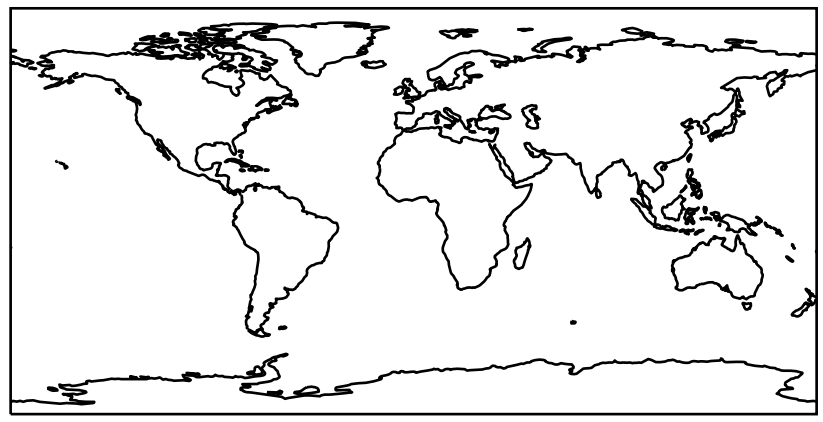
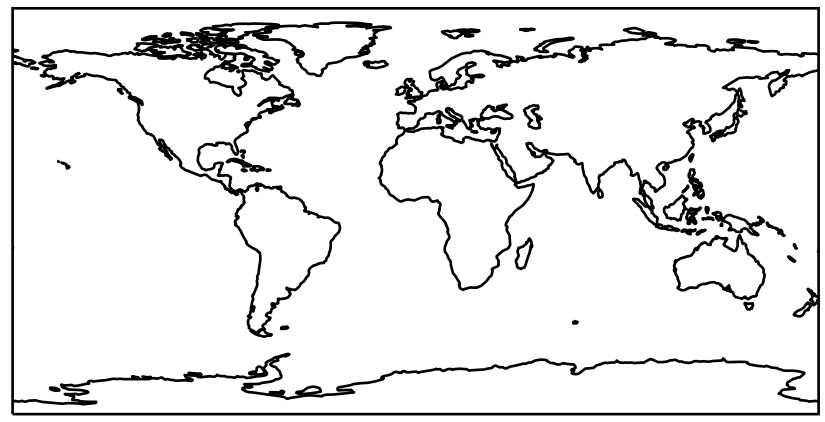
EmisALD2_Ship

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



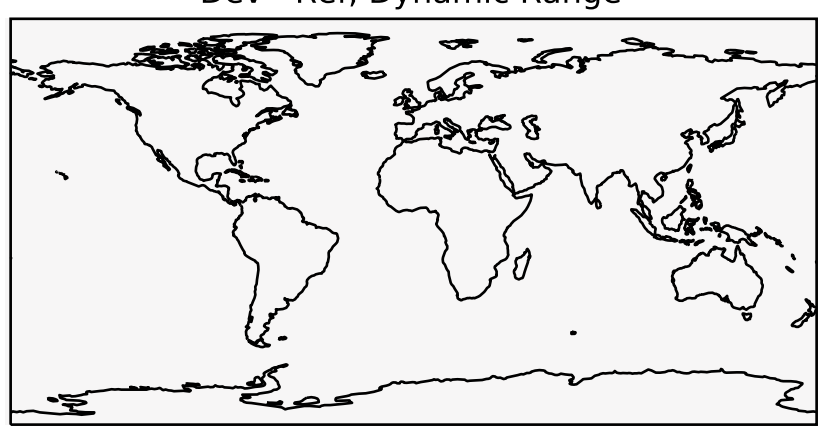
Zero throughout domain
kg/m2/s

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



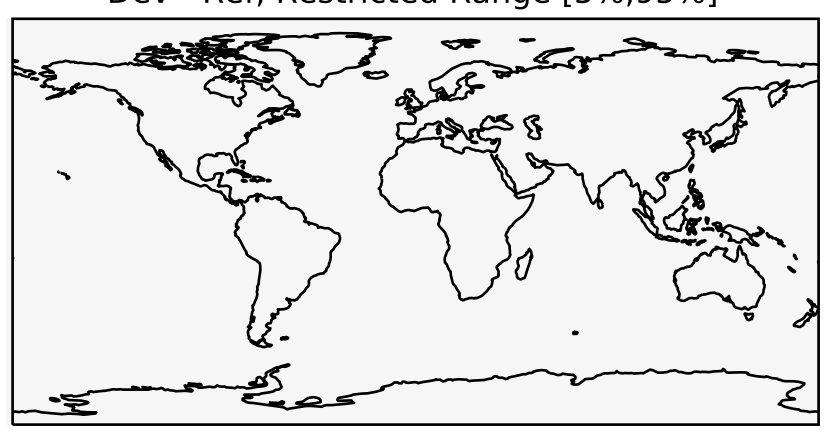
Zero throughout domain
kg/m2/s

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

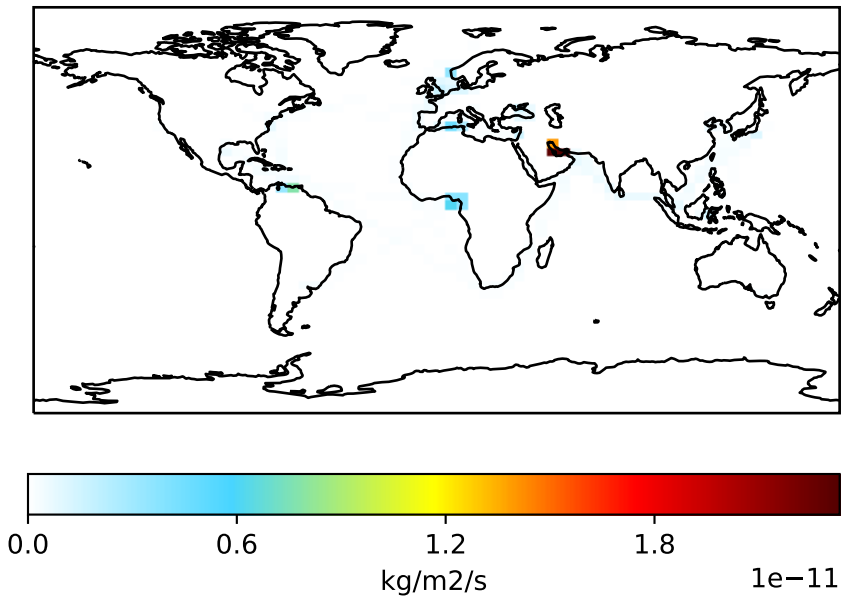
Undefined throughout domain
unitless

Ratio
Dev/Ref, Fixed Range

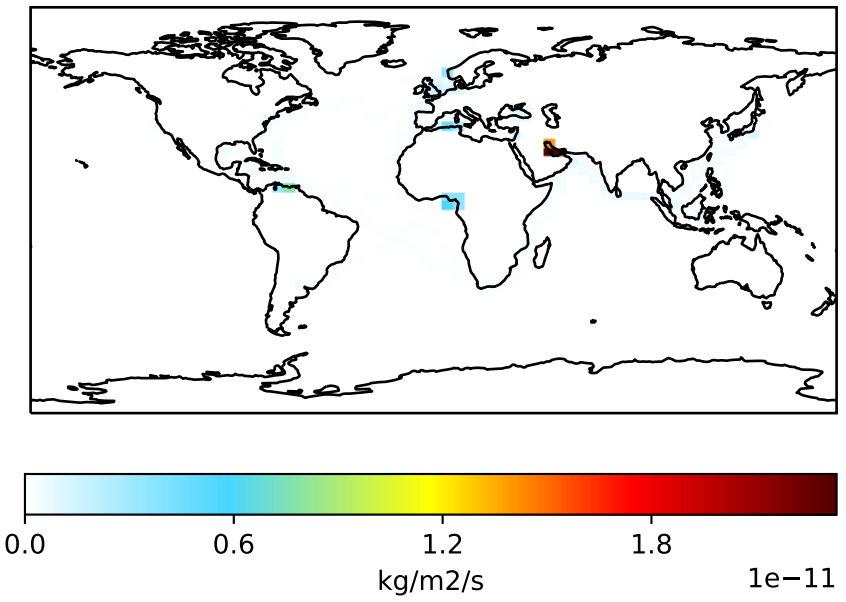
Undefined throughout domain
unitless

EmisALK4_Ship

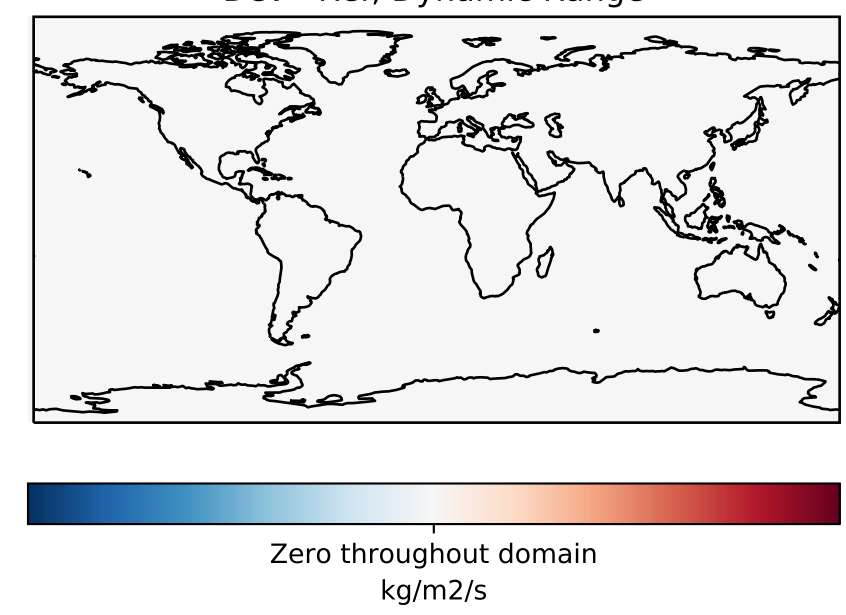
GC_12.8.0_GEOSFP_5.22 (Ref)
4.0x5.0



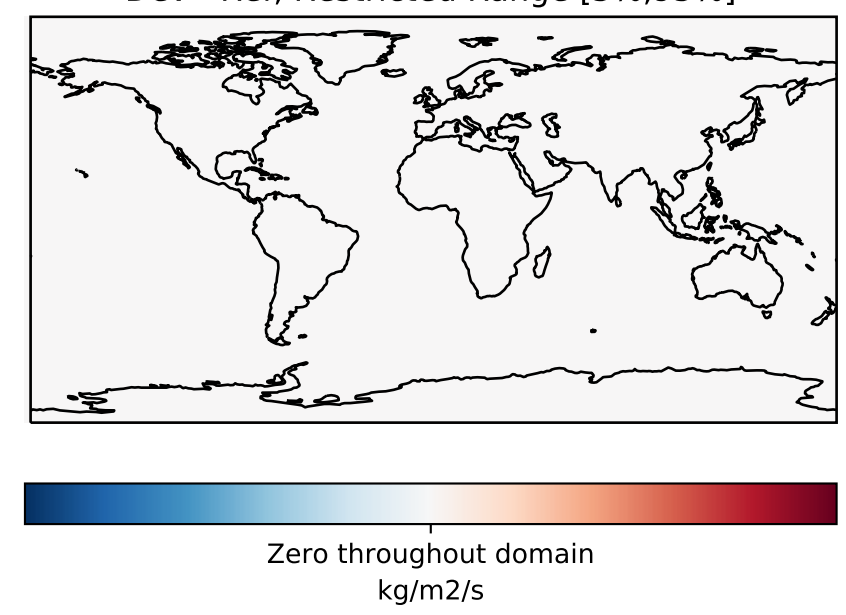
GC_12.8.0_GEOSFP_5.25 (Dev)
4.0x5.0



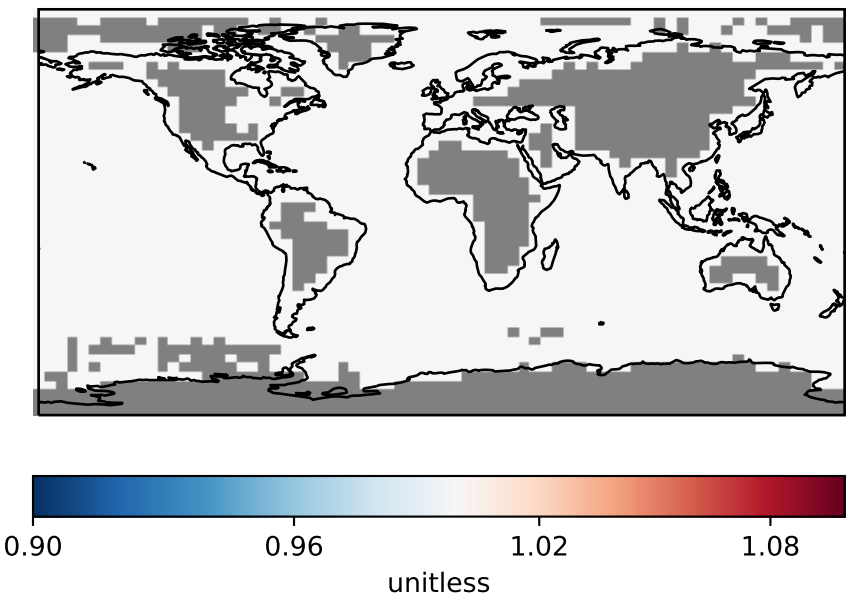
Difference
Dev - Ref, Dynamic Range



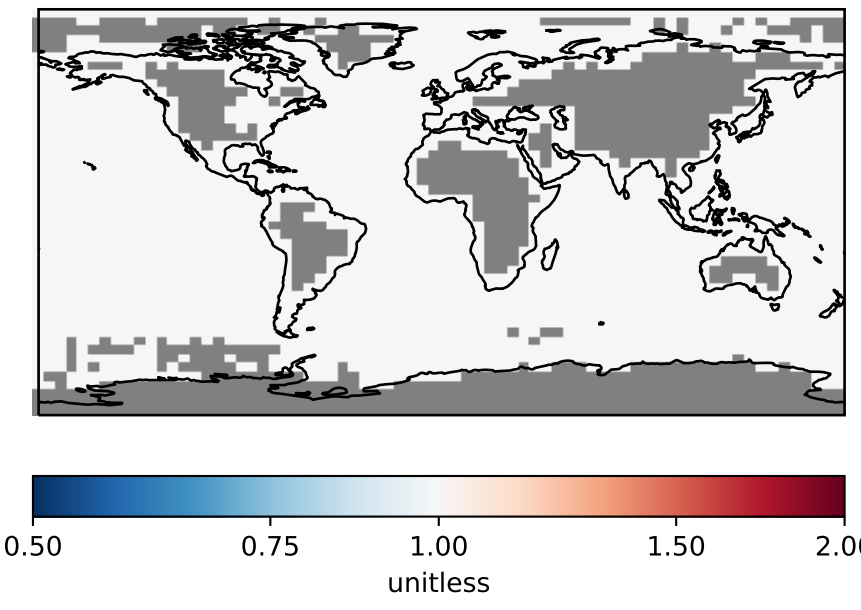
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

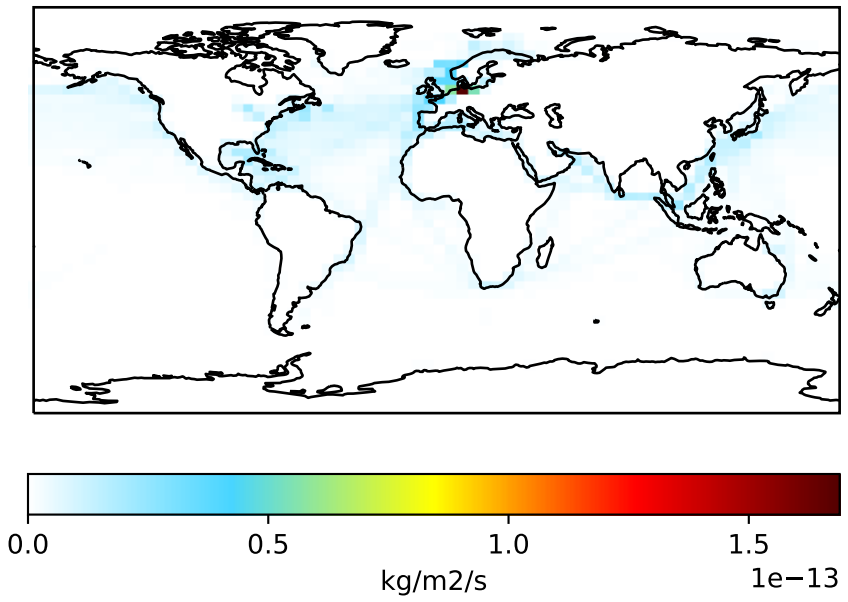


Ratio
Dev/Ref, Fixed Range

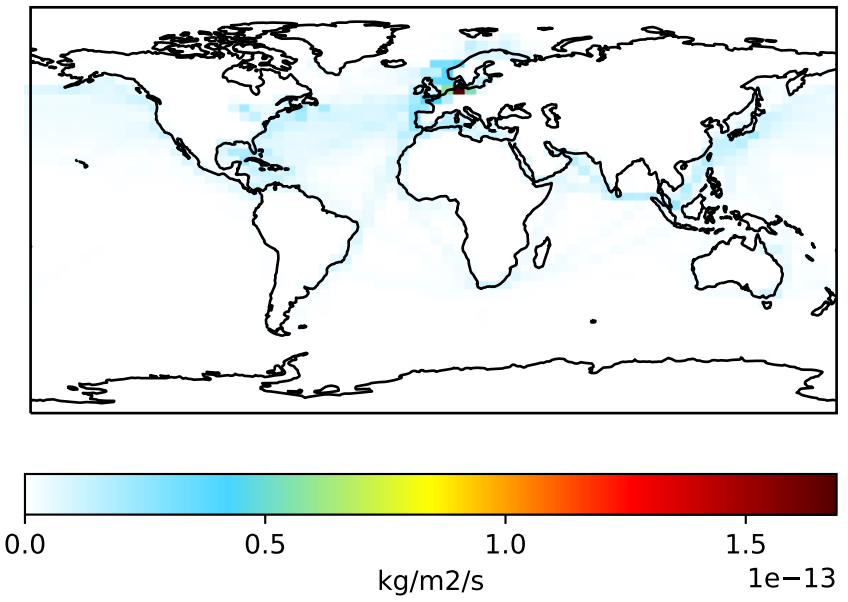


EmisBCPI_Ship

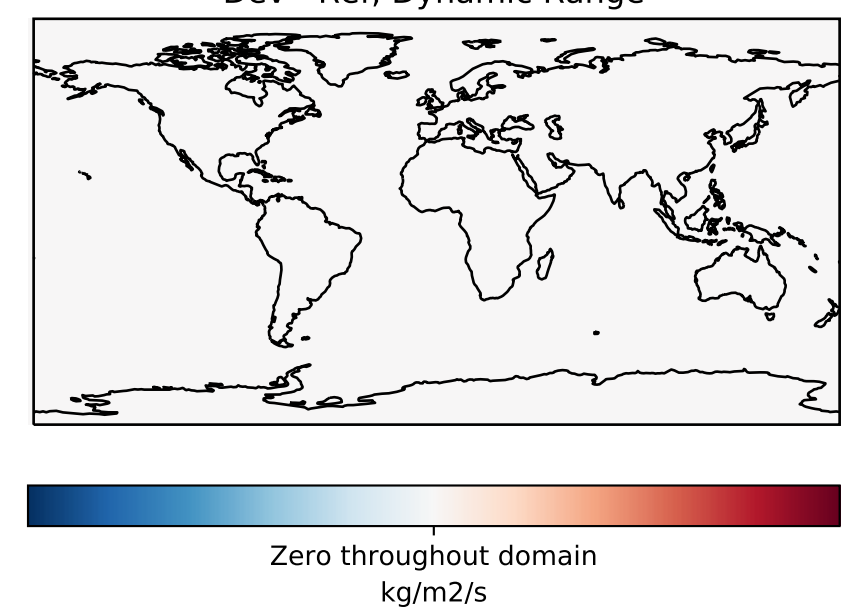
GC_12.8.0_GEOSFP_5.22 (Ref)
4.0x5.0



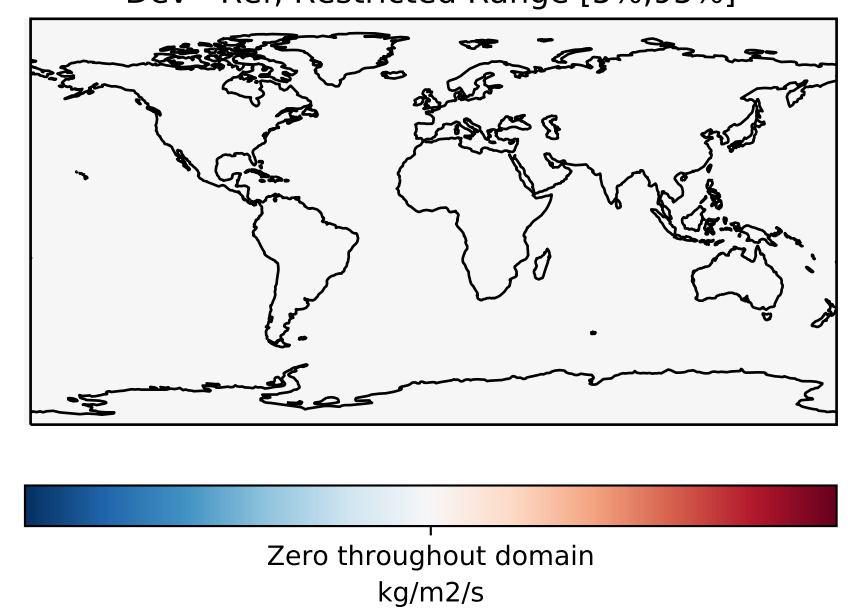
GC_12.8.0_GEOSFP_5.25 (Dev)
4.0x5.0



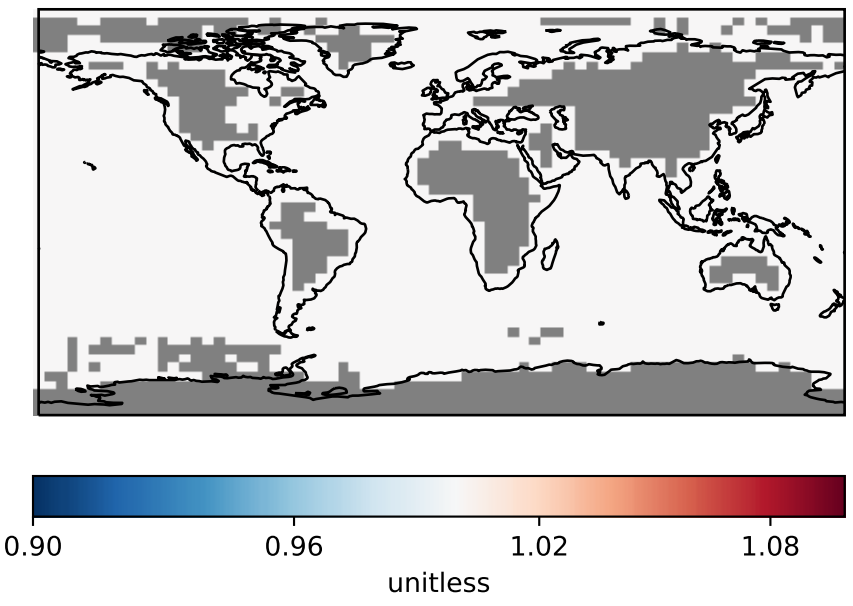
Difference
Dev - Ref, Dynamic Range



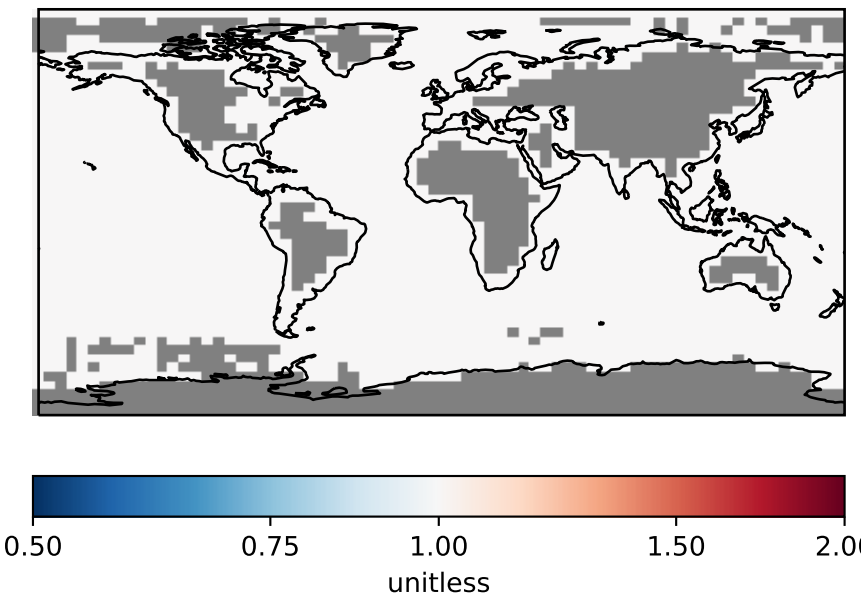
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

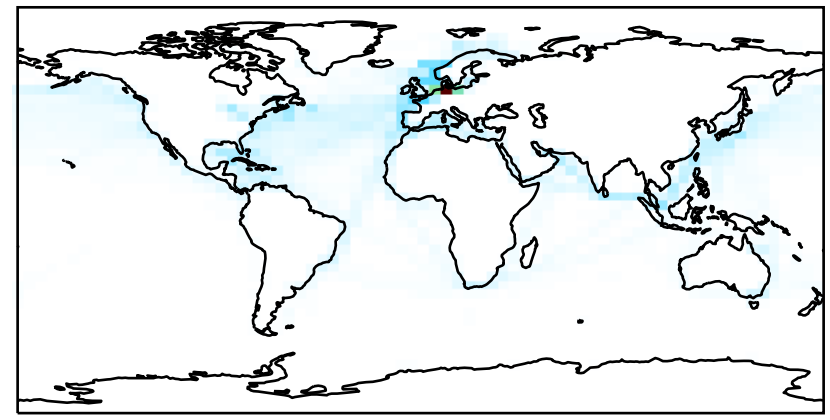


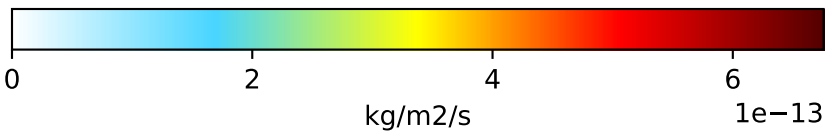
Ratio
Dev/Ref, Fixed Range



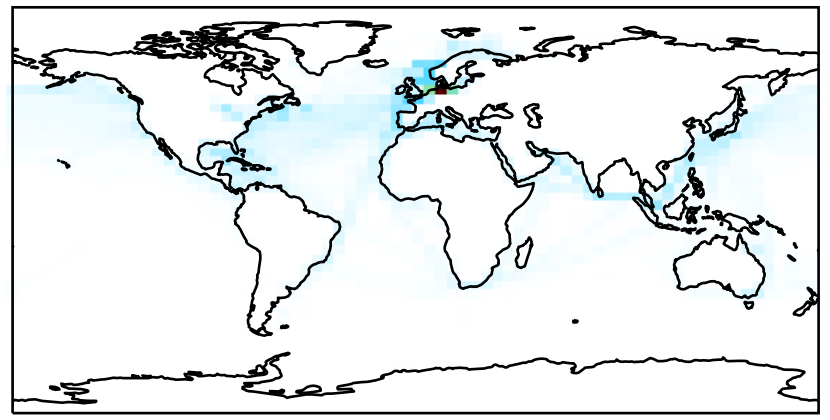
EmisBCPO_Ship

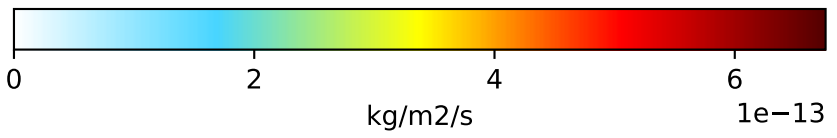
GC_12.8.0_GEOSFP_5.22 (Ref)
4.0x5.0



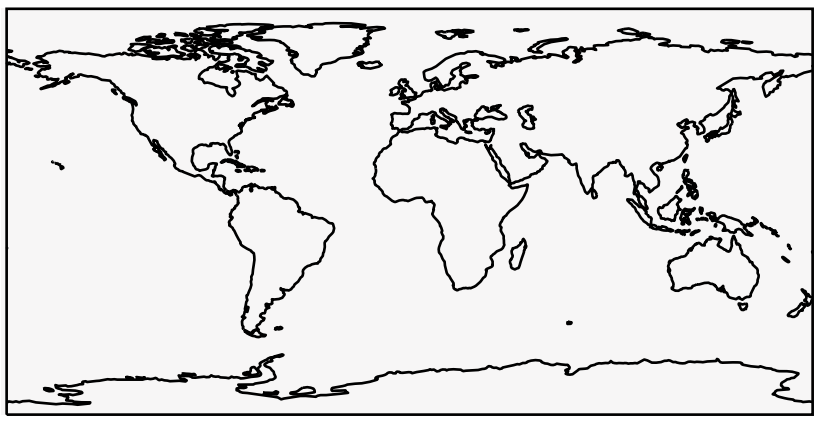


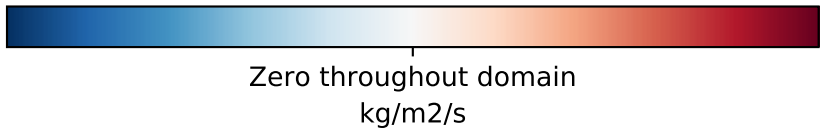
GC_12.8.0_GEOSFP_5.25 (Dev)
4.0x5.0



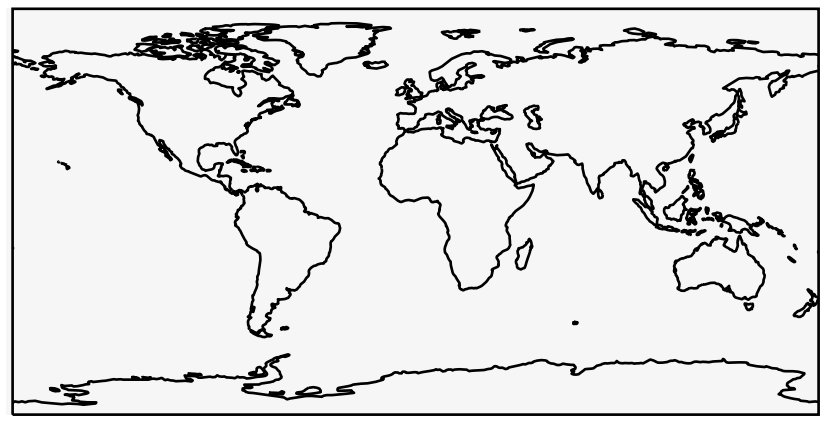


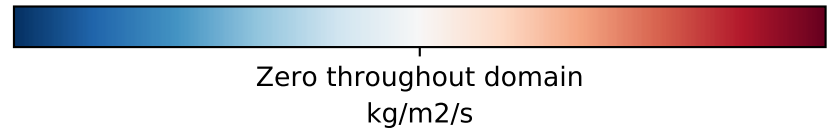
Difference
Dev - Ref, Dynamic Range



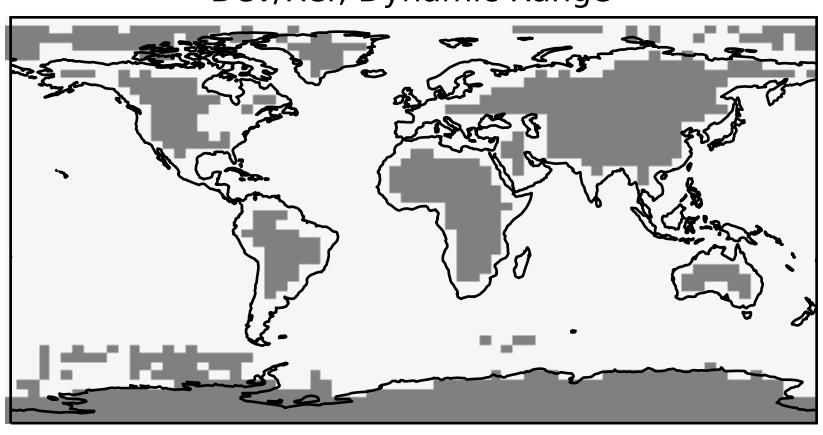


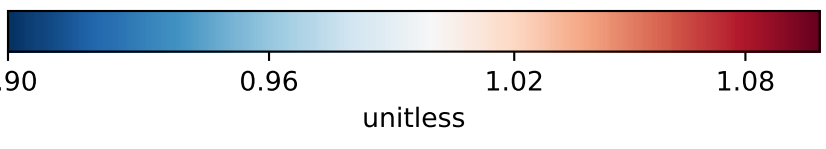
Difference
Dev - Ref, Restricted Range [5%,95%]



