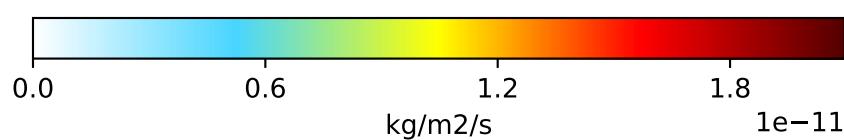
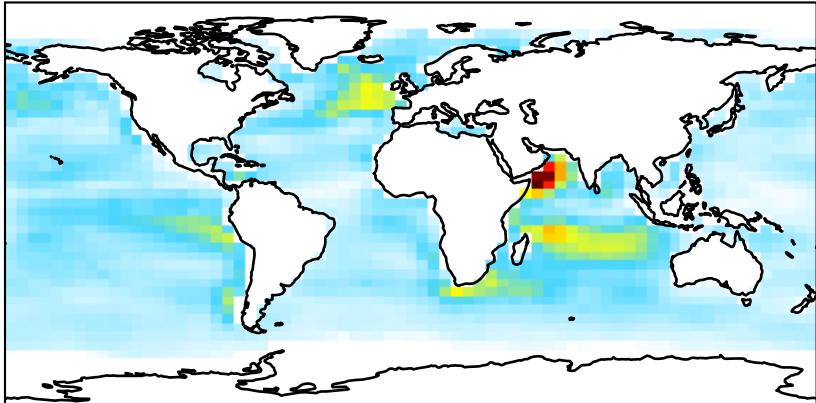
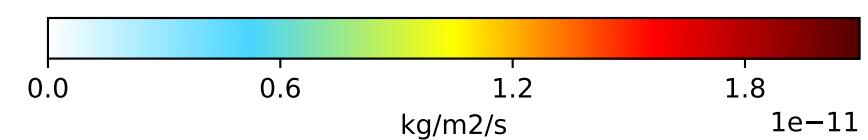
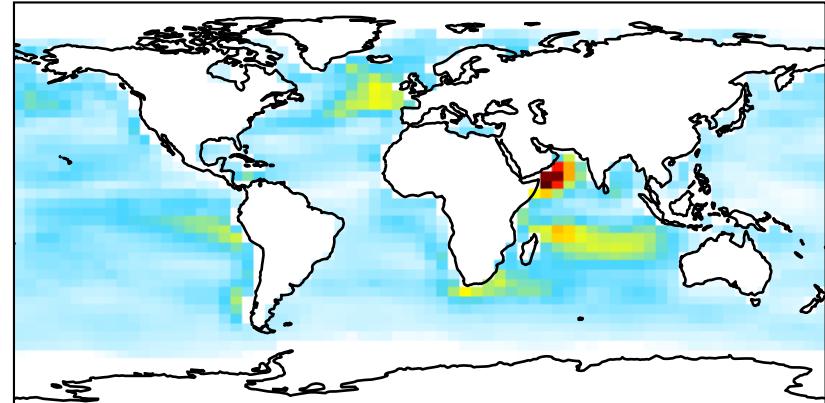


# EmisDMS\_Ocean

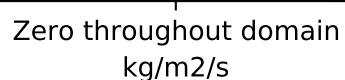
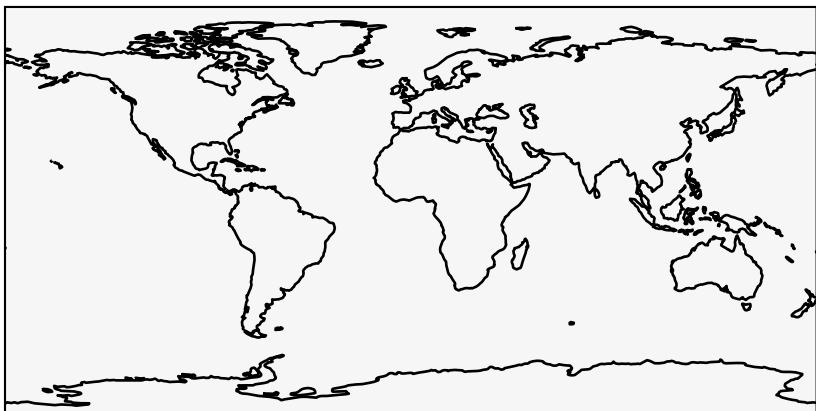
GCC\_13.2.0-beta.0 (Ref)  
4.0x5.0



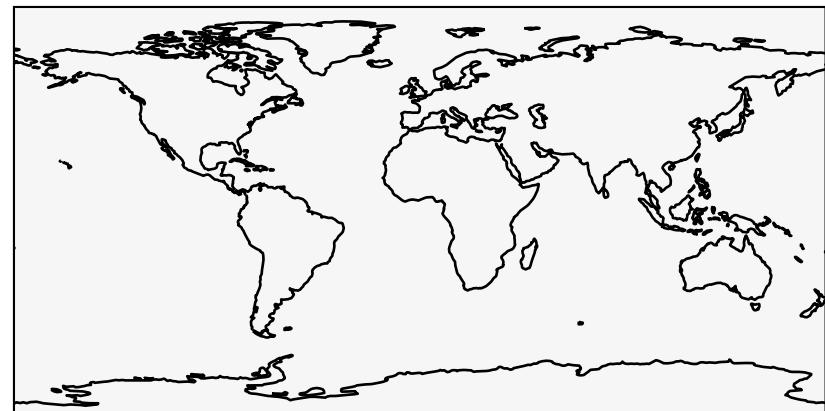
GCC\_13.2.0-beta.0-LuoWetdep (Dev)  
4.0x5.0



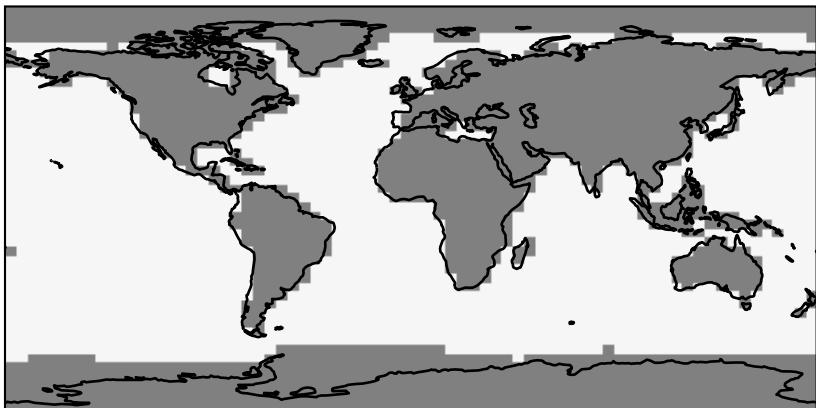
Difference  
Dev - Ref, Dynamic Range



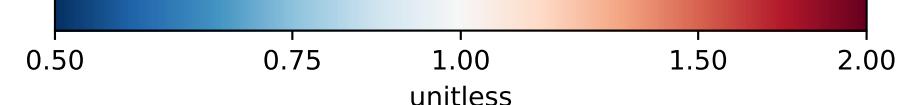
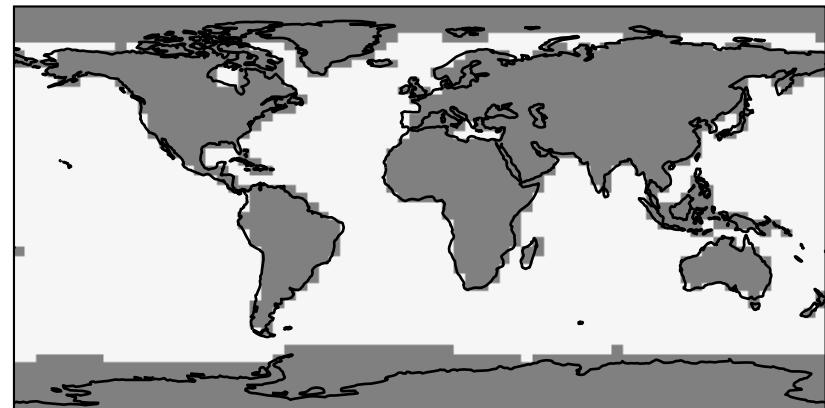
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

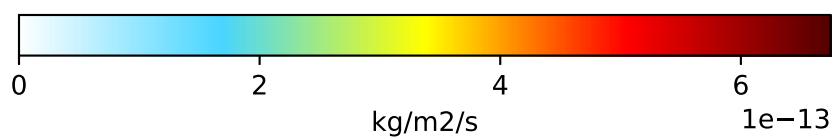
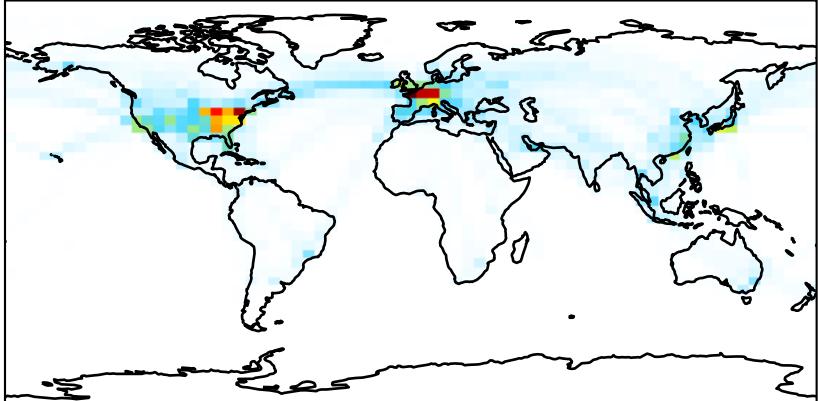


Ratio  
Dev/Ref, Fixed Range

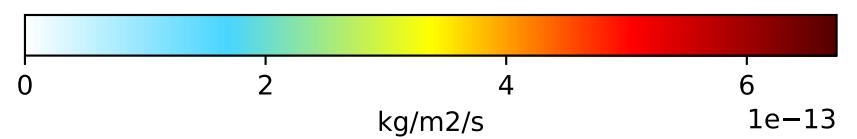
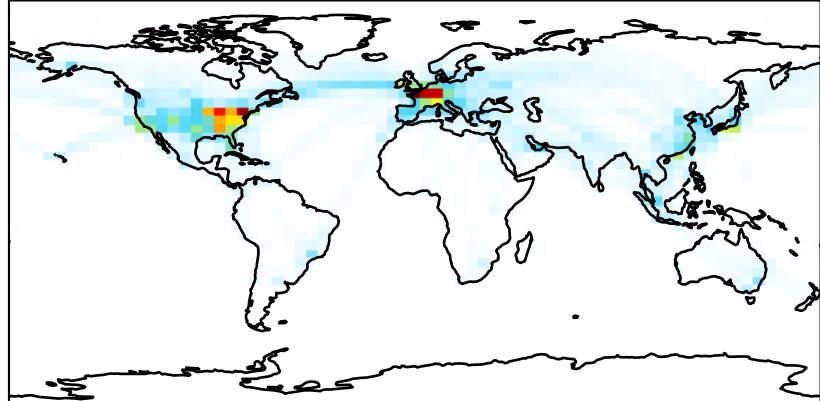


