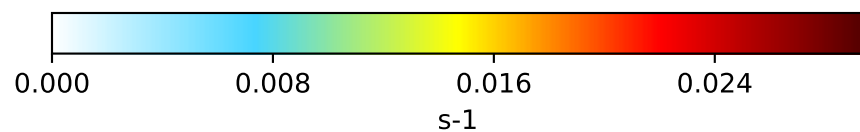
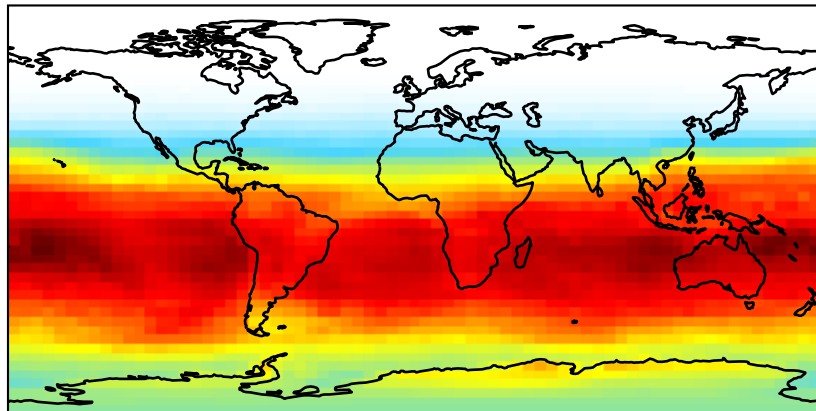
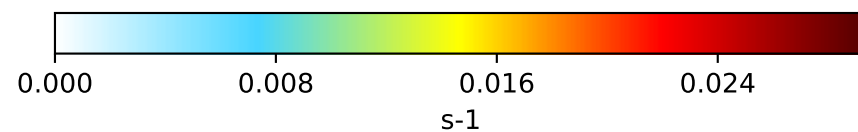
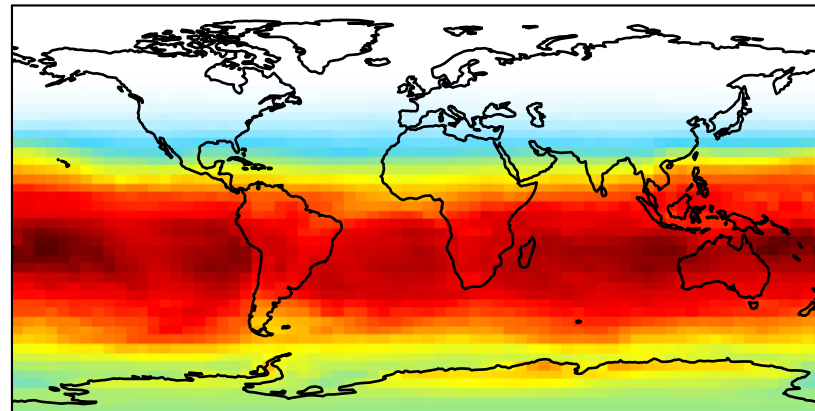


# Jval0301D (Jan2019)

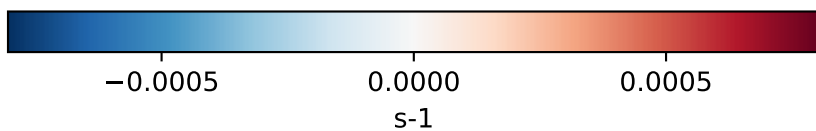
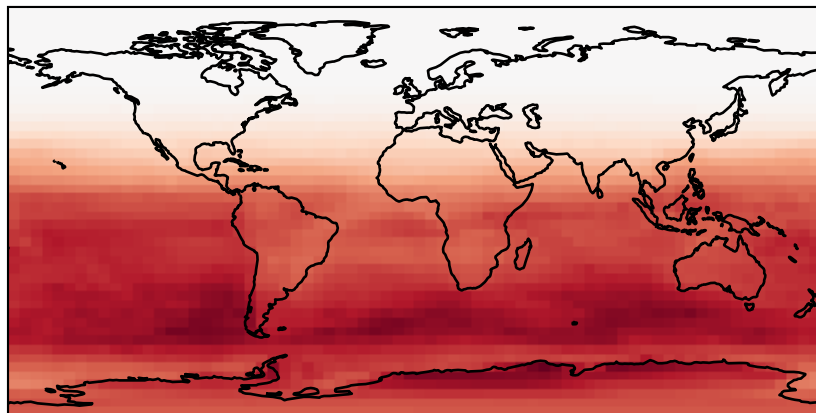
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



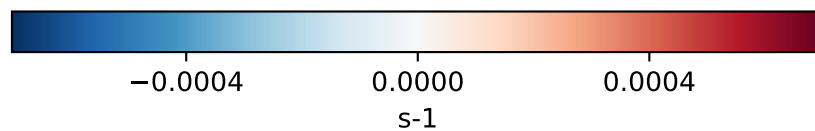
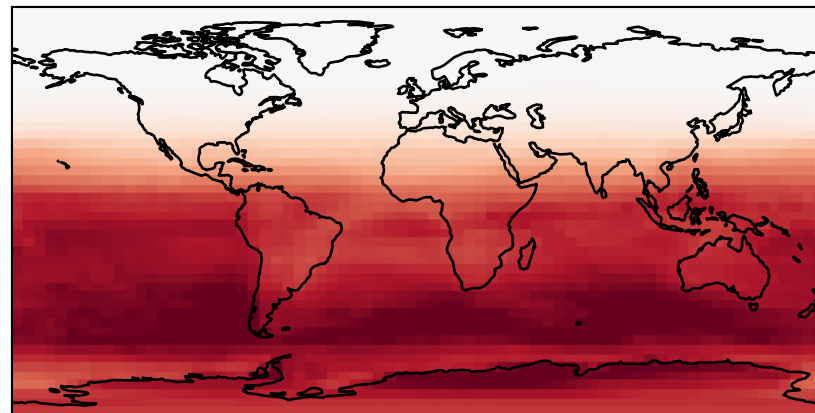
GCC\_13.0.0 (Dev)  
4.0x5.0



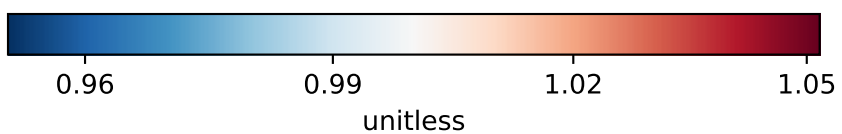
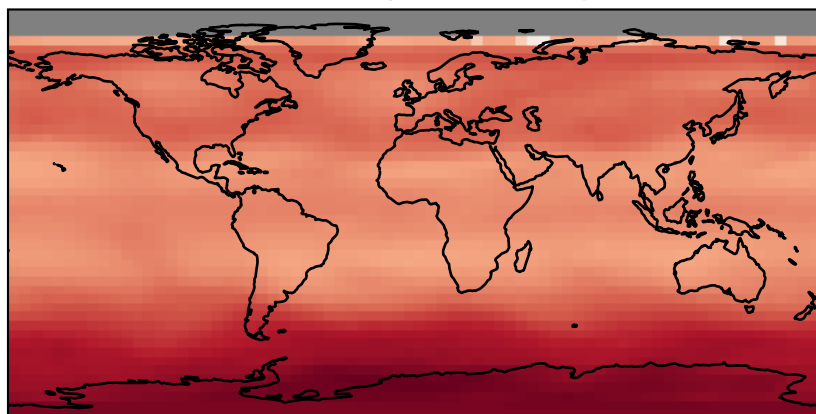
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

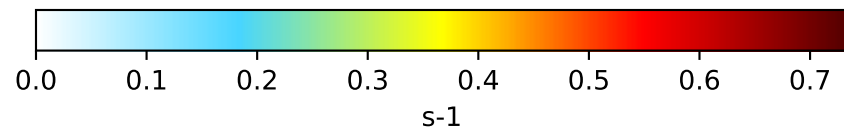
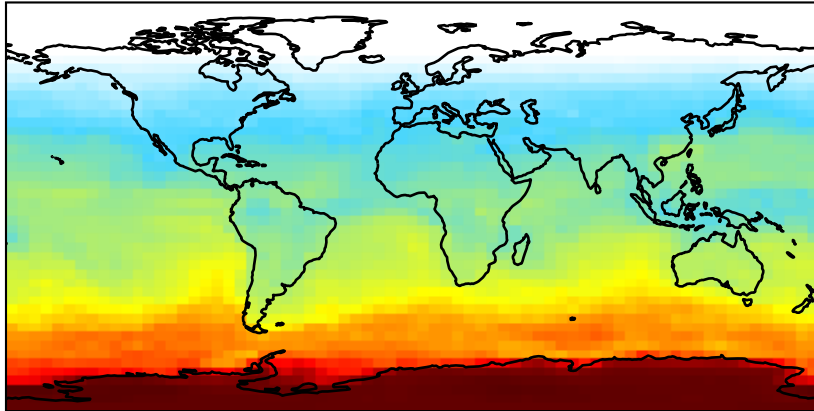


Ratio  
Dev/Ref, Fixed Range

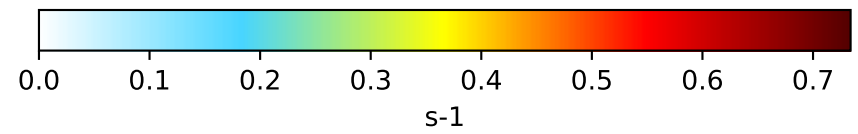
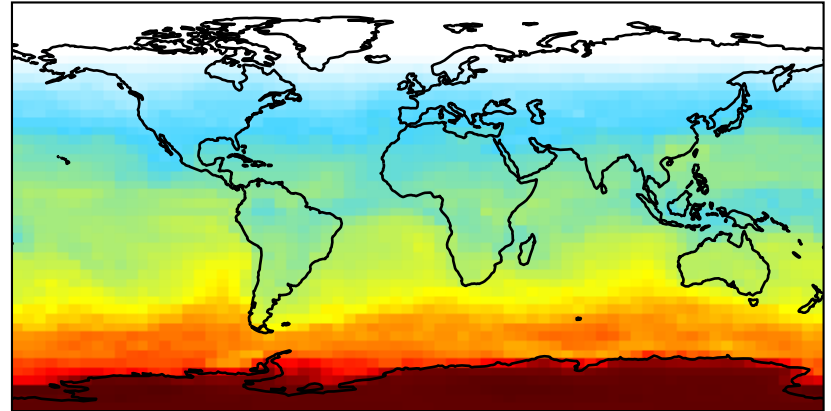


# JvalO3O3P (Jan2019)

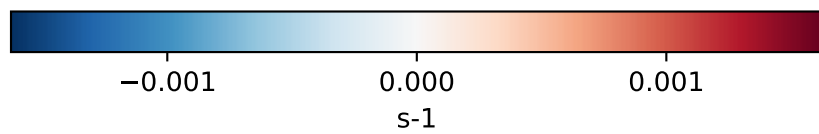
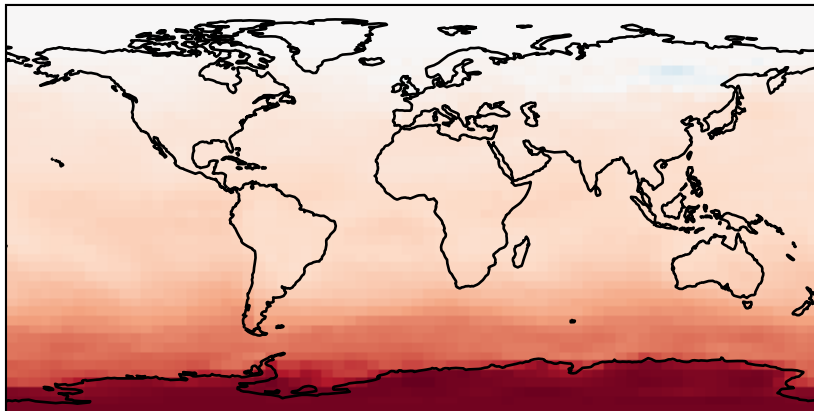
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



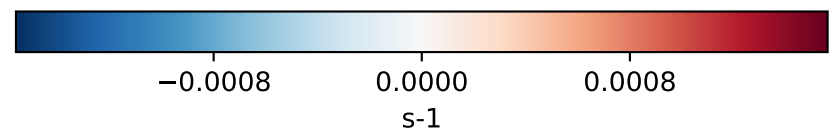
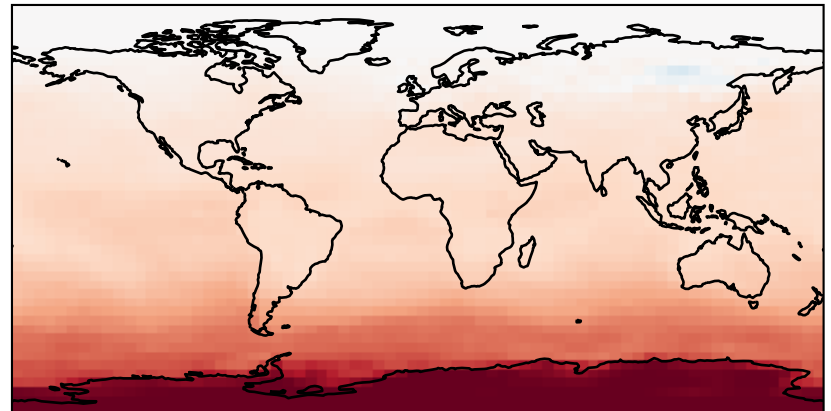
GCC\_13.0.0 (Dev)  
4.0x5.0



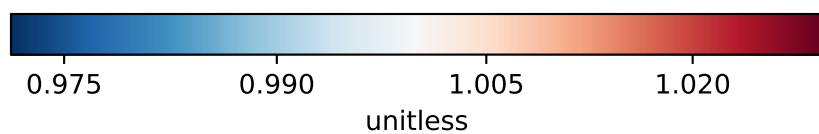
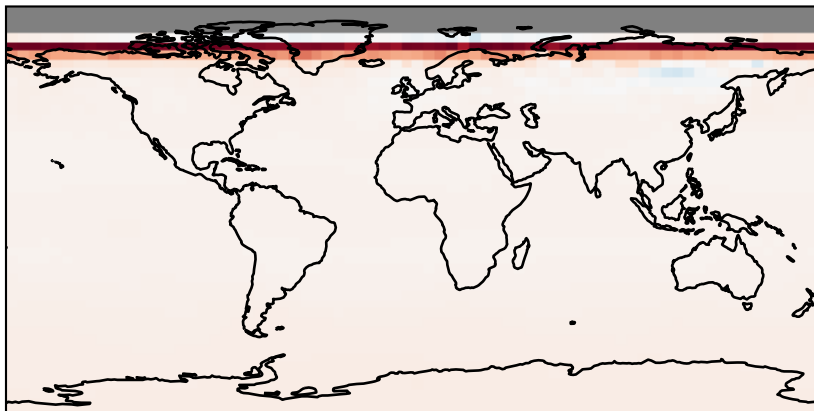
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range



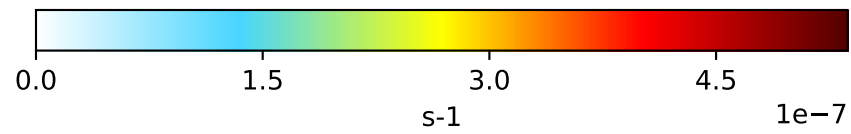
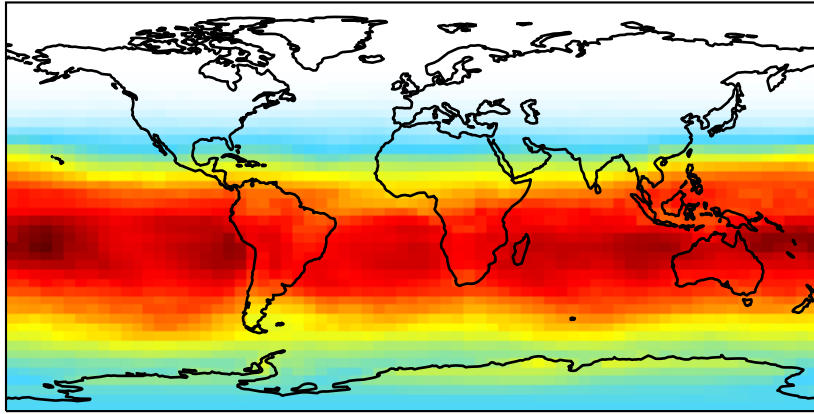
Ratio  
Dev/Ref, Fixed Range



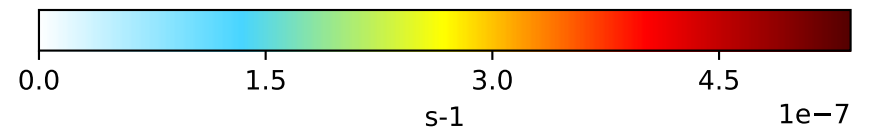
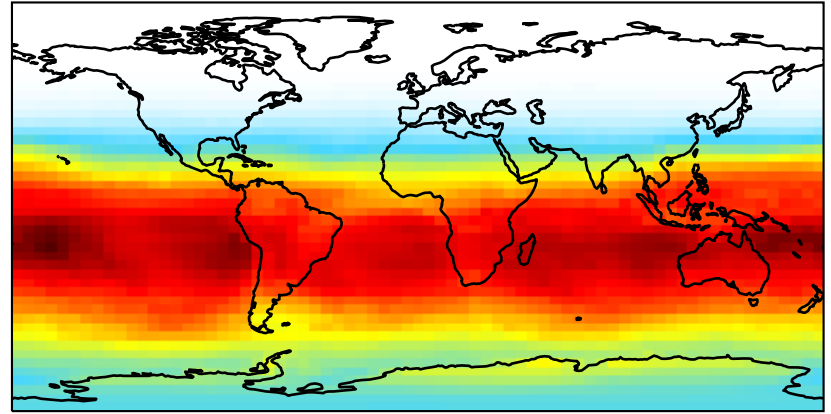


# Jval\_ACET (Jan2019)

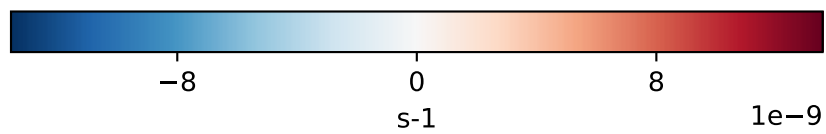
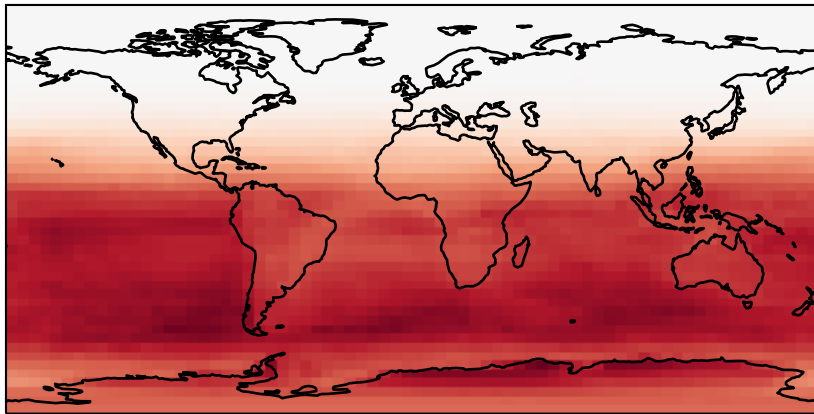
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



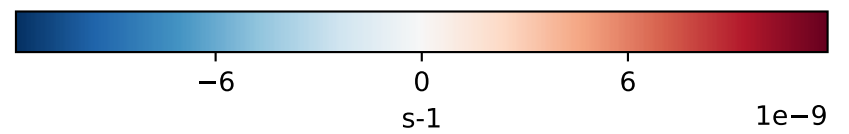
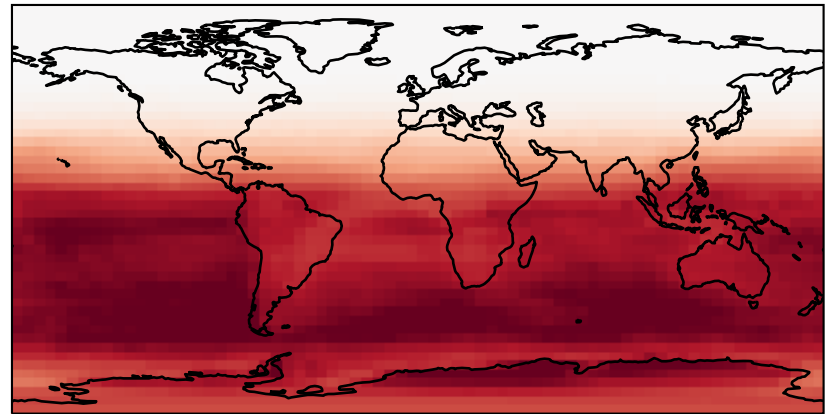
GCC\_13.0.0 (Dev)  
4.0x5.0



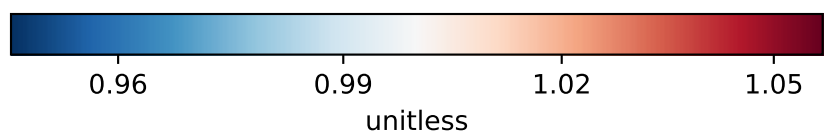
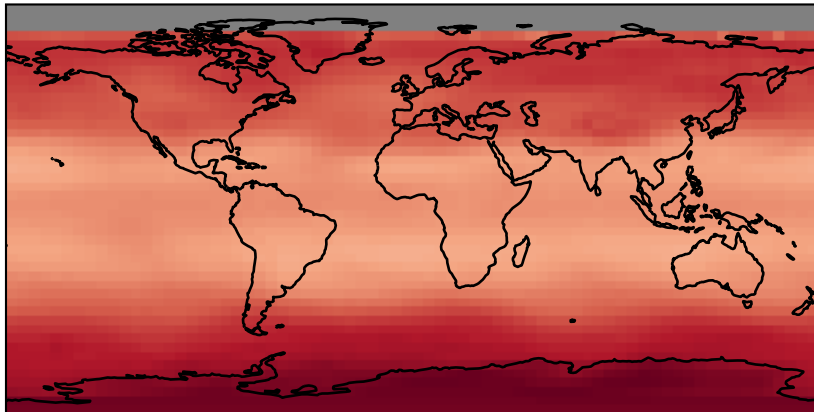
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

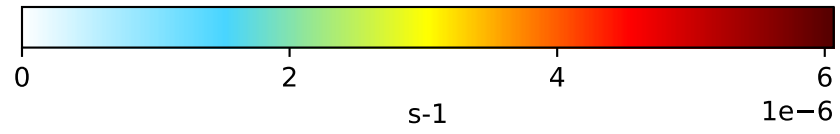
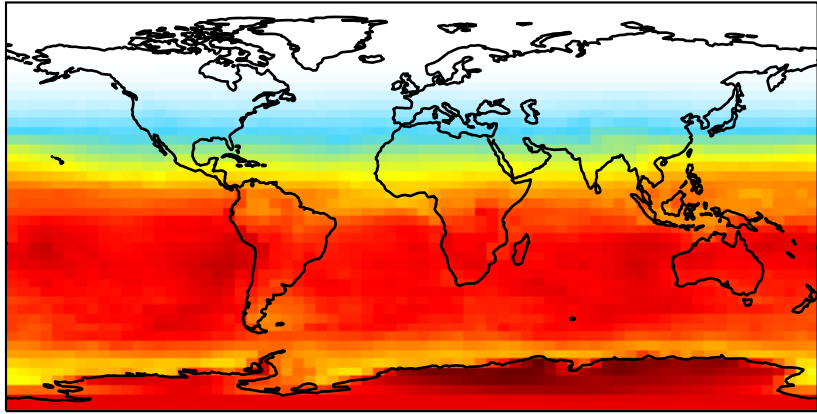


Ratio  
Dev/Ref, Fixed Range

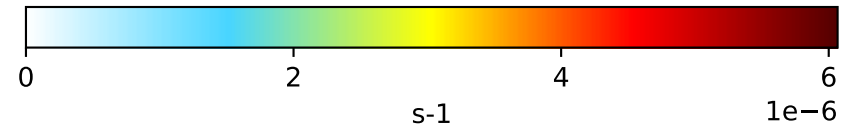
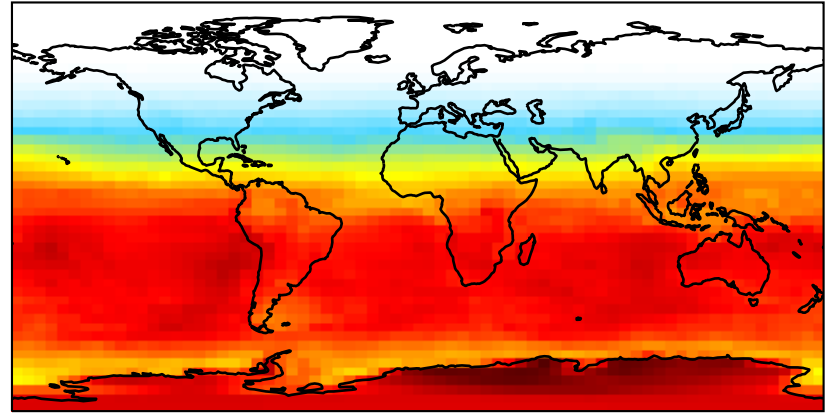


# Jval\_ALD2 (Jan2019)

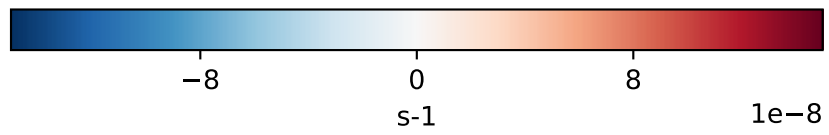
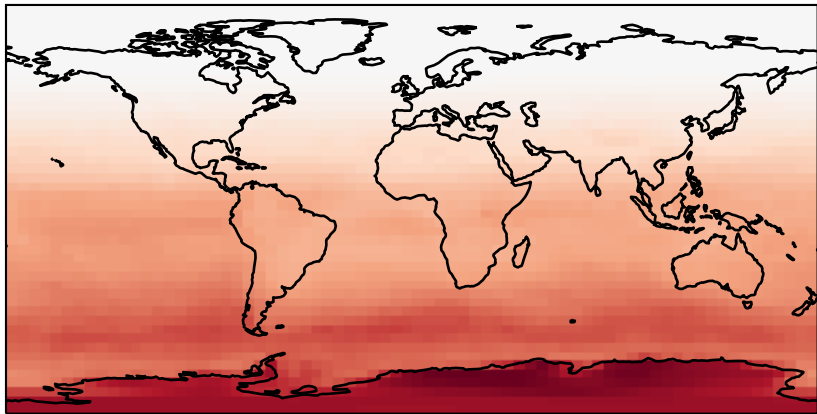
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



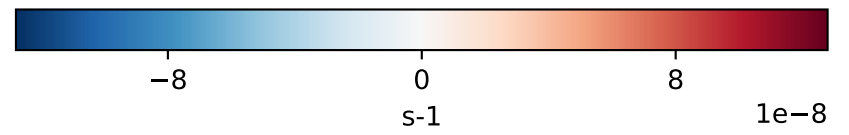
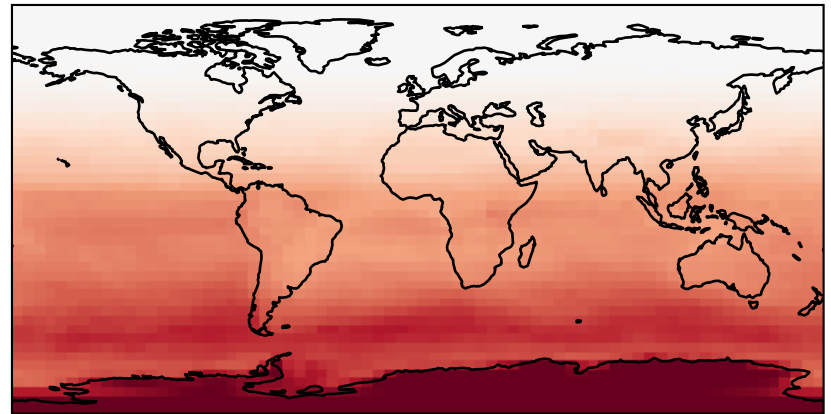
GCC\_13.0.0 (Dev)  
4.0x5.0



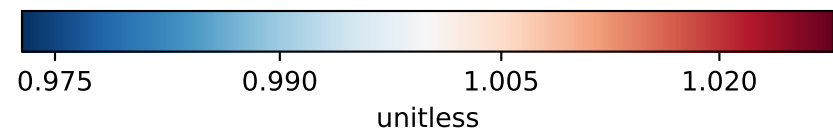
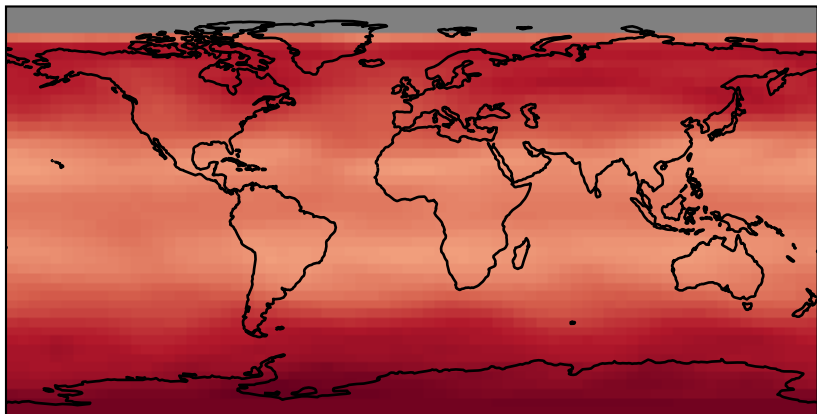
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

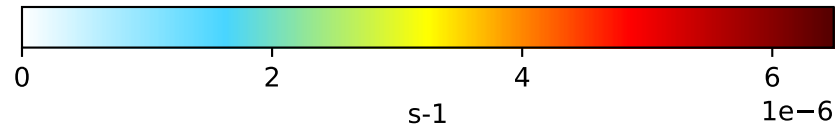
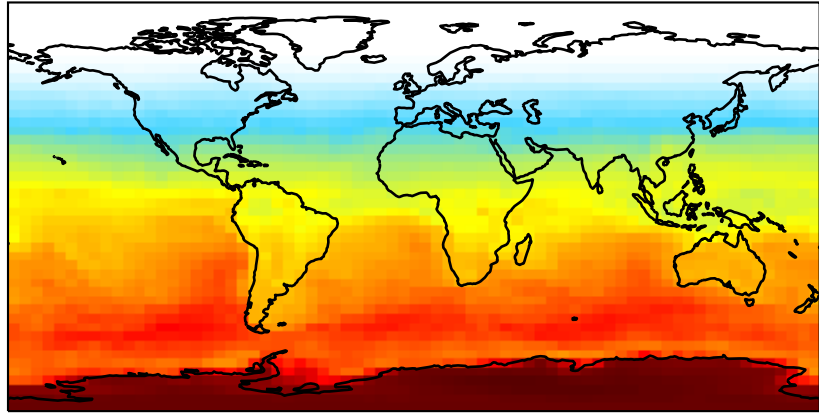


Ratio  
Dev/Ref, Fixed Range

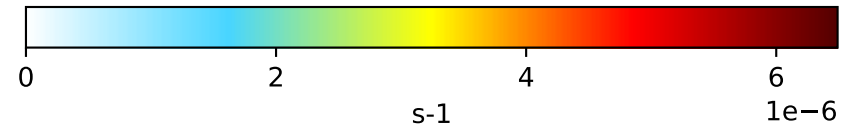
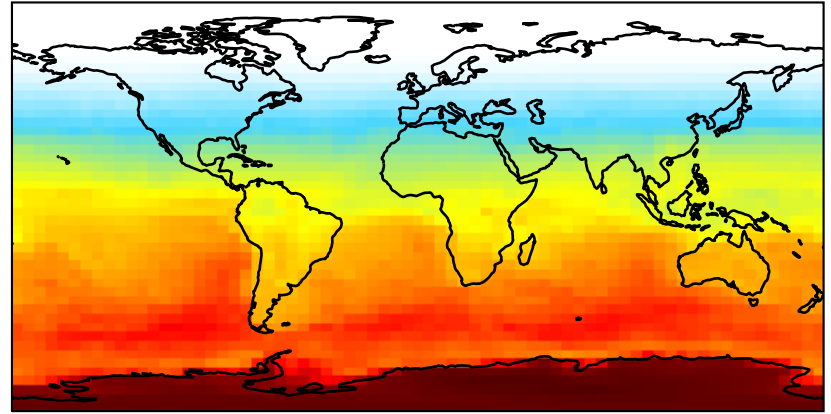


# Jval\_ATOOH (Jan2019)

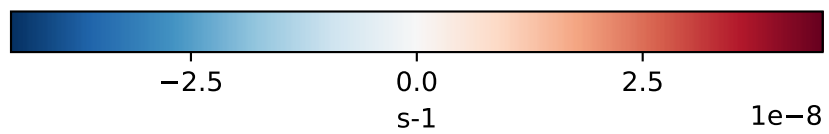
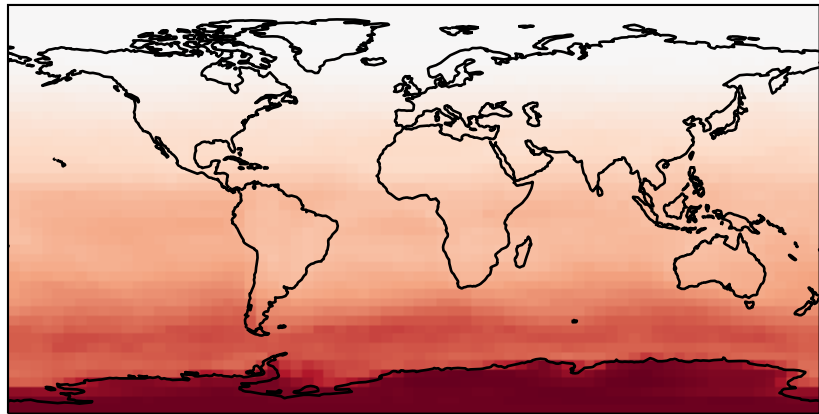
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



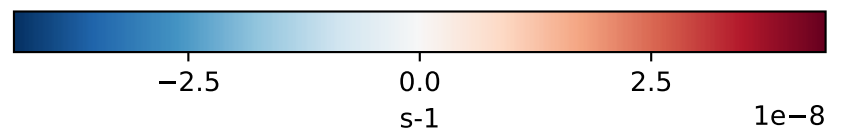
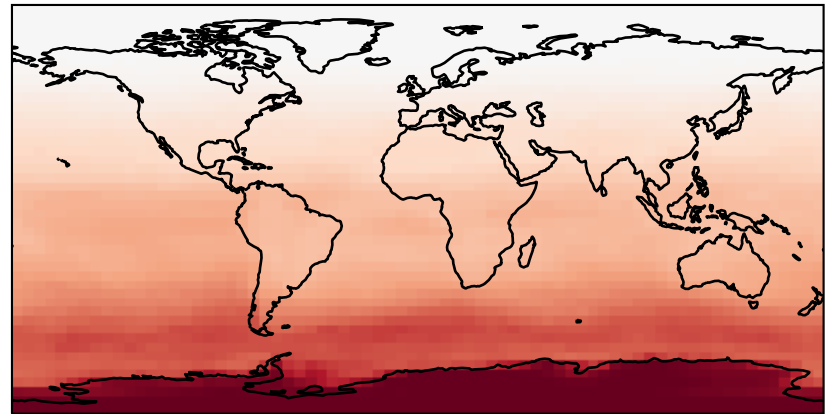
GCC\_13.0.0 (Dev)  
4.0x5.0



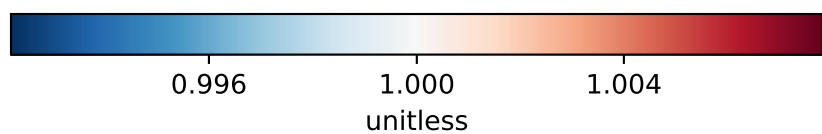
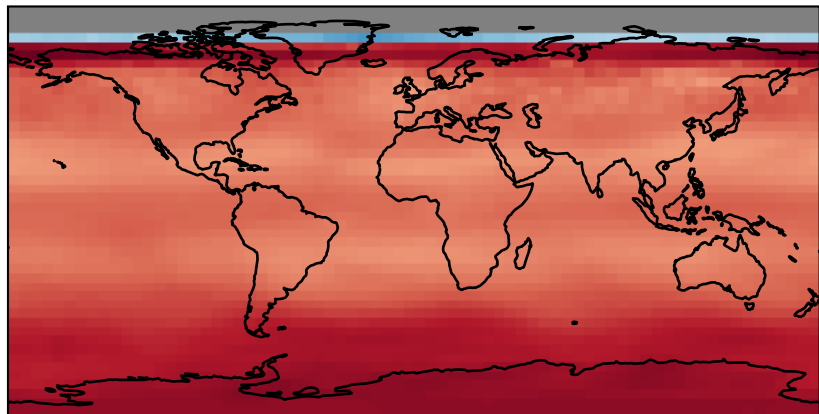
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

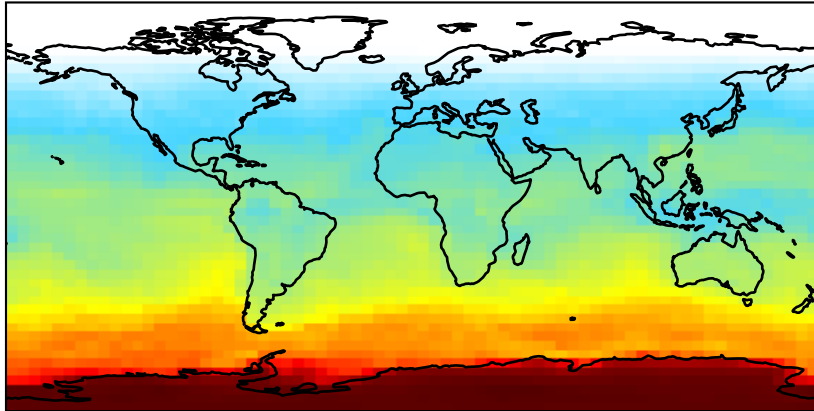


Ratio  
Dev/Ref, Fixed Range

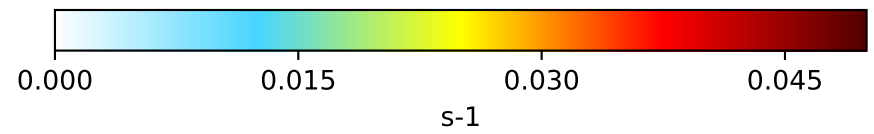
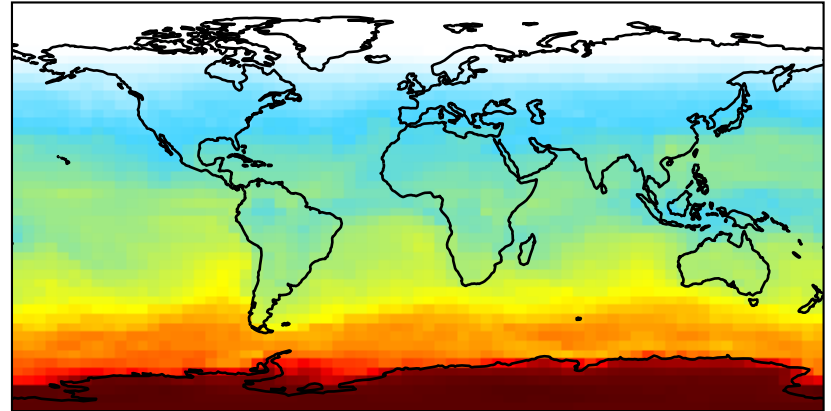


# Jval\_Br2 (Jan2019)

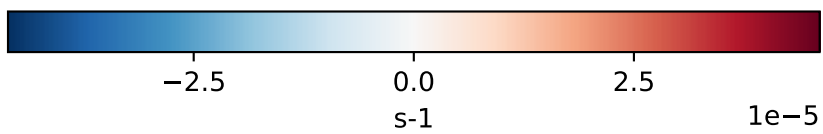
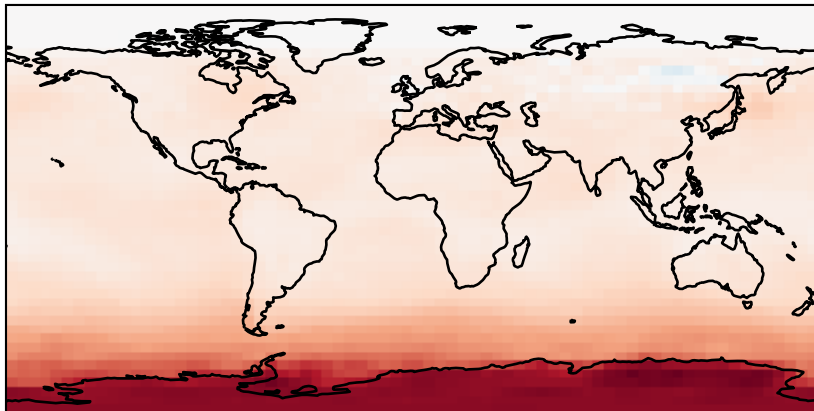
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



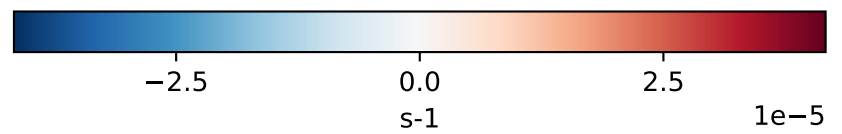
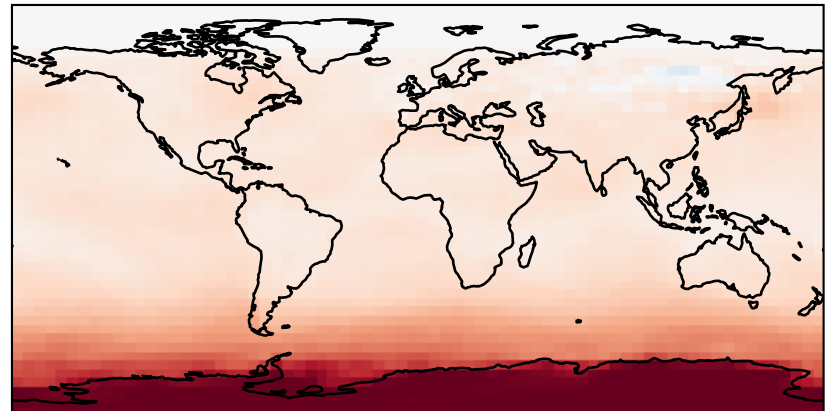
GCC\_13.0.0 (Dev)  
4.0x5.0



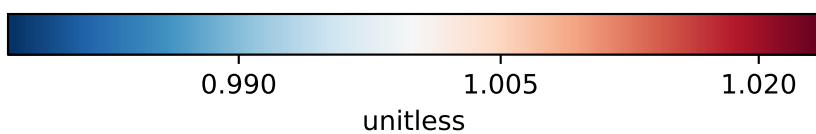
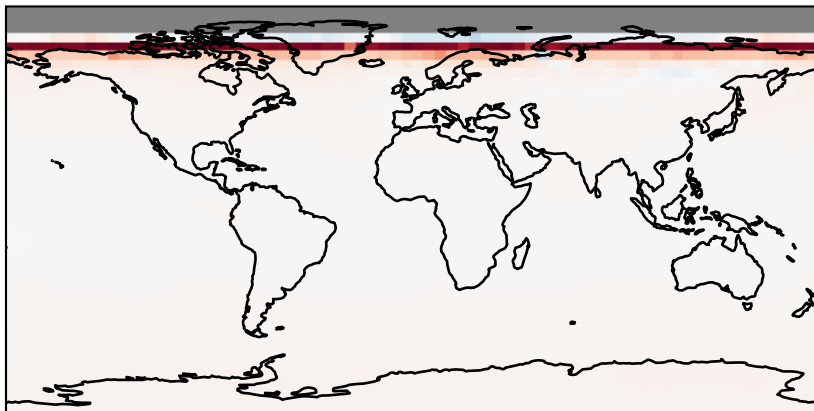
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

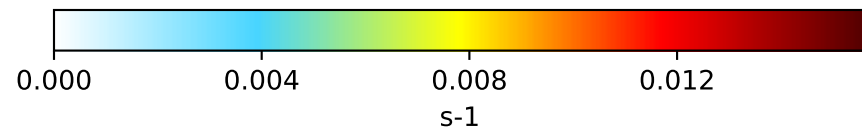
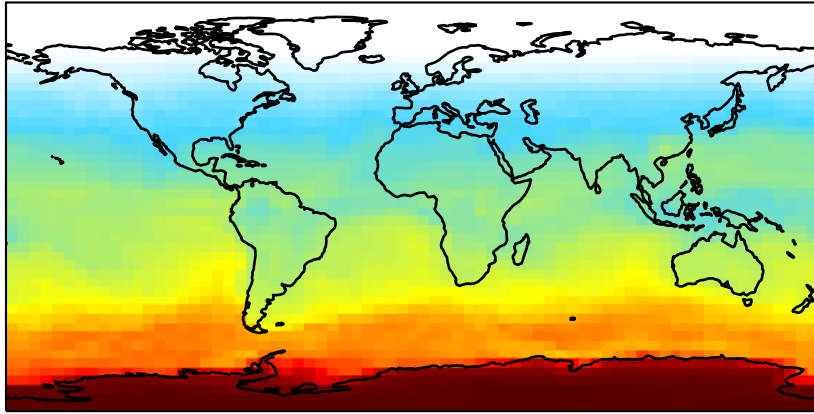


Ratio  
Dev/Ref, Fixed Range

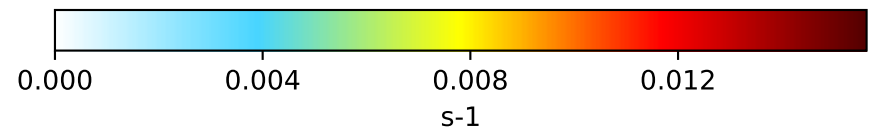
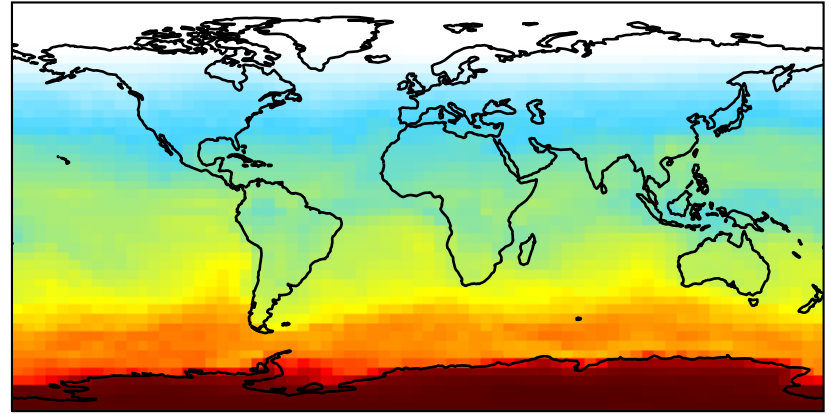


# Jval\_BrCI (Jan2019)

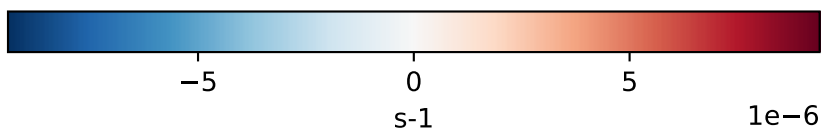
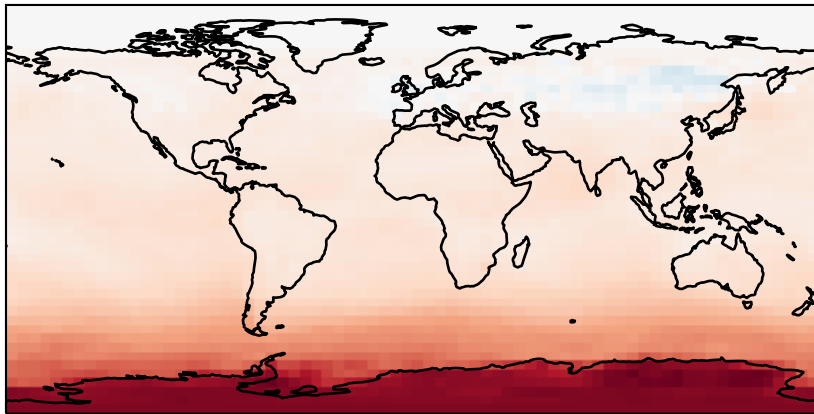
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



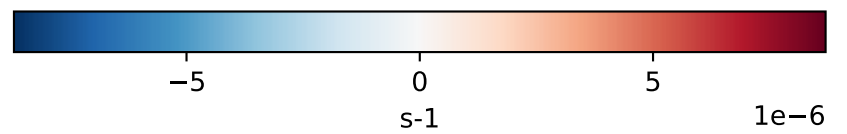
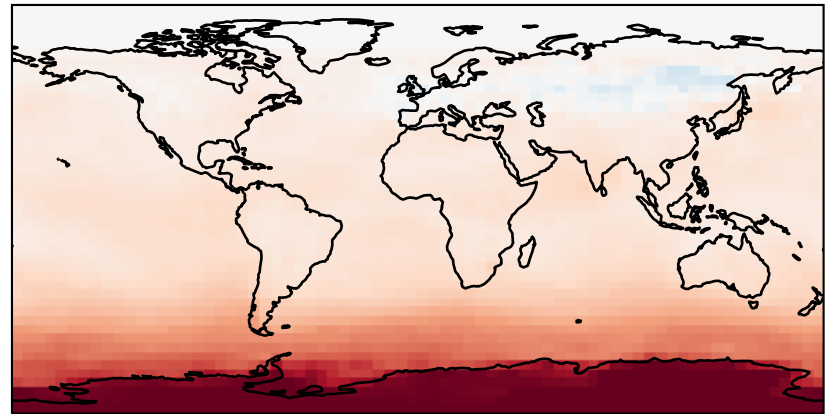
GCC\_13.0.0 (Dev)  
4.0x5.0



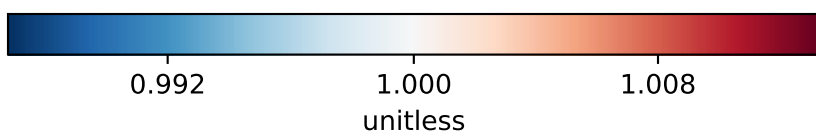
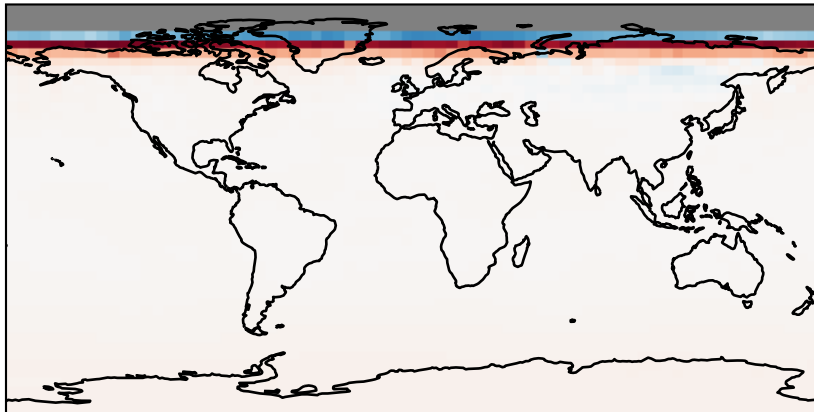
Difference  
Dev - Ref, Dynamic Range



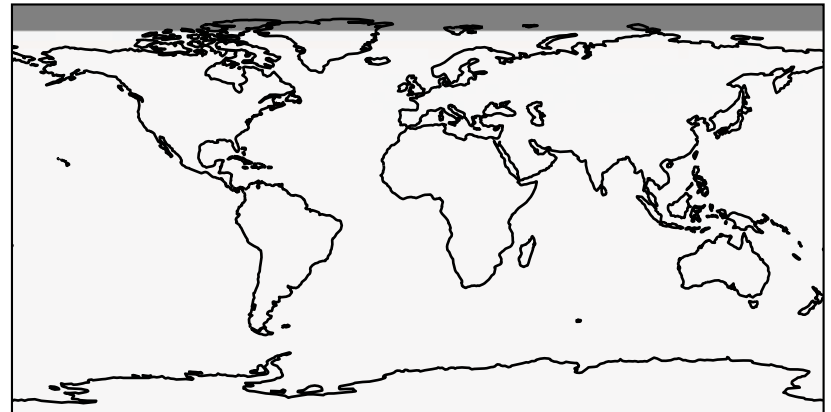
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



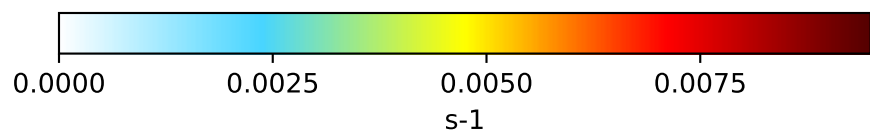
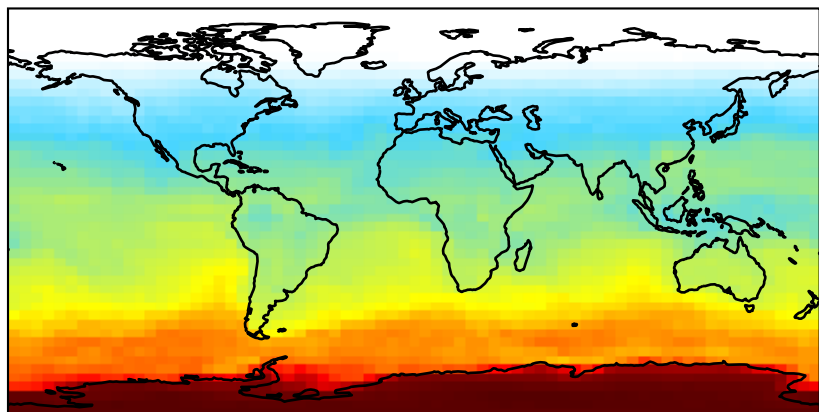
Ratio  
Dev/Ref, Fixed Range



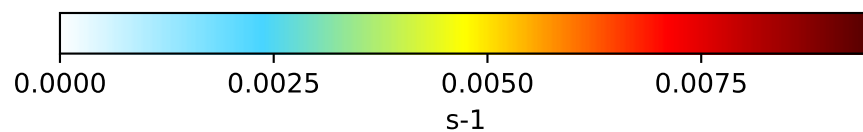
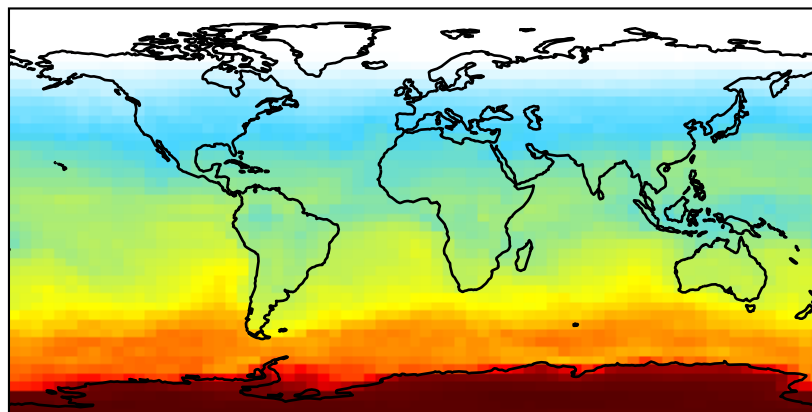


# Jval\_BrNO2 (Jan2019)

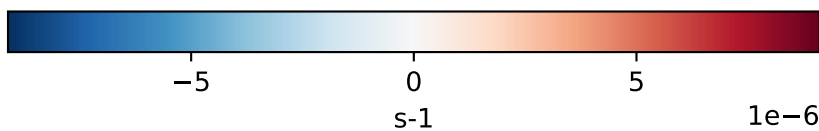
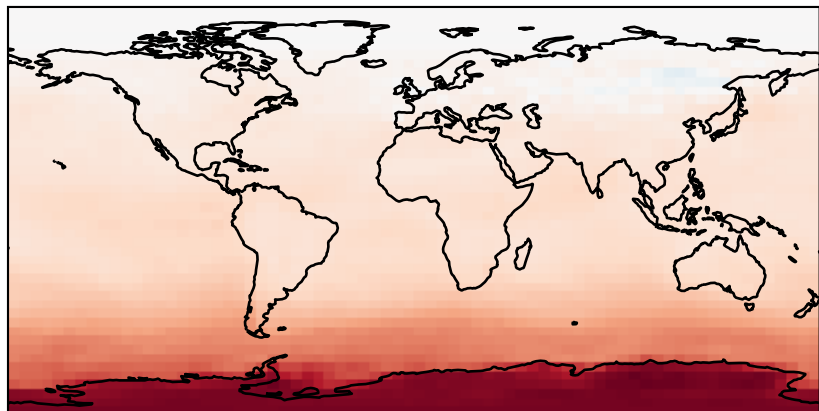
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



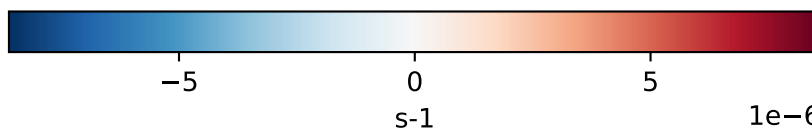
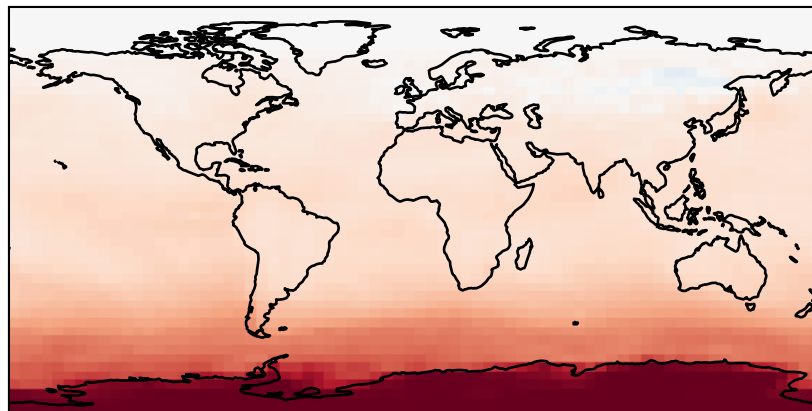
GCC\_13.0.0 (Dev)  
4.0x5.0



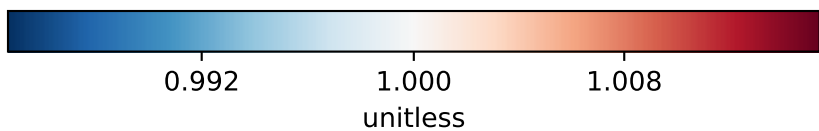
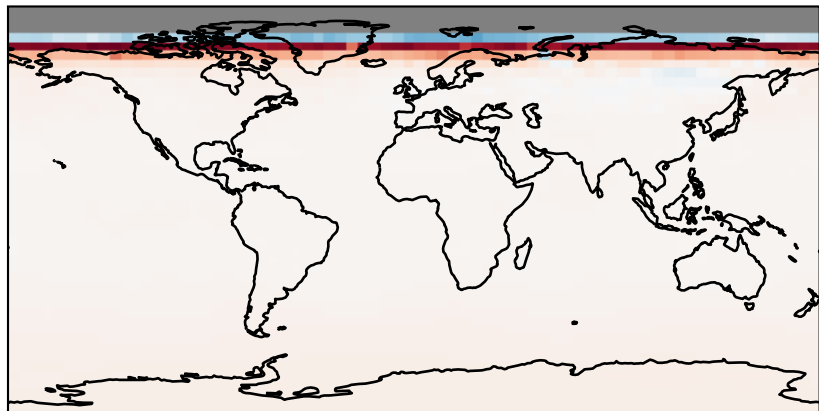
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

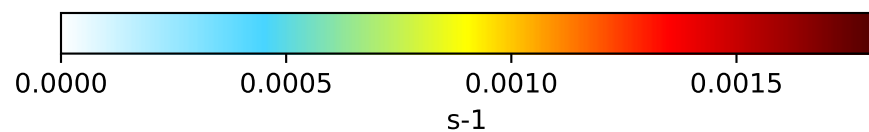
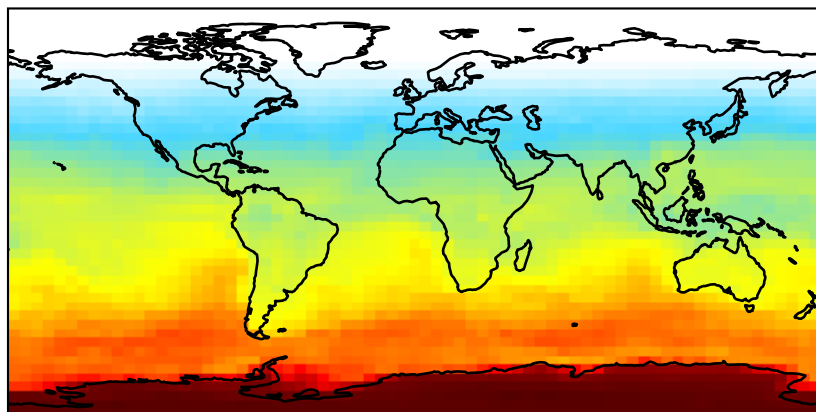


Ratio  
Dev/Ref, Fixed Range

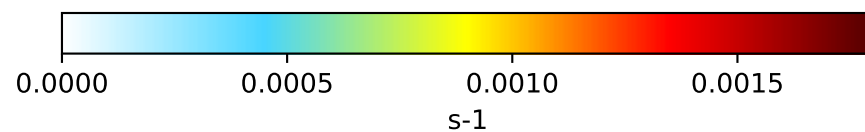
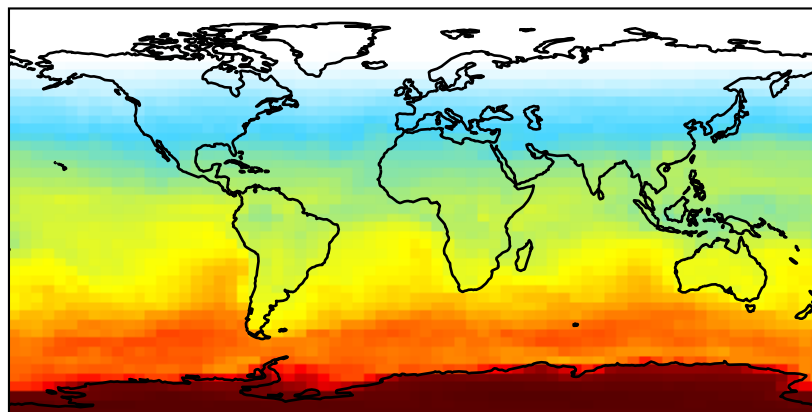


# Jval\_BrNO3 (Jan2019)

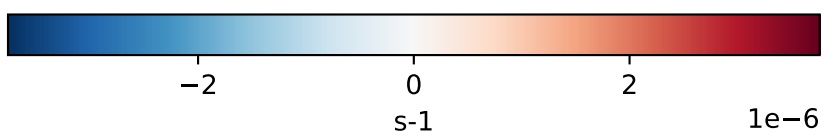
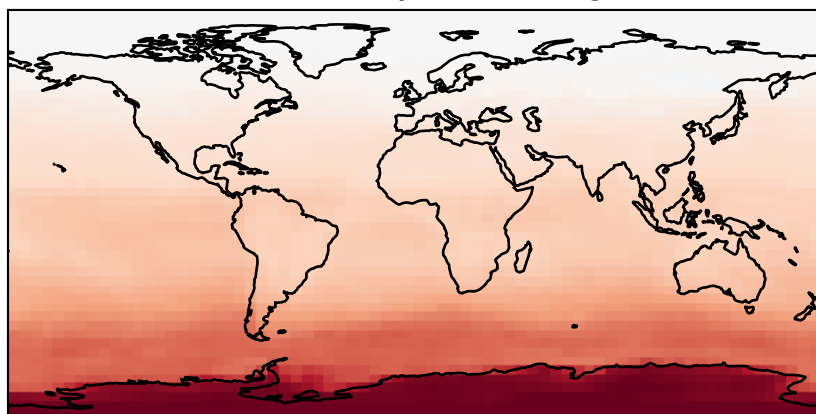
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



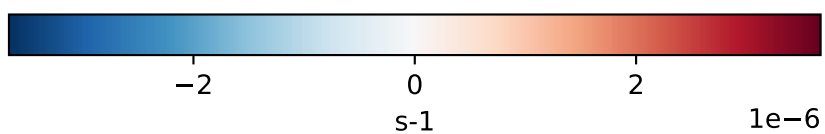
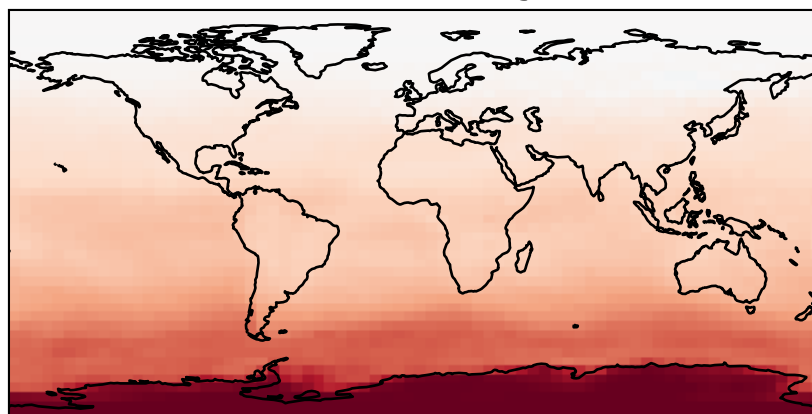
GCC\_13.0.0 (Dev)  
4.0x5.0



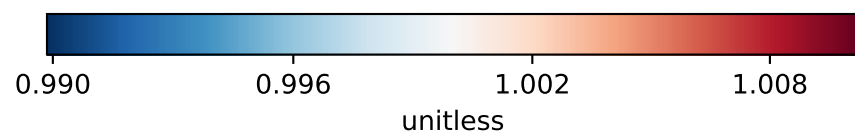
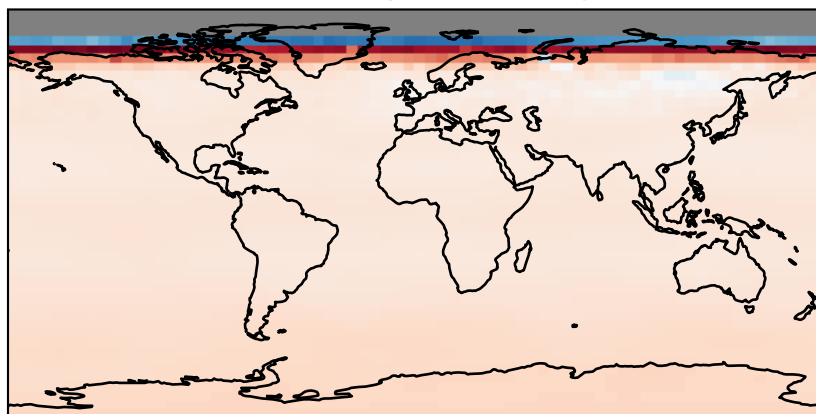
Difference  
Dev - Ref, Dynamic Range



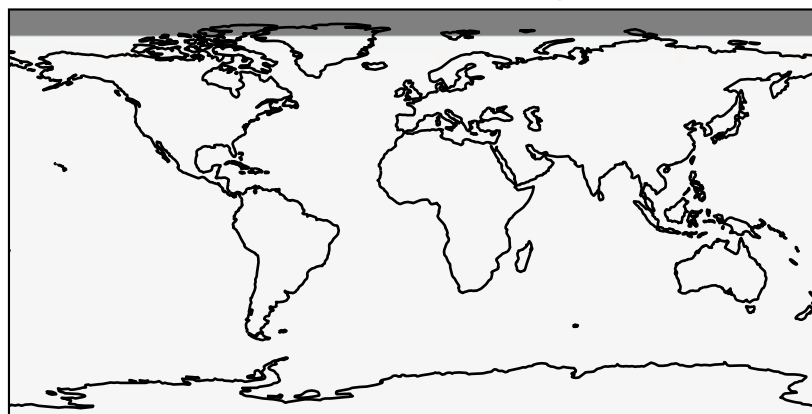
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

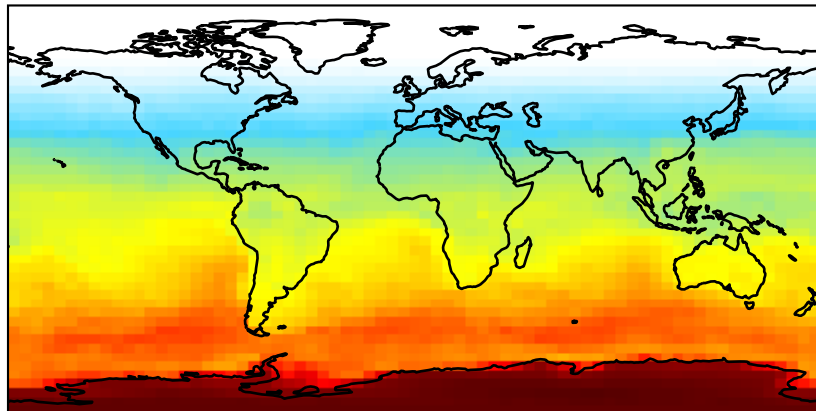


Ratio  
Dev/Ref, Fixed Range

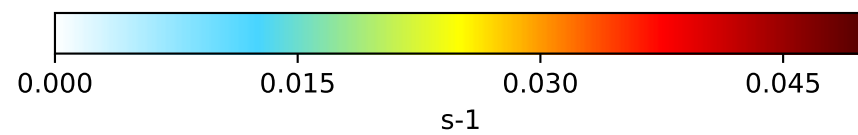
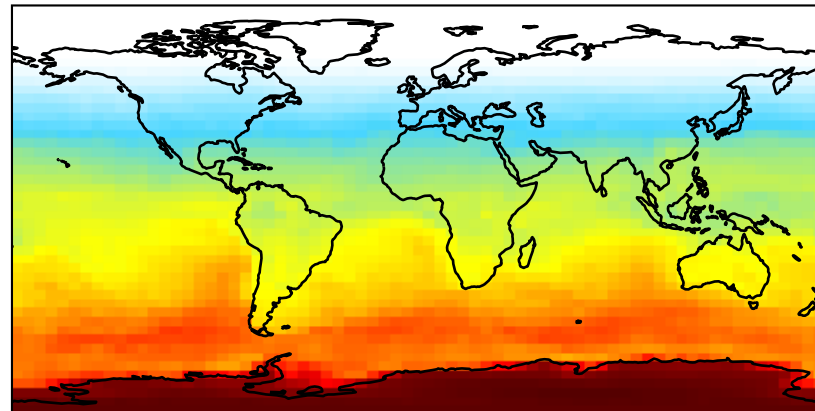


# Jval\_BrO (Jan2019)

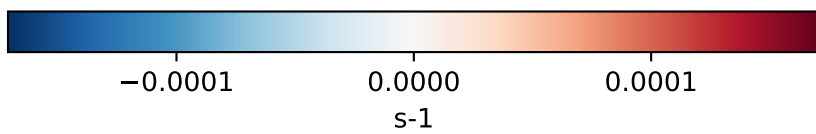
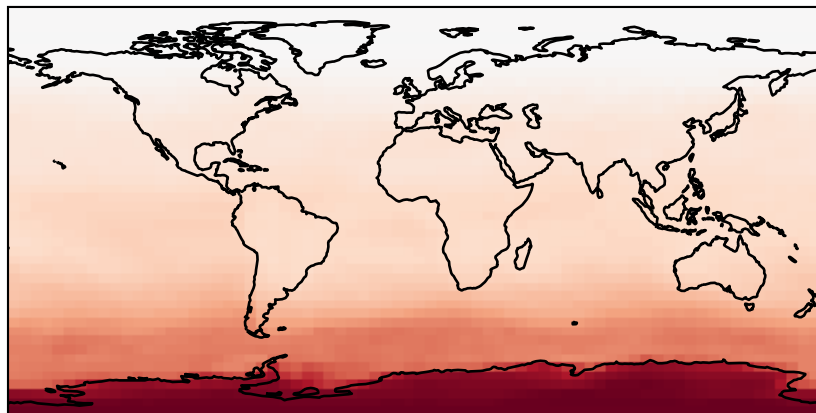
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



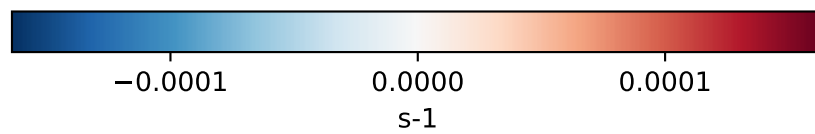
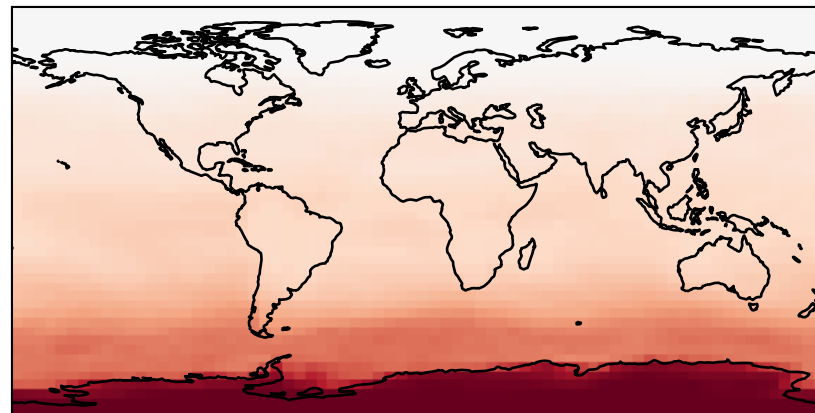
GCC\_13.0.0 (Dev)  
4.0x5.0



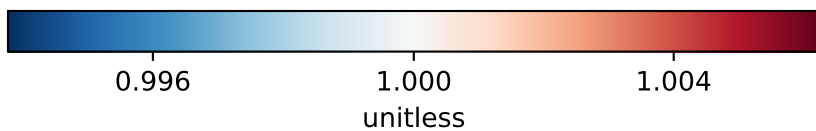
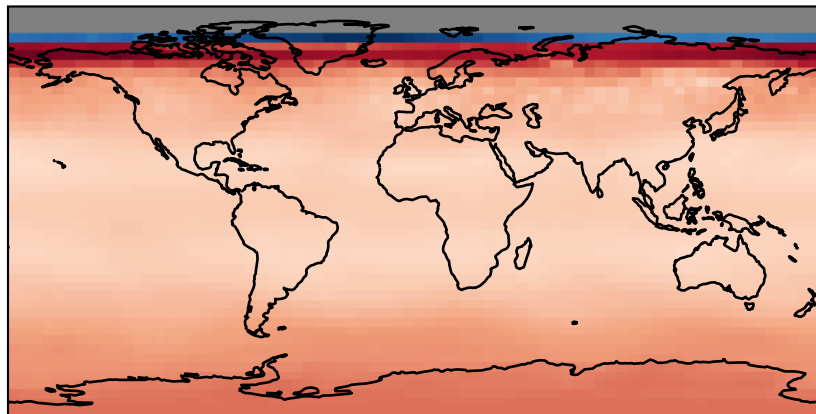
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

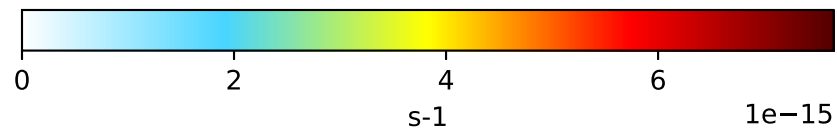
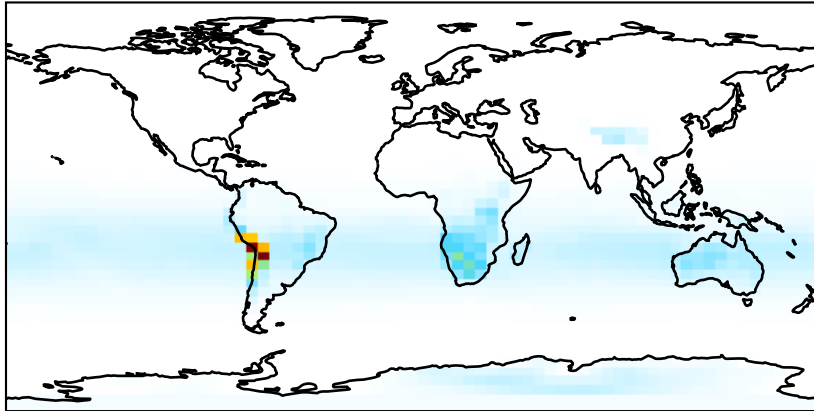


Ratio  
Dev/Ref, Fixed Range

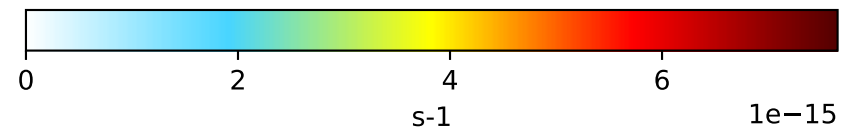
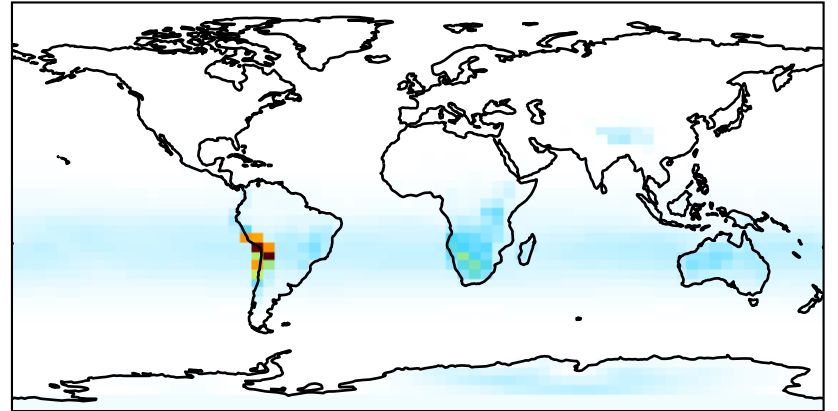


# Jval\_CCI4 (Jan2019)

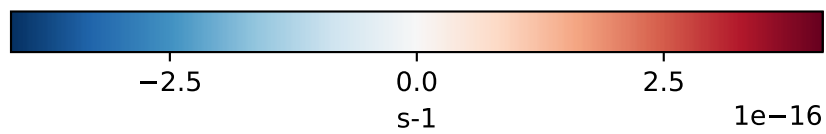
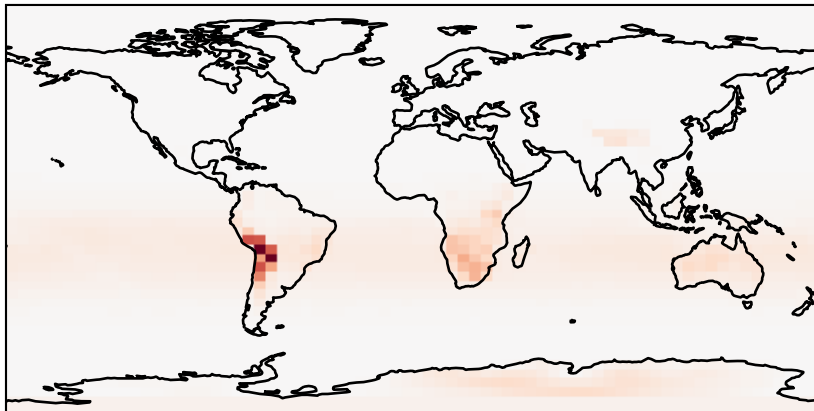
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



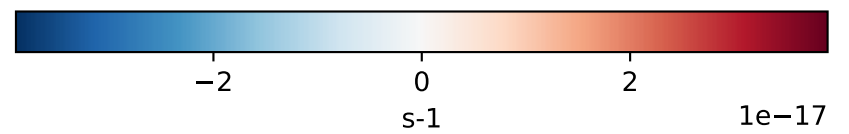
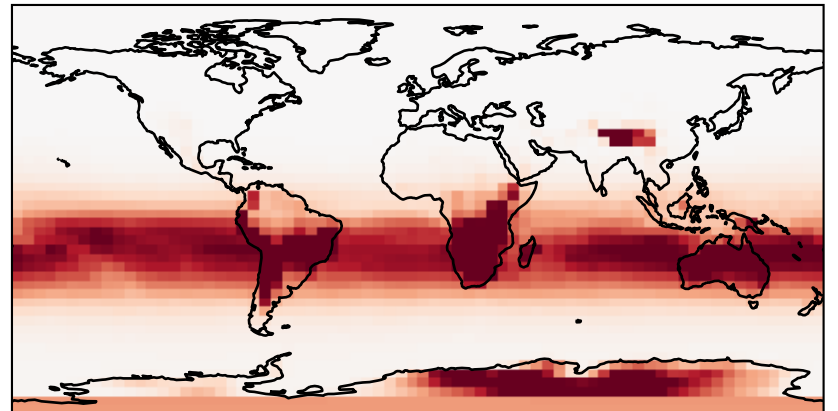
GCC\_13.0.0 (Dev)  
4.0x5.0



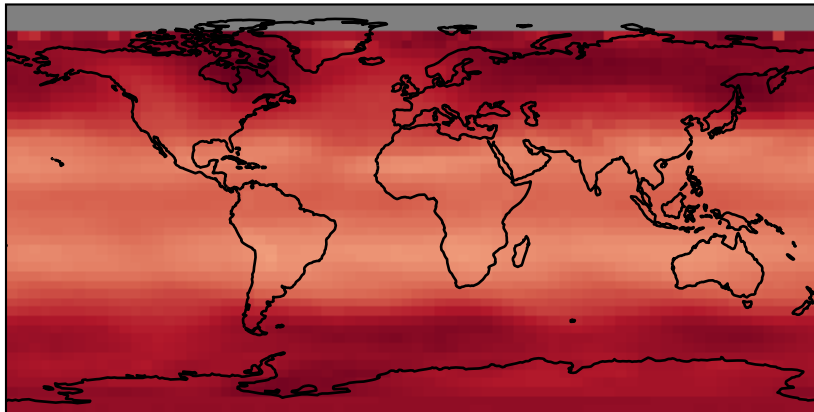
Difference  
Dev - Ref, Dynamic Range



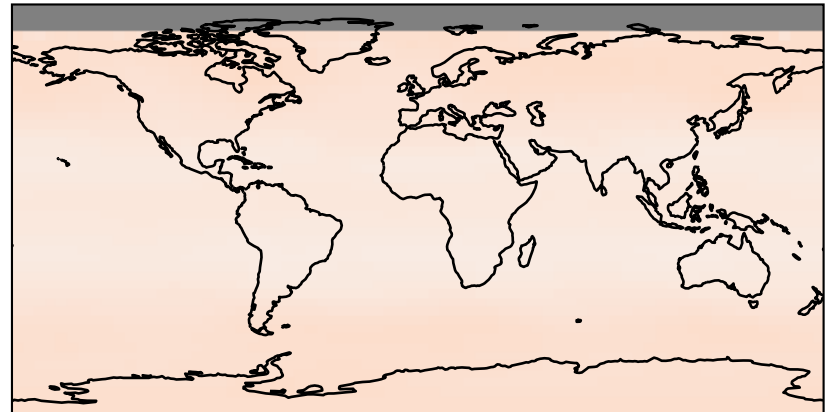
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

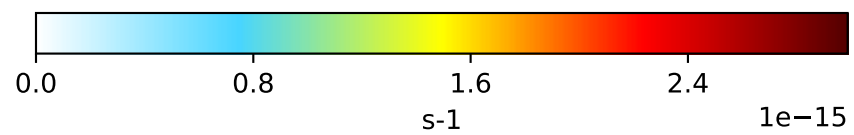
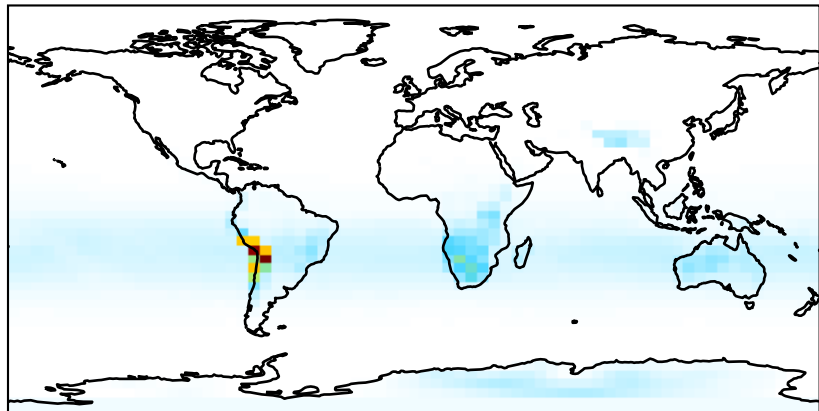


Ratio  
Dev/Ref, Fixed Range

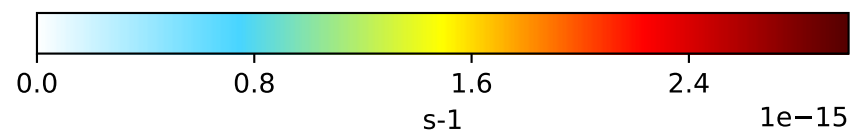
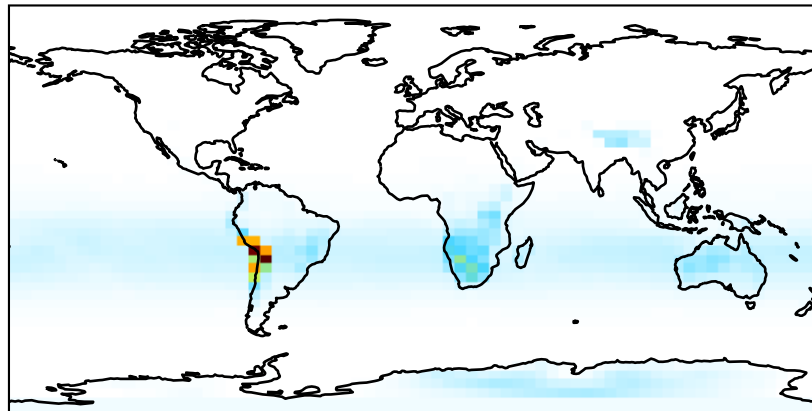


# Jval\_CFC11 (Jan2019)

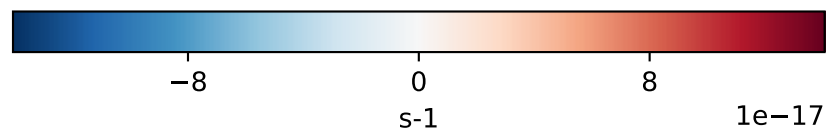
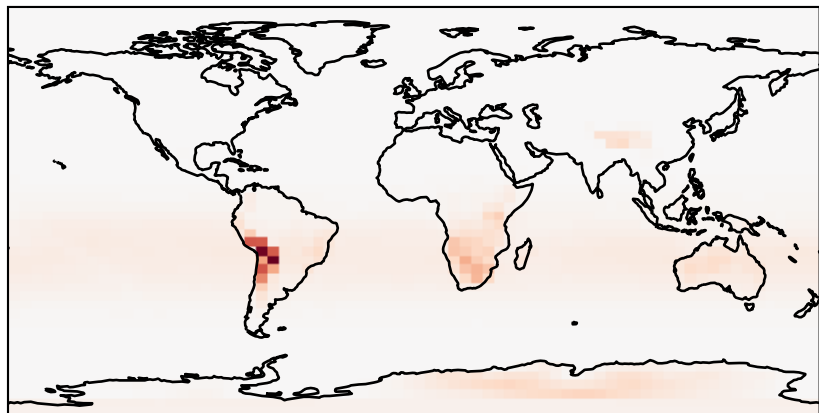
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



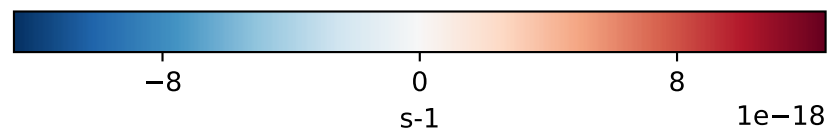
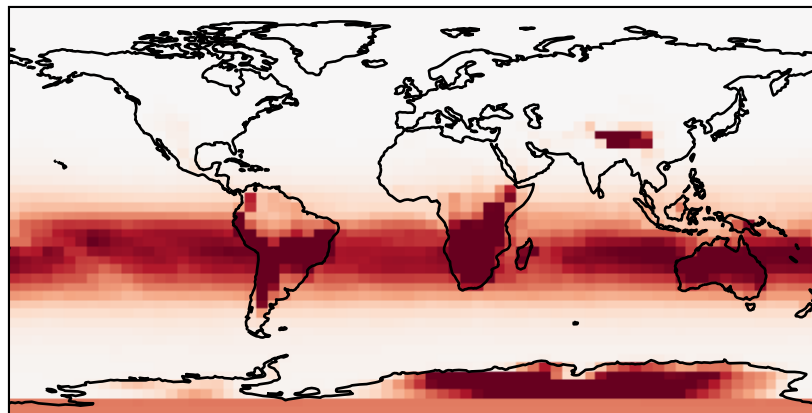
GCC\_13.0.0 (Dev)  
4.0x5.0



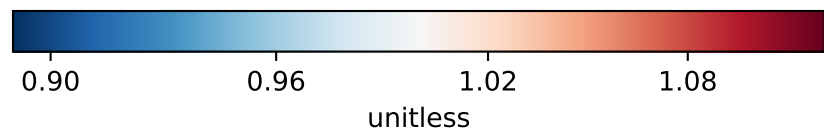
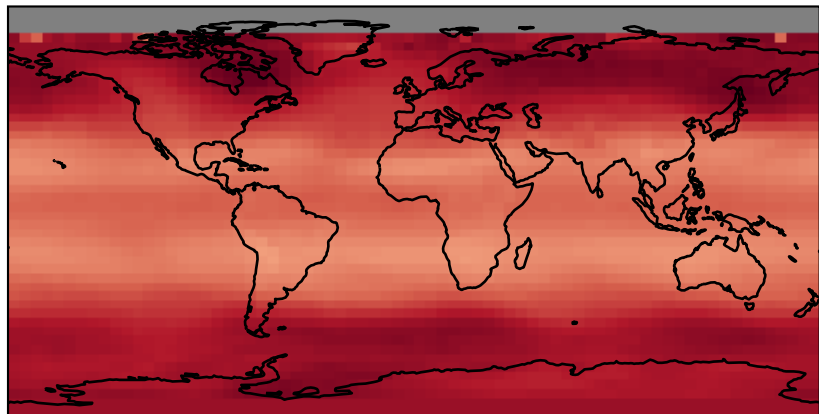
Difference  
Dev - Ref, Dynamic Range



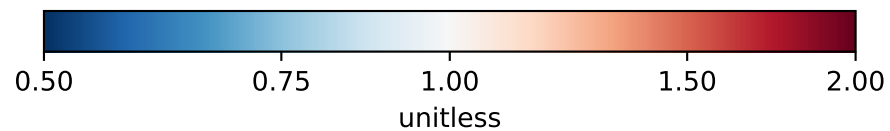
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



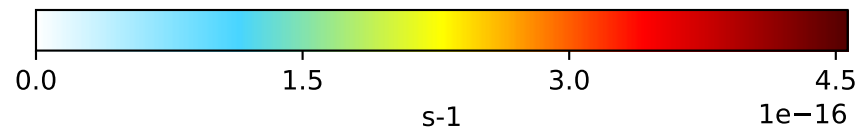
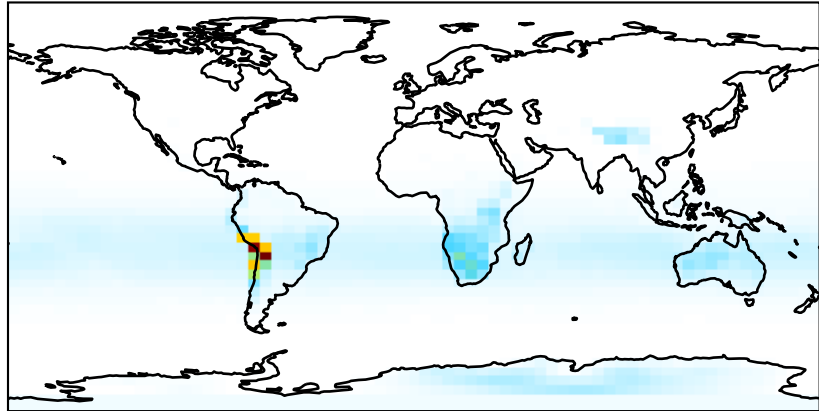
Ratio  
Dev/Ref, Fixed Range



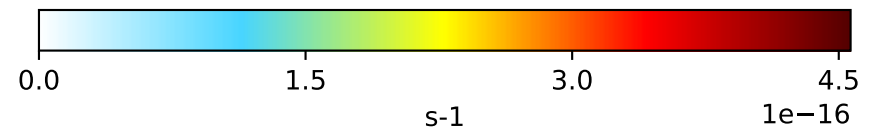
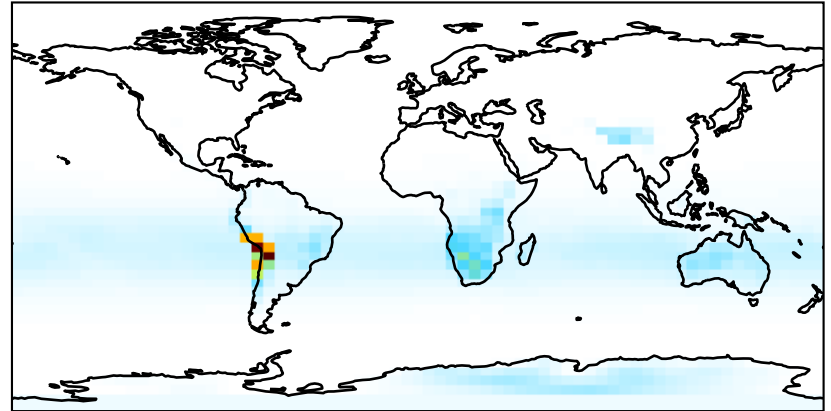


# Jval\_CFC113 (Jan2019)

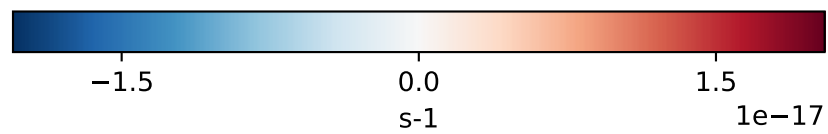
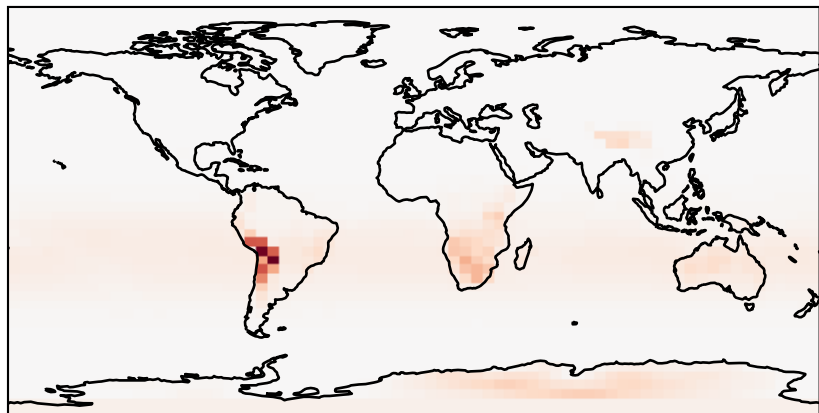
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



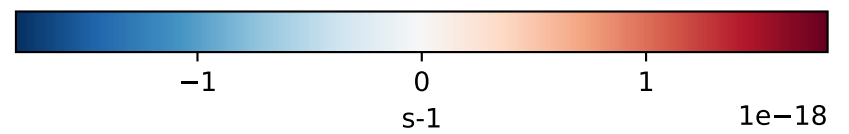
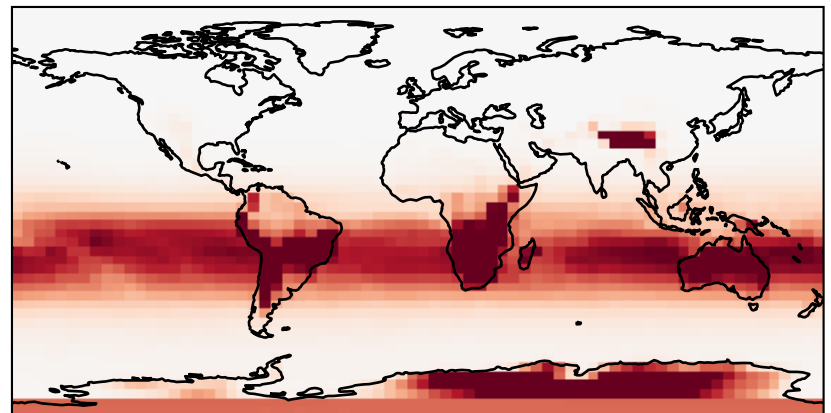
GCC\_13.0.0 (Dev)  
4.0x5.0



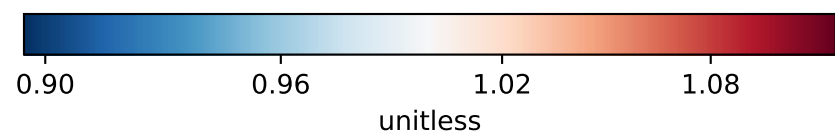
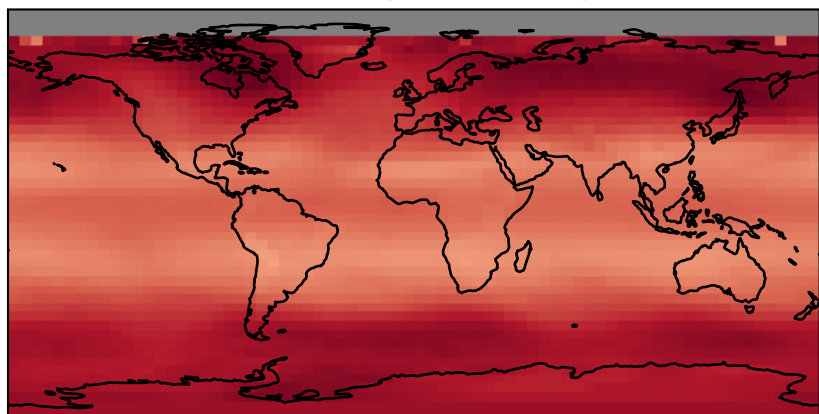
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

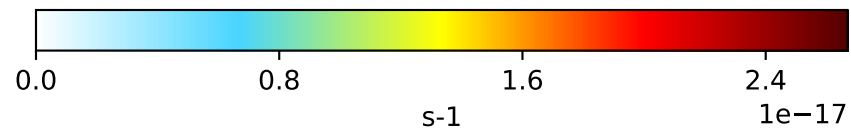
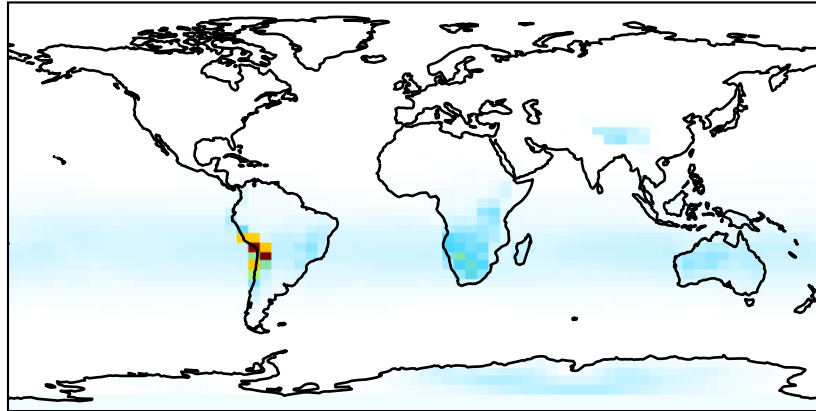


Ratio  
Dev/Ref, Fixed Range

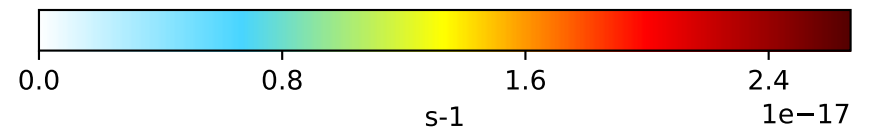
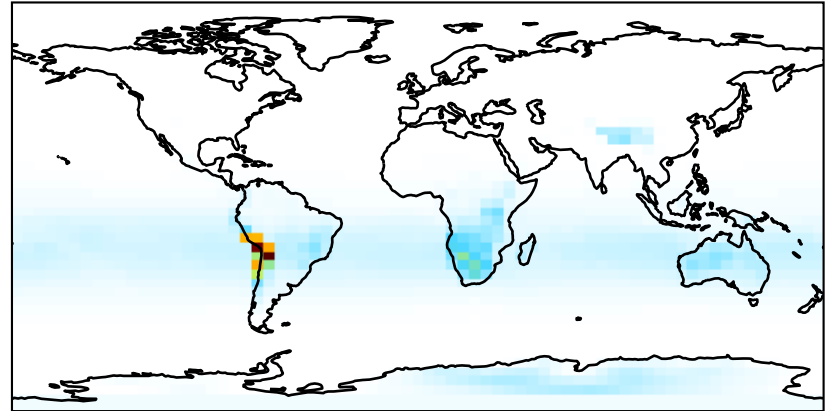


# Jval\_CFC114 (Jan2019)

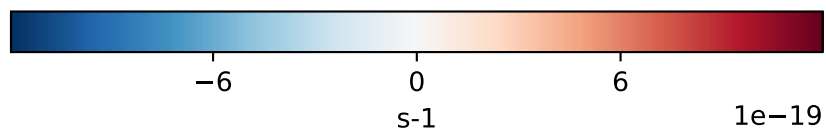
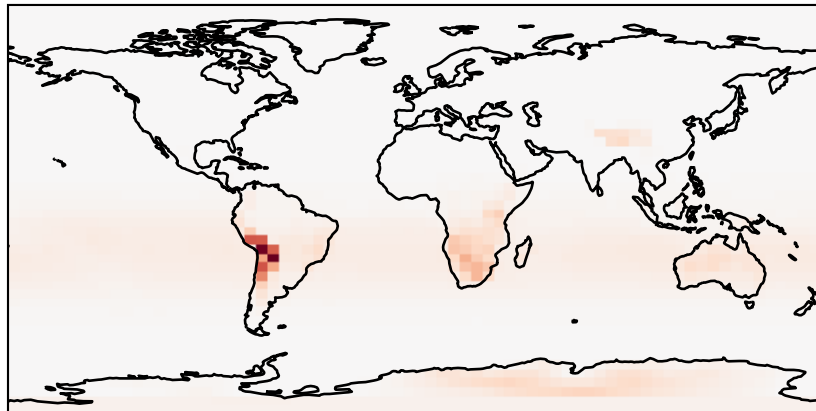
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



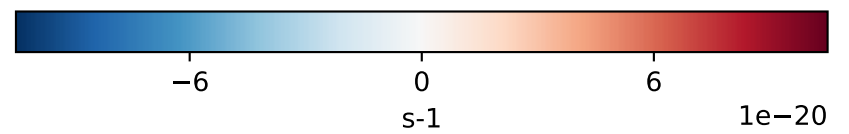
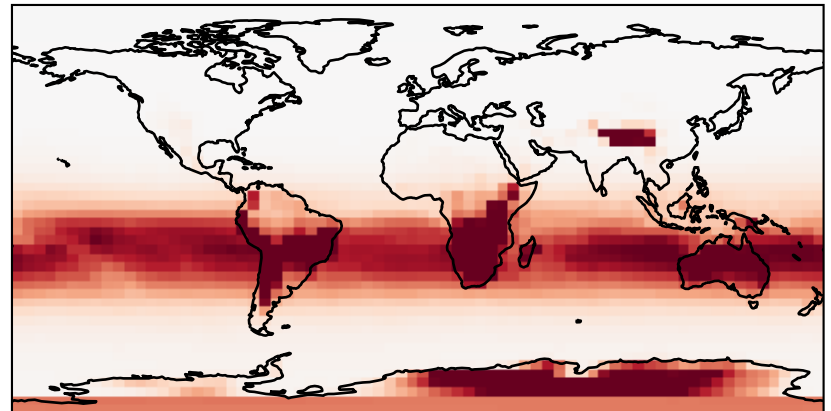
GCC\_13.0.0 (Dev)  
4.0x5.0



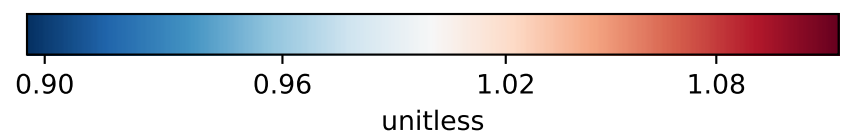
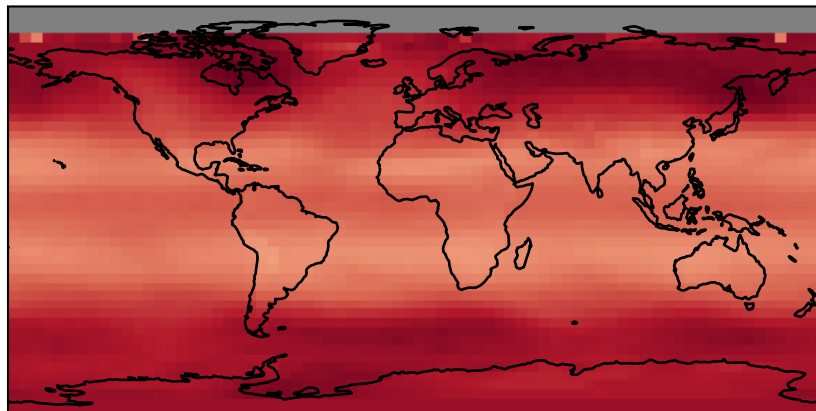
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

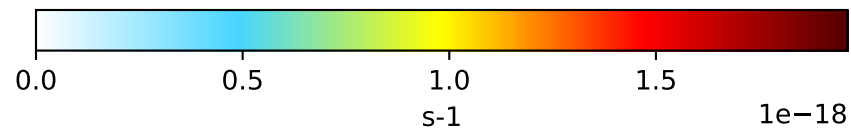
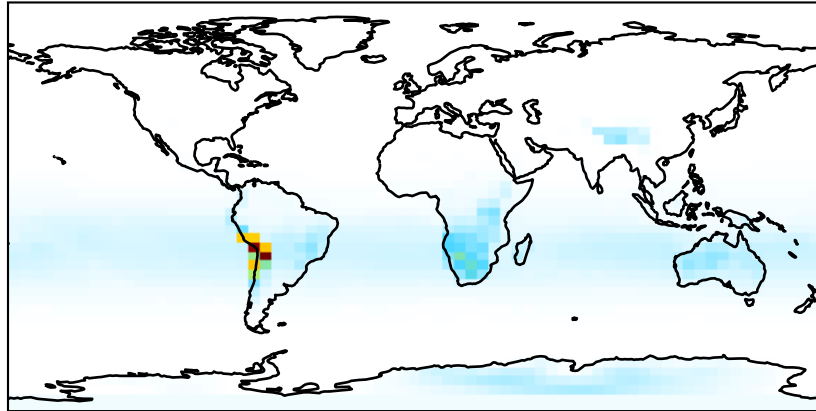


Ratio  
Dev/Ref, Fixed Range

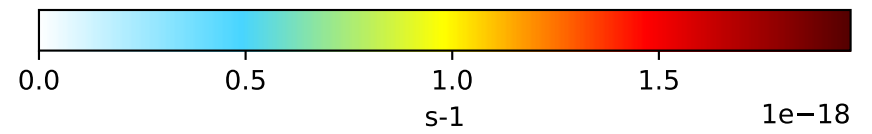
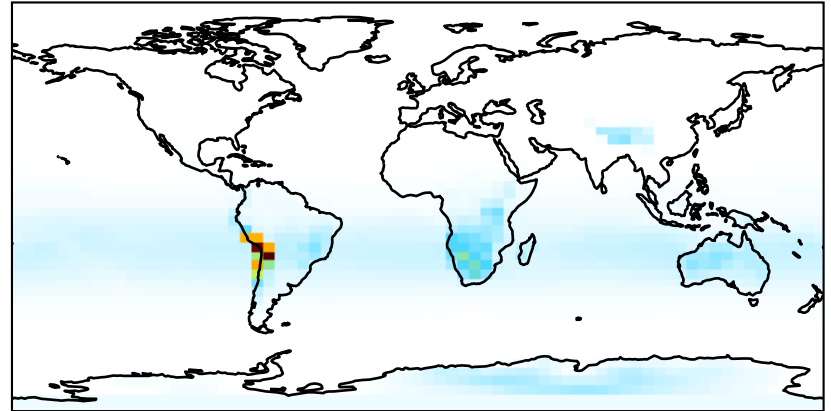


# Jval\_CFC115 (Jan2019)

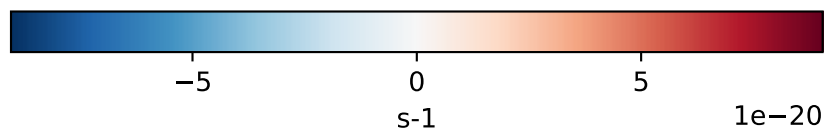
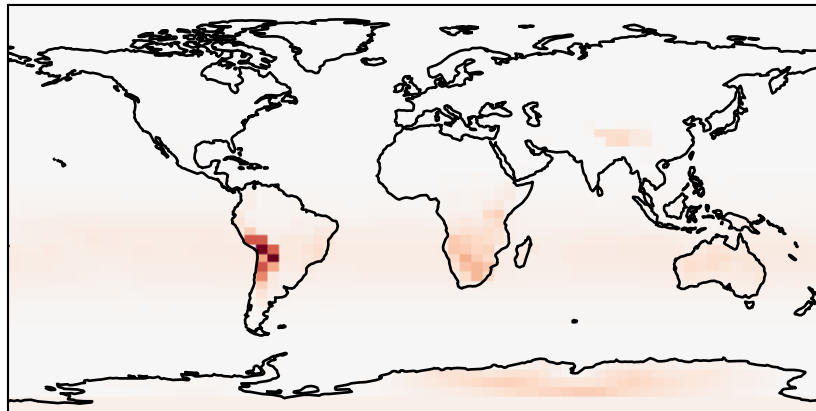
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



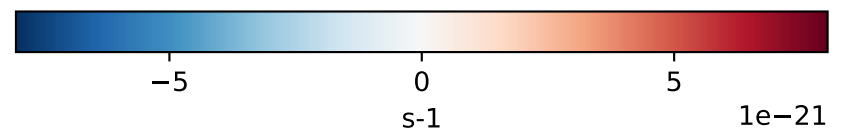
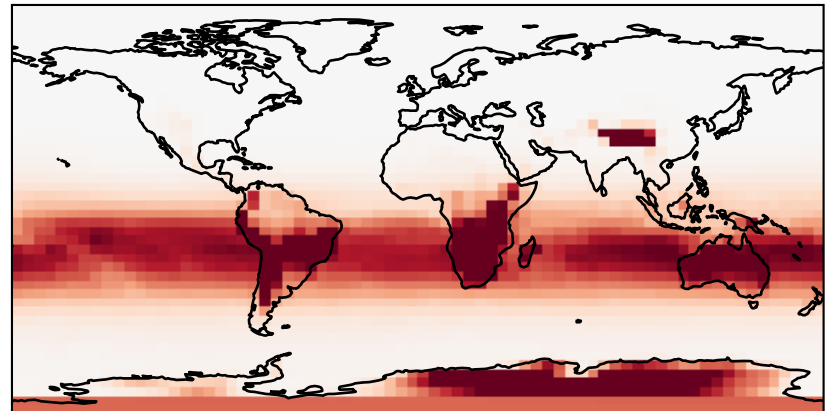
GCC\_13.0.0 (Dev)  
4.0x5.0



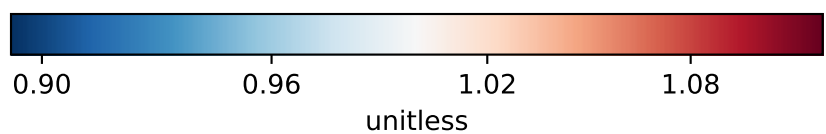
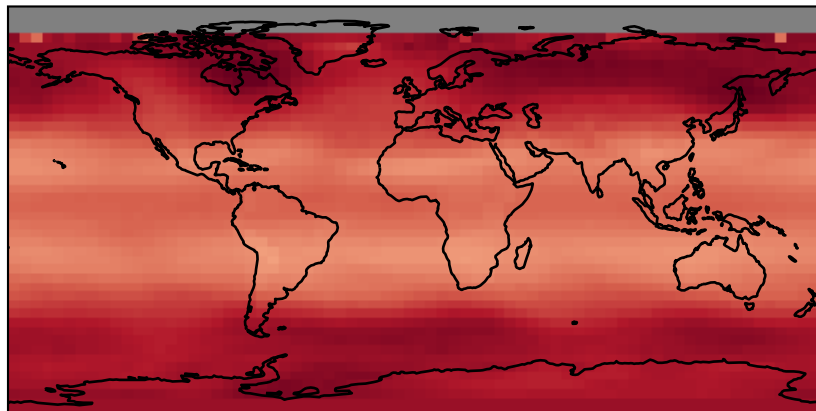
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

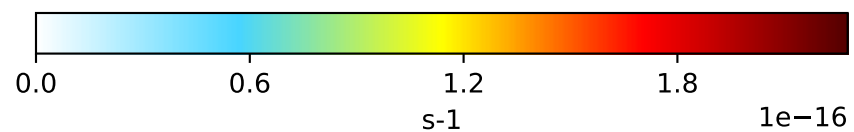
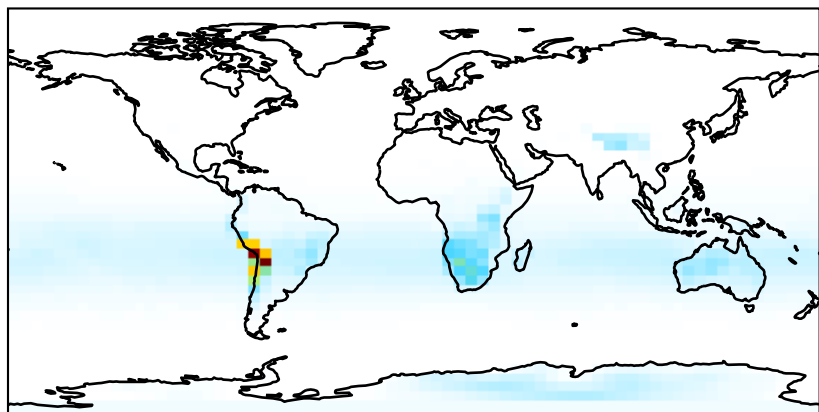


Ratio  
Dev/Ref, Fixed Range

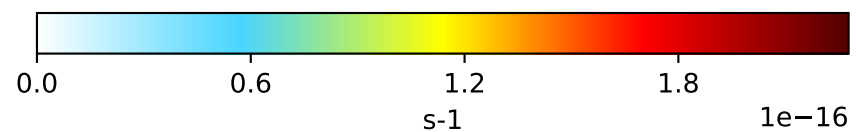
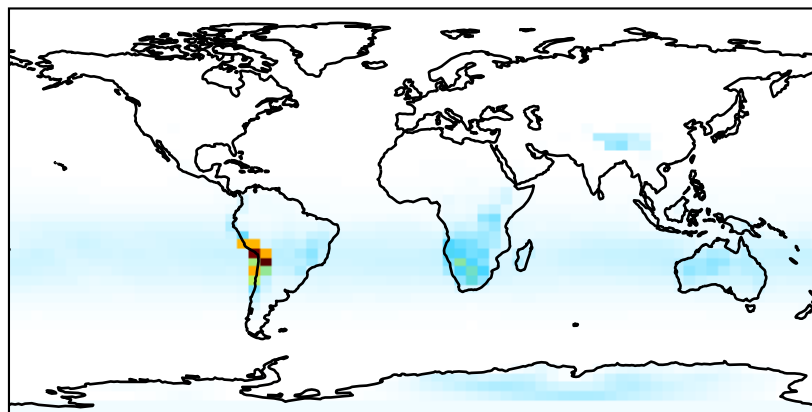


# Jval\_CFC12 (Jan2019)

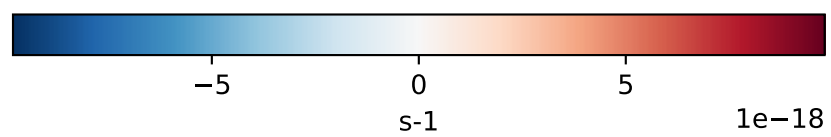
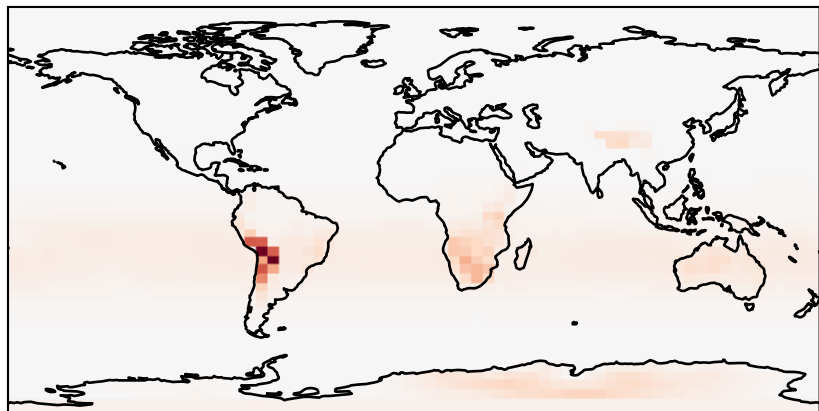
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



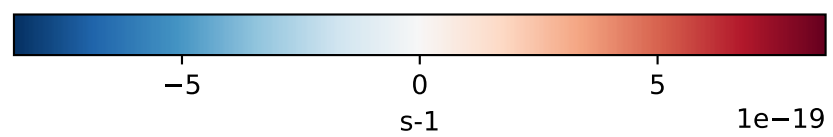
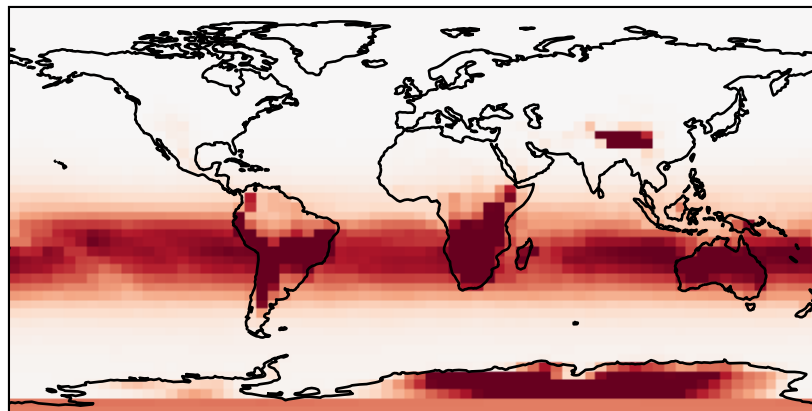
GCC\_13.0.0 (Dev)  
4.0x5.0



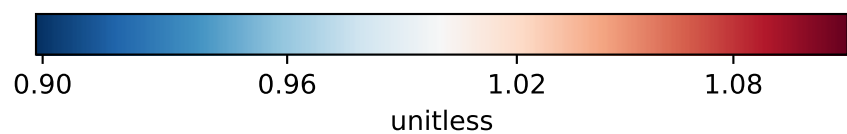
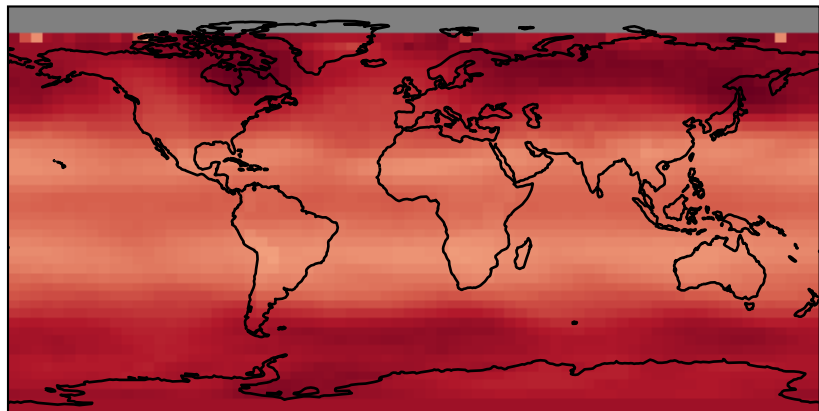
Difference  
Dev - Ref, Dynamic Range



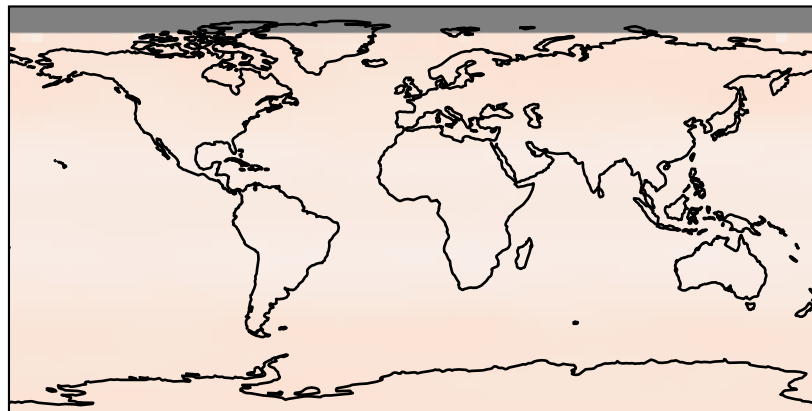
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

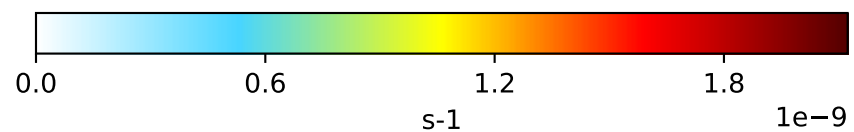
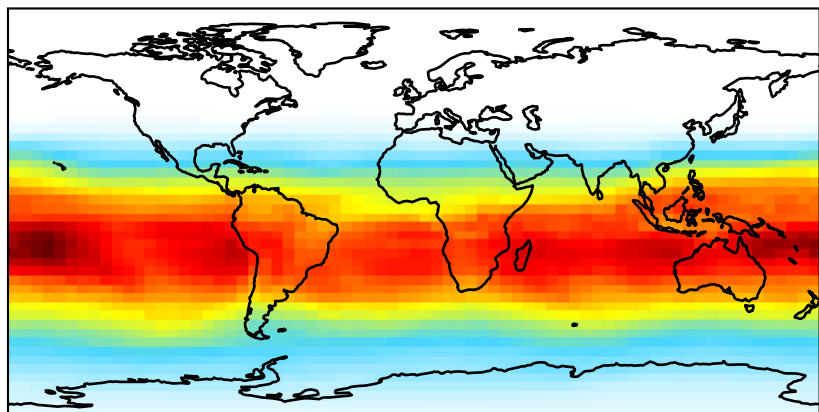


Ratio  
Dev/Ref, Fixed Range

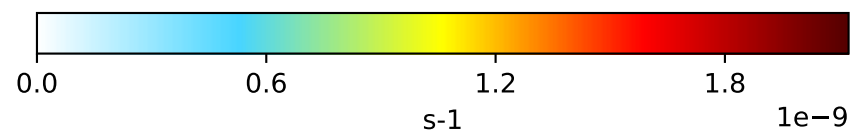
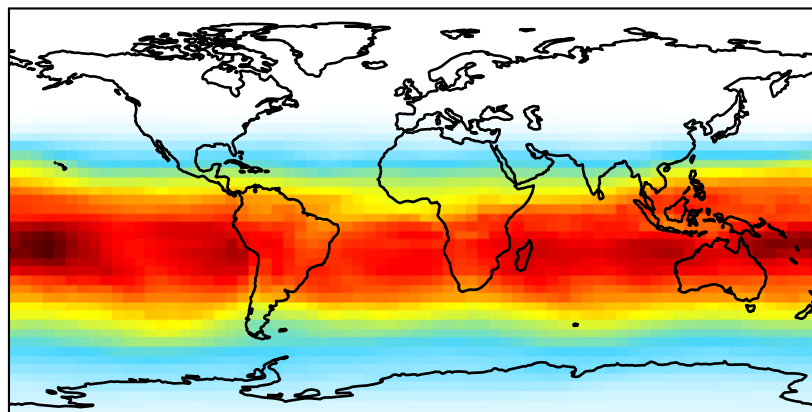


# Jval\_CH2Br2 (Jan2019)

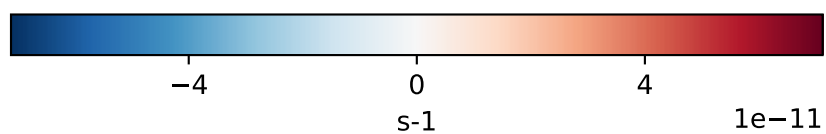
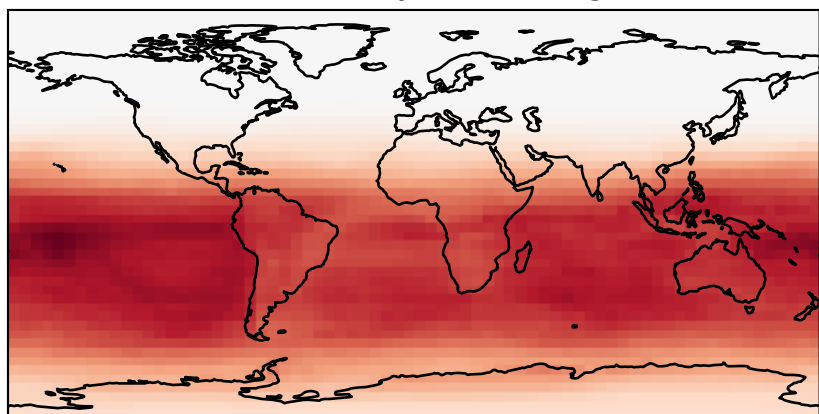
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



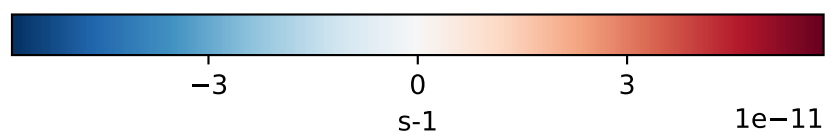
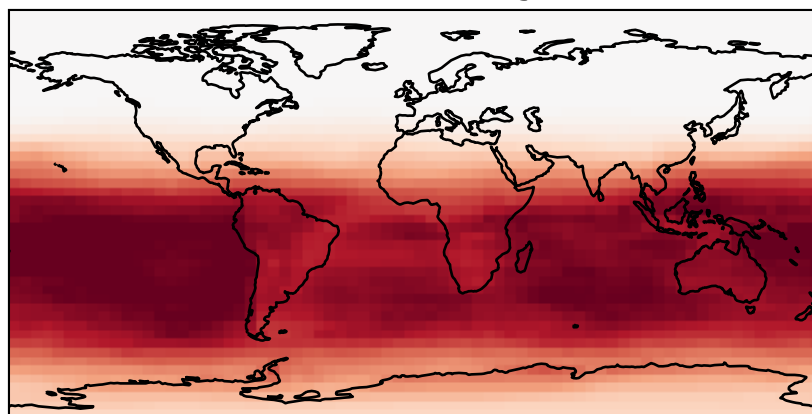
GCC\_13.0.0 (Dev)  
4.0x5.0



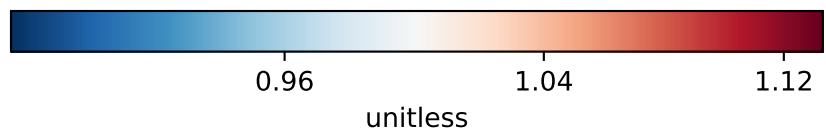
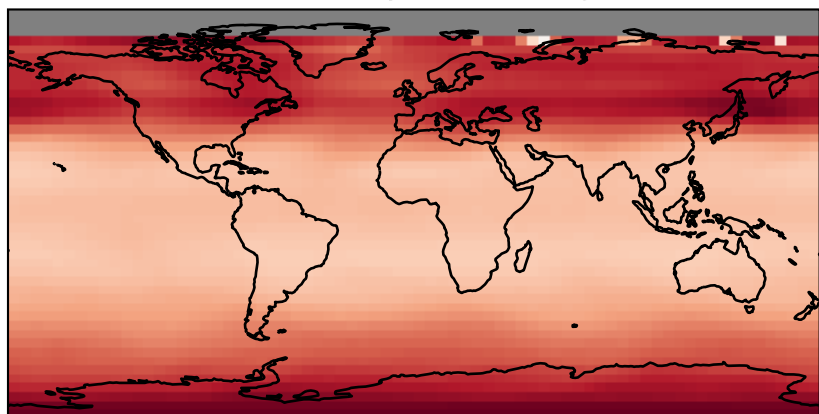
Difference  
Dev - Ref, Dynamic Range



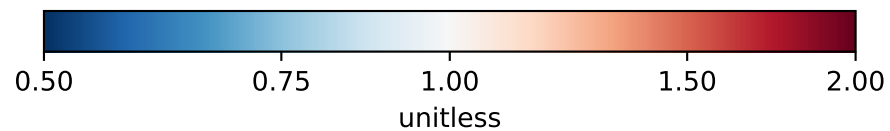
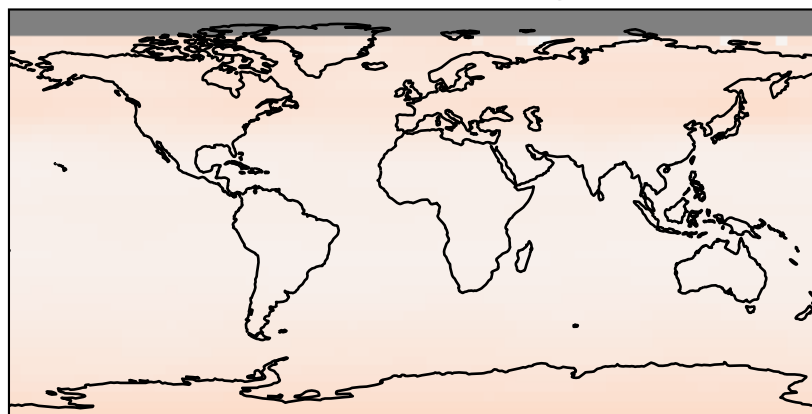
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