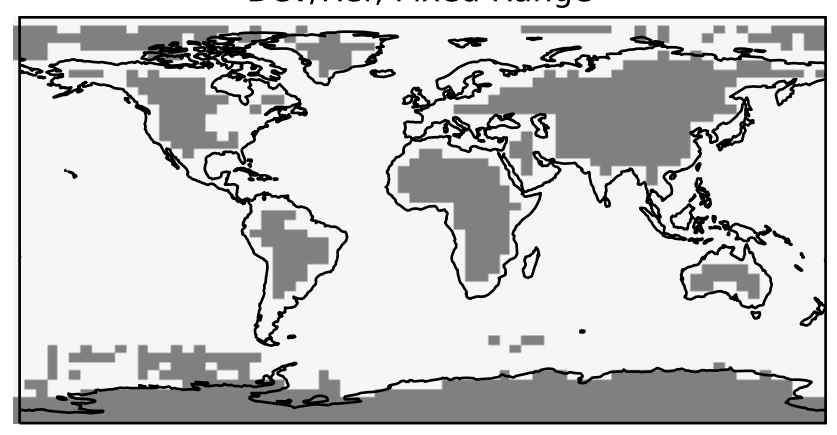


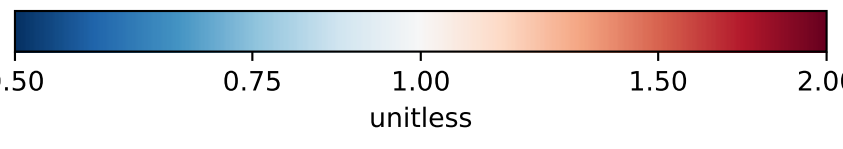
Ratio
Dev/Ref, Dynamic Range





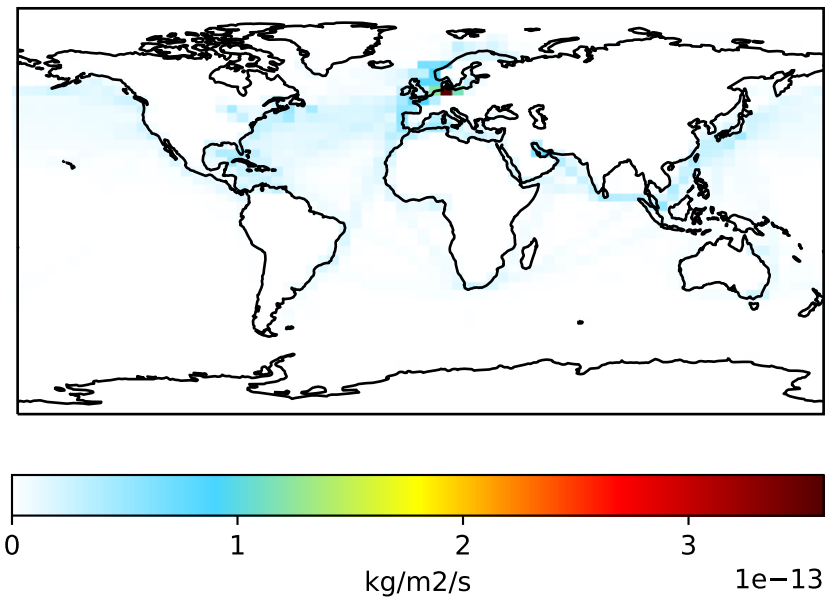
Ratio
Dev/Ref, Fixed Range



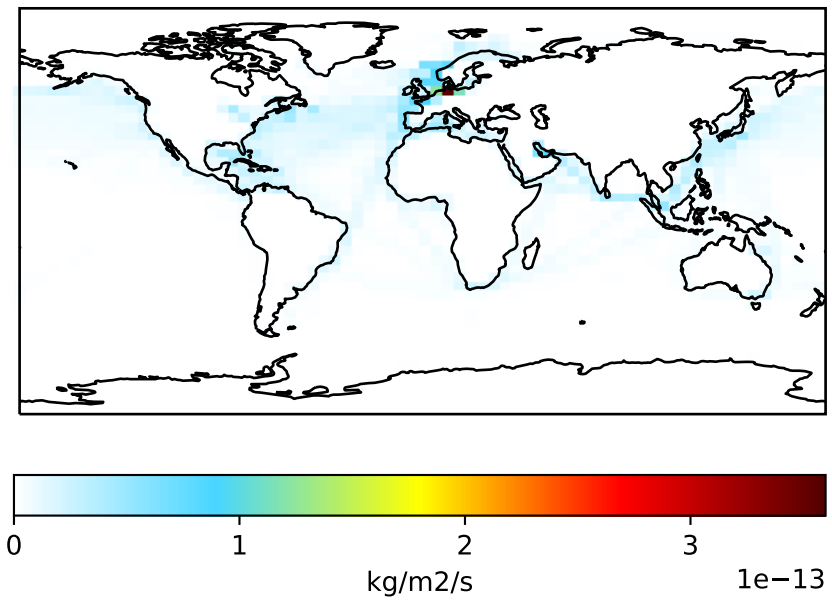


EmisBENZ_Ship

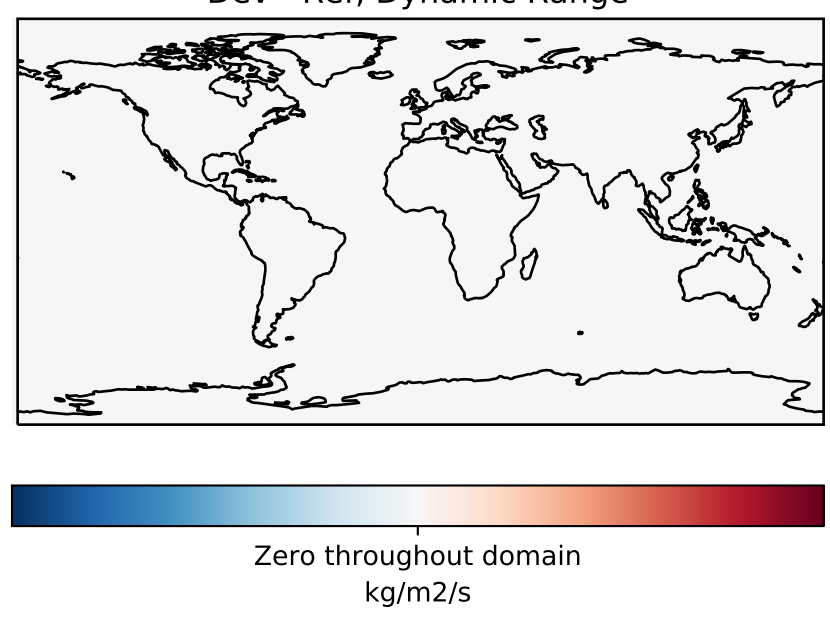
GC_12.8.0_GEOSFP_5.22 (Ref)
4.0x5.0



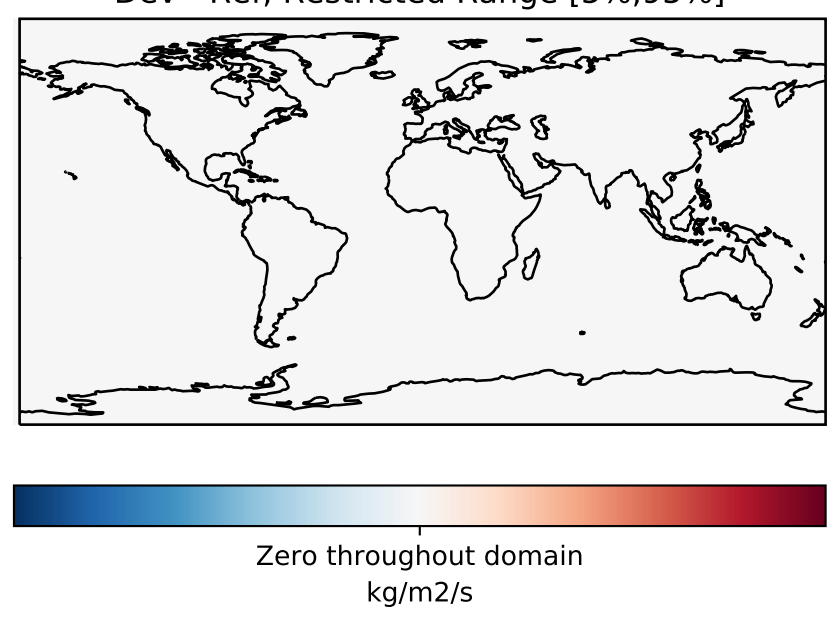
GC_12.8.0_GEOSFP_5.25 (Dev)
4.0x5.0



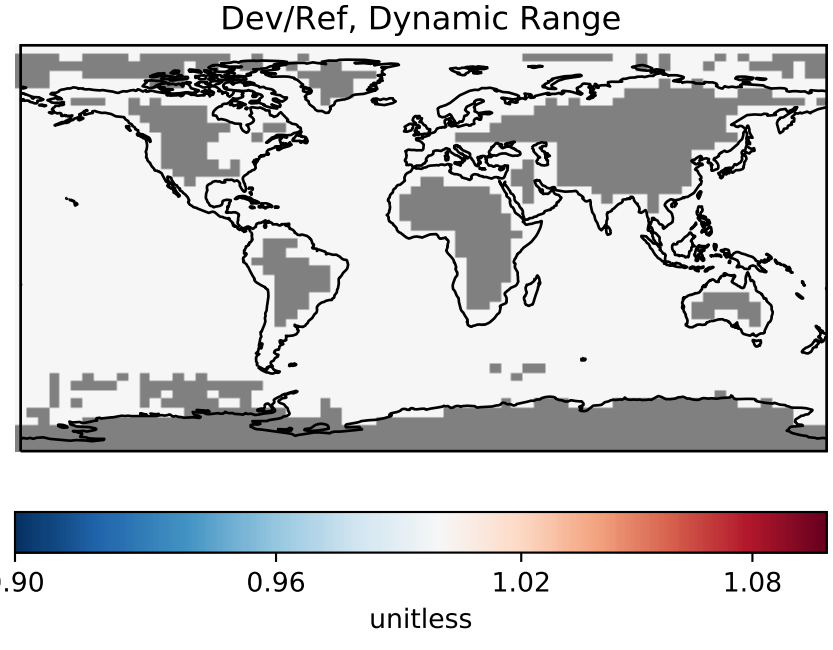
Difference
Dev - Ref, Dynamic Range



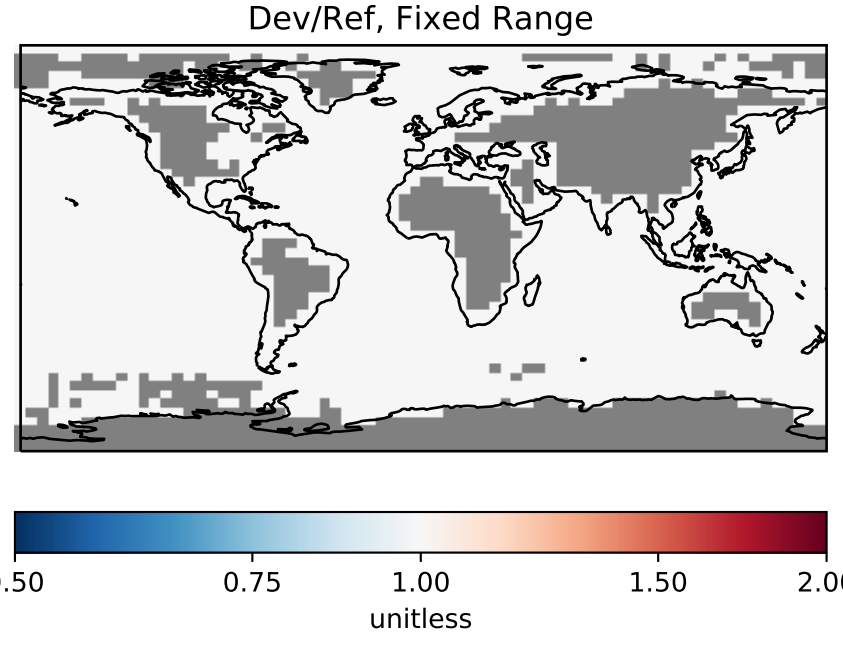
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

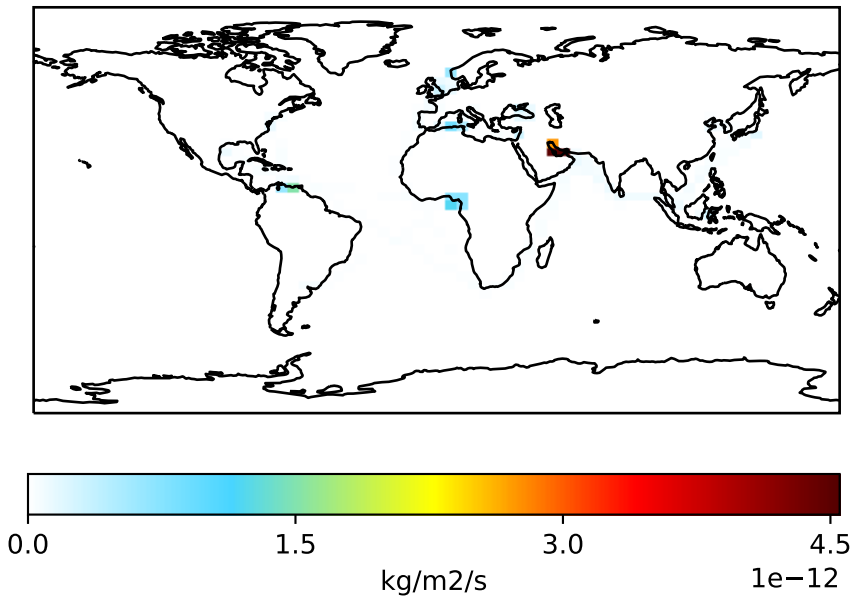


Ratio
Dev/Ref, Fixed Range

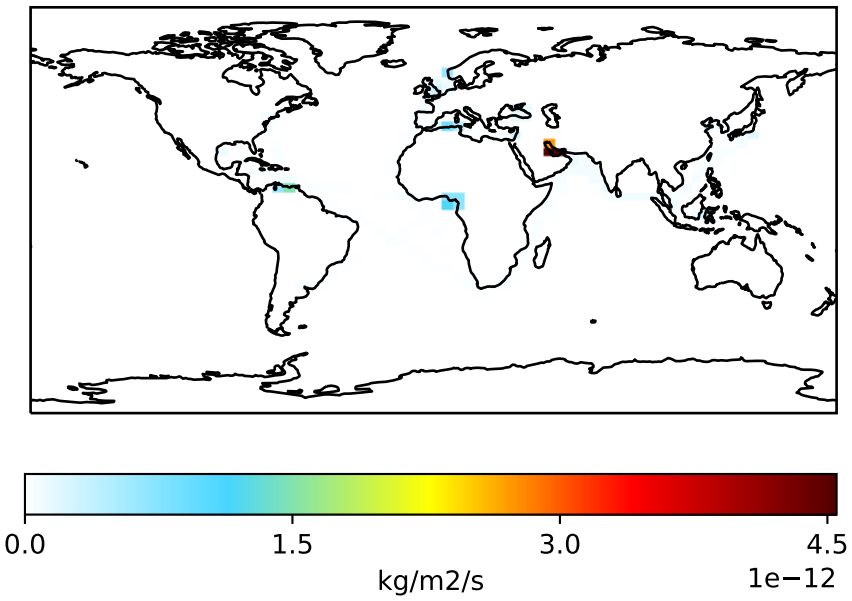


EmisC2H6_Ship

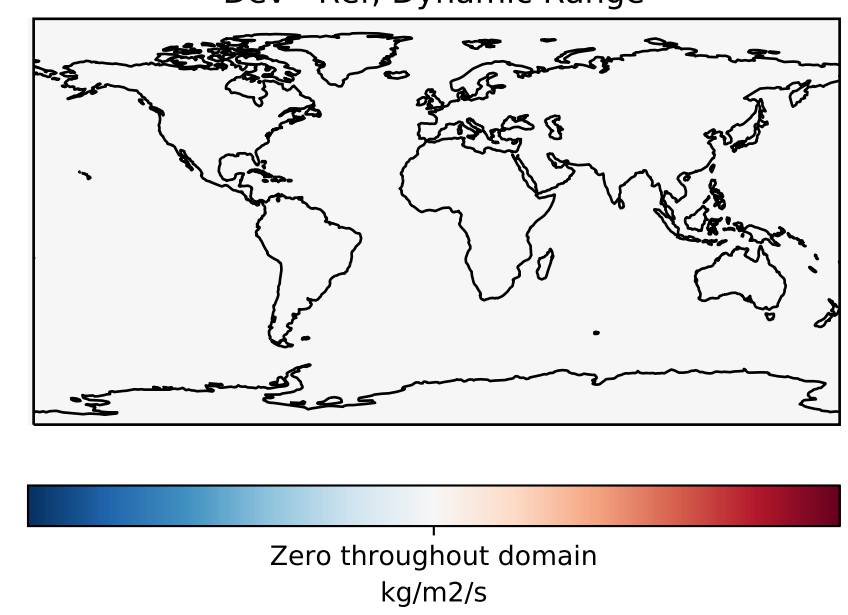
GC_12.8.0_GEOSFP_5.22 (Ref)
4.0x5.0



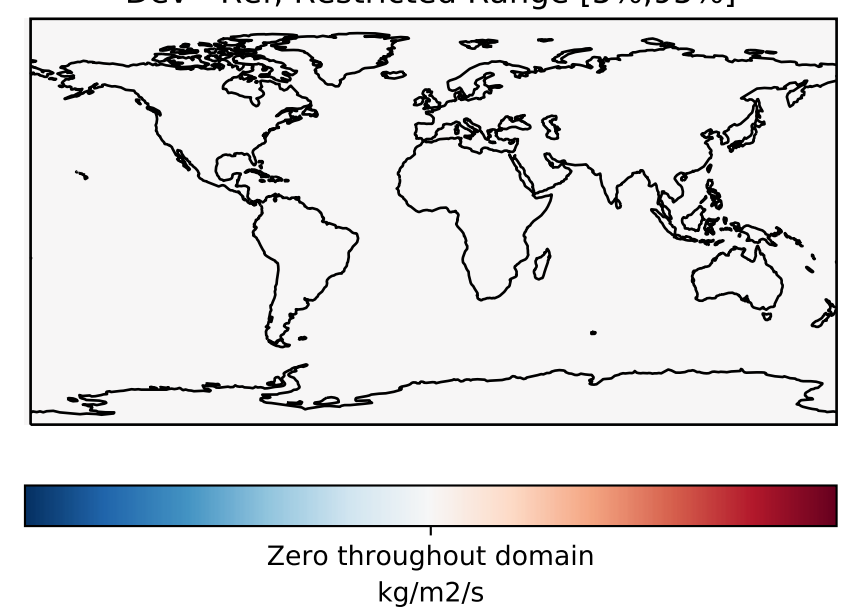
GC_12.8.0_GEOSFP_5.25 (Dev)
4.0x5.0



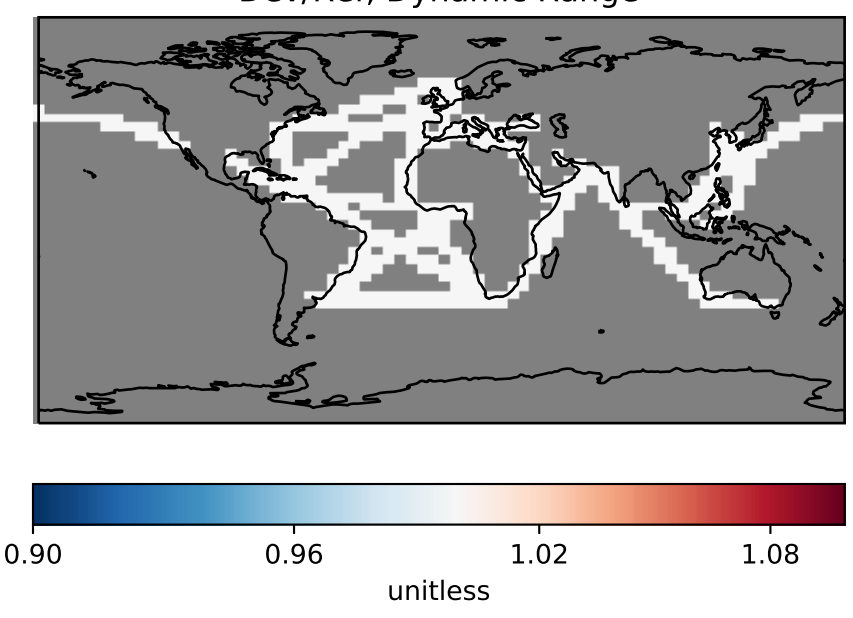
Difference
Dev - Ref, Dynamic Range



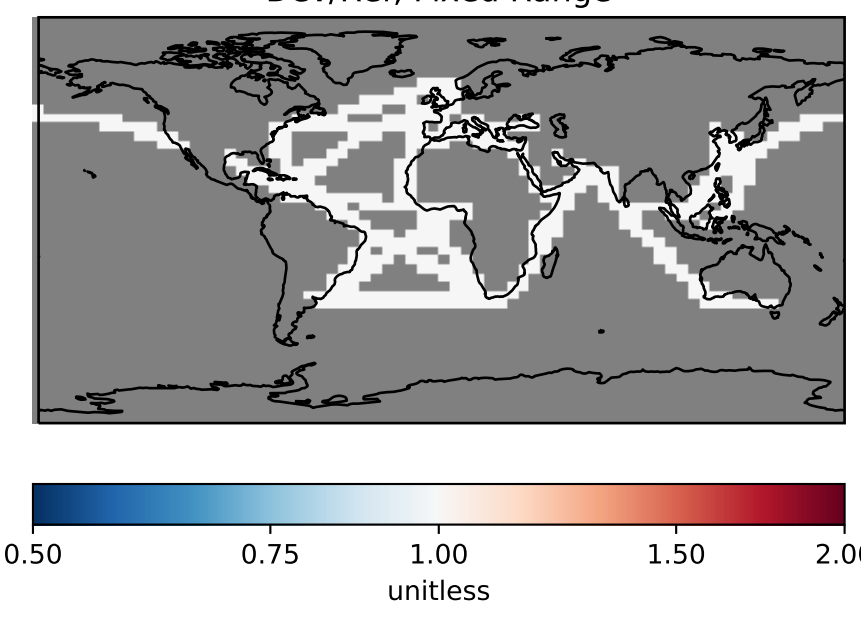
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

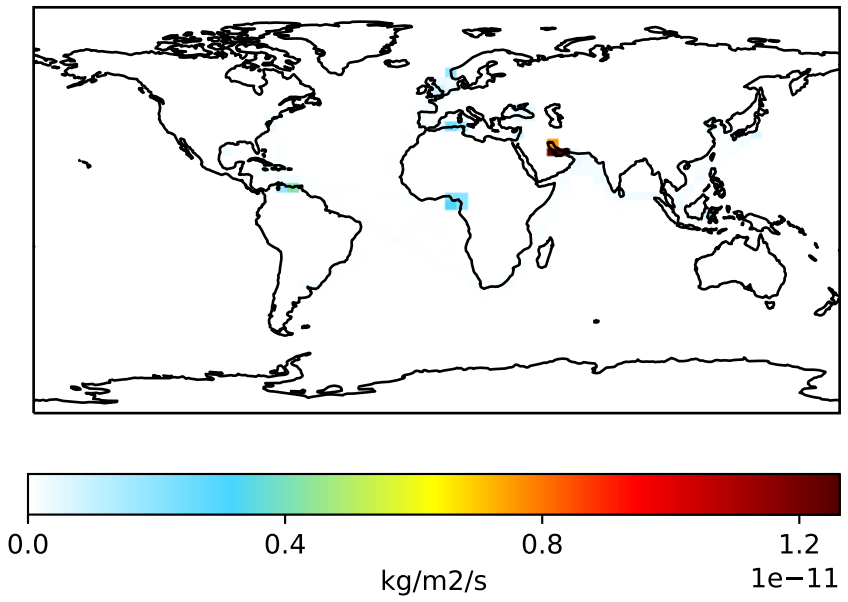


Ratio
Dev/Ref, Fixed Range

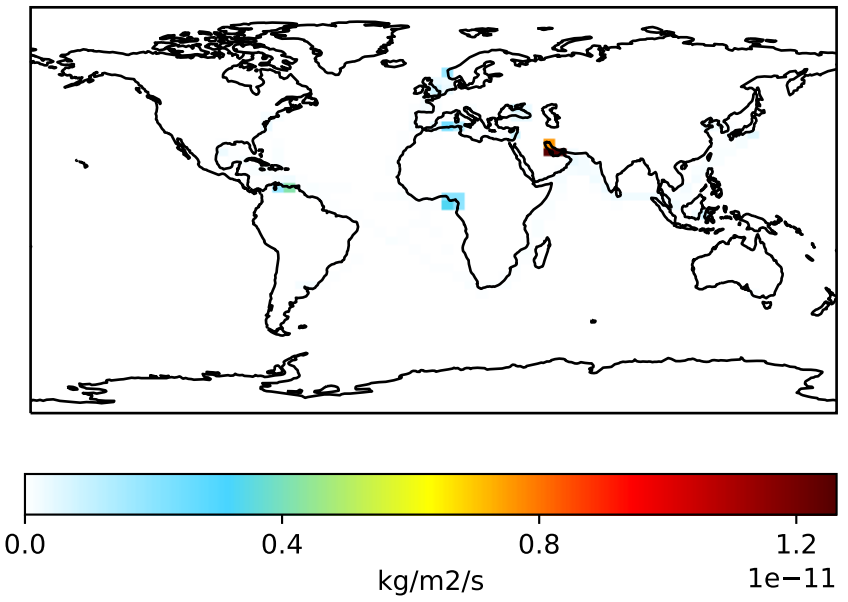


EmisC3H8_Ship

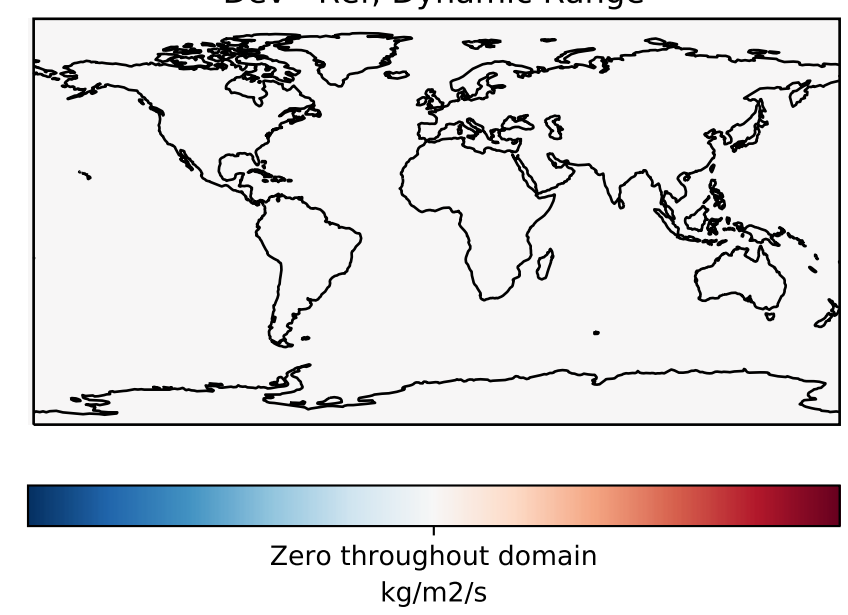
GC_12.8.0_GEOSFP_5.22 (Ref)
4.0x5.0



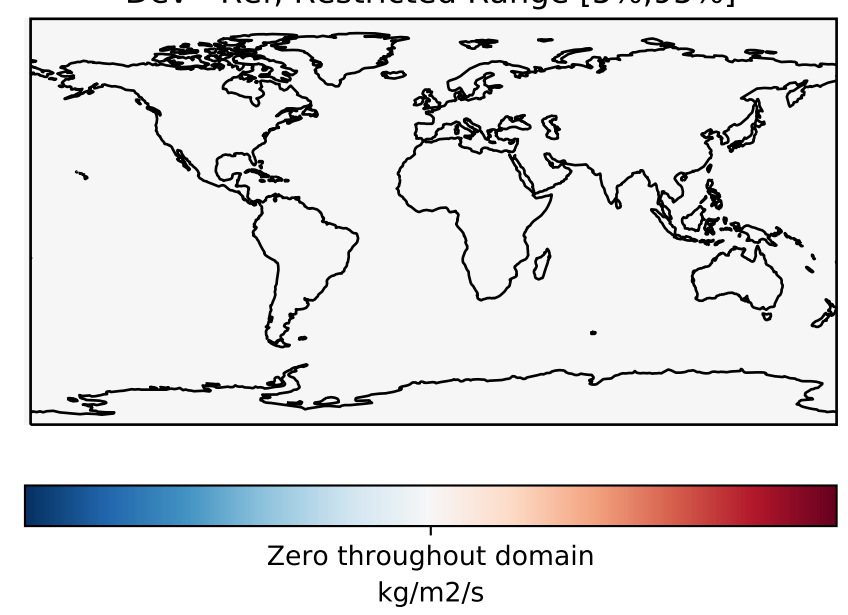
GC_12.8.0_GEOSFP_5.25 (Dev)
4.0x5.0



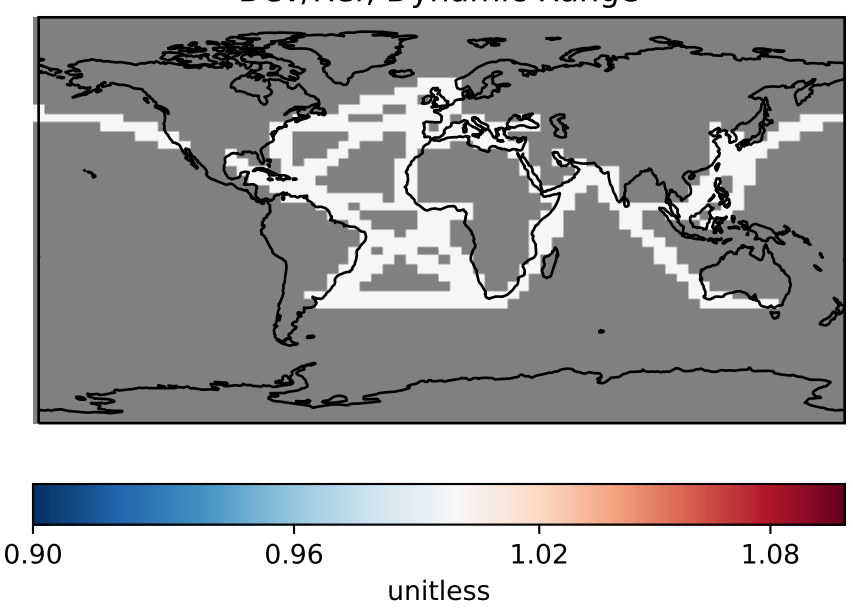
Difference
Dev - Ref, Dynamic Range



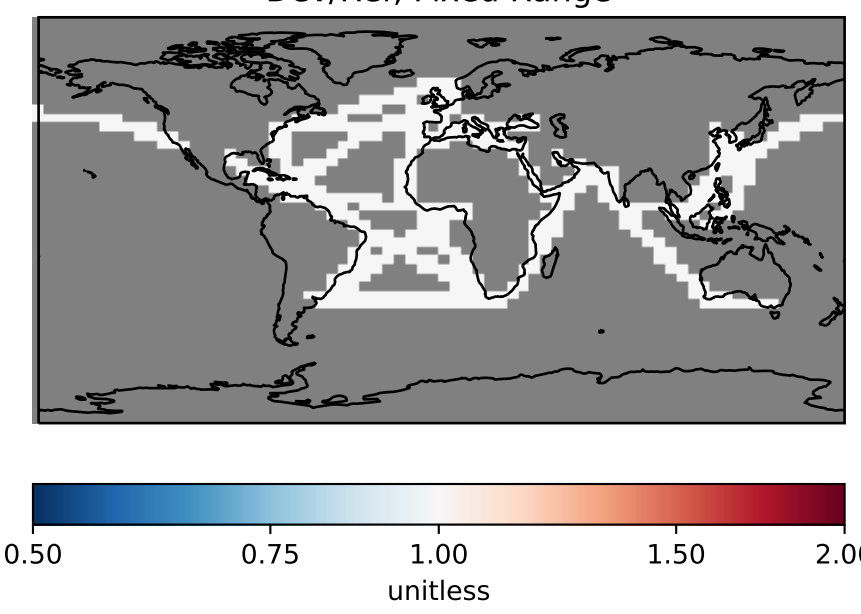
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

