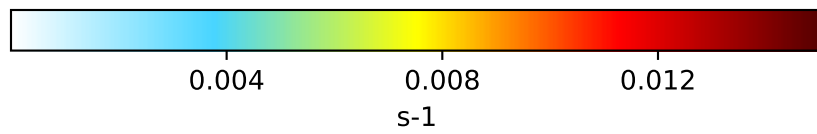
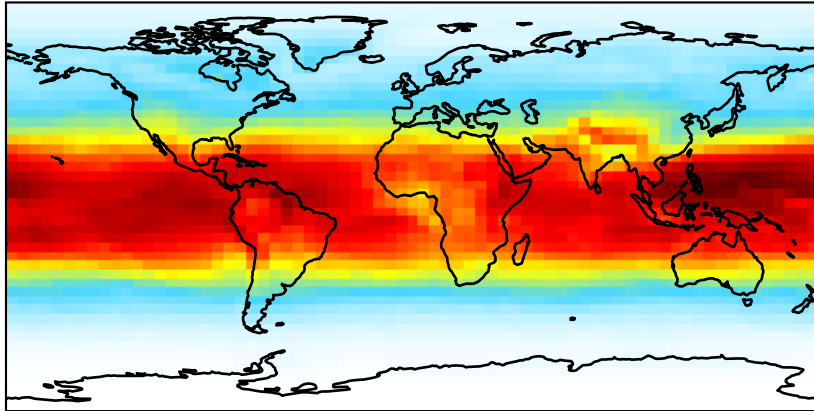
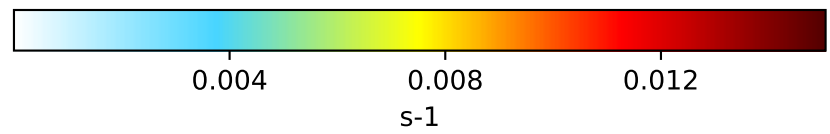
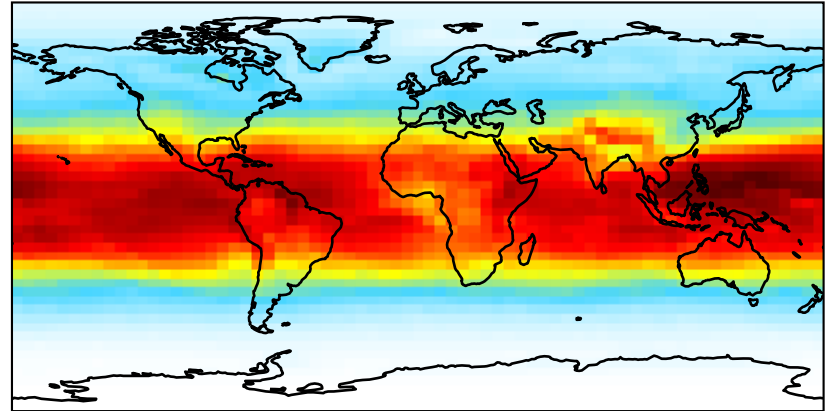


# JvalO301D (Apr2019)

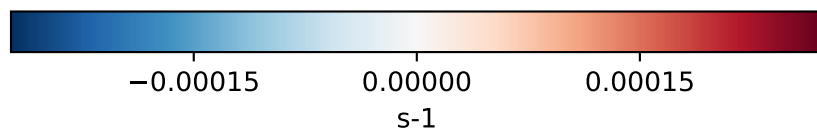
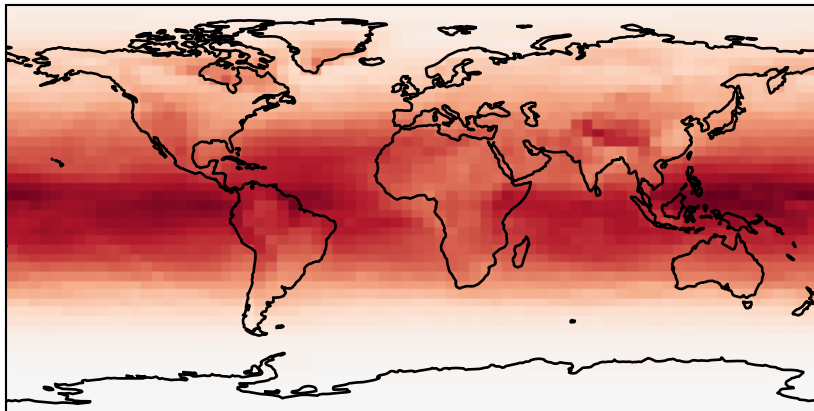
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



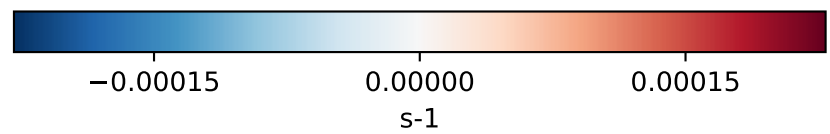
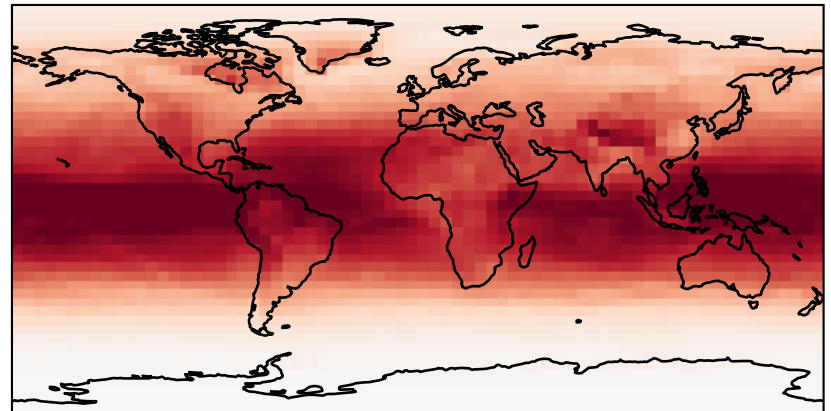
GCC\_13.0.0 (Dev)  
4.0x5.0



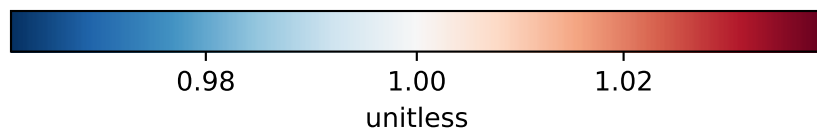
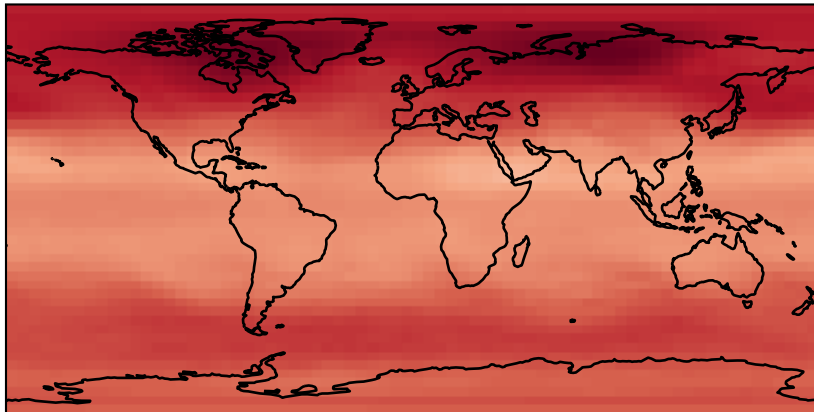
Difference  
Dev - Ref, Dynamic Range



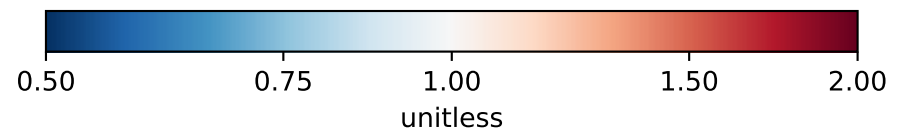
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

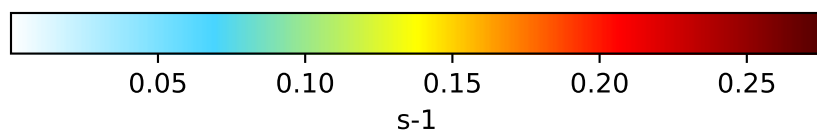
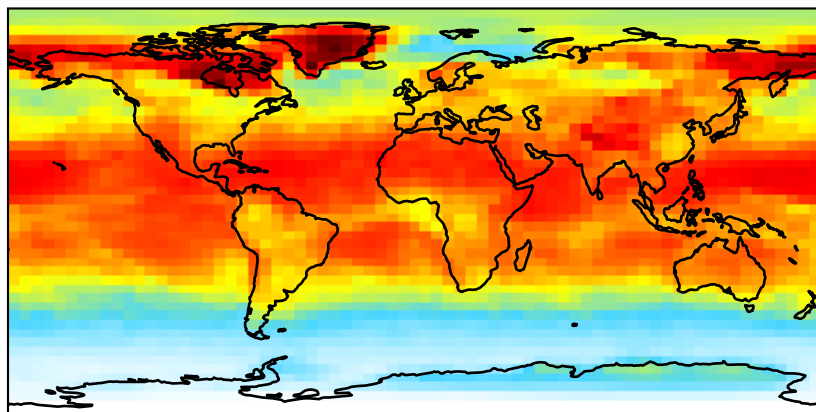


Ratio  
Dev/Ref, Fixed Range

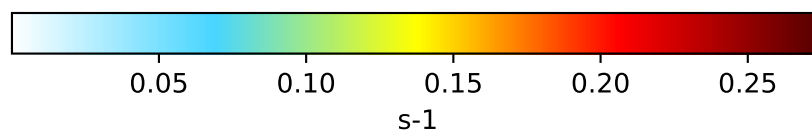
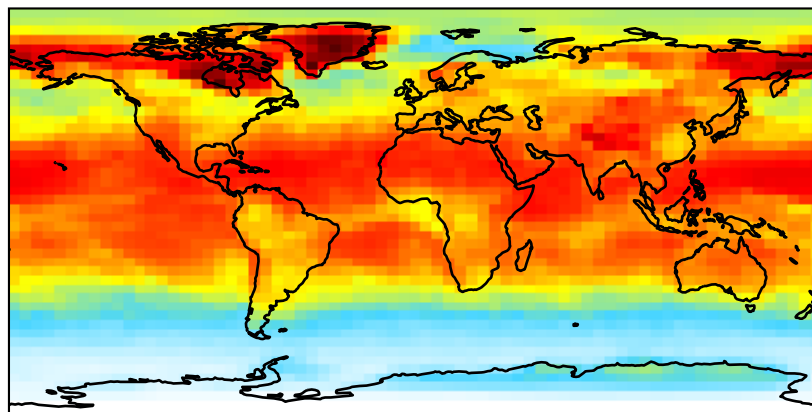


# JvalO3O3P (Apr2019)

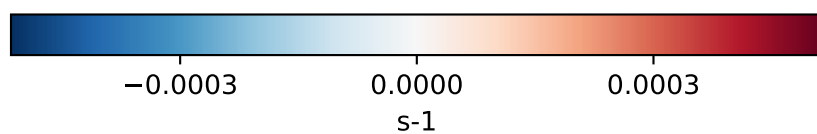
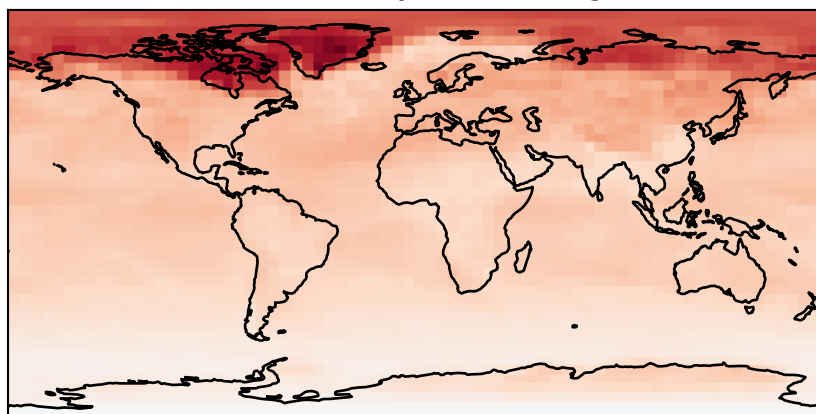
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



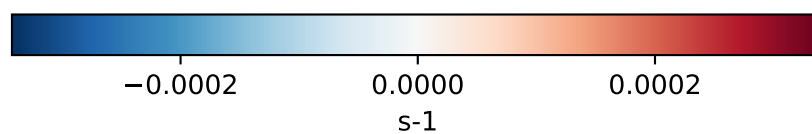
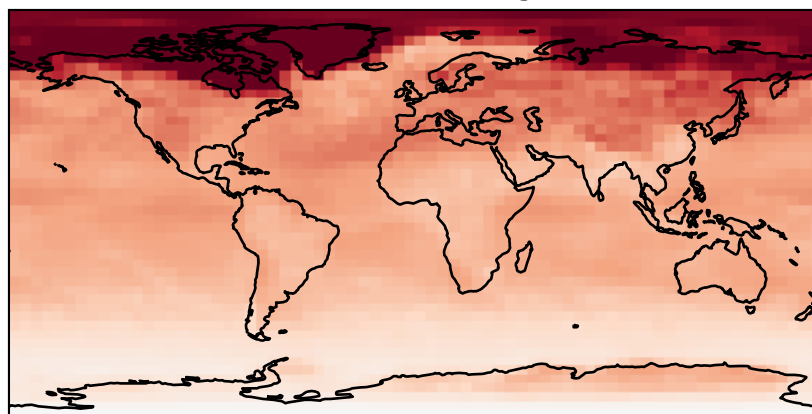
GCC\_13.0.0 (Dev)  
4.0x5.0



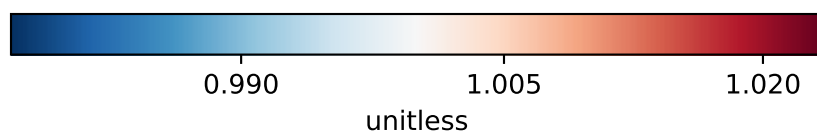
Difference  
Dev - Ref, Dynamic Range



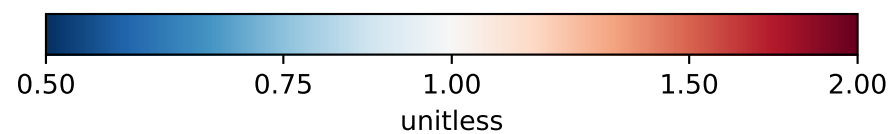
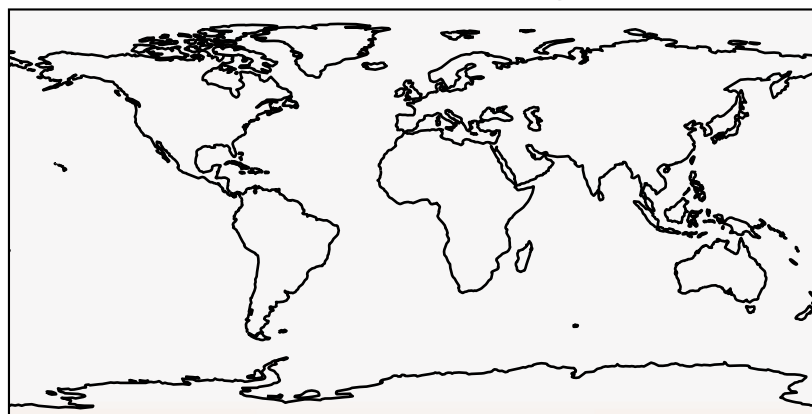
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



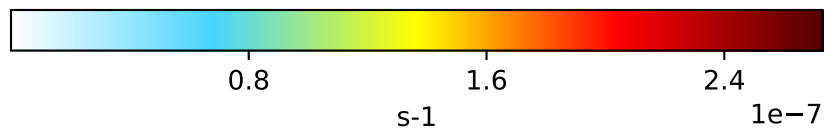
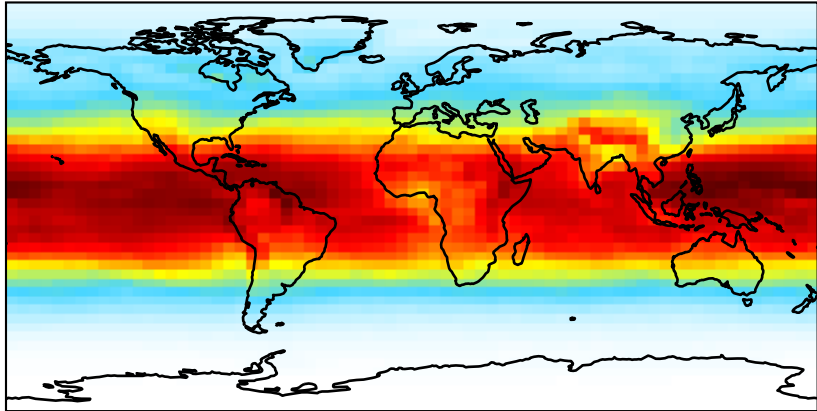
Ratio  
Dev/Ref, Fixed Range



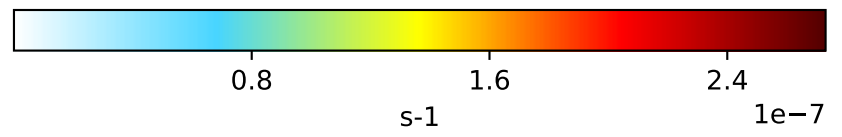
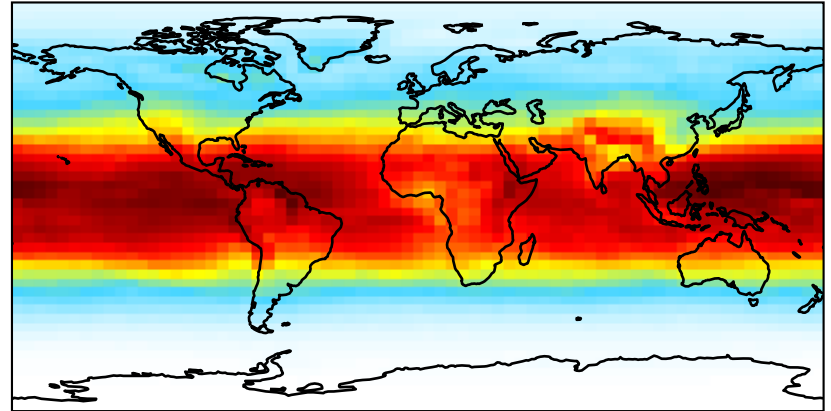


# Jval\_ACET (Apr2019)

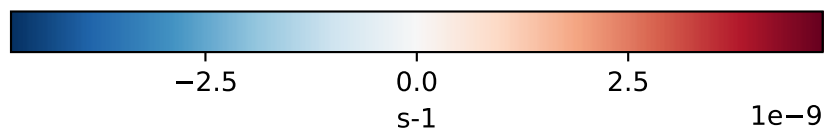
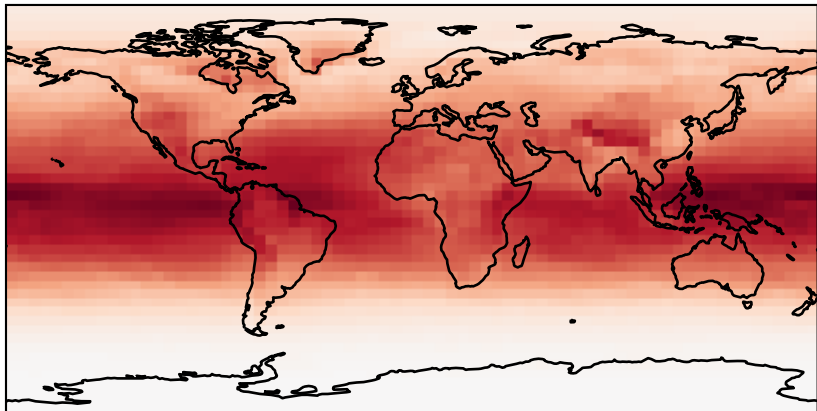
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



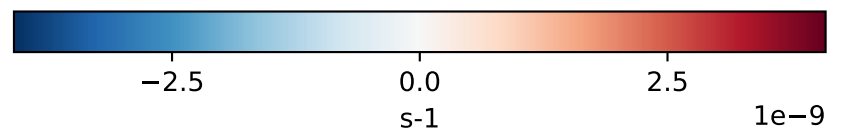
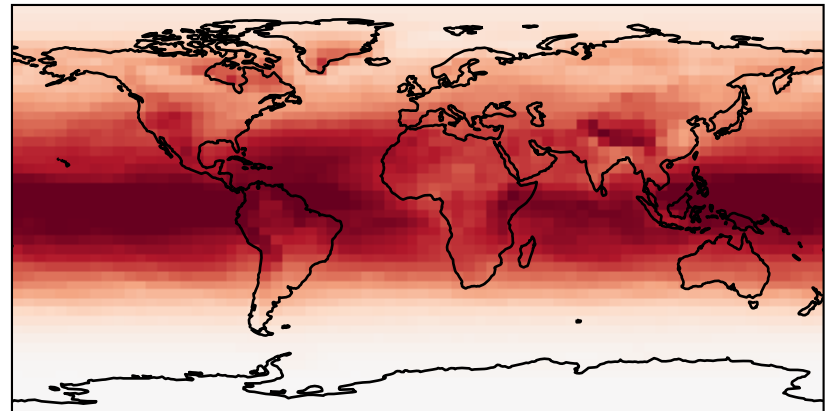
GCC\_13.0.0 (Dev)  
4.0x5.0



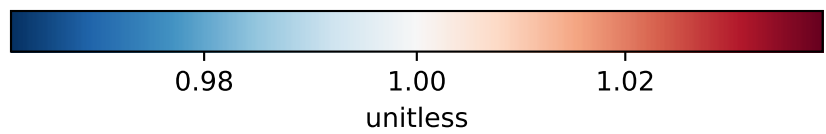
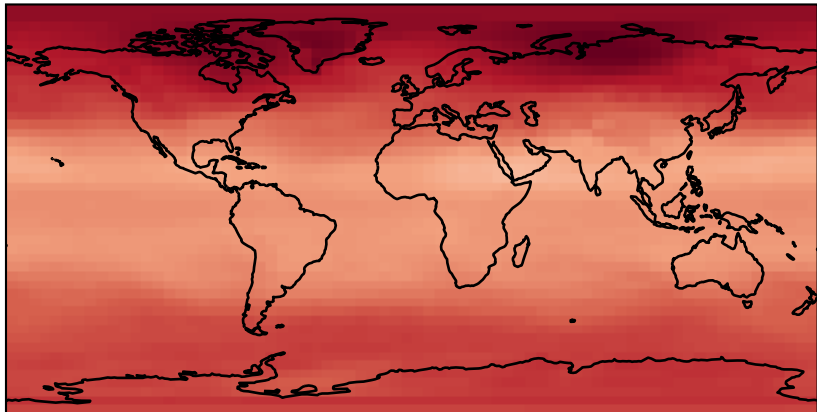
Difference  
Dev - Ref, Dynamic Range



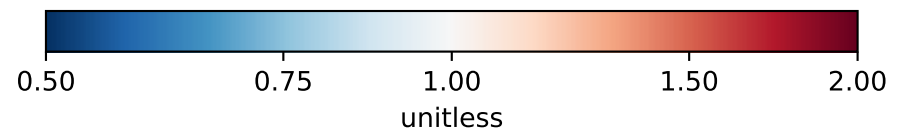
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

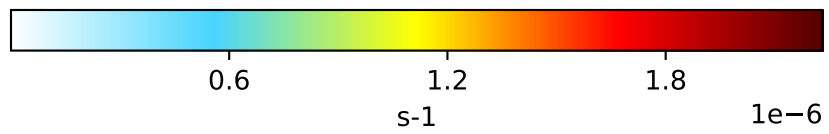
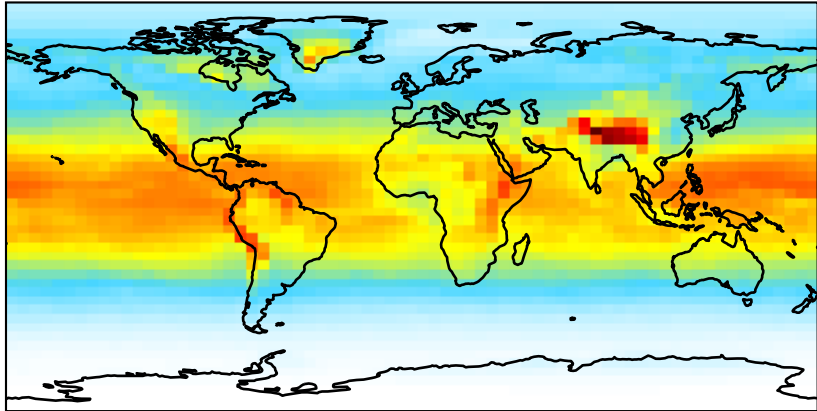


Ratio  
Dev/Ref, Fixed Range

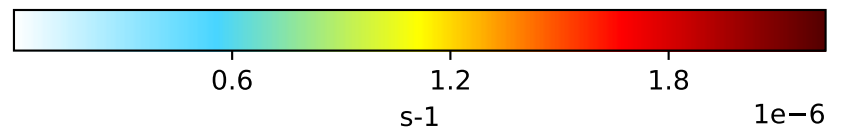
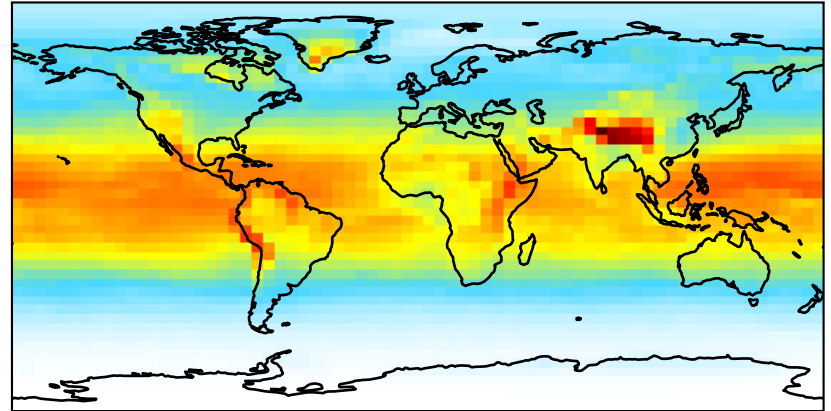


# Jval\_ALD2 (Apr2019)

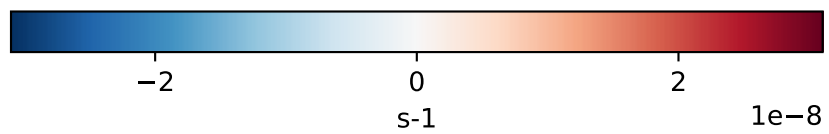
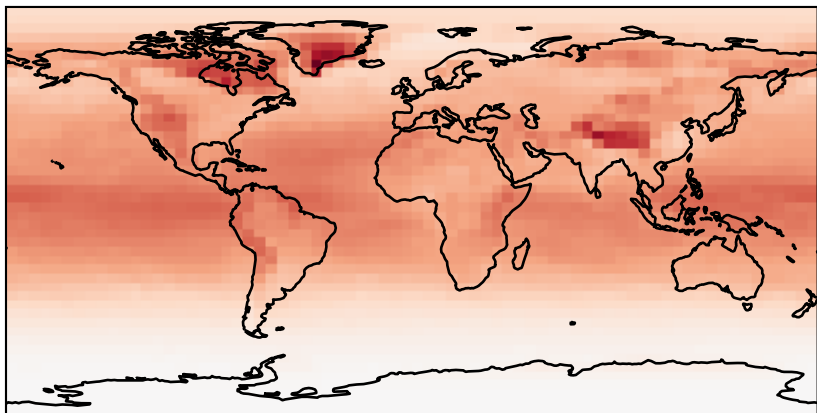
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



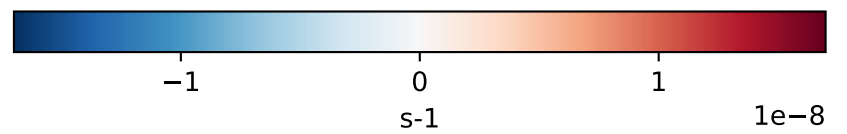
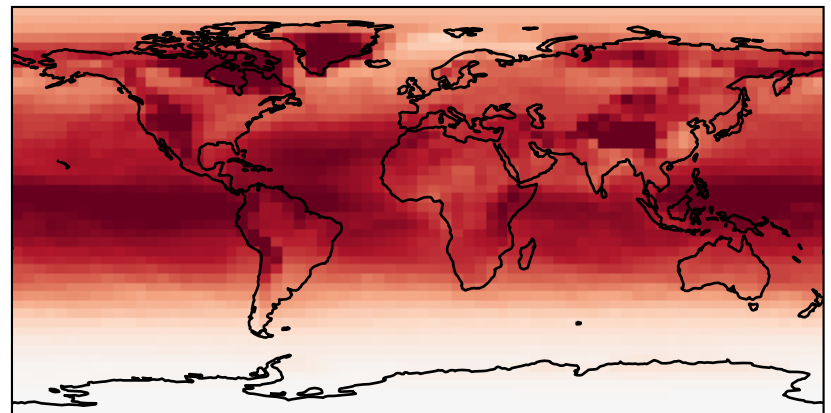
GCC\_13.0.0 (Dev)  
4.0x5.0



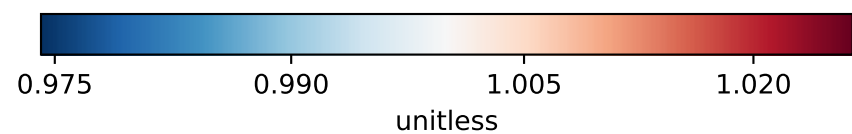
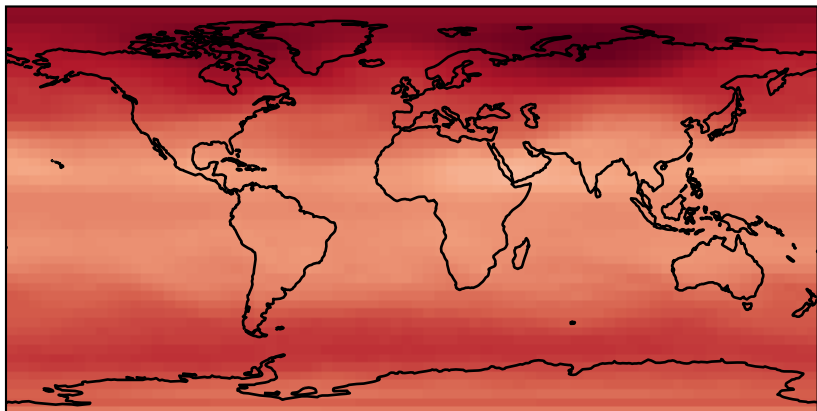
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

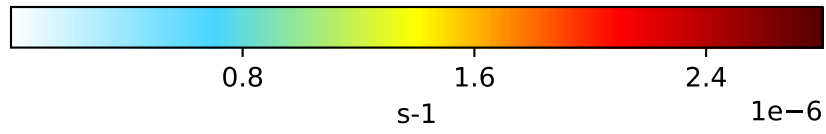
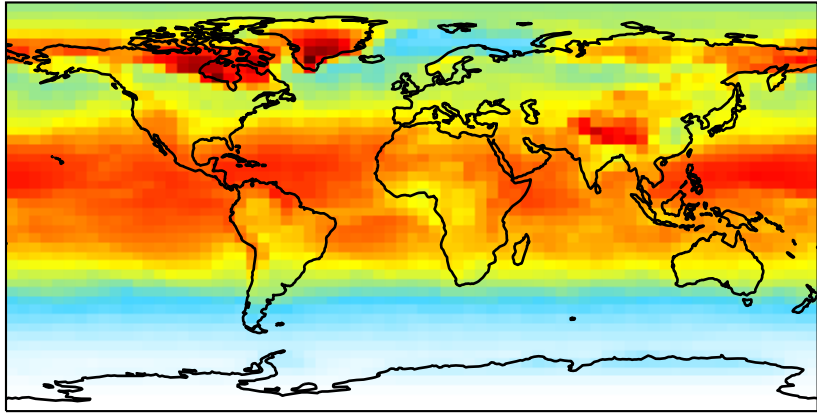


Ratio  
Dev/Ref, Fixed Range

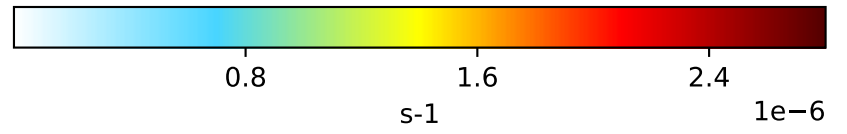
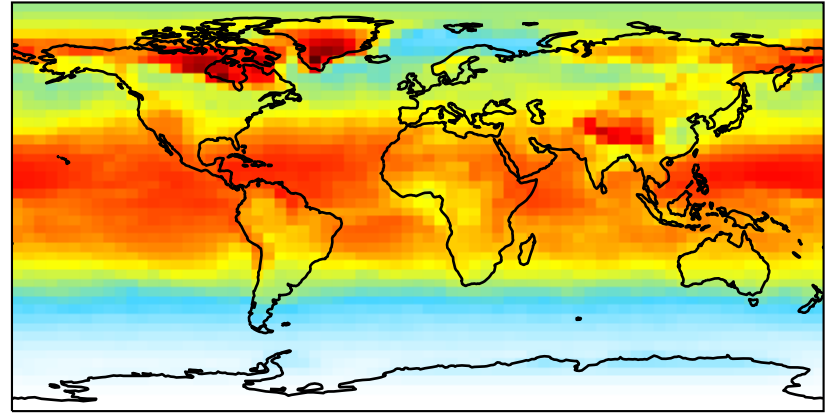


# Jval\_ATOOH (Apr2019)

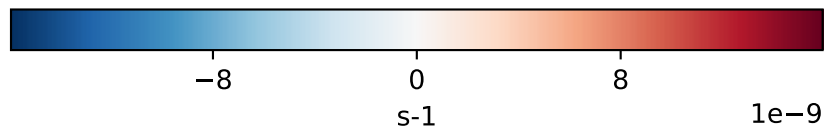
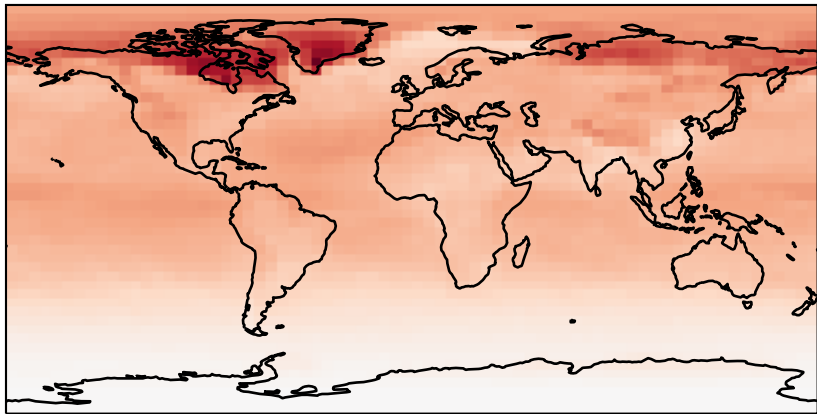
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



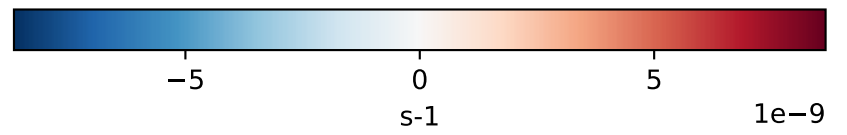
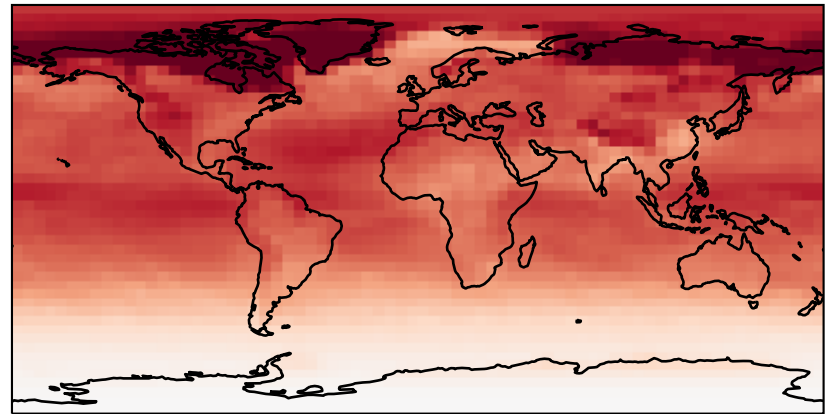
GCC\_13.0.0 (Dev)  
4.0x5.0



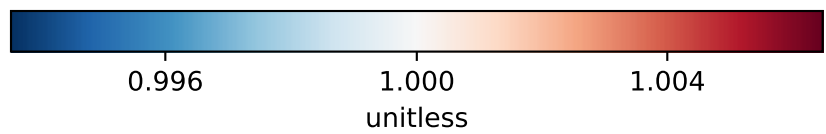
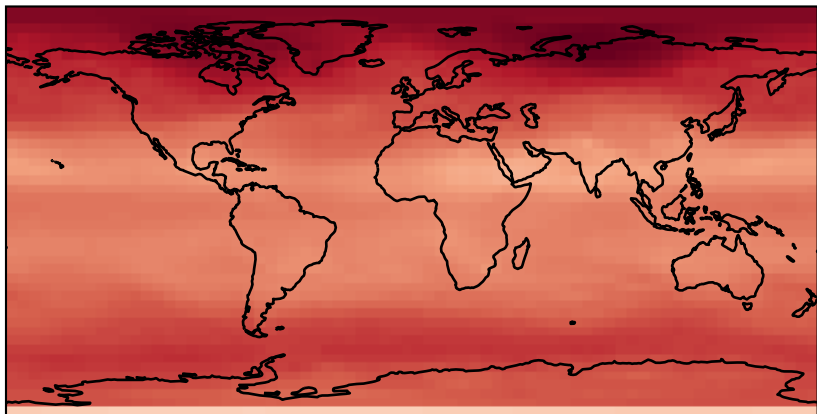
Difference  
Dev - Ref, Dynamic Range



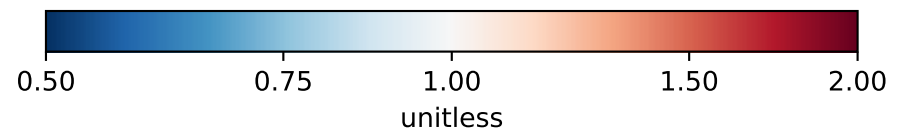
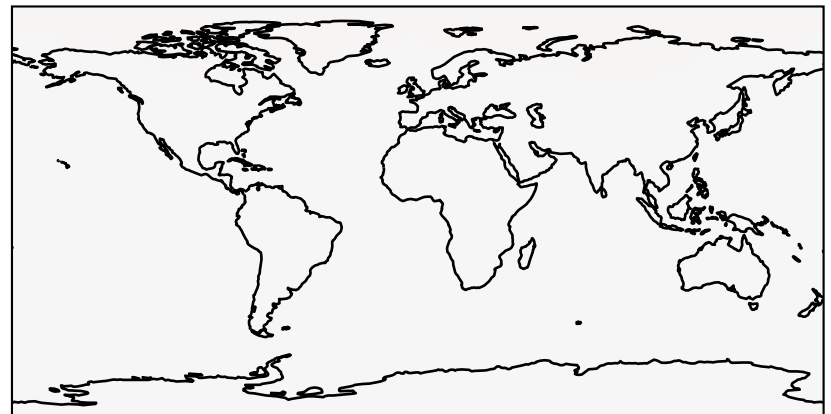
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

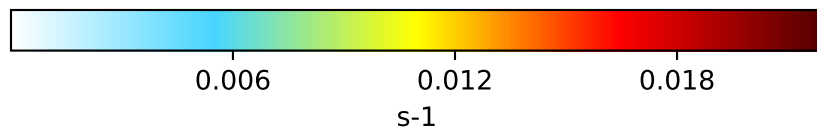
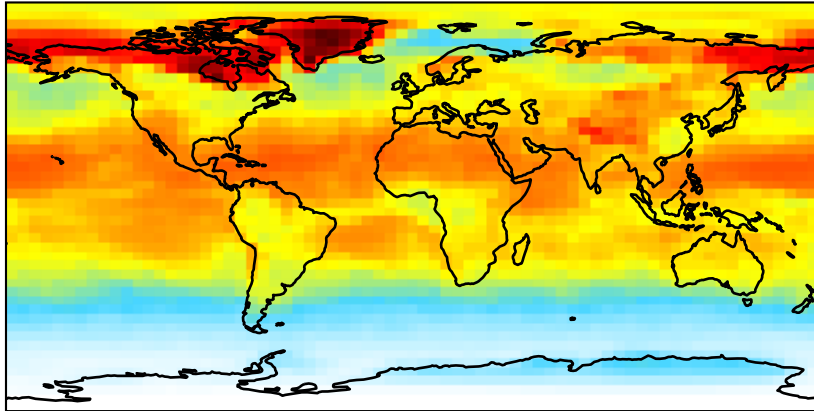


Ratio  
Dev/Ref, Fixed Range

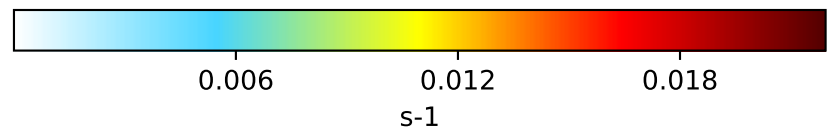
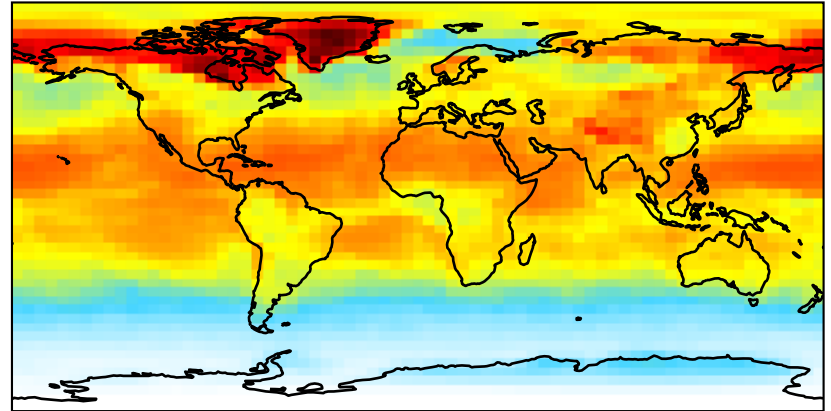


# Jval\_Br2 (Apr2019)

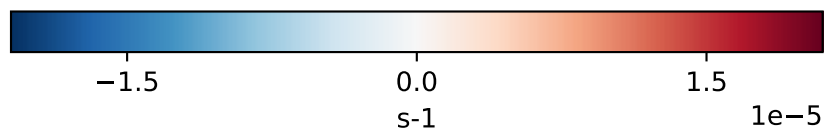
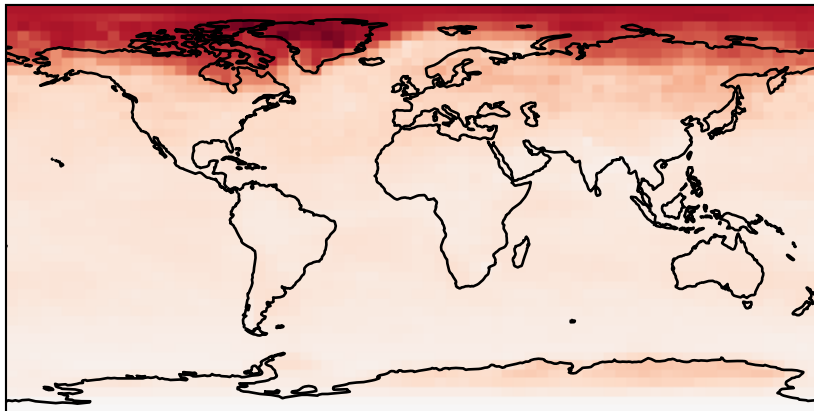
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



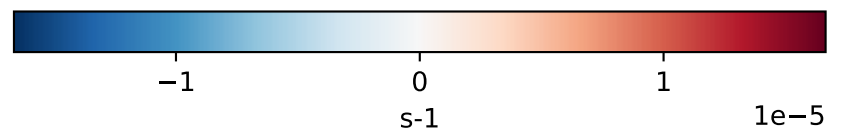
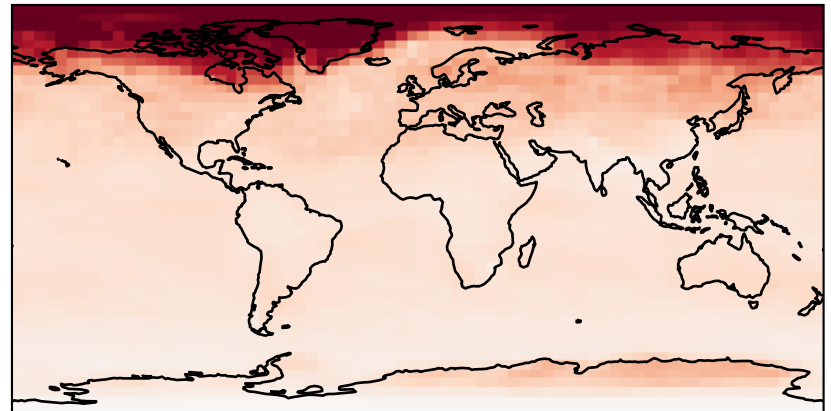
GCC\_13.0.0 (Dev)  
4.0x5.0



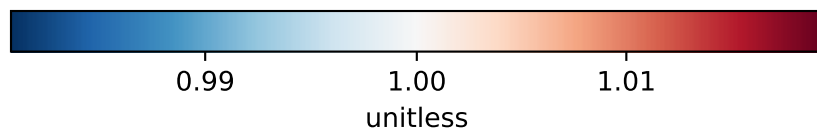
Difference  
Dev - Ref, Dynamic Range



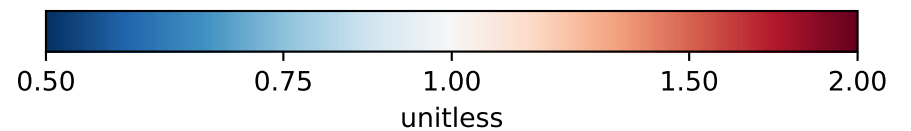
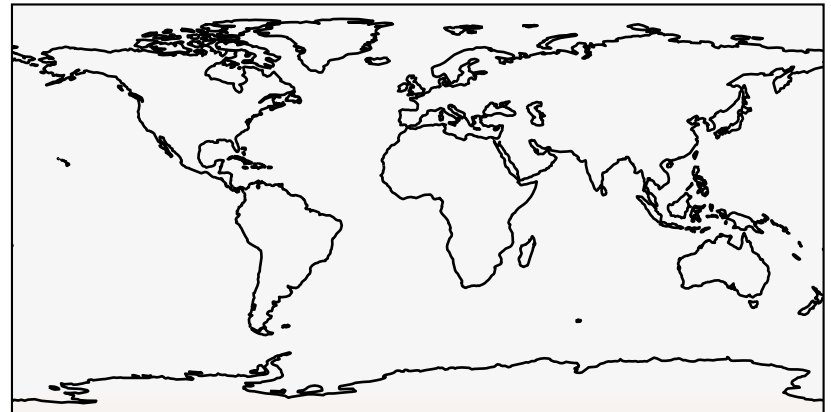
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

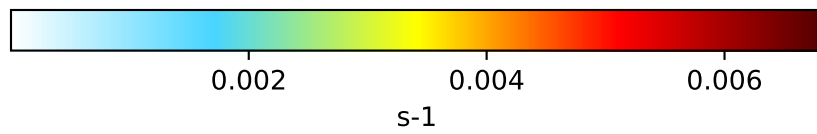
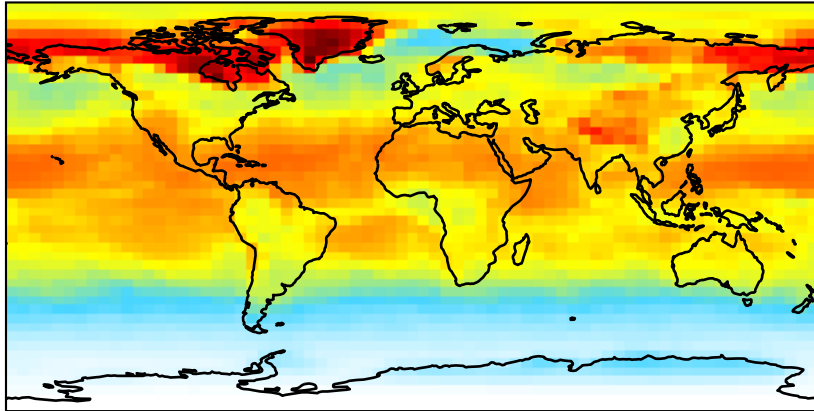


Ratio  
Dev/Ref, Fixed Range

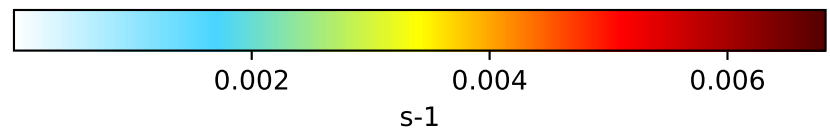
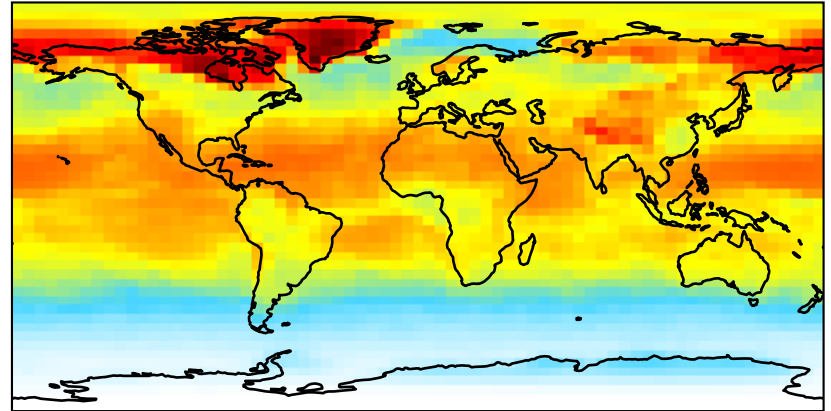


# Jval\_BrCl (Apr2019)

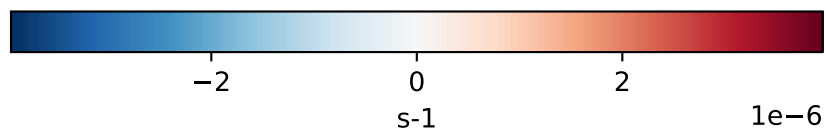
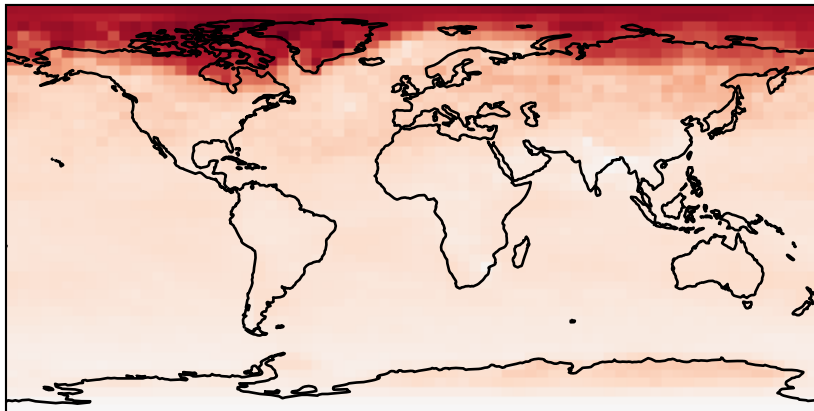
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



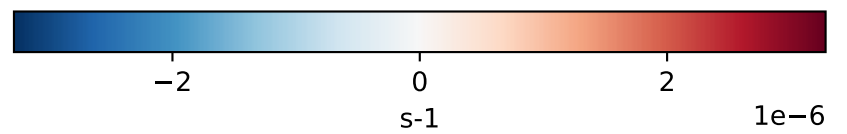
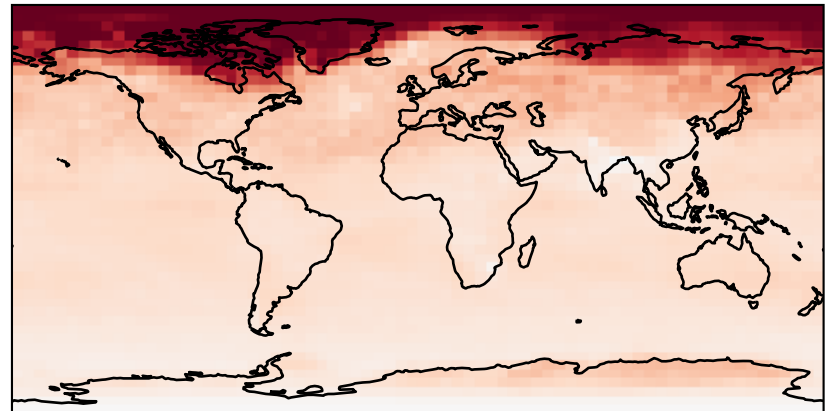
GCC\_13.0.0 (Dev)  
4.0x5.0



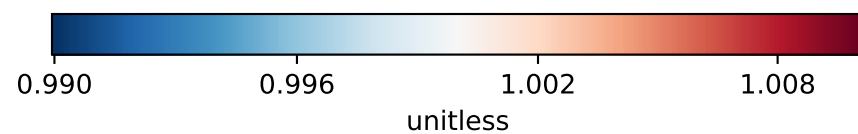
Difference  
Dev - Ref, Dynamic Range



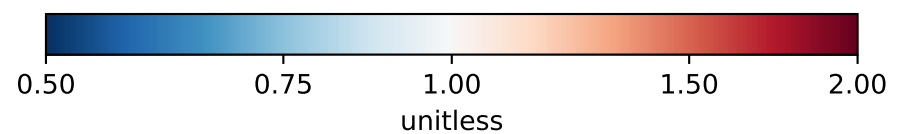
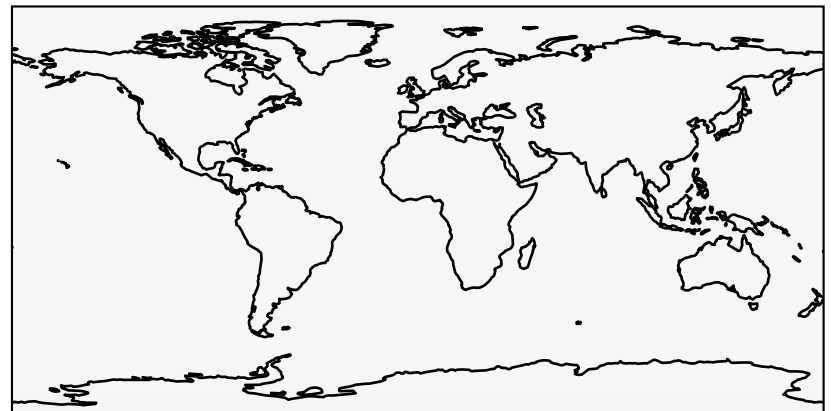
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



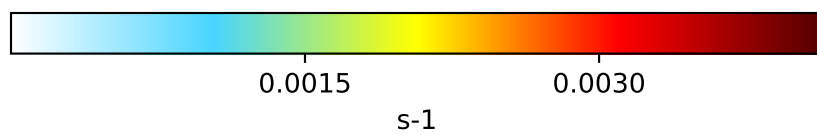
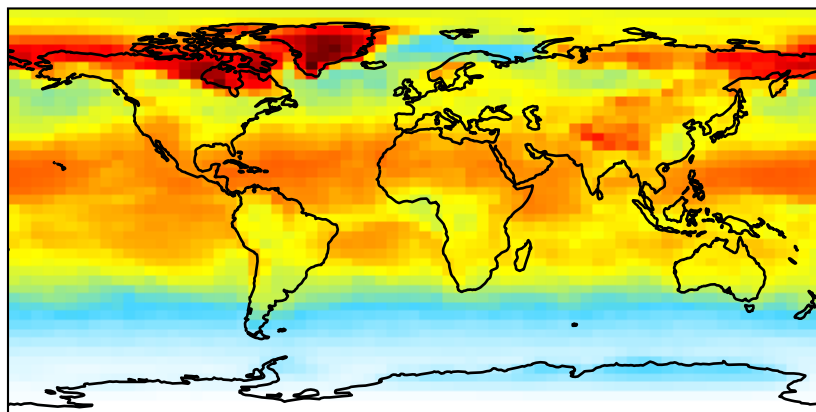
Ratio  
Dev/Ref, Fixed Range



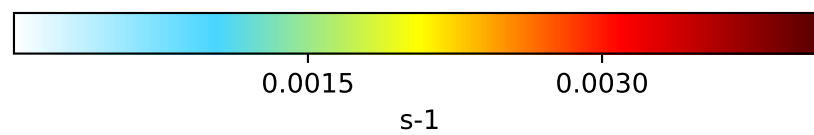
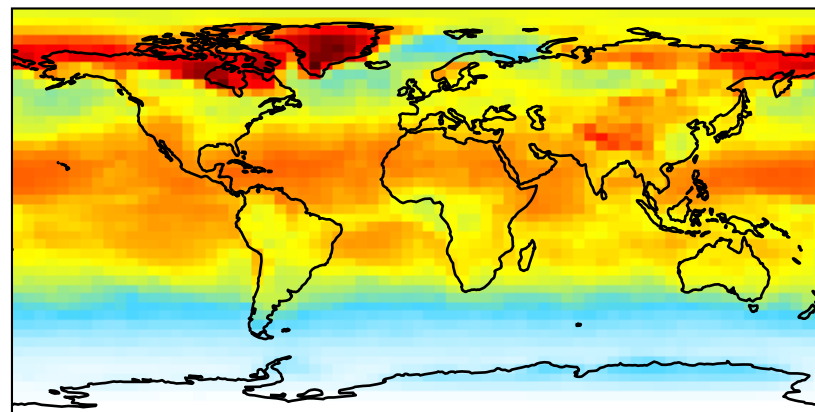


# Jval\_BrNO2 (Apr2019)

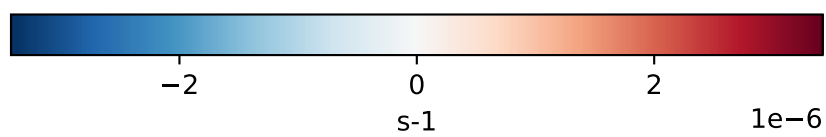
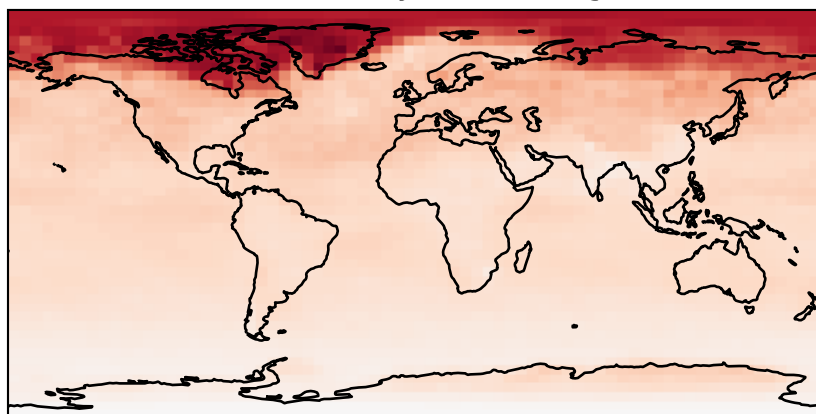
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



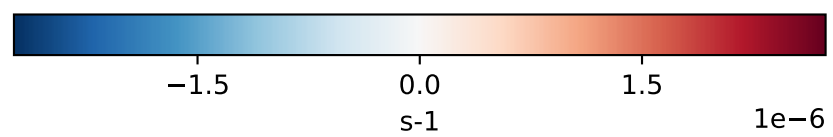
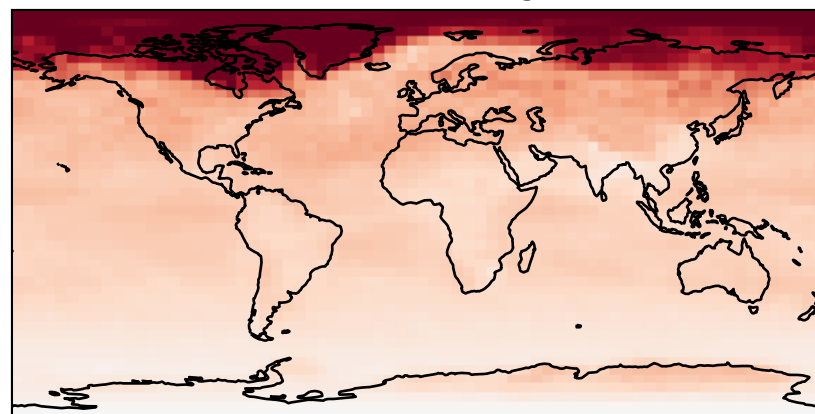
GCC\_13.0.0 (Dev)  
4.0x5.0



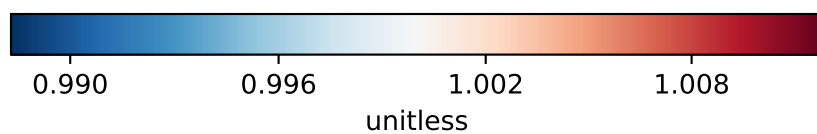
Difference  
Dev - Ref, Dynamic Range



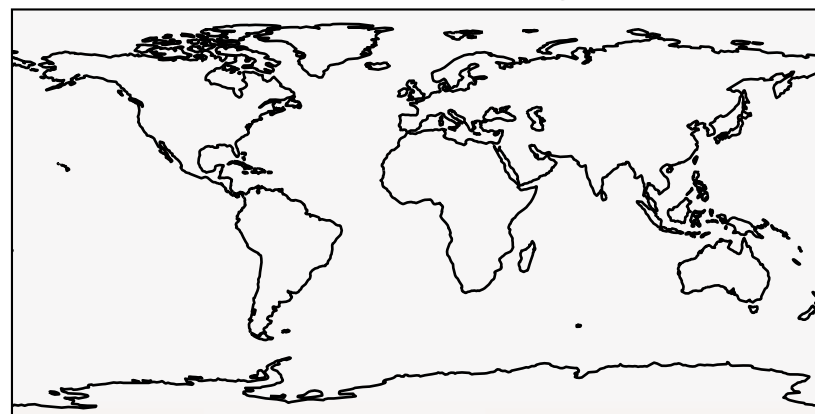
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

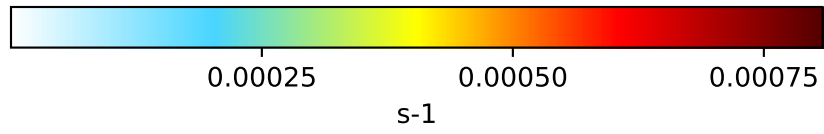
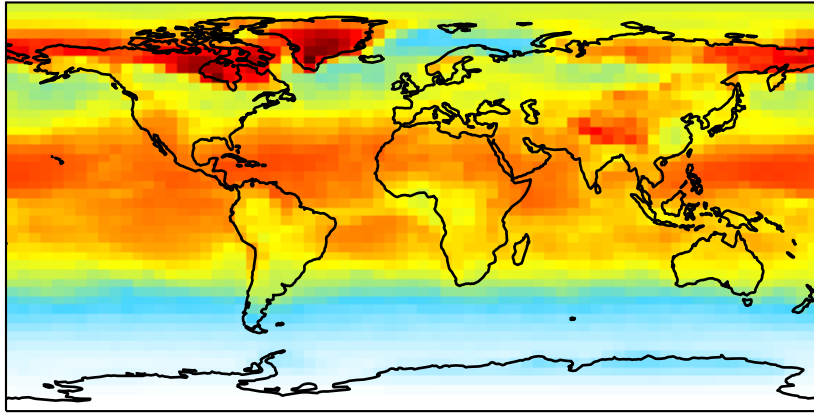


Ratio  
Dev/Ref, Fixed Range

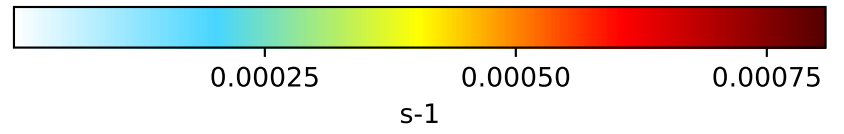
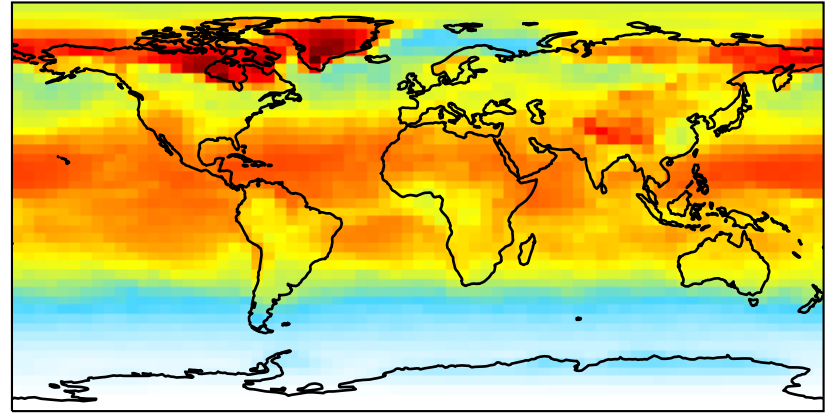


# Jval\_BrNO3 (Apr2019)

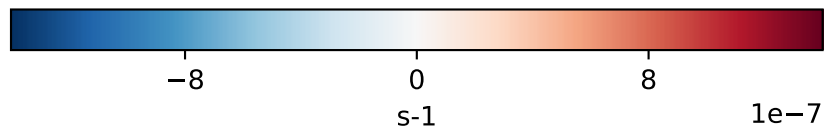
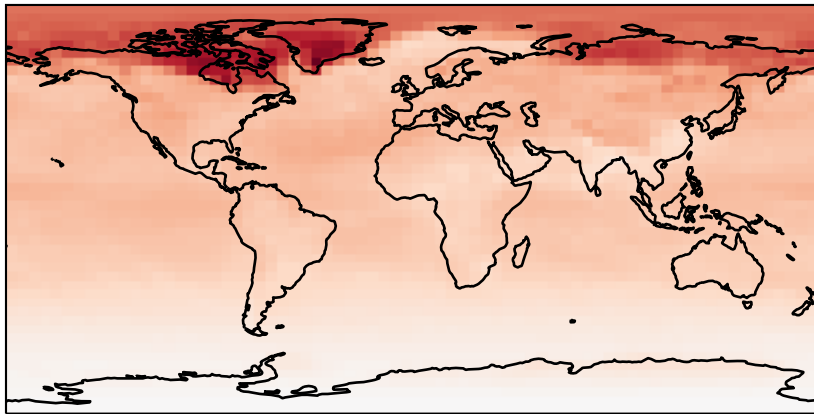
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



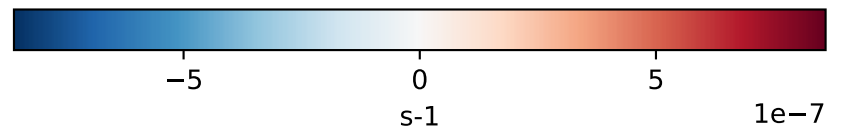
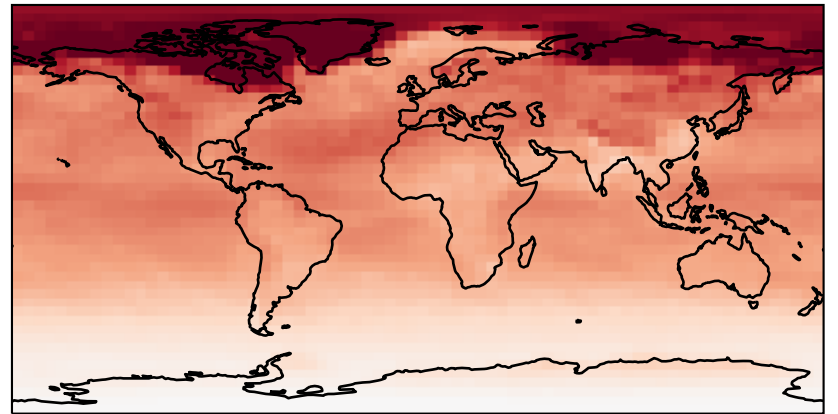
GCC\_13.0.0 (Dev)  
4.0x5.0



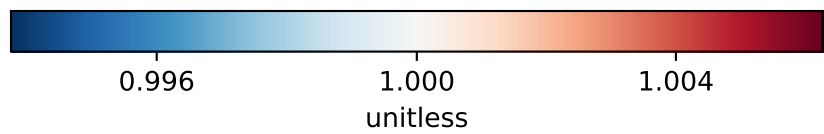
Difference  
Dev - Ref, Dynamic Range



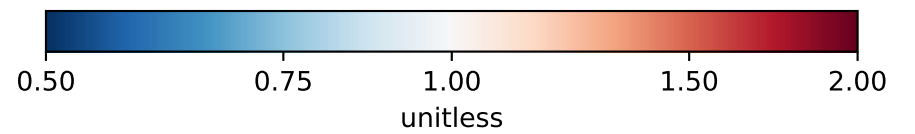
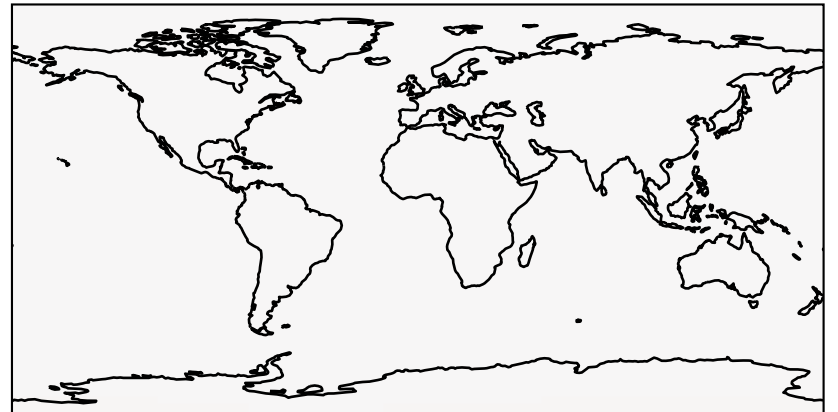
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

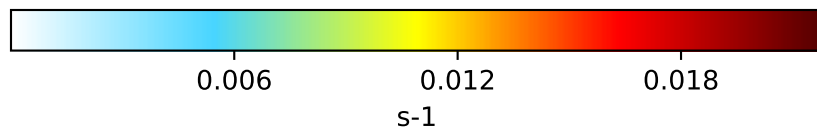
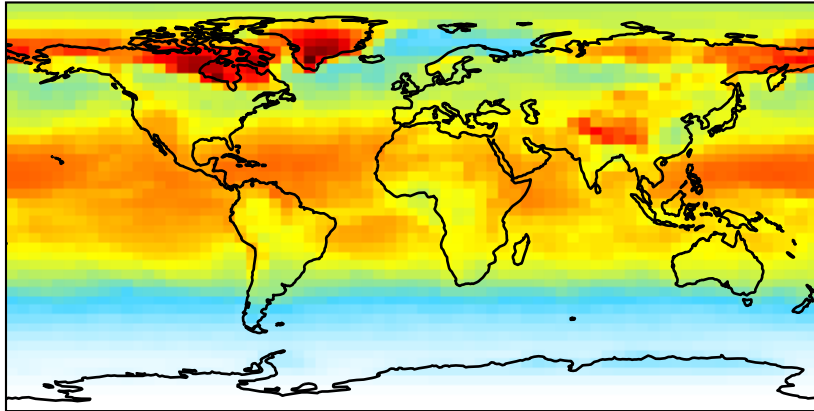


Ratio  
Dev/Ref, Fixed Range

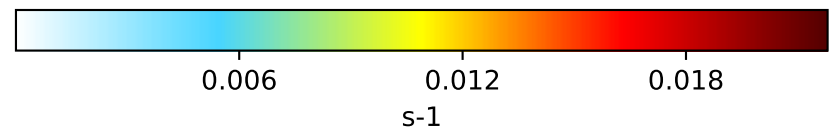
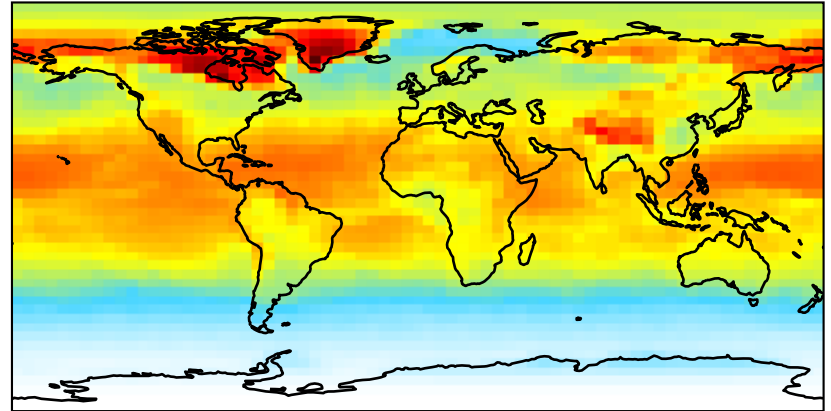


# Jval\_BrO (Apr2019)

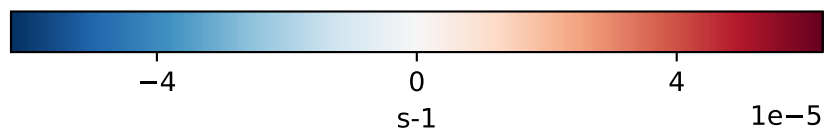
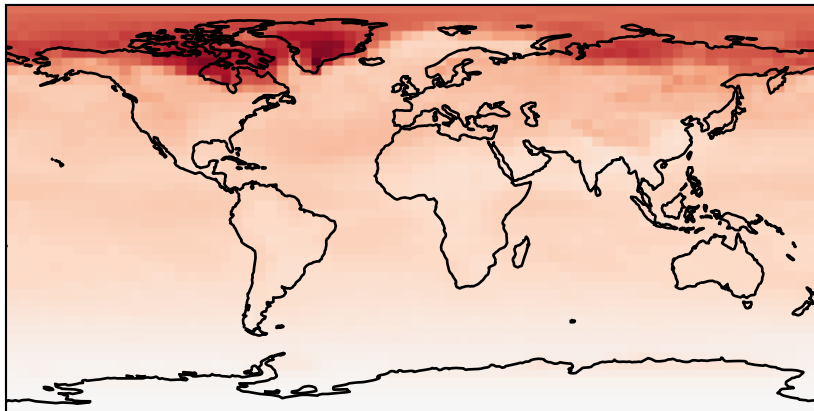
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



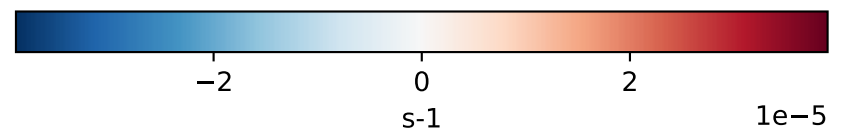
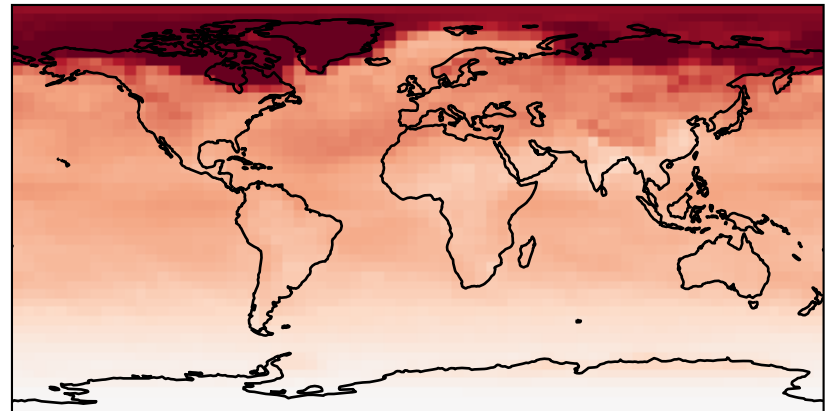
GCC\_13.0.0 (Dev)  
4.0x5.0



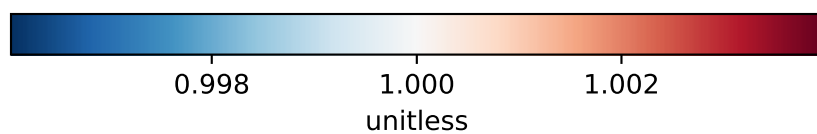
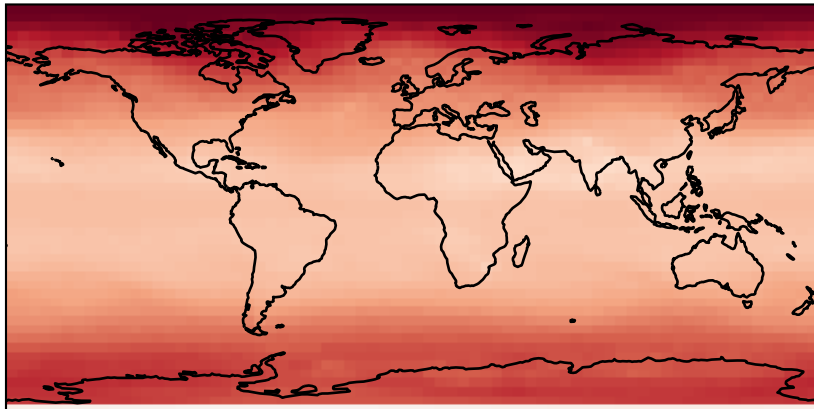
Difference  
Dev - Ref, Dynamic Range



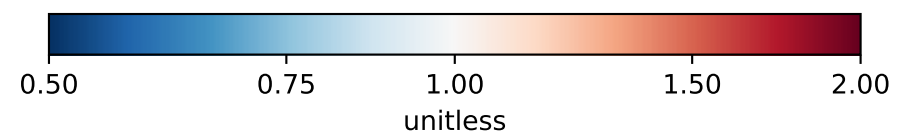
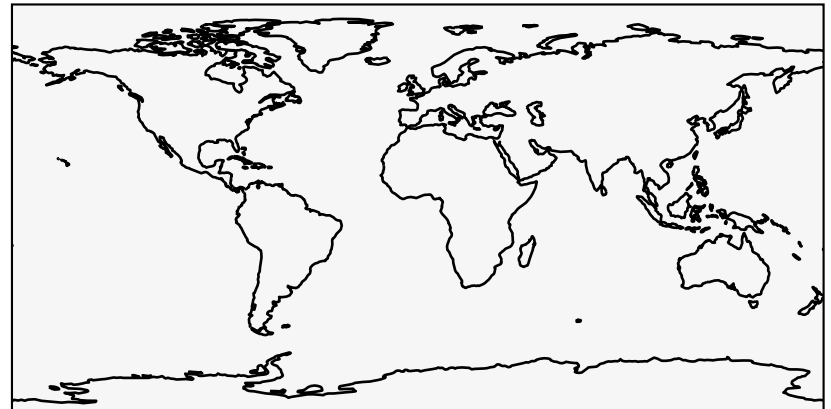
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

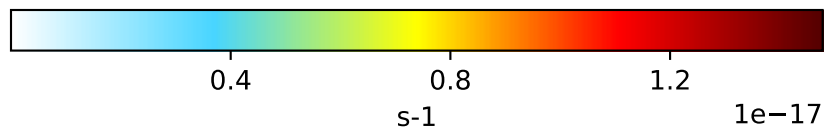
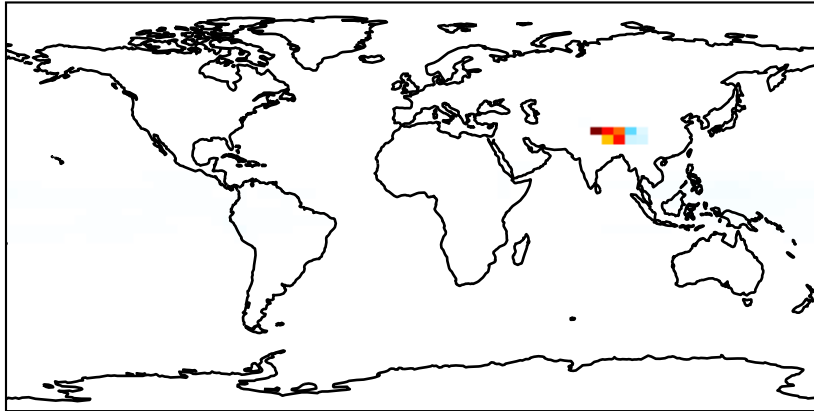


Ratio  
Dev/Ref, Fixed Range

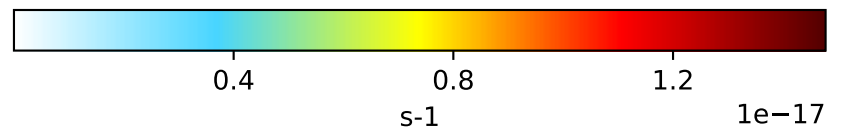
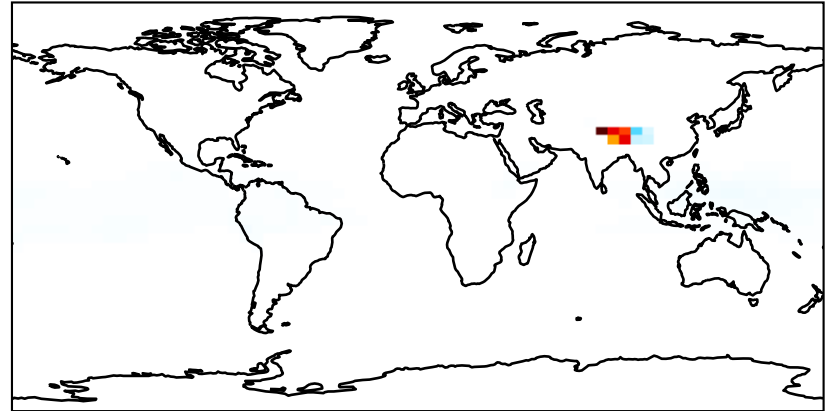


# Jval\_CCI4 (Apr2019)

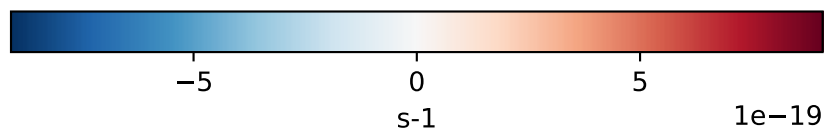
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



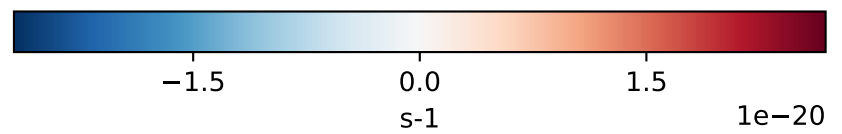
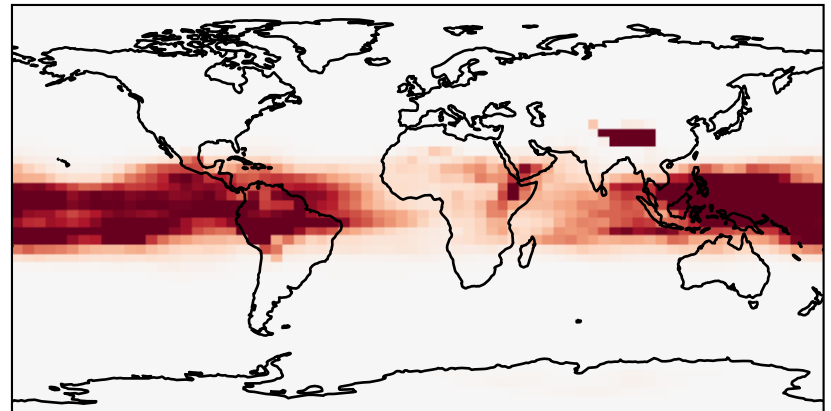
GCC\_13.0.0 (Dev)  
4.0x5.0



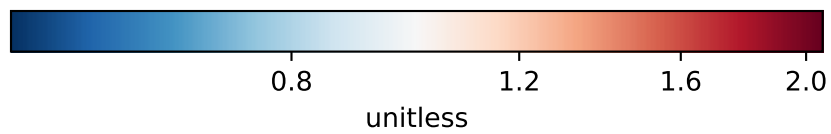
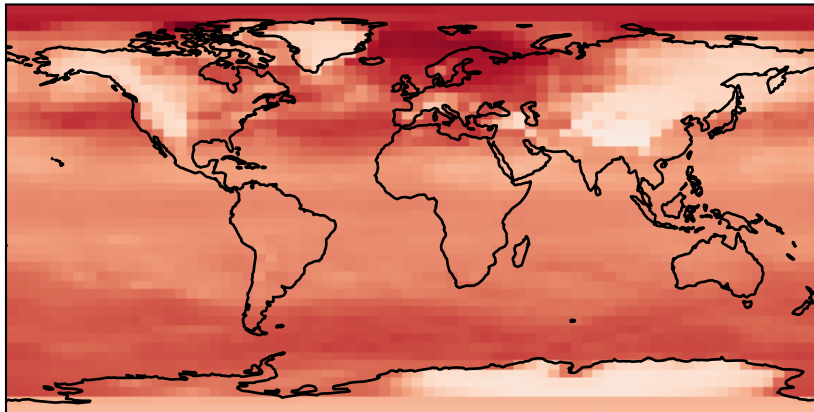
Difference  
Dev - Ref, Dynamic Range



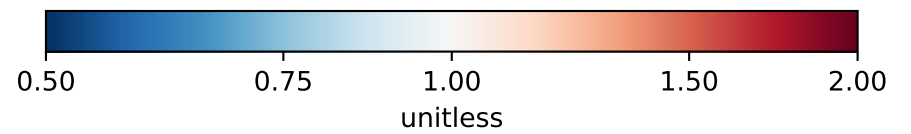
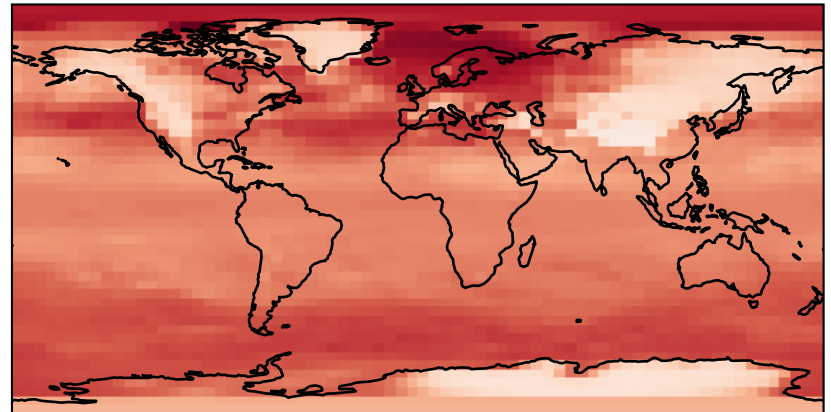
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

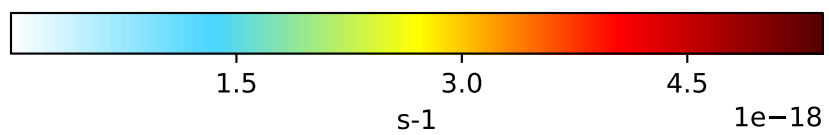
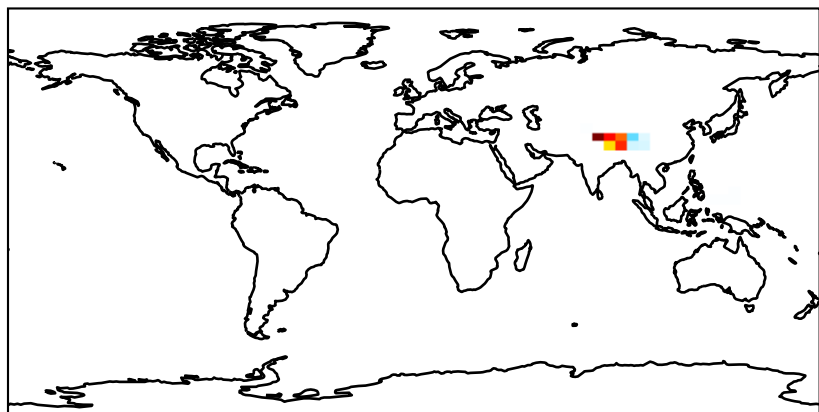


Ratio  
Dev/Ref, Fixed Range

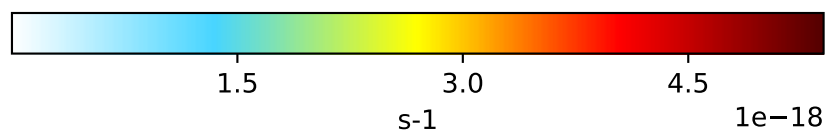
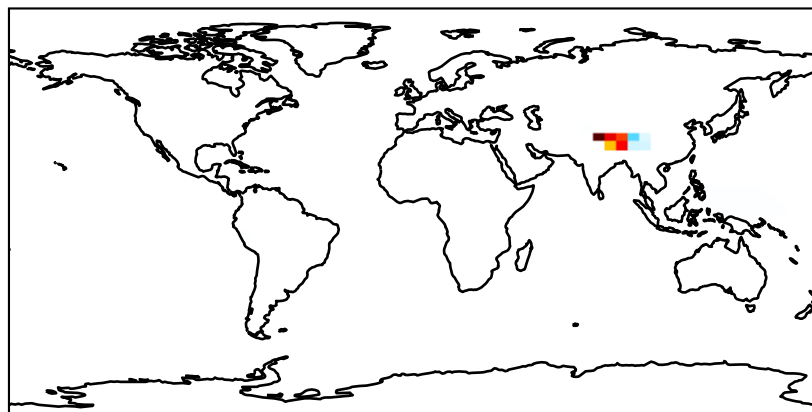


# Jval\_CFC11 (Apr2019)

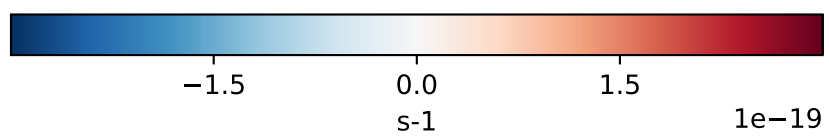
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



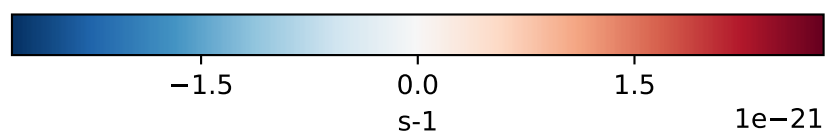
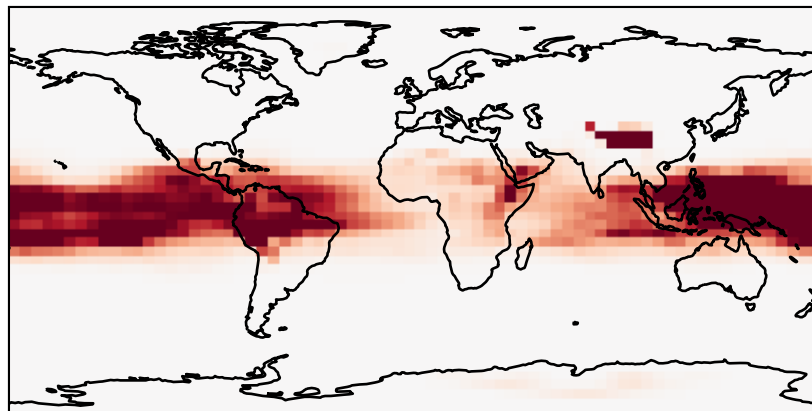
GCC\_13.0.0 (Dev)  
4.0x5.0



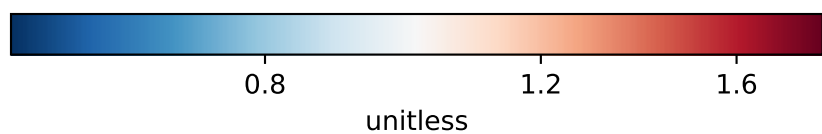
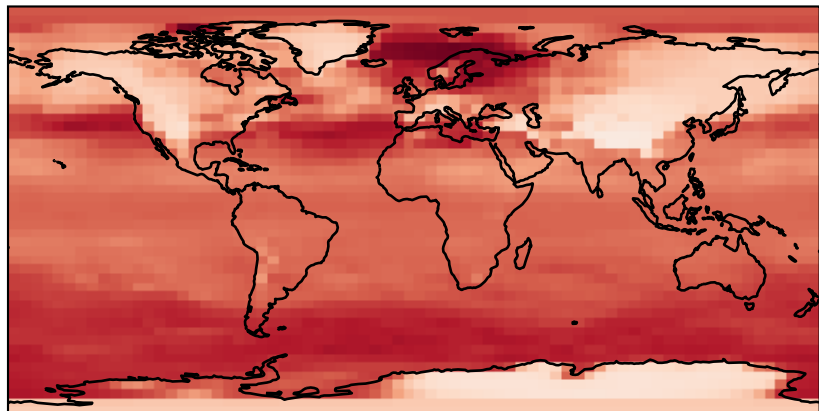
Difference  
Dev - Ref, Dynamic Range



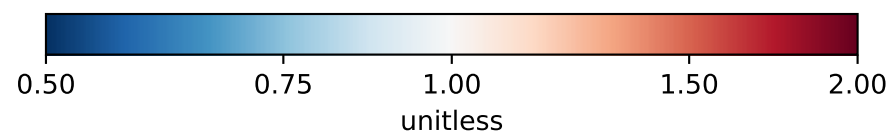
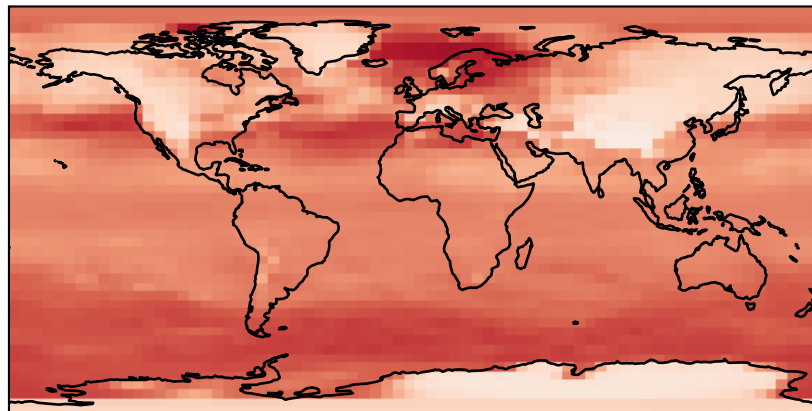
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



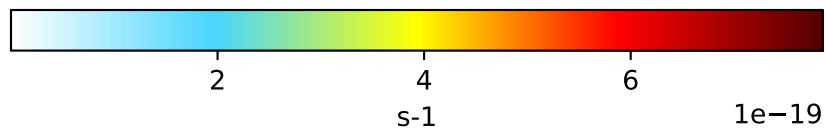
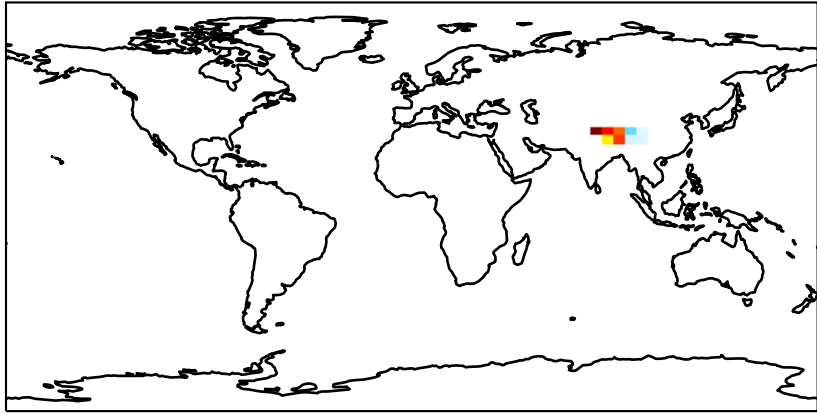
Ratio  
Dev/Ref, Fixed Range



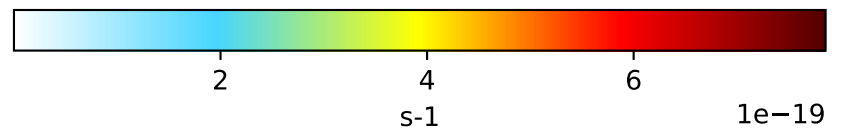
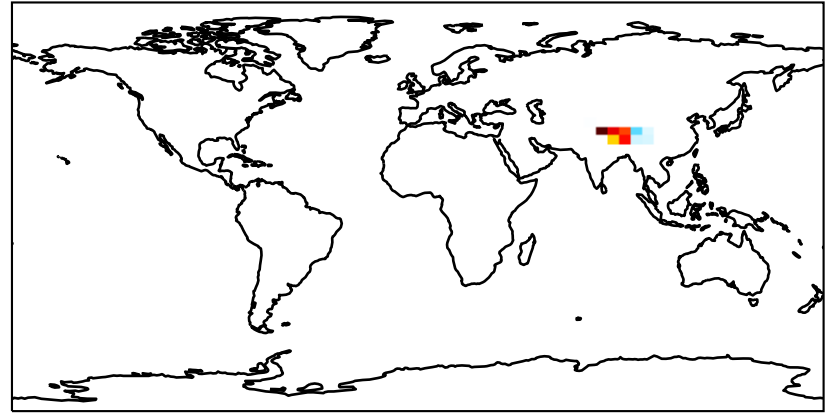


# Jval\_CFC113 (Apr2019)

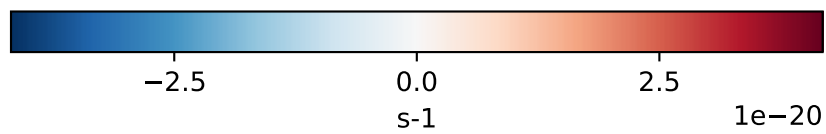
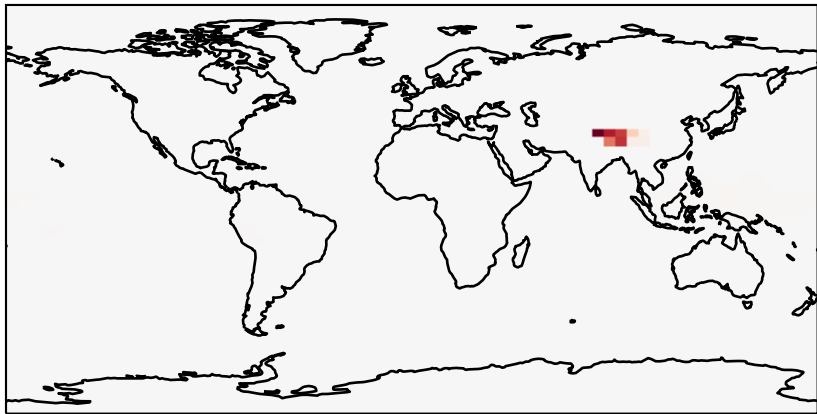
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



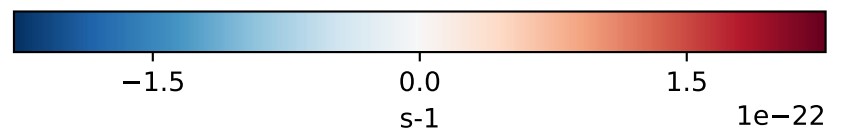
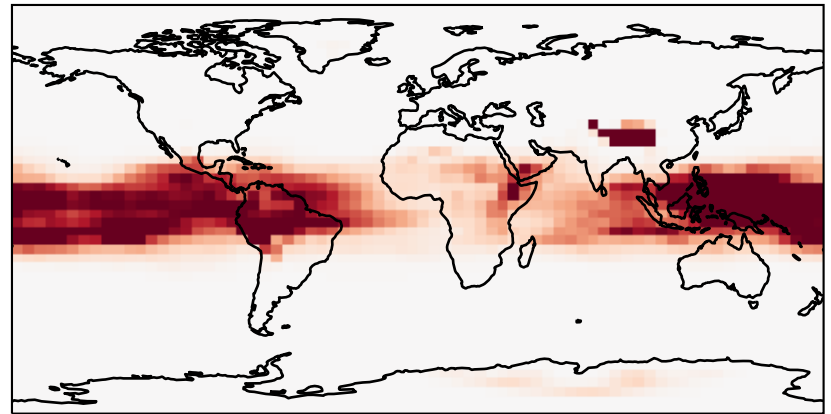
GCC\_13.0.0 (Dev)  
4.0x5.0



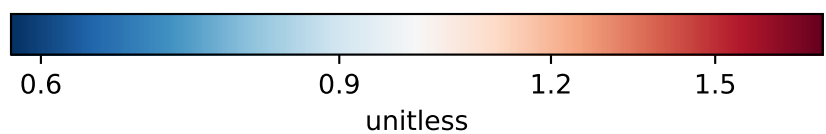
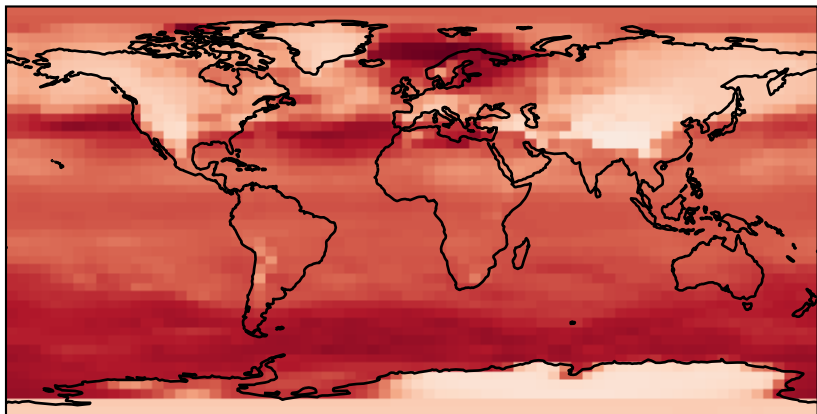
Difference  
Dev - Ref, Dynamic Range



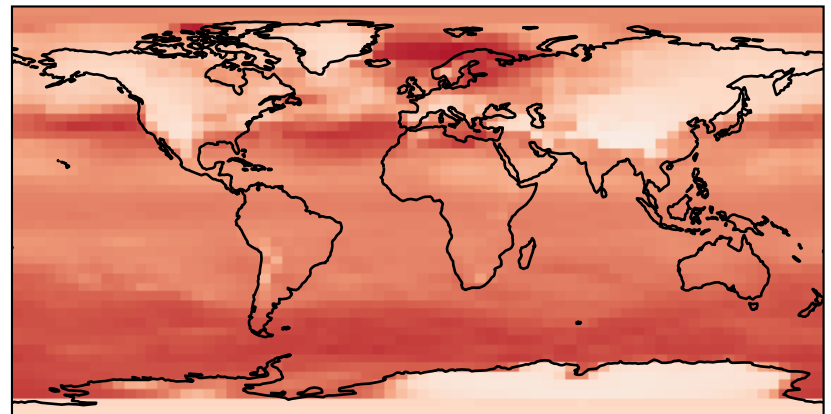
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

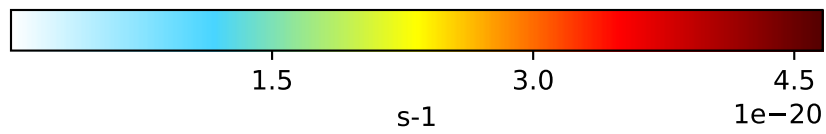
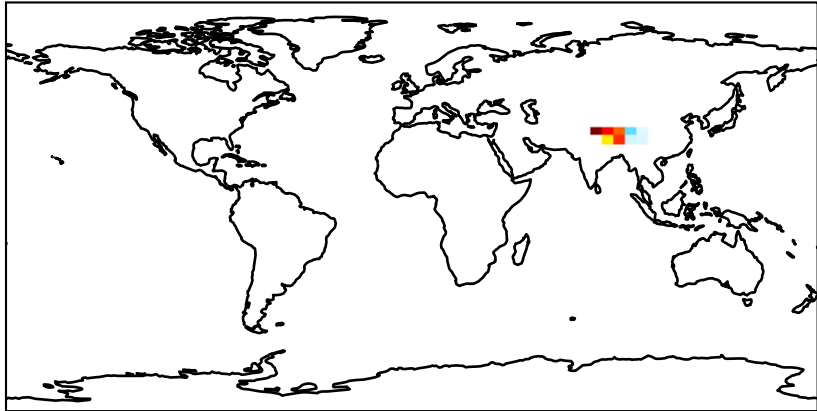