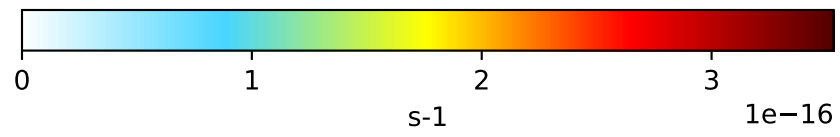
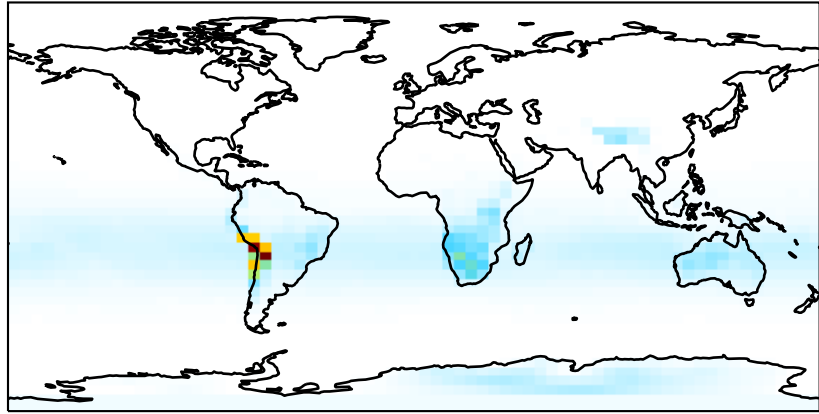
Ratio  
Dev/Ref, Fixed Range



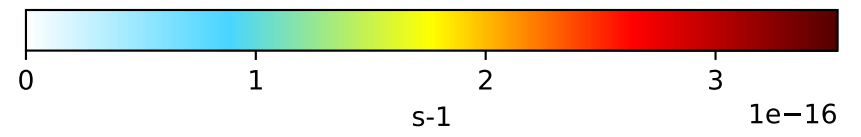
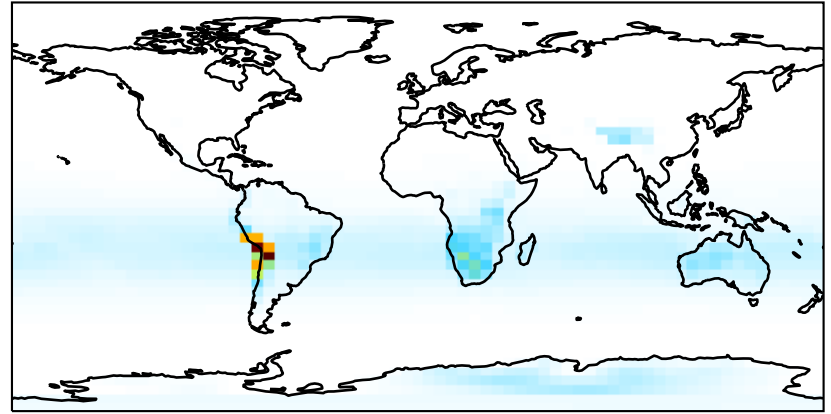


# Jval\_CH2Cl2 (Jan2019)

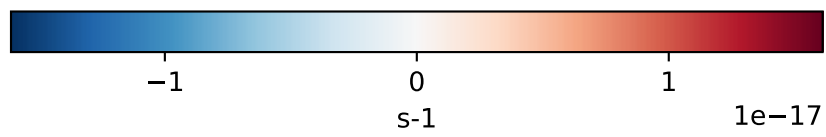
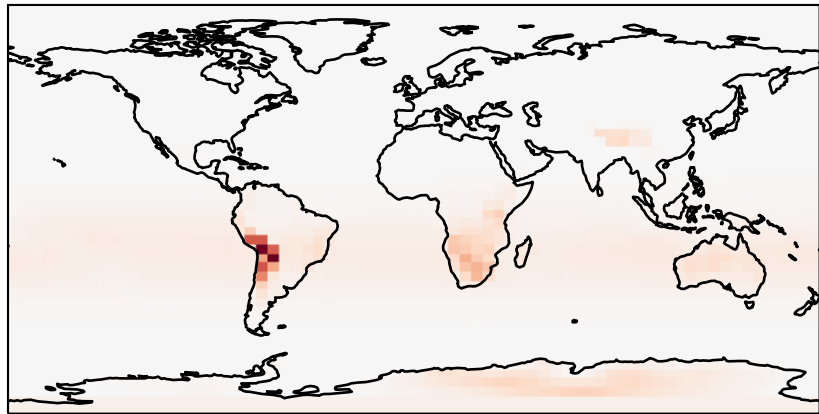
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



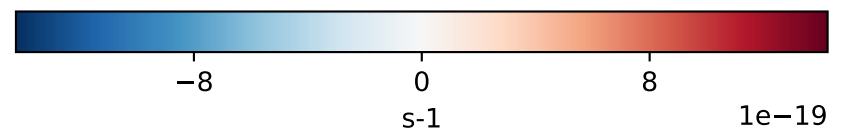
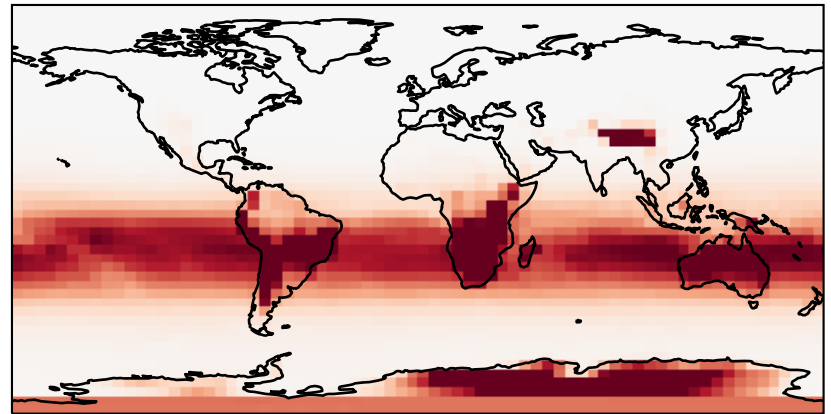
GCC\_13.0.0 (Dev)  
4.0x5.0



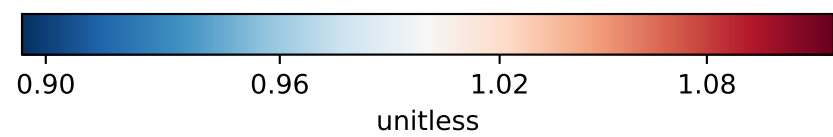
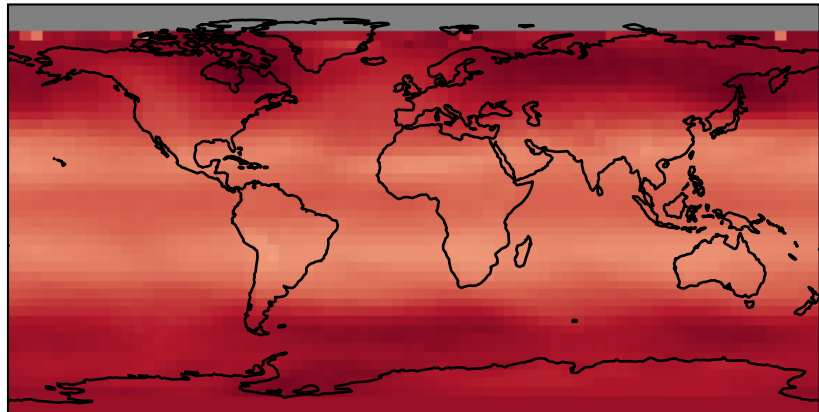
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

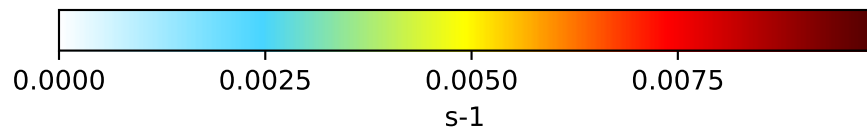
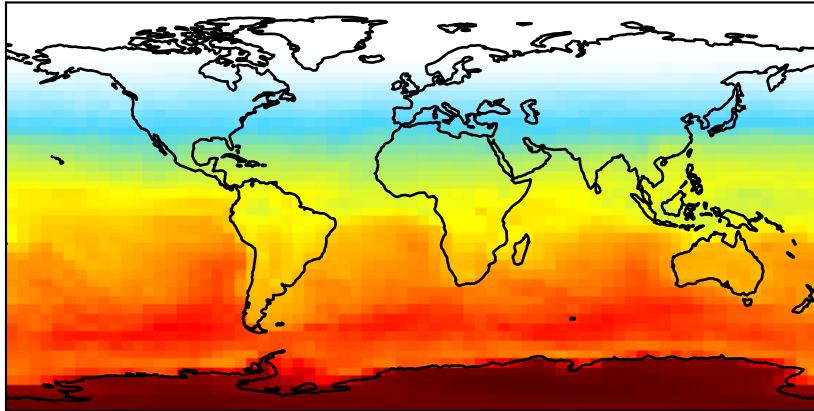


Ratio  
Dev/Ref, Fixed Range

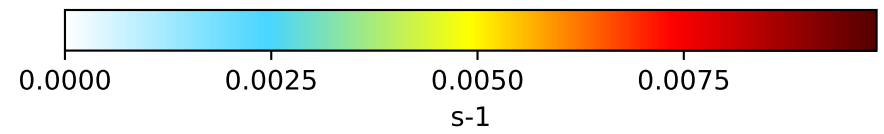
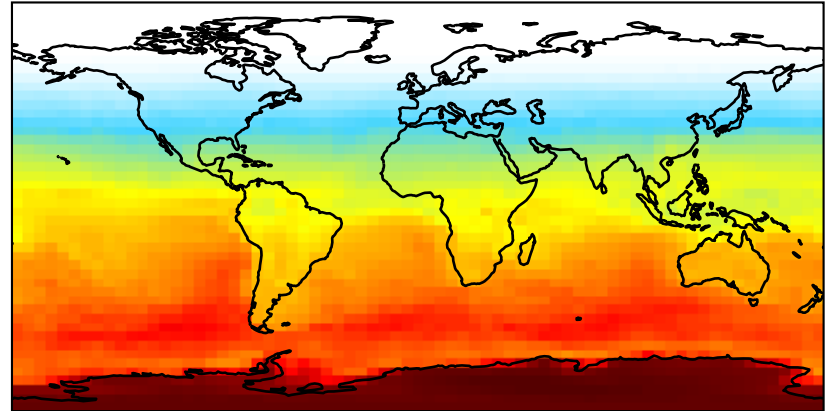


# Jval\_CH2I2 (Jan2019)

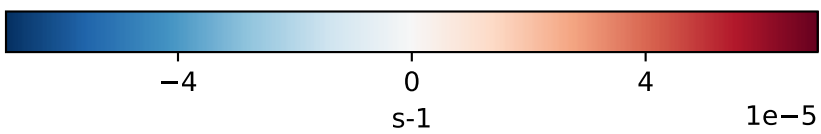
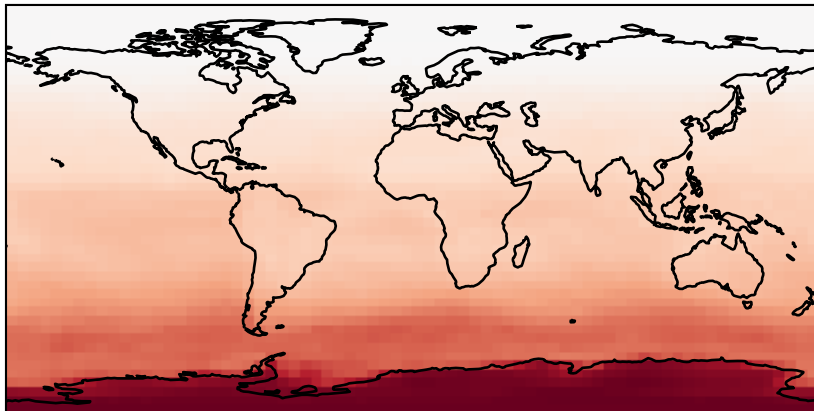
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



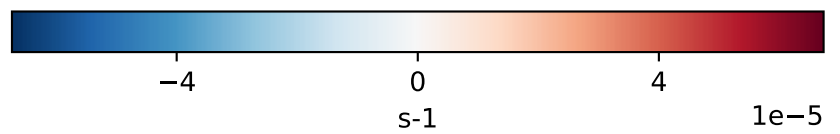
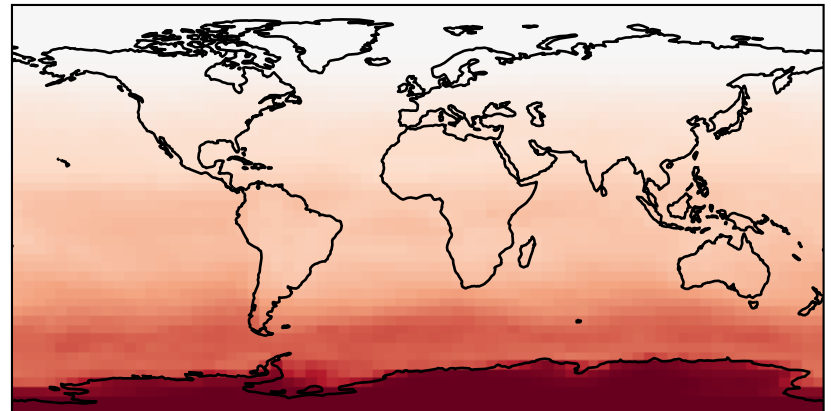
GCC\_13.0.0 (Dev)  
4.0x5.0



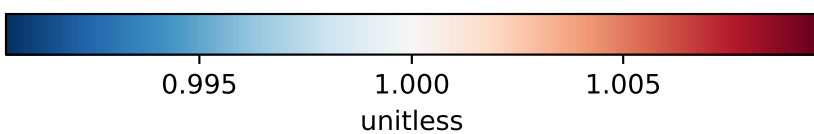
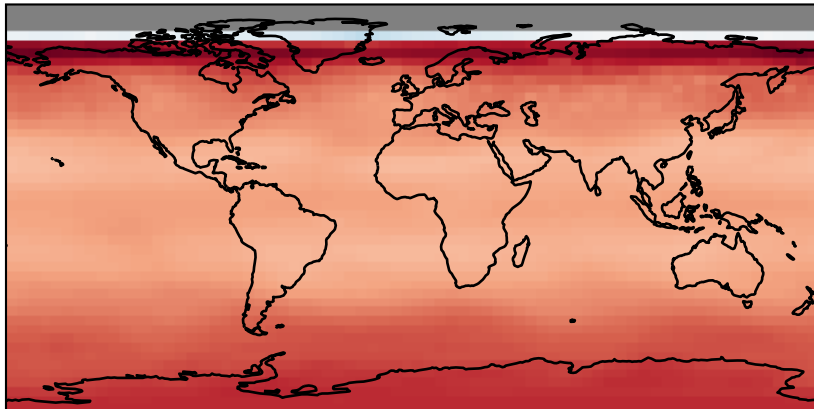
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

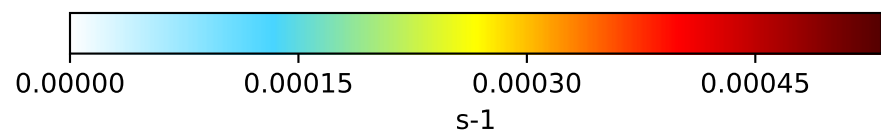
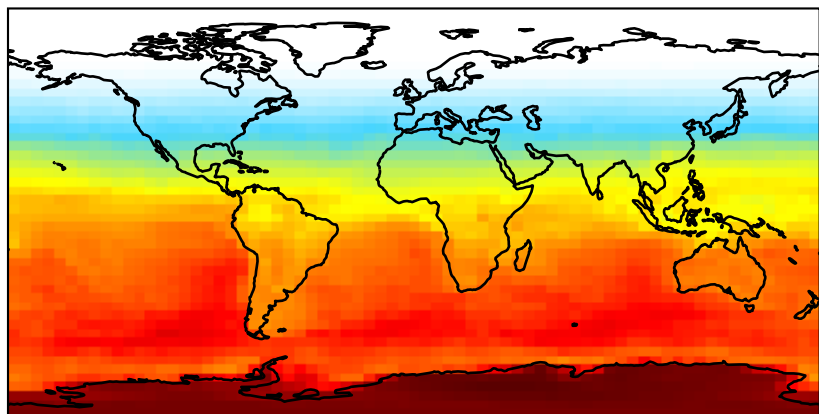


Ratio  
Dev/Ref, Fixed Range

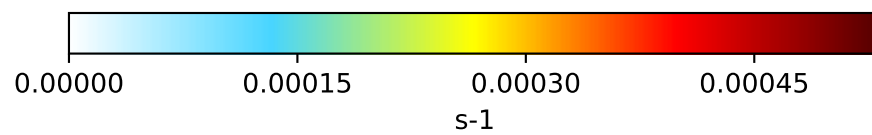
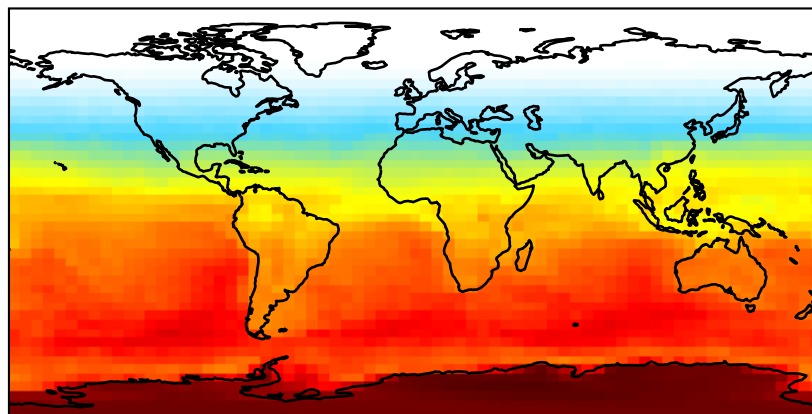


# Jval\_CH2IBr (Jan2019)

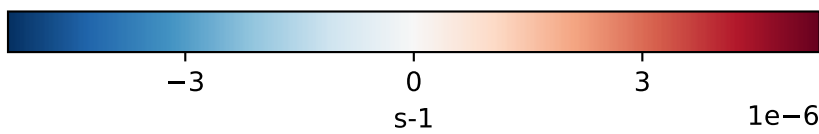
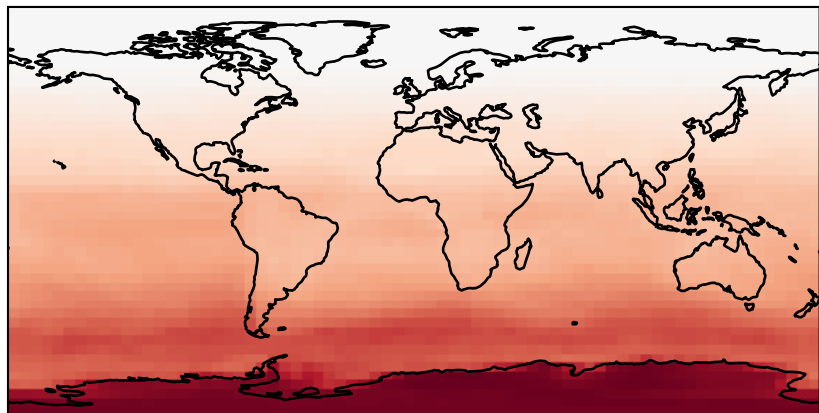
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



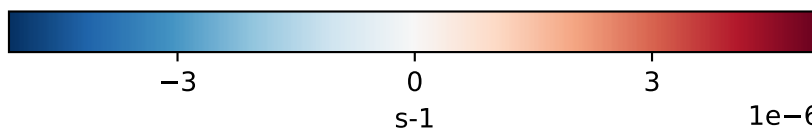
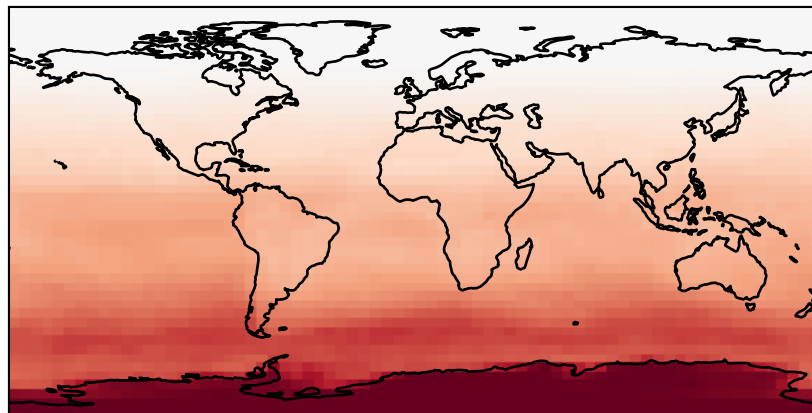
GCC\_13.0.0 (Dev)  
4.0x5.0



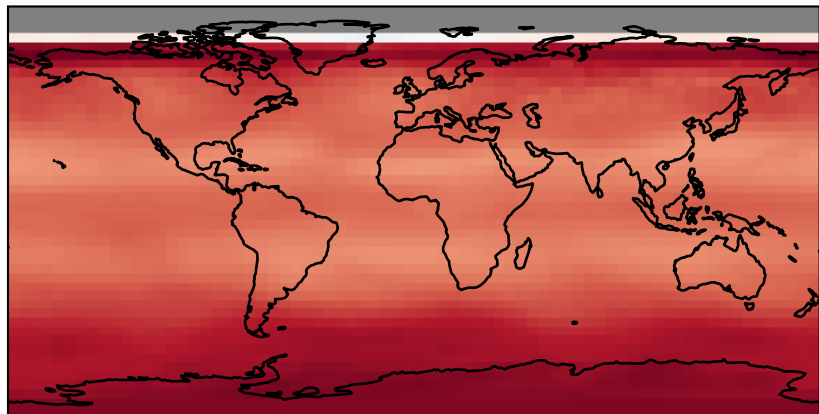
Difference  
Dev - Ref, Dynamic Range



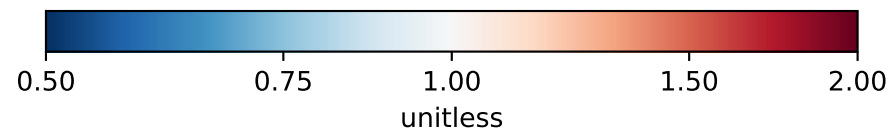
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

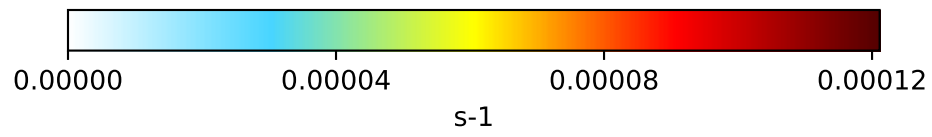
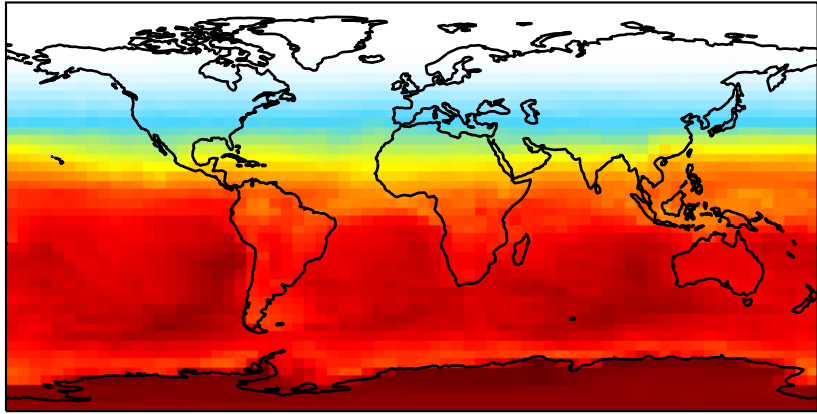


Ratio  
Dev/Ref, Fixed Range

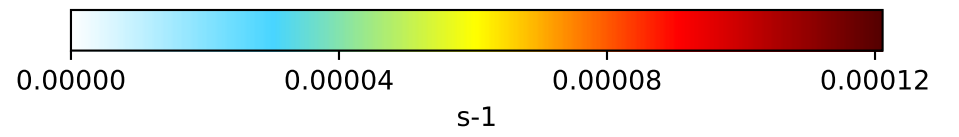
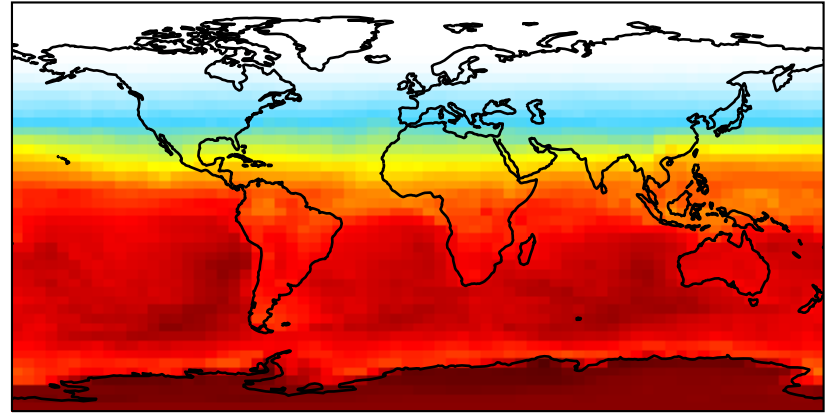


# Jval\_CH2ICl (Jan2019)

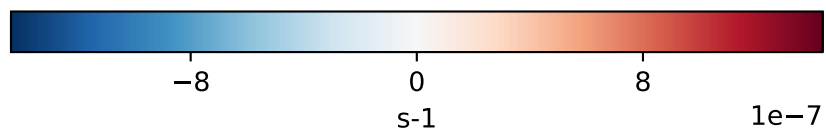
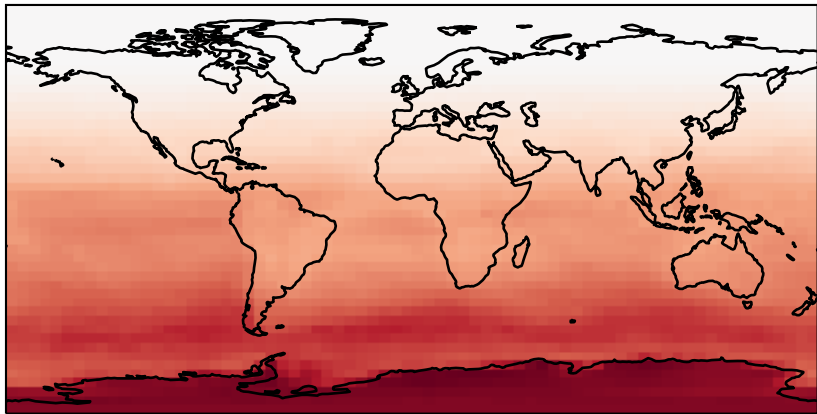
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



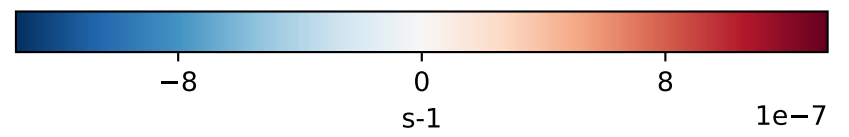
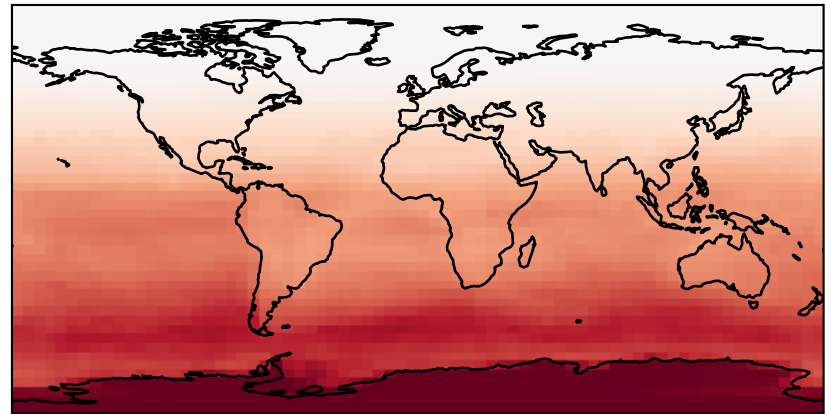
GCC\_13.0.0 (Dev)  
4.0x5.0



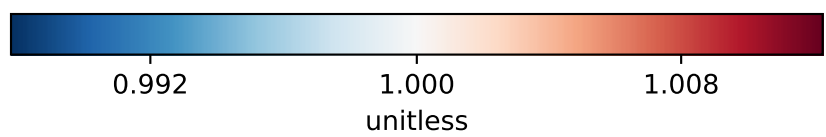
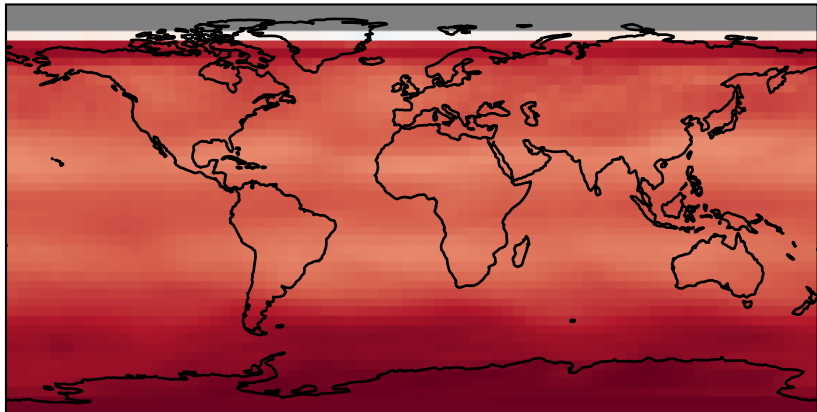
Difference  
Dev - Ref, Dynamic Range



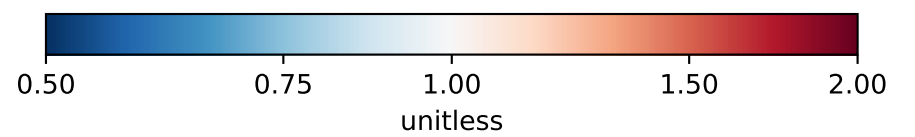
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

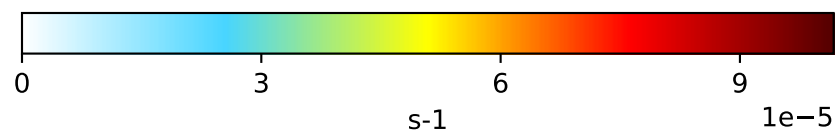
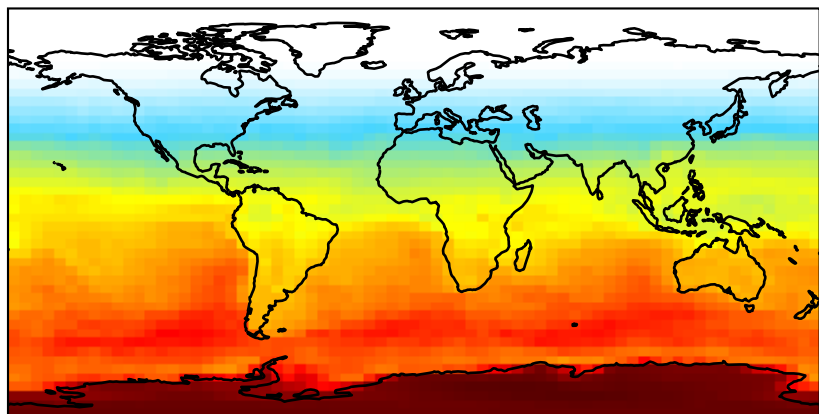


Ratio  
Dev/Ref, Fixed Range

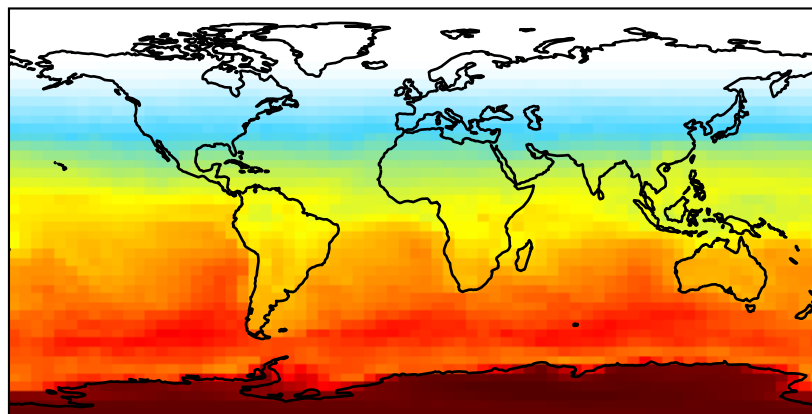


# Jval\_CH2O (Jan2019)

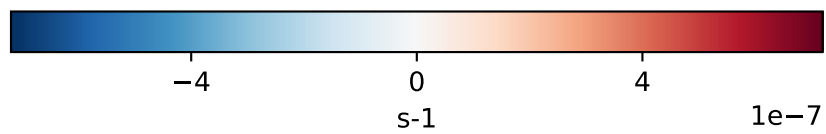
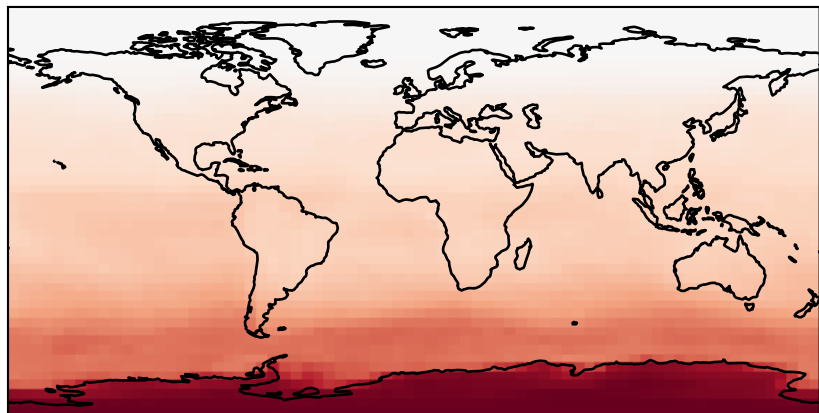
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



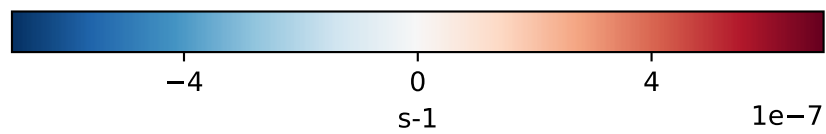
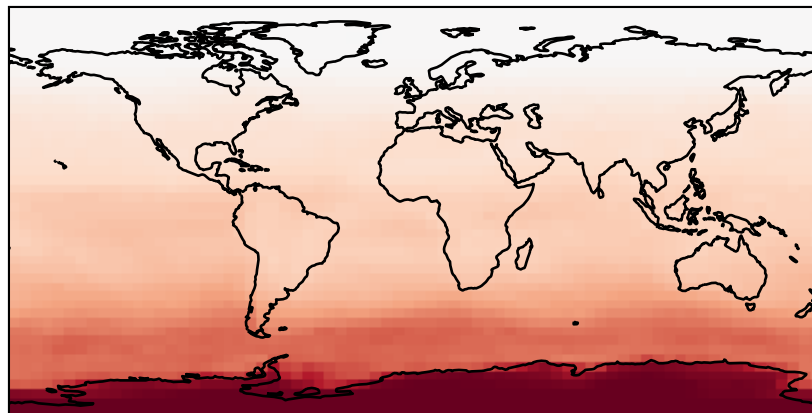
GCC\_13.0.0 (Dev)  
4.0x5.0



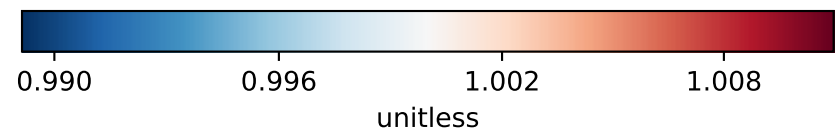
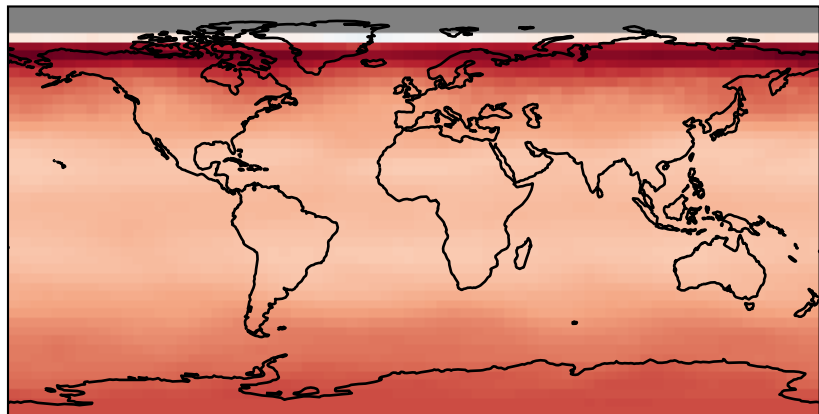
Difference  
Dev - Ref, Dynamic Range



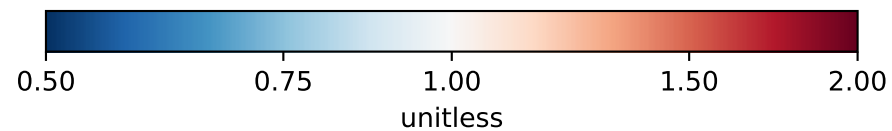
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



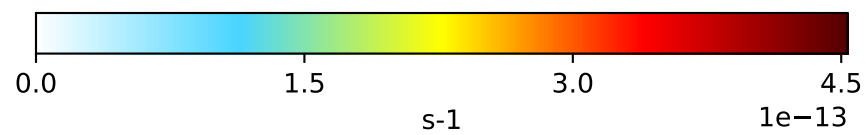
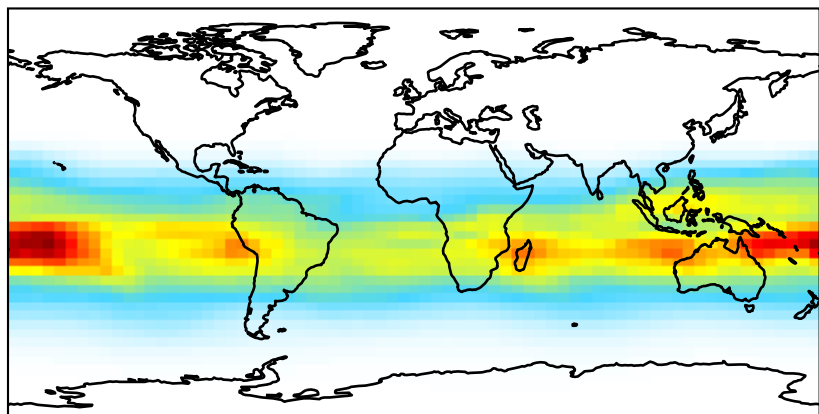
Ratio  
Dev/Ref, Fixed Range



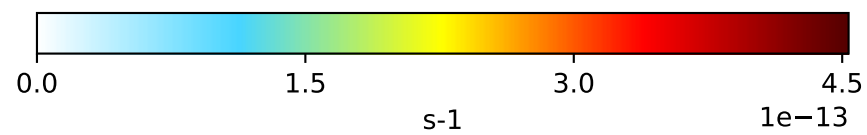
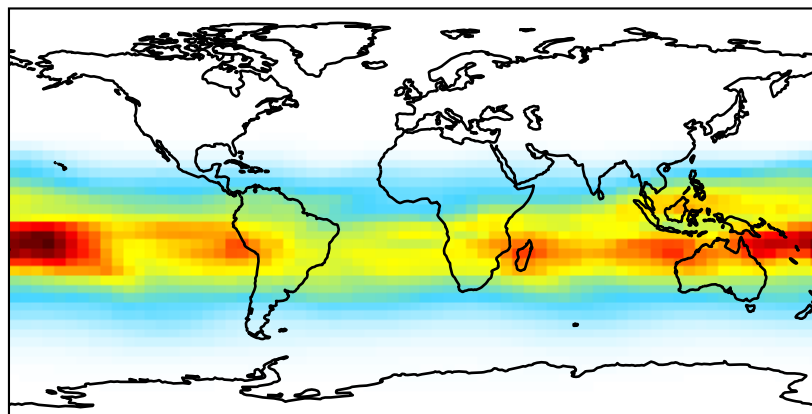


# Jval\_CH3Br (Jan2019)

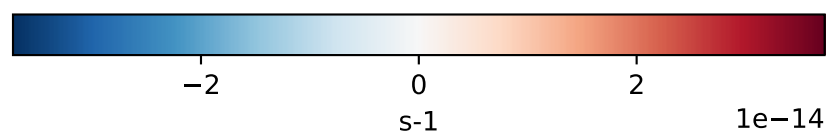
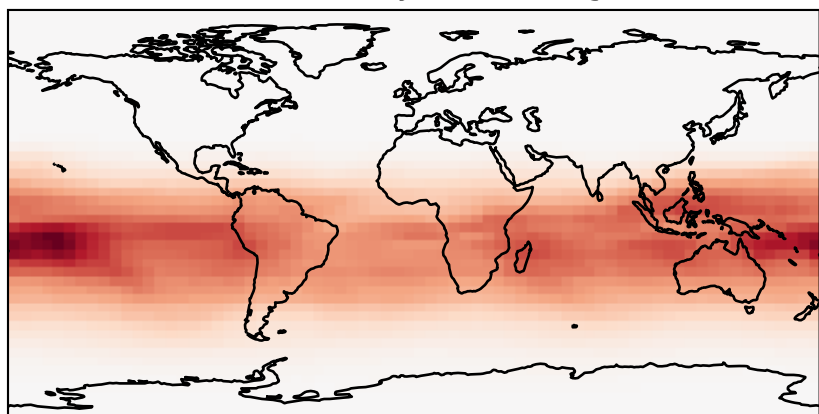
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



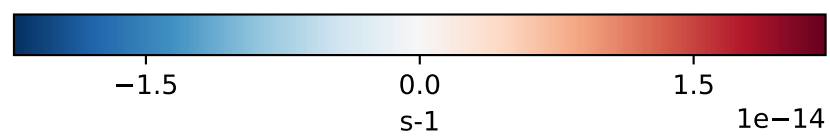
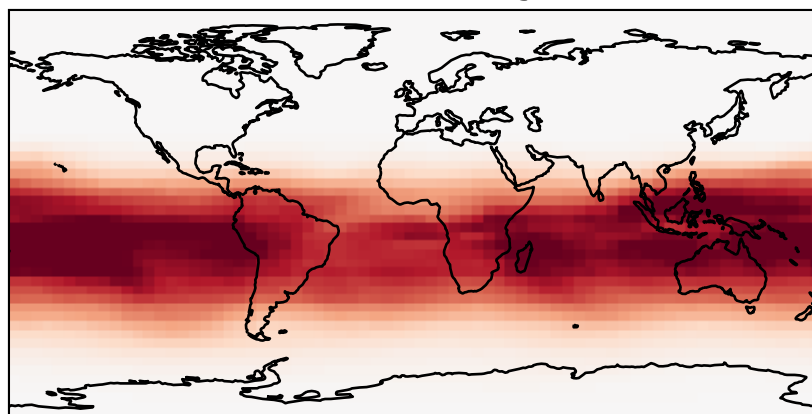
GCC\_13.0.0 (Dev)  
4.0x5.0



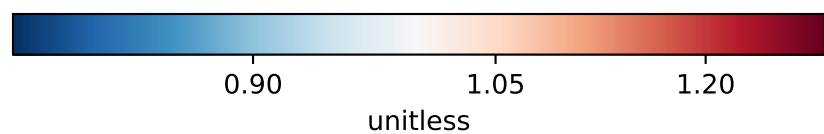
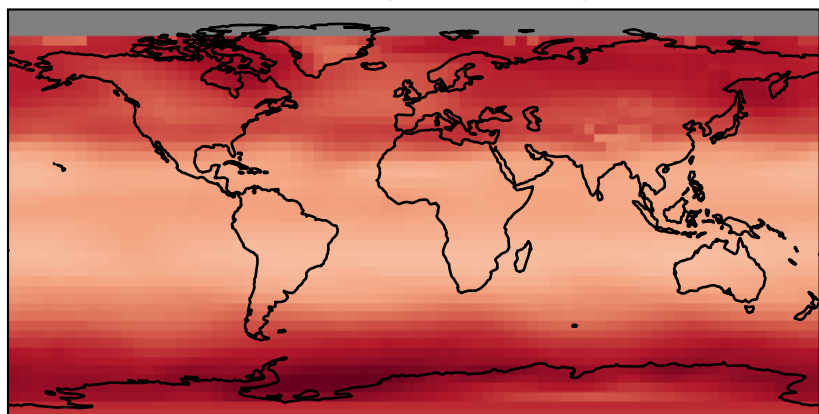
Difference  
Dev - Ref, Dynamic Range



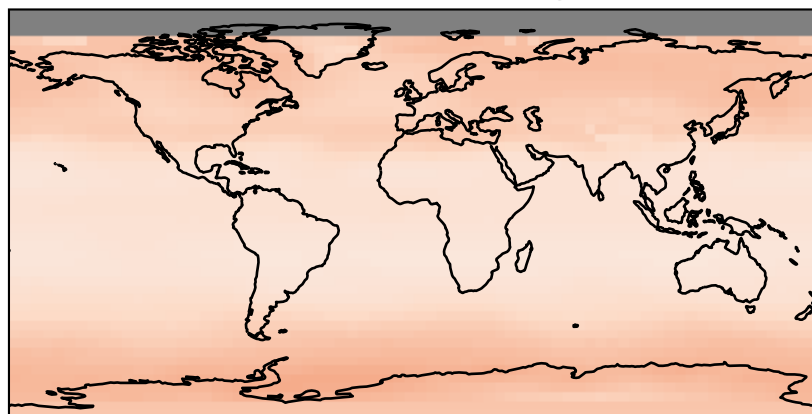
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

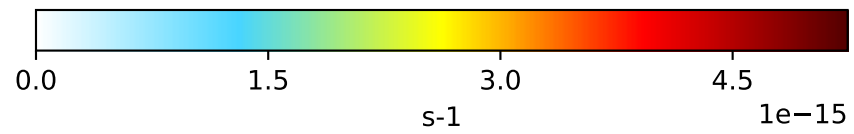
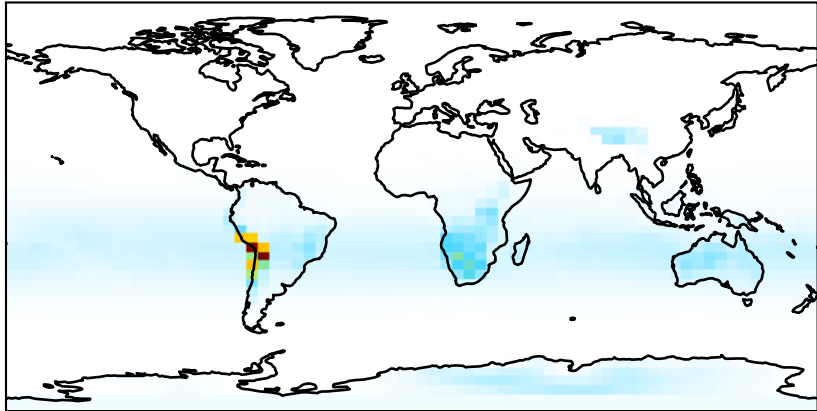


Ratio  
Dev/Ref, Fixed Range

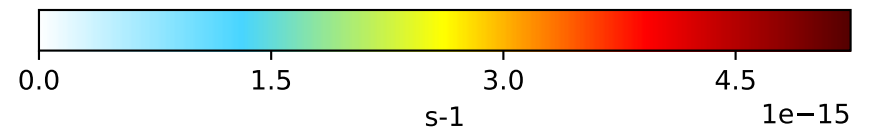
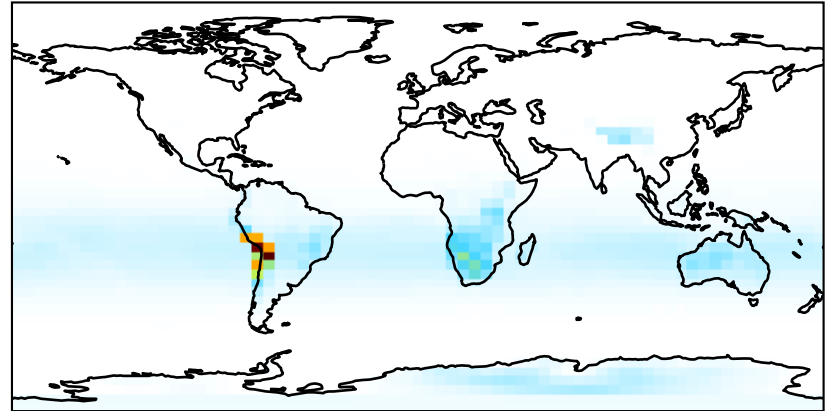


# Jval\_CH3CCI3 (Jan2019)

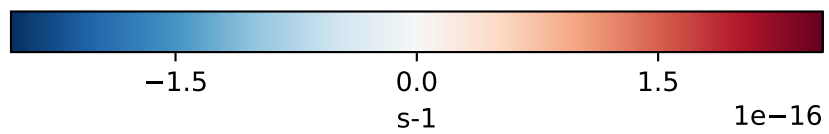
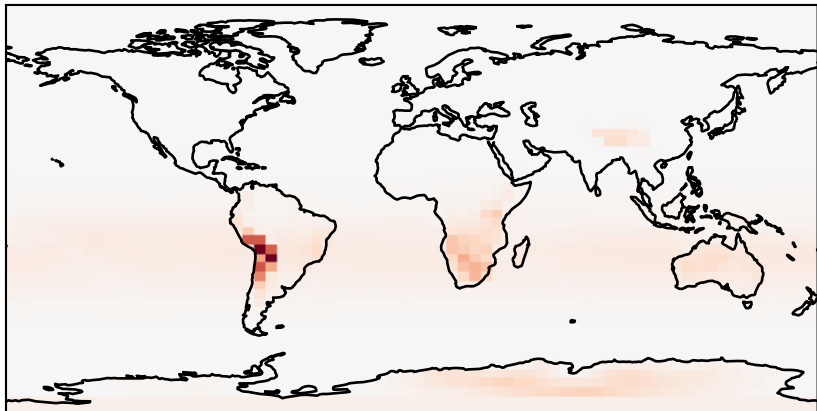
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



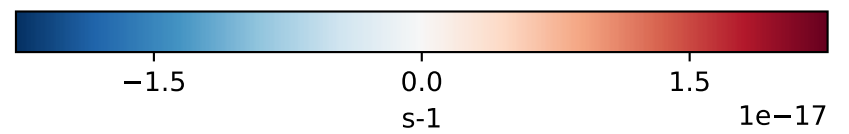
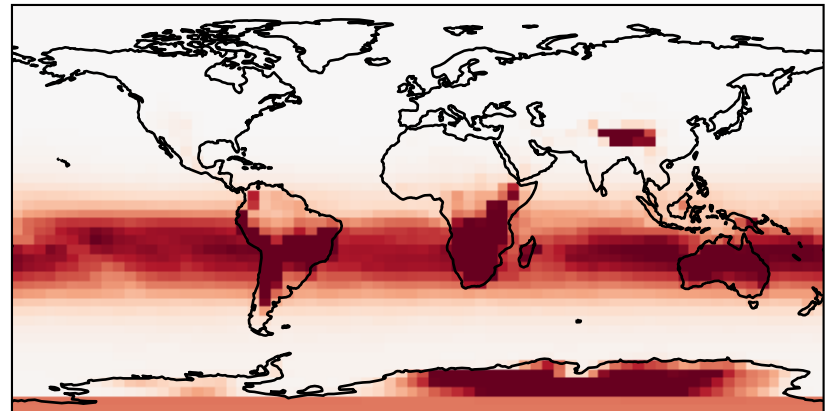
GCC\_13.0.0 (Dev)  
4.0x5.0



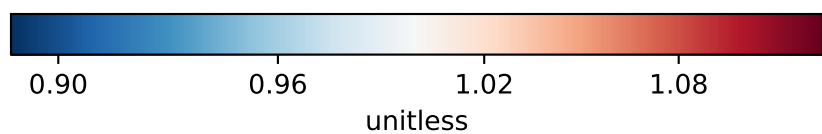
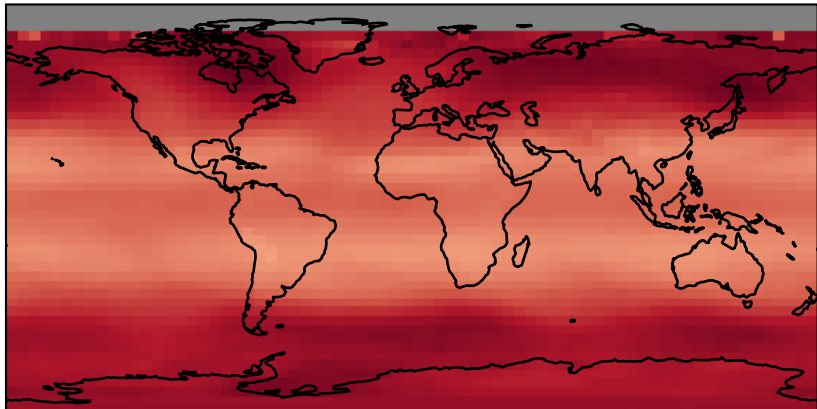
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

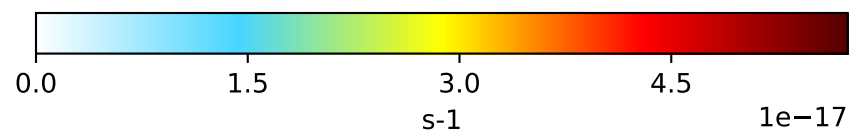
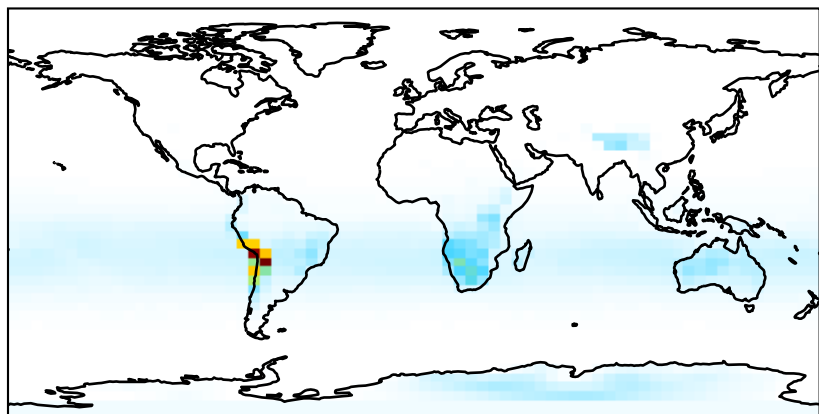


Ratio  
Dev/Ref, Fixed Range

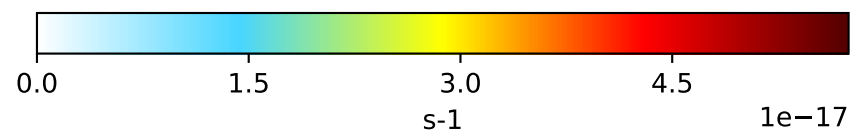
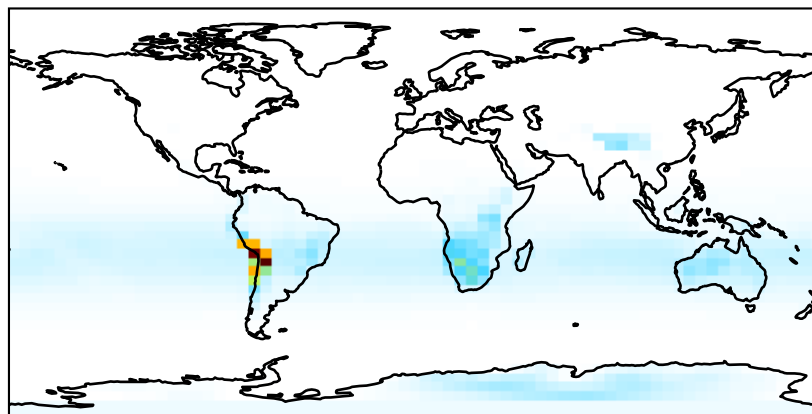


# Jval\_CH3Cl (Jan2019)

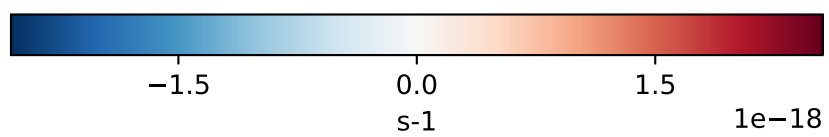
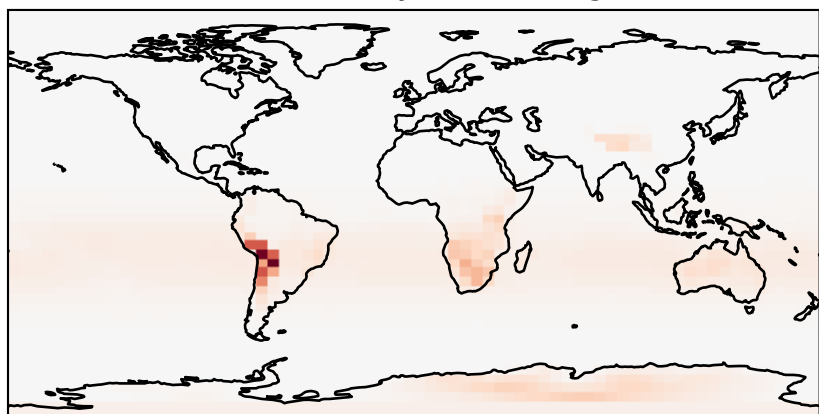
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



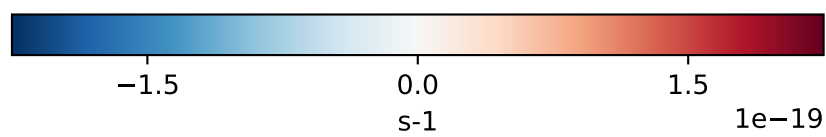
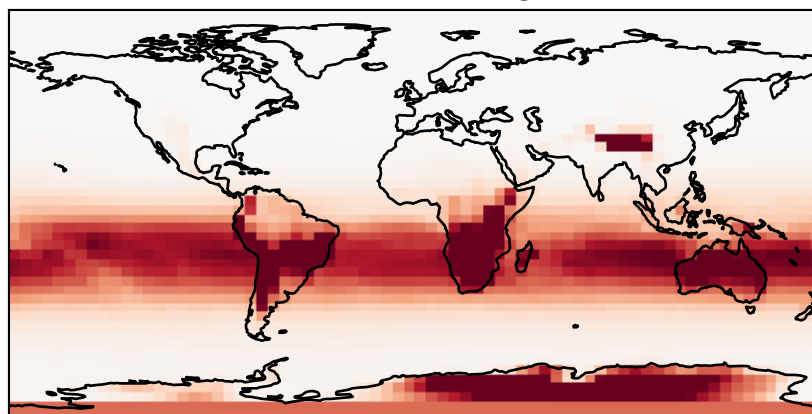
GCC\_13.0.0 (Dev)  
4.0x5.0



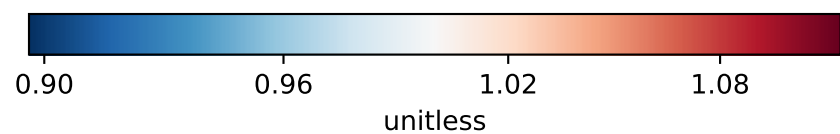
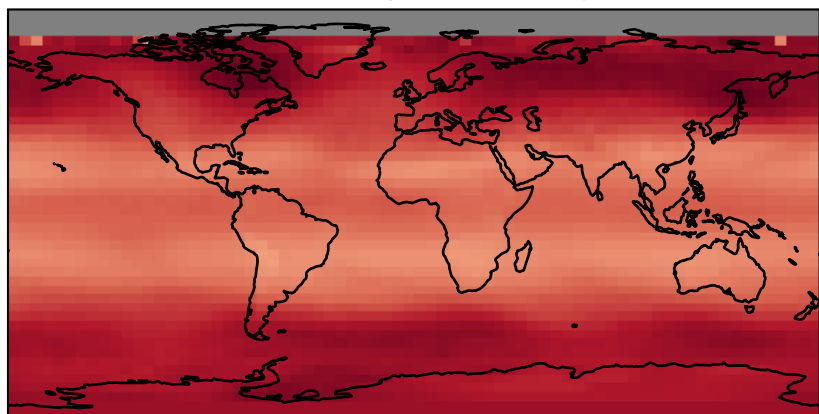
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

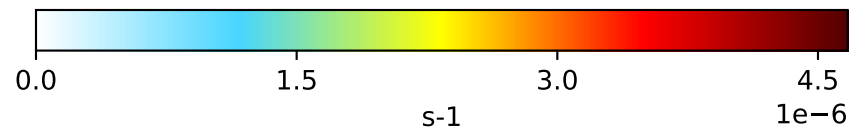
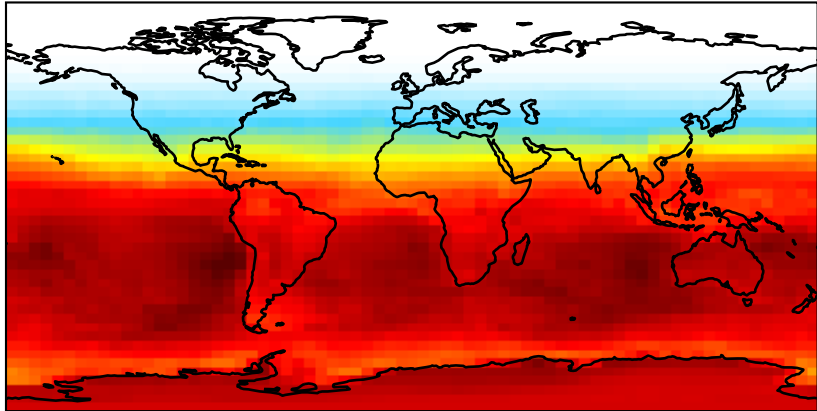


Ratio  
Dev/Ref, Fixed Range

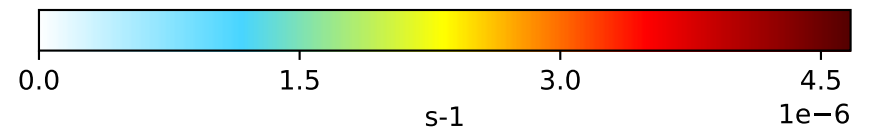
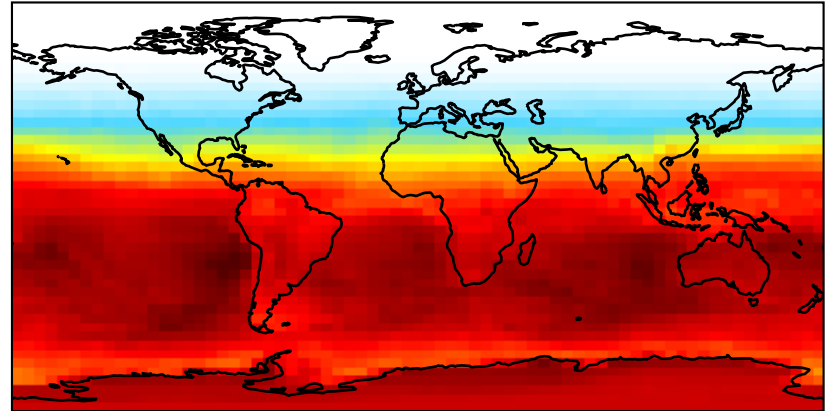


# Jval\_CH3I (Jan2019)

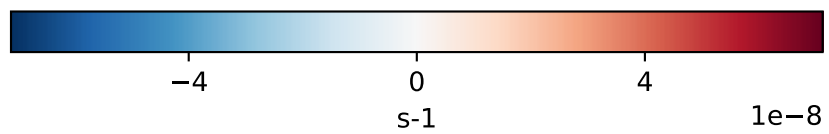
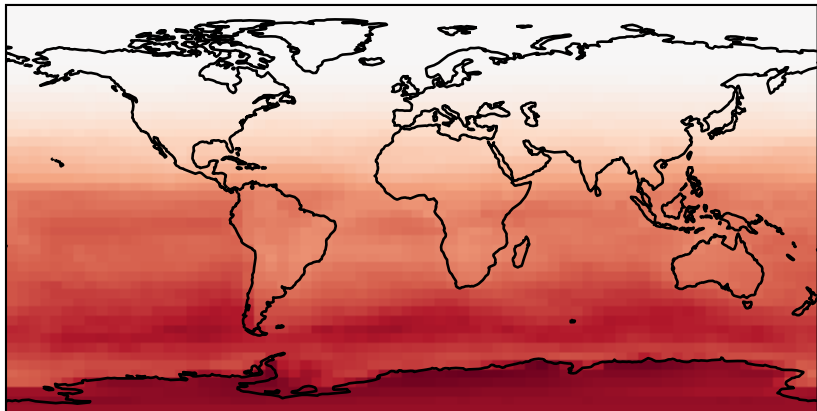
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



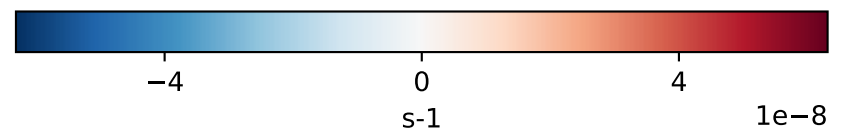
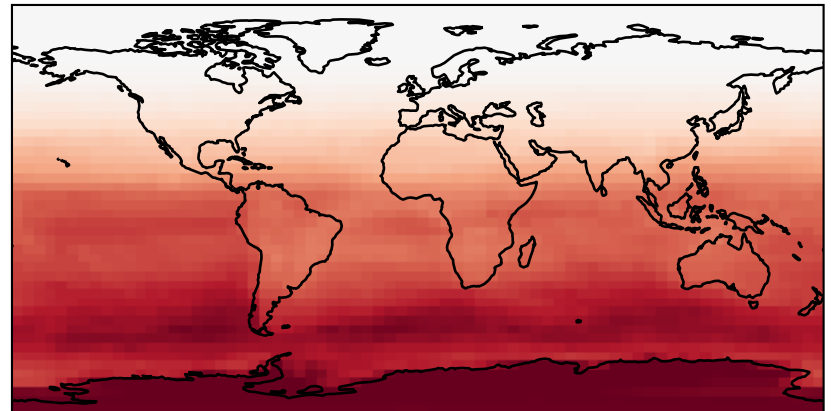
GCC\_13.0.0 (Dev)  
4.0x5.0



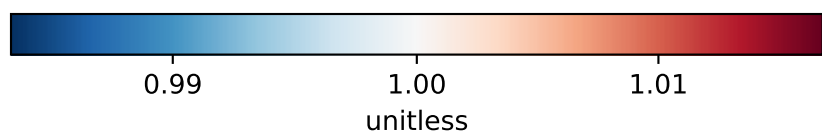
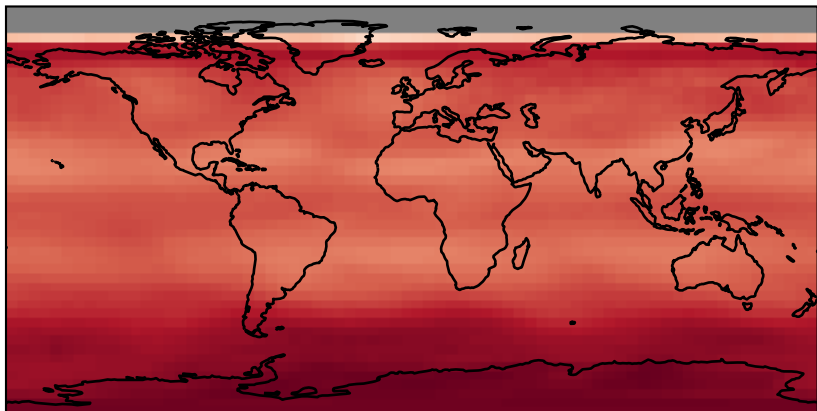
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

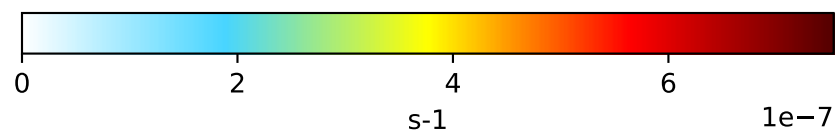
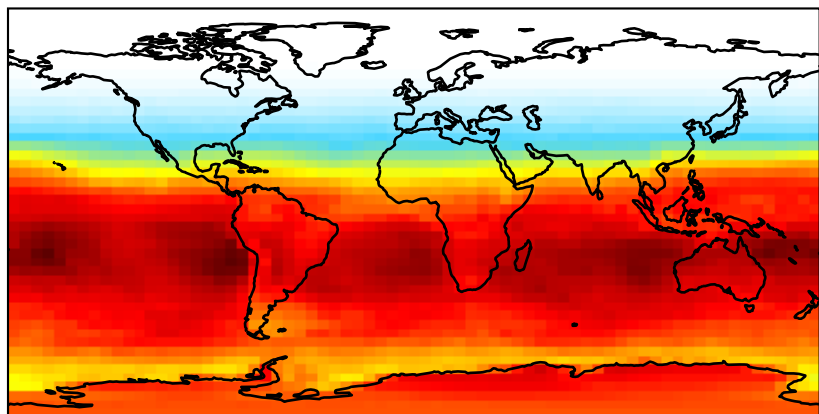


Ratio  
Dev/Ref, Fixed Range

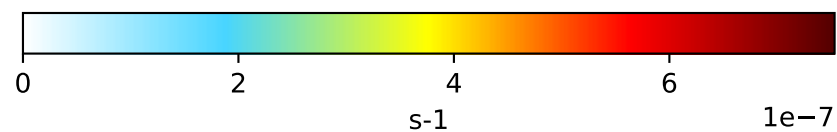
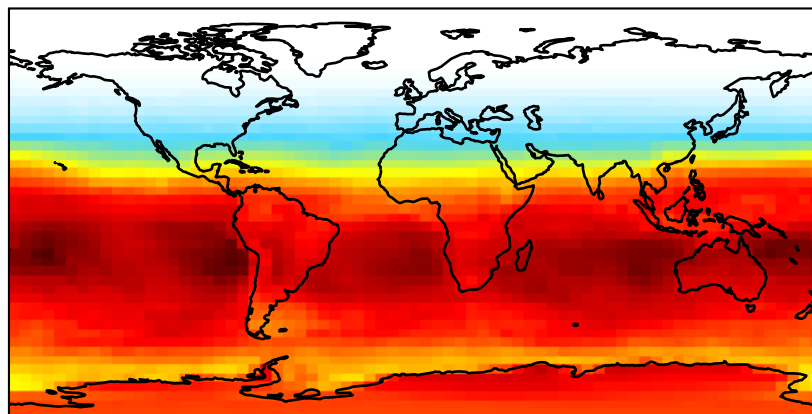


# Jval\_CHBr3 (Jan2019)

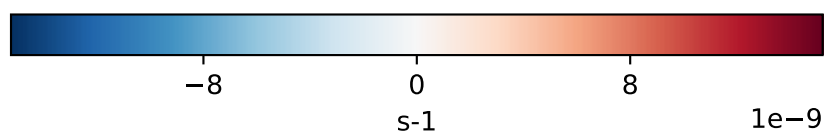
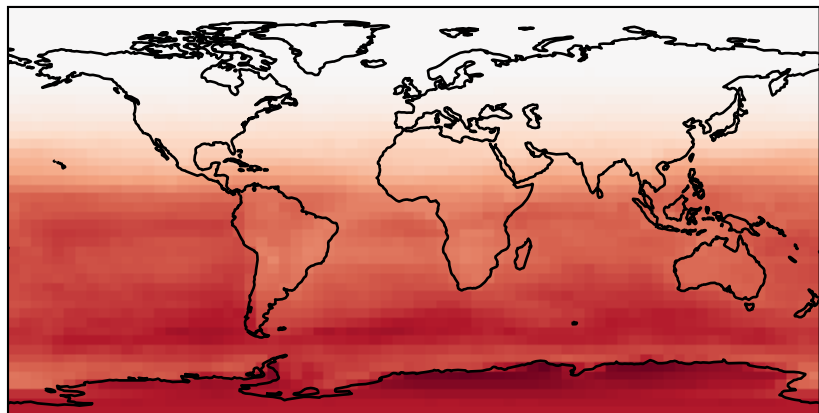
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



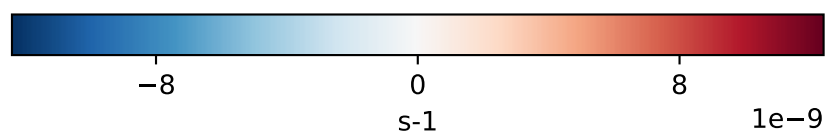
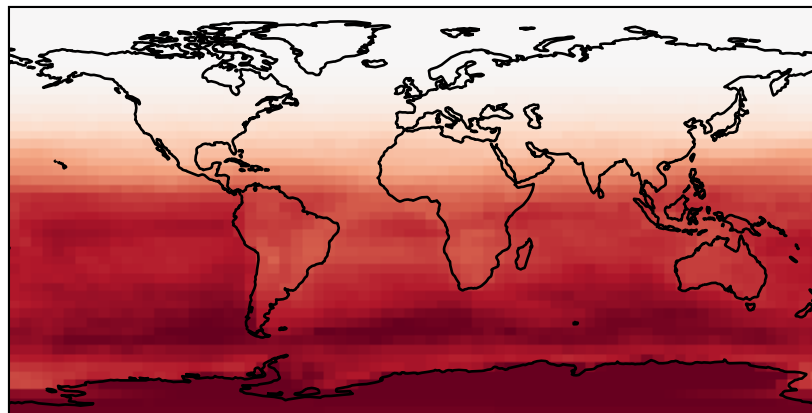
GCC\_13.0.0 (Dev)  
4.0x5.0



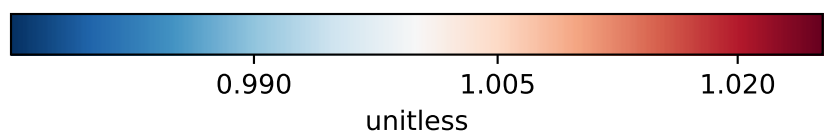
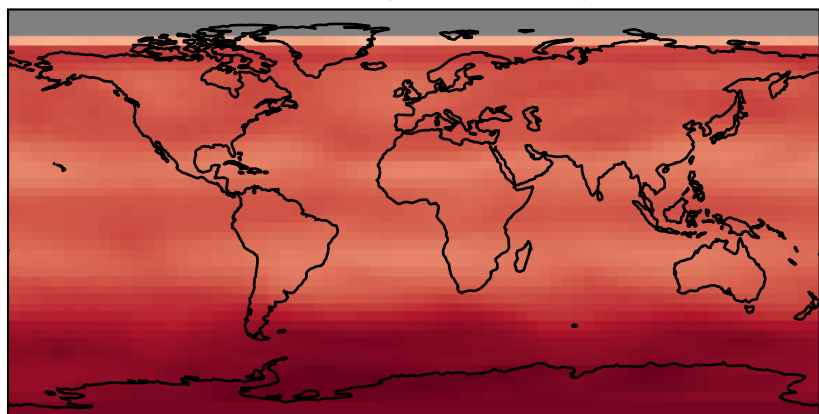
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range



Ratio  
Dev/Ref, Fixed Range





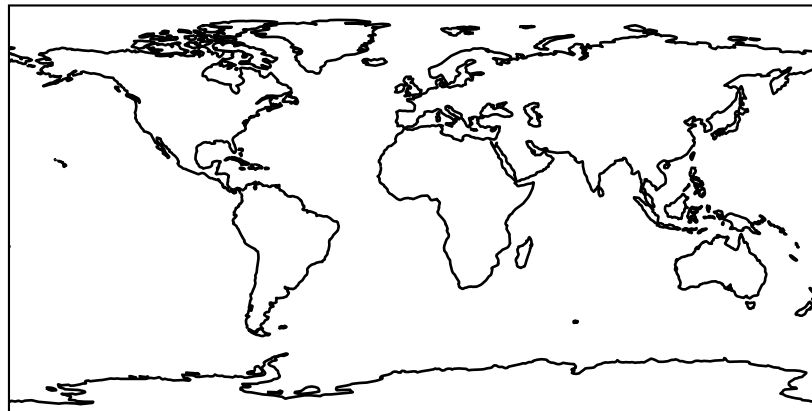
# Jval\_CHCl3 (Jan2019)

GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



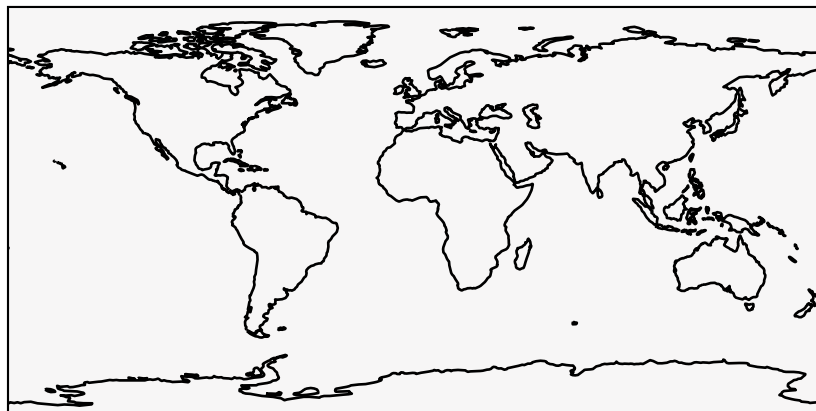
Zero throughout domain  
s-1

GCC\_13.0.0 (Dev)  
4.0x5.0



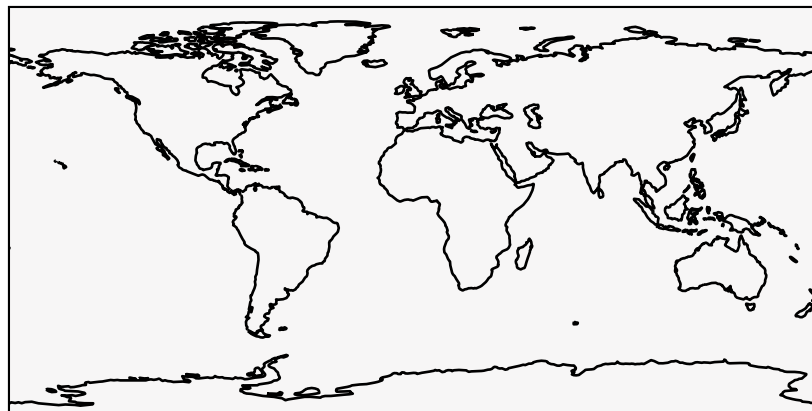
Zero throughout domain  
s-1

Difference  
Dev - Ref, Dynamic Range



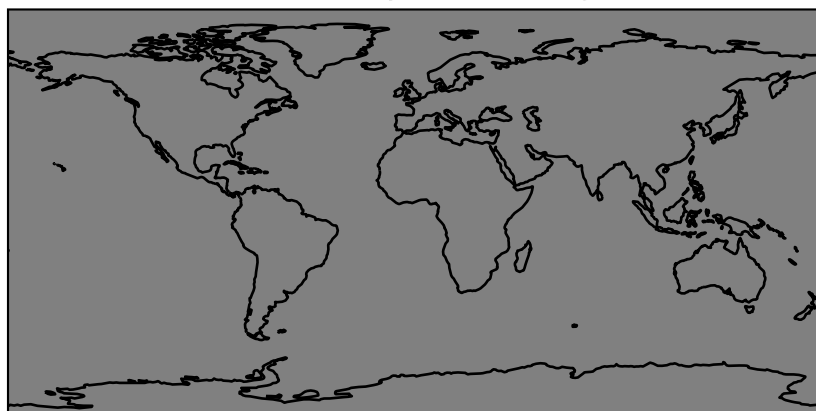
Zero throughout domain  
s-1

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



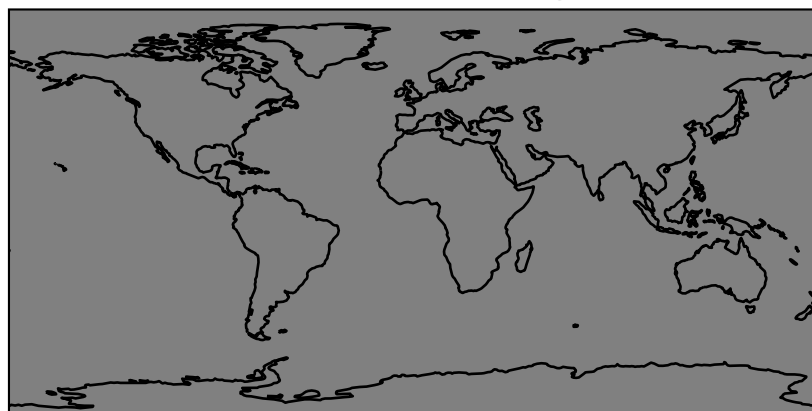
Zero throughout domain  
s-1

Ratio  
Dev/Ref, Dynamic Range



Undefined throughout domain  
unitless

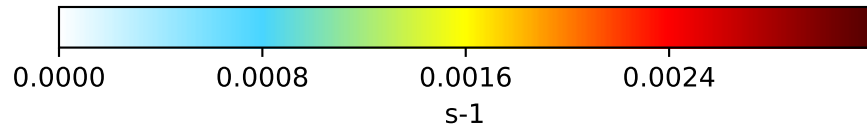
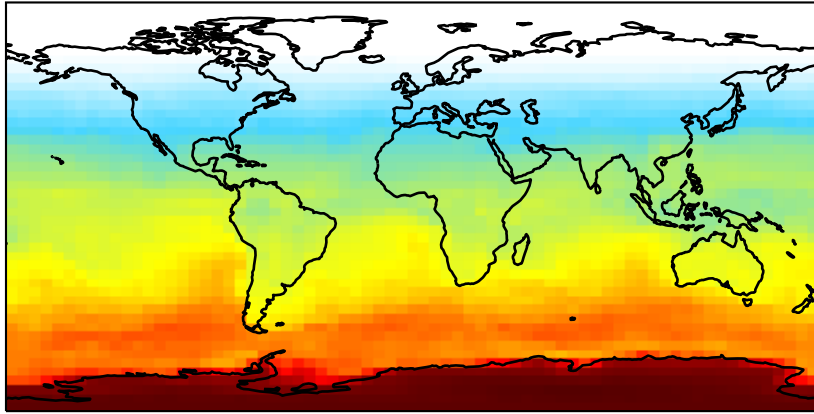
Ratio  
Dev/Ref, Fixed Range



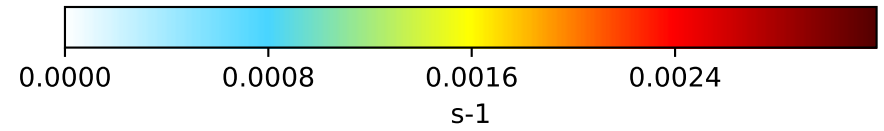
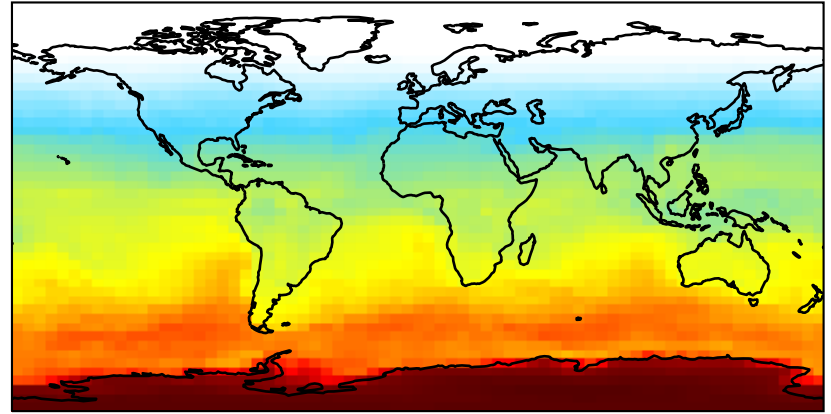
Undefined throughout domain  
unitless

# Jval\_CI2 (Jan2019)

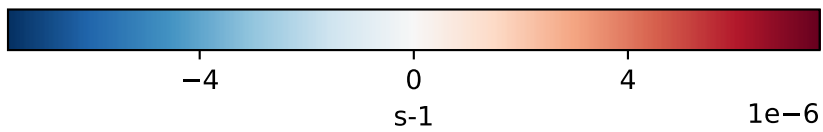
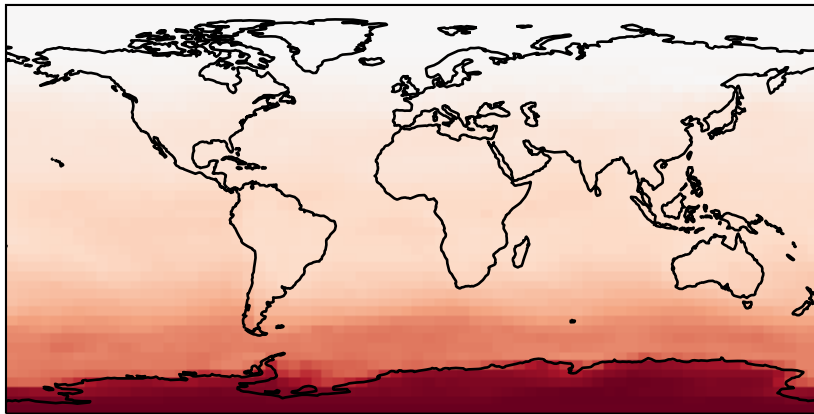
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



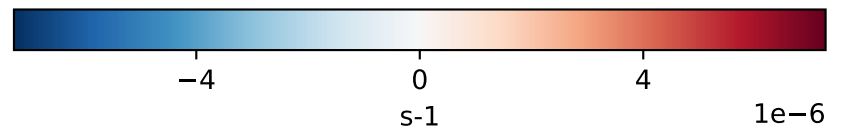
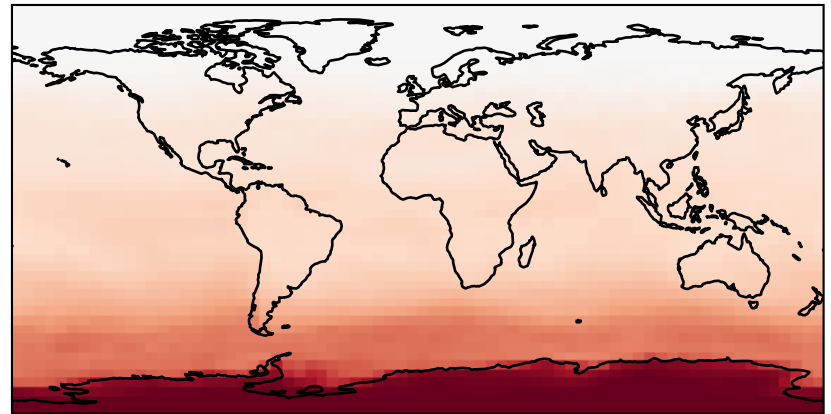
GCC\_13.0.0 (Dev)  
4.0x5.0



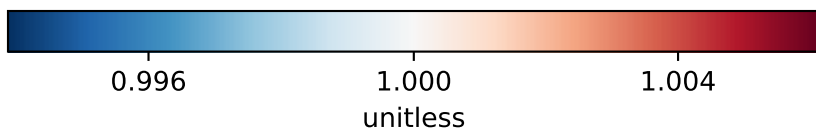
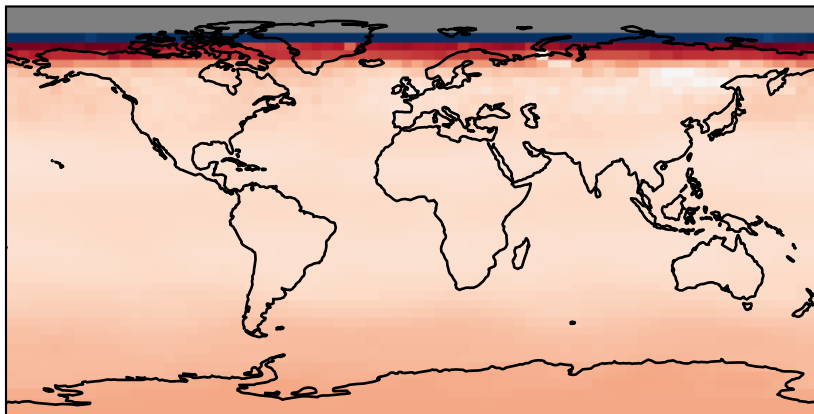
Difference  
Dev - Ref, Dynamic Range



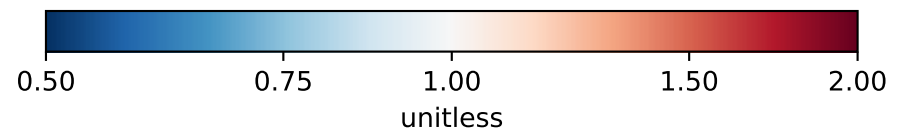
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

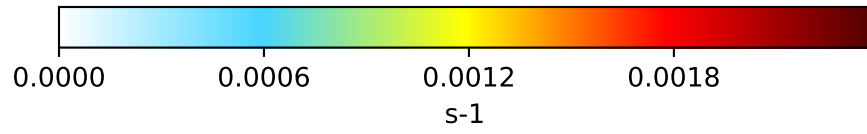
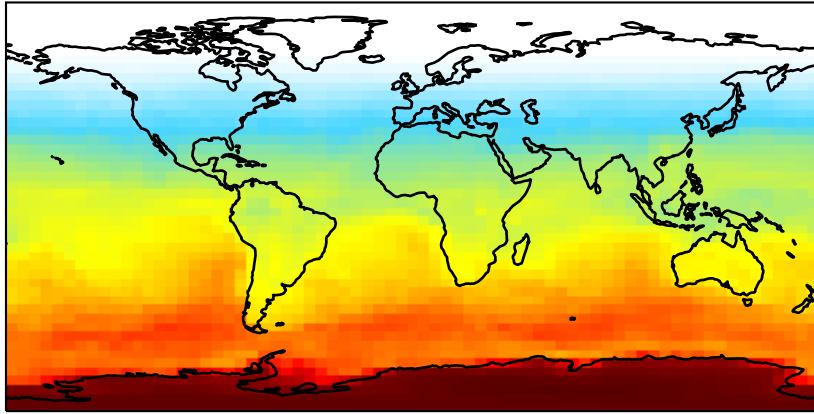


Ratio  
Dev/Ref, Fixed Range

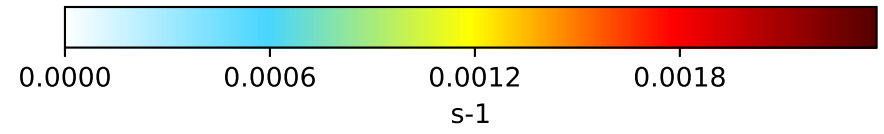
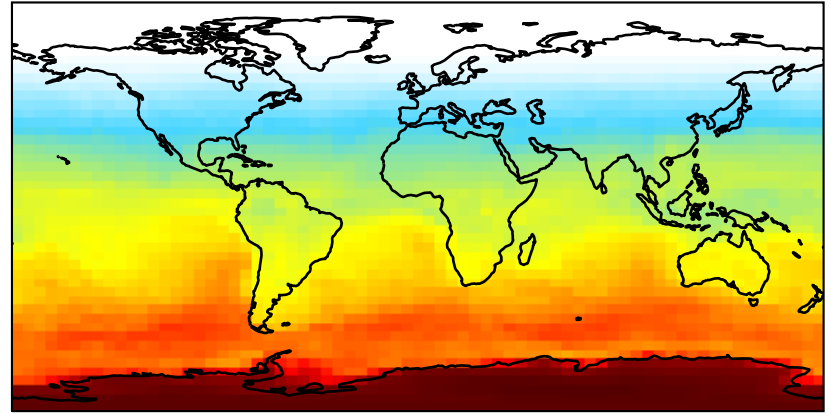


# Jval\_CI202 (Jan2019)

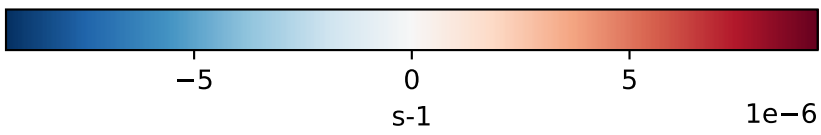
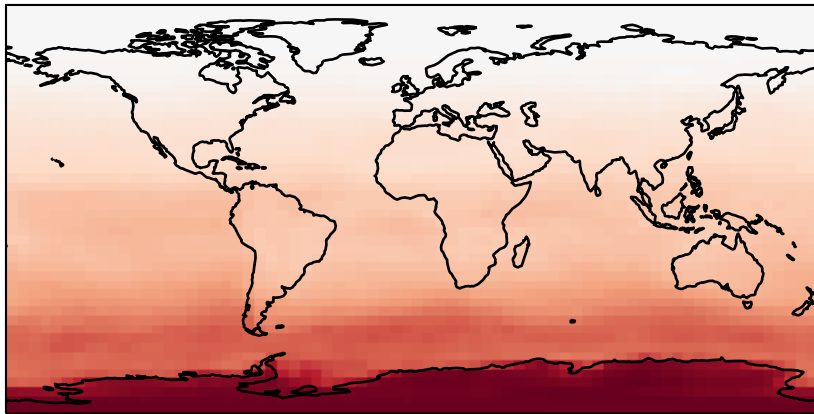
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



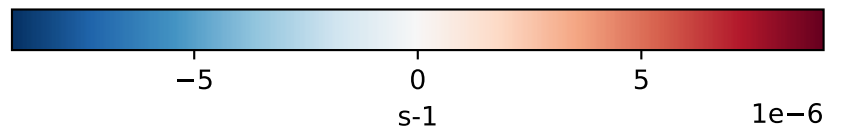
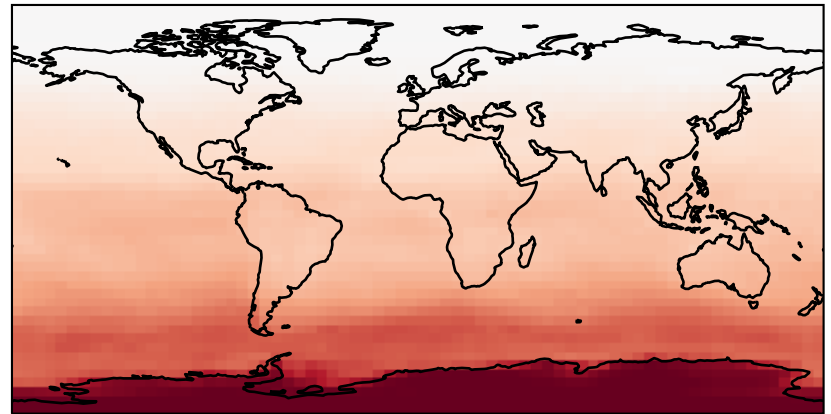
GCC\_13.0.0 (Dev)  
4.0x5.0



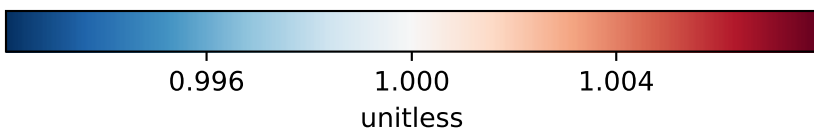
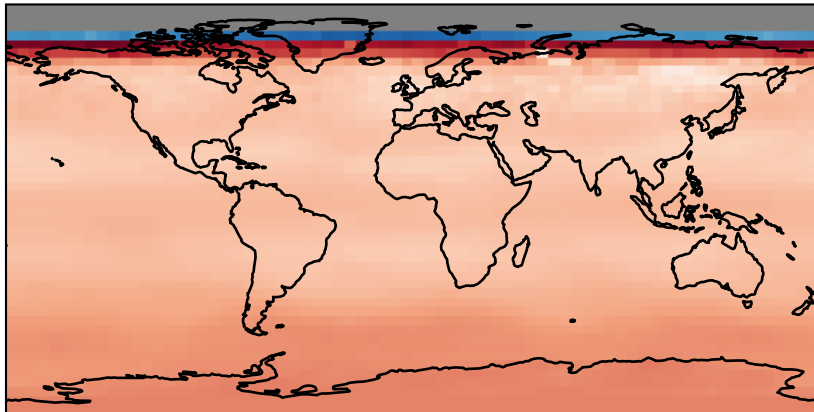
Difference  
Dev - Ref, Dynamic Range



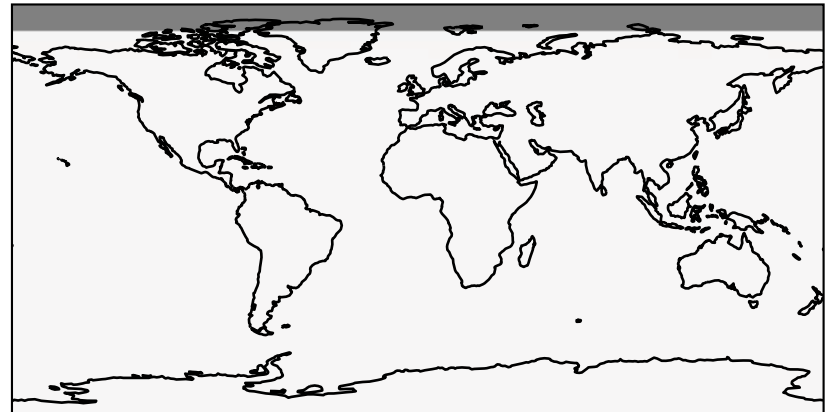
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

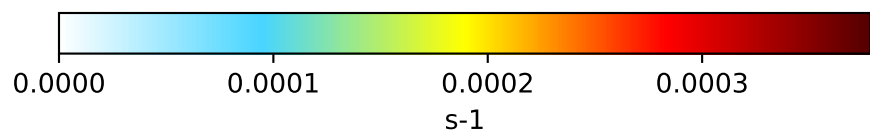
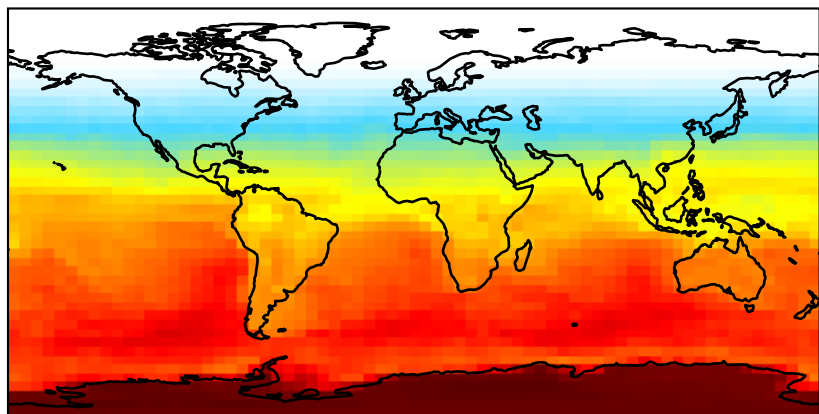


Ratio  
Dev/Ref, Fixed Range

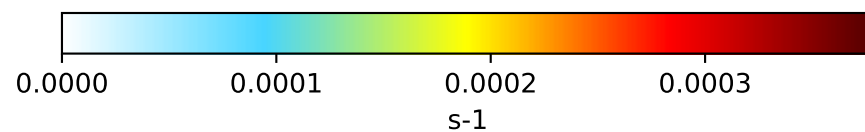
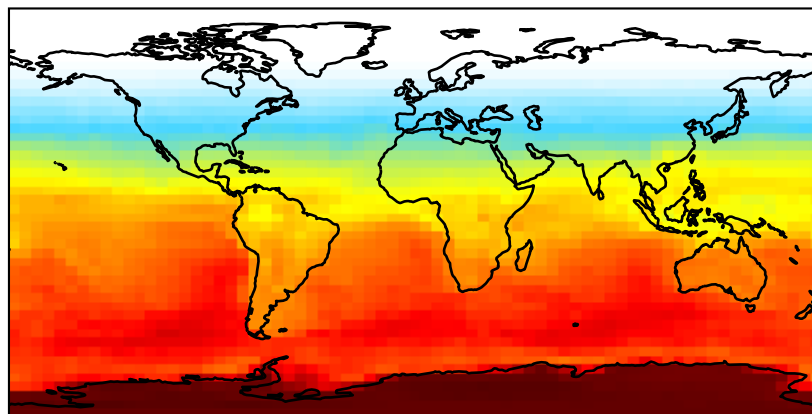


# Jval\_CINO2 (Jan2019)

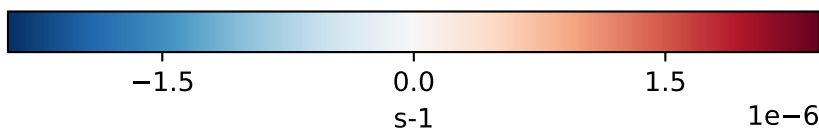
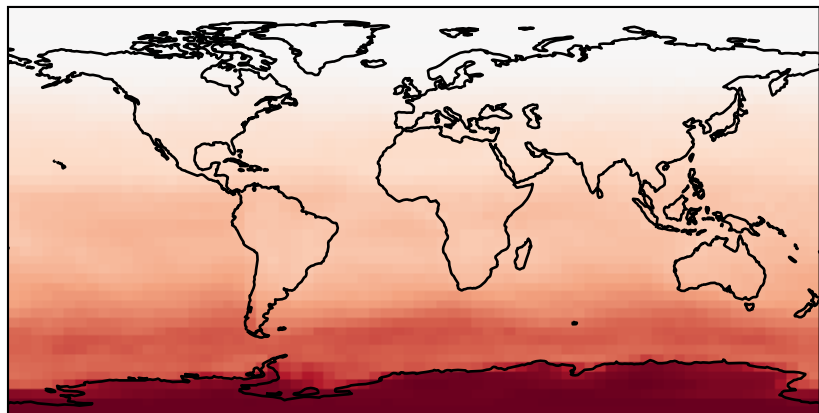
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



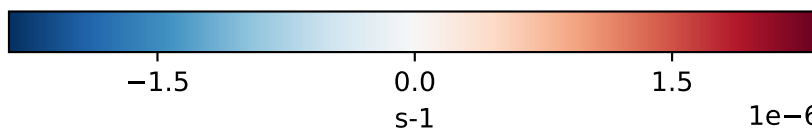
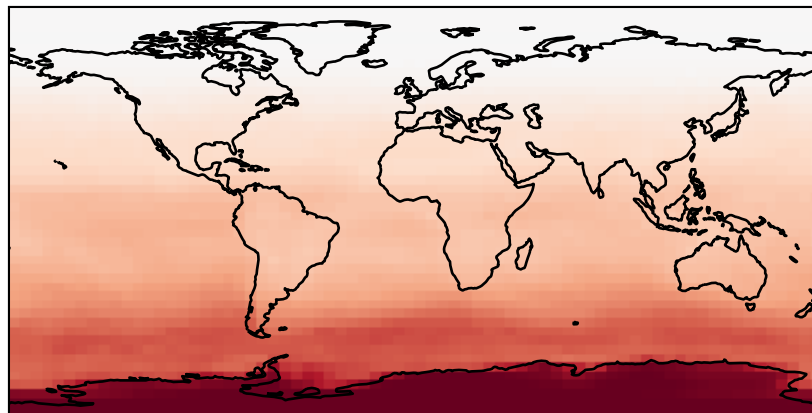
GCC\_13.0.0 (Dev)  
4.0x5.0



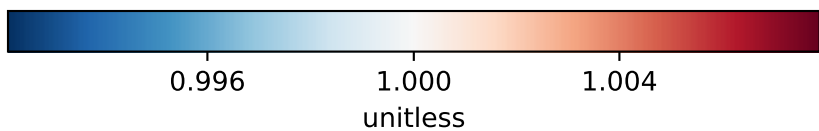
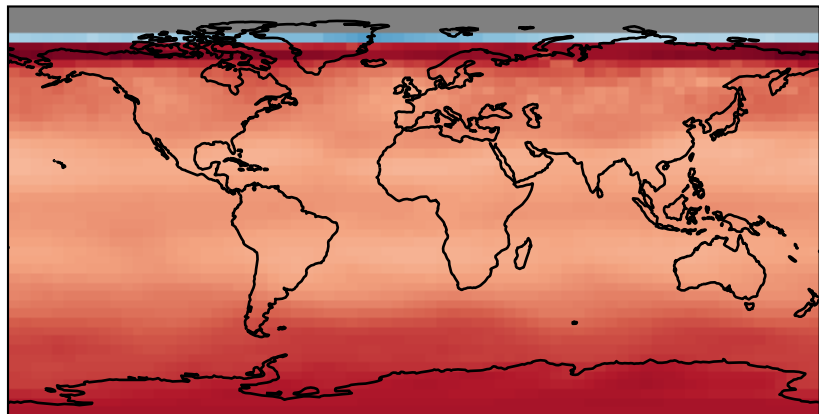
Difference  
Dev - Ref, Dynamic Range



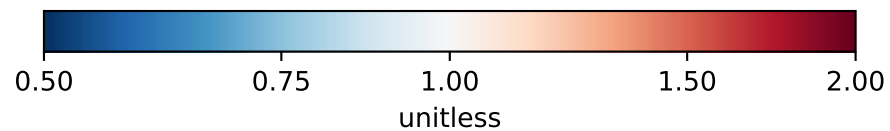
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

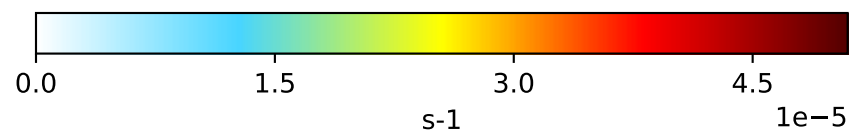
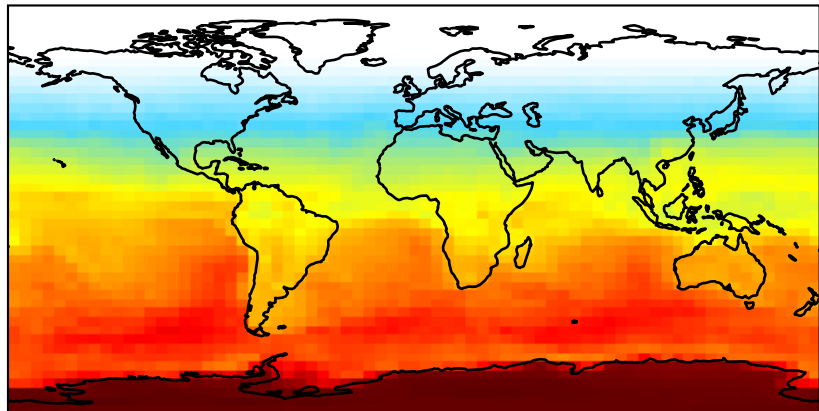


Ratio  
Dev/Ref, Fixed Range

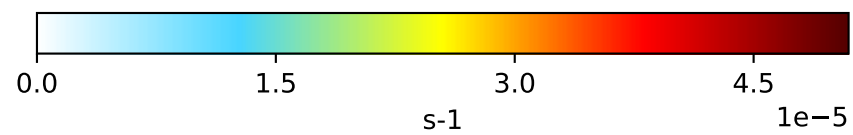
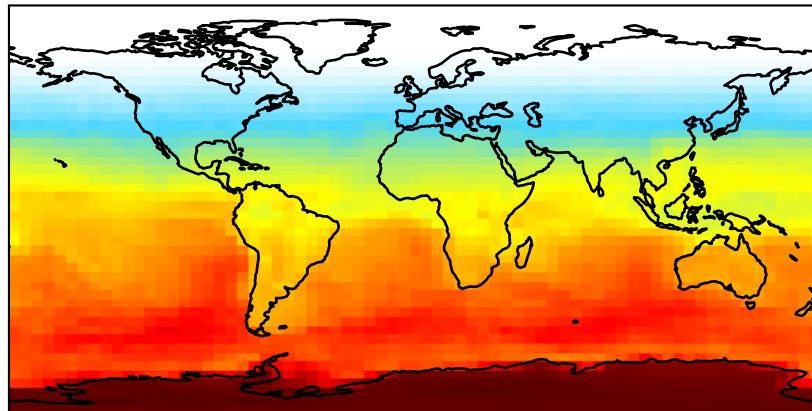


# Jval\_CINO3 (Jan2019)

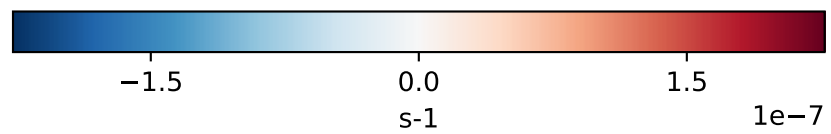
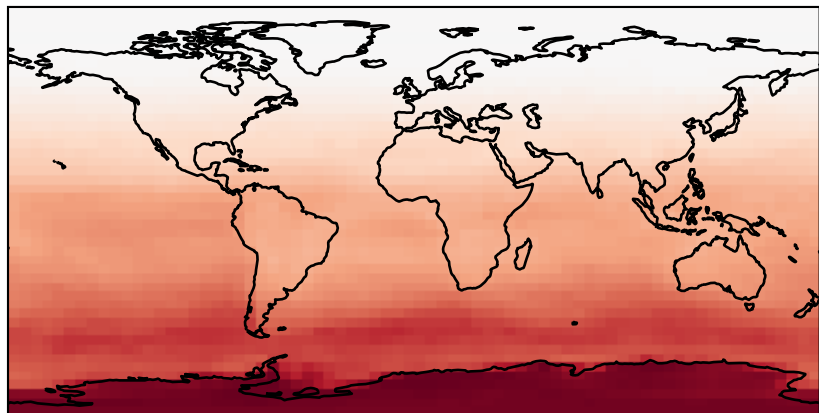
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



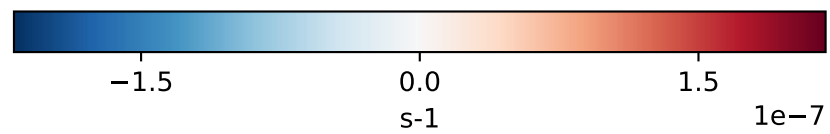
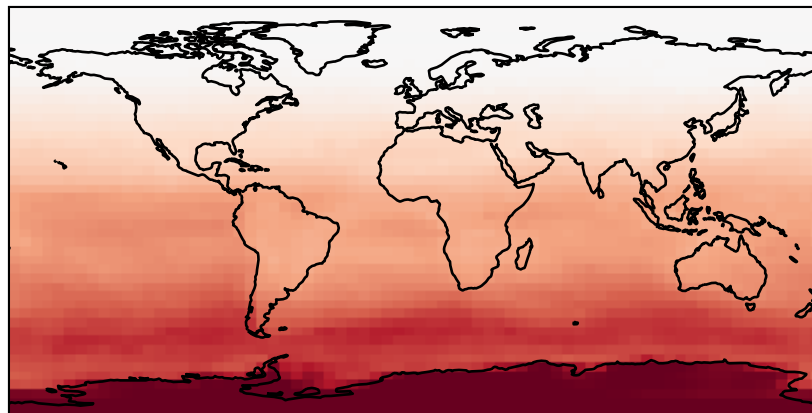
GCC\_13.0.0 (Dev)  
4.0x5.0



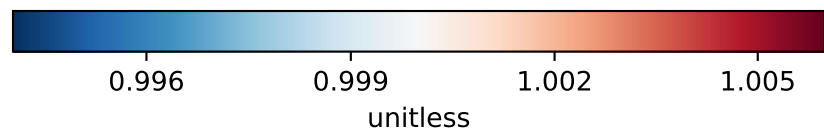
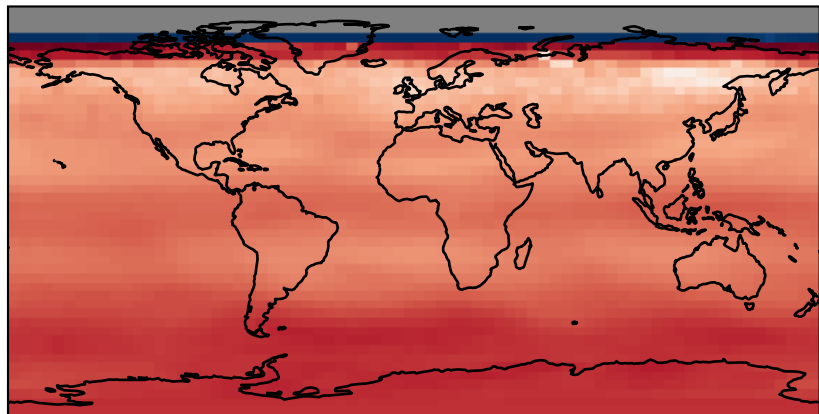
Difference  
Dev - Ref, Dynamic Range



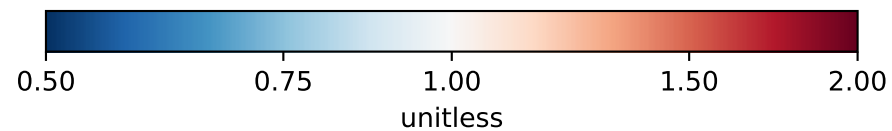
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



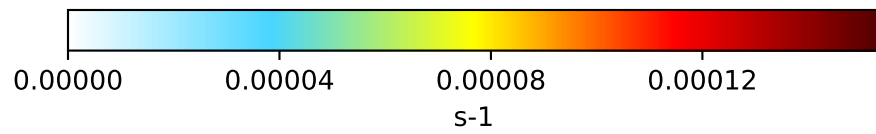
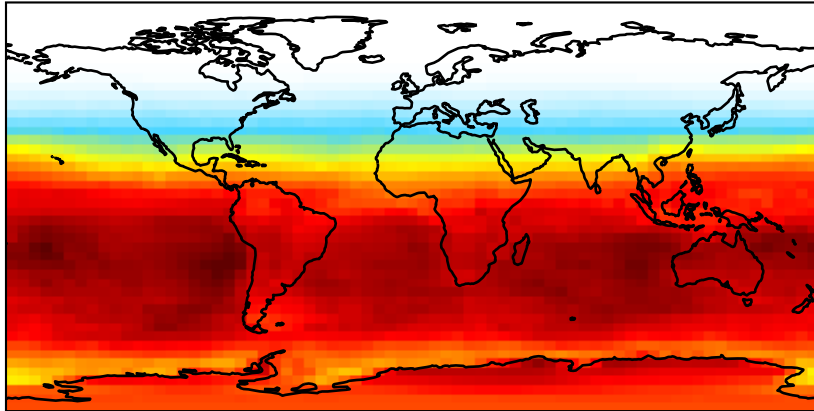
Ratio  
Dev/Ref, Fixed Range



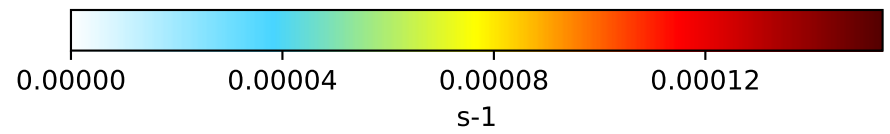
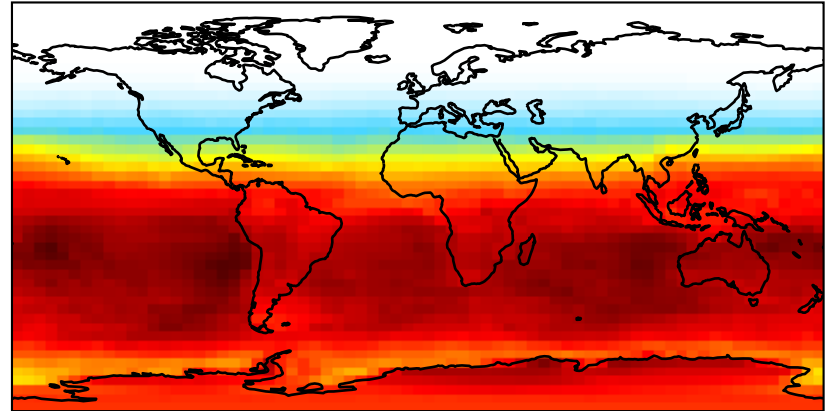


# Jval\_CIO (Jan2019)

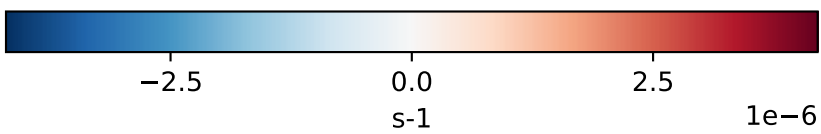
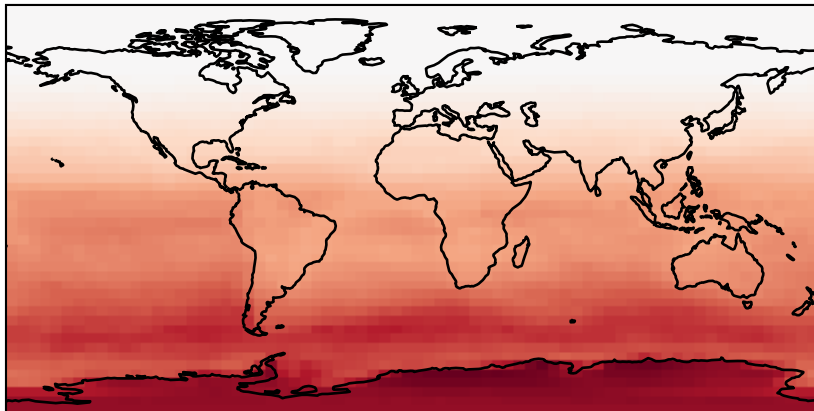
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



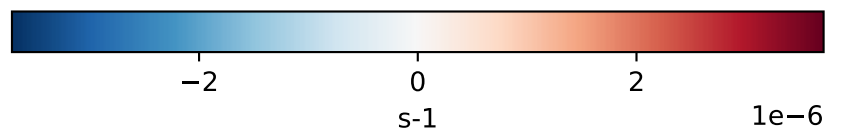
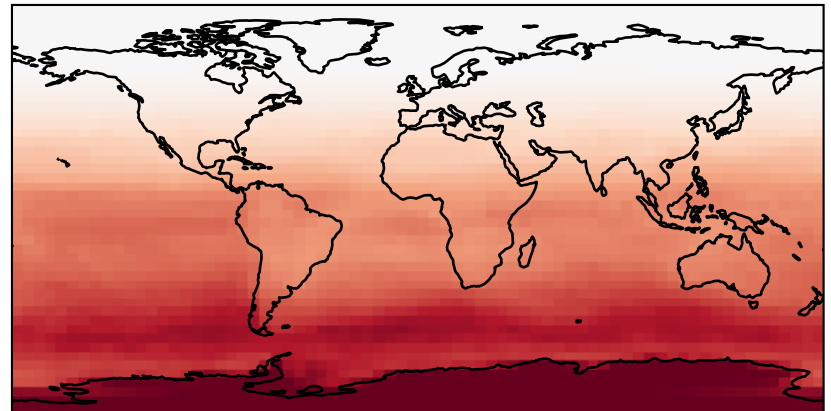
GCC\_13.0.0 (Dev)  
4.0x5.0



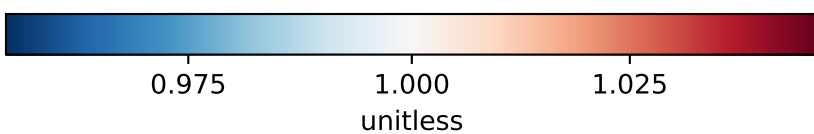
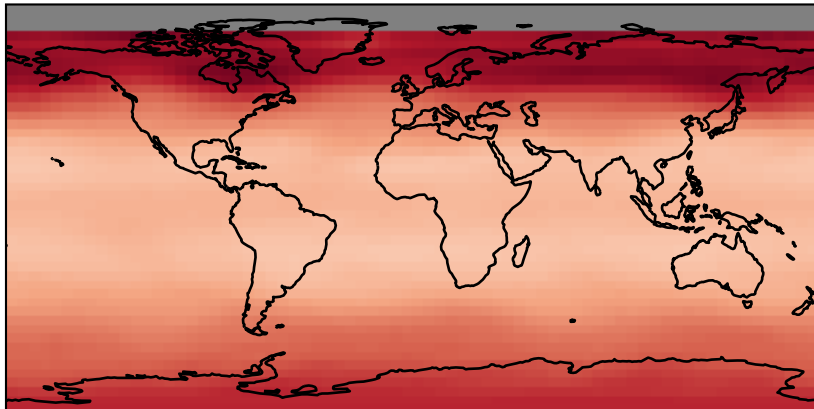
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

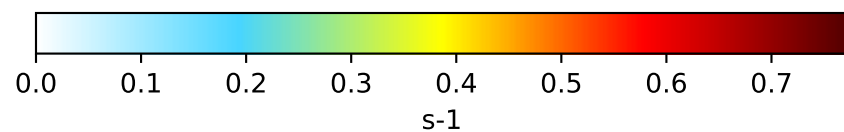
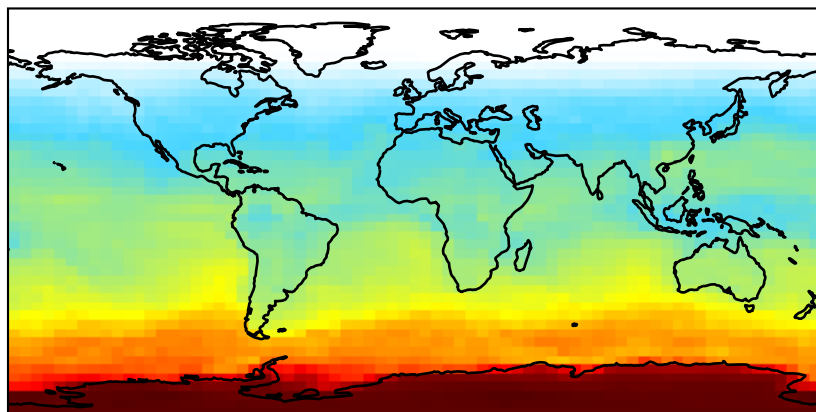


Ratio  
Dev/Ref, Fixed Range

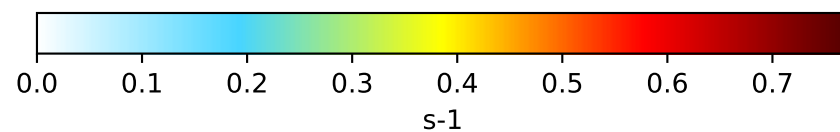
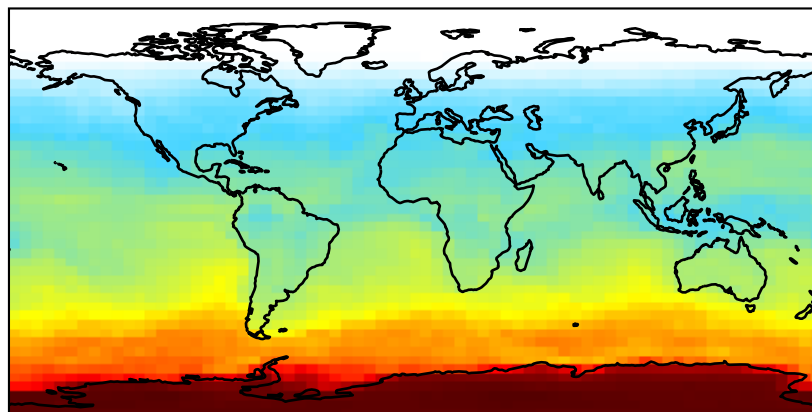


# Jval\_C100 (Jan2019)

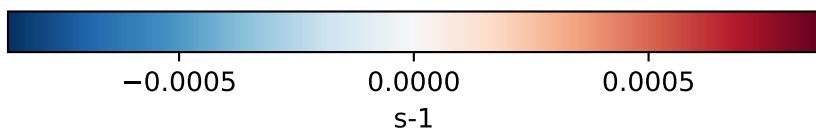
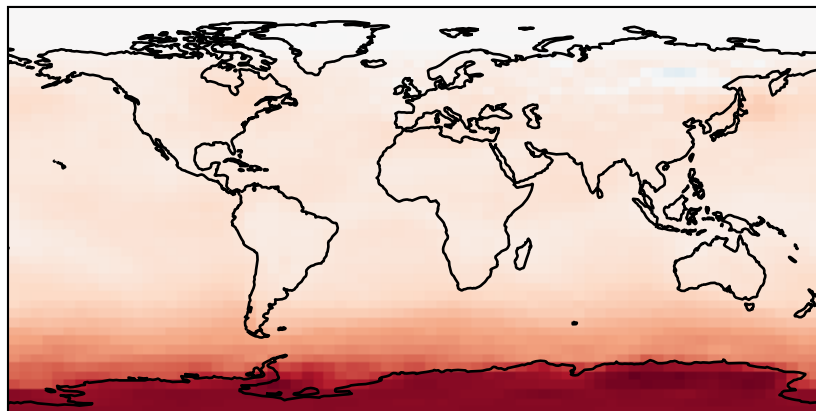
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



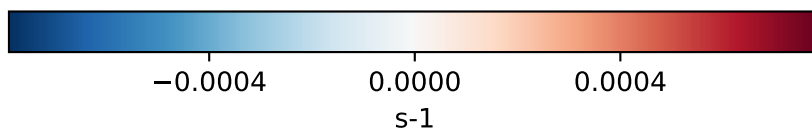
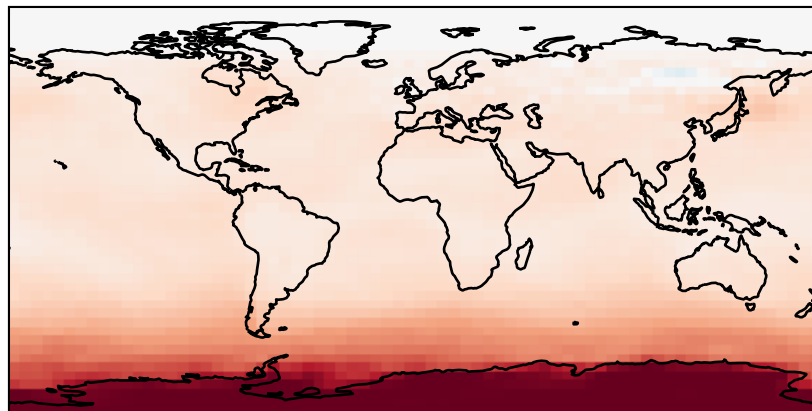
GCC\_13.0.0 (Dev)  
4.0x5.0



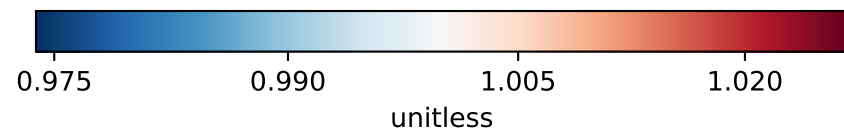
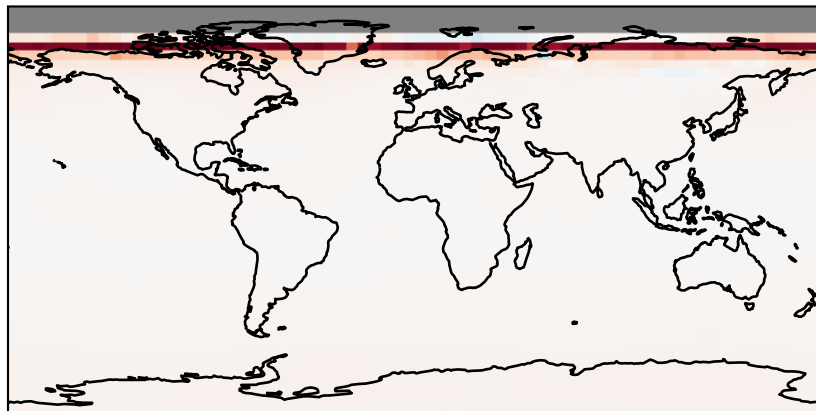
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

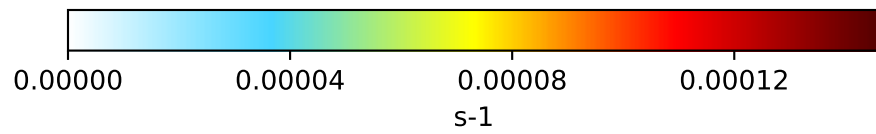
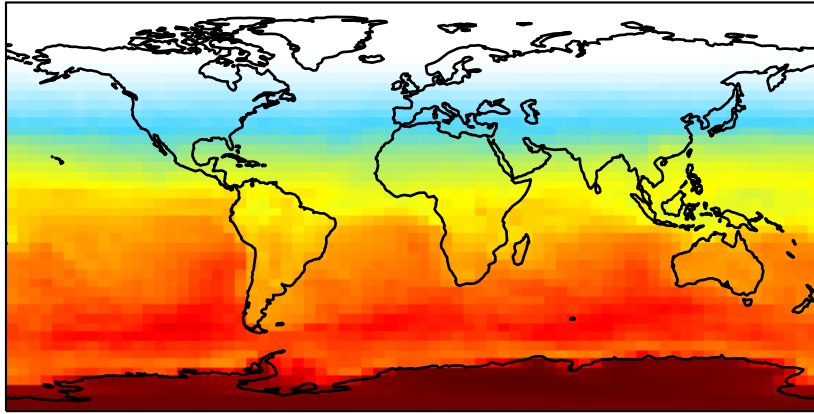


