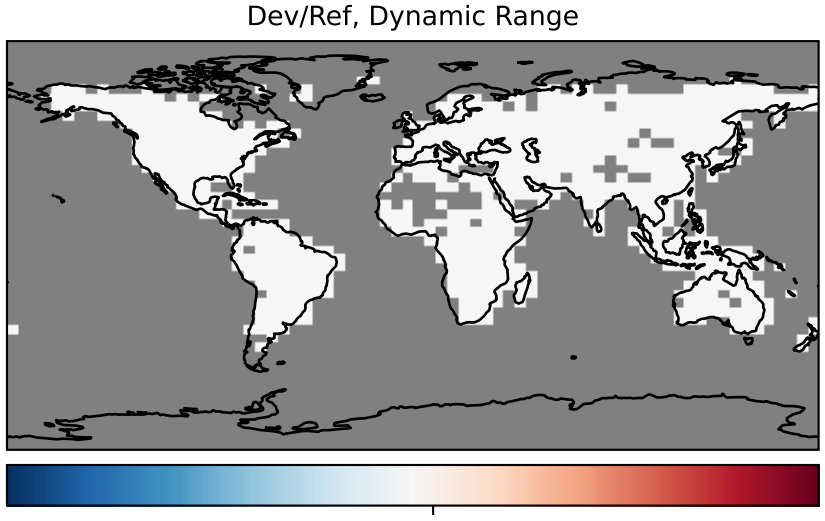
Difference
Dev - Ref, Dynamic Range



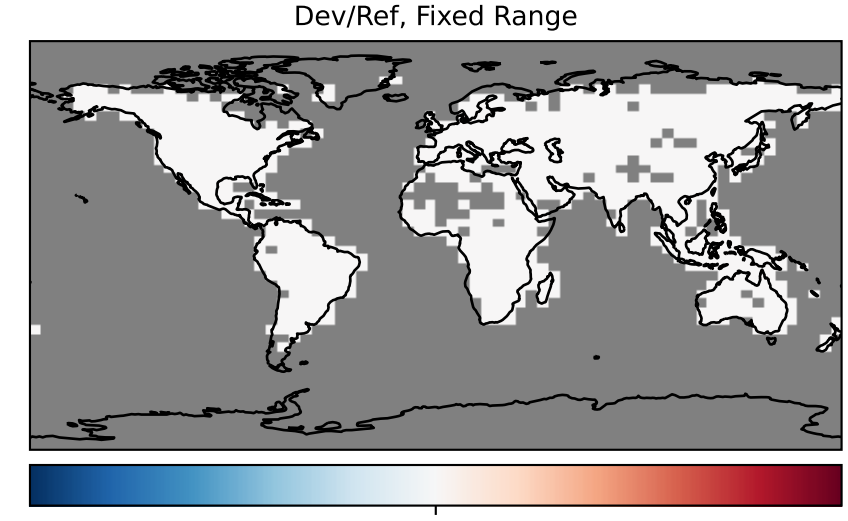
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

