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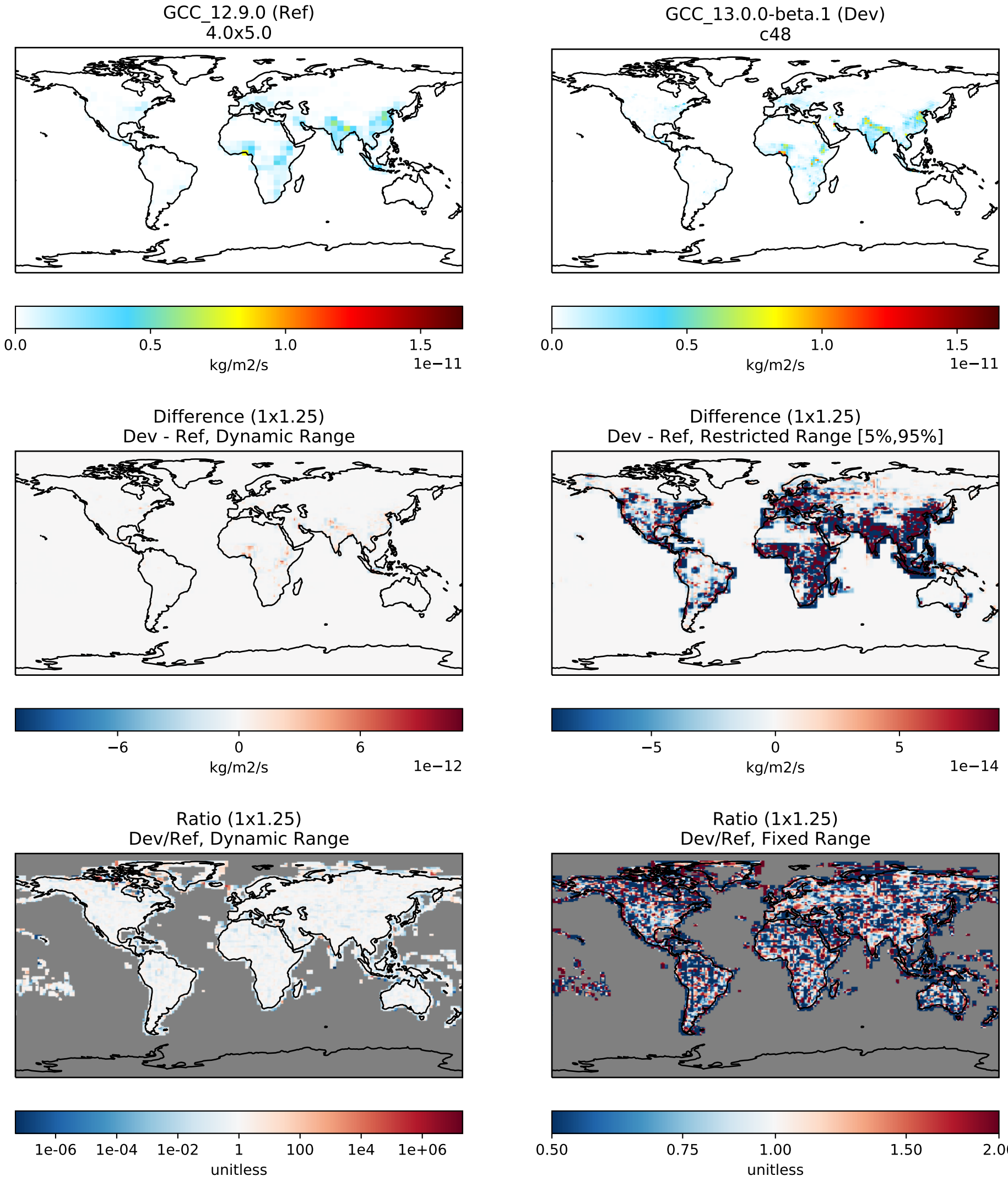
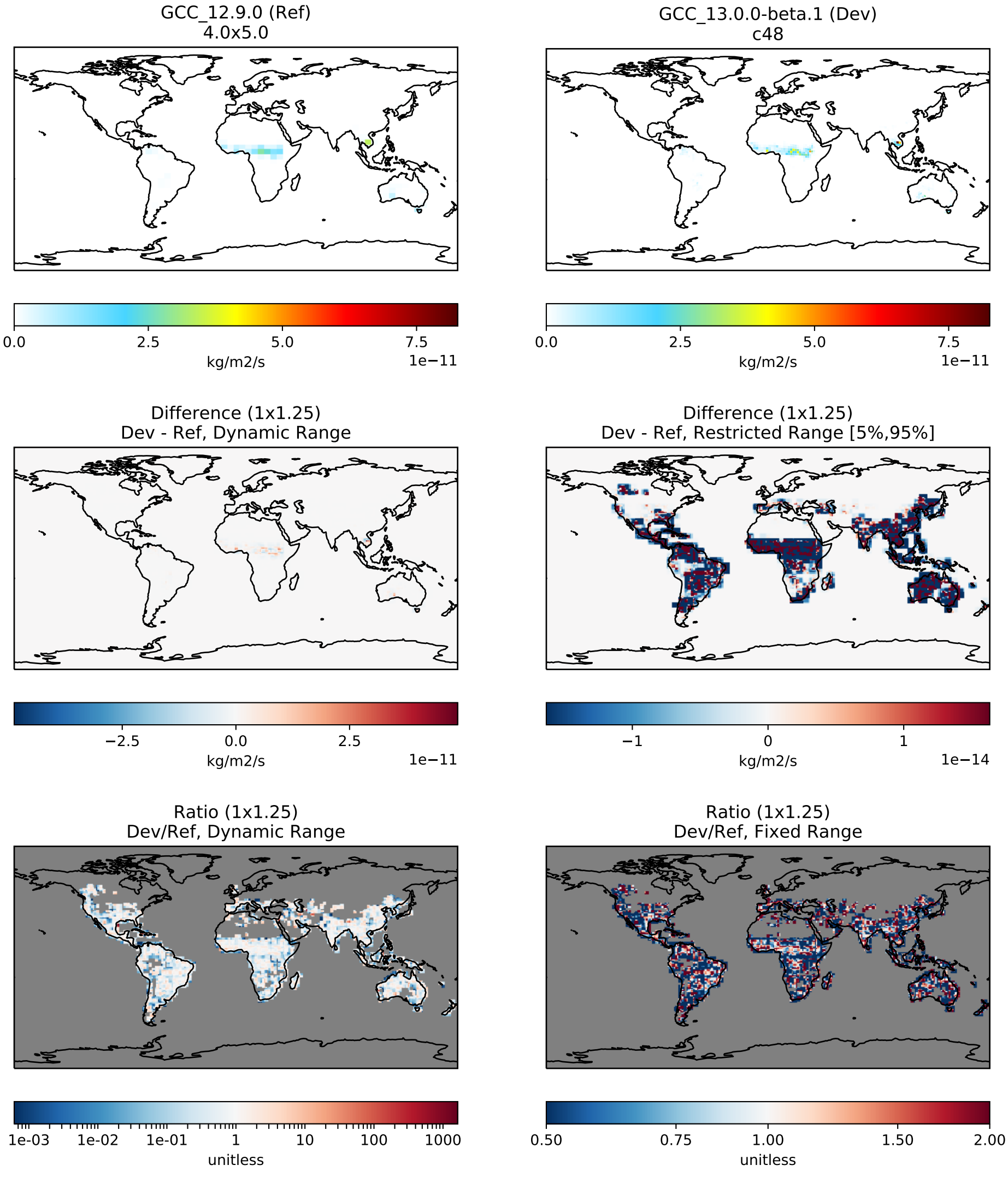
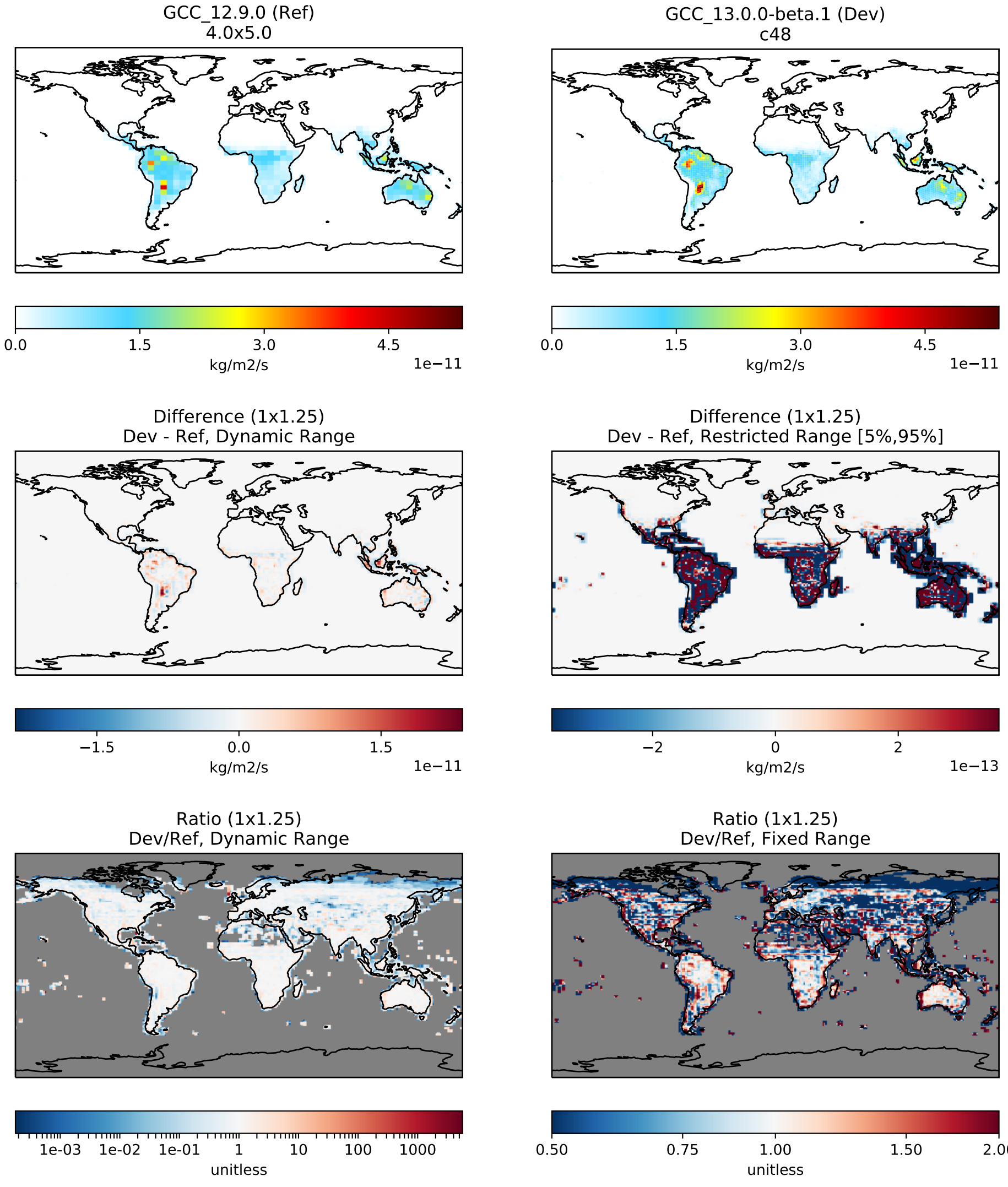


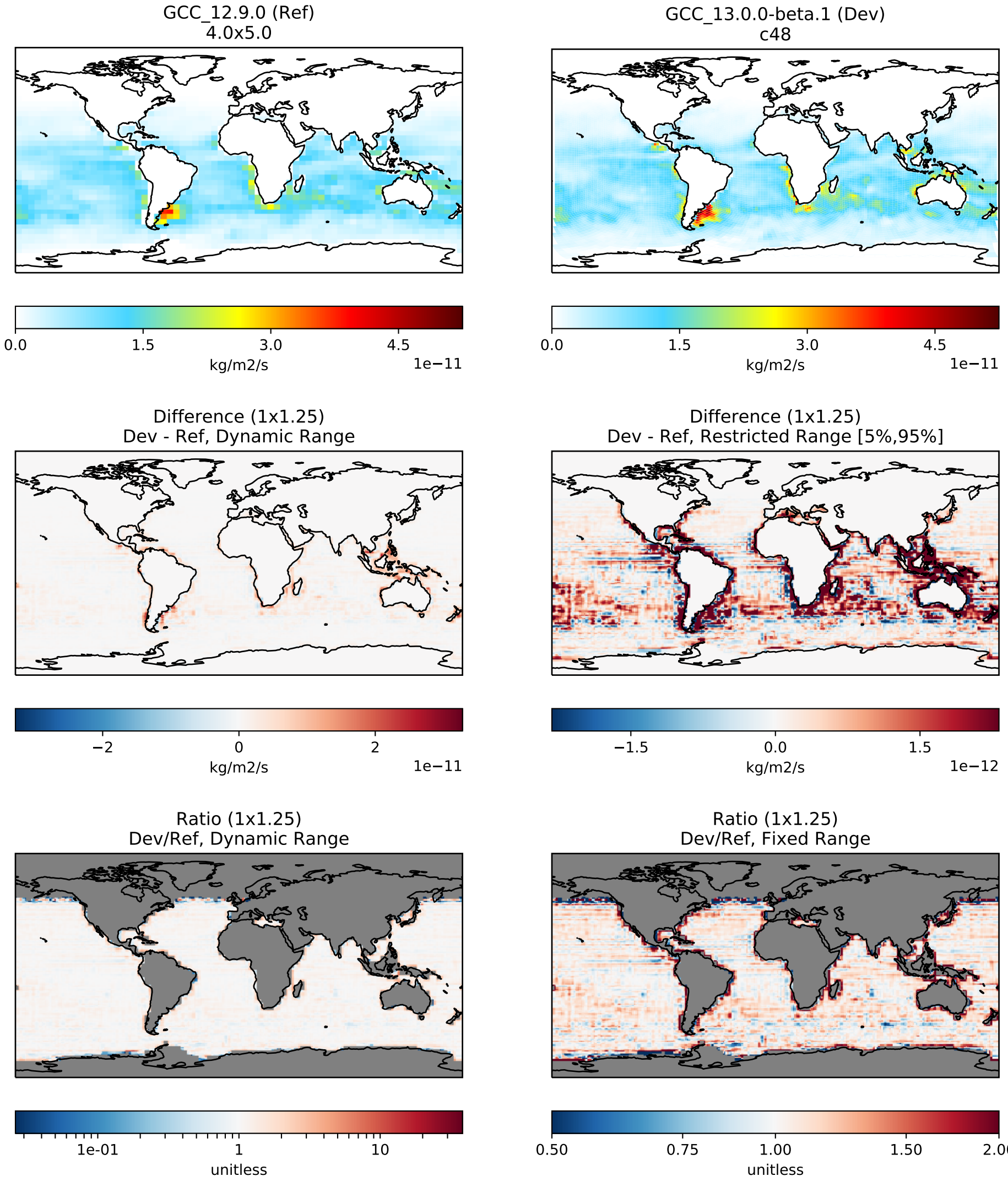
EmisALD2_BioBurn (Jan2019)



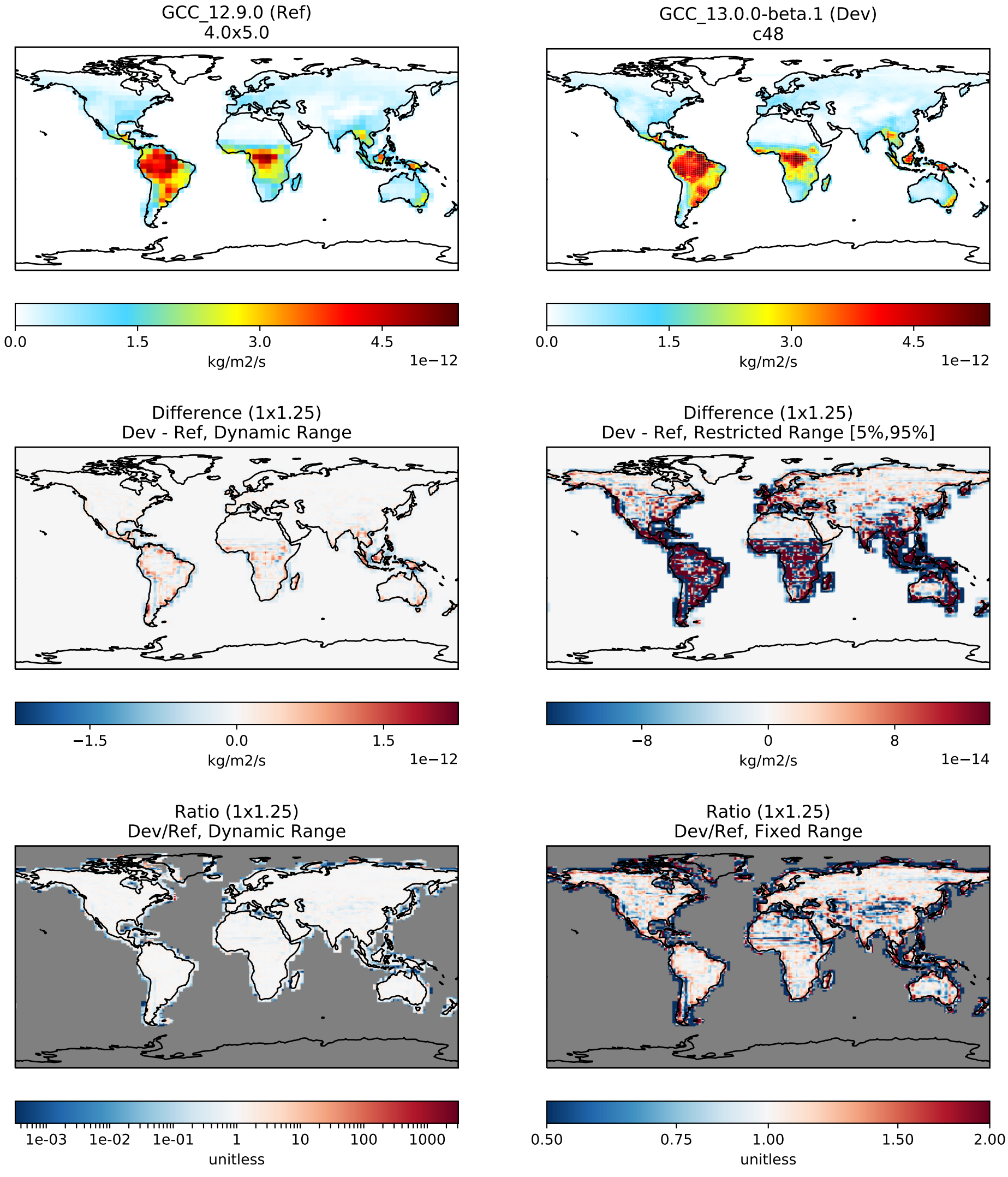
EmisALD2_Biogenic (Jan2019)



EmisALD2_Ocean (Jan2019)

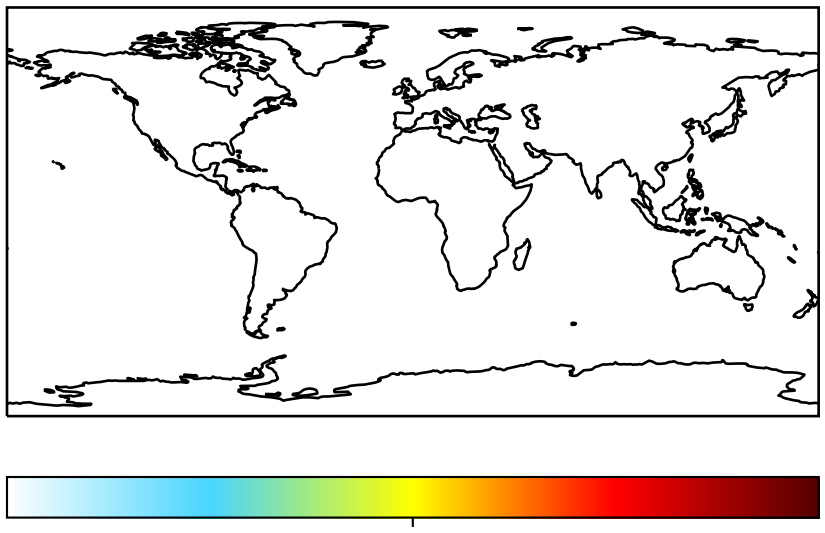


EmisALD2_PlantDecay (Jan2019)

