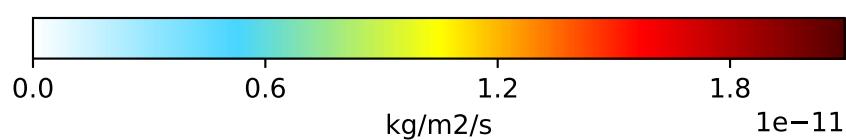
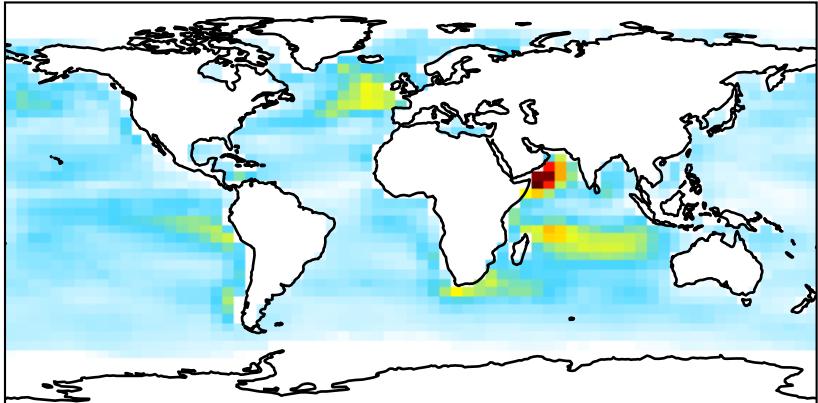
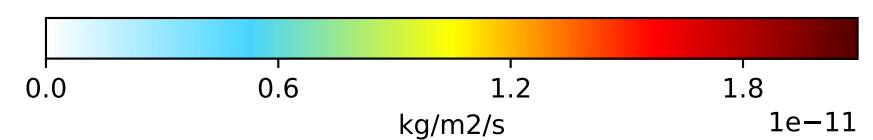
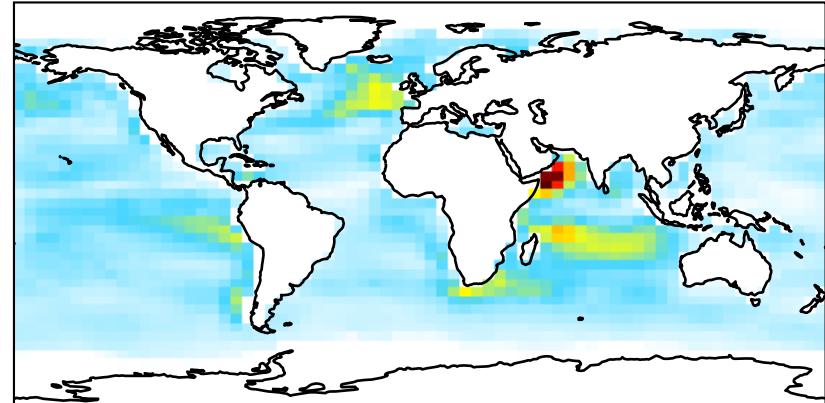


EmisDMS_Ocean (Jul2019)

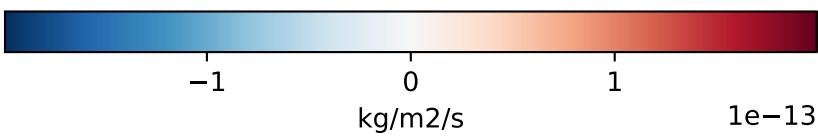
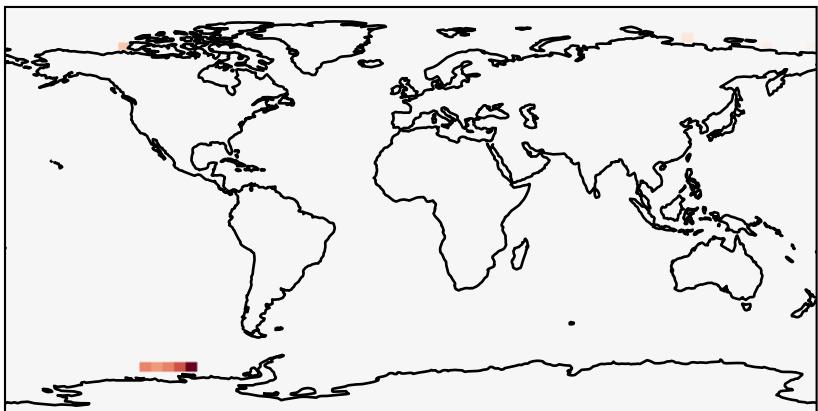
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



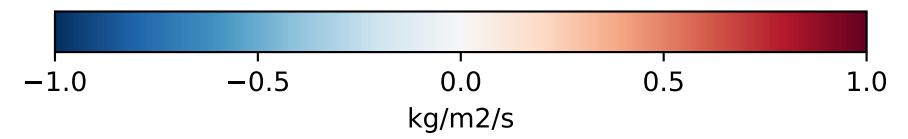
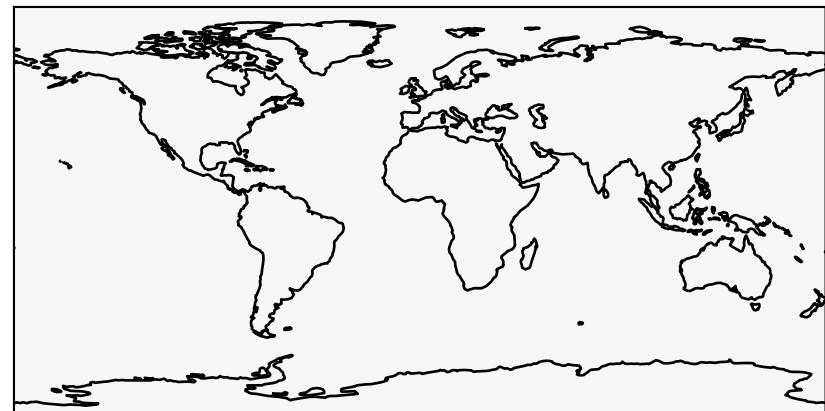
GCC_13.4.0-rc.1 (Dev)
4.0x5.0



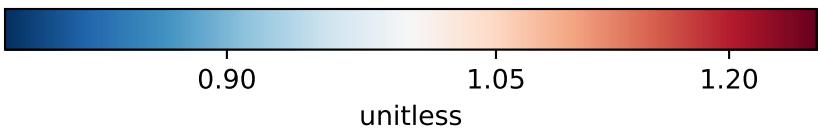
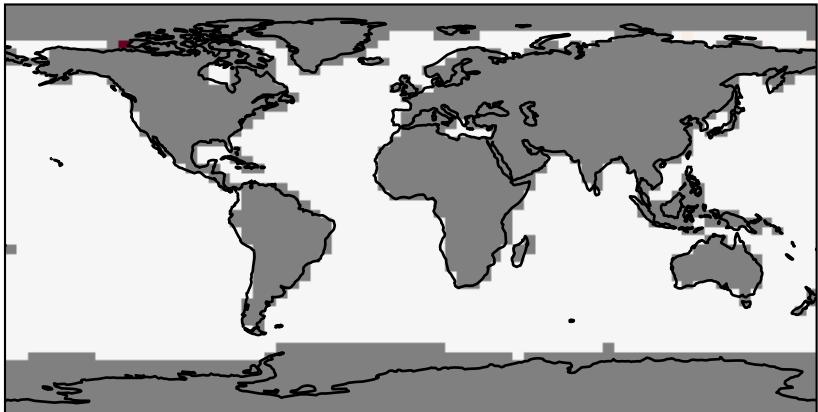
Difference
Dev - Ref, Dynamic Range



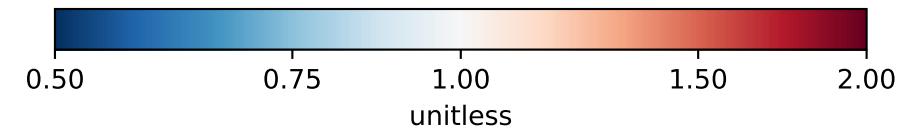
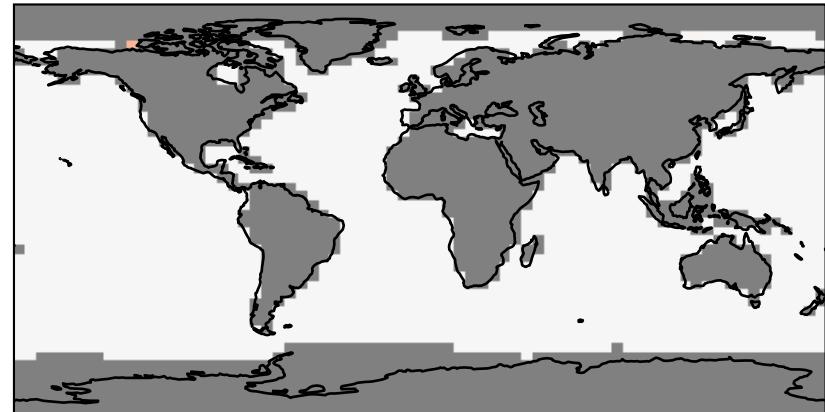
Difference
Dev - Ref, Restricted Range [5%,95%]