# EmisSO2\_Aircraft

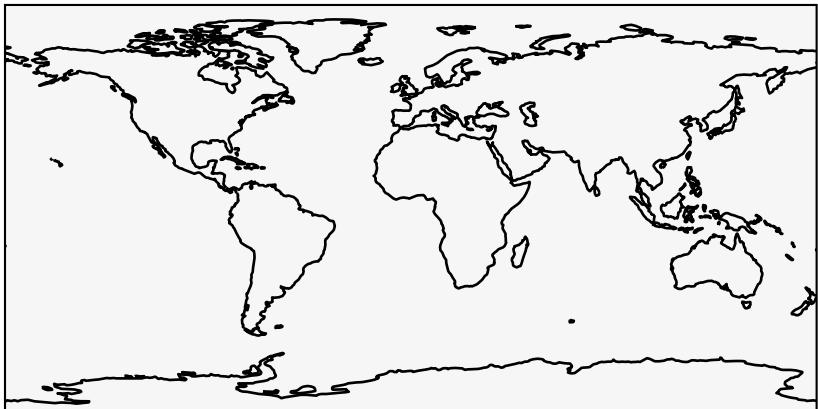
GCC\_13.2.0-beta.0 (Ref)  
4.0x5.0



GCC\_13.2.0-beta.0-LuoWetdep (Dev)  
4.0x5.0

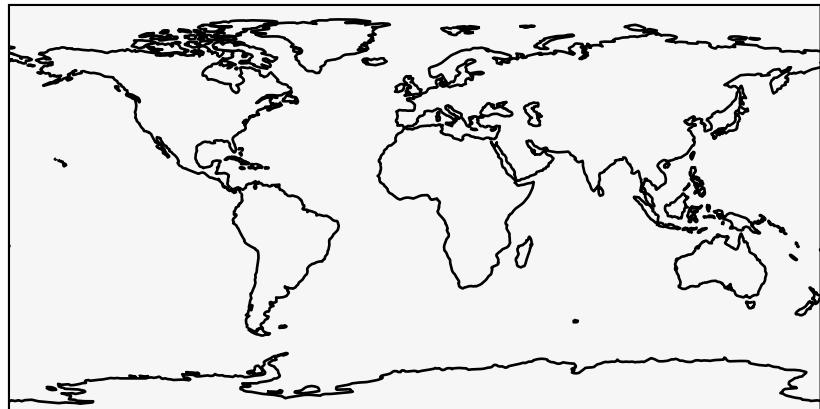


Difference  
Dev - Ref, Dynamic Range



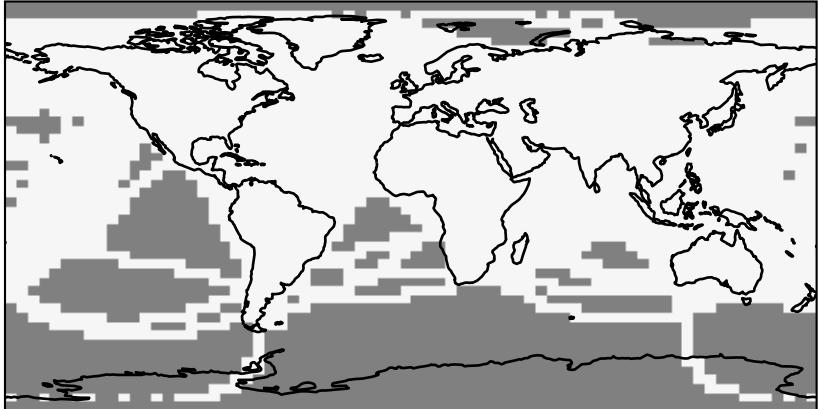
Zero throughout domain  
kg/m<sup>2</sup>/s

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

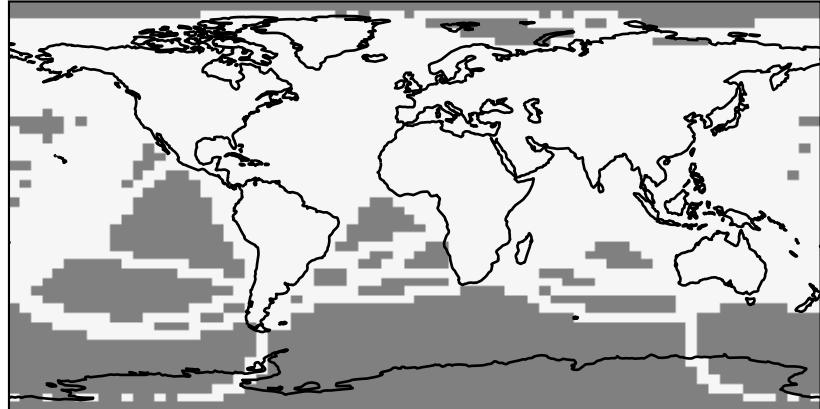


Zero throughout domain  
kg/m<sup>2</sup>/s

Ratio  
Dev/Ref, Dynamic Range

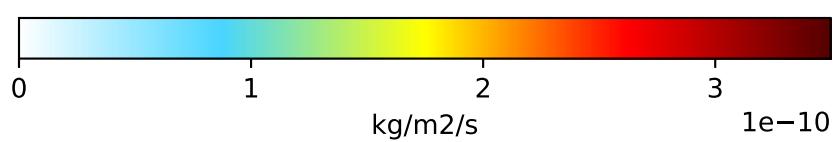
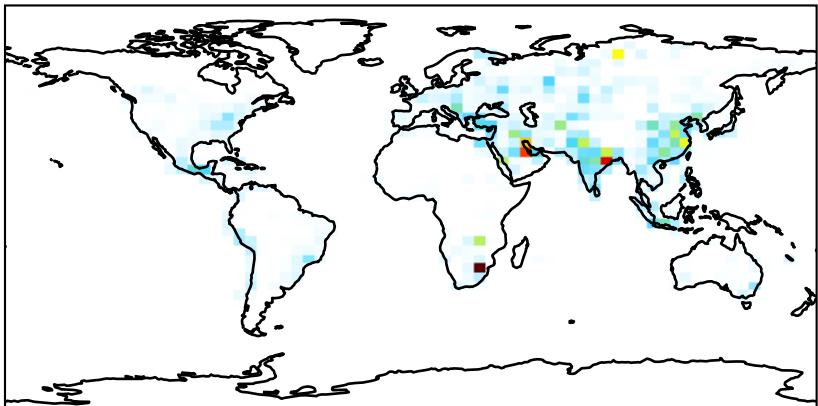


Ratio  
Dev/Ref, Fixed Range

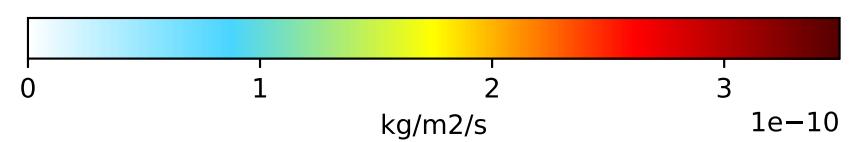
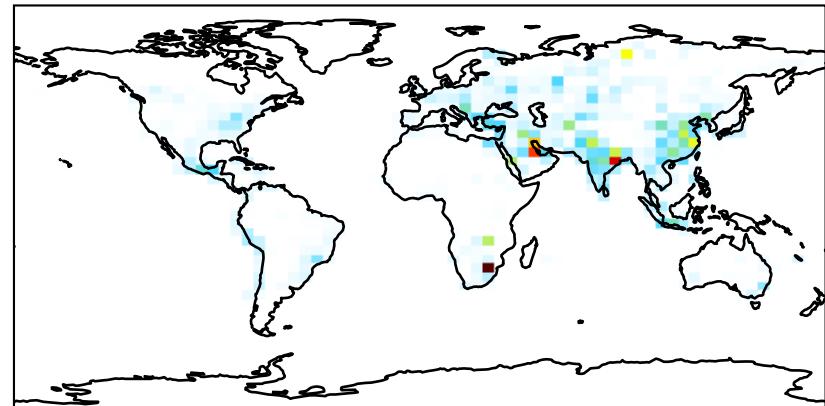


# EmisSO2\_Anthro

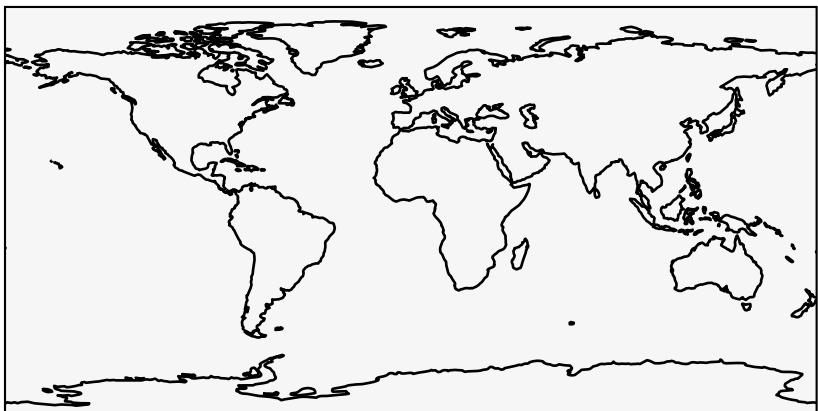
GCC\_13.2.0-beta.0 (Ref)  
4.0x5.0



GCC\_13.2.0-beta.0-LuoWetdep (Dev)  
4.0x5.0

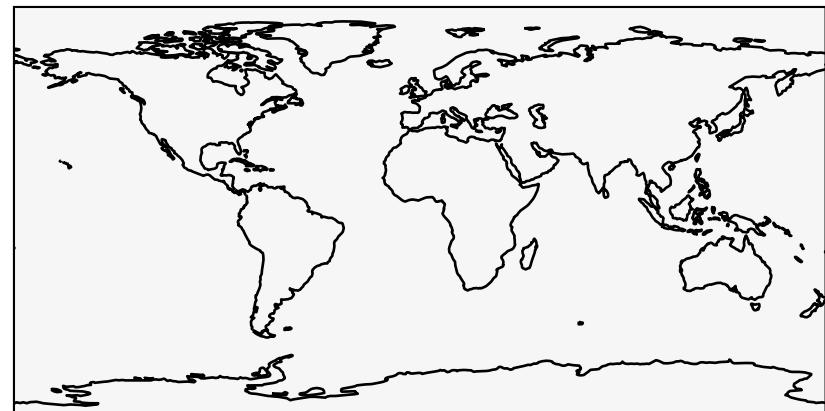


Difference  
Dev - Ref, Dynamic Range



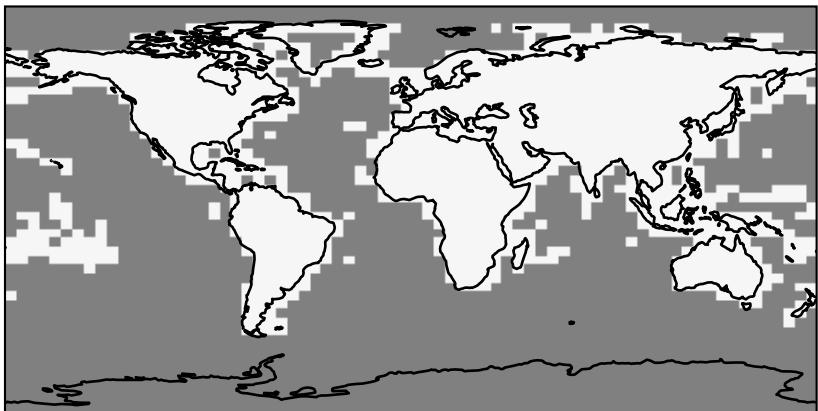
Zero throughout domain  
kg/m<sup>2</sup>/s

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

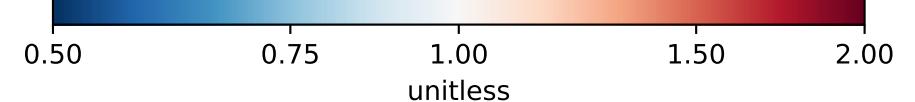
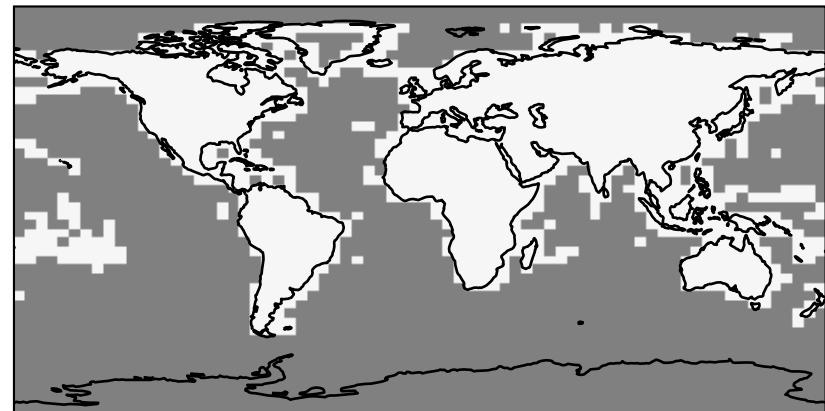


