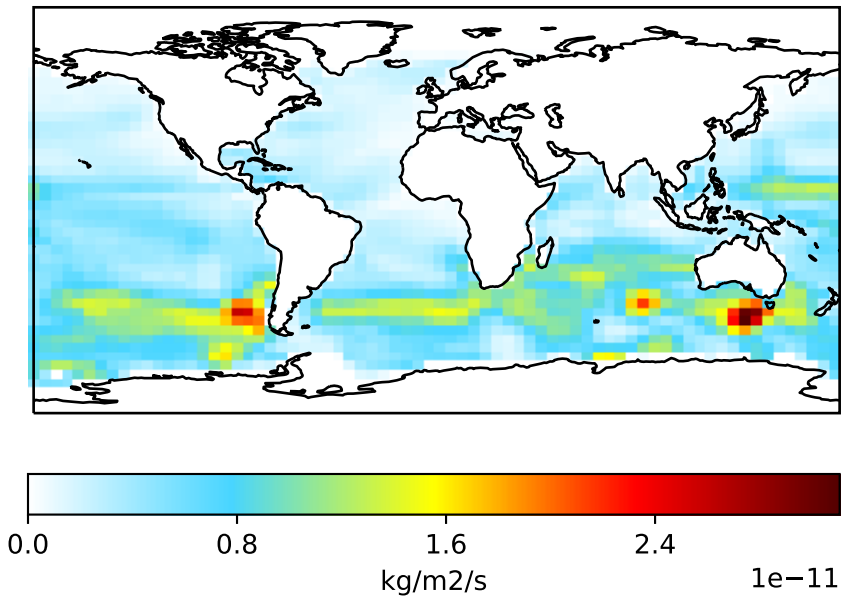
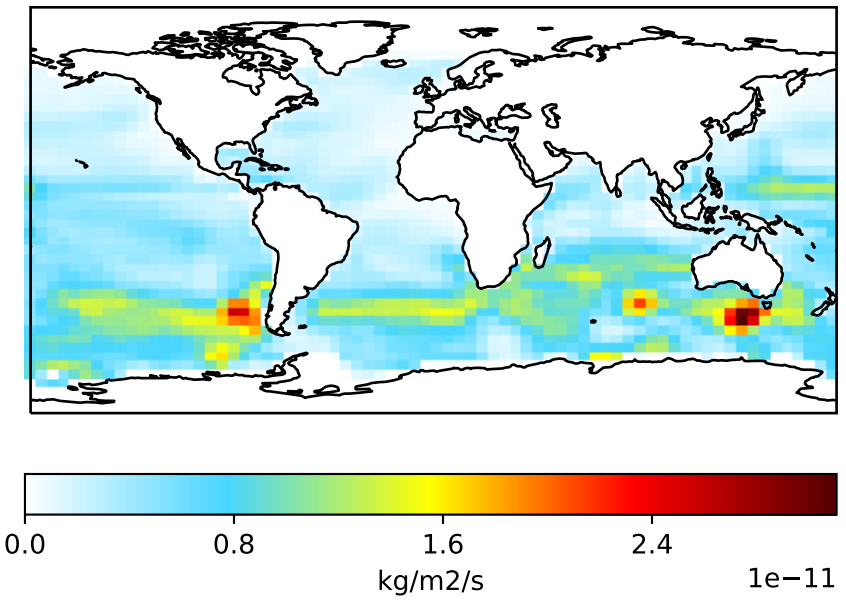
EmisDMS_Ocean

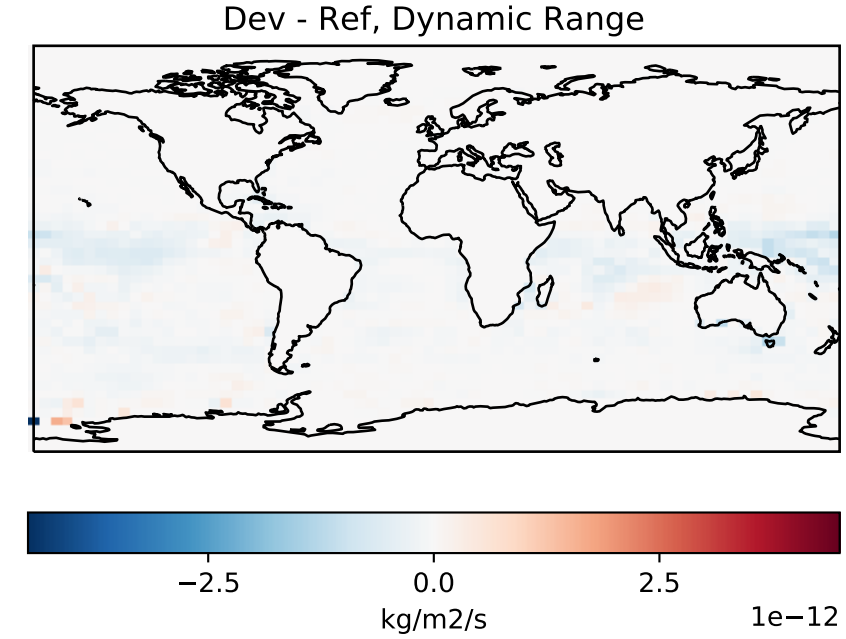
GC_12.8.0_GEOSFP_5.22 (Ref)
4.0x5.0



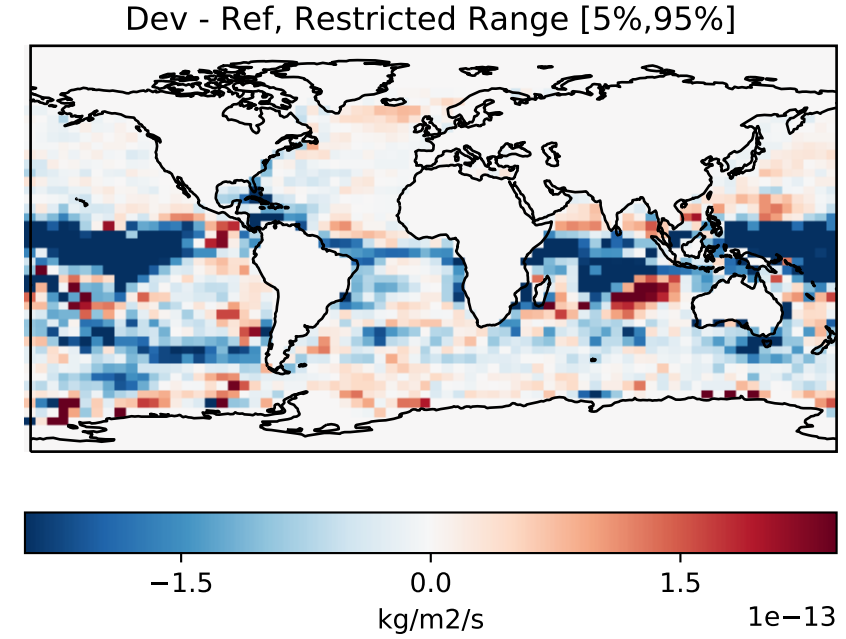
GC_12.8.0_GEOSFP_5.25 (Dev)
4.0x5.0



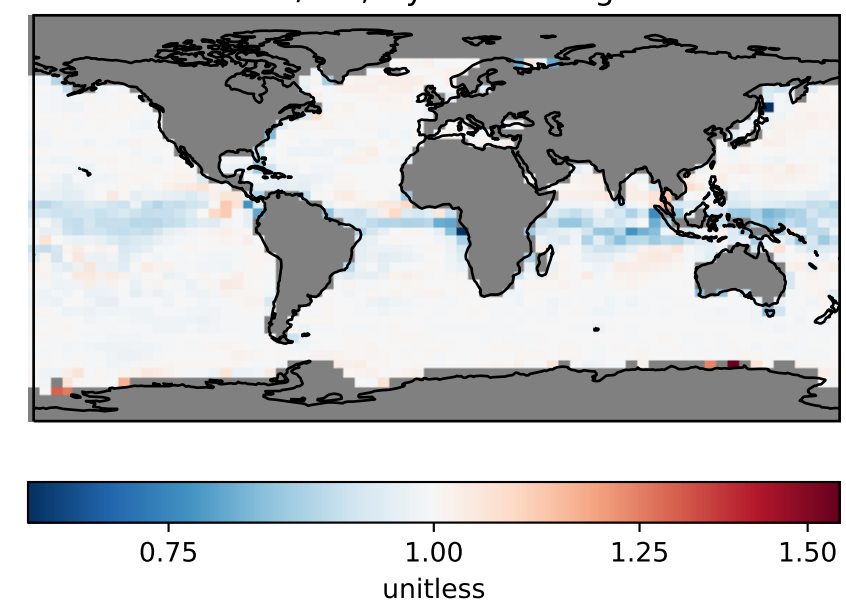
Difference
Dev - Ref, Dynamic Range



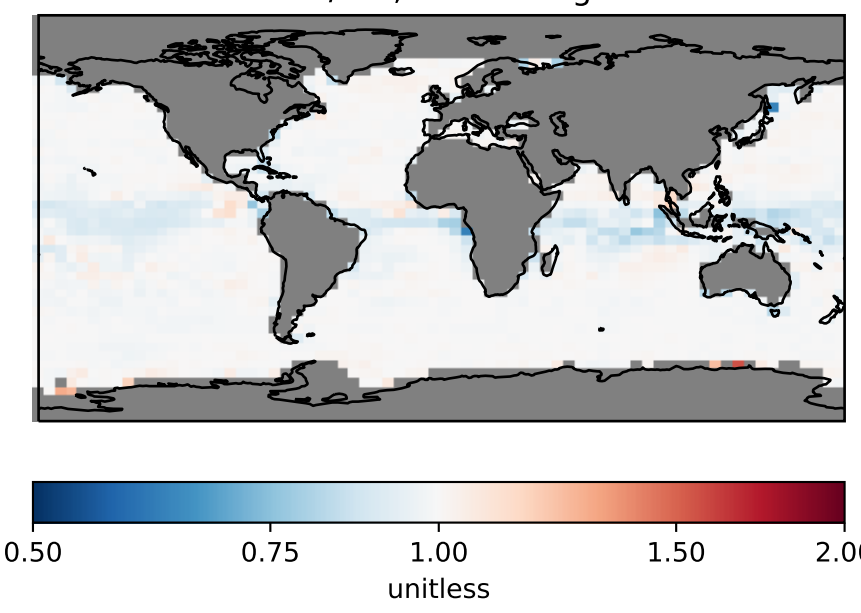
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