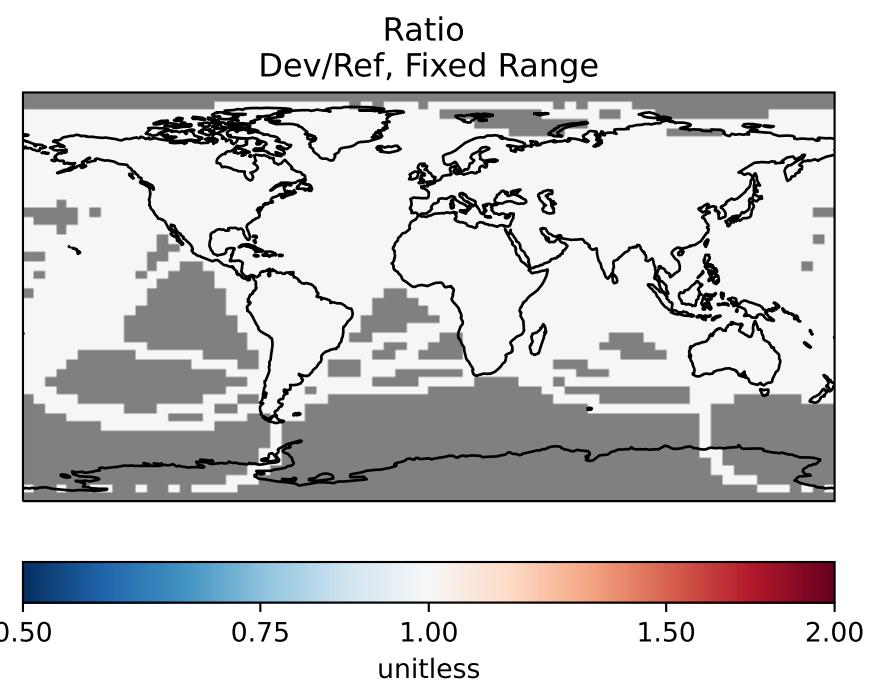
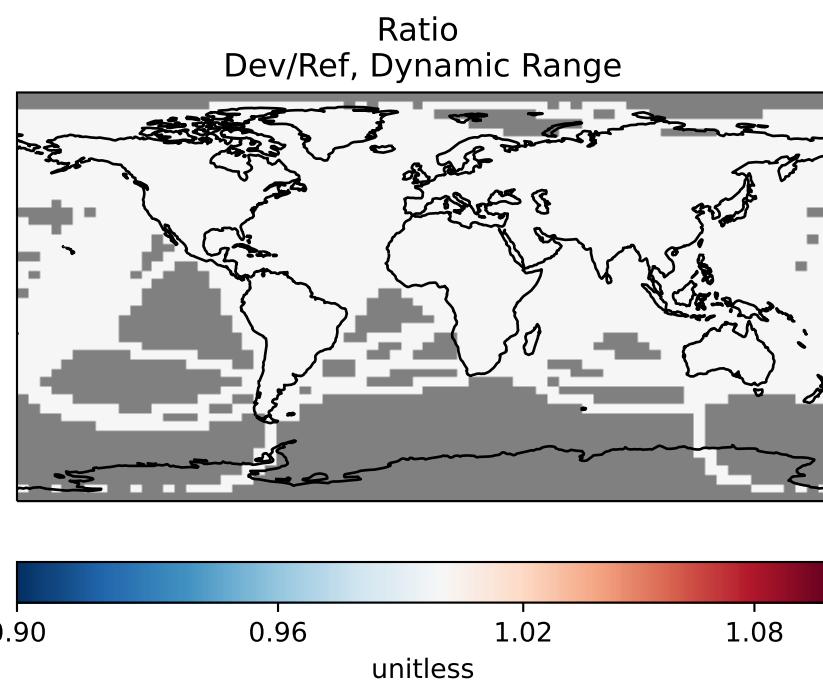
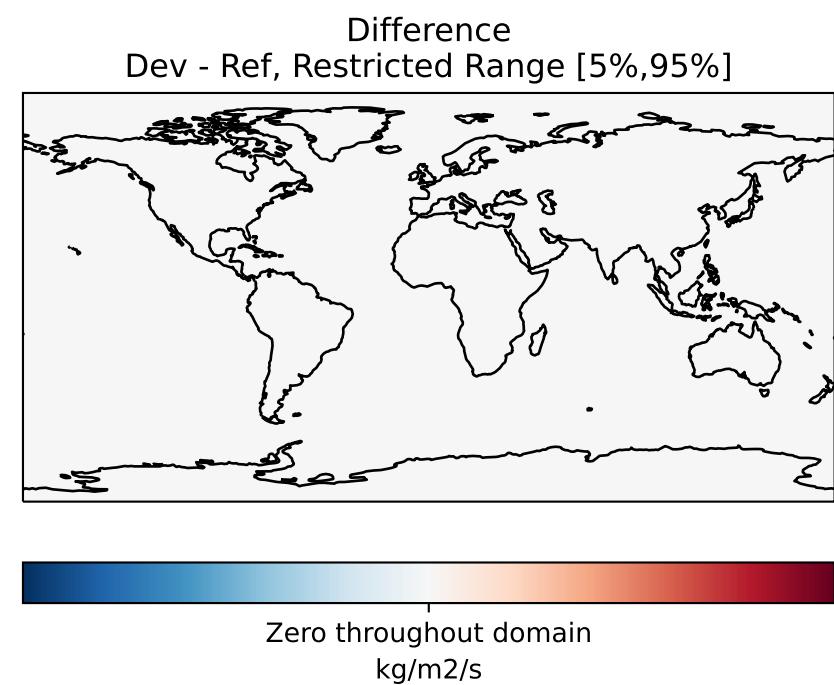
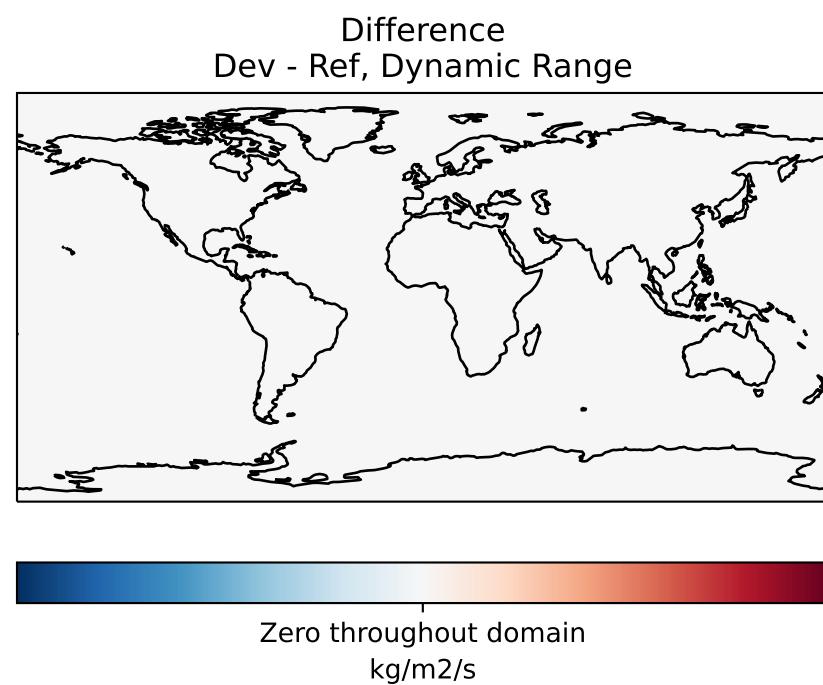
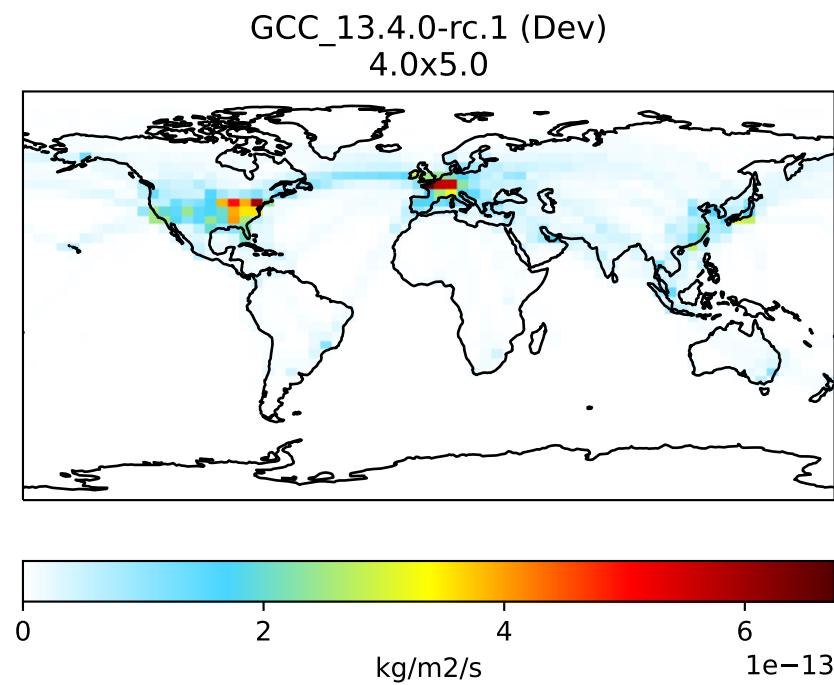
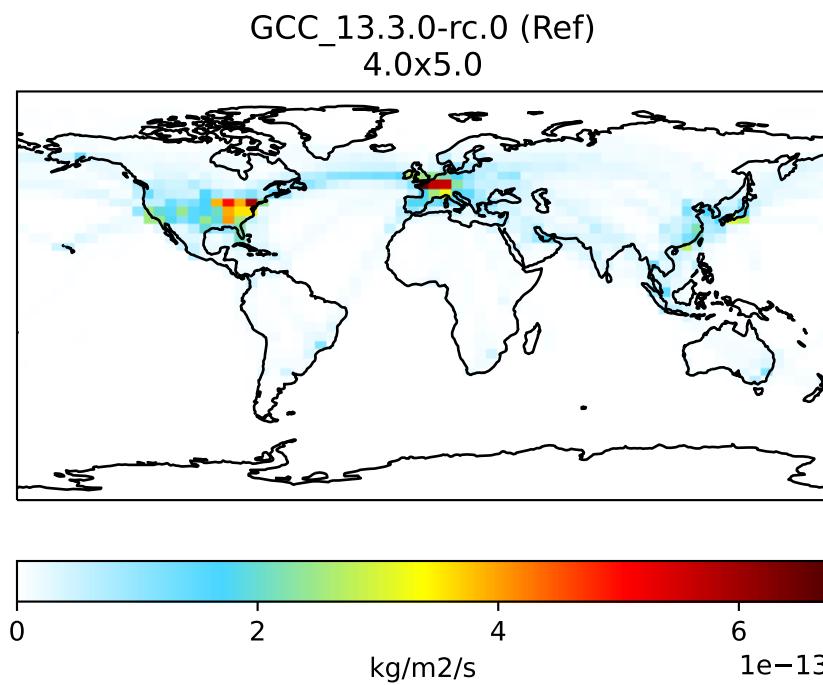
Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

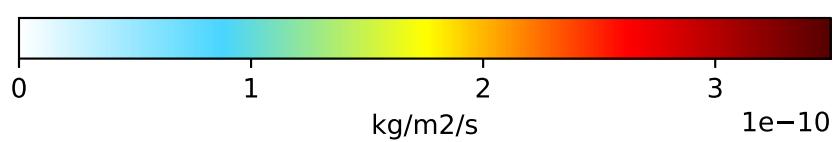
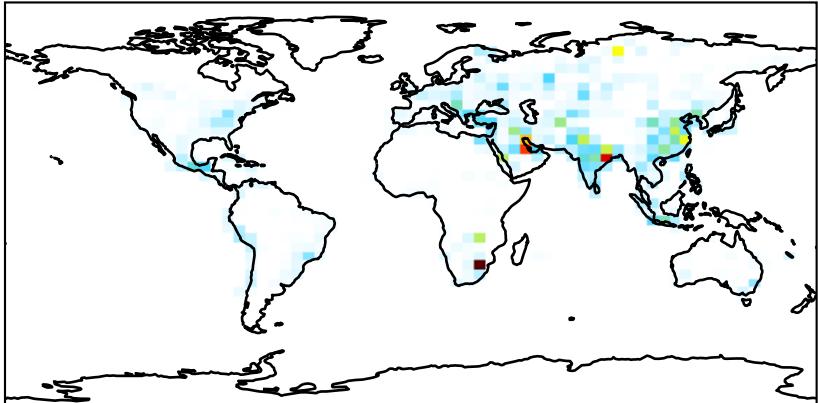


EmisSO2_Aircraft (Jul2019)

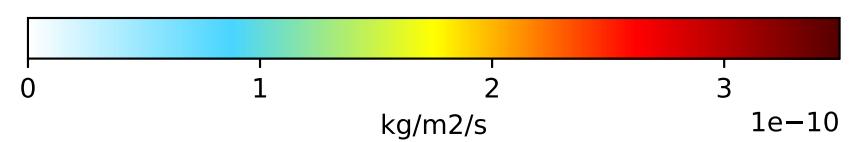
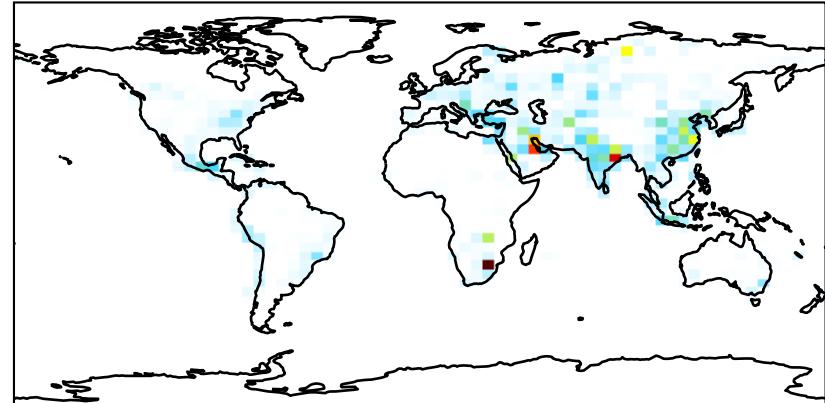


EmisSO2_Anthro (Jul2019)

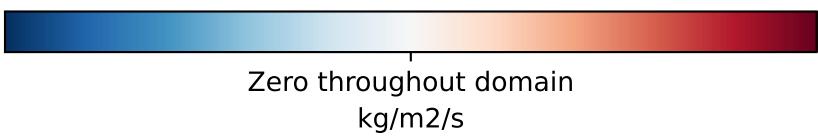
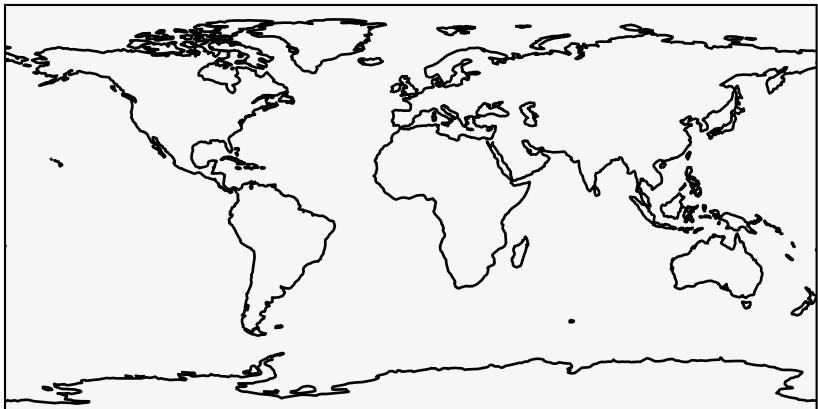
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