Ratio  
Dev/Ref, Fixed Range

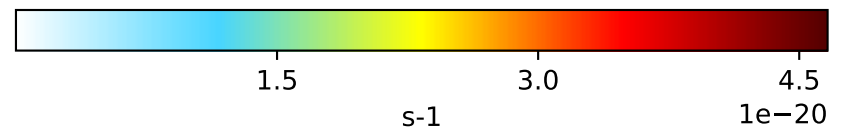
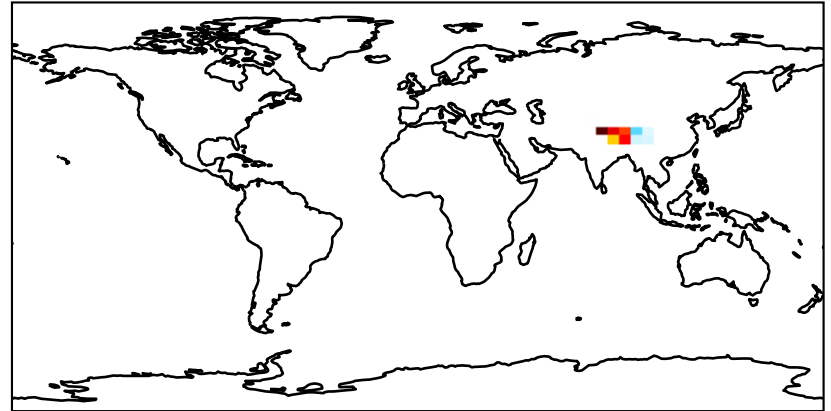


# Jval\_CFC114 (Apr2019)

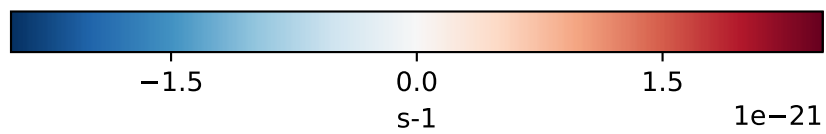
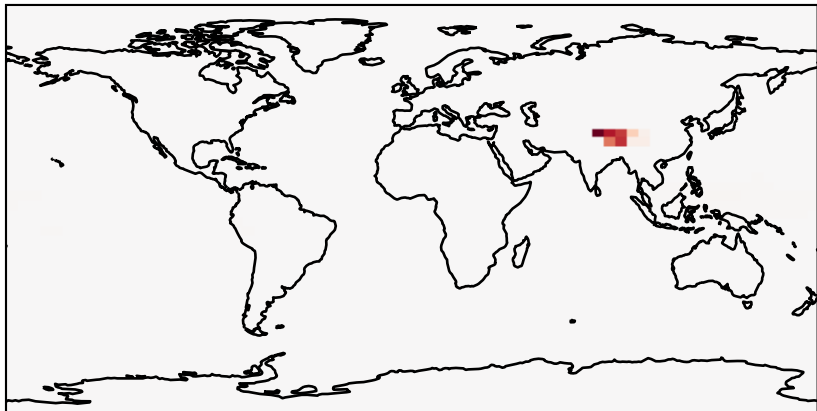
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



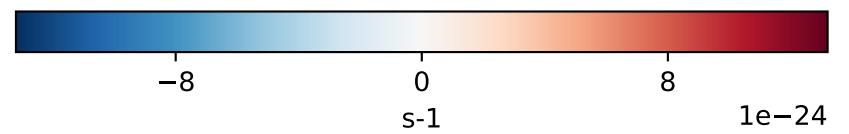
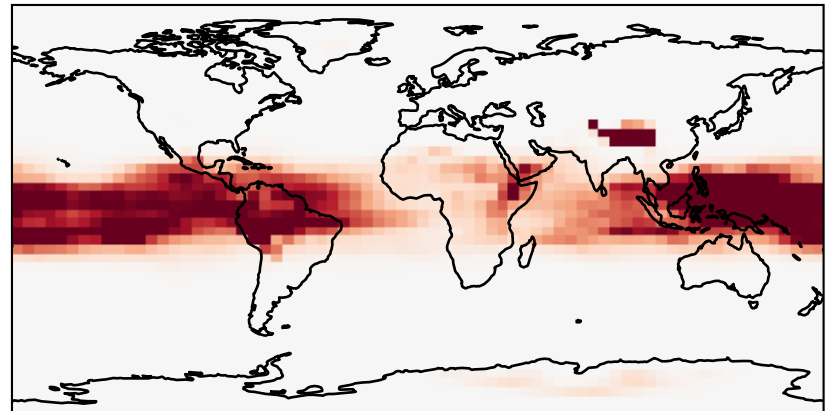
GCC\_13.0.0 (Dev)  
4.0x5.0



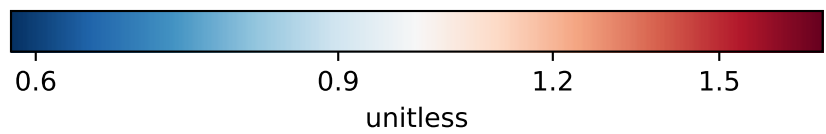
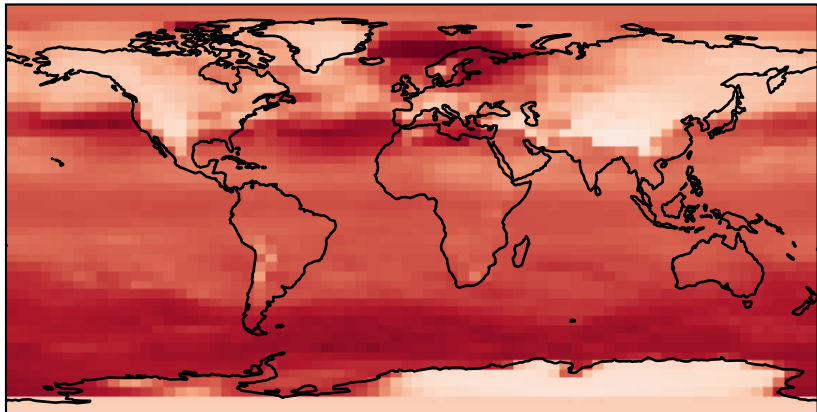
Difference  
Dev - Ref, Dynamic Range



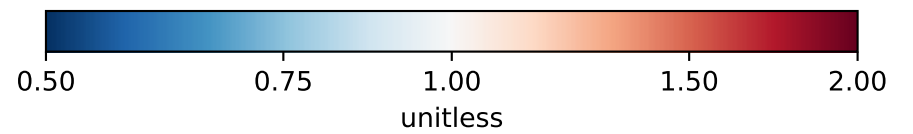
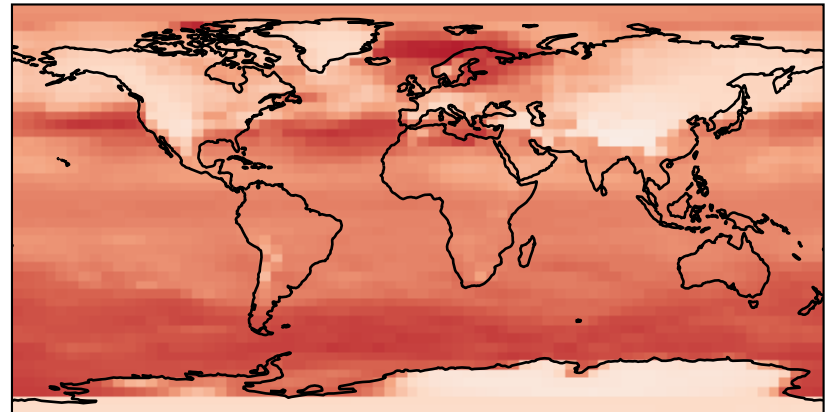
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

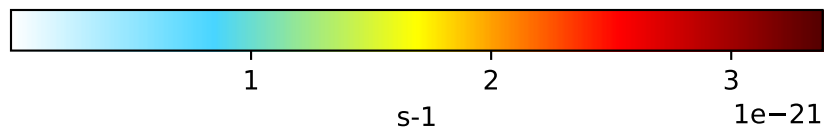
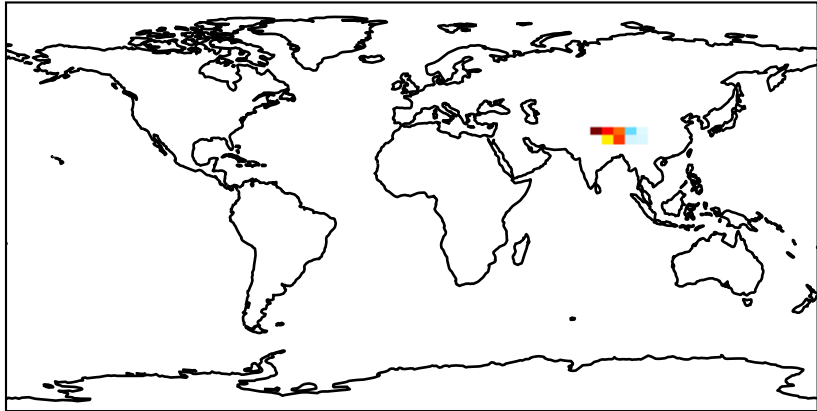


Ratio  
Dev/Ref, Fixed Range

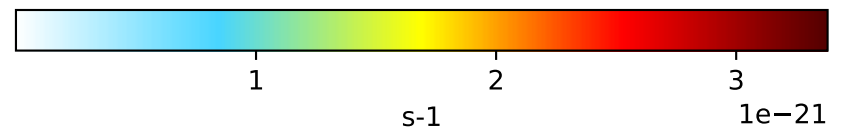
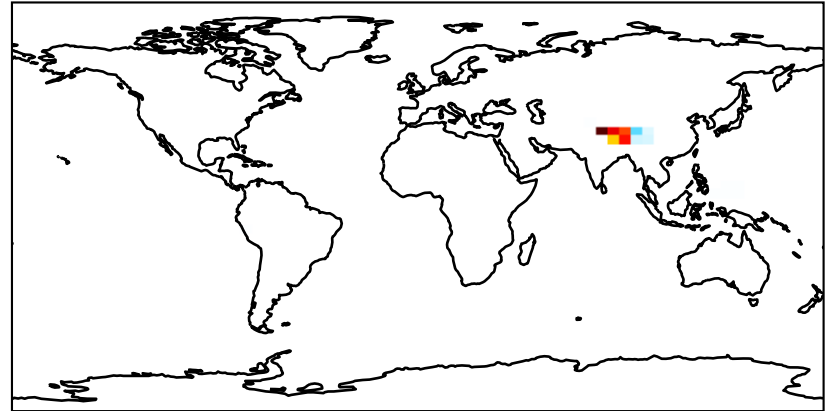


# Jval\_CFC115 (Apr2019)

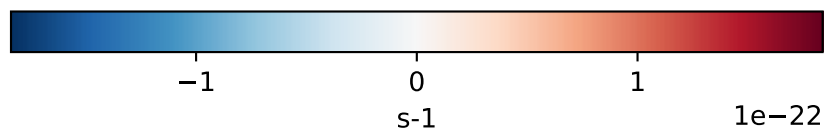
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



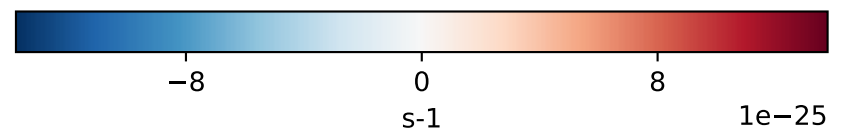
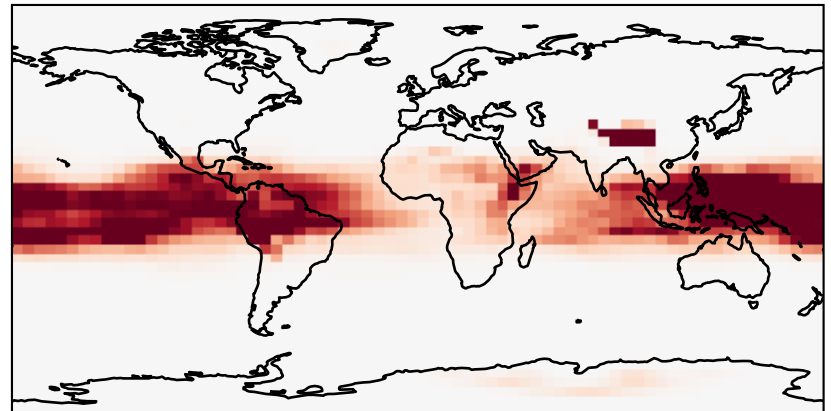
GCC\_13.0.0 (Dev)  
4.0x5.0



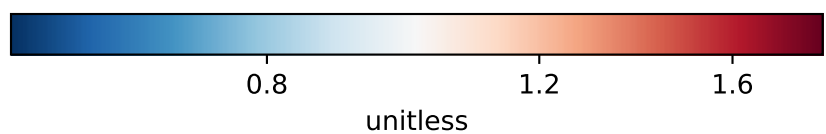
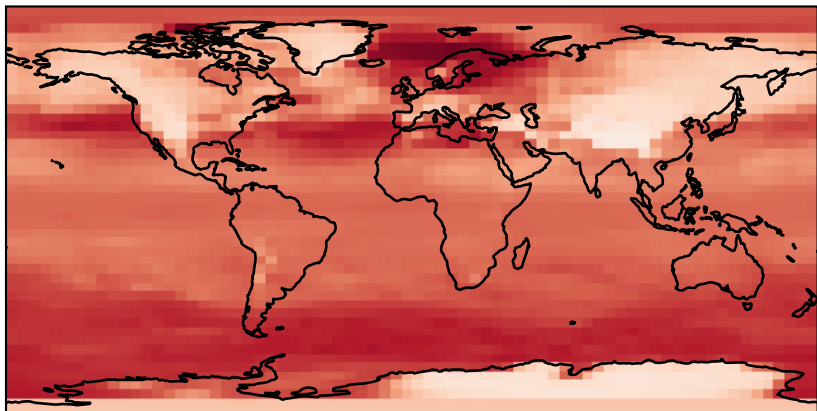
Difference  
Dev - Ref, Dynamic Range



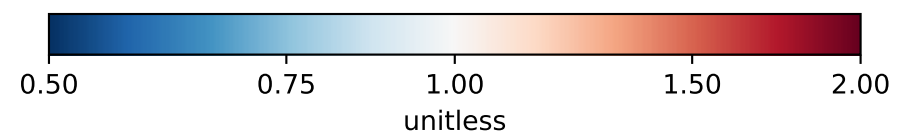
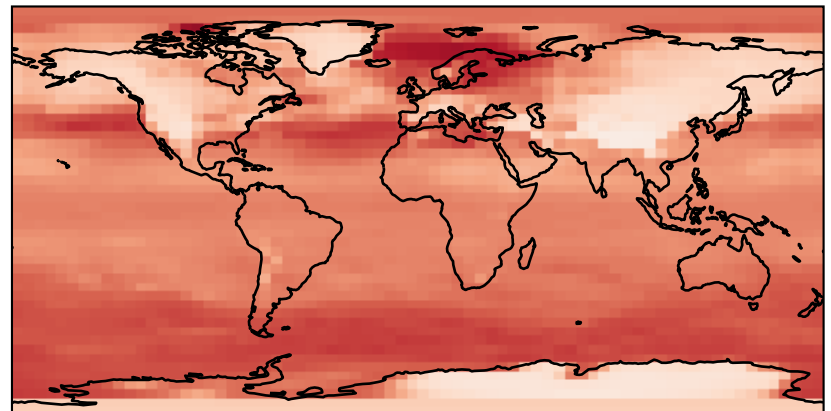
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

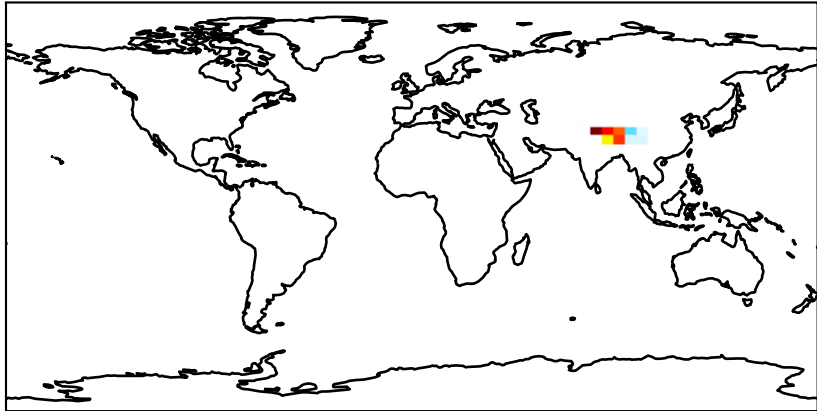


Ratio  
Dev/Ref, Fixed Range

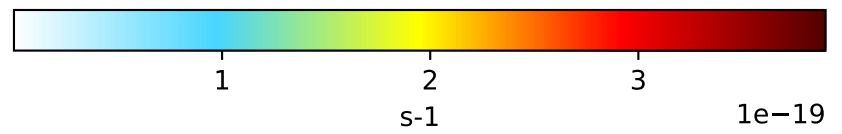
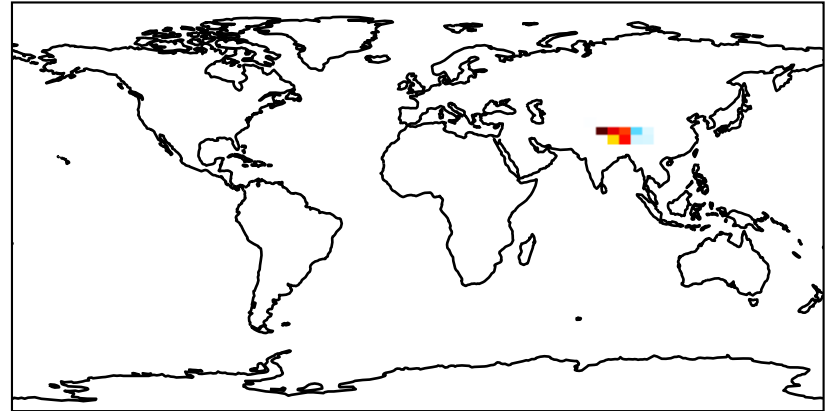


# Jval\_CFC12 (Apr2019)

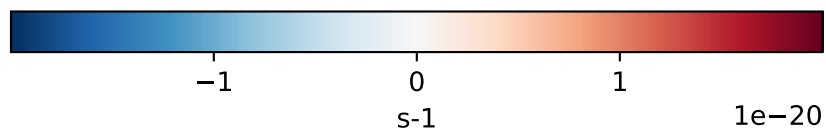
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



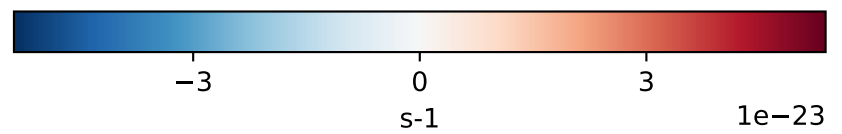
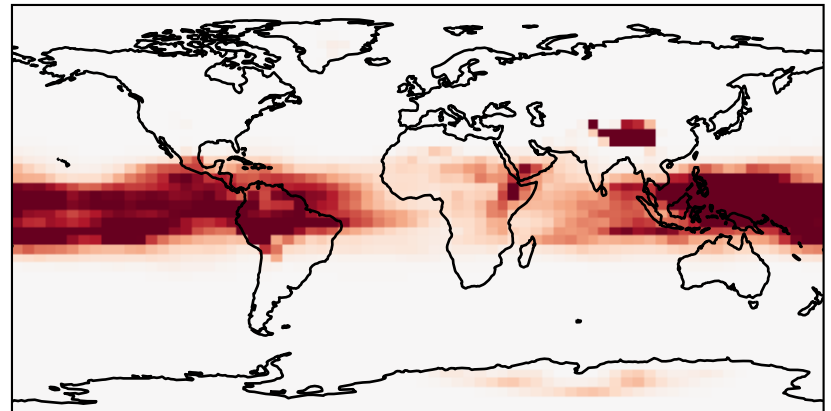
GCC\_13.0.0 (Dev)  
4.0x5.0



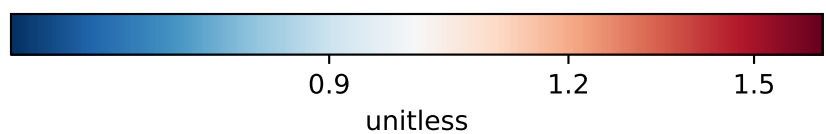
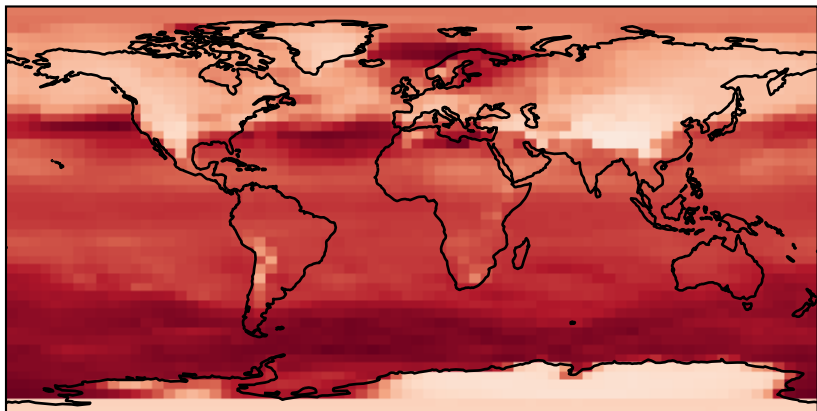
Difference  
Dev - Ref, Dynamic Range



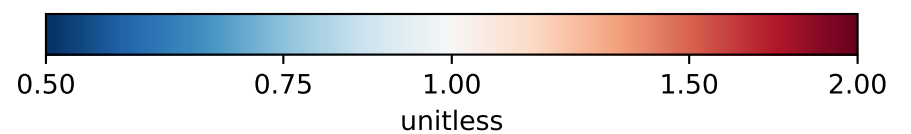
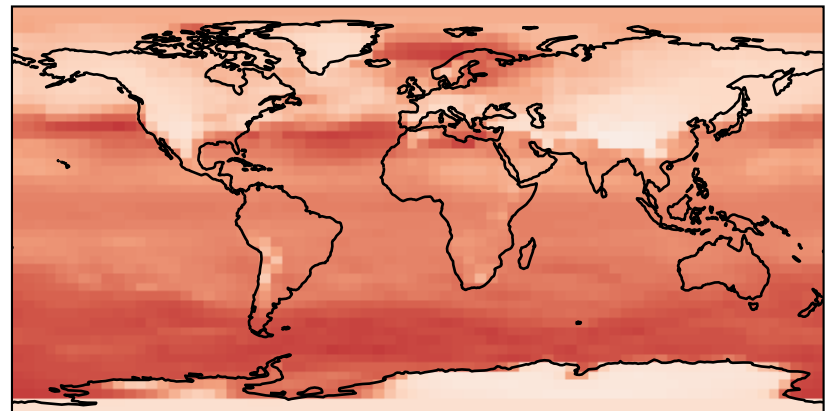
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

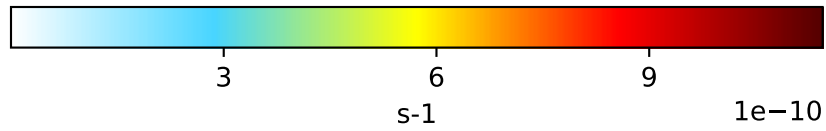
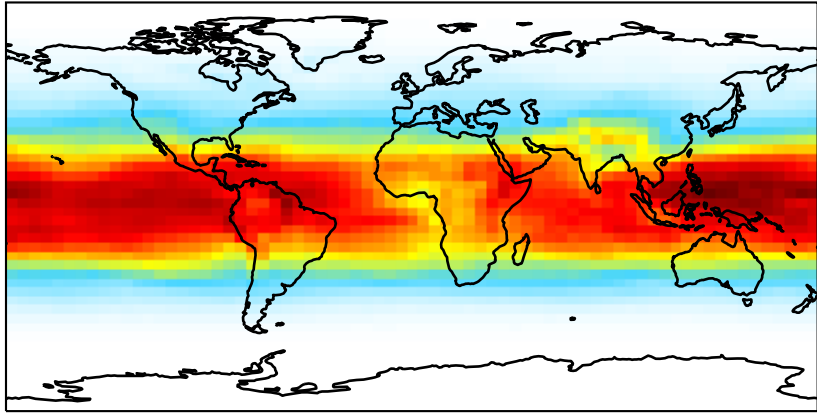


Ratio  
Dev/Ref, Fixed Range

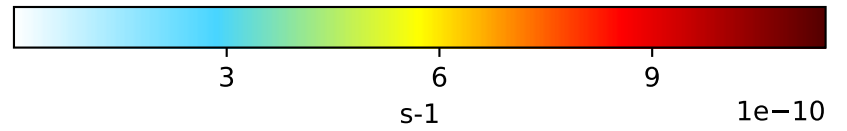
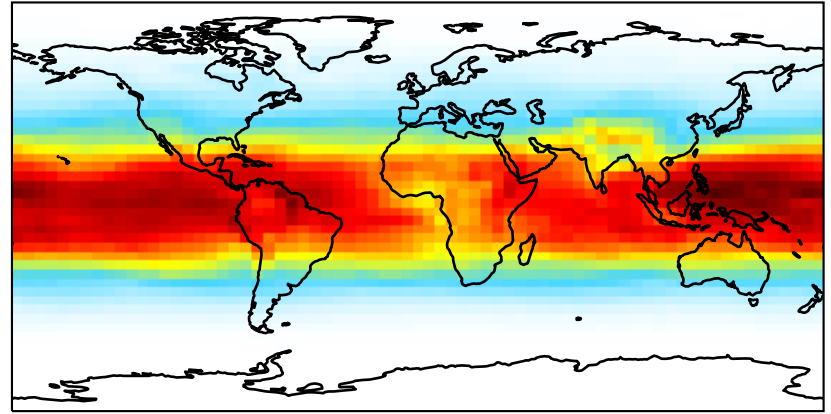


# Jval\_CH2Br2 (Apr2019)

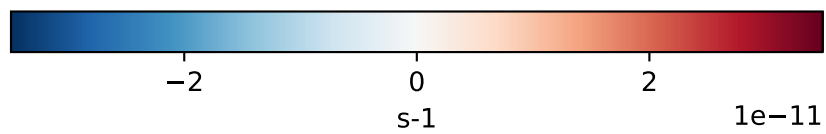
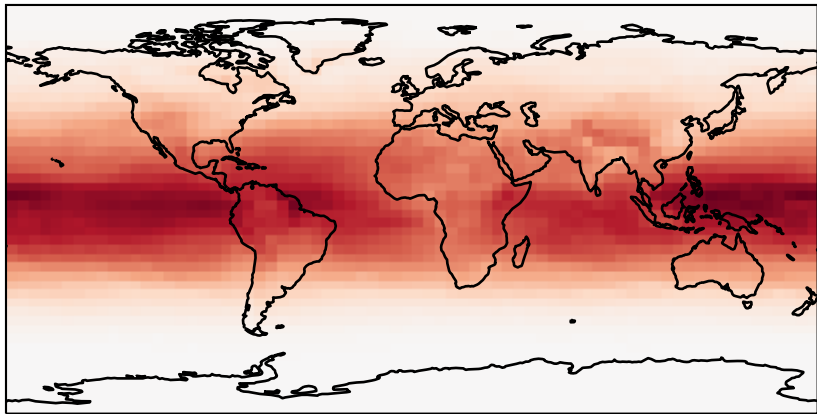
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



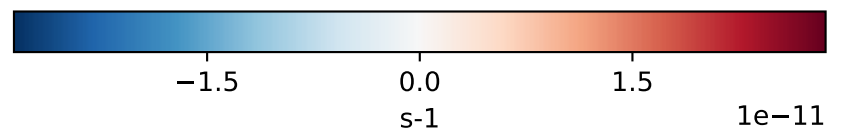
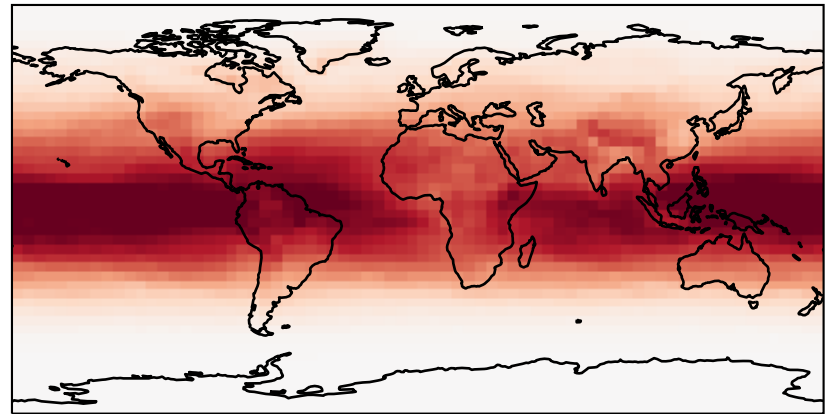
GCC\_13.0.0 (Dev)  
4.0x5.0



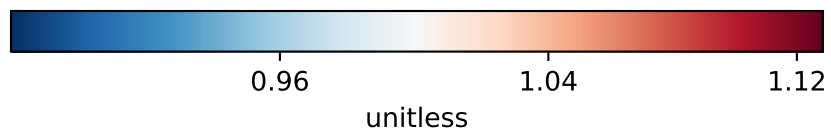
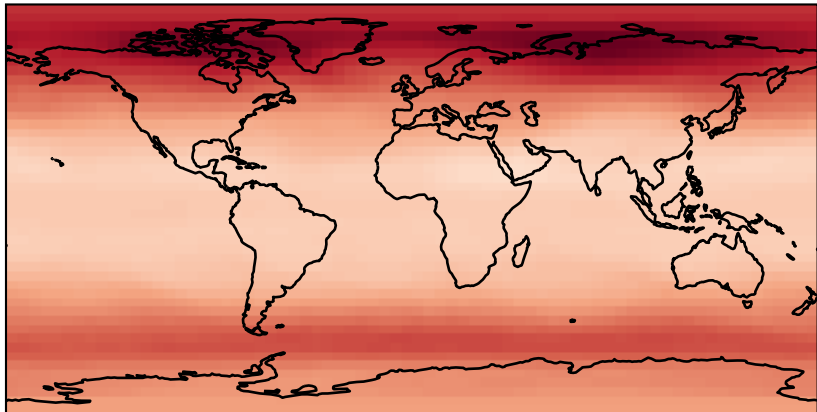
Difference  
Dev - Ref, Dynamic Range



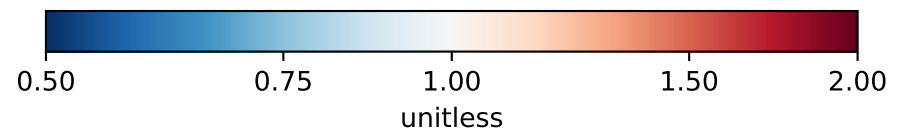
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



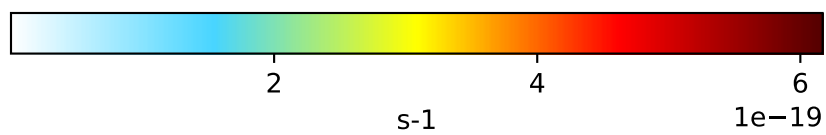
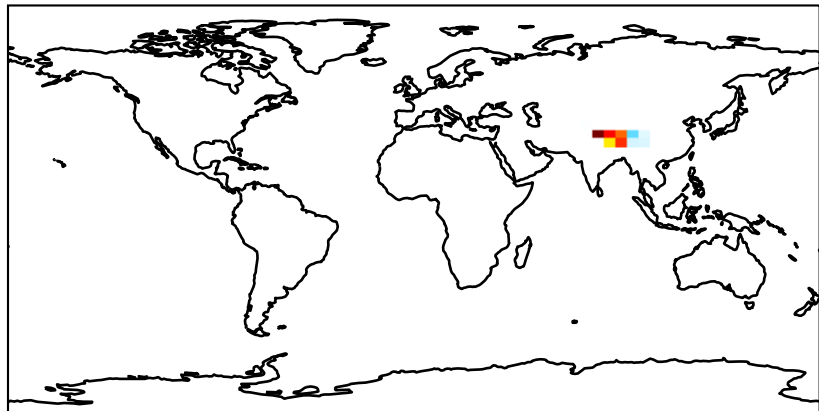
Ratio  
Dev/Ref, Fixed Range



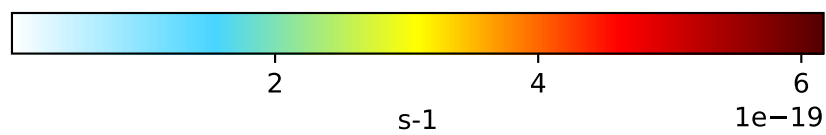
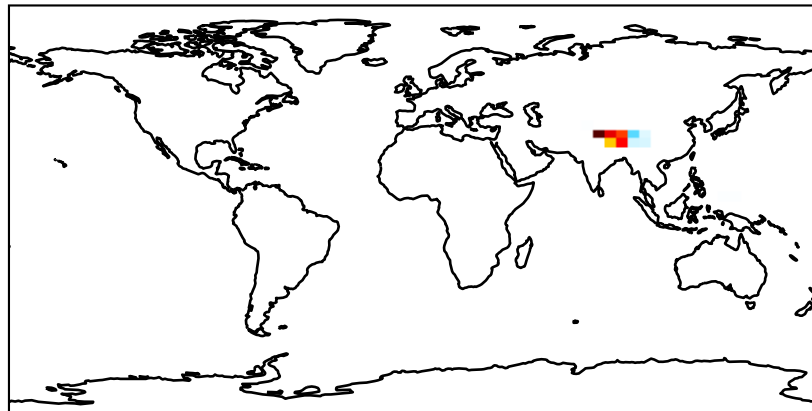


# Jval\_CH2Cl2 (Apr2019)

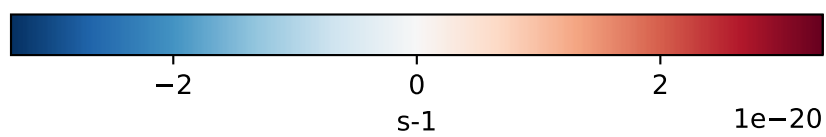
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



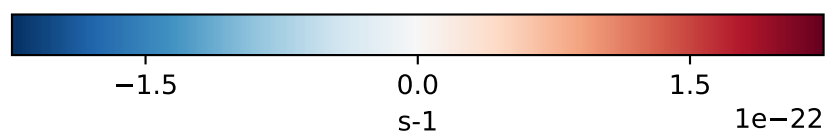
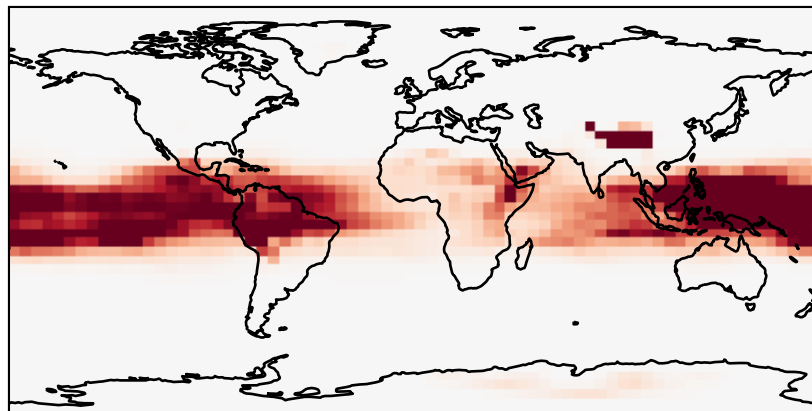
GCC\_13.0.0 (Dev)  
4.0x5.0



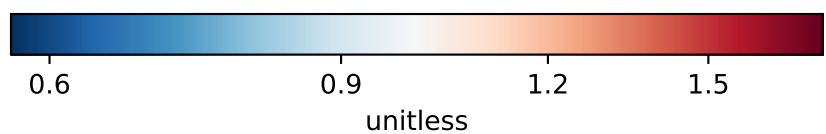
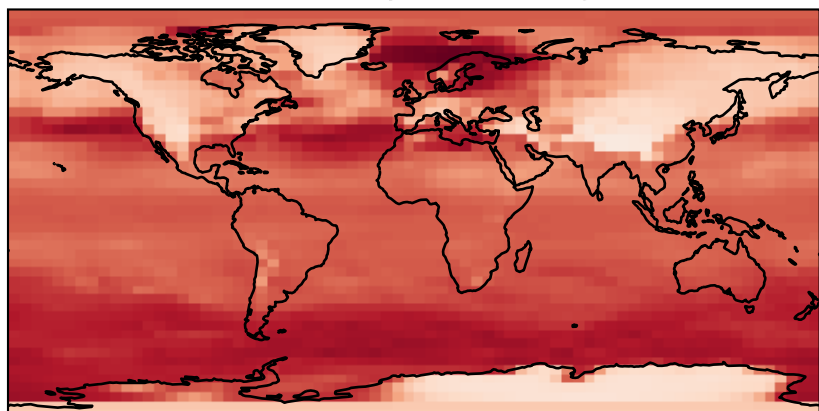
Difference  
Dev - Ref, Dynamic Range



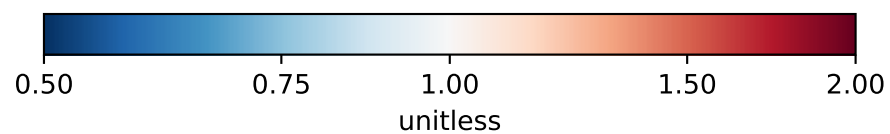
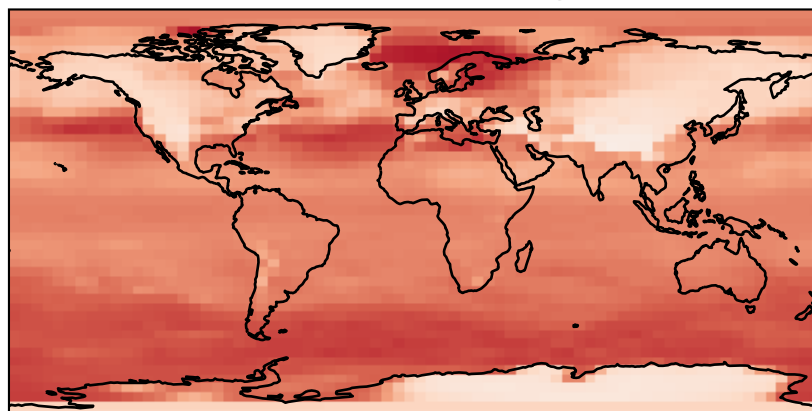
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

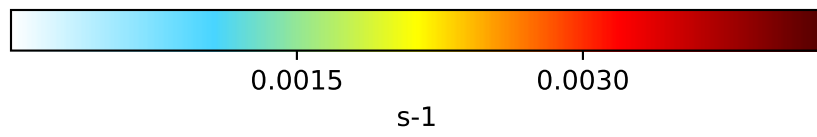
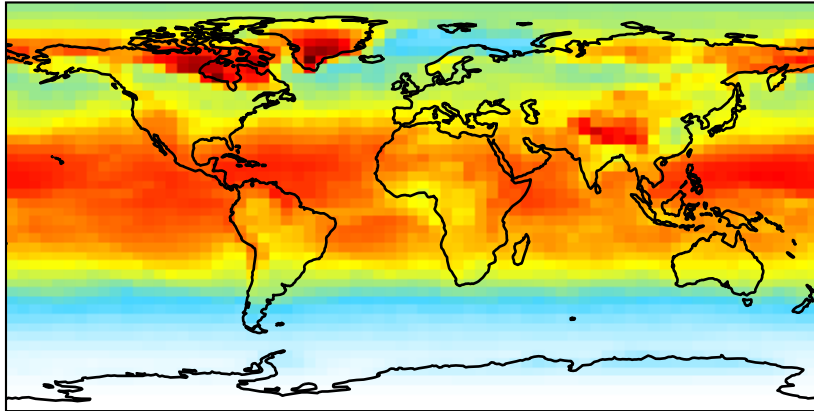


Ratio  
Dev/Ref, Fixed Range

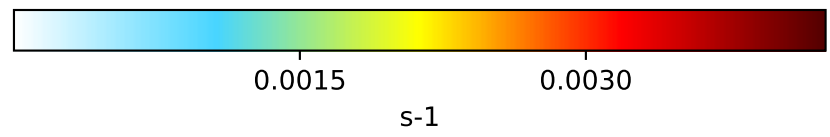
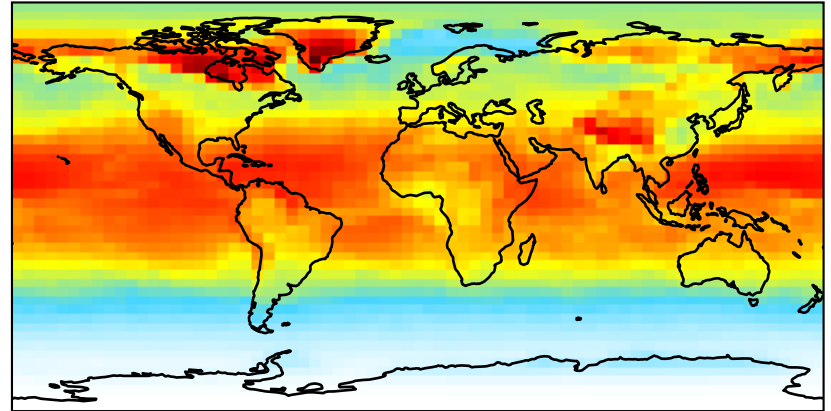


# Jval\_CH2I2 (Apr2019)

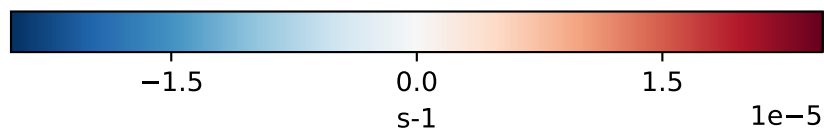
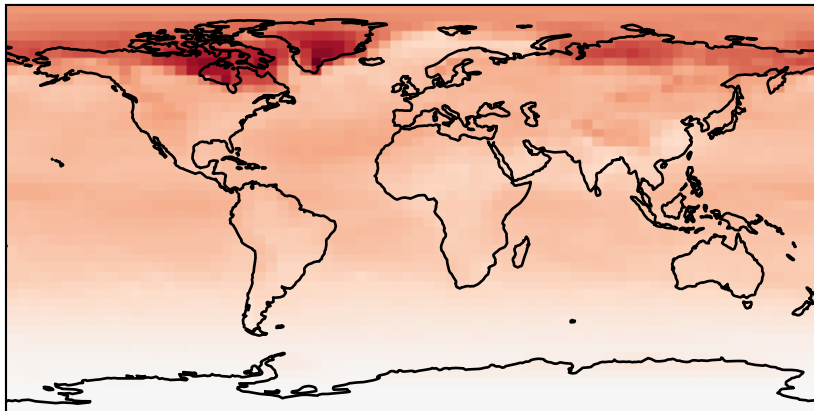
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



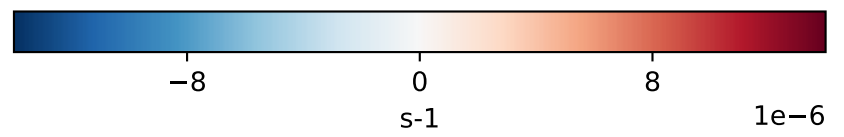
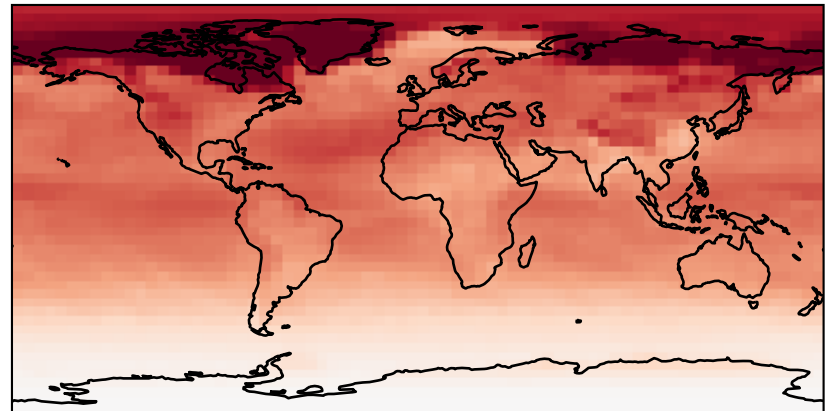
GCC\_13.0.0 (Dev)  
4.0x5.0



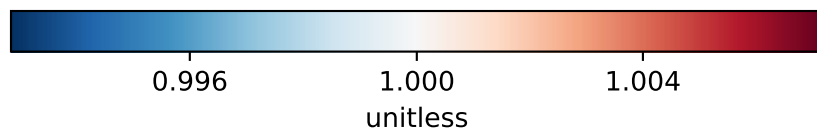
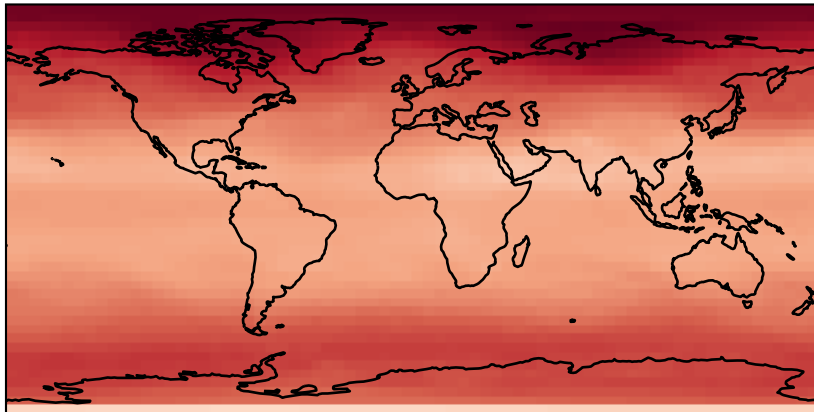
Difference  
Dev - Ref, Dynamic Range



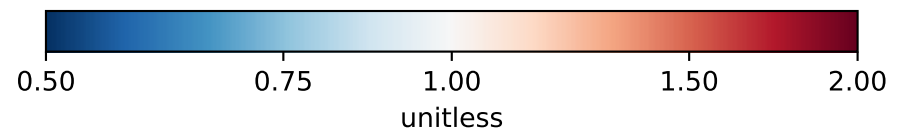
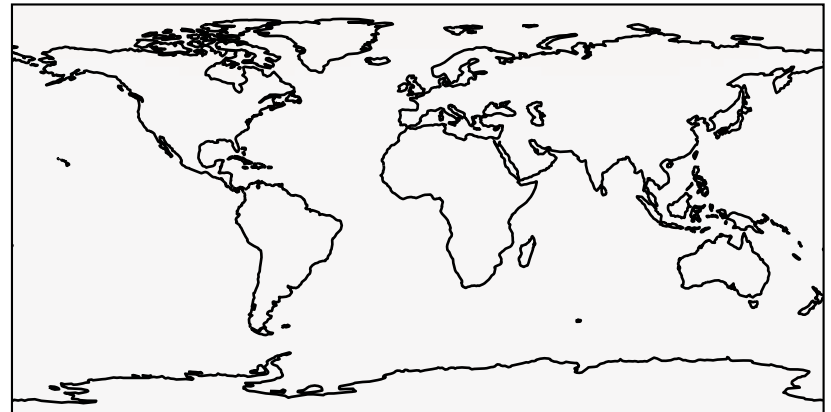
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

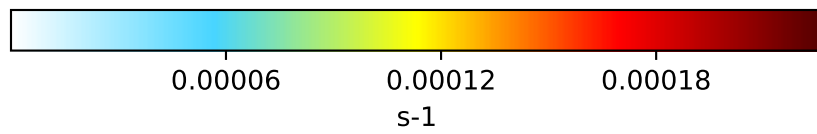
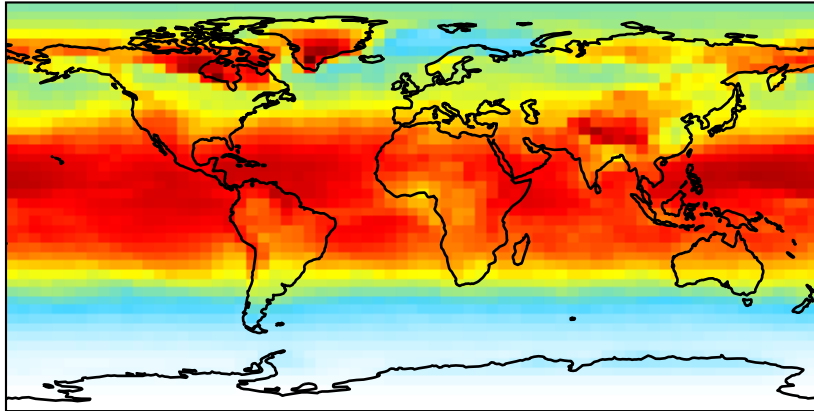


Ratio  
Dev/Ref, Fixed Range

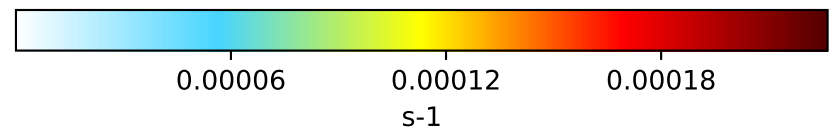
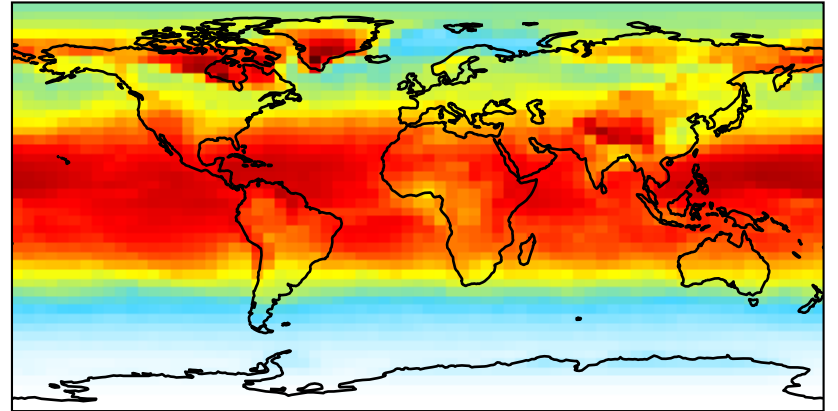


# Jval\_CH2IBr (Apr2019)

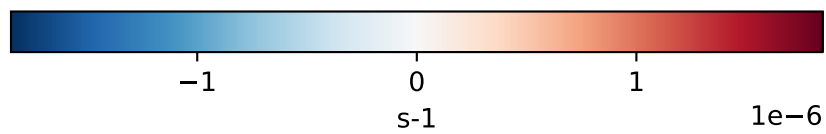
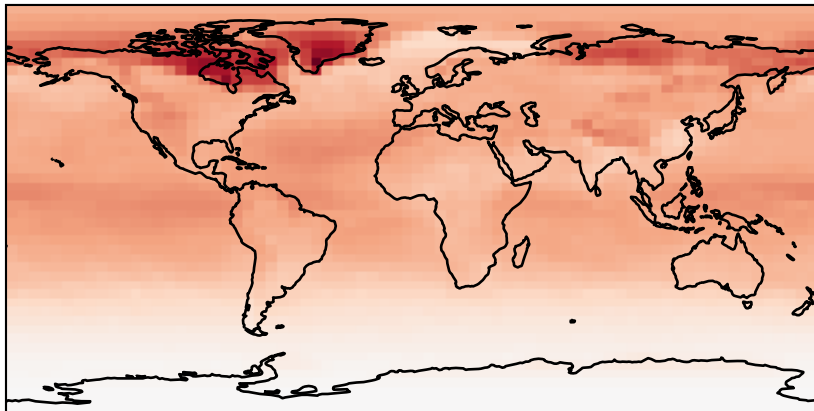
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



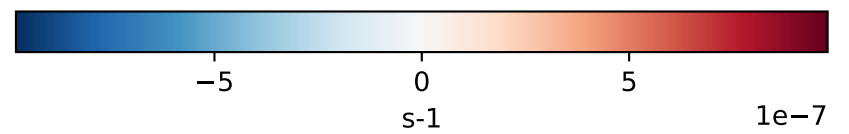
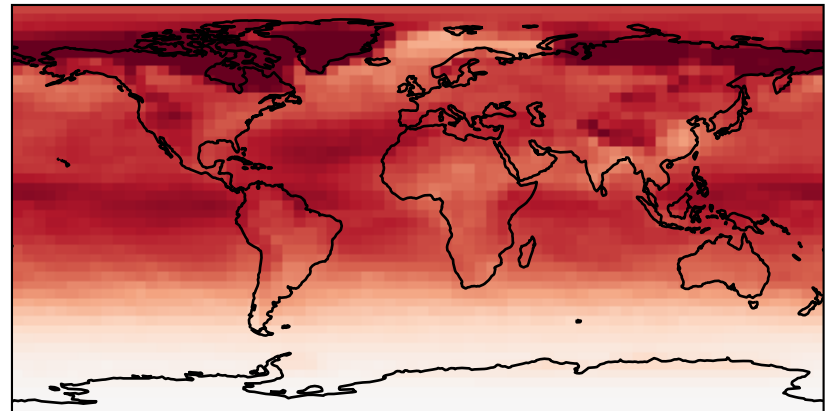
GCC\_13.0.0 (Dev)  
4.0x5.0



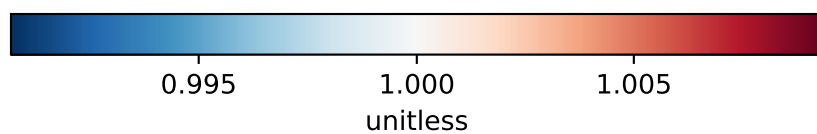
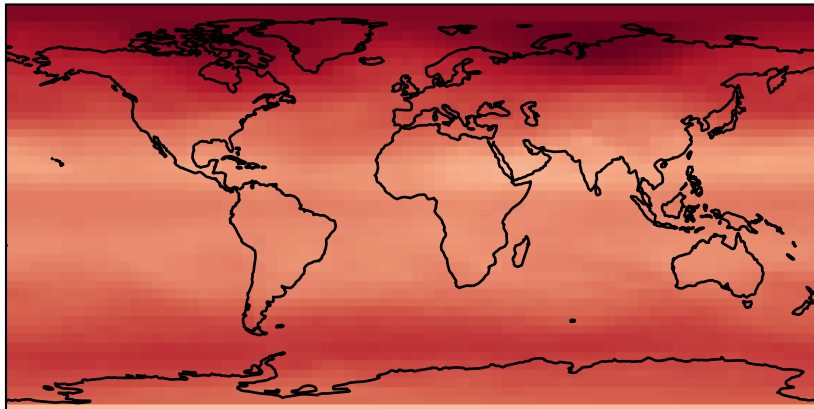
Difference  
Dev - Ref, Dynamic Range



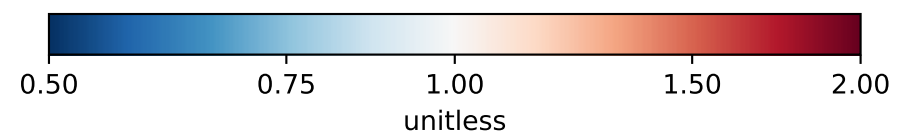
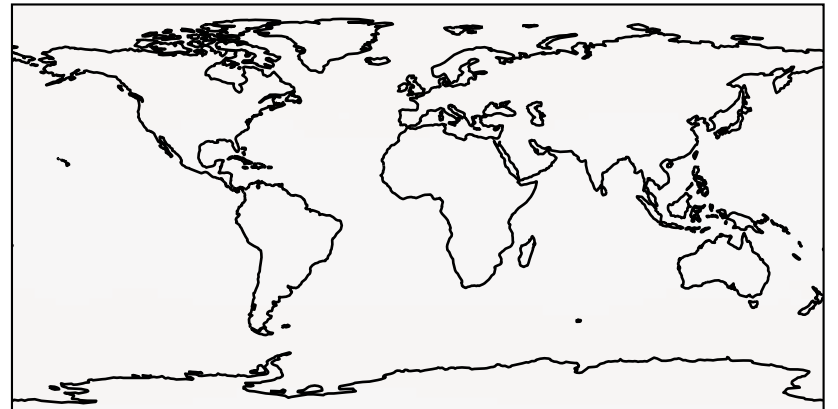
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

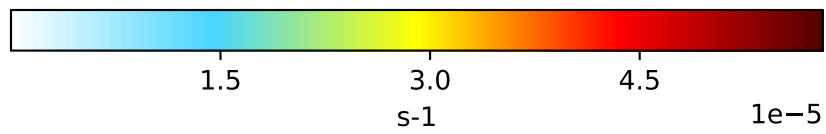
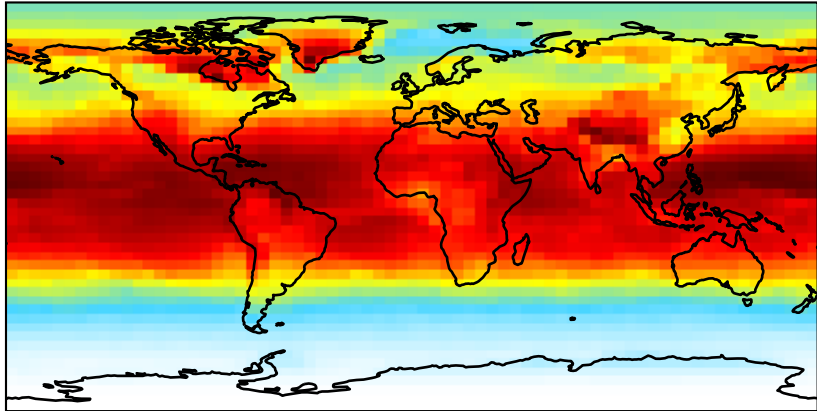


Ratio  
Dev/Ref, Fixed Range

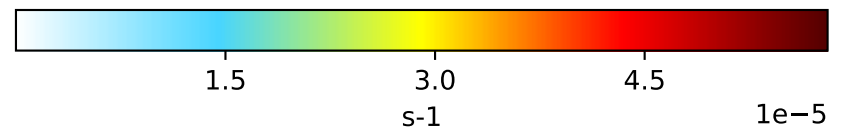
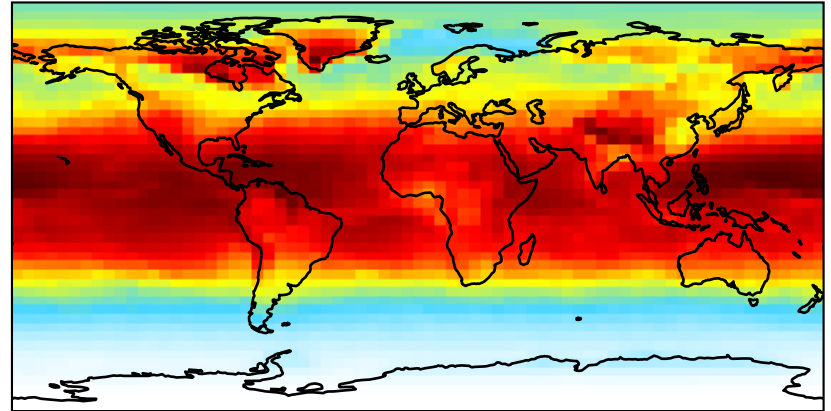


# Jval\_CH2ICI (Apr2019)

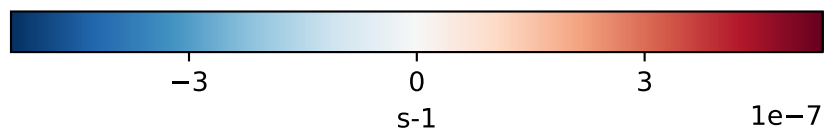
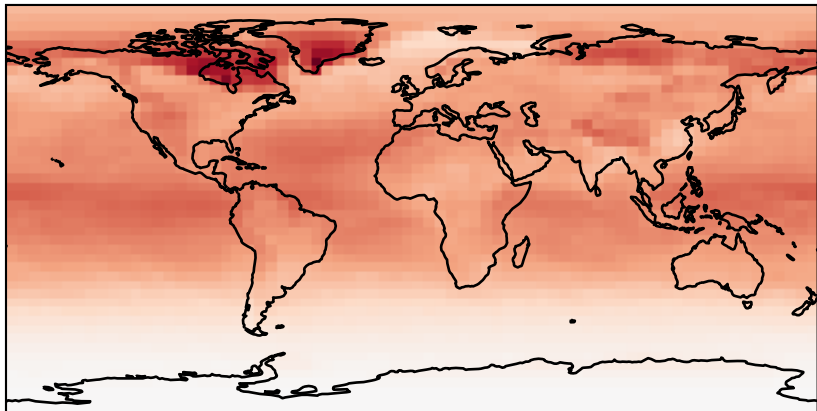
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



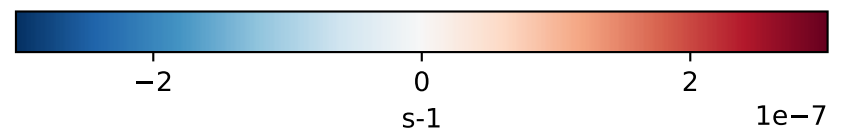
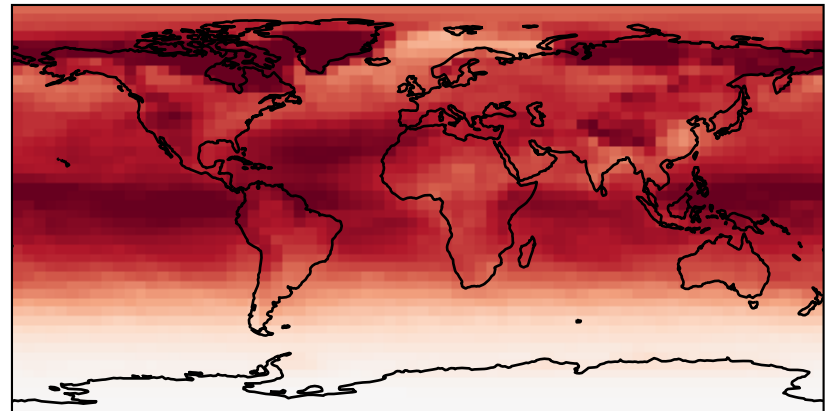
GCC\_13.0.0 (Dev)  
4.0x5.0



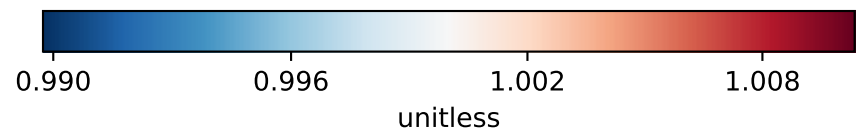
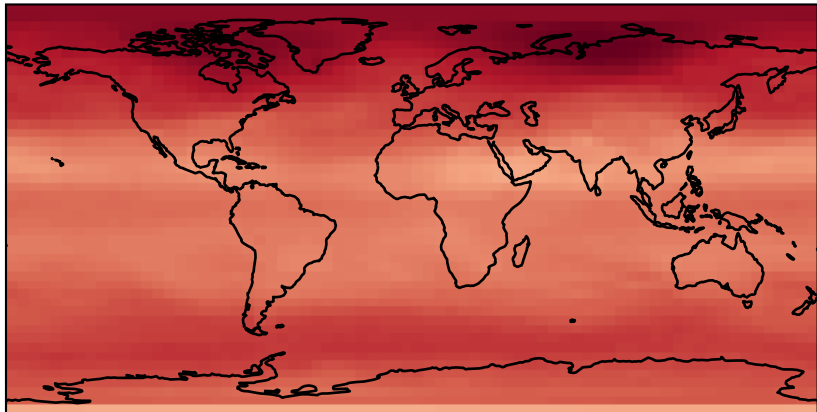
Difference  
Dev - Ref, Dynamic Range



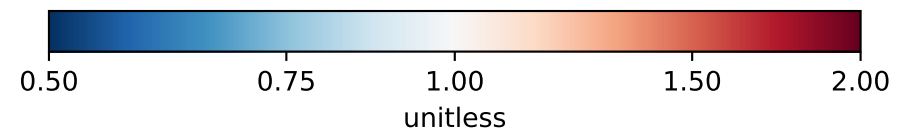
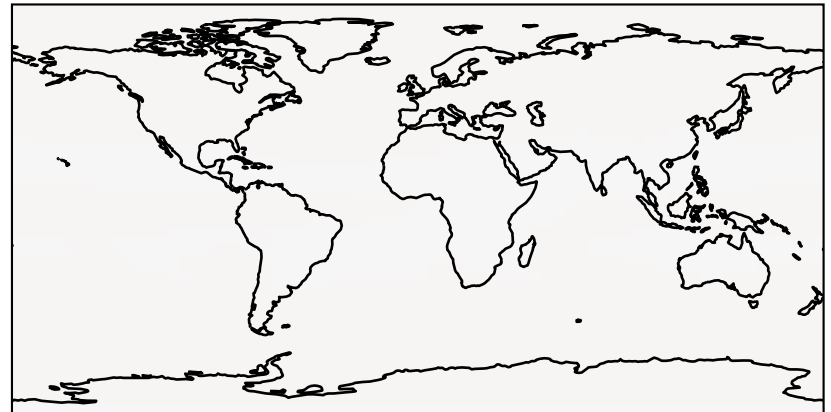
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

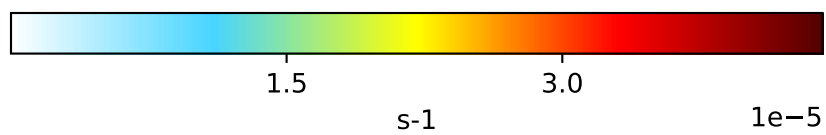
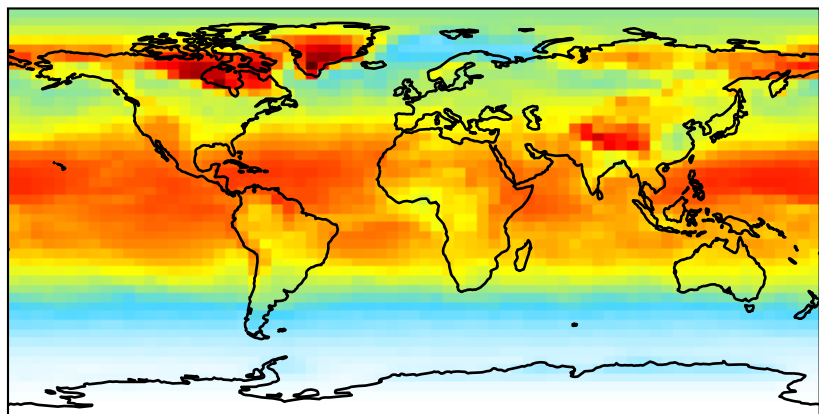


Ratio  
Dev/Ref, Fixed Range

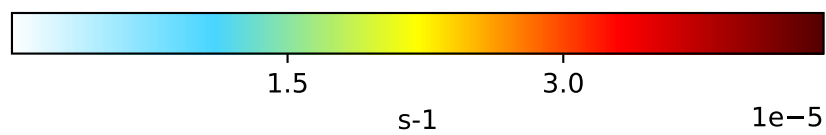
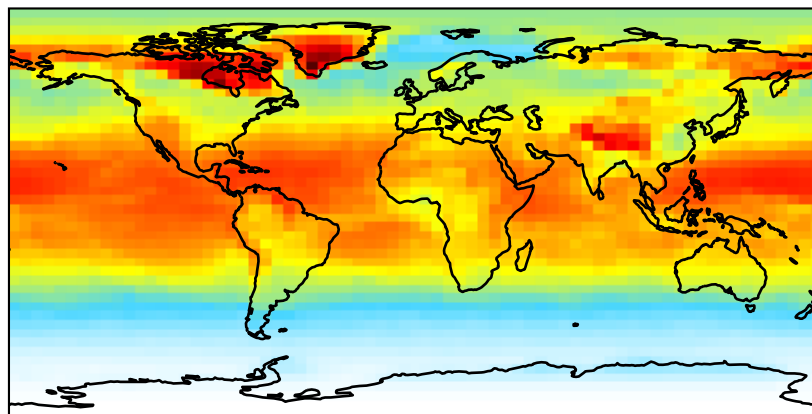


# Jval\_CH2O (Apr2019)

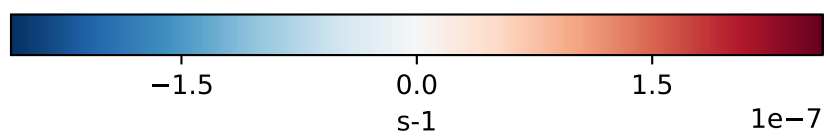
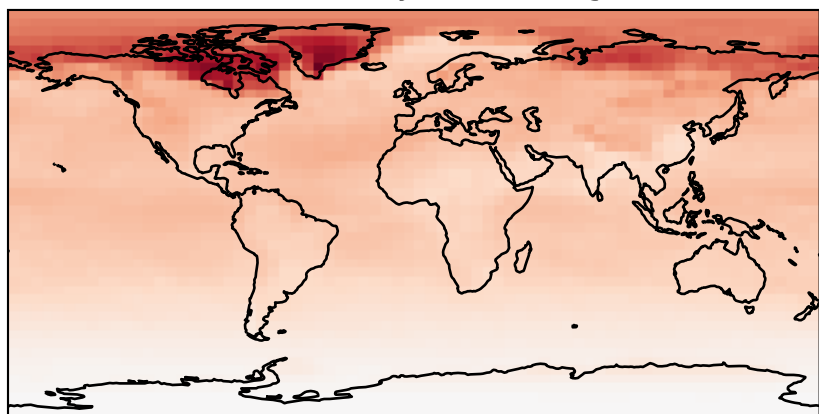
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



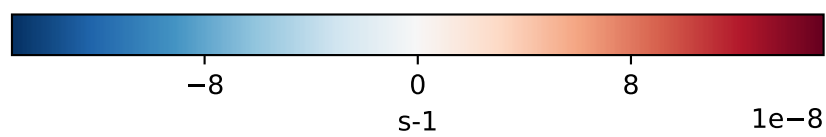
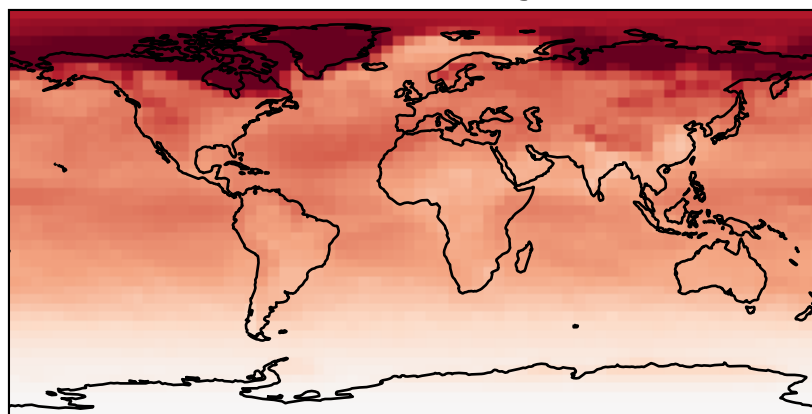
GCC\_13.0.0 (Dev)  
4.0x5.0



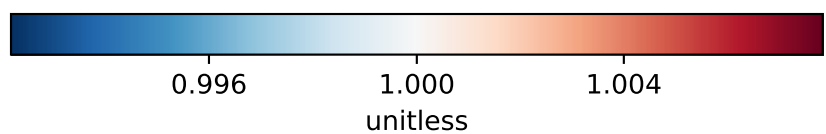
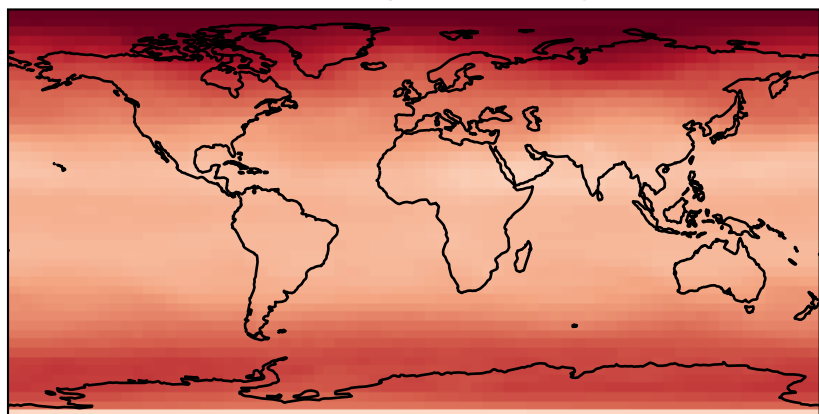
Difference  
Dev - Ref, Dynamic Range



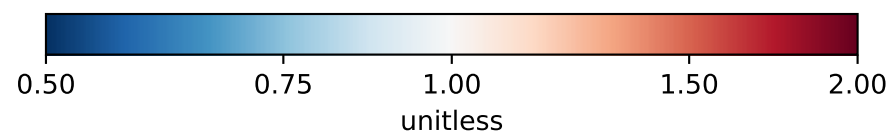
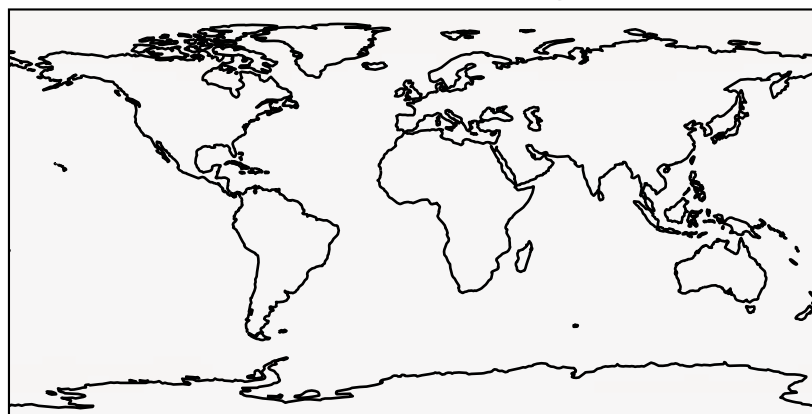
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



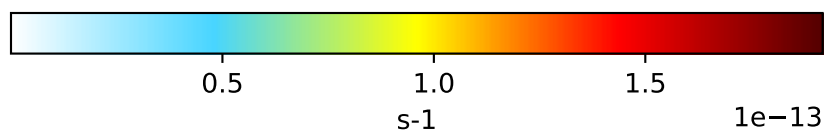
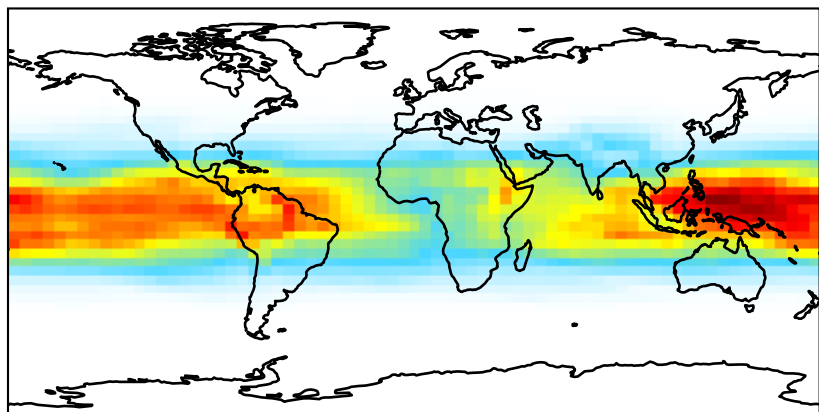
Ratio  
Dev/Ref, Fixed Range



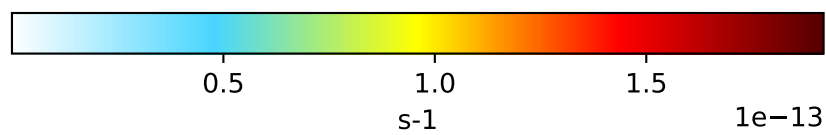
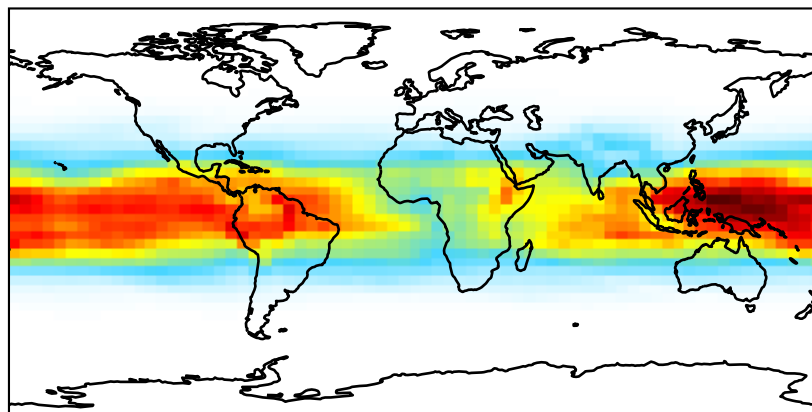


# Jval\_CH3Br (Apr2019)

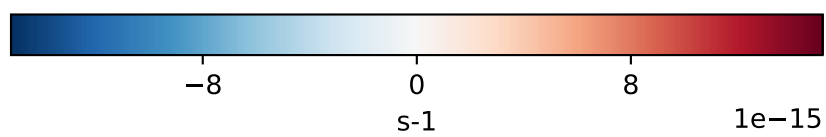
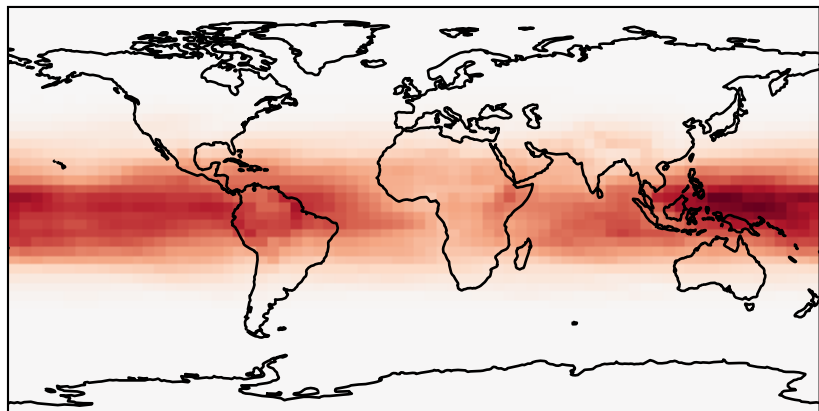
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



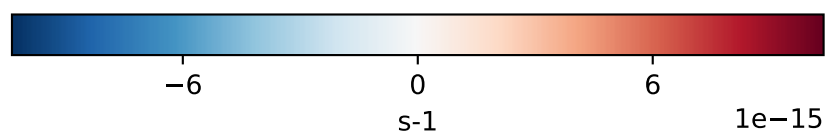
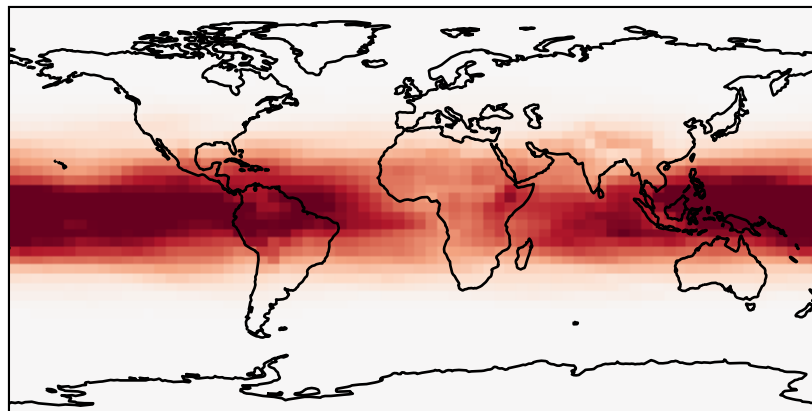
GCC\_13.0.0 (Dev)  
4.0x5.0



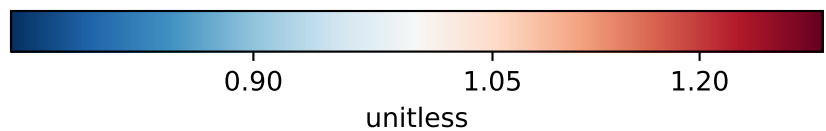
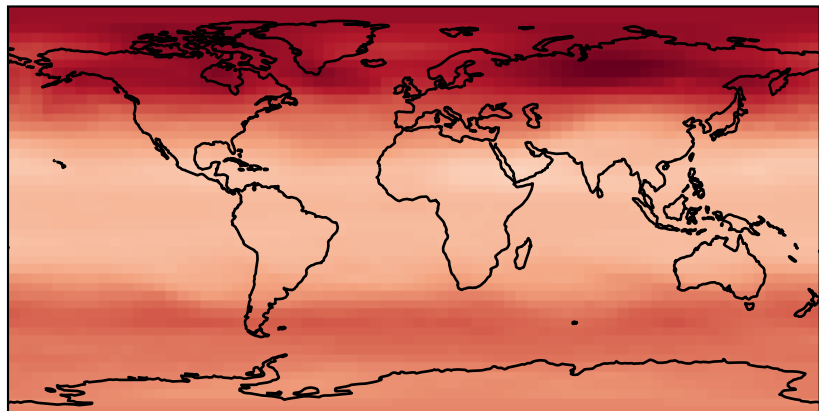
Difference  
Dev - Ref, Dynamic Range



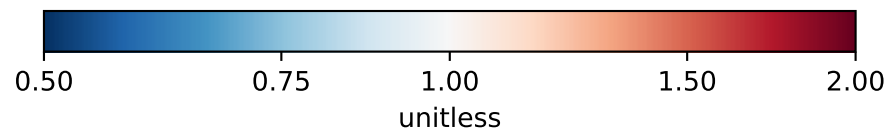
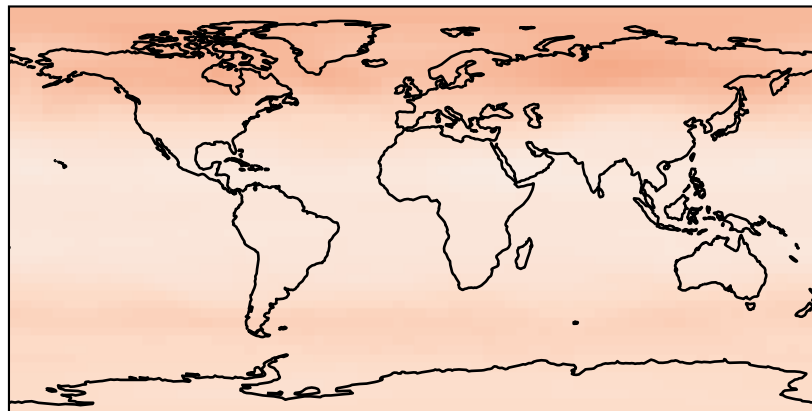
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

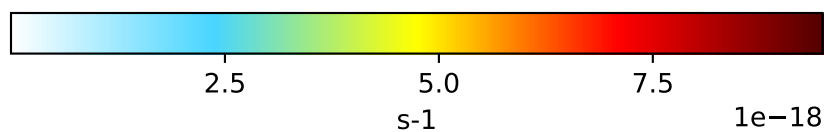
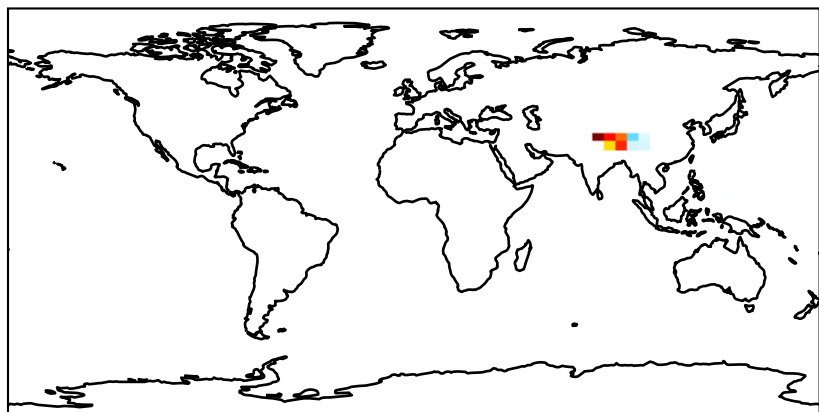


Ratio  
Dev/Ref, Fixed Range

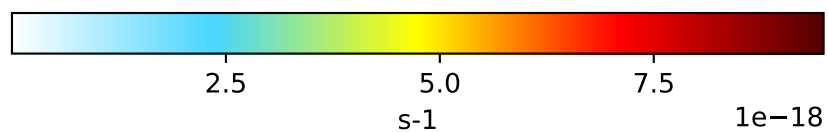
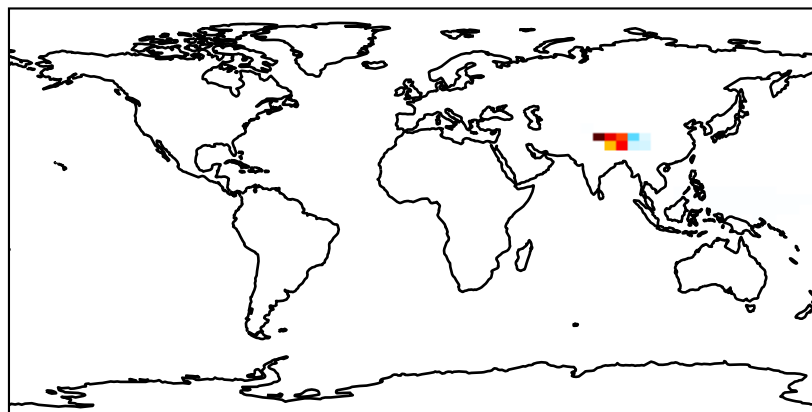


# Jval\_CH3CCI3 (Apr2019)

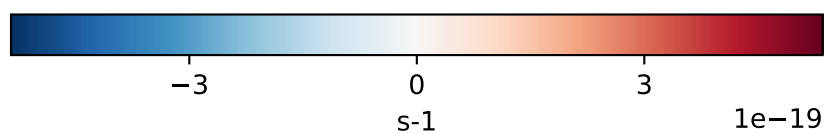
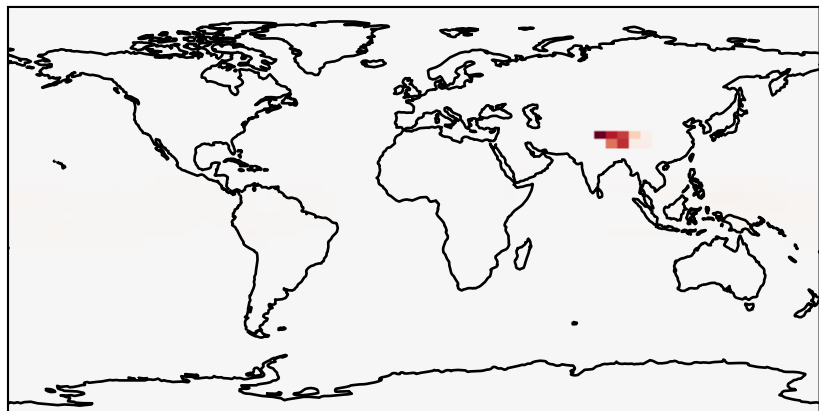
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



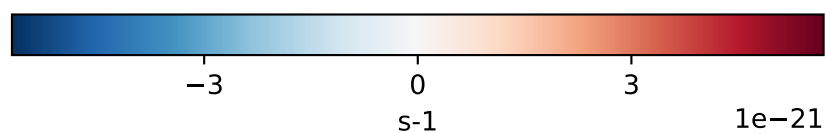
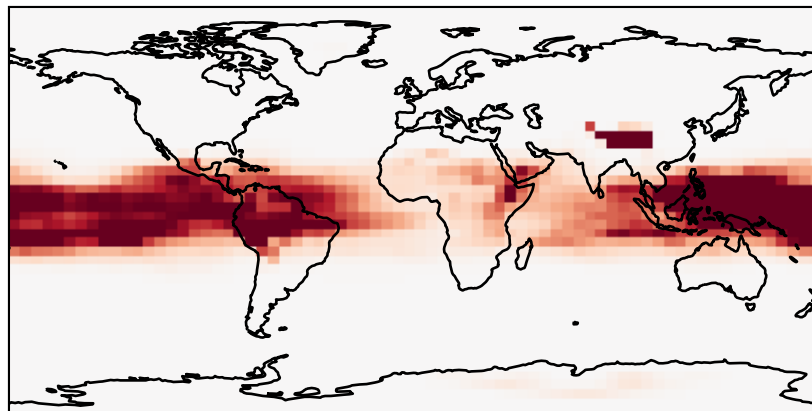
GCC\_13.0.0 (Dev)  
4.0x5.0



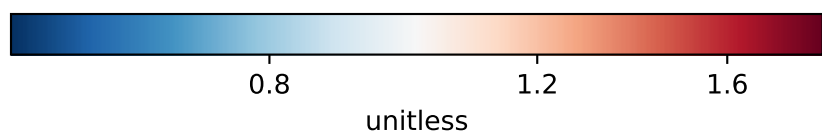
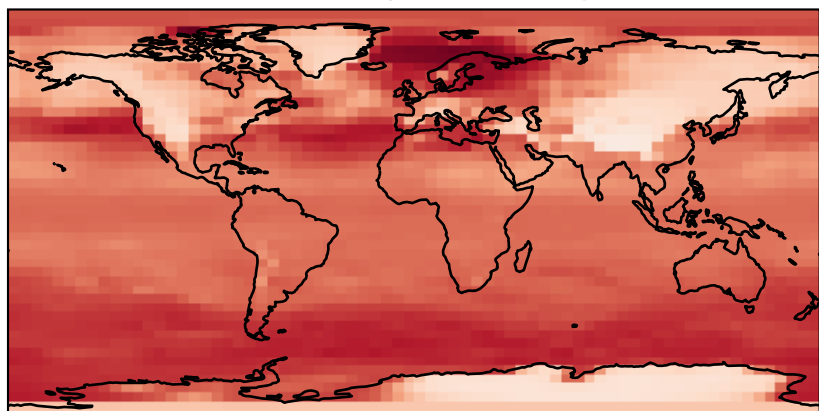
Difference  
Dev - Ref, Dynamic Range



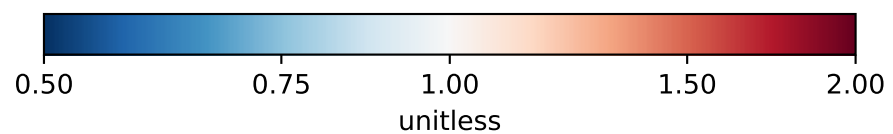
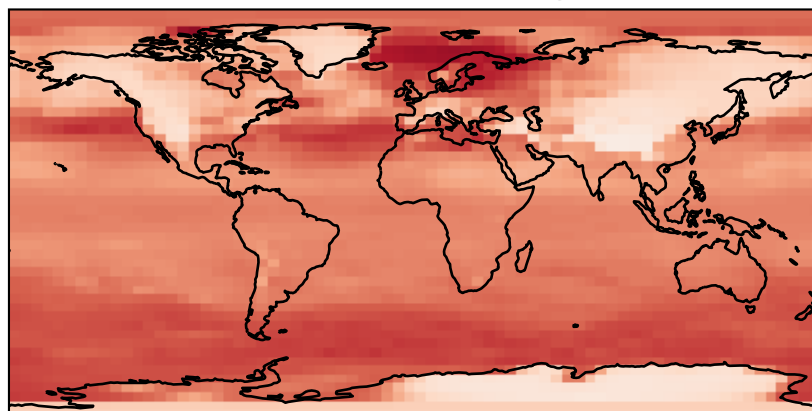
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

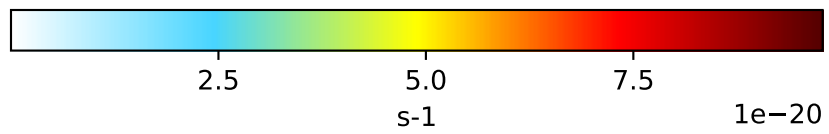
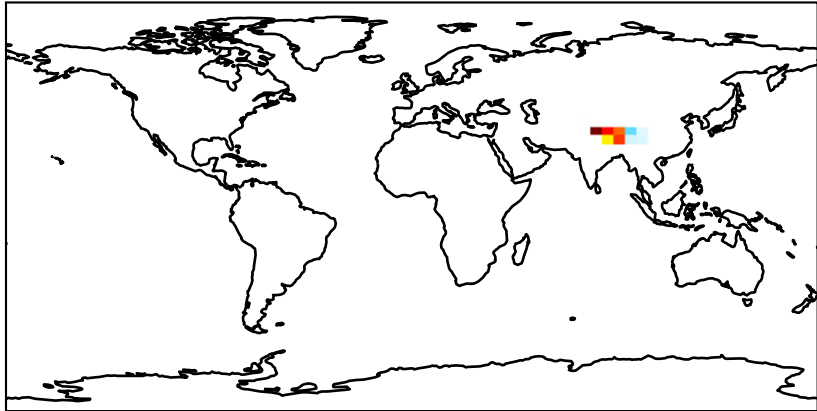


Ratio  
Dev/Ref, Fixed Range

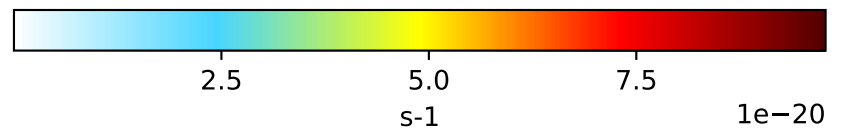
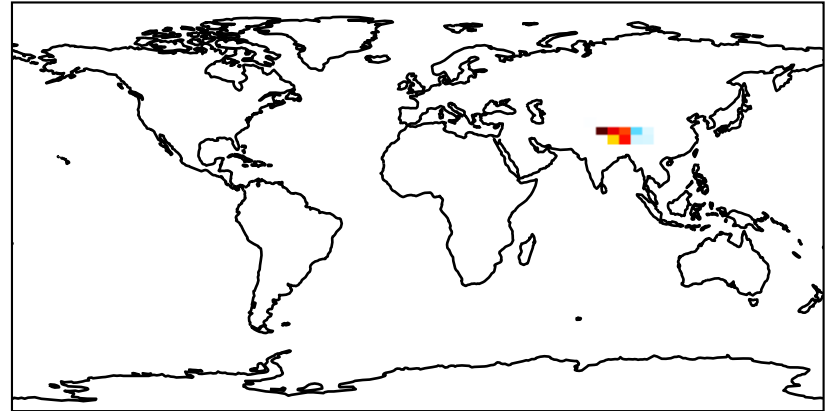


# Jval\_CH3Cl (Apr2019)

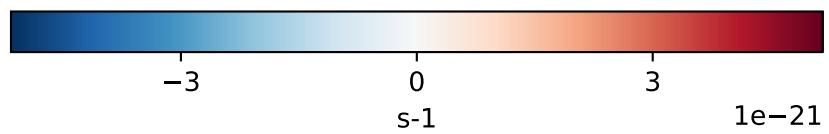
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



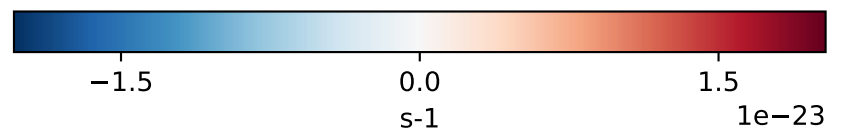
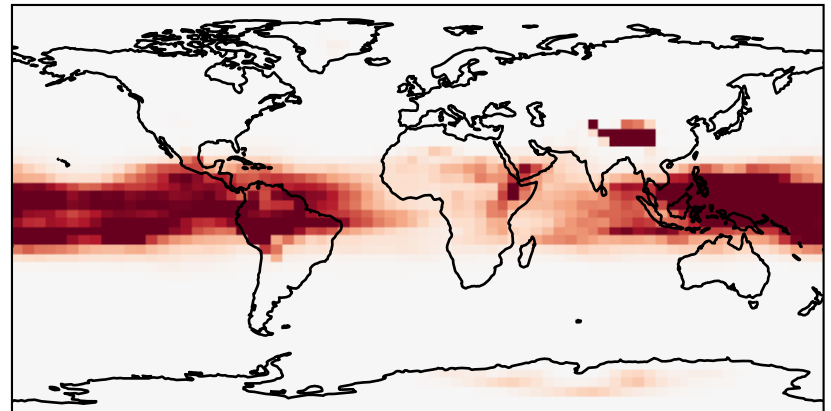
GCC\_13.0.0 (Dev)  
4.0x5.0



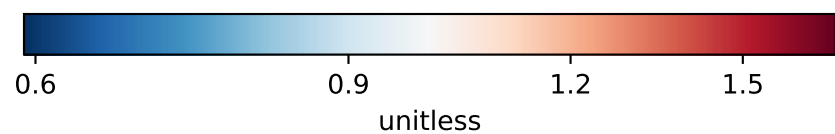
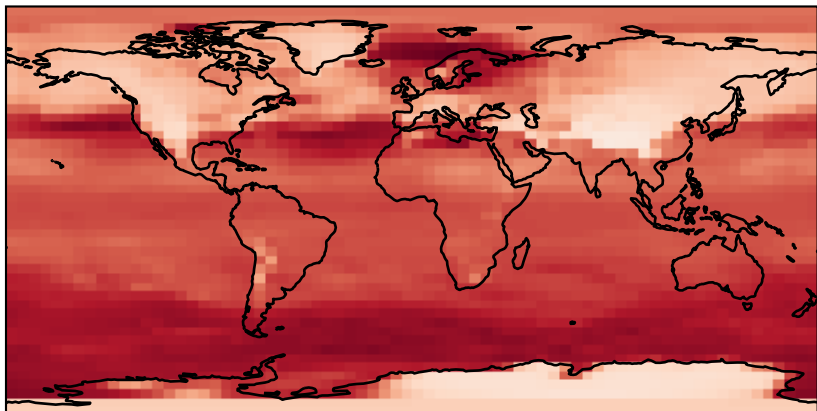
Difference  
Dev - Ref, Dynamic Range



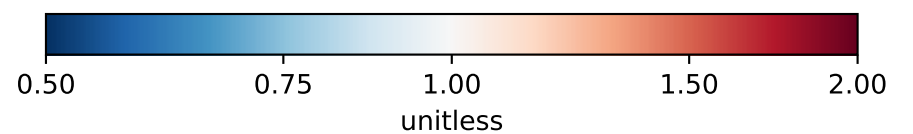
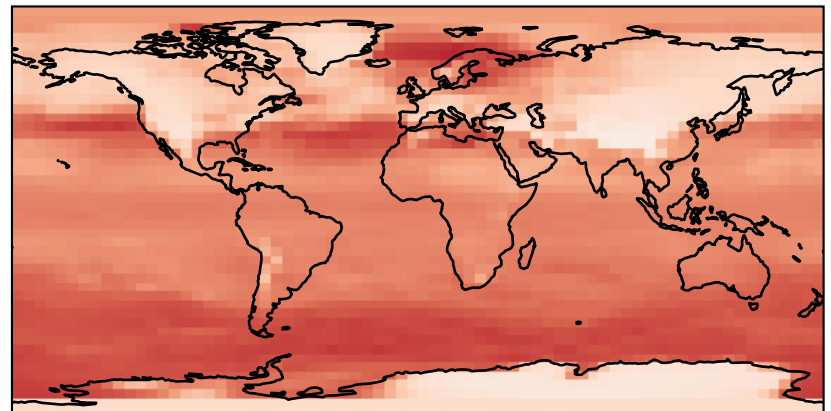
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

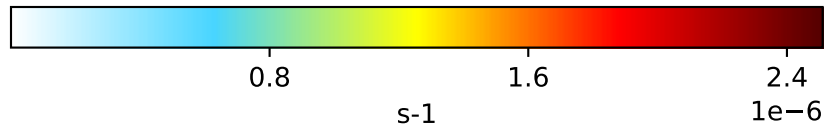
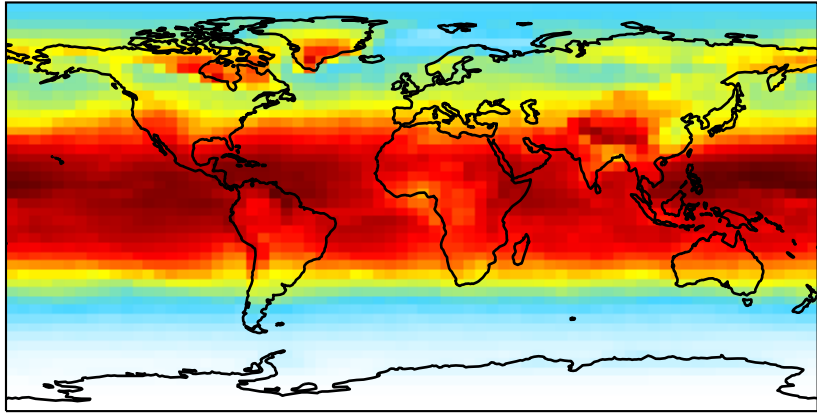


Ratio  
Dev/Ref, Fixed Range

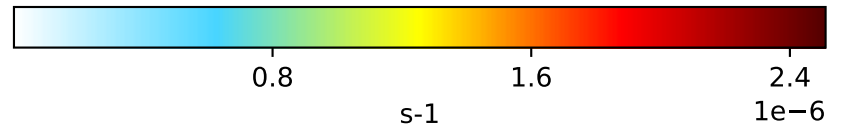
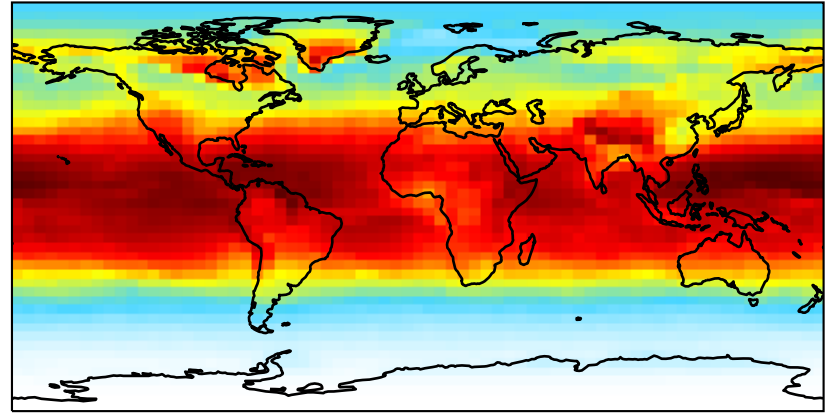


# Jval\_CH3I (Apr2019)

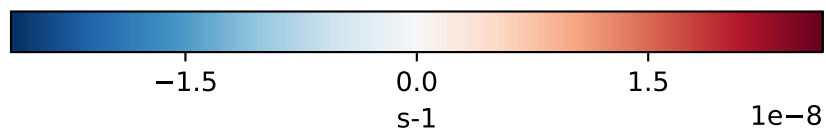
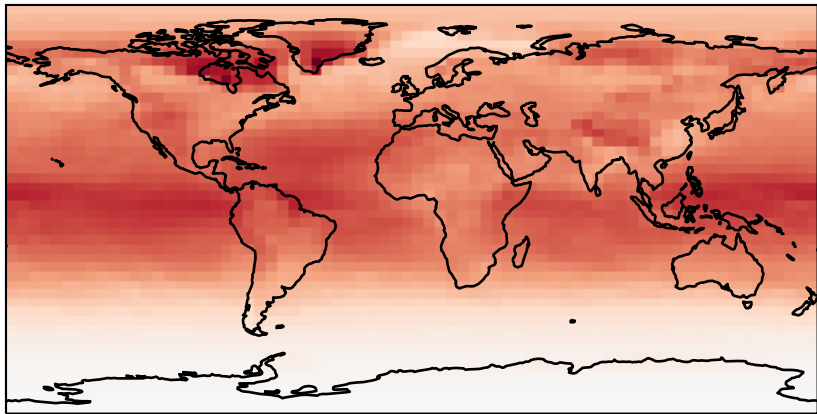
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



