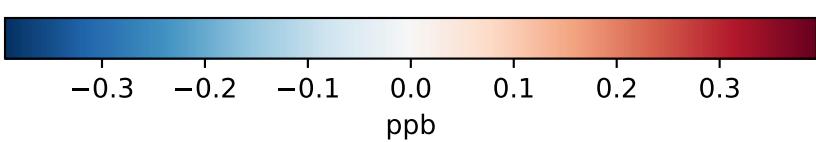
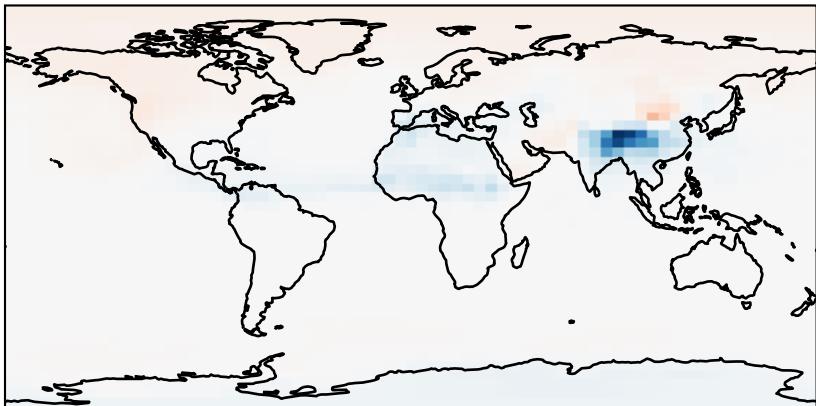
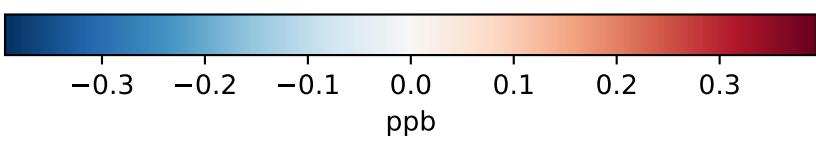
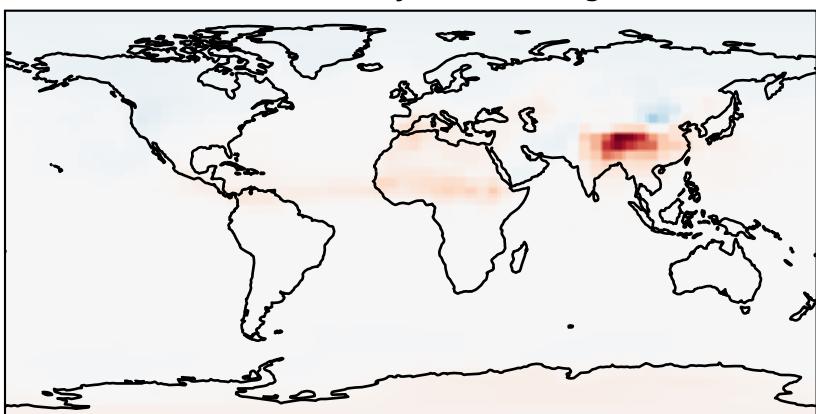


# SpeciesConc\_DST1

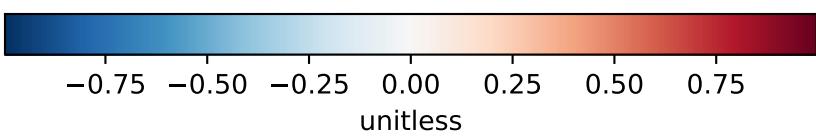
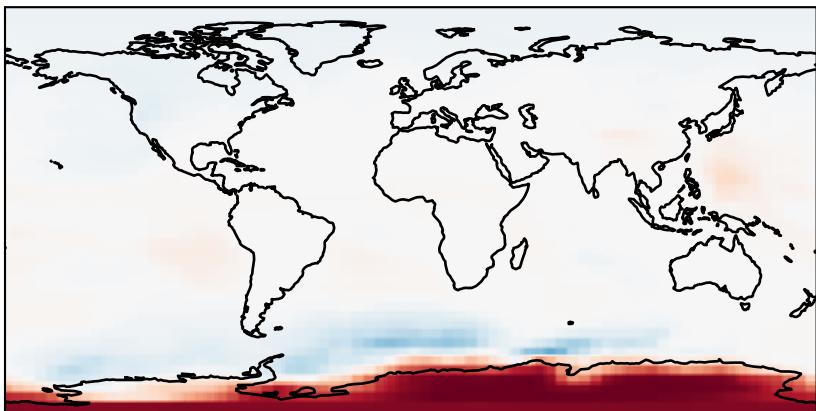
# GCC\_13.2.0-beta.0-LuoWetdep - 4.0x5.0



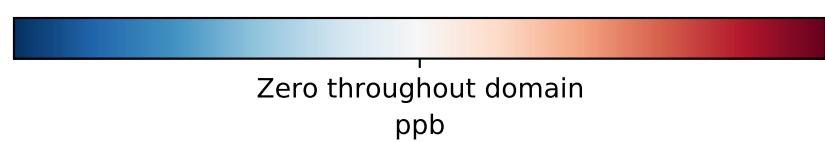
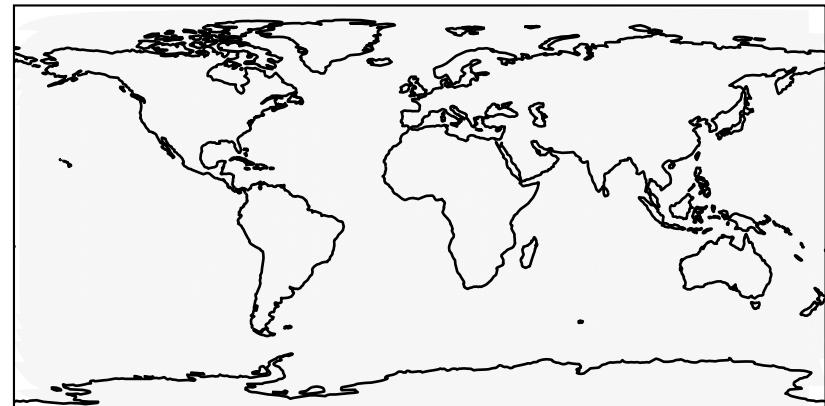
## Difference (1x1.25) Dev - Ref, Dynamic Range



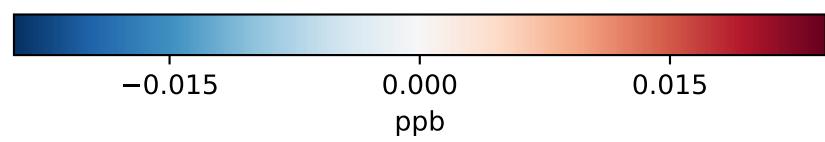
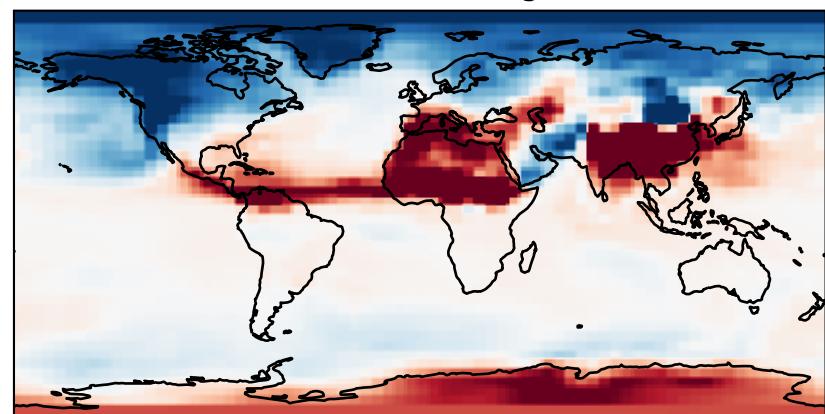
## Difference (1x1.25), Dynamic Range GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref



GCHP\_13.2.0-beta.0-LuoWetdep - GCHP\_13.2.0-beta.0 (Dev)  
c48

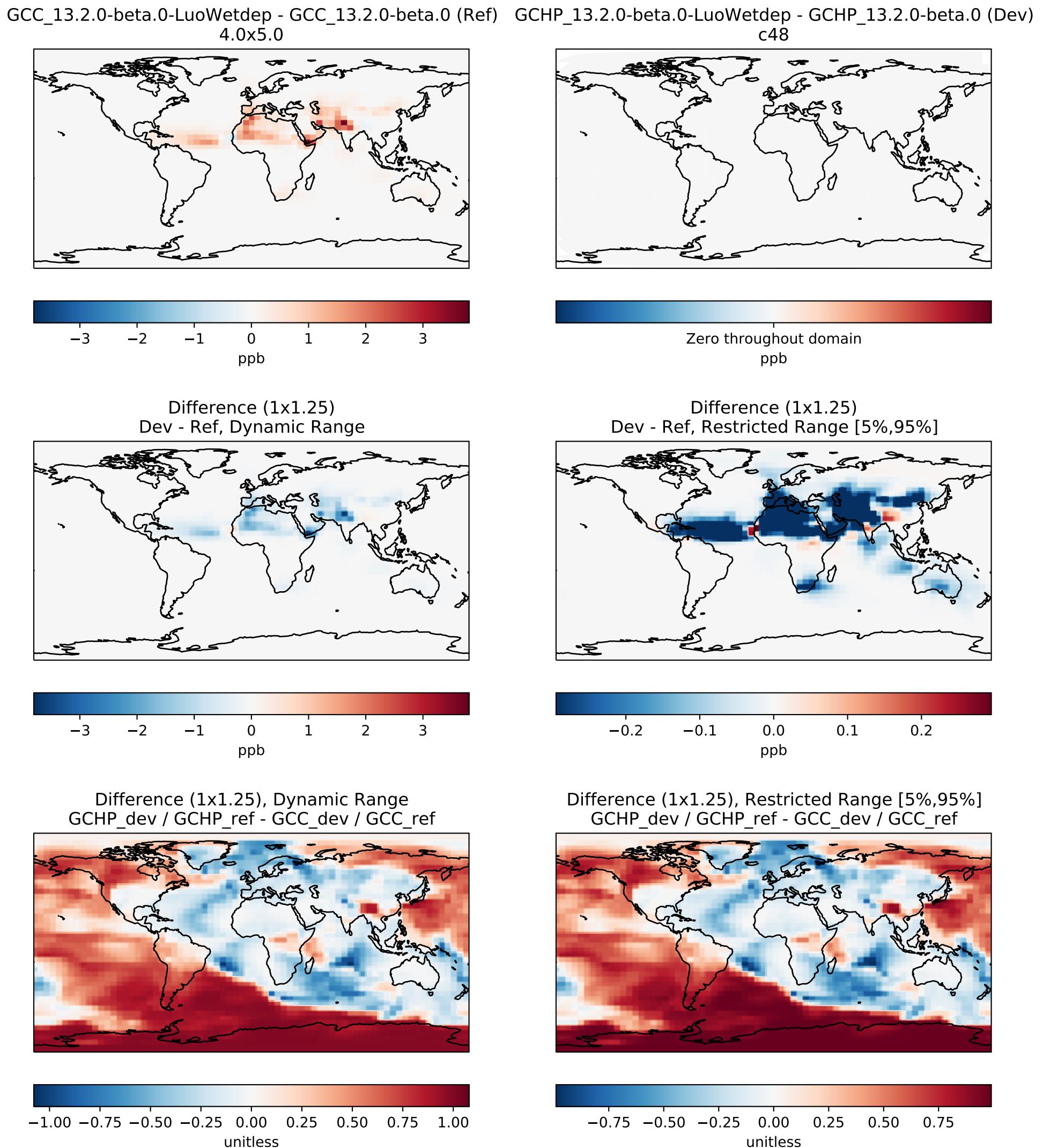


## Difference (1x1.25) Dev - Ref, Restricted Range [5%,95%]



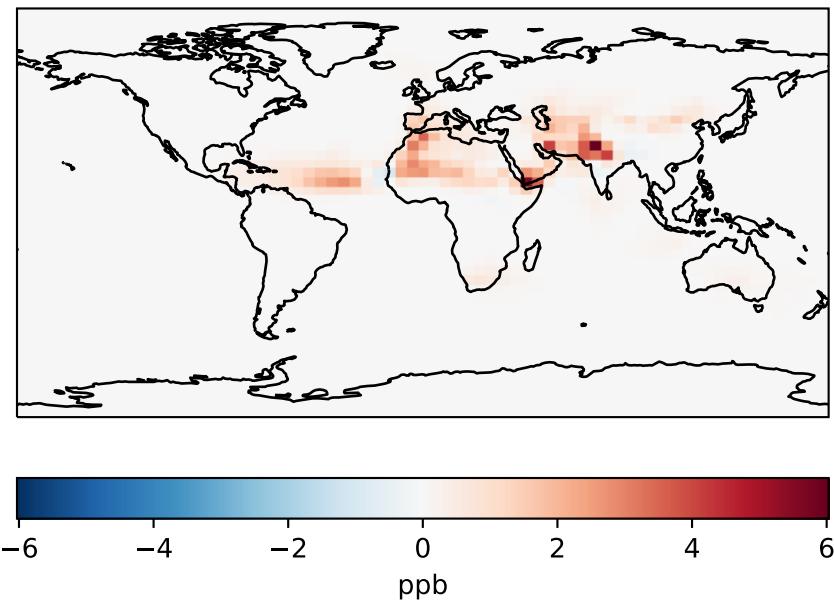
Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

# SpeciesConc\_DST2

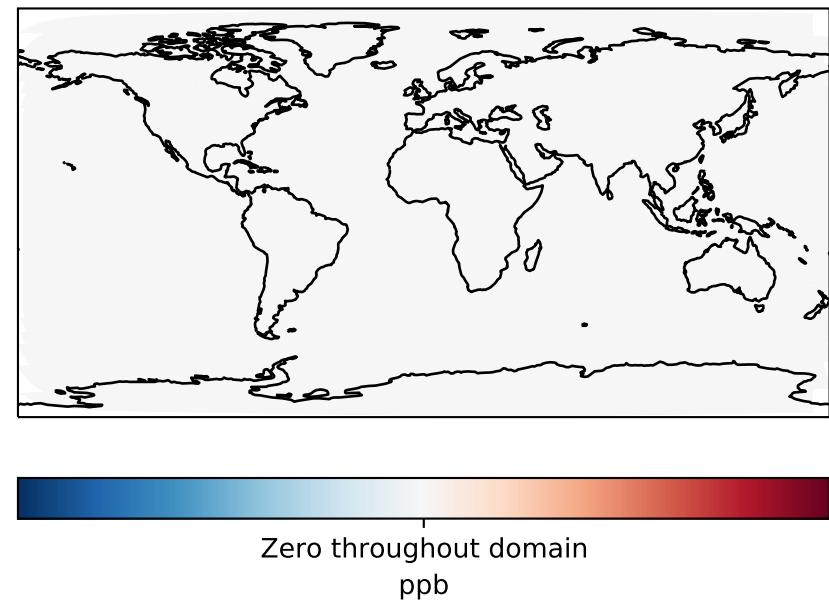


# SpeciesConc\_DST3

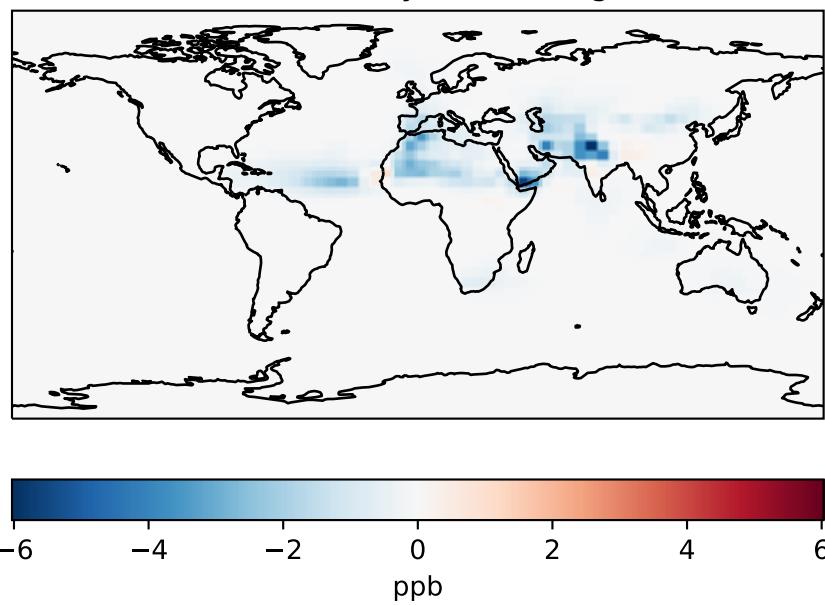
# GCC\_13.2.0-beta.0-LuoWetdep - 4.0x5.0



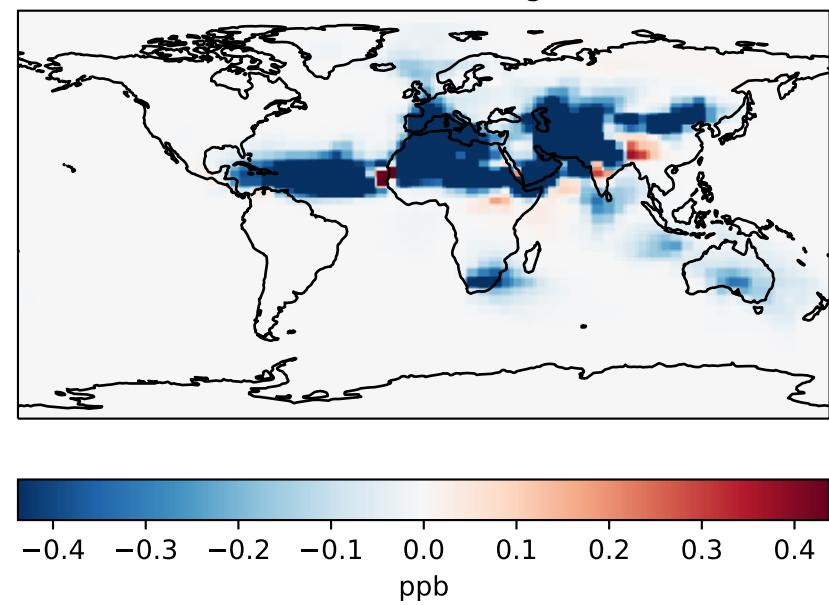
GCHP\_13.2.0-beta.0-LuoWetdep - GCHP\_13.2.0-beta.0 (Dev)  
c48