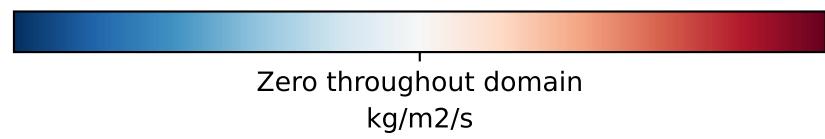
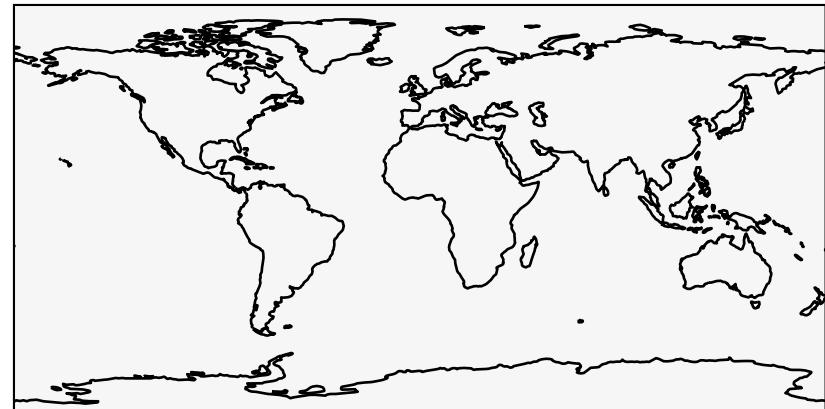
GCC_13.4.0-rc.1 (Dev)
4.0x5.0



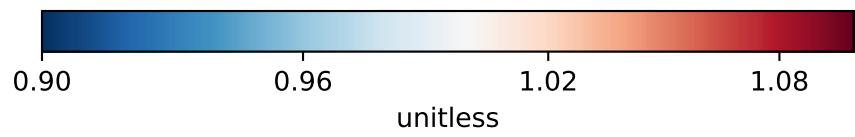
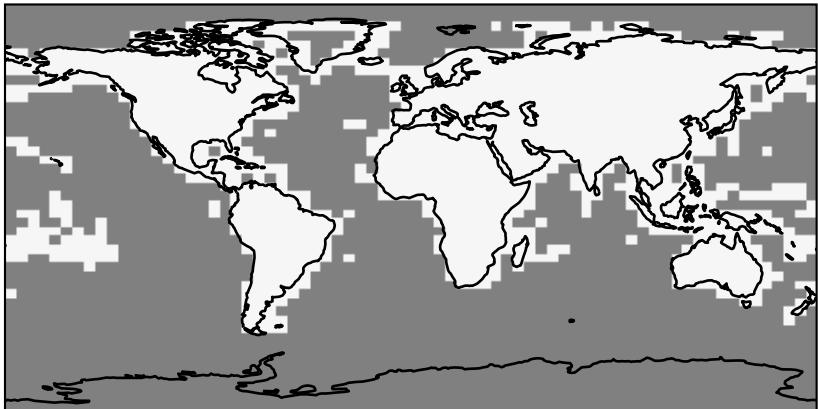
Difference
Dev - Ref, Dynamic Range



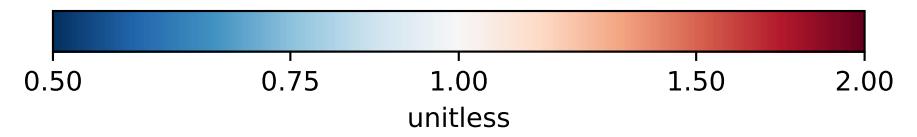
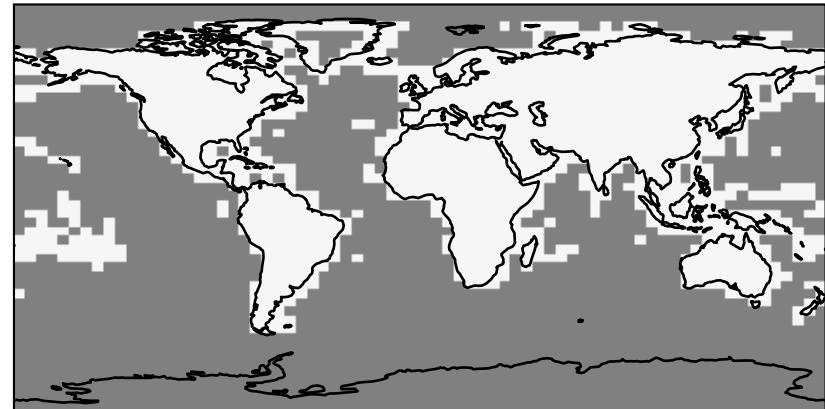
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

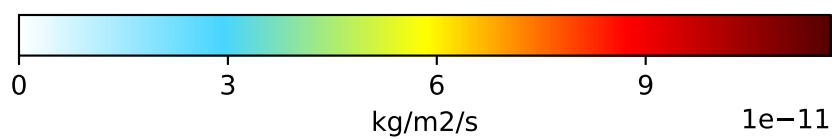
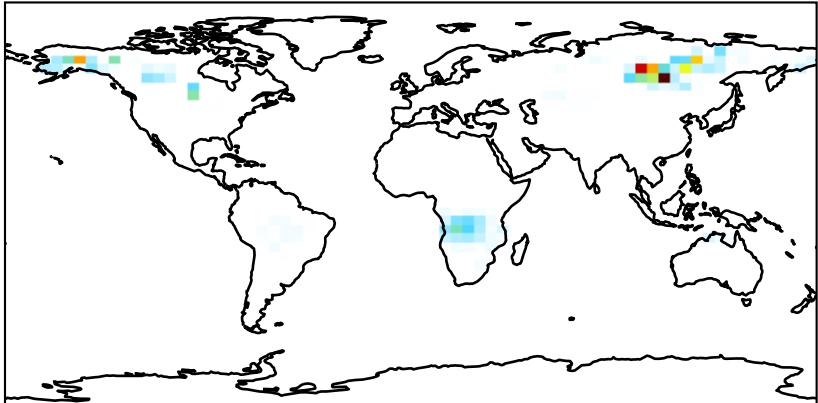


Ratio
Dev/Ref, Fixed Range

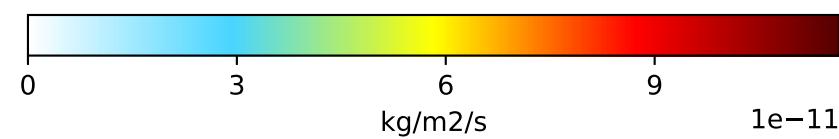
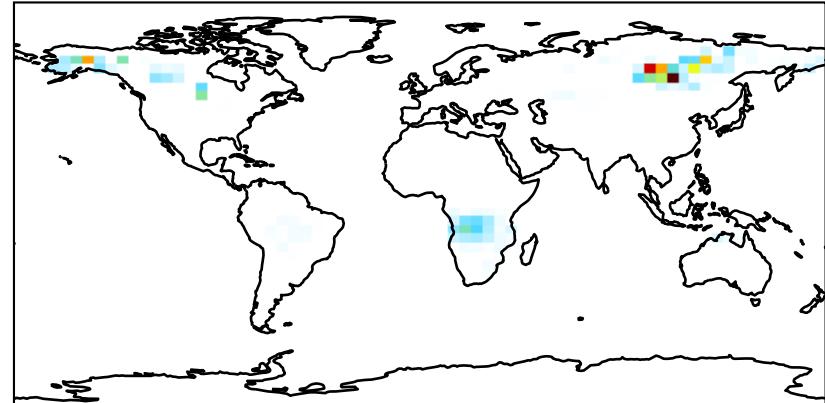


EmisSO2_BioBurn (Jul2019)

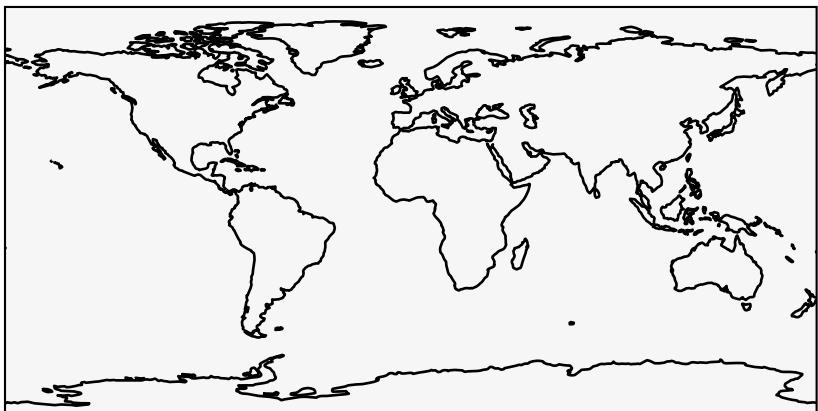
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



GCC_13.4.0-rc.1 (Dev)
4.0x5.0

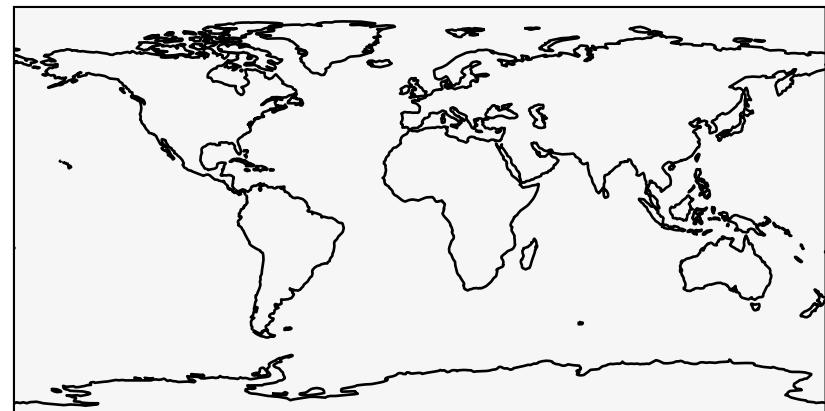


Difference
Dev - Ref, Dynamic Range



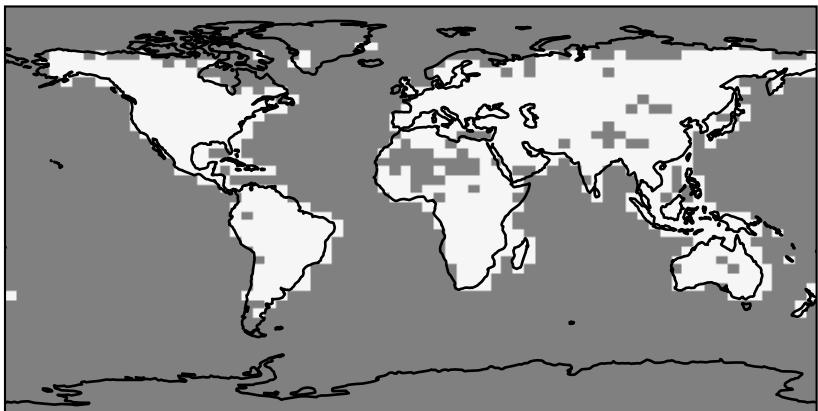
Zero throughout domain
kg/m²/s

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



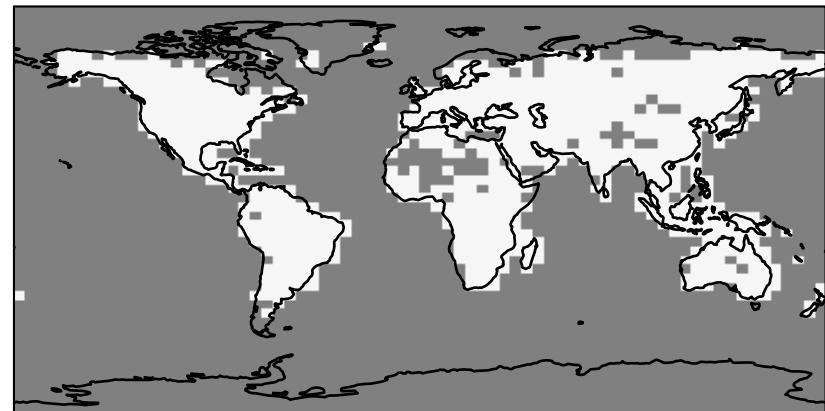
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