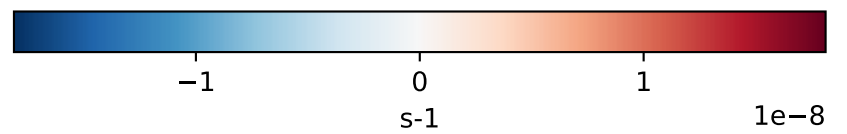
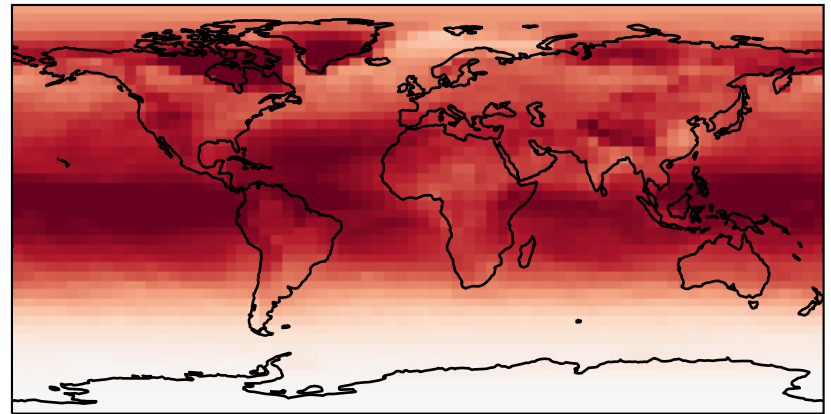
GCC\_13.0.0 (Dev)  
4.0x5.0



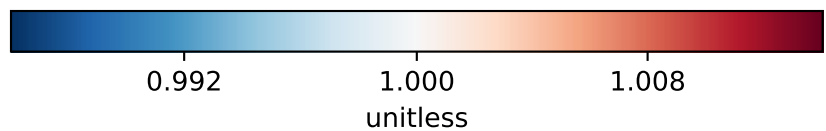
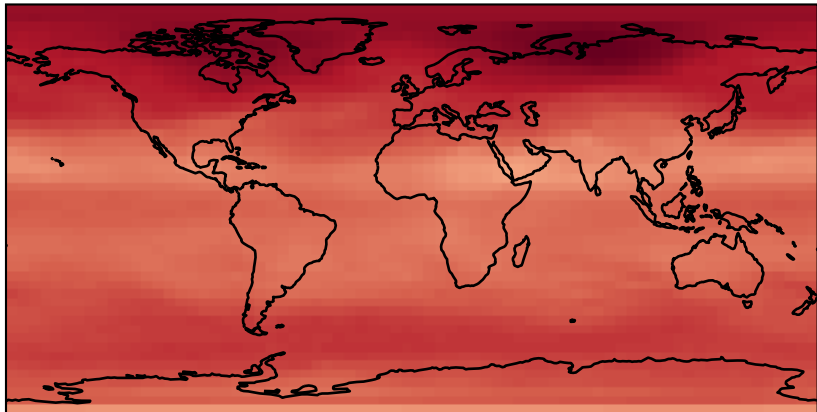
Difference  
Dev - Ref, Dynamic Range



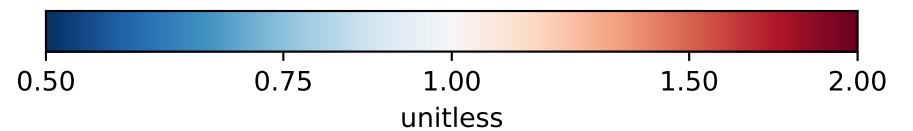
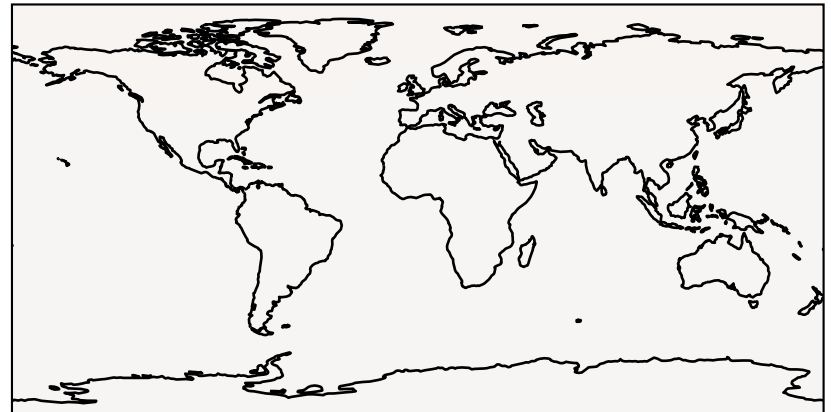
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

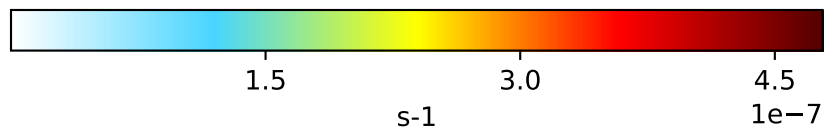
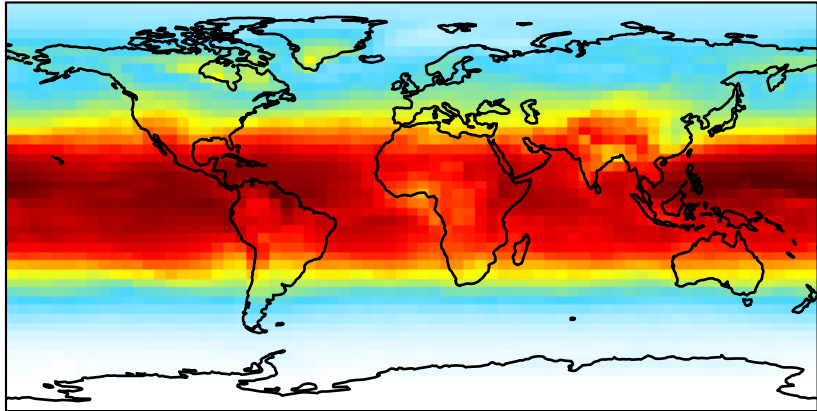


Ratio  
Dev/Ref, Fixed Range

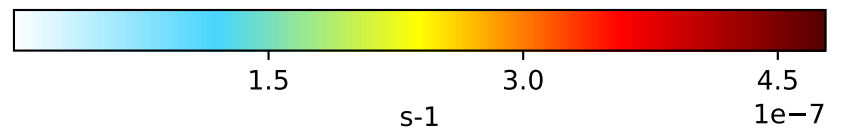
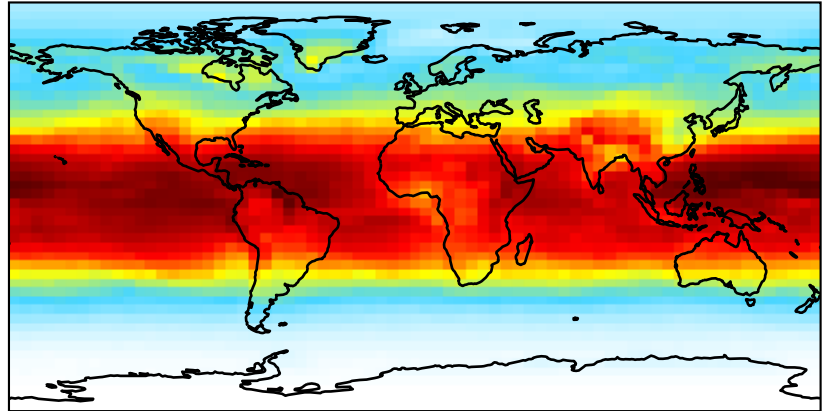


# Jval\_CHBr3 (Apr2019)

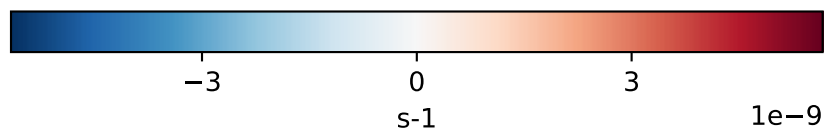
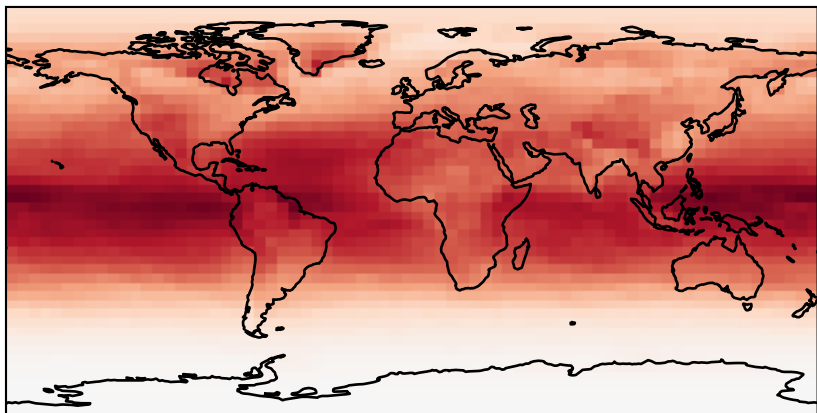
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



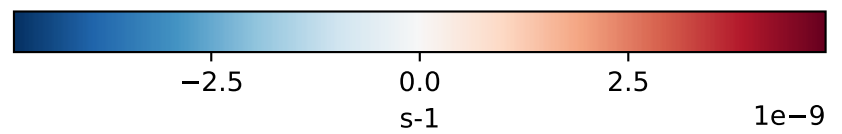
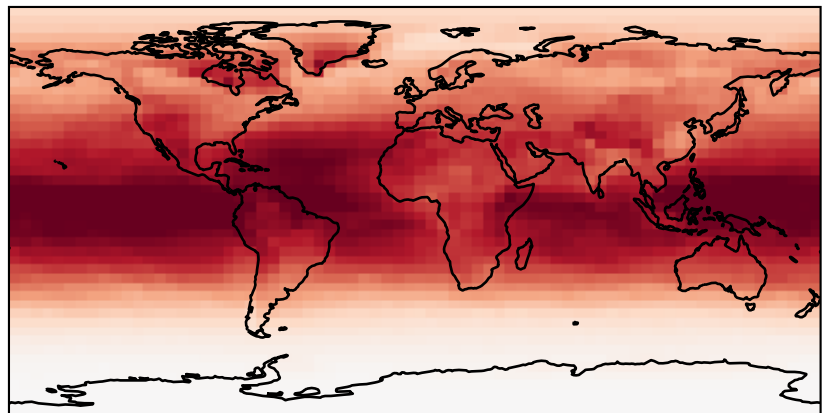
GCC\_13.0.0 (Dev)  
4.0x5.0



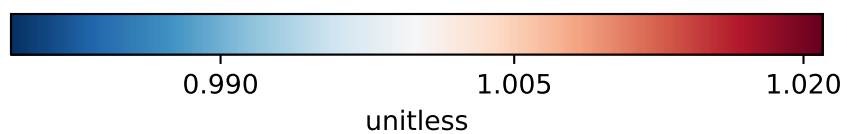
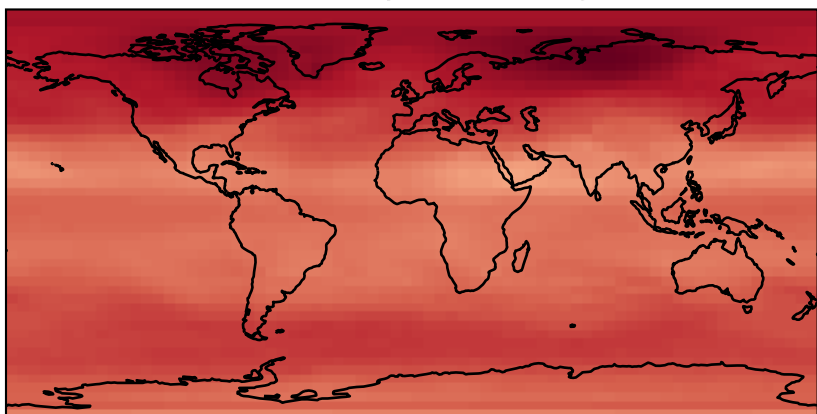
Difference  
Dev - Ref, Dynamic Range



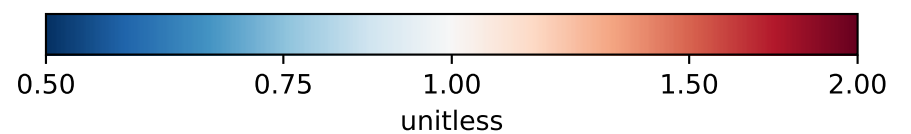
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



Ratio  
Dev/Ref, Fixed Range





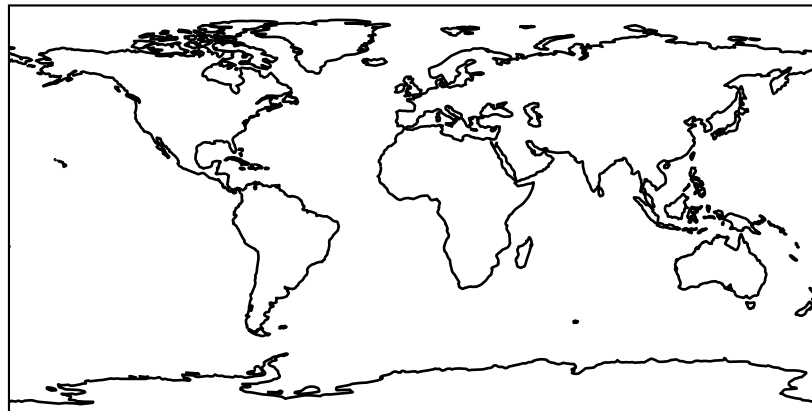
# Jval\_CHCl3 (Apr2019)

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



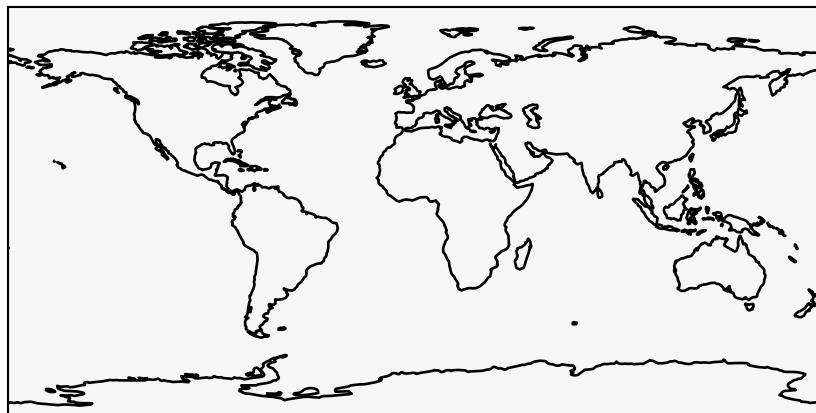
Zero throughout domain  
s-1

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



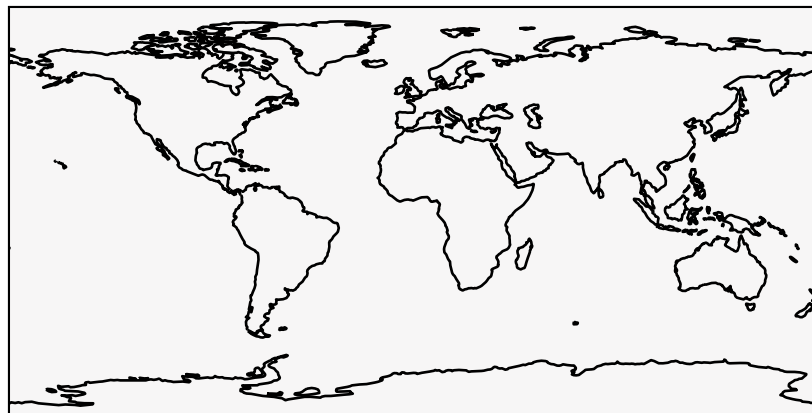
Zero throughout domain  
s-1

Difference  
Dev - Ref, Dynamic Range



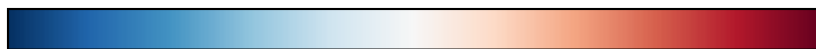
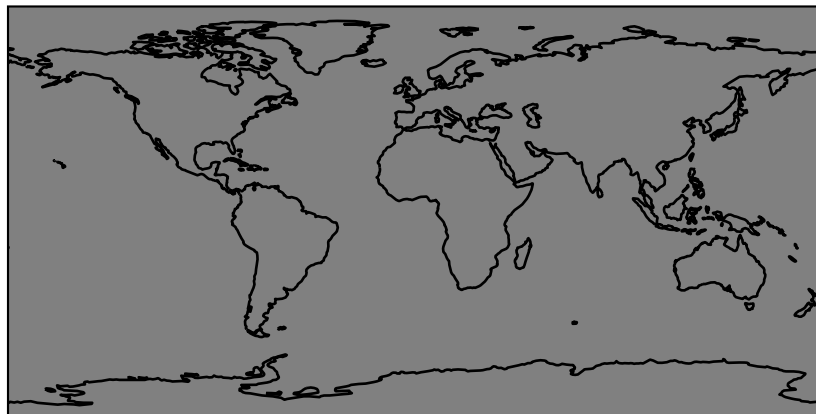
Zero throughout domain  
s-1

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



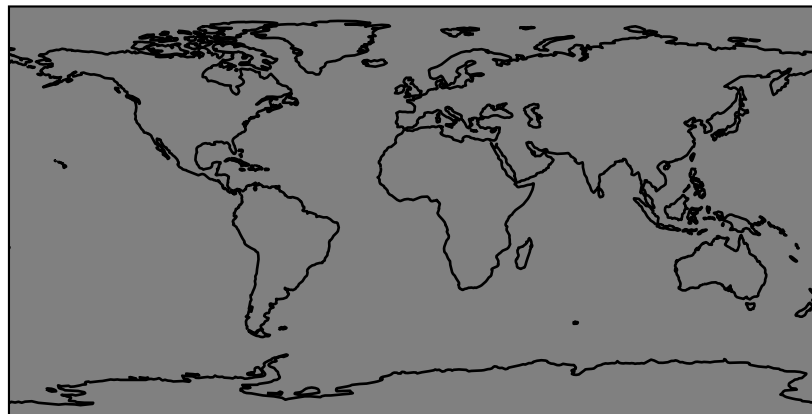
Zero throughout domain  
s-1

Ratio  
Dev/Ref, Dynamic Range



Undefined throughout domain  
unitless

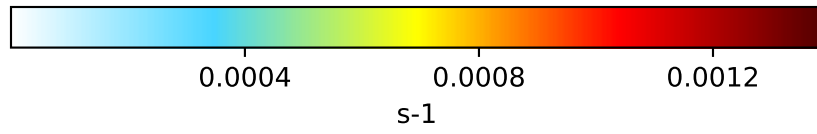
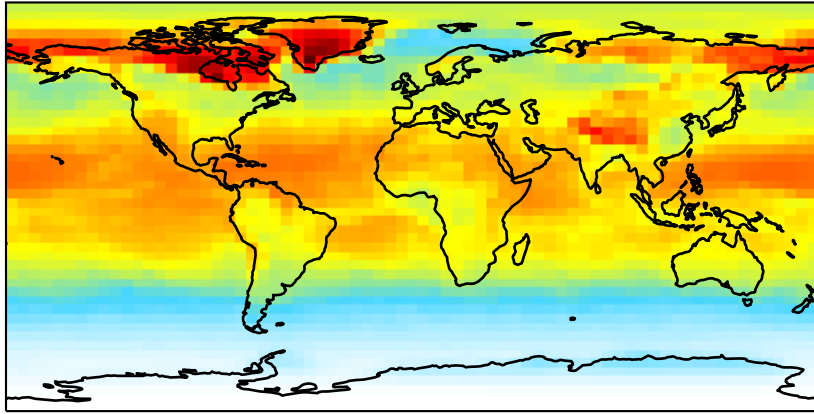
Ratio  
Dev/Ref, Fixed Range



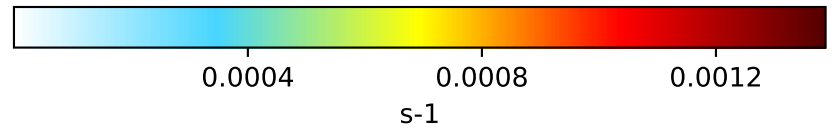
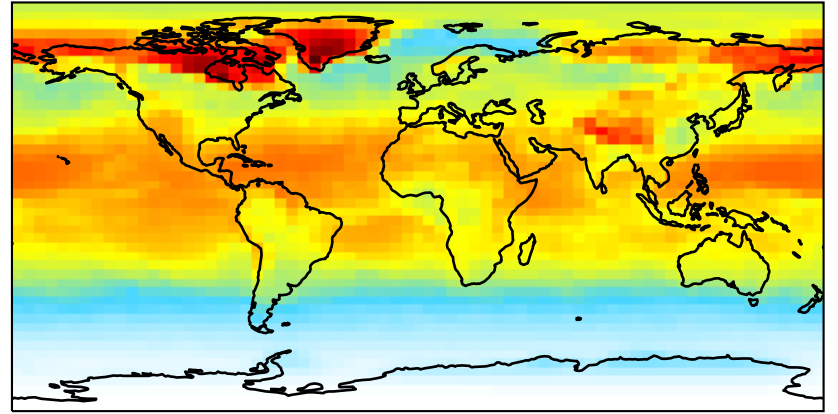
Undefined throughout domain  
unitless

# Jval\_CI2 (Apr2019)

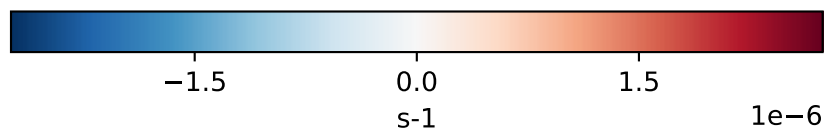
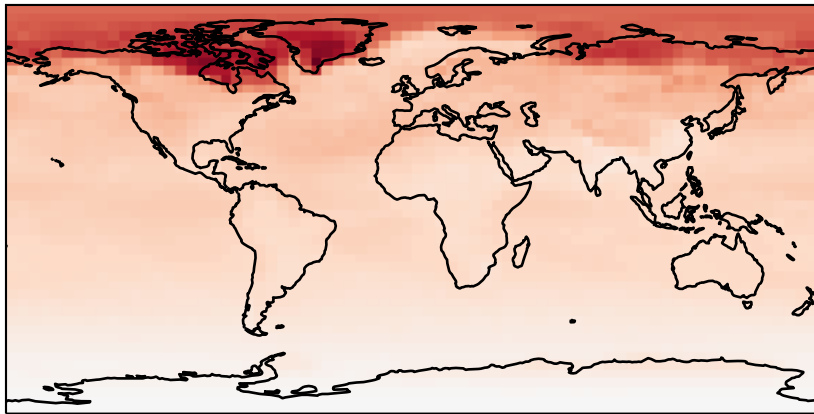
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



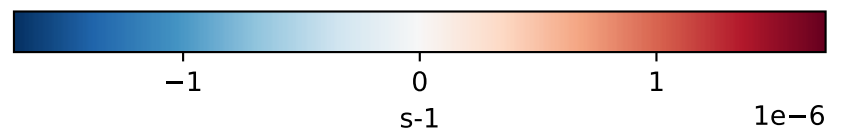
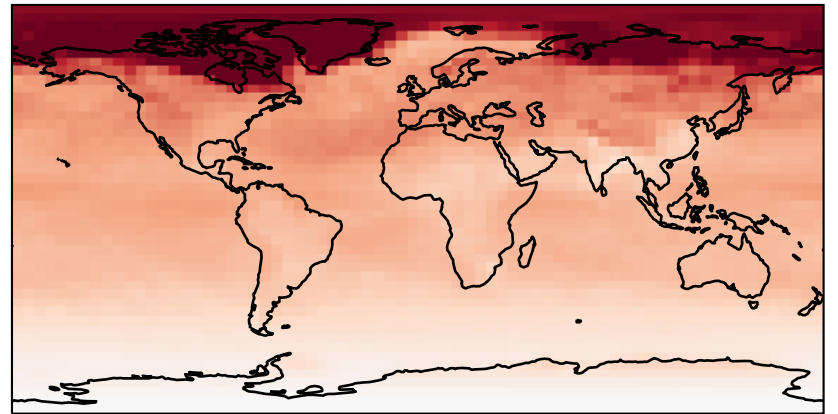
GCC\_13.0.0 (Dev)  
4.0x5.0



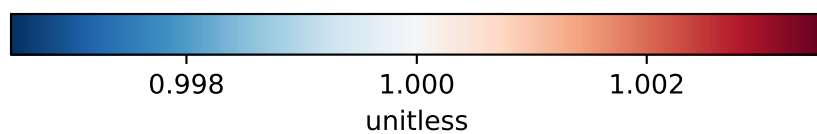
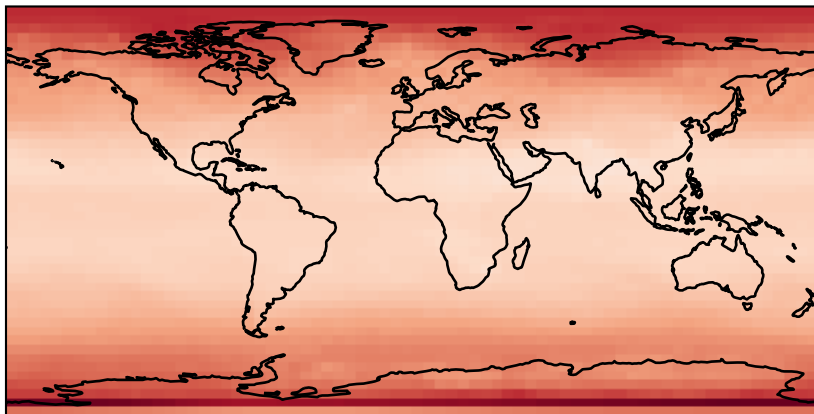
Difference  
Dev - Ref, Dynamic Range



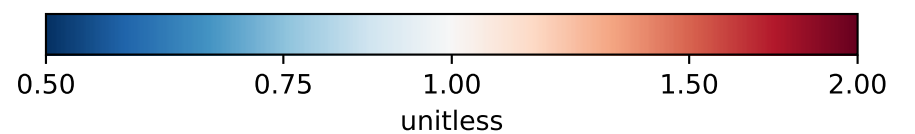
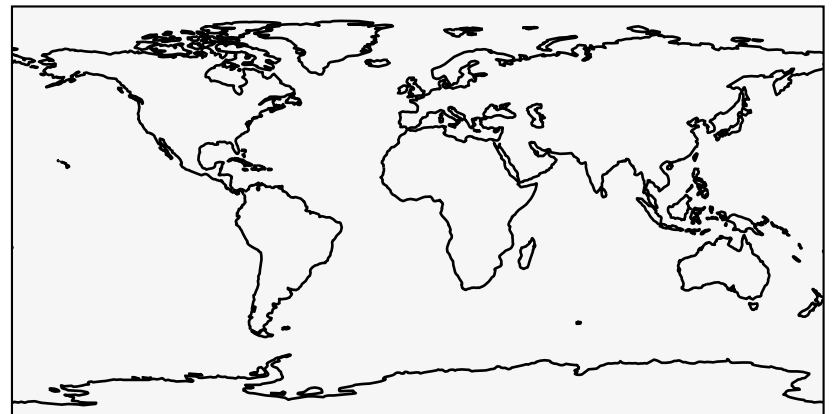
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

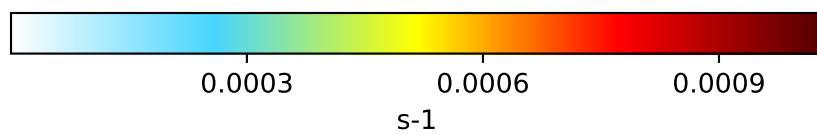
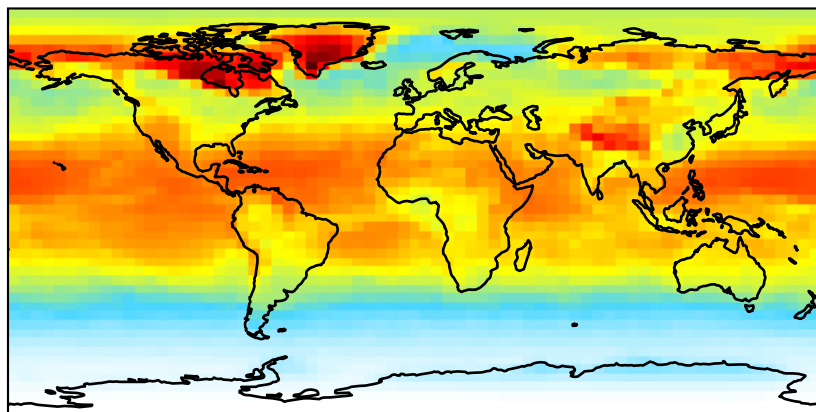


Ratio  
Dev/Ref, Fixed Range

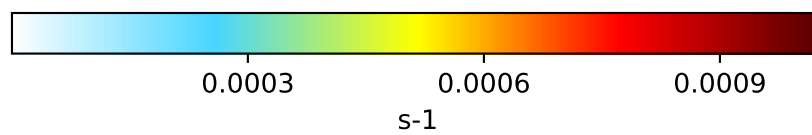
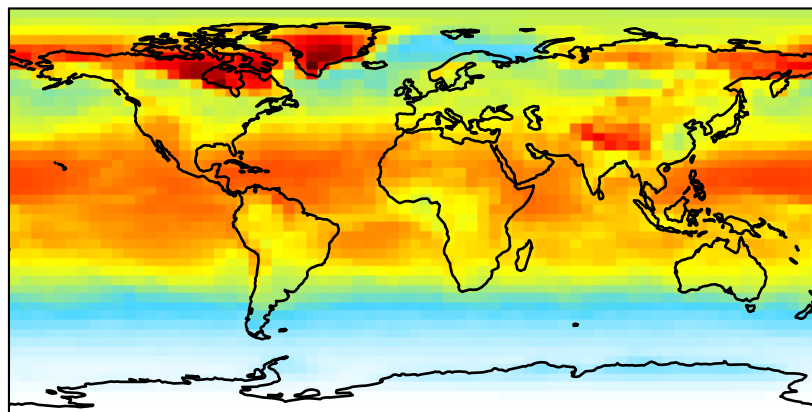


# Jval\_CI202 (Apr2019)

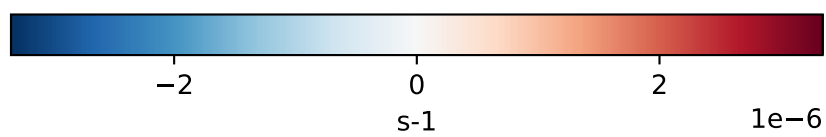
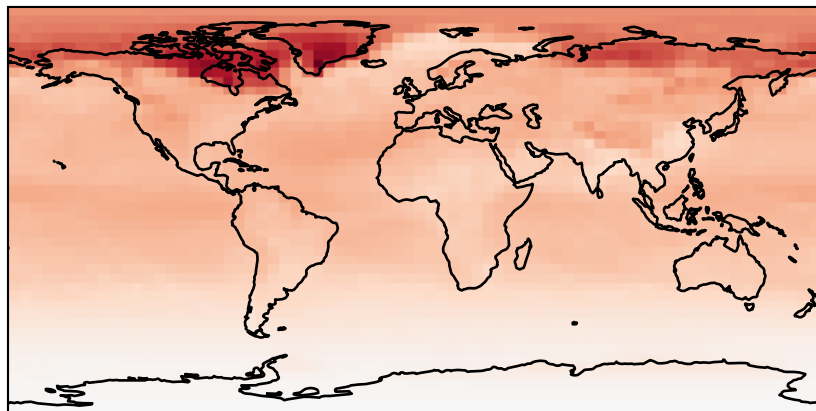
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



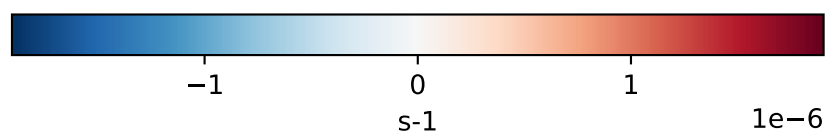
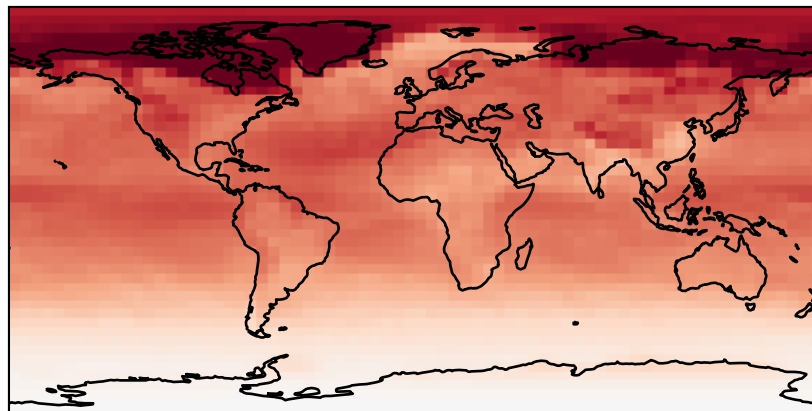
GCC\_13.0.0 (Dev)  
4.0x5.0



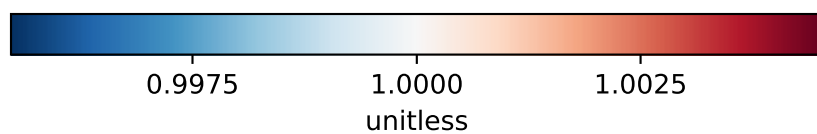
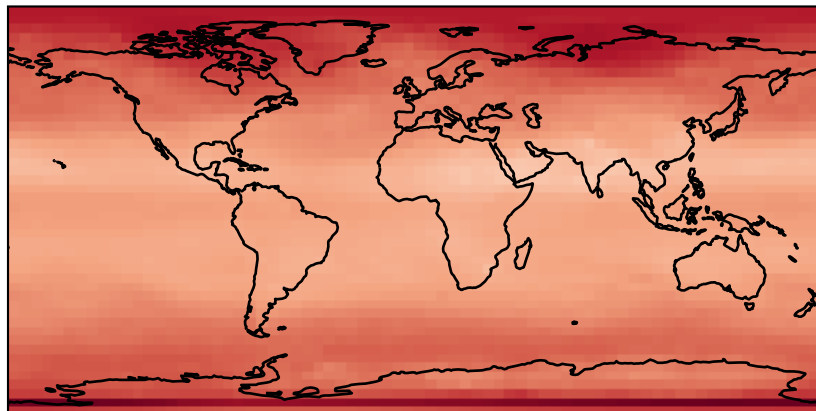
Difference  
Dev - Ref, Dynamic Range



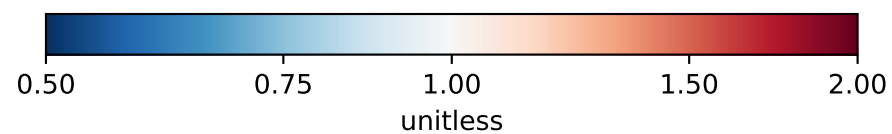
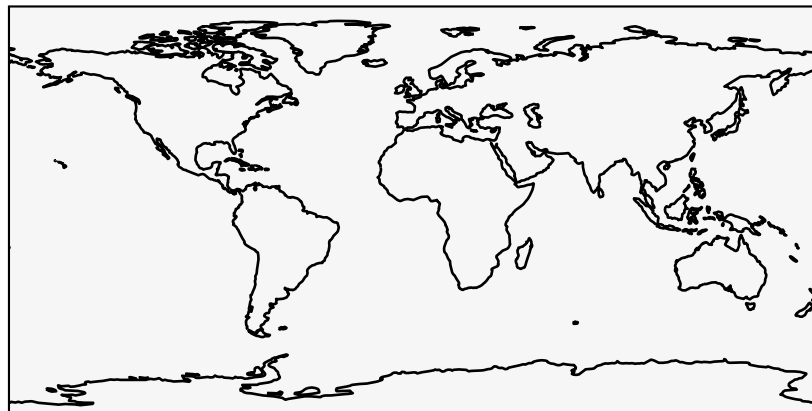
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

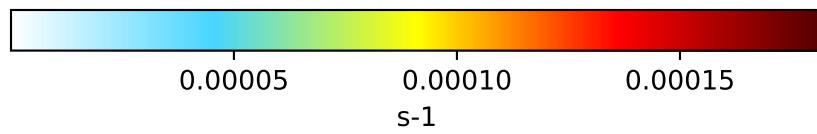
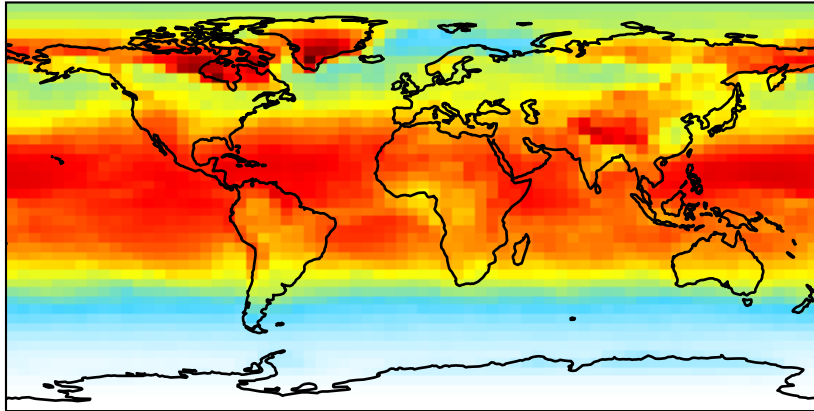


Ratio  
Dev/Ref, Fixed Range

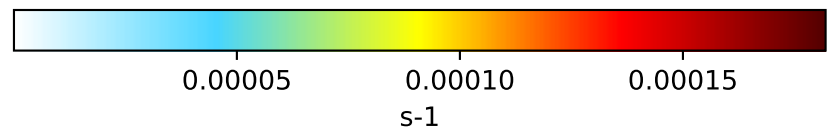
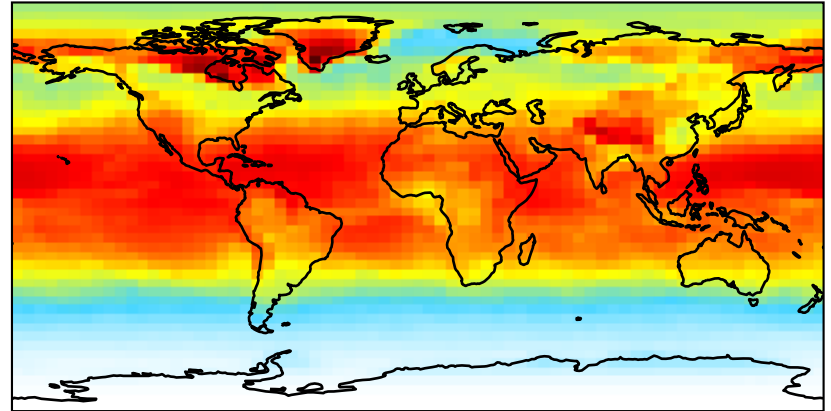


# Jval\_CINO2 (Apr2019)

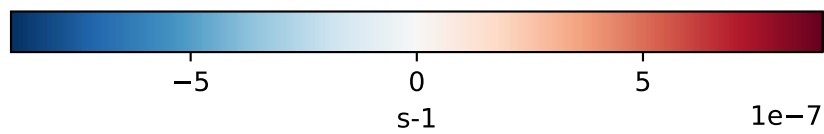
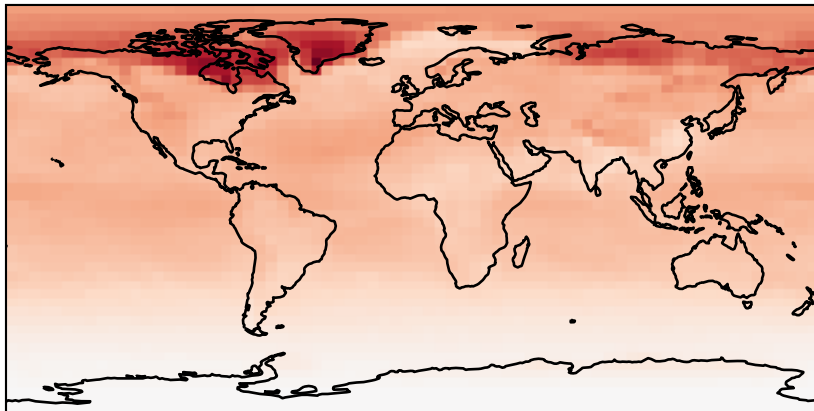
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



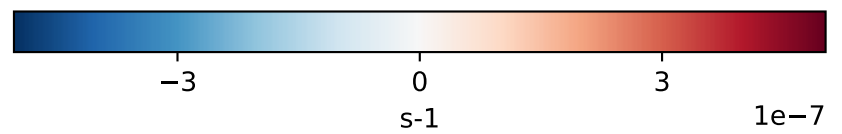
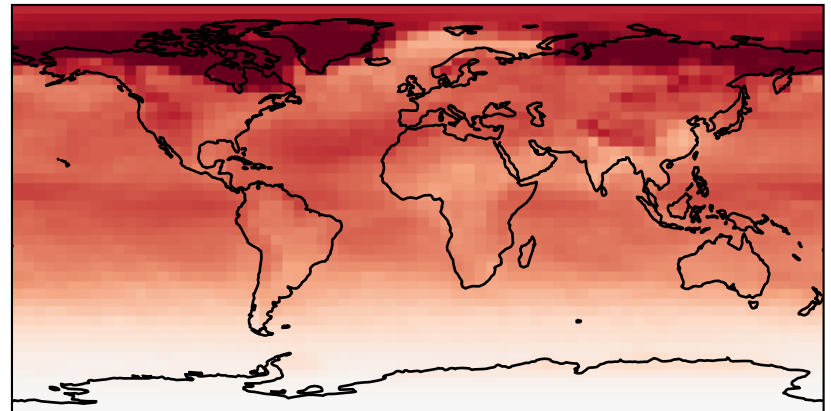
GCC\_13.0.0 (Dev)  
4.0x5.0



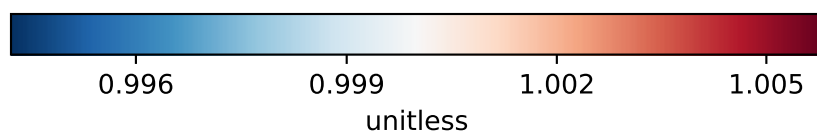
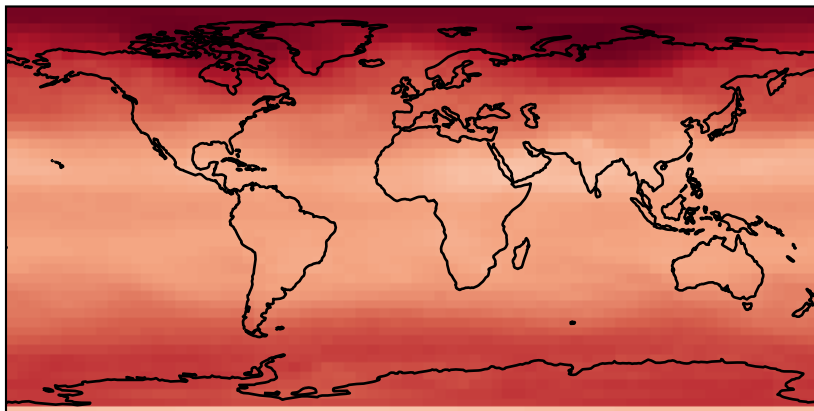
Difference  
Dev - Ref, Dynamic Range



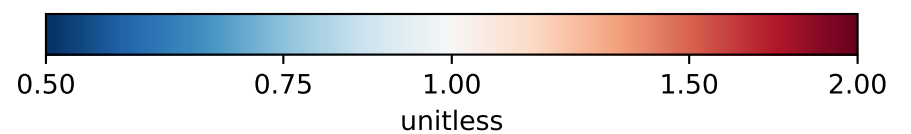
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

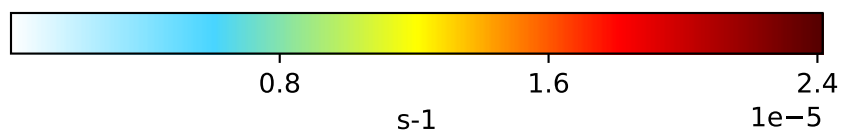
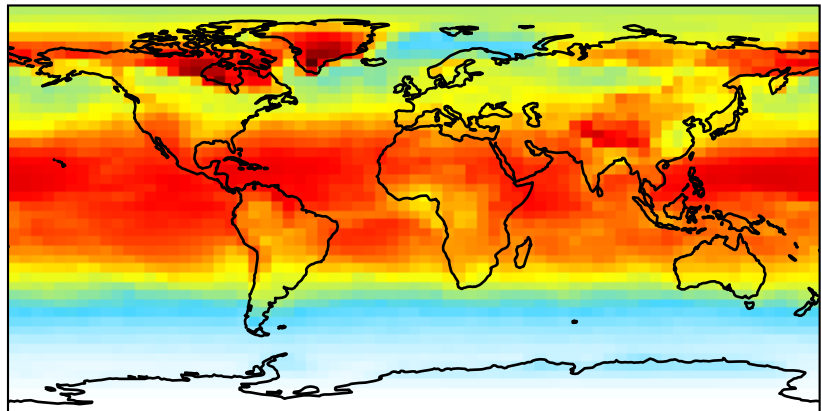


Ratio  
Dev/Ref, Fixed Range

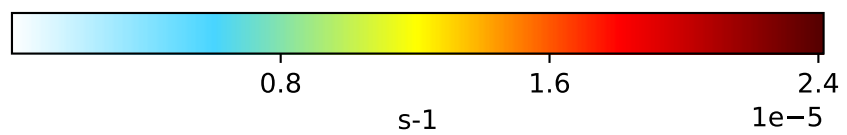
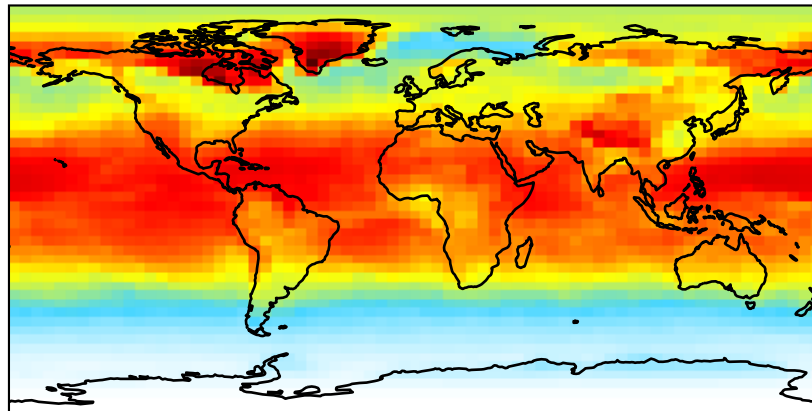


# Jval\_CINO3 (Apr2019)

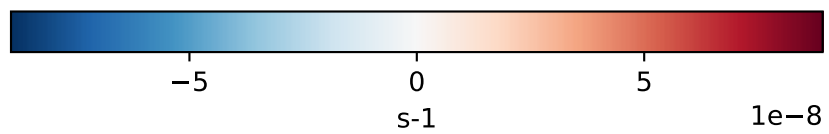
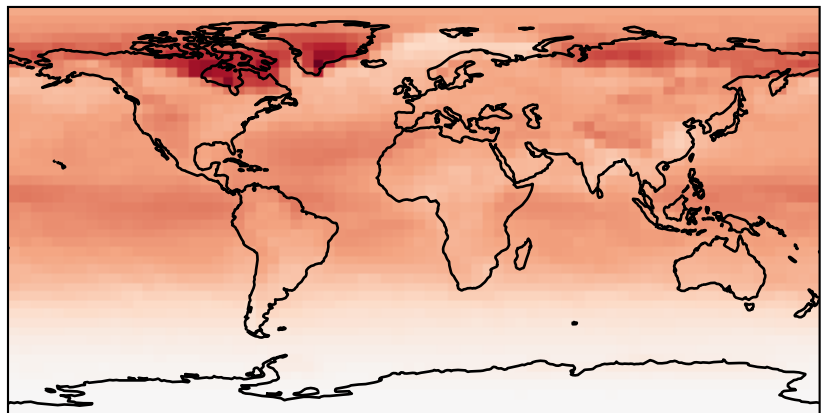
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



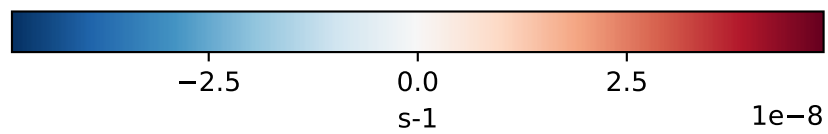
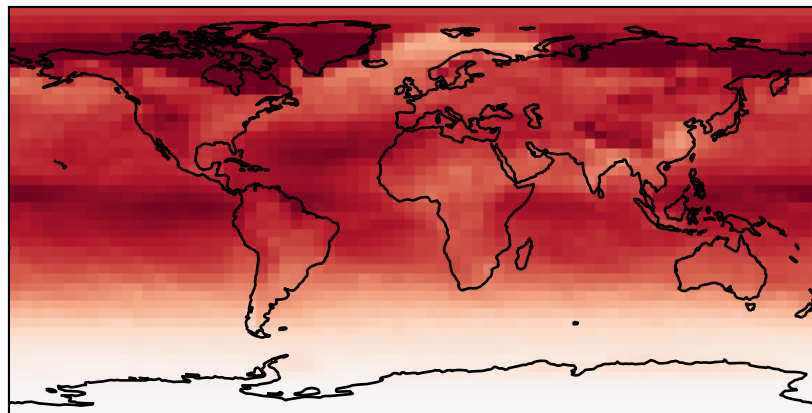
GCC\_13.0.0 (Dev)  
4.0x5.0



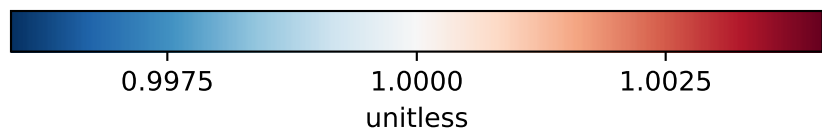
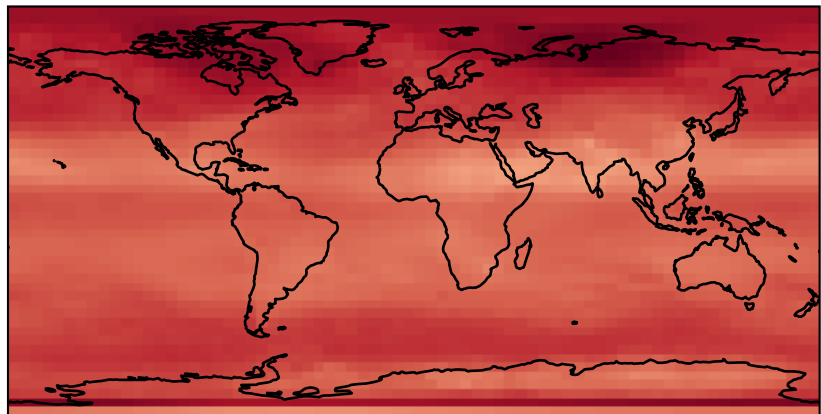
Difference  
Dev - Ref, Dynamic Range



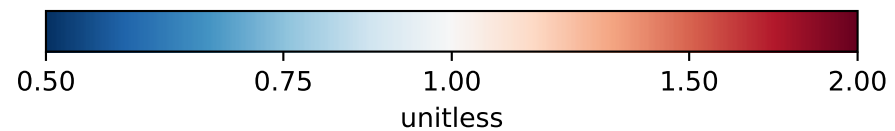
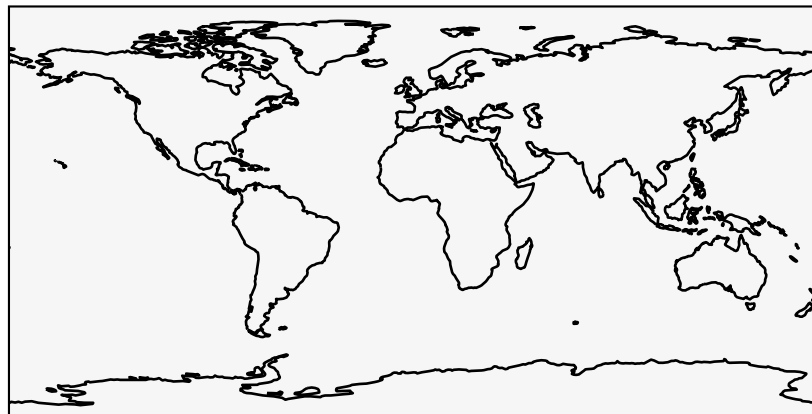
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



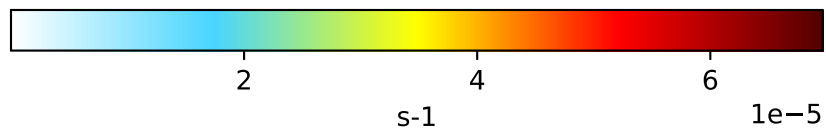
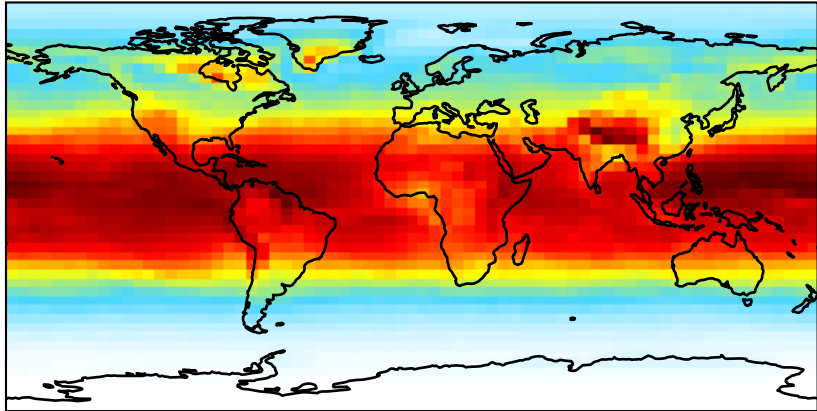
Ratio  
Dev/Ref, Fixed Range



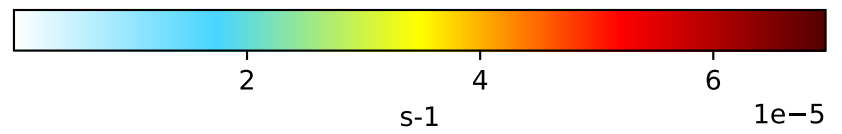
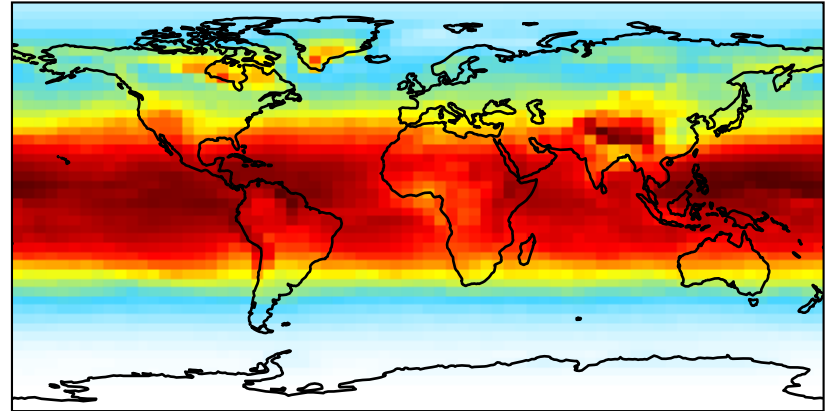


# Jval\_CIO (Apr2019)

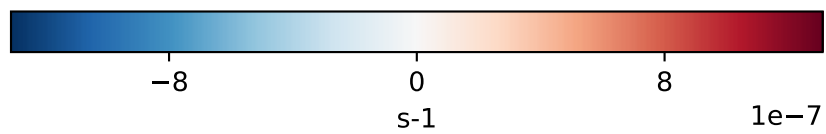
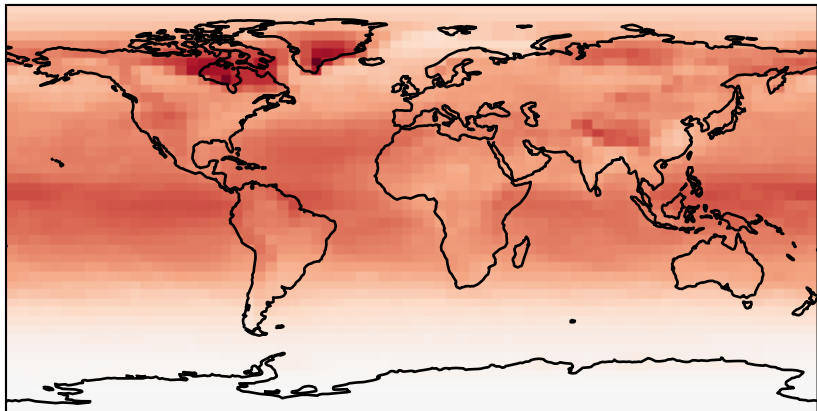
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



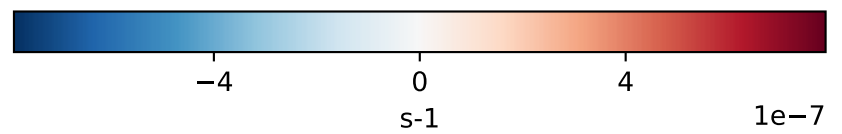
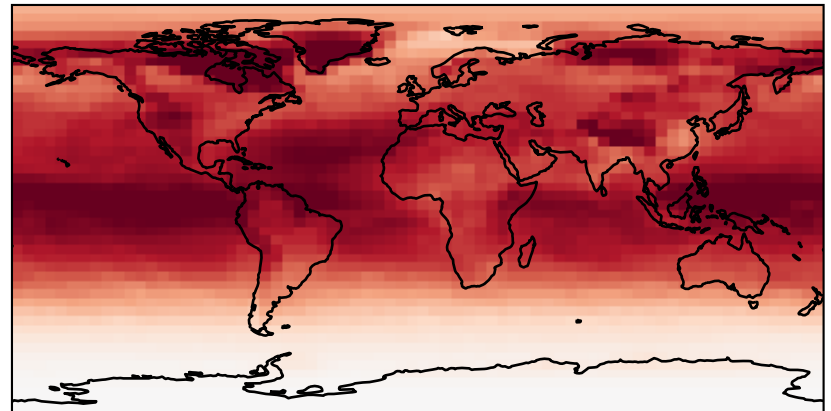
GCC\_13.0.0 (Dev)  
4.0x5.0



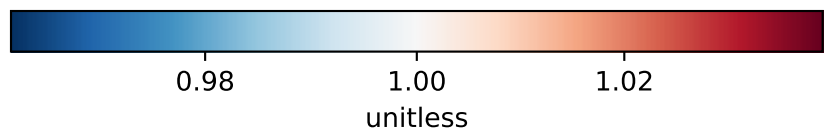
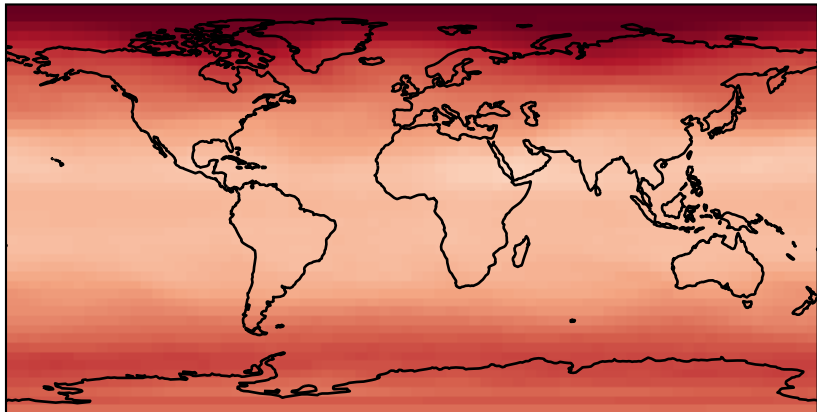
Difference  
Dev - Ref, Dynamic Range



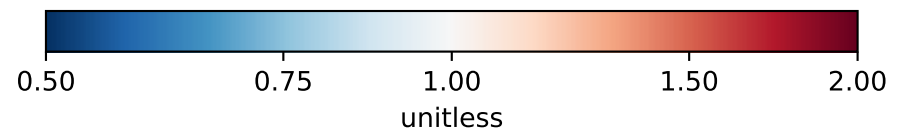
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

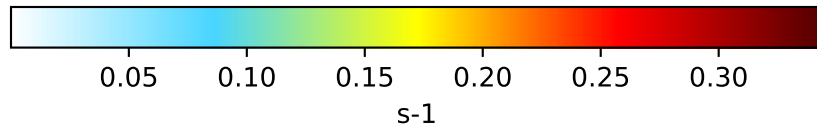
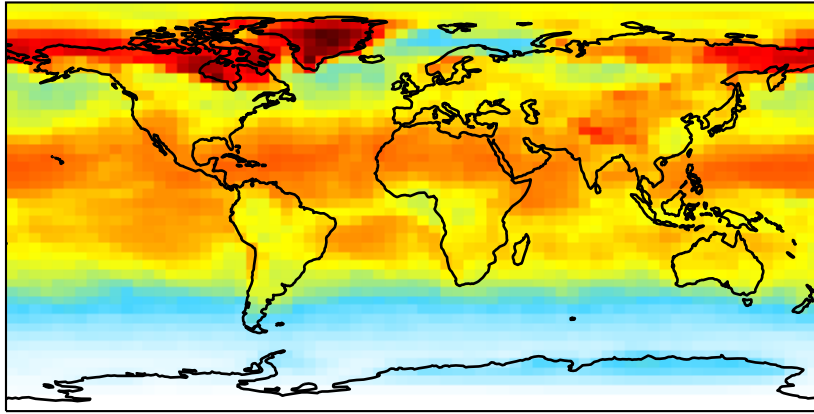


Ratio  
Dev/Ref, Fixed Range

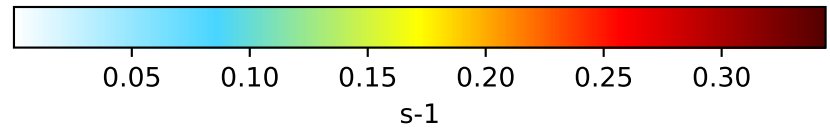
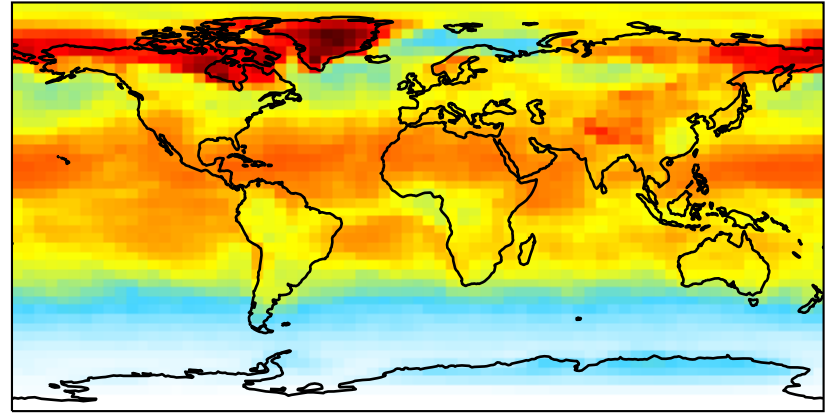


# Jval\_C100 (Apr2019)

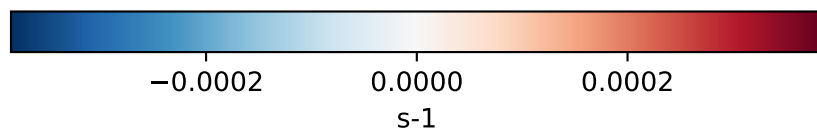
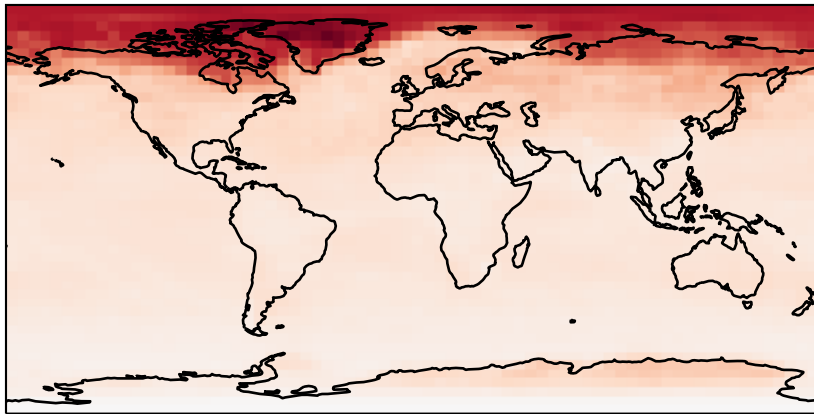
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



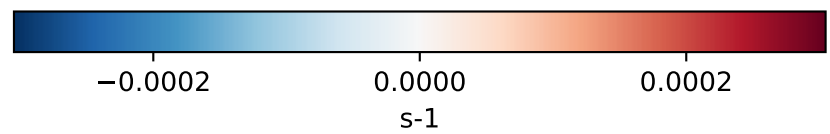
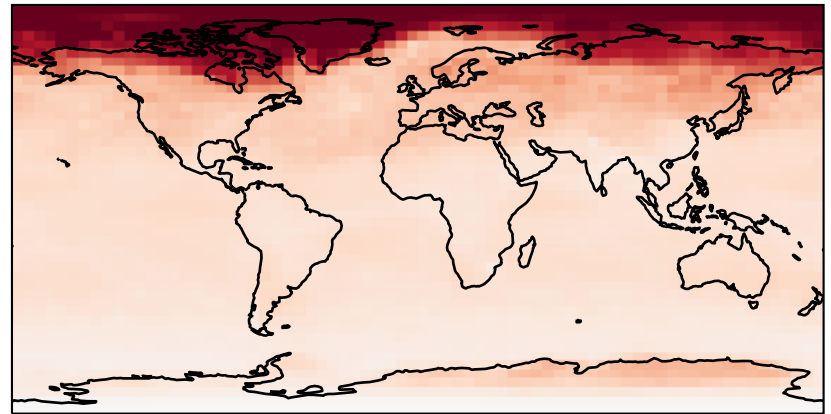
GCC\_13.0.0 (Dev)  
4.0x5.0



Difference  
Dev - Ref, Dynamic Range



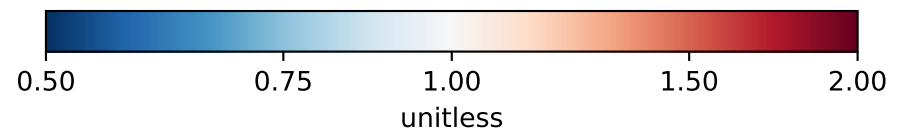
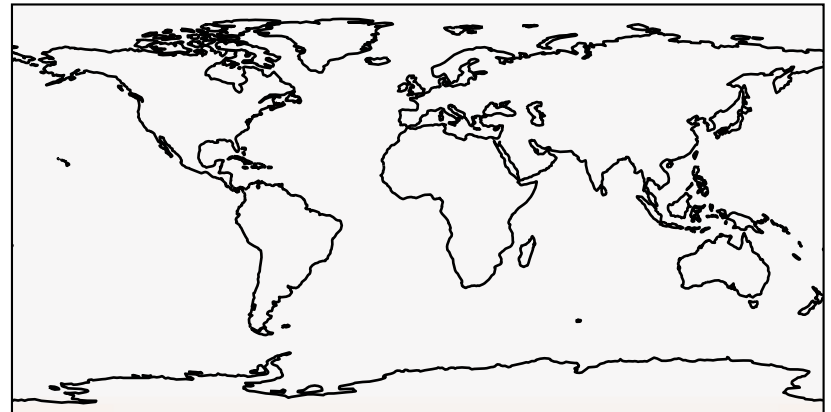
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

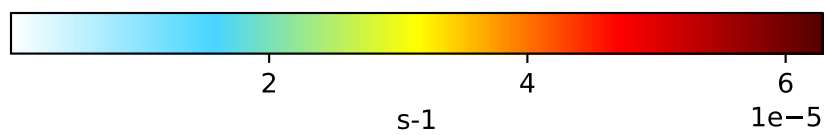
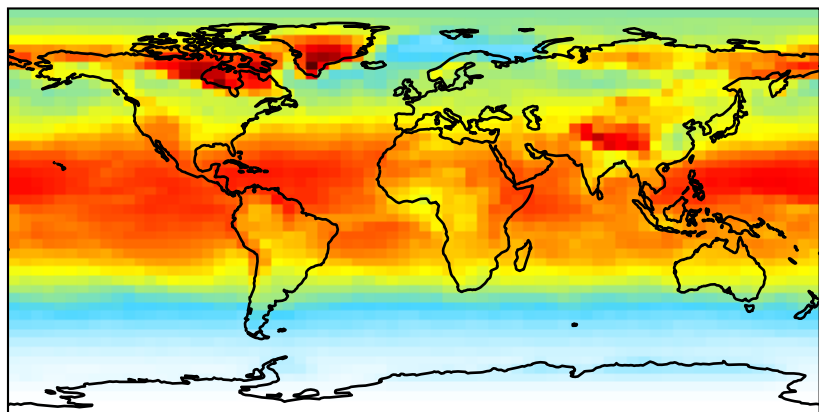


Ratio  
Dev/Ref, Fixed Range

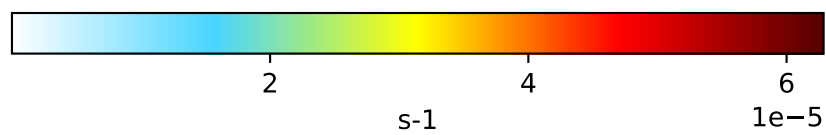
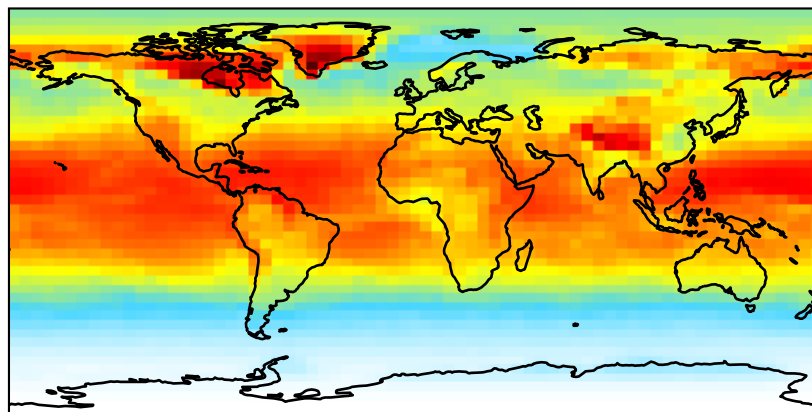


# Jval\_ETHLN (Apr2019)

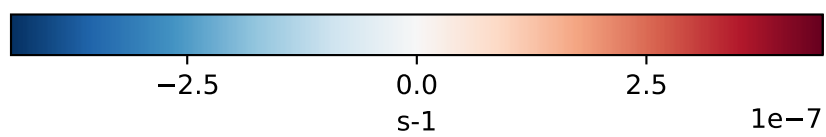
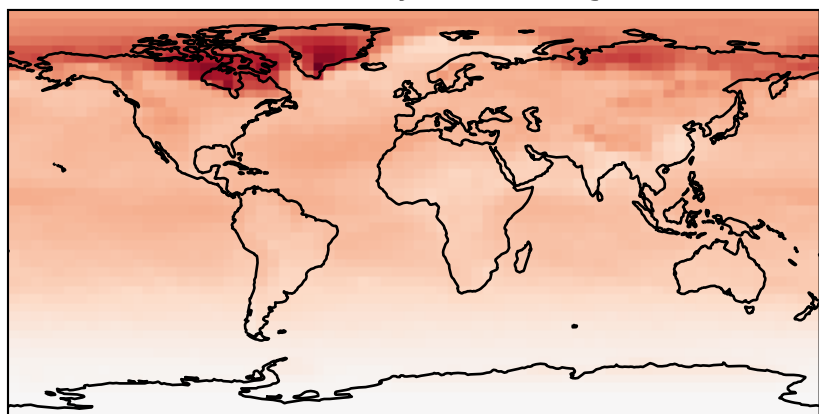
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



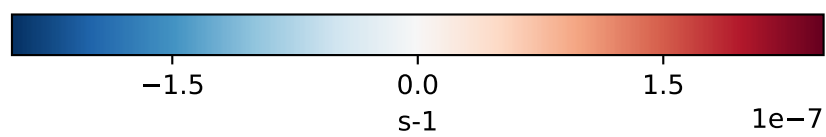
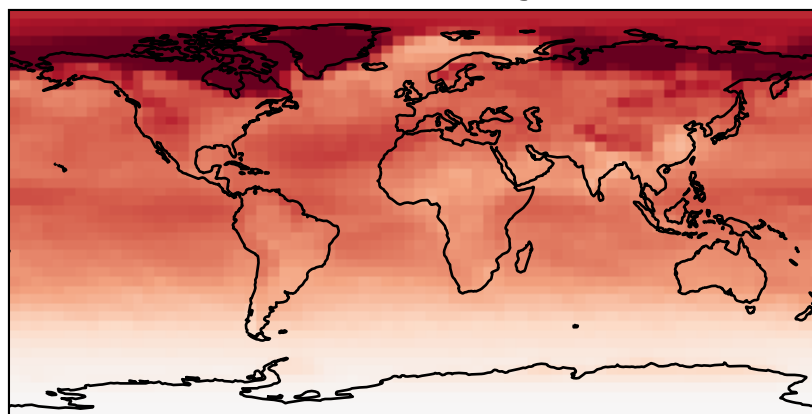
GCC\_13.0.0 (Dev)  
4.0x5.0



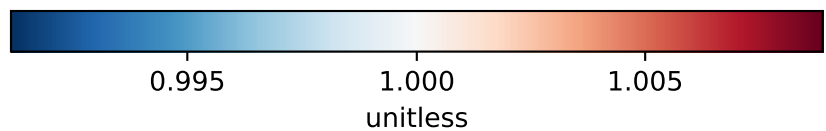
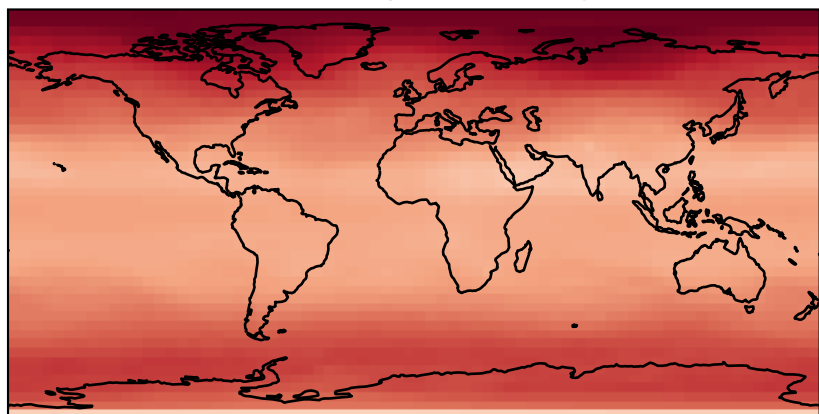
Difference  
Dev - Ref, Dynamic Range



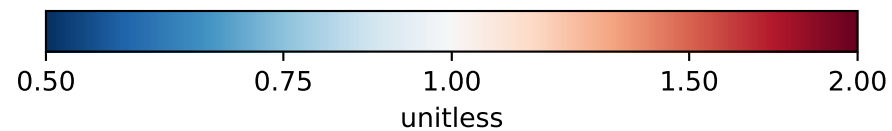
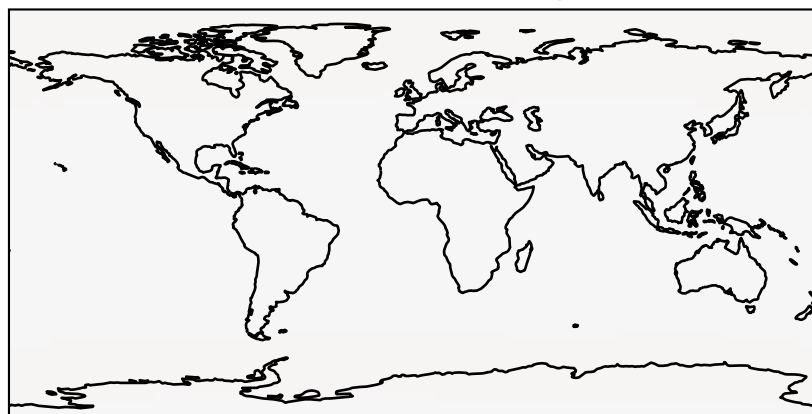
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

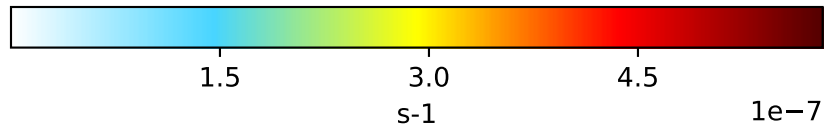
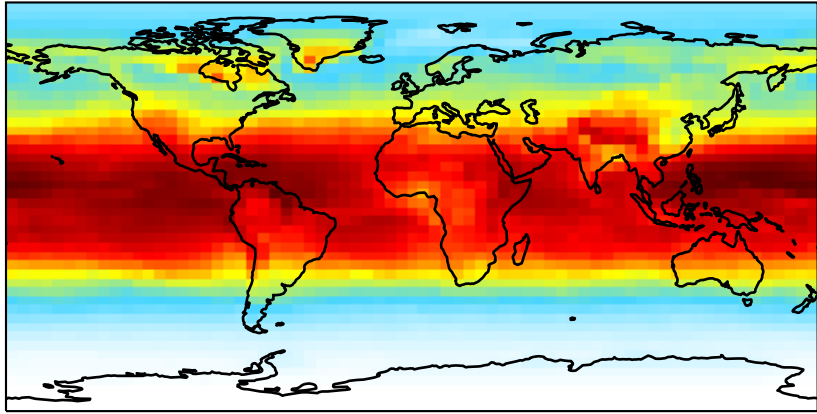


Ratio  
Dev/Ref, Fixed Range

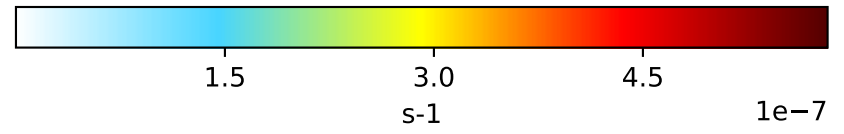
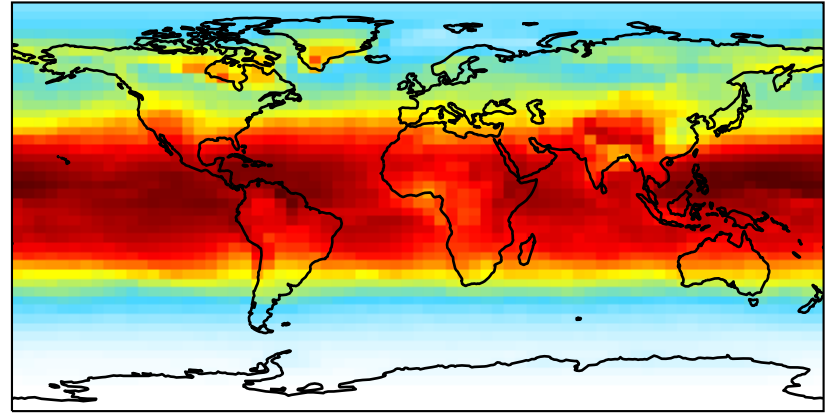


# Jval\_ETNO3 (Apr2019)

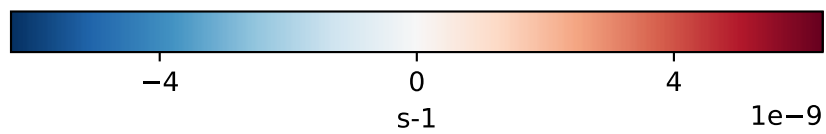
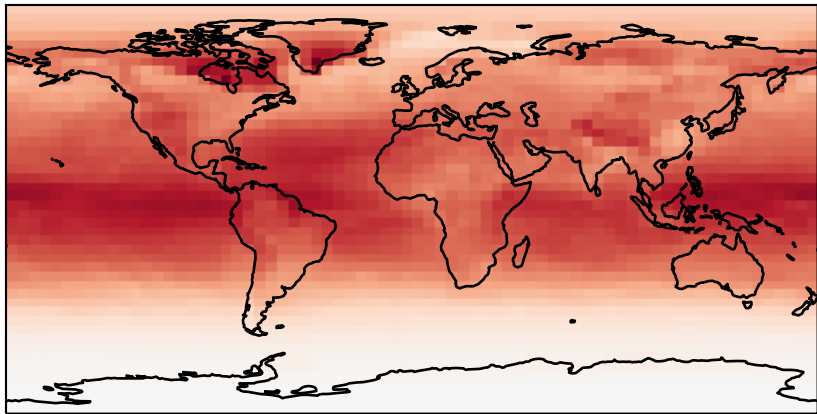
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



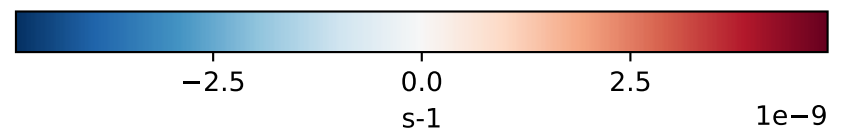
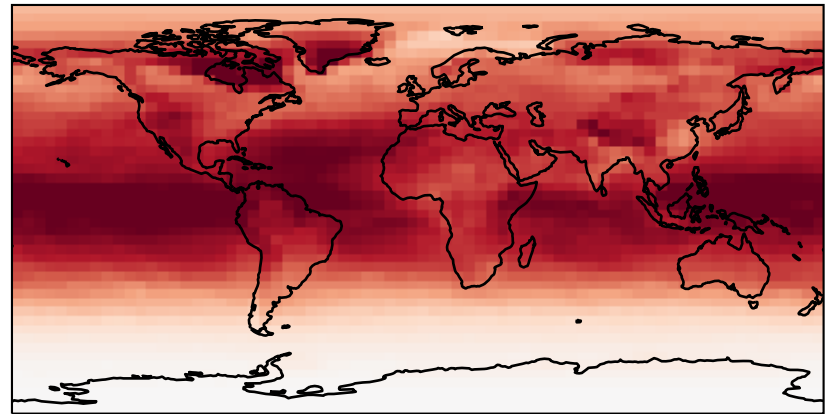
GCC\_13.0.0 (Dev)  
4.0x5.0



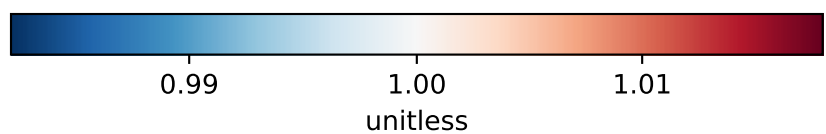
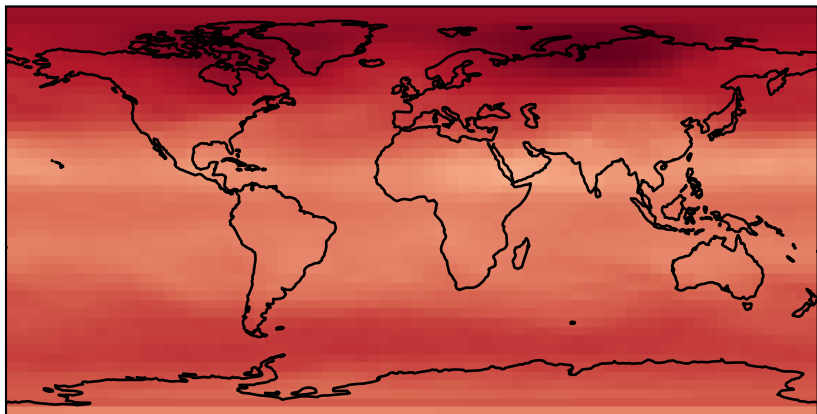
Difference  
Dev - Ref, Dynamic Range



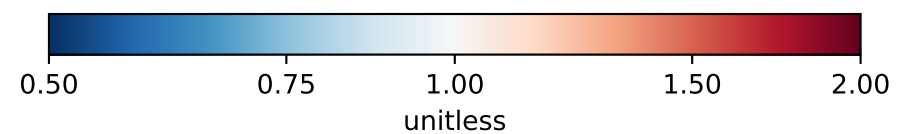
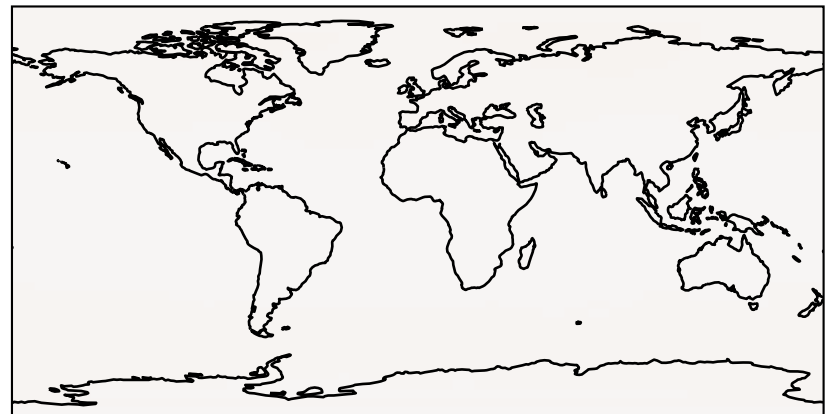
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

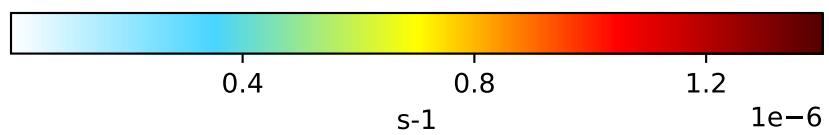
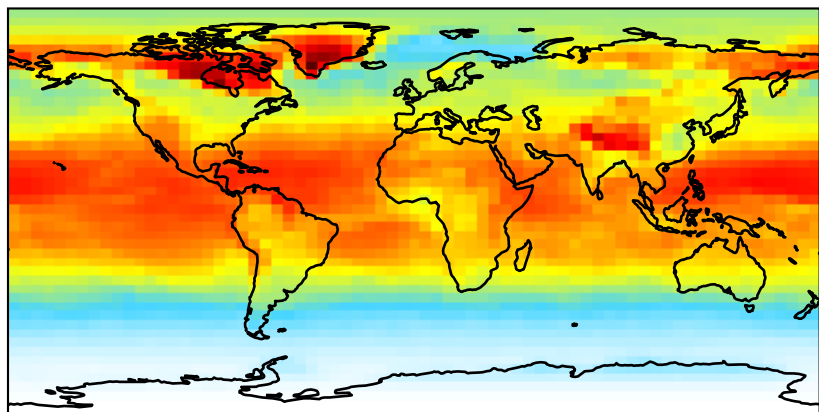


Ratio  
Dev/Ref, Fixed Range

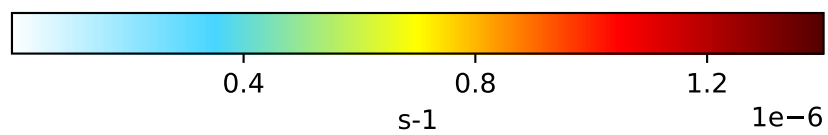
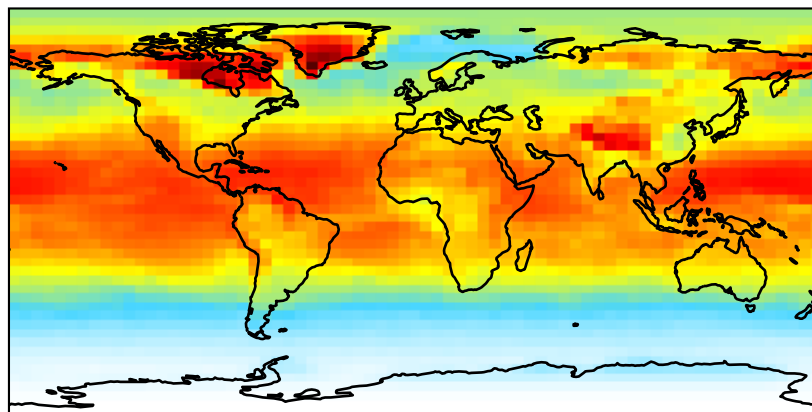


# Jval\_ETP (Apr2019)

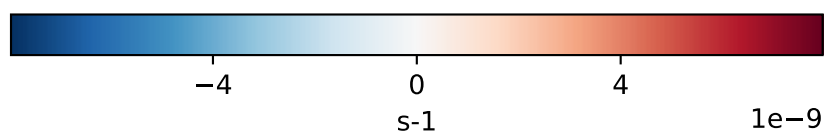
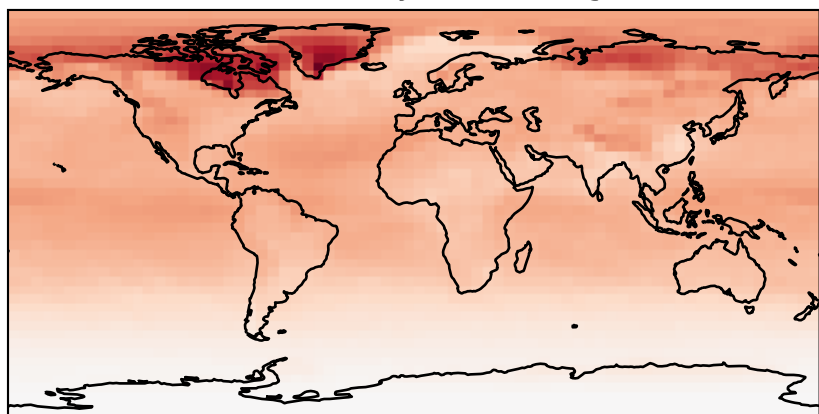
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



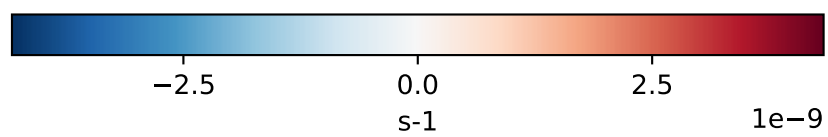
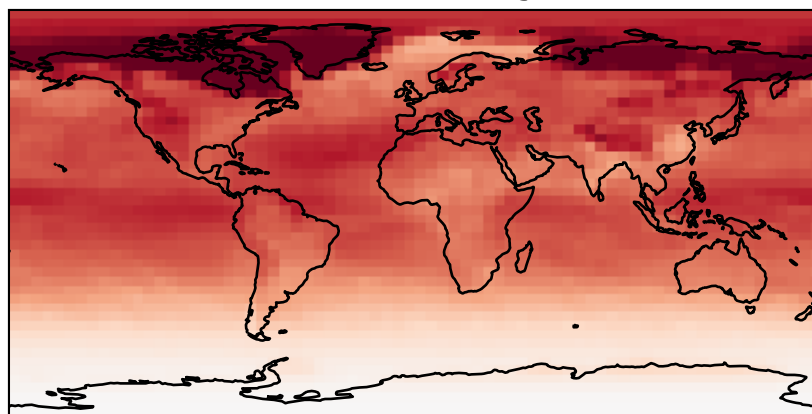
GCC\_13.0.0 (Dev)  
4.0x5.0



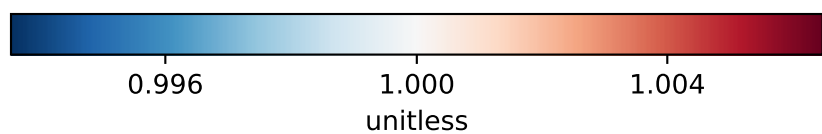
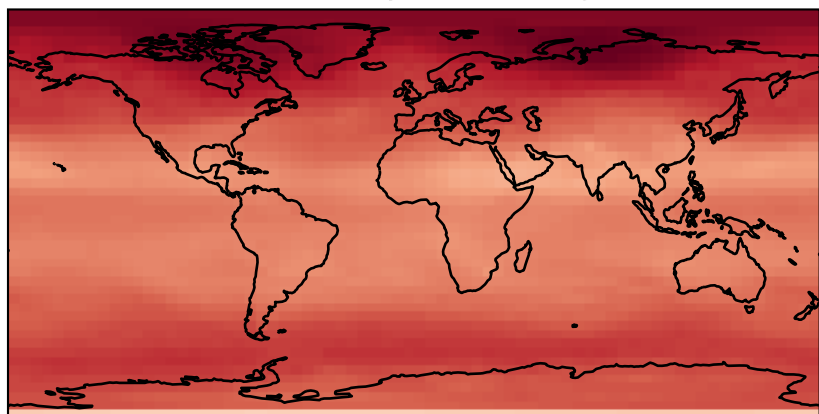
Difference  
Dev - Ref, Dynamic Range



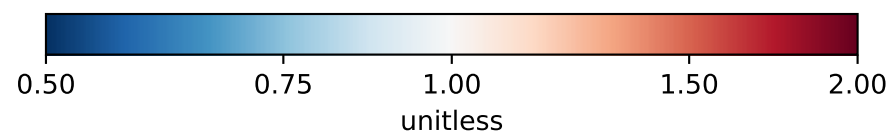
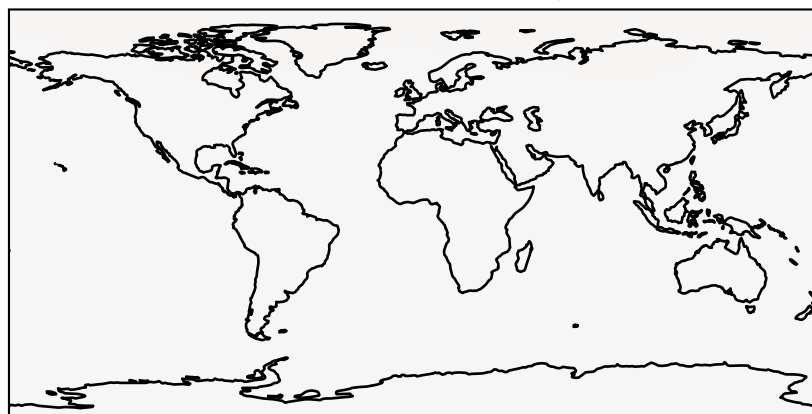
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



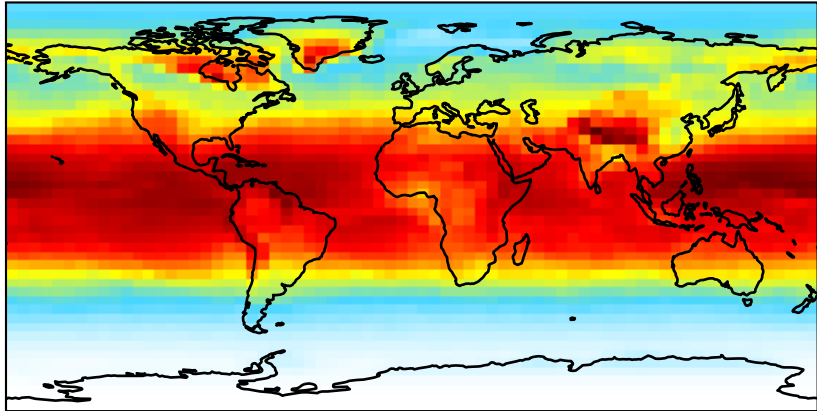
Ratio  
Dev/Ref, Fixed Range



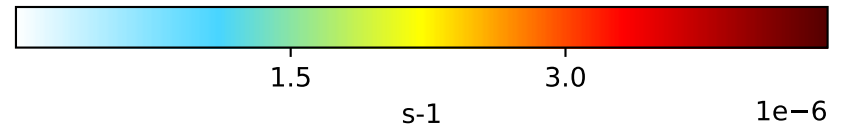
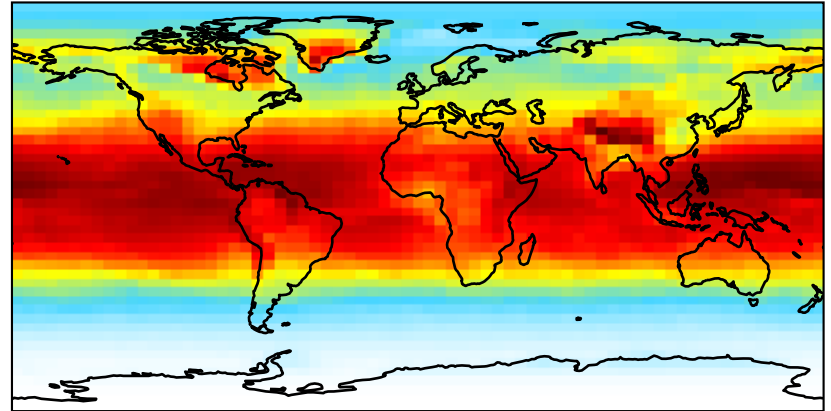


# Jval\_GLYC (Apr2019)

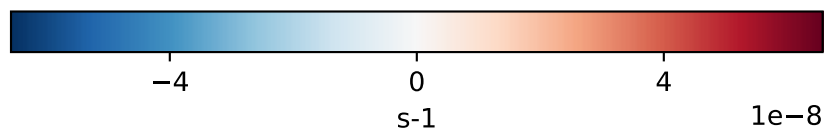
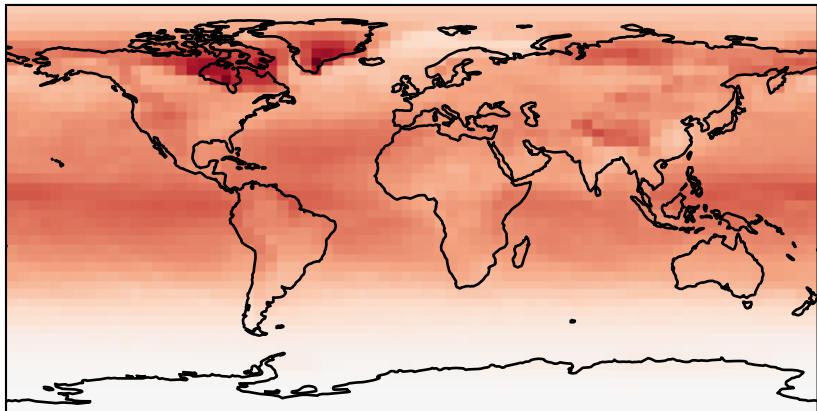
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



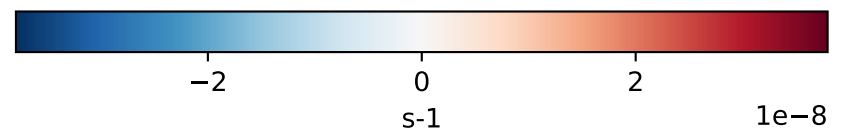
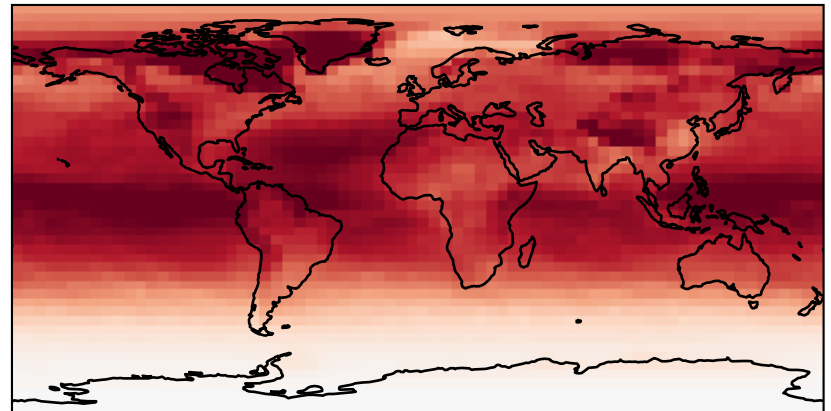
GCC\_13.0.0 (Dev)  
4.0x5.0



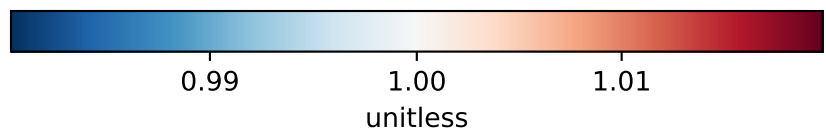
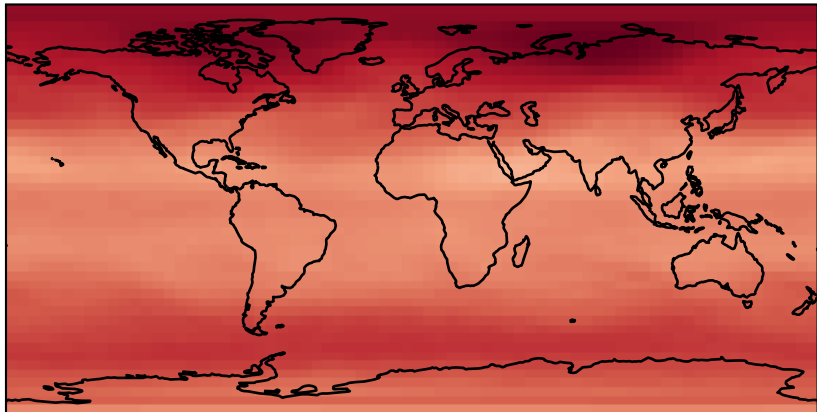
Difference  
Dev - Ref, Dynamic Range



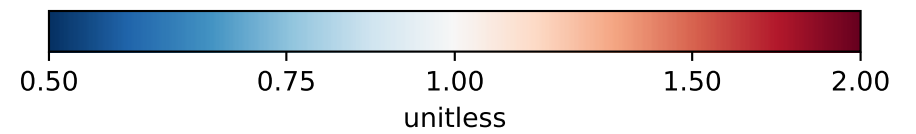
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

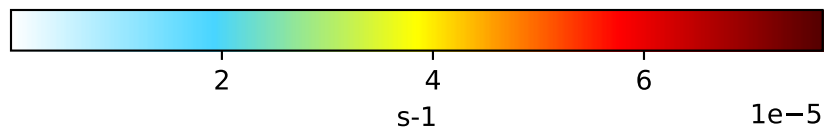
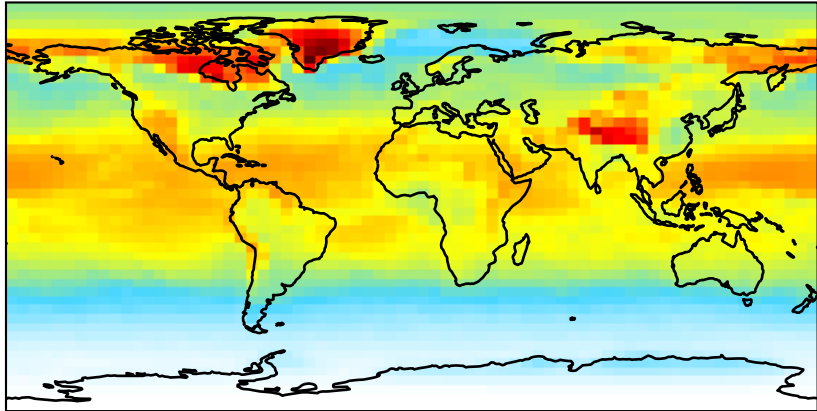


Ratio  
Dev/Ref, Fixed Range

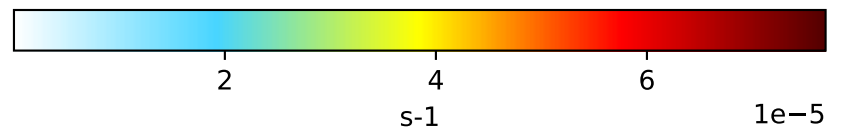
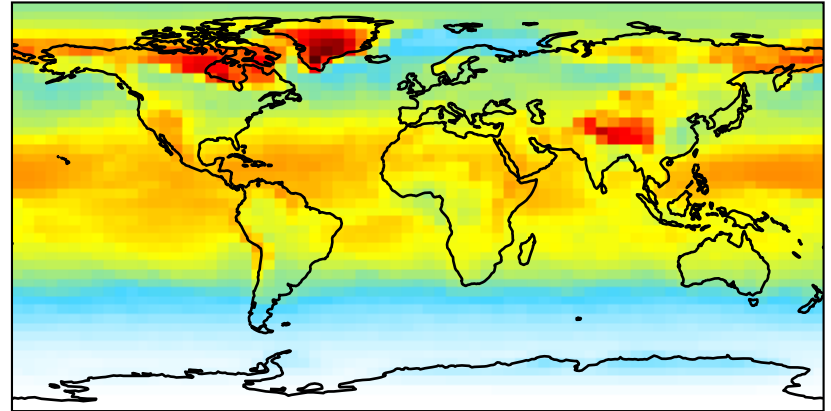