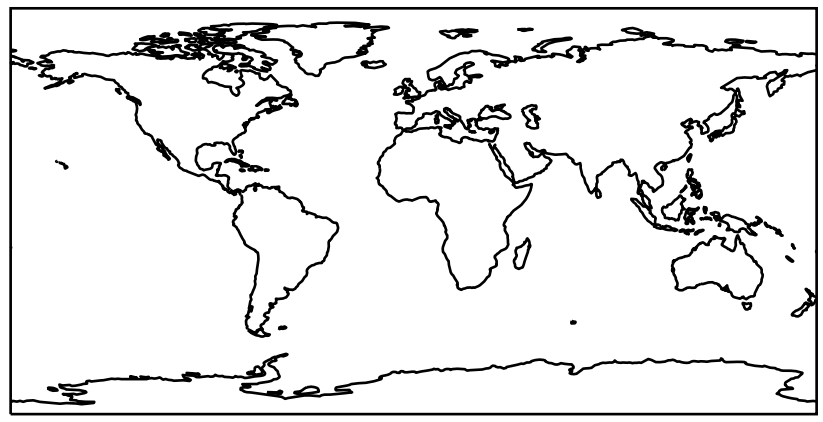


Ratio
Dev/Ref, Fixed Range



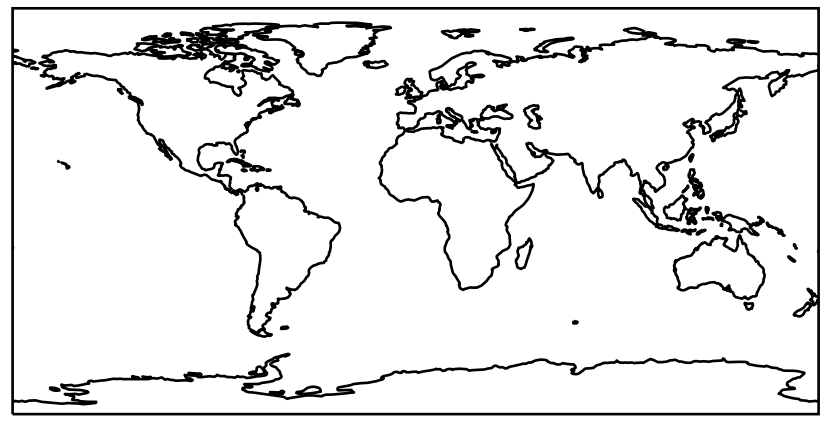
EmisCH2O_Ship

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



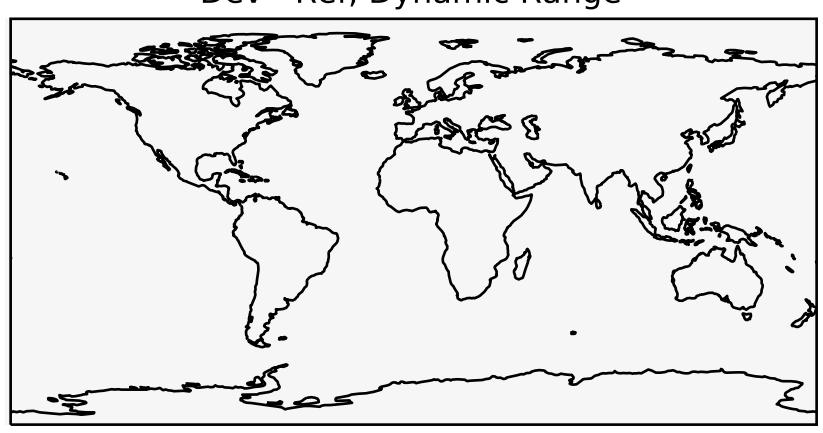
Zero throughout domain
kg/m2/s

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



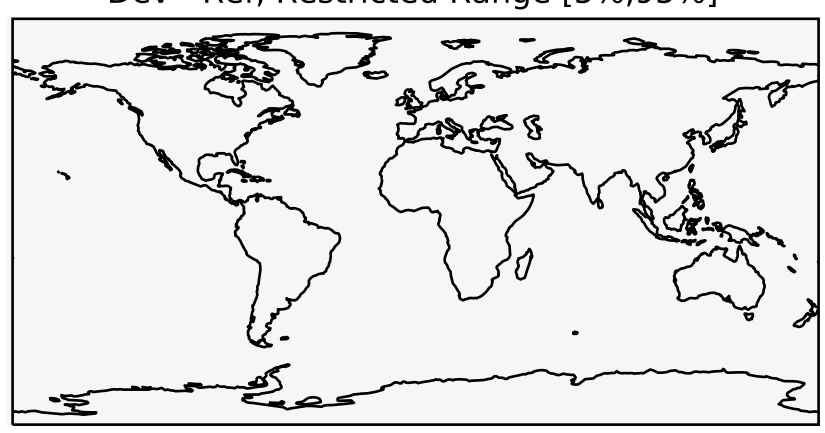
Zero throughout domain
kg/m2/s

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

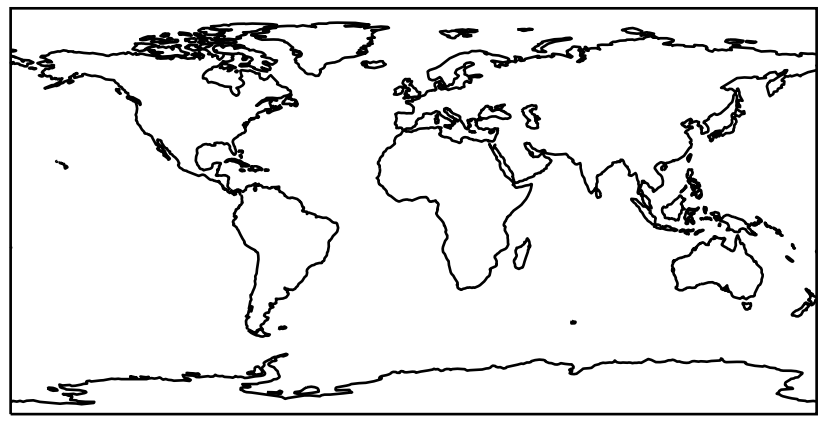
Undefined throughout domain
unitless

Ratio
Dev/Ref, Fixed Range

Undefined throughout domain
unitless

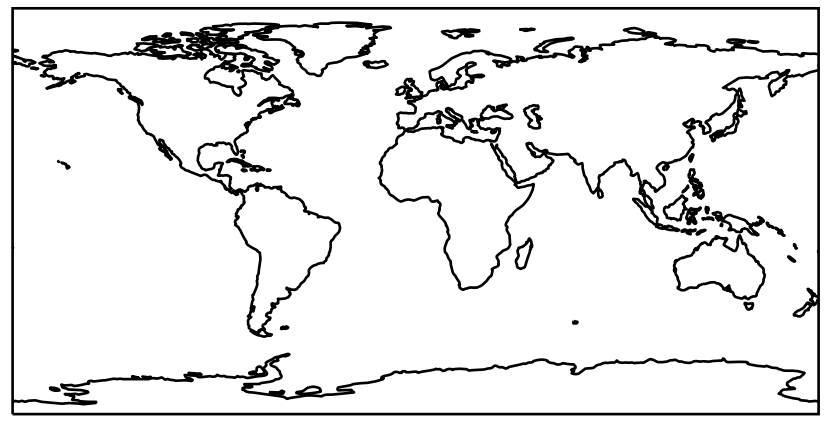
EmisCH4_Ship

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



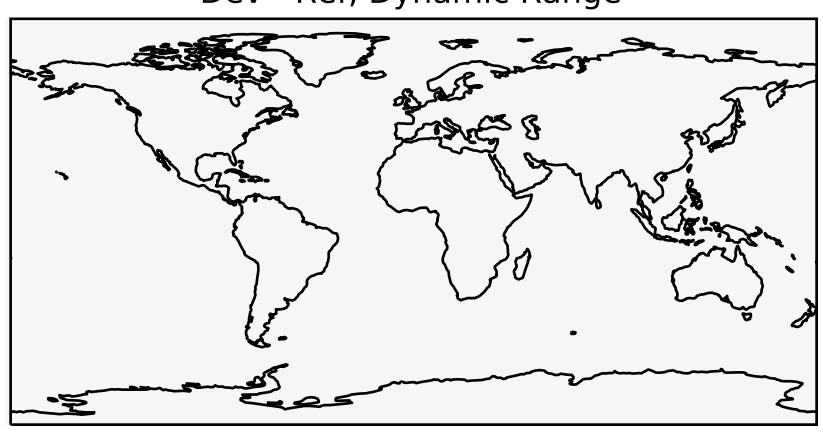
Zero throughout domain
kg/m2/s

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



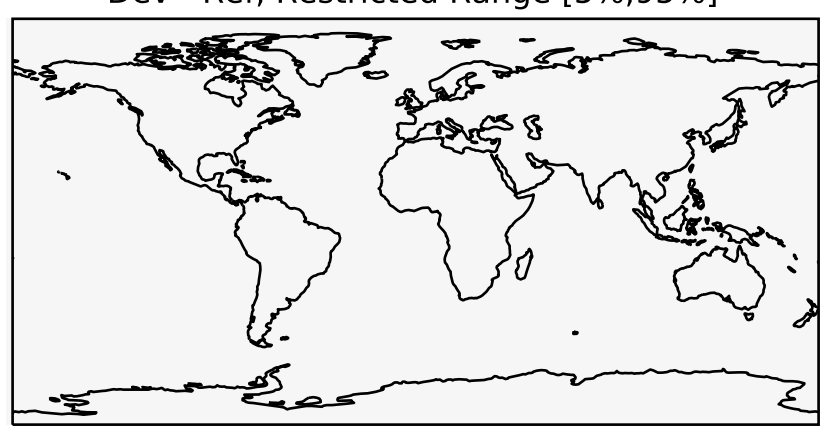
Zero throughout domain
kg/m2/s

Difference
Dev - Ref, Dynamic Range



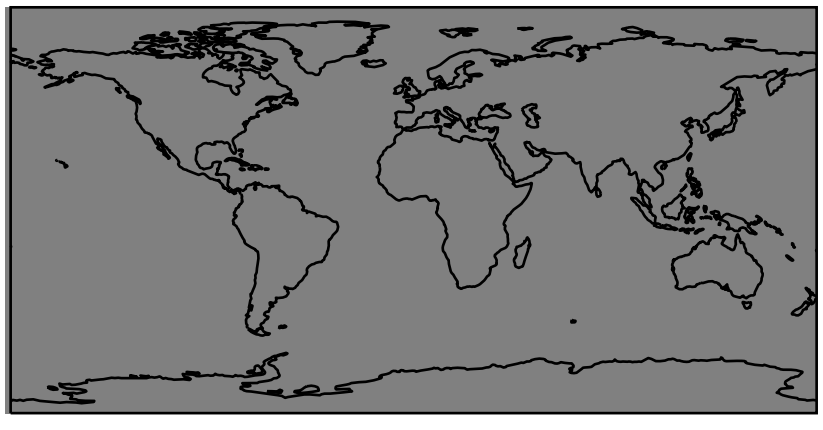
Zero throughout domain
kg/m2/s

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



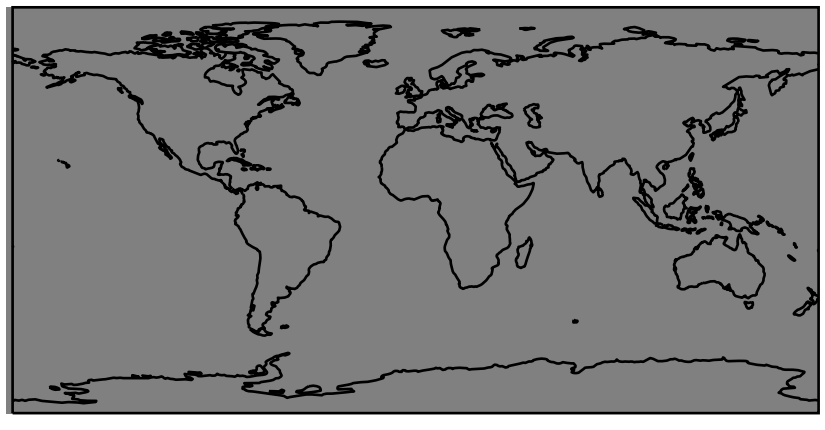
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

Ratio
Dev/Ref, Fixed Range



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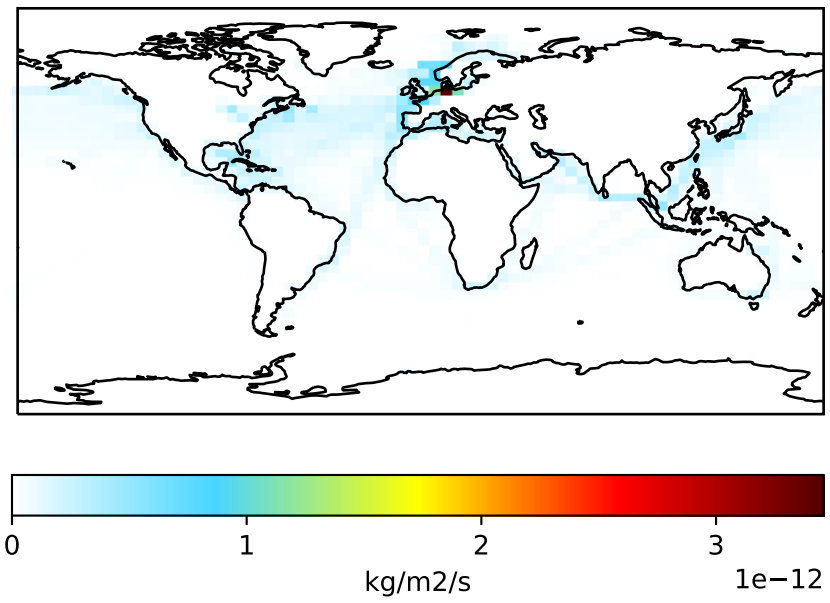
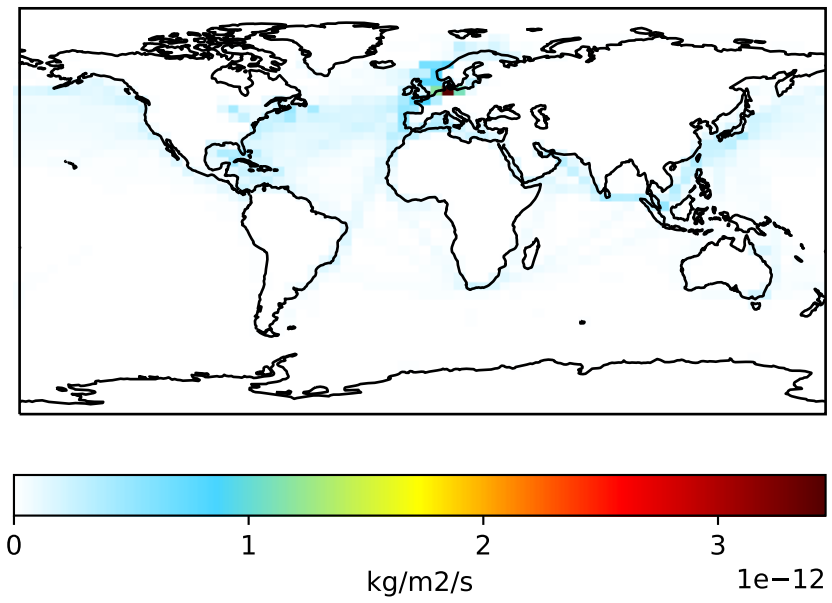
EmisCO_Ship

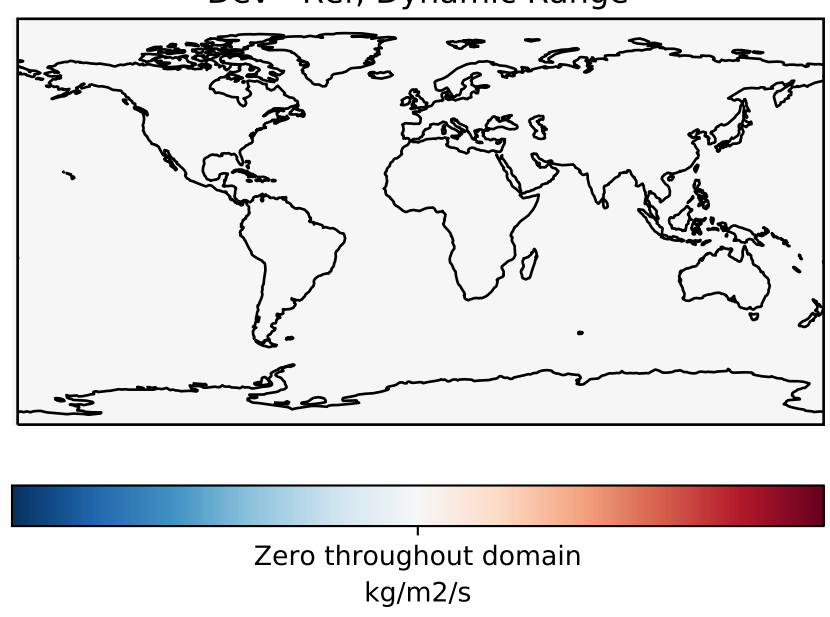
GC_12.8.0_GEOSFP_5.22 (Ref)
4.0x5.0



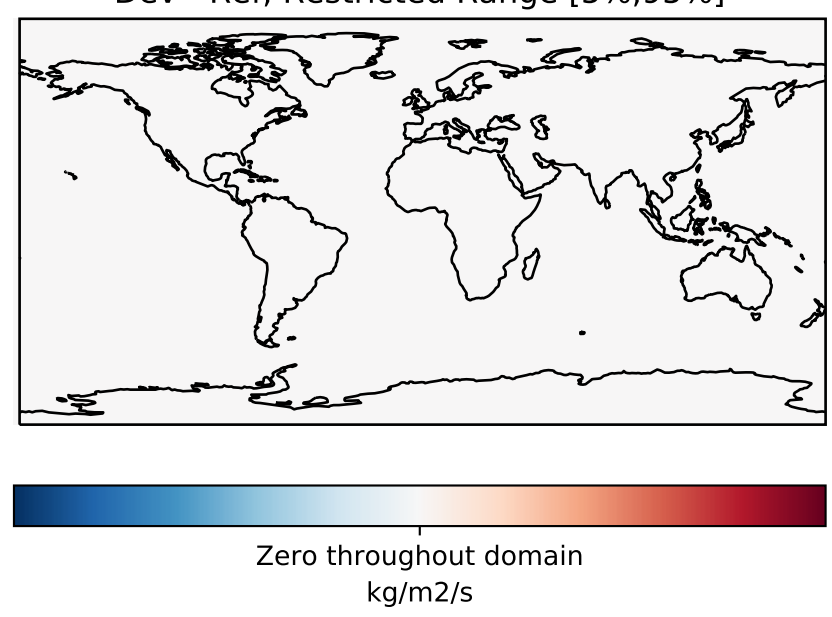
GC_12.8.0_GEOSFP_5.25 (Dev)
4.0x5.0



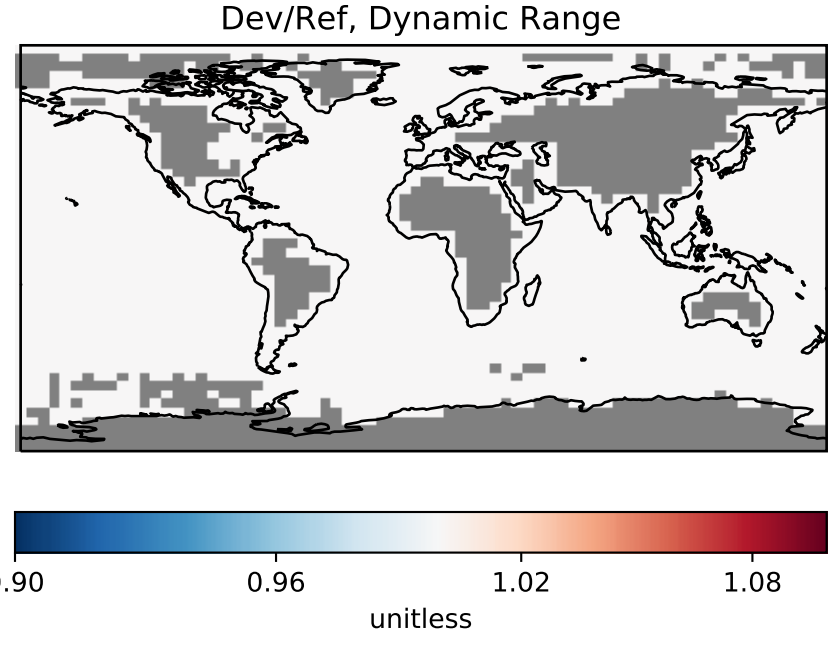
Difference
Dev - Ref, Dynamic Range



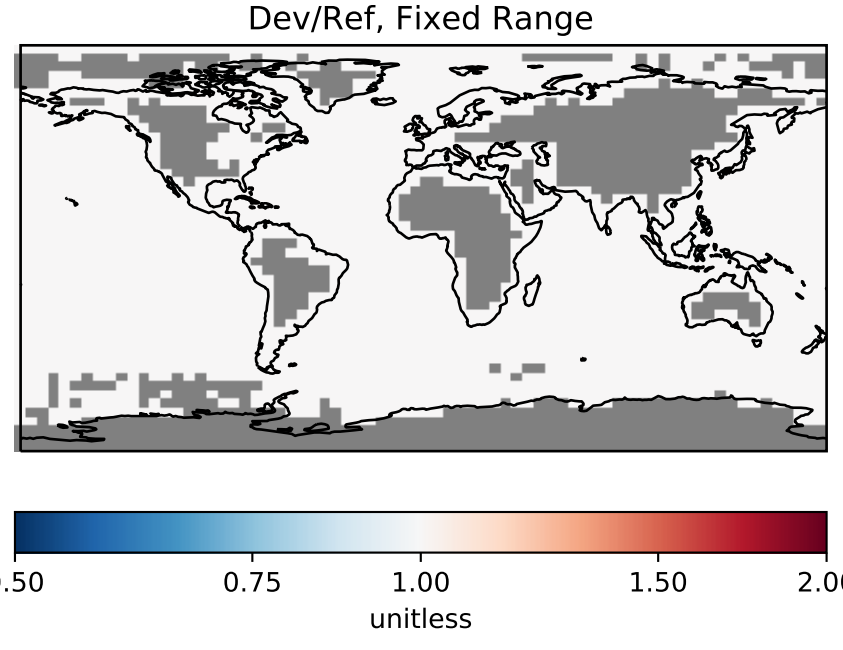
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

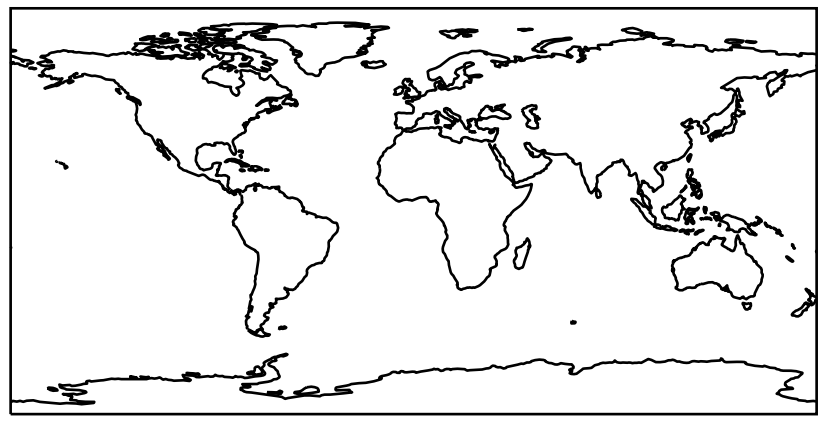


Ratio
Dev/Ref, Fixed Range



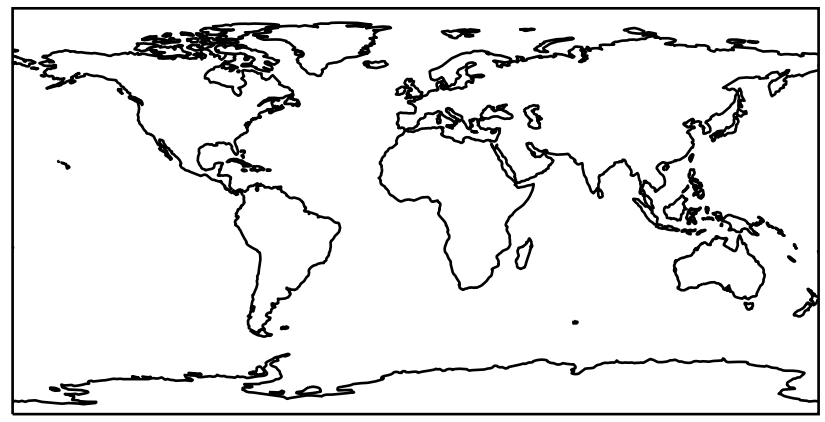
EmisEOH_Ship

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



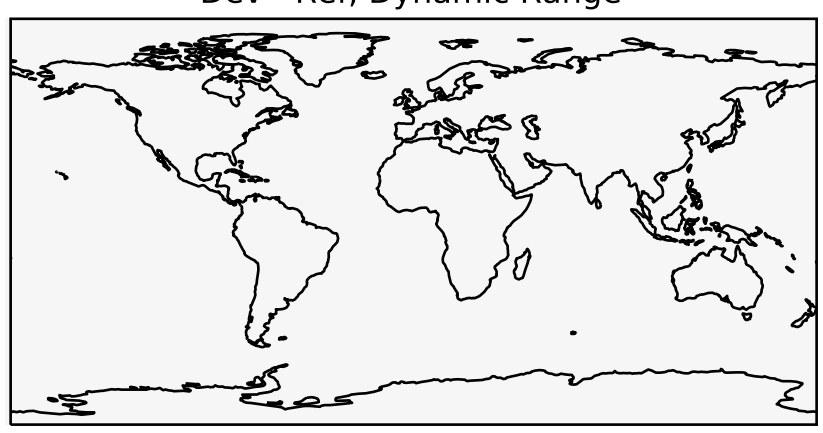
Zero throughout domain
kg/m2/s

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



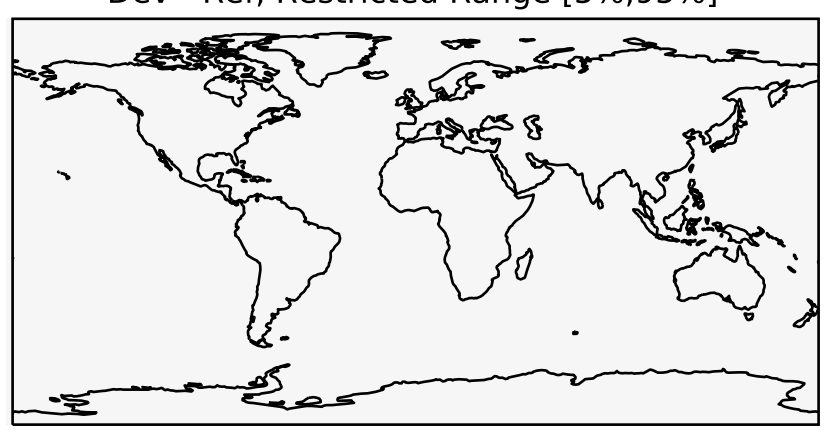
Zero throughout domain
kg/m2/s

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

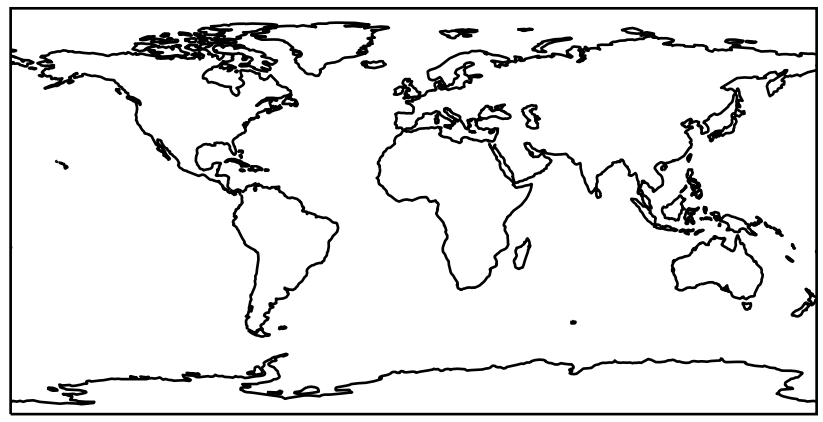
Undefined throughout domain
unitless

Ratio
Dev/Ref, Fixed Range

Undefined throughout domain
unitless

EmisHCOOH_Ship

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



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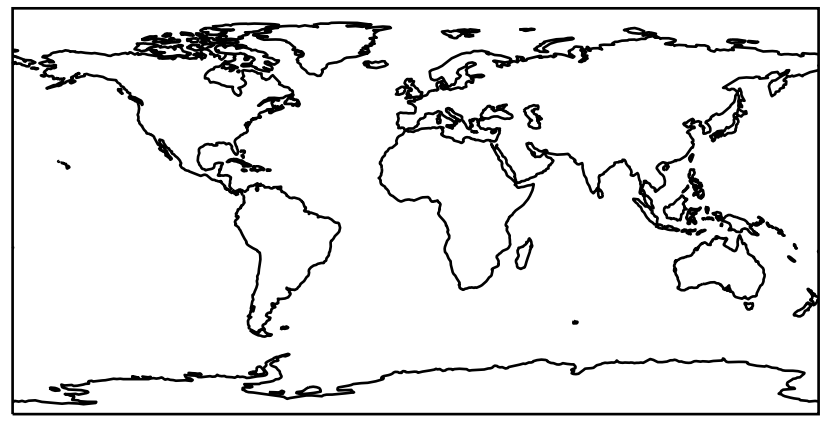
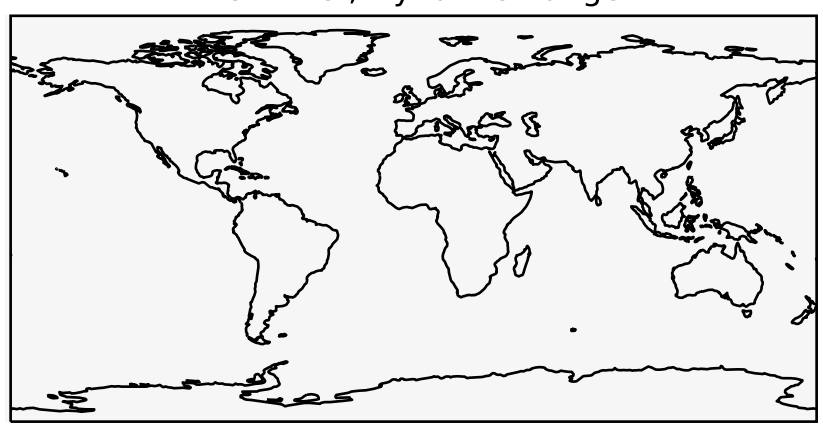
kg/m2/s

