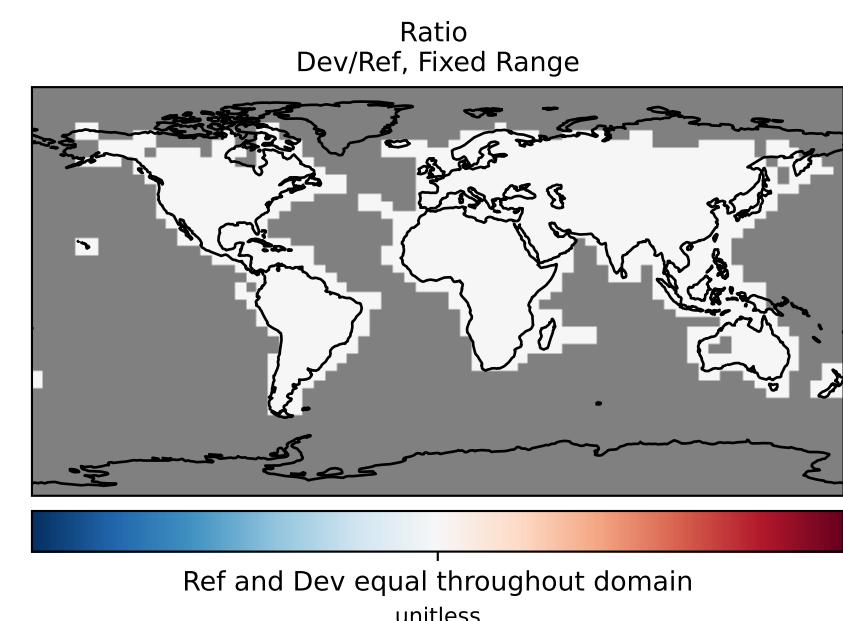
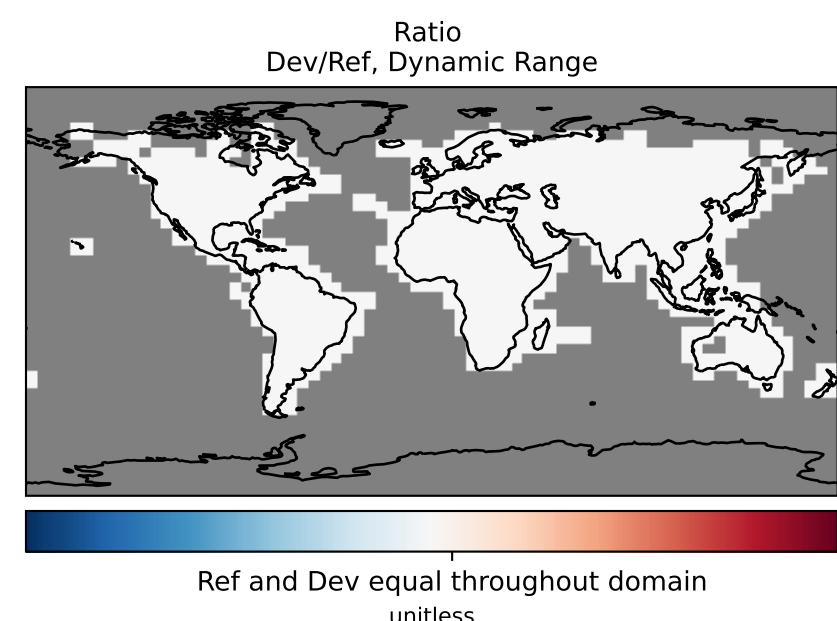
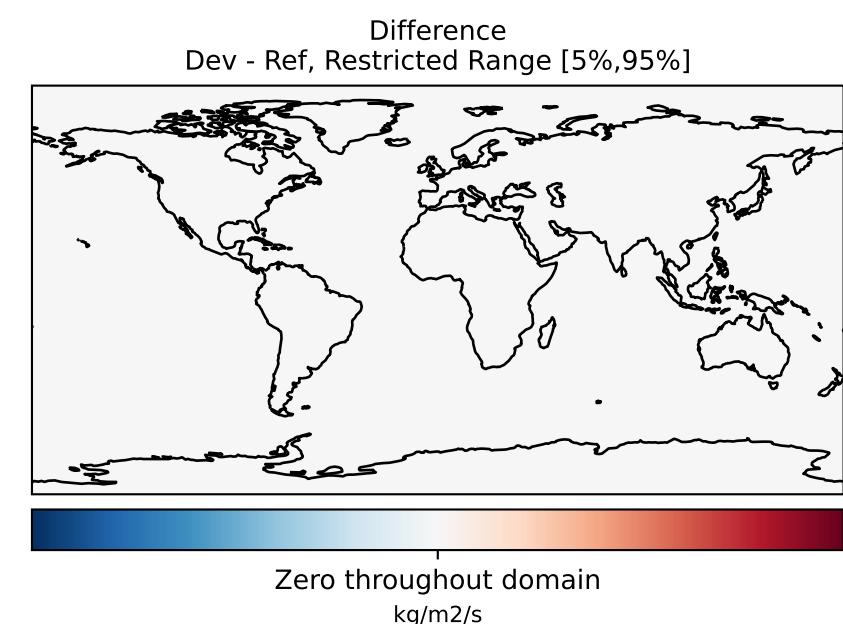
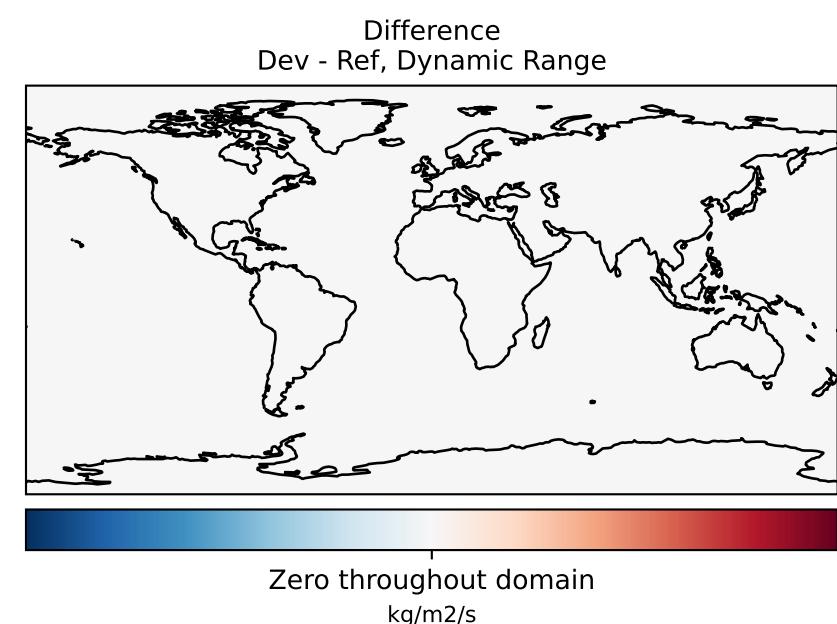
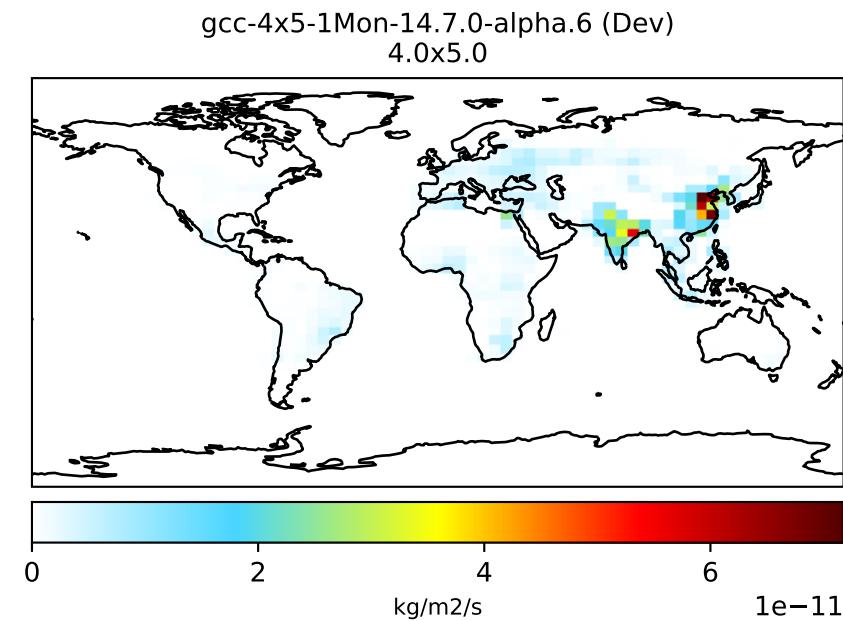
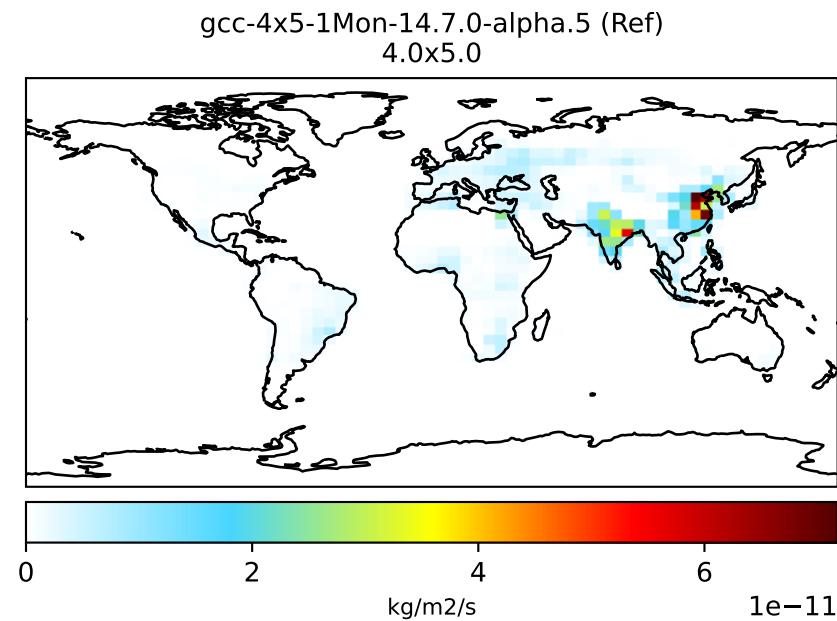
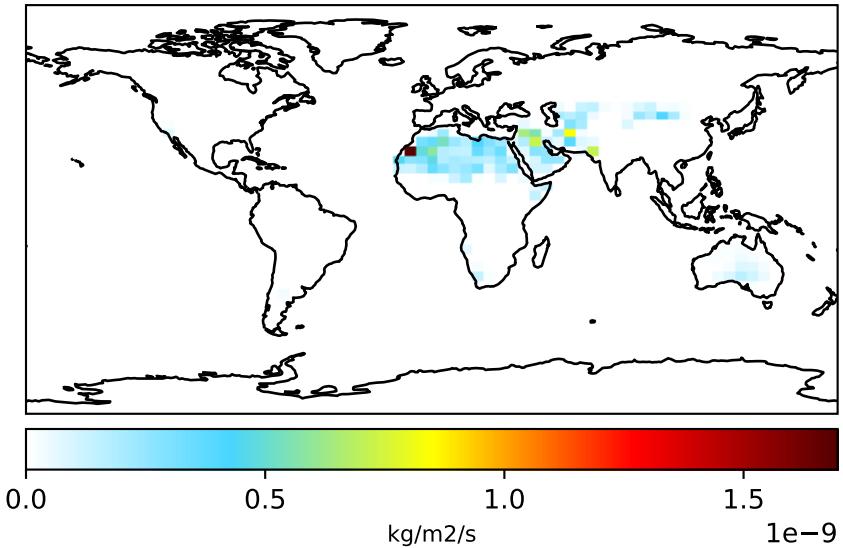


EmisDST1_Anthro

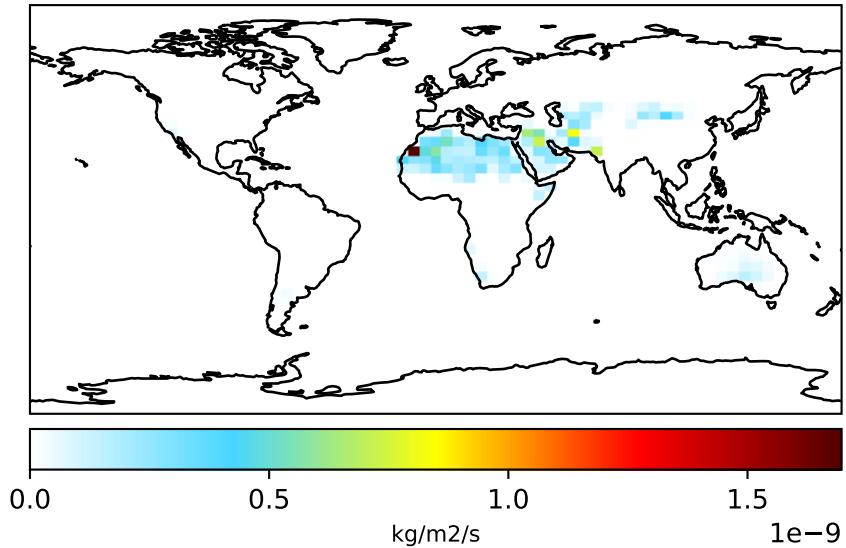


EmisDST1_Natural

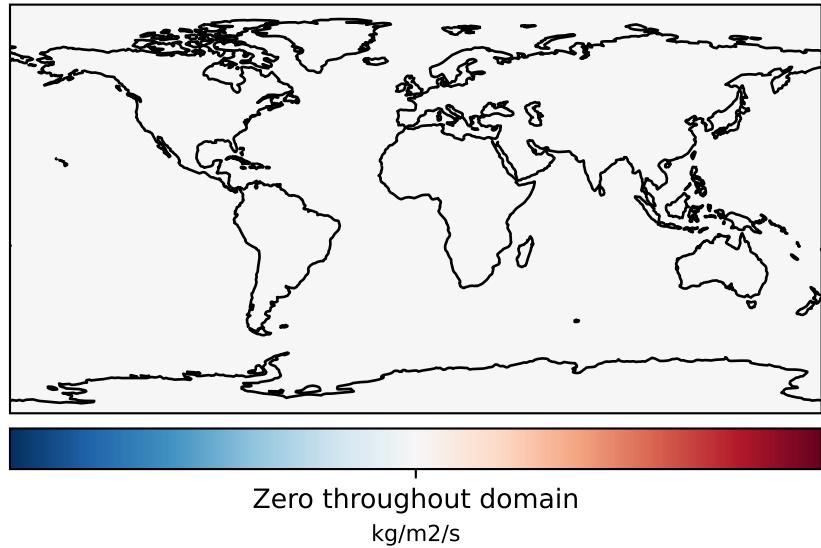
gcc-4x5-1Mon-14.7.0-alpha.5 (Ref)
4.0x5.0



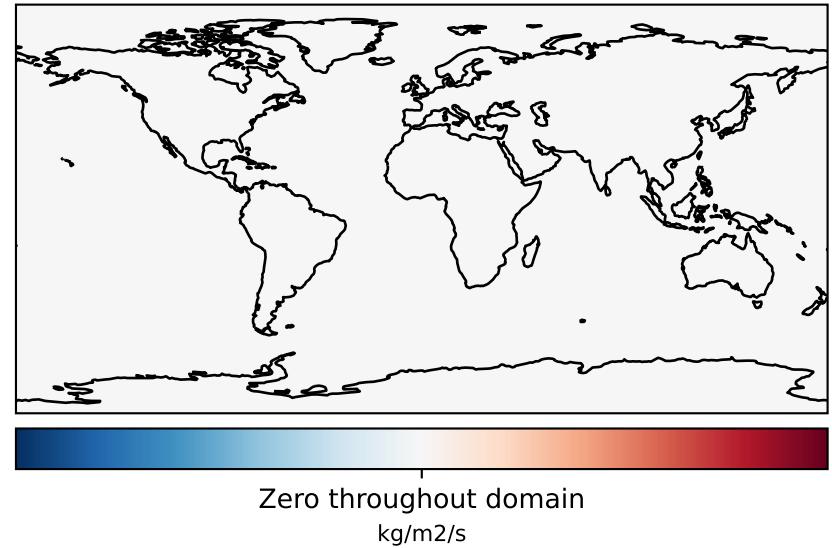
gcc-4x5-1Mon-14.7.0-alpha.6 (Dev)
4.0x5.0



Difference
Dev - Ref, Dynamic Range



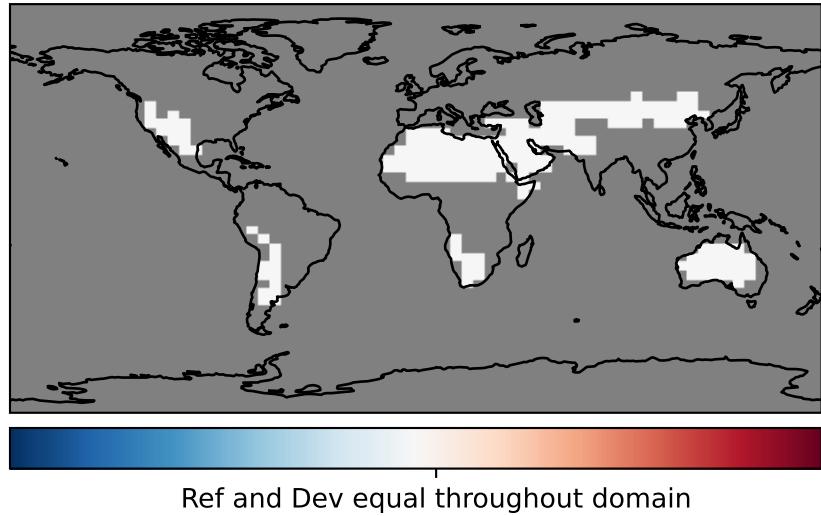
Difference
Dev - Ref, Restricted Range [5%, 95%]



Zero throughout domain
kg/m²/s

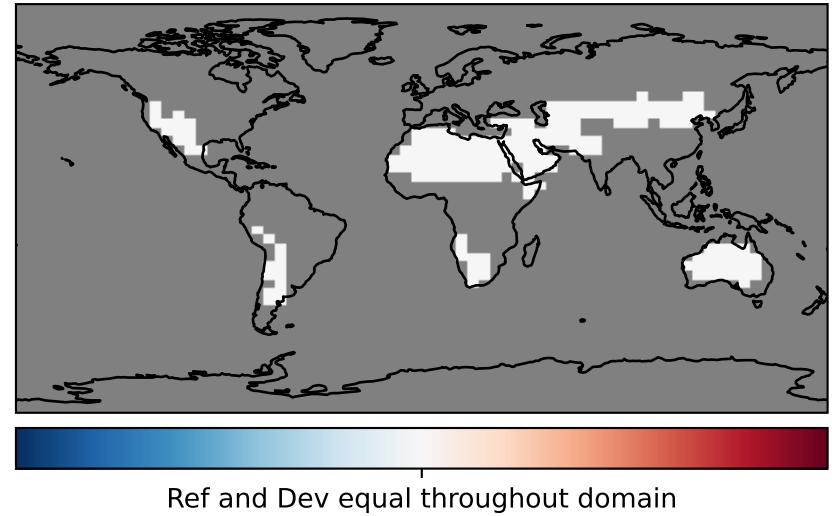
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



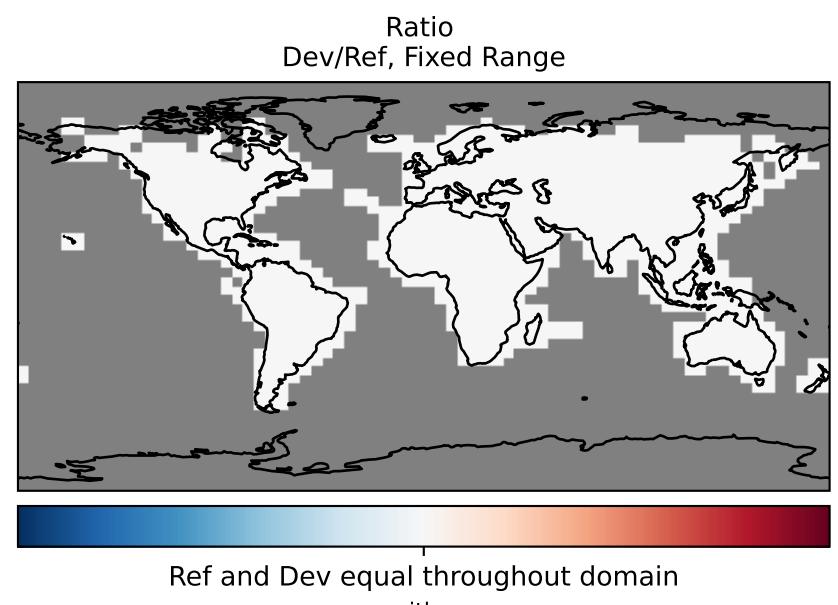
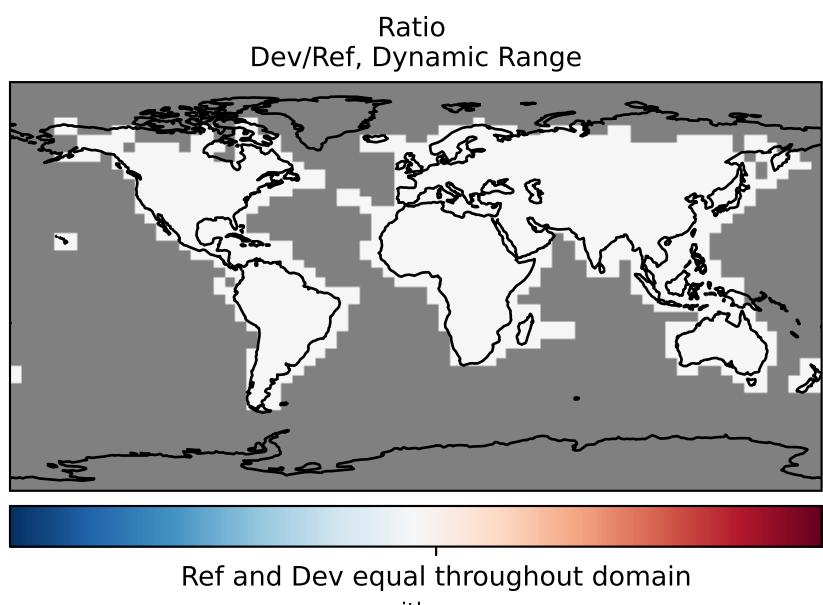
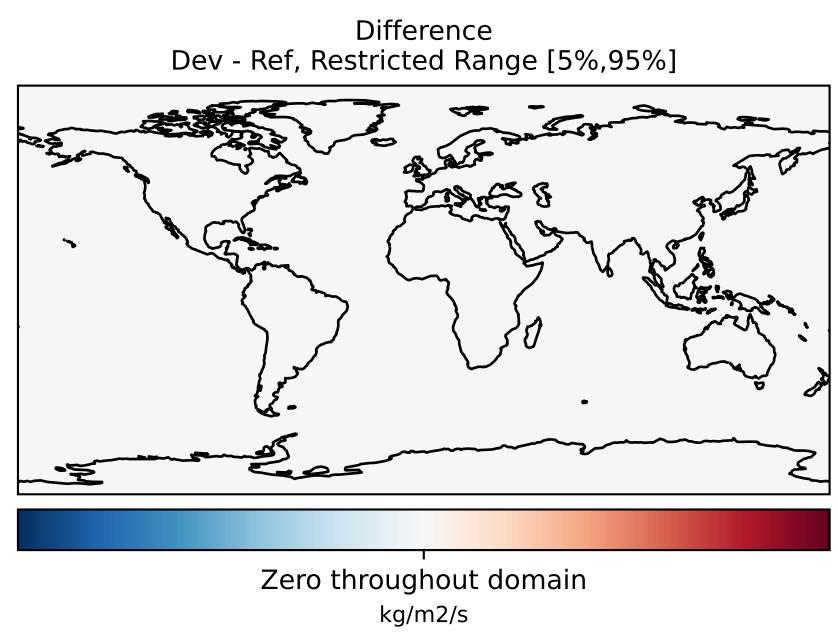
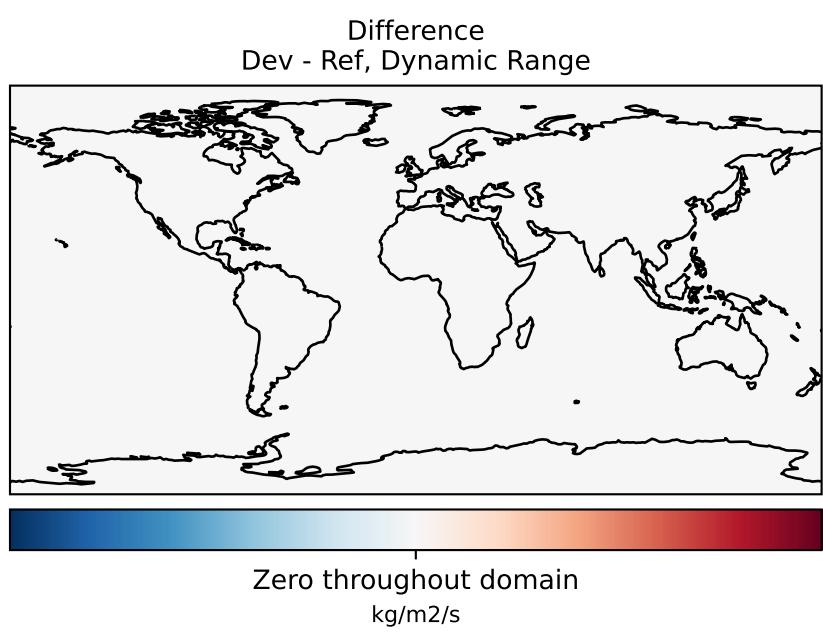
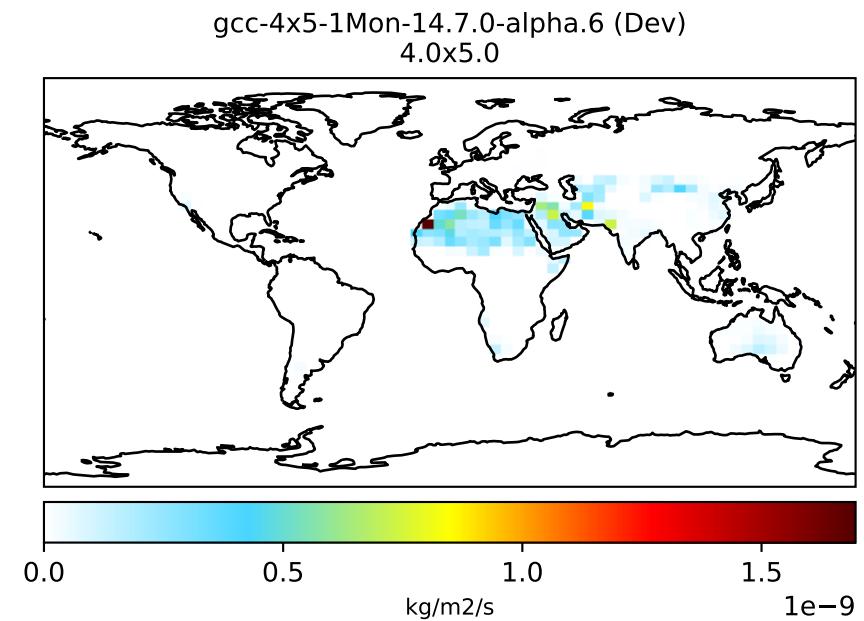
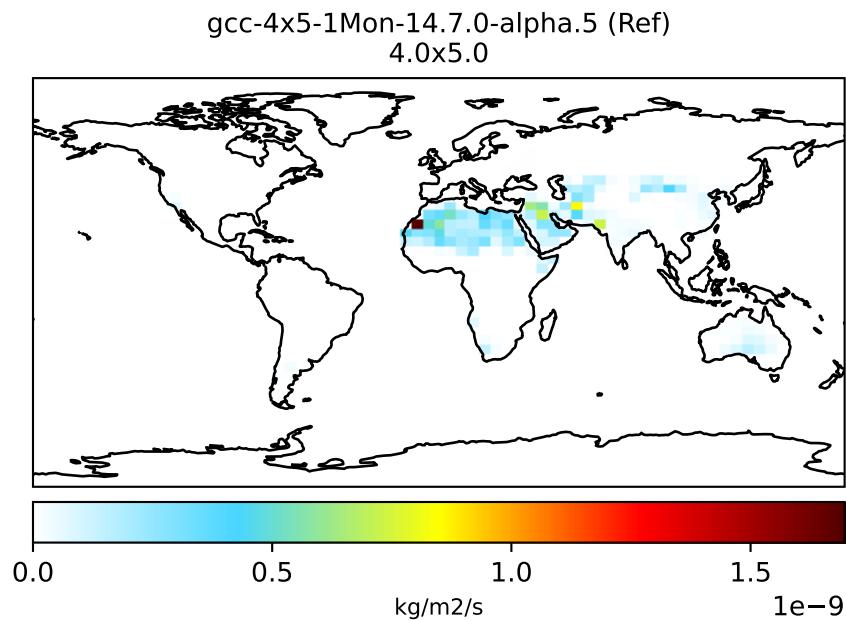
Ref and Dev equal throughout domain
unitless

Ratio
Dev/Ref, Fixed Range



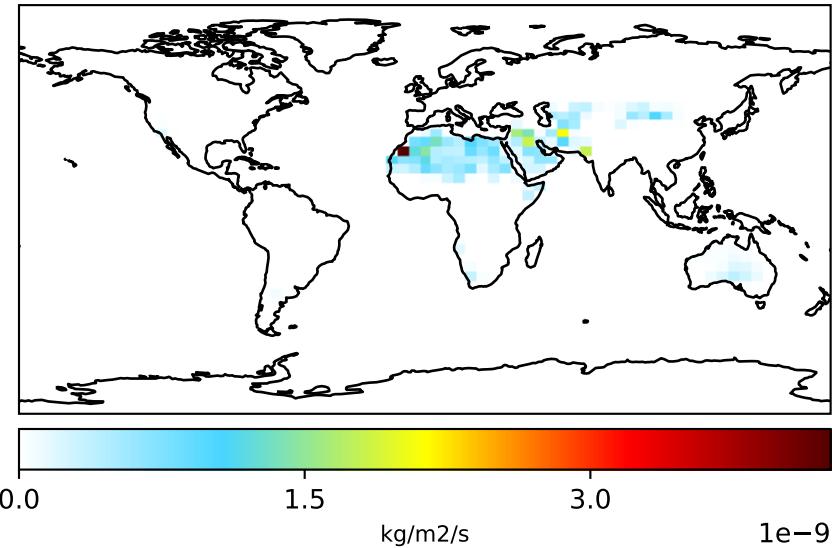
Ref and Dev equal throughout domain
unitless

EmisDST1_Total

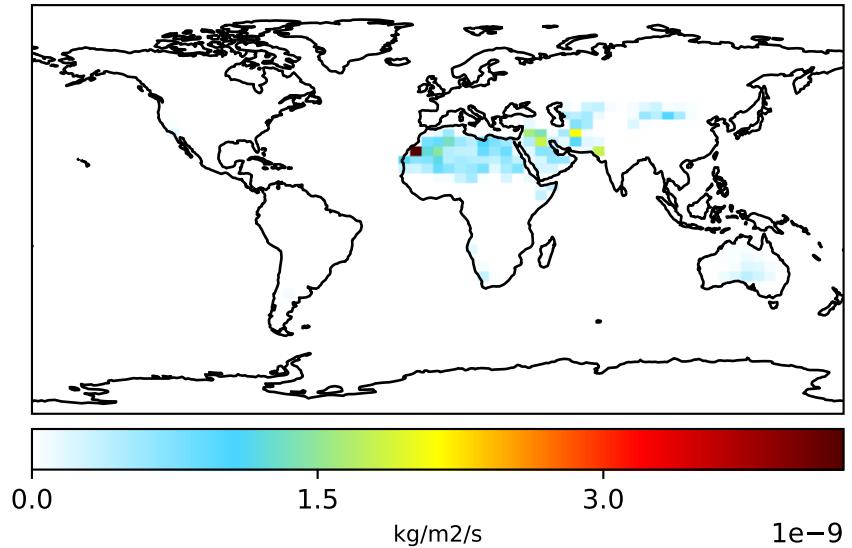


EmisDST2_Natural

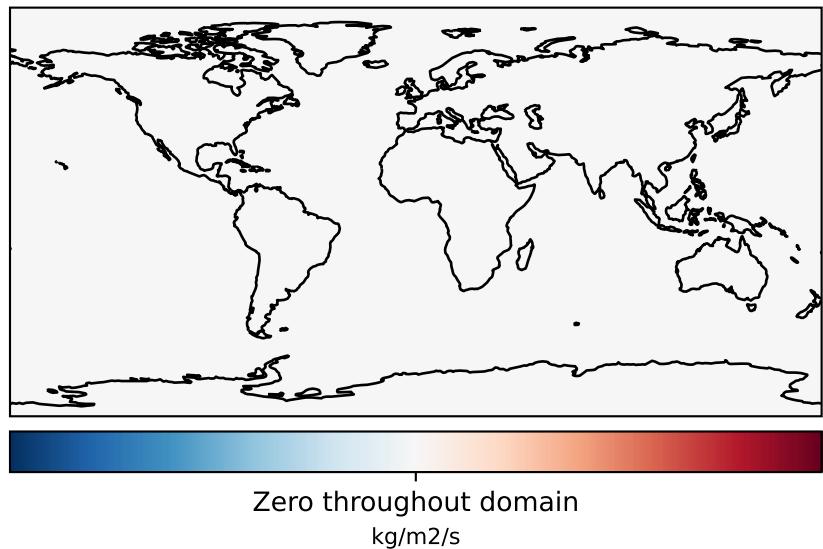
gcc-4x5-1Mon-14.7.0-alpha.5 (Ref)
4.0x5.0



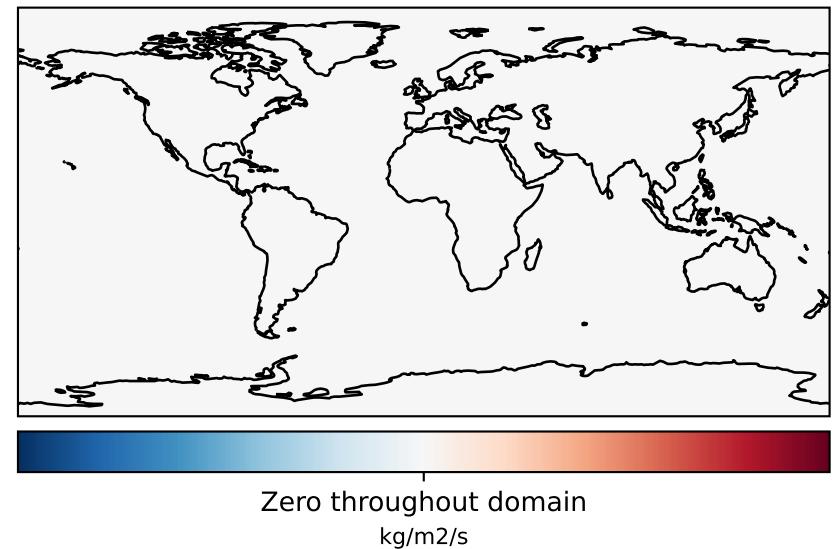
gcc-4x5-1Mon-14.7.0-alpha.6 (Dev)
4.0x5.0



Difference
Dev - Ref, Dynamic Range



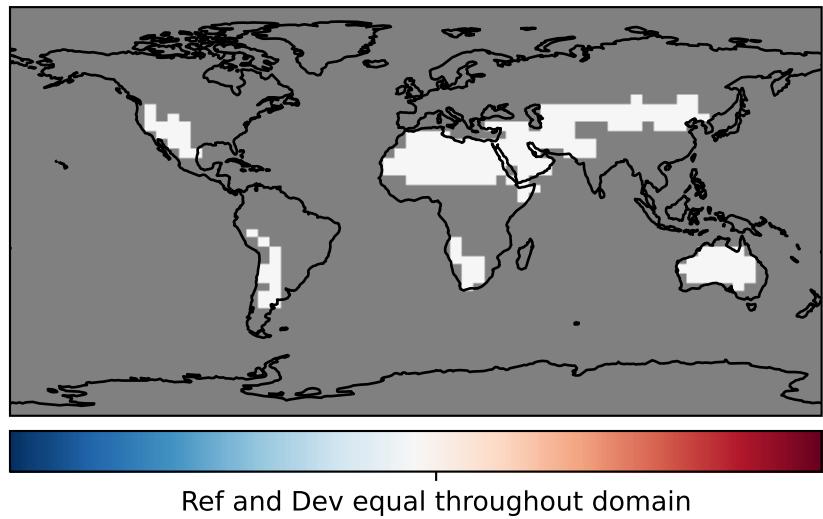
Difference
Dev - Ref, Restricted Range [5%, 95%]



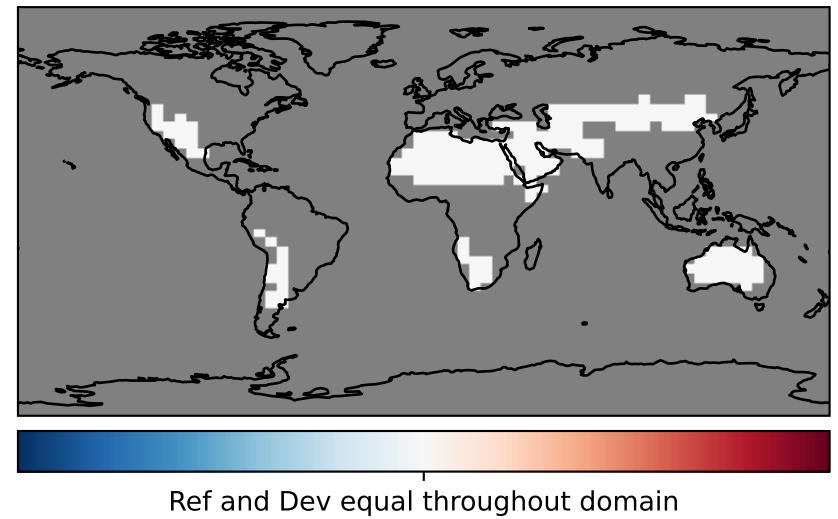
Zero throughout domain
kg/m²/s

Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



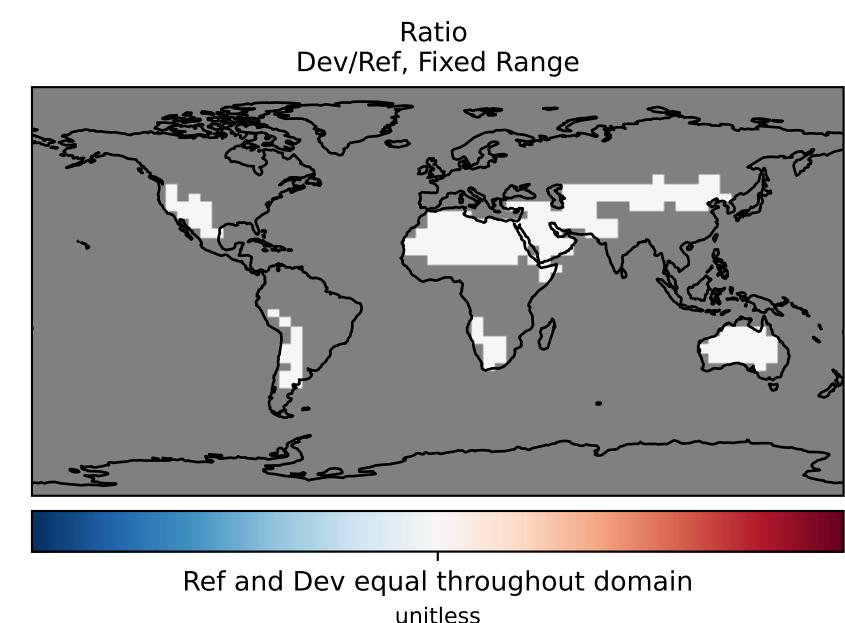
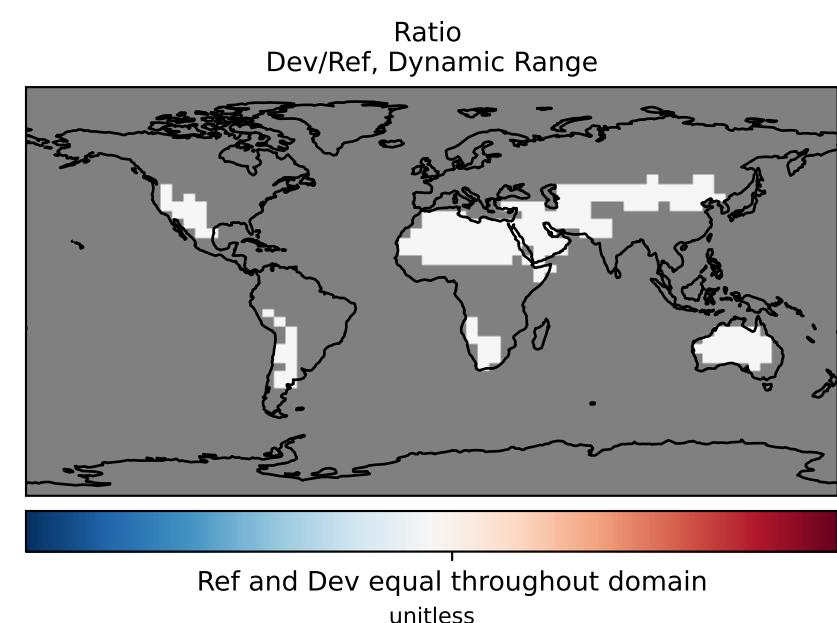
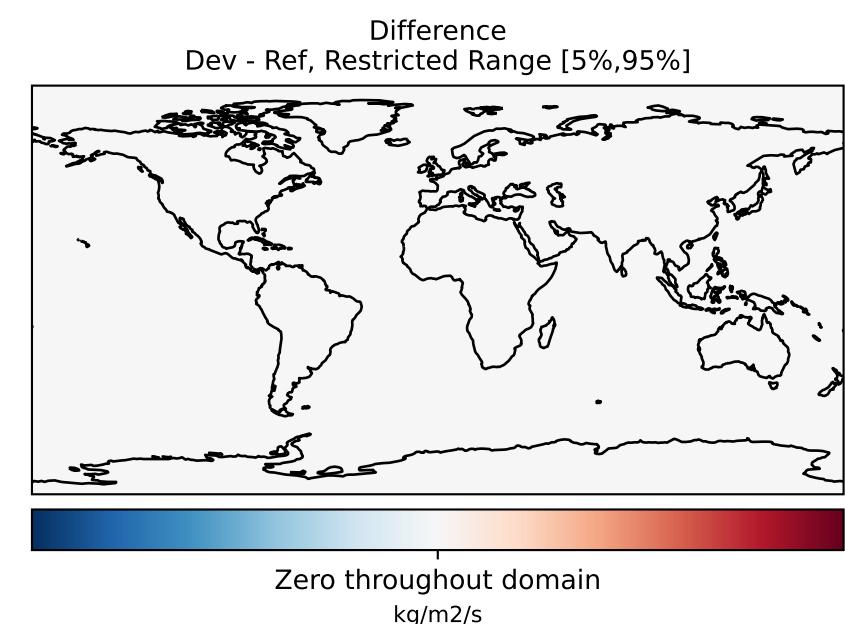
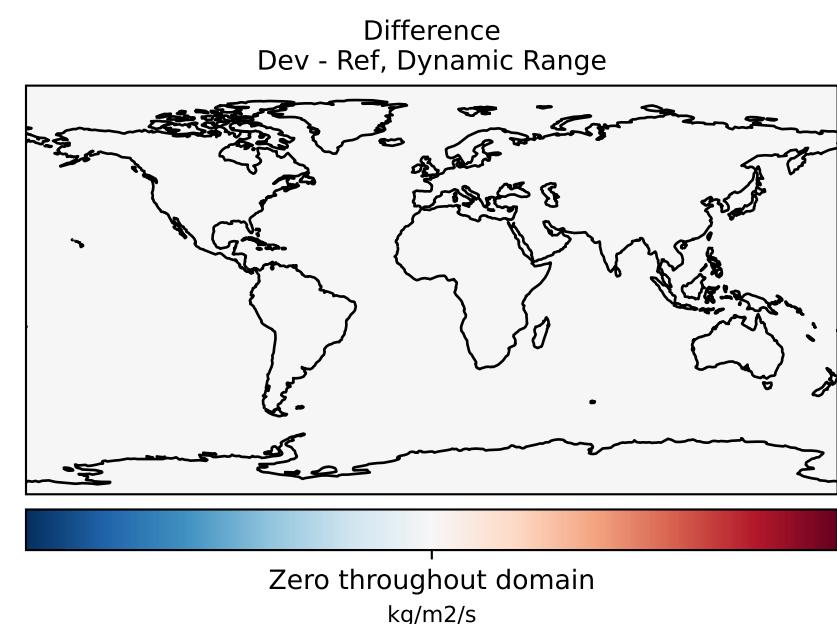
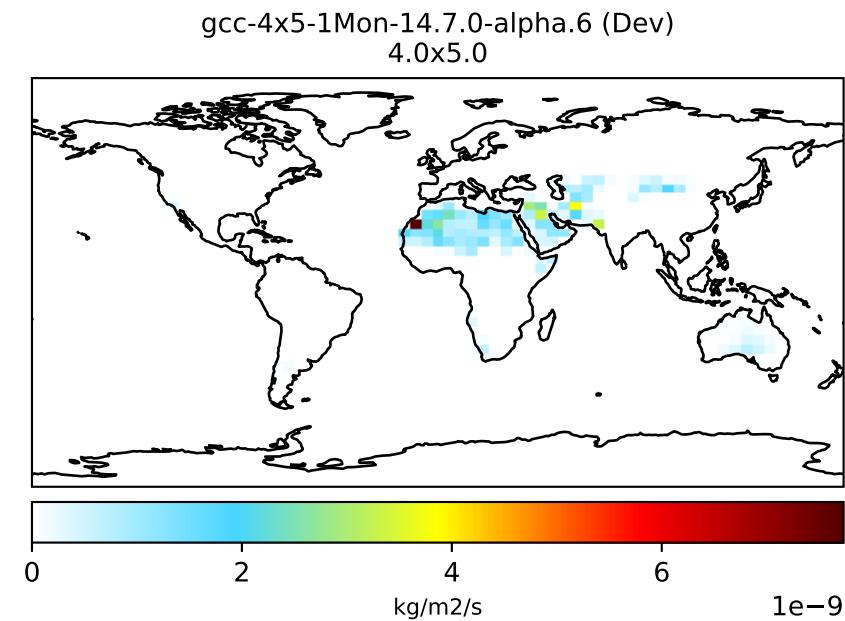
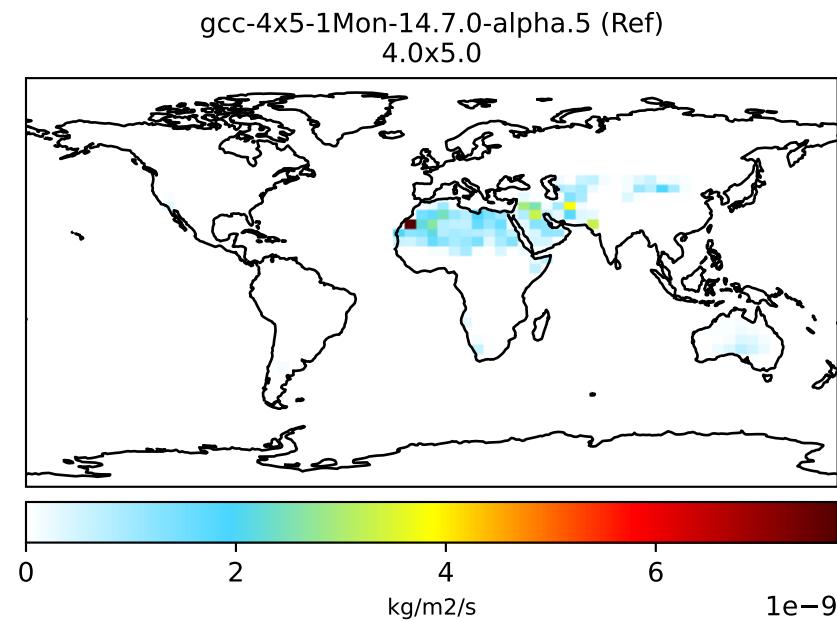
Ratio
Dev/Ref, Fixed Range