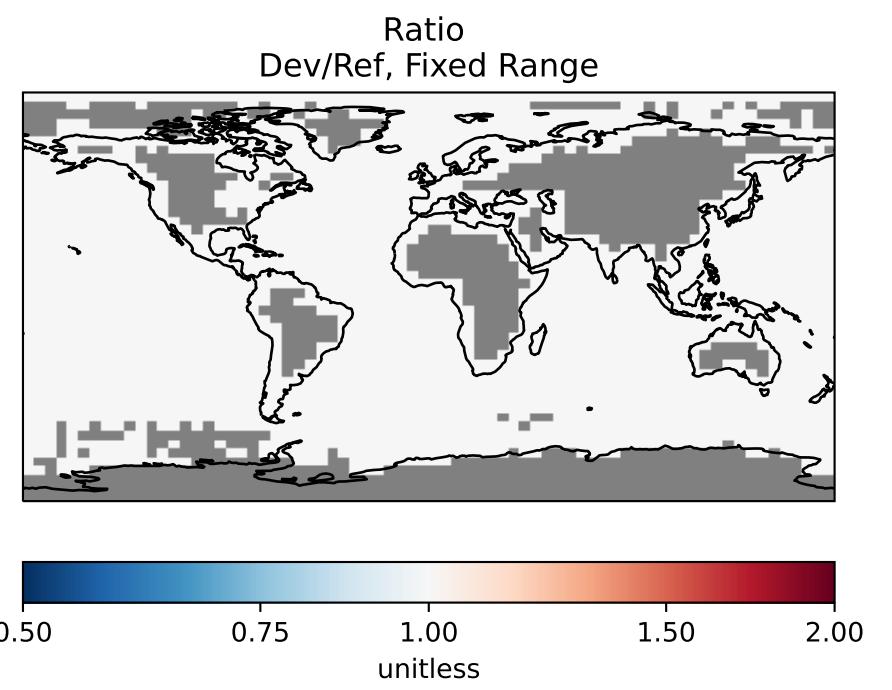
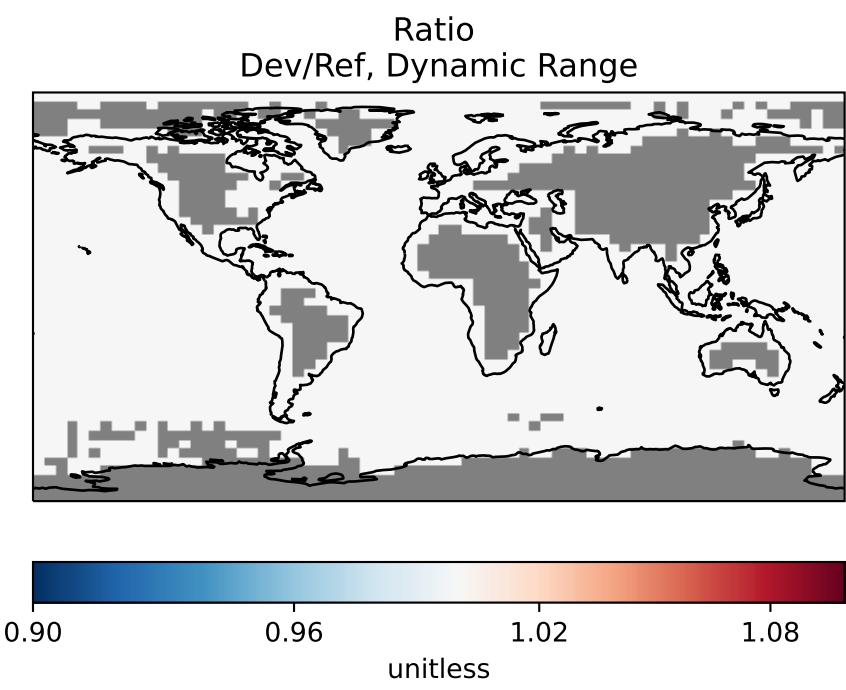
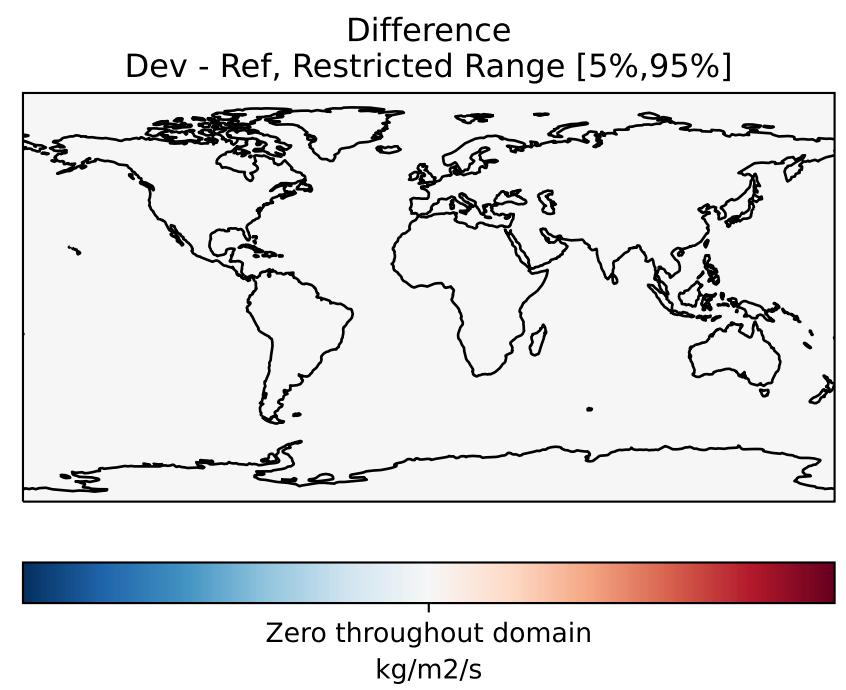
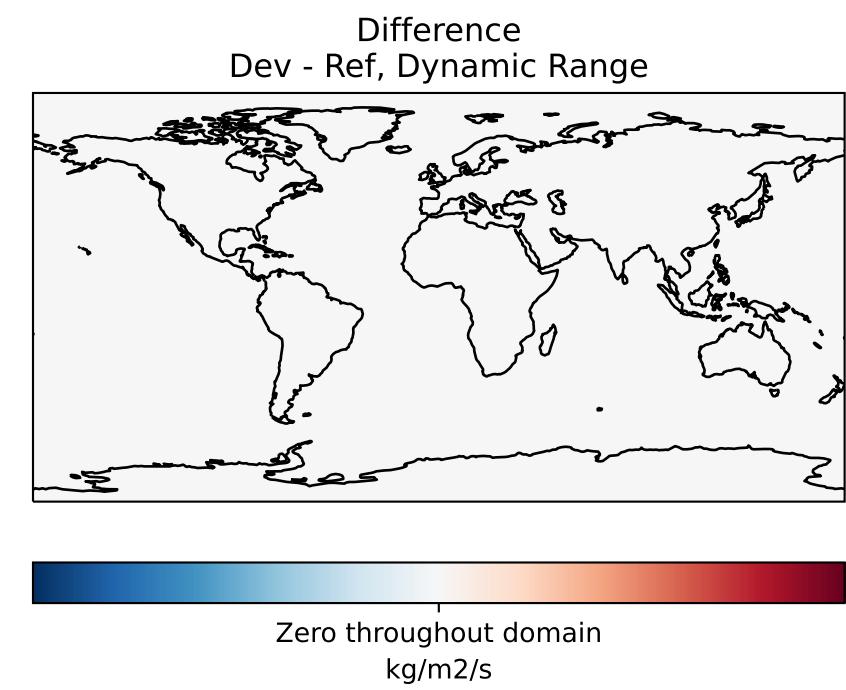
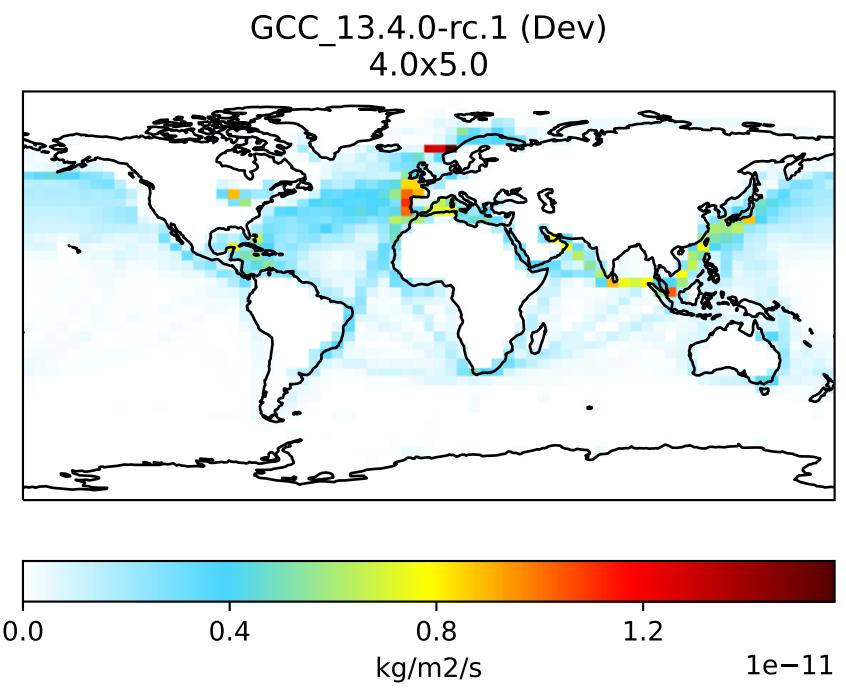
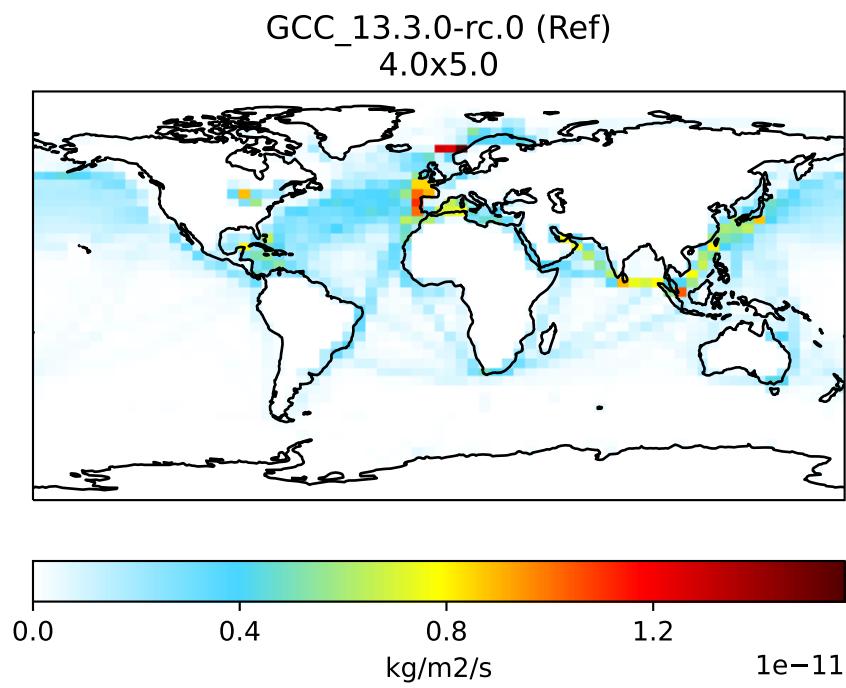
0.90 0.96 1.02 1.08
unitless

Ratio
Dev/Ref, Fixed Range



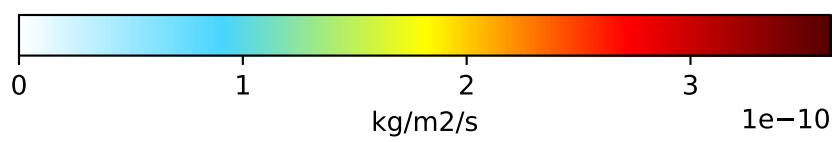
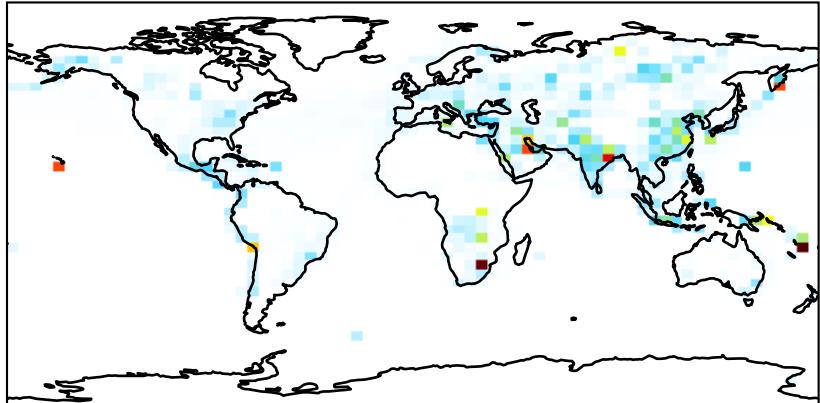
0.50 0.75 1.00 1.50 2.00
unitless