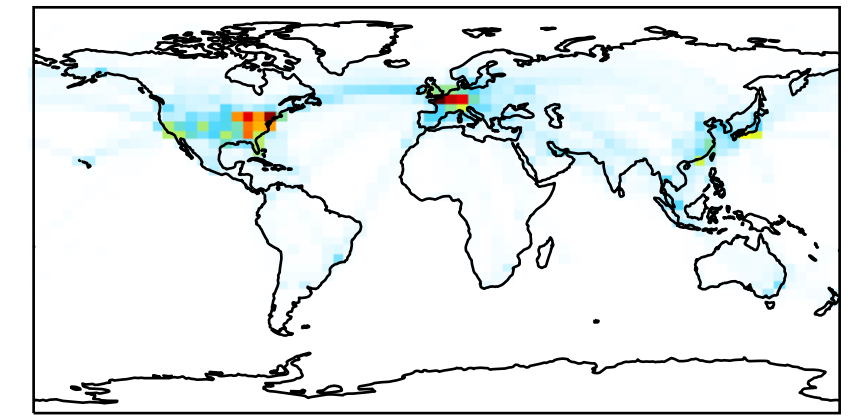


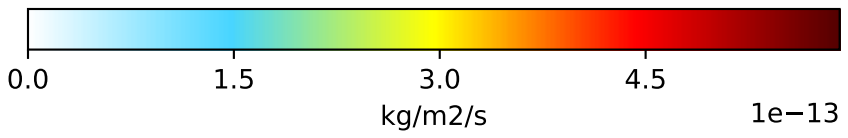
Ratio
Dev/Ref, Fixed Range



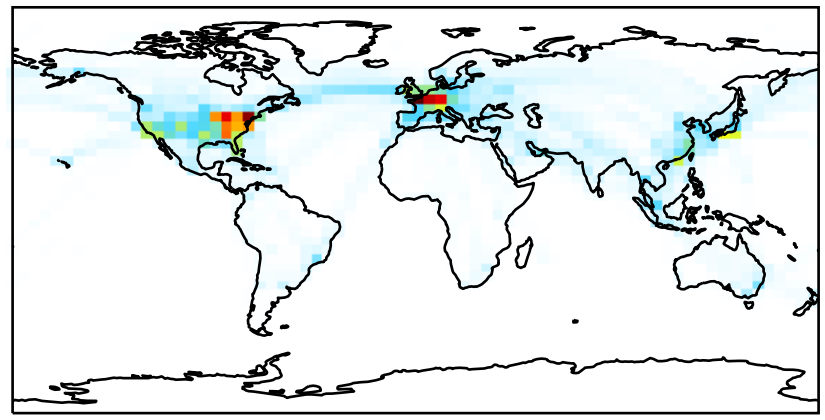
EmisSO2_Aircraft

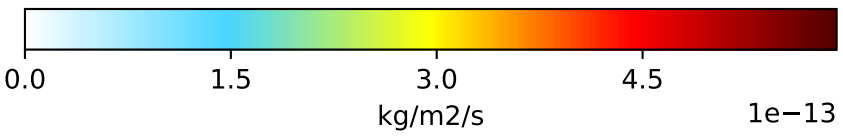
GC_12.8.0_GEOSFP_5.22 (Ref)
4.0x5.0



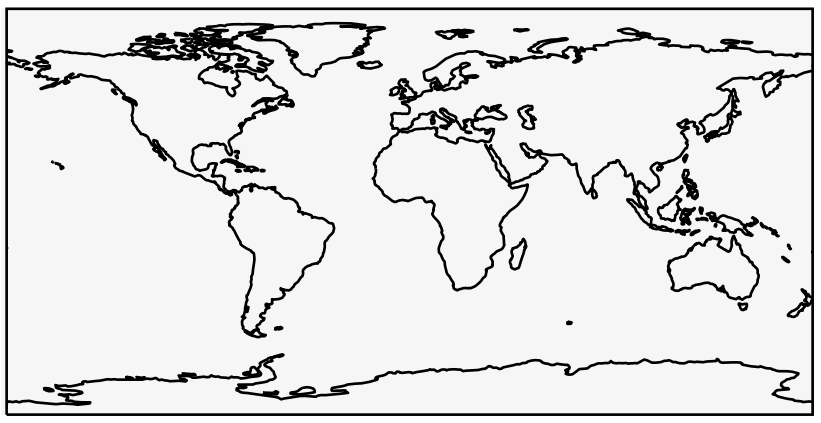


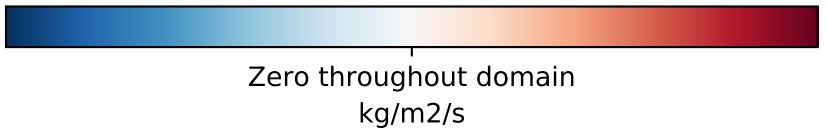
GC_12.8.0_GEOSFP_5.25 (Dev)
4.0x5.0



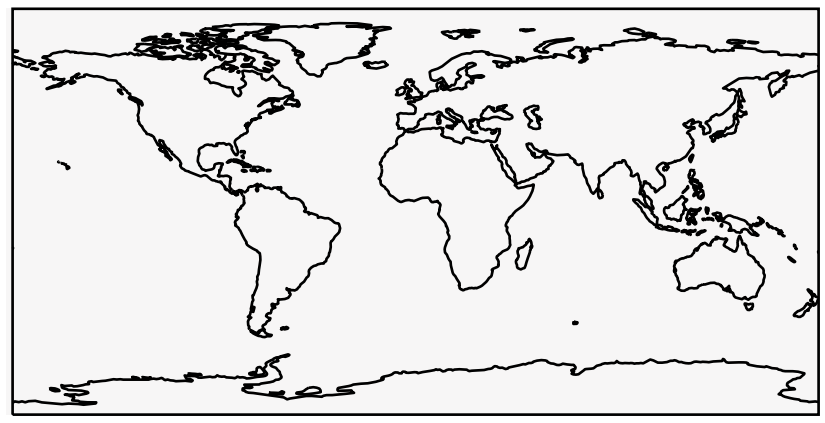


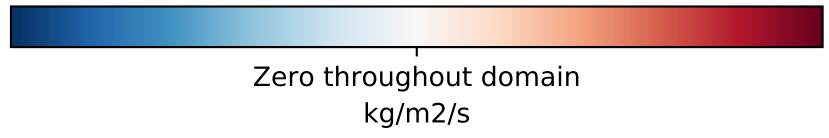
Difference
Dev - Ref, Dynamic Range



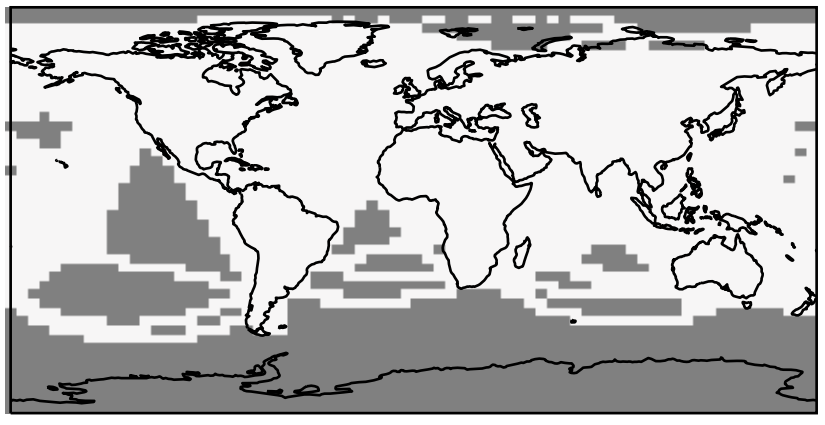


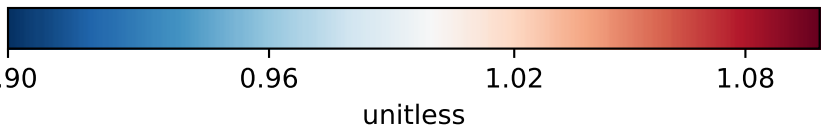
Difference
Dev - Ref, Restricted Range [5%,95%]



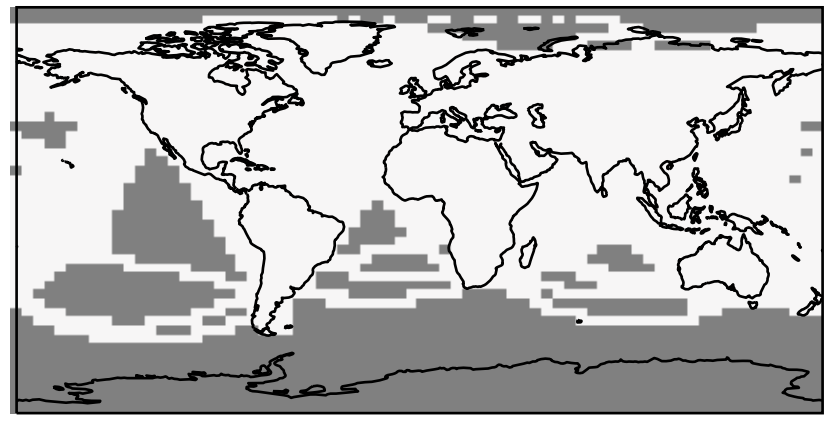


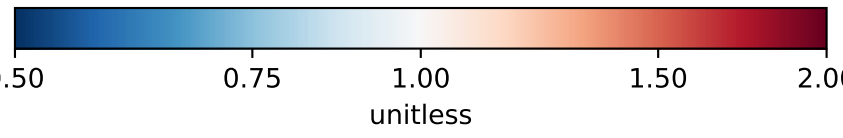
Ratio
Dev/Ref, Dynamic Range





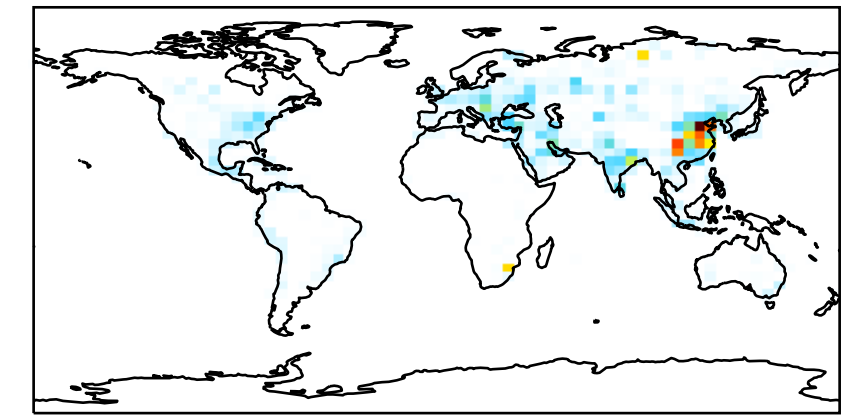
Ratio
Dev/Ref, Fixed Range

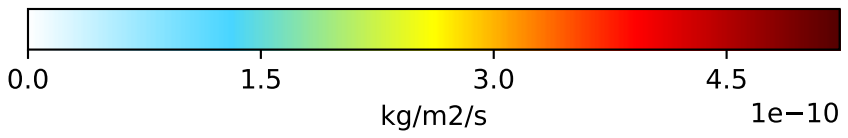




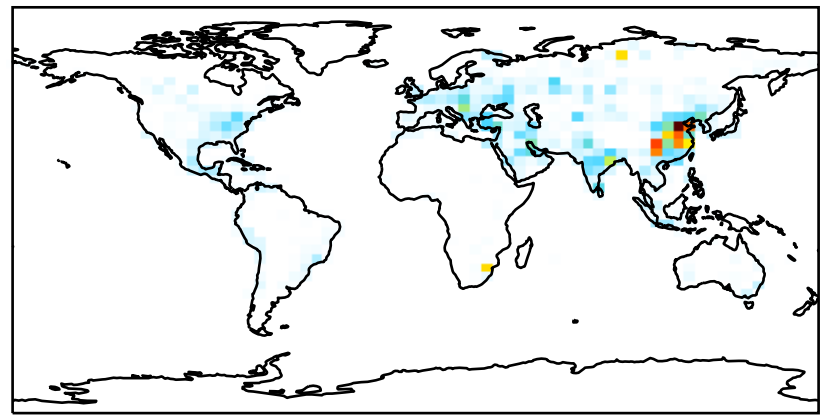
EmisSO2_Anthro

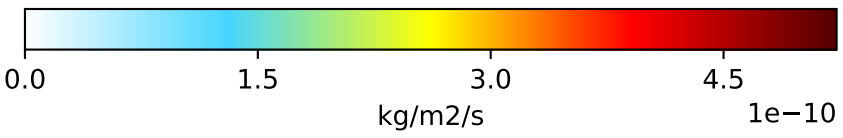
GC_12.8.0_GEOSFP_5.22 (Ref)
4.0x5.0



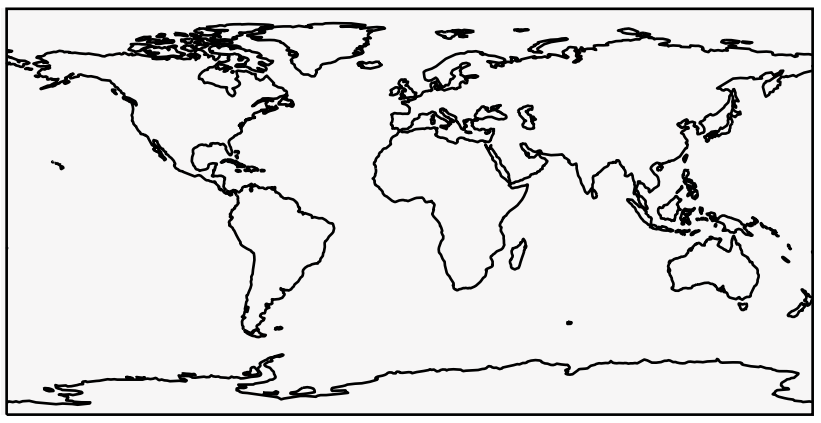


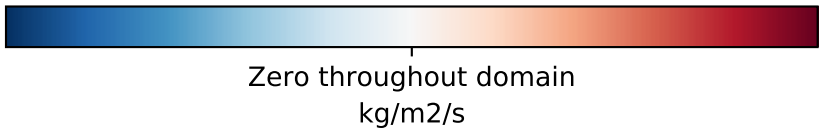
GC_12.8.0_GEOSFP_5.25 (Dev)
4.0x5.0



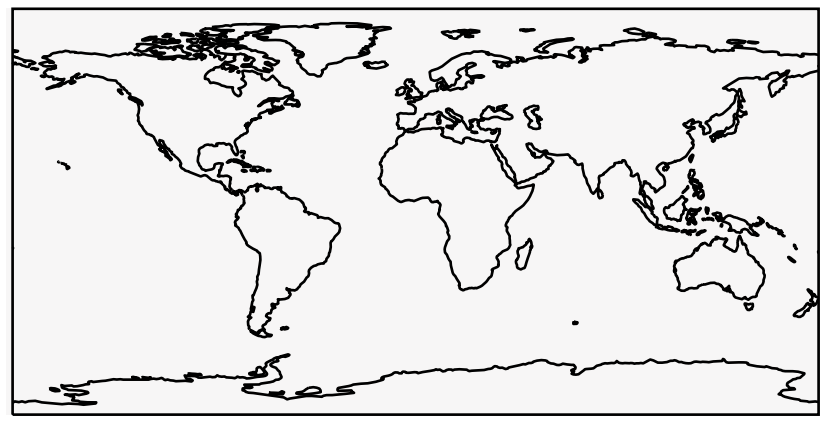


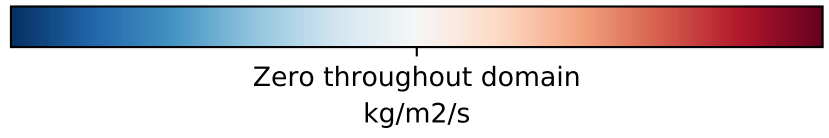
Difference
Dev - Ref, Dynamic Range



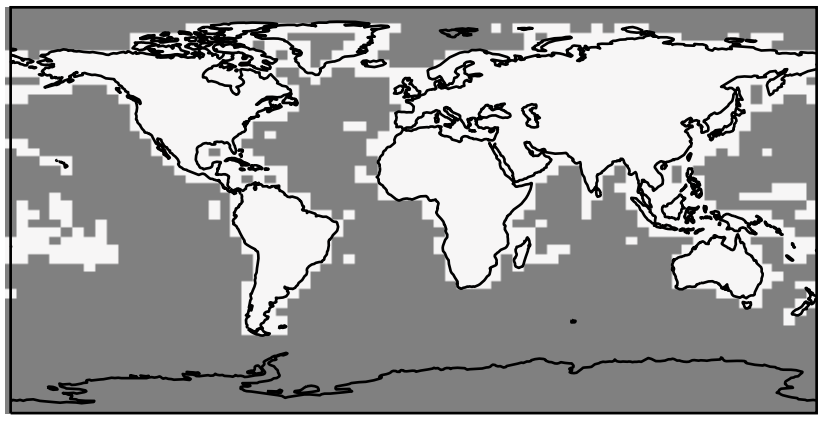


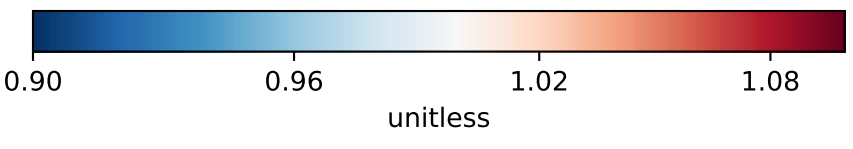
Difference
Dev - Ref, Restricted Range [5%,95%]