Ratio  
Dev/Ref, Fixed Range

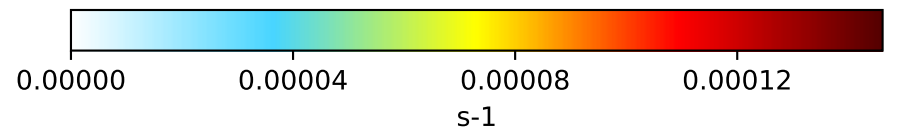
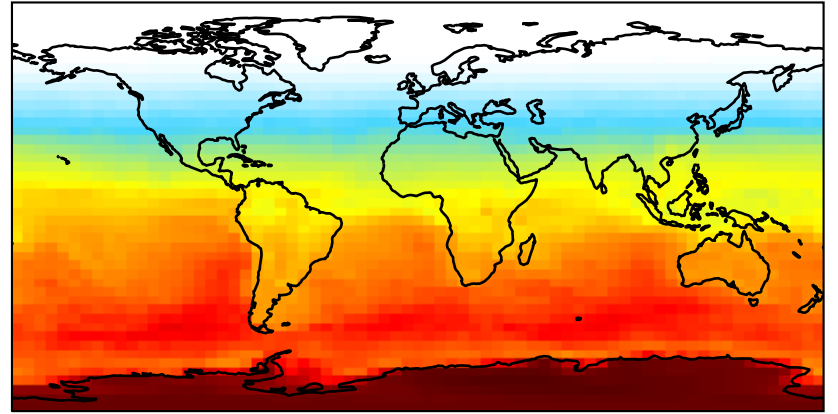


# Jval\_ETHLN (Jan2019)

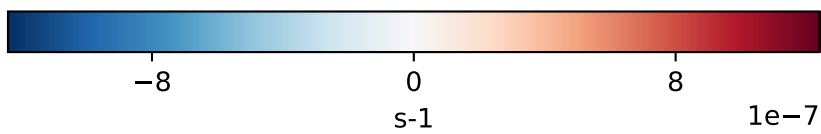
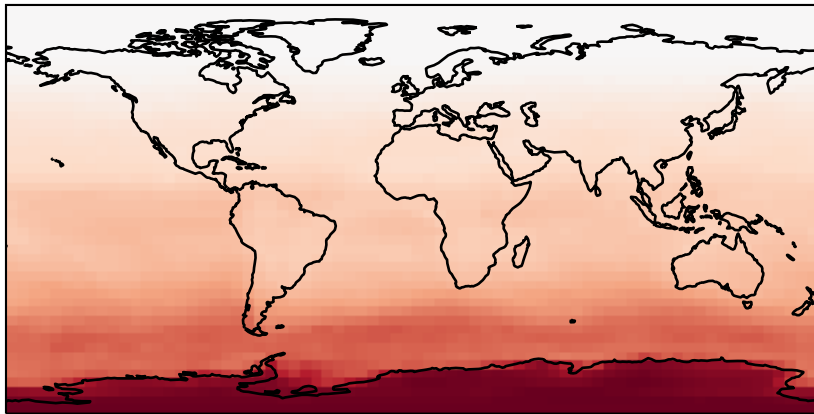
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



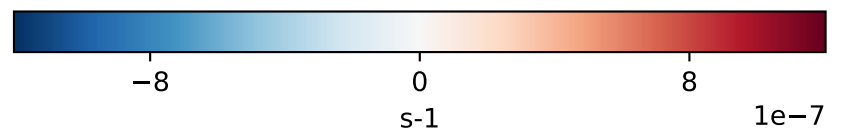
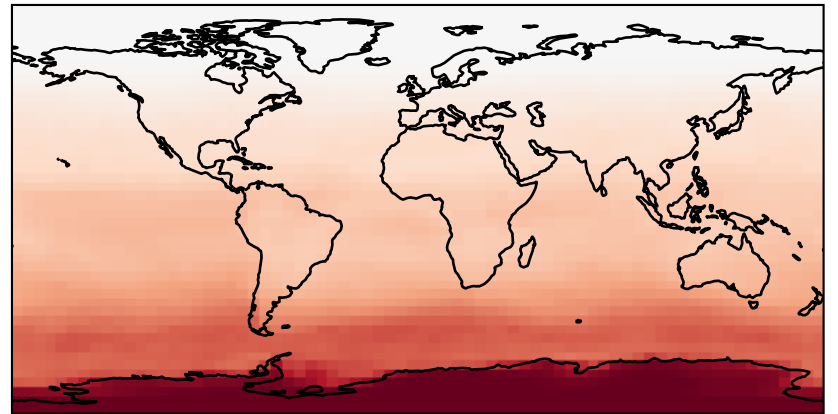
GCC\_13.0.0 (Dev)  
4.0x5.0



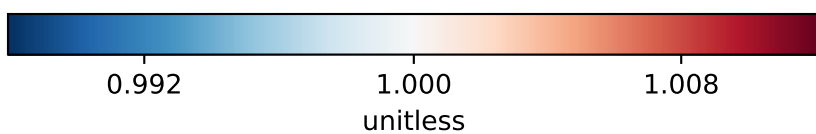
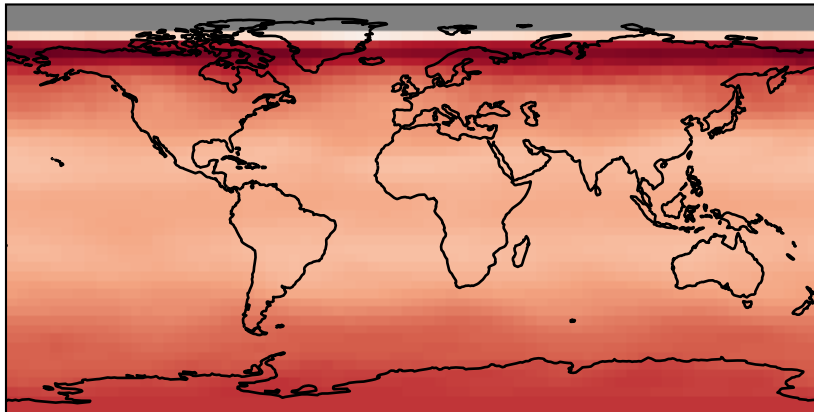
Difference  
Dev - Ref, Dynamic Range



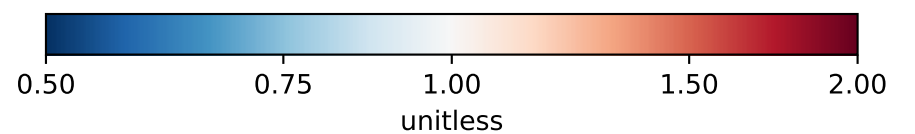
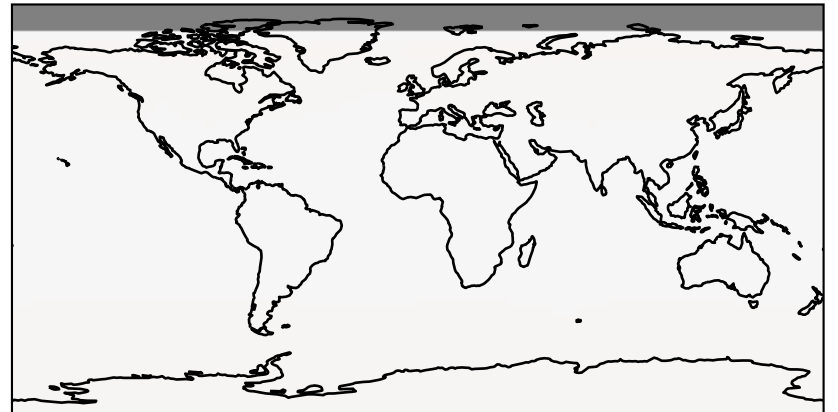
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

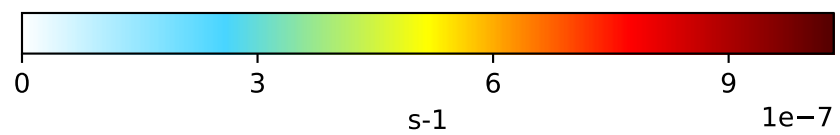
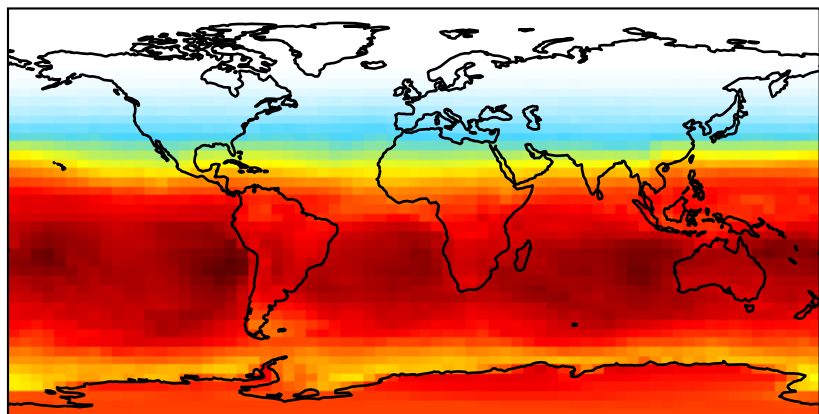


Ratio  
Dev/Ref, Fixed Range

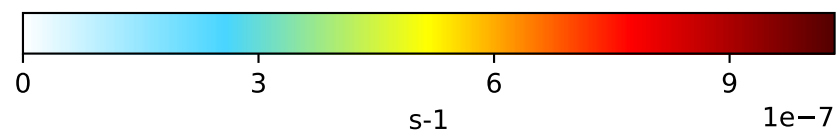
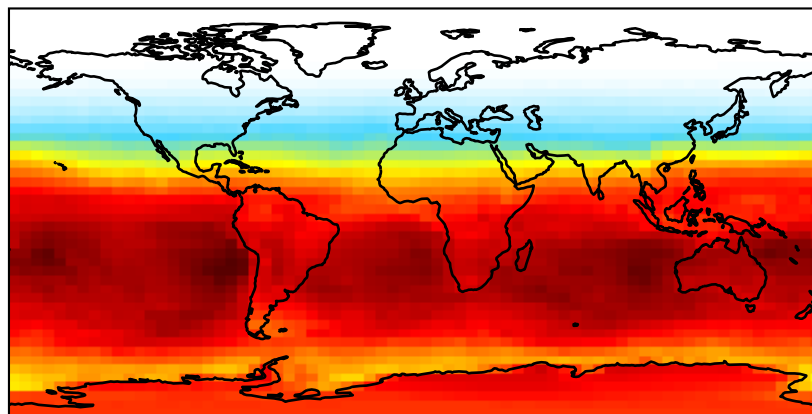


# Jval\_ETNO3 (Jan2019)

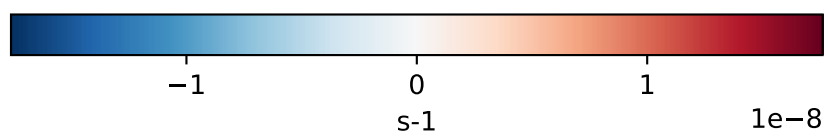
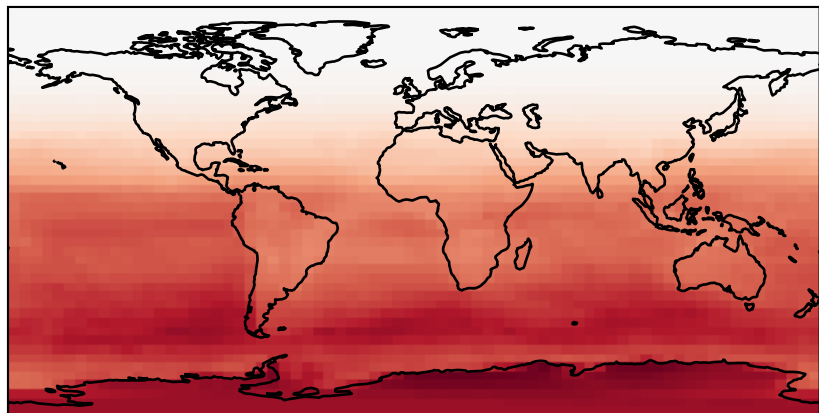
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



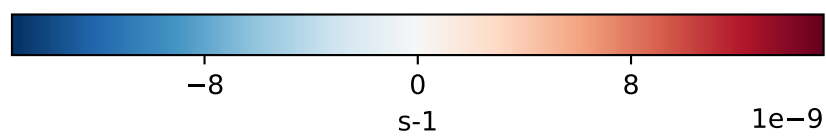
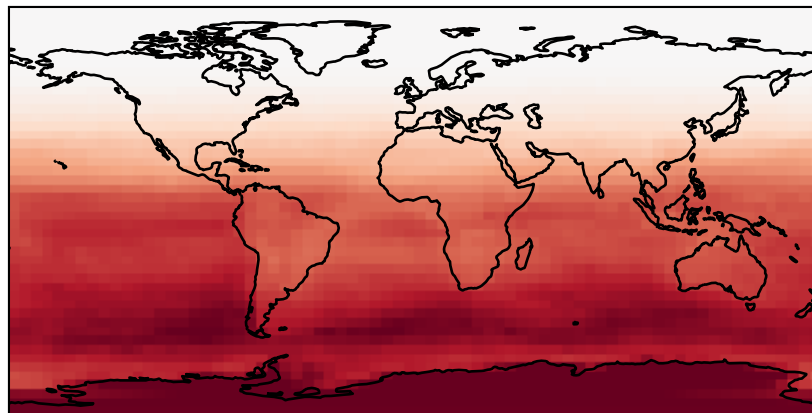
GCC\_13.0.0 (Dev)  
4.0x5.0



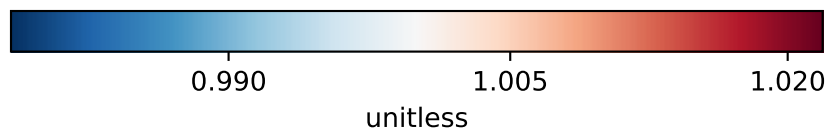
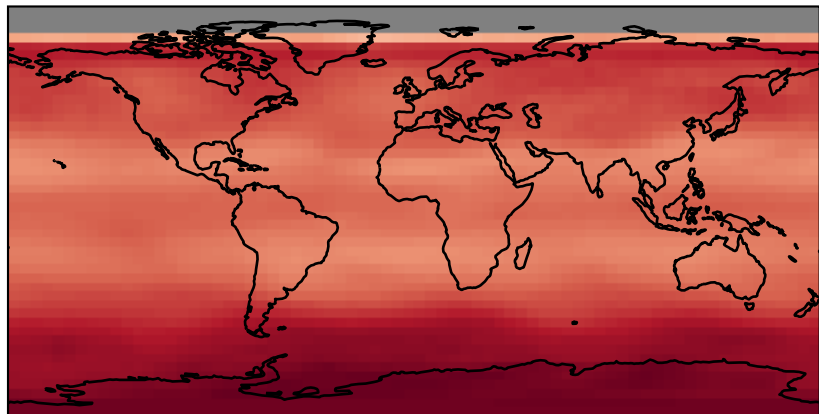
Difference  
Dev - Ref, Dynamic Range



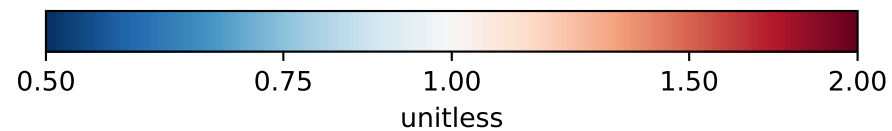
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

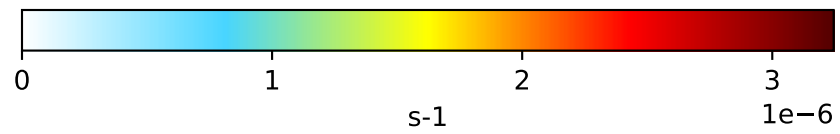
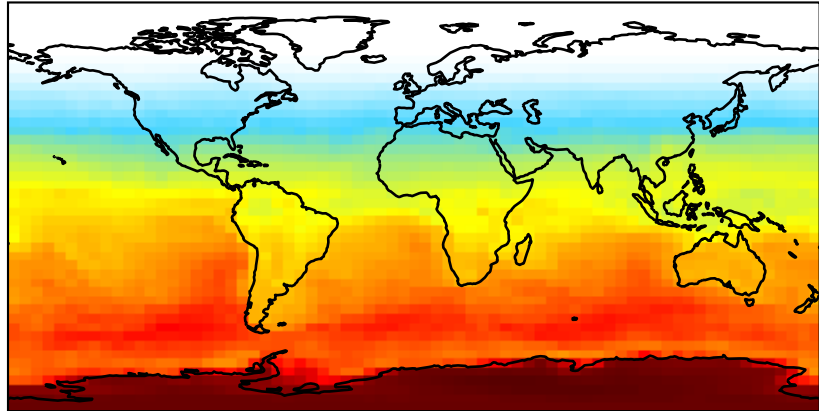


Ratio  
Dev/Ref, Fixed Range

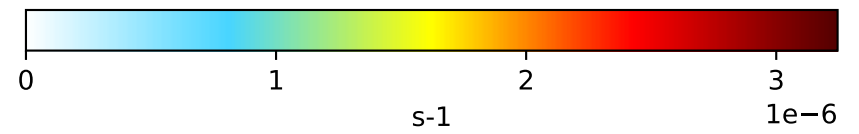
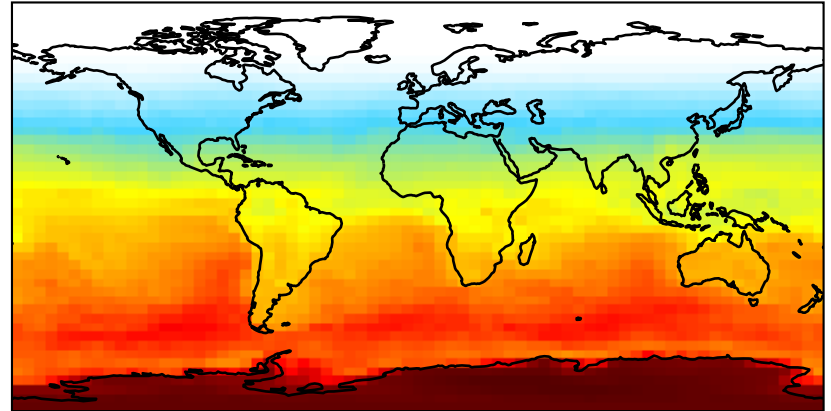


# Jval\_ETP (Jan2019)

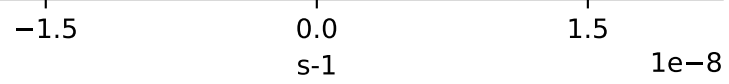
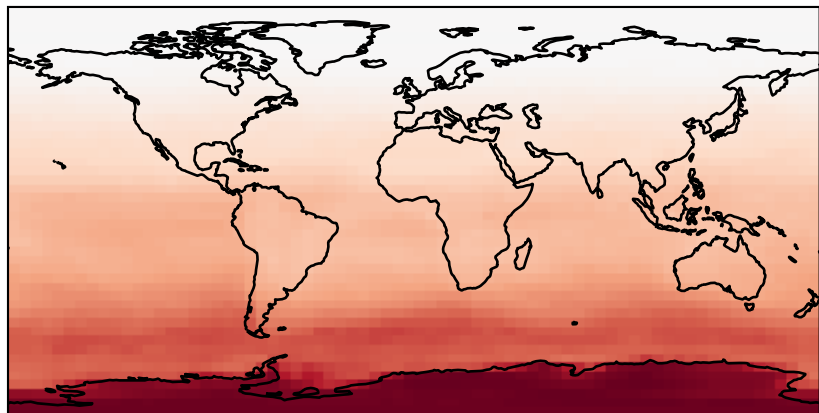
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



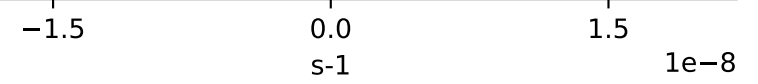
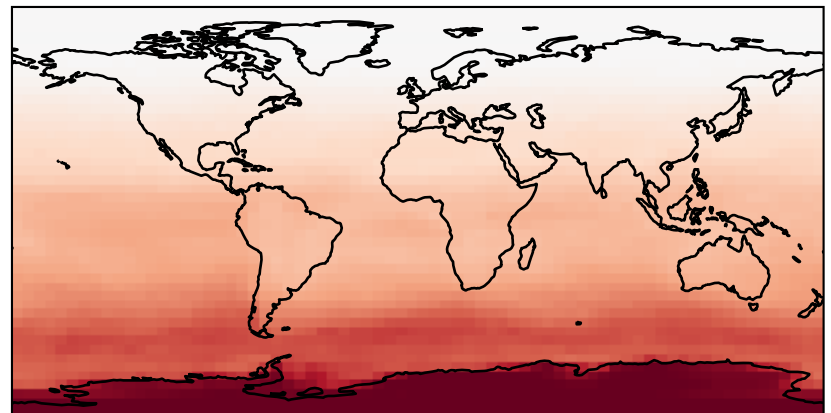
GCC\_13.0.0 (Dev)  
4.0x5.0



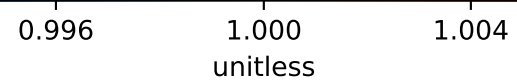
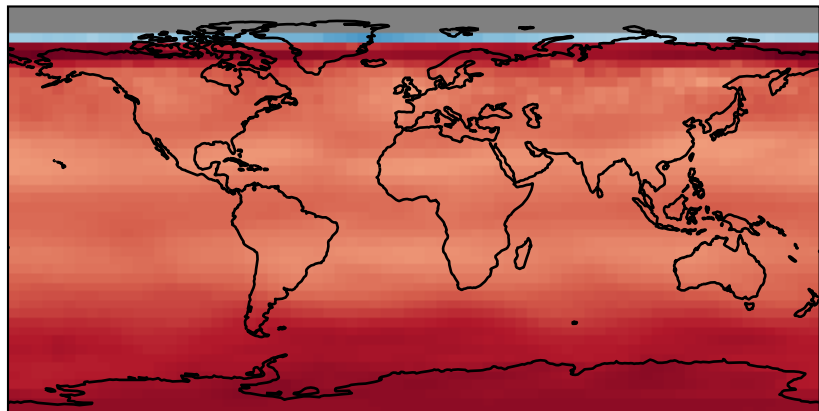
Difference  
Dev - Ref, Dynamic Range



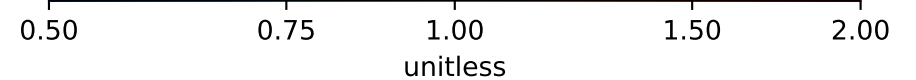
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



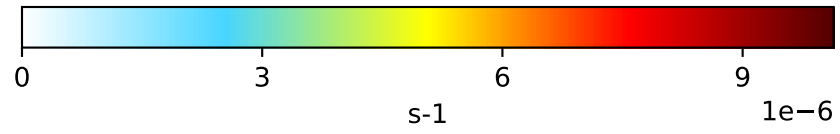
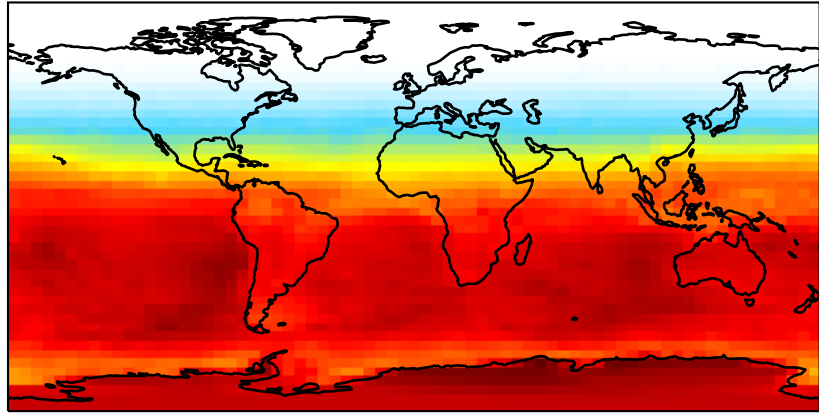
Ratio  
Dev/Ref, Fixed Range



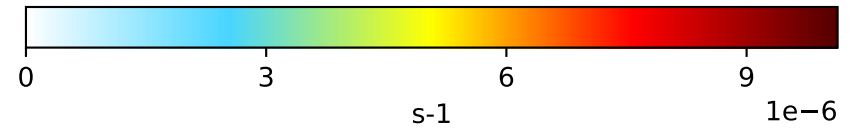
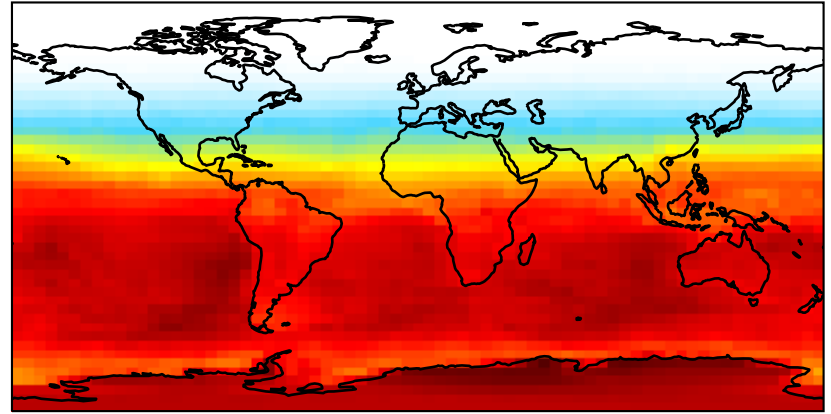


# Jval\_GLYC (Jan2019)

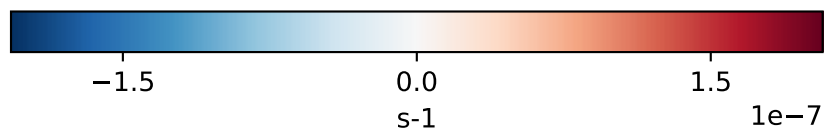
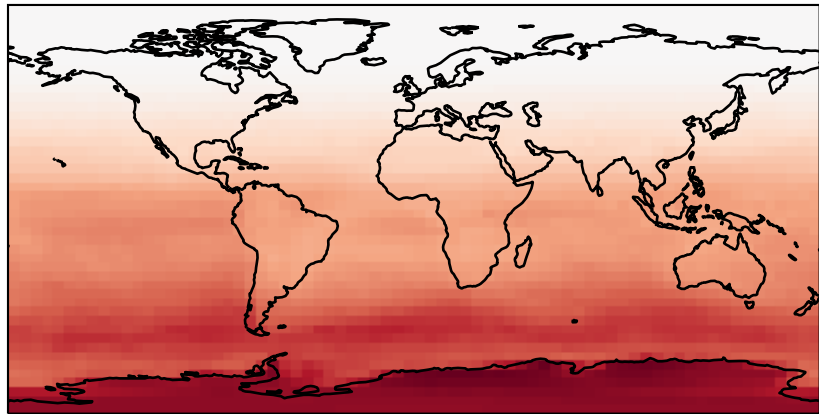
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



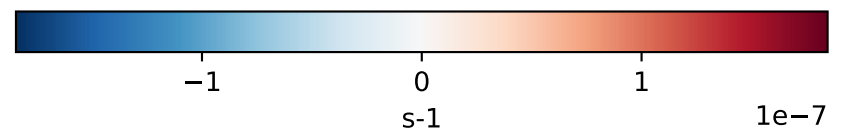
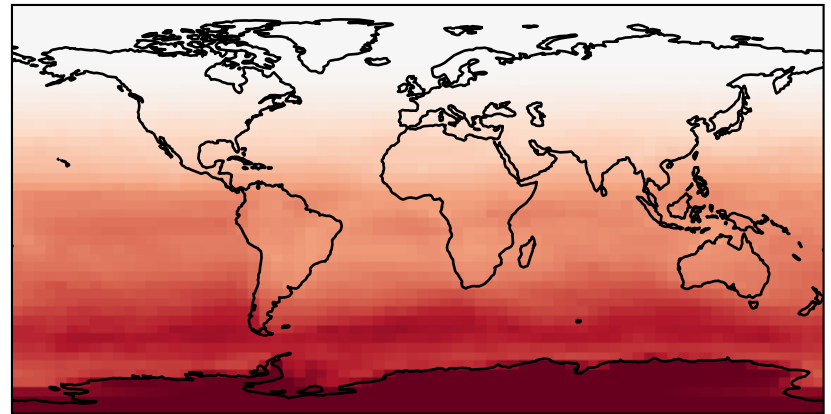
GCC\_13.0.0 (Dev)  
4.0x5.0



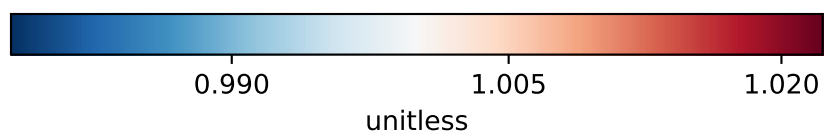
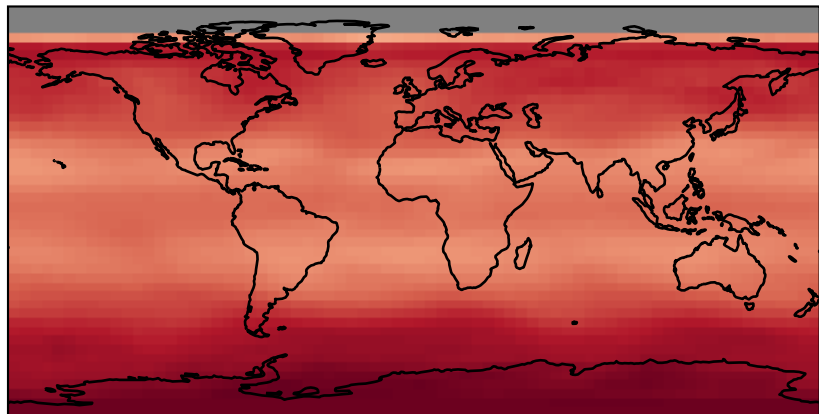
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

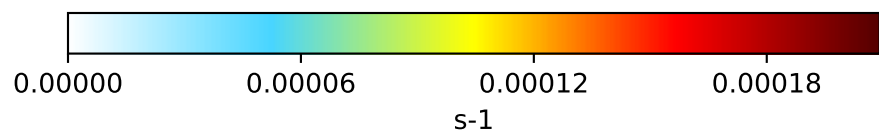
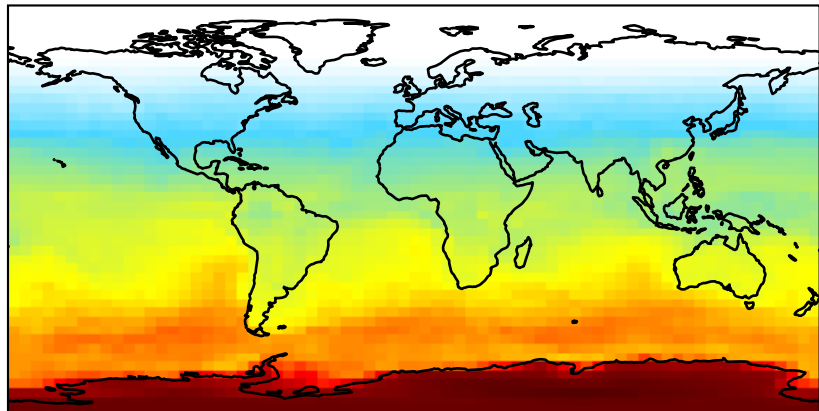


Ratio  
Dev/Ref, Fixed Range

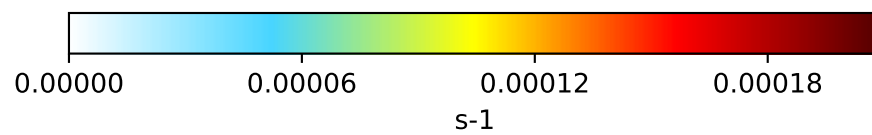
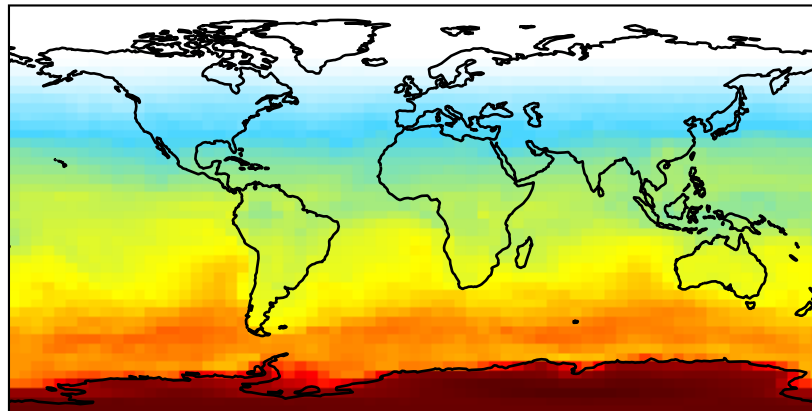


# Jval\_GLYX (Jan2019)

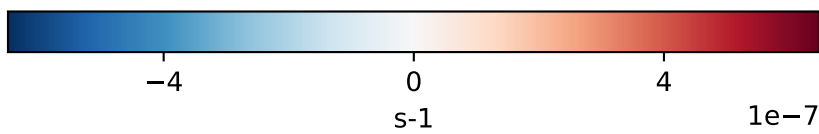
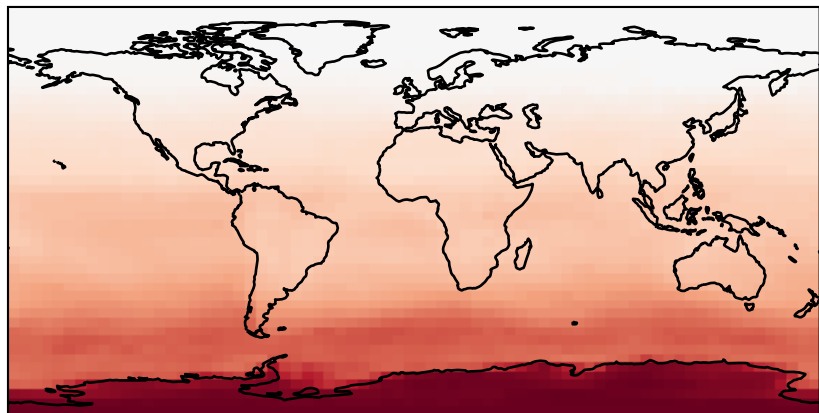
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



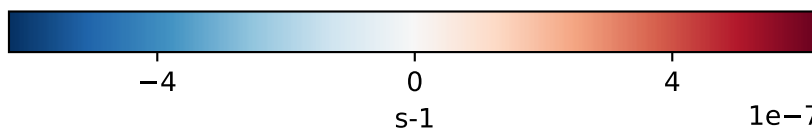
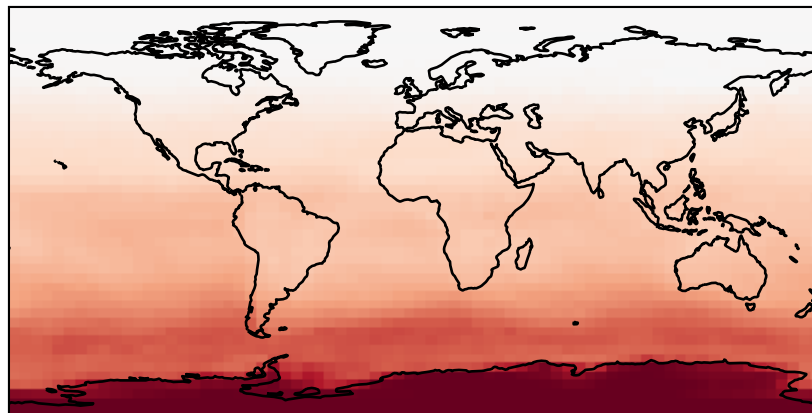
GCC\_13.0.0 (Dev)  
4.0x5.0



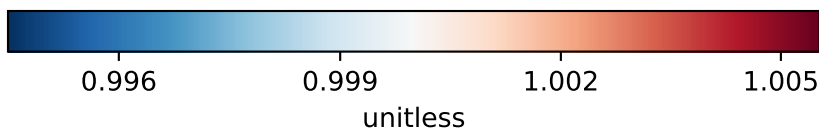
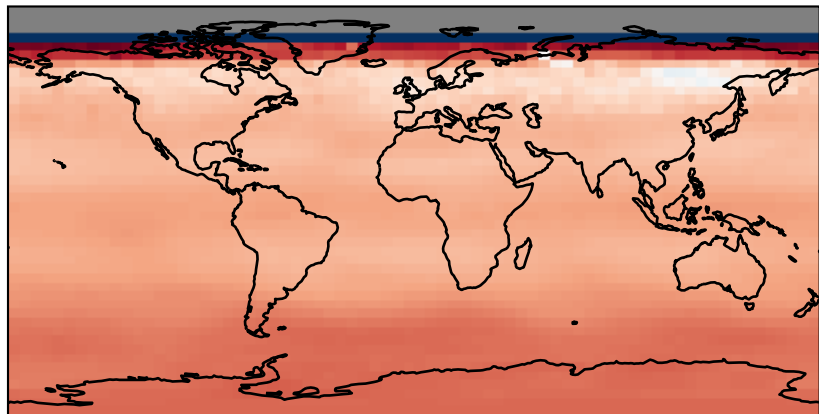
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

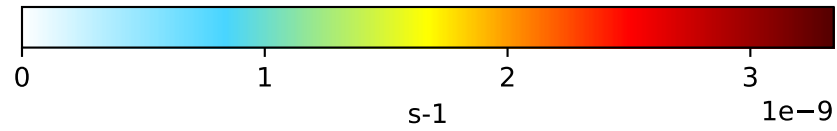
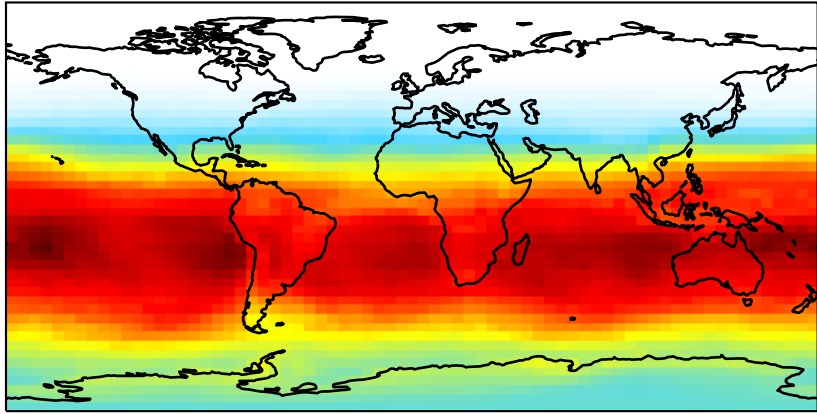


Ratio  
Dev/Ref, Fixed Range

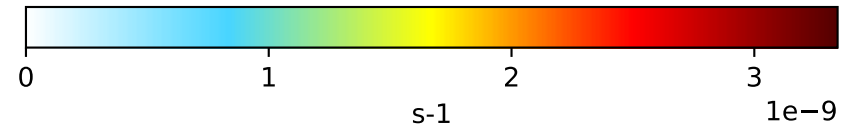
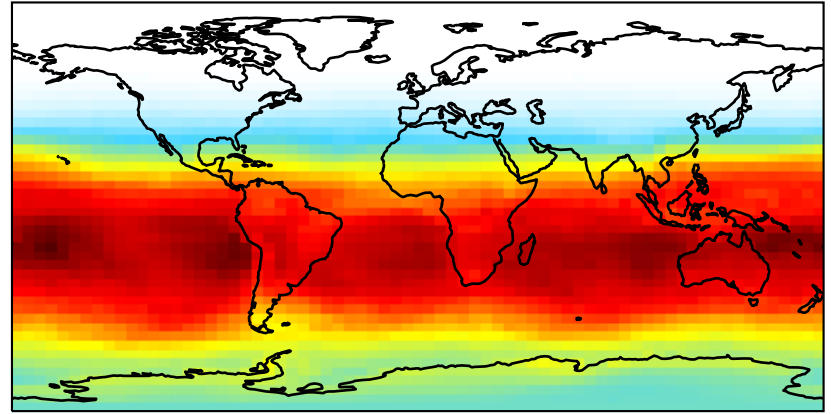


# Jval\_H1211 (Jan2019)

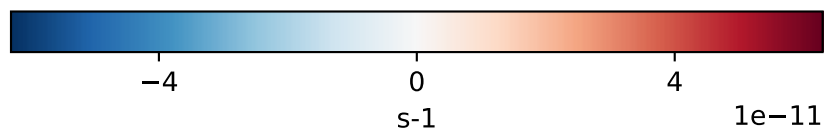
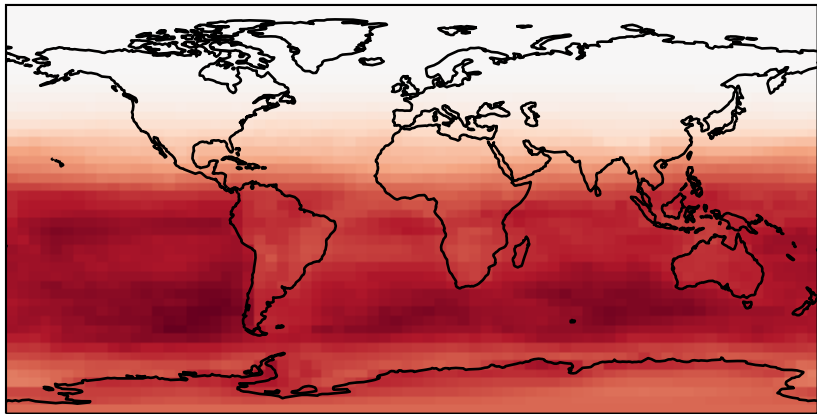
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



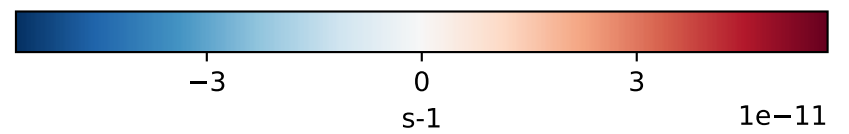
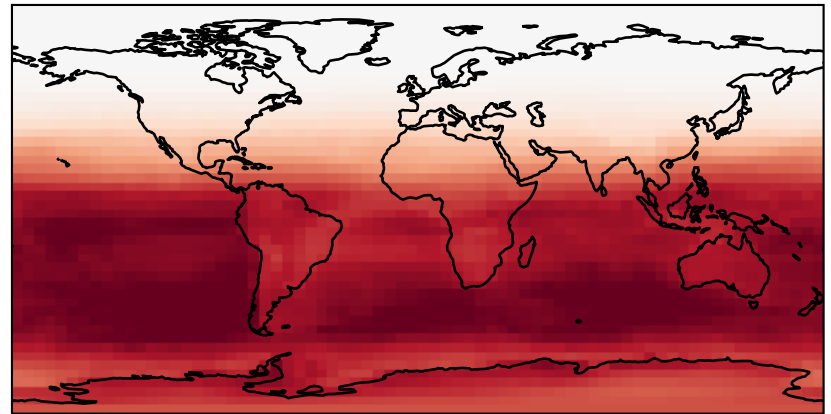
GCC\_13.0.0 (Dev)  
4.0x5.0



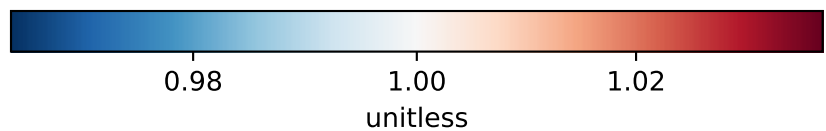
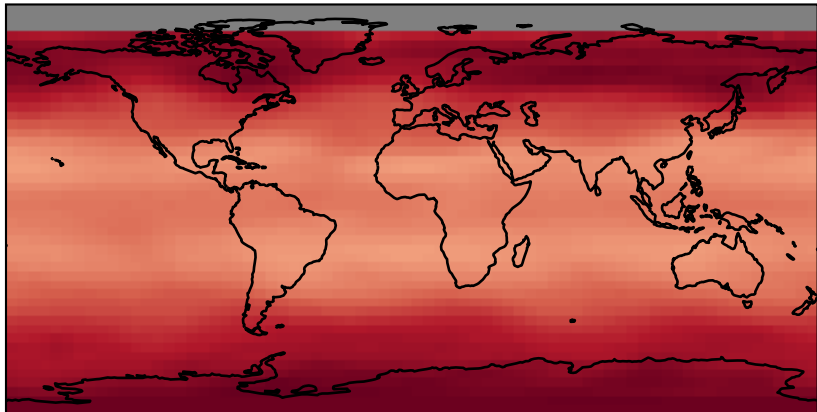
Difference  
Dev - Ref, Dynamic Range



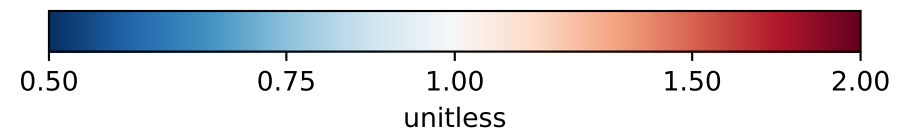
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

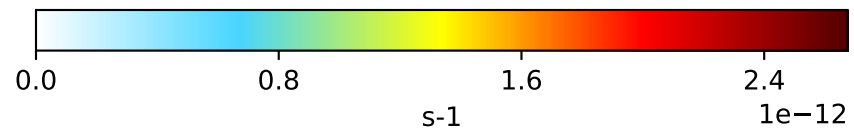
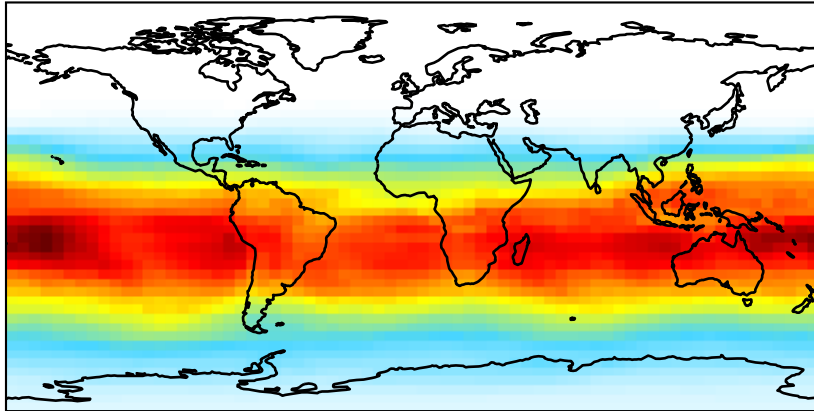


Ratio  
Dev/Ref, Fixed Range

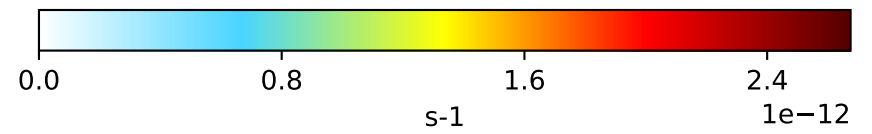
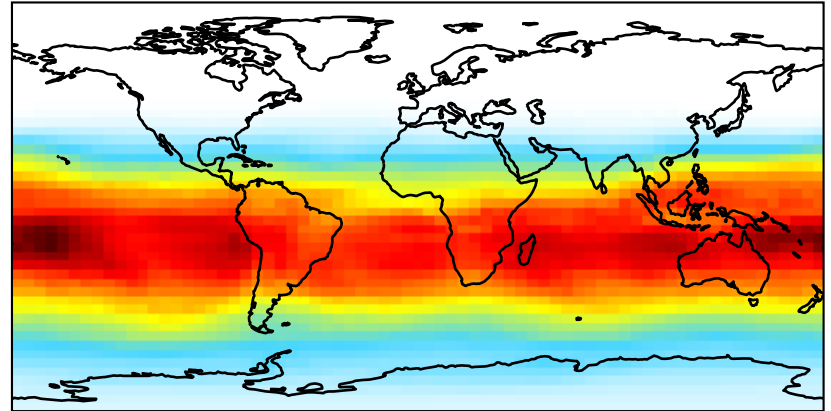


# Jval\_H1301 (Jan2019)

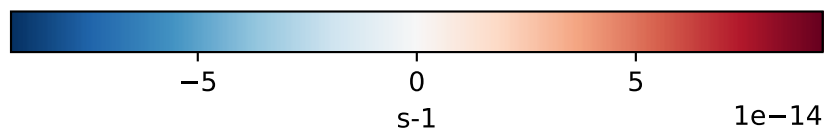
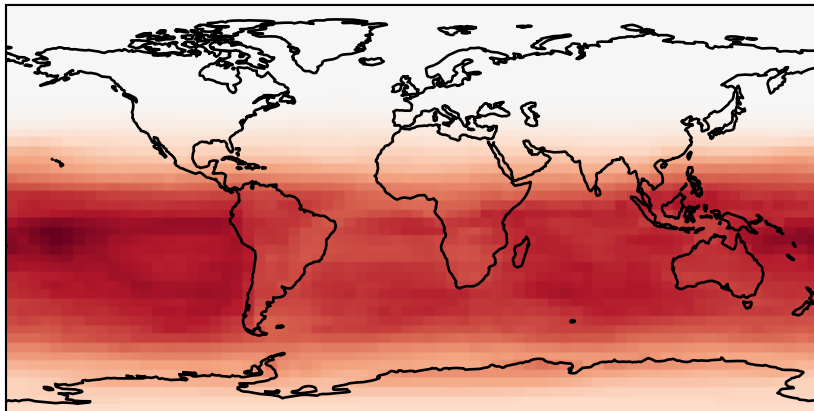
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



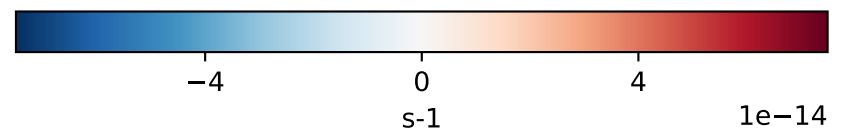
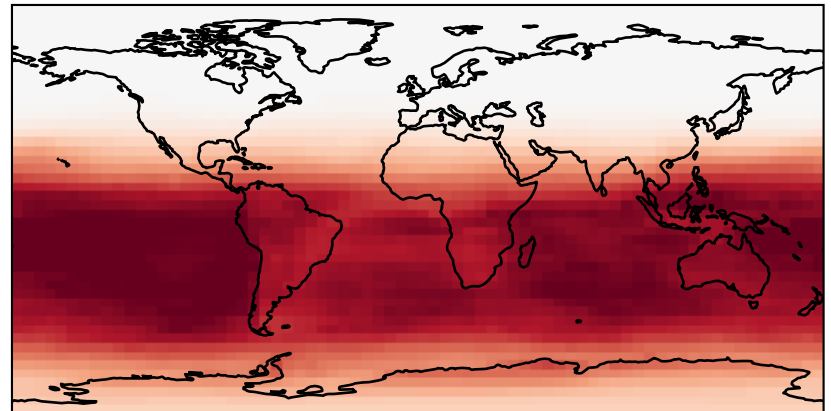
GCC\_13.0.0 (Dev)  
4.0x5.0



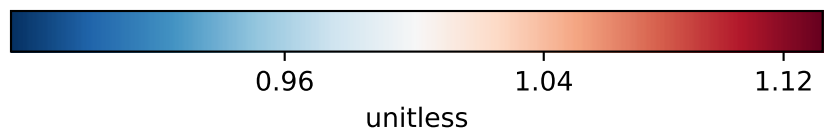
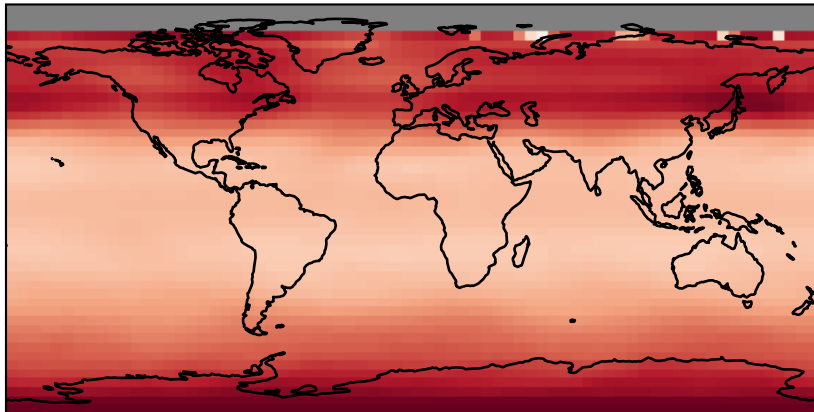
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

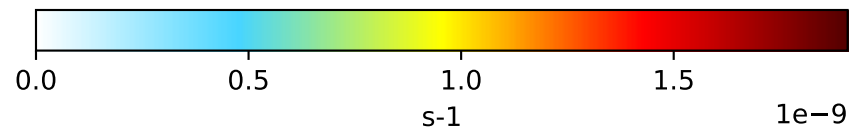
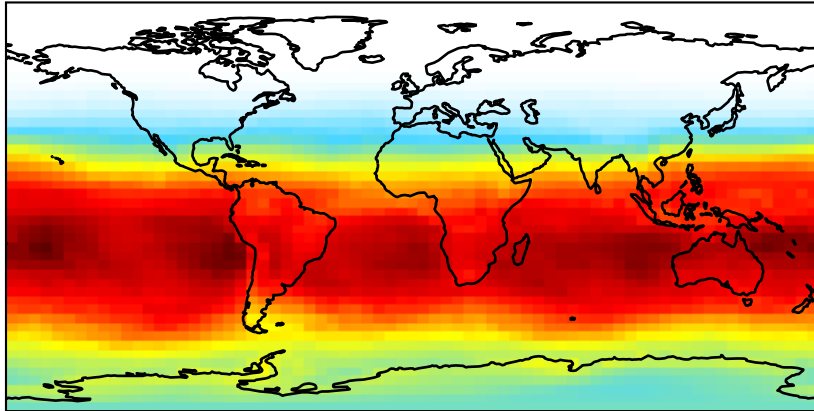


Ratio  
Dev/Ref, Fixed Range

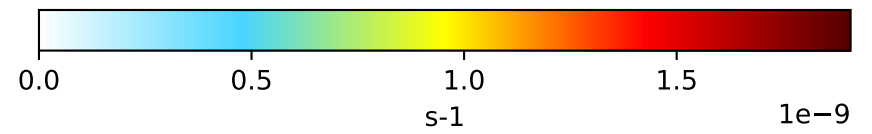
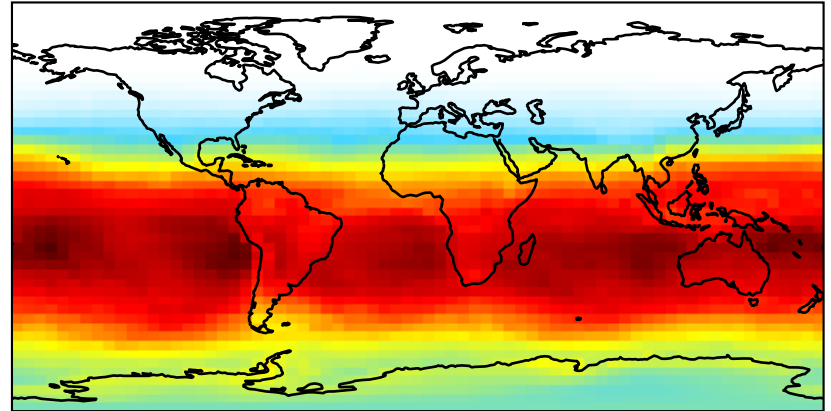


# Jval\_H2402 (Jan2019)

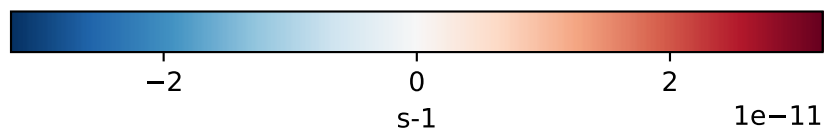
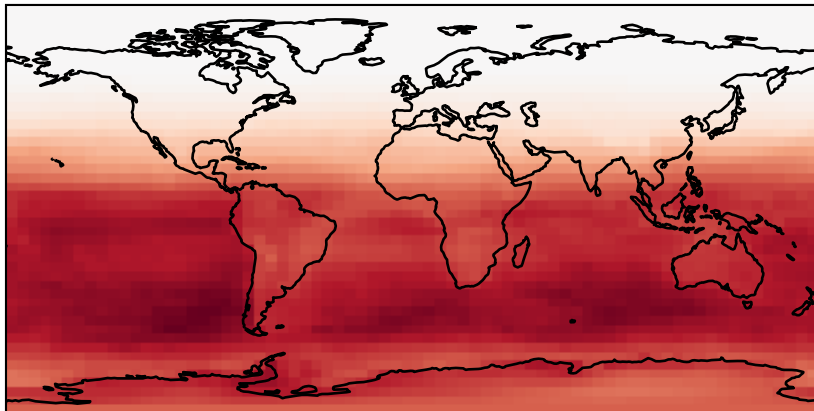
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



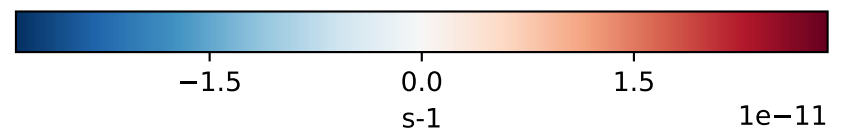
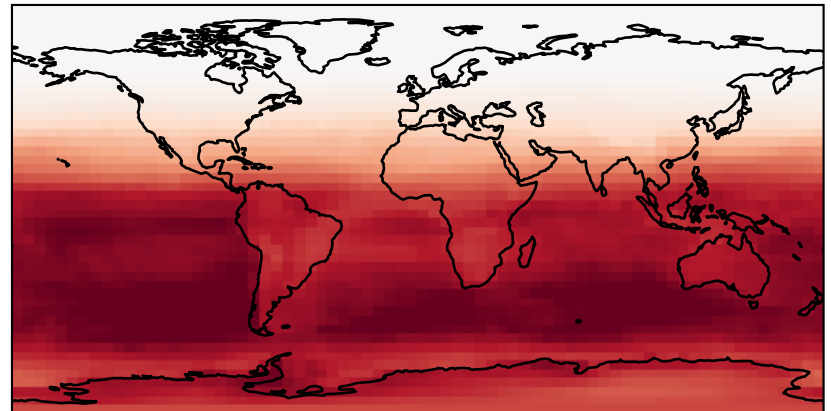
GCC\_13.0.0 (Dev)  
4.0x5.0



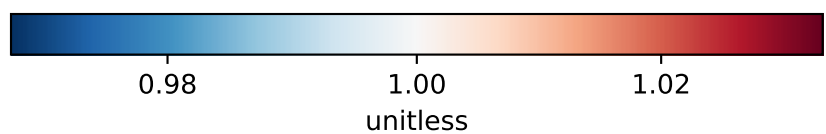
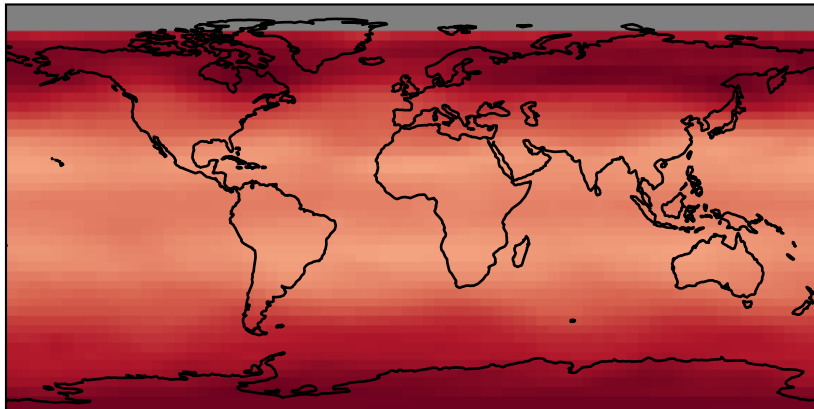
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range



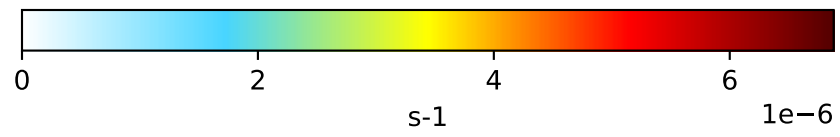
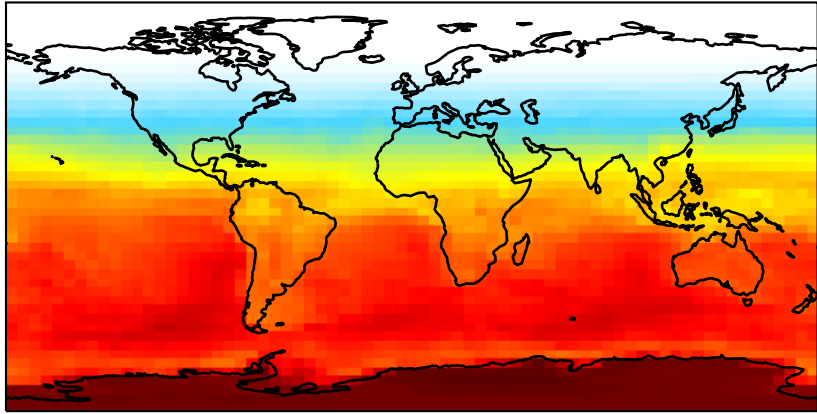
Ratio  
Dev/Ref, Fixed Range



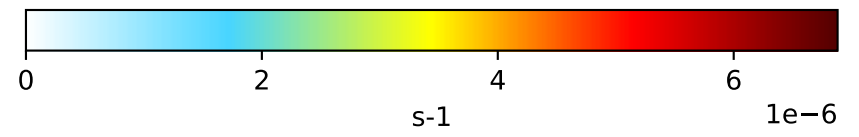
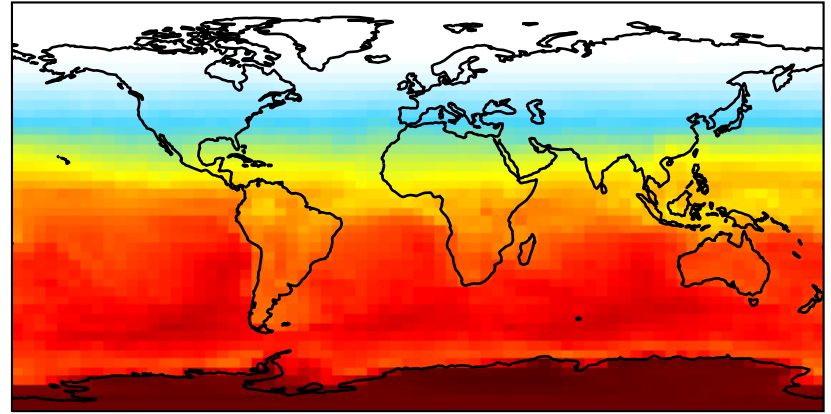


# Jval\_H2O2 (Jan2019)

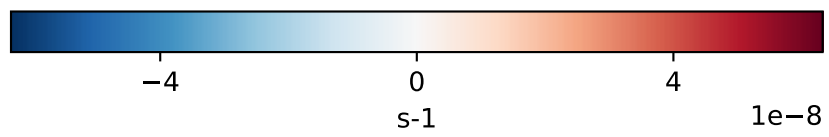
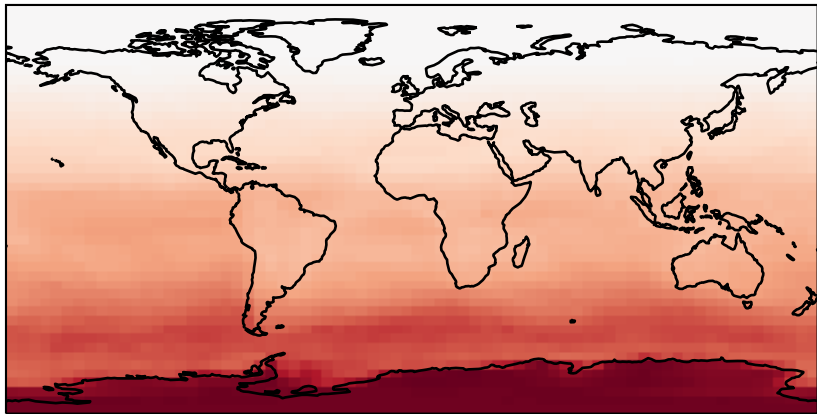
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



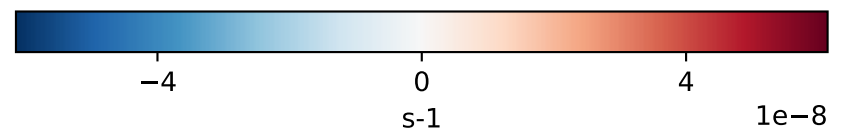
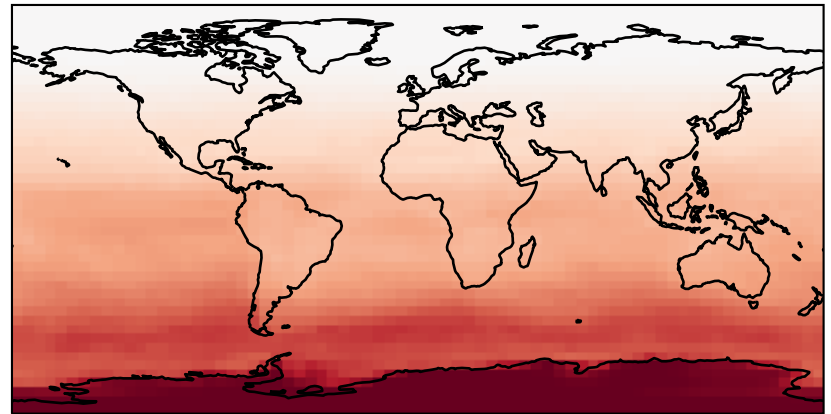
GCC\_13.0.0 (Dev)  
4.0x5.0



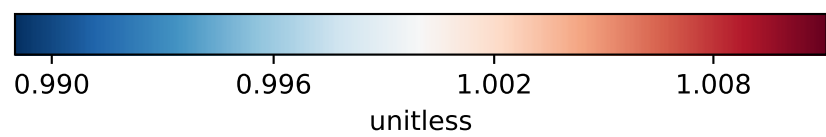
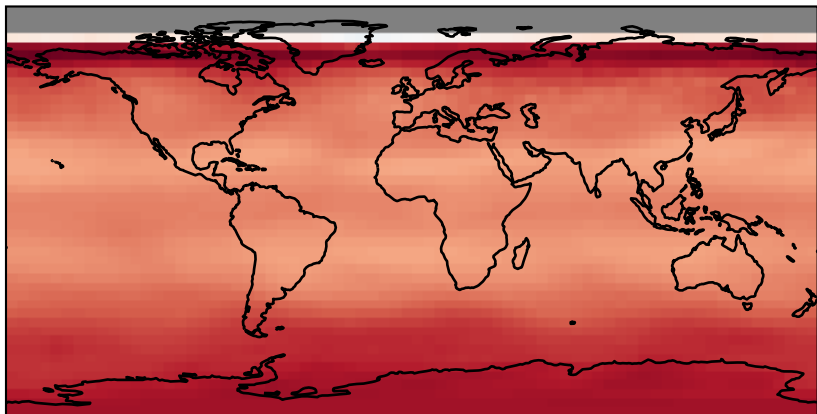
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

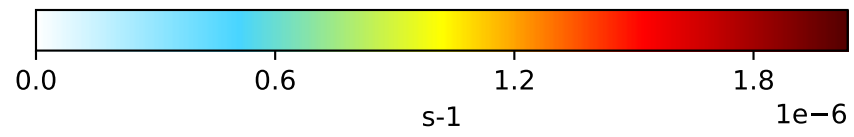
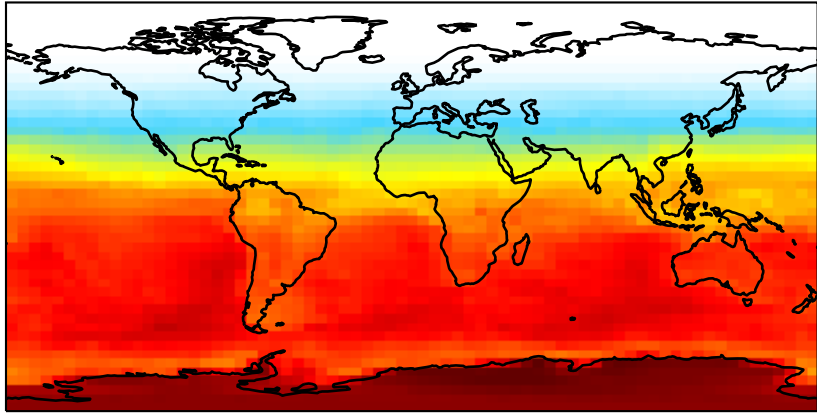


Ratio  
Dev/Ref, Fixed Range

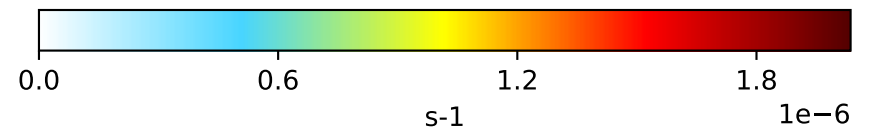
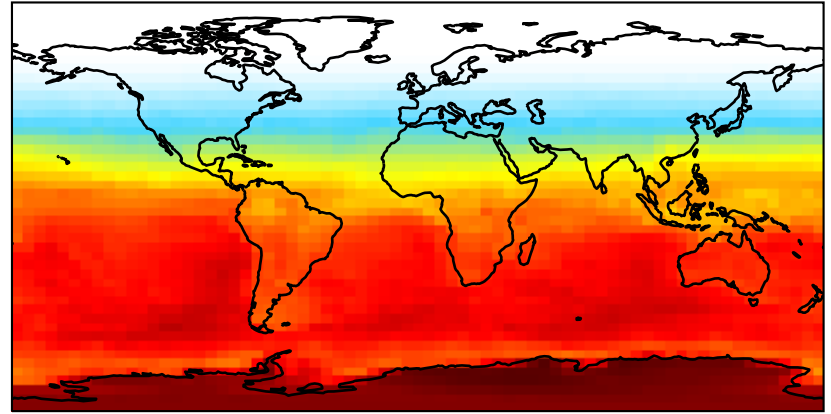


# Jval\_HAC (Jan2019)

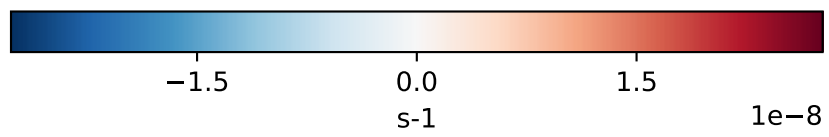
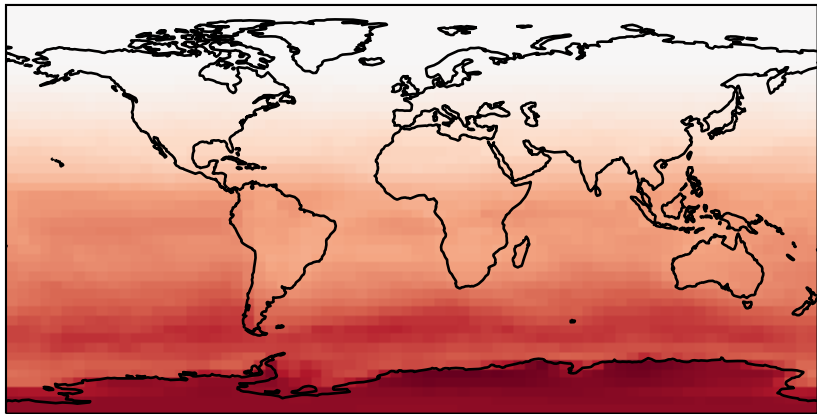
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



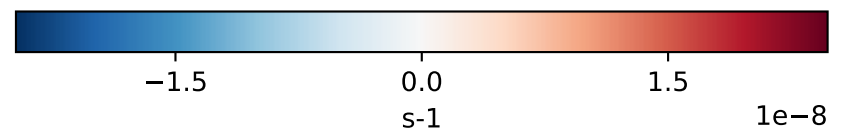
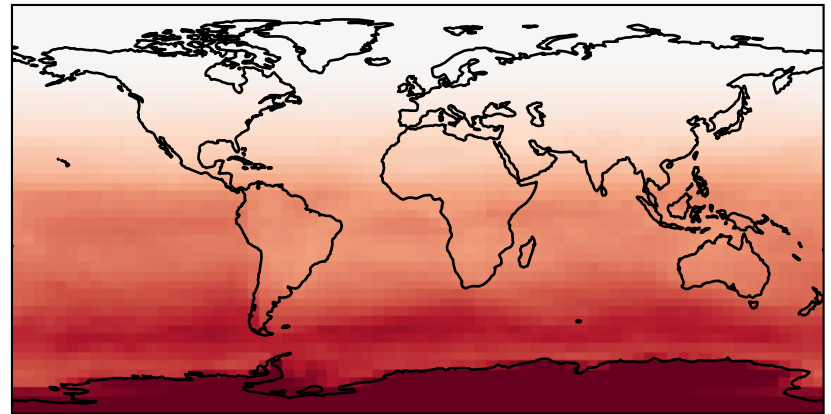
GCC\_13.0.0 (Dev)  
4.0x5.0



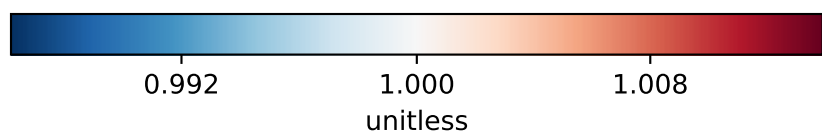
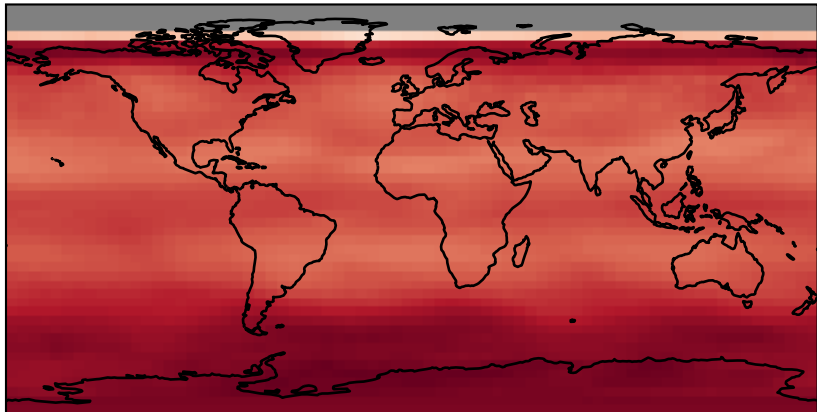
Difference  
Dev - Ref, Dynamic Range



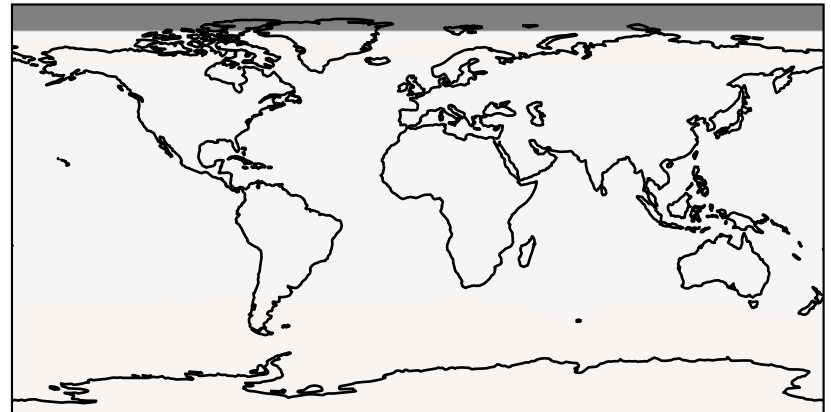
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



Ratio  
Dev/Ref, Fixed Range



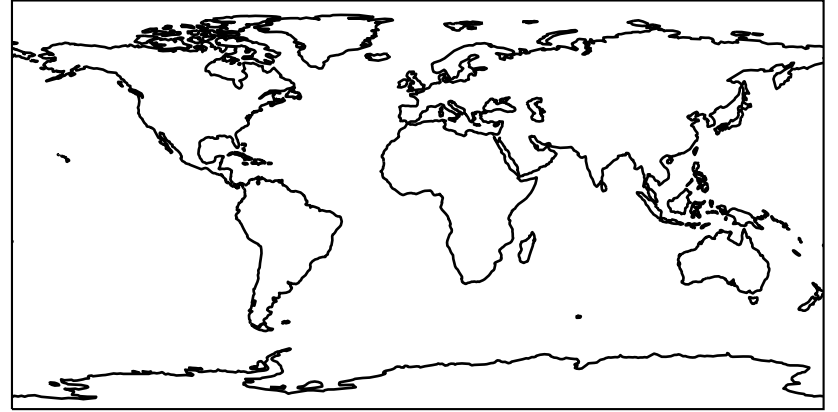
# Jval\_HC5A (Jan2019)

GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



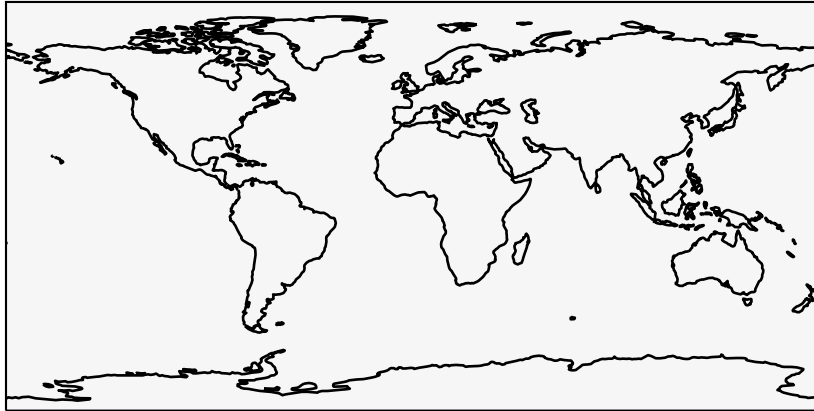
Zero throughout domain  
s-1

GCC\_13.0.0 (Dev)  
4.0x5.0



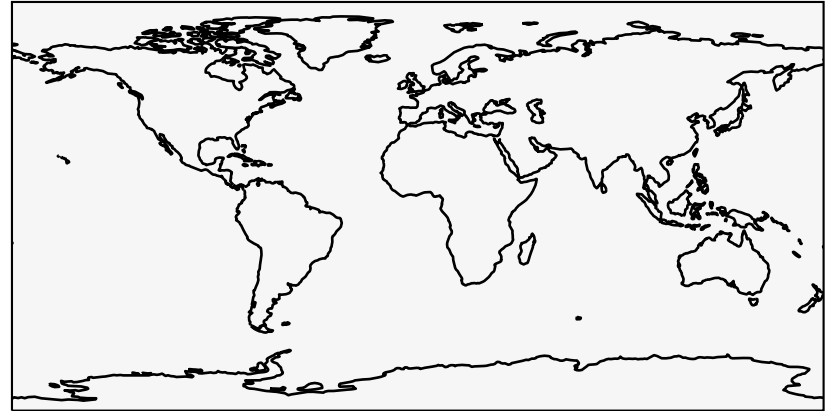
Zero throughout domain  
s-1

Difference  
Dev - Ref, Dynamic Range



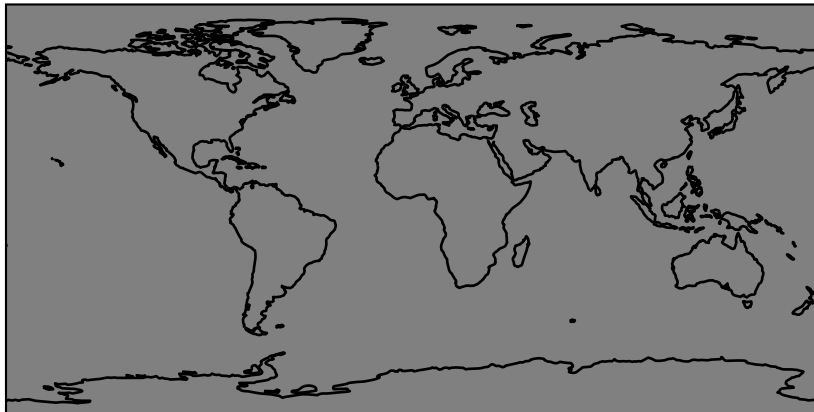
Zero throughout domain  
s-1

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



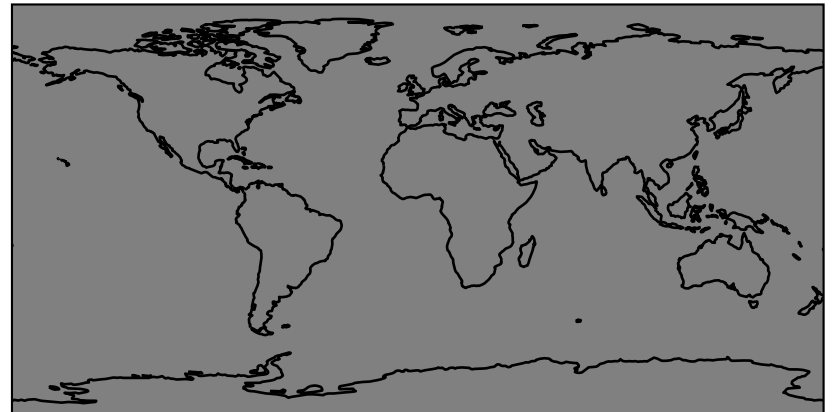
Zero throughout domain  
s-1

Ratio  
Dev/Ref, Dynamic Range



Undefined throughout domain  
unitless

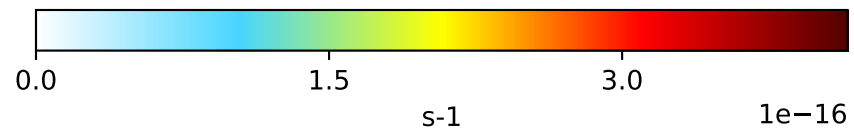
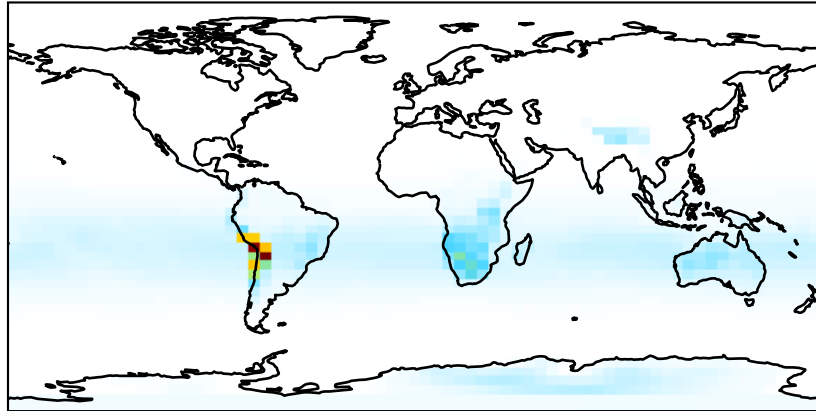
Ratio  
Dev/Ref, Fixed Range



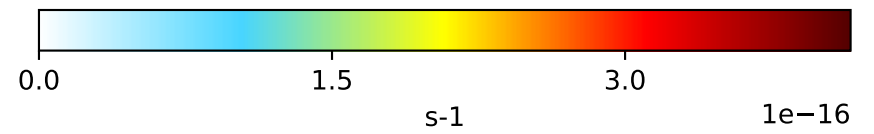
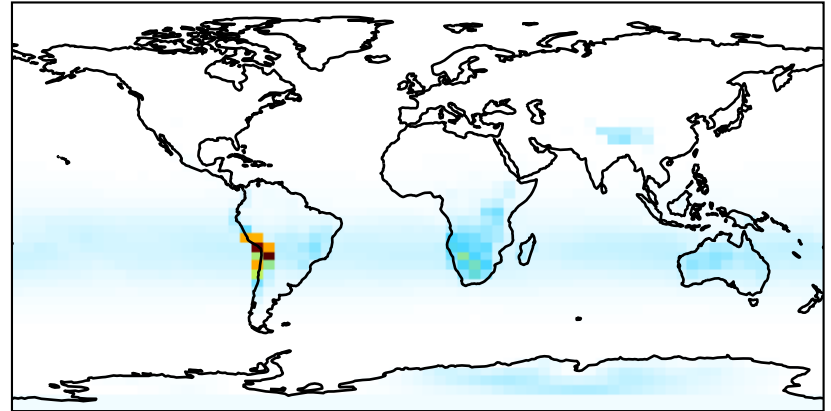
Undefined throughout domain  
unitless

# Jval\_HCFC123 (Jan2019)

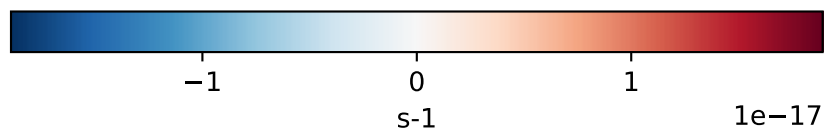
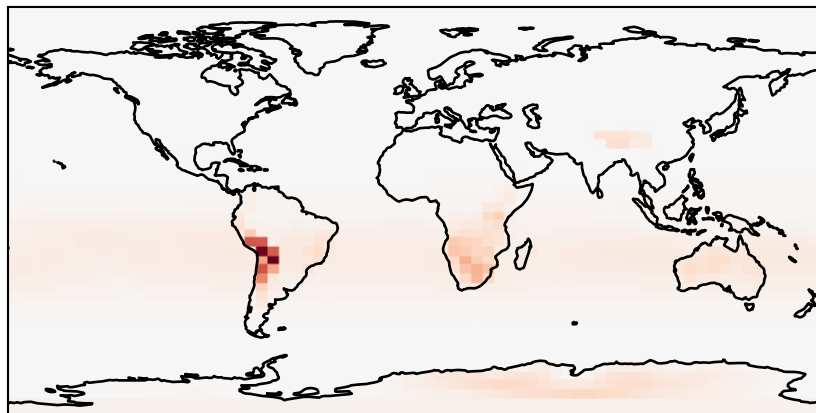
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



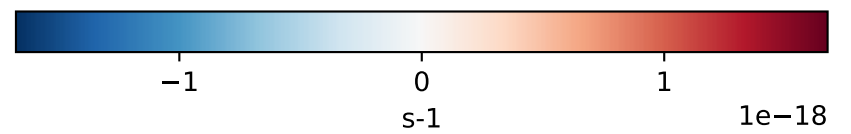
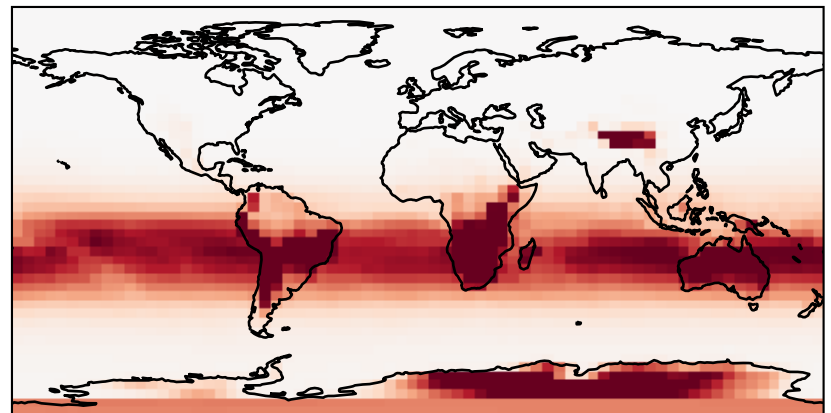
GCC\_13.0.0 (Dev)  
4.0x5.0



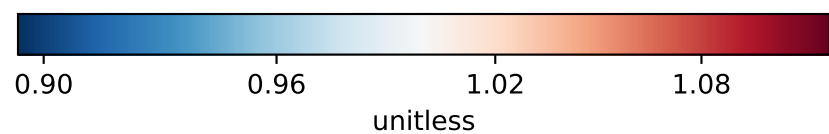
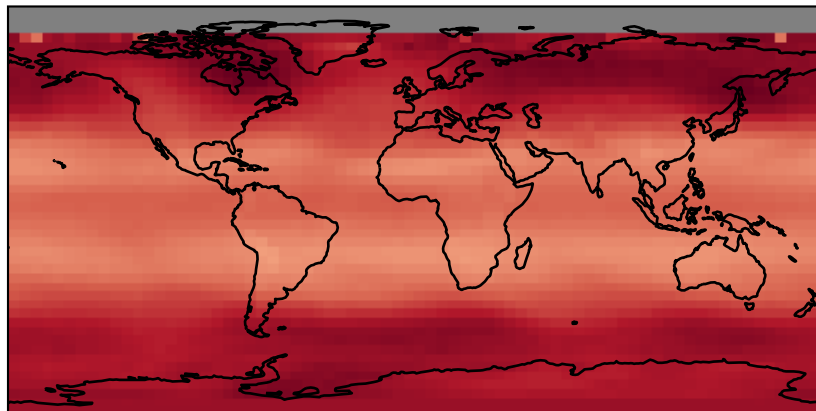
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

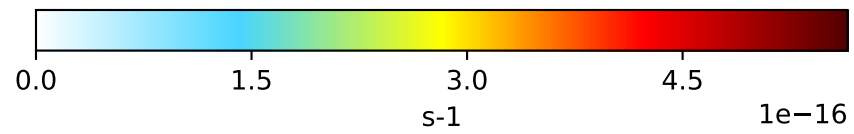
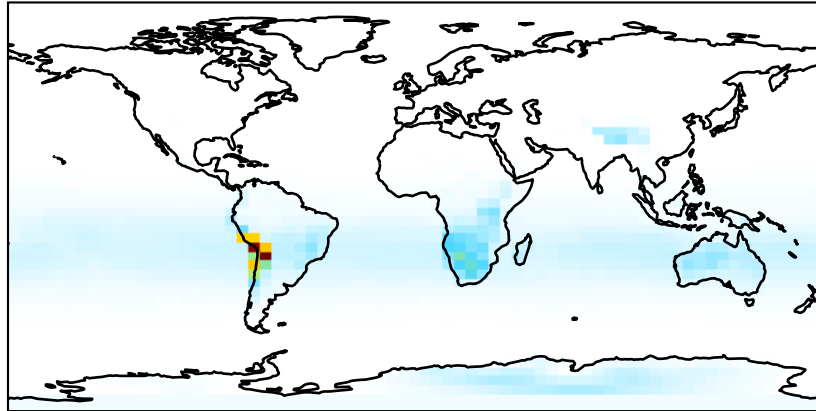


Ratio  
Dev/Ref, Fixed Range

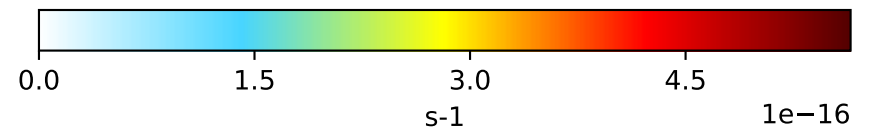
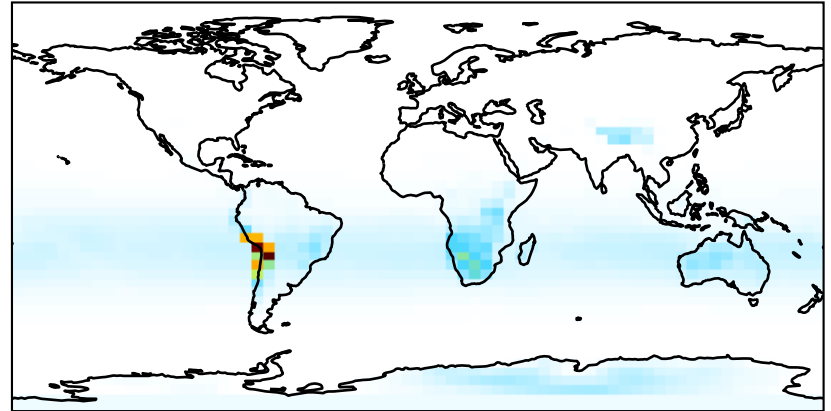


# Jval\_HCFC141b (Jan2019)

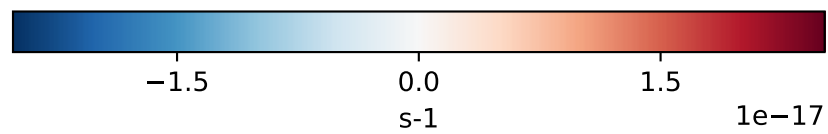
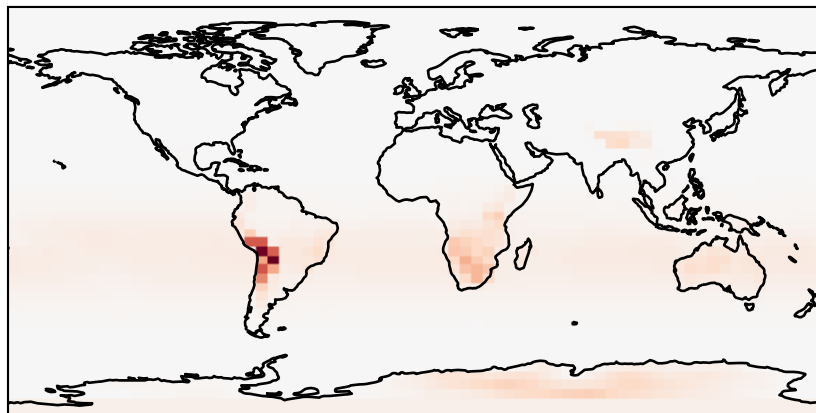
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



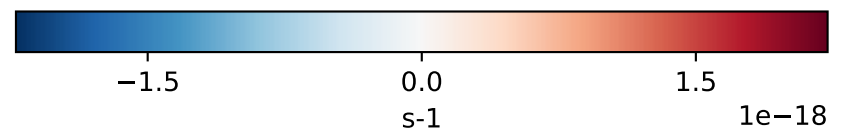
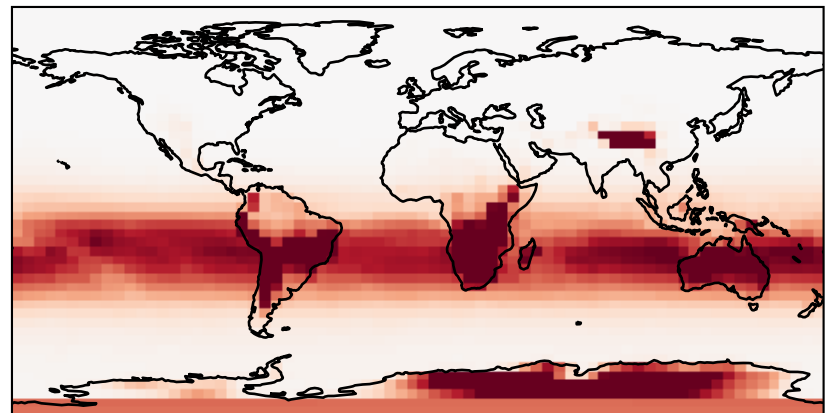
GCC\_13.0.0 (Dev)  
4.0x5.0



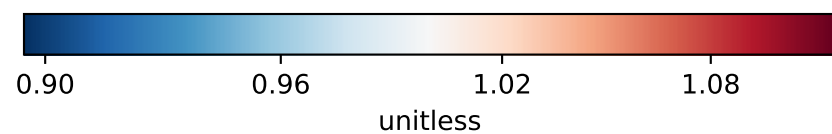
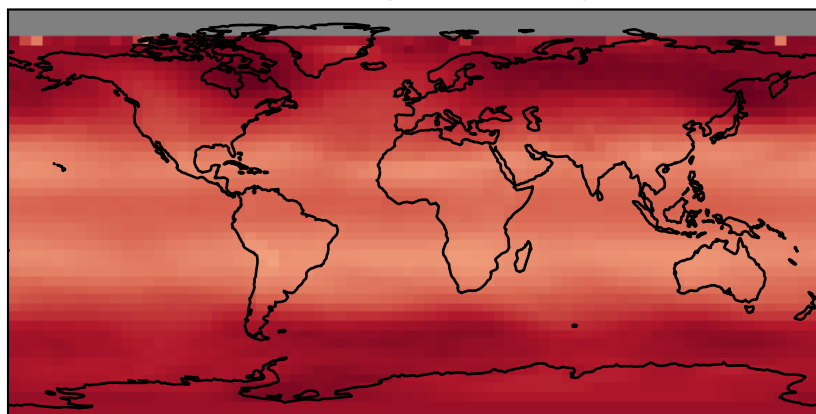
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range



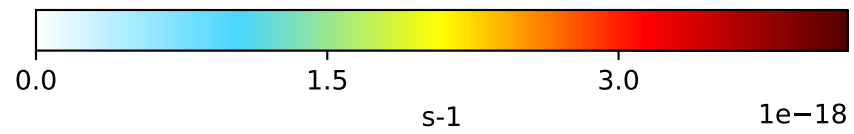
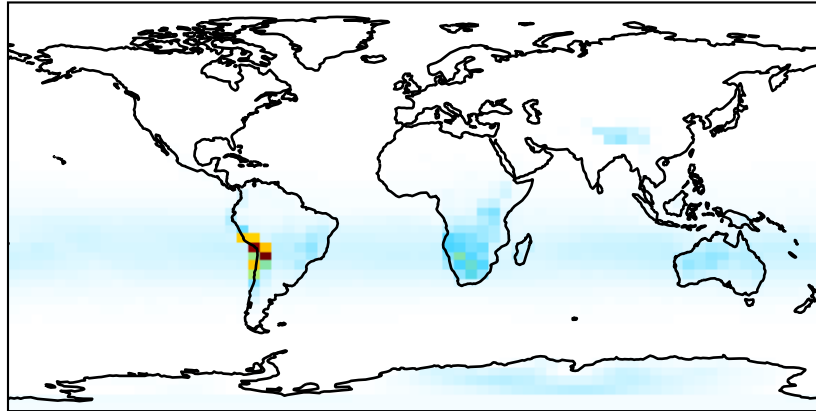
Ratio  
Dev/Ref, Fixed Range



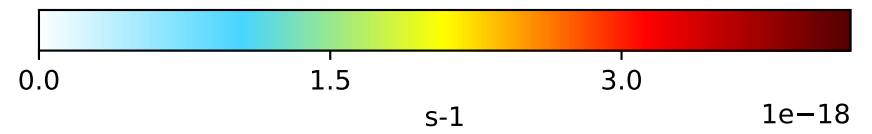
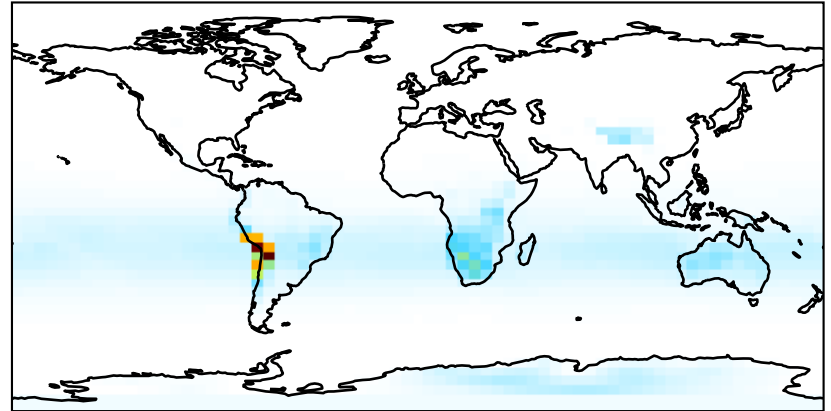


# Jval\_HCFC142b (Jan2019)

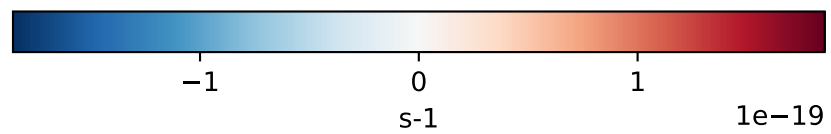
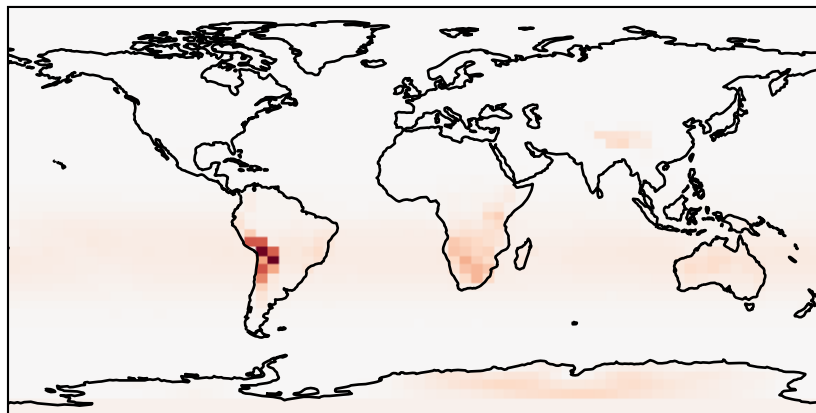
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



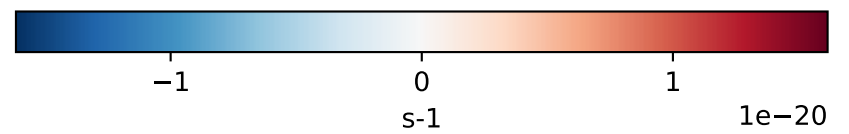
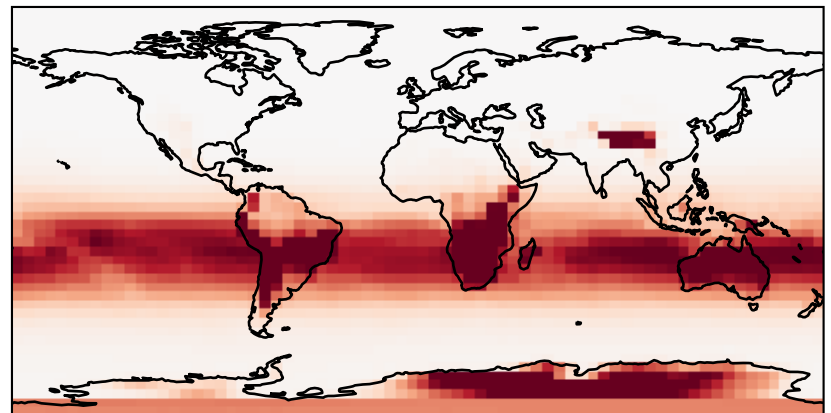
GCC\_13.0.0 (Dev)  
4.0x5.0



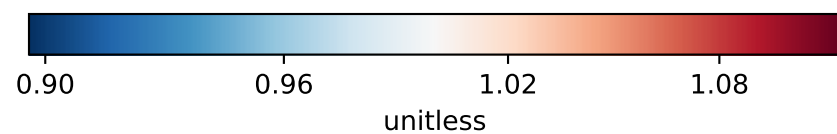
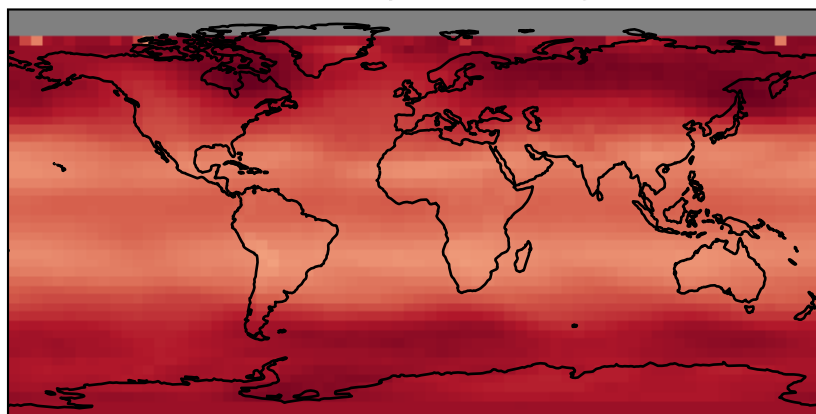
Difference  
Dev - Ref, Dynamic Range



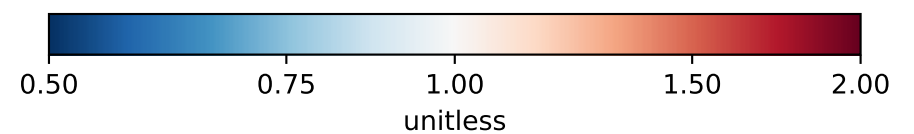
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

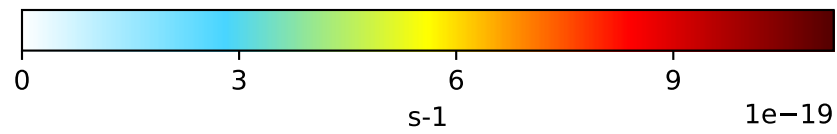
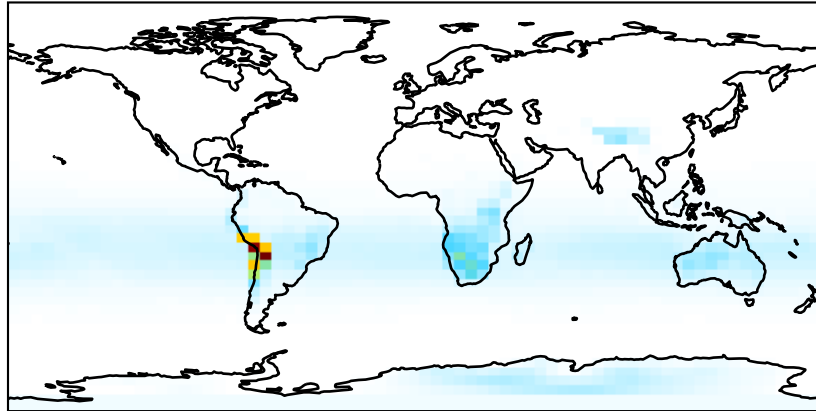


Ratio  
Dev/Ref, Fixed Range

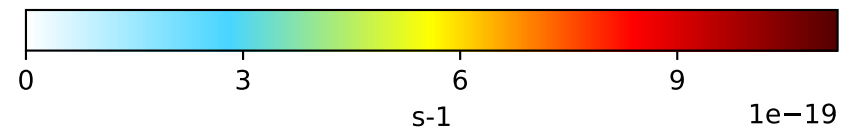
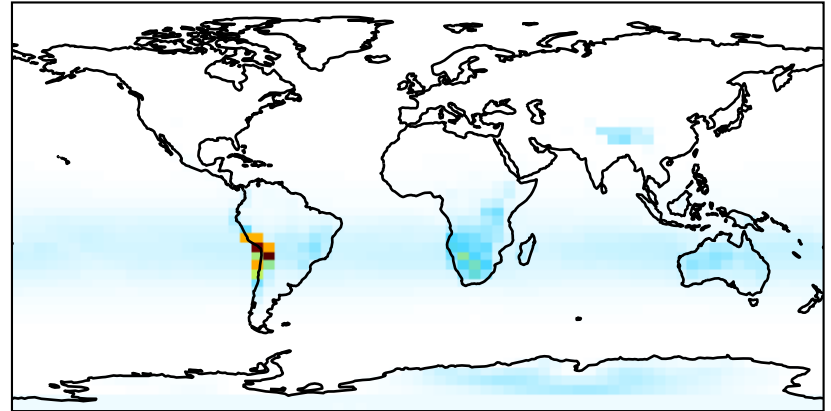


# Jval\_HCFC22 (Jan2019)

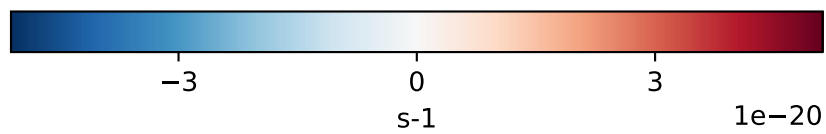
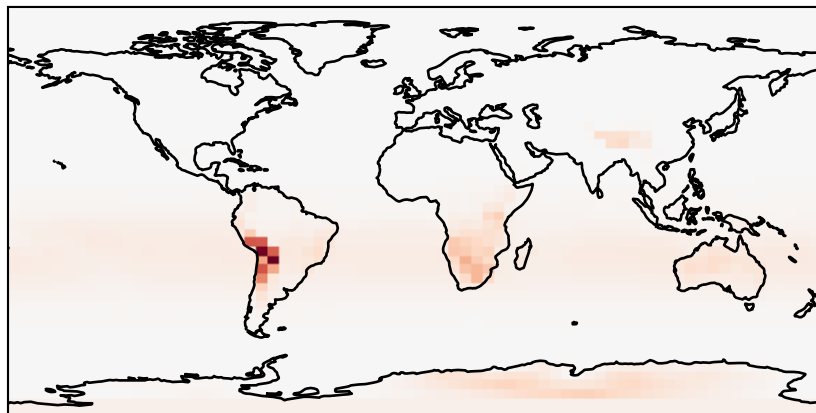
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



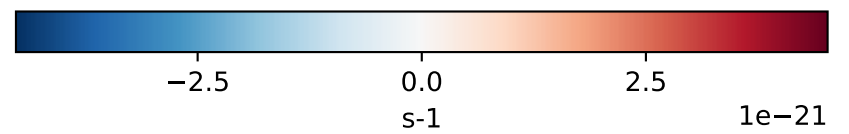
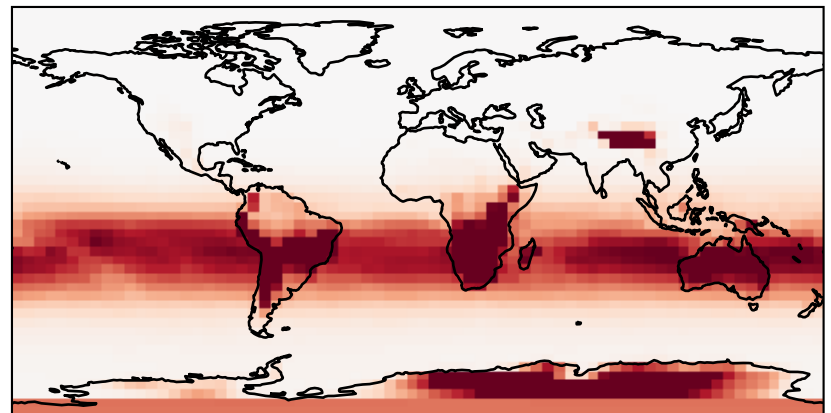
GCC\_13.0.0 (Dev)  
4.0x5.0



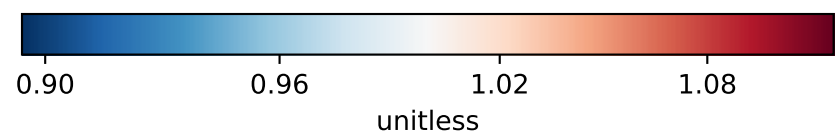
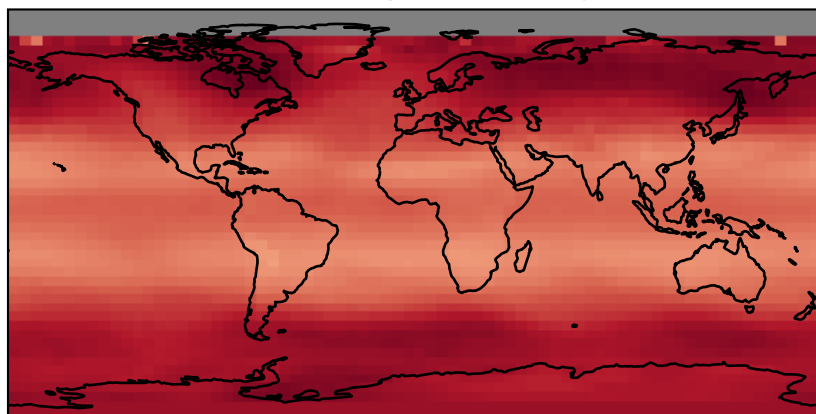
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

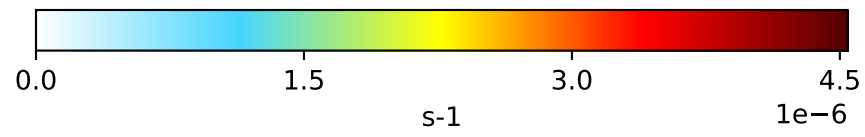
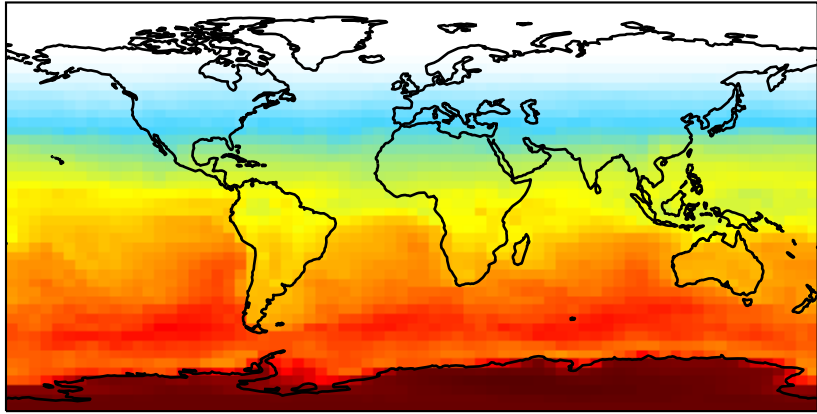


Ratio  
Dev/Ref, Fixed Range

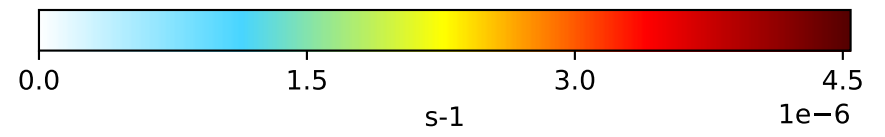
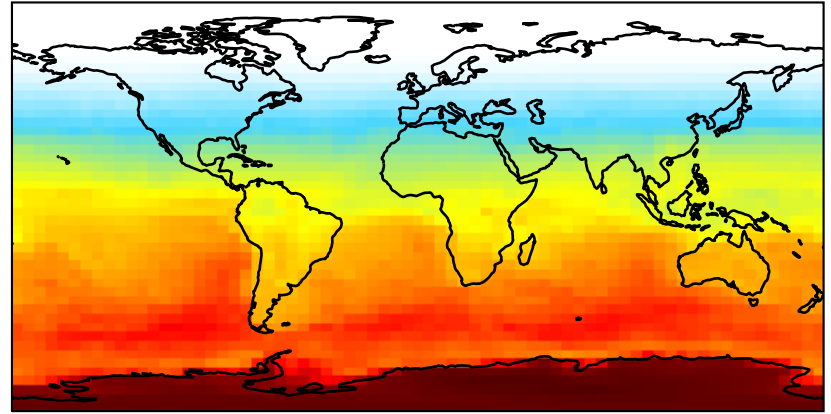


# Jval\_HMHP (Jan2019)

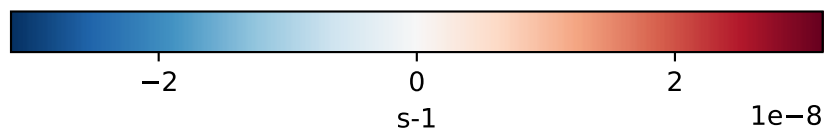
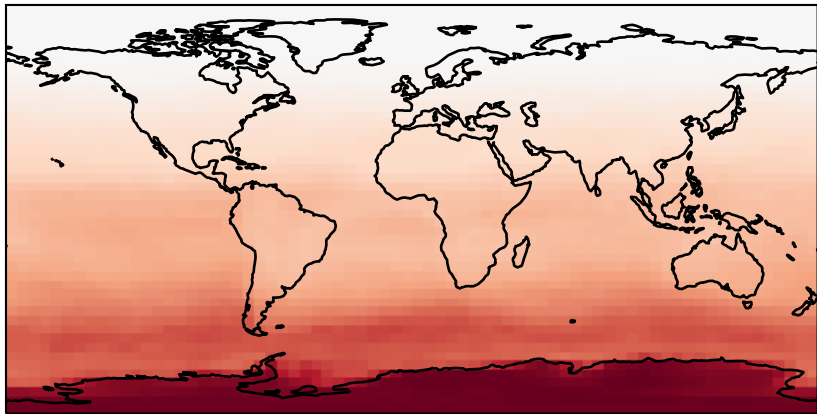
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



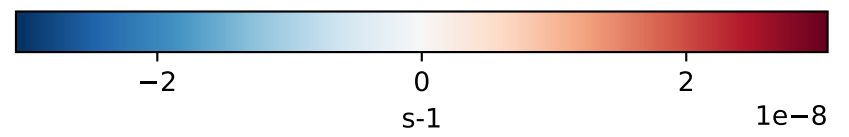
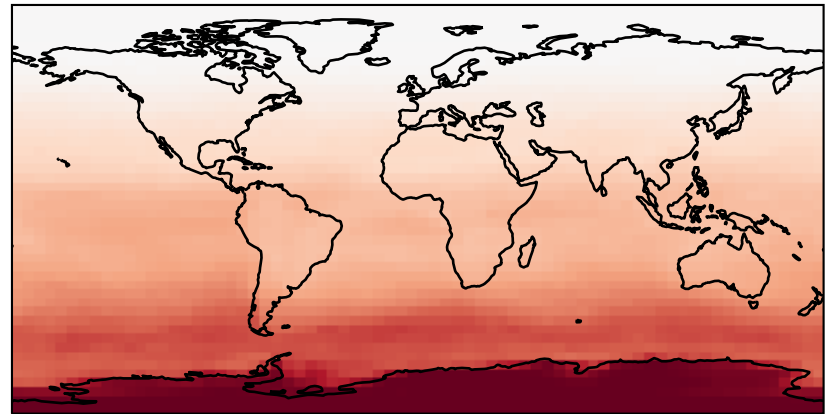
GCC\_13.0.0 (Dev)  
4.0x5.0



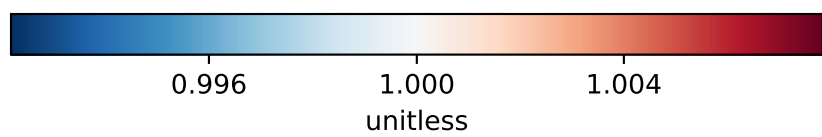
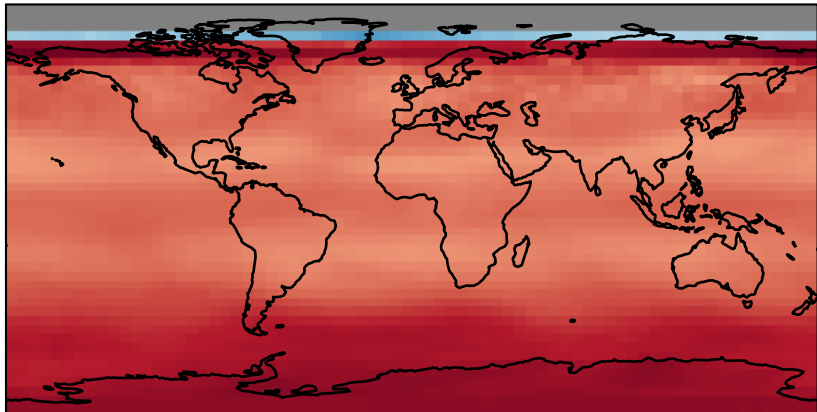
Difference  
Dev - Ref, Dynamic Range



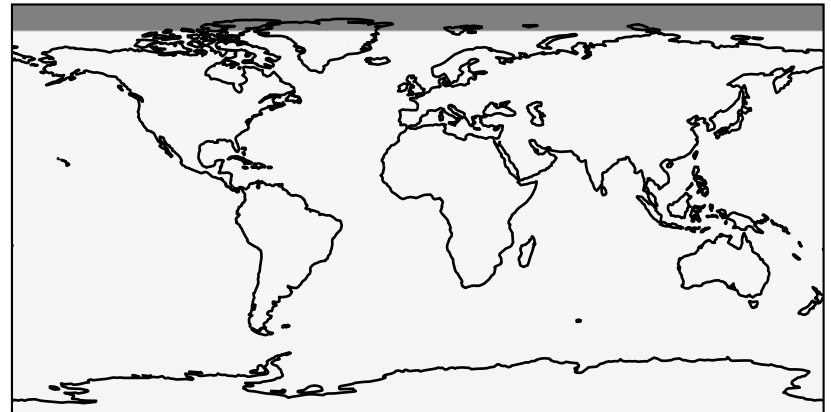
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

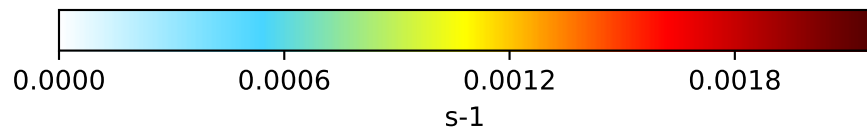
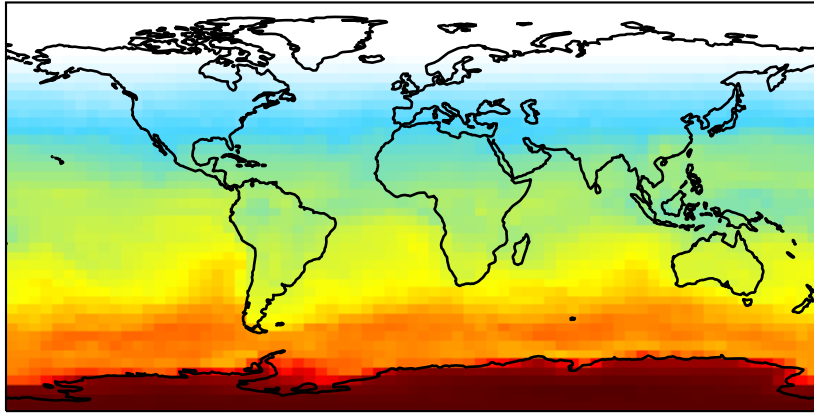


Ratio  
Dev/Ref, Fixed Range

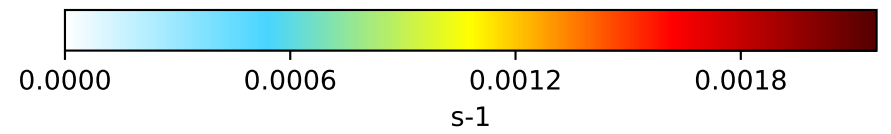
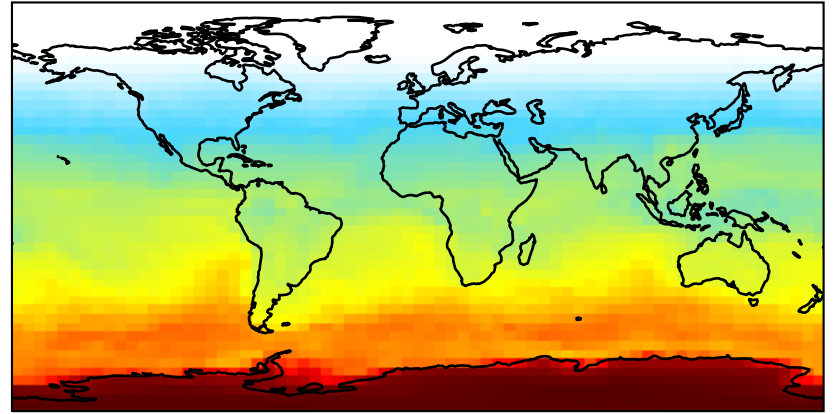


# Jval\_HNO2 (Jan2019)

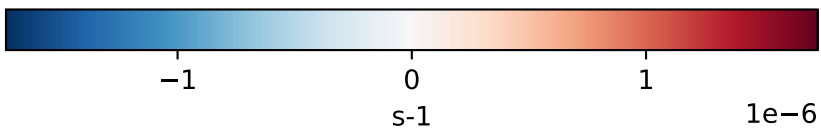
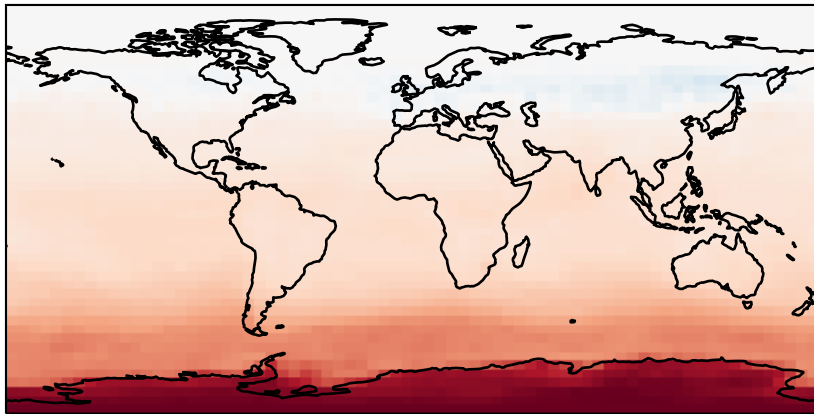
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



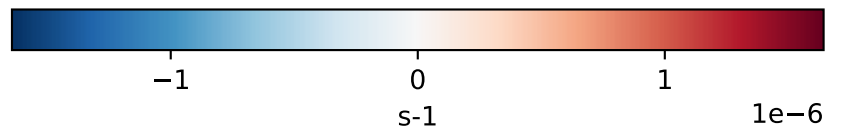
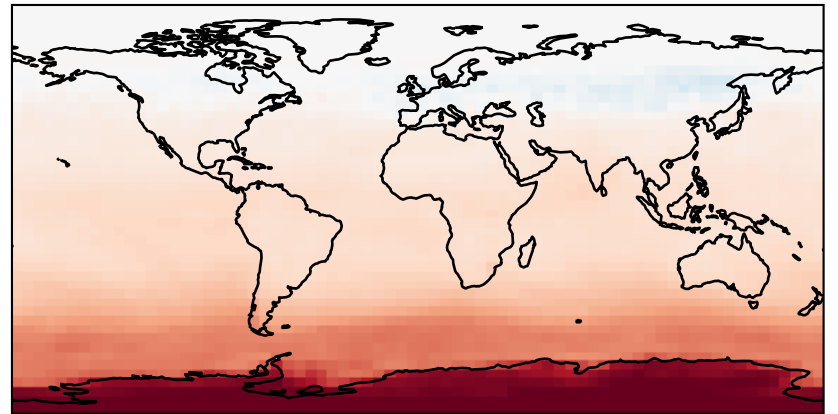
GCC\_13.0.0 (Dev)  
4.0x5.0



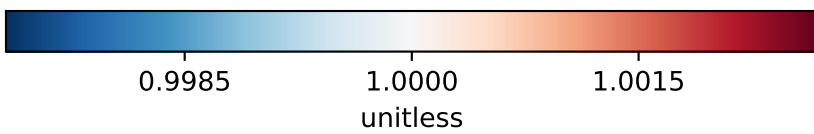
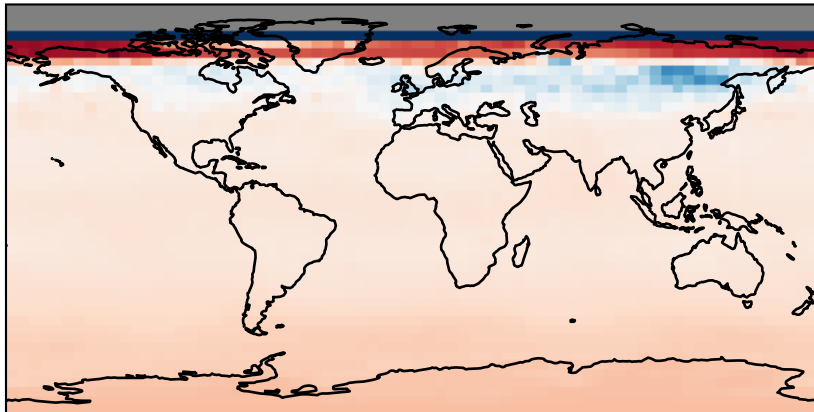
Difference  
Dev - Ref, Dynamic Range



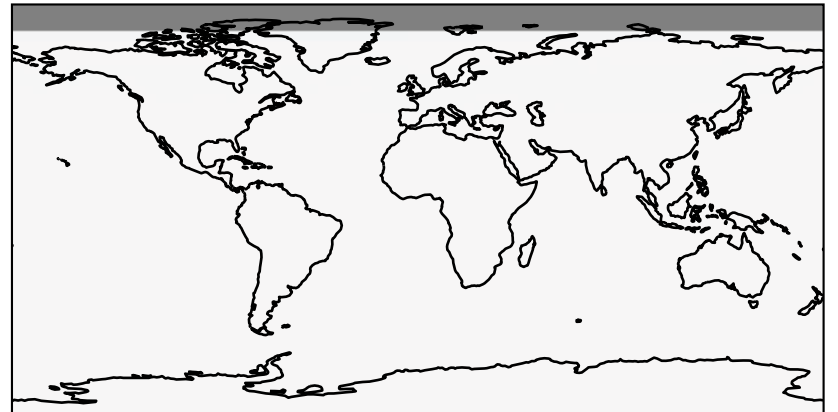
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

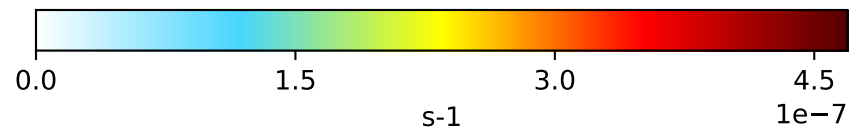
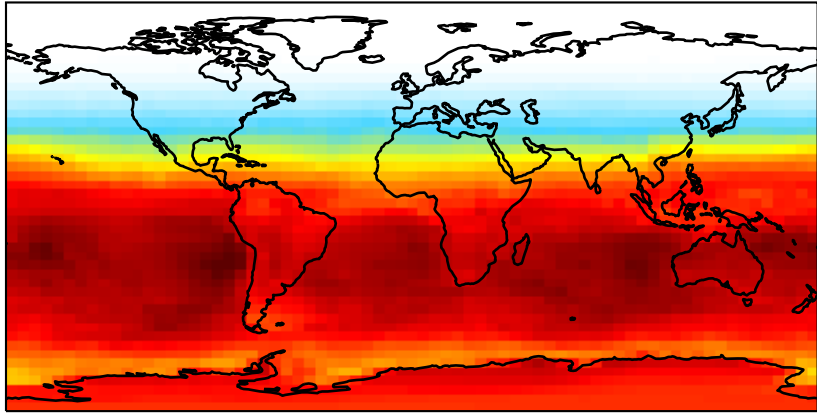