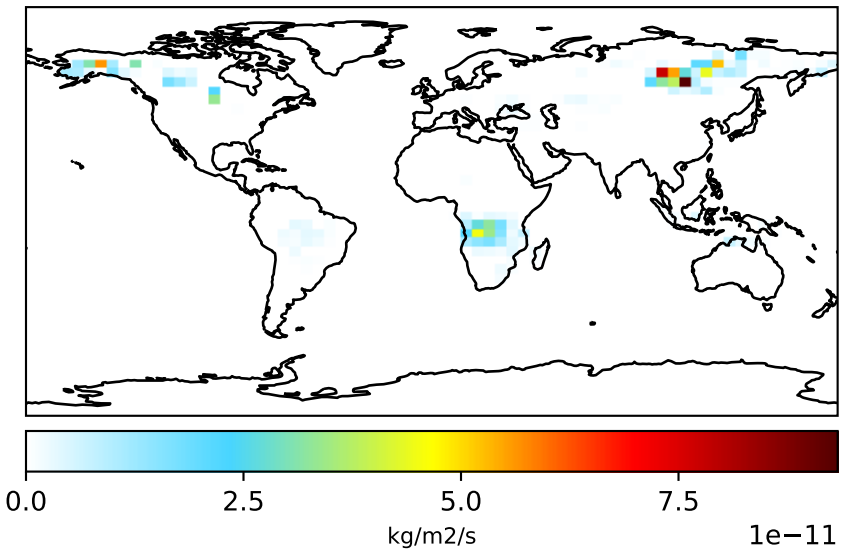


Ratio
Dev/Ref, Fixed Range

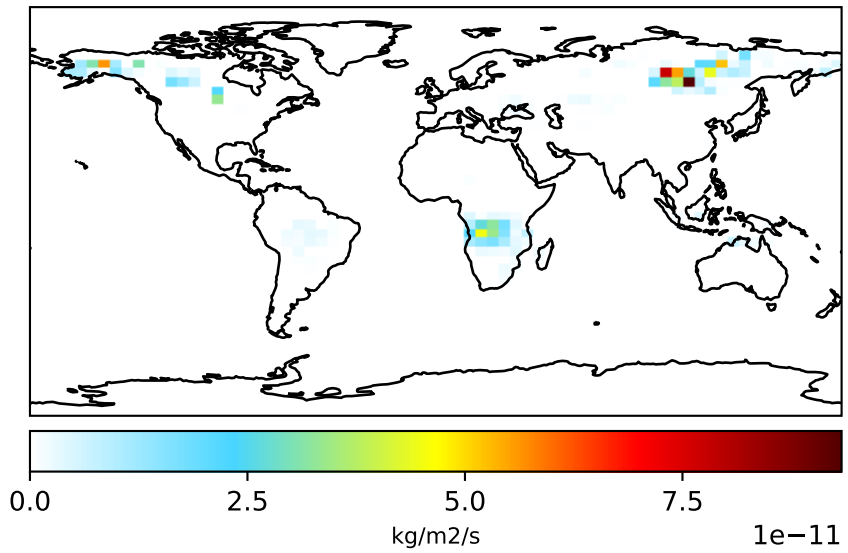


EmisFURA_Total

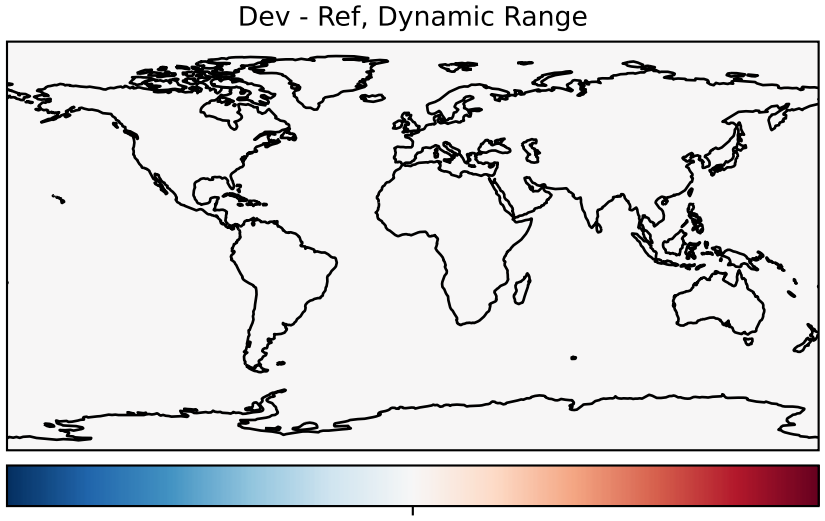
gcc-4x5-1Mon-14.6.0-alpha.8 (Ref)
4.0x5.0



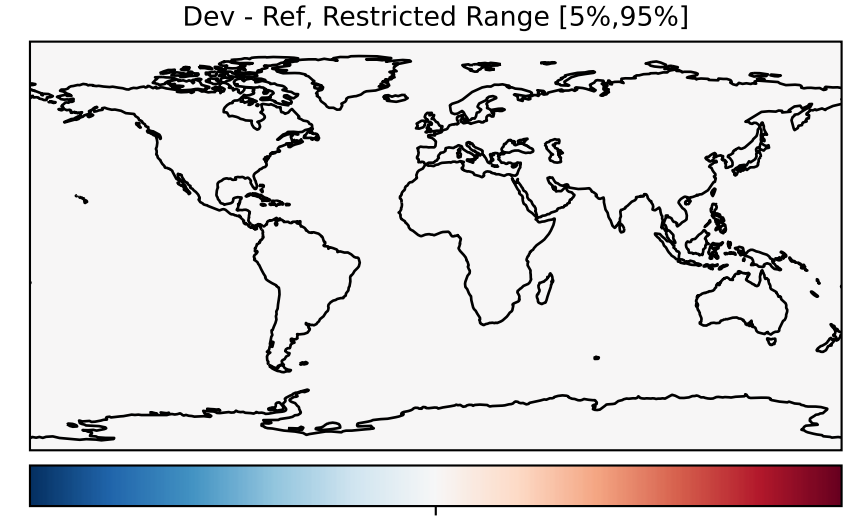
gcc-4x5-1Mon-14.6.0-alpha.15 (Dev)
4.0x5.0