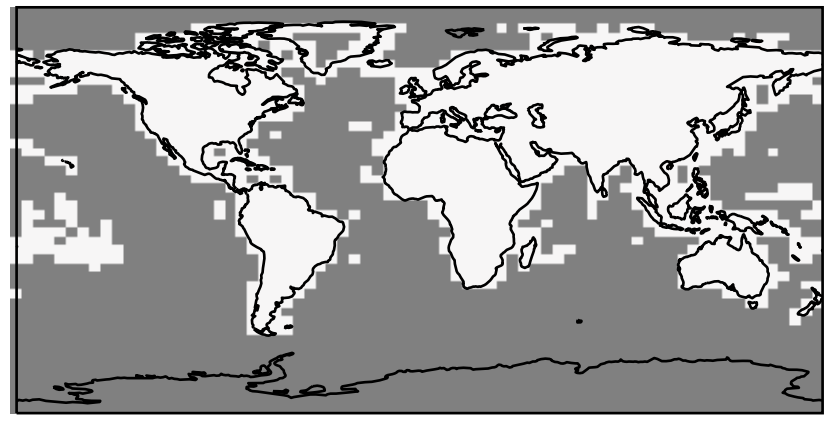


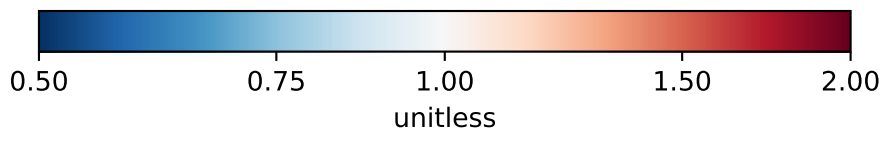
Ratio
Dev/Ref, Dynamic Range





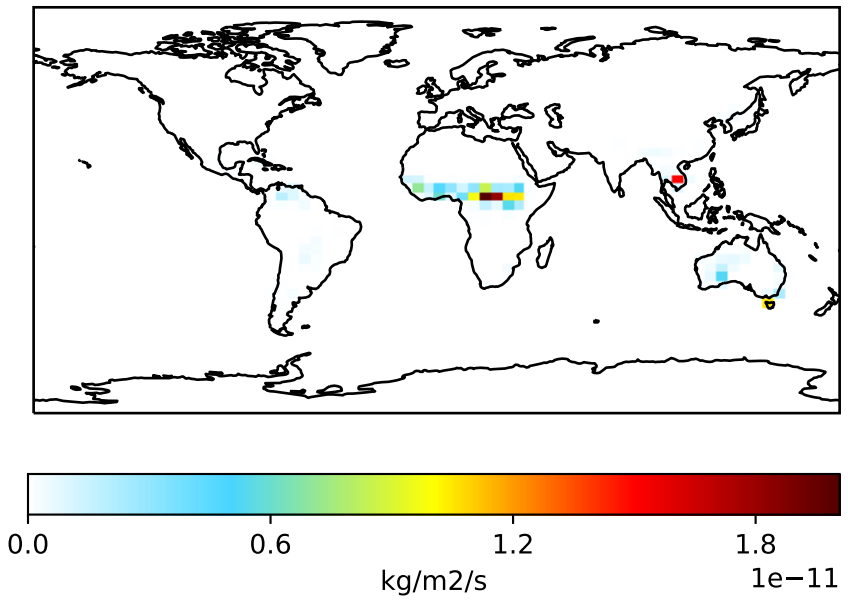
Ratio
Dev/Ref, Fixed Range



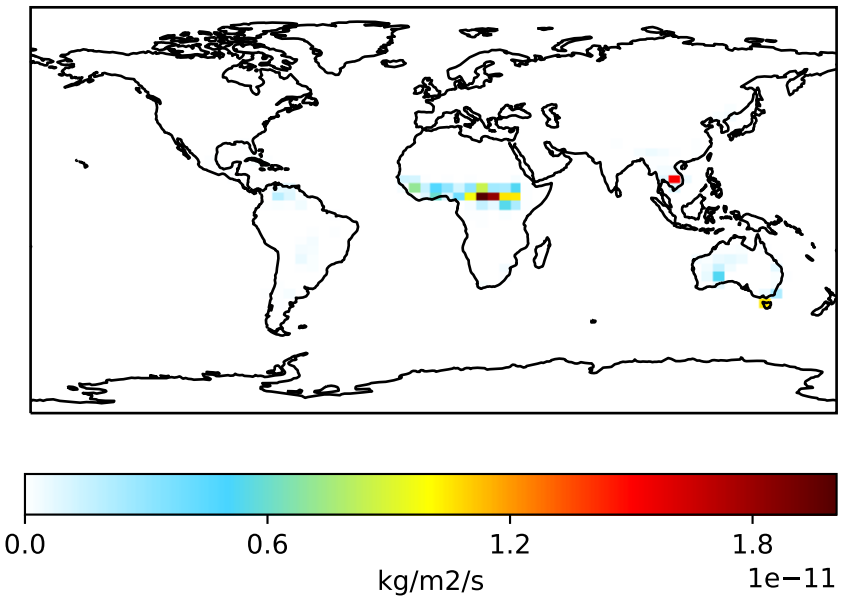


EmisSO2_BioBurn

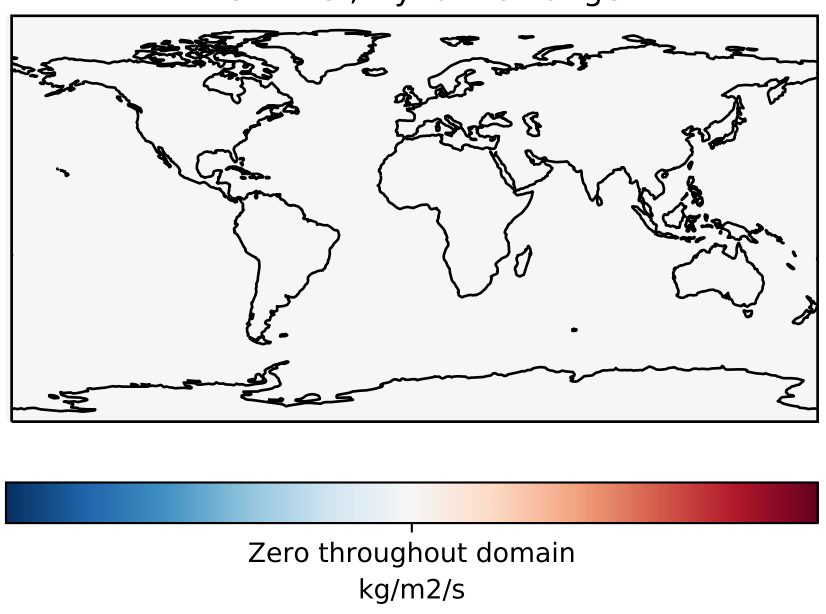
GC_12.8.0_GEOSFP_5.22 (Ref)
4.0x5.0



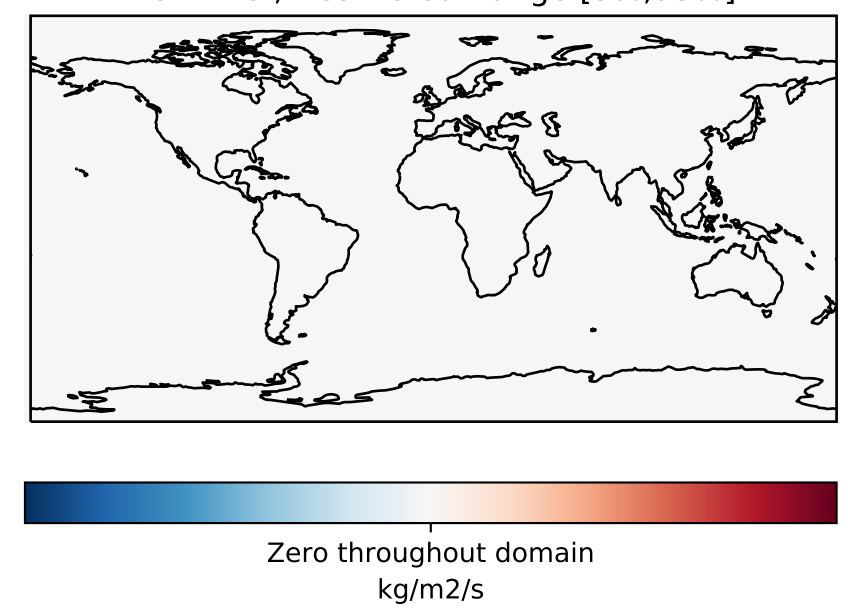
GC_12.8.0_GEOSFP_5.25 (Dev)
4.0x5.0



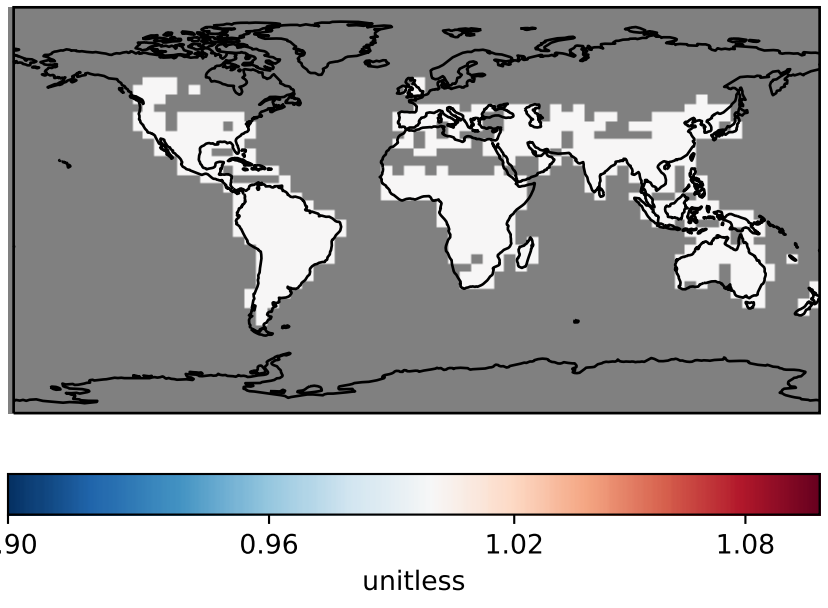
Difference
Dev - Ref, Dynamic Range



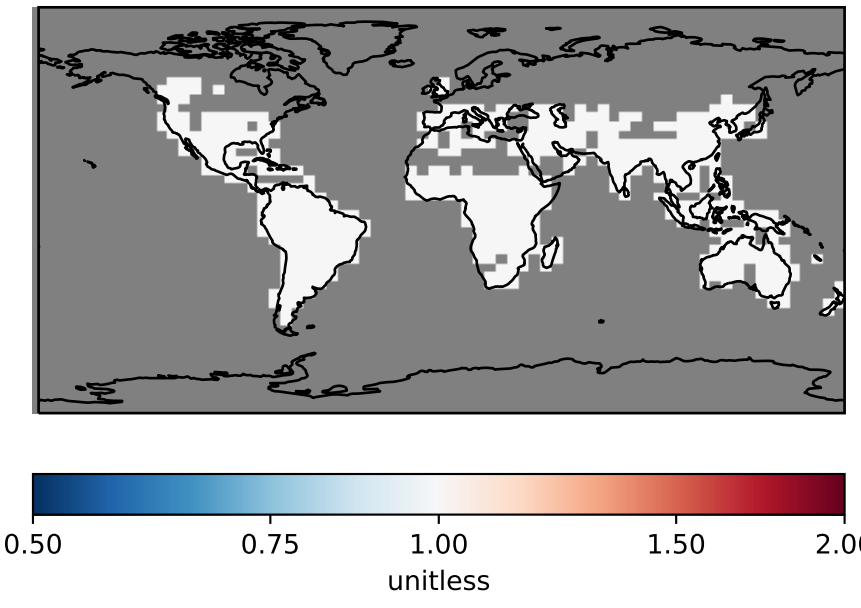
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