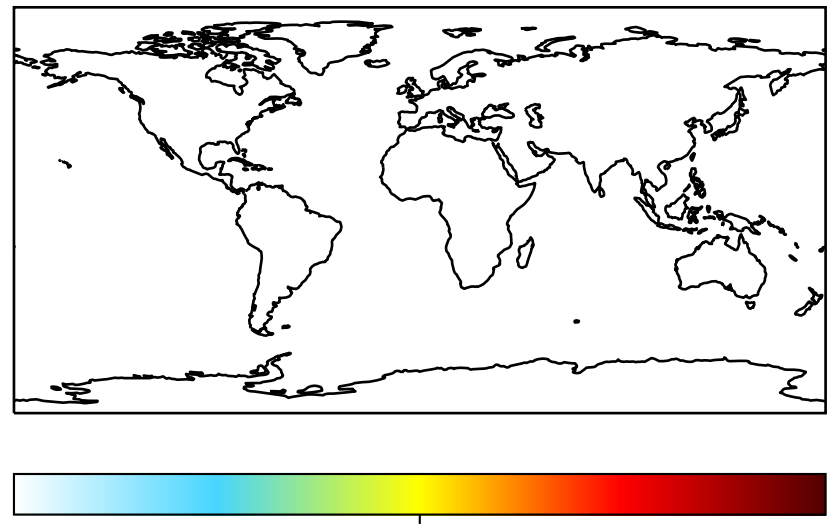


EmisALD2_Ship (Jan2019)

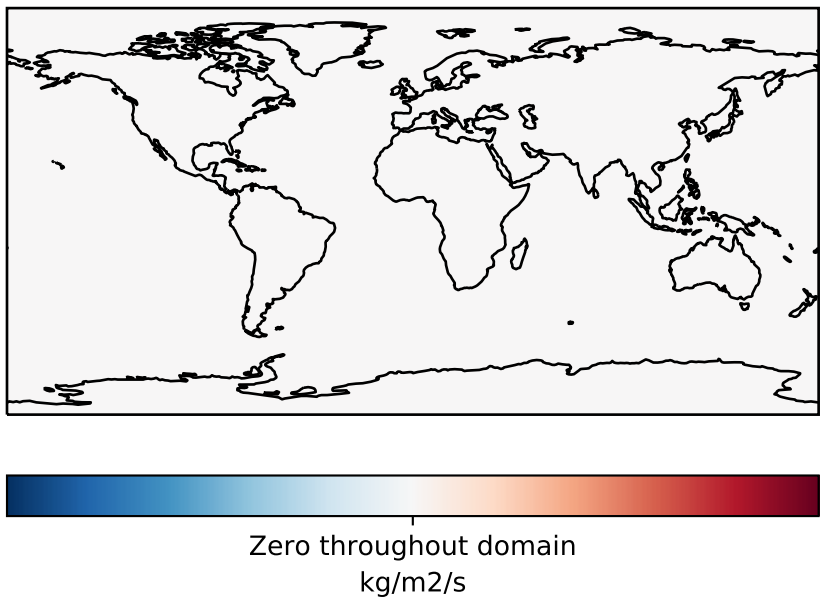
GCC_12.9.0 (Ref)
4.0x5.0



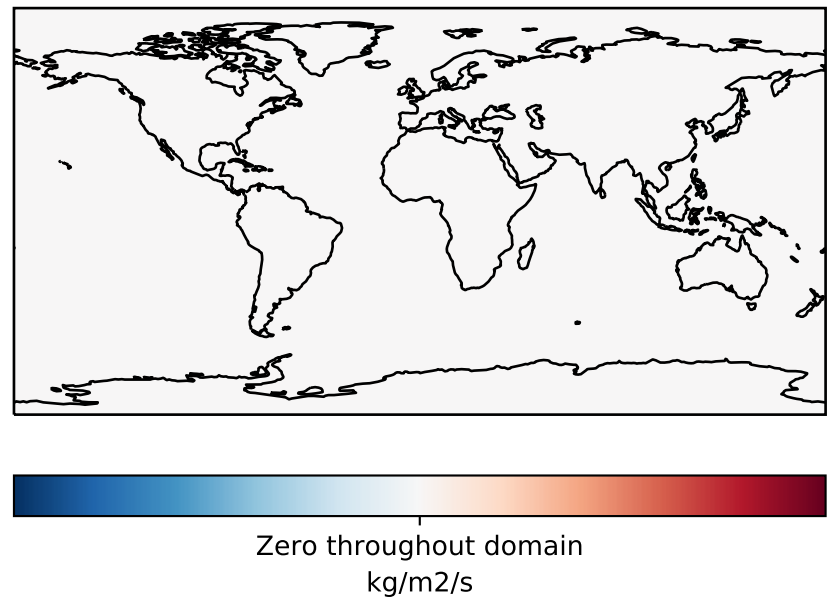
GCC_13.0.0-beta.1 (Dev)
c48



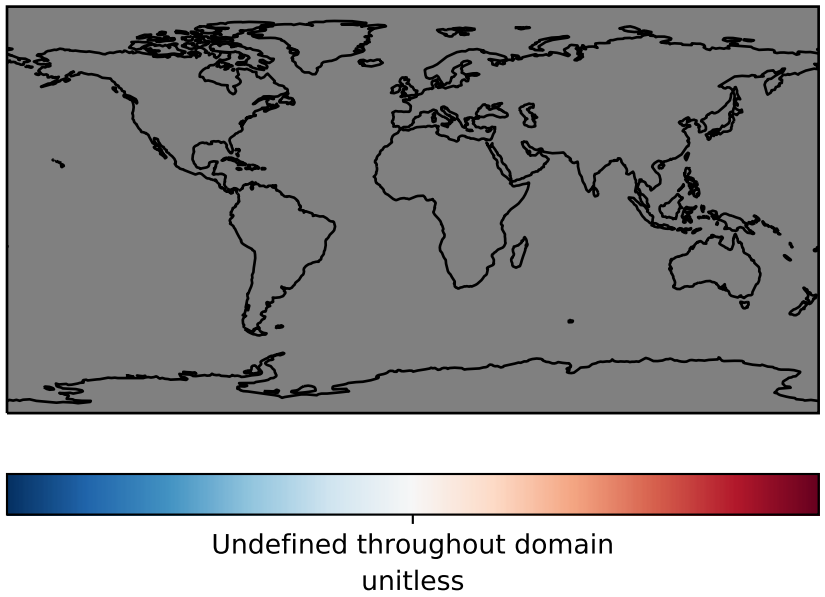
Difference (1x1.25)
Dev - Ref, Dynamic Range



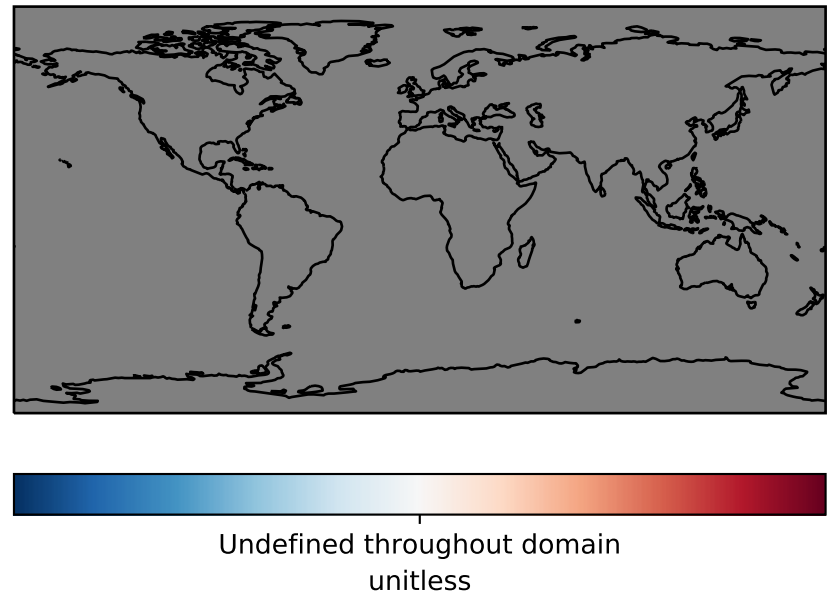
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



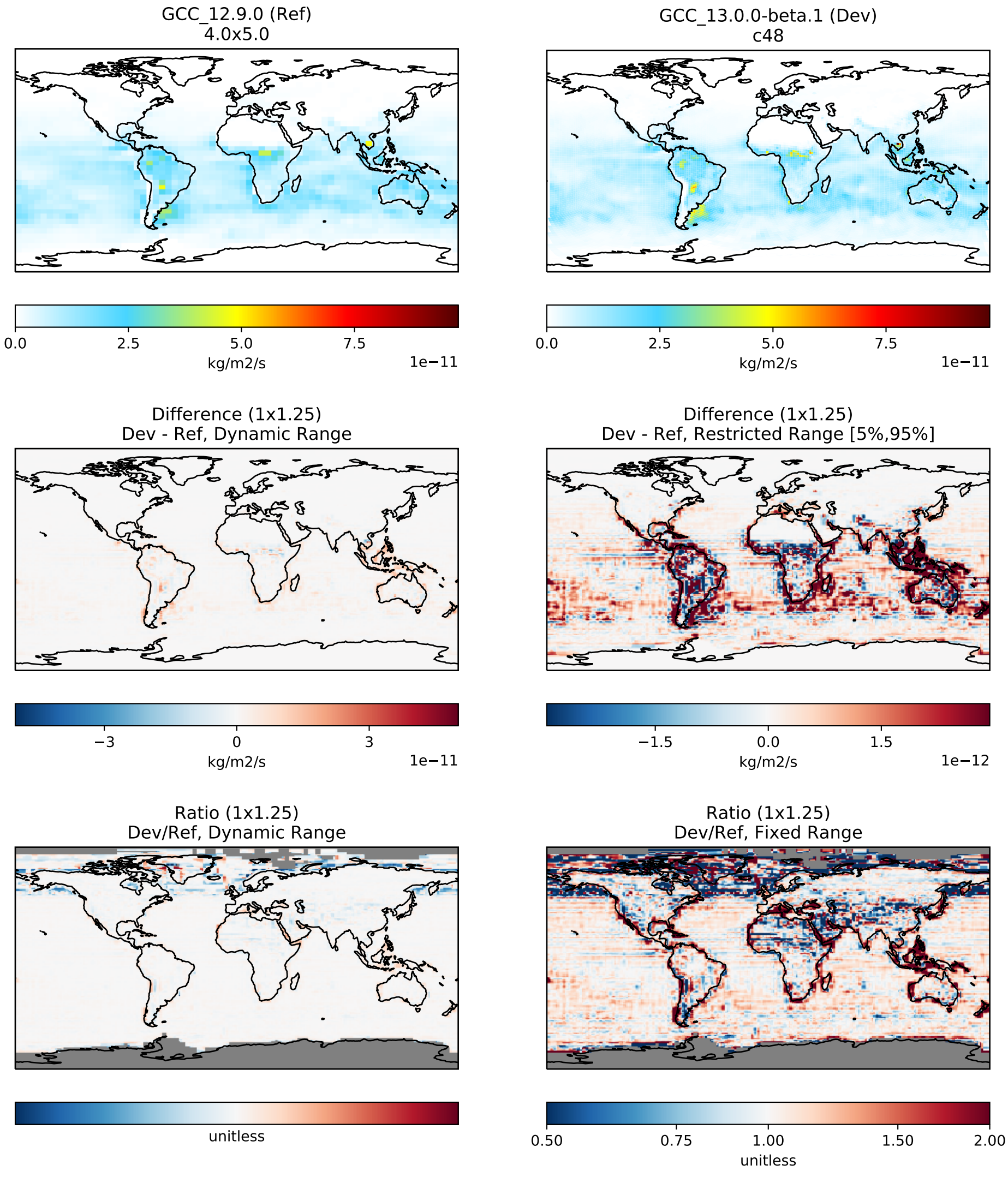
Ratio (1x1.25)
Dev/Ref, Dynamic Range



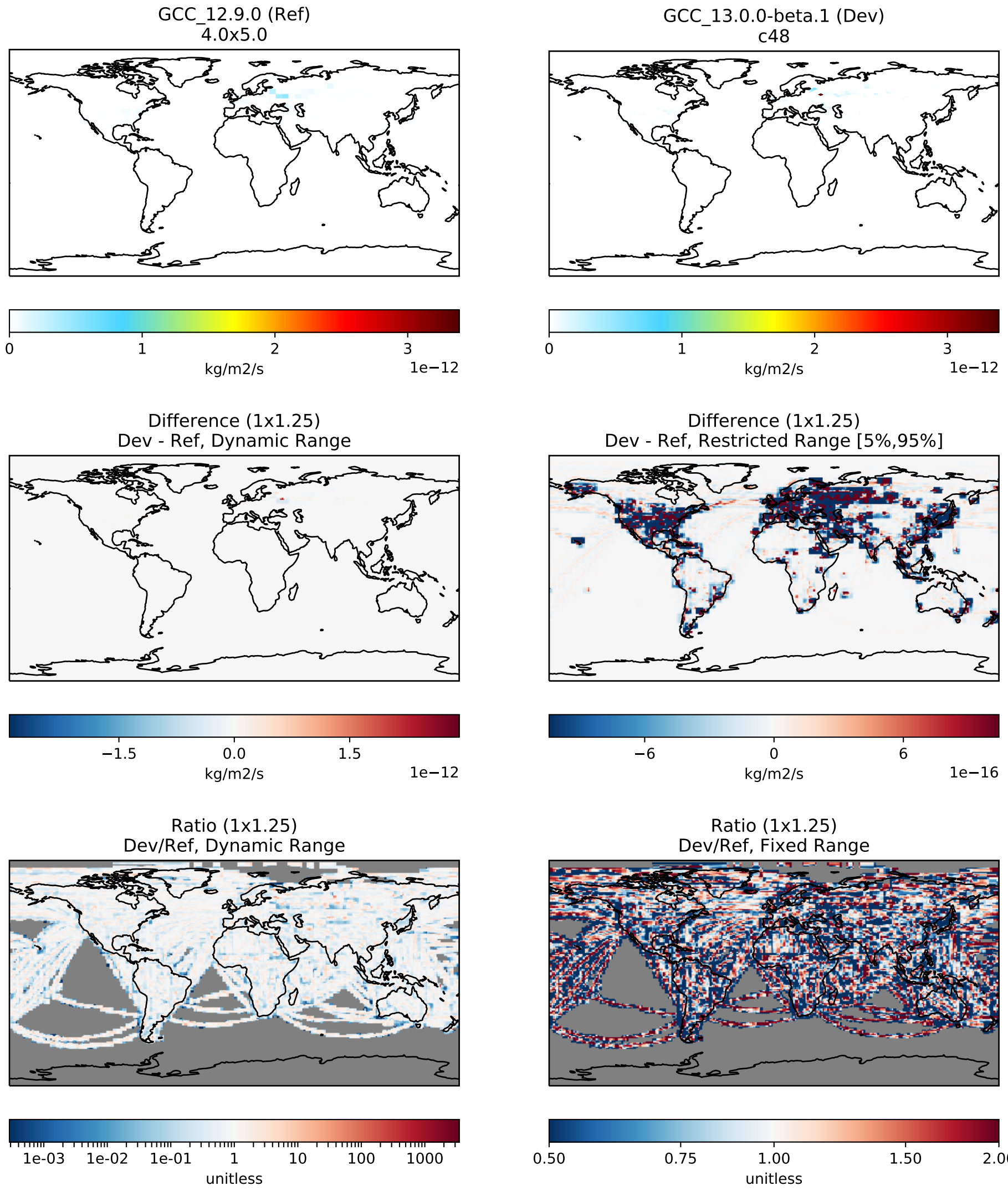
Ratio (1x1.25)
Dev/Ref, Fixed Range



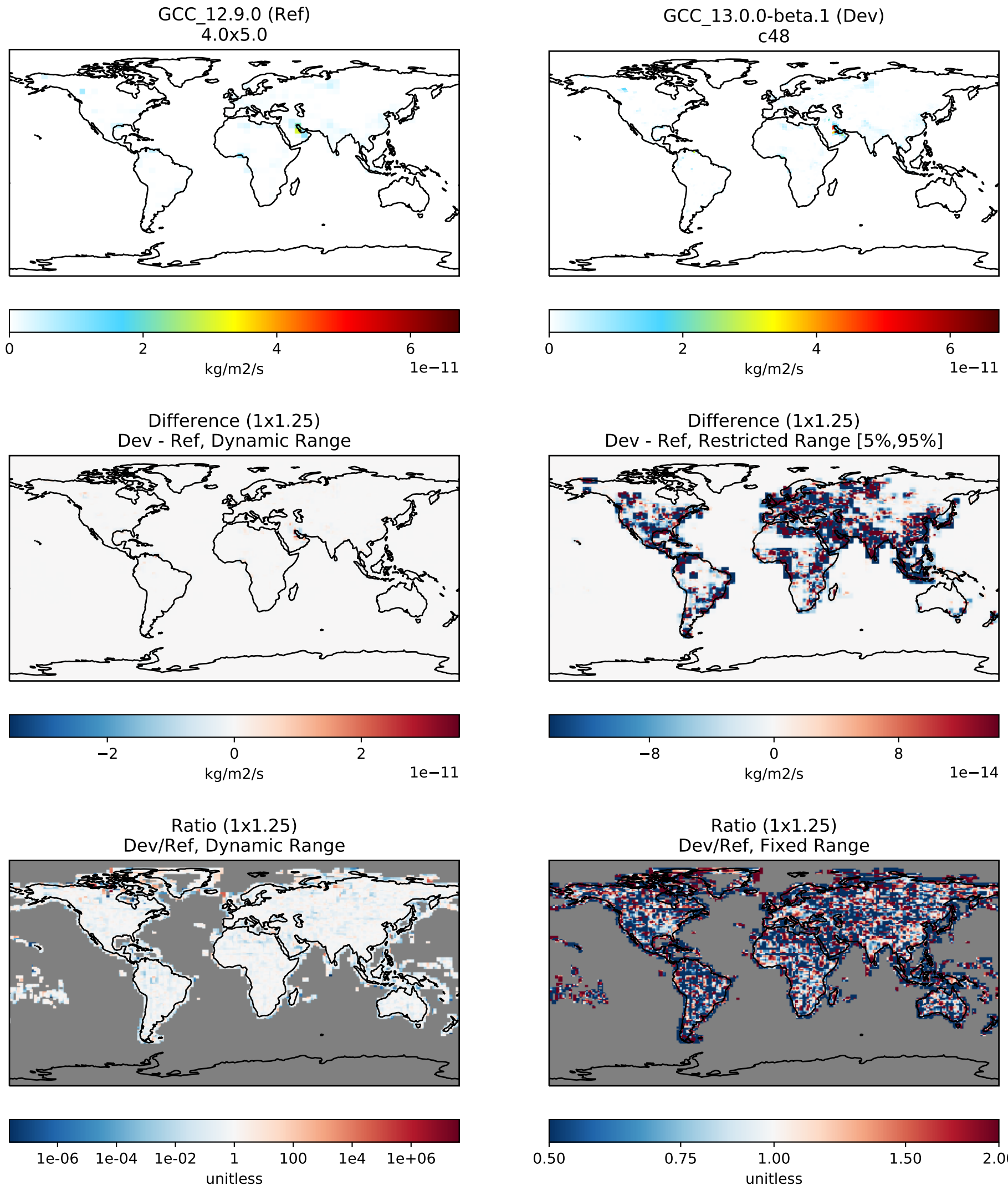
EmisALD2_Total (Jan2019)