Ref and Dev equal throughout domain
unitless

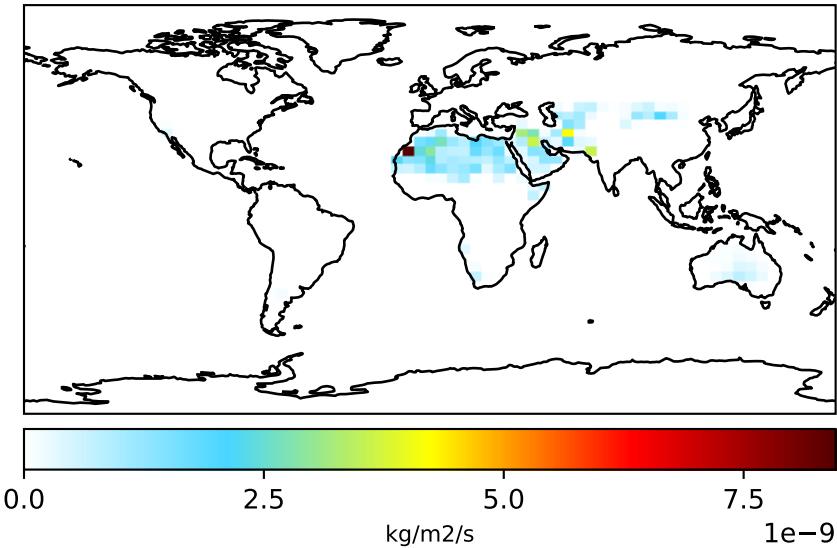
Ref and Dev equal throughout domain
unitless

EmisDST3_Natural

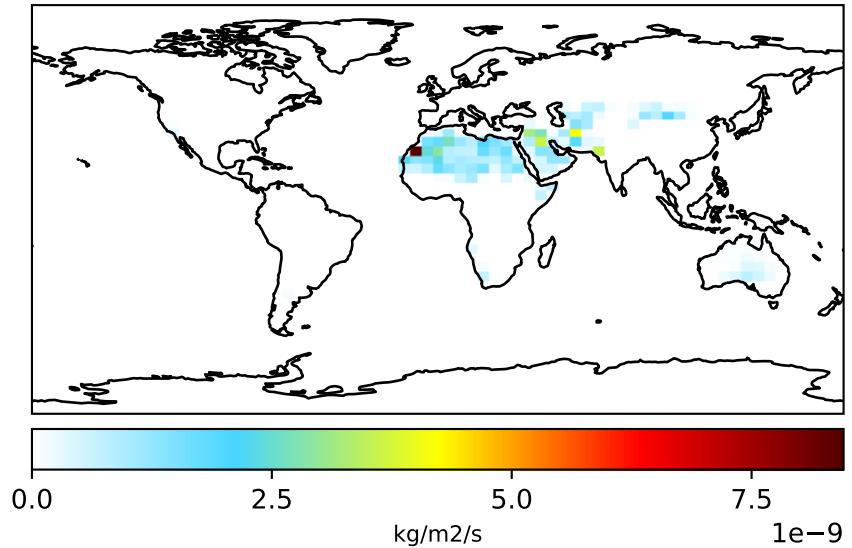


EmisDST4_Natural

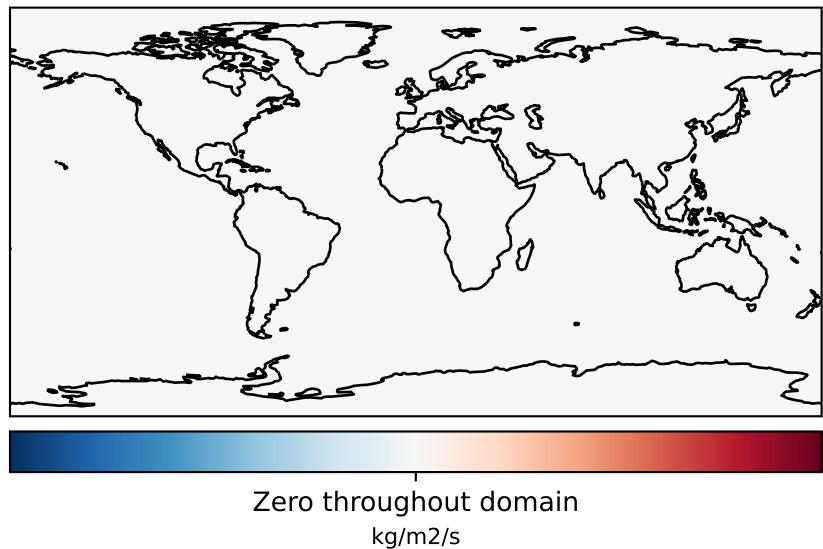
gcc-4x5-1Mon-14.7.0-alpha.5 (Ref)
4.0x5.0



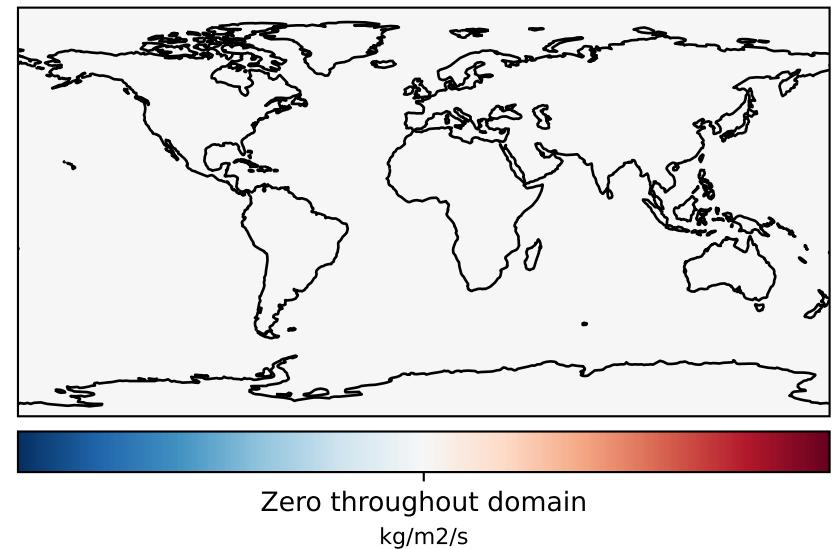
gcc-4x5-1Mon-14.7.0-alpha.6 (Dev)
4.0x5.0



Difference
Dev - Ref, Dynamic Range



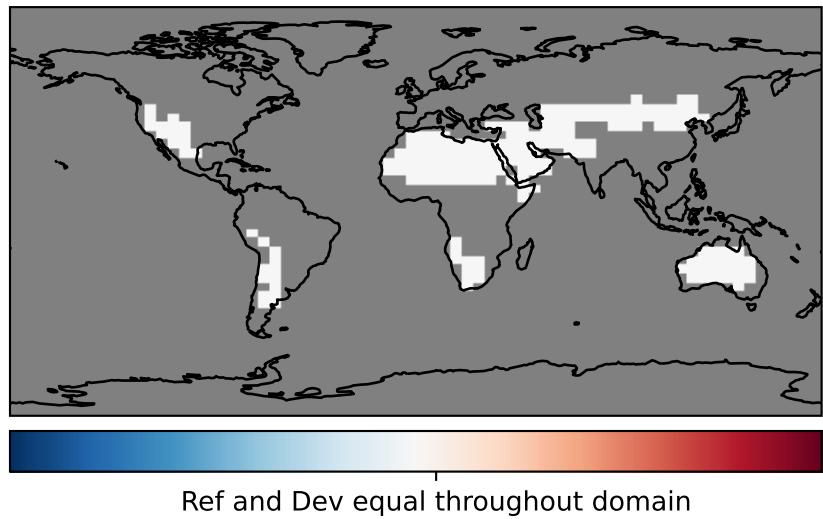
Difference
Dev - Ref, Restricted Range [5%, 95%]



Zero throughout domain
kg/m²/s

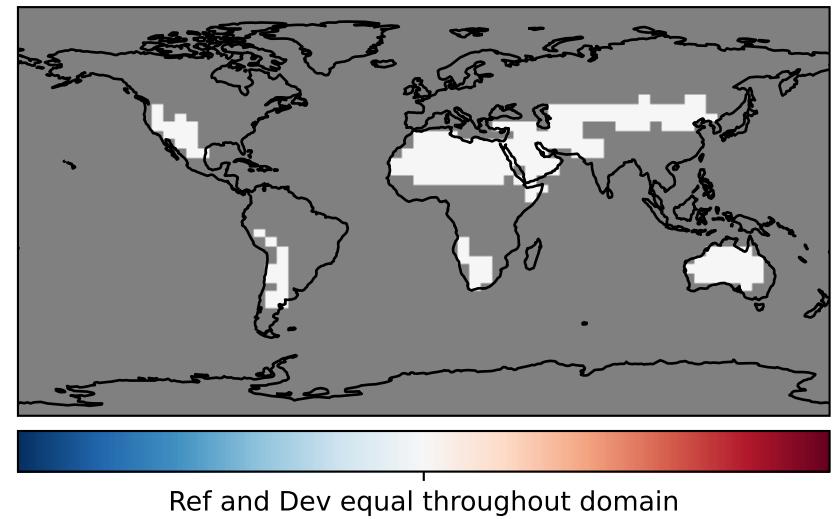
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



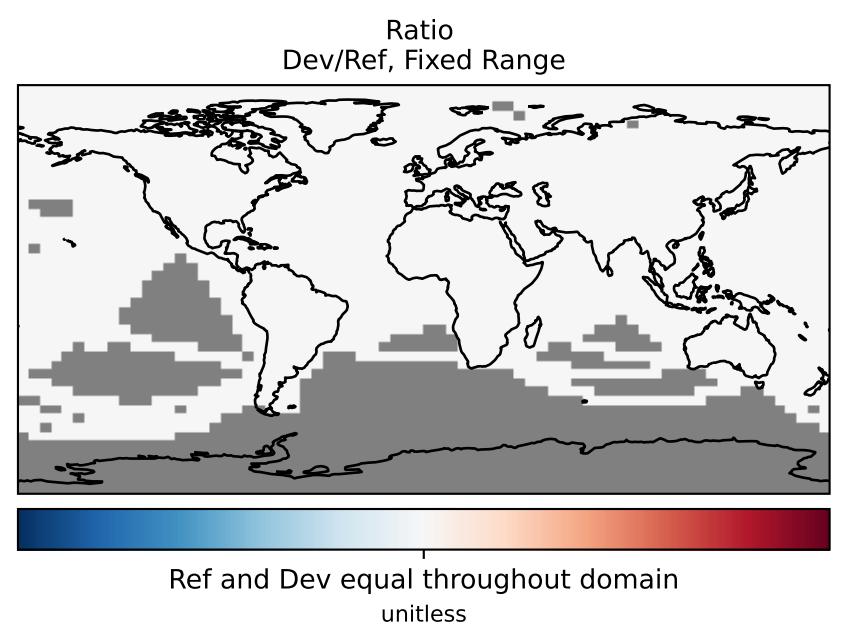
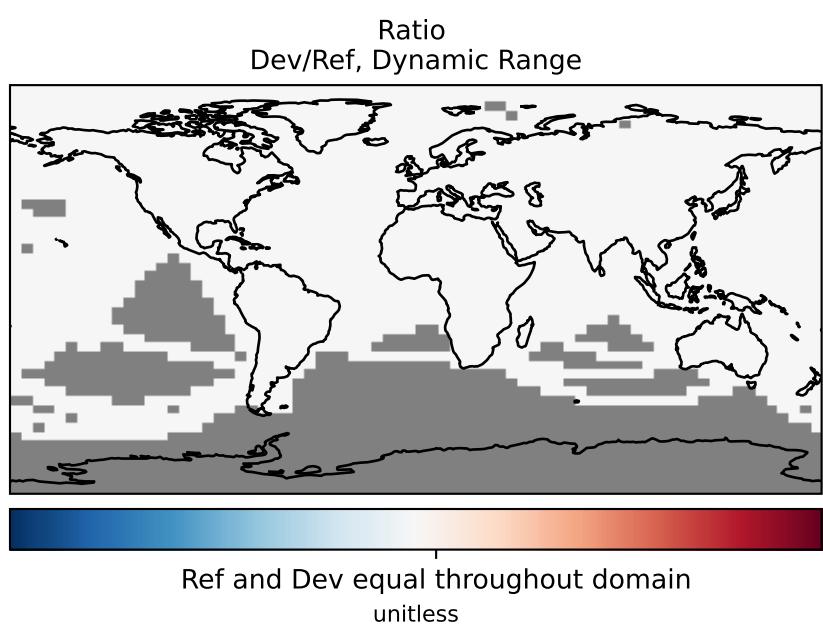
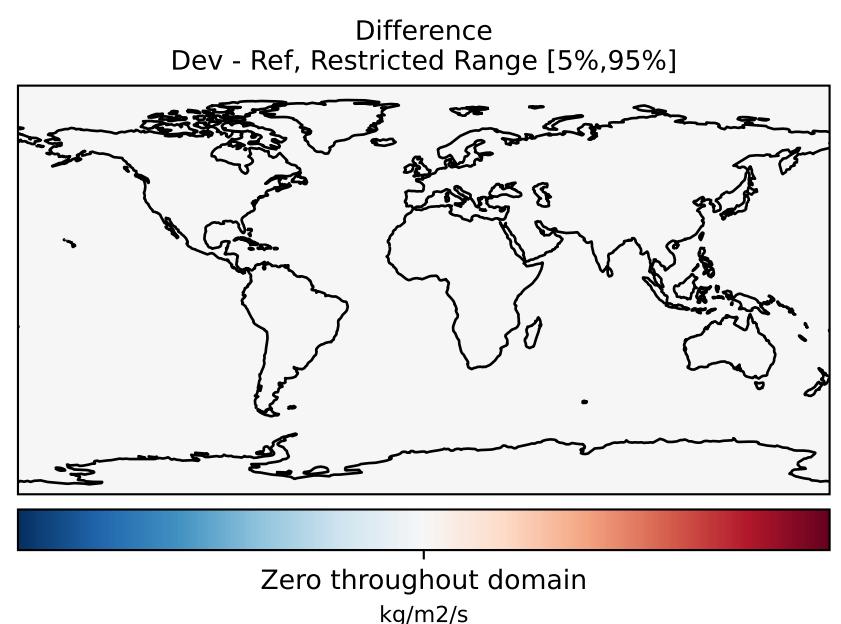
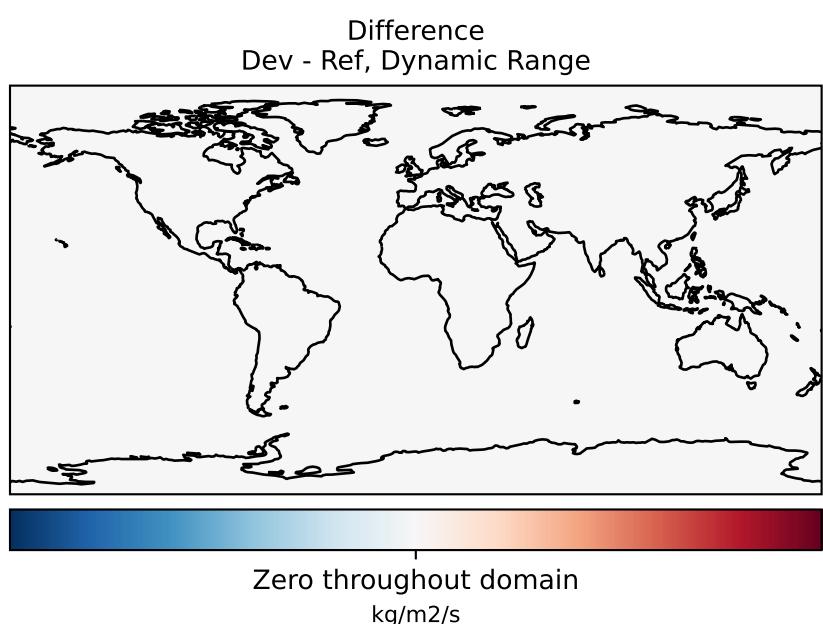
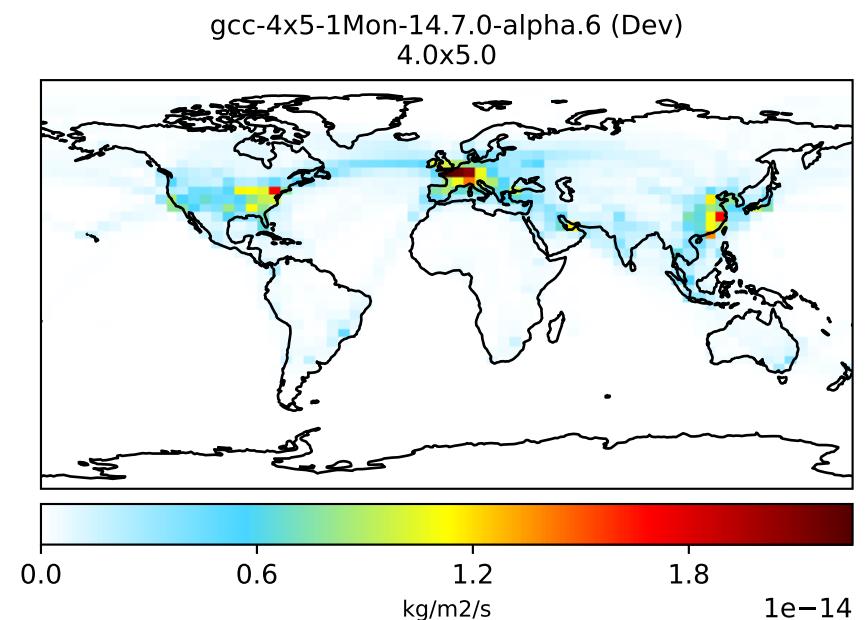
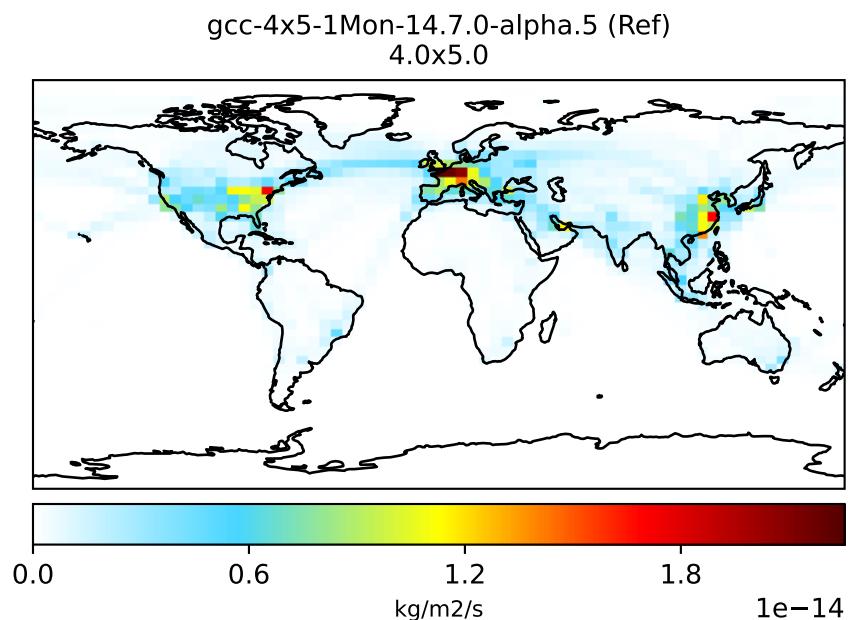
Ref and Dev equal throughout domain
unitless

Ratio
Dev/Ref, Fixed Range

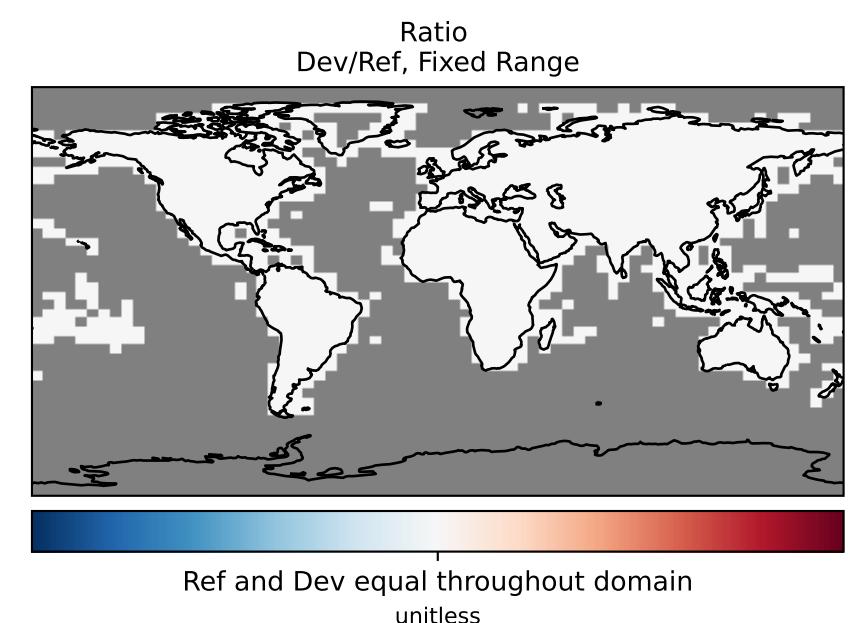
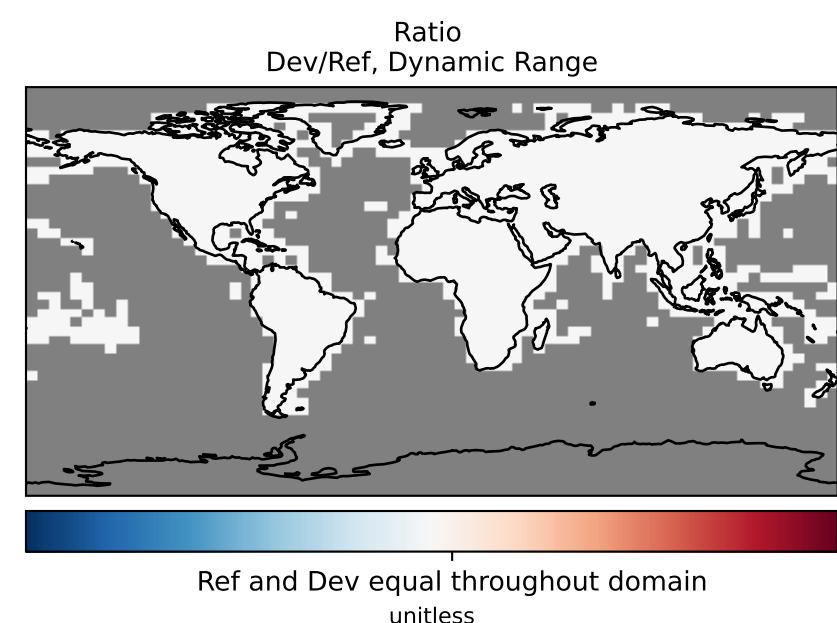
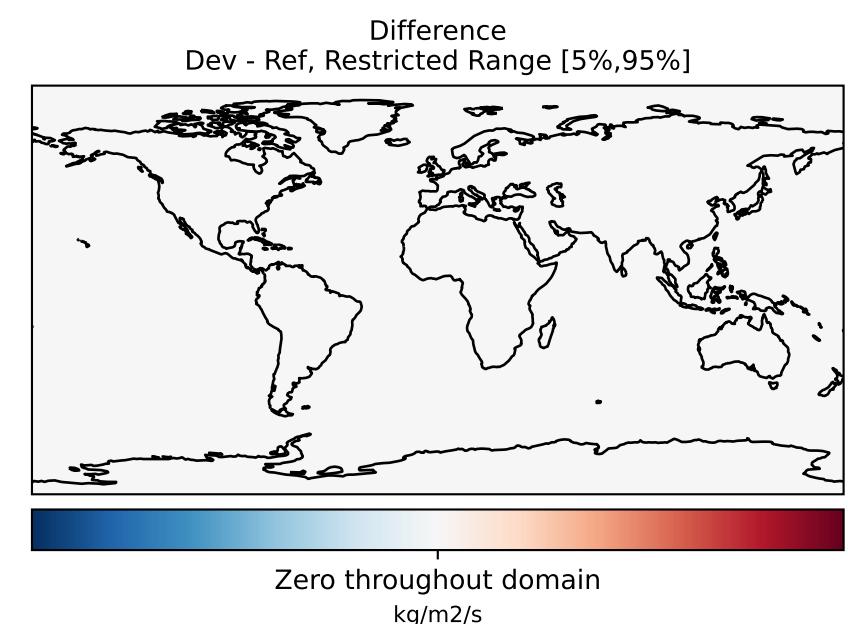
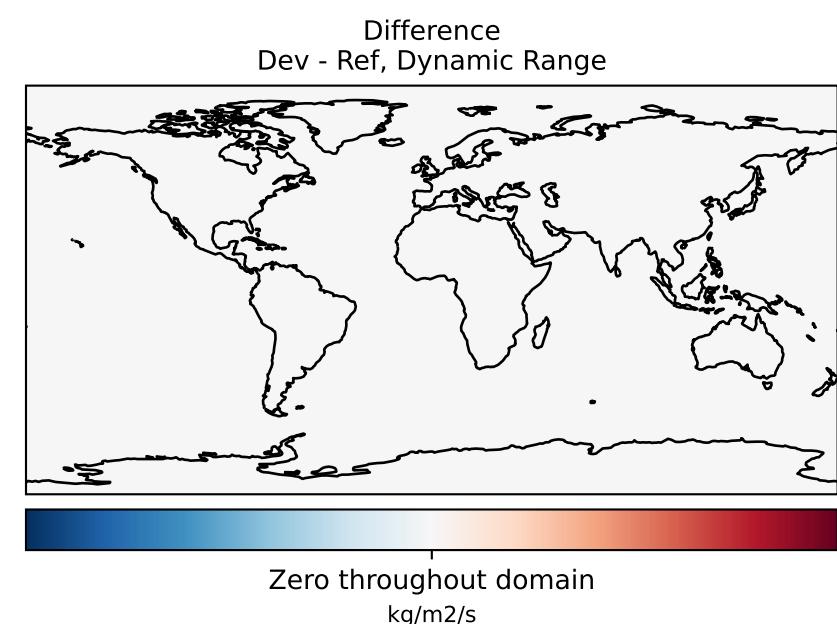
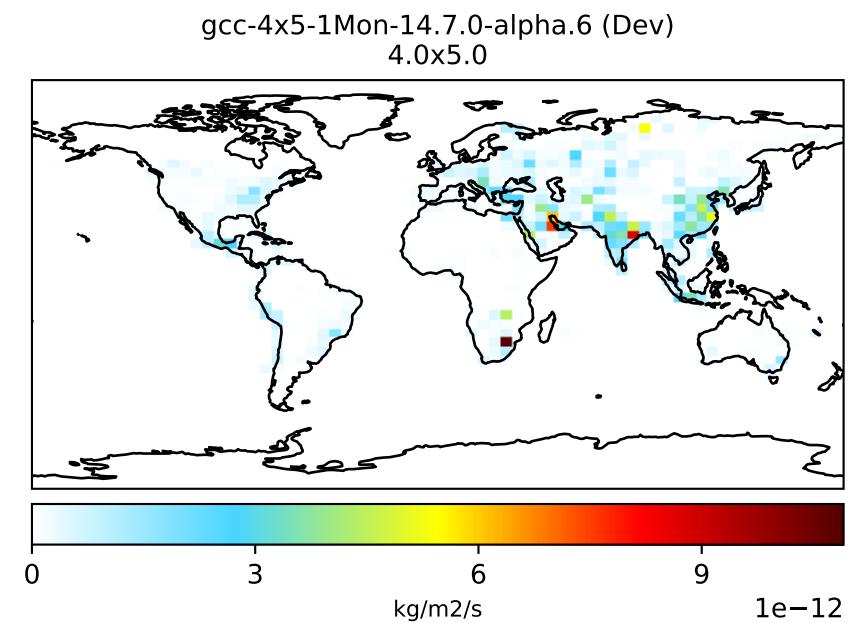
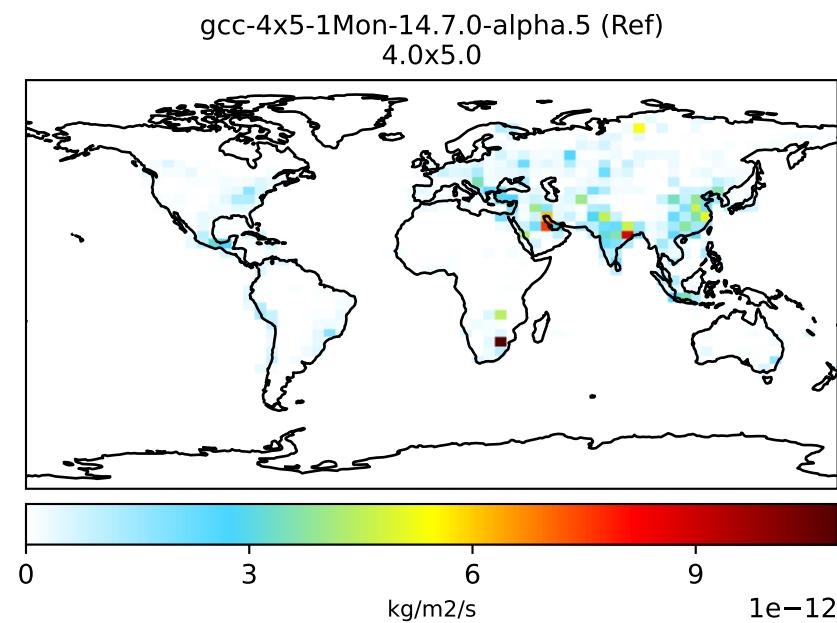


Ref and Dev equal throughout domain
unitless

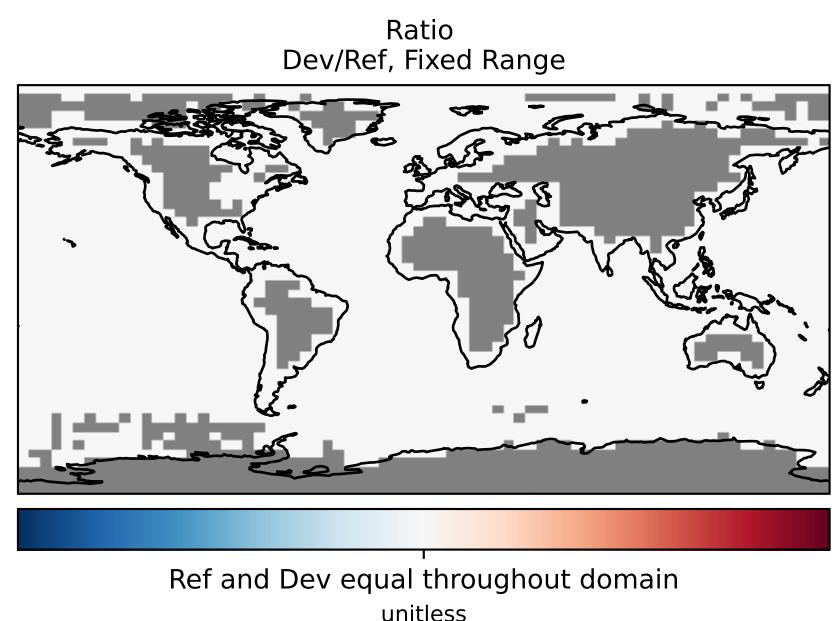
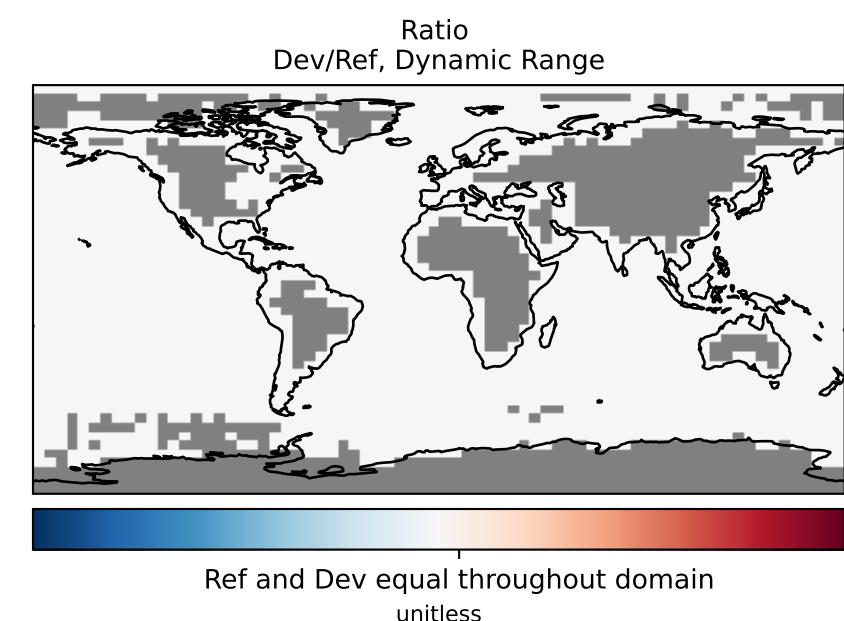
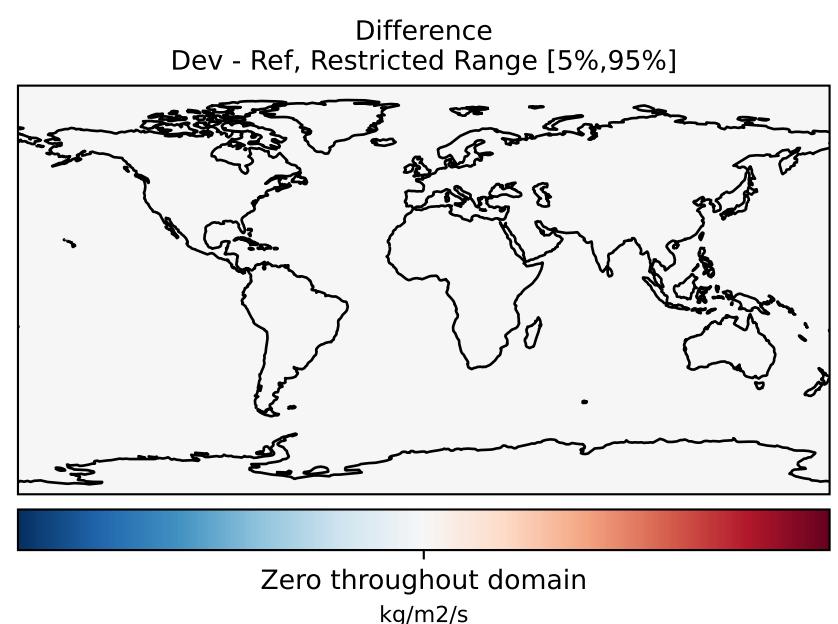
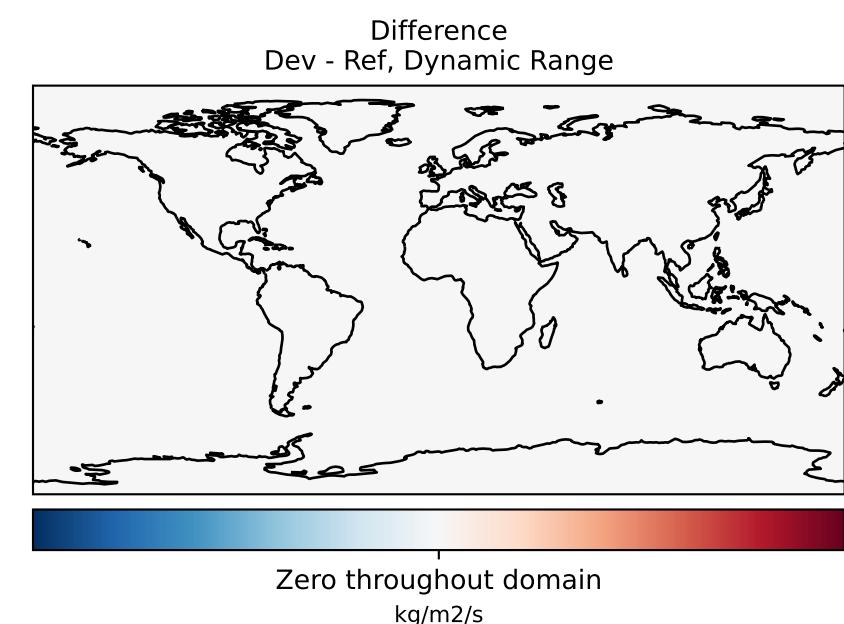
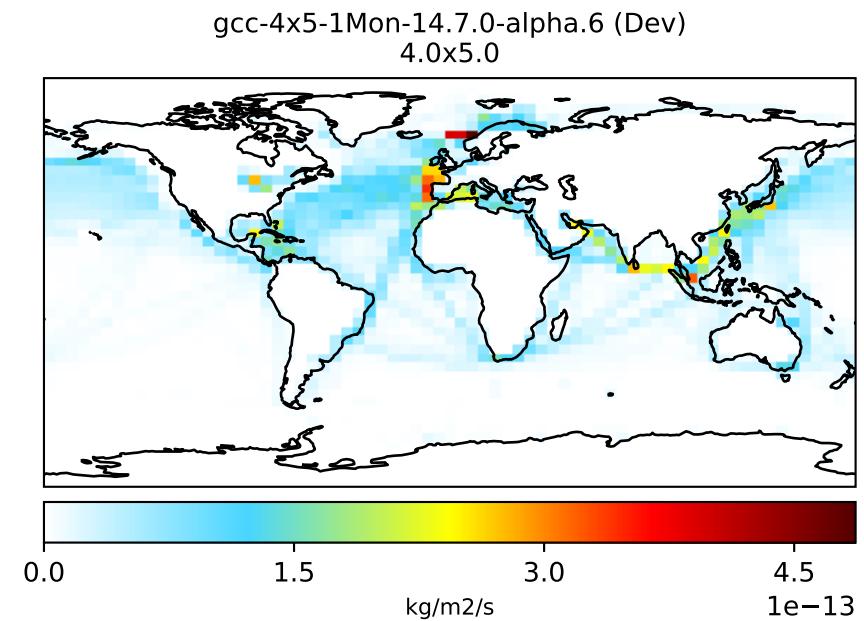
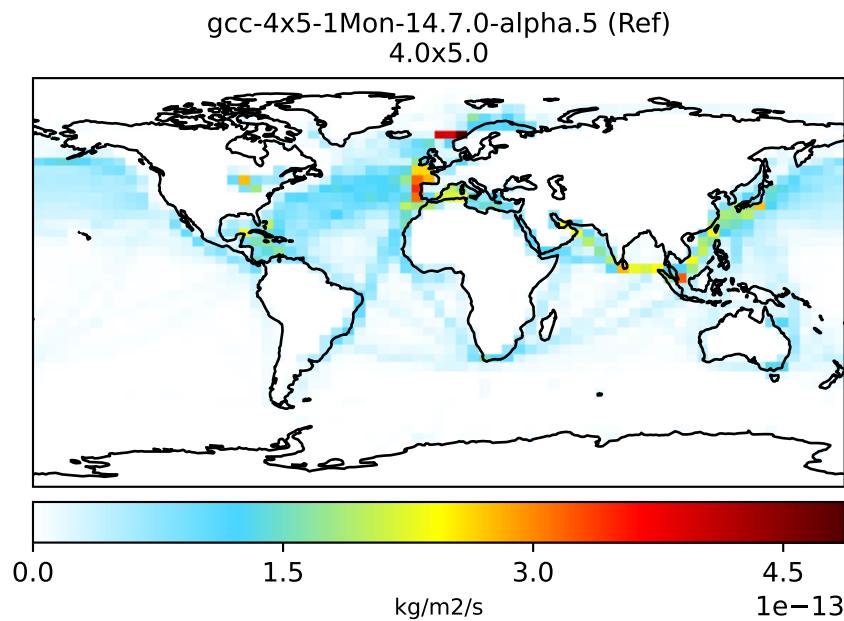
EmisSO4_Aircraft