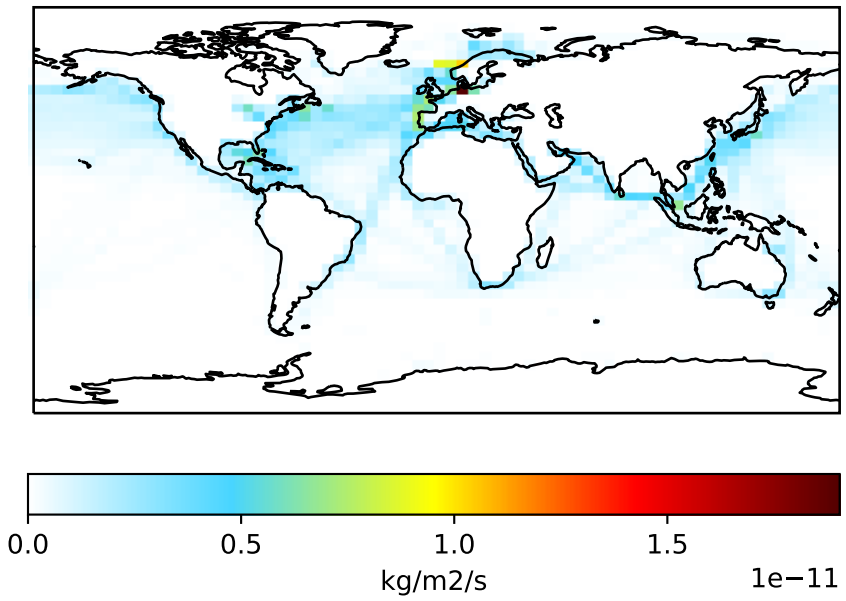


Ratio
Dev/Ref, Fixed Range

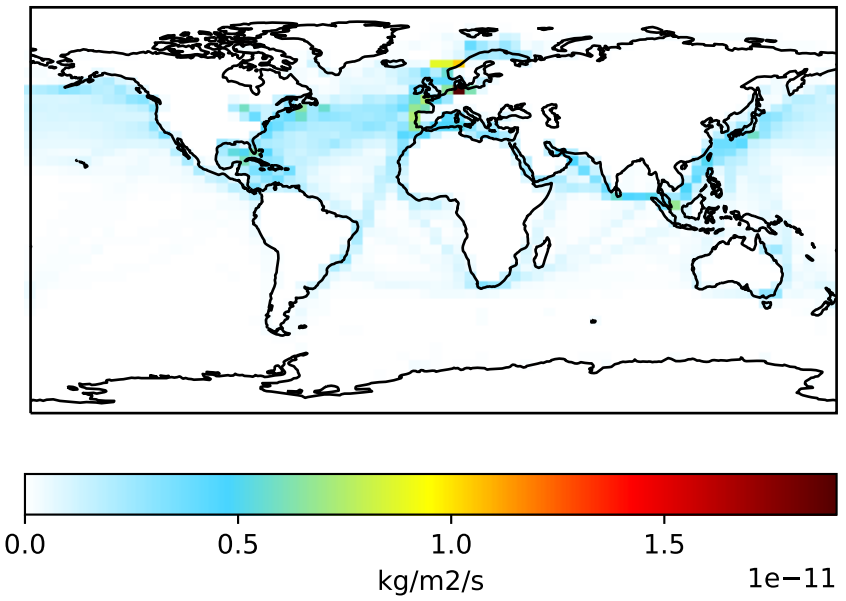


EmisSO2_Ship

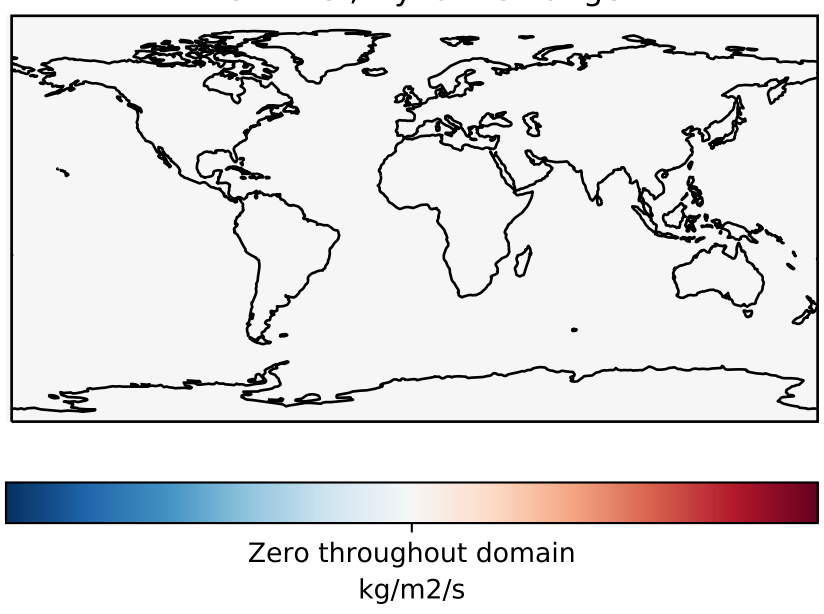
GC_12.8.0_GEOSFP_5.22 (Ref)
4.0x5.0



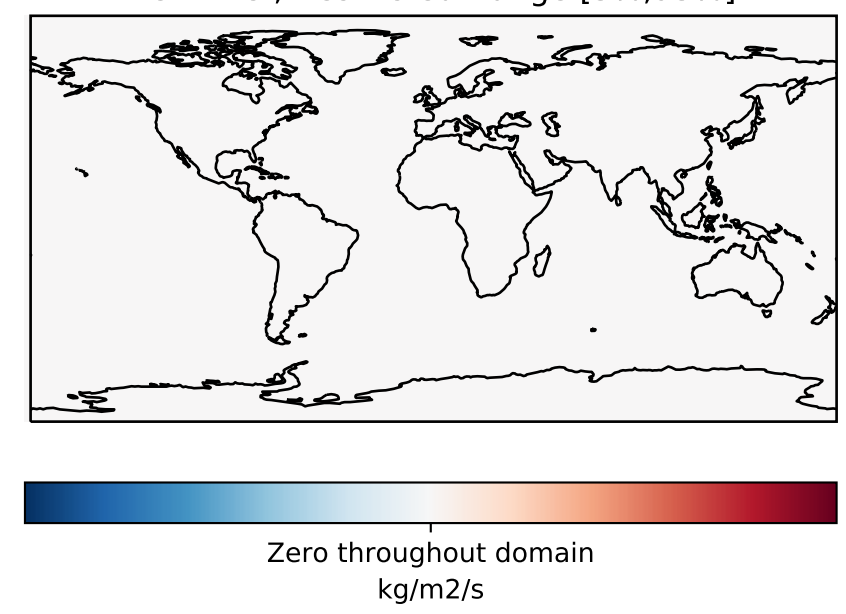
GC_12.8.0_GEOSFP_5.25 (Dev)
4.0x5.0



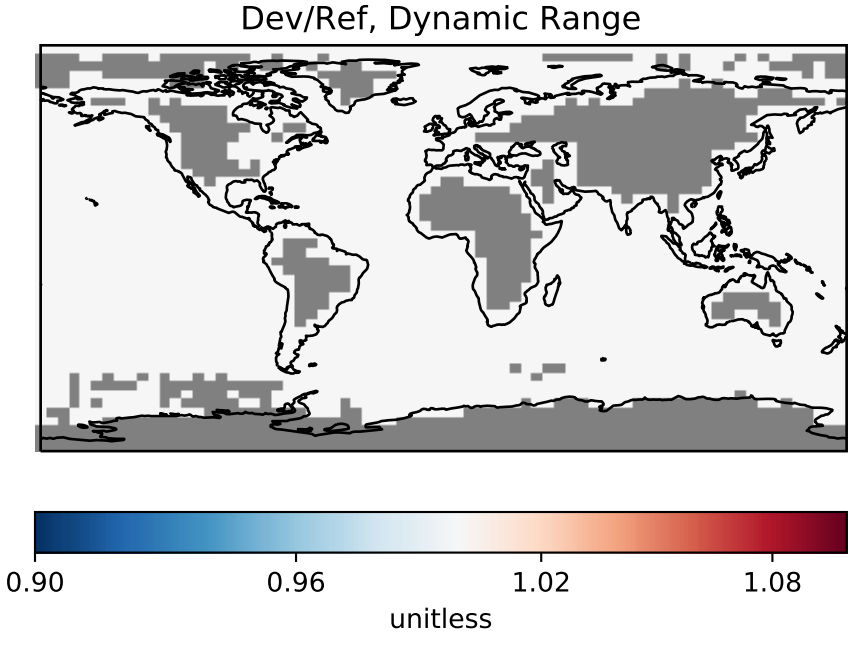
Difference
Dev - Ref, Dynamic Range



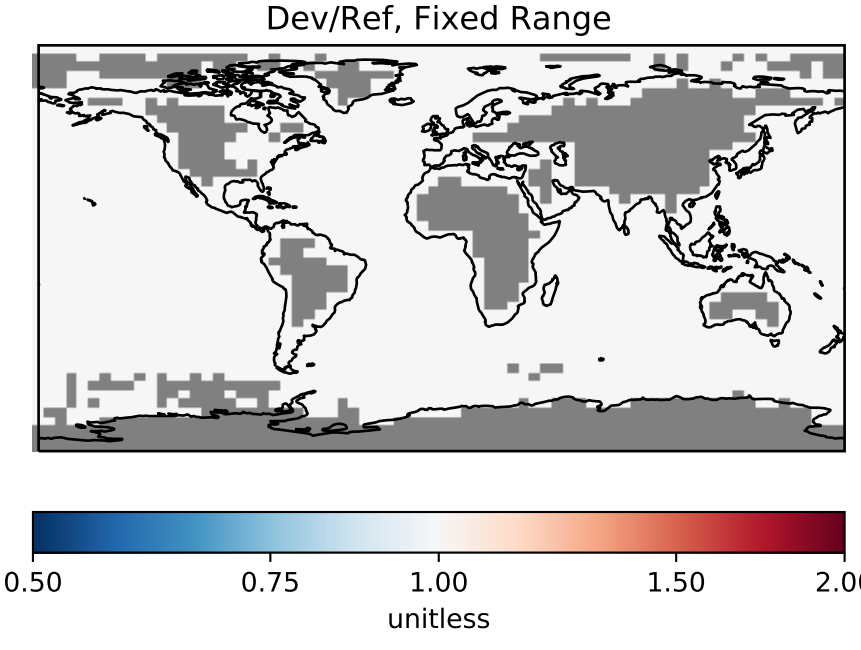
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

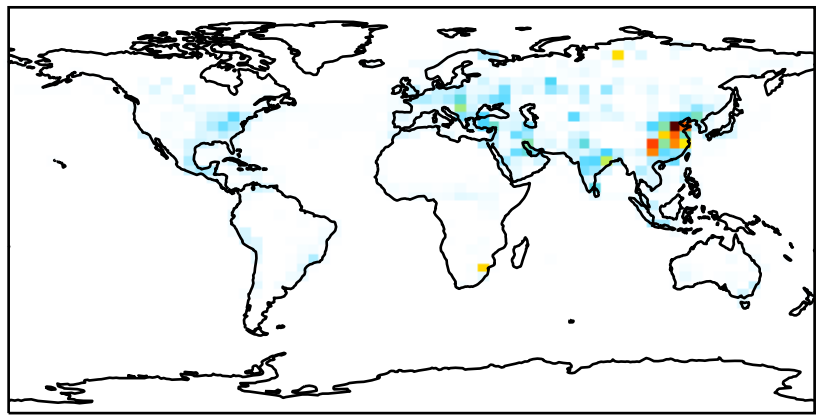


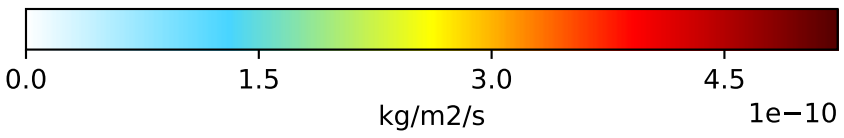
Ratio
Dev/Ref, Fixed Range



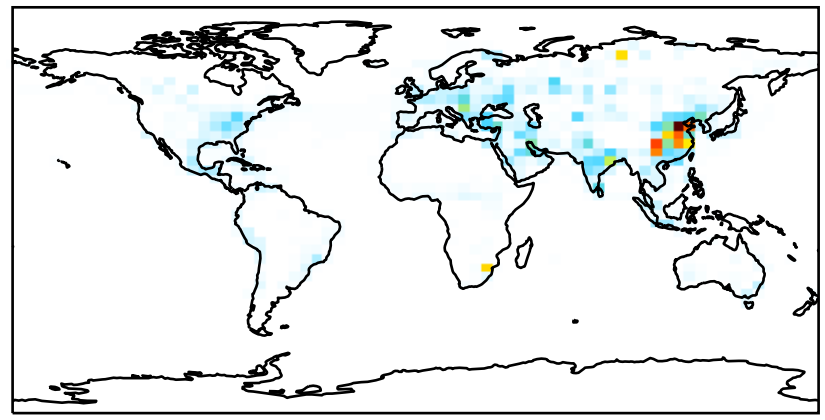
EmisSO2_Total

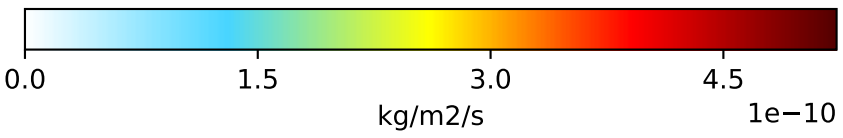
GC_12.8.0_GEOSFP_5.22 (Ref)
4.0x5.0



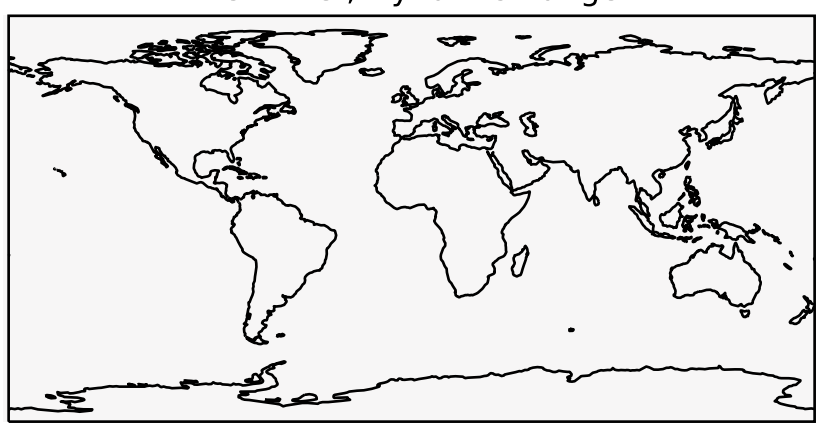


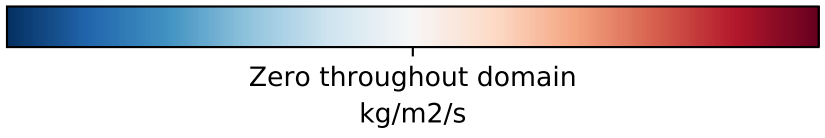
GC_12.8.0_GEOSFP_5.25 (Dev)
4.0x5.0



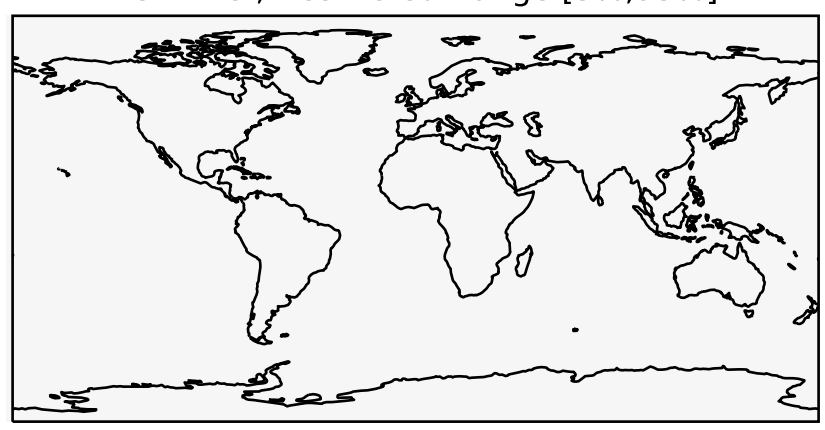


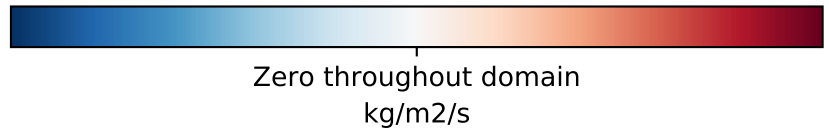
Difference
Dev - Ref, Dynamic Range



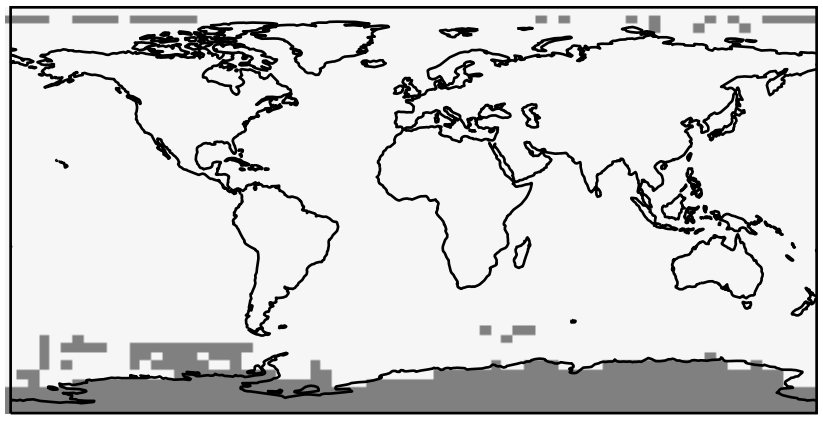


Difference
Dev - Ref, Restricted Range [5%,95%]