Ratio  
Dev/Ref, Fixed Range

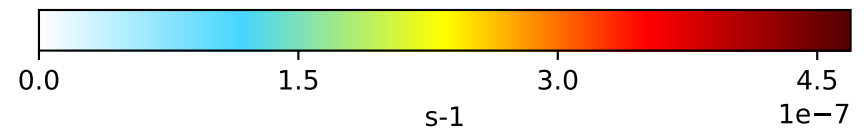
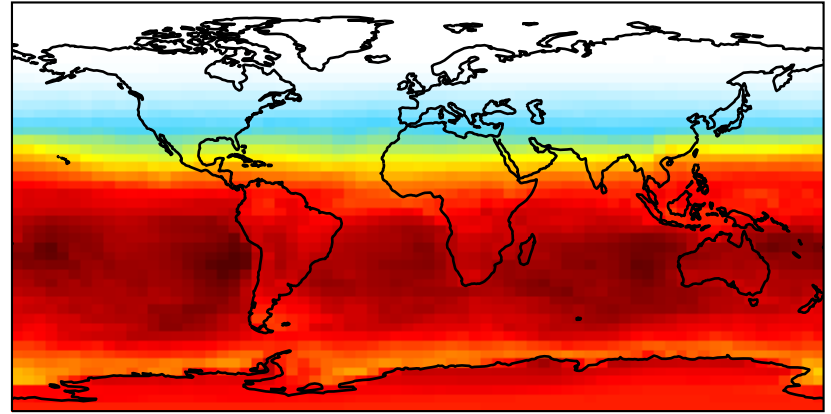


# Jval\_HNO3 (Jan2019)

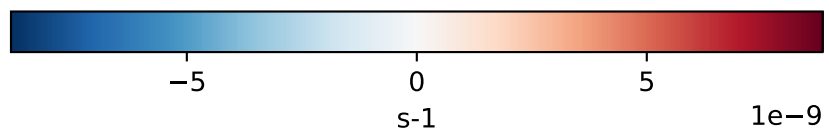
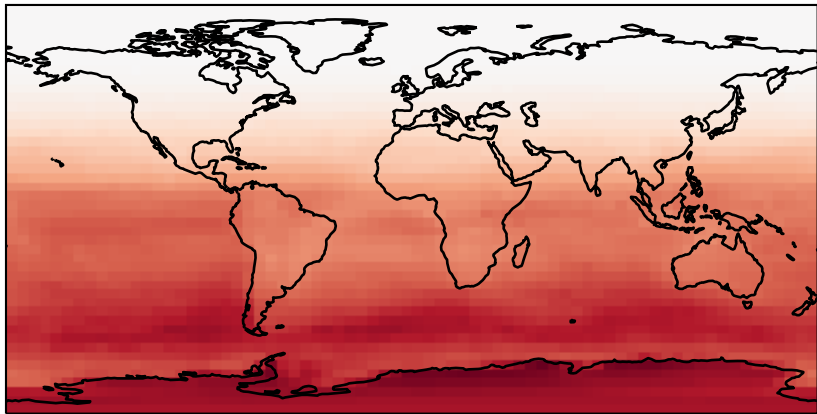
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



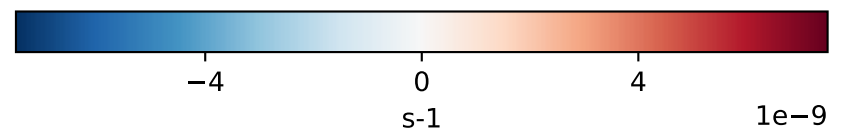
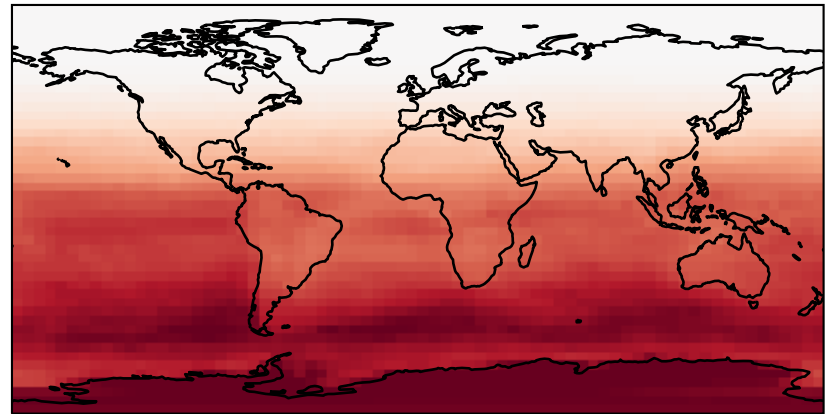
GCC\_13.0.0 (Dev)  
4.0x5.0



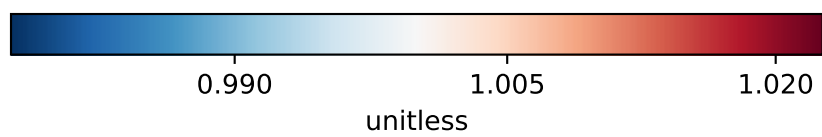
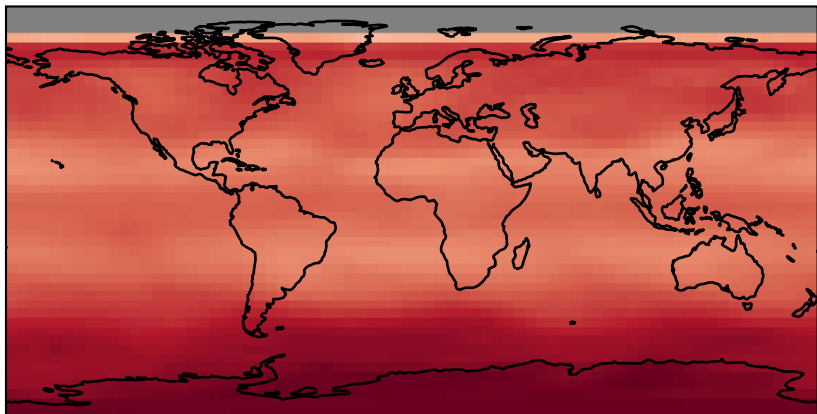
Difference  
Dev - Ref, Dynamic Range



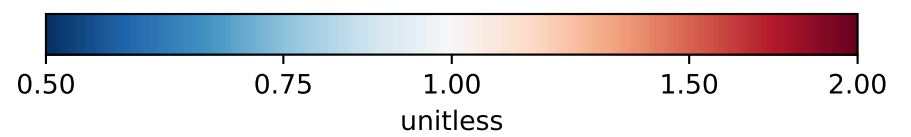
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



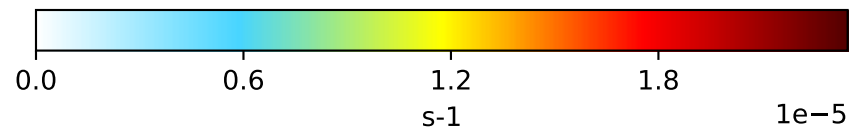
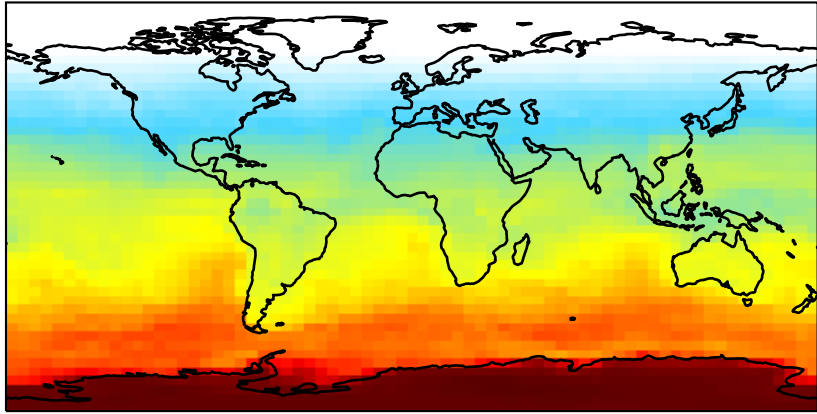
Ratio  
Dev/Ref, Fixed Range



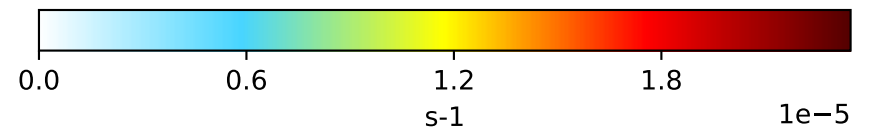
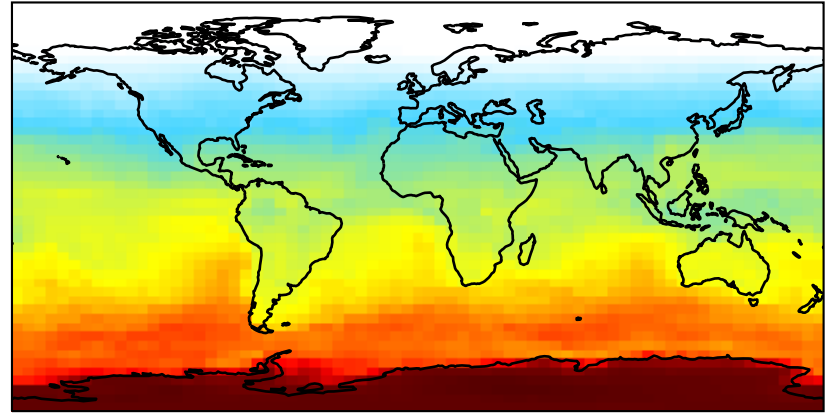


# Jval\_HNO4 (Jan2019)

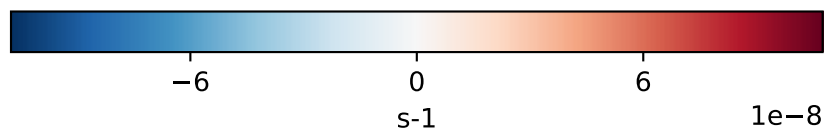
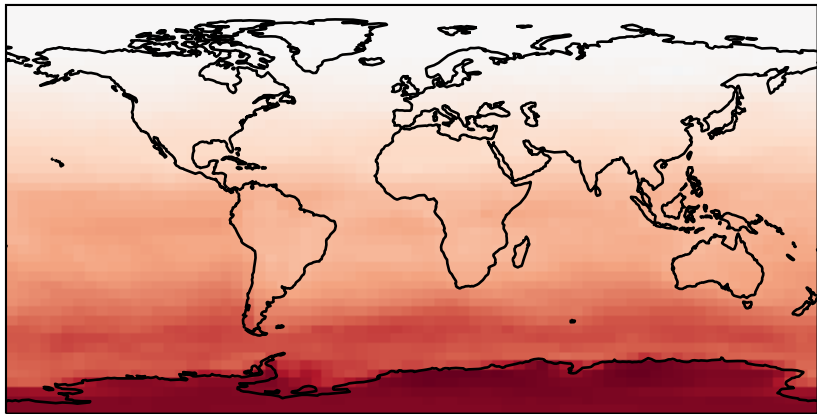
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



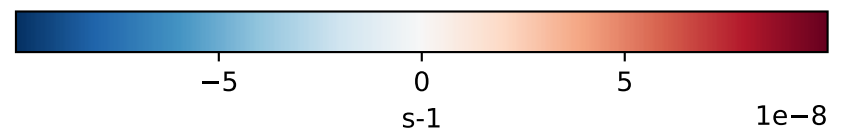
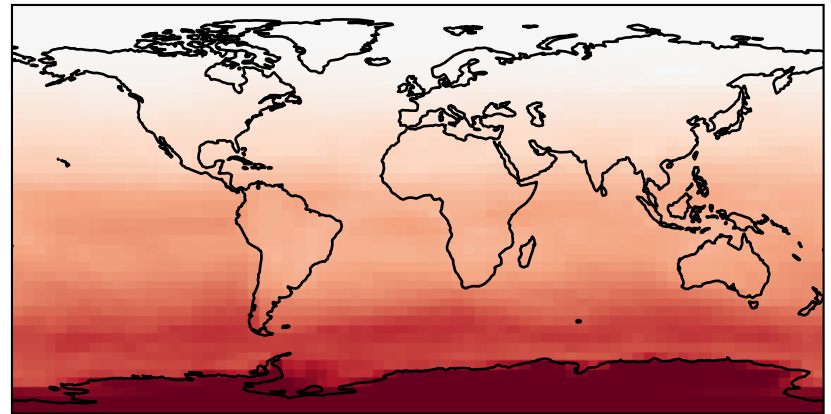
GCC\_13.0.0 (Dev)  
4.0x5.0



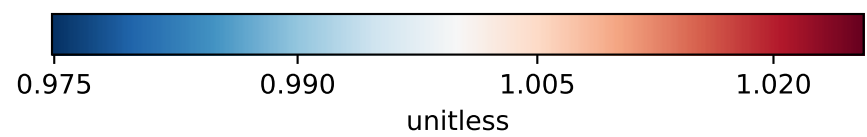
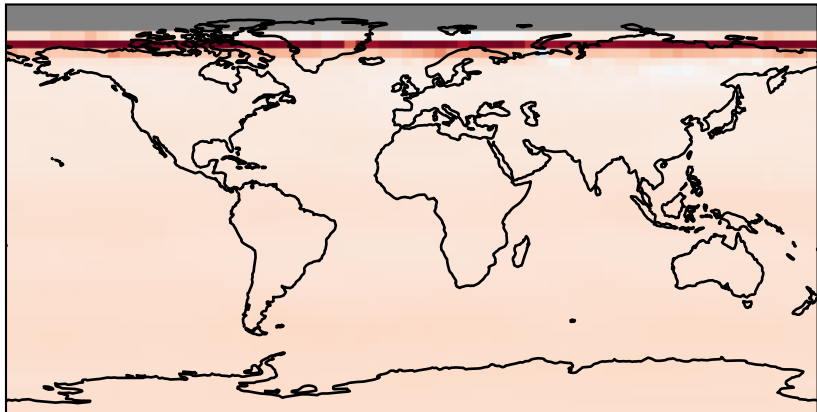
Difference  
Dev - Ref, Dynamic Range



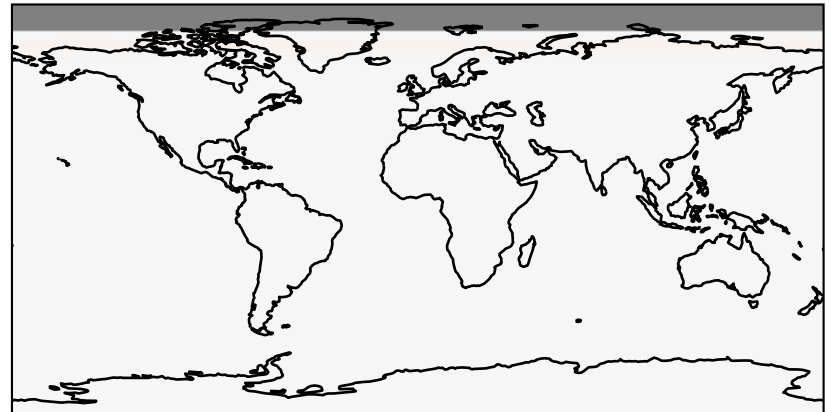
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

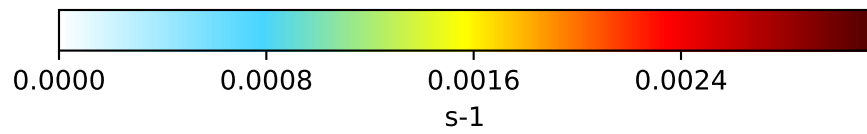
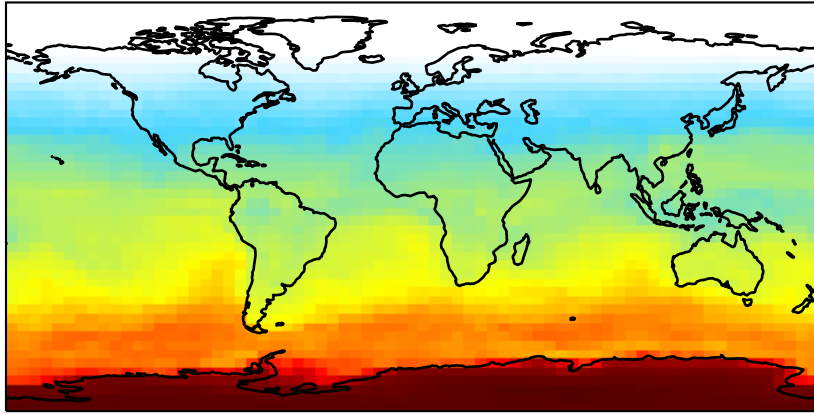


Ratio  
Dev/Ref, Fixed Range

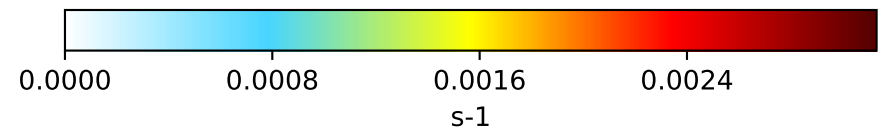
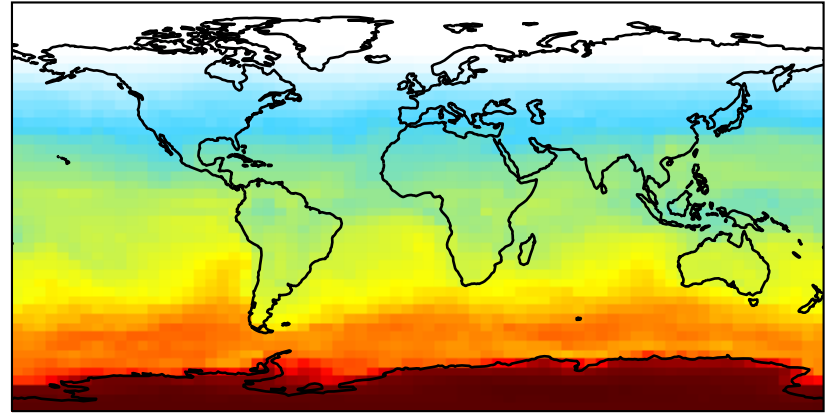


# Jval\_HOBr (Jan2019)

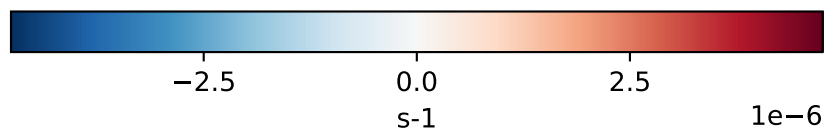
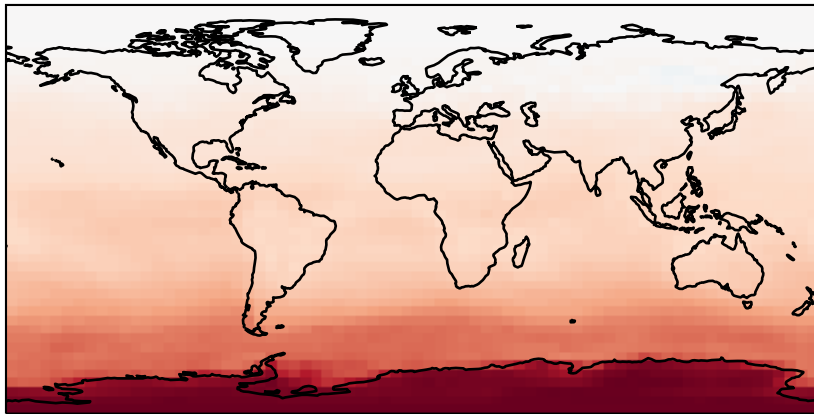
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



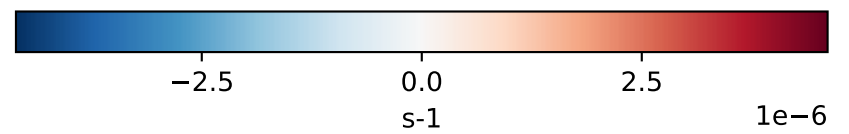
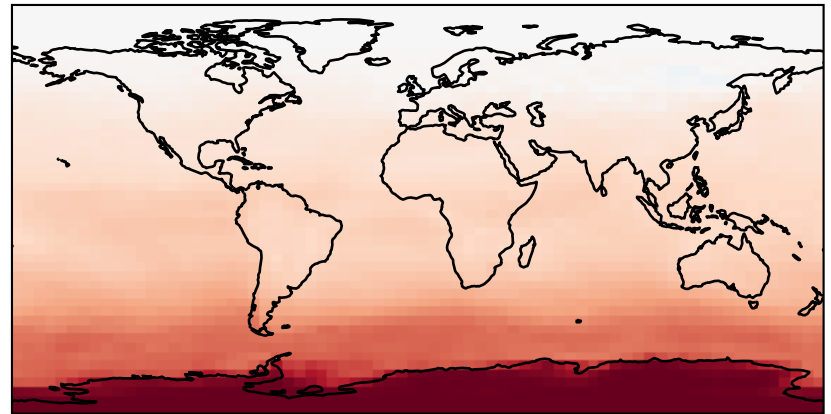
GCC\_13.0.0 (Dev)  
4.0x5.0



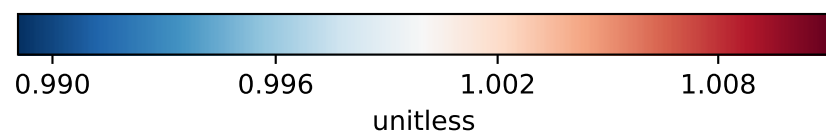
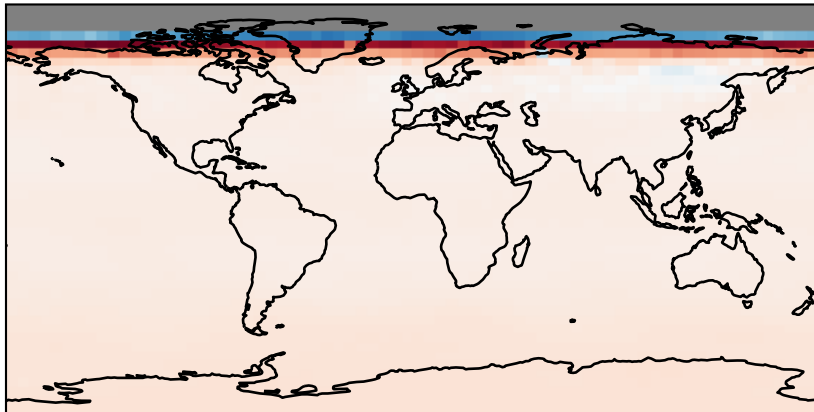
Difference  
Dev - Ref, Dynamic Range



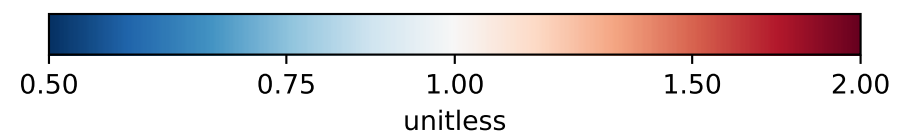
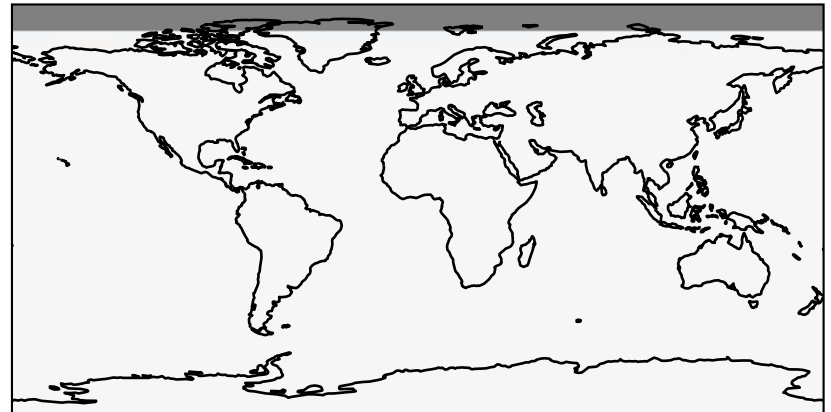
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

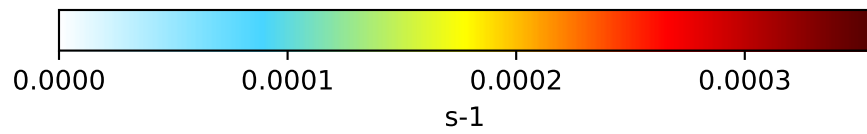
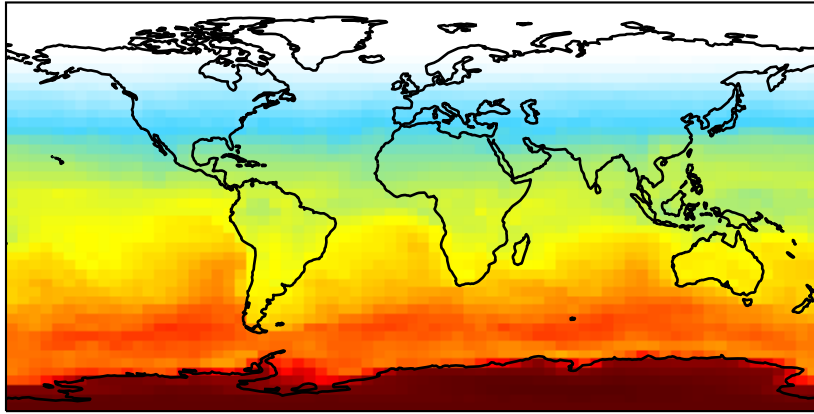


Ratio  
Dev/Ref, Fixed Range

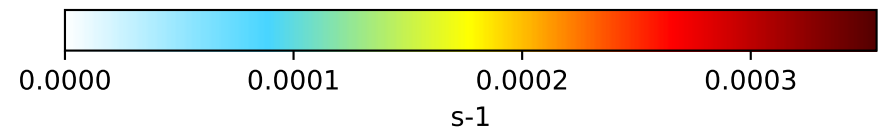
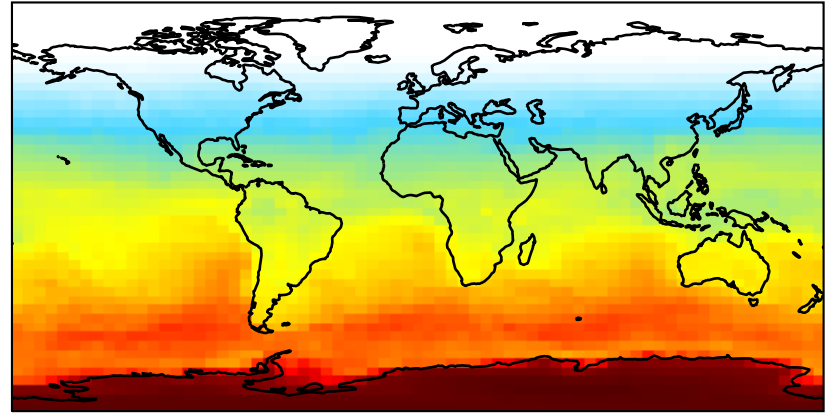


# Jval\_HOCl (Jan2019)

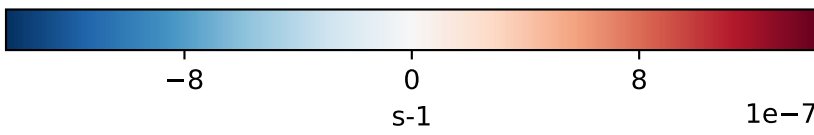
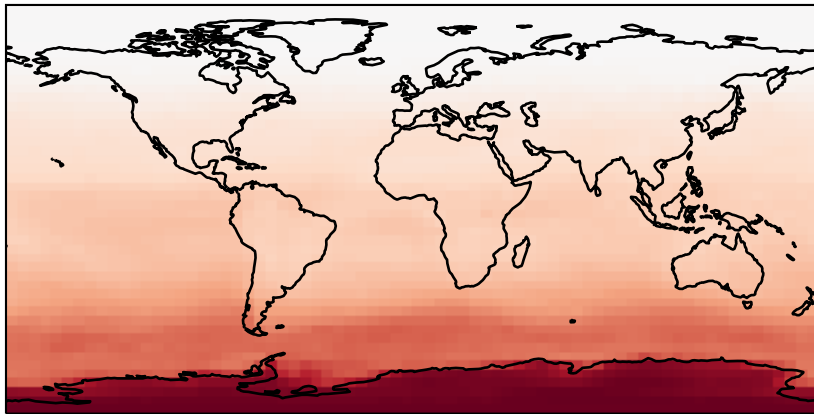
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



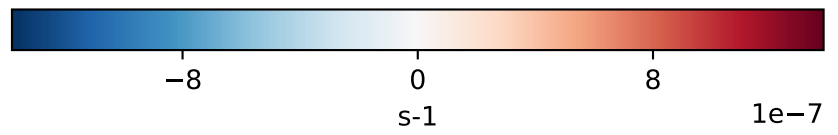
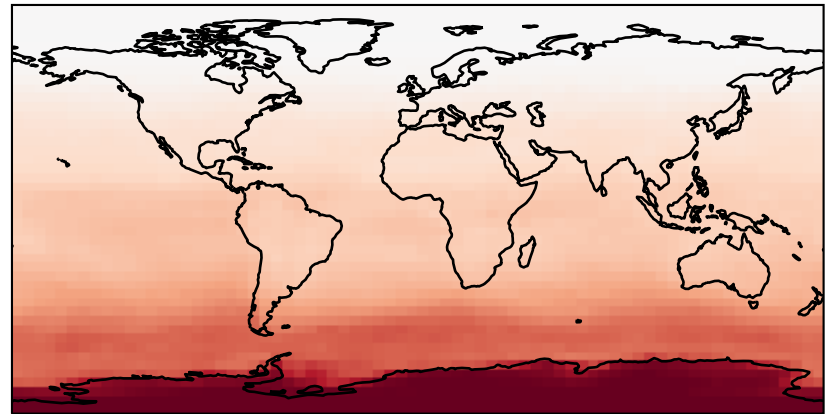
GCC\_13.0.0 (Dev)  
4.0x5.0



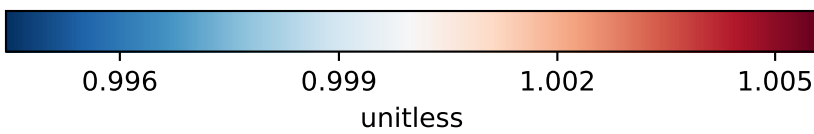
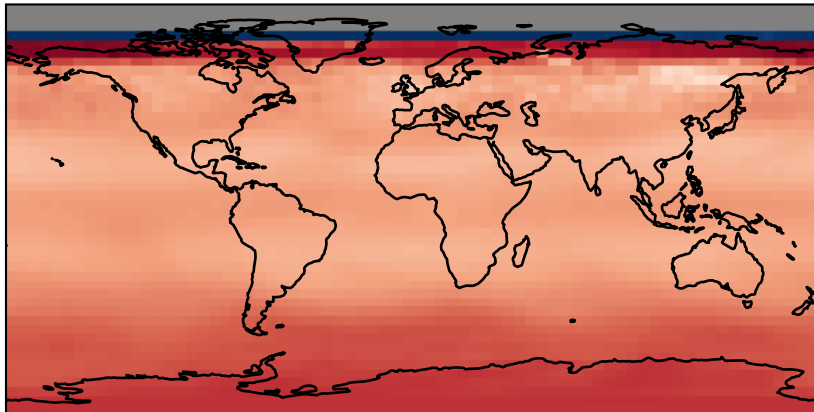
Difference  
Dev - Ref, Dynamic Range



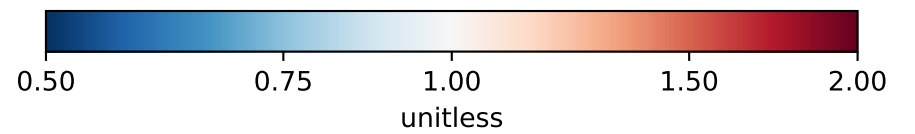
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

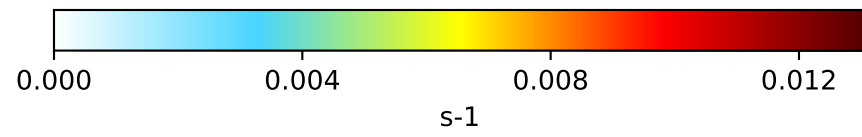
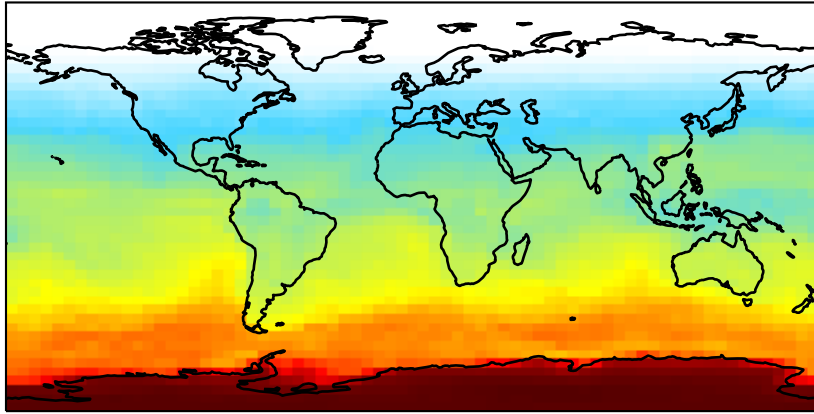


Ratio  
Dev/Ref, Fixed Range

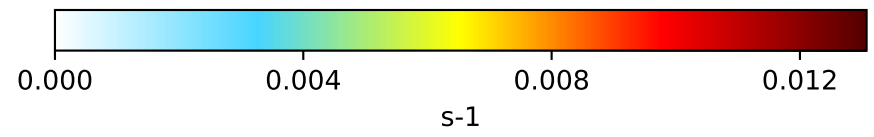
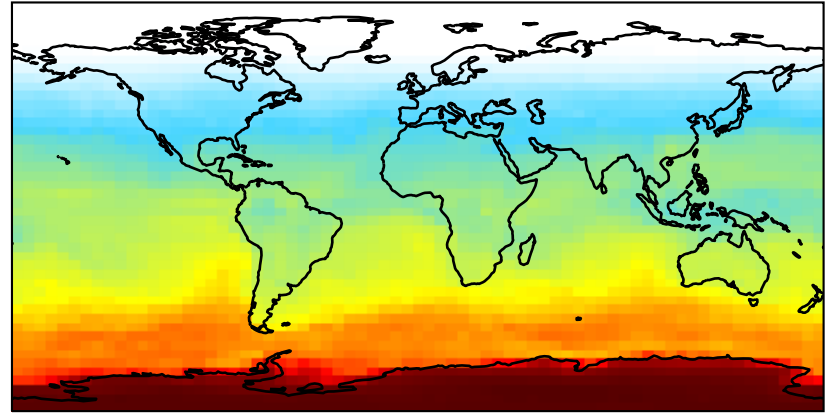


# Jval\_HOI (Jan2019)

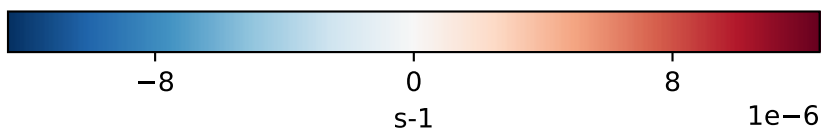
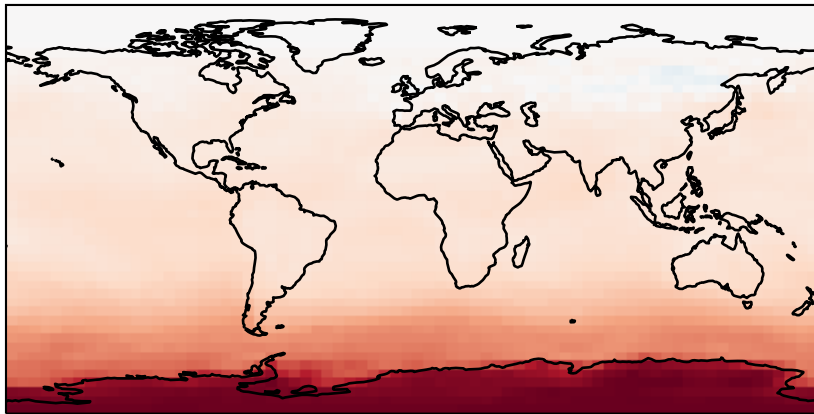
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



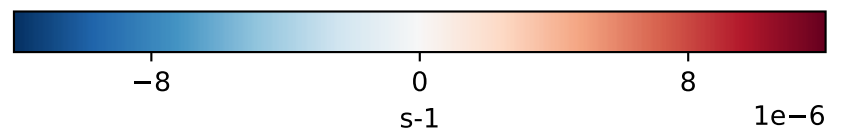
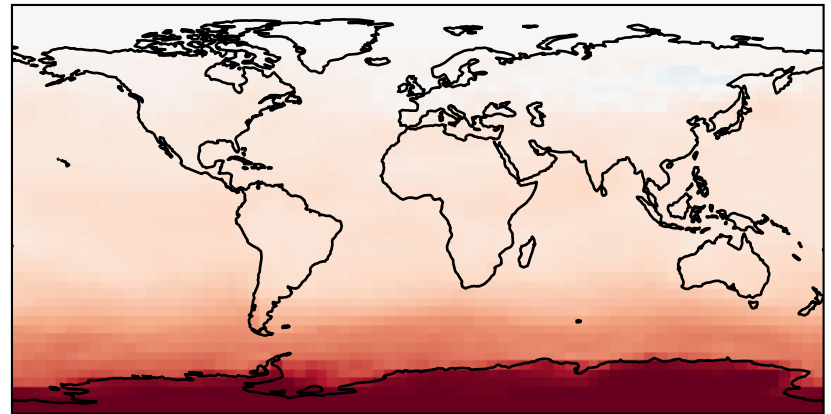
GCC\_13.0.0 (Dev)  
4.0x5.0



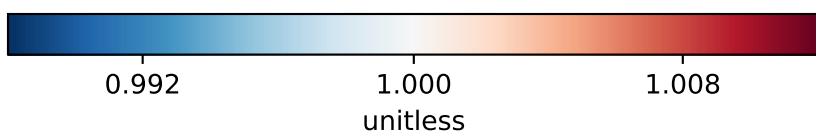
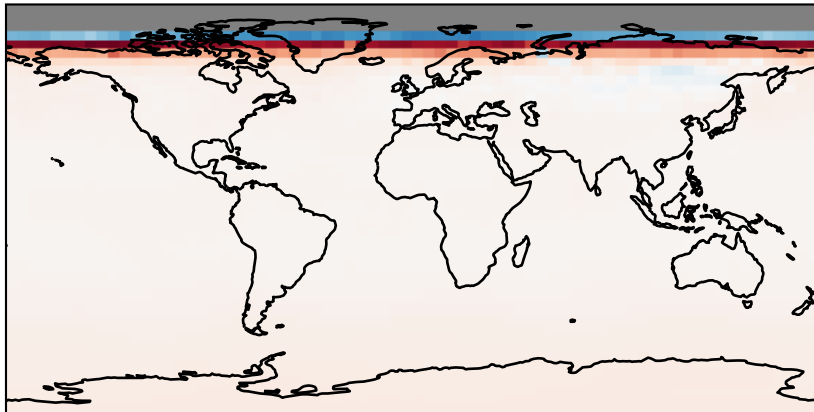
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

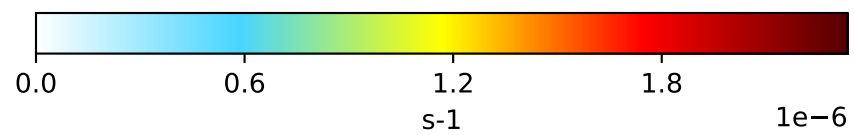
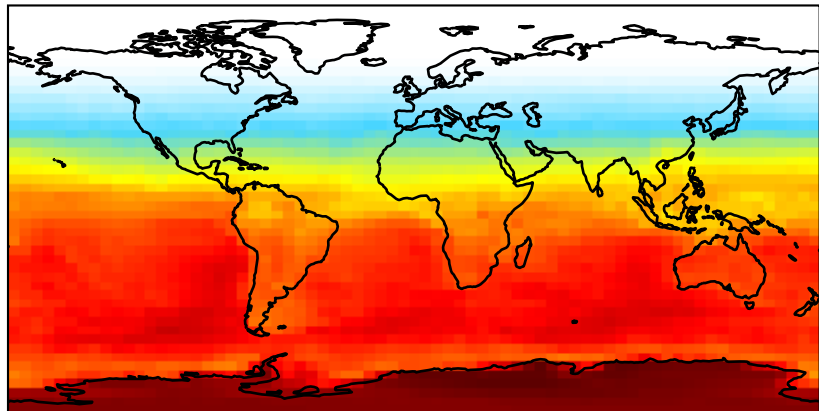


Ratio  
Dev/Ref, Fixed Range

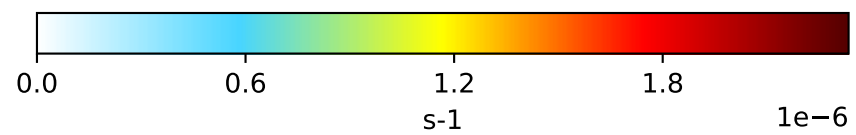
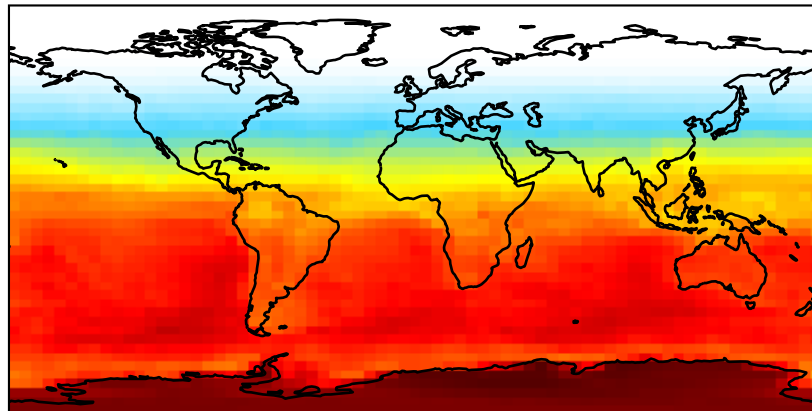


# Jval\_HONIT (Jan2019)

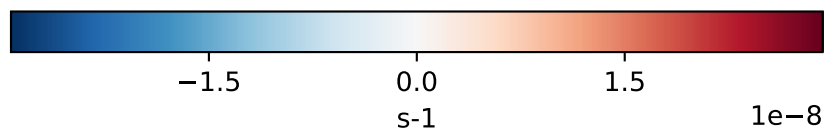
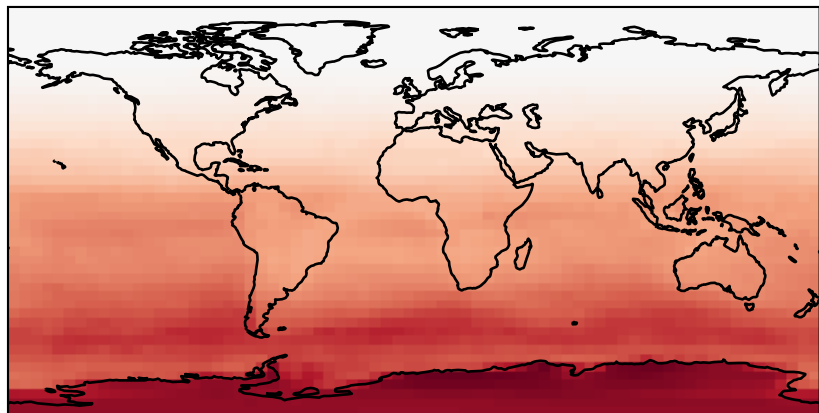
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



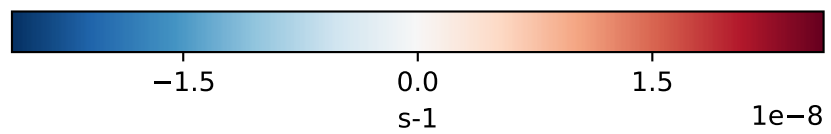
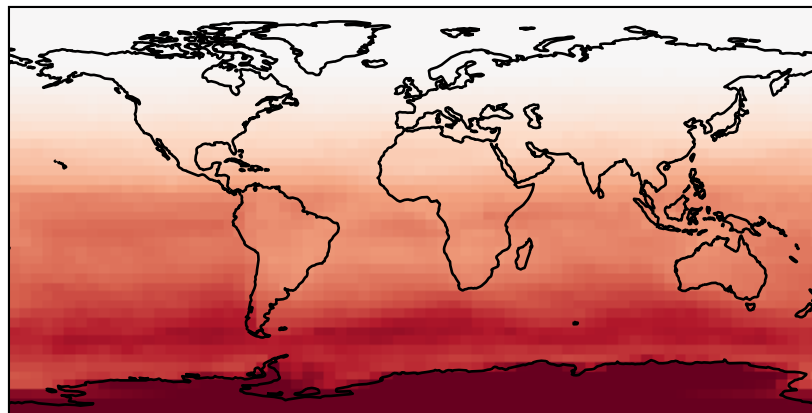
GCC\_13.0.0 (Dev)  
4.0x5.0



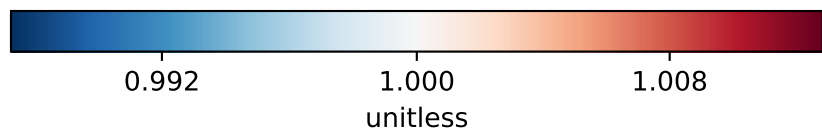
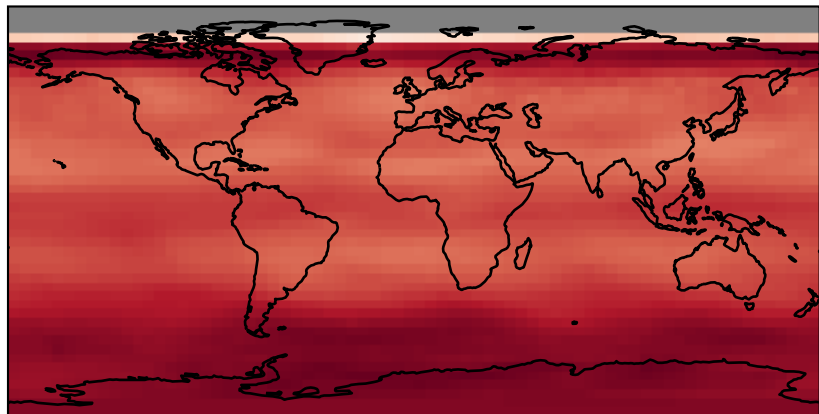
Difference  
Dev - Ref, Dynamic Range



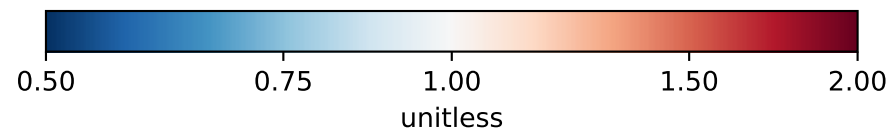
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



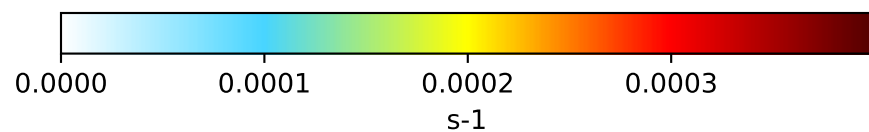
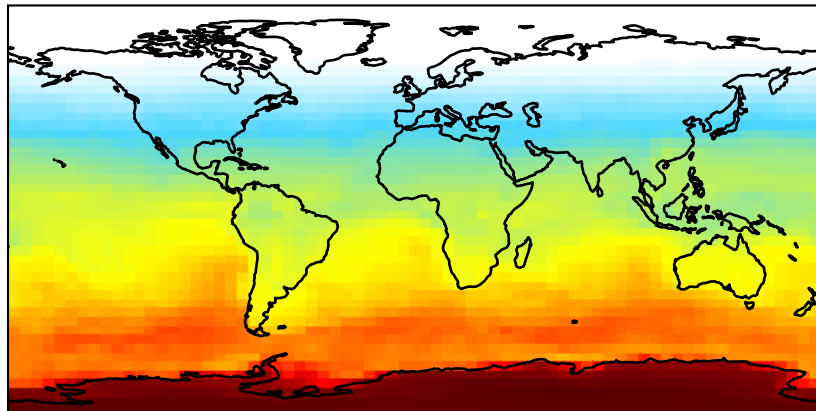
Ratio  
Dev/Ref, Fixed Range



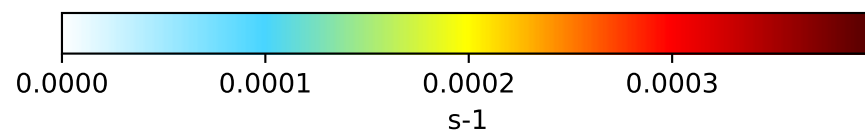
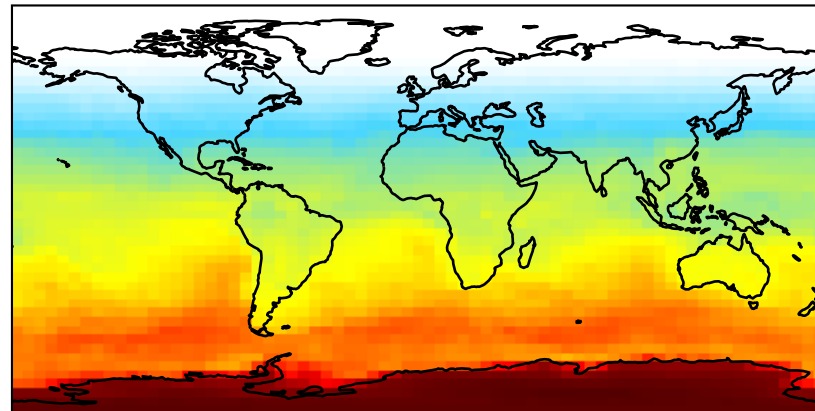


# Jval\_HPALD1 (Jan2019)

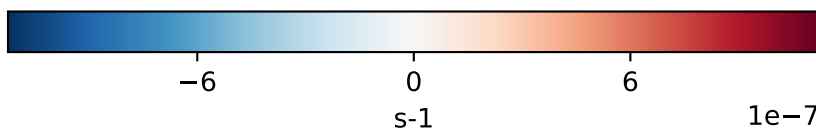
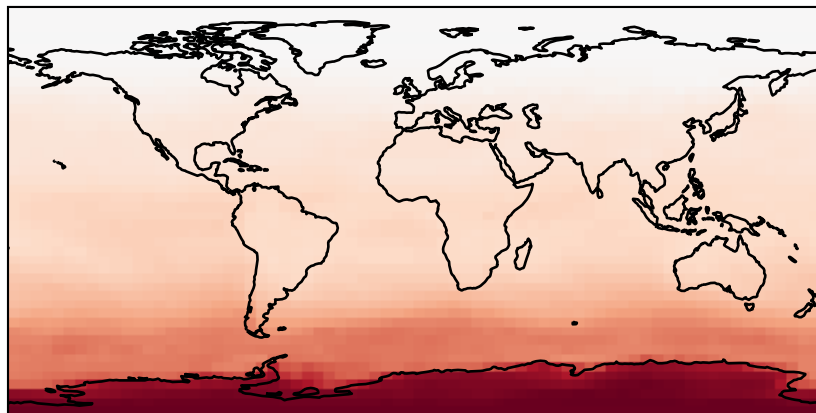
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



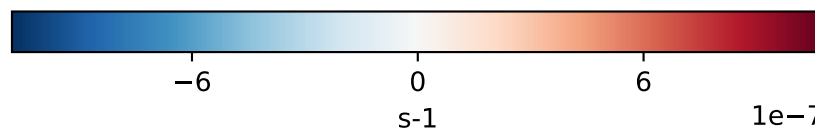
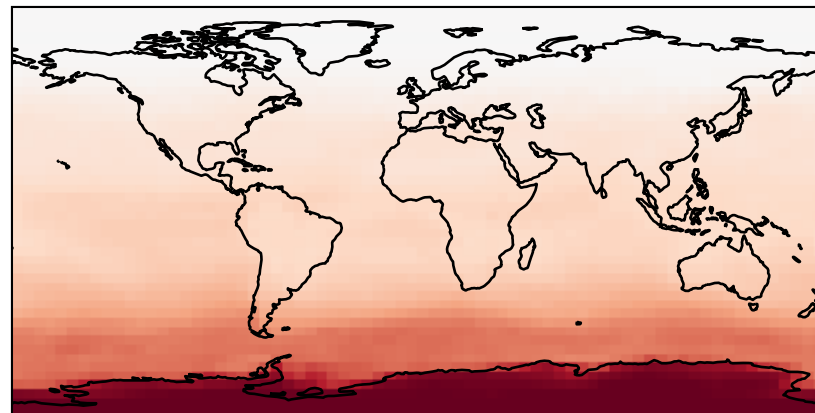
GCC\_13.0.0 (Dev)  
4.0x5.0



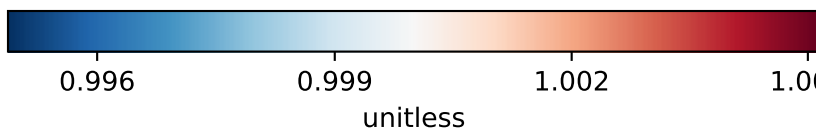
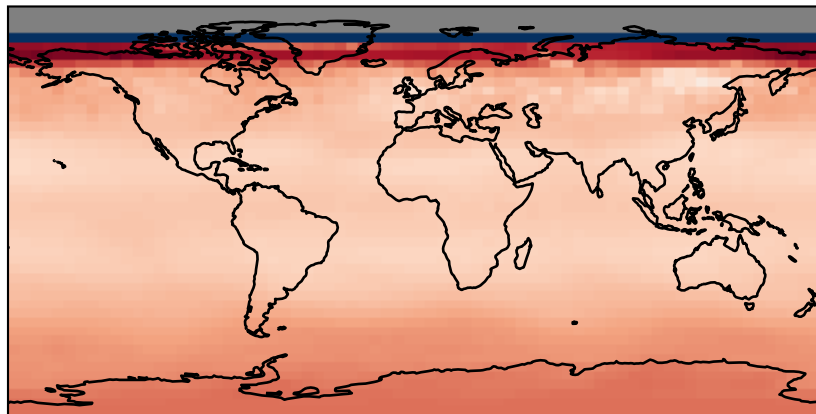
Difference  
Dev - Ref, Dynamic Range



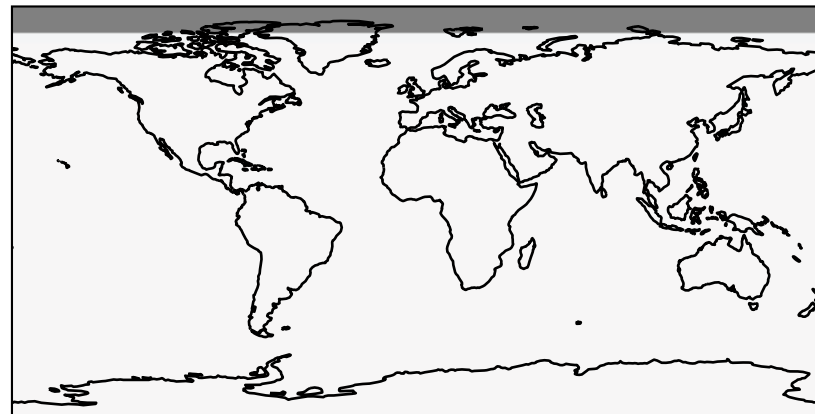
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

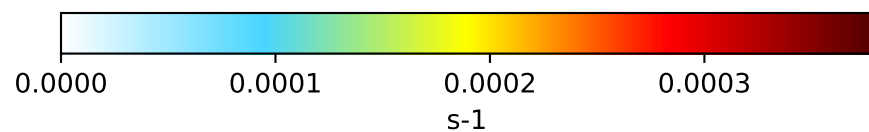
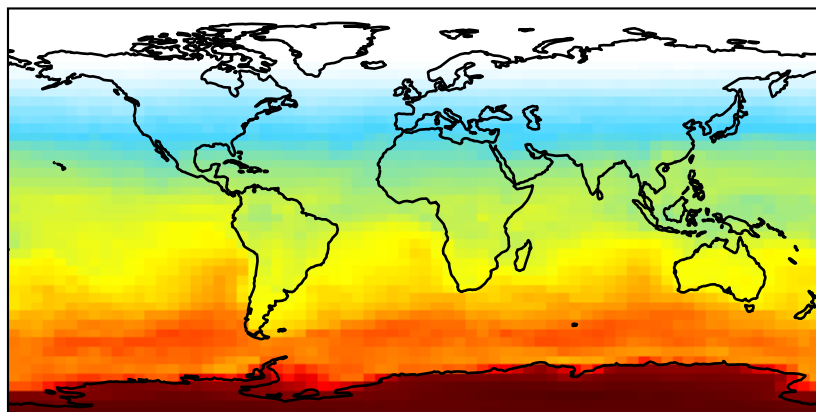


Ratio  
Dev/Ref, Fixed Range

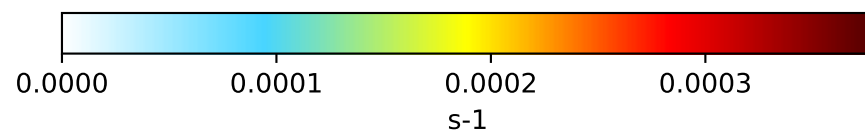
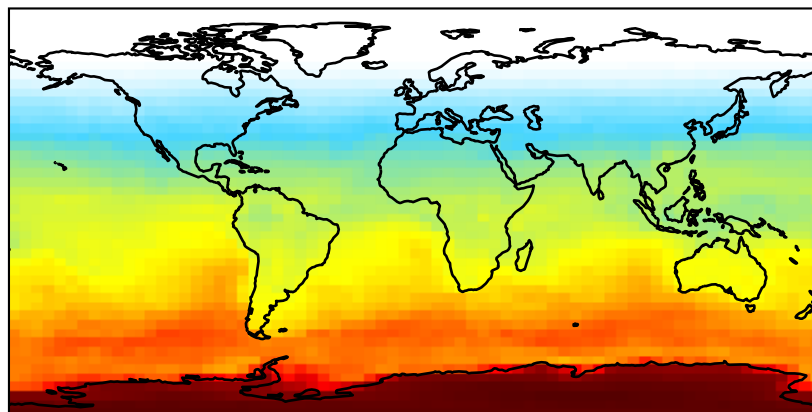


# Jval\_HPALD2 (Jan2019)

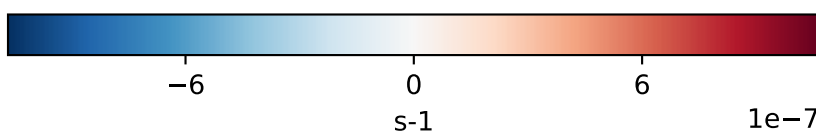
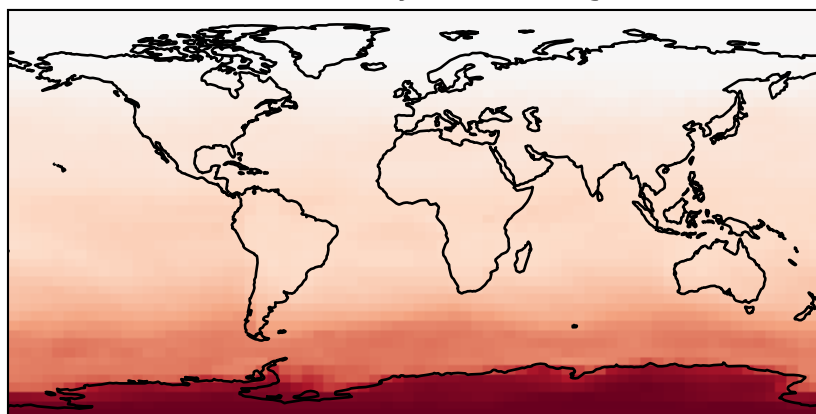
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



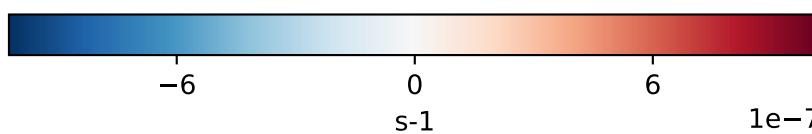
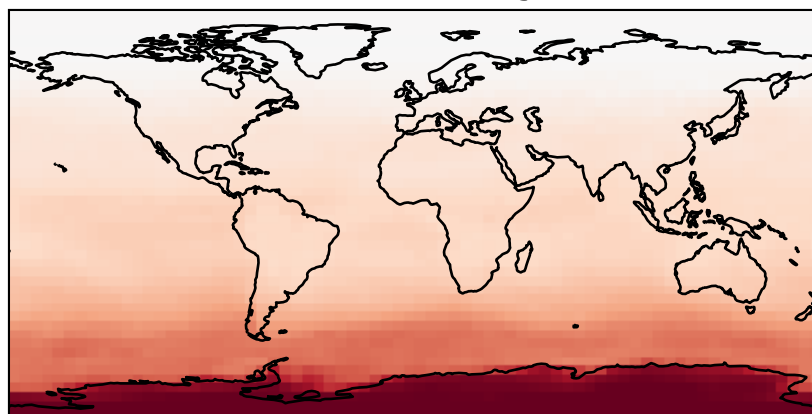
GCC\_13.0.0 (Dev)  
4.0x5.0



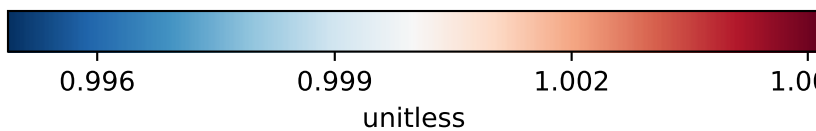
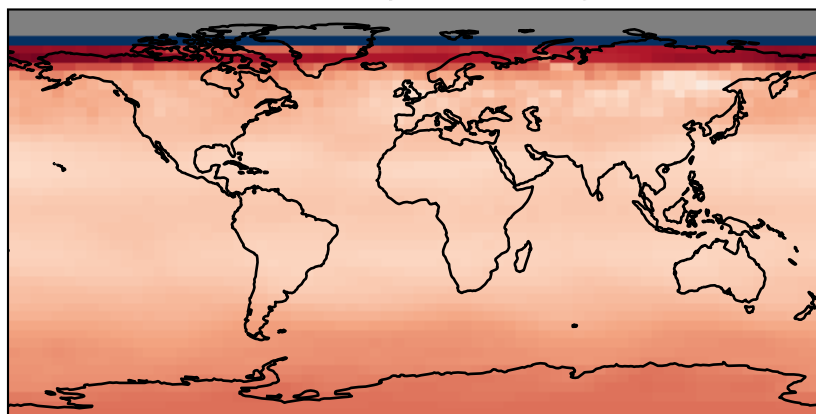
Difference  
Dev - Ref, Dynamic Range



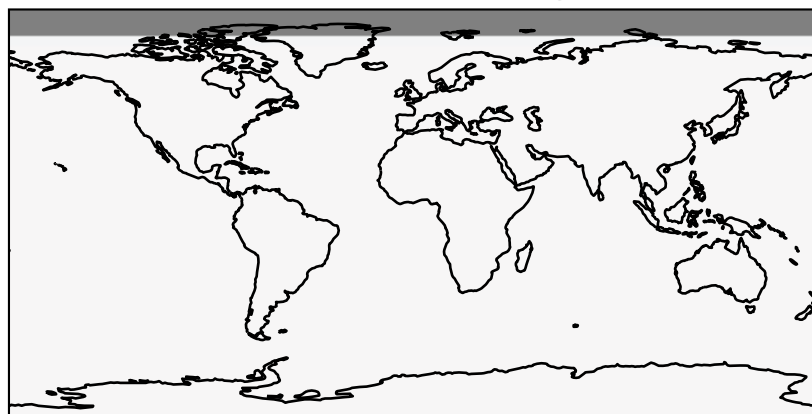
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

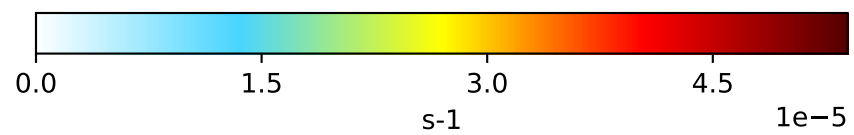
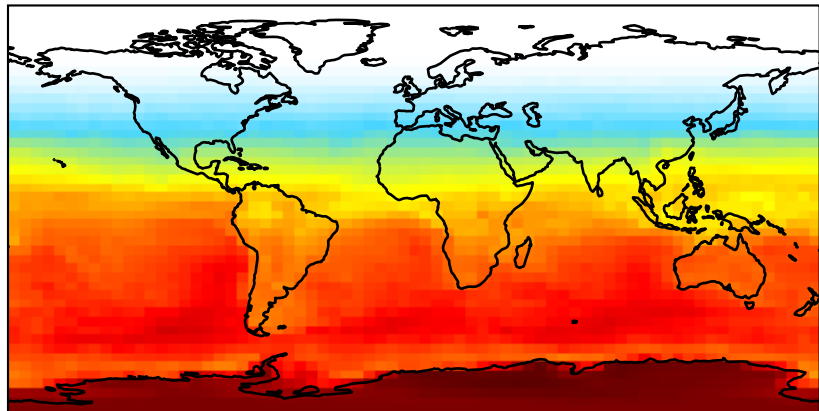


Ratio  
Dev/Ref, Fixed Range

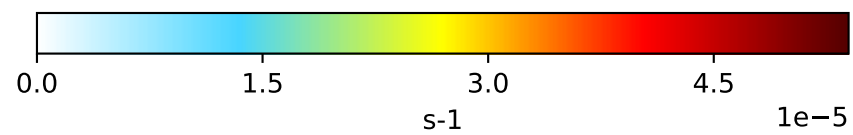
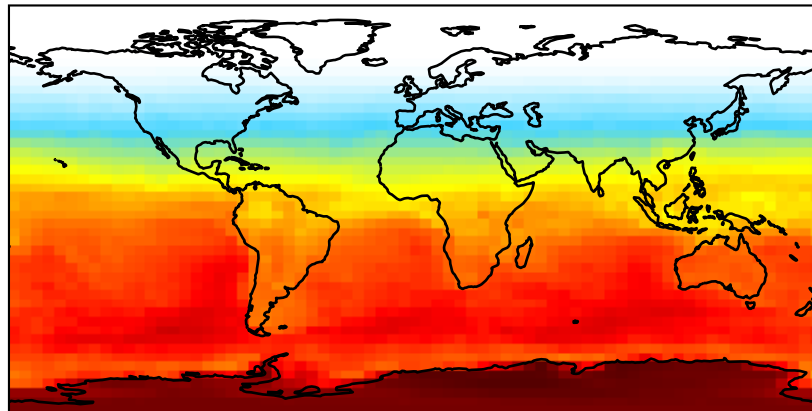


# Jval\_HPALD3 (Jan2019)

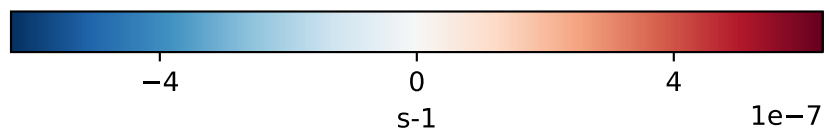
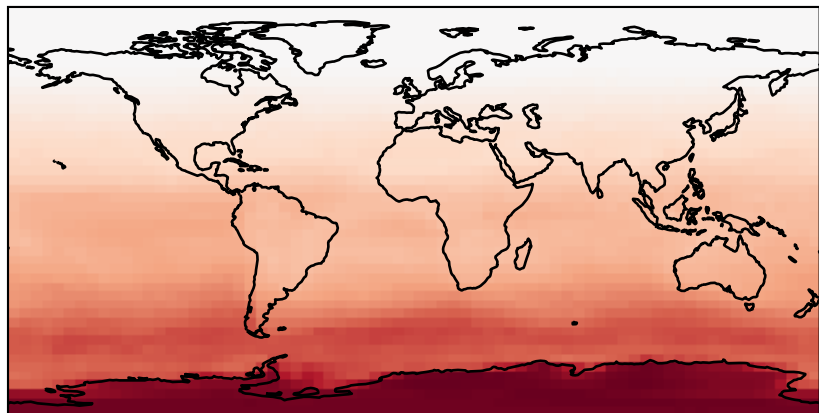
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



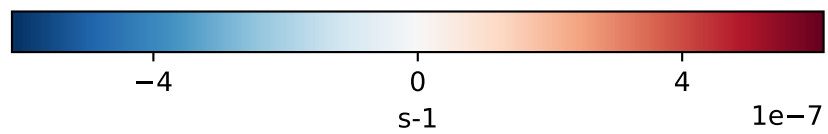
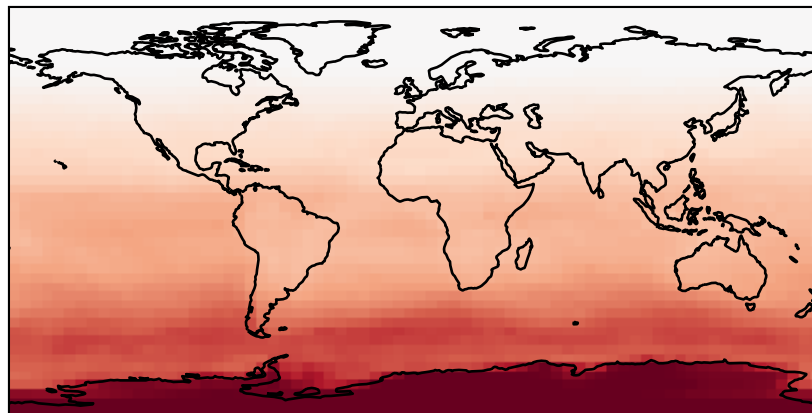
GCC\_13.0.0 (Dev)  
4.0x5.0



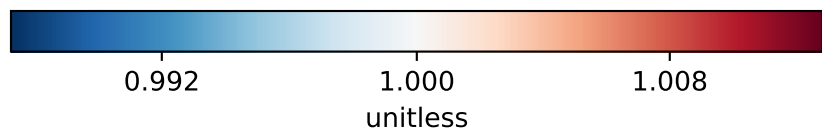
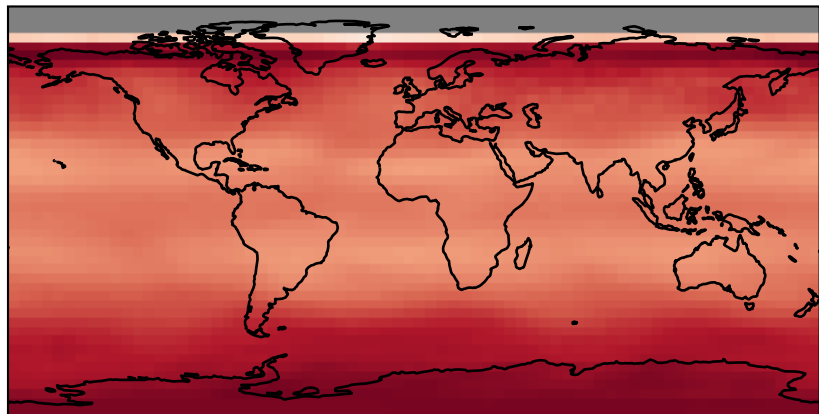
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

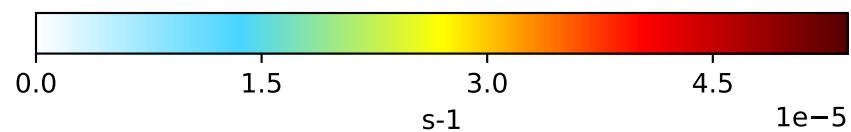
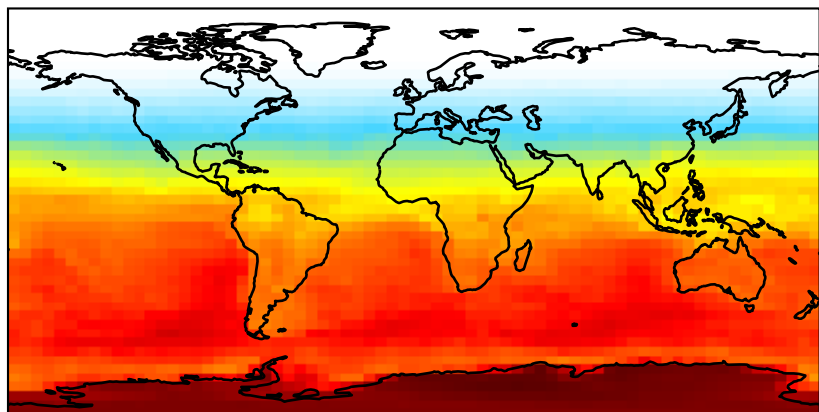


Ratio  
Dev/Ref, Fixed Range

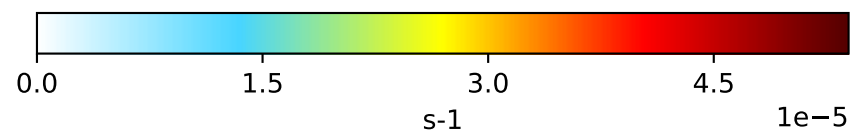
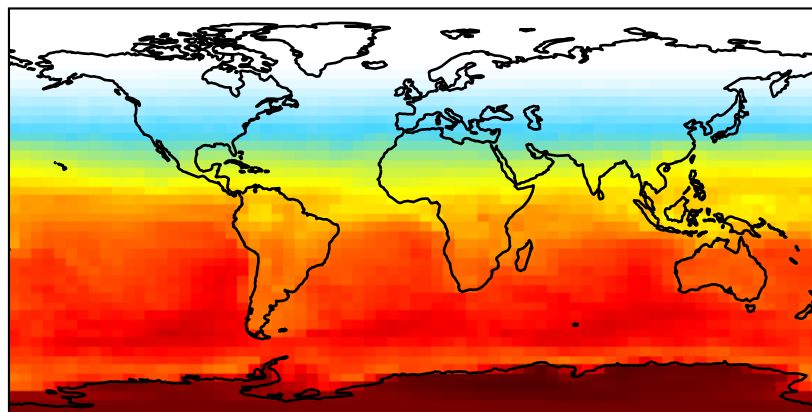


# Jval\_HPALD4 (Jan2019)

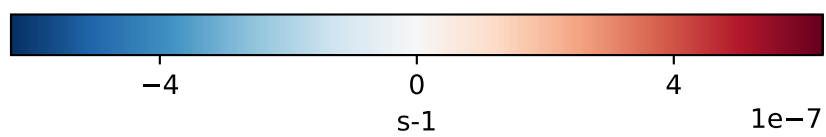
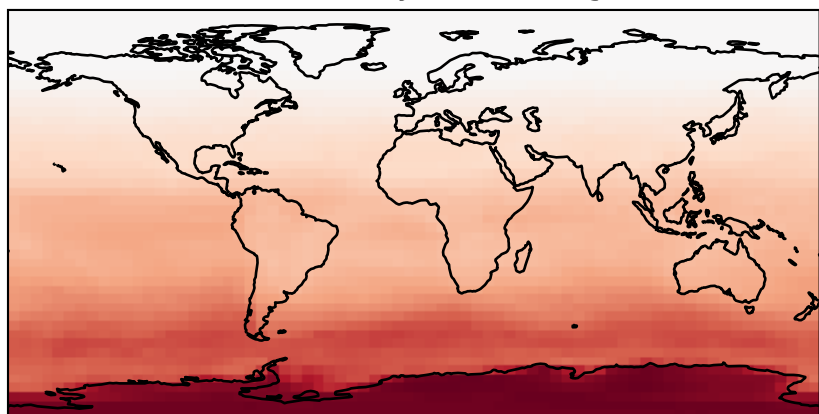
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



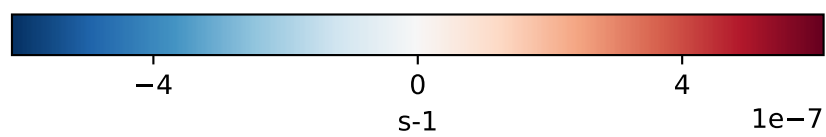
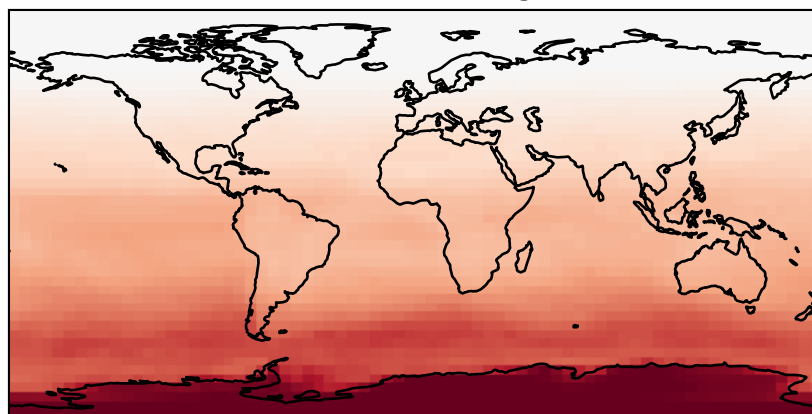
GCC\_13.0.0 (Dev)  
4.0x5.0



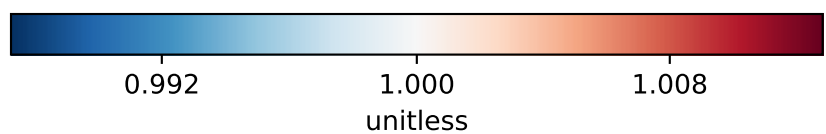
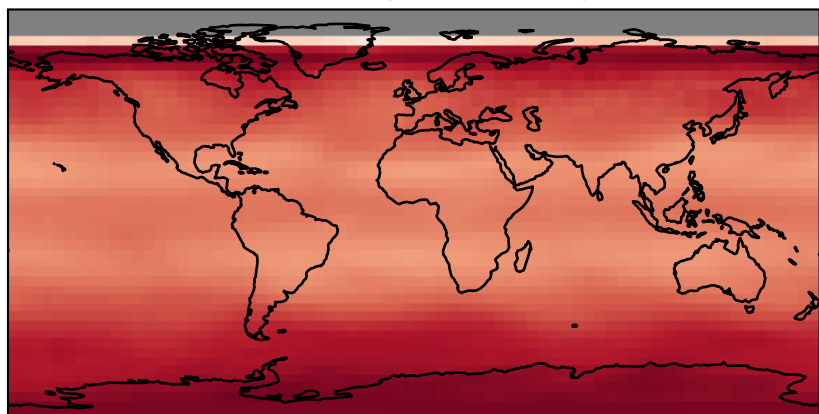
Difference  
Dev - Ref, Dynamic Range



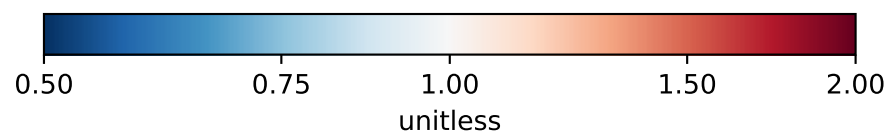
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

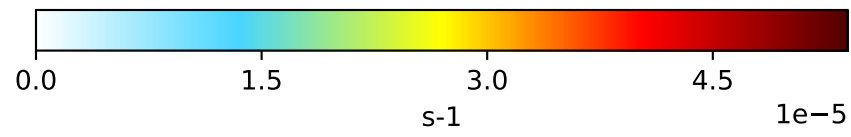
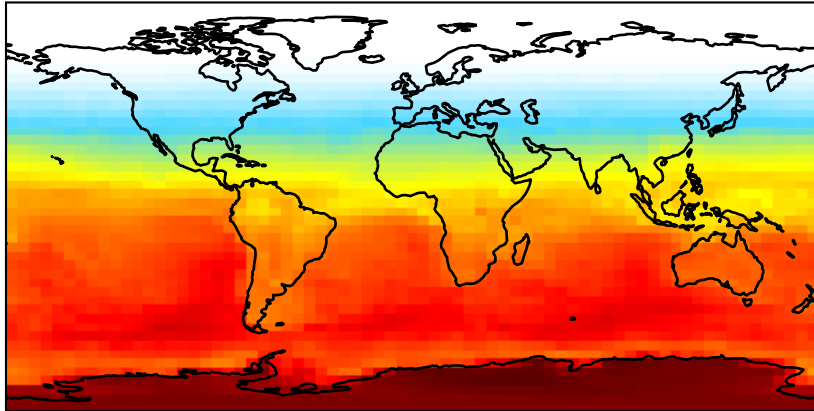


Ratio  
Dev/Ref, Fixed Range

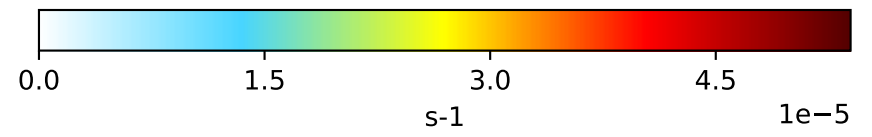
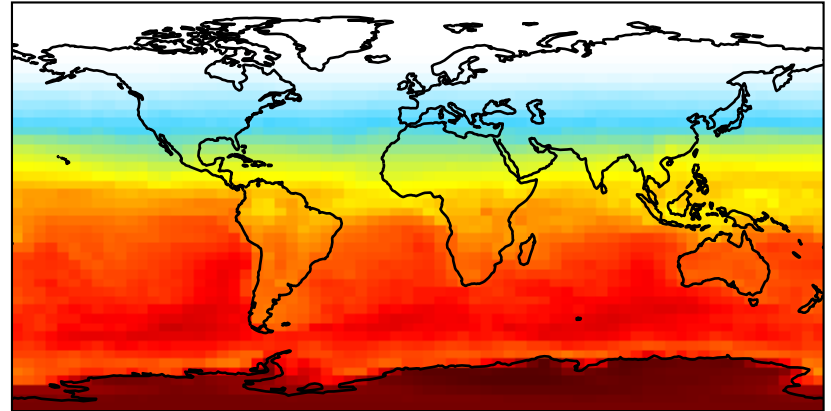


# Jval\_HPETHNL (Jan2019)

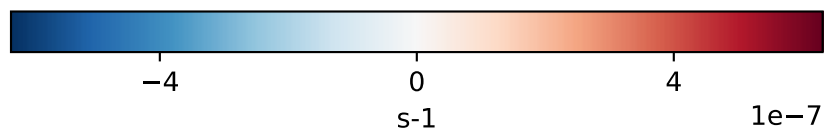
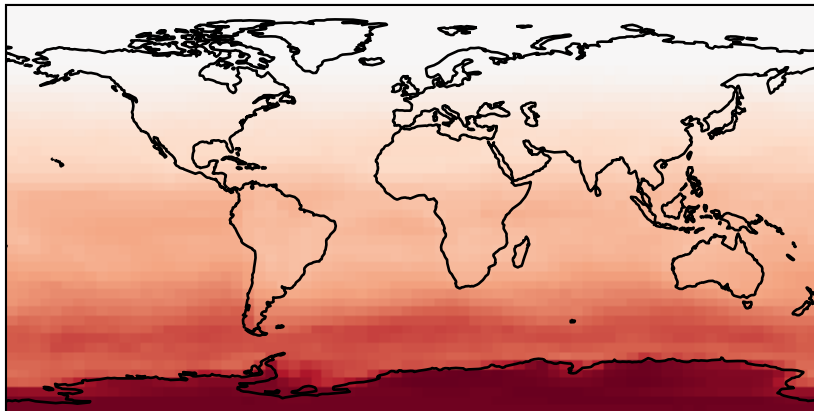
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



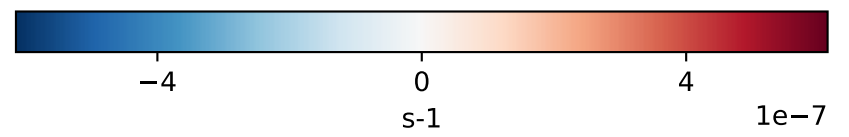
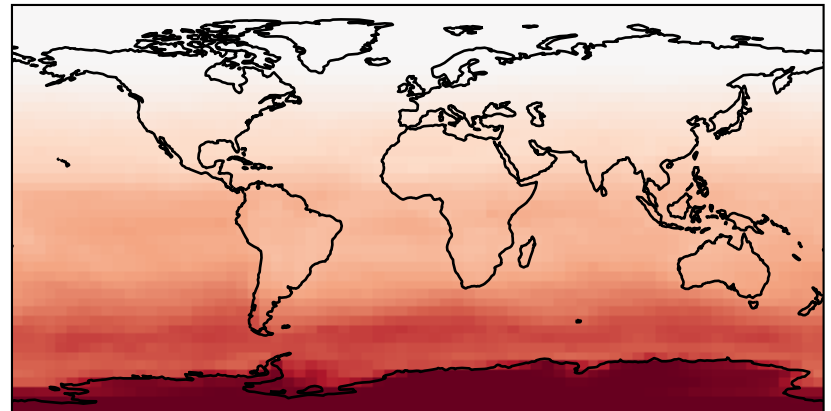
GCC\_13.0.0 (Dev)  
4.0x5.0



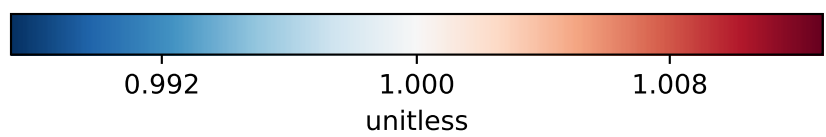
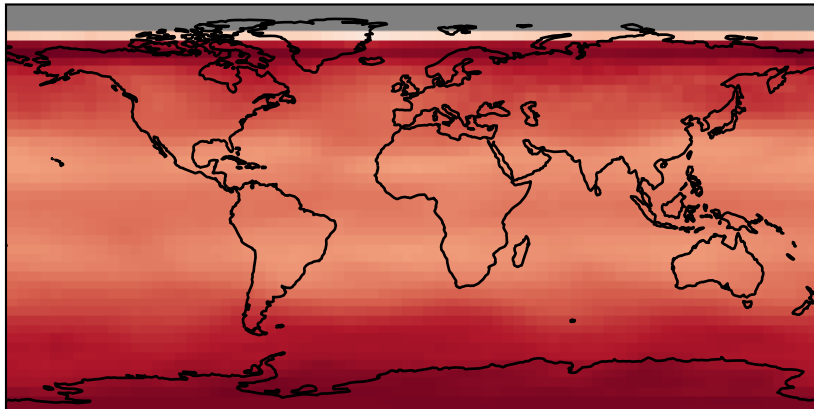
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range



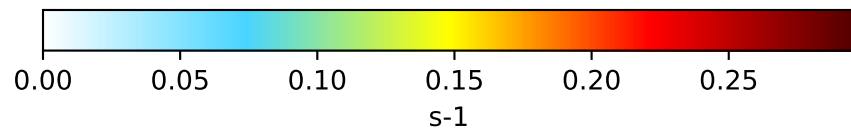
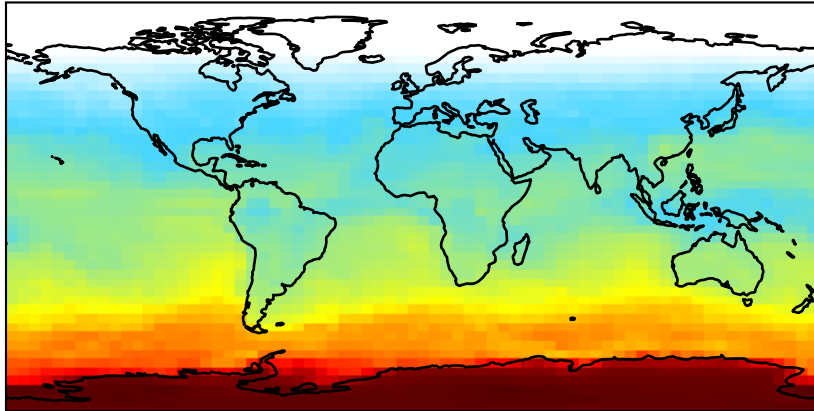
Ratio  
Dev/Ref, Fixed Range



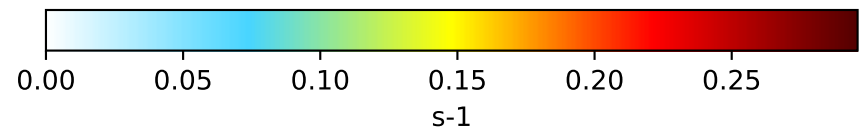
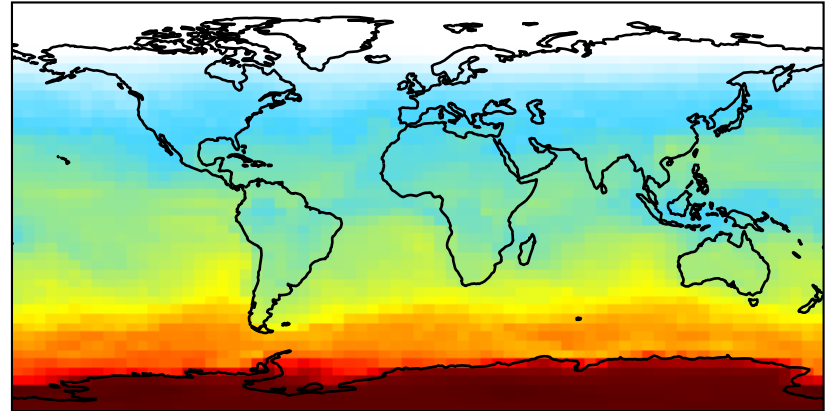


# Jval\_I2 (Jan2019)

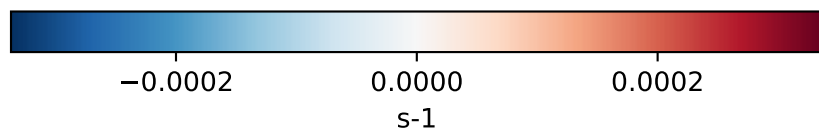
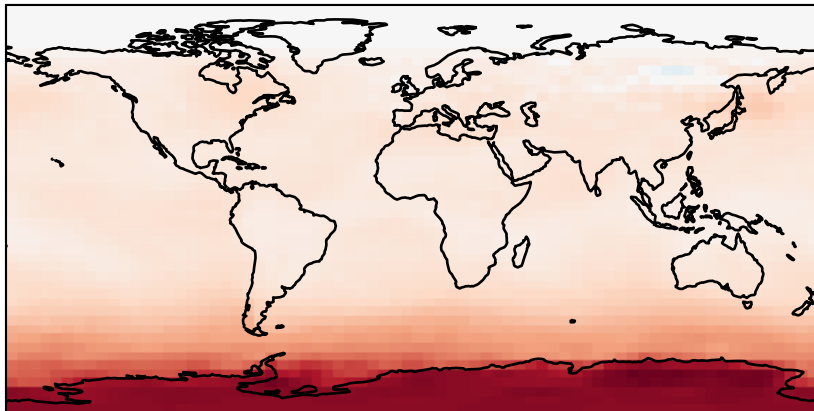
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



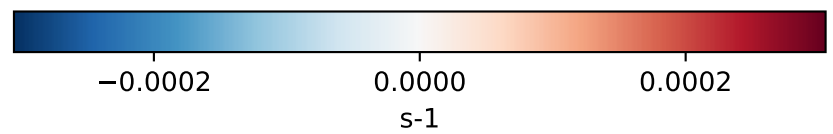
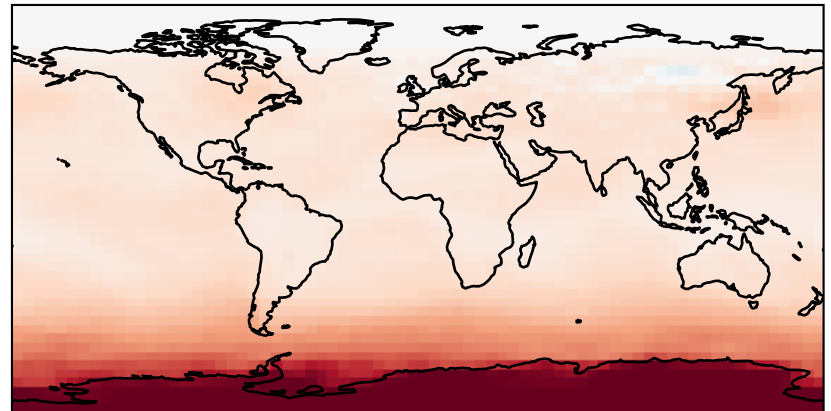
GCC\_13.0.0 (Dev)  
4.0x5.0



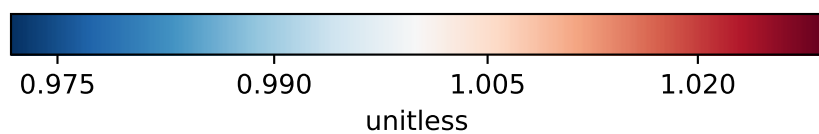
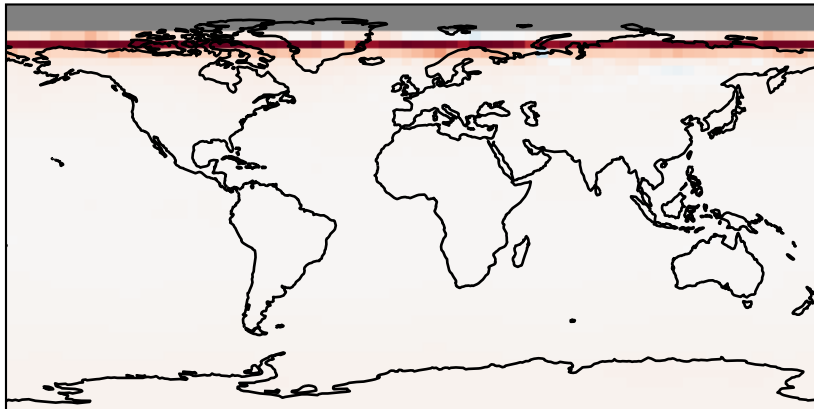
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

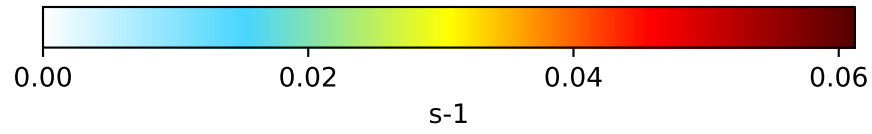
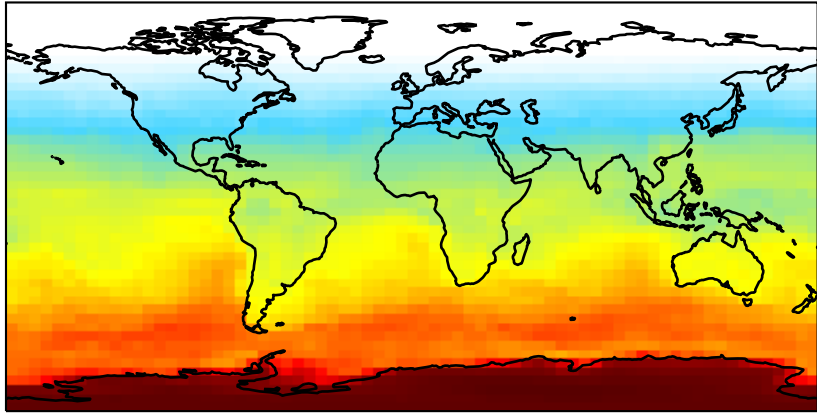


Ratio  
Dev/Ref, Fixed Range

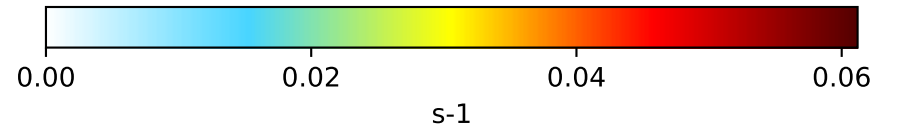
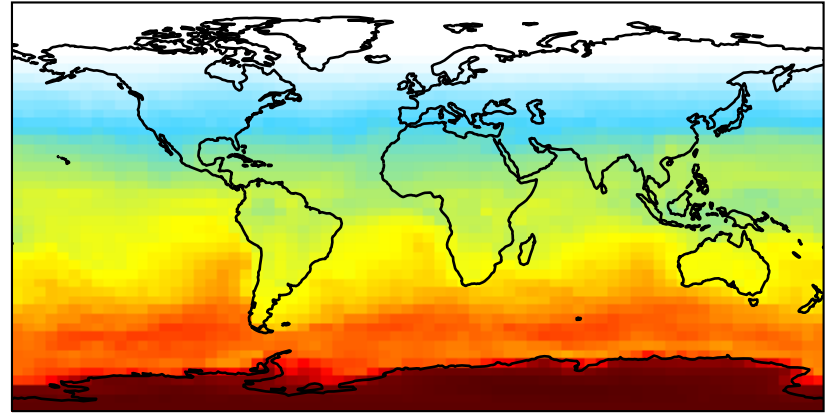


# Jval\_I202 (Jan2019)

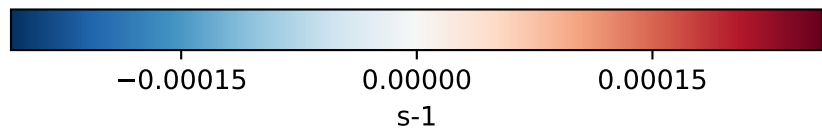
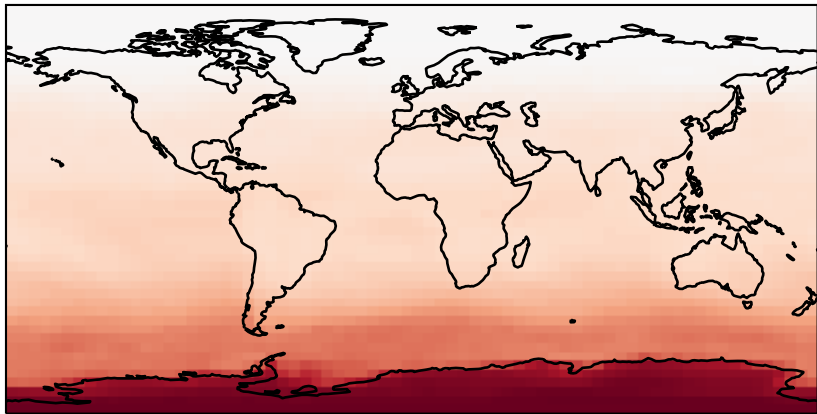
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



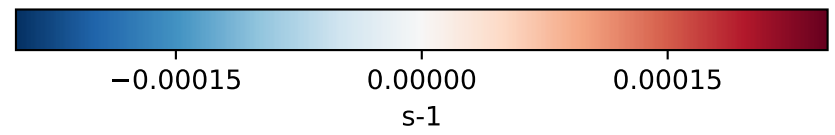
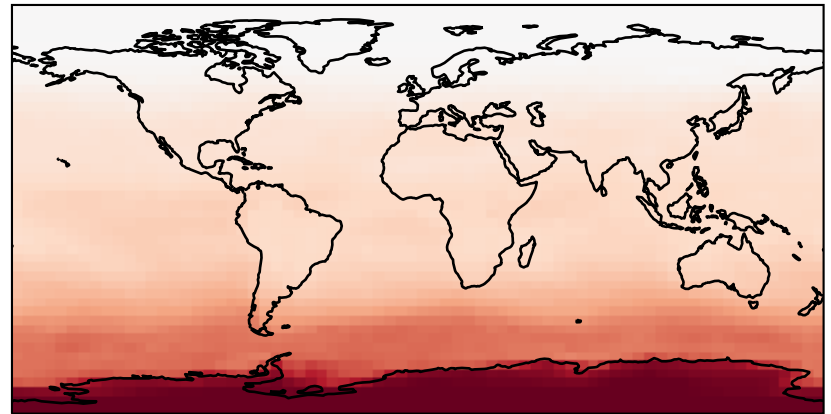
GCC\_13.0.0 (Dev)  
4.0x5.0



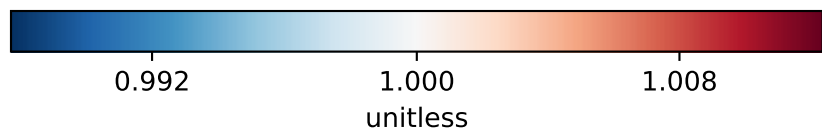
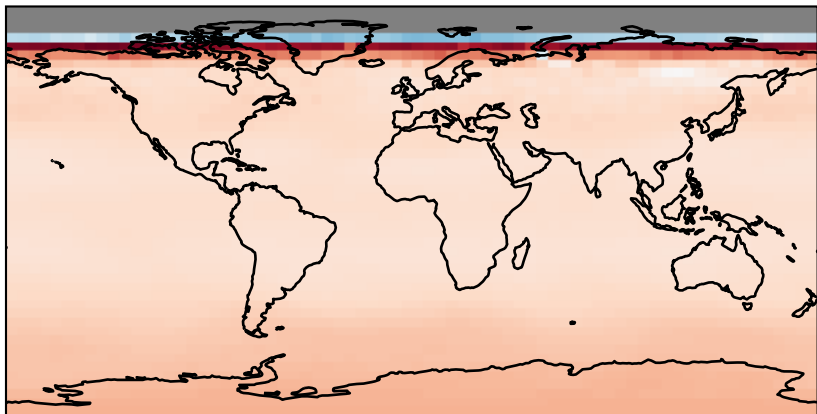
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

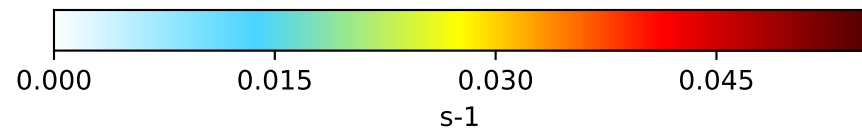
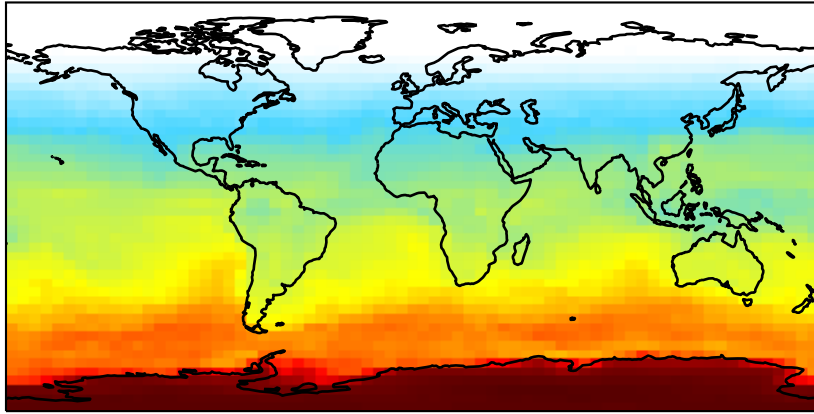


Ratio  
Dev/Ref, Fixed Range

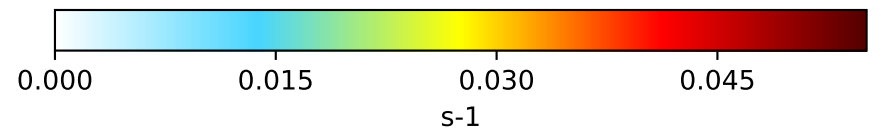
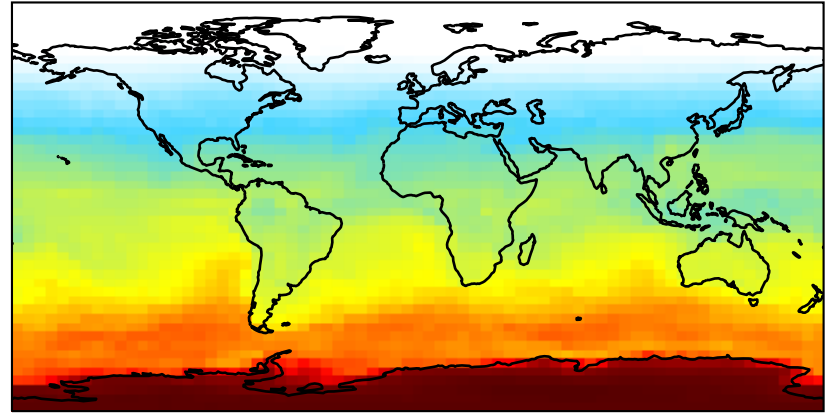


# Jval\_I203 (Jan2019)

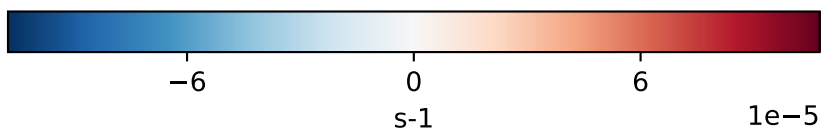
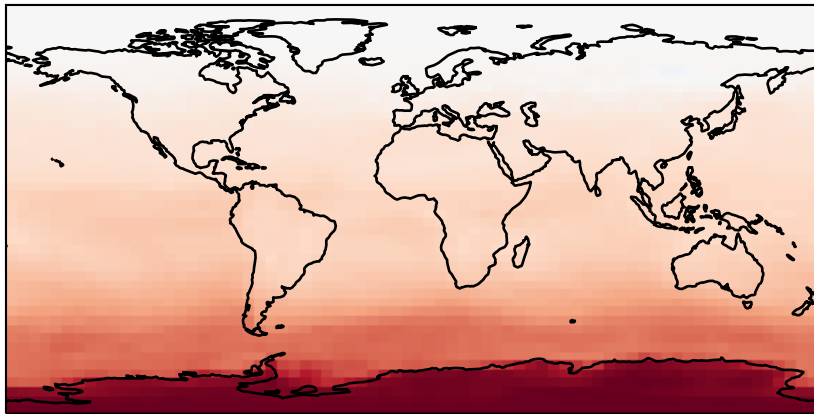
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



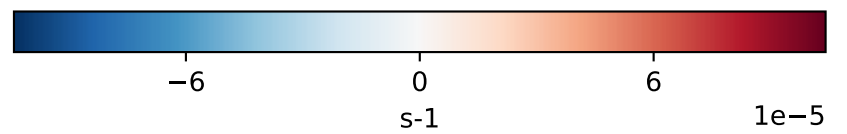
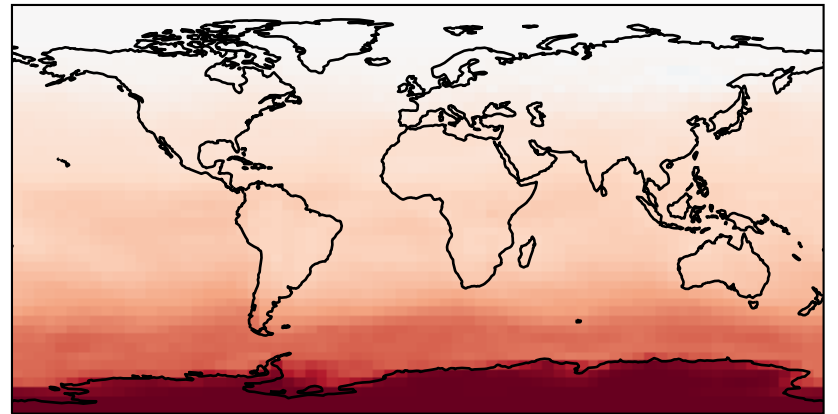
GCC\_13.0.0 (Dev)  
4.0x5.0



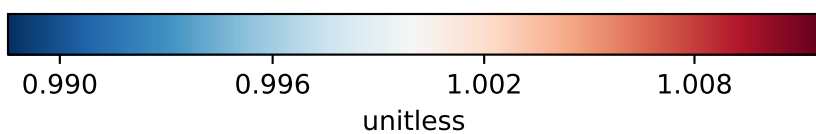
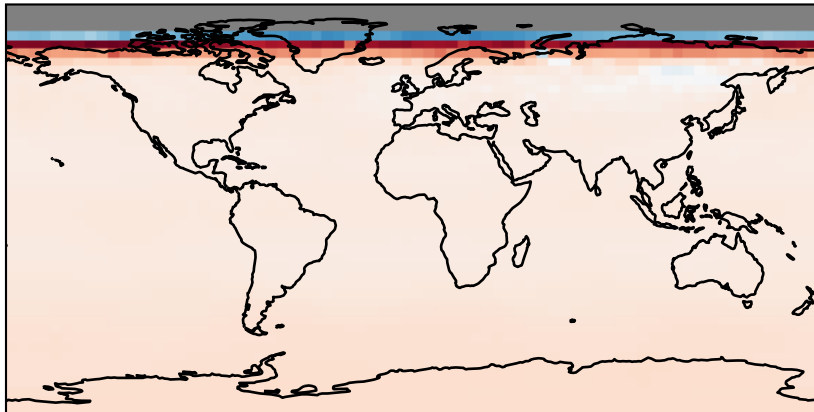
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

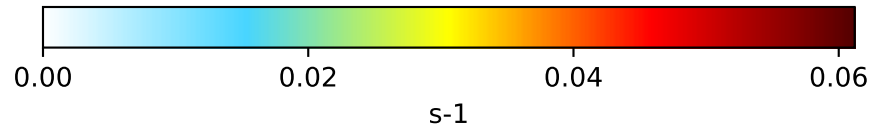
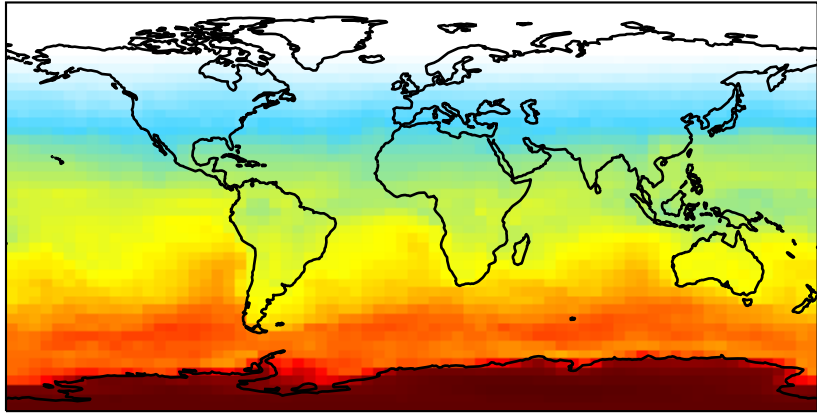


Ratio  
Dev/Ref, Fixed Range

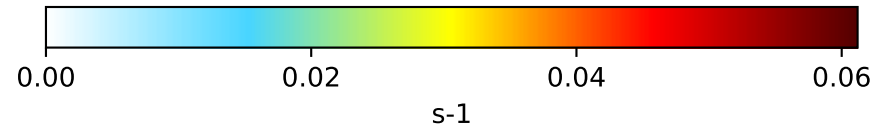
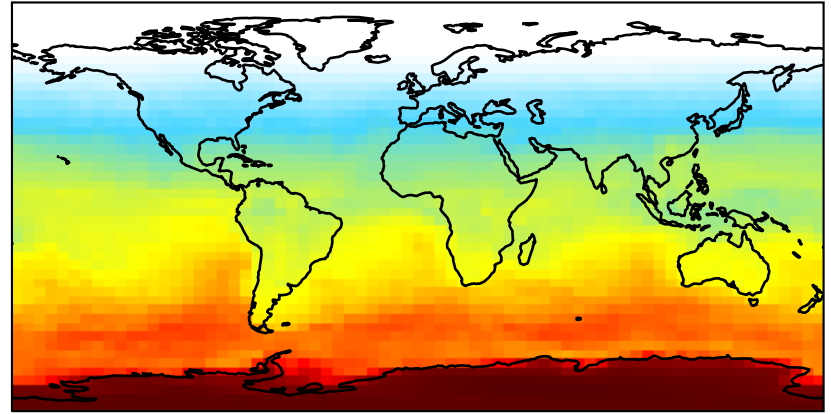


# Jval\_I204 (Jan2019)

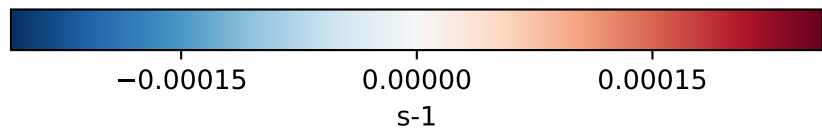
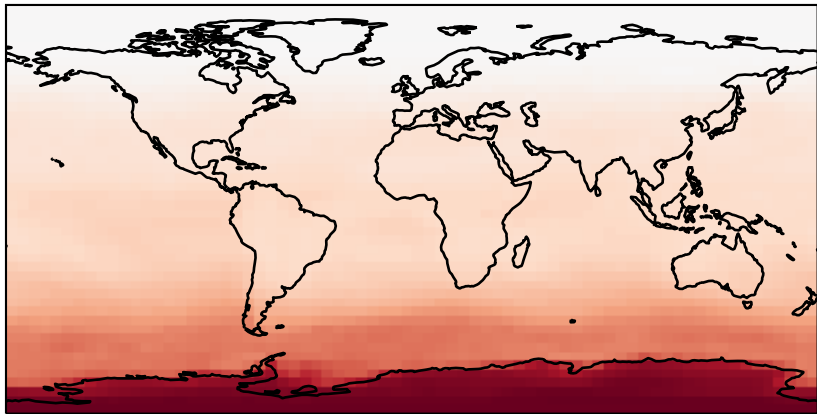
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



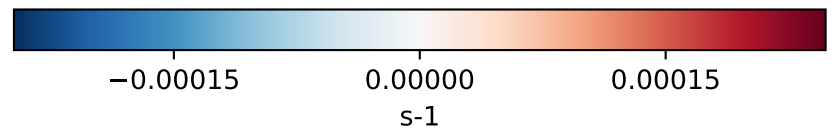
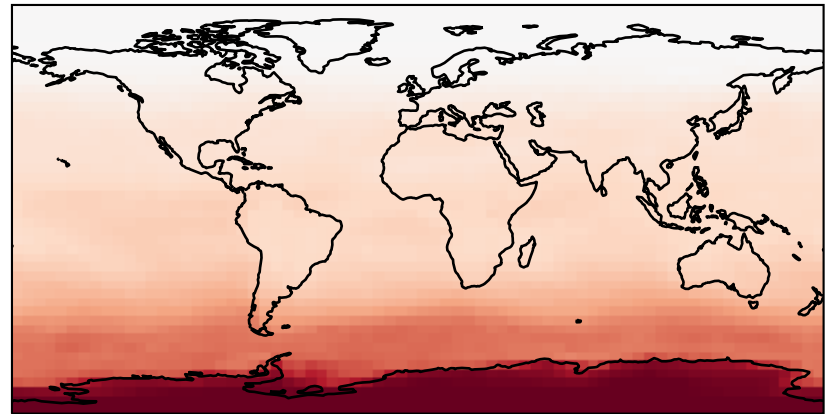
GCC\_13.0.0 (Dev)  
4.0x5.0



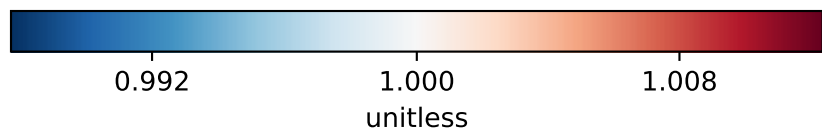
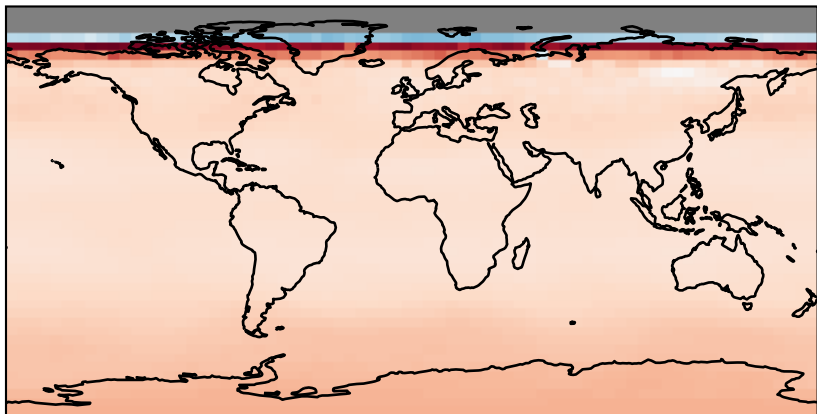
Difference  
Dev - Ref, Dynamic Range



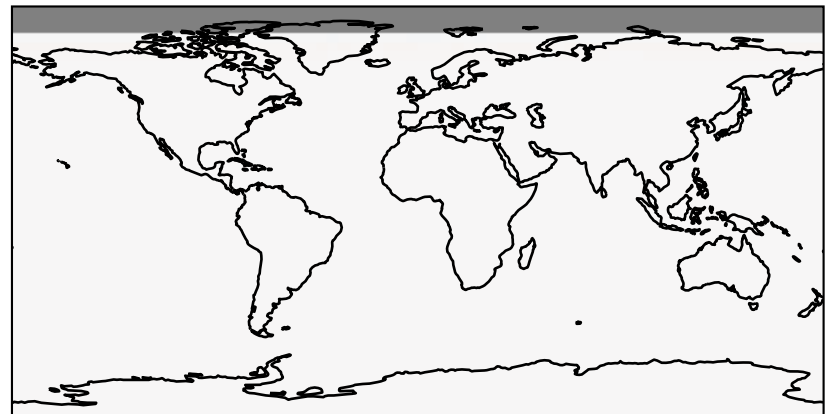
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

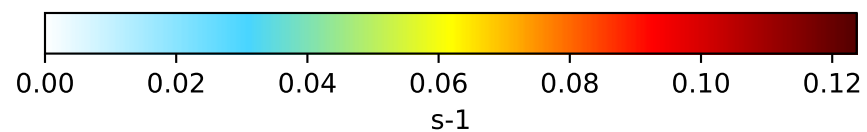
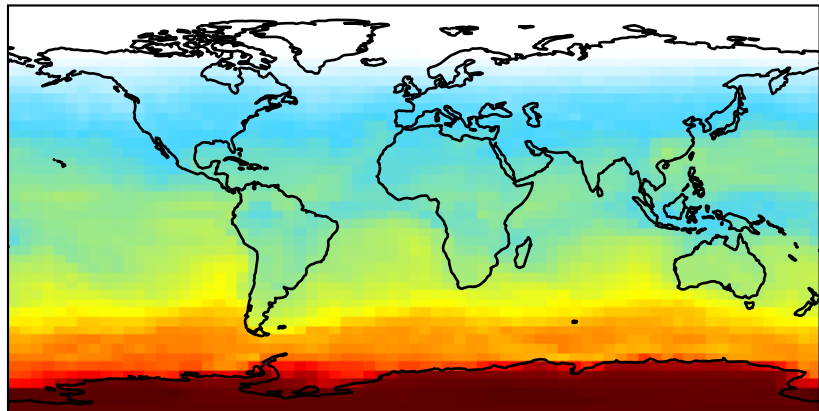


Ratio  
Dev/Ref, Fixed Range

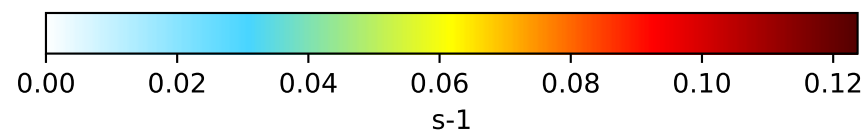
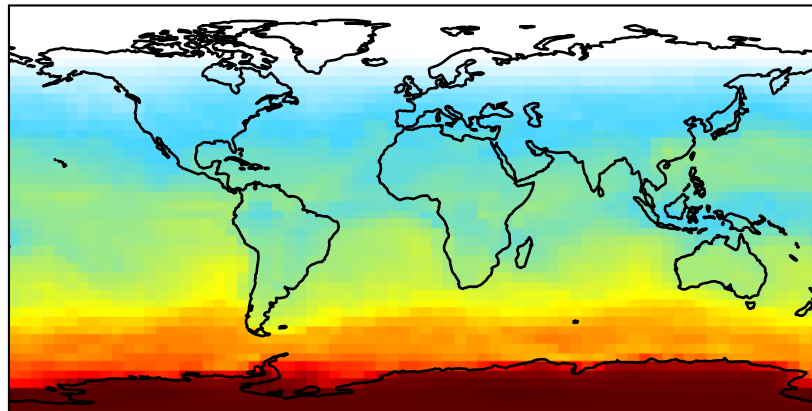


# Jval\_IBr (Jan2019)

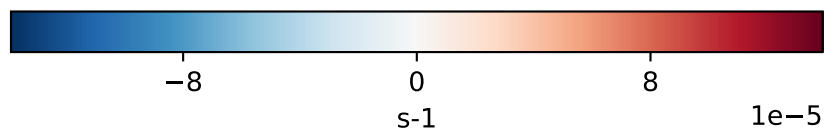
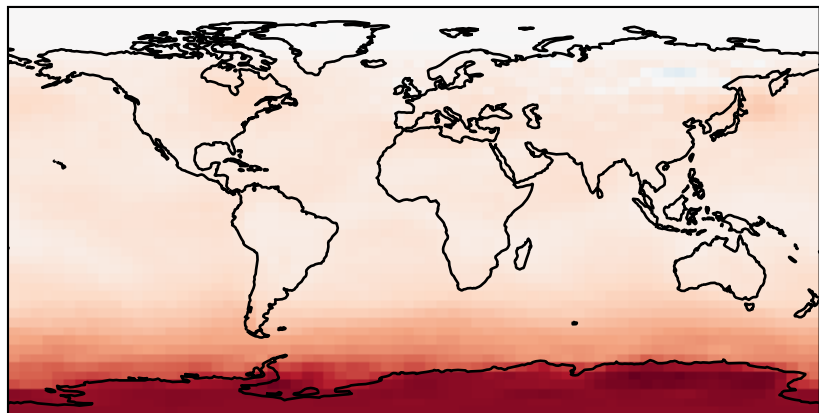
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



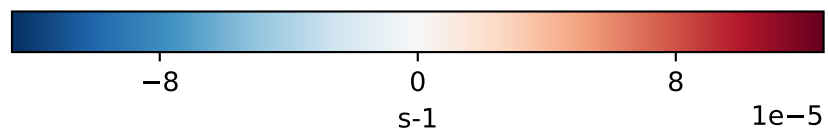
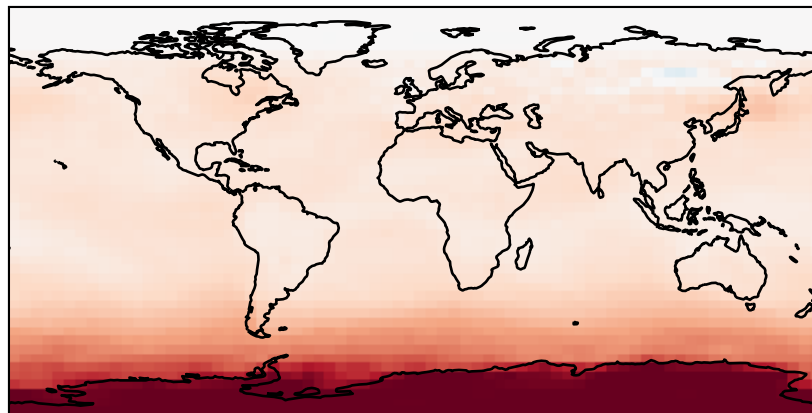
GCC\_13.0.0 (Dev)  
4.0x5.0



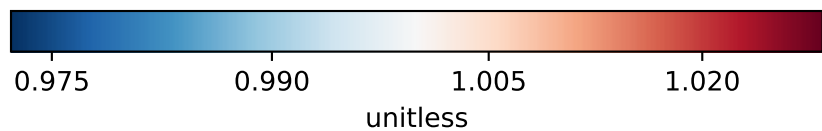
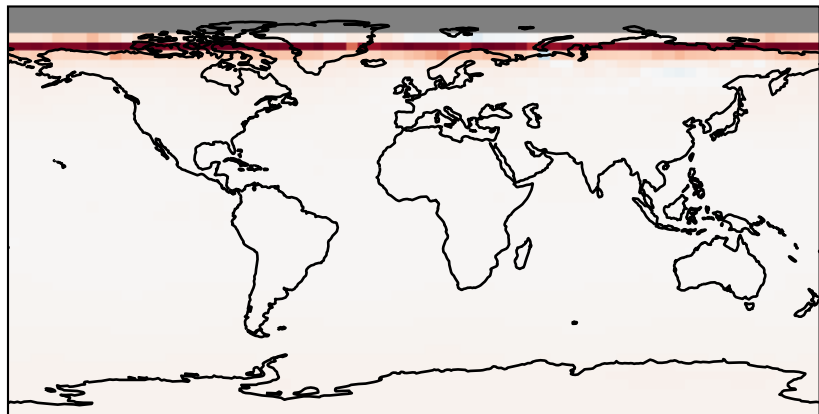
Difference  
Dev - Ref, Dynamic Range



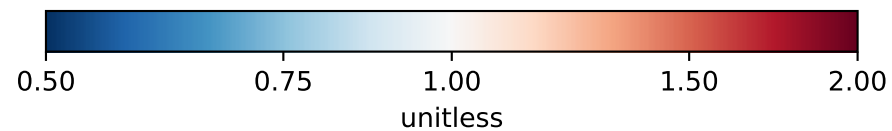
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



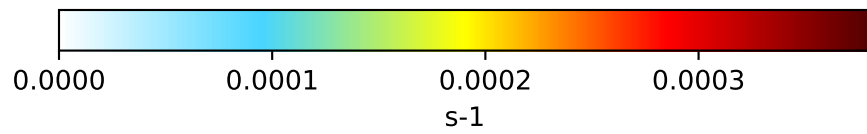
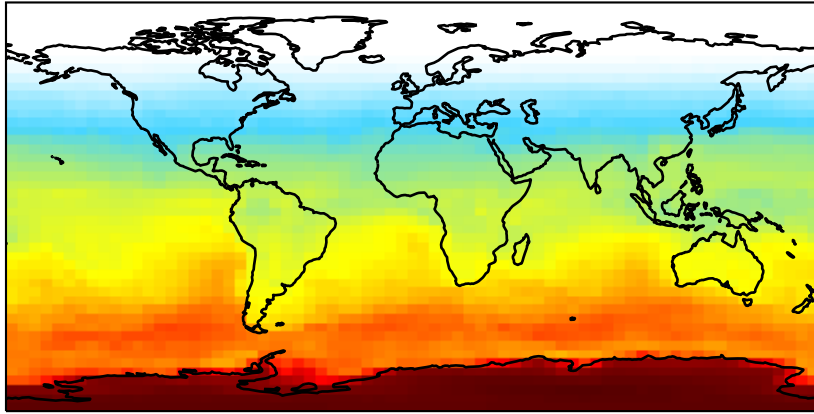
Ratio  
Dev/Ref, Fixed Range



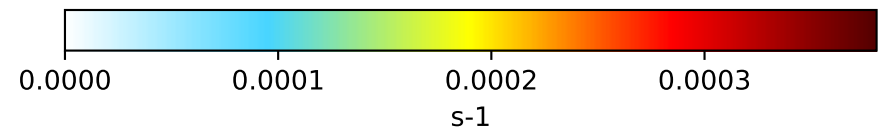
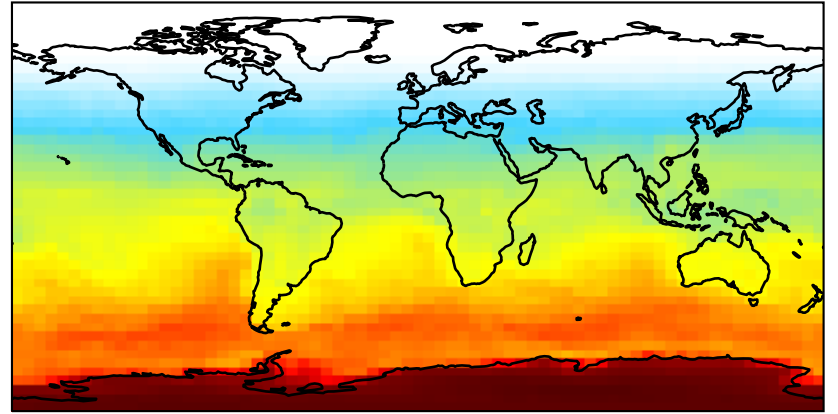


# Jval\_ICN (Jan2019)

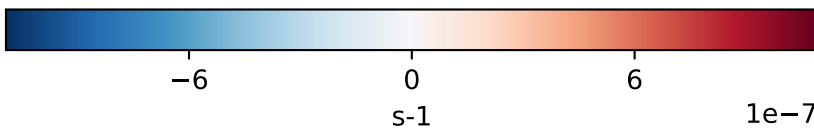
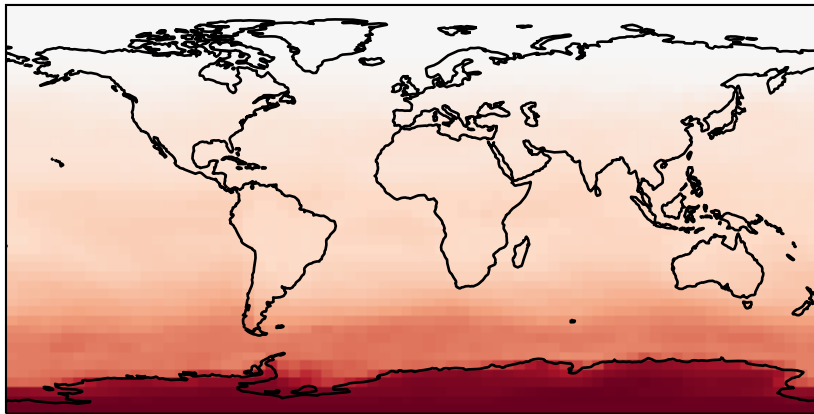
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



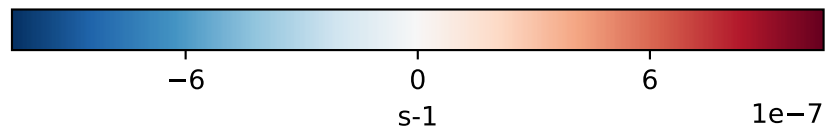
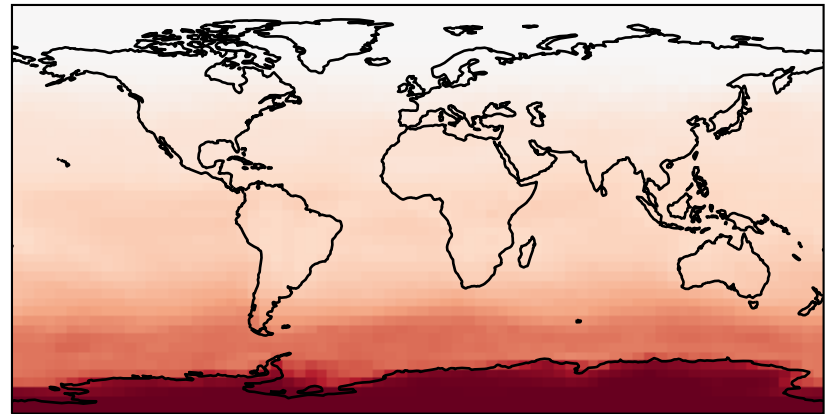
GCC\_13.0.0 (Dev)  
4.0x5.0



