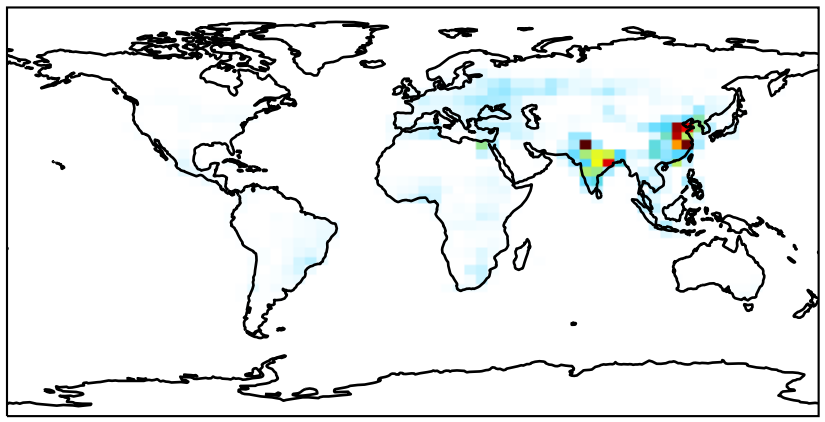
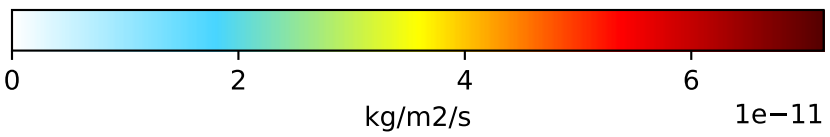
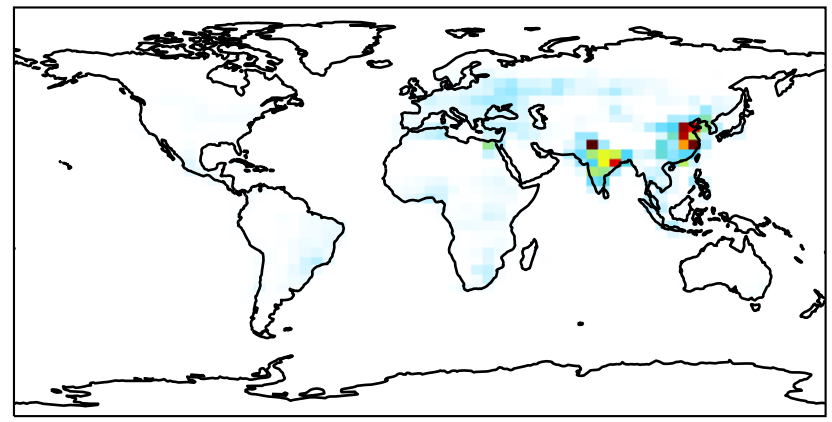
EmisDST1_Anthro (Oct2019)

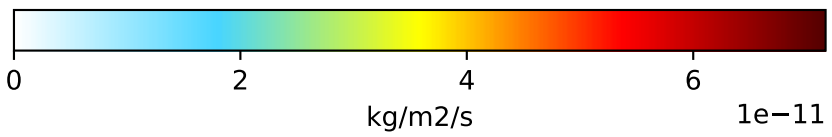
GCC_13.2.0 (Ref)
4.0x5.0



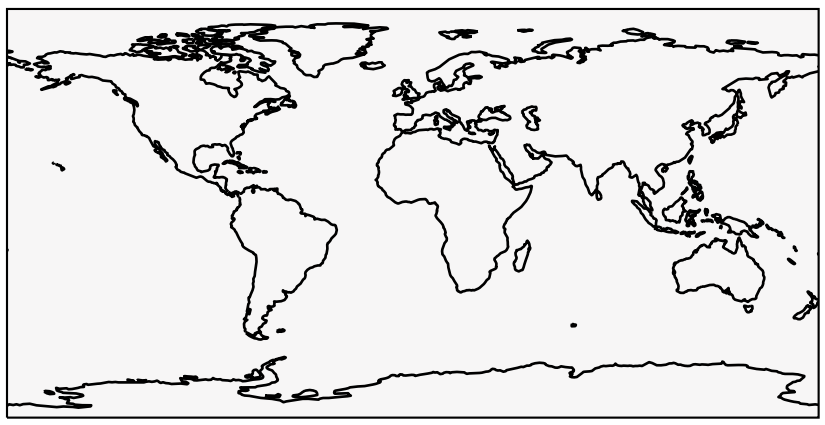


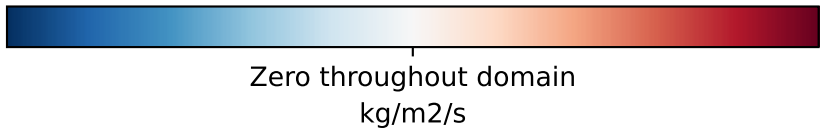
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



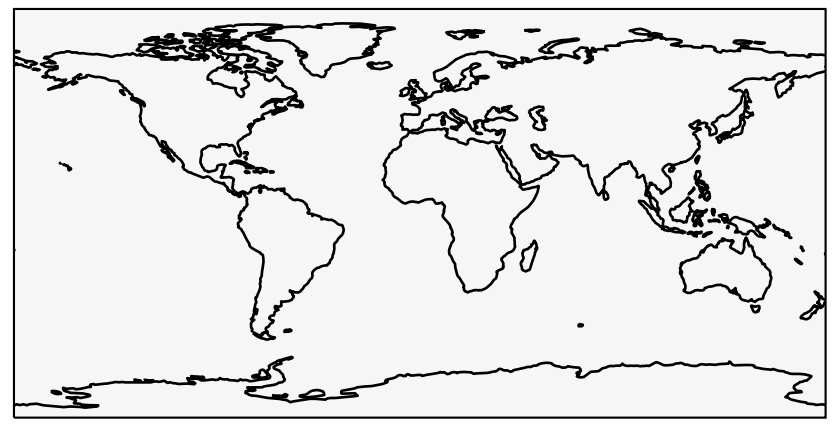


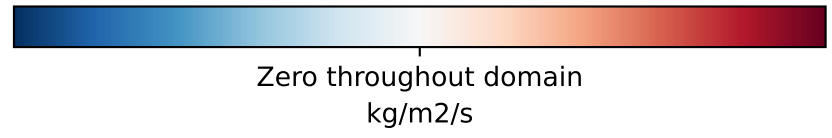
Difference
Dev - Ref, Dynamic Range



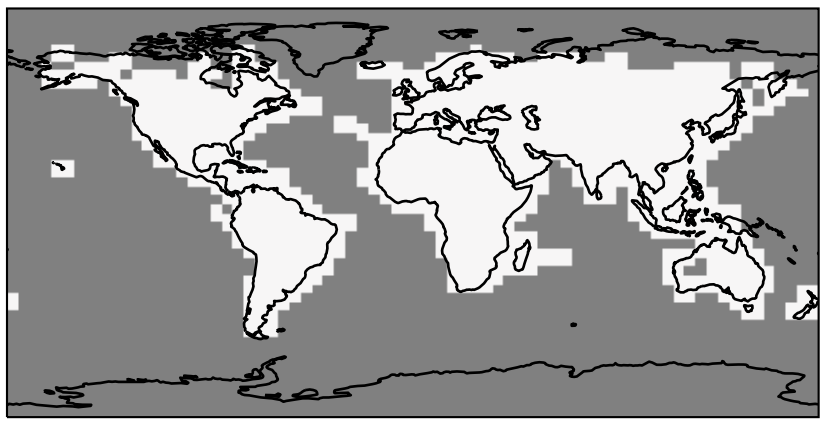


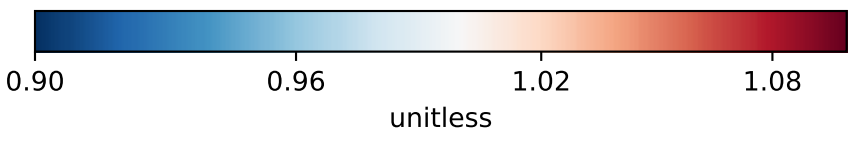
Difference
Dev - Ref, Restricted Range [5%,95%]



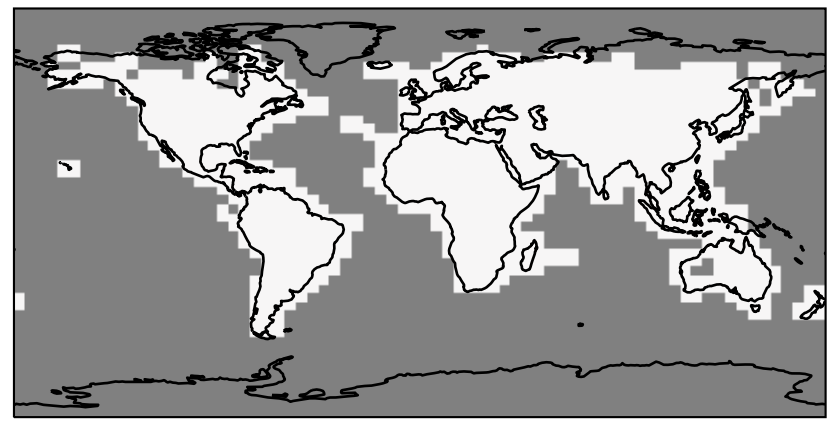


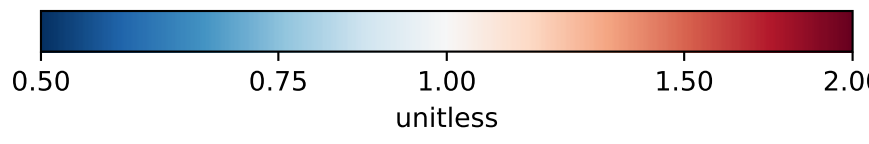
Ratio
Dev/Ref, Dynamic Range





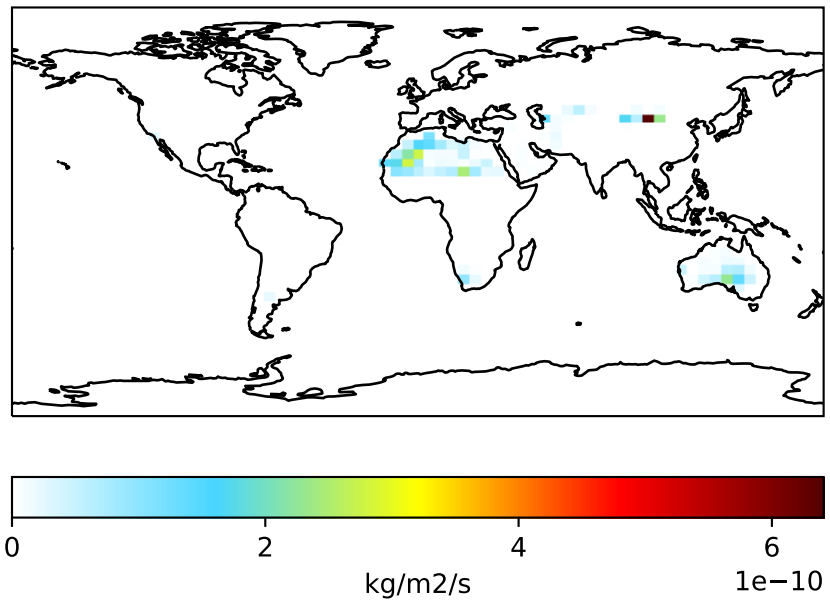
Ratio
Dev/Ref, Fixed Range



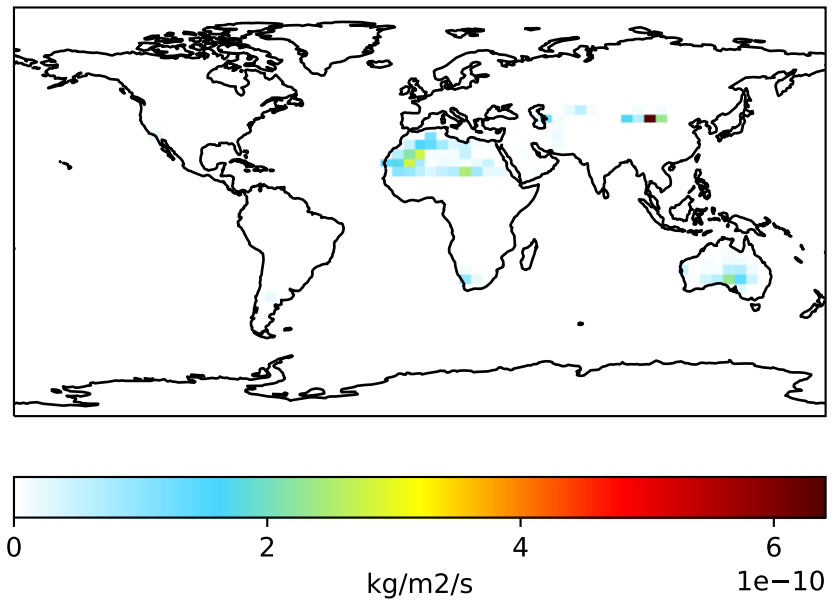


EmisDST1_Natural (Oct2019)

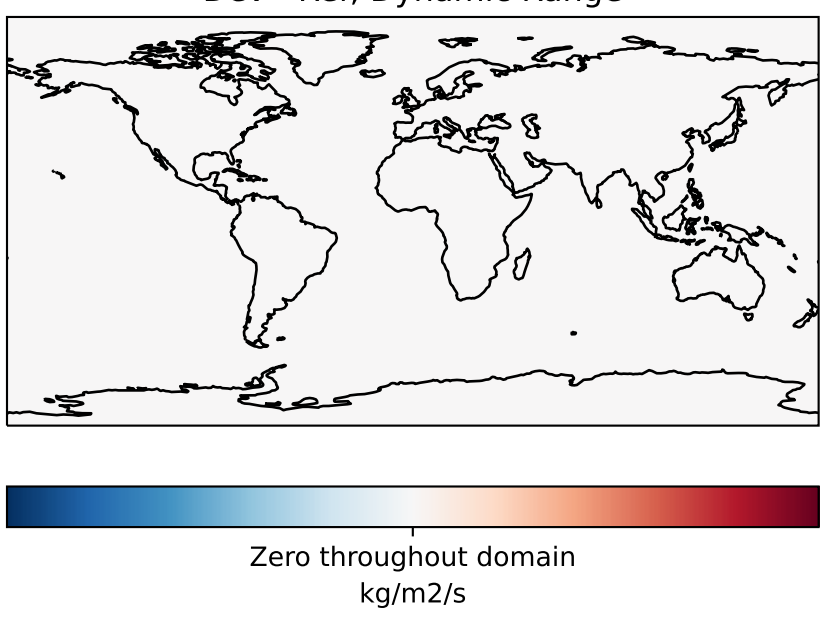
GCC_13.2.0 (Ref)
4.0x5.0



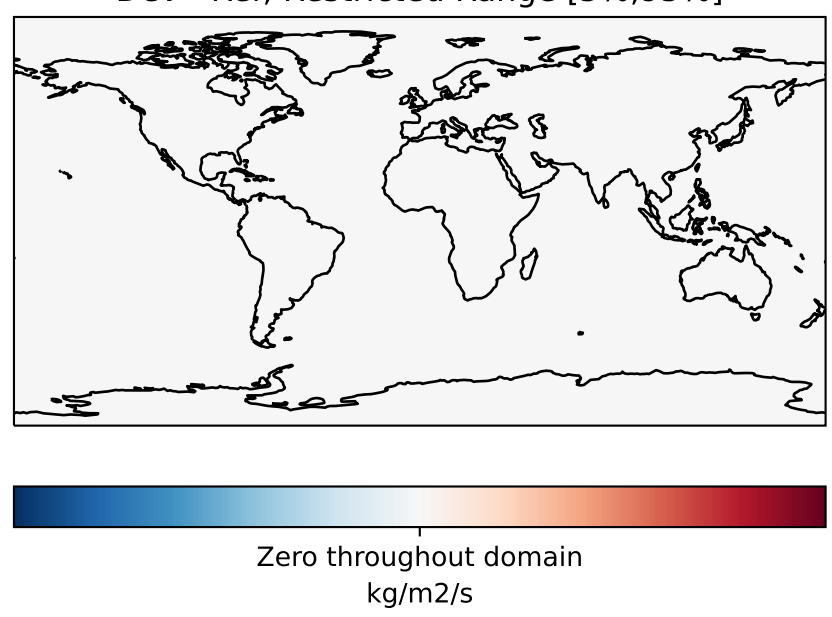
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



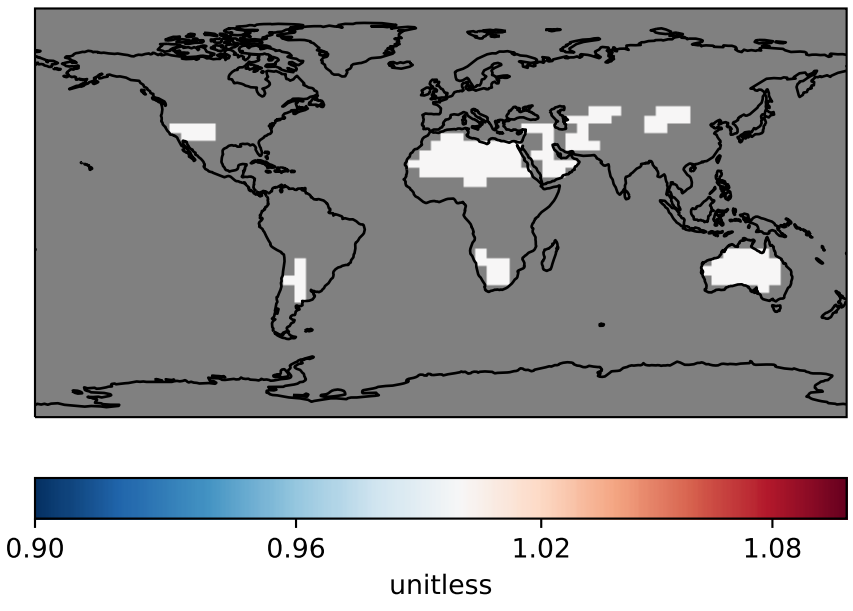
Difference
Dev - Ref, Dynamic Range



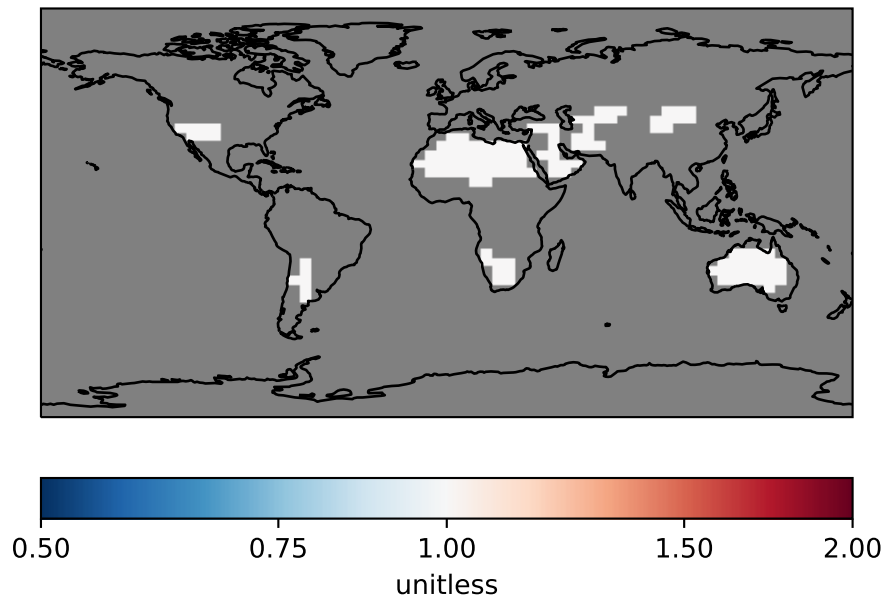
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

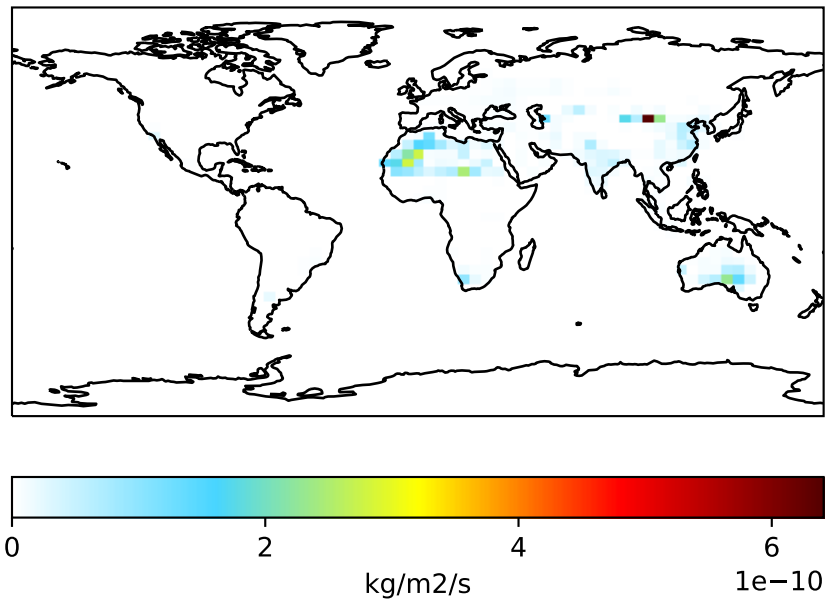


Ratio
Dev/Ref, Fixed Range

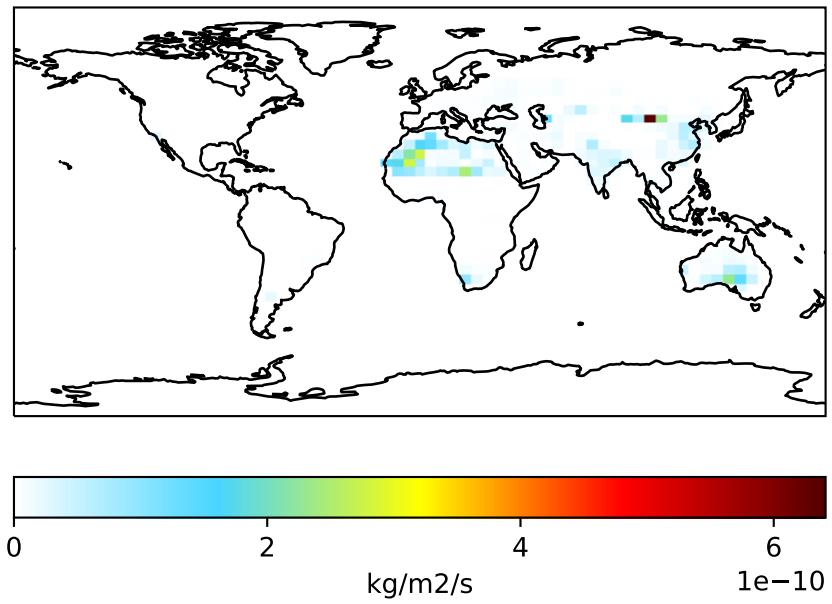


EmisDST1_Total (Oct2019)

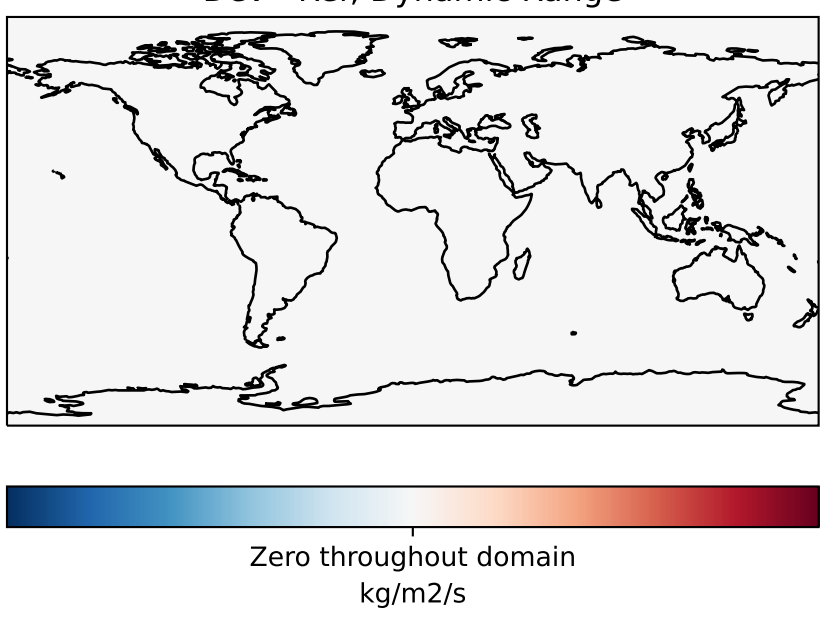
GCC_13.2.0 (Ref)
4.0x5.0



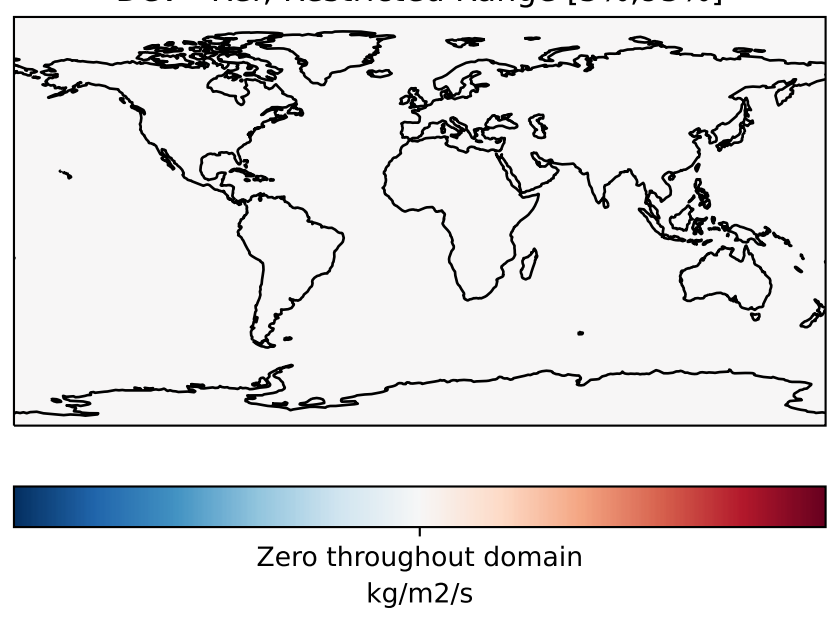
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



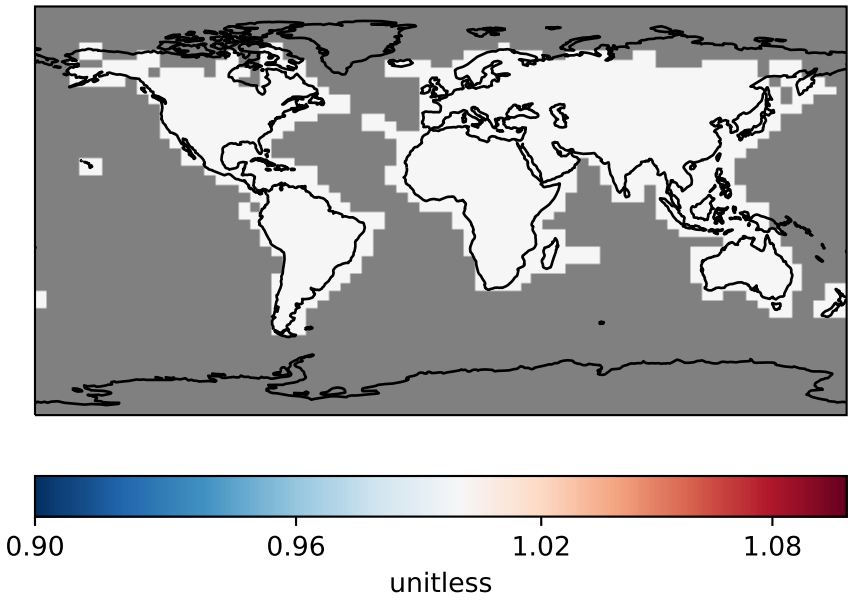
Difference
Dev - Ref, Dynamic Range



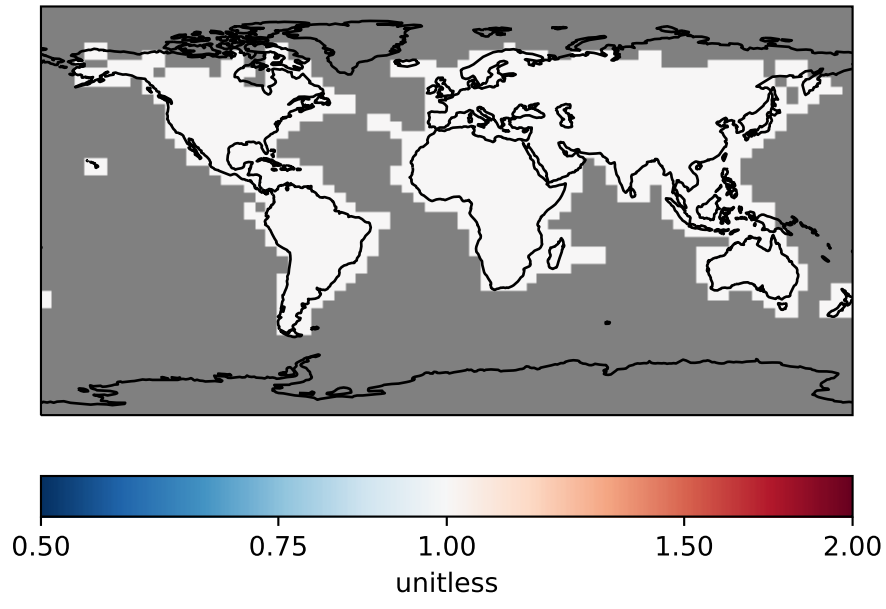
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

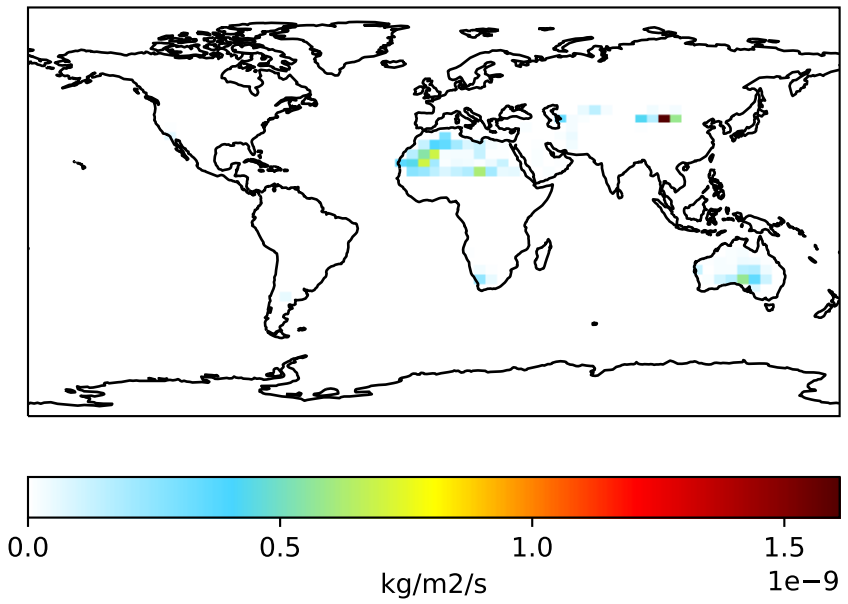


Ratio
Dev/Ref, Fixed Range

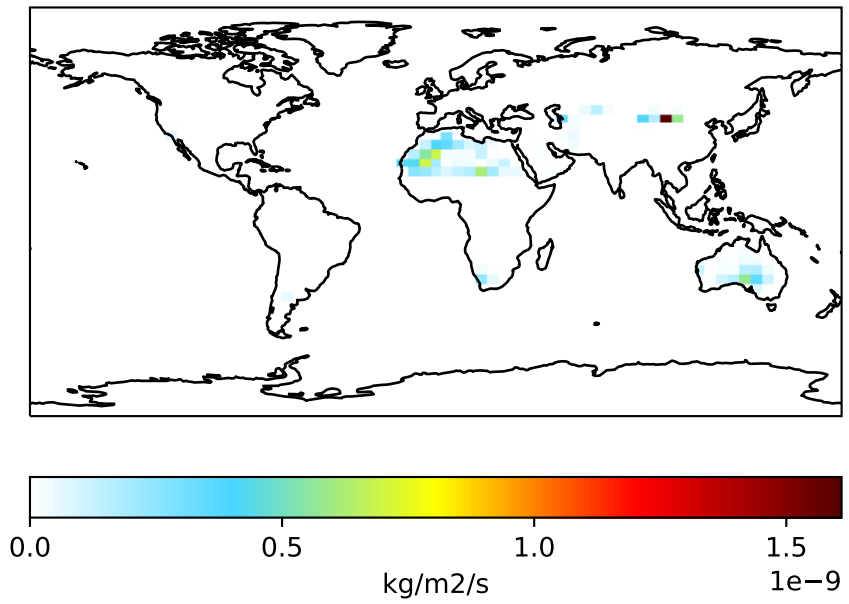


EmisDST2_Natural (Oct2019)

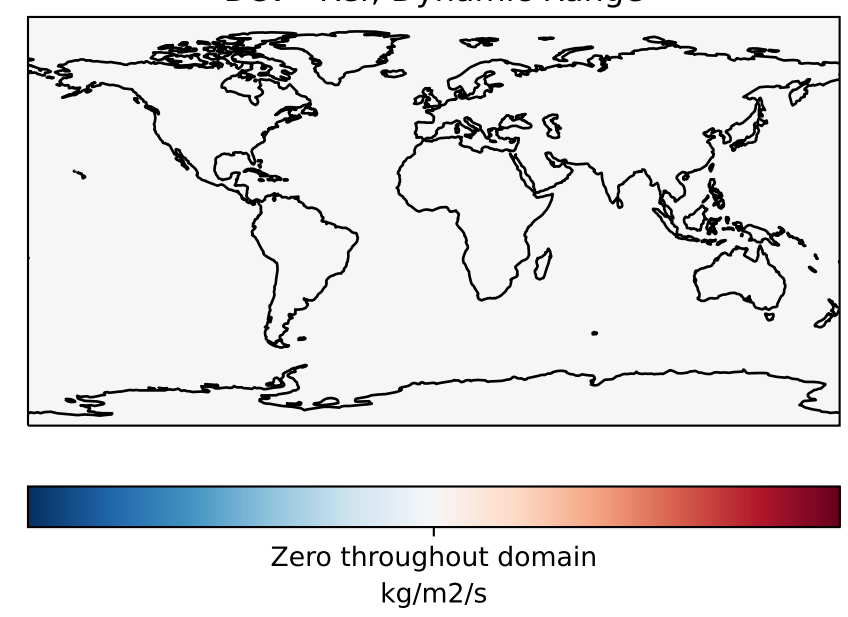
GCC_13.2.0 (Ref)
4.0x5.0



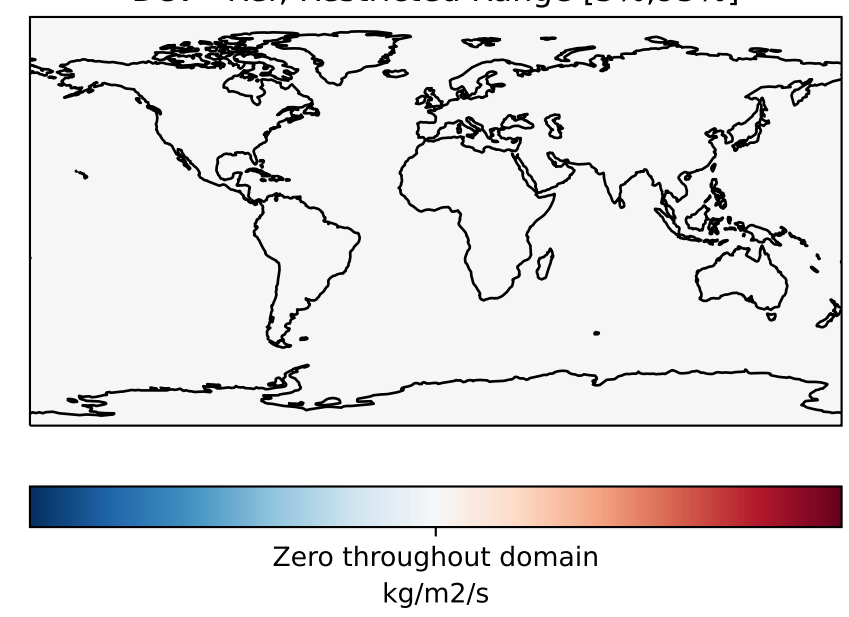
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



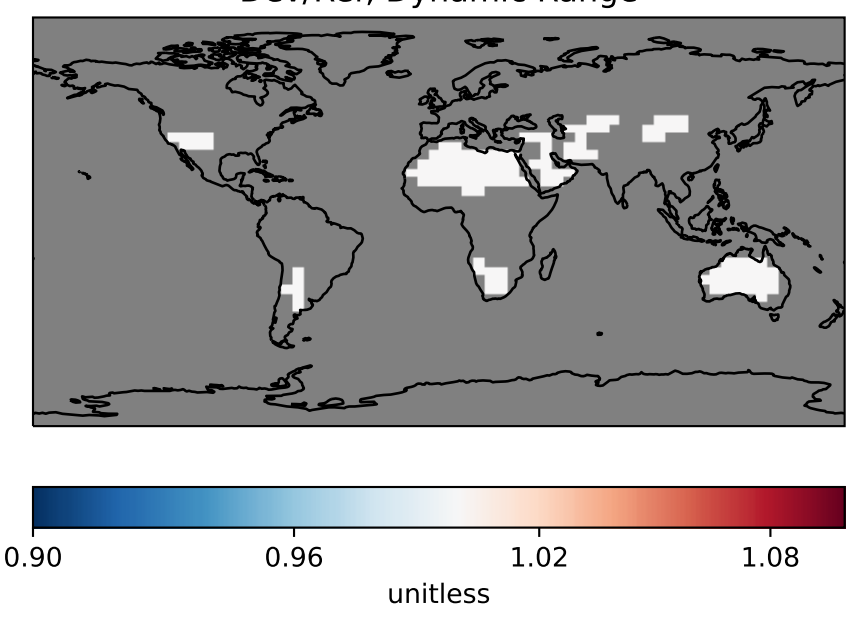
Difference
Dev - Ref, Dynamic Range



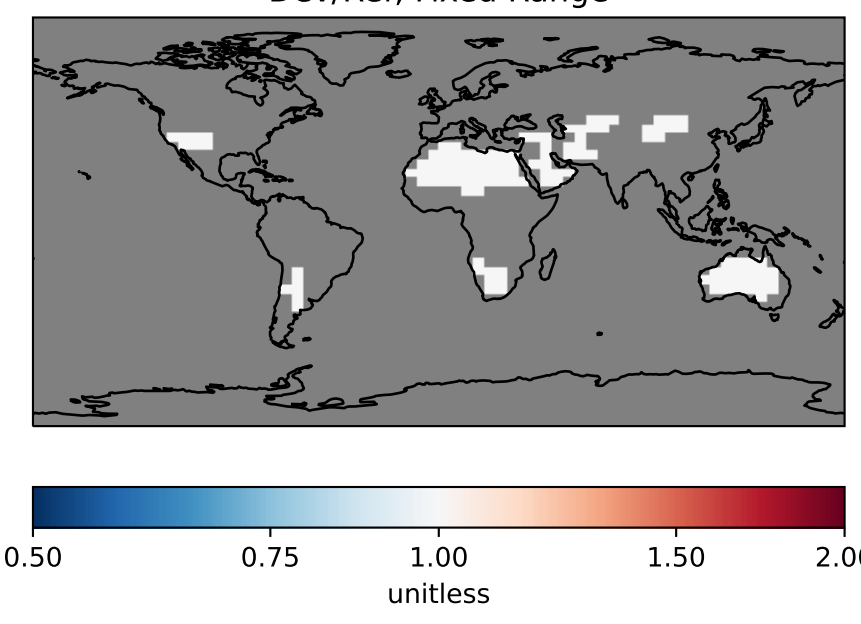
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

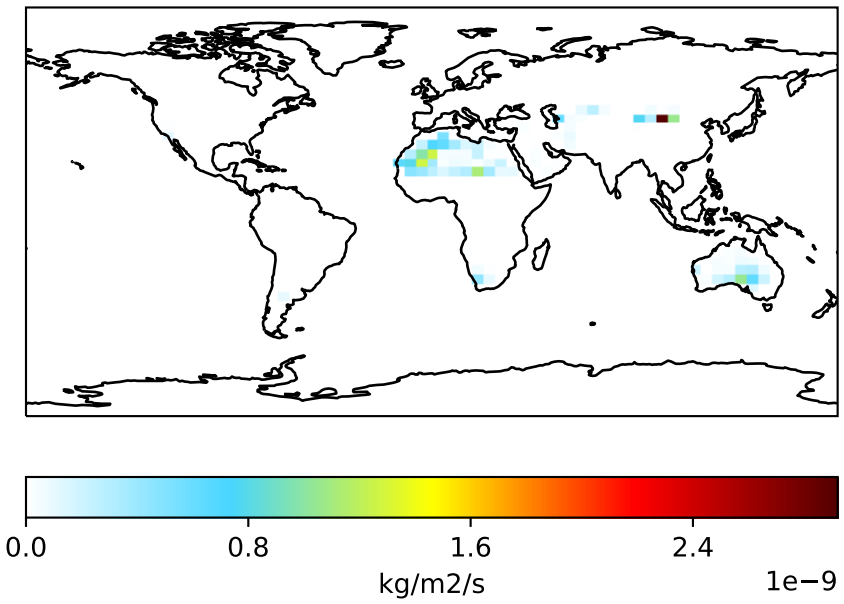


Ratio
Dev/Ref, Fixed Range

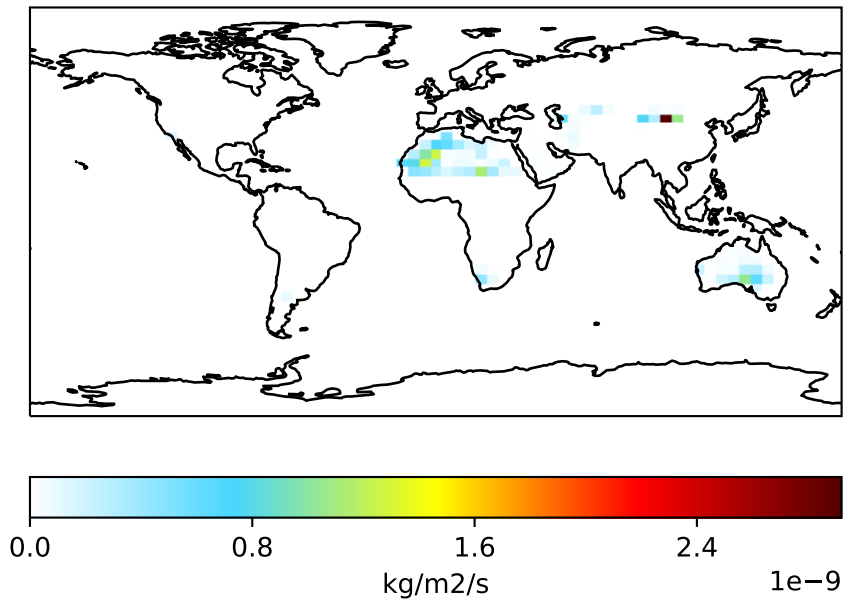


EmisDST3_Natural (Oct2019)

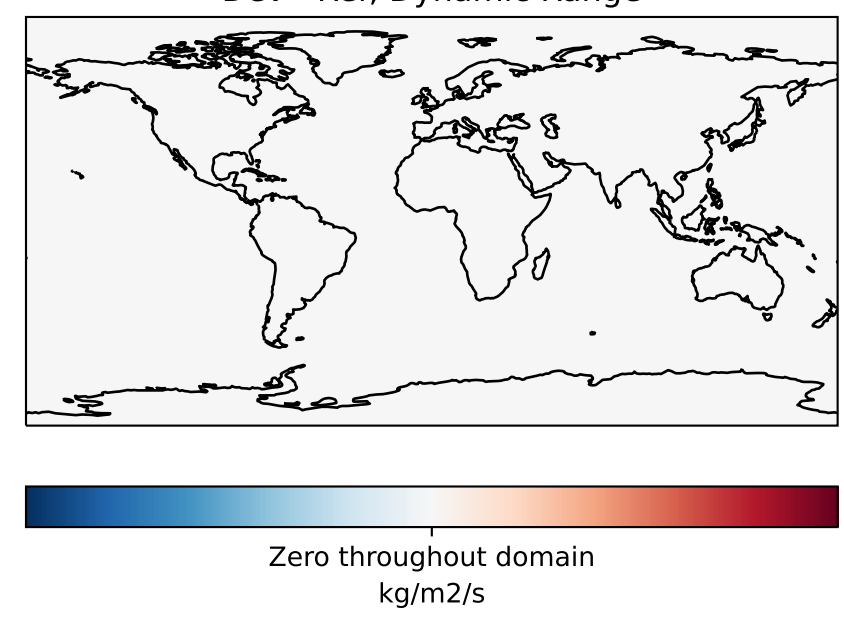
GCC_13.2.0 (Ref)
4.0x5.0



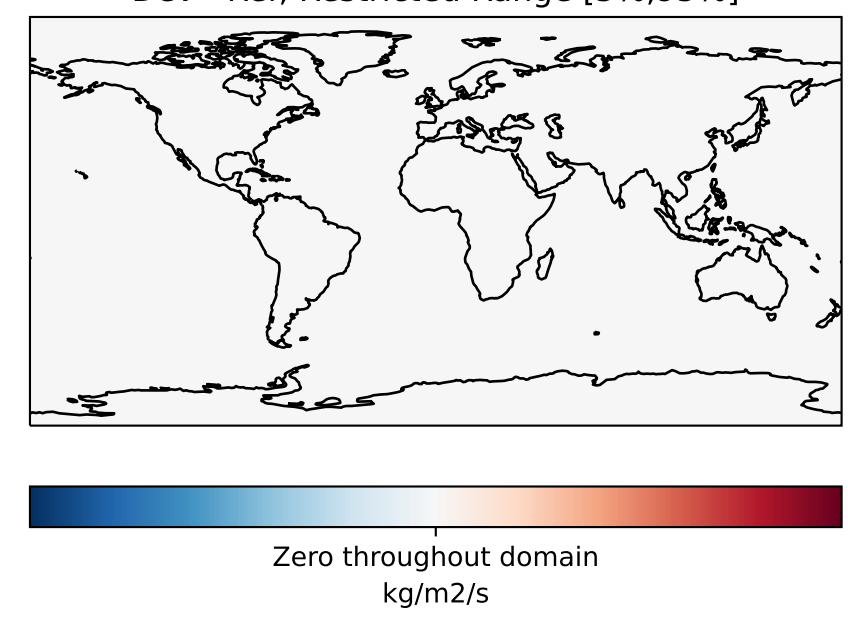
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



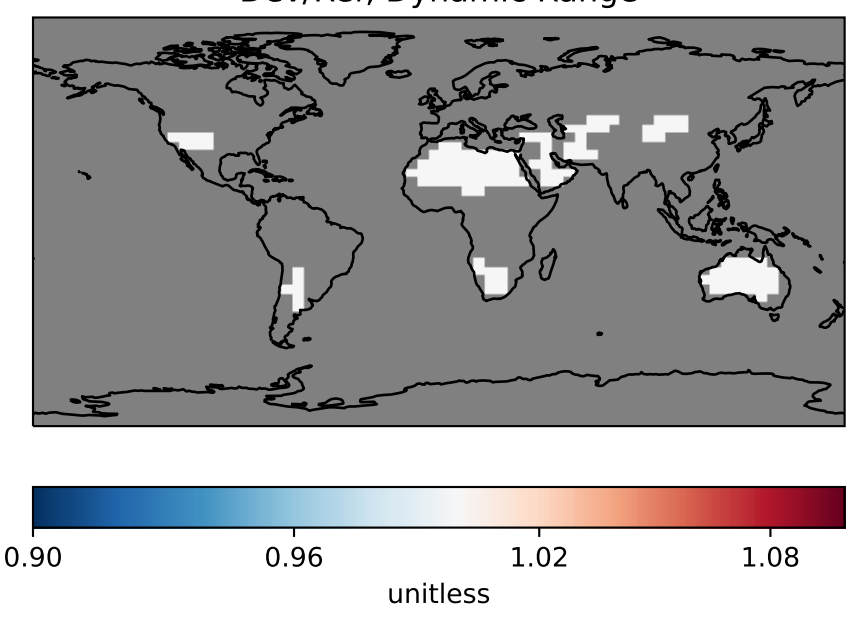
Difference
Dev - Ref, Dynamic Range



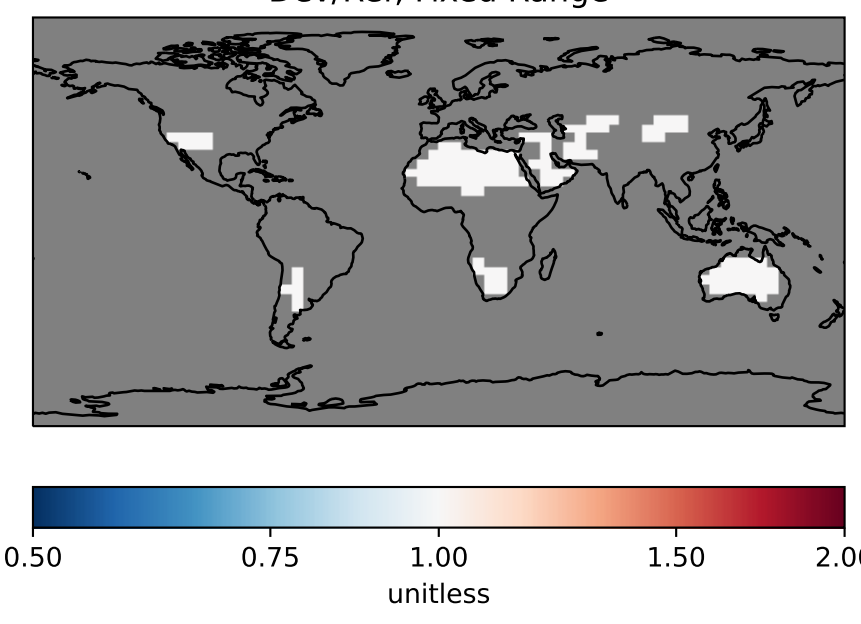
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