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



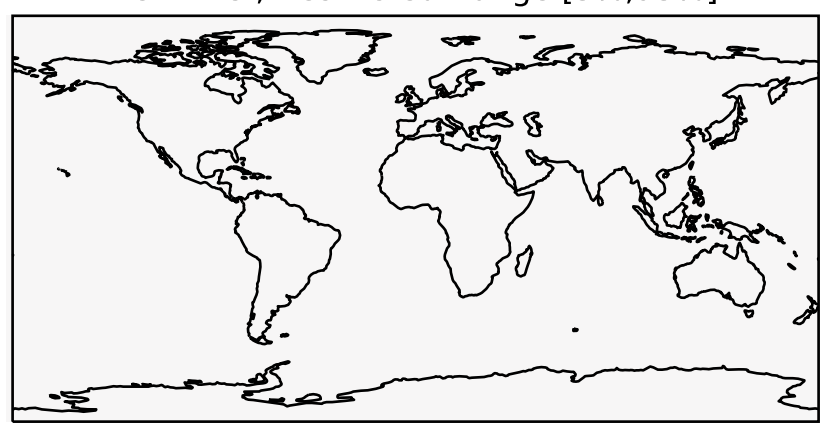
Zero throughout domain
kg/m2/s

Difference
Dev - Ref, Dynamic Range



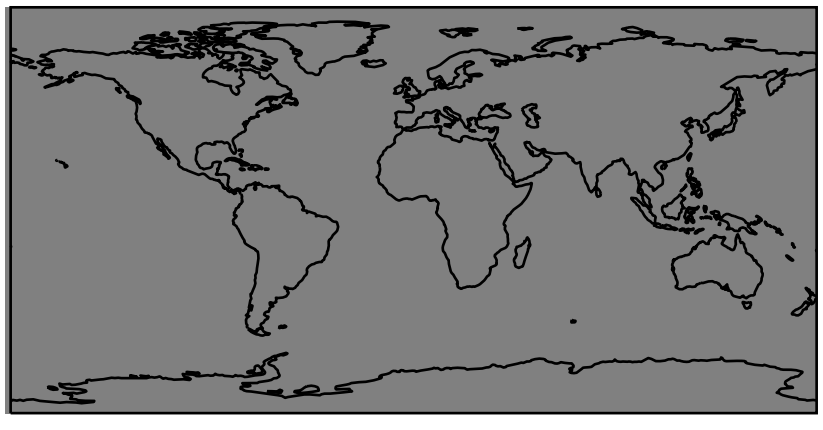
Zero throughout domain
kg/m2/s

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



Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



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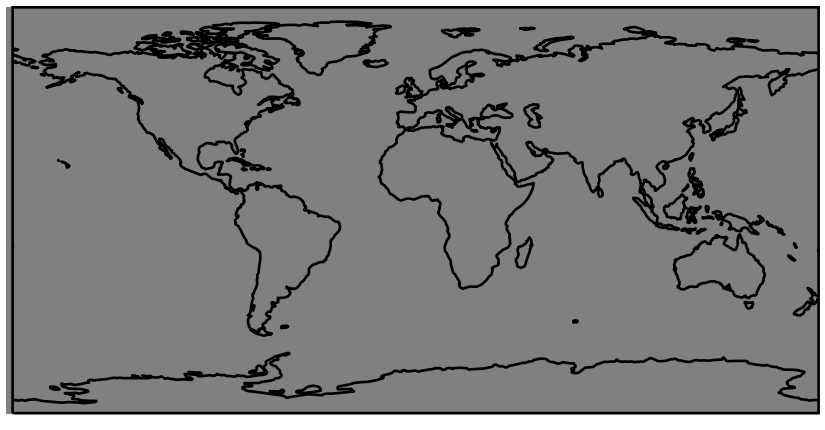
Ratio
Dev/Ref, Fixed Range



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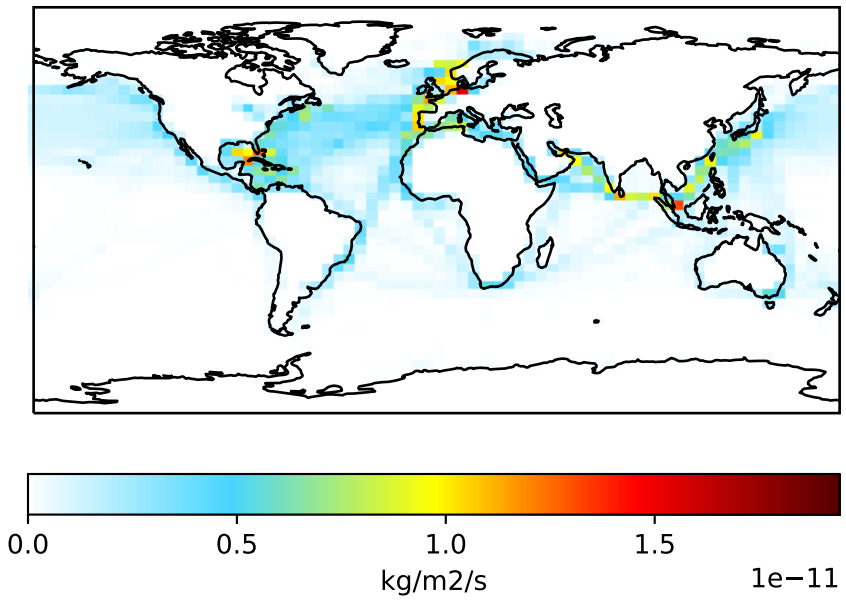
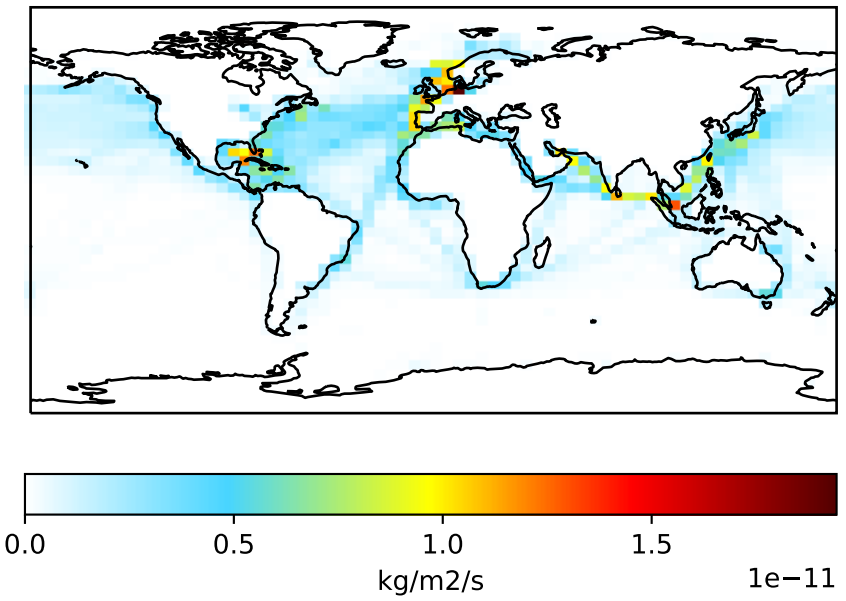
EmisHNO3_Ship

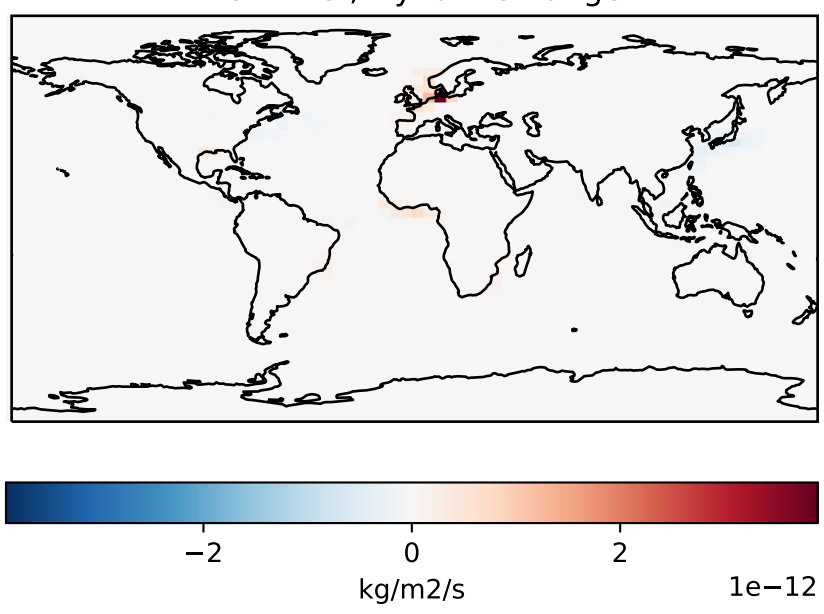
GC_12.8.0_GEOSFP_5.22 (Ref)
4.0x5.0



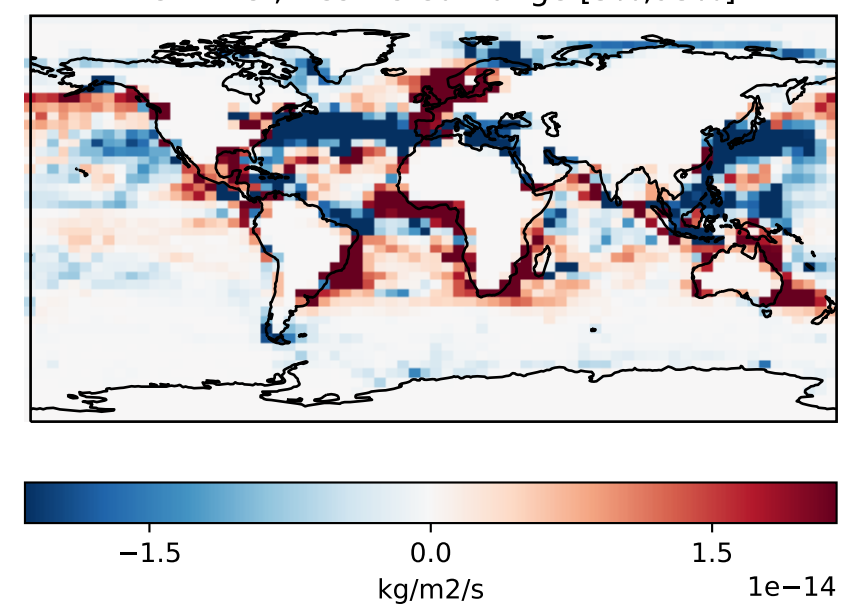
GC_12.8.0_GEOSFP_5.25 (Dev)
4.0x5.0



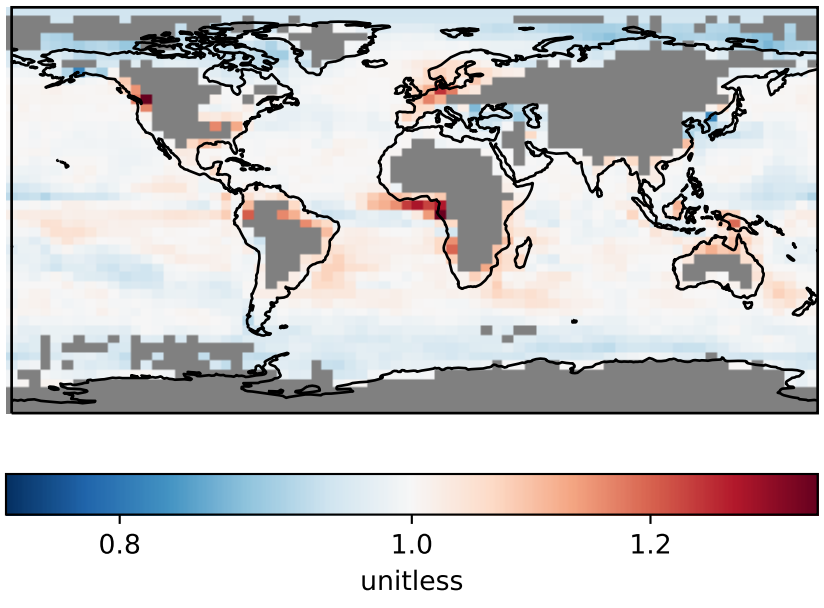
Difference
Dev - Ref, Dynamic Range



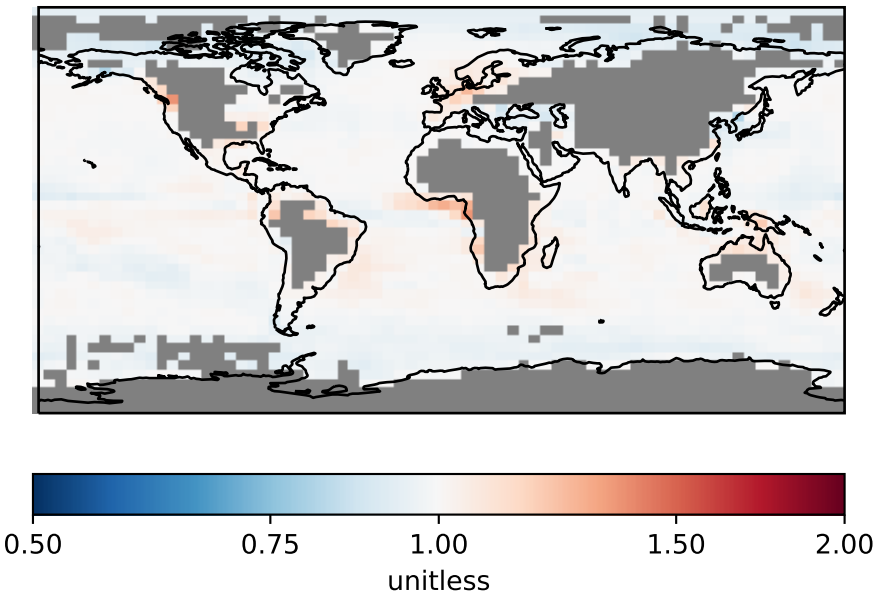
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

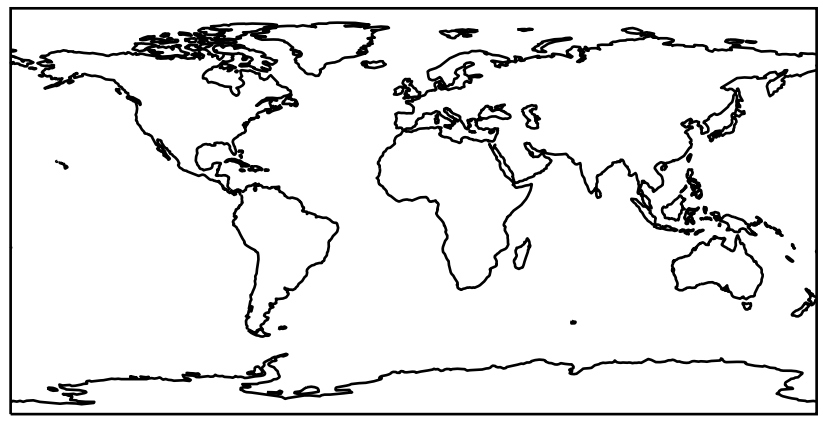


Ratio
Dev/Ref, Fixed Range



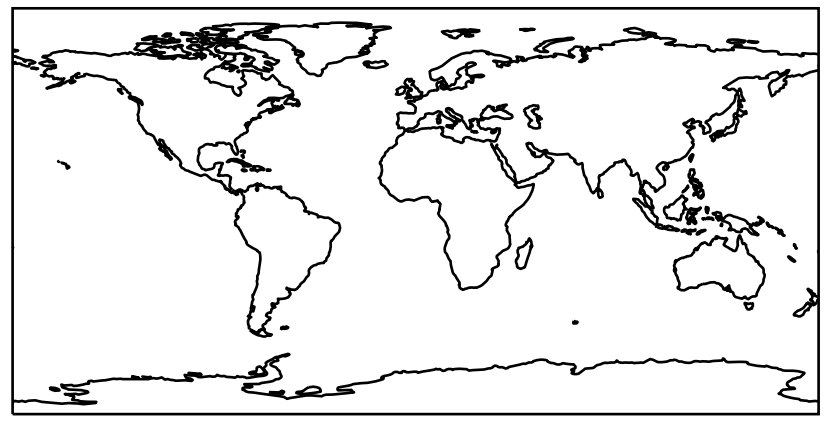
EmisMEK_Ship

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



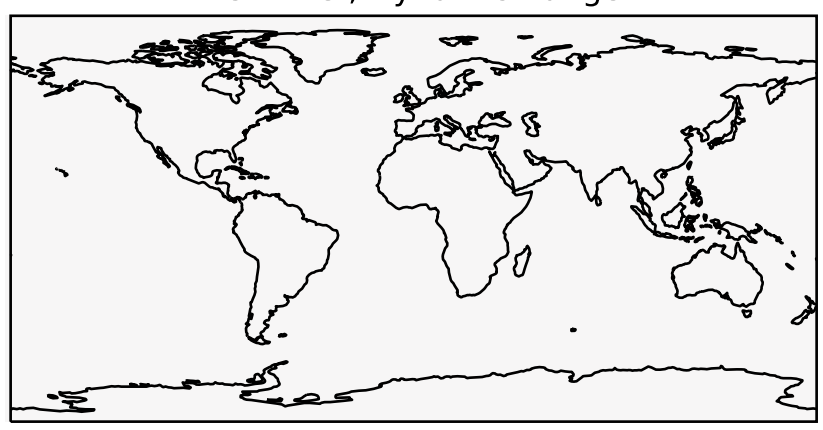
Zero throughout domain
kg/m2/s

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



Zero throughout domain
kg/m2/s

Difference
Dev - Ref, Dynamic Range



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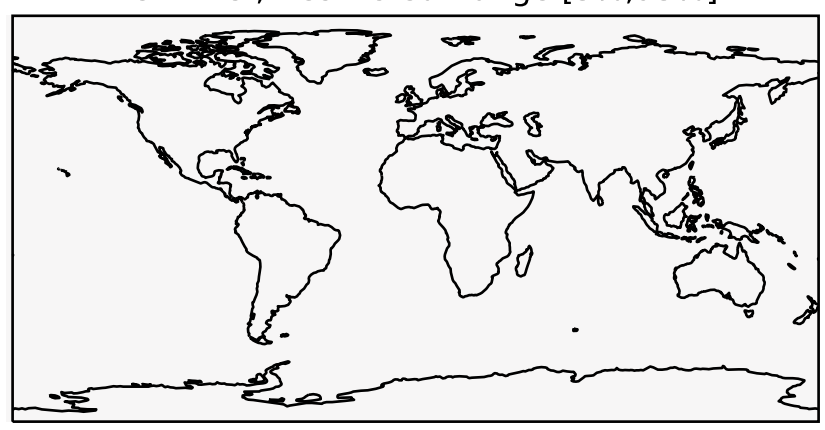
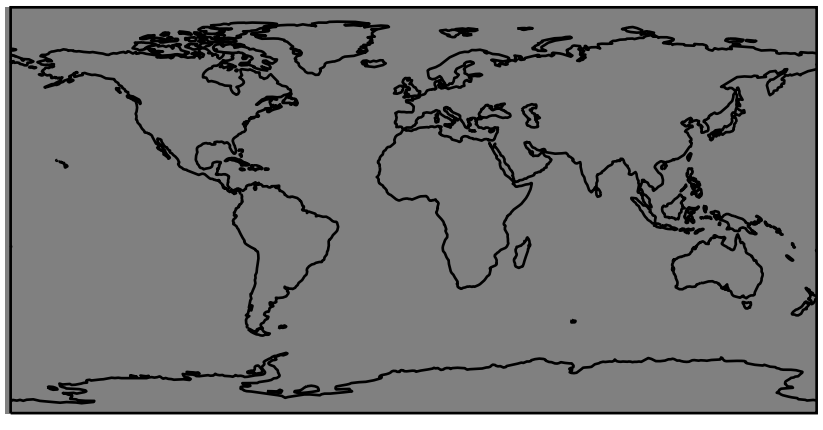
kg/m2/s

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



Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



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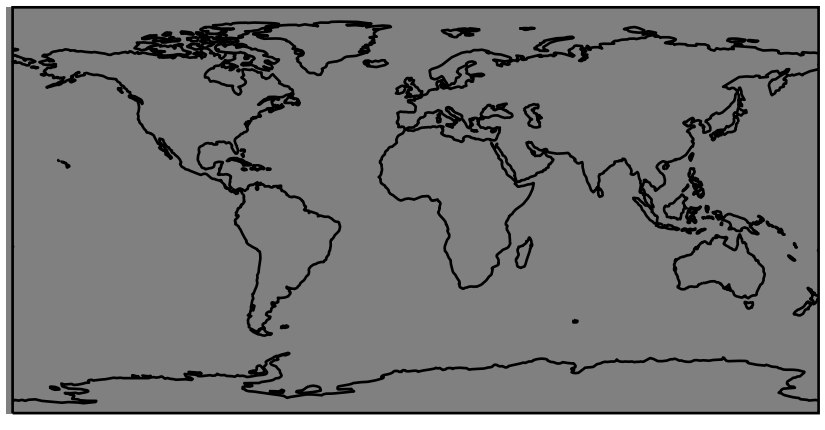
unitless

Ratio
Dev/Ref, Fixed Range



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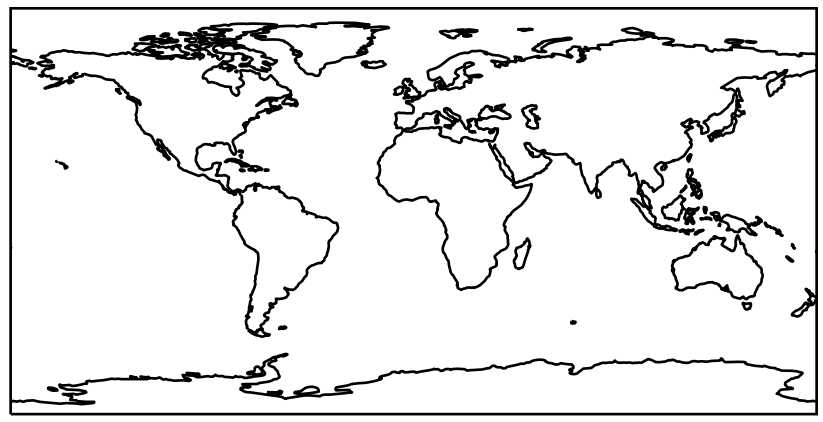
unitless