Zero throughout domain  
kg/m<sup>2</sup>/s

Ratio  
Dev/Ref, Dynamic Range

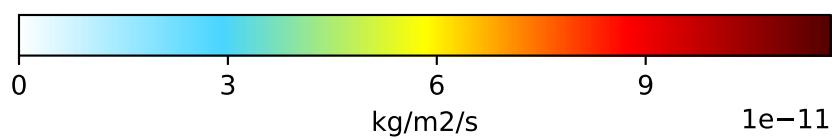
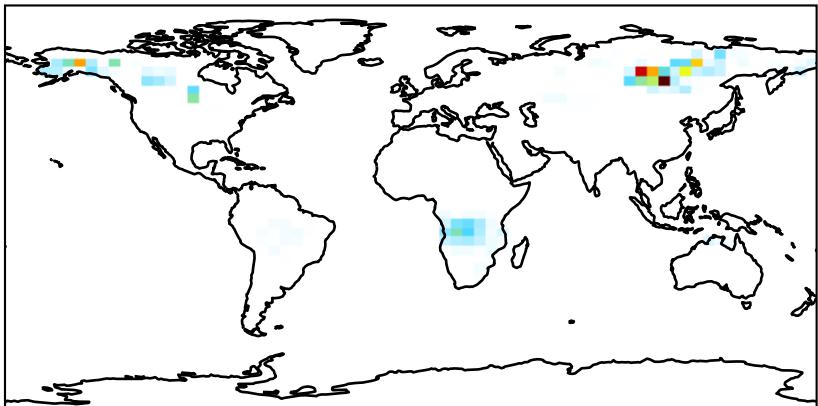


Ratio  
Dev/Ref, Fixed Range

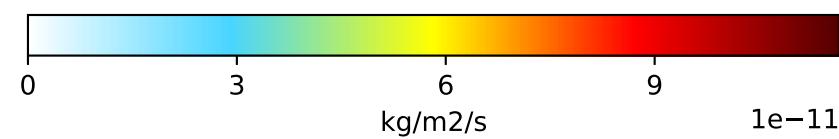
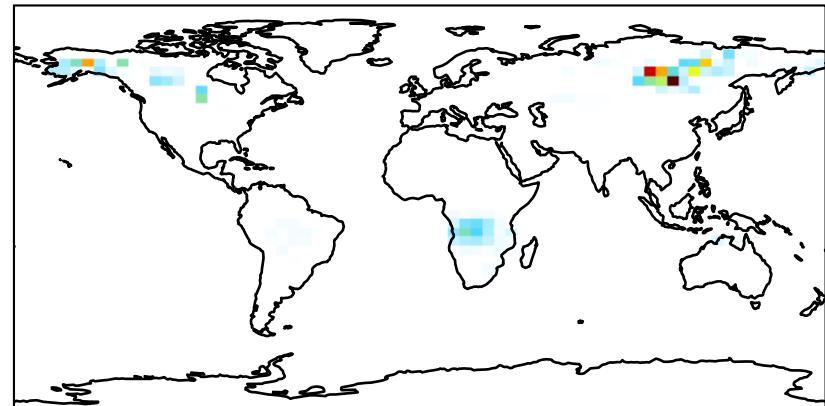


# EmisSO2\_BioBurn

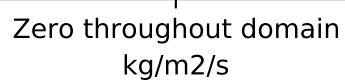
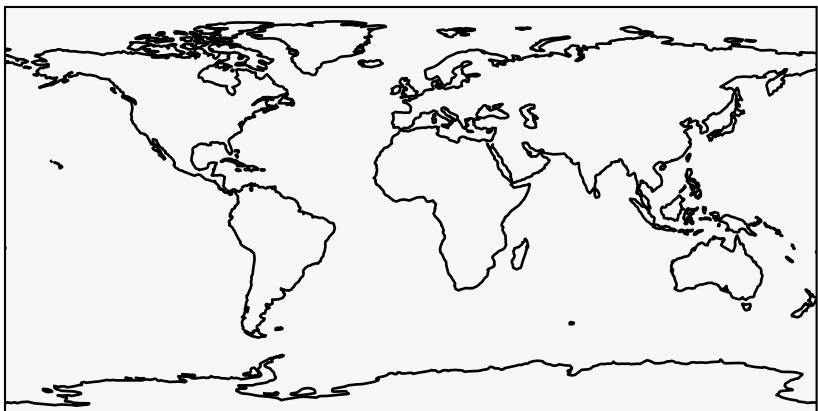
GCC\_13.2.0-beta.0 (Ref)  
4.0x5.0



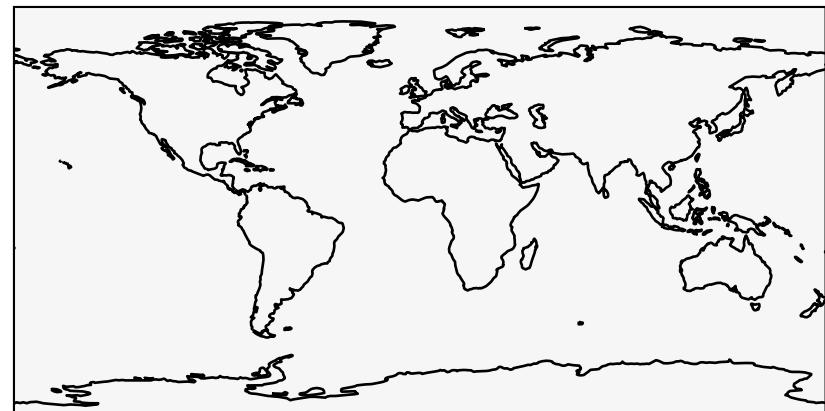
GCC\_13.2.0-beta.0-LuoWetdep (Dev)  
4.0x5.0



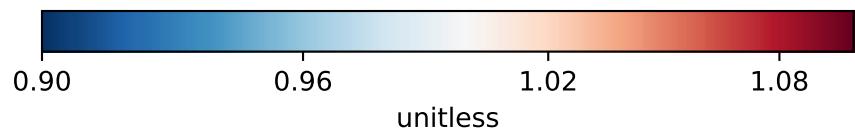
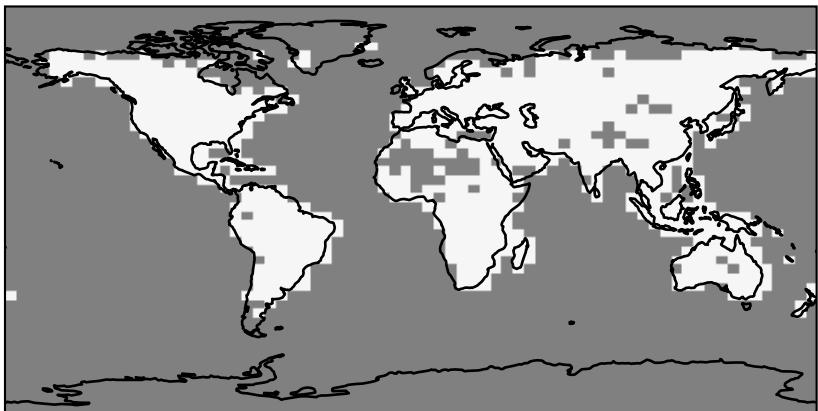
Difference  
Dev - Ref, Dynamic Range



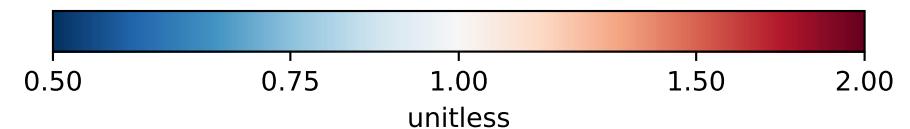
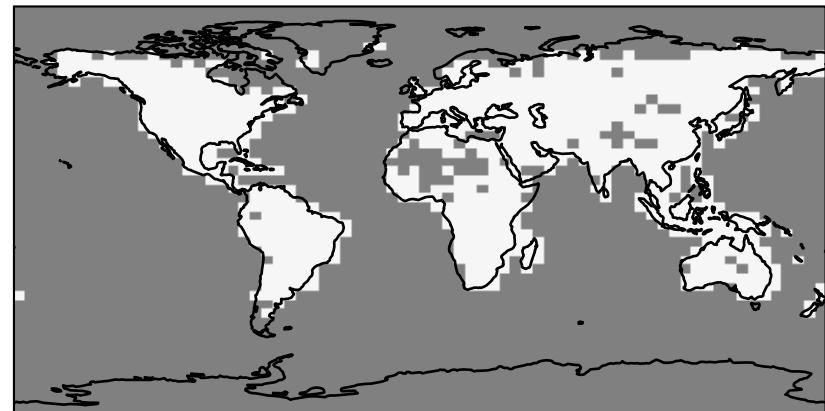
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

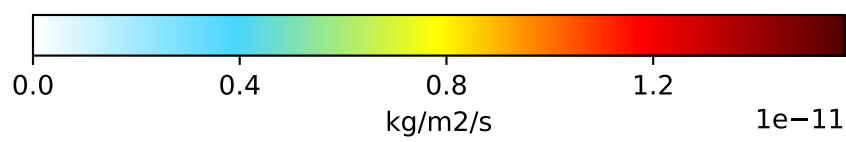
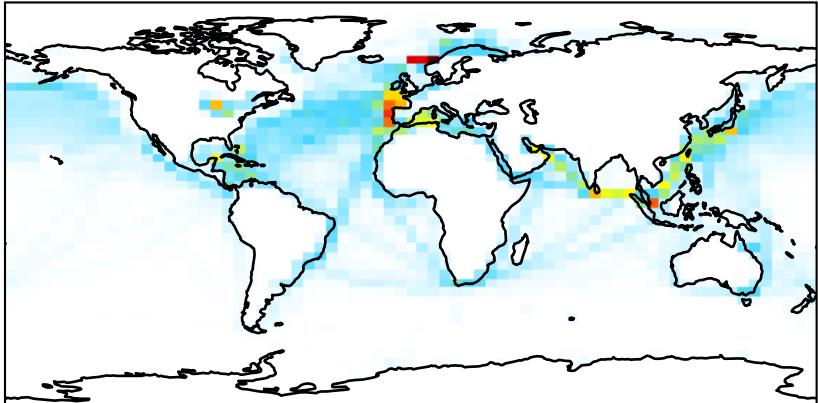


Ratio  
Dev/Ref, Fixed Range

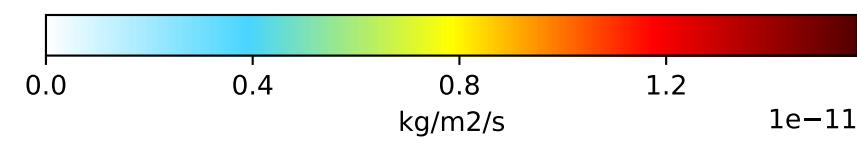
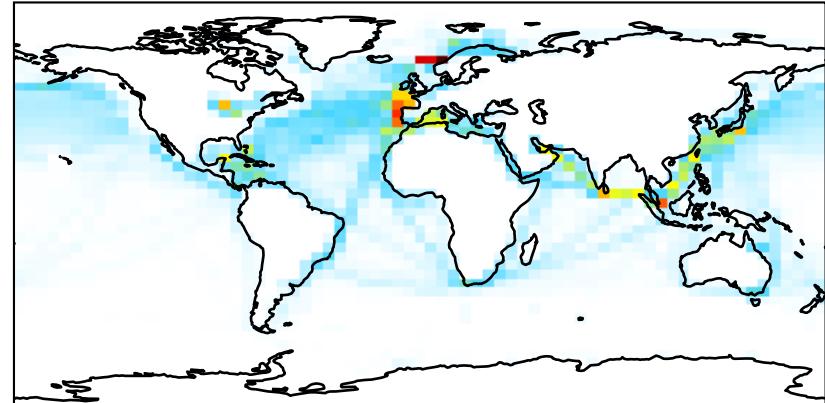


# EmisSO2\_Ship

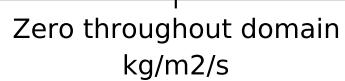
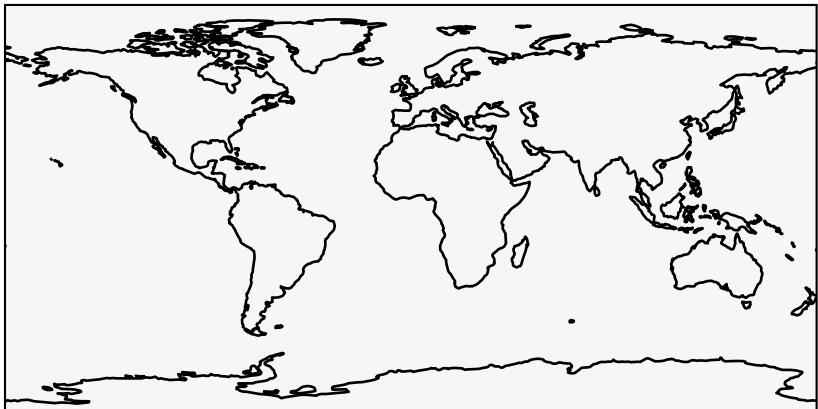
GCC\_13.2.0-beta.0 (Ref)  
4.0x5.0