# Jval\_GLYX (Apr2019)

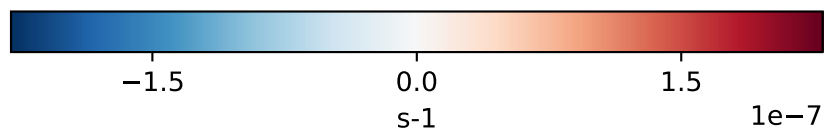
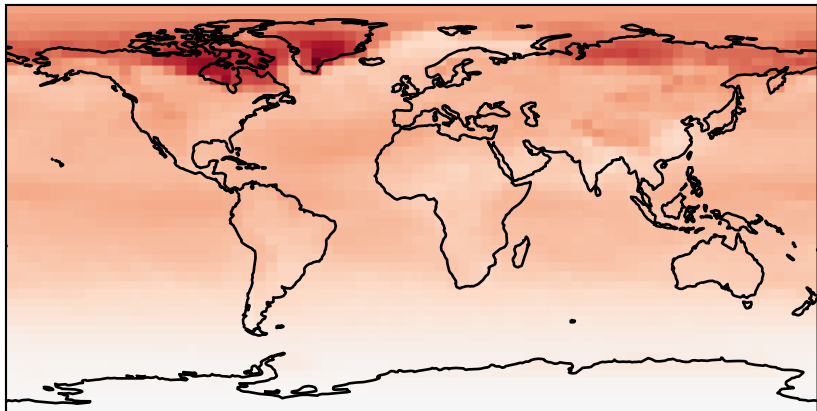
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



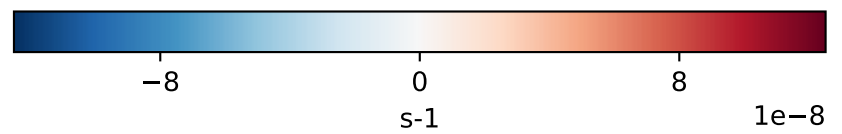
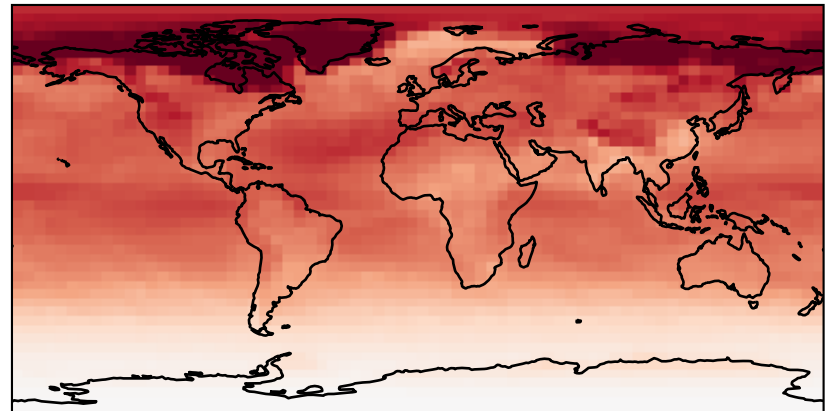
GCC\_13.0.0 (Dev)  
4.0x5.0



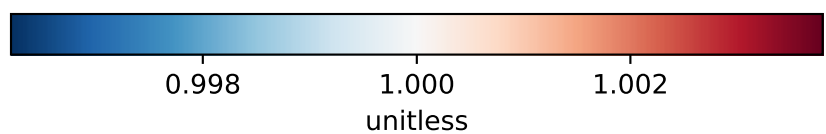
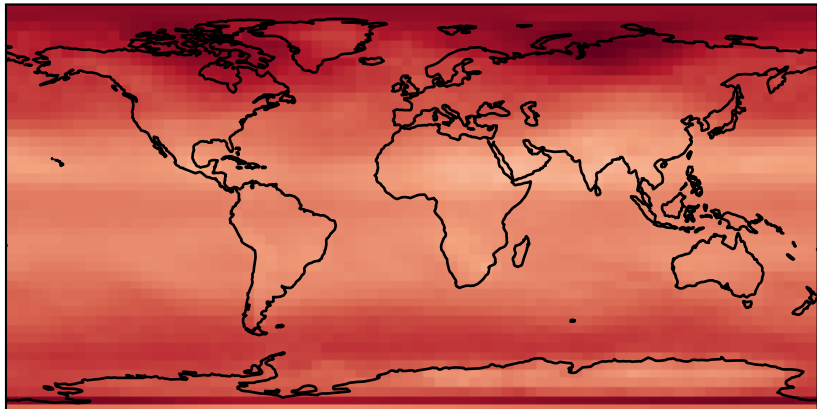
Difference  
Dev - Ref, Dynamic Range



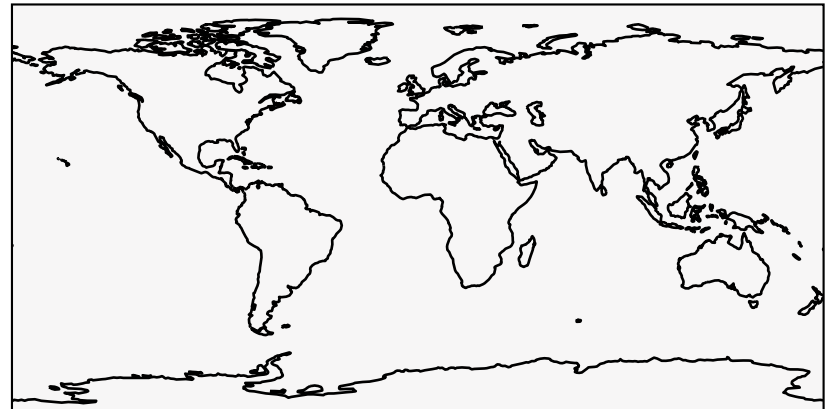
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

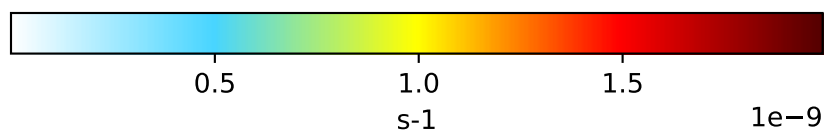
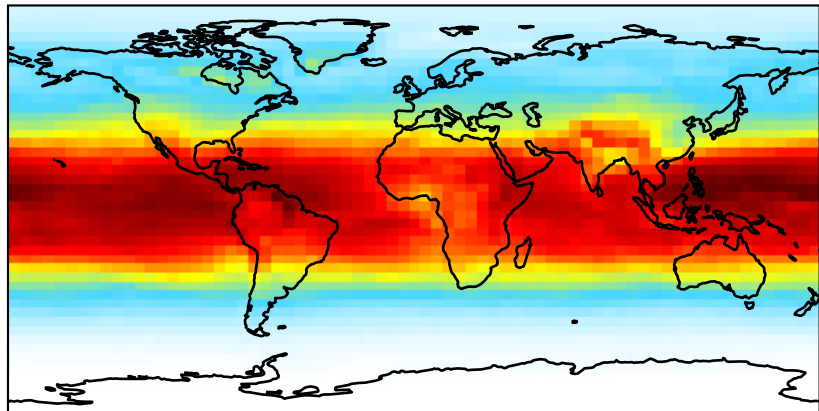


Ratio  
Dev/Ref, Fixed Range

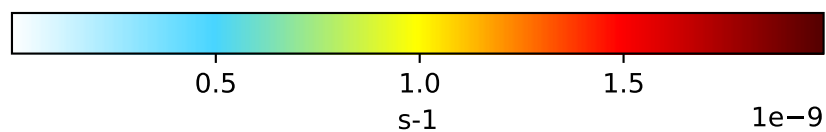
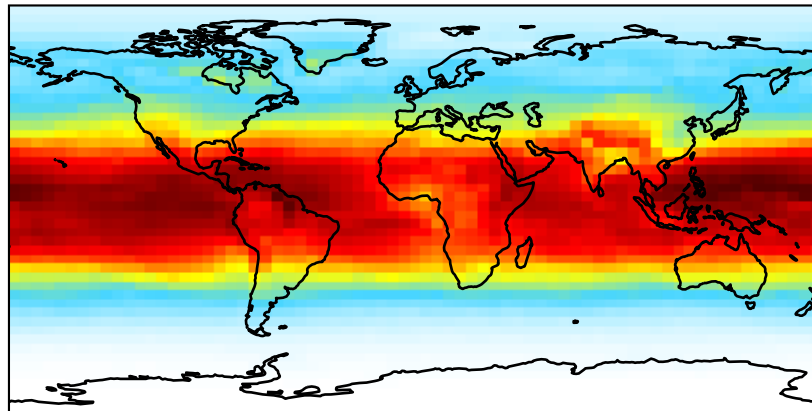


# Jval\_H1211 (Apr2019)

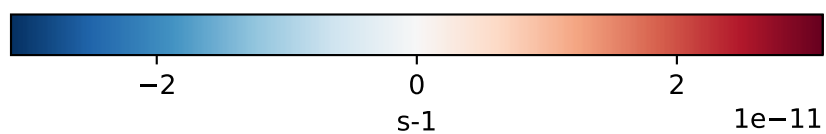
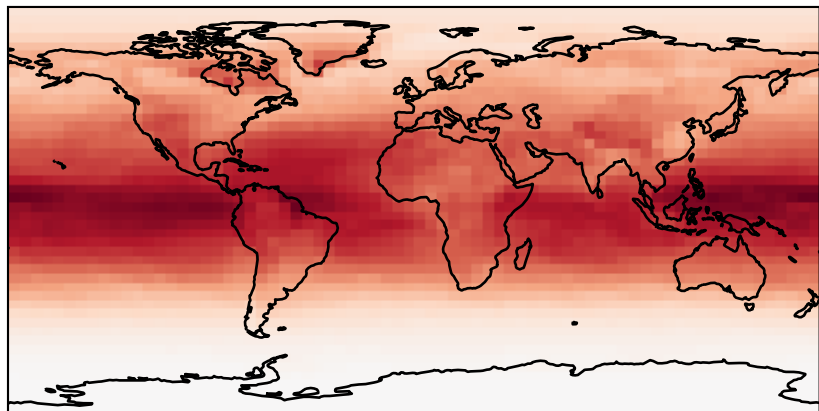
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



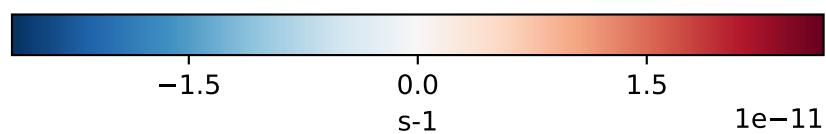
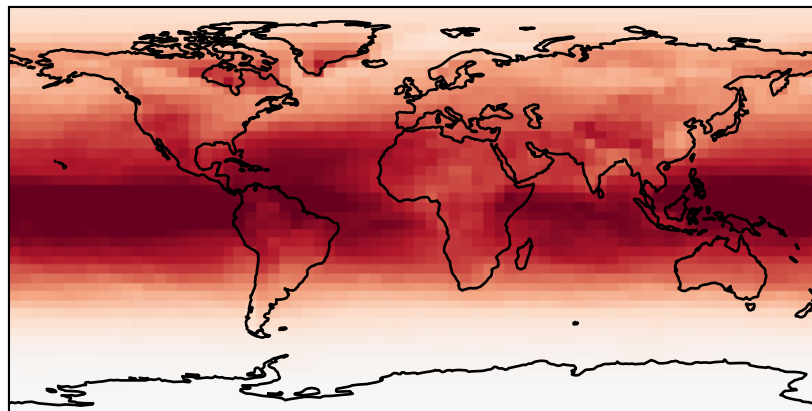
GCC\_13.0.0 (Dev)  
4.0x5.0



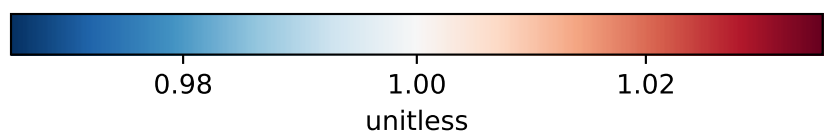
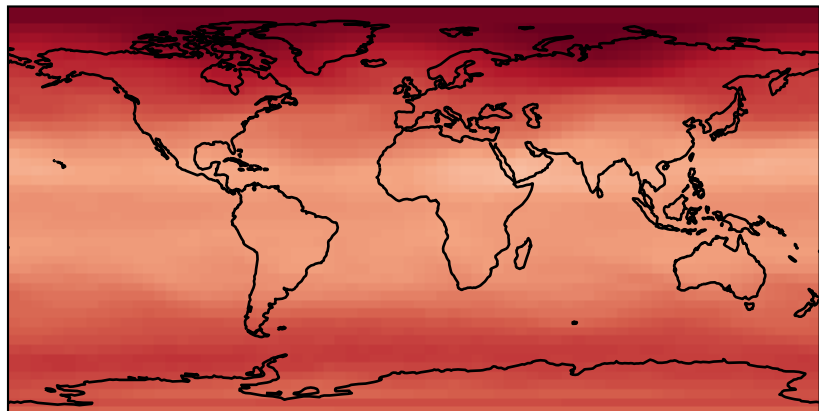
Difference  
Dev - Ref, Dynamic Range



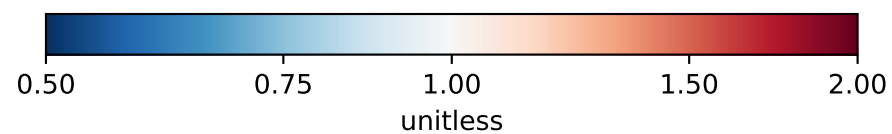
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

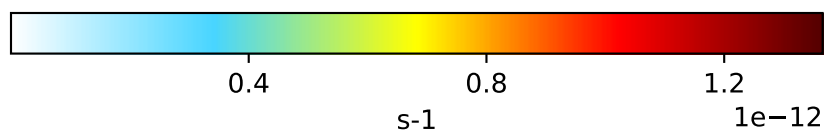
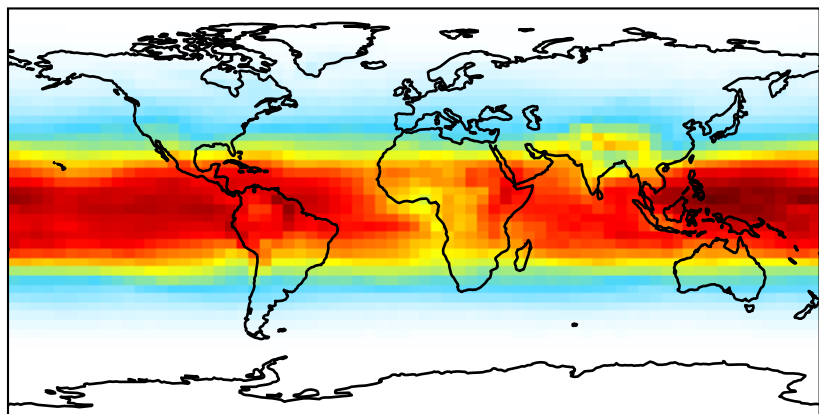


Ratio  
Dev/Ref, Fixed Range

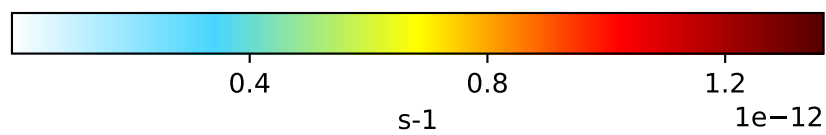
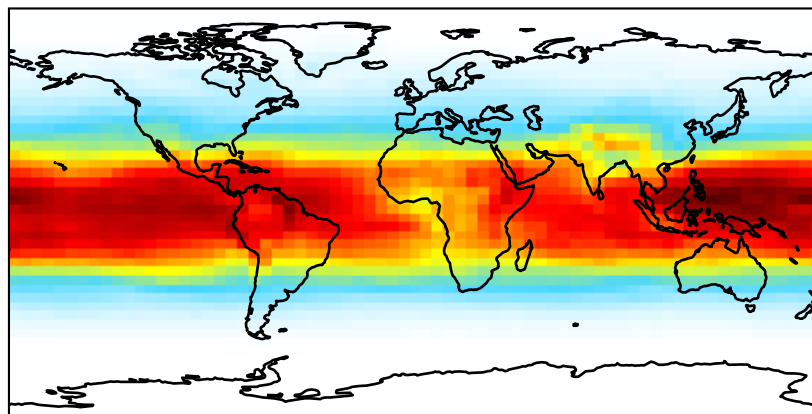


# Jval\_H1301 (Apr2019)

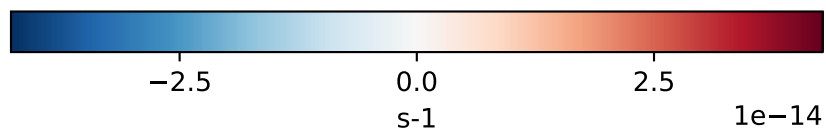
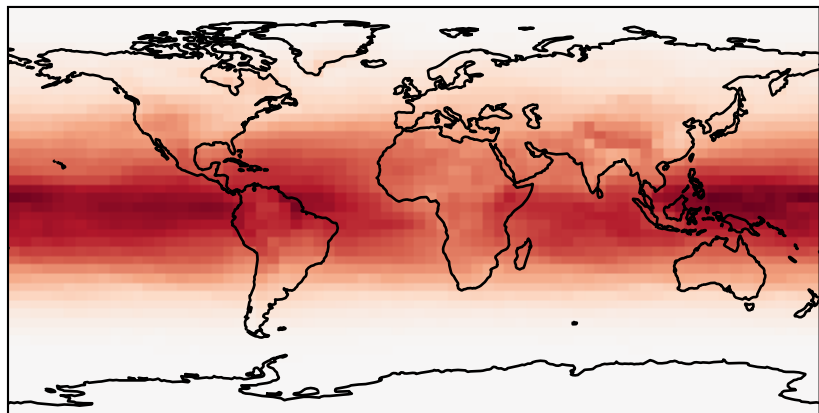
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



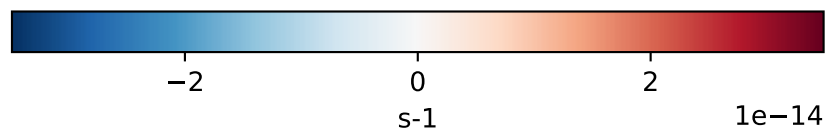
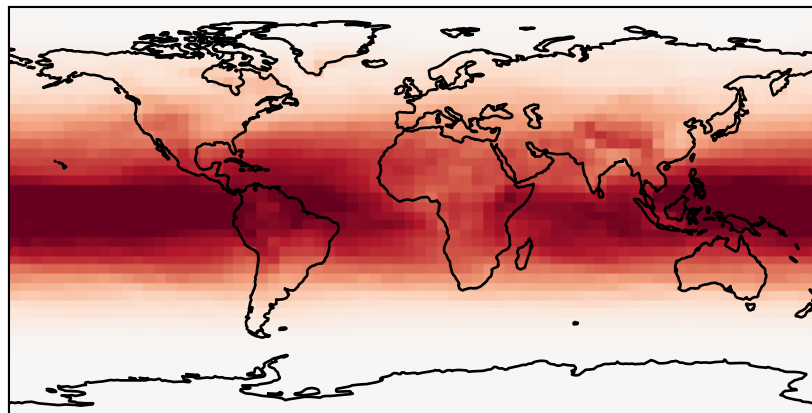
GCC\_13.0.0 (Dev)  
4.0x5.0



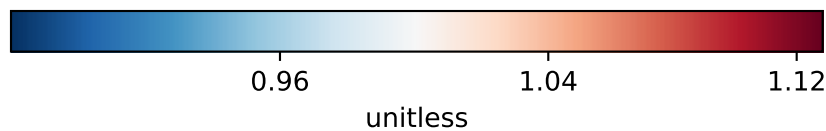
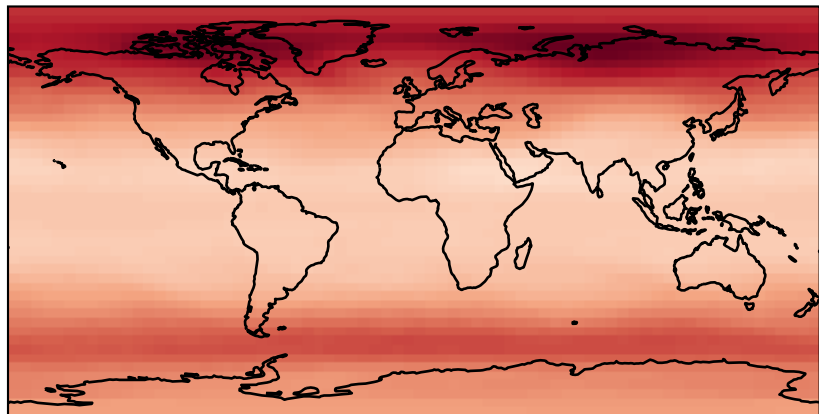
Difference  
Dev - Ref, Dynamic Range



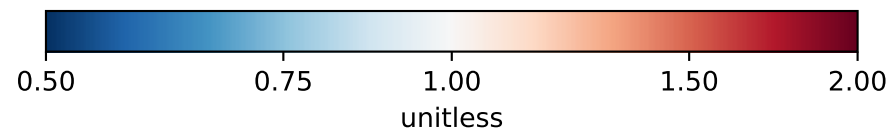
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

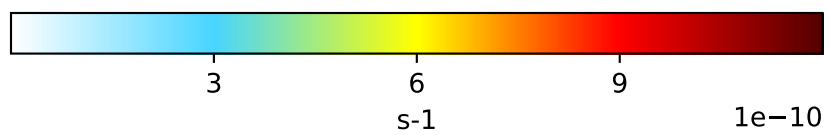
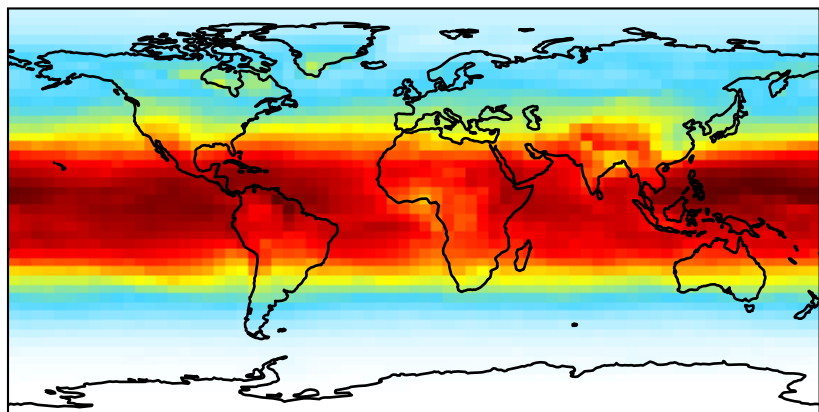


Ratio  
Dev/Ref, Fixed Range

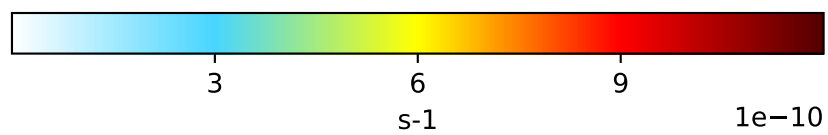
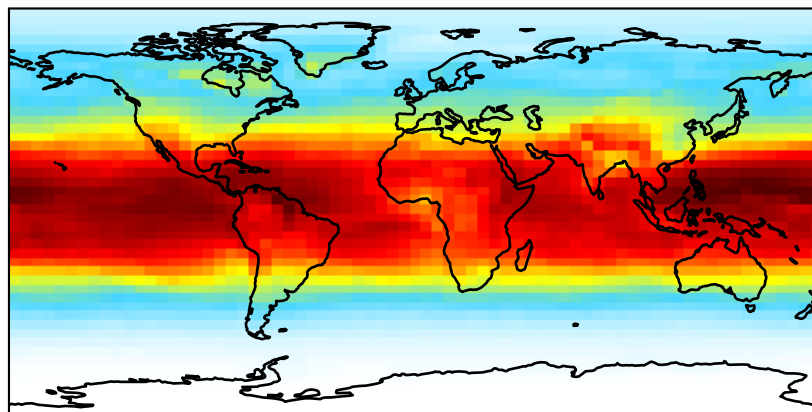


# Jval\_H2402 (Apr2019)

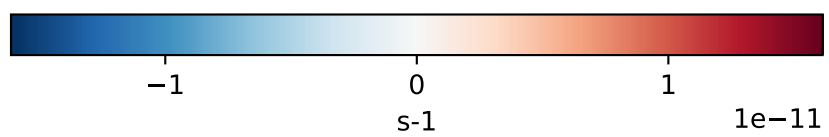
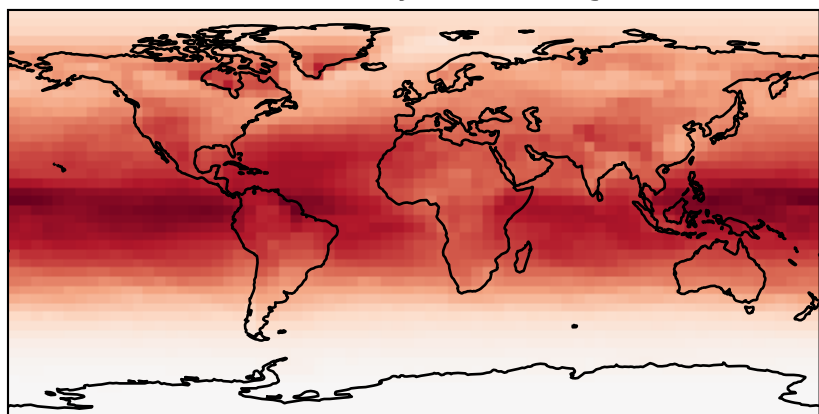
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



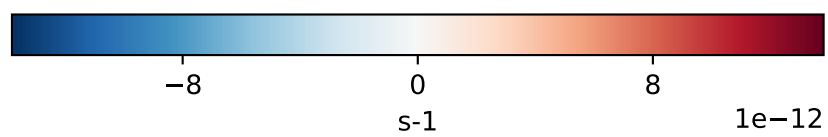
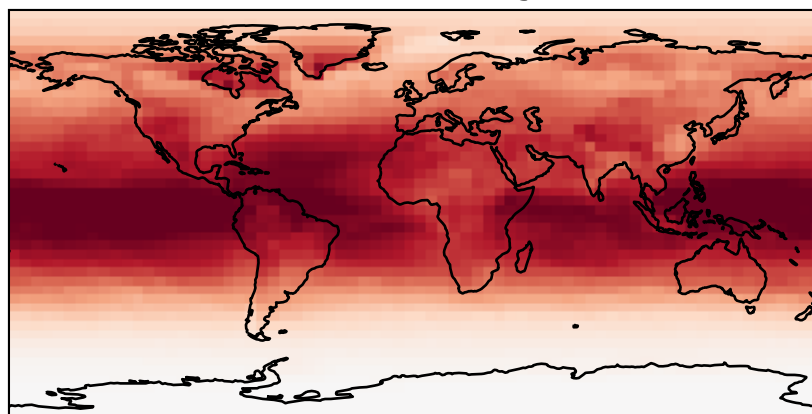
GCC\_13.0.0 (Dev)  
4.0x5.0



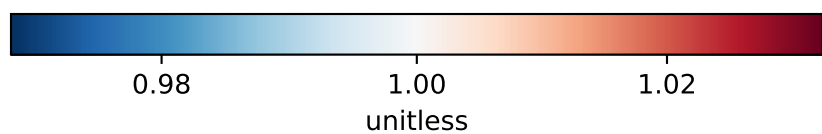
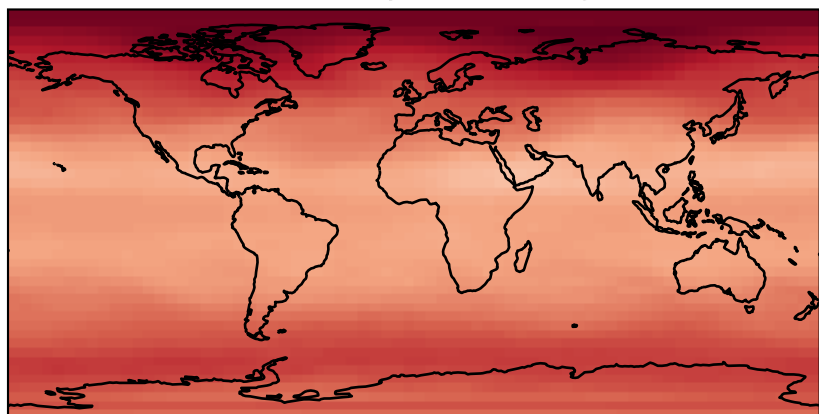
Difference  
Dev - Ref, Dynamic Range



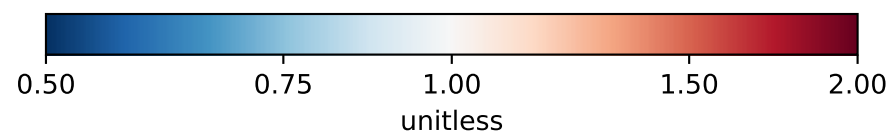
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



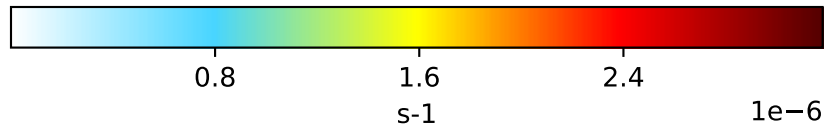
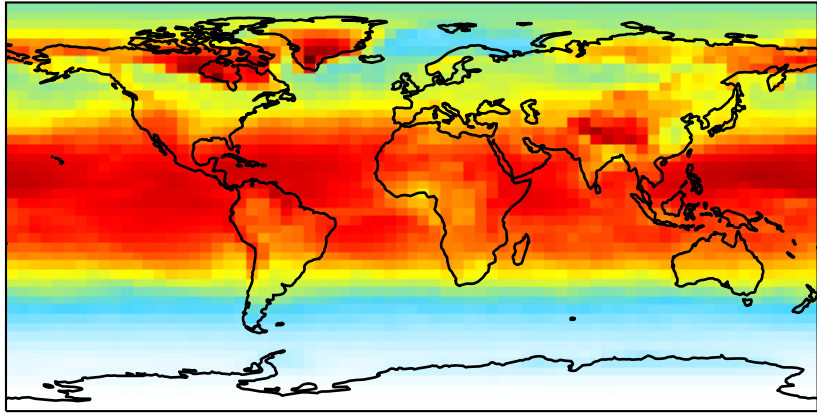
Ratio  
Dev/Ref, Fixed Range



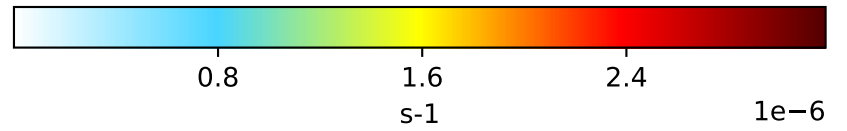
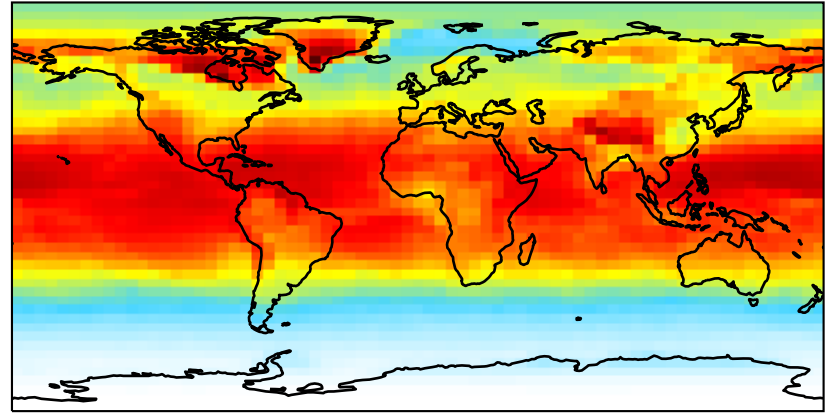


# Jval\_H2O2 (Apr2019)

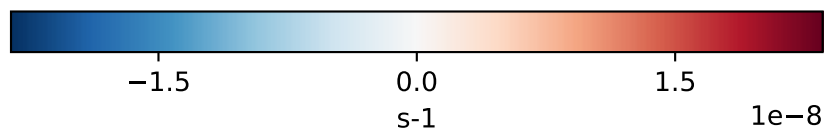
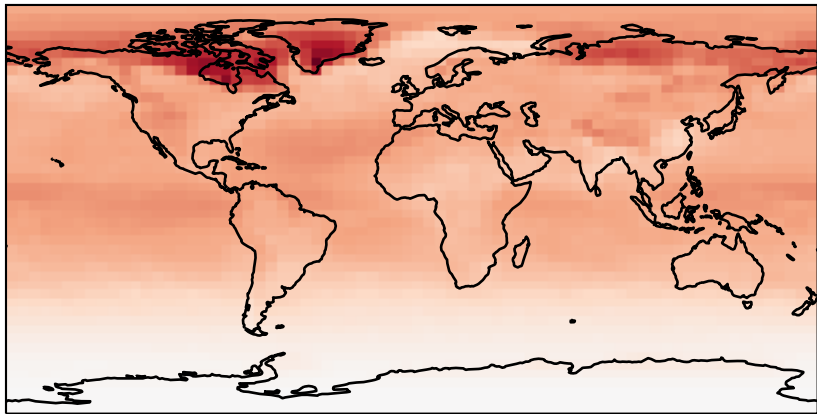
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



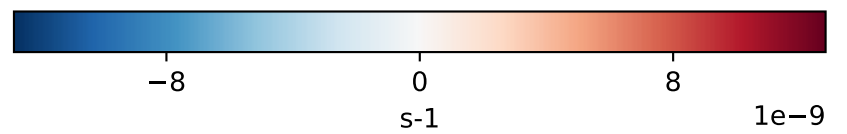
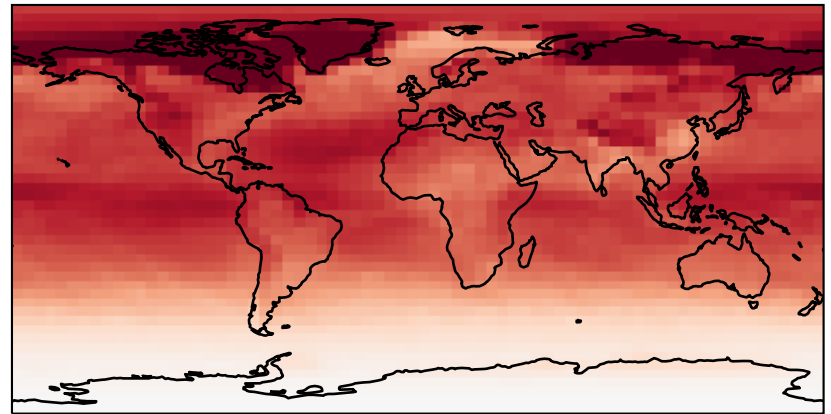
GCC\_13.0.0 (Dev)  
4.0x5.0



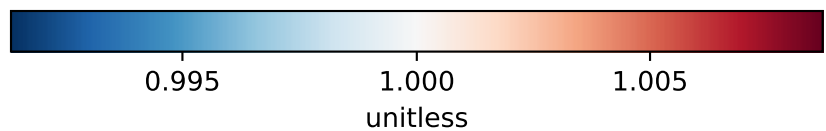
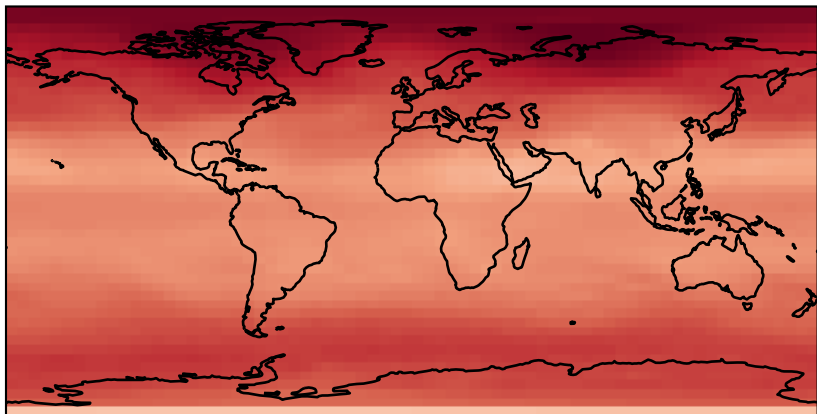
Difference  
Dev - Ref, Dynamic Range



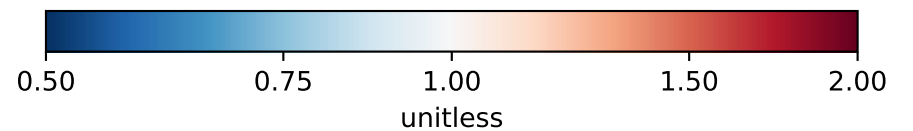
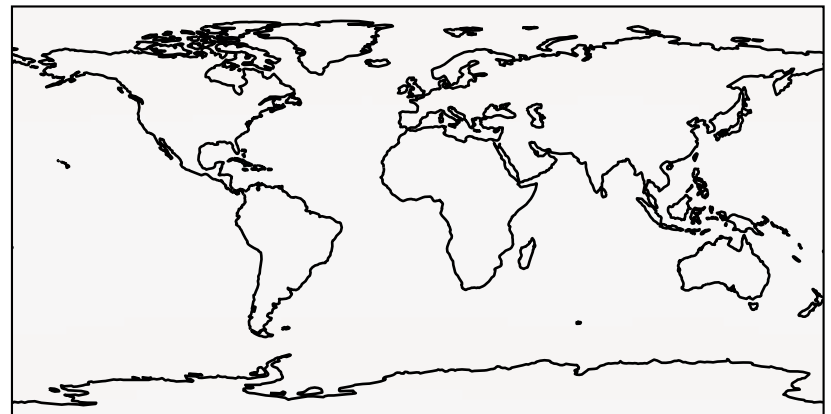
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

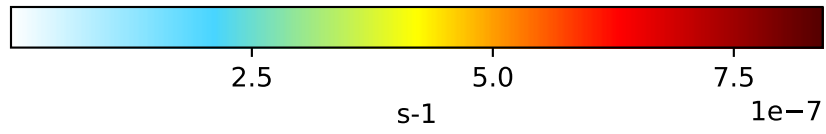
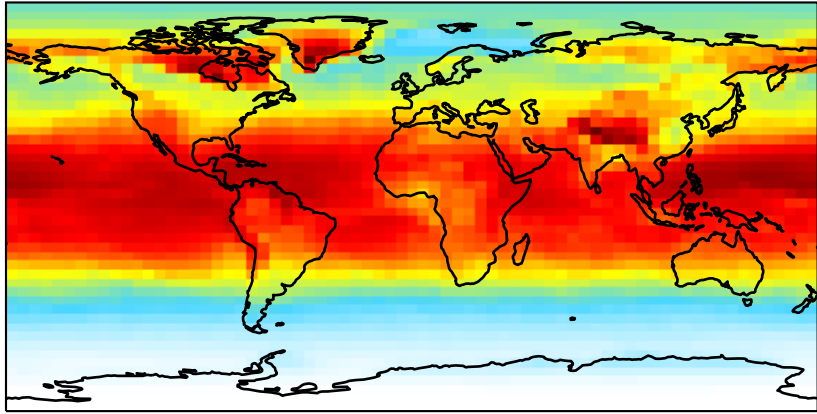


Ratio  
Dev/Ref, Fixed Range

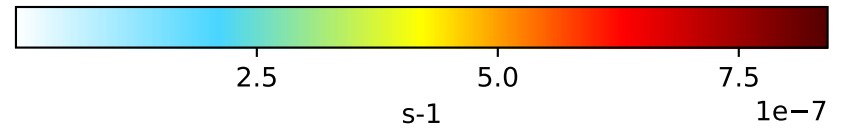
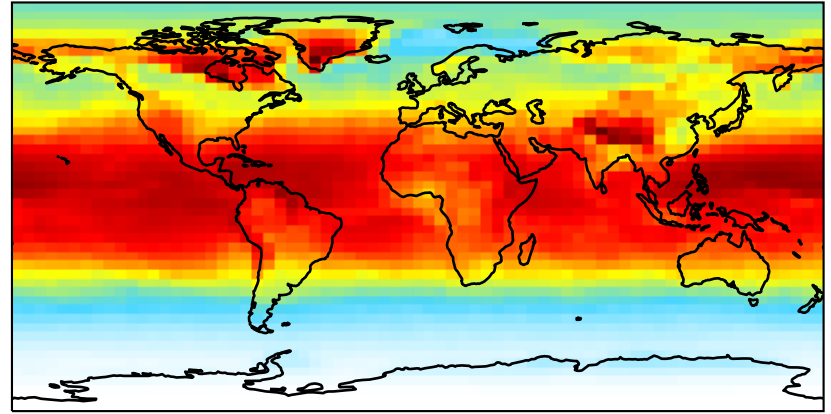


# Jval\_HAC (Apr2019)

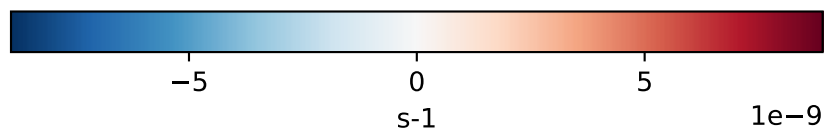
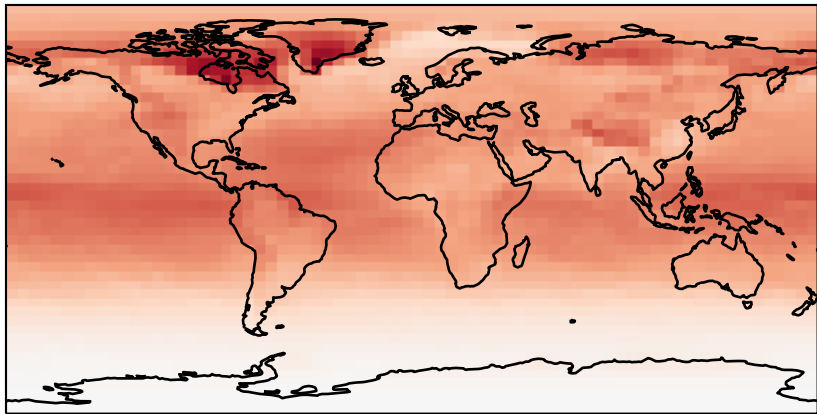
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



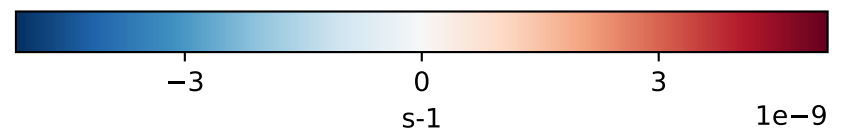
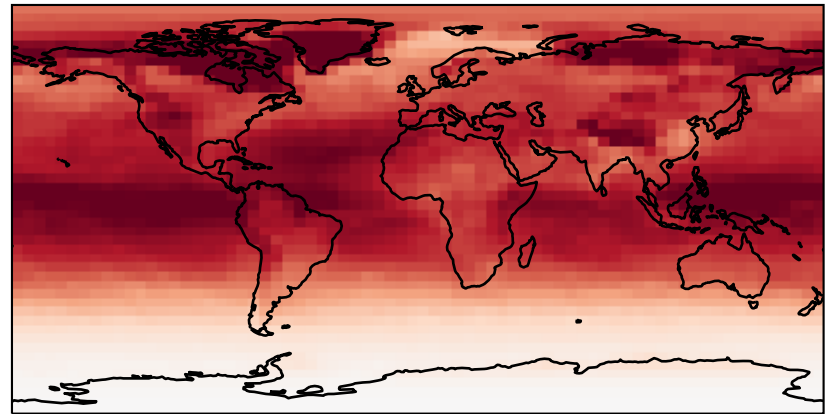
GCC\_13.0.0 (Dev)  
4.0x5.0



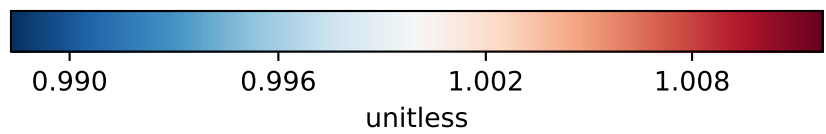
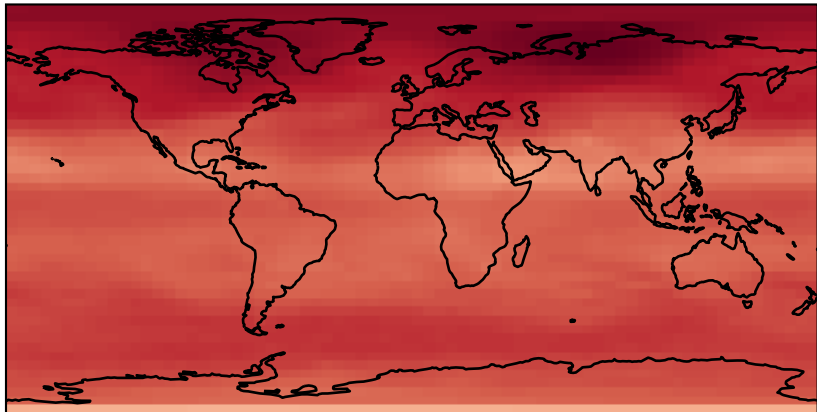
Difference  
Dev - Ref, Dynamic Range



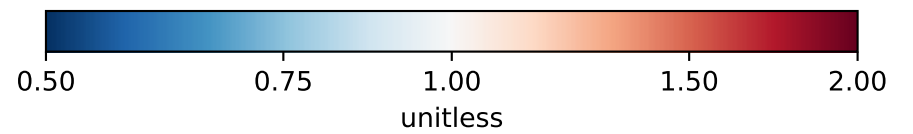
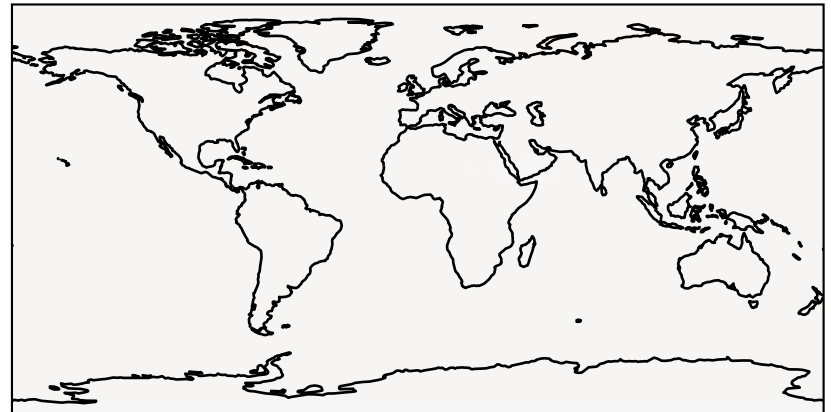
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



Ratio  
Dev/Ref, Fixed Range



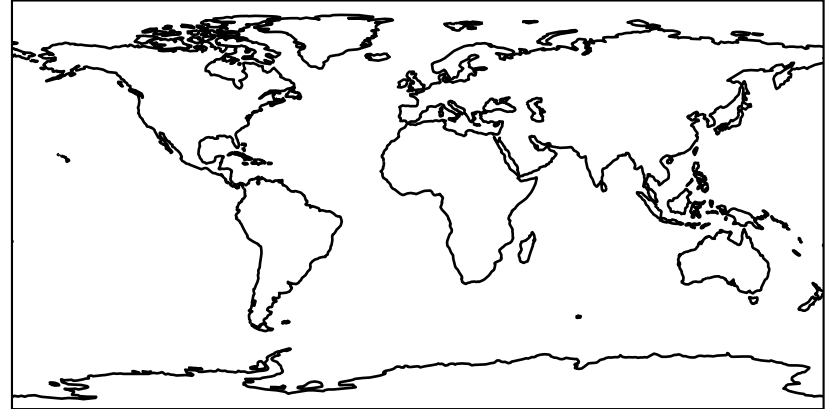
# Jval\_HC5A (Apr2019)

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



Zero throughput domain  
s-1

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



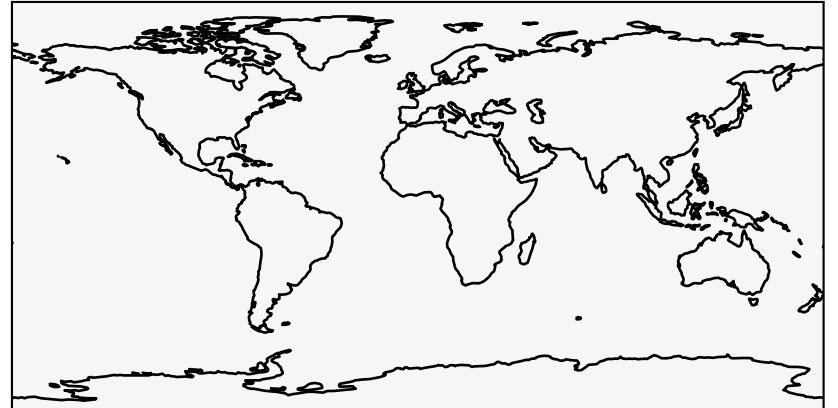
Zero throughput domain  
s-1

Difference  
Dev - Ref, Dynamic Range



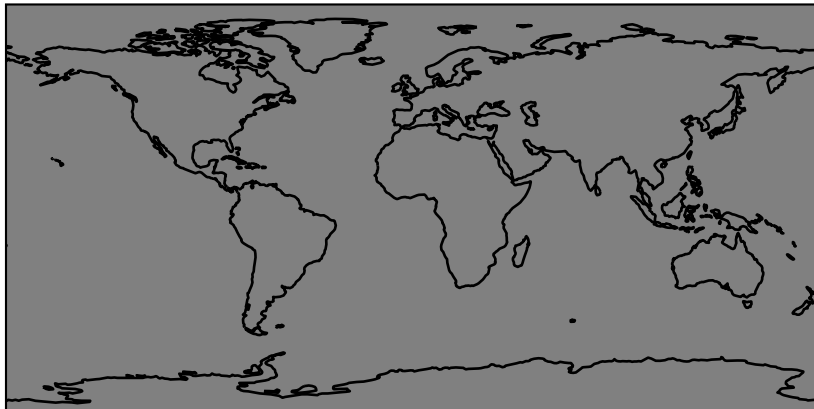
Zero throughput domain  
s-1

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



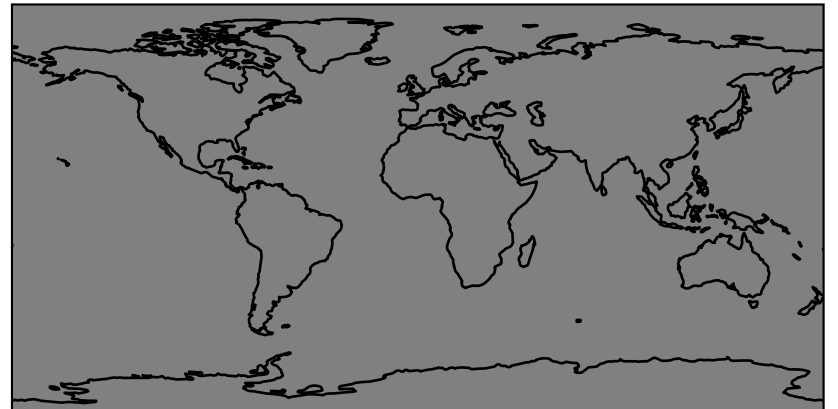
Zero throughput domain  
s-1

Ratio  
Dev/Ref, Dynamic Range



Undefined throughput domain  
unitless

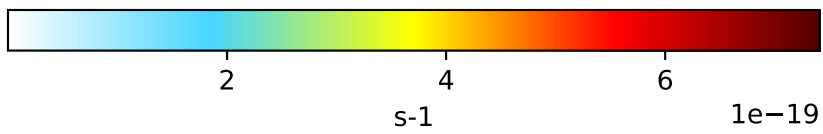
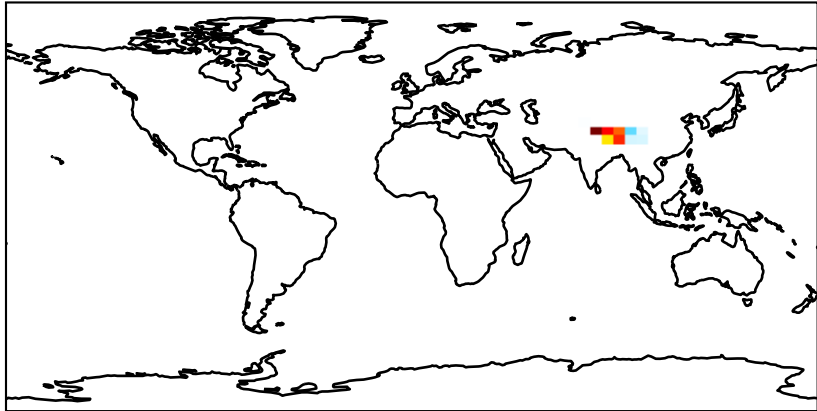
Ratio  
Dev/Ref, Fixed Range



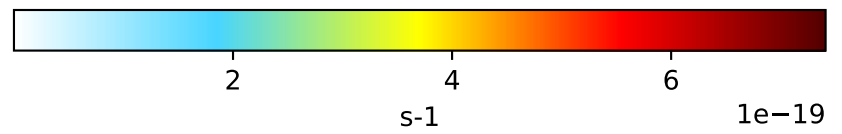
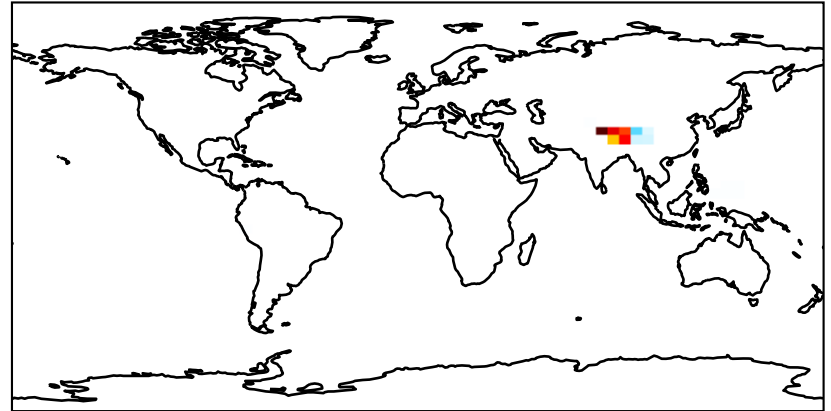
Undefined throughput domain  
unitless

# Jval\_HCFC123 (Apr2019)

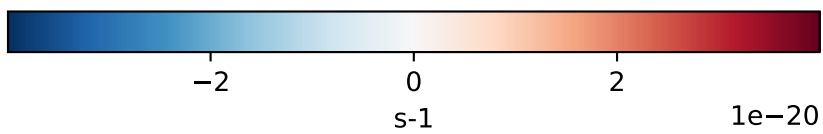
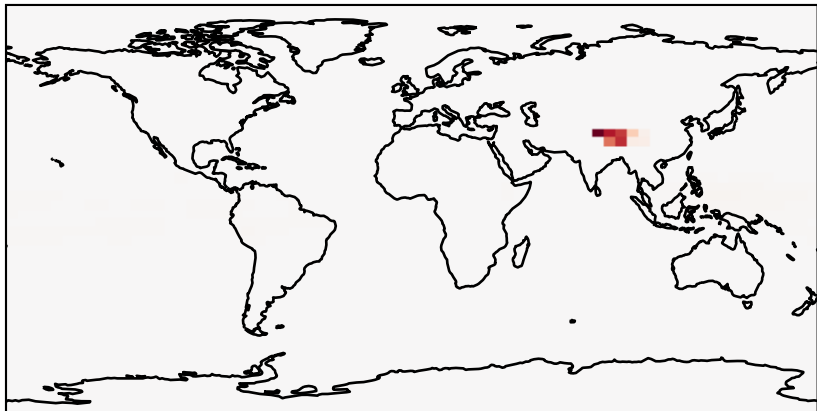
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



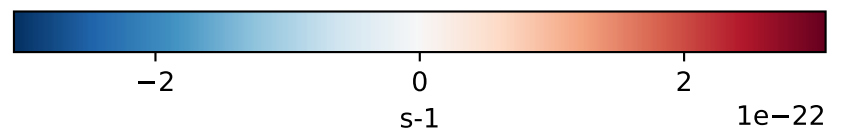
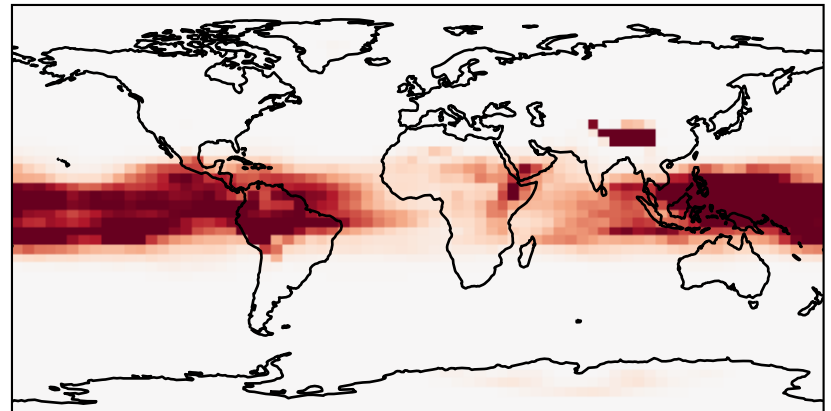
GCC\_13.0.0 (Dev)  
4.0x5.0



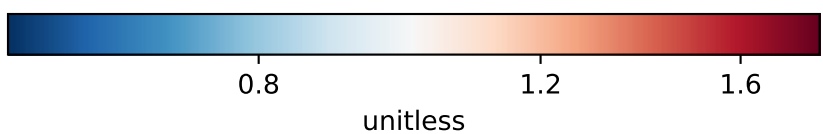
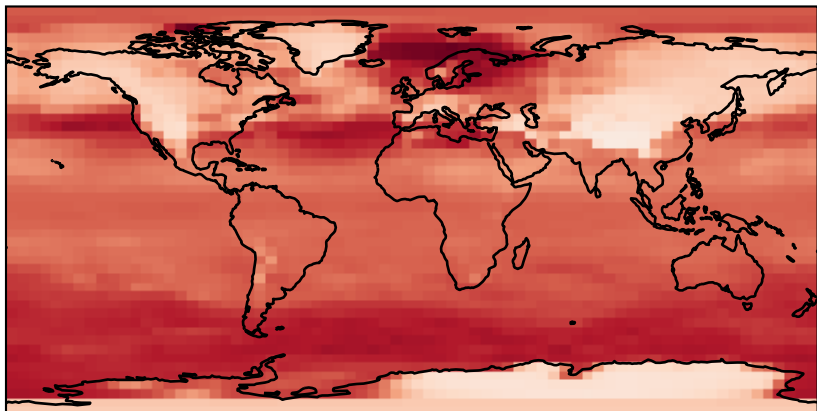
Difference  
Dev - Ref, Dynamic Range



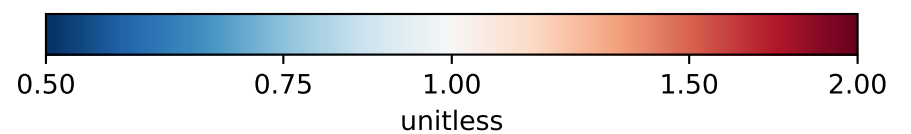
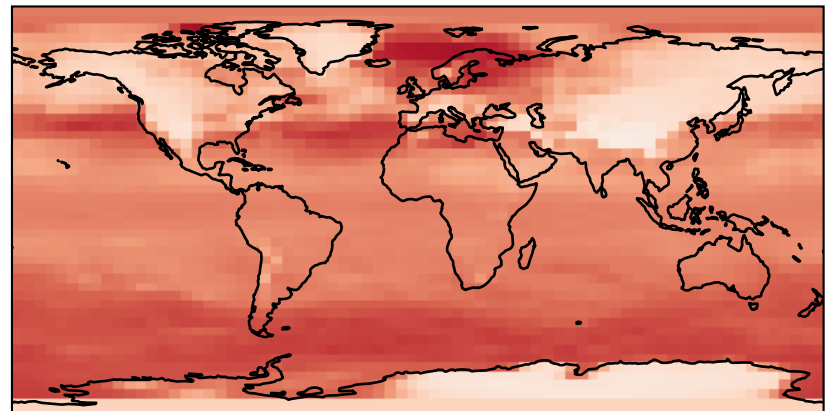
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

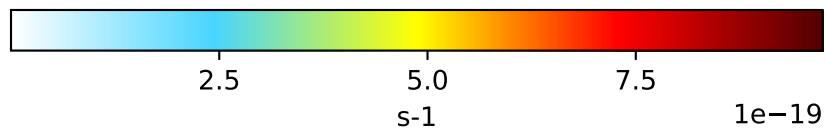
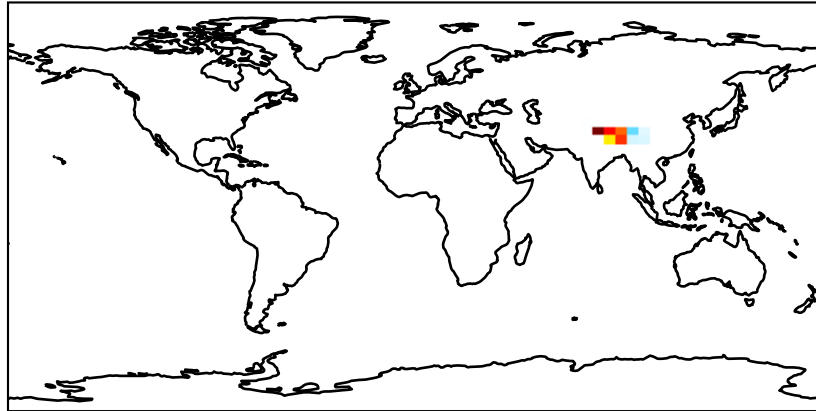


Ratio  
Dev/Ref, Fixed Range

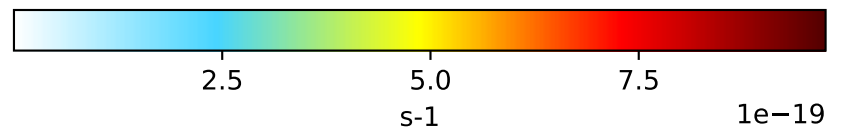
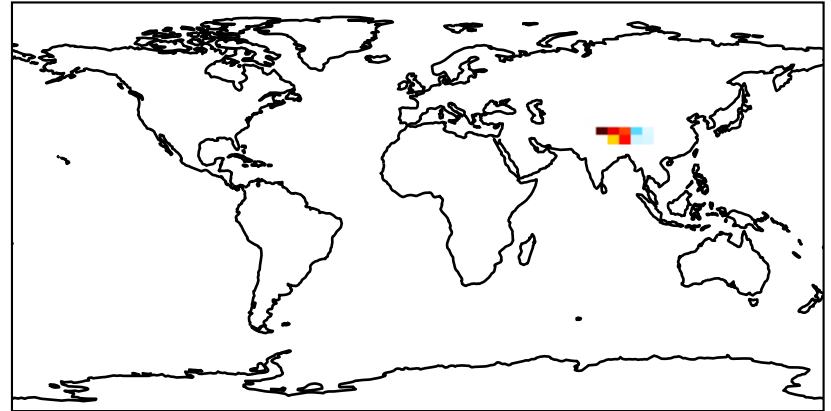


# Jval\_HCFC141b (Apr2019)

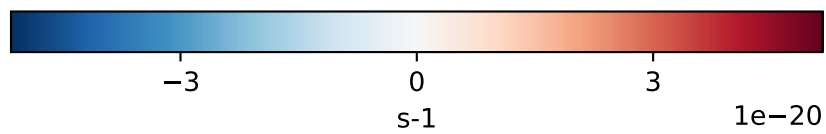
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



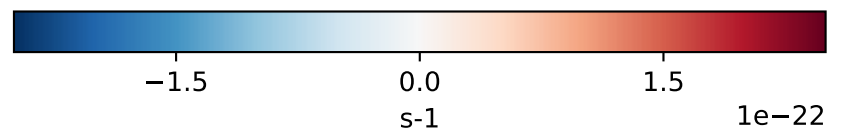
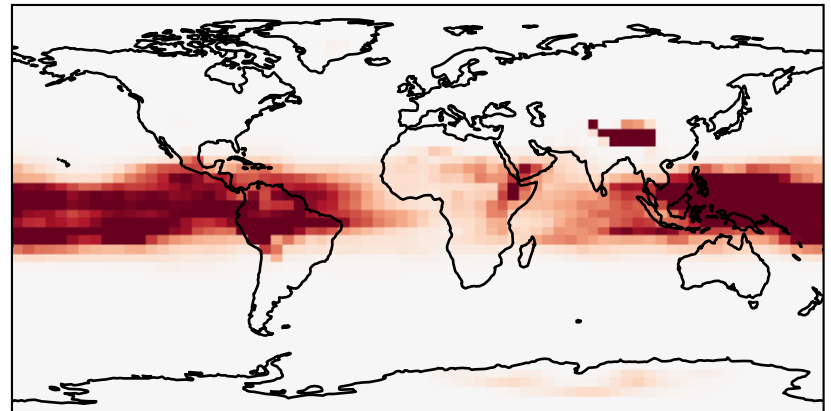
GCC\_13.0.0 (Dev)  
4.0x5.0



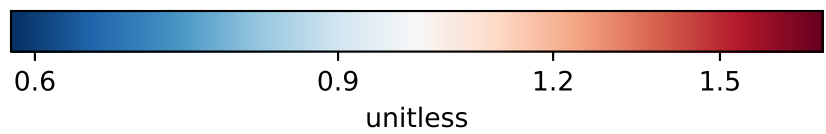
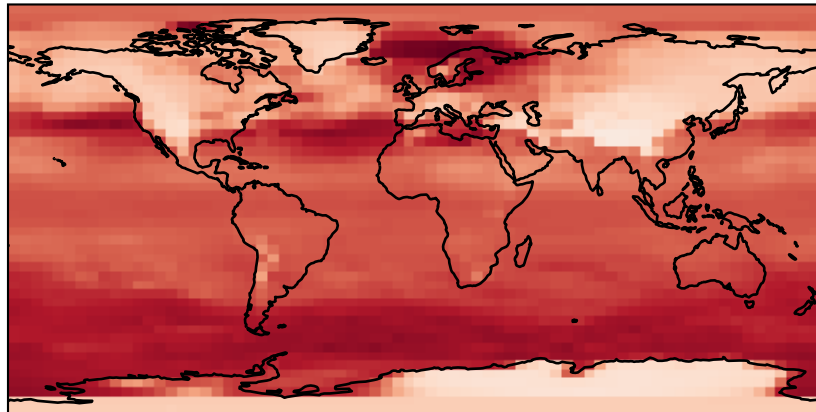
Difference  
Dev - Ref, Dynamic Range



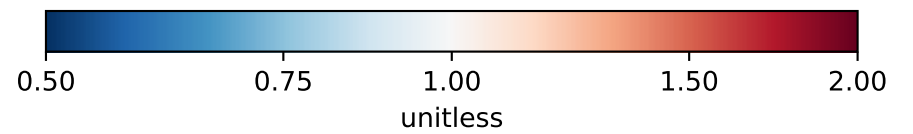
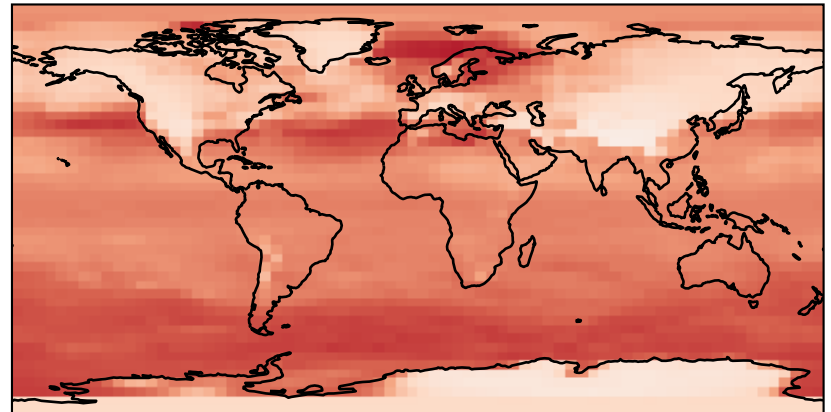
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



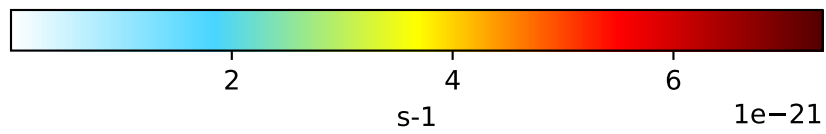
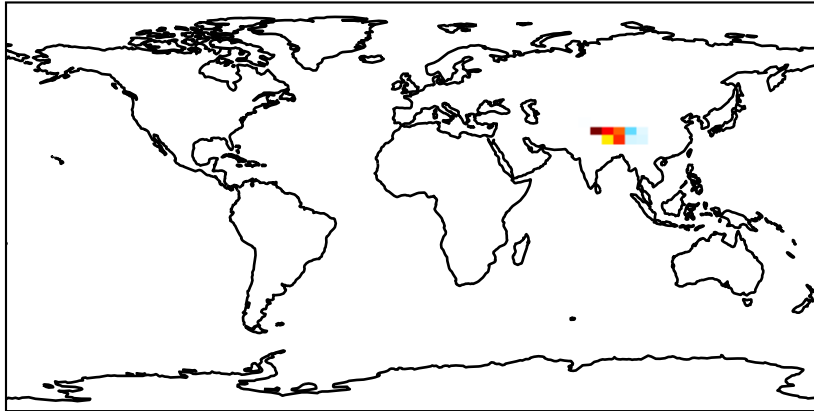
Ratio  
Dev/Ref, Fixed Range



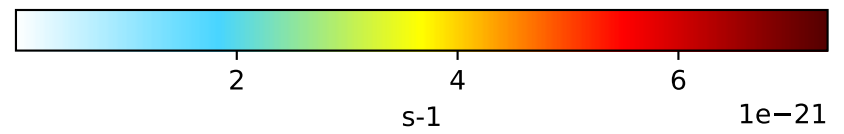
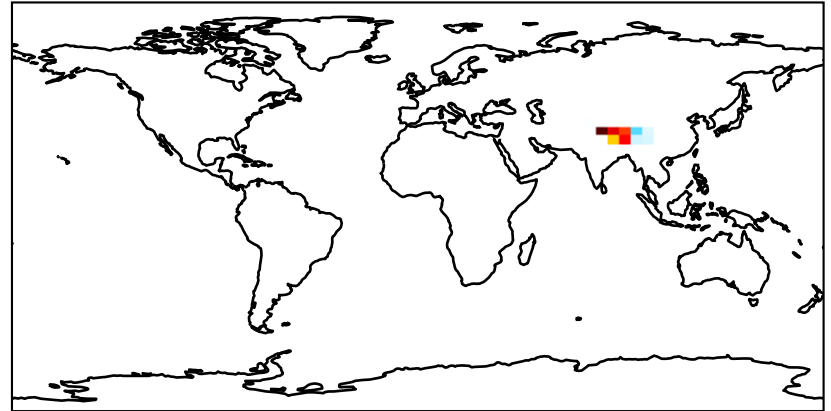


# Jval\_HCFC142b (Apr2019)

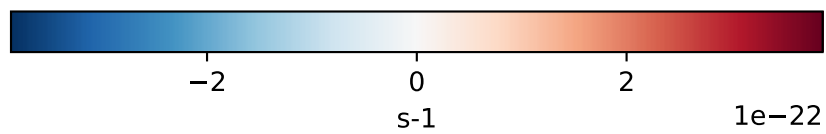
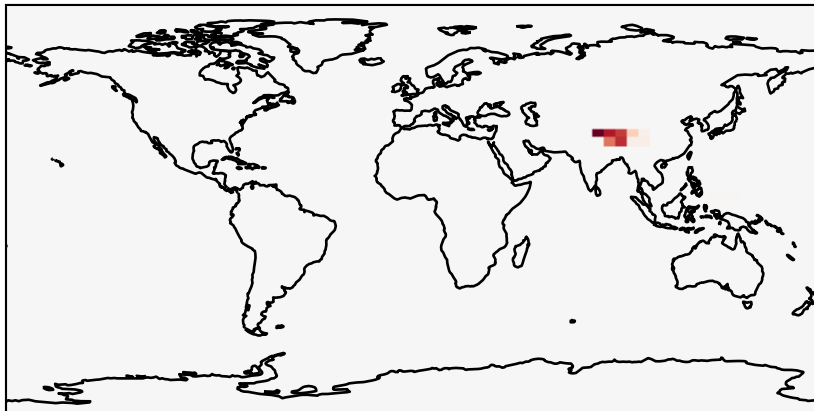
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



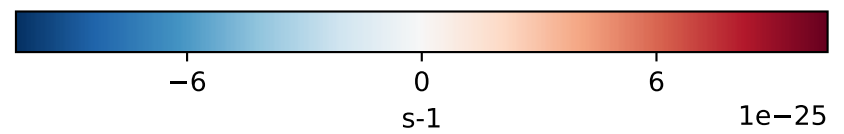
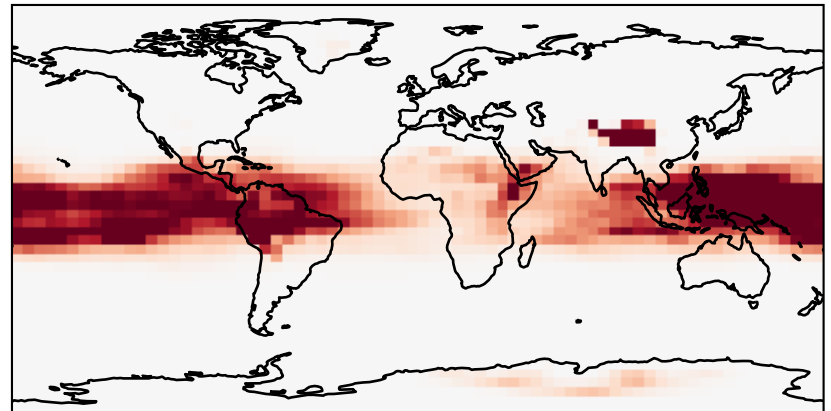
GCC\_13.0.0 (Dev)  
4.0x5.0



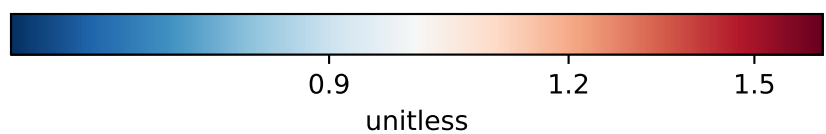
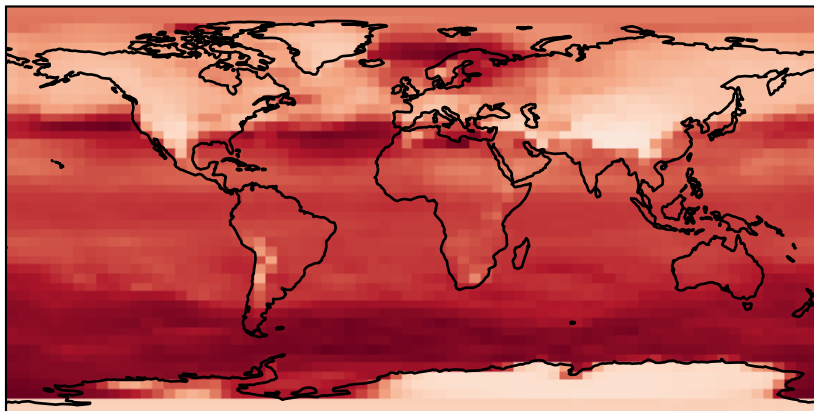
Difference  
Dev - Ref, Dynamic Range



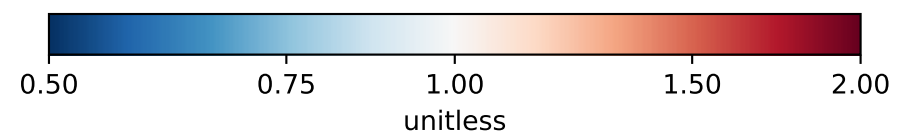
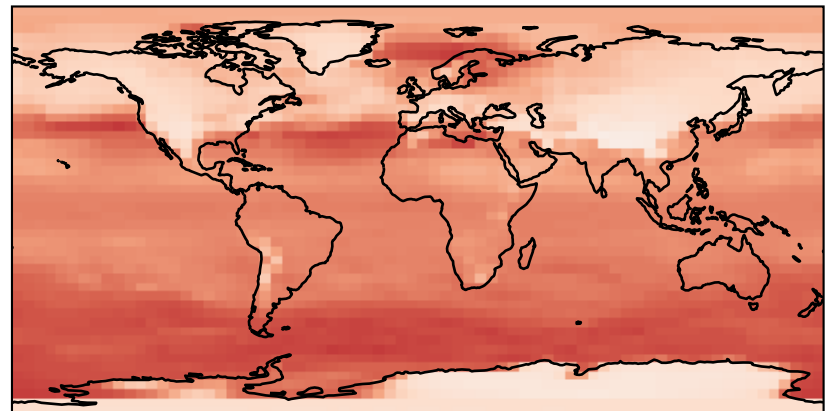
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

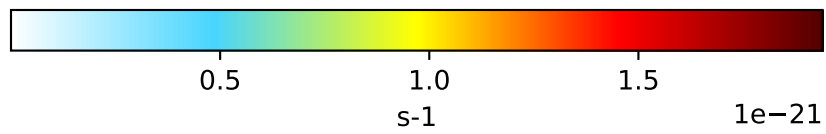
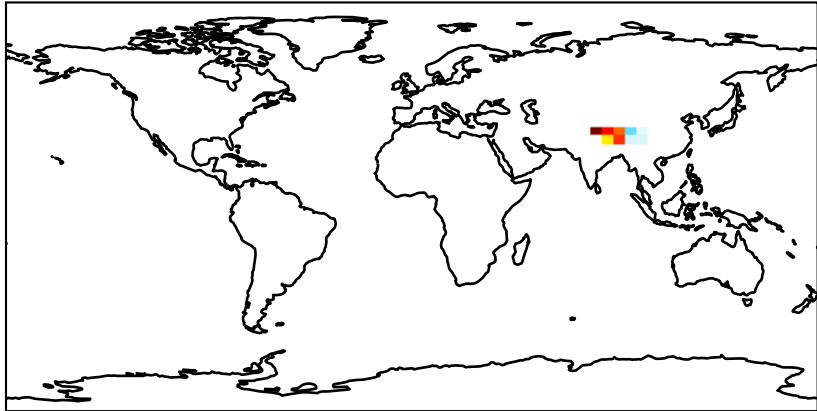


Ratio  
Dev/Ref, Fixed Range

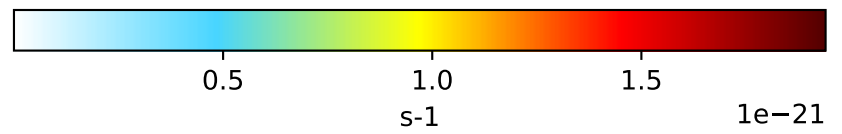
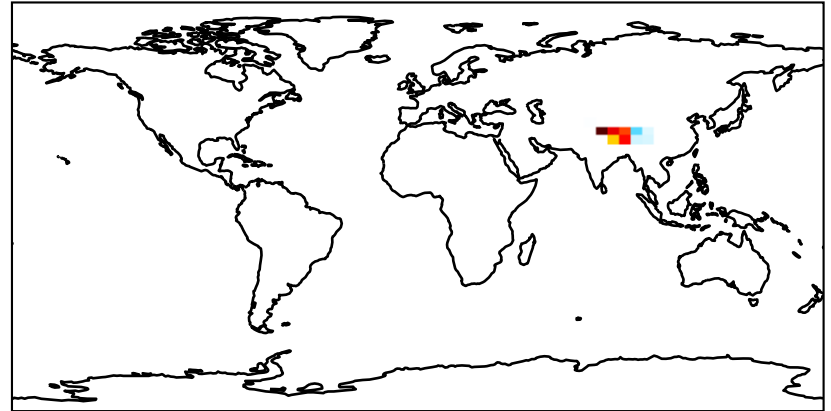


# Jval\_HCFC22 (Apr2019)

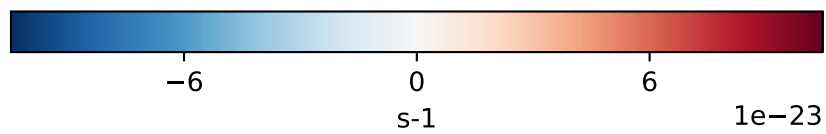
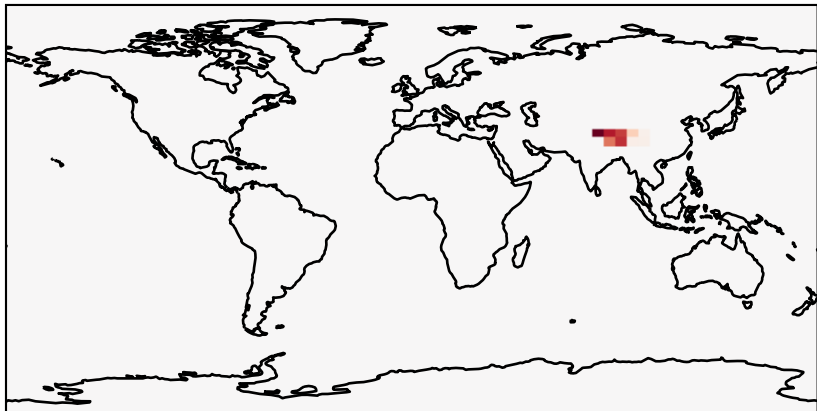
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



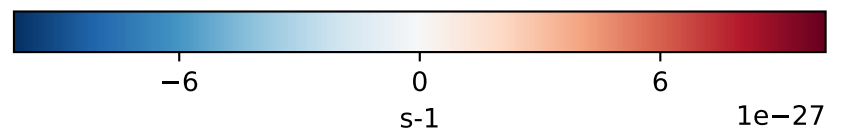
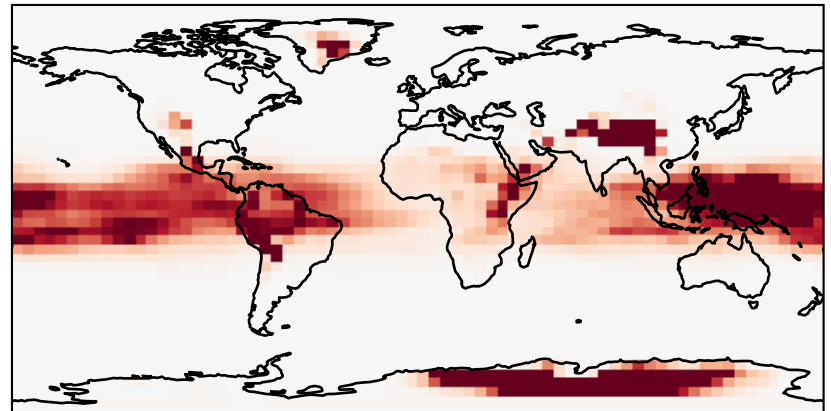
GCC\_13.0.0 (Dev)  
4.0x5.0



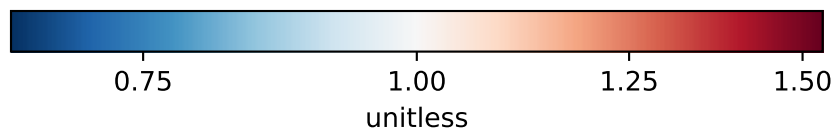
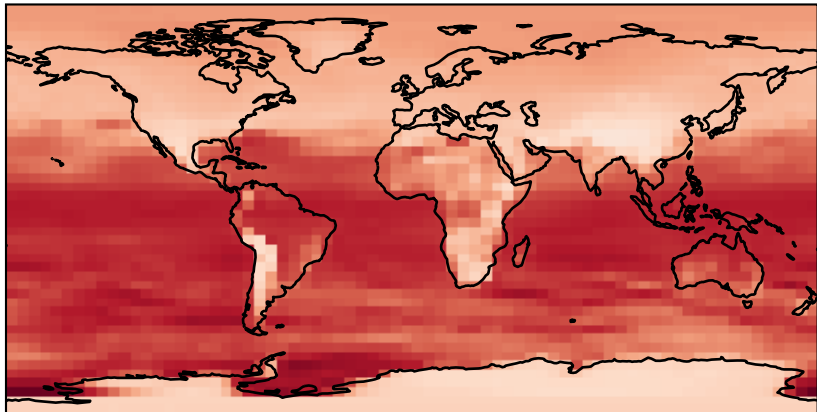
Difference  
Dev - Ref, Dynamic Range



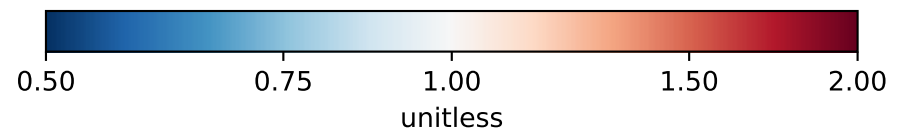
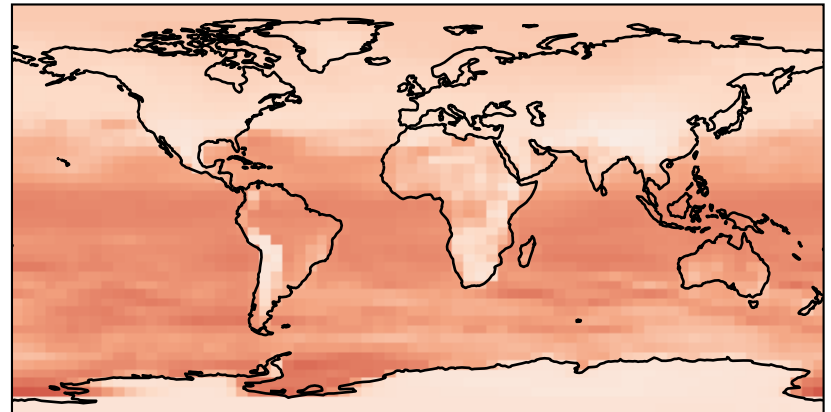
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

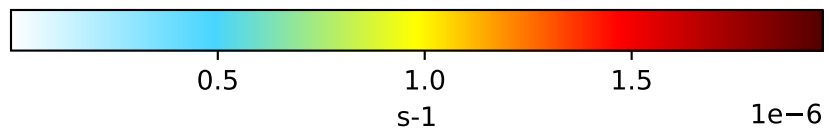
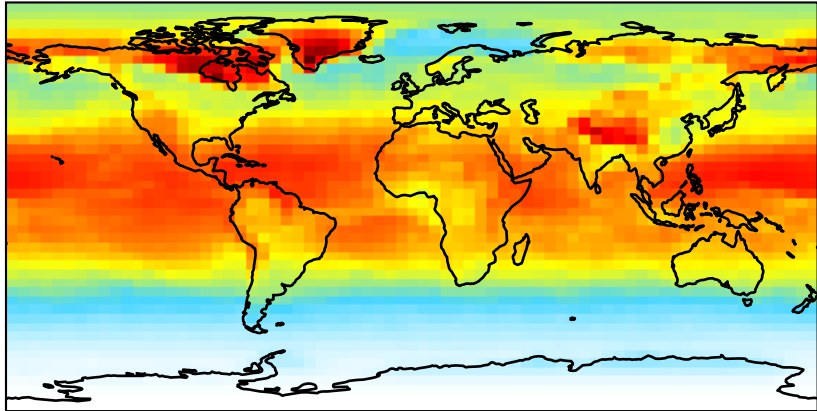


Ratio  
Dev/Ref, Fixed Range

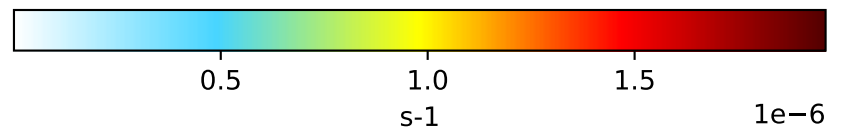
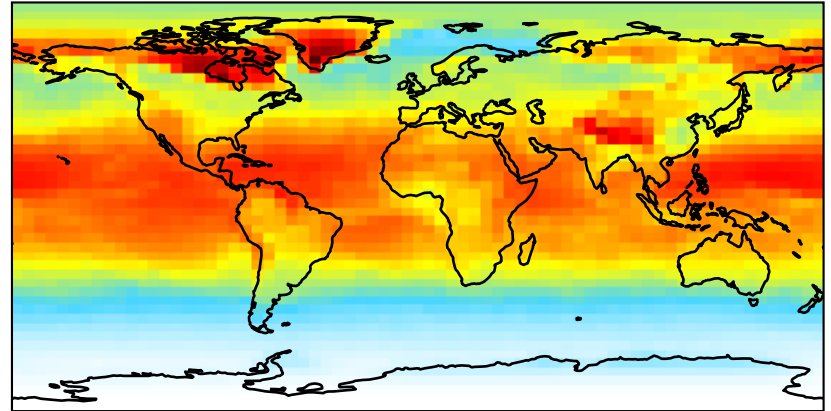


# Jval\_HMHP (Apr2019)

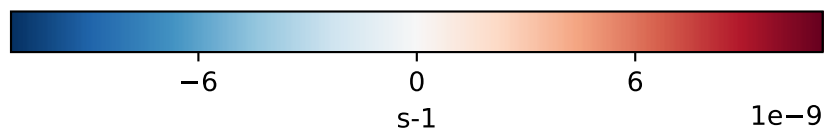
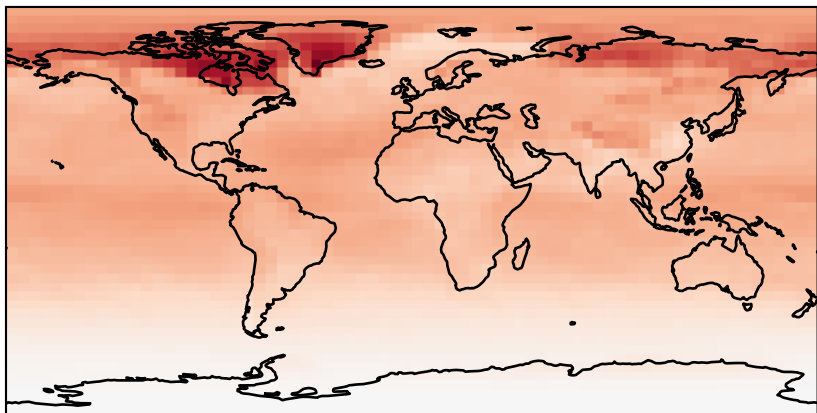
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



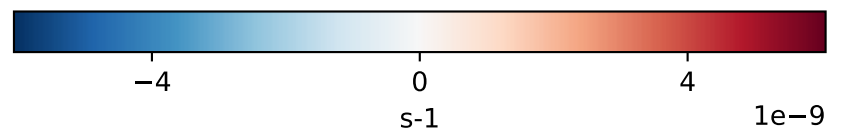
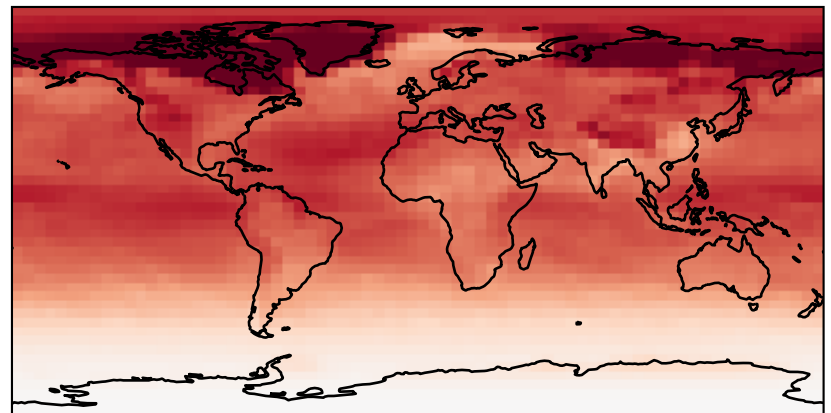
GCC\_13.0.0 (Dev)  
4.0x5.0



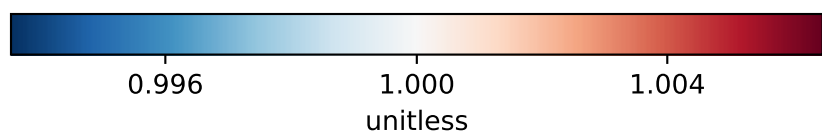
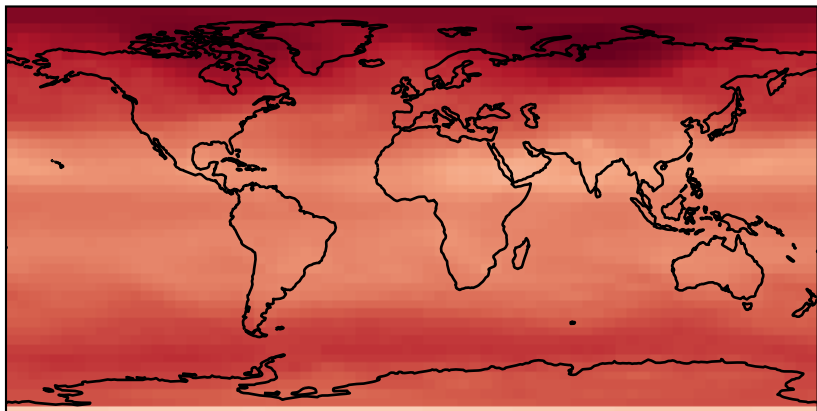
Difference  
Dev - Ref, Dynamic Range



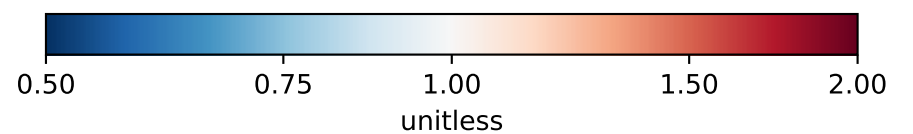
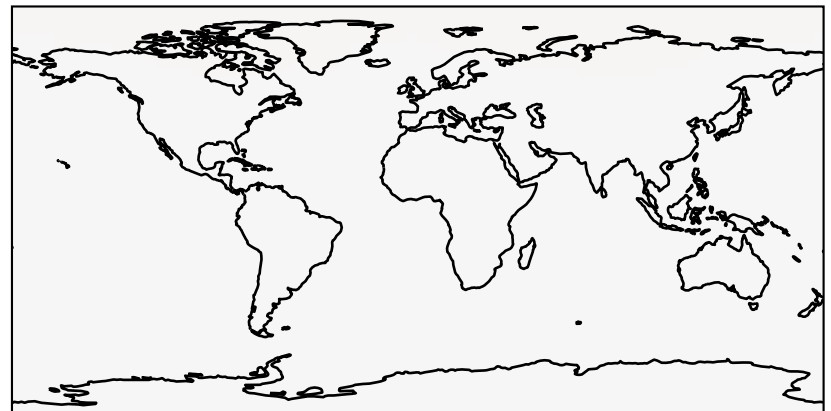
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

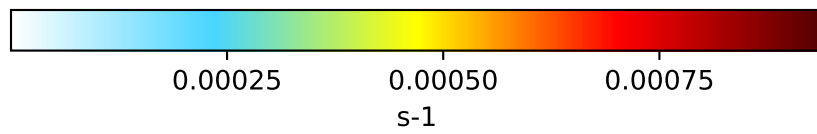
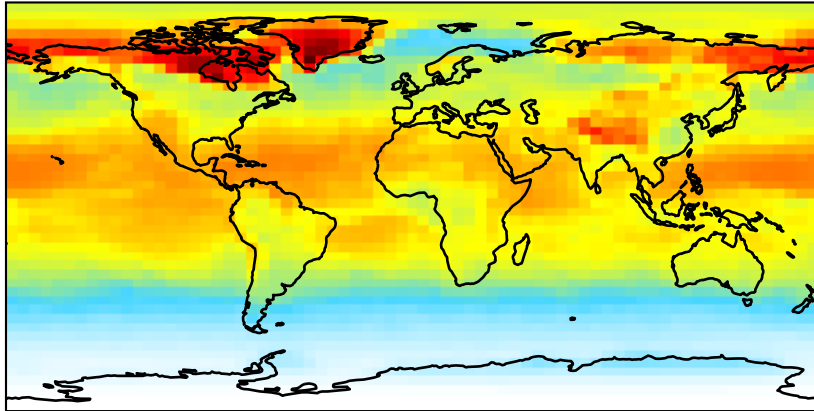


Ratio  
Dev/Ref, Fixed Range

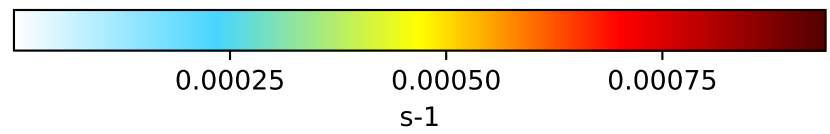
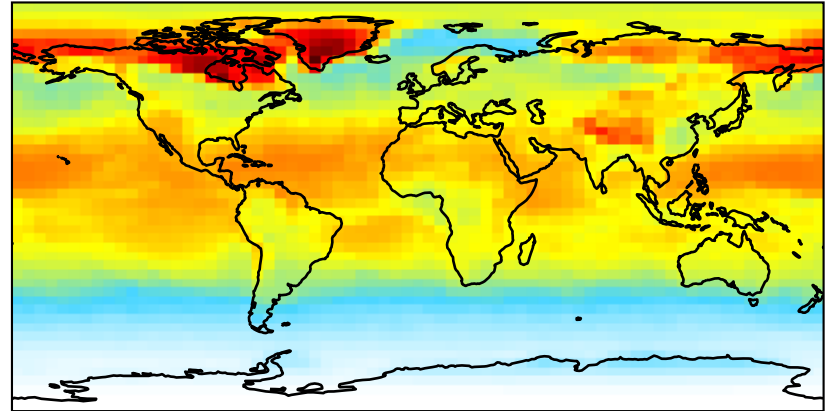


# Jval\_HNO2 (Apr2019)

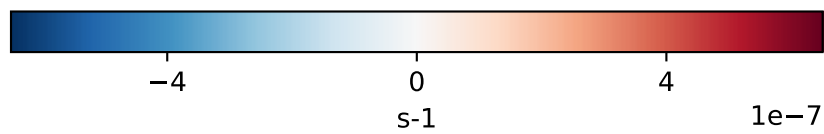
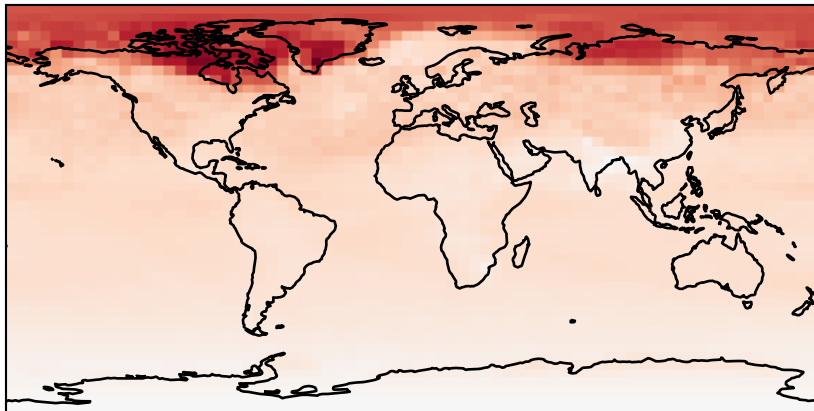
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



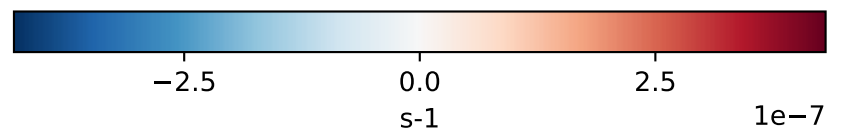
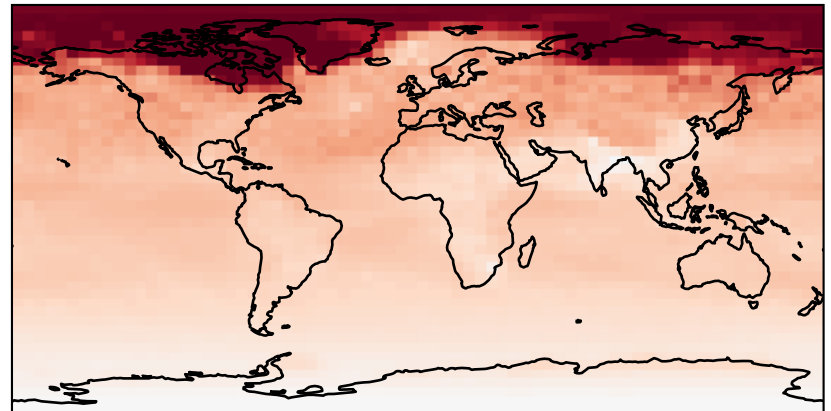
GCC\_13.0.0 (Dev)  
4.0x5.0



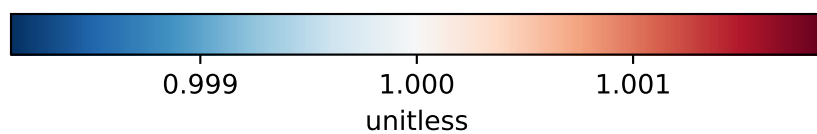
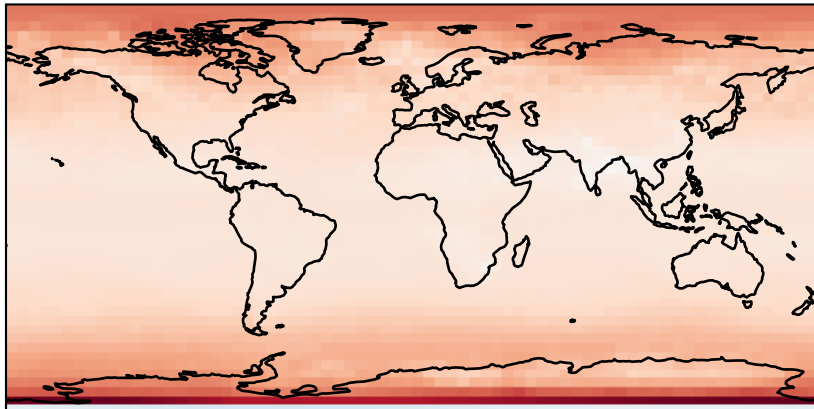
Difference  
Dev - Ref, Dynamic Range



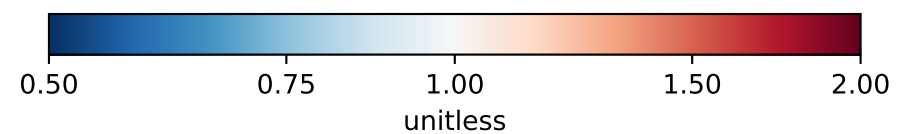
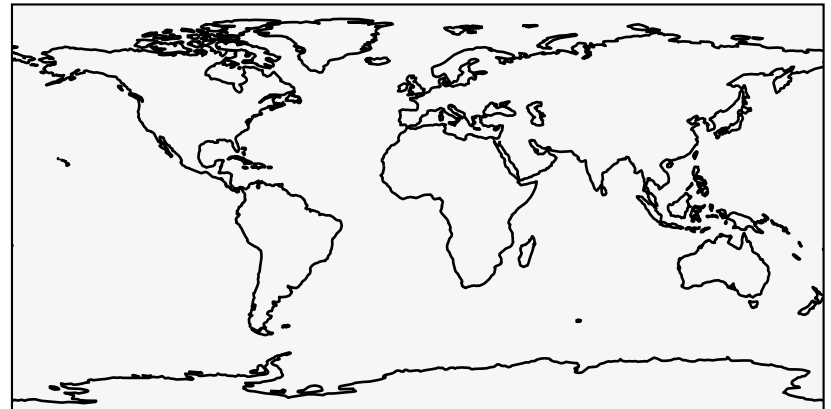
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

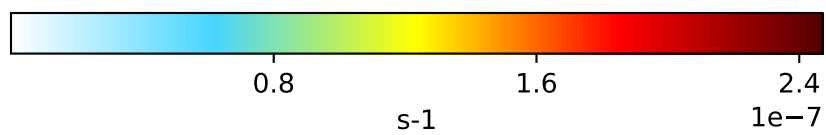
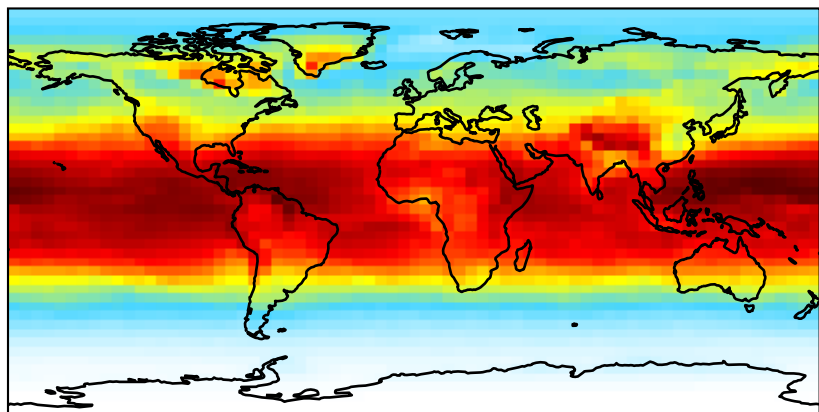