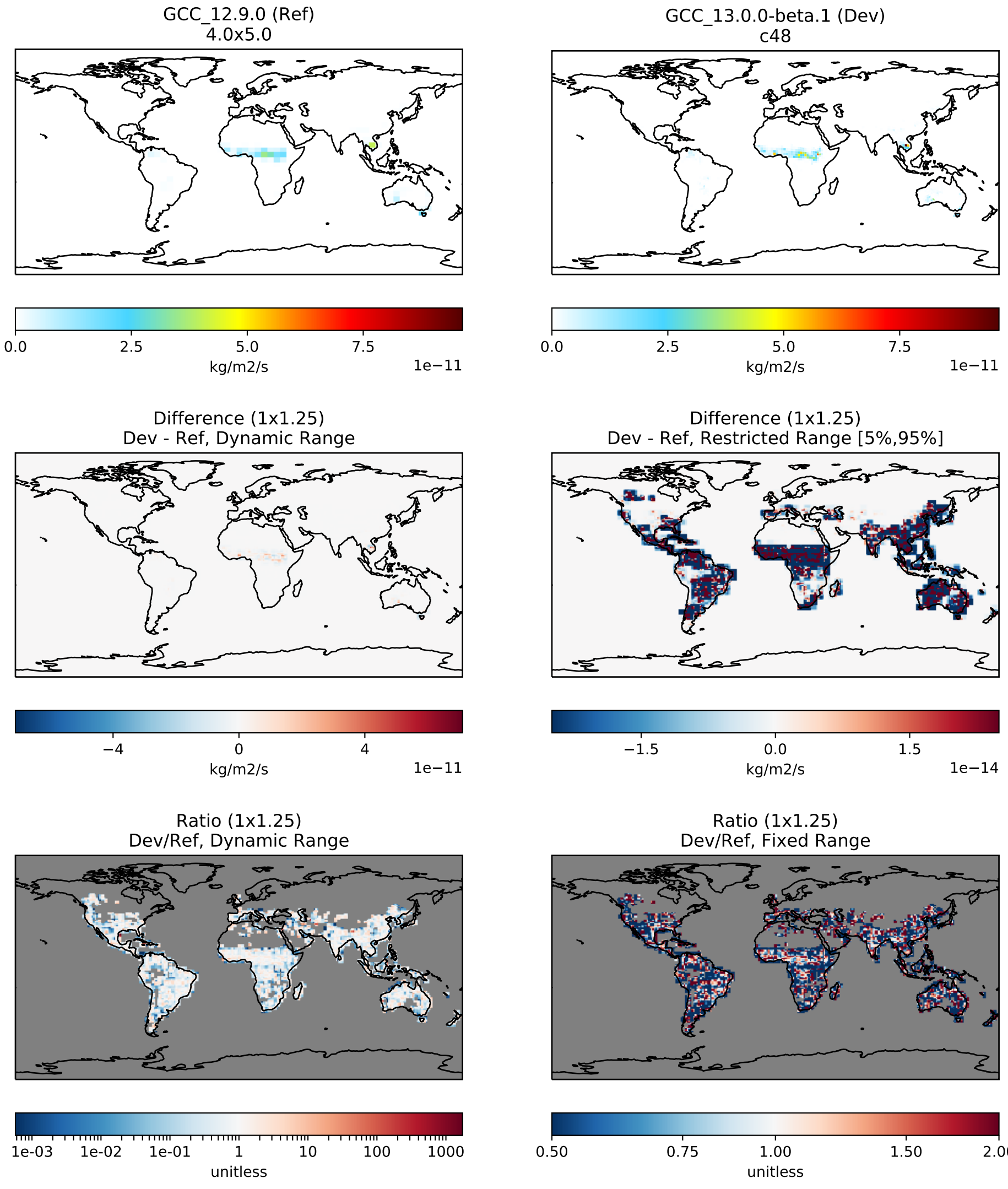
EmisCH2O_Aircraft (Jan2019)



EmisCH2O_Anthro (Jan2019)

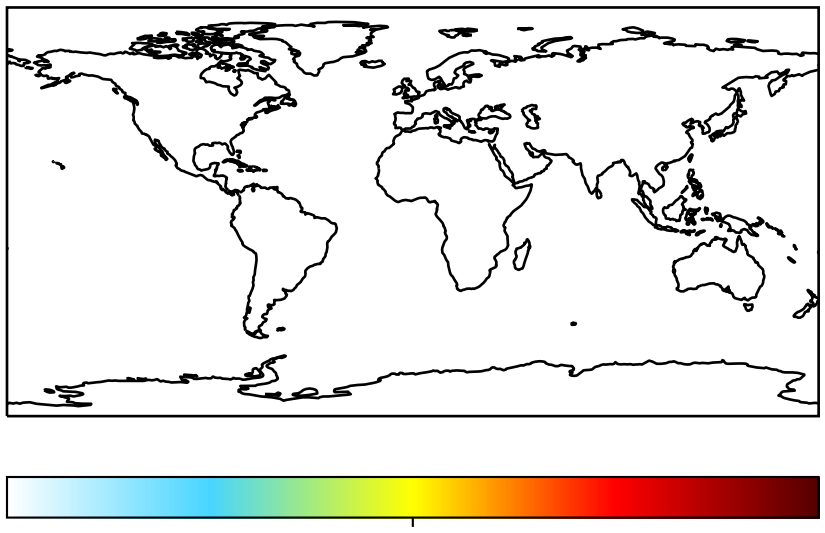


EmisCH2O_BioBurn (Jan2019)



EmisCH2O_Ship (Jan2019)

GCC_12.9.0 (Ref)
4.0x5.0



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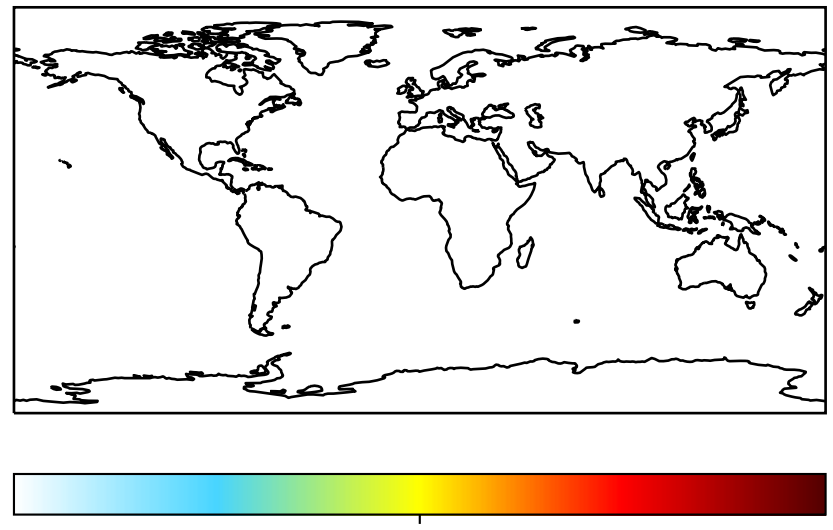
kg/m2/s

GCC_13.0.0-beta.1 (Dev)
c48



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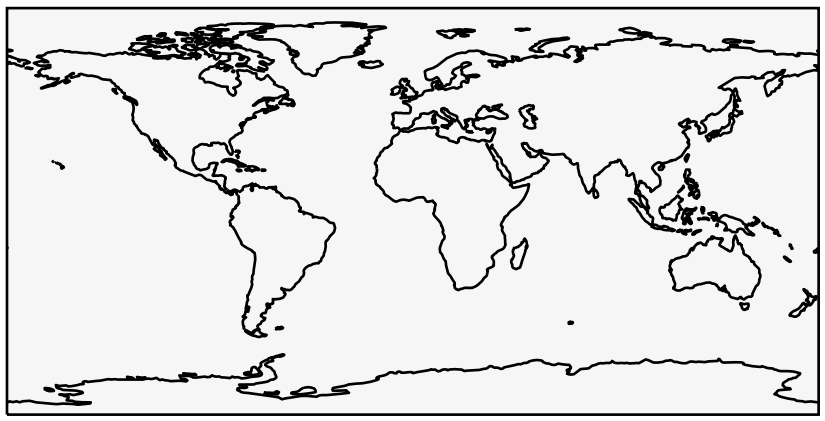
kg/m2/s

Difference (1x1.25)
Dev - Ref, Dynamic Range



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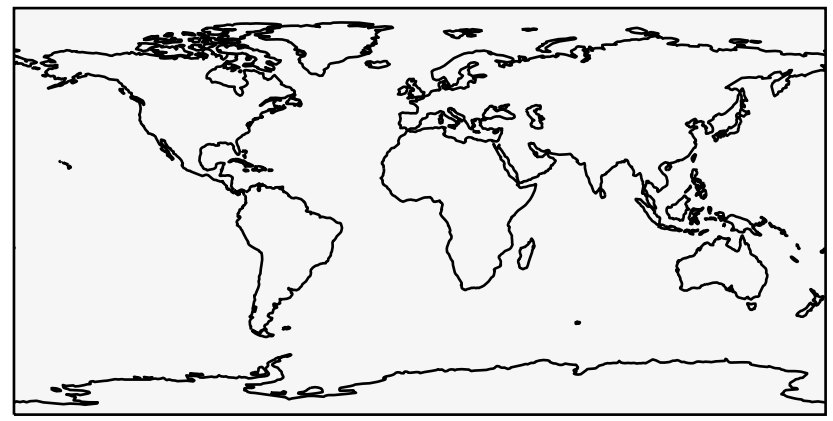
kg/m2/s

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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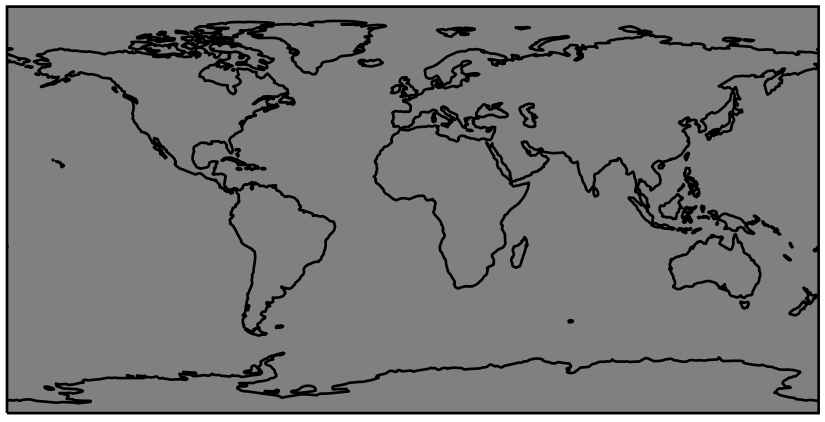
kg/m2/s

Ratio (1x1.25)
Dev/Ref, Dynamic Range



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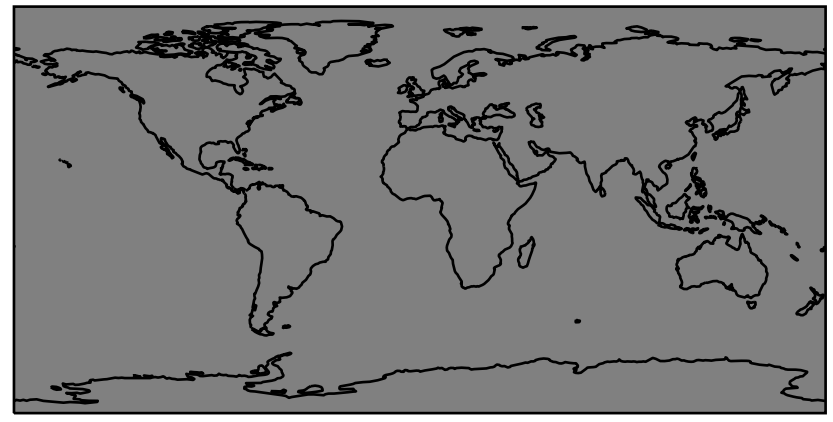
Ratio (1x1.25)
Dev/Ref, Fixed Range



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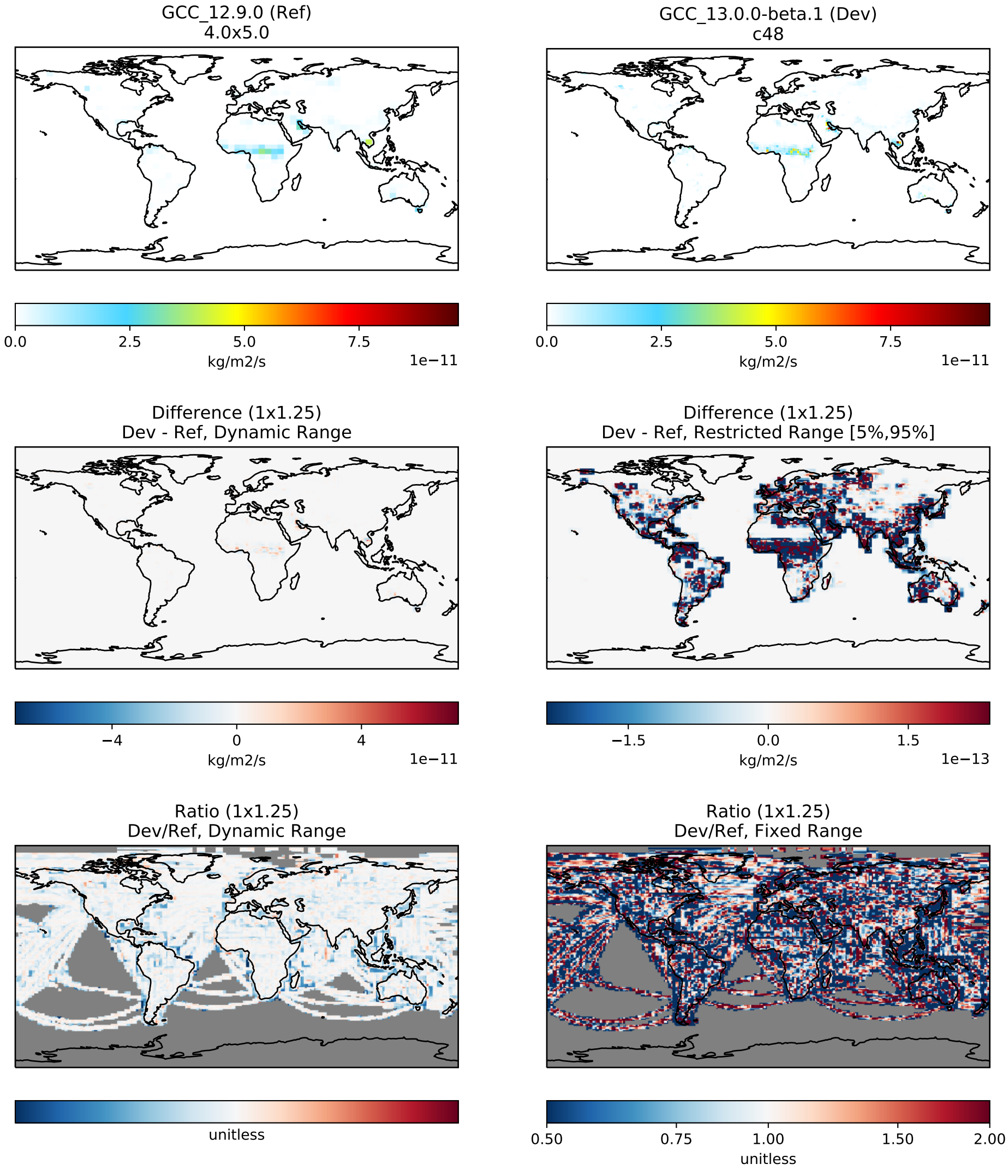
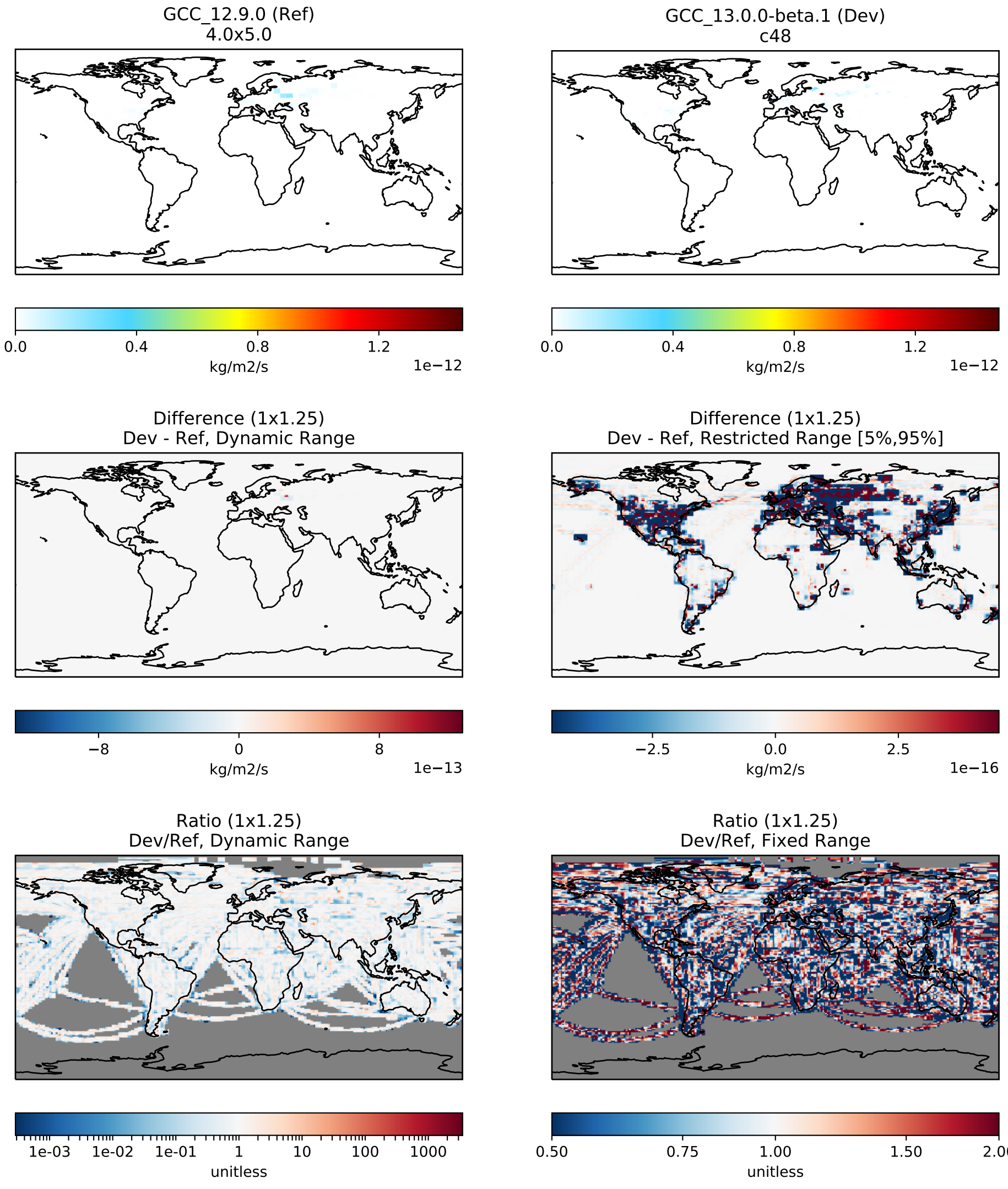
EmisCH2O_Total (Jan2019)