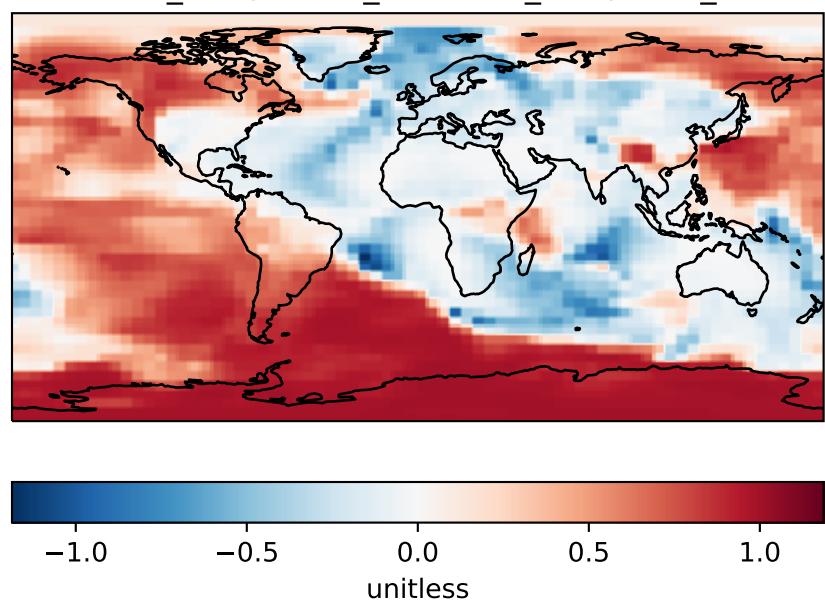
## Difference (1x1.25) Dev - Ref, Dynamic Range



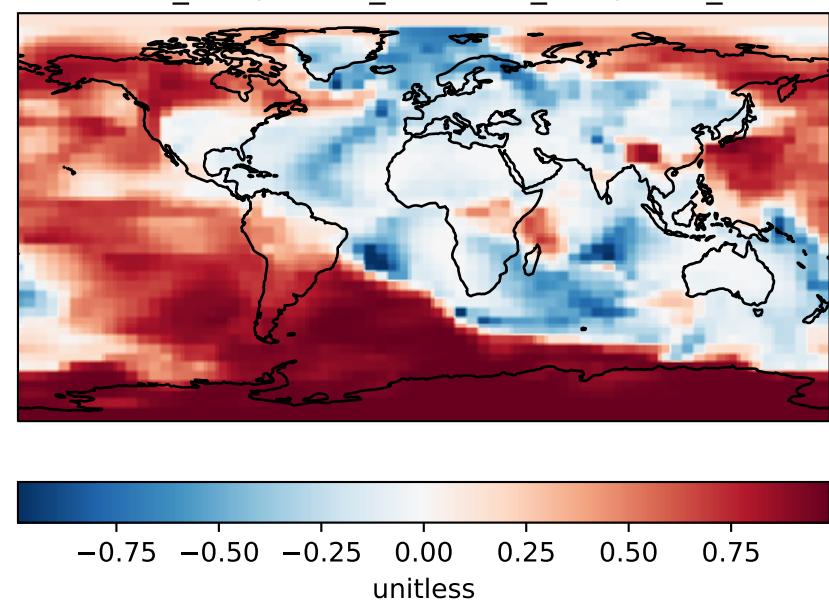
## Difference (1x1.25) Dev - Ref, Restricted Range [5%,95%]



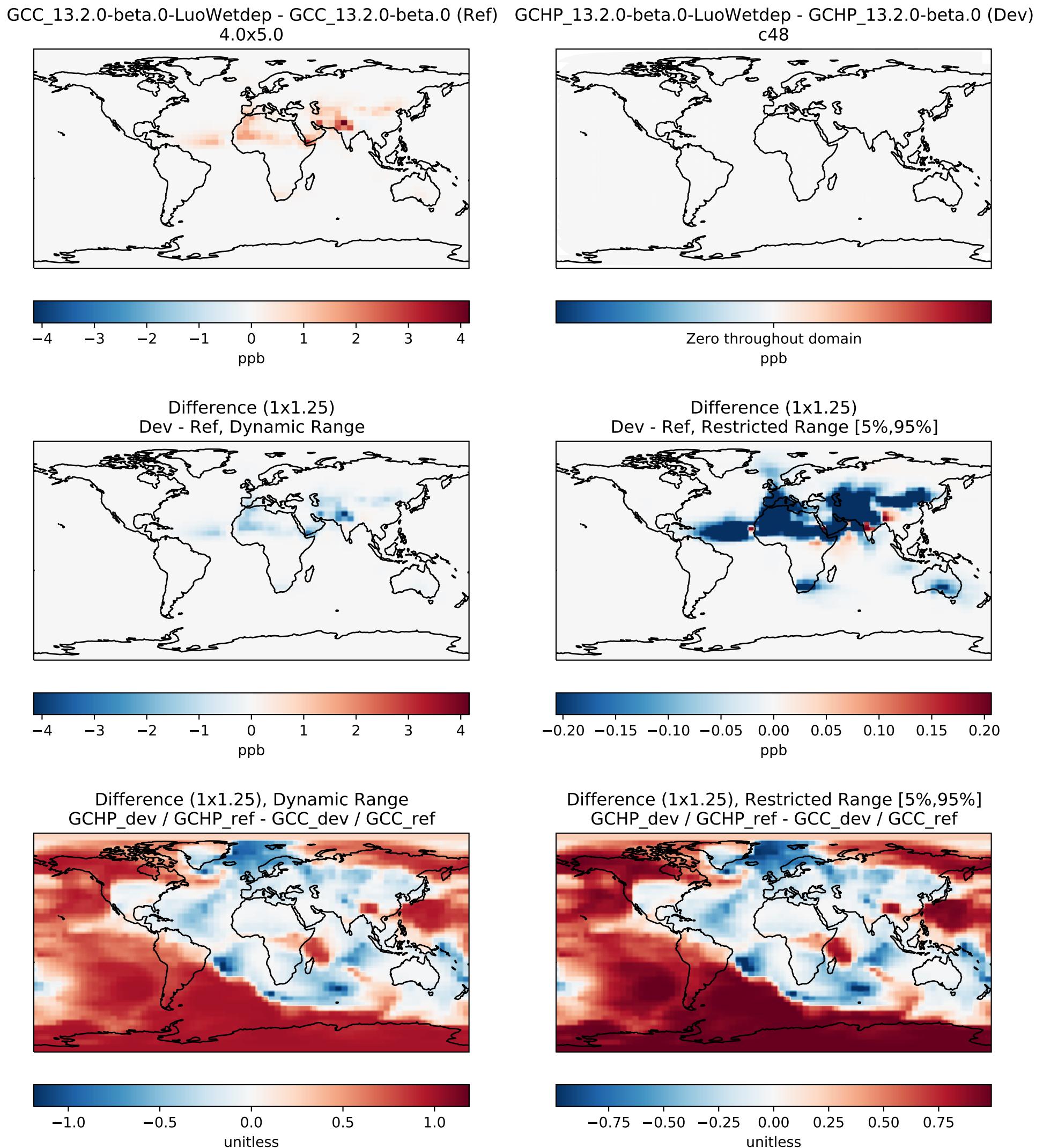
Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref



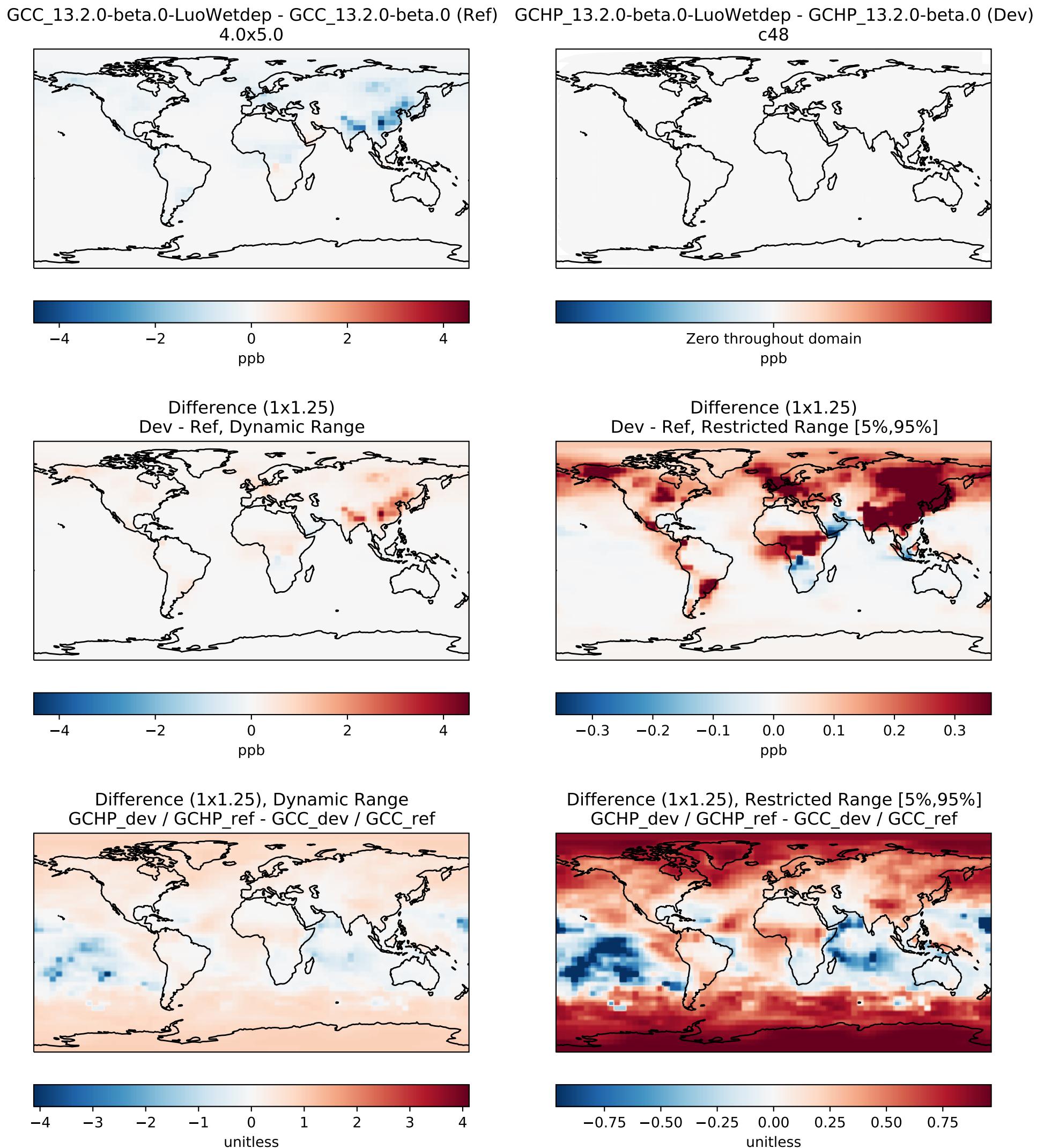
Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref



# SpeciesConc\_DST4

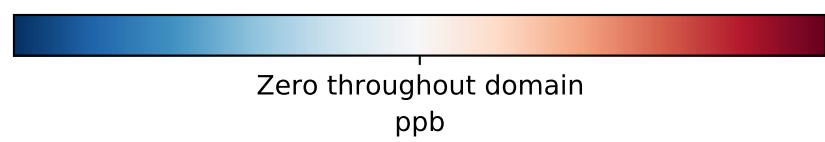
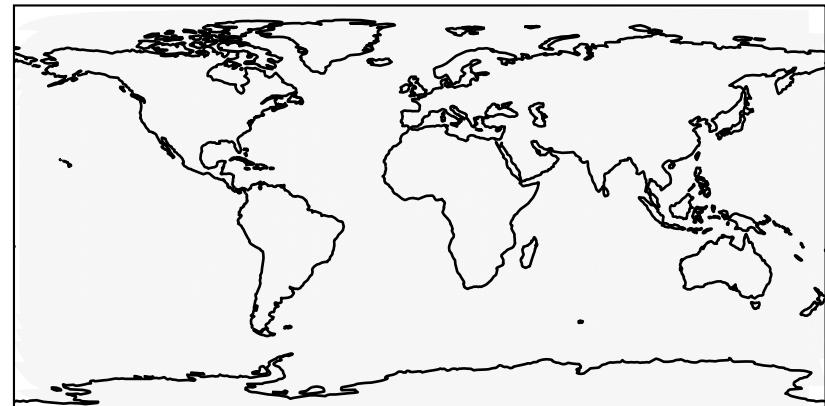
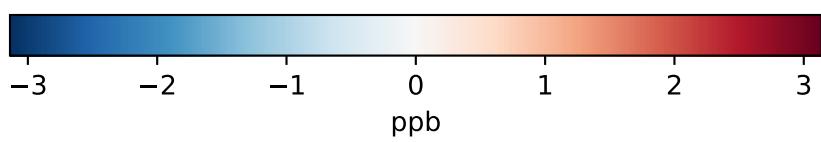
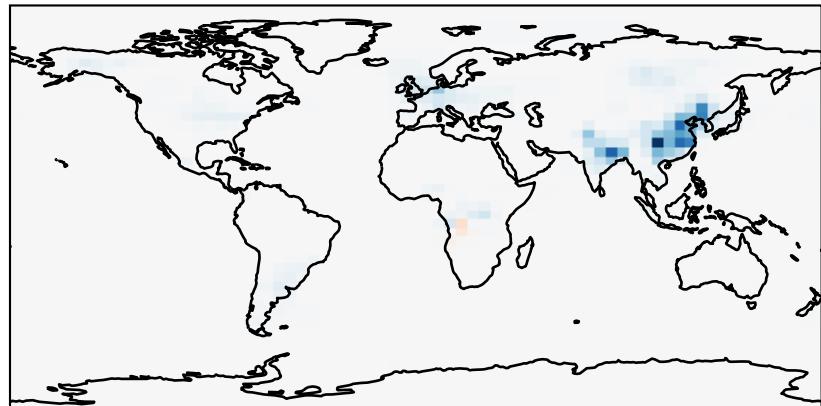


# SpeciesConc\_NH4

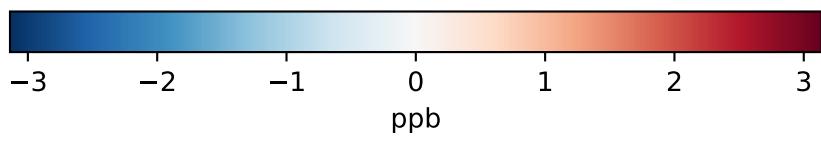
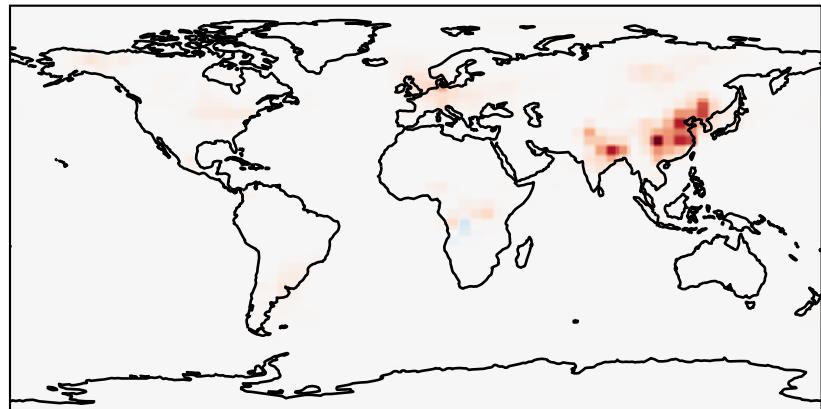


# SpeciesConc\_NIT

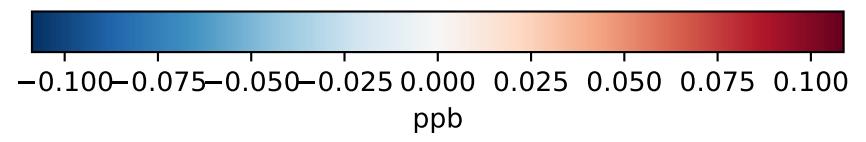
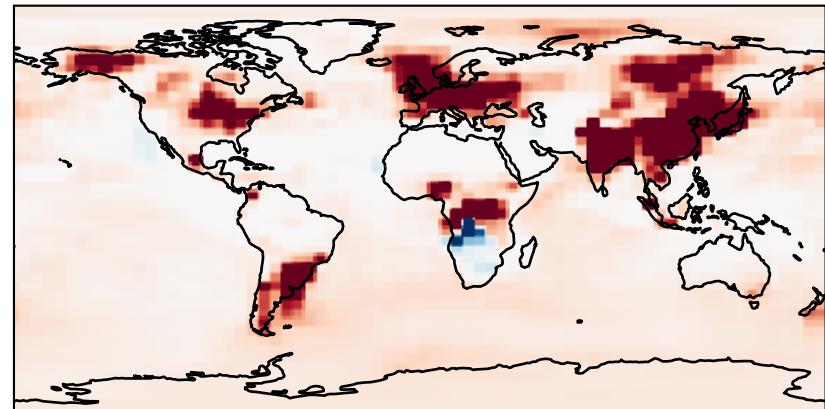
GCC\_13.2.0-beta.0-LuoWetdep - GCC\_13.2.0-beta.0 (Ref) 4.0x5.0    GCHP\_13.2.0-beta.0-LuoWetdep - GCHP\_13.2.0-beta.0 (Dev) c48



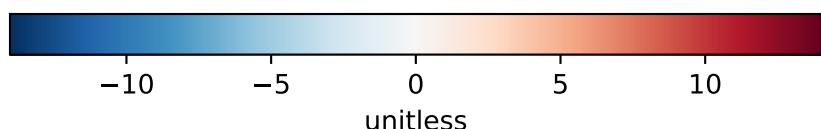
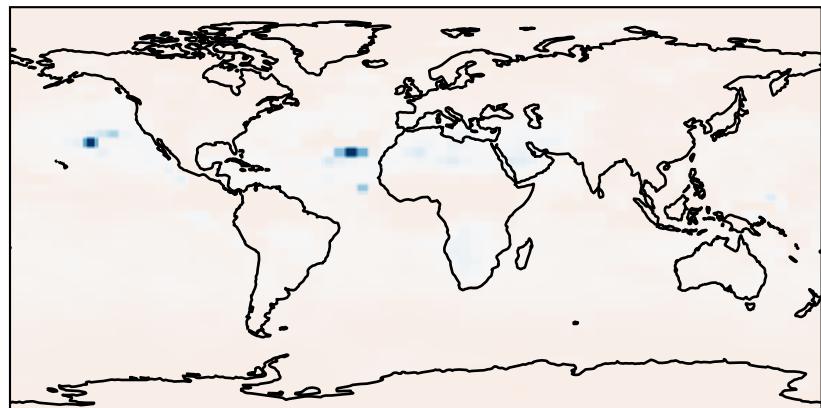
Difference (1x1.25)  
Dev - Ref, Dynamic Range