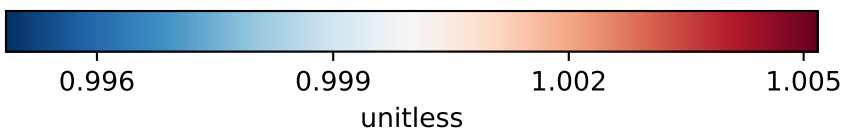
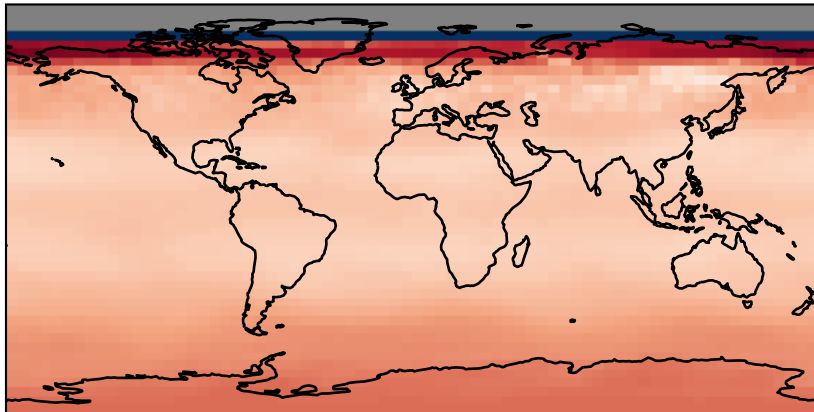
Difference  
Dev - Ref, Dynamic Range



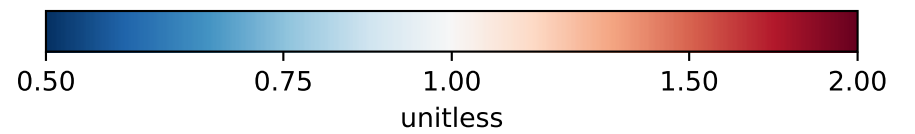
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

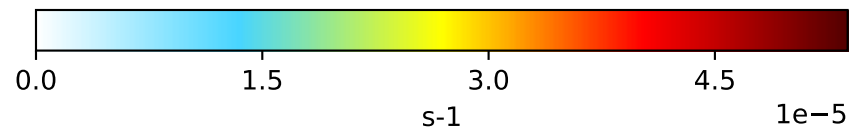
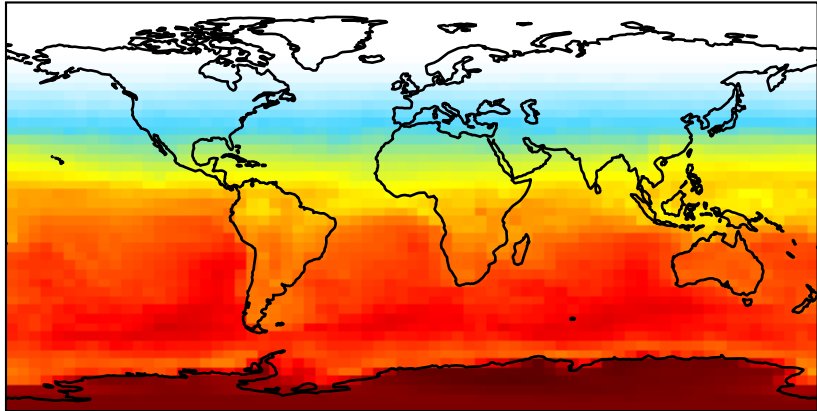


Ratio  
Dev/Ref, Fixed Range

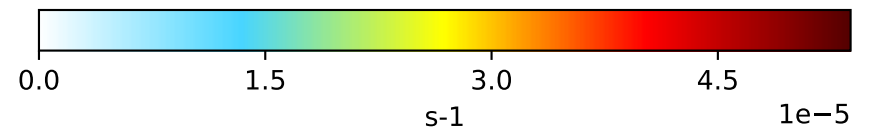
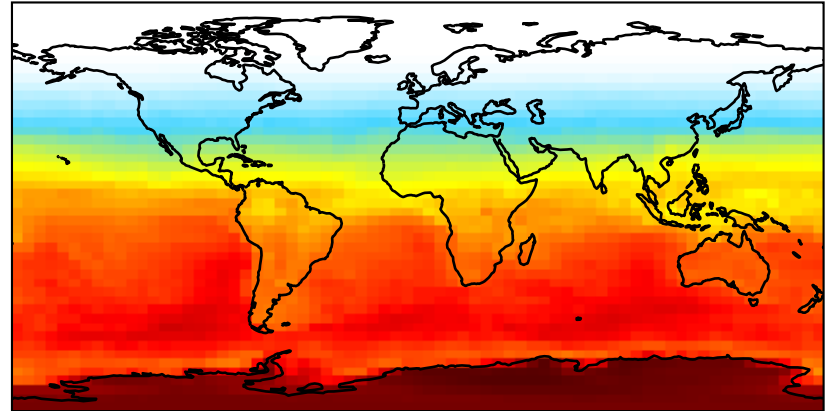


# Jval\_ICPDH (Jan2019)

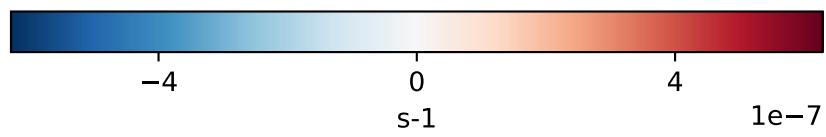
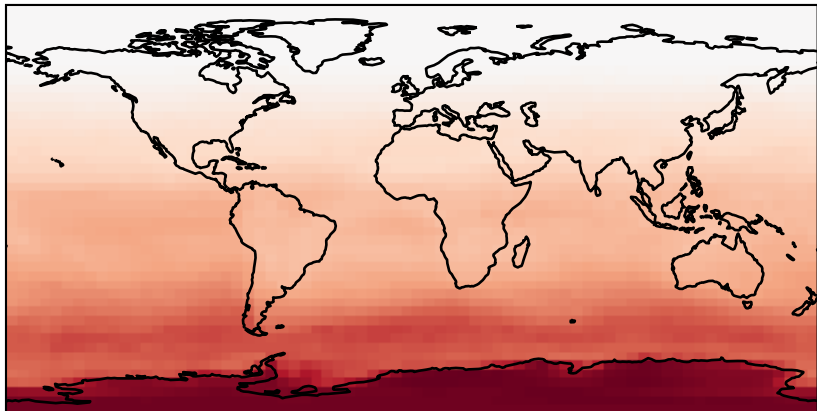
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



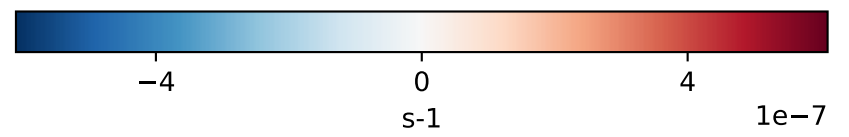
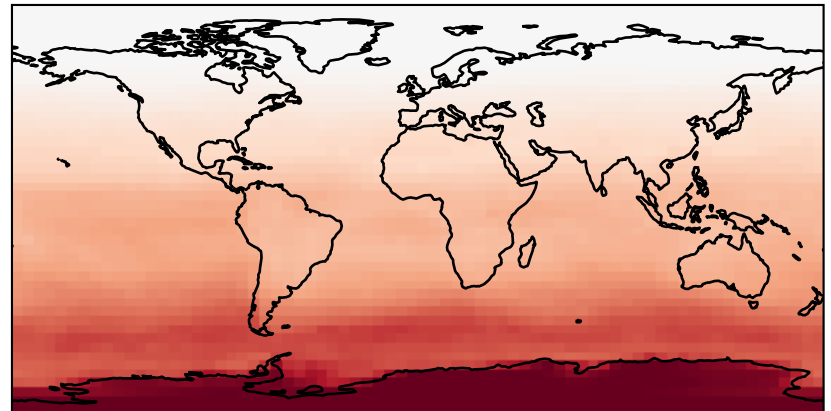
GCC\_13.0.0 (Dev)  
4.0x5.0



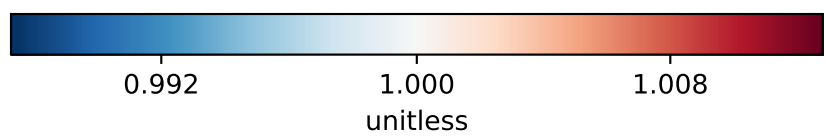
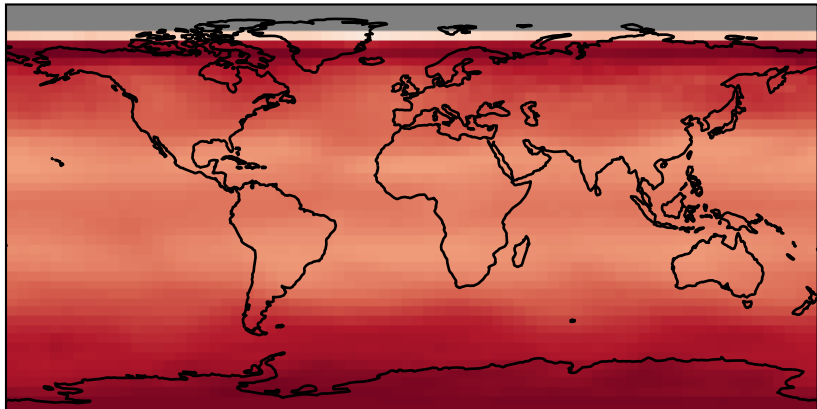
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

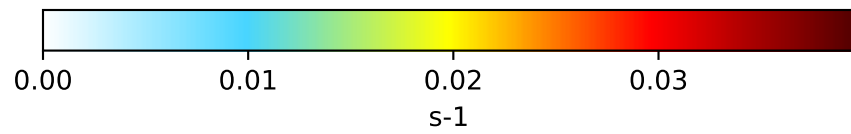
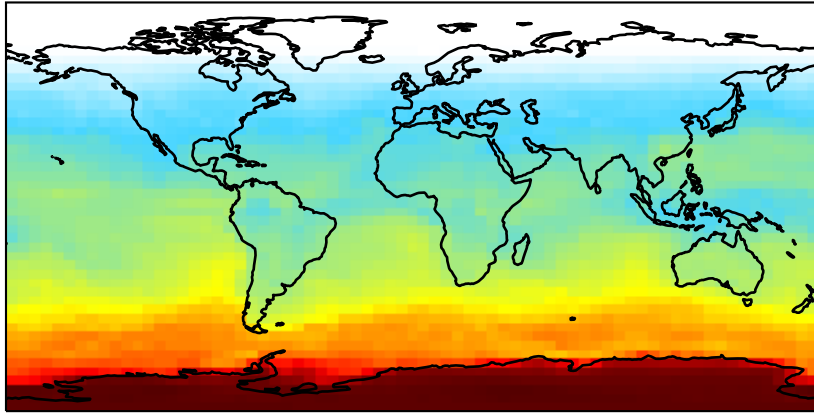


Ratio  
Dev/Ref, Fixed Range

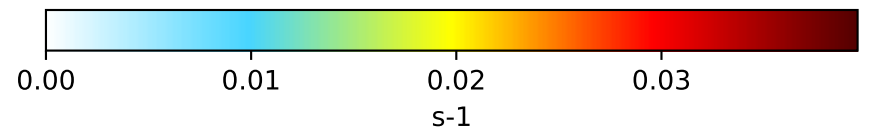
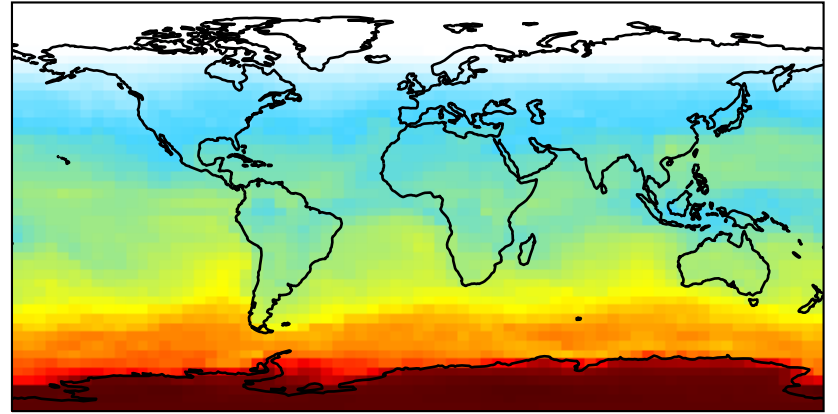


# Jval\_ICI (Jan2019)

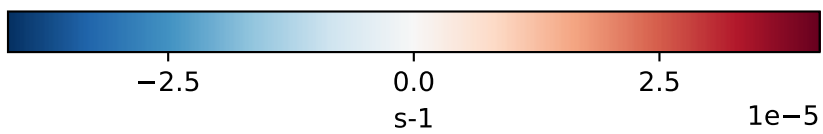
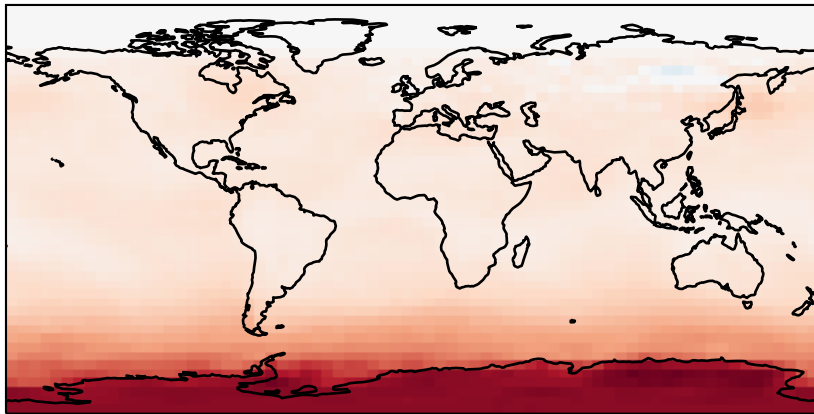
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



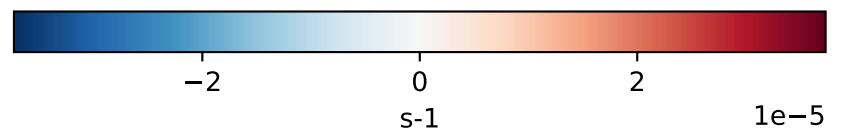
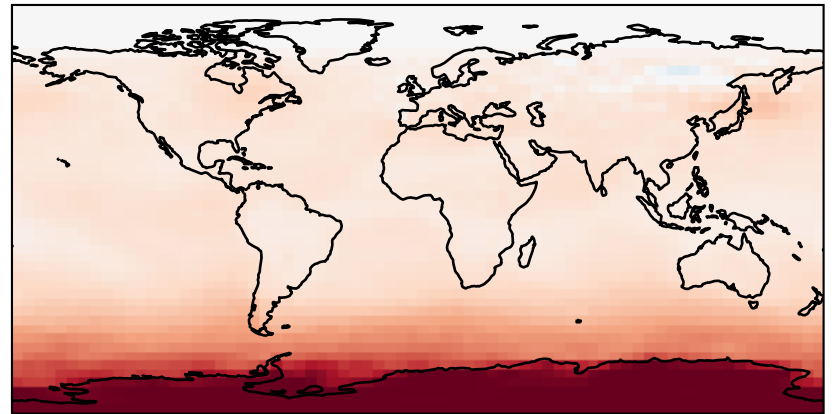
GCC\_13.0.0 (Dev)  
4.0x5.0



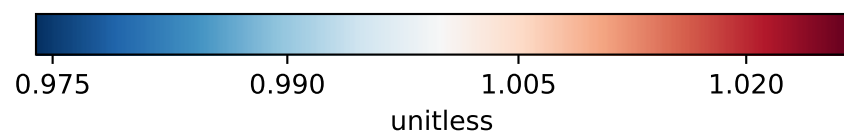
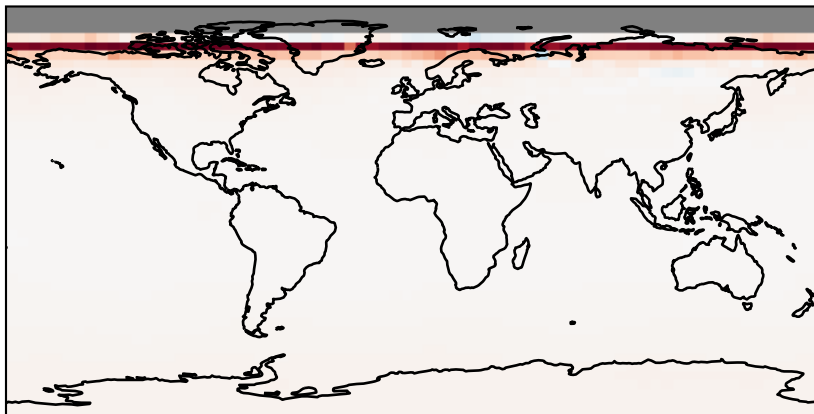
Difference  
Dev - Ref, Dynamic Range



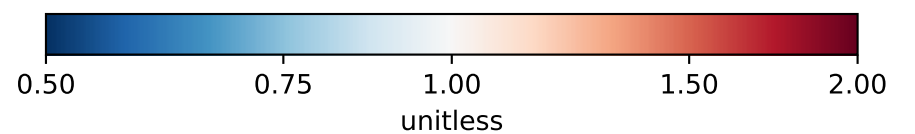
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

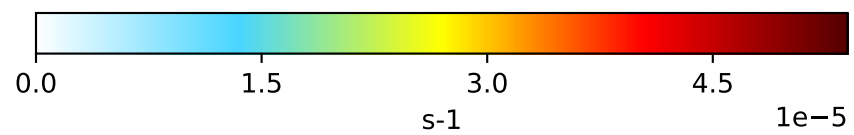
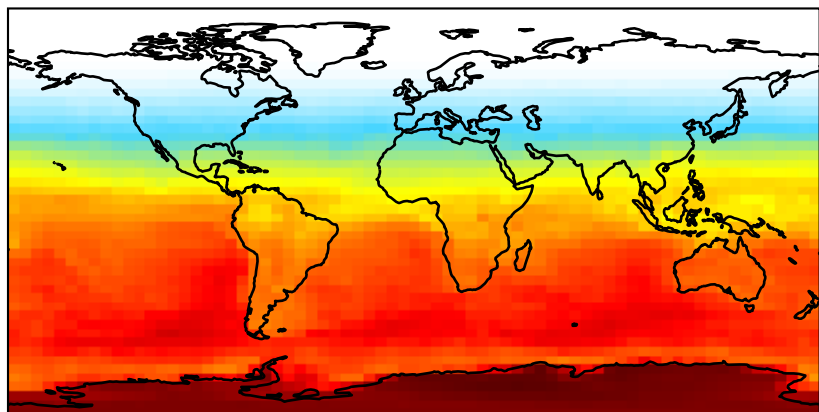


Ratio  
Dev/Ref, Fixed Range

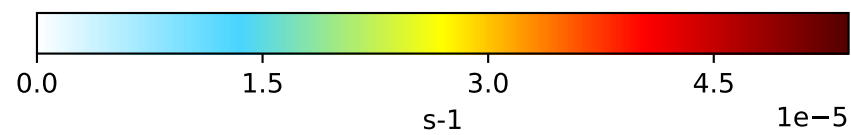
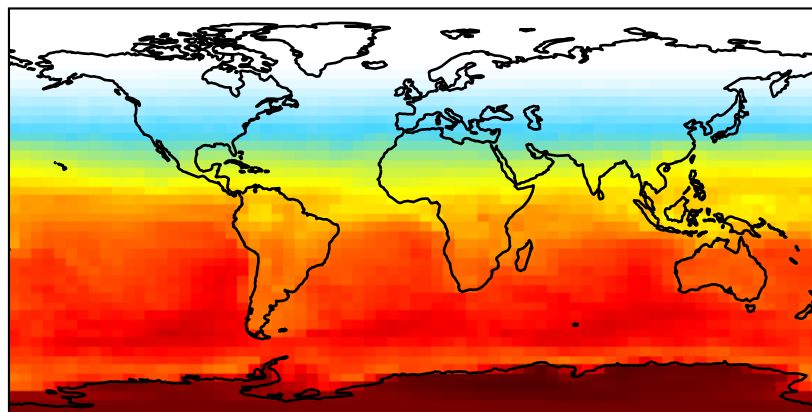


# Jval\_IDCHP (Jan2019)

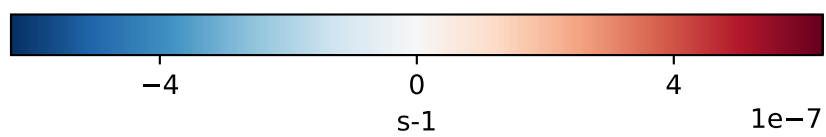
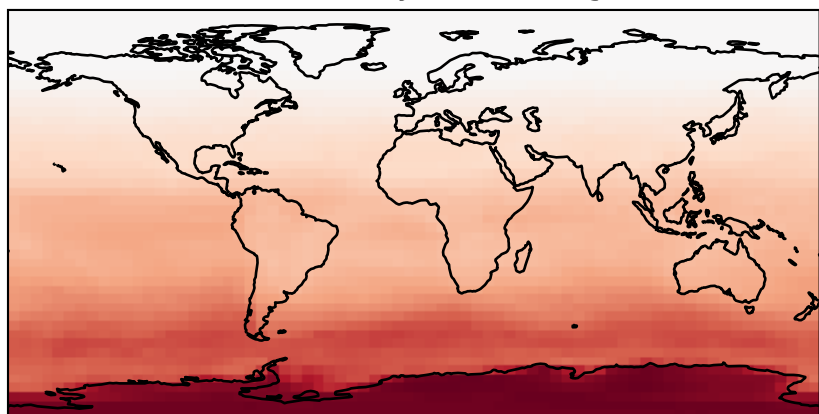
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



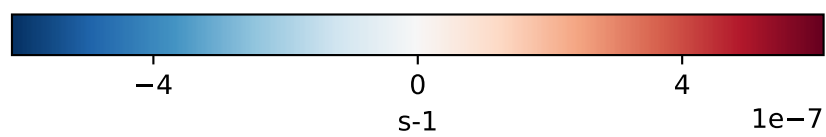
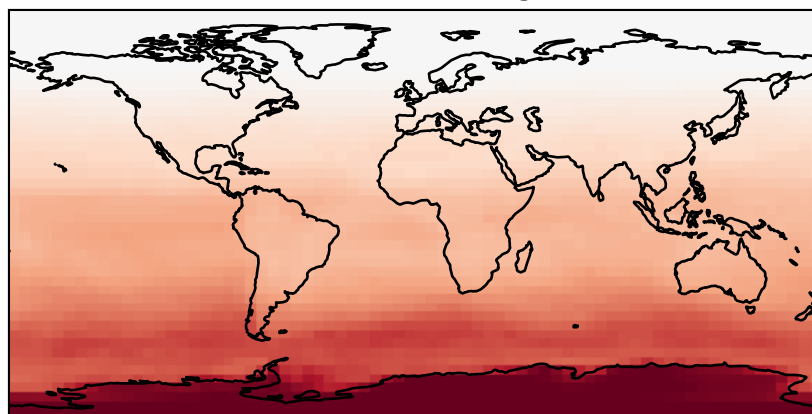
GCC\_13.0.0 (Dev)  
4.0x5.0



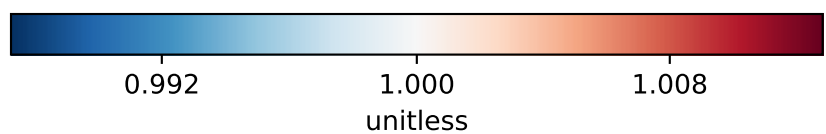
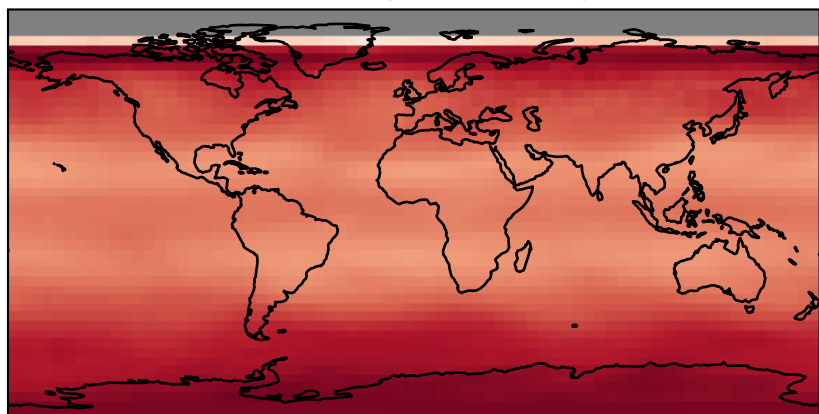
Difference  
Dev - Ref, Dynamic Range



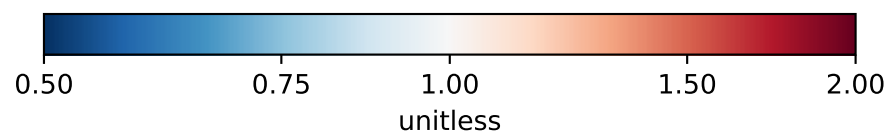
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

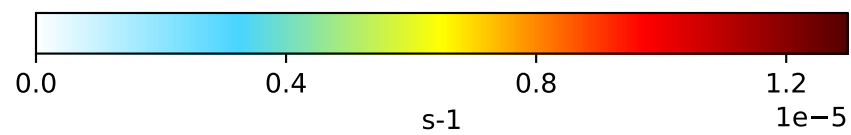
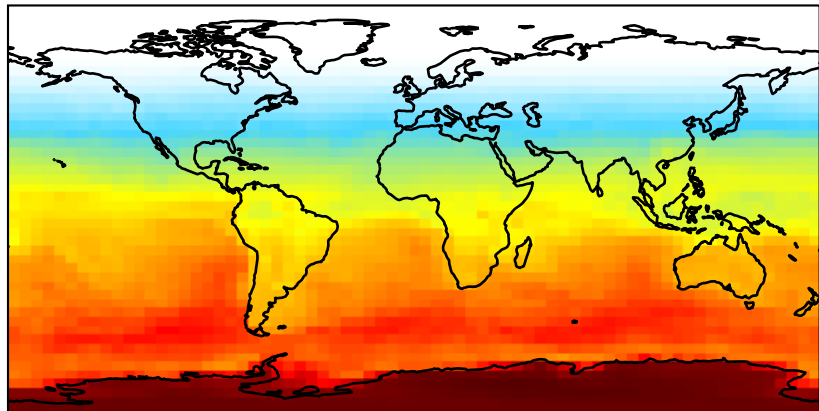


Ratio  
Dev/Ref, Fixed Range

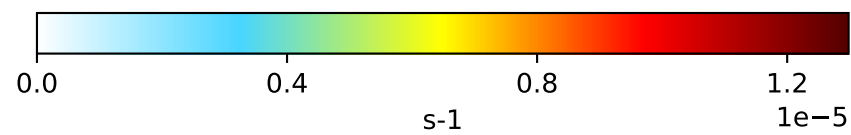
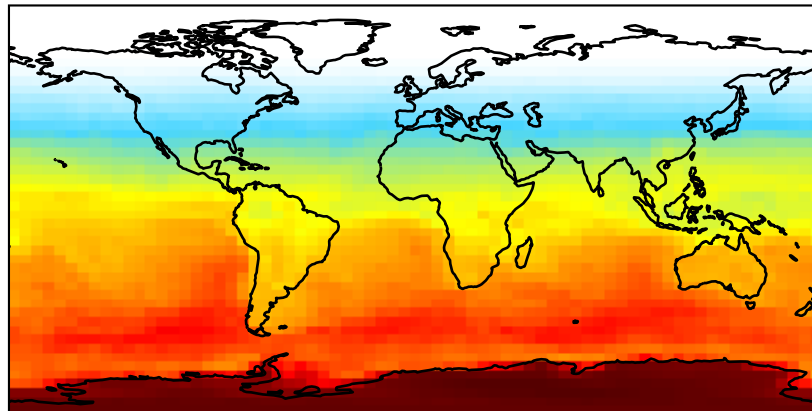


# Jval\_IDHDP (Jan2019)

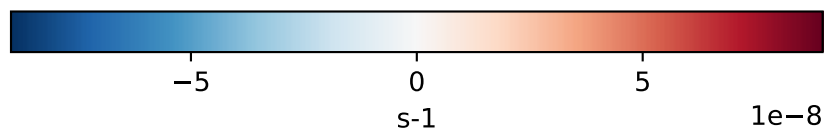
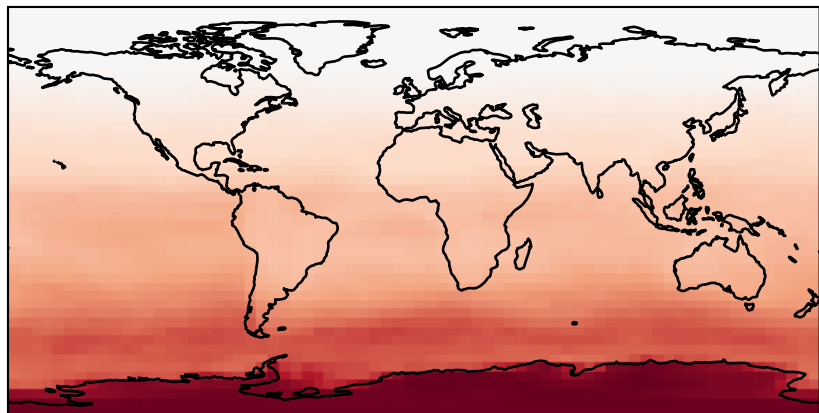
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



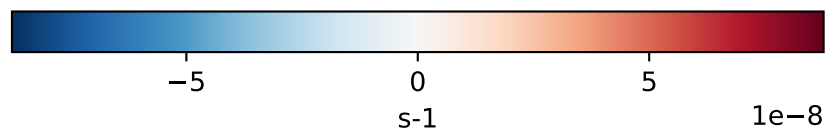
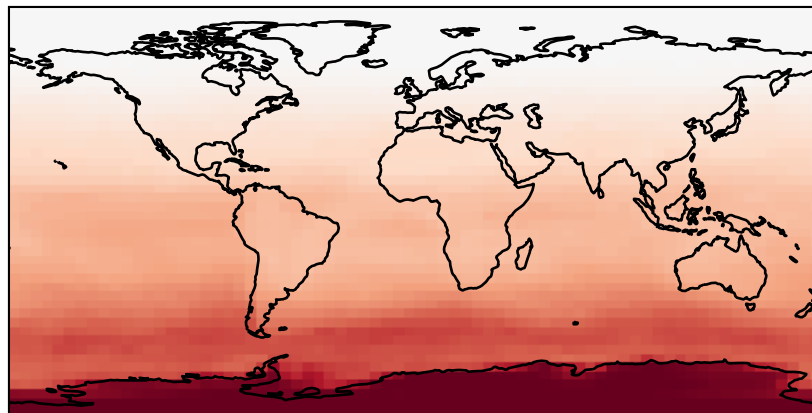
GCC\_13.0.0 (Dev)  
4.0x5.0



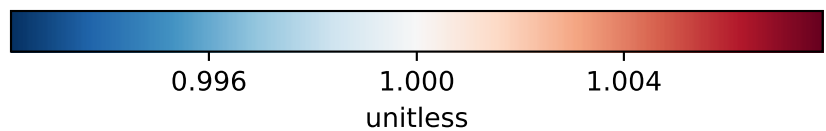
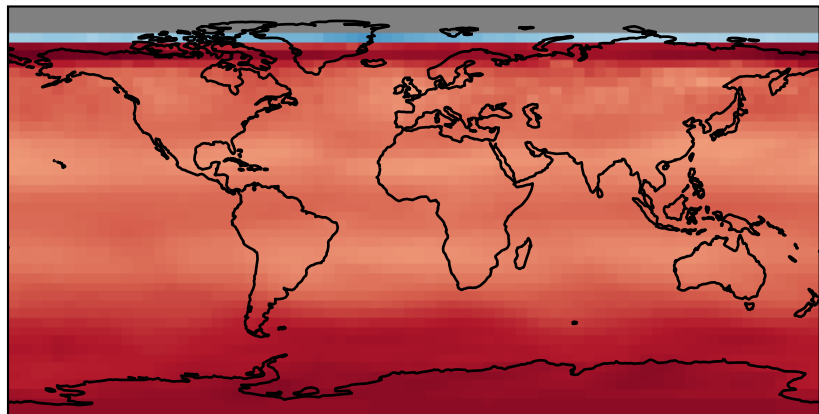
Difference  
Dev - Ref, Dynamic Range



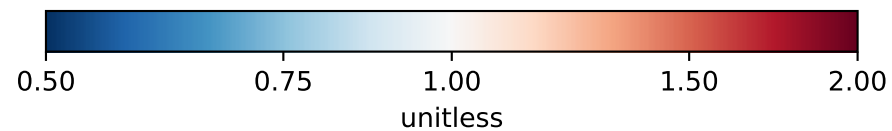
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



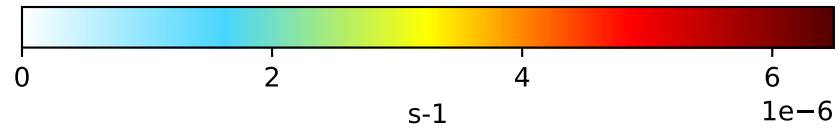
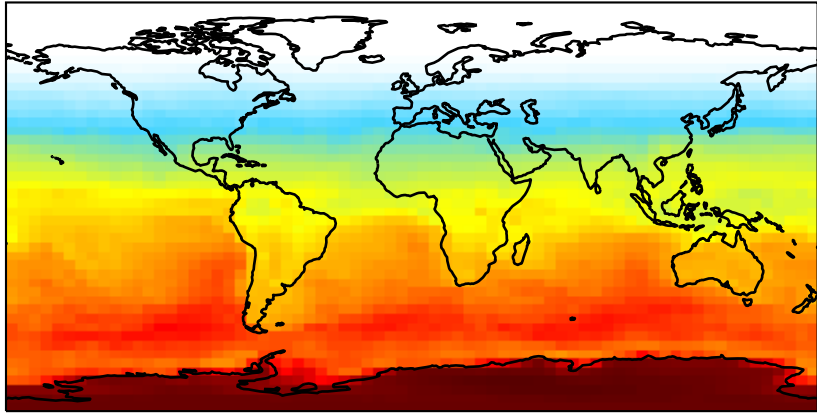
Ratio  
Dev/Ref, Fixed Range



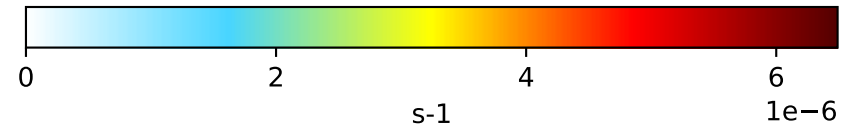
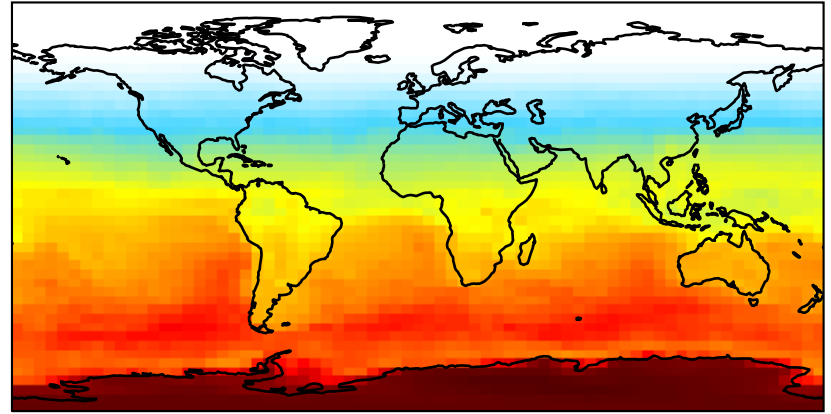


# Jval\_IDHPE (Jan2019)

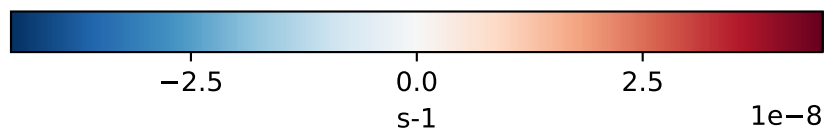
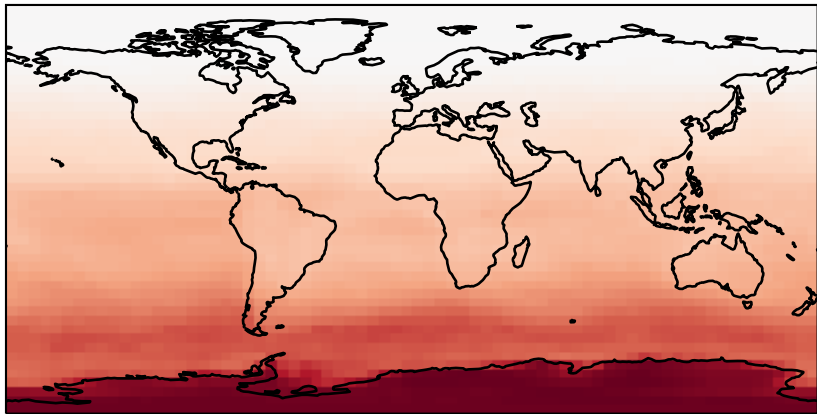
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



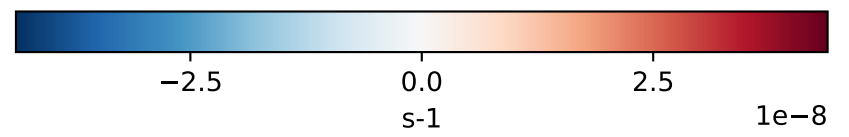
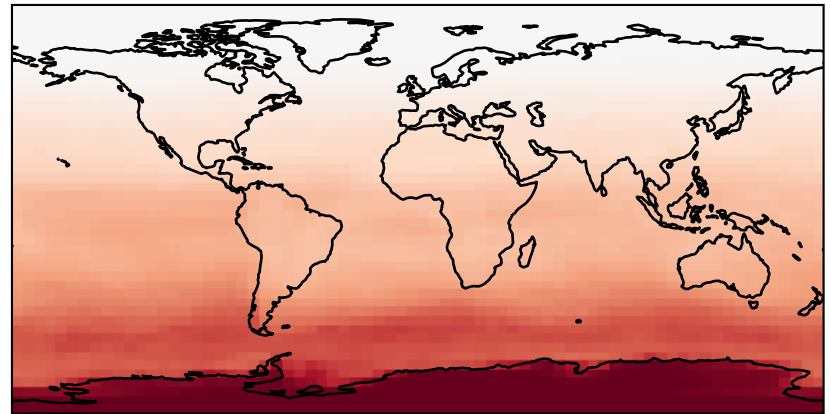
GCC\_13.0.0 (Dev)  
4.0x5.0



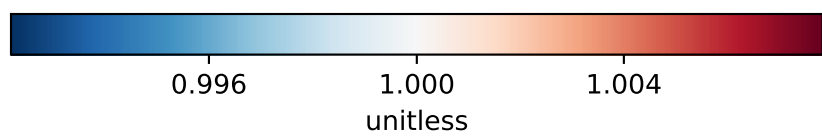
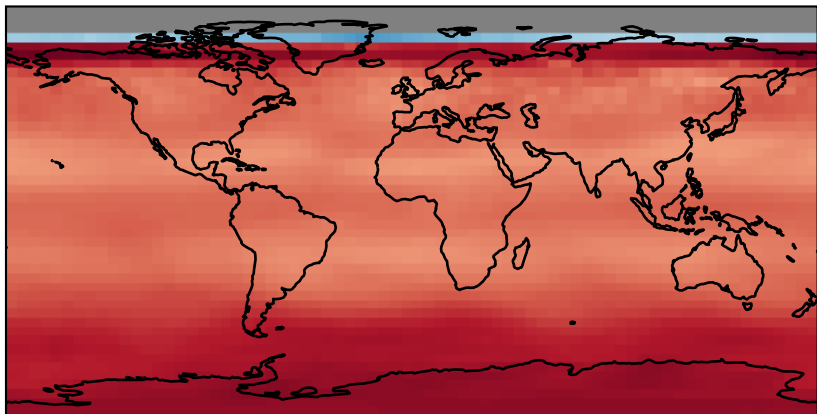
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

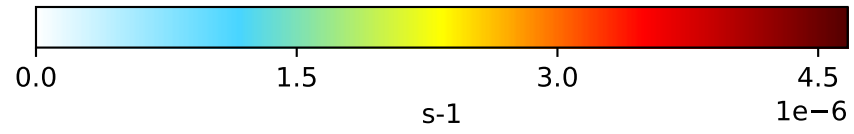
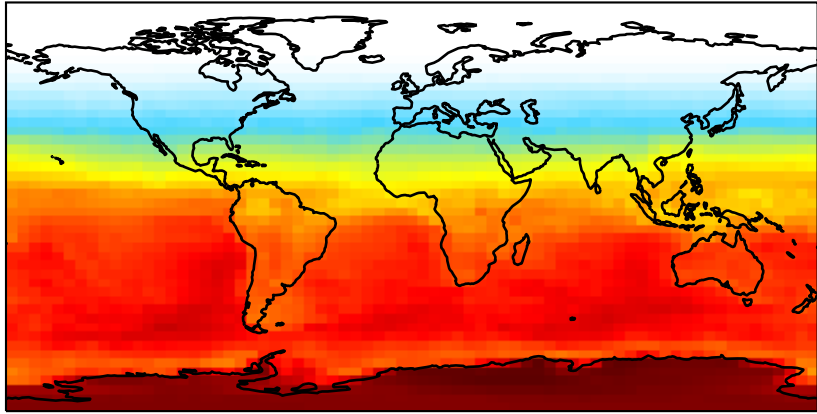


Ratio  
Dev/Ref, Fixed Range

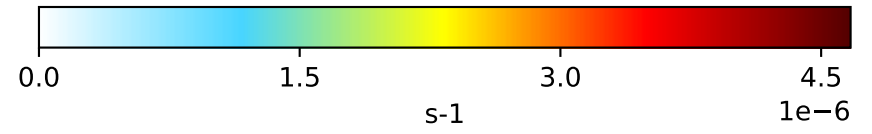
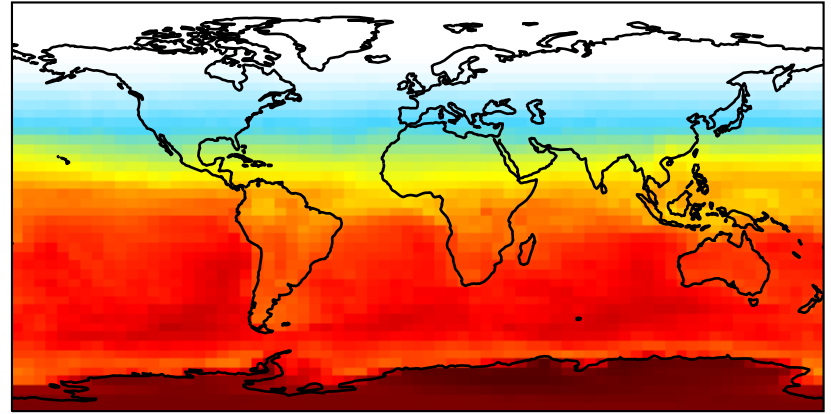


# Jval\_IDN (Jan2019)

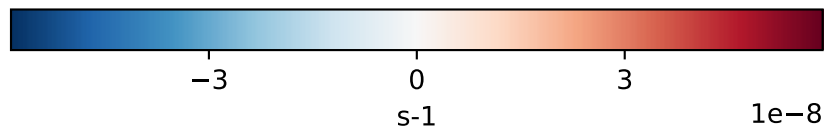
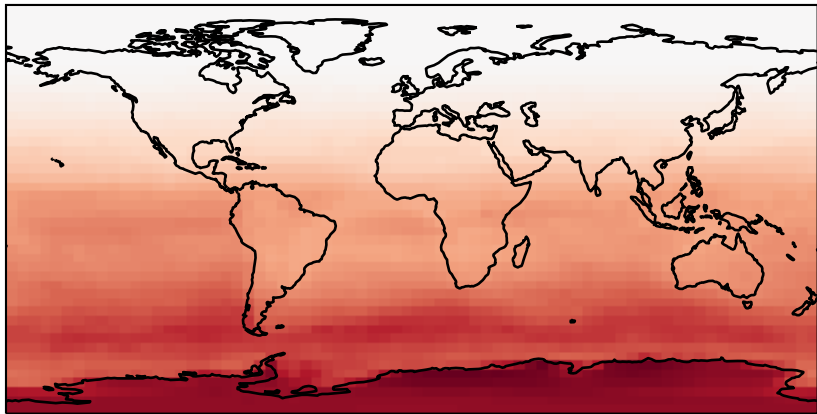
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



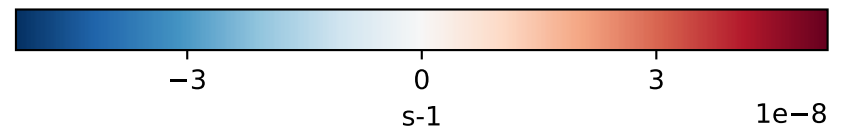
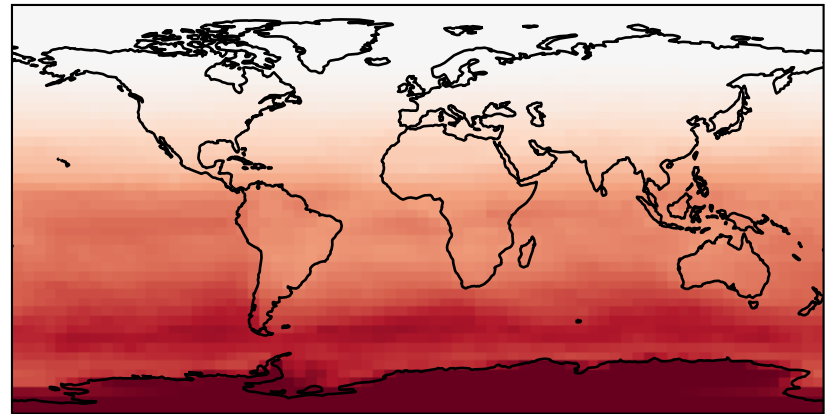
GCC\_13.0.0 (Dev)  
4.0x5.0



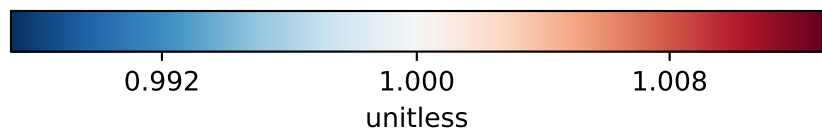
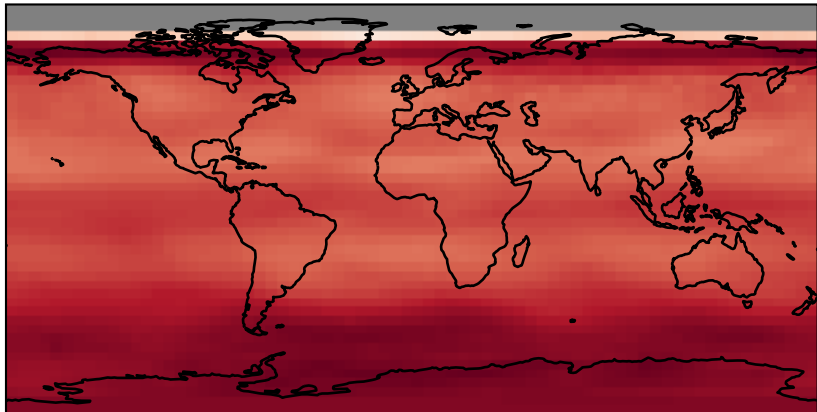
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

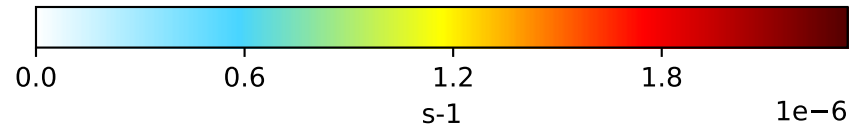
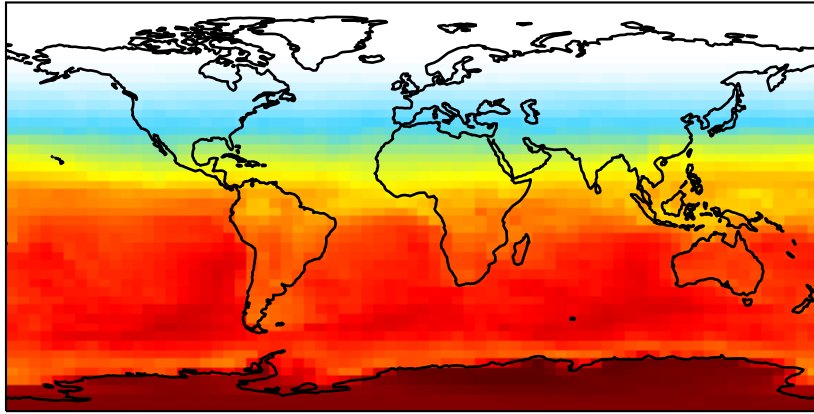


Ratio  
Dev/Ref, Fixed Range

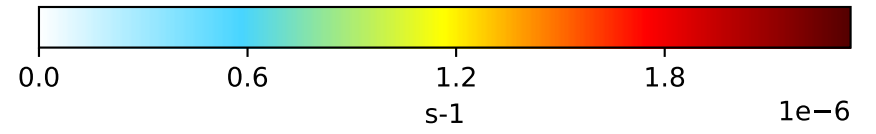
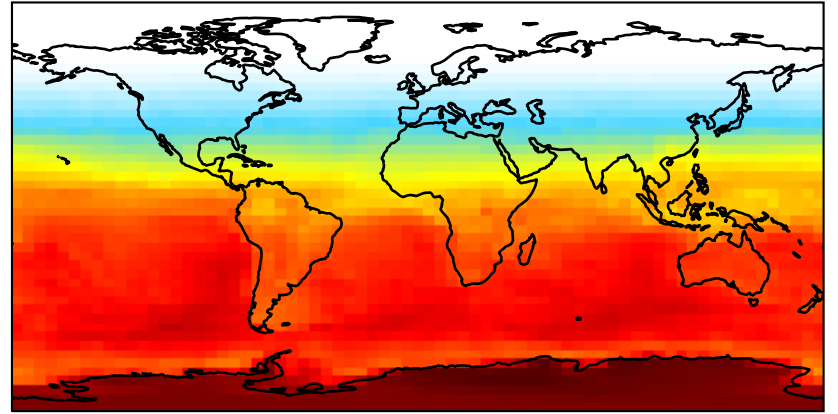


# Jval\_IHN1 (Jan2019)

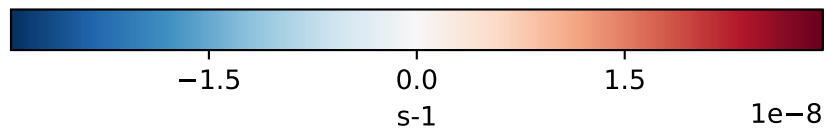
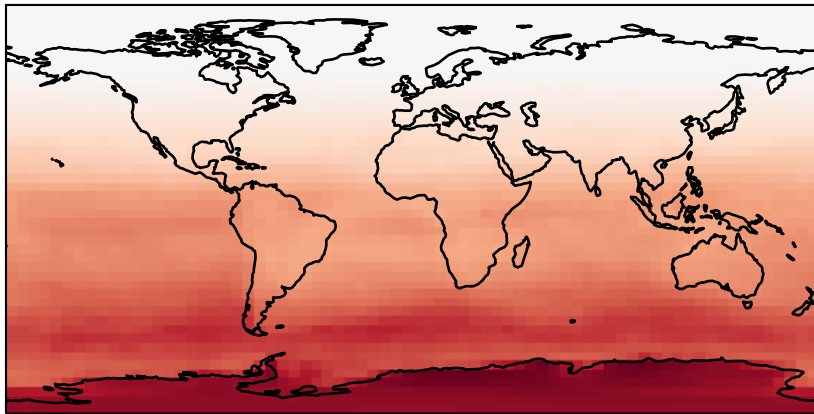
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



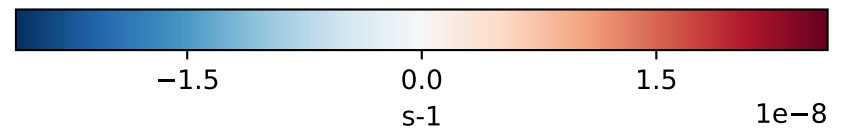
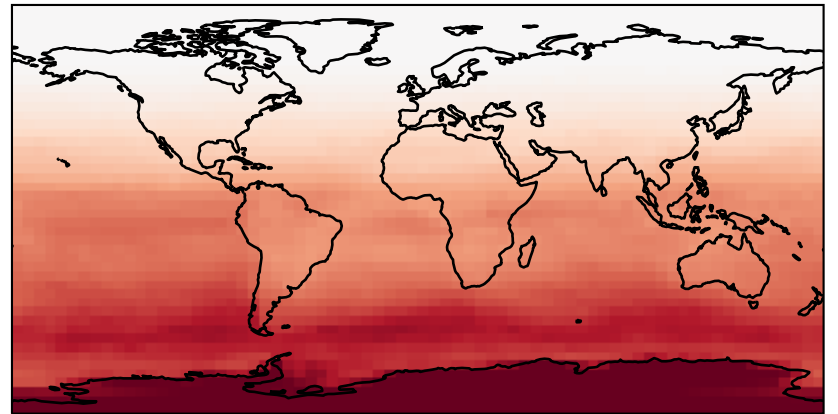
GCC\_13.0.0 (Dev)  
4.0x5.0



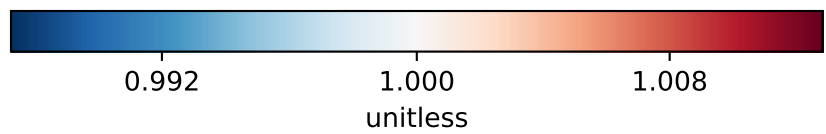
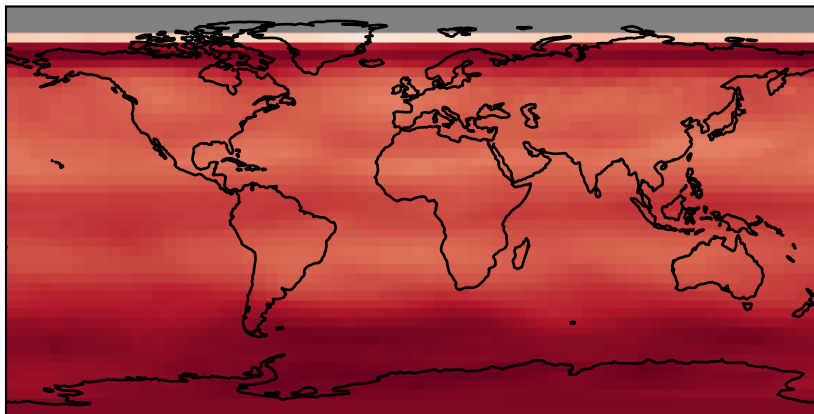
Difference  
Dev - Ref, Dynamic Range



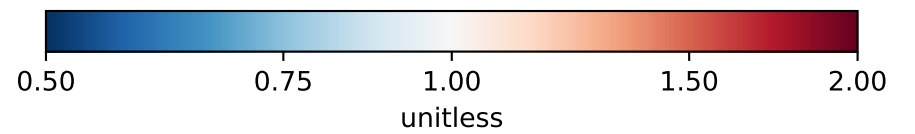
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

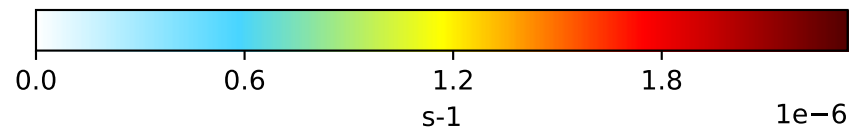
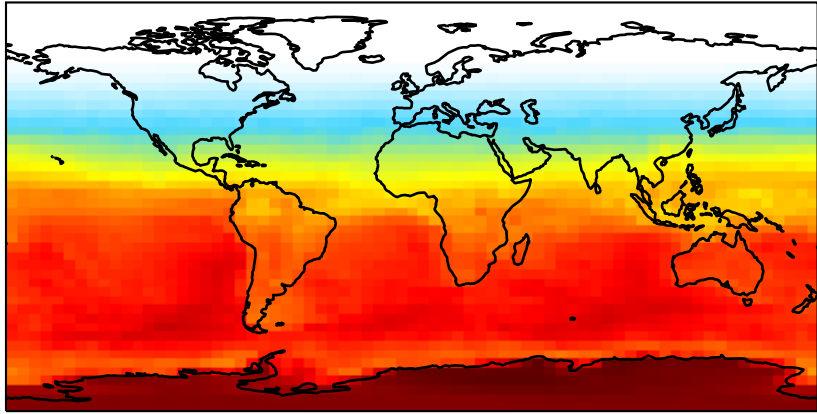


Ratio  
Dev/Ref, Fixed Range

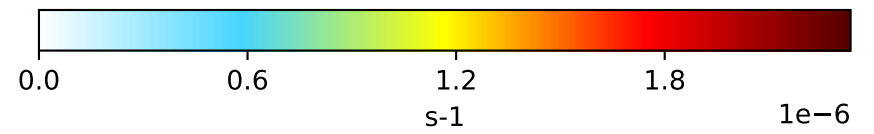
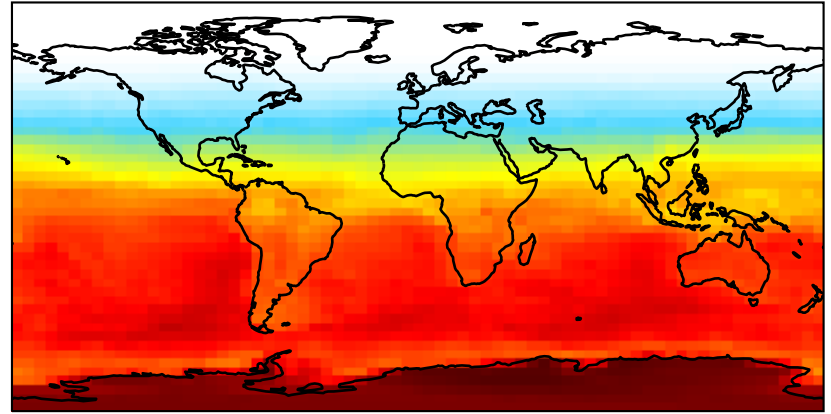


# Jval\_IHN2 (Jan2019)

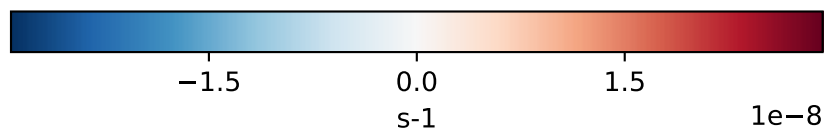
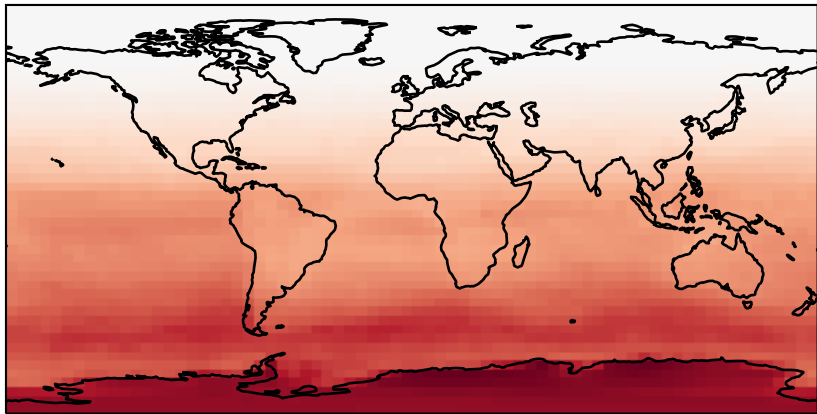
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



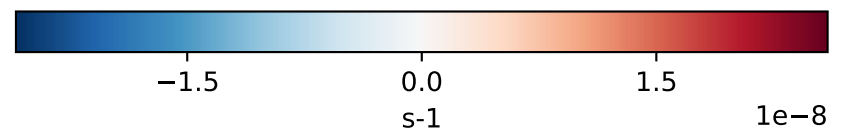
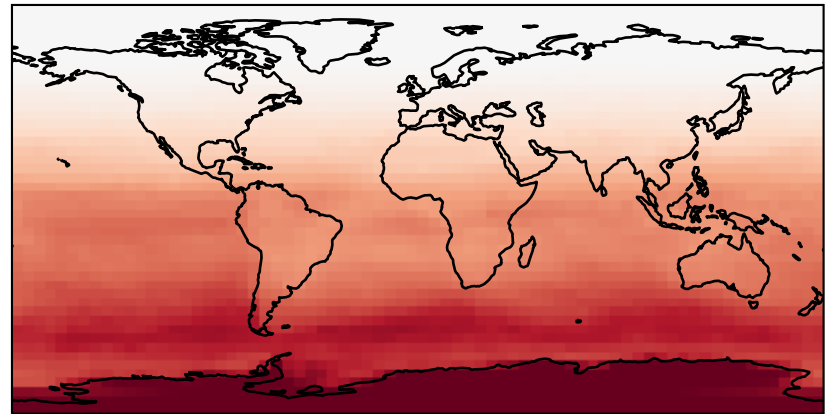
GCC\_13.0.0 (Dev)  
4.0x5.0



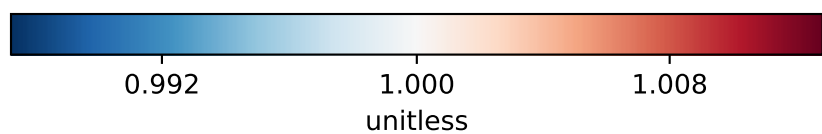
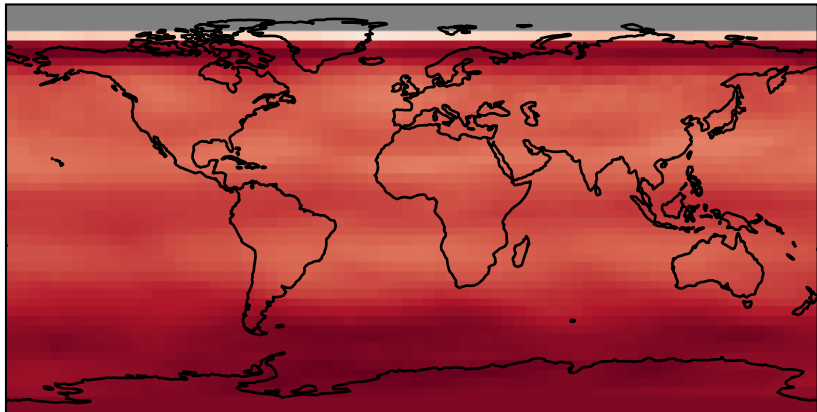
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

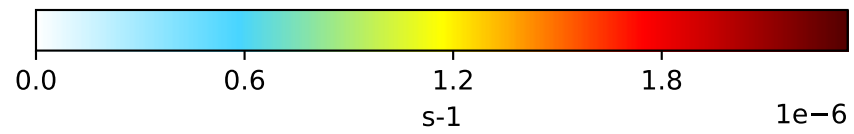
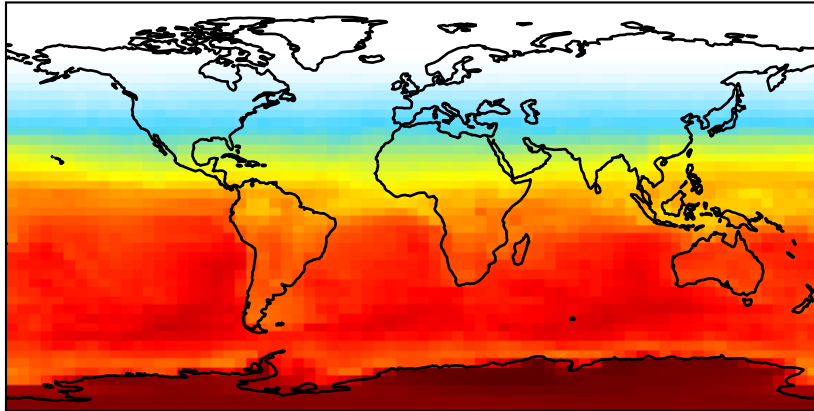


Ratio  
Dev/Ref, Fixed Range

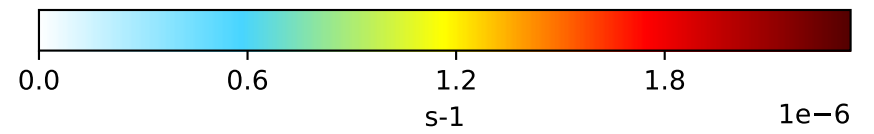
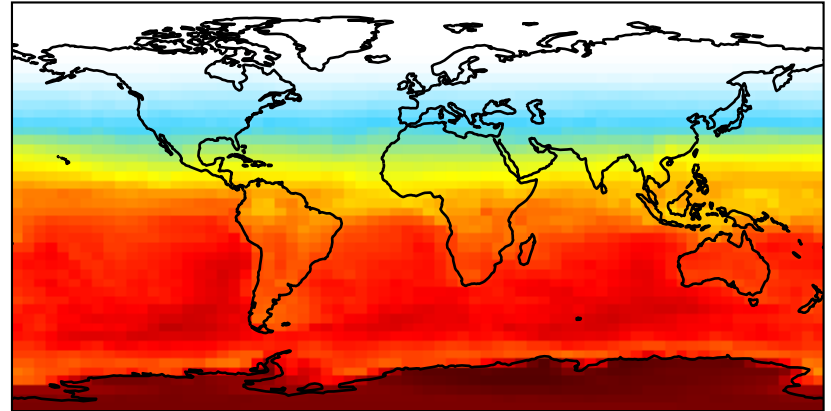


# Jval\_IHN3 (Jan2019)

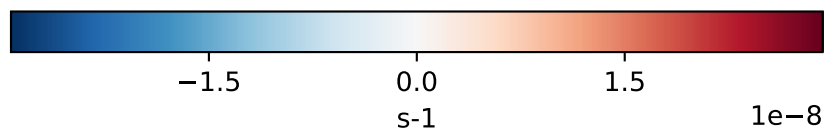
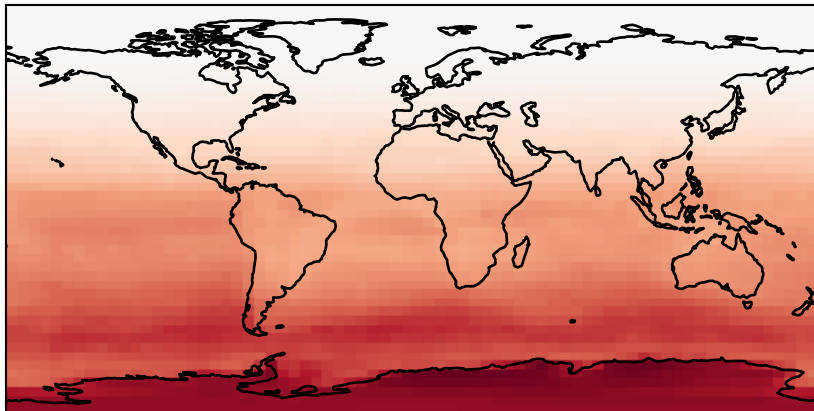
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



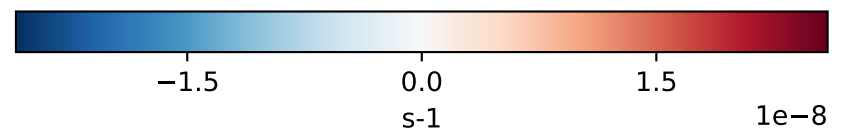
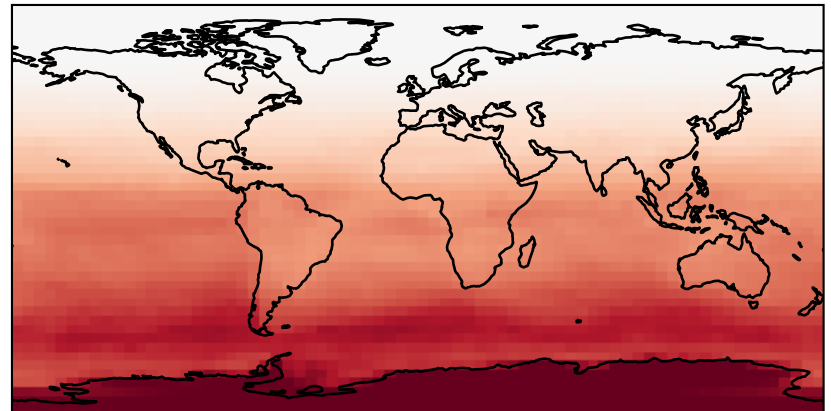
GCC\_13.0.0 (Dev)  
4.0x5.0



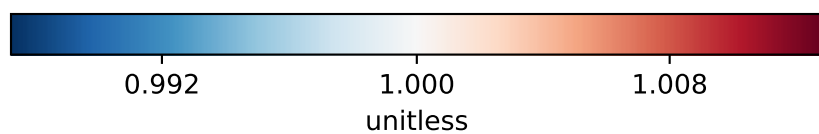
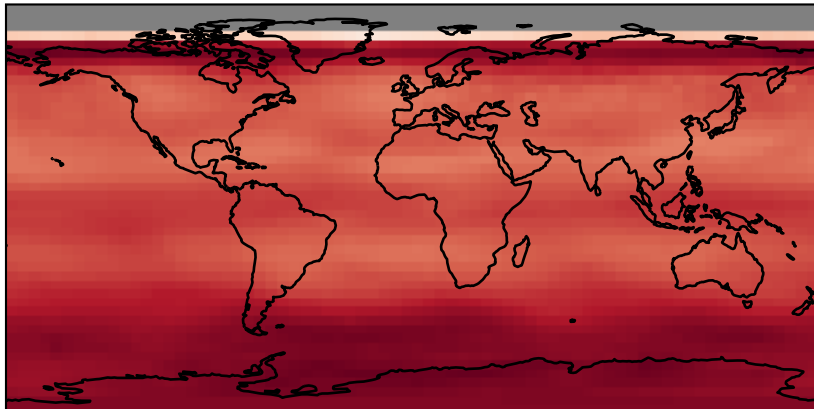
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range



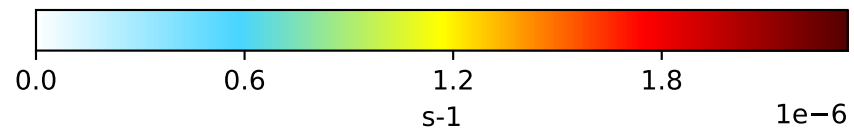
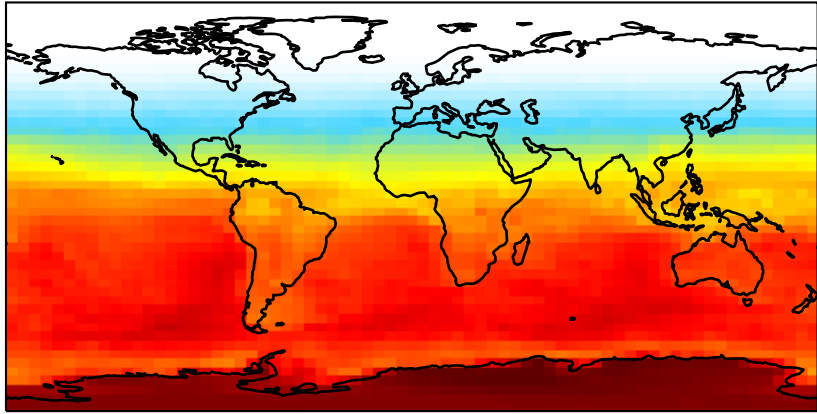
Ratio  
Dev/Ref, Fixed Range



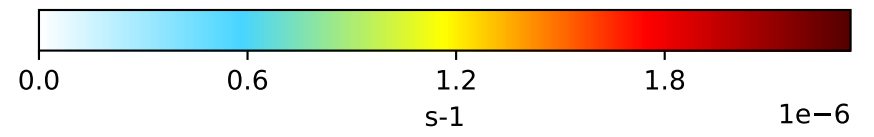
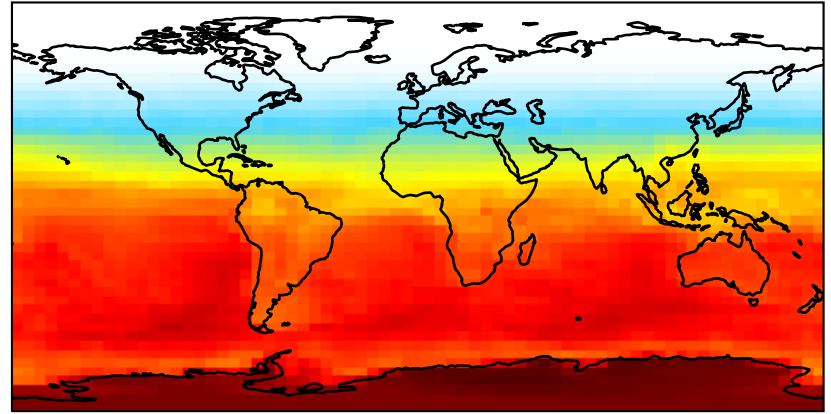


# Jval\_IHN4 (Jan2019)

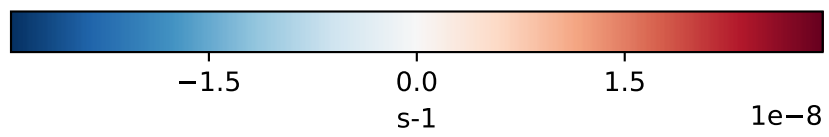
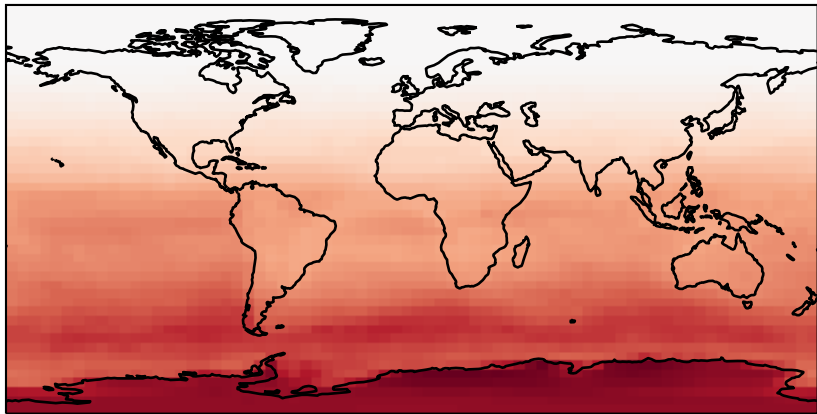
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



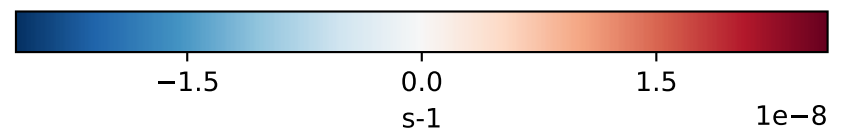
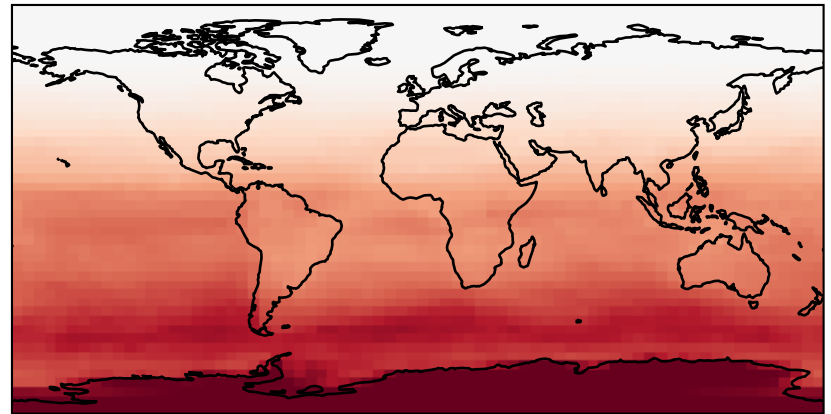
GCC\_13.0.0 (Dev)  
4.0x5.0



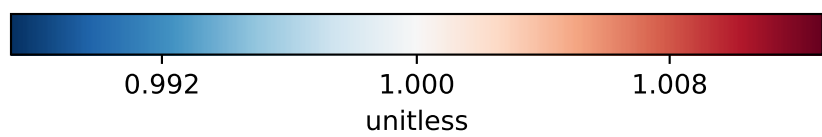
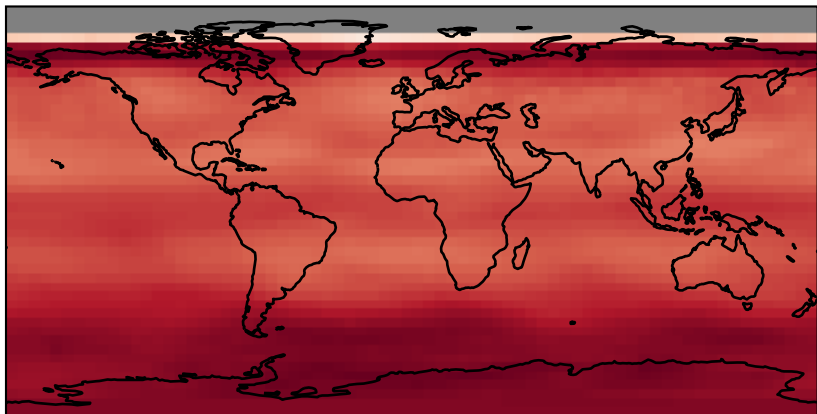
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

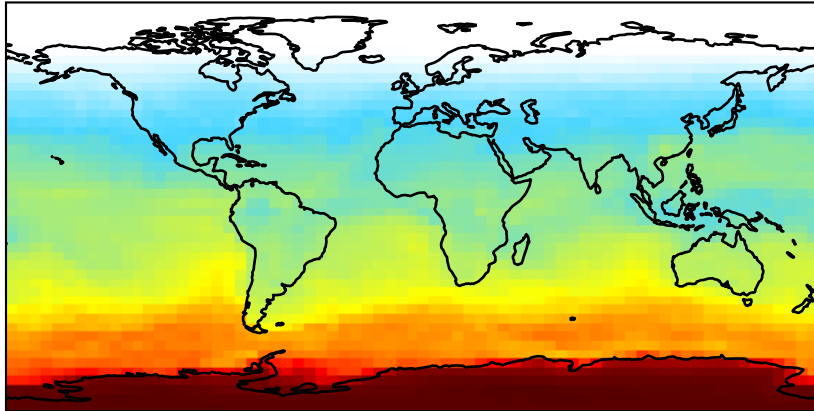


Ratio  
Dev/Ref, Fixed Range

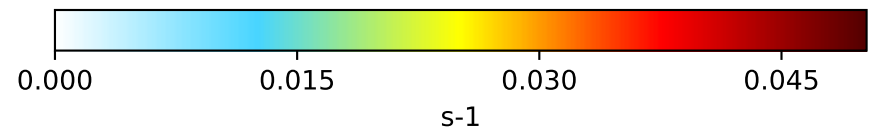
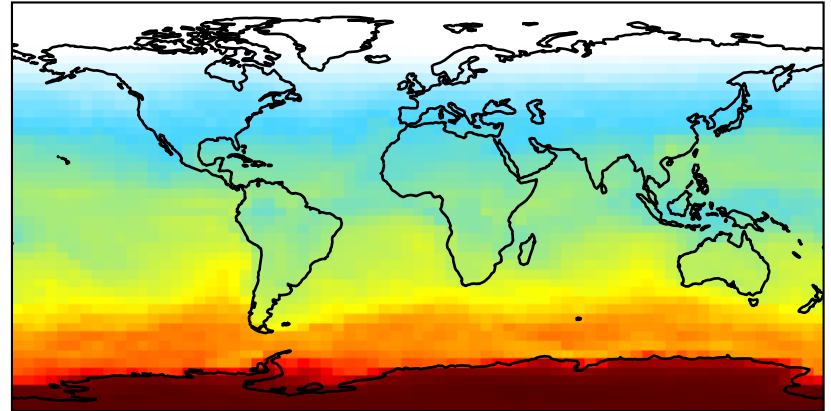


# Jval\_INO (Jan2019)

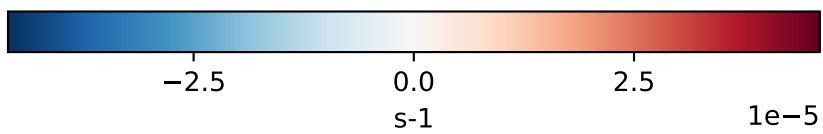
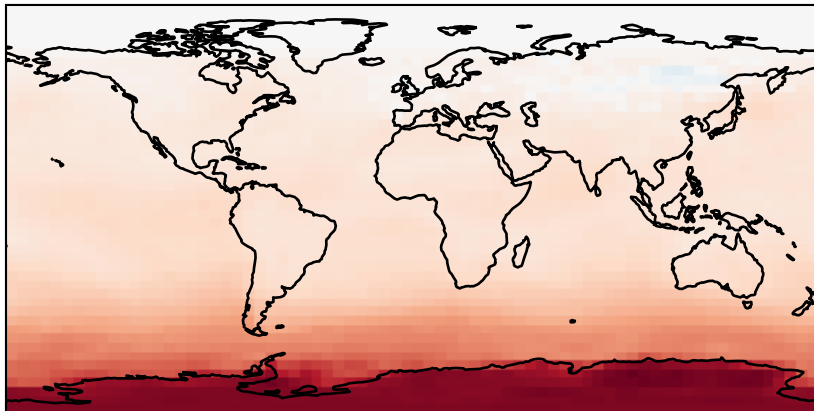
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



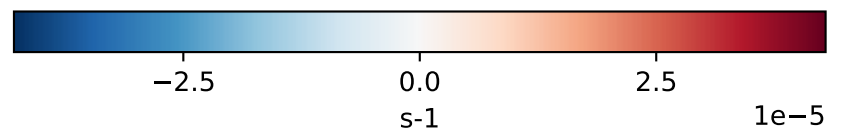
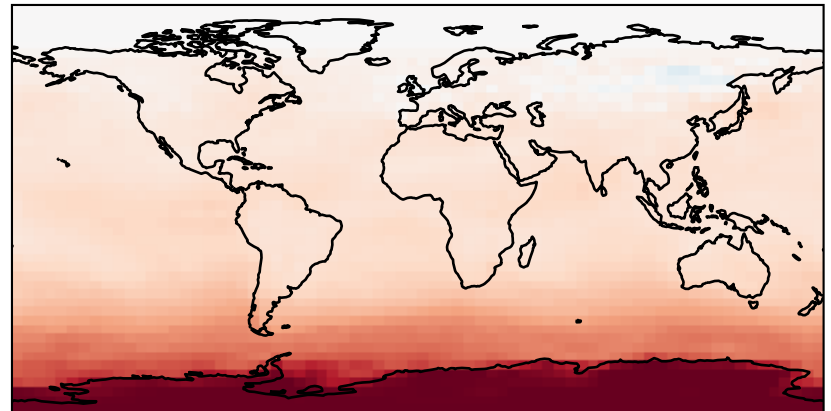
GCC\_13.0.0 (Dev)  
4.0x5.0



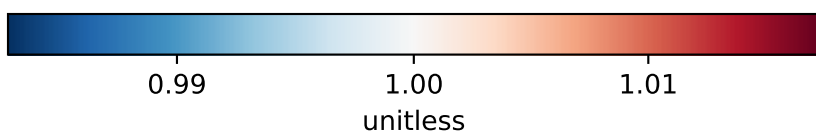
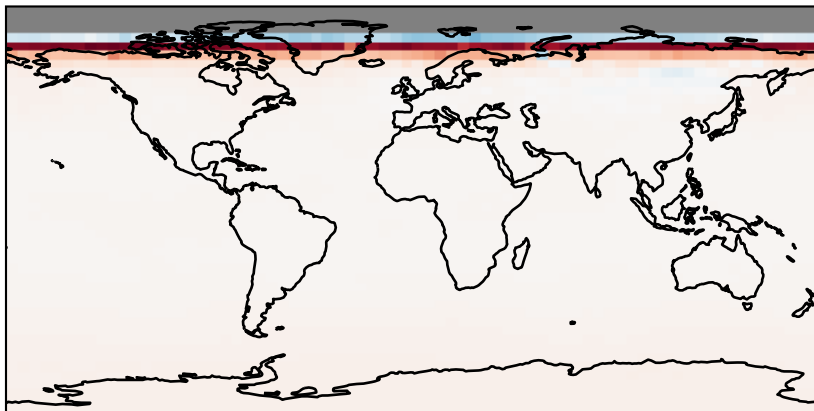
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

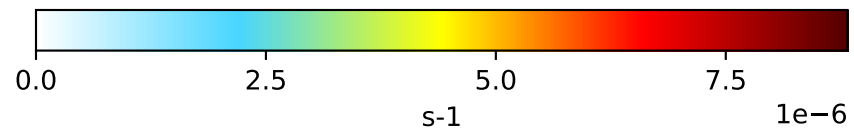
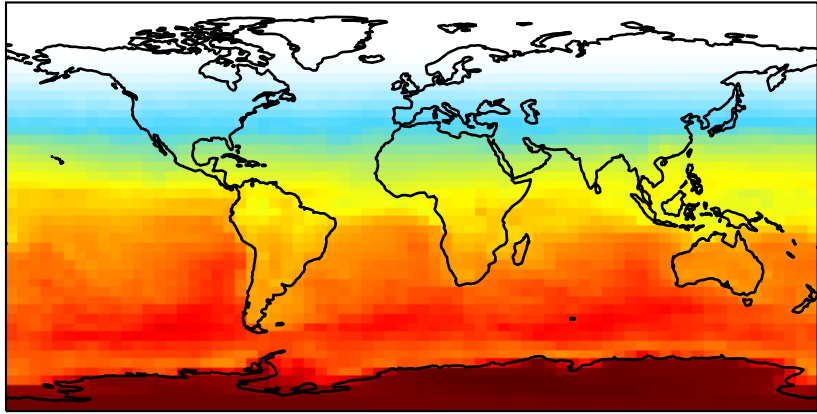


Ratio  
Dev/Ref, Fixed Range

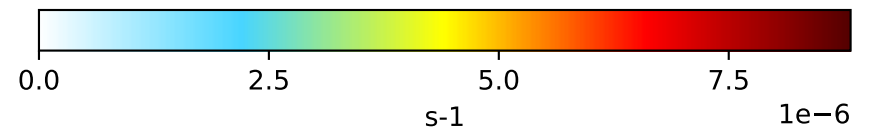
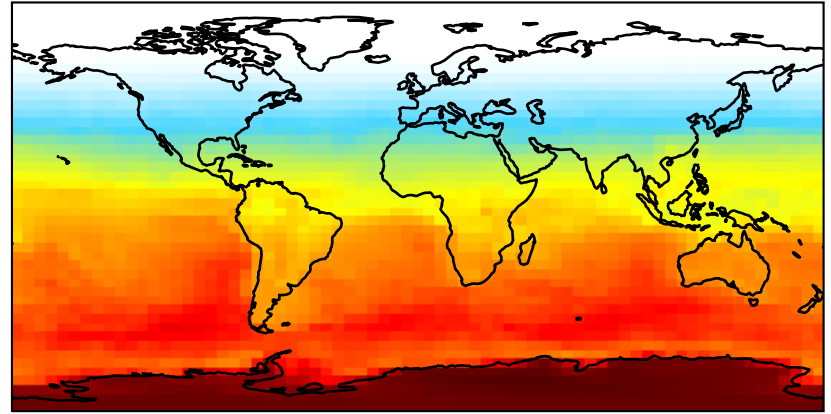


# Jval\_INPB (Jan2019)

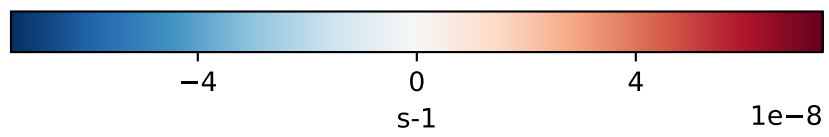
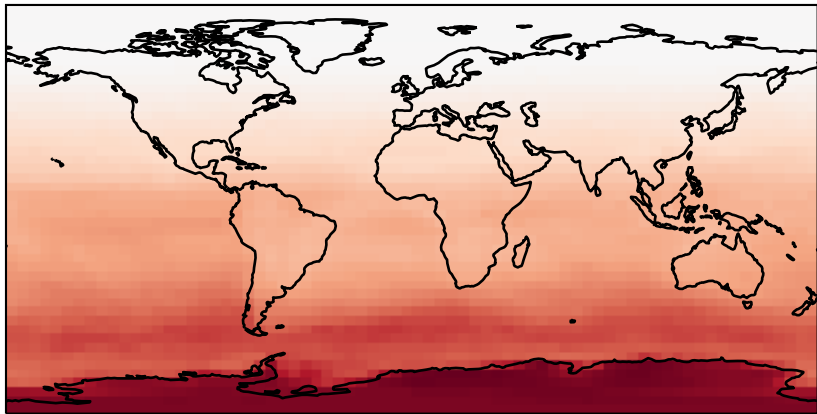
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



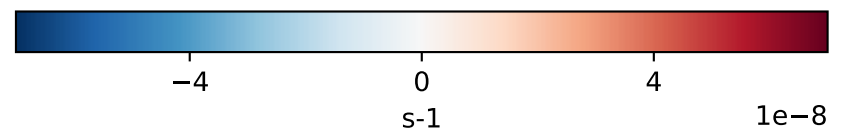
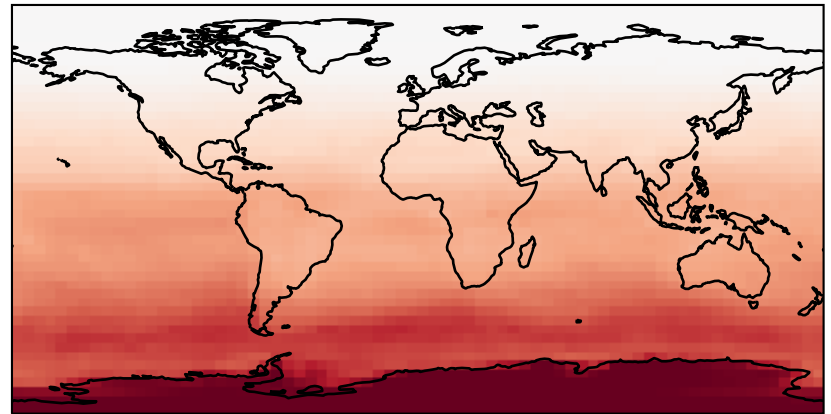
GCC\_13.0.0 (Dev)  
4.0x5.0



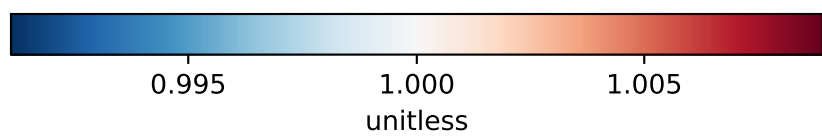
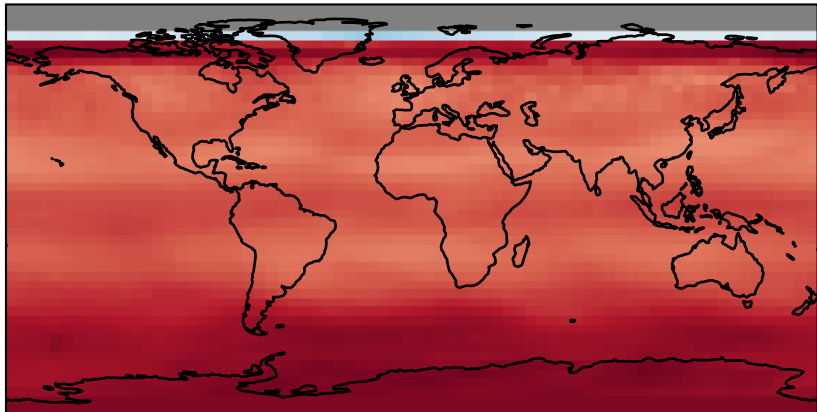
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

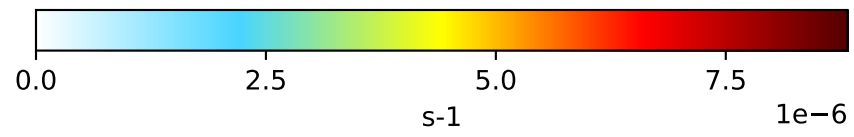
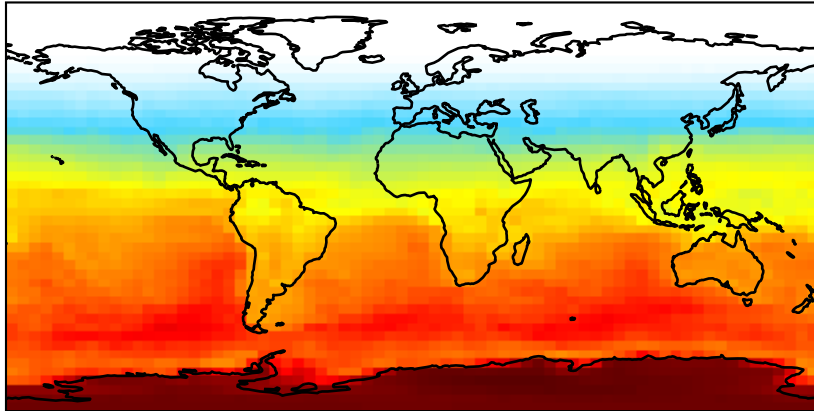


Ratio  
Dev/Ref, Fixed Range

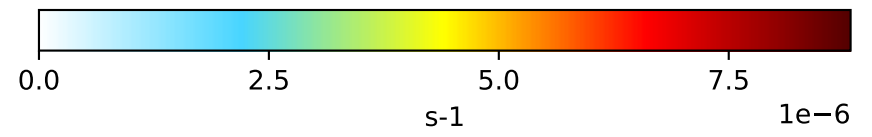
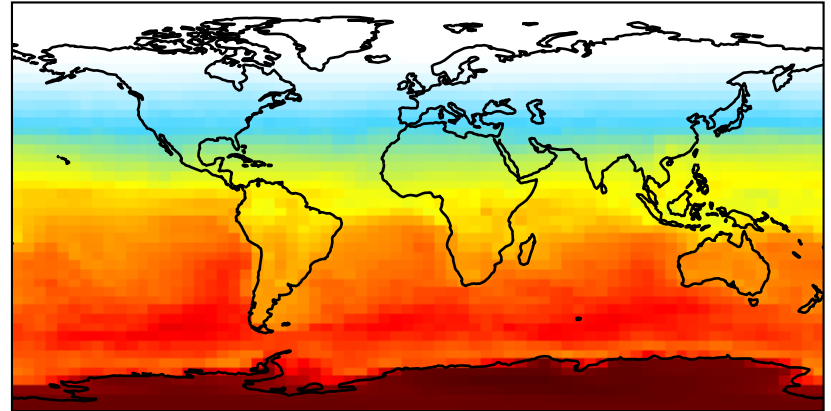


# Jval\_INPD (Jan2019)

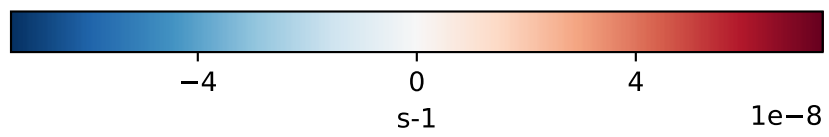
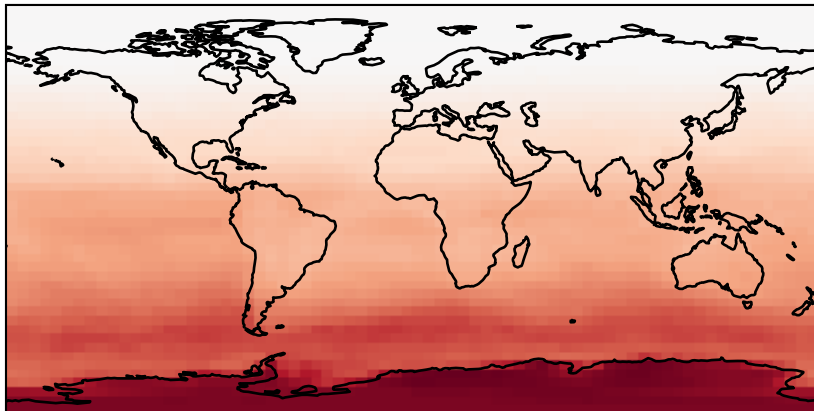
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



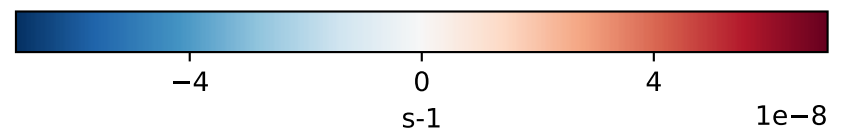
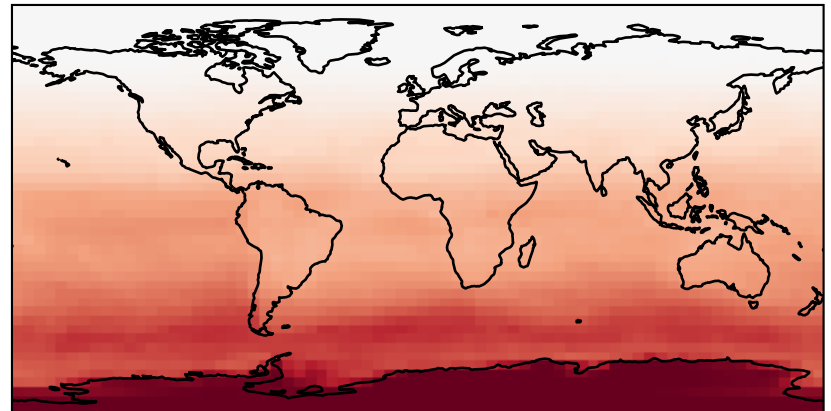
GCC\_13.0.0 (Dev)  
4.0x5.0



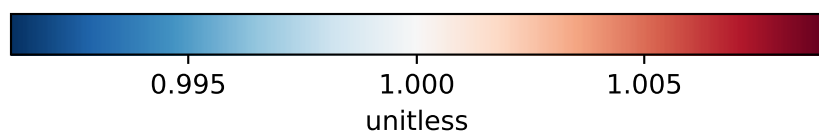
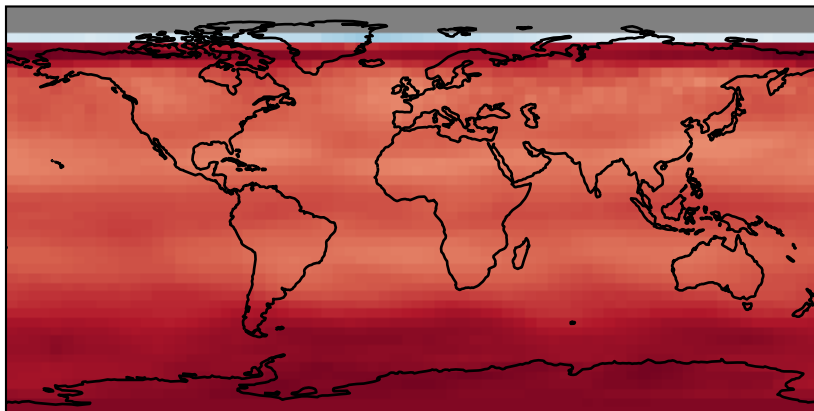
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

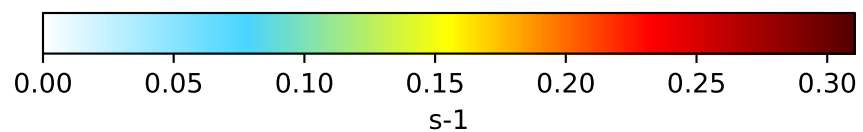
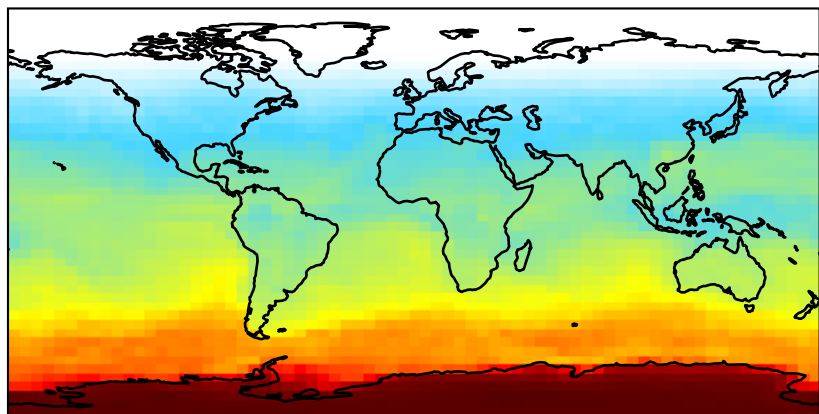


Ratio  
Dev/Ref, Fixed Range

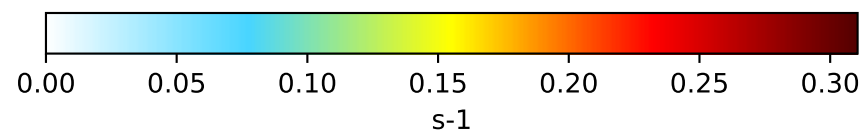
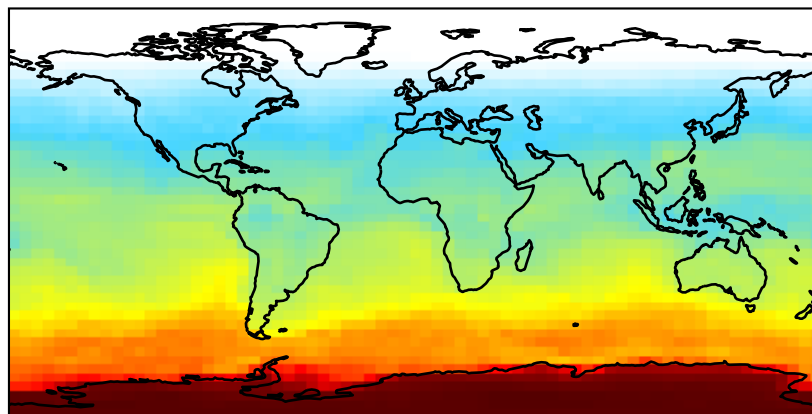


# Jval\_IO (Jan2019)

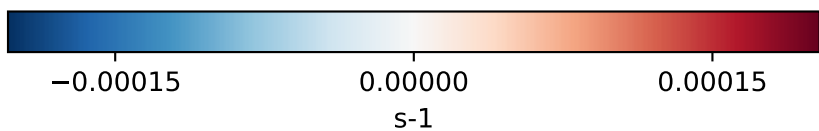
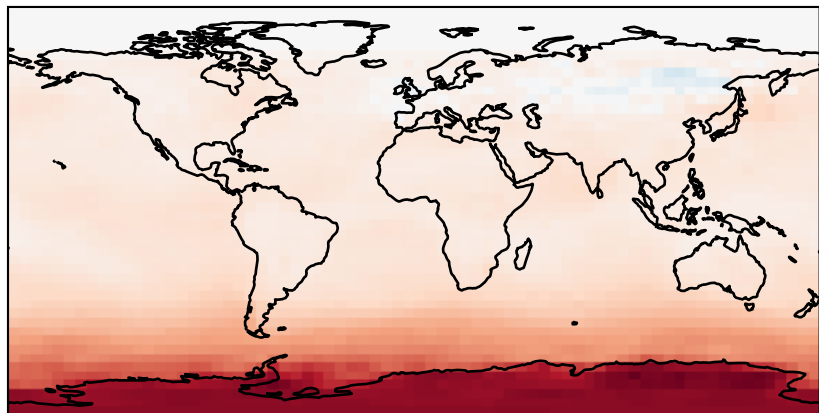
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



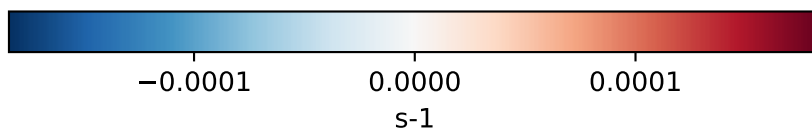
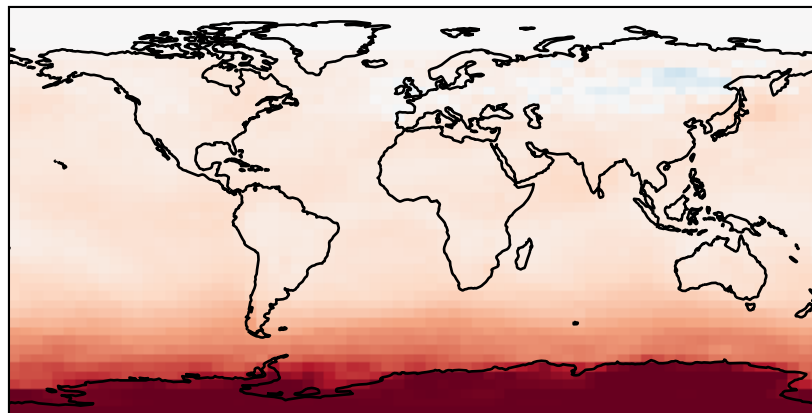
GCC\_13.0.0 (Dev)  
4.0x5.0



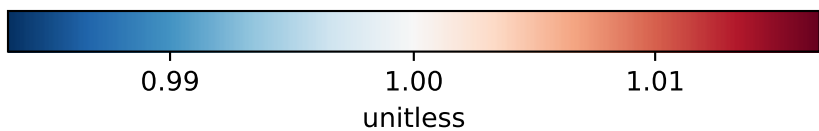
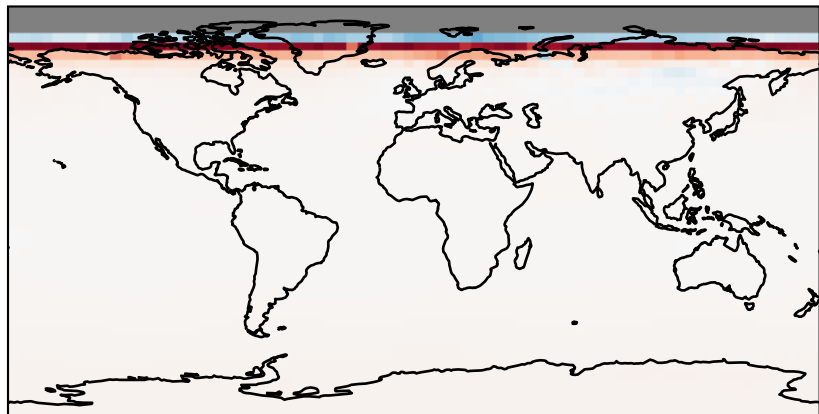
Difference  
Dev - Ref, Dynamic Range



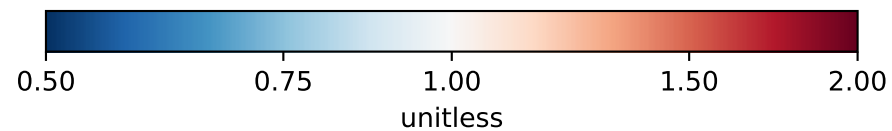
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



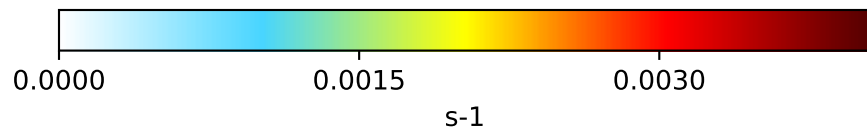
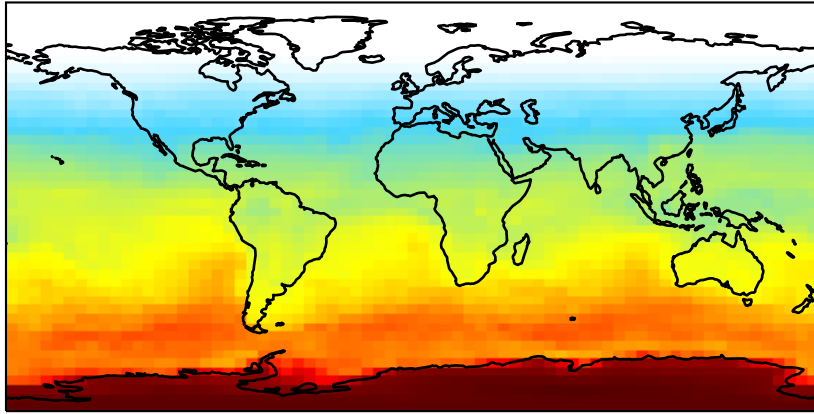
Ratio  
Dev/Ref, Fixed Range



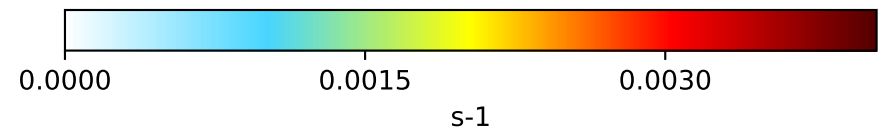
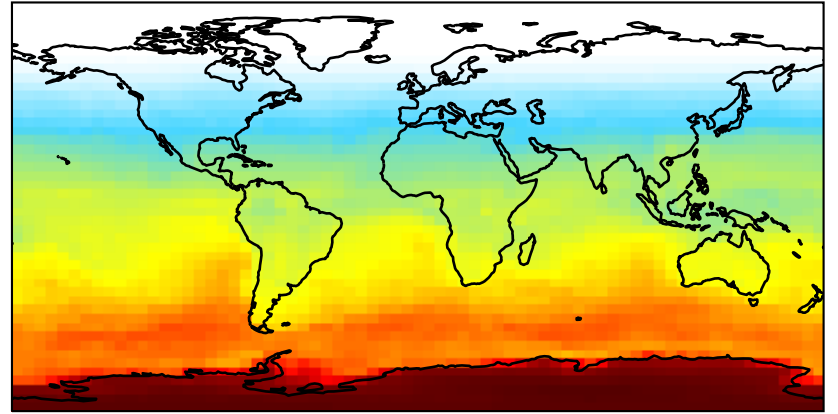


# Jval\_IONO (Jan2019)

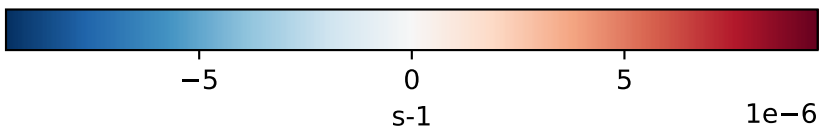
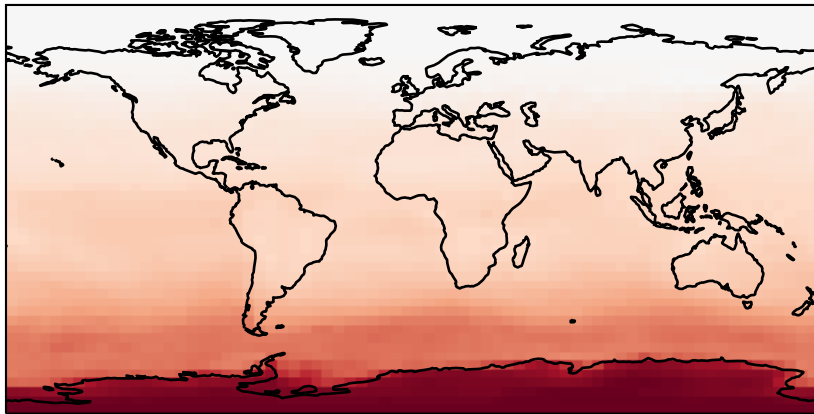
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



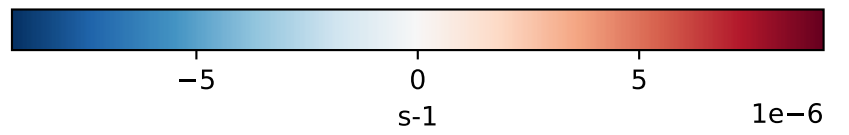
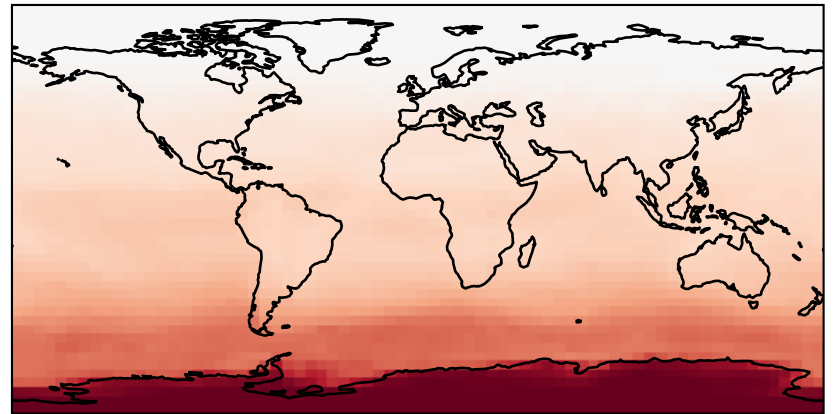
GCC\_13.0.0 (Dev)  
4.0x5.0



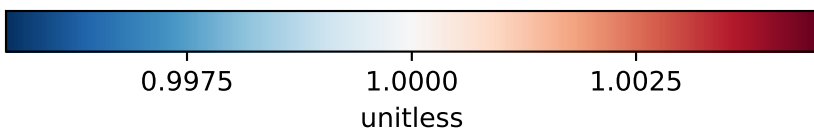
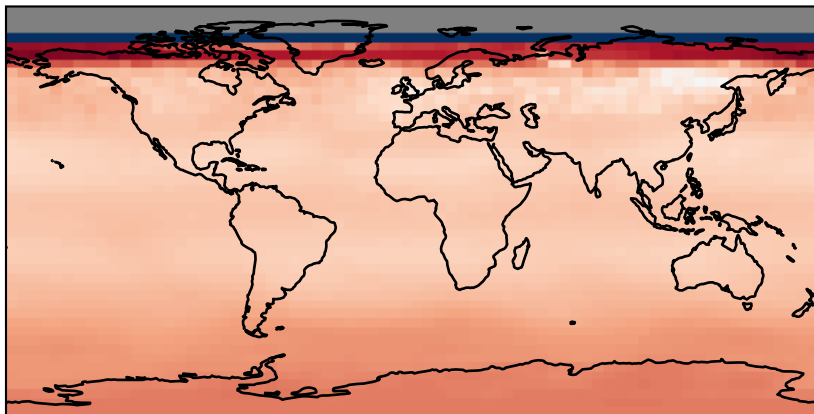
Difference  
Dev - Ref, Dynamic Range



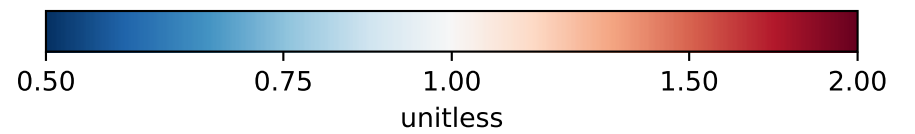
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

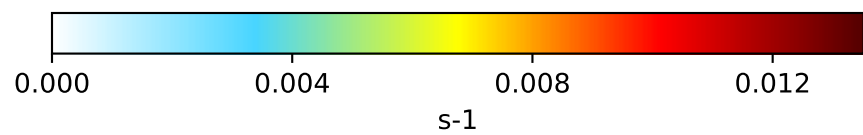
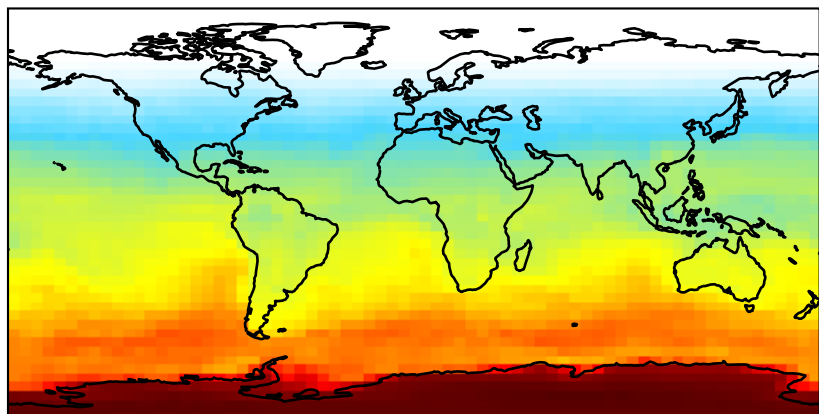


Ratio  
Dev/Ref, Fixed Range

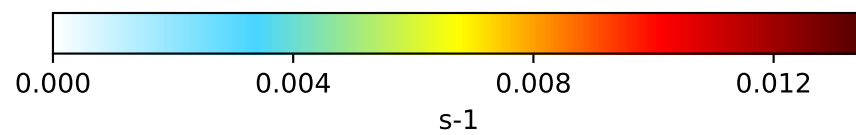
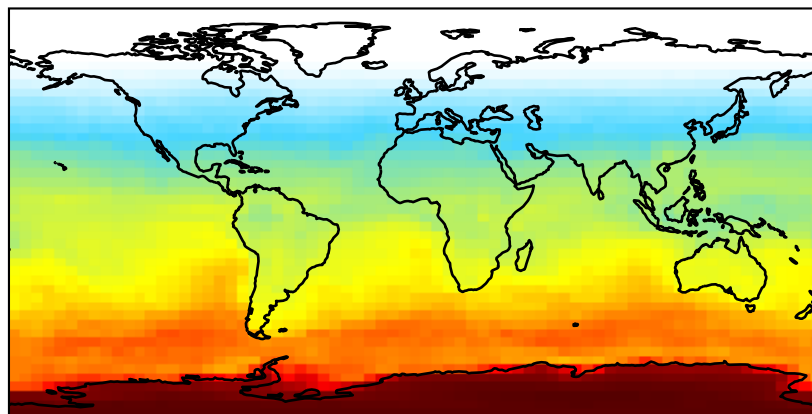


# Jval\_IONO2 (Jan2019)

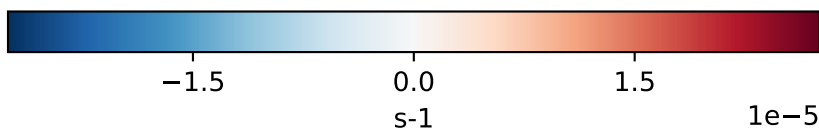
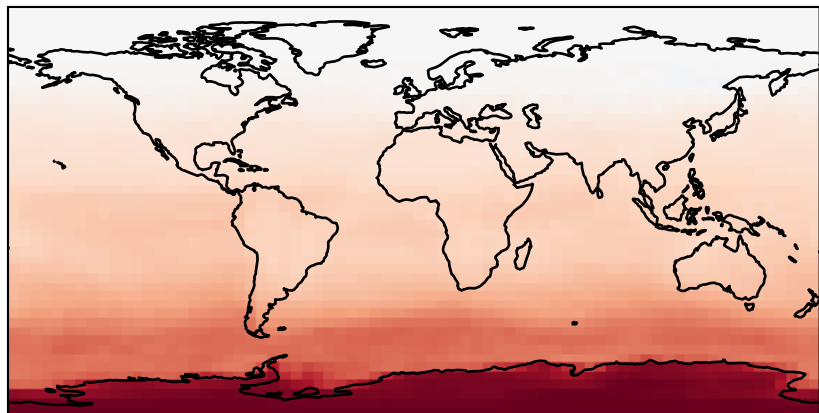
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



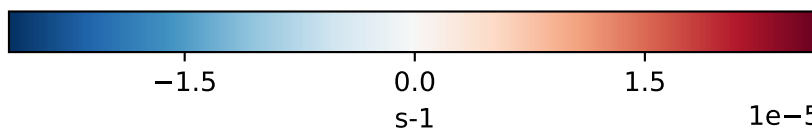
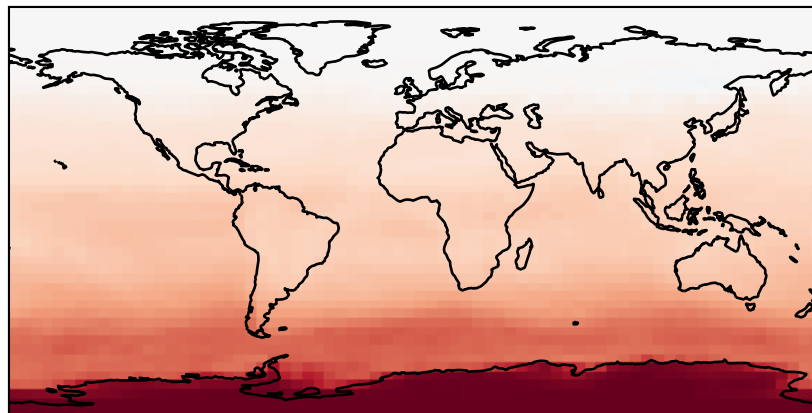
GCC\_13.0.0 (Dev)  
4.0x5.0



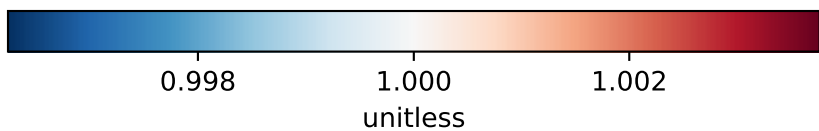
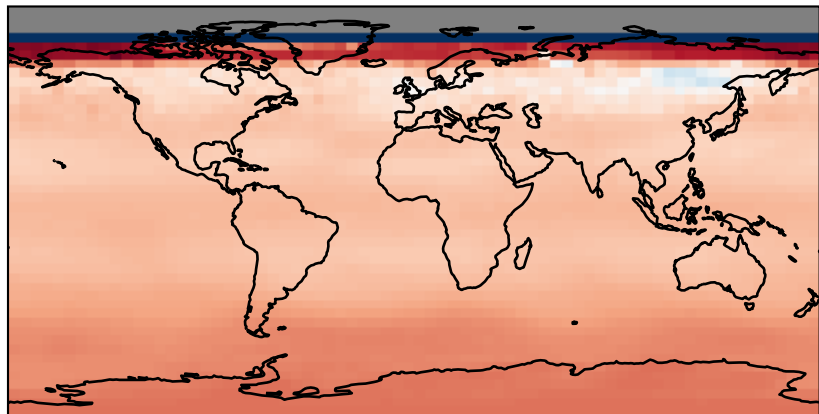
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

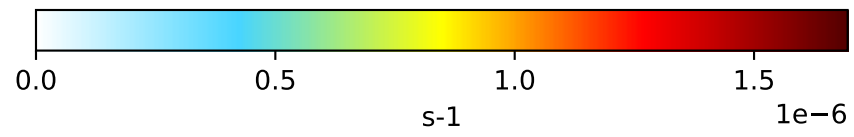
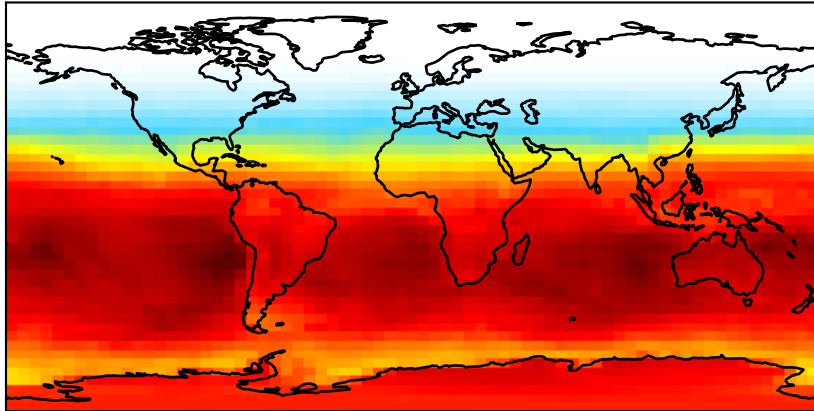


Ratio  
Dev/Ref, Fixed Range

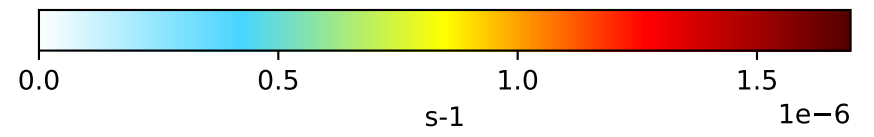
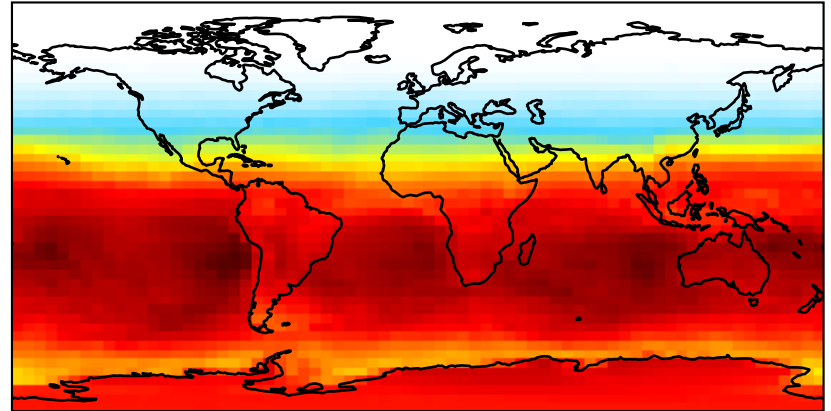


# Jval\_IPRNO3 (Jan2019)

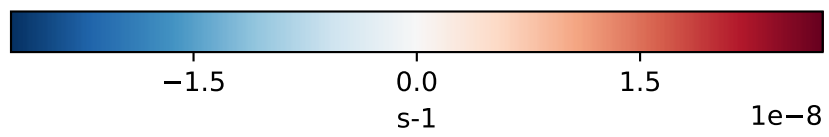
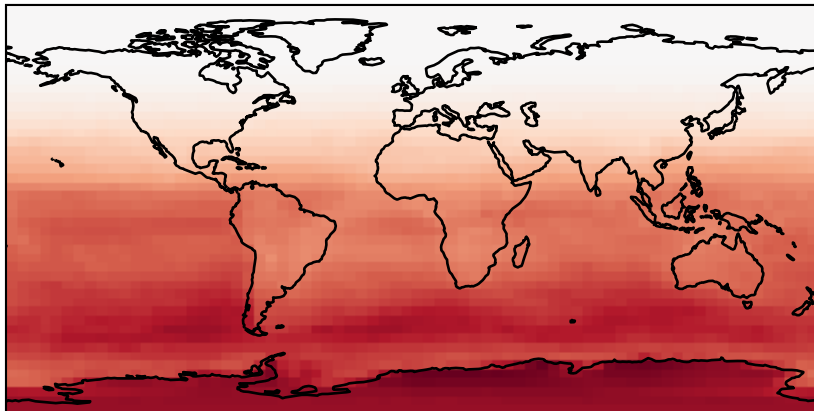
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



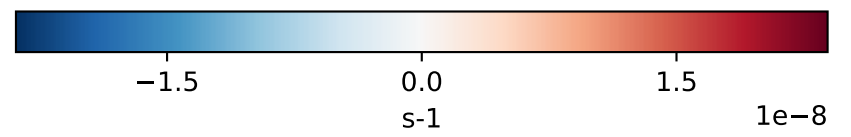
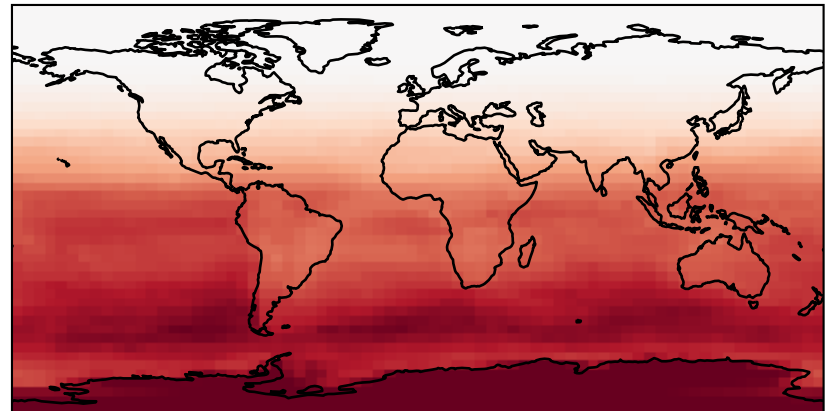
GCC\_13.0.0 (Dev)  
4.0x5.0



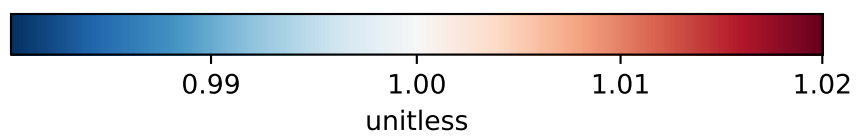
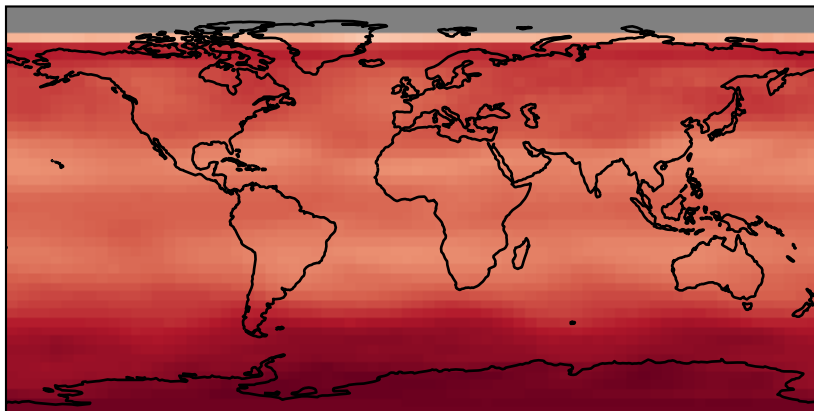
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