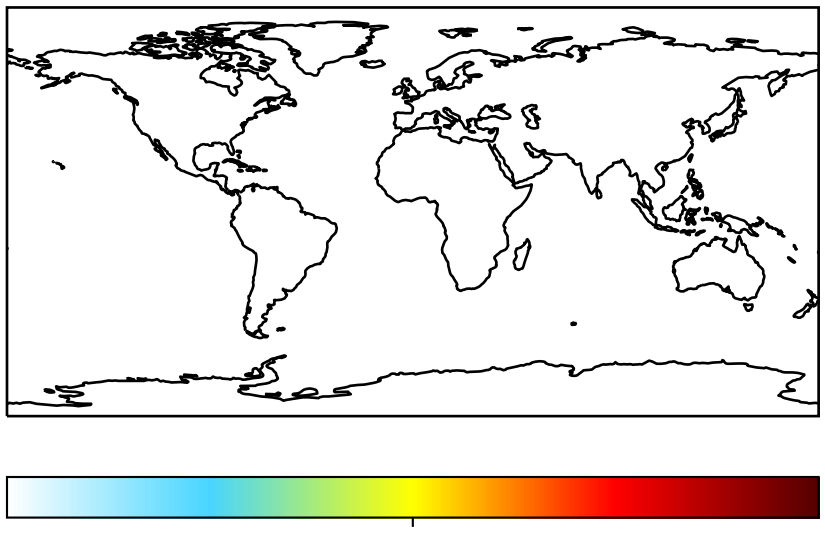


EmisMACR_Aircraft (Jan2019)

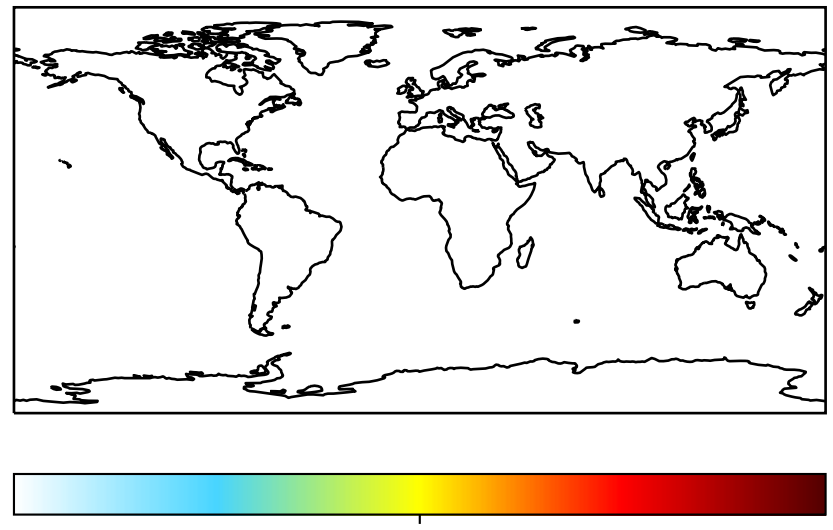


EmisMACR_Anthro (Jan2019)

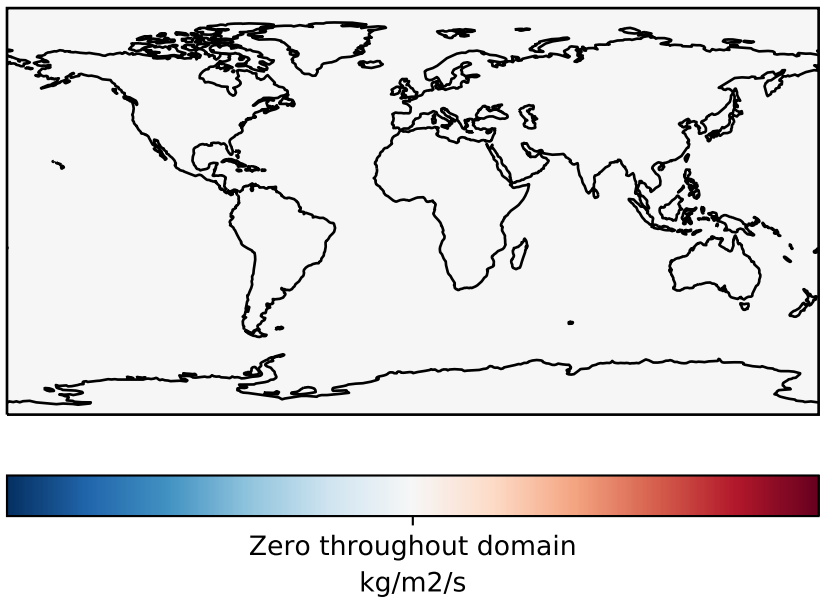
GCC_12.9.0 (Ref)
4.0x5.0



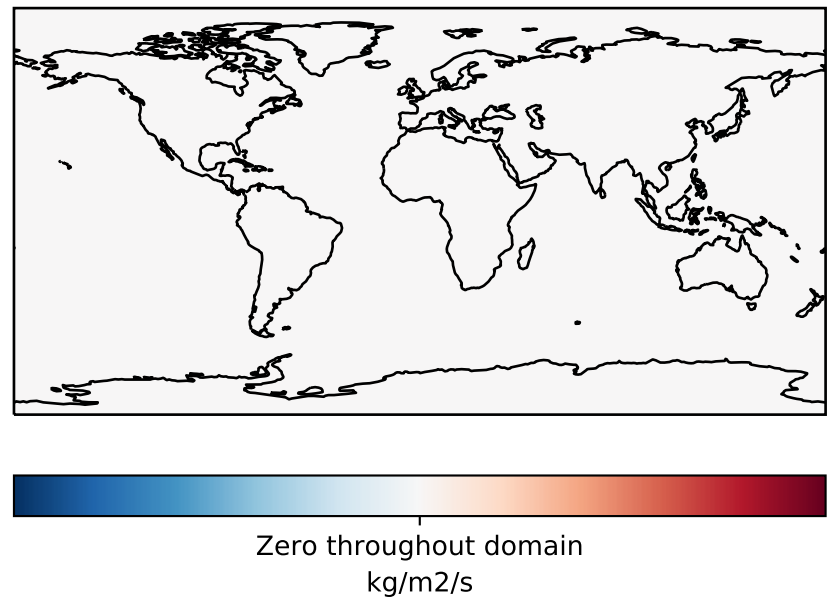
GCC_13.0.0-beta.1 (Dev)
c48



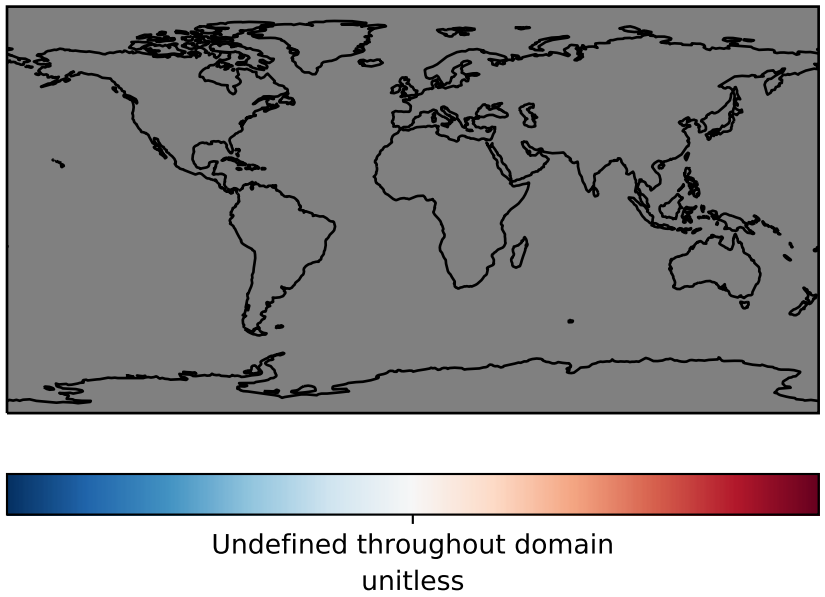
Difference (1x1.25)
Dev - Ref, Dynamic Range



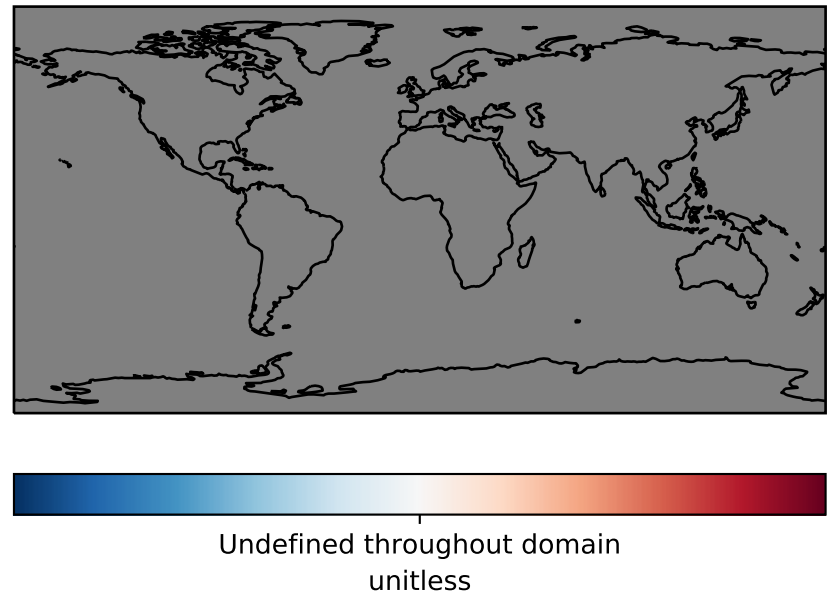
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



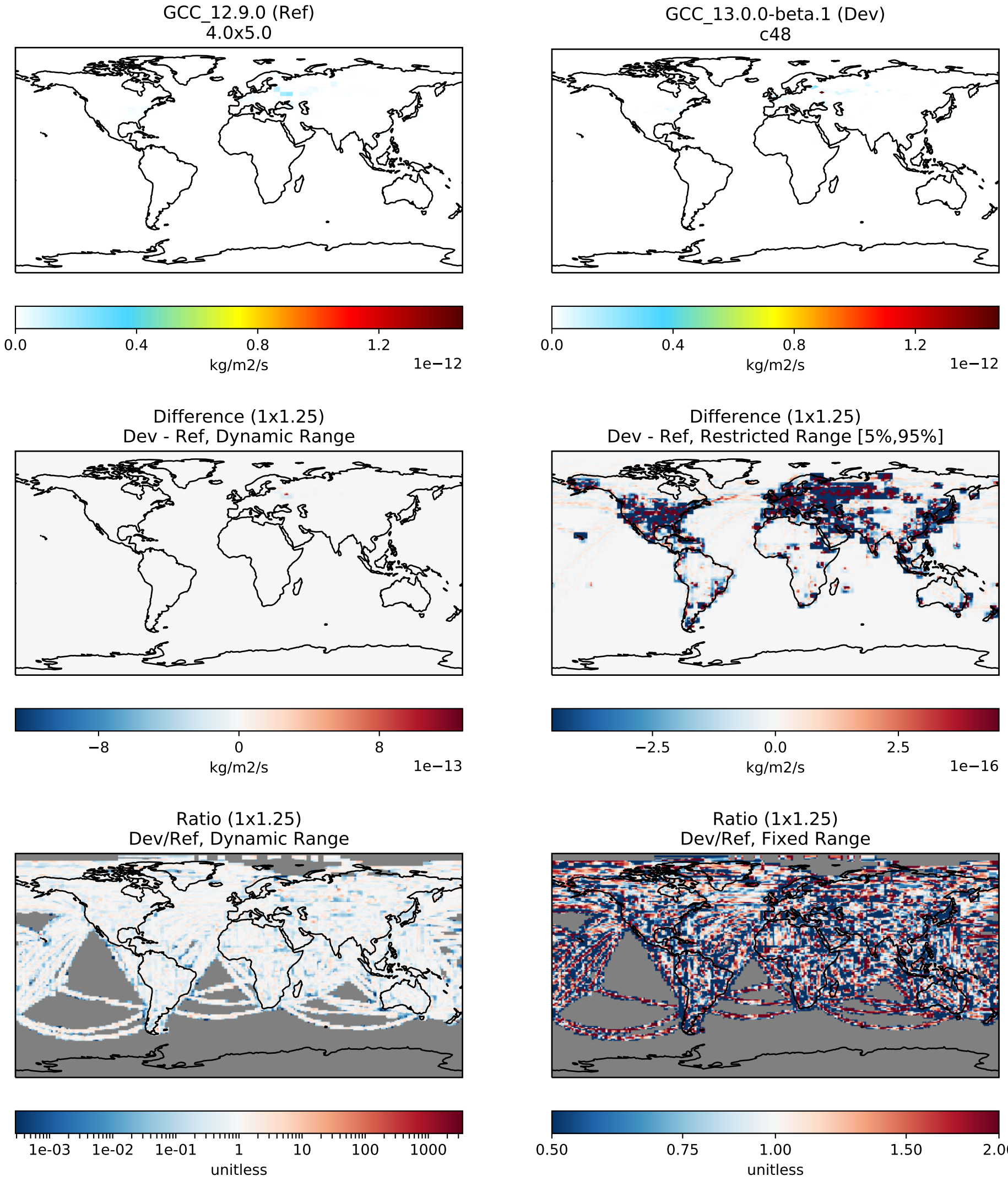
Ratio (1x1.25)
Dev/Ref, Dynamic Range



Ratio (1x1.25)
Dev/Ref, Fixed Range

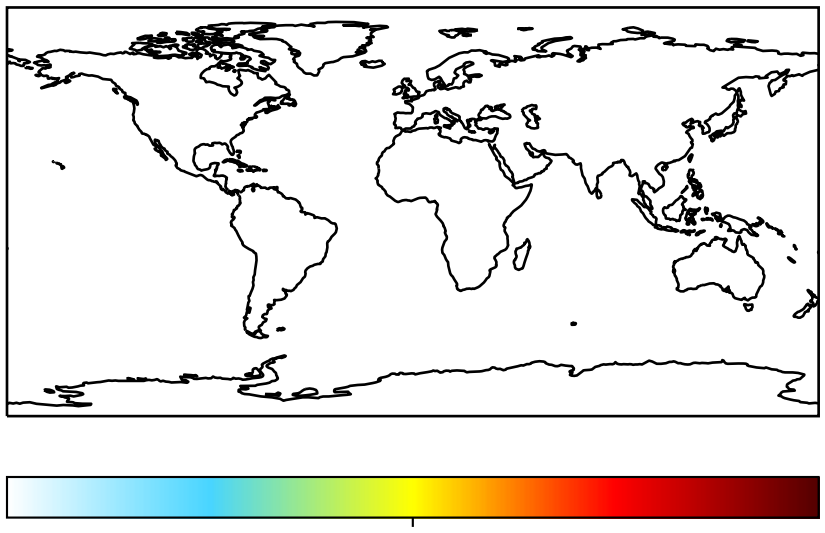


EmisMACR_Total (Jan2019)

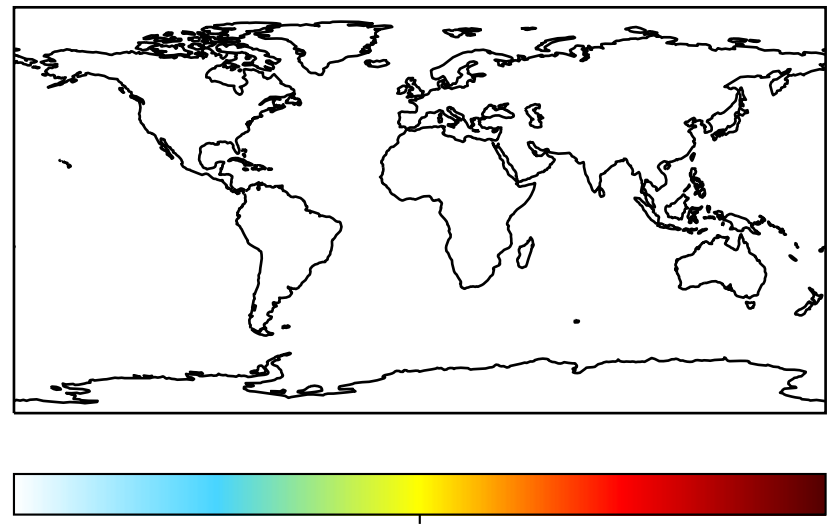


EmisACET_Anthro (Jan2019)

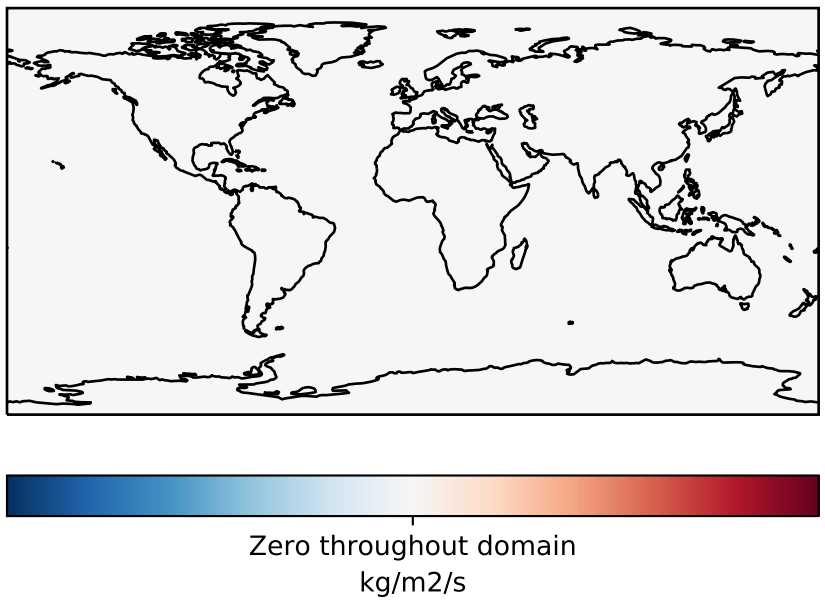
GCC_12.9.0 (Ref)
4.0x5.0



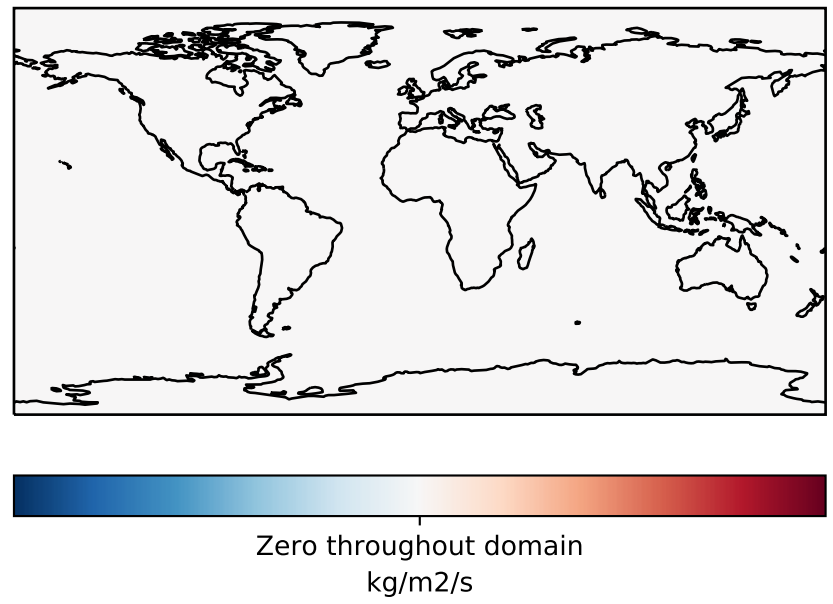
GCC_13.0.0-beta.1 (Dev)
c48



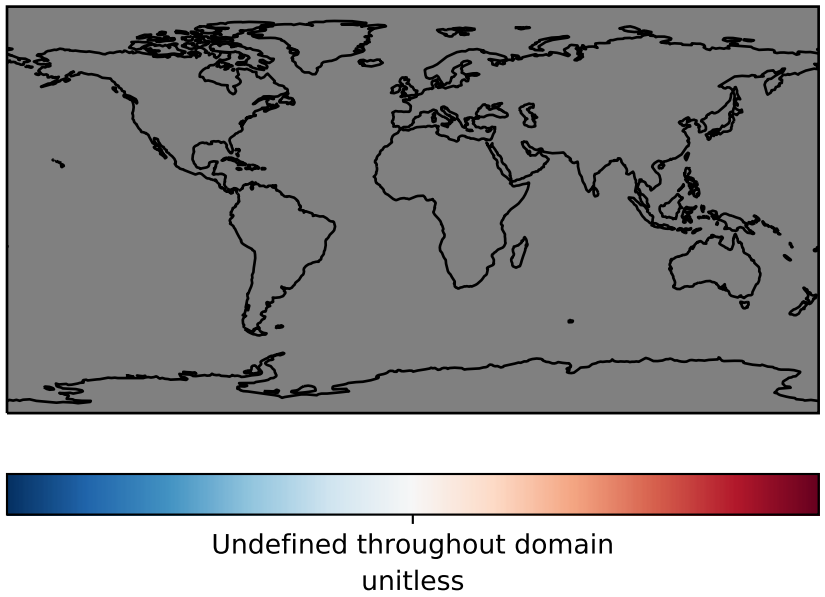
Difference (1x1.25)
Dev - Ref, Dynamic Range



Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range



Ratio (1x1.25)
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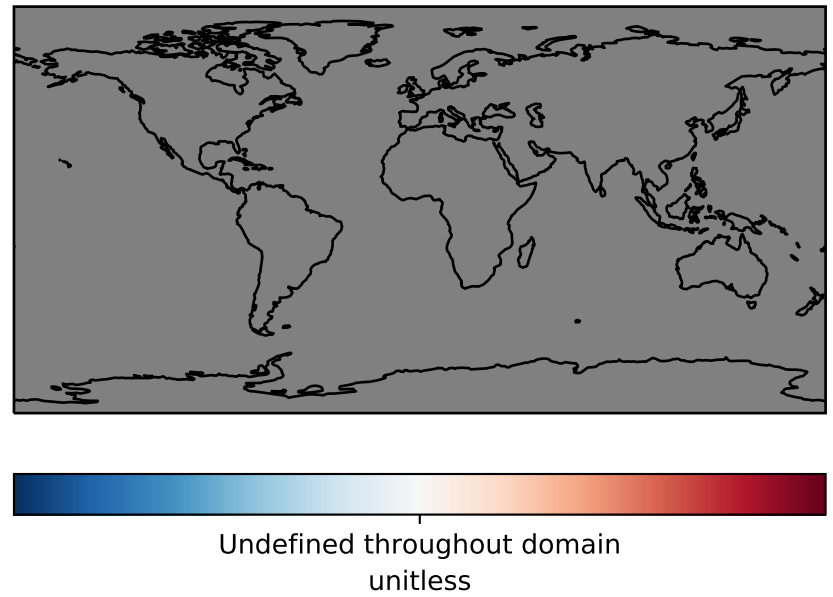
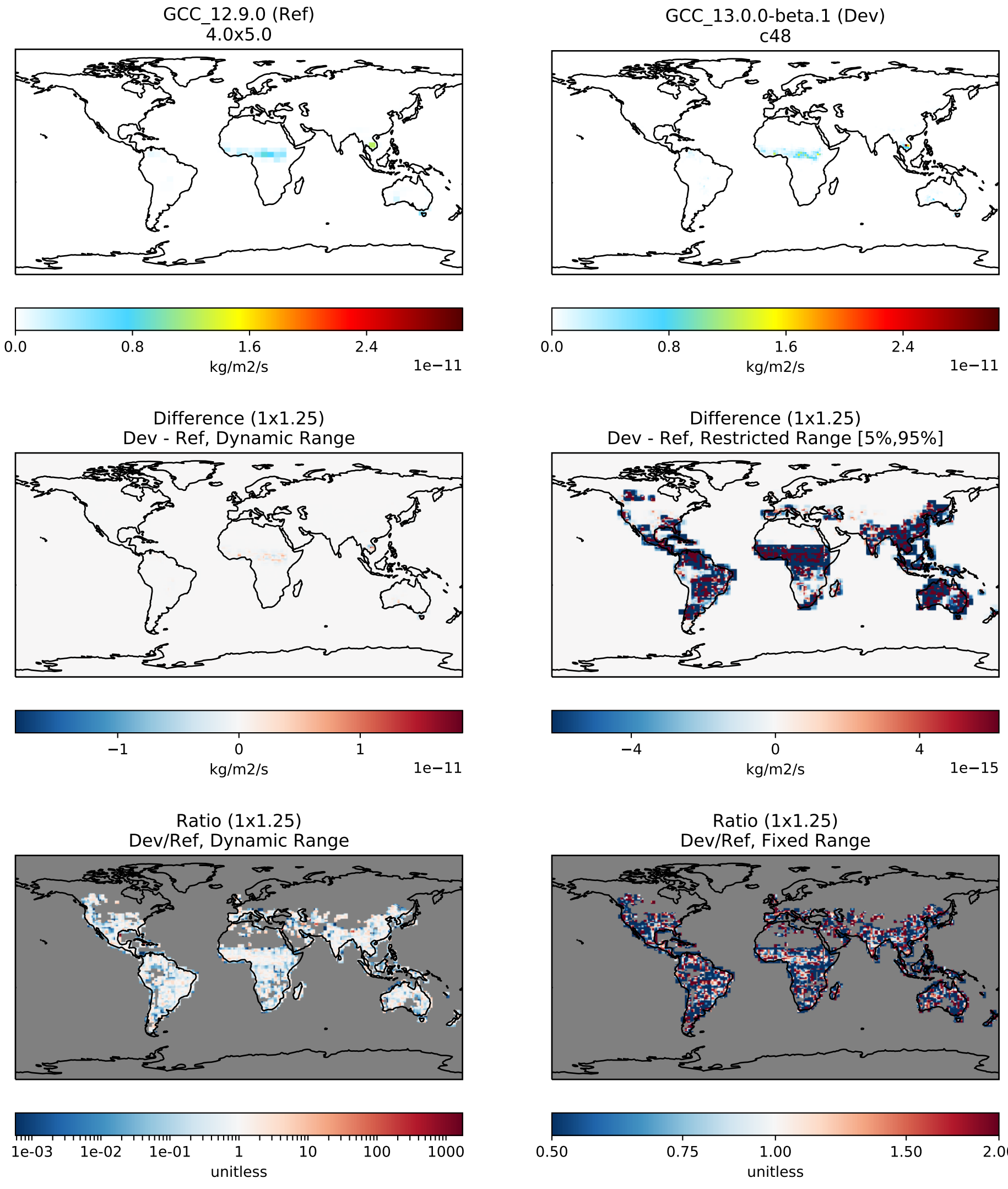
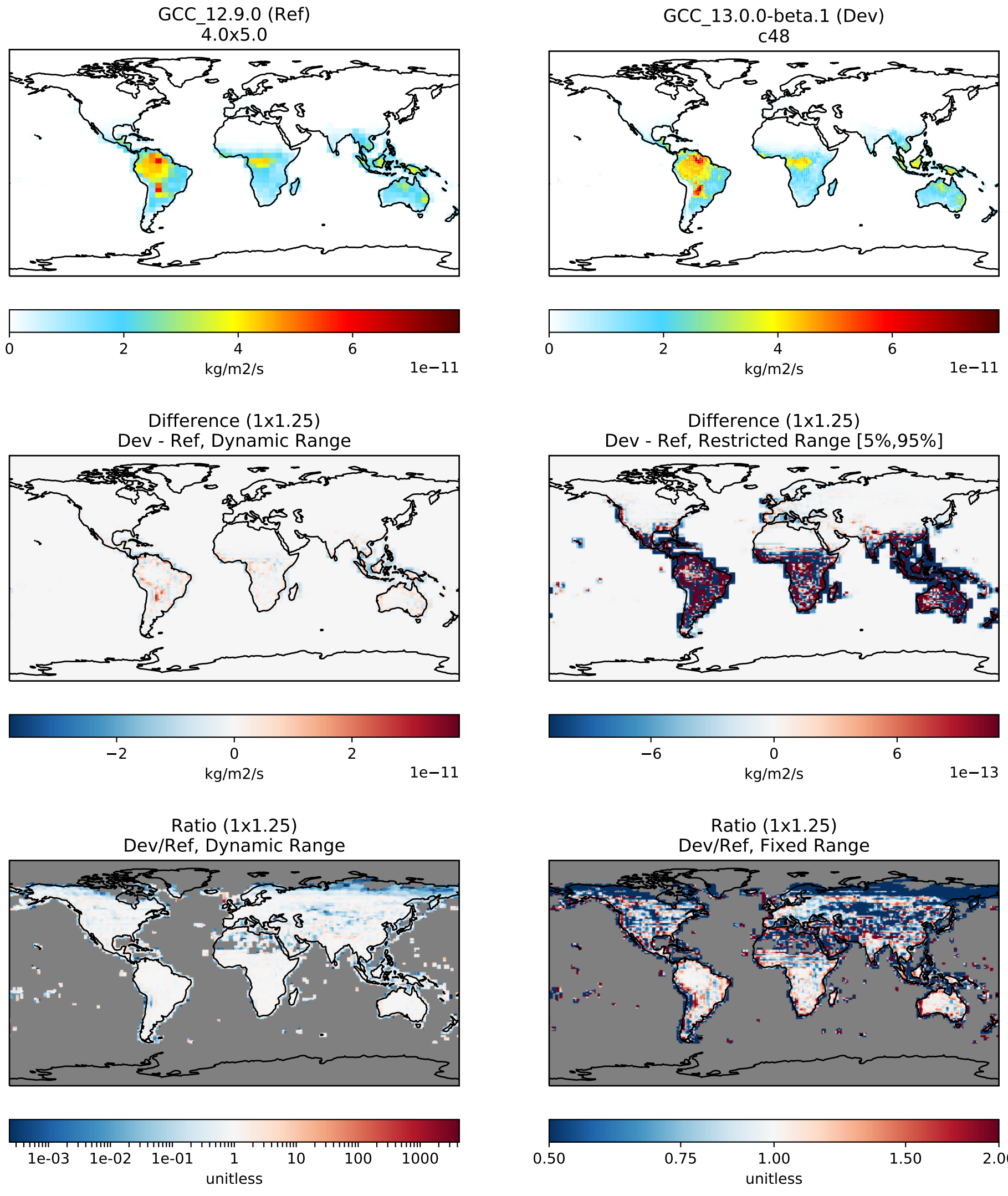


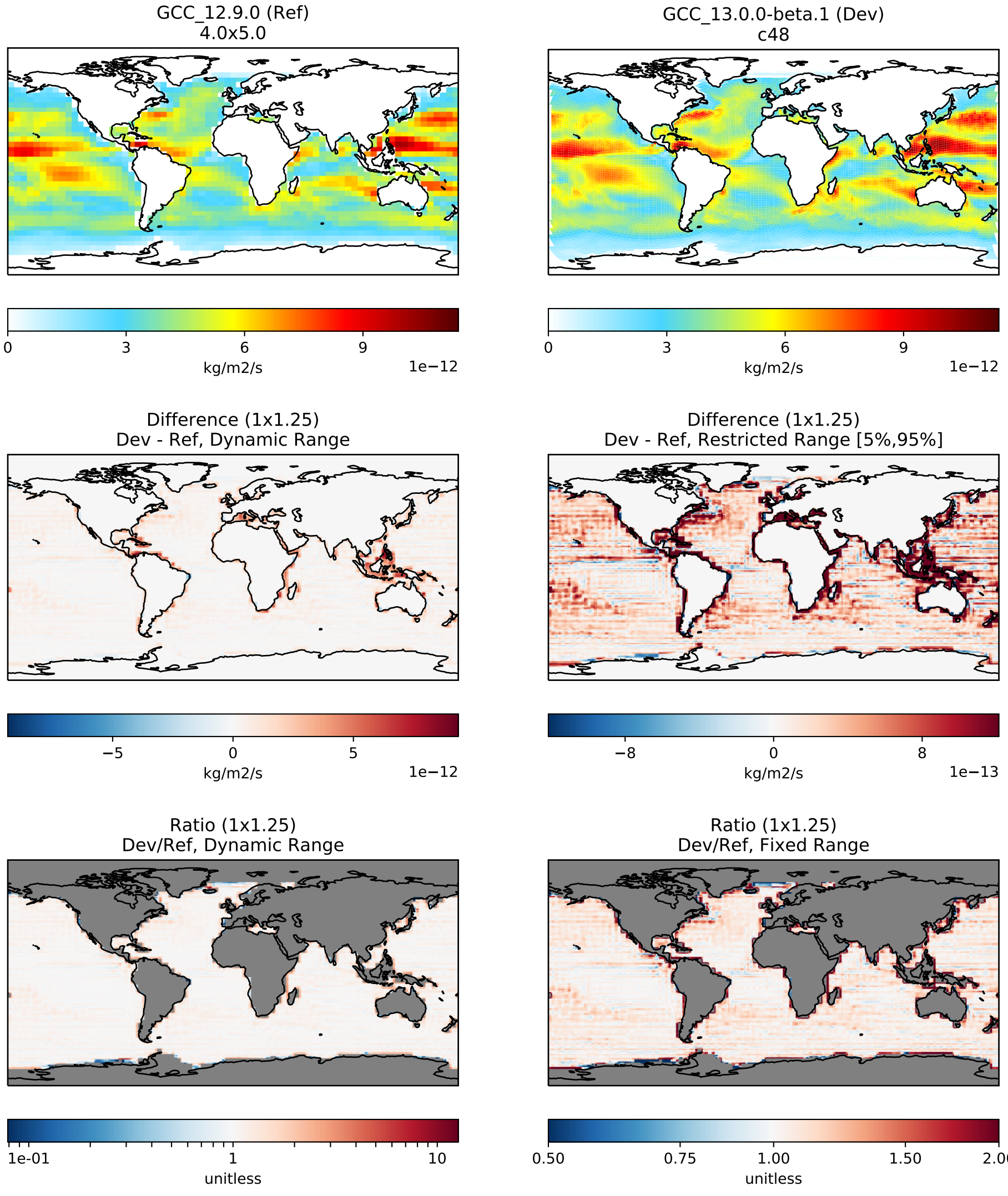
EmisACET_BioBurn (Jan2019)



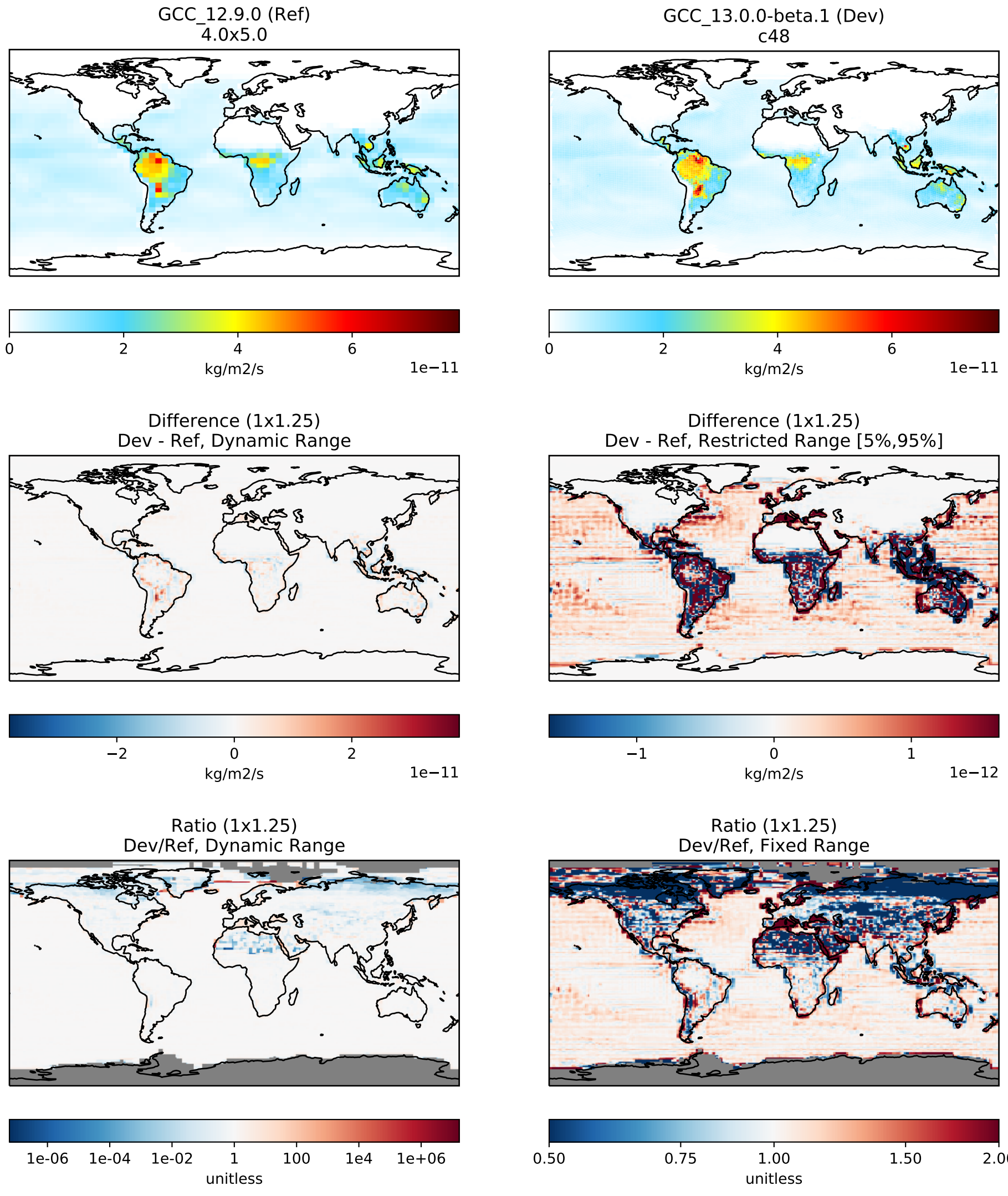
EmisACET_Biogenic (Jan2019)



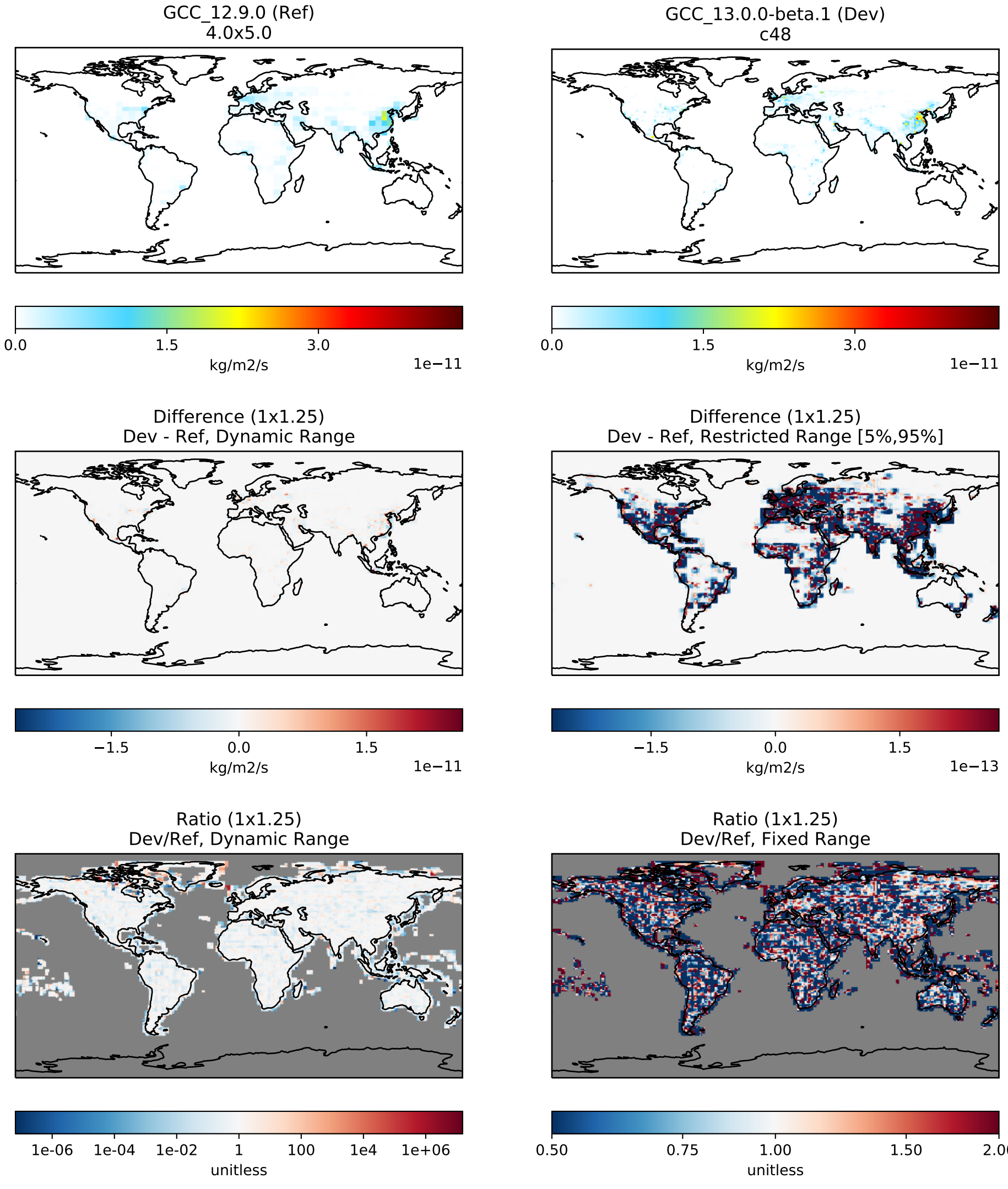
EmisACET_Ocean (Jan2019)