EmisSO2_Ship (Jul2019)

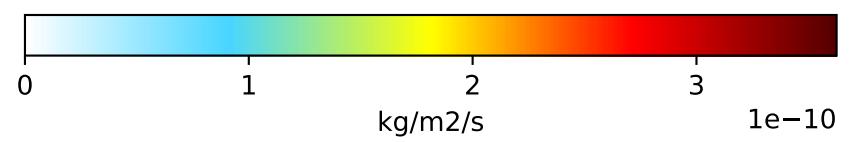
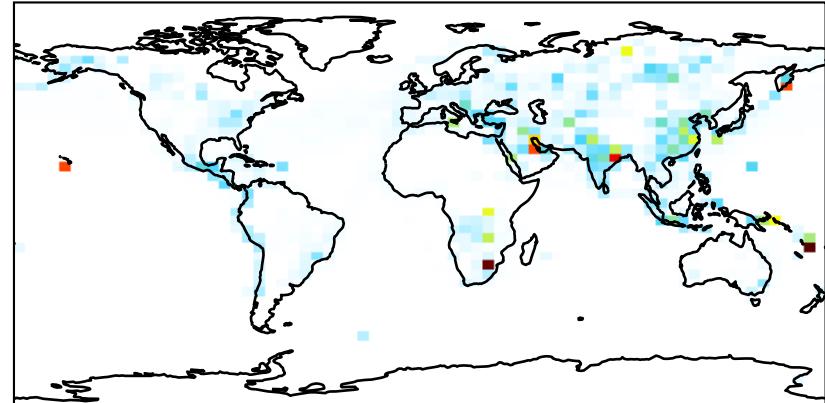


EmisSO2_Total (Jul2019)

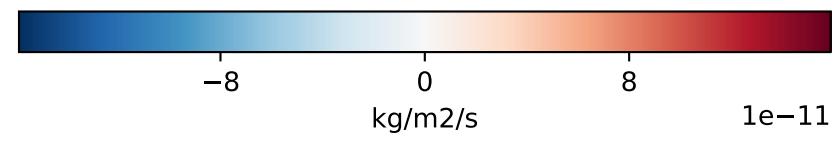
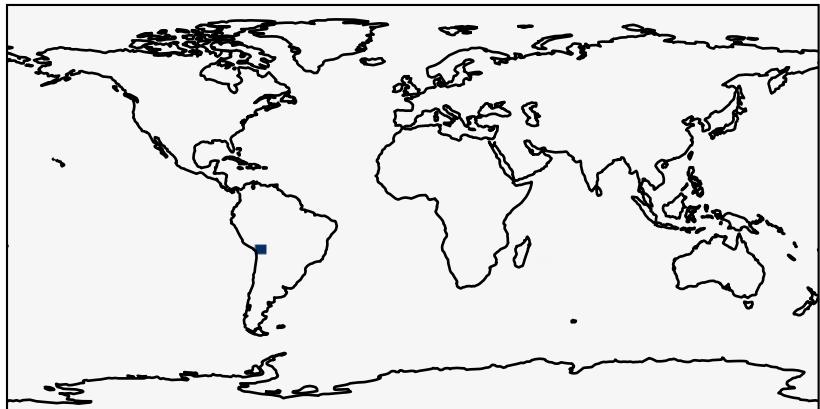
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



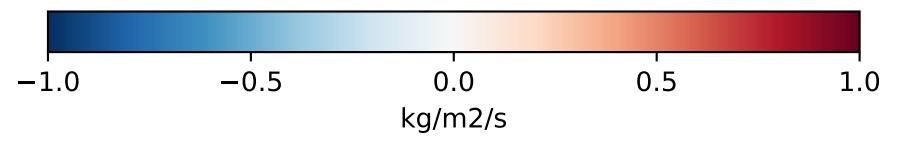
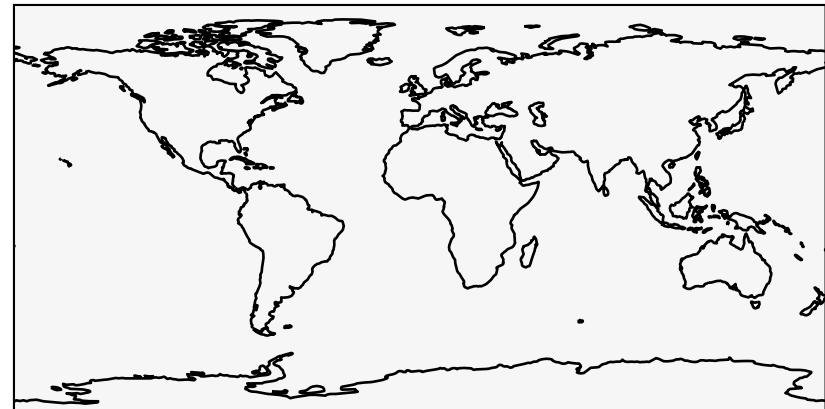
GCC_13.4.0-rc.1 (Dev)
4.0x5.0



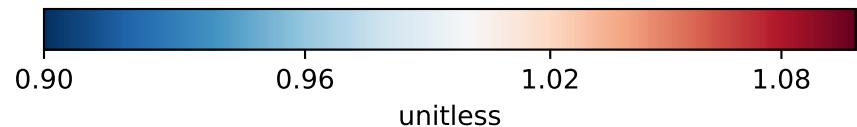
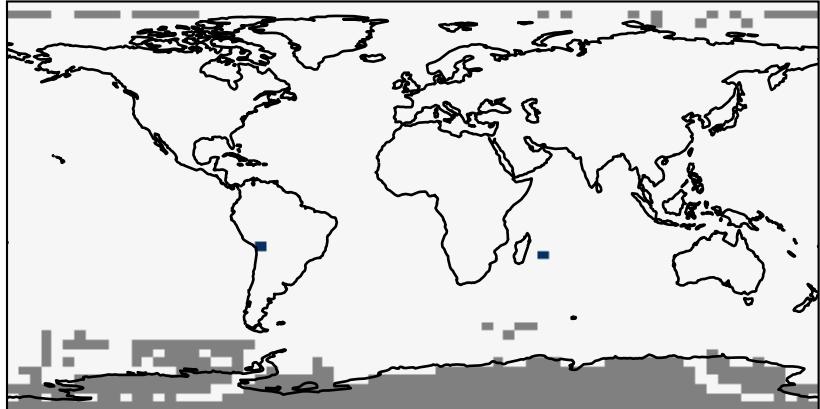
Difference
Dev - Ref, Dynamic Range



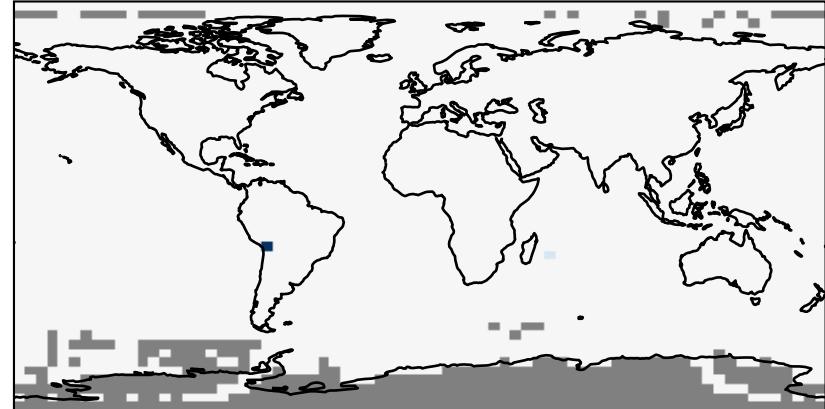
Difference
Dev - Ref, Restricted Range [5%, 95%]