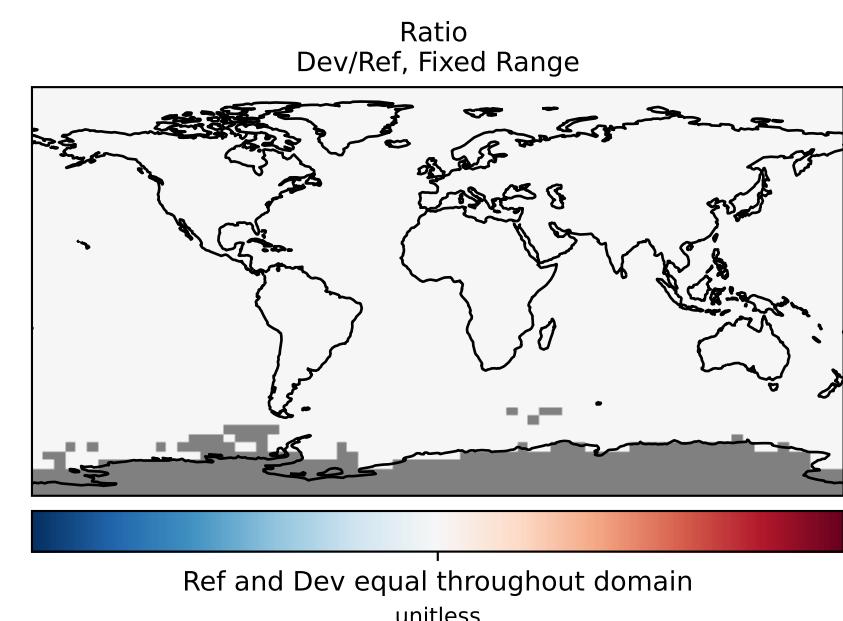
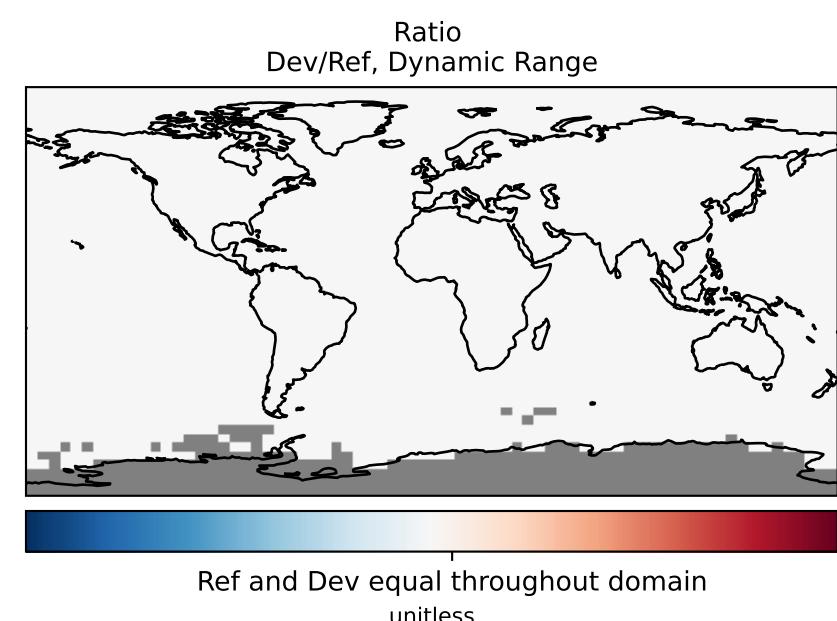
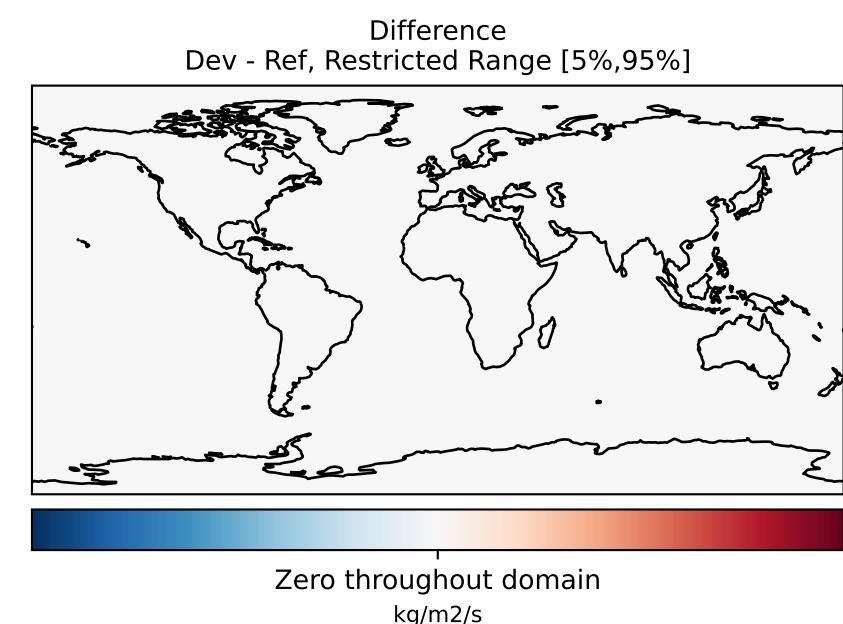
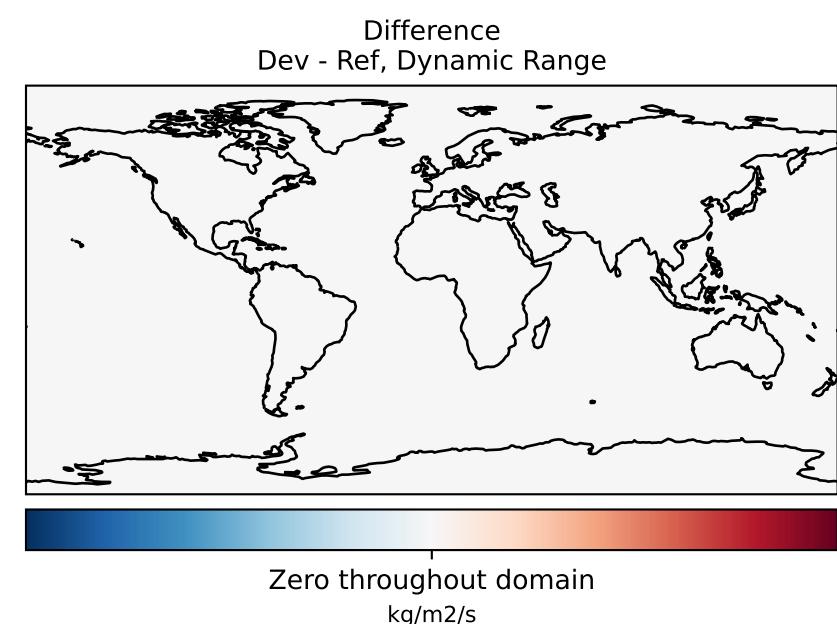
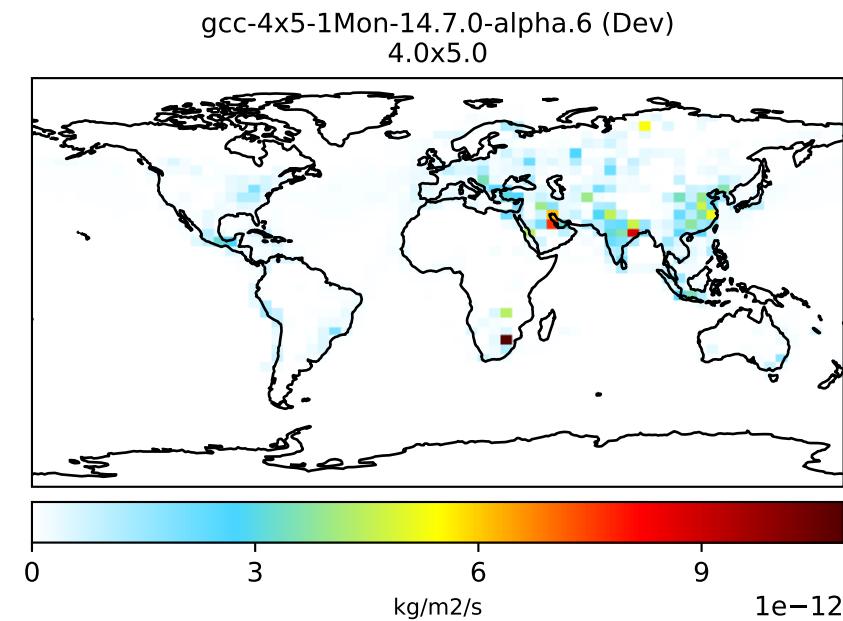
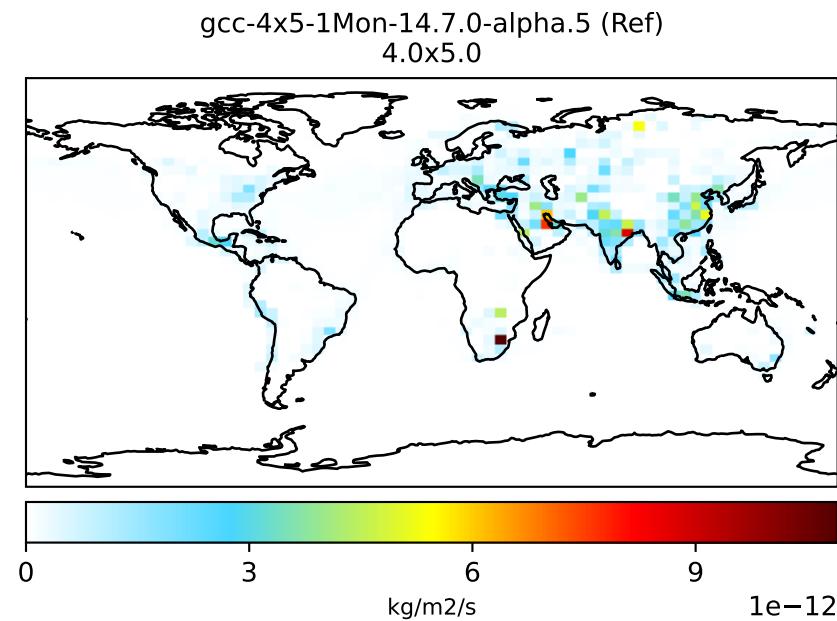
EmisSO4_Anthro



EmisSO4_Ship

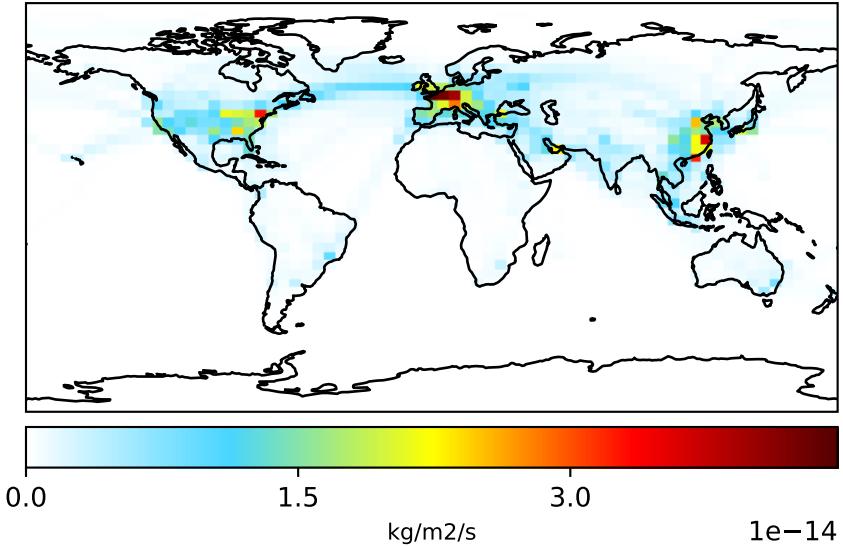


EmisSO4_Total

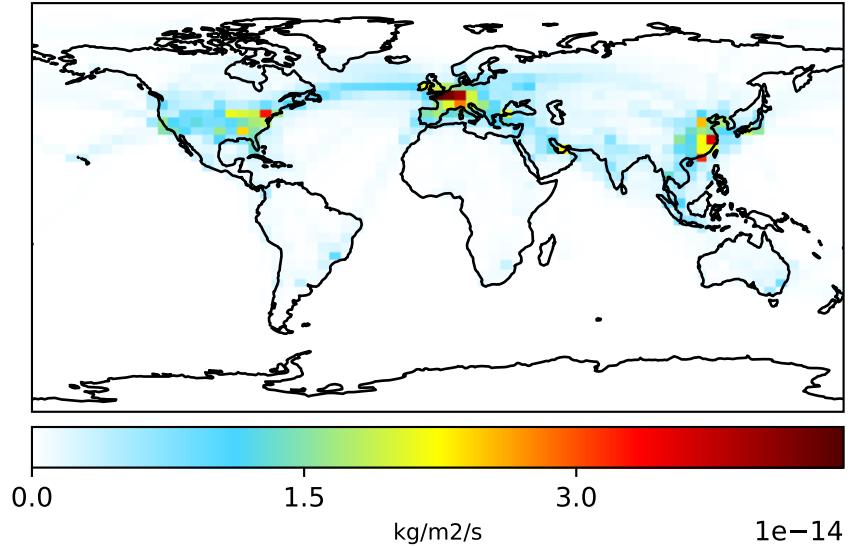


EmisBCPI_Aircraft

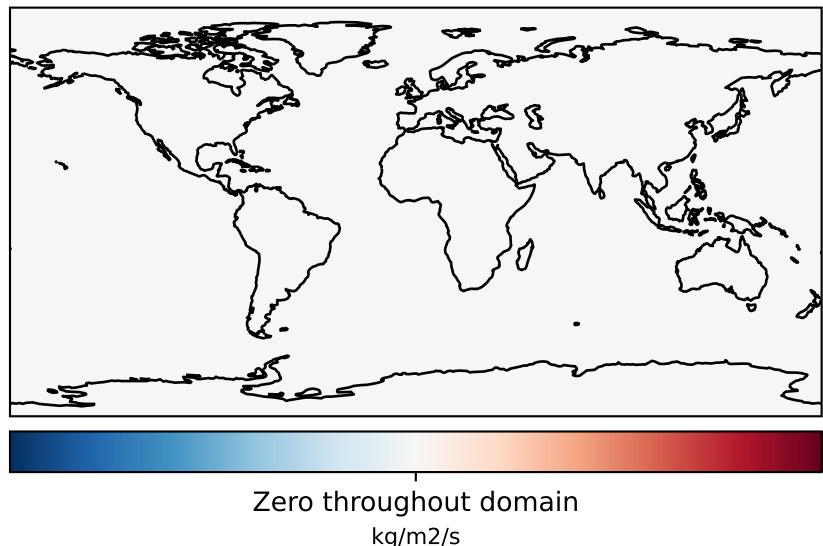
gcc-4x5-1Mon-14.7.0-alpha.5 (Ref)
4.0x5.0



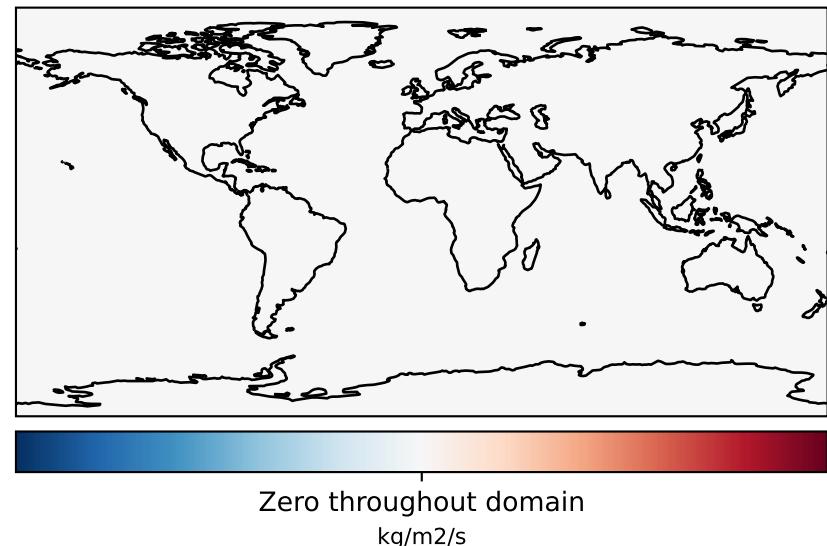
gcc-4x5-1Mon-14.7.0-alpha.6 (Dev)
4.0x5.0



Difference
Dev - Ref, Dynamic Range



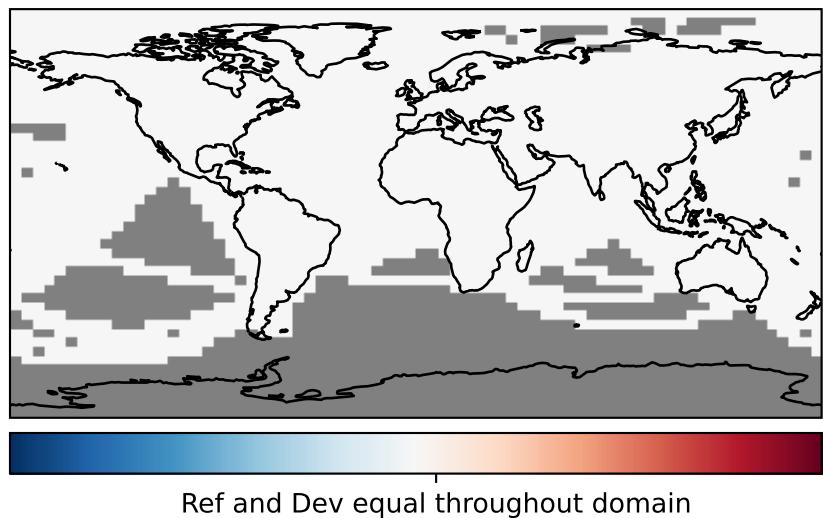
Difference
Dev - Ref, Restricted Range [5%,95%]



Zero throughout domain
kg/m²/s

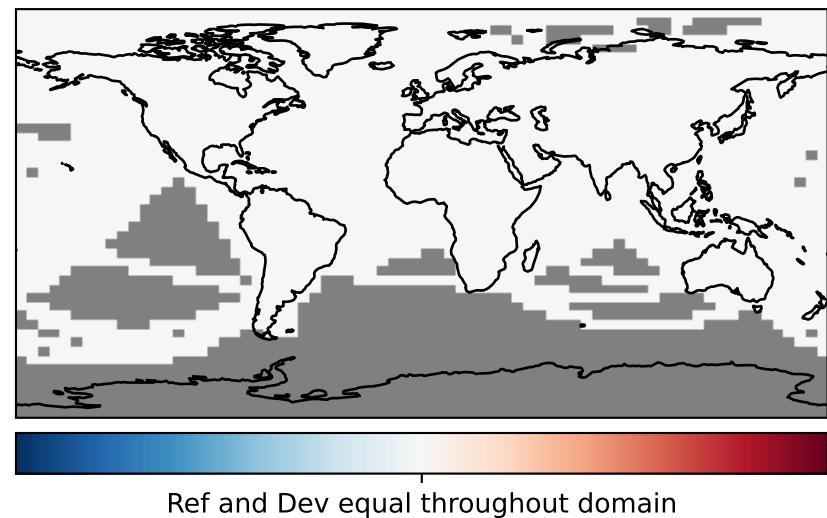
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



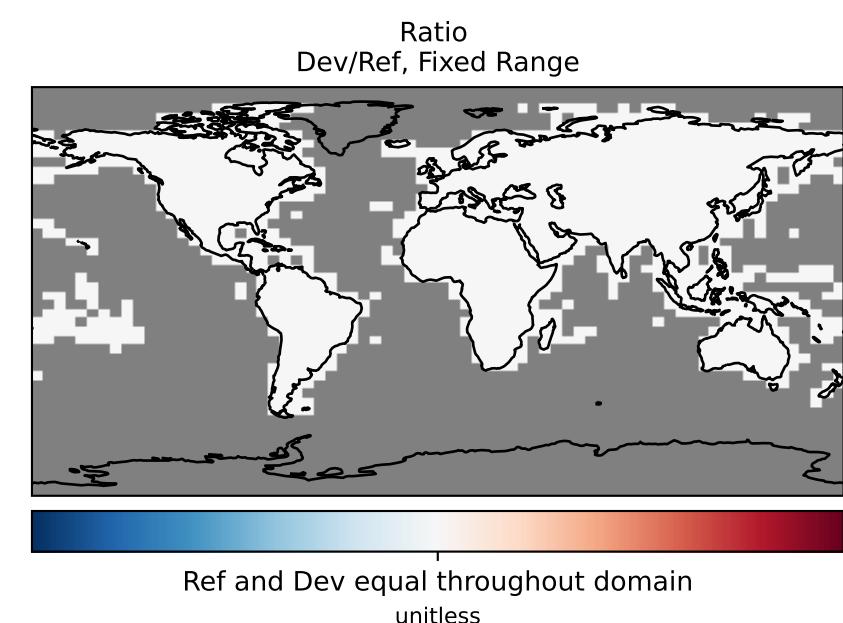
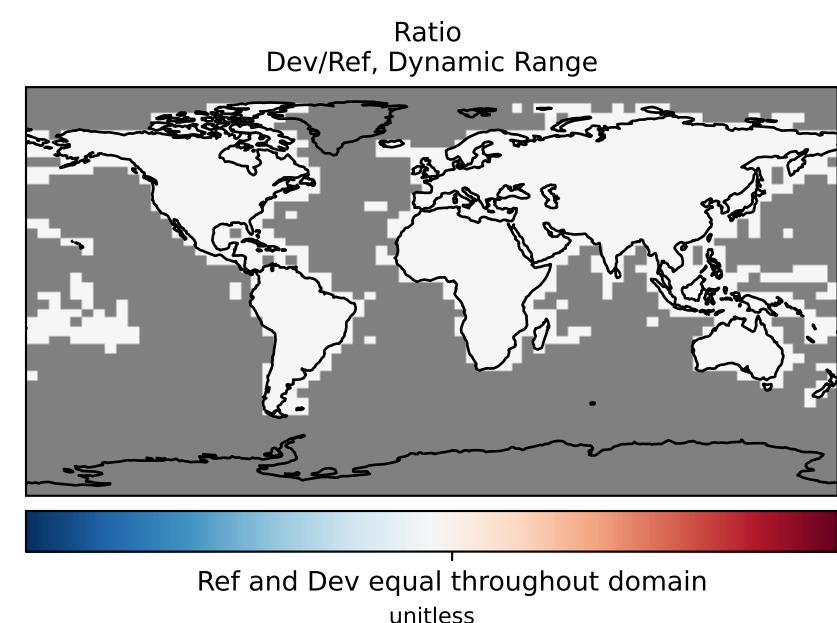
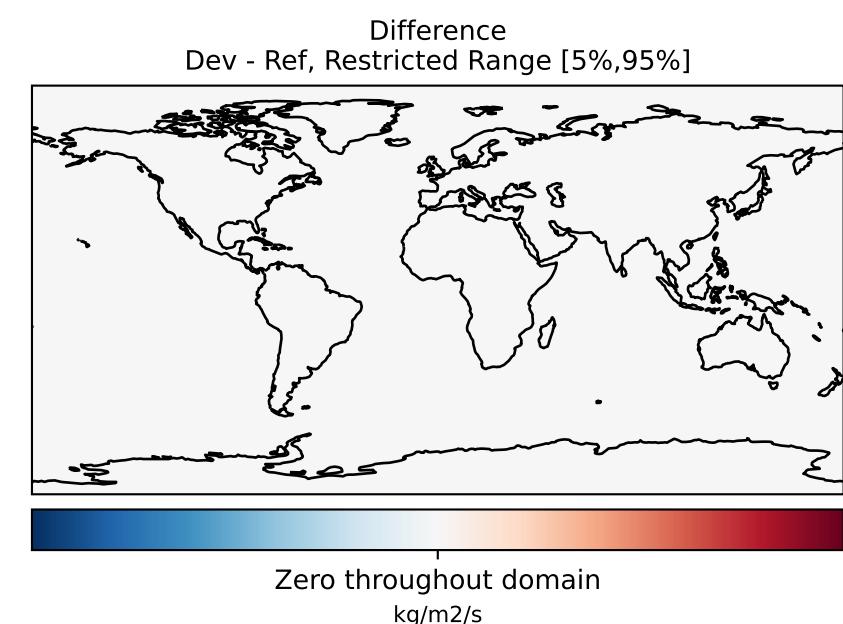
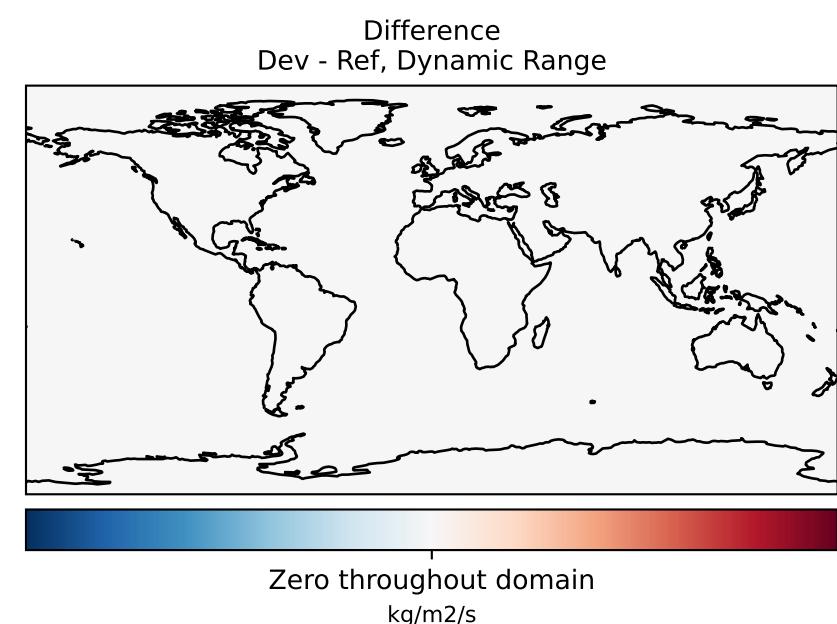
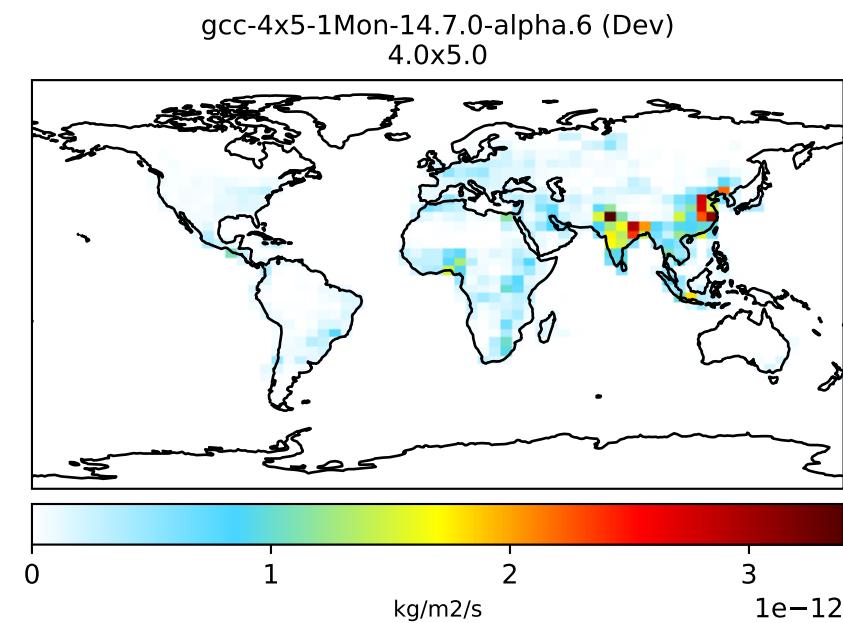
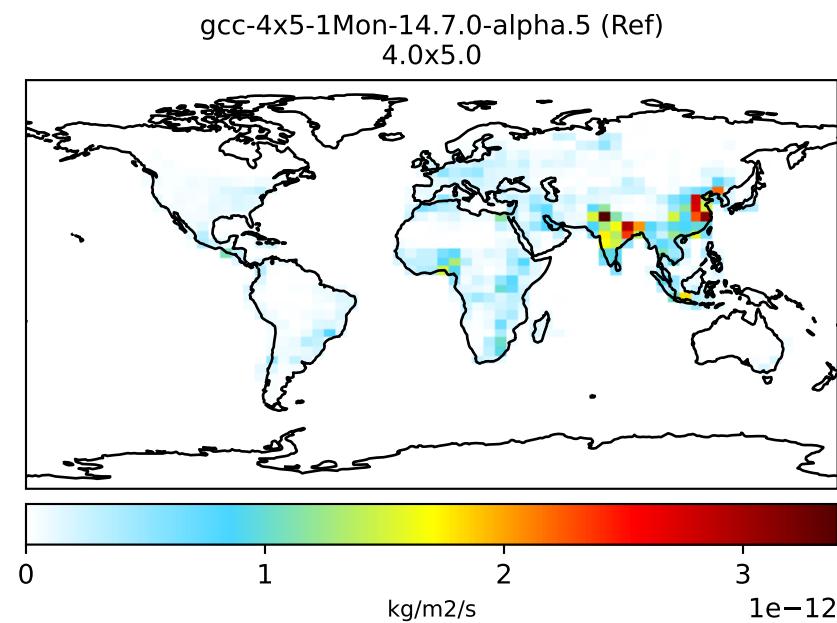
Ref and Dev equal throughout domain
unitless

Ratio
Dev/Ref, Fixed Range



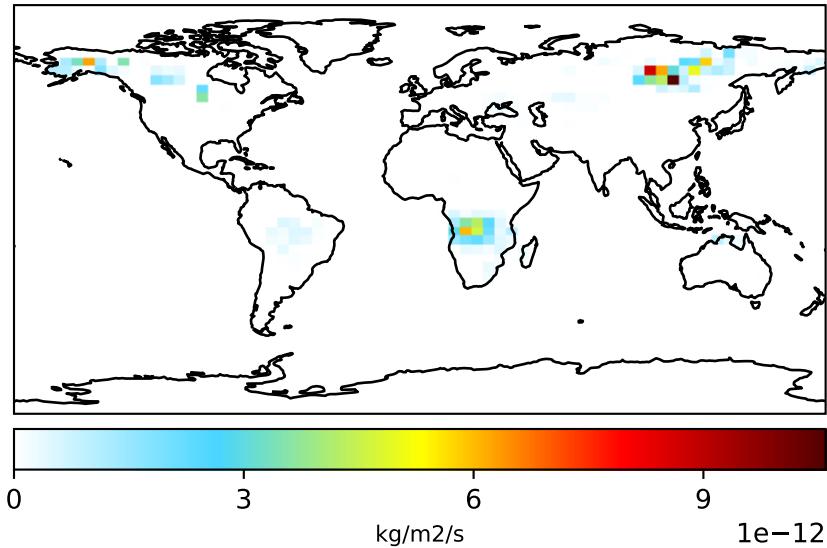
Ref and Dev equal throughout domain
unitless

EmisBCPI_Anthro

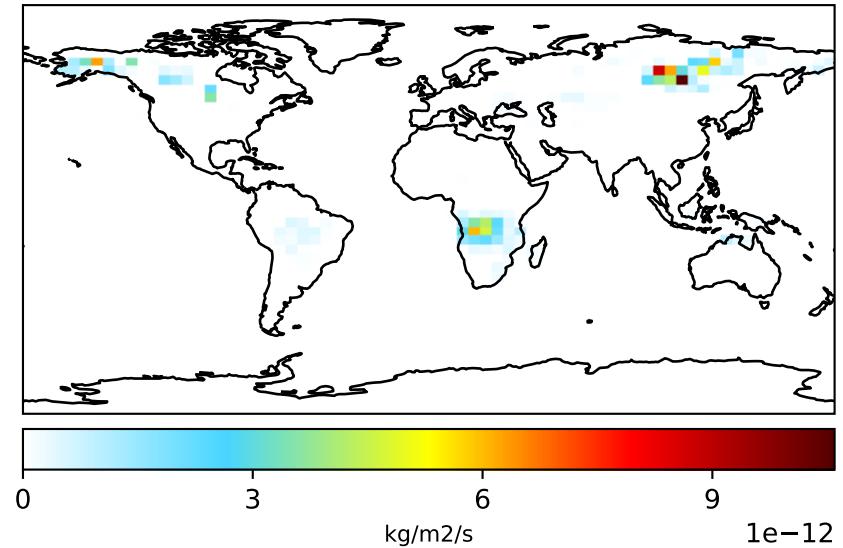


EmisBCPI_BioBurn

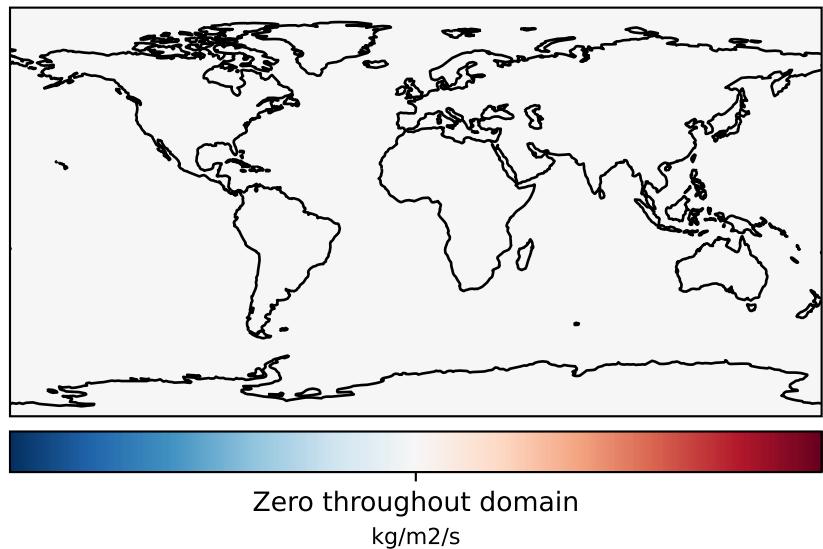
gcc-4x5-1Mon-14.7.0-alpha.5 (Ref)
4.0x5.0



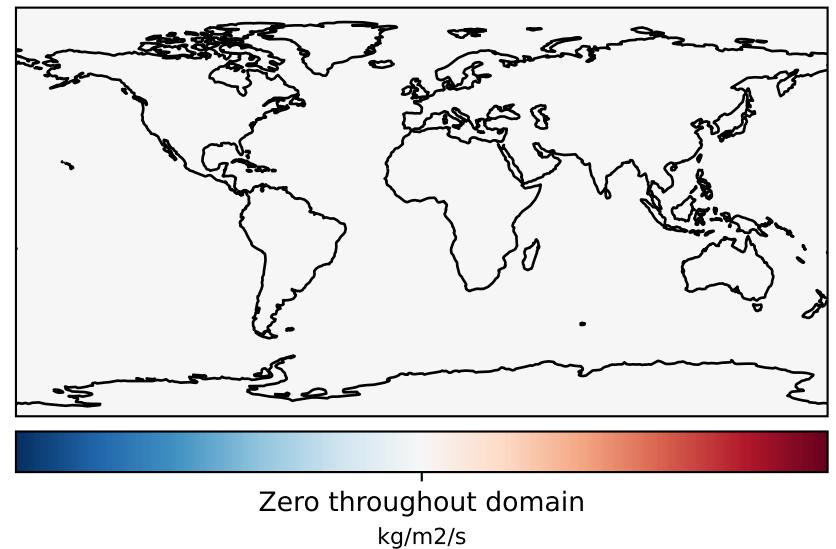
gcc-4x5-1Mon-14.7.0-alpha.6 (Dev)
4.0x5.0



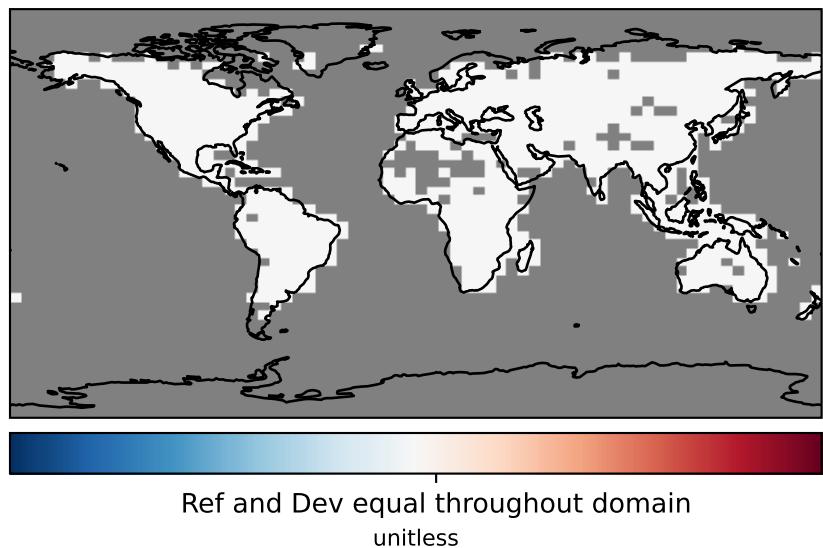
Difference
Dev - Ref, Dynamic Range



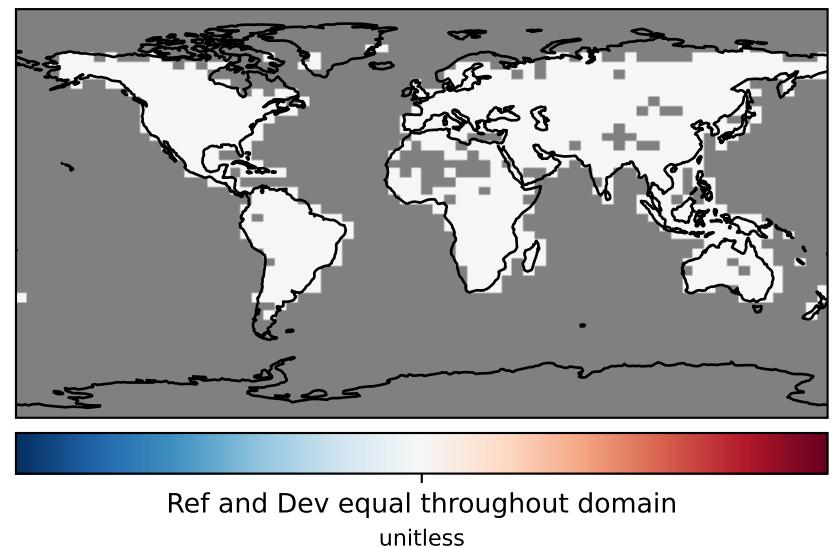
Difference
Dev - Ref, Restricted Range [5%, 95%]



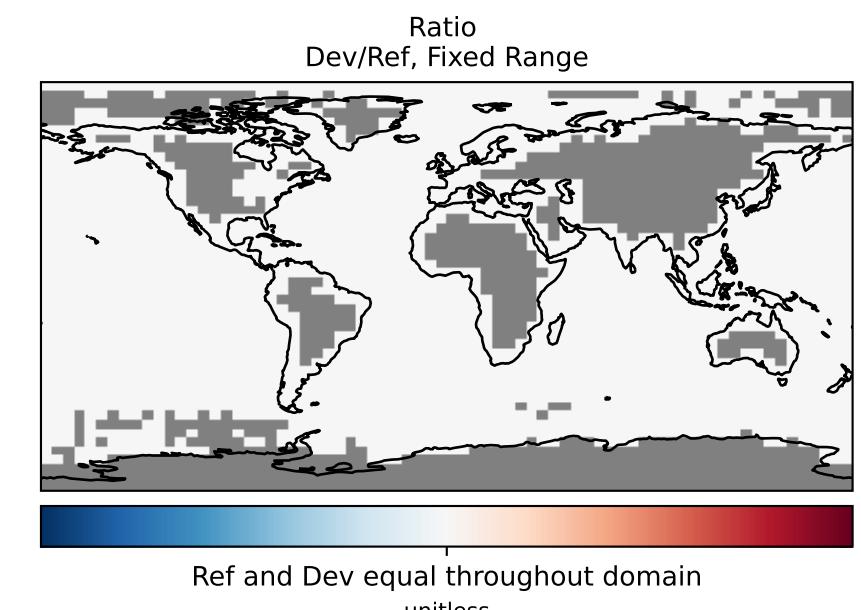
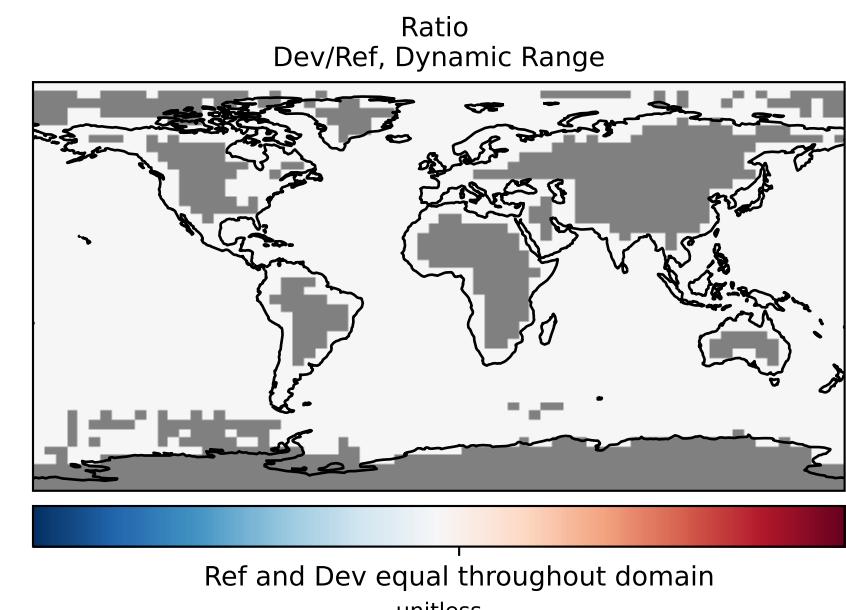
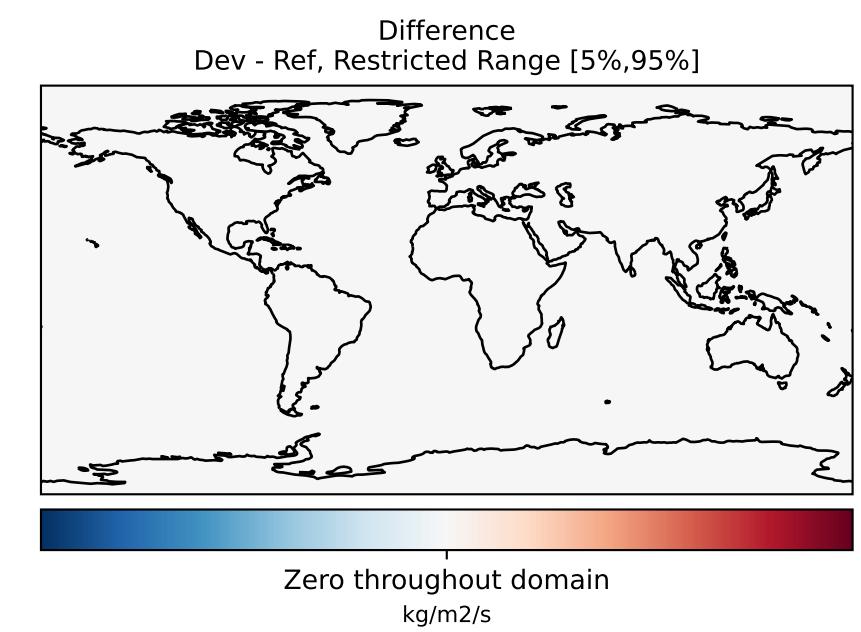
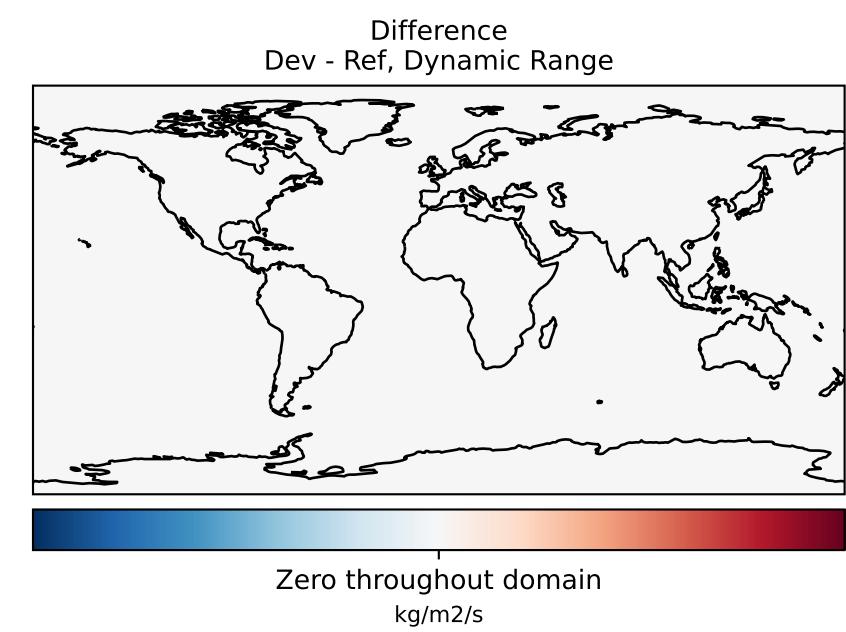
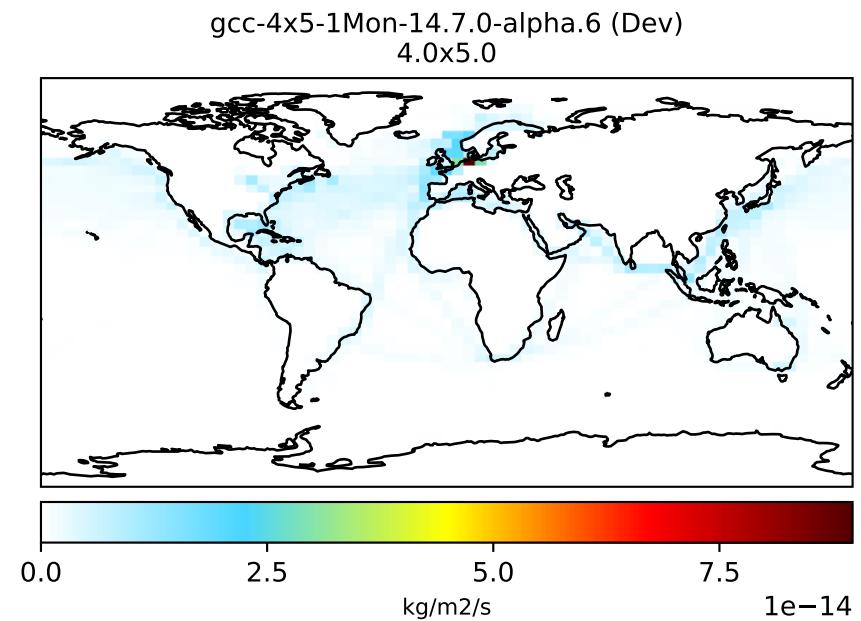
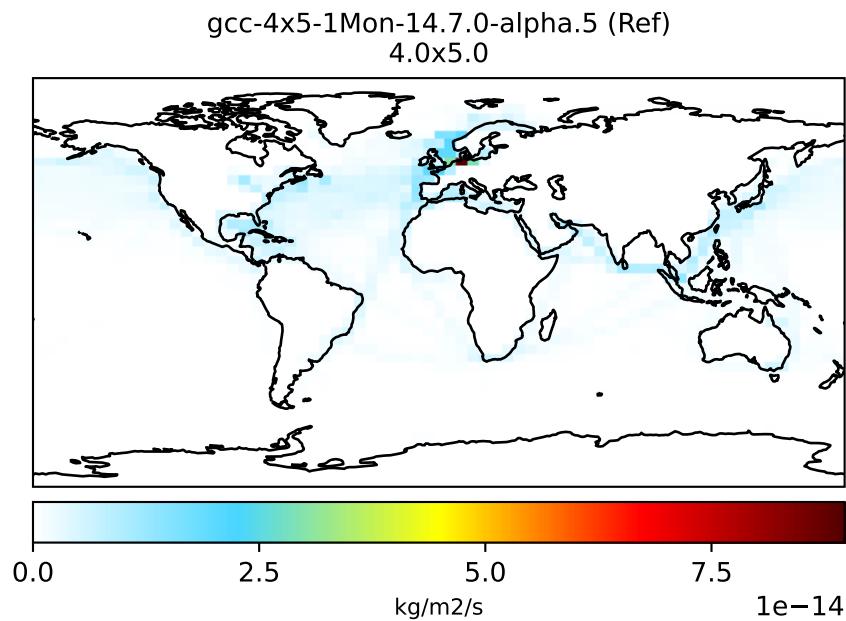
Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

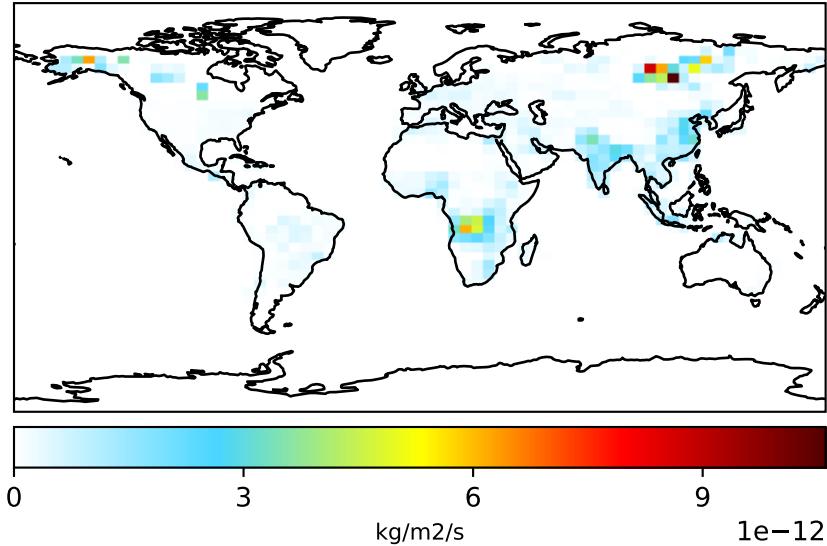


EmisBCPI_Ship

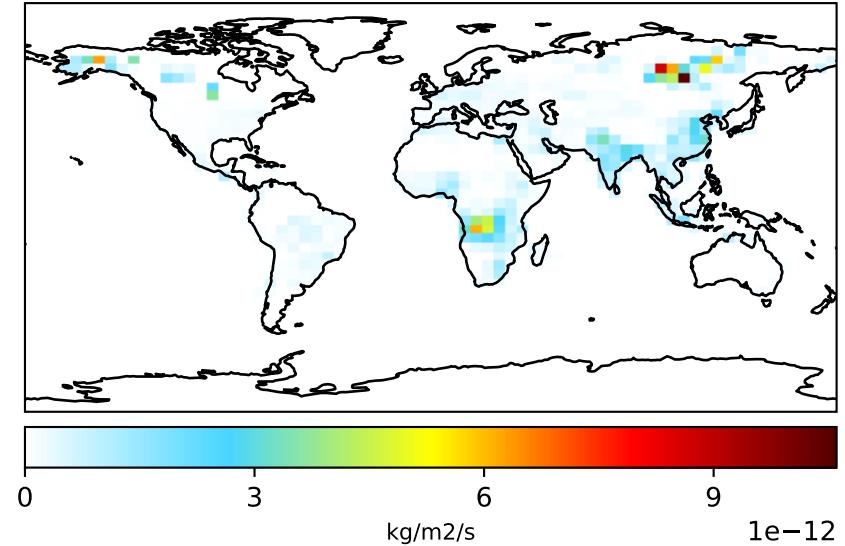


EmisBCPI_Total

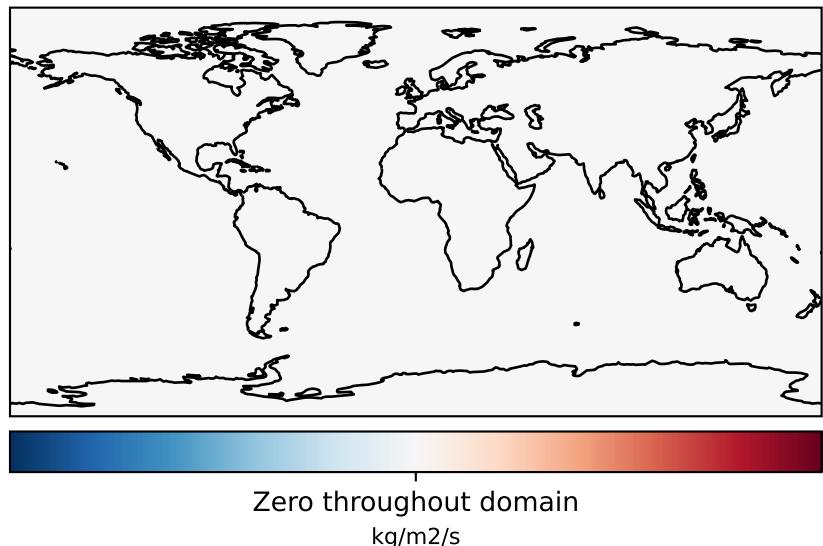
gcc-4x5-1Mon-14.7.0-alpha.5 (Ref)
4.0x5.0