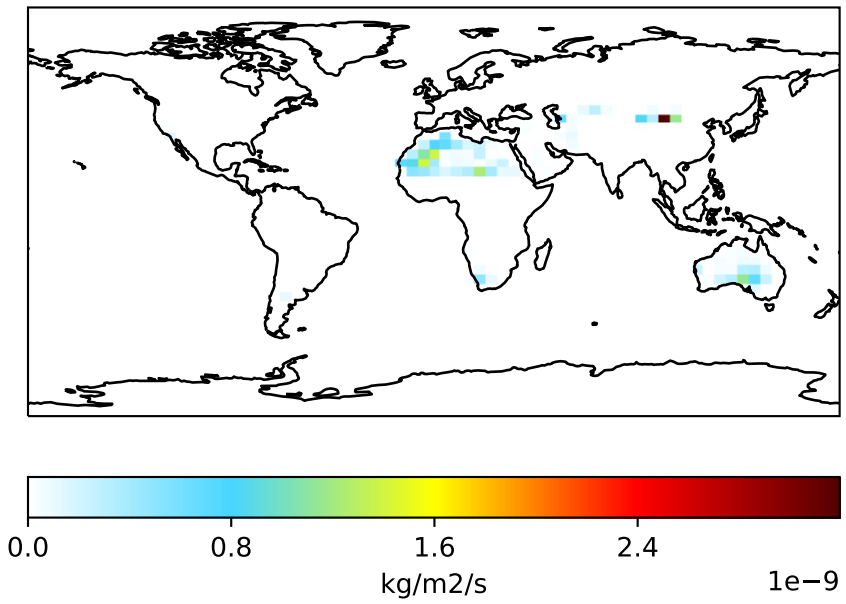


Ratio
Dev/Ref, Fixed Range

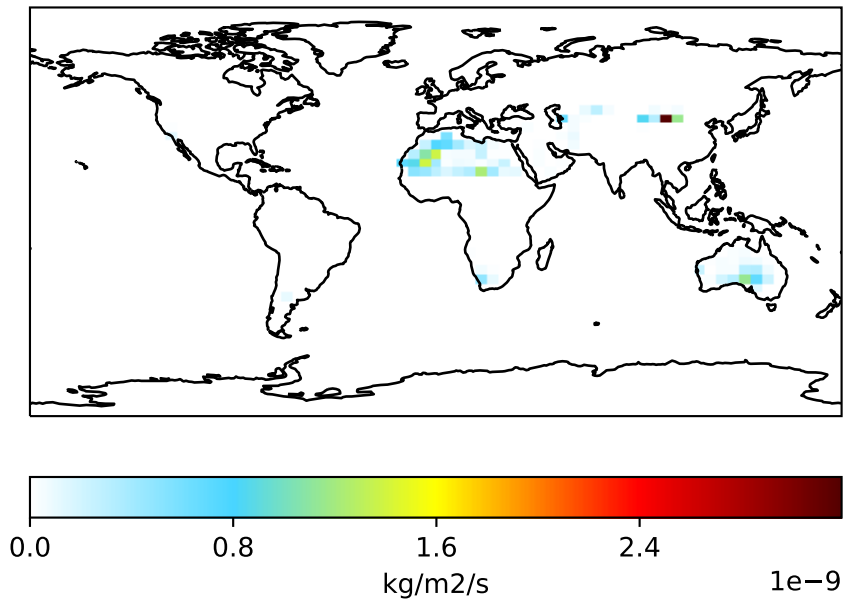


EmisDST4_Natural (Oct2019)

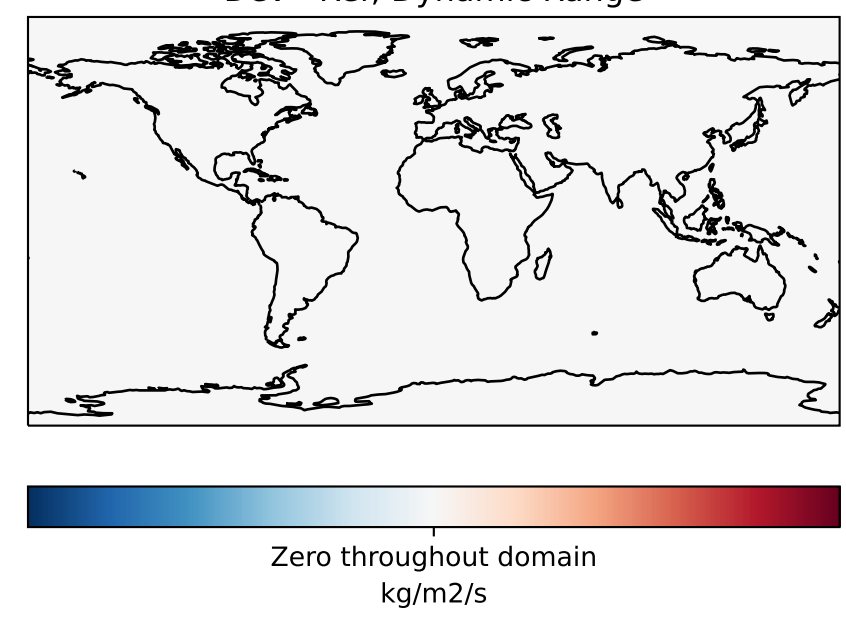
GCC_13.2.0 (Ref)
4.0x5.0



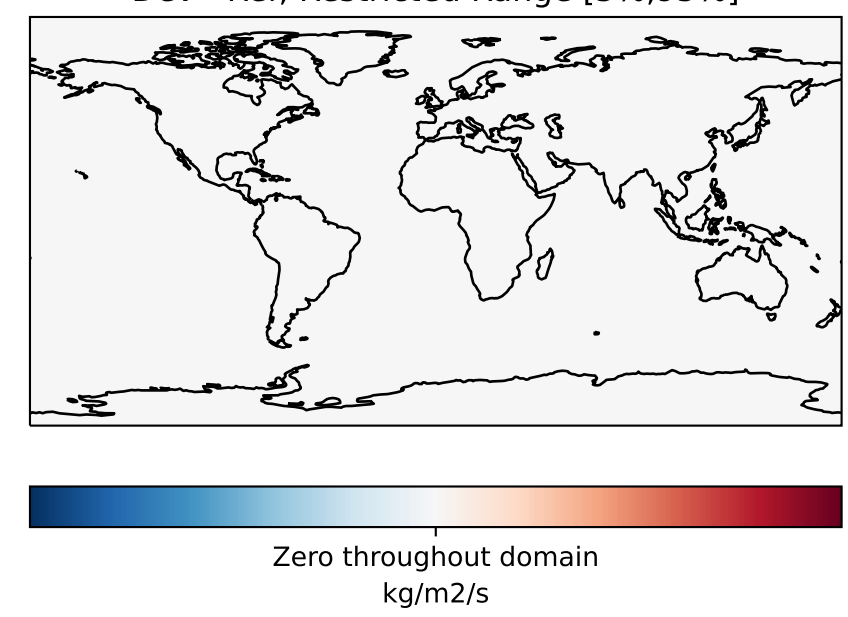
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



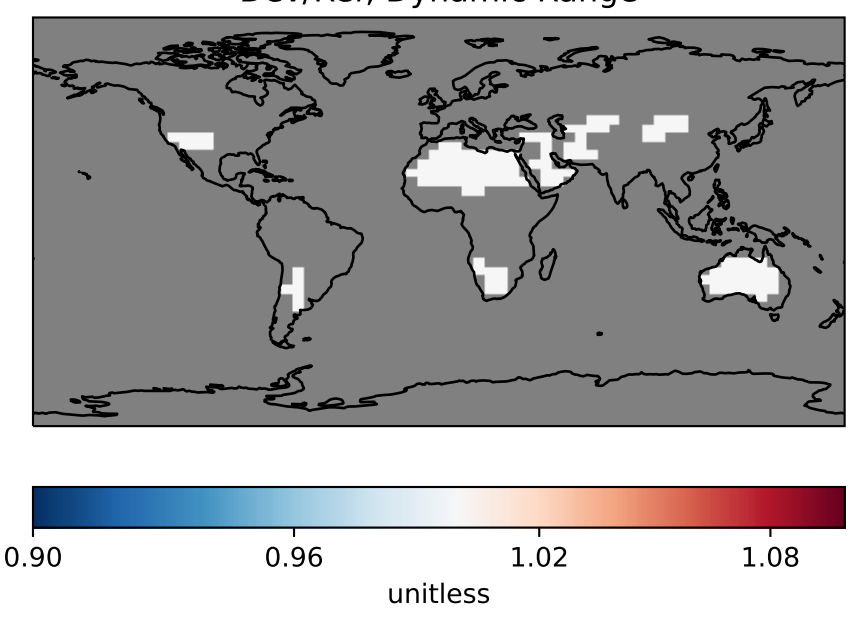
Difference
Dev - Ref, Dynamic Range



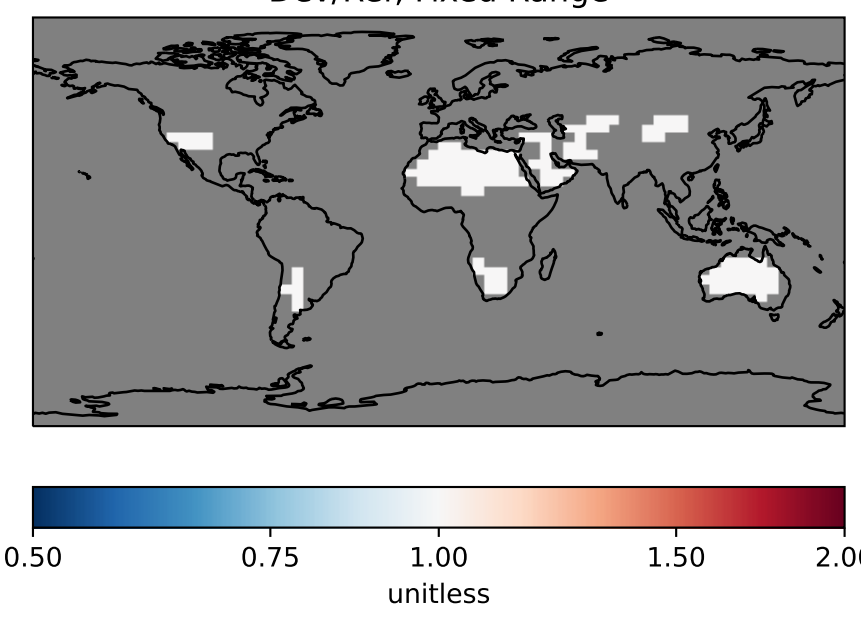
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

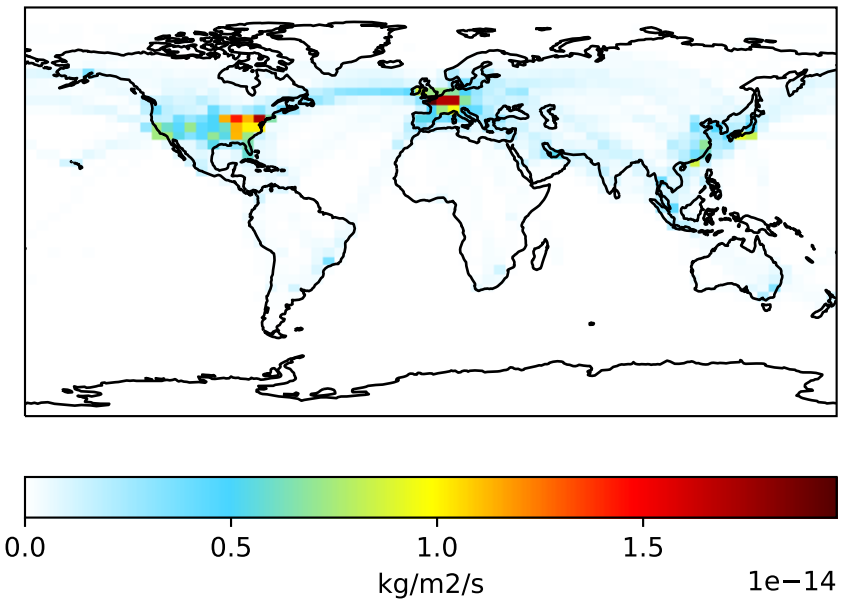


Ratio
Dev/Ref, Fixed Range

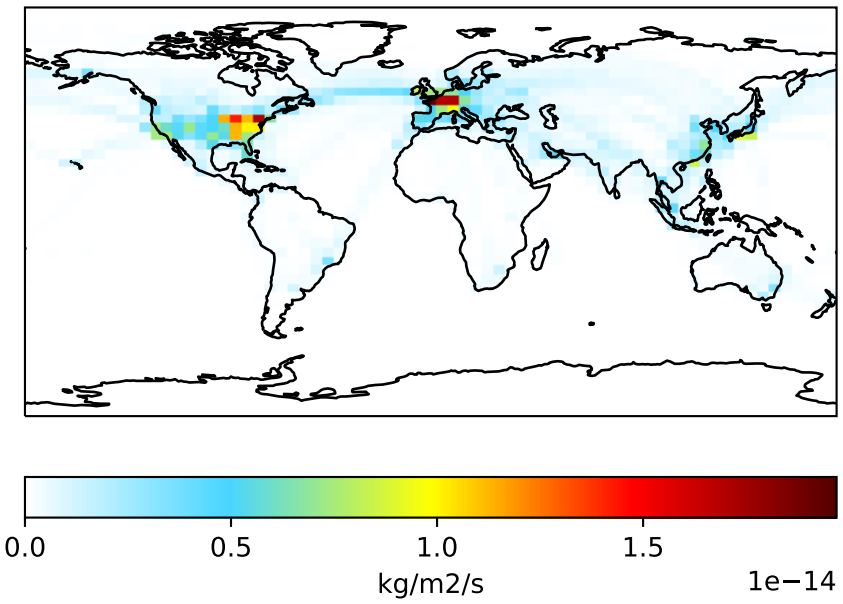


EmisSO4_Aircraft (Oct2019)

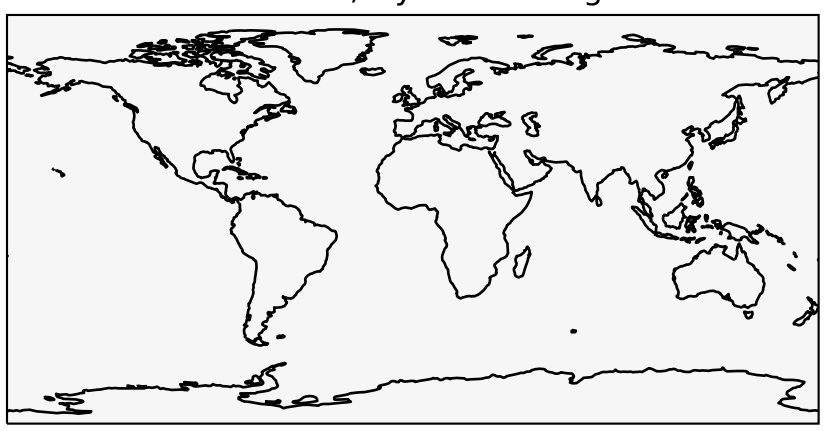
GCC_13.2.0 (Ref)
4.0x5.0

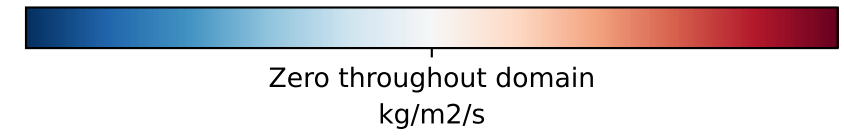


GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0

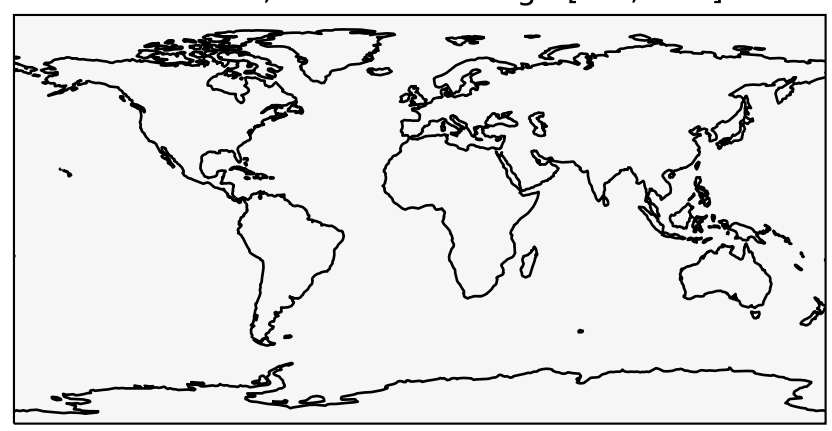


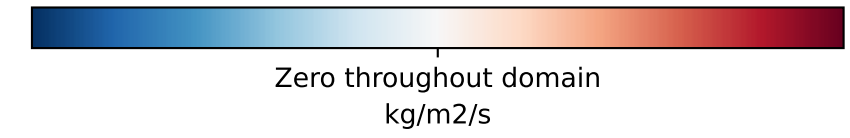
Difference
Dev - Ref, Dynamic Range



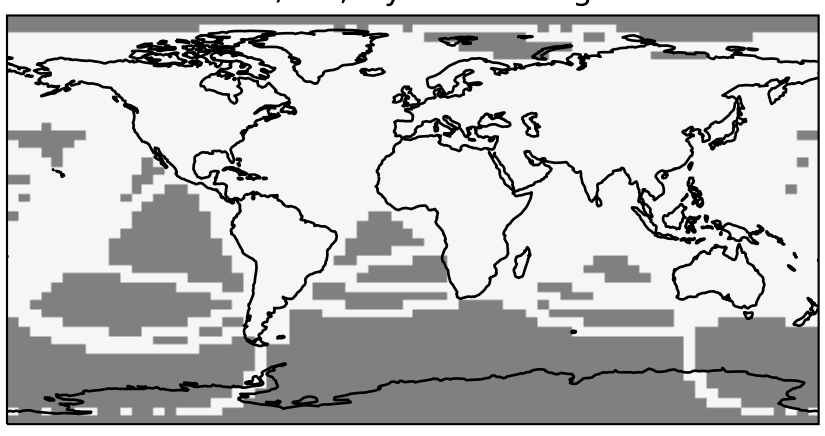


Difference
Dev - Ref, Restricted Range [5%,95%]

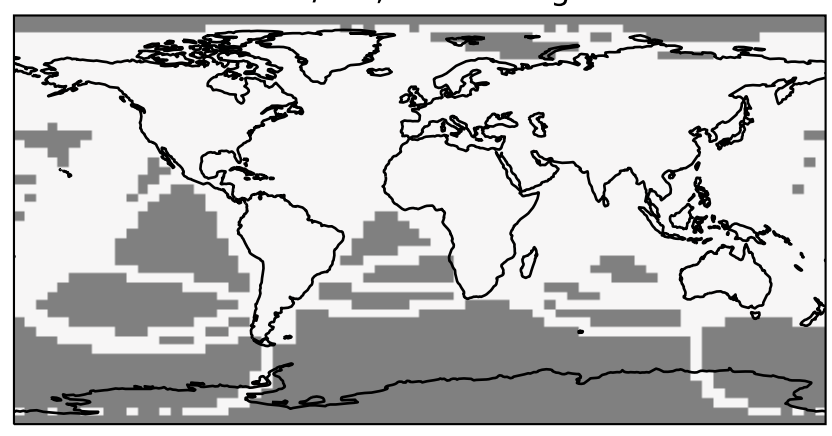


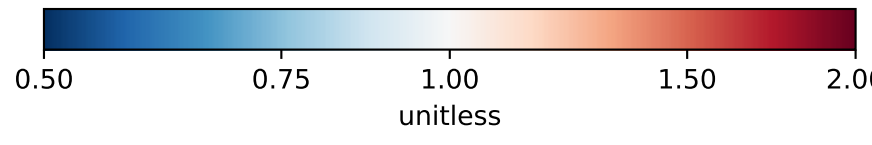


Ratio
Dev/Ref, Dynamic Range



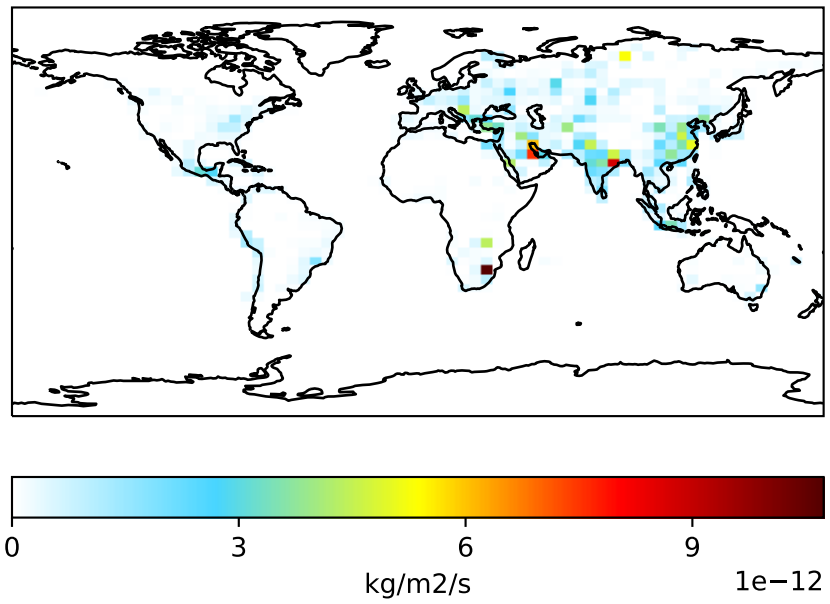
Ratio
Dev/Ref, Fixed Range



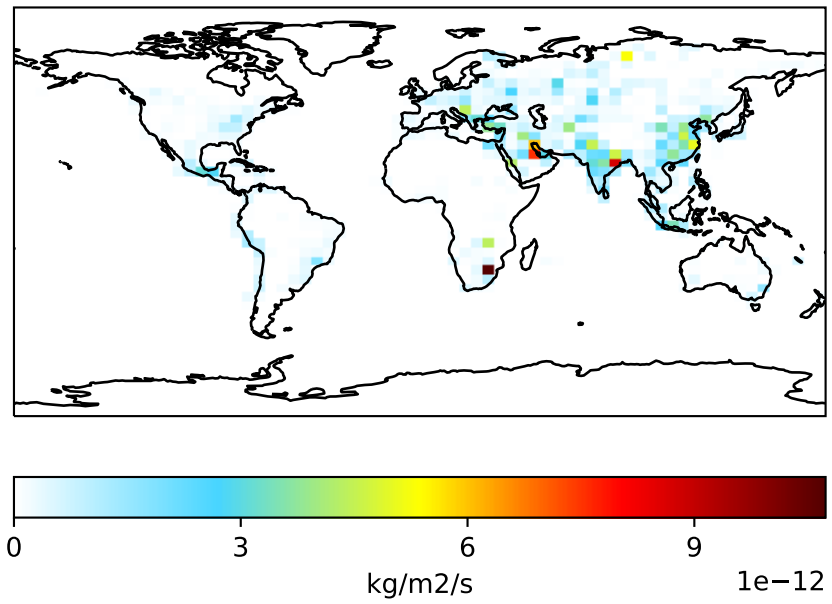


EmisSO4_Anthro (Oct2019)

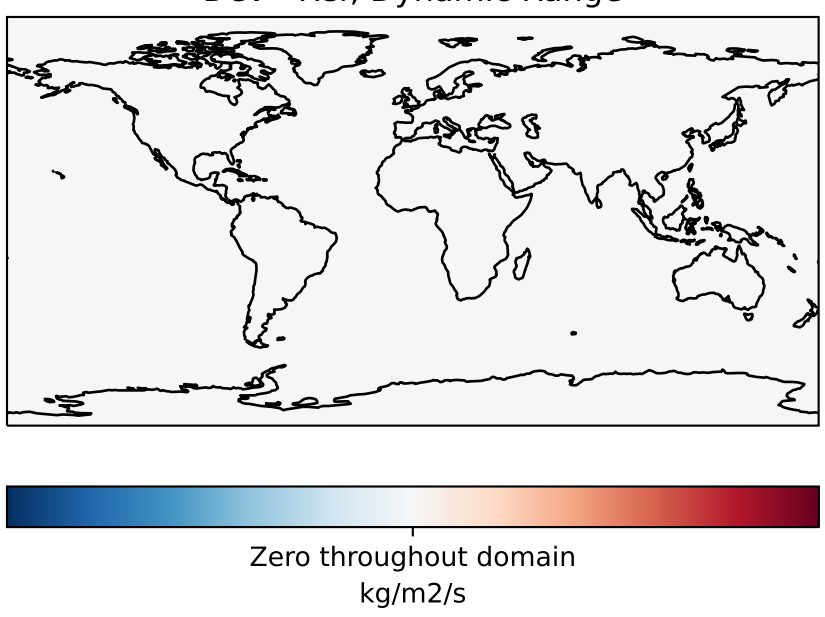
GCC_13.2.0 (Ref)
4.0x5.0



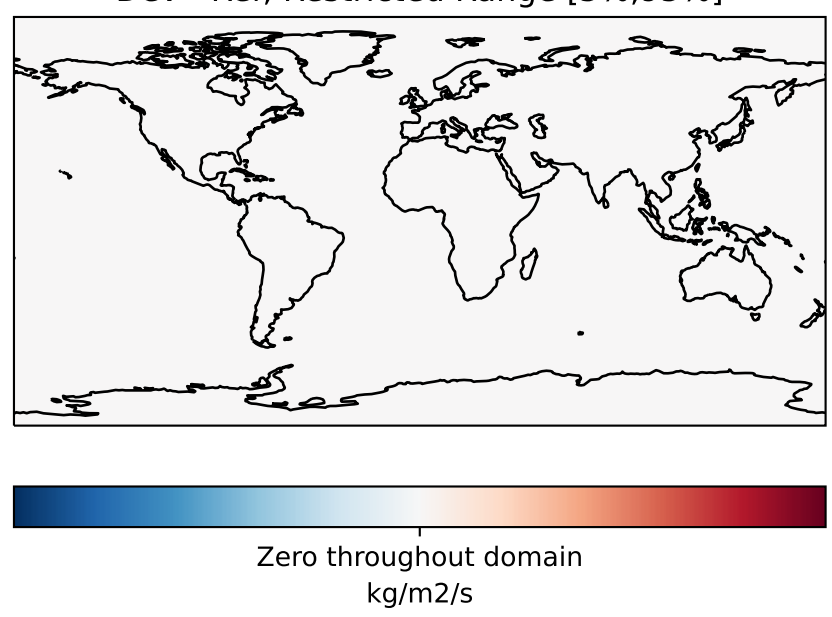
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



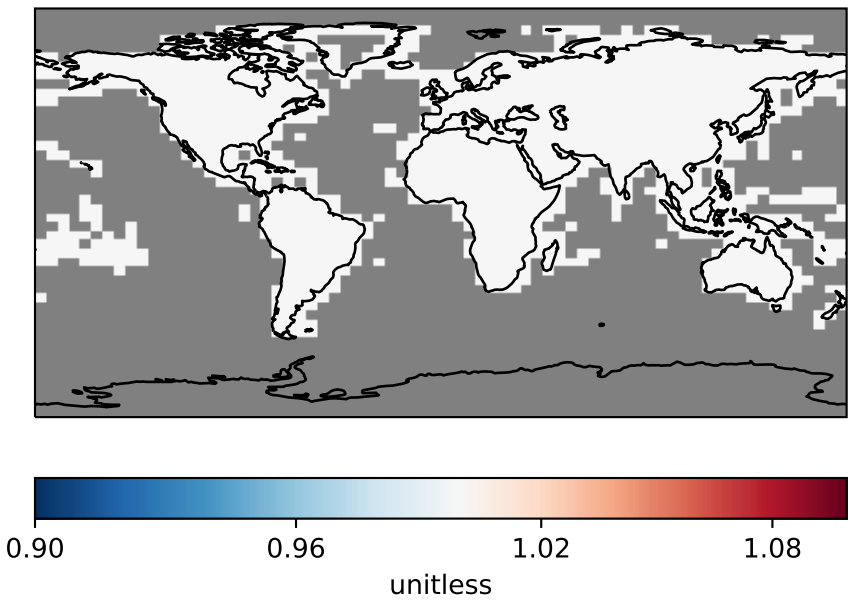
Difference
Dev - Ref, Dynamic Range



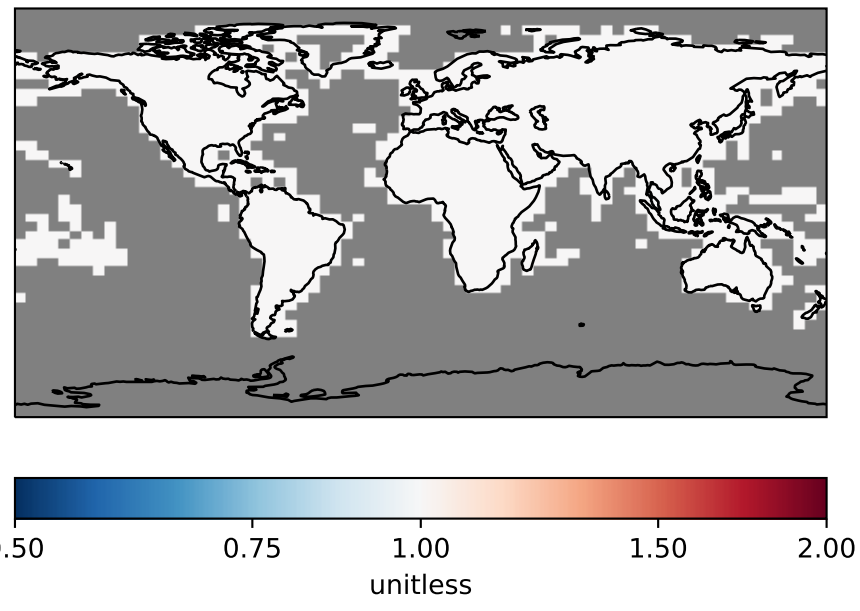
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

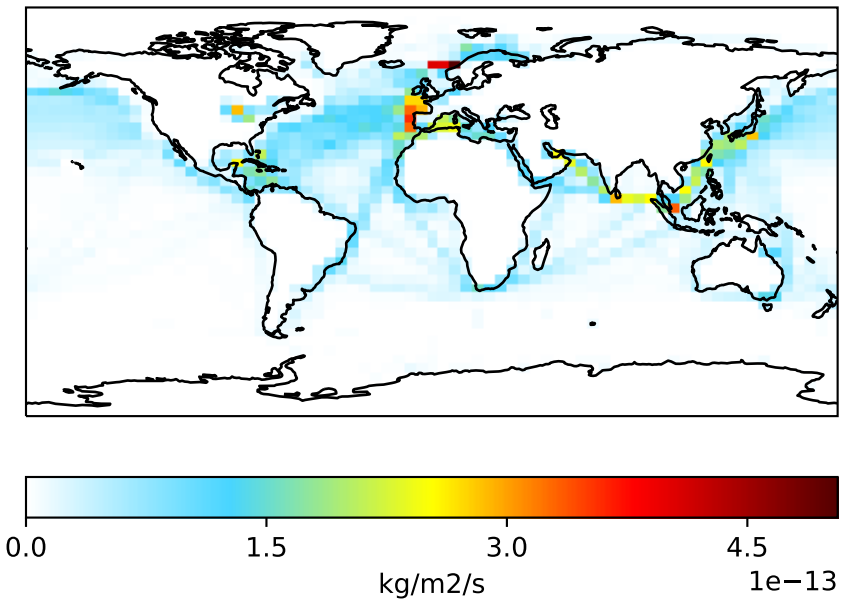


Ratio
Dev/Ref, Fixed Range

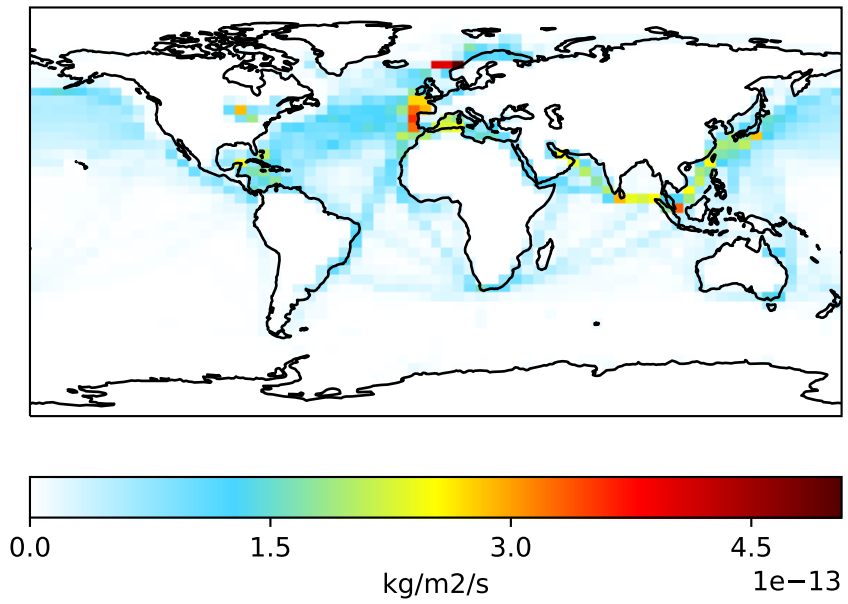


EmisSO4_Ship (Oct2019)

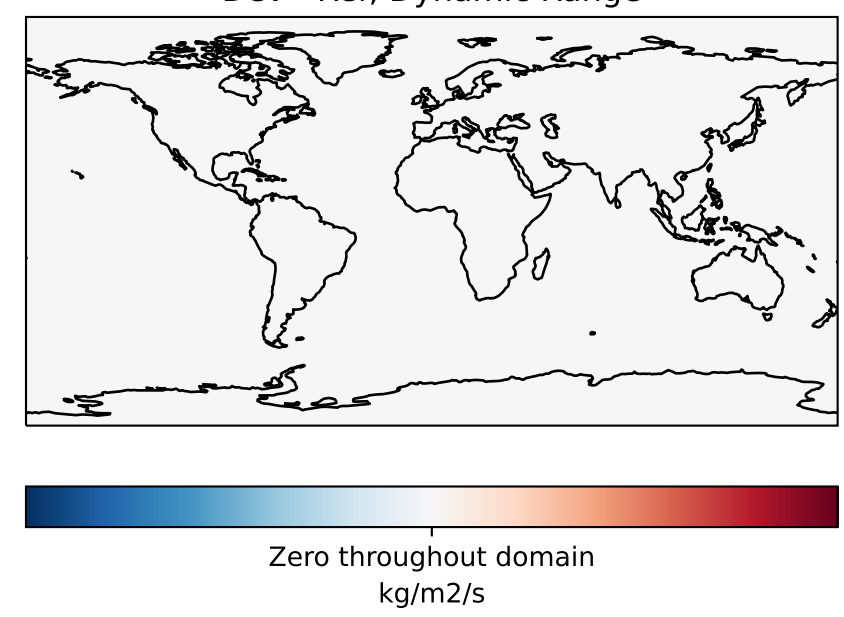
GCC_13.2.0 (Ref)
4.0x5.0



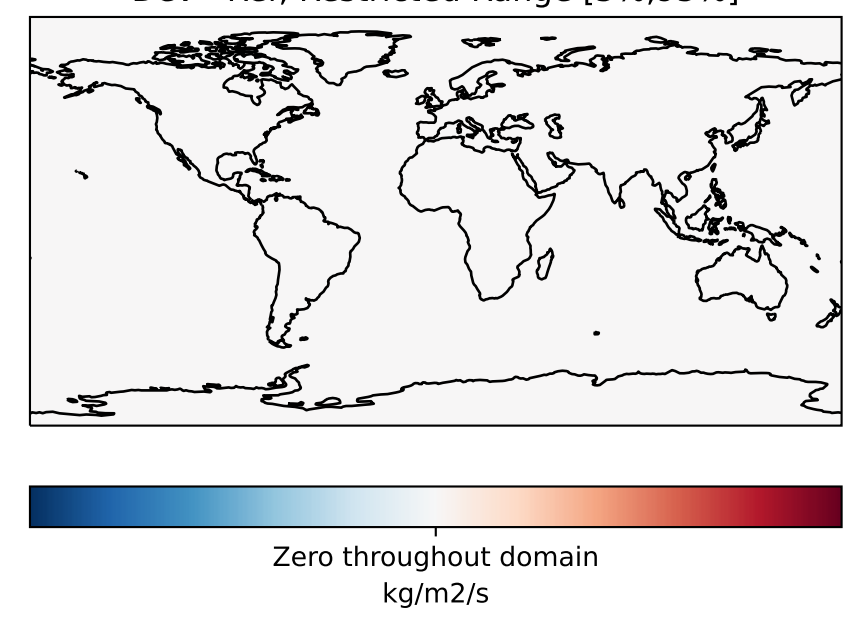
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



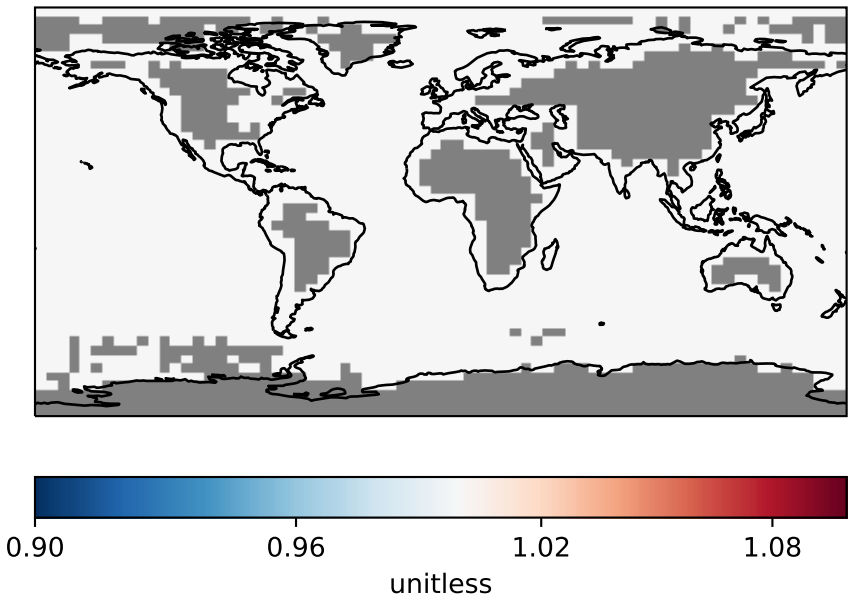
Difference
Dev - Ref, Dynamic Range



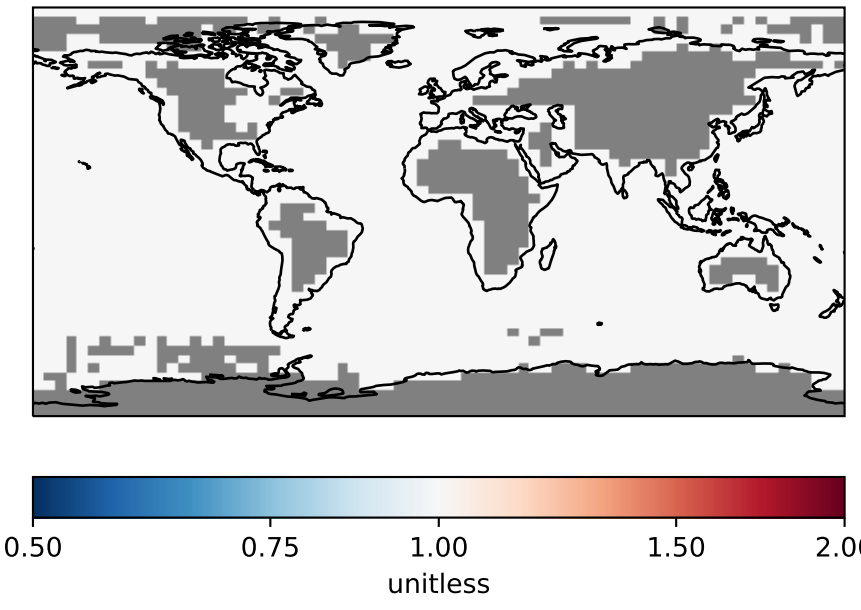
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

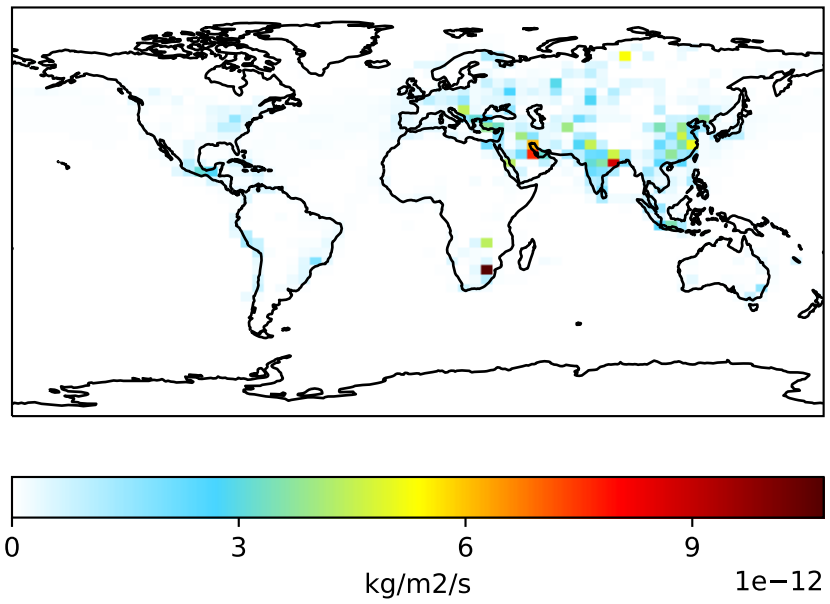


Ratio
Dev/Ref, Fixed Range

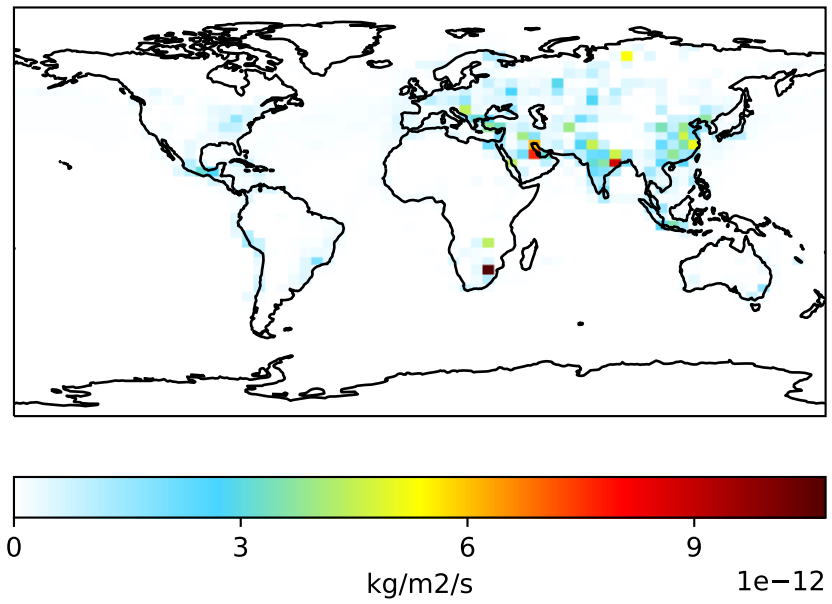


EmisSO4_Total (Oct2019)

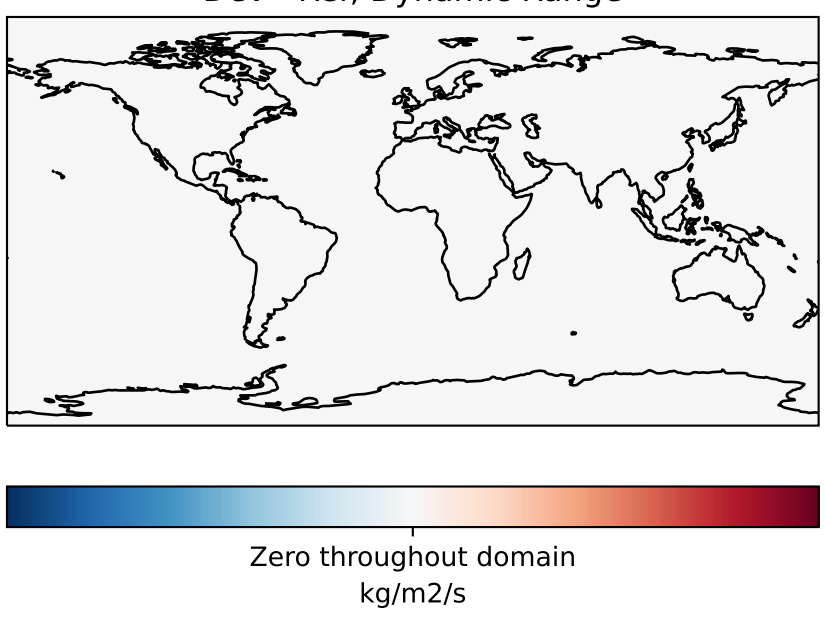
GCC_13.2.0 (Ref)
4.0x5.0



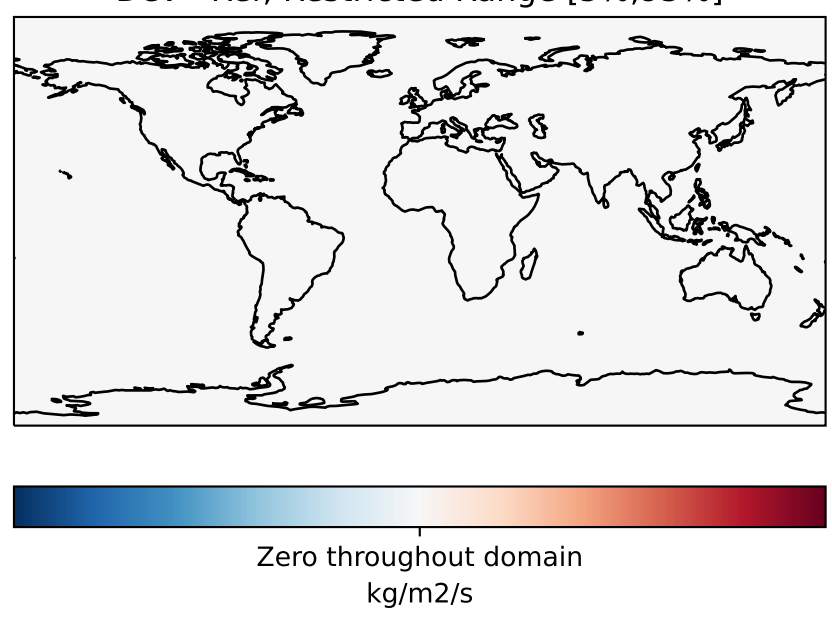
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