Ratio  
Dev/Ref, Fixed Range

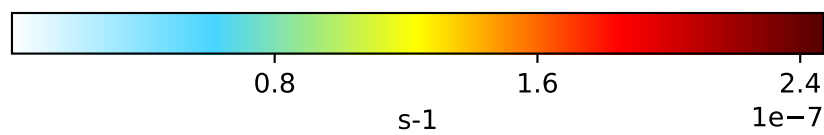
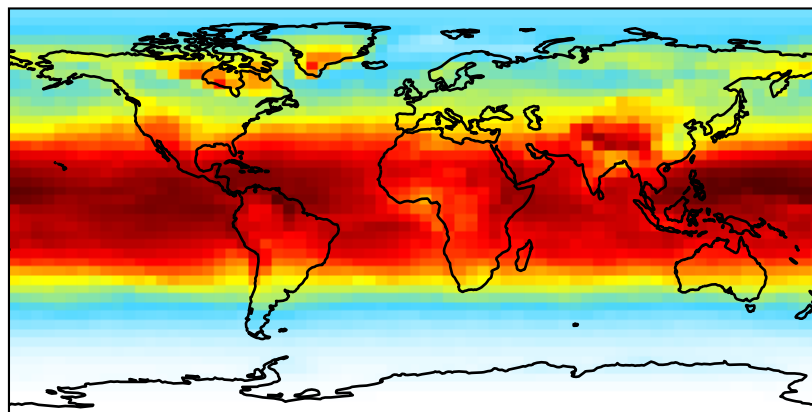


# Jval\_HNO3 (Apr2019)

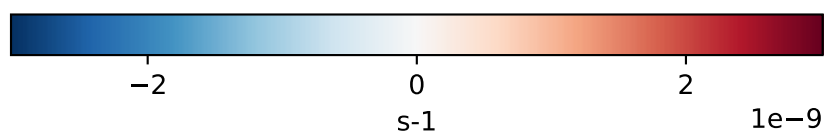
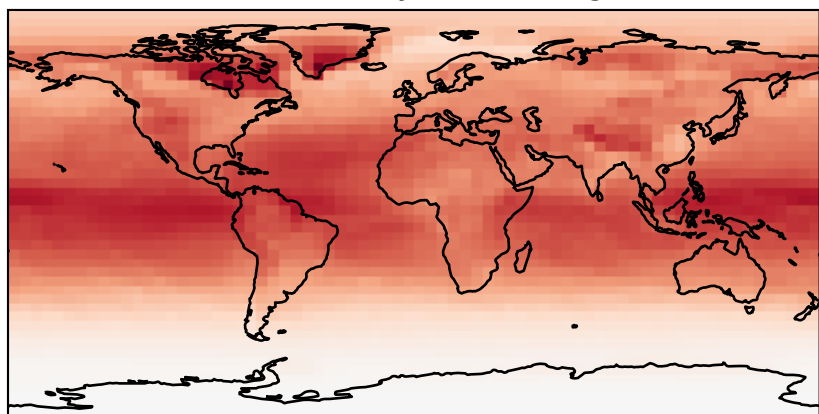
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



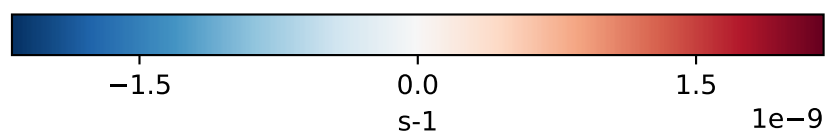
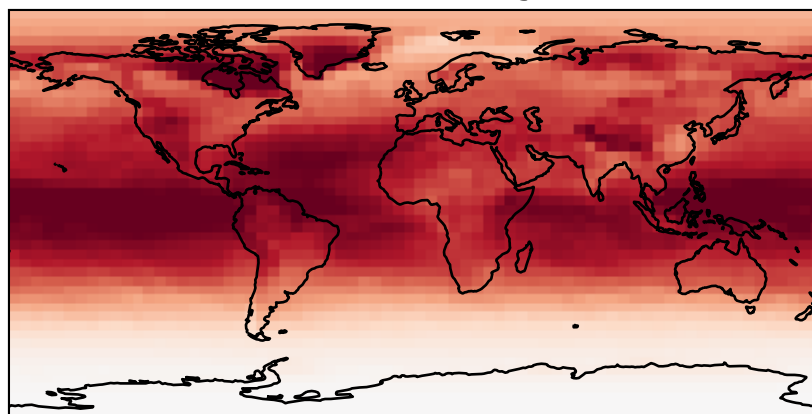
GCC\_13.0.0 (Dev)  
4.0x5.0



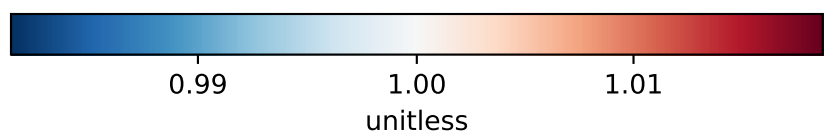
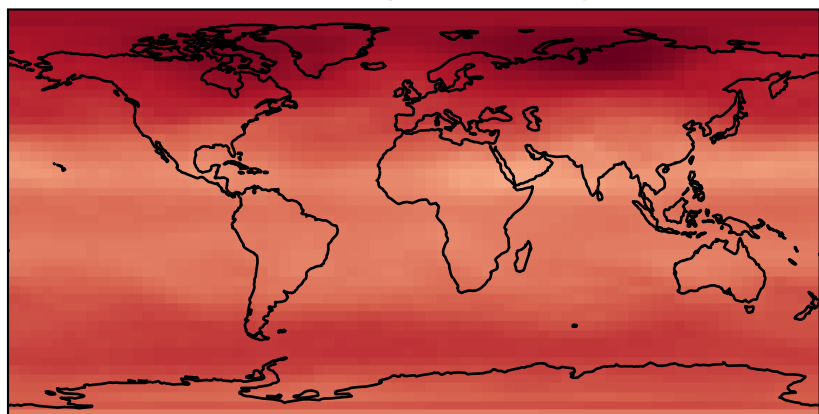
Difference  
Dev - Ref, Dynamic Range



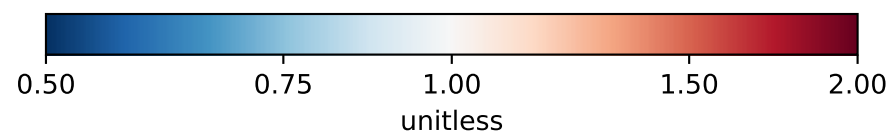
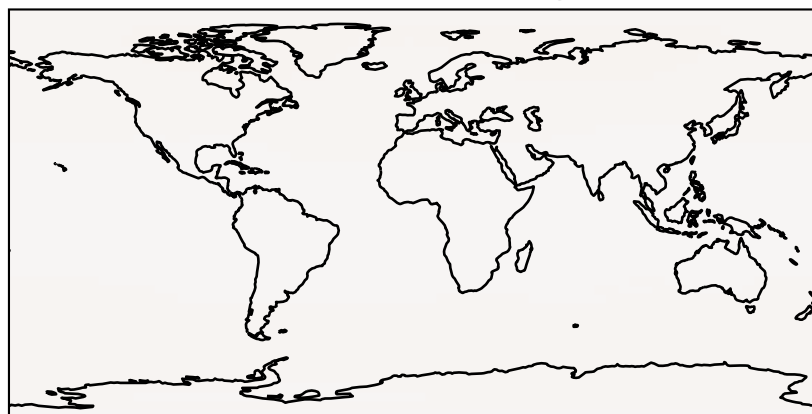
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



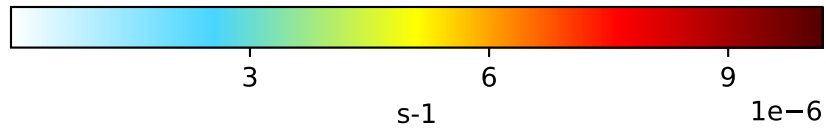
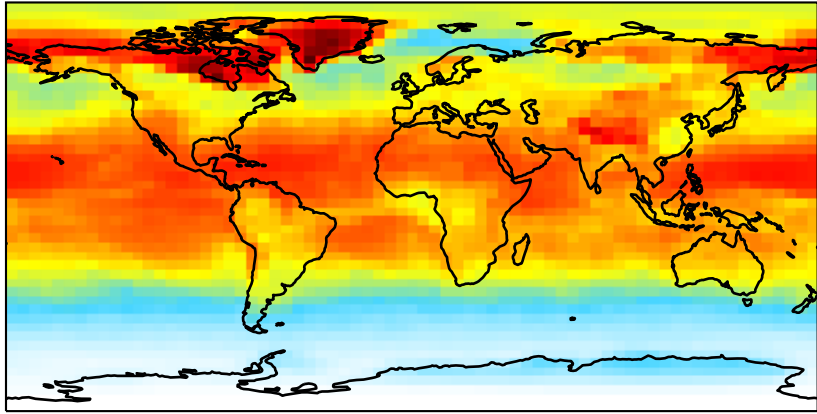
Ratio  
Dev/Ref, Fixed Range



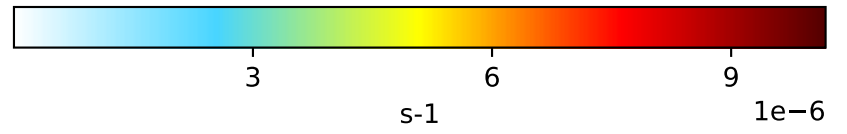
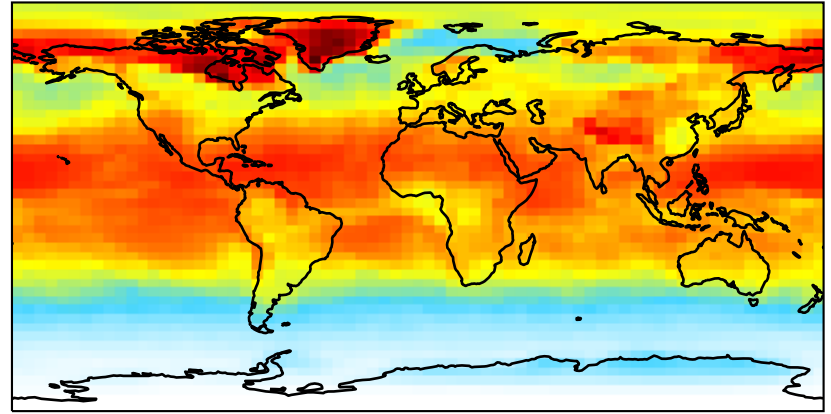


# Jval\_HNO4 (Apr2019)

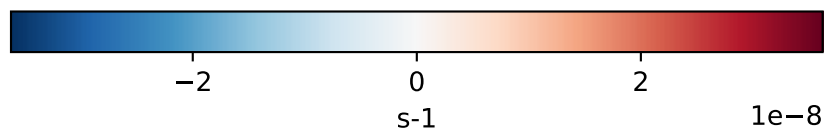
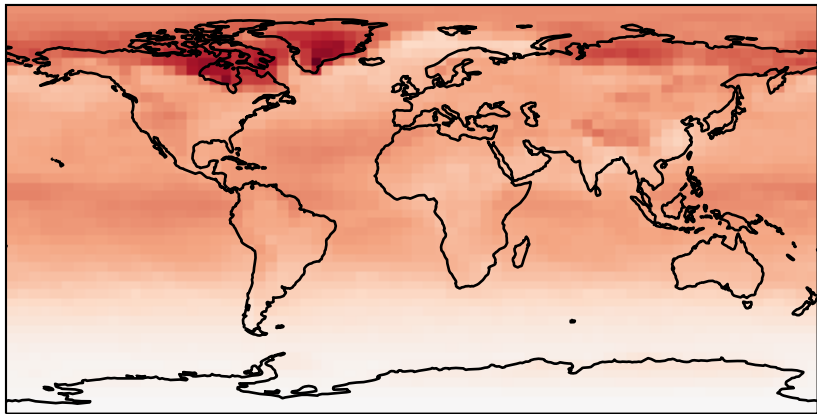
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



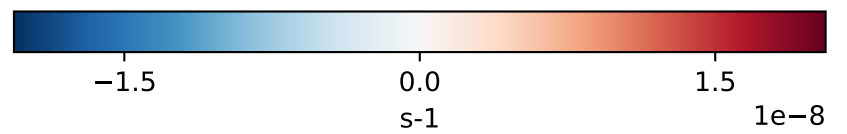
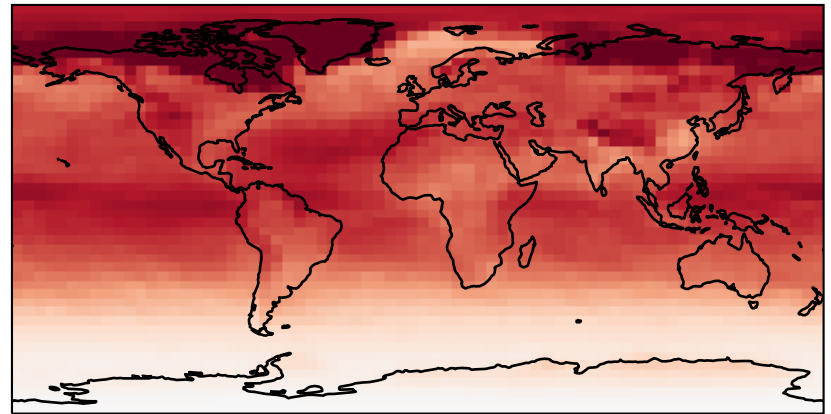
GCC\_13.0.0 (Dev)  
4.0x5.0



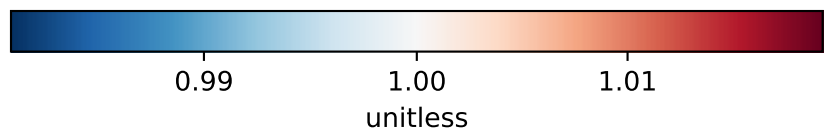
Difference  
Dev - Ref, Dynamic Range



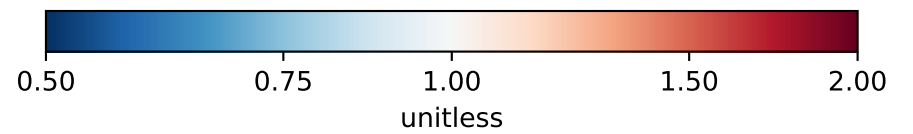
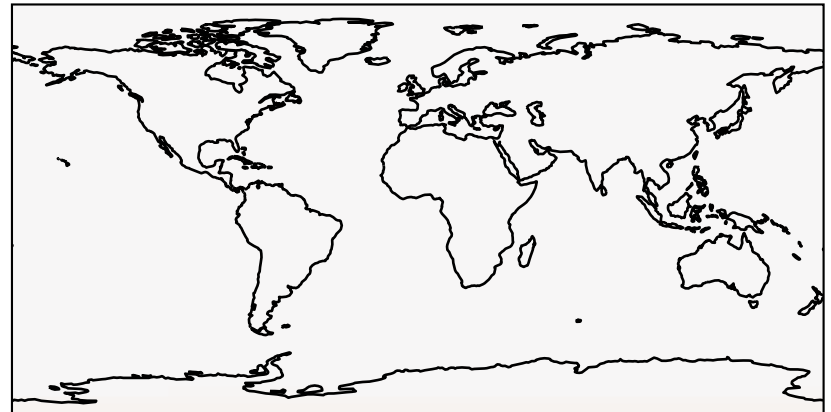
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

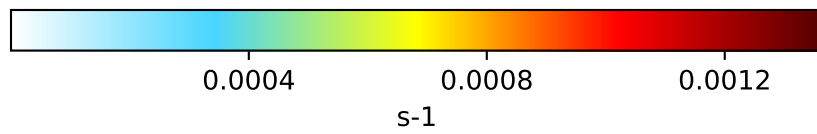
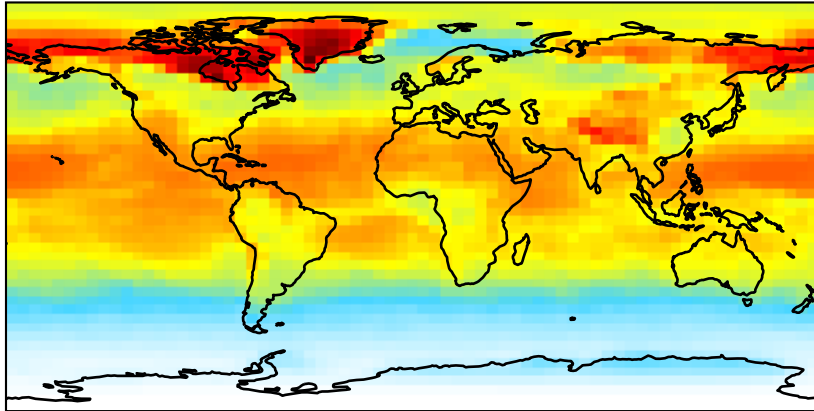


Ratio  
Dev/Ref, Fixed Range

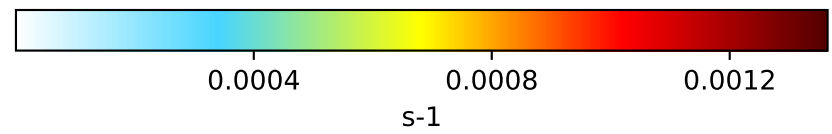
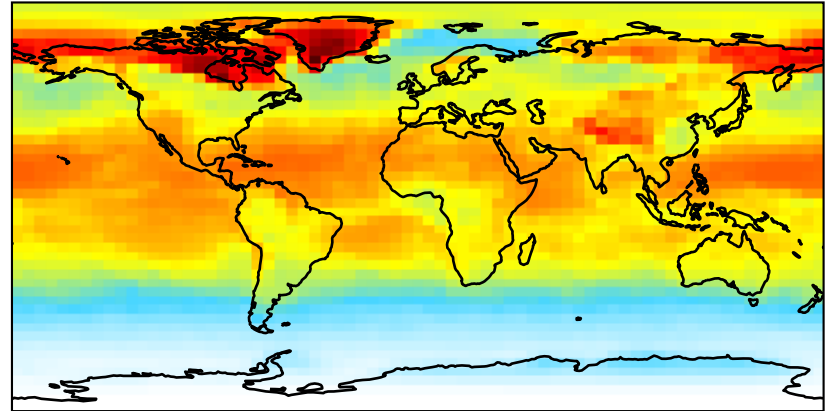


# Jval\_HOBr (Apr2019)

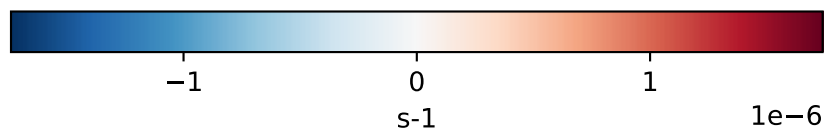
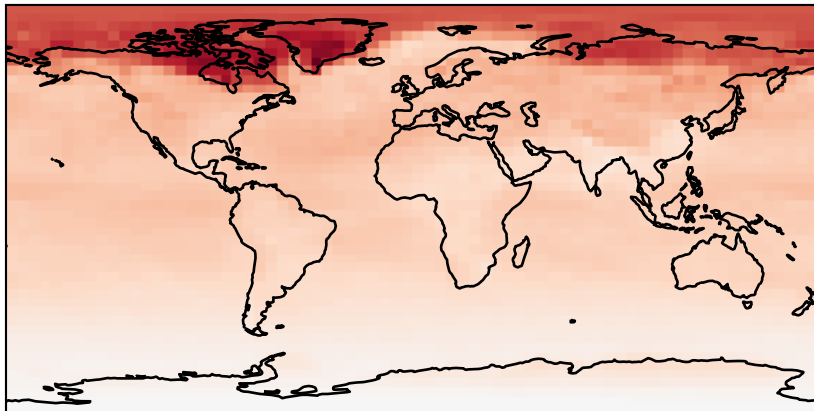
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



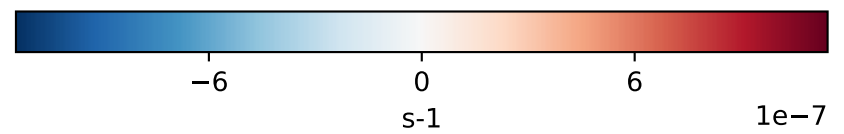
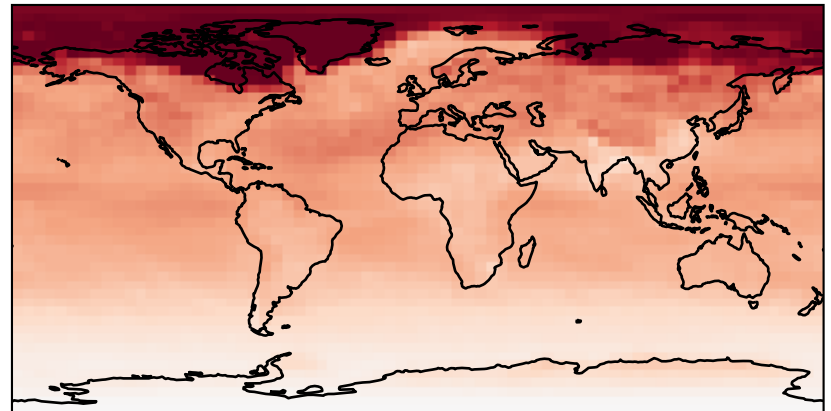
GCC\_13.0.0 (Dev)  
4.0x5.0



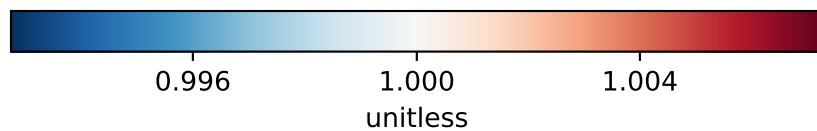
Difference  
Dev - Ref, Dynamic Range



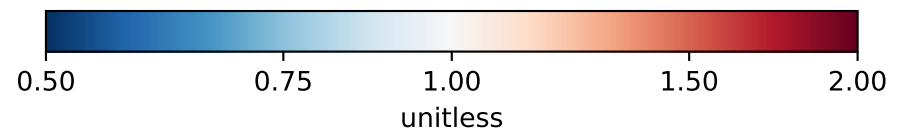
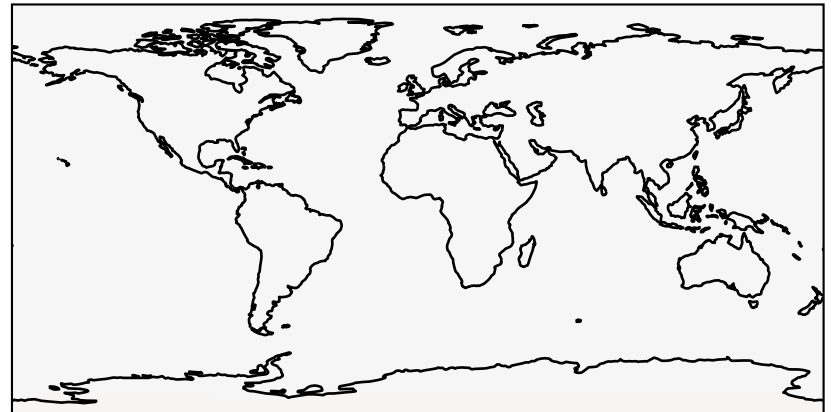
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

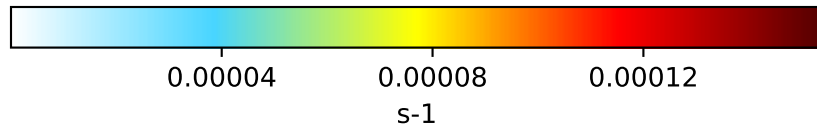
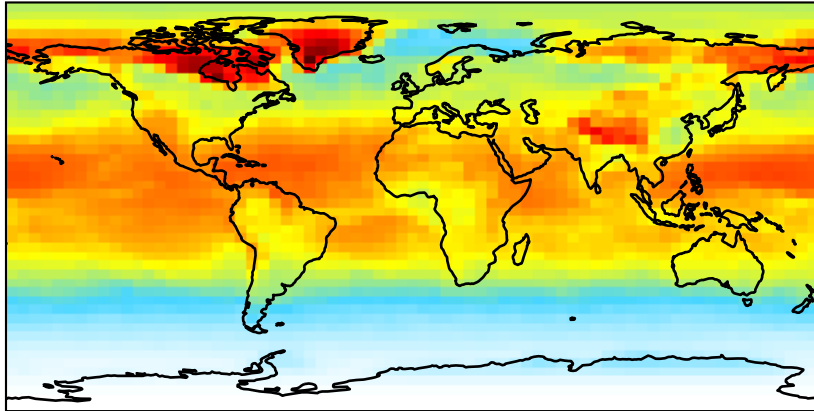


Ratio  
Dev/Ref, Fixed Range

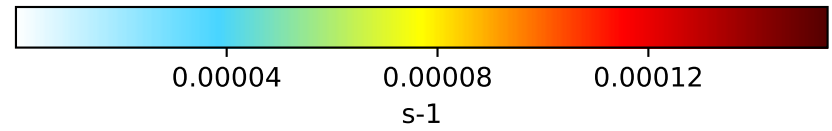
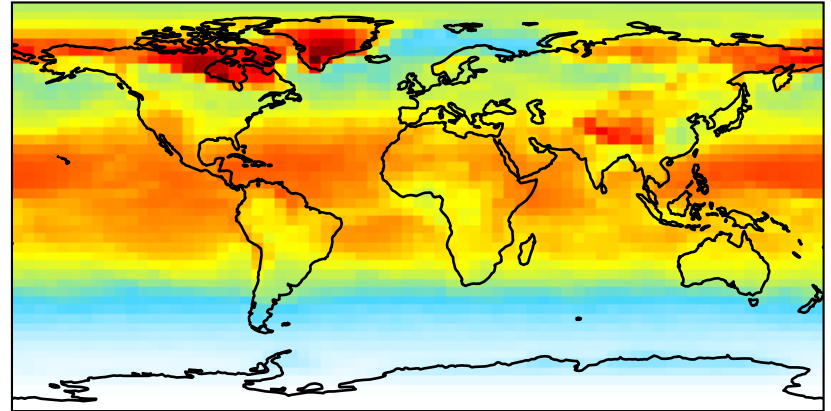


# Jval\_HOCl (Apr2019)

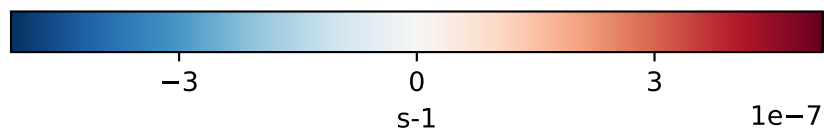
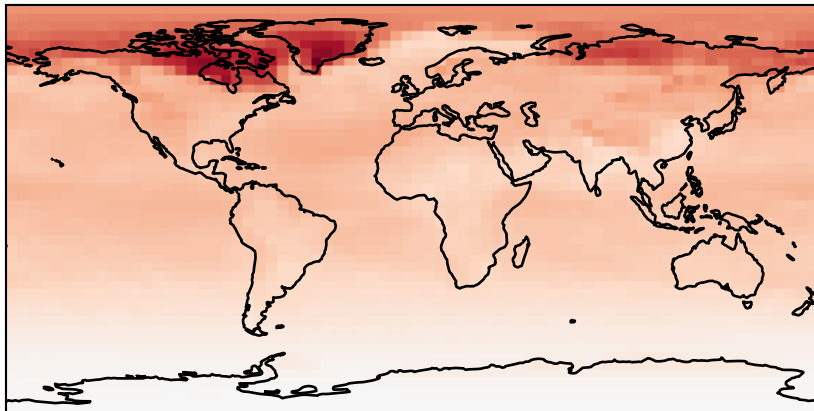
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



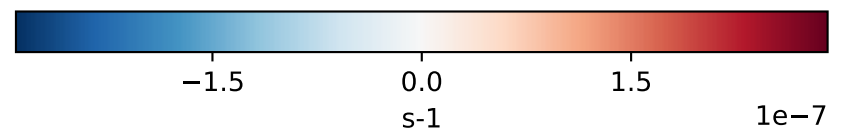
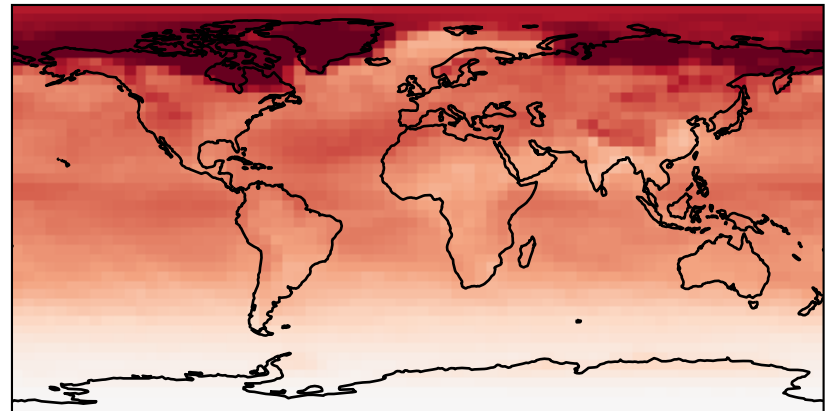
GCC\_13.0.0 (Dev)  
4.0x5.0



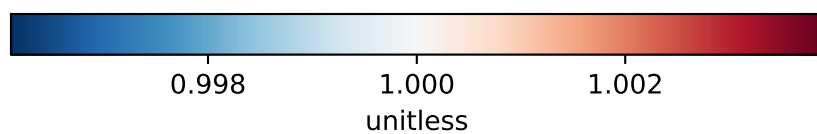
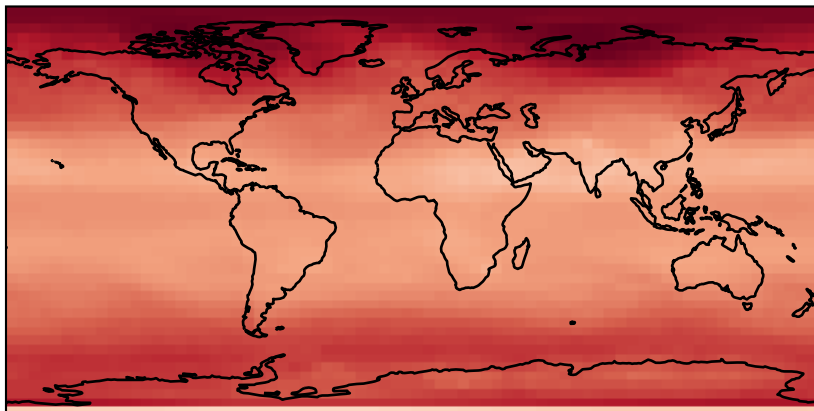
Difference  
Dev - Ref, Dynamic Range



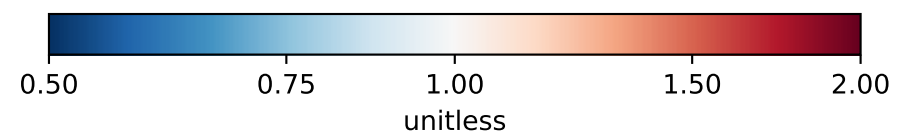
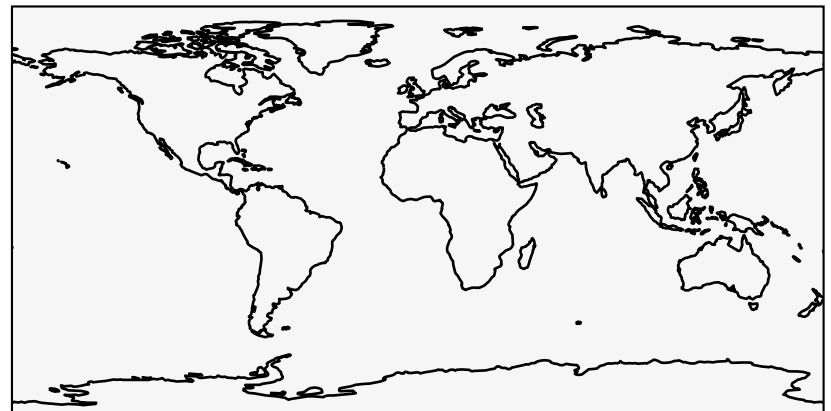
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

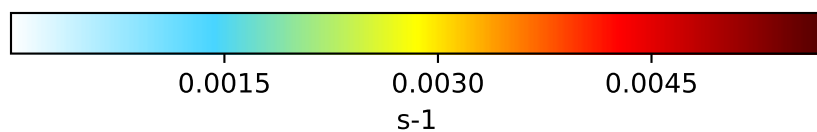
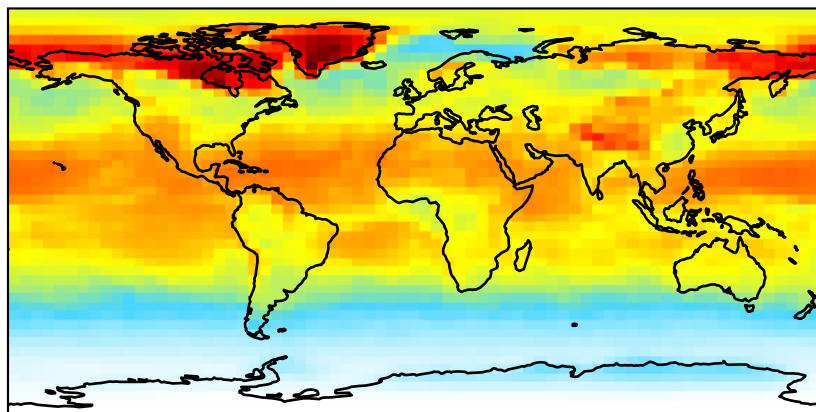


Ratio  
Dev/Ref, Fixed Range

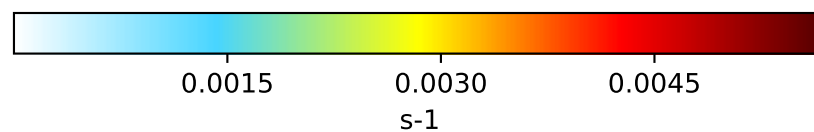
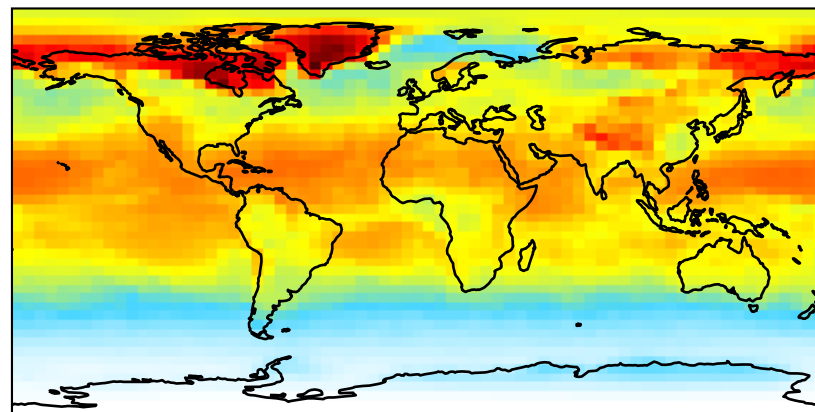


# Jval\_HOI (Apr2019)

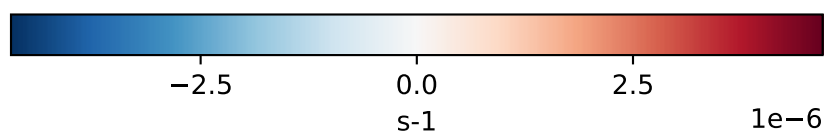
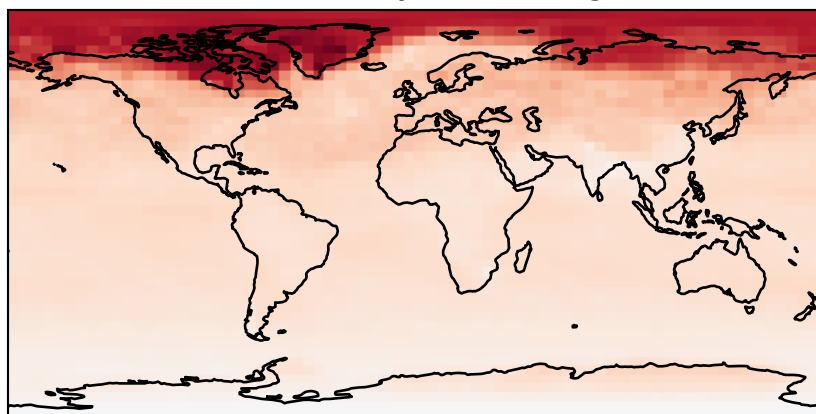
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



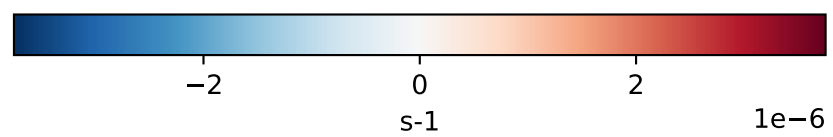
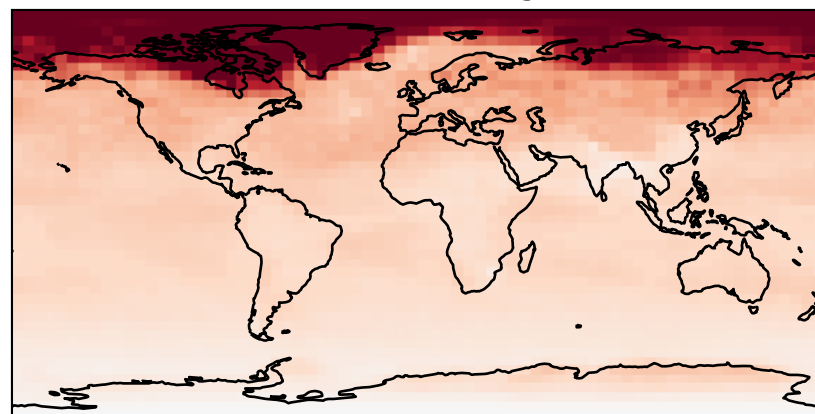
GCC\_13.0.0 (Dev)  
4.0x5.0



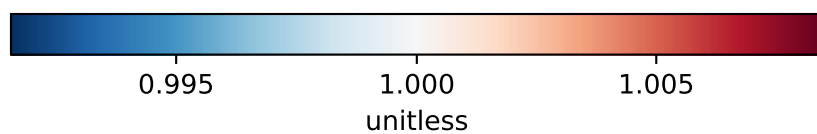
Difference  
Dev - Ref, Dynamic Range



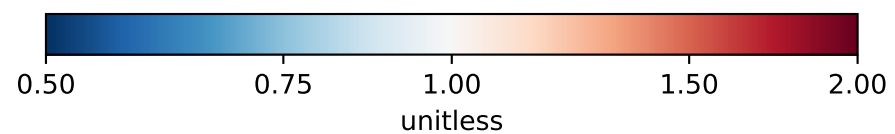
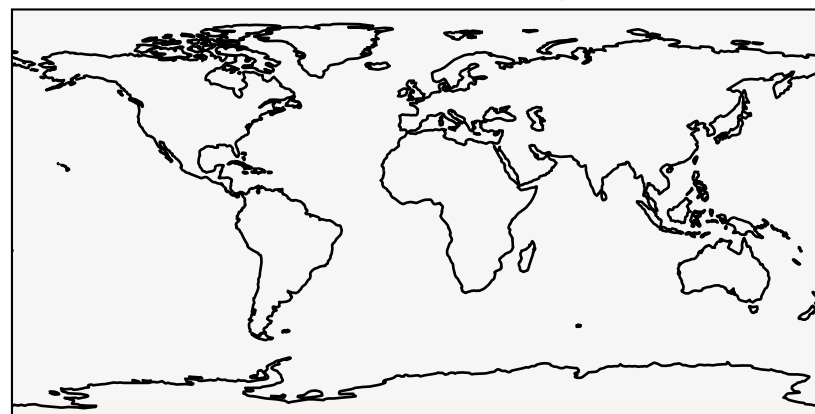
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

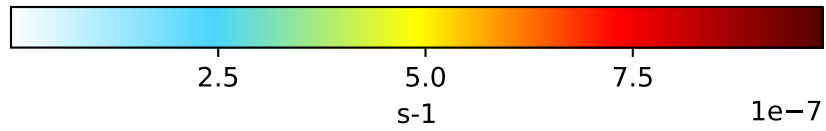
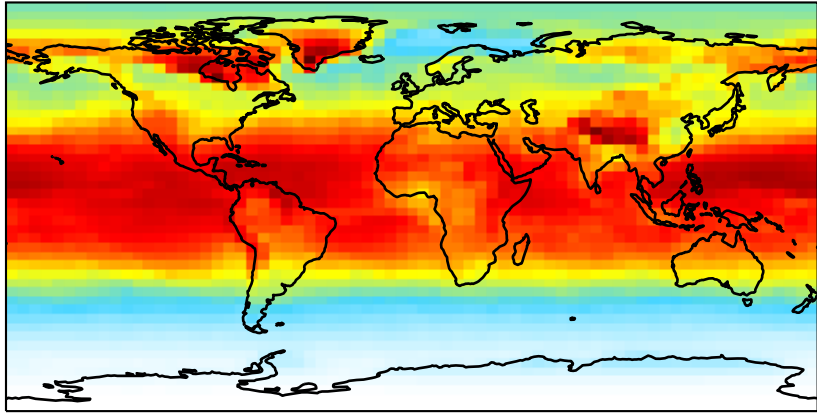


Ratio  
Dev/Ref, Fixed Range

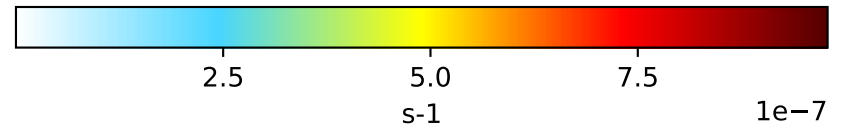
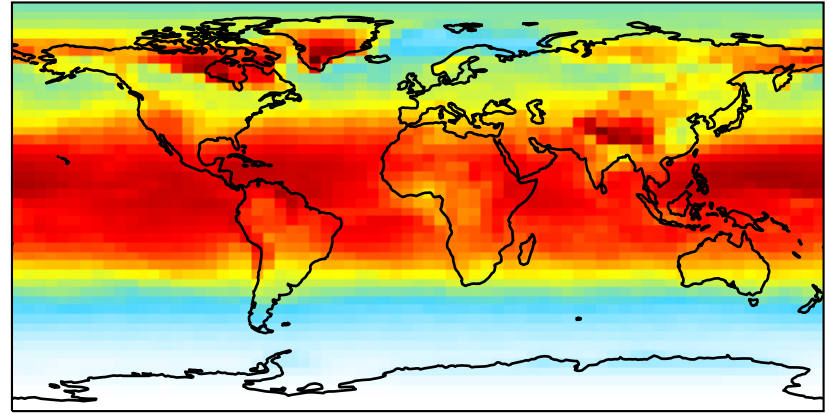


# Jval\_HONIT (Apr2019)

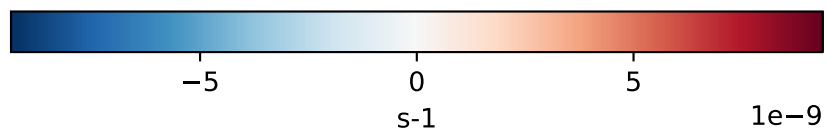
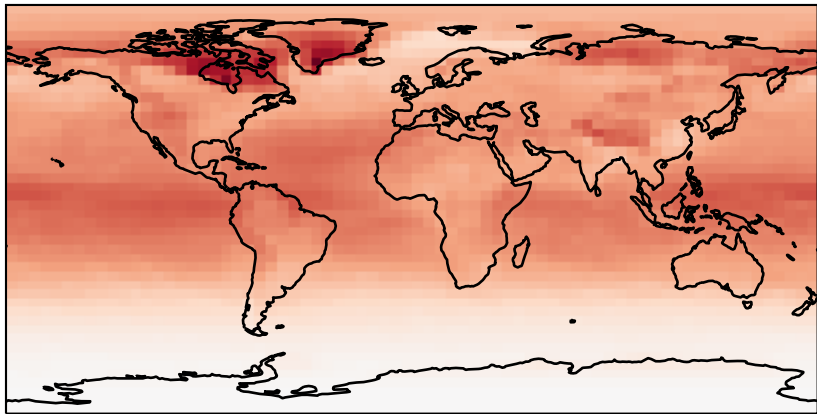
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



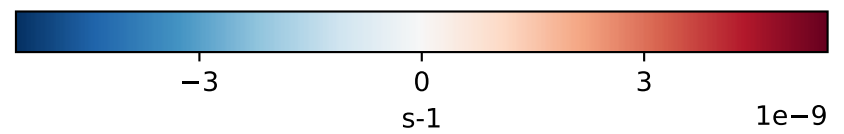
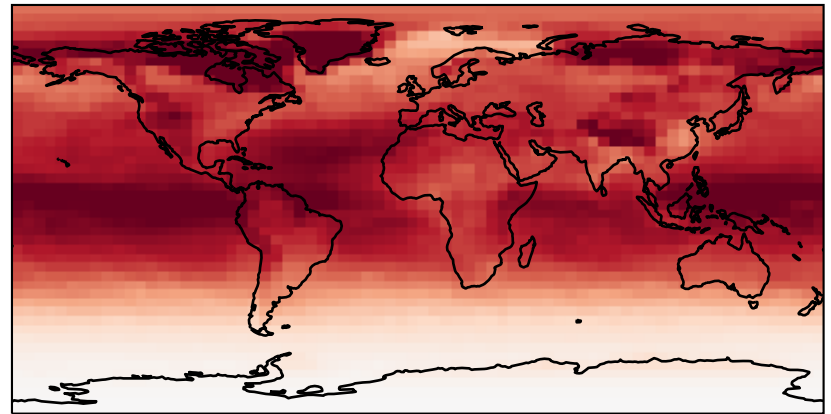
GCC\_13.0.0 (Dev)  
4.0x5.0



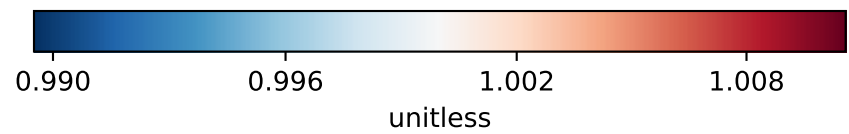
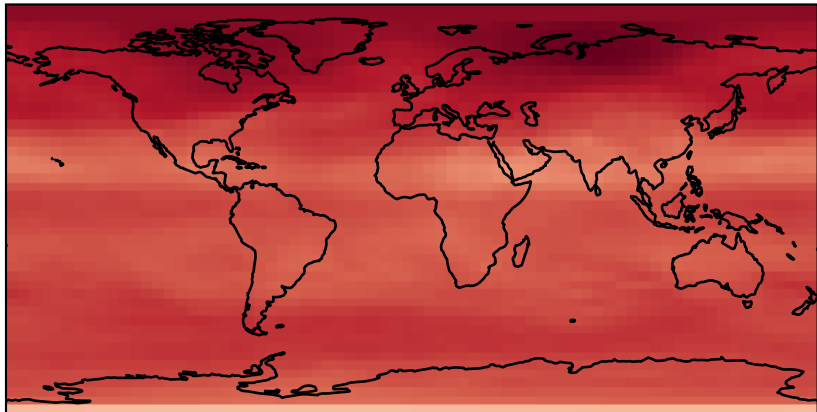
Difference  
Dev - Ref, Dynamic Range



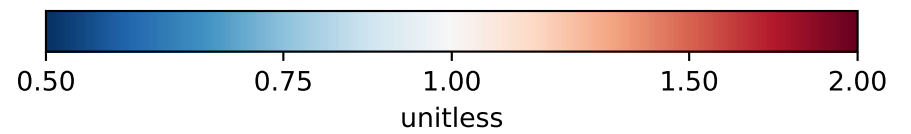
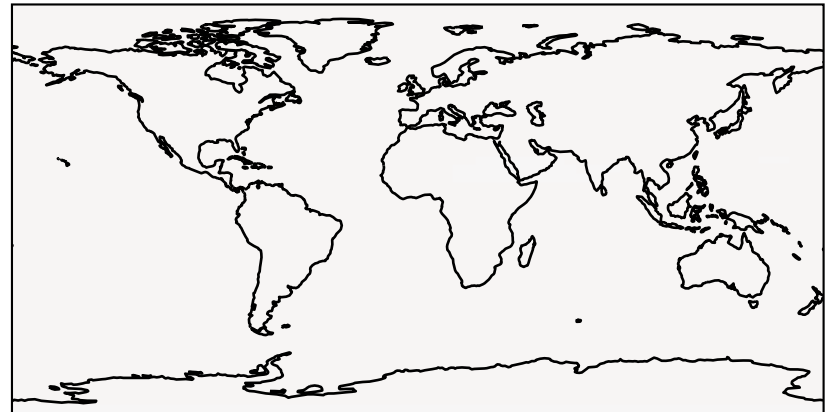
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



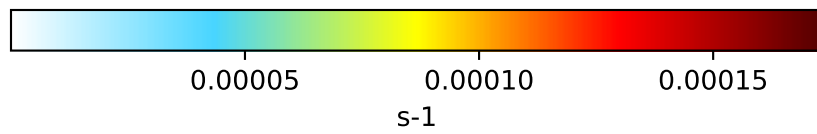
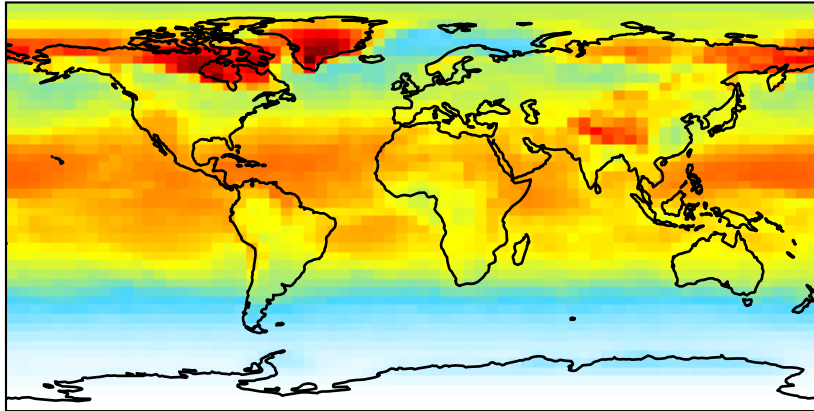
Ratio  
Dev/Ref, Fixed Range



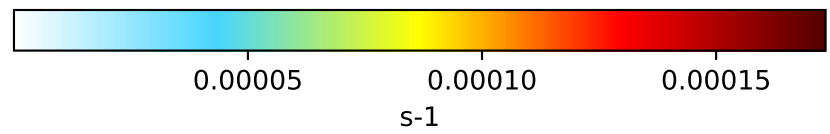
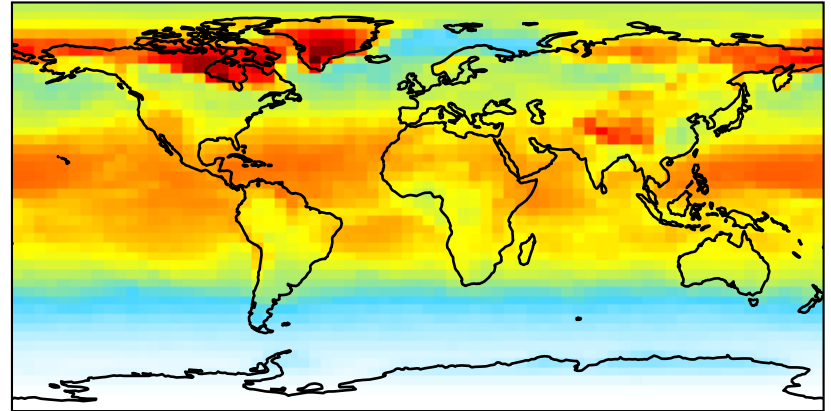


# Jval\_HPALD1 (Apr2019)

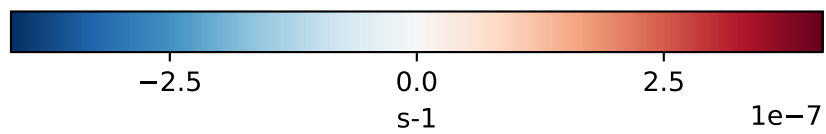
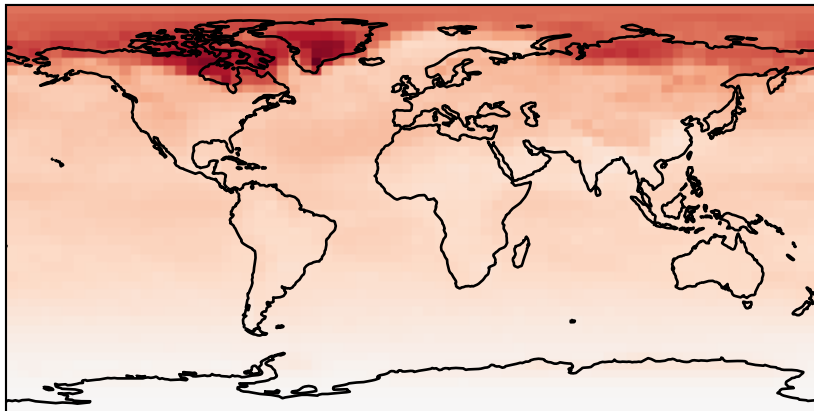
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



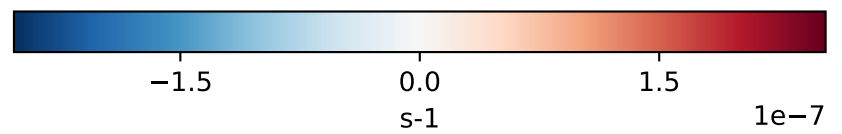
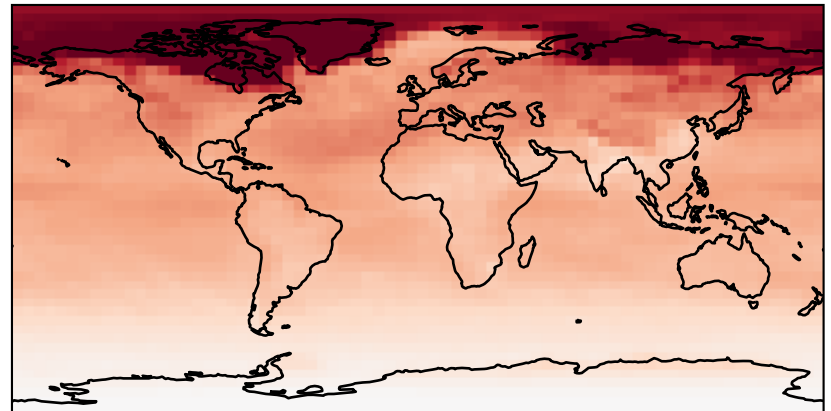
GCC\_13.0.0 (Dev)  
4.0x5.0



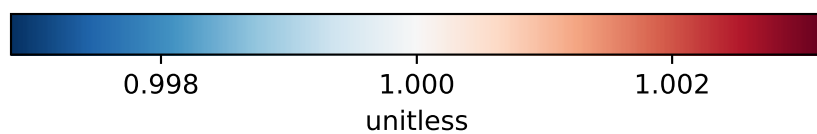
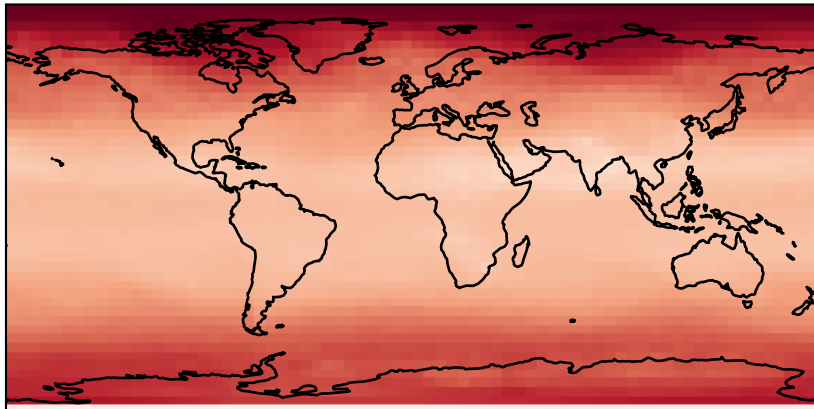
Difference  
Dev - Ref, Dynamic Range



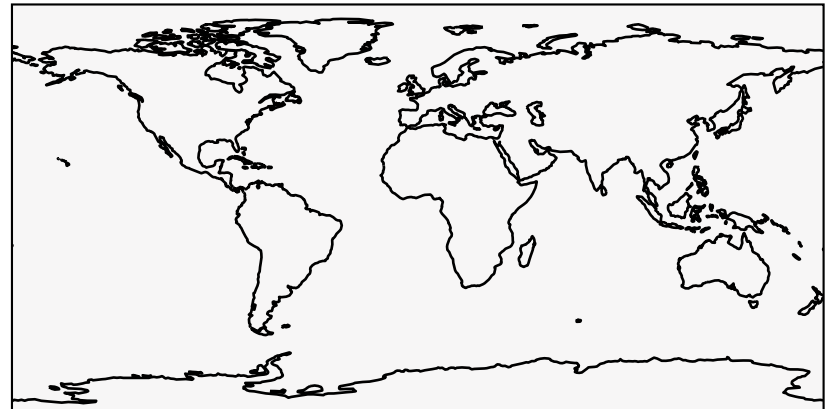
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

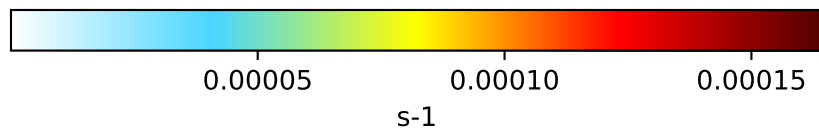
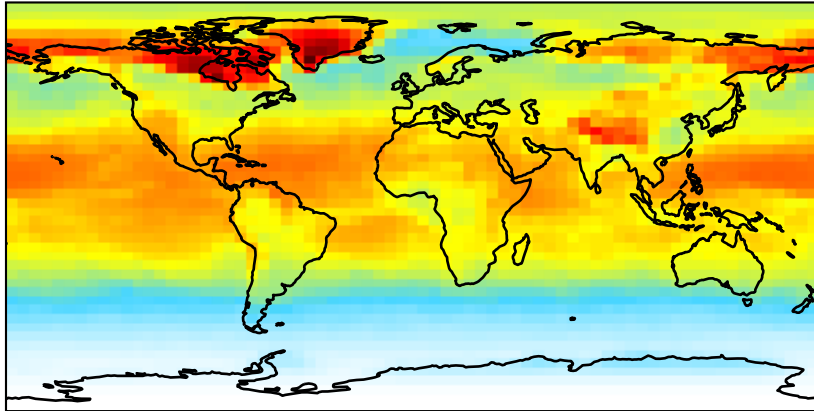


Ratio  
Dev/Ref, Fixed Range

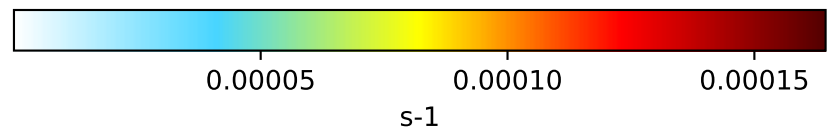
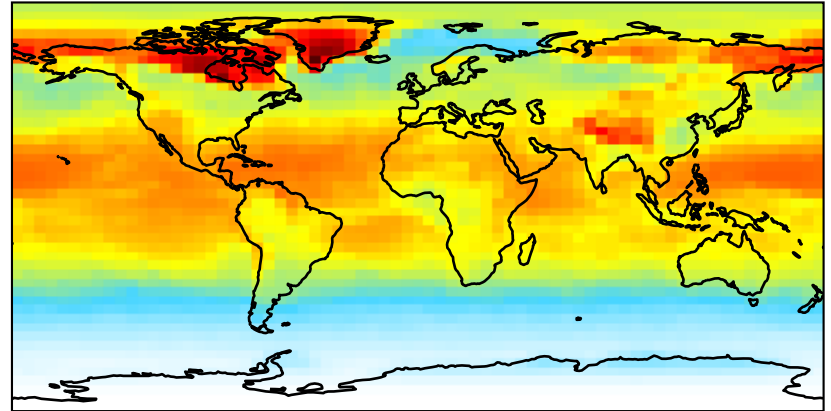


# Jval\_HPALD2 (Apr2019)

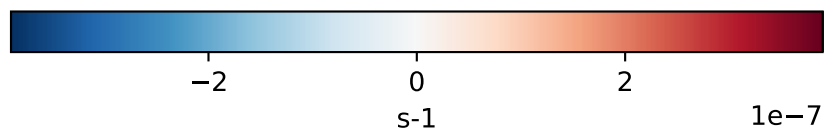
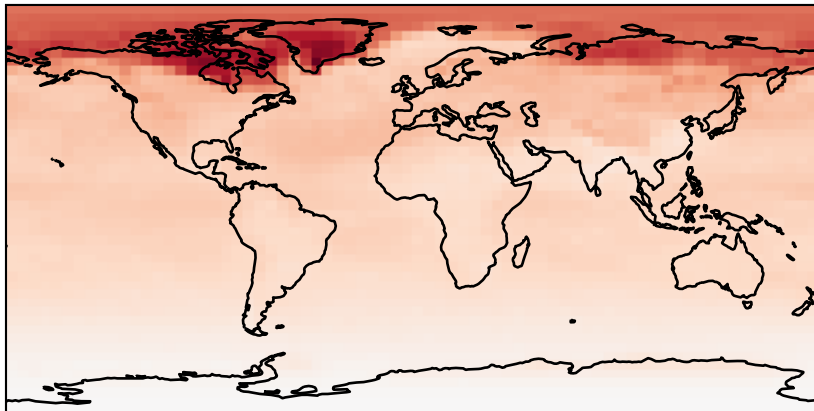
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



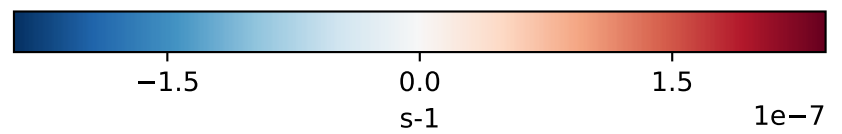
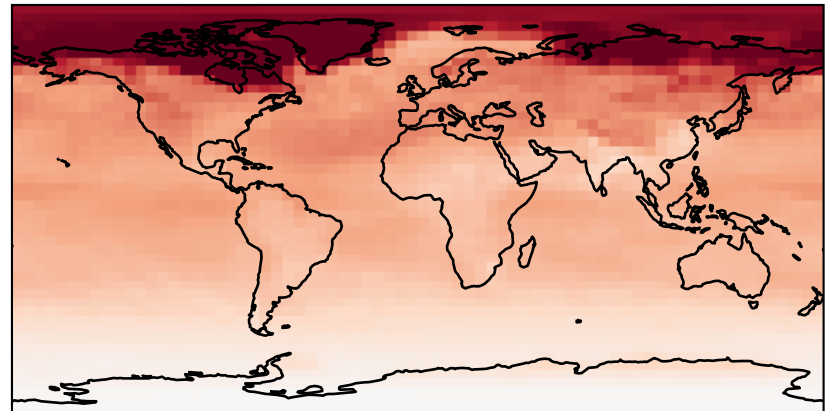
GCC\_13.0.0 (Dev)  
4.0x5.0



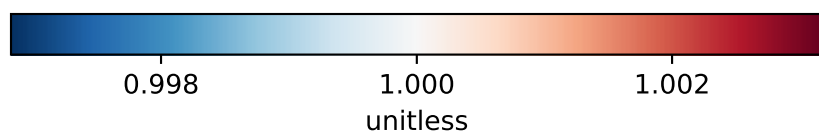
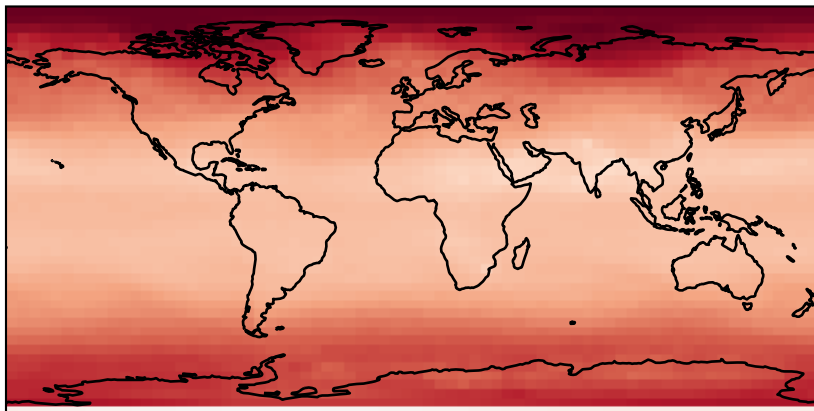
Difference  
Dev - Ref, Dynamic Range



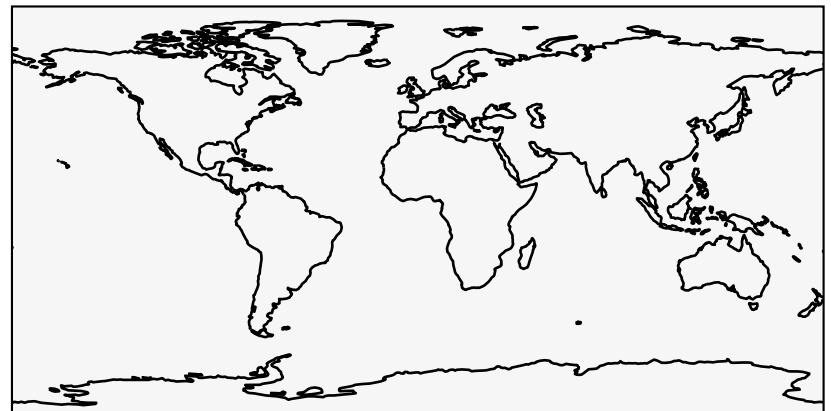
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

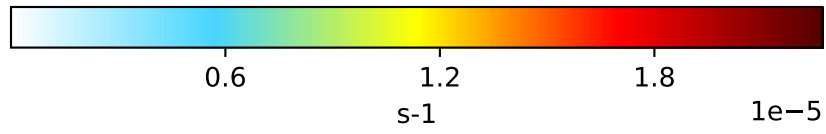
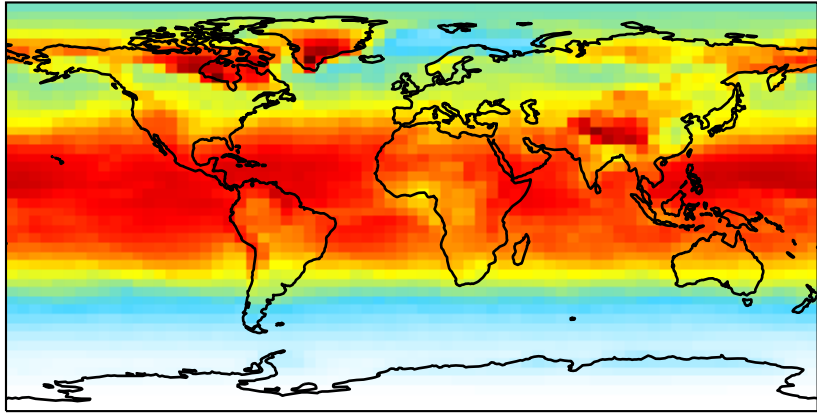


Ratio  
Dev/Ref, Fixed Range

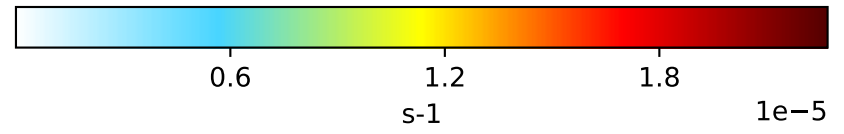
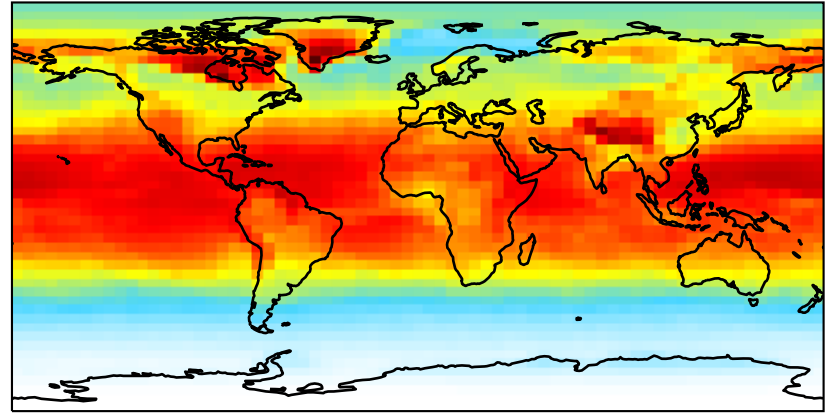


# Jval\_HPALD3 (Apr2019)

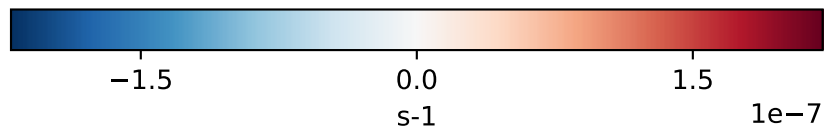
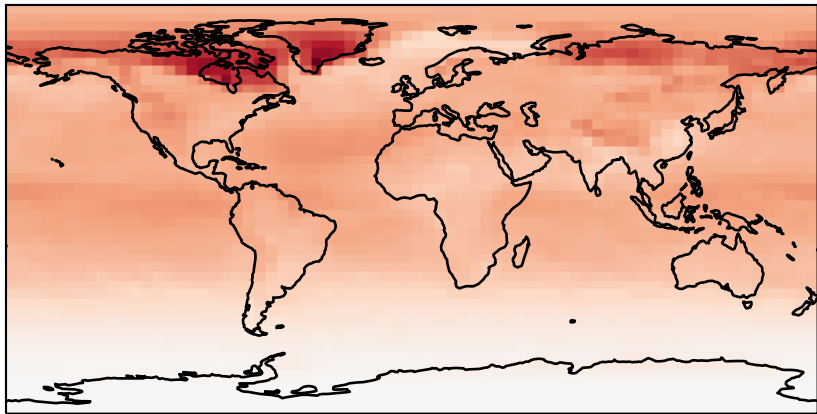
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



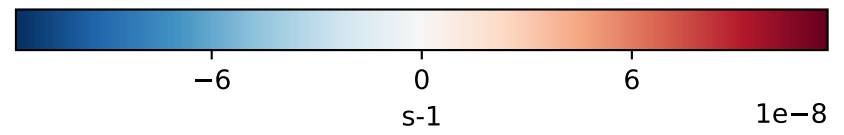
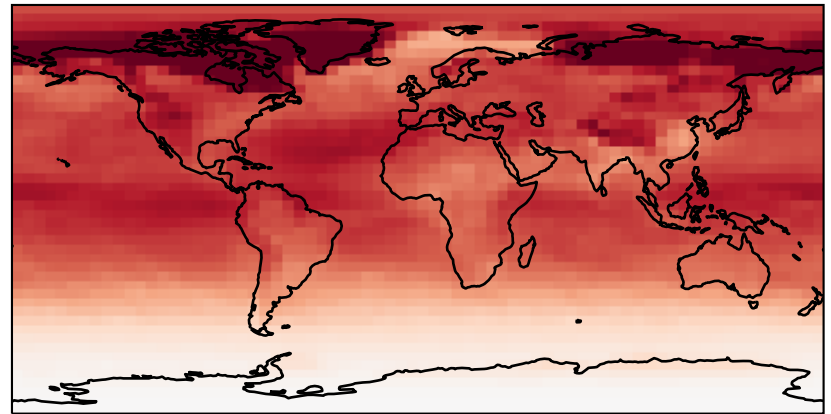
GCC\_13.0.0 (Dev)  
4.0x5.0



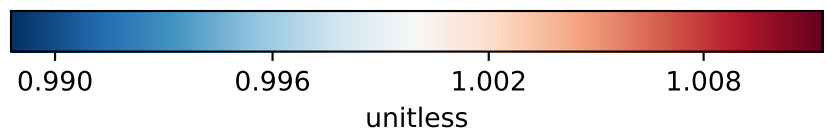
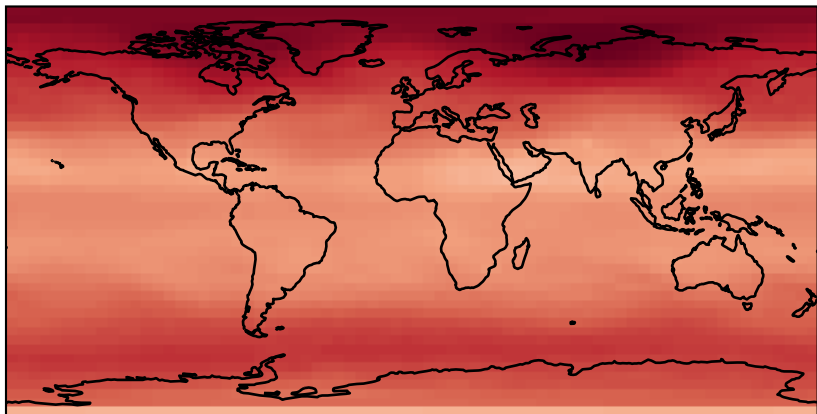
Difference  
Dev - Ref, Dynamic Range



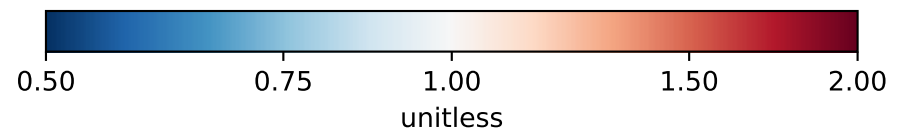
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

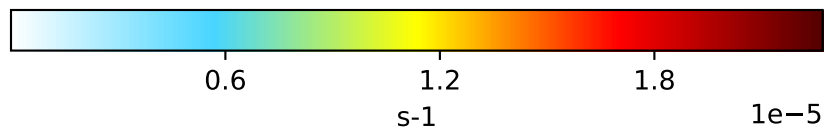
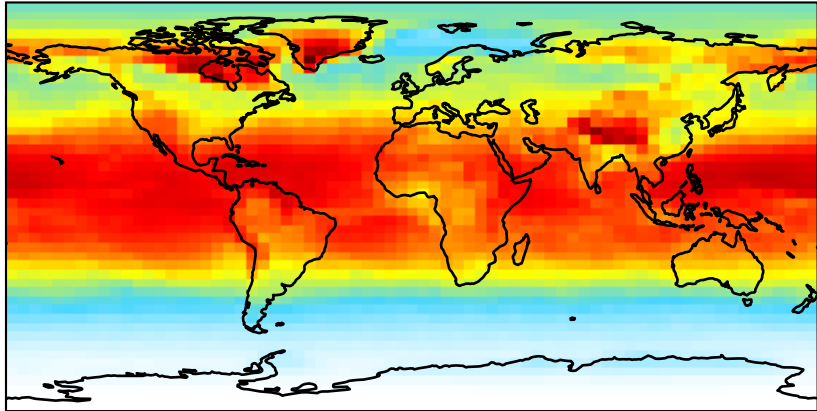


Ratio  
Dev/Ref, Fixed Range

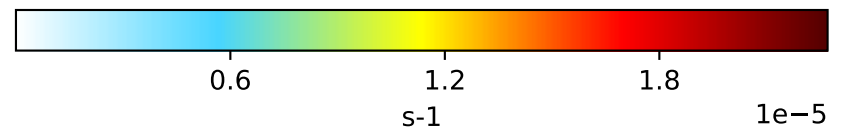
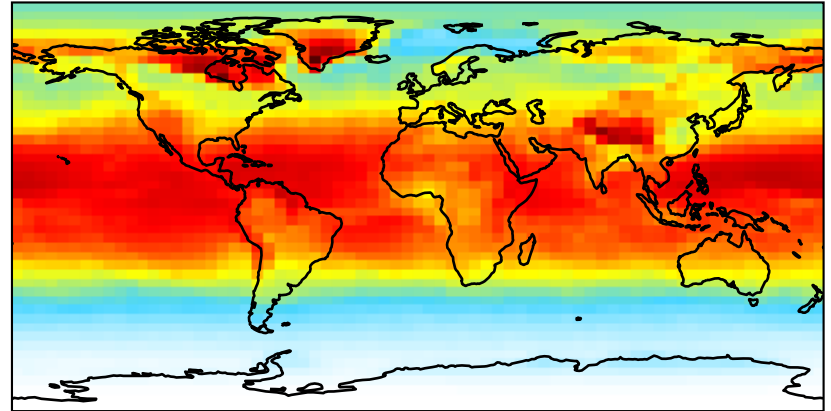


# Jval\_HPALD4 (Apr2019)

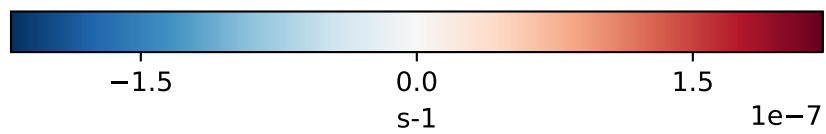
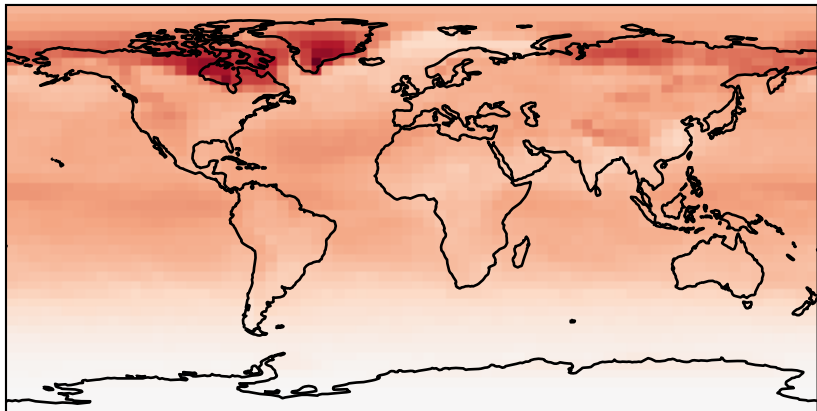
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



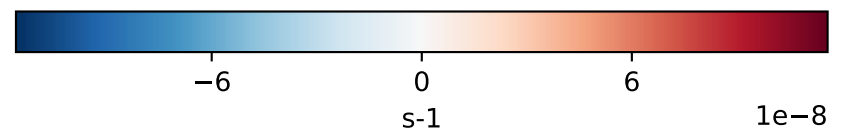
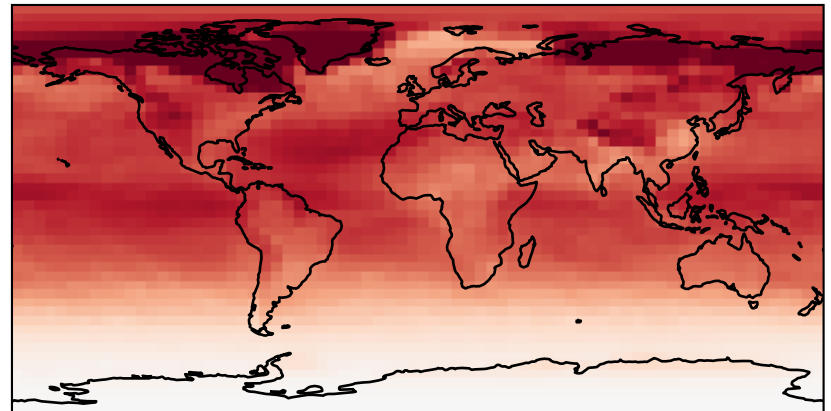
GCC\_13.0.0 (Dev)  
4.0x5.0



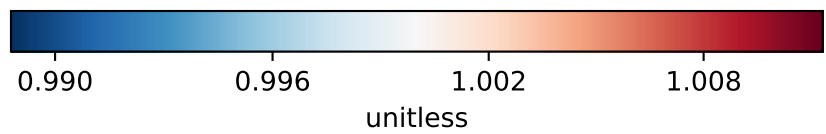
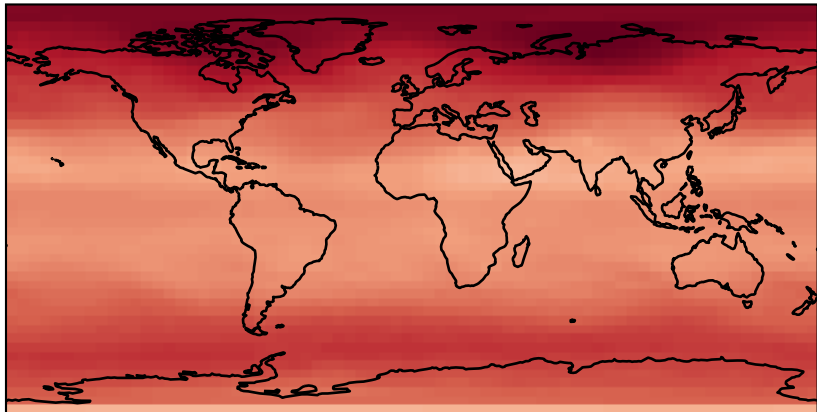
Difference  
Dev - Ref, Dynamic Range



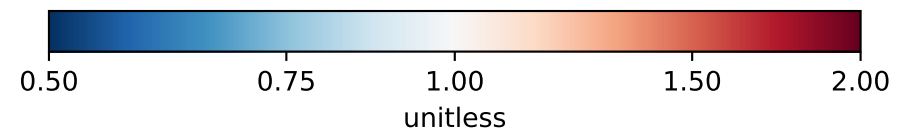
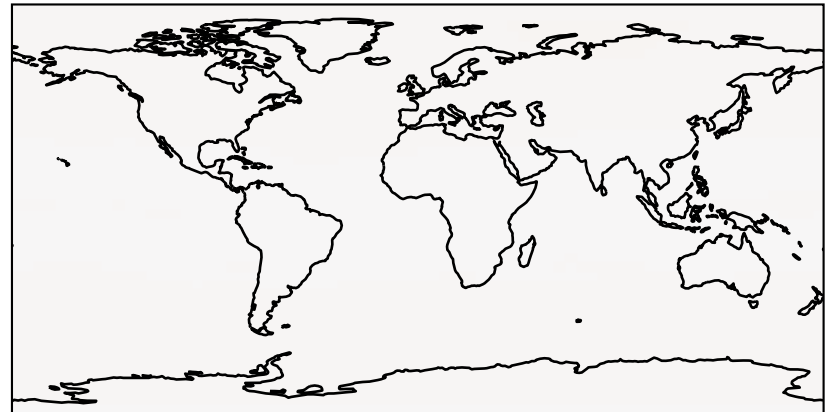
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

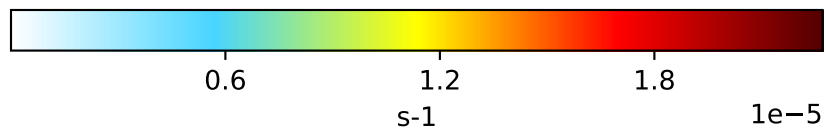
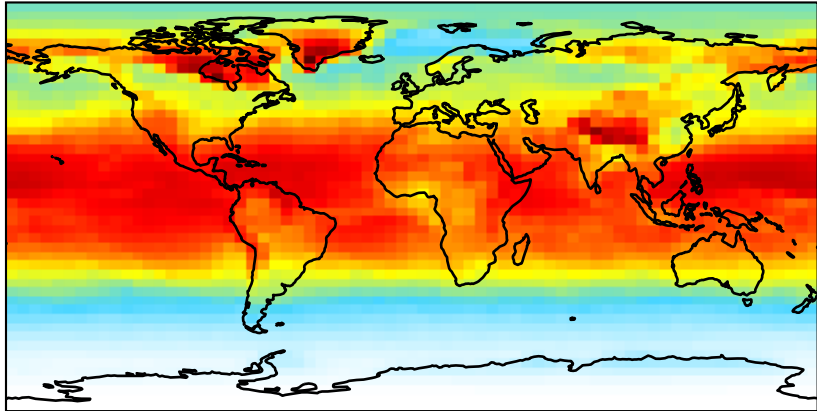


Ratio  
Dev/Ref, Fixed Range

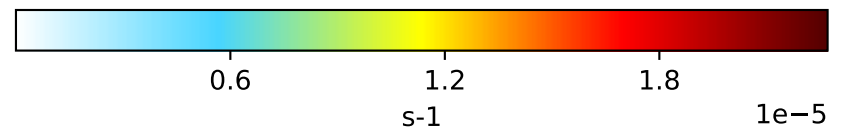
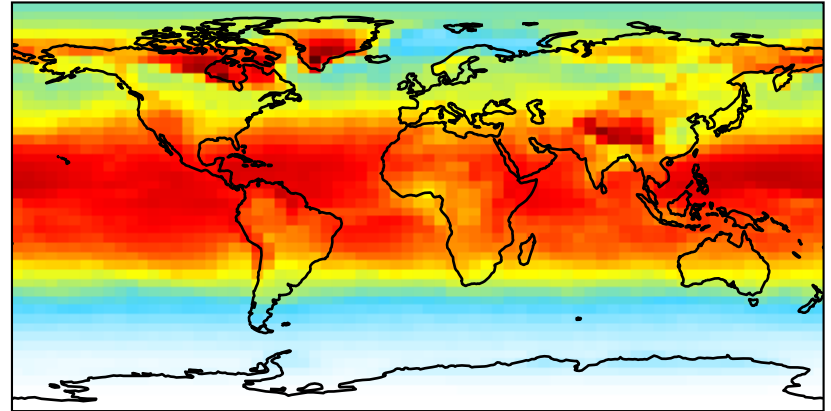


# Jval\_HPETHNL (Apr2019)

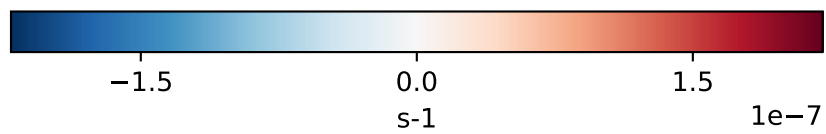
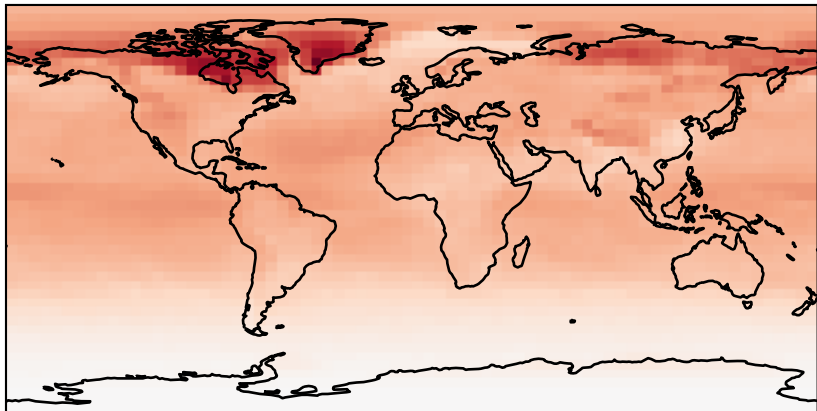
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



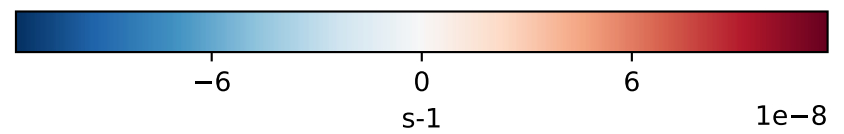
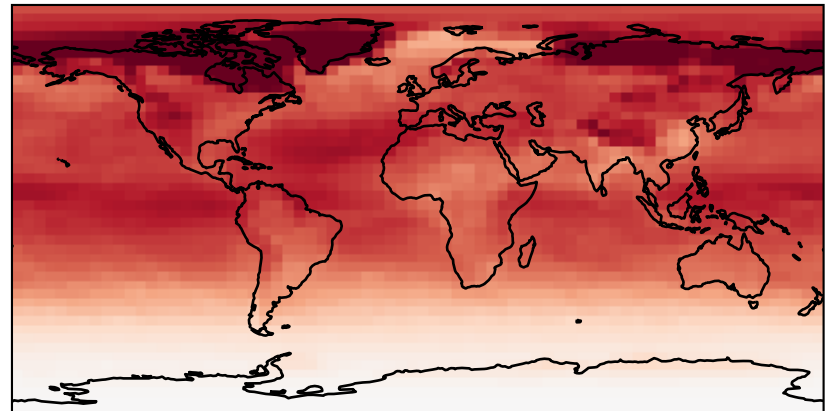
GCC\_13.0.0 (Dev)  
4.0x5.0



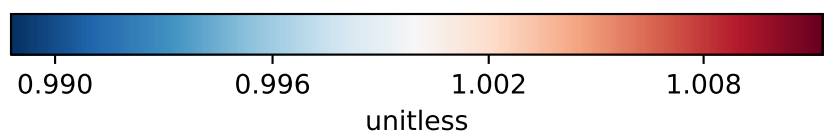
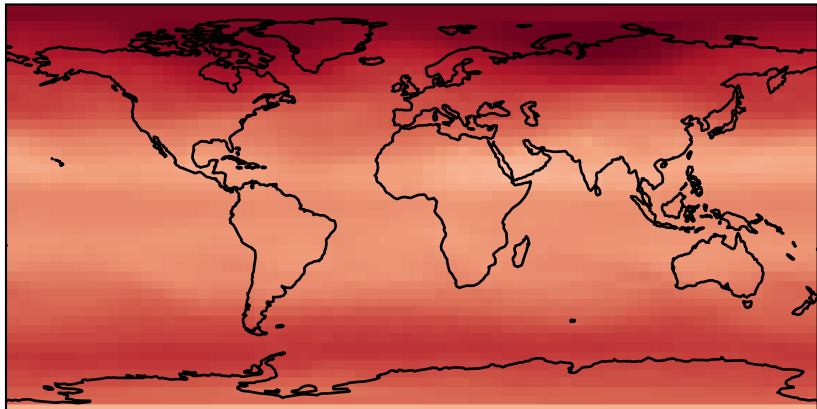
Difference  
Dev - Ref, Dynamic Range



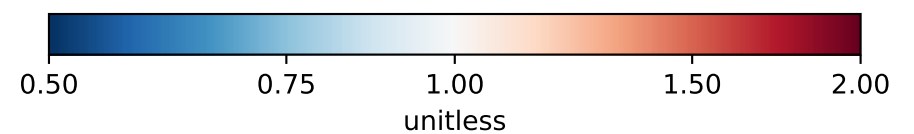
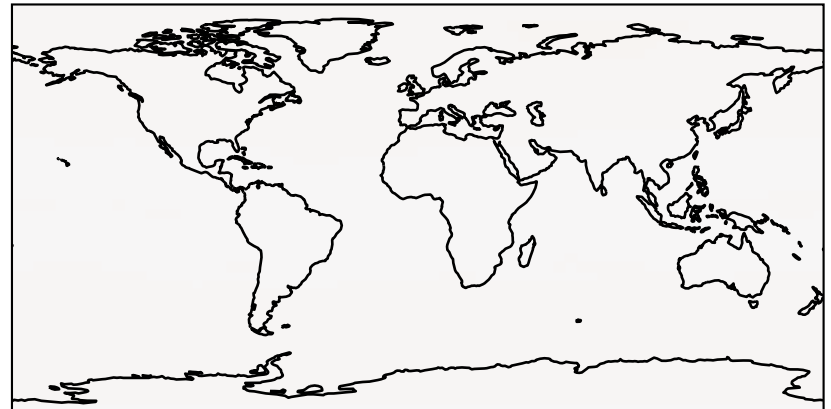
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



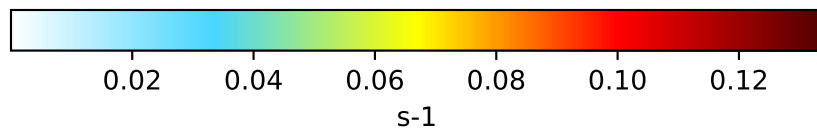
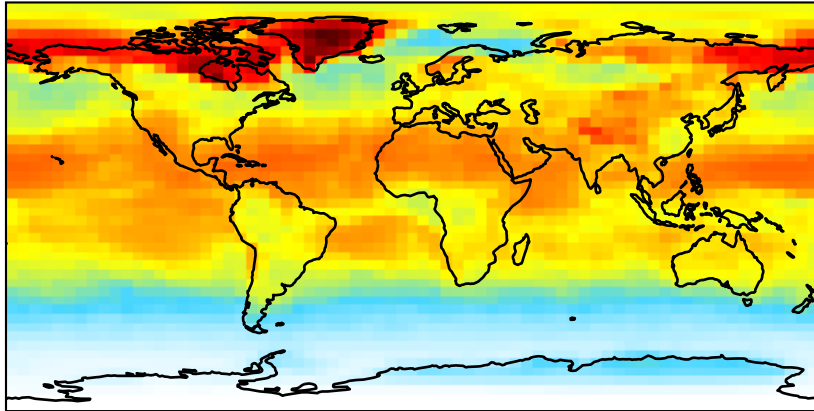
Ratio  
Dev/Ref, Fixed Range



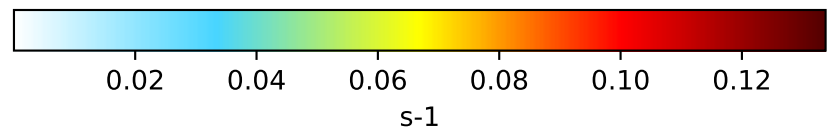
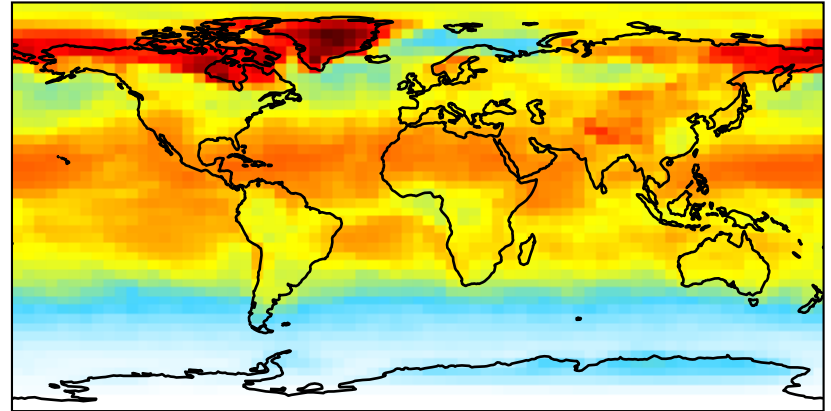


# Jval\_I2 (Apr2019)

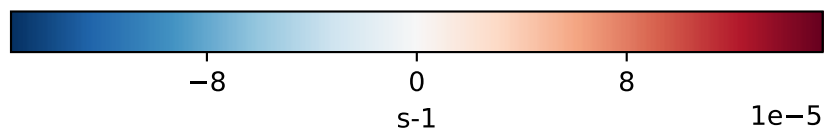
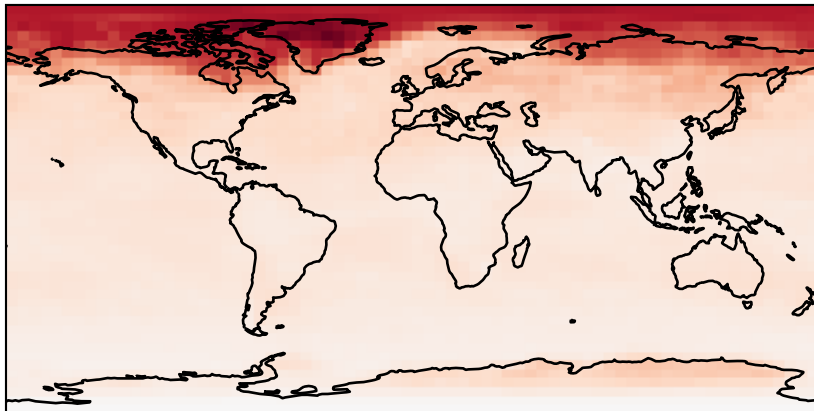
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



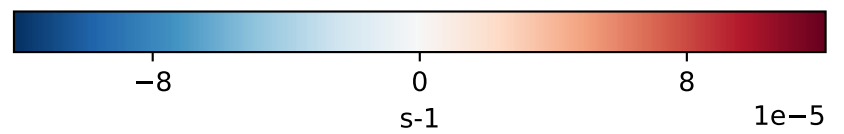
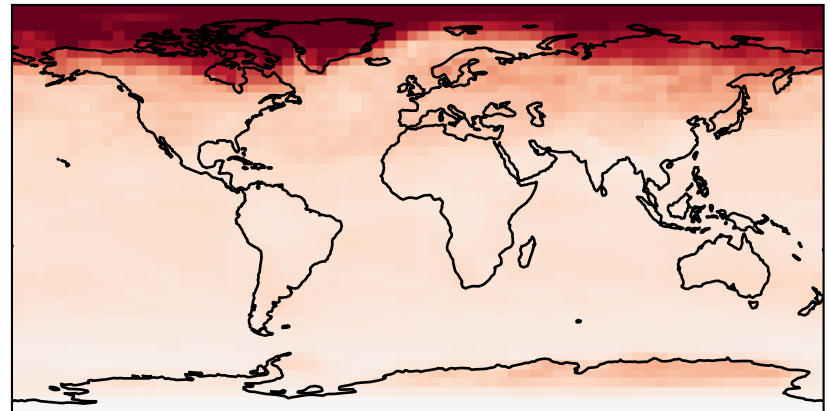
GCC\_13.0.0 (Dev)  
4.0x5.0



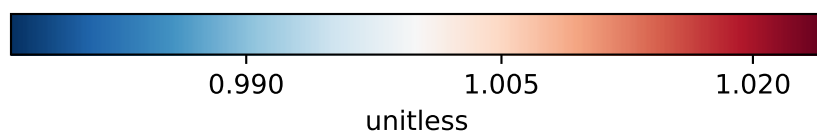
Difference  
Dev - Ref, Dynamic Range



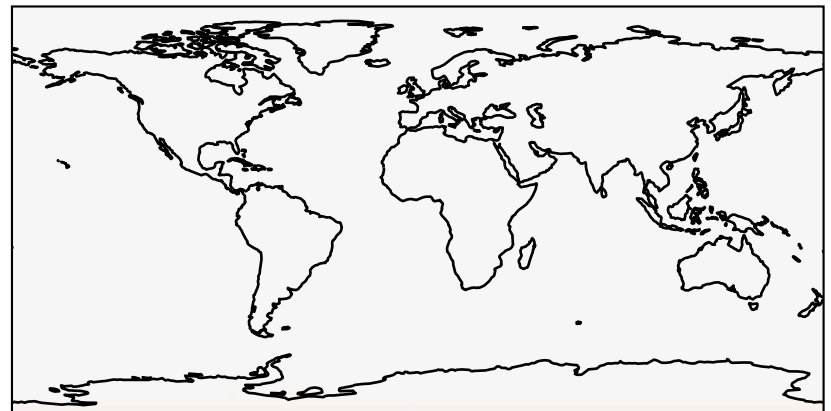
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

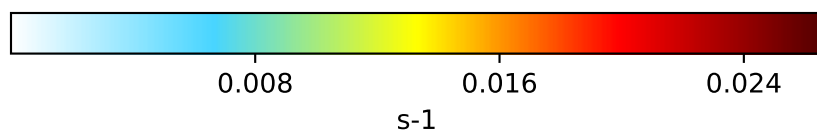
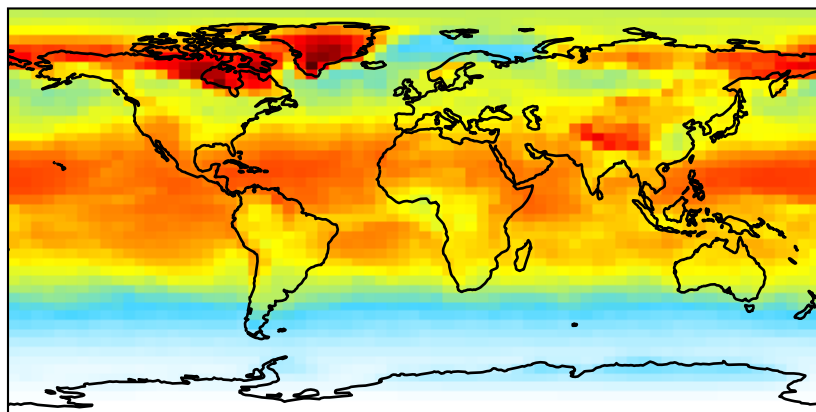


Ratio  
Dev/Ref, Fixed Range

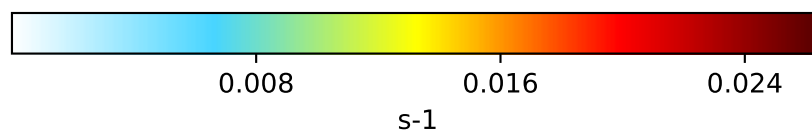
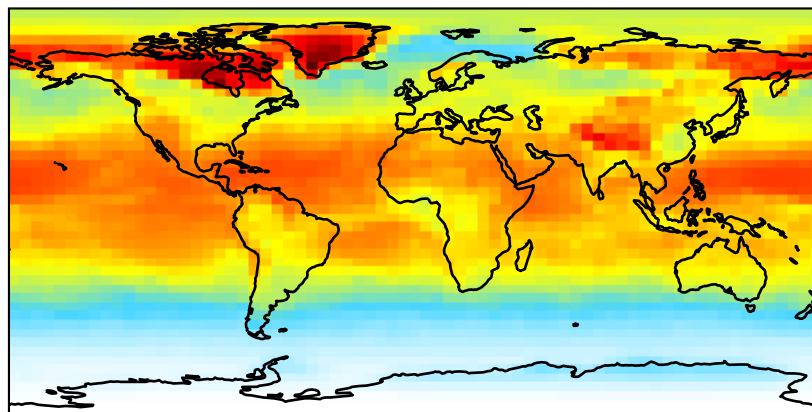


# Jval\_I202 (Apr2019)

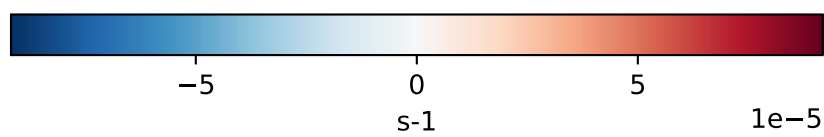
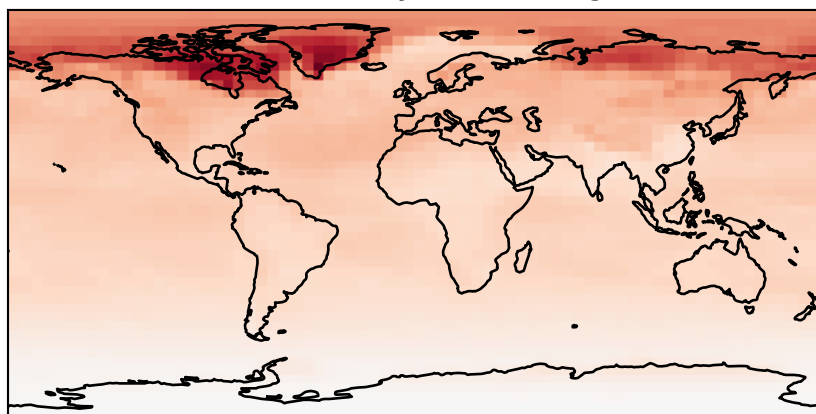
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



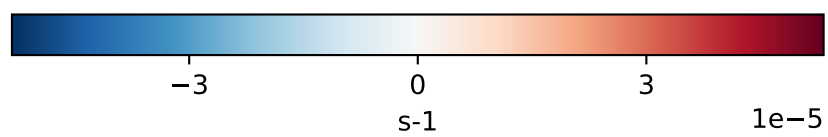
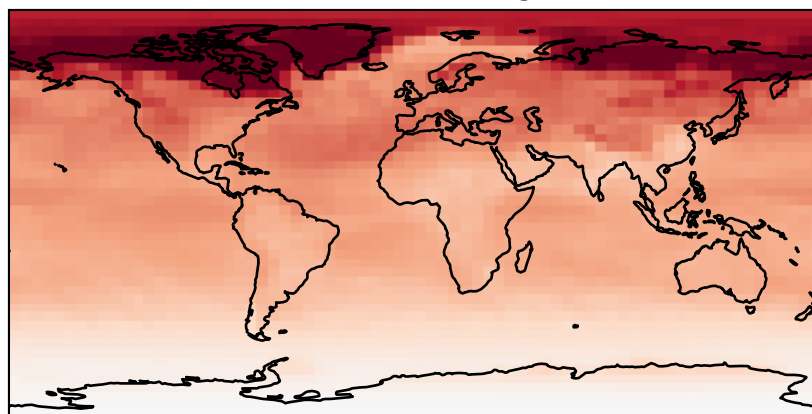
GCC\_13.0.0 (Dev)  
4.0x5.0