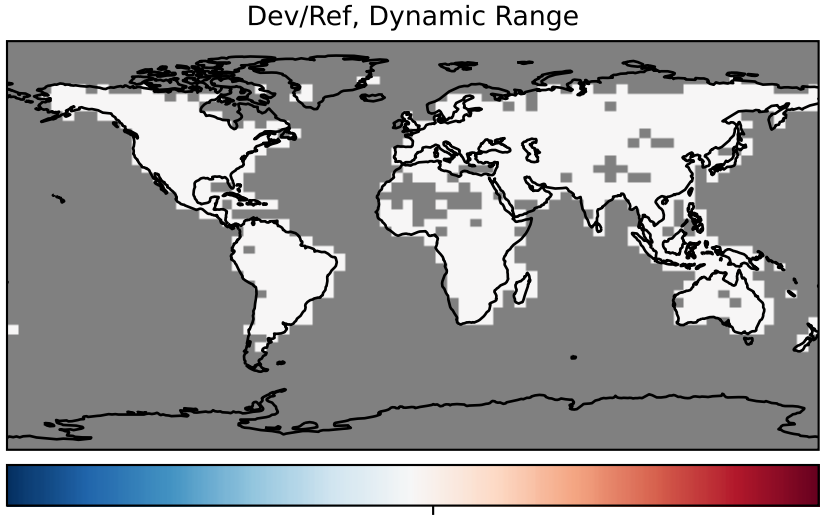
Difference
Dev - Ref, Dynamic Range



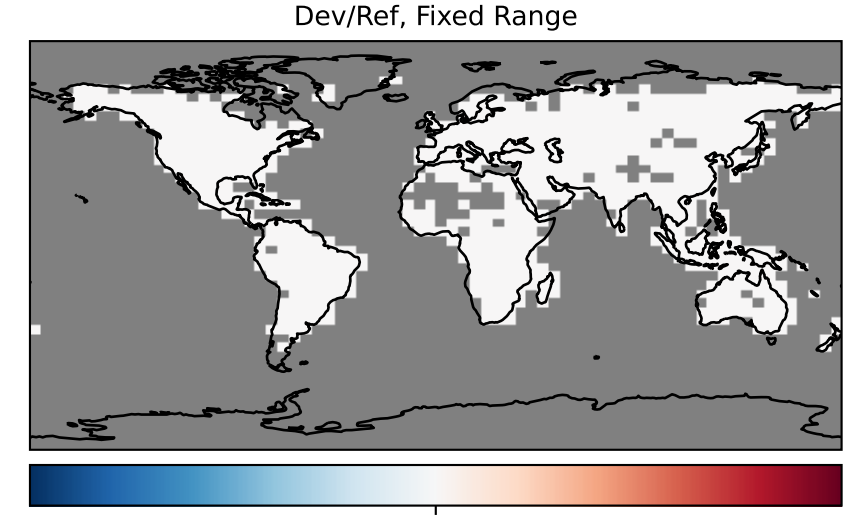
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