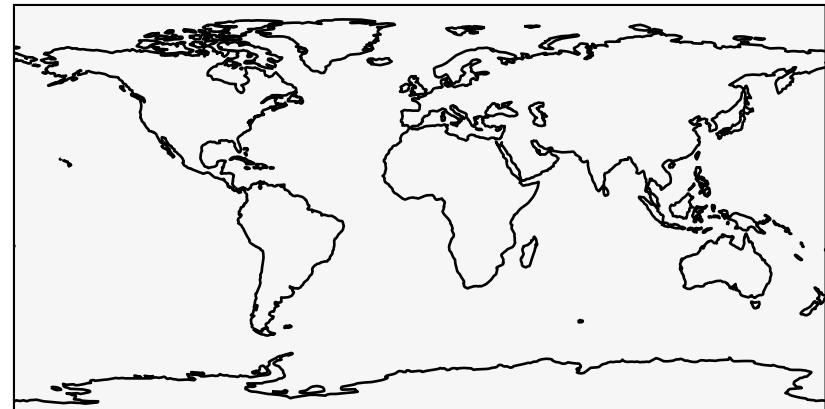
GCC\_13.2.0-beta.0-LuoWetdep (Dev)  
4.0x5.0



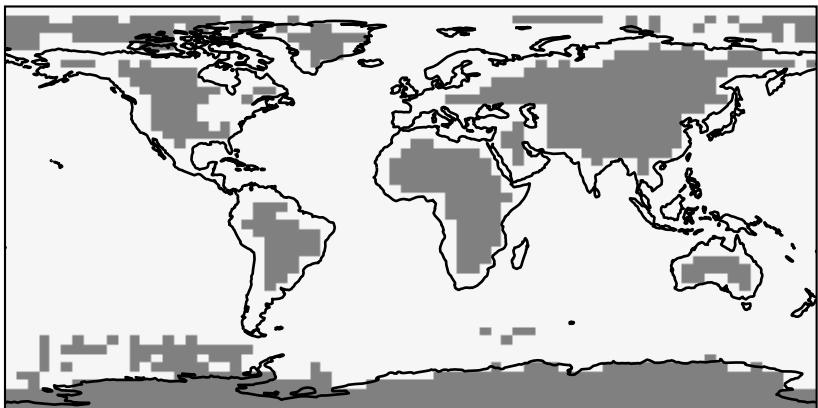
Difference  
Dev - Ref, Dynamic Range



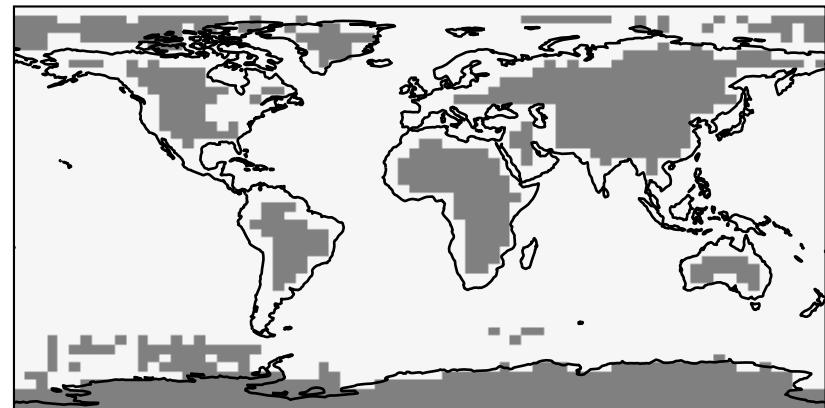
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

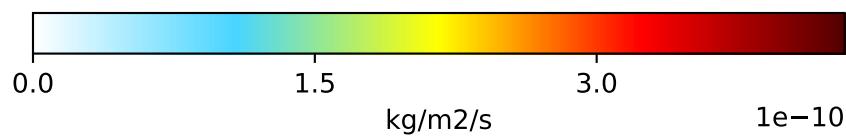
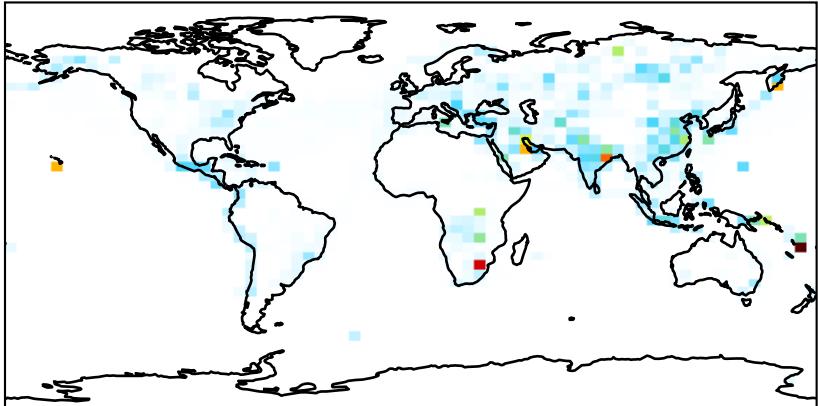


Ratio  
Dev/Ref, Fixed Range

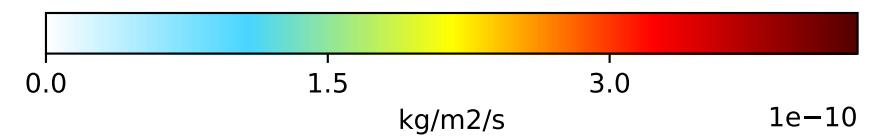
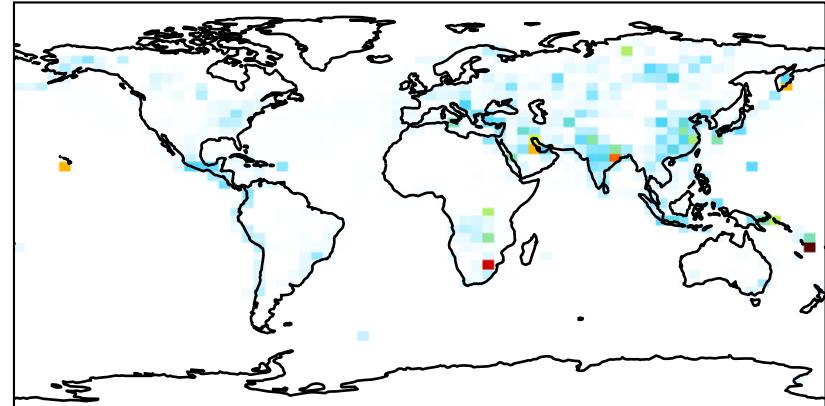


# EmisSO2\_Total

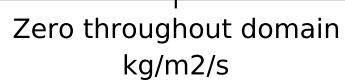
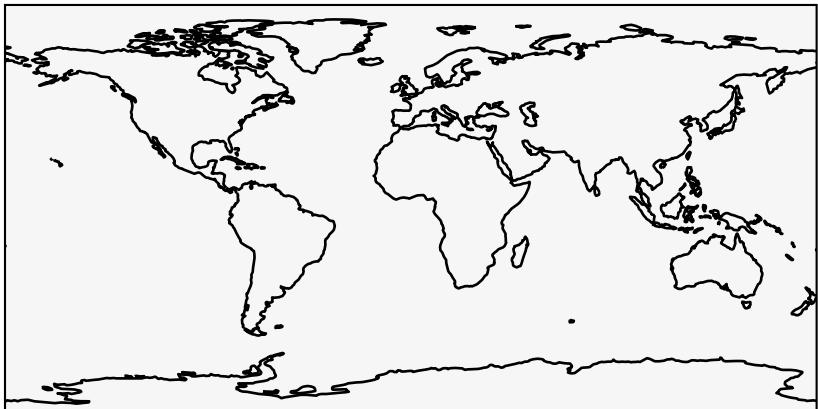
GCC\_13.2.0-beta.0 (Ref)  
4.0x5.0



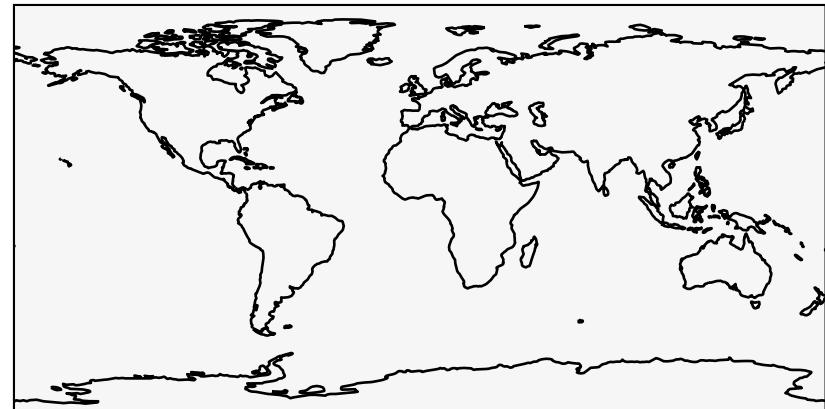
GCC\_13.2.0-beta.0-LuoWetdep (Dev)  
4.0x5.0



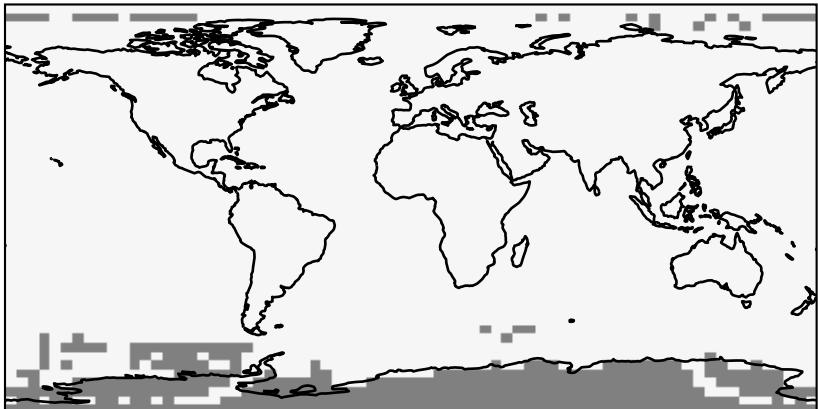
Difference  
Dev - Ref, Dynamic Range



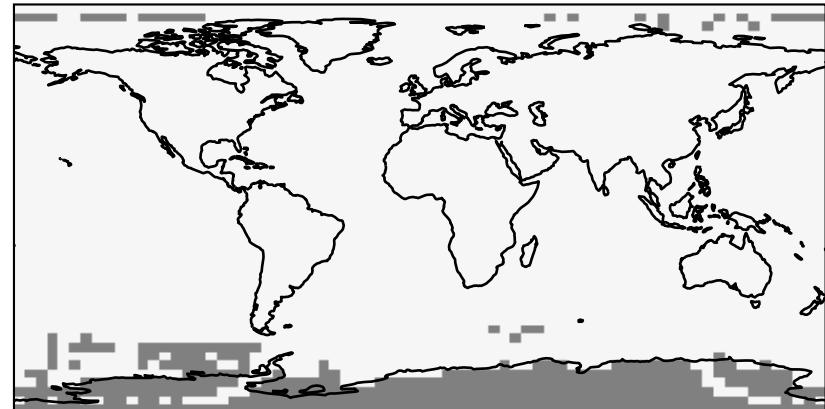
Difference  
Dev - Ref, Restricted Range [5%,95%]