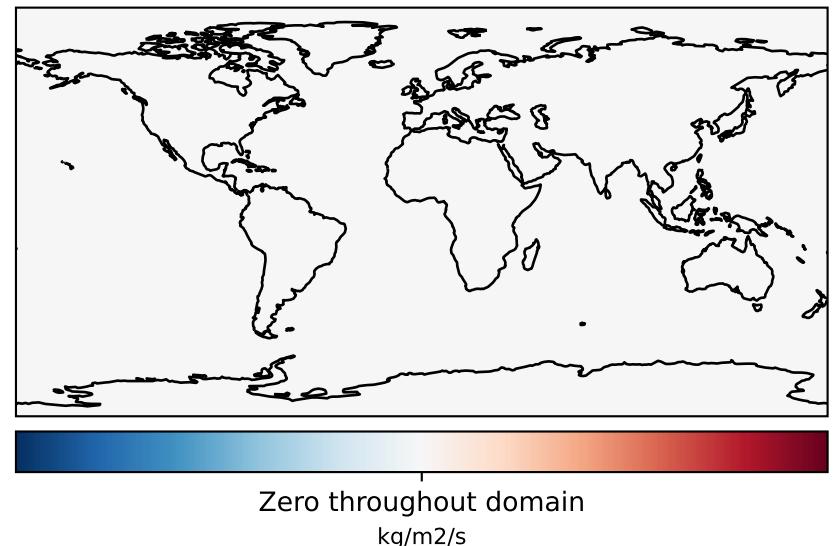
gcc-4x5-1Mon-14.7.0-alpha.6 (Dev)
4.0x5.0



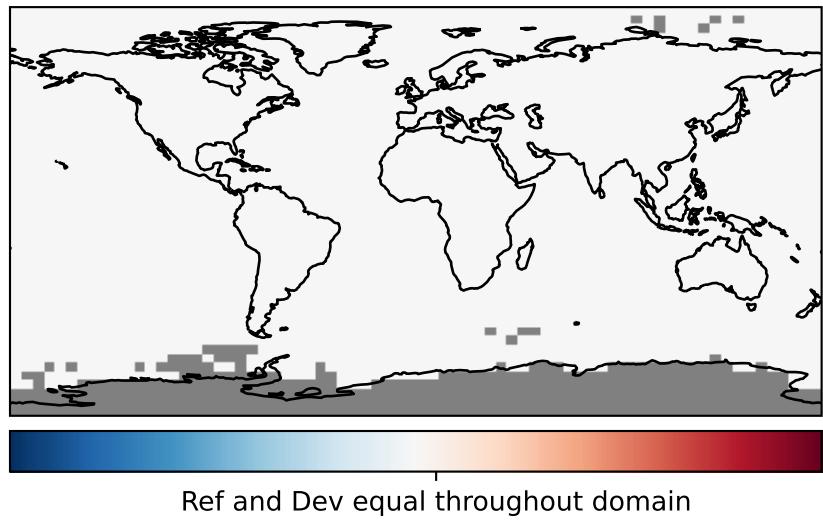
Difference
Dev - Ref, Dynamic Range



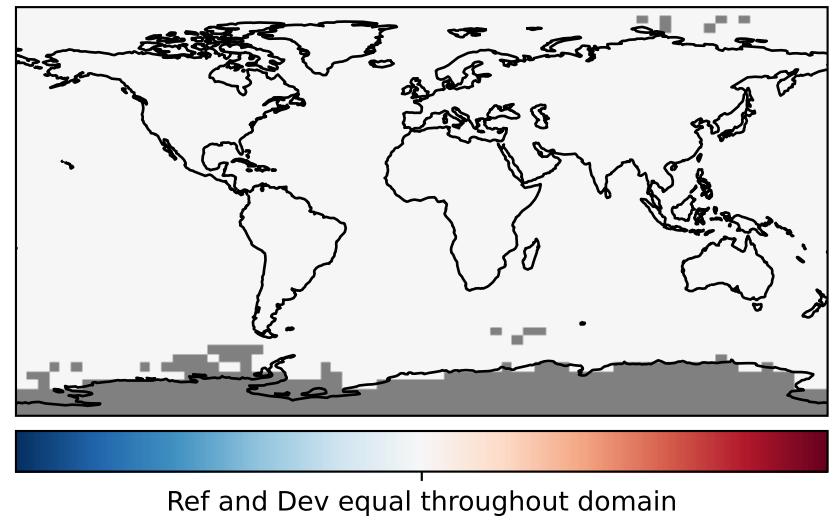
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

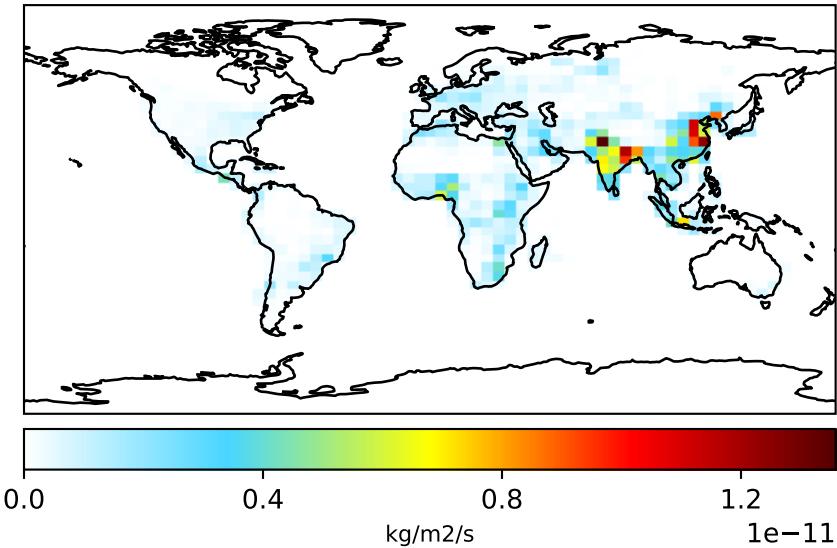


Ratio
Dev/Ref, Fixed Range

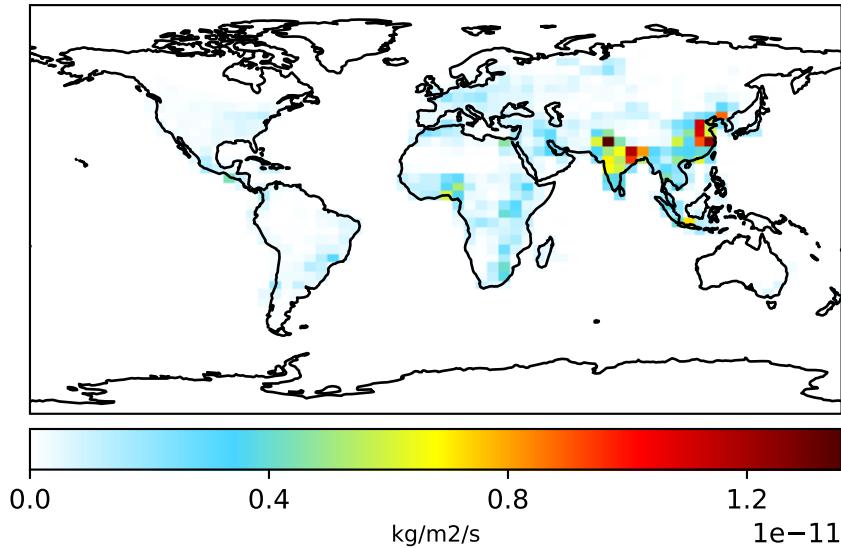


EmisBCPO_Anthro

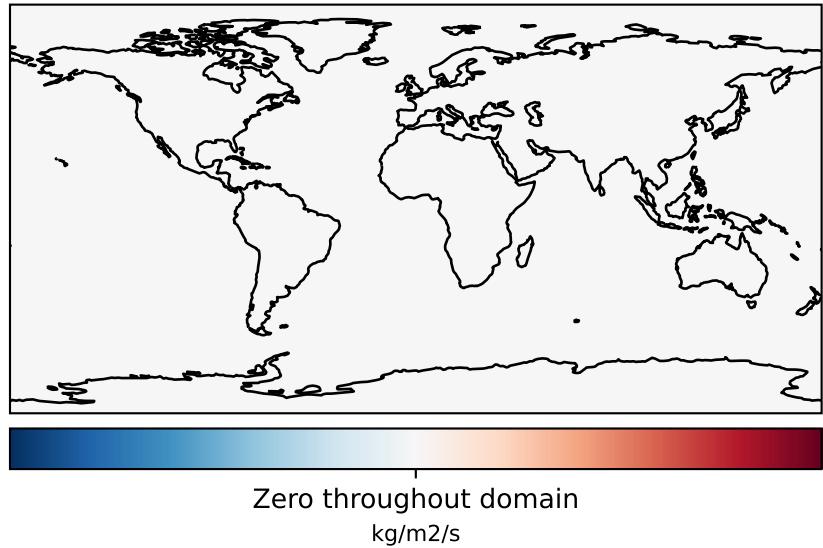
gcc-4x5-1Mon-14.7.0-alpha.5 (Ref)
4.0x5.0



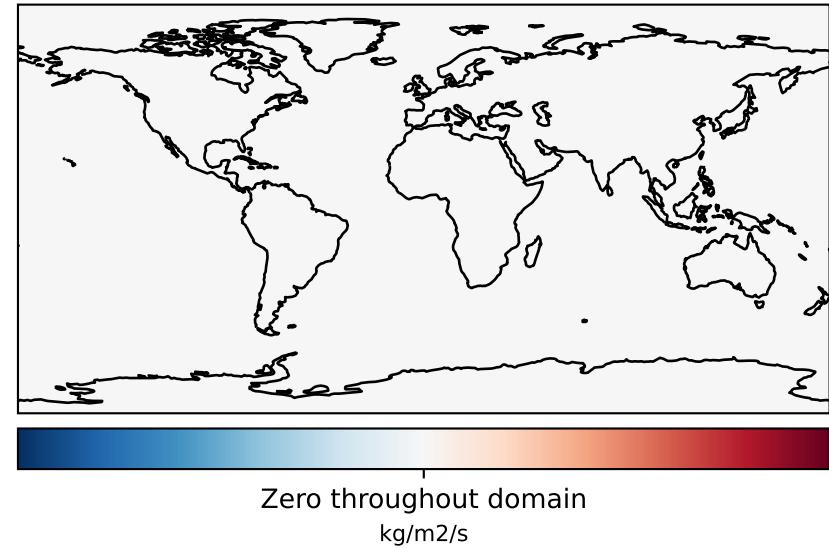
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4.0x5.0



Difference
Dev - Ref, Dynamic Range



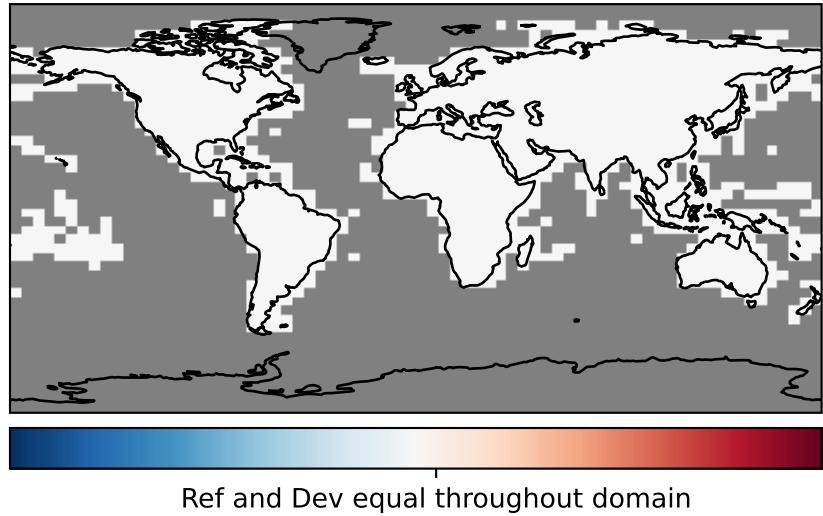
Difference
Dev - Ref, Restricted Range [5%, 95%]



Zero throughout domain
 $\text{kg/m}^2\text{s}$

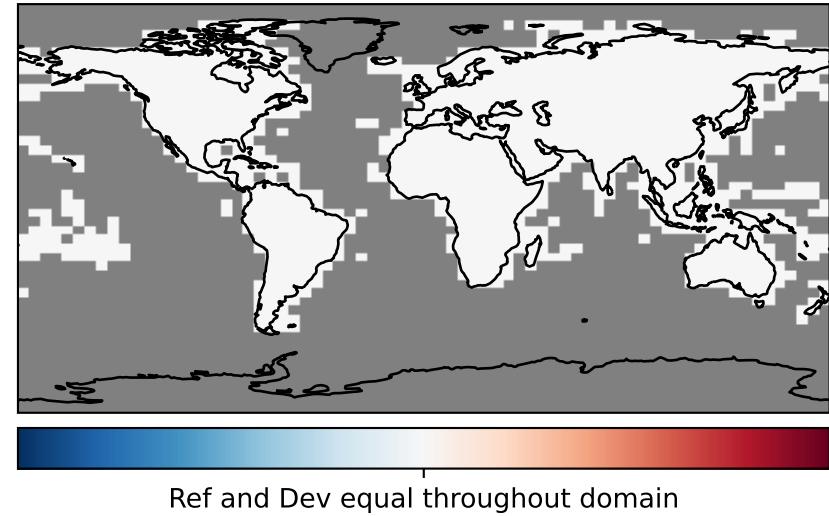
Zero throughout domain
 $\text{kg/m}^2\text{s}$

Ratio
Dev/Ref, Dynamic Range



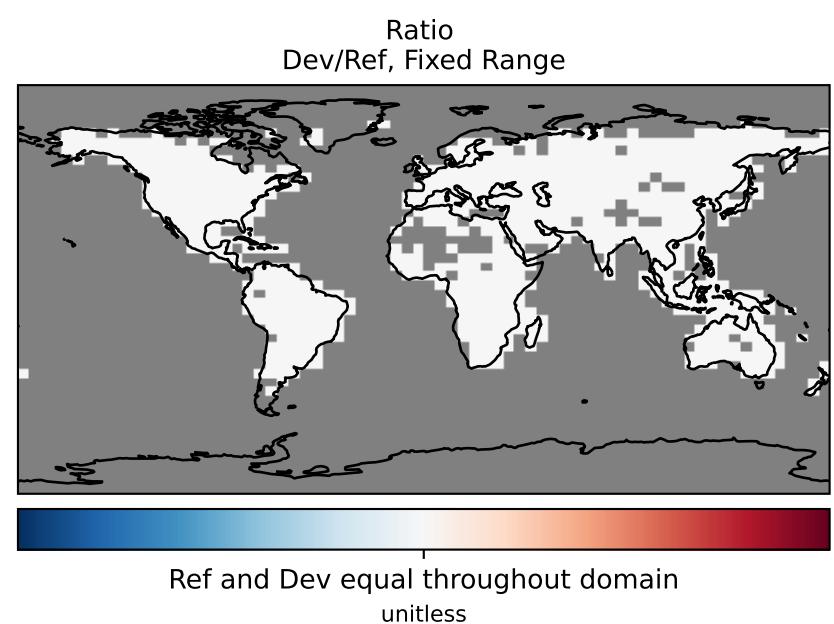
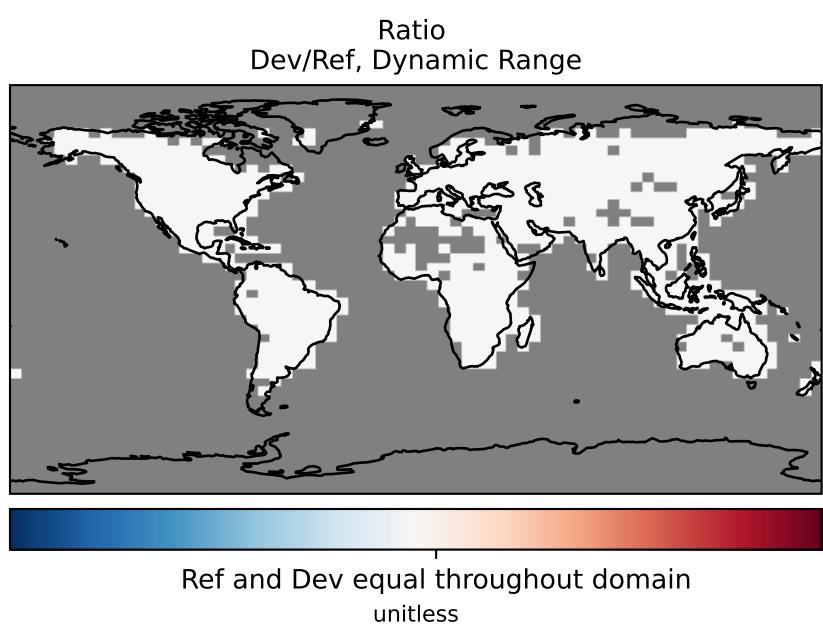
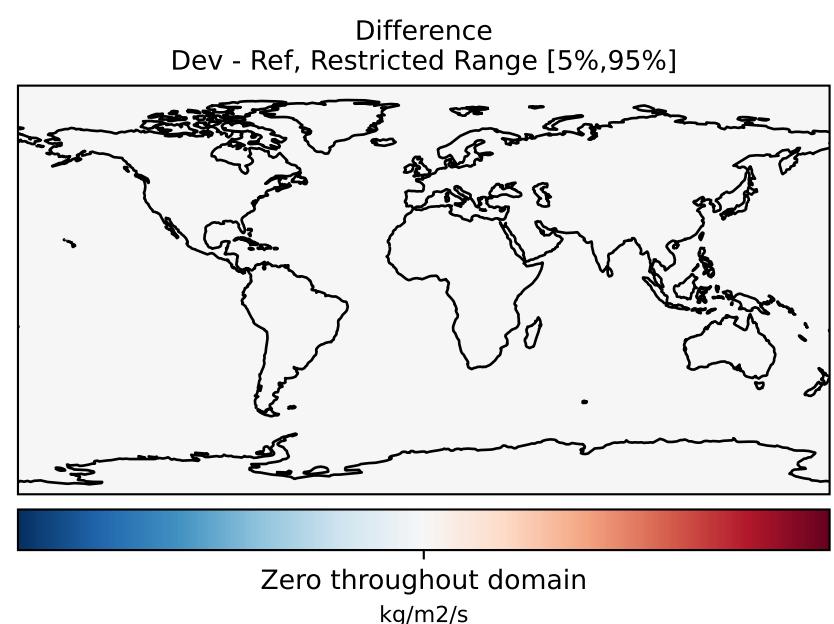
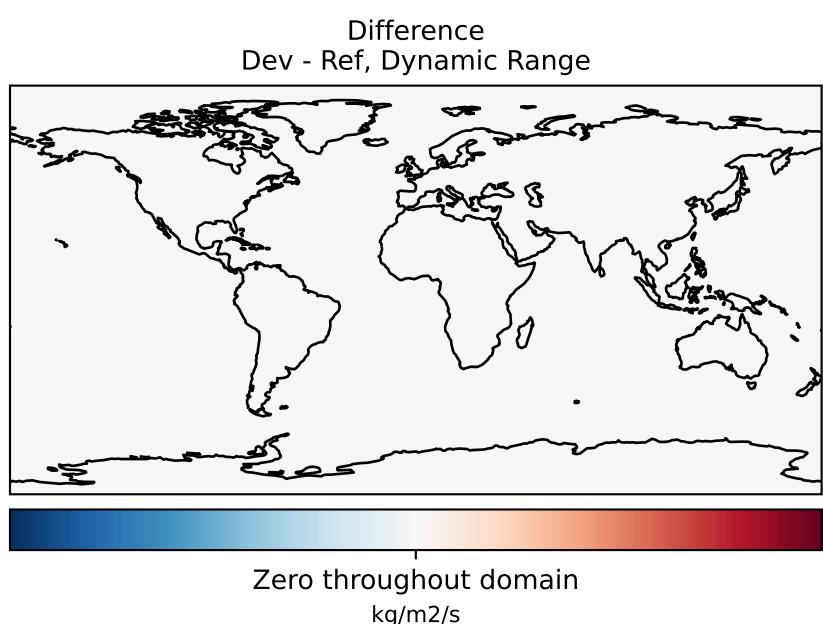
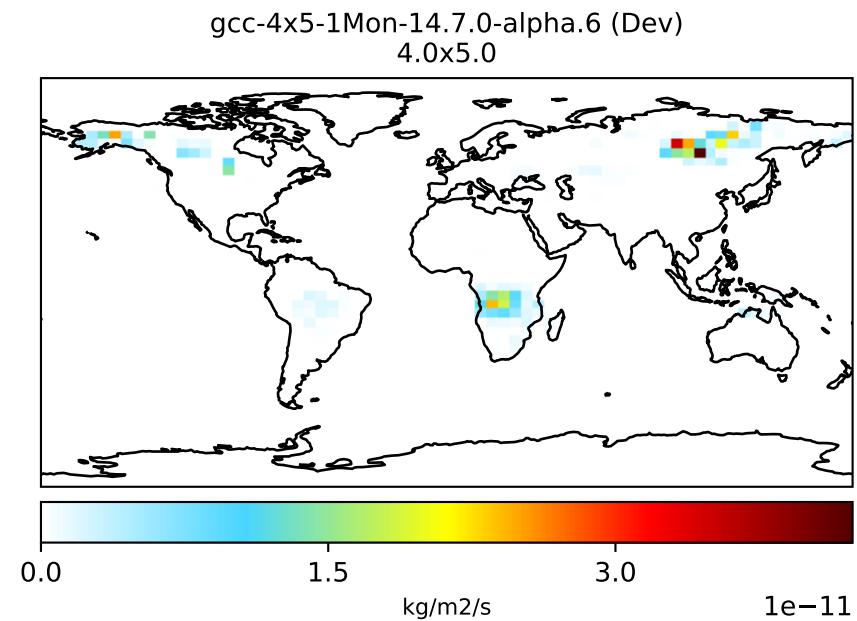
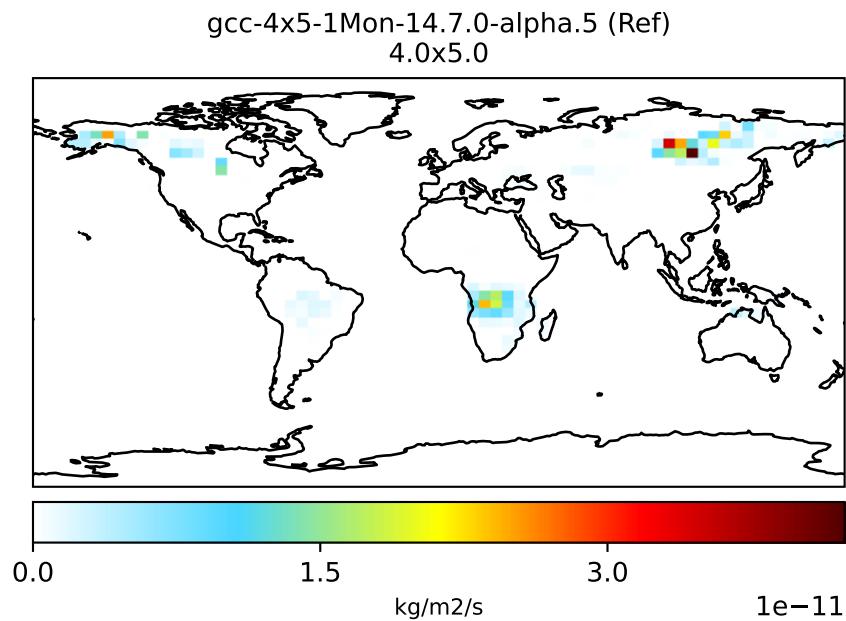
Ref and Dev equal throughout domain
unitless

Ratio
Dev/Ref, Fixed Range

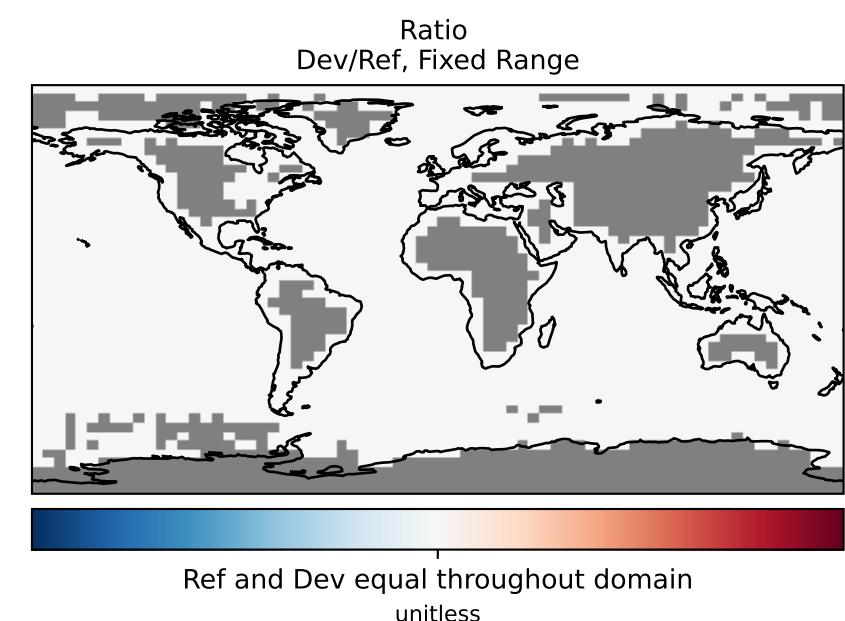
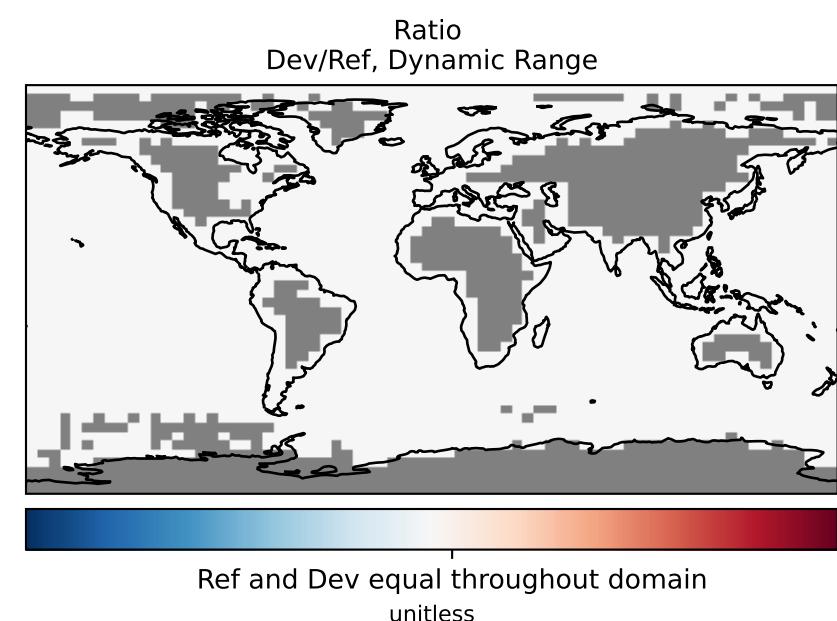
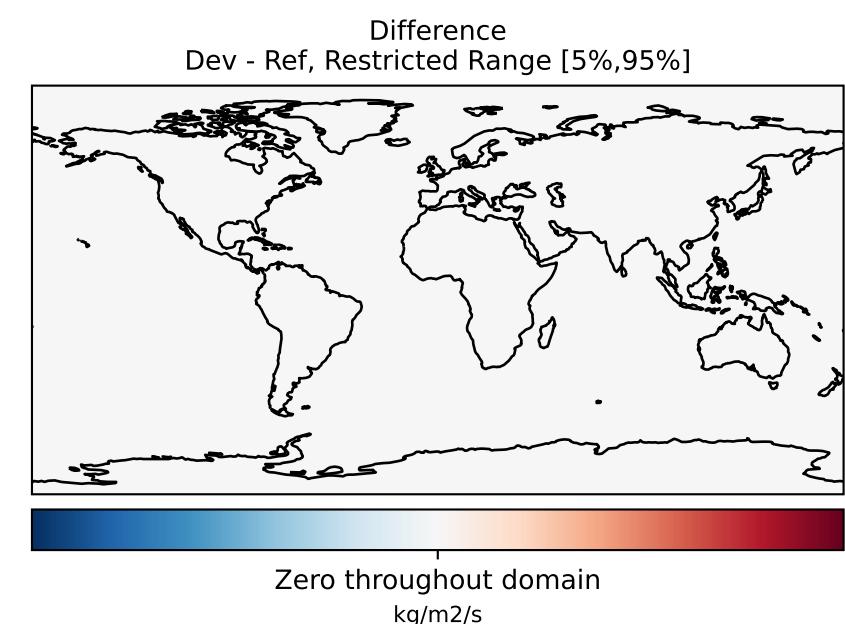
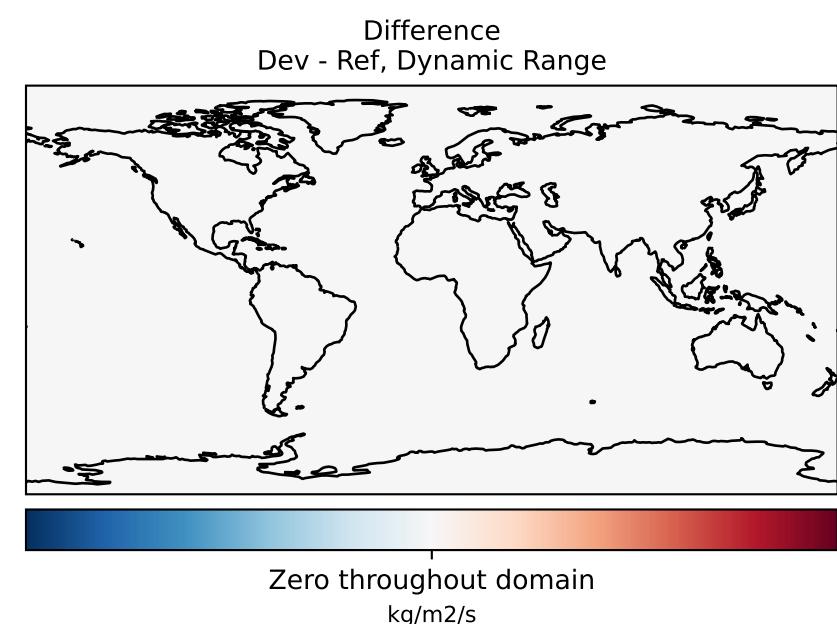
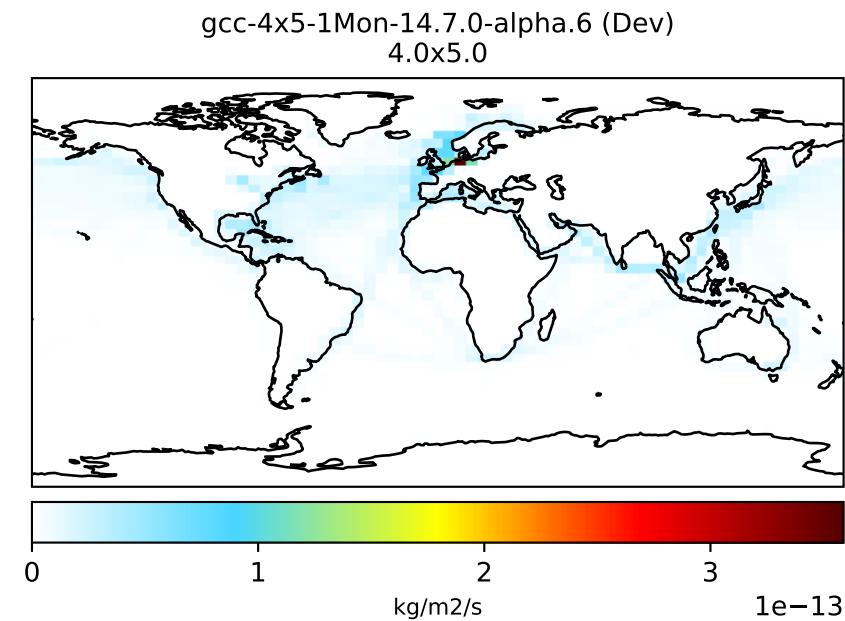
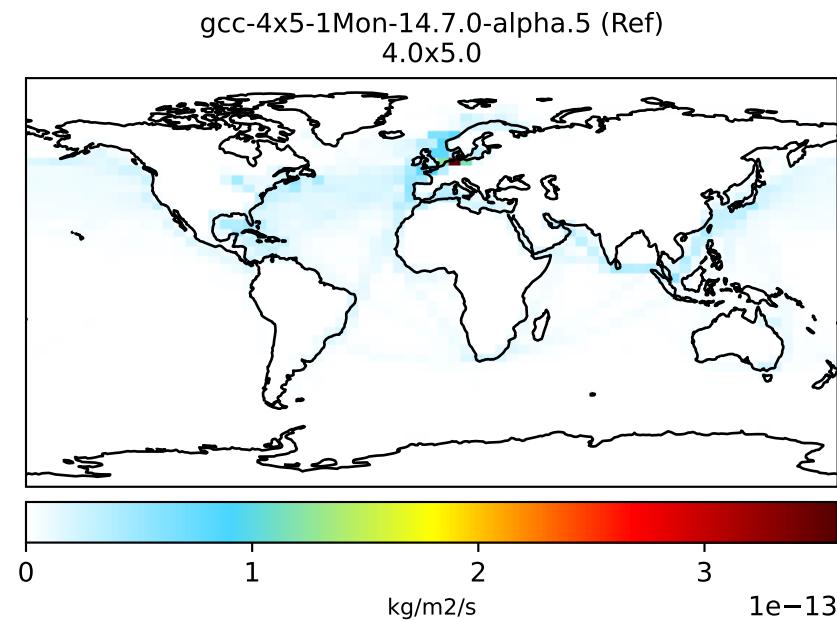


Ref and Dev equal throughout domain
unitless

EmisBCPO_BioBurn

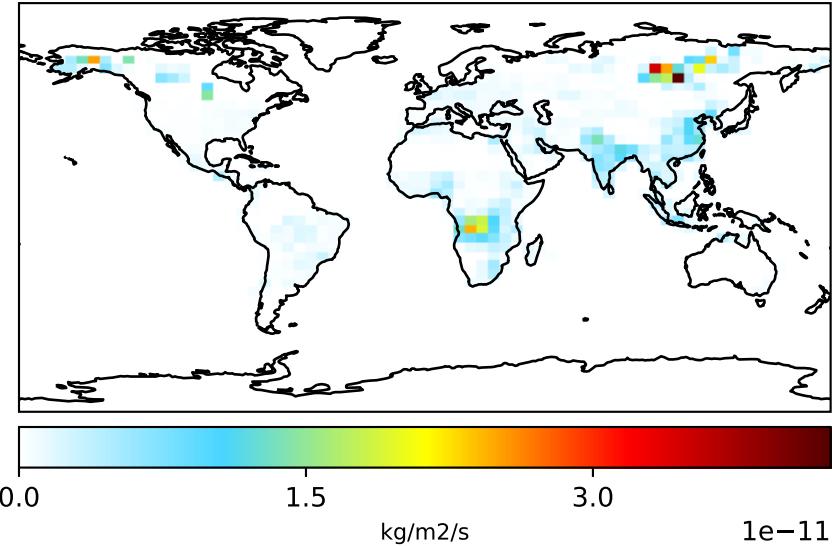


EmisBCPO_Ship

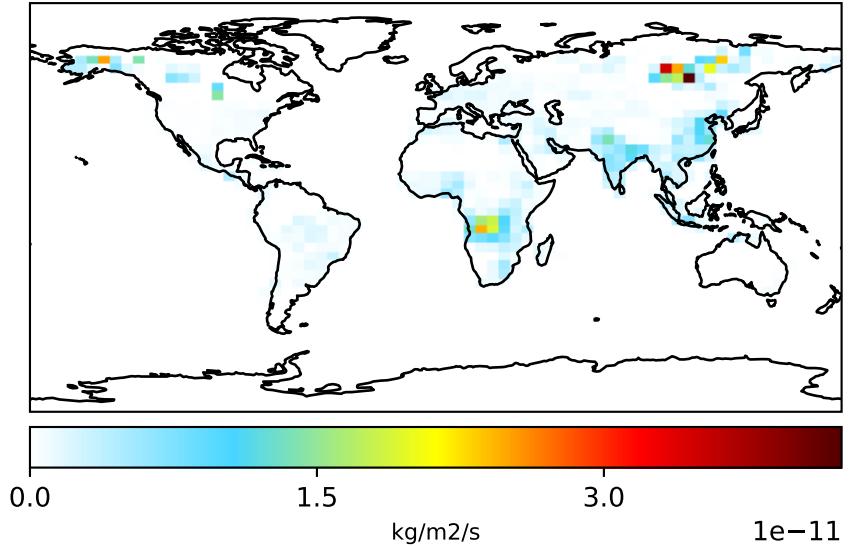


EmisBCPO_Total

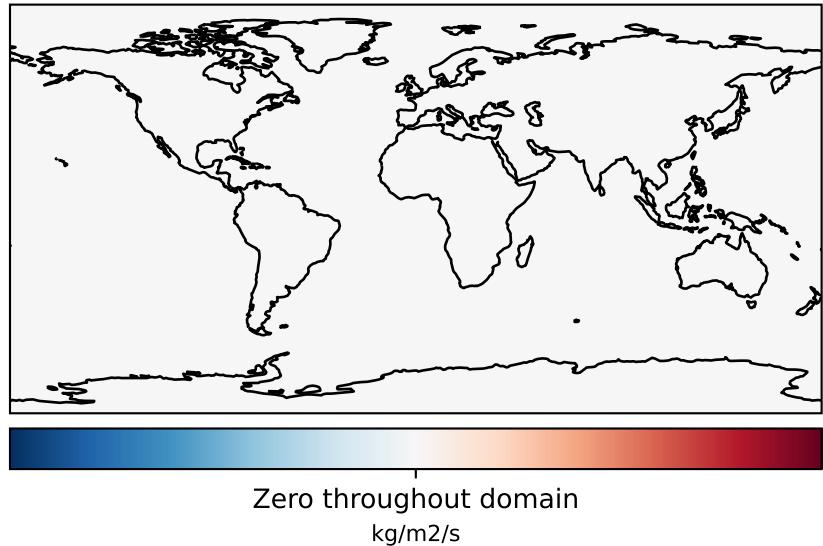
gcc-4x5-1Mon-14.7.0-alpha.5 (Ref)
4.0x5.0



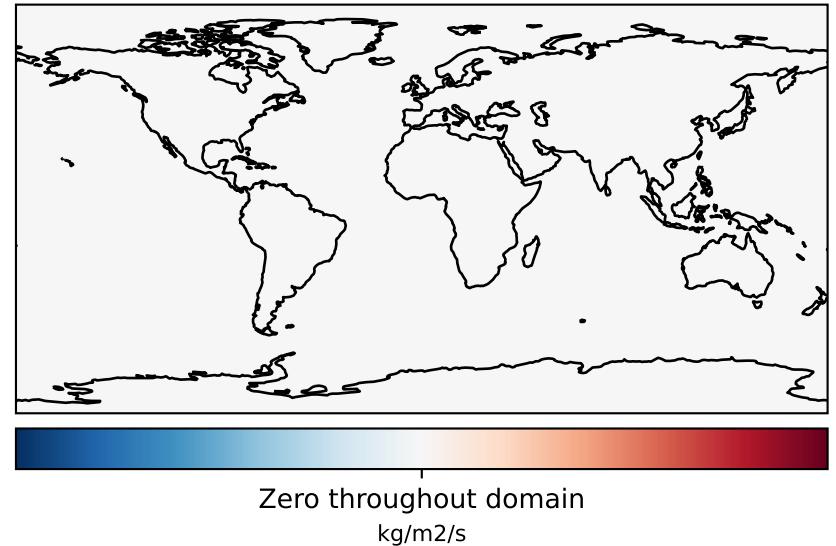
gcc-4x5-1Mon-14.7.0-alpha.6 (Dev)
4.0x5.0



Difference
Dev - Ref, Dynamic Range



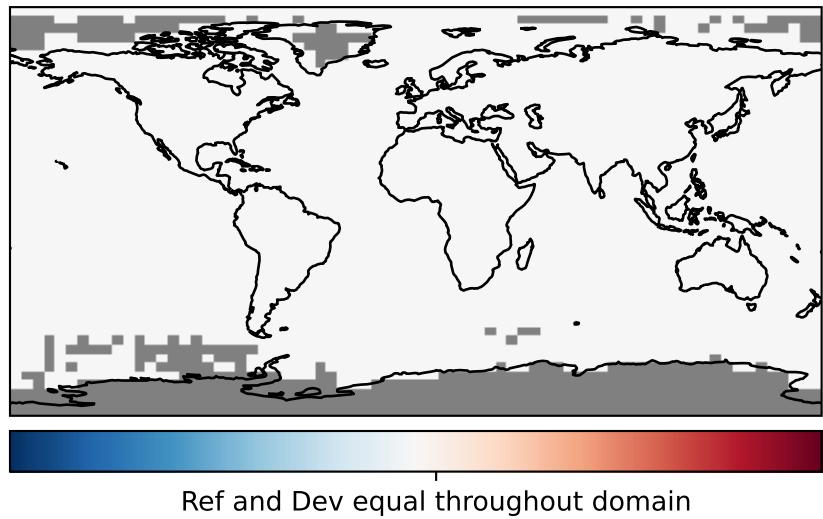
Difference
Dev - Ref, Restricted Range [5%, 95%]



Zero throughout domain
kg/m²/s

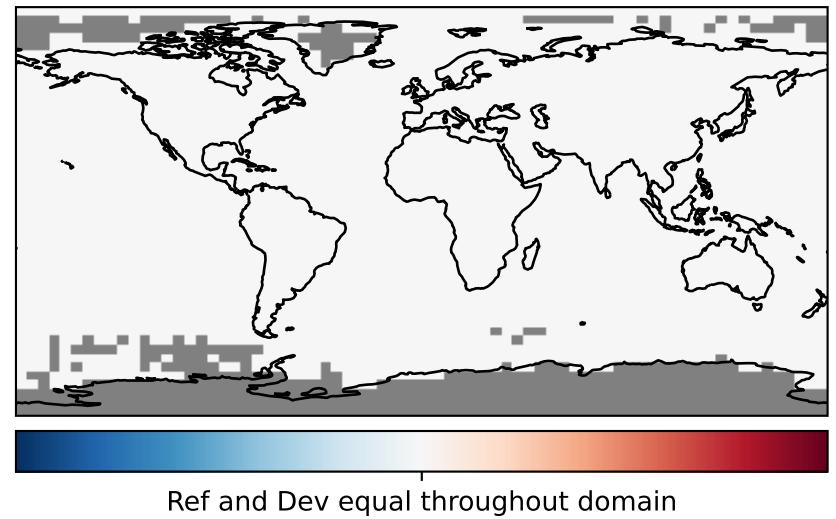
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