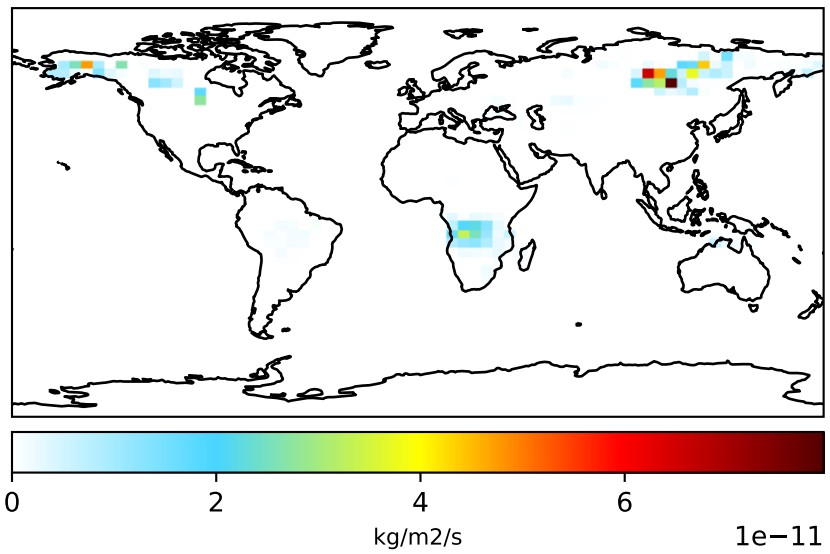


Ratio
Dev/Ref, Fixed Range

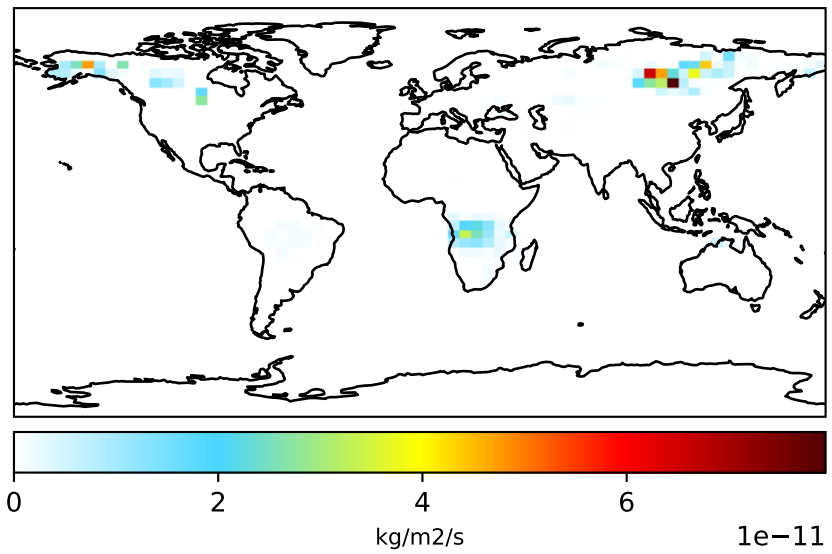


EmisPHEN_BioBurn

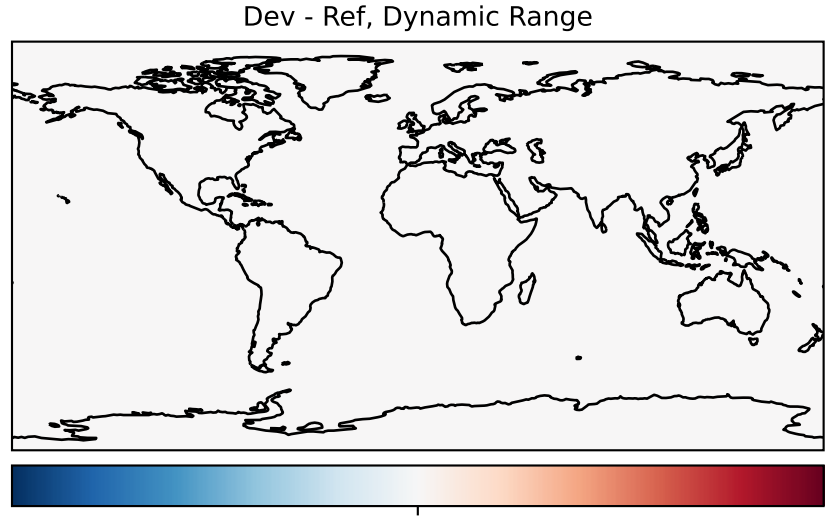
gcc-4x5-1Mon-14.6.0-alpha.8 (Ref)
4.0x5.0