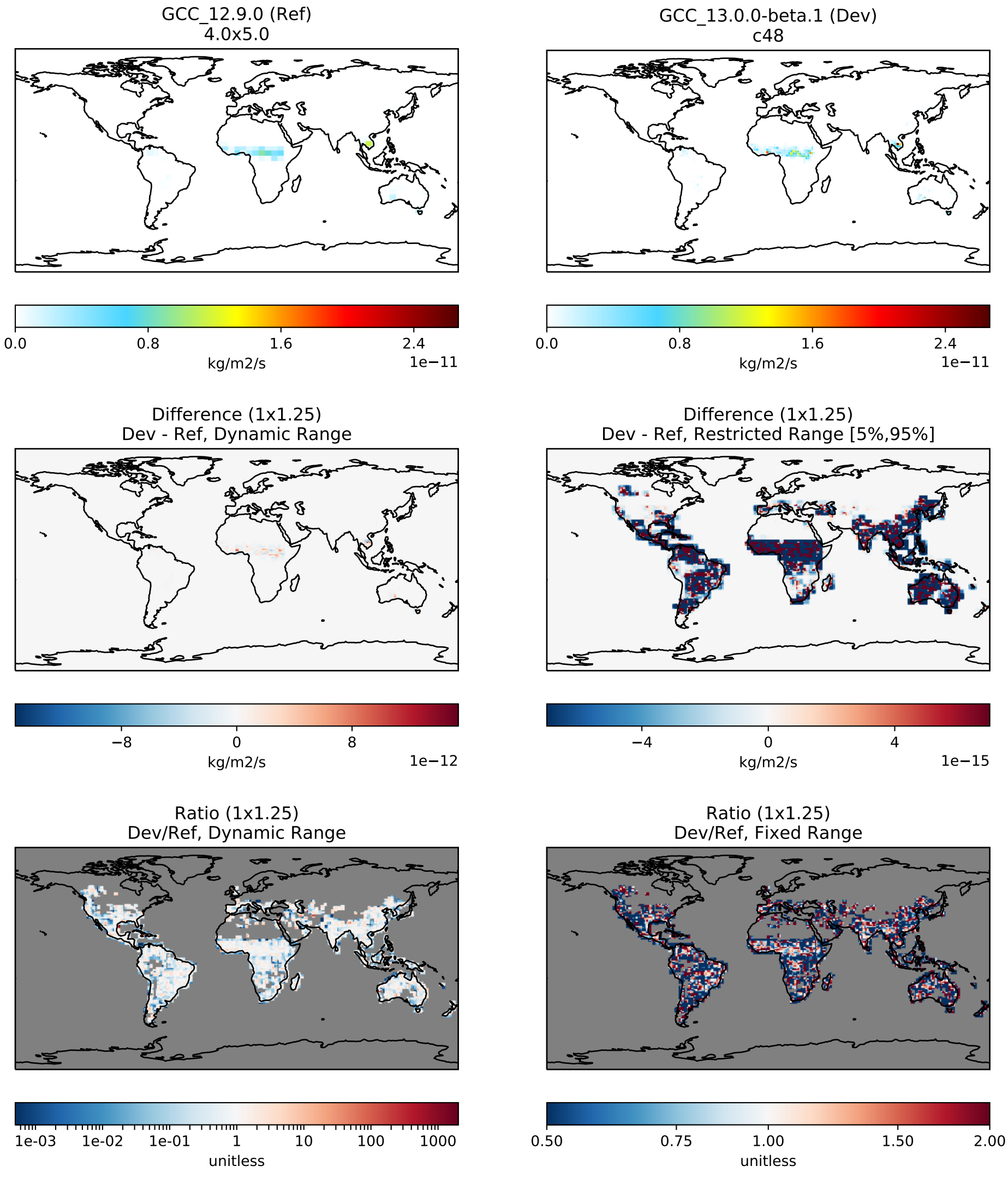
EmisACET_Total (Jan2019)



EmisMEK_Anthro (Jan2019)

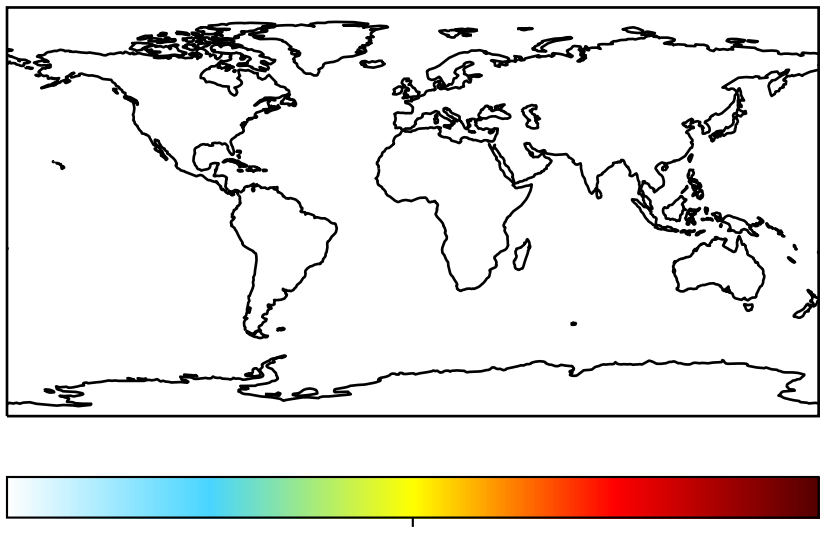


EmisMEK_BioBurn (Jan2019)



EmisMEK_Ship (Jan2019)

GCC_12.9.0 (Ref)
4.0x5.0



Zero throughout domain
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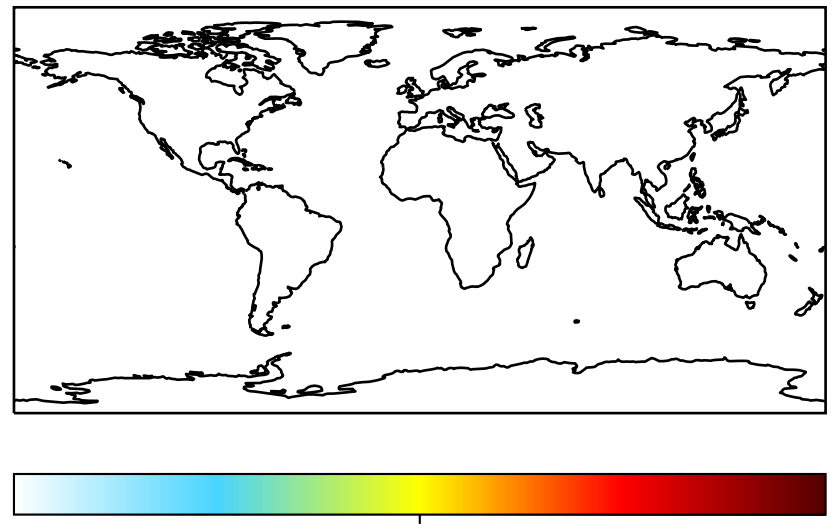
GCC_13.0.0-beta.1 (Dev)
c48



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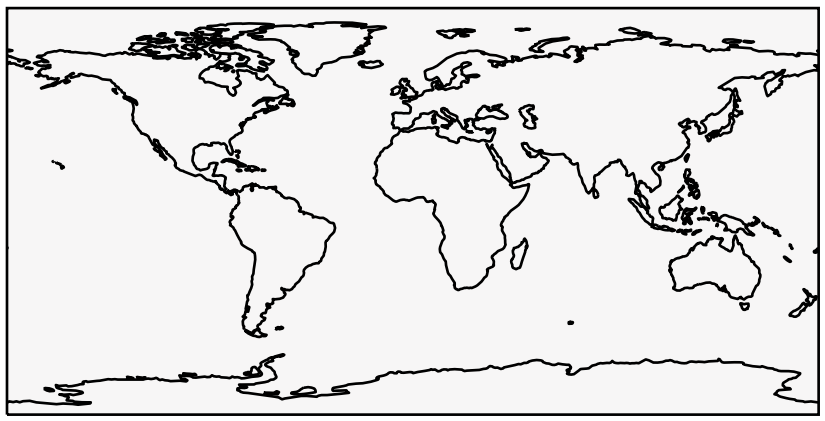
Difference (1x1.25)
Dev - Ref, Dynamic Range



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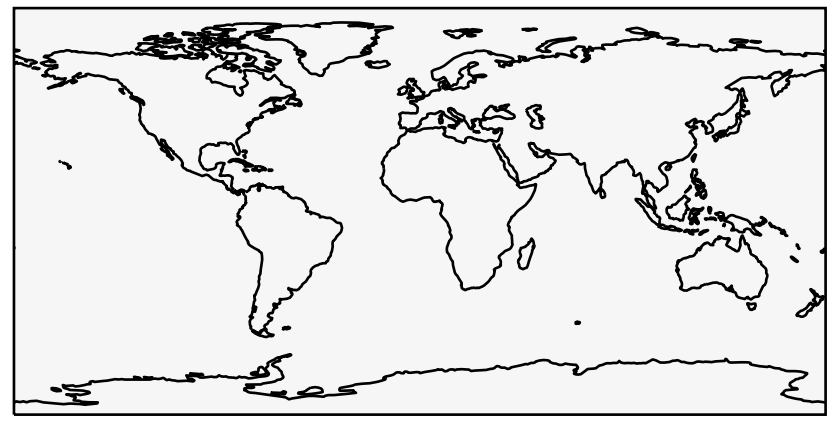
kg/m2/s

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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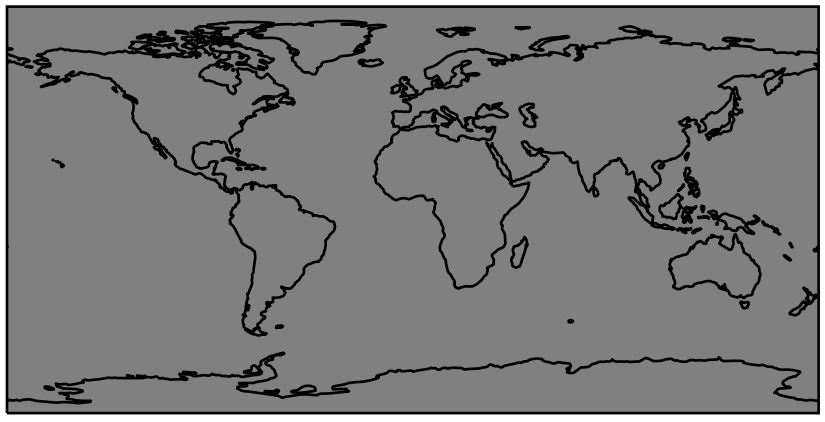
kg/m2/s

Ratio (1x1.25)
Dev/Ref, Dynamic Range



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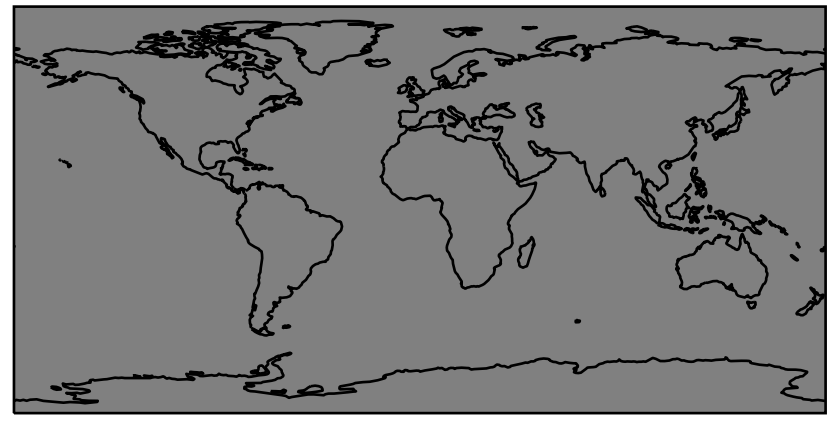
Ratio (1x1.25)
Dev/Ref, Fixed Range



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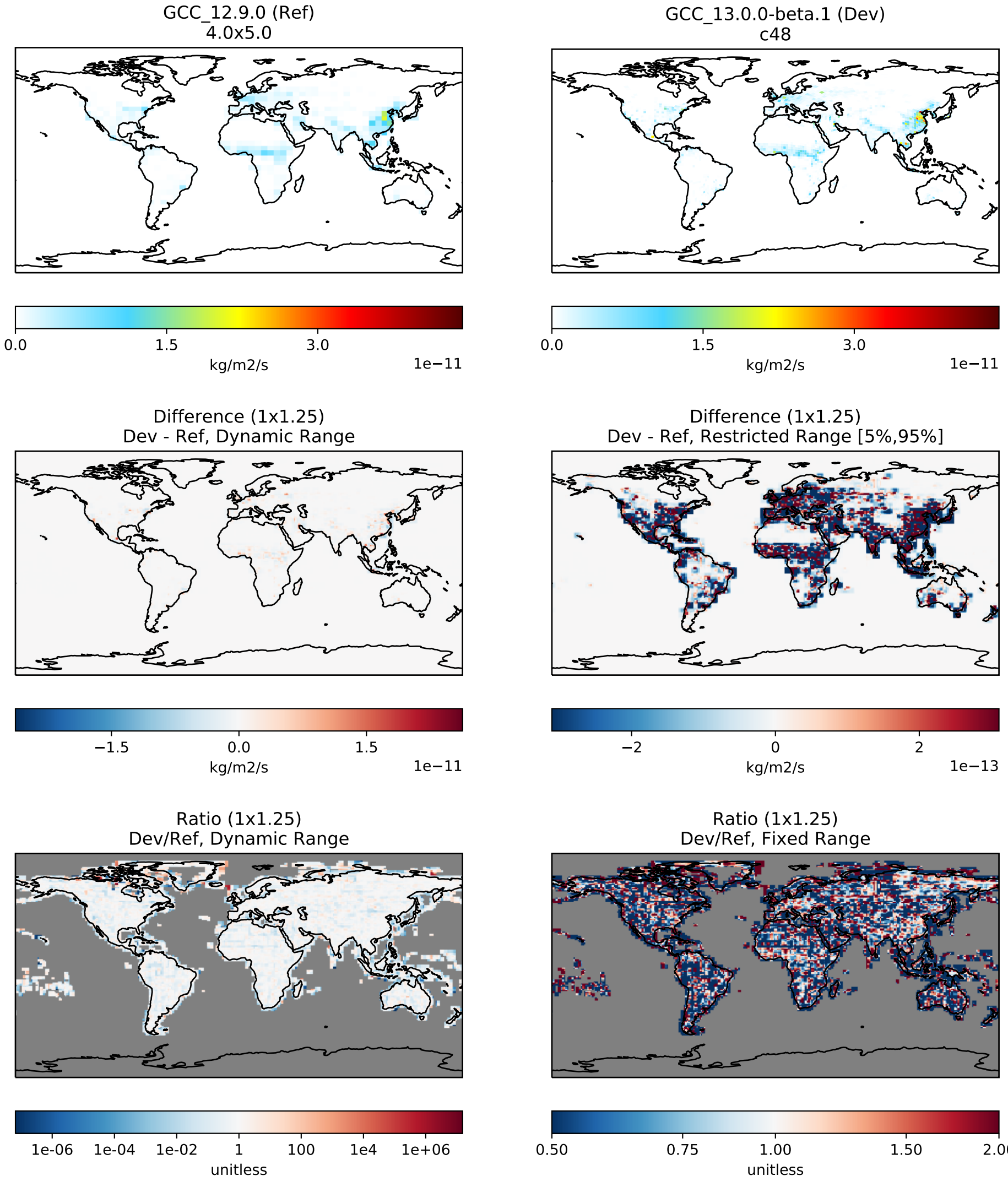
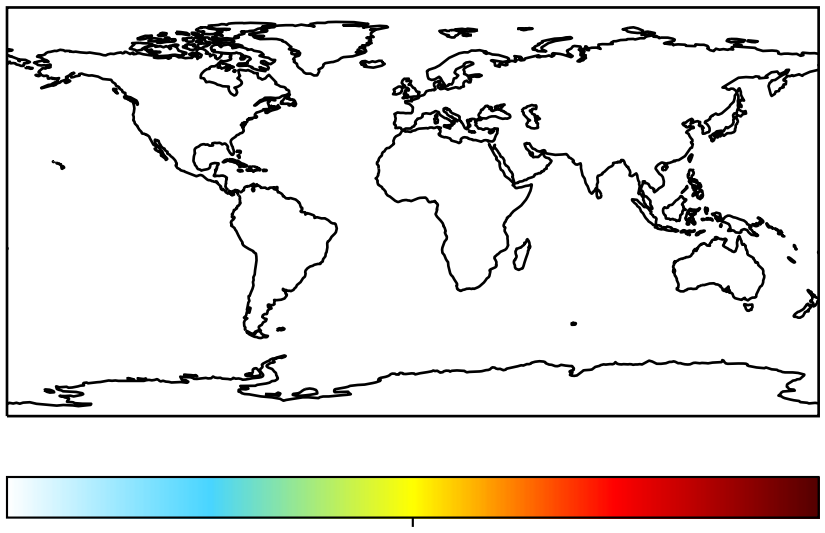
EmisMEK_Total (Jan2019)

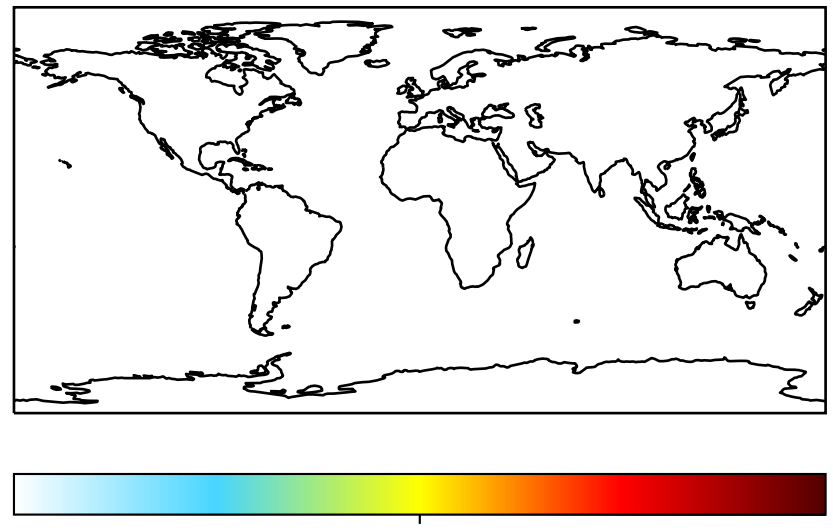


EmisMVK_Anthro (Jan2019)