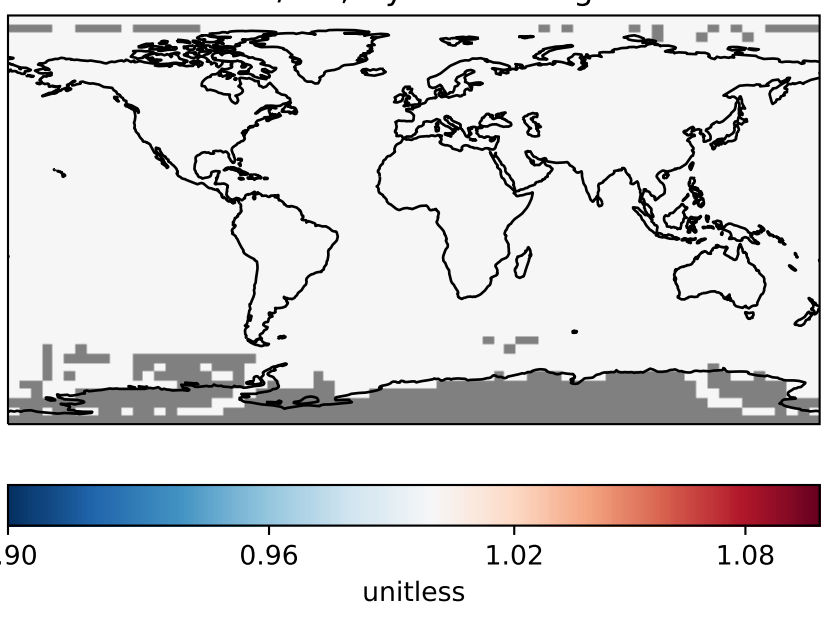
Difference
Dev - Ref, Dynamic Range



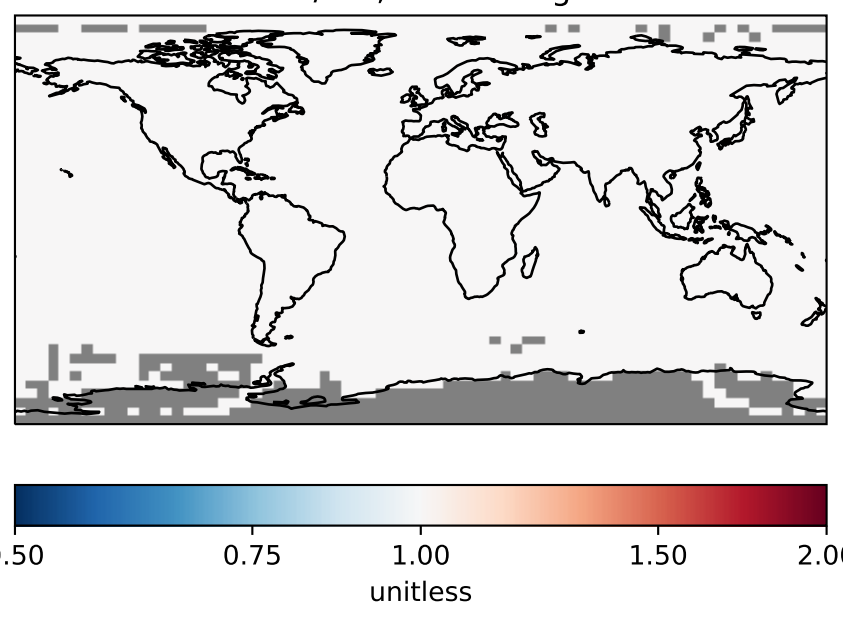
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

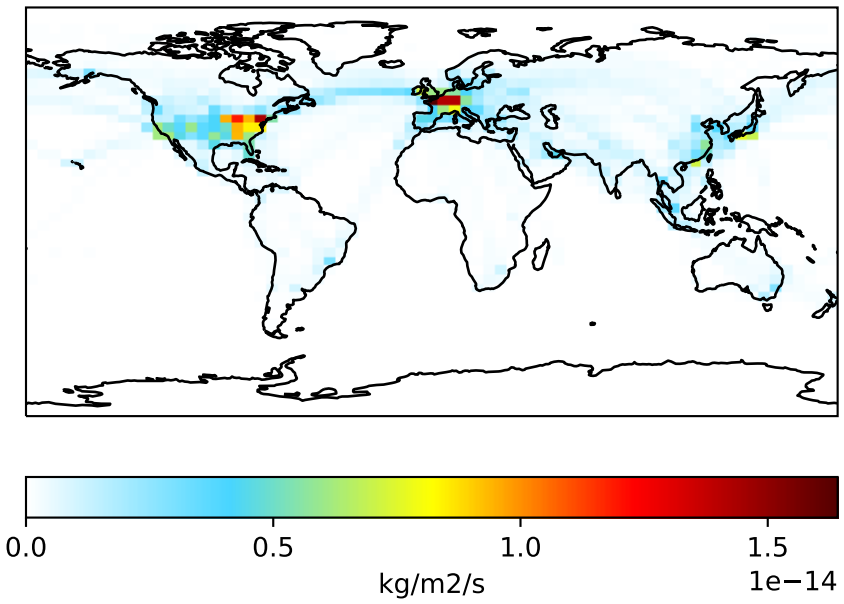


Ratio
Dev/Ref, Fixed Range

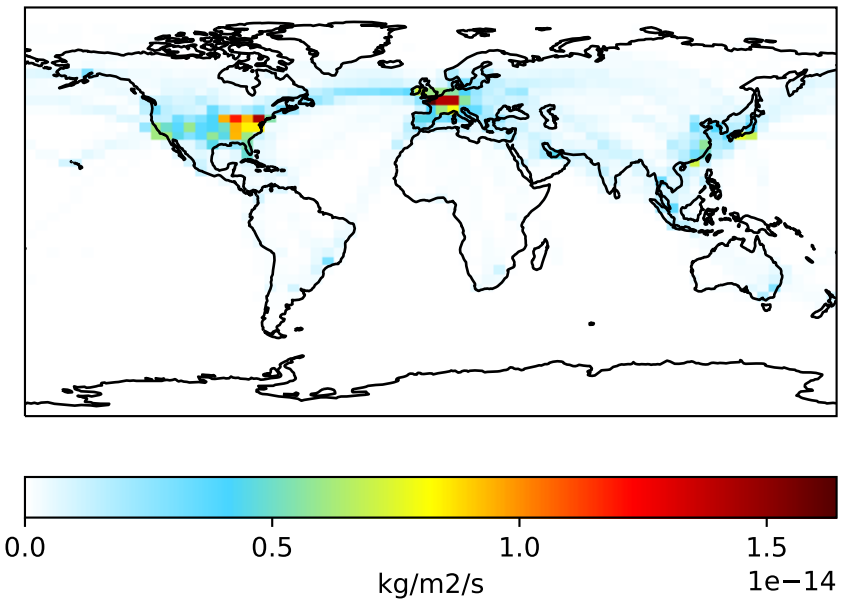


EmisBCPI_Aircraft (Oct2019)

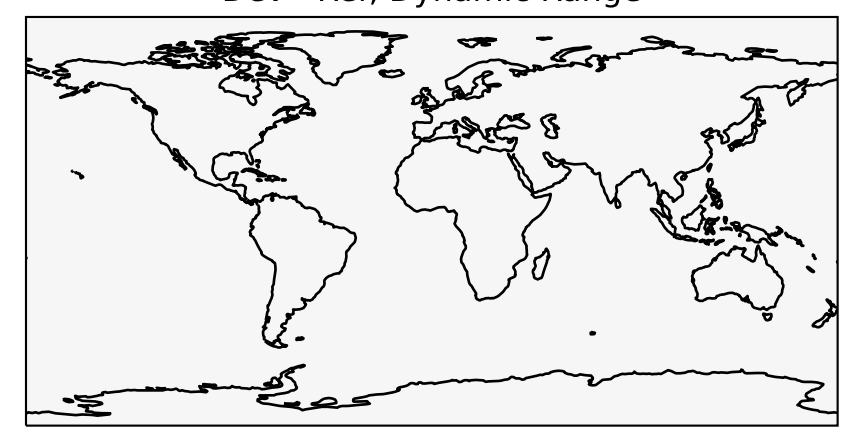
GCC_13.2.0 (Ref)
4.0x5.0

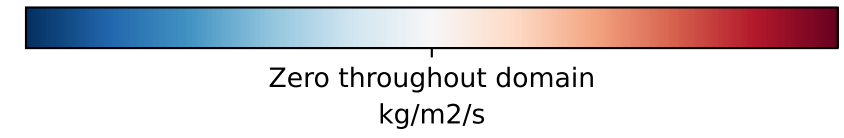


GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0

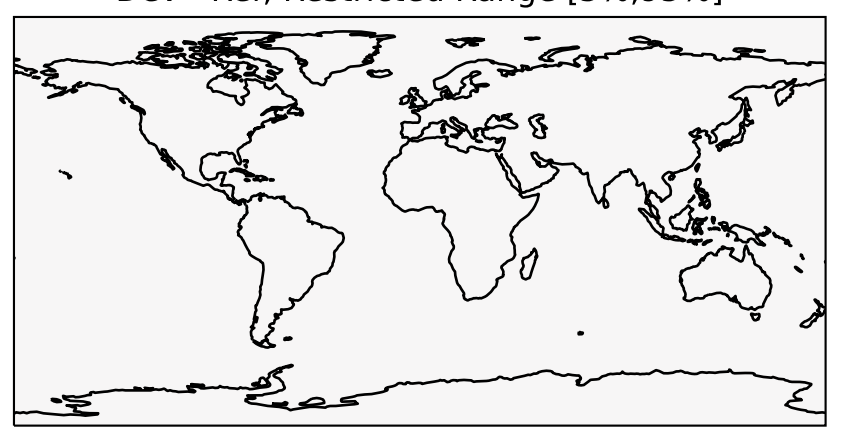


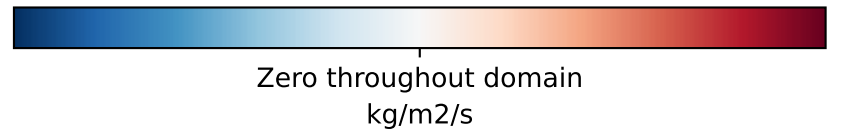
Difference
Dev - Ref, Dynamic Range



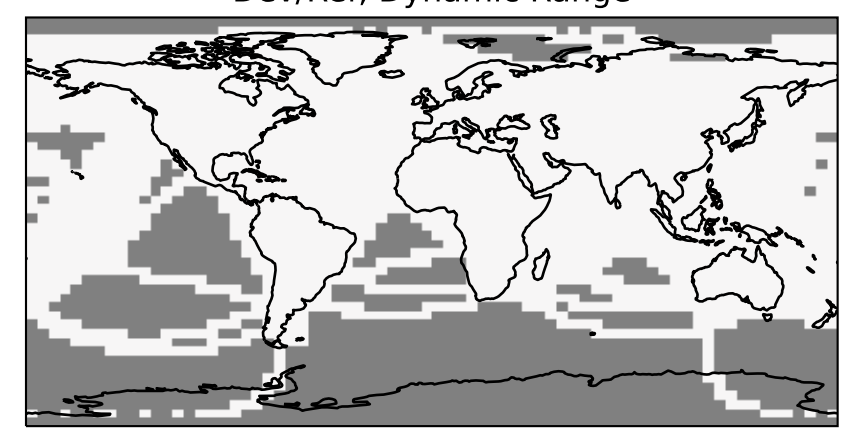


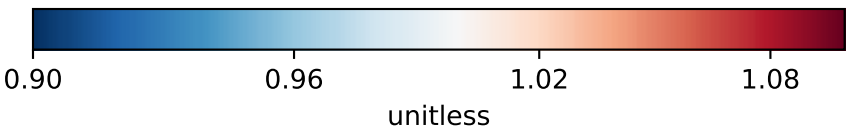
Difference
Dev - Ref, Restricted Range [5%,95%]



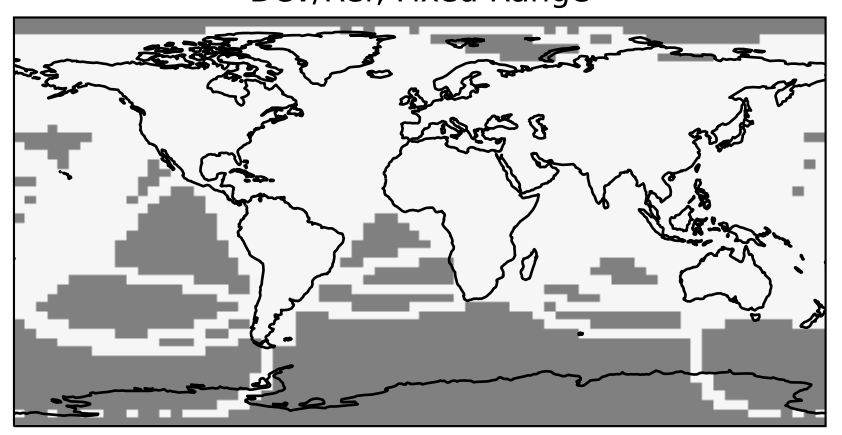


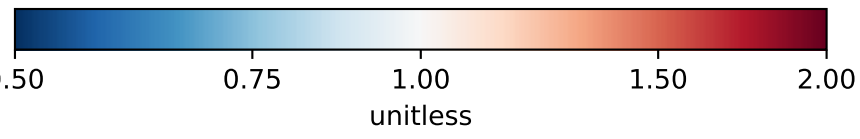
Ratio
Dev/Ref, Dynamic Range





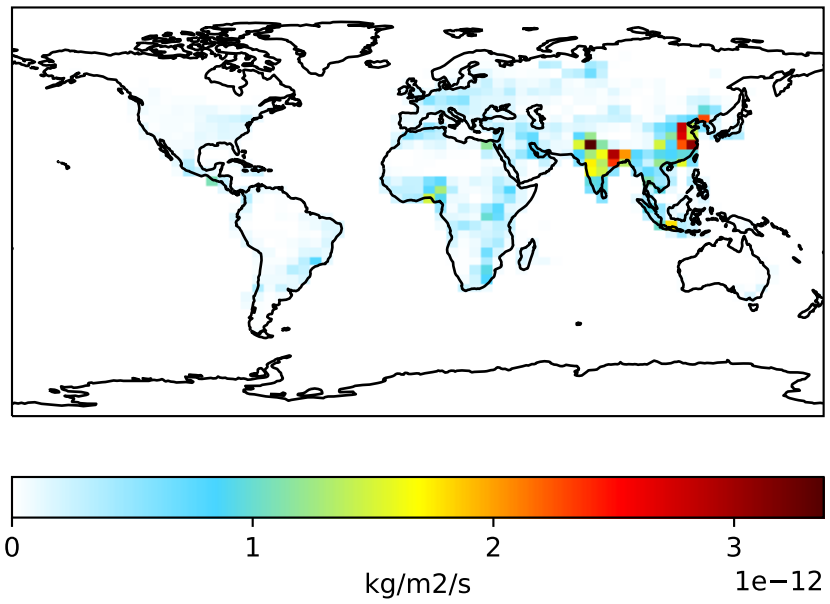
Ratio
Dev/Ref, Fixed Range



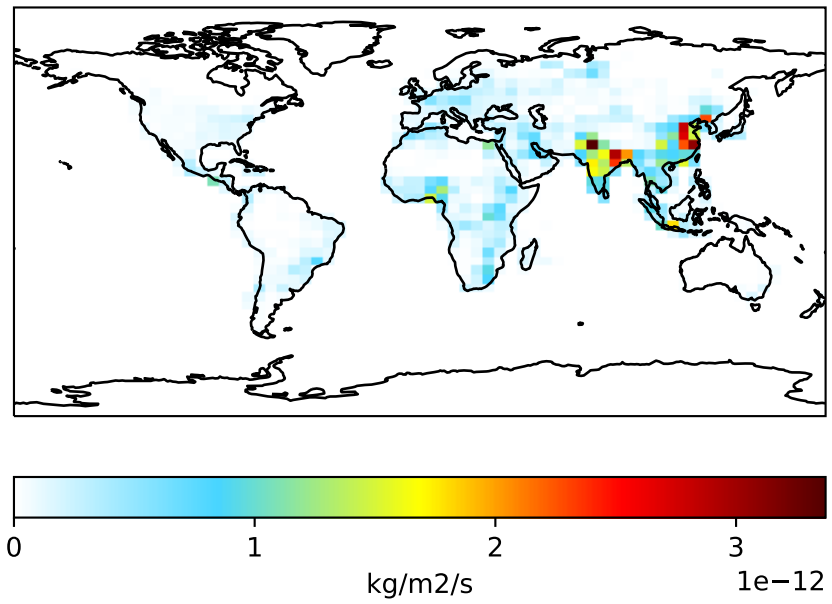


EmisBCPI_Anthro (Oct2019)

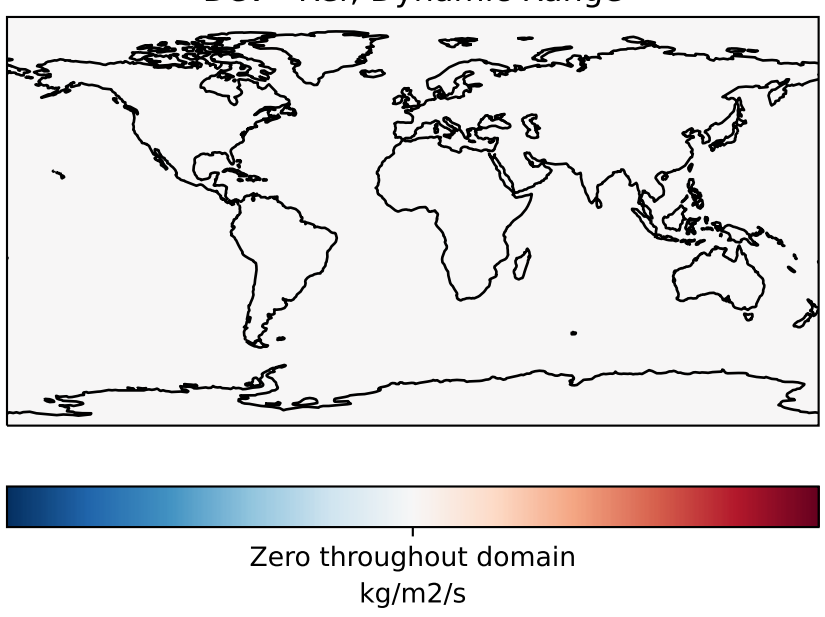
GCC_13.2.0 (Ref)
4.0x5.0



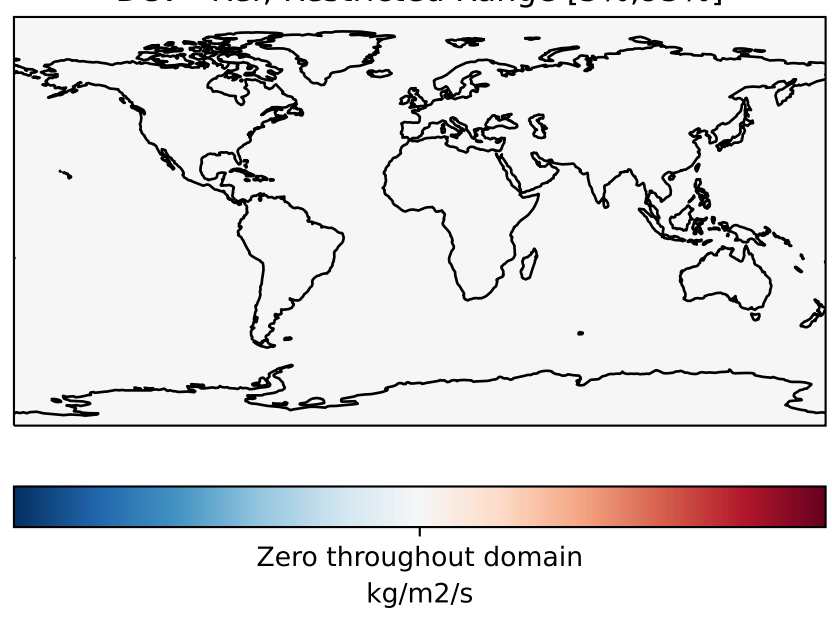
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



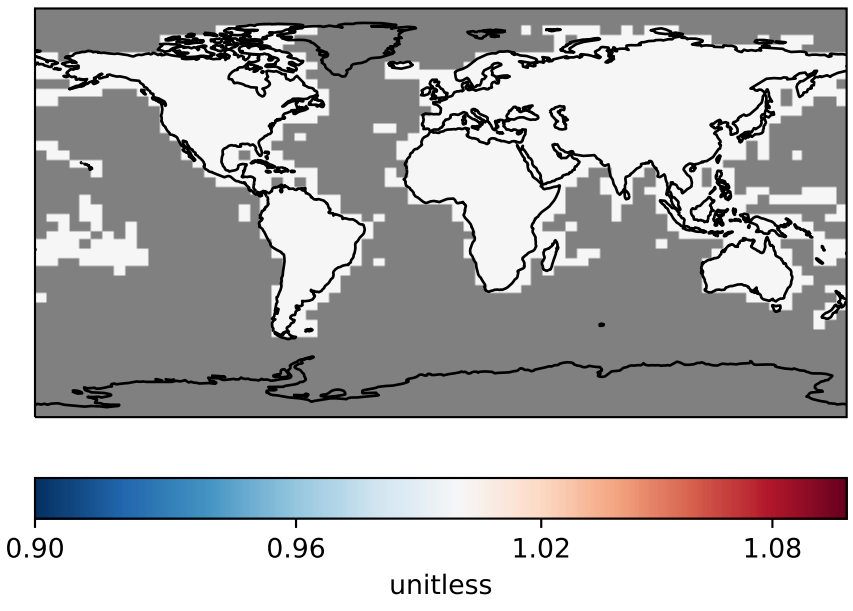
Difference
Dev - Ref, Dynamic Range



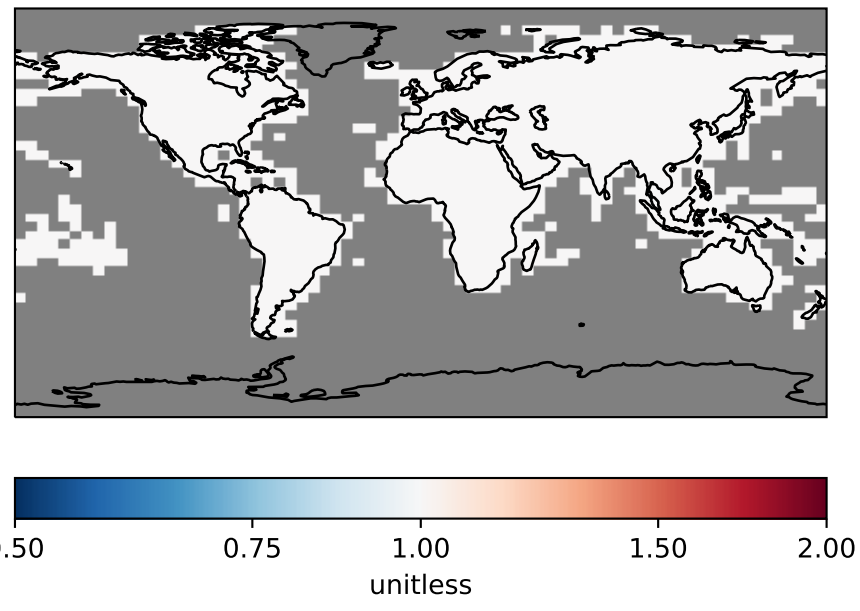
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

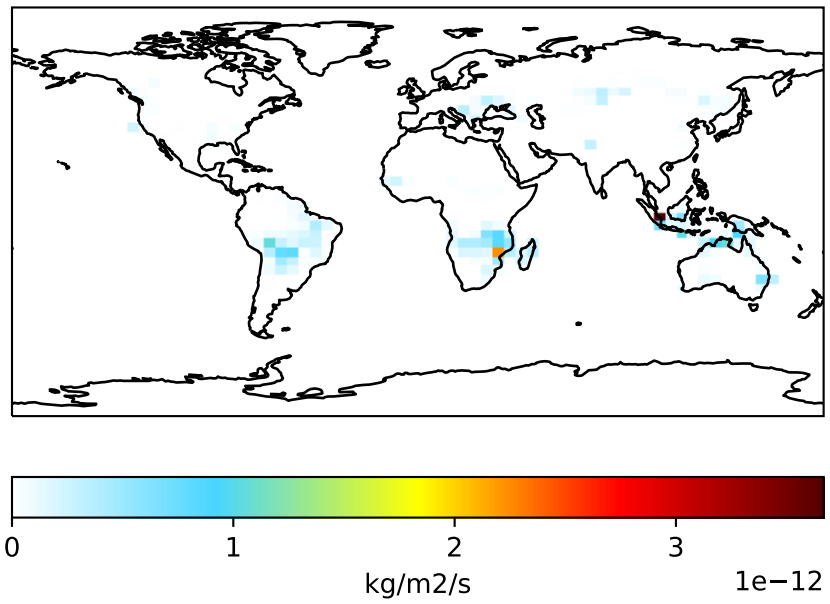


Ratio
Dev/Ref, Fixed Range

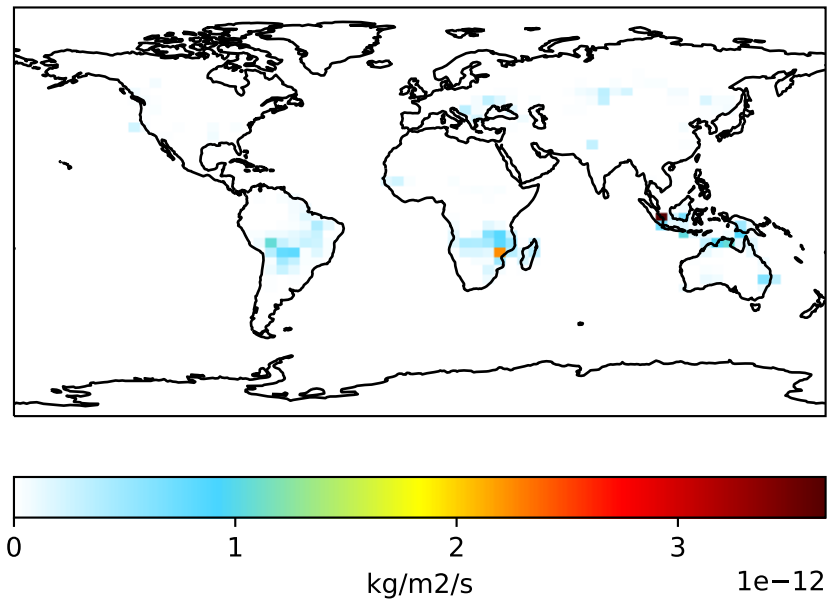


EmisBCPI_BioBurn (Oct2019)

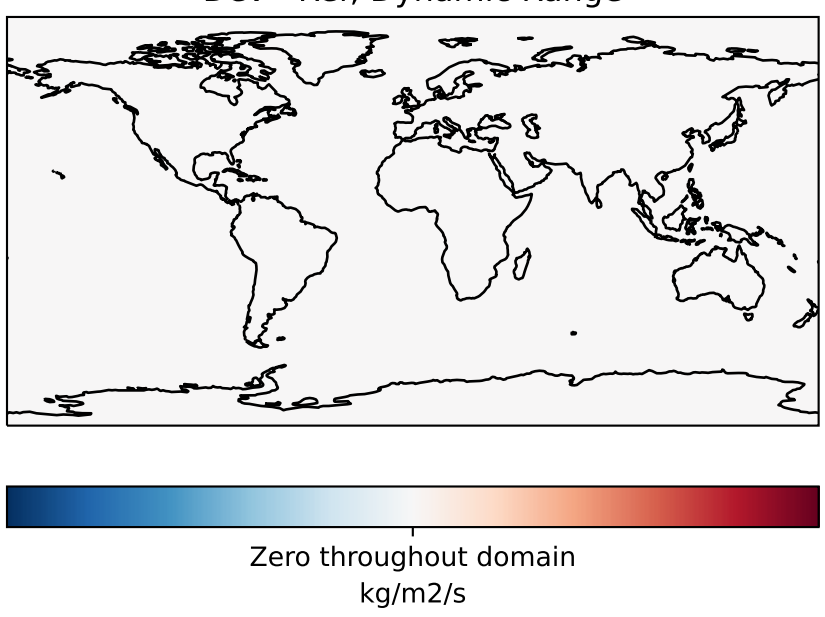
GCC_13.2.0 (Ref)
4.0x5.0



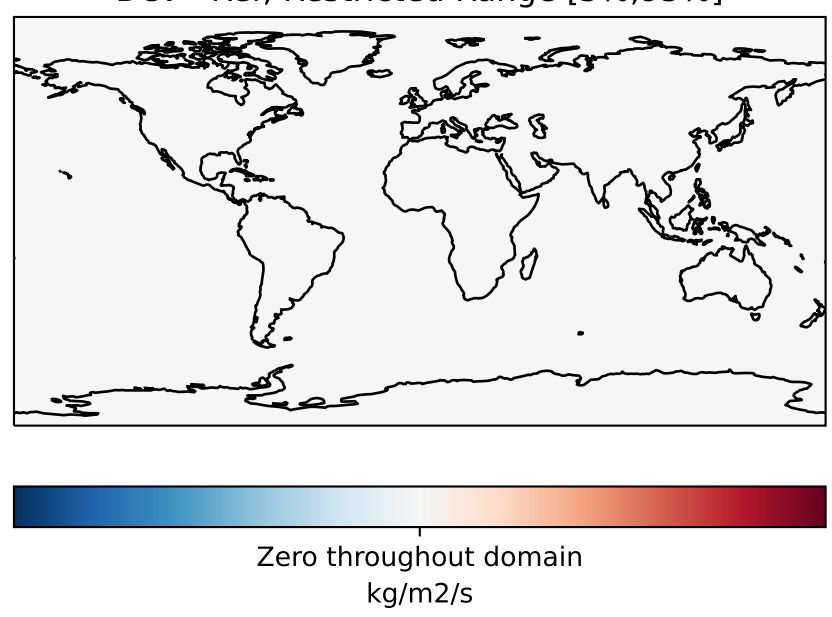
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



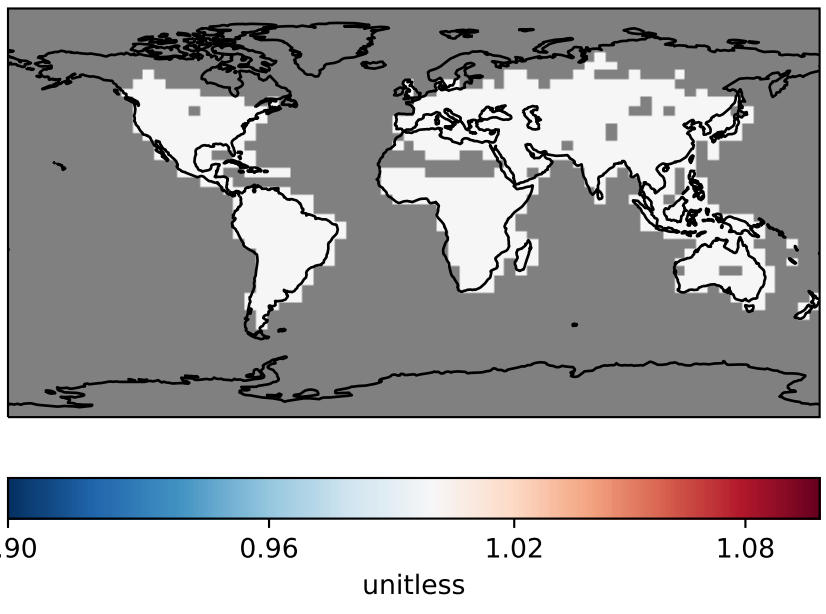
Difference
Dev - Ref, Dynamic Range



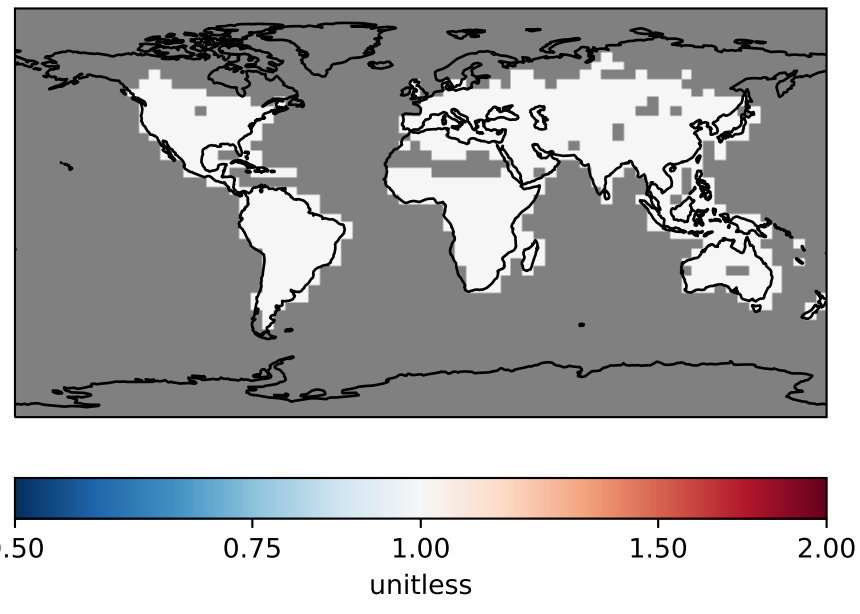
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

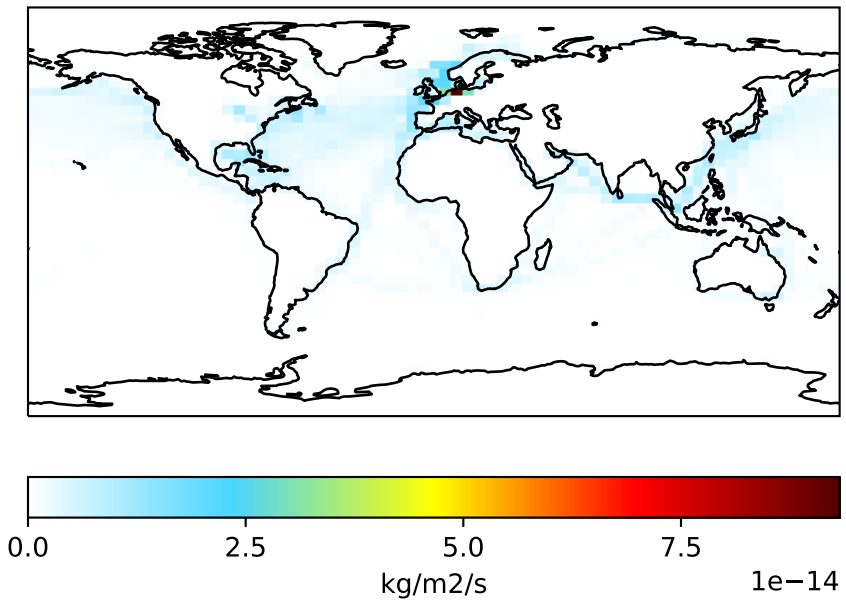


Ratio
Dev/Ref, Fixed Range

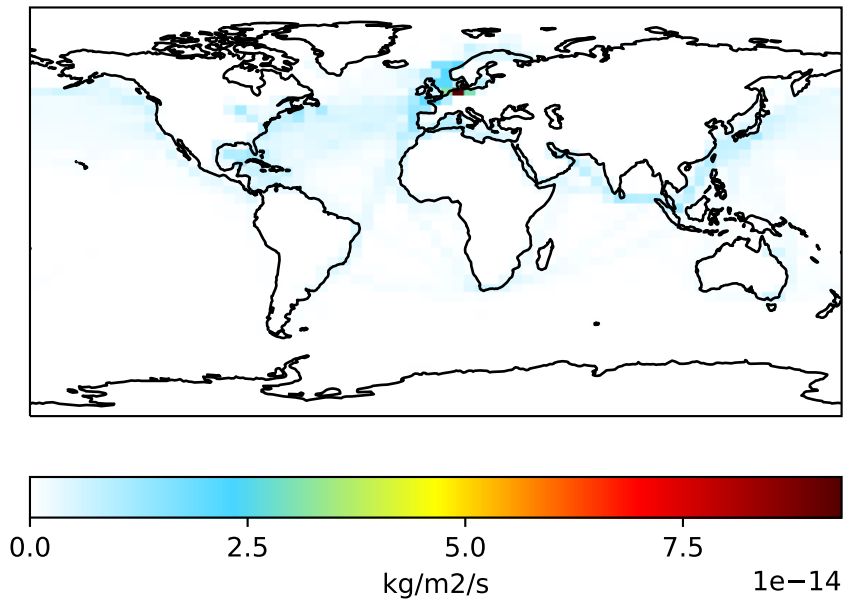


EmisBCPI_Ship (Oct2019)

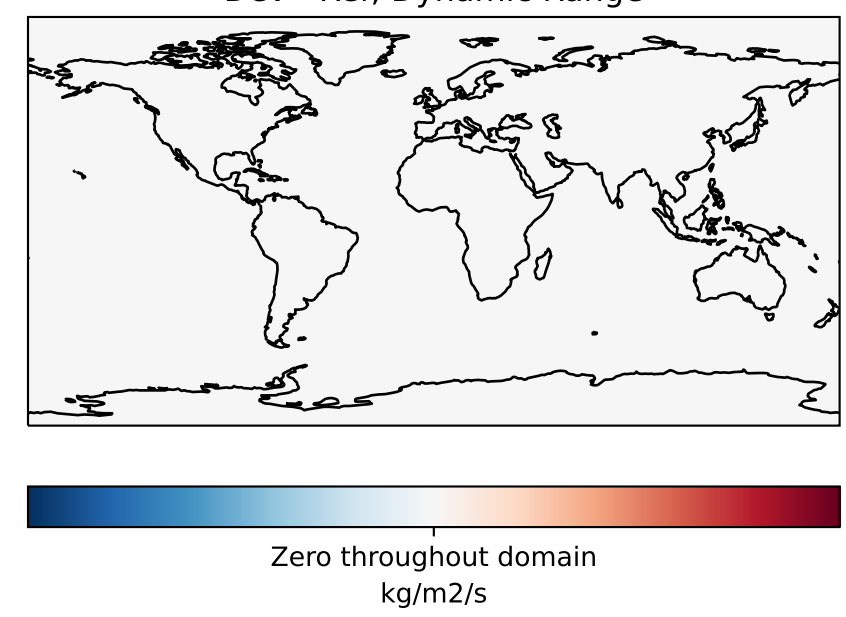
GCC_13.2.0 (Ref)
4.0x5.0



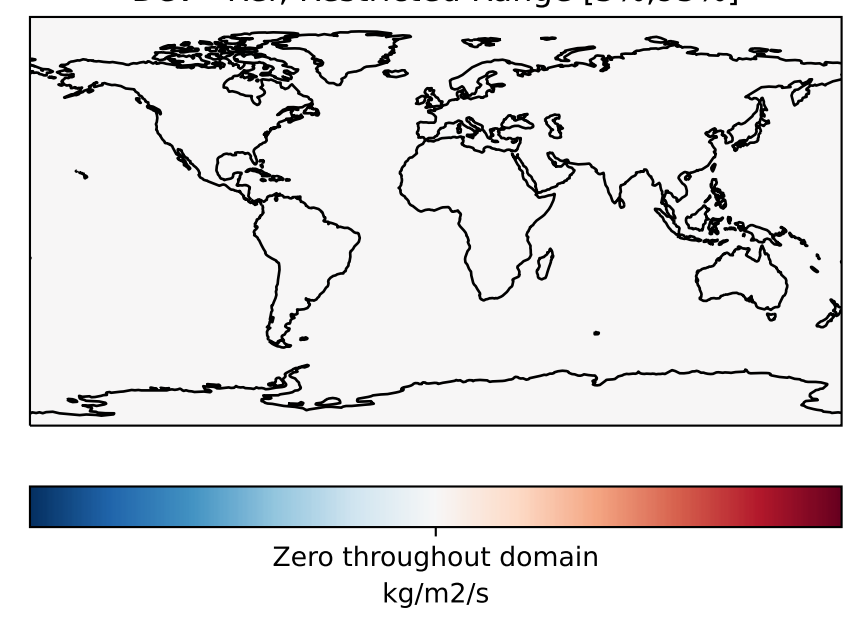
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



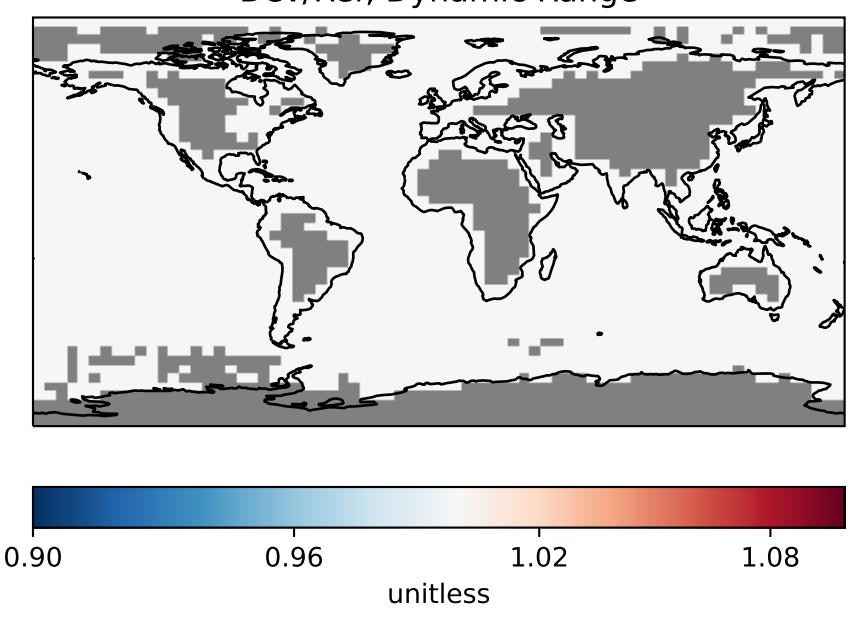
Difference
Dev - Ref, Dynamic Range



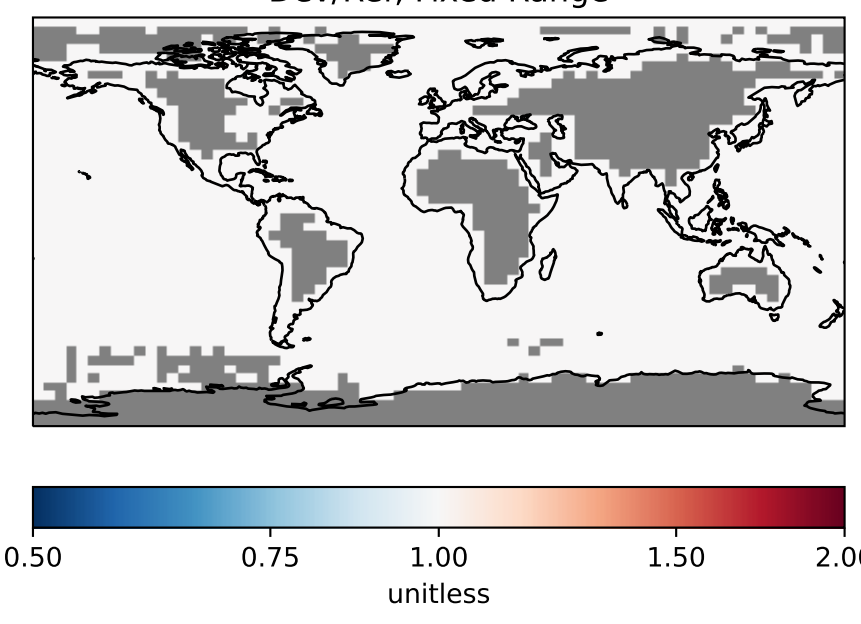
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

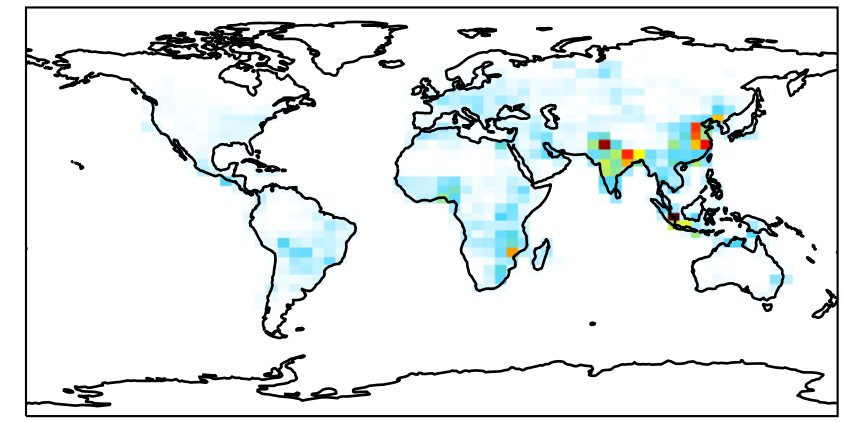


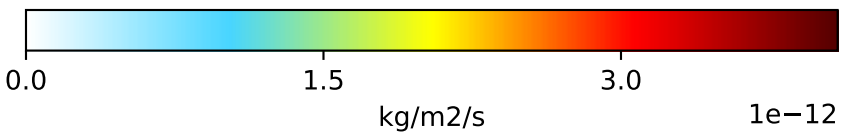
Ratio
Dev/Ref, Fixed Range



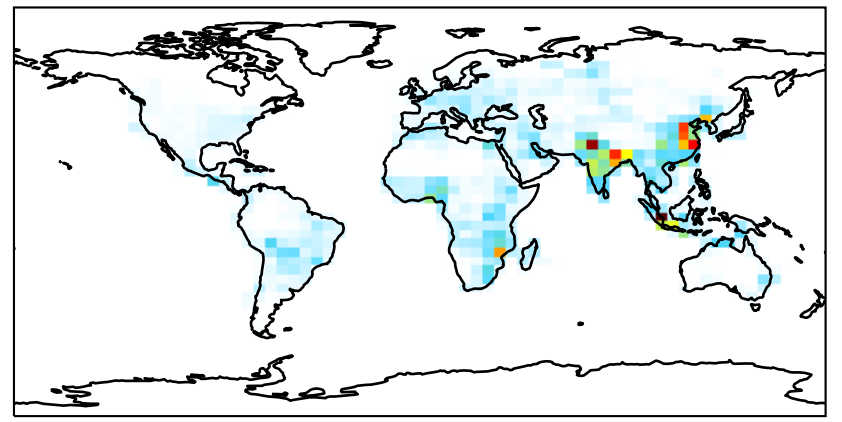
EmisBCPI_Total (Oct2019)

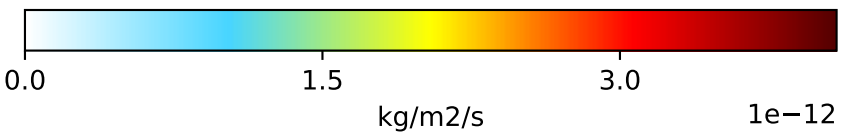
GCC_13.2.0 (Ref)
4.0x5.0



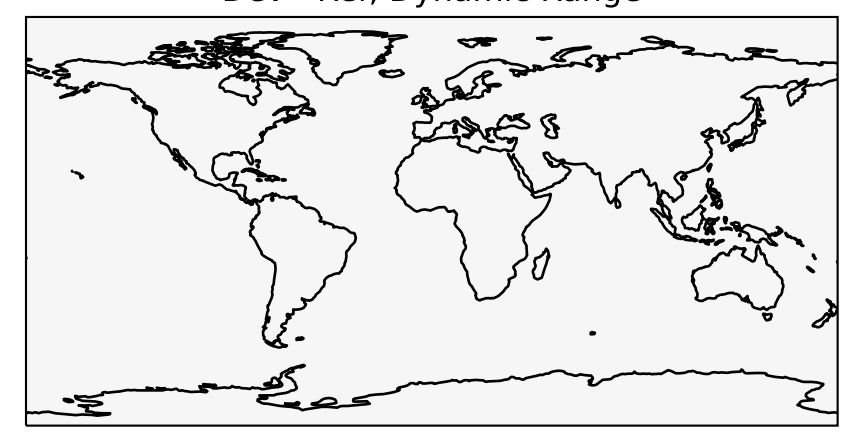


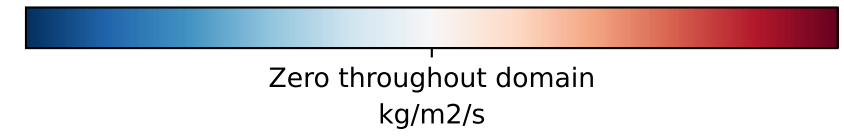
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