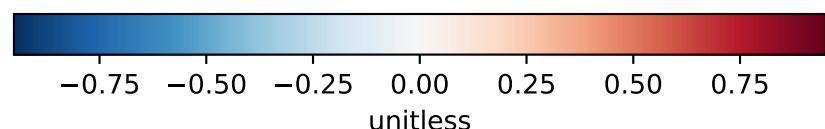
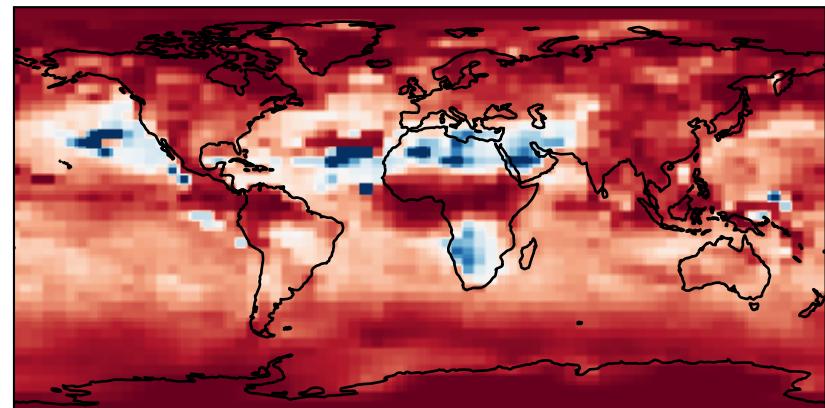
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

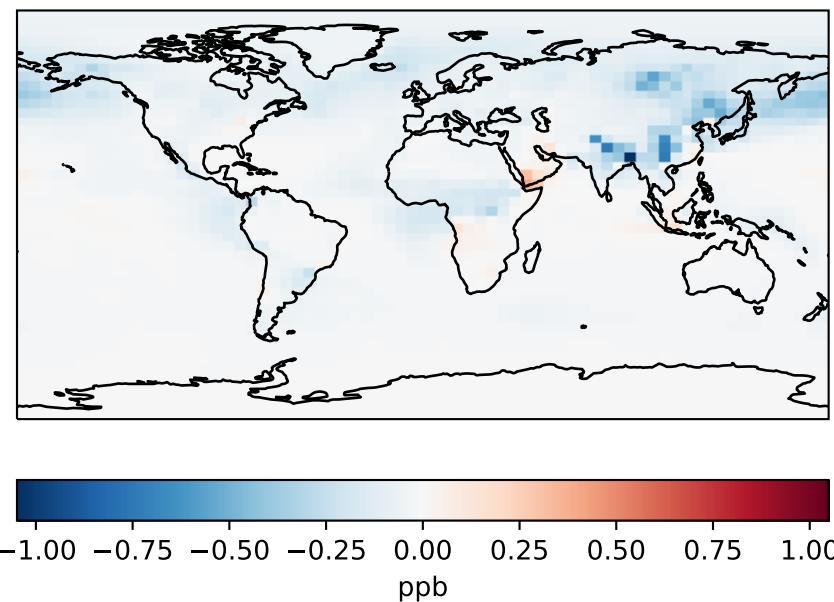


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

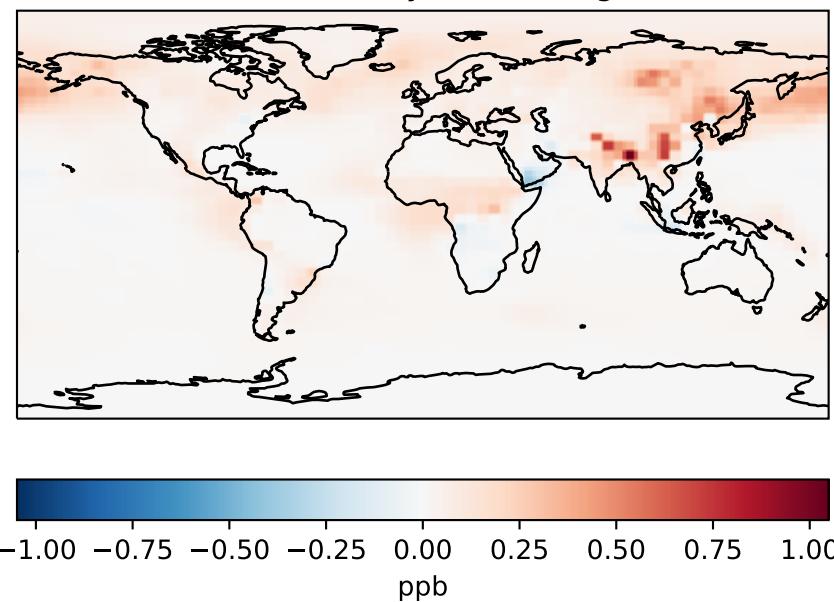


# SpeciesConc\_SO4

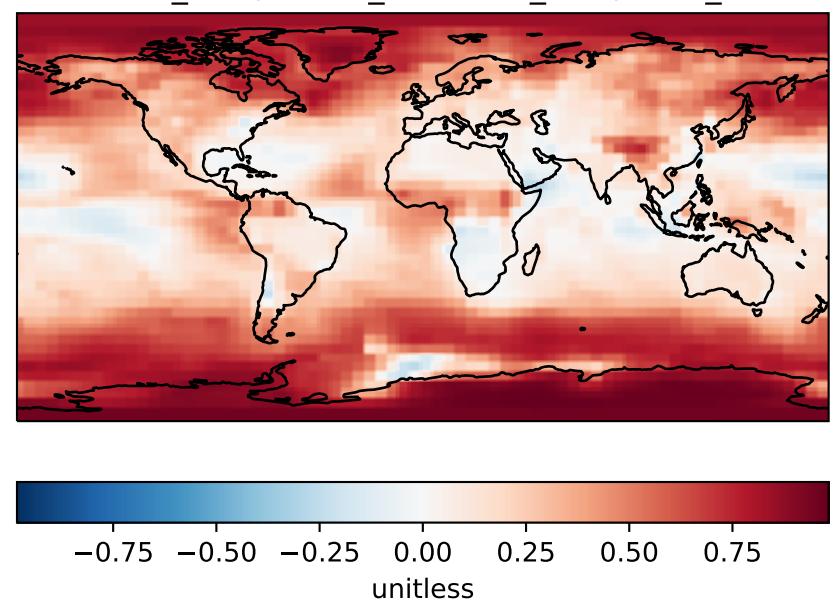
# GCC\_13.2.0-beta.0-LuoWetdep - 4.0x5.0



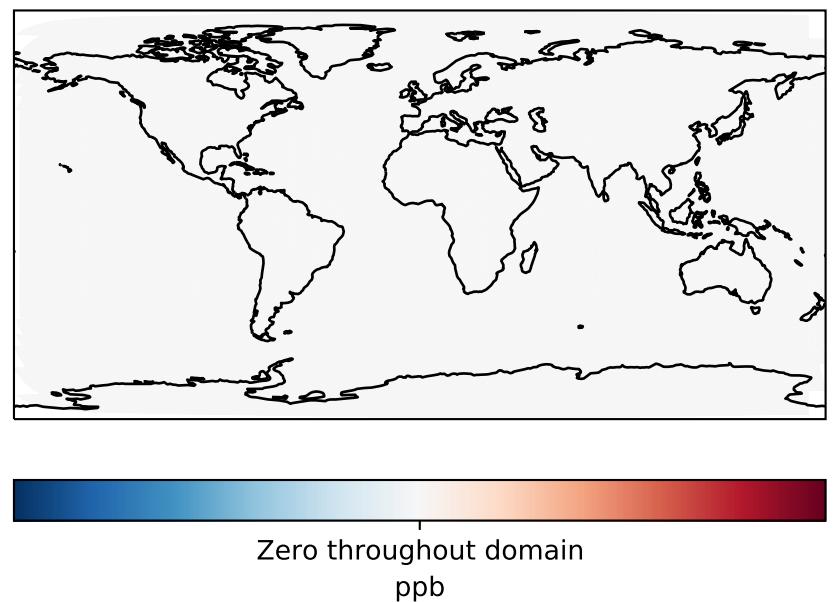
Difference (1x1.25)  
Dev - Ref, Dynamic Range



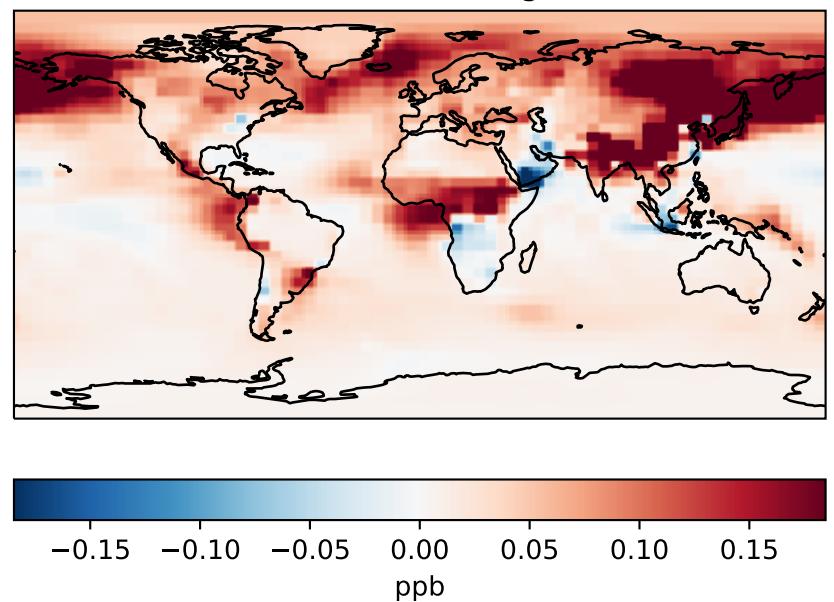
## Difference (1x1.25), Dynamic Range GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref



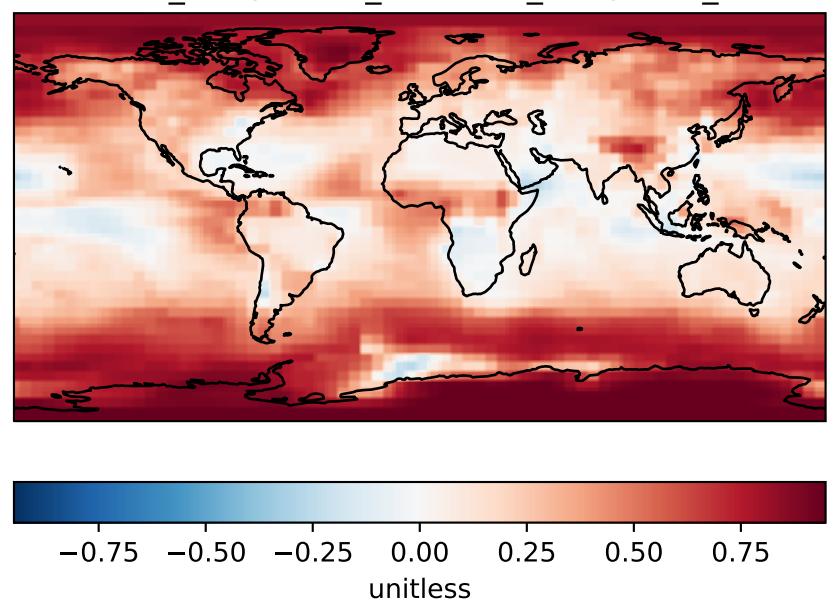
2.0-beta.0-LuoWetdep - GCHP\_13.2.0-beta.0 (Dev)  
c48



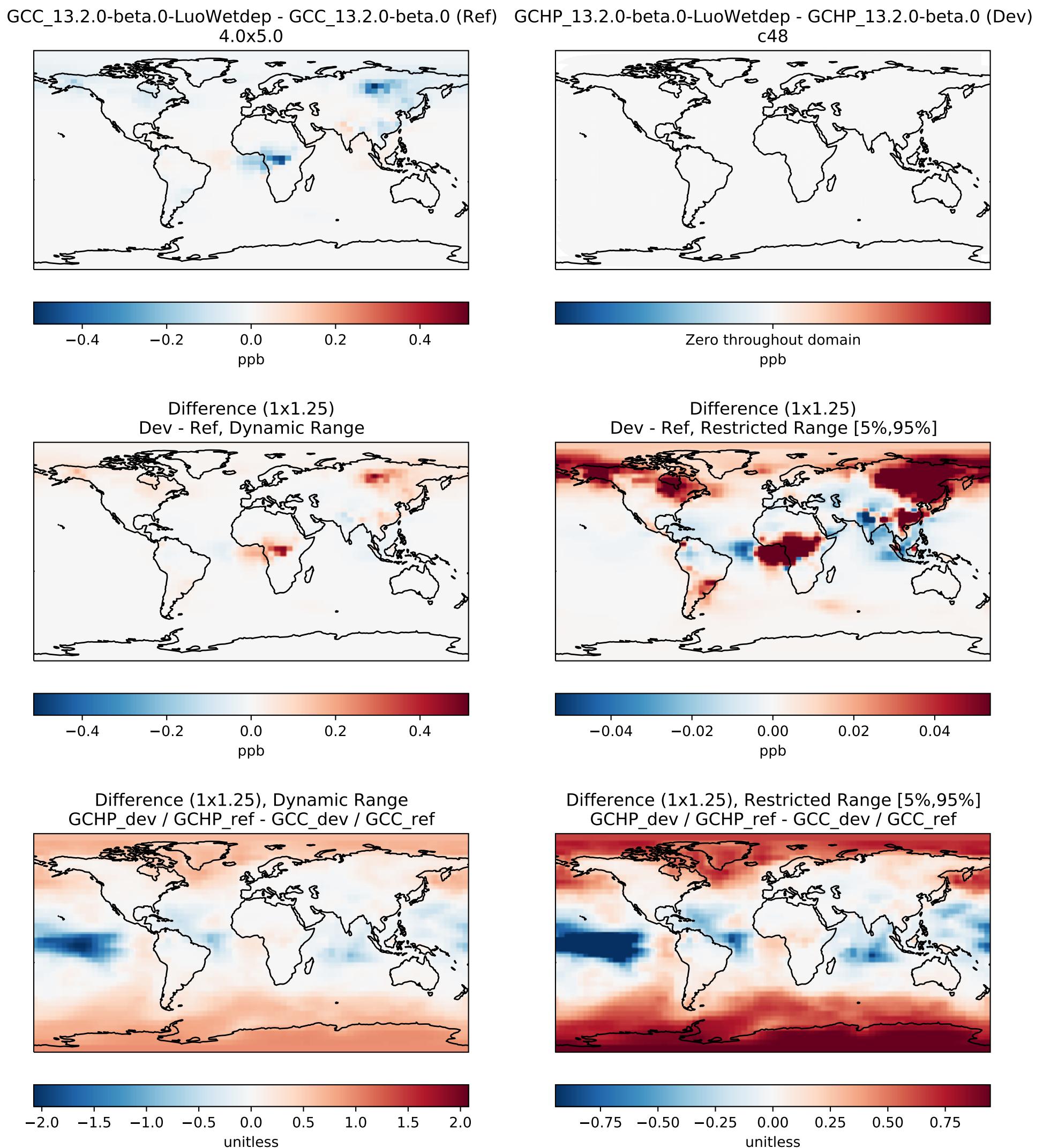
## Difference (1x1.25) Dev - Ref, Restricted Range [5%,95%]



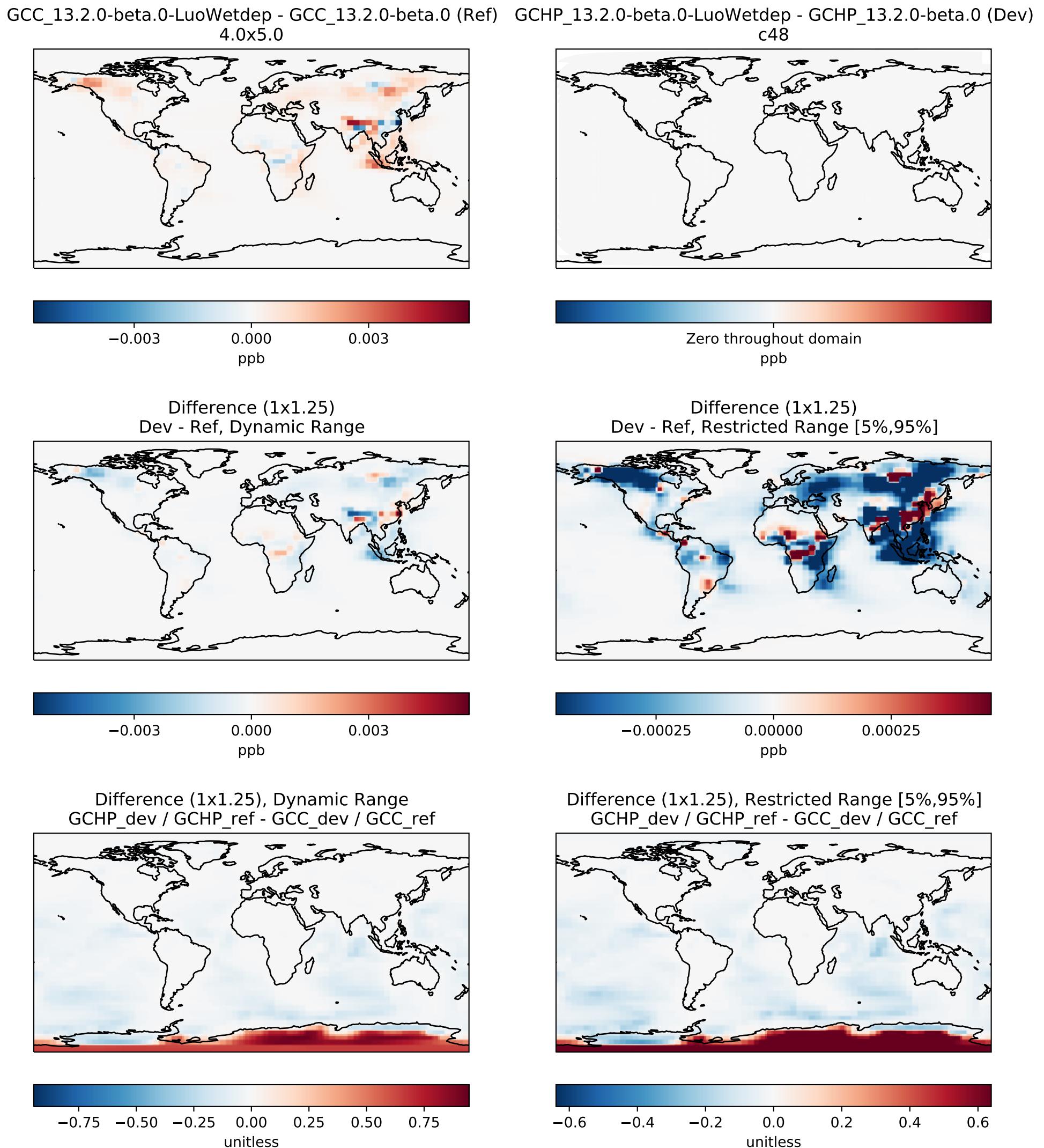
Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref