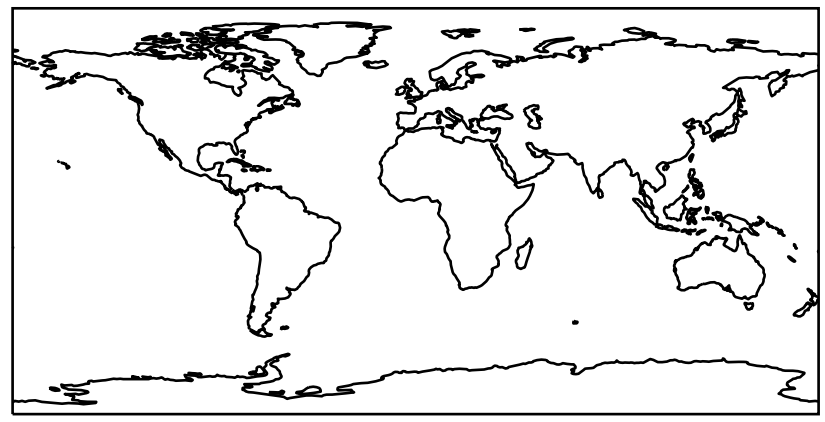
EmisMOH_Ship

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



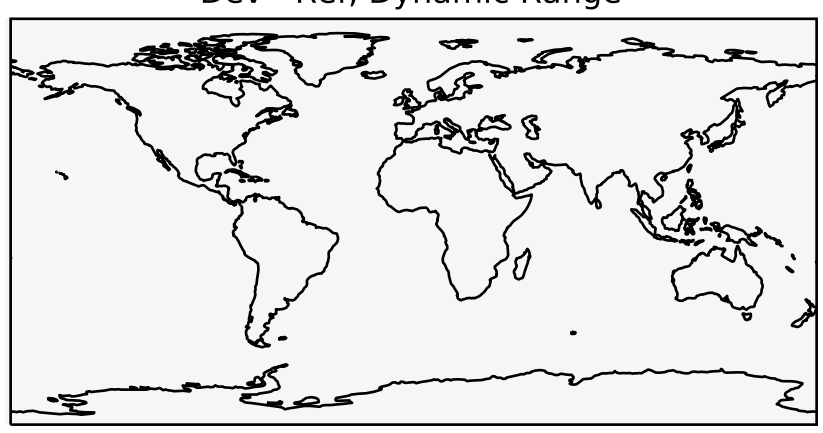
Zero throughout domain
kg/m2/s

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



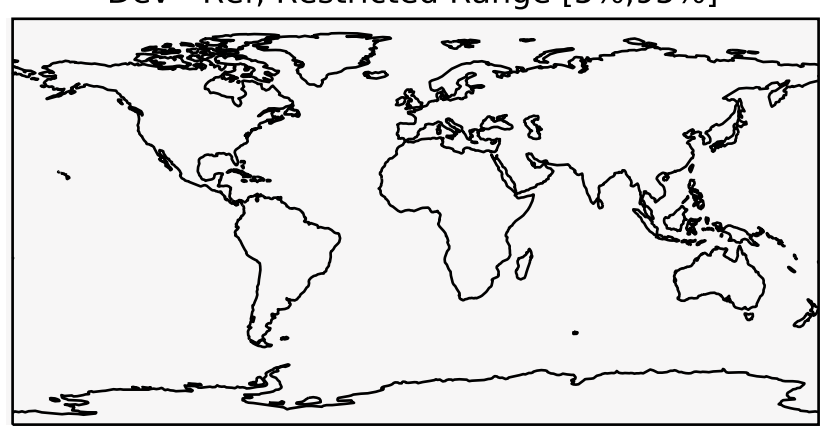
Zero throughout domain
kg/m2/s

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

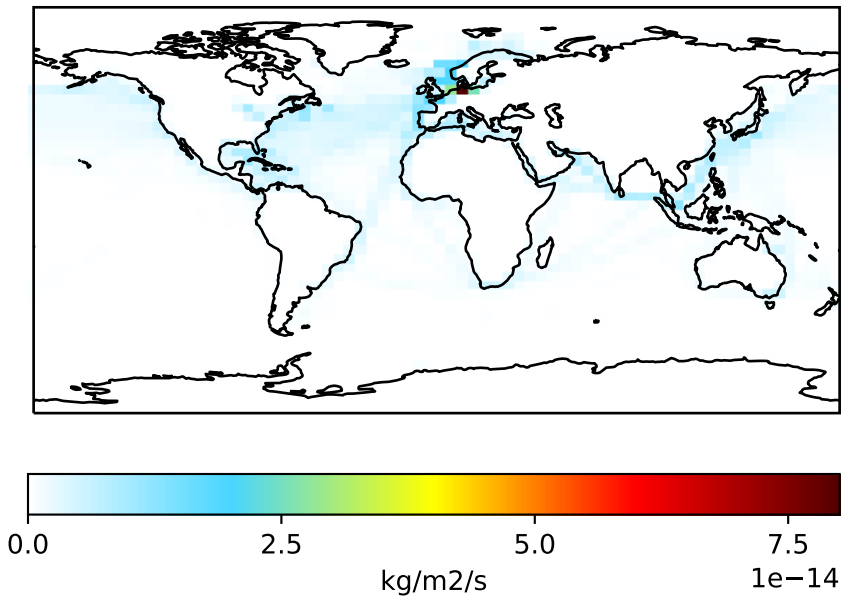
Undefined throughout domain
unitless

Ratio
Dev/Ref, Fixed Range

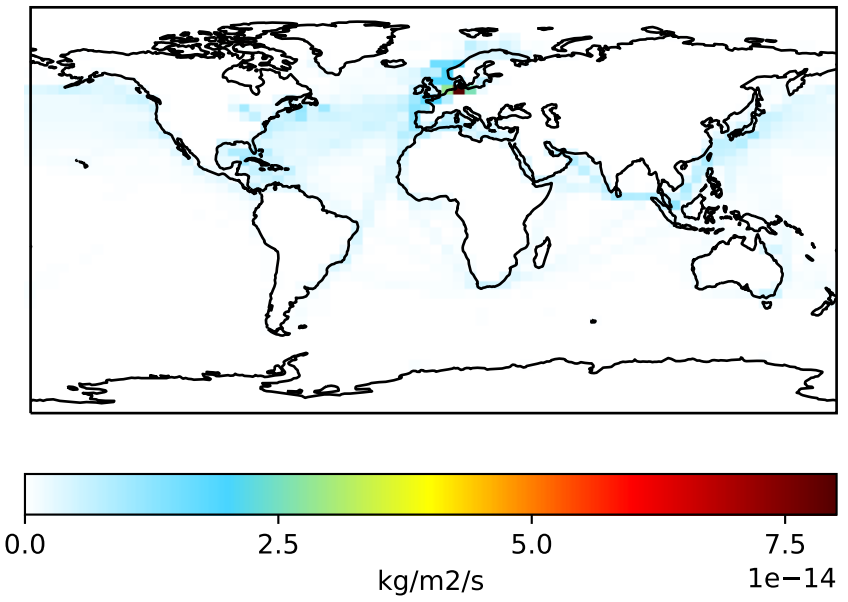
Undefined throughout domain
unitless

EmisNH3_Ship

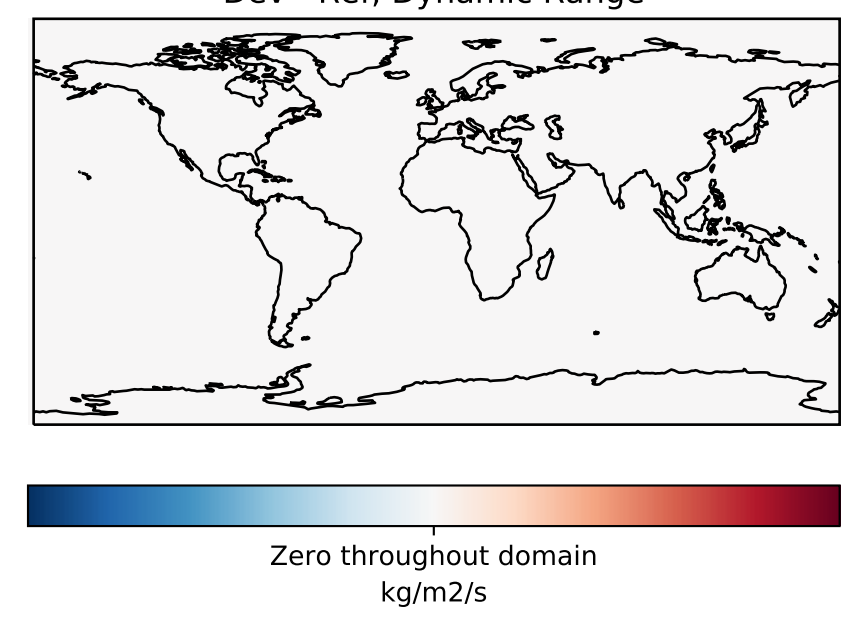
GC_12.8.0_GEOSFP_5.22 (Ref)
4.0x5.0



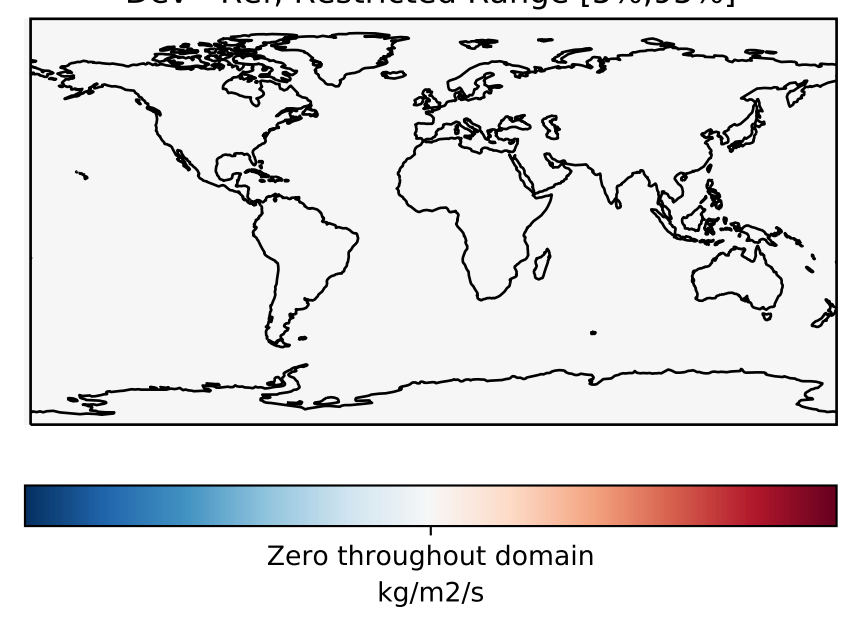
GC_12.8.0_GEOSFP_5.25 (Dev)
4.0x5.0



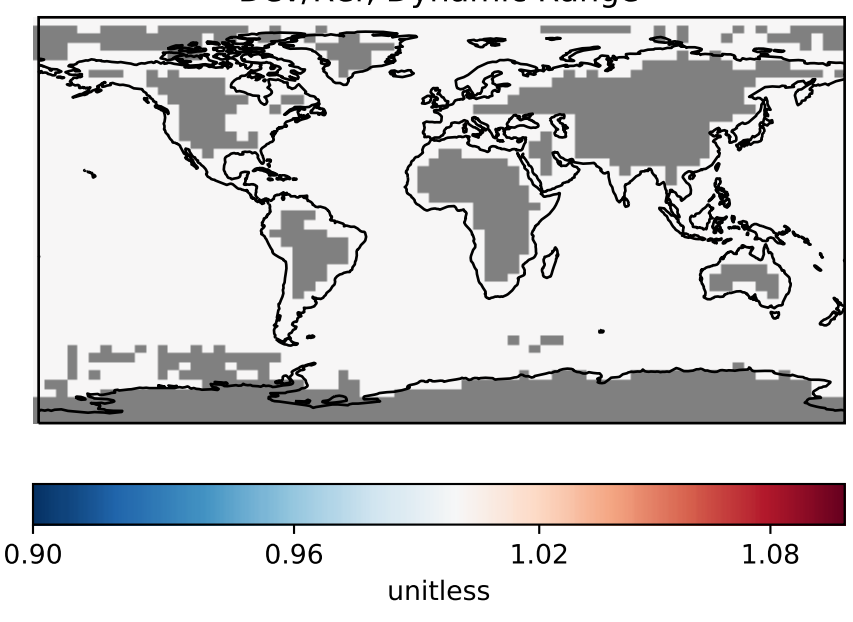
Difference
Dev - Ref, Dynamic Range



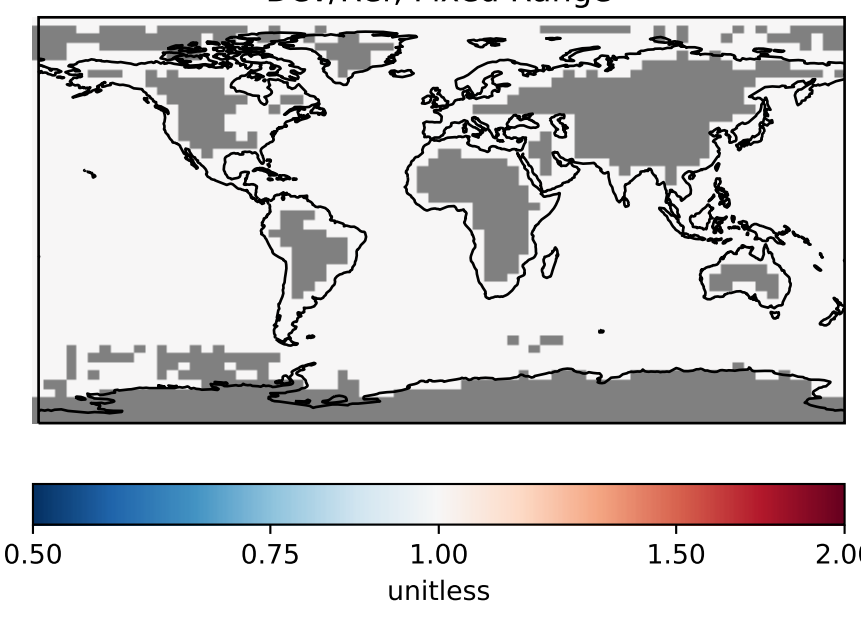
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

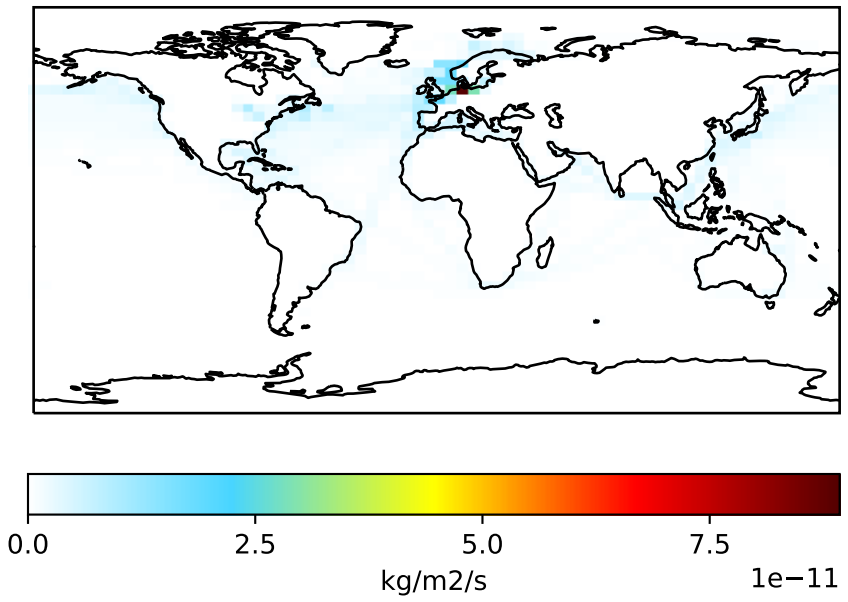


Ratio
Dev/Ref, Fixed Range

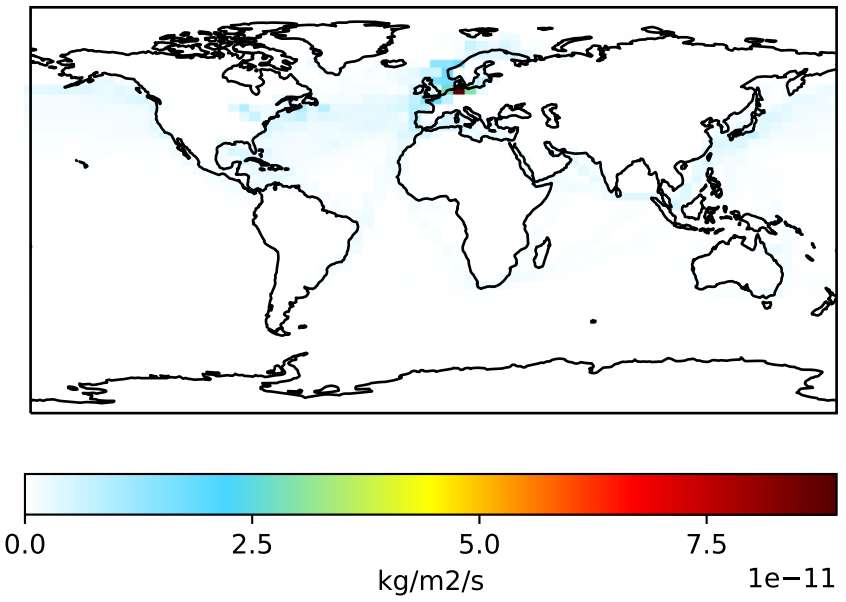


EmisNO2_Ship

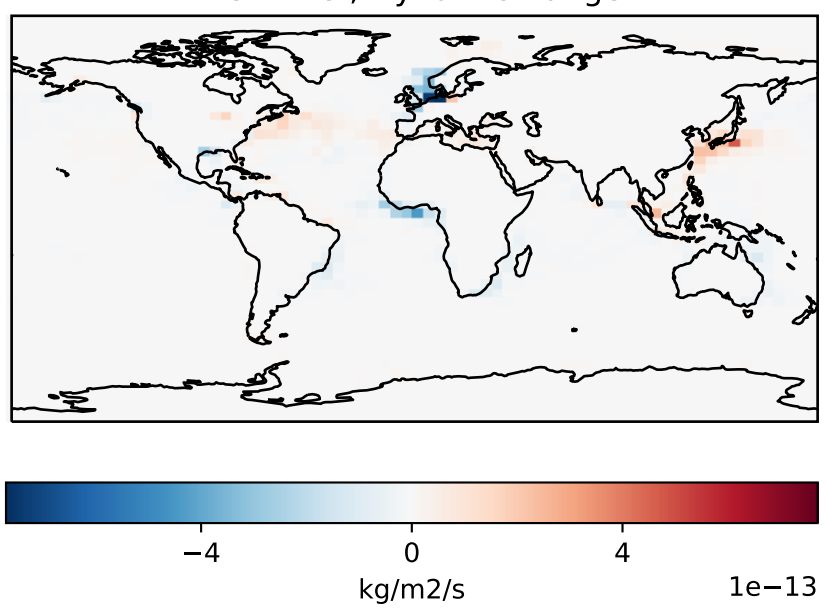
GC_12.8.0_GEOSFP_5.22 (Ref)
4.0x5.0



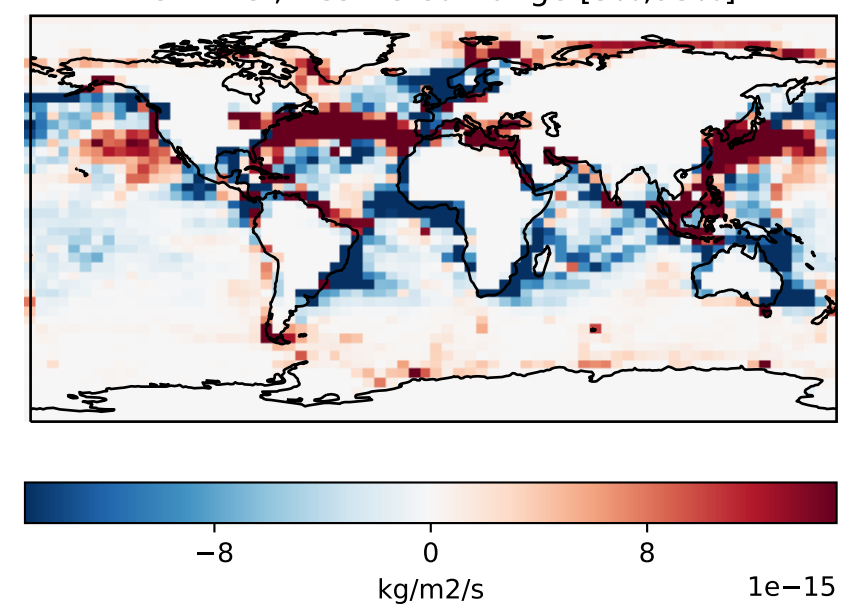
GC_12.8.0_GEOSFP_5.25 (Dev)
4.0x5.0



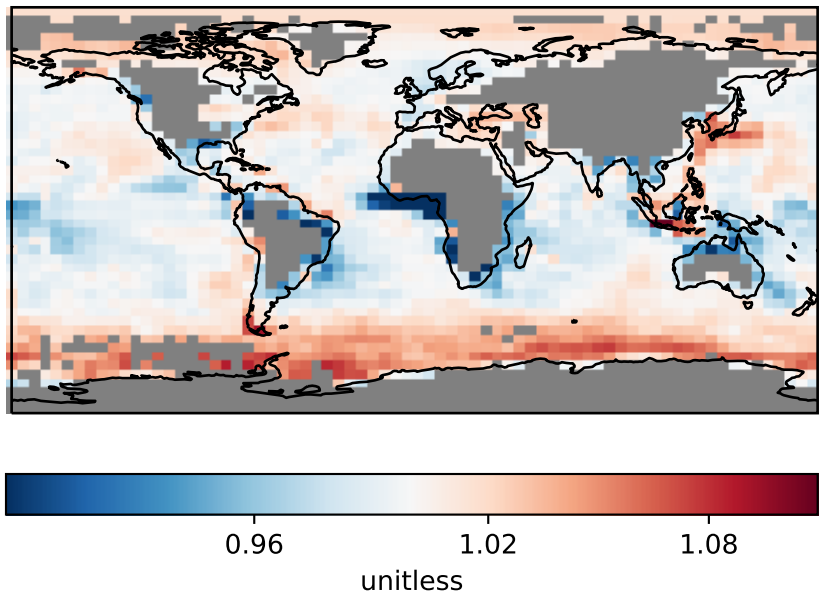
Difference
Dev - Ref, Dynamic Range



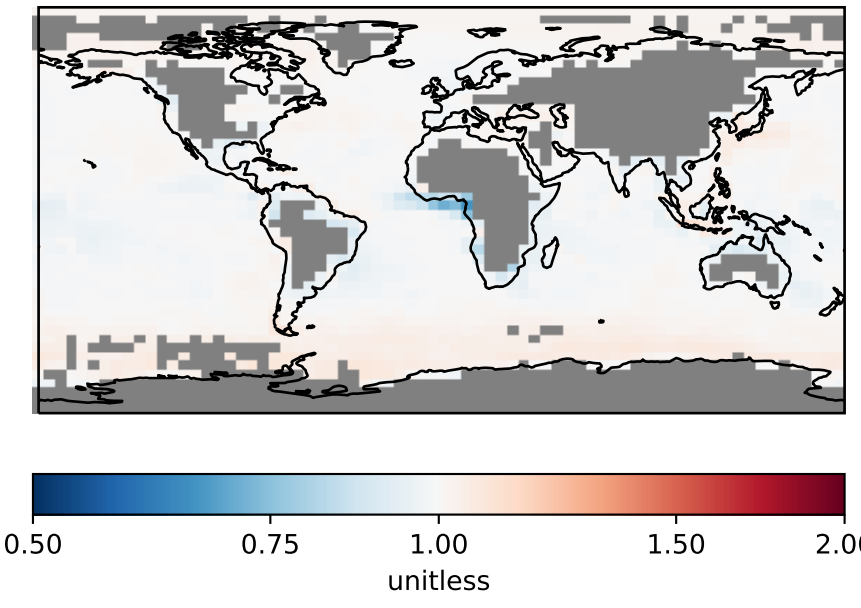
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

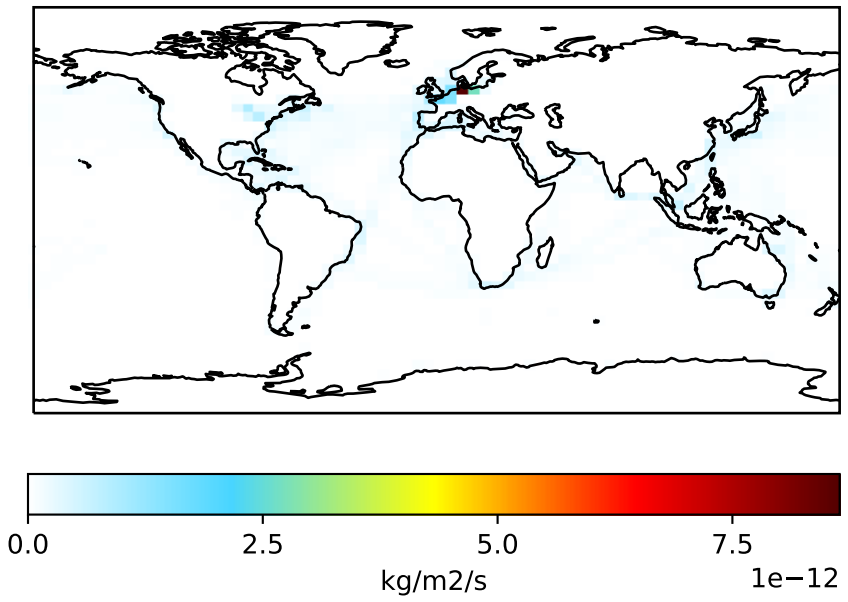


Ratio
Dev/Ref, Fixed Range

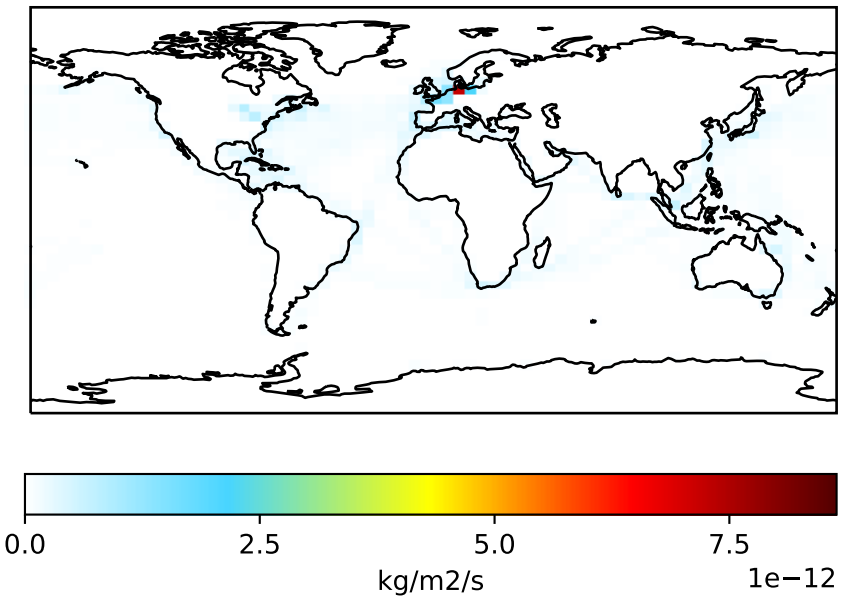


EmisNO_Ship

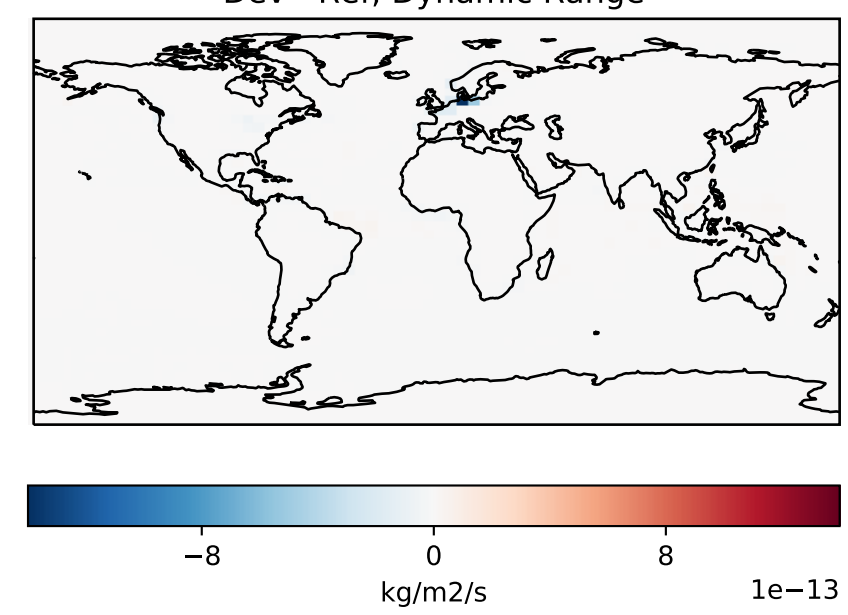
GC_12.8.0_GEOSFP_5.22 (Ref)
4.0x5.0



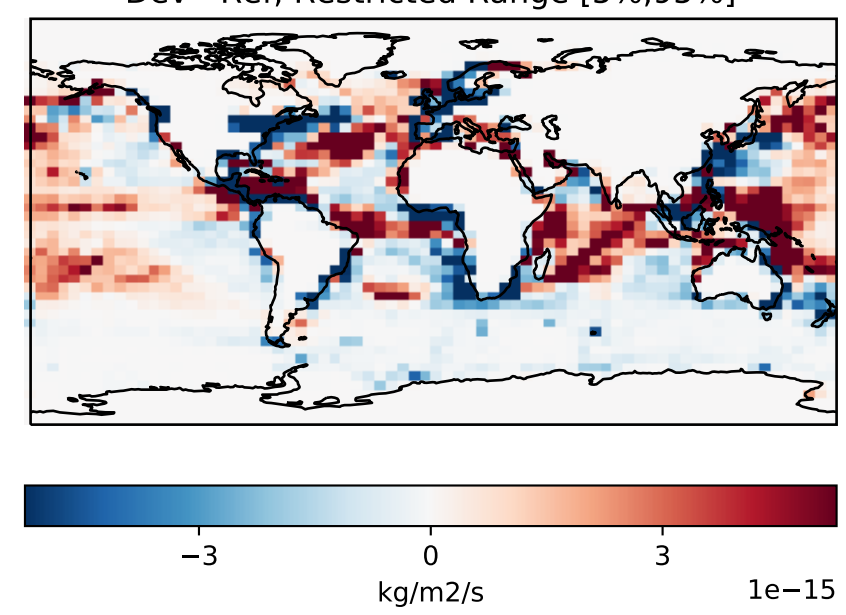
GC_12.8.0_GEOSFP_5.25 (Dev)
4.0x5.0



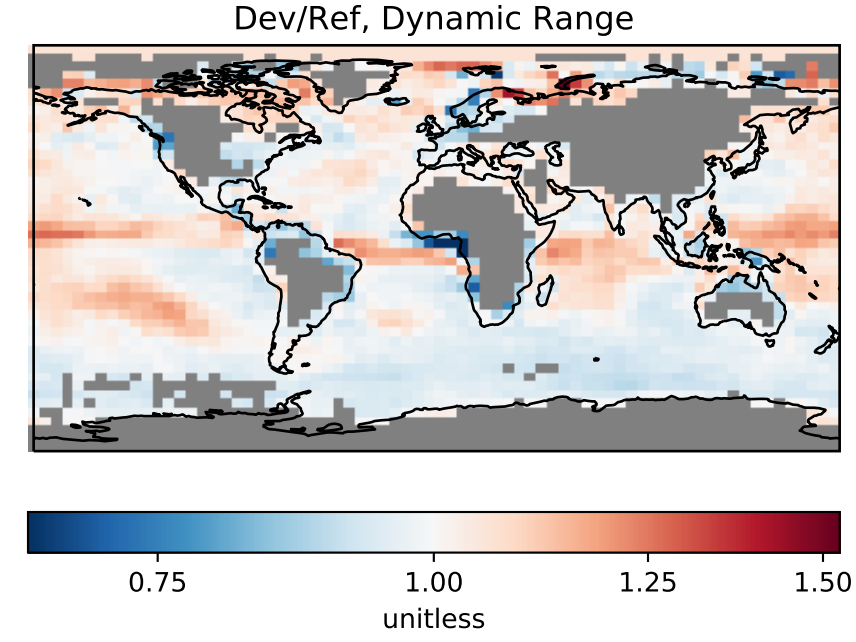
Difference
Dev - Ref, Dynamic Range



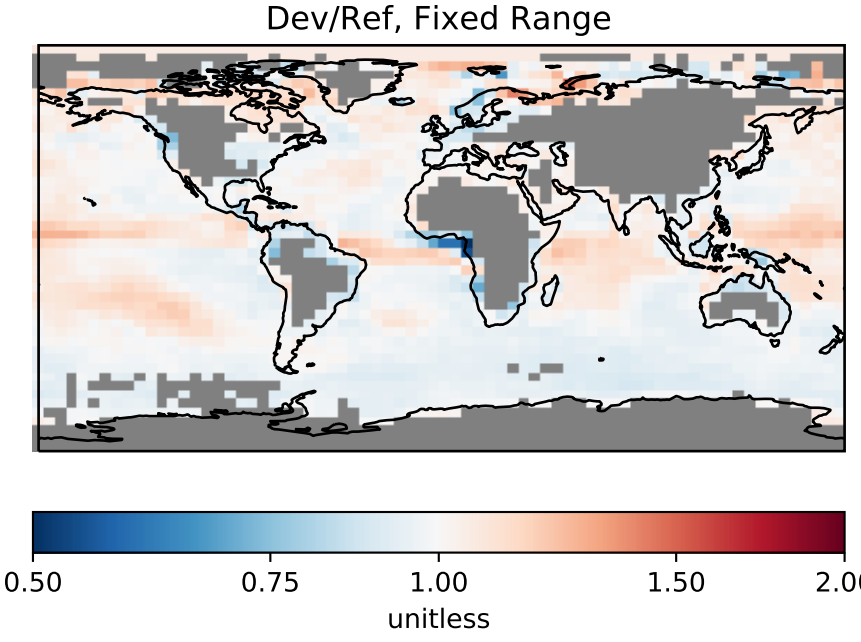
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

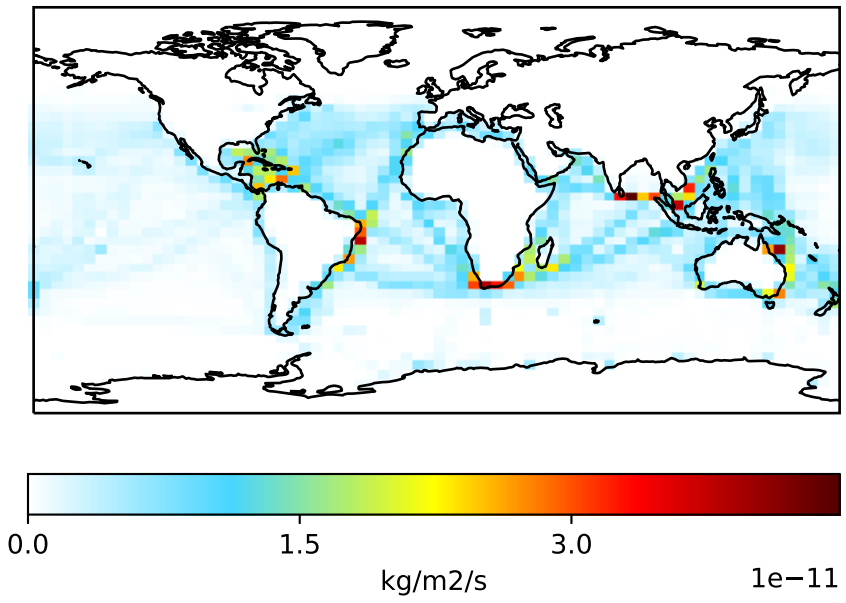


Ratio
Dev/Ref, Fixed Range

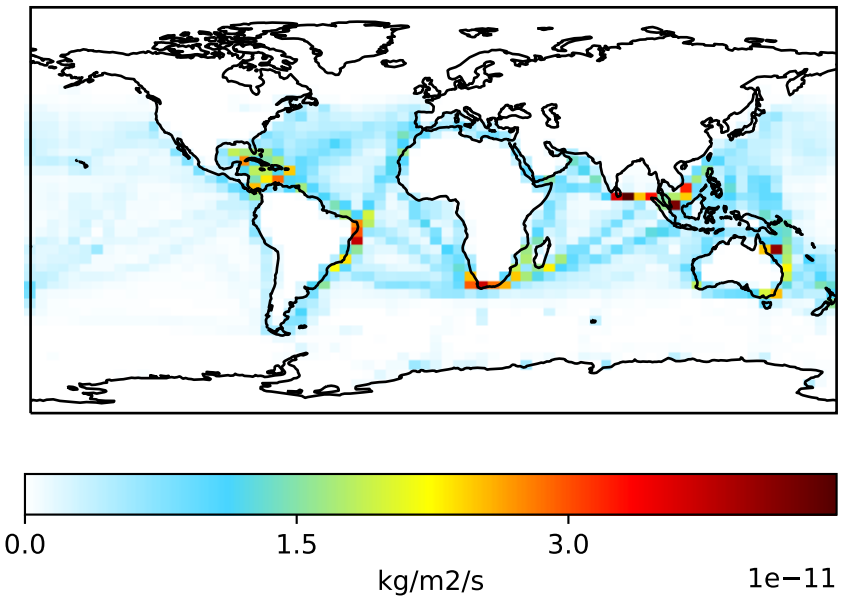


EmisO3_Ship

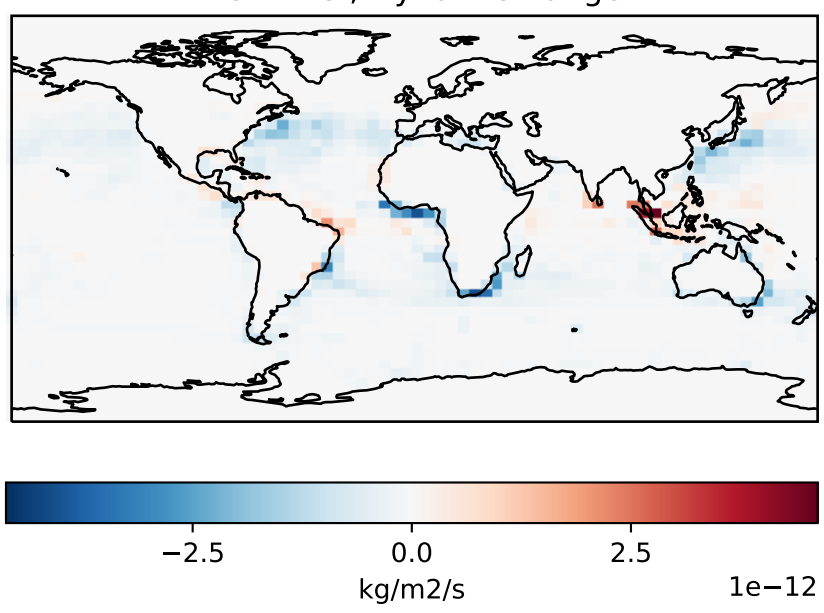
GC_12.8.0_GEOSFP_5.22 (Ref)
4.0x5.0



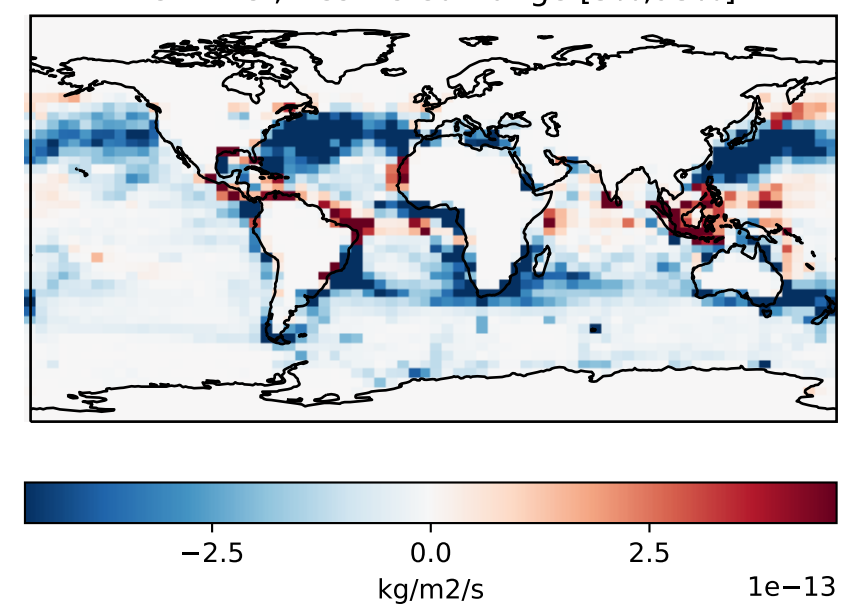
GC_12.8.0_GEOSFP_5.25 (Dev)
4.0x5.0



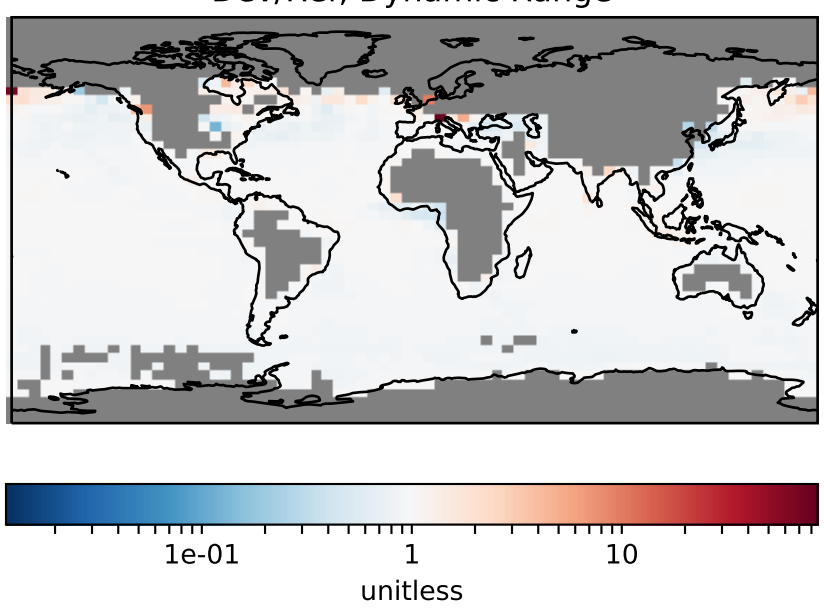
Difference
Dev - Ref, Dynamic Range



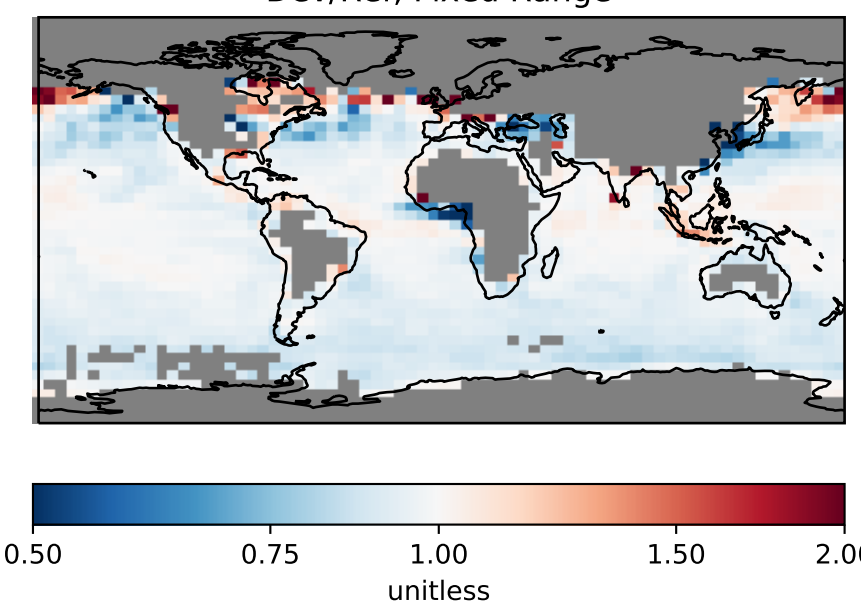
Difference
Dev - Ref, Restricted Range [5%,95%]