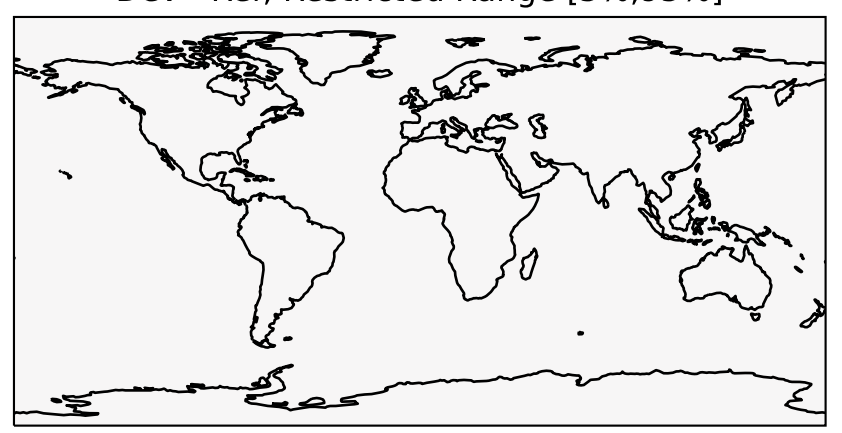


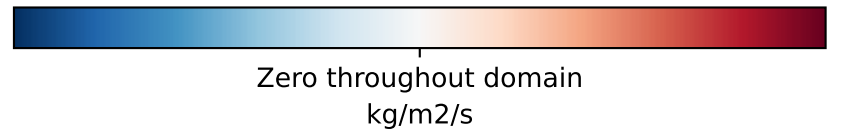
Difference
Dev - Ref, Dynamic Range



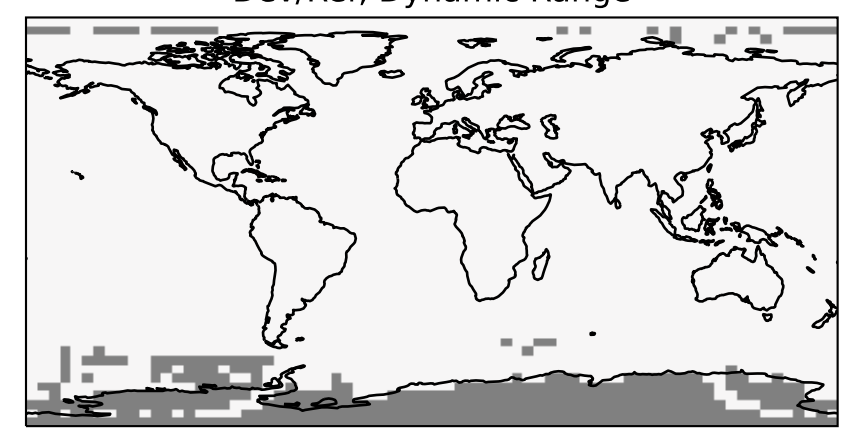


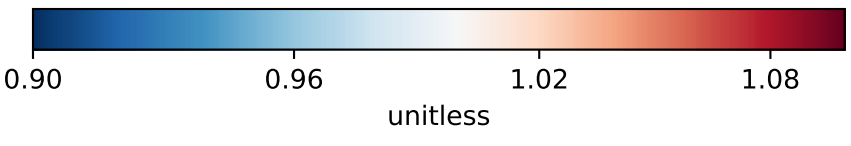
Difference
Dev - Ref, Restricted Range [5%,95%]



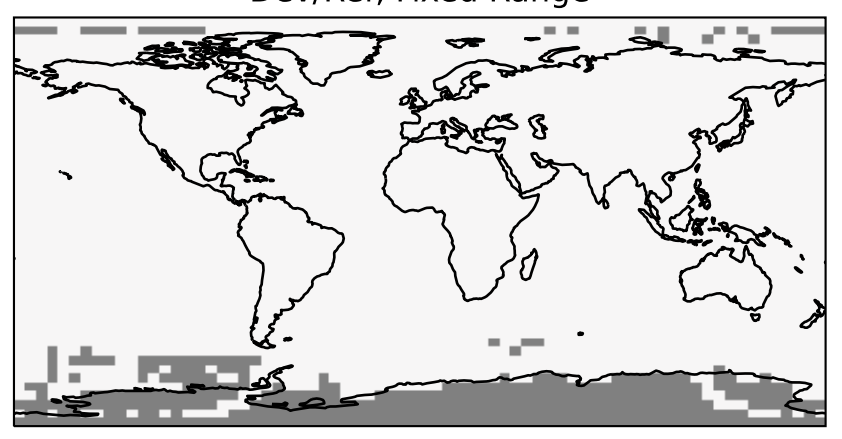


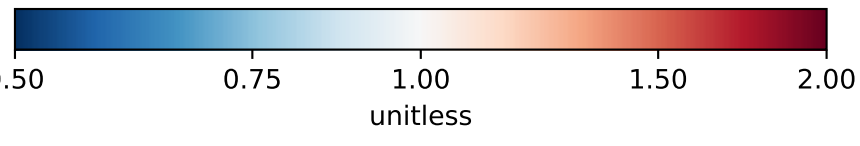
Ratio
Dev/Ref, Dynamic Range





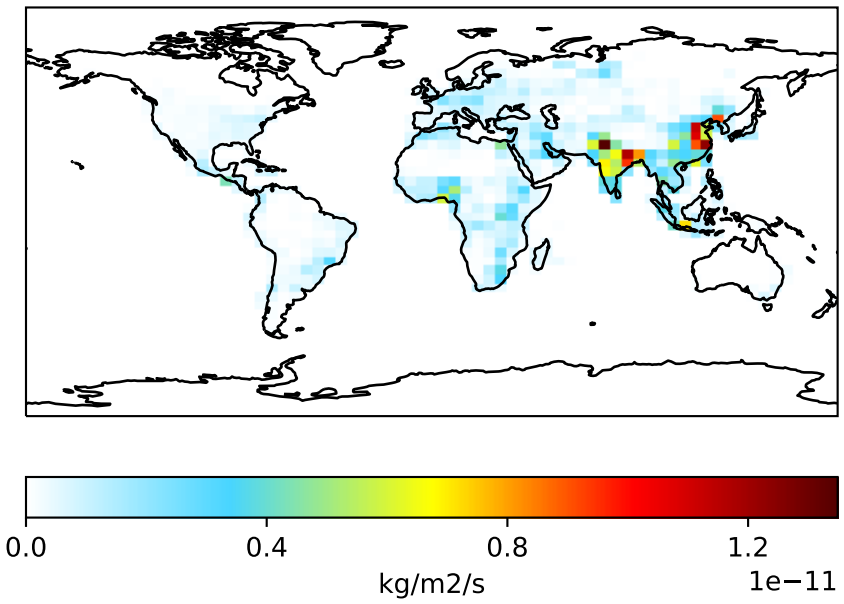
Ratio
Dev/Ref, Fixed Range



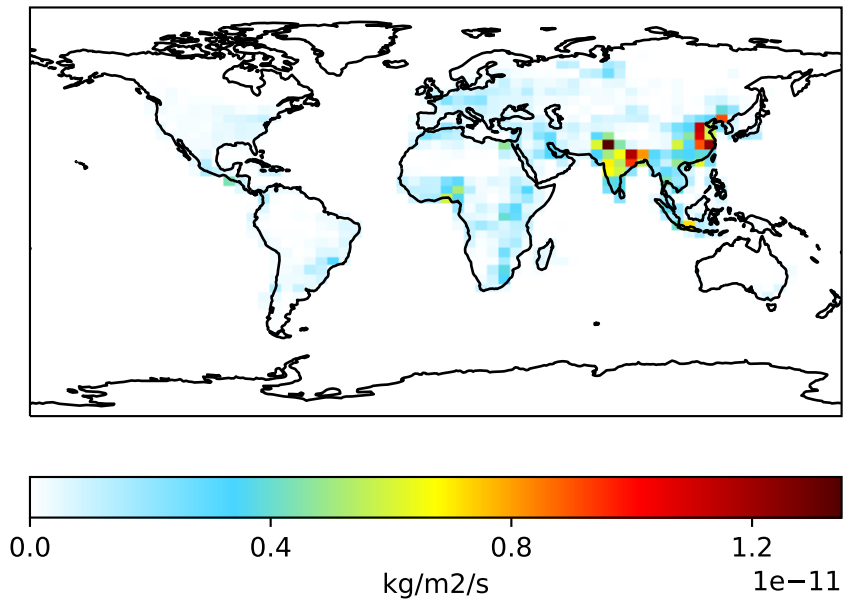


EmisBCPO_Anthro (Oct2019)

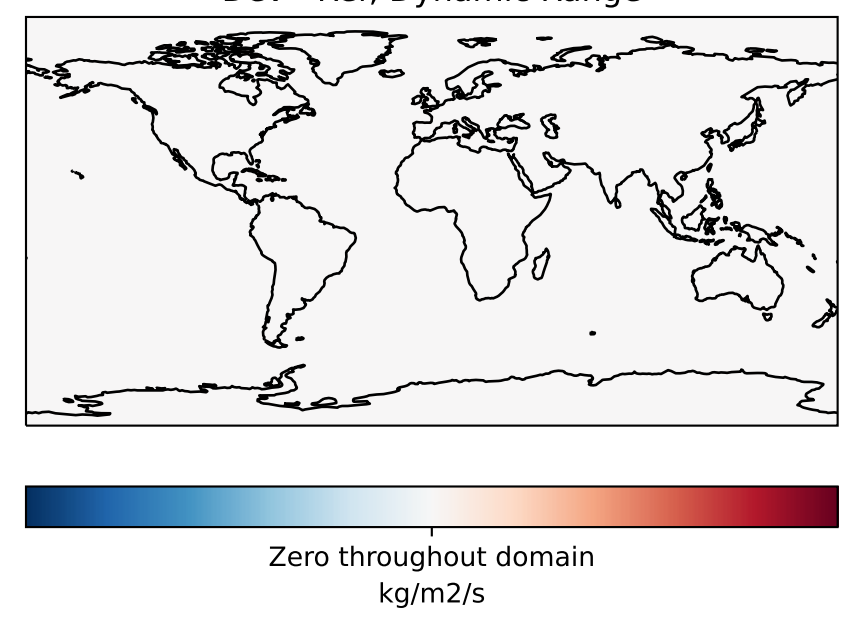
GCC_13.2.0 (Ref)
4.0x5.0



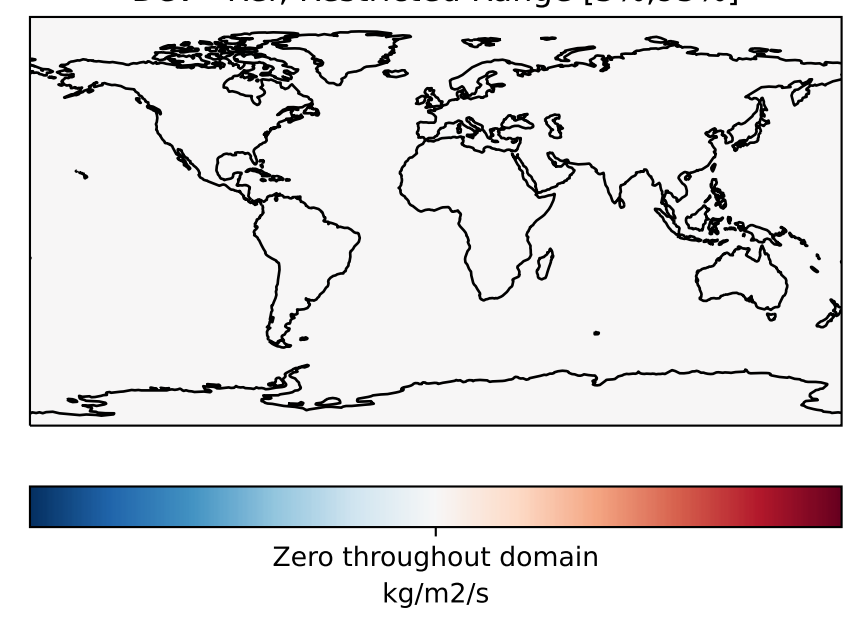
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



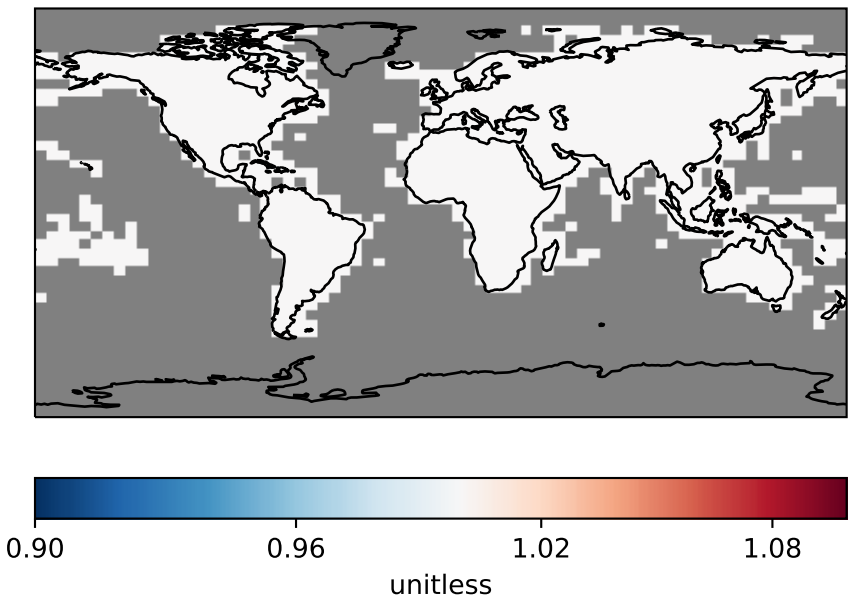
Difference
Dev - Ref, Dynamic Range



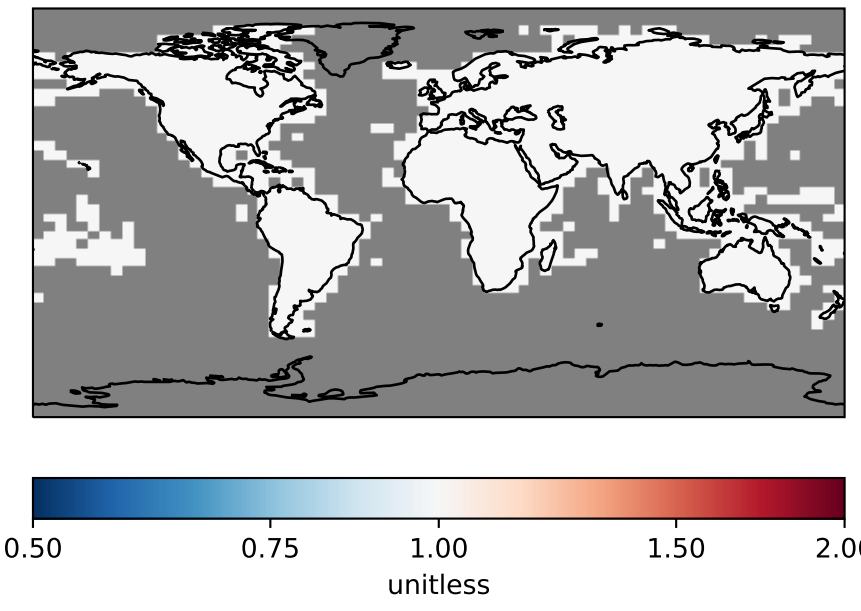
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

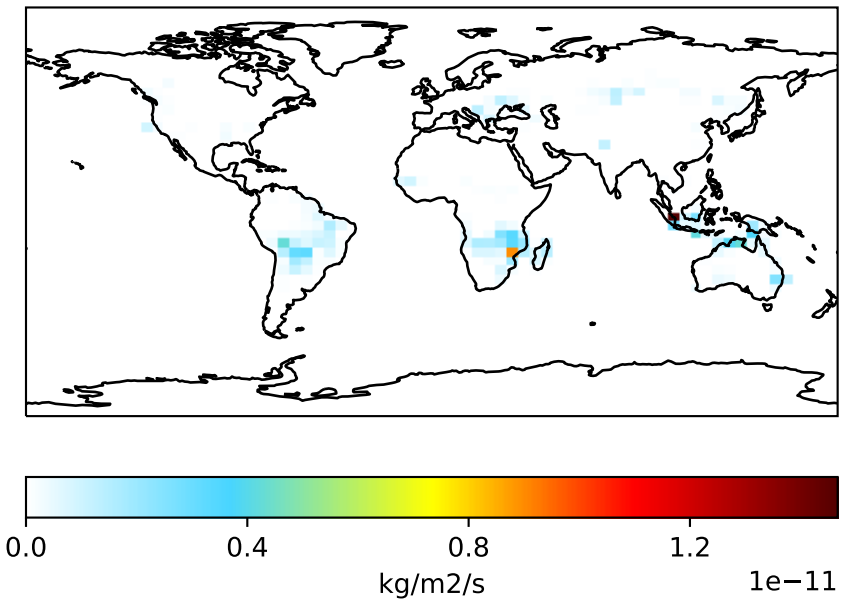


Ratio
Dev/Ref, Fixed Range

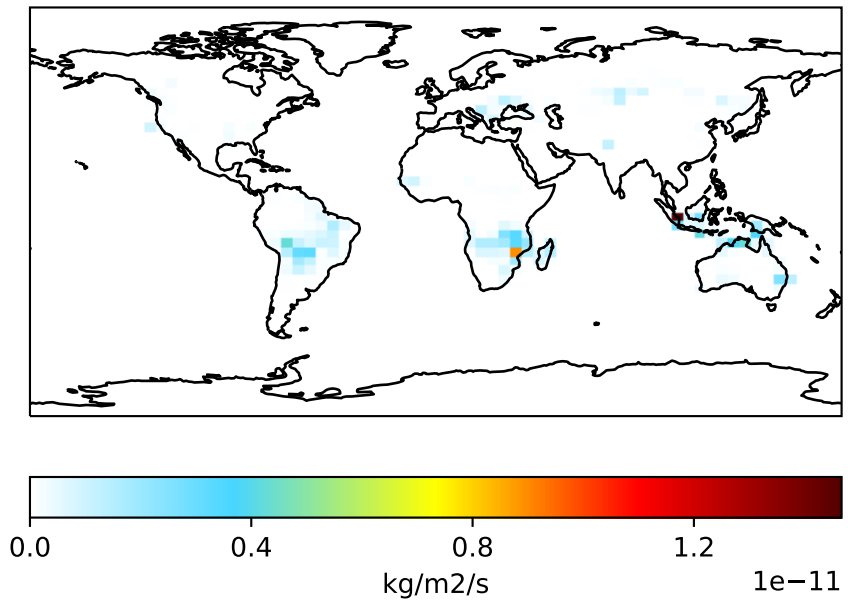


EmisBCPO_BioBurn (Oct2019)

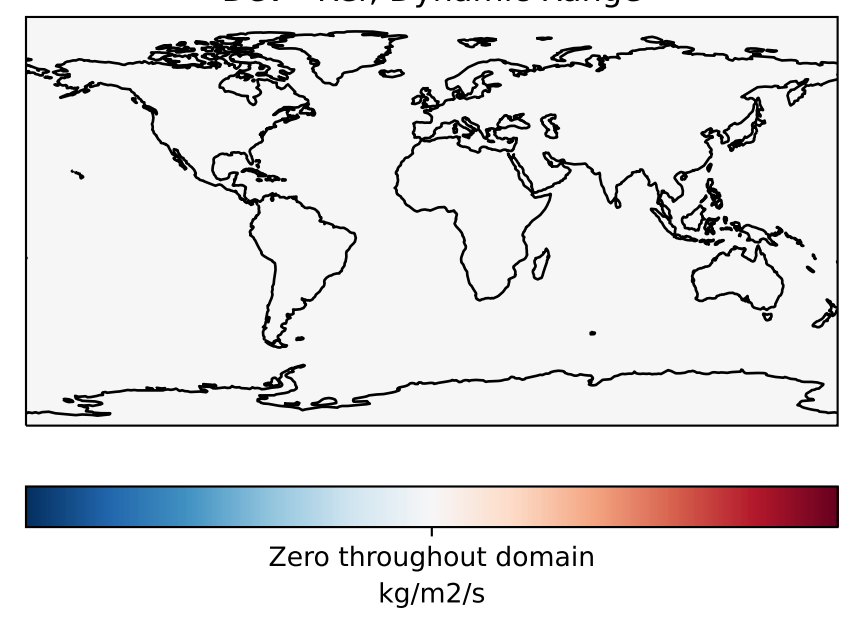
GCC_13.2.0 (Ref)
4.0x5.0



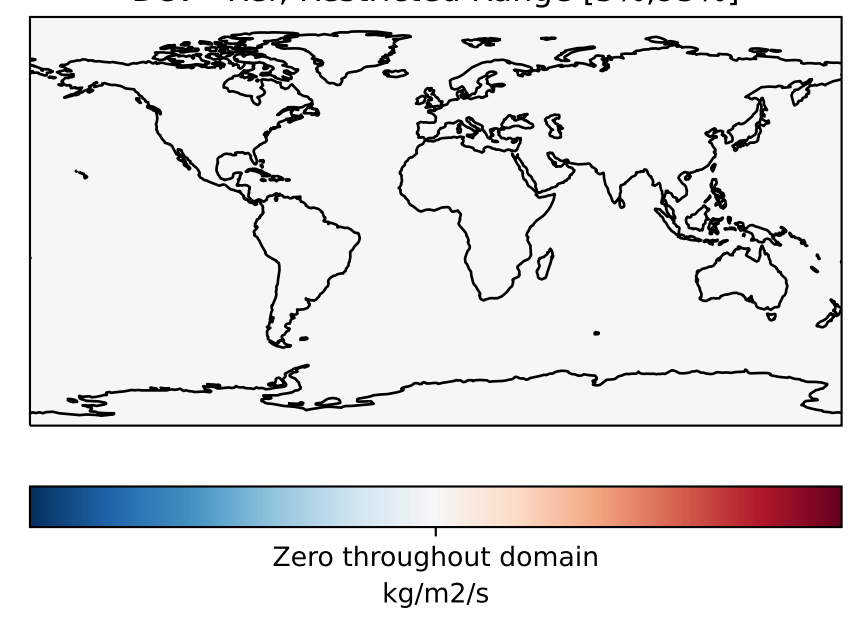
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



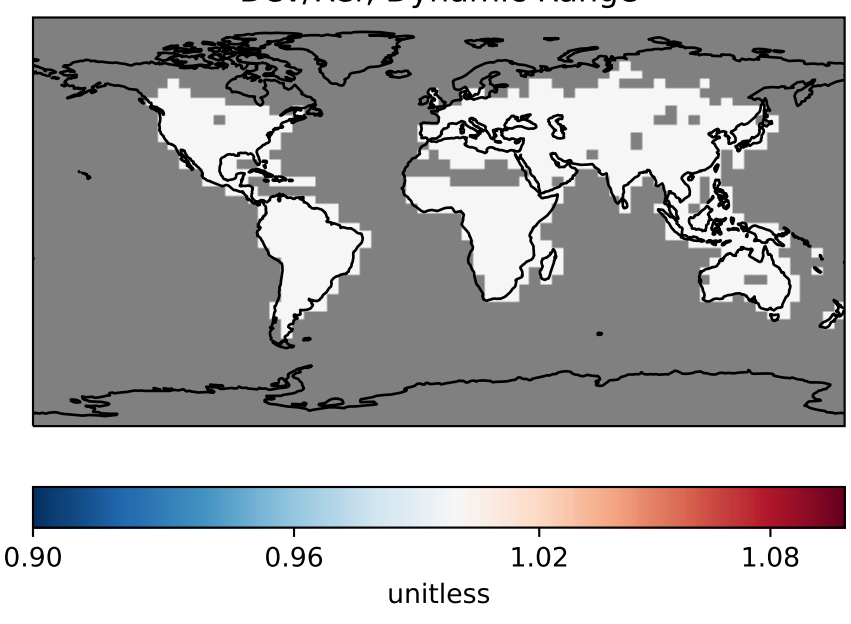
Difference
Dev - Ref, Dynamic Range



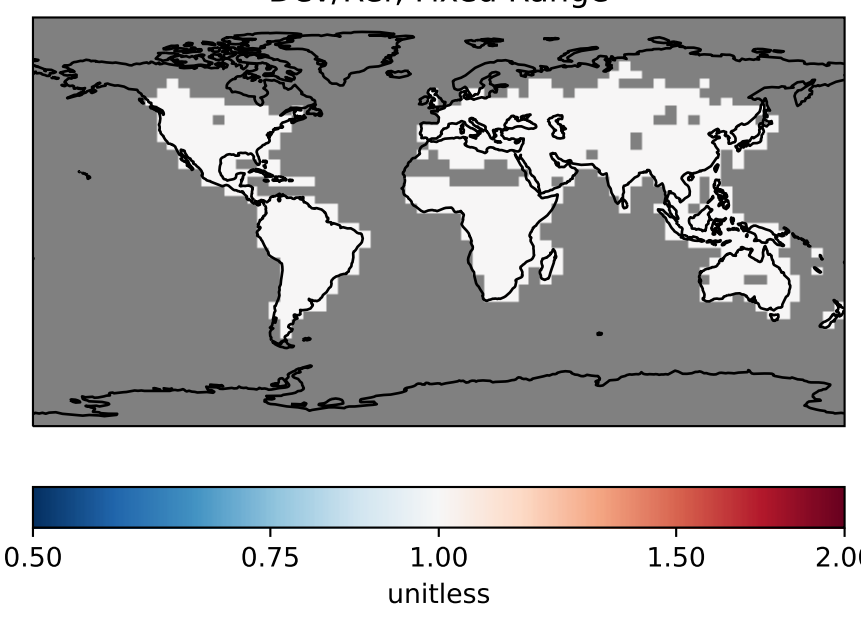
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

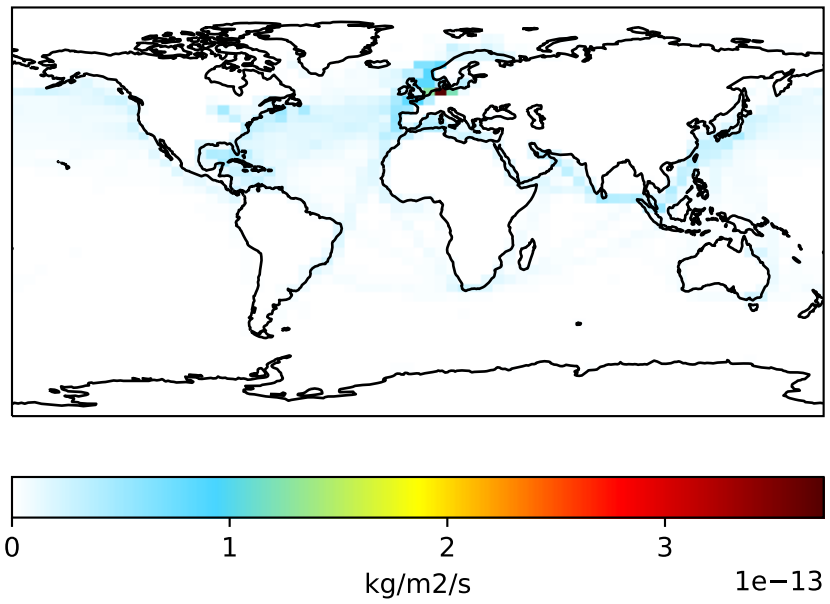


Ratio
Dev/Ref, Fixed Range

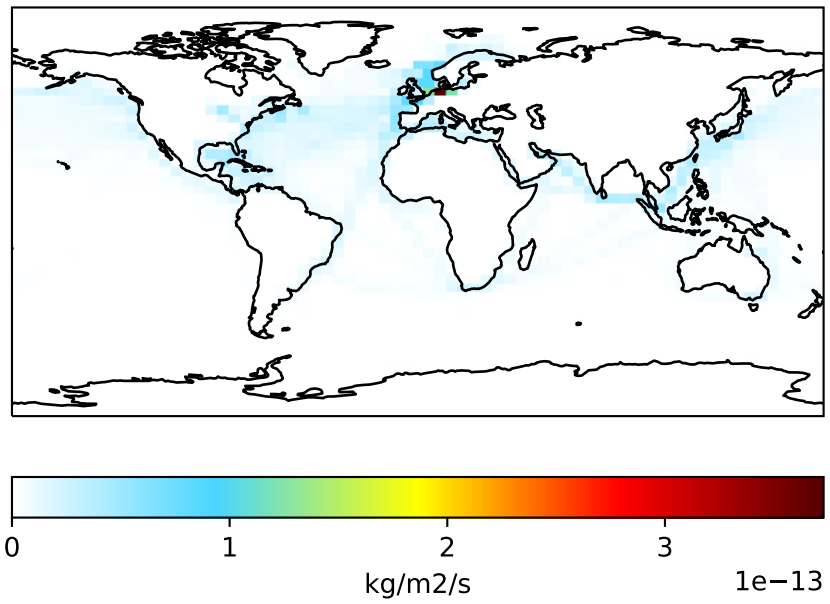


EmisBCPO_Ship (Oct2019)

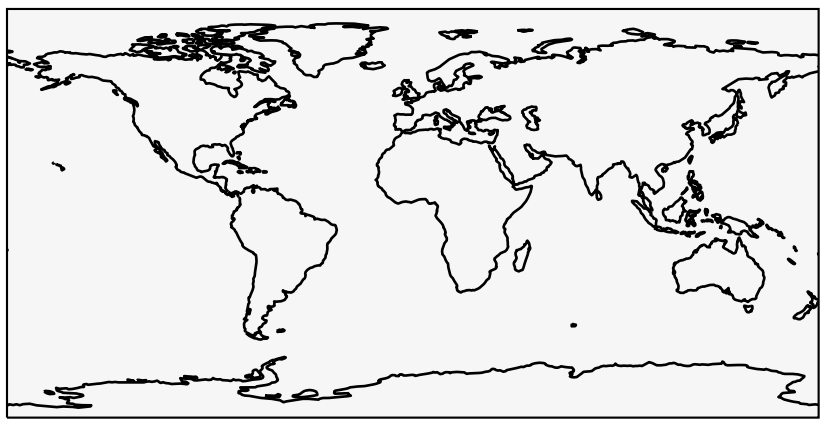
GCC_13.2.0 (Ref)
4.0x5.0

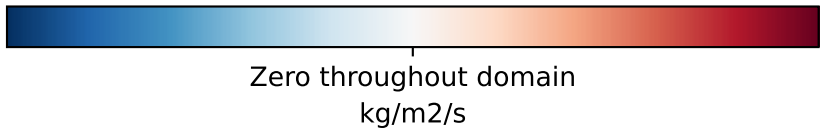


GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0

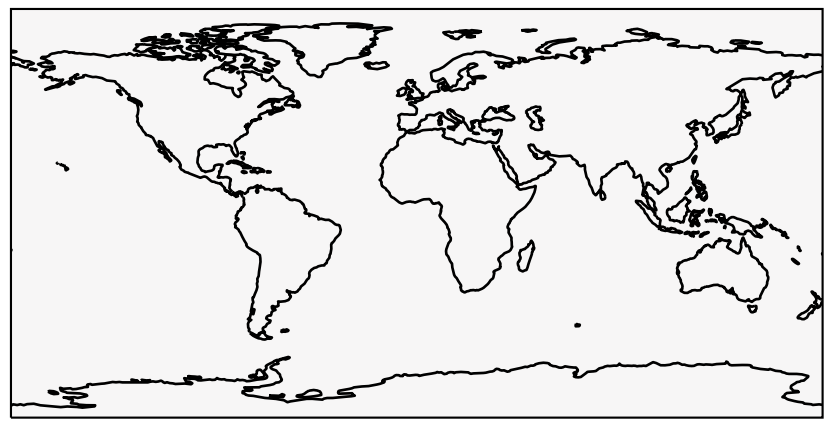


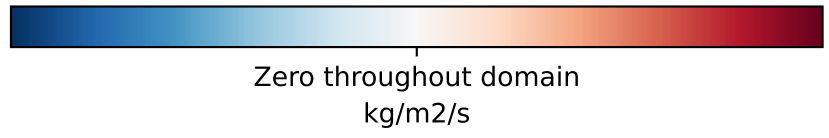
Difference
Dev - Ref, Dynamic Range



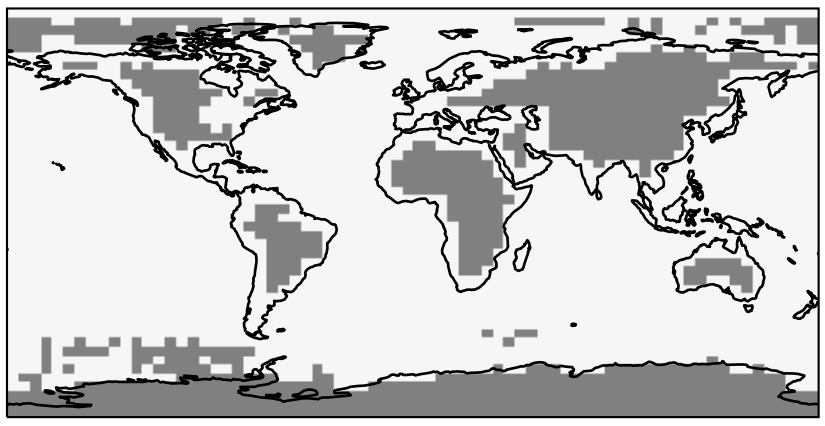


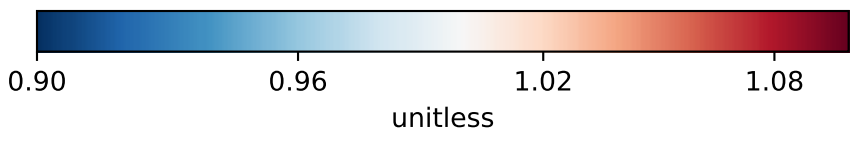
Difference
Dev - Ref, Restricted Range [5%,95%]



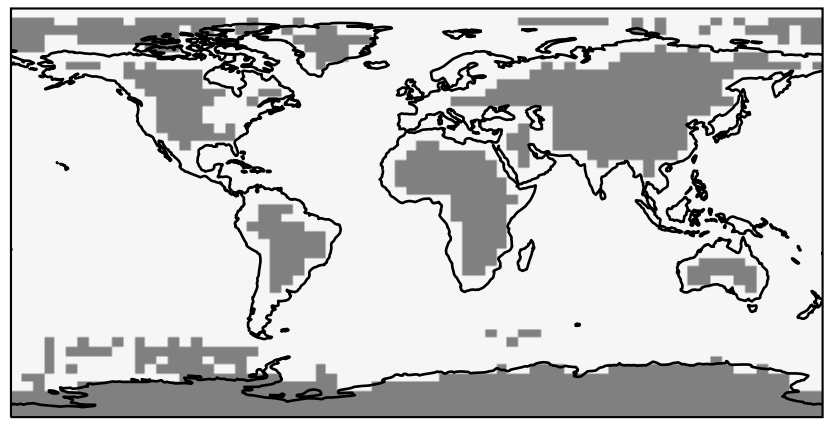


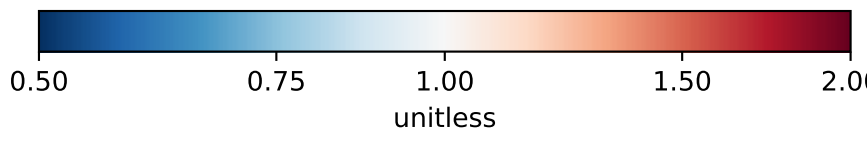
Ratio
Dev/Ref, Dynamic Range





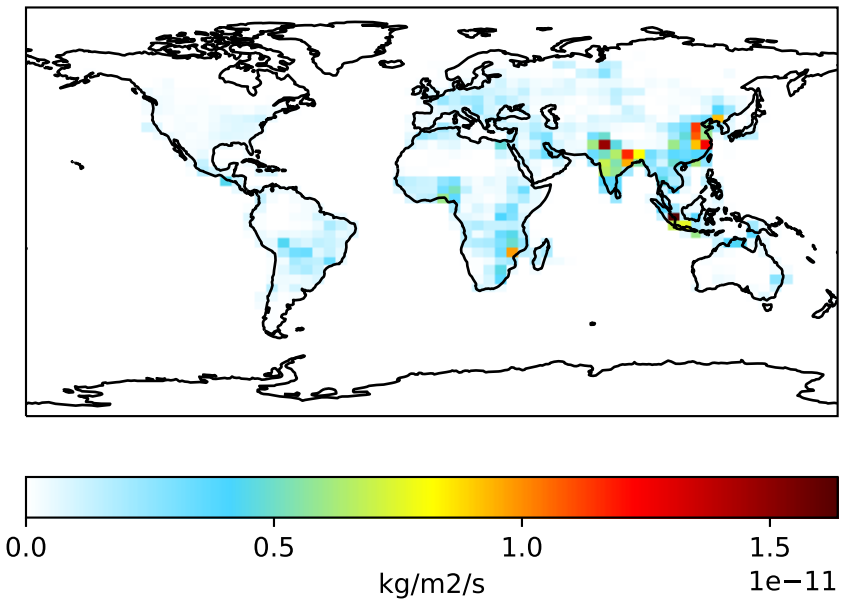
Ratio
Dev/Ref, Fixed Range



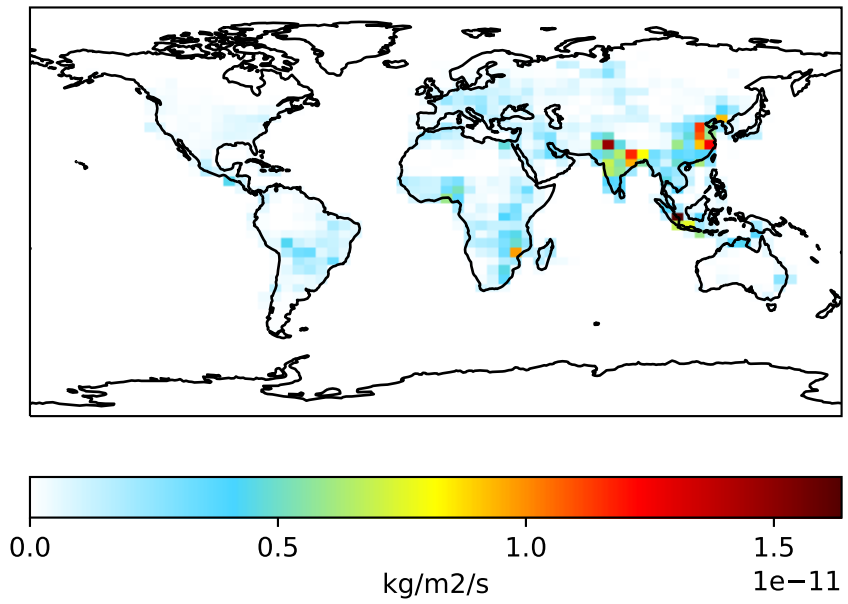


EmisBCPO_Total (Oct2019)

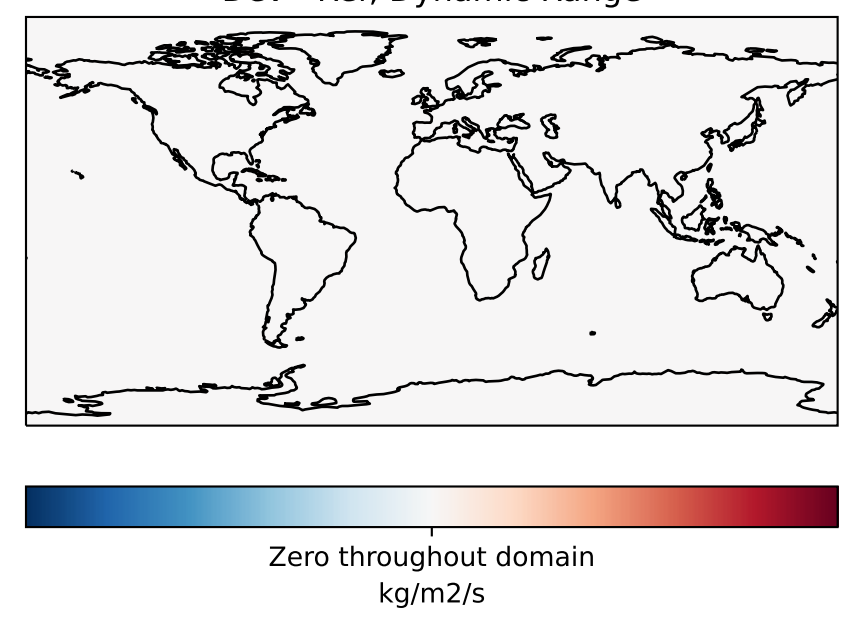
GCC_13.2.0 (Ref)
4.0x5.0



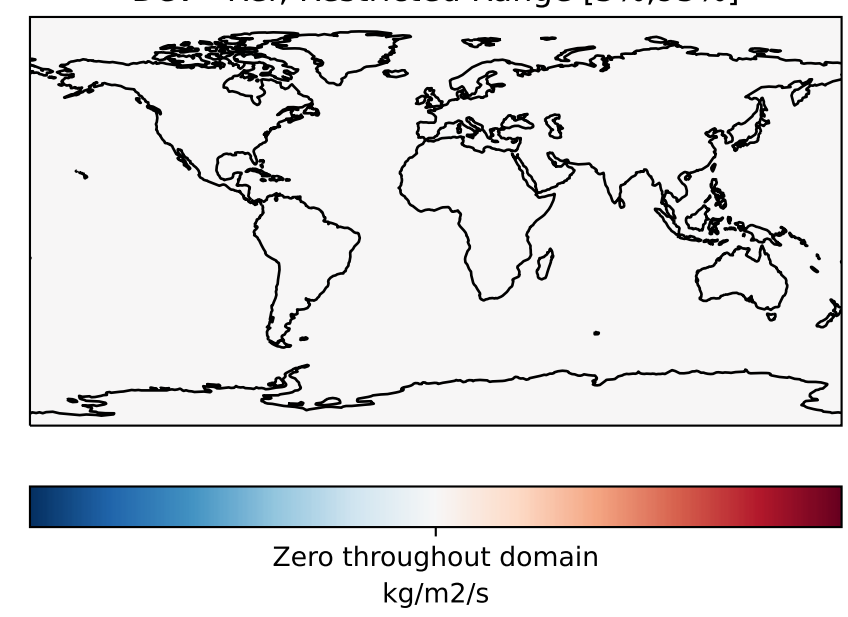
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



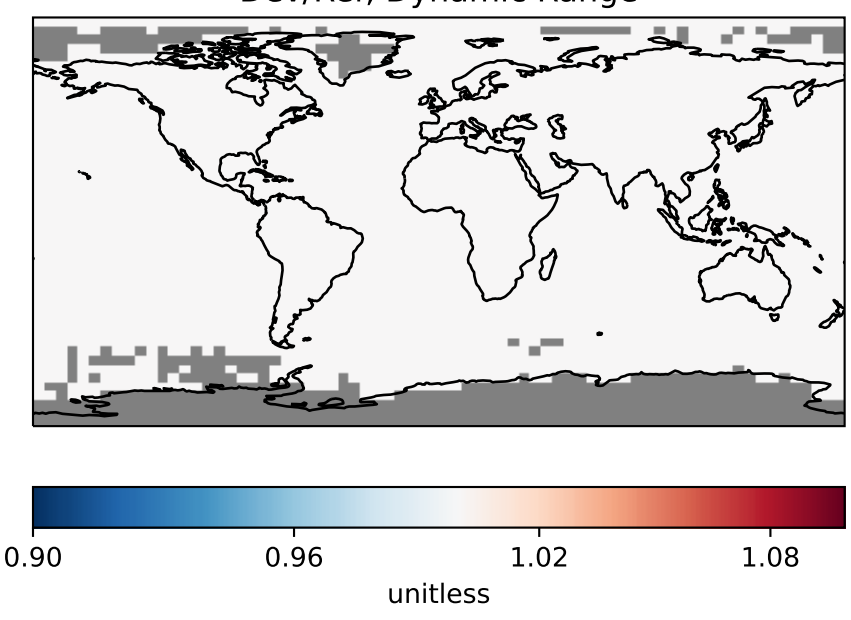
Difference
Dev - Ref, Dynamic Range



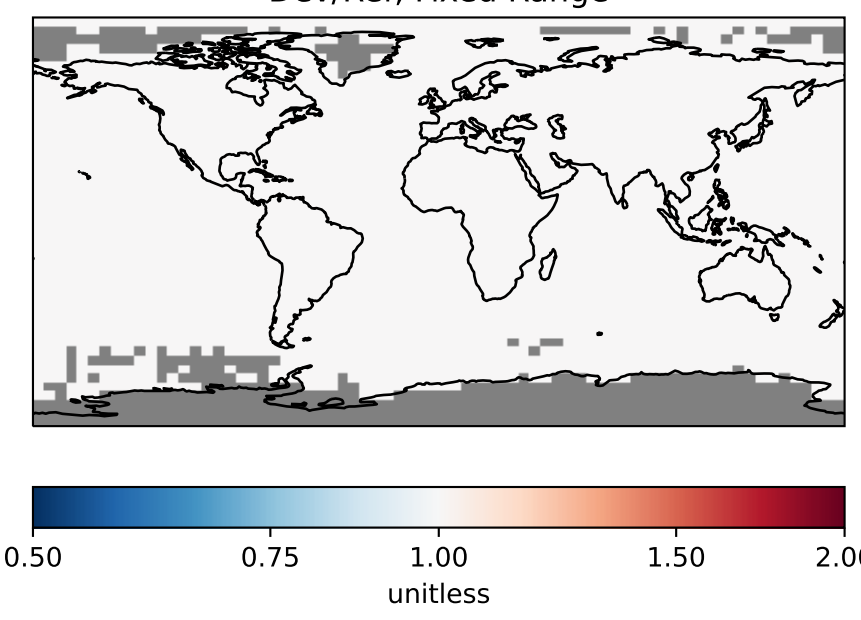
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

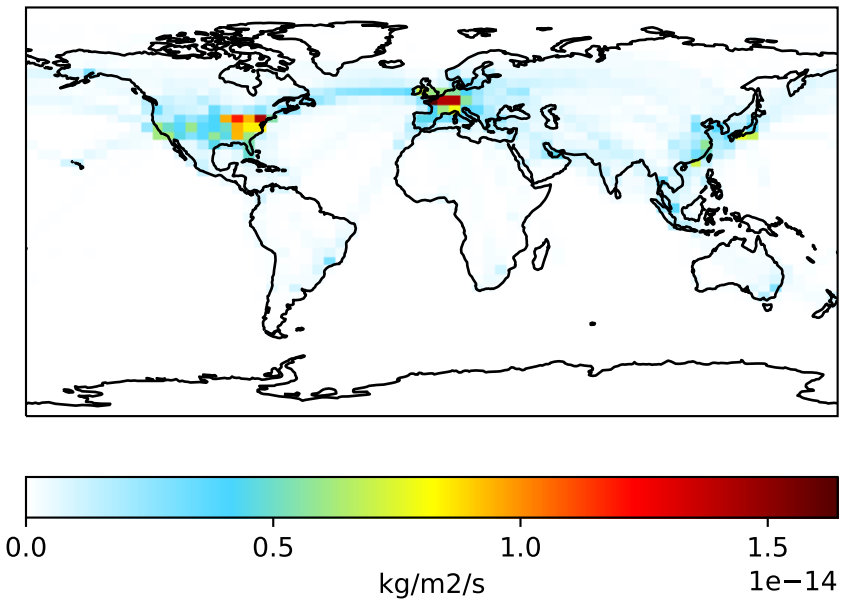


Ratio
Dev/Ref, Fixed Range

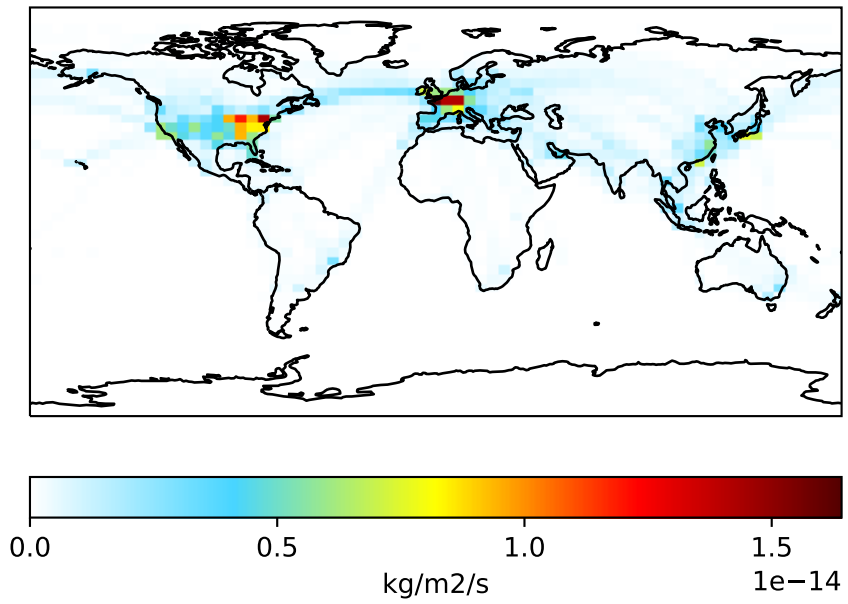


EmisOCPI_Aircraft (Oct2019)