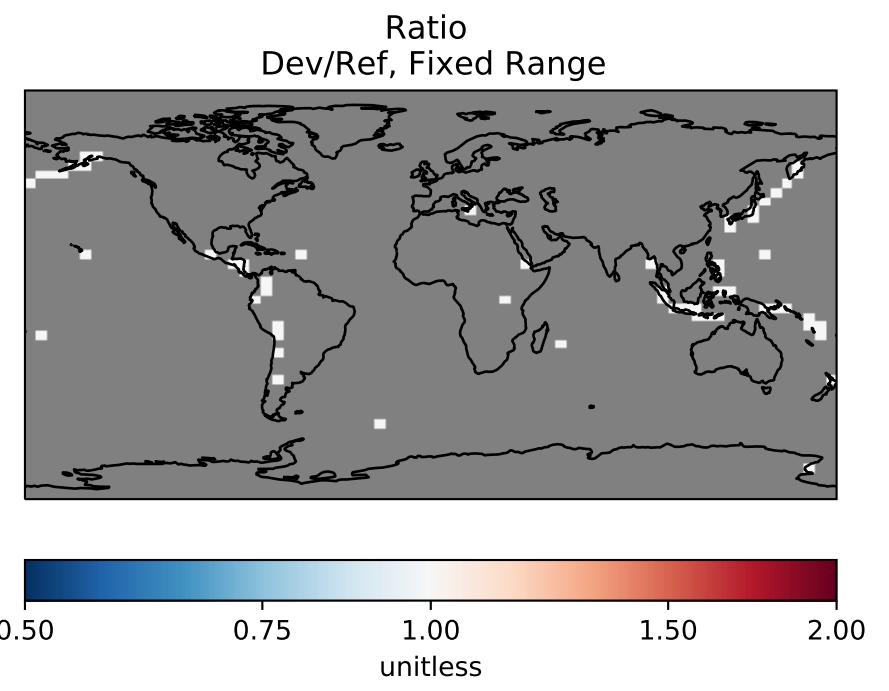
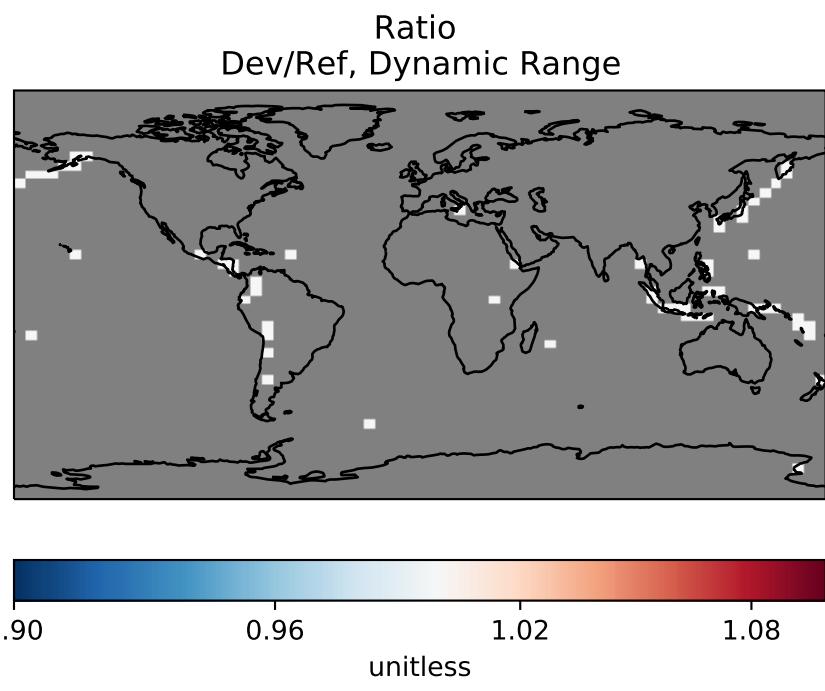
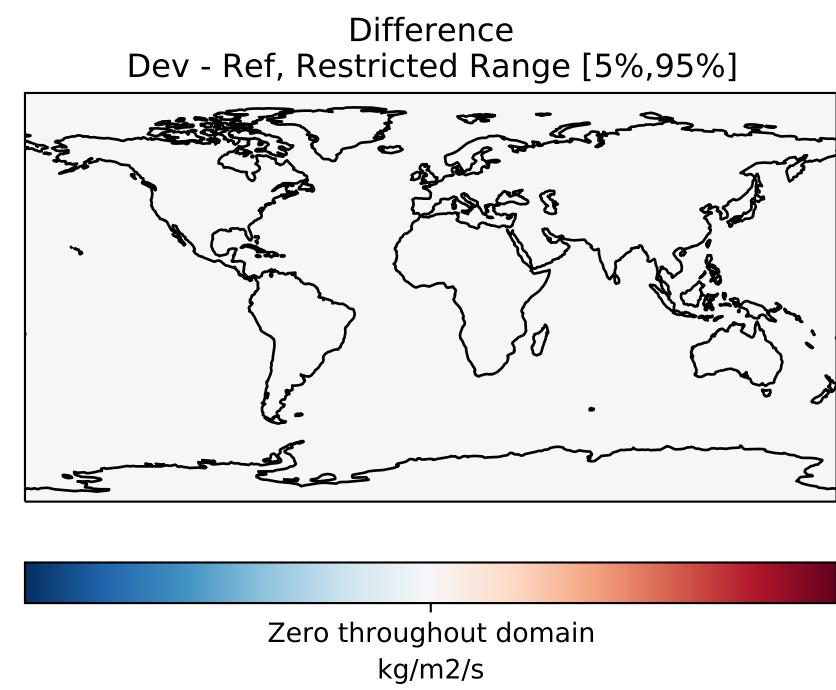
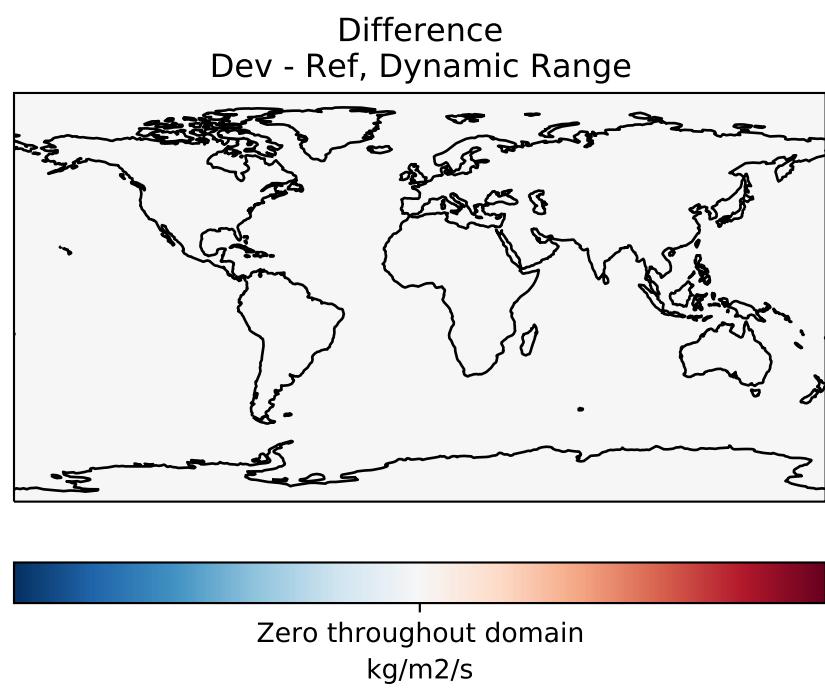
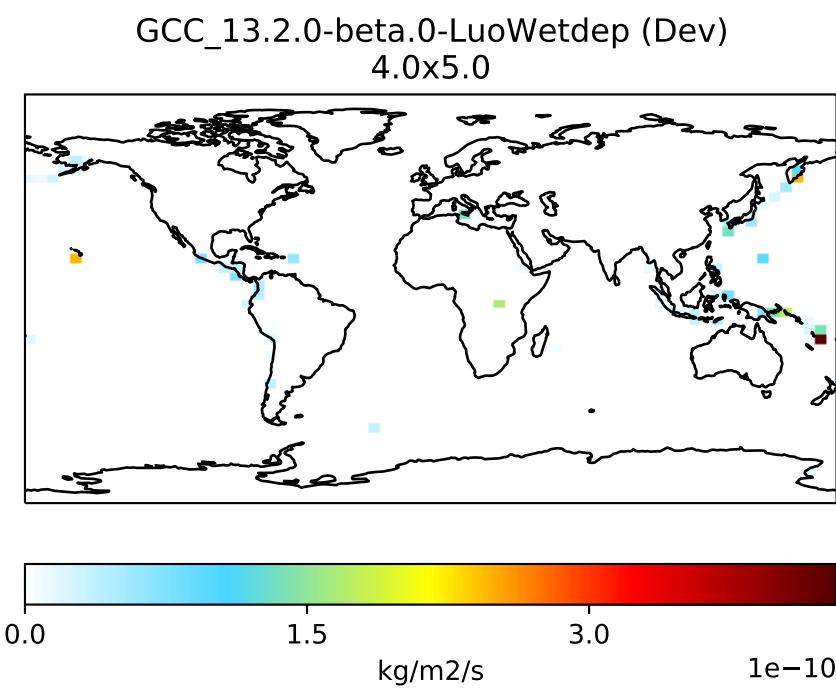
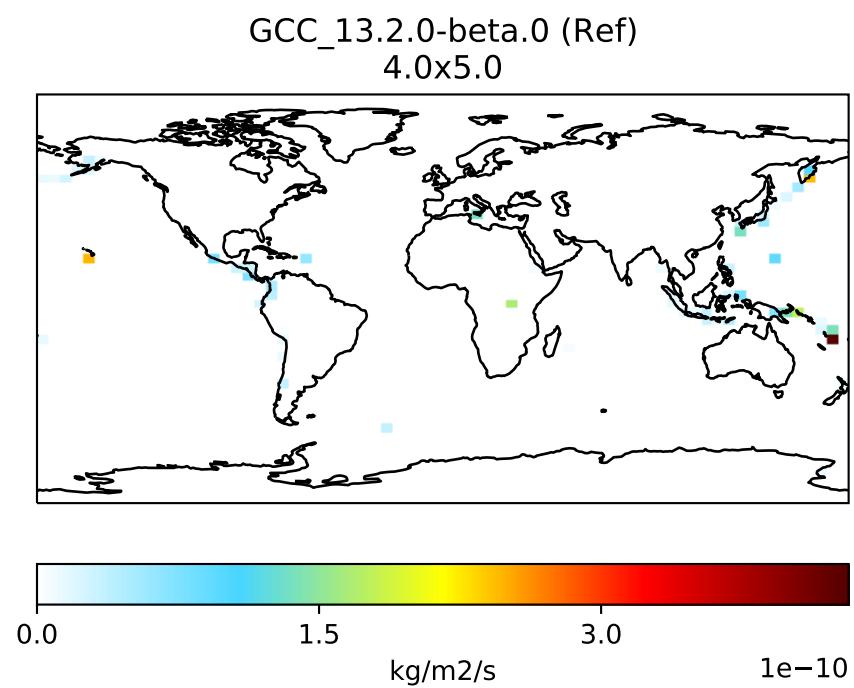
Ratio  
Dev/Ref, Dynamic Range



Ratio  
Dev/Ref, Fixed Range

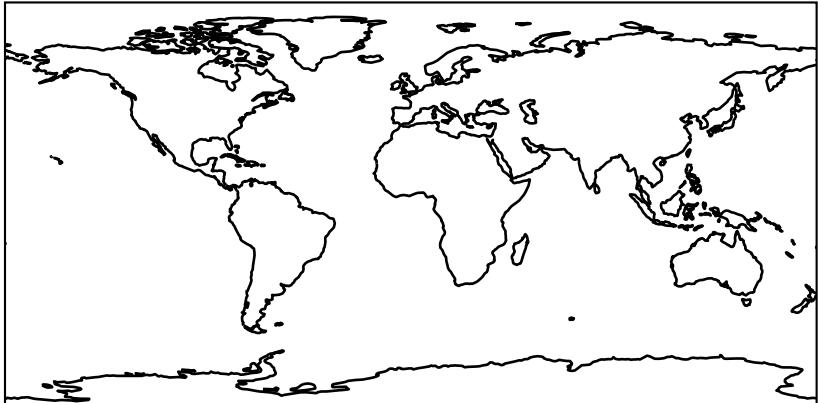


# EmisSO2\_VolcDegas



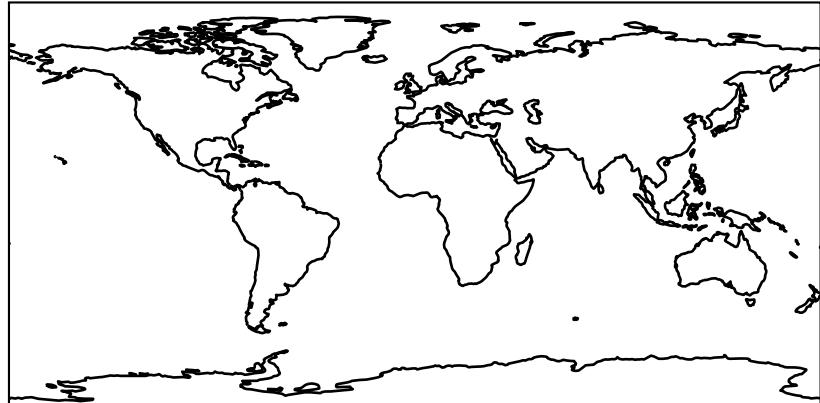
# EmisSO2\_VolcErupt

GCC\_13.2.0-beta.0 (Ref)  
4.0x5.0



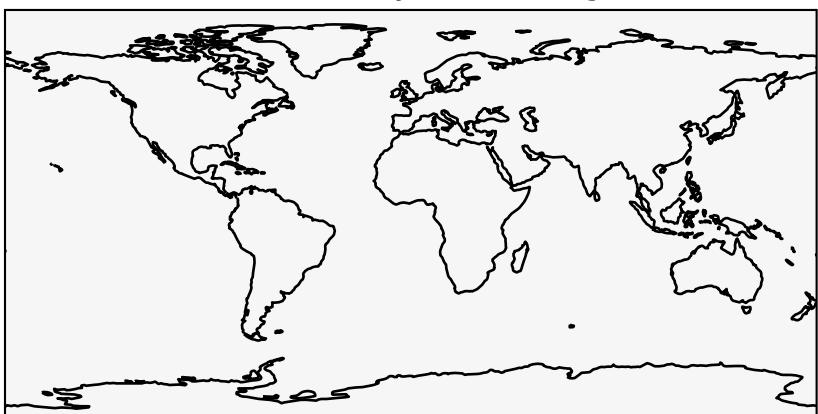
Zero throughout domain  
kg/m<sup>2</sup>/s