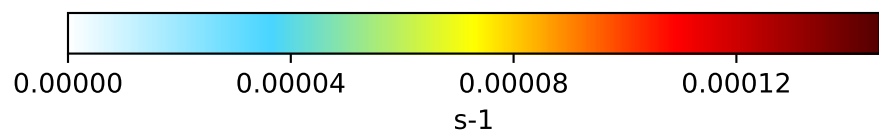
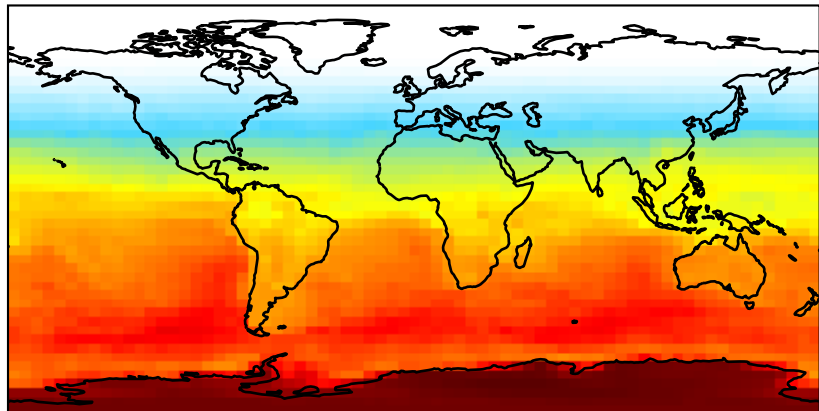


Ratio  
Dev/Ref, Fixed Range

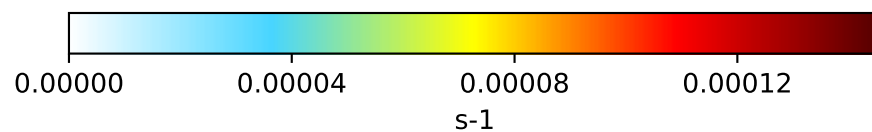
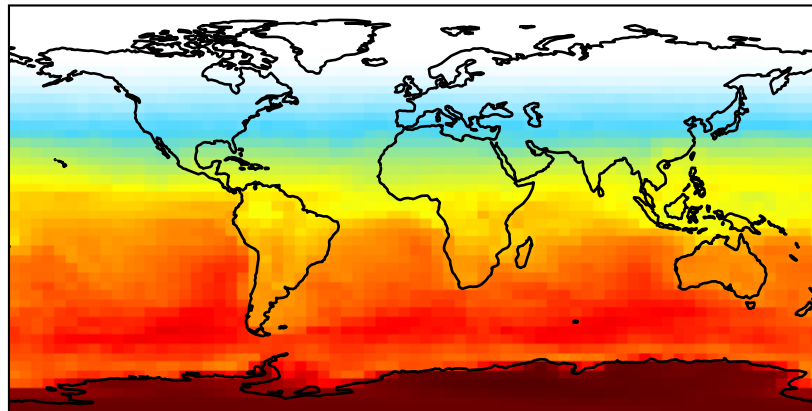


# Jval\_ITCN (Jan2019)

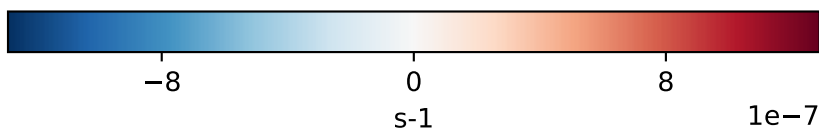
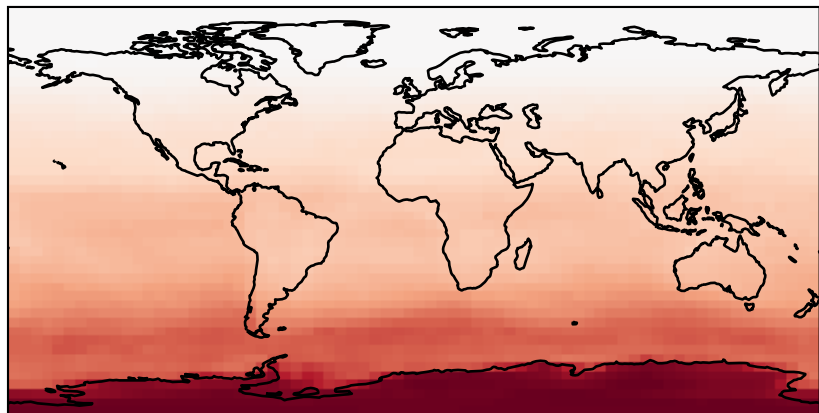
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



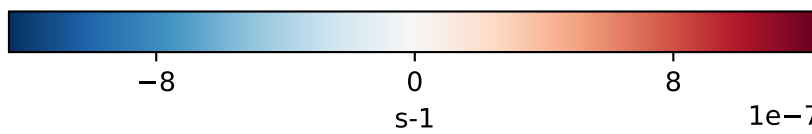
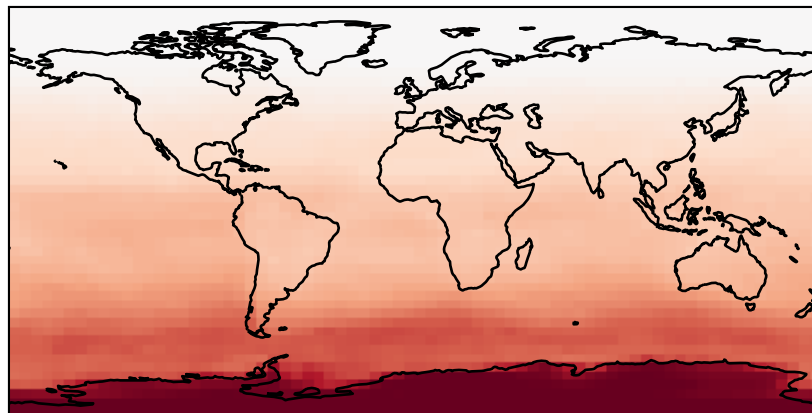
GCC\_13.0.0 (Dev)  
4.0x5.0



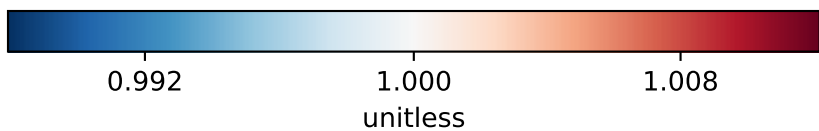
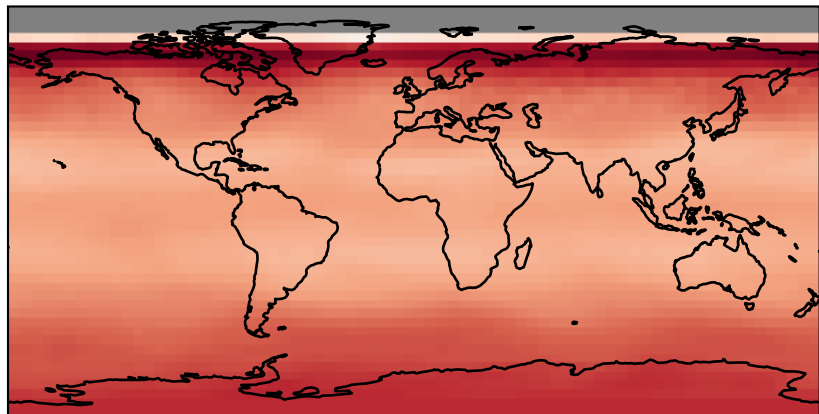
Difference  
Dev - Ref, Dynamic Range



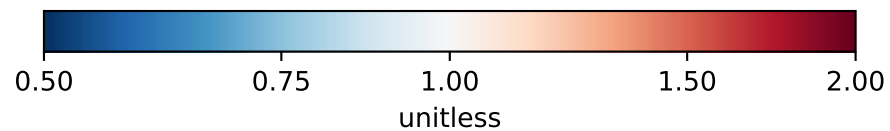
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

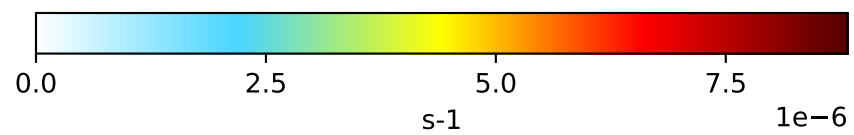
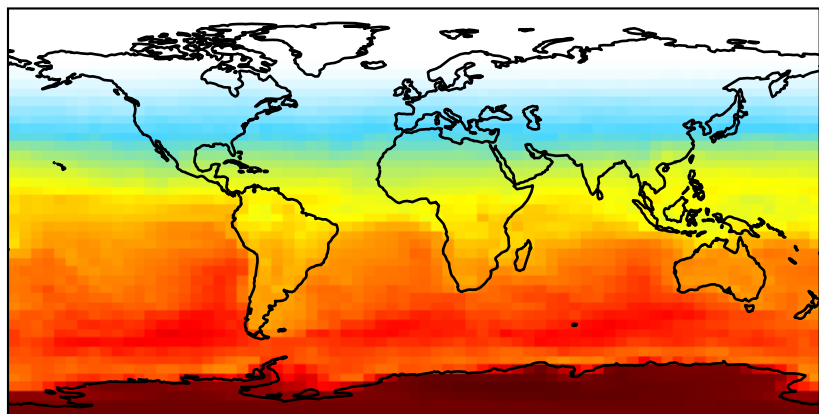


Ratio  
Dev/Ref, Fixed Range

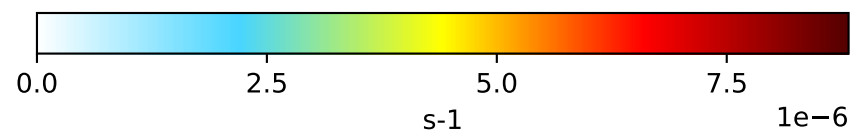
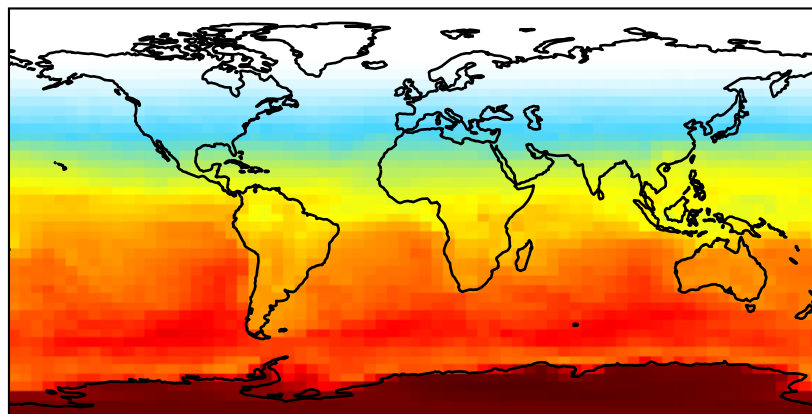


# Jval\_ITHN (Jan2019)

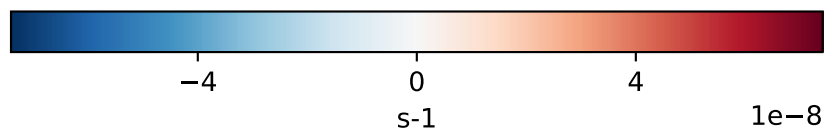
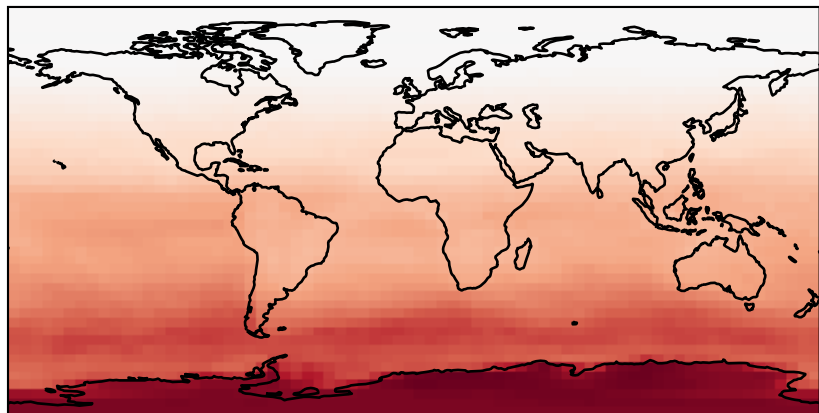
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



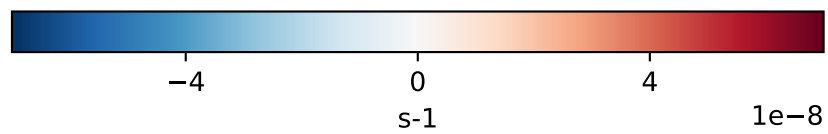
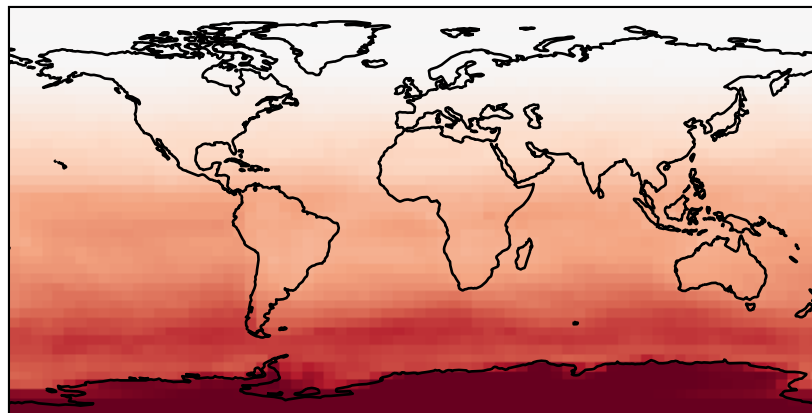
GCC\_13.0.0 (Dev)  
4.0x5.0



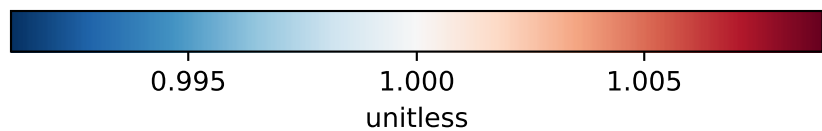
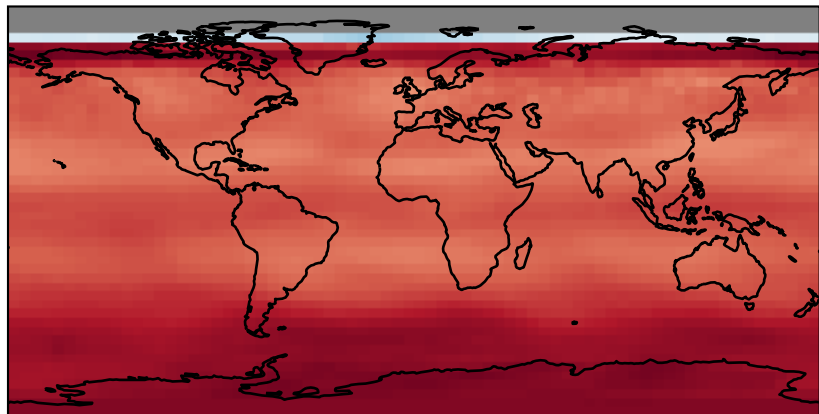
Difference  
Dev - Ref, Dynamic Range



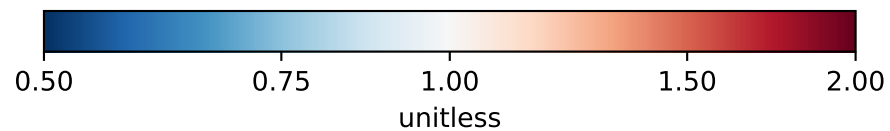
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



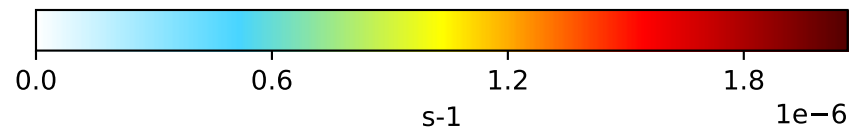
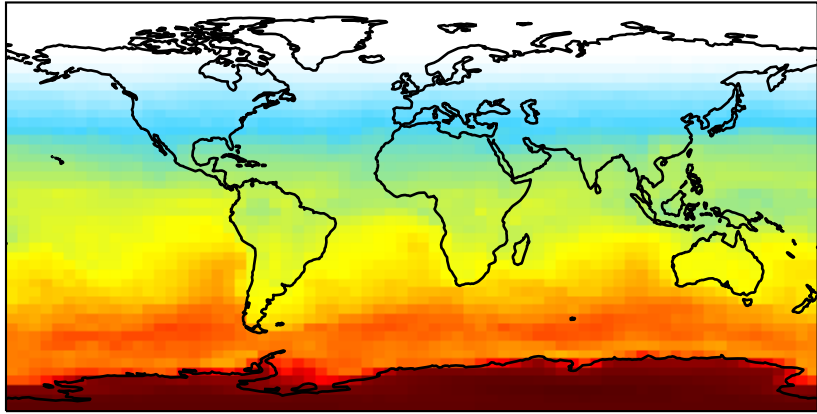
Ratio  
Dev/Ref, Fixed Range



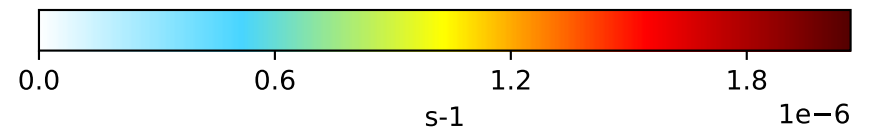
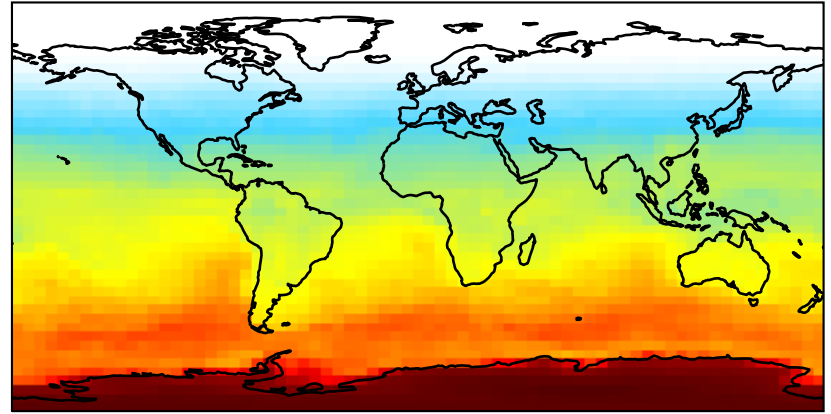


# Jval\_MACR (Jan2019)

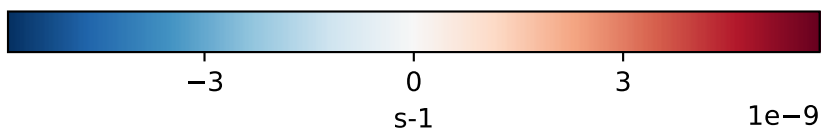
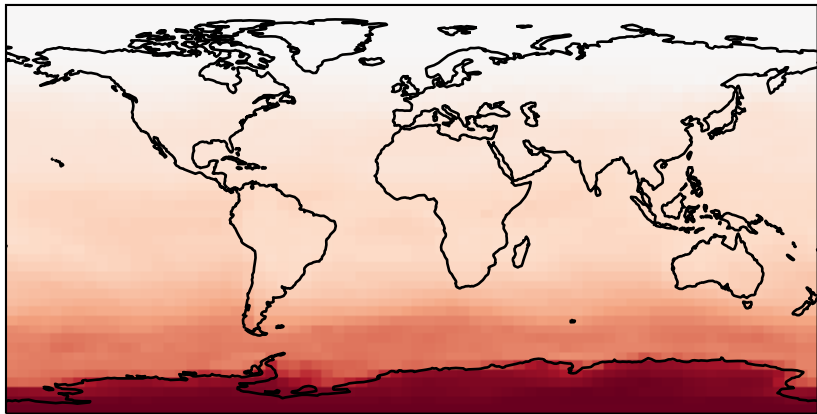
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



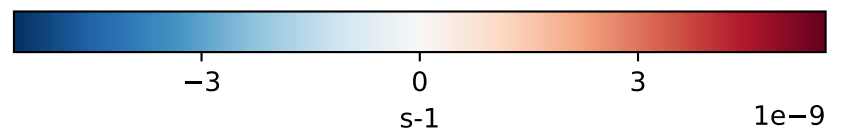
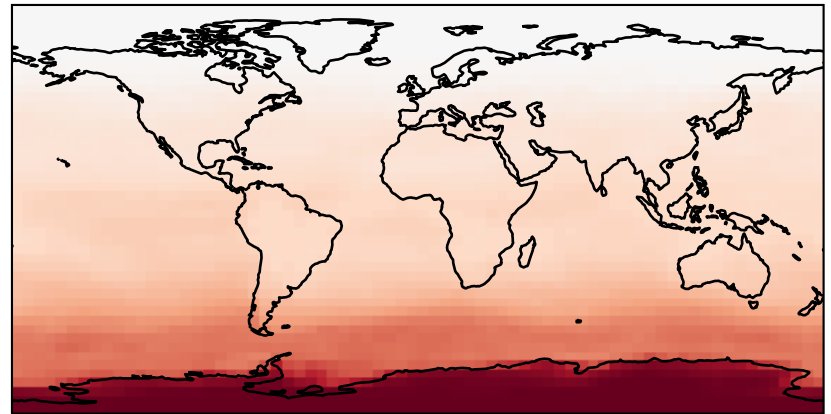
GCC\_13.0.0 (Dev)  
4.0x5.0



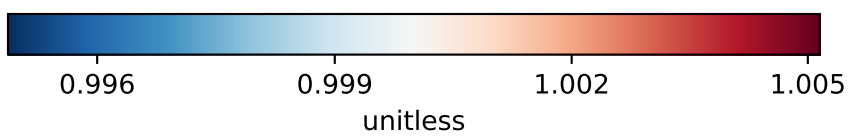
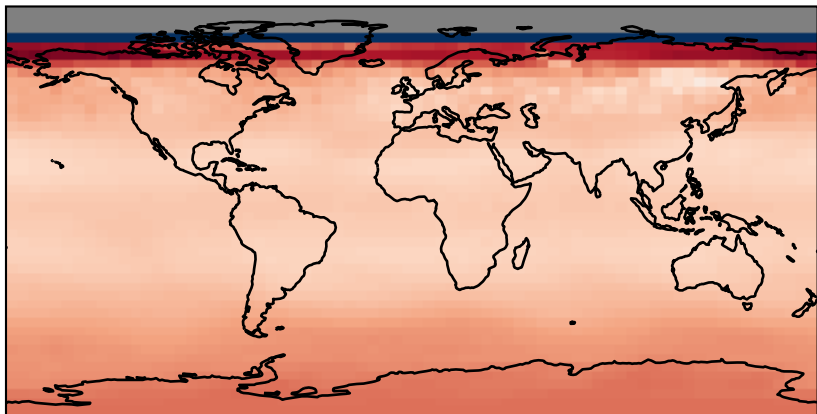
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

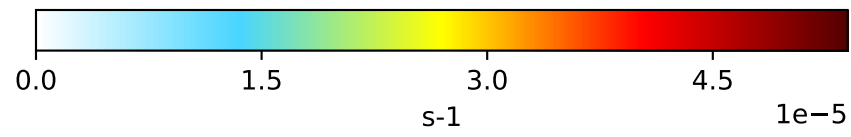
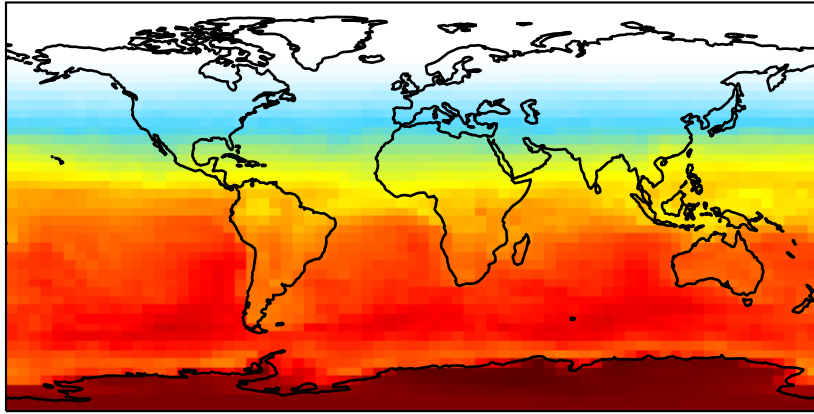


Ratio  
Dev/Ref, Fixed Range

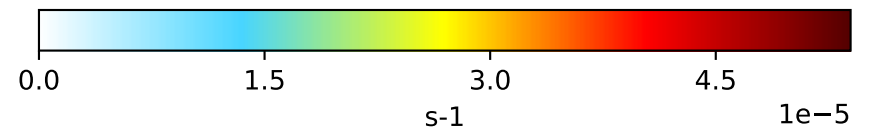
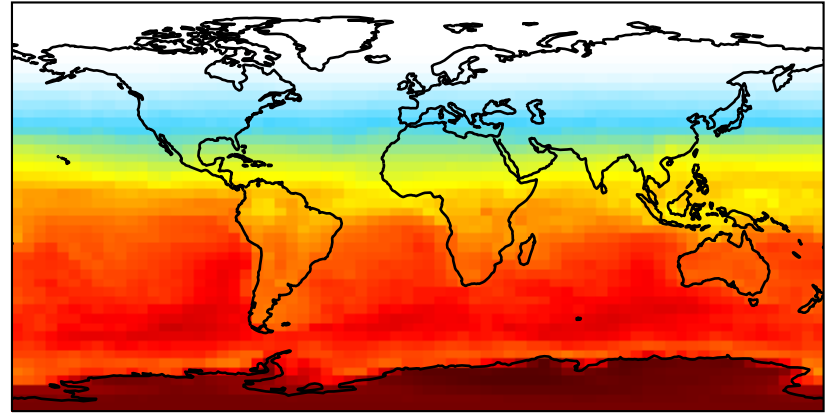


# Jval\_MACR100H (Jan2019)

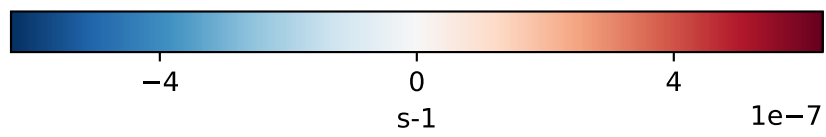
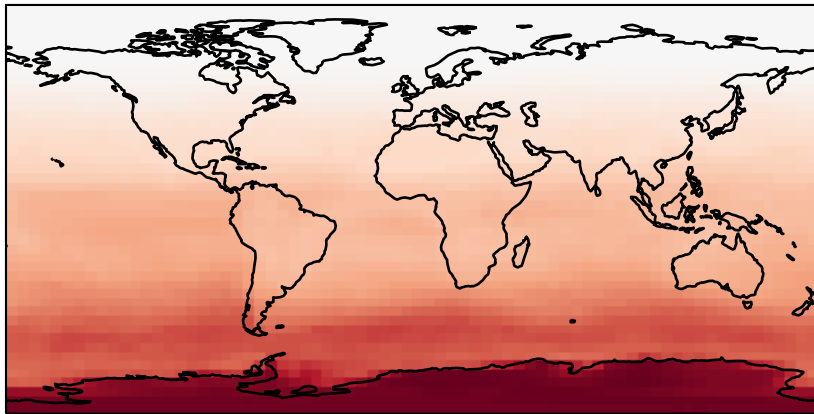
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



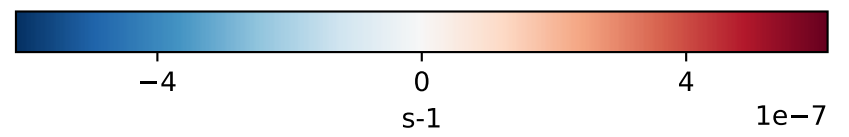
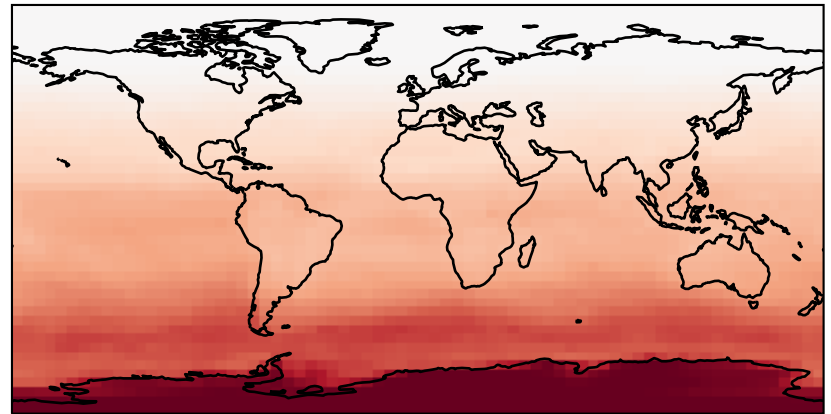
GCC\_13.0.0 (Dev)  
4.0x5.0



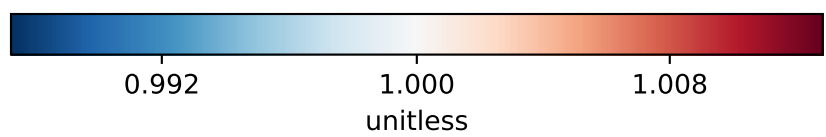
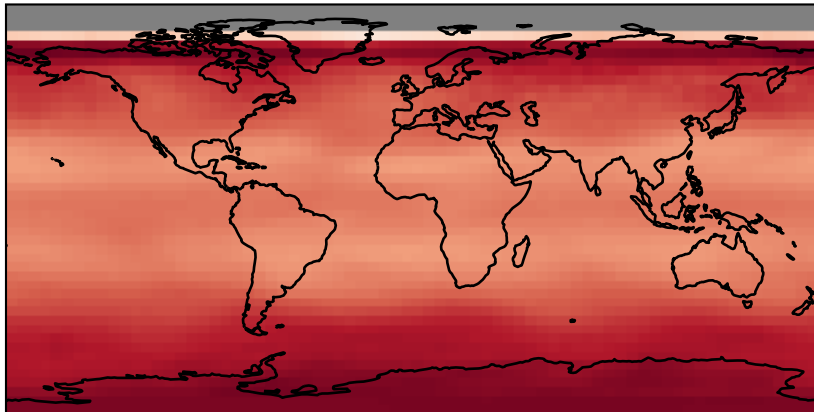
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

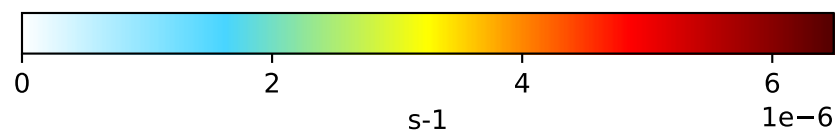
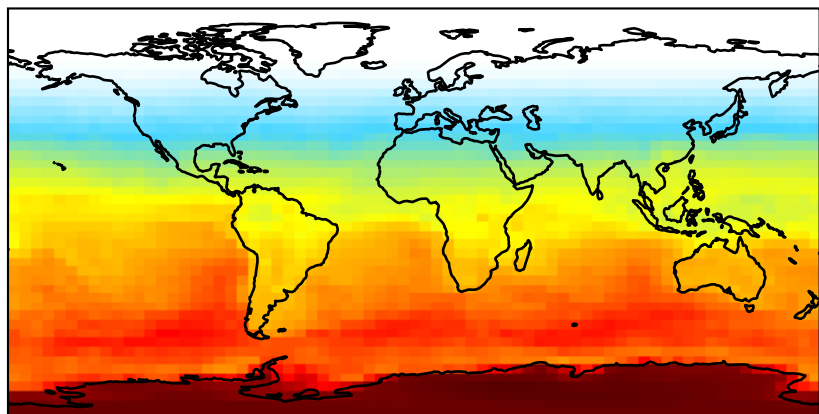


Ratio  
Dev/Ref, Fixed Range

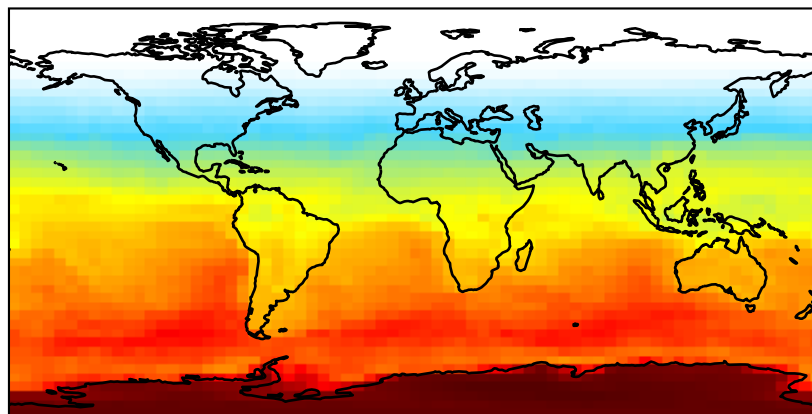


# Jval\_MAP (Jan2019)

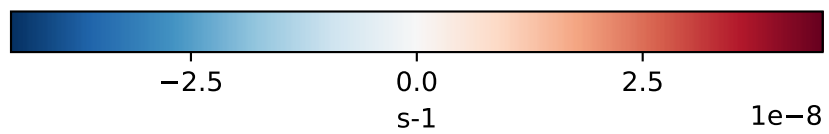
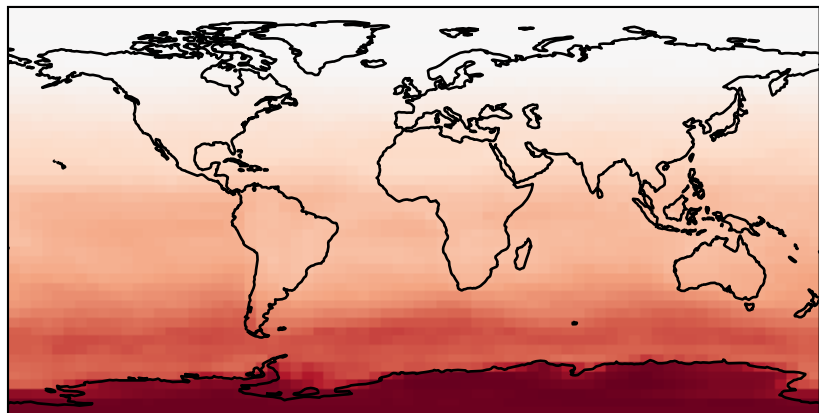
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



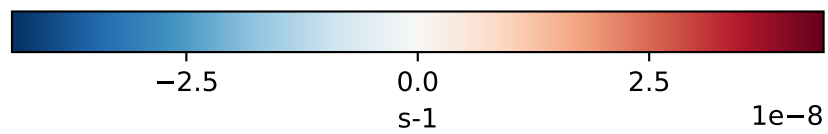
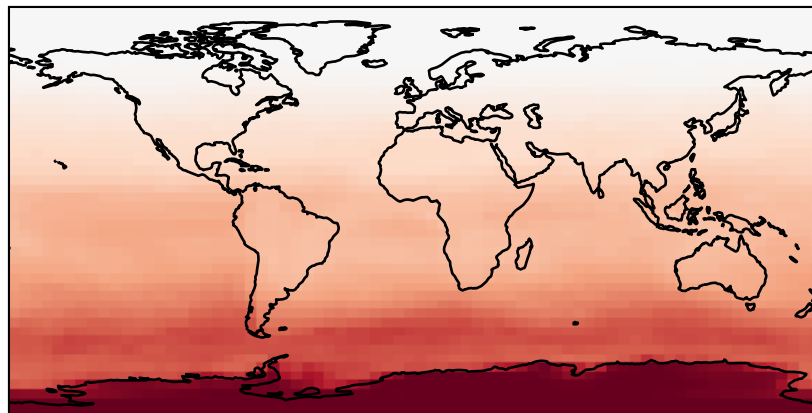
GCC\_13.0.0 (Dev)  
4.0x5.0



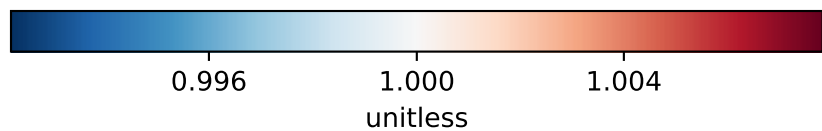
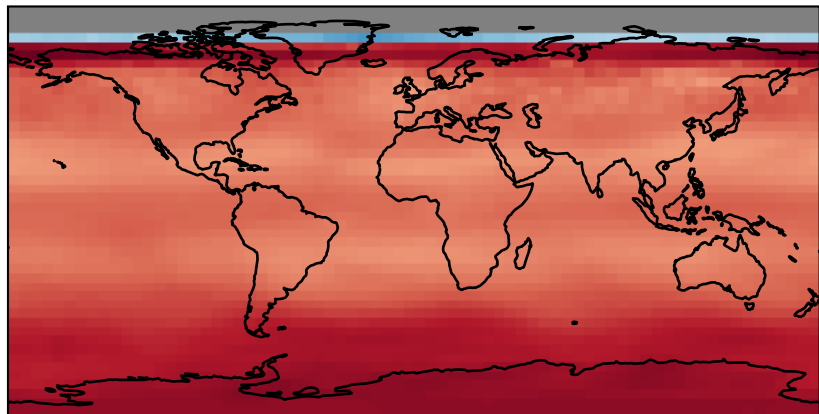
Difference  
Dev - Ref, Dynamic Range



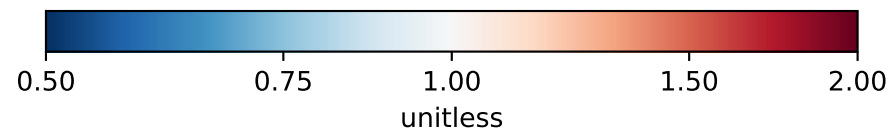
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

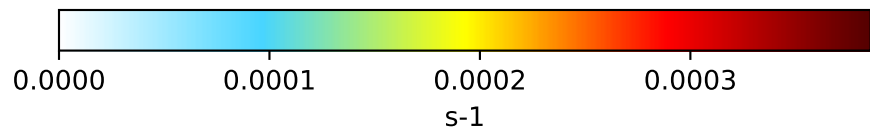
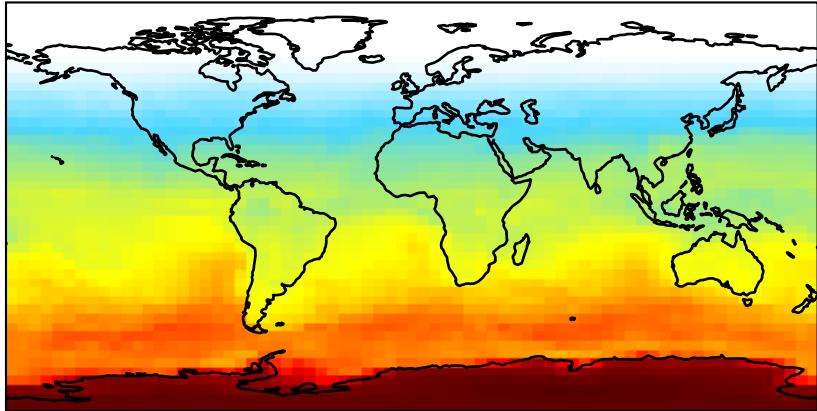


Ratio  
Dev/Ref, Fixed Range

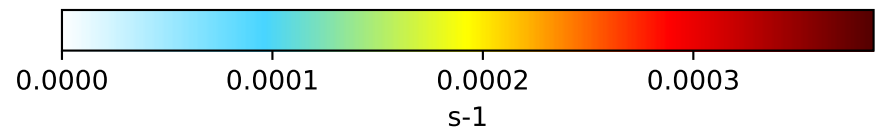
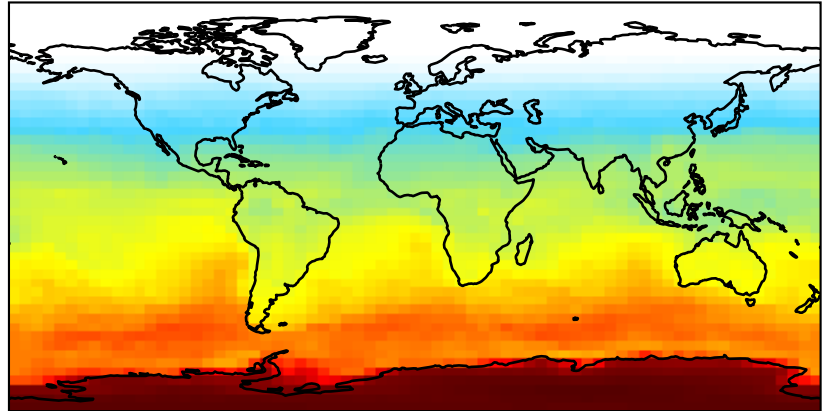


# Jval\_MCRENOL (Jan2019)

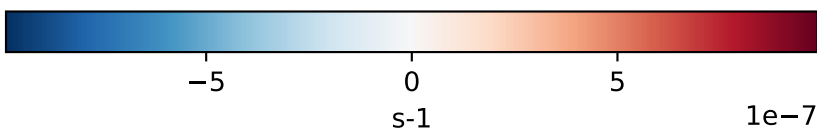
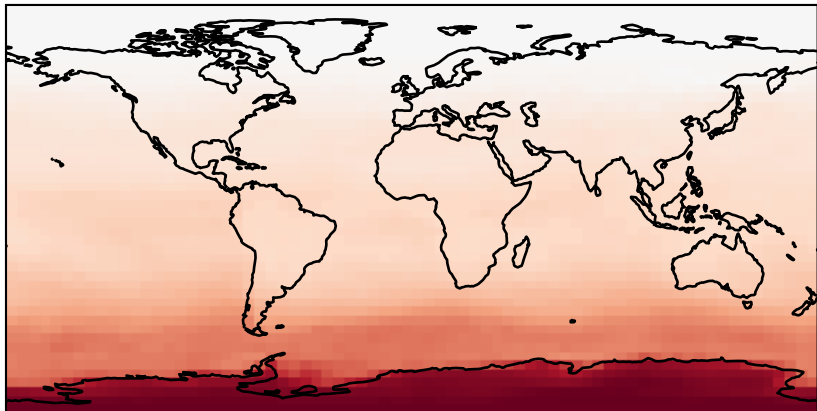
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



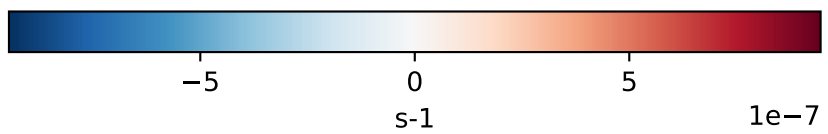
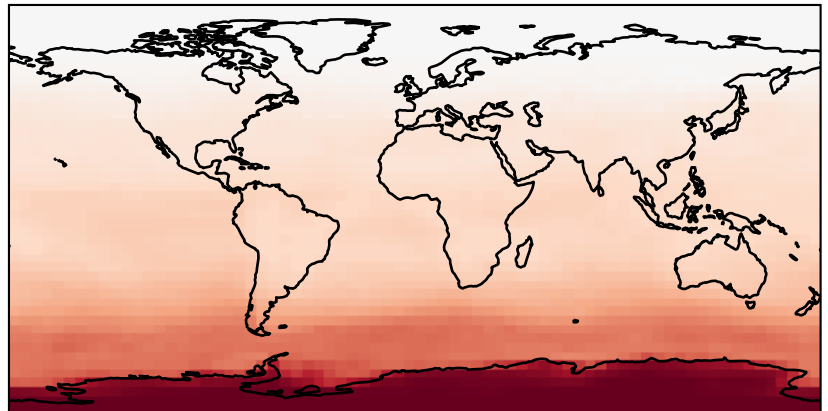
GCC\_13.0.0 (Dev)  
4.0x5.0



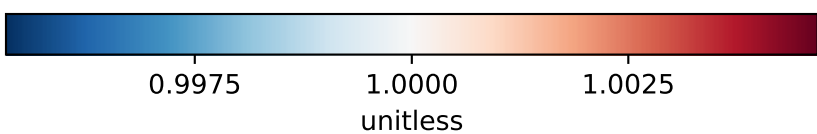
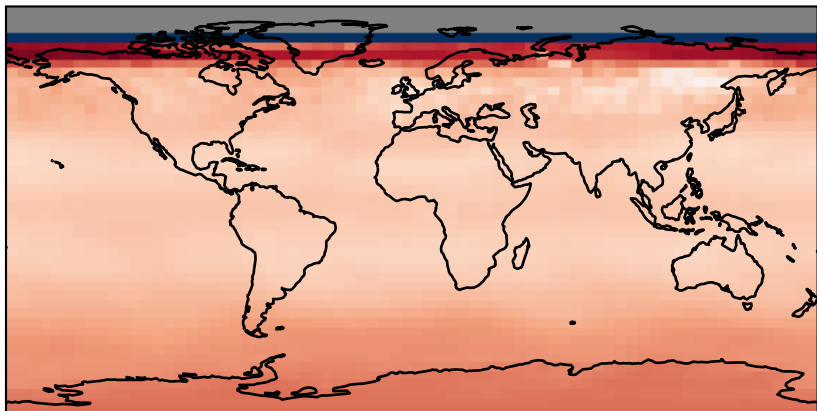
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

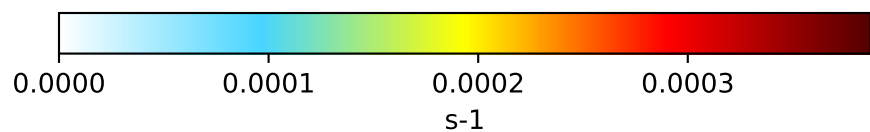
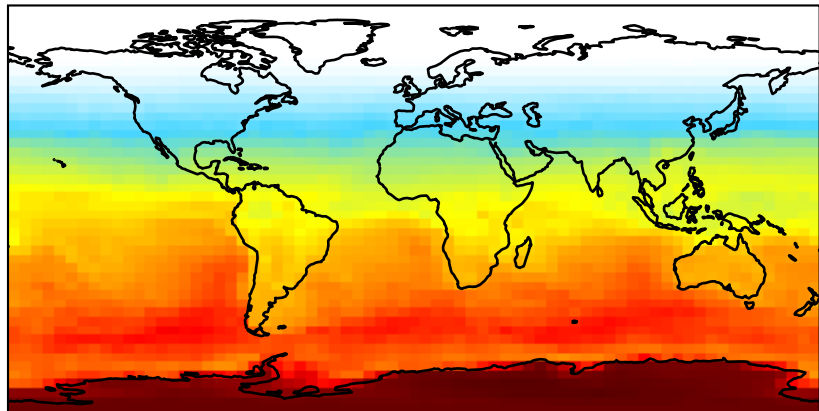


Ratio  
Dev/Ref, Fixed Range

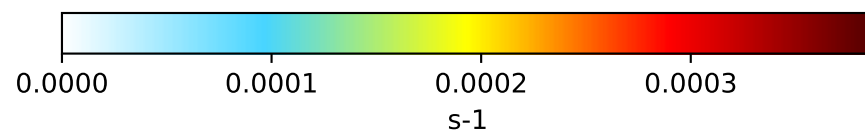
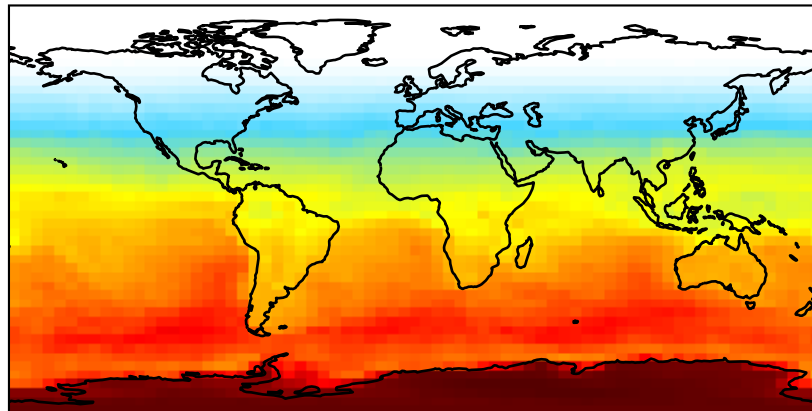


# Jval\_MCRHN (Jan2019)

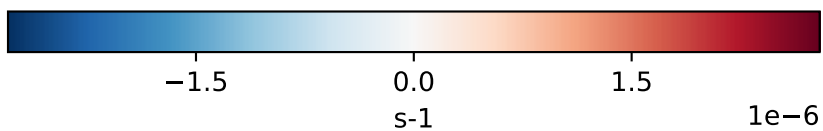
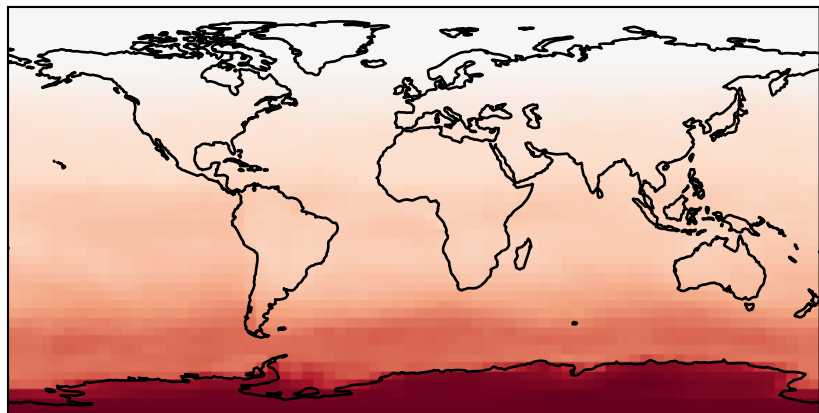
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



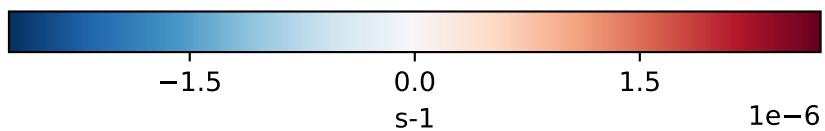
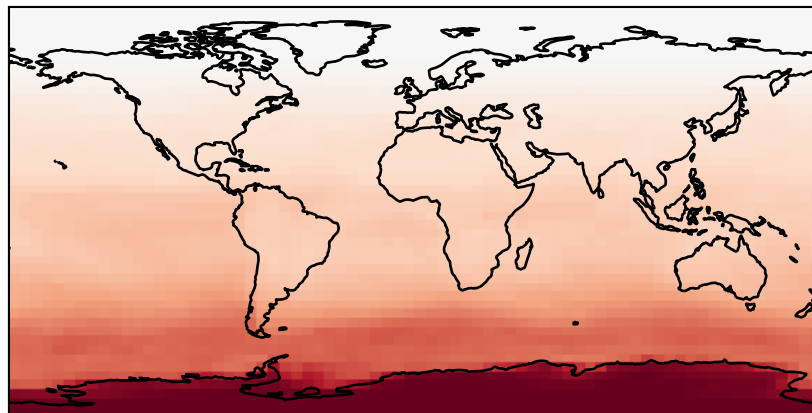
GCC\_13.0.0 (Dev)  
4.0x5.0



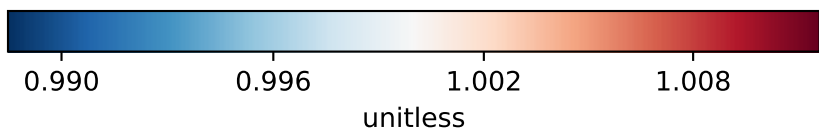
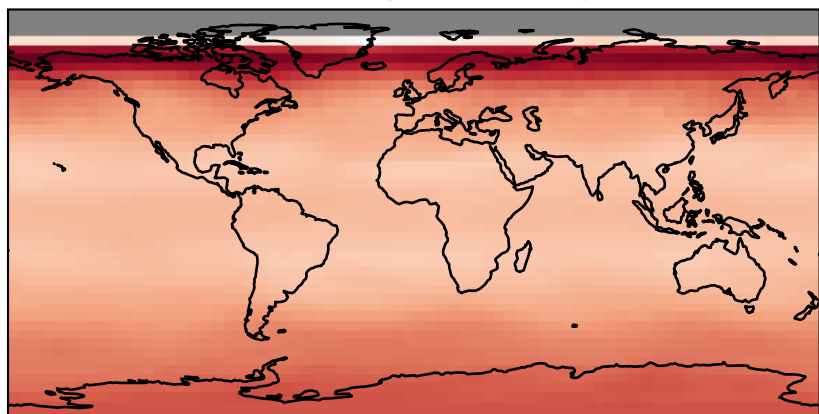
Difference  
Dev - Ref, Dynamic Range



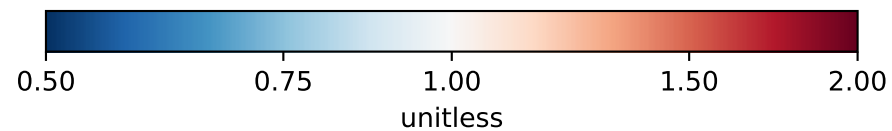
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



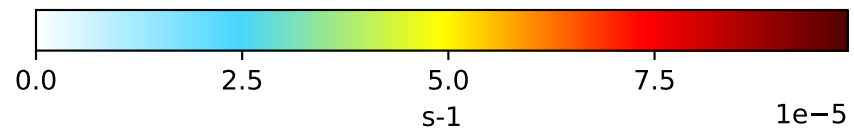
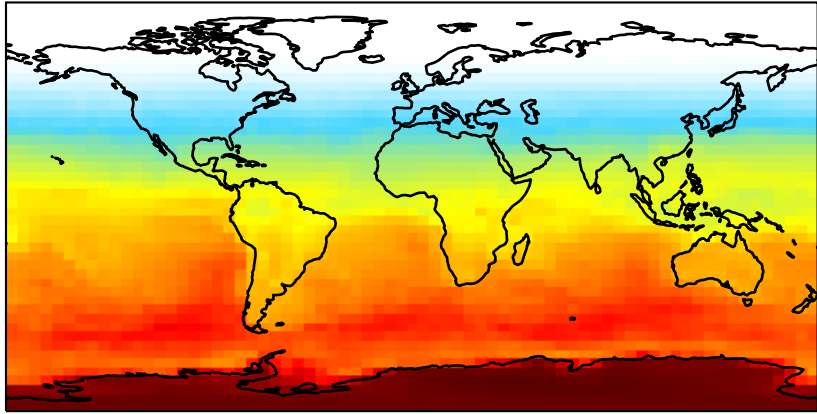
Ratio  
Dev/Ref, Fixed Range



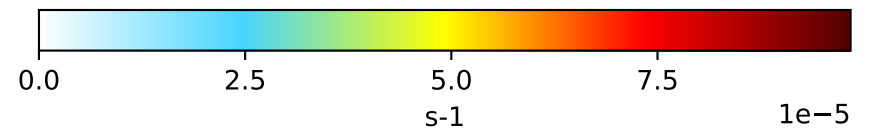
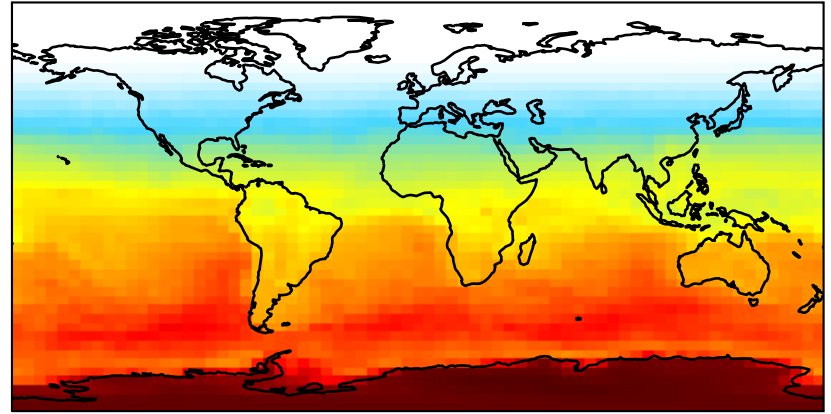


# Jval\_MCRHNB (Jan2019)

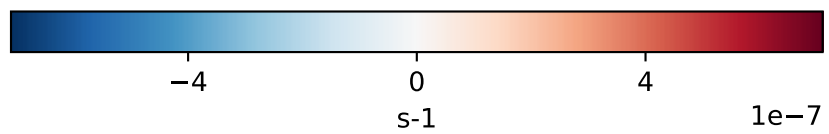
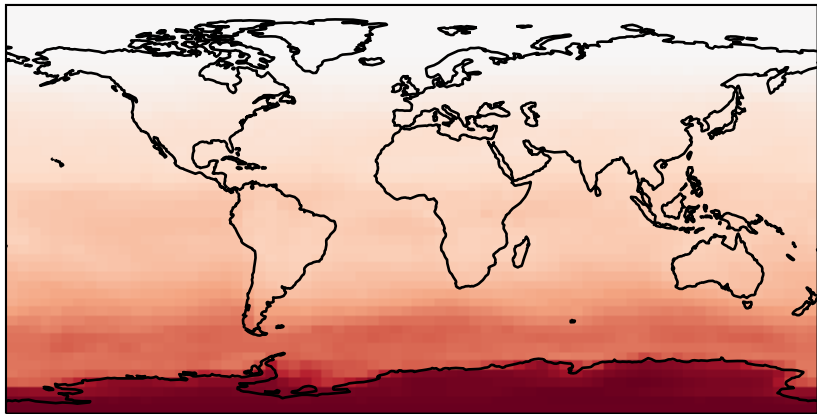
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



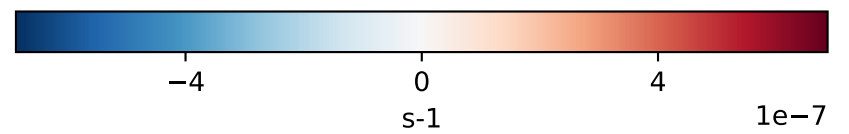
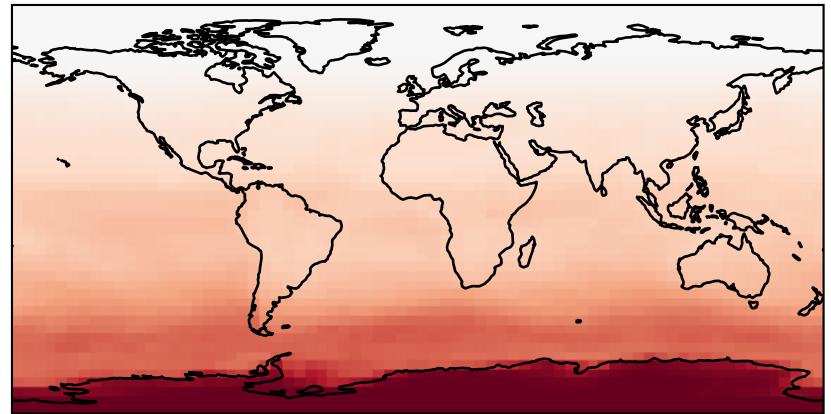
GCC\_13.0.0 (Dev)  
4.0x5.0



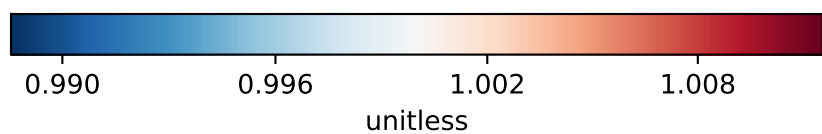
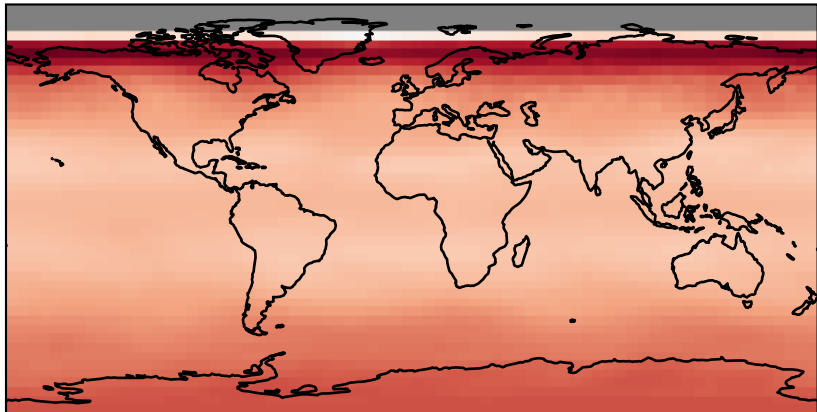
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

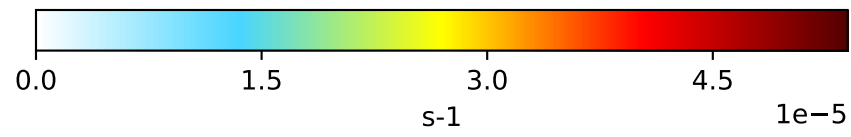
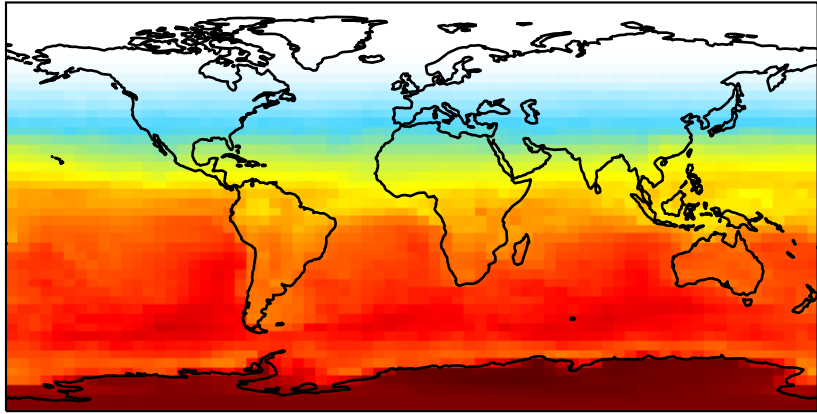


Ratio  
Dev/Ref, Fixed Range

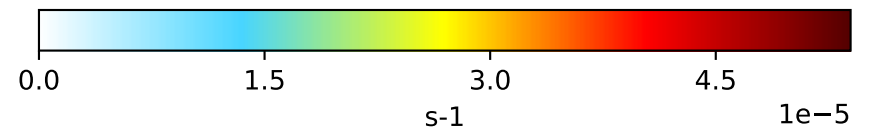
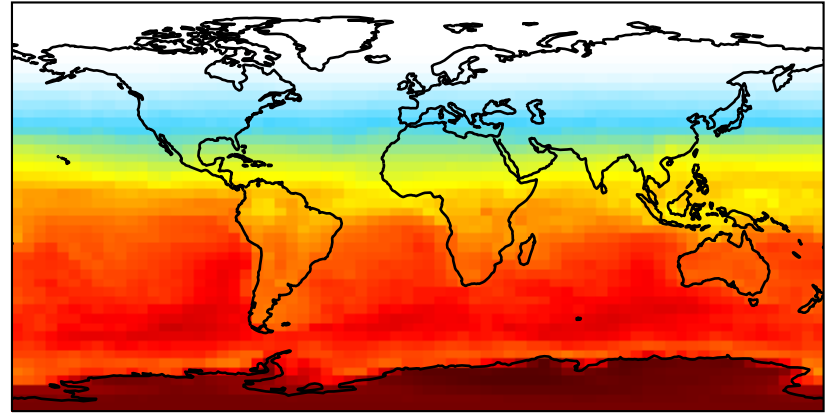


# Jval\_MCRHP (Jan2019)

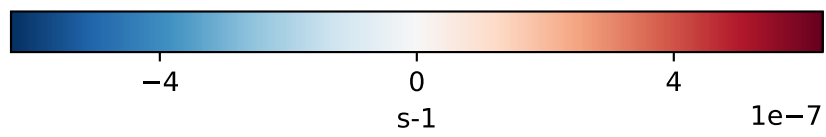
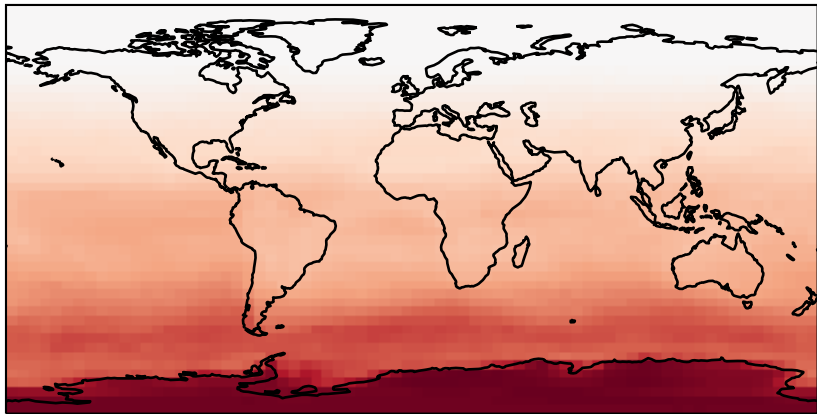
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



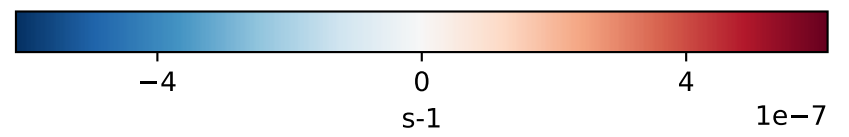
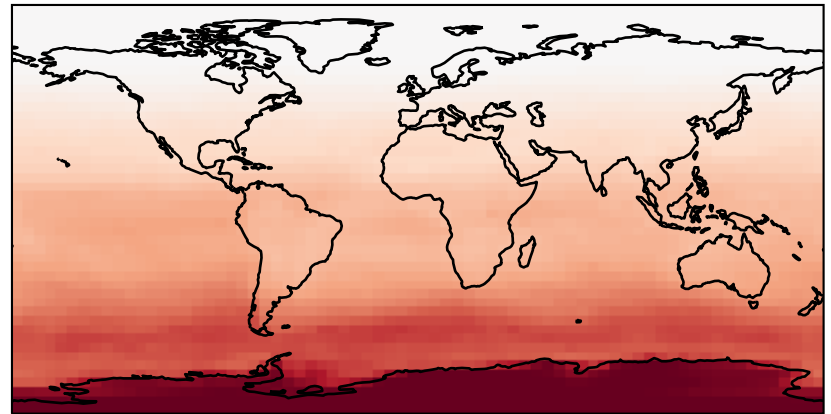
GCC\_13.0.0 (Dev)  
4.0x5.0



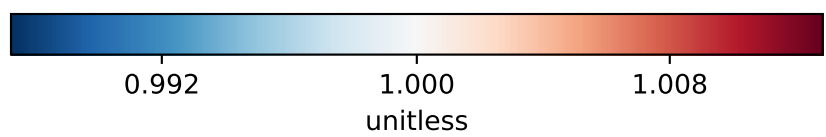
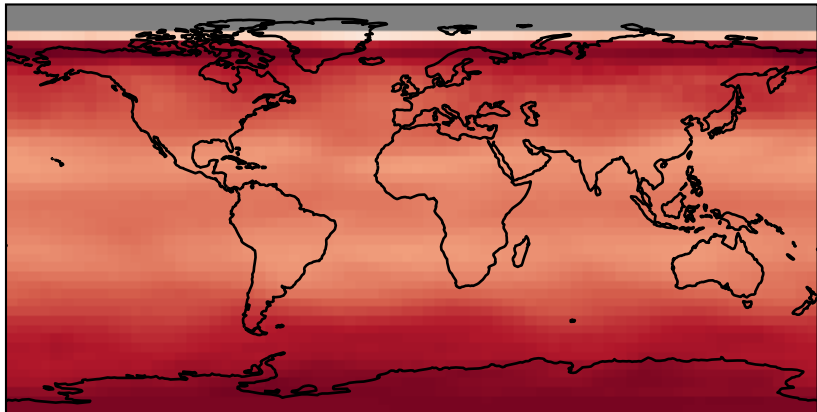
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

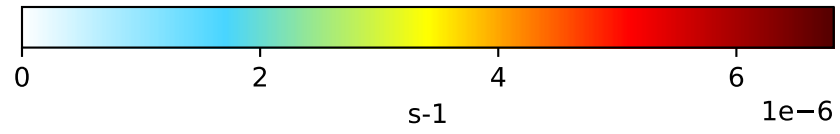
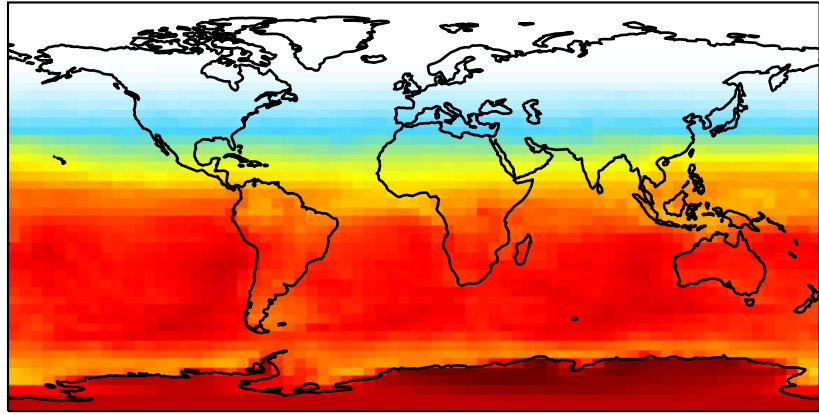


Ratio  
Dev/Ref, Fixed Range

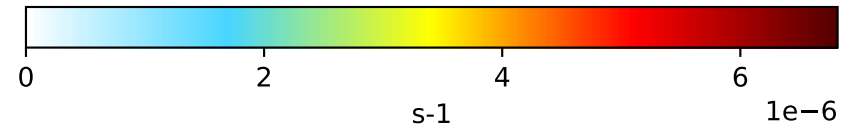
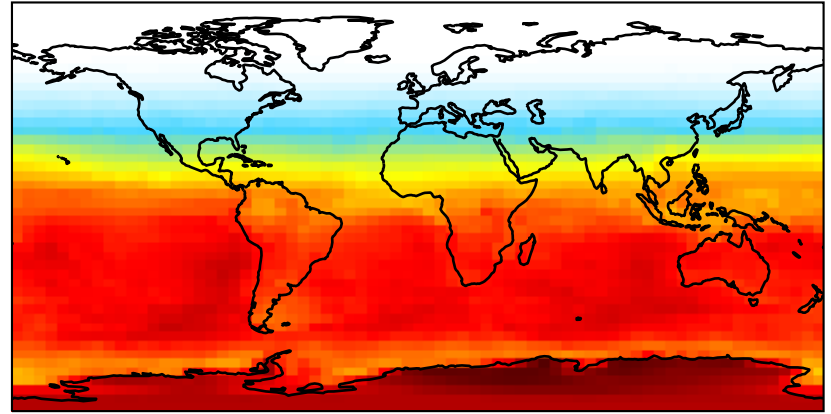


# Jval\_MEK (Jan2019)

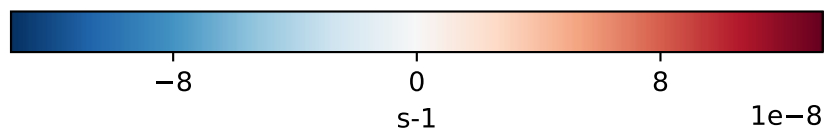
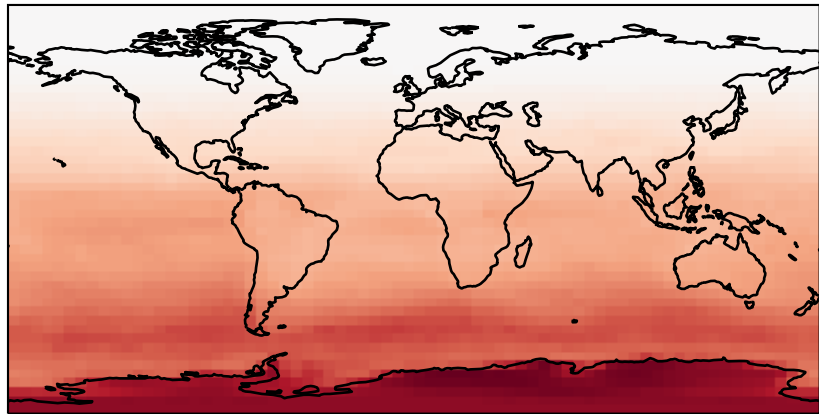
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



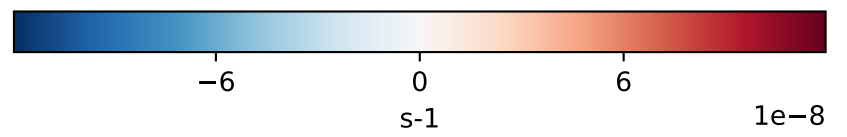
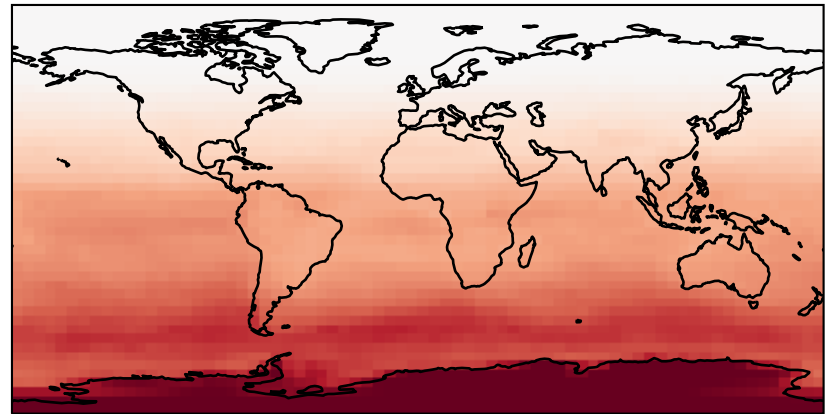
GCC\_13.0.0 (Dev)  
4.0x5.0



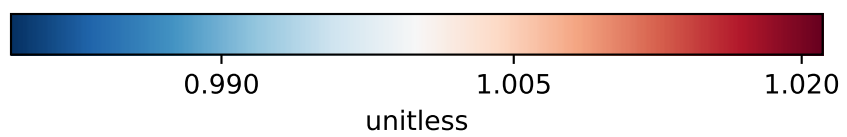
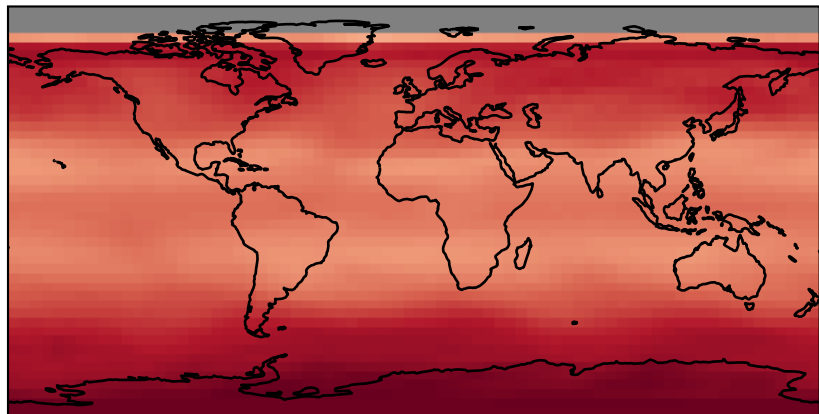
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

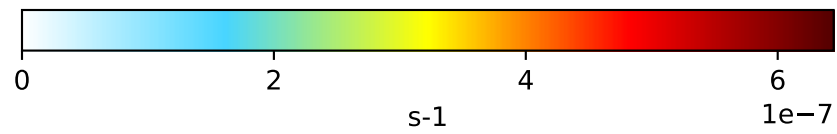
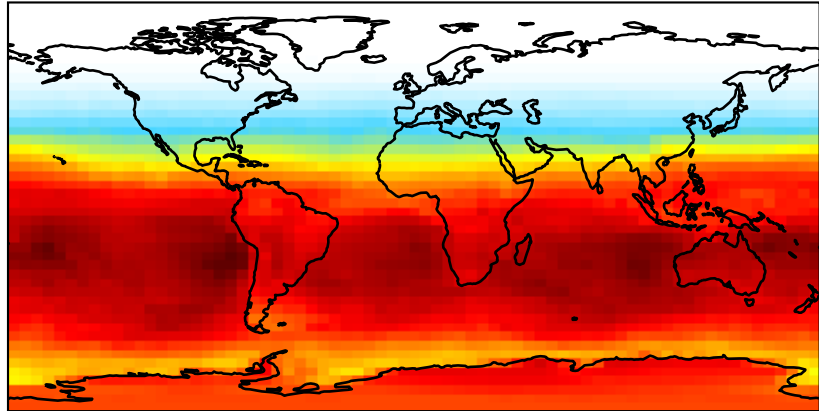


Ratio  
Dev/Ref, Fixed Range

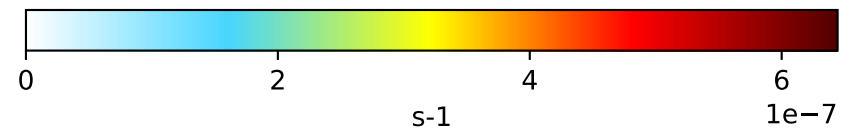
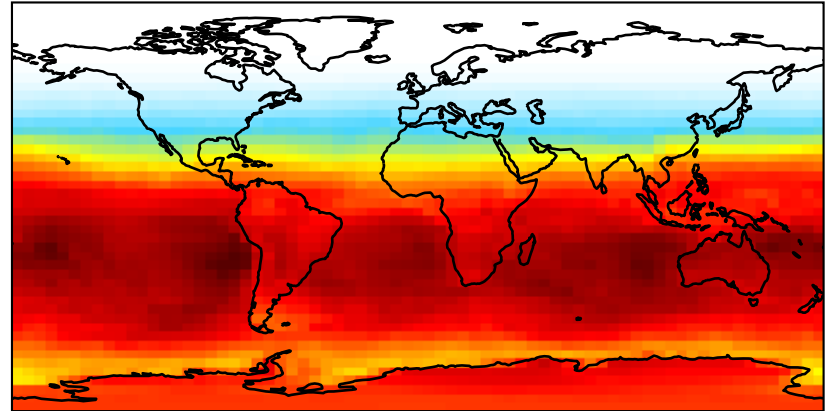


# Jval\_MENO3 (Jan2019)

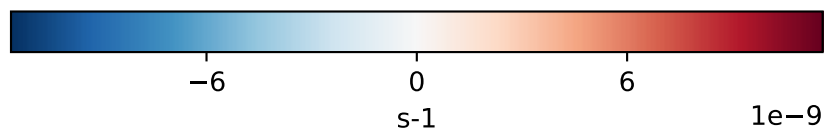
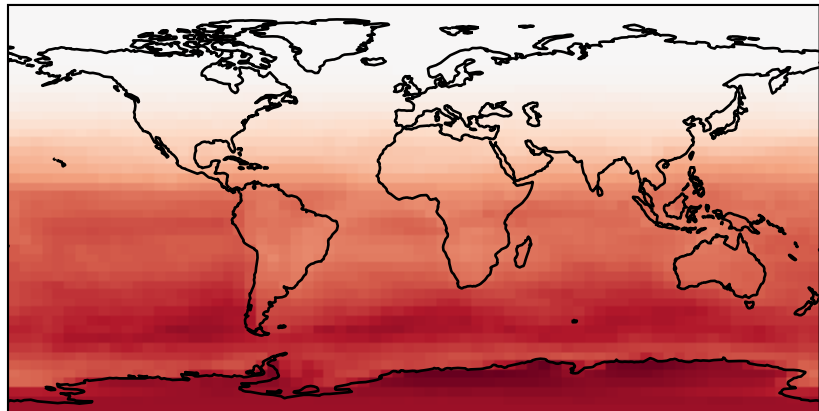
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



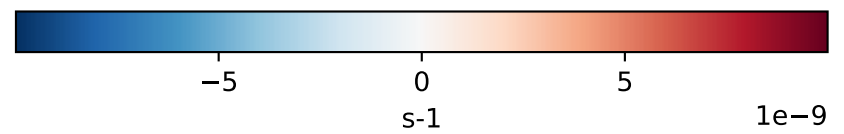
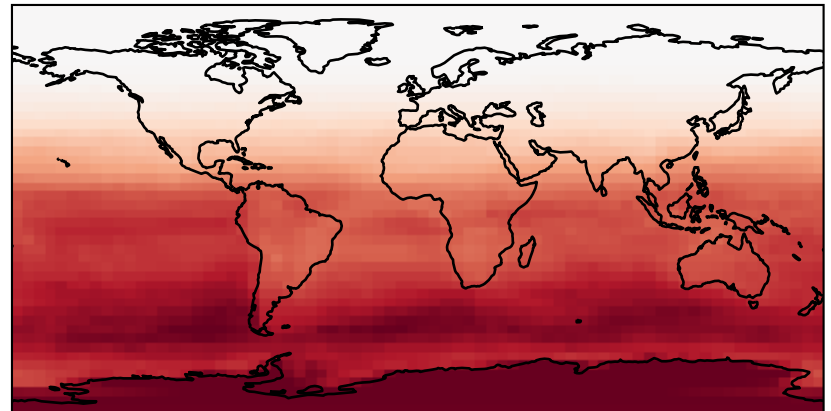
GCC\_13.0.0 (Dev)  
4.0x5.0



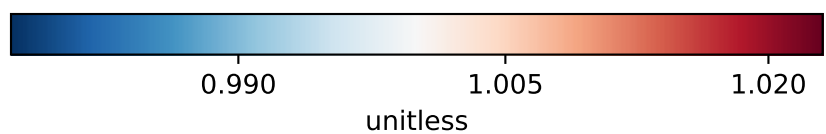
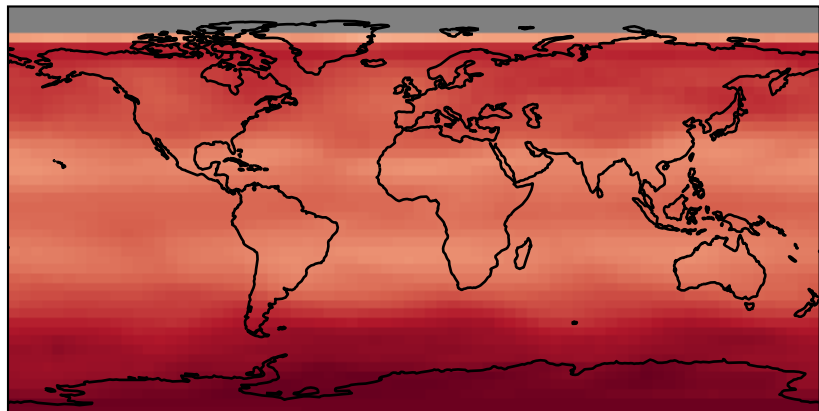
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

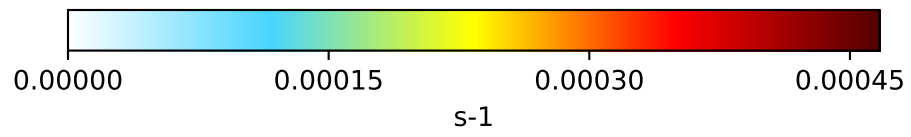
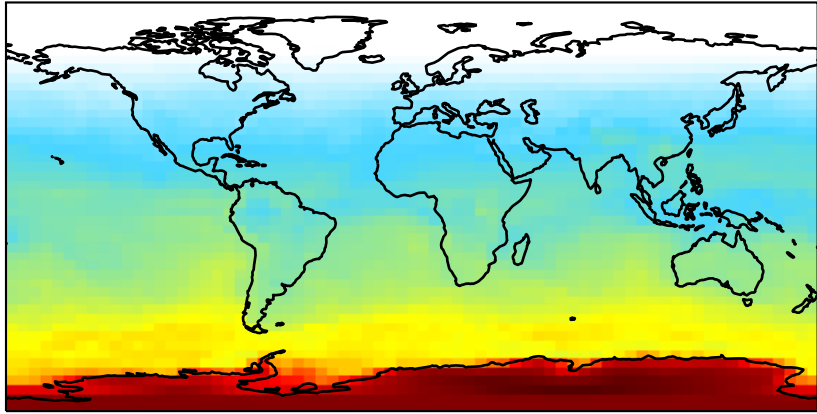


Ratio  
Dev/Ref, Fixed Range

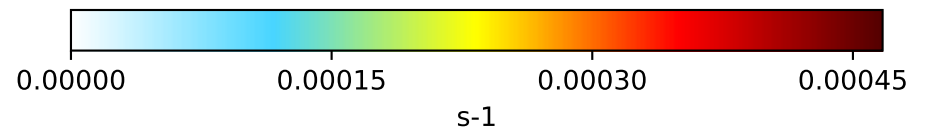
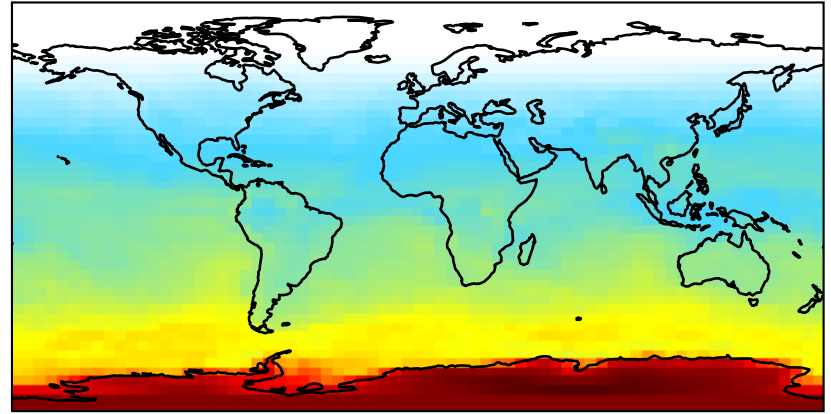


# Jval\_MGLY (Jan2019)

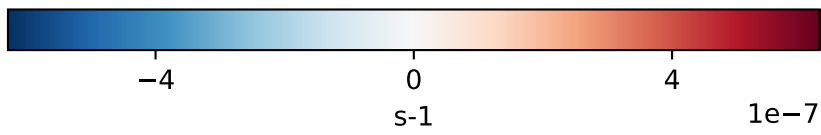
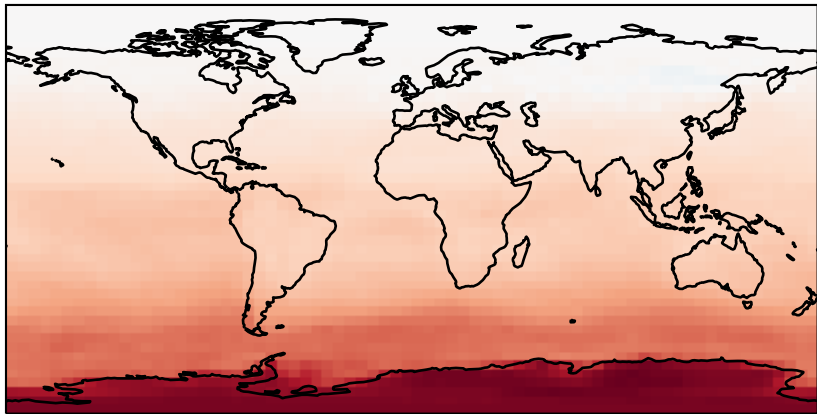
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



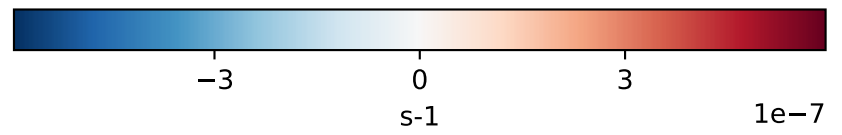
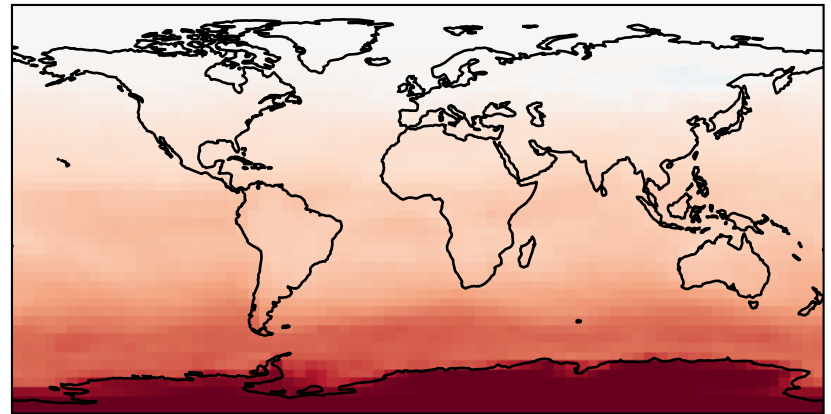
GCC\_13.0.0 (Dev)  
4.0x5.0



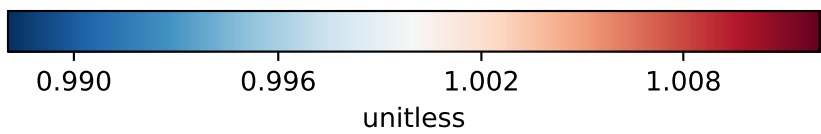
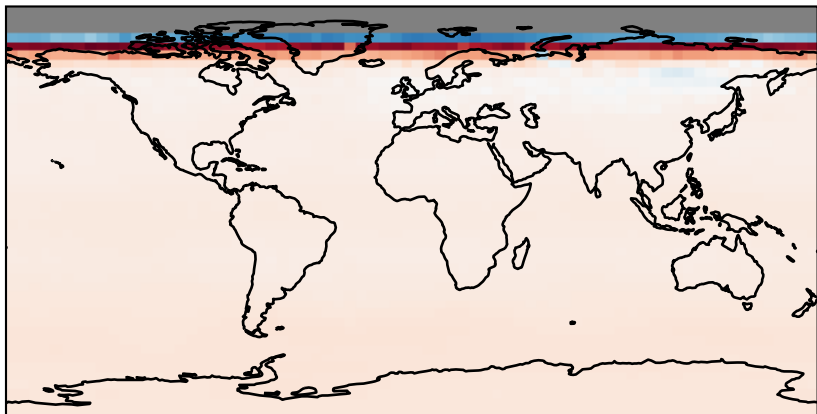
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range



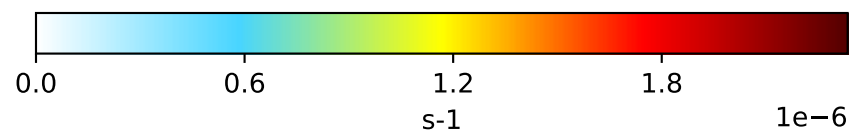
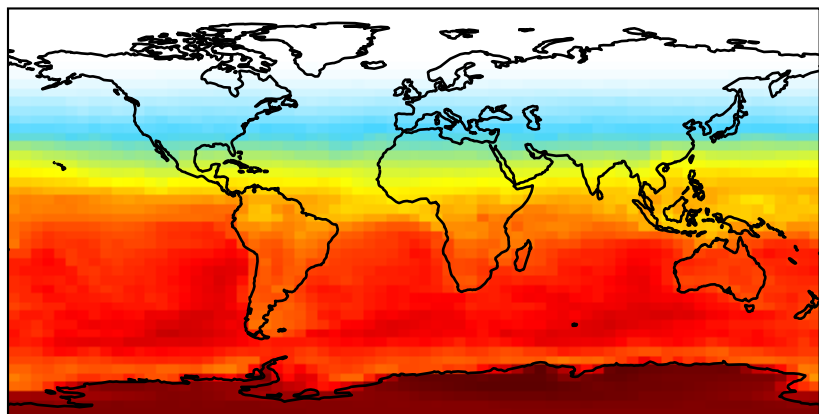
Ratio  
Dev/Ref, Fixed Range



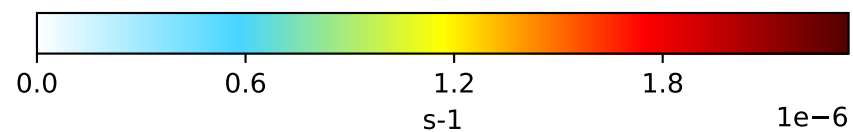
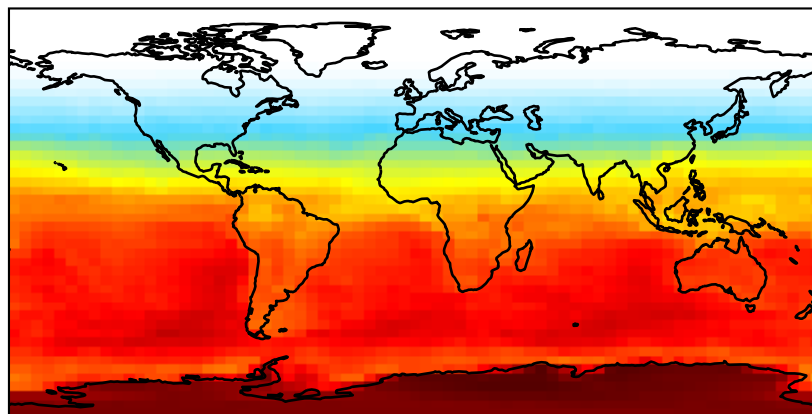


# Jval\_MONITS (Jan2019)

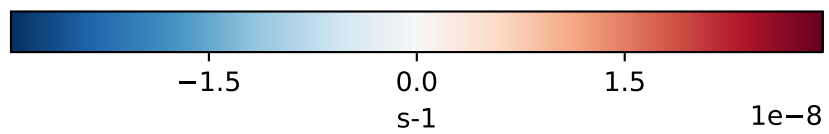
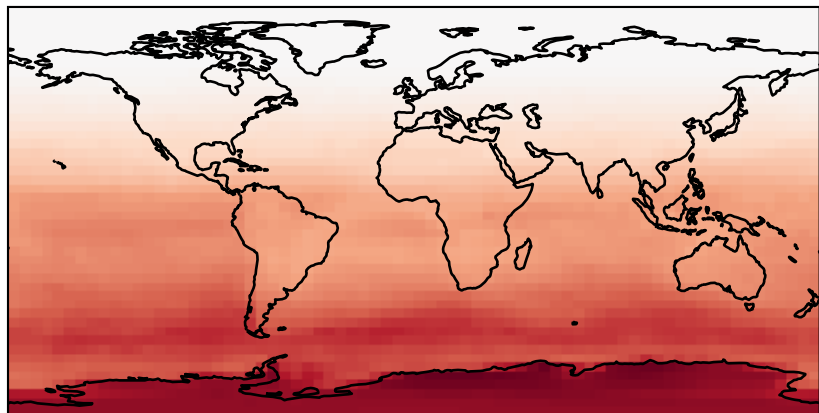
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



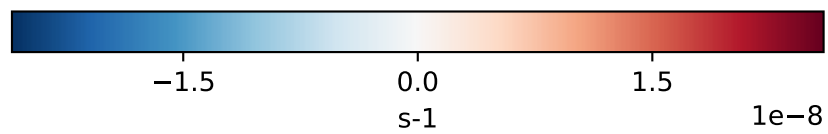
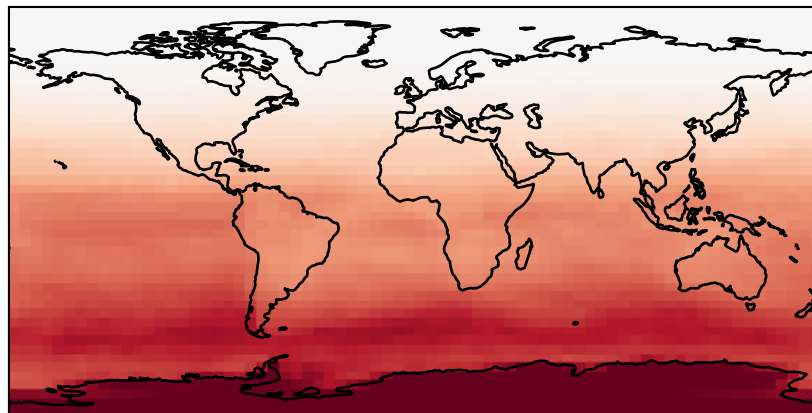
GCC\_13.0.0 (Dev)  
4.0x5.0



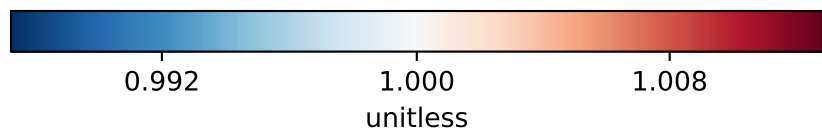
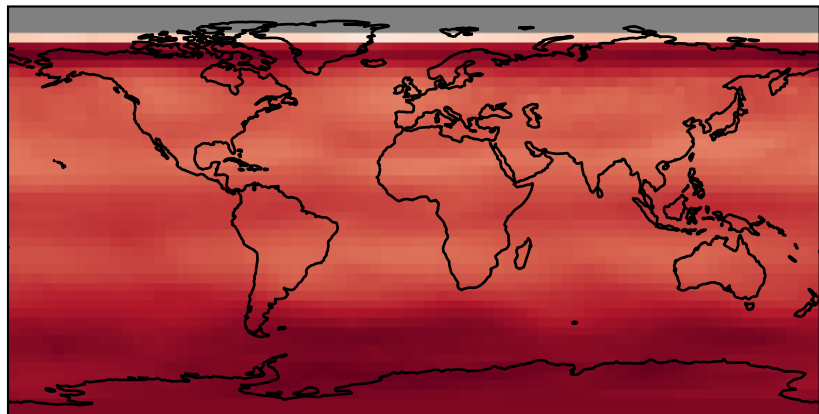
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

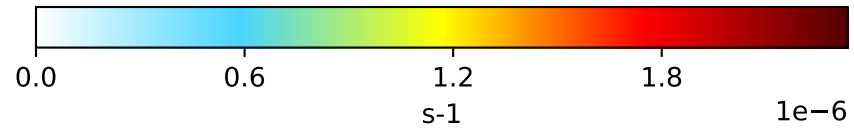
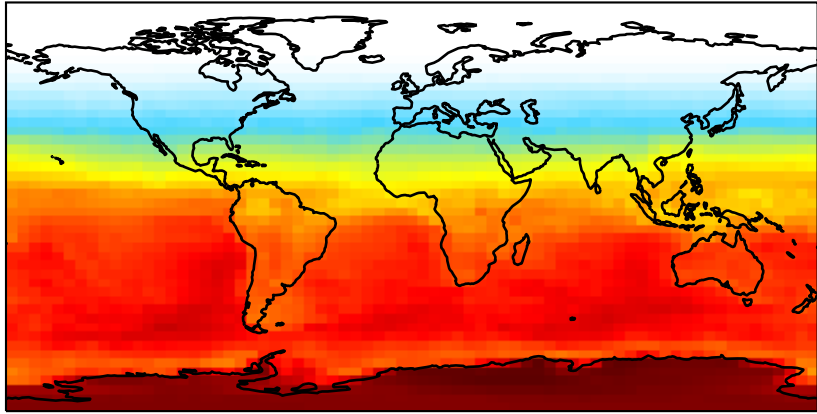


Ratio  
Dev/Ref, Fixed Range

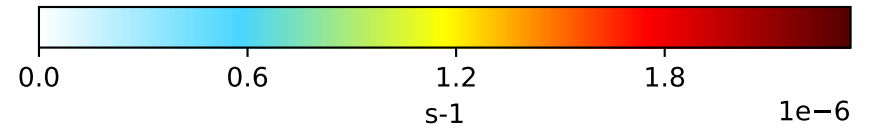
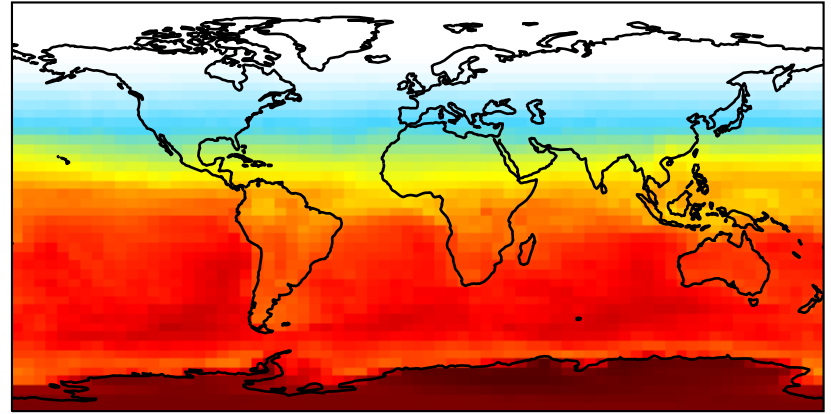


# Jval\_MONITU (Jan2019)

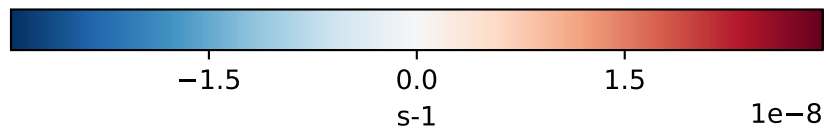
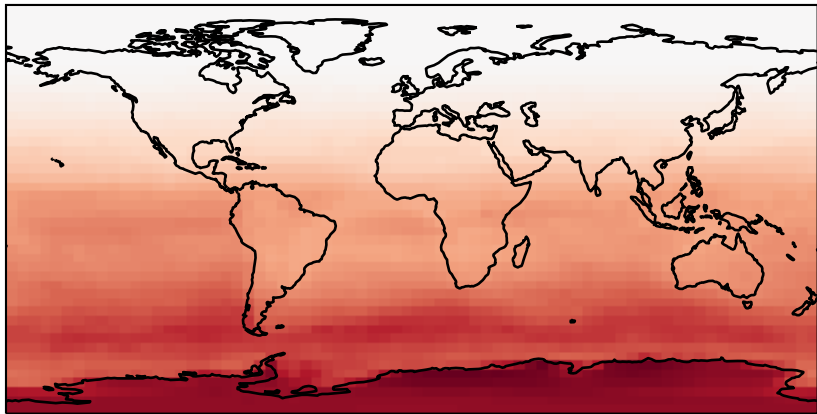
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



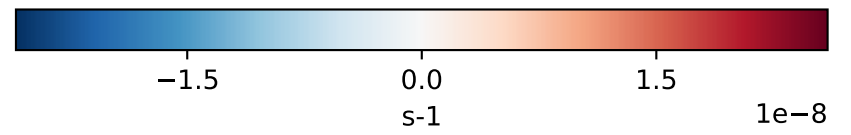
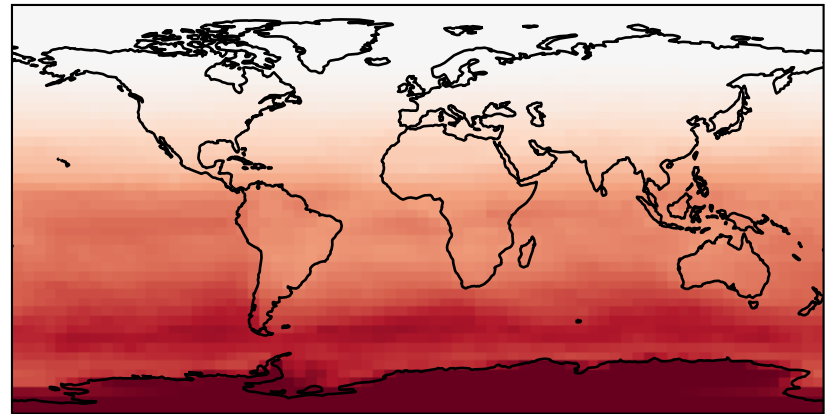
GCC\_13.0.0 (Dev)  
4.0x5.0



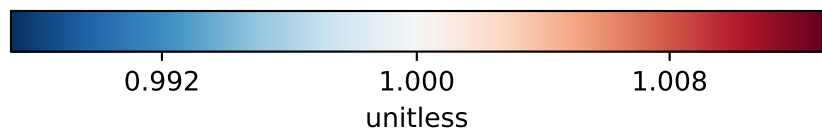
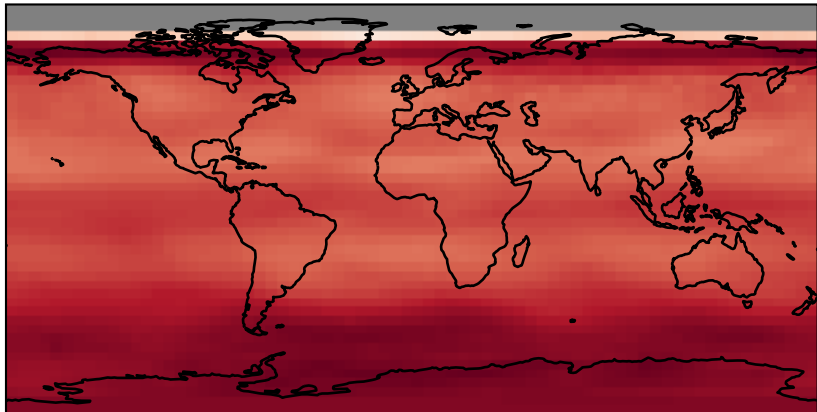
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

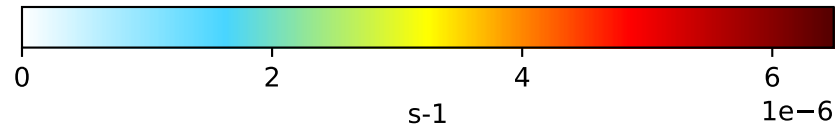
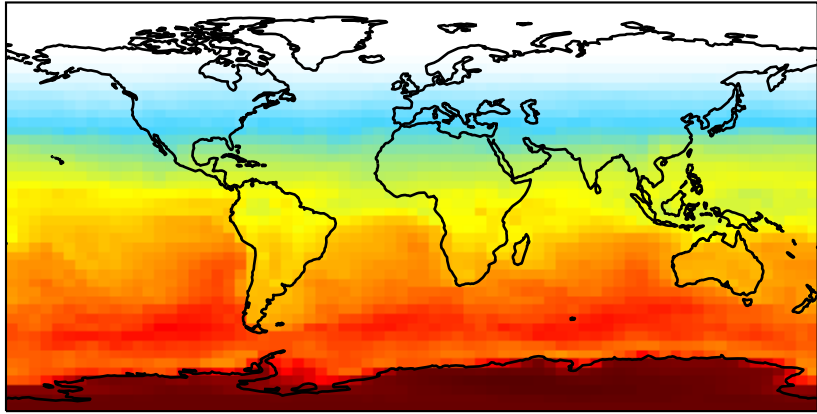


Ratio  
Dev/Ref, Fixed Range

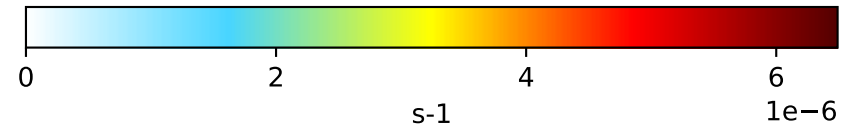
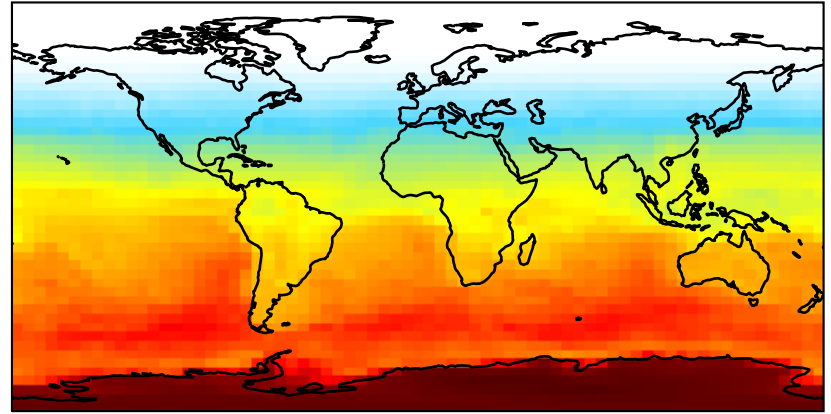


# Jval\_MP (Jan2019)

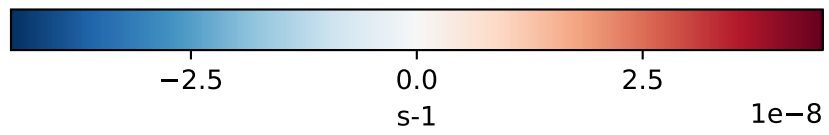
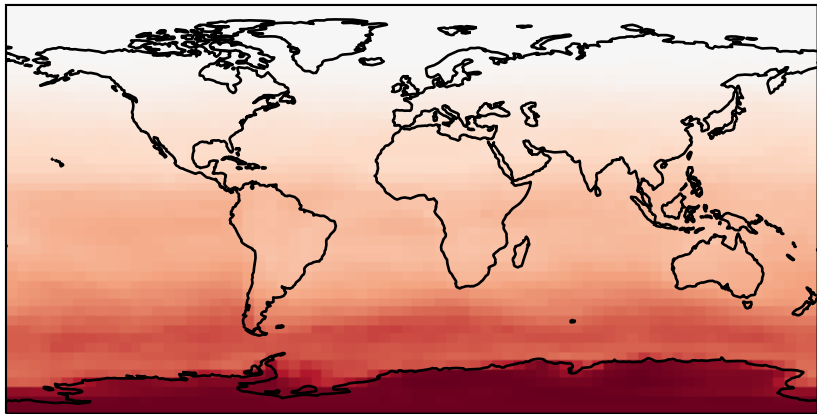
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



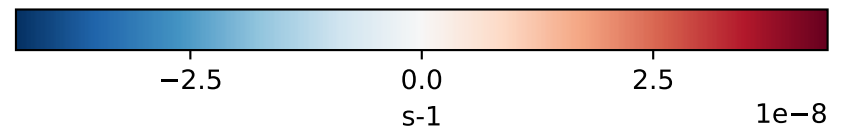
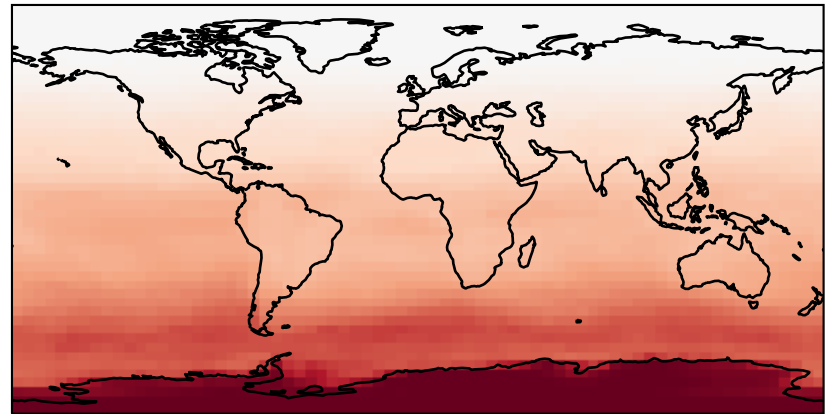
GCC\_13.0.0 (Dev)  
4.0x5.0



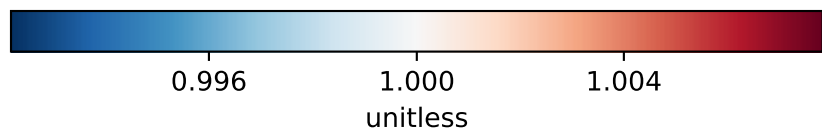
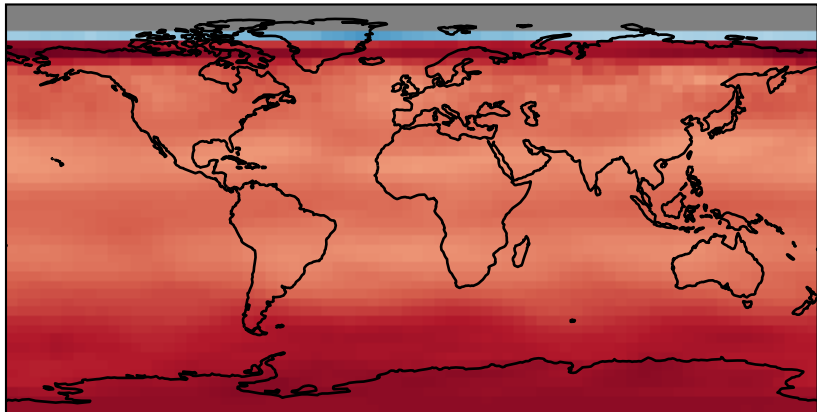
Difference  
Dev - Ref, Dynamic Range



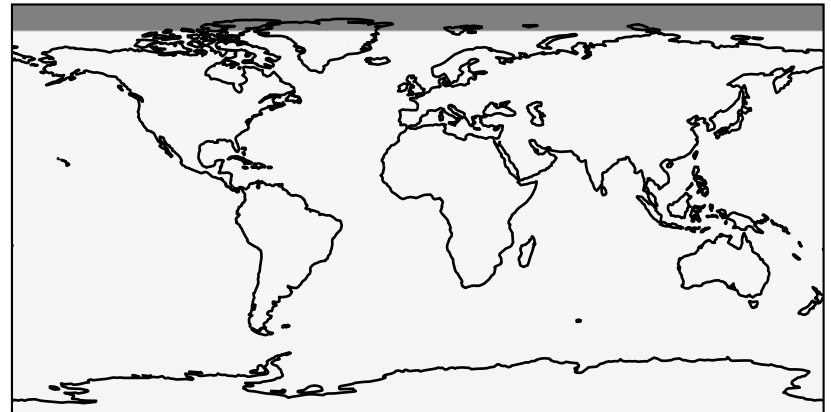
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



Ratio  
Dev/Ref, Fixed Range



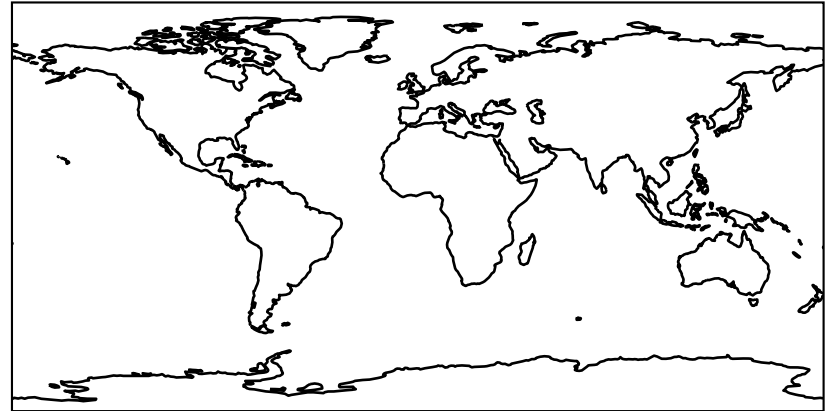
# Jval\_MPAN (Jan2019)

GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



Zero throughout domain  
s-1

GCC\_13.0.0 (Dev)  
4.0x5.0



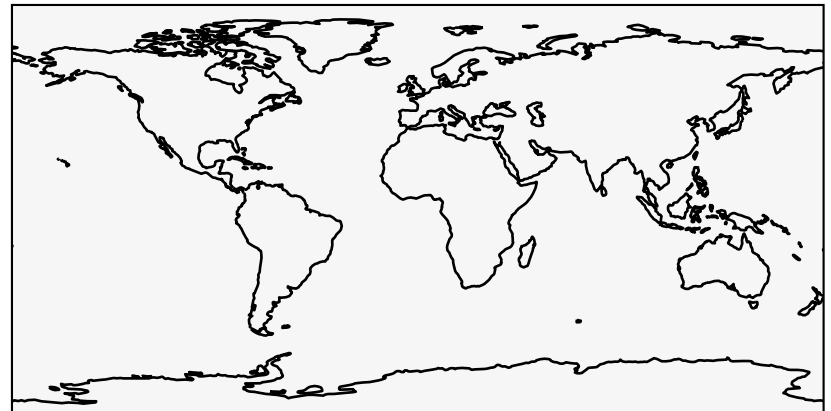
Zero throughout domain  
s-1

Difference  
Dev - Ref, Dynamic Range



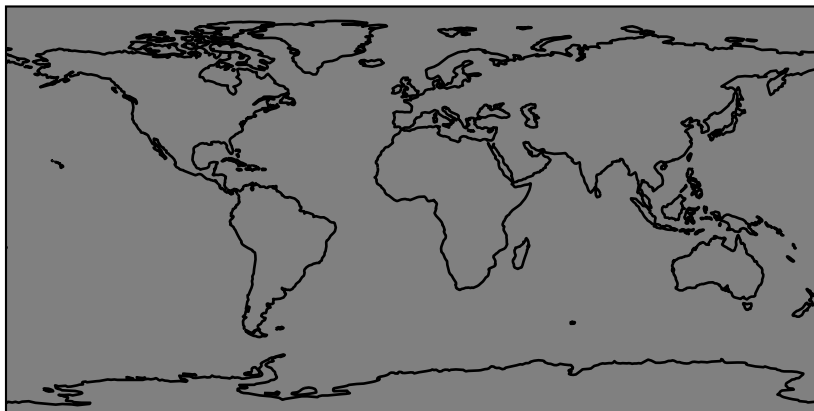
Zero throughout domain  
s-1

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



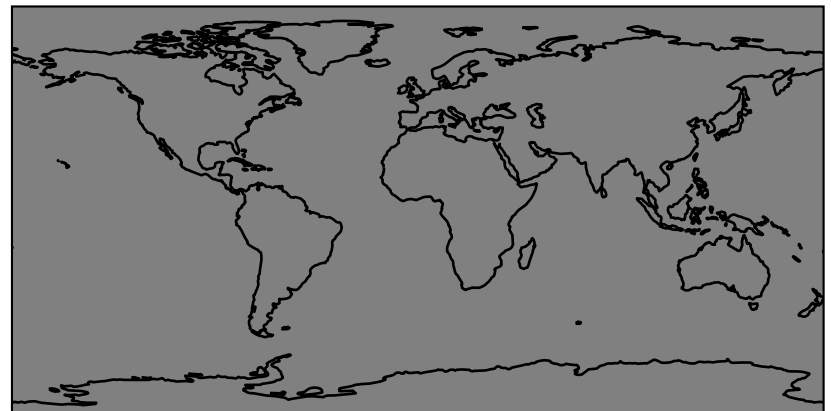
Zero throughout domain  
s-1

Ratio  
Dev/Ref, Dynamic Range



Undefined throughout domain  
unitless

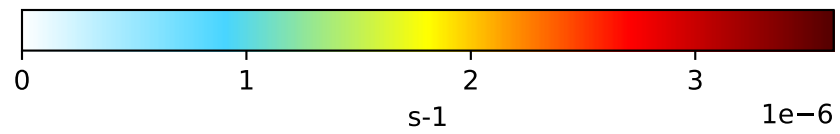
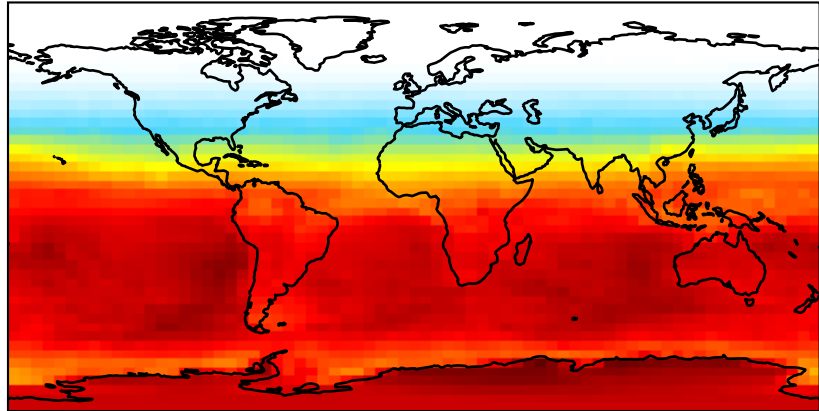
Ratio  
Dev/Ref, Fixed Range



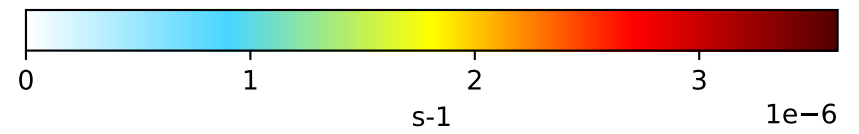
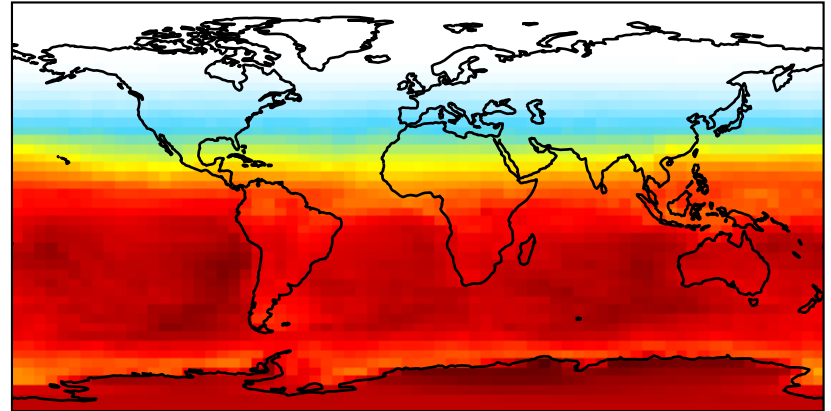
Undefined throughout domain  
unitless

# Jval\_MPN (Jan2019)

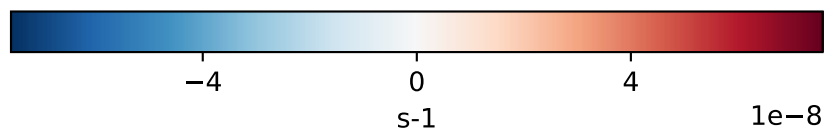
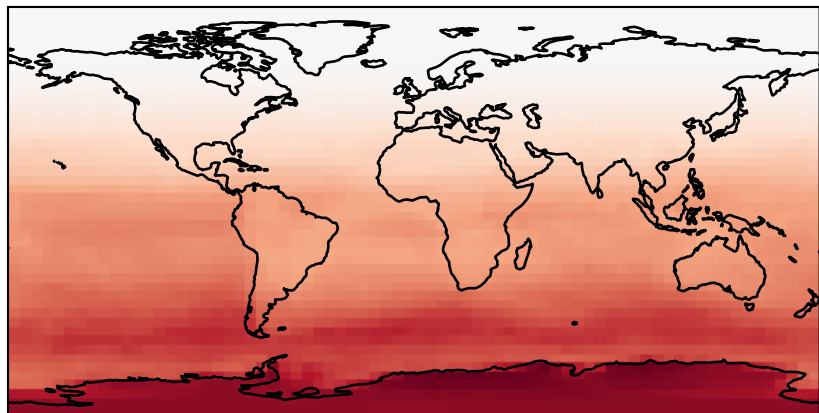
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



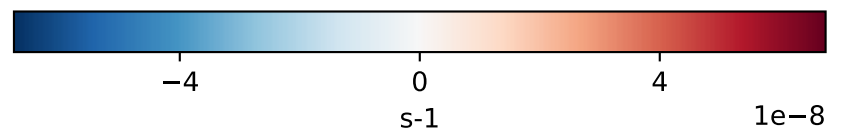
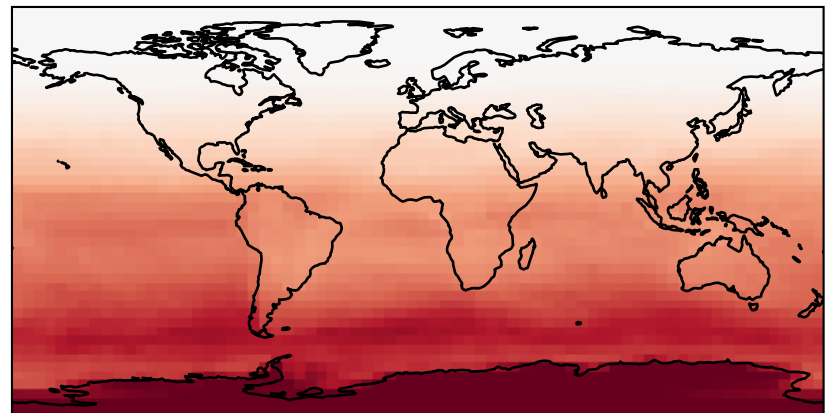
GCC\_13.0.0 (Dev)  
4.0x5.0



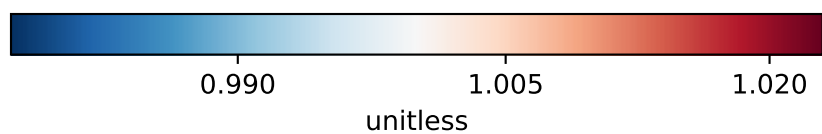
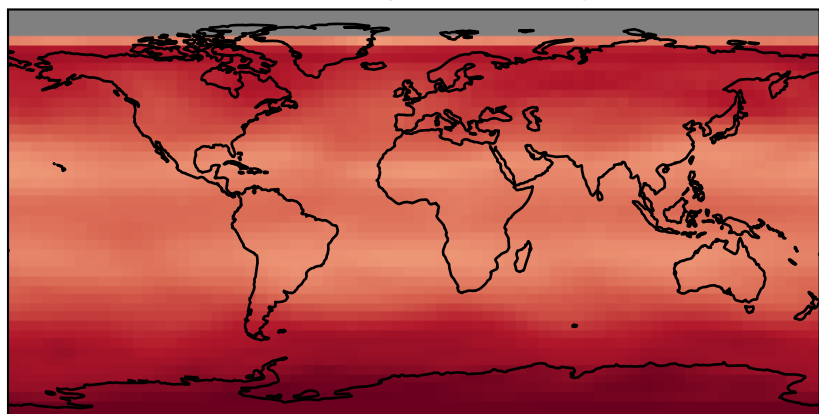
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range



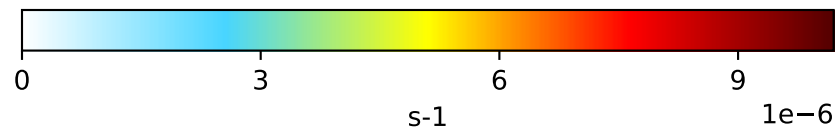
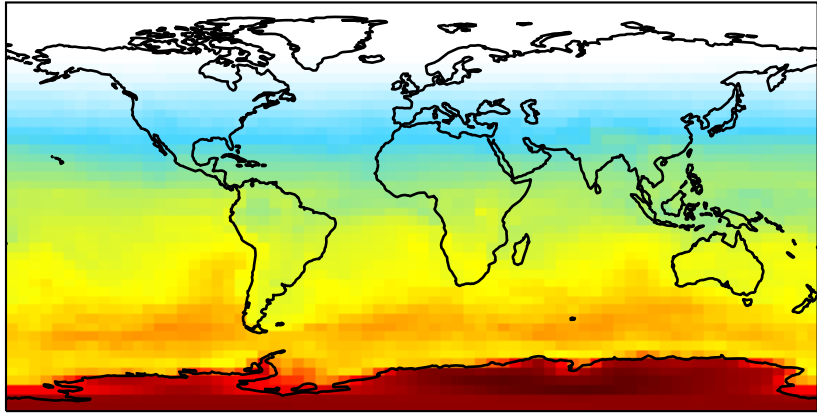
Ratio  
Dev/Ref, Fixed Range



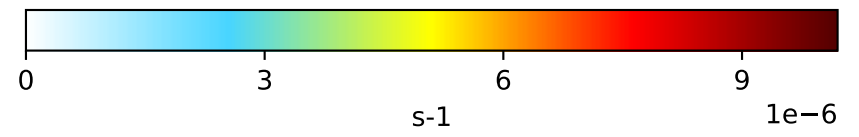
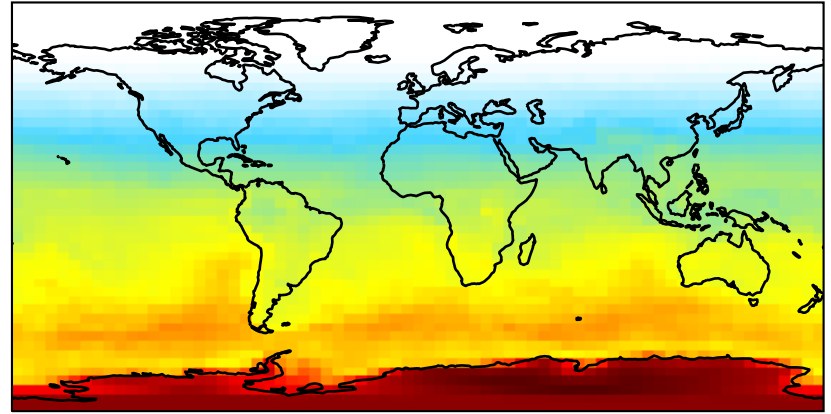


# Jval\_MVK (Jan2019)

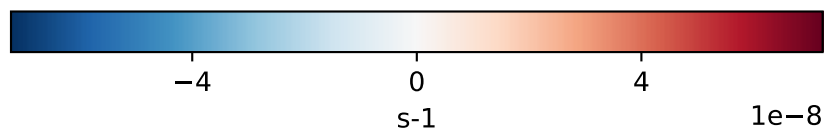
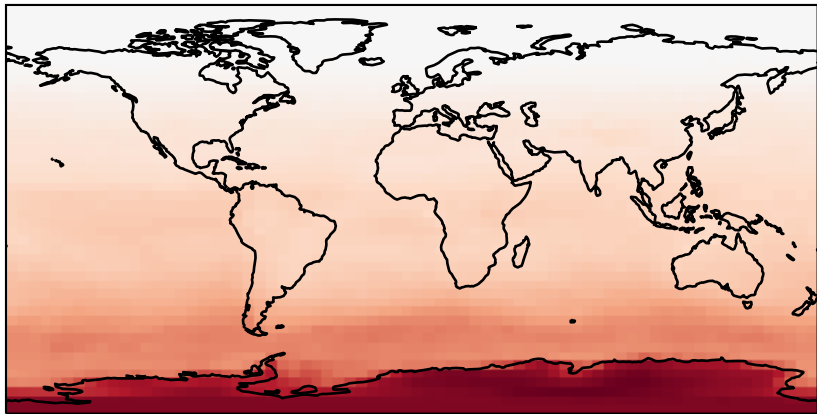
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