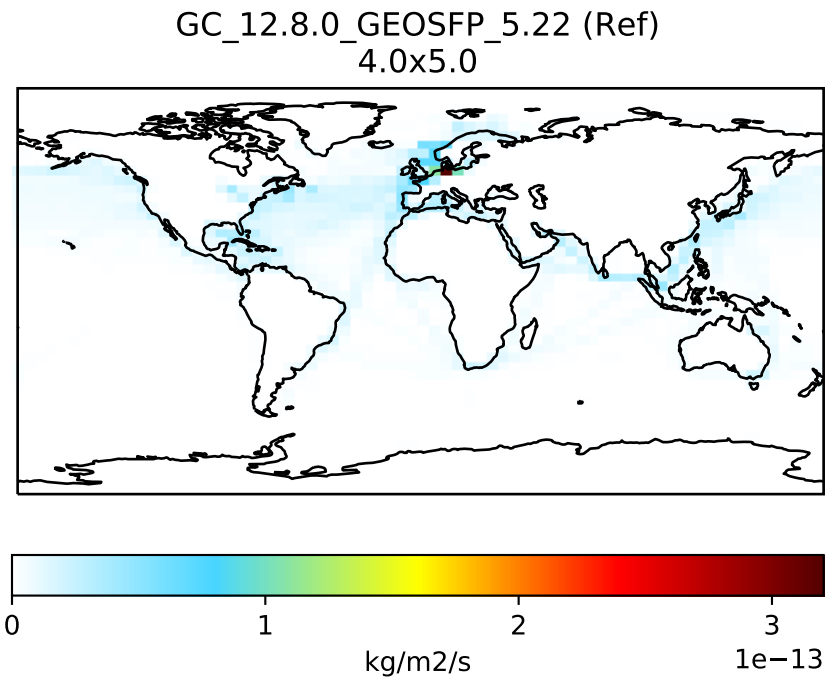
Ratio
Dev/Ref, Dynamic Range

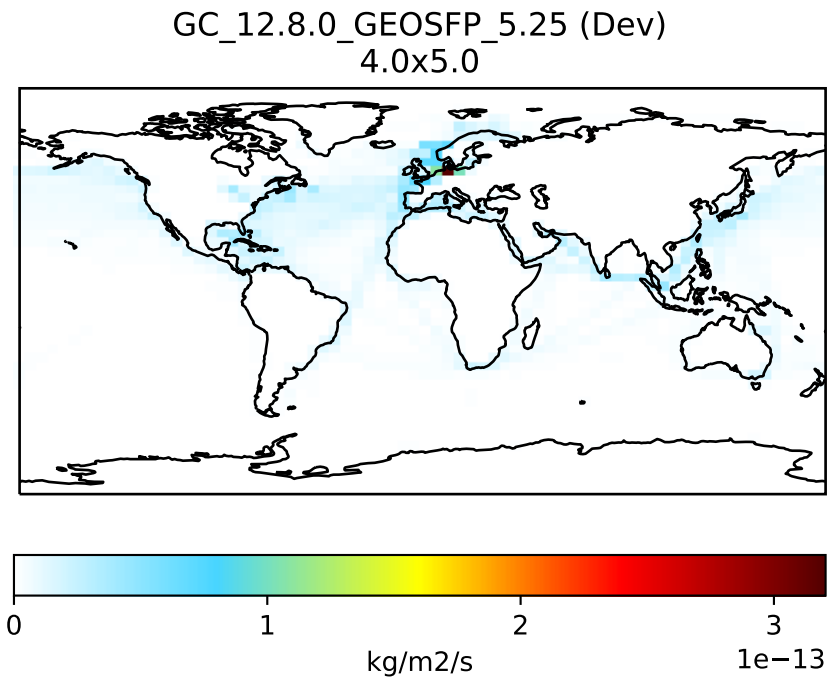


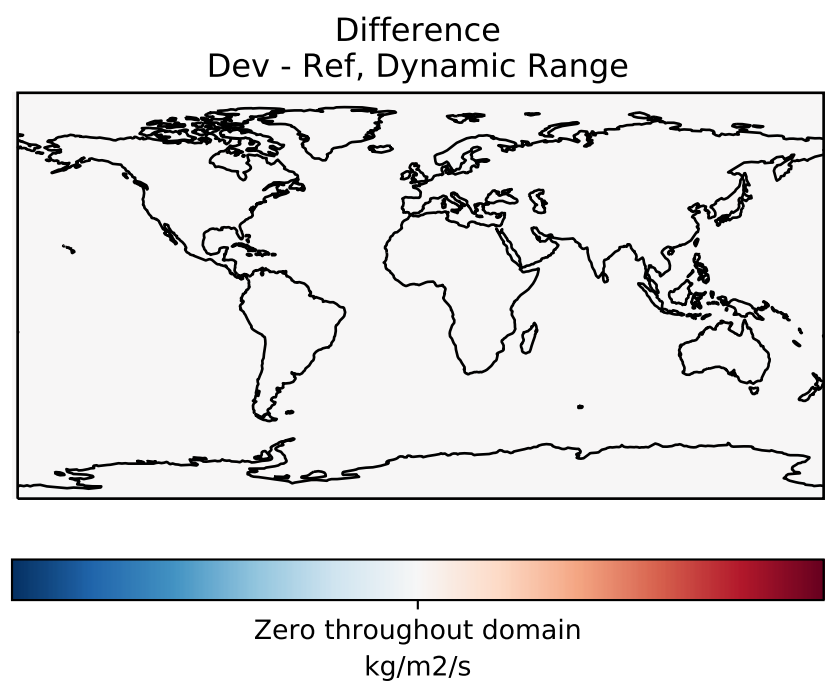
Ratio
Dev/Ref, Fixed Range

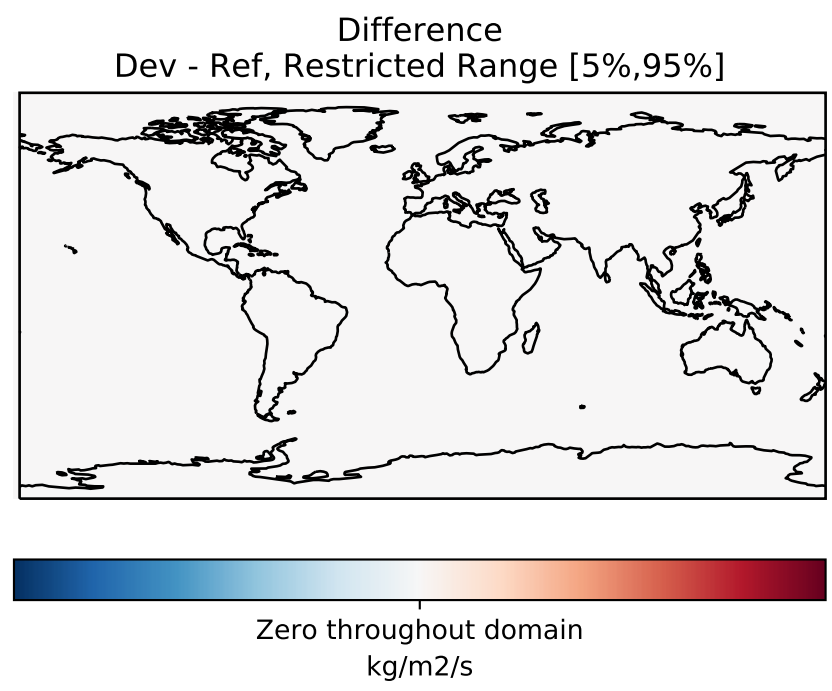


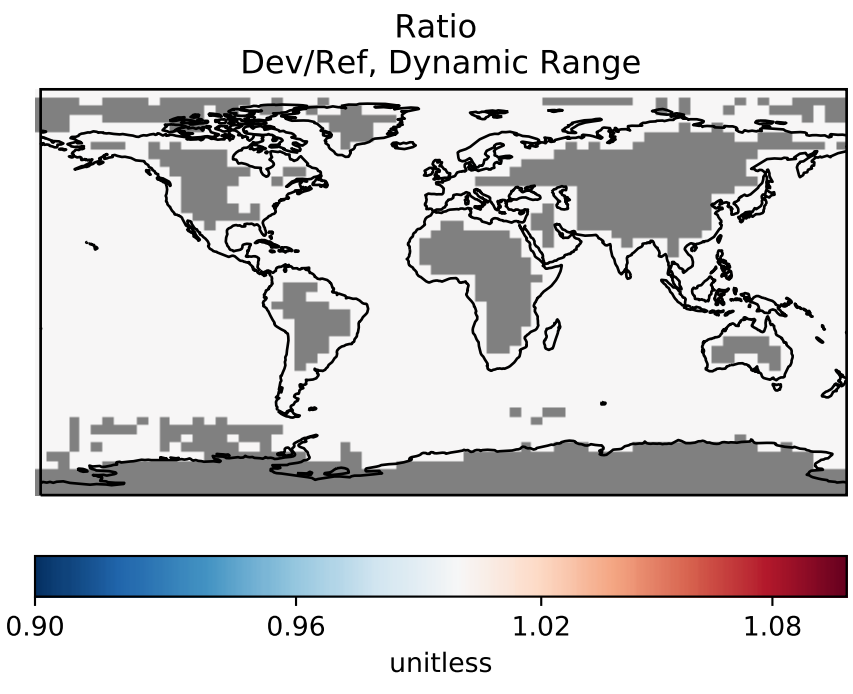
EmisOCPI_Ship

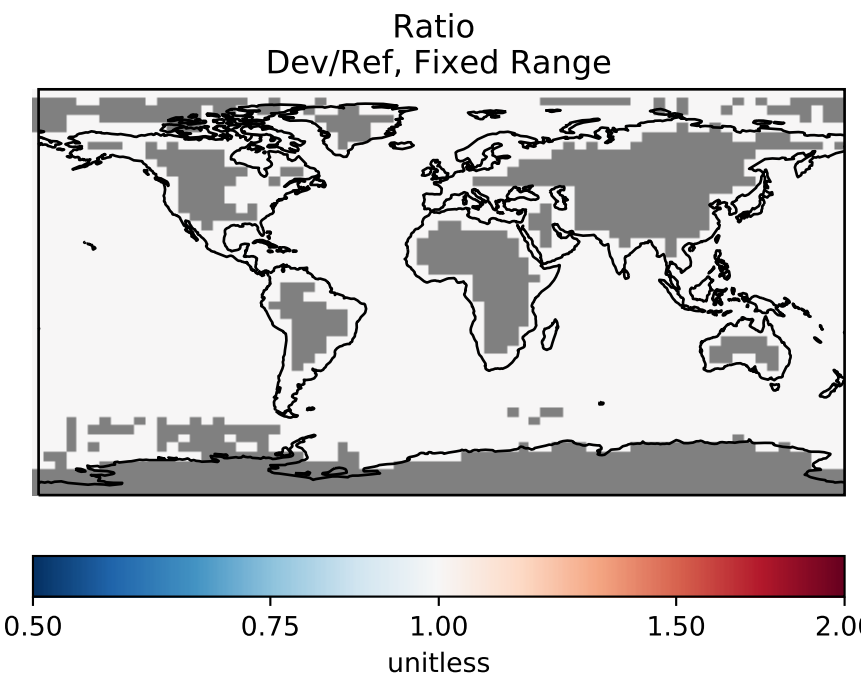






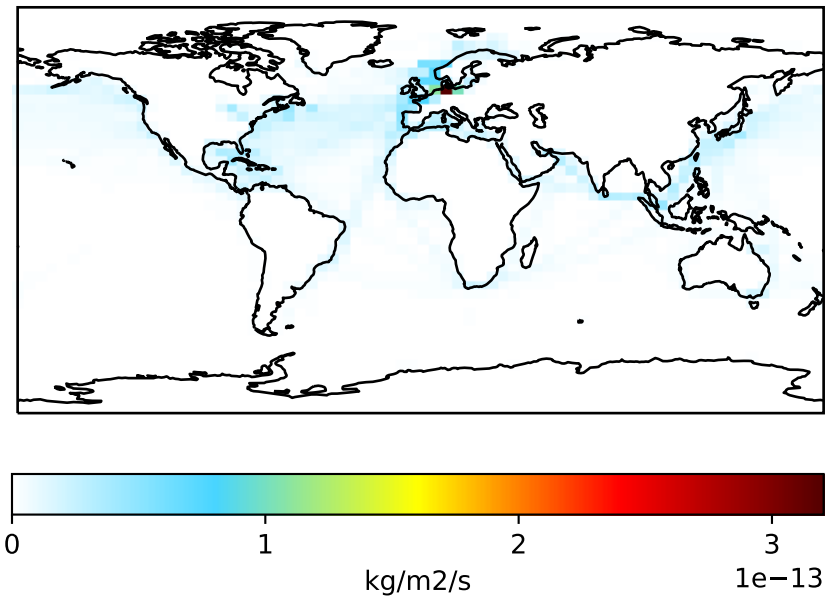




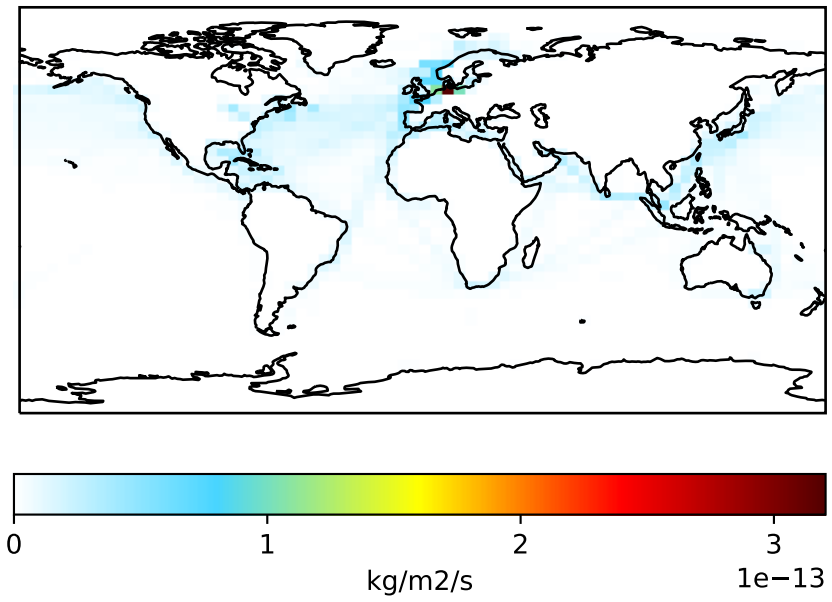


EmisOCPO_Ship

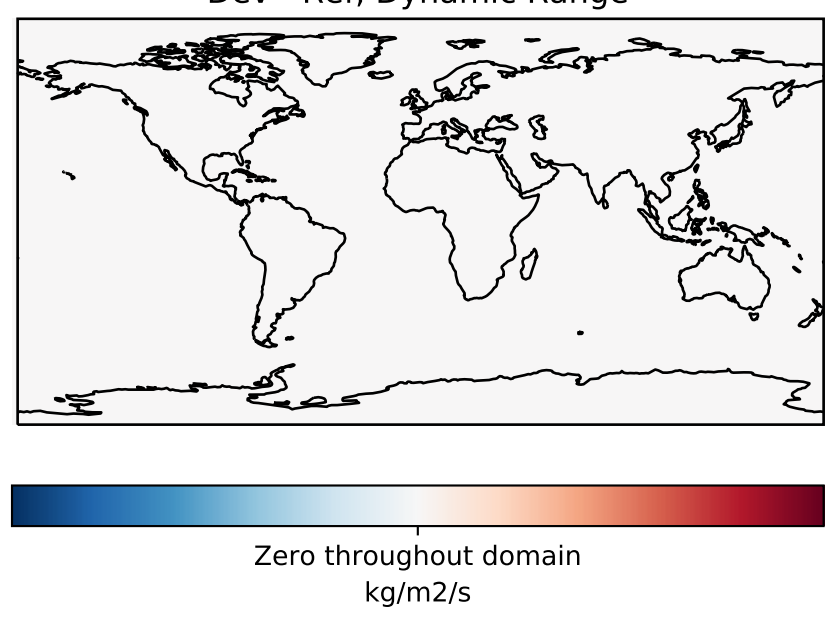
GC_12.8.0_GEOSFP_5.22 (Ref)
4.0x5.0



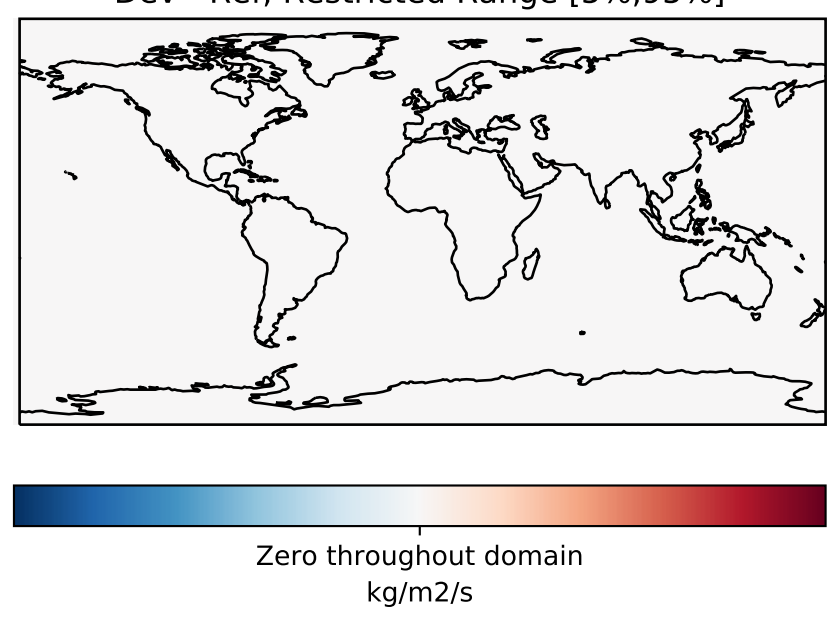
GC_12.8.0_GEOSFP_5.25 (Dev)
4.0x5.0



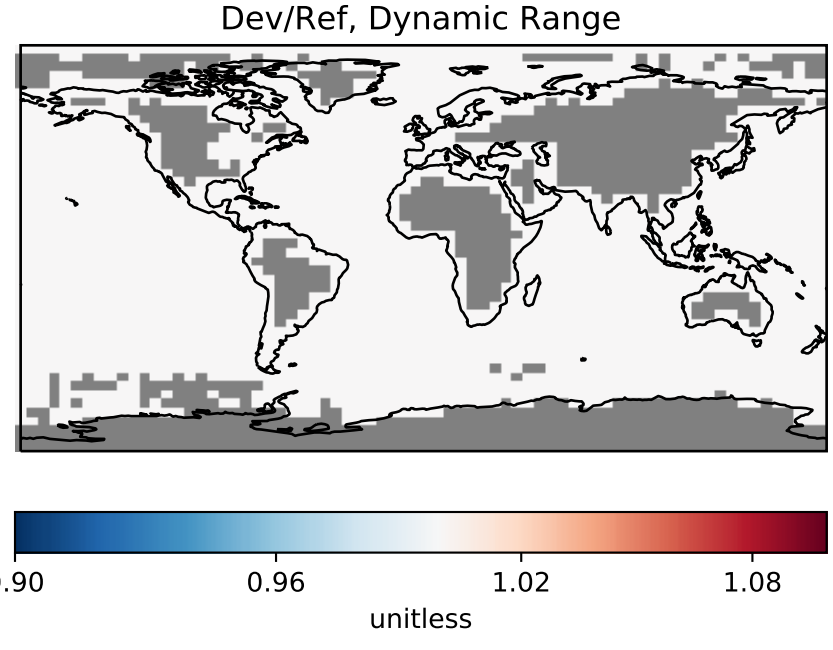
Difference
Dev - Ref, Dynamic Range



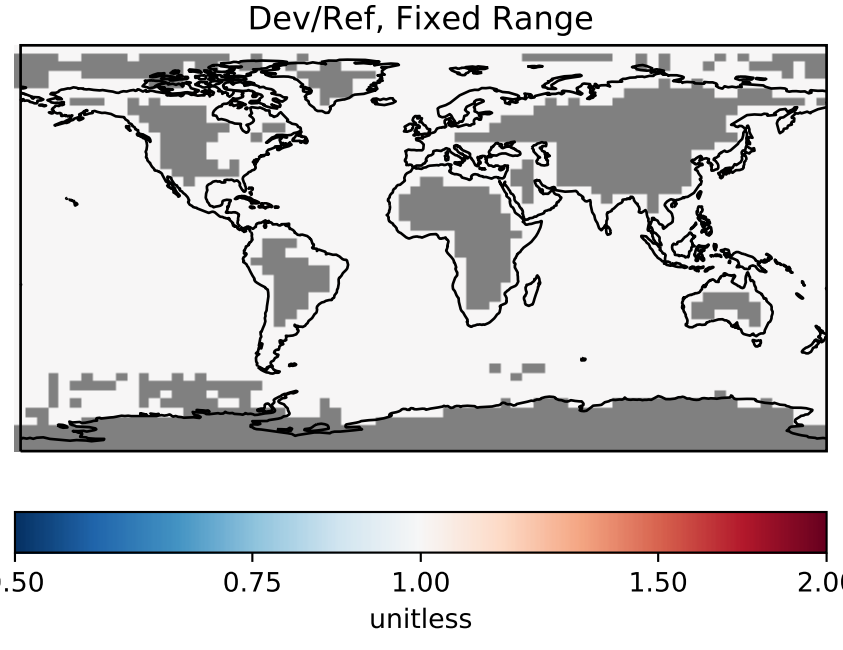
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

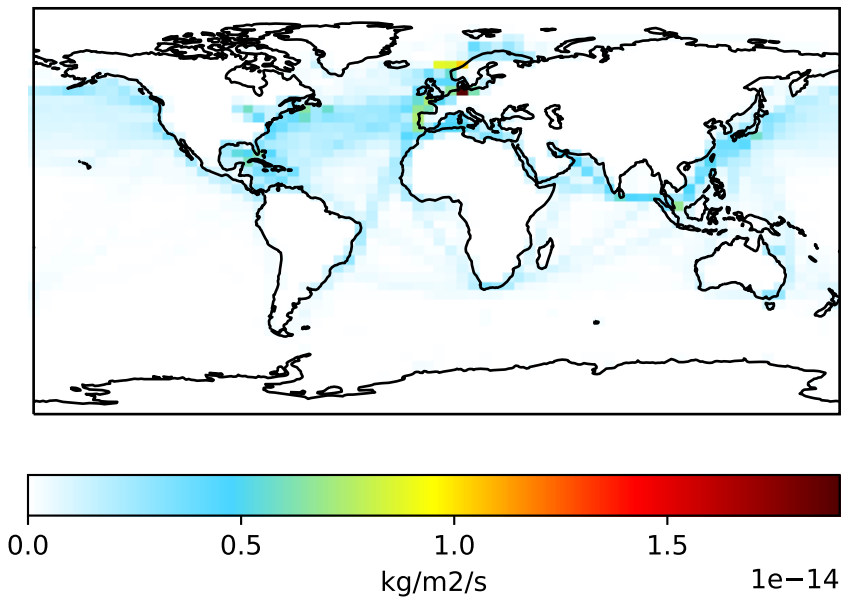


Ratio
Dev/Ref, Fixed Range

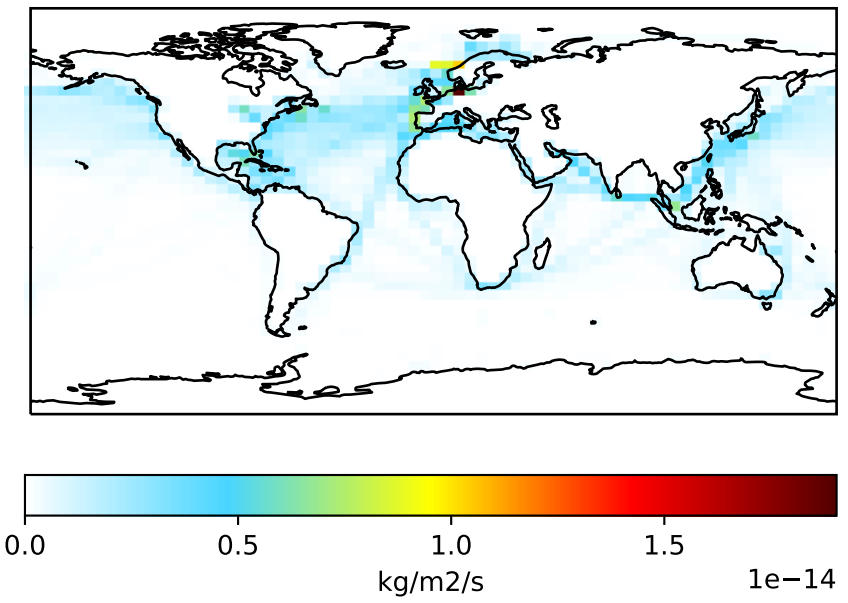


EmispFe_Ship

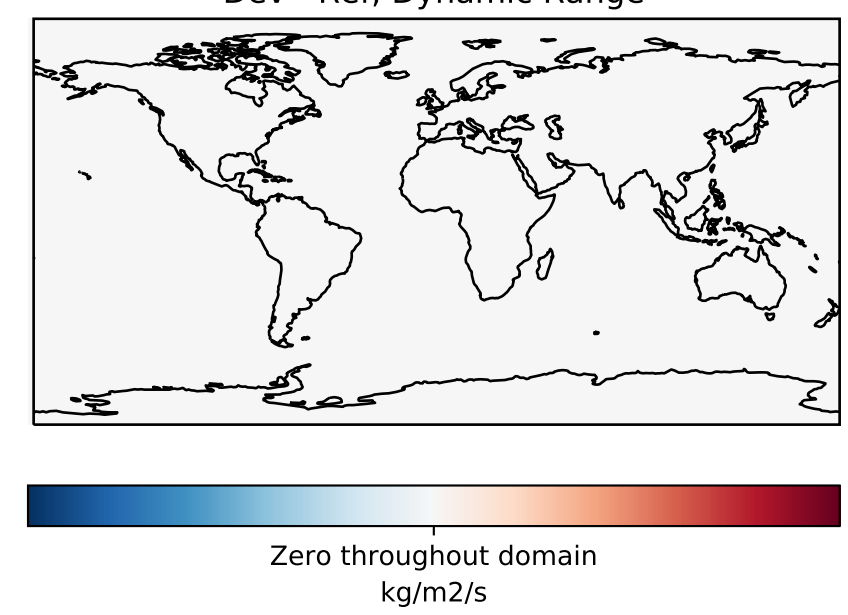
GC_12.8.0_GEOSFP_5.22 (Ref)
4.0x5.0



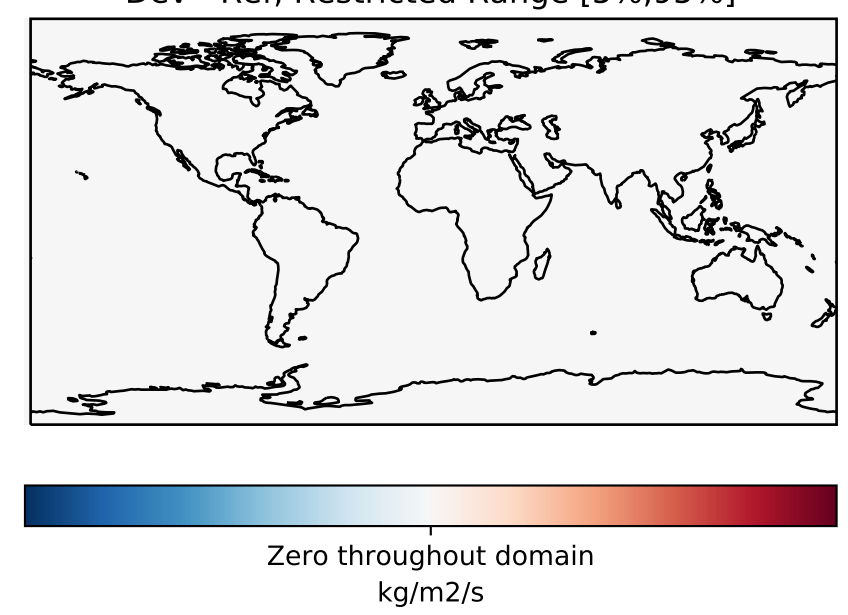
GC_12.8.0_GEOSFP_5.25 (Dev)
4.0x5.0



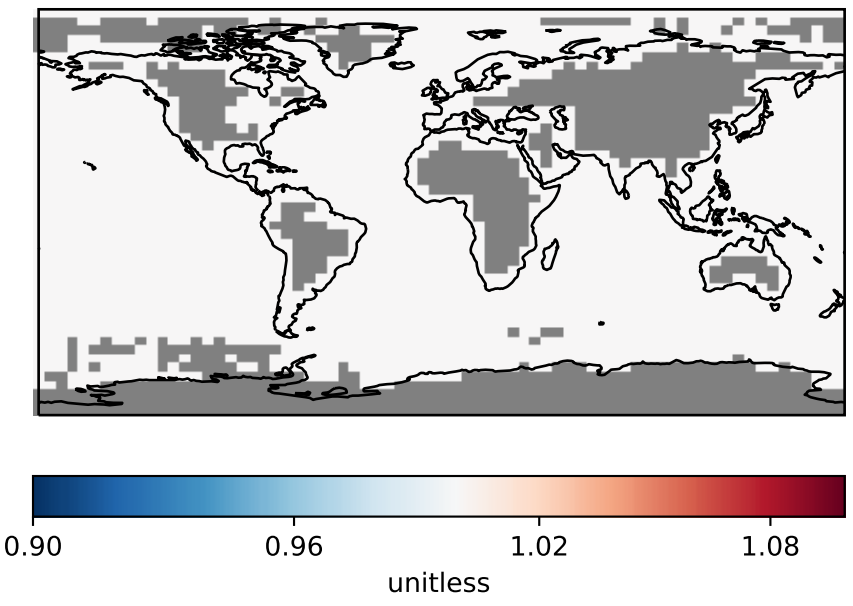
Difference
Dev - Ref, Dynamic Range



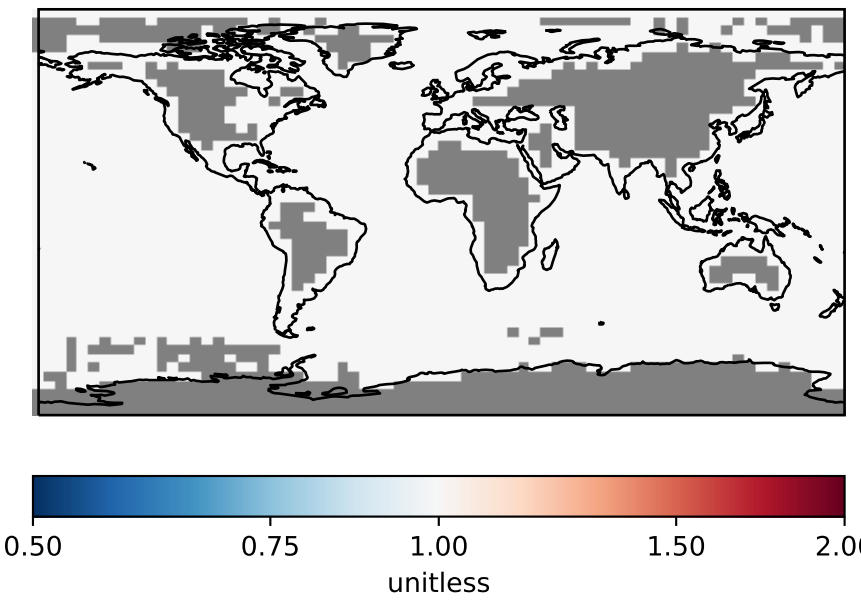
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