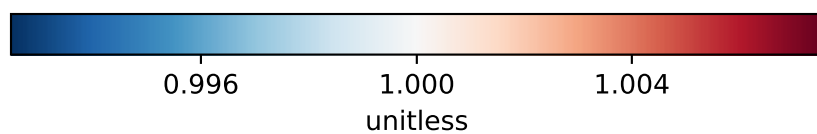
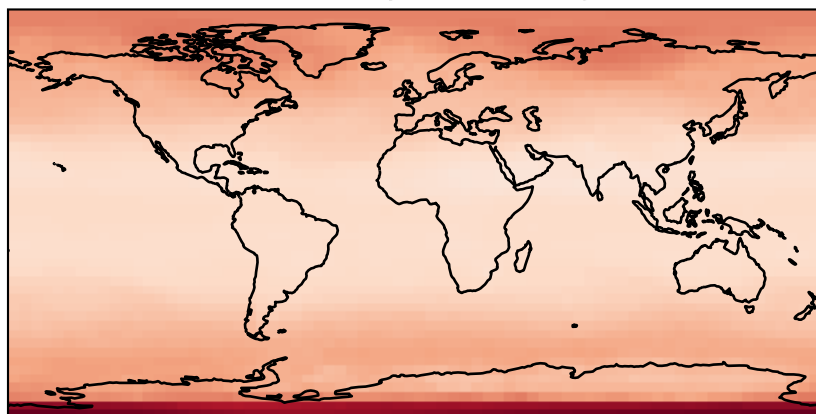
Difference  
Dev - Ref, Dynamic Range



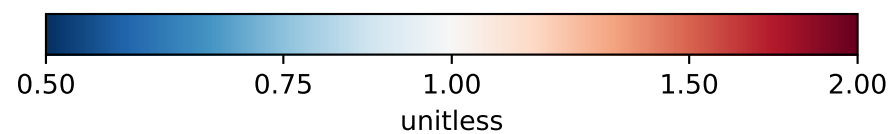
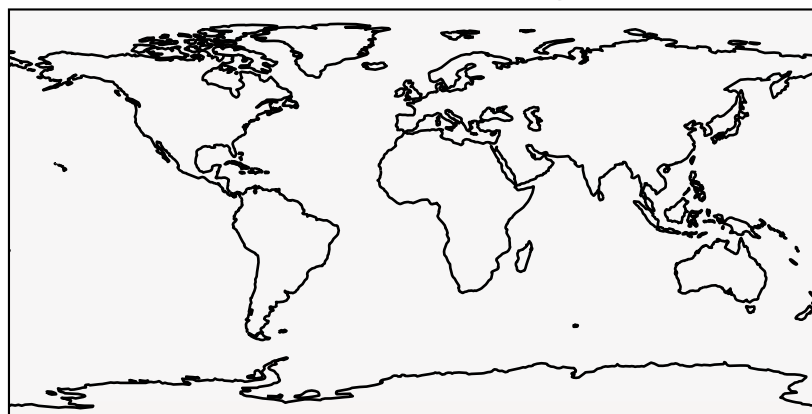
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

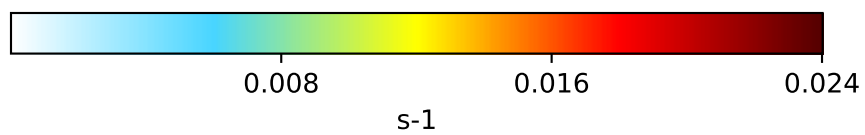
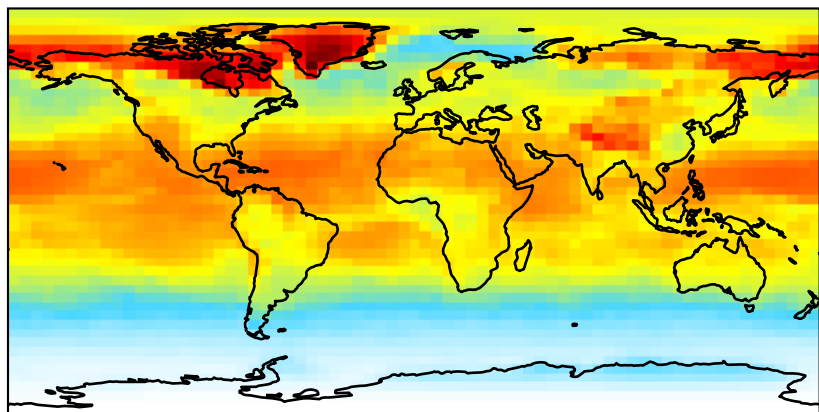


Ratio  
Dev/Ref, Fixed Range

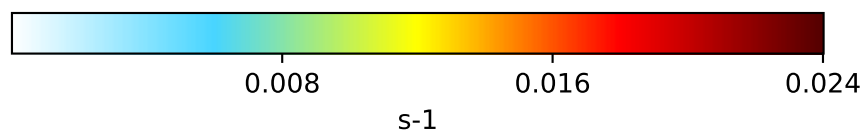
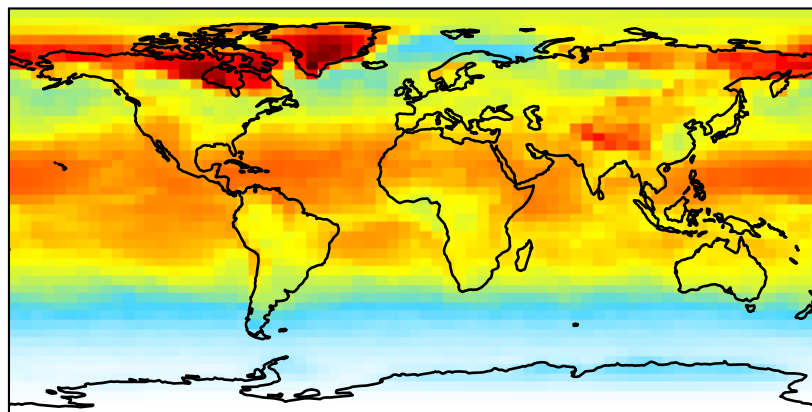


# Jval\_I203 (Apr2019)

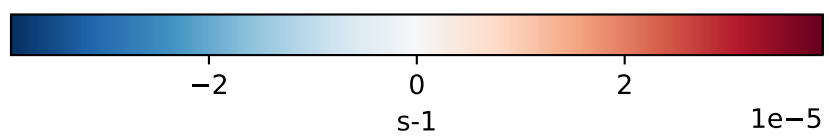
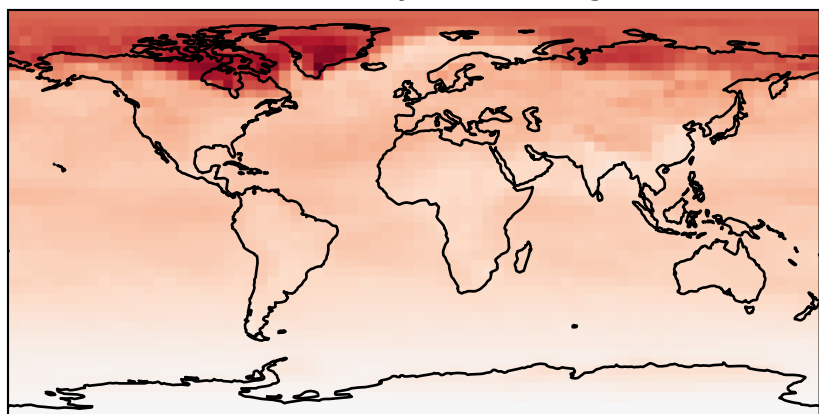
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



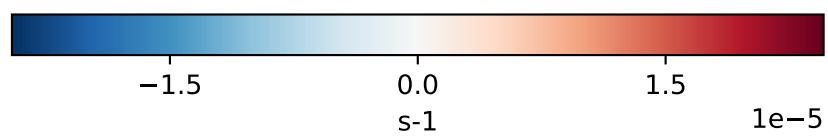
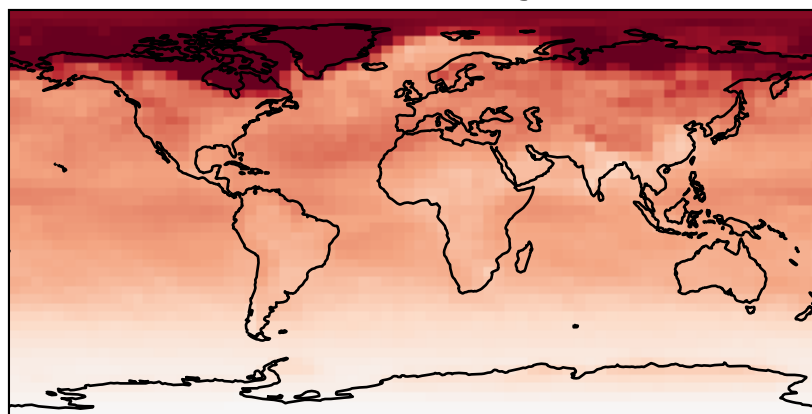
GCC\_13.0.0 (Dev)  
4.0x5.0



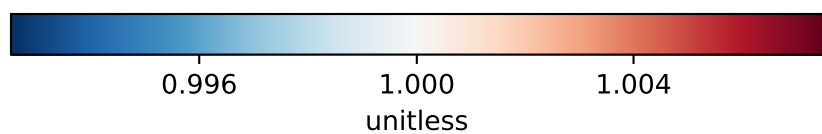
Difference  
Dev - Ref, Dynamic Range



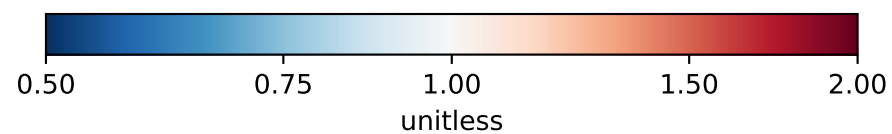
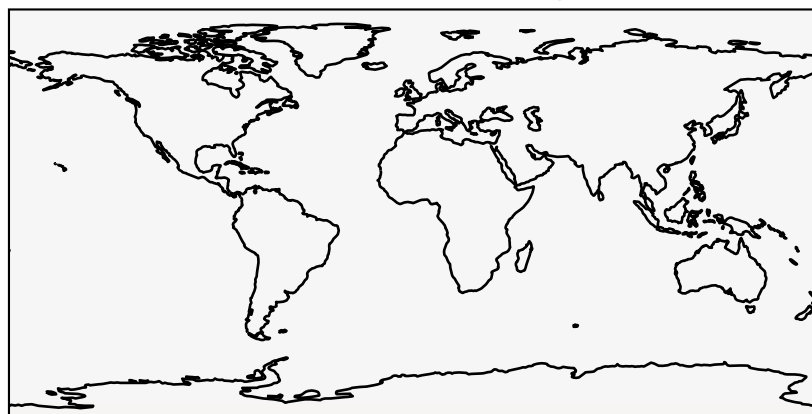
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

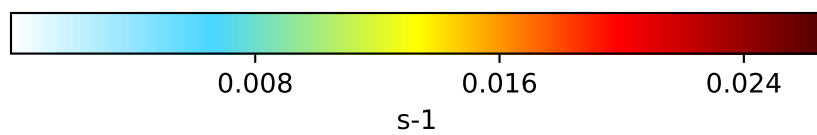
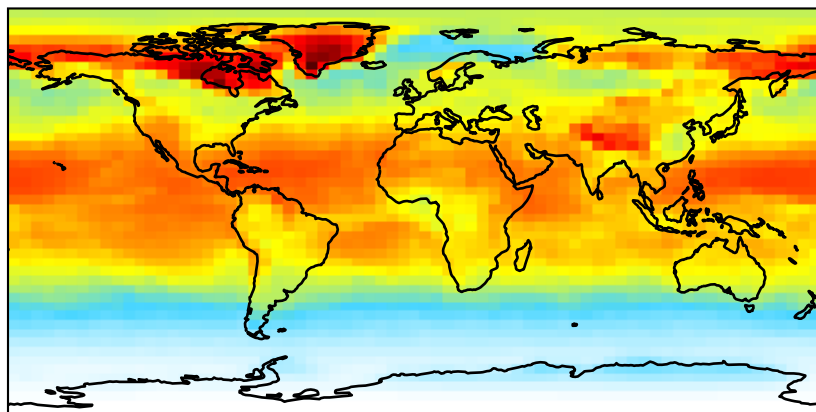


Ratio  
Dev/Ref, Fixed Range

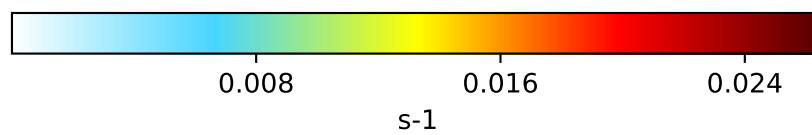
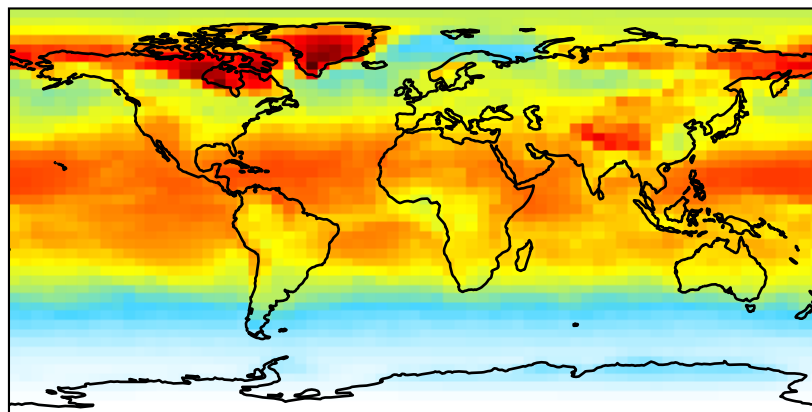


# Jval\_I204 (Apr2019)

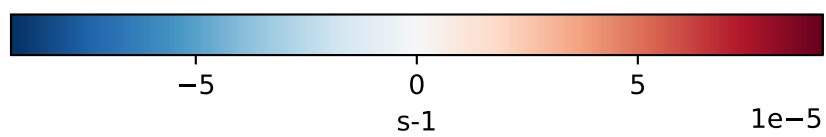
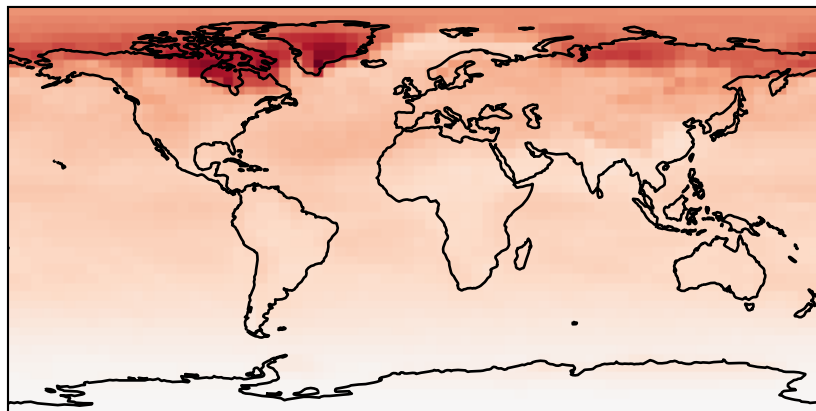
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



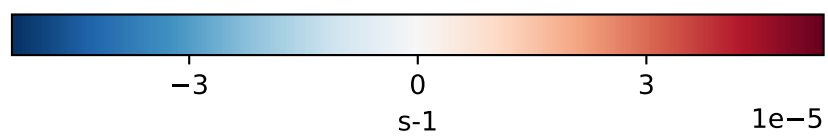
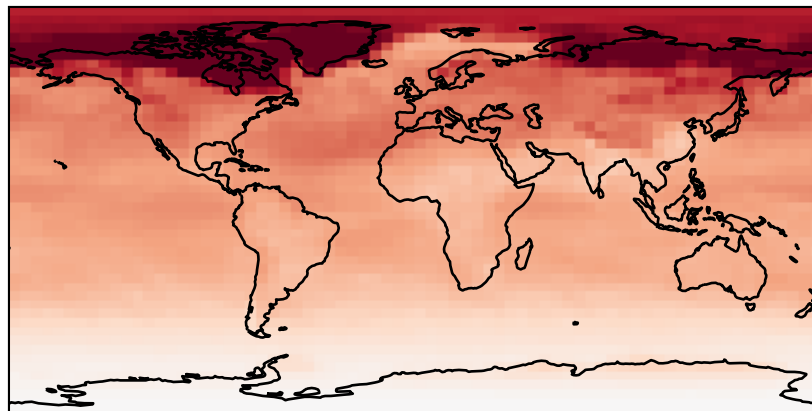
GCC\_13.0.0 (Dev)  
4.0x5.0



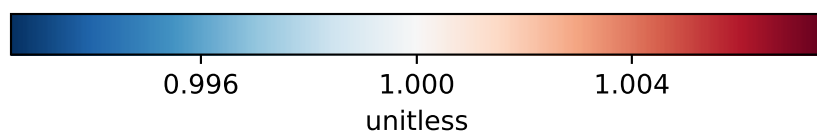
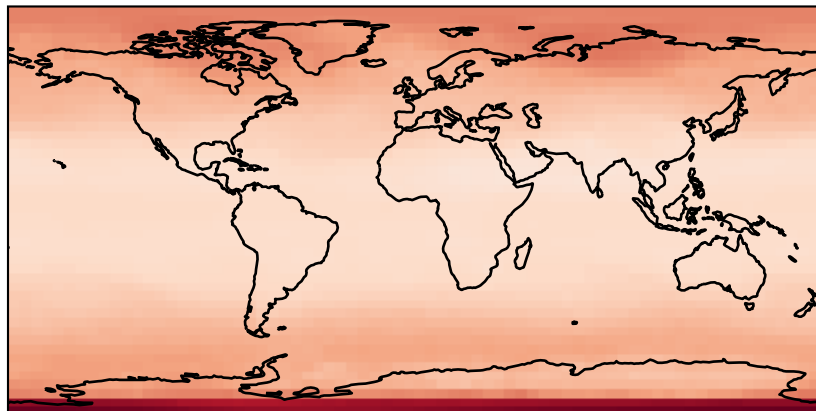
Difference  
Dev - Ref, Dynamic Range



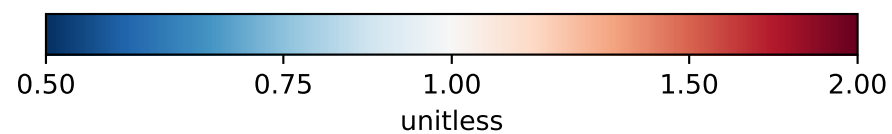
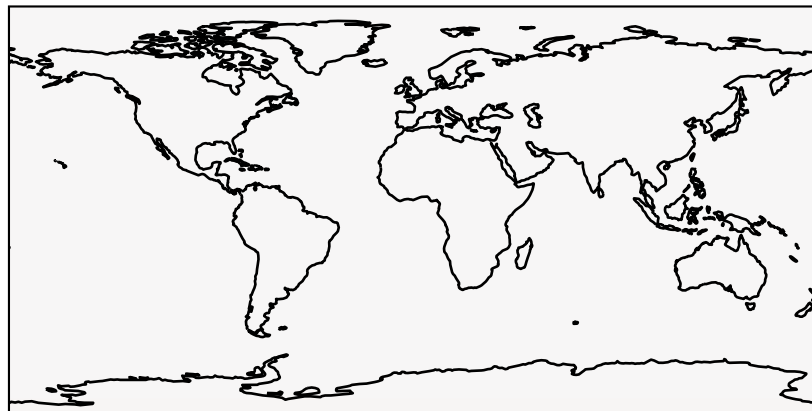
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

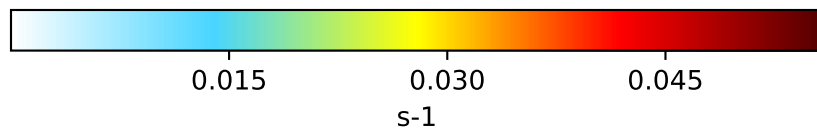
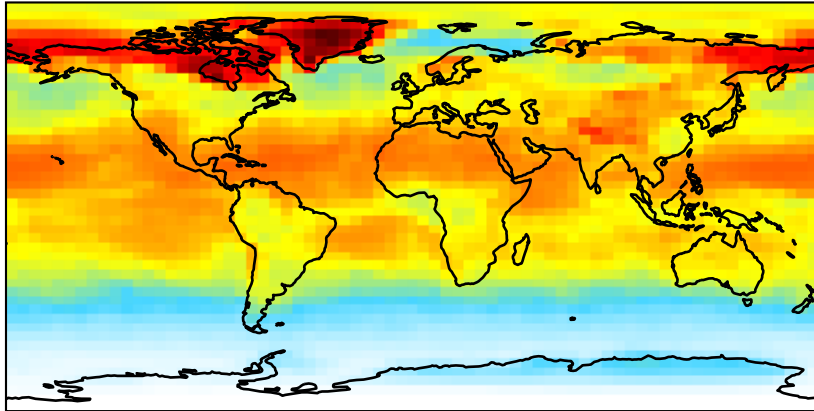


Ratio  
Dev/Ref, Fixed Range

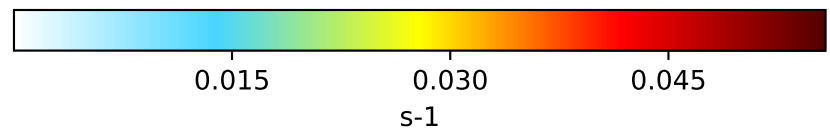
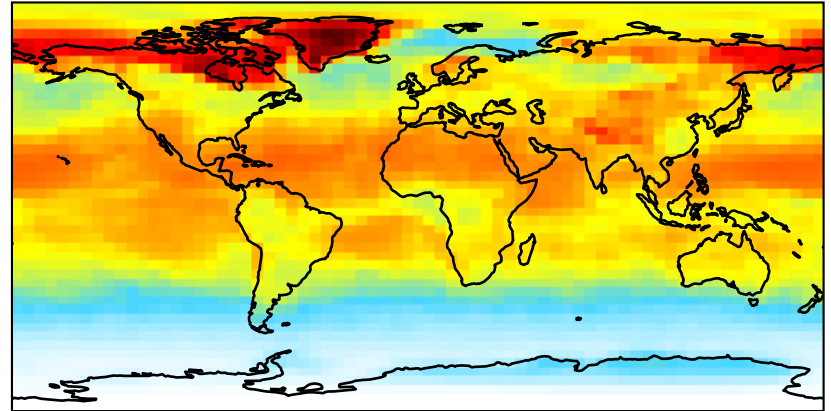


# Jval\_IBr (Apr2019)

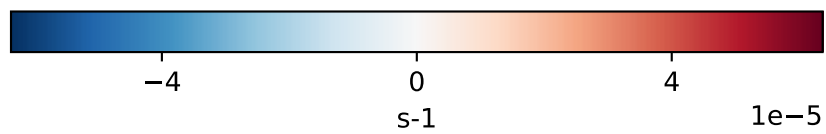
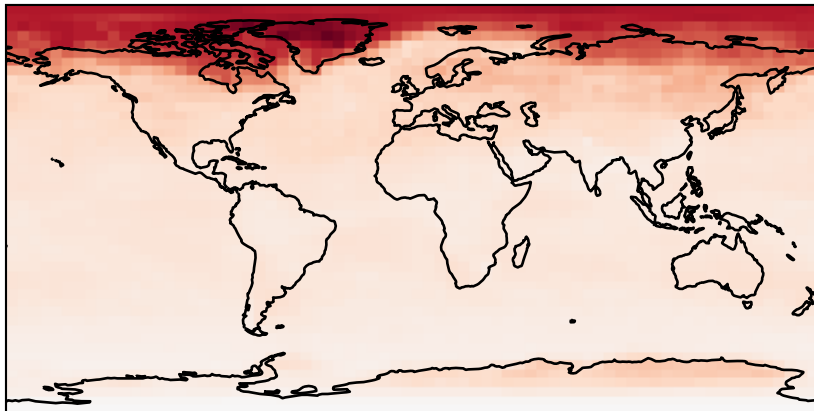
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



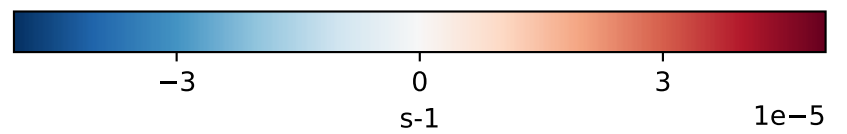
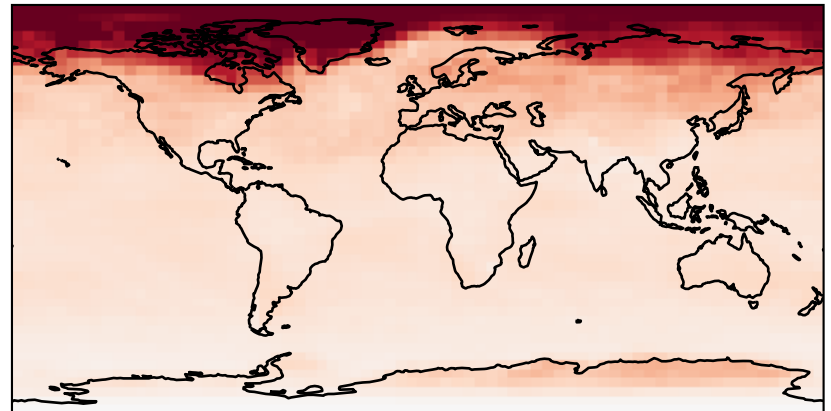
GCC\_13.0.0 (Dev)  
4.0x5.0



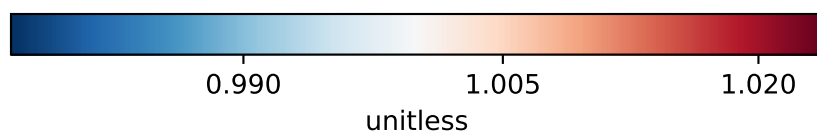
Difference  
Dev - Ref, Dynamic Range



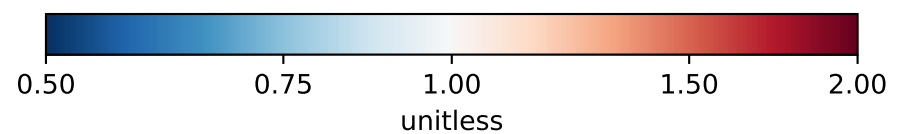
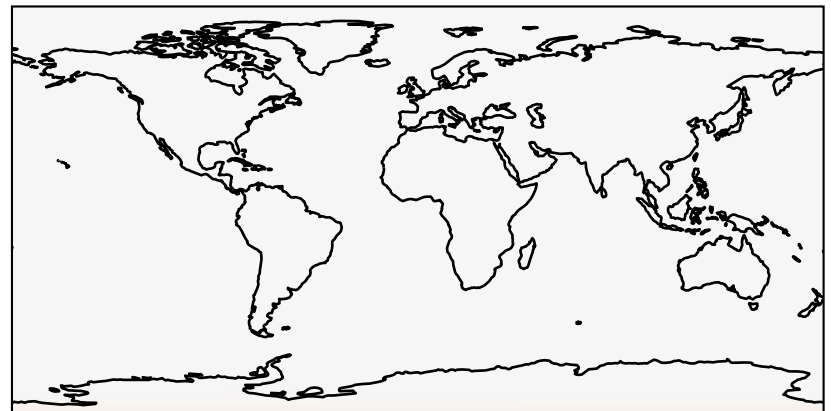
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



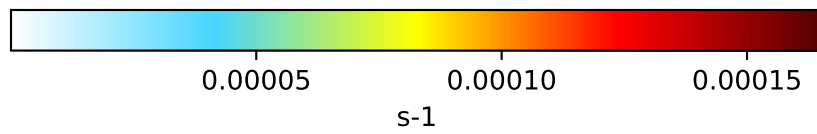
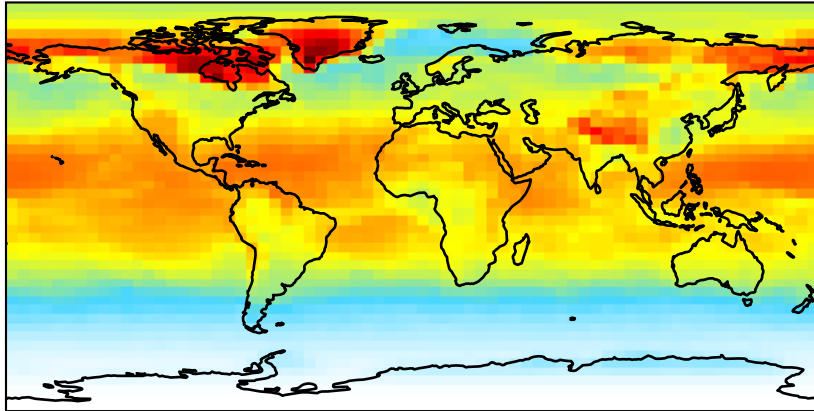
Ratio  
Dev/Ref, Fixed Range



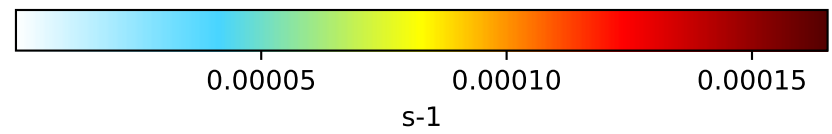
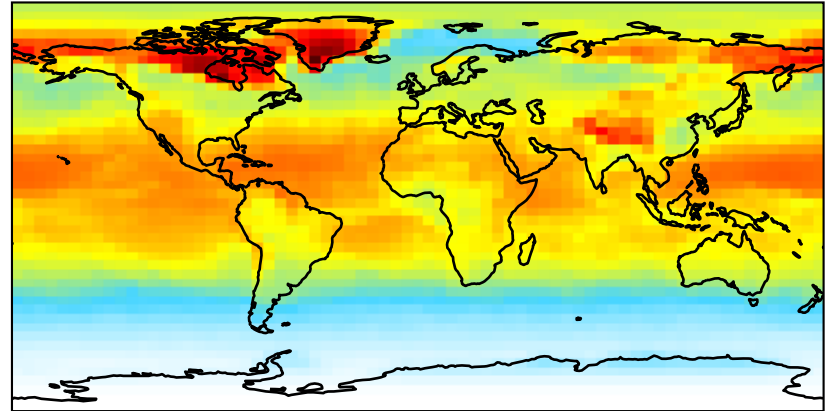


# Jval\_ICN (Apr2019)

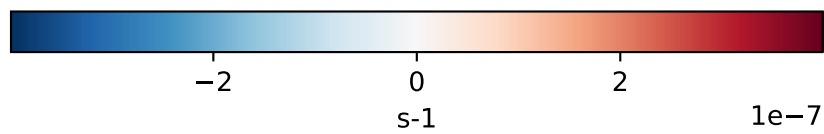
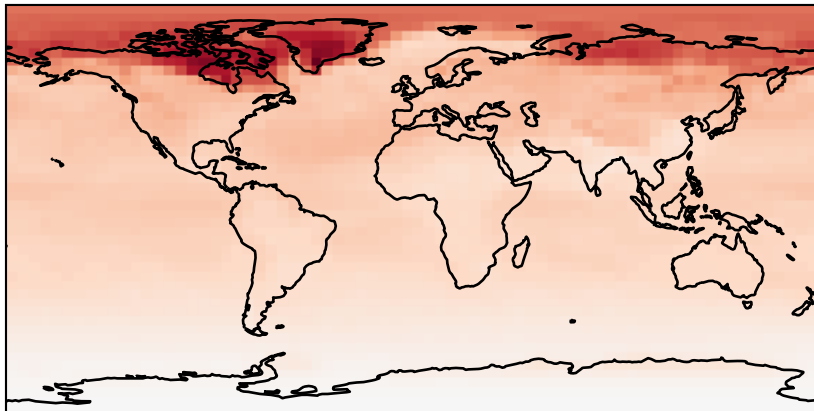
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



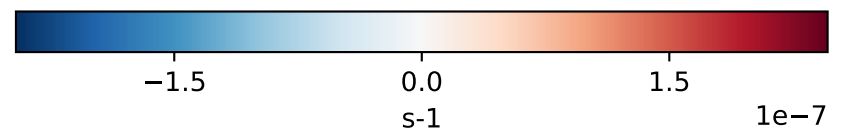
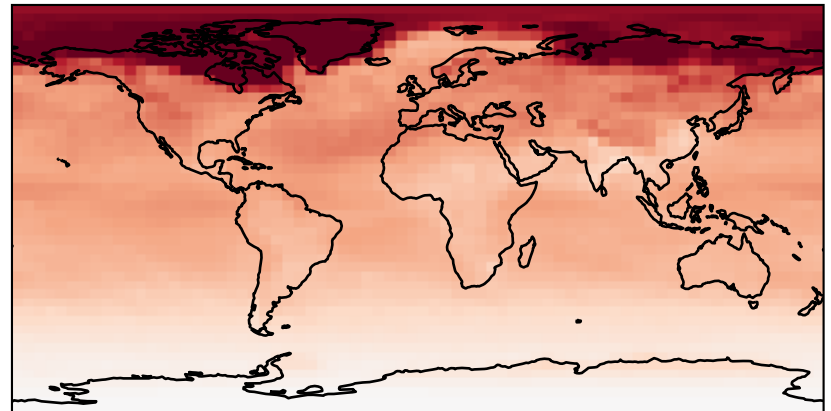
GCC\_13.0.0 (Dev)  
4.0x5.0



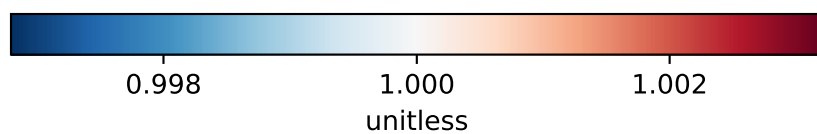
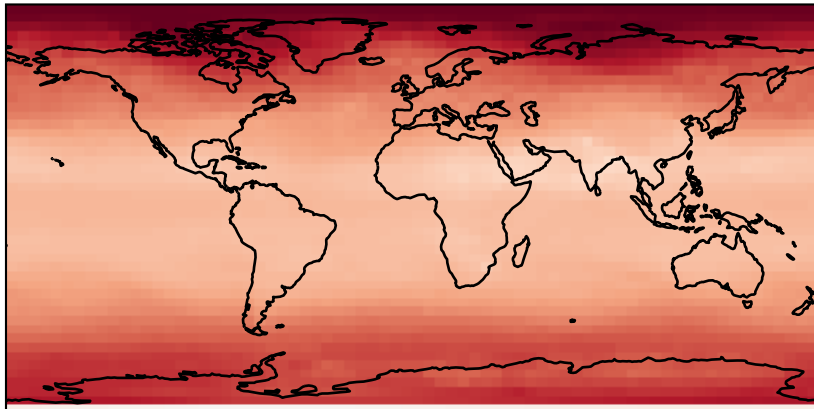
Difference  
Dev - Ref, Dynamic Range



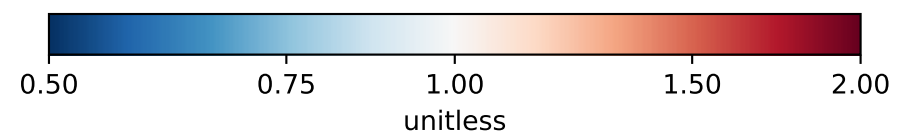
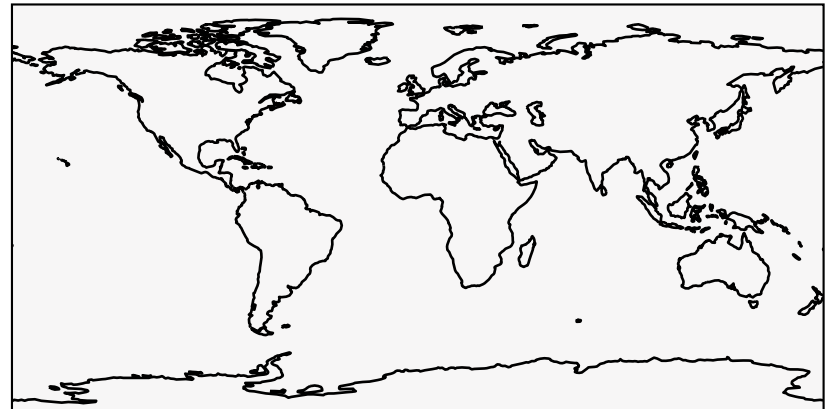
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

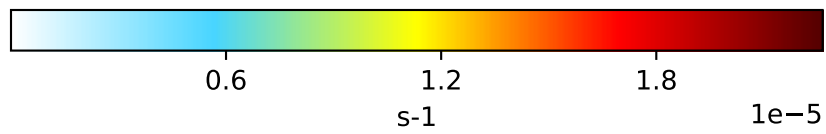
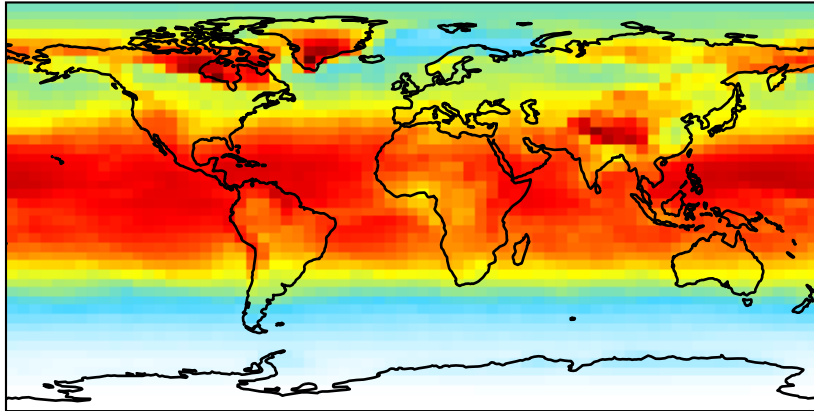


Ratio  
Dev/Ref, Fixed Range

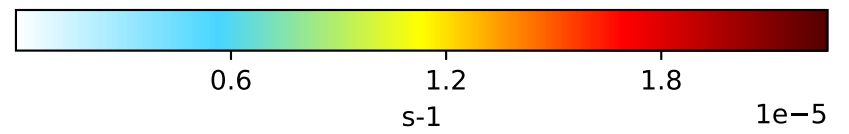
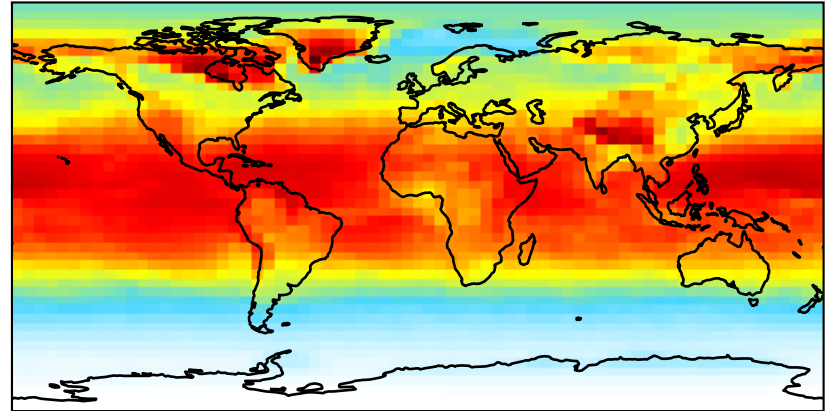


# Jval\_ICPDH (Apr2019)

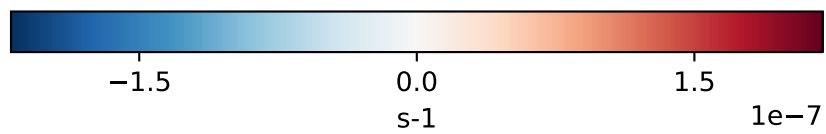
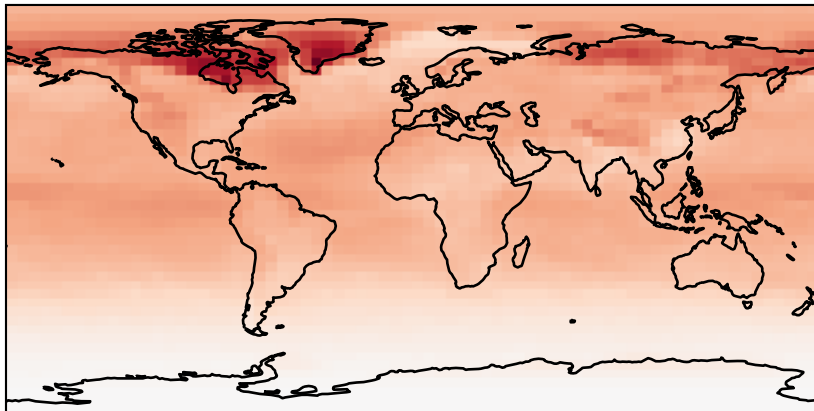
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



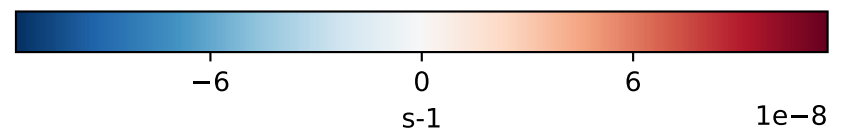
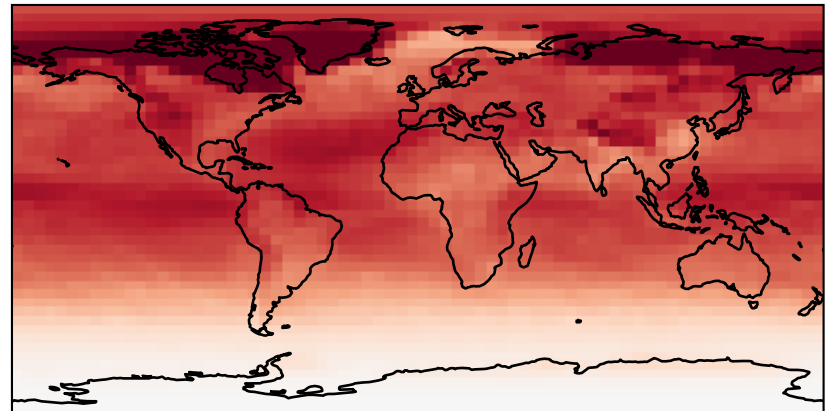
GCC\_13.0.0 (Dev)  
4.0x5.0



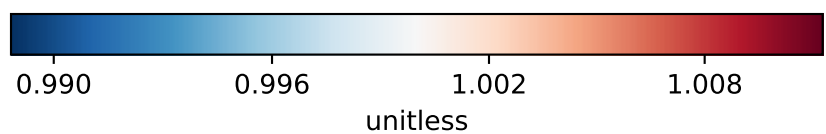
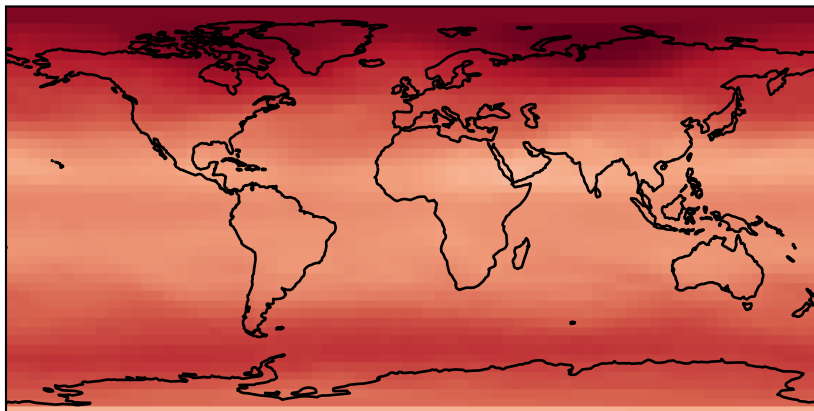
Difference  
Dev - Ref, Dynamic Range



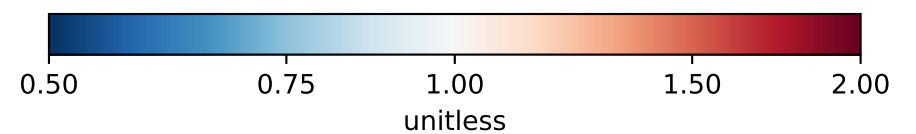
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

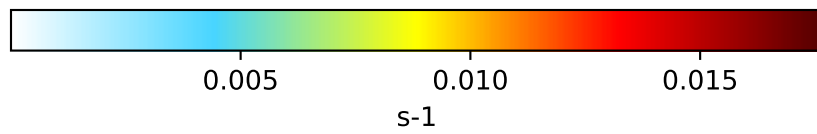
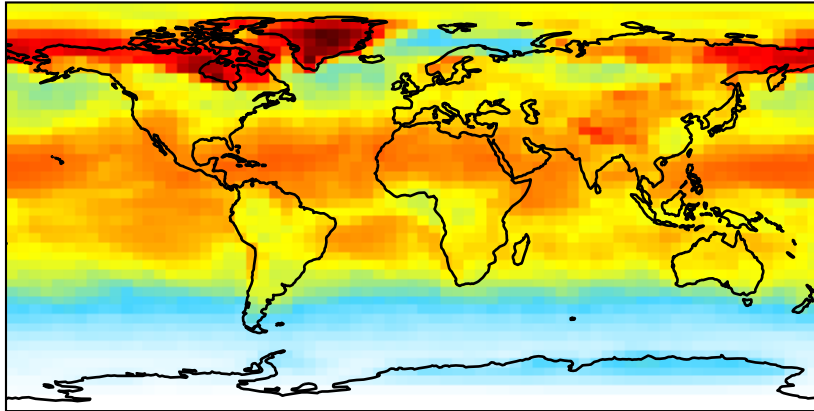


Ratio  
Dev/Ref, Fixed Range

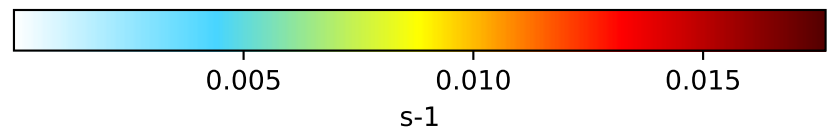
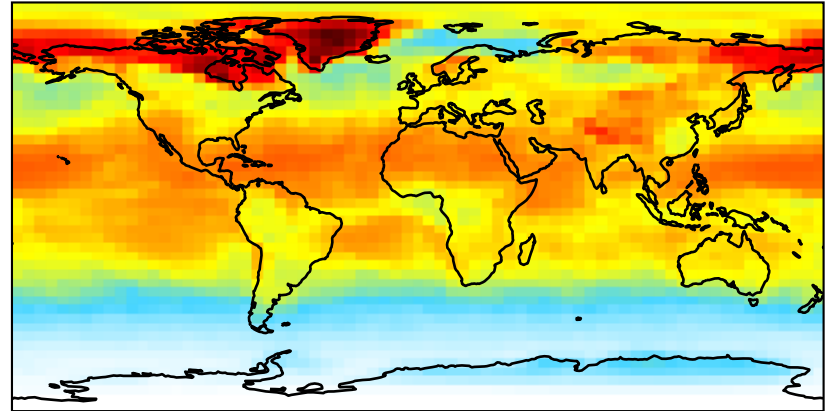


# Jval\_ICI (Apr2019)

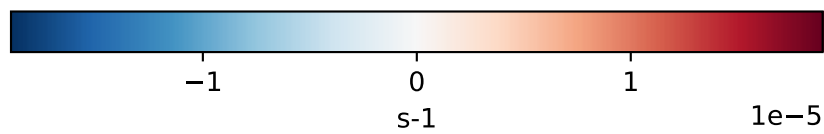
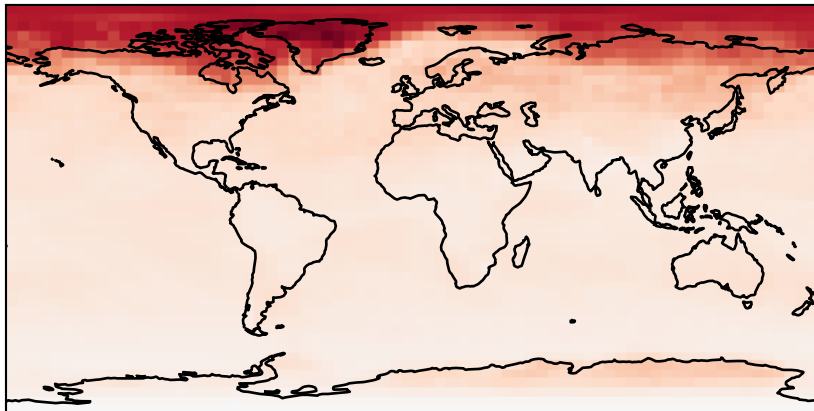
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



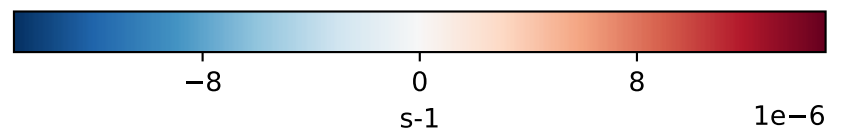
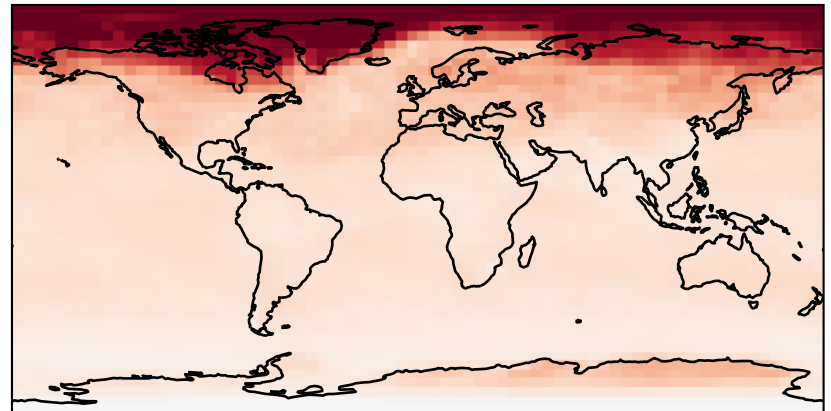
GCC\_13.0.0 (Dev)  
4.0x5.0



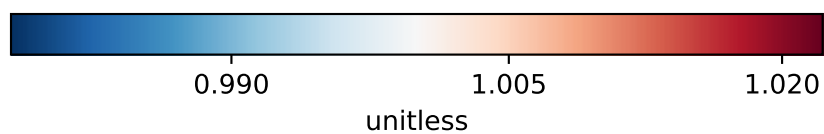
Difference  
Dev - Ref, Dynamic Range



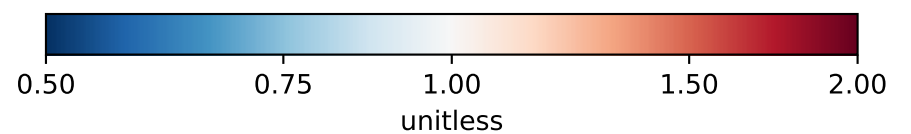
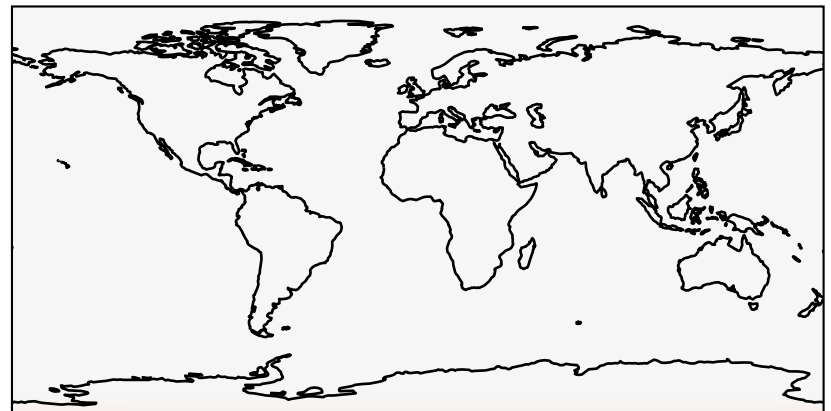
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

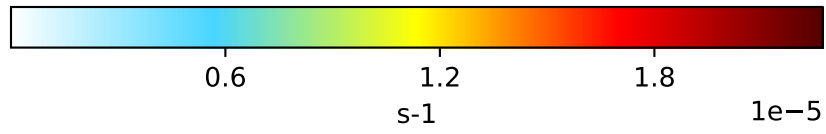
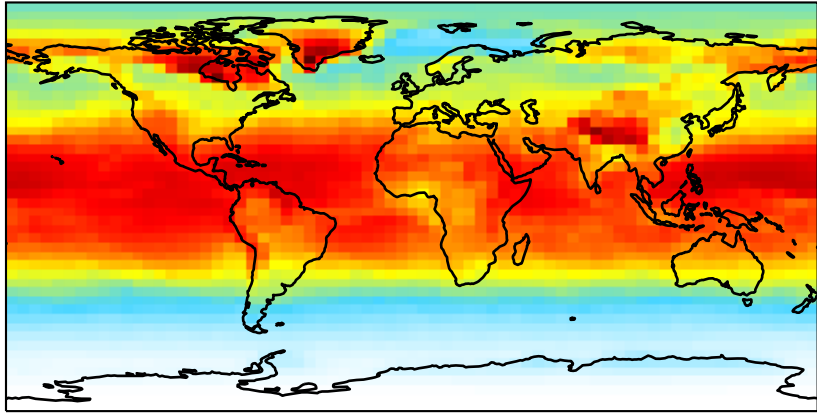


Ratio  
Dev/Ref, Fixed Range

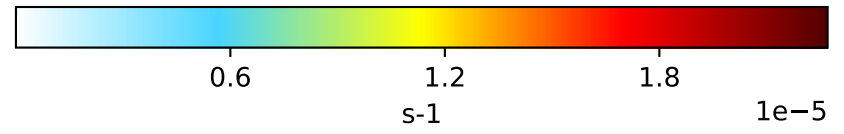
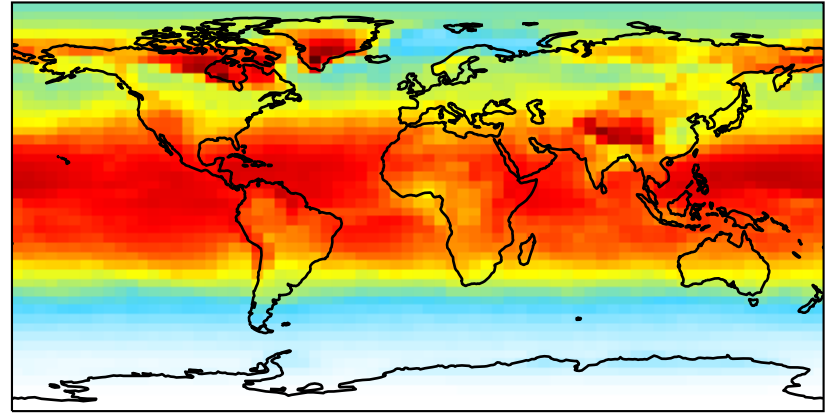


# Jval\_IDCHP (Apr2019)

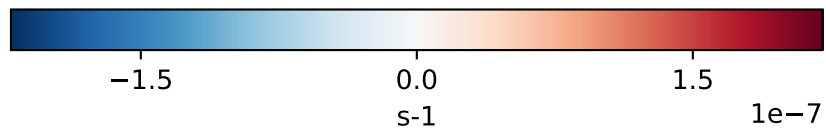
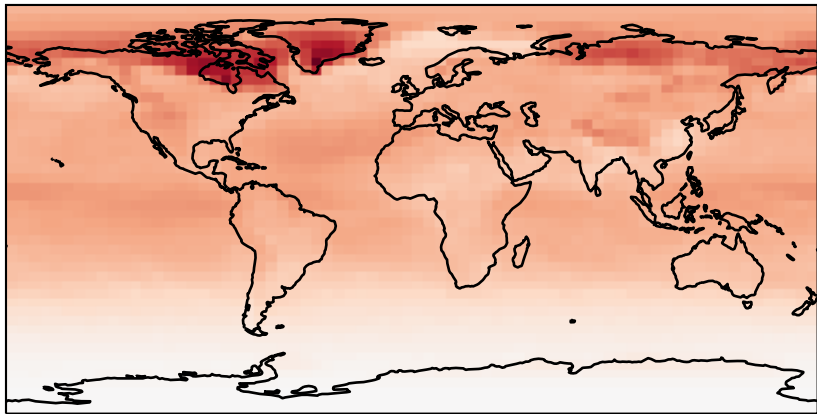
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



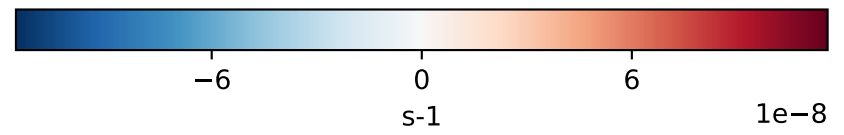
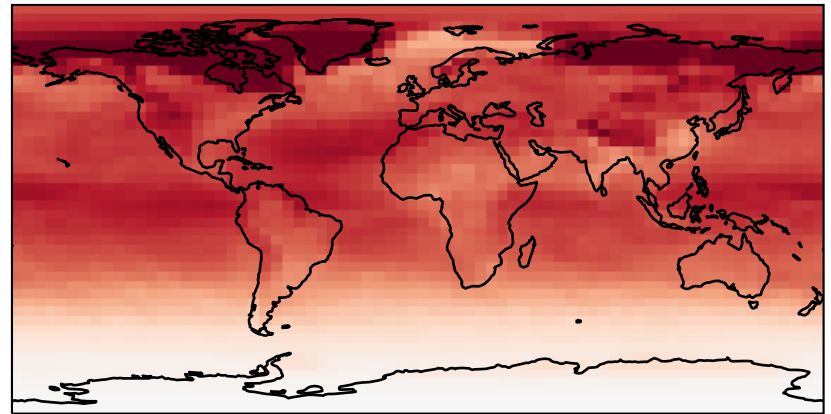
GCC\_13.0.0 (Dev)  
4.0x5.0



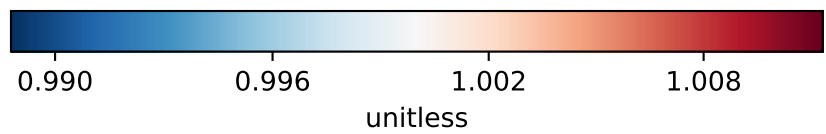
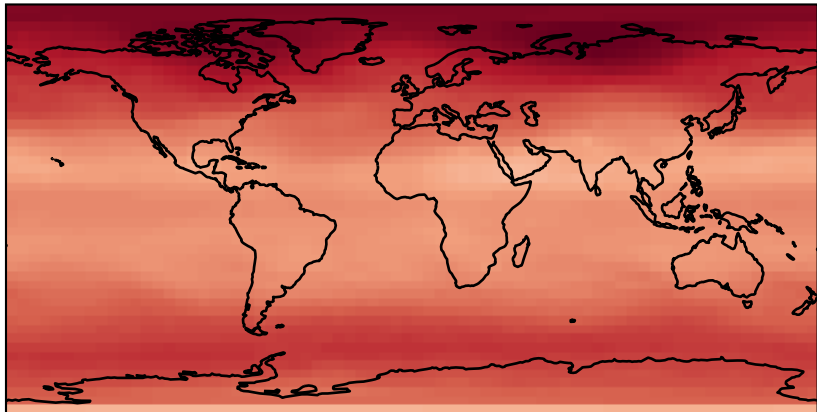
Difference  
Dev - Ref, Dynamic Range



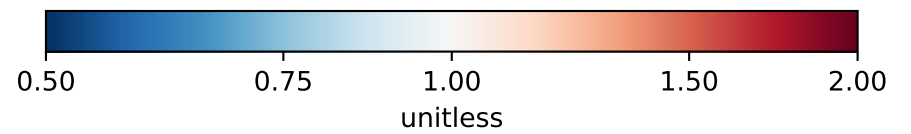
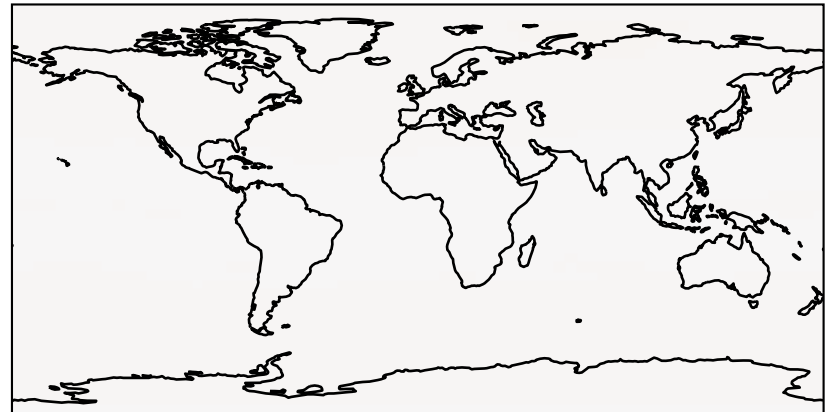
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

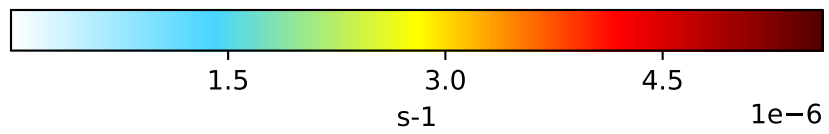
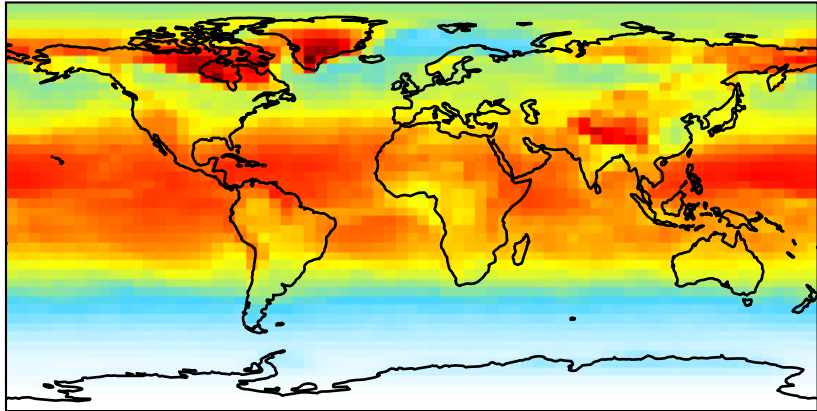


Ratio  
Dev/Ref, Fixed Range

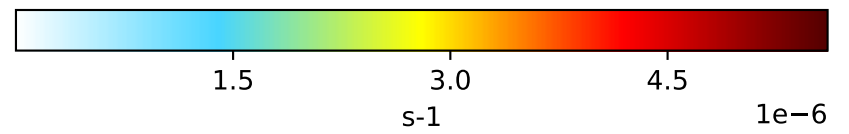
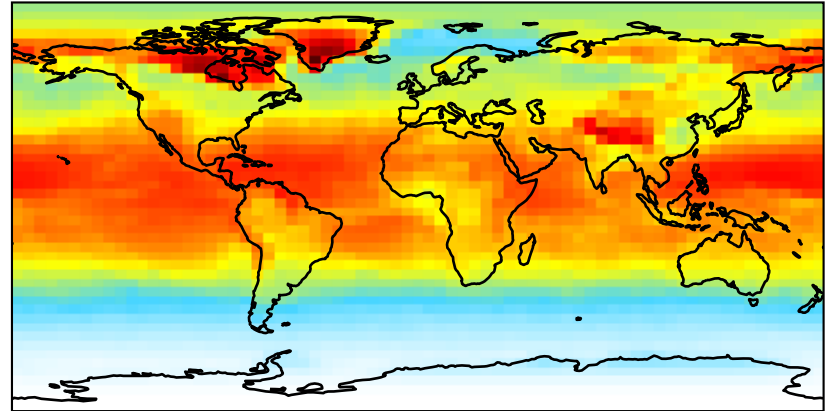


# Jval\_IDHDP (Apr2019)

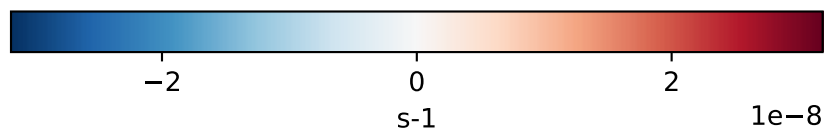
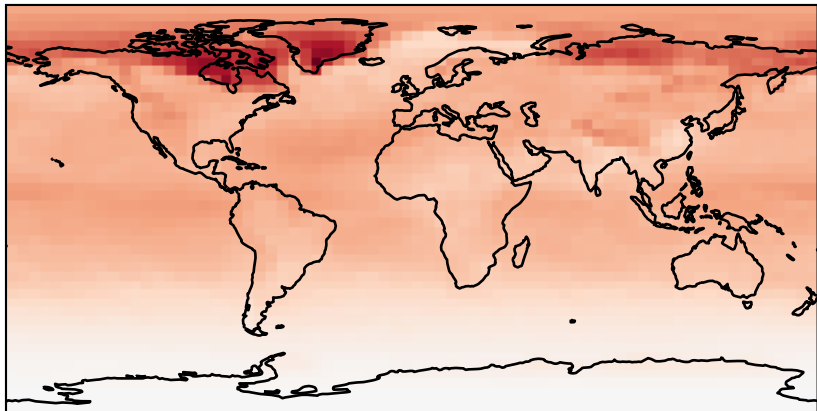
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



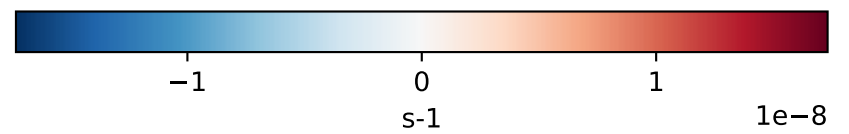
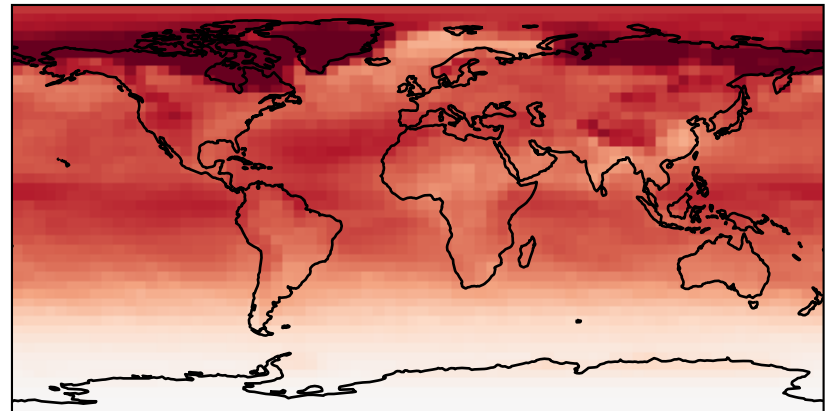
GCC\_13.0.0 (Dev)  
4.0x5.0



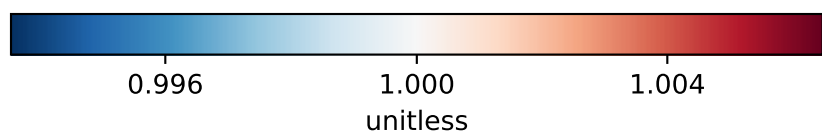
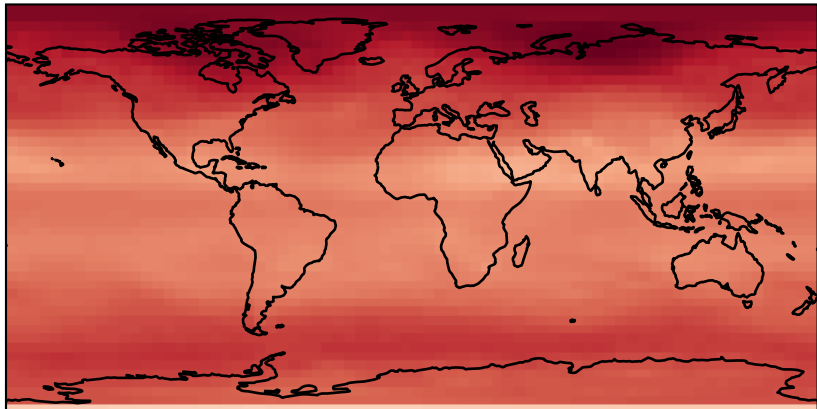
Difference  
Dev - Ref, Dynamic Range



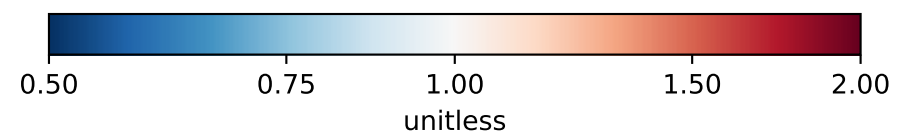
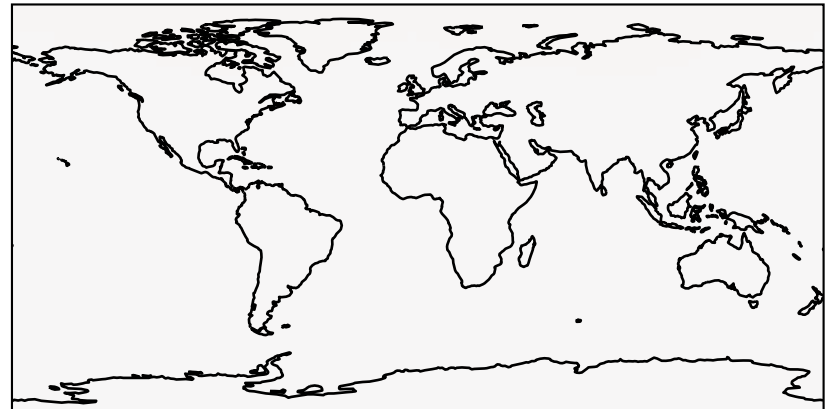
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



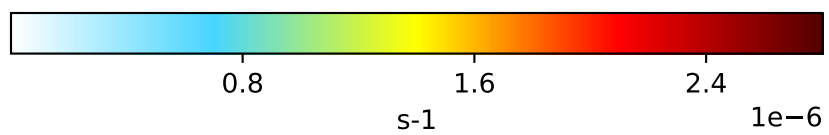
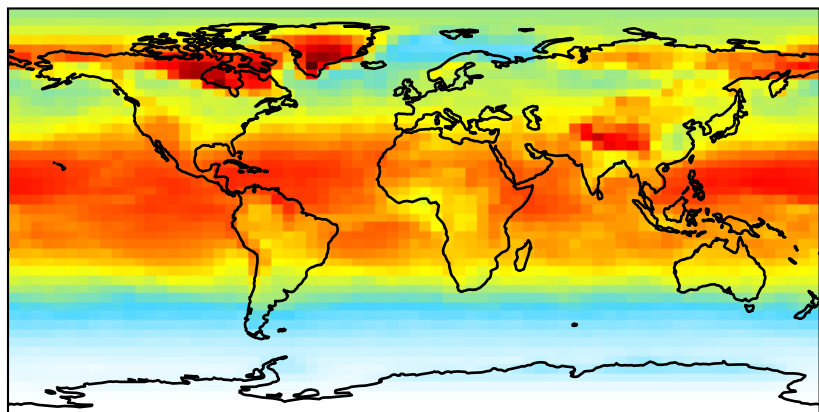
Ratio  
Dev/Ref, Fixed Range



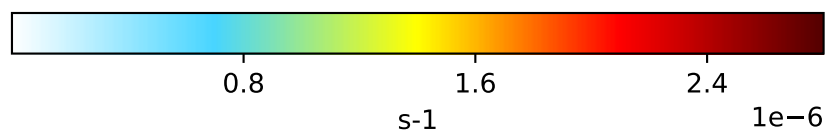
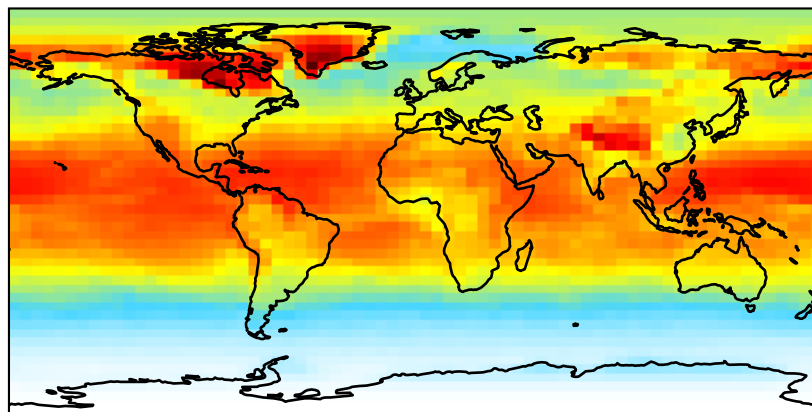


# Jval\_IDHPE (Apr2019)

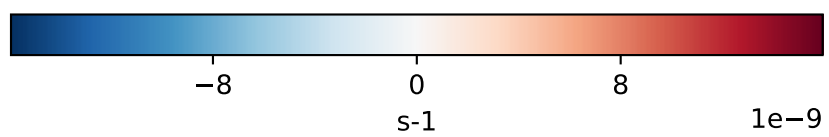
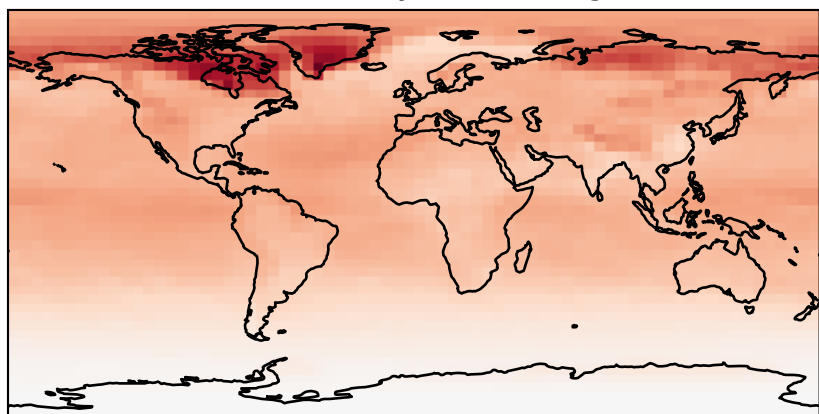
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



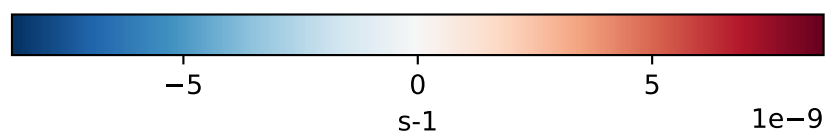
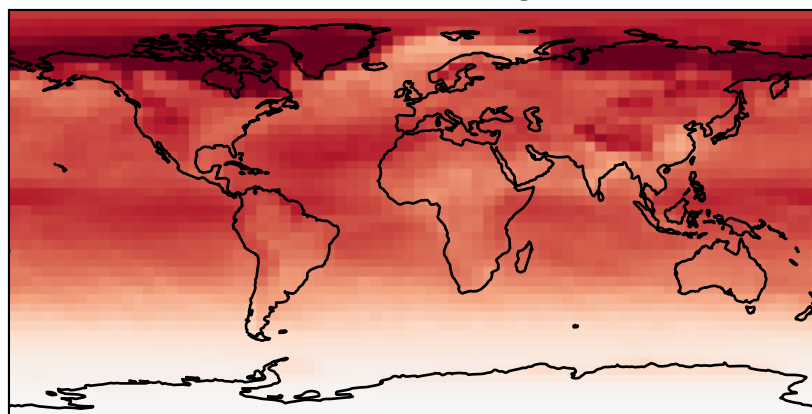
GCC\_13.0.0 (Dev)  
4.0x5.0



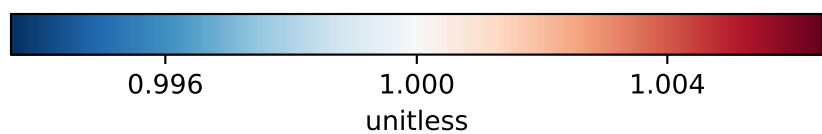
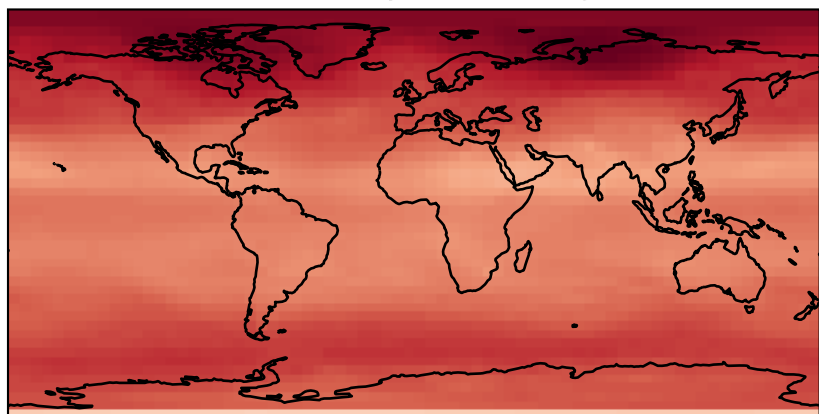
Difference  
Dev - Ref, Dynamic Range



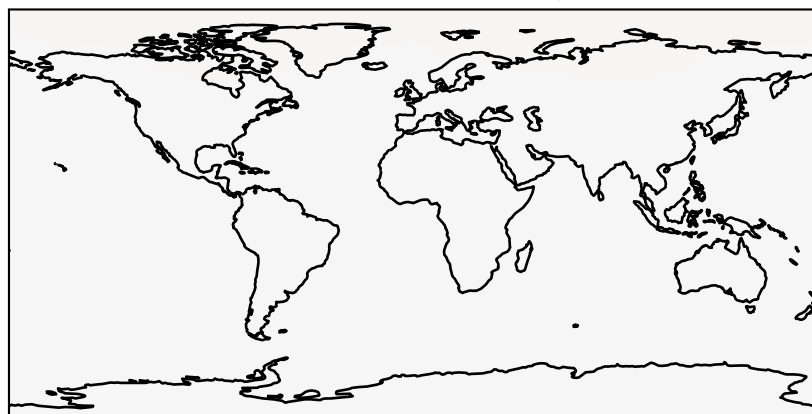
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

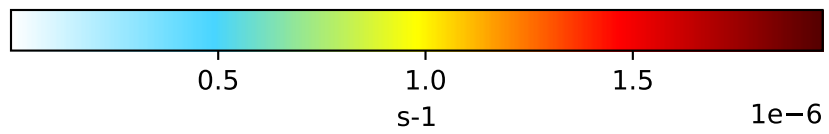
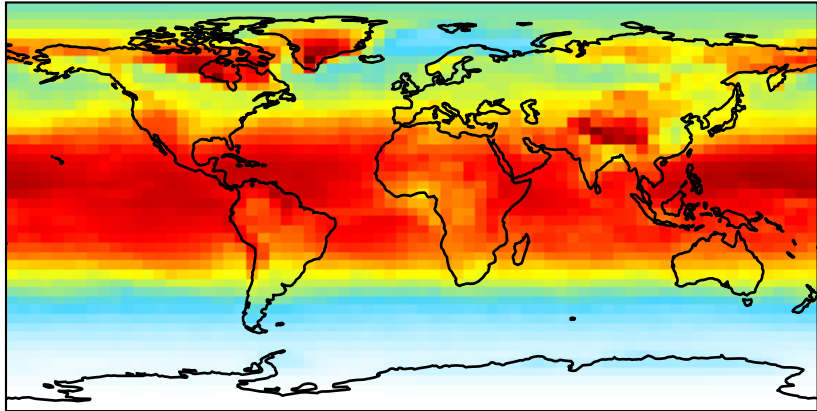


Ratio  
Dev/Ref, Fixed Range

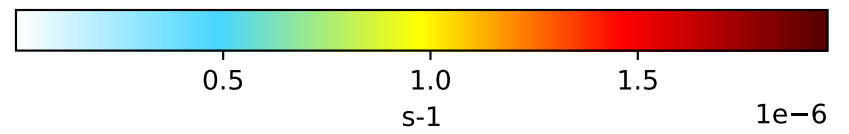
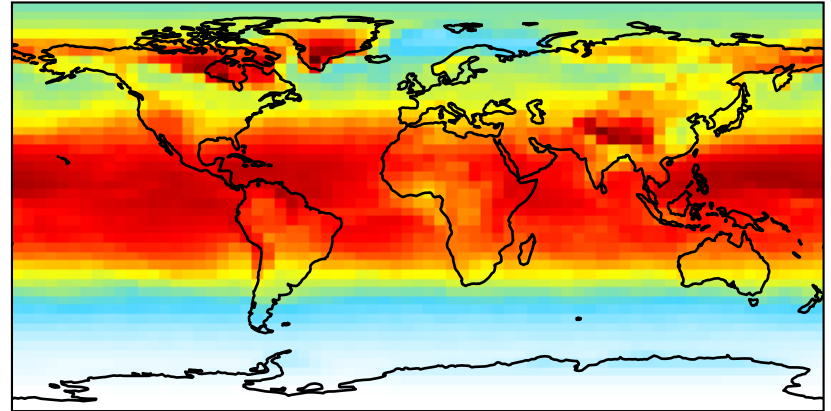


# Jval\_IDN (Apr2019)

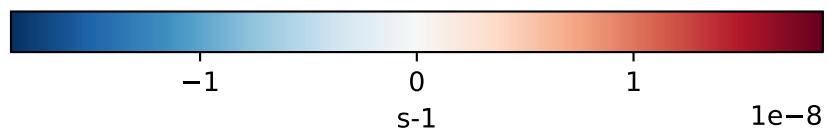
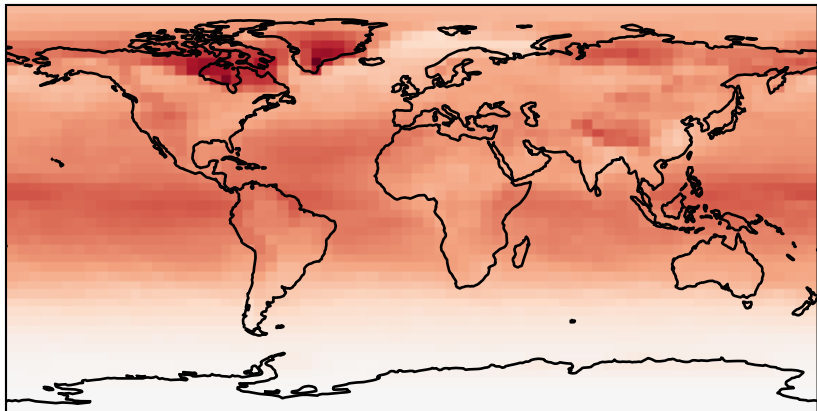
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



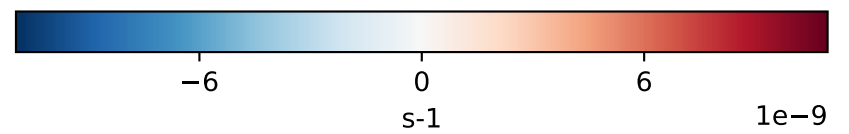
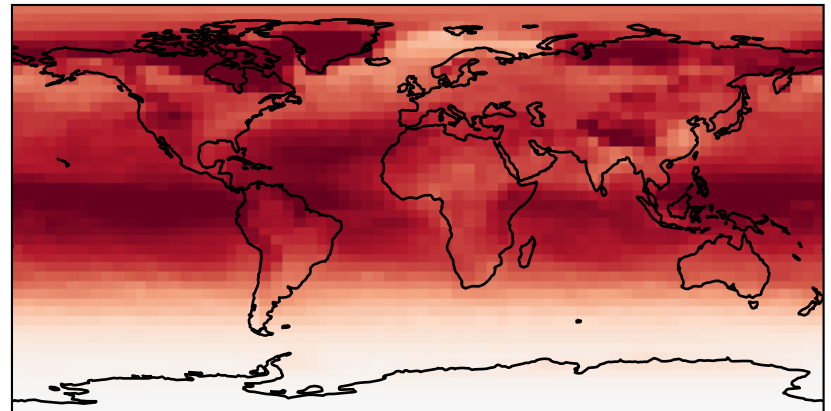
GCC\_13.0.0 (Dev)  
4.0x5.0



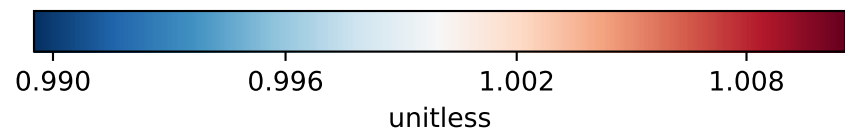
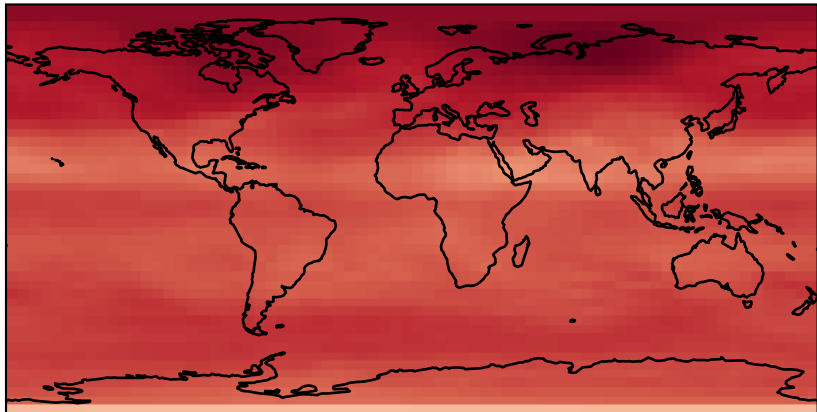
Difference  
Dev - Ref, Dynamic Range



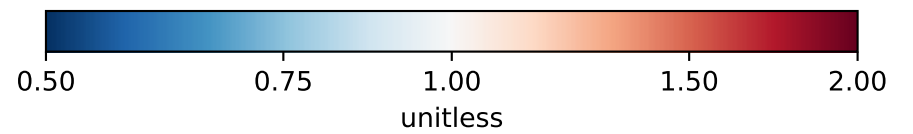
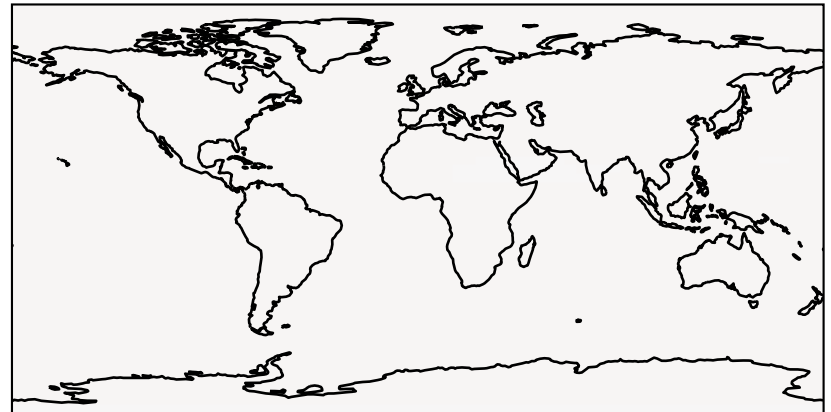
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

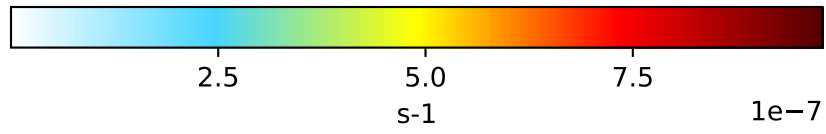
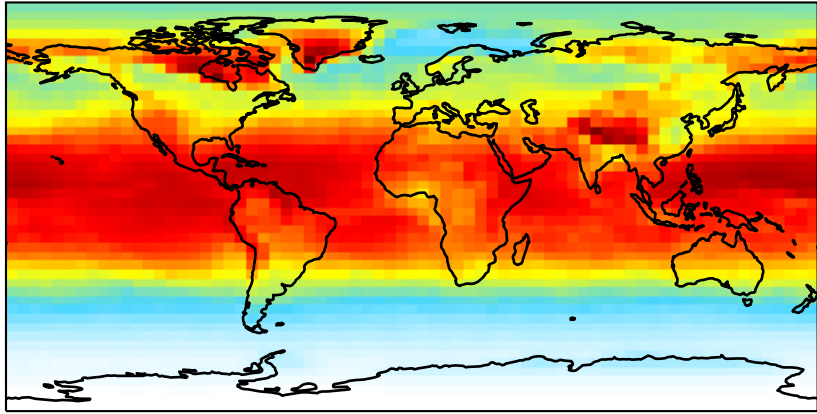


Ratio  
Dev/Ref, Fixed Range

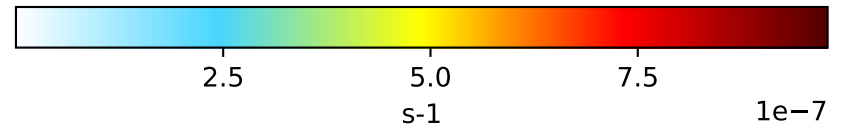
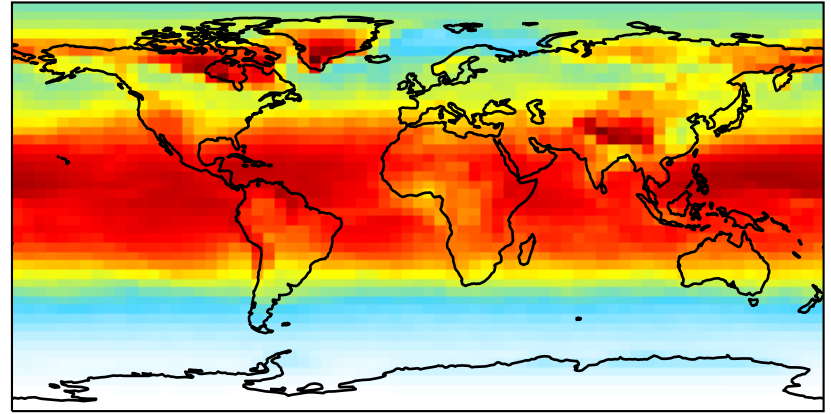


# Jval\_IHN1 (Apr2019)

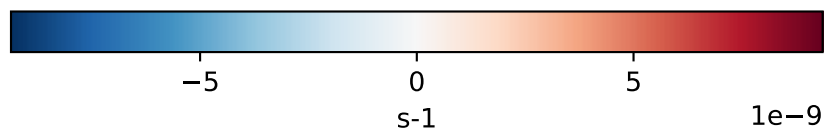
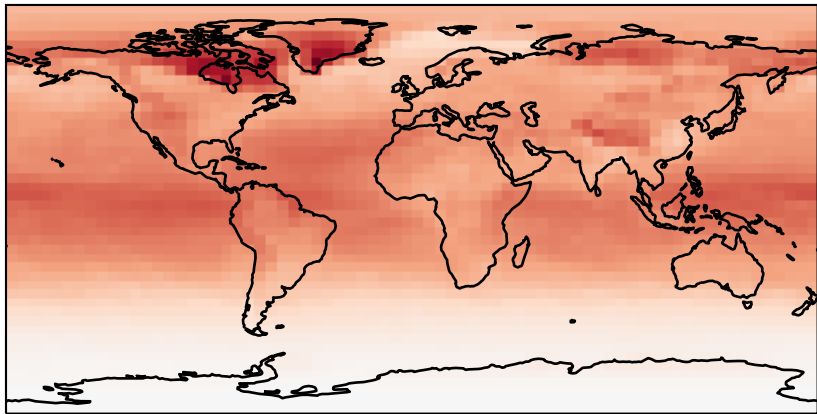
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



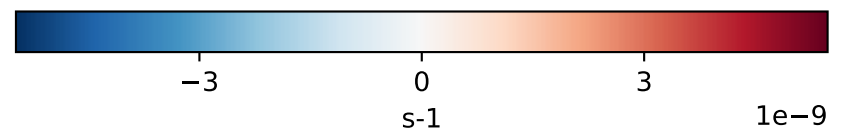
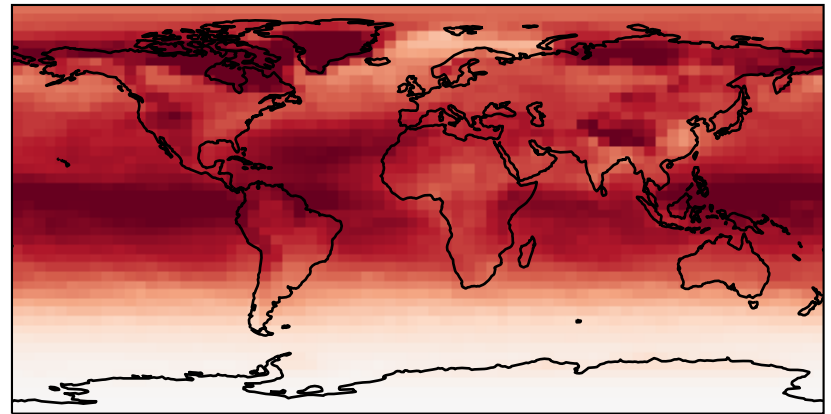
GCC\_13.0.0 (Dev)  
4.0x5.0



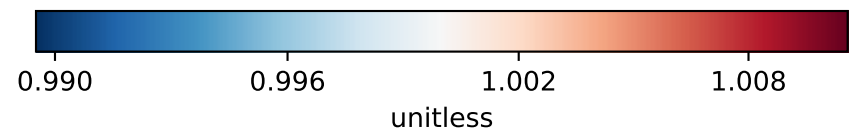
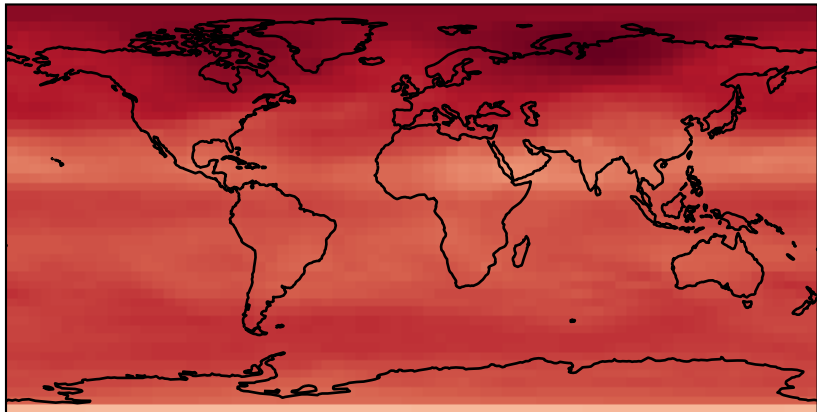
Difference  
Dev - Ref, Dynamic Range



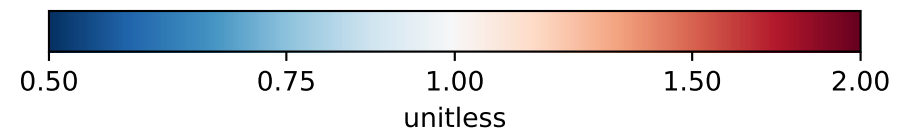
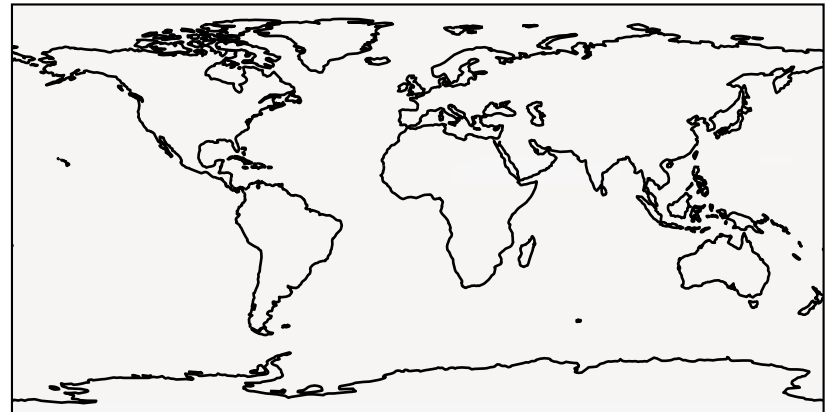
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

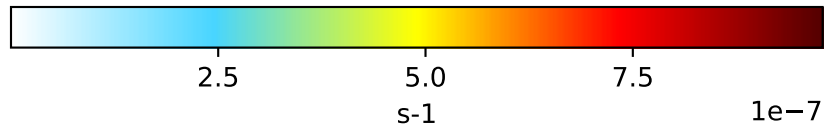
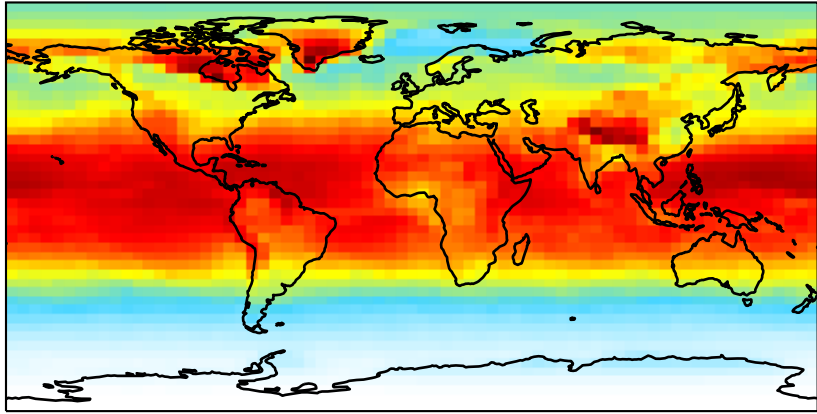


Ratio  
Dev/Ref, Fixed Range

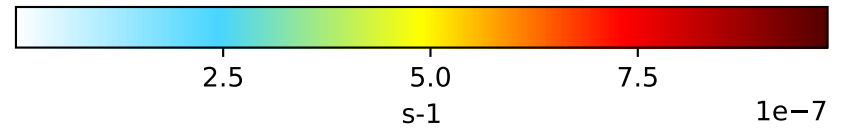
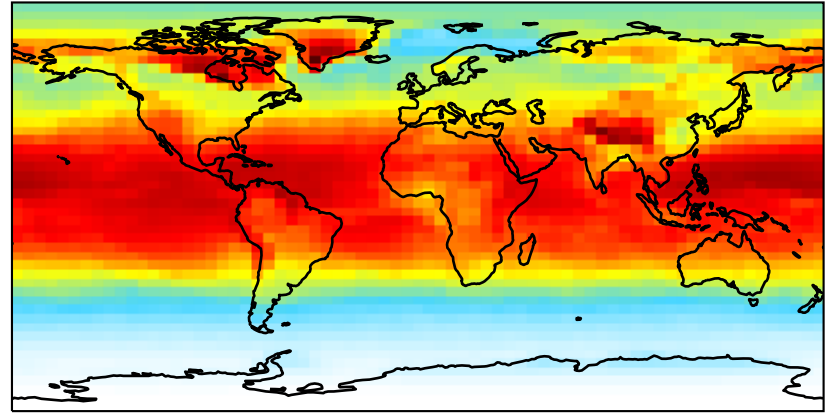


# Jval\_IHN2 (Apr2019)

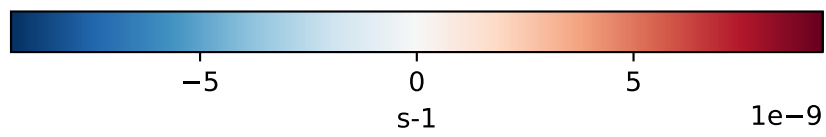
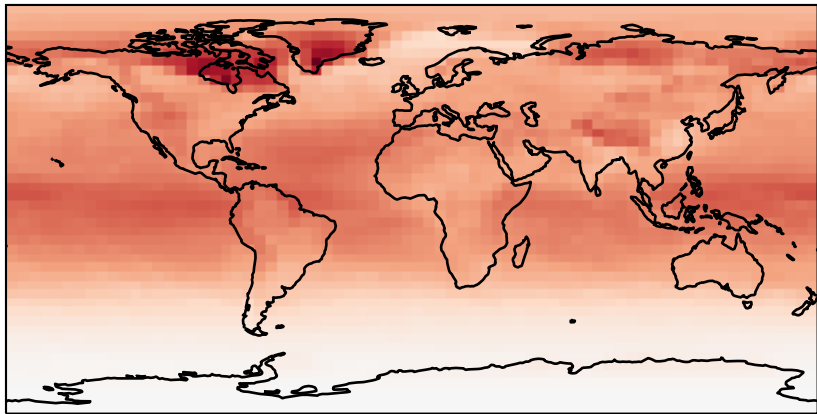
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



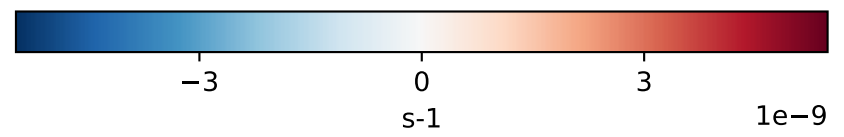
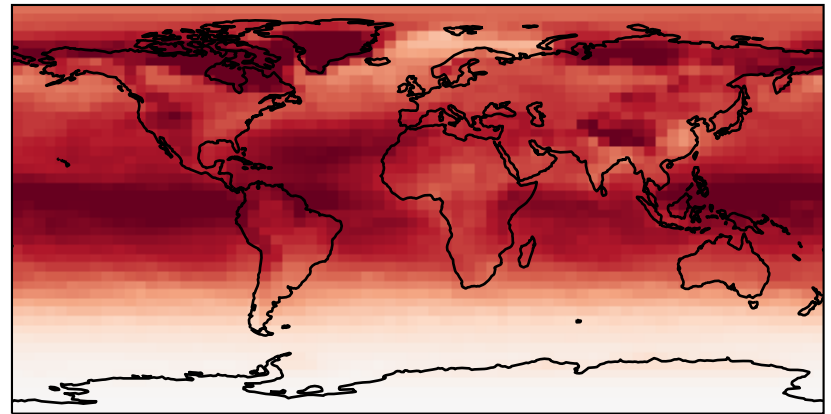
GCC\_13.0.0 (Dev)  
4.0x5.0



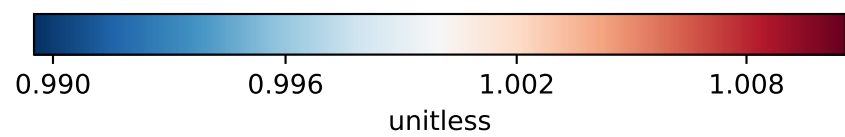
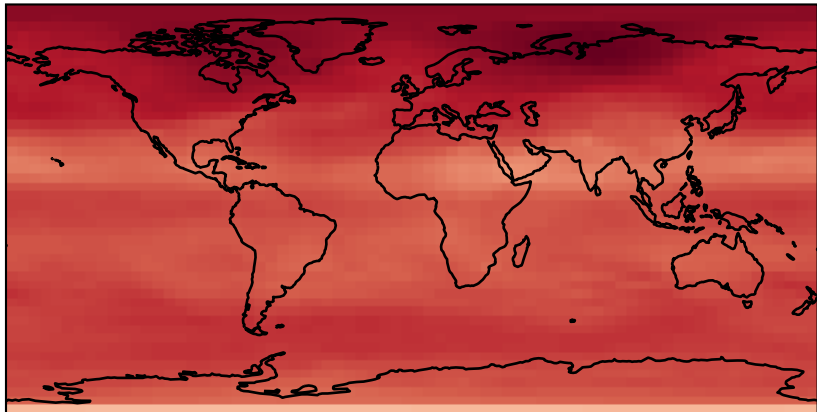
Difference  
Dev - Ref, Dynamic Range



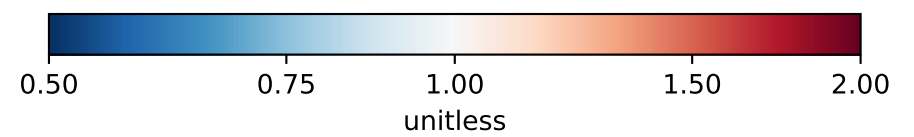
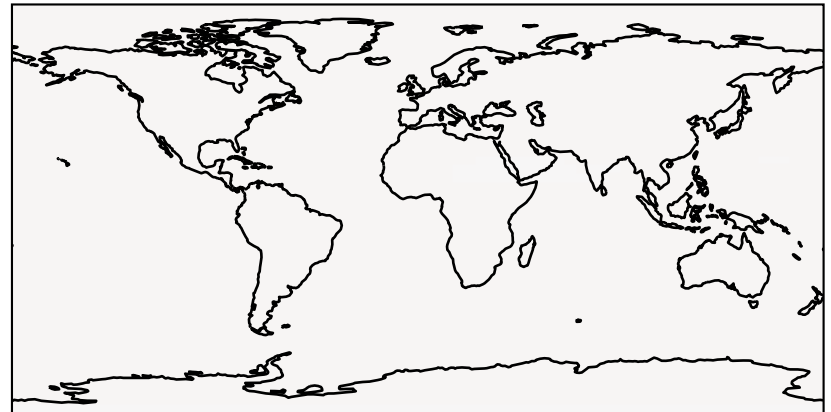
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