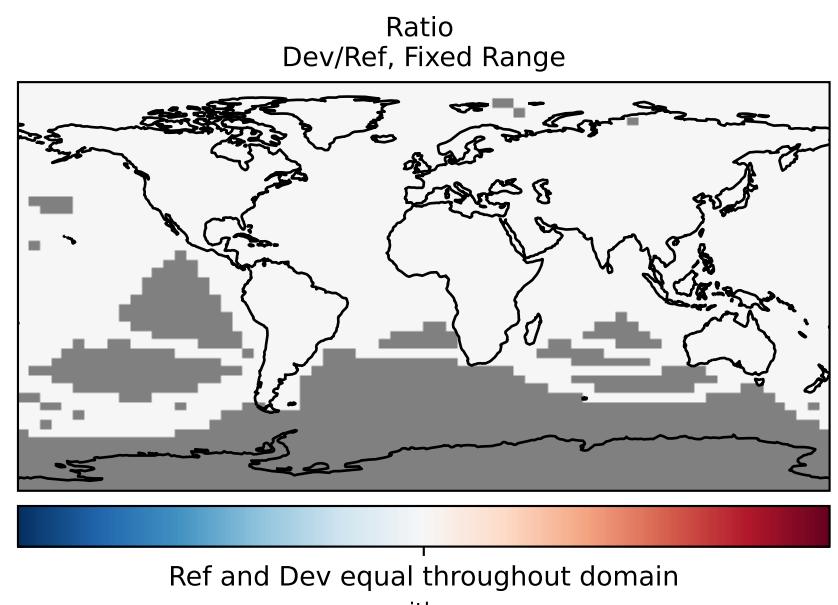
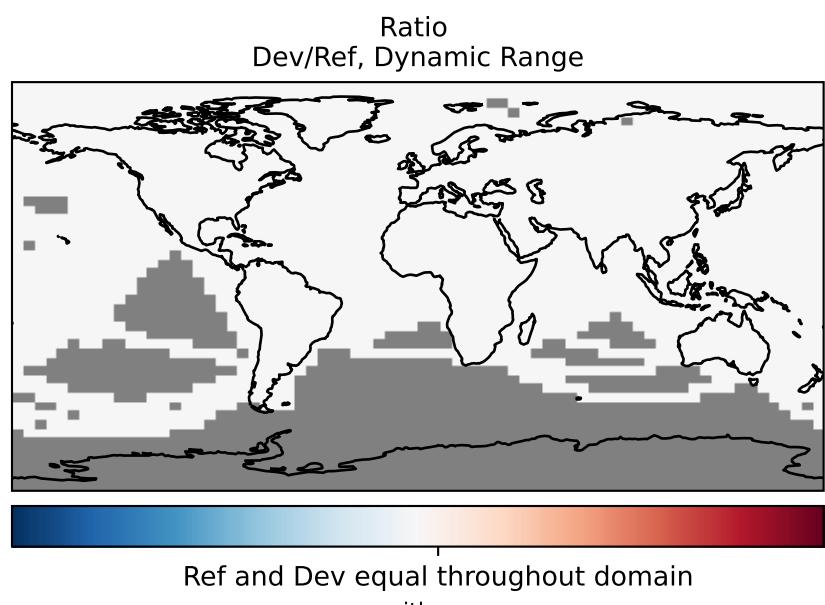
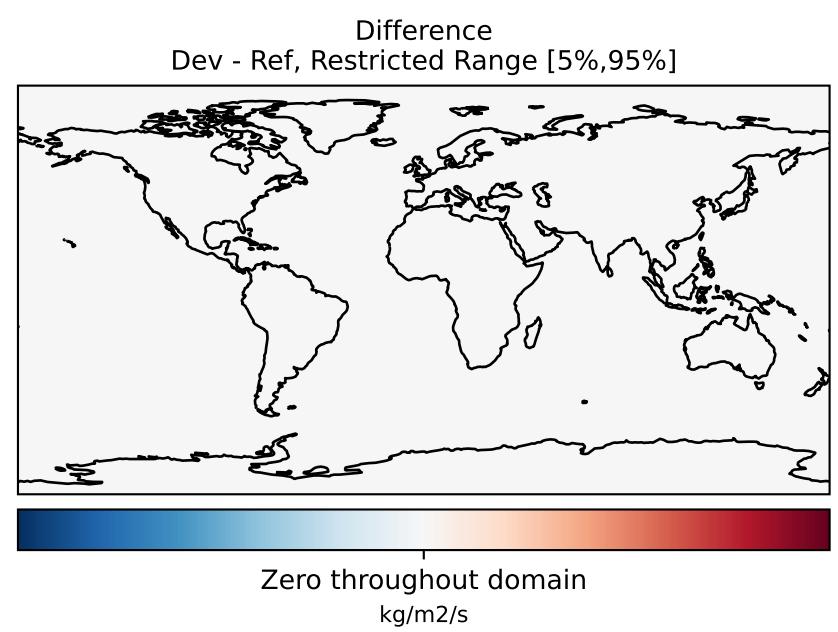
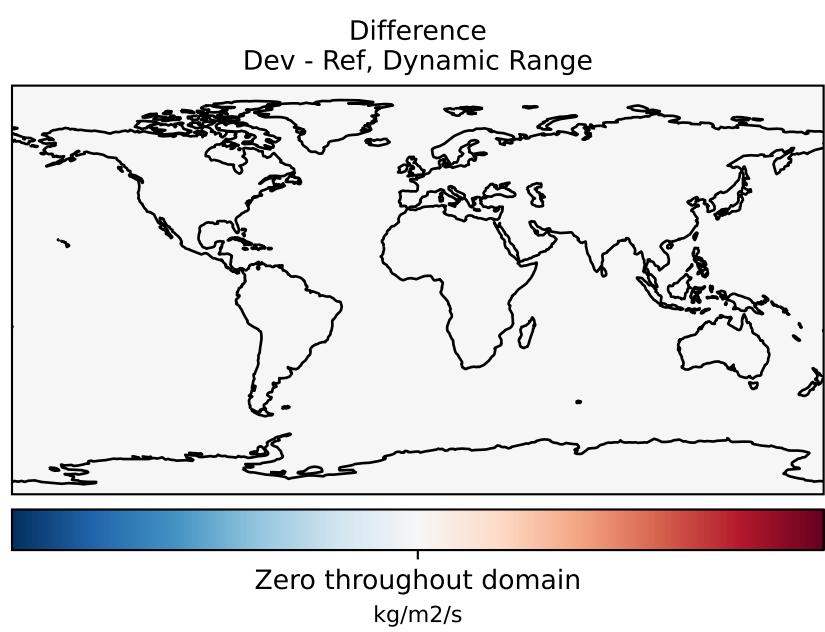
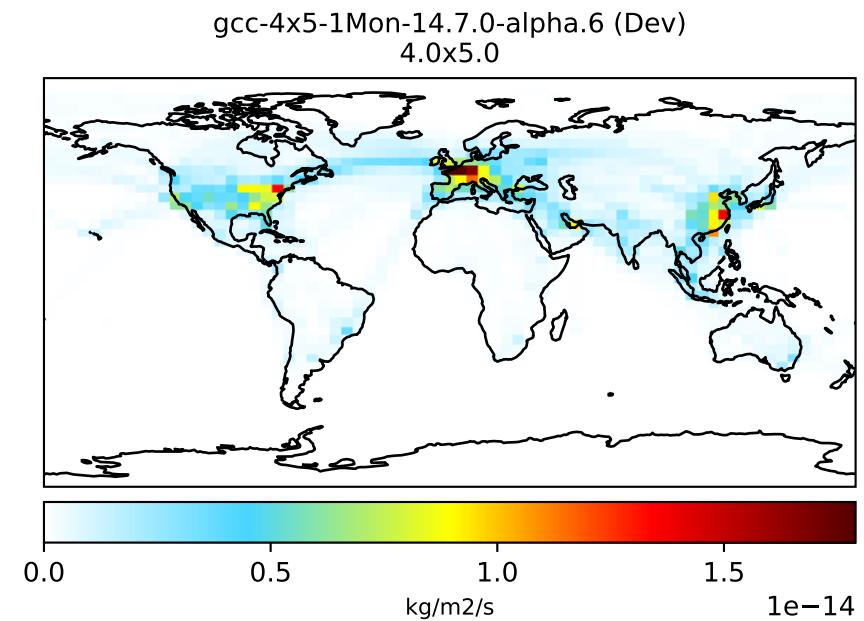
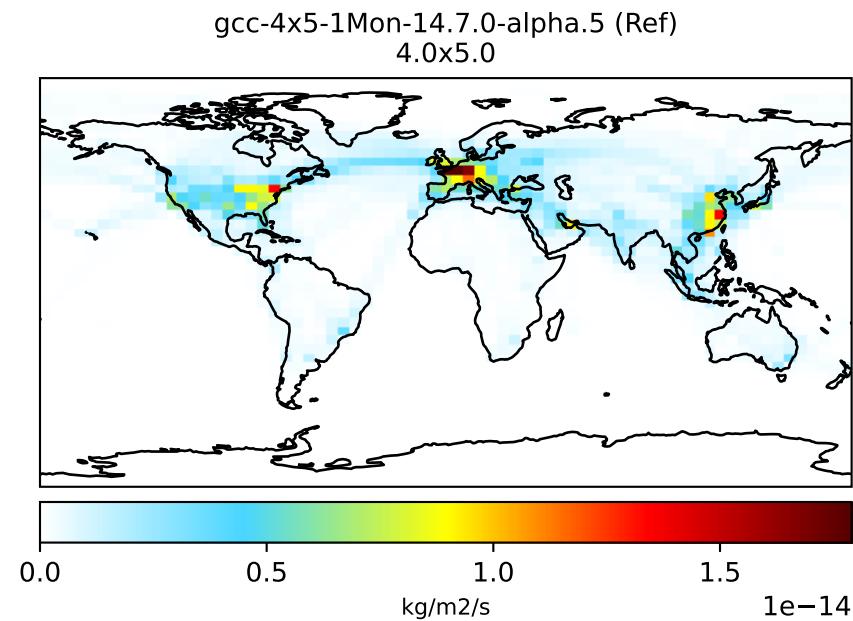
Ref and Dev equal throughout domain
unitless

Ratio
Dev/Ref, Fixed Range

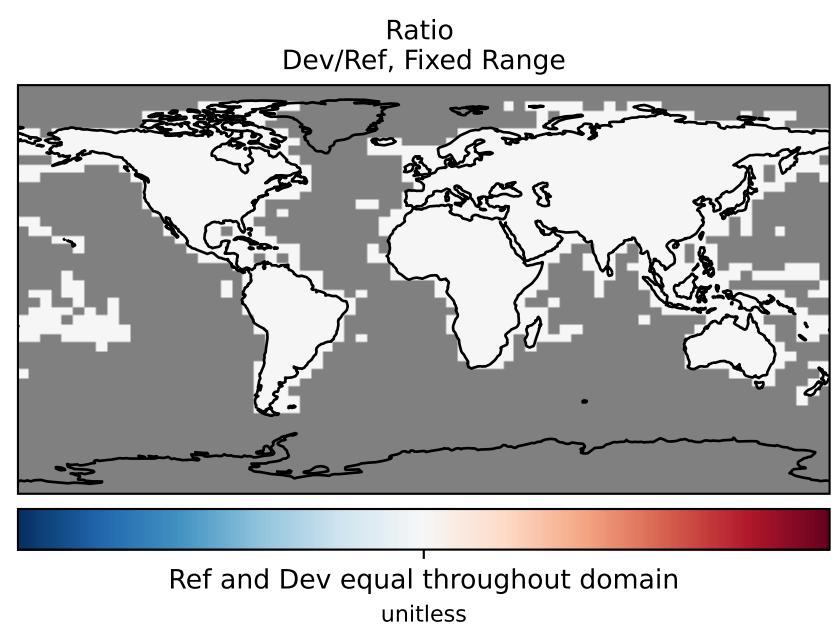
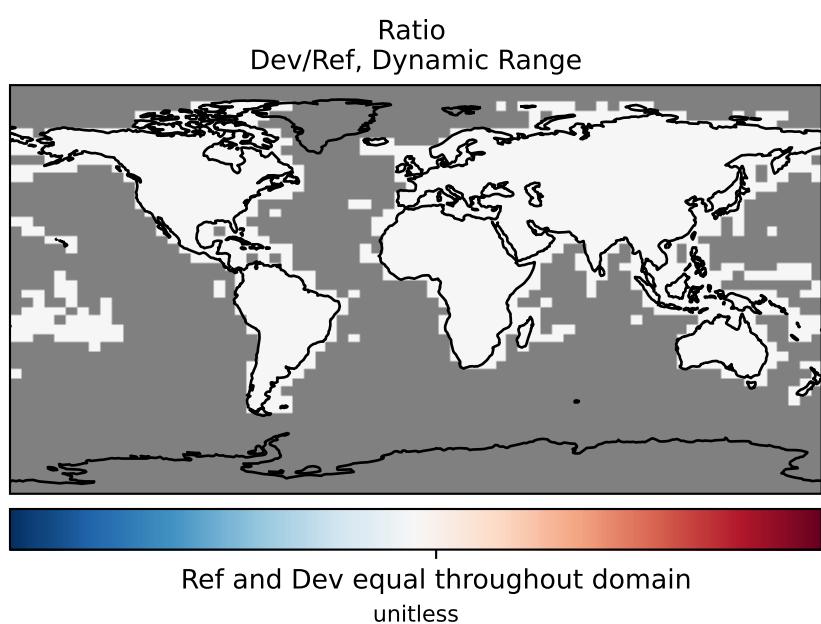
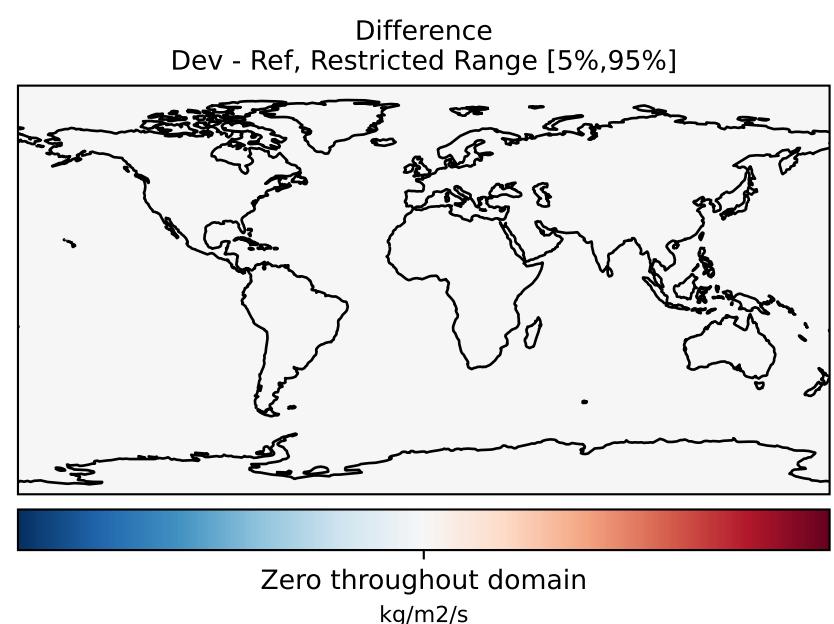
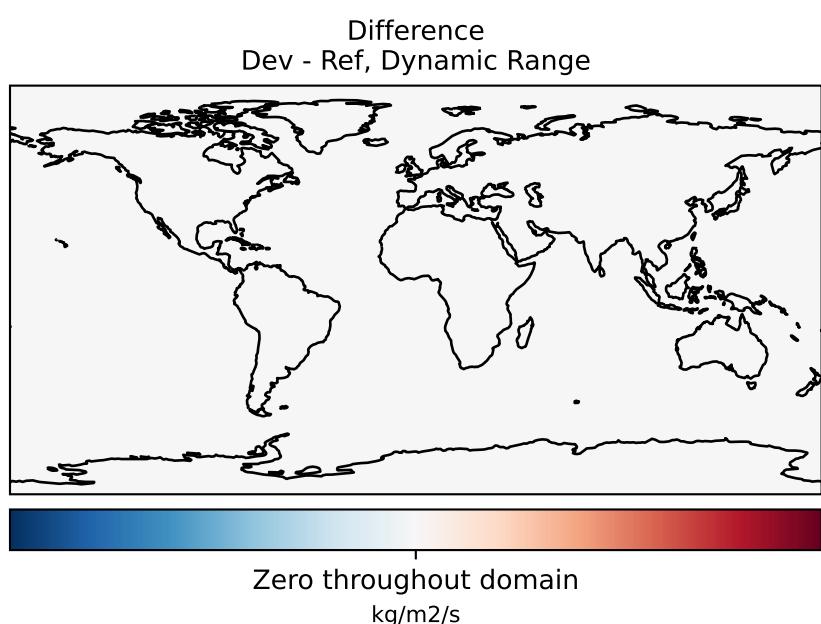
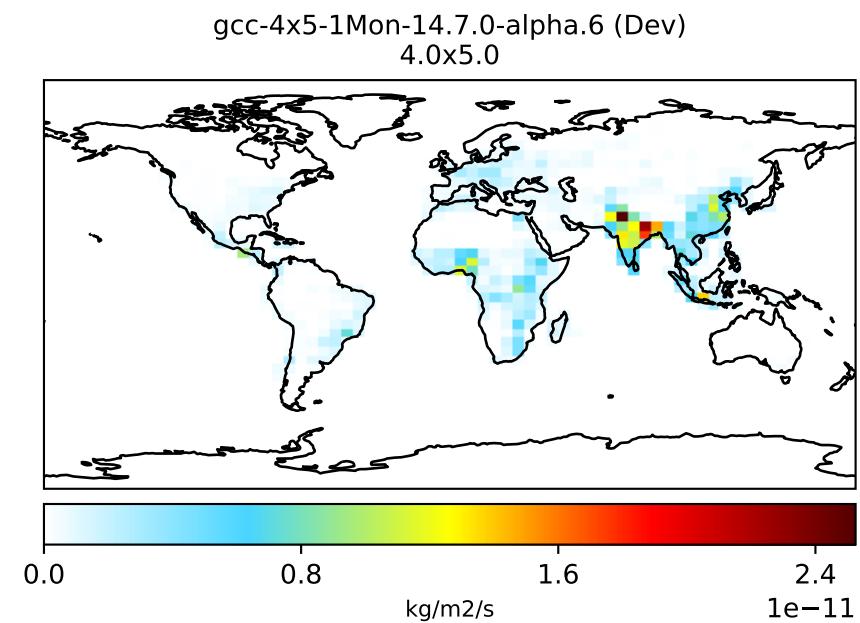
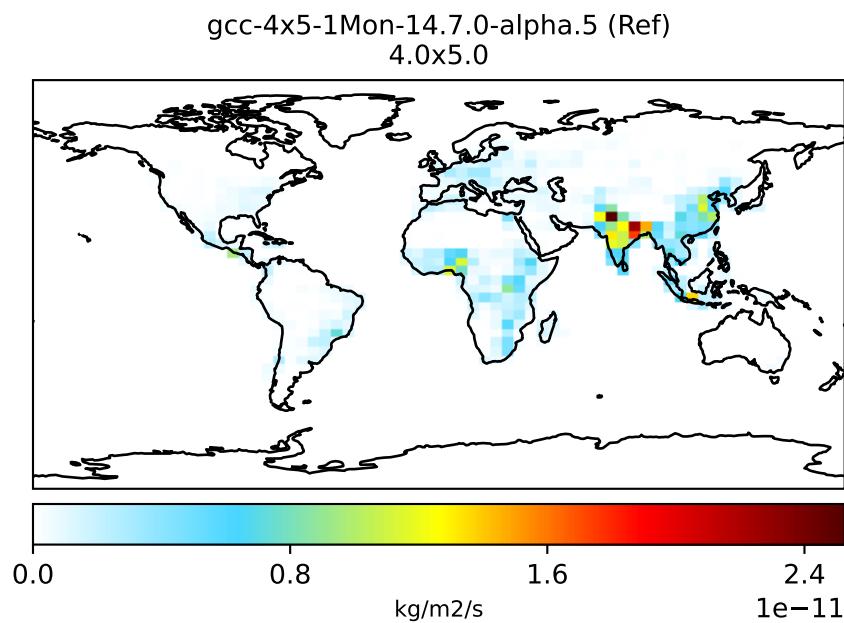


Ref and Dev equal throughout domain
unitless

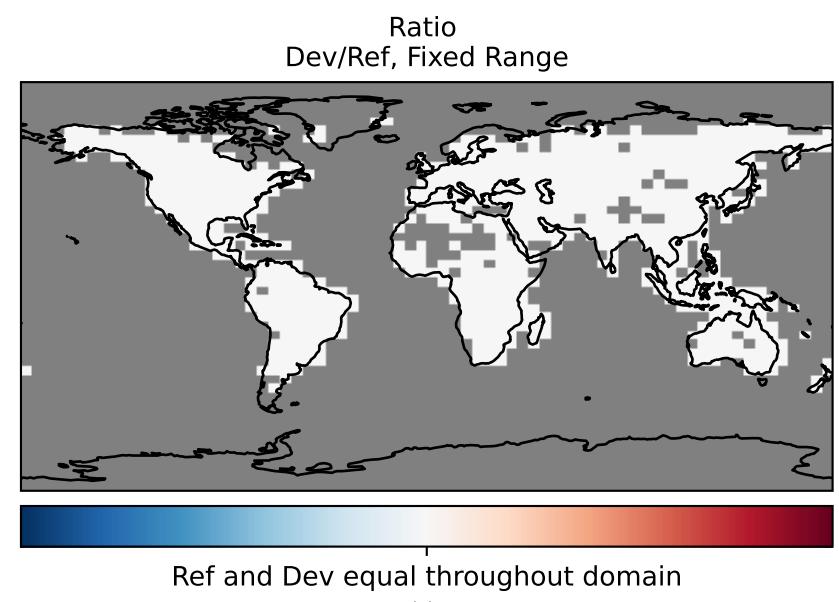
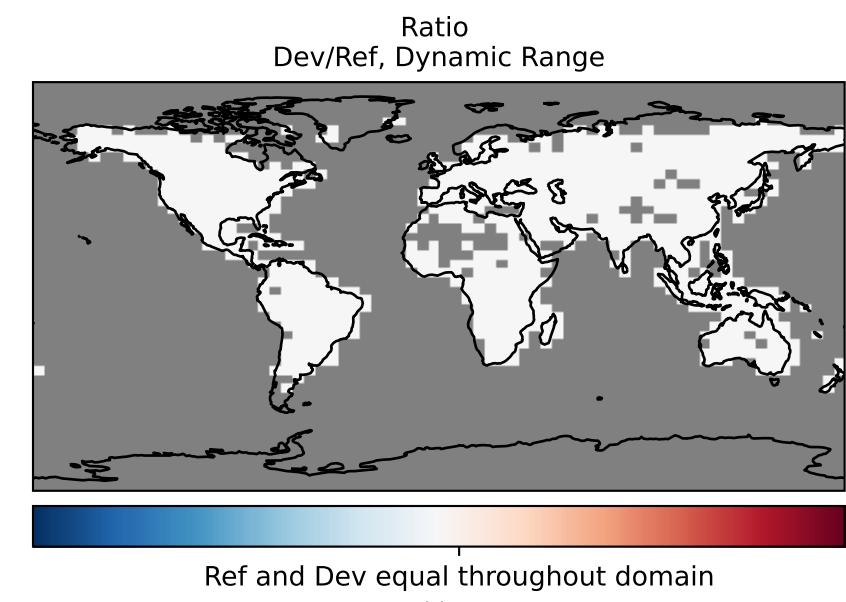
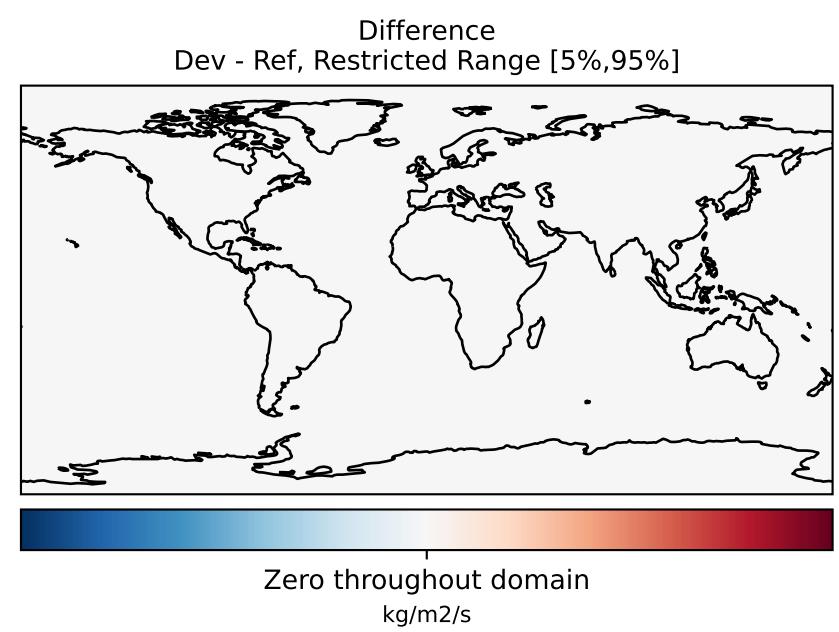
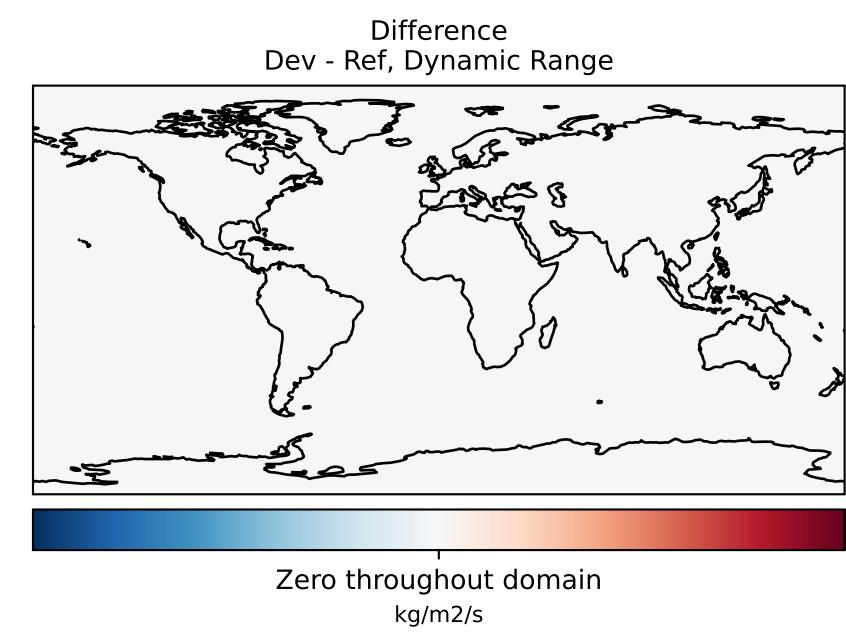
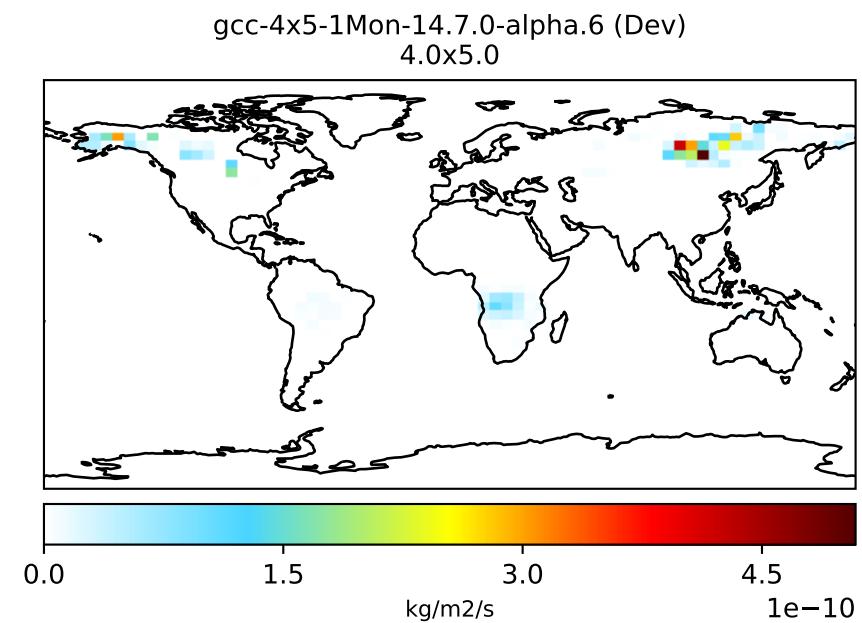
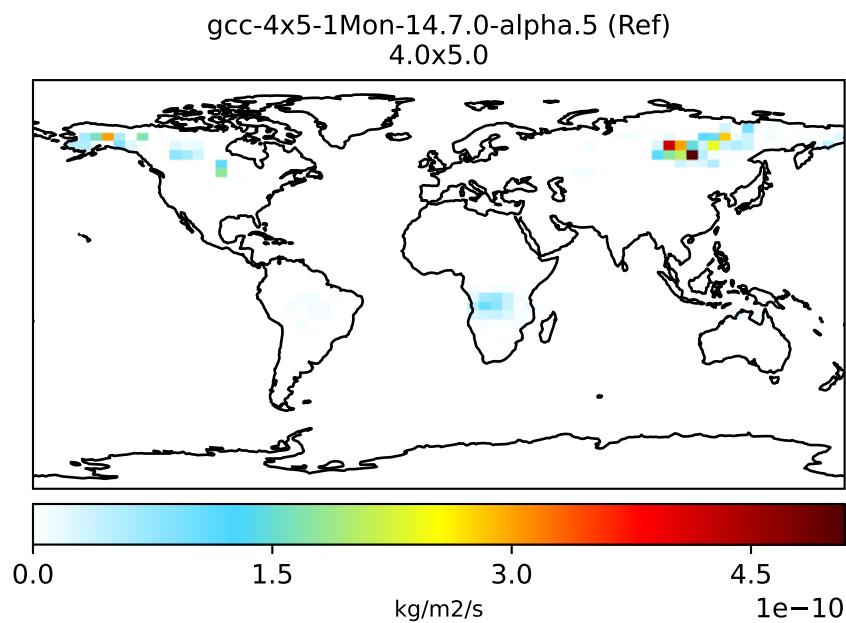
EmisOCPI_Aircraft



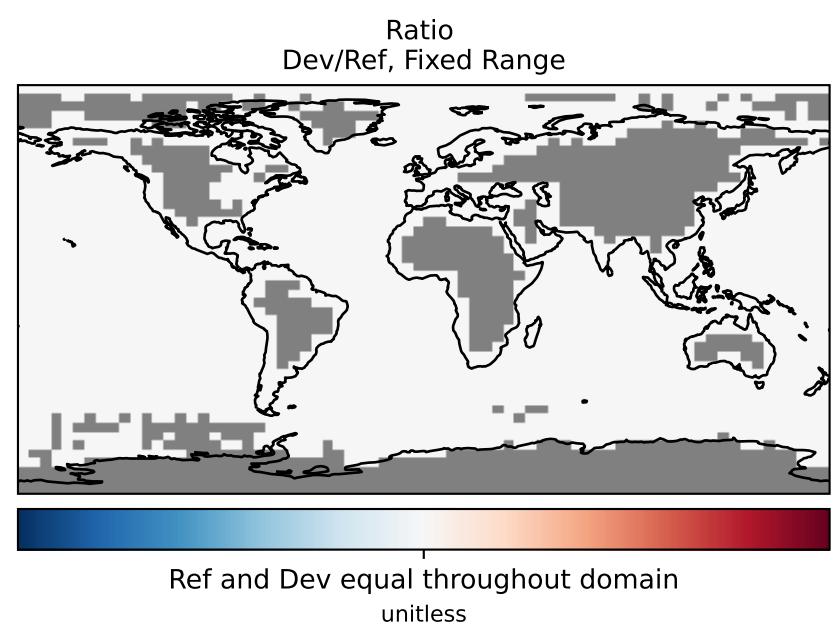
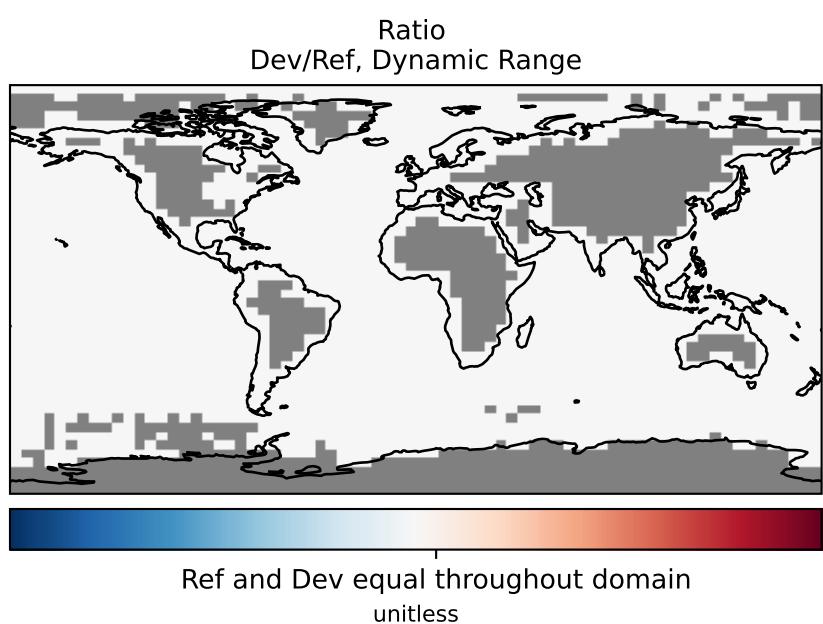
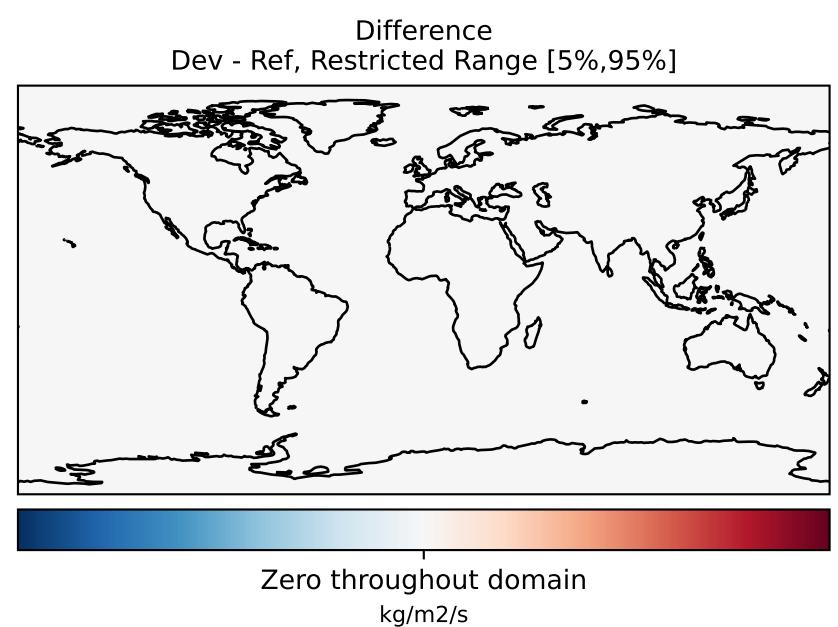
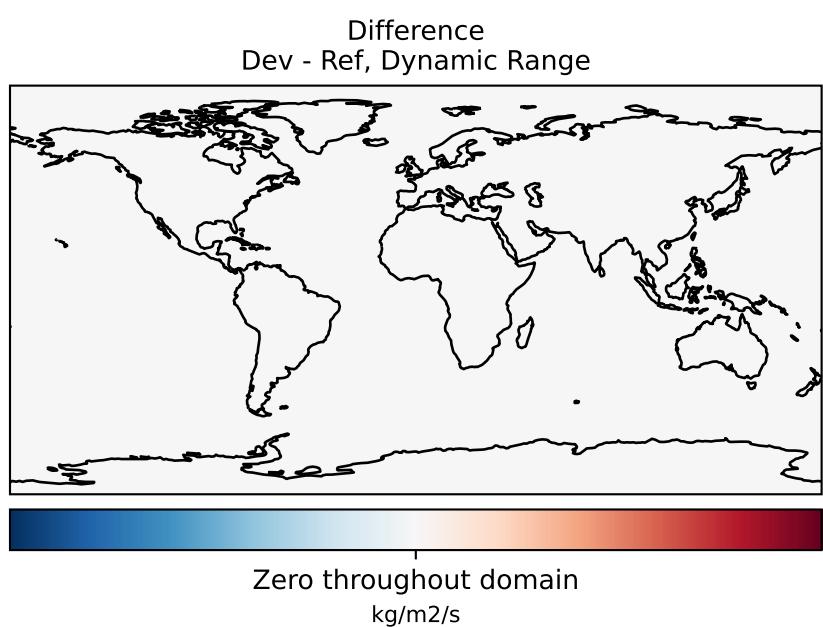
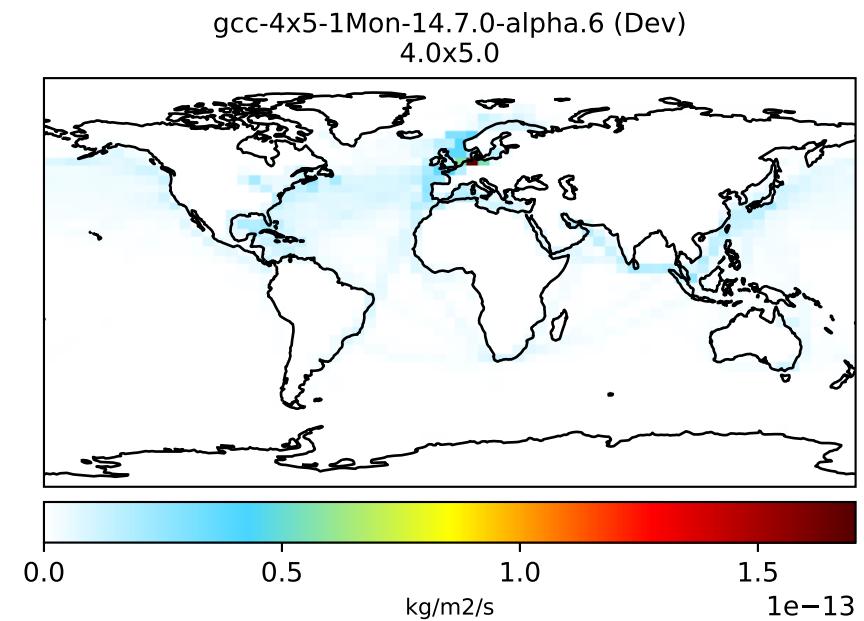
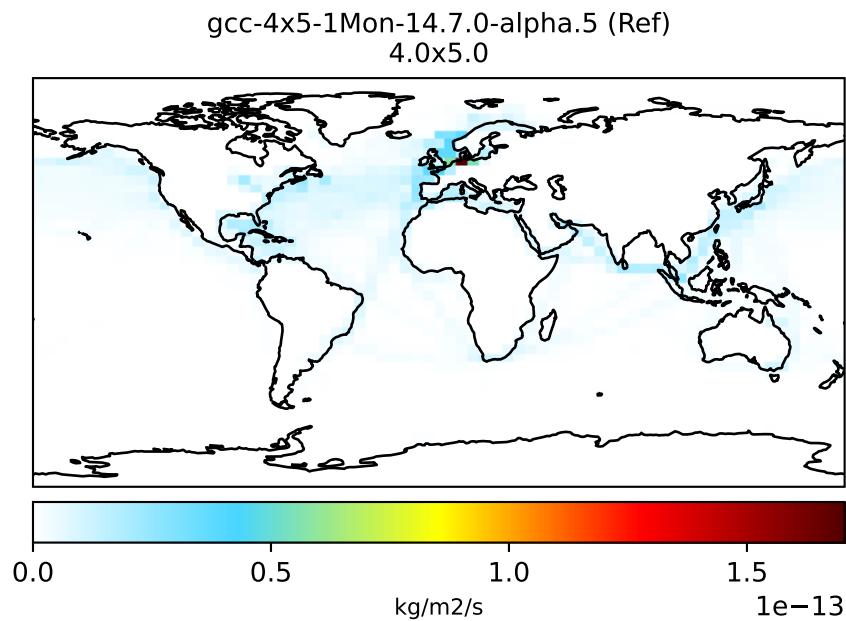
EmisOCPI_Anthro



EmisOCPI_BioBurn

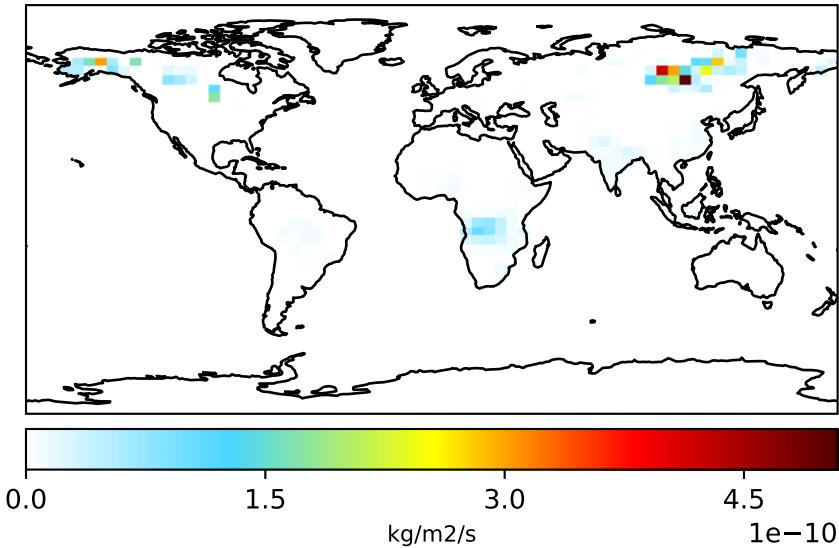


EmisOCPI_Ship

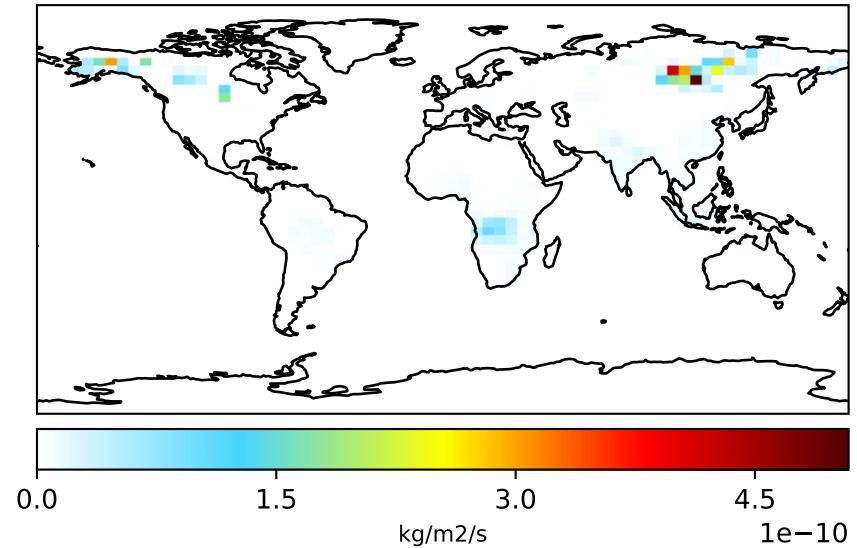


EmisOCPI_Total

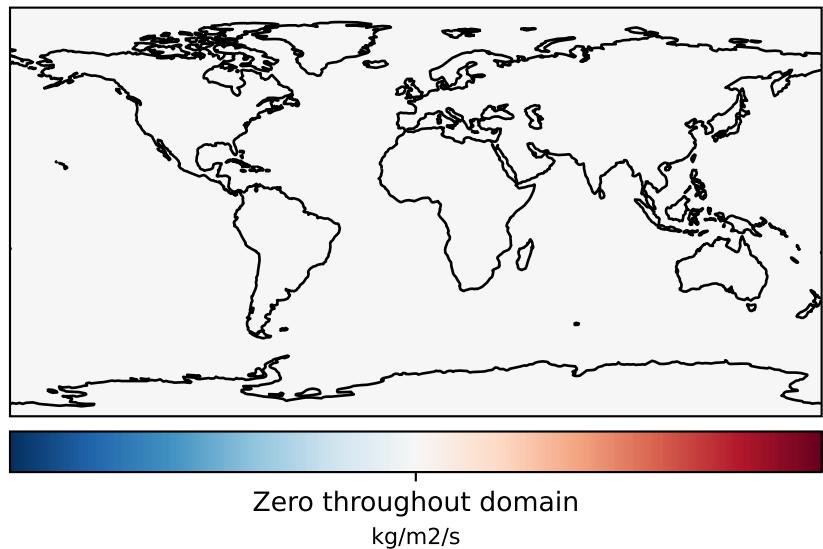
gcc-4x5-1Mon-14.7.0-alpha.5 (Ref)
4.0x5.0



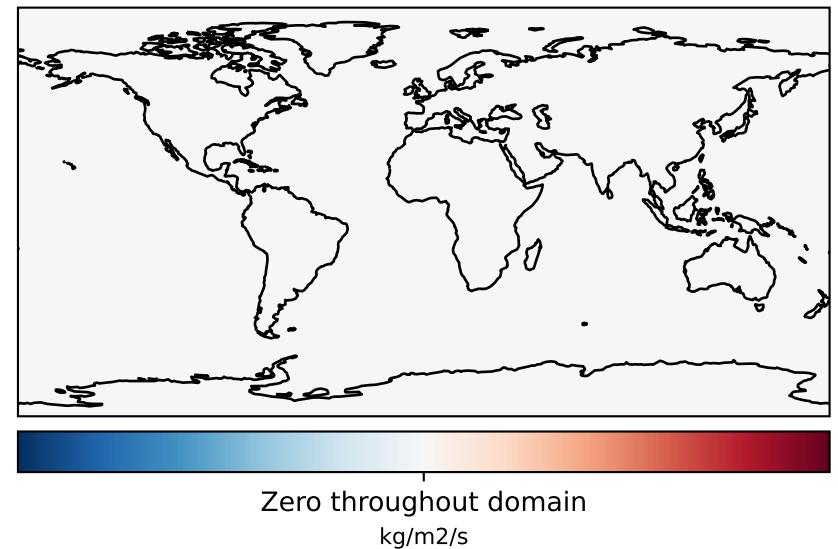
gcc-4x5-1Mon-14.7.0-alpha.6 (Dev)
4.0x5.0



Difference
Dev - Ref, Dynamic Range



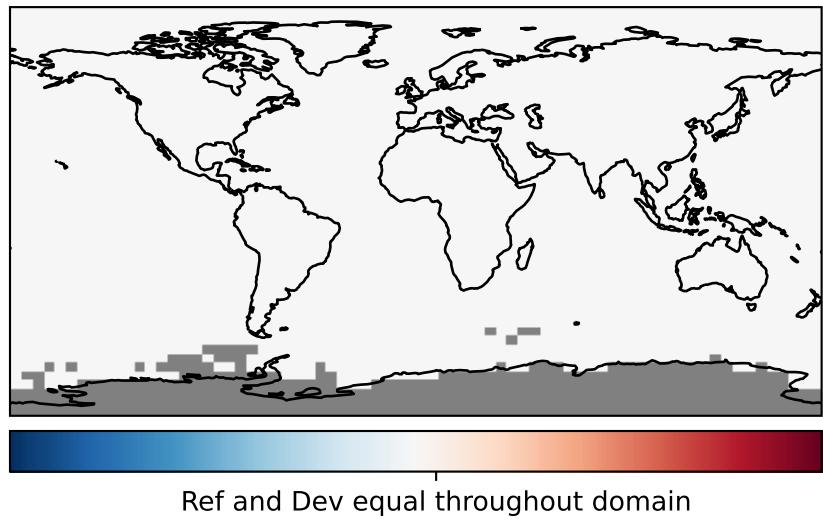
Difference
Dev - Ref, Restricted Range [5%, 95%]