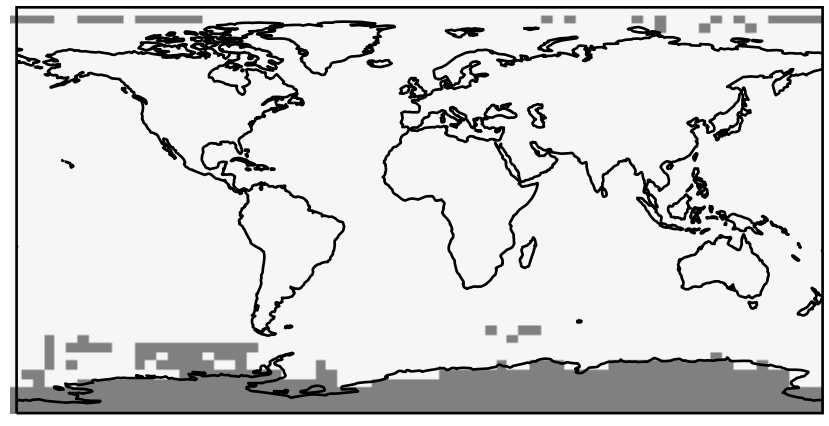


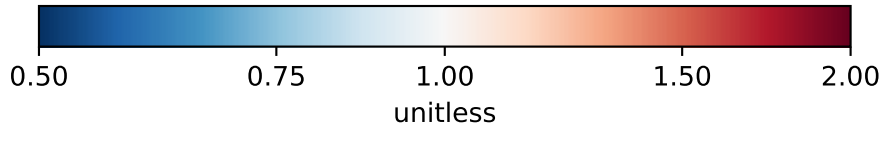


Ratio
Dev/Ref, Dynamic Range



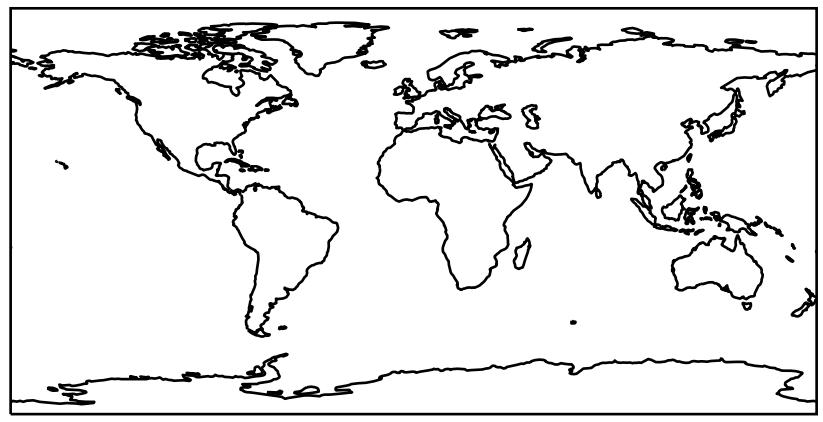
Ratio
Dev/Ref, Fixed Range





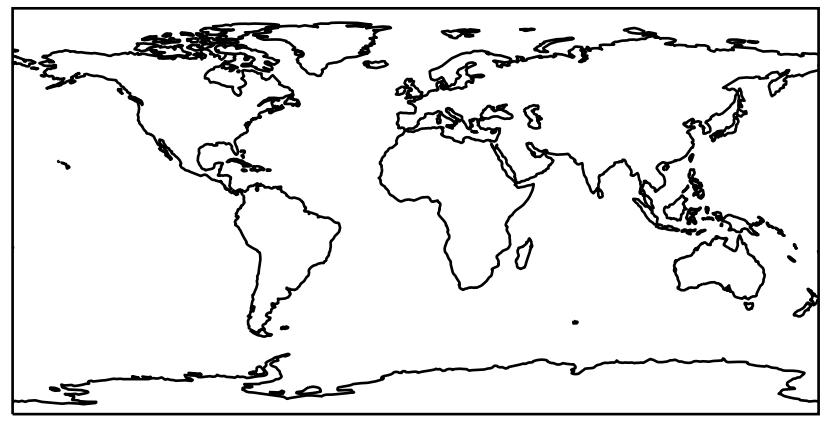
EmisSO2_VolcDegas

GC_12.8.0_GEOSFP_5.22 (Ref)
4.0x5.0



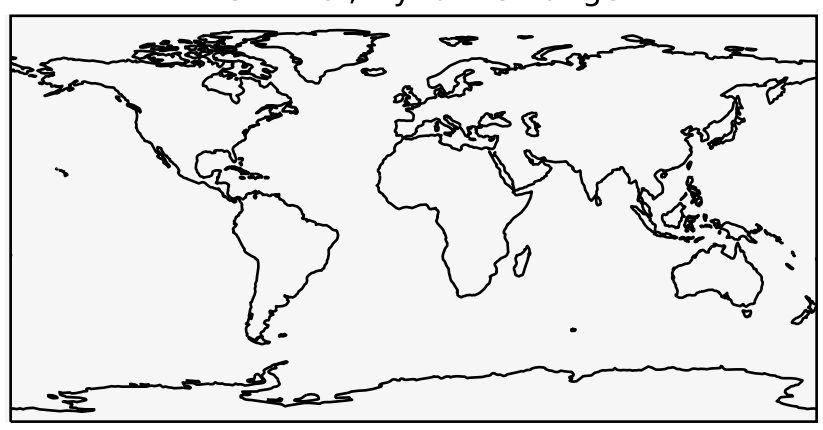
Zero throughout domain
kg/m2/s

GC_12.8.0_GEOSFP_5.25 (Dev)
4.0x5.0



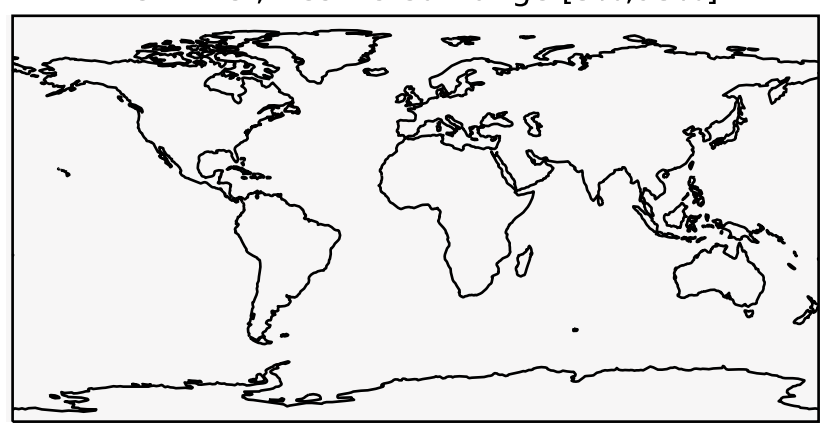
Zero throughout domain
kg/m2/s

Difference
Dev - Ref, Dynamic Range



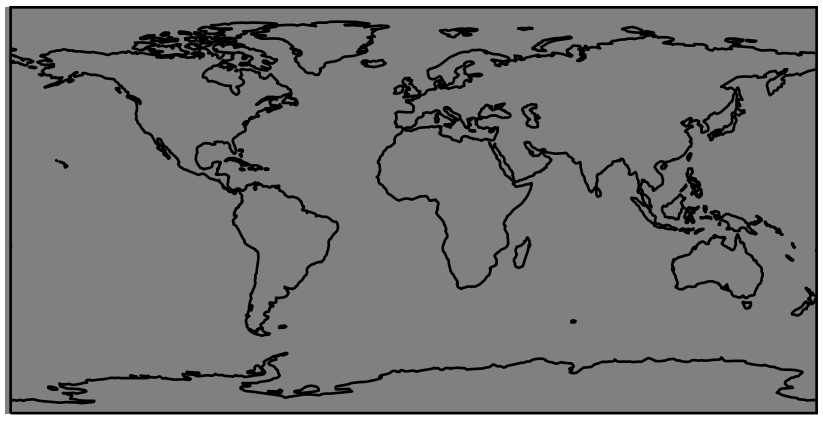
Zero throughout domain
kg/m2/s

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



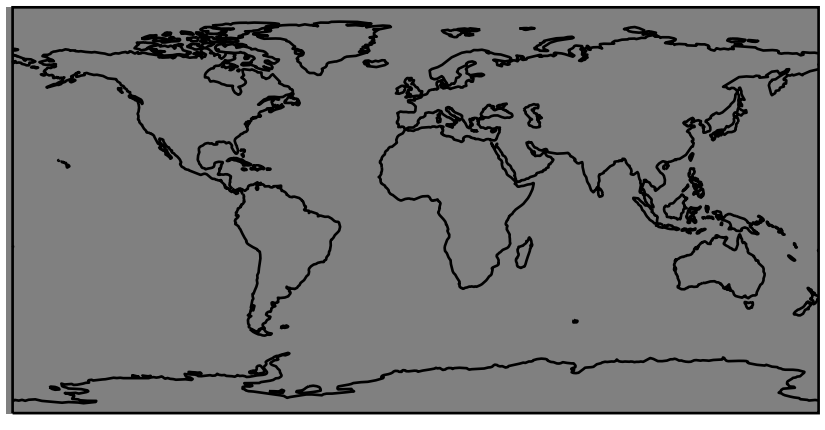
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

Ratio
Dev/Ref, Fixed Range



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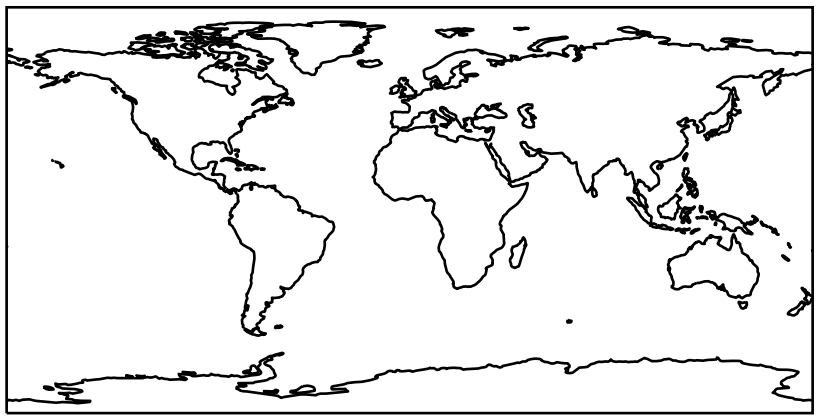
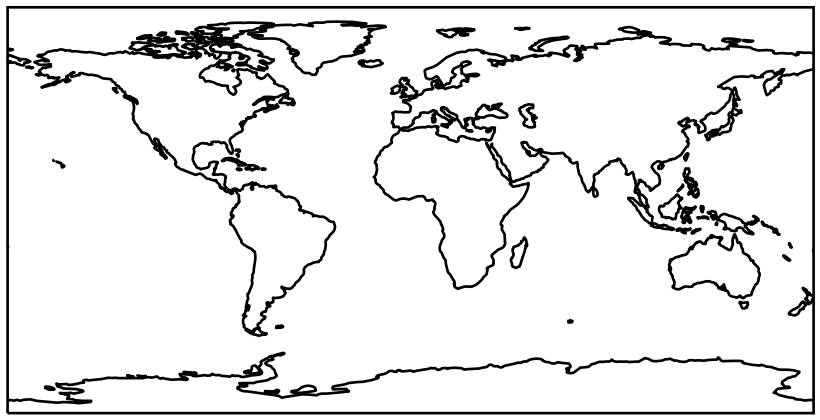
EmisSO2_VolcErupt