GCC\_13.2.0-beta.0-LuoWetdep (Dev)  
4.0x5.0



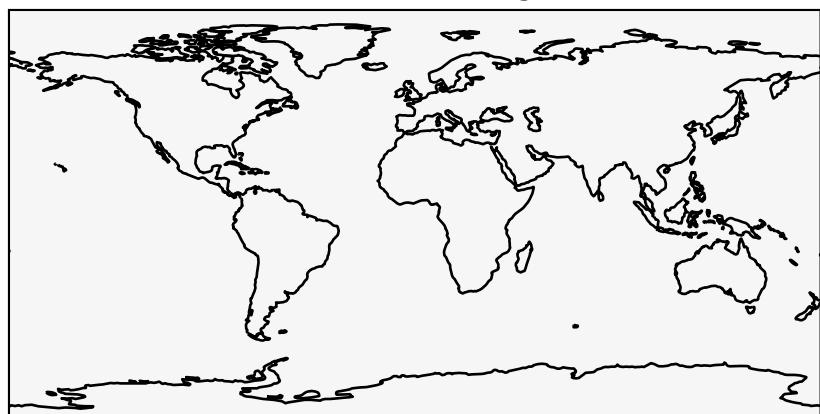
Zero throughout domain  
kg/m<sup>2</sup>/s

Difference  
Dev - Ref, Dynamic Range



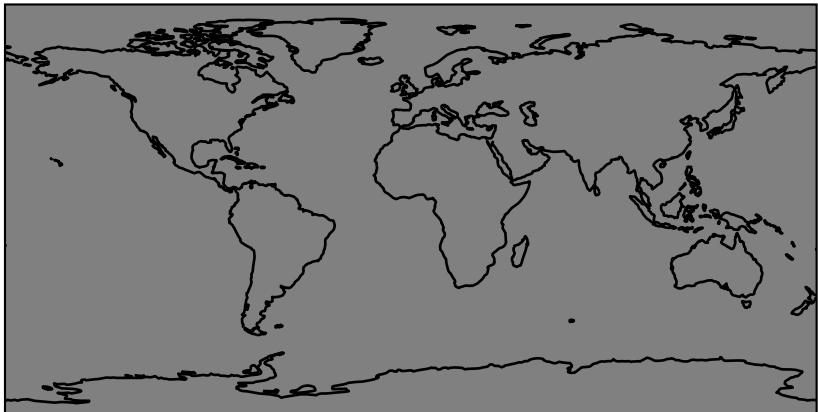
Zero throughout domain  
kg/m<sup>2</sup>/s

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



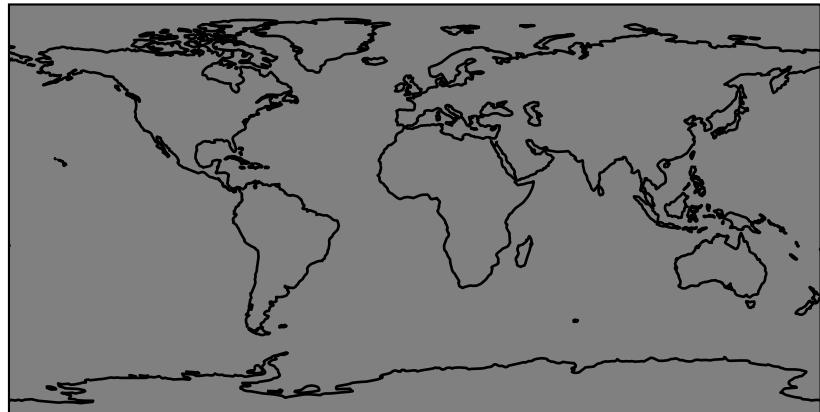
Zero throughout domain  
kg/m<sup>2</sup>/s

Ratio  
Dev/Ref, Dynamic Range



Undefined throughout domain  
unitless

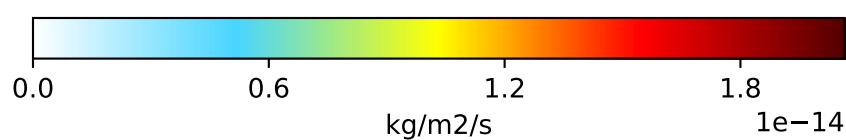
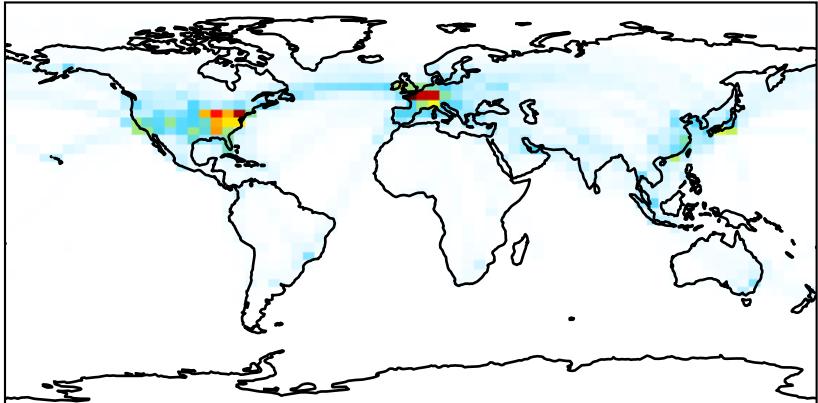
Ratio  
Dev/Ref, Fixed Range



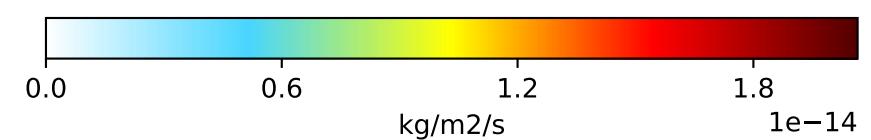
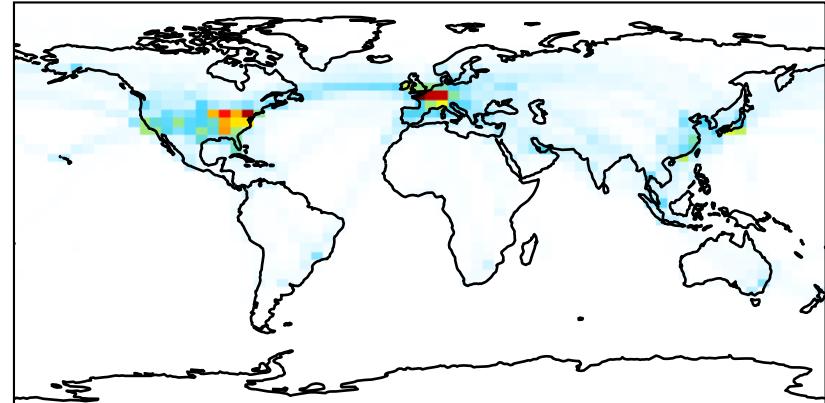
Undefined throughout domain  
unitless

# EmisSO4\_Aircraft

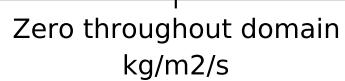
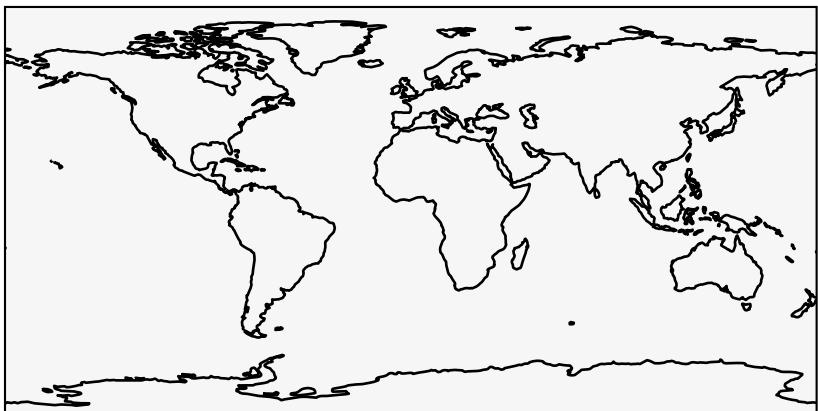
GCC\_13.2.0-beta.0 (Ref)  
4.0x5.0



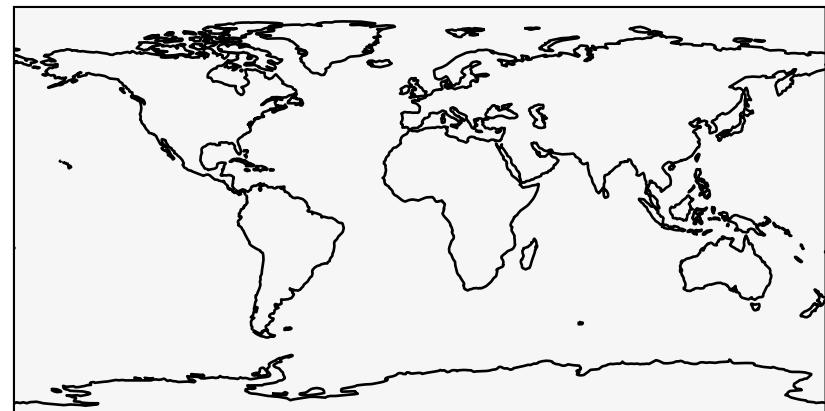
GCC\_13.2.0-beta.0-LuoWetdep (Dev)  
4.0x5.0



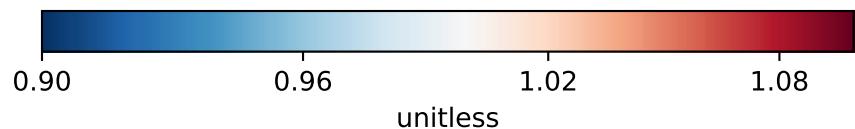
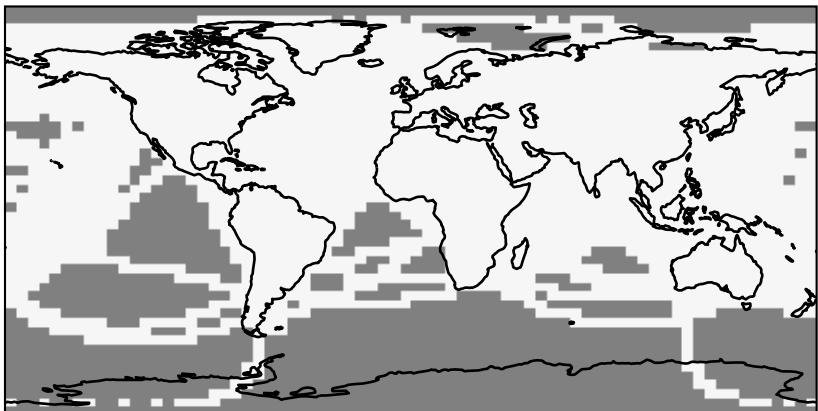
Difference  
Dev - Ref, Dynamic Range