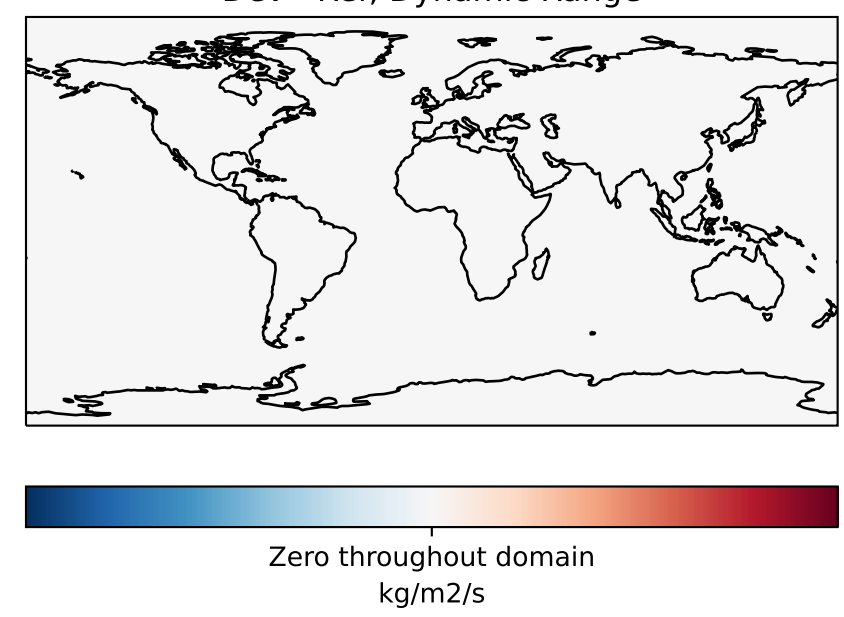
GCC_13.2.0 (Ref)
4.0x5.0



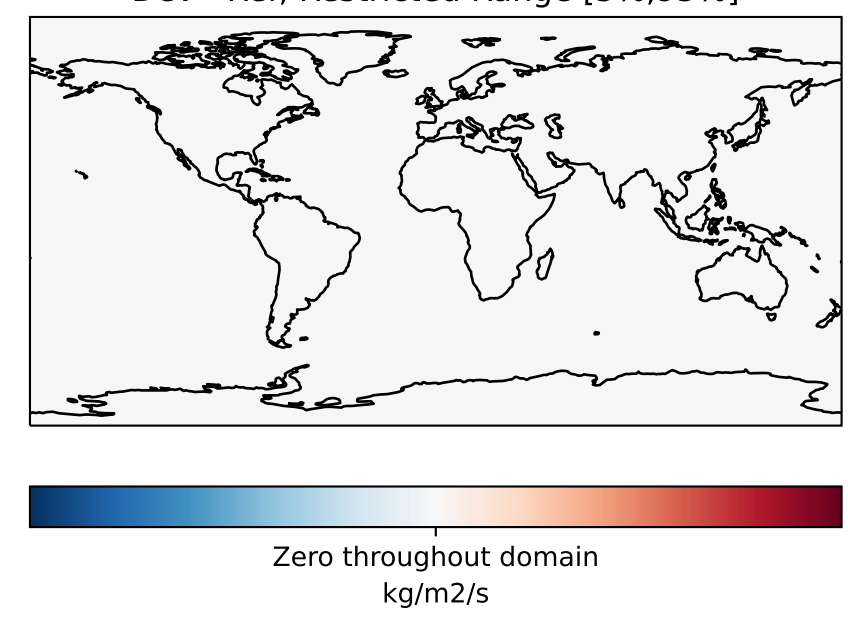
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



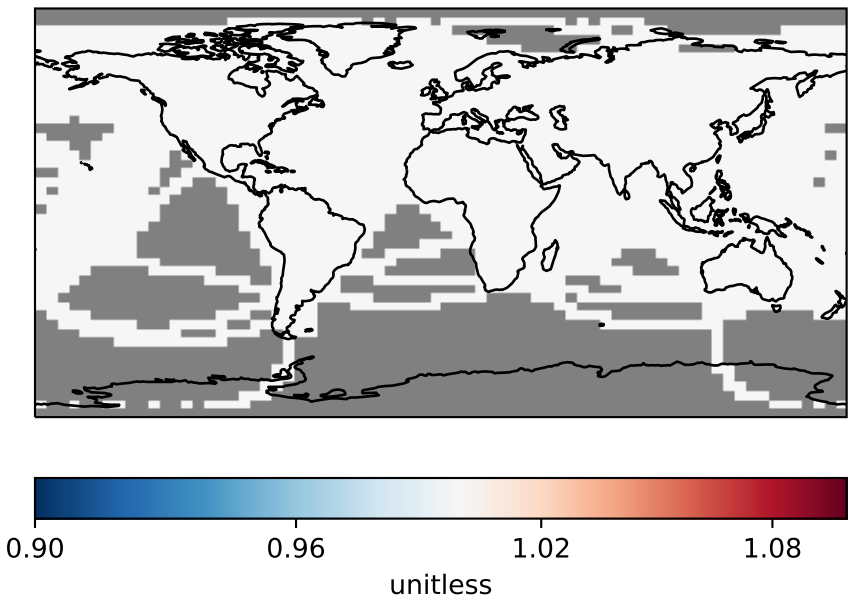
Difference
Dev - Ref, Dynamic Range



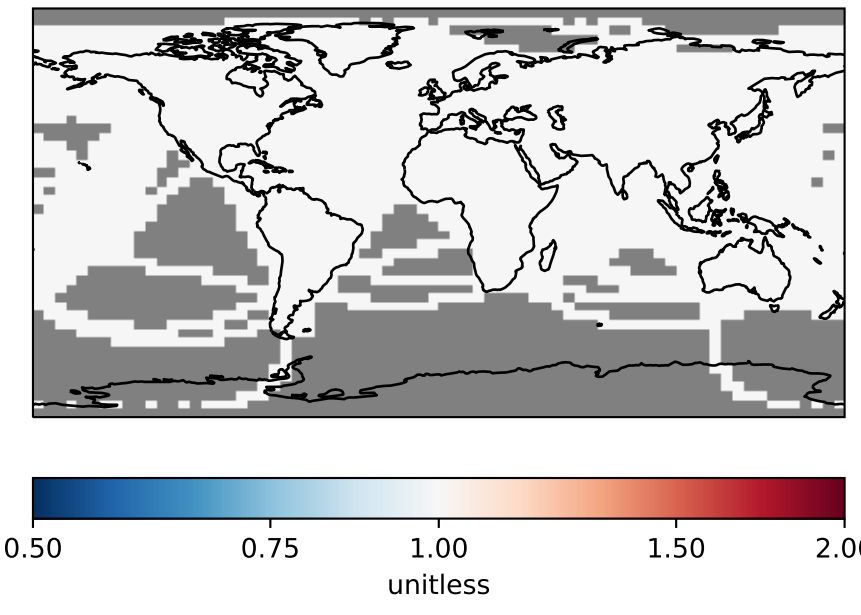
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

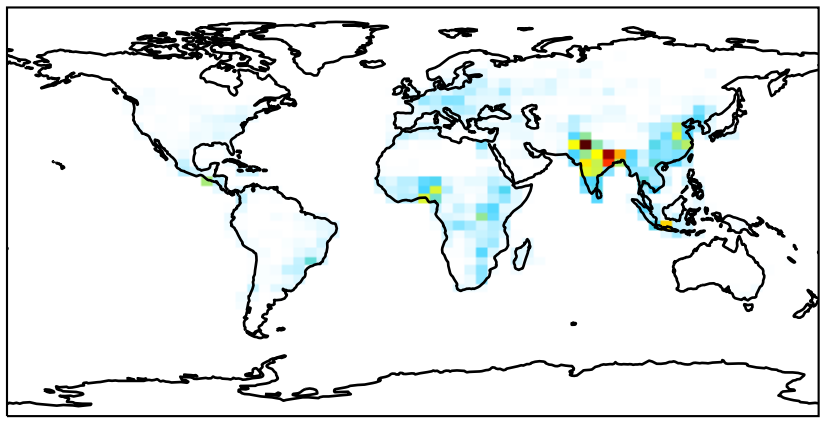


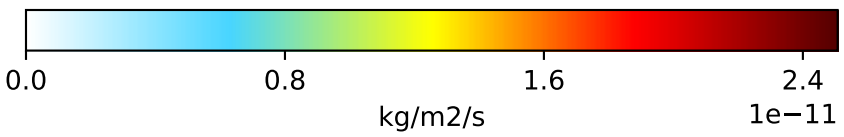
Ratio
Dev/Ref, Fixed Range



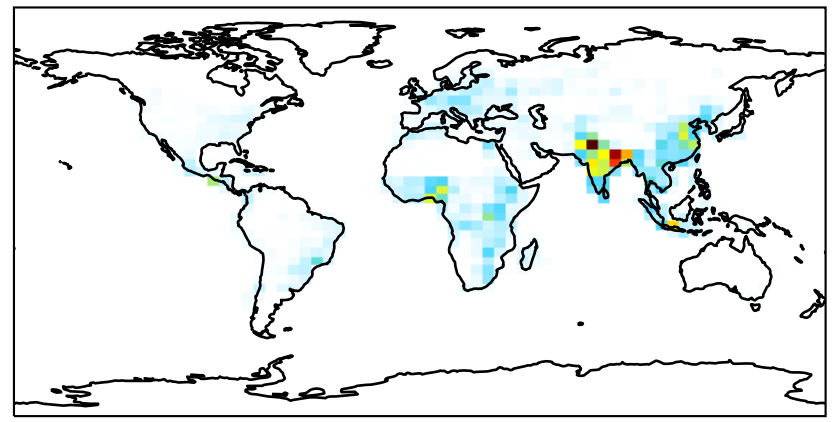
EmisOCPI_Anthro (Oct2019)

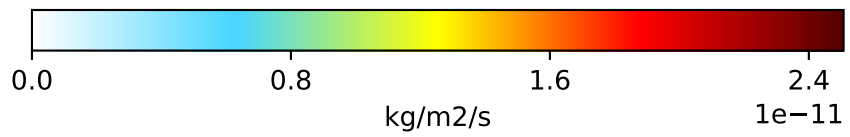
GCC_13.2.0 (Ref)
4.0x5.0



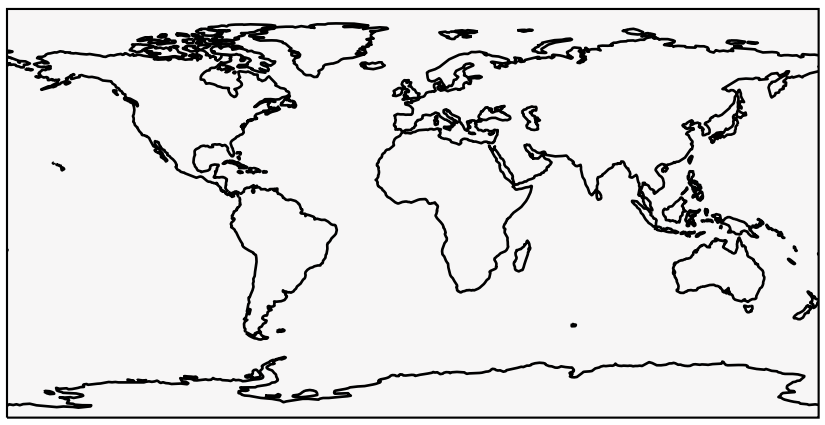


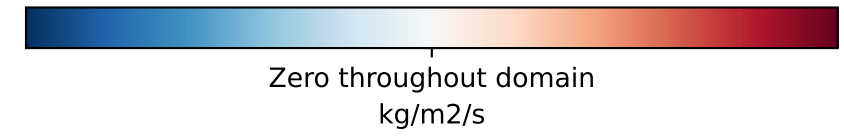
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



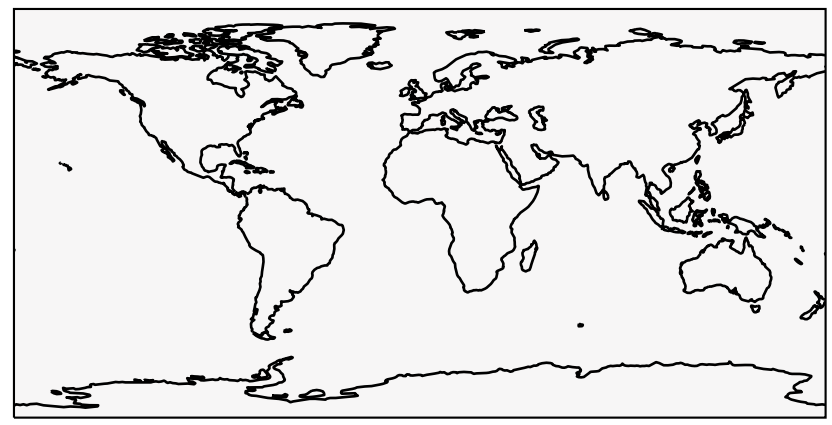


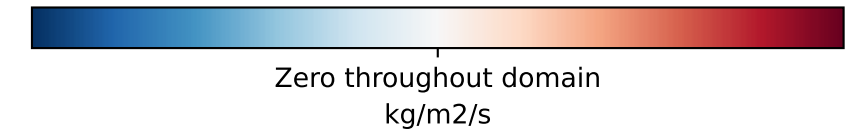
Difference
Dev - Ref, Dynamic Range



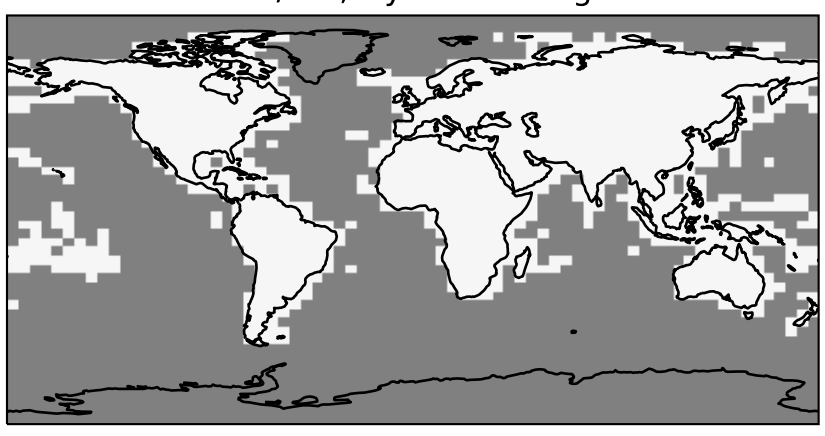


Difference
Dev - Ref, Restricted Range [5%,95%]

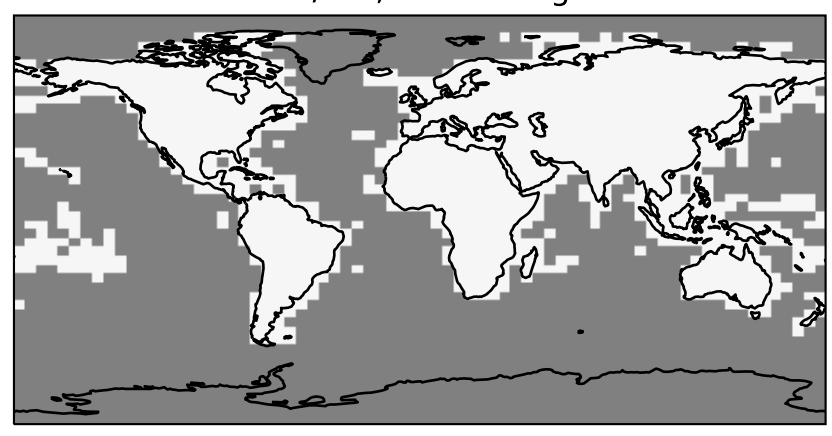


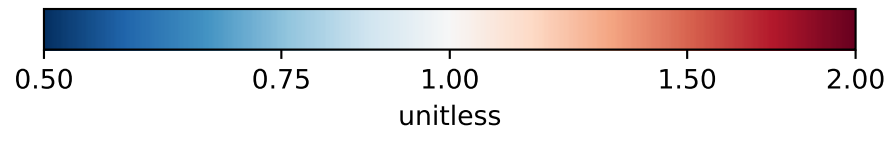


Ratio
Dev/Ref, Dynamic Range



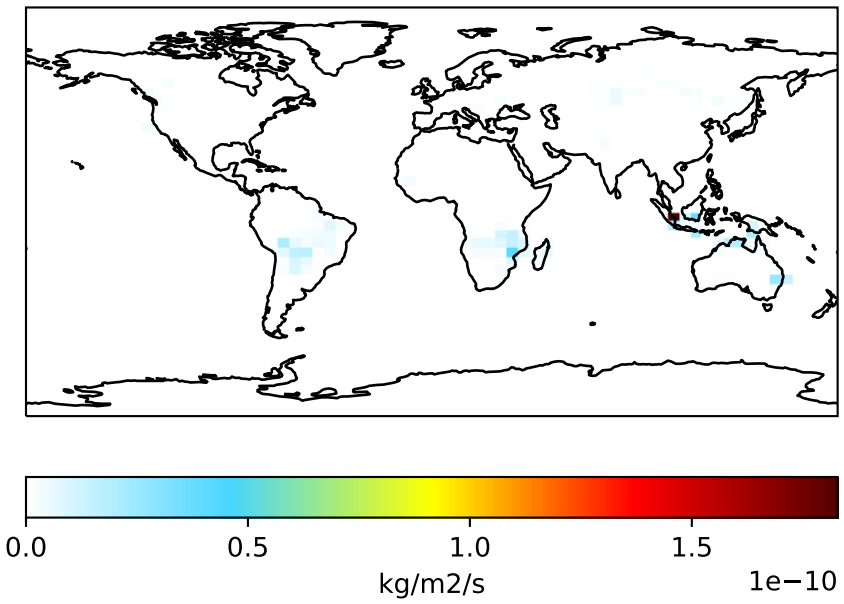
Ratio
Dev/Ref, Fixed Range



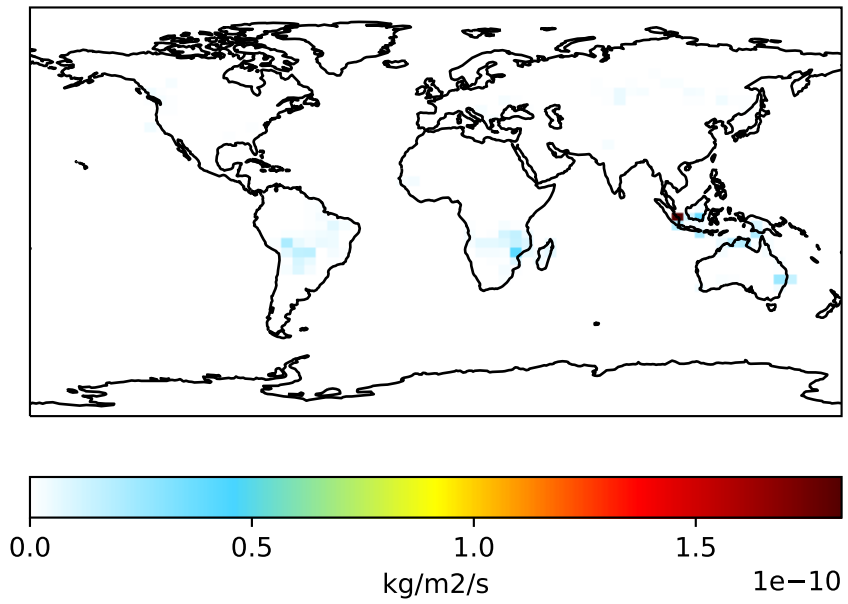


EmisOCPI_BioBurn (Oct2019)

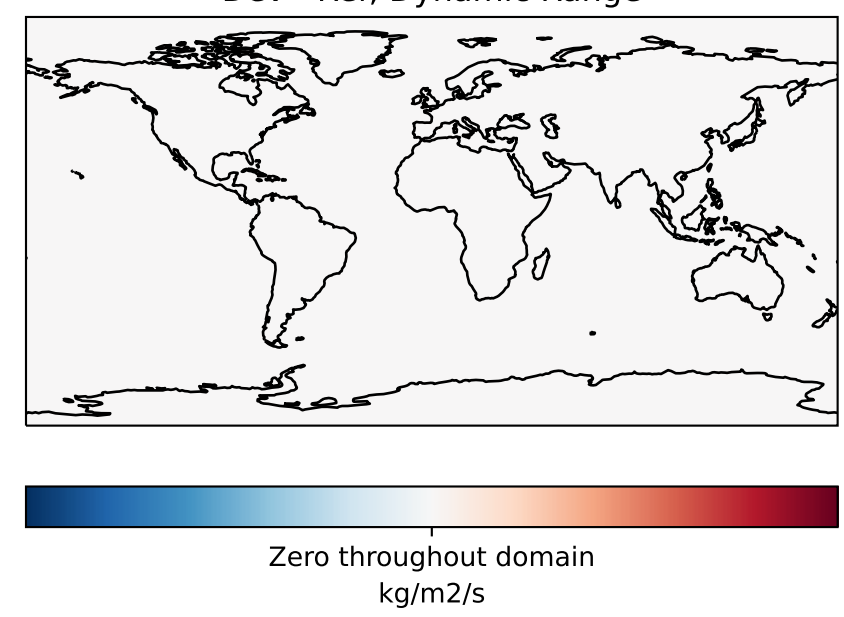
GCC_13.2.0 (Ref)
4.0x5.0



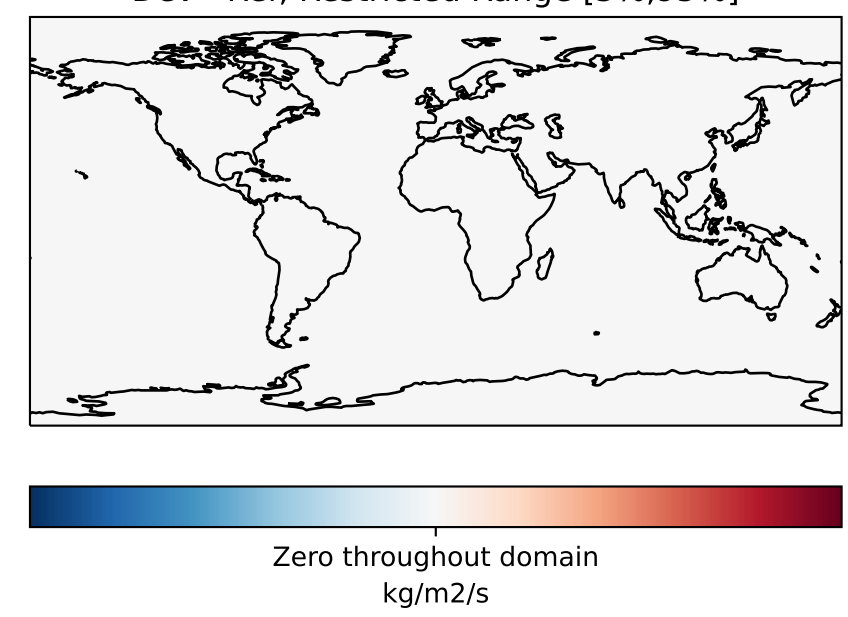
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



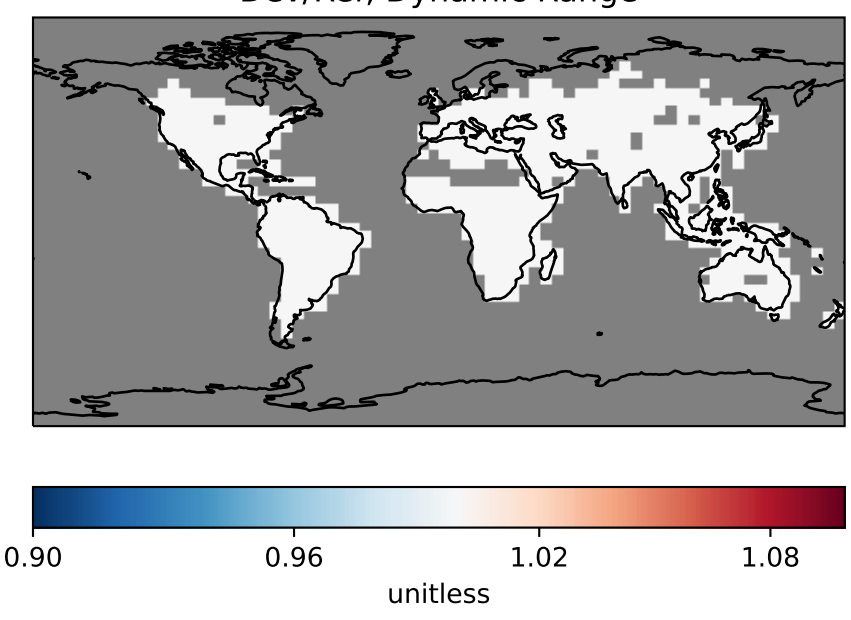
Difference
Dev - Ref, Dynamic Range



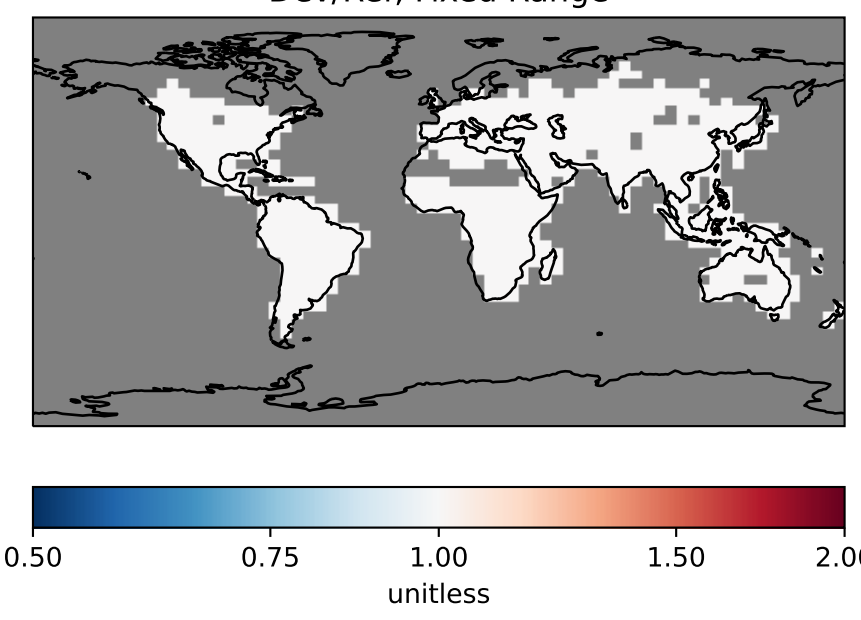
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

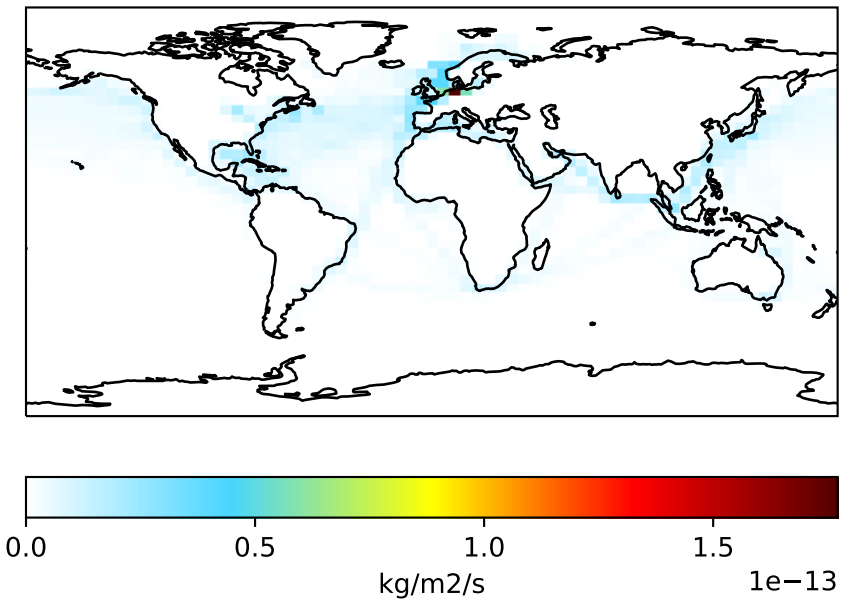


Ratio
Dev/Ref, Fixed Range

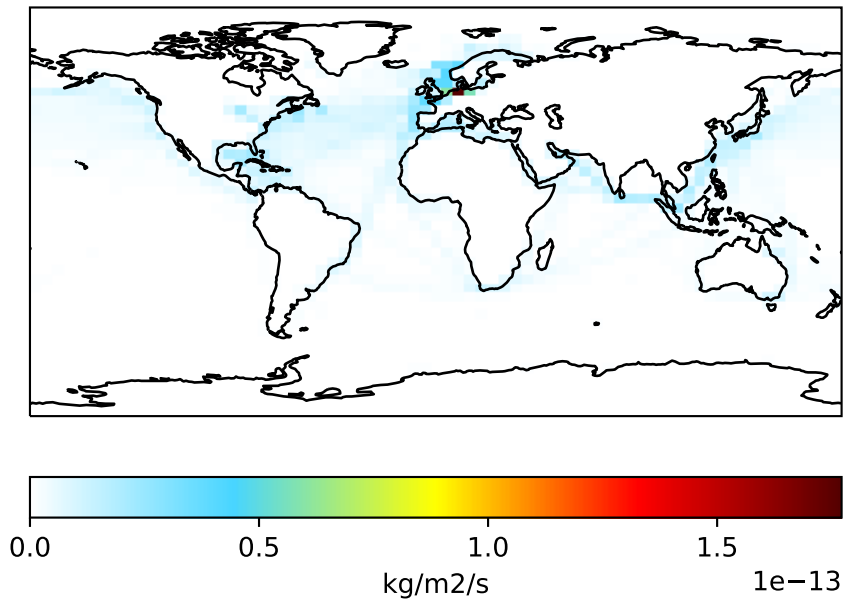


EmisOCPI_Ship (Oct2019)

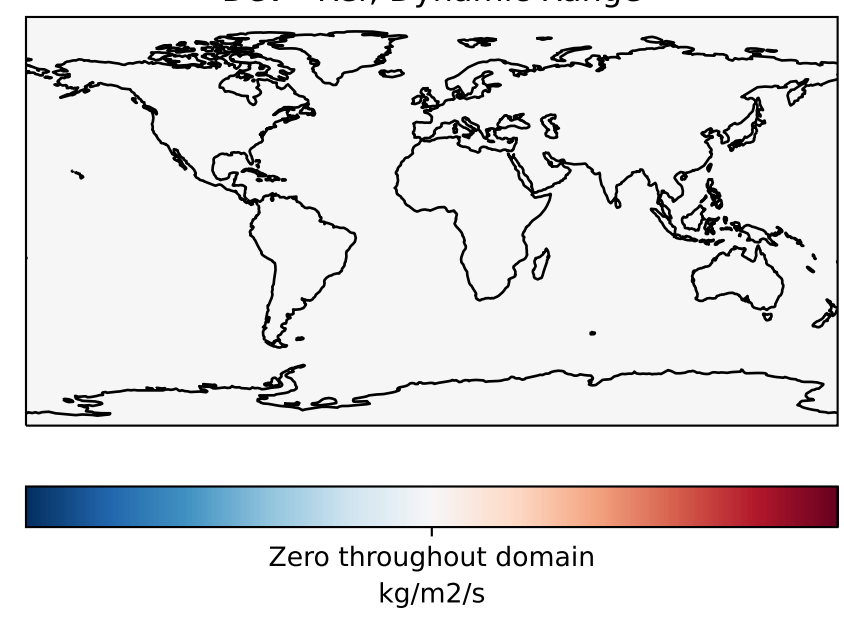
GCC_13.2.0 (Ref)
4.0x5.0



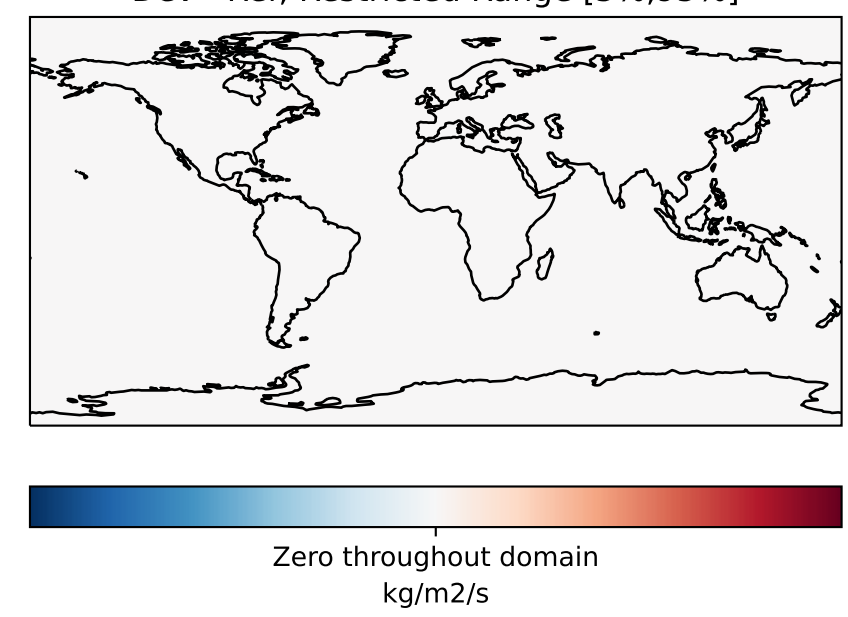
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



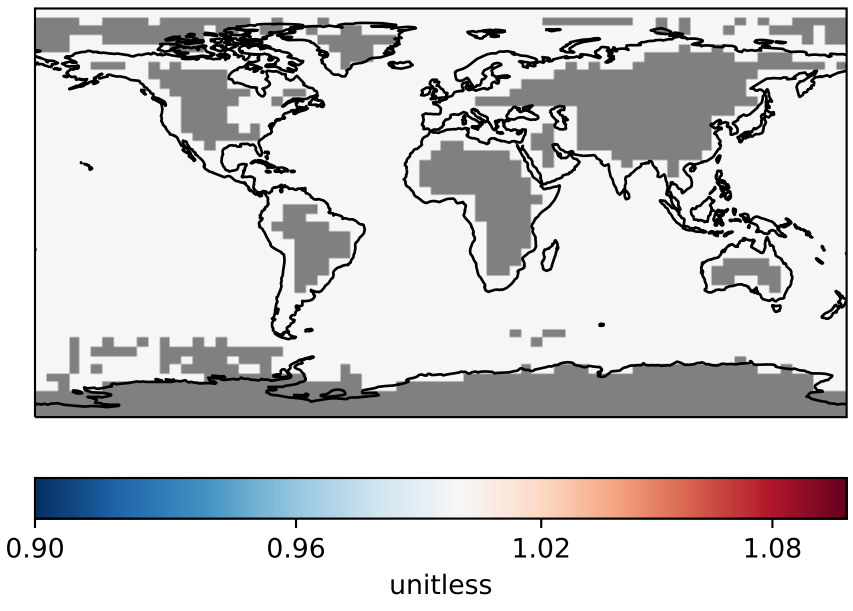
Difference
Dev - Ref, Dynamic Range



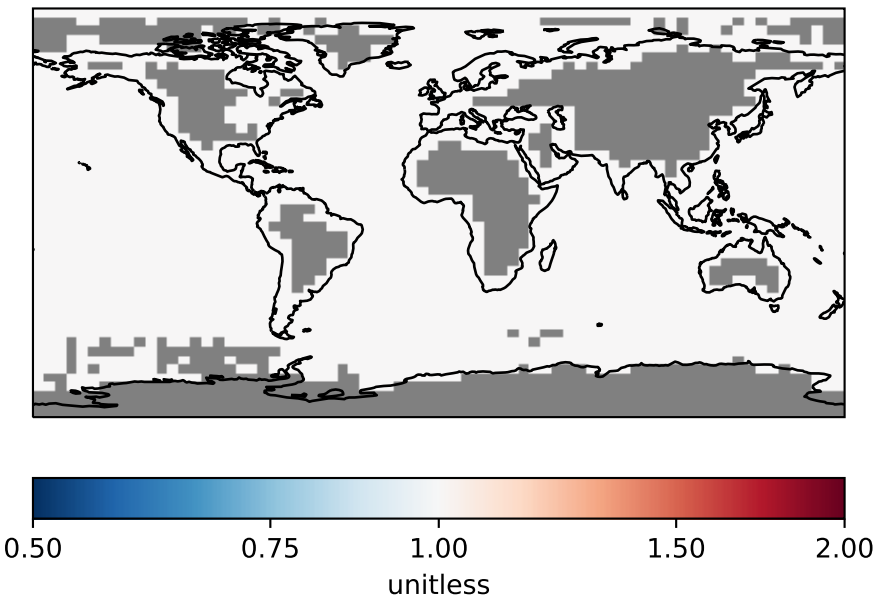
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

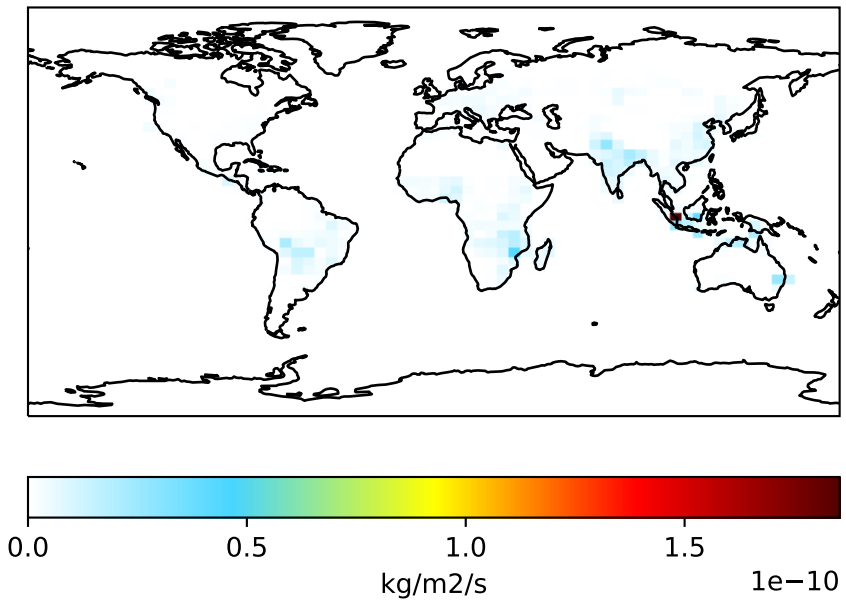


Ratio
Dev/Ref, Fixed Range

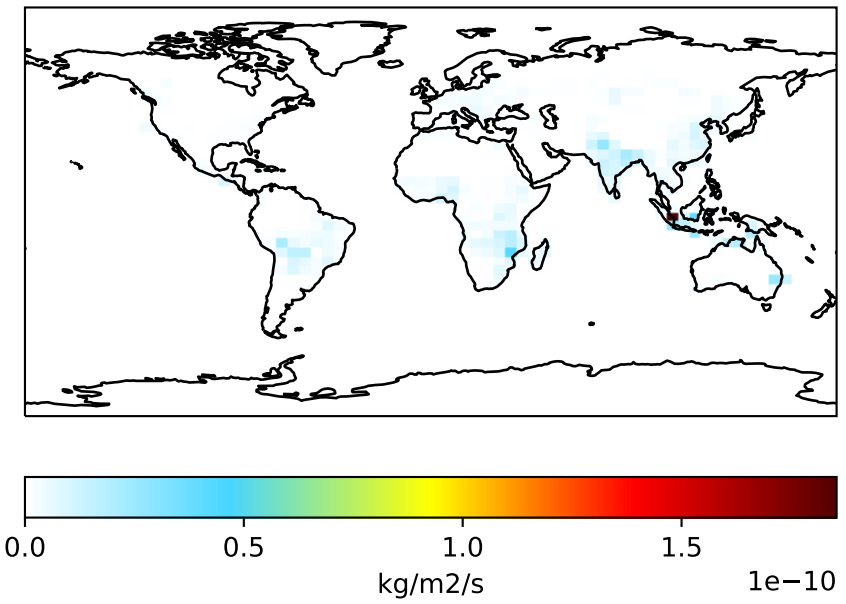


EmisOCPI_Total (Oct2019)

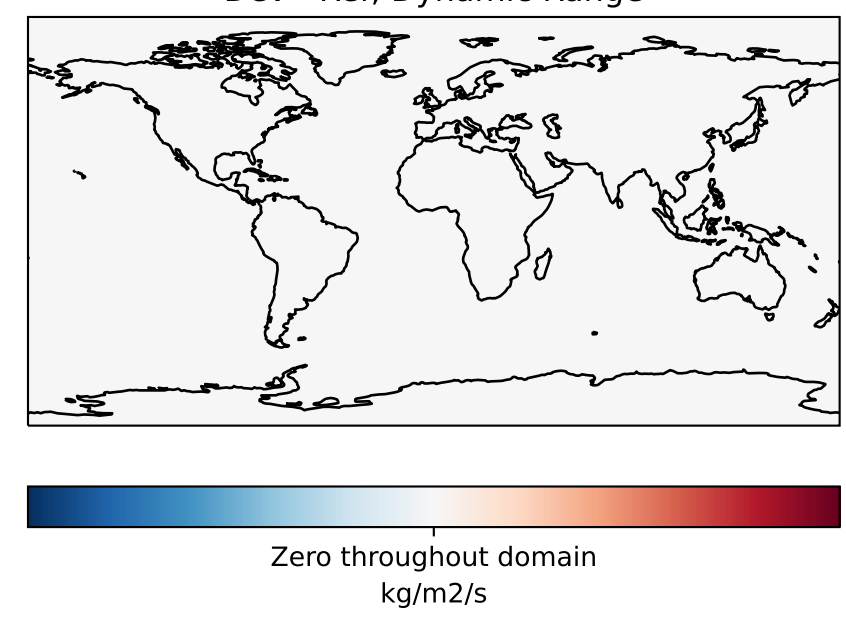
GCC_13.2.0 (Ref)
4.0x5.0



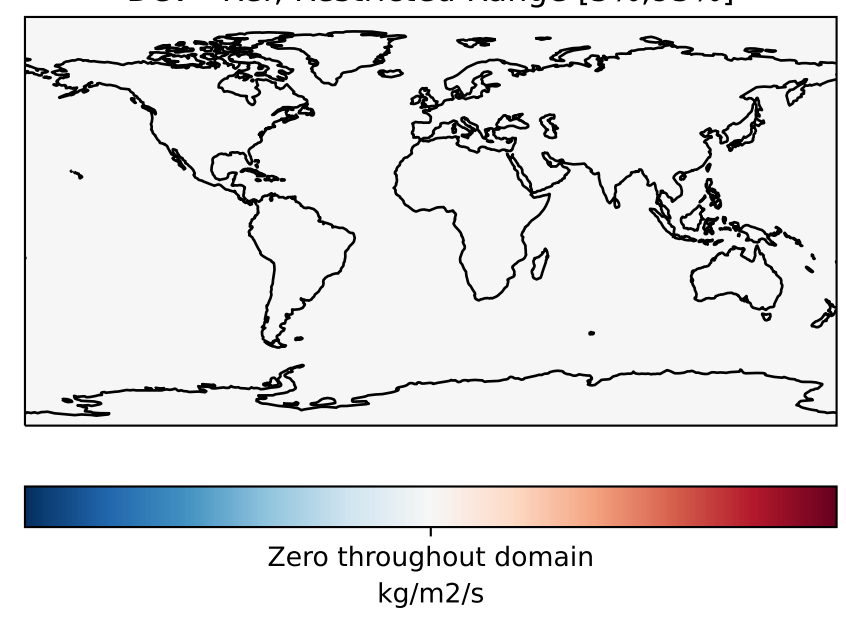
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



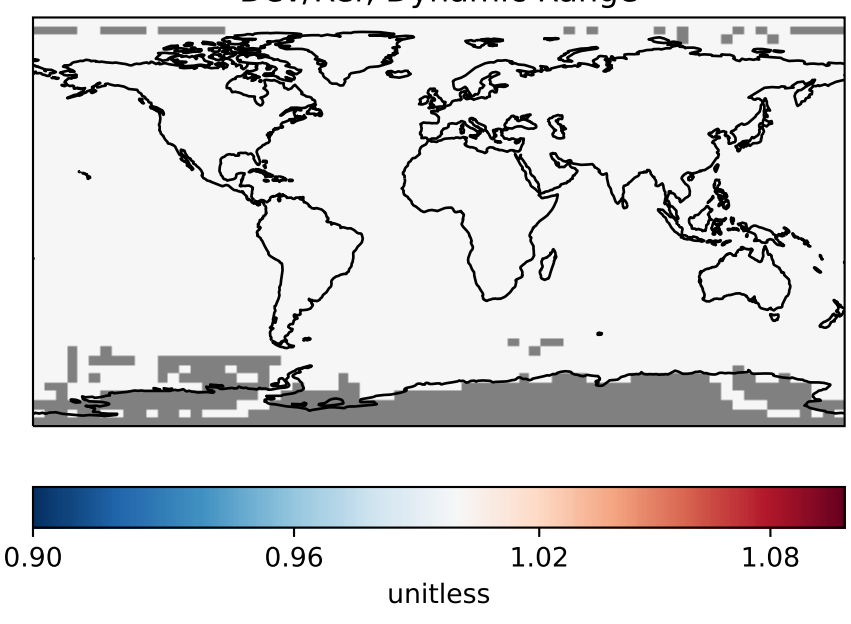
Difference
Dev - Ref, Dynamic Range



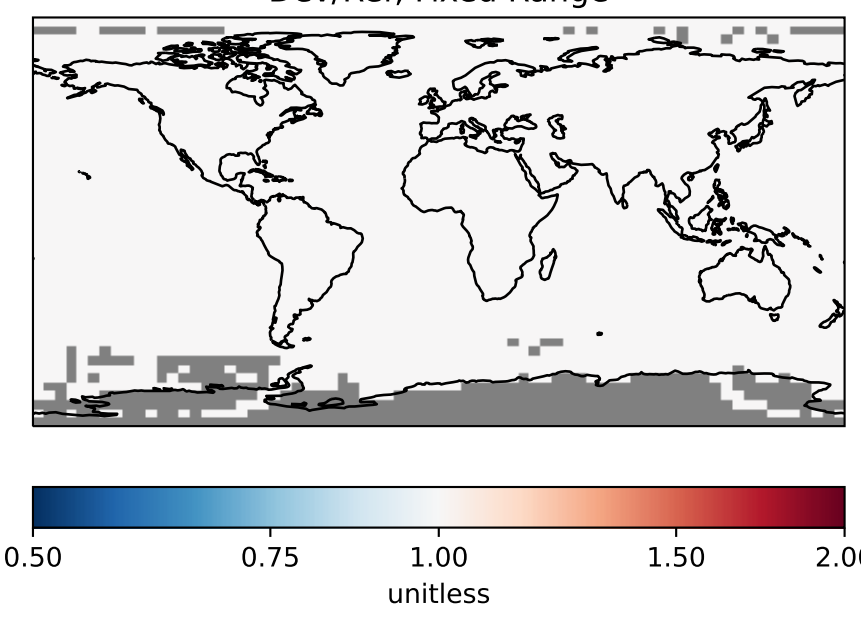
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

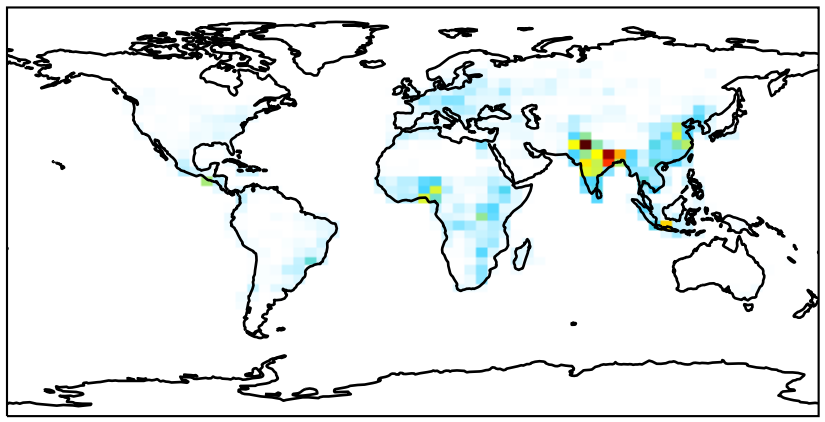


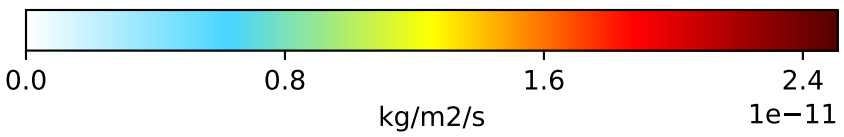
Ratio
Dev/Ref, Fixed Range



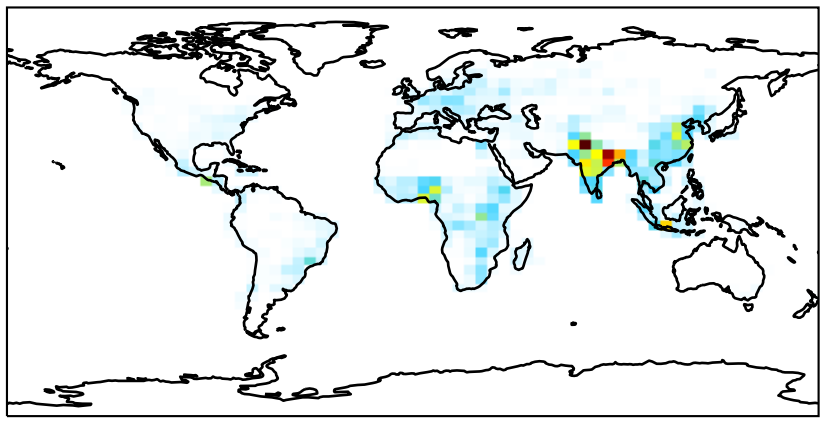
EmisOCPO_Anthro (Oct2019)