GC_12.8.0_GEOSFP_5.22 (Ref)
4.0x5.0



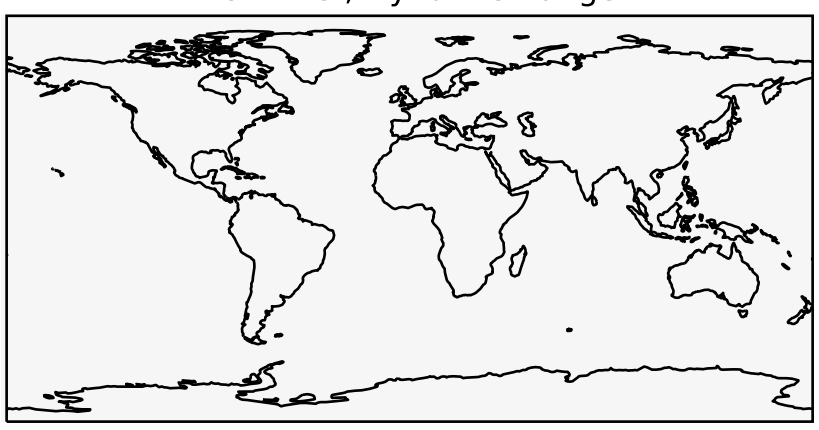
Zero throughout domain
kg/m2/s

GC_12.8.0_GEOSFP_5.25 (Dev)
4.0x5.0



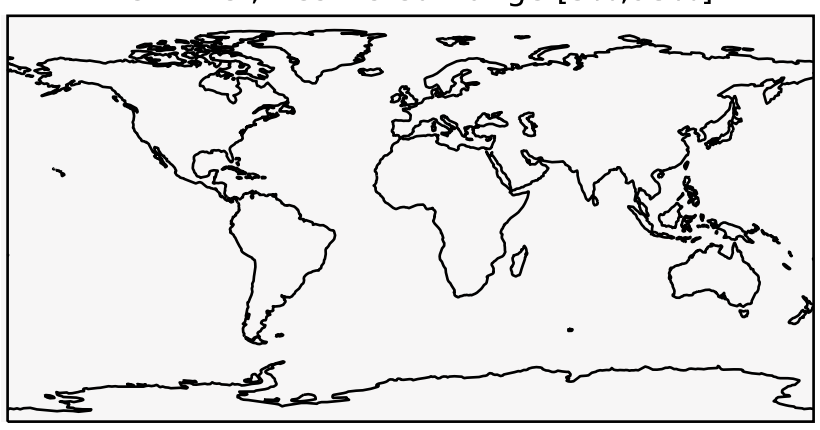
Zero throughout domain
kg/m2/s

Difference
Dev - Ref, Dynamic Range



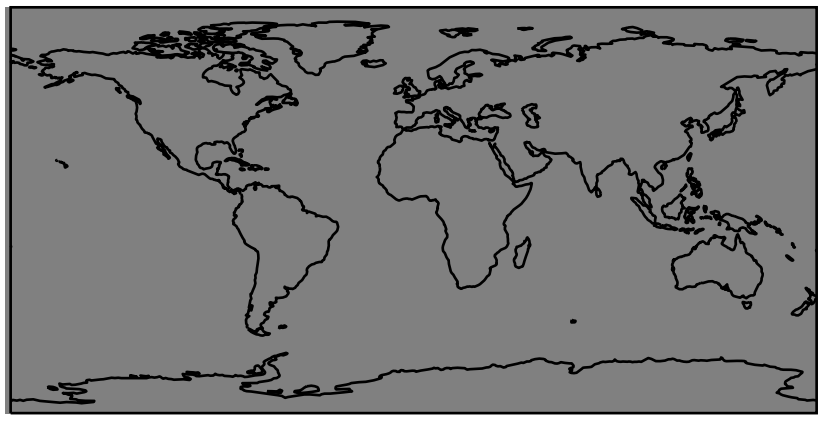
Zero throughout domain
kg/m2/s

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



Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



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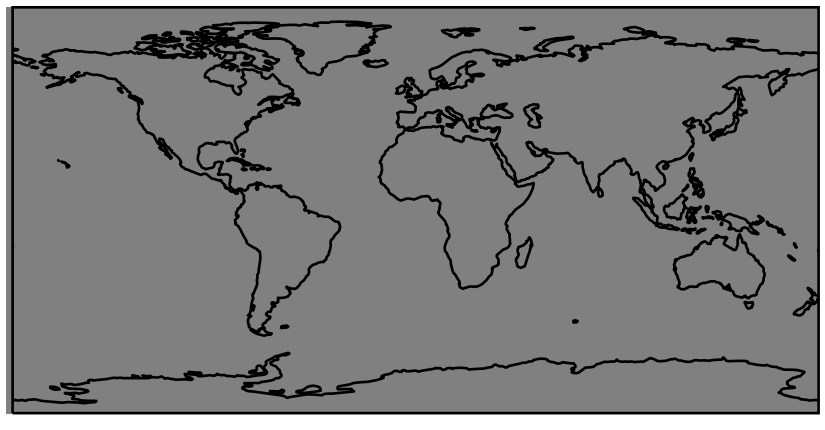
Ratio
Dev/Ref, Fixed Range



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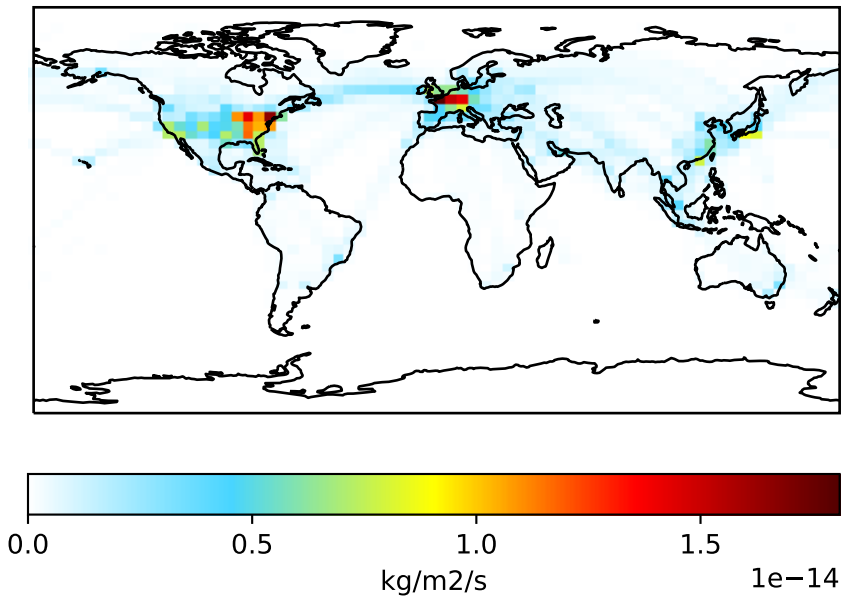
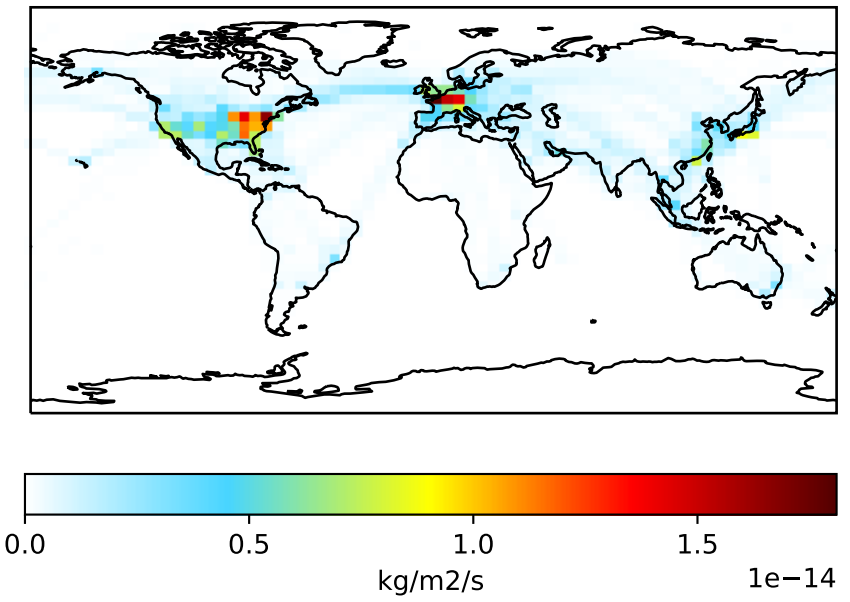
unitless

EmisSO4_Aircraft

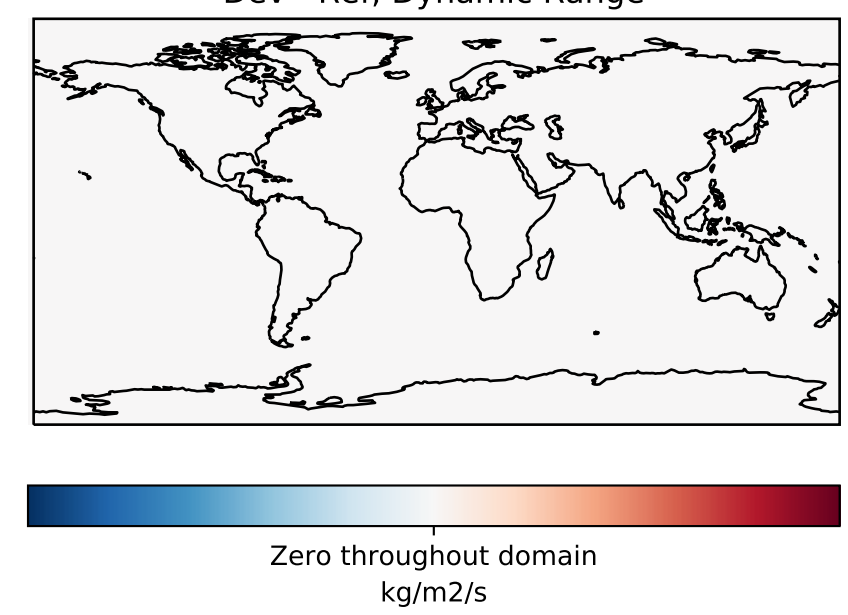
GC_12.8.0_GEOSFP_5.22 (Ref)
4.0x5.0



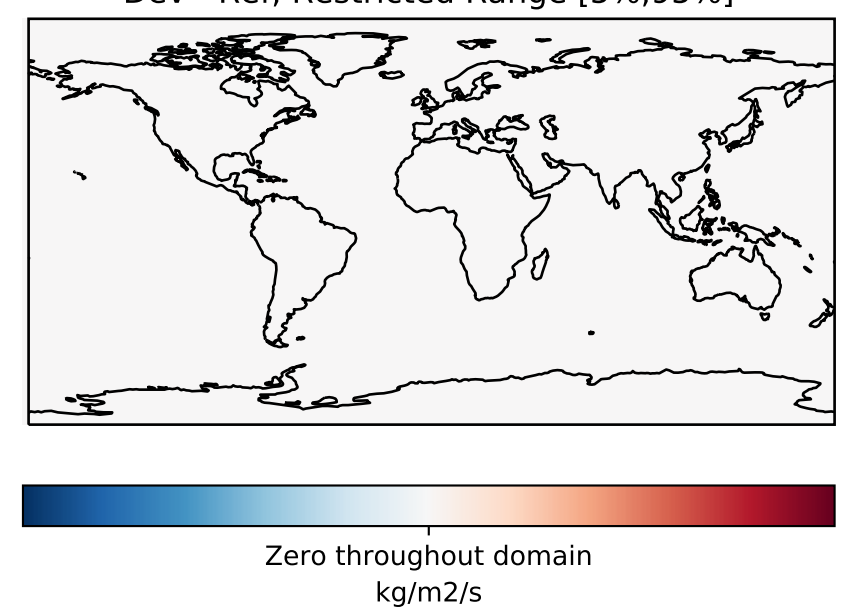
GC_12.8.0_GEOSFP_5.25 (Dev)
4.0x5.0



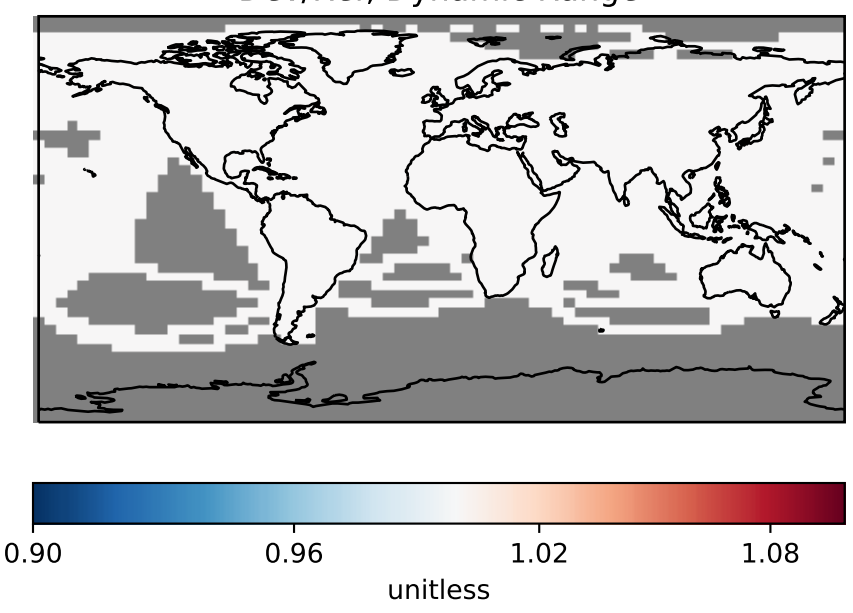
Difference
Dev - Ref, Dynamic Range



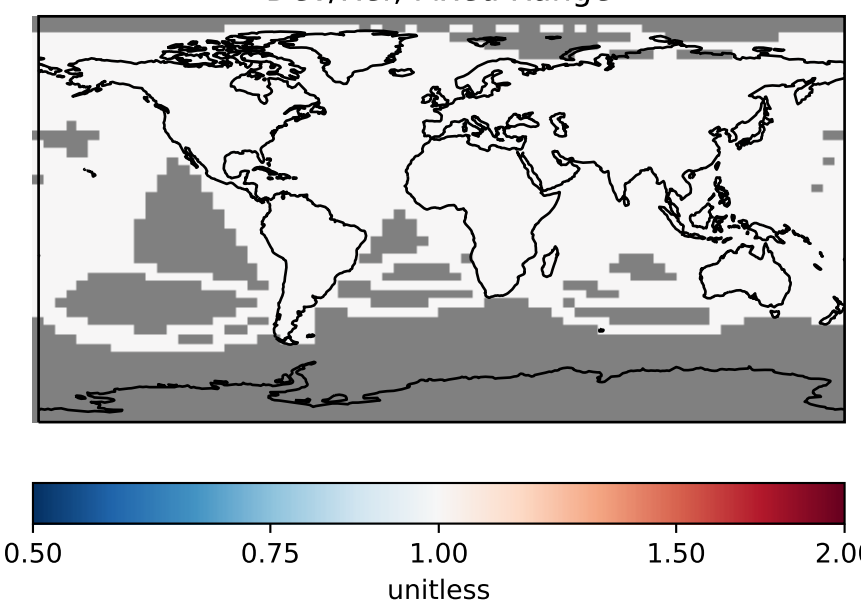
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