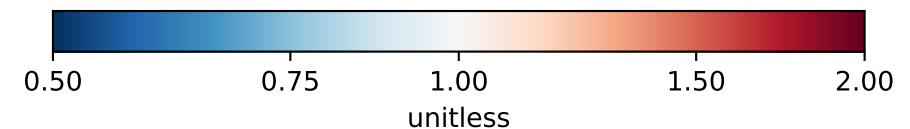
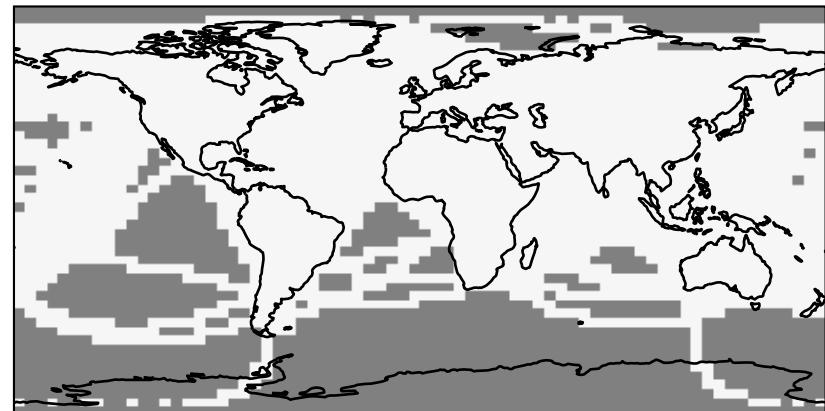
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

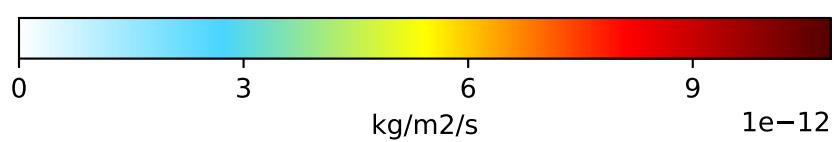
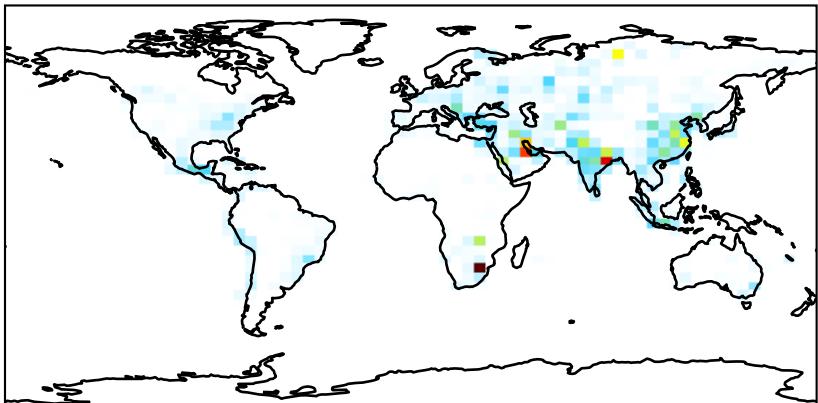


Ratio  
Dev/Ref, Fixed Range

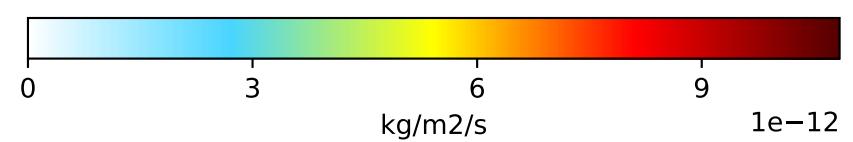
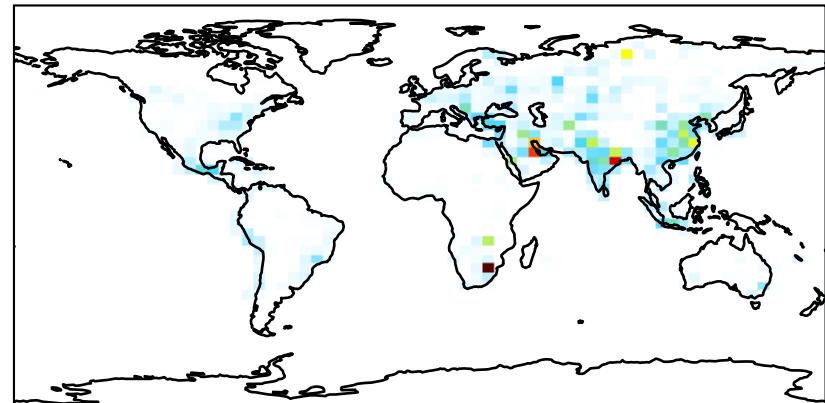


# EmisSO4\_Anthro

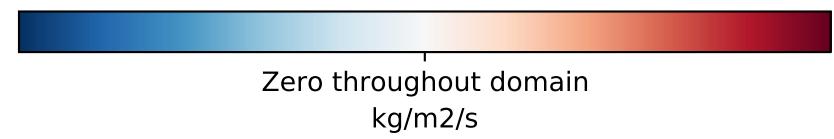
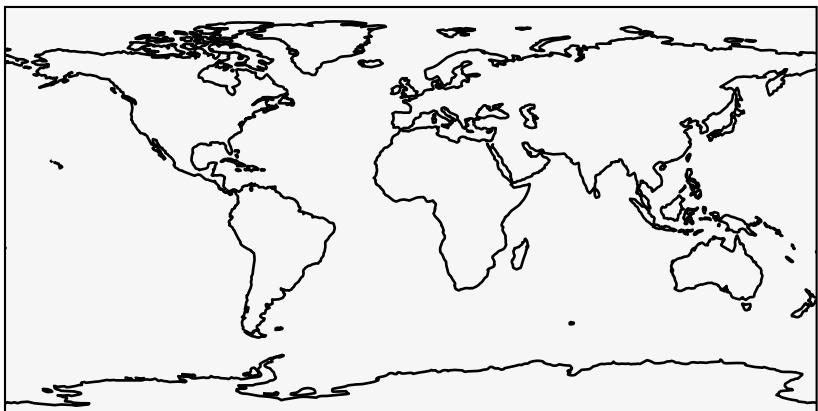
GCC\_13.2.0-beta.0 (Ref)  
4.0x5.0



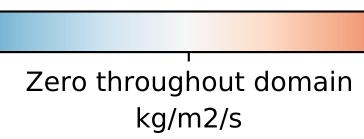
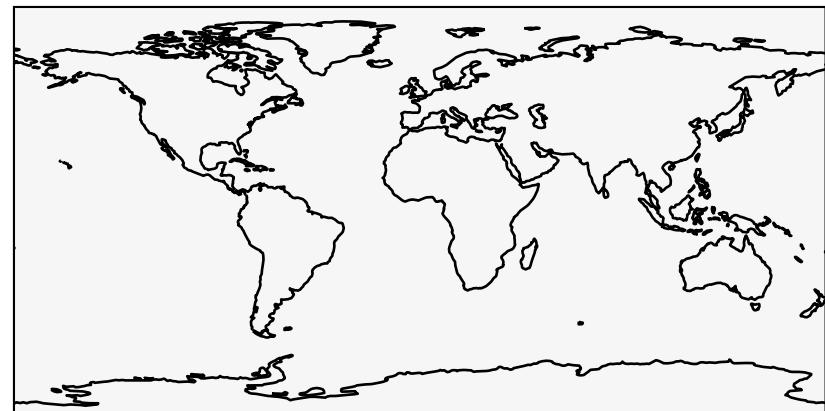
GCC\_13.2.0-beta.0-LuoWetdep (Dev)  
4.0x5.0



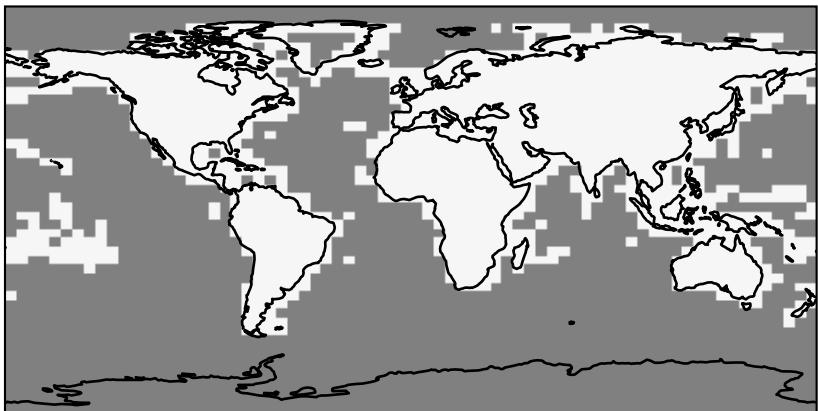
Difference  
Dev - Ref, Dynamic Range



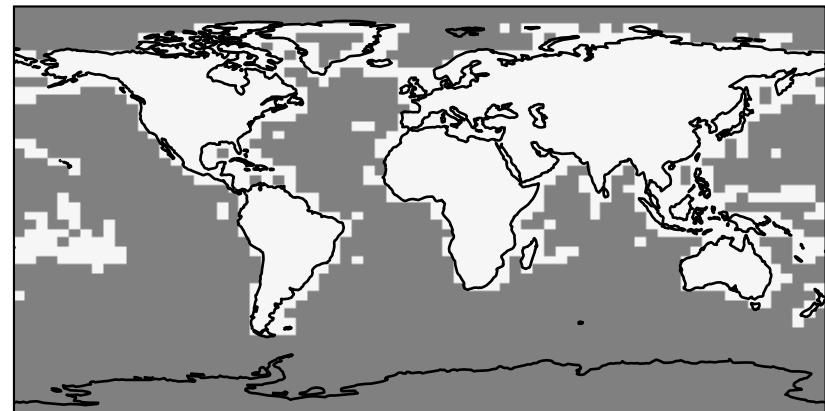
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

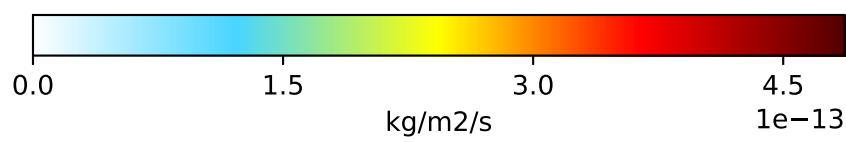
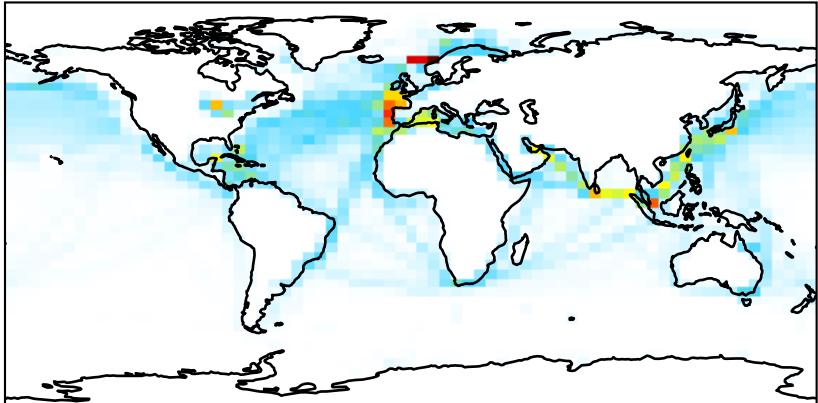