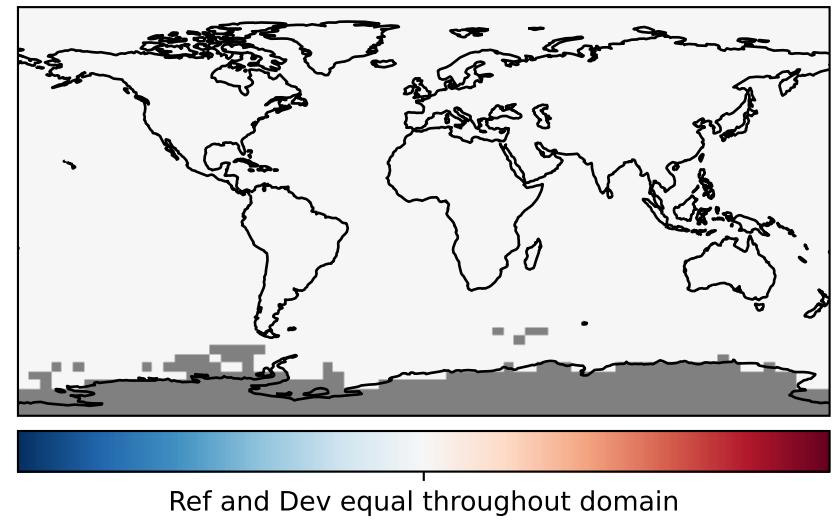
Zero throughout domain
kg/m2/s

Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

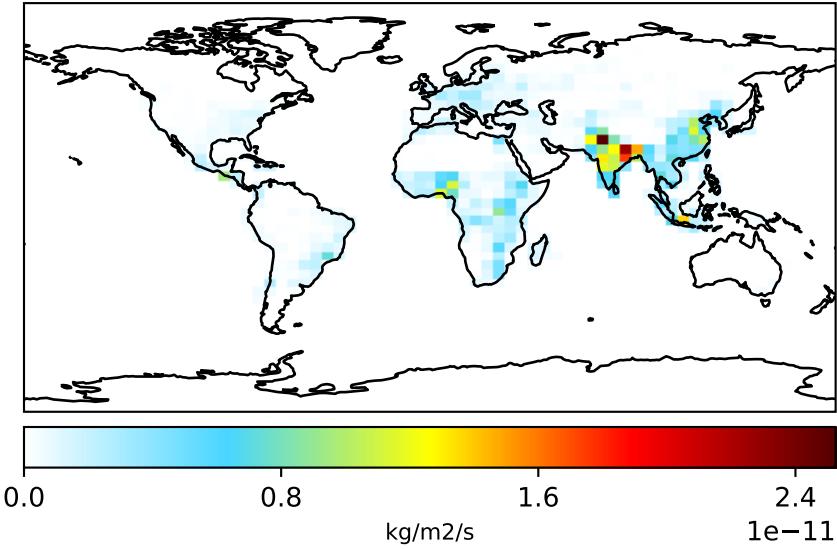


Ref and Dev equal throughout domain
unitless

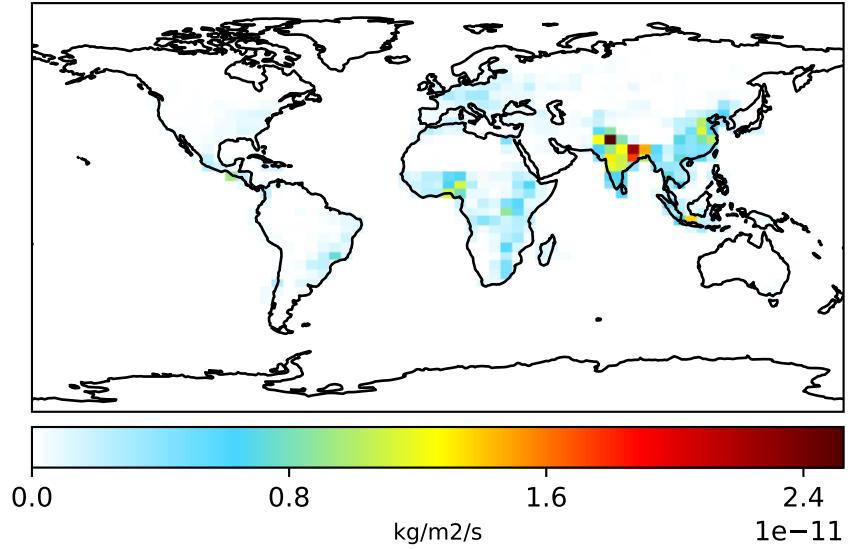
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unitless

EmisOCPO_Anthro

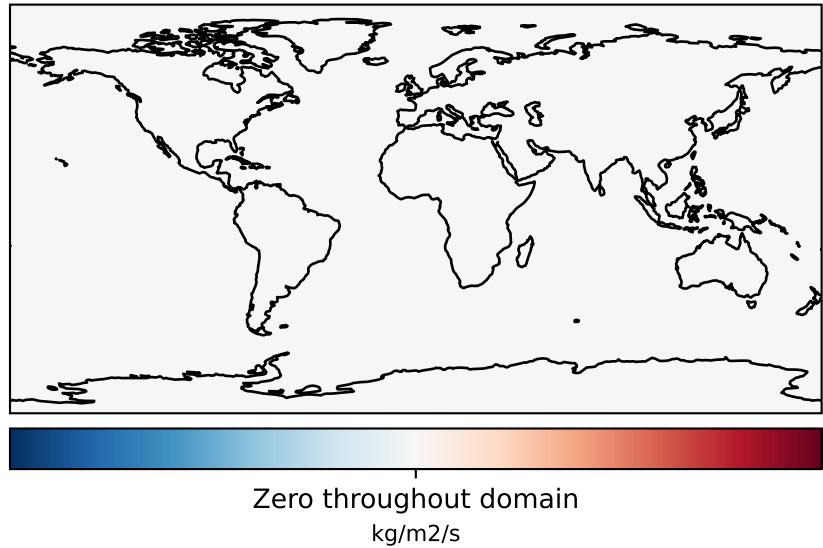
gcc-4x5-1Mon-14.7.0-alpha.5 (Ref)
4.0x5.0



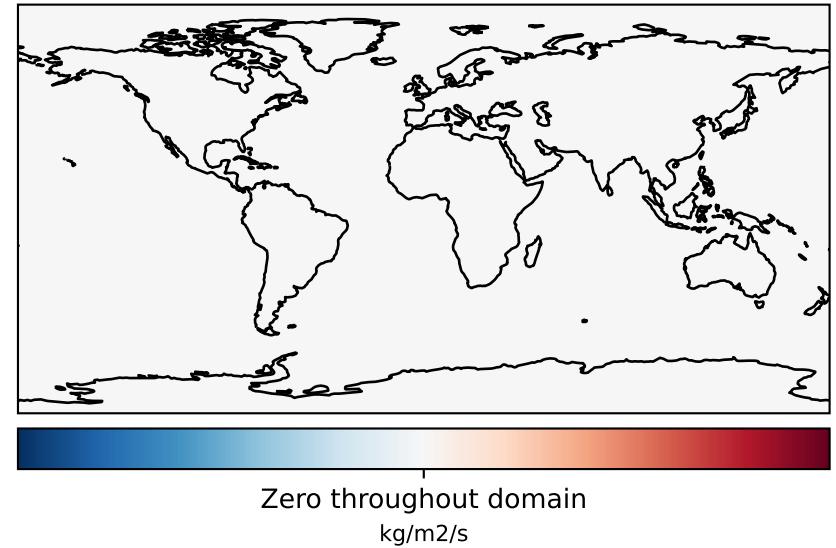
gcc-4x5-1Mon-14.7.0-alpha.6 (Dev)
4.0x5.0



Difference
Dev - Ref, Dynamic Range



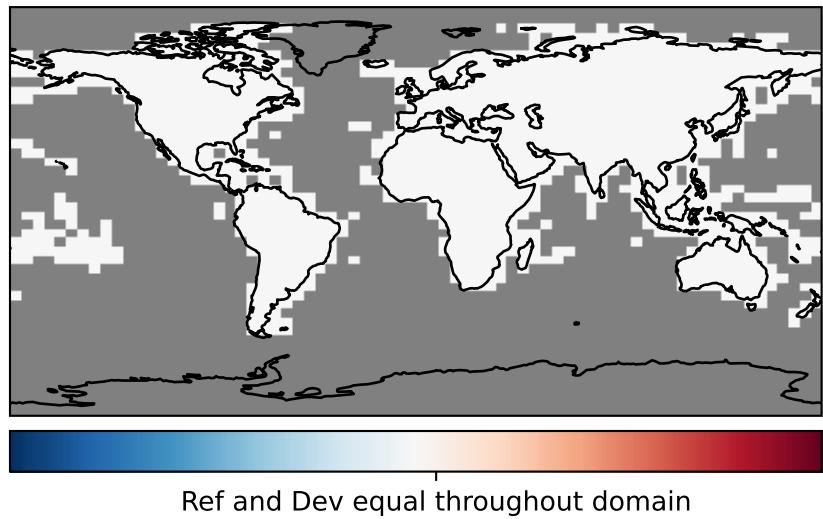
Difference
Dev - Ref, Restricted Range [5%, 95%]



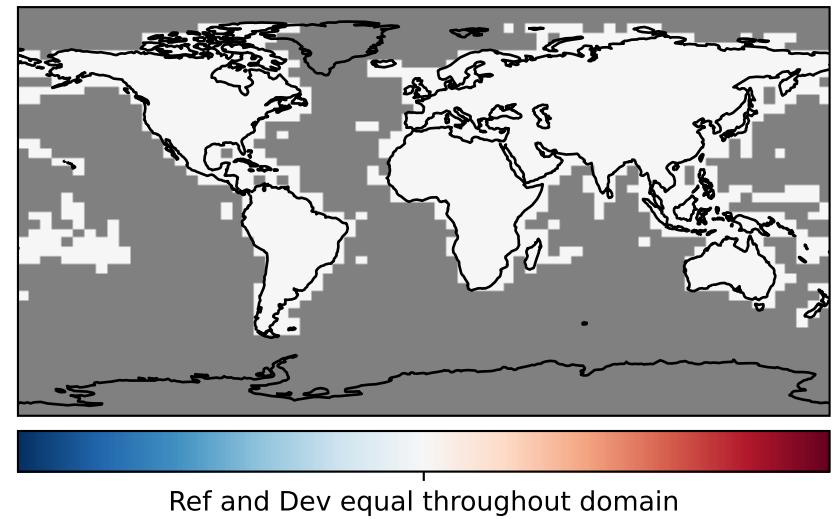
Zero throughout domain
kg/m²/s

Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

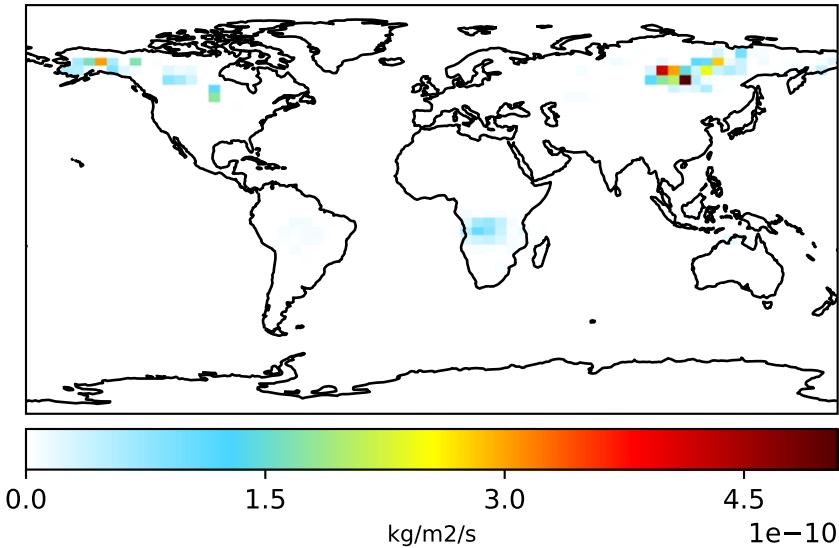


Ref and Dev equal throughout domain
unitless

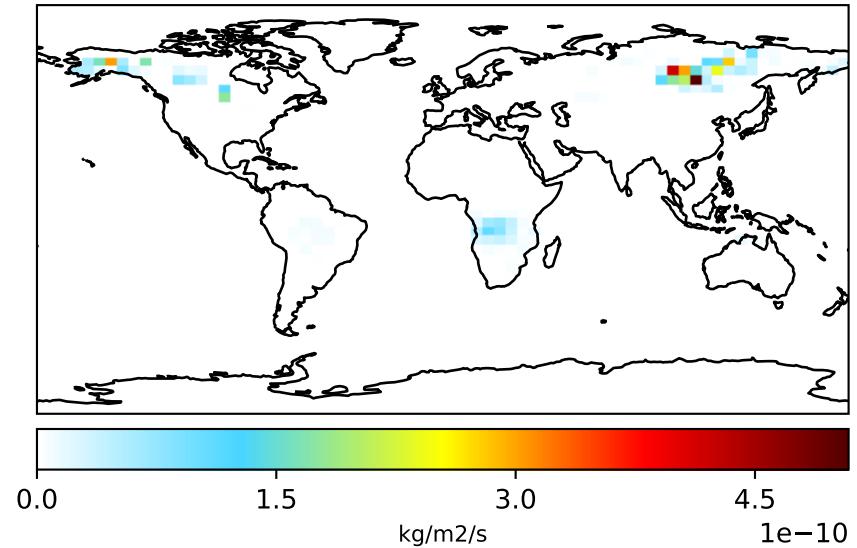
Ref and Dev equal throughout domain
unitless

EmisOCPO_BioBurn

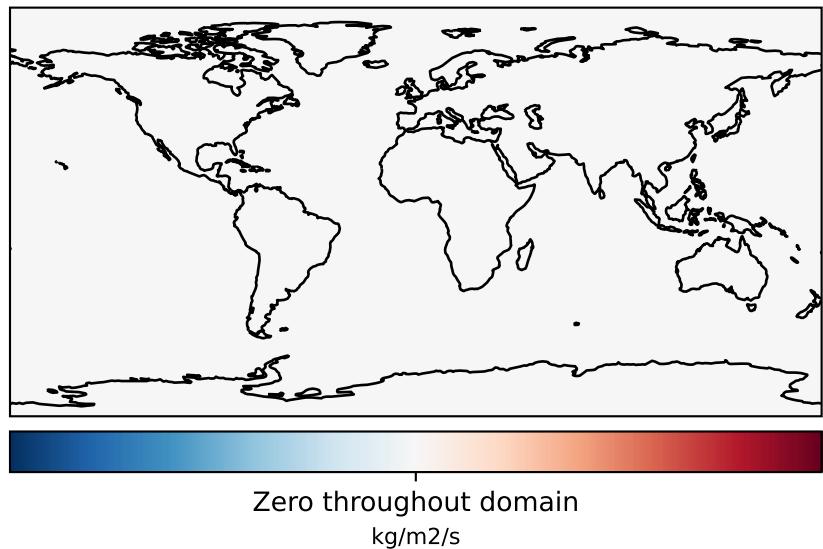
gcc-4x5-1Mon-14.7.0-alpha.5 (Ref)
4.0x5.0



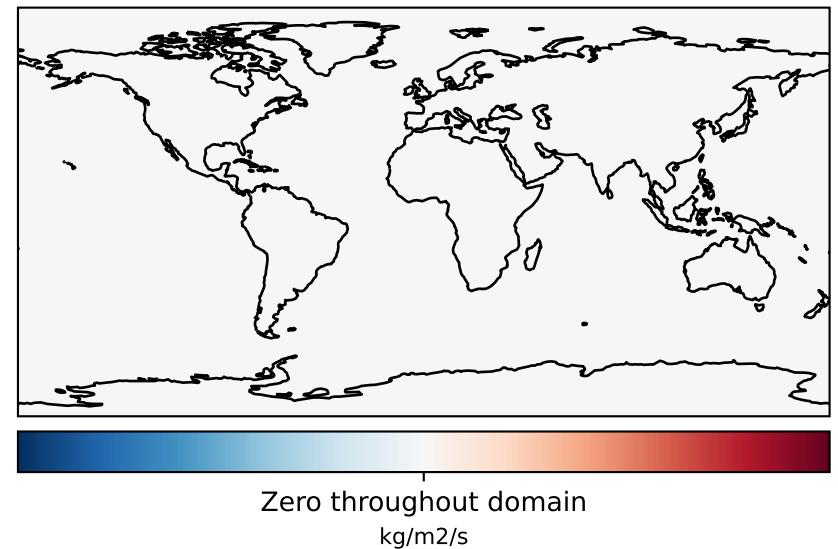
gcc-4x5-1Mon-14.7.0-alpha.6 (Dev)
4.0x5.0



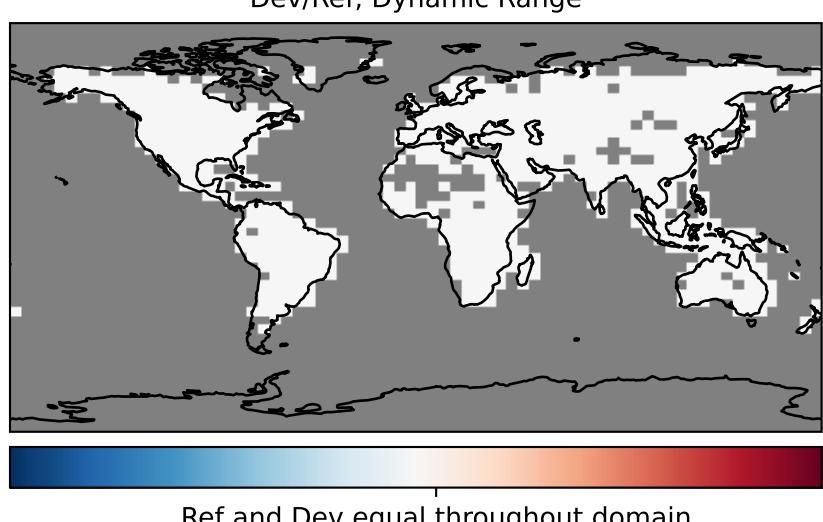
Difference
Dev - Ref, Dynamic Range



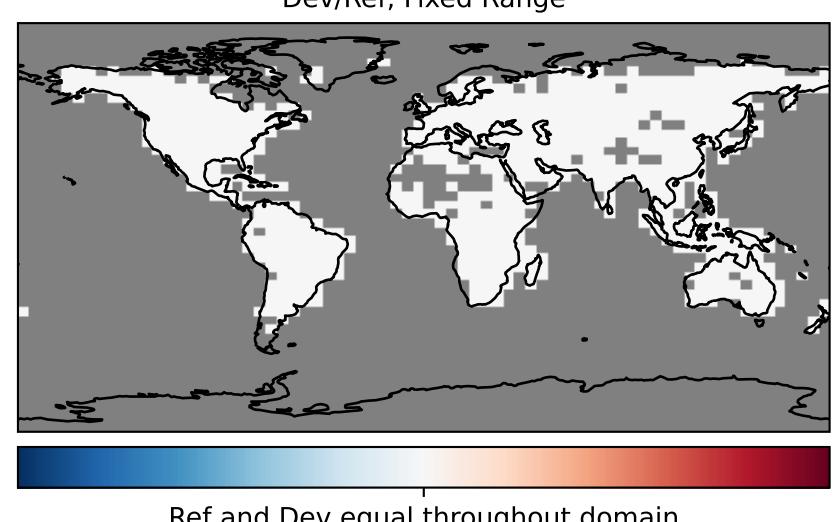
Difference
Dev - Ref, Restricted Range [5%, 95%]



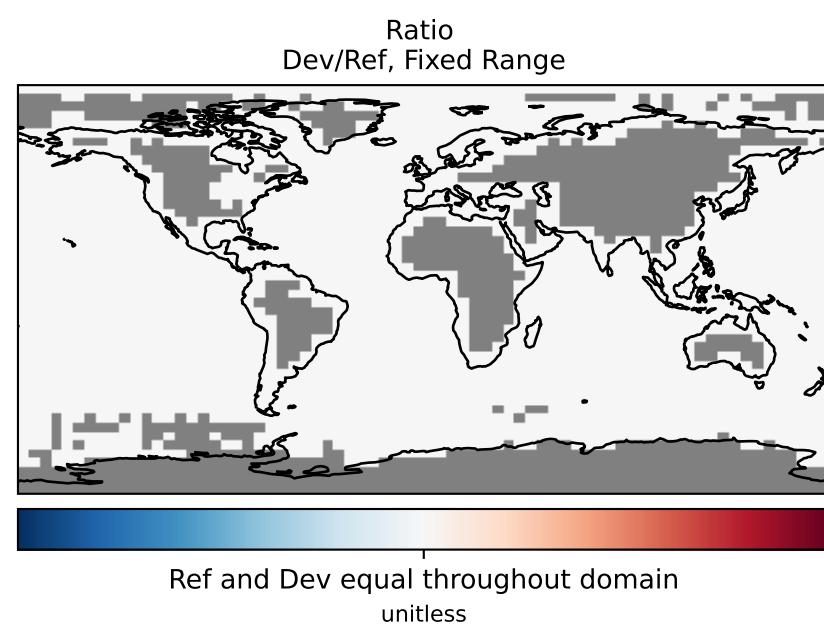
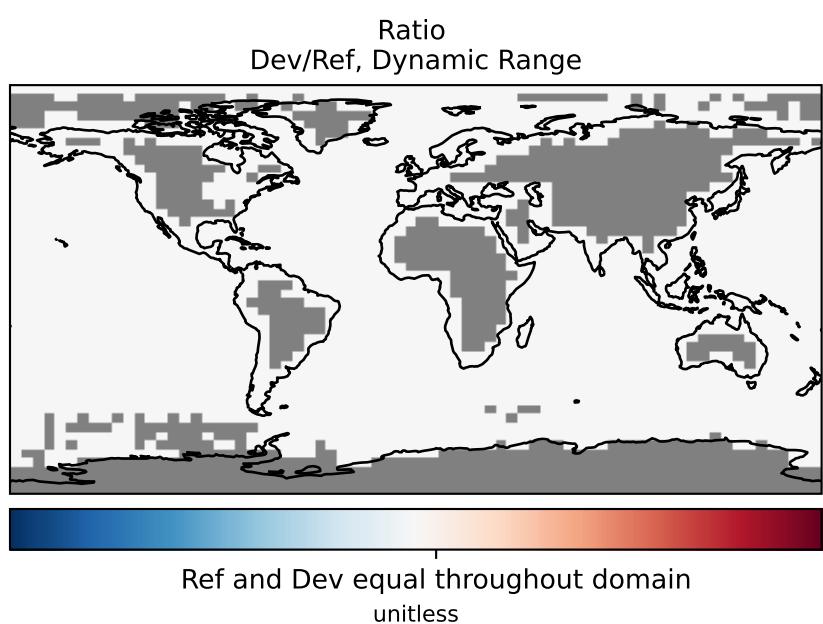
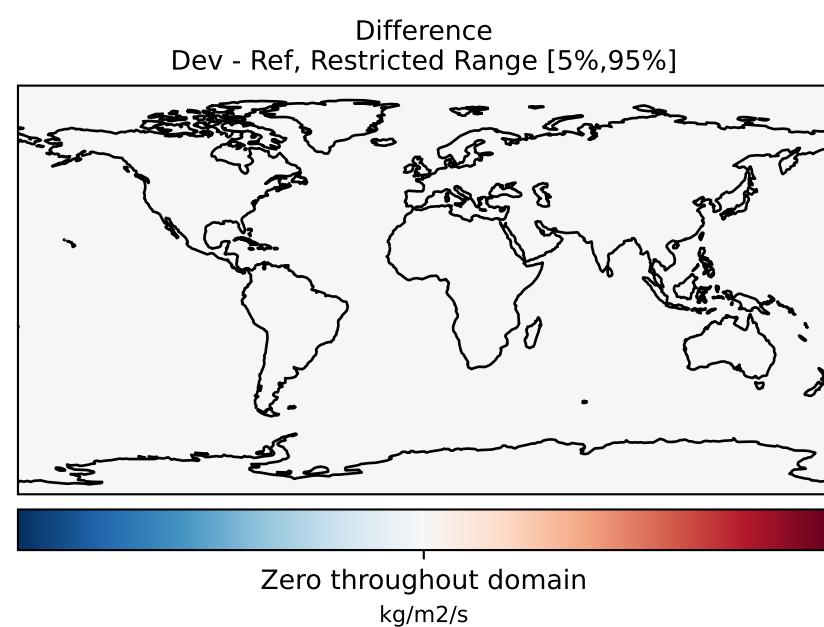
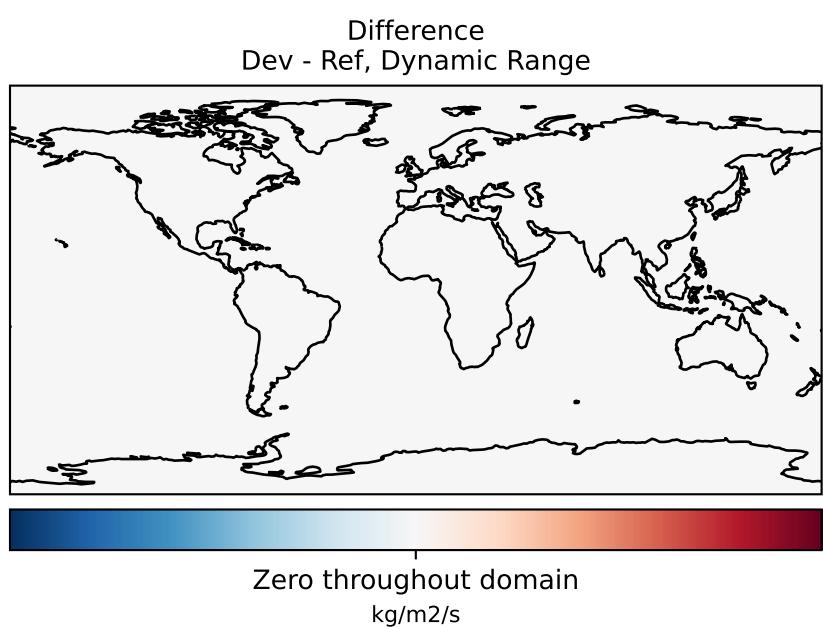
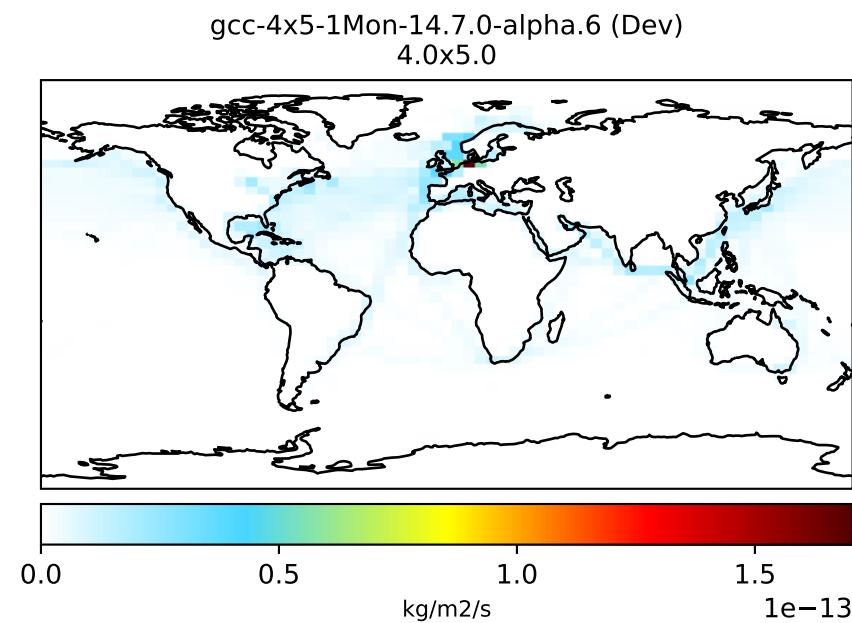
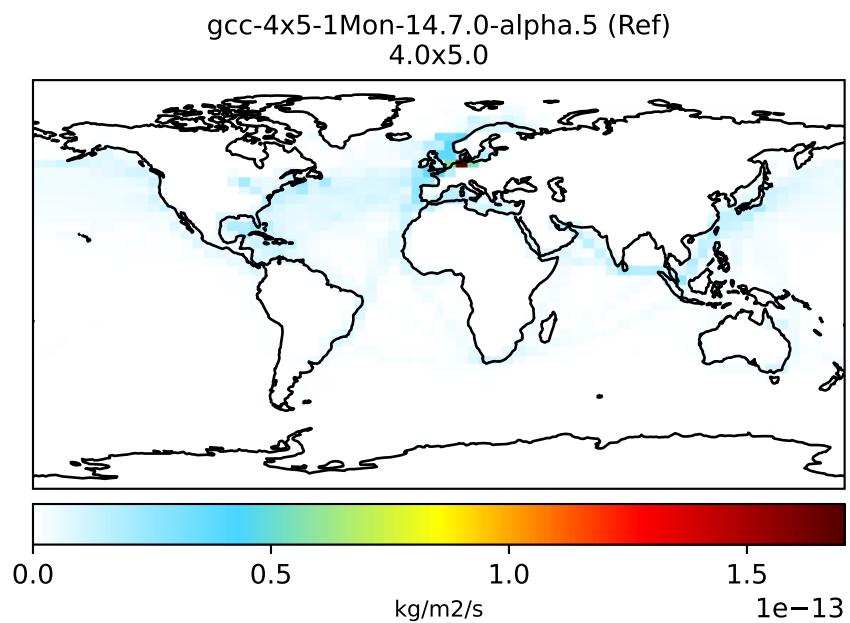
Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

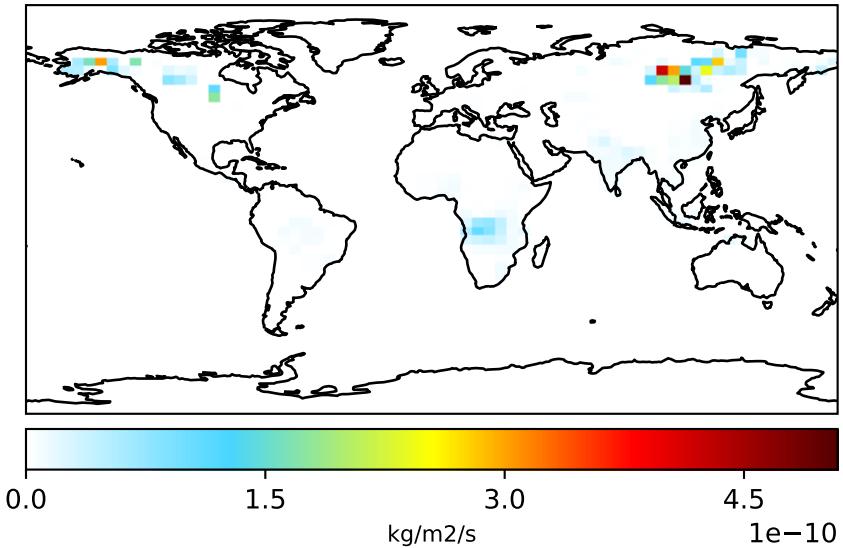


EmisOCPO_Ship

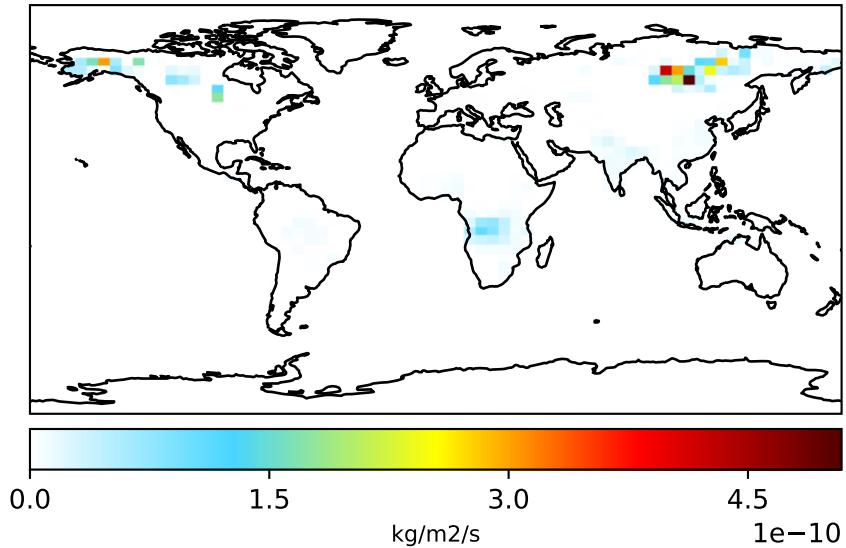


EmisOCPO_Total

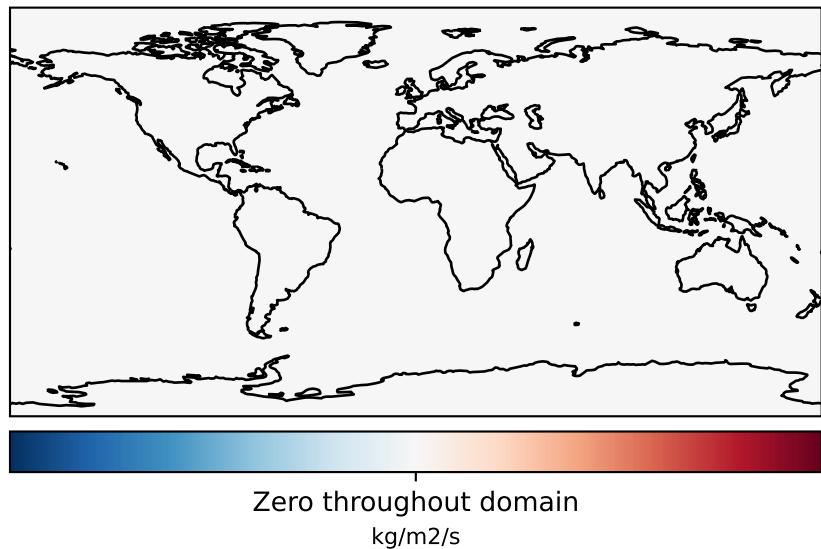
gcc-4x5-1Mon-14.7.0-alpha.5 (Ref)
4.0x5.0



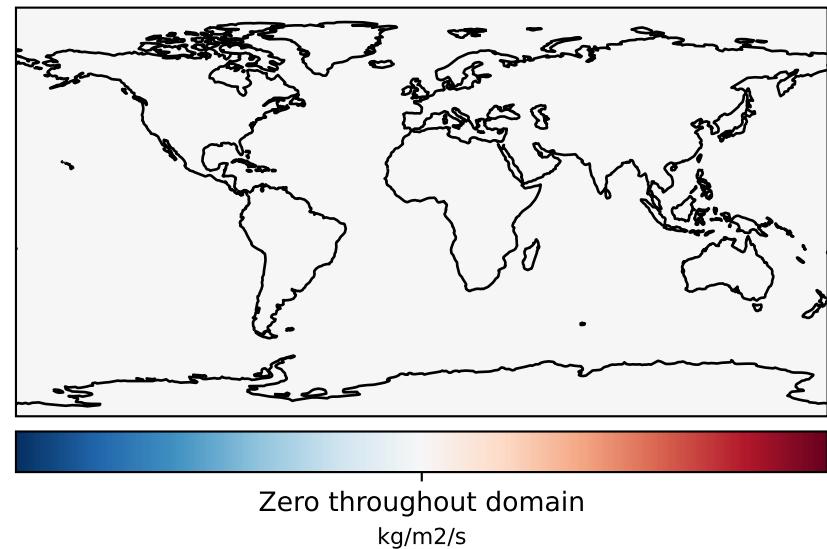
gcc-4x5-1Mon-14.7.0-alpha.6 (Dev)
4.0x5.0



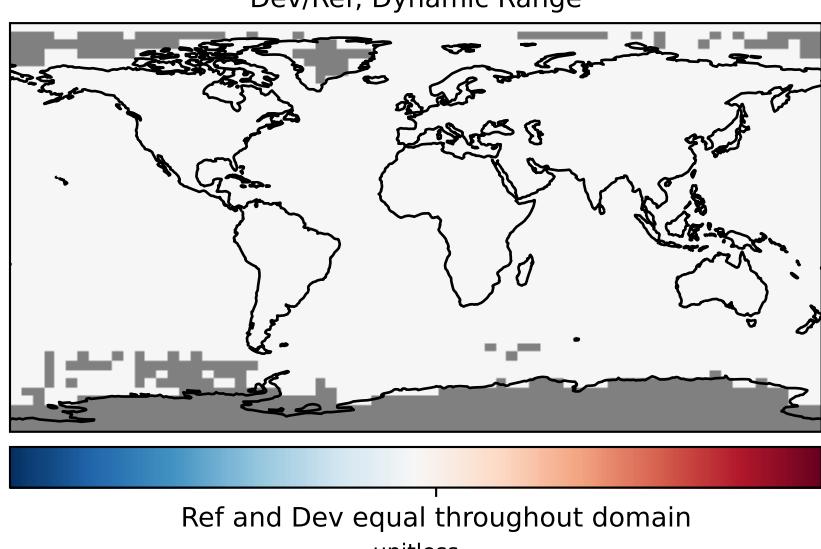
Difference
Dev - Ref, Dynamic Range



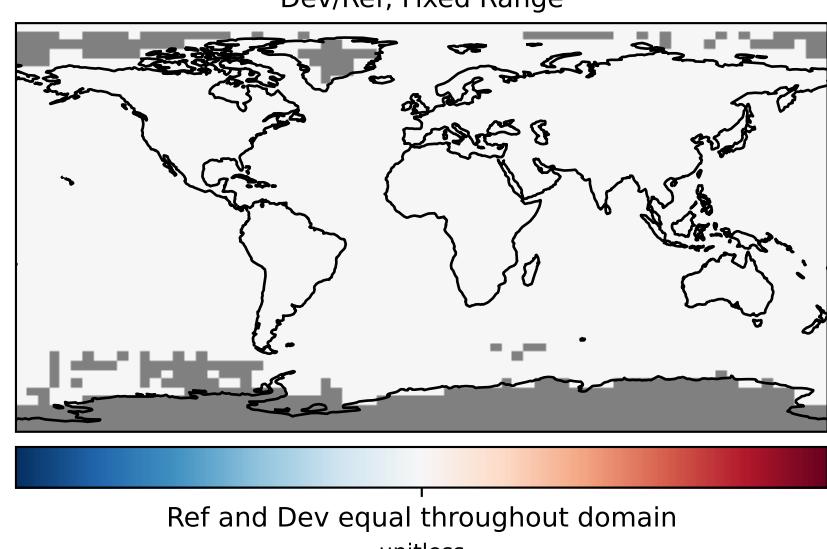
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

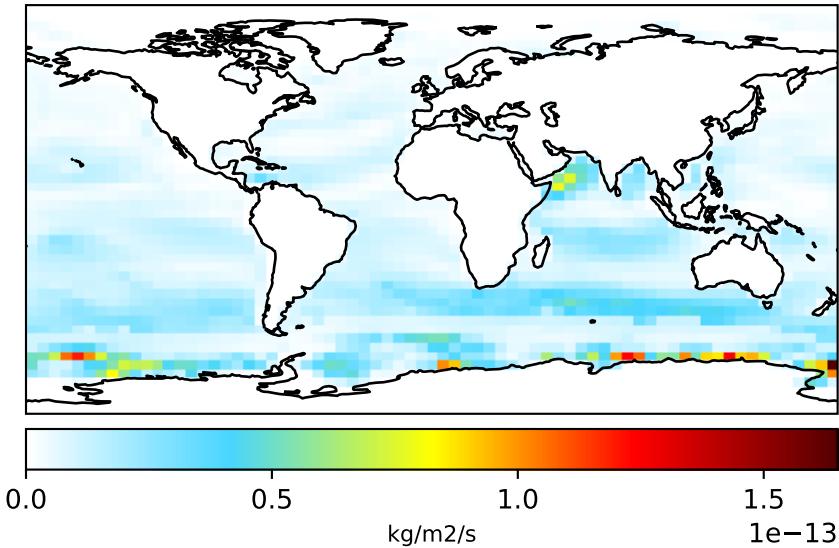


Ratio
Dev/Ref, Fixed Range

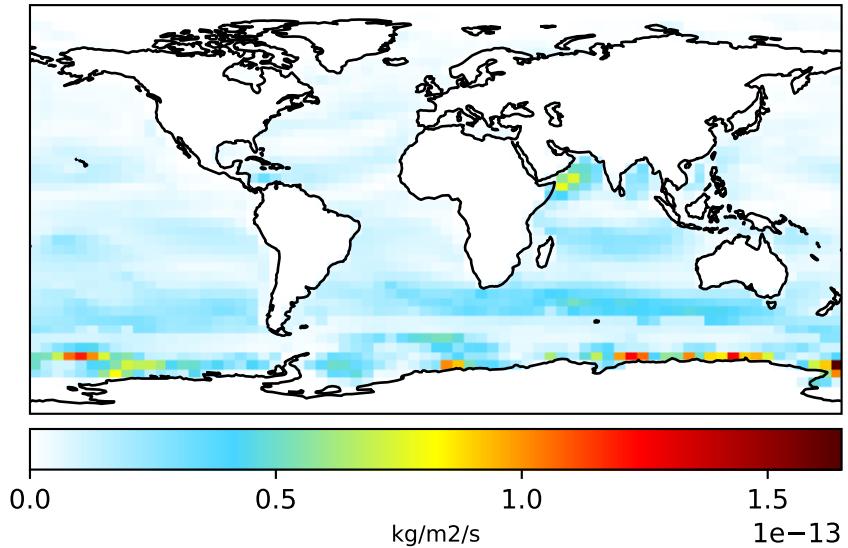


EmisBrSALA_Natural

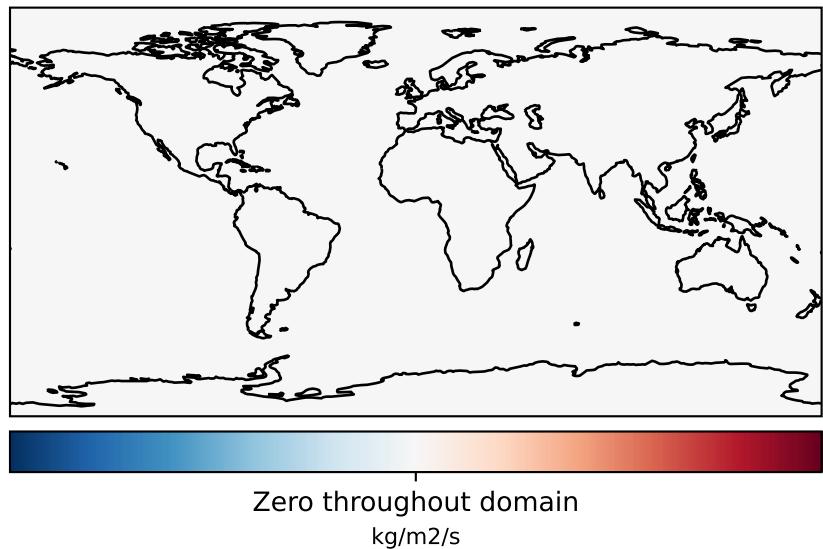
gcc-4x5-1Mon-14.7.0-alpha.5 (Ref)
4.0x5.0



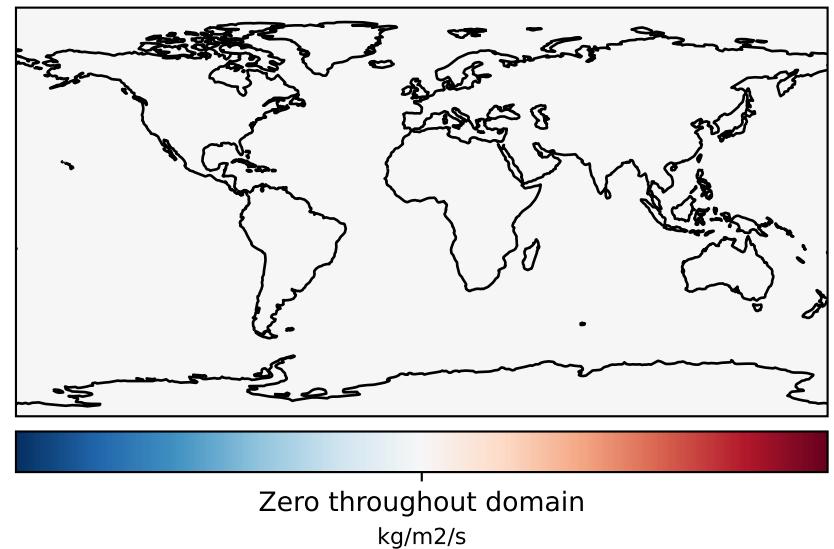
gcc-4x5-1Mon-14.7.0-alpha.6 (Dev)
4.0x5.0



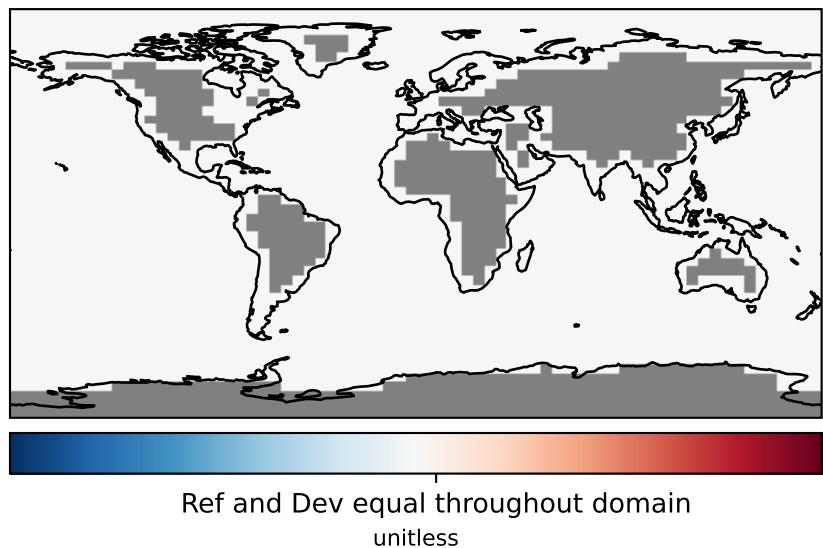
Difference
Dev - Ref, Dynamic Range



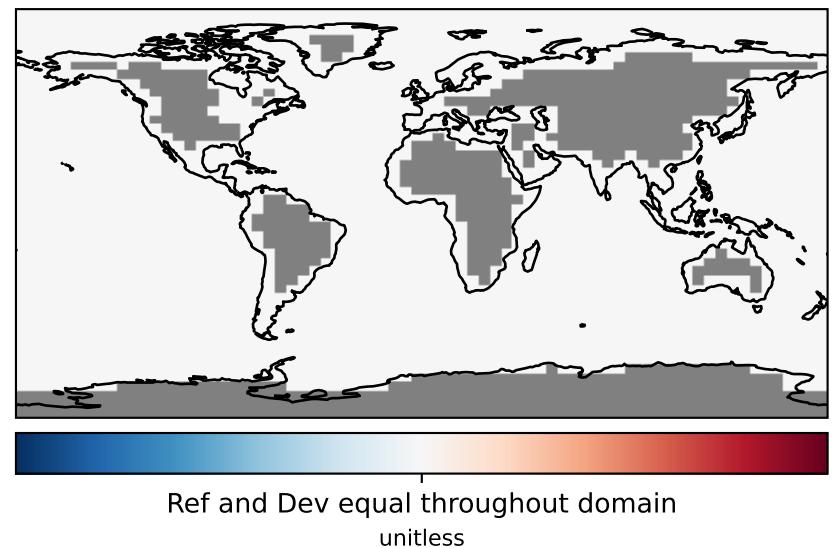
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