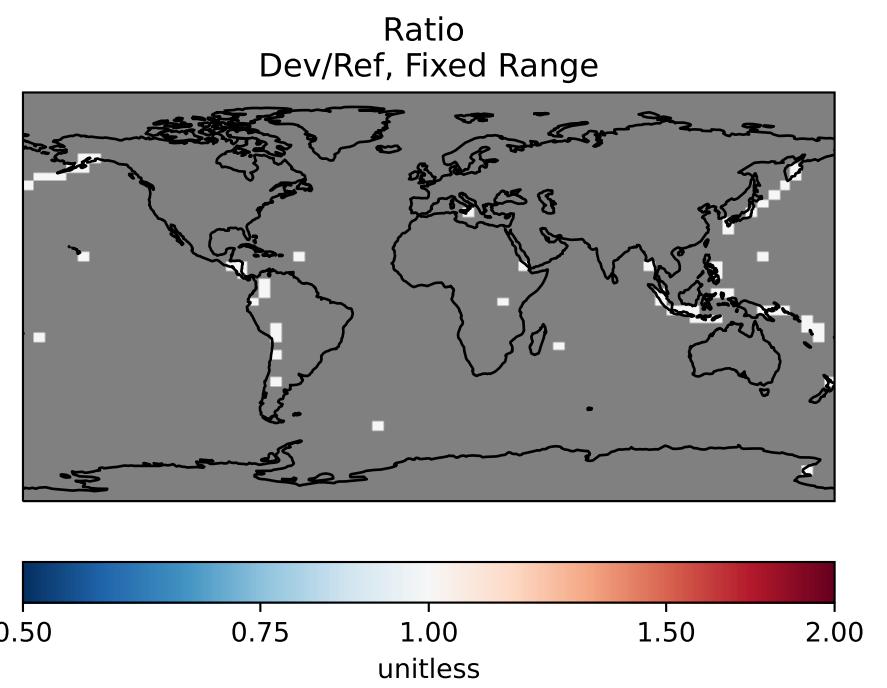
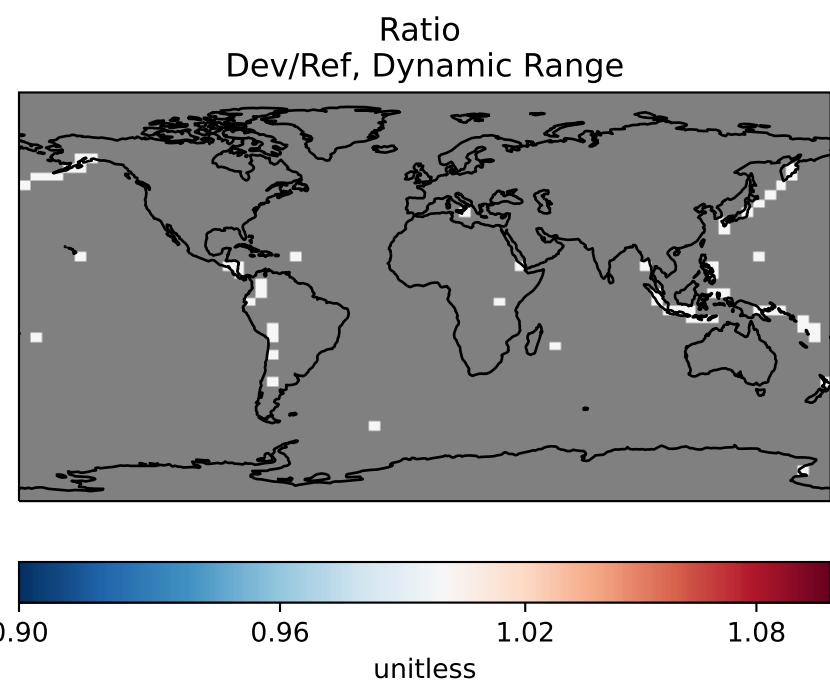
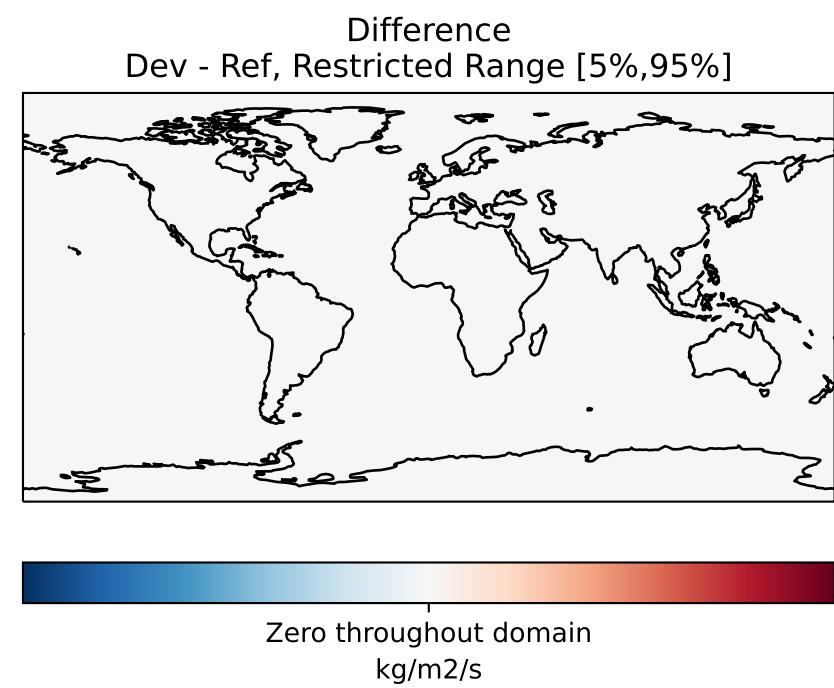
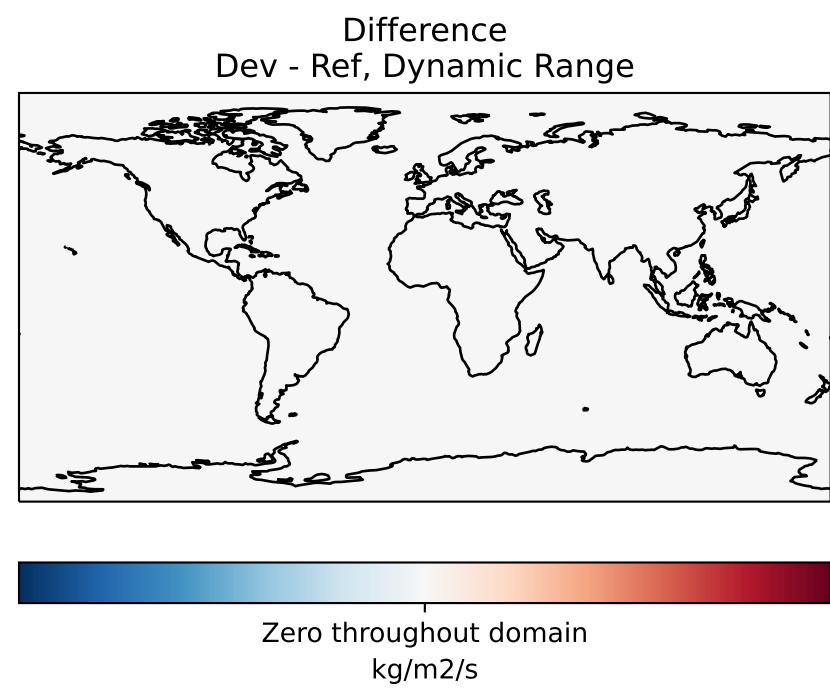
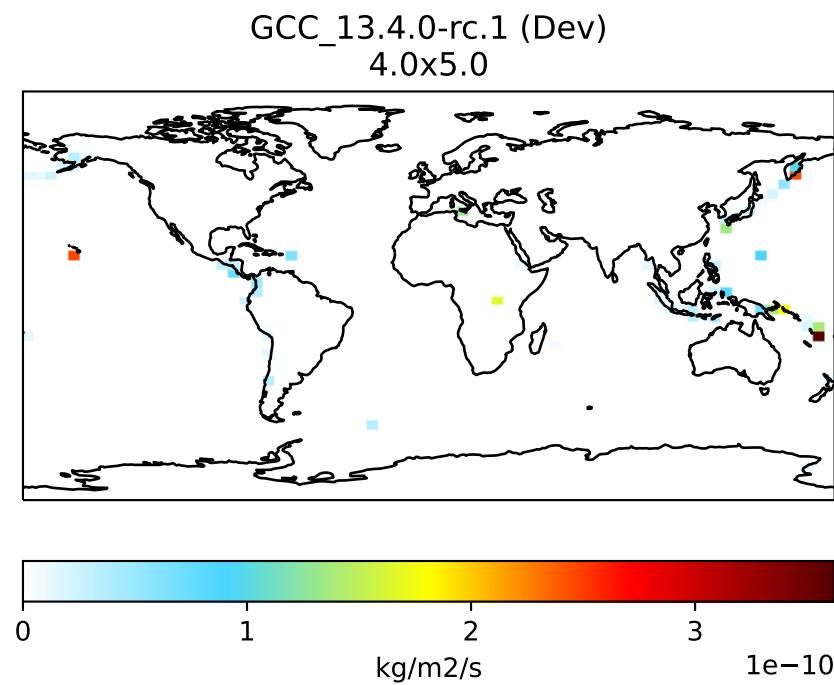
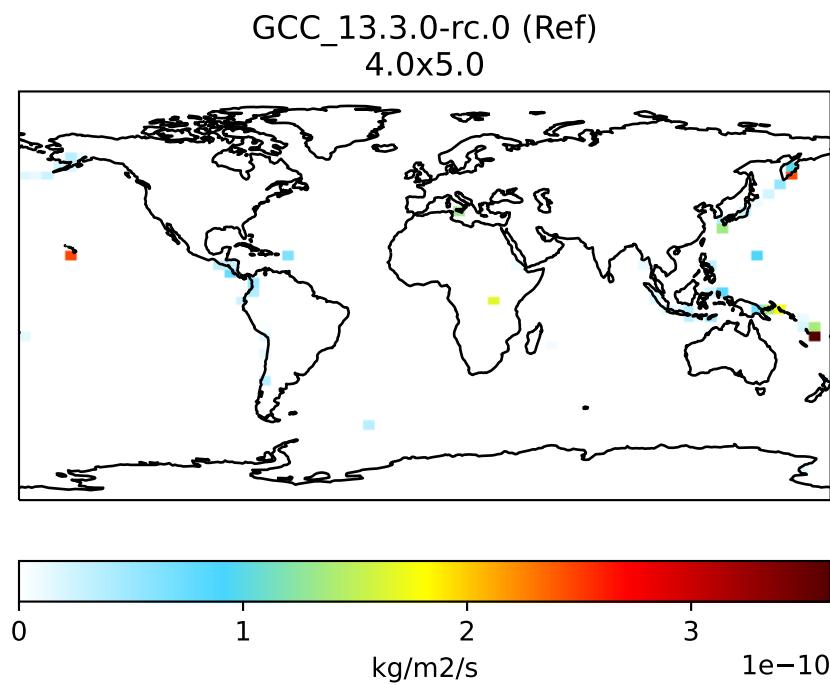
Ratio
Dev/Ref, Dynamic Range



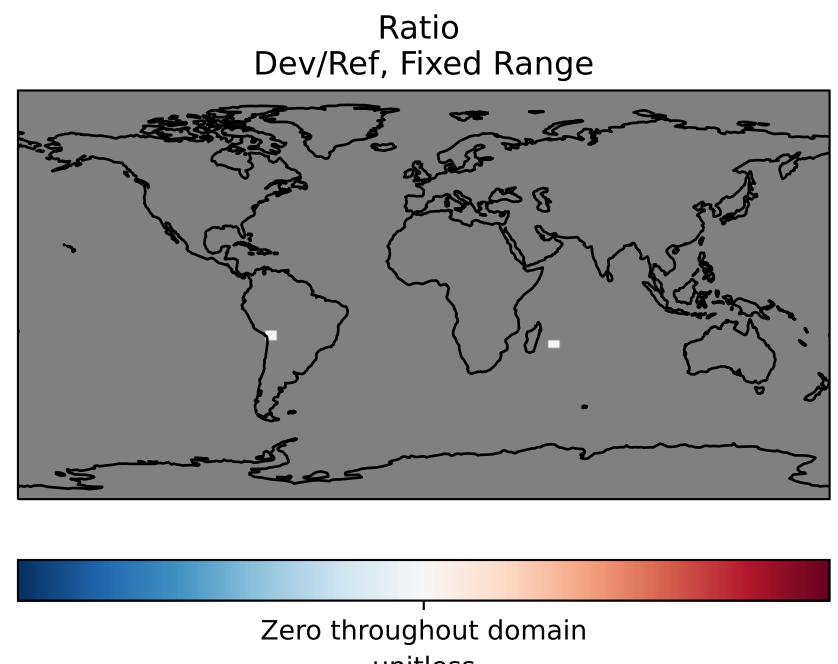
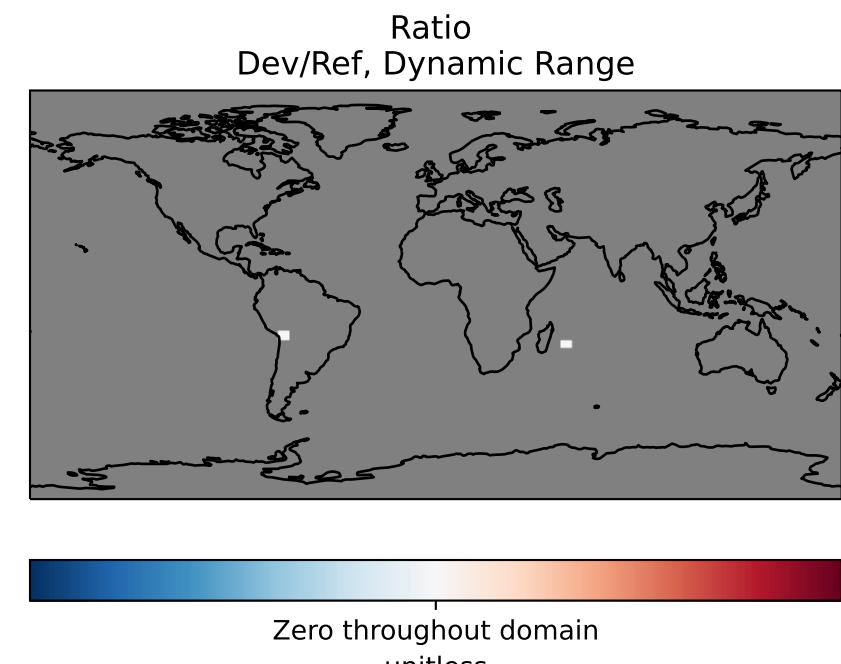
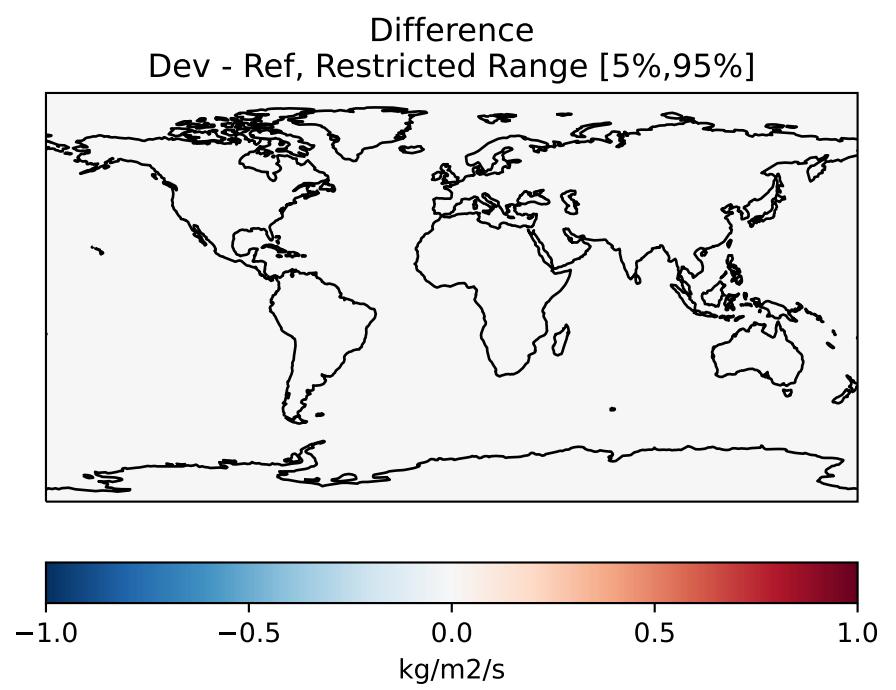
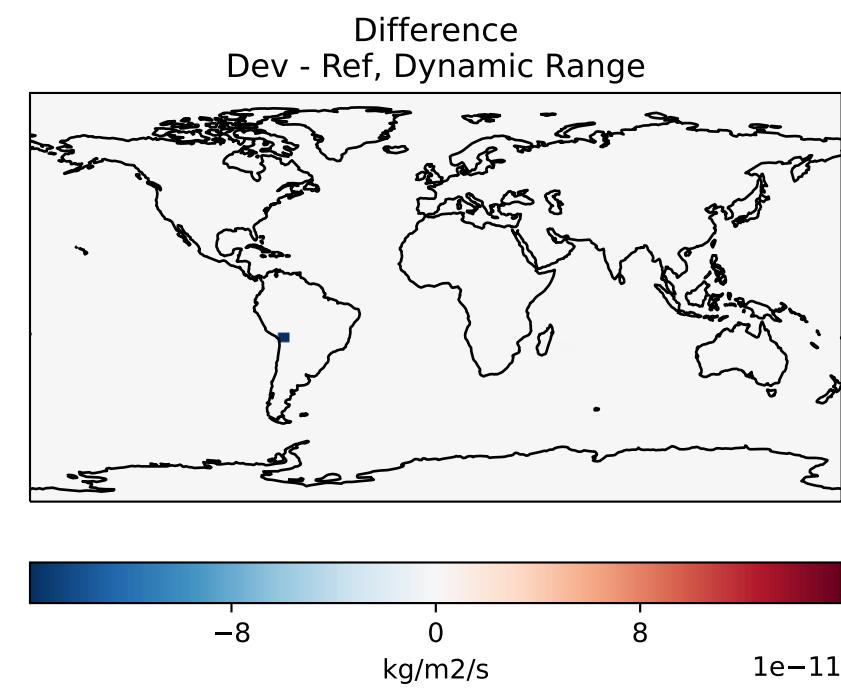
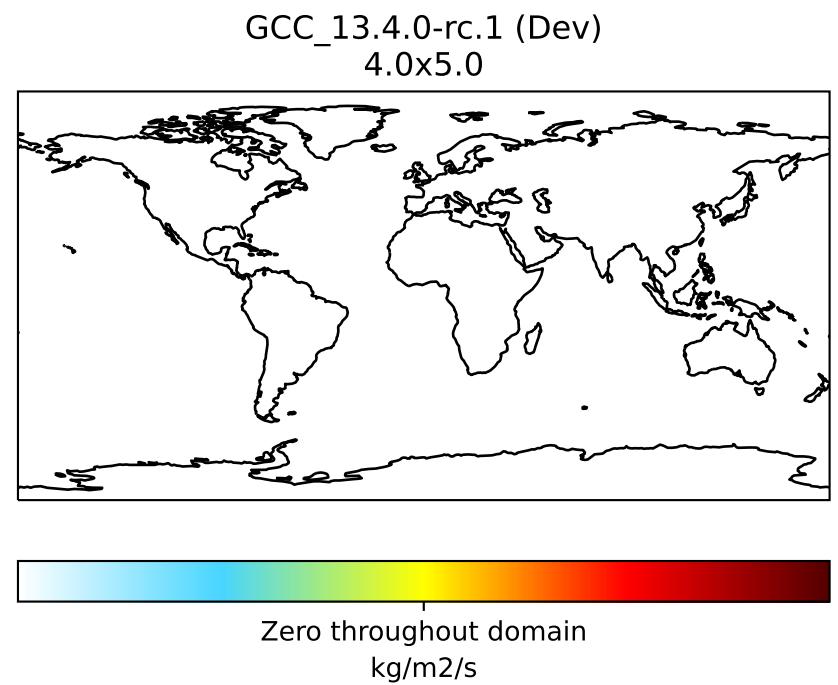
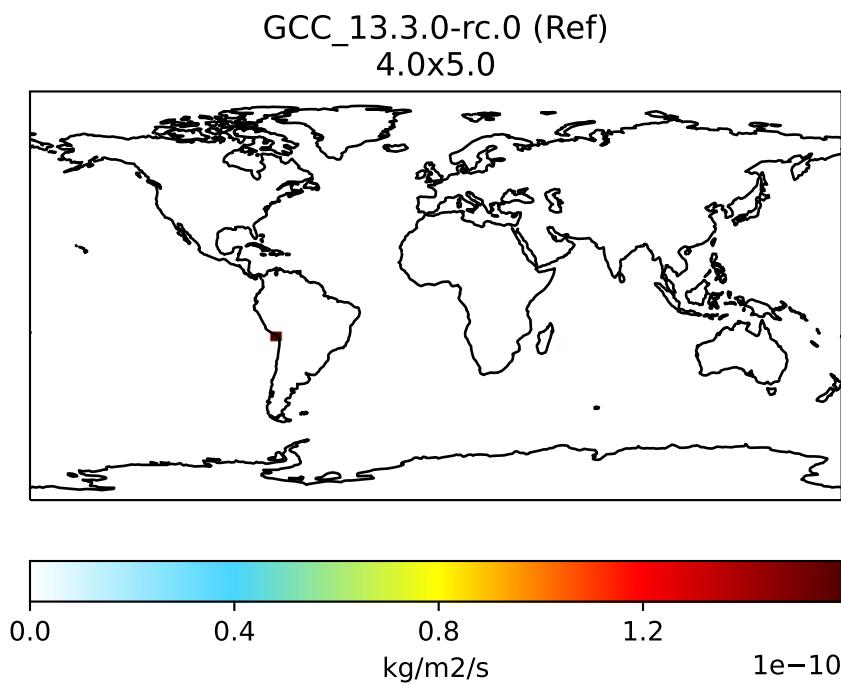
Ratio
Dev/Ref, Fixed Range