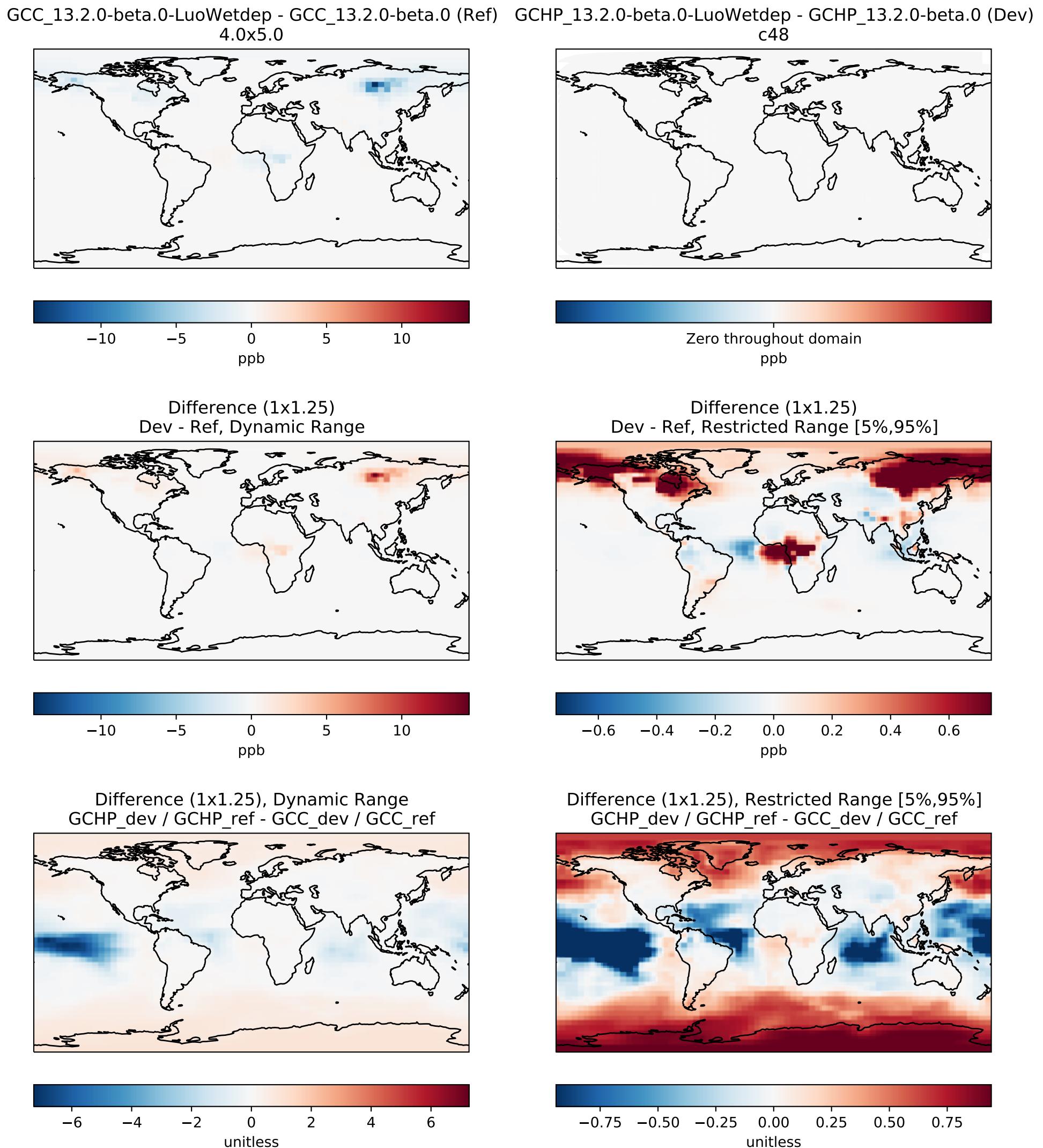
# SpeciesConc\_BCPI



## SpeciesConc\_BCP0

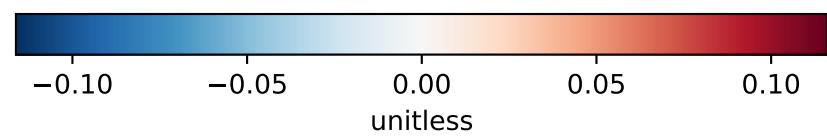
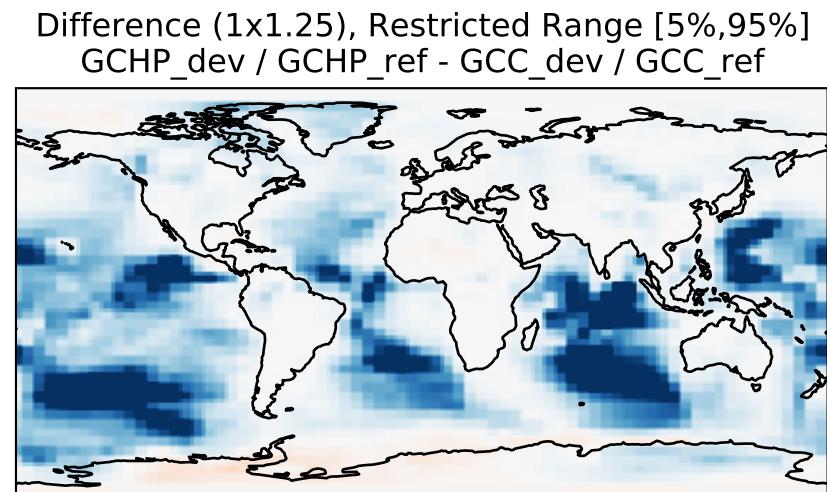
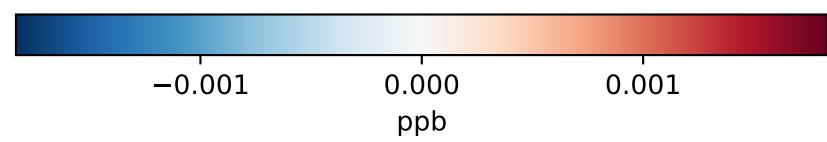
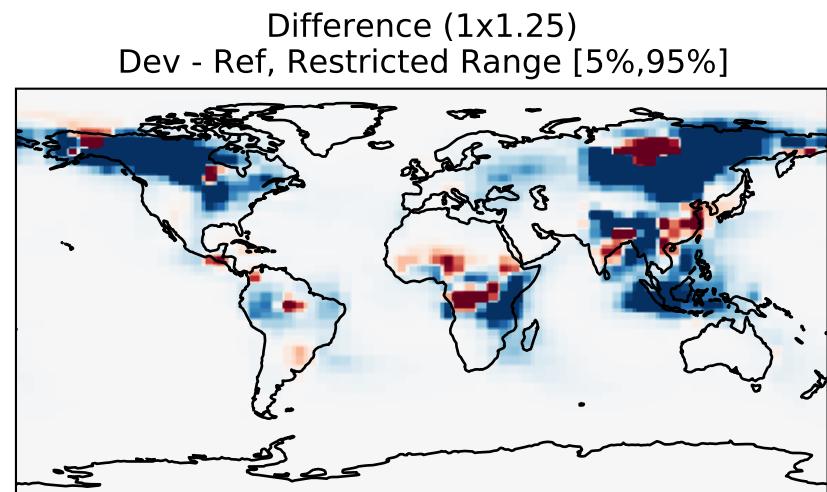
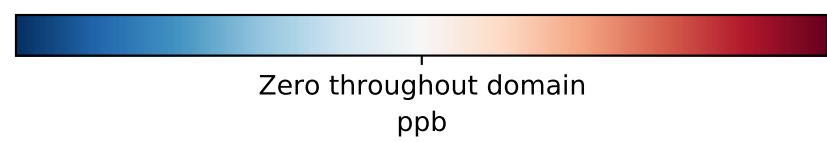
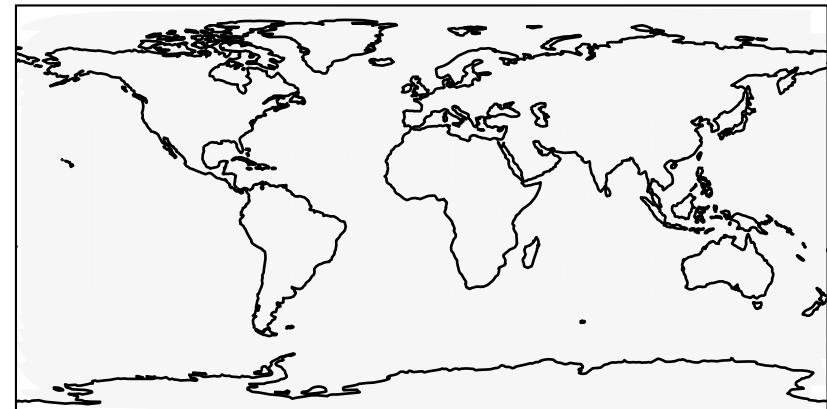
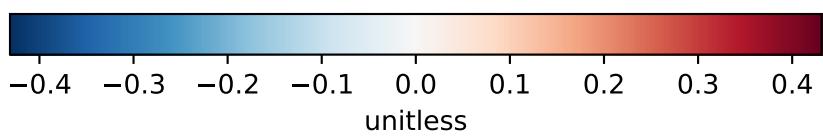
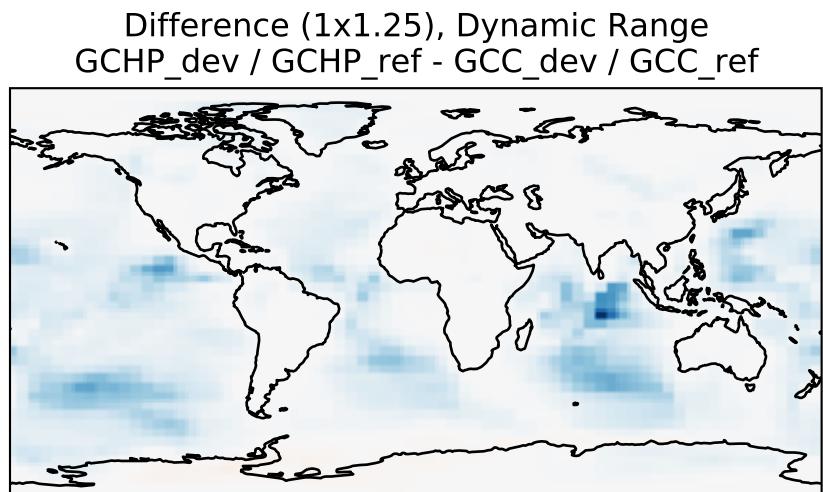
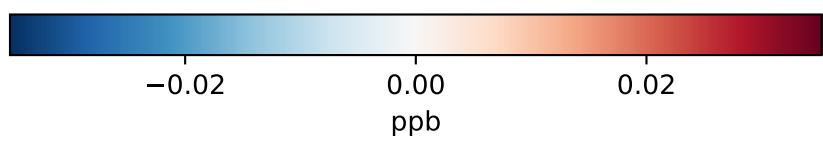
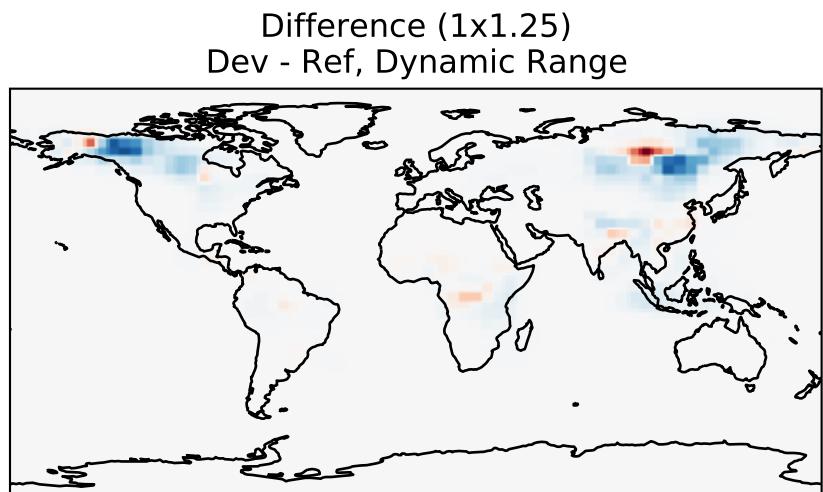
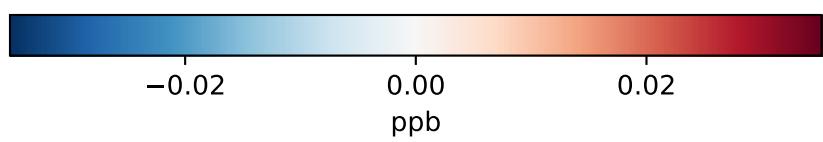
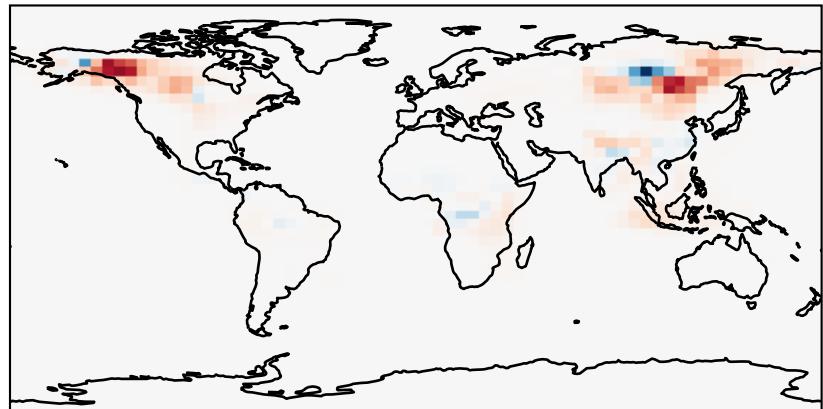