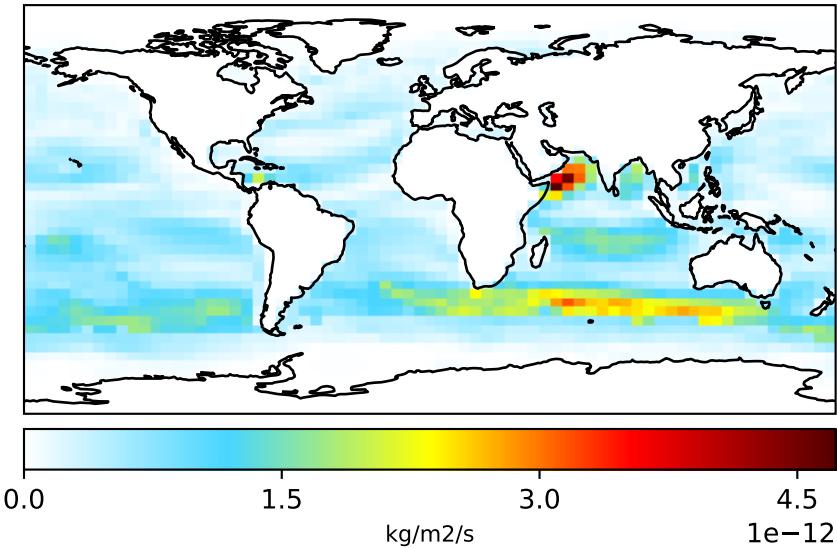


Ratio
Dev/Ref, Fixed Range

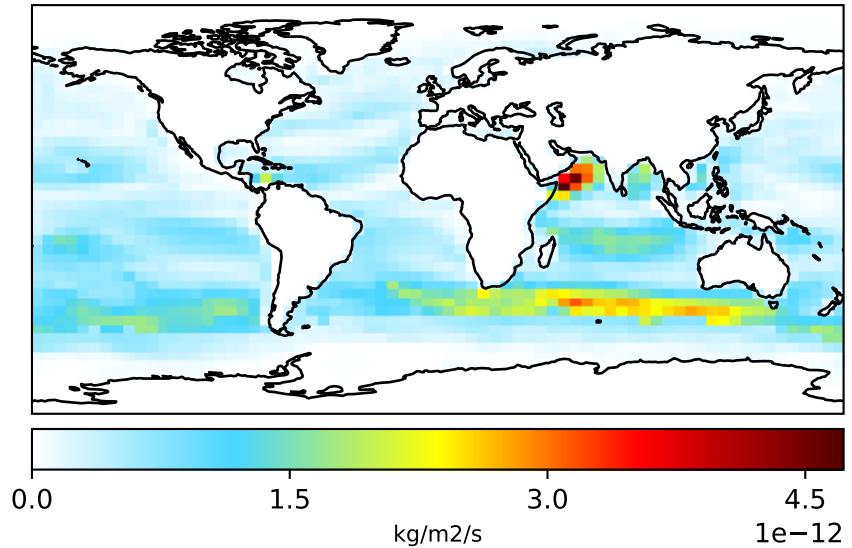


EmisBrSALC_Natural

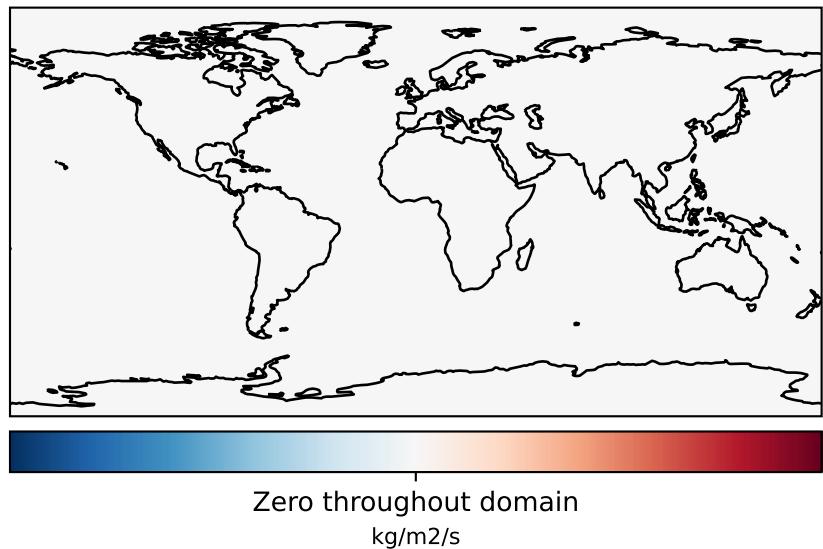
gcc-4x5-1Mon-14.7.0-alpha.5 (Ref)
4.0x5.0



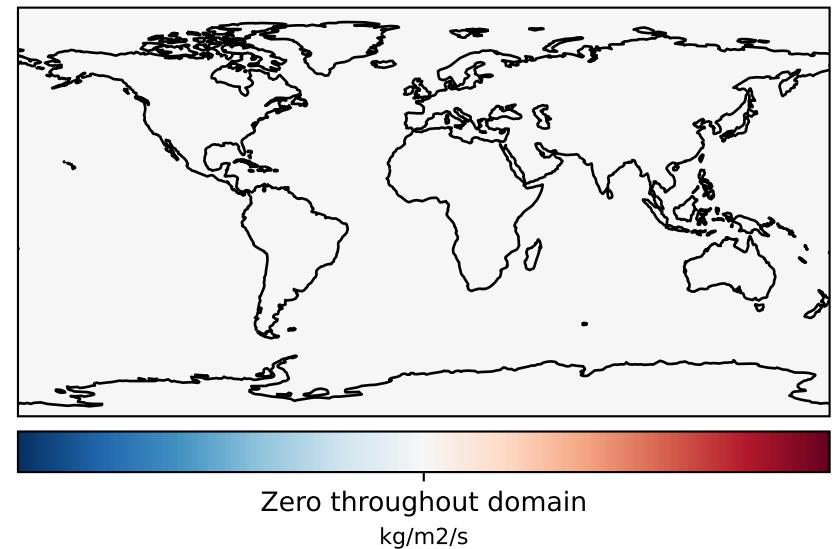
gcc-4x5-1Mon-14.7.0-alpha.6 (Dev)
4.0x5.0



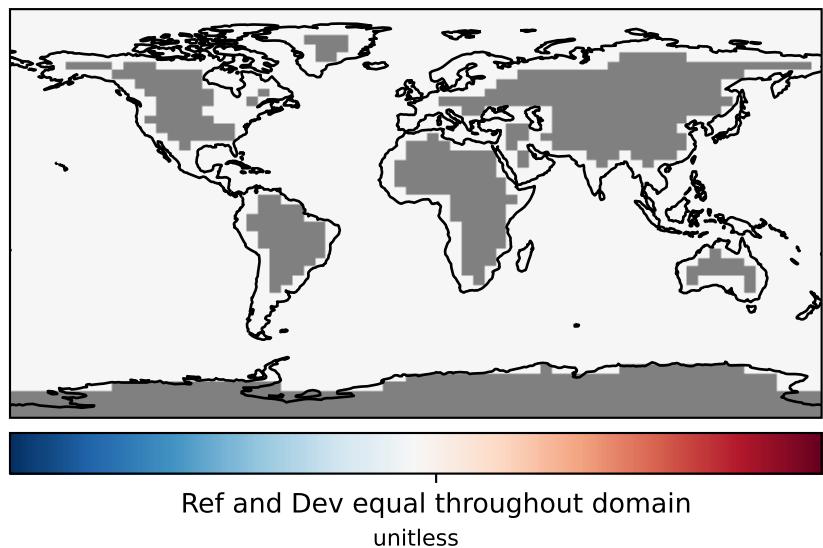
Difference
Dev - Ref, Dynamic Range



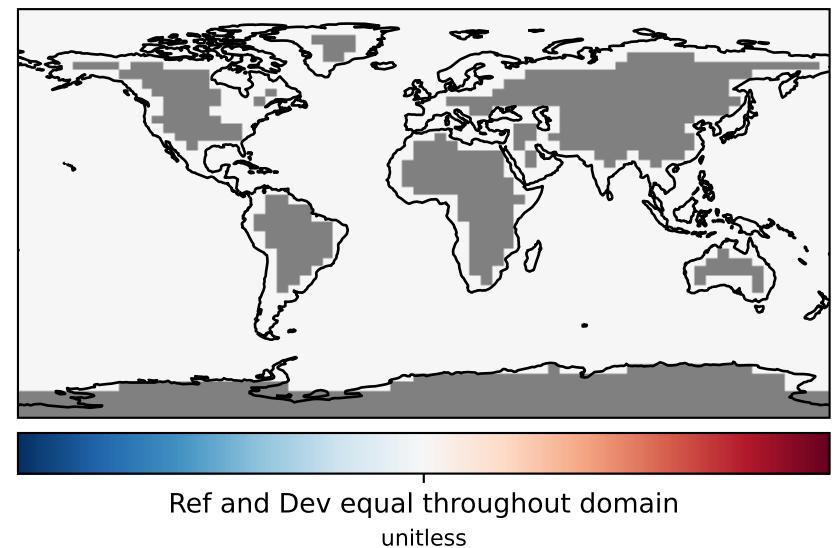
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

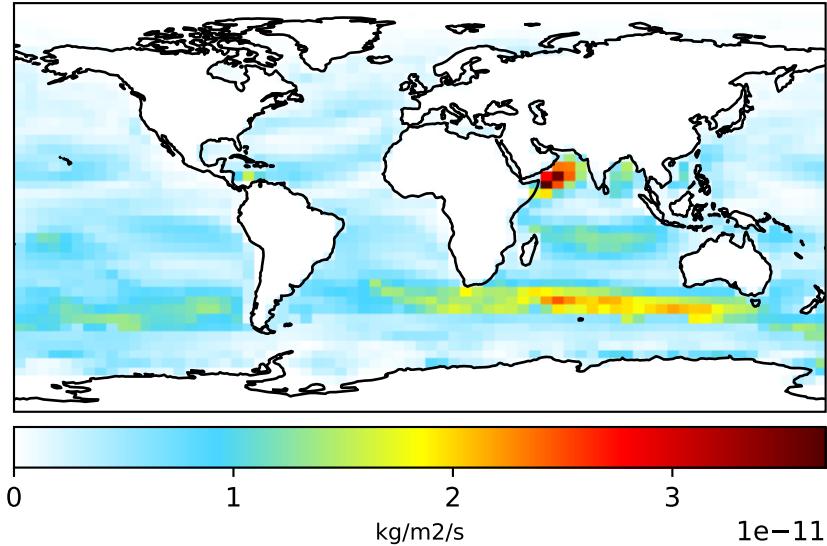


Ratio
Dev/Ref, Fixed Range

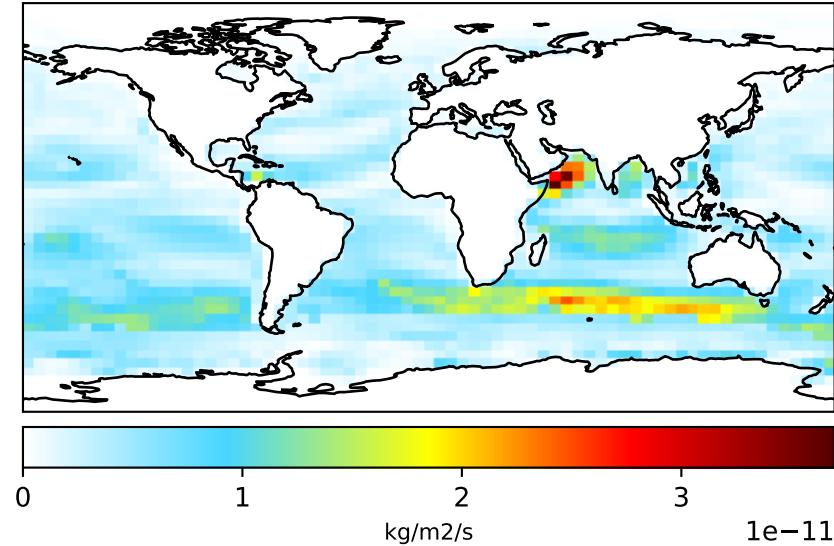


EmisSALA_Natural

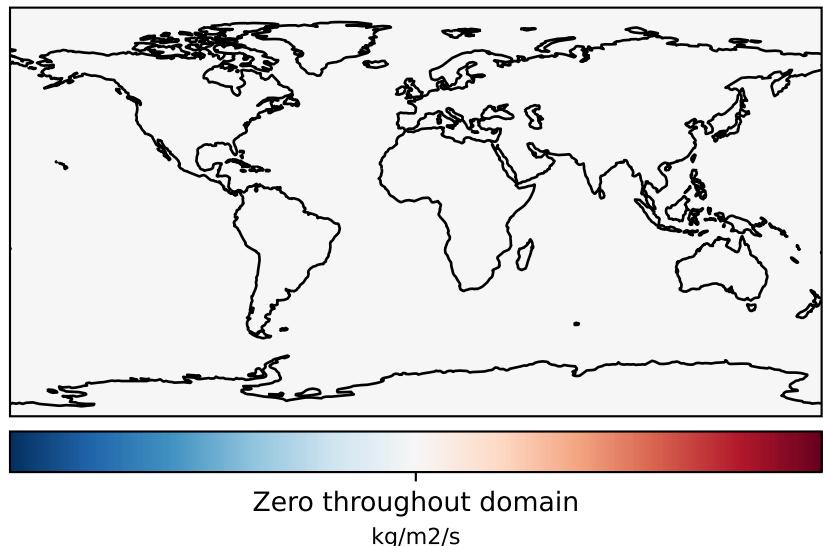
gcc-4x5-1Mon-14.7.0-alpha.5 (Ref)
4.0x5.0



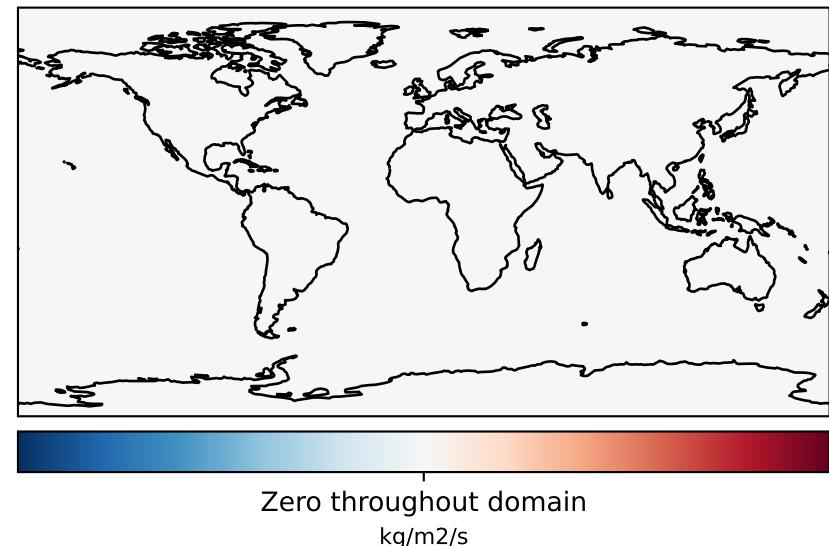
gcc-4x5-1Mon-14.7.0-alpha.6 (Dev)
4.0x5.0



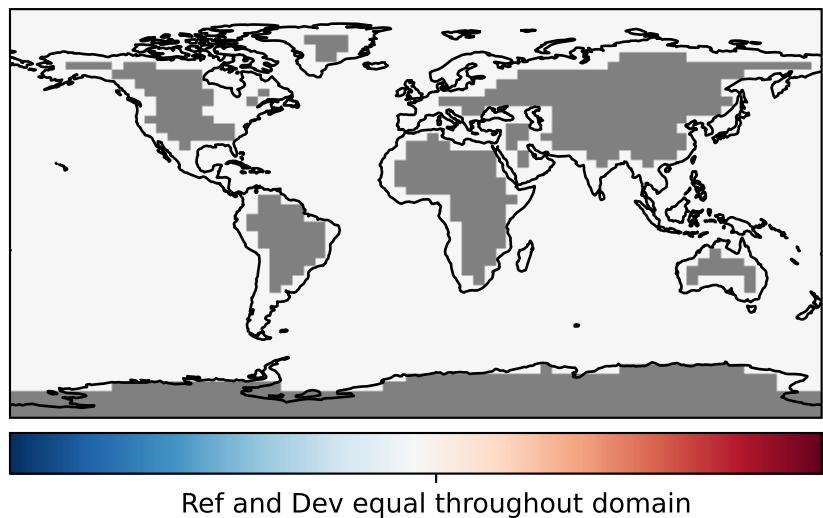
Difference
Dev - Ref, Dynamic Range



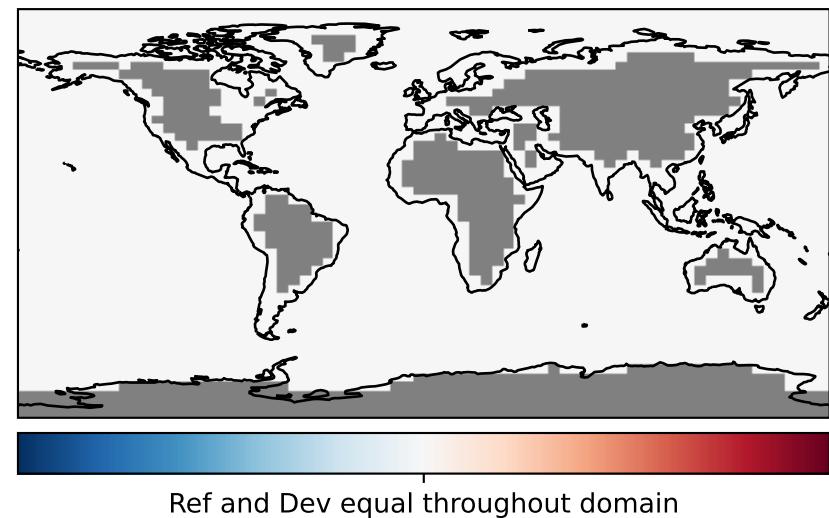
Difference
Dev - Ref, Restricted Range [5%,95%]



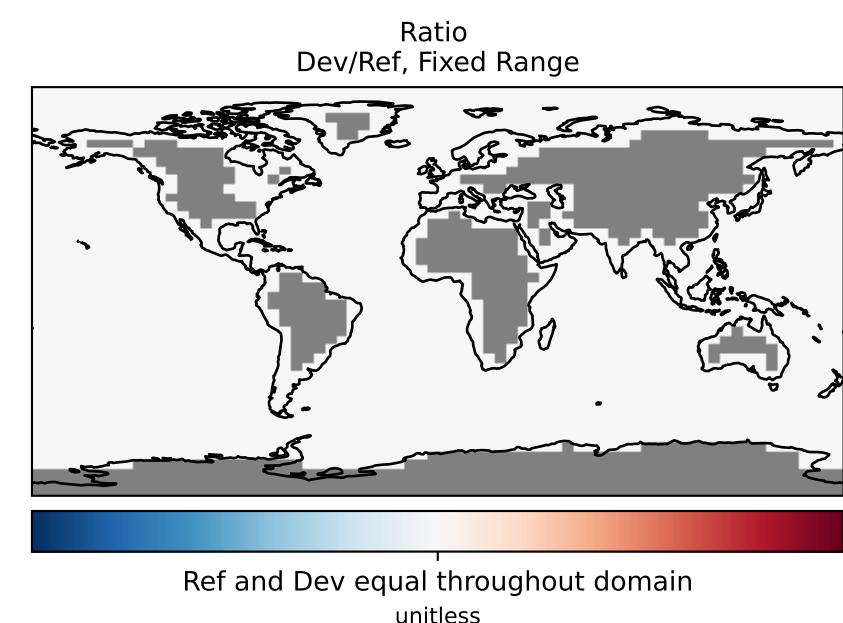
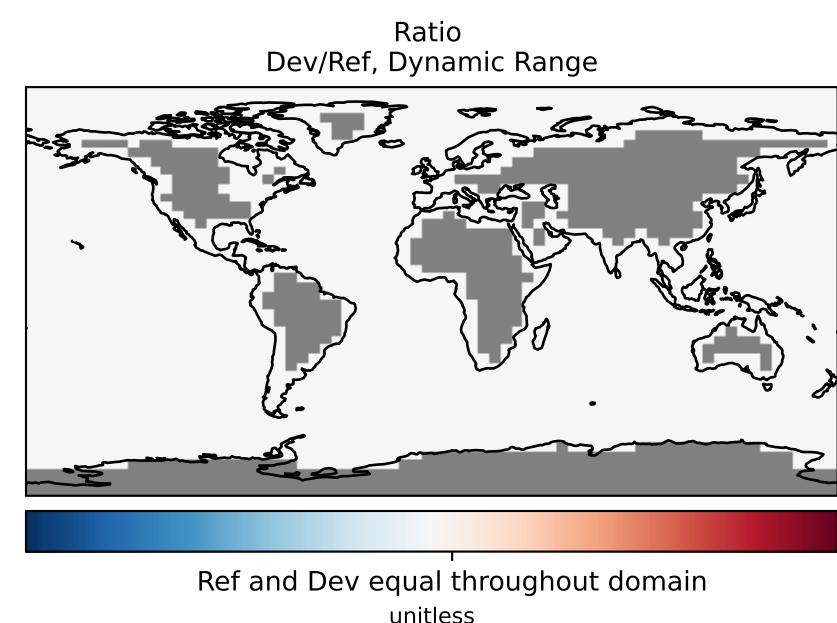
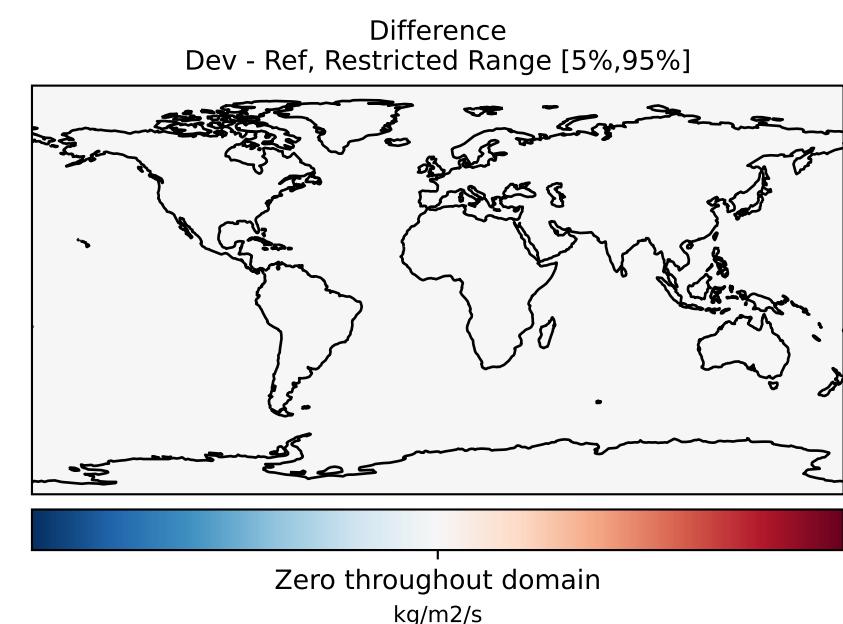
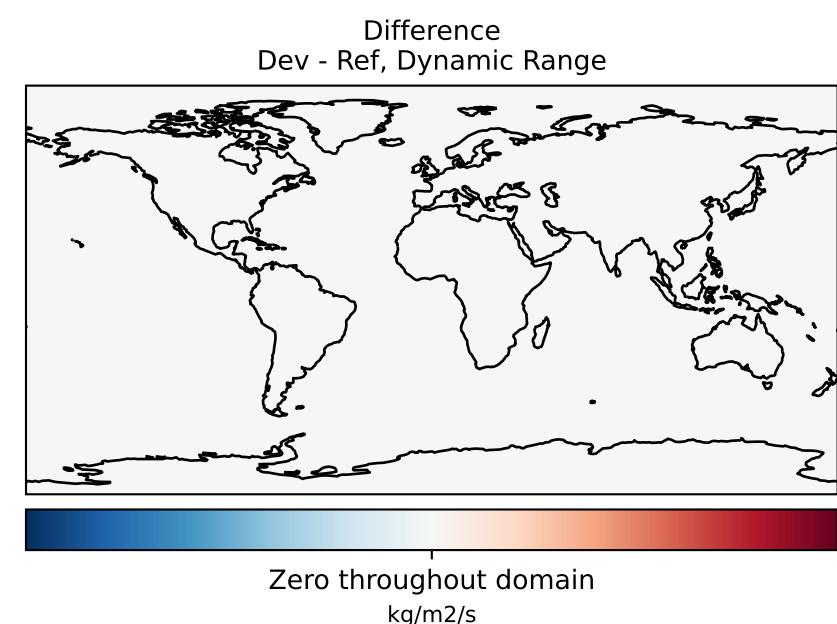
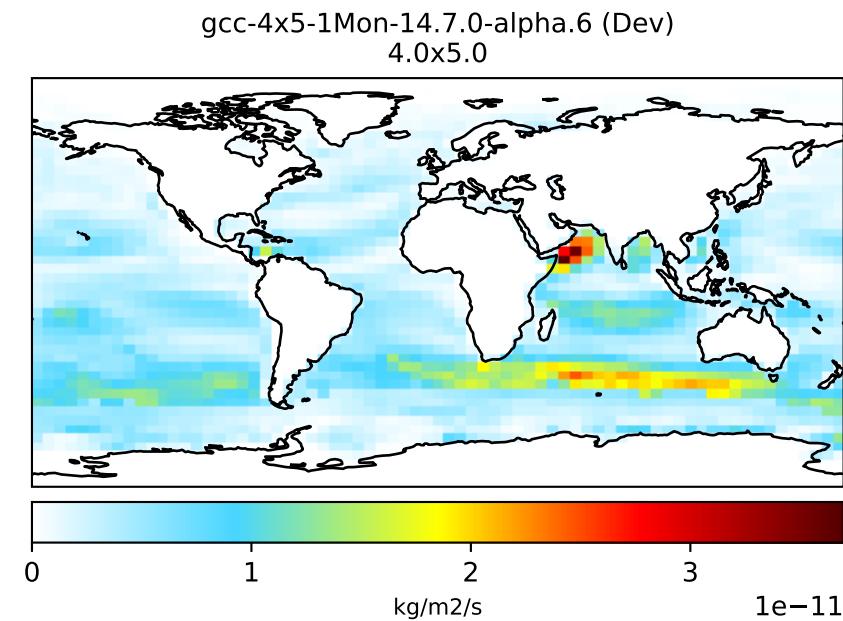
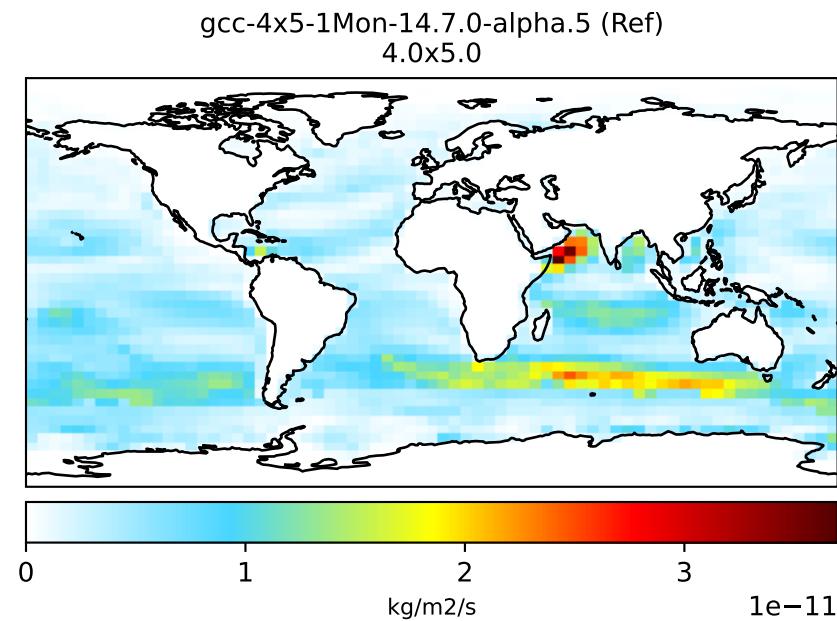
Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

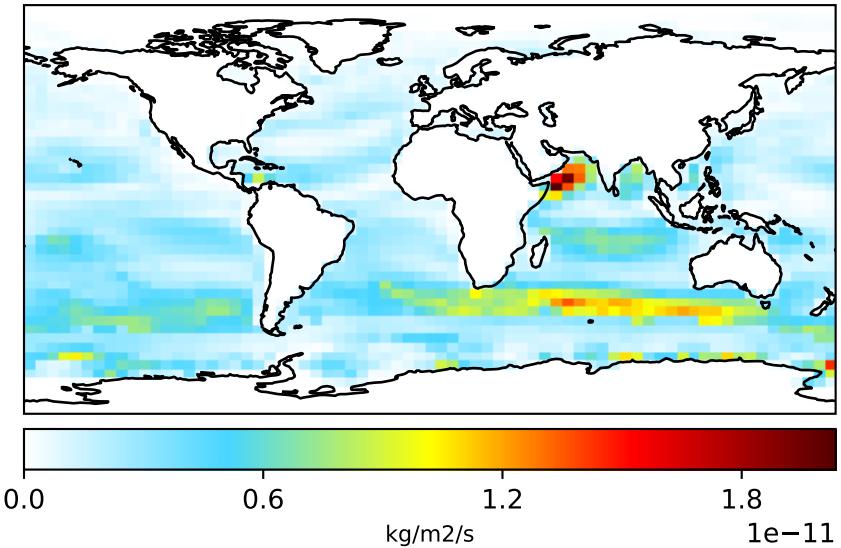


EmisSALAAL_Natural

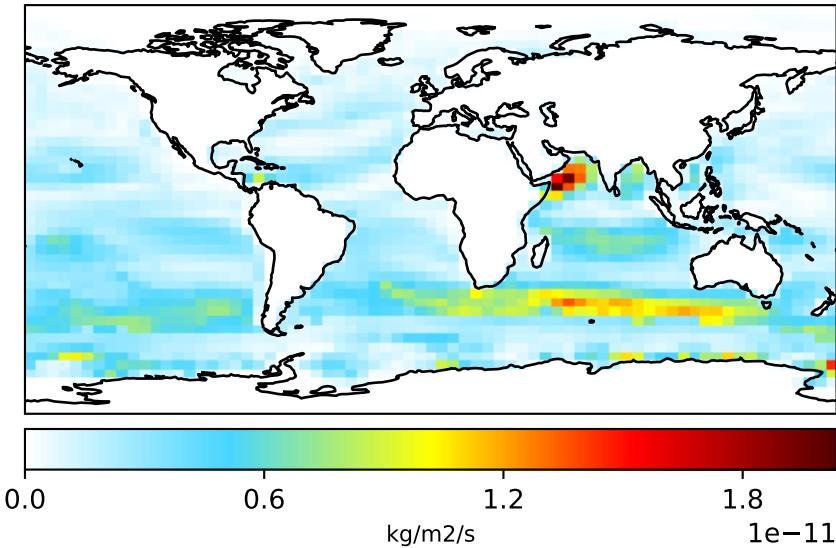


EmisSALACL_Natural

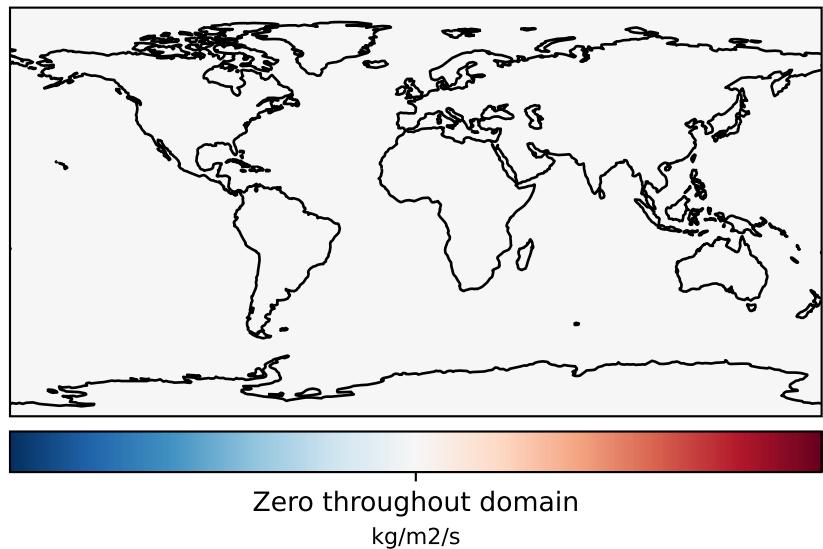
gcc-4x5-1Mon-14.7.0-alpha.5 (Ref)
4.0x5.0



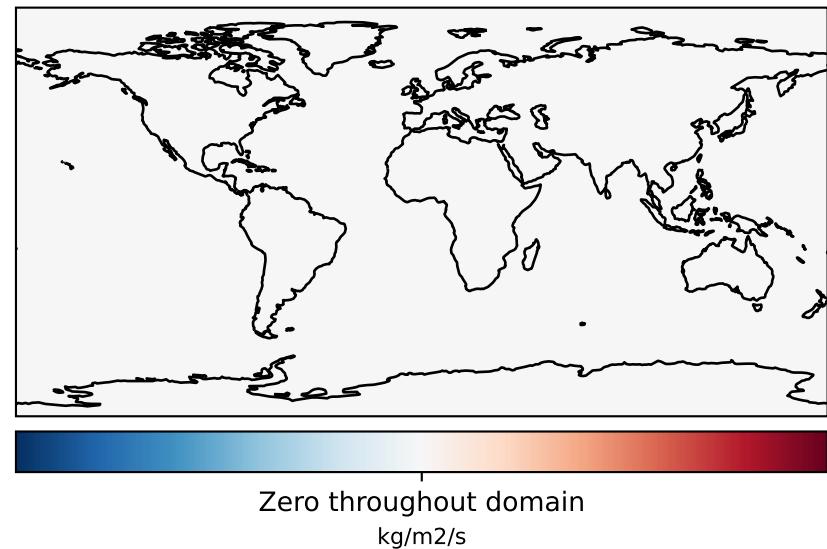
gcc-4x5-1Mon-14.7.0-alpha.6 (Dev)
4.0x5.0



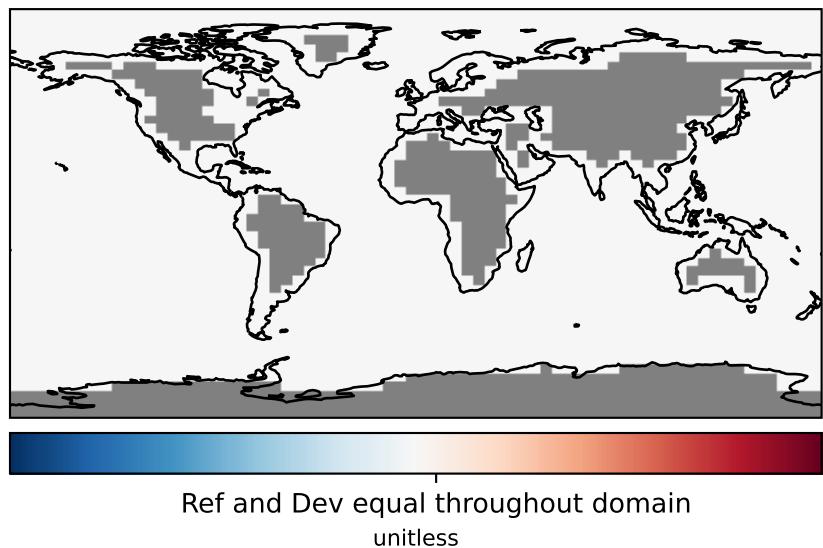
Difference
Dev - Ref, Dynamic Range



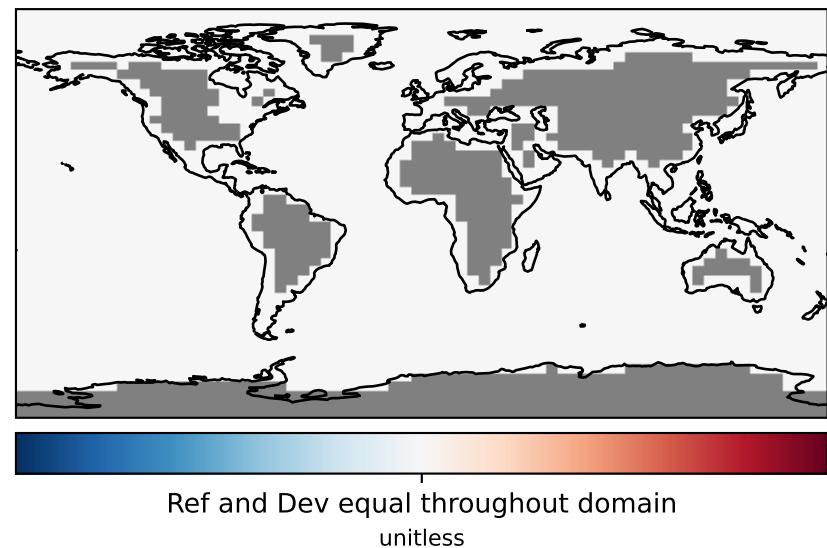
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

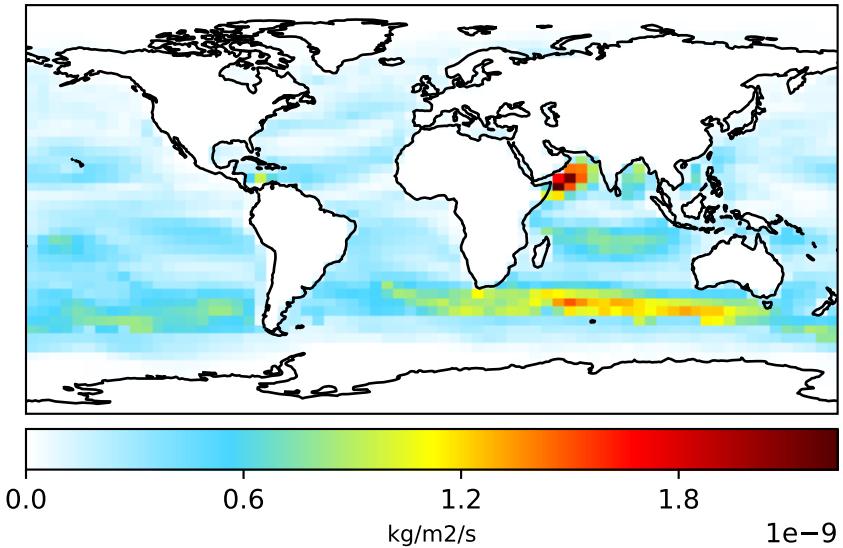


Ratio
Dev/Ref, Fixed Range

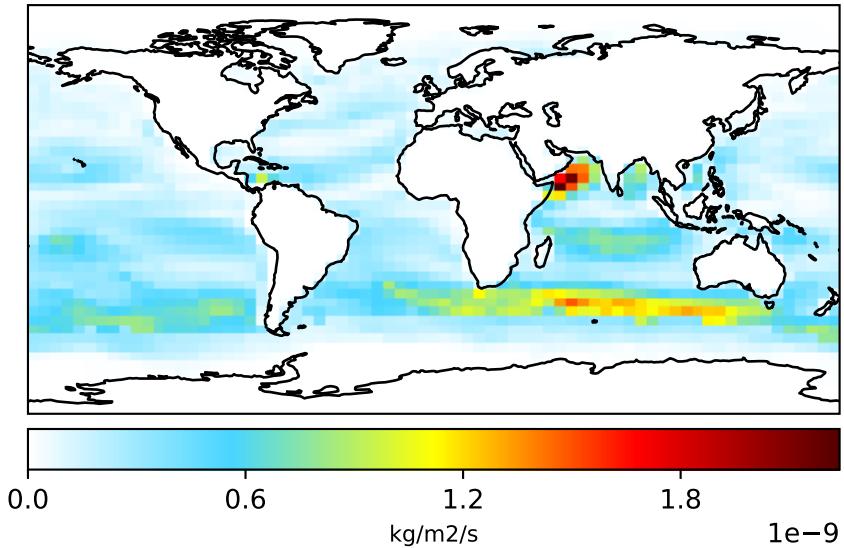


EmisSALC_Natural

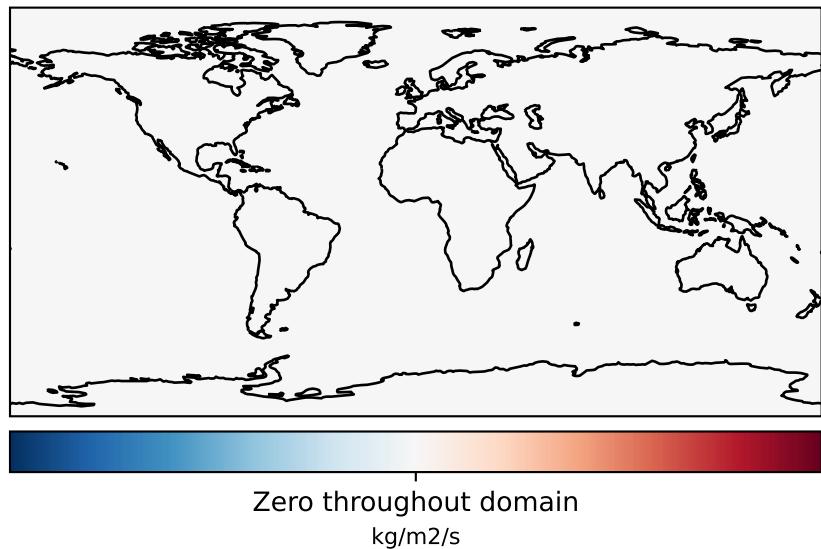
gcc-4x5-1Mon-14.7.0-alpha.5 (Ref)
4.0x5.0



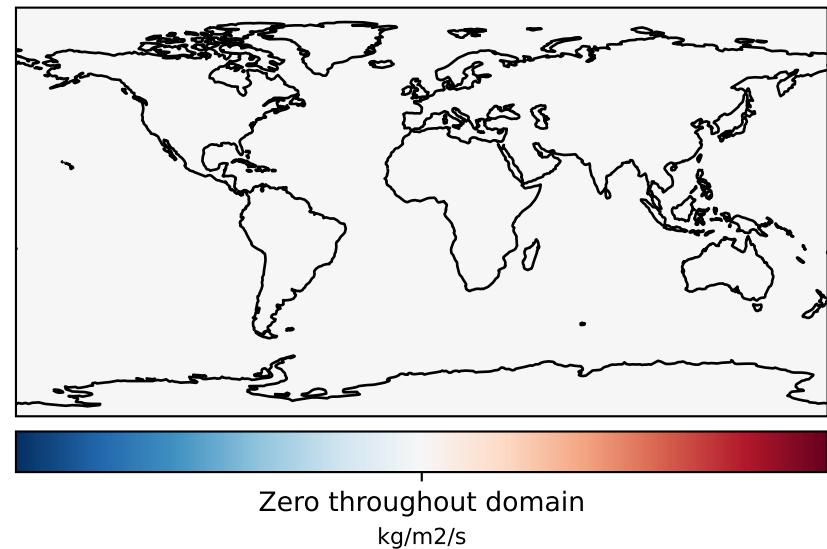
gcc-4x5-1Mon-14.7.0-alpha.6 (Dev)
4.0x5.0



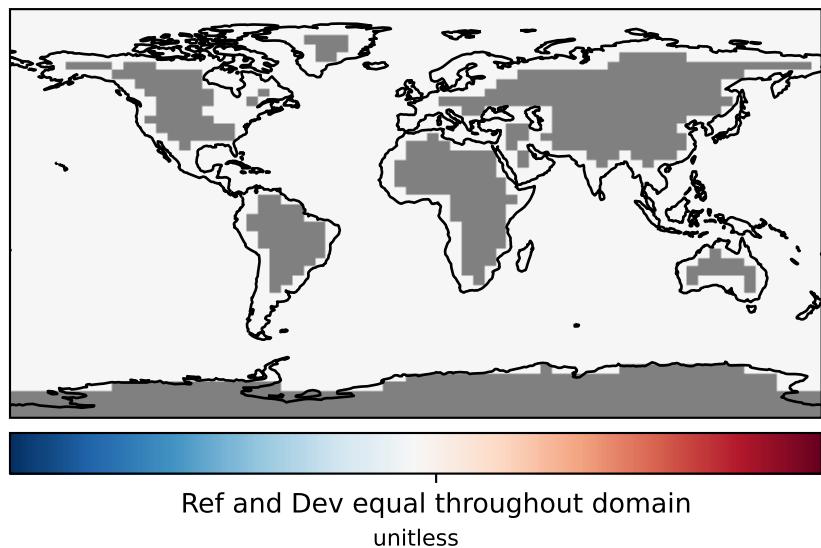
Difference
Dev - Ref, Dynamic Range



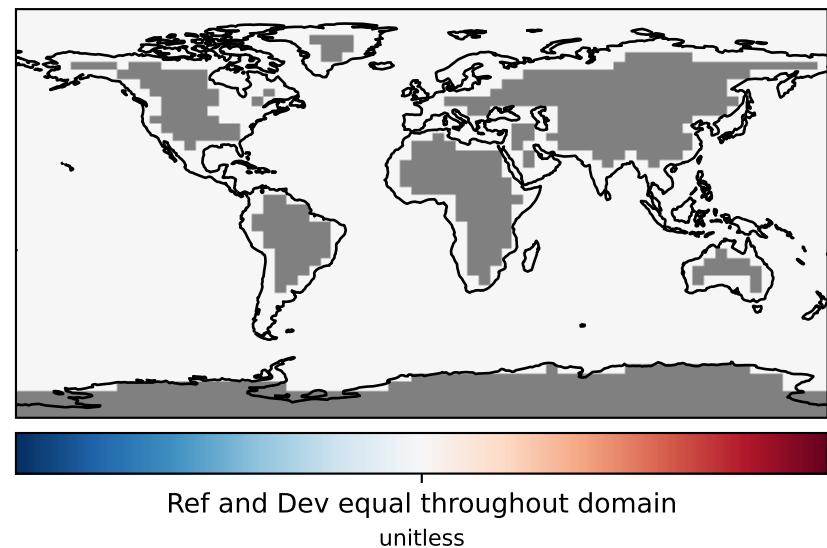
Difference
Dev - Ref, Restricted Range [5%, 95%]