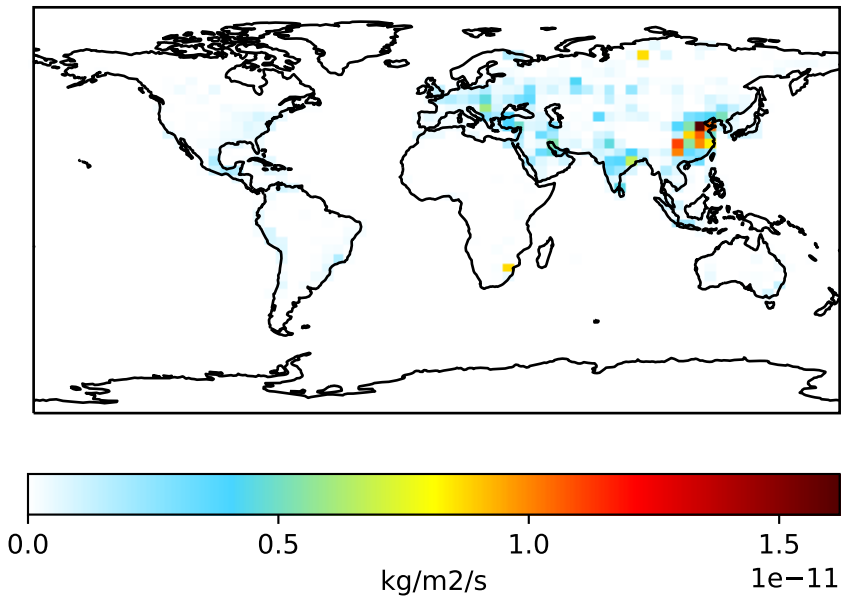


Ratio
Dev/Ref, Fixed Range

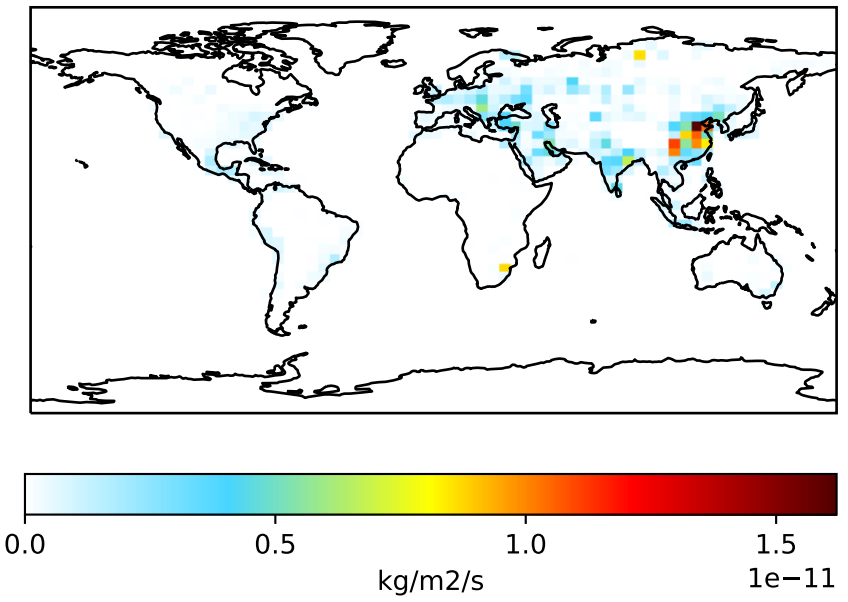


EmisSO4_Anthro

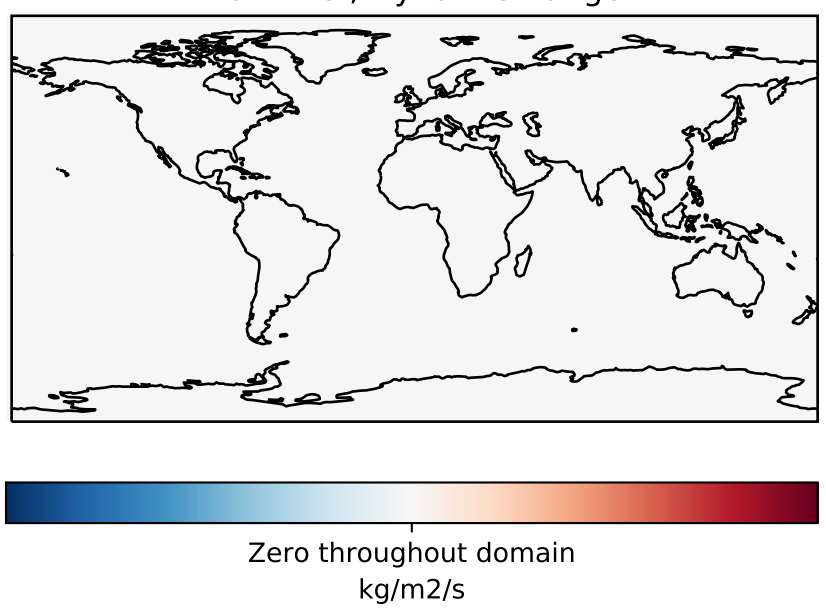
GC_12.8.0_GEOSFP_5.22 (Ref)
4.0x5.0



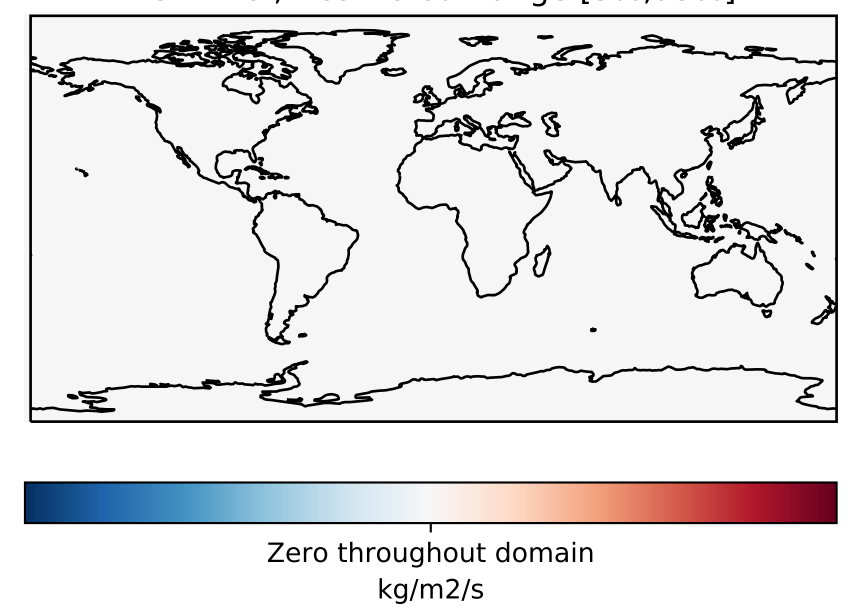
GC_12.8.0_GEOSFP_5.25 (Dev)
4.0x5.0



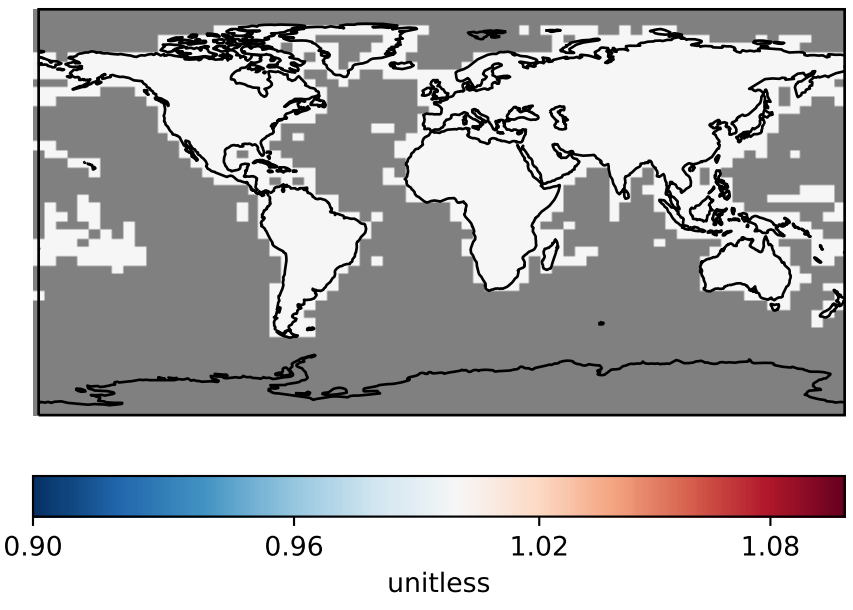
Difference
Dev - Ref, Dynamic Range



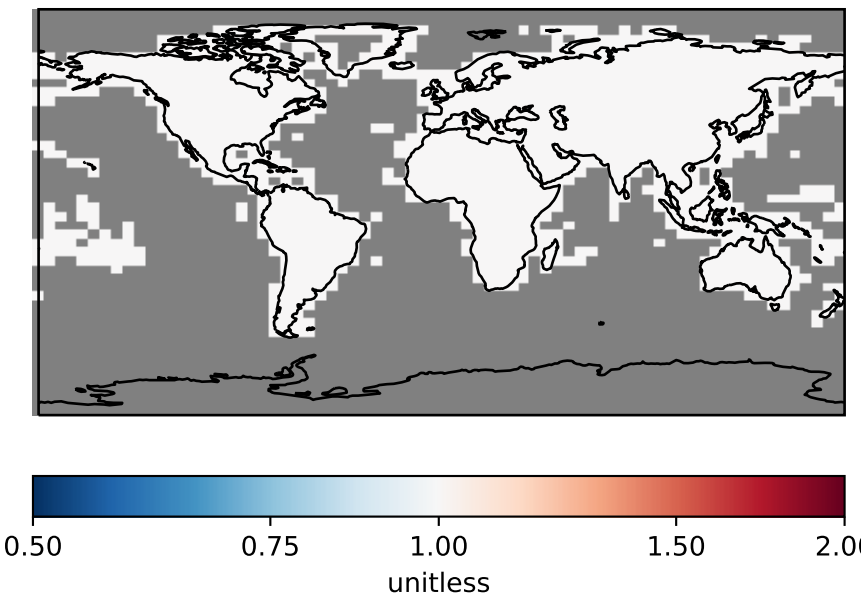
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