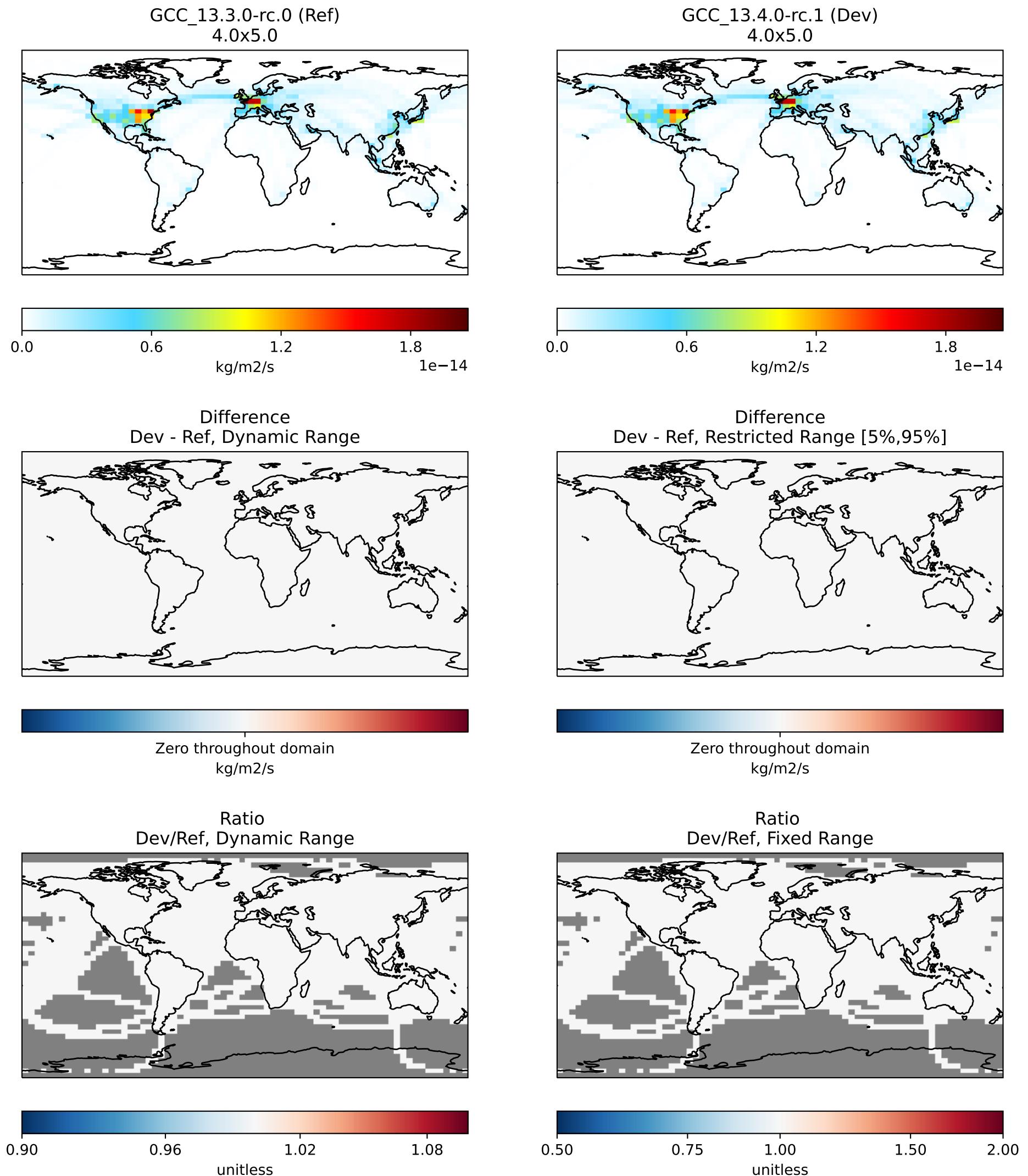
EmisSO2_VolcDegas (Jul2019)



EmisSO2_VolcErupt (Jul2019)

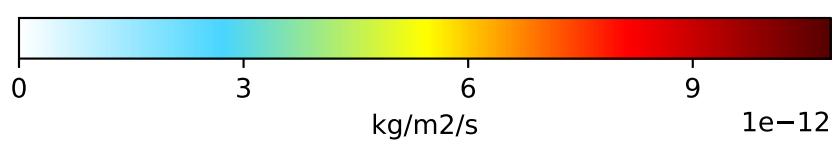
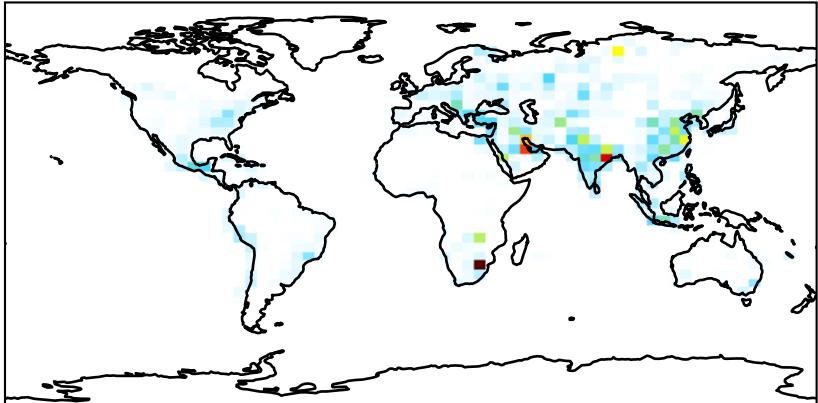


EmisSO4_Aircraft (Jul2019)

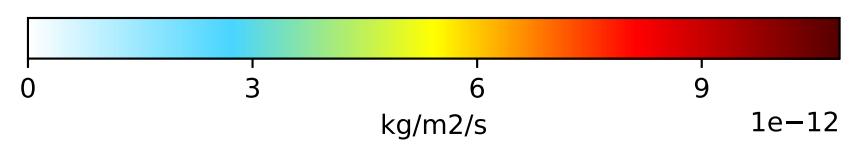
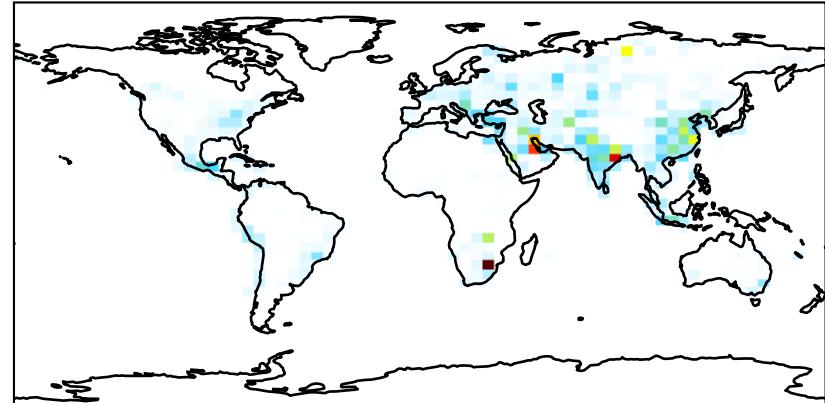


EmisSO4_Anthro (Jul2019)