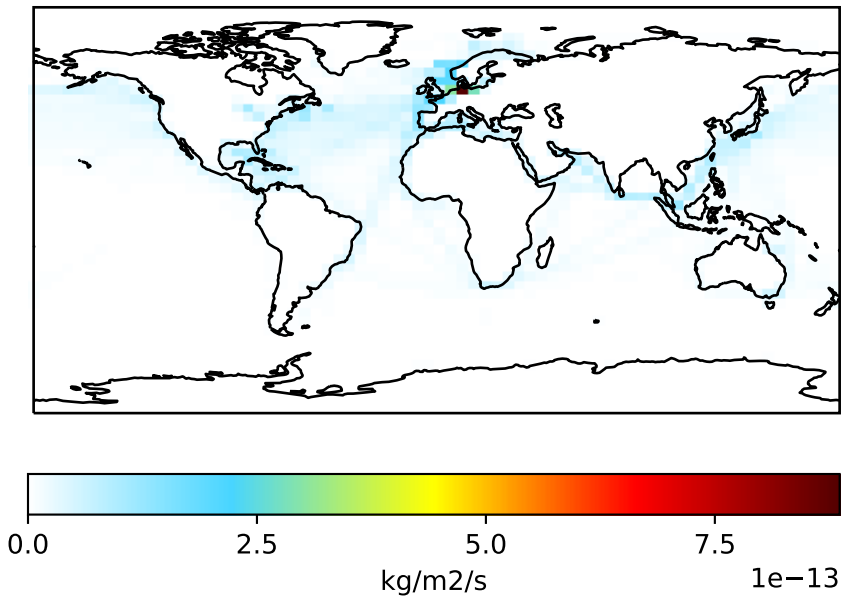


Ratio
Dev/Ref, Fixed Range

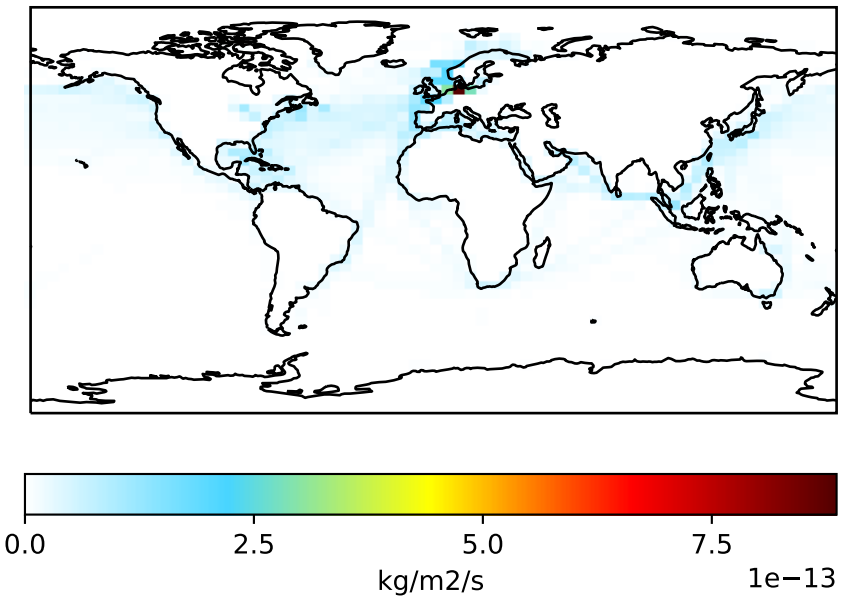


EmisPRPE_Ship

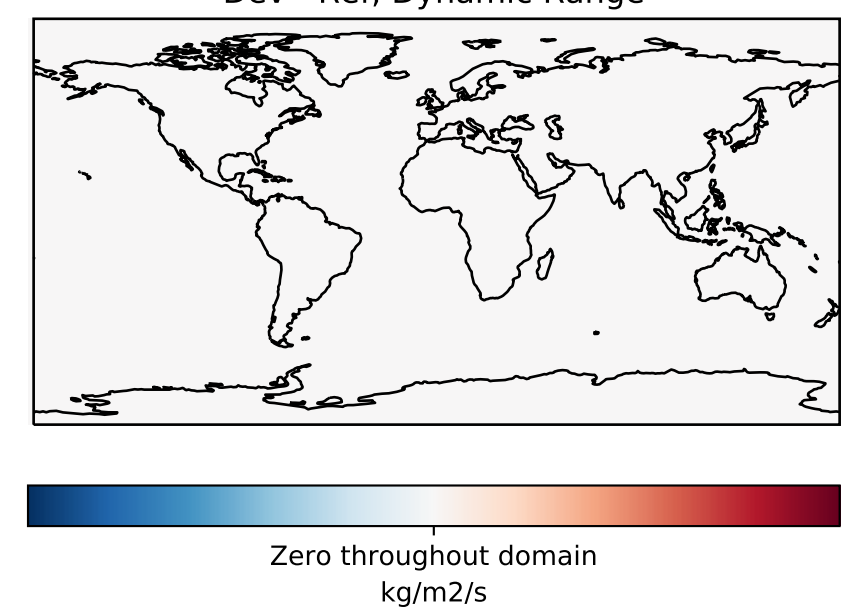
GC_12.8.0_GEOSFP_5.22 (Ref)
4.0x5.0



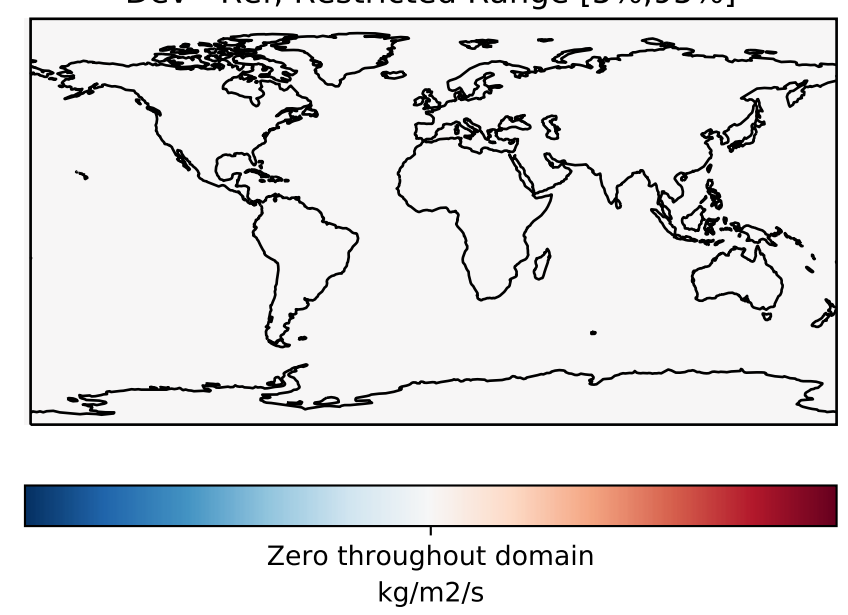
GC_12.8.0_GEOSFP_5.25 (Dev)
4.0x5.0



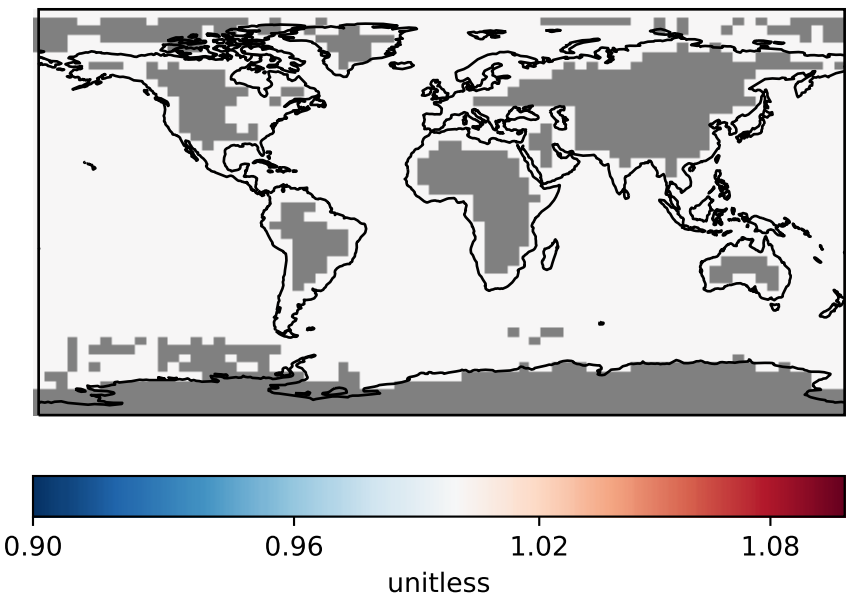
Difference
Dev - Ref, Dynamic Range



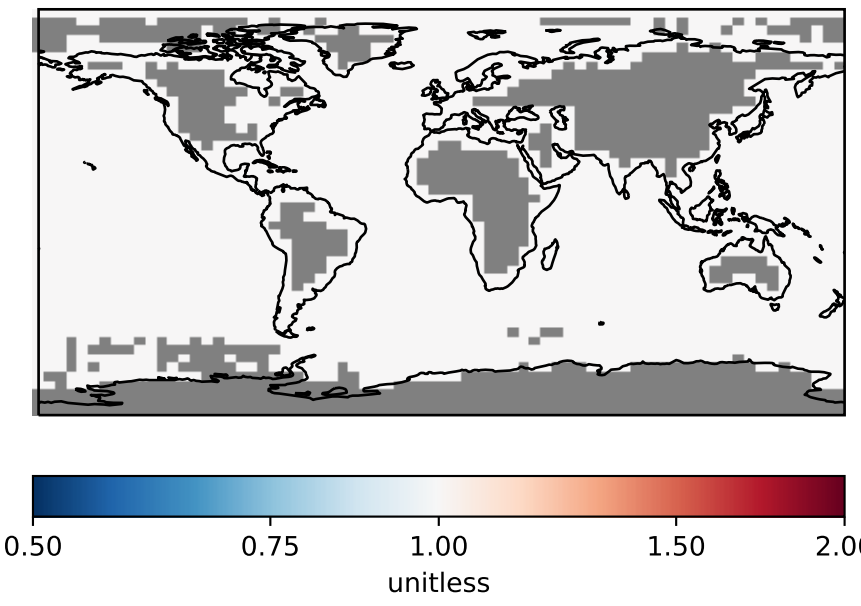
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

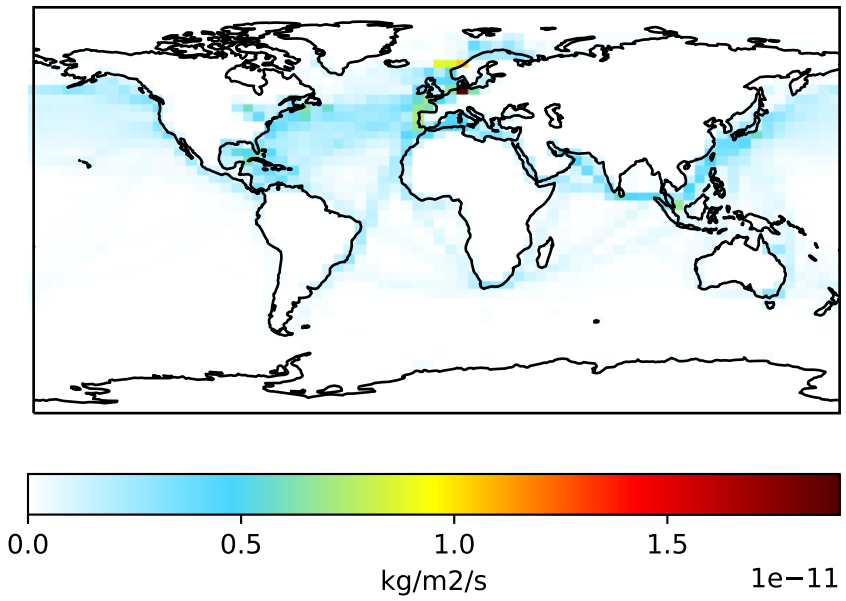


Ratio
Dev/Ref, Fixed Range

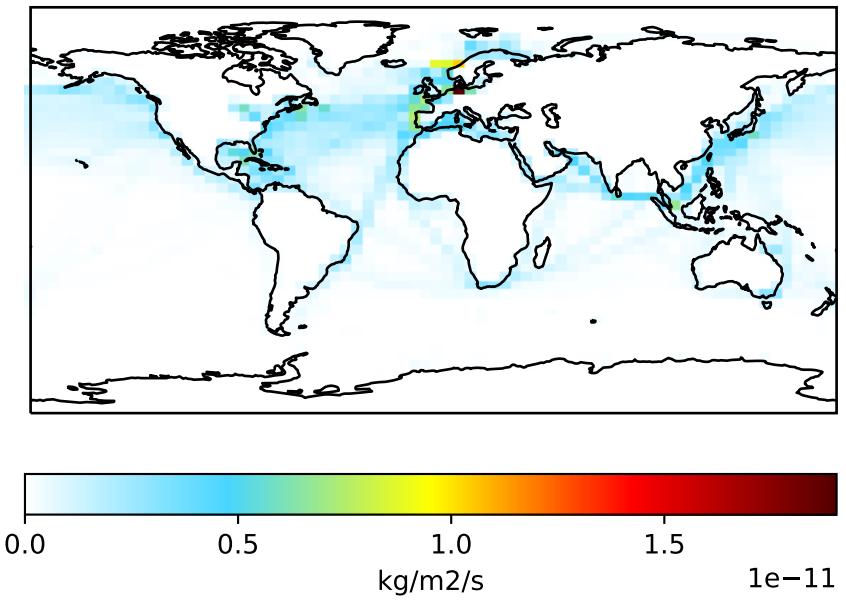


EmisSO2_Ship

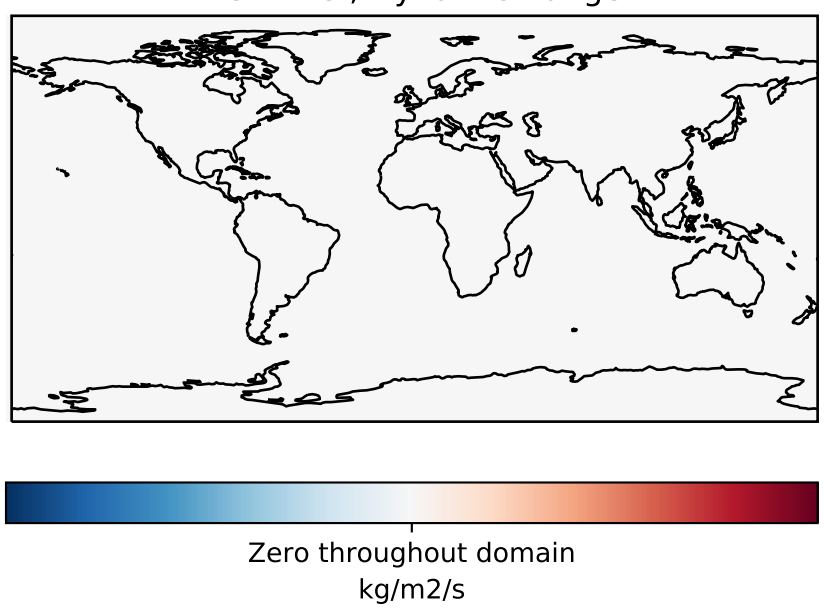
GC_12.8.0_GEOSFP_5.22 (Ref)
4.0x5.0



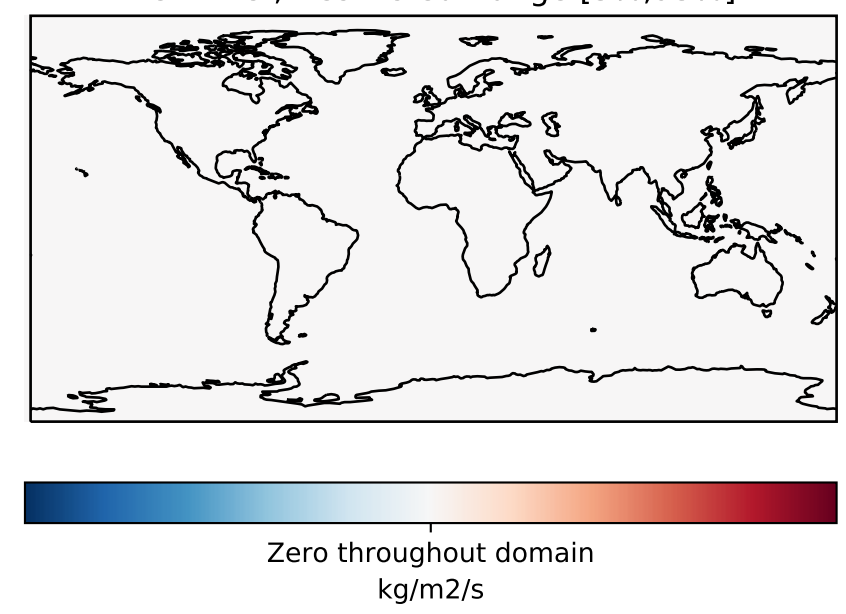
GC_12.8.0_GEOSFP_5.25 (Dev)
4.0x5.0



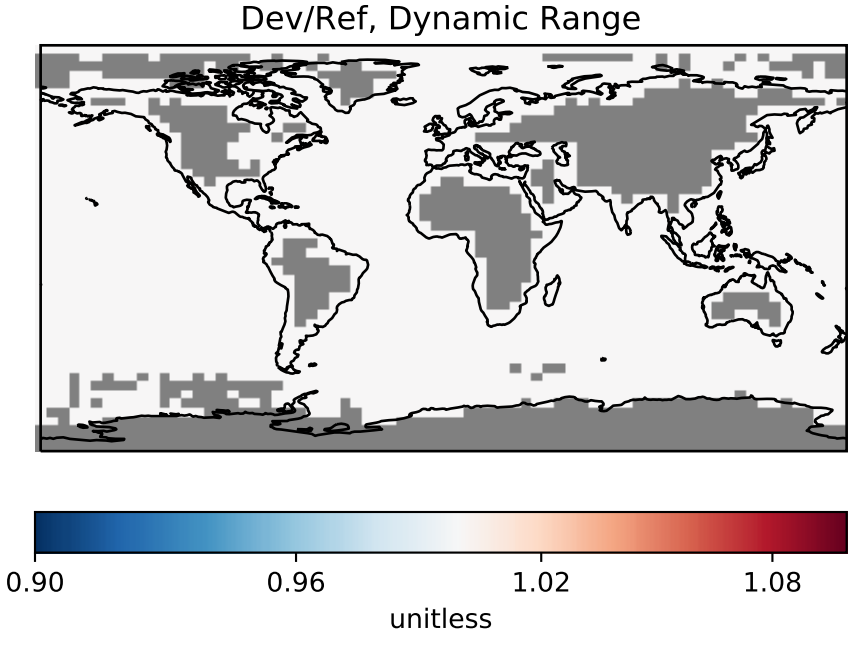
Difference
Dev - Ref, Dynamic Range



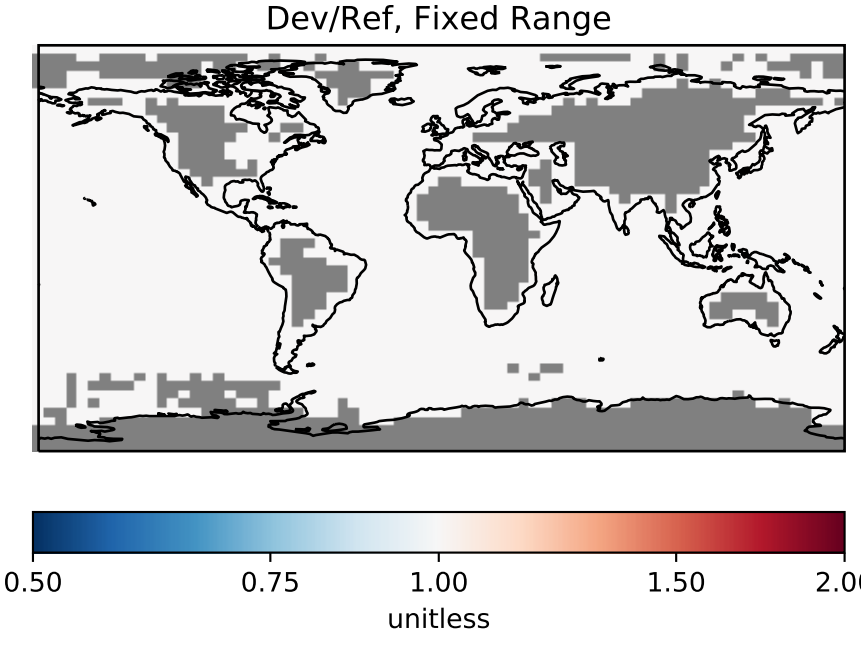
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

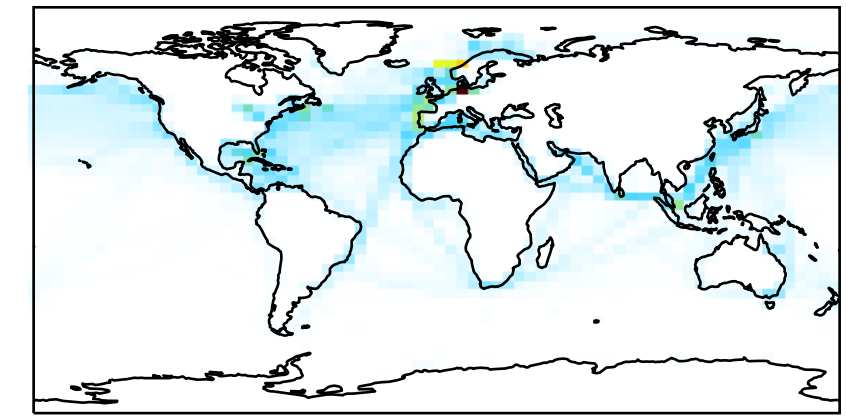


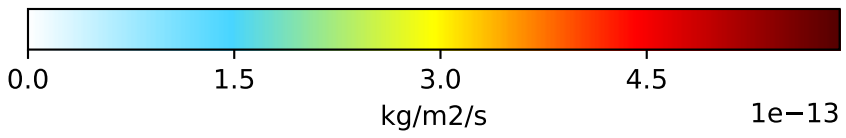
Ratio
Dev/Ref, Fixed Range



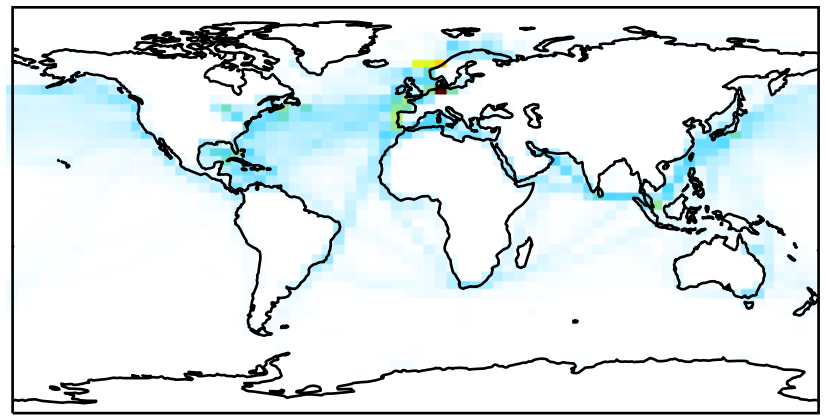
EmisSO4_Ship

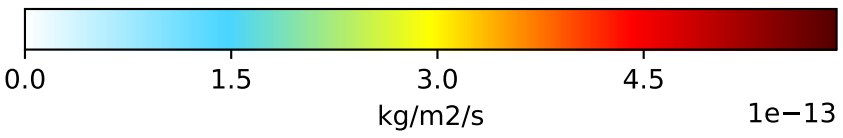
GC_12.8.0_GEOSFP_5.22 (Ref)
4.0x5.0



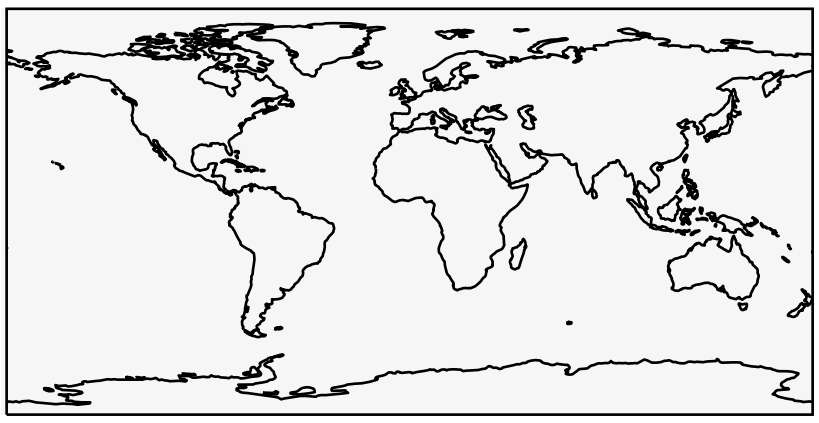


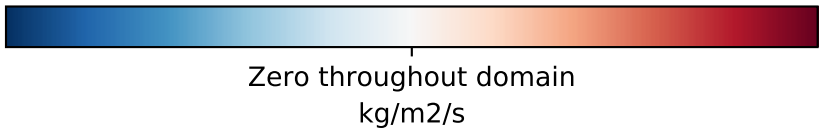
GC_12.8.0_GEOSFP_5.25 (Dev)
4.0x5.0



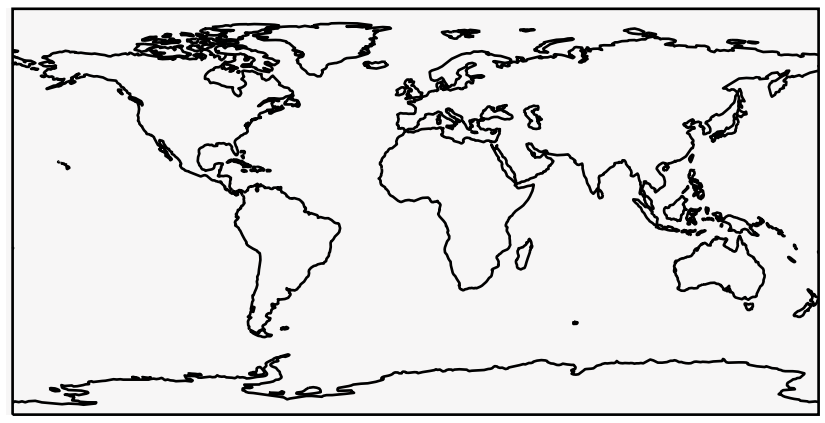


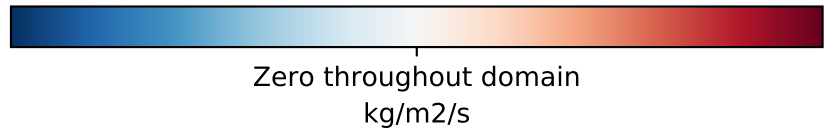
Difference
Dev - Ref, Dynamic Range



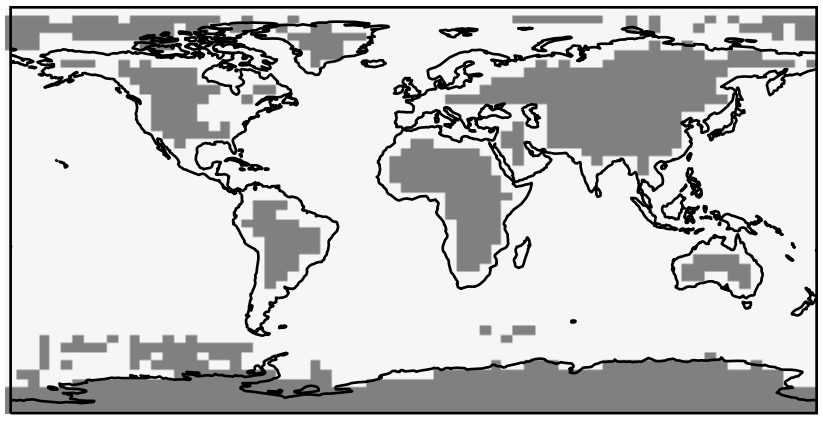


Difference
Dev - Ref, Restricted Range [5%,95%]