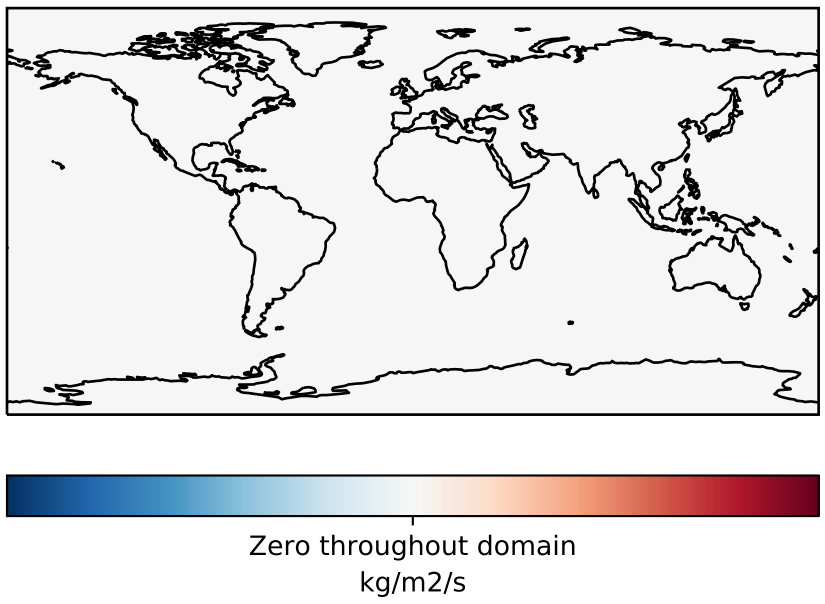
GCC_12.9.0 (Ref)
4.0x5.0



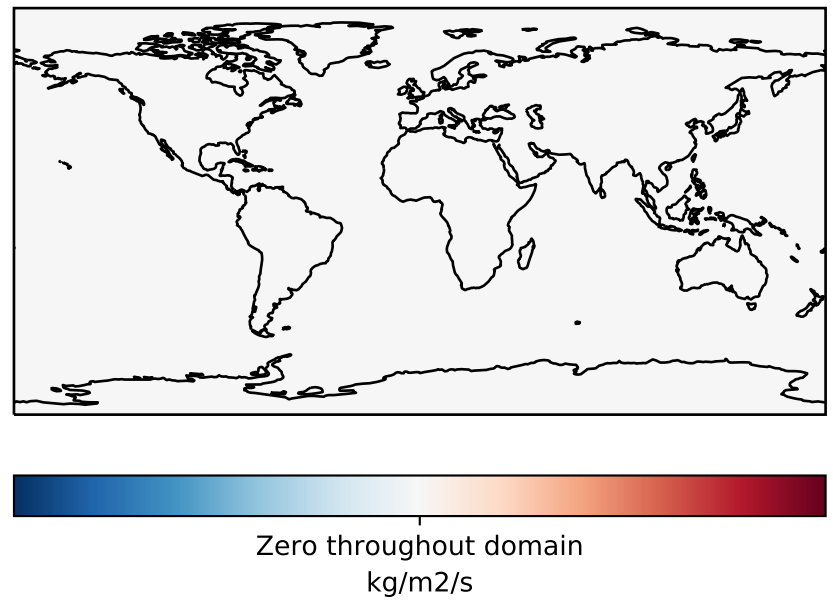
GCC_13.0.0-beta.1 (Dev)
c48



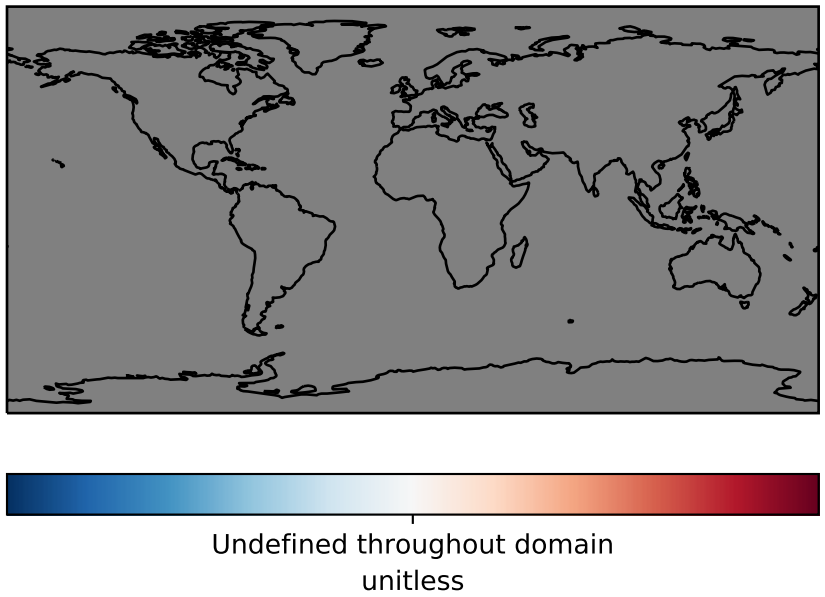
Difference (1x1.25)
Dev - Ref, Dynamic Range



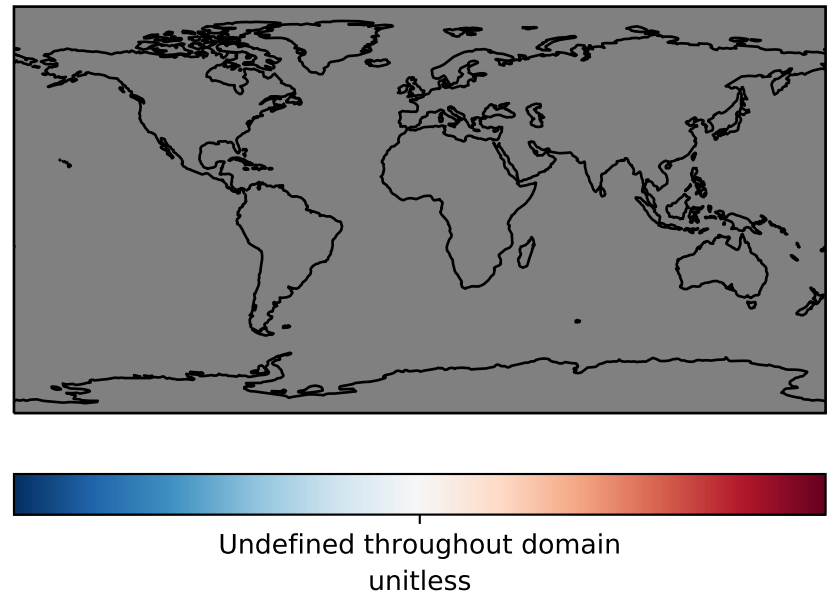
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



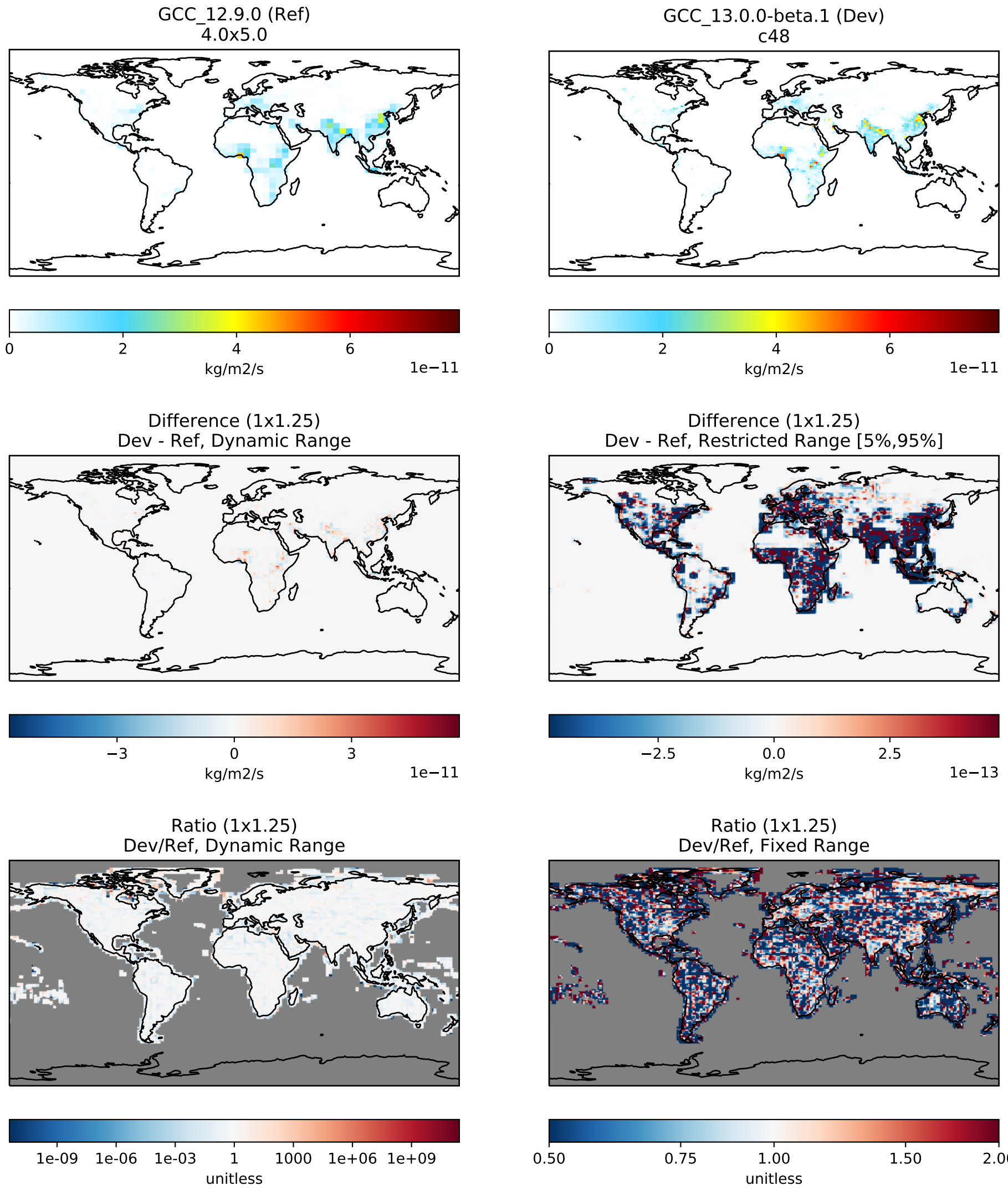
Ratio (1x1.25)
Dev/Ref, Dynamic Range



Ratio (1x1.25)
Dev/Ref, Fixed Range

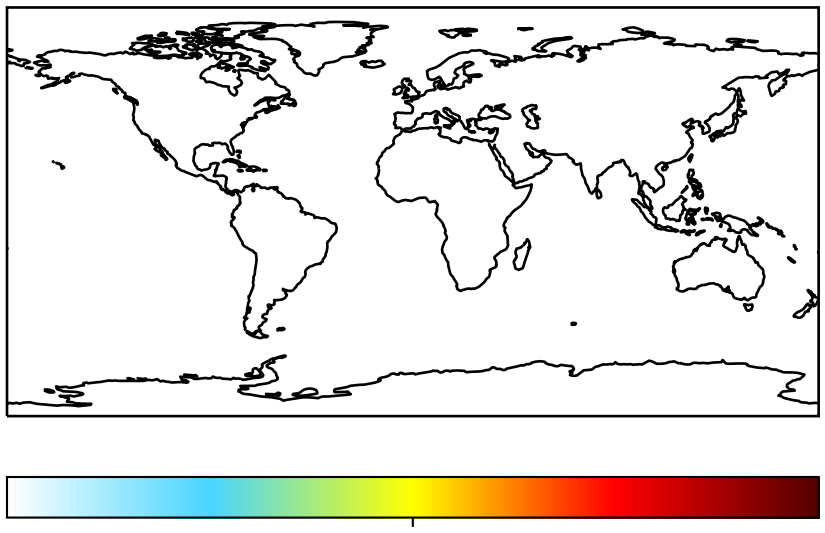


EmisHCOOH_Anthro (Jan2019)



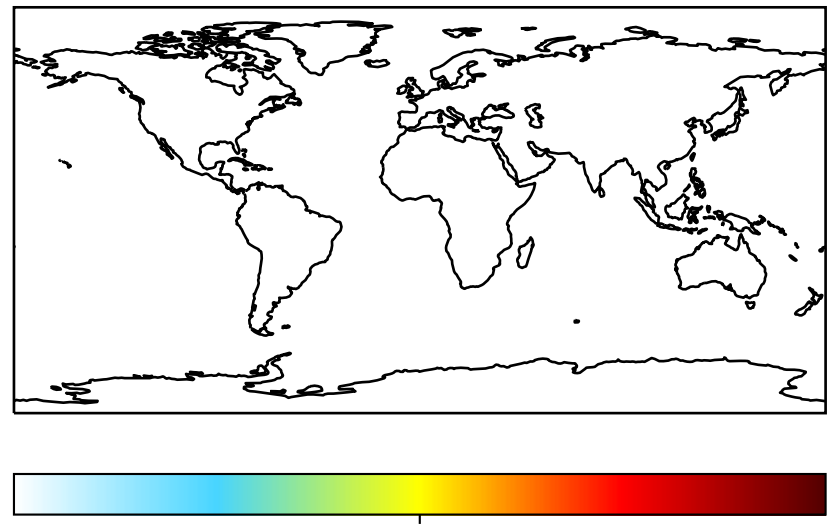
EmisHCOOH_Ship (Jan2019)

GCC_12.9.0 (Ref)
4.0x5.0



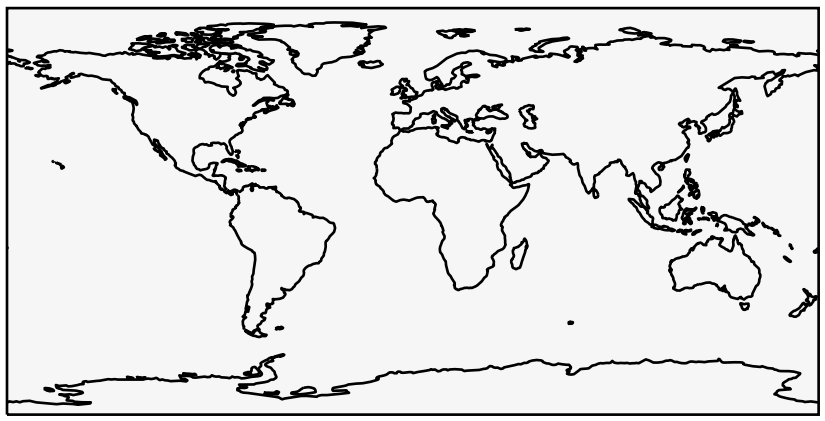
Zero throughout domain
kg/m2/s

GCC_13.0.0-beta.1 (Dev)
c48



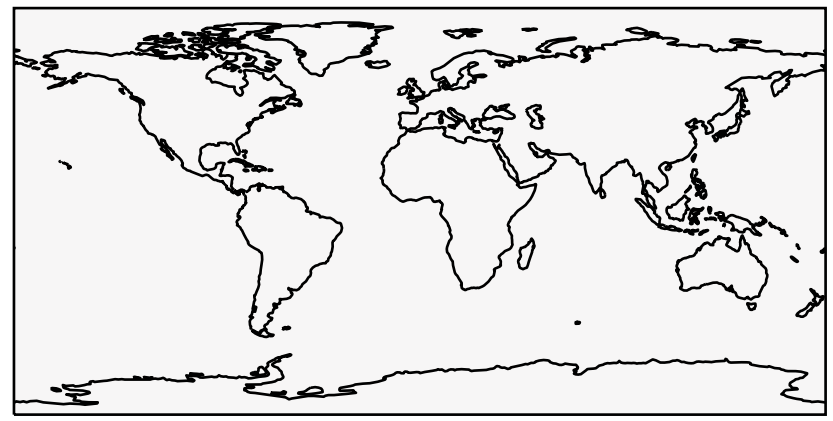
Zero throughout domain
kg/m2/s

Difference (1x1.25)
Dev - Ref, Dynamic Range



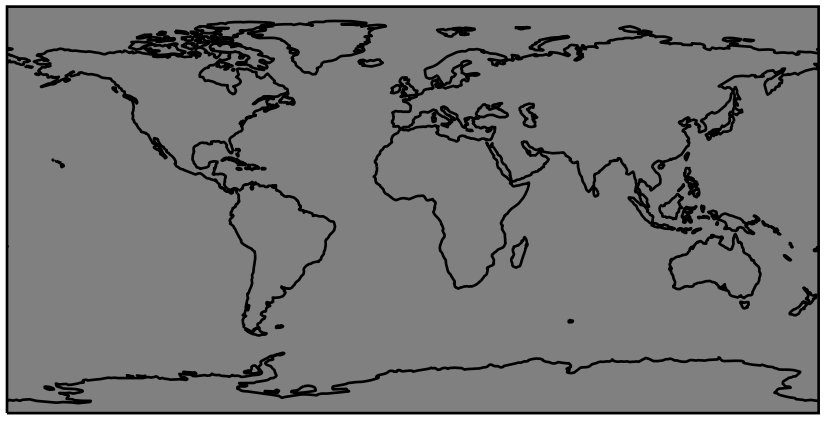
Zero throughout domain
kg/m2/s

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Zero throughout domain
kg/m2/s

Ratio (1x1.25)
Dev/Ref, Dynamic Range



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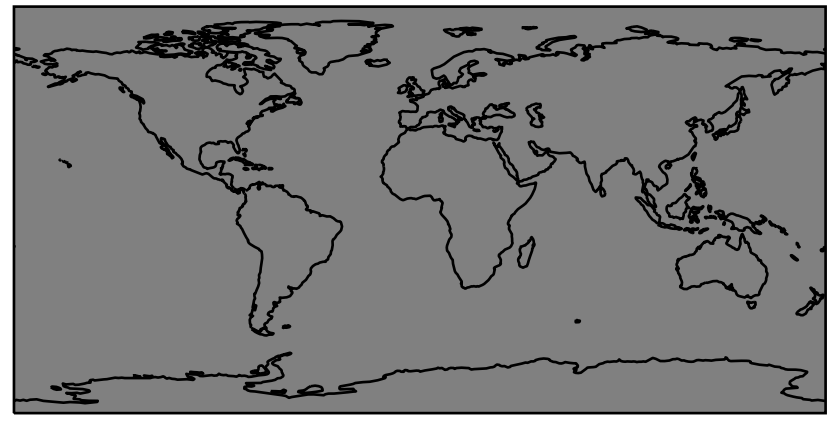
unitless