# SpeciesConc\_OCPI

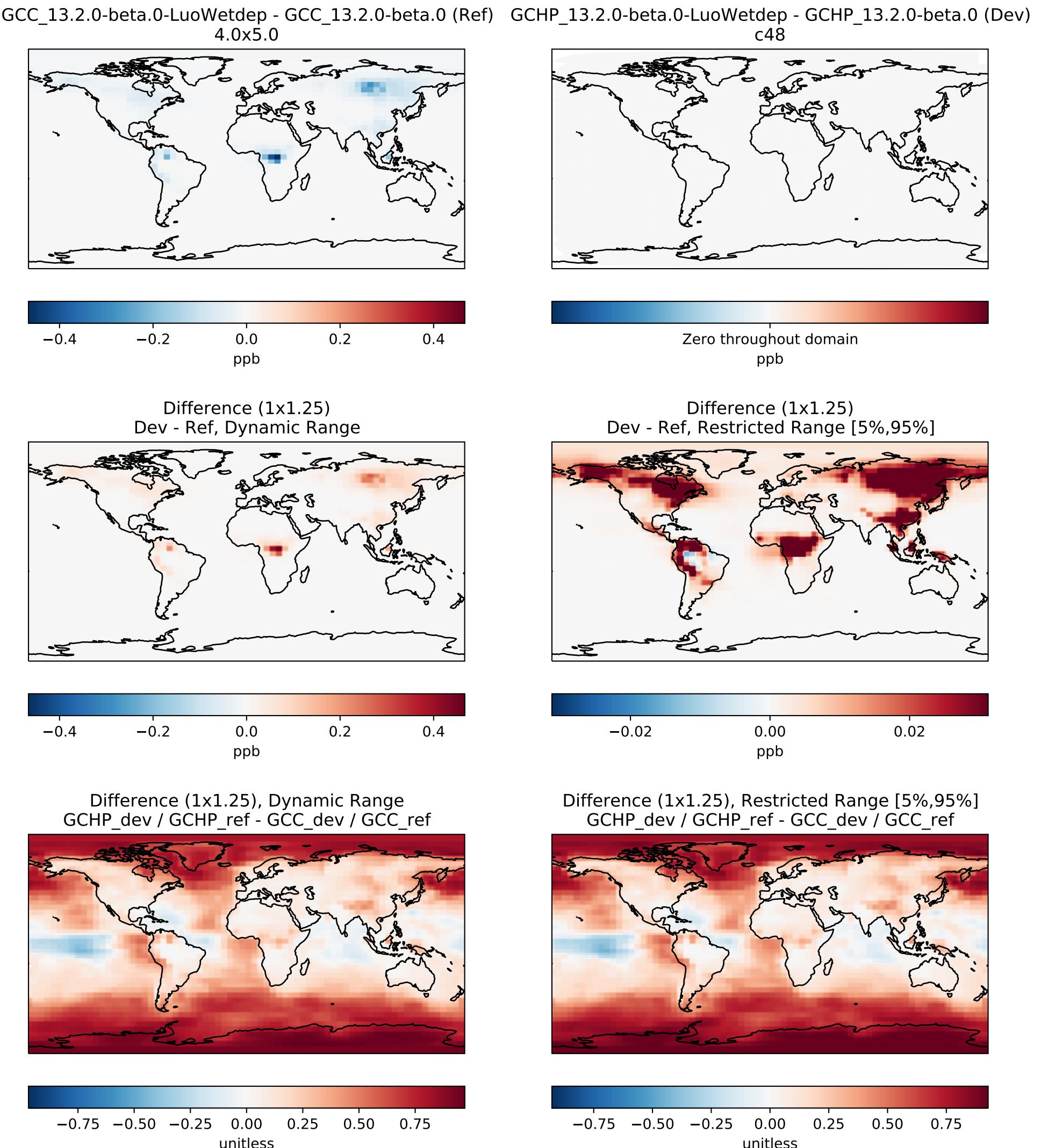


# SpeciesConc\_OCPO

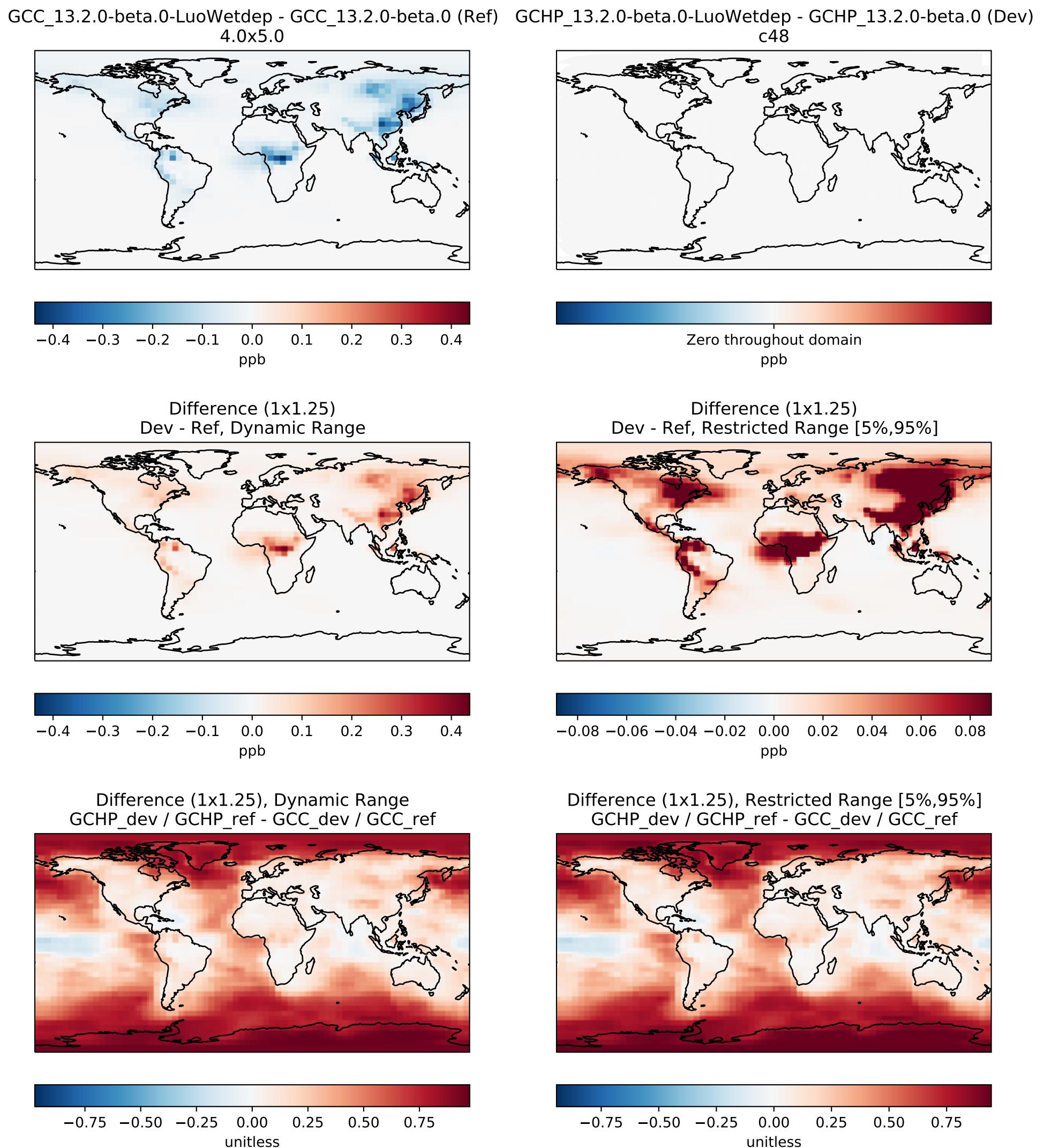
GCC\_13.2.0-beta.0-LuoWetdep - GCC\_13.2.0-beta.0 (Ref) 4.0x5.0    GCHP\_13.2.0-beta.0-LuoWetdep - GCHP\_13.2.0-beta.0 (Dev) c48



# SpeciesConc\_Complex\_SOA

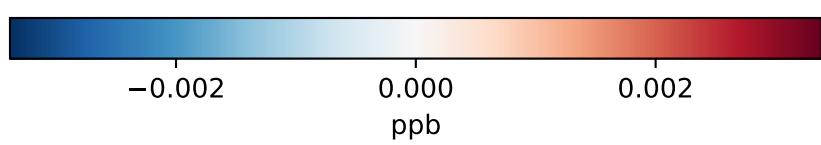
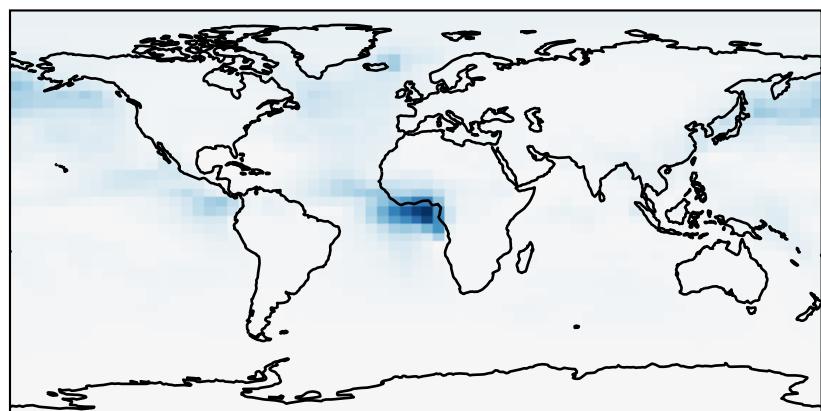


# SpeciesConc\_Simple\_SOA

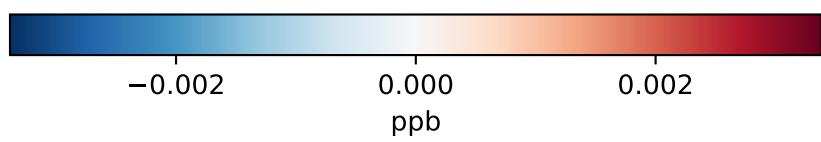
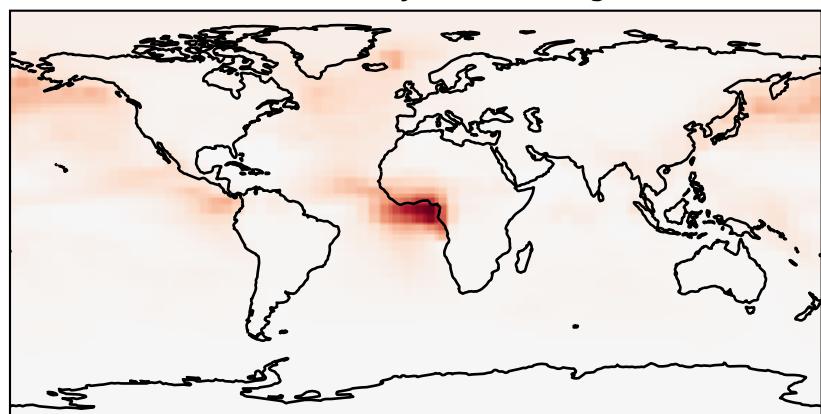


# SpeciesConc\_AERI

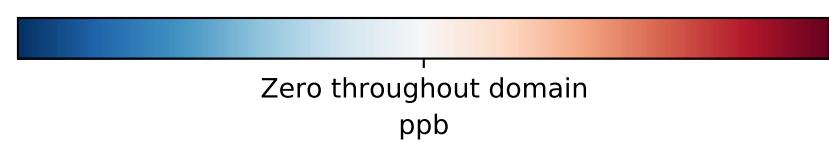
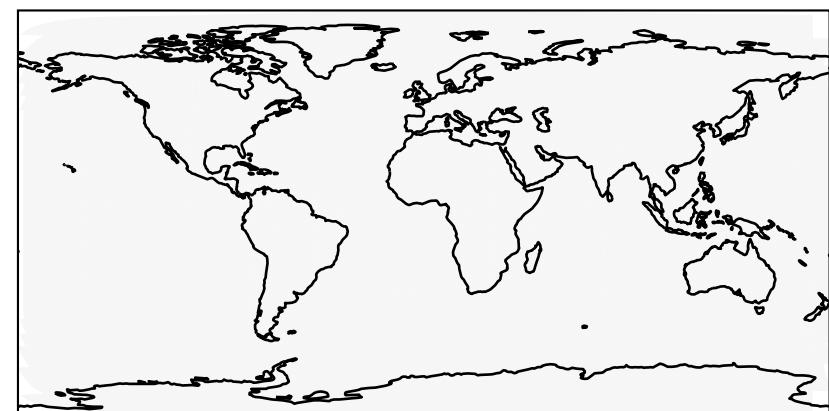
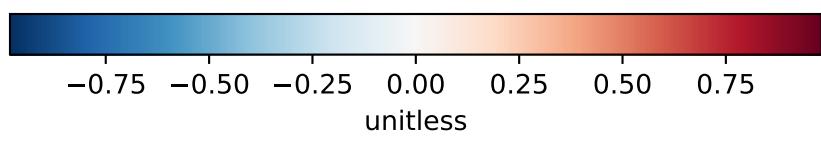
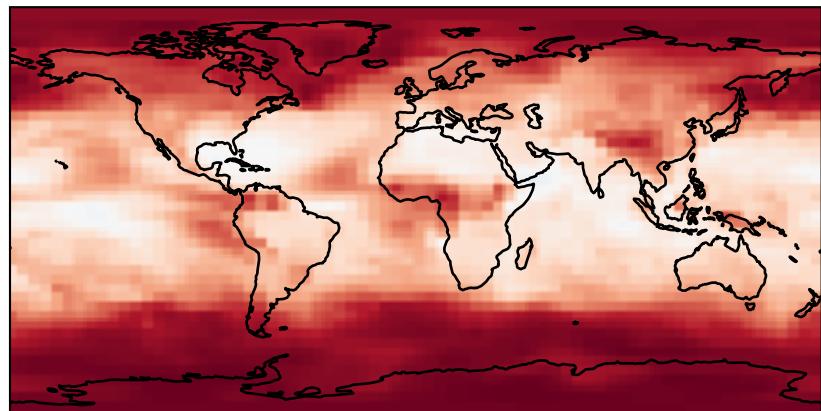
## GCC\_13.2.0-beta.0-LuoWetdep - GCC\_13.2.0-beta.0 (Ref)   GCHP\_13.2.0-beta.0-LuoWetdep - GCHP\_13.2.0-beta.0 (Dev)



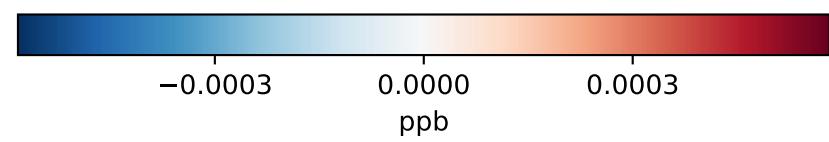
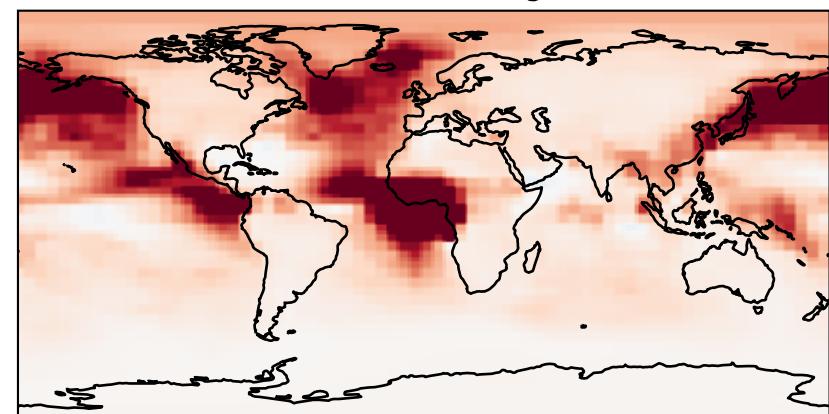
Difference (1x1.25)  
Dev - Ref, Dynamic Range



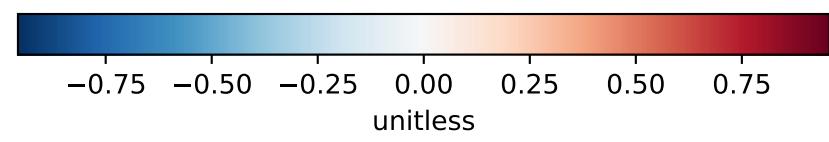
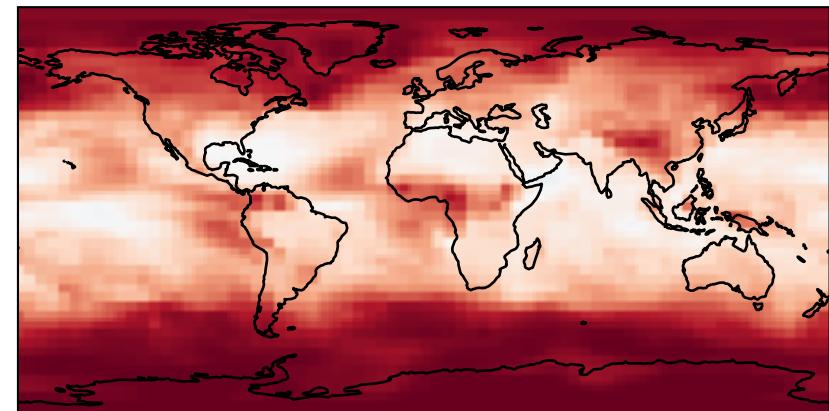
Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref



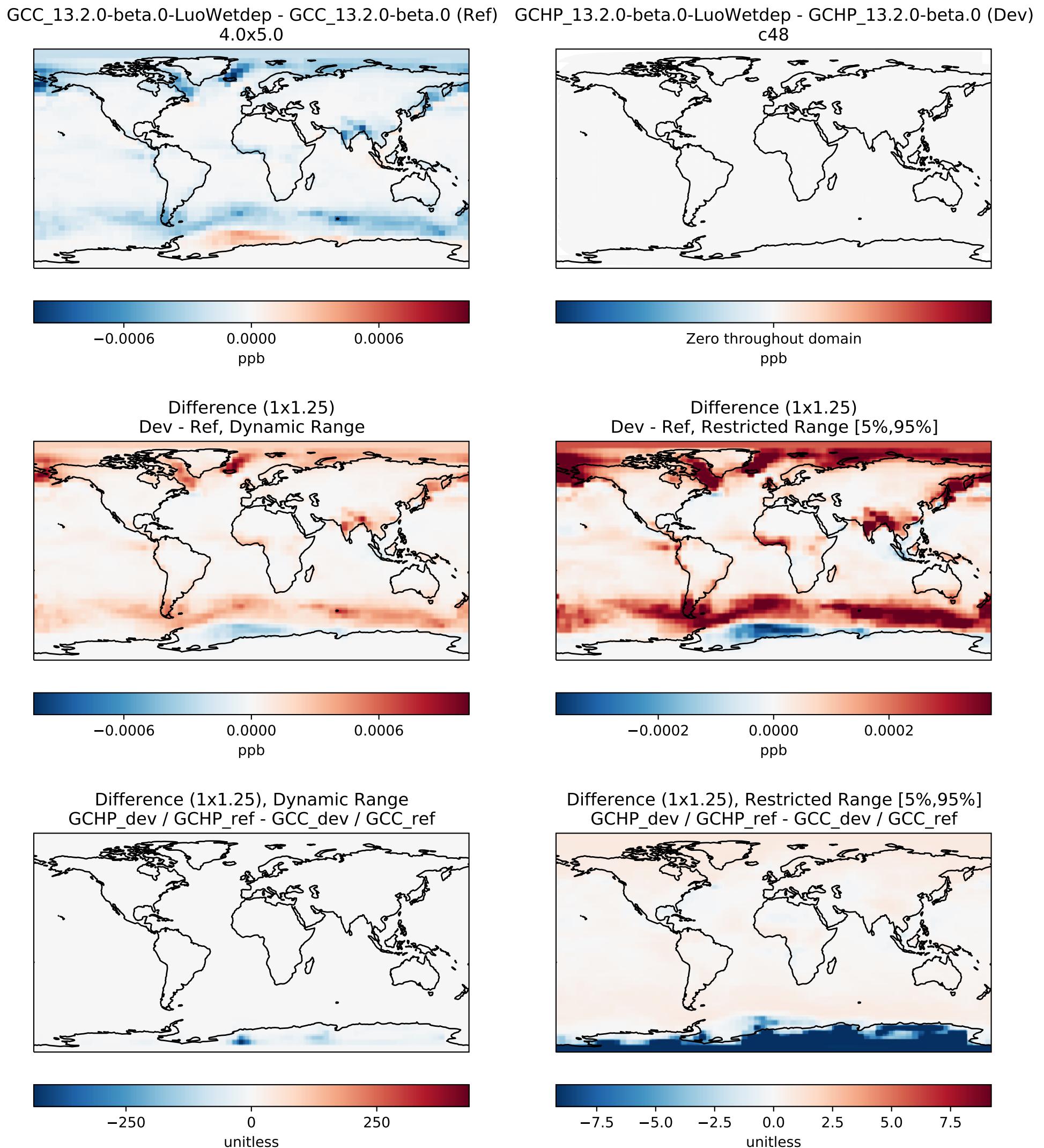
## Difference (1x1.25) Dev - Ref, Restricted Range [5%,95%]