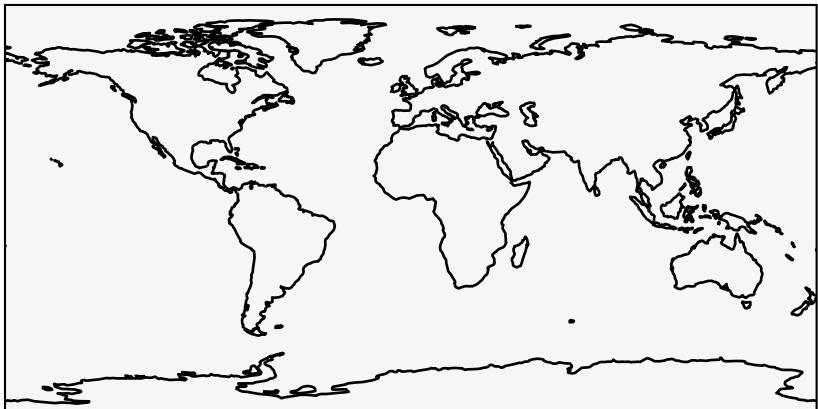
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



GCC_13.4.0-rc.1 (Dev)
4.0x5.0

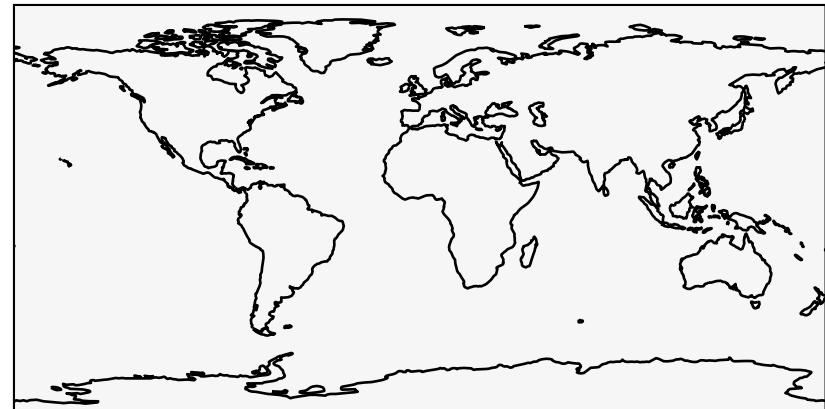


Difference
Dev - Ref, Dynamic Range



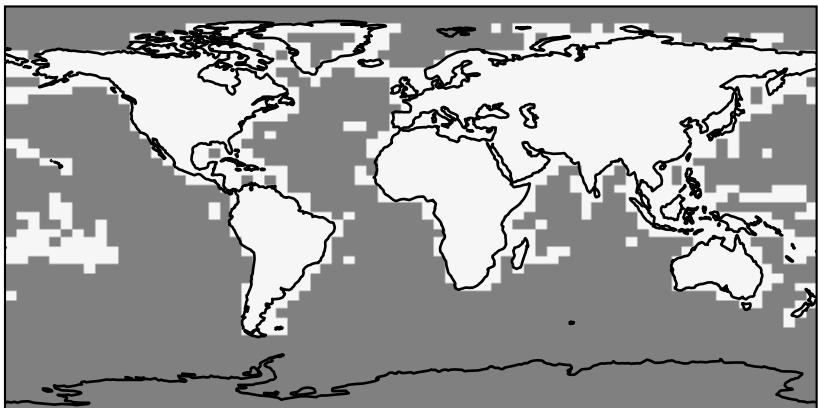
Zero throughout domain
kg/m²/s

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

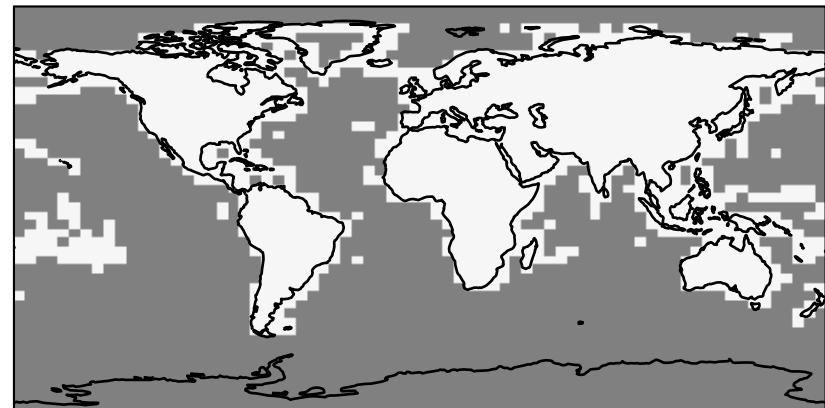


Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range

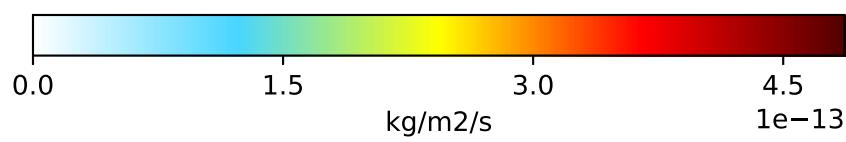
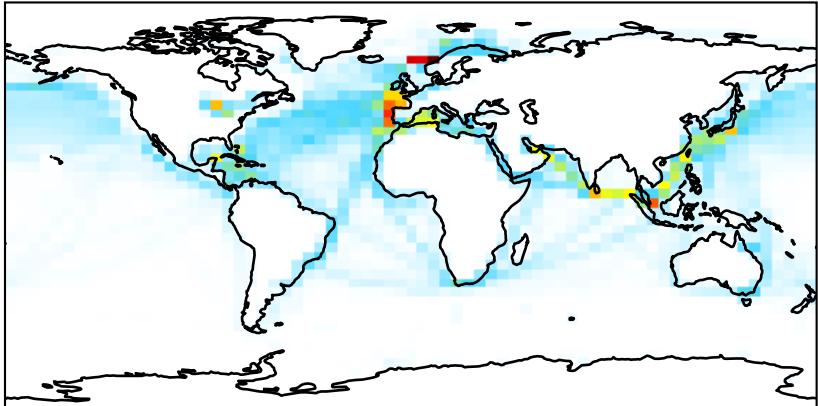


Ratio
Dev/Ref, Fixed Range

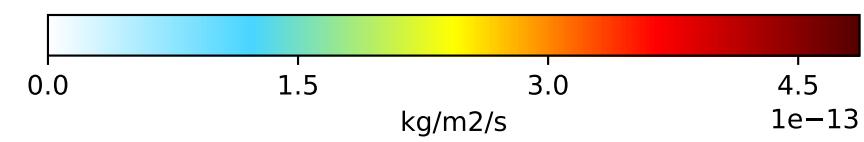
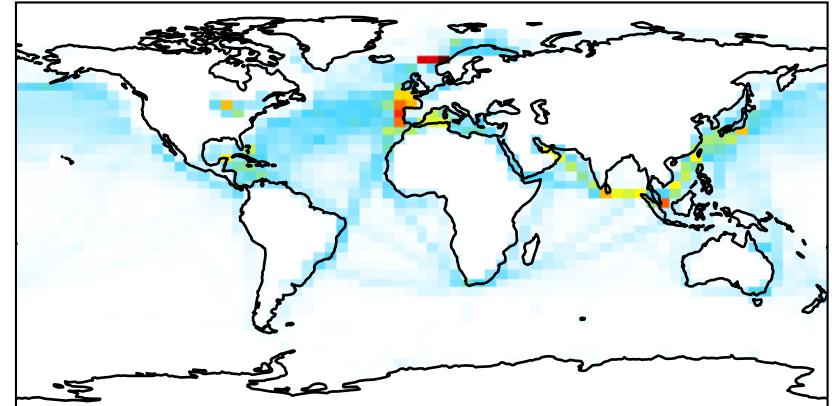


EmisSO4_Ship (Jul2019)

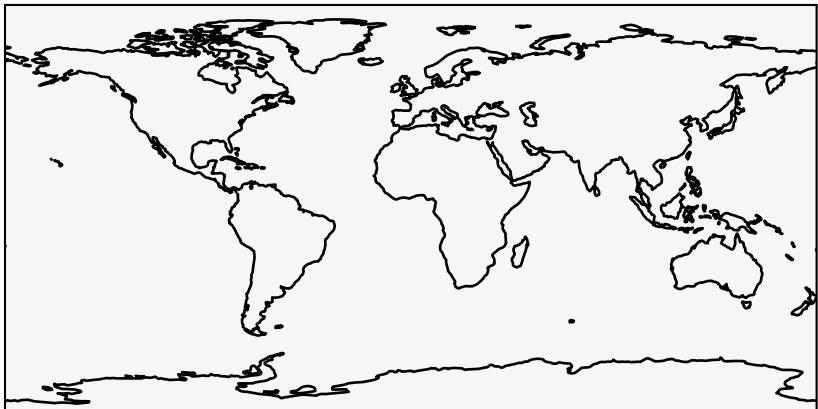
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



GCC_13.4.0-rc.1 (Dev)
4.0x5.0

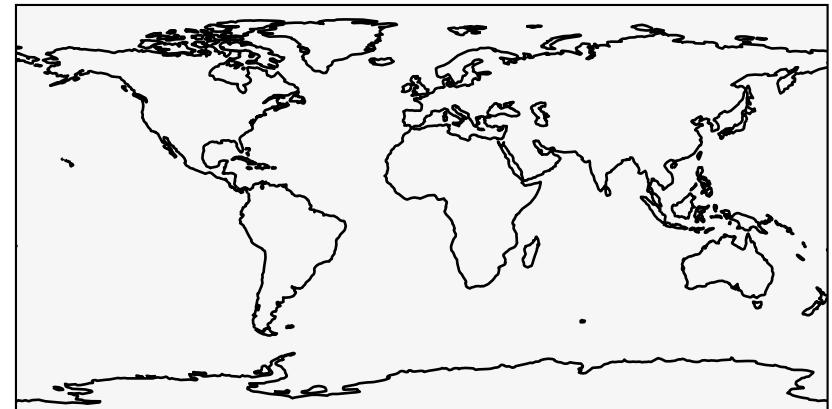


Difference
Dev - Ref, Dynamic Range



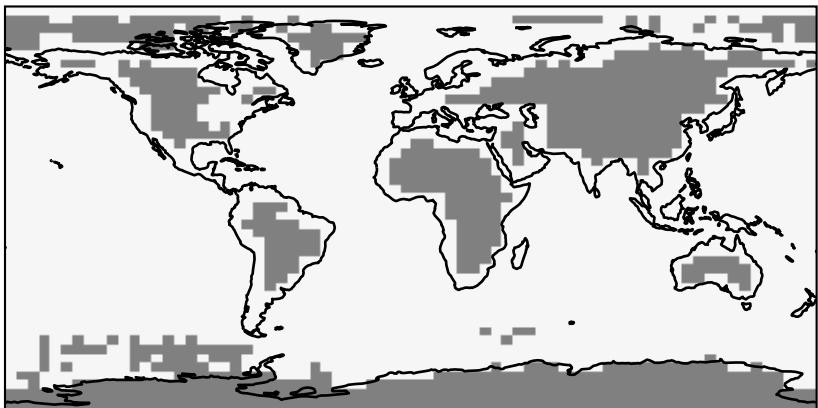
Zero throughout domain
kg/m²/s

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



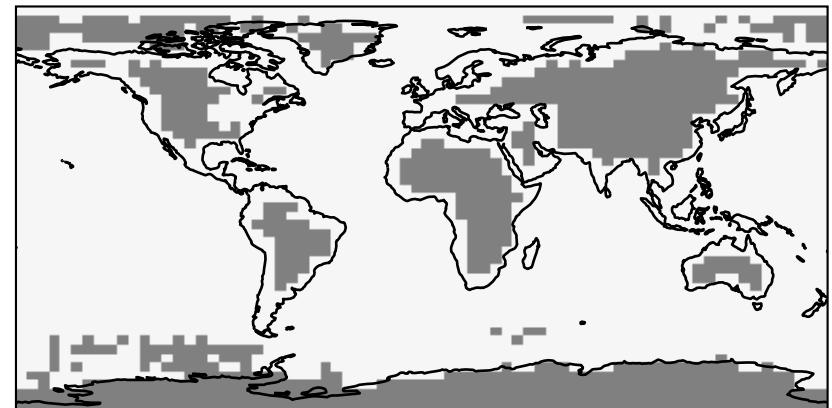
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



0.90 0.96 1.02 1.08
unitless

Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

EmisSO4_Total (Jul2019)