Ratio (1x1.25)
Dev/Ref, Fixed Range



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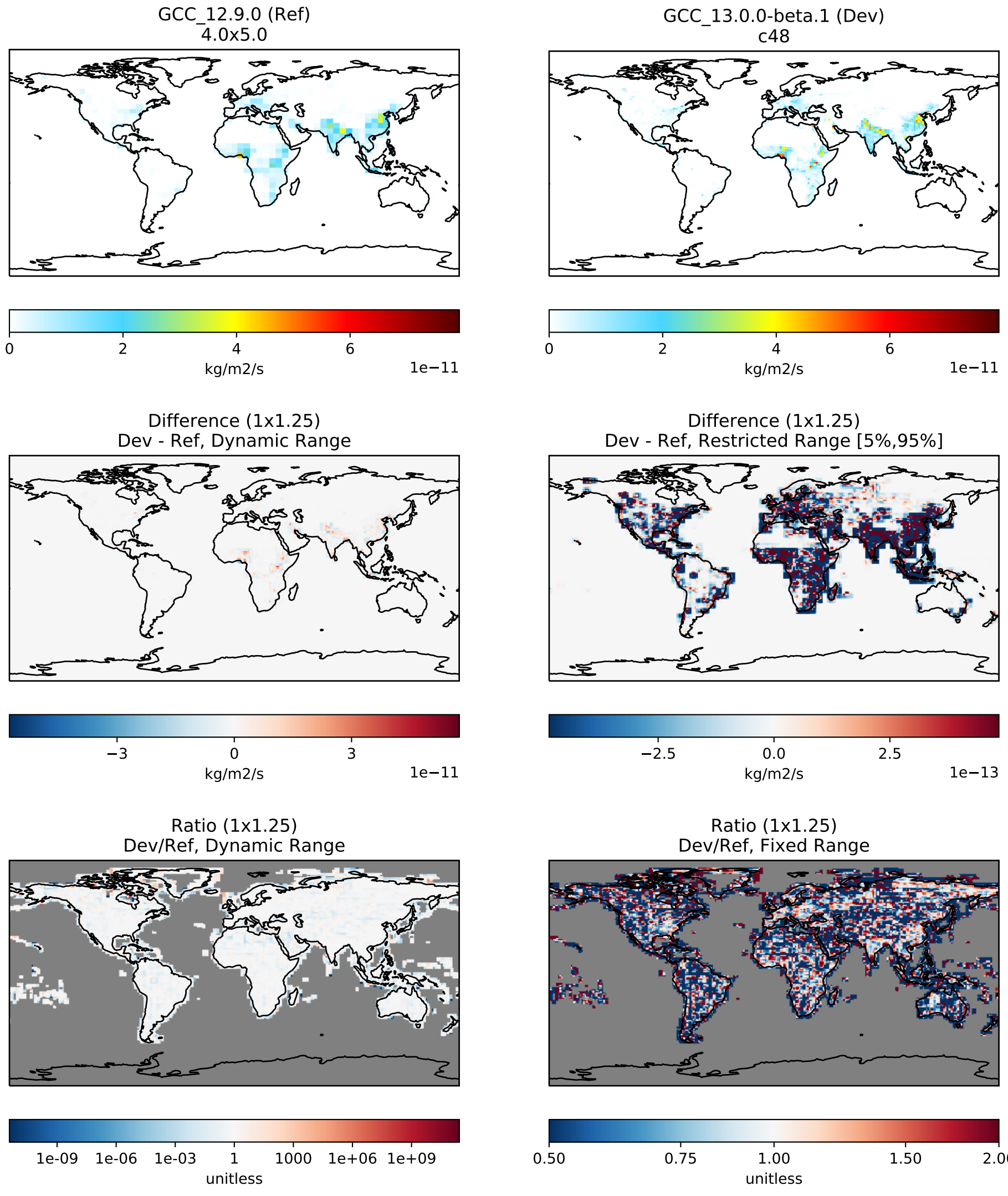
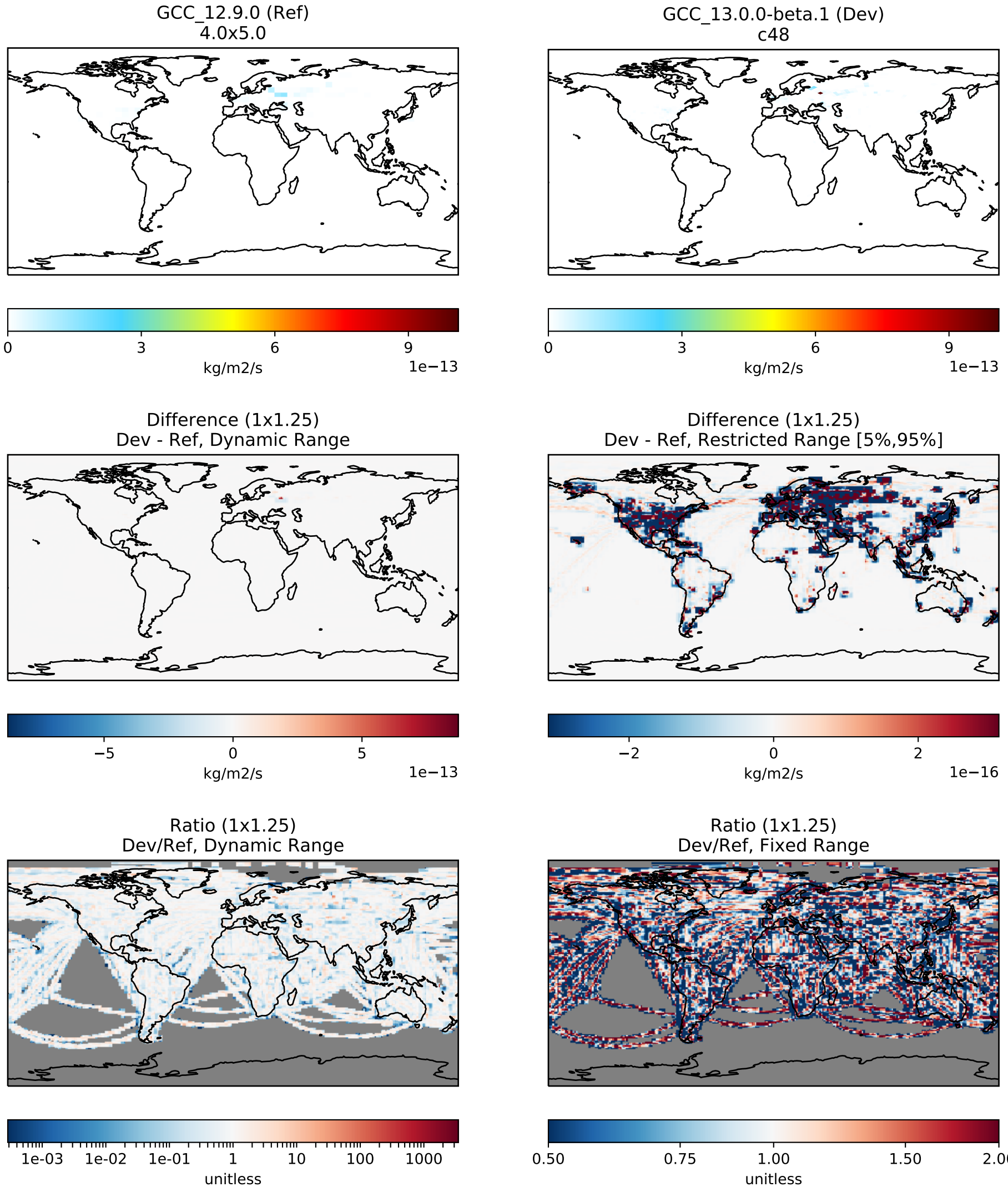
unitless

EmisHCOOH_Total (Jan2019)

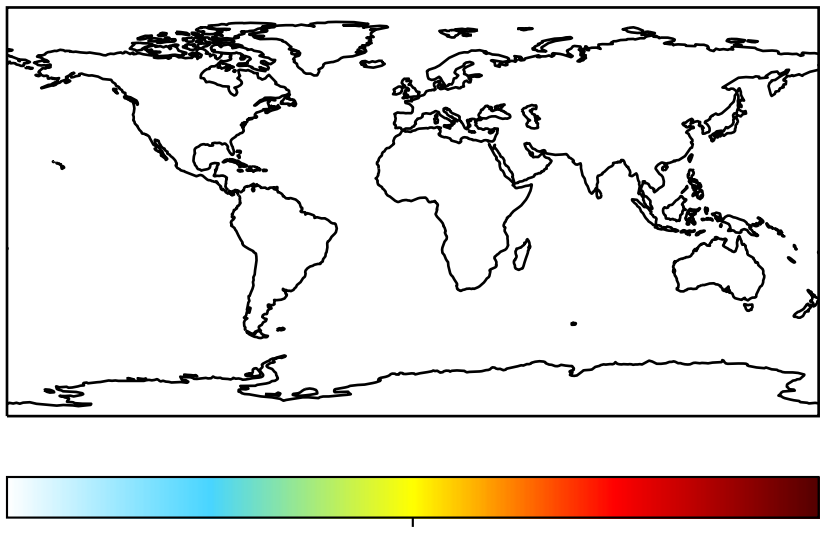


EmisRCHO_Aircraft (Jan2019)

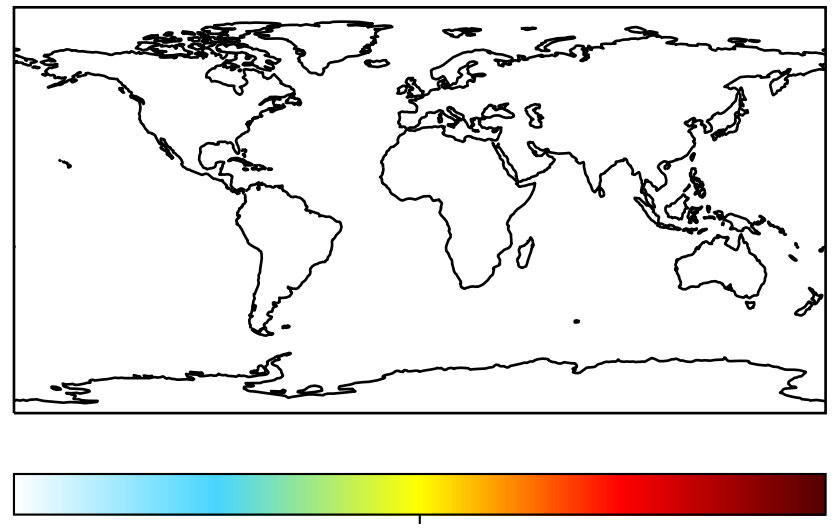


EmisRCHO_Anthro (Jan2019)

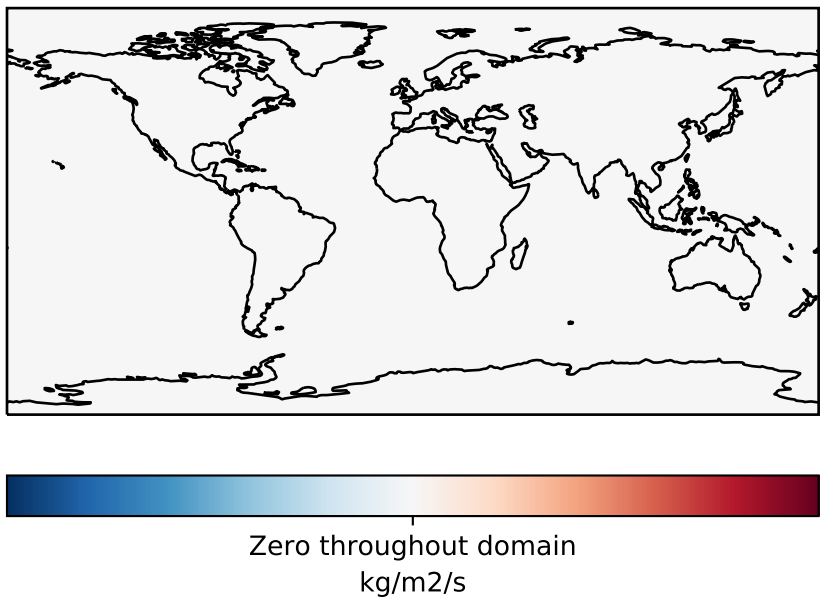
GCC_12.9.0 (Ref)
4.0x5.0



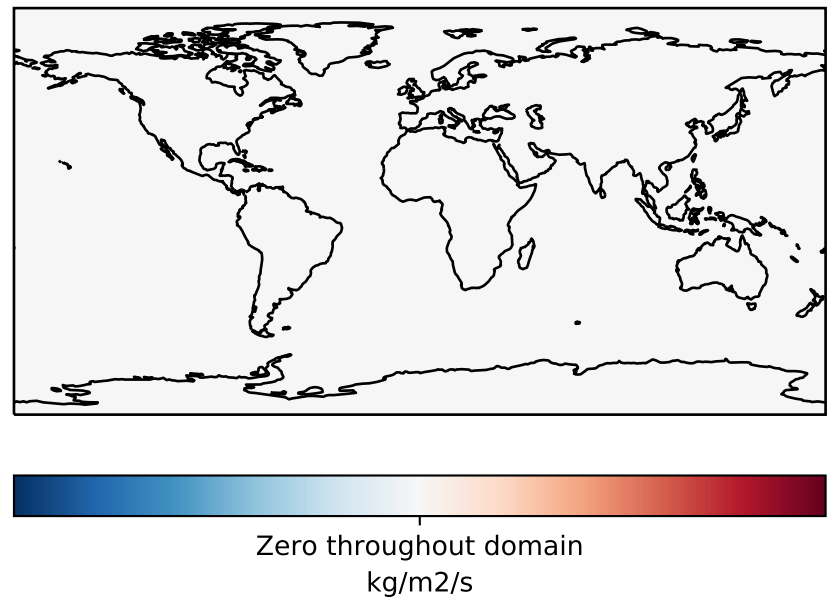
GCC_13.0.0-beta.1 (Dev)
c48



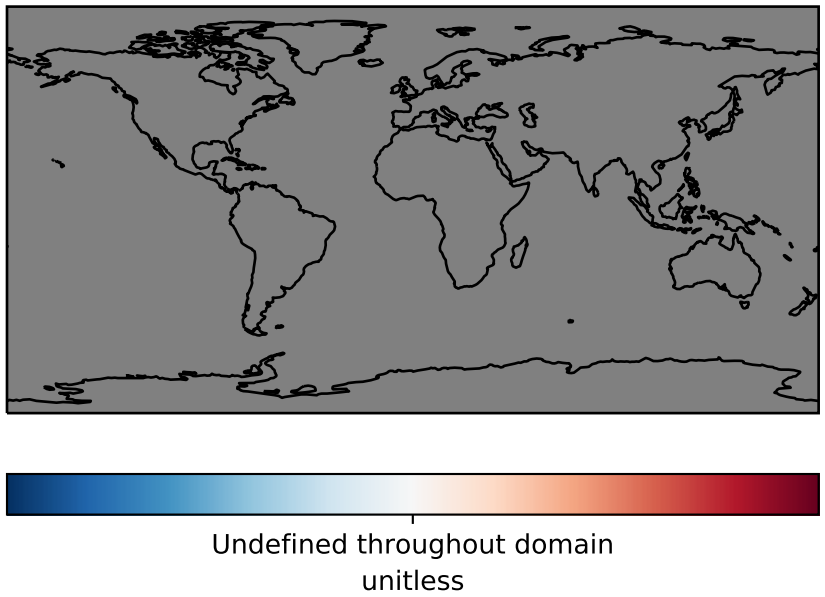
Difference (1x1.25)
Dev - Ref, Dynamic Range



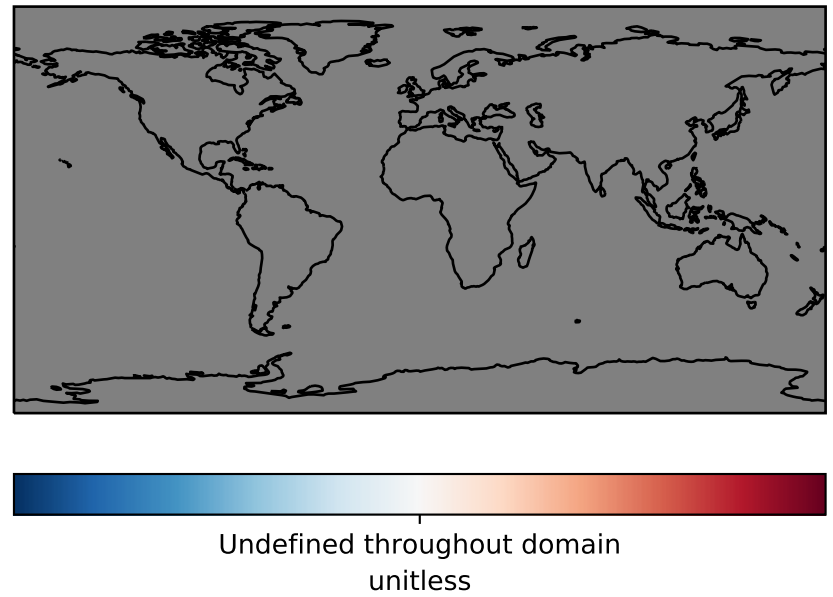
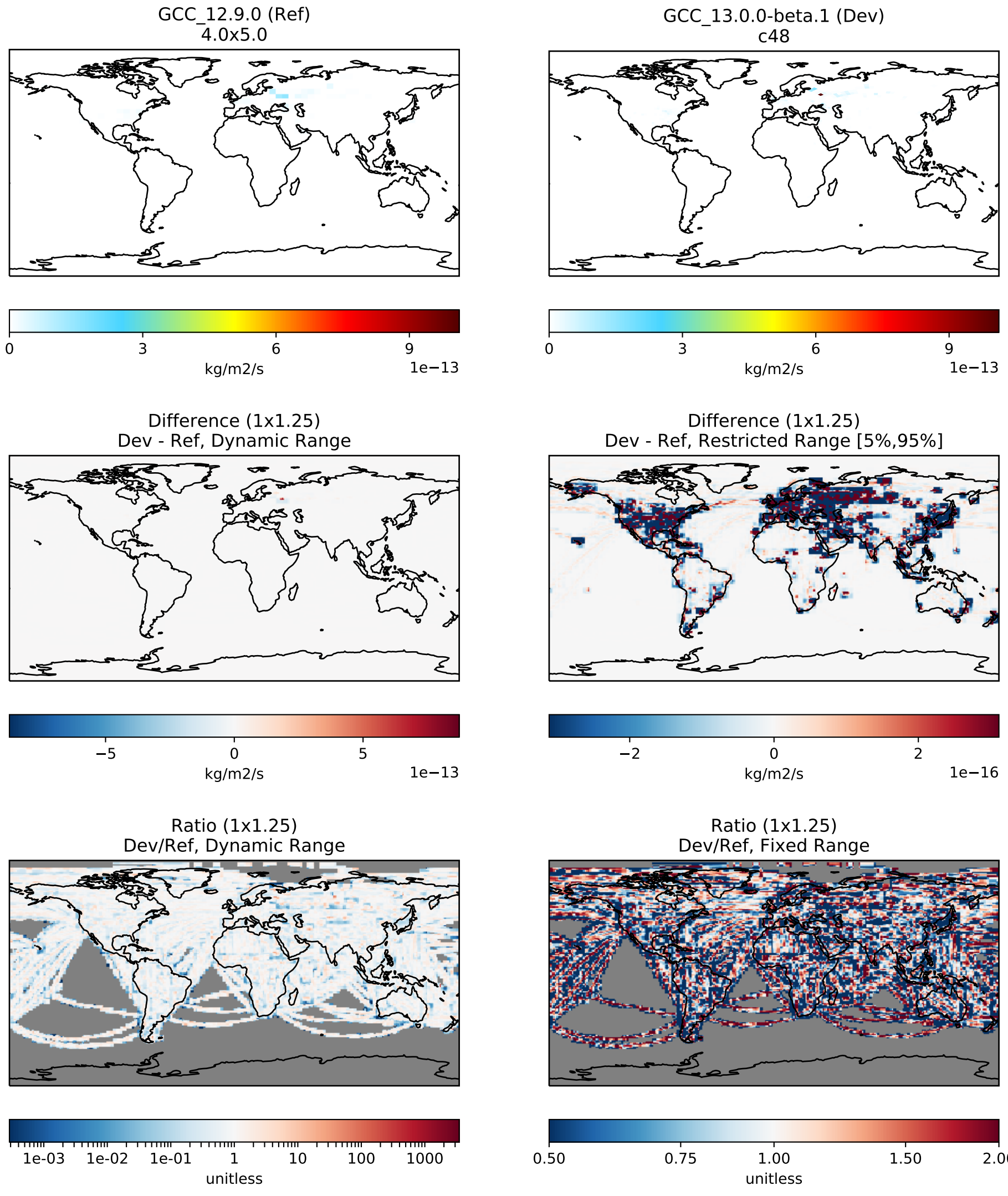
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range



Ratio (1x1.25)
Dev/Ref, Fixed Range



EmisRCHO_Total (Jan2019)