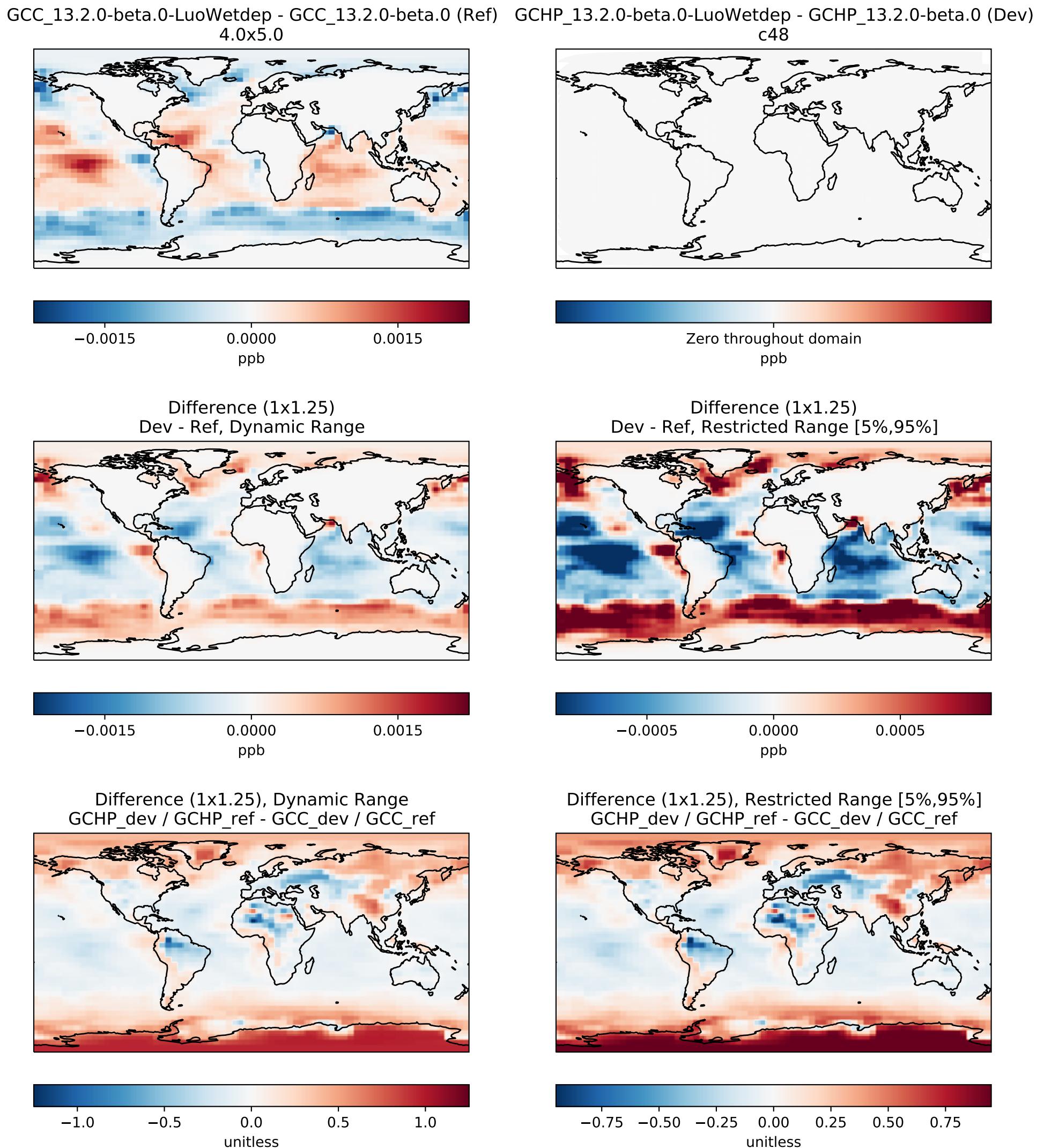
Difference (1x1.25), Restricted Range [5%,95%]  
 $\text{GCHP\_dev} / \text{GCHP\_ref} - \text{GCC\_dev} / \text{GCC\_ref}$



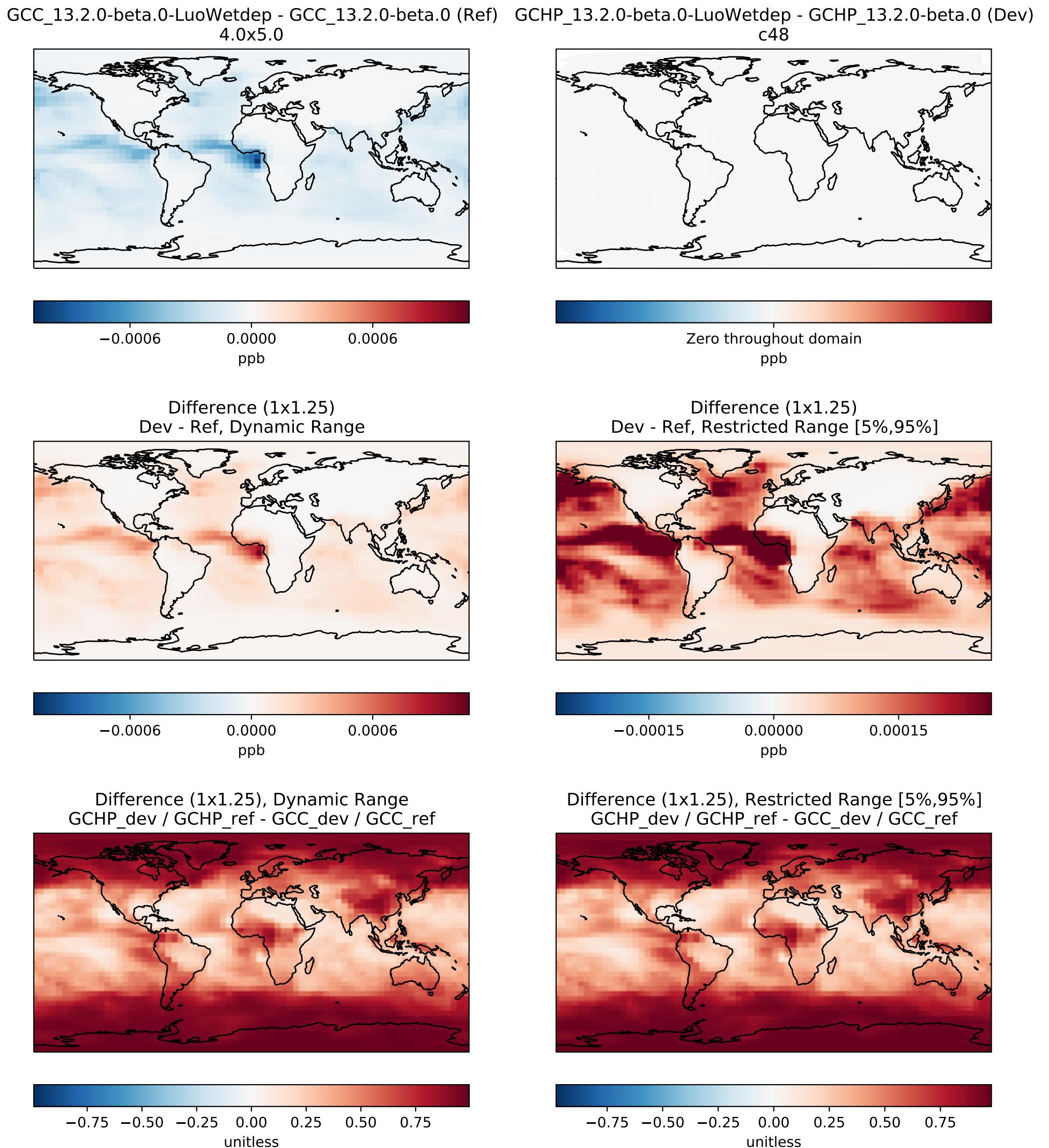
# SpeciesConc\_BrSALA



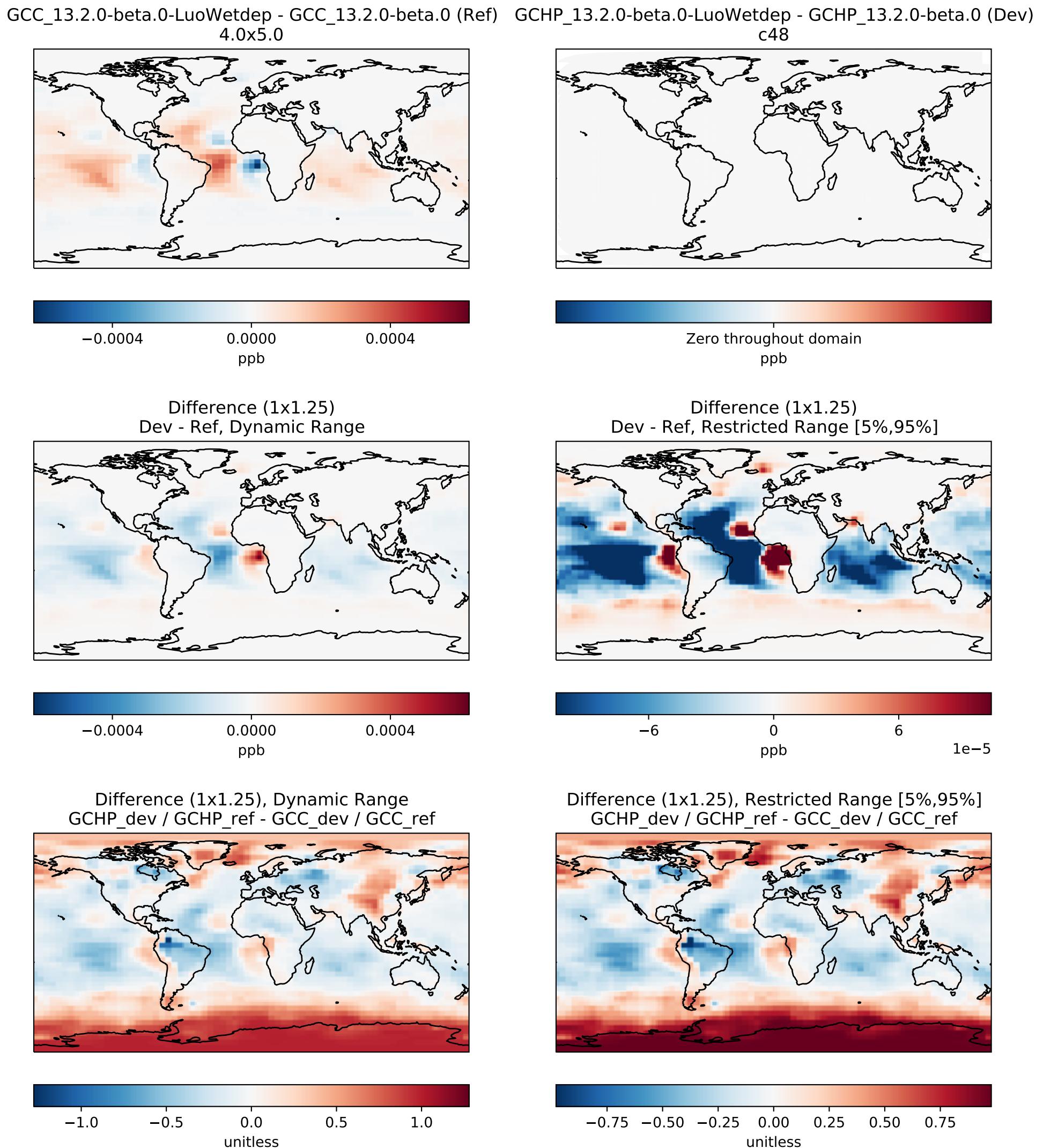
# SpeciesConc\_BrSALC



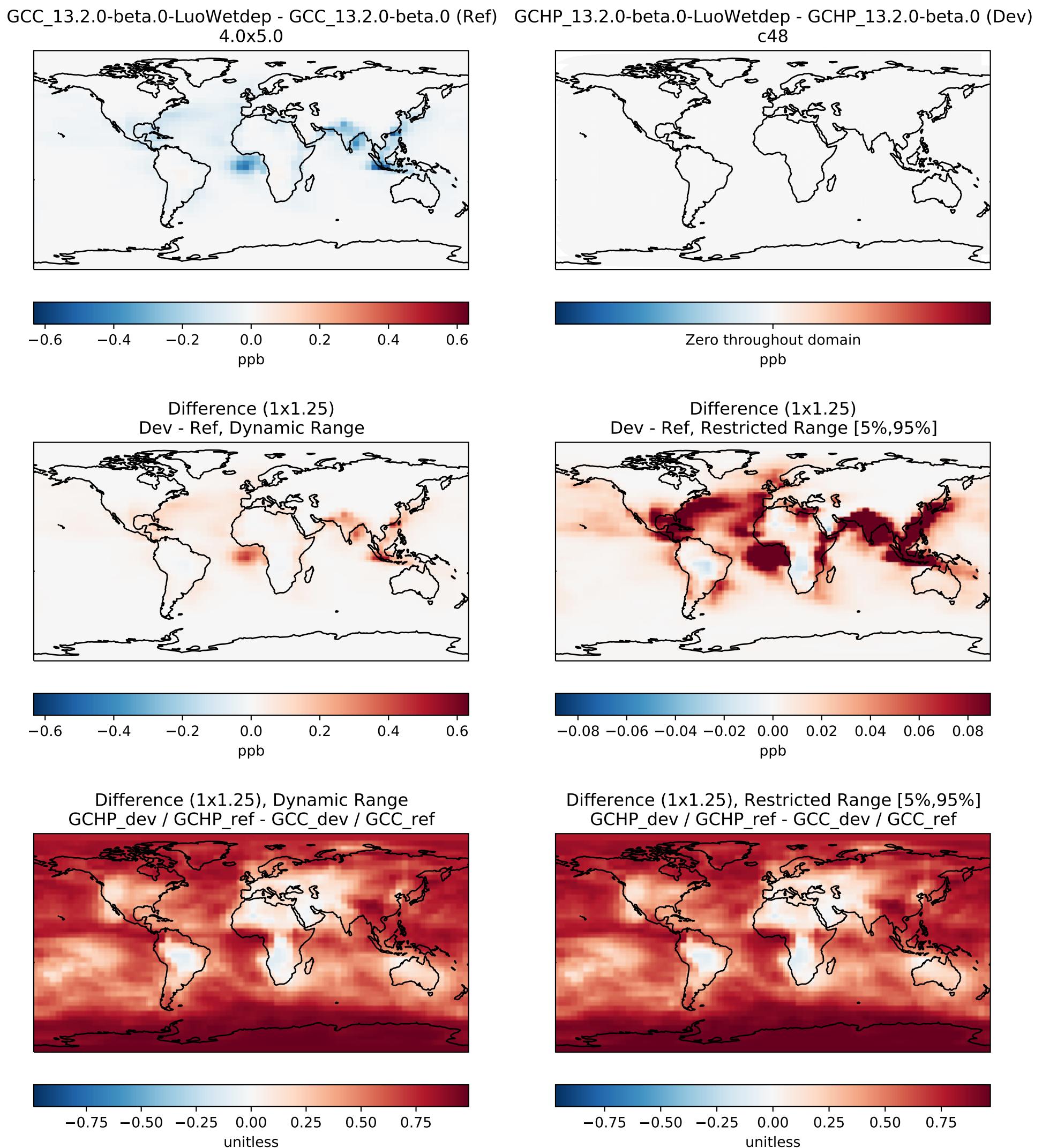
# SpeciesConc\_ISALA



# SpeciesConc\_ISALC

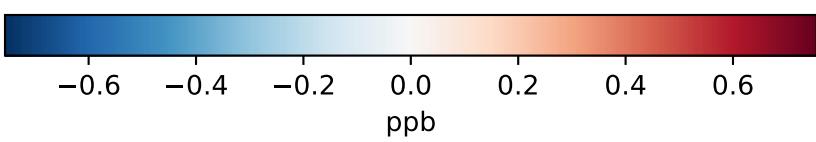
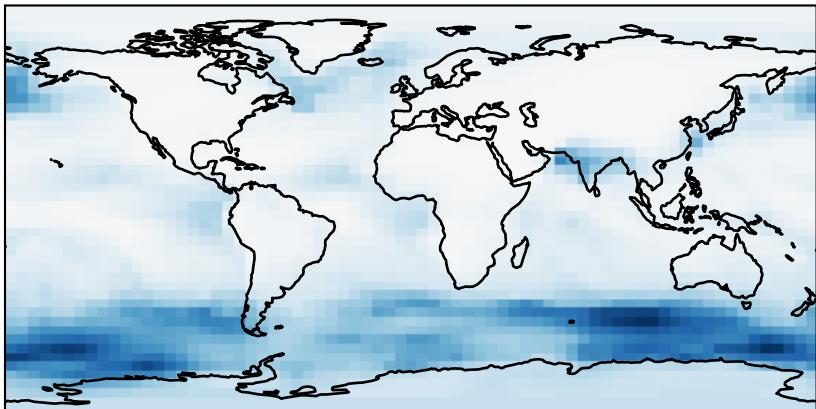


# SpeciesConc\_NITs

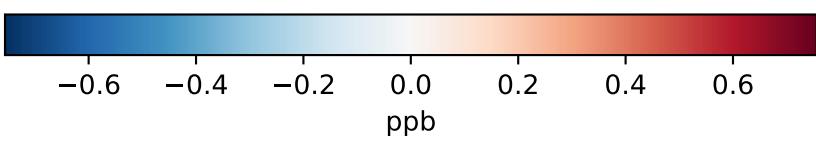
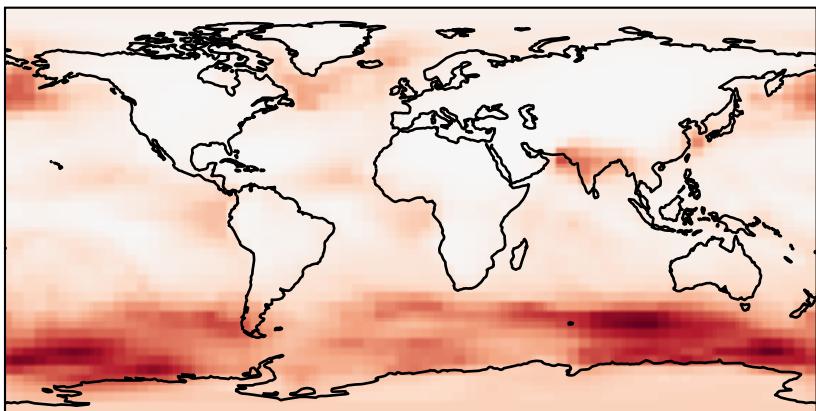