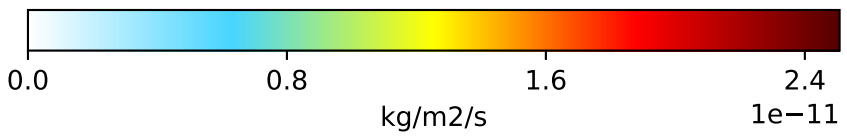
GCC_13.2.0 (Ref)
4.0x5.0



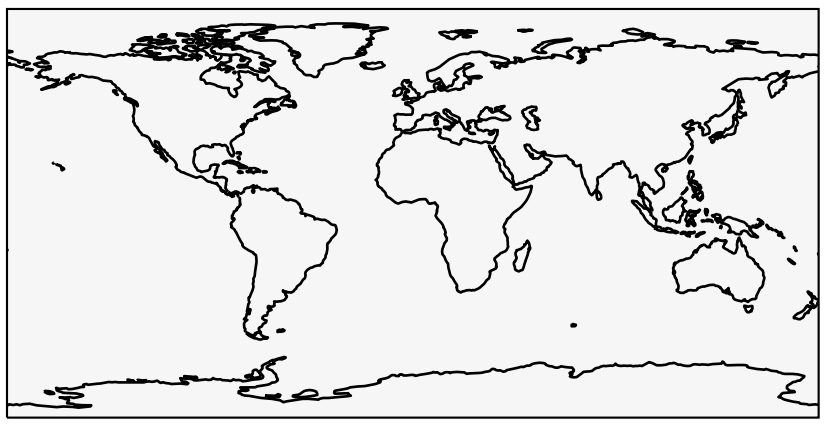


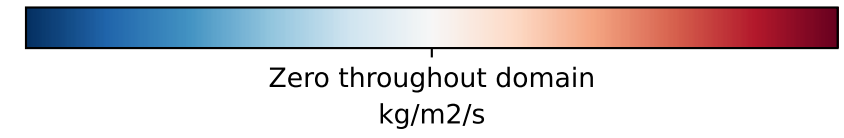
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



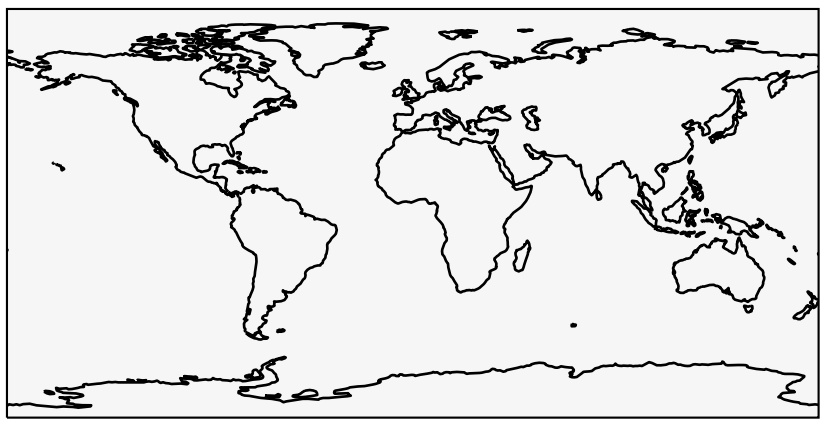


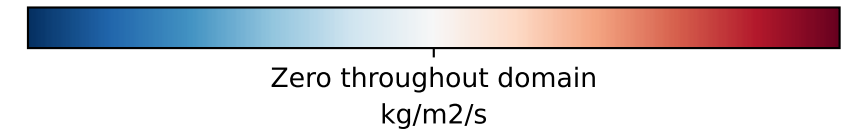
Difference
Dev - Ref, Dynamic Range



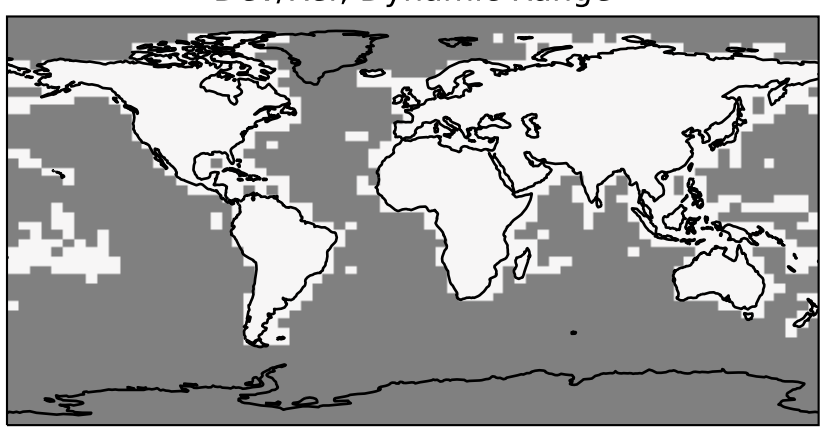


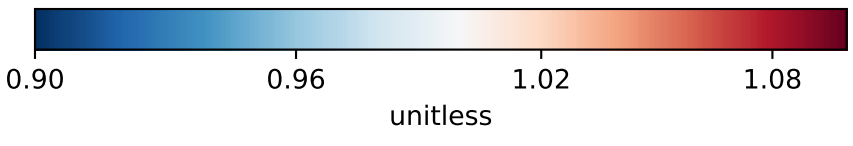
Difference
Dev - Ref, Restricted Range [5%,95%]



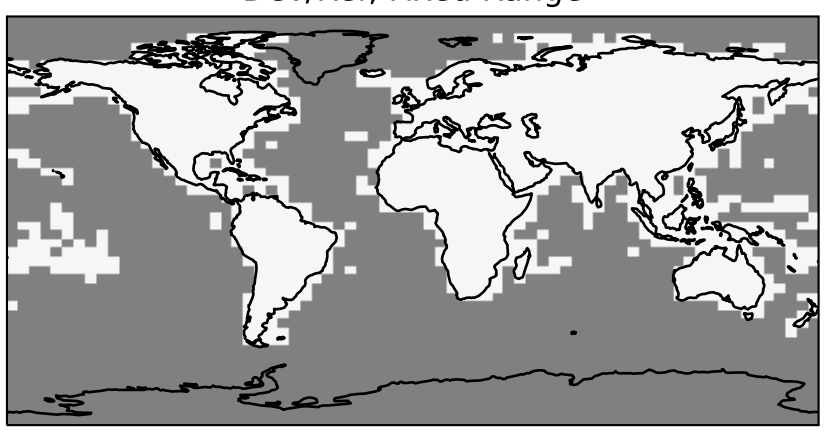


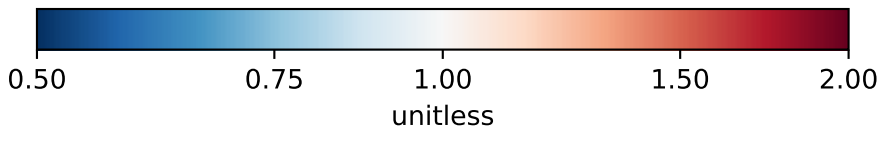
Ratio
Dev/Ref, Dynamic Range





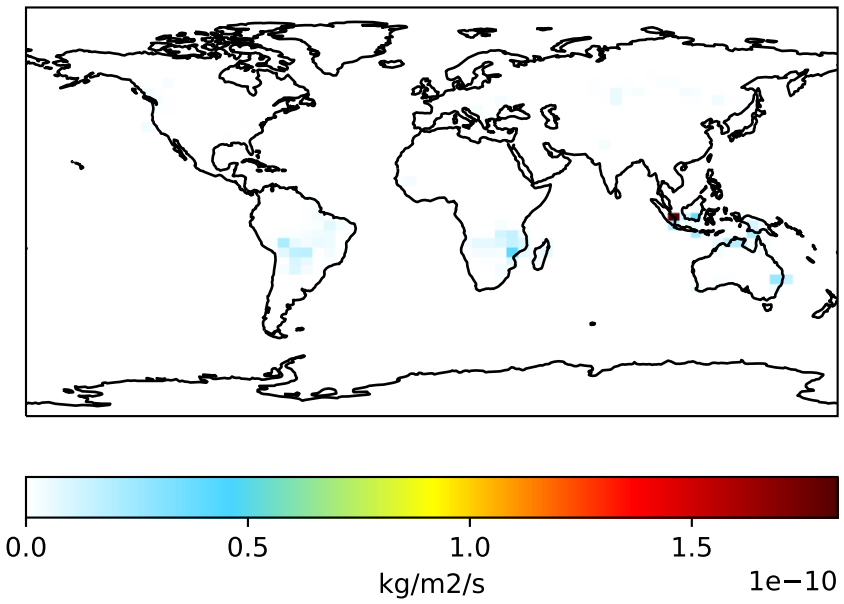
Ratio
Dev/Ref, Fixed Range



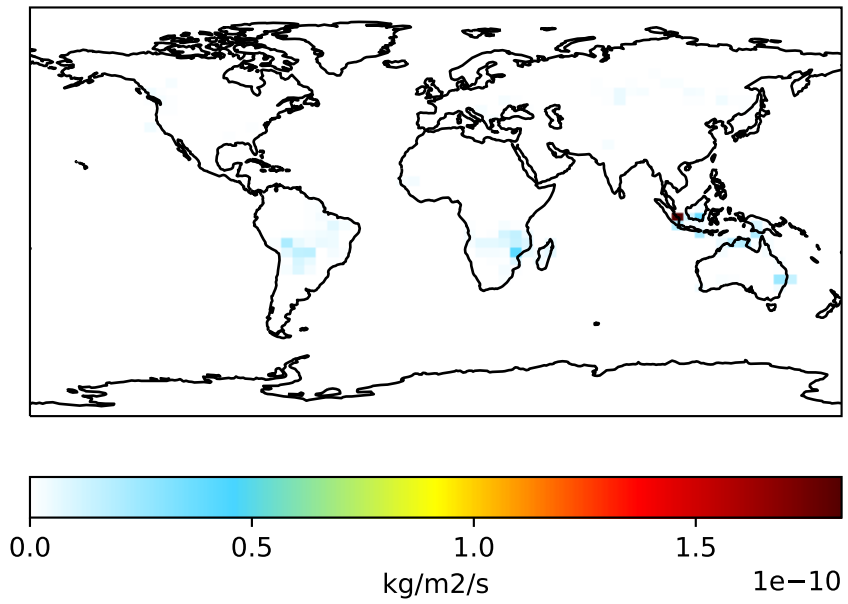


EmisOCPO_BioBurn (Oct2019)

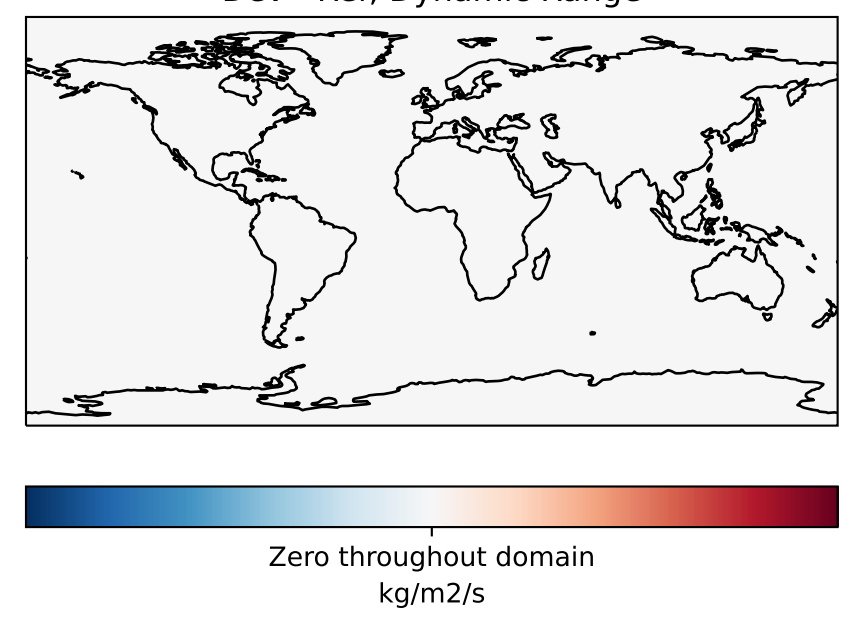
GCC_13.2.0 (Ref)
4.0x5.0



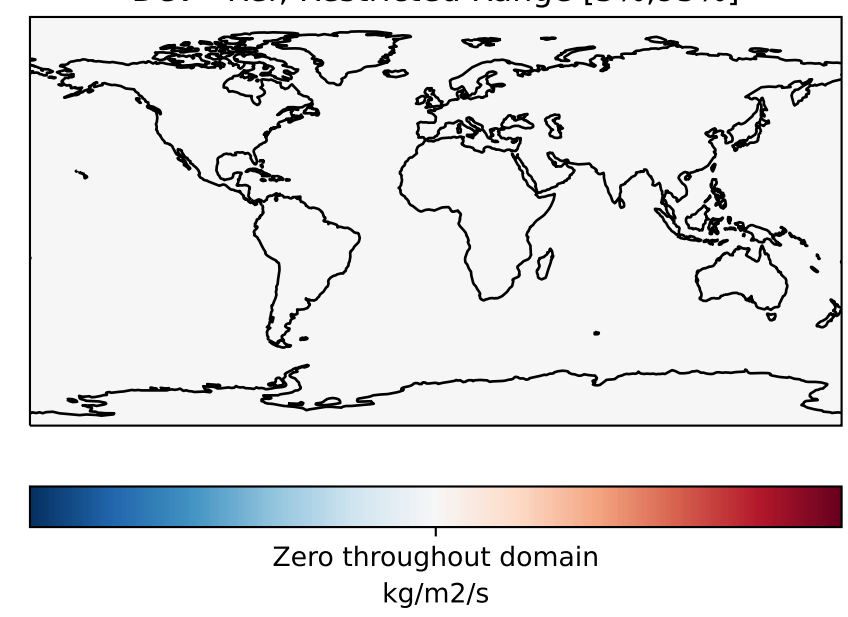
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



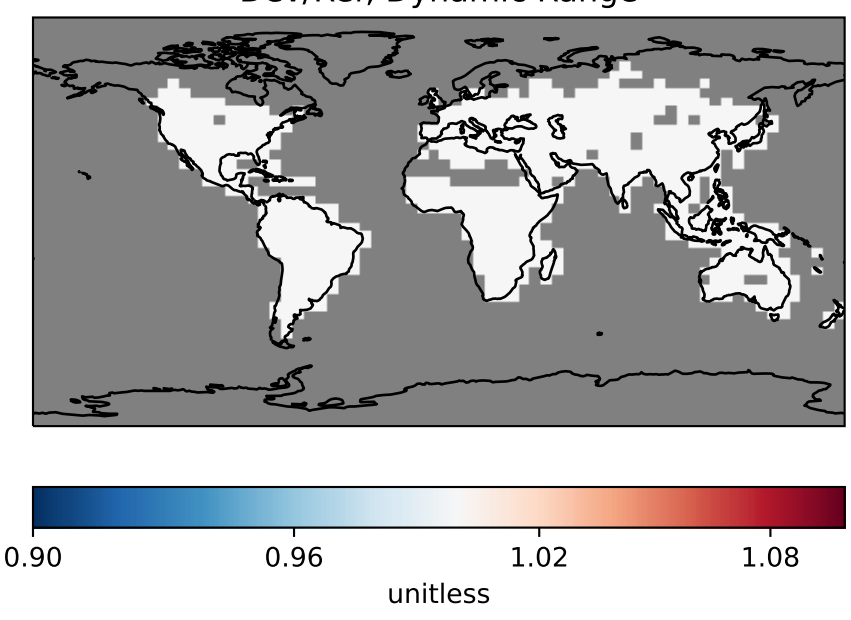
Difference
Dev - Ref, Dynamic Range



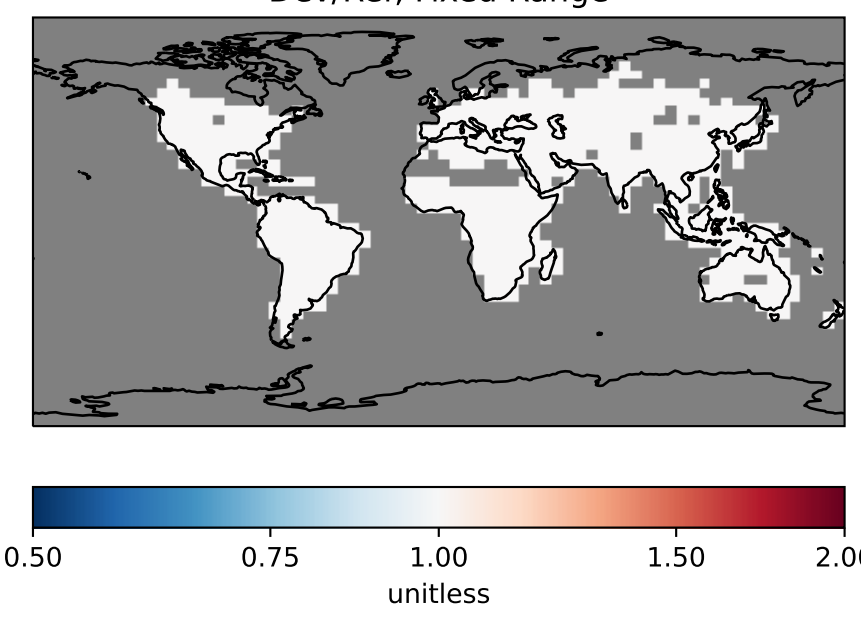
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

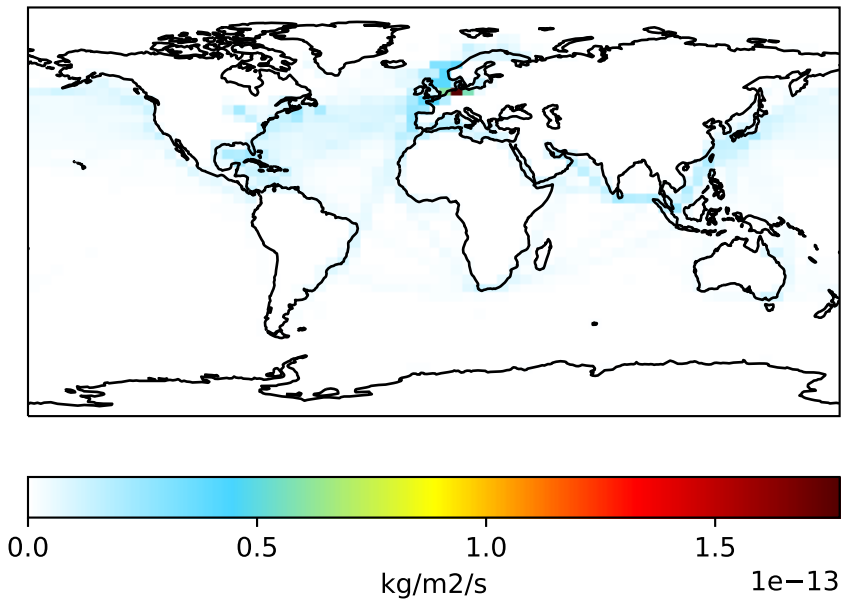


Ratio
Dev/Ref, Fixed Range

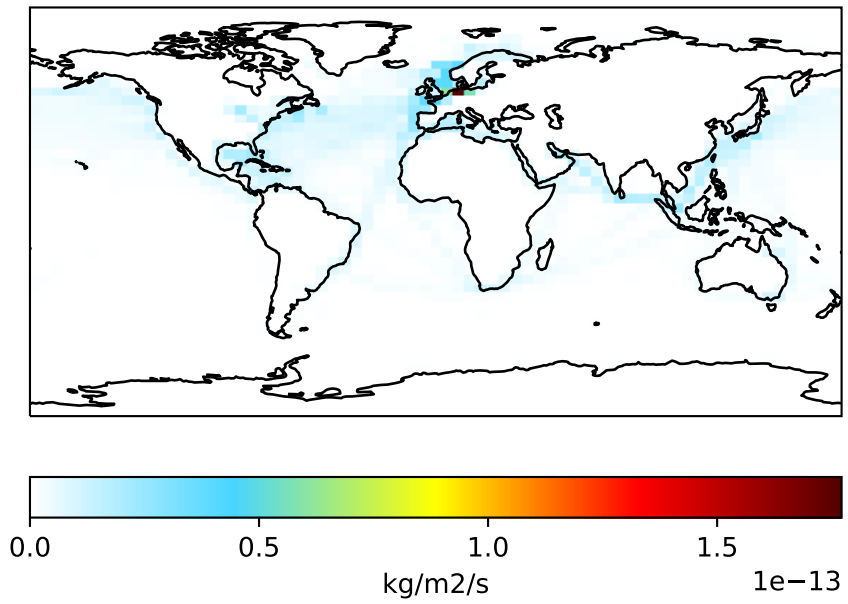


EmisOCPO_Ship (Oct2019)

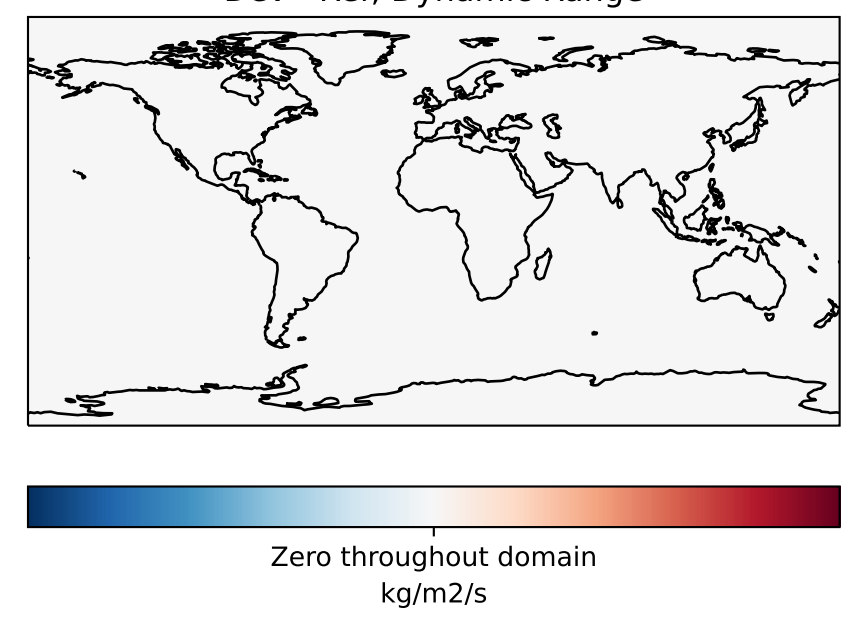
GCC_13.2.0 (Ref)
4.0x5.0



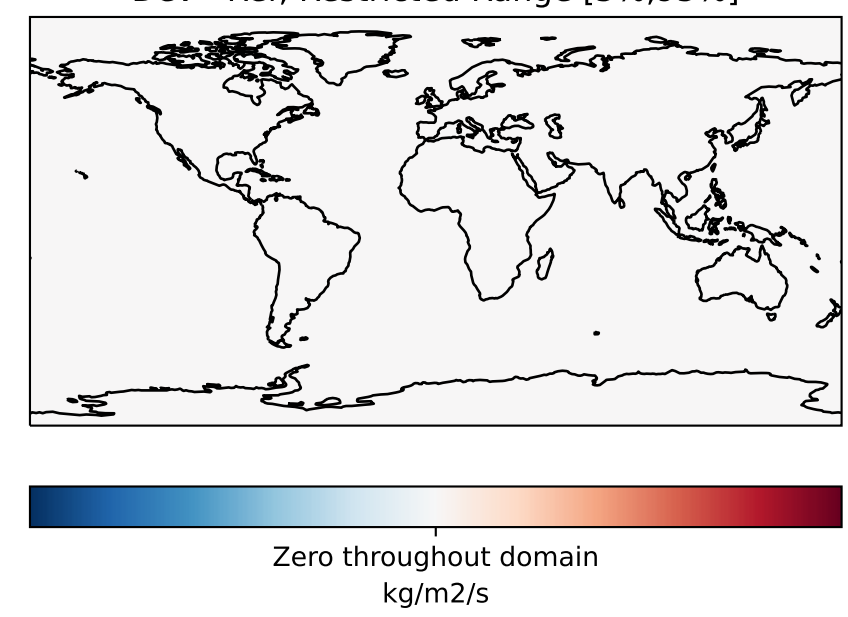
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



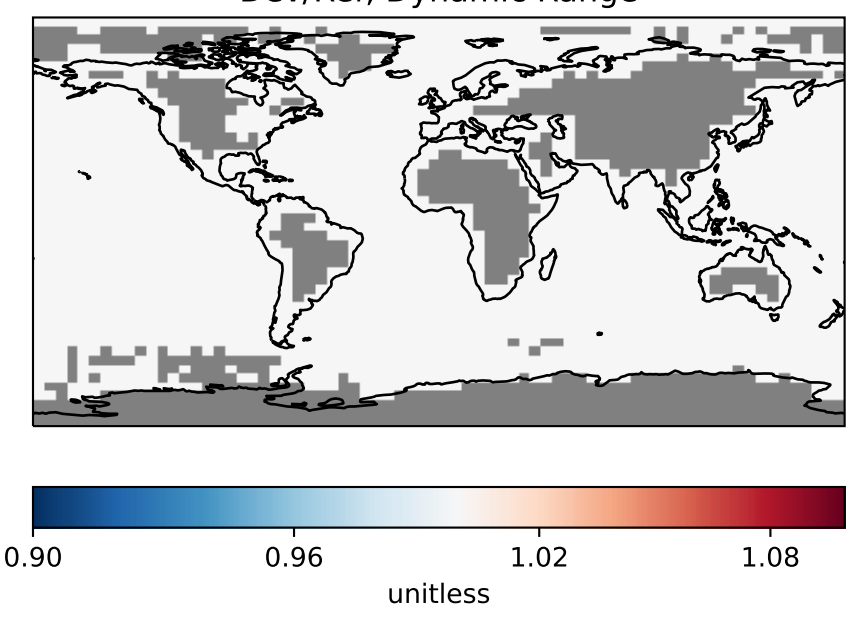
Difference
Dev - Ref, Dynamic Range



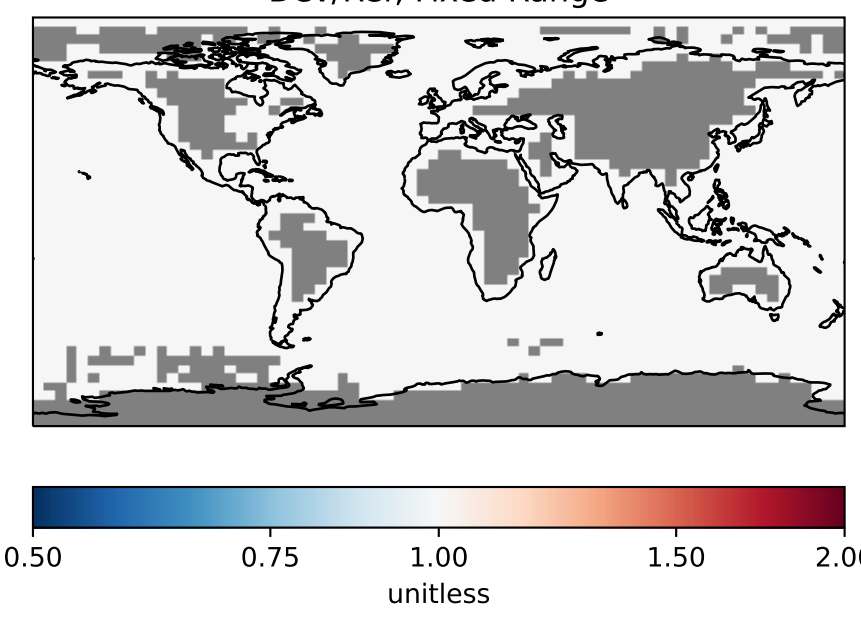
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

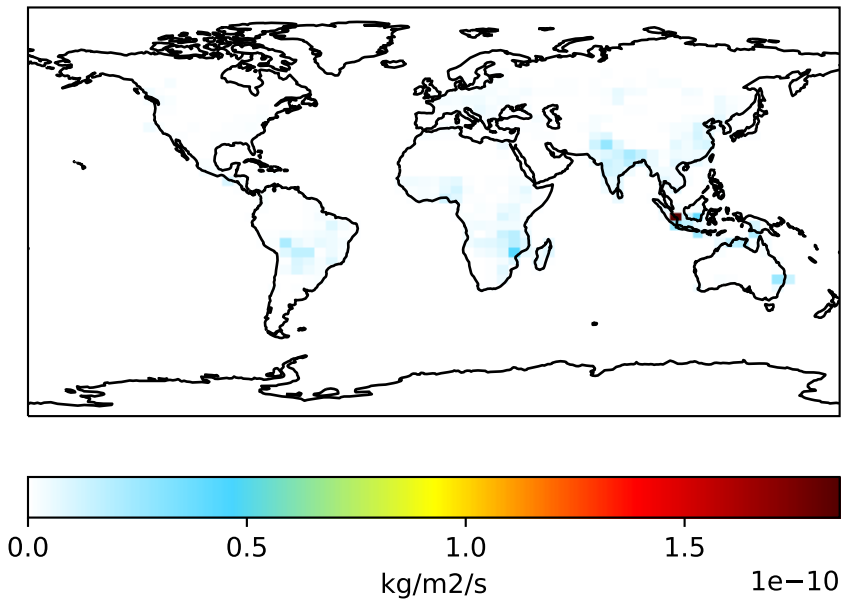


Ratio
Dev/Ref, Fixed Range

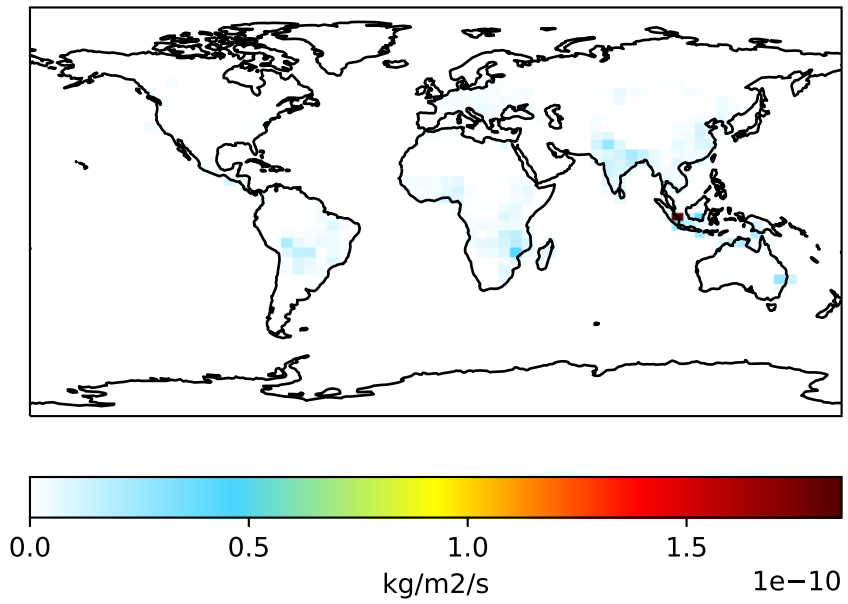


EmisOCPO_Total (Oct2019)

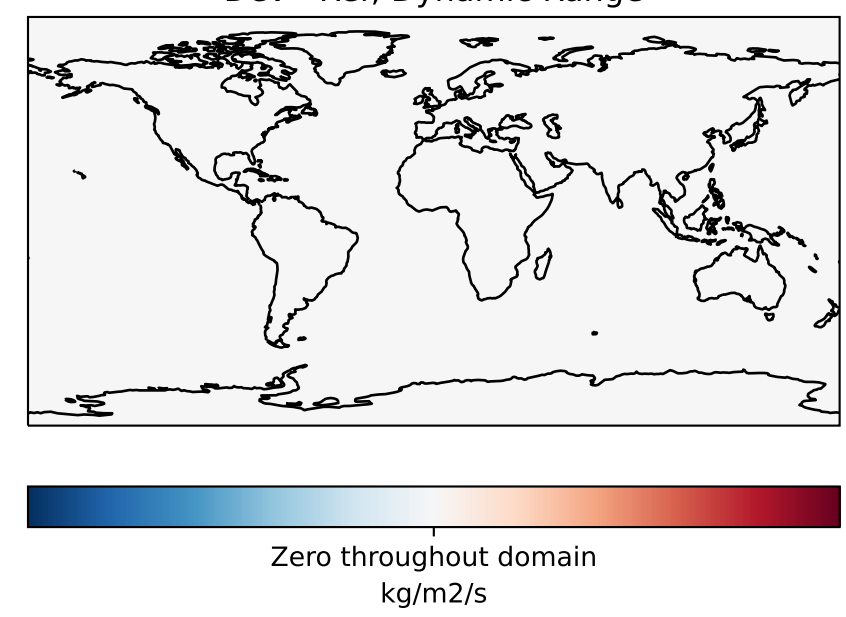
GCC_13.2.0 (Ref)
4.0x5.0



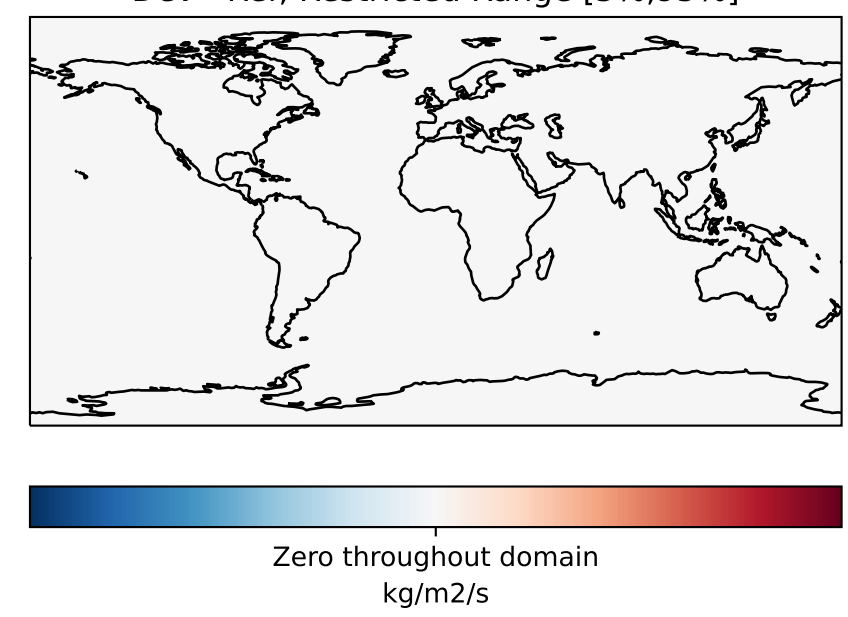
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



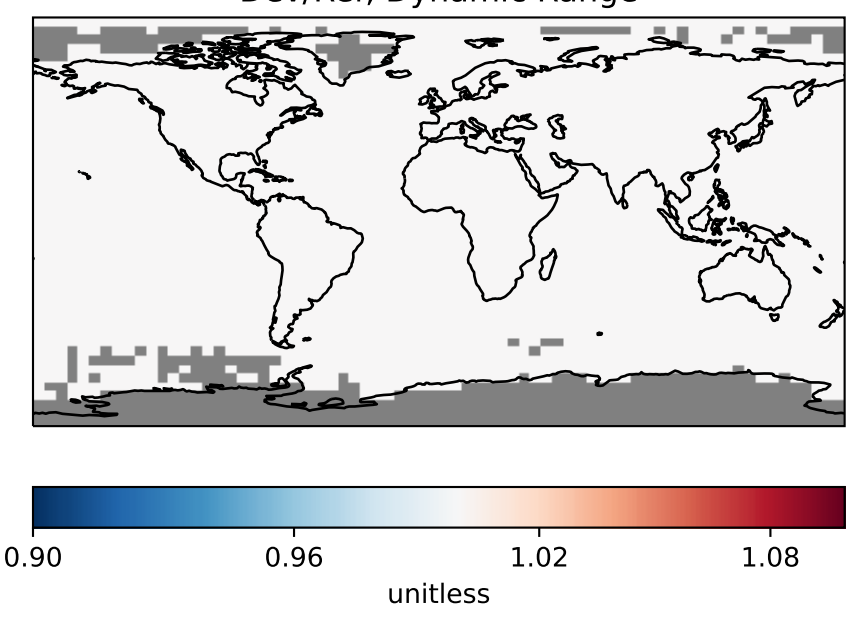
Difference
Dev - Ref, Dynamic Range



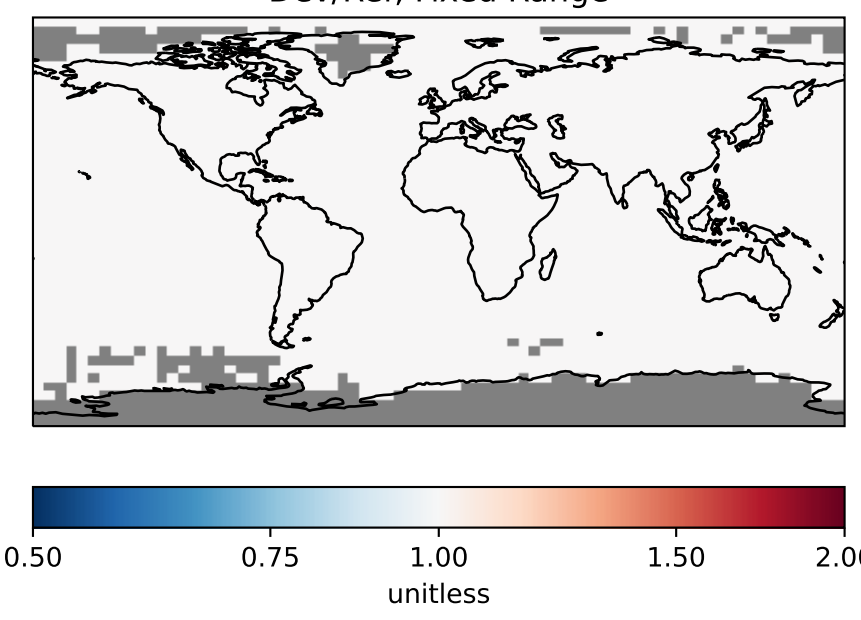
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

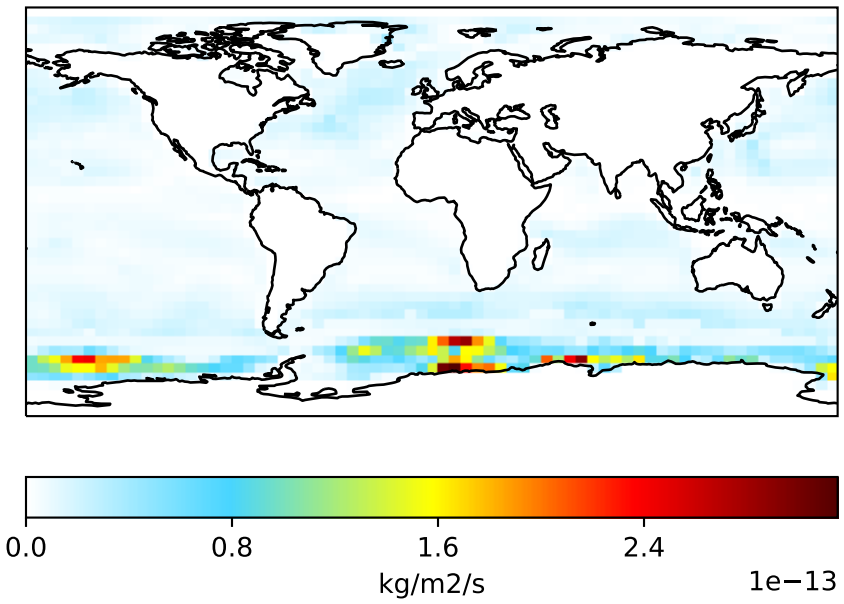


Ratio
Dev/Ref, Fixed Range

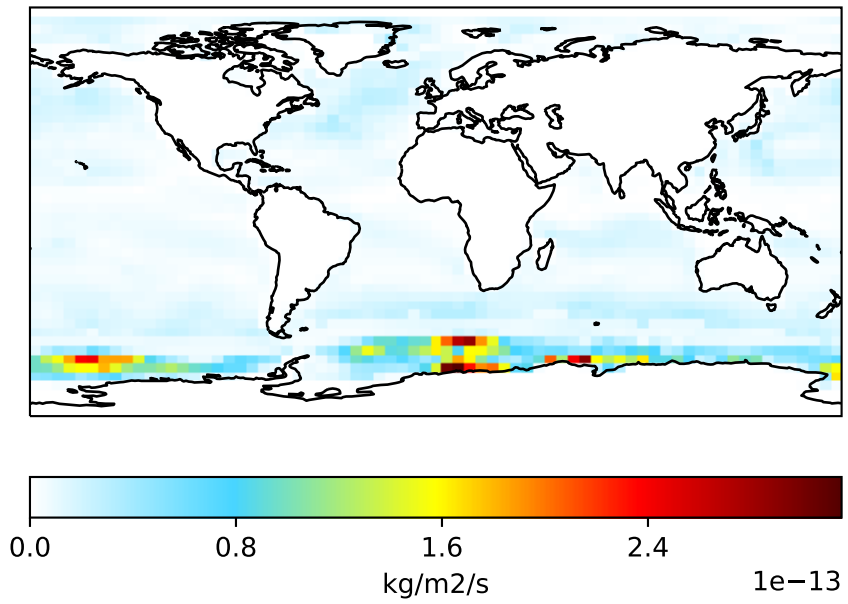


EmisBrSALA_Natural (Oct2019)

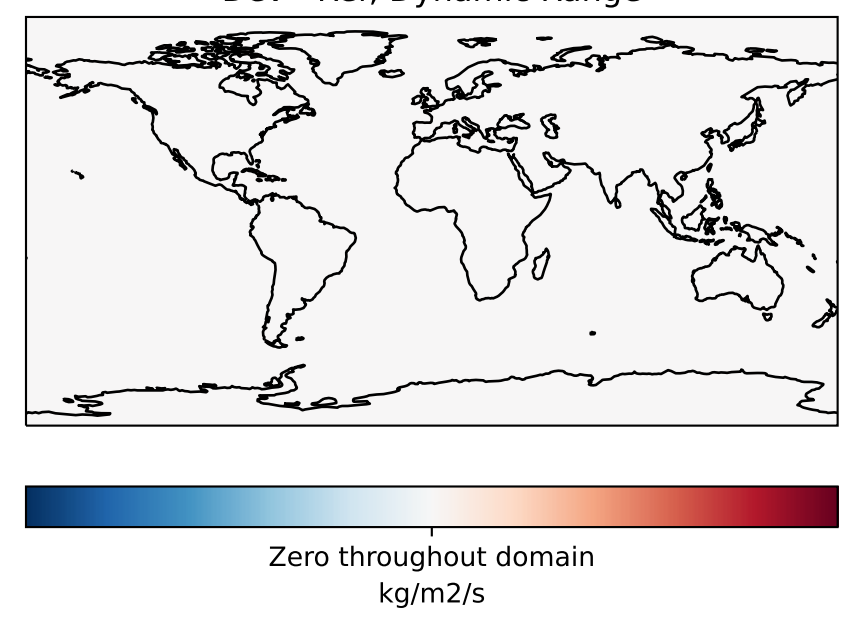
GCC_13.2.0 (Ref)
4.0x5.0



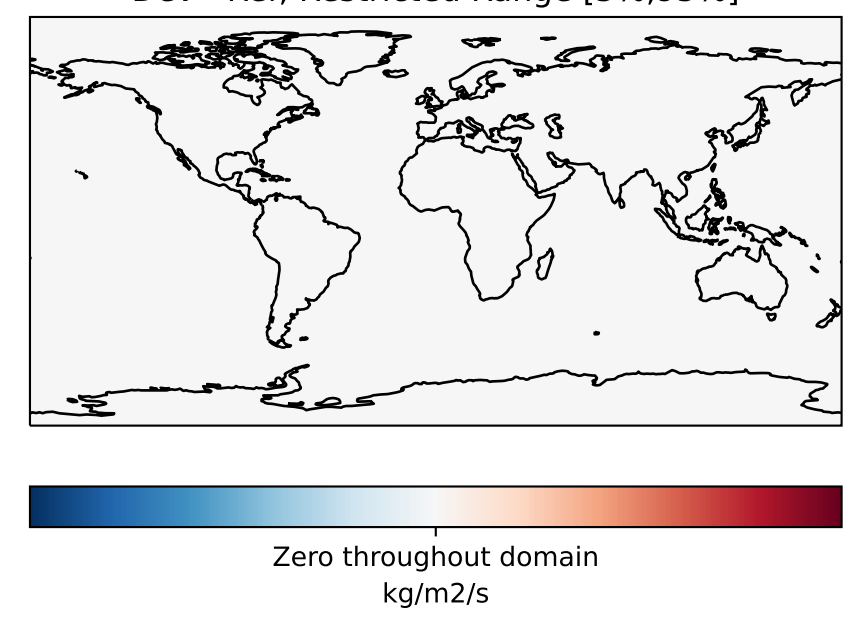
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



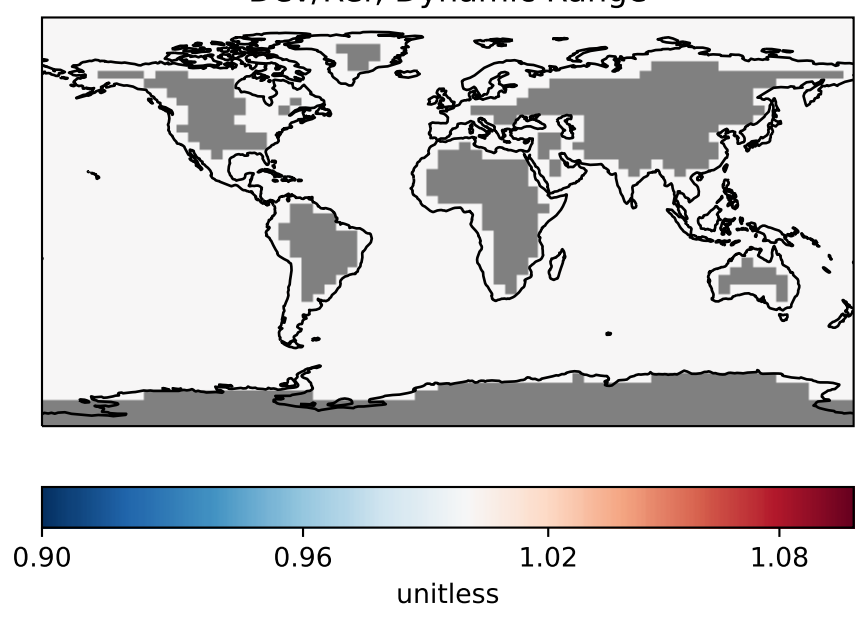
Difference
Dev - Ref, Dynamic Range



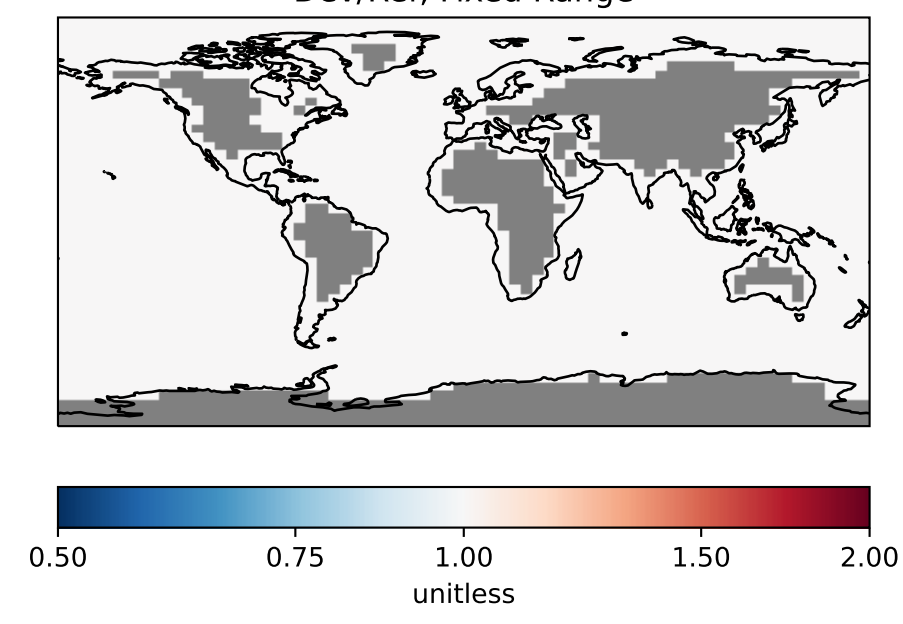
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