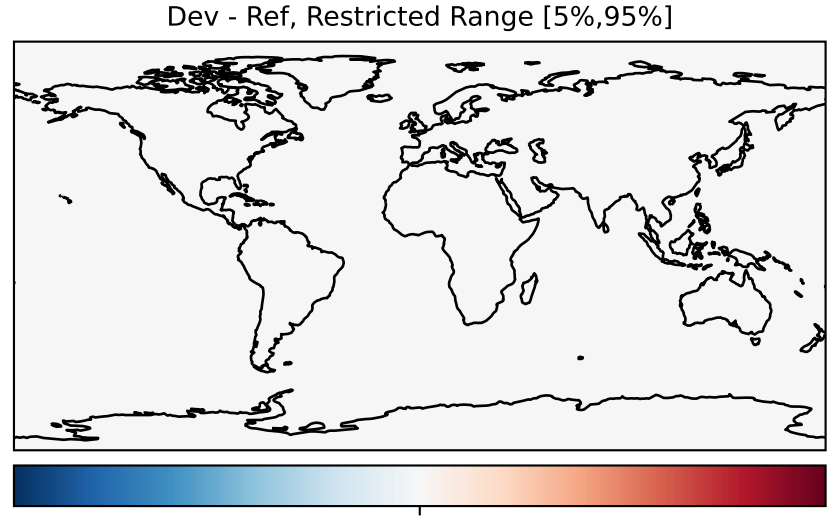
gcc-4x5-1Mon-14.6.0-alpha.15 (Dev)
4.0x5.0



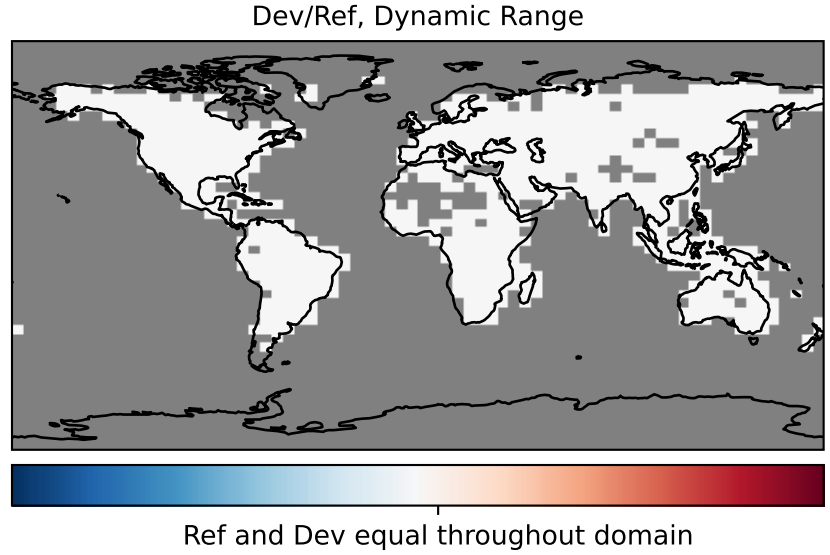
Difference
Dev - Ref, Dynamic Range



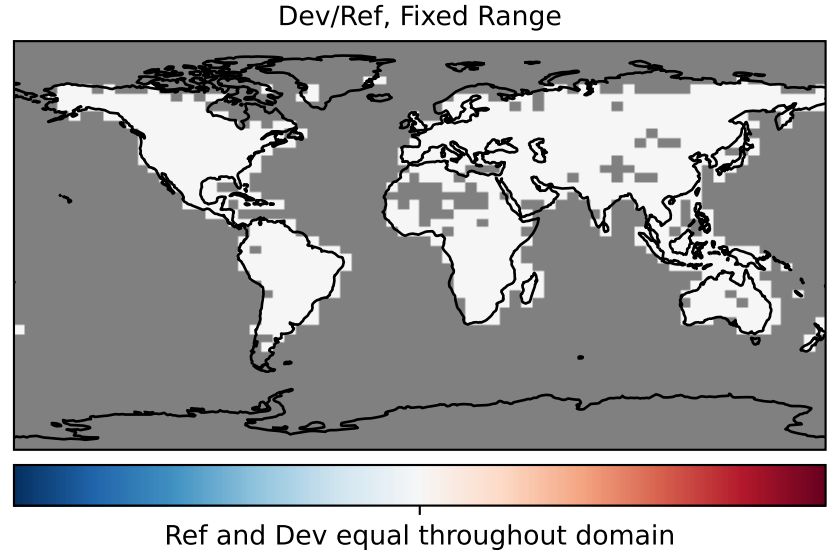
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