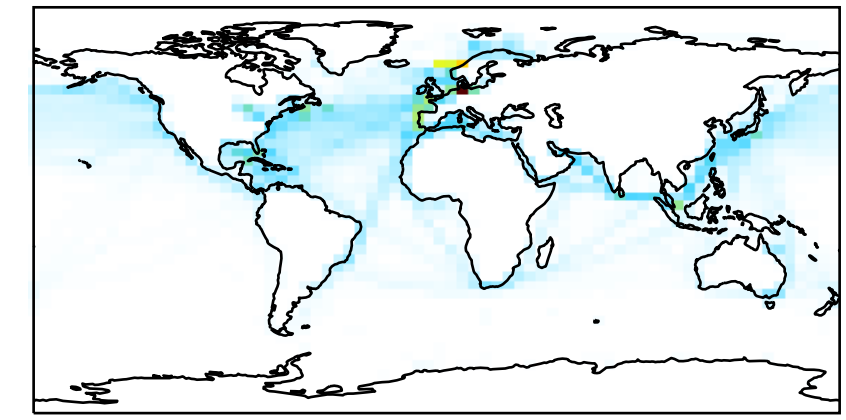


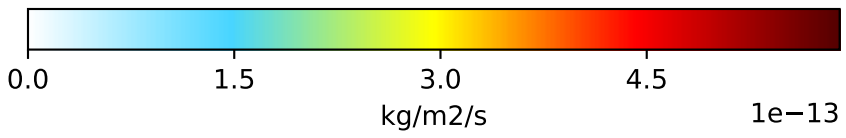
Ratio
Dev/Ref, Fixed Range



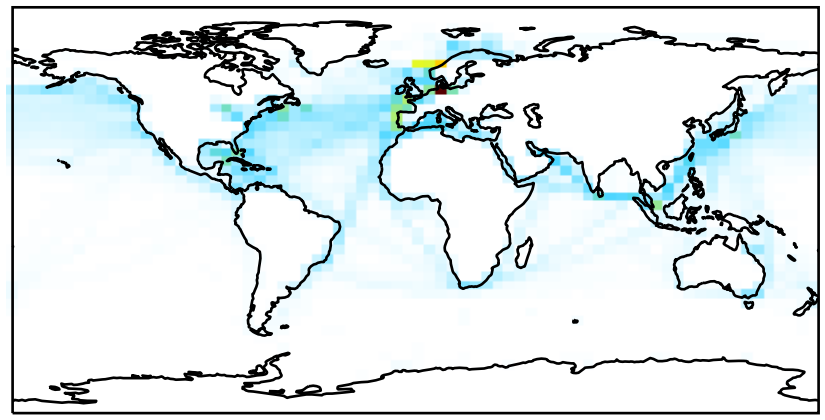
EmisSO4_Ship

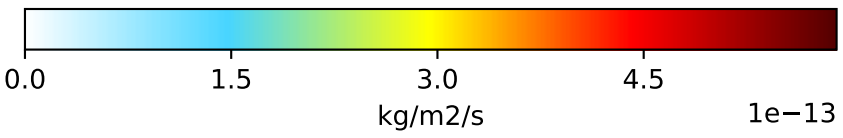
GC_12.8.0_GEOSFP_5.22 (Ref)
4.0x5.0



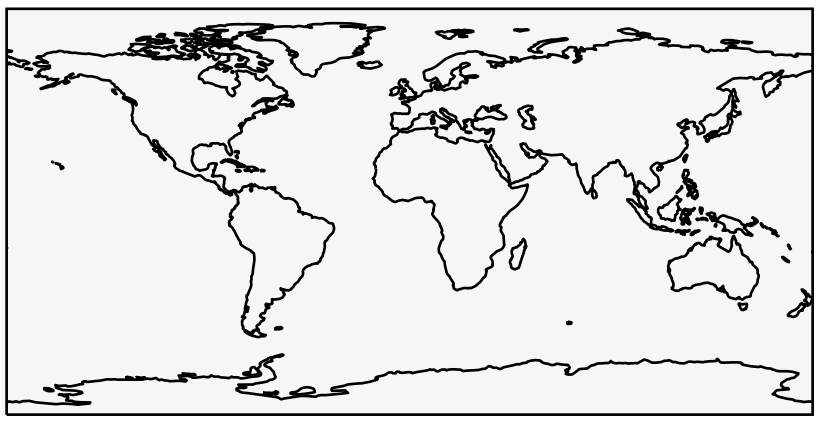


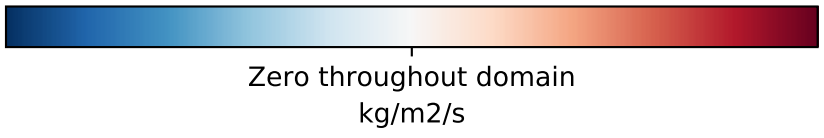
GC_12.8.0_GEOSFP_5.25 (Dev)
4.0x5.0



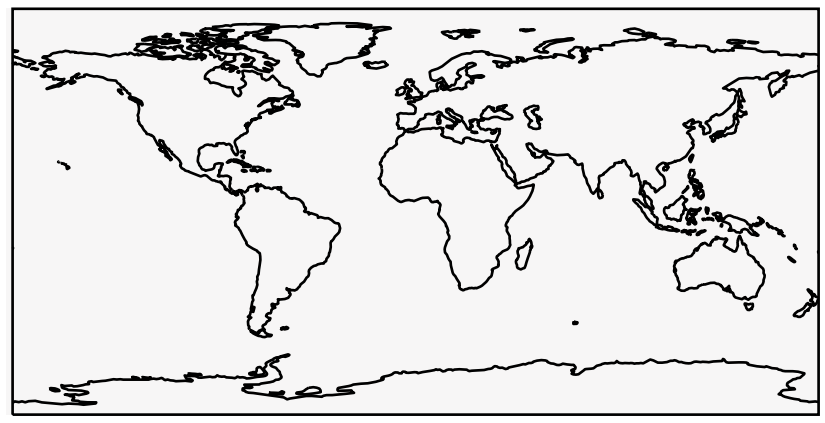


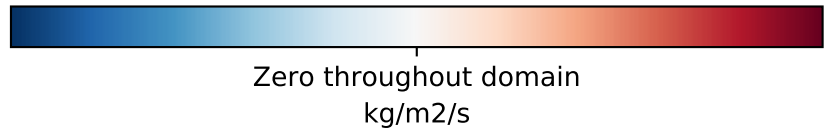
Difference
Dev - Ref, Dynamic Range



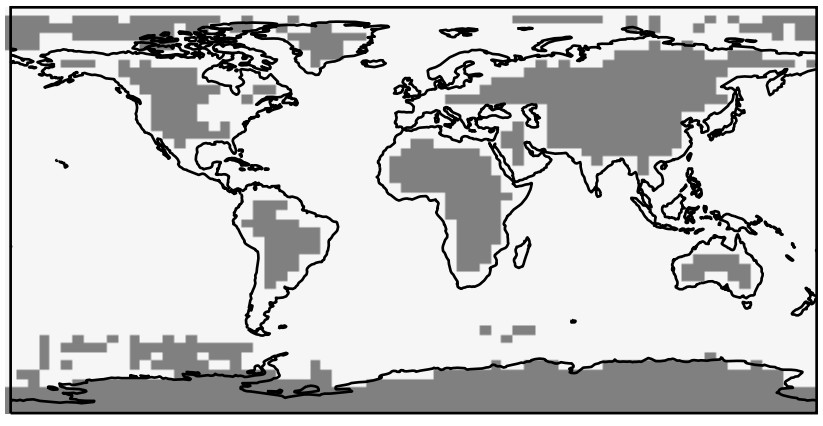


Difference
Dev - Ref, Restricted Range [5%,95%]

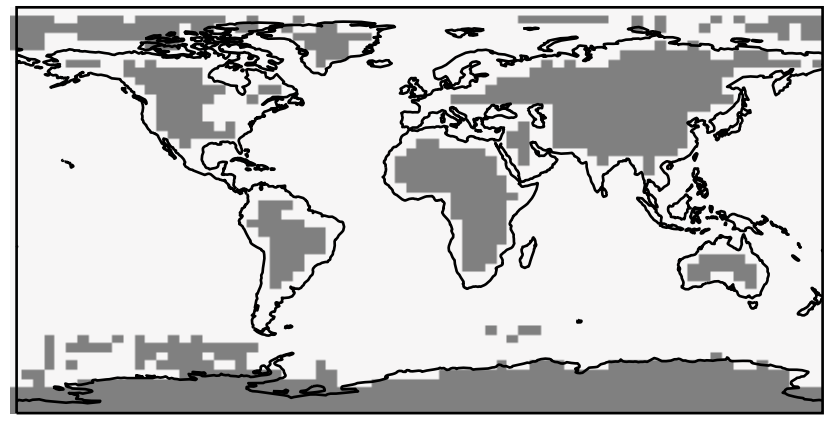


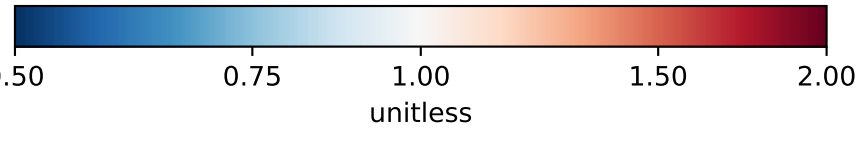


Ratio
Dev/Ref, Dynamic Range



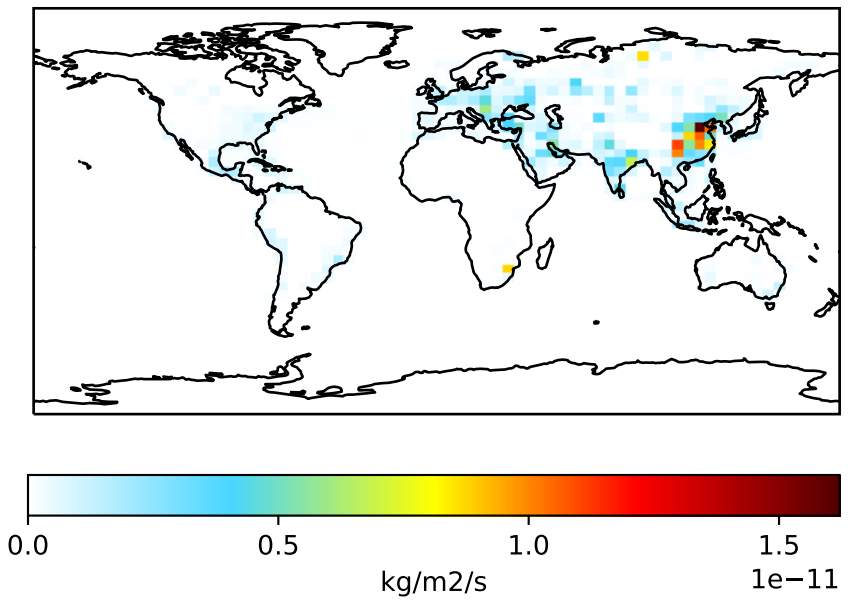
Ratio
Dev/Ref, Fixed Range



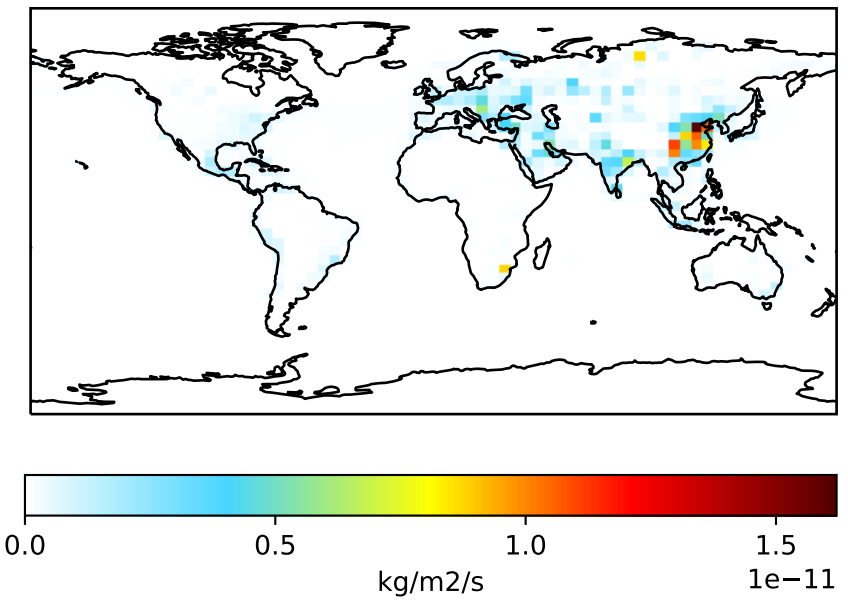


EmisSO4_Total

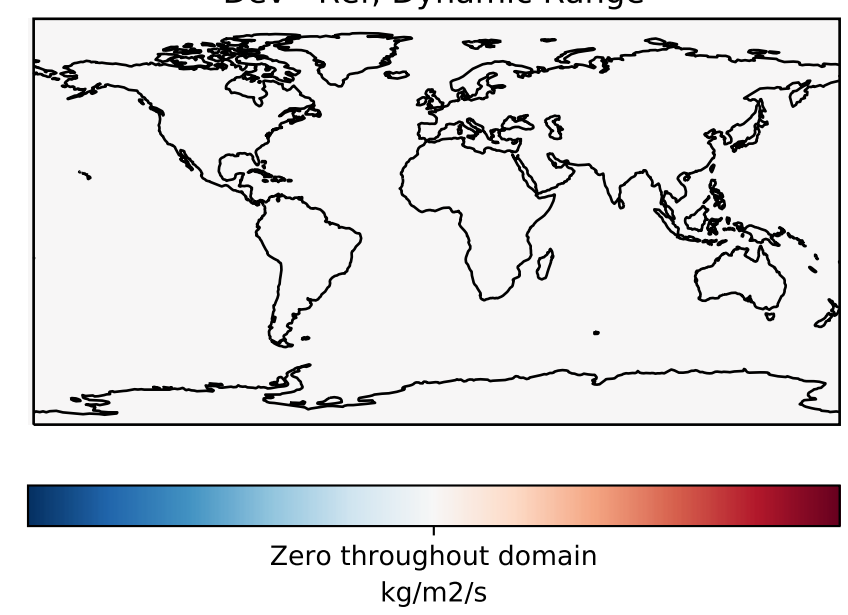
GC_12.8.0_GEOSFP_5.22 (Ref)
4.0x5.0



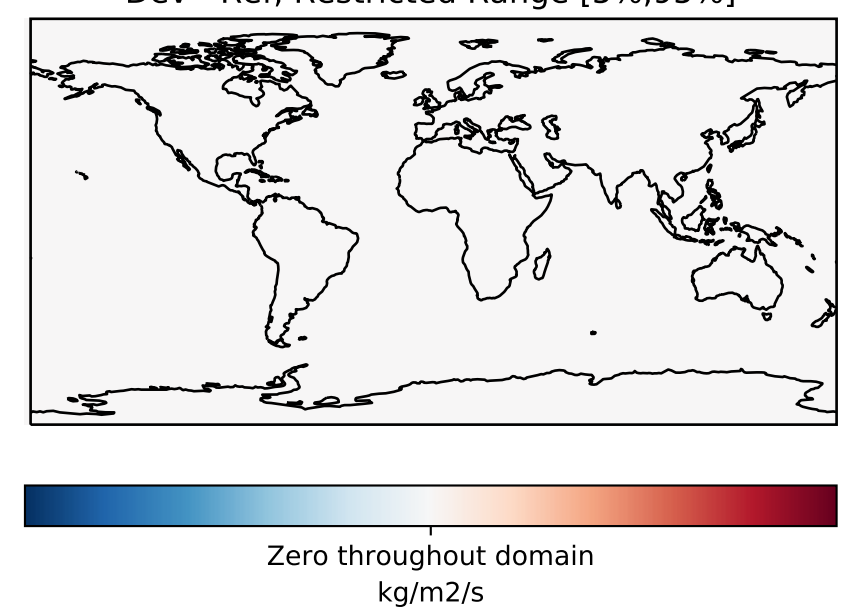
GC_12.8.0_GEOSFP_5.25 (Dev)
4.0x5.0



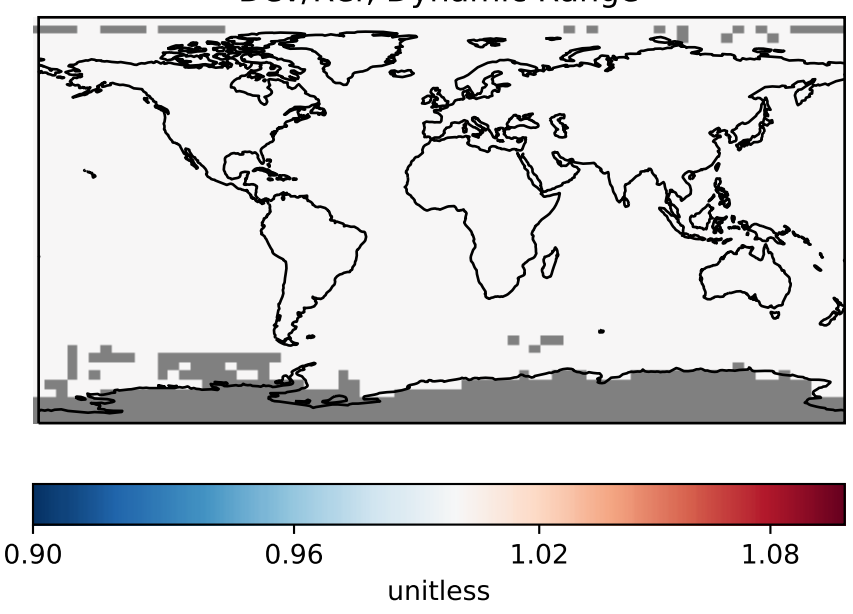
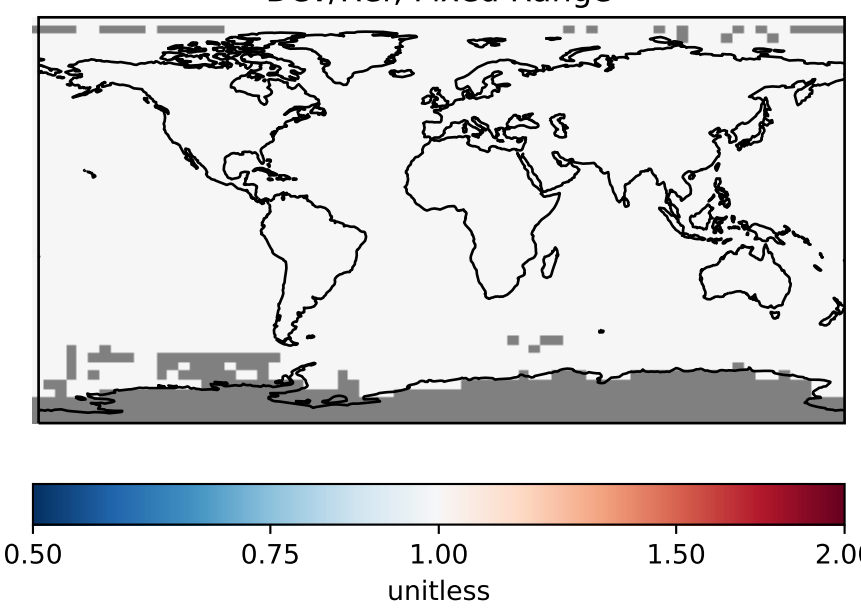
Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range