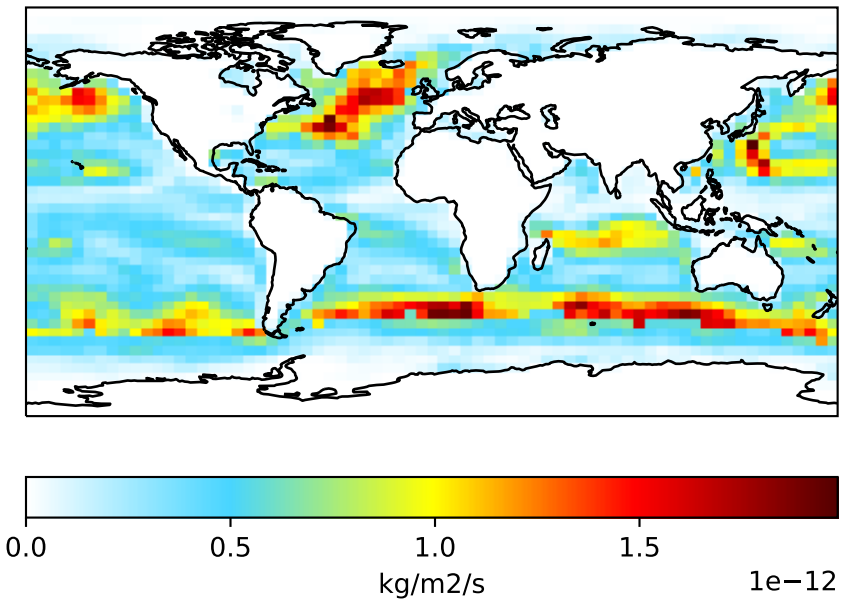


Ratio
Dev/Ref, Fixed Range

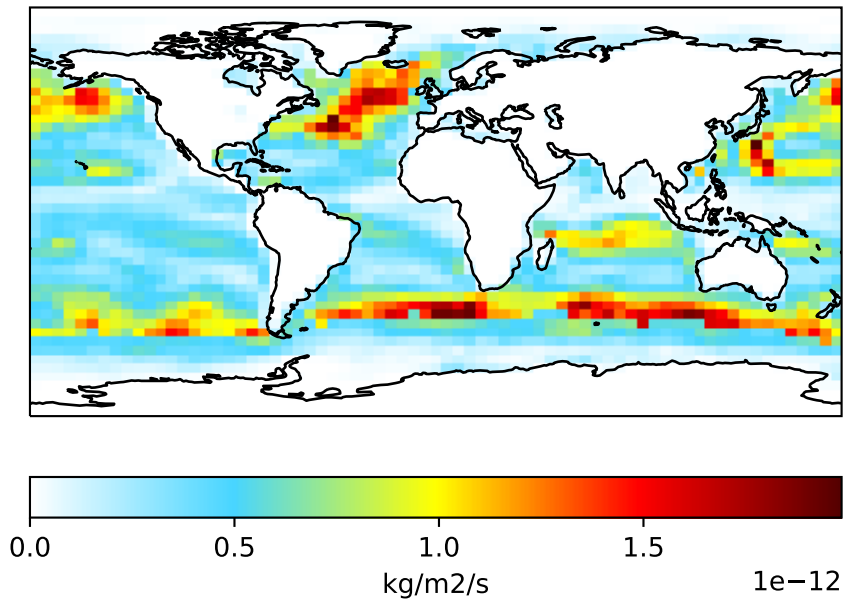


EmisBrSALC_Natural (Oct2019)

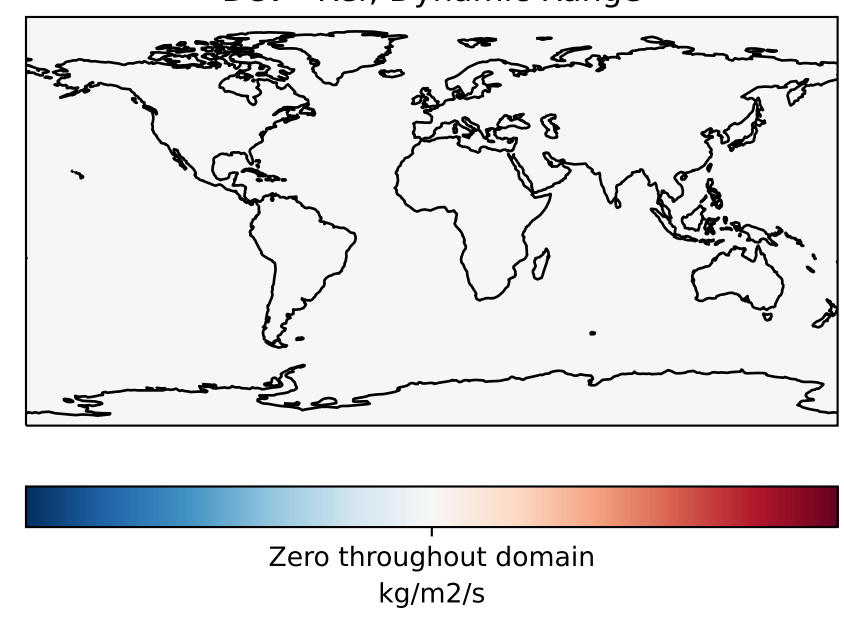
GCC_13.2.0 (Ref)
4.0x5.0



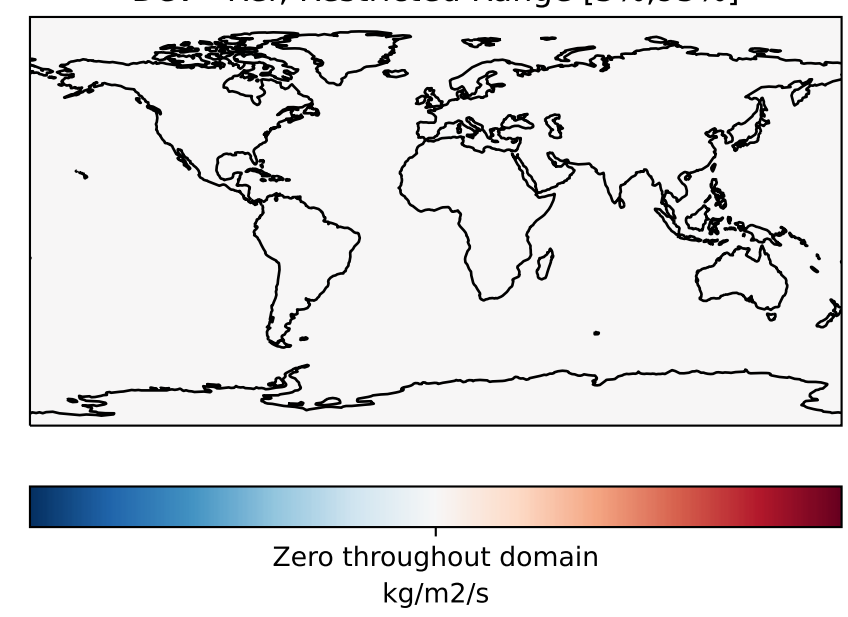
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



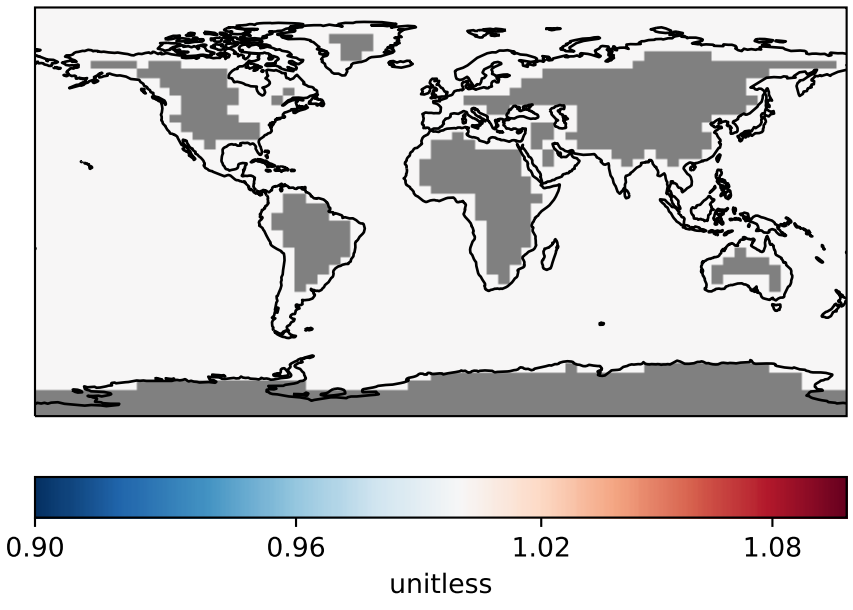
Difference
Dev - Ref, Dynamic Range



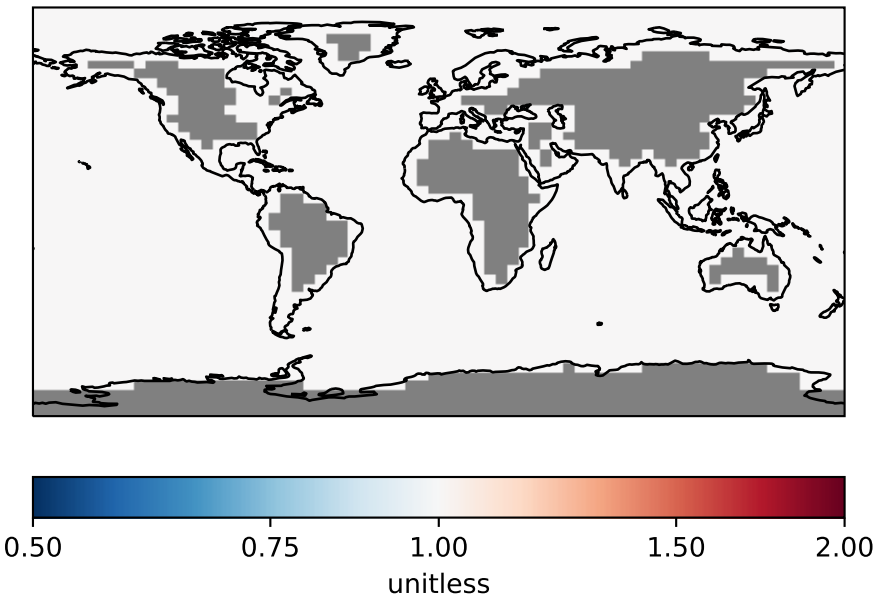
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

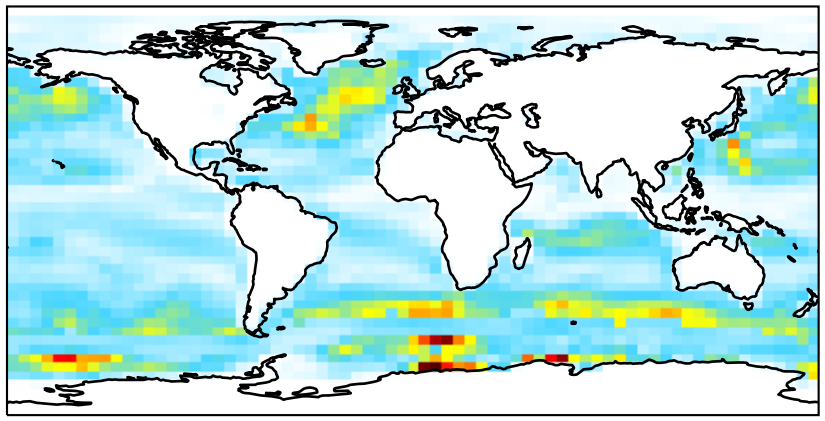


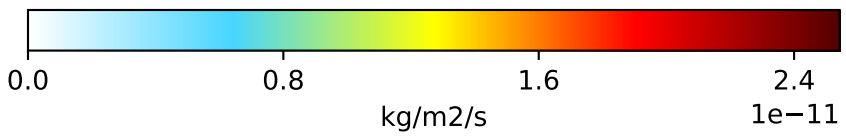
Ratio
Dev/Ref, Fixed Range



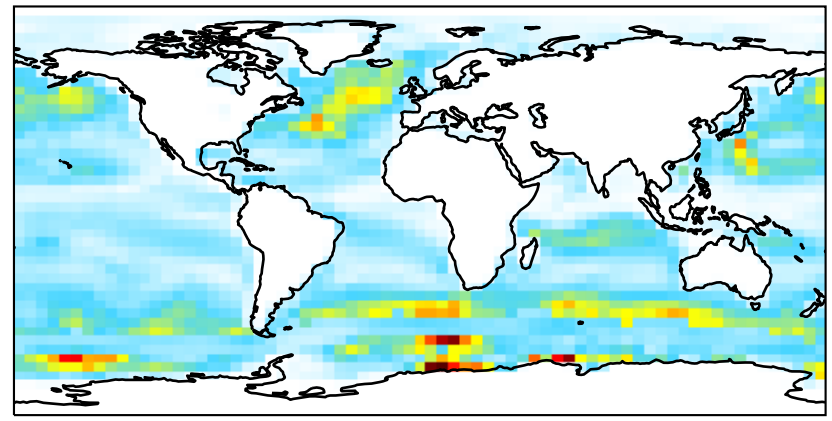
EmisSALA_Natural (Oct2019)

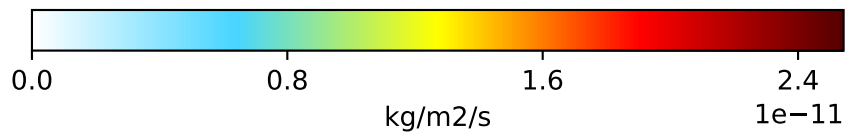
GCC_13.2.0 (Ref)
4.0x5.0



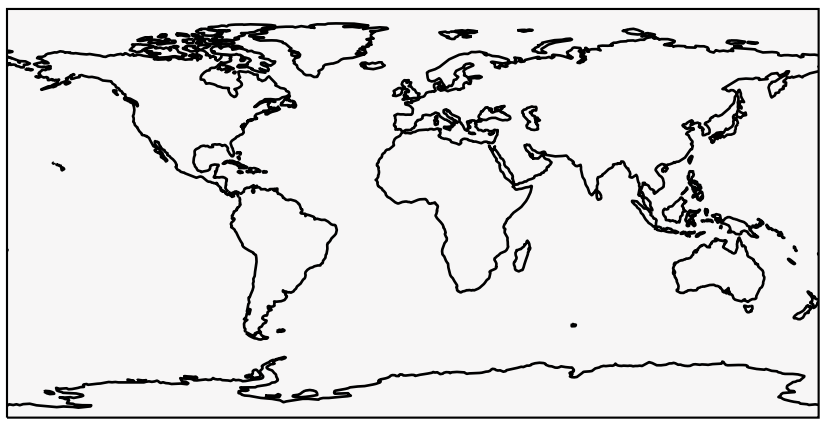


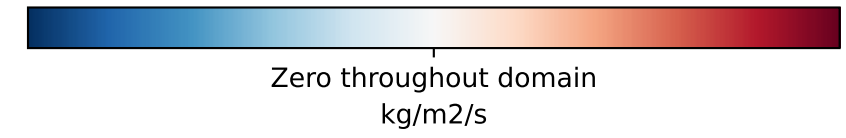
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



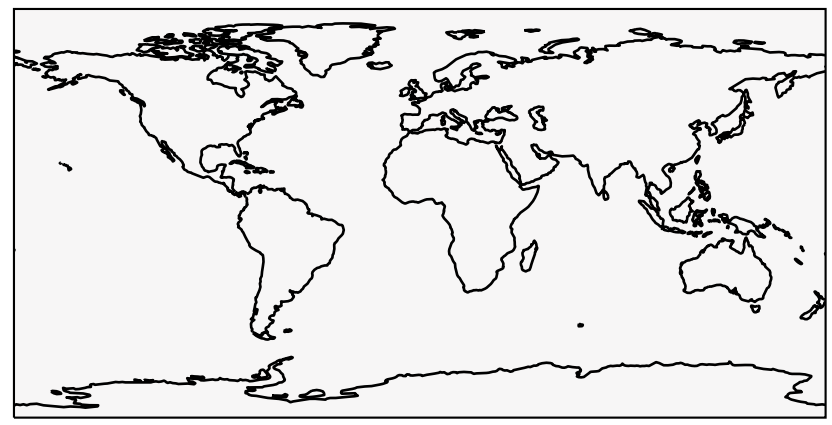


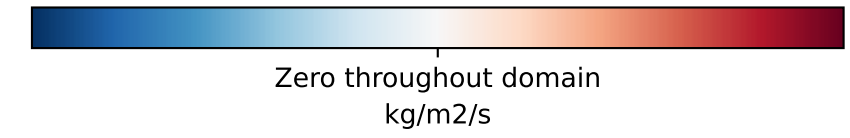
Difference
Dev - Ref, Dynamic Range



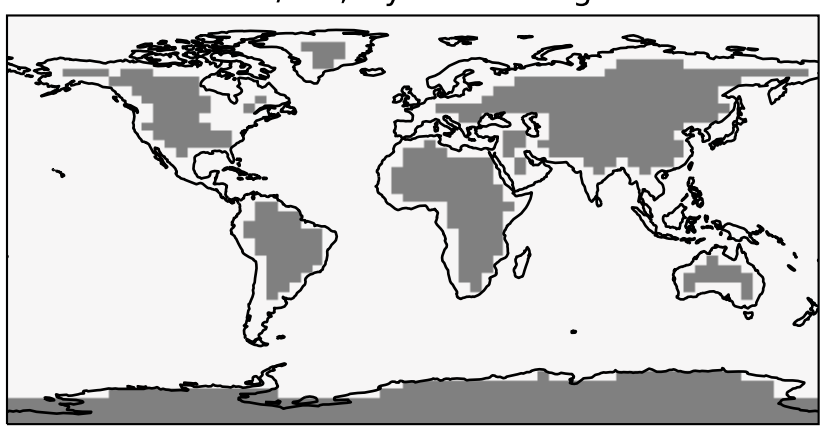


Difference
Dev - Ref, Restricted Range [5%,95%]

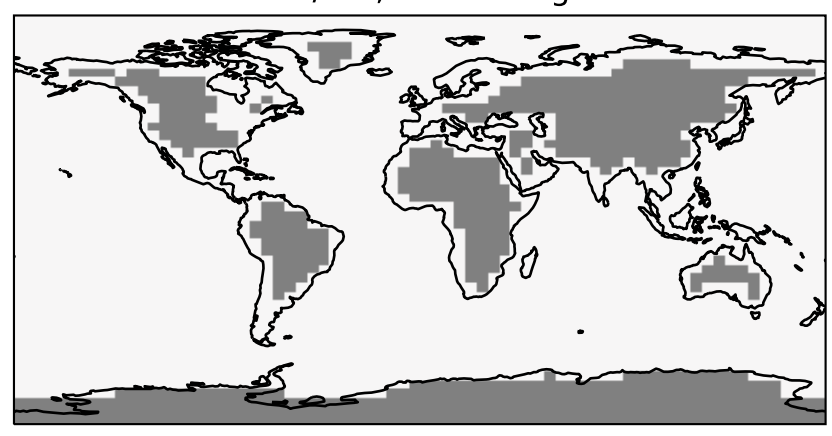


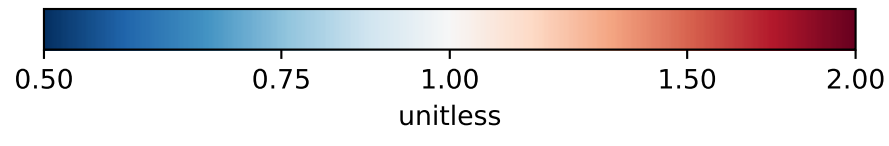


Ratio
Dev/Ref, Dynamic Range



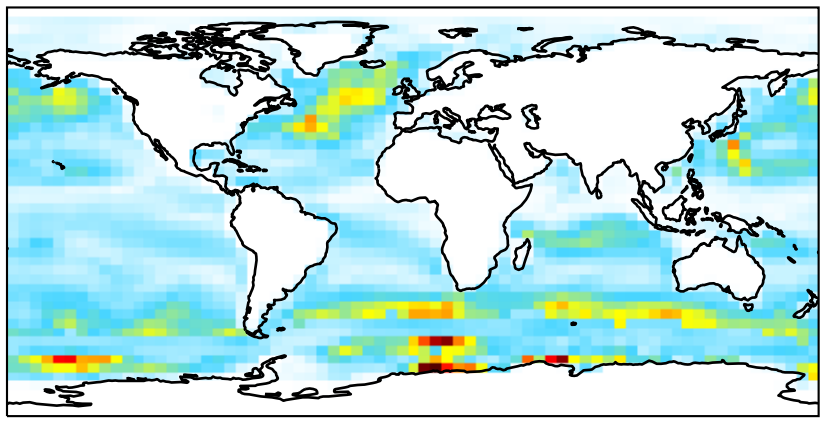
Ratio
Dev/Ref, Fixed Range

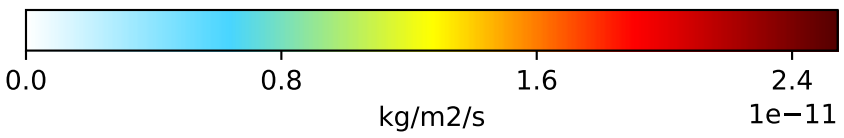




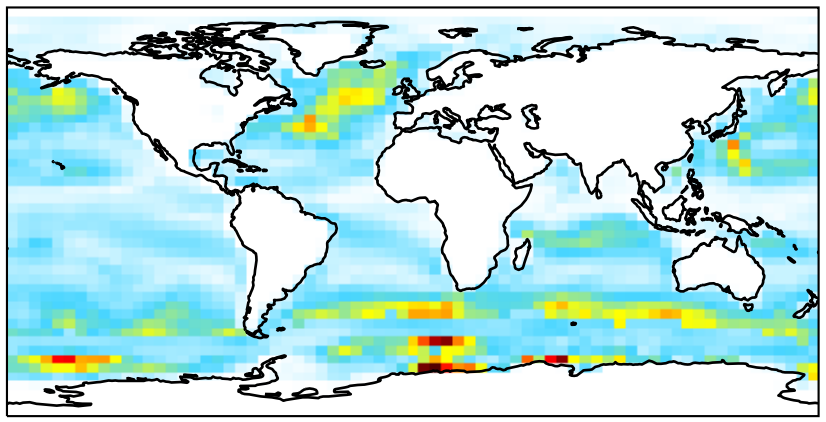
EmisSALAAL_Natural (Oct2019)

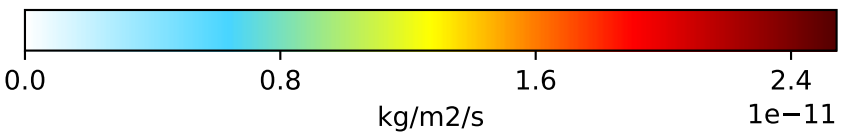
GCC_13.2.0 (Ref)
4.0x5.0



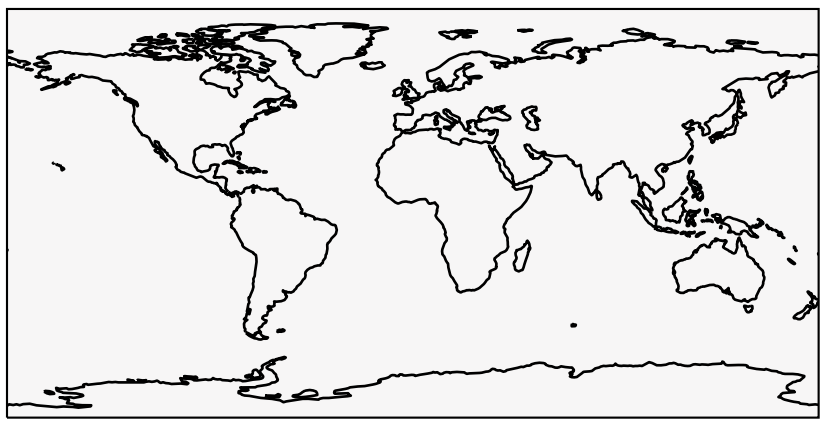


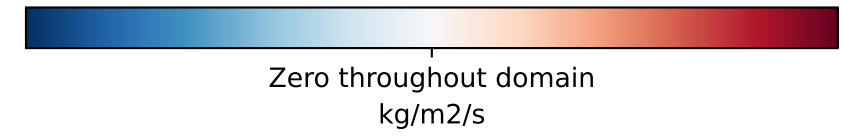
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



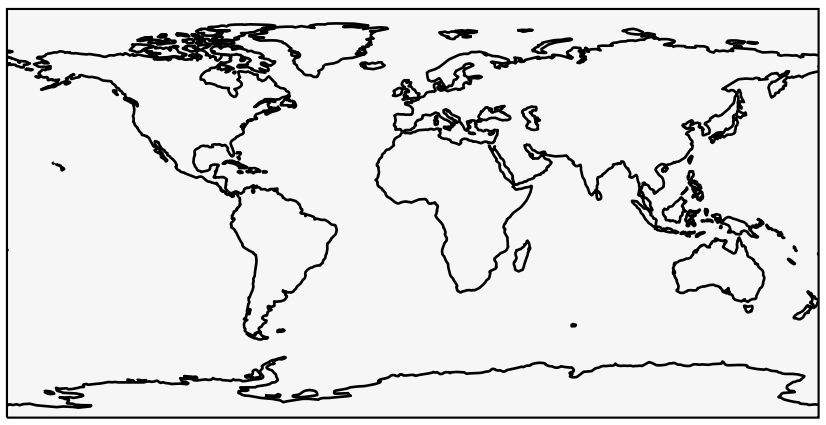


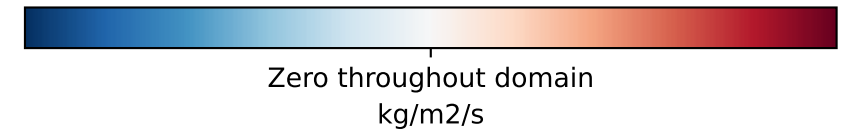
Difference
Dev - Ref, Dynamic Range



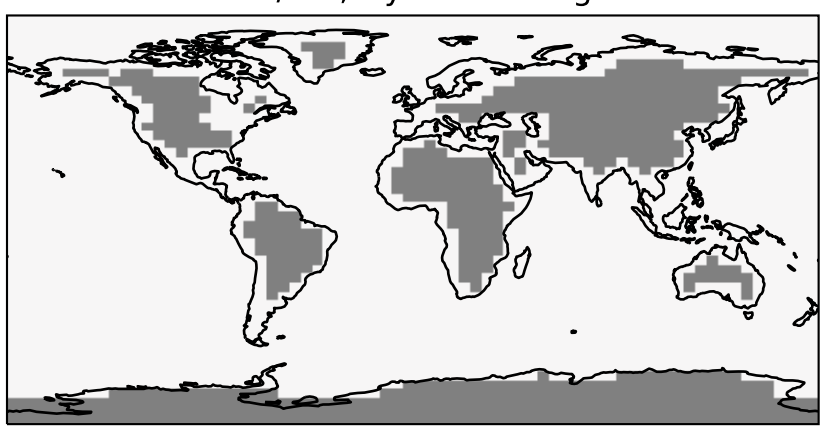


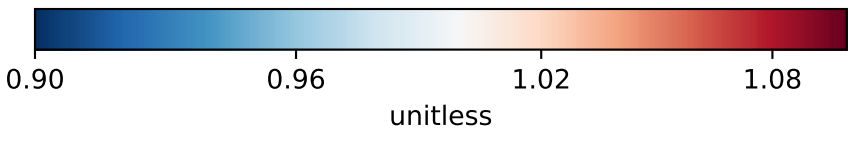
Difference
Dev - Ref, Restricted Range [5%,95%]



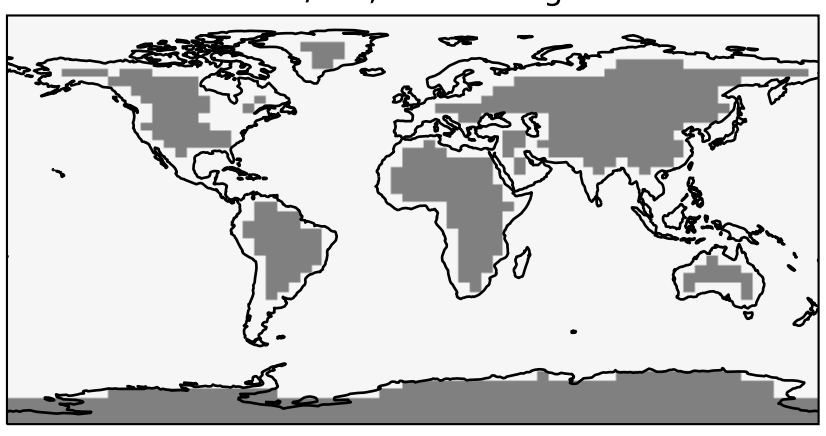


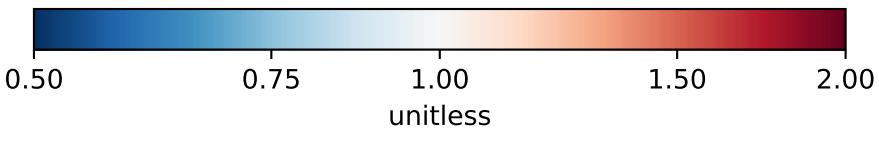
Ratio
Dev/Ref, Dynamic Range





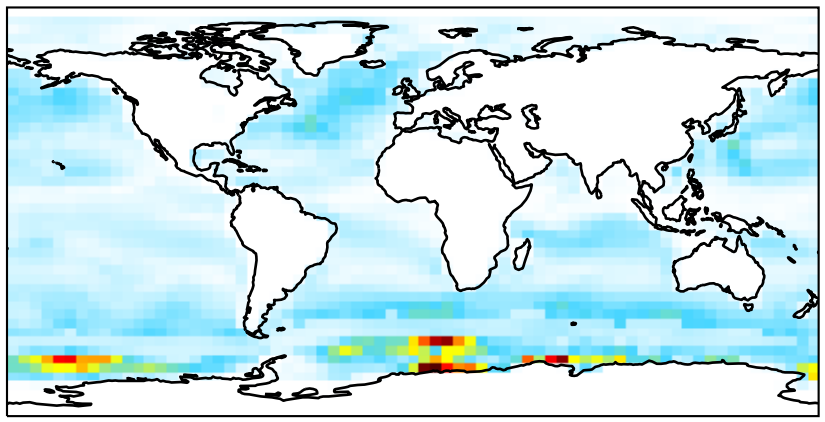
Ratio
Dev/Ref, Fixed Range

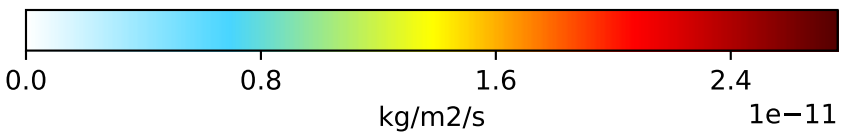




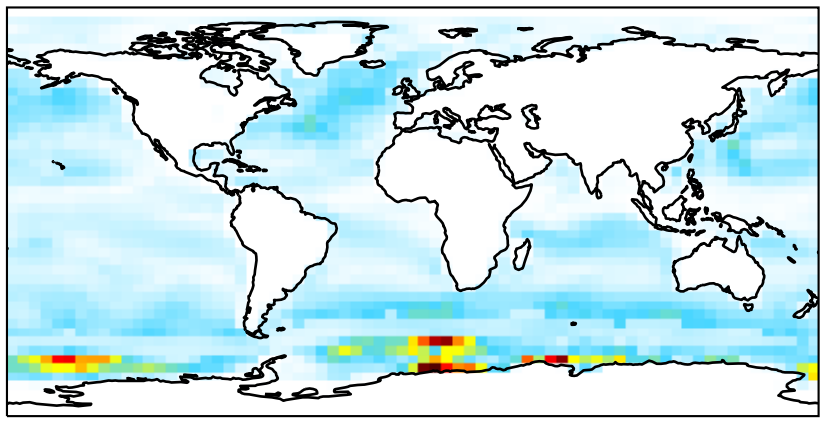
EmisSALACL_Natural (Oct2019)

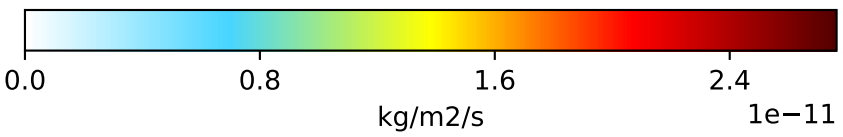
GCC_13.2.0 (Ref)
4.0x5.0



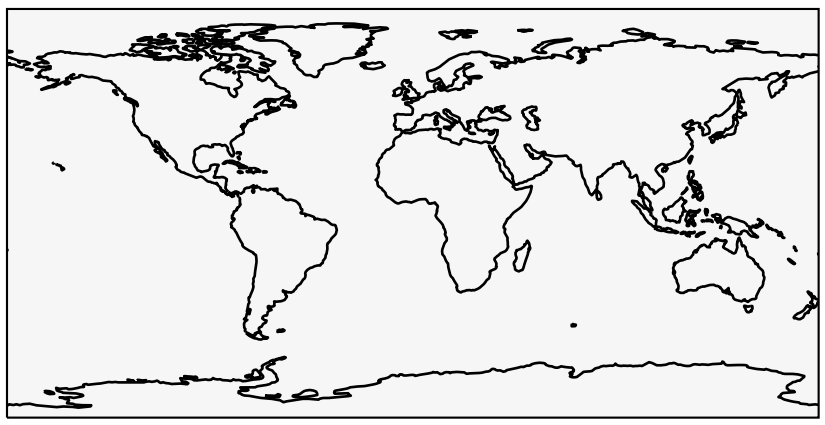


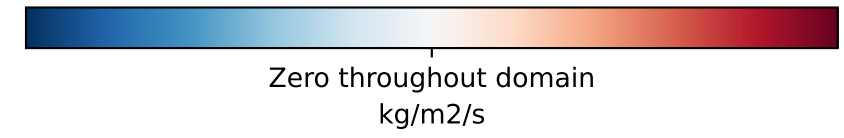
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



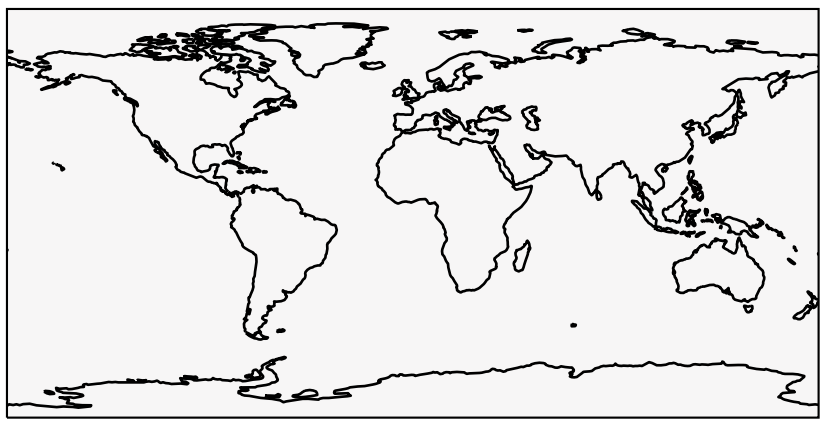


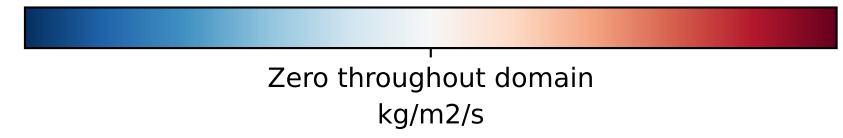
Difference
Dev - Ref, Dynamic Range



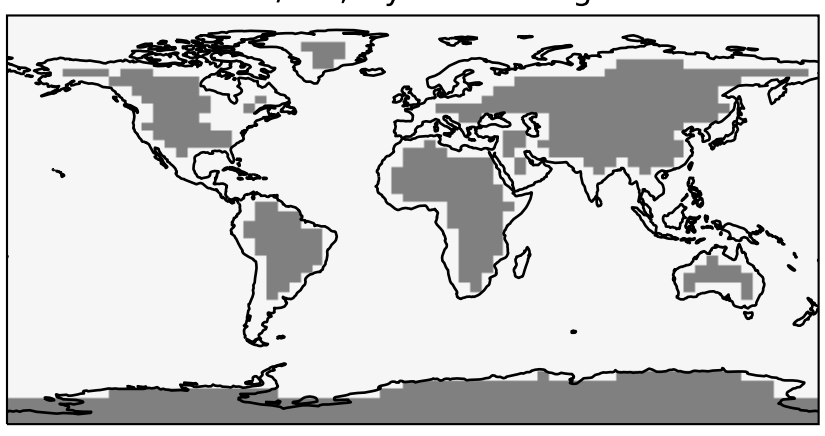


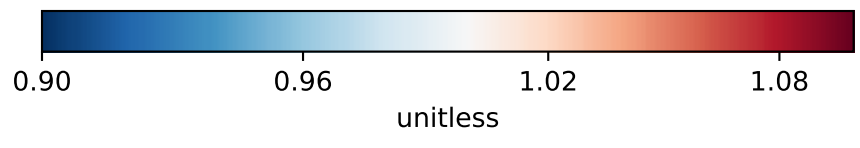
Difference
Dev - Ref, Restricted Range [5%,95%]



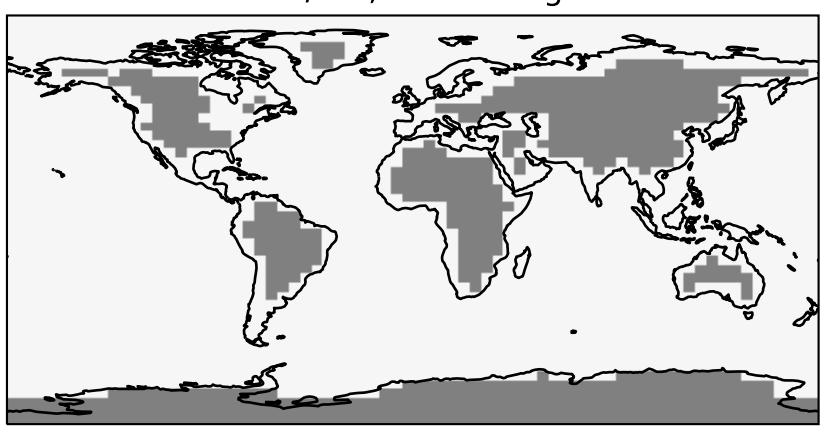


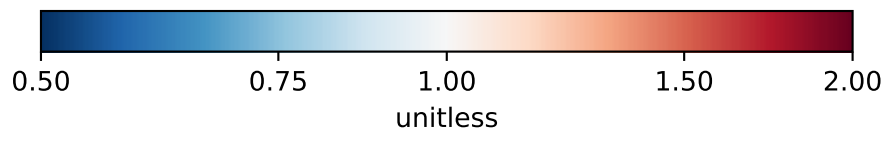
Ratio
Dev/Ref, Dynamic Range





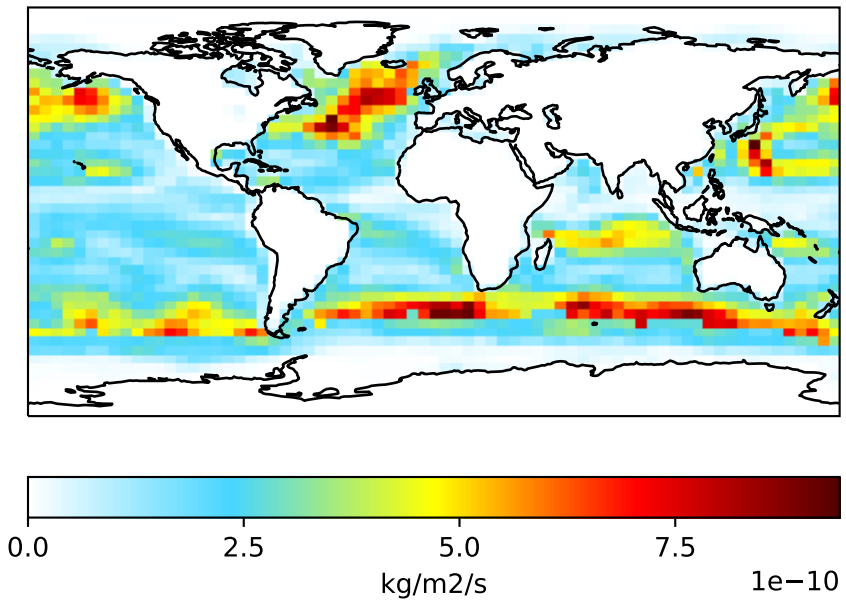
Ratio
Dev/Ref, Fixed Range



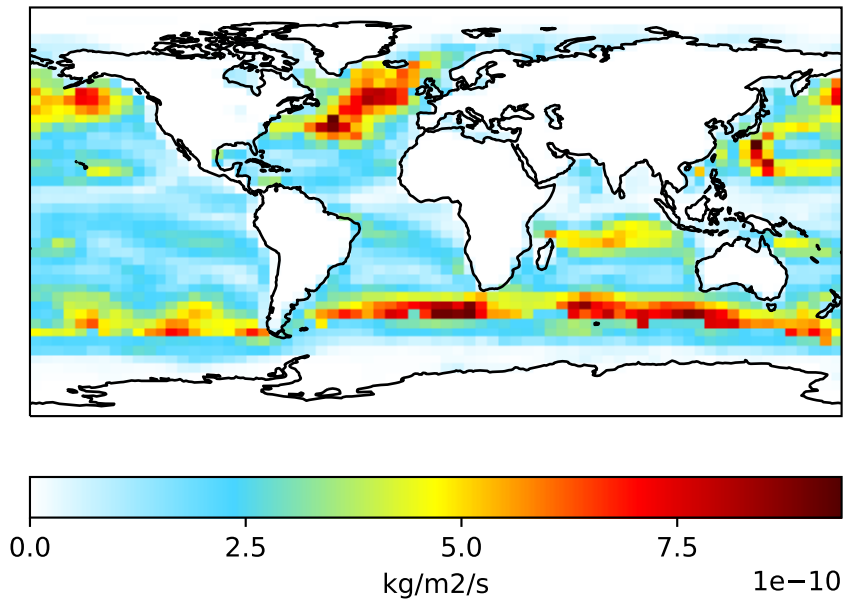


EmisSALC_Natural (Oct2019)

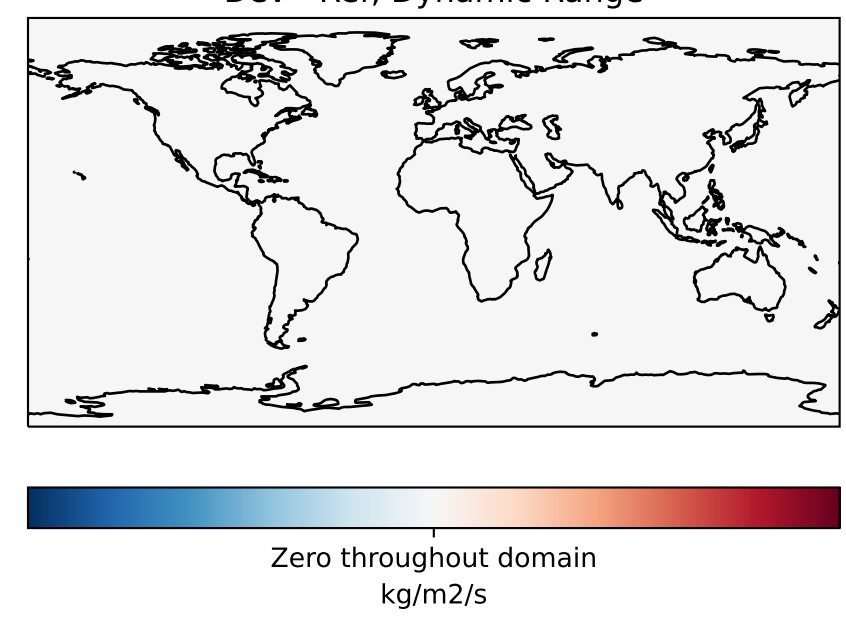
GCC_13.2.0 (Ref)
4.0x5.0



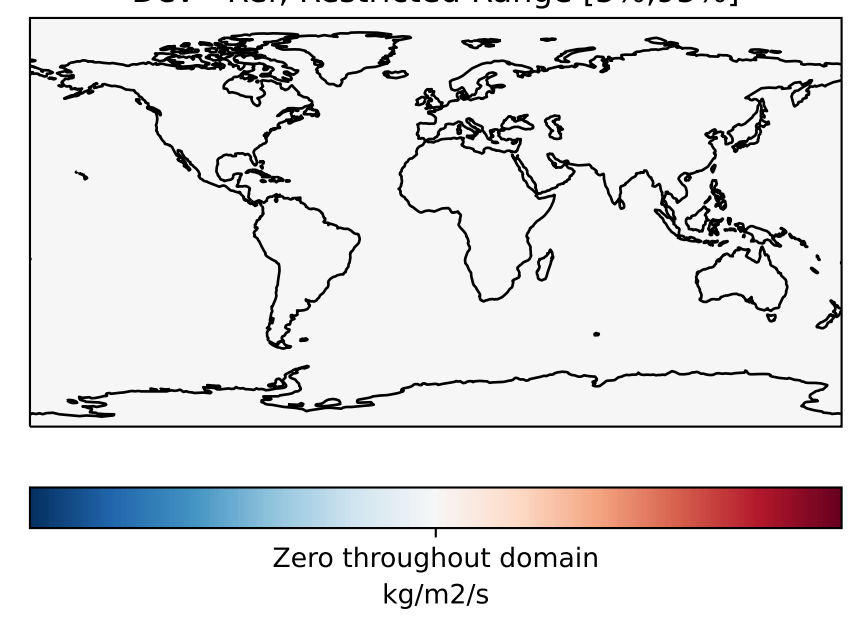
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



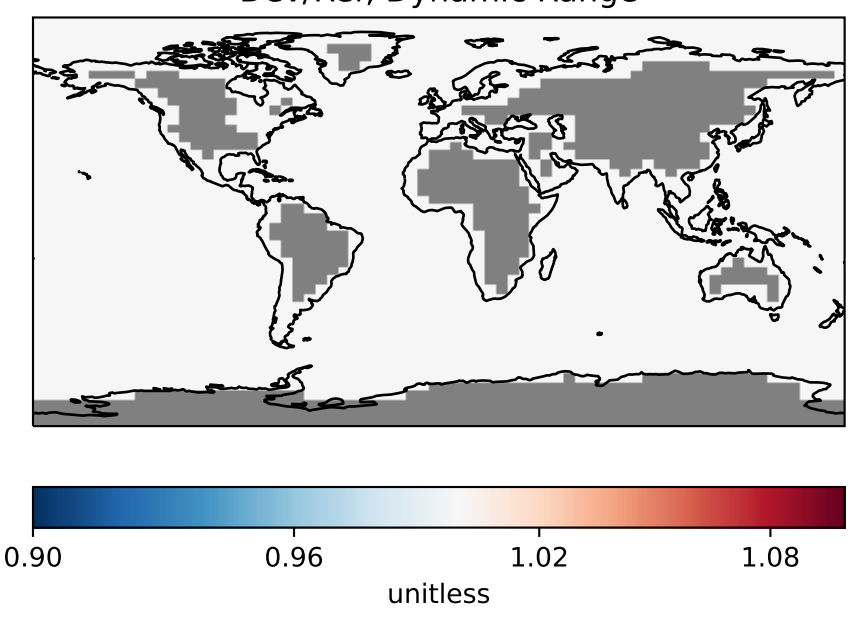
Difference
Dev - Ref, Dynamic Range



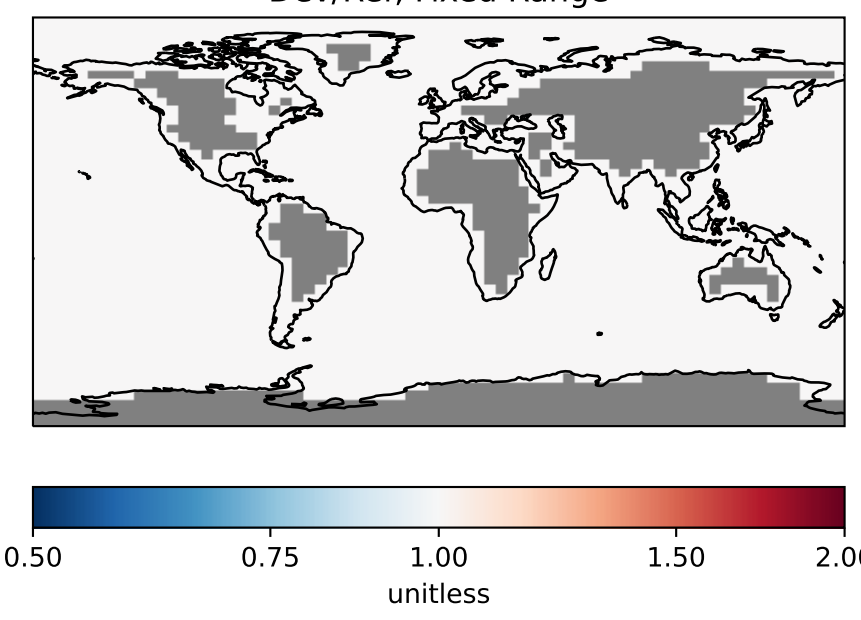
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