Ratio  
Dev/Ref, Fixed Range

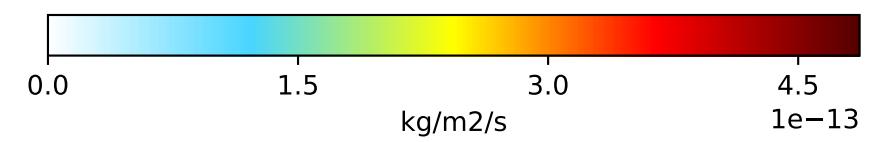
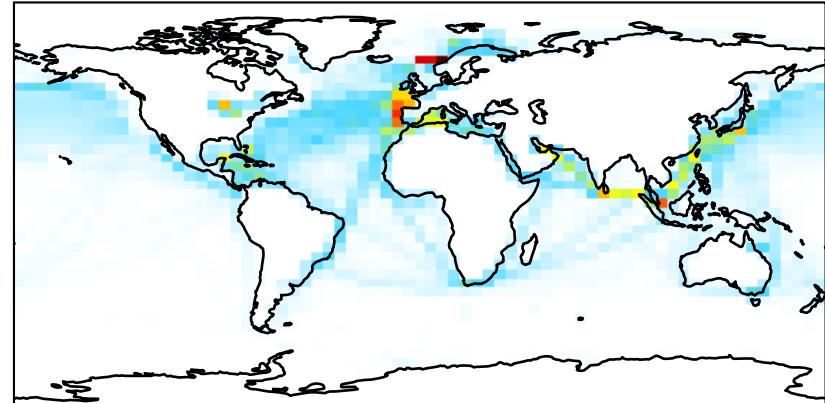


# EmisSO4\_Ship

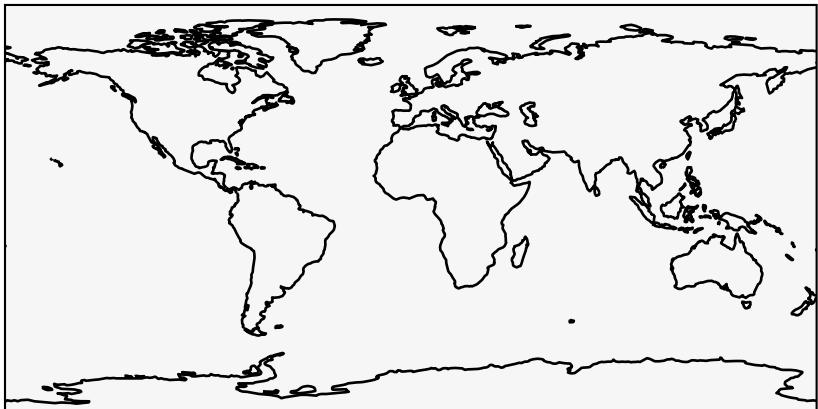
GCC\_13.2.0-beta.0 (Ref)  
4.0x5.0



GCC\_13.2.0-beta.0-LuoWetdep (Dev)  
4.0x5.0

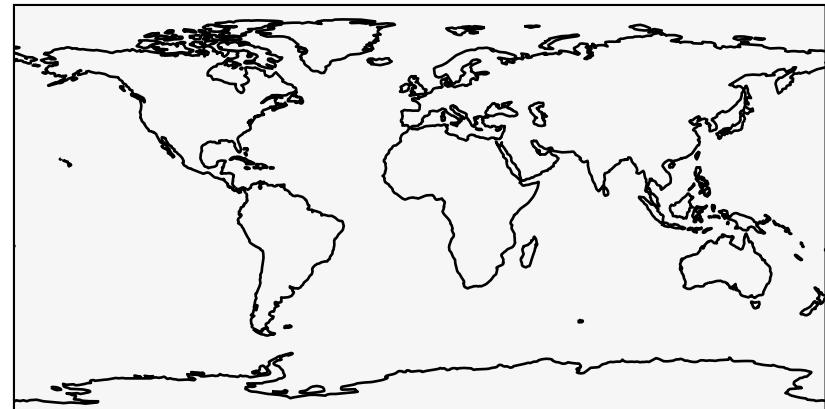


Difference  
Dev - Ref, Dynamic Range



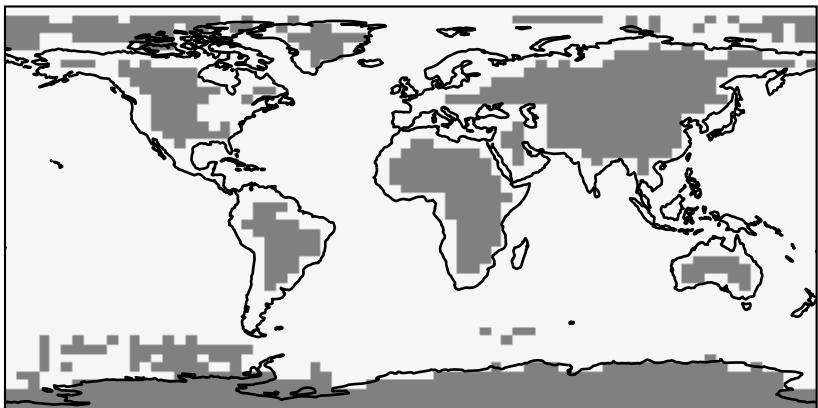
Zero throughout domain  
kg/m<sup>2</sup>/s

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

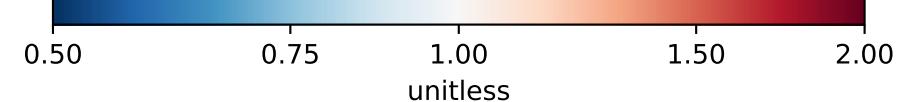
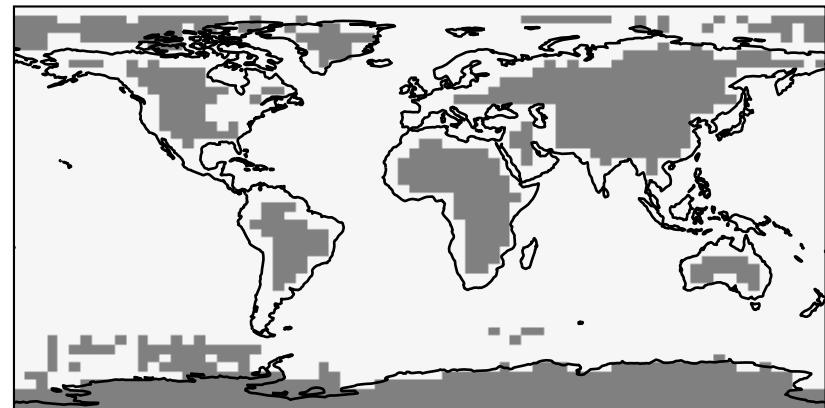


Zero throughout domain  
kg/m<sup>2</sup>/s

Ratio  
Dev/Ref, Dynamic Range

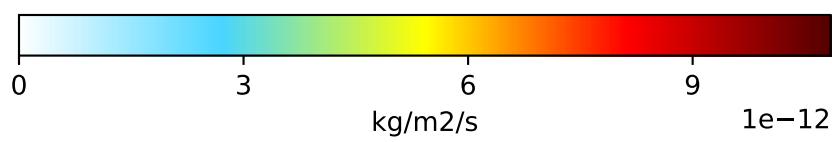
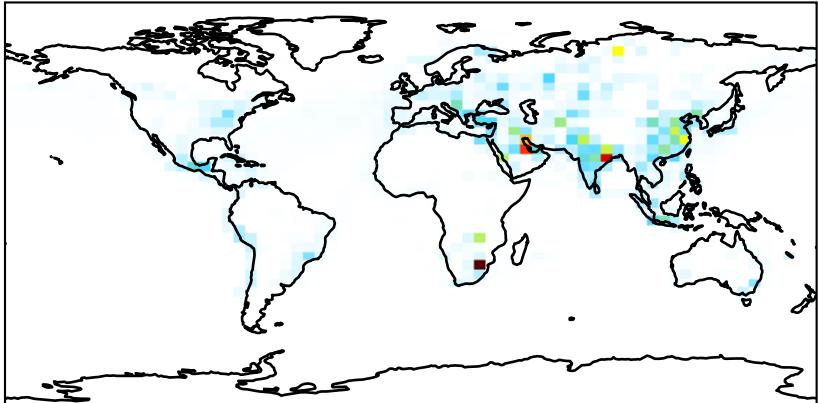


Ratio  
Dev/Ref, Fixed Range

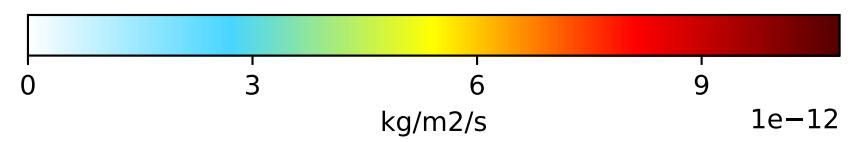
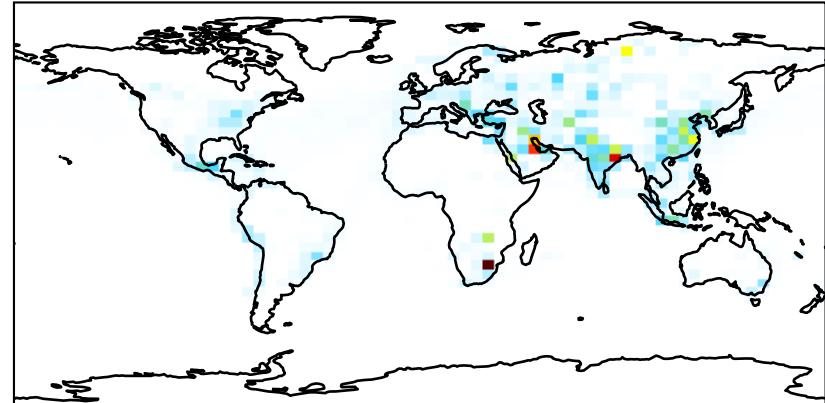


# EmisSO4\_Total

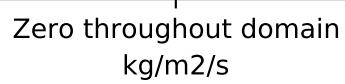
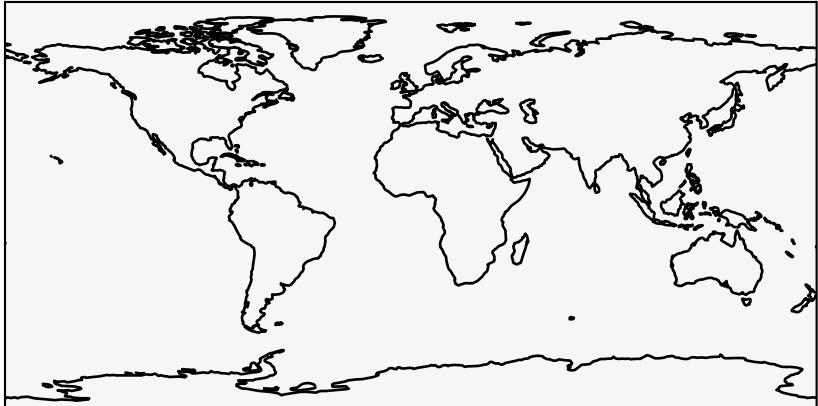
GCC\_13.2.0-beta.0 (Ref)  
4.0x5.0



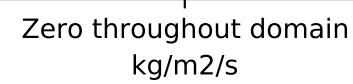
GCC\_13.2.0-beta.0-LuoWetdep (Dev)  
4.0x5.0



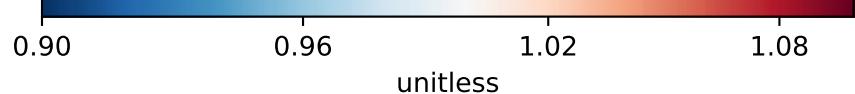
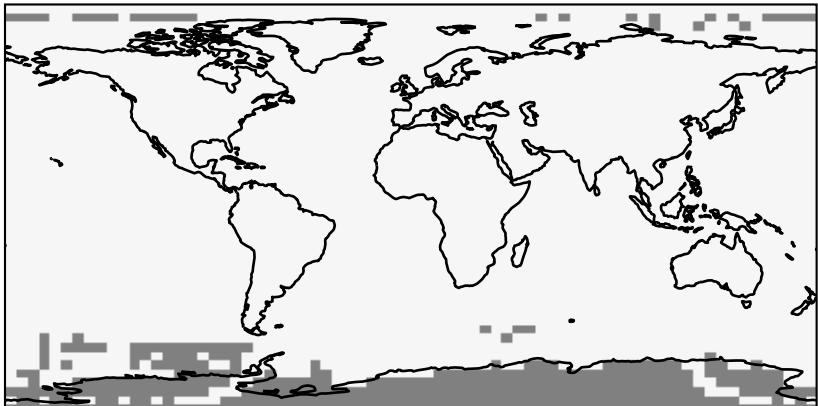
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range



Ratio  
Dev/Ref, Fixed Range