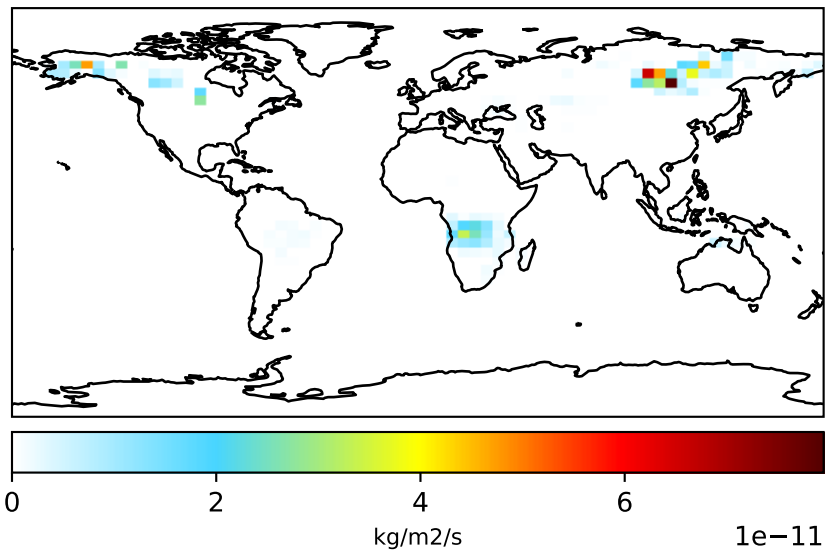


Ratio
Dev/Ref, Fixed Range

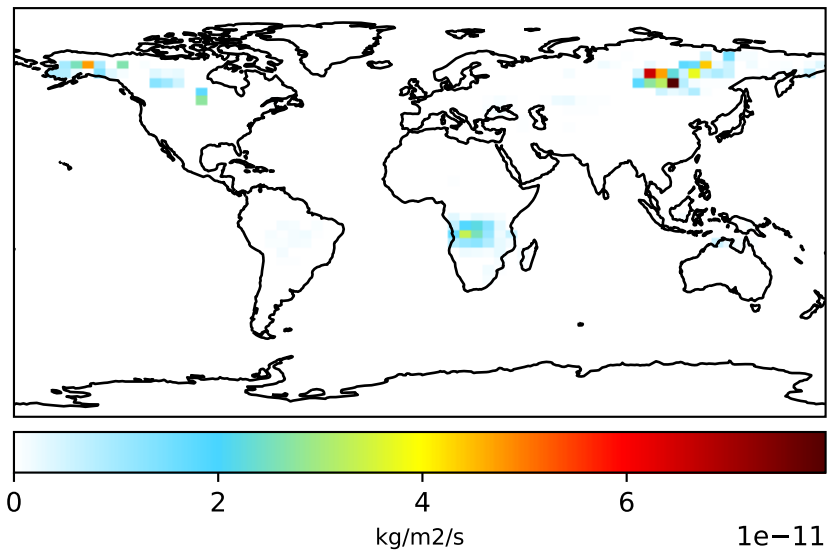


EmisPHEN_Total

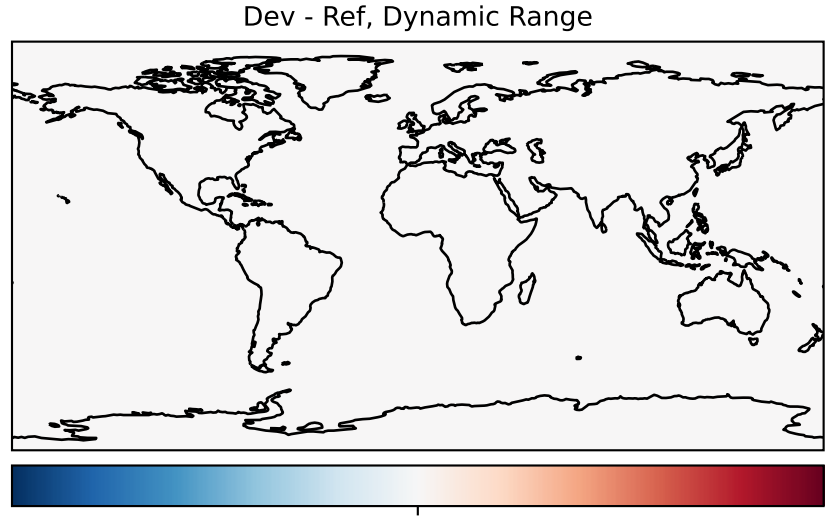
gcc-4x5-1Mon-14.6.0-alpha.8 (Ref)
4.0x5.0