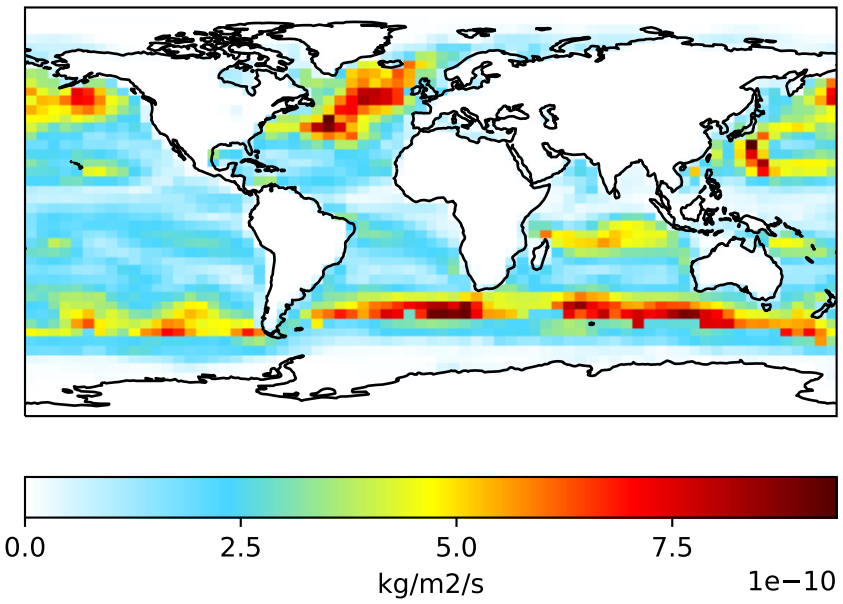


Ratio
Dev/Ref, Fixed Range

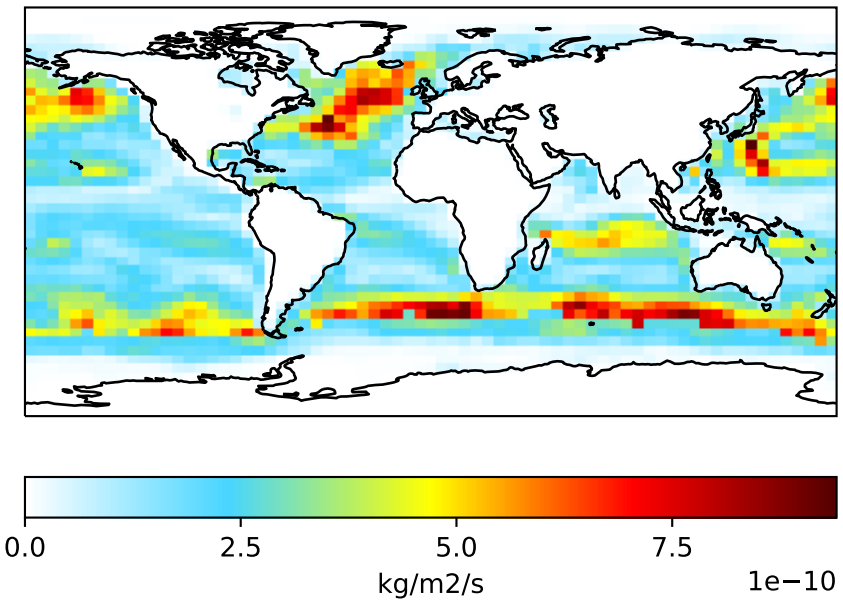


EmisSALCAL_Natural (Oct2019)

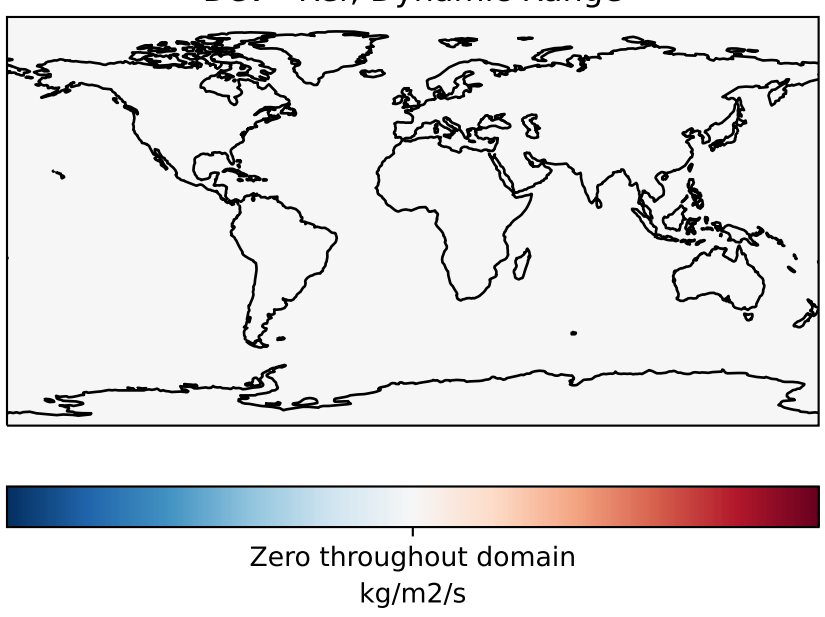
GCC_13.2.0 (Ref)
4.0x5.0



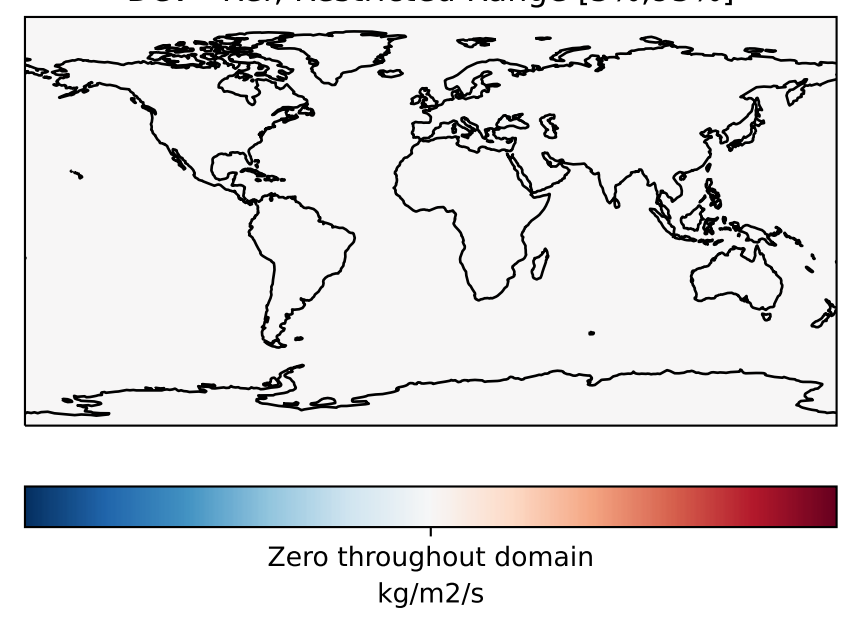
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



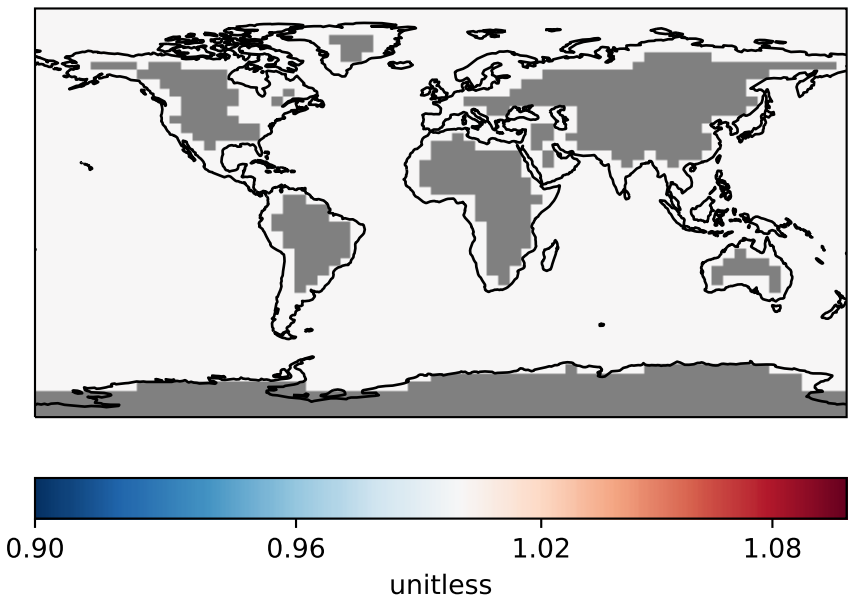
Difference
Dev - Ref, Dynamic Range



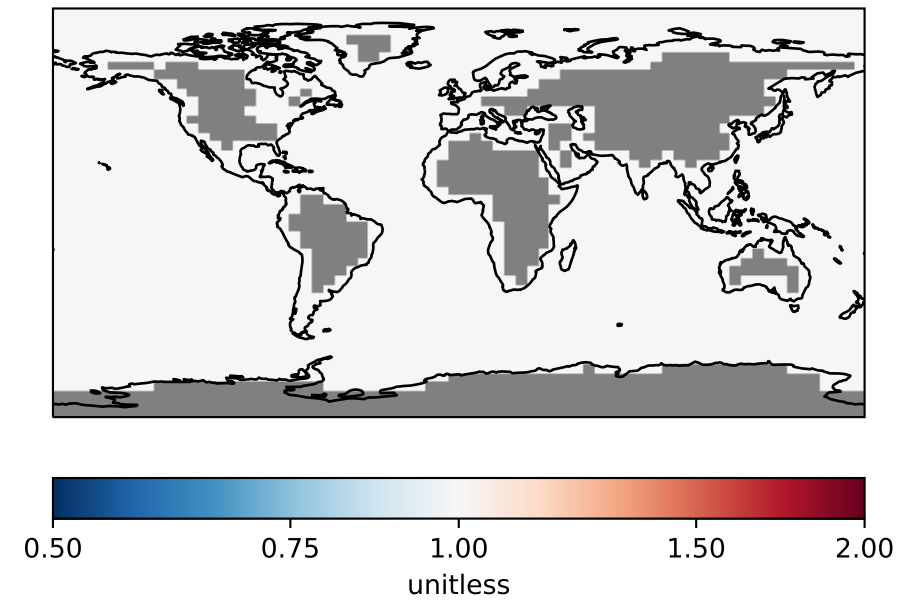
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

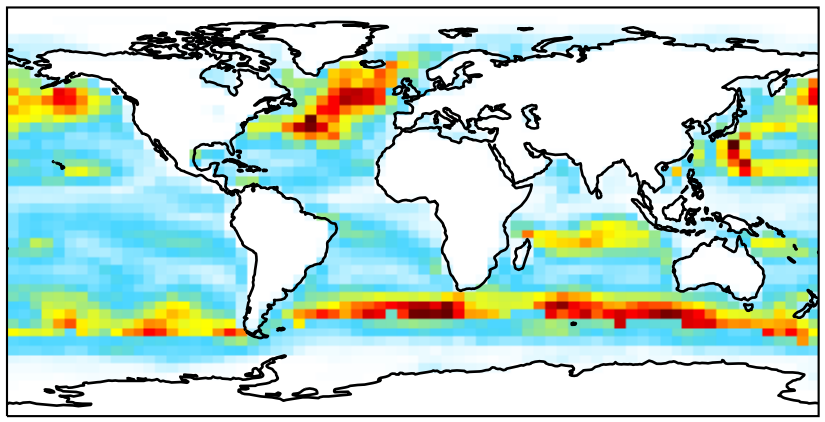


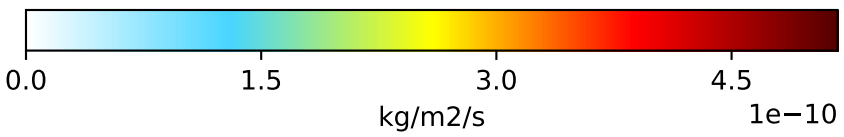
Ratio
Dev/Ref, Fixed Range



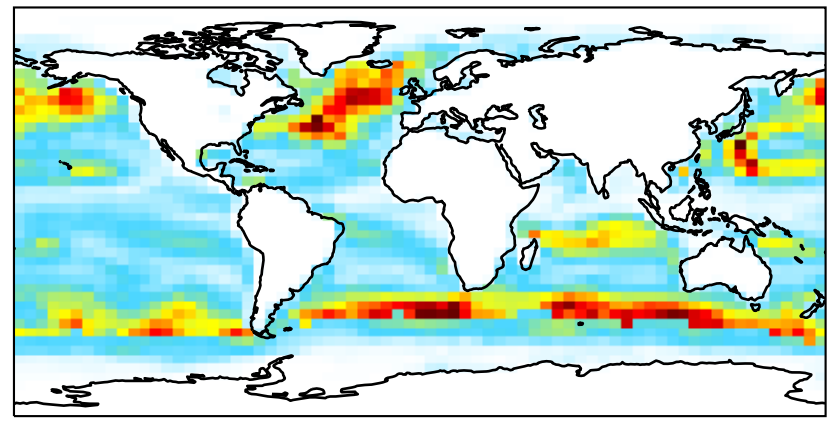
EmisSALCCL_Natural (Oct2019)

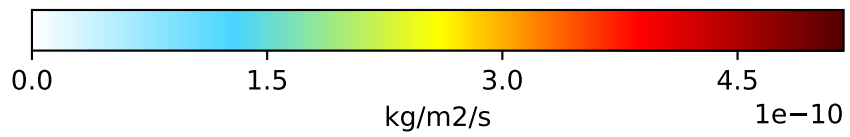
GCC_13.2.0 (Ref)
4.0x5.0



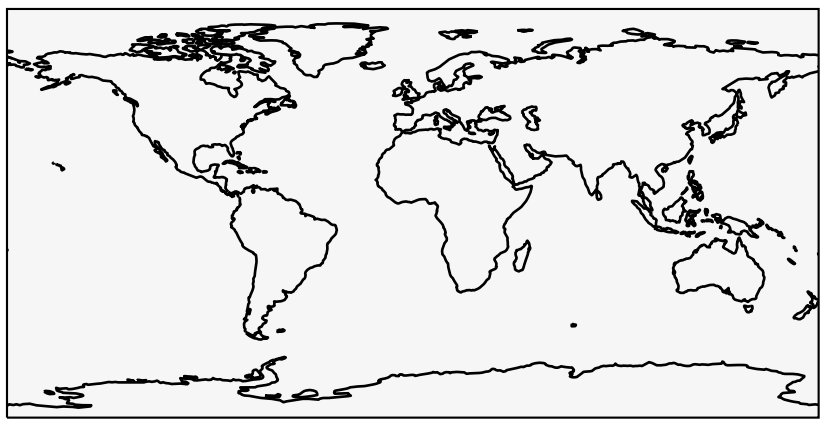


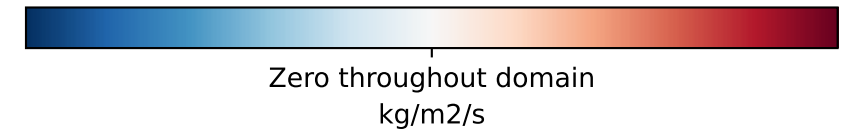
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



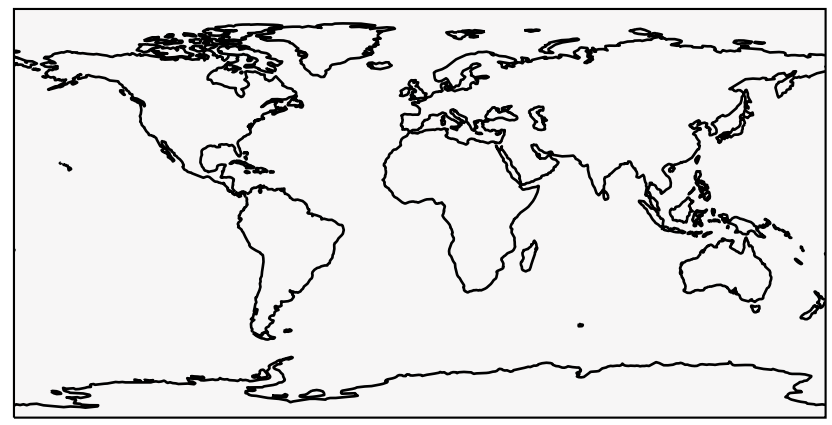


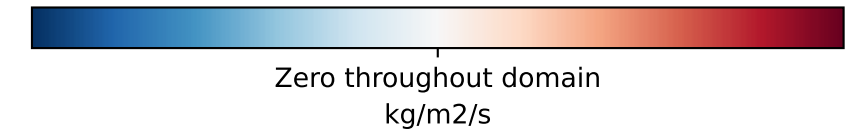
Difference
Dev - Ref, Dynamic Range



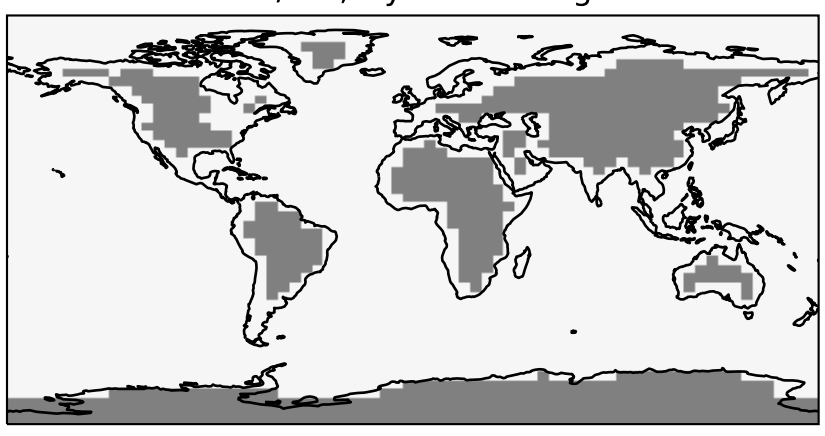


Difference
Dev - Ref, Restricted Range [5%,95%]

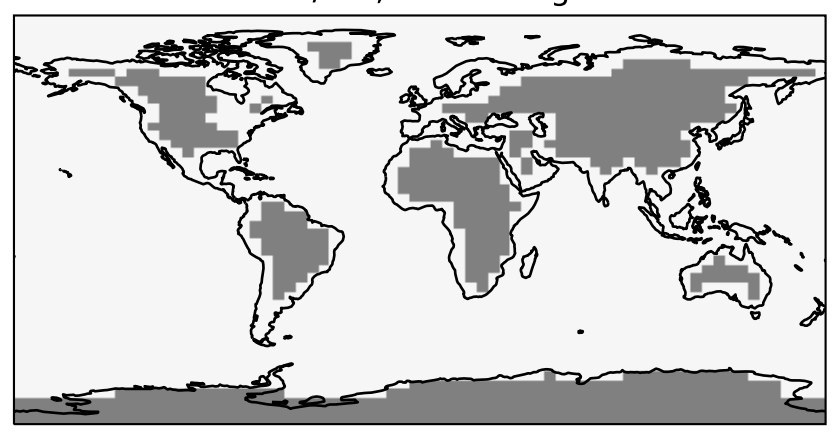


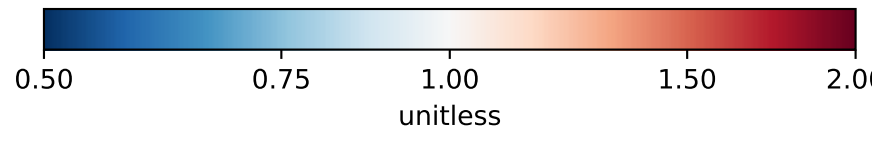


Ratio
Dev/Ref, Dynamic Range



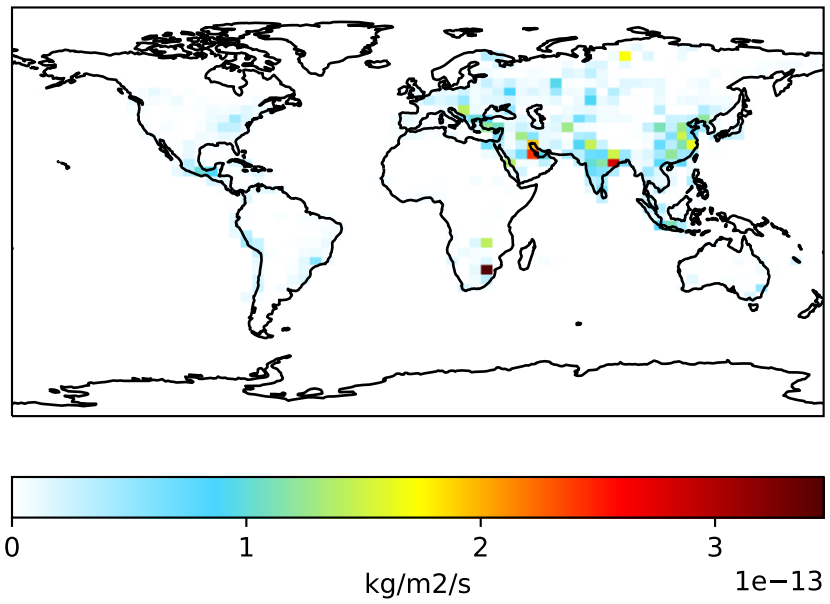
Ratio
Dev/Ref, Fixed Range



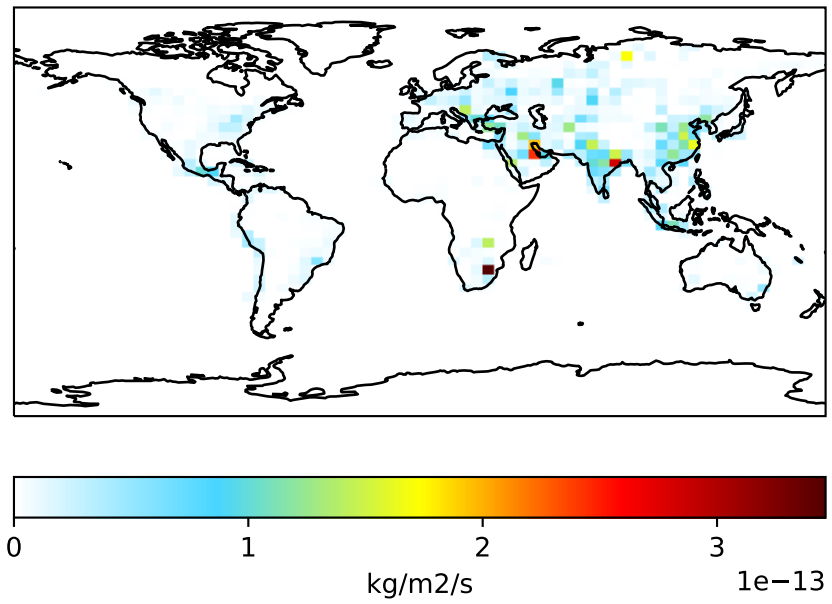


EmispFe_Anthro (Oct2019)

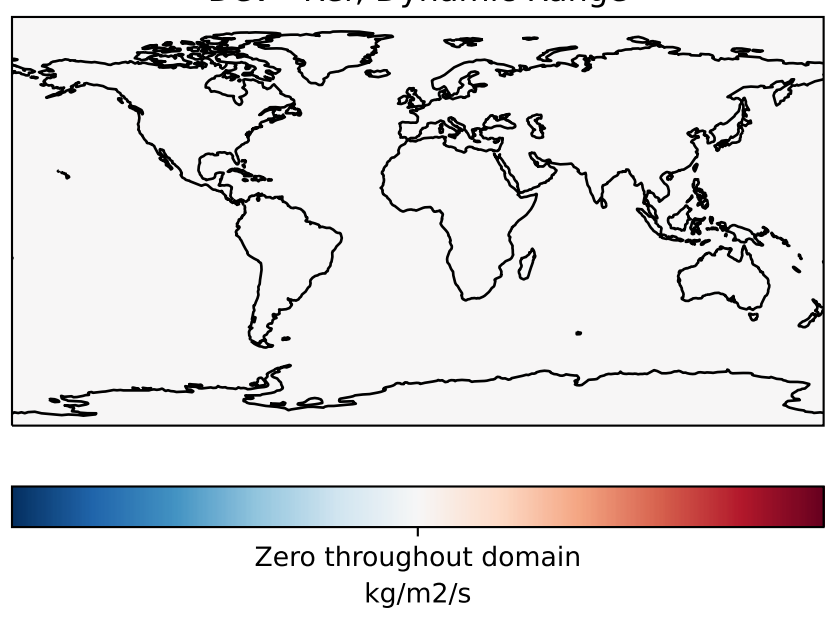
GCC_13.2.0 (Ref)
4.0x5.0



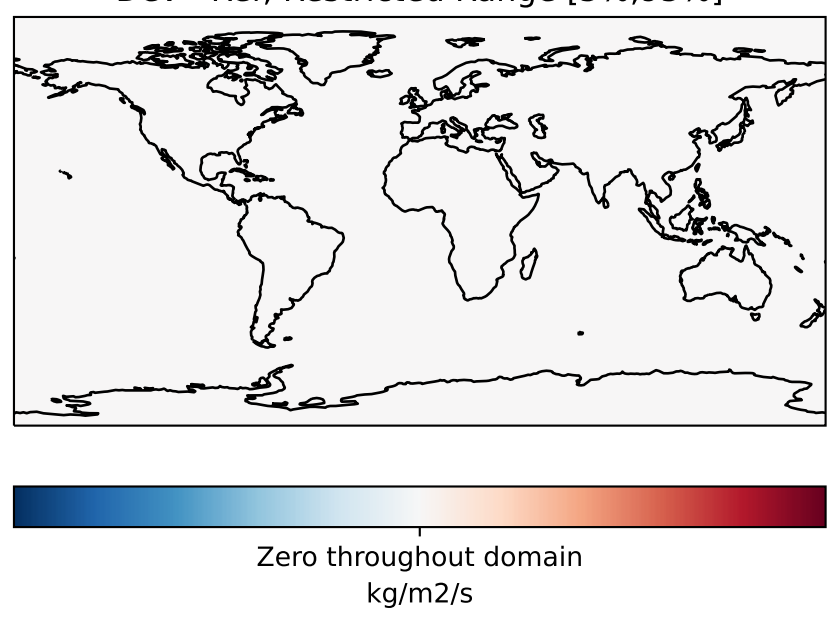
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



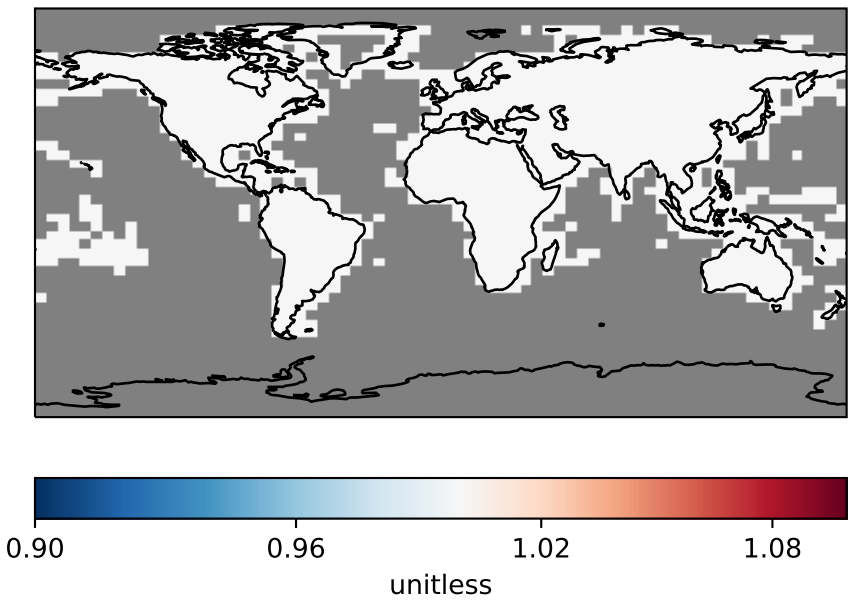
Difference
Dev - Ref, Dynamic Range



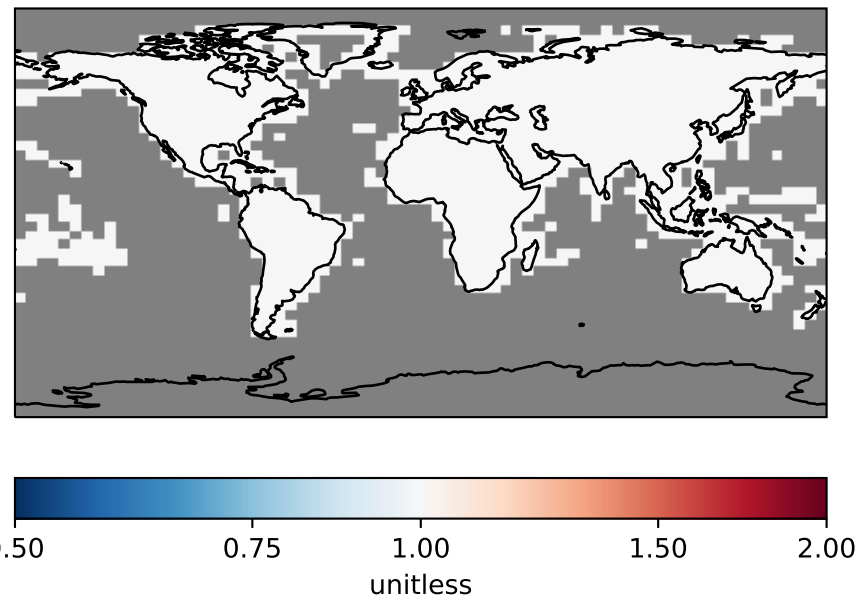
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

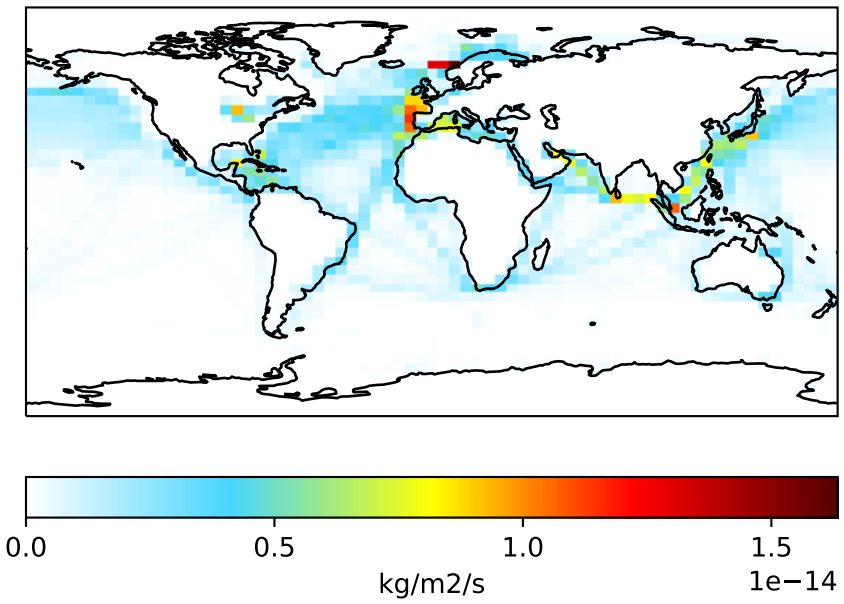


Ratio
Dev/Ref, Fixed Range

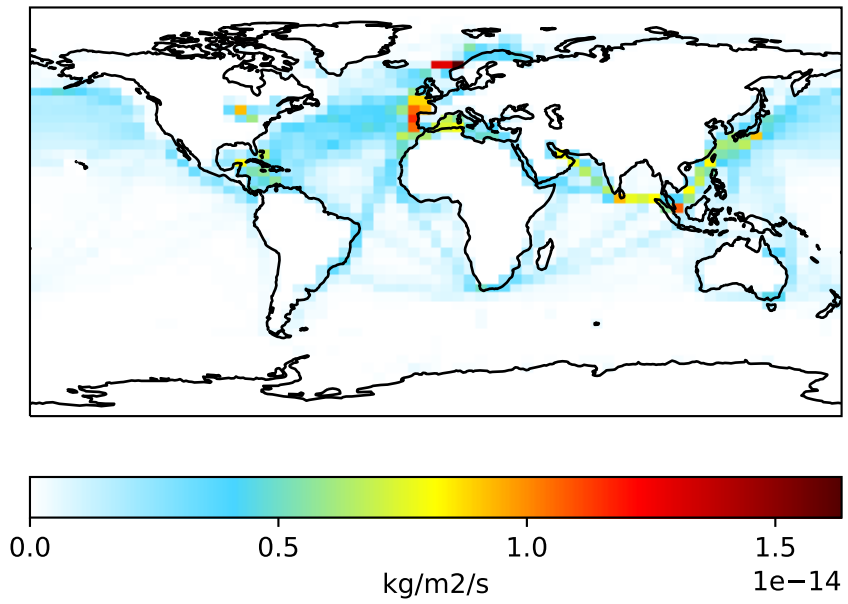


EmispFe_Ship (Oct2019)

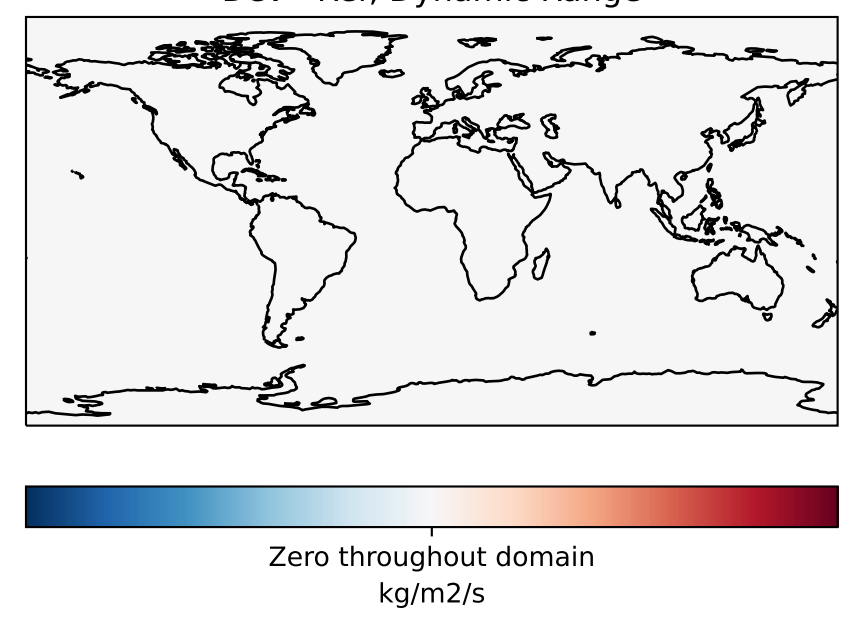
GCC_13.2.0 (Ref)
4.0x5.0



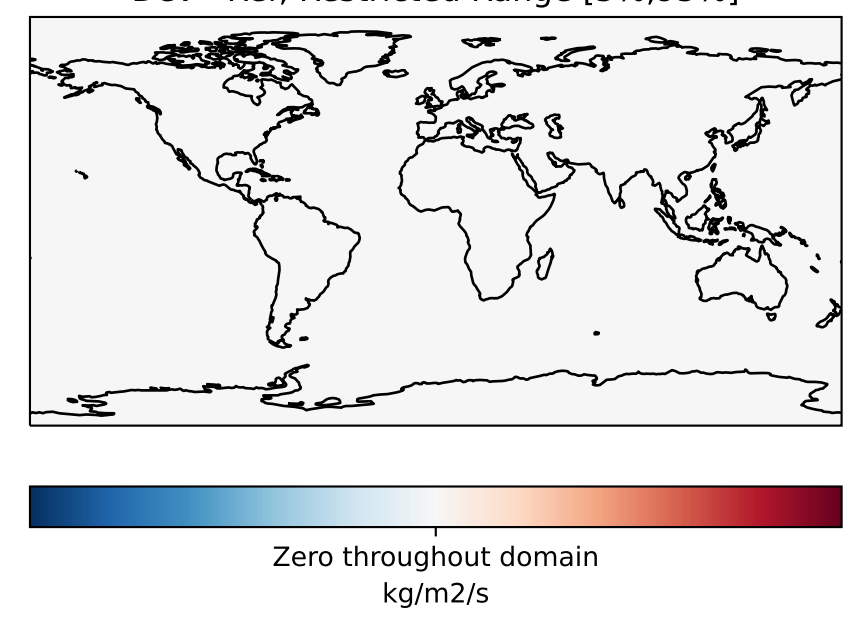
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



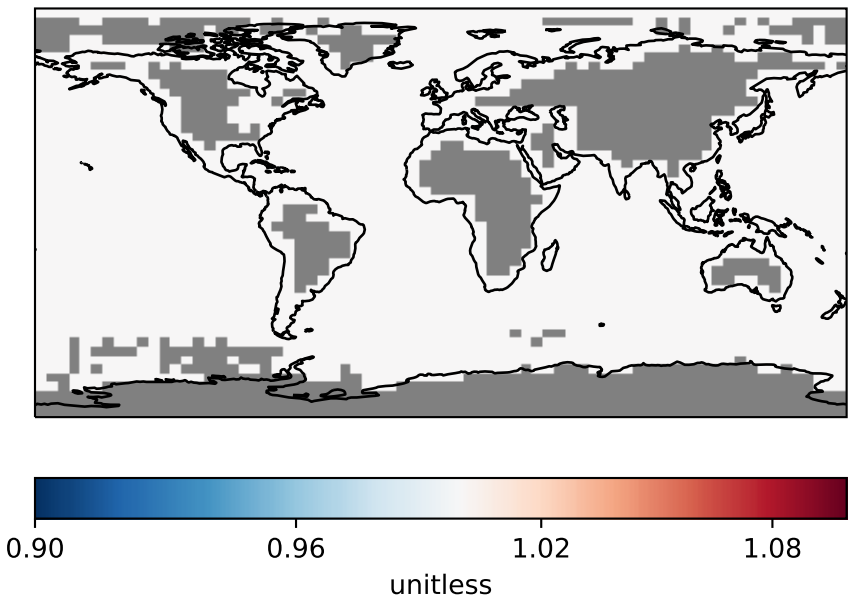
Difference
Dev - Ref, Dynamic Range



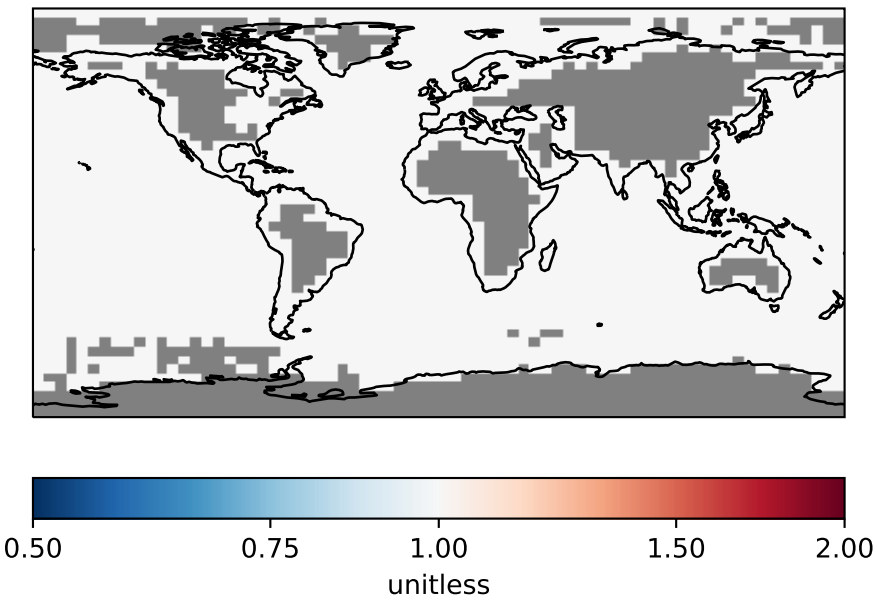
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

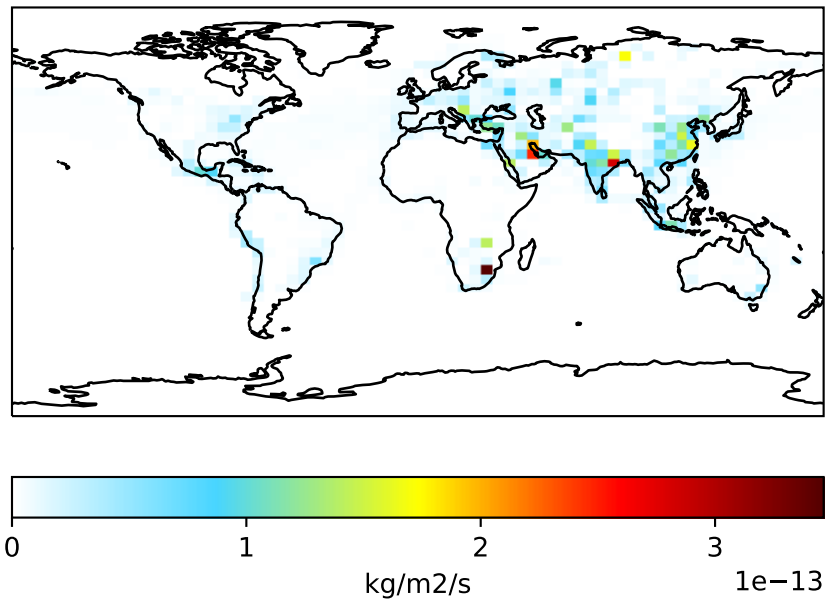


Ratio
Dev/Ref, Fixed Range

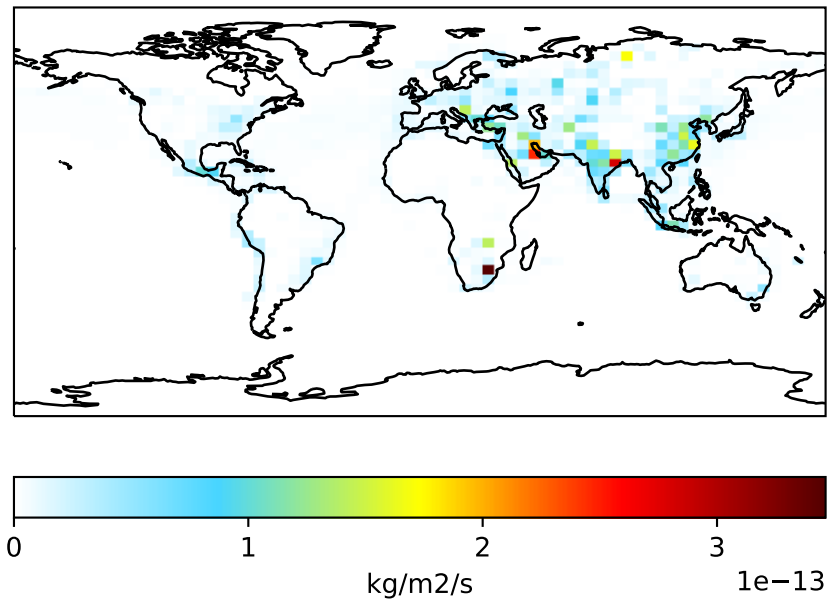


EmispFe_Total (Oct2019)

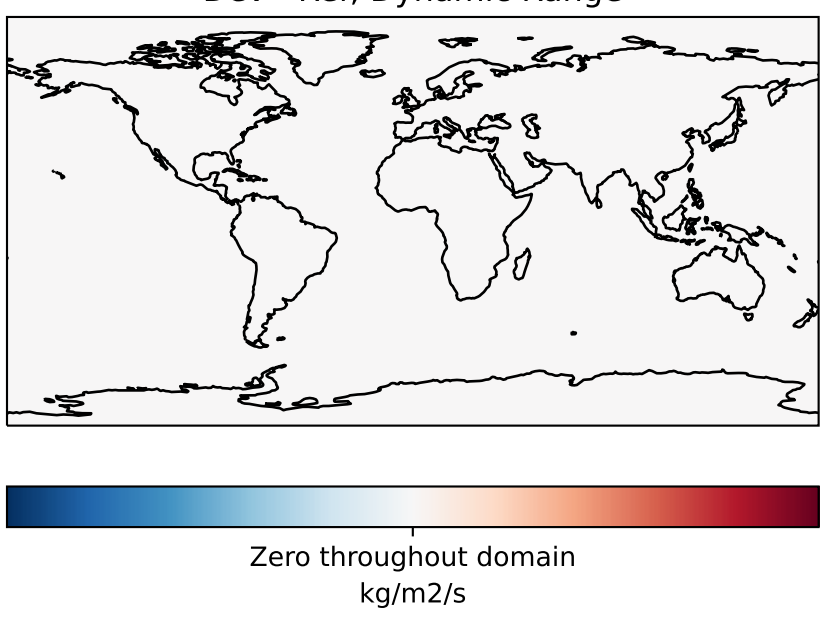
GCC_13.2.0 (Ref)
4.0x5.0



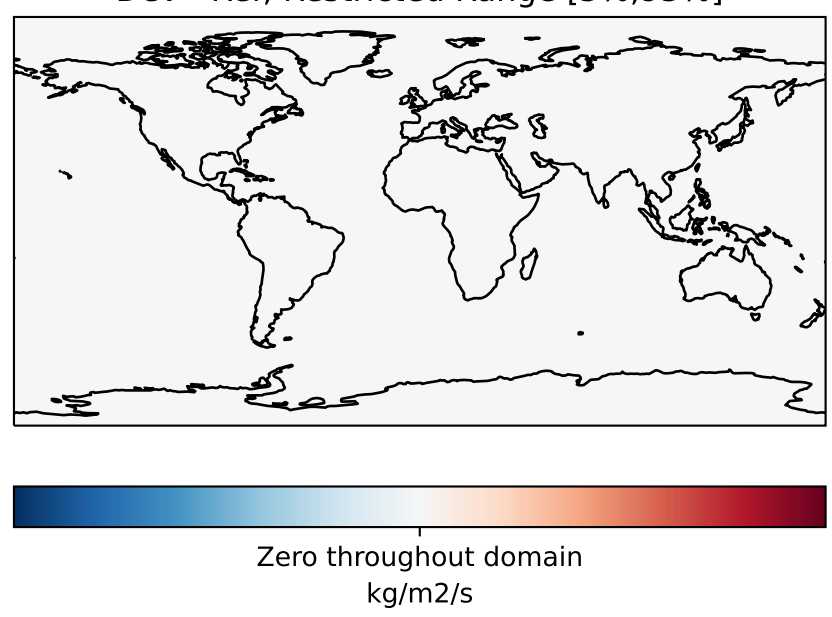
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



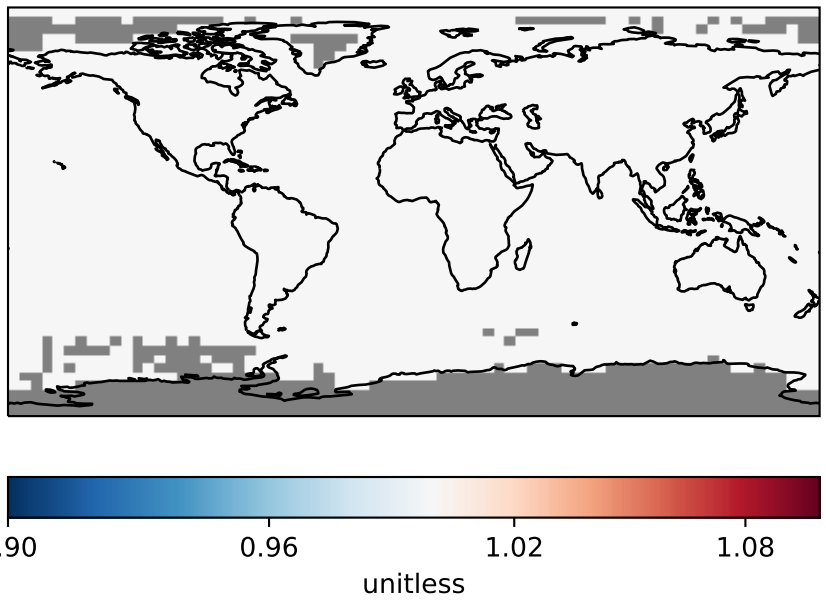
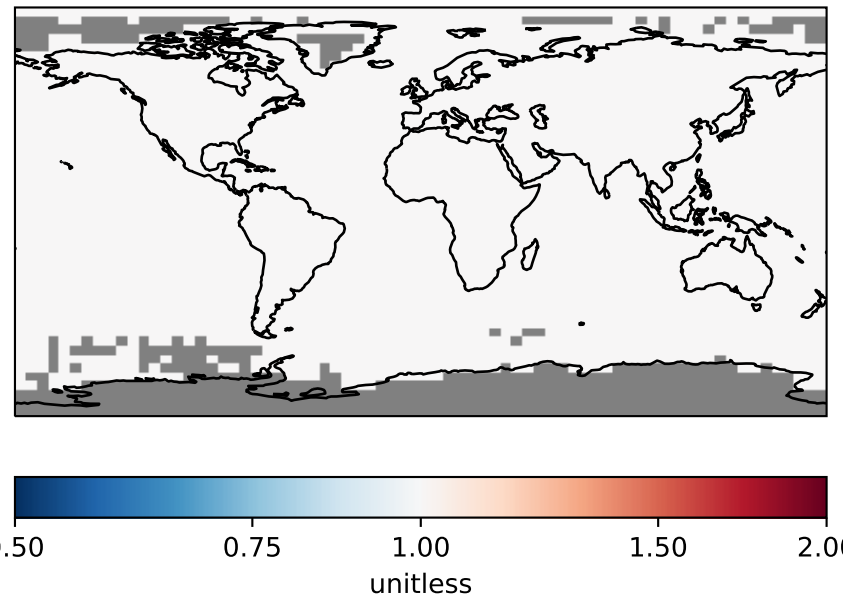
Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range