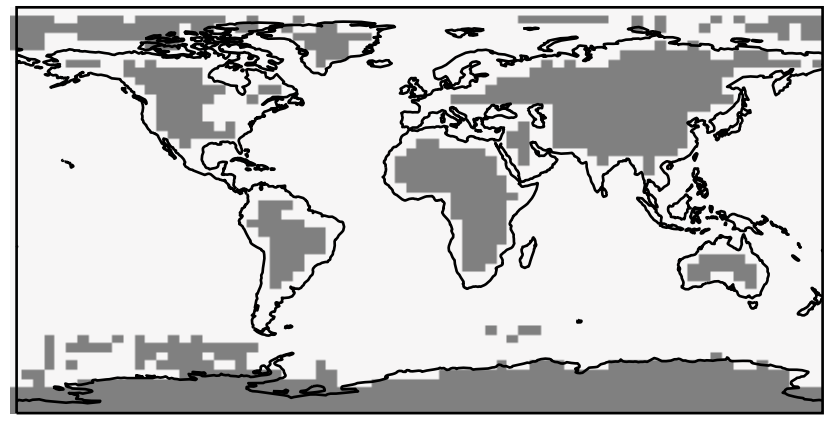


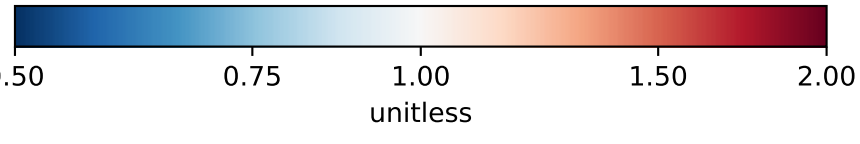


Ratio
Dev/Ref, Dynamic Range



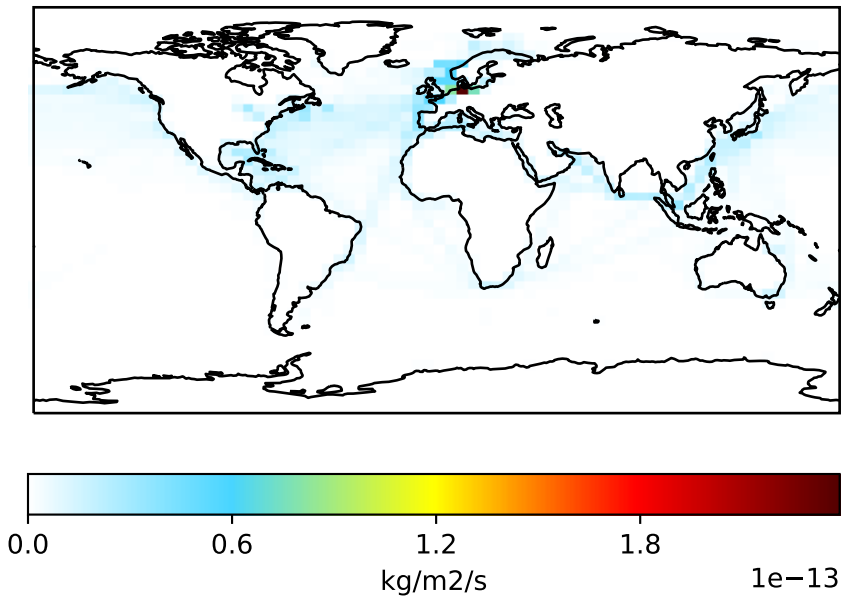
Ratio
Dev/Ref, Fixed Range



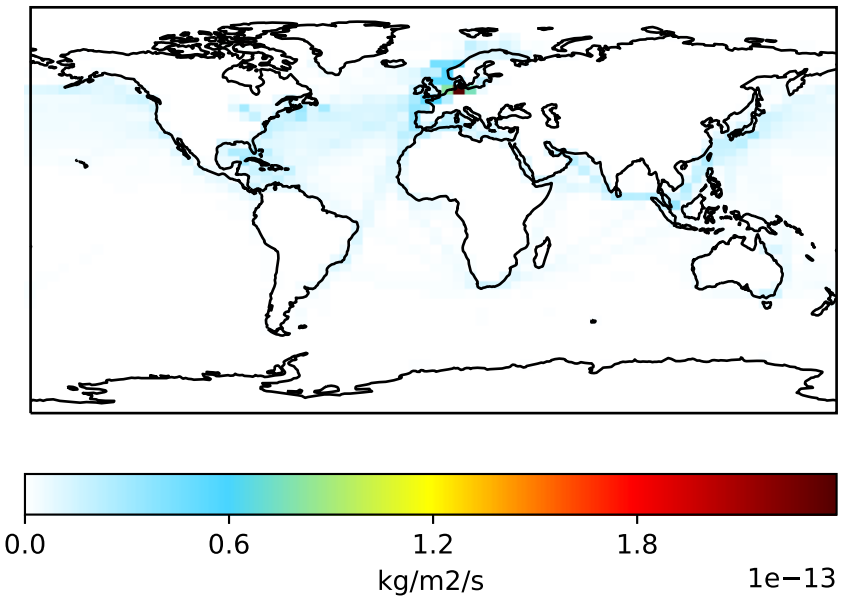


EmisSOAP_Ship

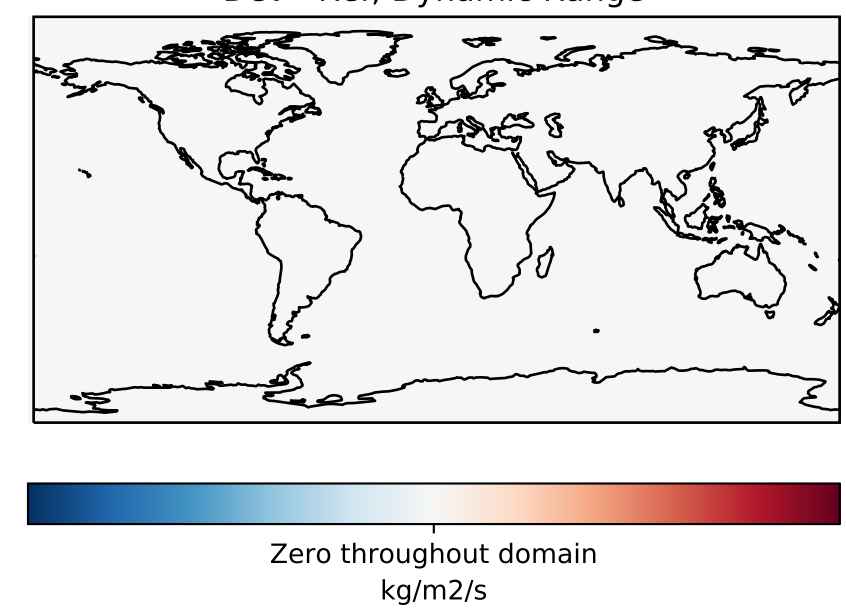
GC_12.8.0_GEOSFP_5.22 (Ref)
4.0x5.0



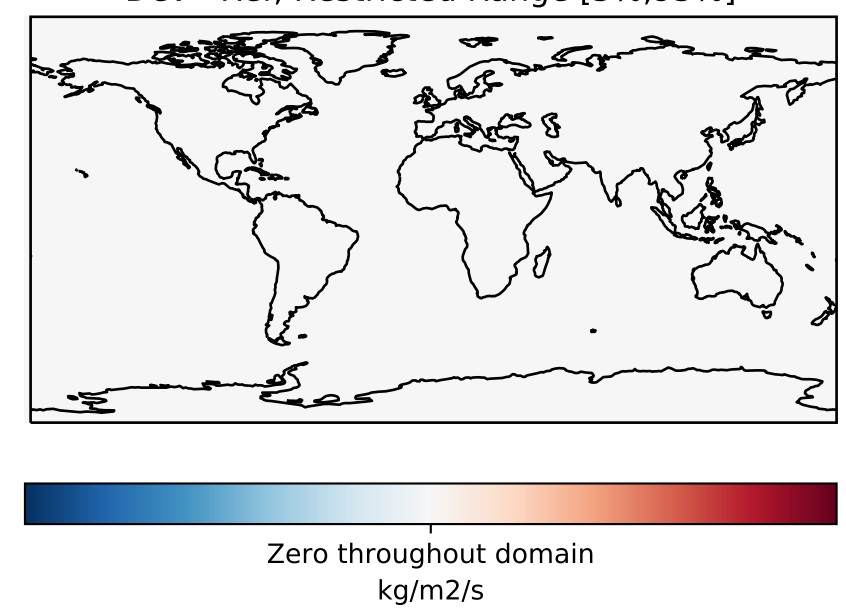
GC_12.8.0_GEOSFP_5.25 (Dev)
4.0x5.0



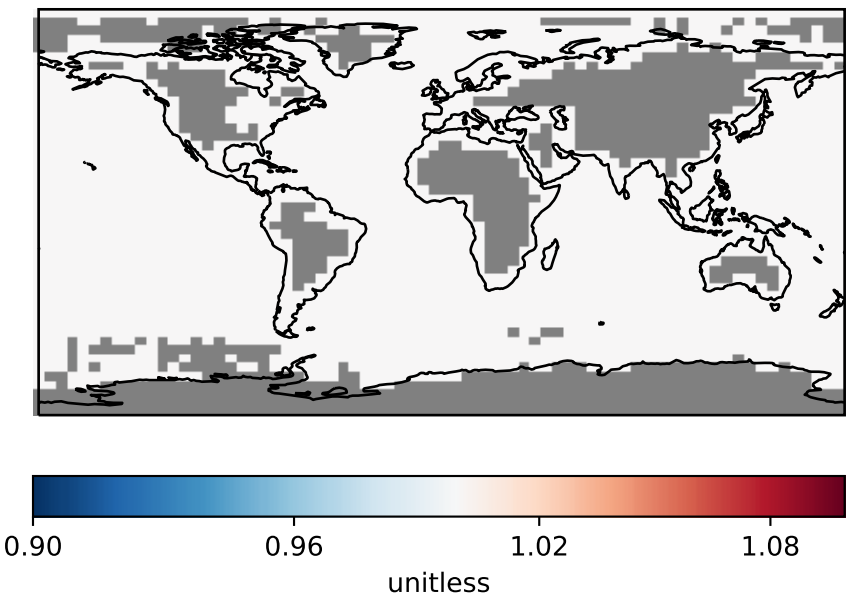
Difference
Dev - Ref, Dynamic Range



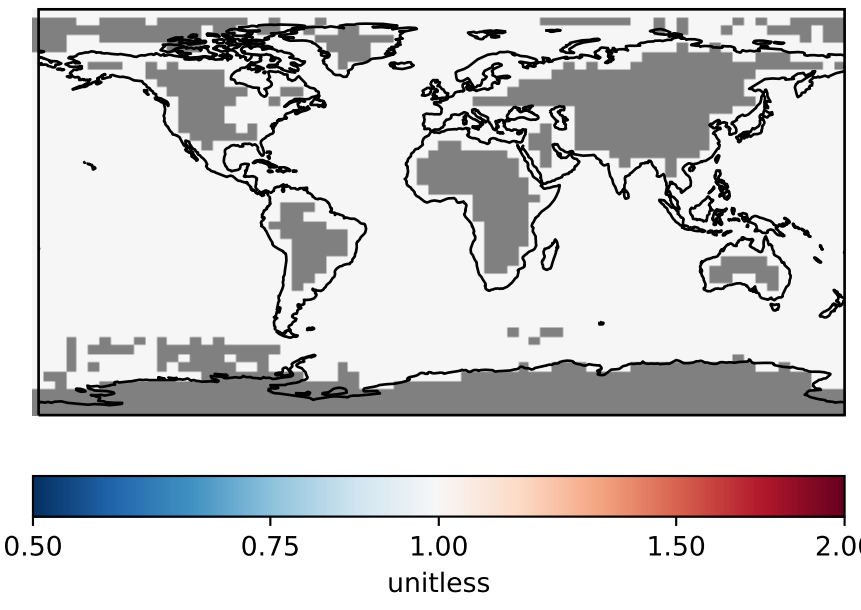
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

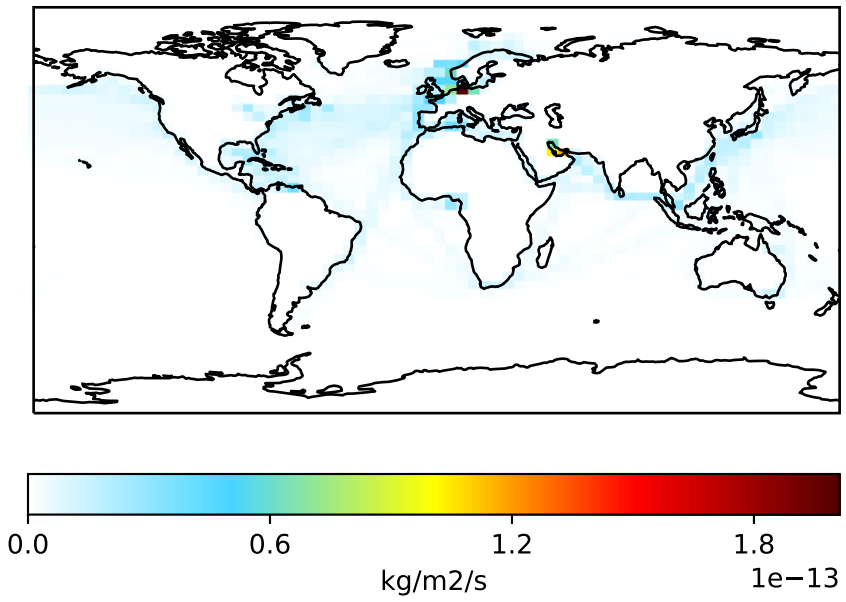


Ratio
Dev/Ref, Fixed Range

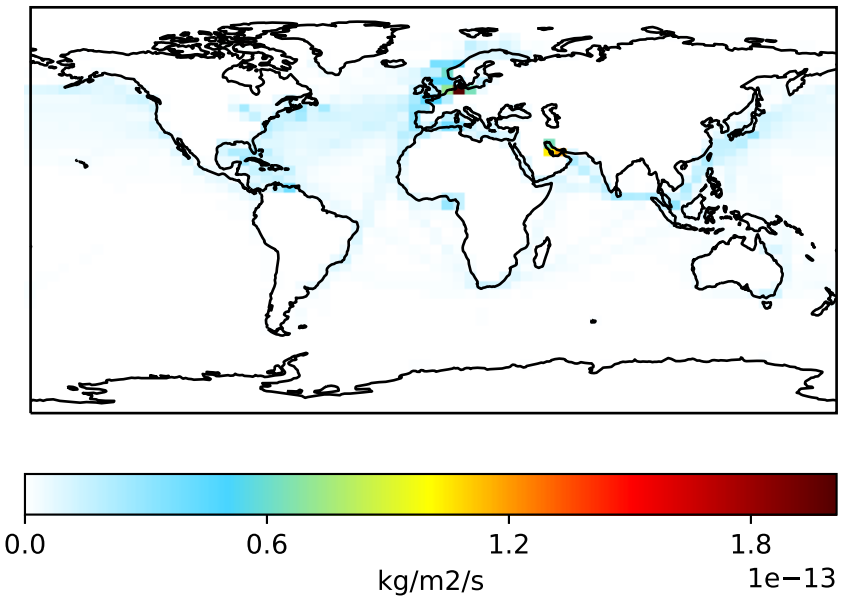


EmisTOLU_Ship

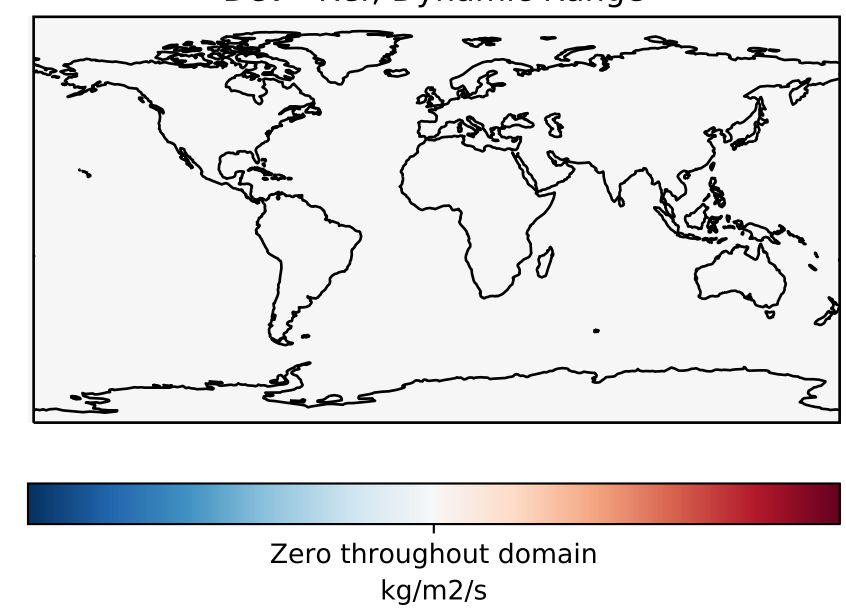
GC_12.8.0_GEOSFP_5.22 (Ref)
4.0x5.0



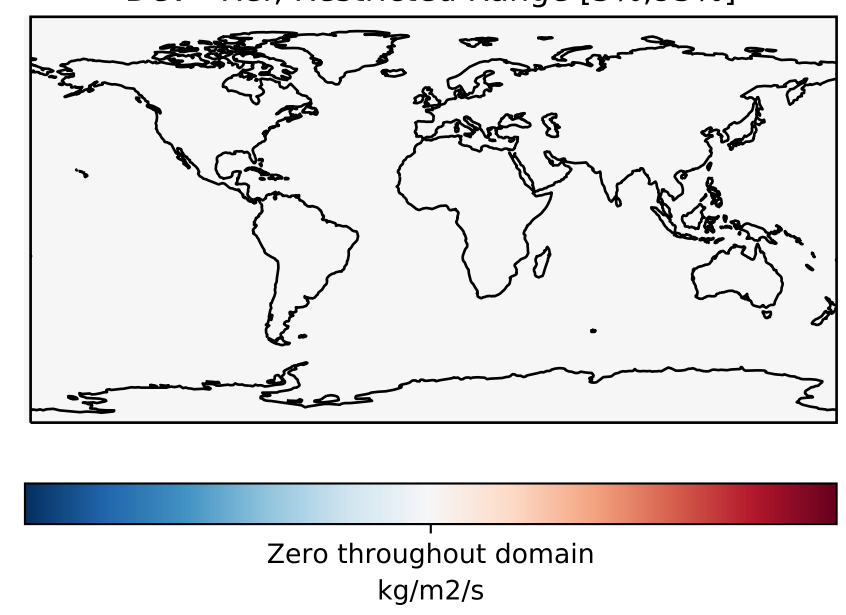
GC_12.8.0_GEOSFP_5.25 (Dev)
4.0x5.0



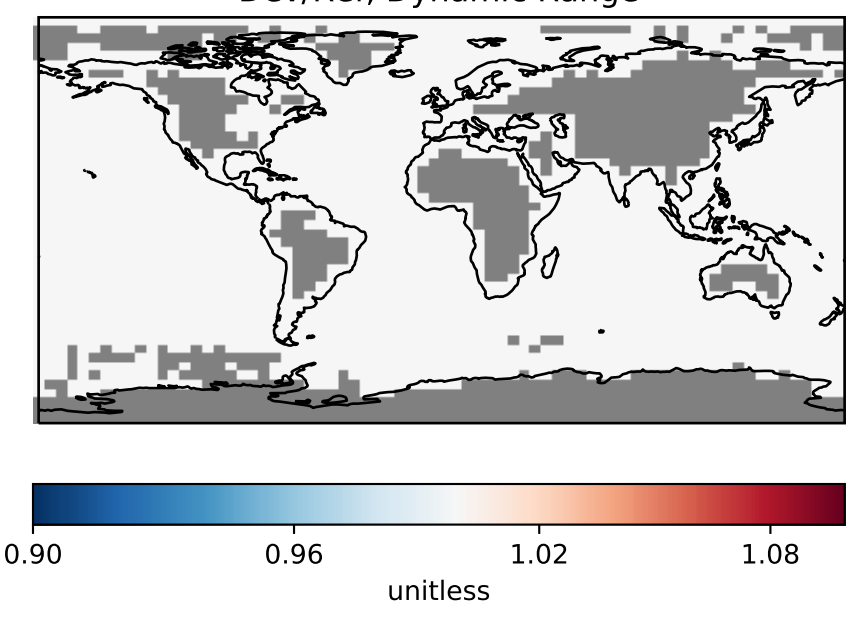
Difference
Dev - Ref, Dynamic Range



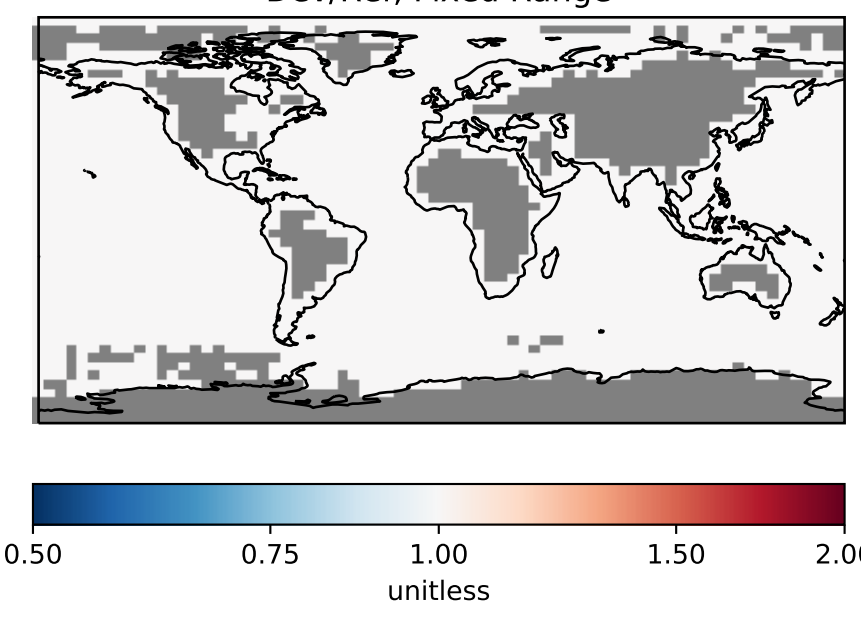
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

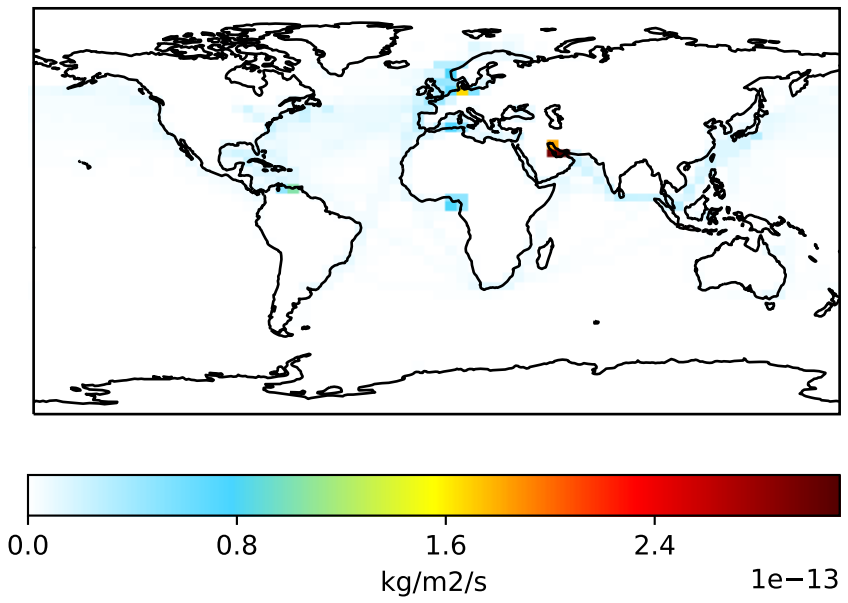


Ratio
Dev/Ref, Fixed Range

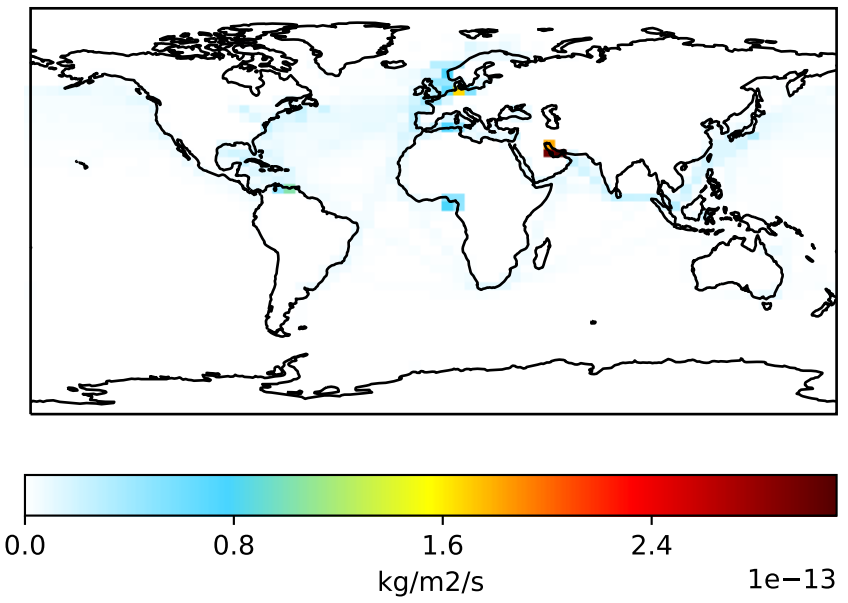


EmisXYLE_Ship

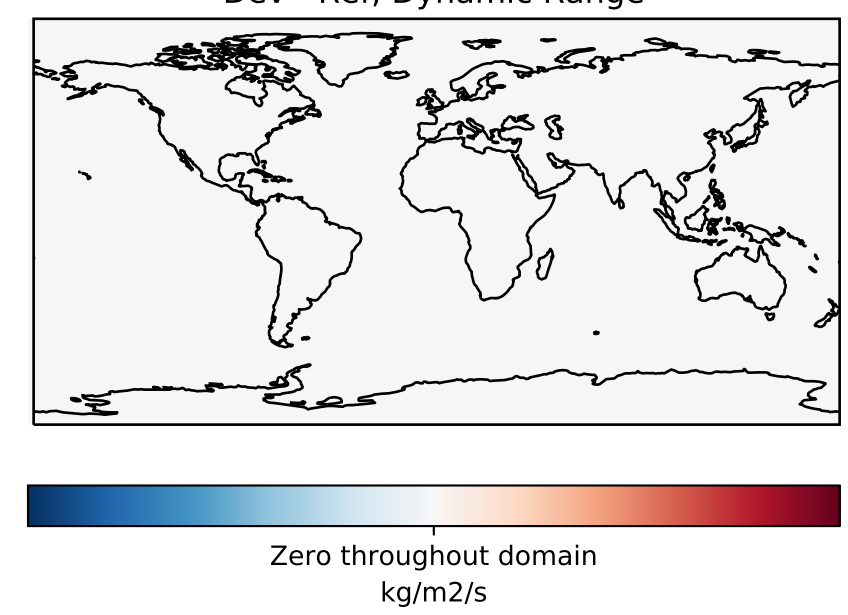
GC_12.8.0_GEOSFP_5.22 (Ref)
4.0x5.0



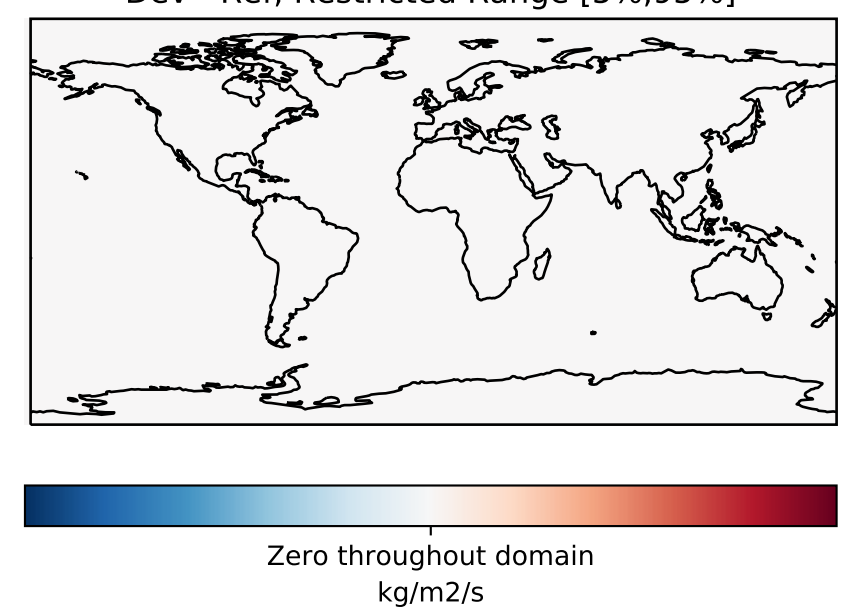
GC_12.8.0_GEOSFP_5.25 (Dev)
4.0x5.0



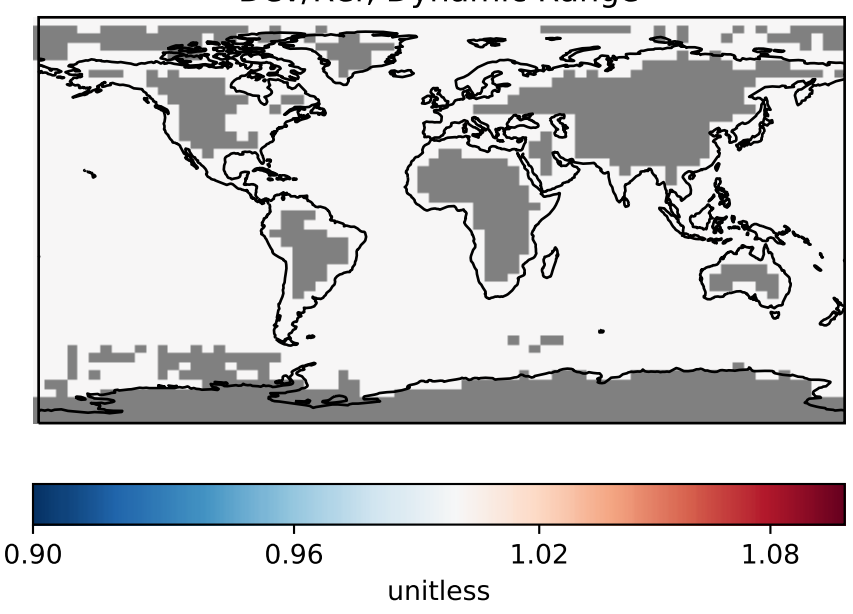
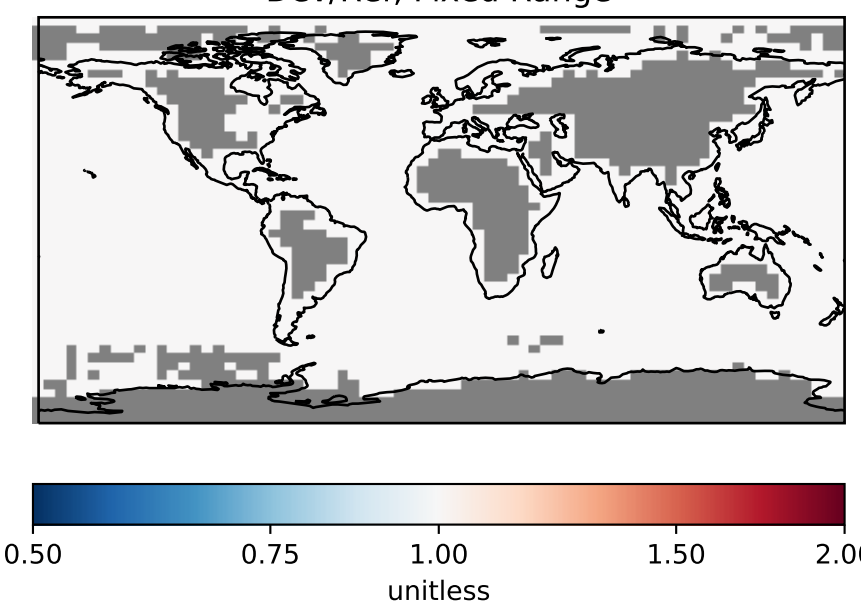
Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range