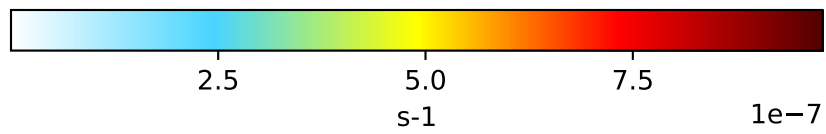
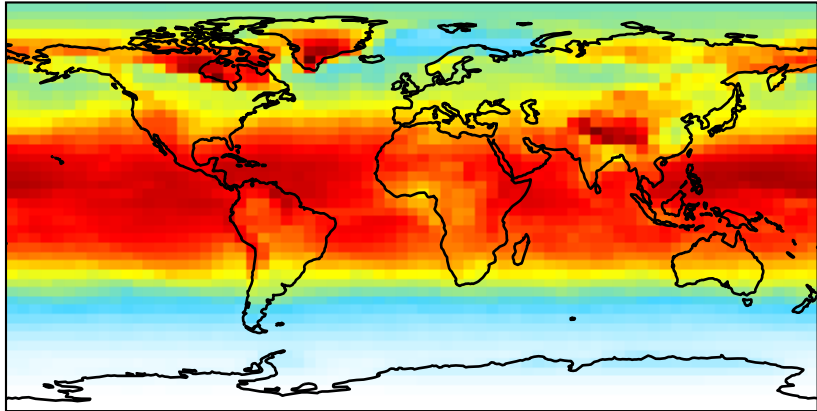


Ratio  
Dev/Ref, Fixed Range

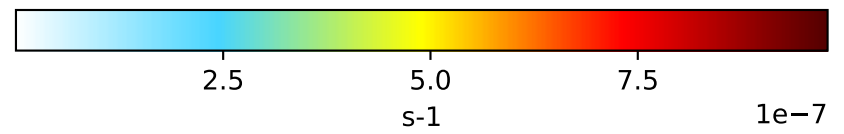
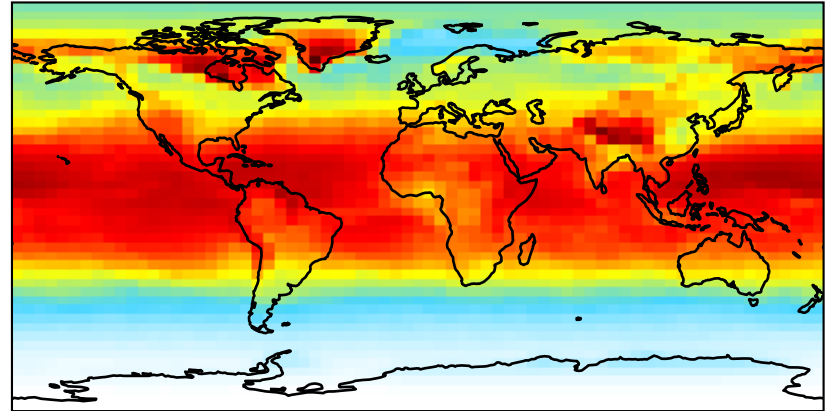


# Jval\_IHN3 (Apr2019)

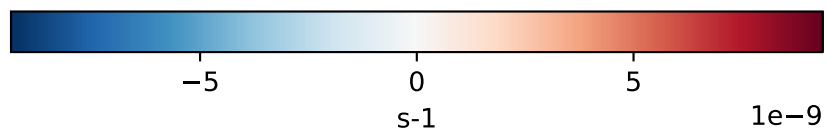
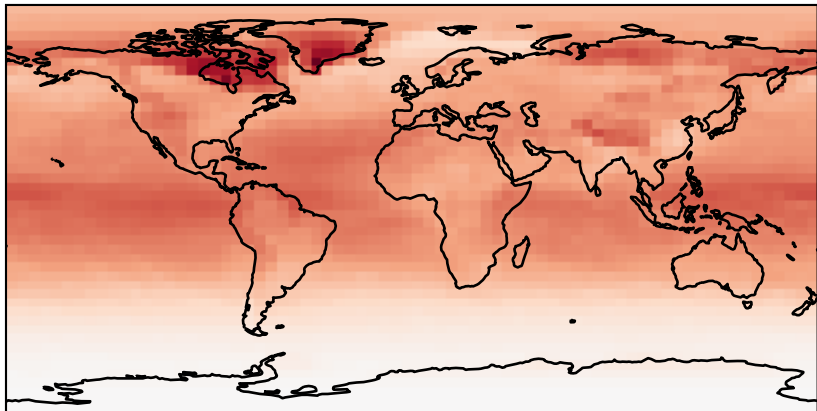
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



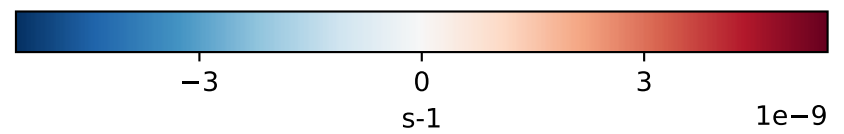
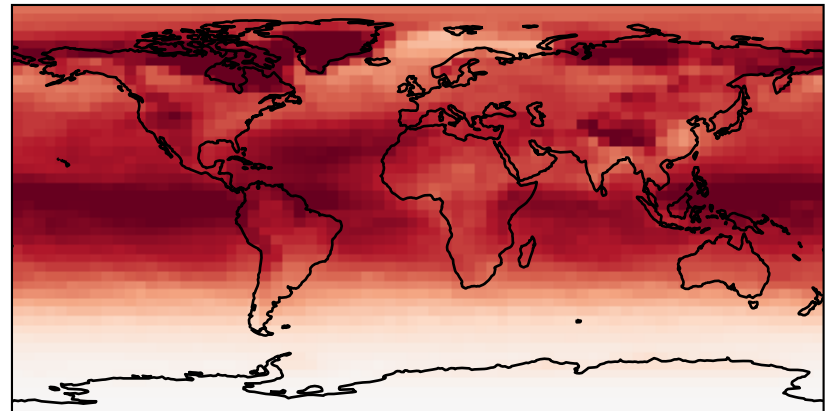
GCC\_13.0.0 (Dev)  
4.0x5.0



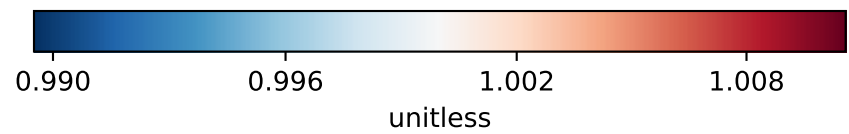
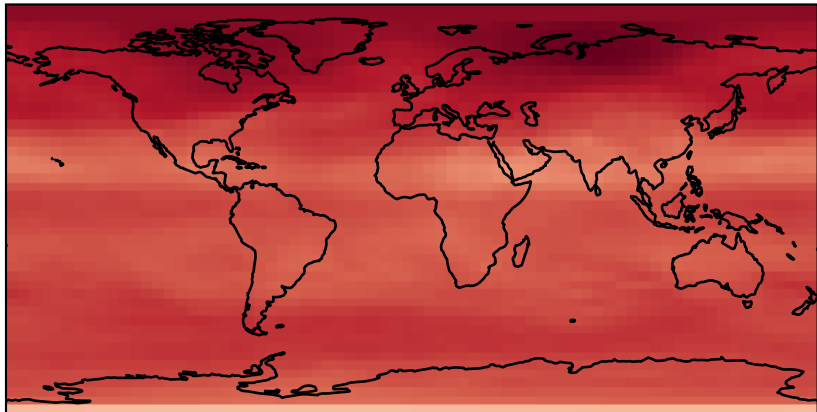
Difference  
Dev - Ref, Dynamic Range



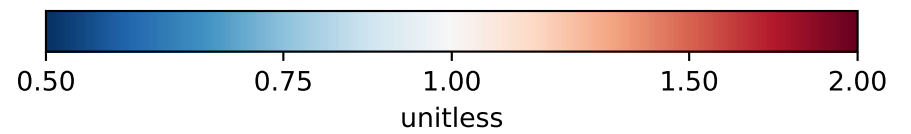
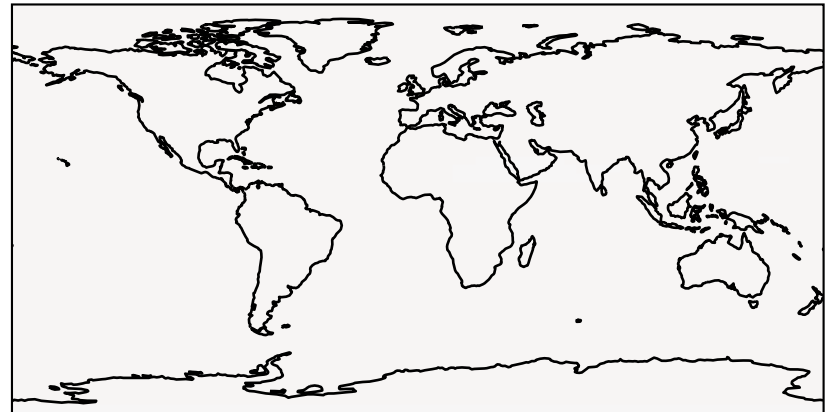
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



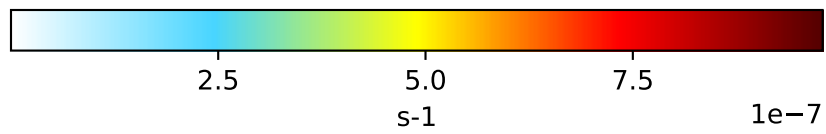
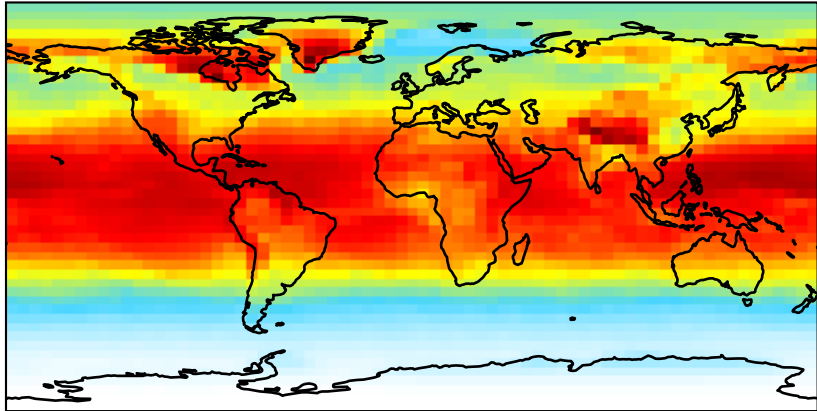
Ratio  
Dev/Ref, Fixed Range



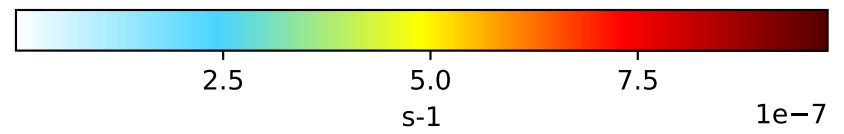
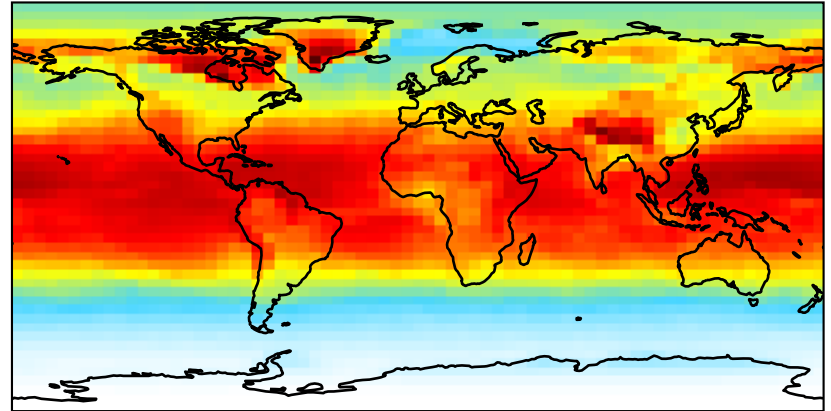


# Jval\_IHN4 (Apr2019)

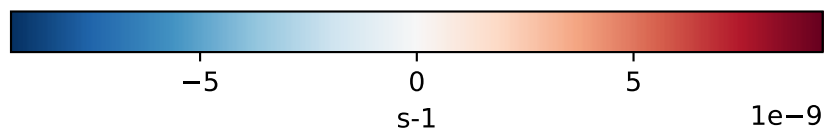
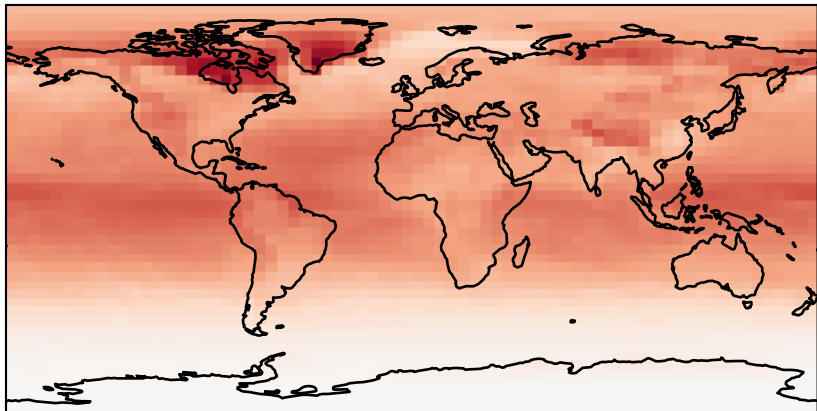
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



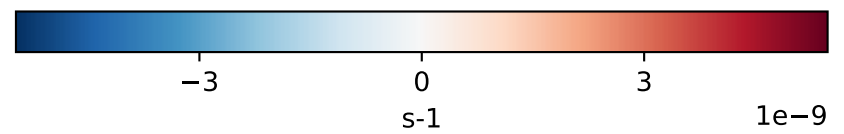
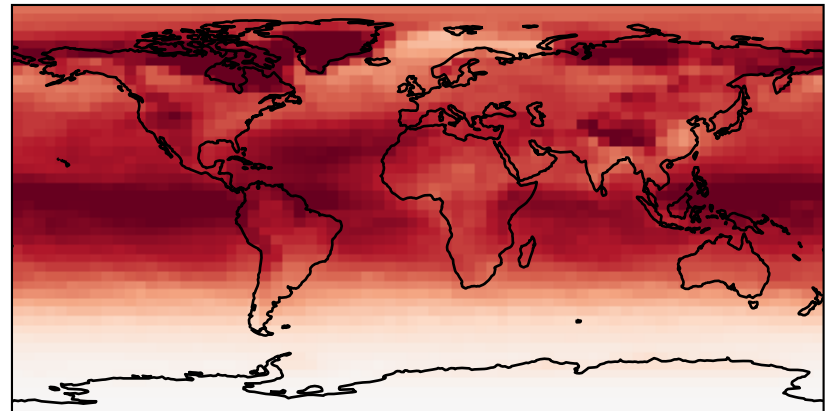
GCC\_13.0.0 (Dev)  
4.0x5.0



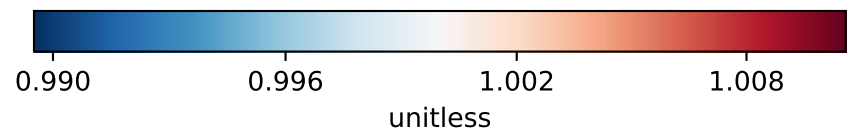
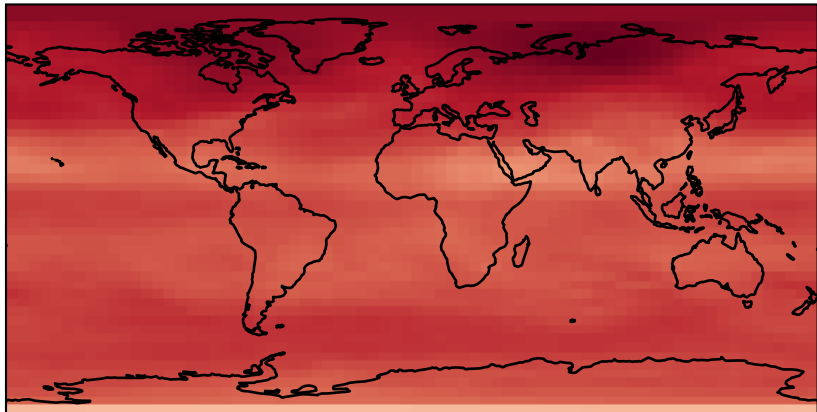
Difference  
Dev - Ref, Dynamic Range



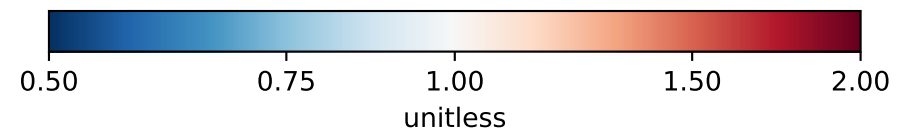
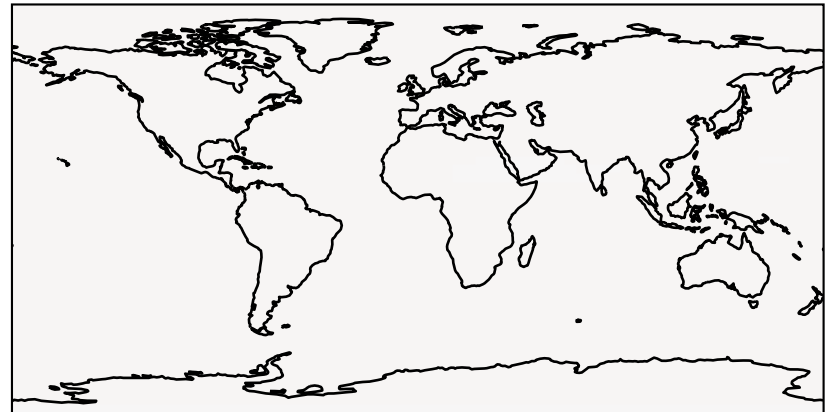
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

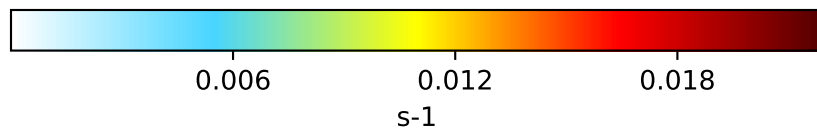
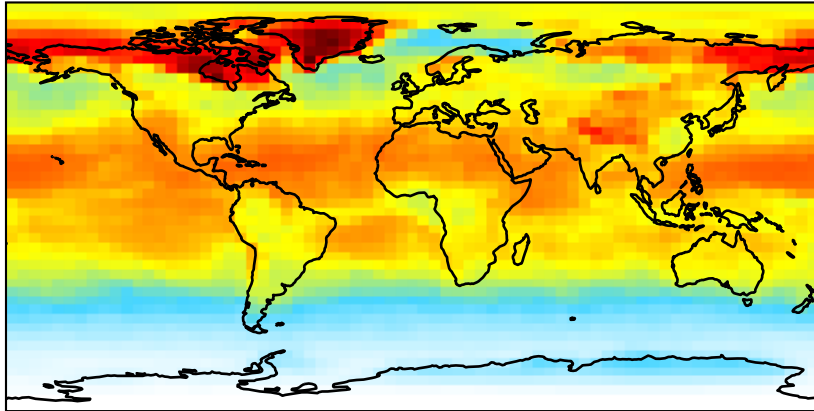


Ratio  
Dev/Ref, Fixed Range

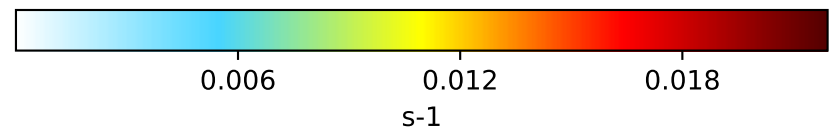
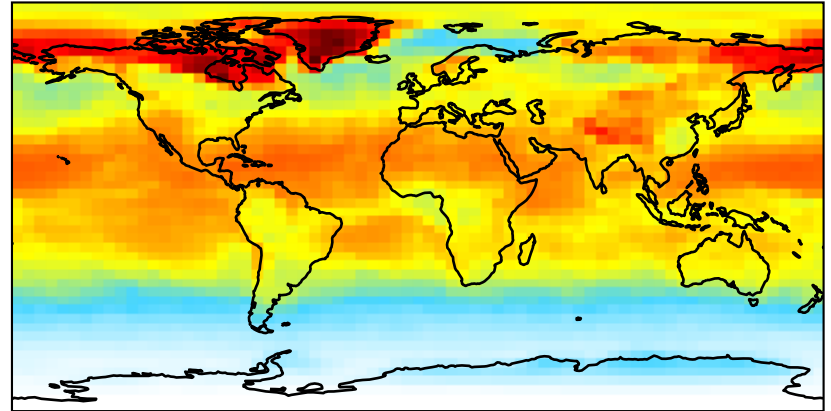


# Jval\_INO (Apr2019)

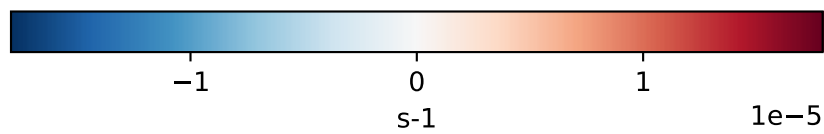
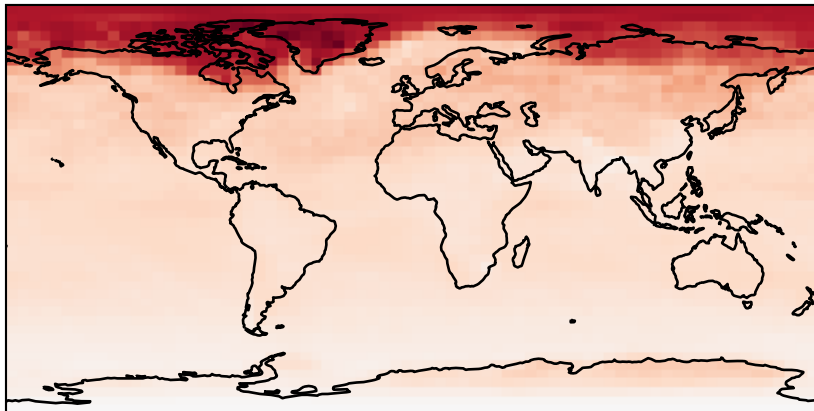
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



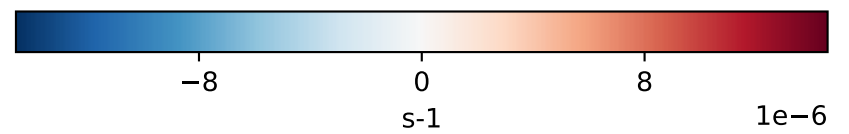
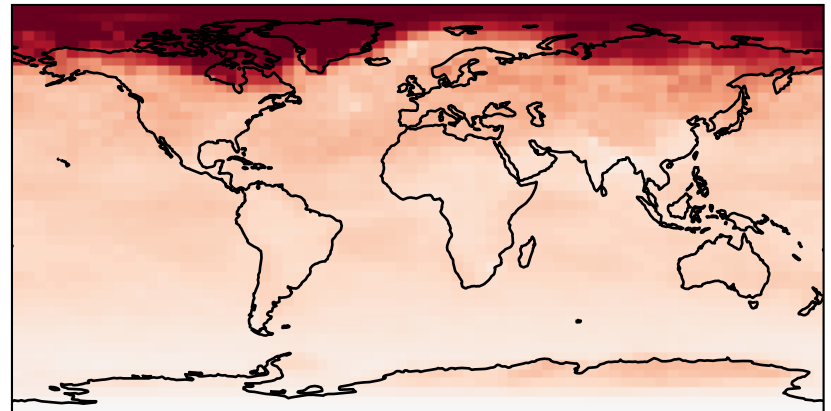
GCC\_13.0.0 (Dev)  
4.0x5.0



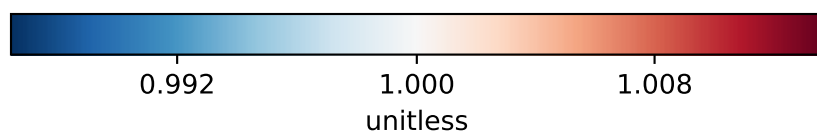
Difference  
Dev - Ref, Dynamic Range



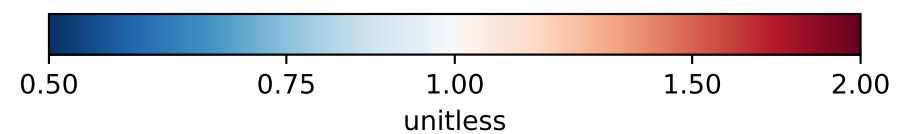
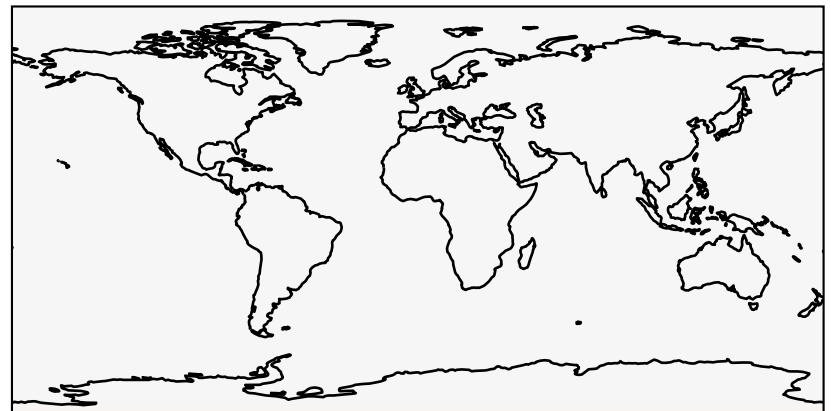
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

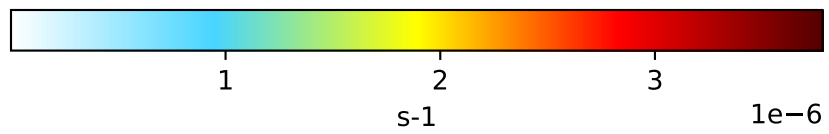
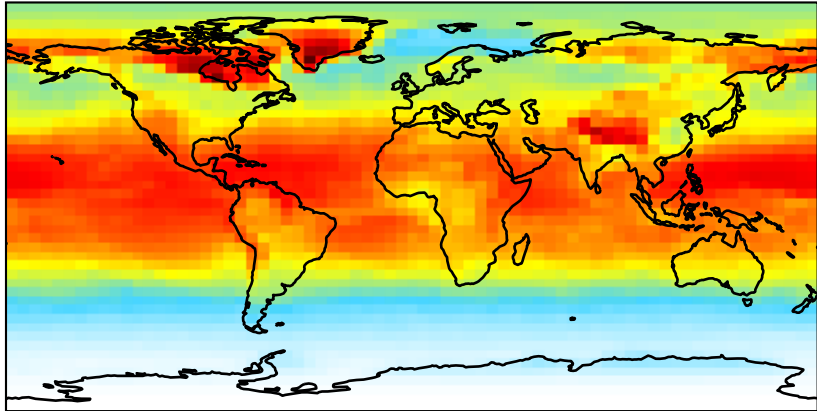


Ratio  
Dev/Ref, Fixed Range

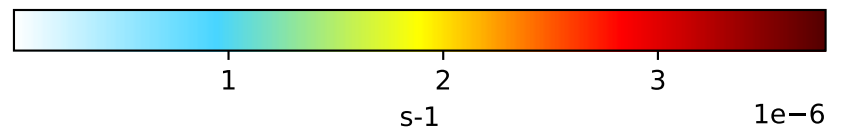
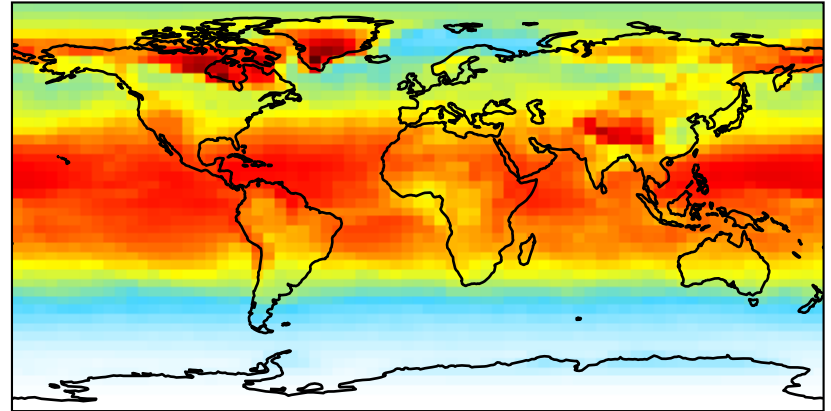


# Jval\_INPB (Apr2019)

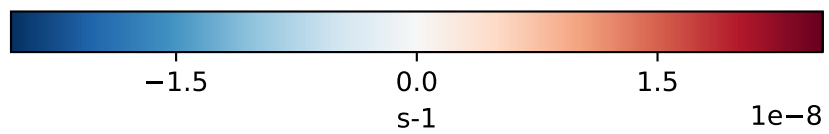
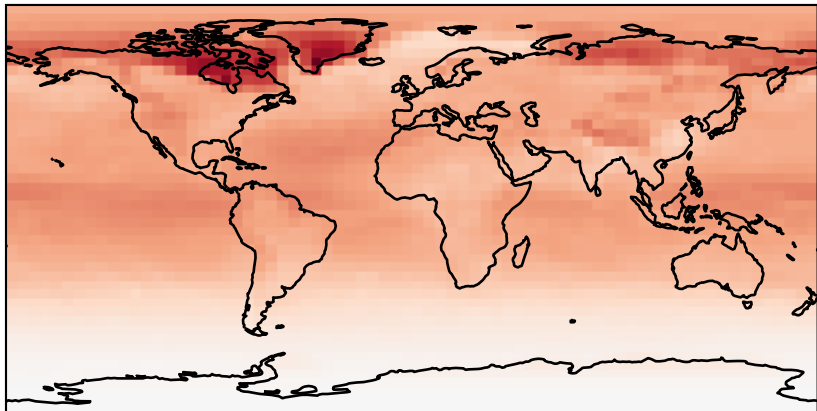
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



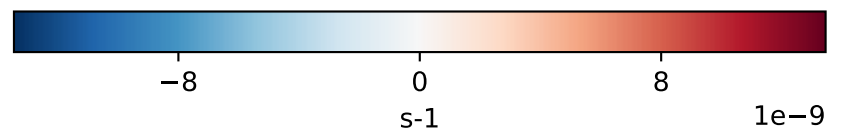
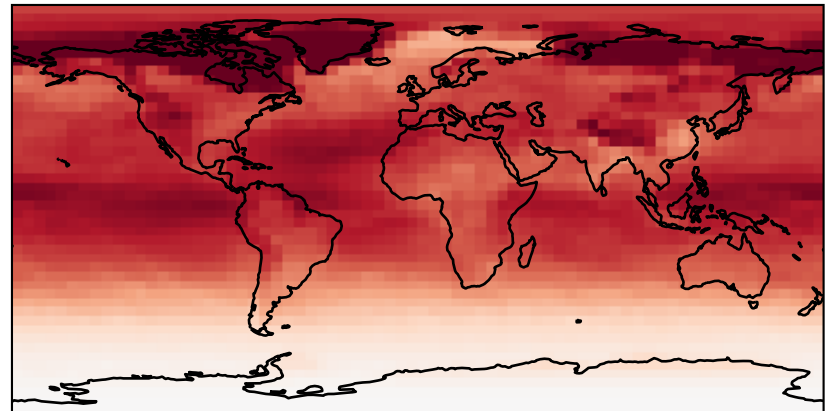
GCC\_13.0.0 (Dev)  
4.0x5.0



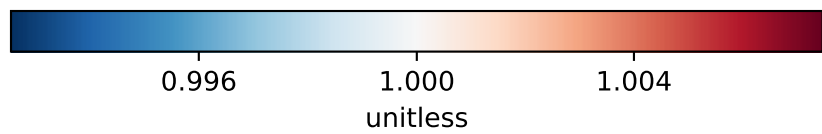
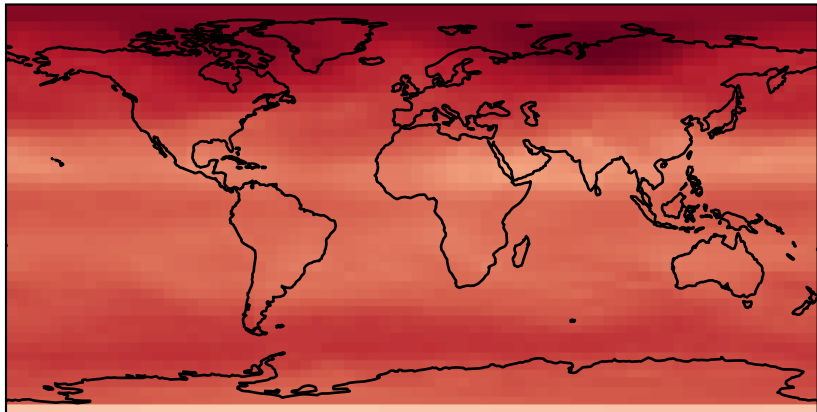
Difference  
Dev - Ref, Dynamic Range



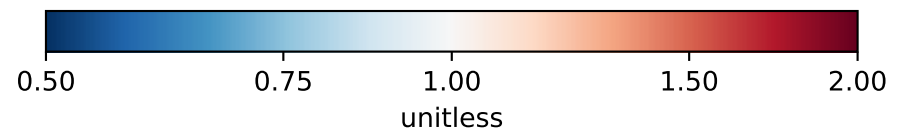
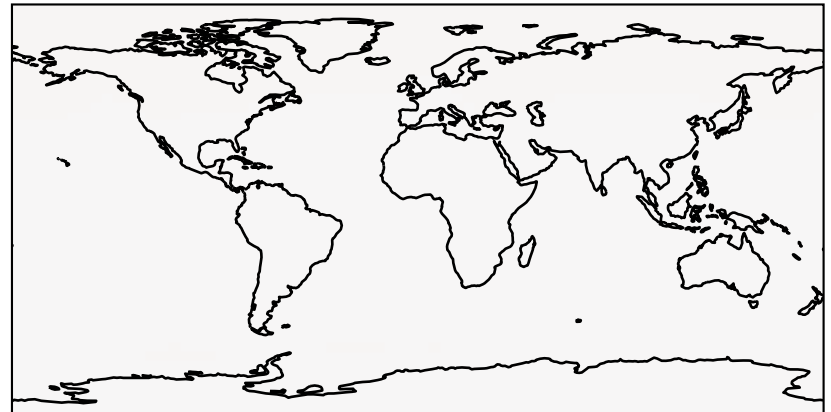
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

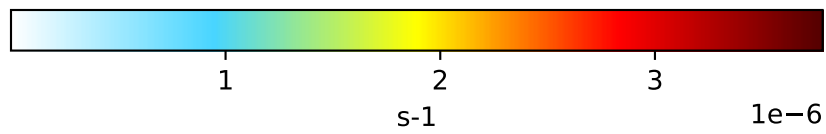
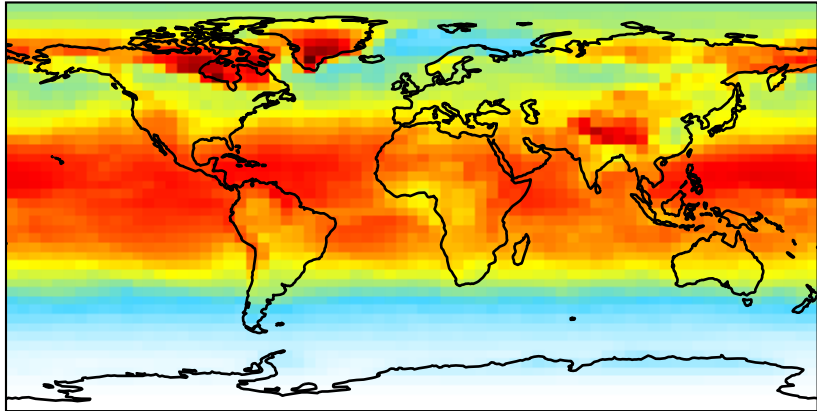


Ratio  
Dev/Ref, Fixed Range

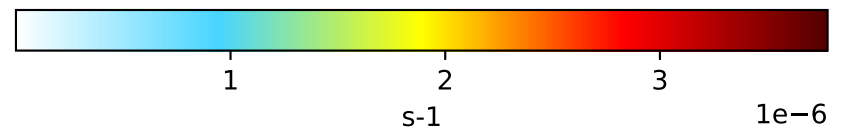
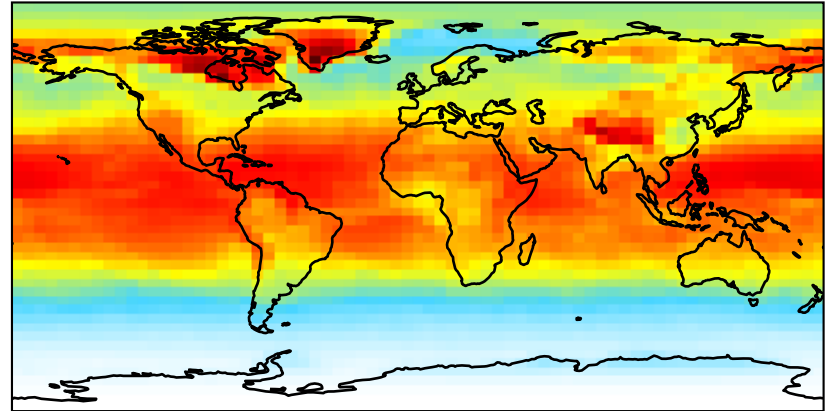


# Jval\_INPD (Apr2019)

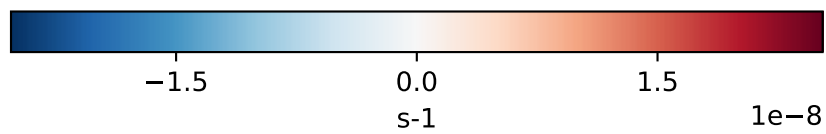
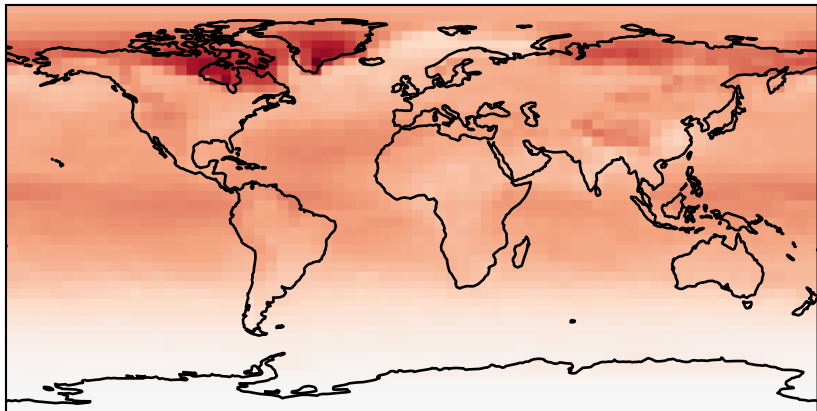
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



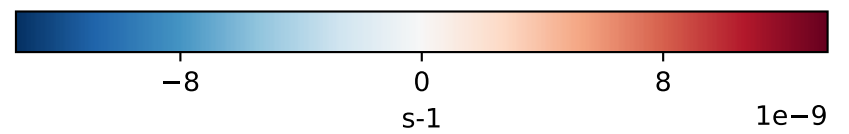
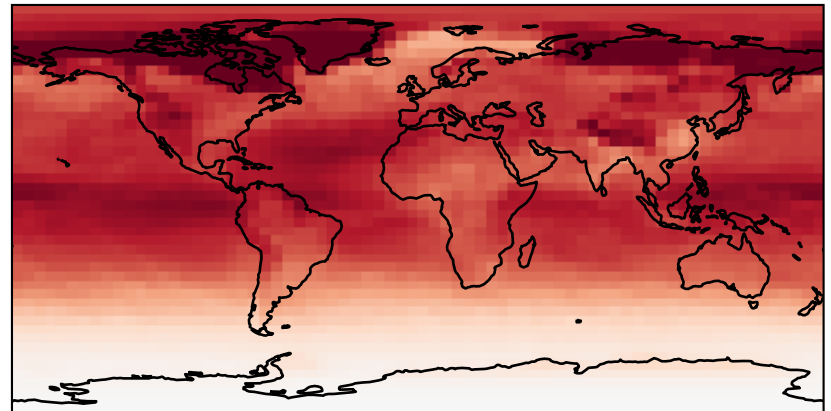
GCC\_13.0.0 (Dev)  
4.0x5.0



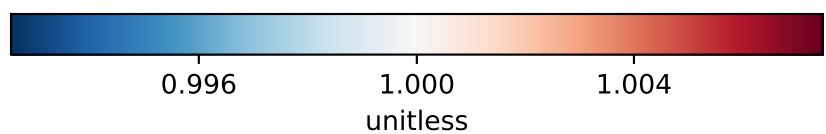
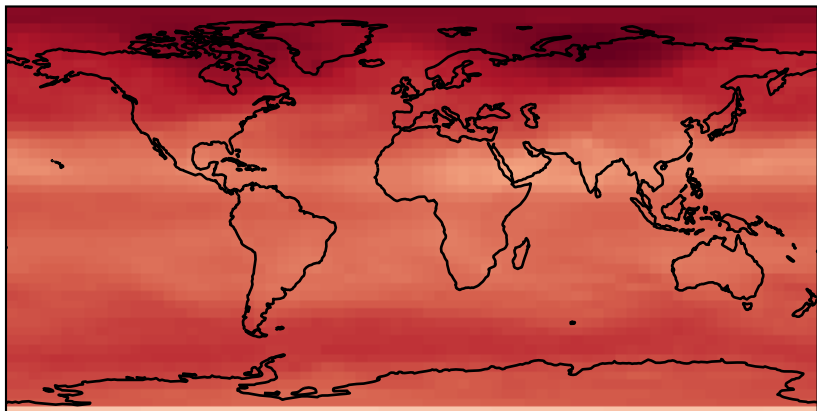
Difference  
Dev - Ref, Dynamic Range



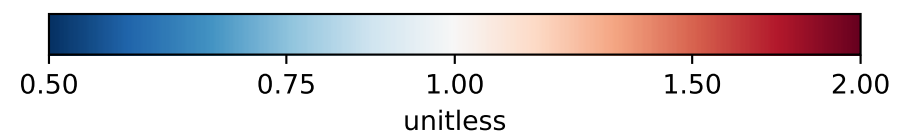
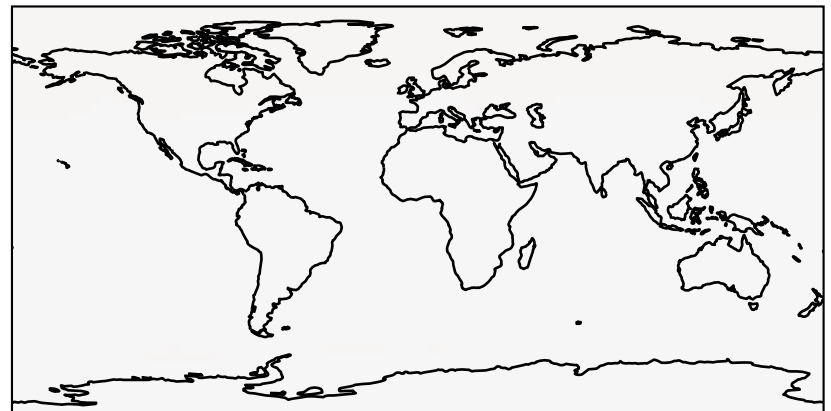
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

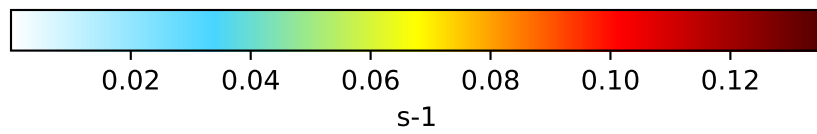
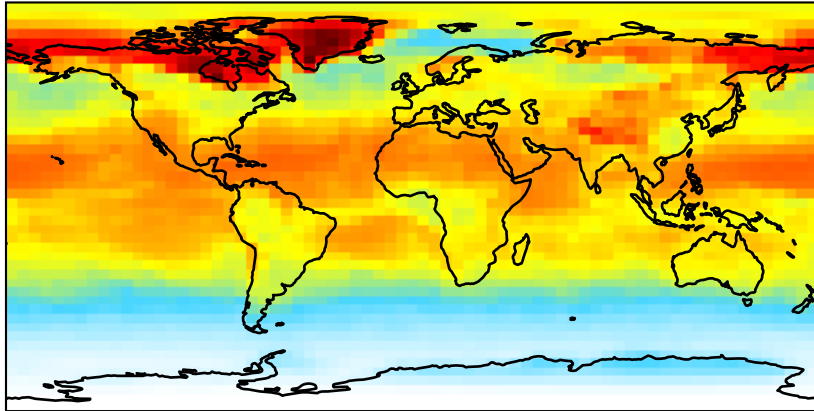


Ratio  
Dev/Ref, Fixed Range

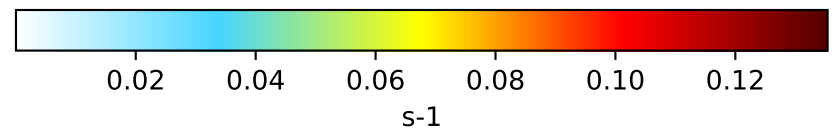
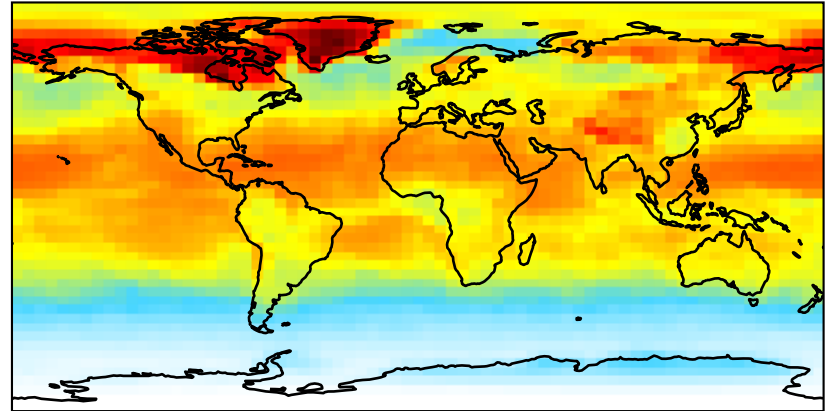


# Jval\_IO (Apr2019)

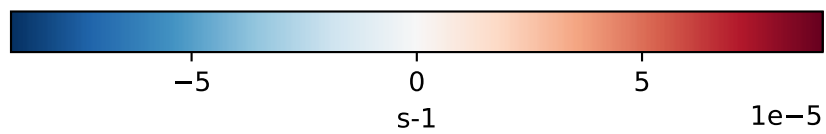
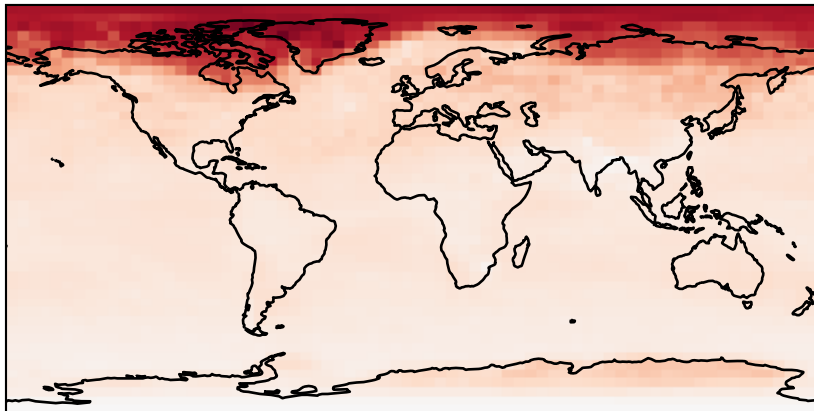
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



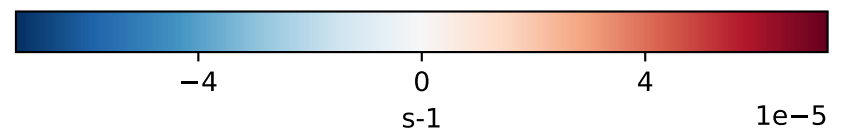
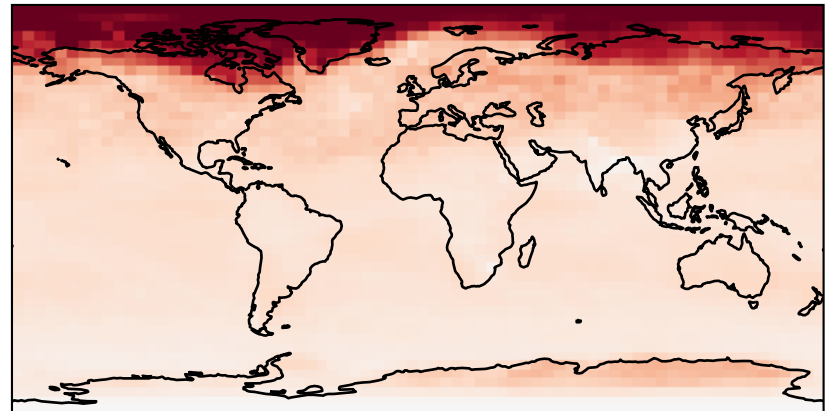
GCC\_13.0.0 (Dev)  
4.0x5.0



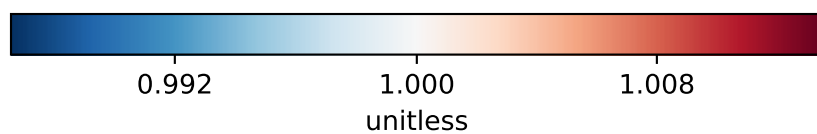
Difference  
Dev - Ref, Dynamic Range



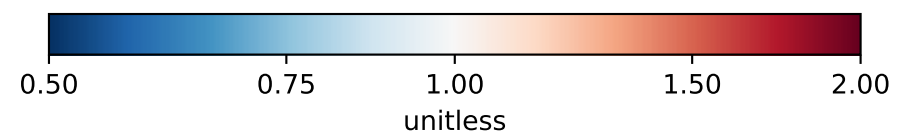
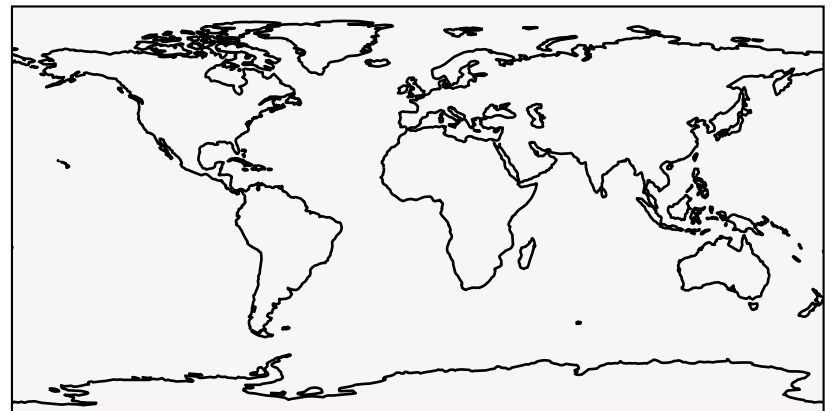
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



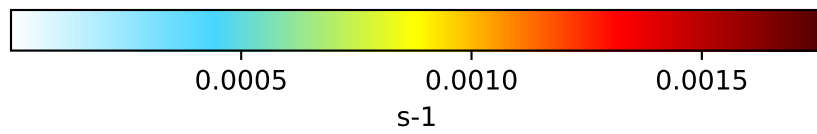
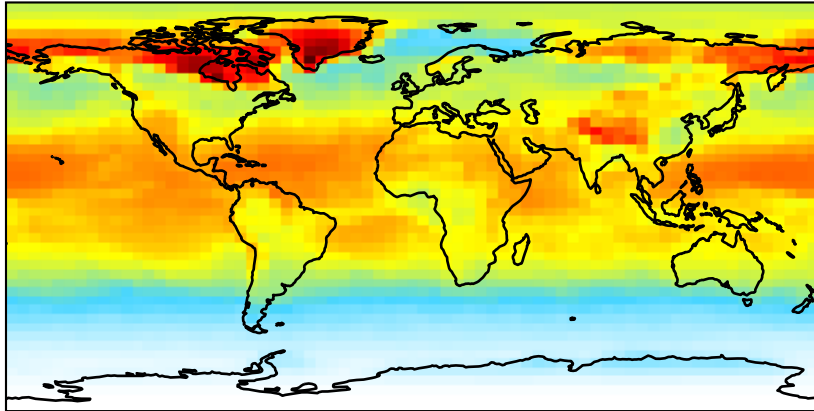
Ratio  
Dev/Ref, Fixed Range



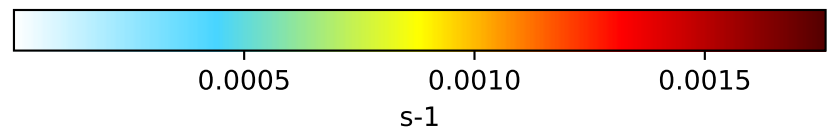
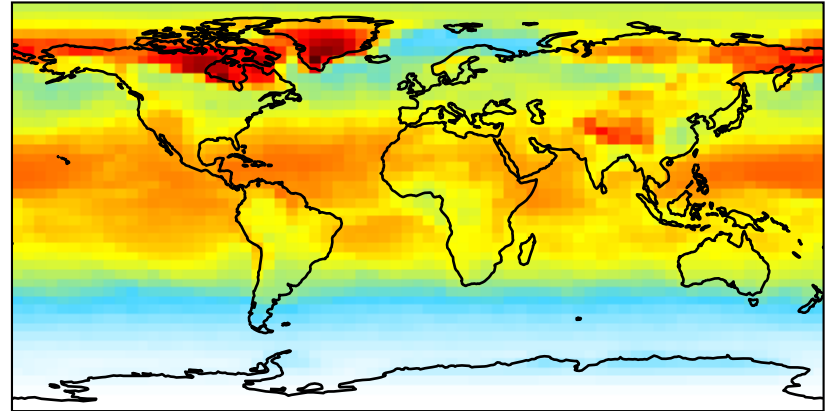


# Jval\_IONO (Apr2019)

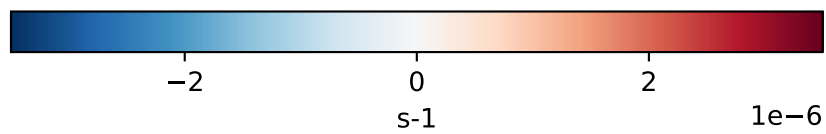
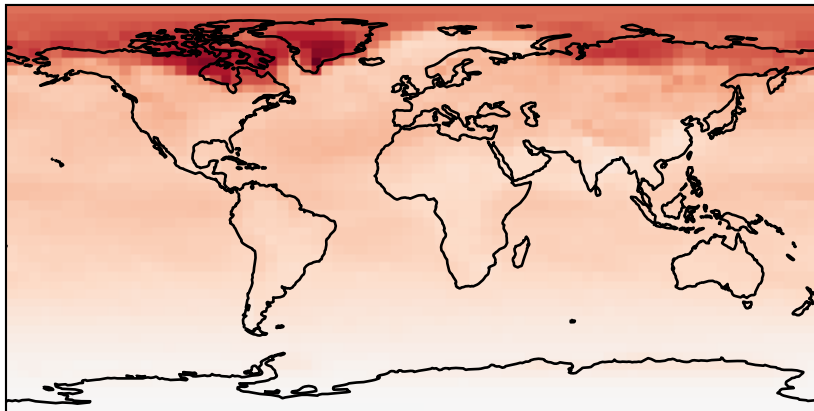
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



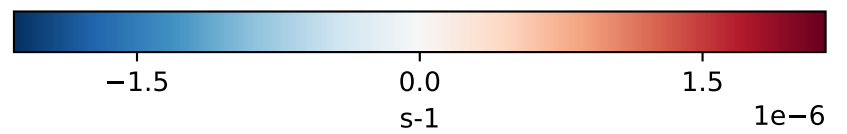
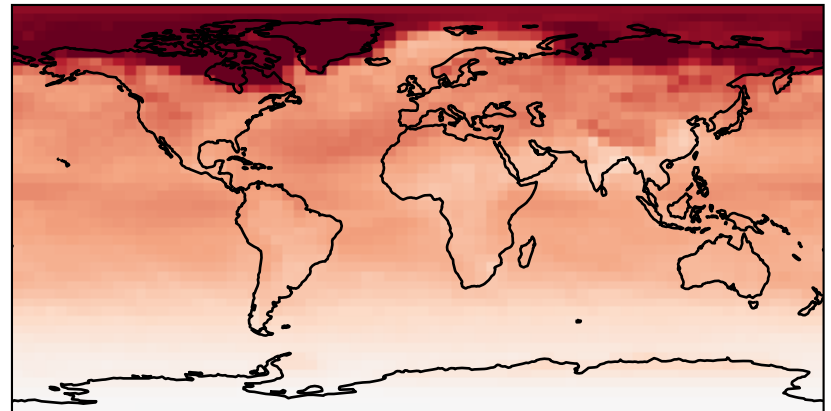
GCC\_13.0.0 (Dev)  
4.0x5.0



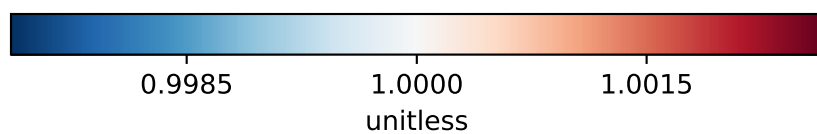
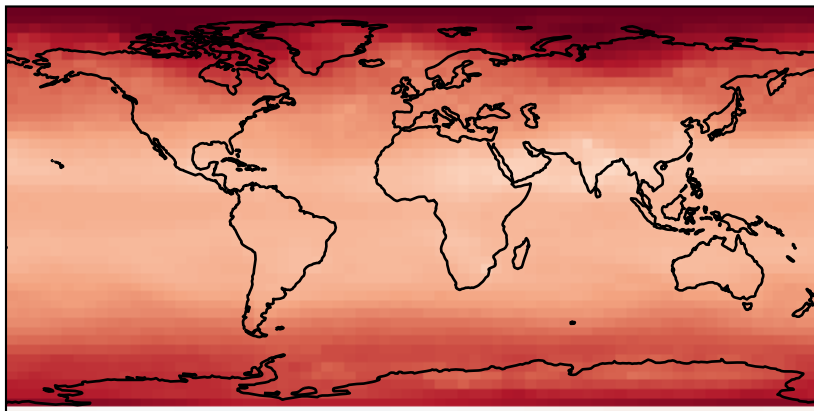
Difference  
Dev - Ref, Dynamic Range



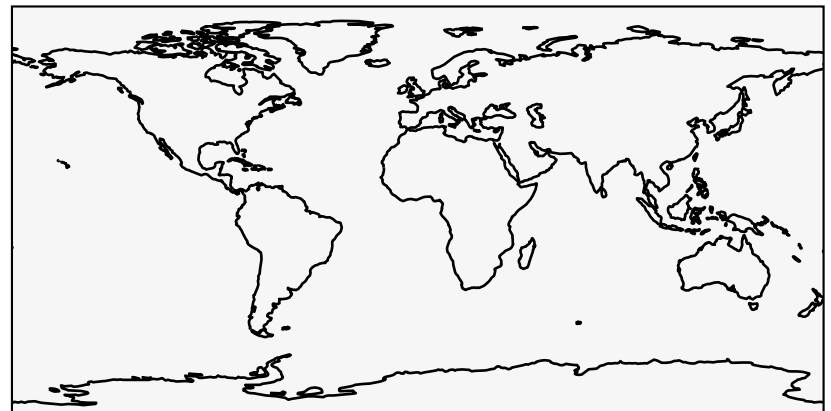
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

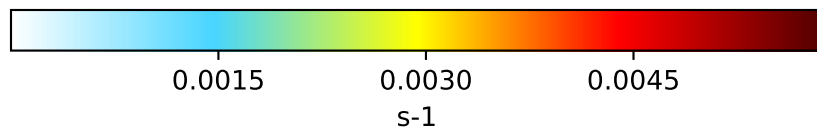
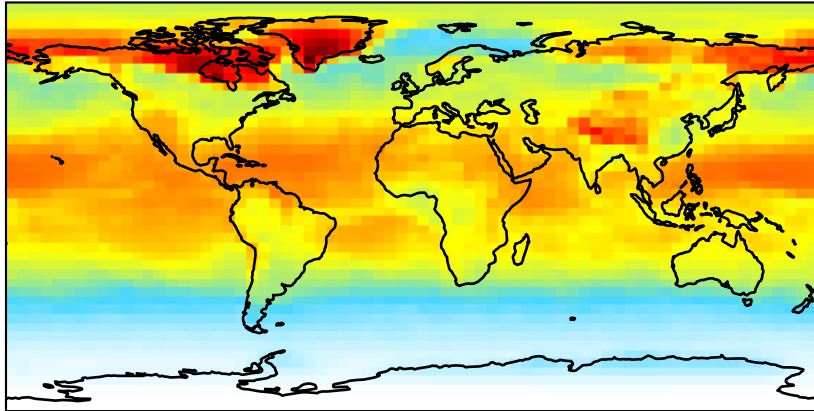


Ratio  
Dev/Ref, Fixed Range

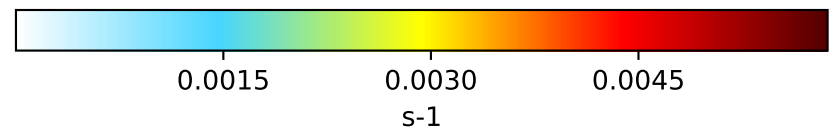
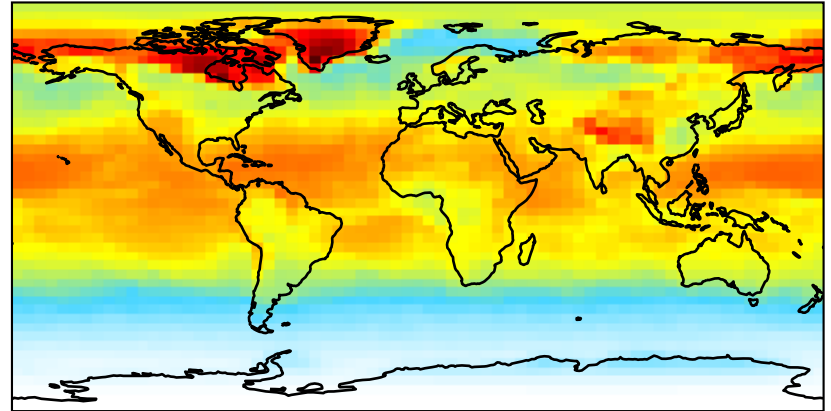


# Jval\_IONO2 (Apr2019)

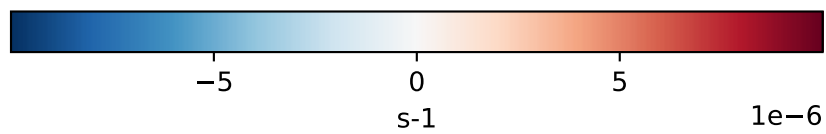
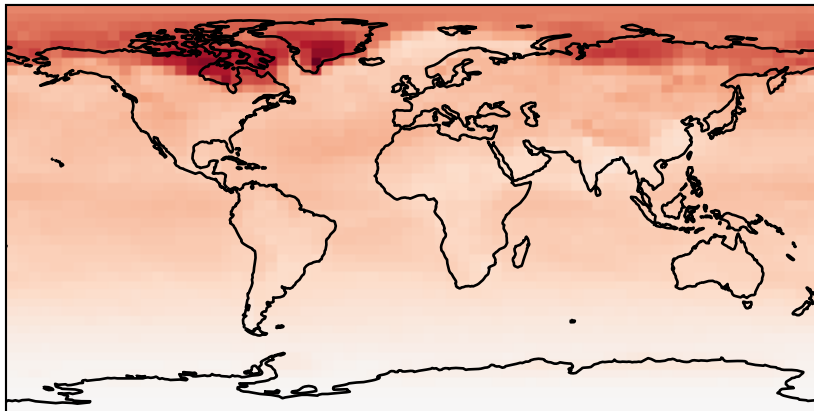
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



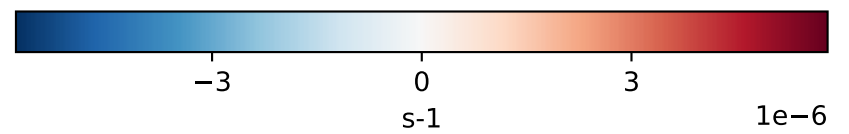
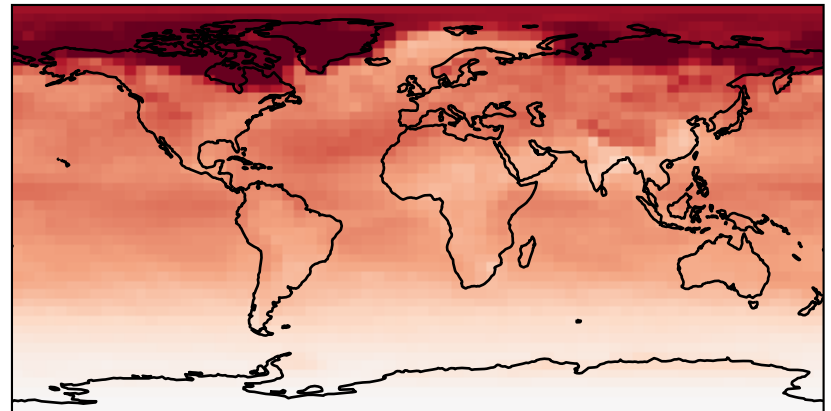
GCC\_13.0.0 (Dev)  
4.0x5.0



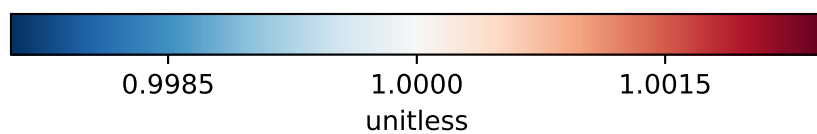
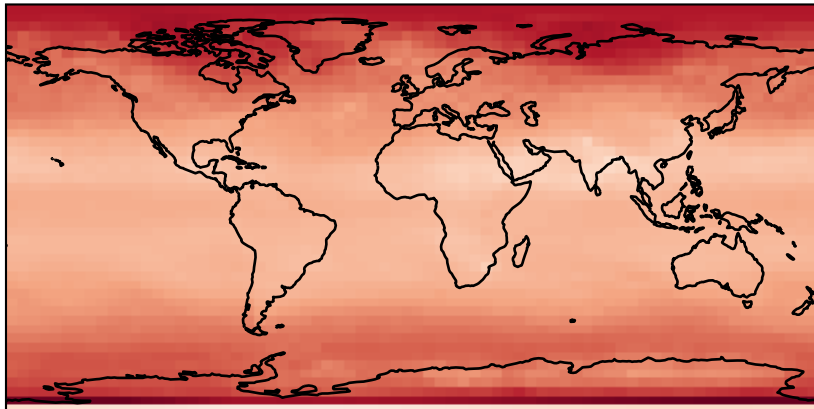
Difference  
Dev - Ref, Dynamic Range



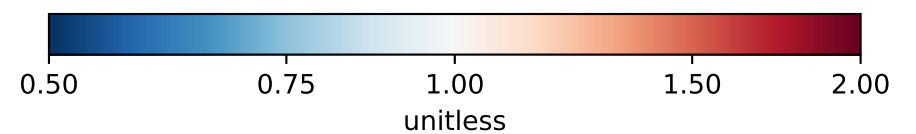
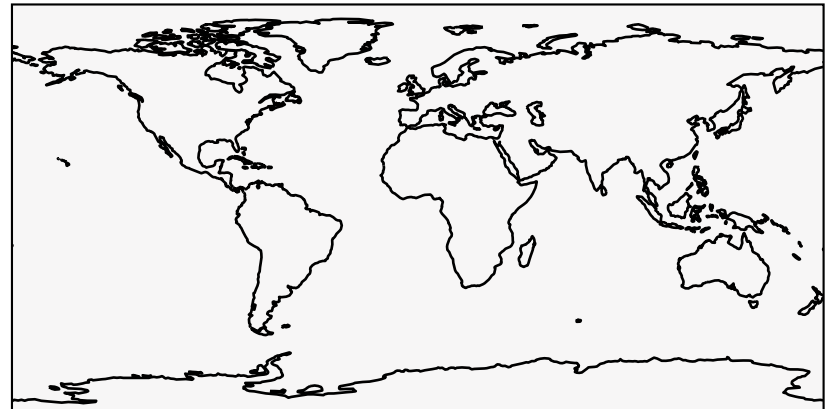
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

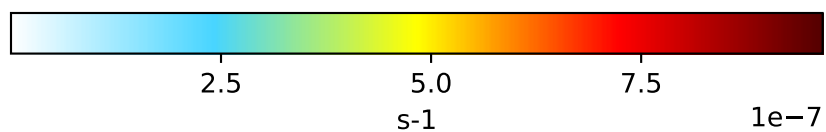
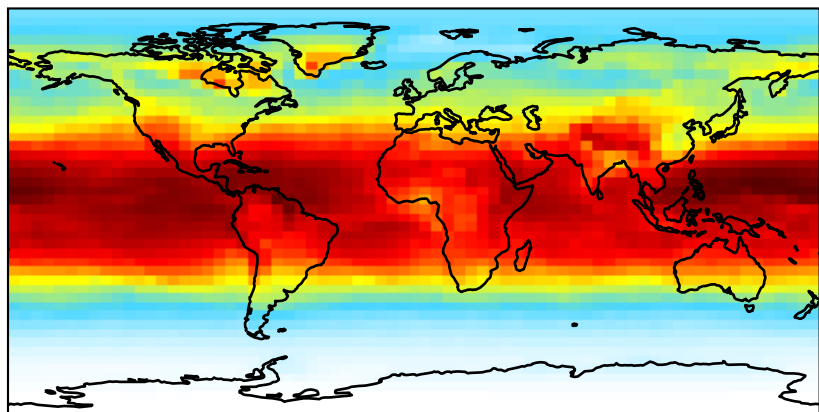


Ratio  
Dev/Ref, Fixed Range

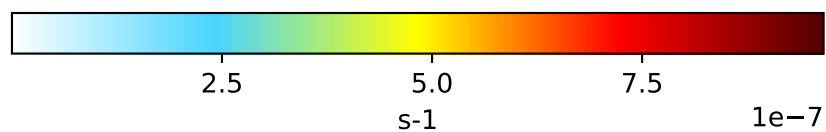
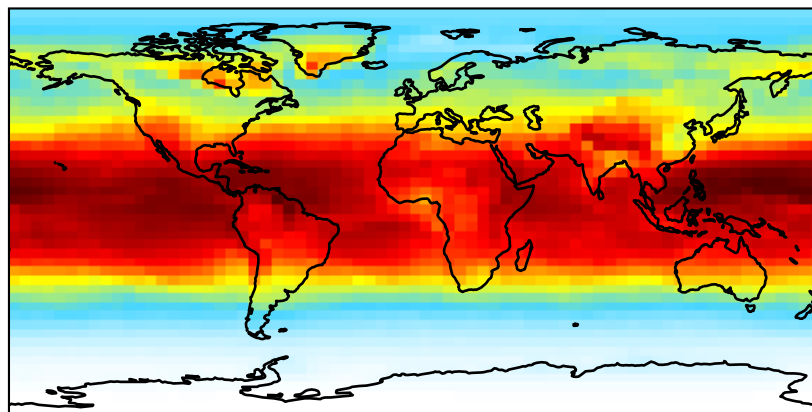


# Jval\_IPRNO3 (Apr2019)

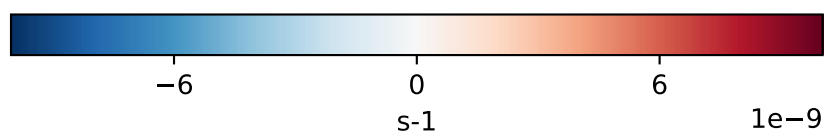
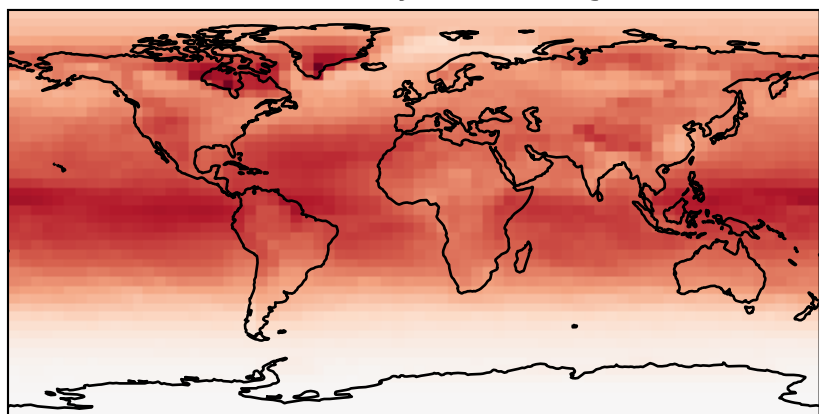
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



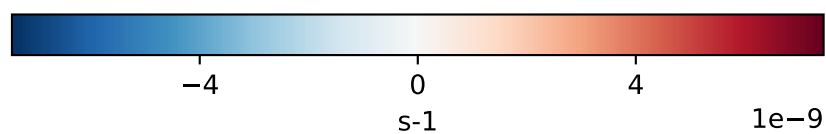
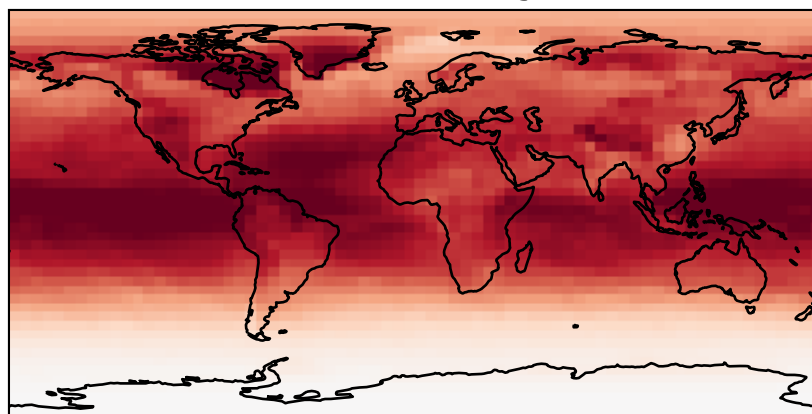
GCC\_13.0.0 (Dev)  
4.0x5.0



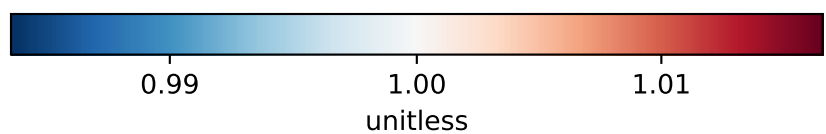
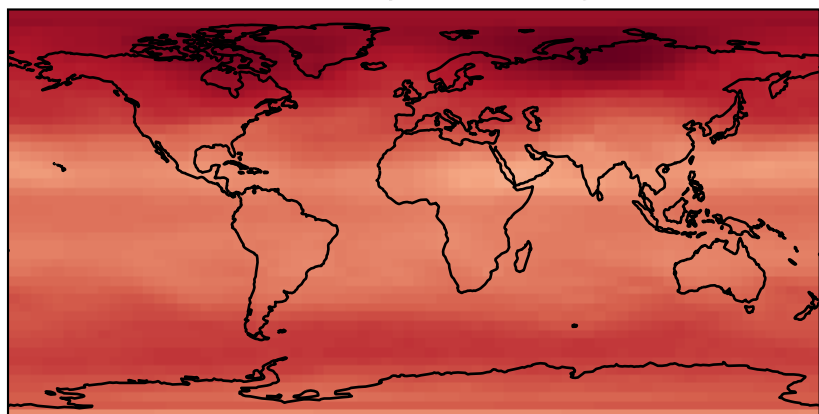
Difference  
Dev - Ref, Dynamic Range



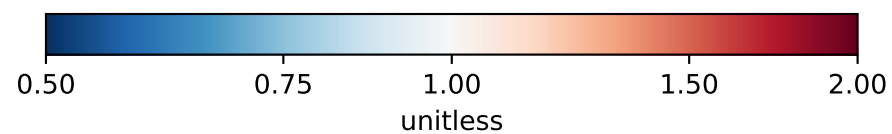
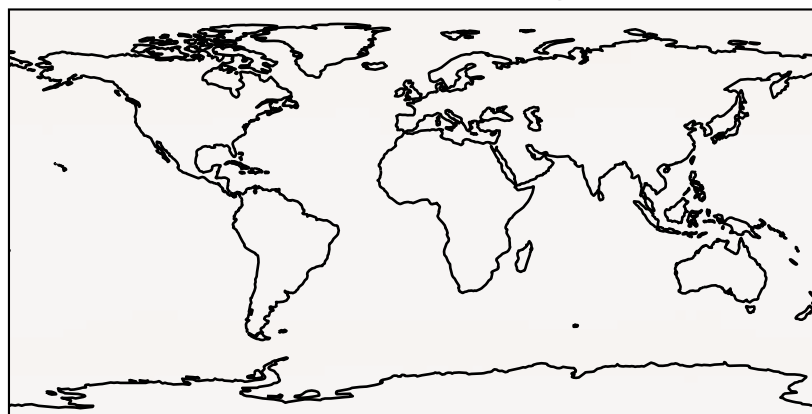
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

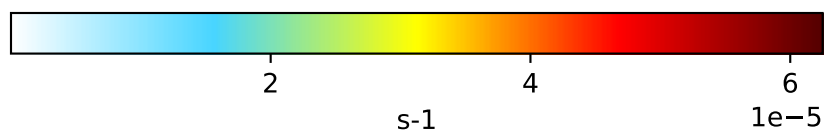
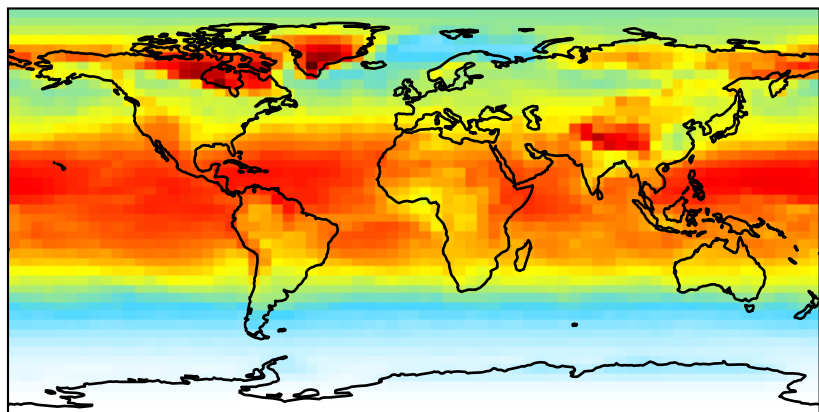


Ratio  
Dev/Ref, Fixed Range

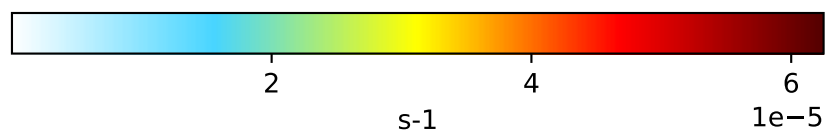
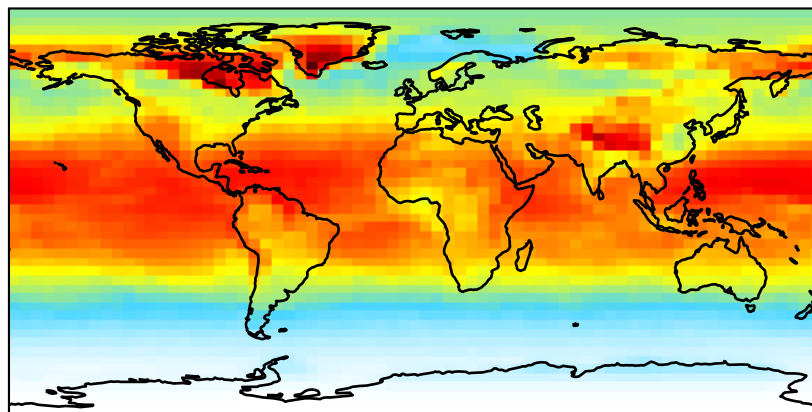


# Jval\_ITCN (Apr2019)

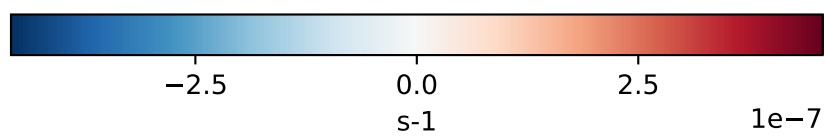
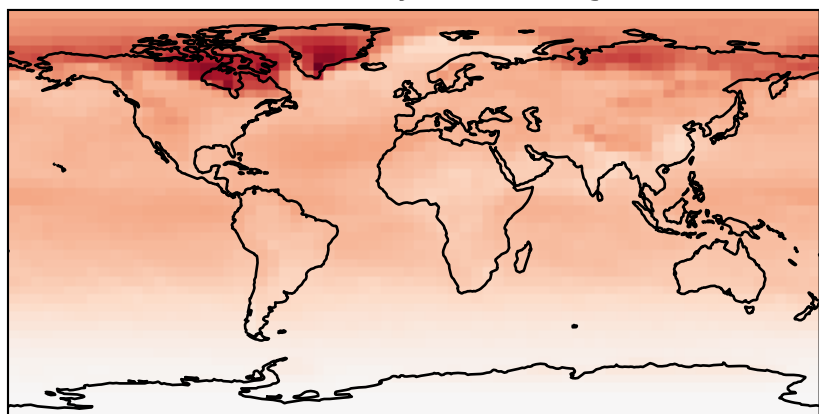
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



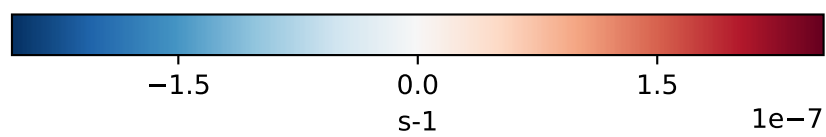
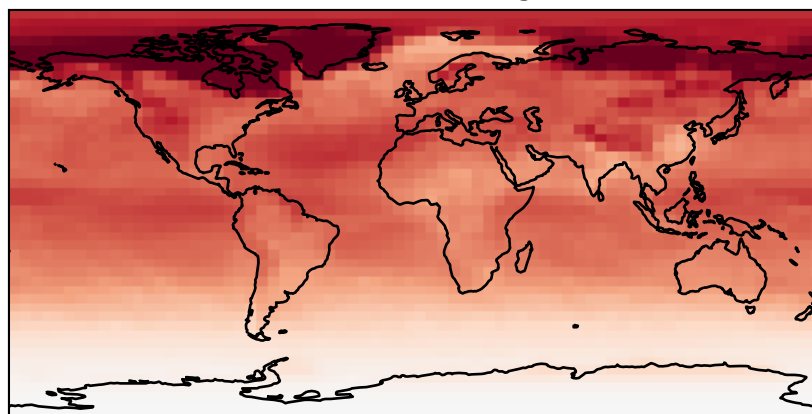
GCC\_13.0.0 (Dev)  
4.0x5.0



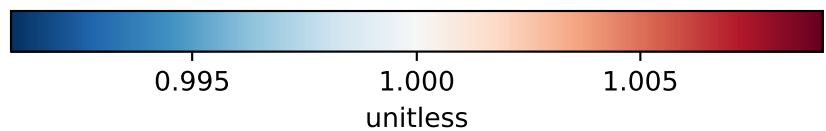
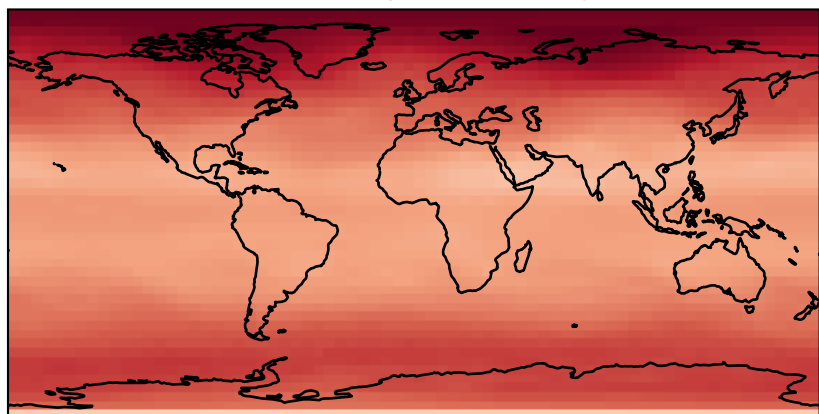
Difference  
Dev - Ref, Dynamic Range



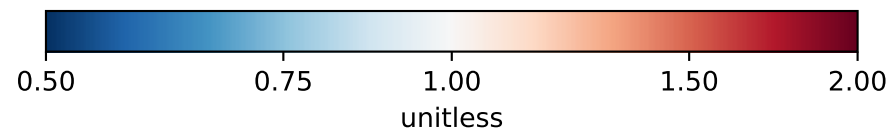
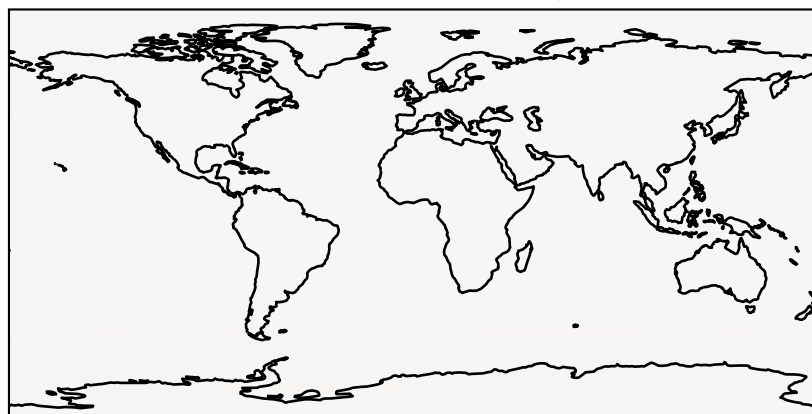
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

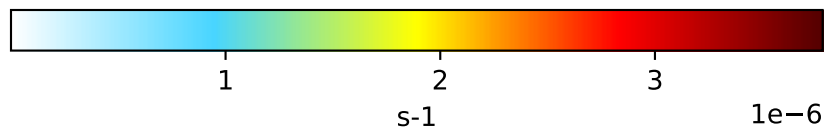
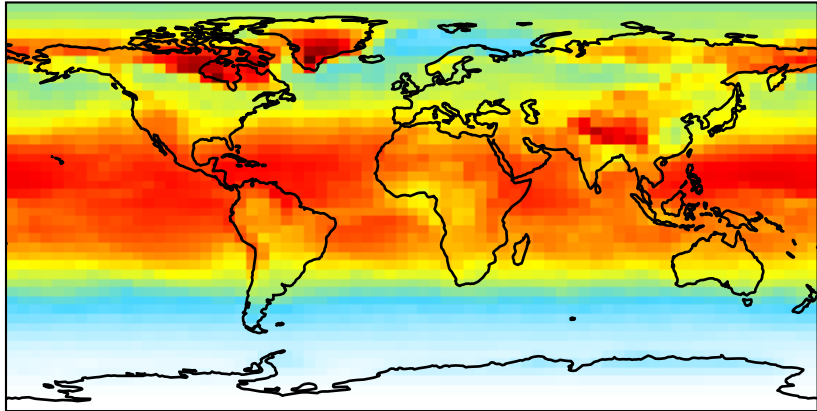


Ratio  
Dev/Ref, Fixed Range

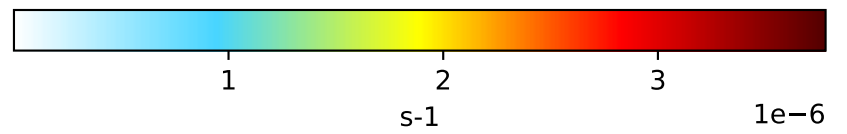
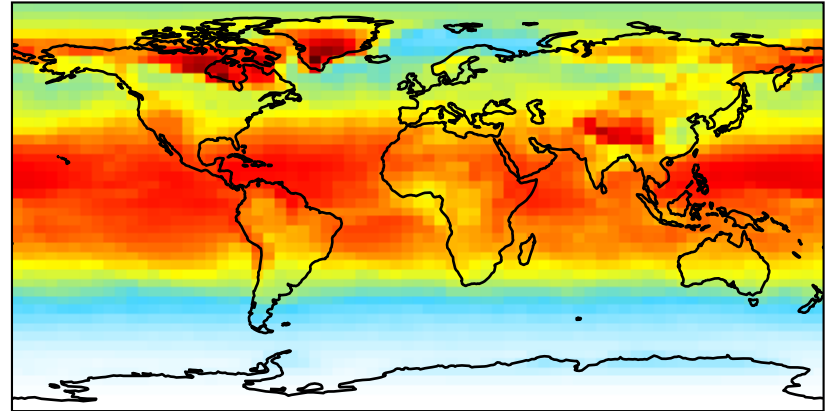


# Jval\_ITHN (Apr2019)

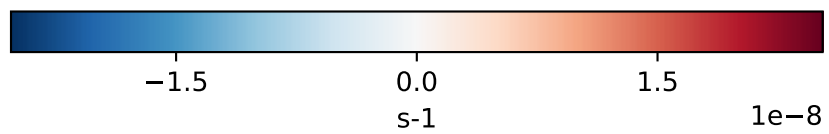
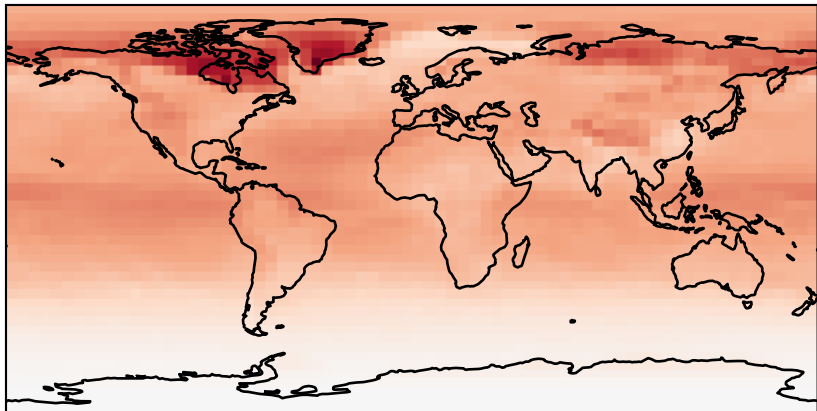
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



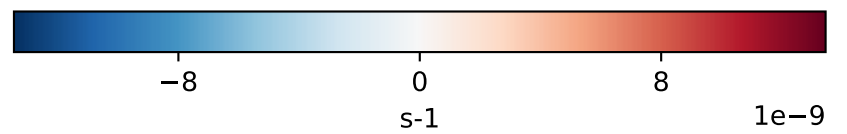
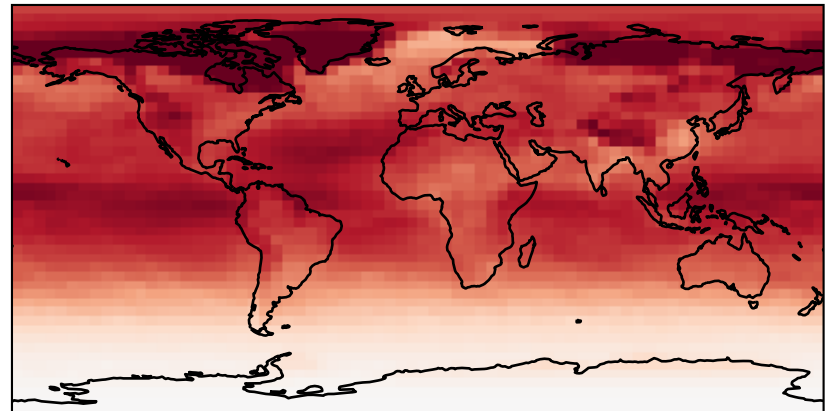
GCC\_13.0.0 (Dev)  
4.0x5.0



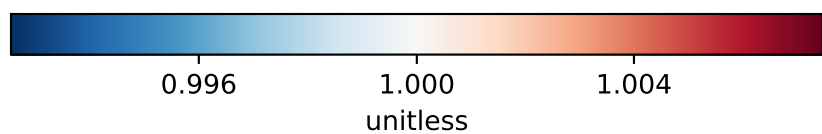
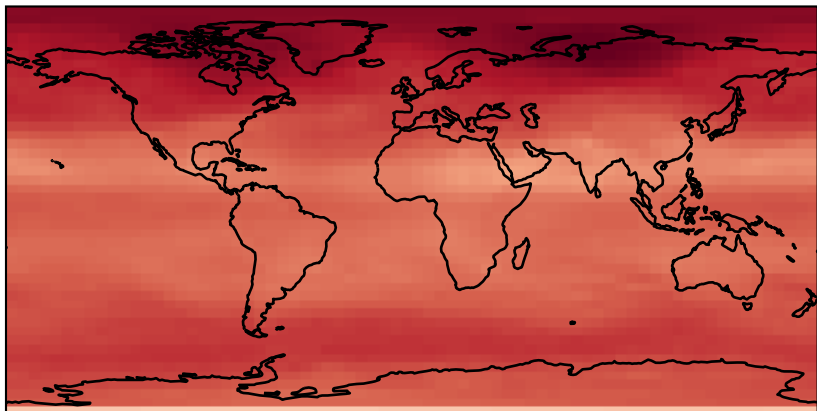
Difference  
Dev - Ref, Dynamic Range



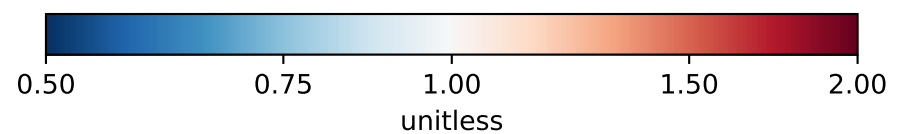
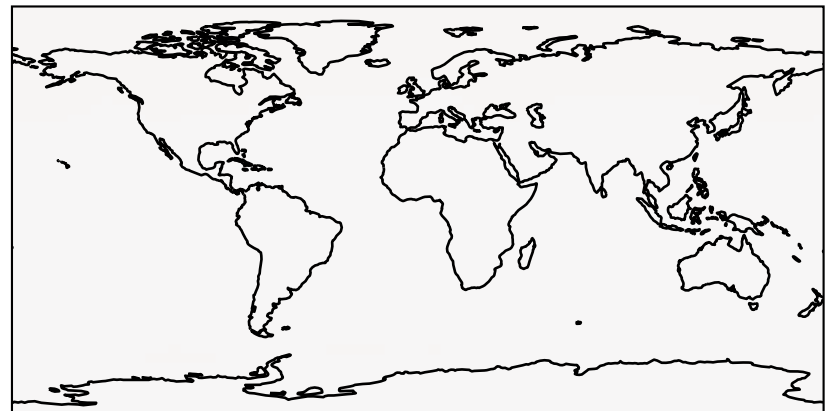
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



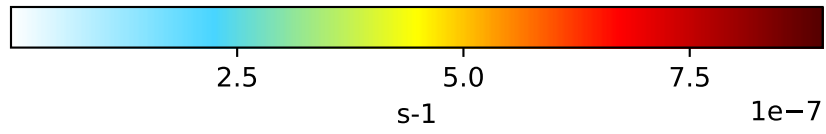
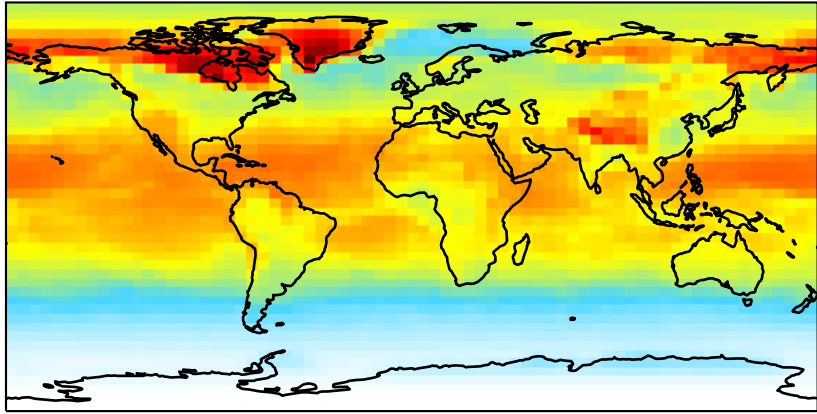
Ratio  
Dev/Ref, Fixed Range



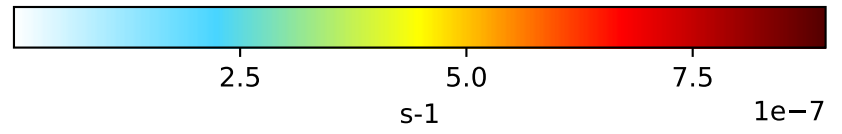
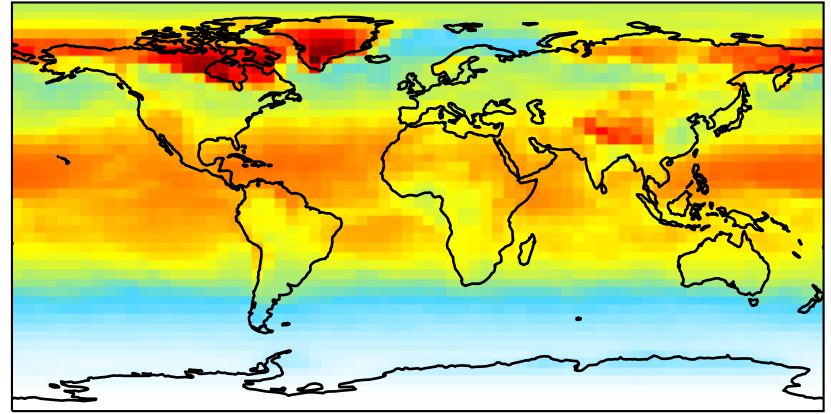


# Jval\_MACR (Apr2019)

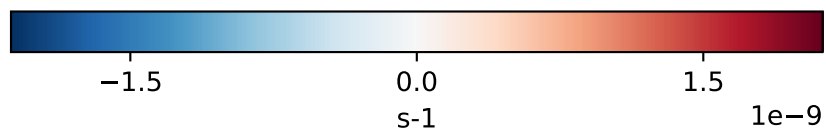
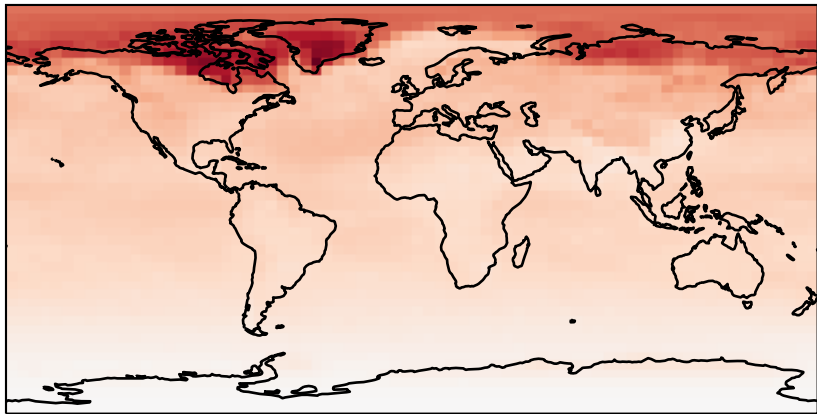
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



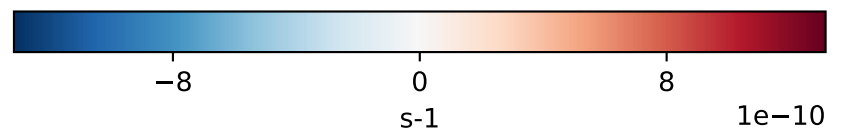
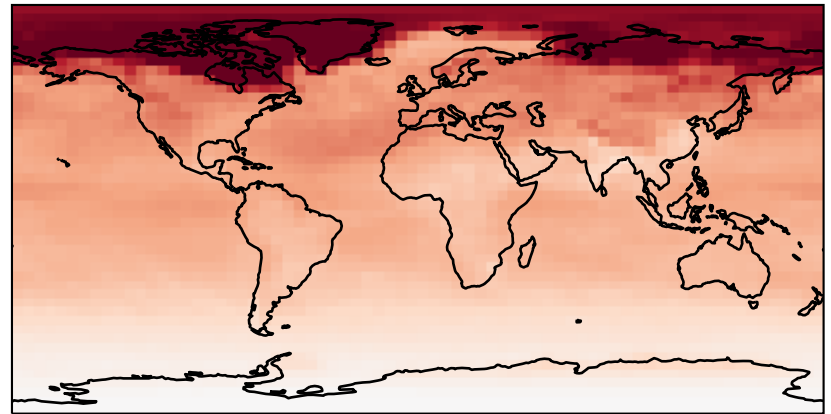
GCC\_13.0.0 (Dev)  
4.0x5.0



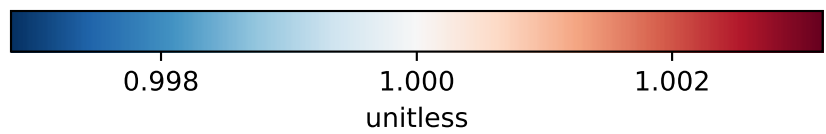
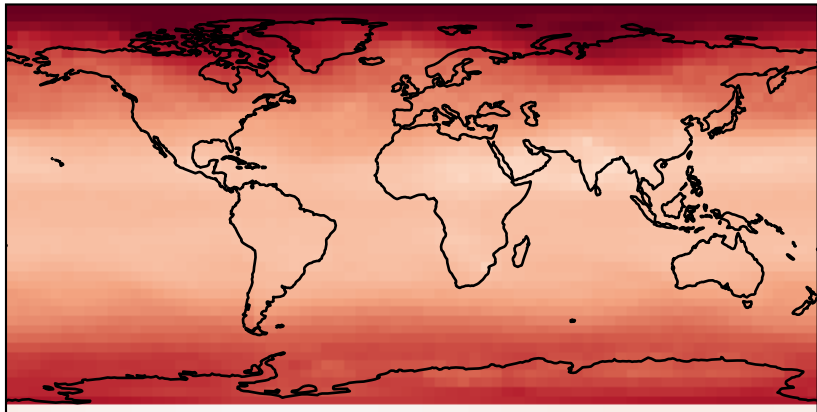
Difference  
Dev - Ref, Dynamic Range



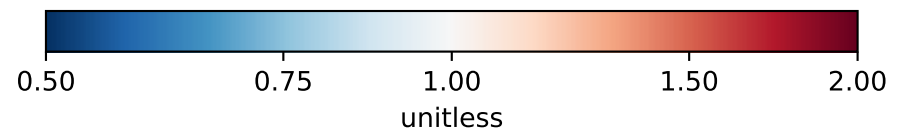
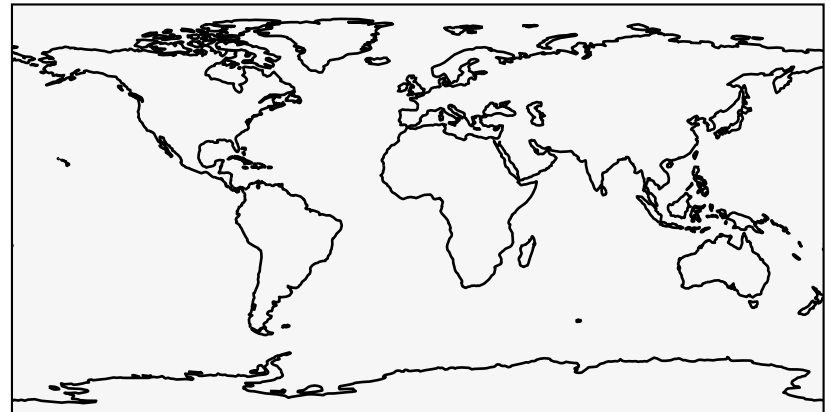
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