# SpeciesConc\_SALA

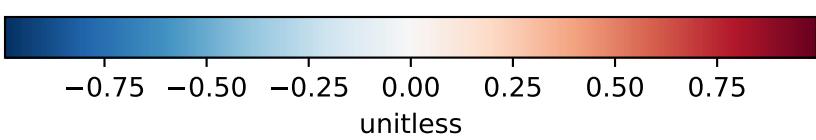
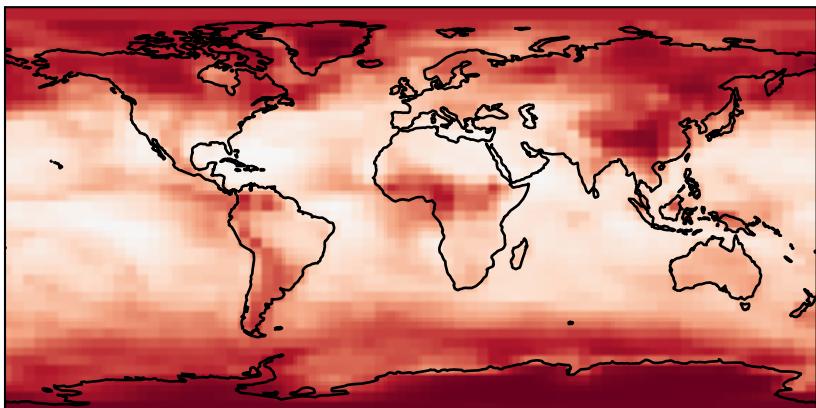
# GCC\_13.2.0-beta.0-LuoWetdep - 4.0x5.0



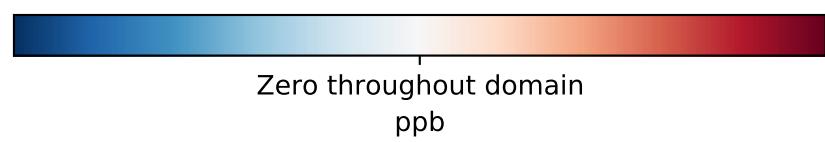
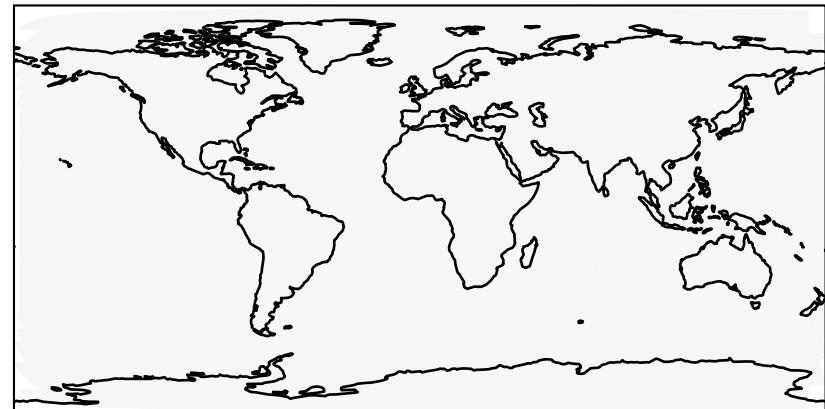
## Difference (1x1.25) Dev - Ref, Dynamic Range



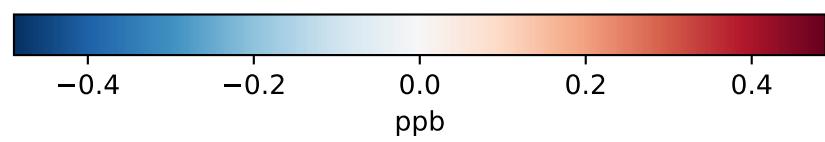
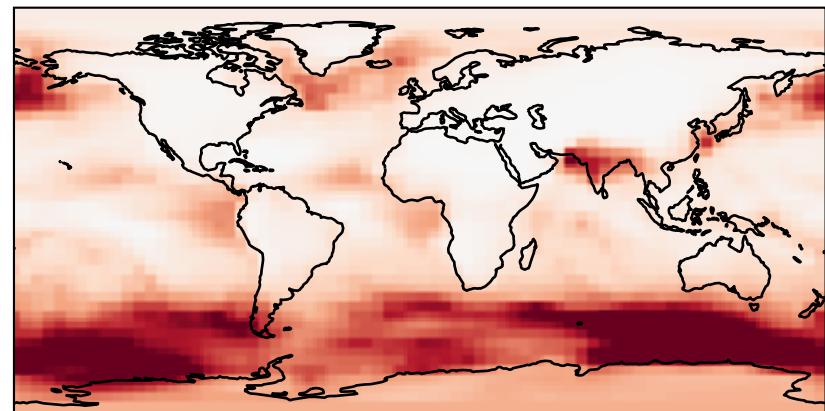
Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref



# GCHP\_13.2.0-beta.0-LuoWetdep - GCHP\_13.2.0-beta.0 (Dev) c48

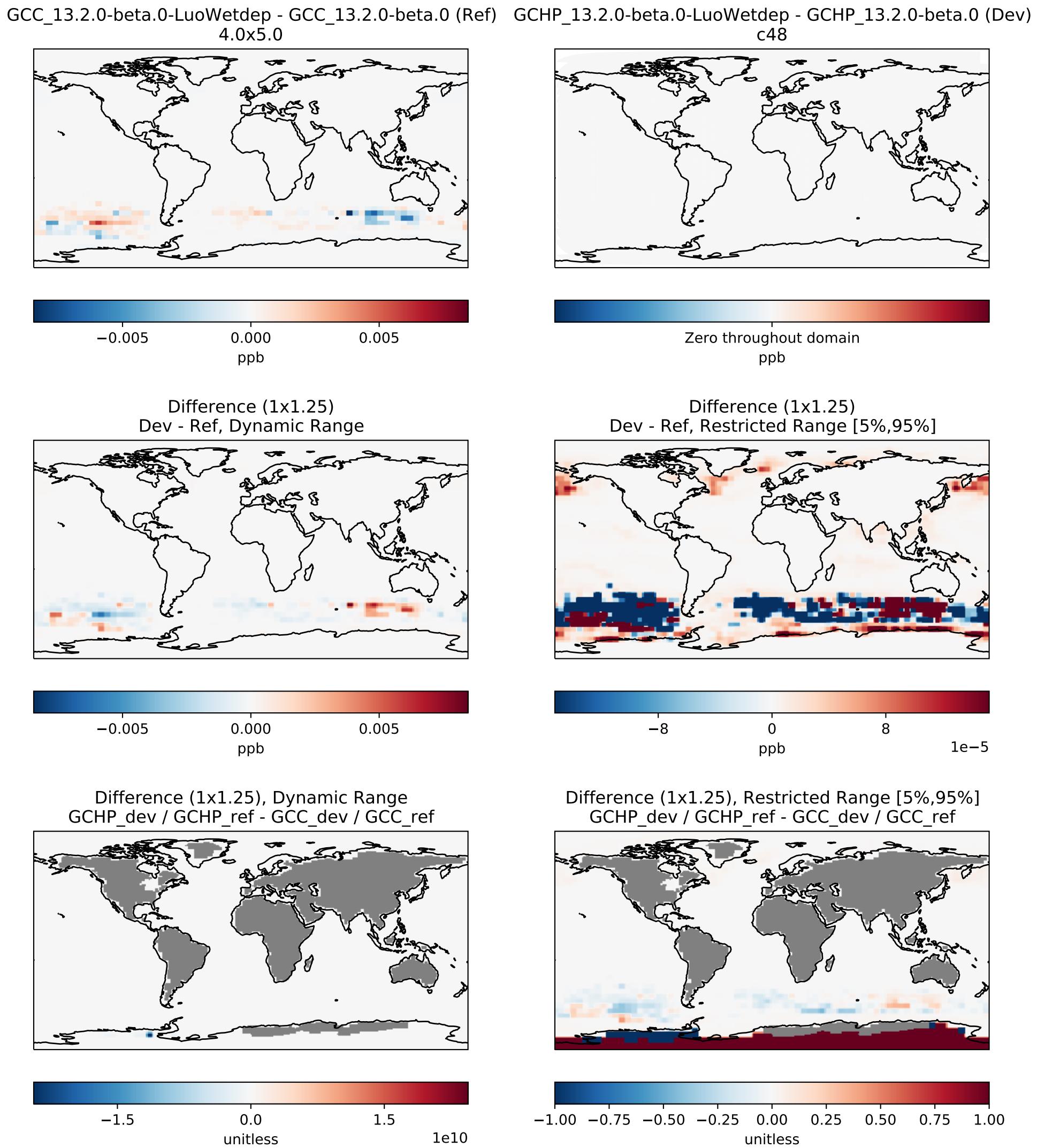


## Difference (1x1.25) Dev - Ref, Restricted Range [5%,95%]

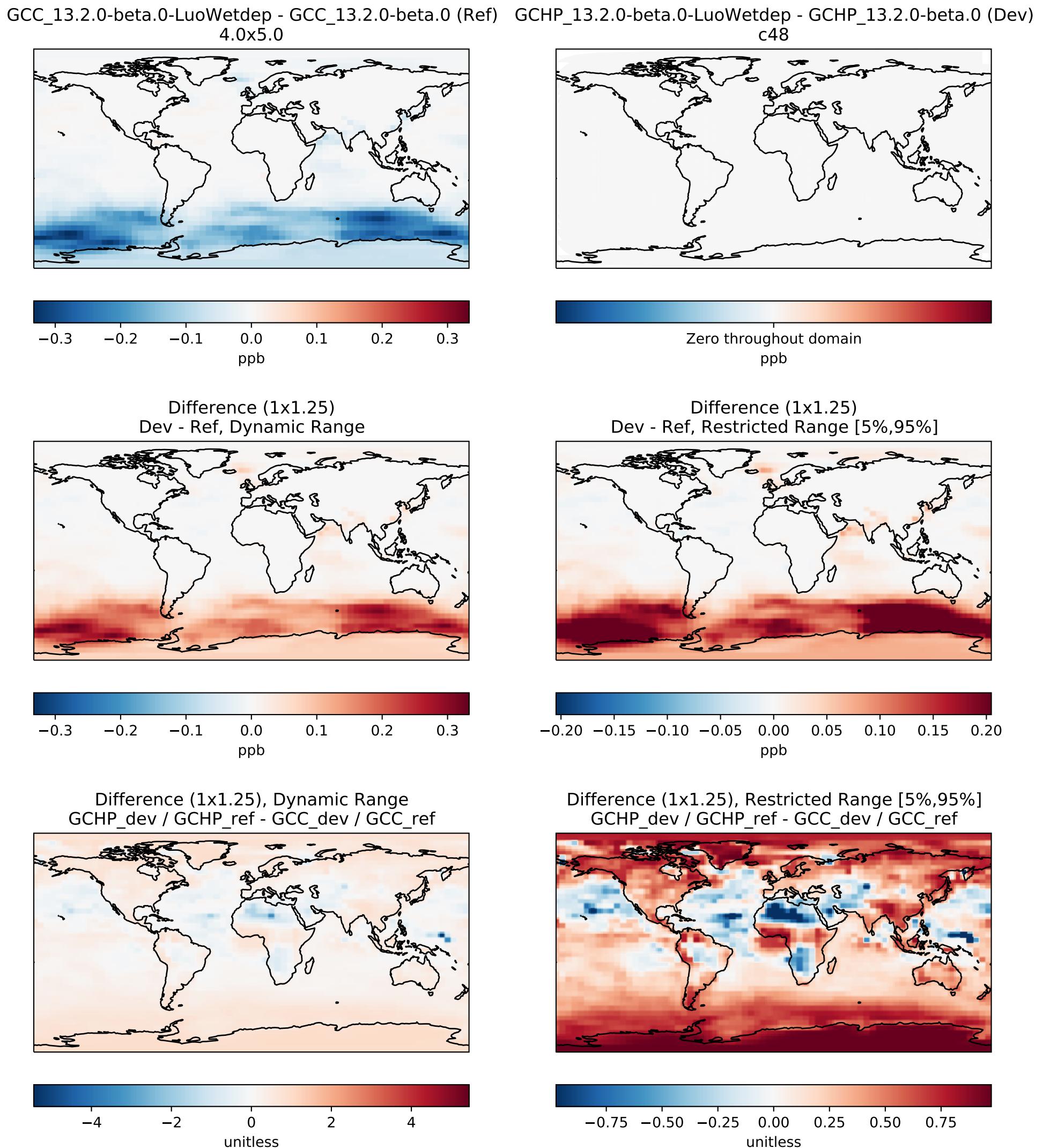


Difference (1x1.25), Restricted Range [5%,95%]  
 $\text{GCHP\_dev} / \text{GCHP\_ref} - \text{GCC\_dev} / \text{GCC\_ref}$

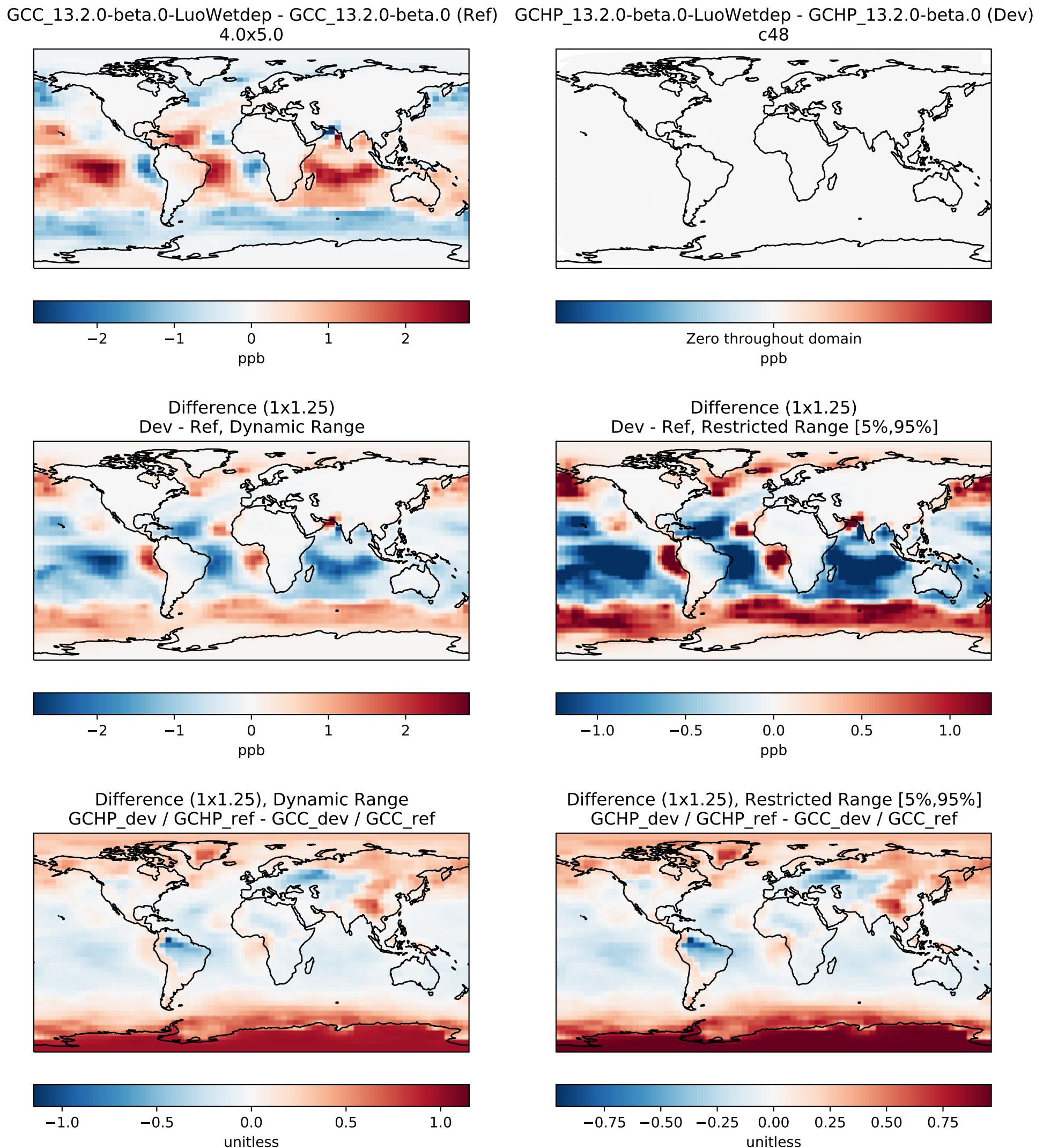
# SpeciesConc\_SALAAL



# SpeciesConc\_SALACL

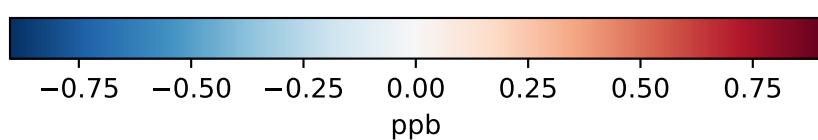
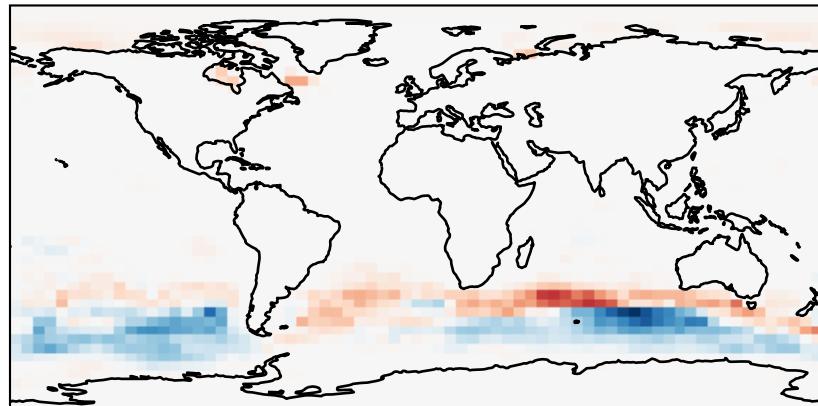


# SpeciesConc\_SALC

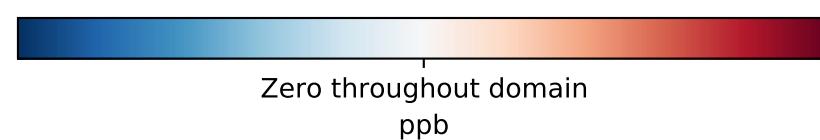
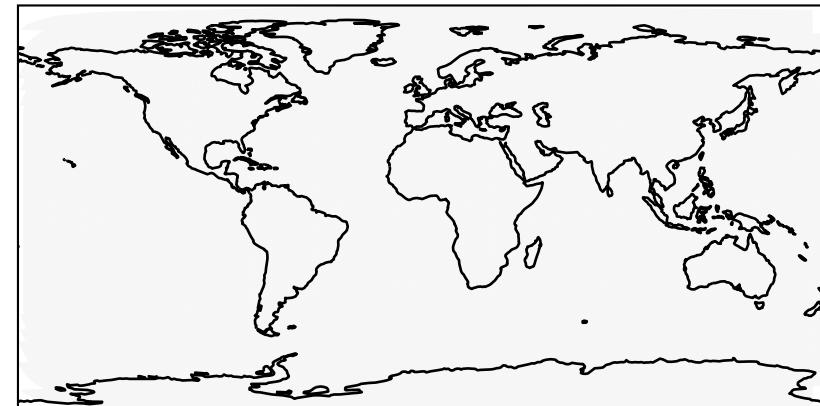