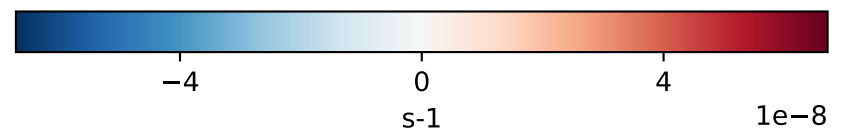
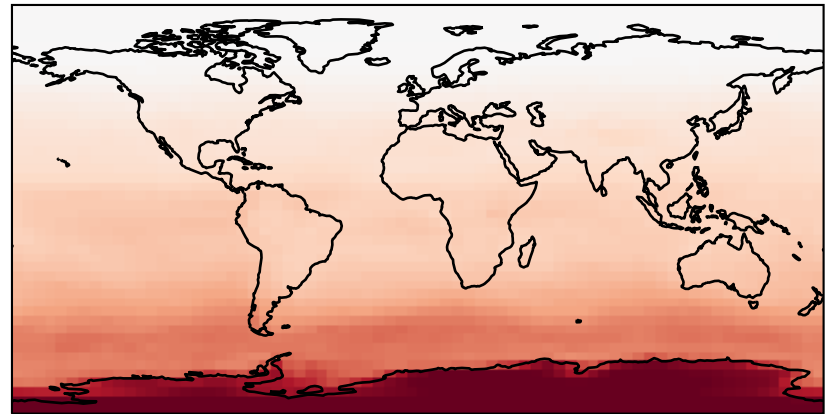
GCC\_13.0.0 (Dev)  
4.0x5.0



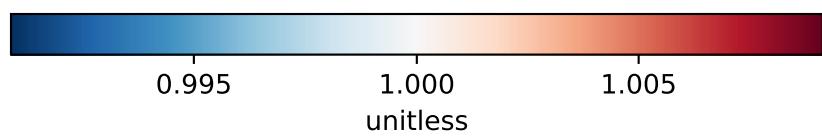
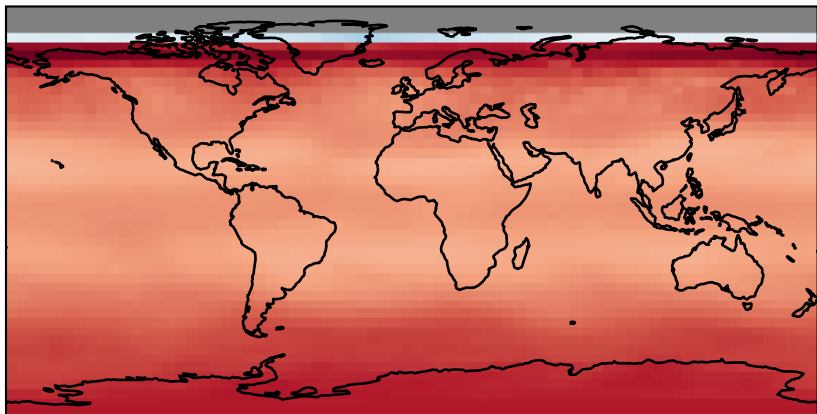
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

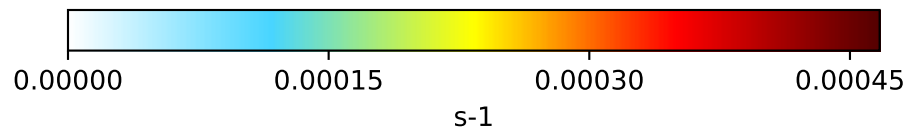
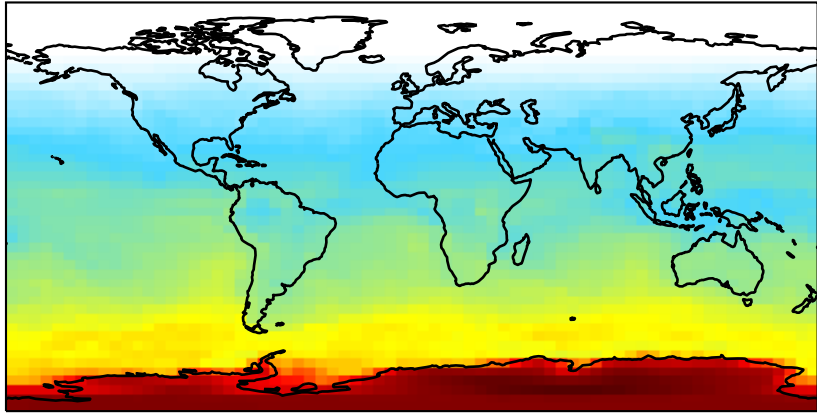


Ratio  
Dev/Ref, Fixed Range

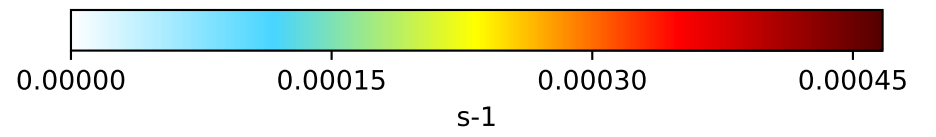
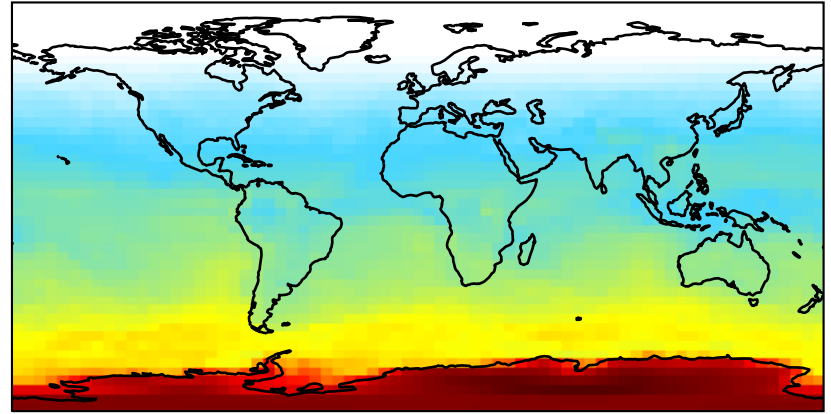


# Jval\_MVKHC (Jan2019)

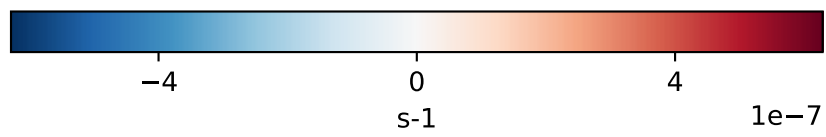
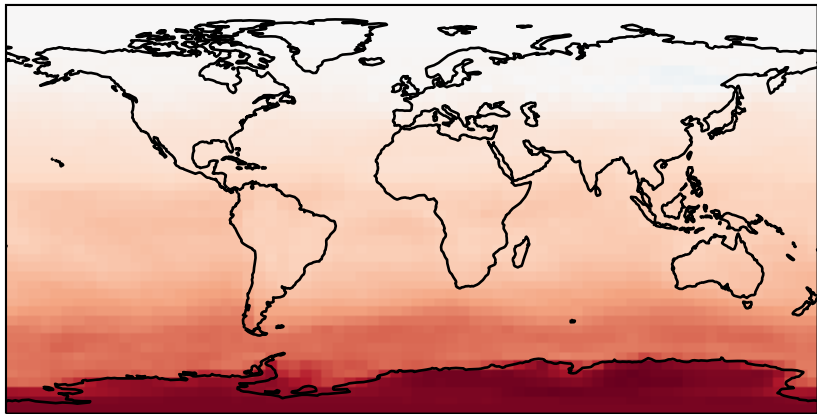
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



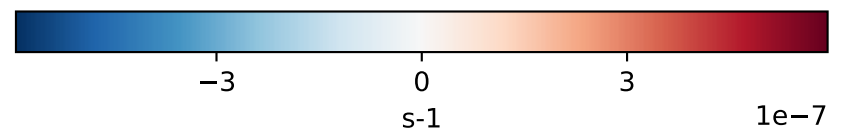
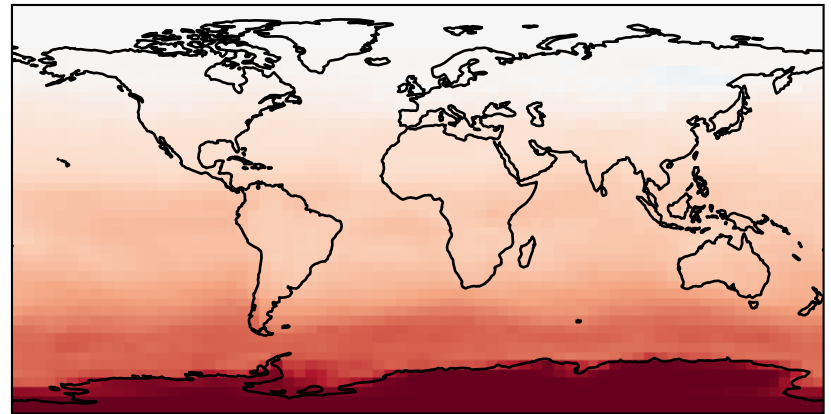
GCC\_13.0.0 (Dev)  
4.0x5.0



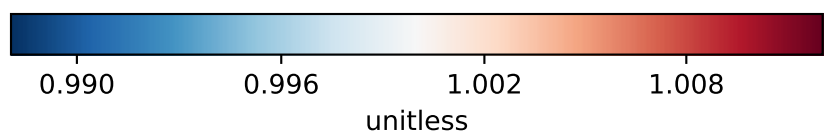
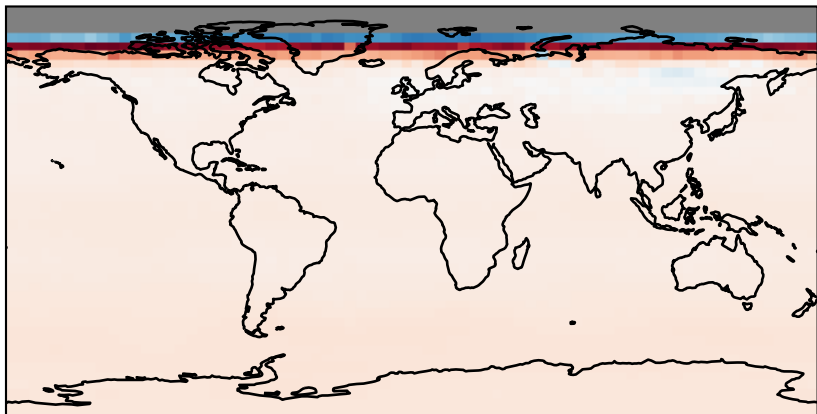
Difference  
Dev - Ref, Dynamic Range



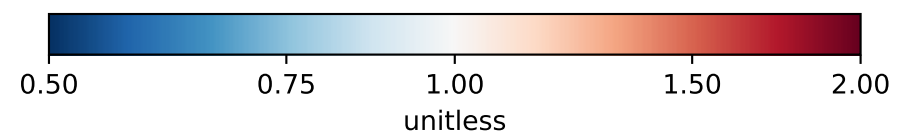
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

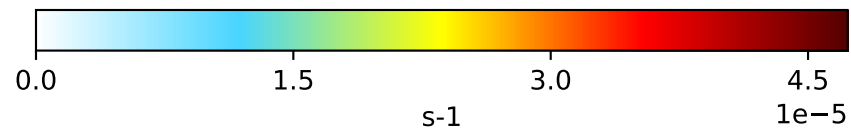
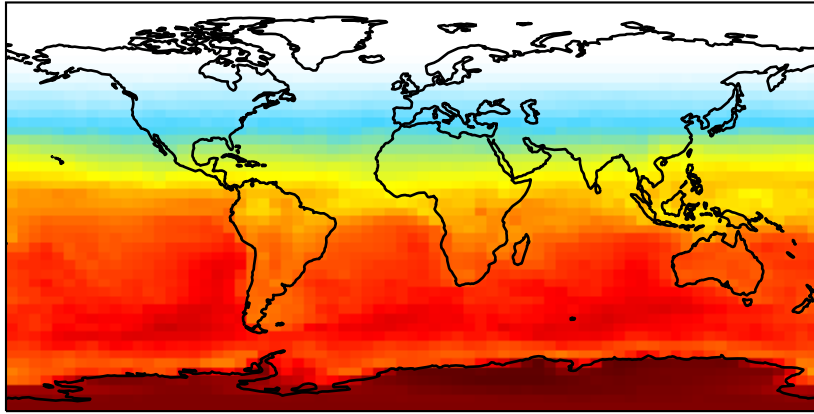


Ratio  
Dev/Ref, Fixed Range

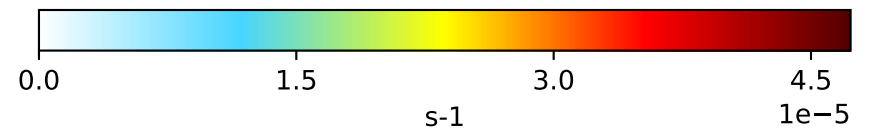
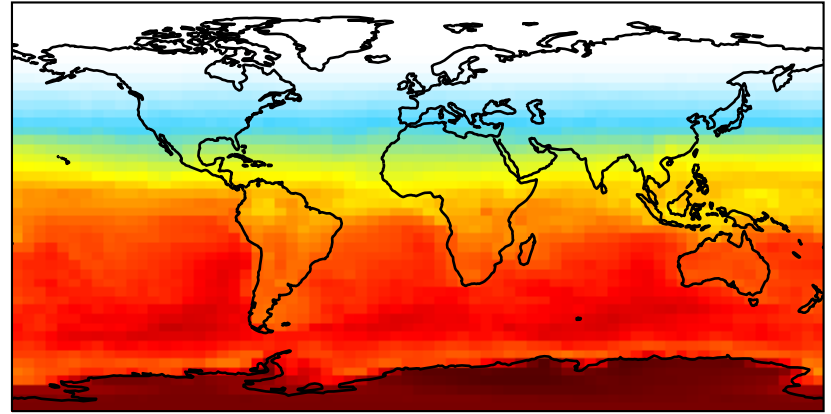


# Jval\_MVKHCB (Jan2019)

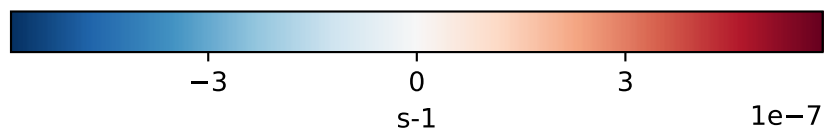
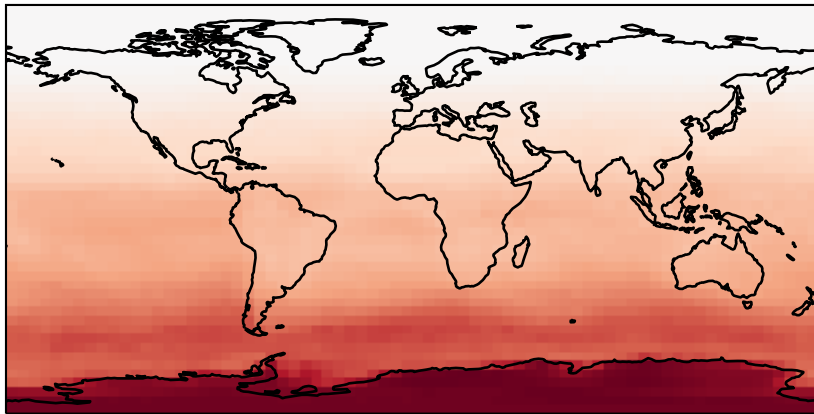
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



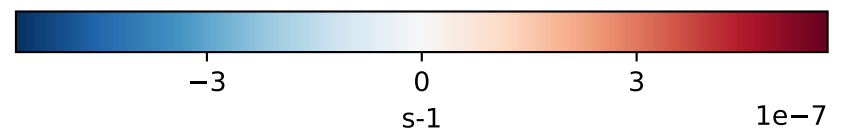
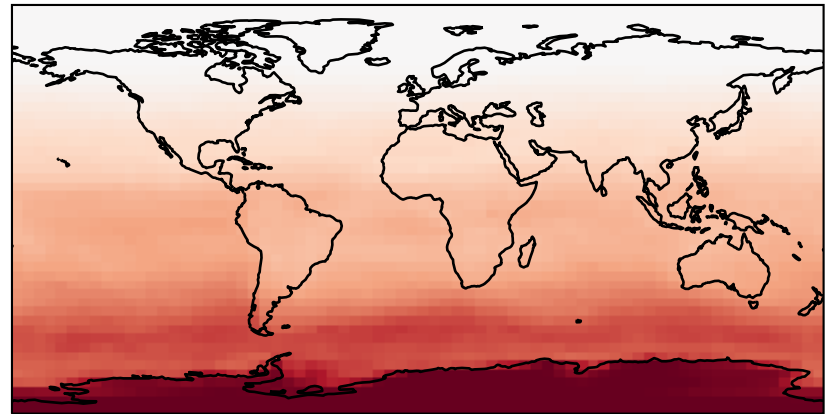
GCC\_13.0.0 (Dev)  
4.0x5.0



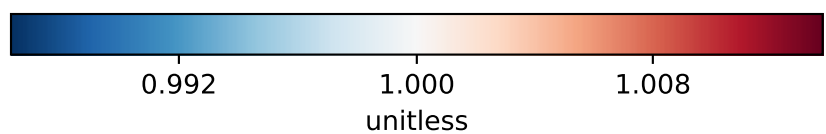
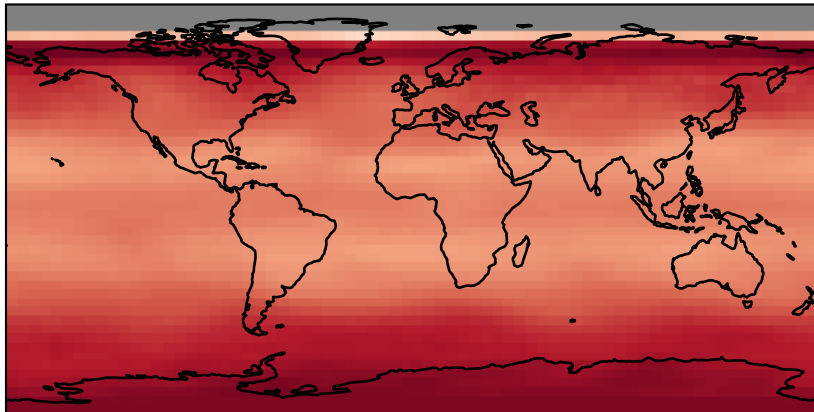
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

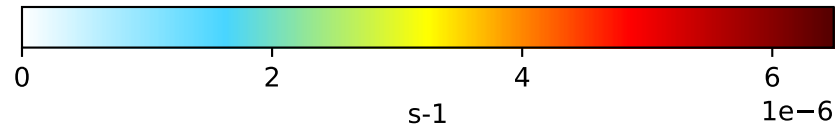
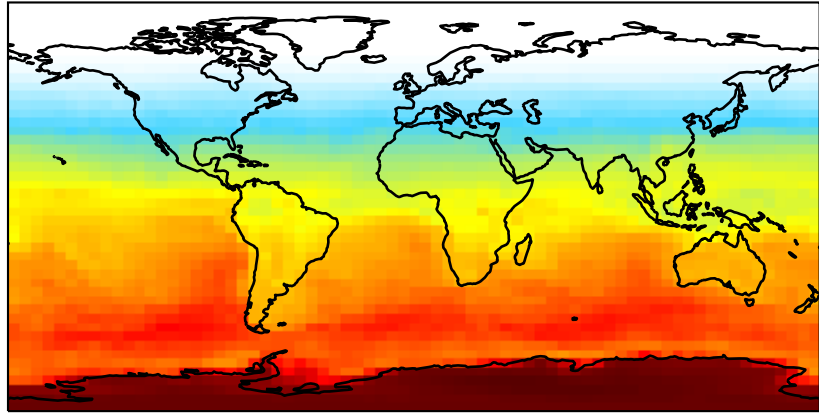


Ratio  
Dev/Ref, Fixed Range

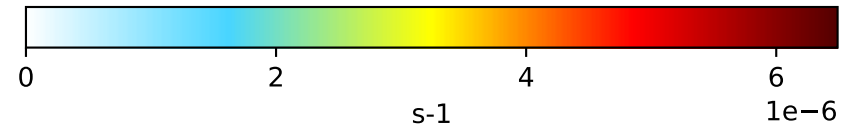
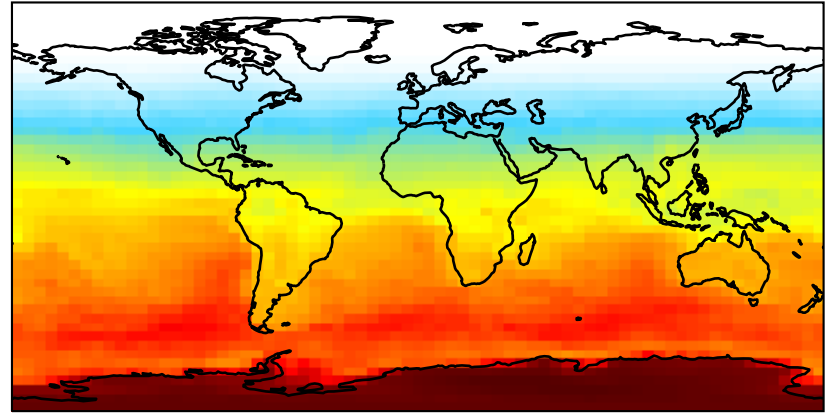


# Jval\_MVKHP (Jan2019)

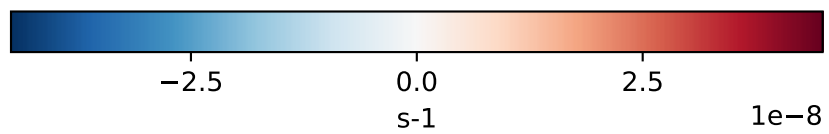
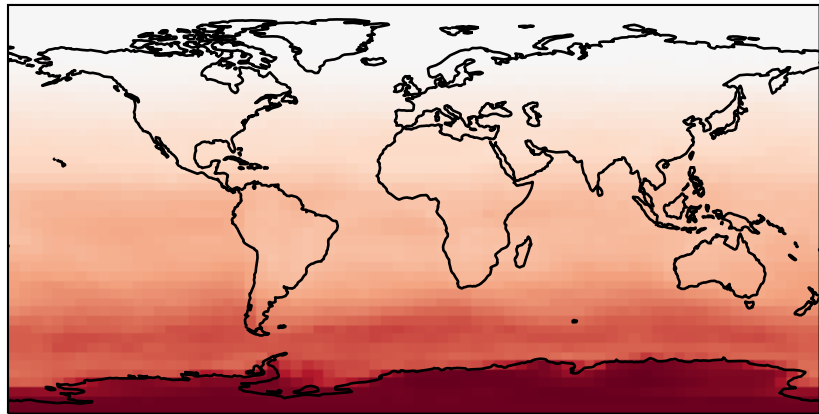
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



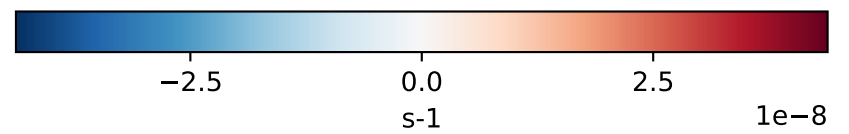
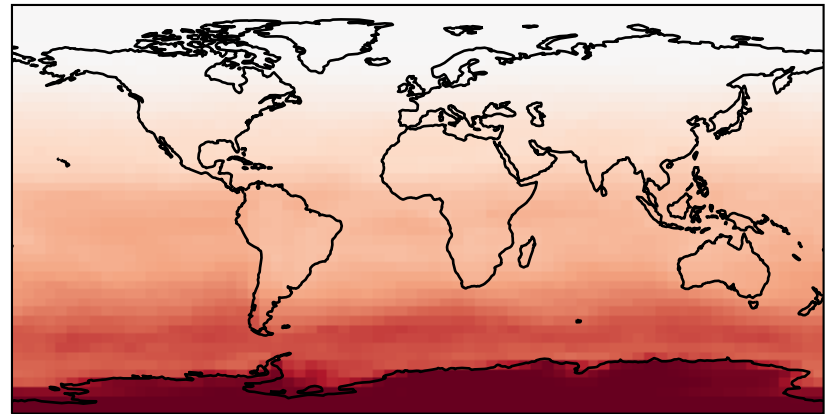
GCC\_13.0.0 (Dev)  
4.0x5.0



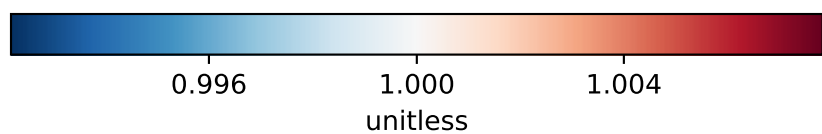
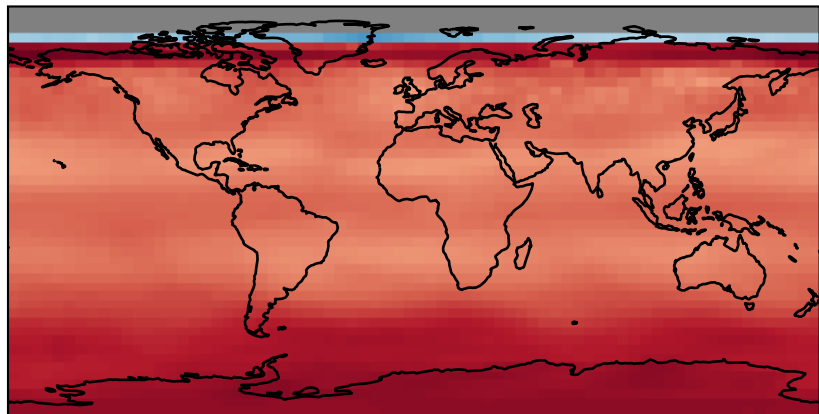
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

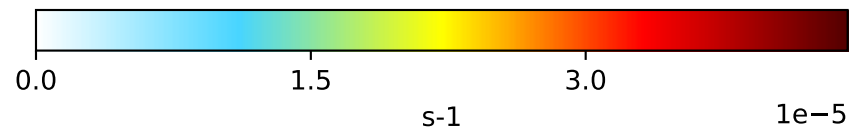
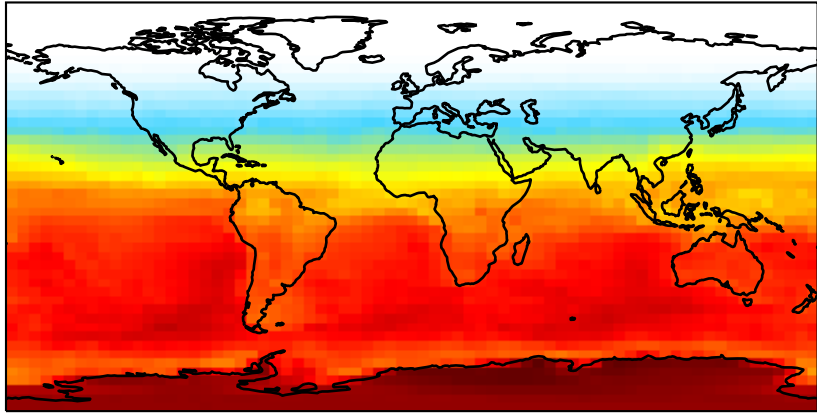


Ratio  
Dev/Ref, Fixed Range

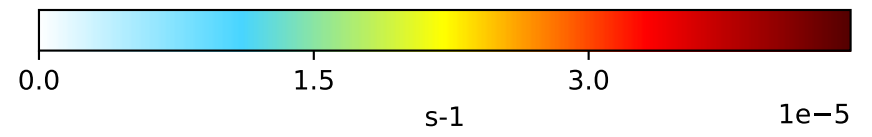
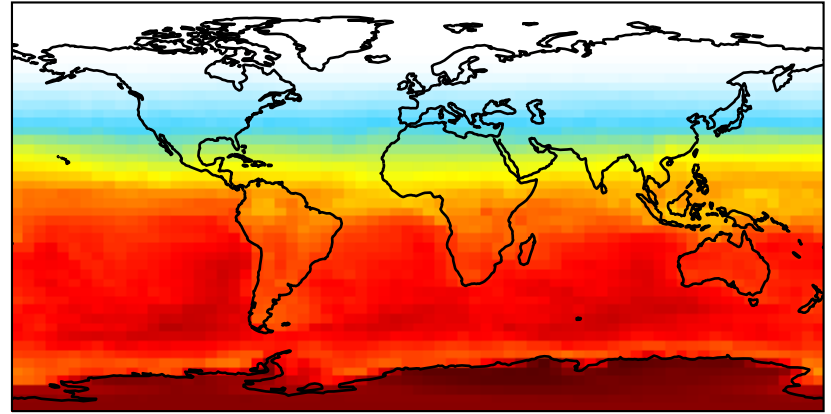


# Jval\_MVKN (Jan2019)

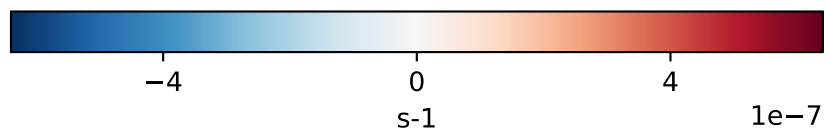
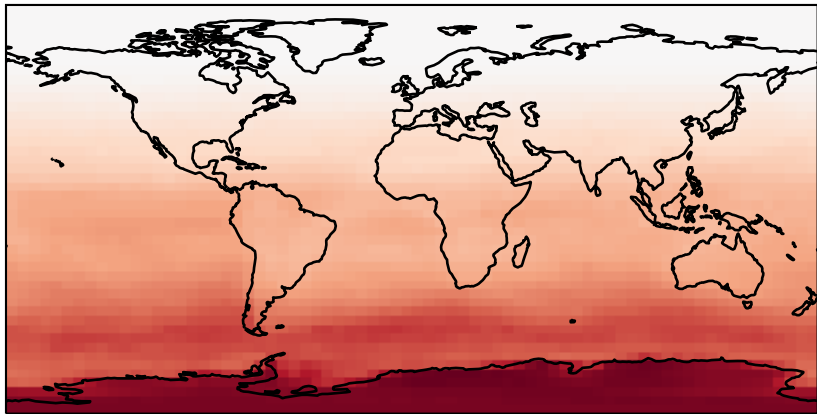
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



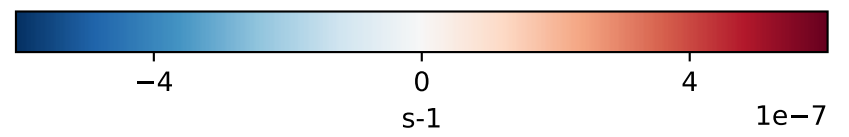
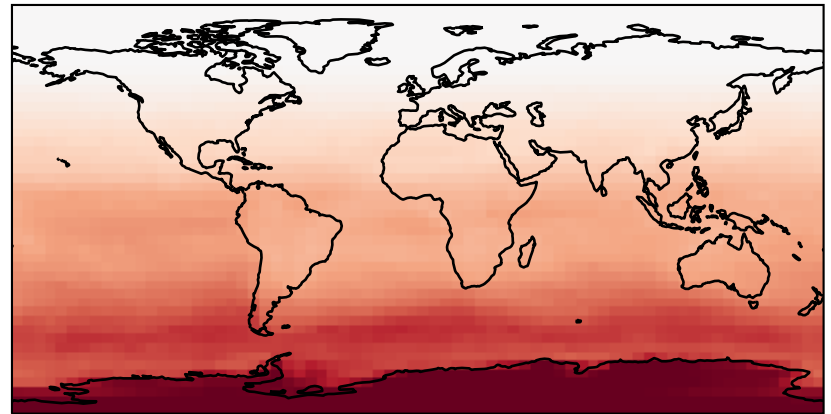
GCC\_13.0.0 (Dev)  
4.0x5.0



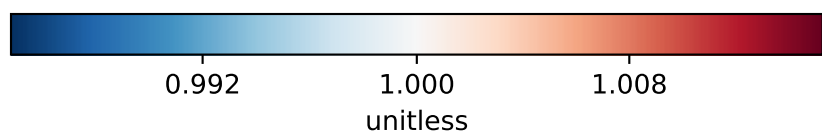
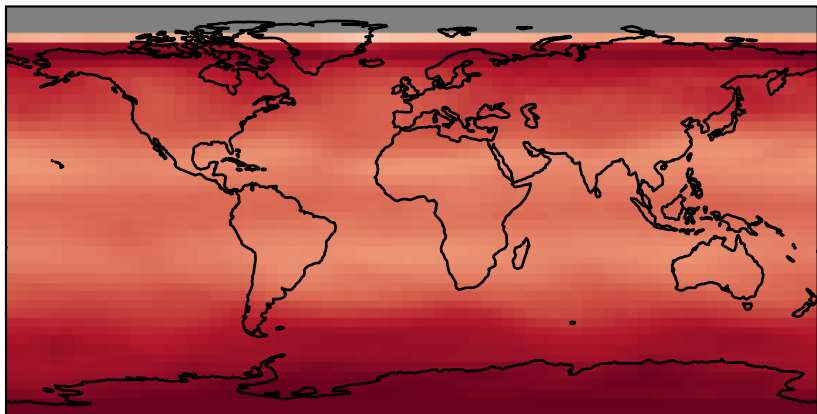
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range



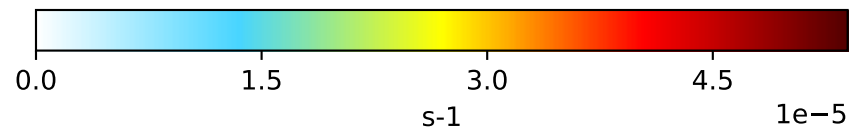
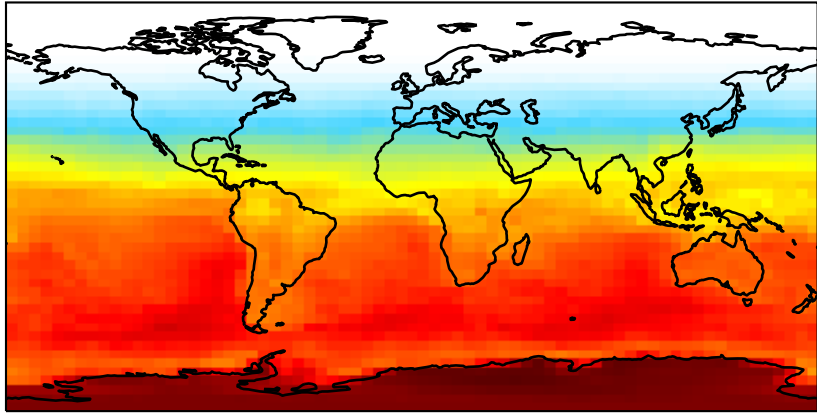
Ratio  
Dev/Ref, Fixed Range



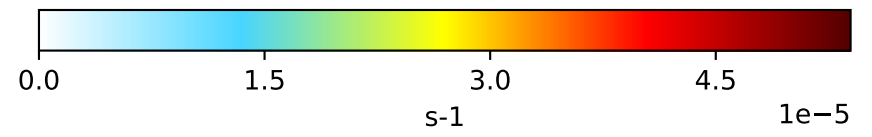
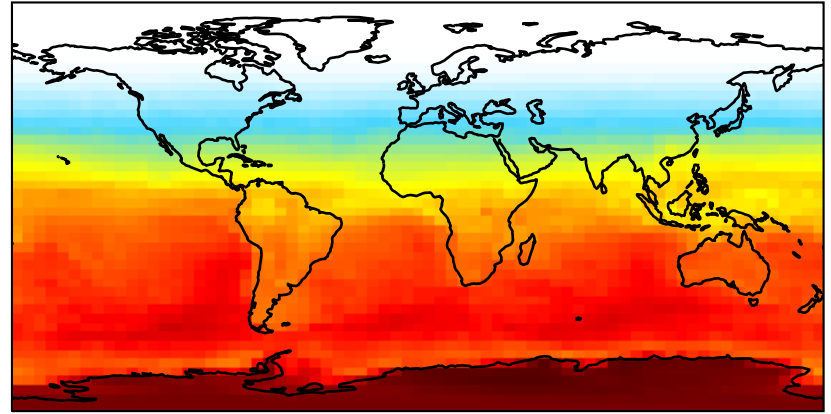


# Jval\_MVKPC (Jan2019)

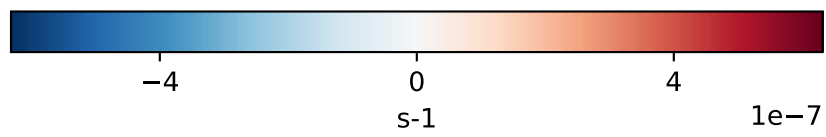
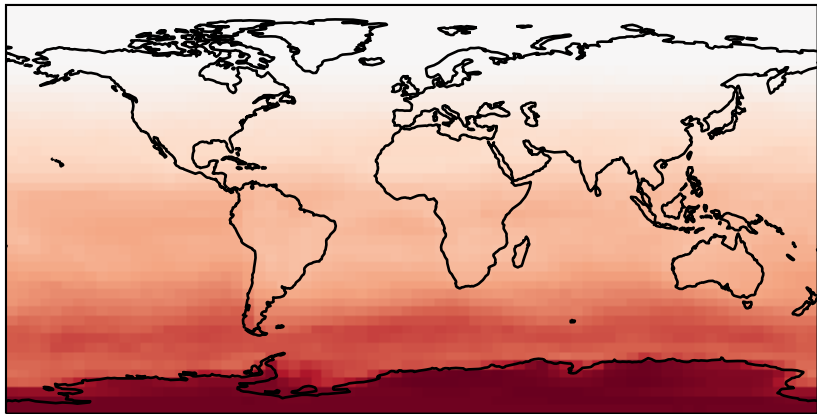
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



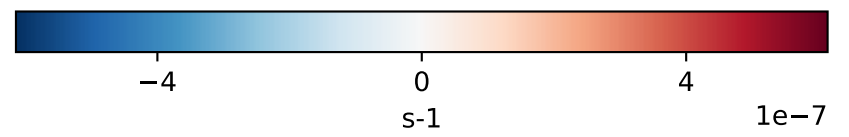
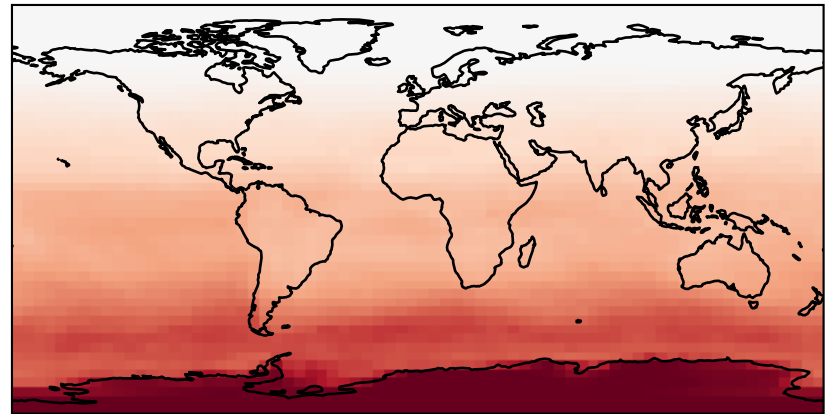
GCC\_13.0.0 (Dev)  
4.0x5.0



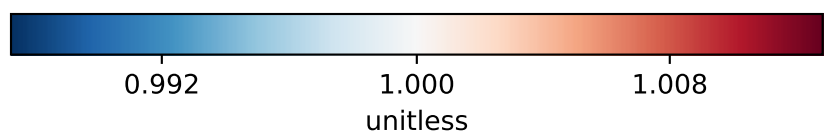
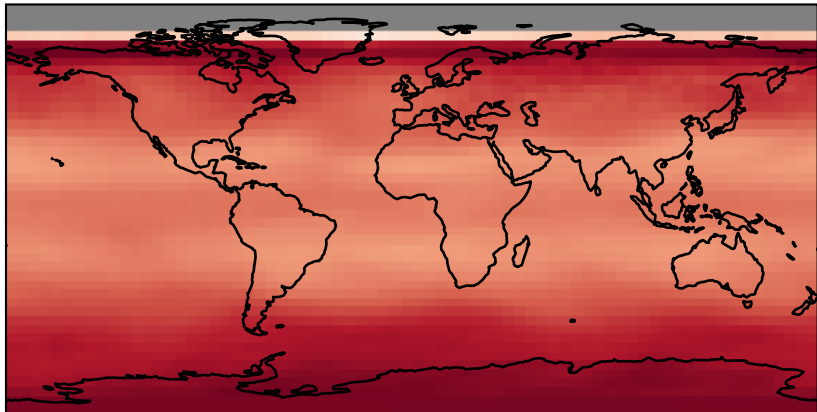
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

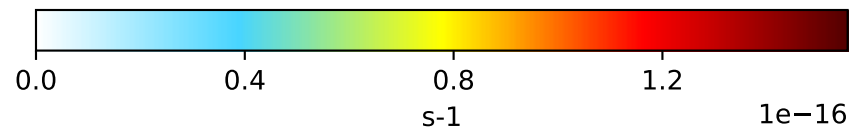
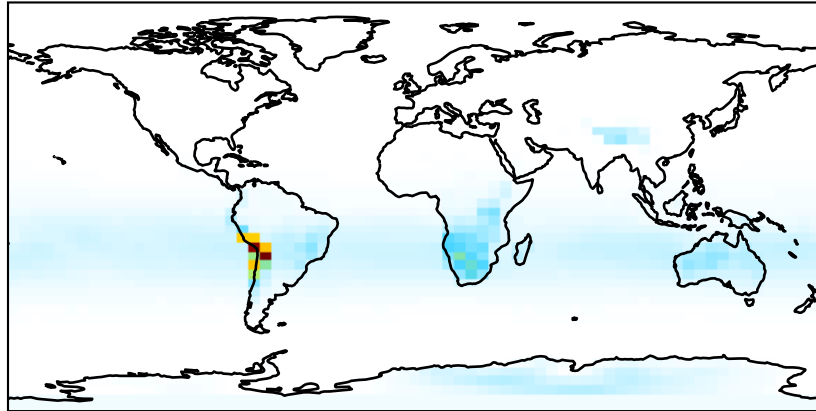


Ratio  
Dev/Ref, Fixed Range

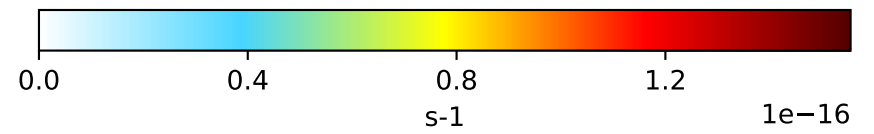
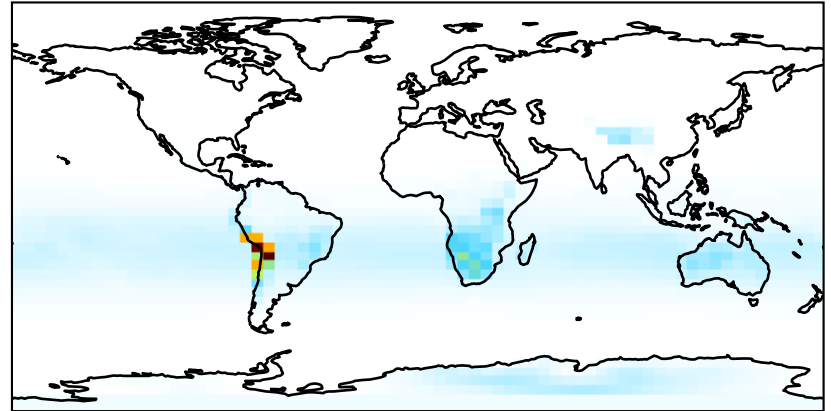


# Jval\_N2O (Jan2019)

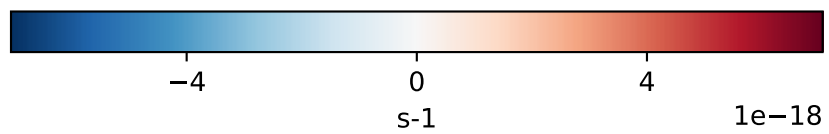
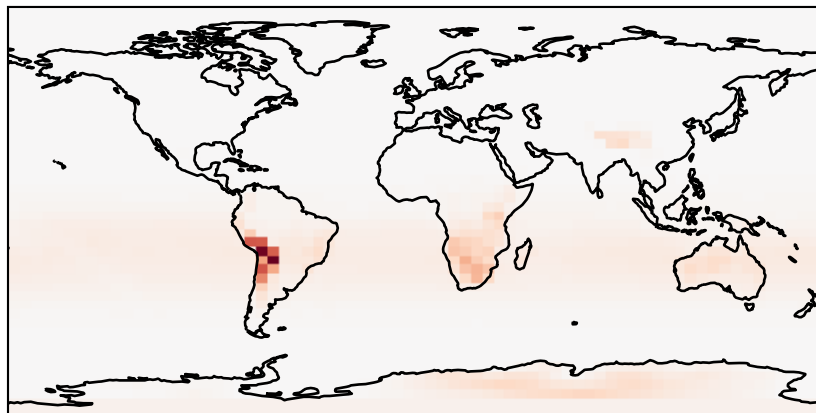
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



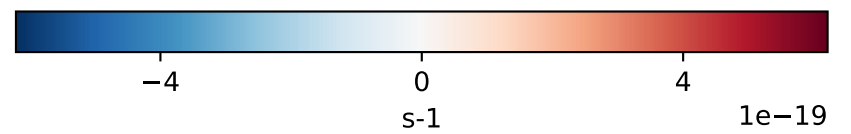
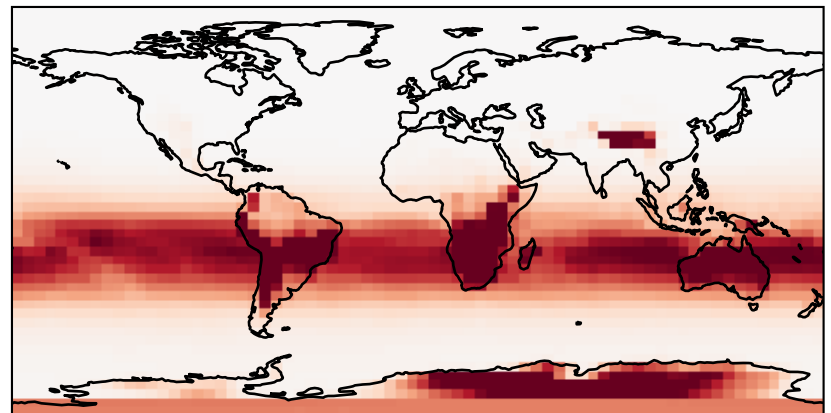
GCC\_13.0.0 (Dev)  
4.0x5.0



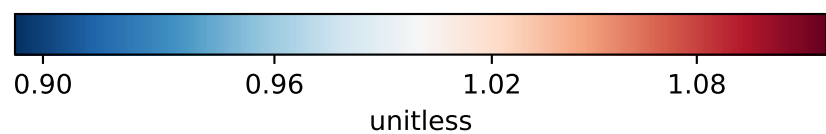
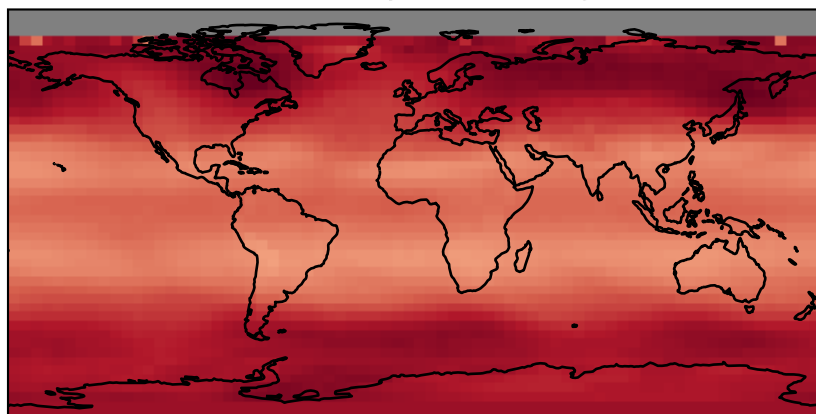
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

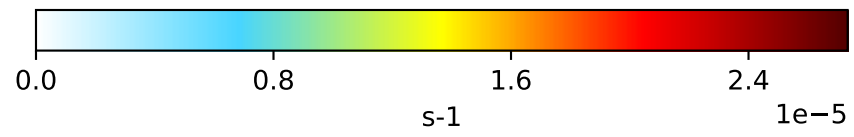
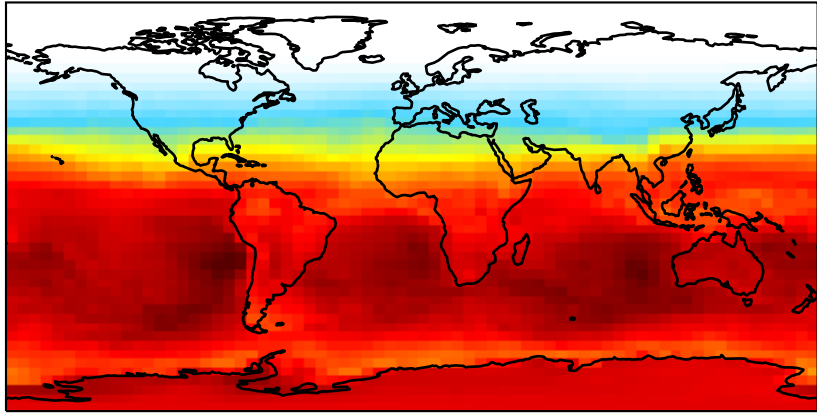


Ratio  
Dev/Ref, Fixed Range

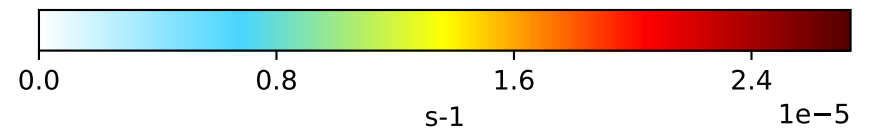
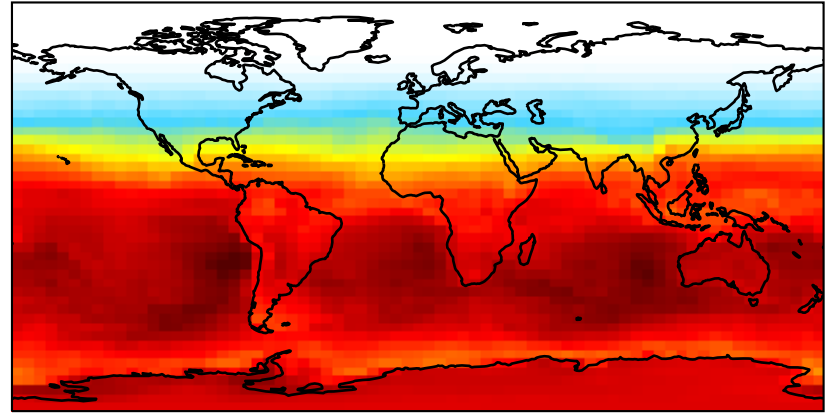


# Jval\_N2O5 (Jan2019)

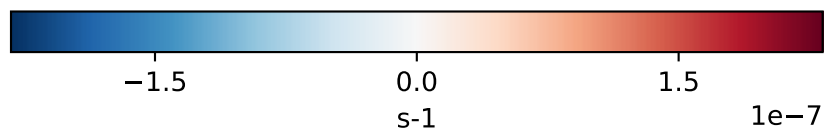
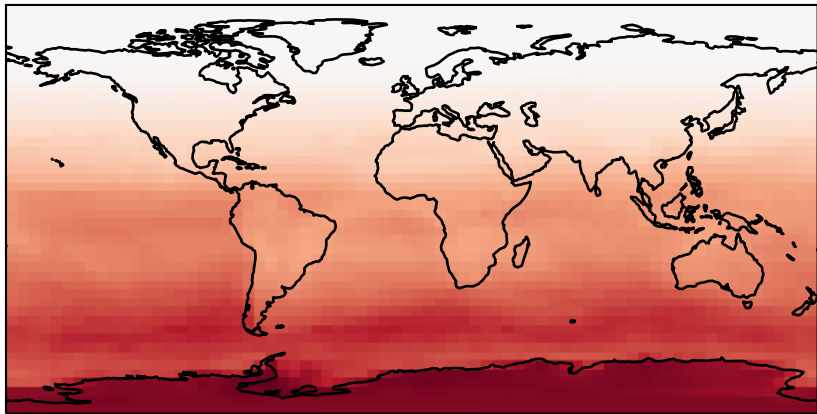
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



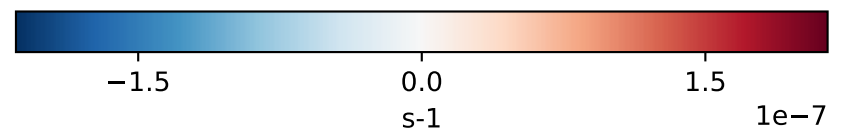
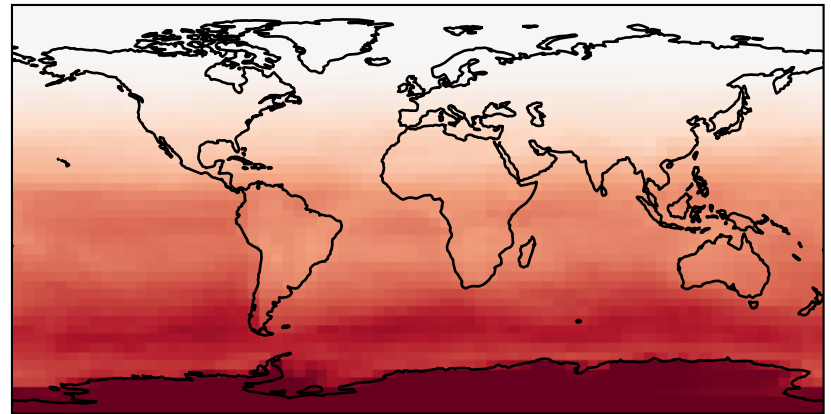
GCC\_13.0.0 (Dev)  
4.0x5.0



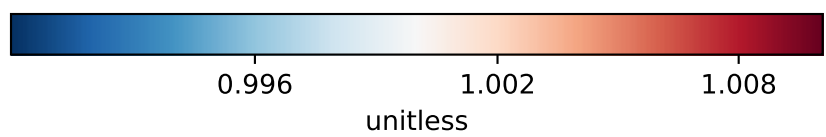
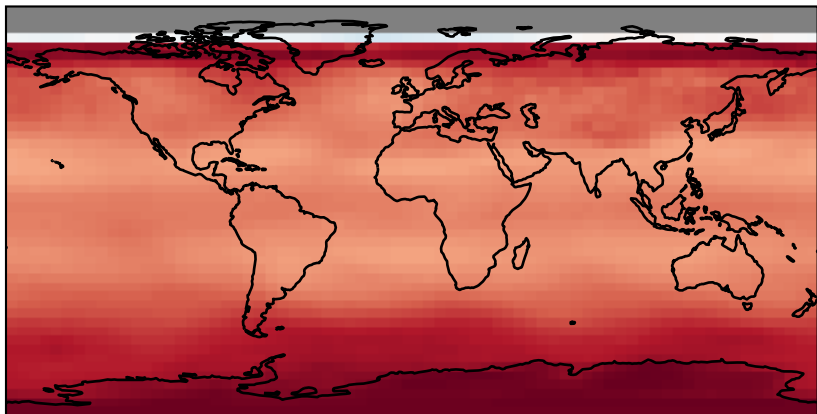
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range



Ratio  
Dev/Ref, Fixed Range



# Jval\_NIT (Jan2019)

GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



Zero throughput domain  
s-1

GCC\_13.0.0 (Dev)  
4.0x5.0



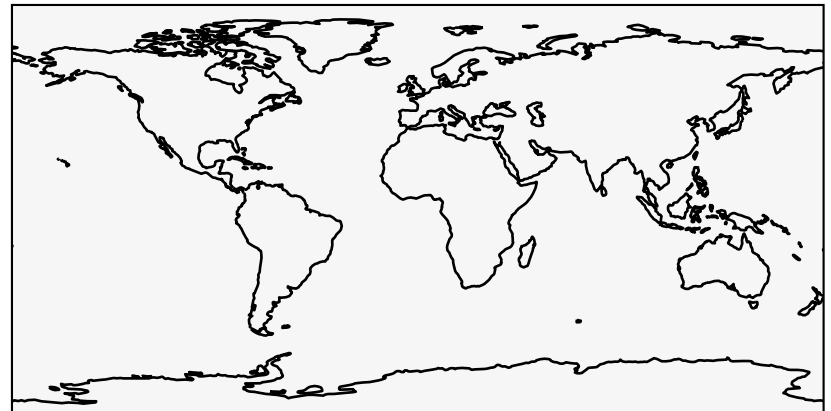
Zero throughput domain  
s-1

Difference  
Dev - Ref, Dynamic Range



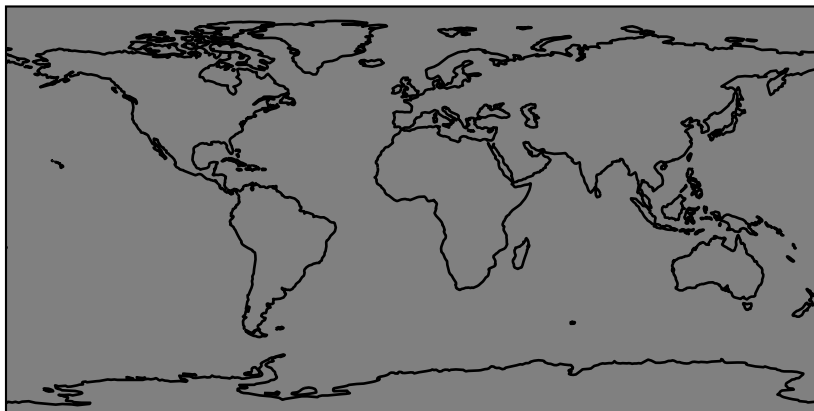
Zero throughput domain  
s-1

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



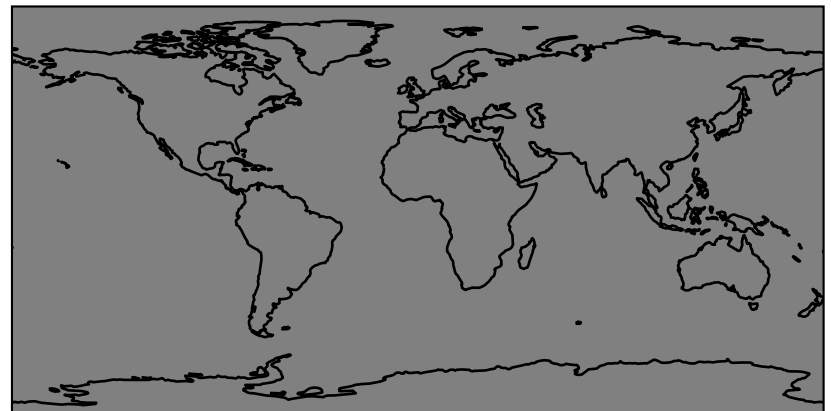
Zero throughput domain  
s-1

Ratio  
Dev/Ref, Dynamic Range



Undefined throughput domain  
unitless

Ratio  
Dev/Ref, Fixed Range



Undefined throughput domain  
unitless

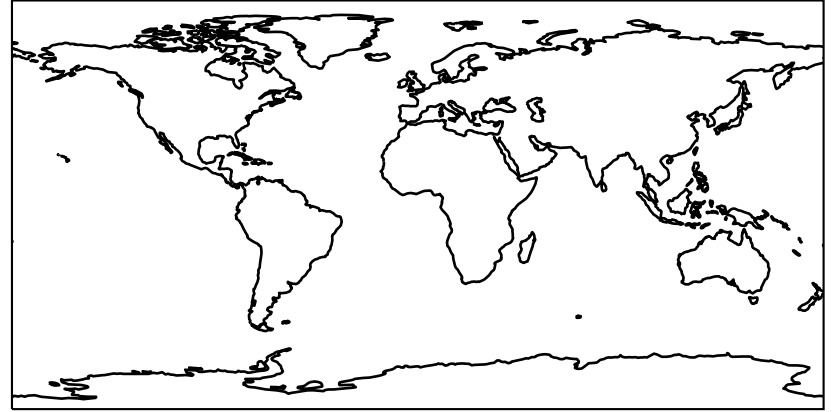
# Jval\_NITs (Jan2019)

GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



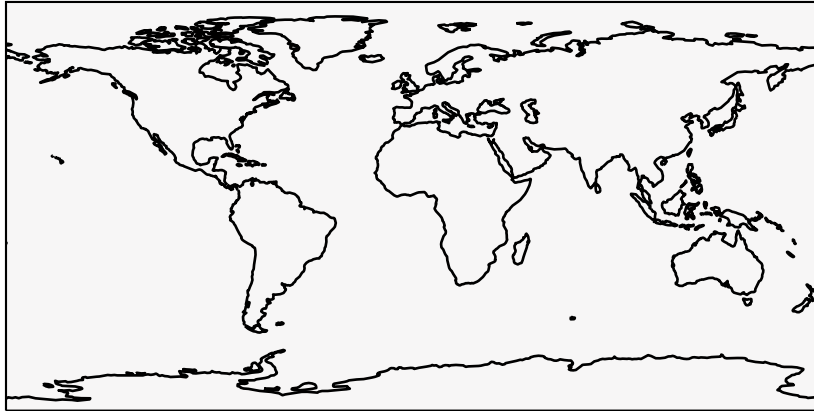
Zero throughout domain  
s-1

GCC\_13.0.0 (Dev)  
4.0x5.0



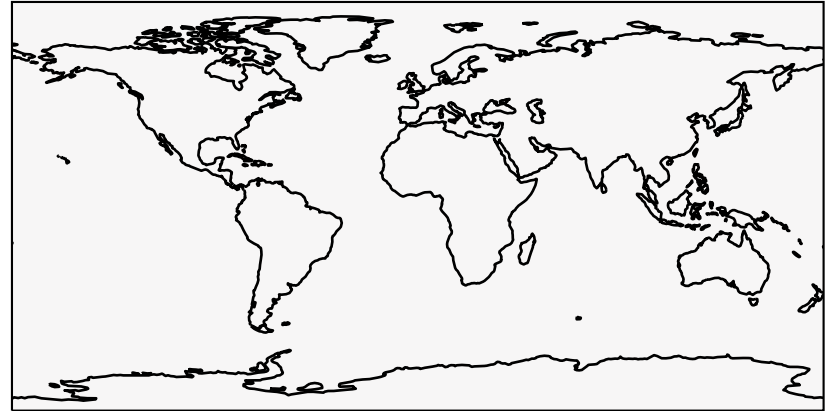
Zero throughout domain  
s-1

Difference  
Dev - Ref, Dynamic Range



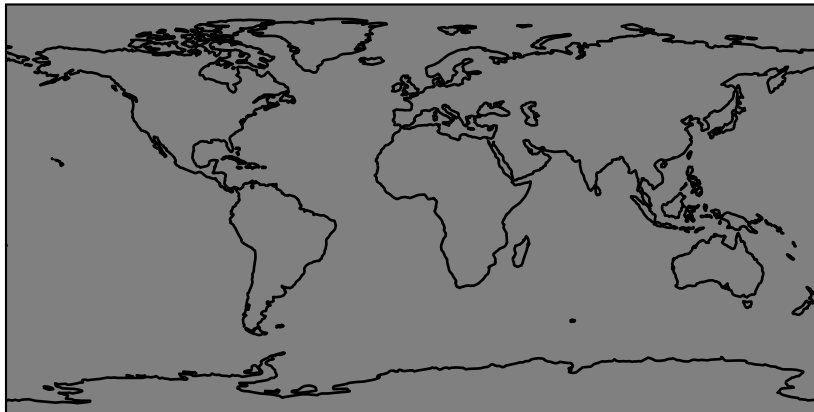
Zero throughout domain  
s-1

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



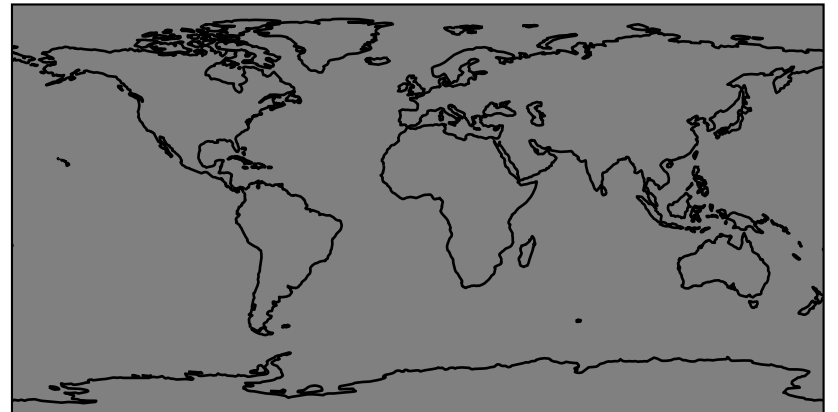
Zero throughout domain  
s-1

Ratio  
Dev/Ref, Dynamic Range



Undefined throughout domain  
unitless

Ratio  
Dev/Ref, Fixed Range

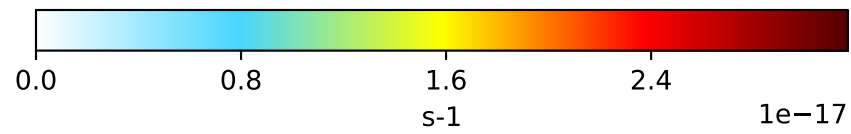
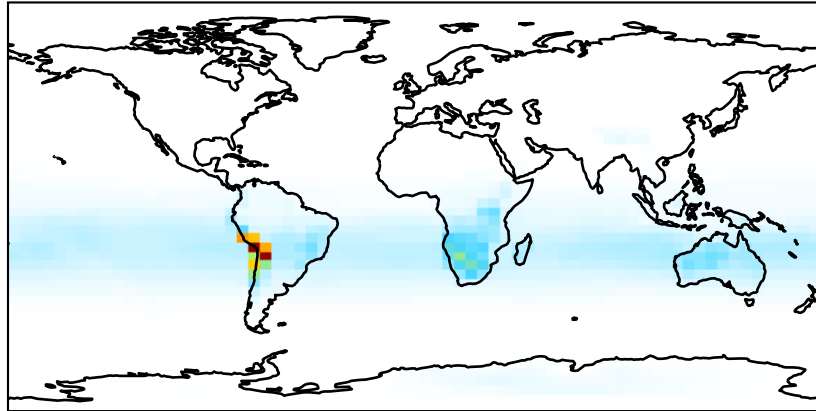


Undefined throughout domain  
unitless

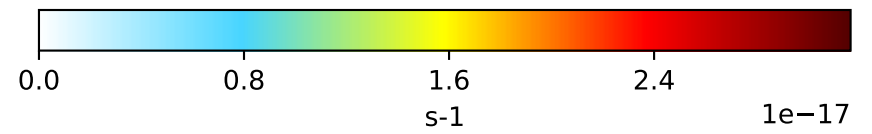
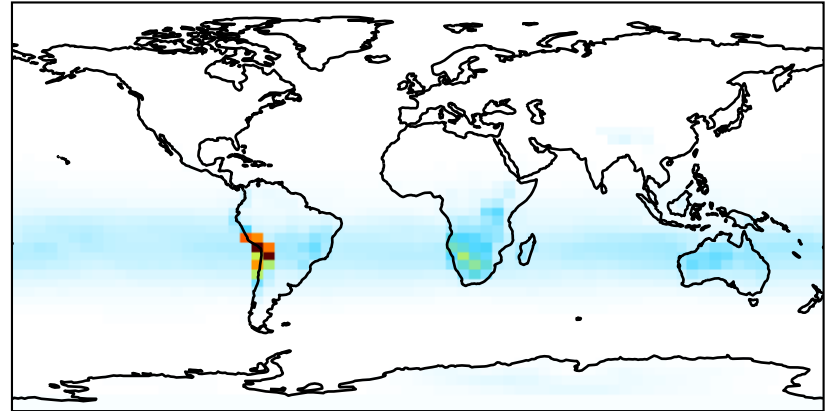


# Jval\_NO (Jan2019)

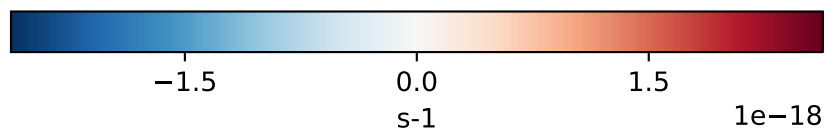
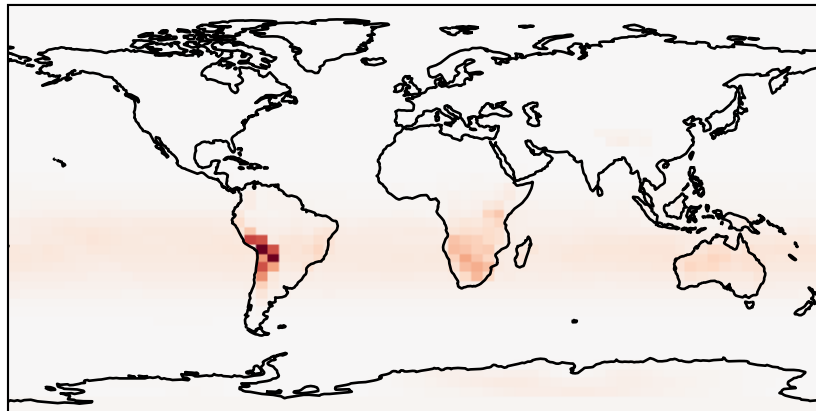
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



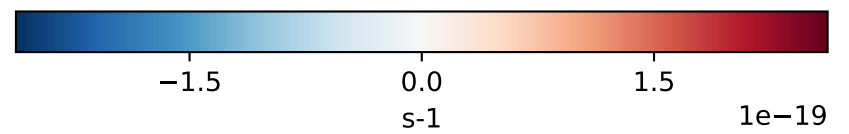
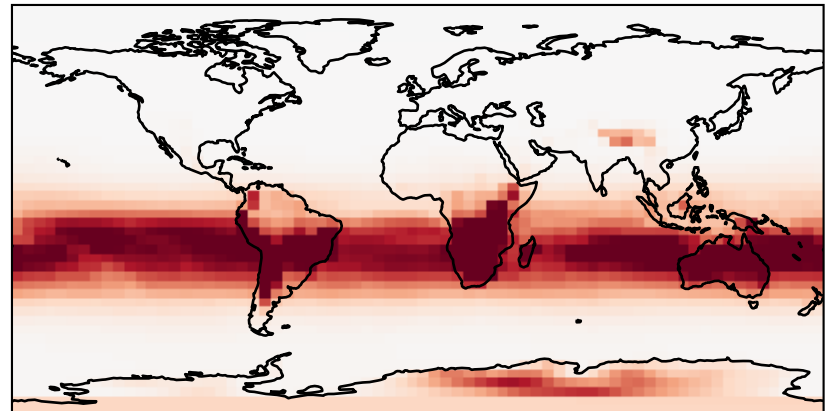
GCC\_13.0.0 (Dev)  
4.0x5.0



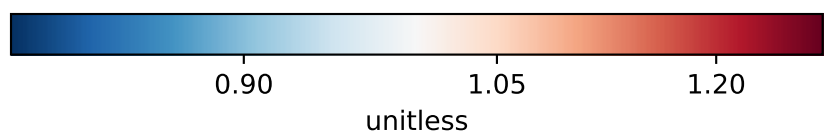
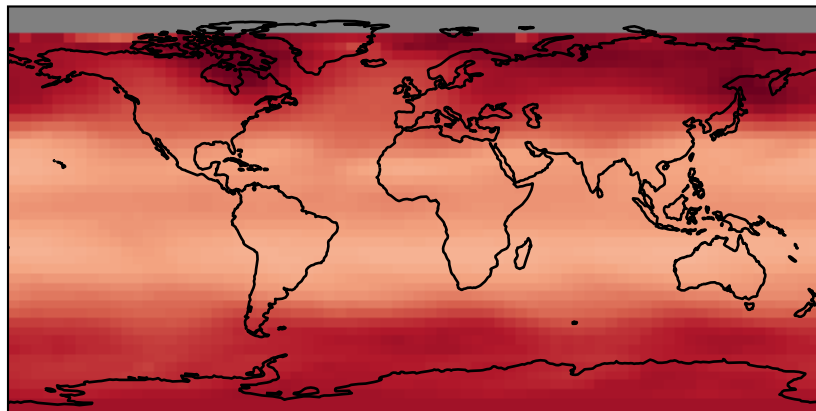
Difference  
Dev - Ref, Dynamic Range



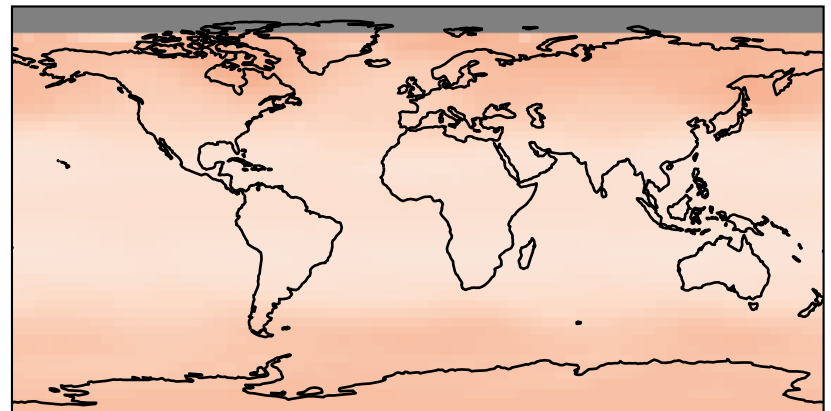
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

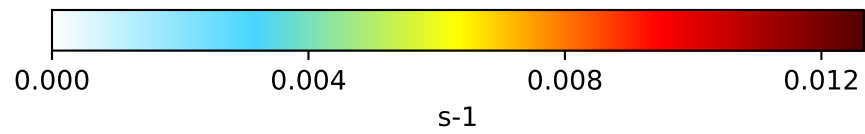
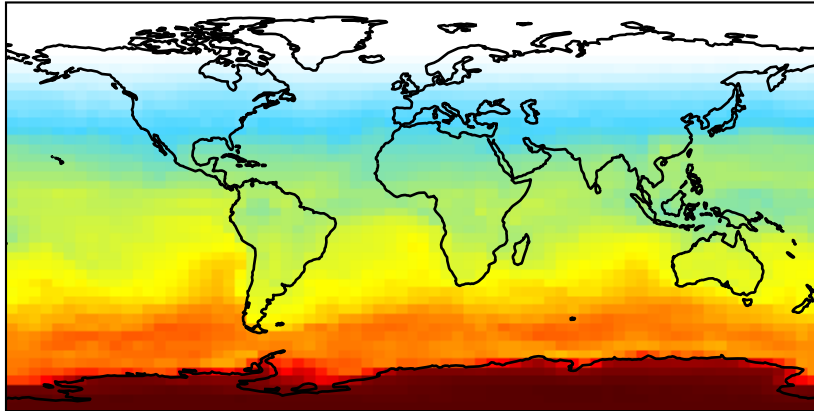


Ratio  
Dev/Ref, Fixed Range

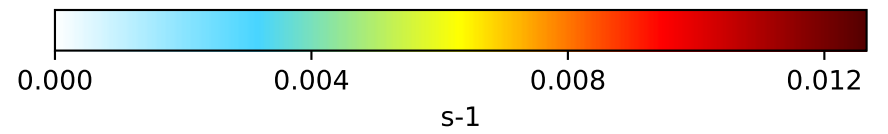
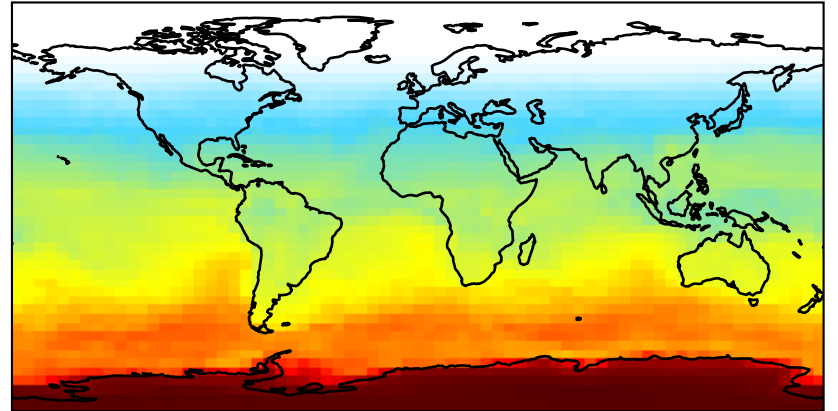


# Jval\_NO2 (Jan2019)

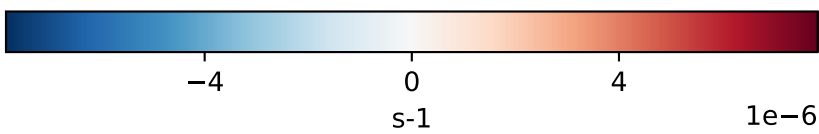
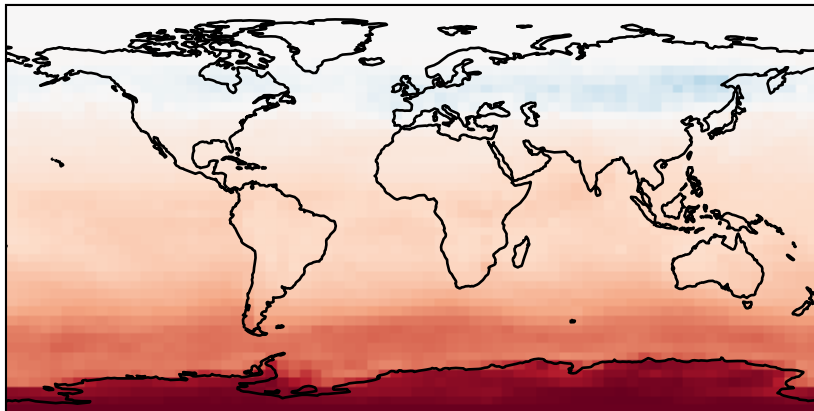
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



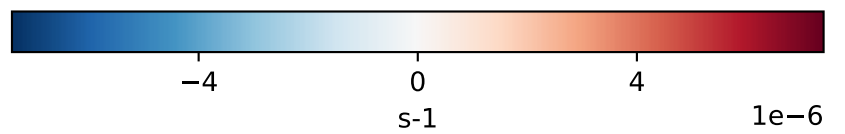
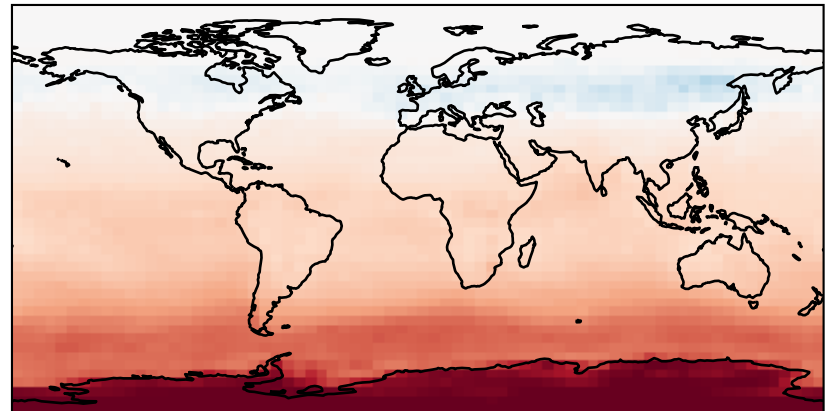
GCC\_13.0.0 (Dev)  
4.0x5.0



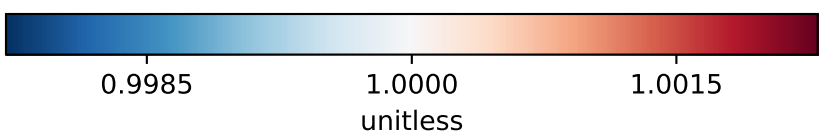
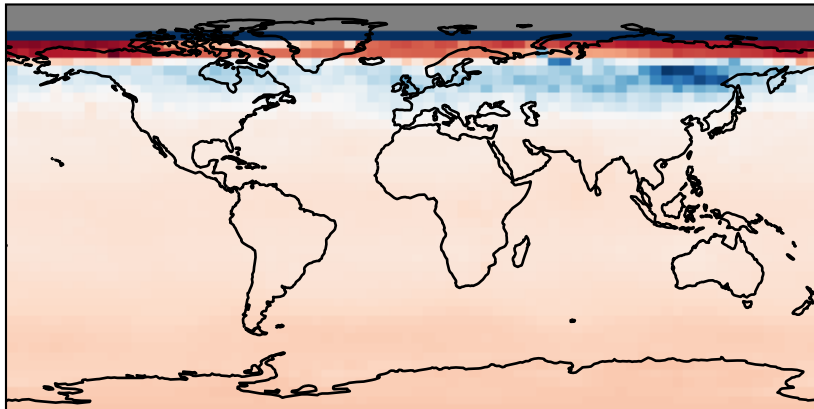
Difference  
Dev - Ref, Dynamic Range



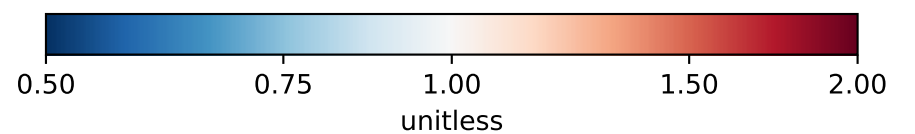
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

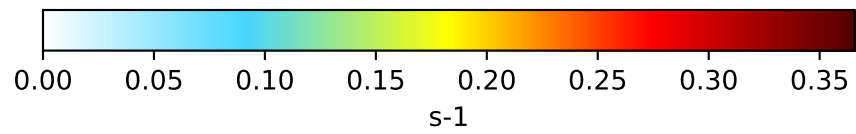
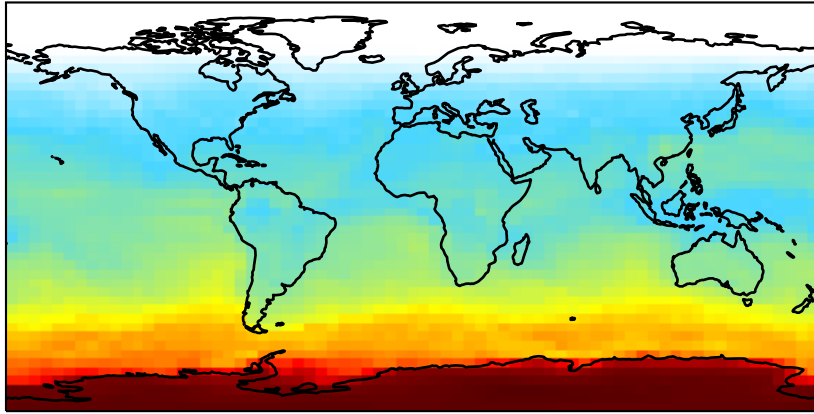


Ratio  
Dev/Ref, Fixed Range

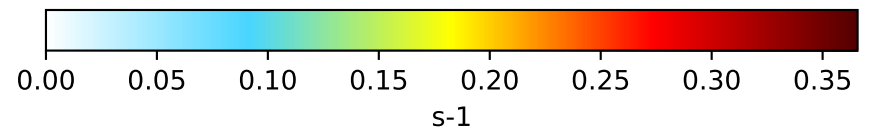
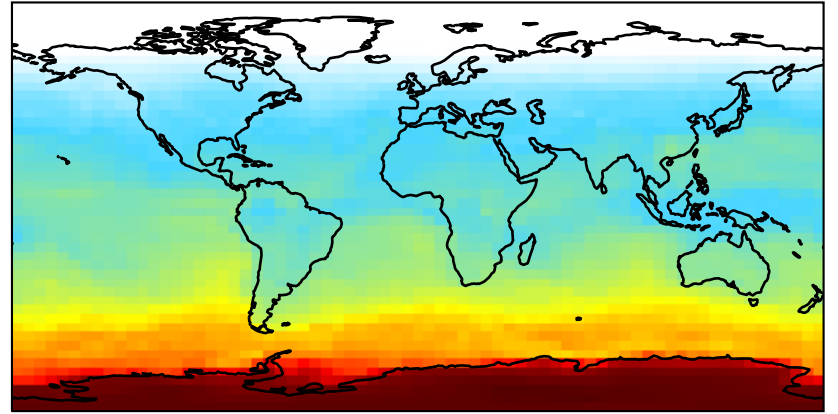


# Jval\_NO3 (Jan2019)

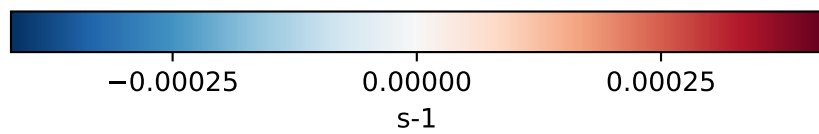
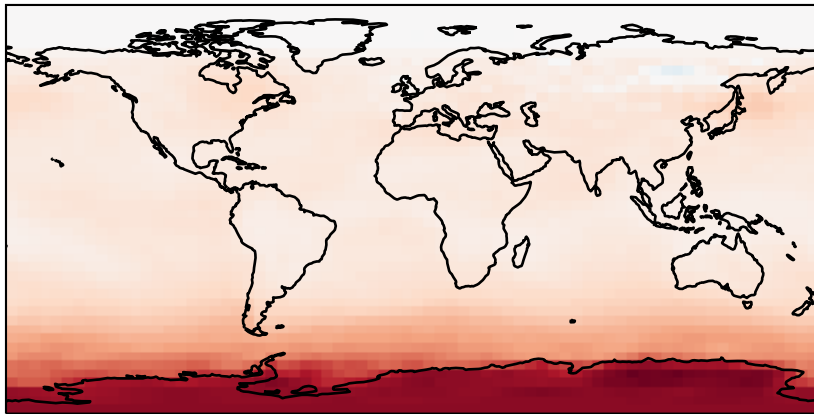
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



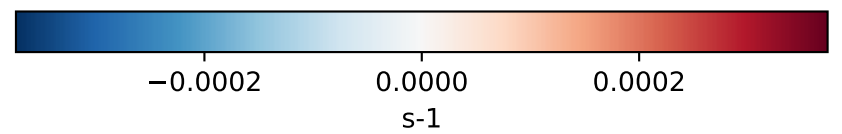
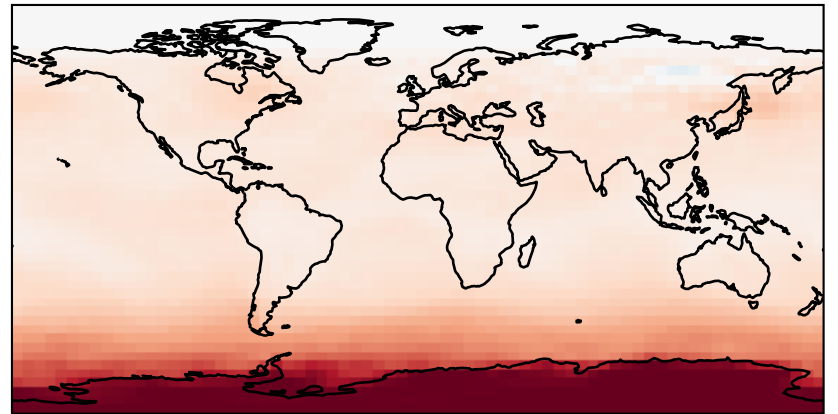
GCC\_13.0.0 (Dev)  
4.0x5.0



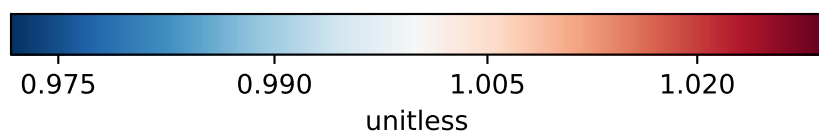
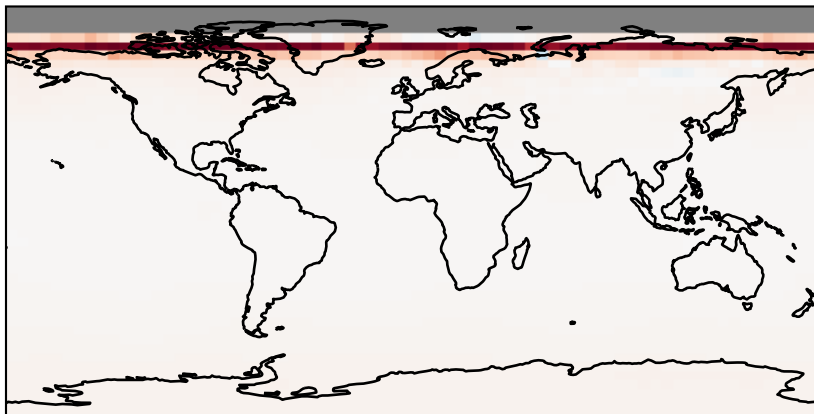
Difference  
Dev - Ref, Dynamic Range



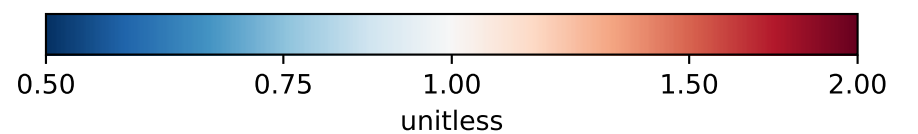
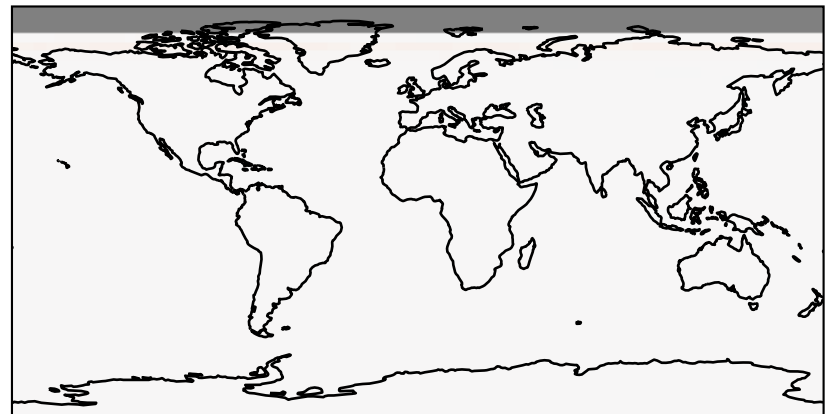
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

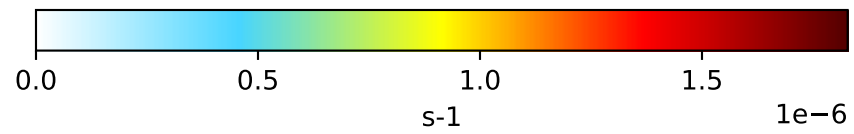
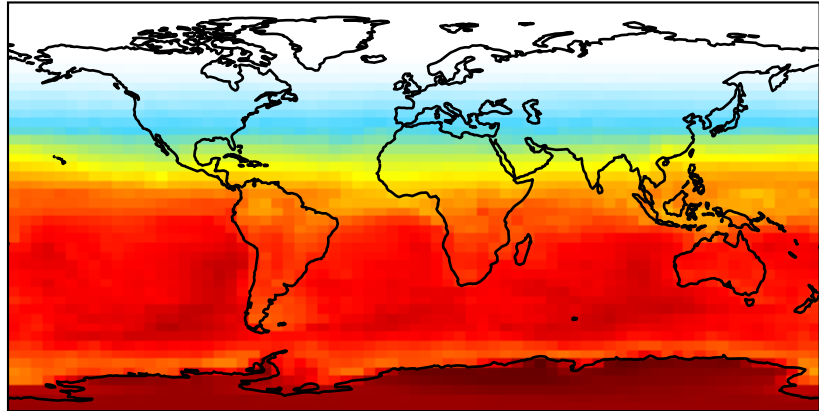


Ratio  
Dev/Ref, Fixed Range

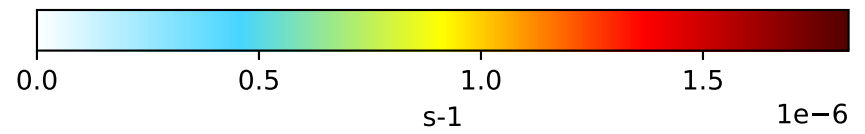
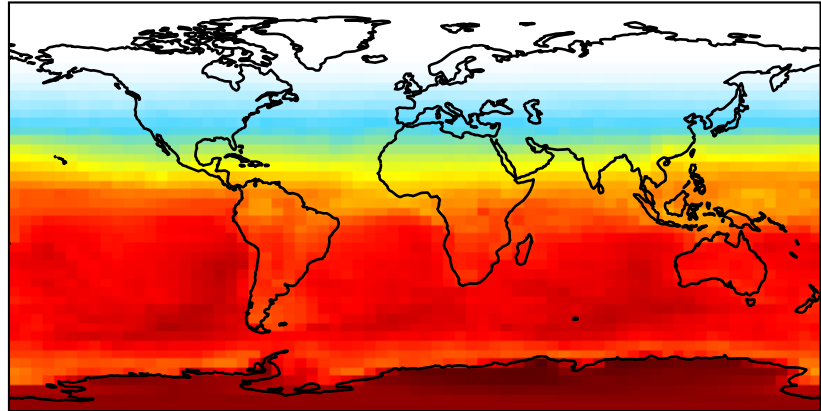


# Jval\_NPRNO3 (Jan2019)

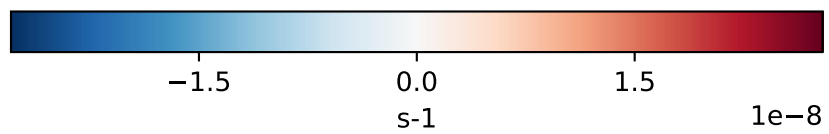
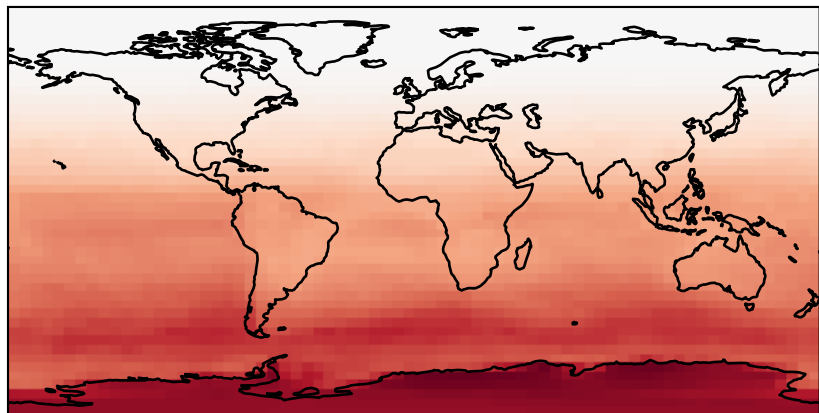
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



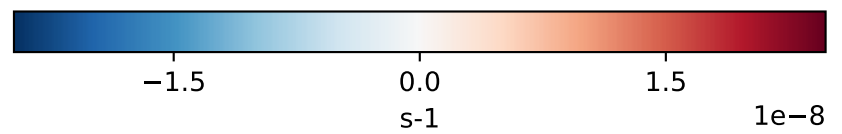
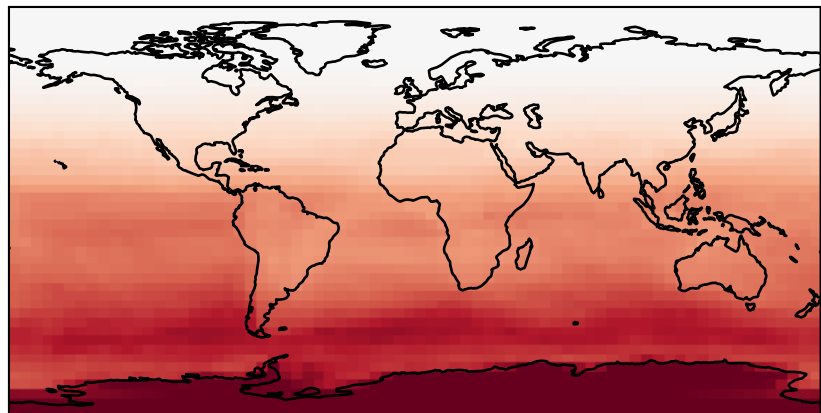
GCC\_13.0.0 (Dev)  
4.0x5.0



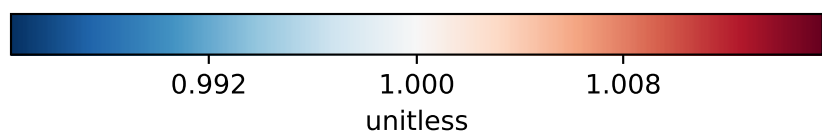
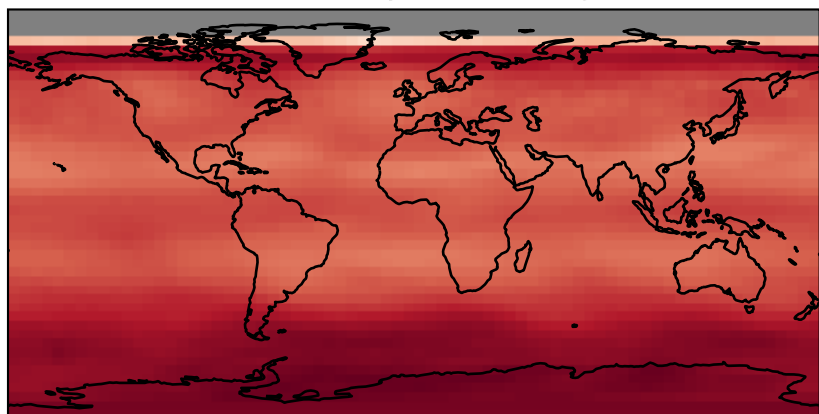
Difference  
Dev - Ref, Dynamic Range



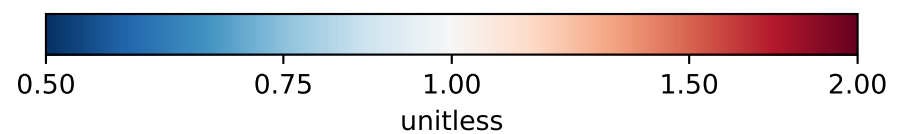
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

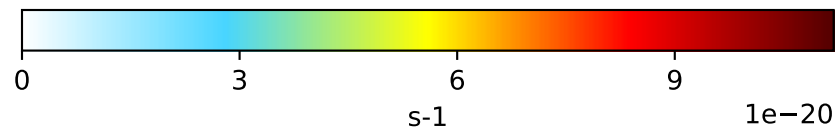
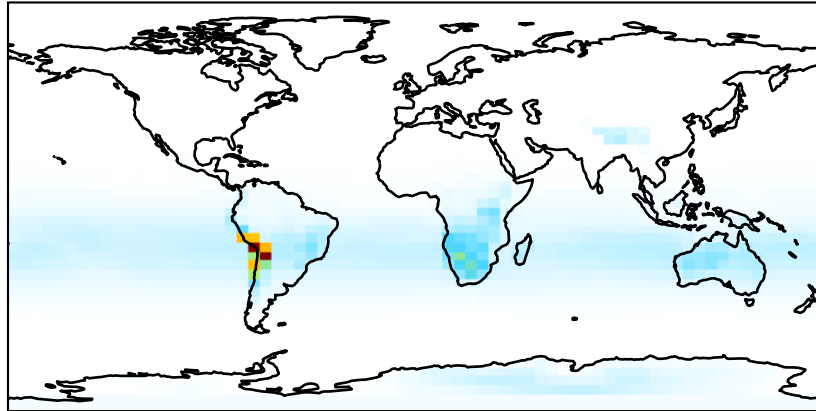


Ratio  
Dev/Ref, Fixed Range

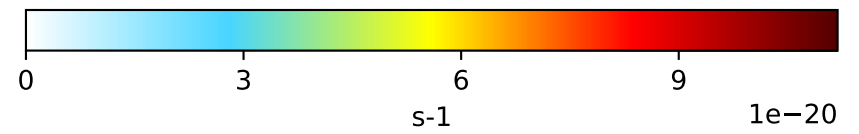
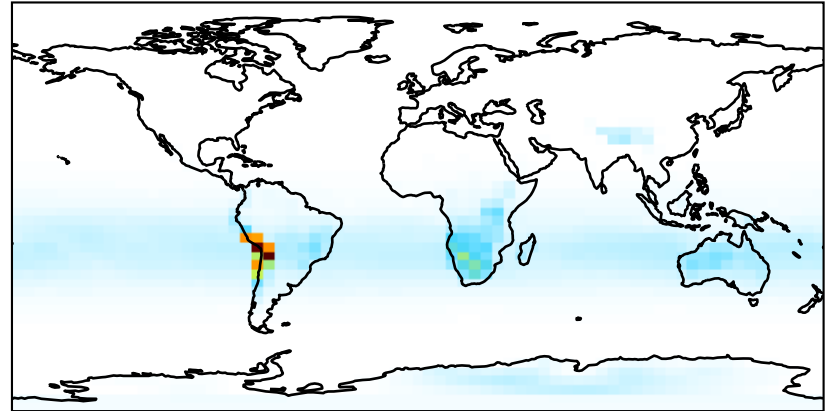


# Jval\_O2 (Jan2019)

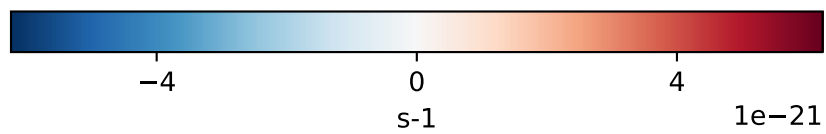
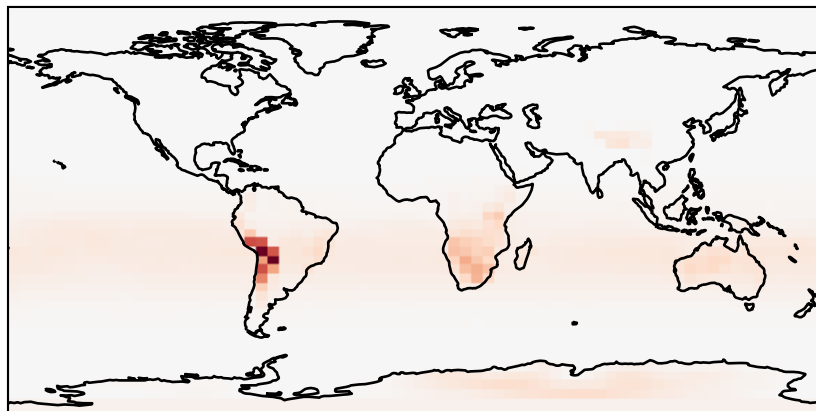
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



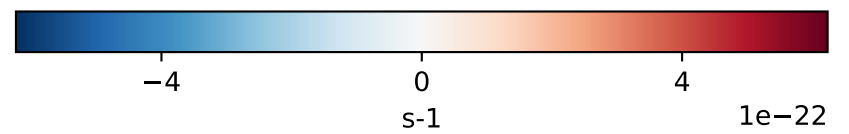
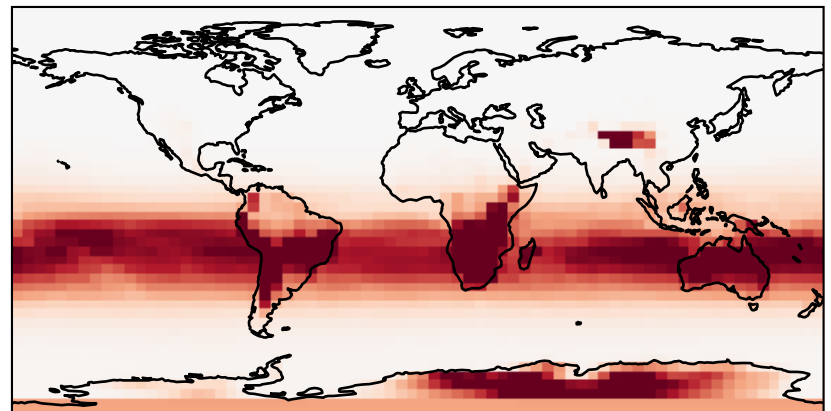
GCC\_13.0.0 (Dev)  
4.0x5.0



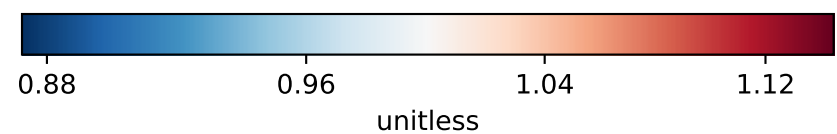
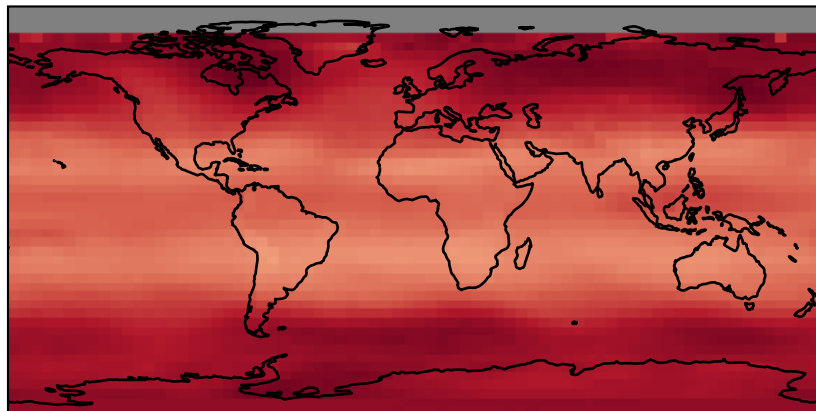
Difference  
Dev - Ref, Dynamic Range



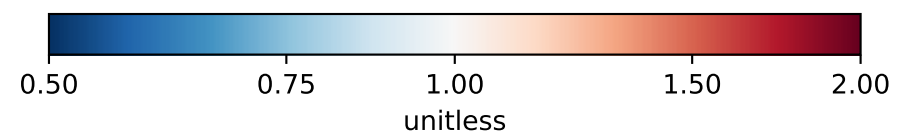
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



Ratio  
Dev/Ref, Fixed Range





# Jval\_03 (Jan2019)

GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



Zero throughout domain  
s-1

GCC\_13.0.0 (Dev)  
4.0x5.0



Zero throughout domain  
s-1

Difference  
Dev - Ref, Dynamic Range



Zero throughout domain  
s-1

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



Zero throughout domain  
s-1

Ratio  
Dev/Ref, Dynamic Range



Undefined throughout domain  
unitless

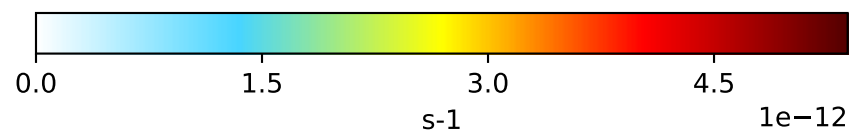
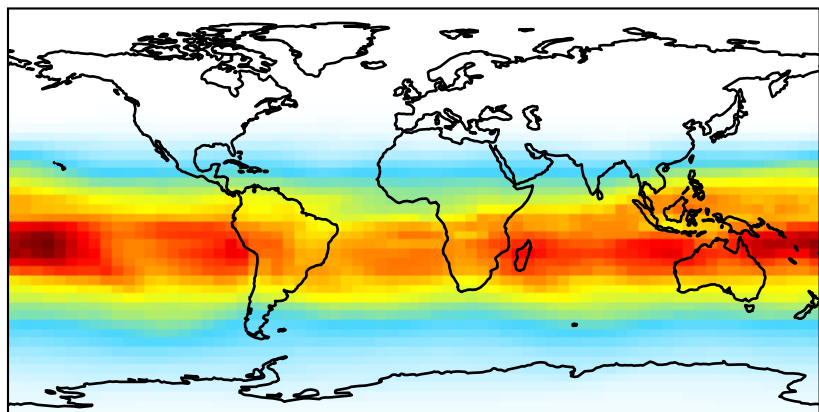
Ratio  
Dev/Ref, Fixed Range



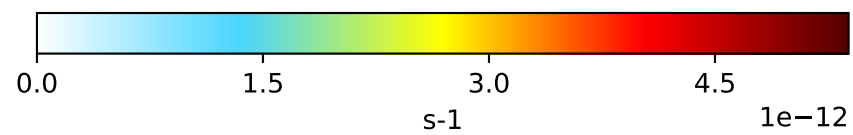
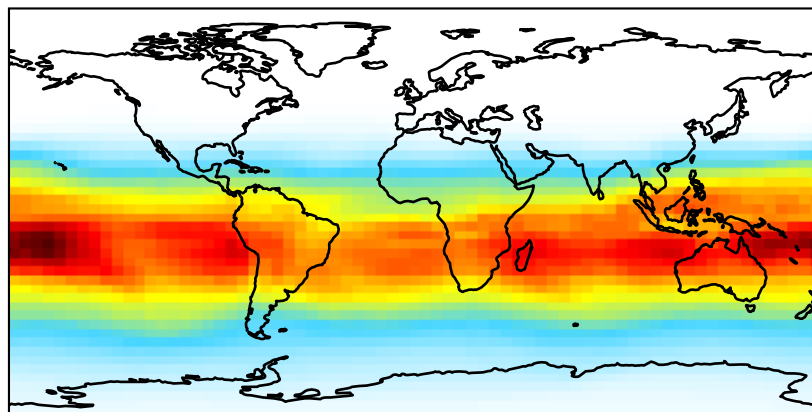
Undefined throughout domain  
unitless

# Jval\_OCS (Jan2019)

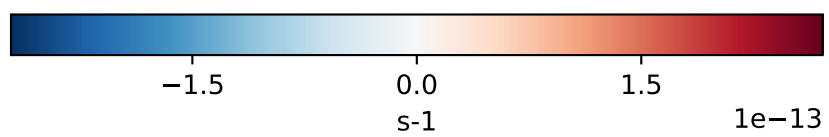
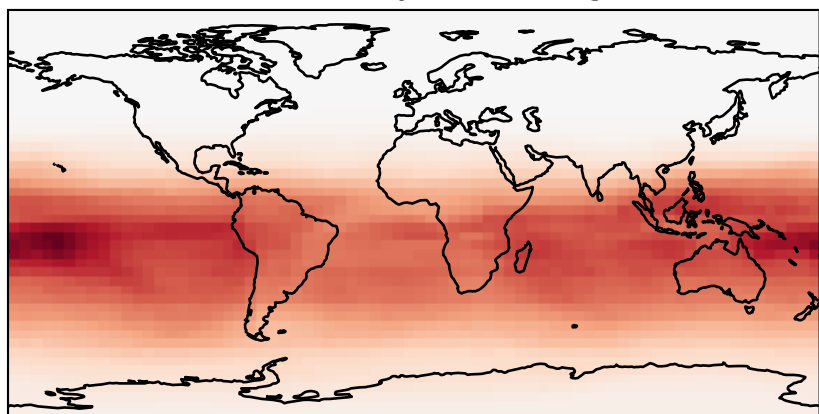
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



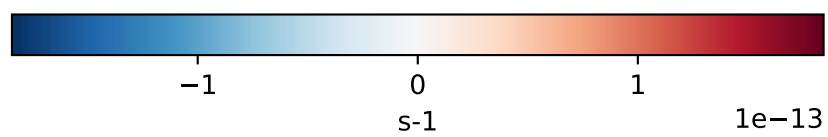
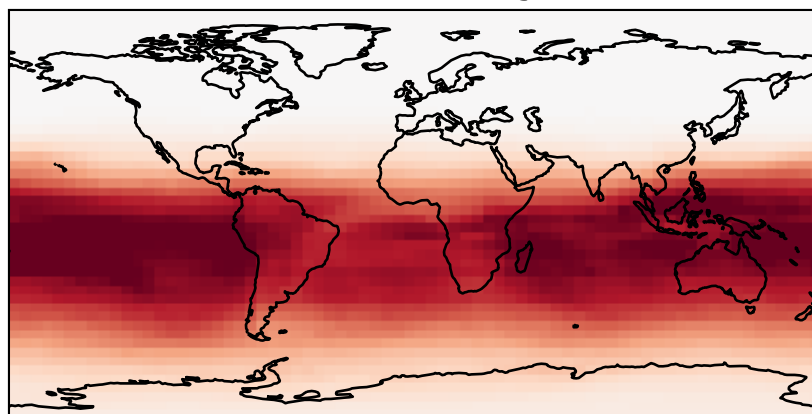
GCC\_13.0.0 (Dev)  
4.0x5.0



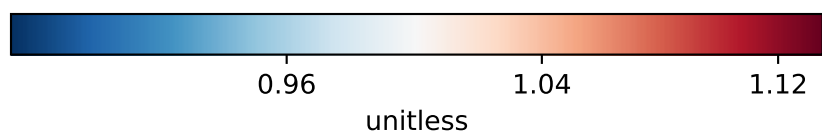
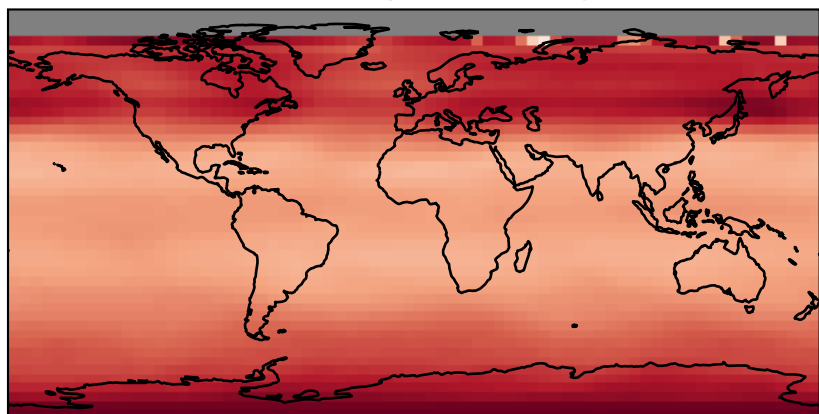
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

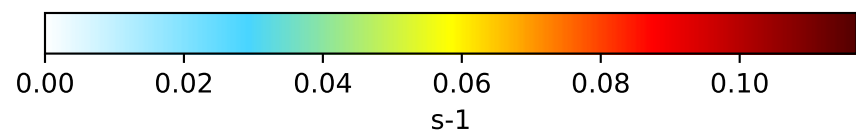
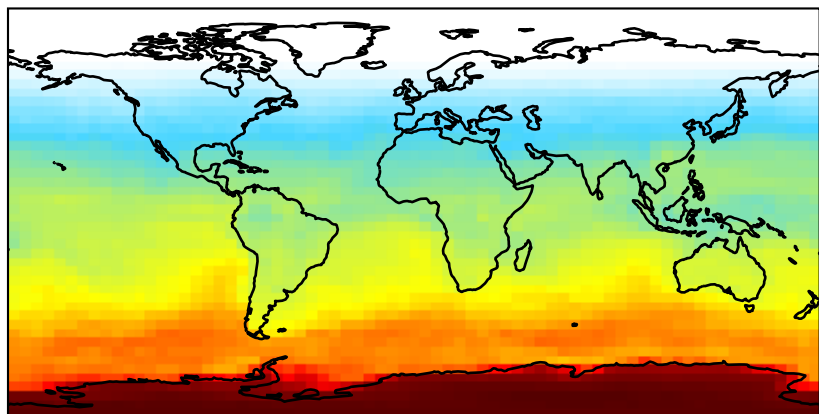


Ratio  
Dev/Ref, Fixed Range

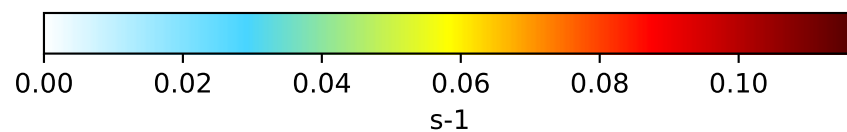
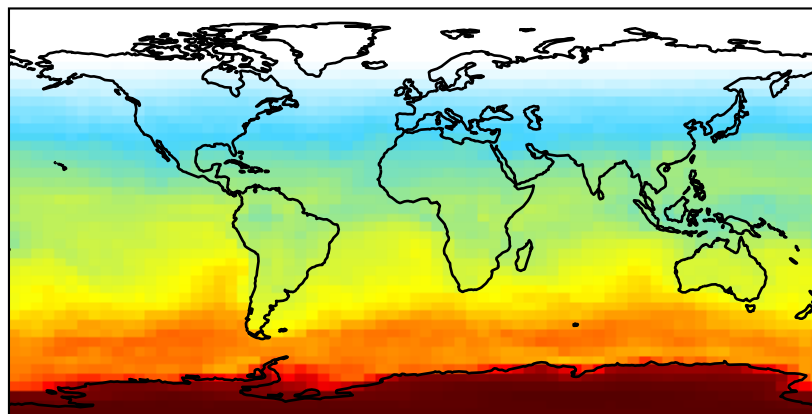


# Jval\_OCIO (Jan2019)

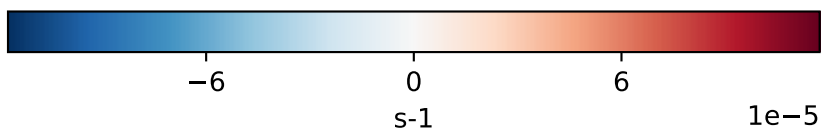
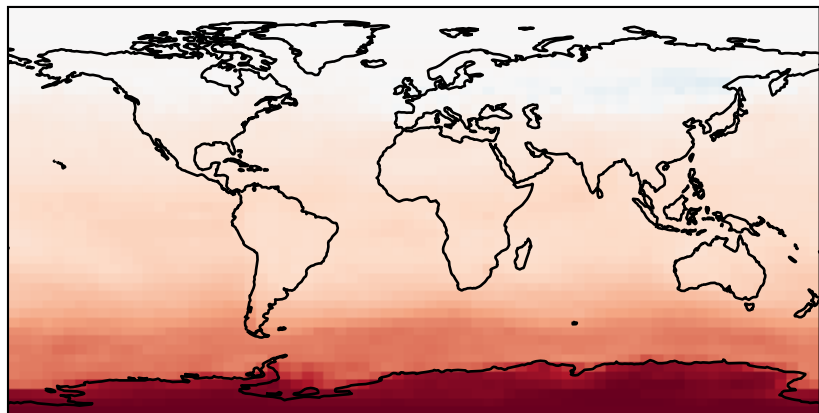
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



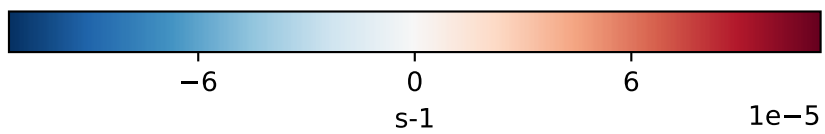
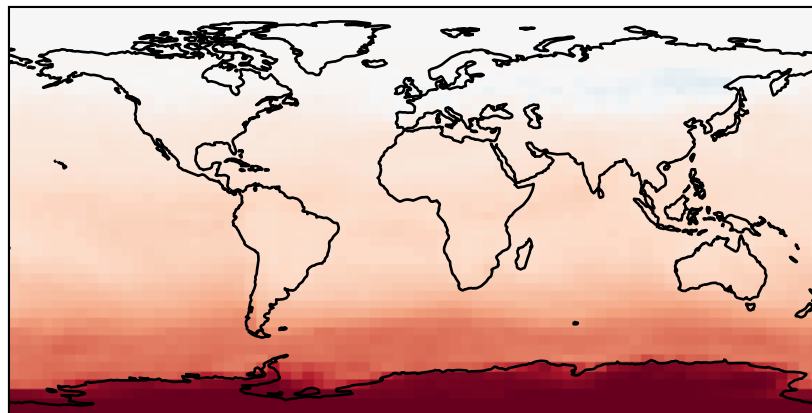
GCC\_13.0.0 (Dev)  
4.0x5.0



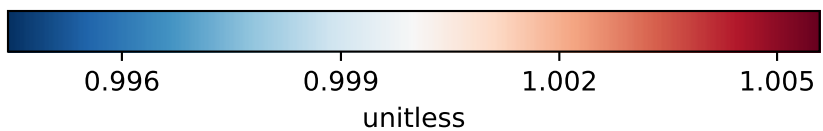
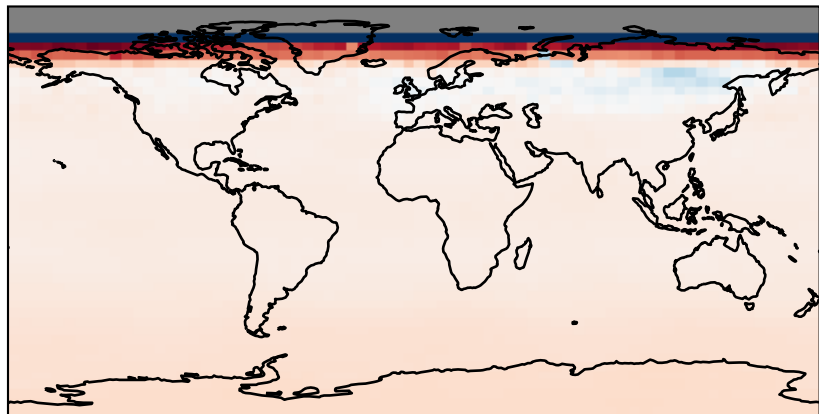
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

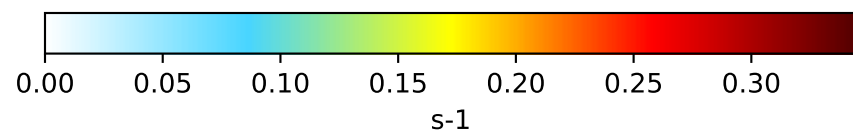
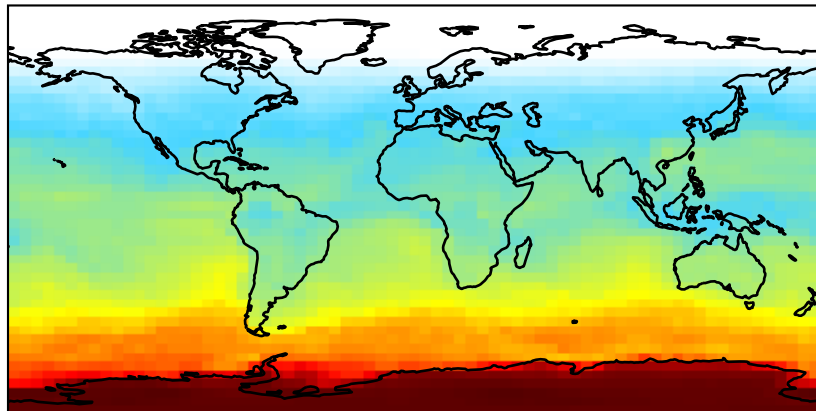


Ratio  
Dev/Ref, Fixed Range

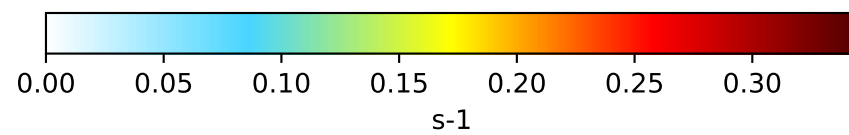
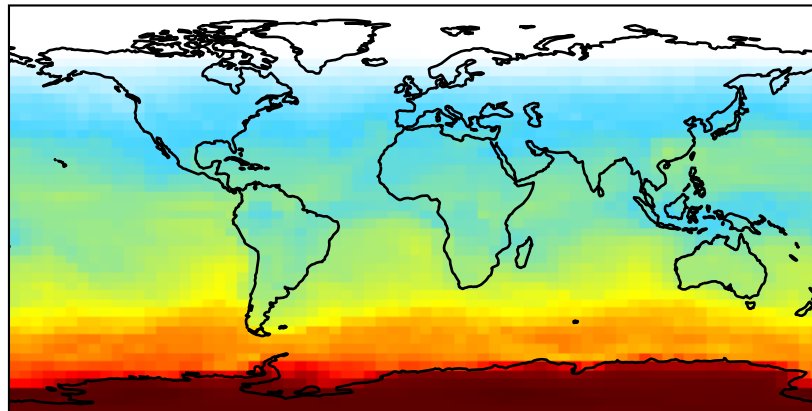


# Jval\_OIO (Jan2019)

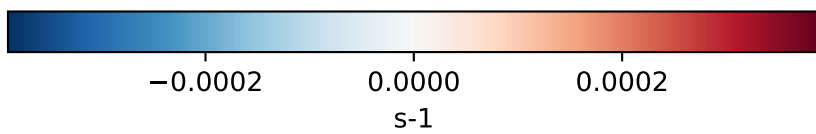
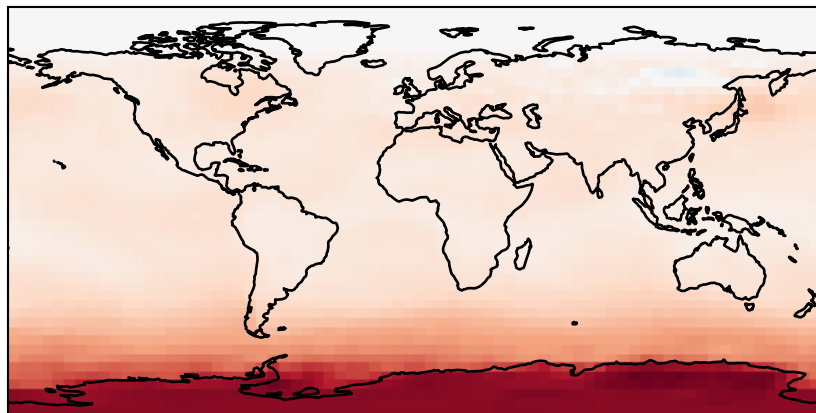
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



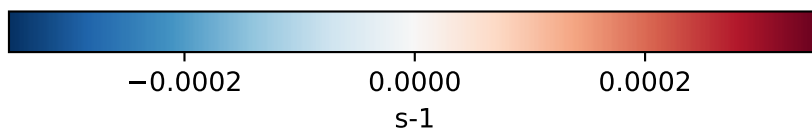
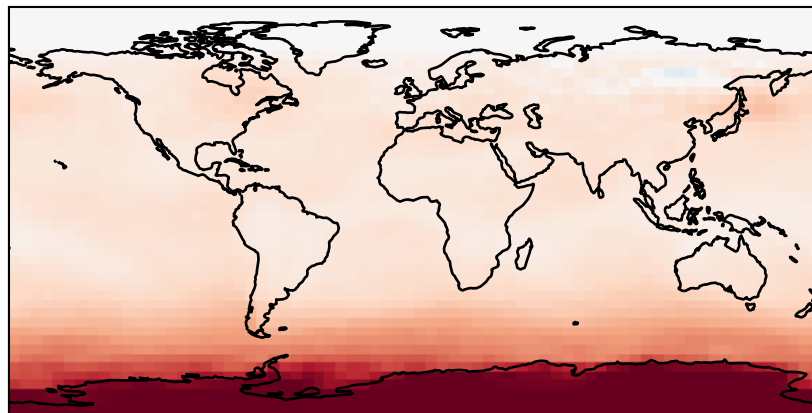
GCC\_13.0.0 (Dev)  
4.0x5.0



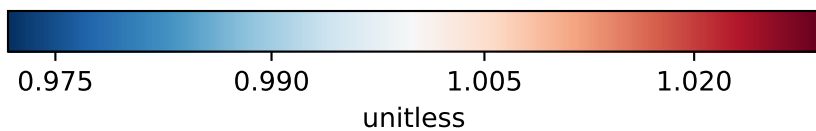
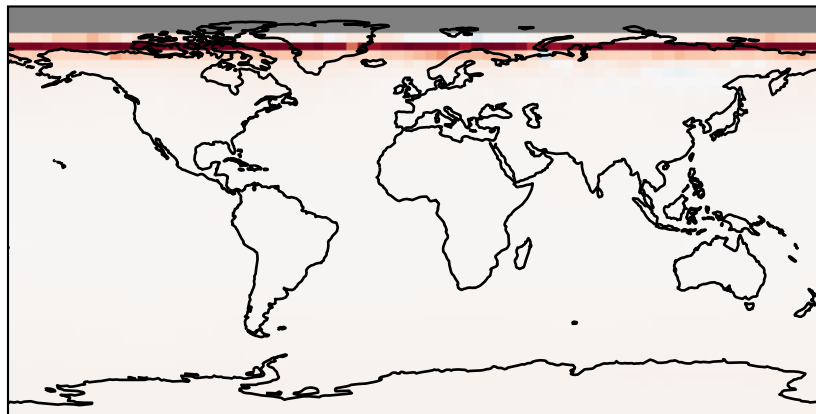
Difference  
Dev - Ref, Dynamic Range



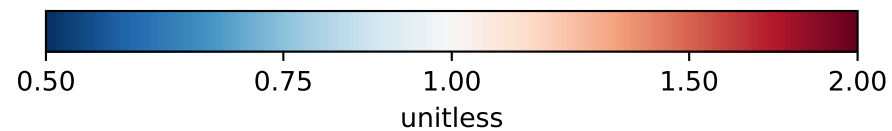
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

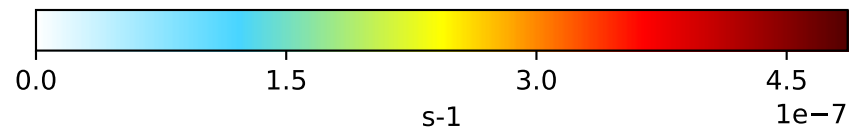
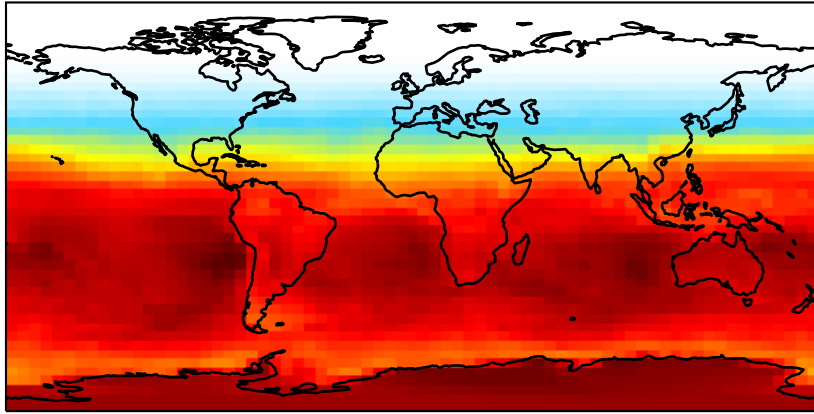