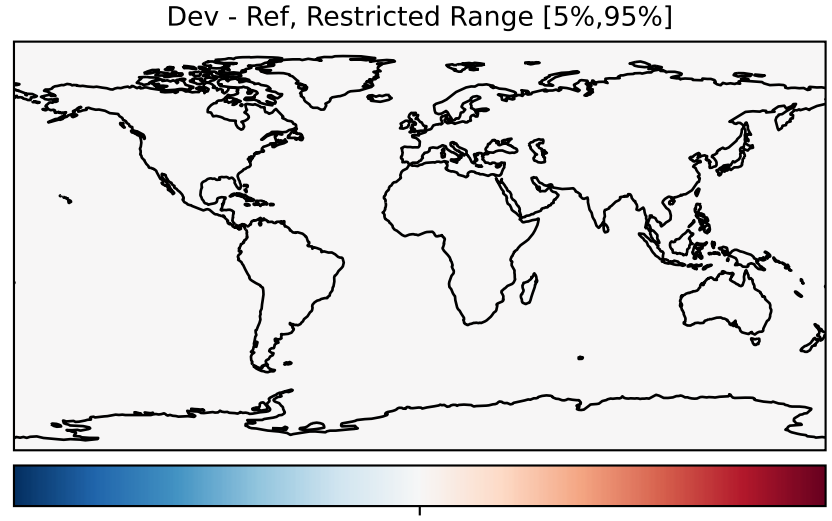
gcc-4x5-1Mon-14.6.0-alpha.15 (Dev)
4.0x5.0



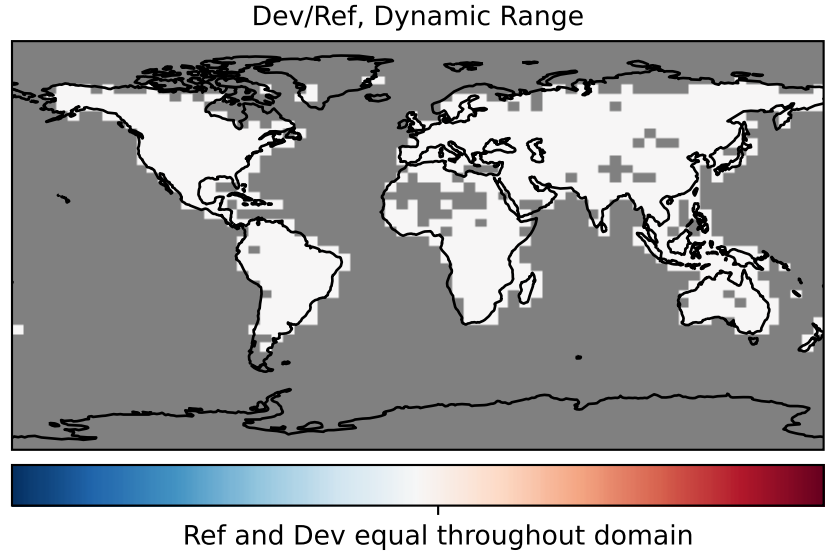
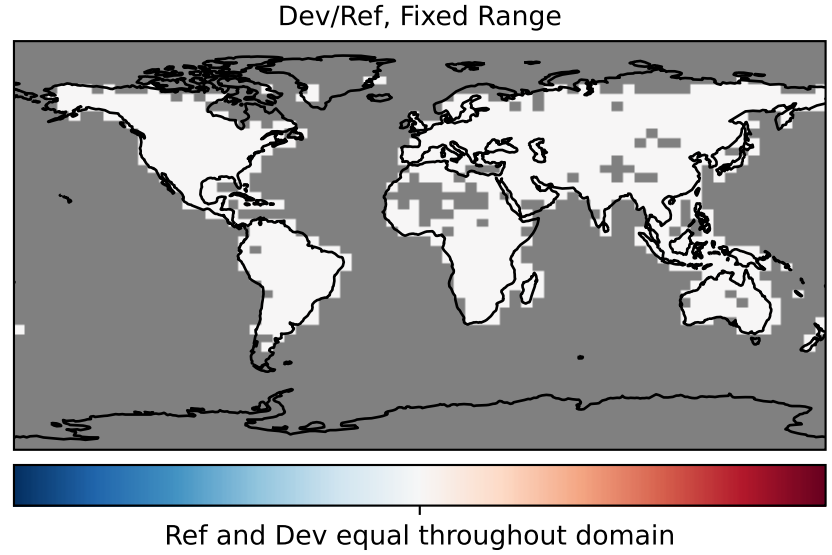
Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range