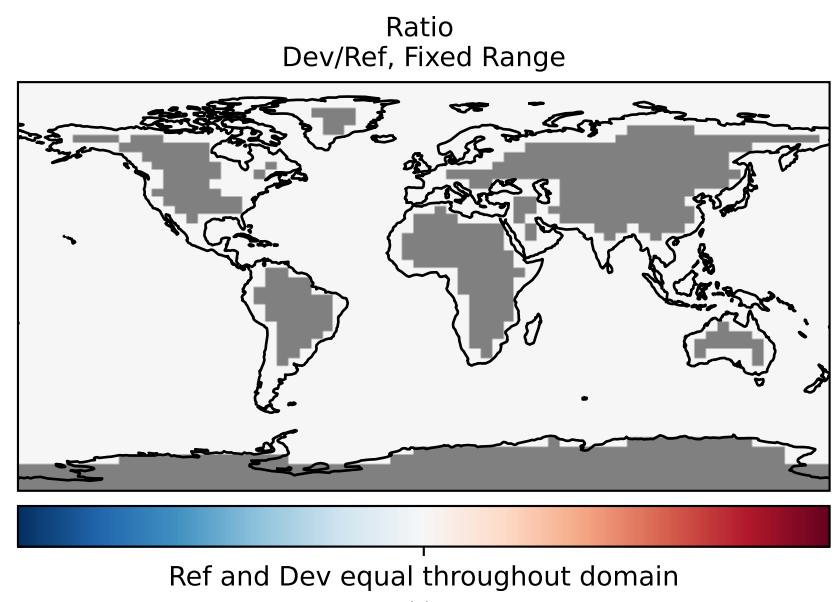
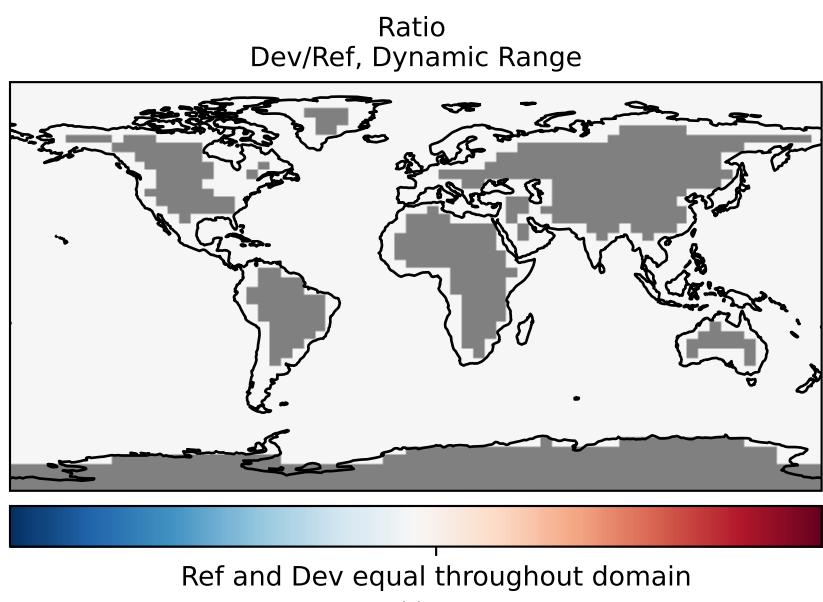
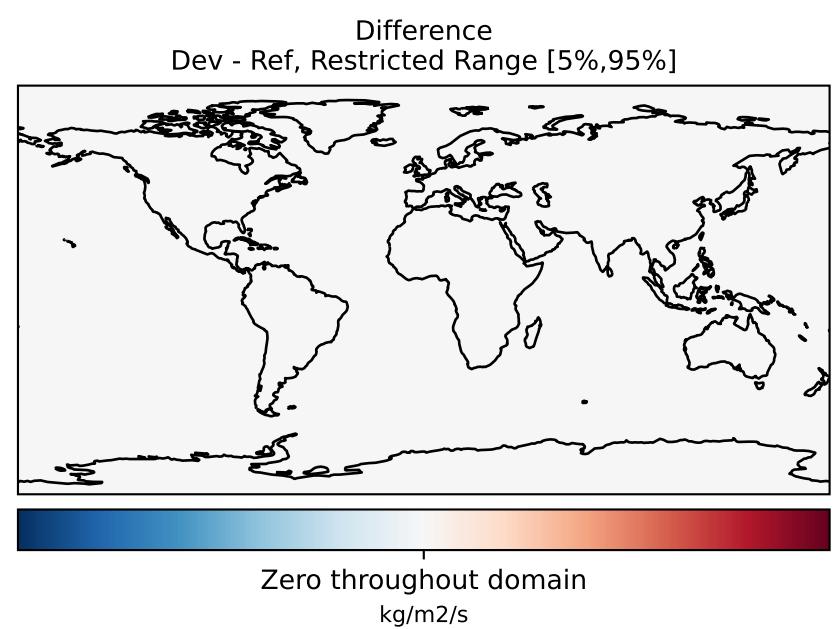
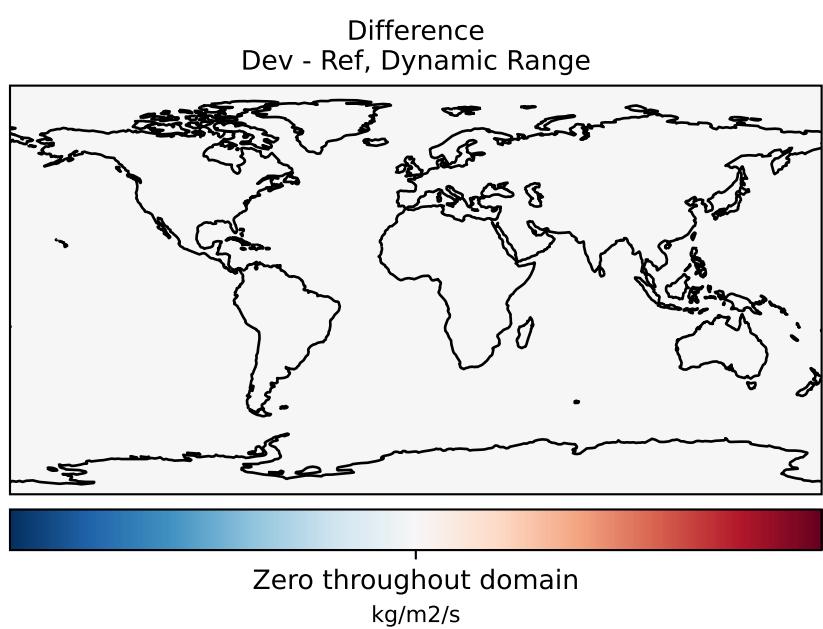
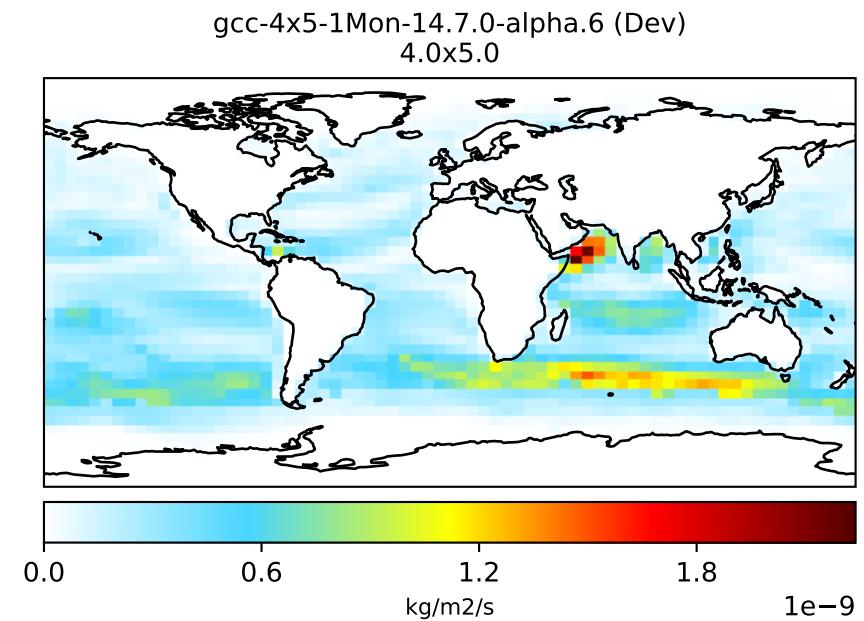
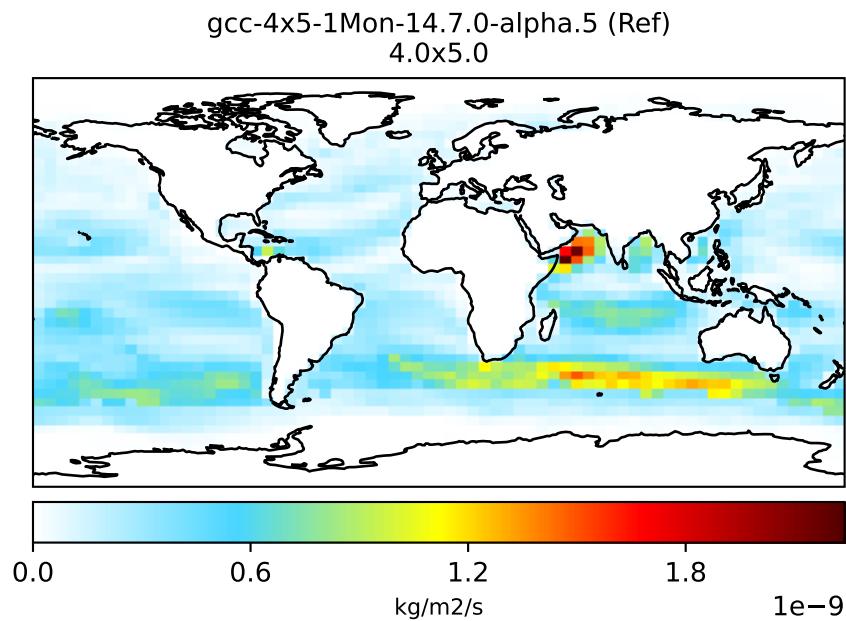
Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

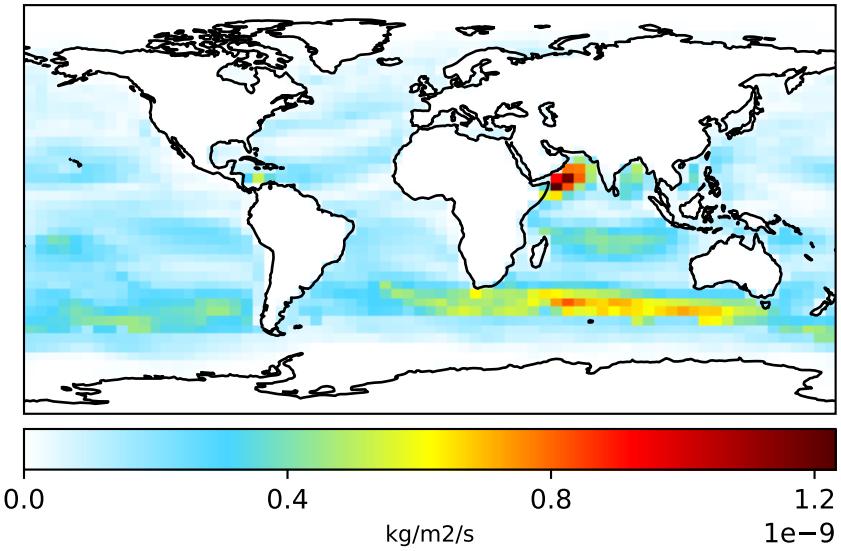


EmisSALCAL_Natural

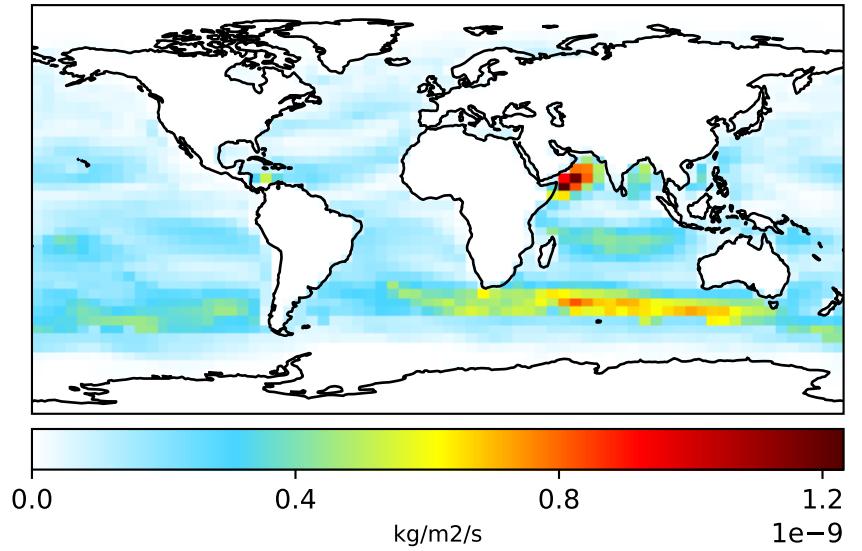


EmisSALCCL_Natural

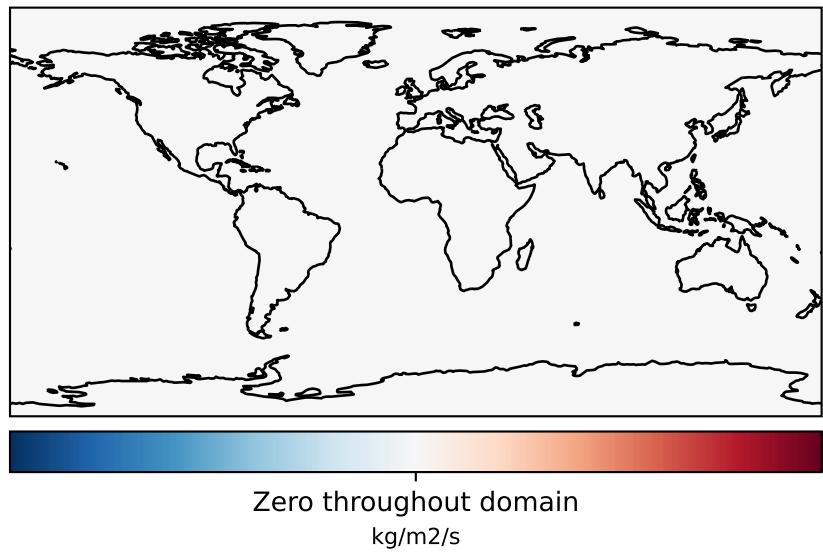
gcc-4x5-1Mon-14.7.0-alpha.5 (Ref)
4.0x5.0



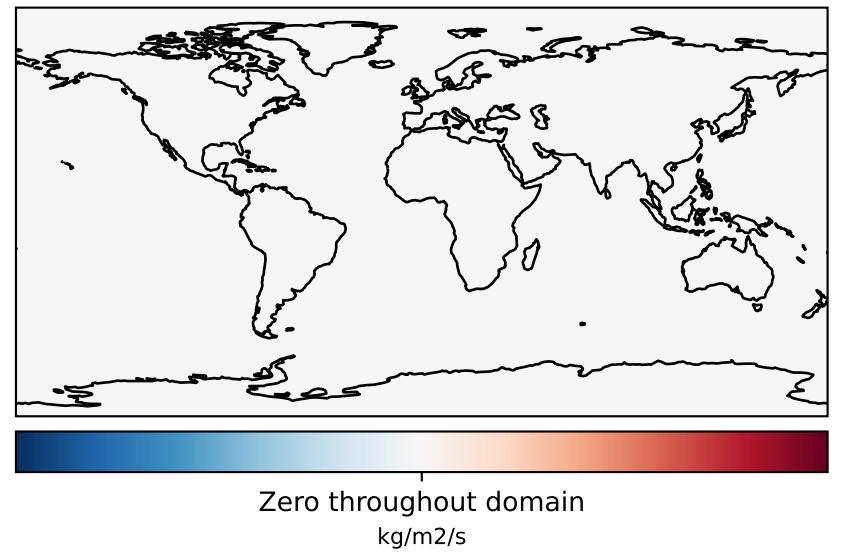
gcc-4x5-1Mon-14.7.0-alpha.6 (Dev)
4.0x5.0



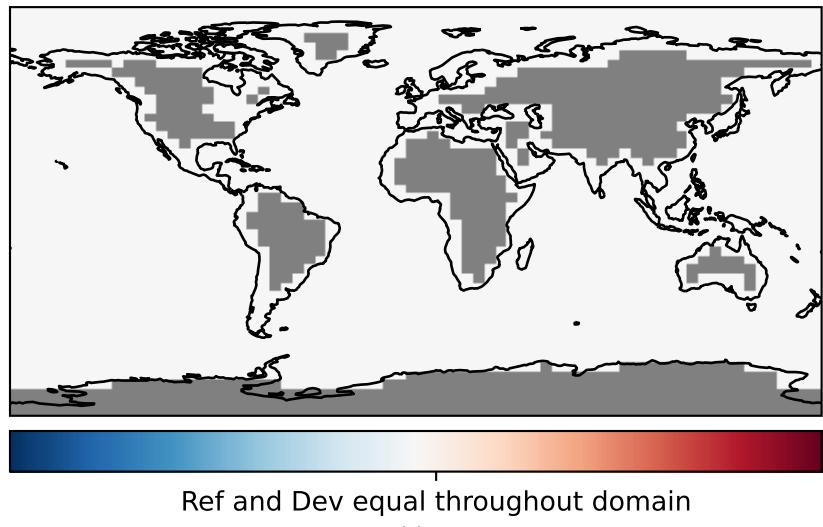
Difference
Dev - Ref, Dynamic Range



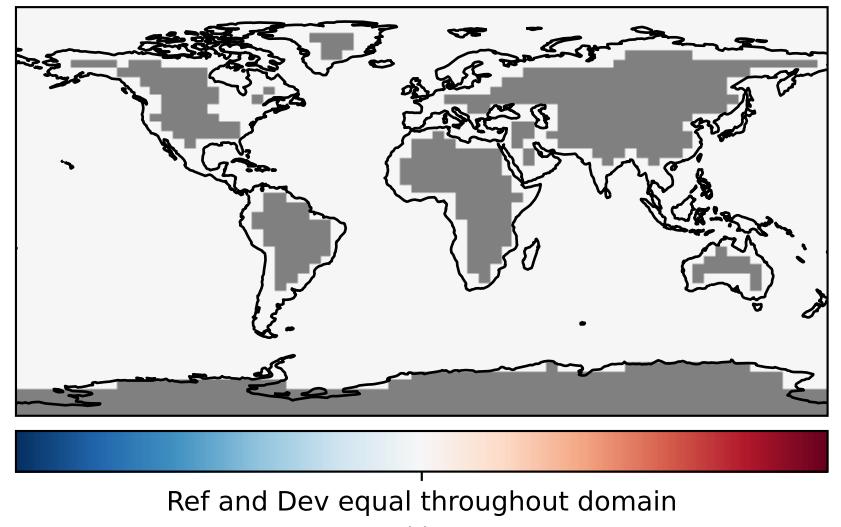
Difference
Dev - Ref, Restricted Range [5%, 95%]



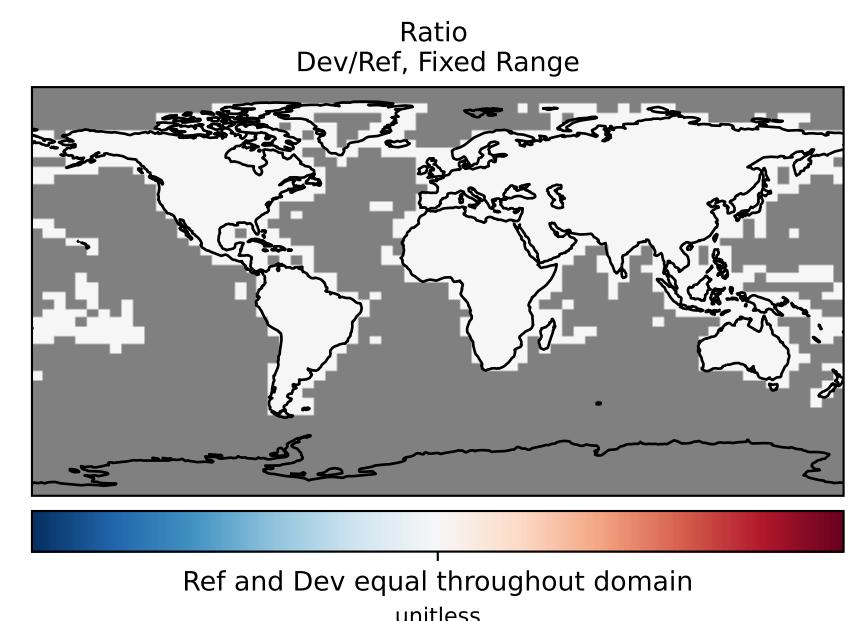
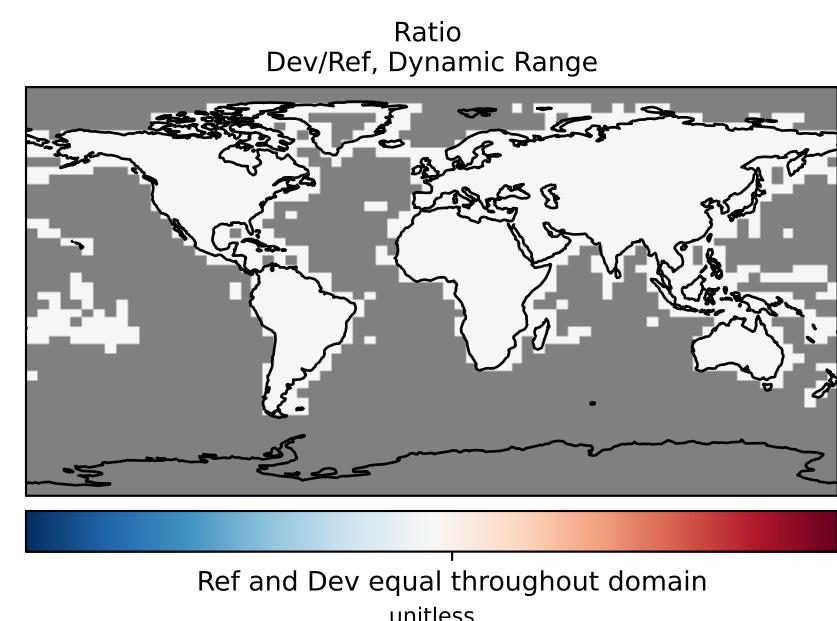
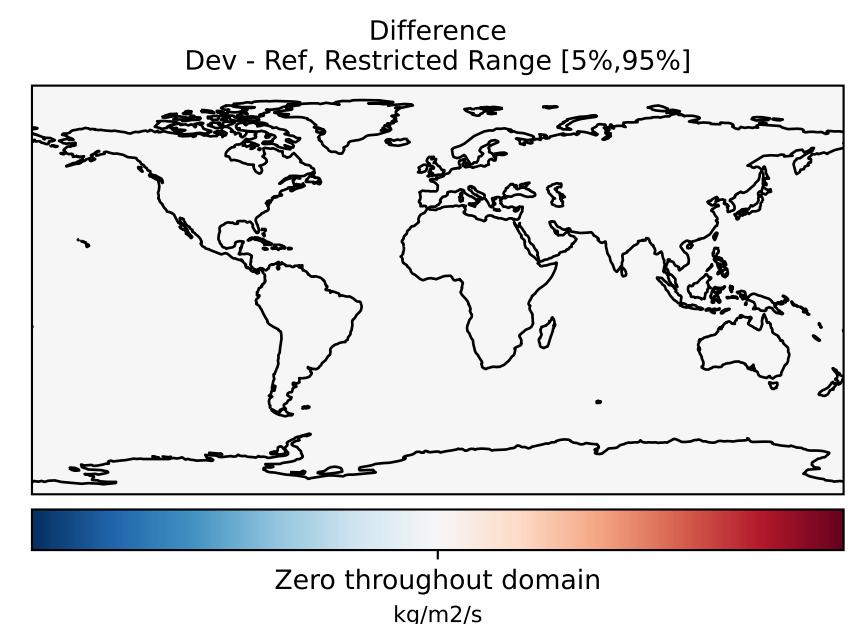
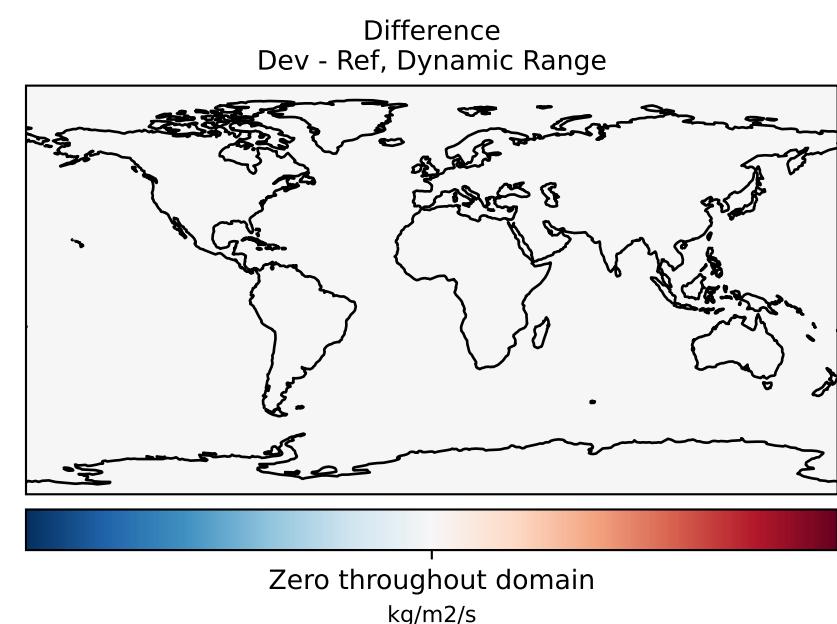
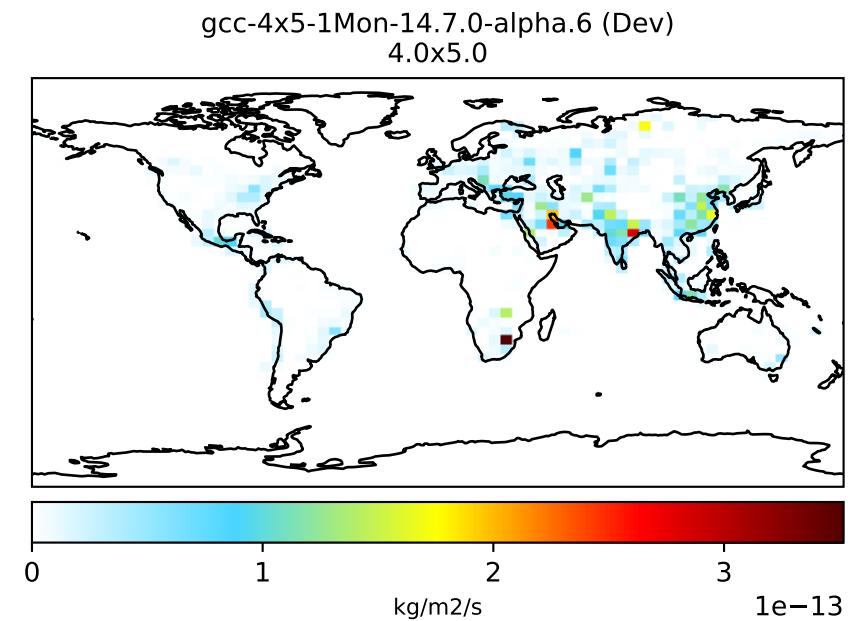
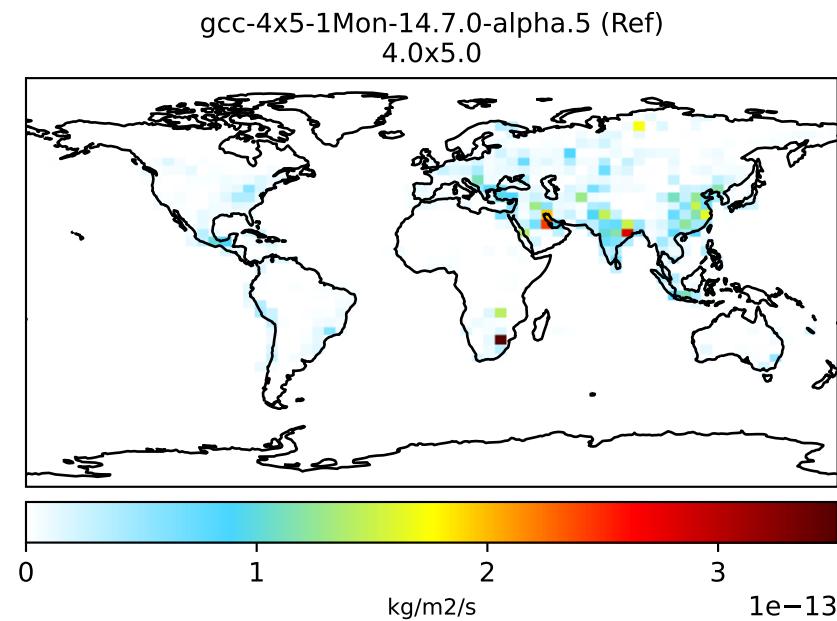
Ratio
Dev/Ref, Dynamic Range



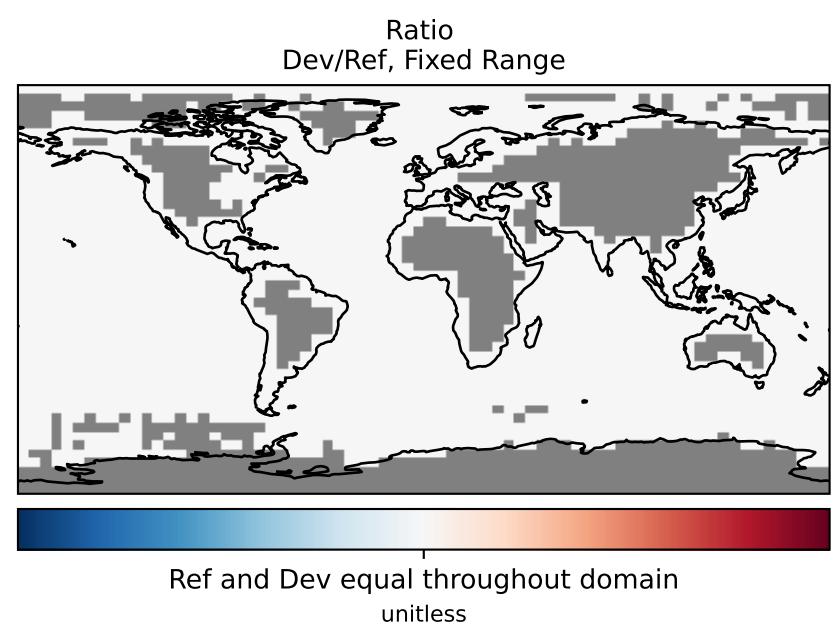
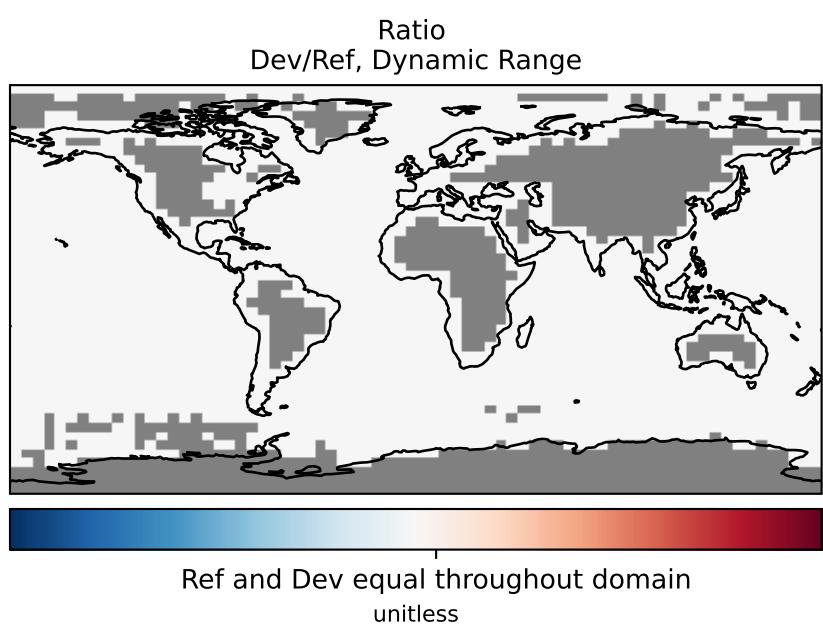
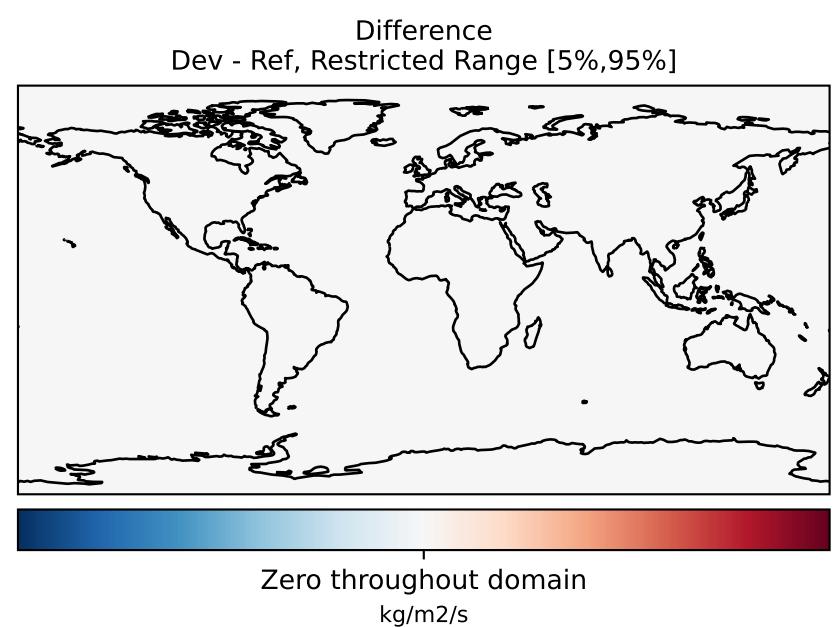
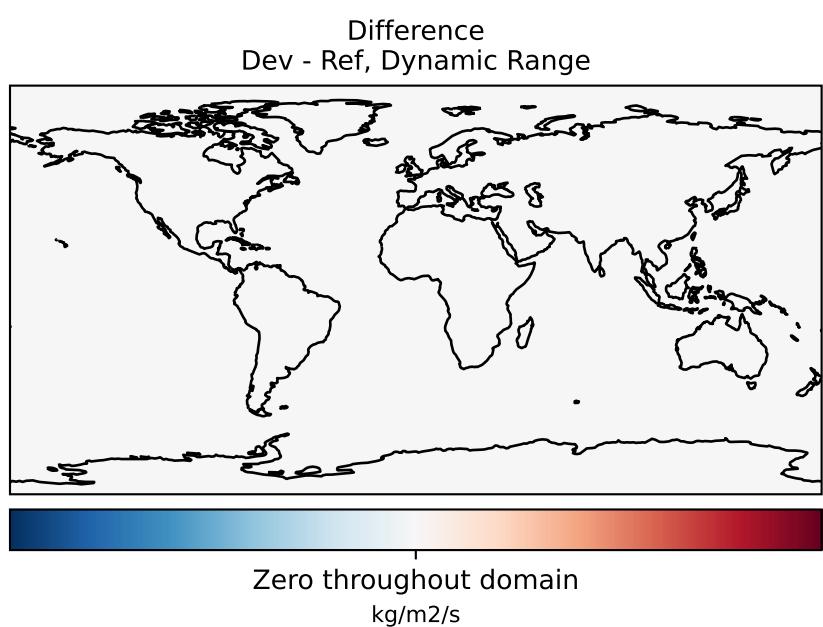
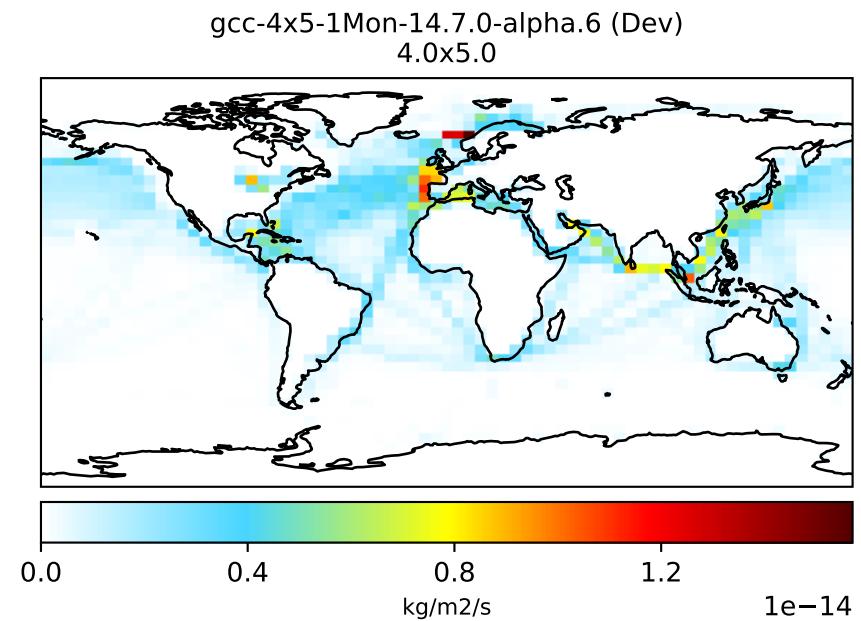
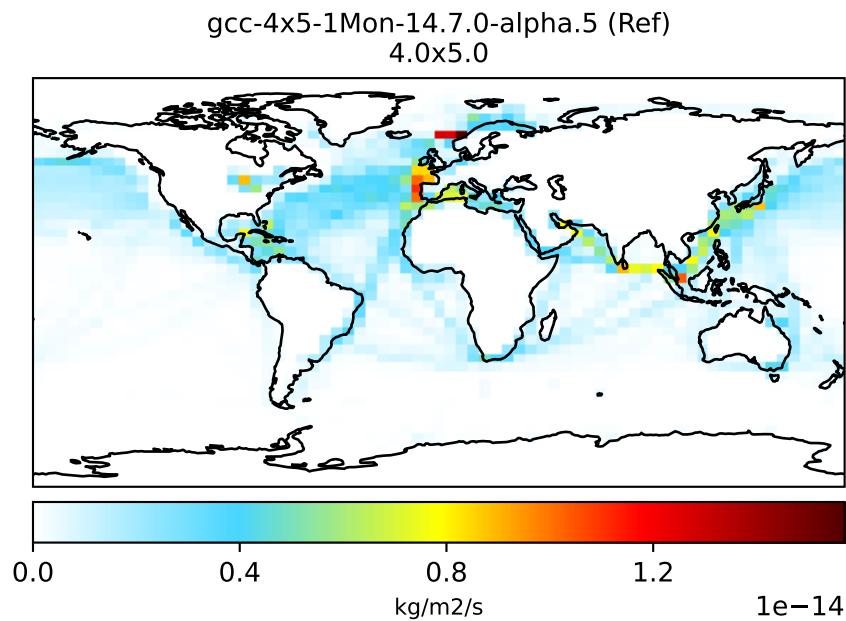
Ratio
Dev/Ref, Fixed Range



EmispFe_Anthro

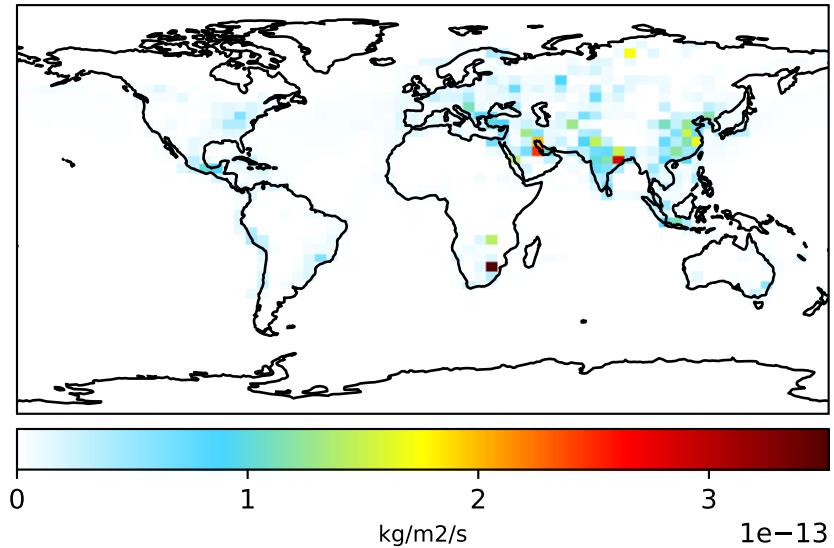


EmispFe_Ship

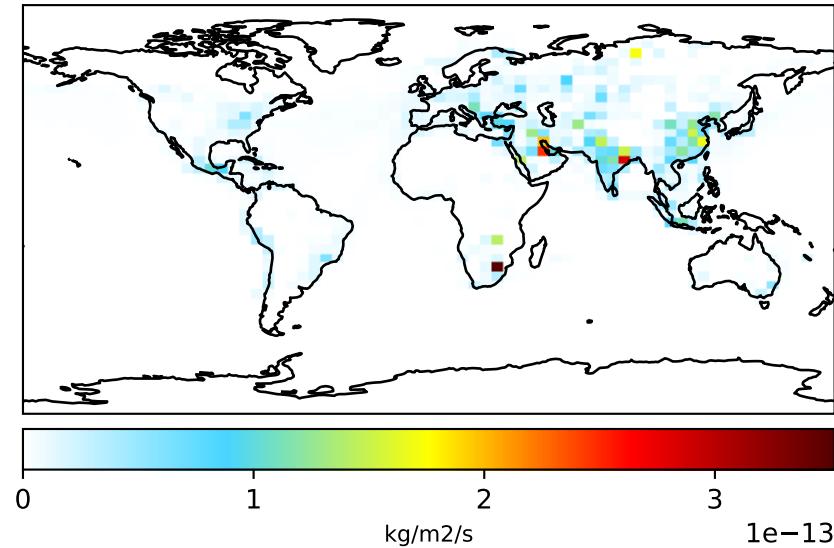


EmispFe_Total

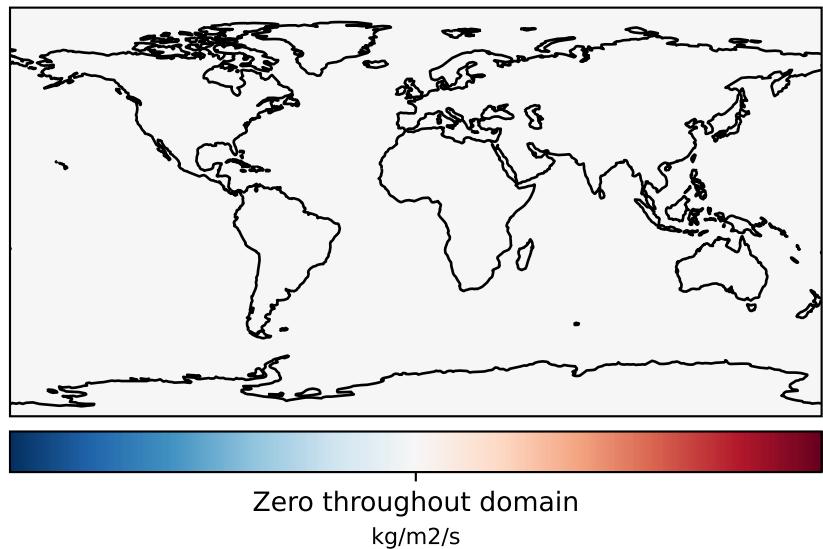
gcc-4x5-1Mon-14.7.0-alpha.5 (Ref)
4.0x5.0



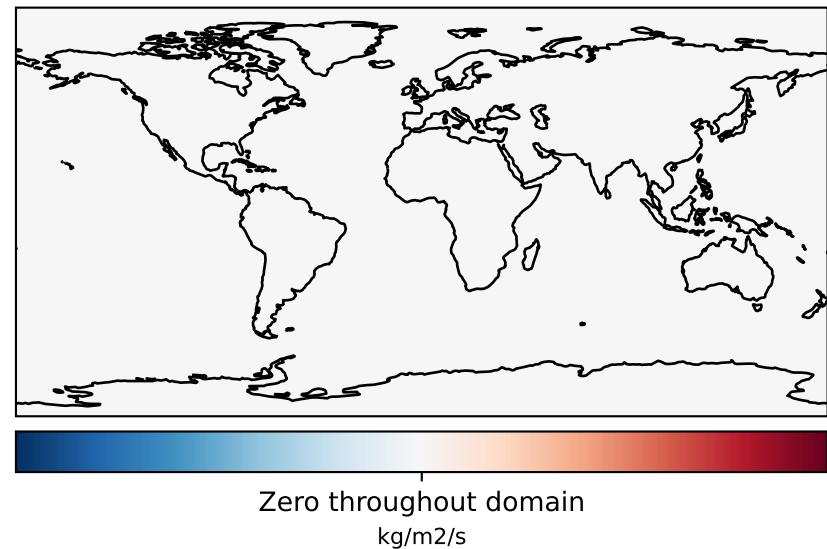
gcc-4x5-1Mon-14.7.0-alpha.6 (Dev)
4.0x5.0



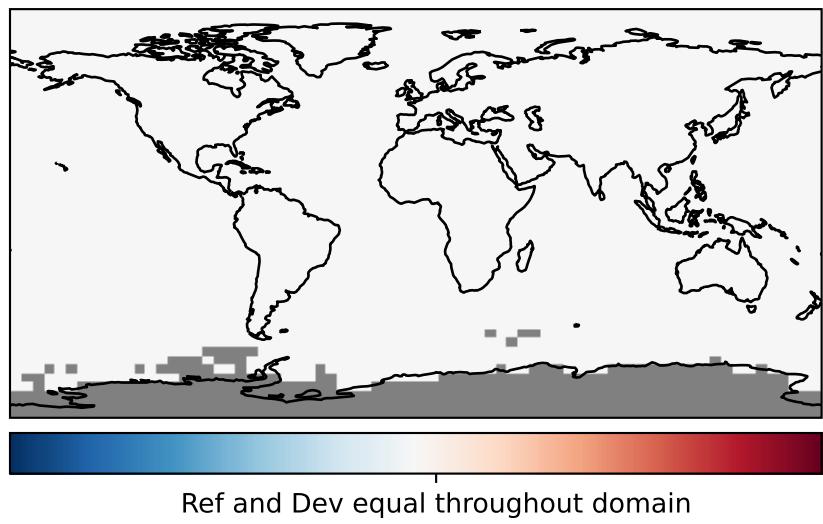
Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