# SpeciesConc\_SALCAL

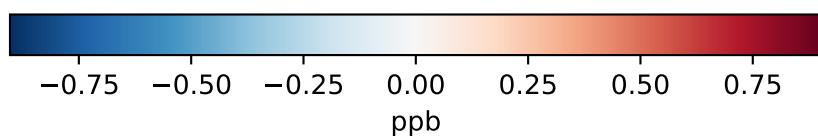
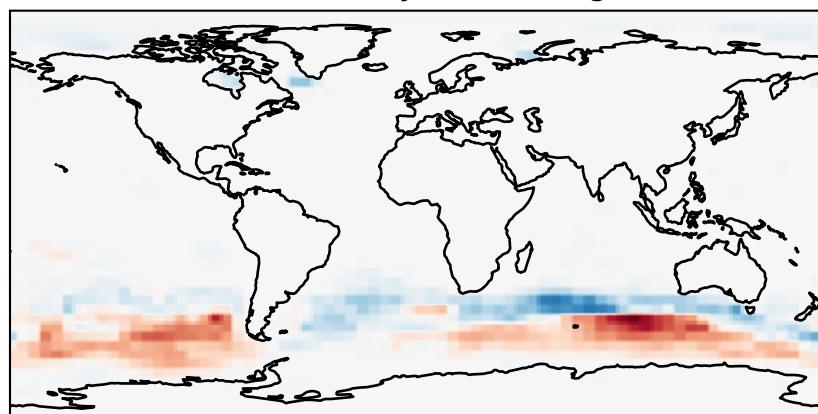
GCC\_13.2.0-beta.0-LuoWetdep - GCC\_13.2.0-beta.0 (Ref) 4.0x5.0    GCHP\_13.2.0-beta.0-LuoWetdep - GCHP\_13.2.0-beta.0 (Dev) c48



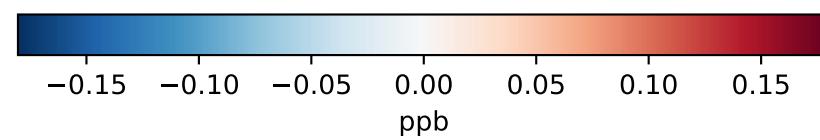
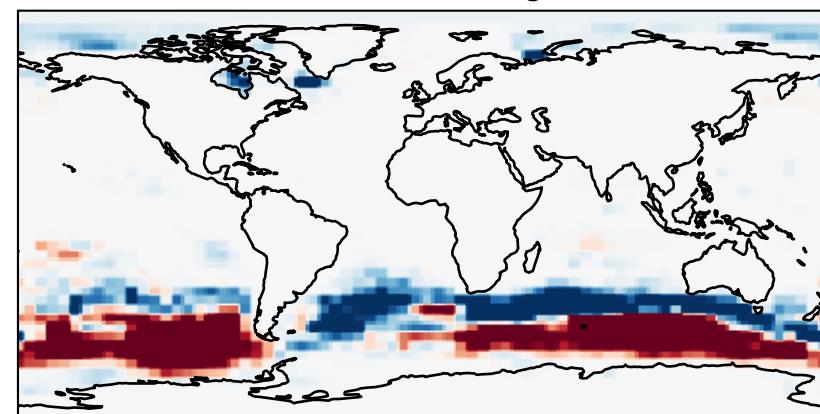
Difference (1x1.25)  
Dev - Ref, Dynamic Range



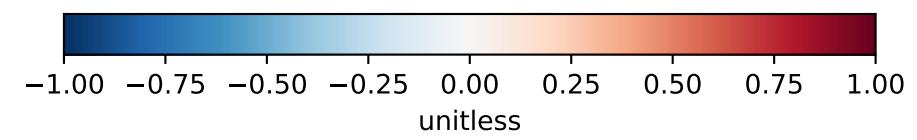
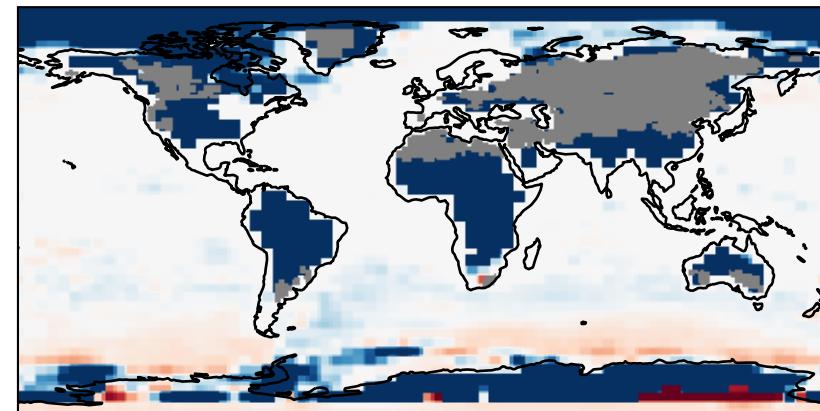
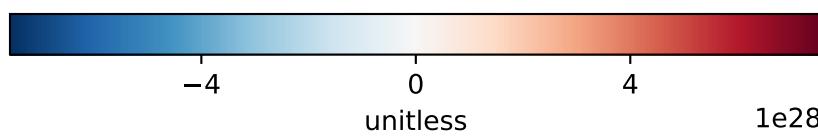
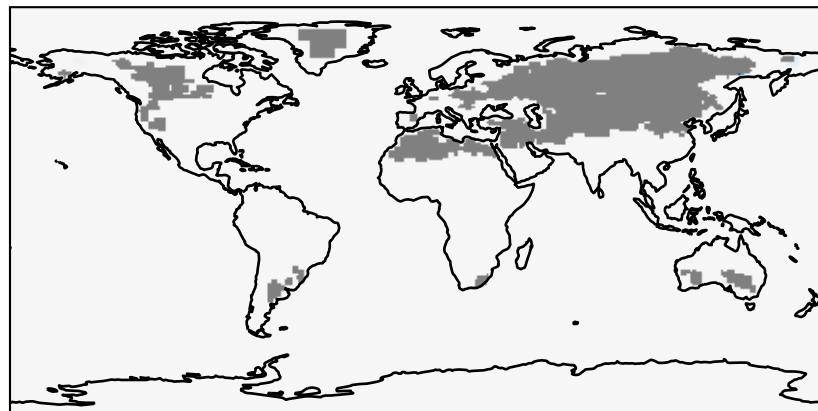
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



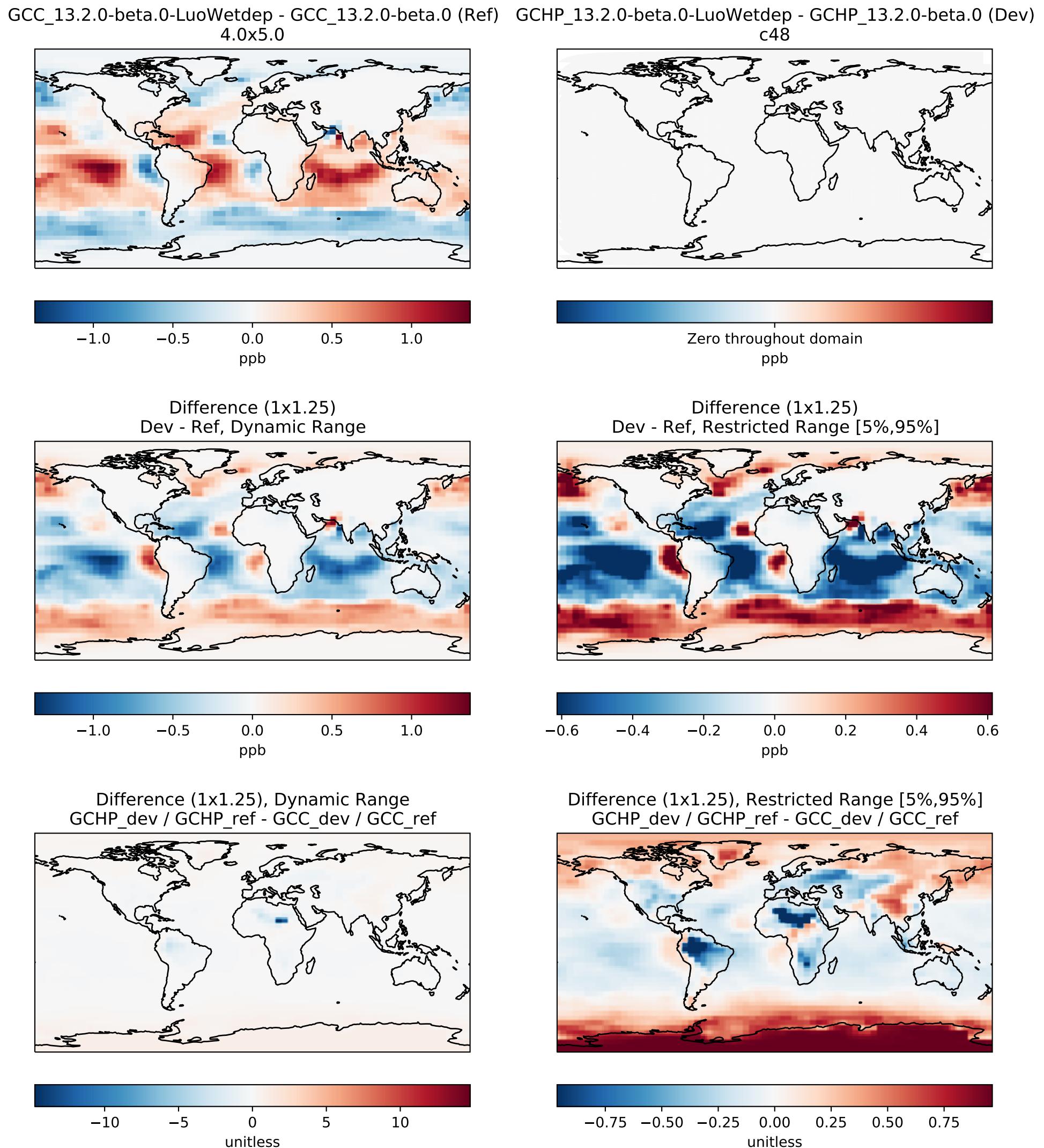
Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref



Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

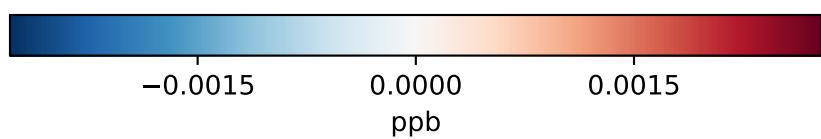
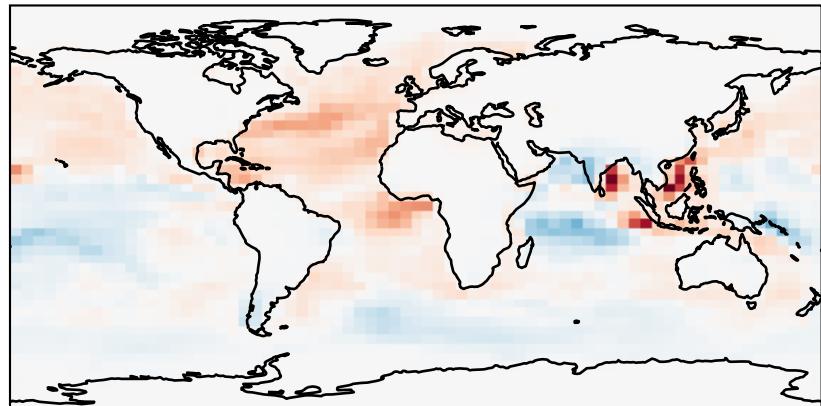


# SpeciesConc\_SALCCL

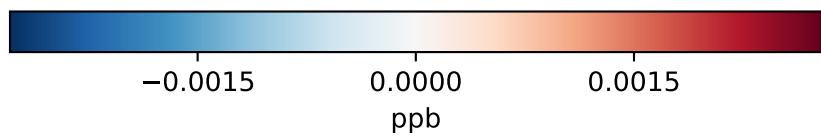
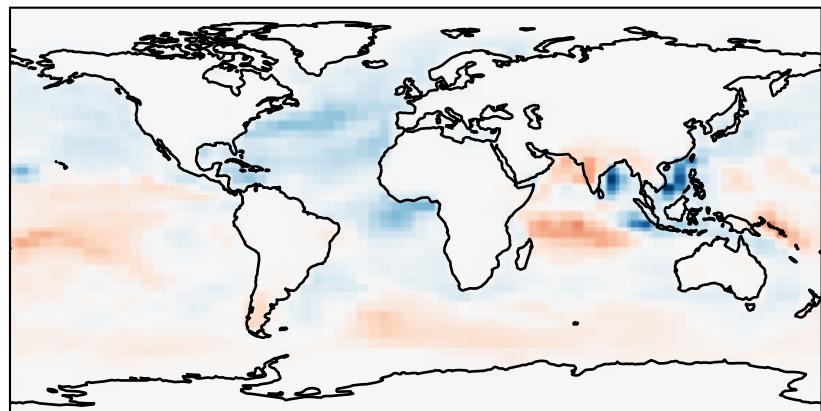


# SpeciesConc\_SO4s

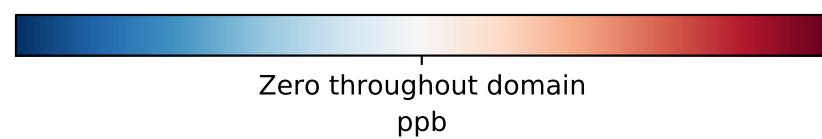
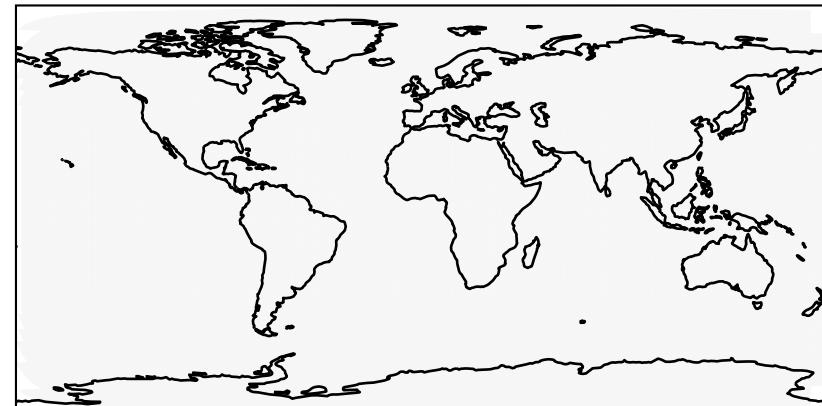
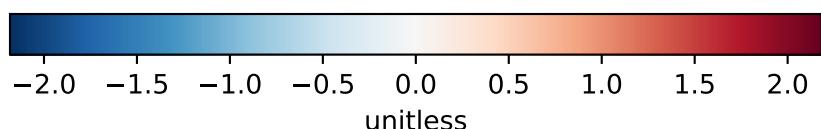
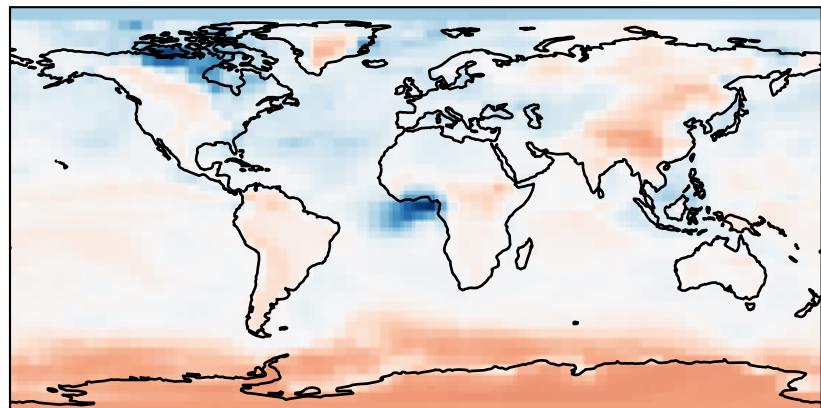
GCC\_13.2.0-beta.0-LuoWetdep - GCC\_13.2.0-beta.0 (Ref) 4.0x5.0    GCHP\_13.2.0-beta.0-LuoWetdep - GCHP\_13.2.0-beta.0 (Dev) c48



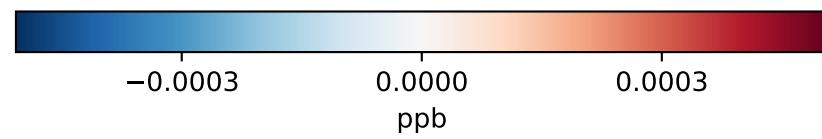
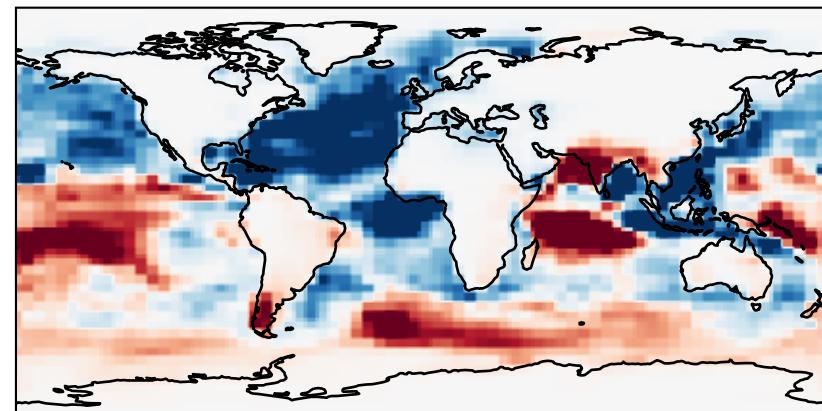
Difference (1x1.25)  
Dev - Ref, Dynamic Range



Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref



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



Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