Ratio  
Dev/Ref, Fixed Range

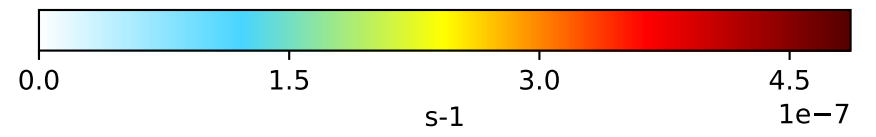
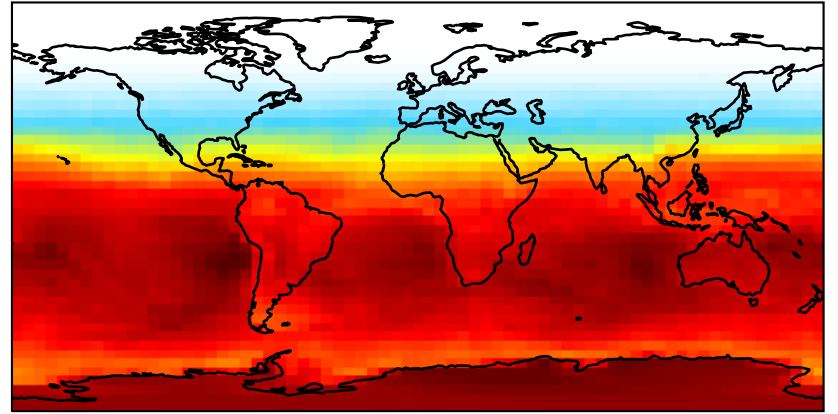


# Jval\_PAN (Jan2019)

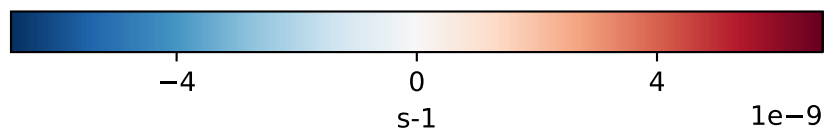
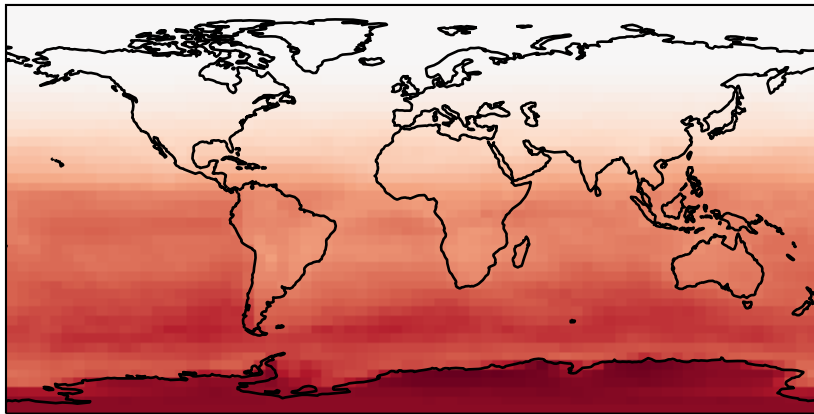
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



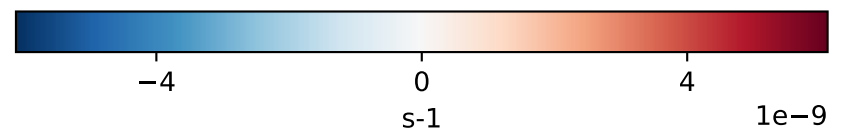
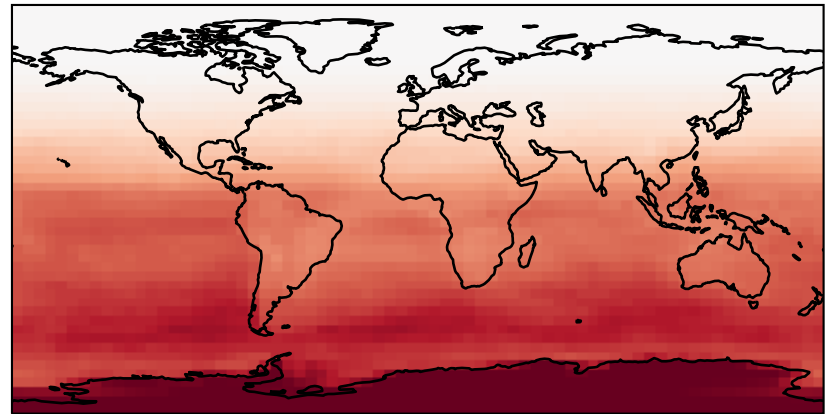
GCC\_13.0.0 (Dev)  
4.0x5.0



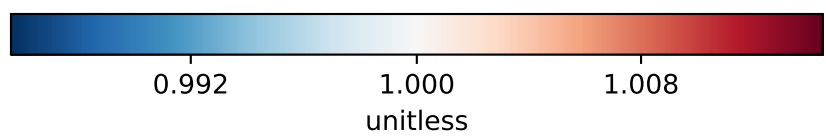
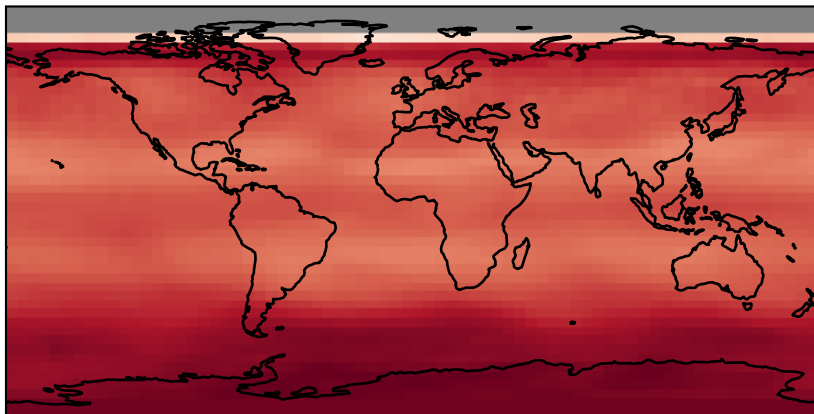
Difference  
Dev - Ref, Dynamic Range



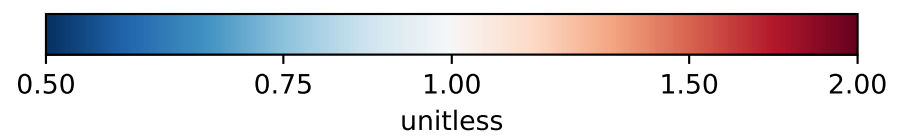
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



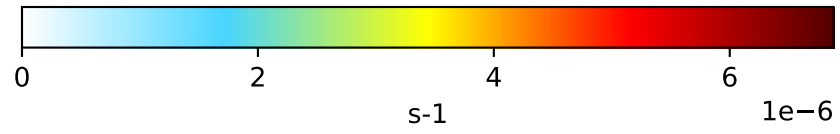
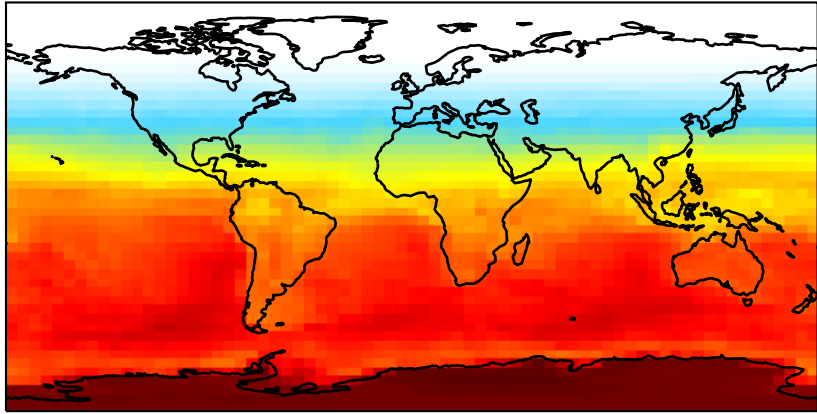
Ratio  
Dev/Ref, Fixed Range



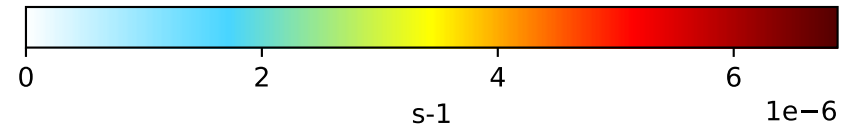
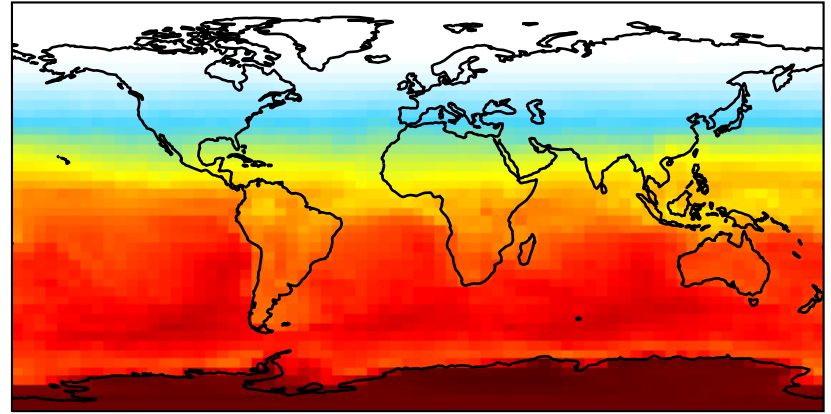


# Jval\_PIP (Jan2019)

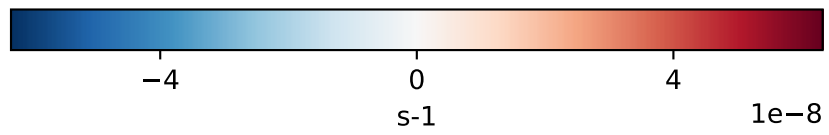
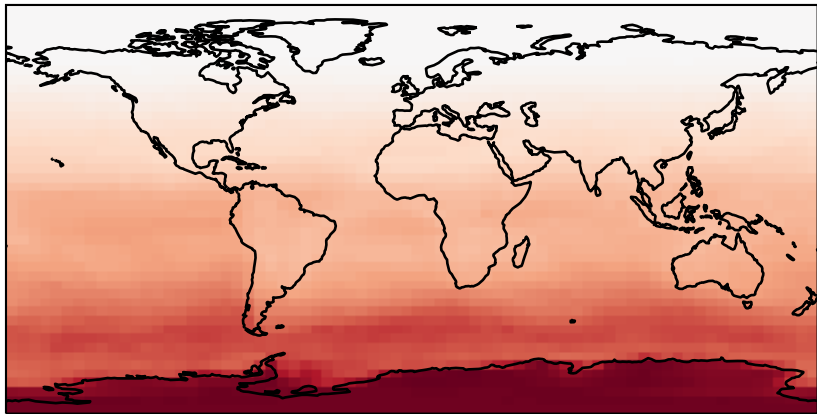
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



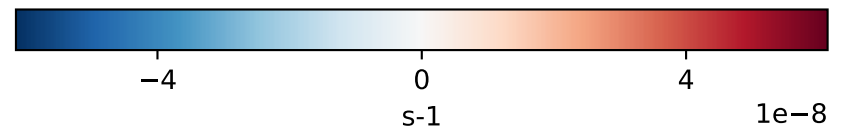
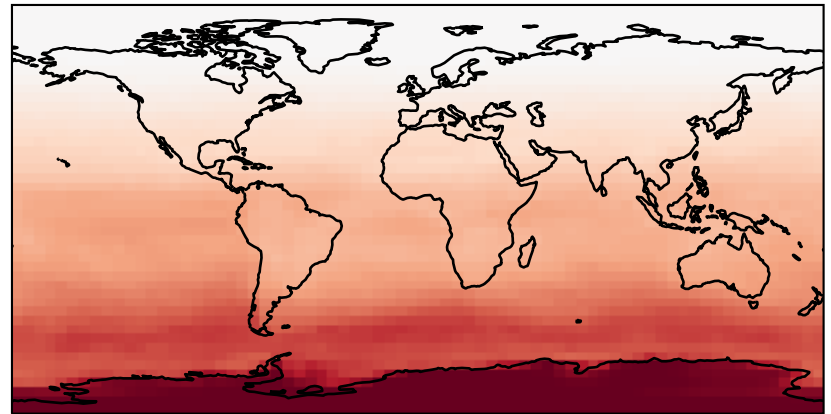
GCC\_13.0.0 (Dev)  
4.0x5.0



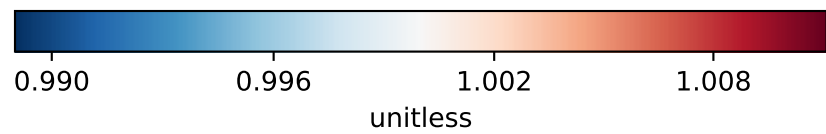
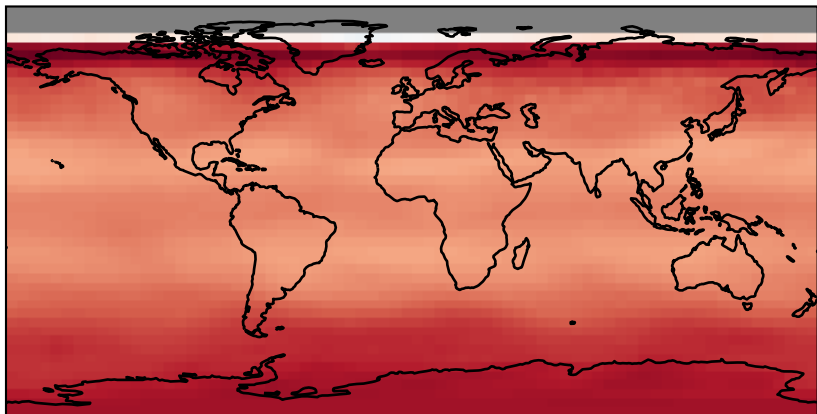
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

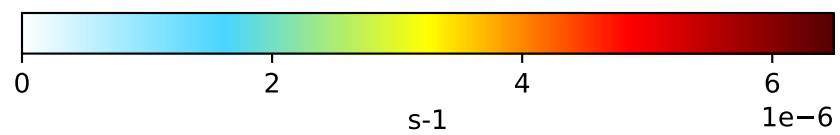
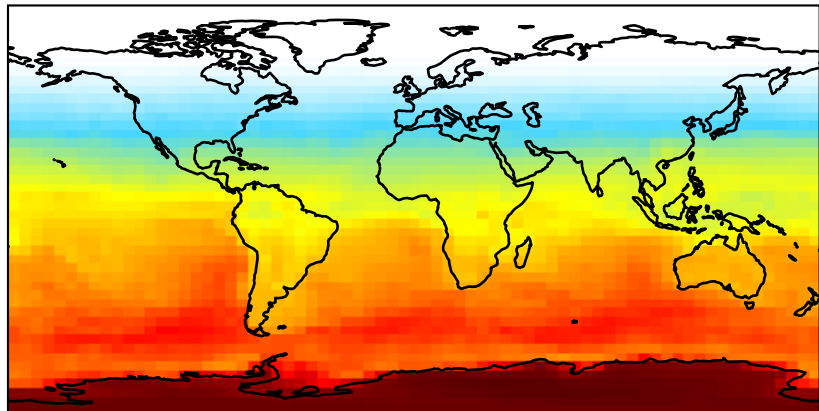


Ratio  
Dev/Ref, Fixed Range

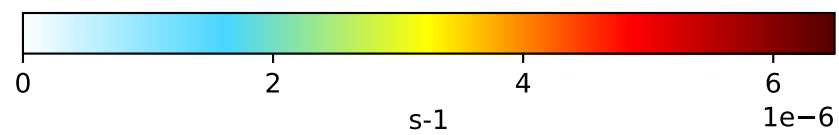
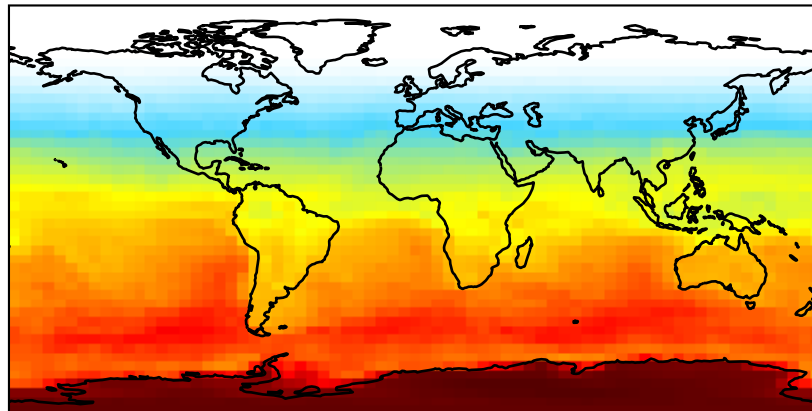


# Jval\_PP (Jan2019)

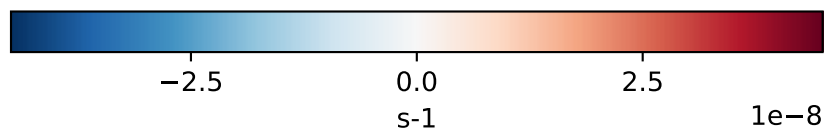
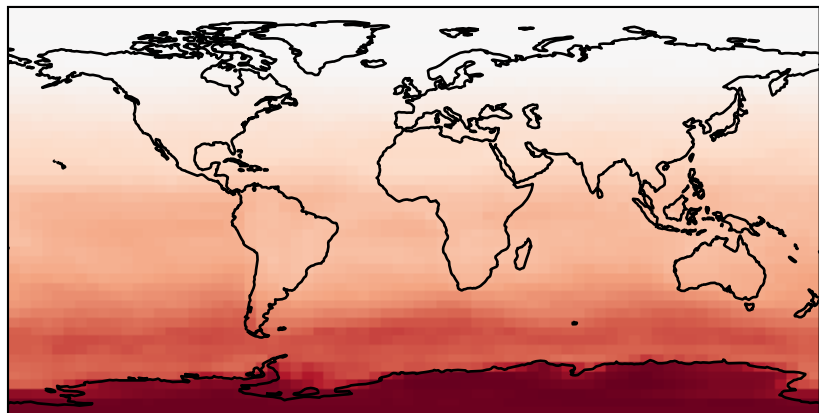
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



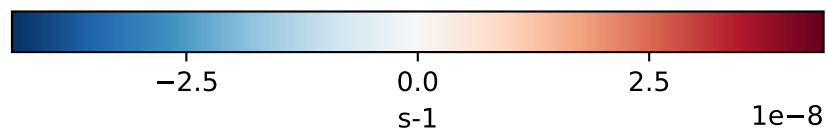
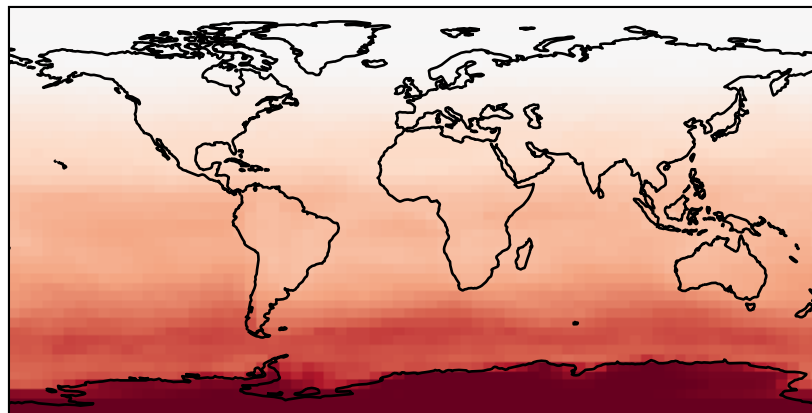
GCC\_13.0.0 (Dev)  
4.0x5.0



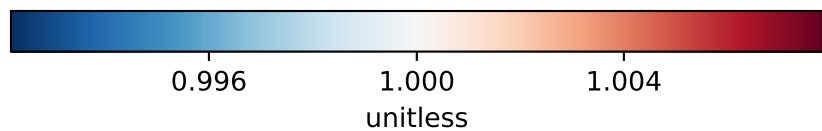
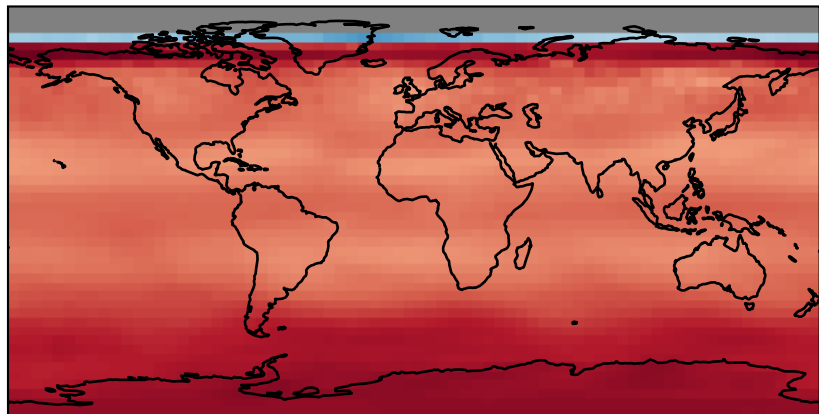
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

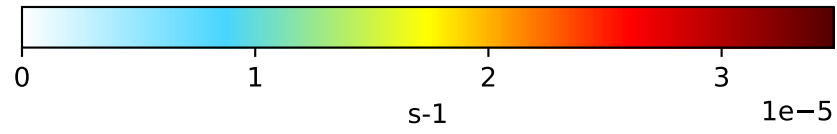
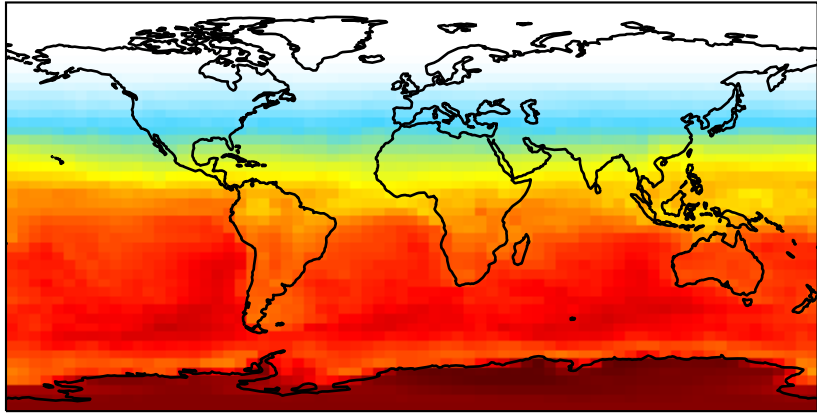


Ratio  
Dev/Ref, Fixed Range

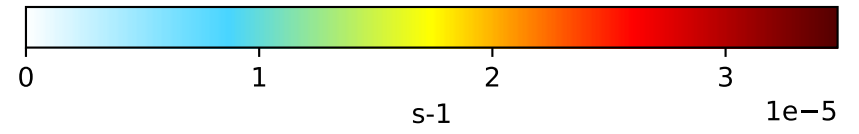
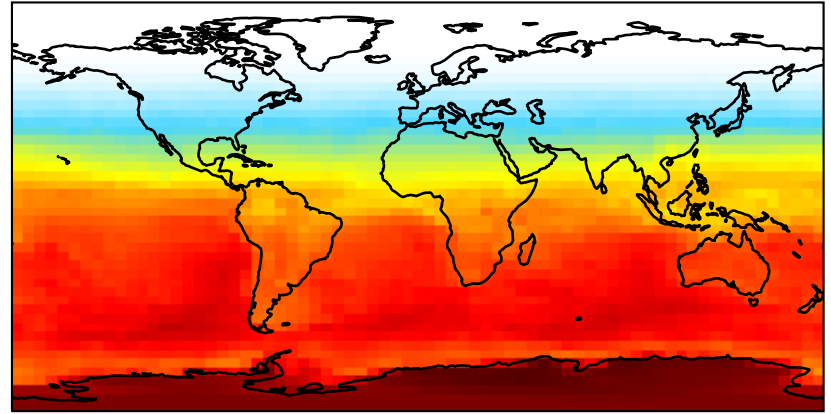


# Jval\_PROPNN (Jan2019)

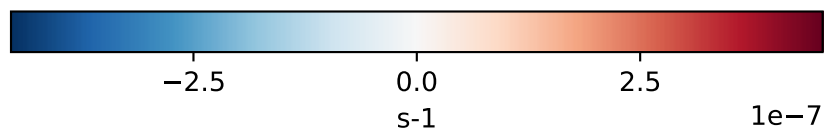
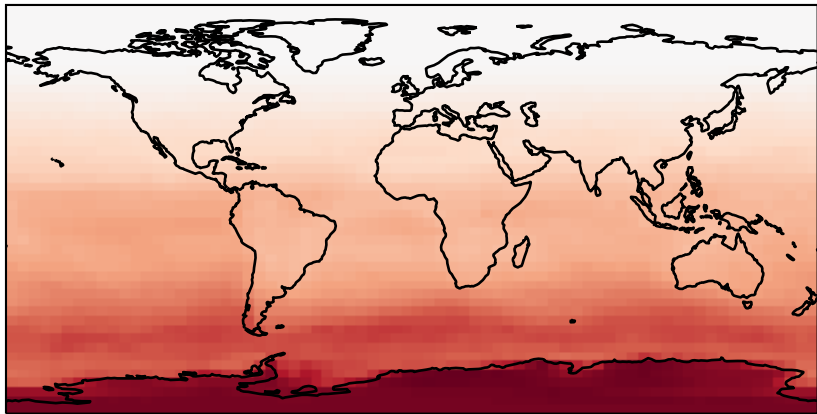
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



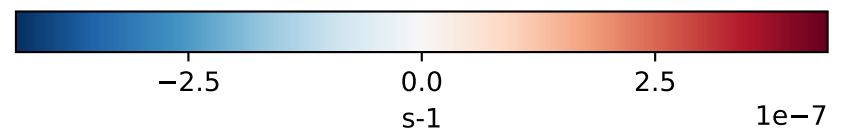
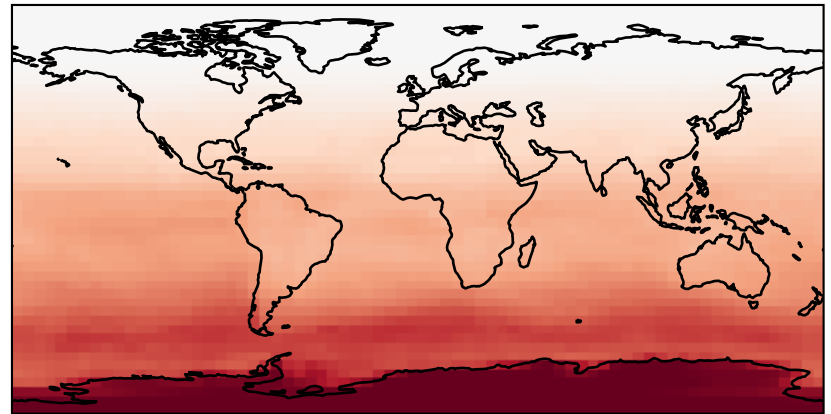
GCC\_13.0.0 (Dev)  
4.0x5.0



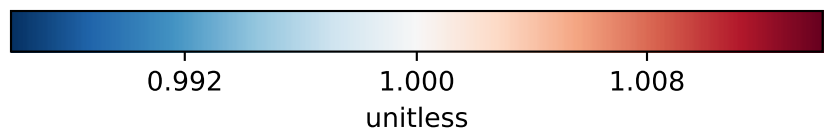
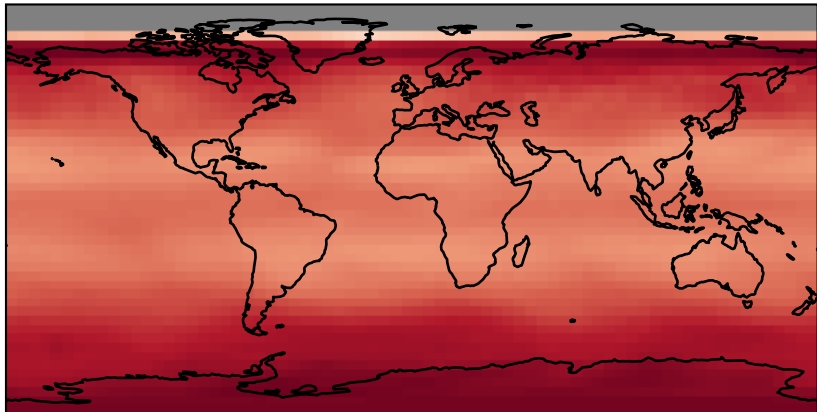
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

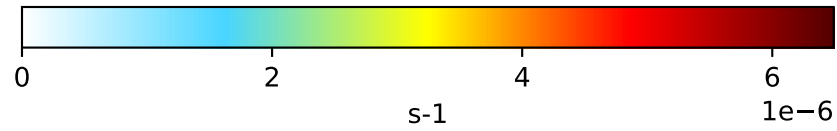
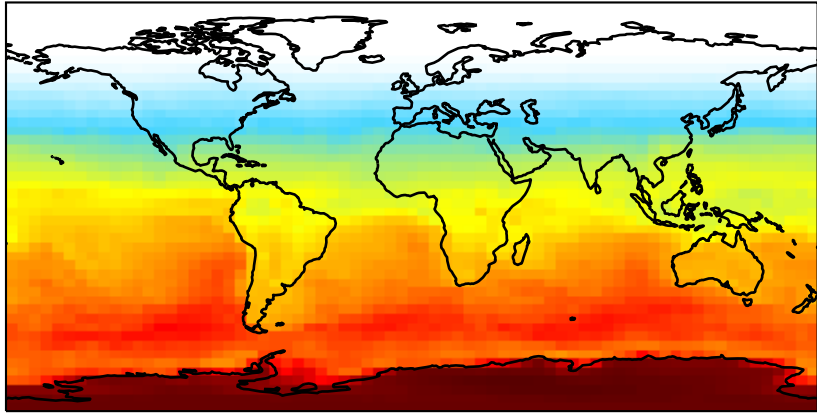


Ratio  
Dev/Ref, Fixed Range

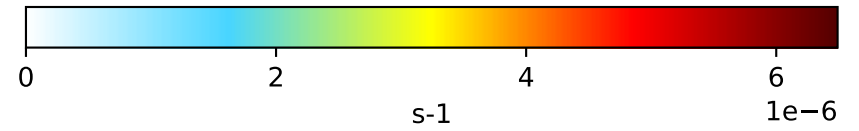
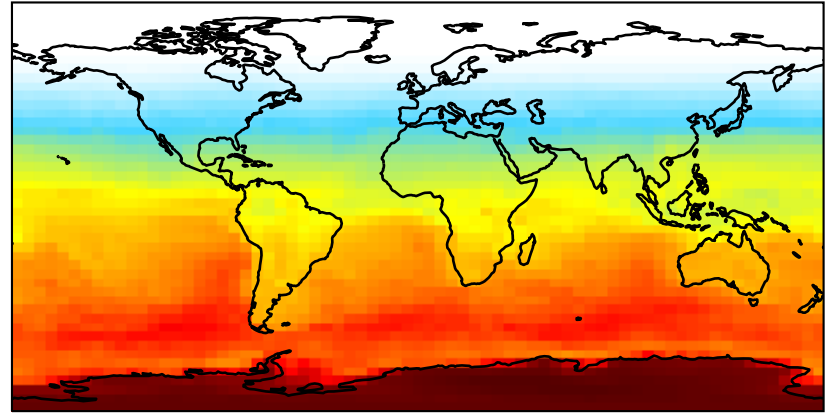


# Jval\_PRPN (Jan2019)

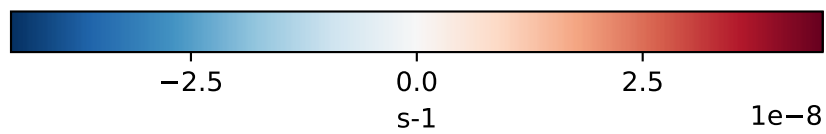
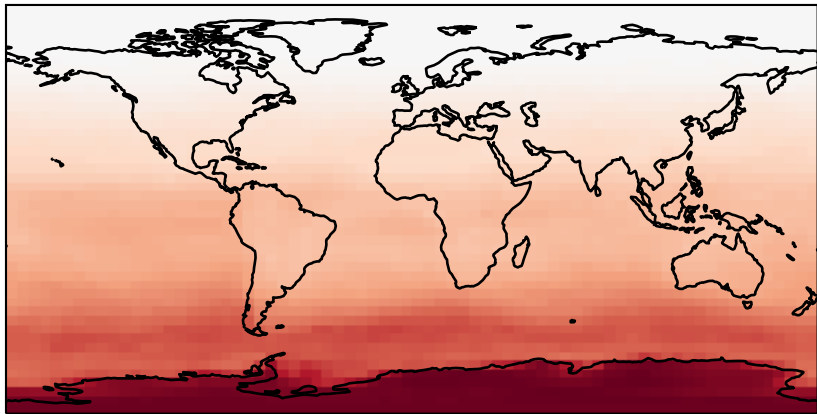
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



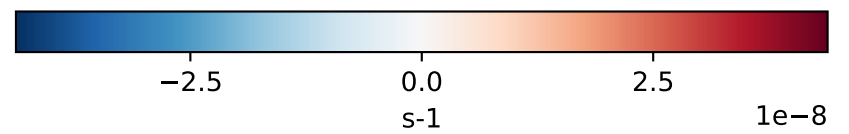
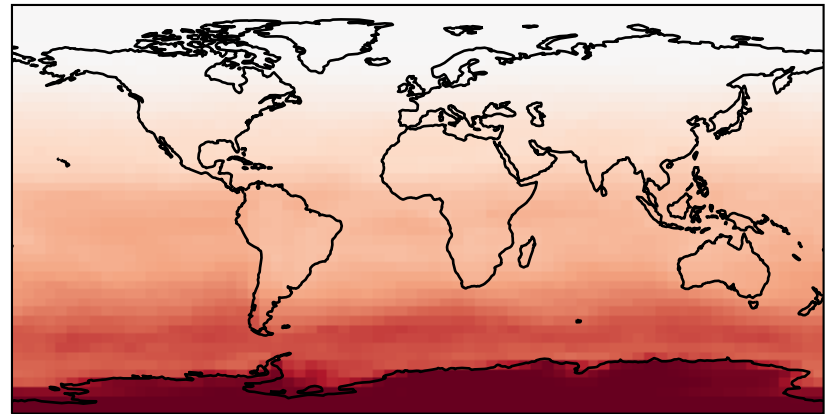
GCC\_13.0.0 (Dev)  
4.0x5.0



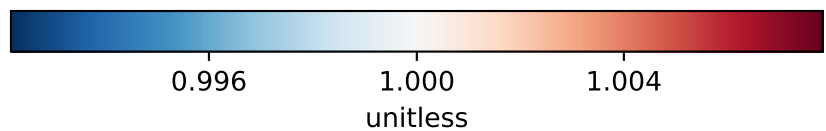
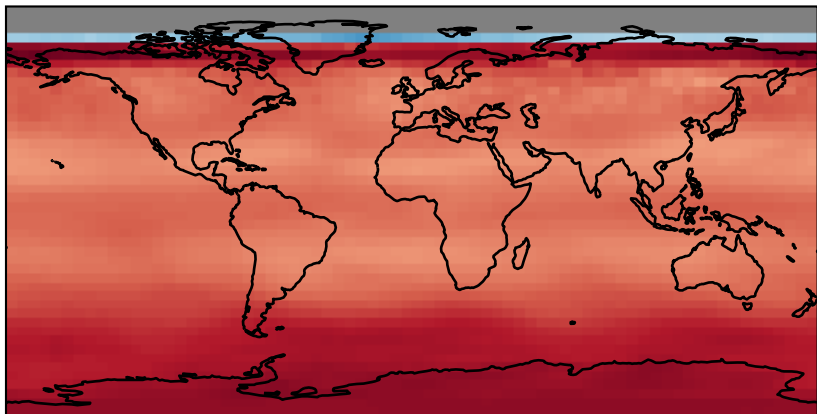
Difference  
Dev - Ref, Dynamic Range



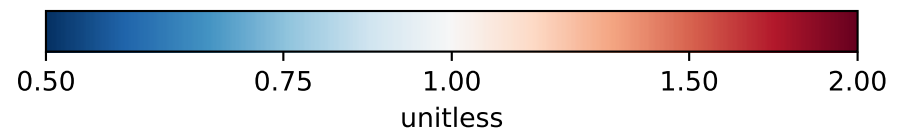
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

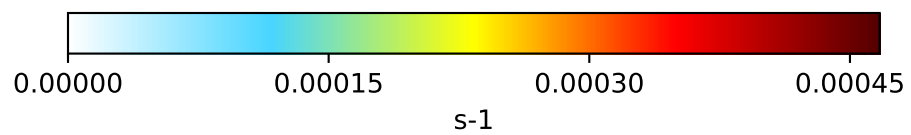
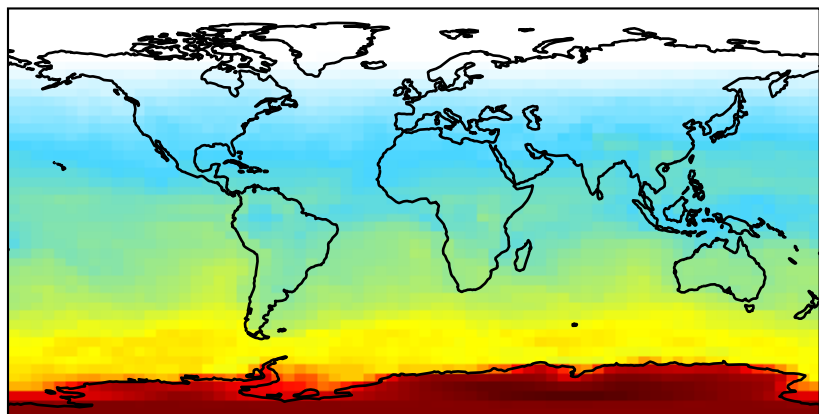


Ratio  
Dev/Ref, Fixed Range

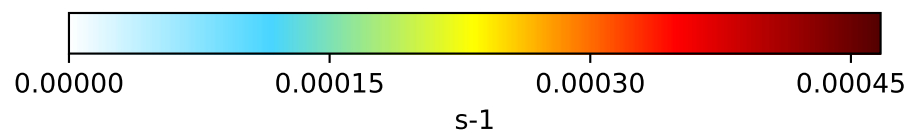
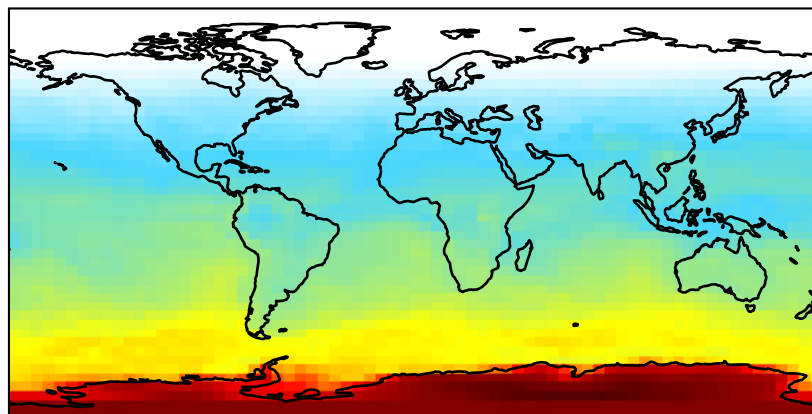


# Jval\_PYAC (Jan2019)

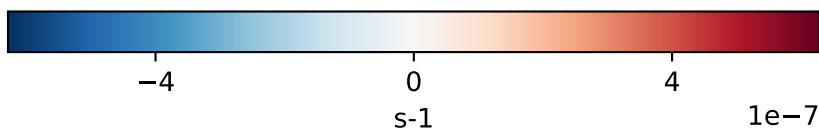
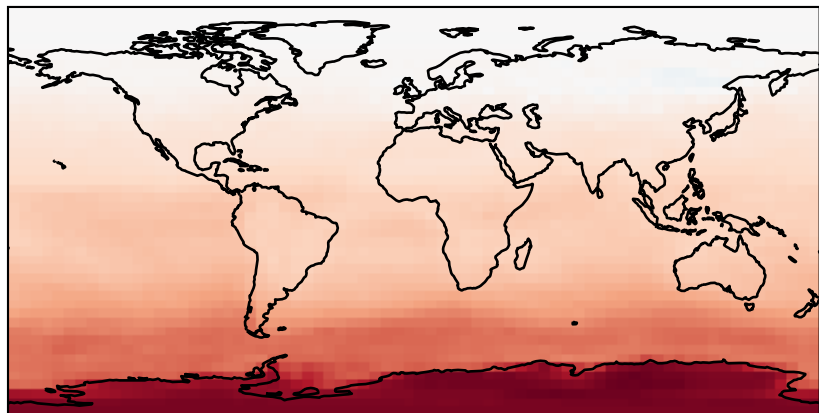
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



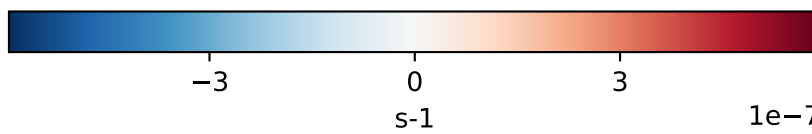
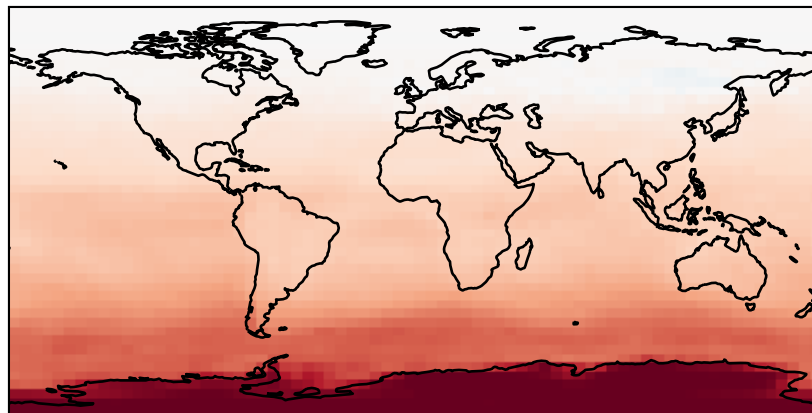
GCC\_13.0.0 (Dev)  
4.0x5.0



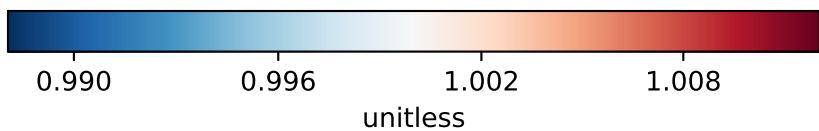
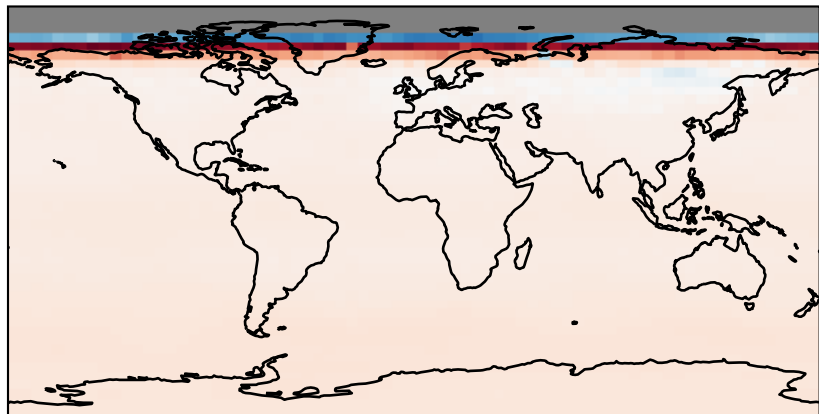
Difference  
Dev - Ref, Dynamic Range



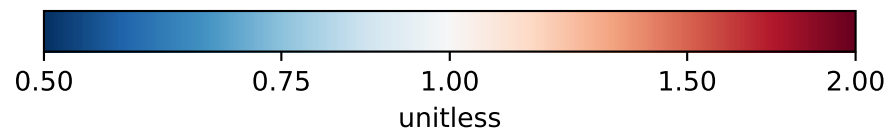
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



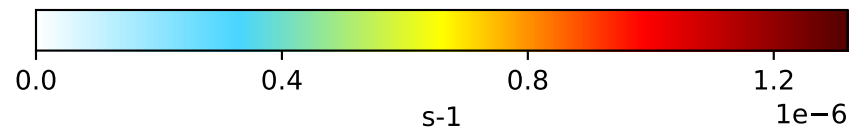
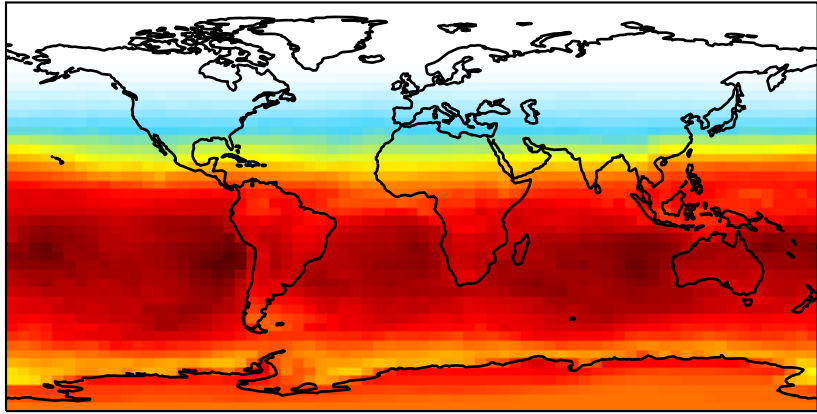
Ratio  
Dev/Ref, Fixed Range



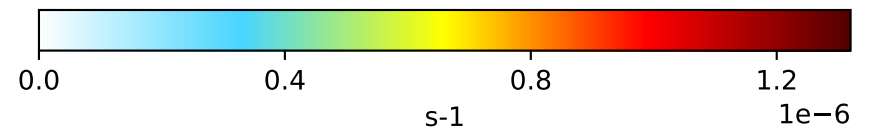
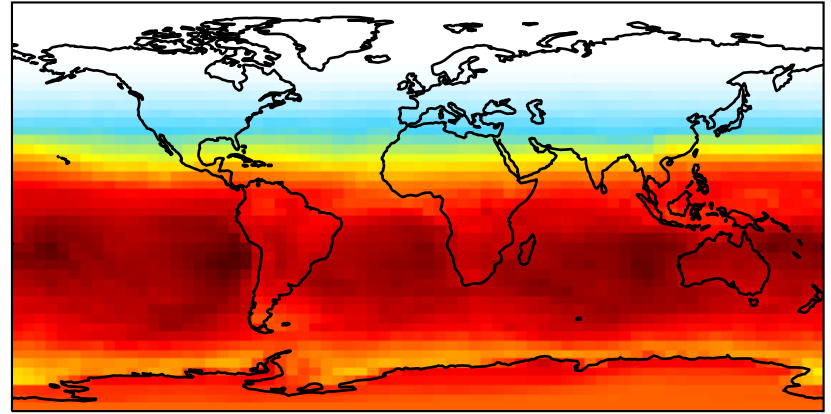


# Jval\_R4N2 (Jan2019)

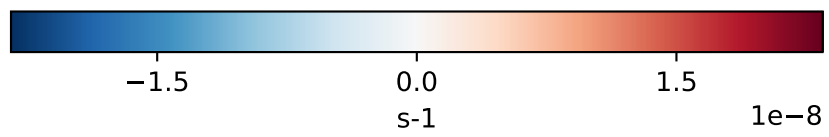
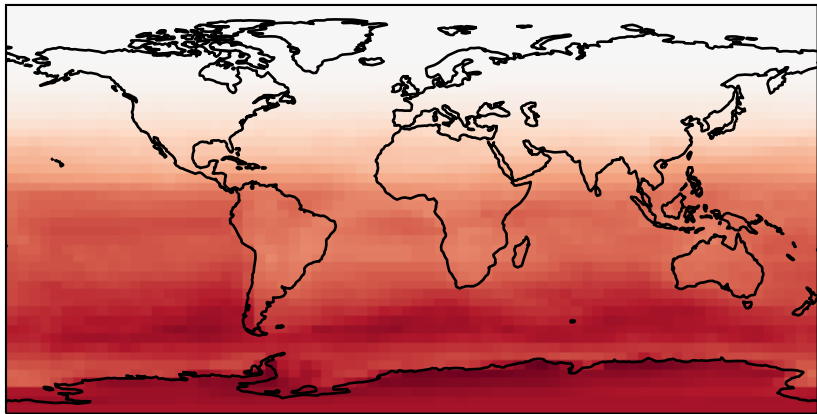
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



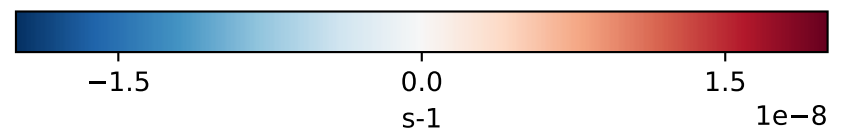
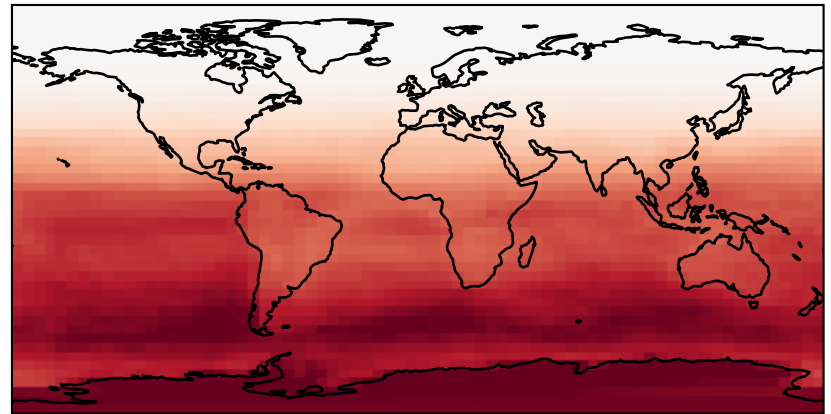
GCC\_13.0.0 (Dev)  
4.0x5.0



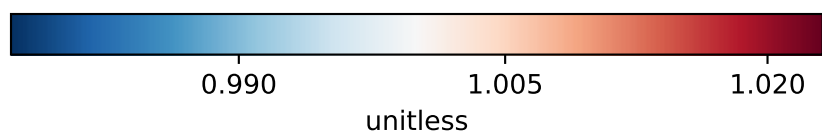
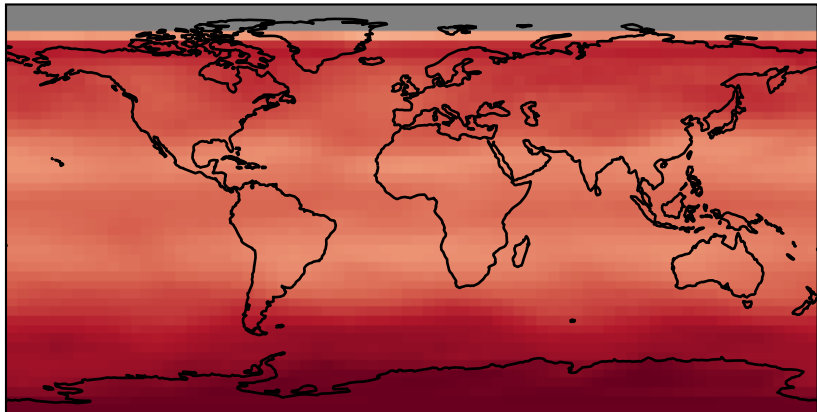
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

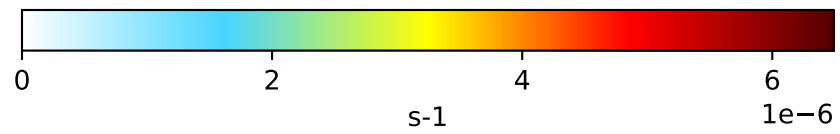
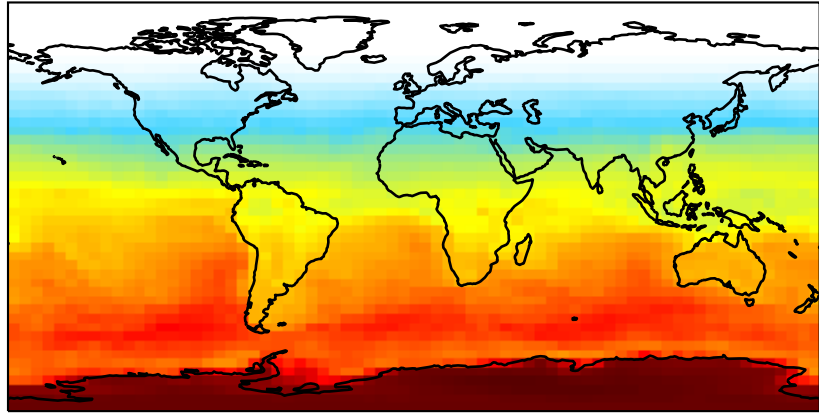


Ratio  
Dev/Ref, Fixed Range

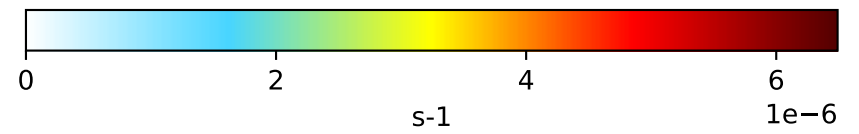
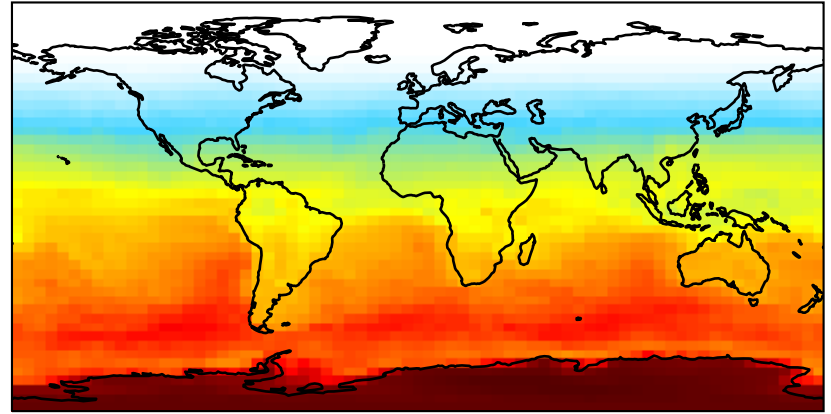


# Jval\_R4P (Jan2019)

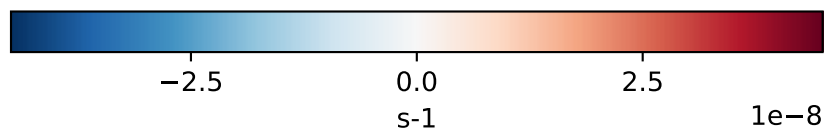
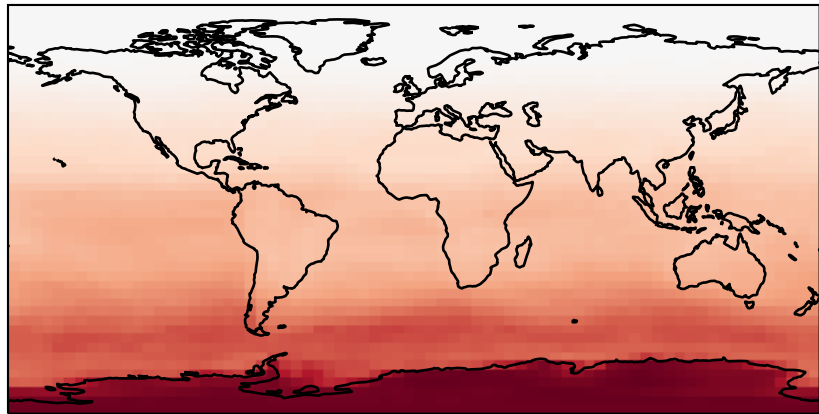
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



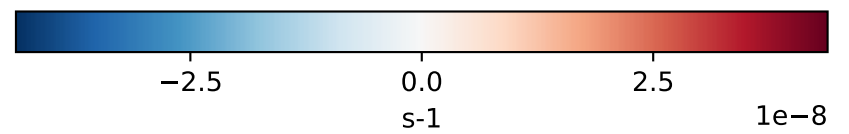
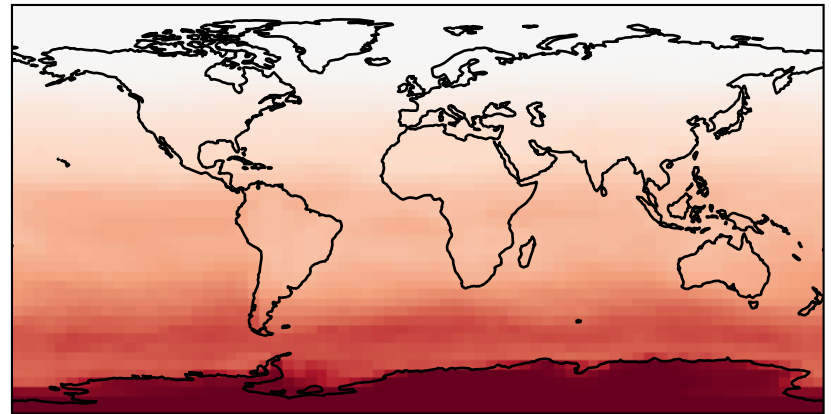
GCC\_13.0.0 (Dev)  
4.0x5.0



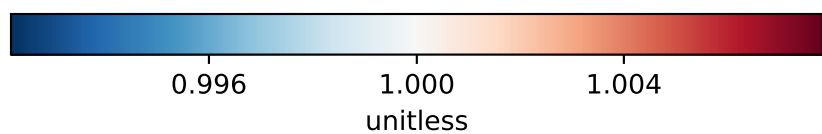
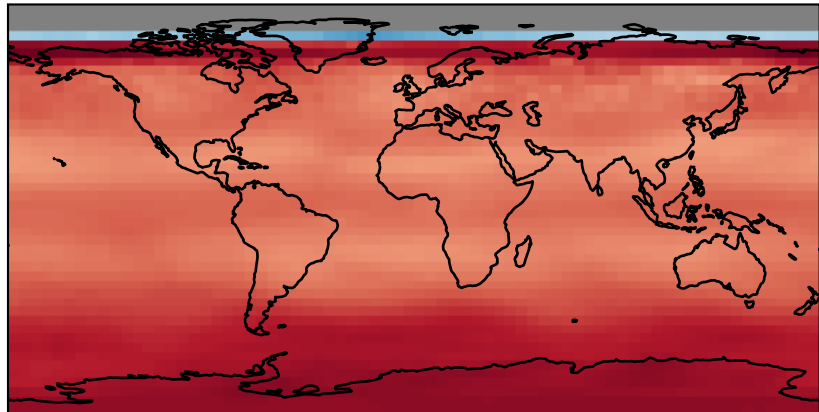
Difference  
Dev - Ref, Dynamic Range



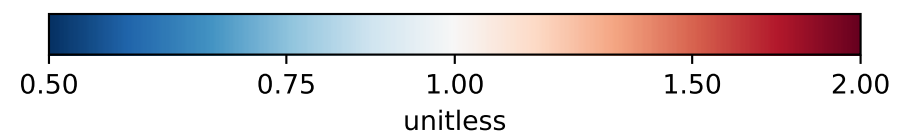
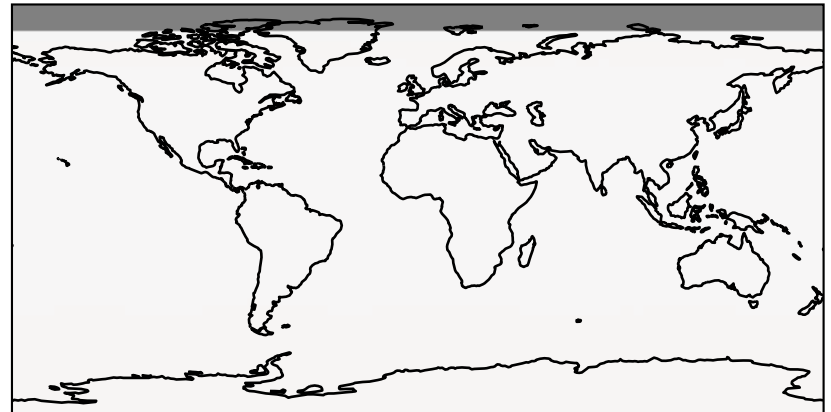
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

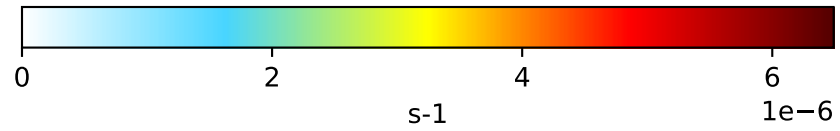
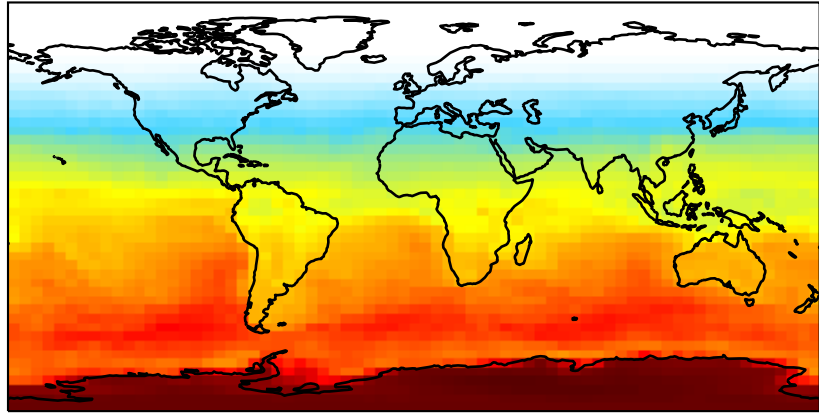


Ratio  
Dev/Ref, Fixed Range

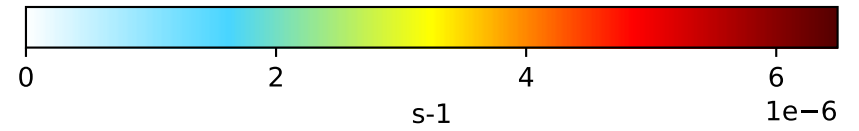
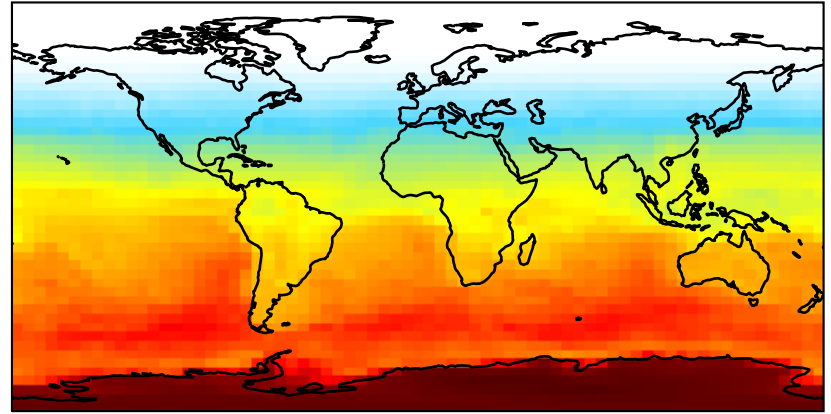


# Jval\_RA3P (Jan2019)

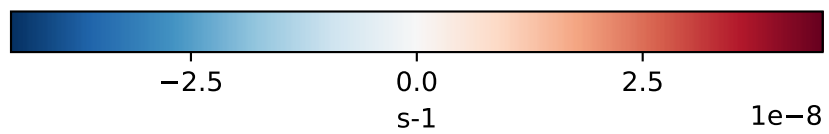
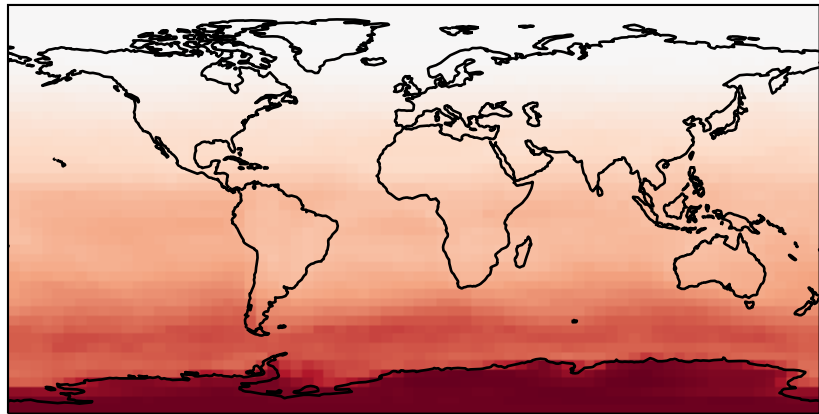
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



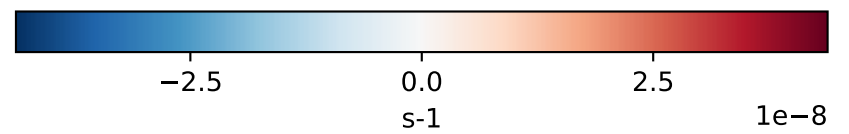
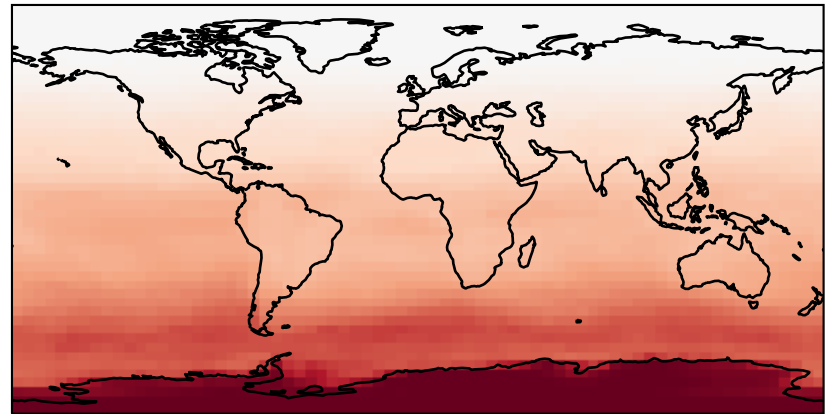
GCC\_13.0.0 (Dev)  
4.0x5.0



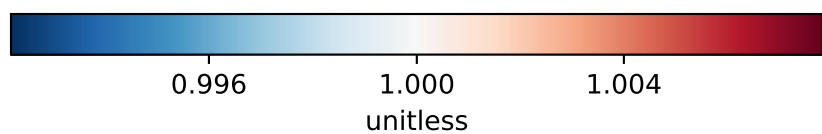
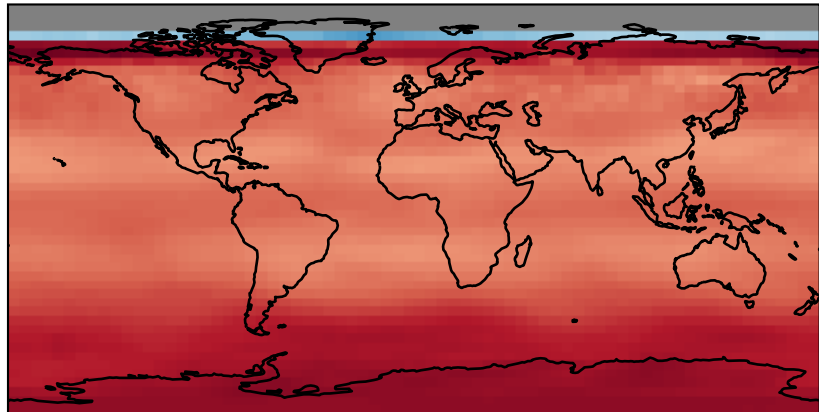
Difference  
Dev - Ref, Dynamic Range



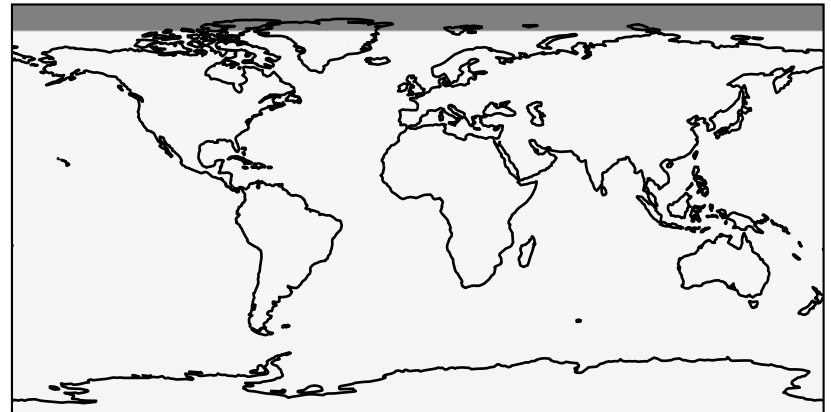
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

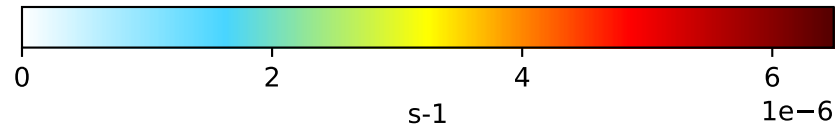
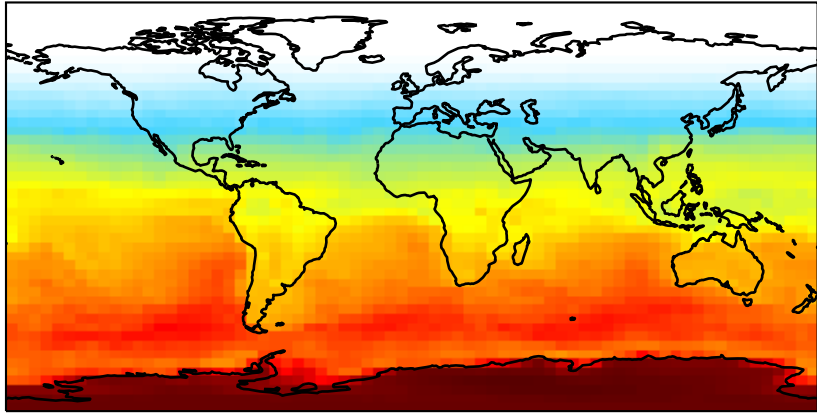


Ratio  
Dev/Ref, Fixed Range

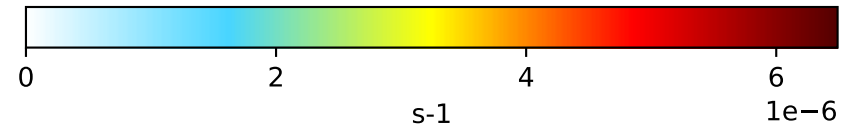
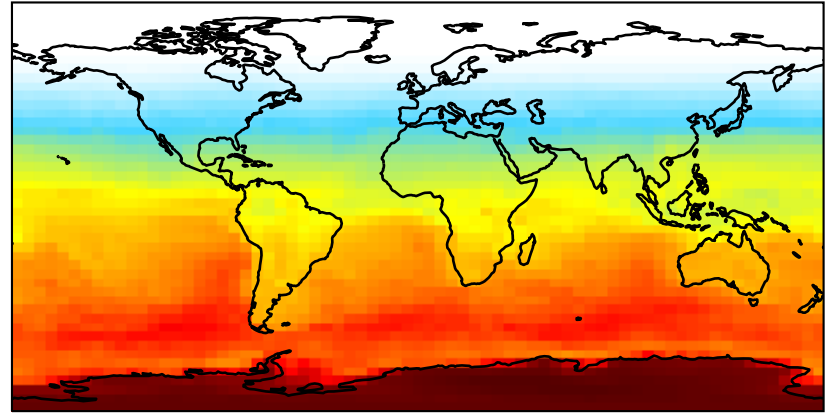


# Jval\_RB3P (Jan2019)

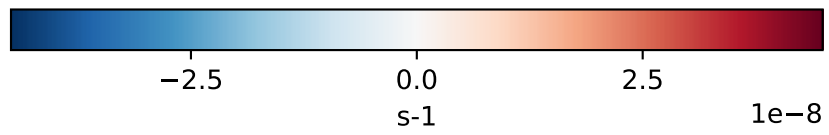
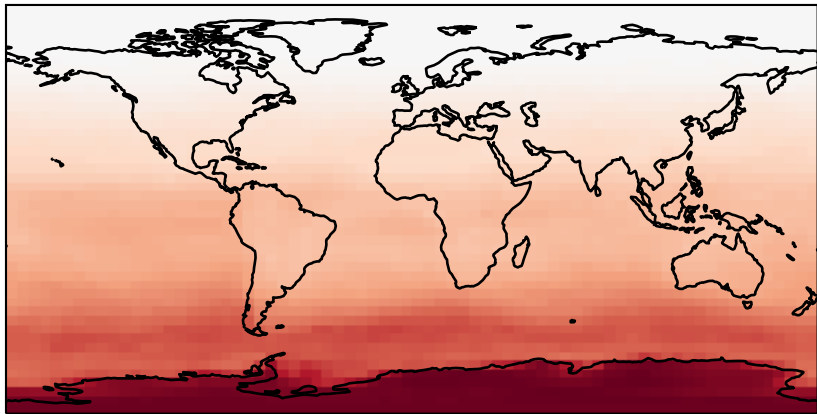
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



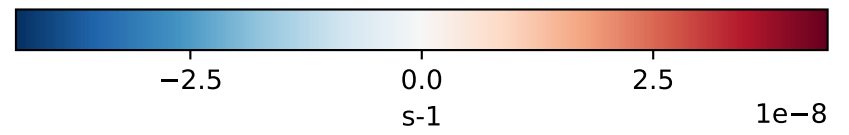
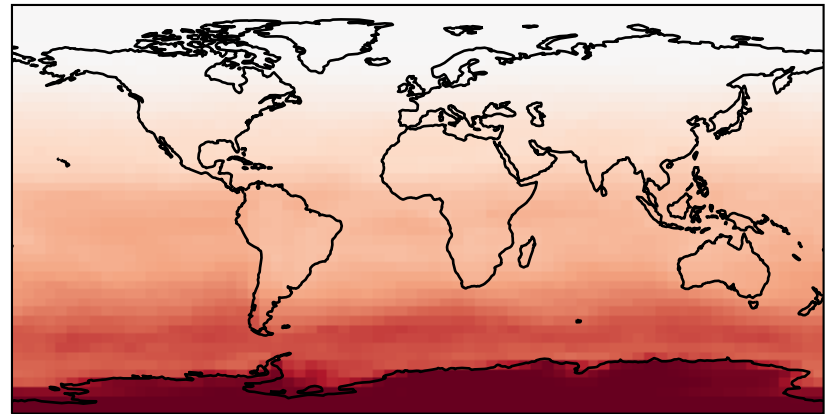
GCC\_13.0.0 (Dev)  
4.0x5.0



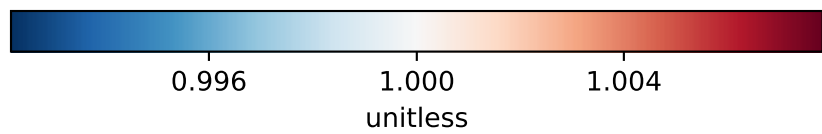
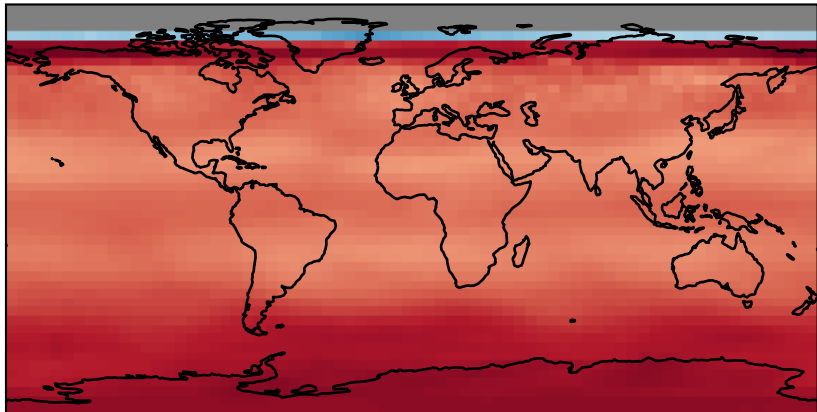
Difference  
Dev - Ref, Dynamic Range



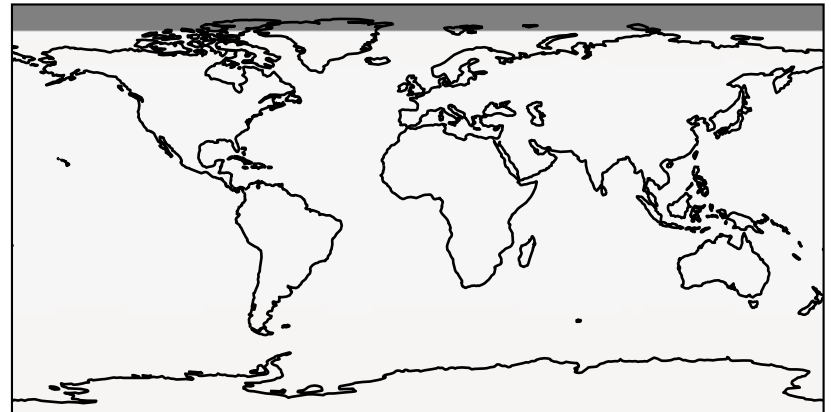
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

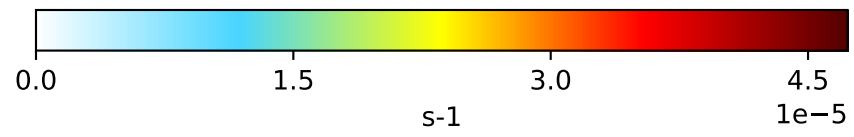
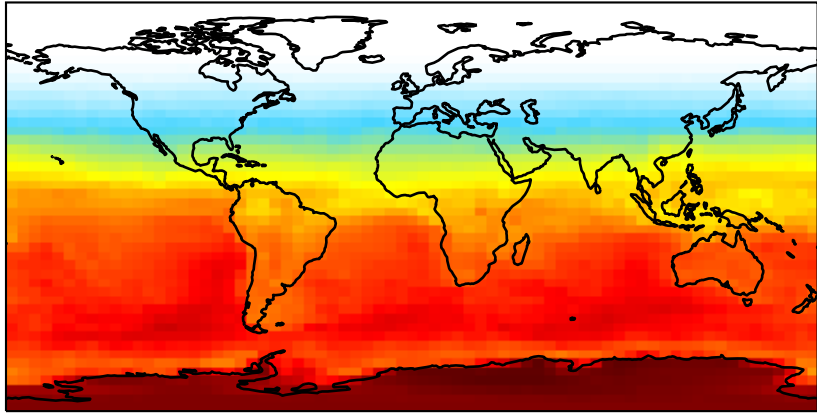


Ratio  
Dev/Ref, Fixed Range

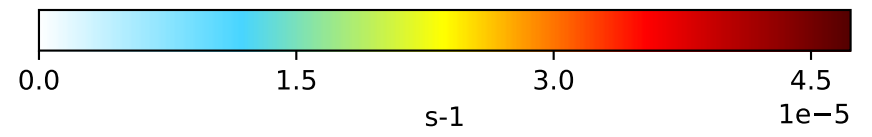
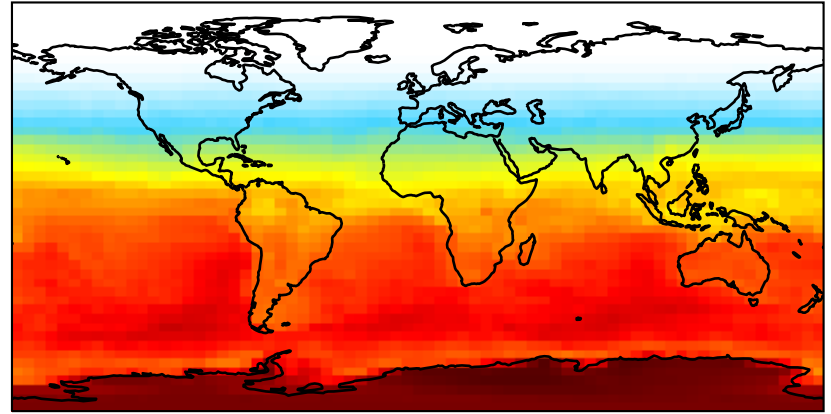


# Jval\_RCHO (Jan2019)

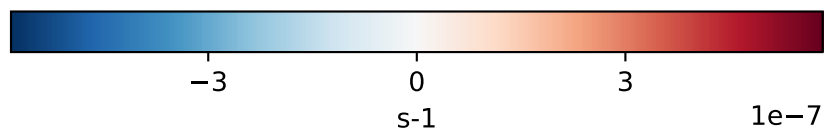
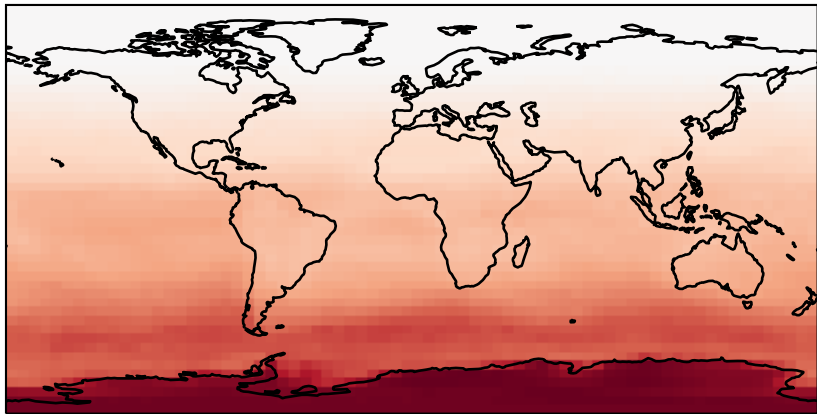
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



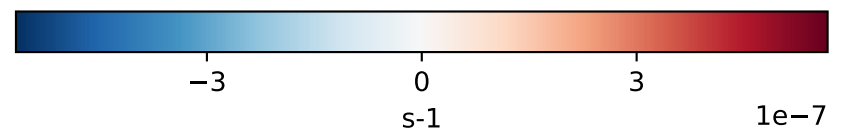
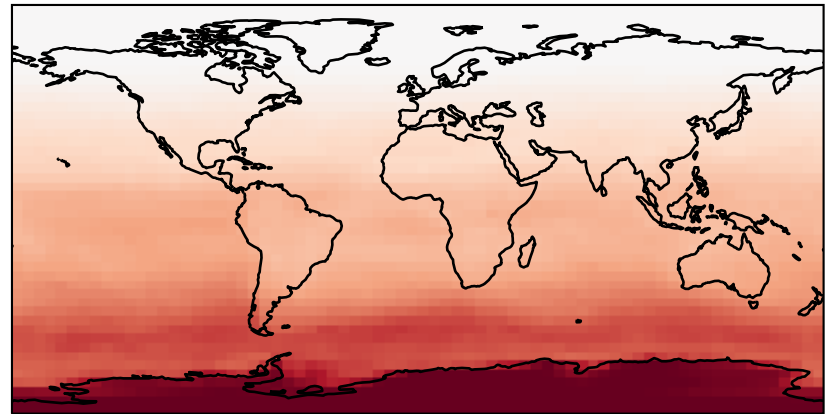
GCC\_13.0.0 (Dev)  
4.0x5.0



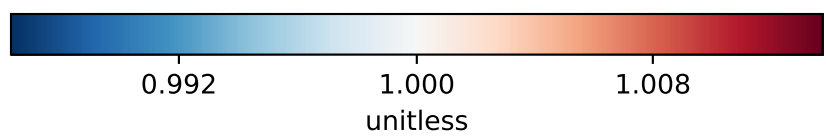
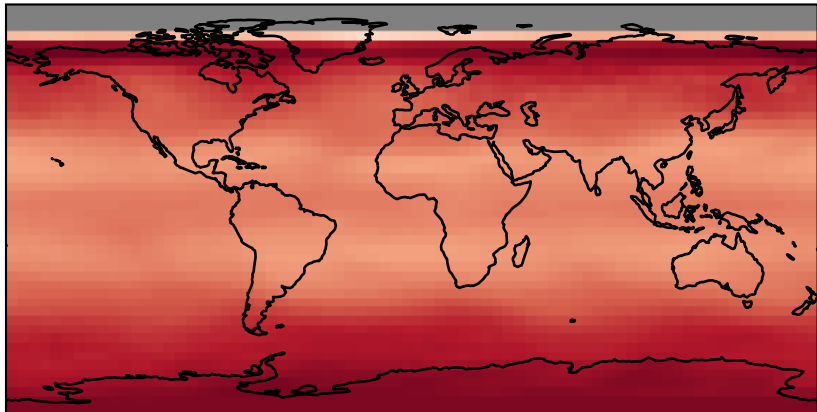
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range



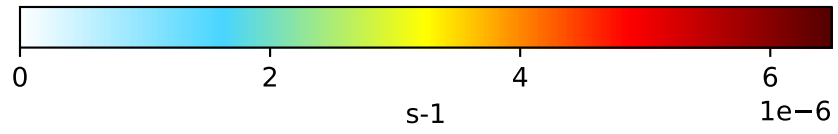
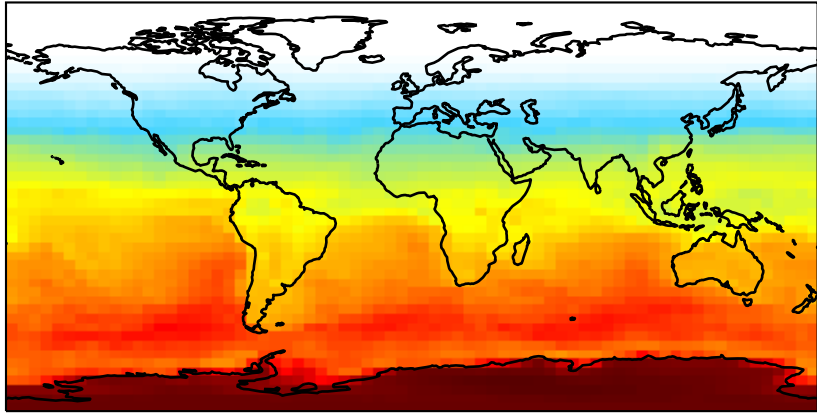
Ratio  
Dev/Ref, Fixed Range



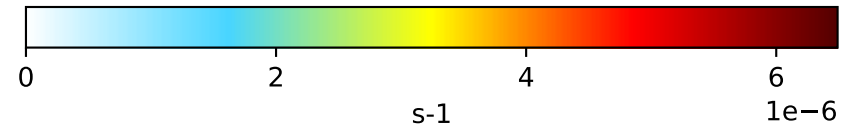
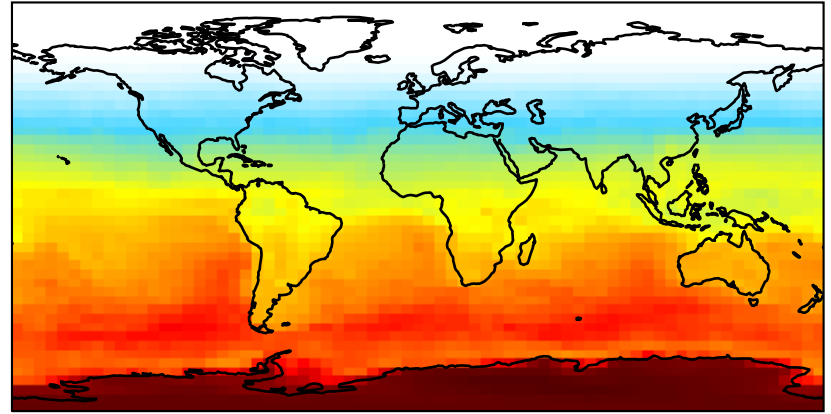


# Jval\_RIPA (Jan2019)

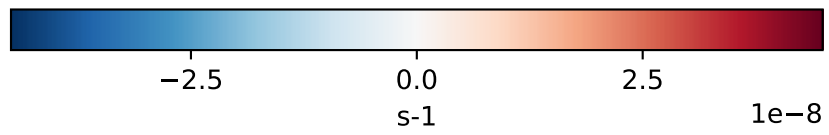
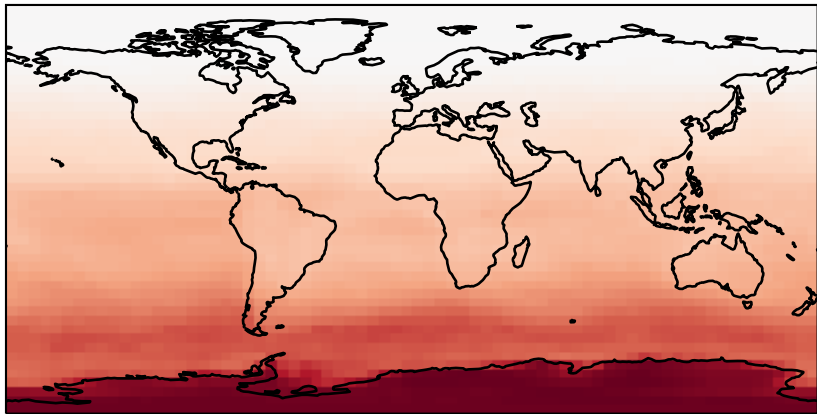
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



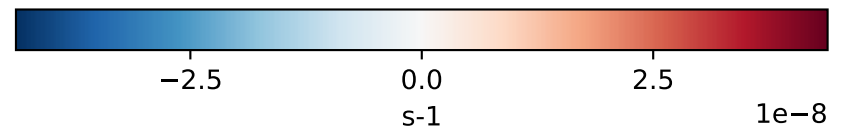
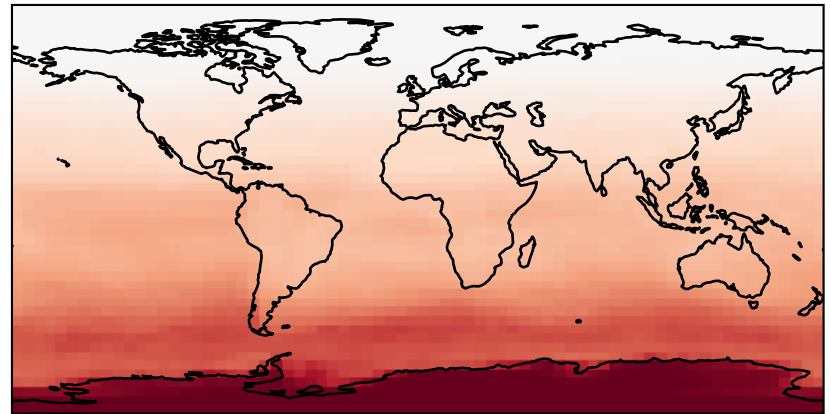
GCC\_13.0.0 (Dev)  
4.0x5.0



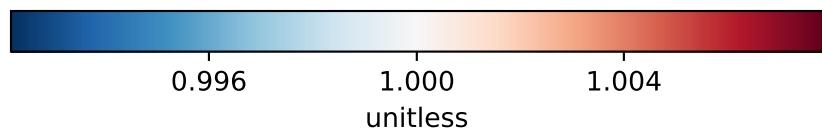
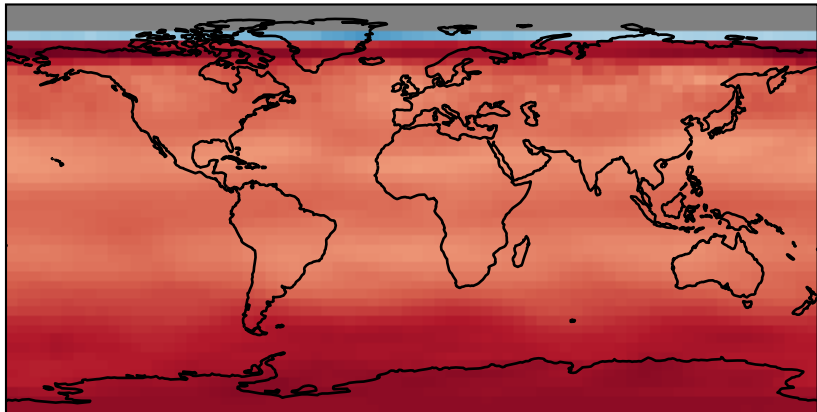
Difference  
Dev - Ref, Dynamic Range



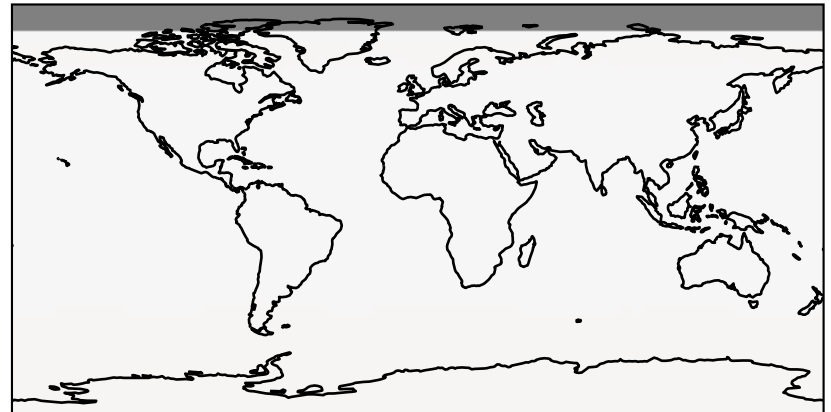
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

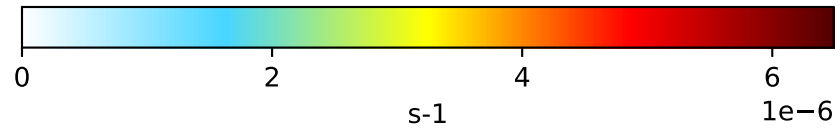
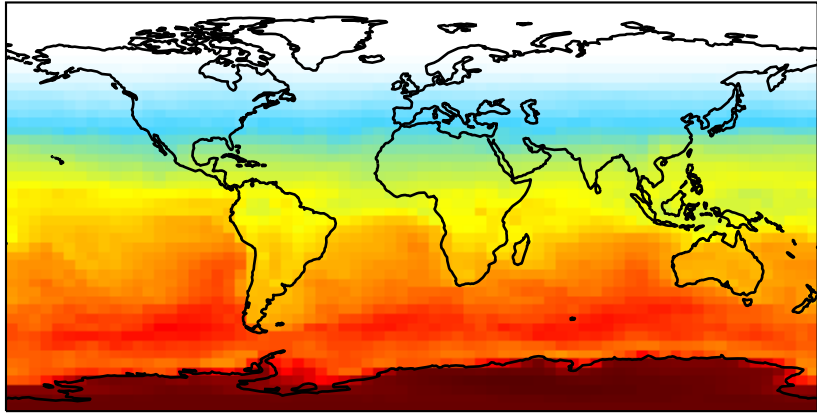


Ratio  
Dev/Ref, Fixed Range

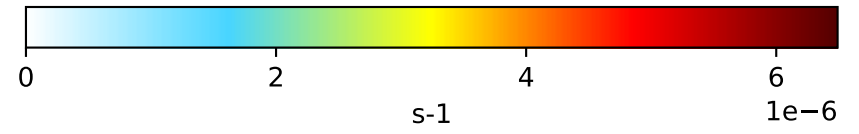
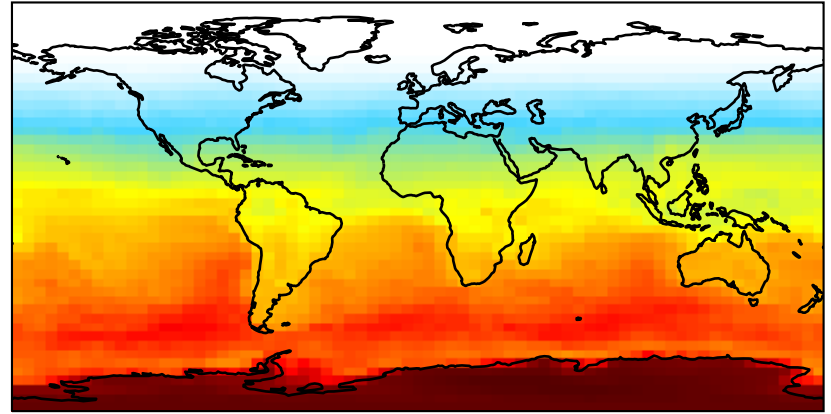


# Jval\_RIPB (Jan2019)

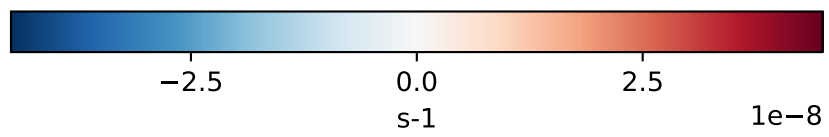
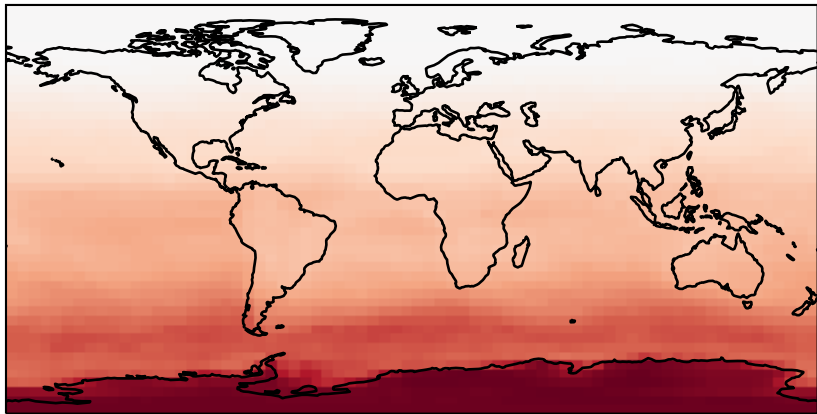
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



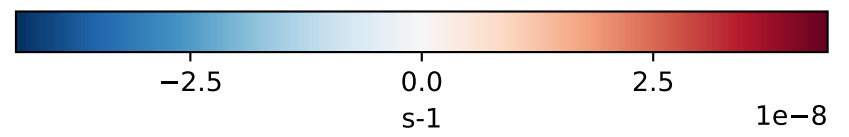
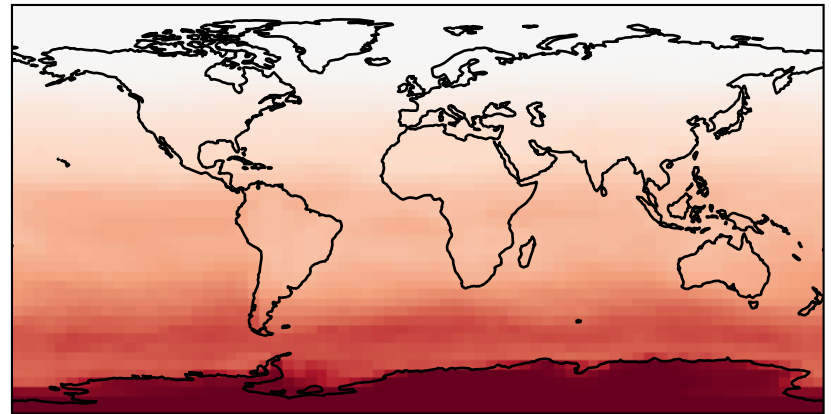
GCC\_13.0.0 (Dev)  
4.0x5.0



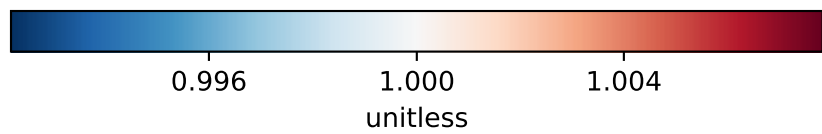
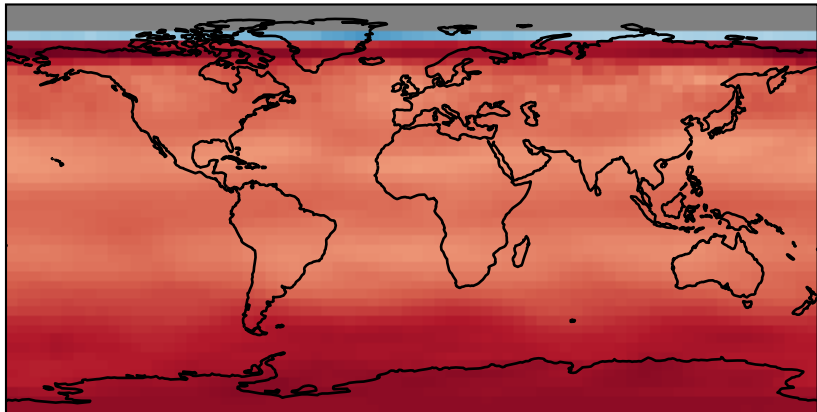
Difference  
Dev - Ref, Dynamic Range



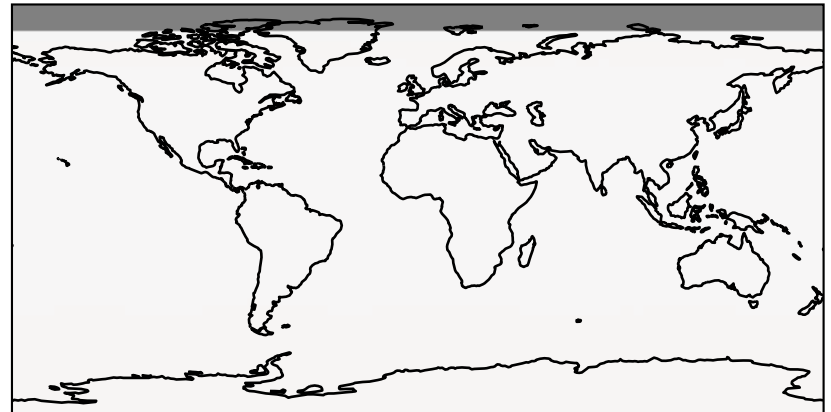
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

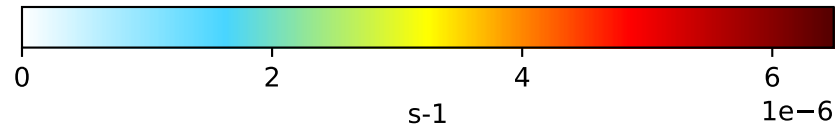
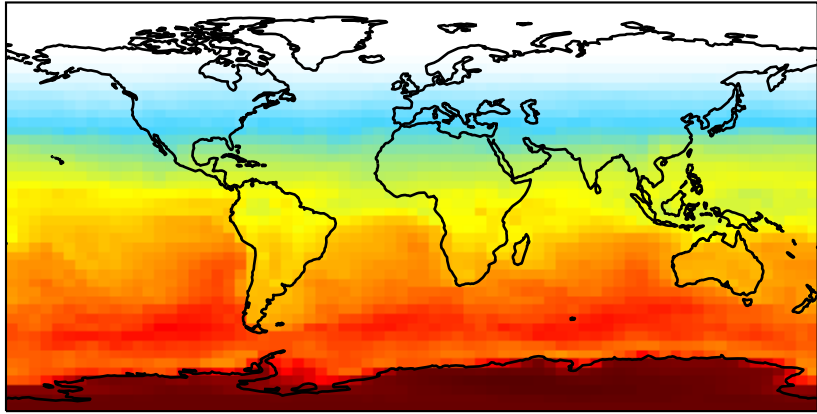


Ratio  
Dev/Ref, Fixed Range

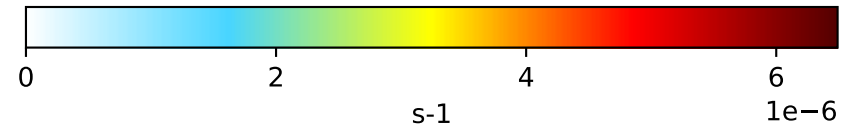
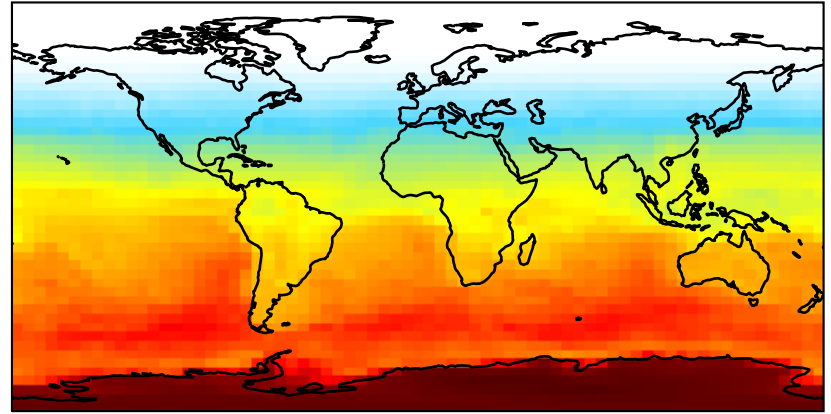


# Jval\_RIPC (Jan2019)

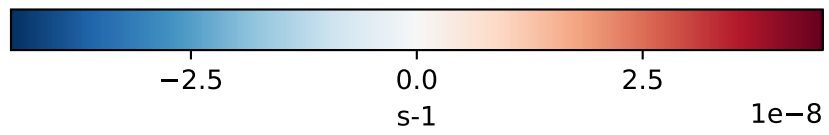
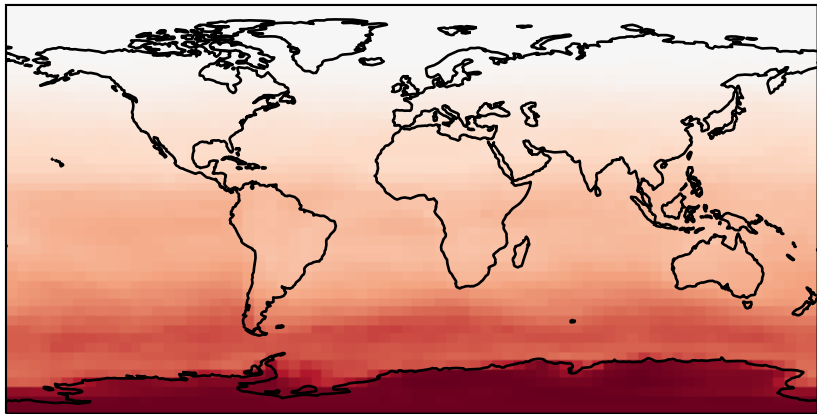
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



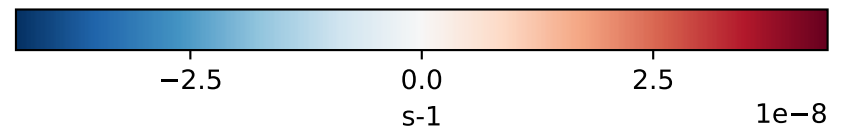
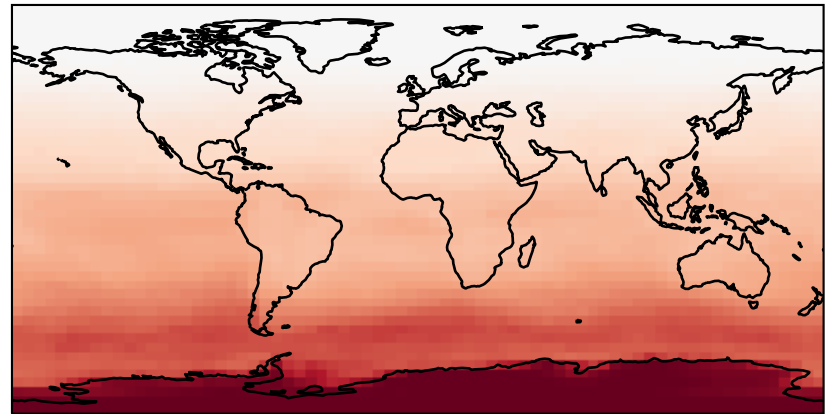
GCC\_13.0.0 (Dev)  
4.0x5.0



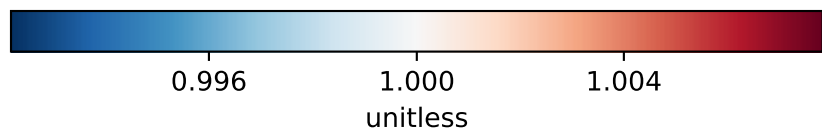
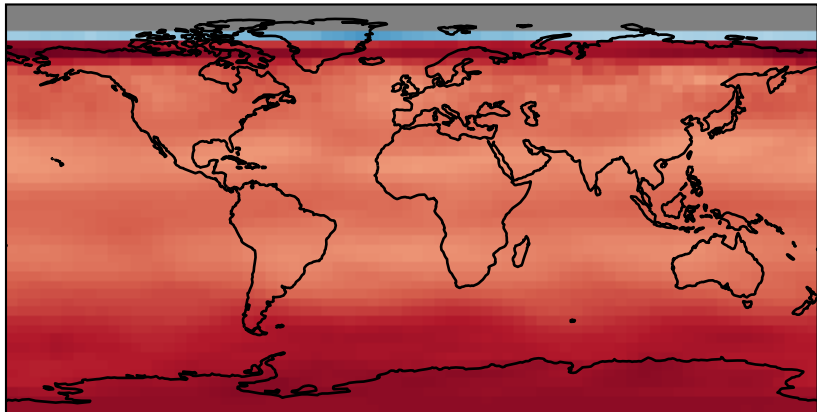
Difference  
Dev - Ref, Dynamic Range



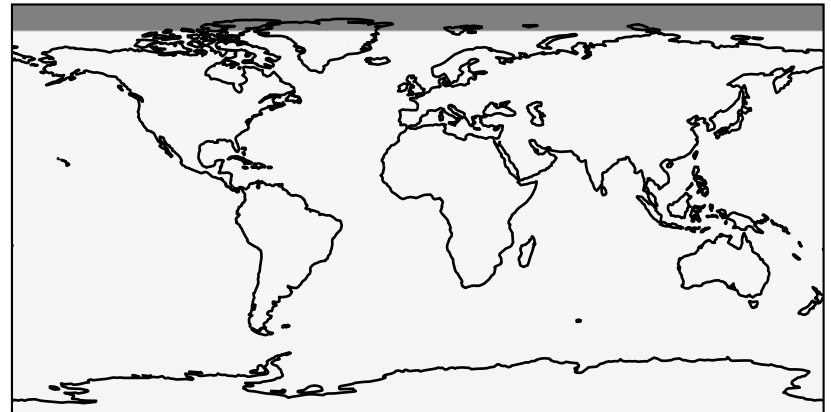
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

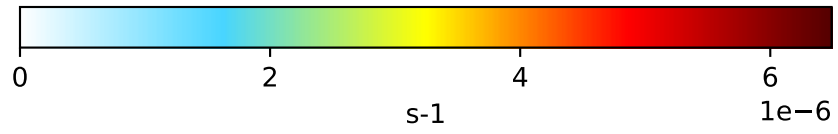
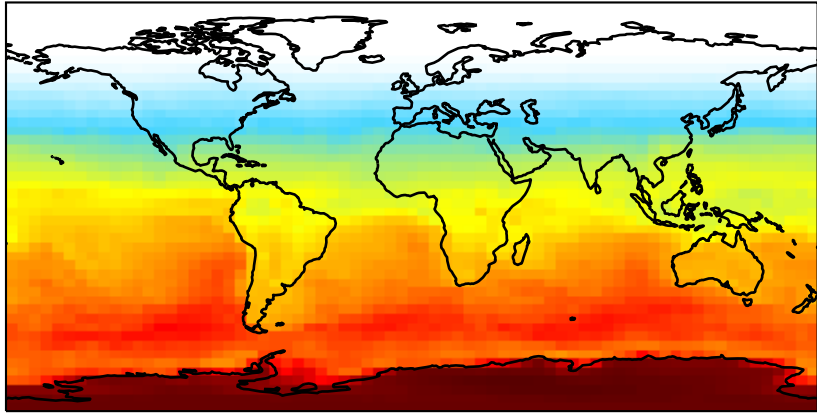


Ratio  
Dev/Ref, Fixed Range

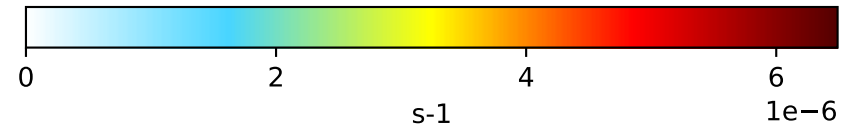
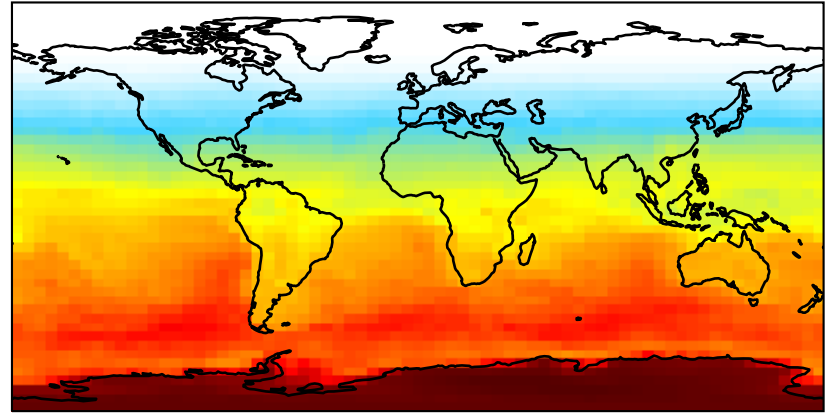


# Jval\_RIPD (Jan2019)

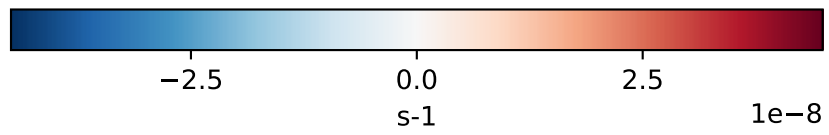
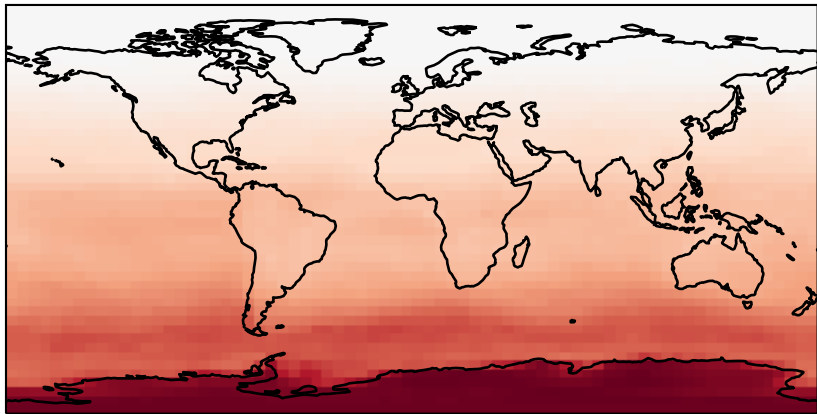
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



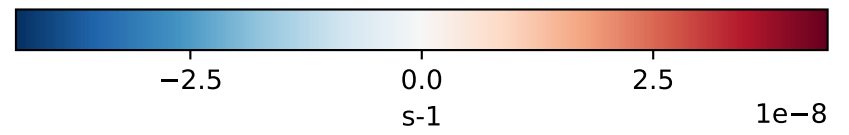
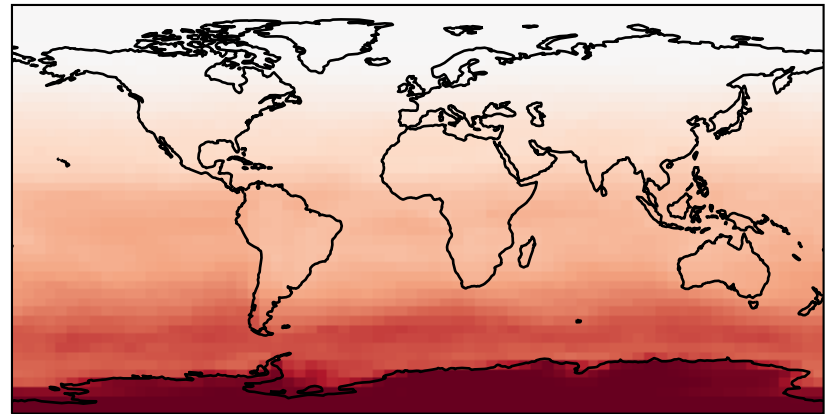
GCC\_13.0.0 (Dev)  
4.0x5.0



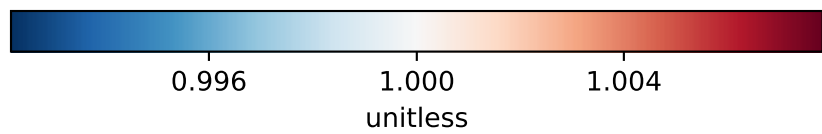
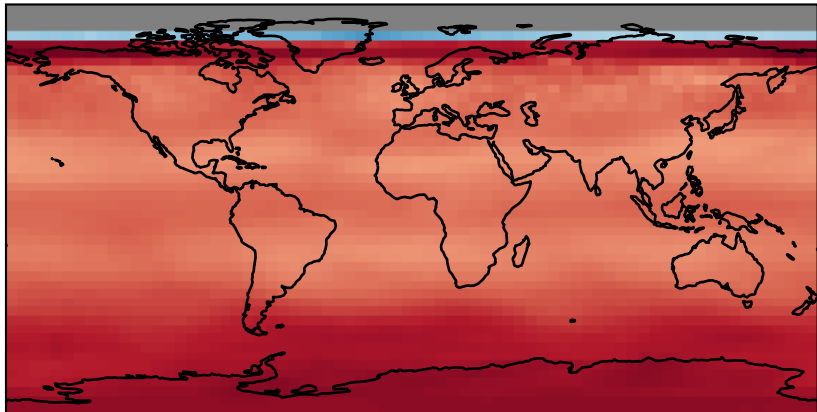
Difference  
Dev - Ref, Dynamic Range



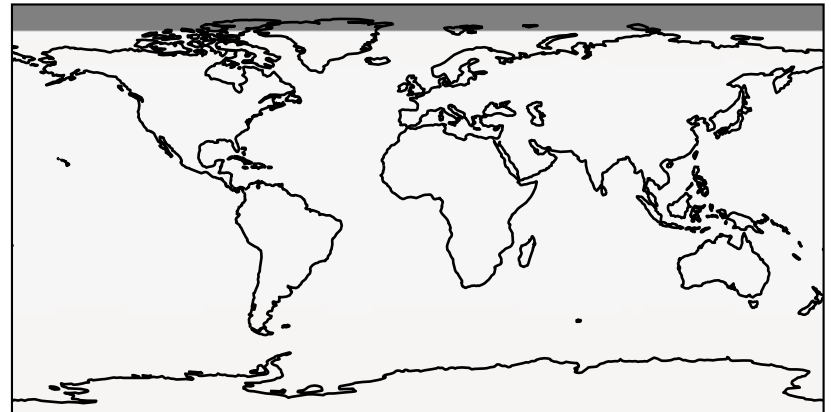
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

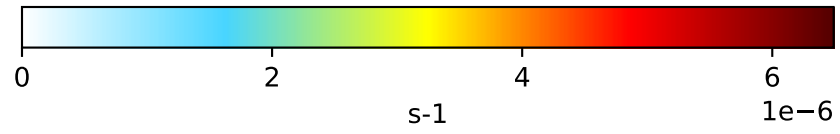
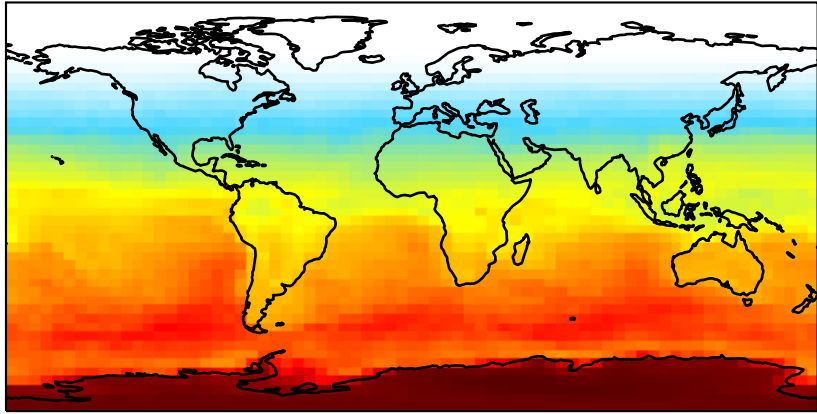


Ratio  
Dev/Ref, Fixed Range

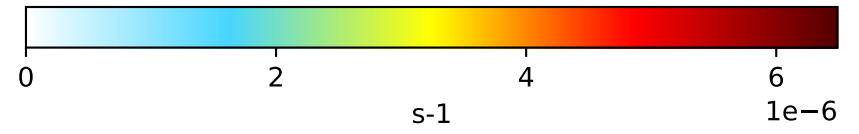
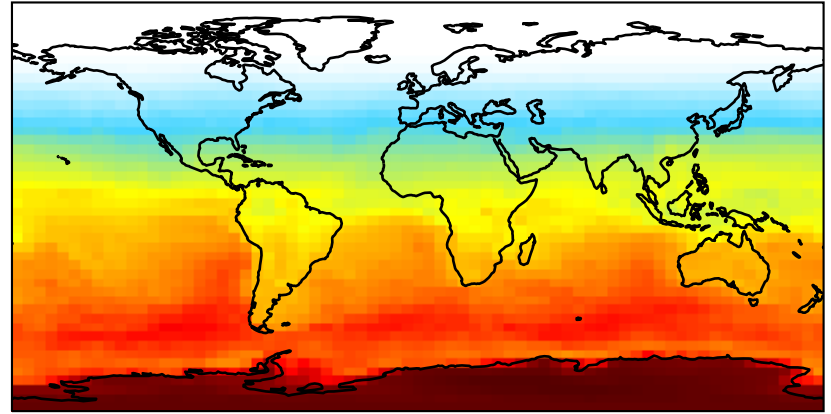


# Jval\_RP (Jan2019)

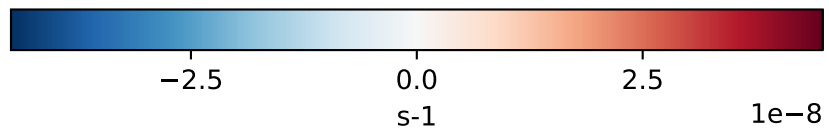
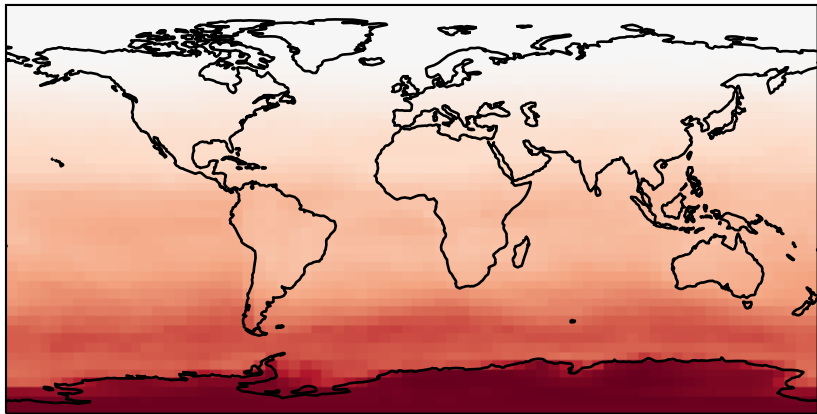
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



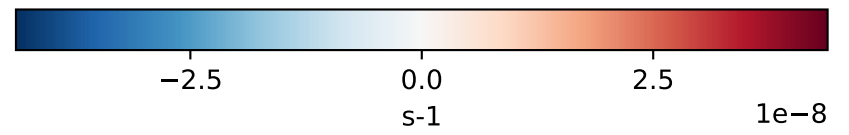
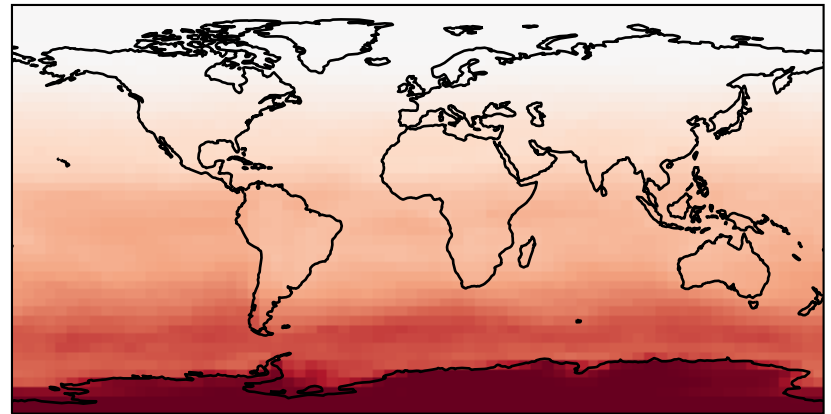
GCC\_13.0.0 (Dev)  
4.0x5.0



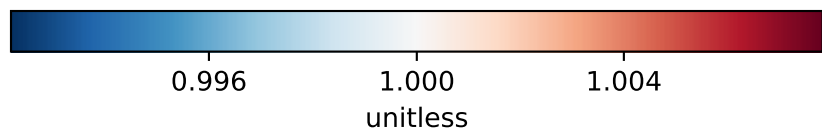
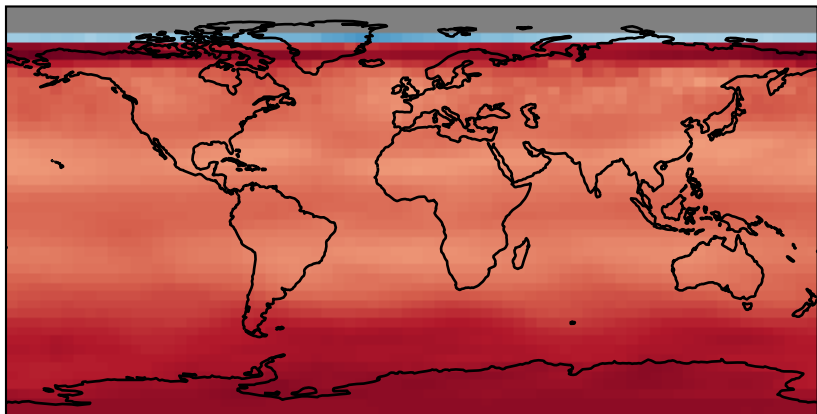
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range



Ratio  
Dev/Ref, Fixed Range





# Jval\_SO4 (Jan2019)

GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



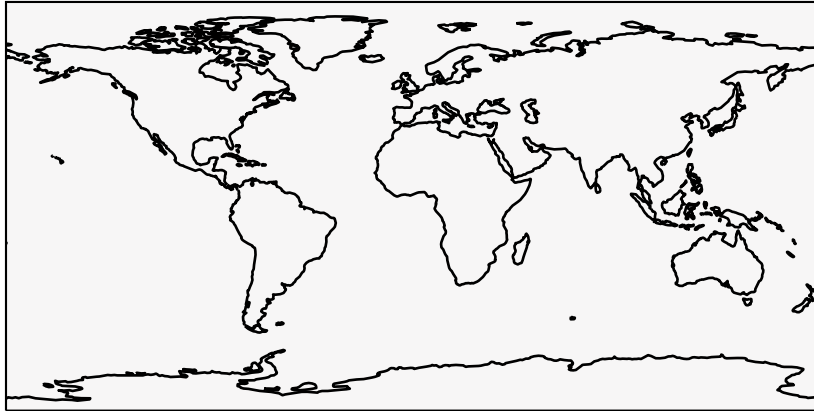
Zero throughout domain  
s-1

GCC\_13.0.0 (Dev)  
4.0x5.0



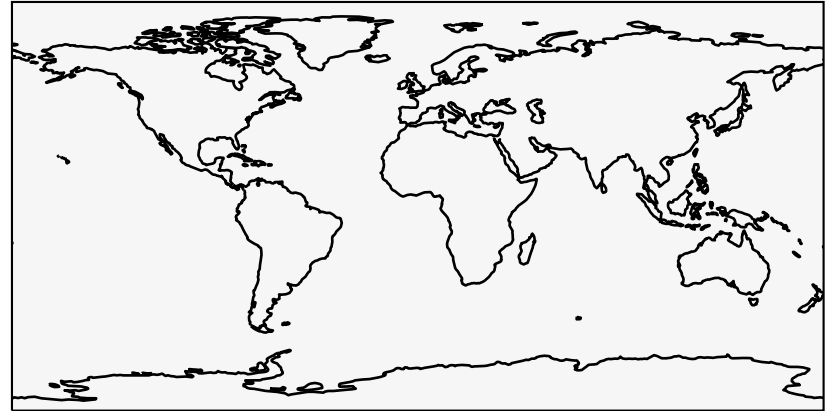
Zero throughout domain  
s-1

Difference  
Dev - Ref, Dynamic Range



Zero throughout domain  
s-1

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



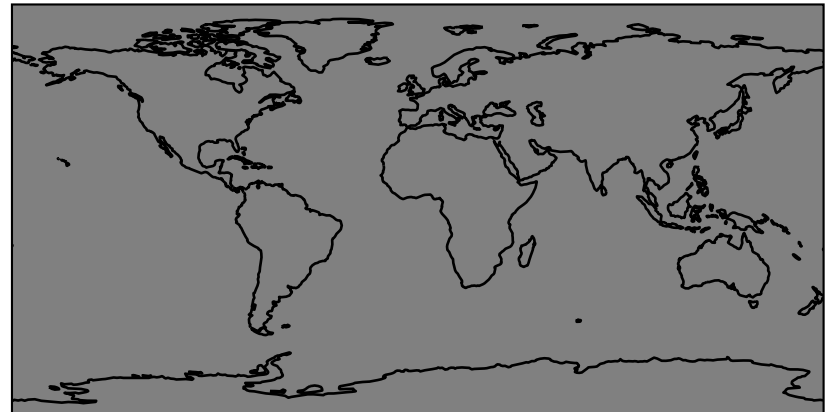
Zero throughout domain  
s-1

Ratio  
Dev/Ref, Dynamic Range



Undefined throughout domain  
unitless

Ratio  
Dev/Ref, Fixed Range



Undefined throughout domain  
unitless