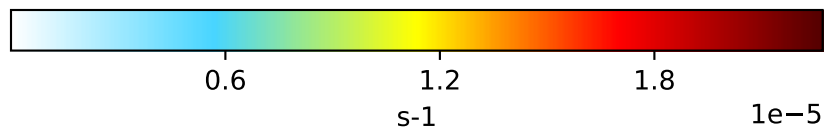
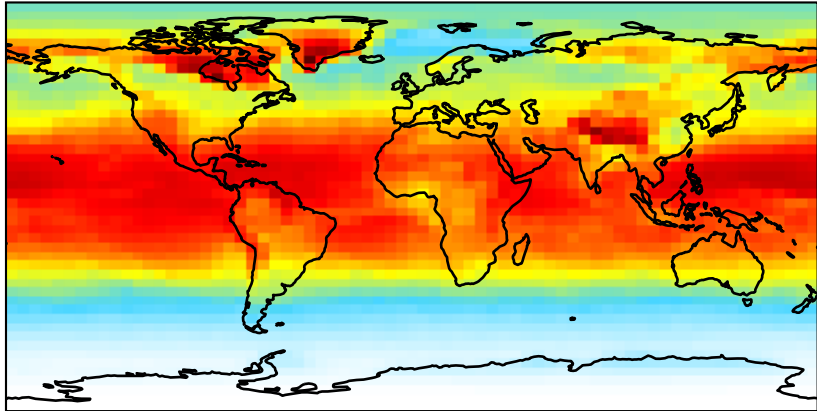


Ratio  
Dev/Ref, Fixed Range

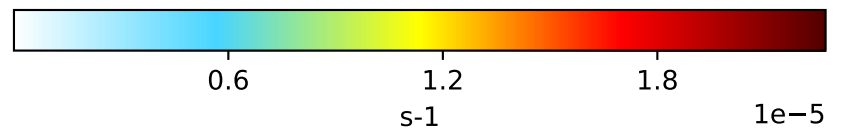
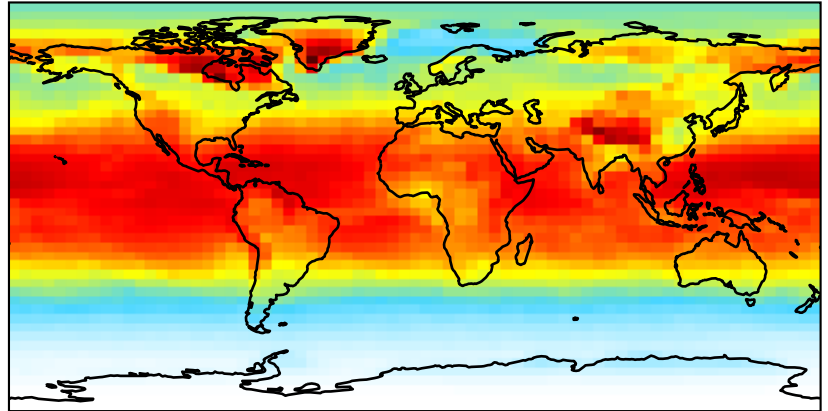


# Jval\_MACR100H (Apr2019)

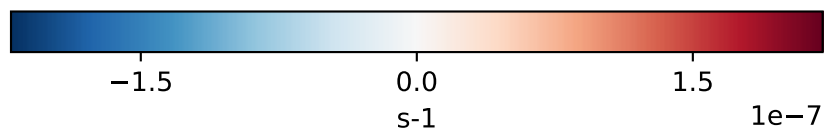
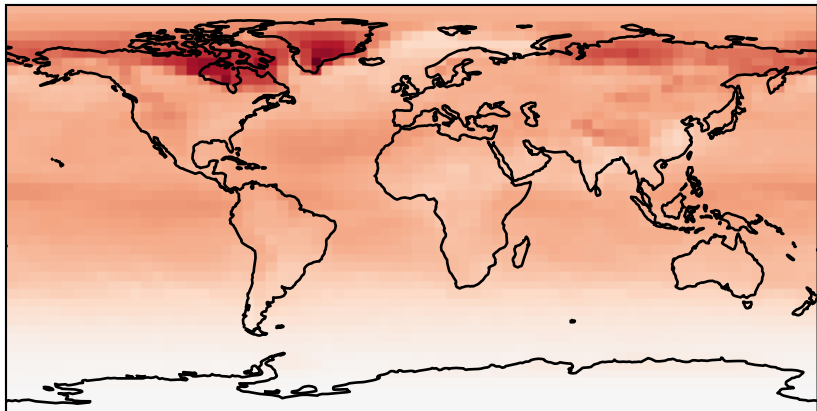
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



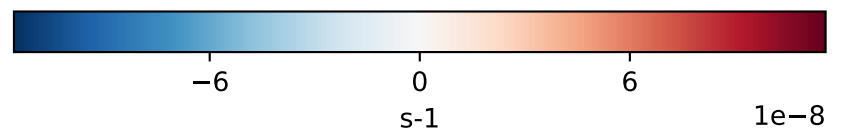
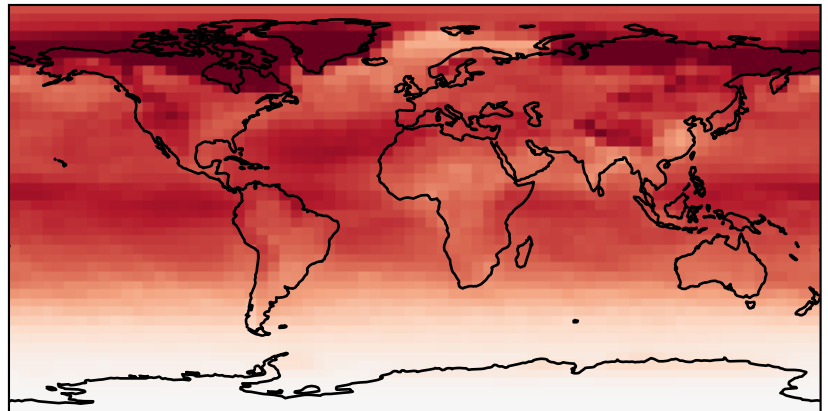
GCC\_13.0.0 (Dev)  
4.0x5.0



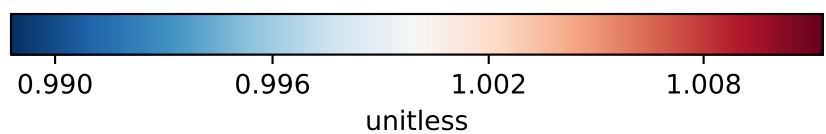
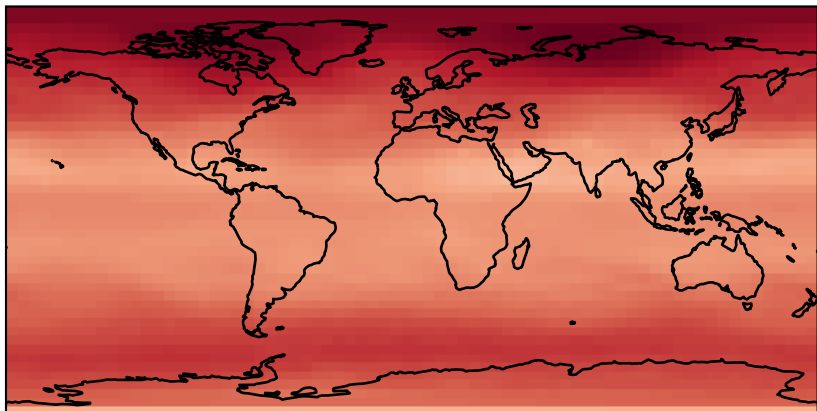
Difference  
Dev - Ref, Dynamic Range



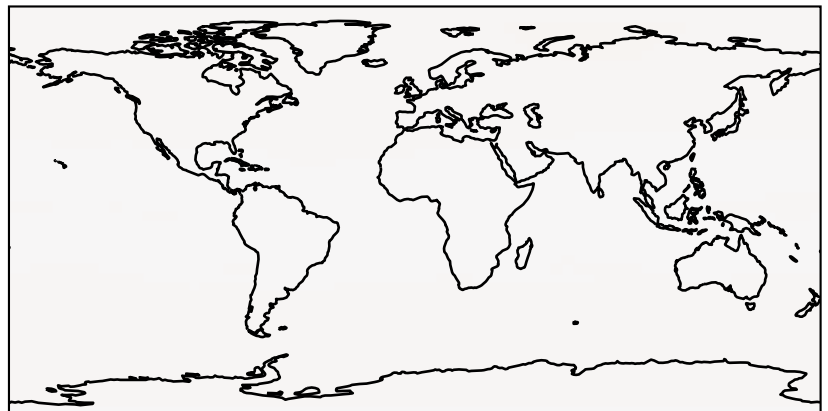
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

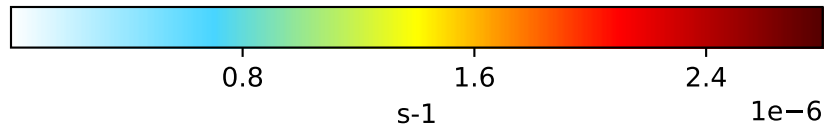
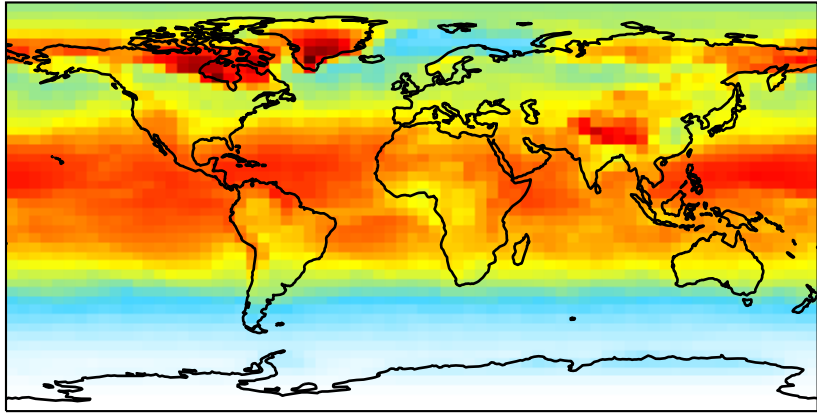


Ratio  
Dev/Ref, Fixed Range

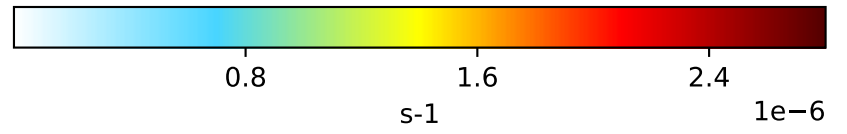
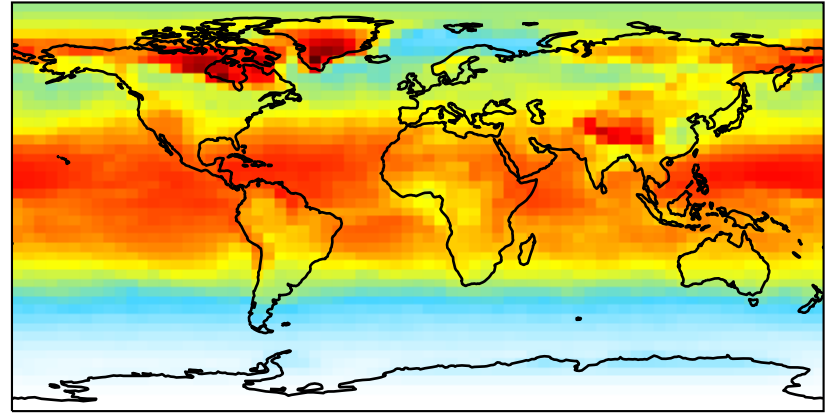


# Jval\_MAP (Apr2019)

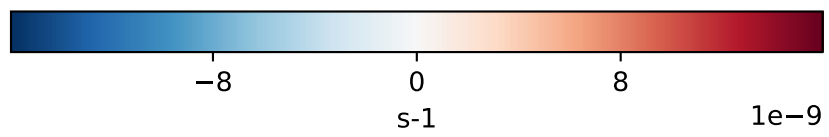
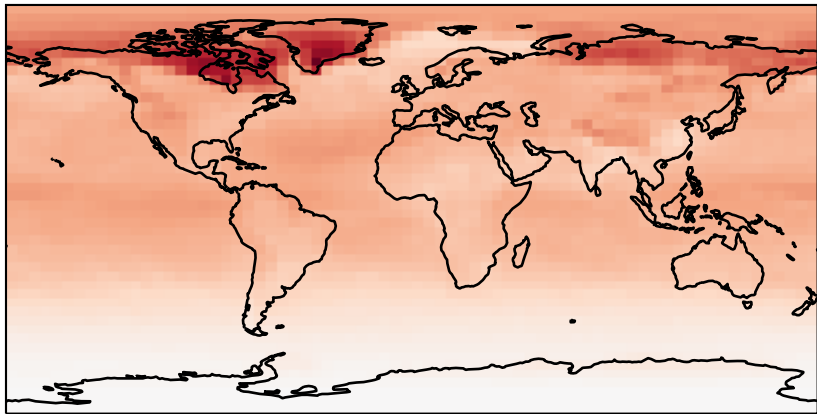
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



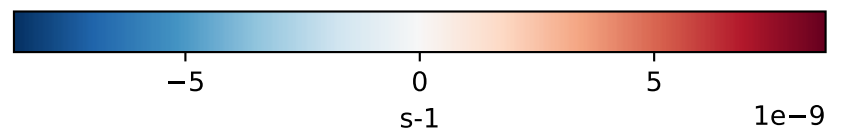
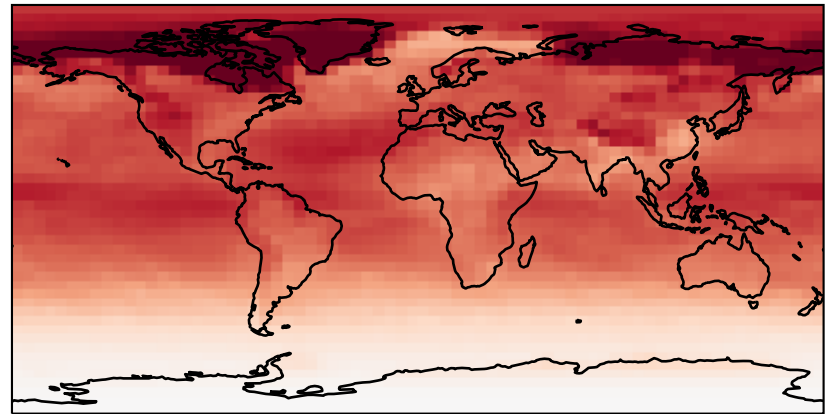
GCC\_13.0.0 (Dev)  
4.0x5.0



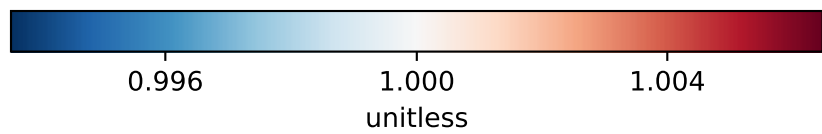
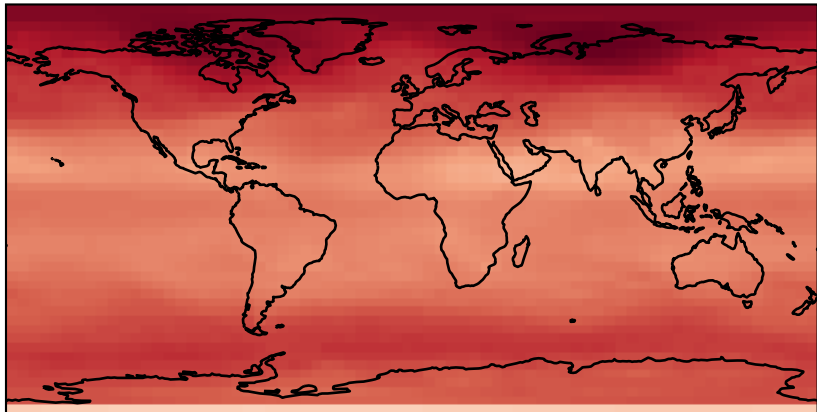
Difference  
Dev - Ref, Dynamic Range



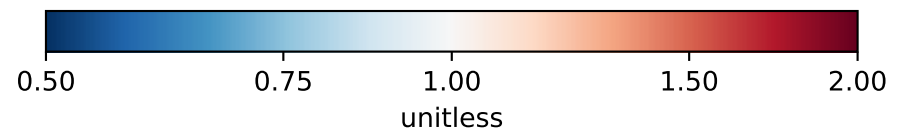
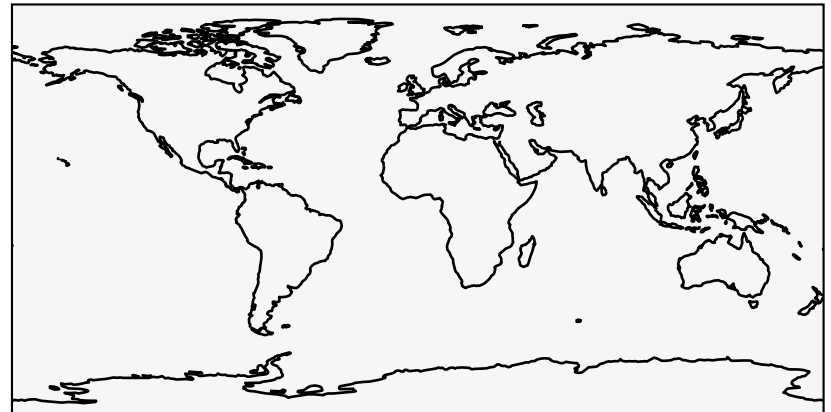
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

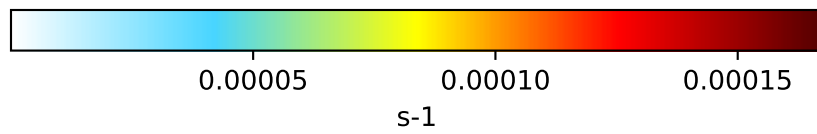
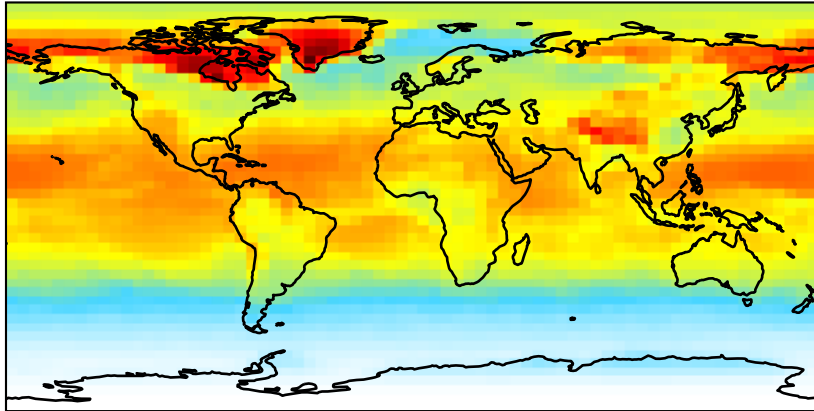


Ratio  
Dev/Ref, Fixed Range

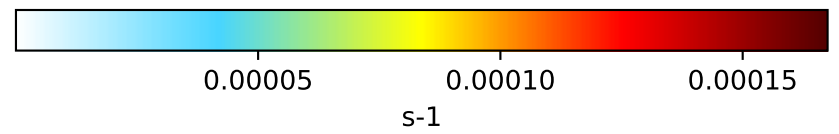
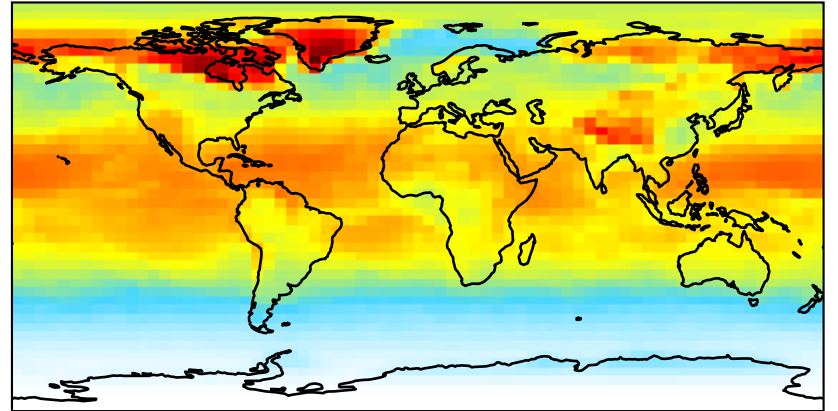


# Jval\_MCRENOL (Apr2019)

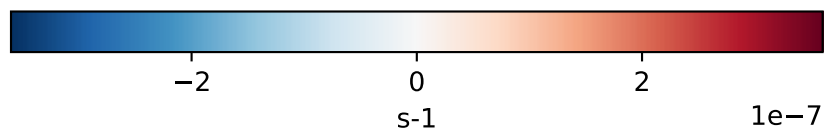
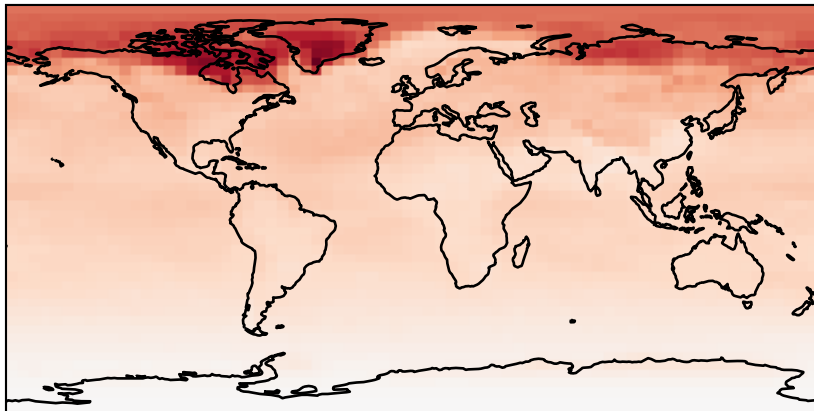
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



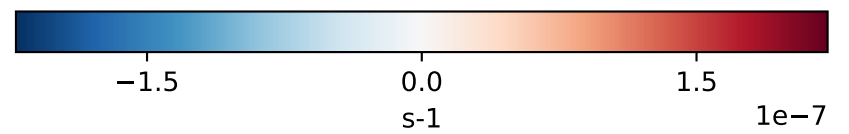
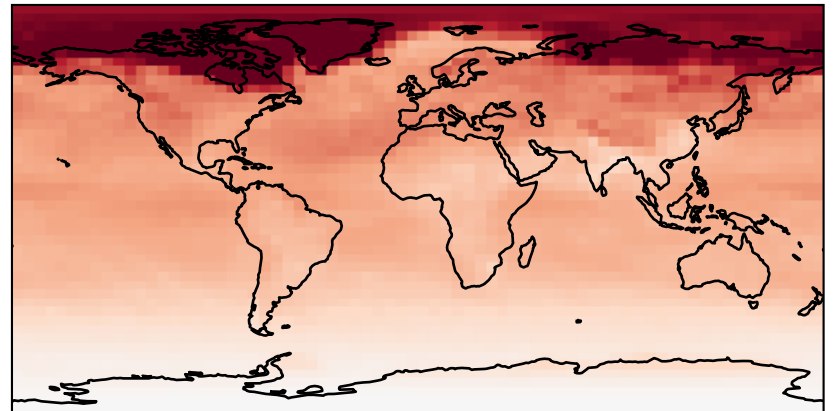
GCC\_13.0.0 (Dev)  
4.0x5.0



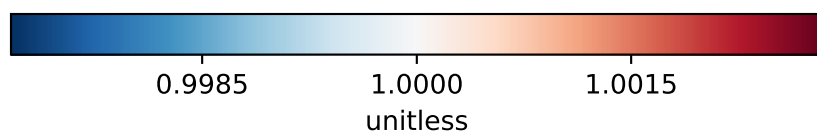
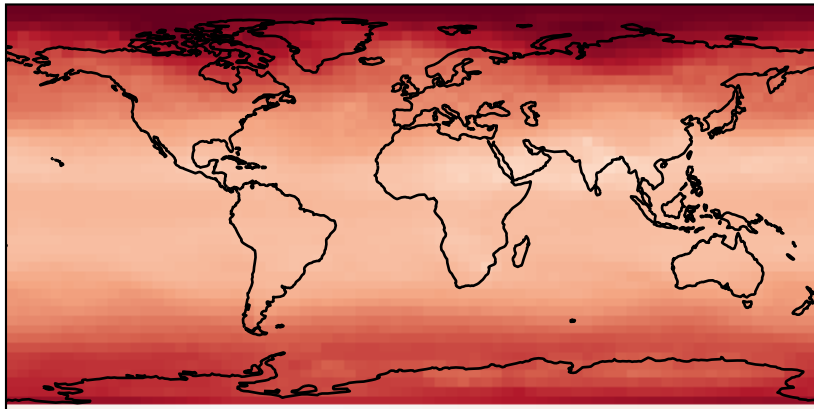
Difference  
Dev - Ref, Dynamic Range



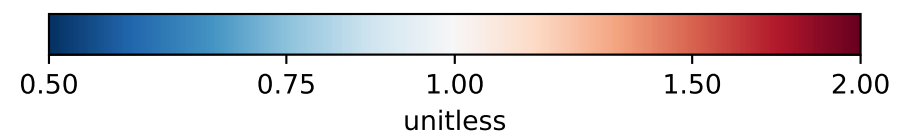
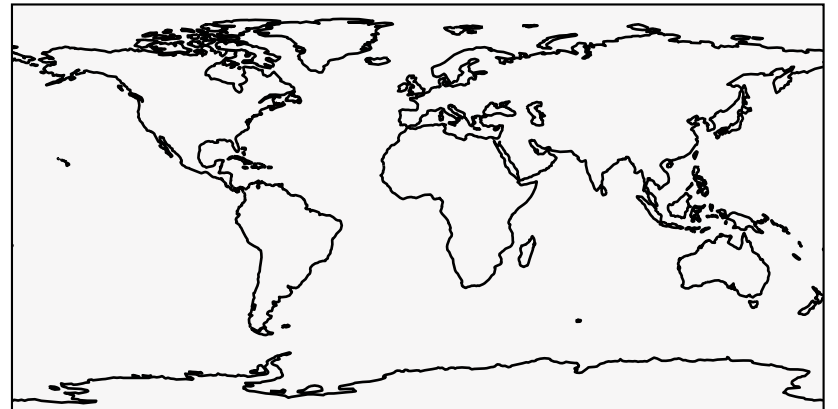
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

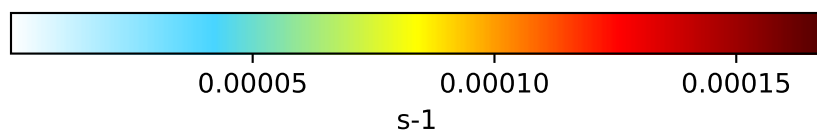
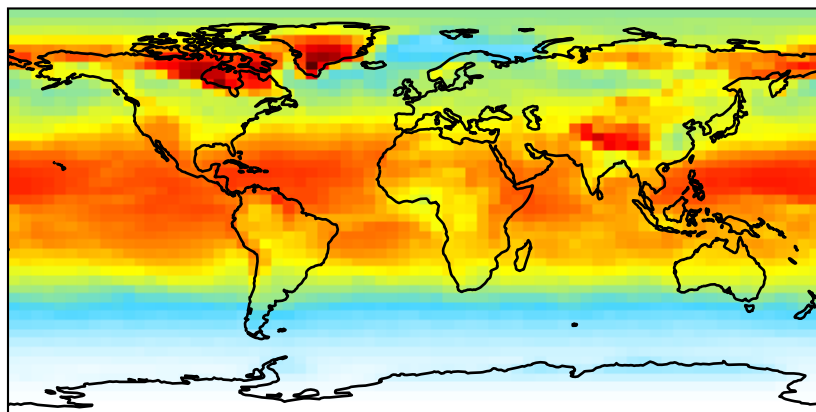


Ratio  
Dev/Ref, Fixed Range

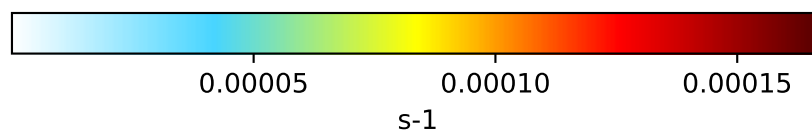
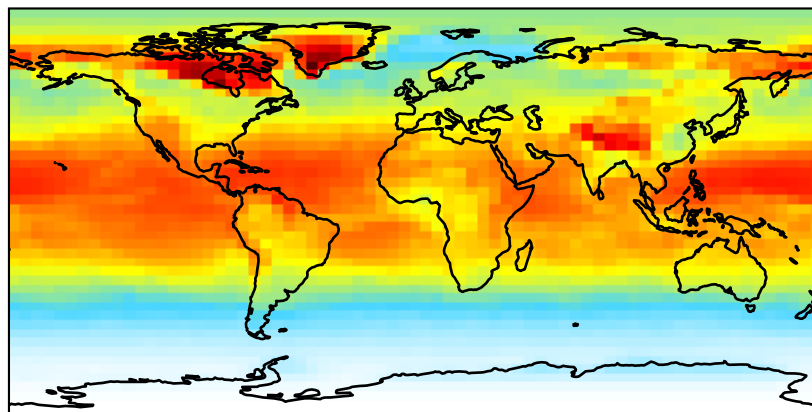


# Jval\_MCRHN (Apr2019)

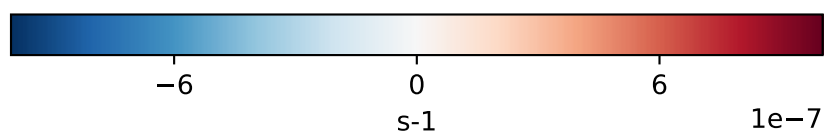
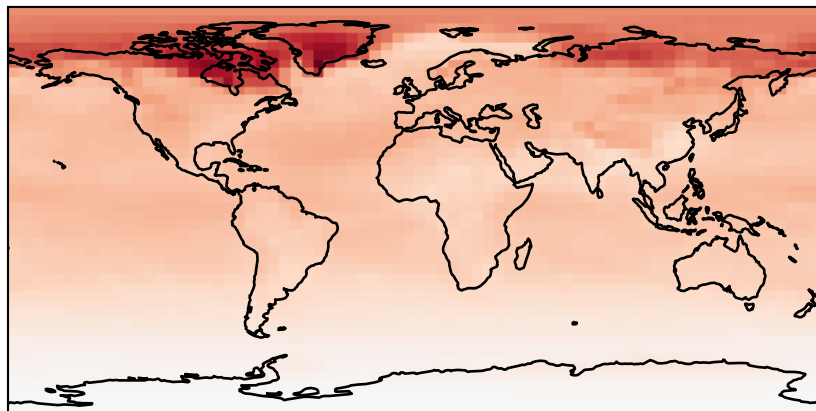
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



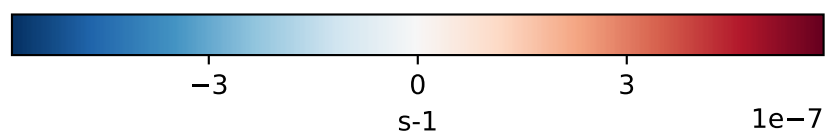
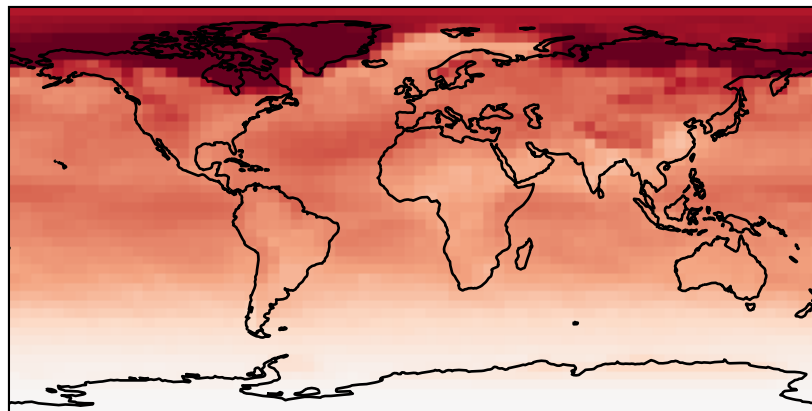
GCC\_13.0.0 (Dev)  
4.0x5.0



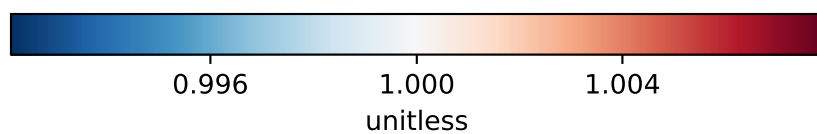
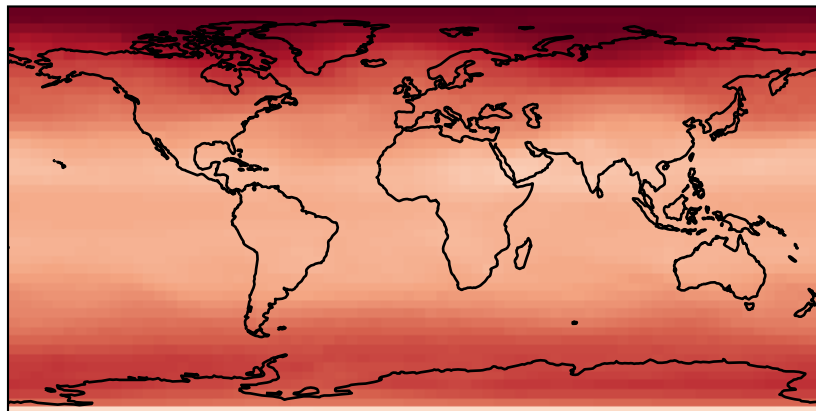
Difference  
Dev - Ref, Dynamic Range



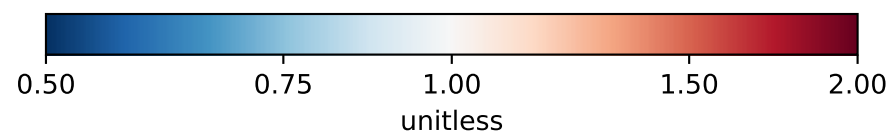
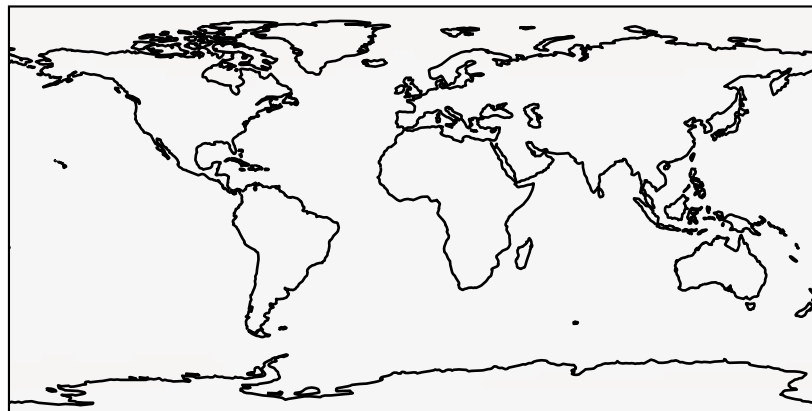
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



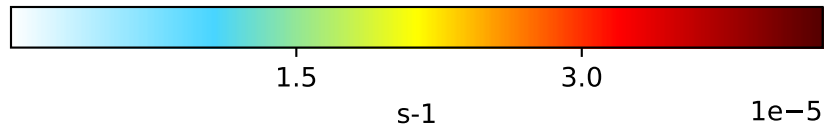
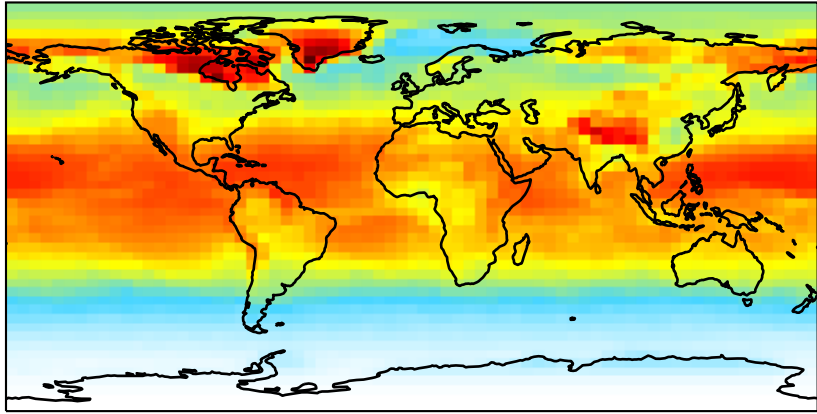
Ratio  
Dev/Ref, Fixed Range



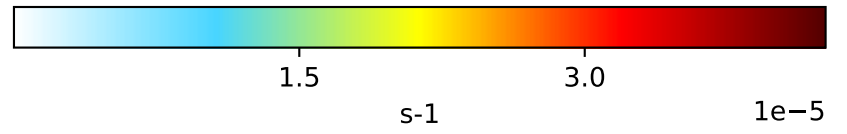
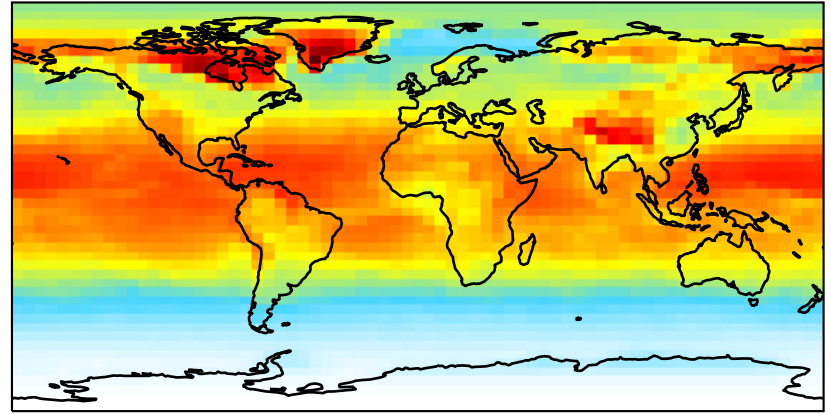


# Jval\_MCRHNB (Apr2019)

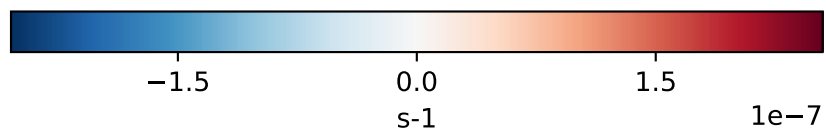
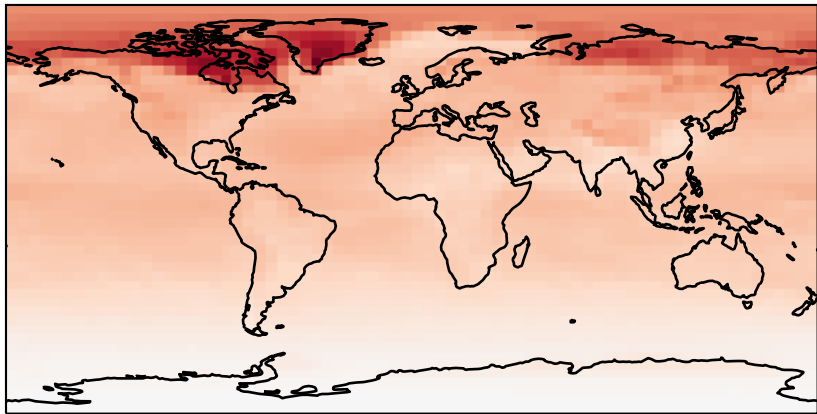
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



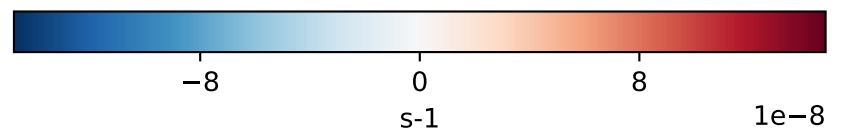
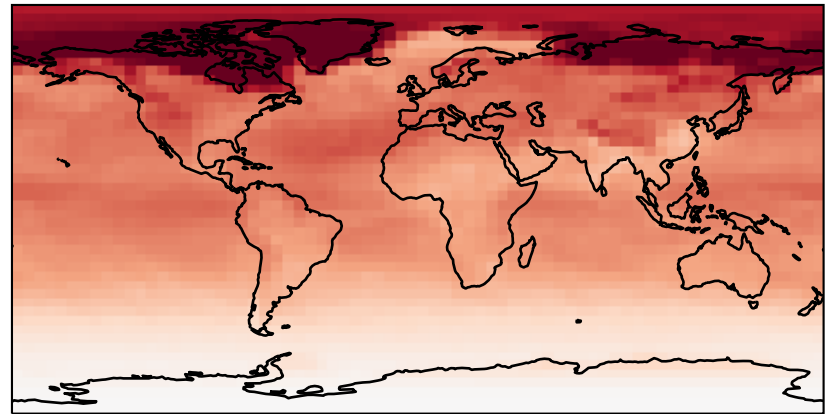
GCC\_13.0.0 (Dev)  
4.0x5.0



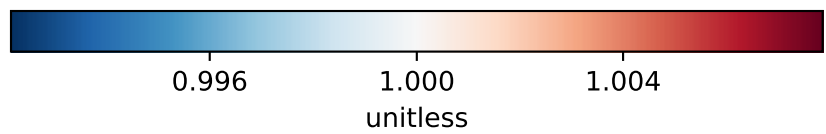
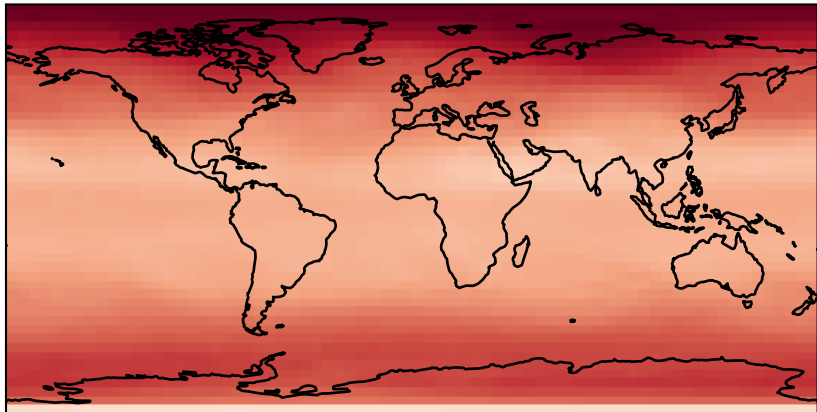
Difference  
Dev - Ref, Dynamic Range



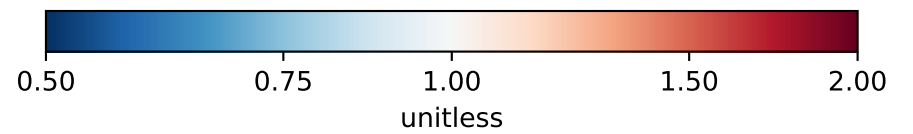
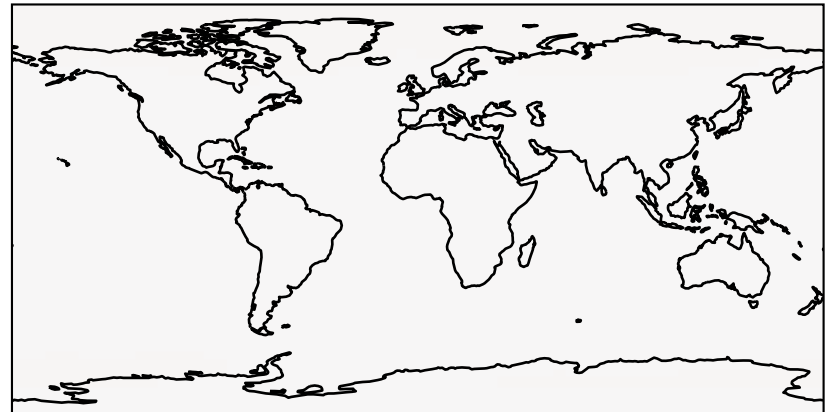
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

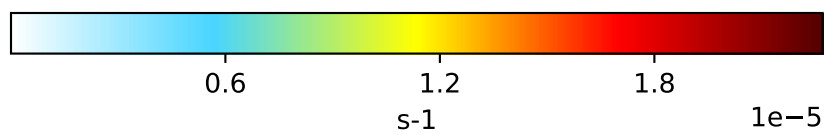
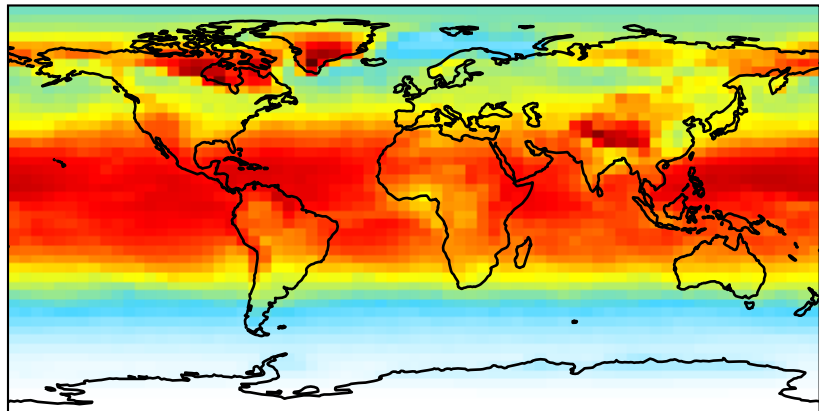


Ratio  
Dev/Ref, Fixed Range

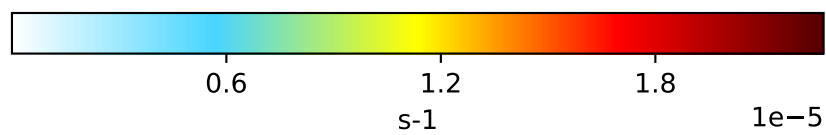
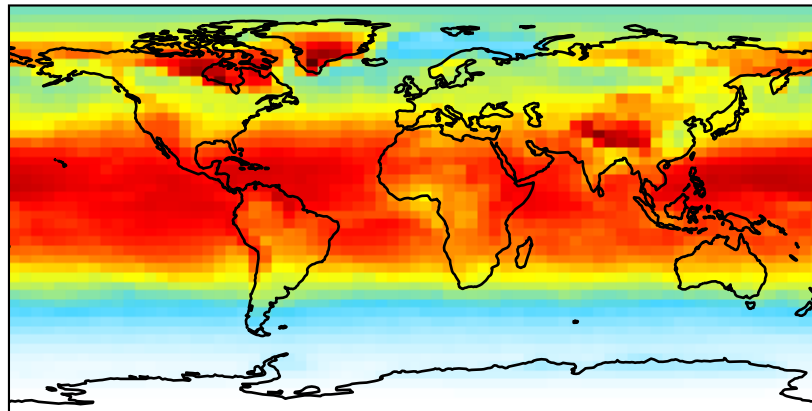


# Jval\_MCRHP (Apr2019)

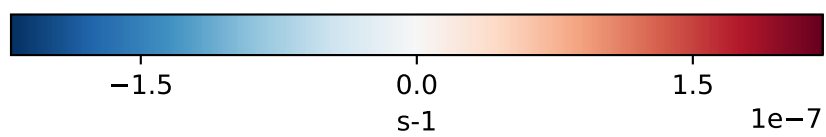
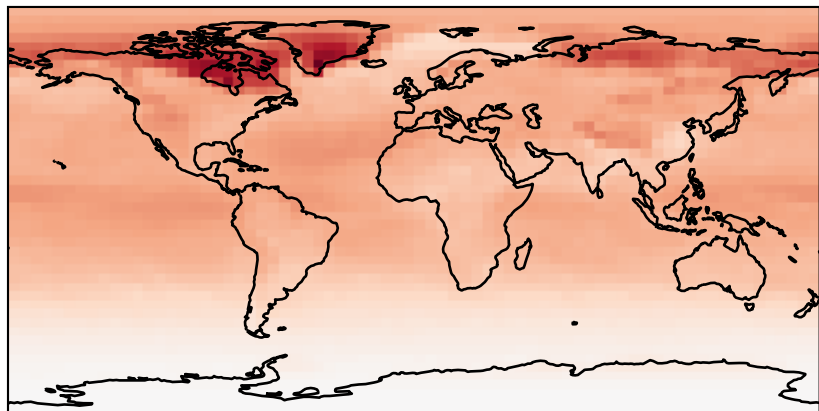
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



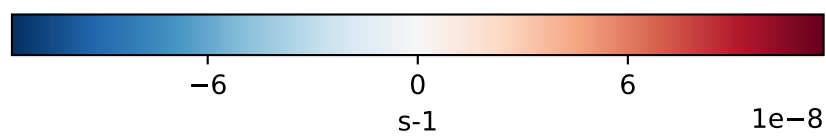
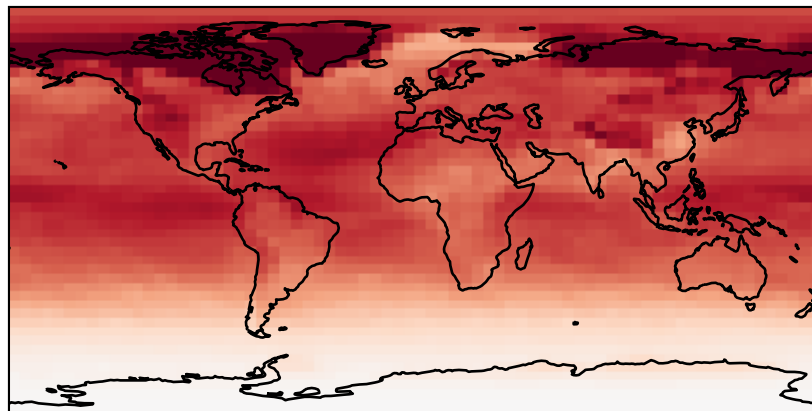
GCC\_13.0.0 (Dev)  
4.0x5.0



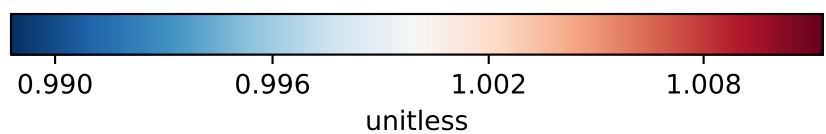
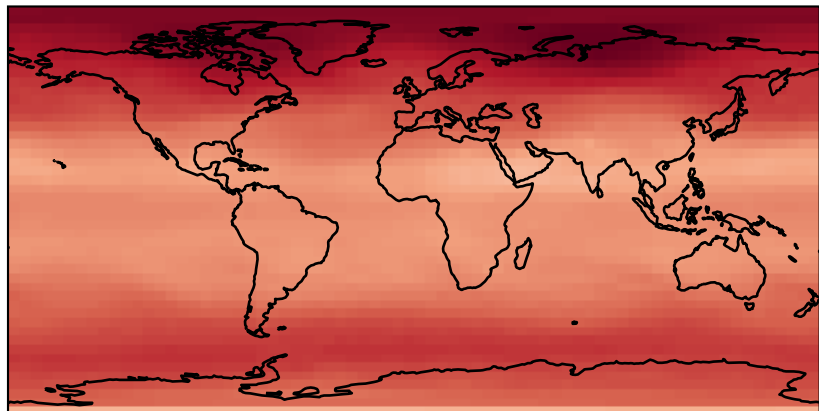
Difference  
Dev - Ref, Dynamic Range



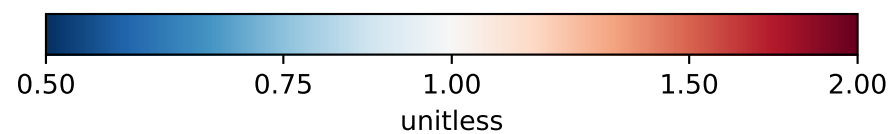
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

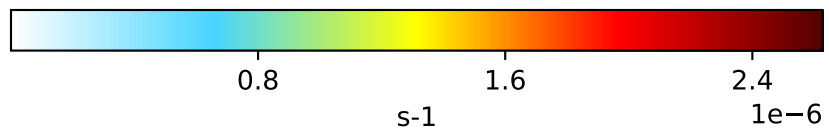
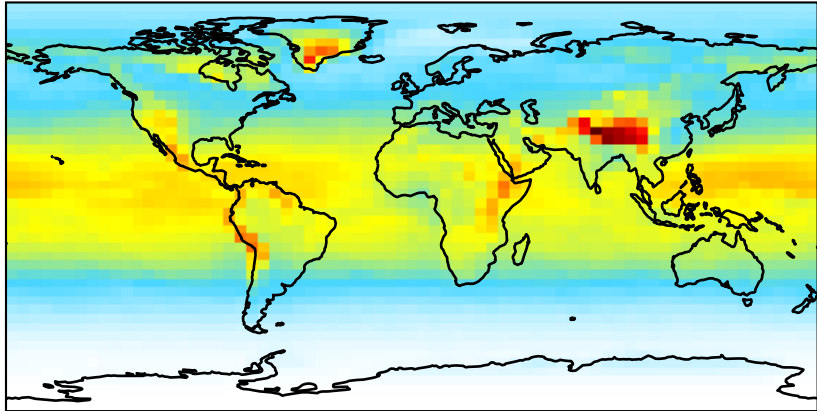


Ratio  
Dev/Ref, Fixed Range

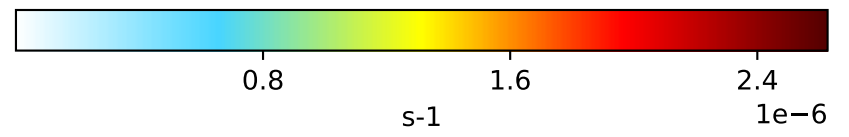
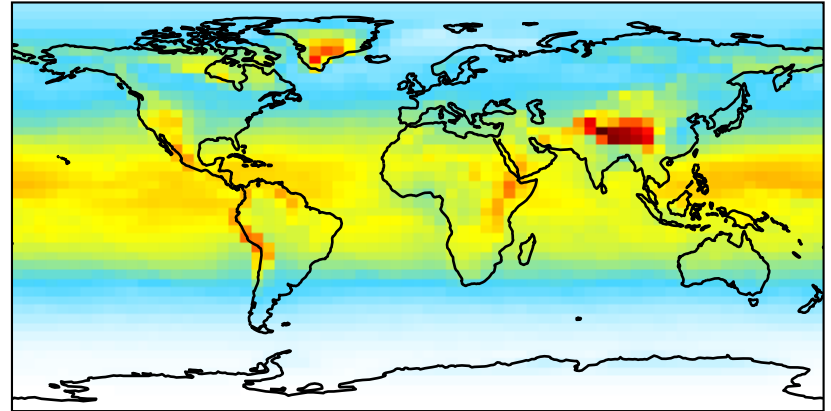


# Jval\_MEK (Apr2019)

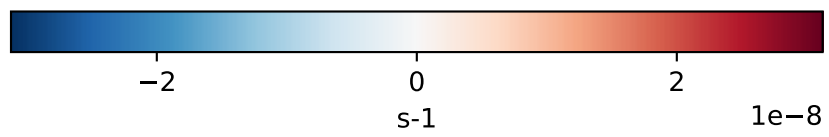
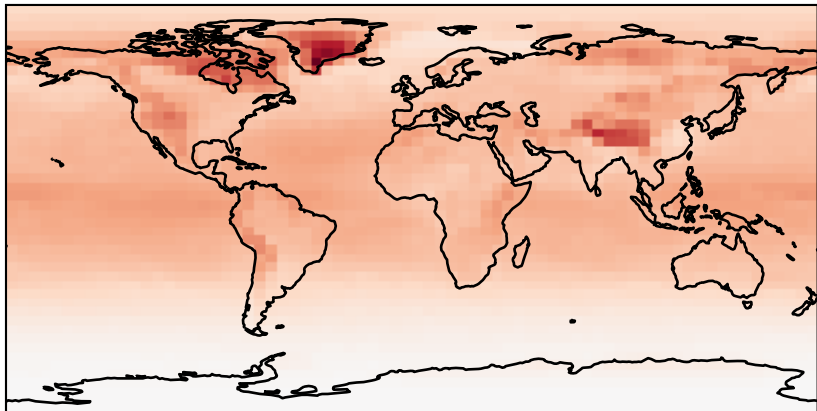
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



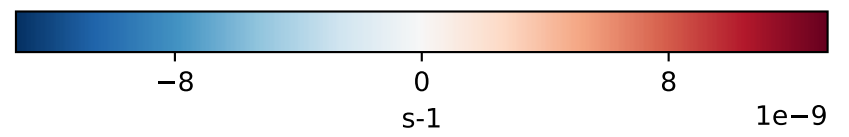
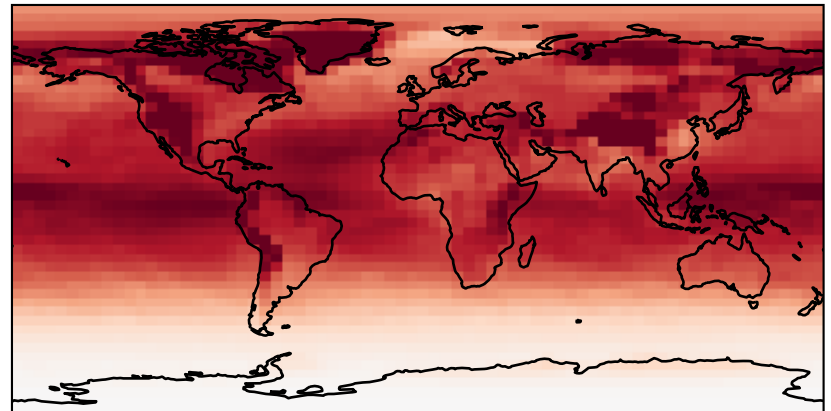
GCC\_13.0.0 (Dev)  
4.0x5.0



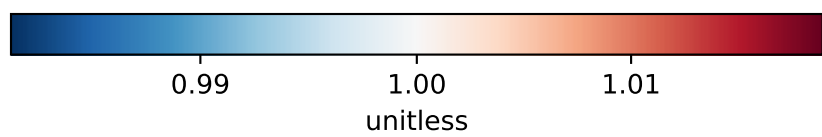
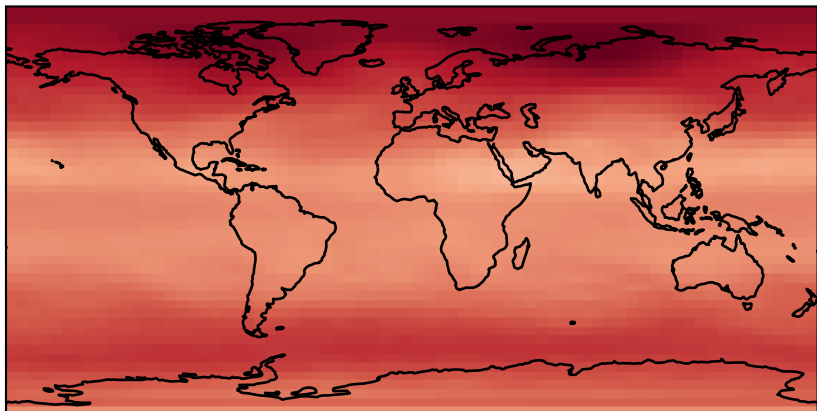
Difference  
Dev - Ref, Dynamic Range



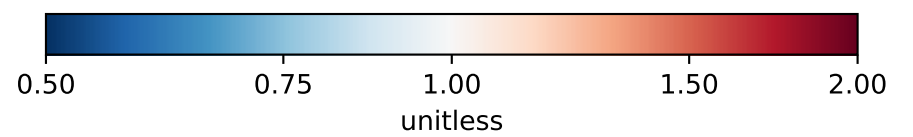
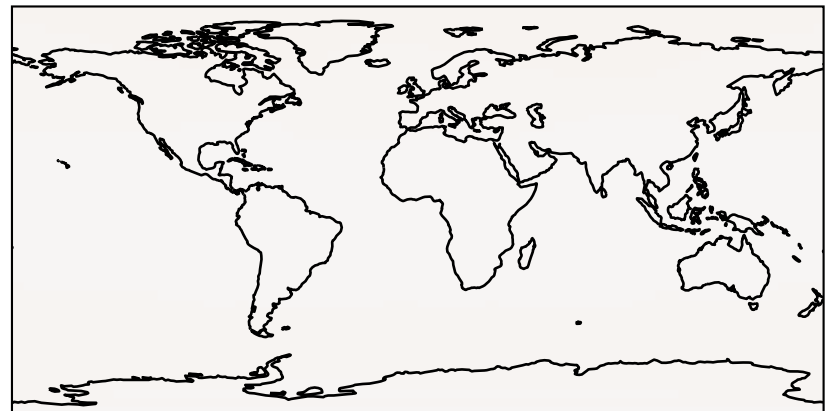
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

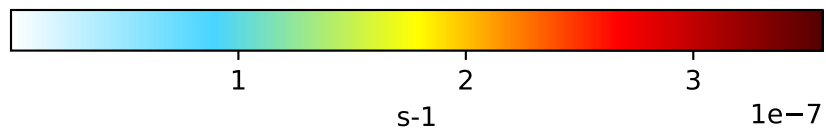
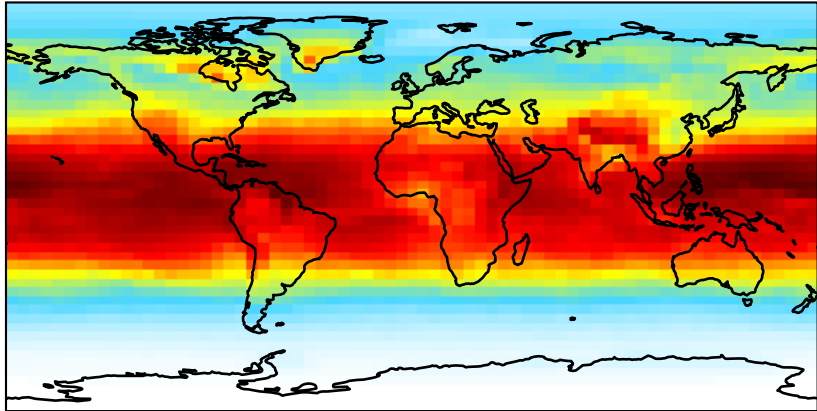


Ratio  
Dev/Ref, Fixed Range

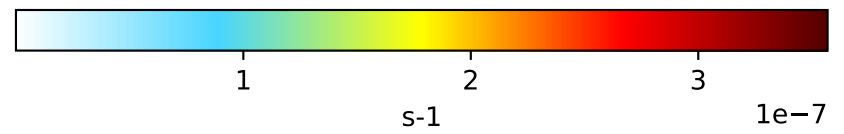
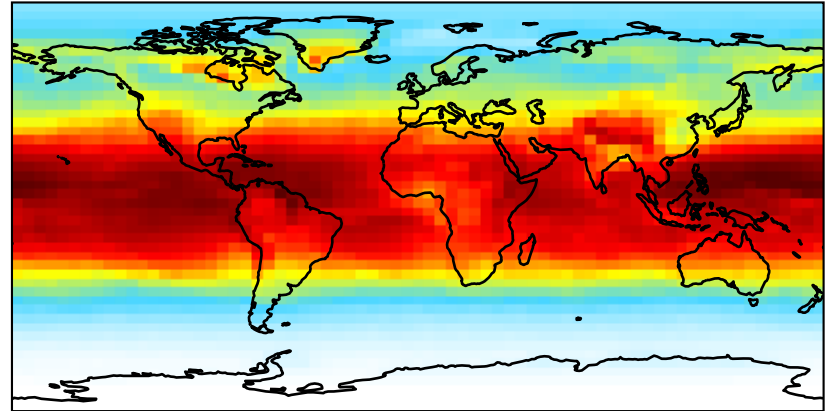


# Jval\_MENO3 (Apr2019)

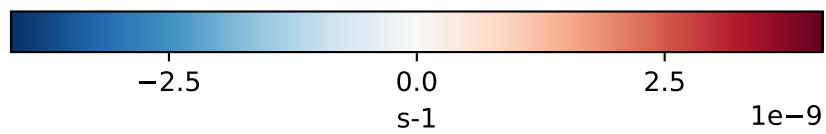
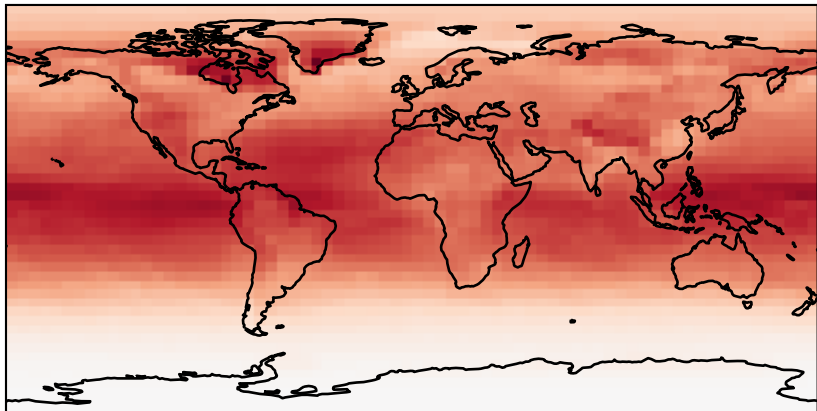
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



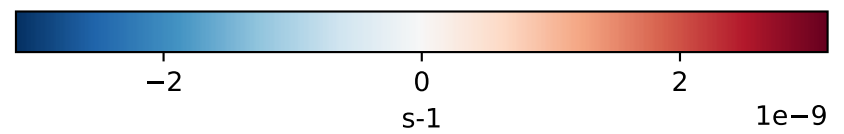
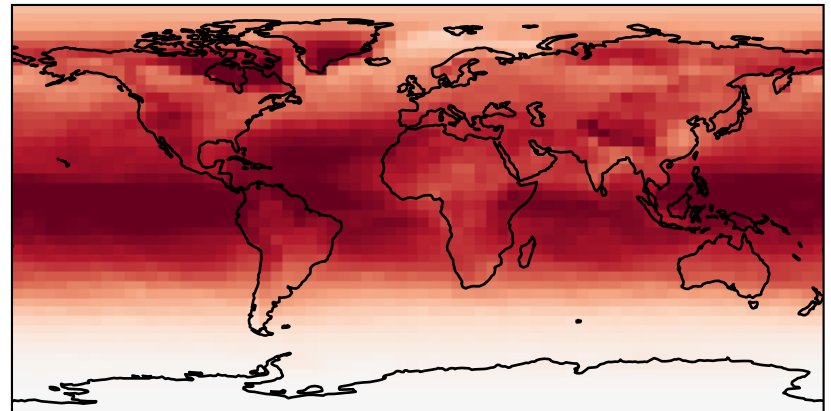
GCC\_13.0.0 (Dev)  
4.0x5.0



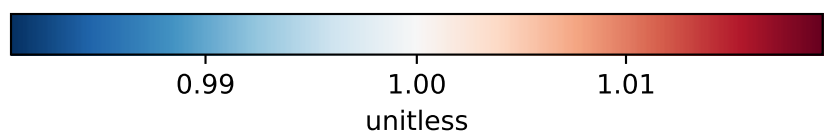
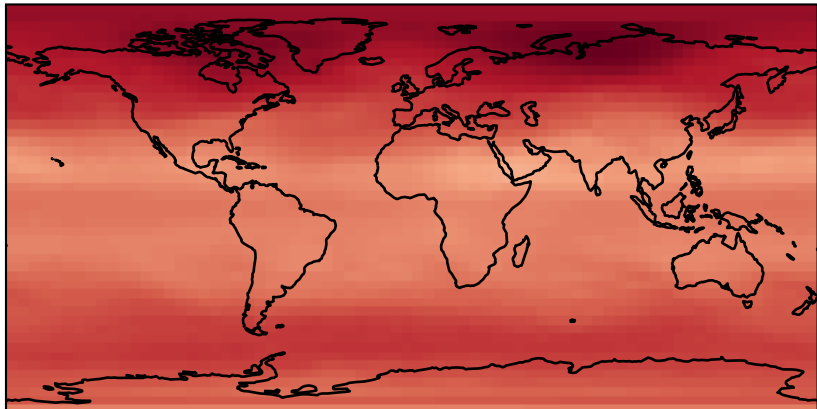
Difference  
Dev - Ref, Dynamic Range



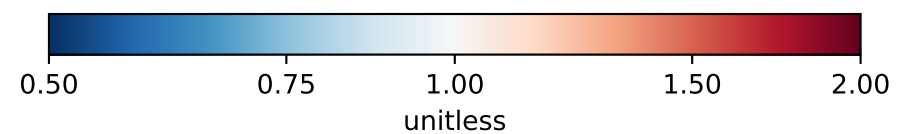
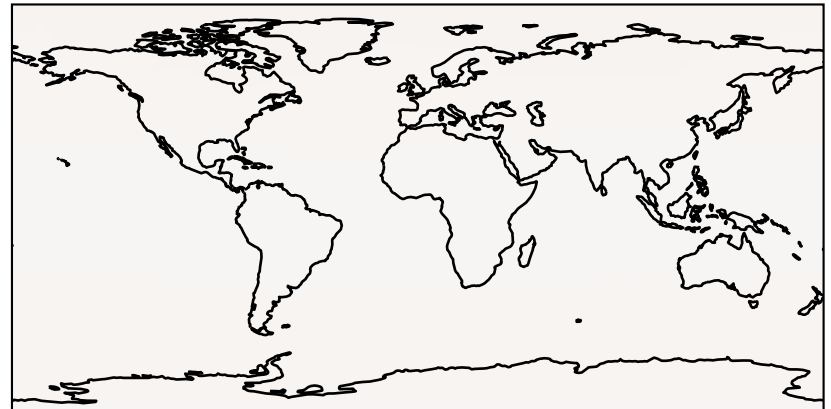
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

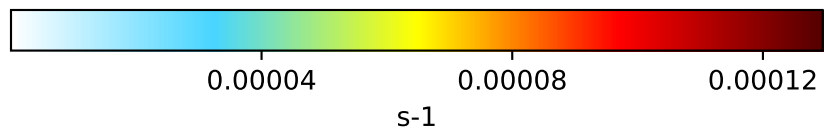
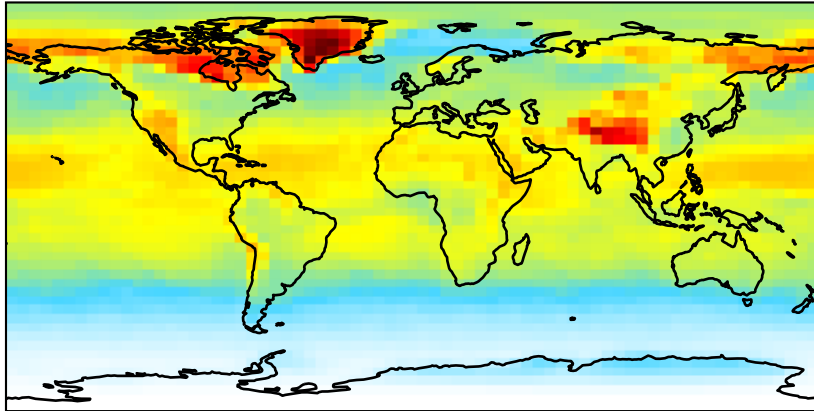


Ratio  
Dev/Ref, Fixed Range

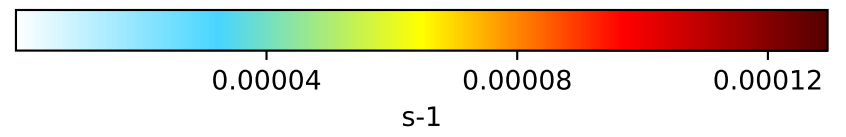
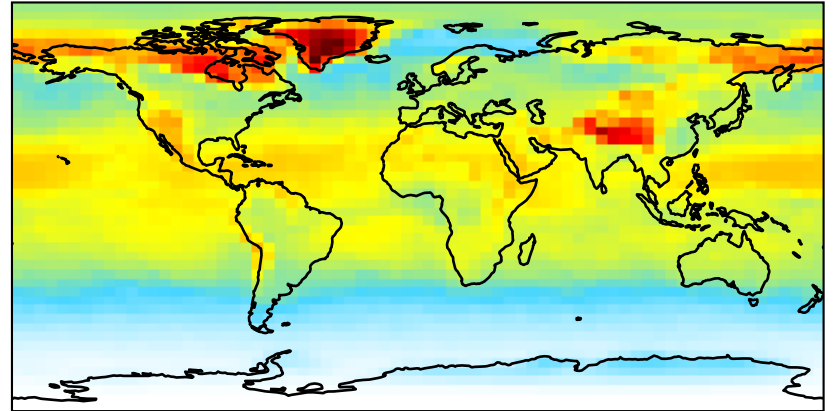


# Jval\_MGLY (Apr2019)

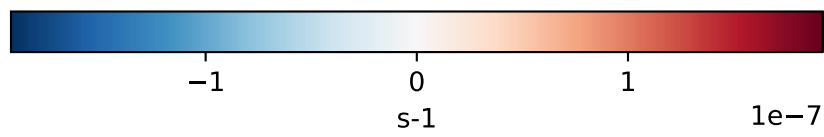
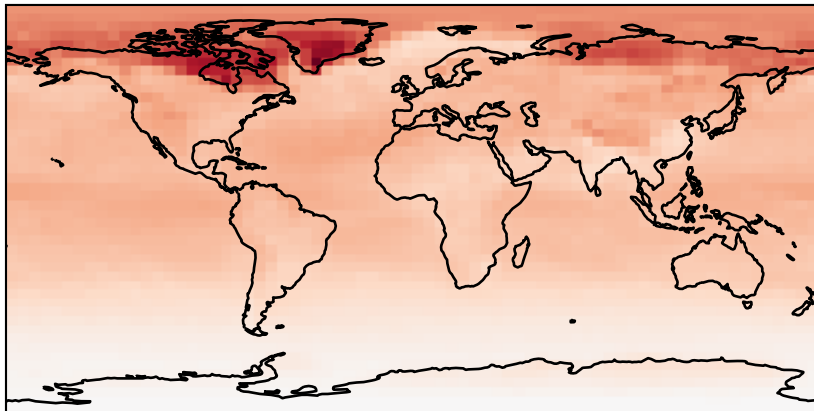
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



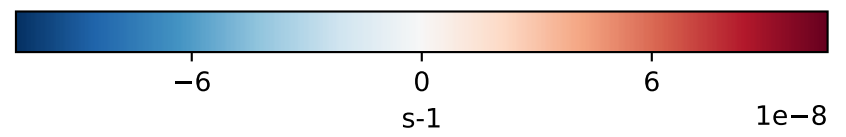
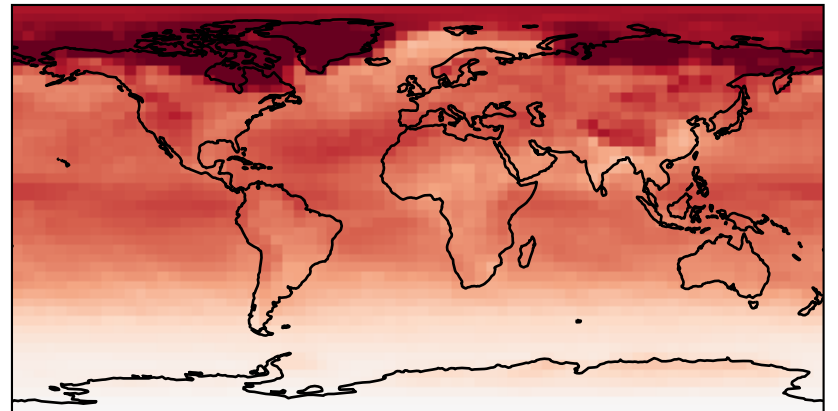
GCC\_13.0.0 (Dev)  
4.0x5.0



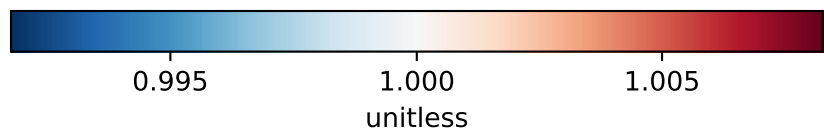
Difference  
Dev - Ref, Dynamic Range



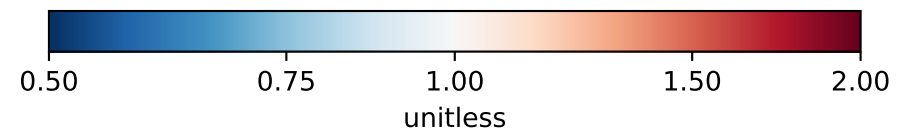
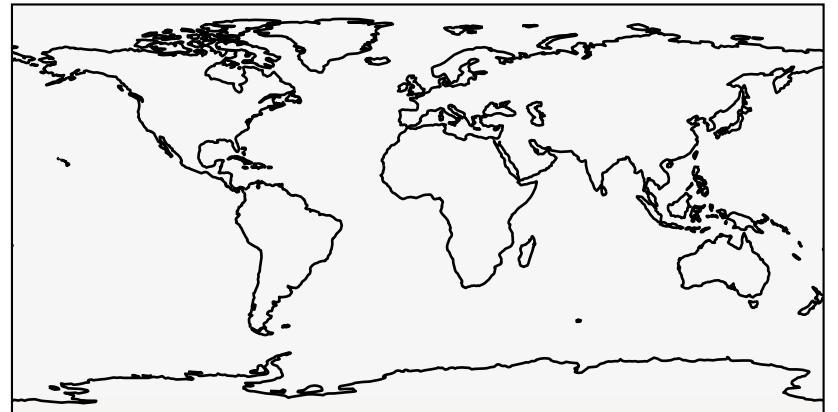
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



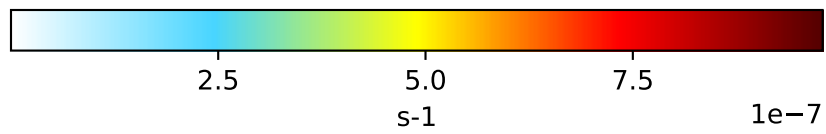
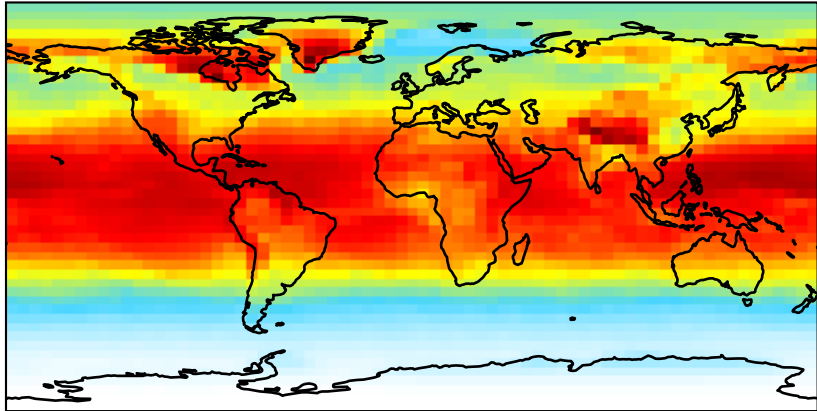
Ratio  
Dev/Ref, Fixed Range



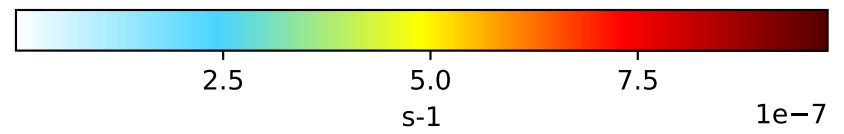
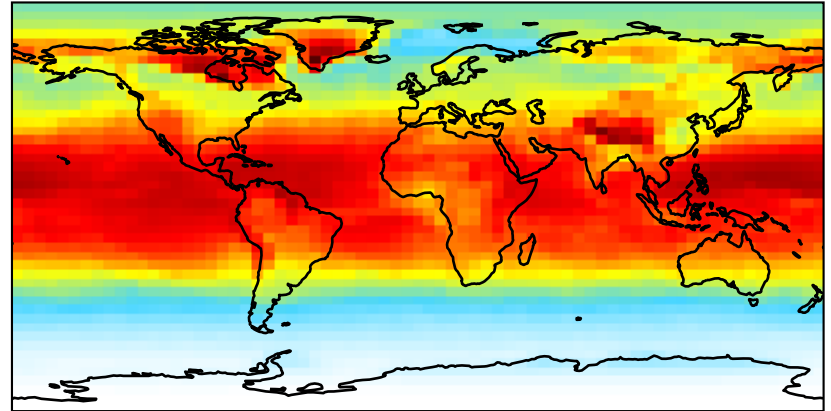


# Jval\_MONITS (Apr2019)

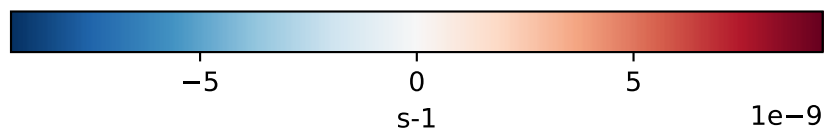
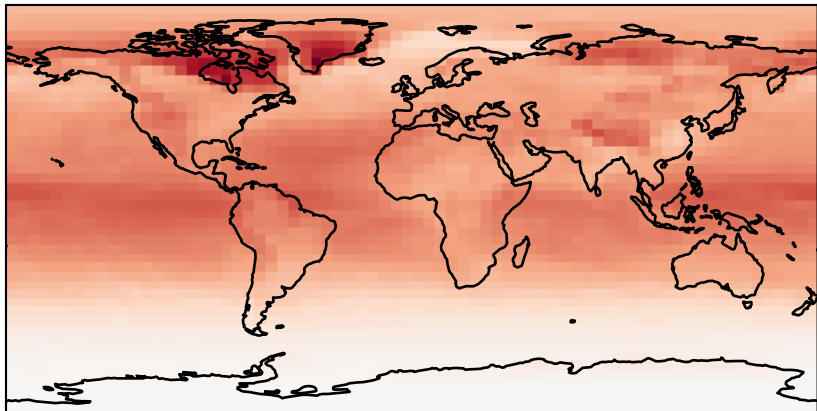
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



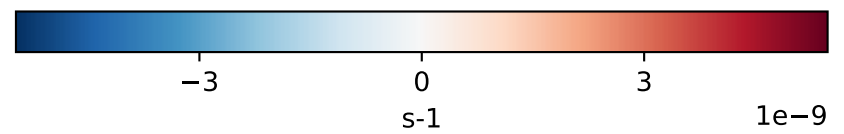
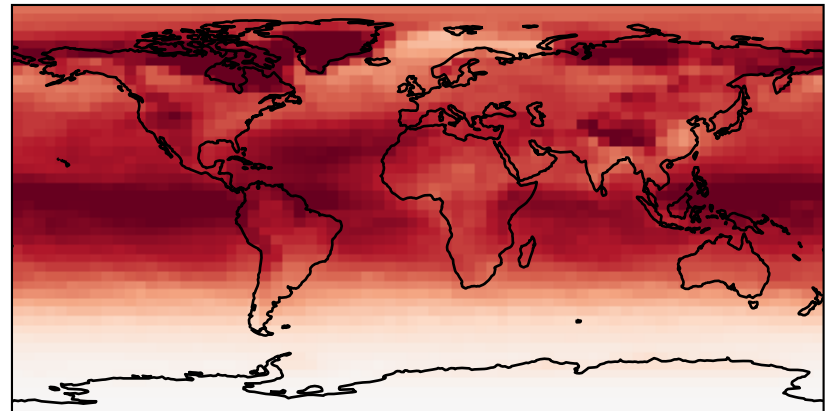
GCC\_13.0.0 (Dev)  
4.0x5.0



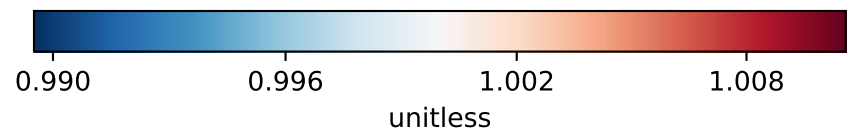
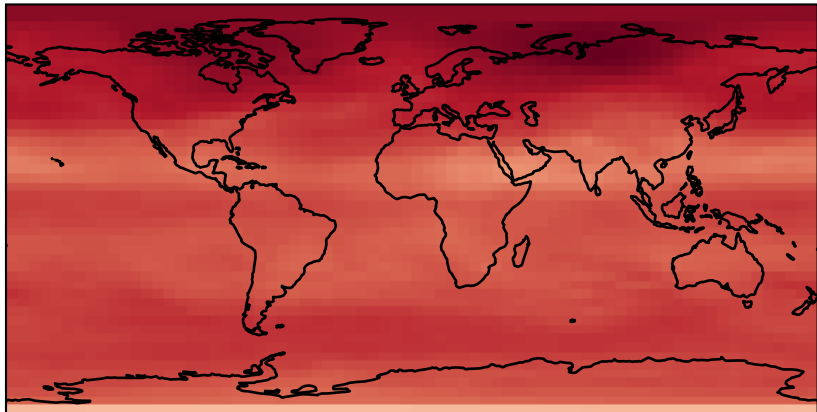
Difference  
Dev - Ref, Dynamic Range



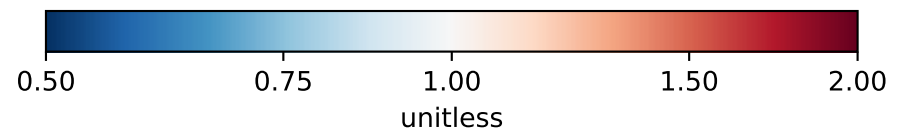
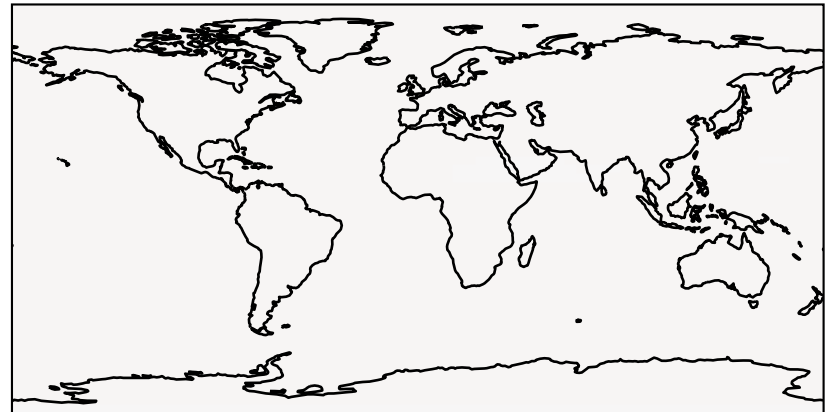
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

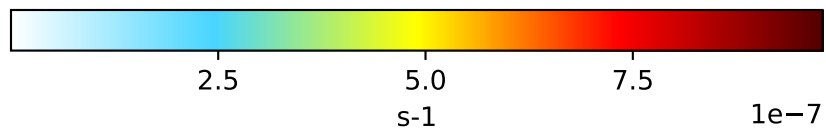
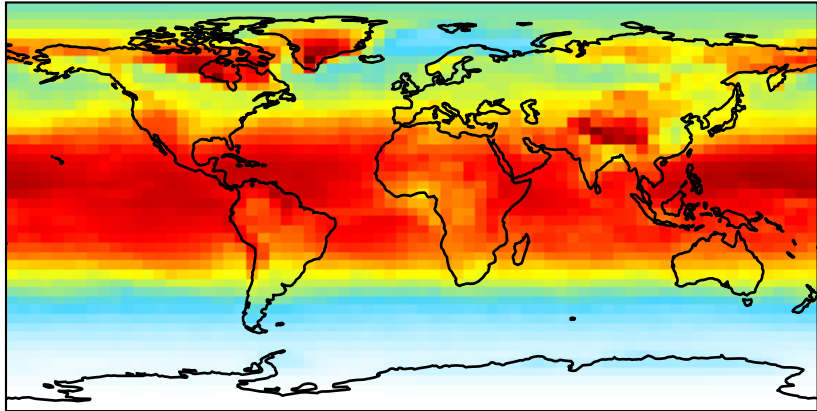


Ratio  
Dev/Ref, Fixed Range

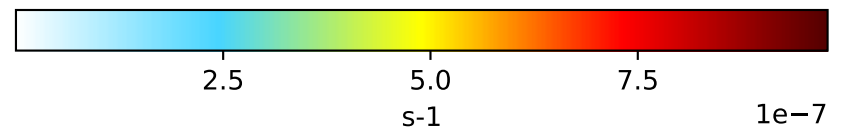
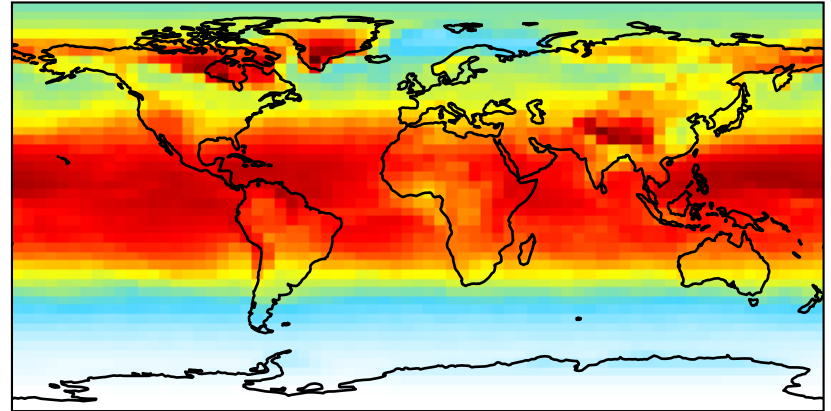


# Jval\_MONITU (Apr2019)

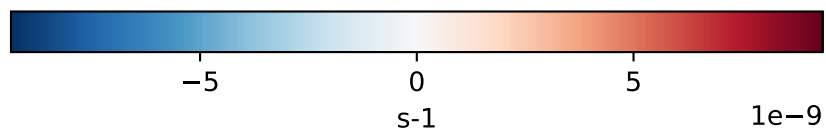
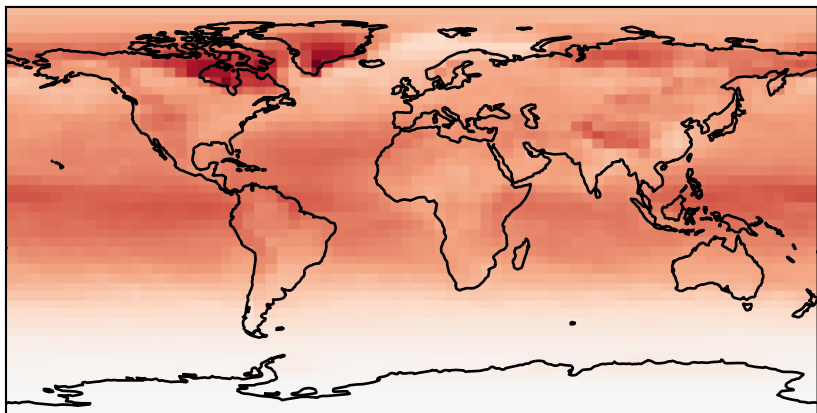
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



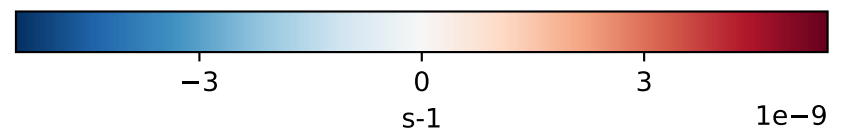
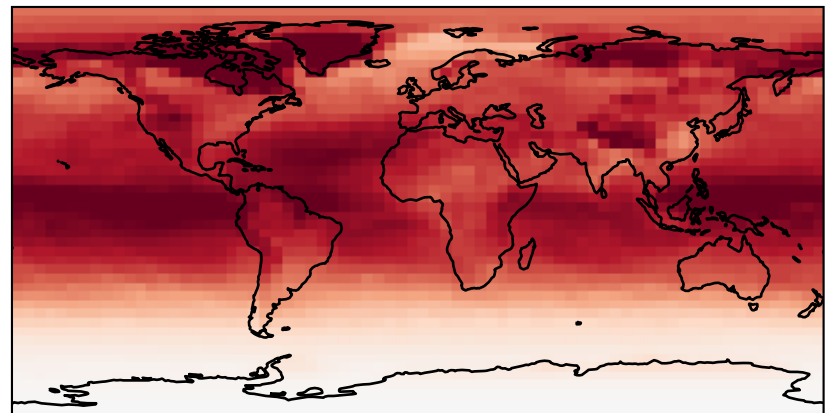
GCC\_13.0.0 (Dev)  
4.0x5.0



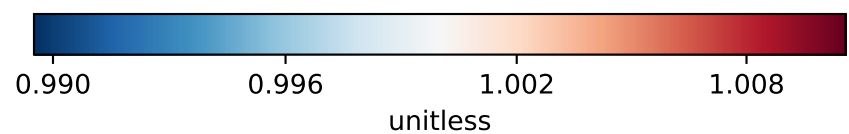
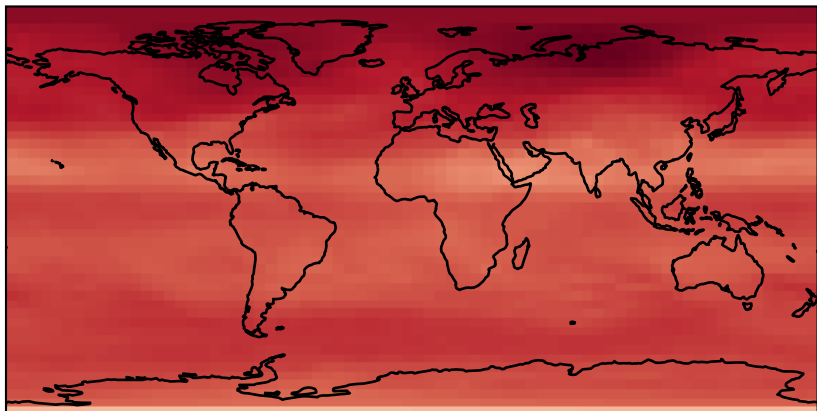
Difference  
Dev - Ref, Dynamic Range



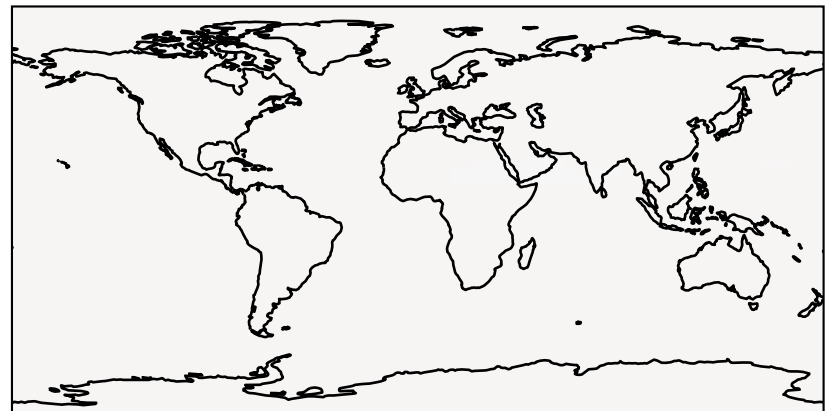
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

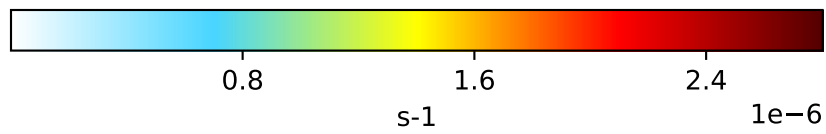
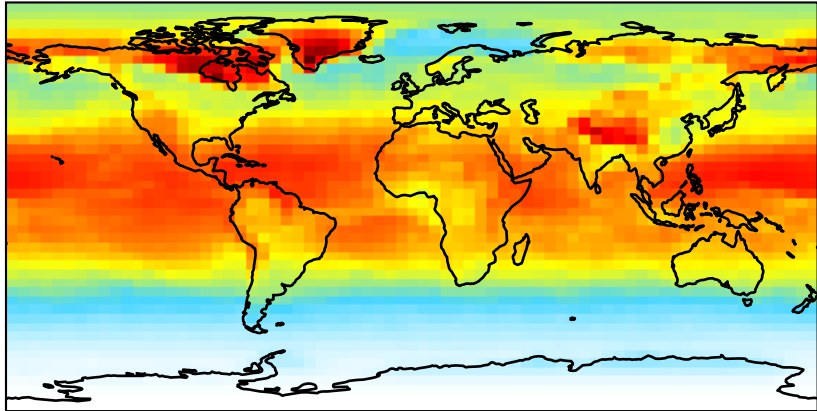


Ratio  
Dev/Ref, Fixed Range

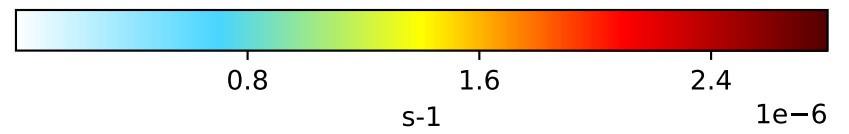
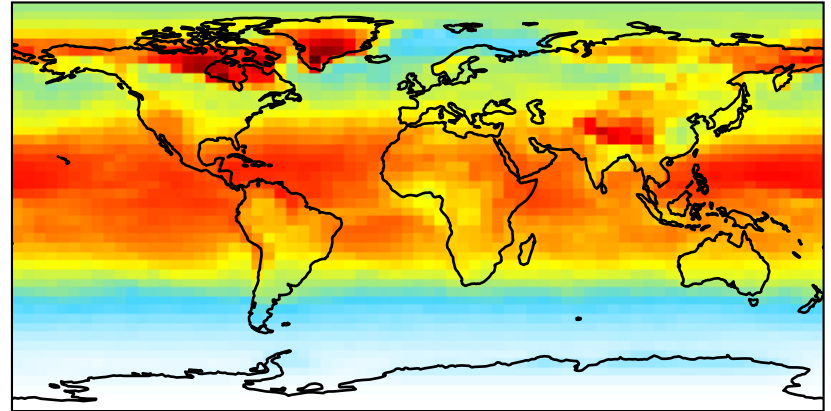


# Jval\_MP (Apr2019)

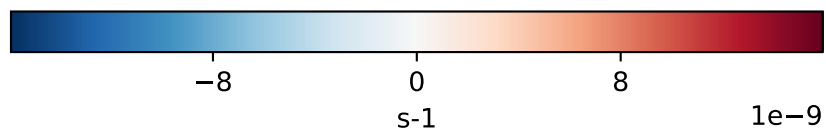
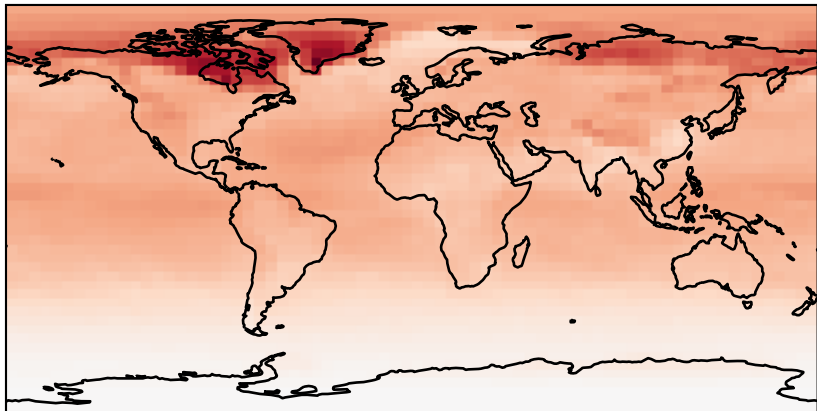
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



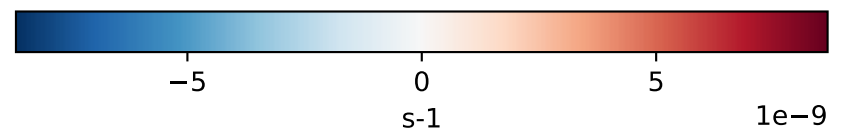
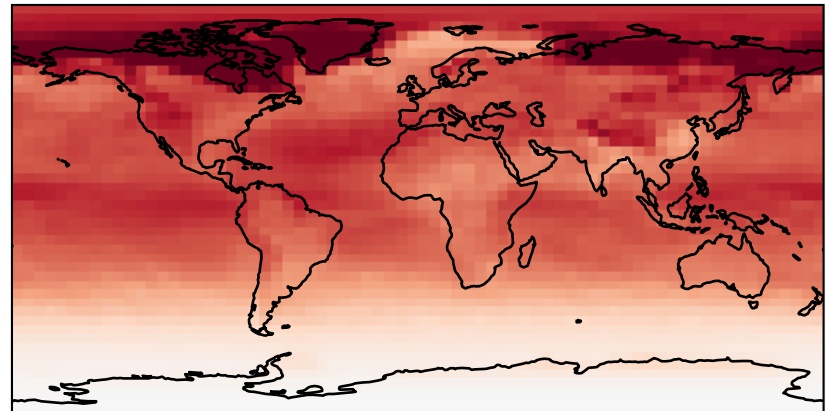
GCC\_13.0.0 (Dev)  
4.0x5.0



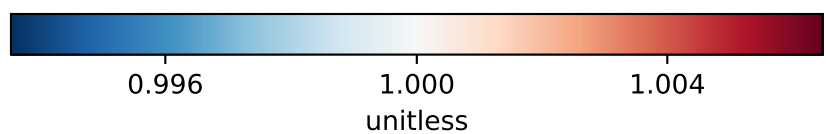
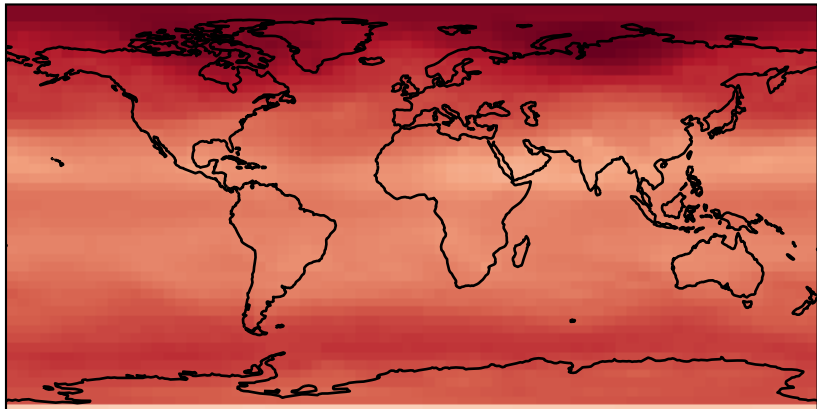
Difference  
Dev - Ref, Dynamic Range



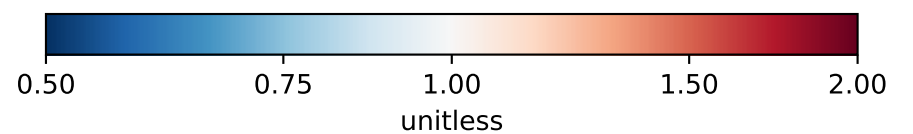
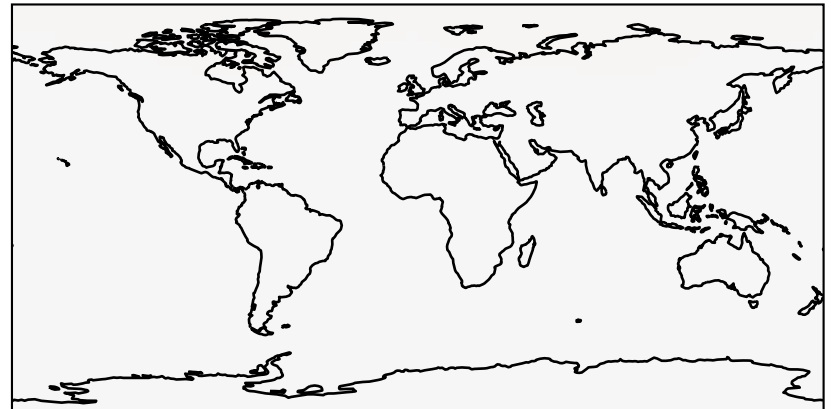
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

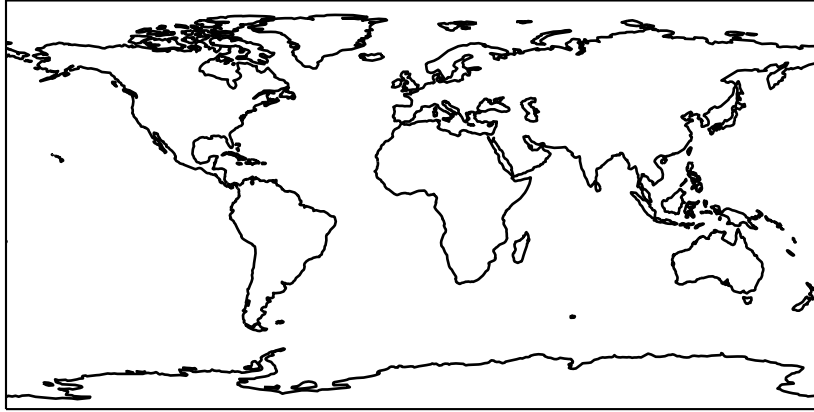


Ratio  
Dev/Ref, Fixed Range



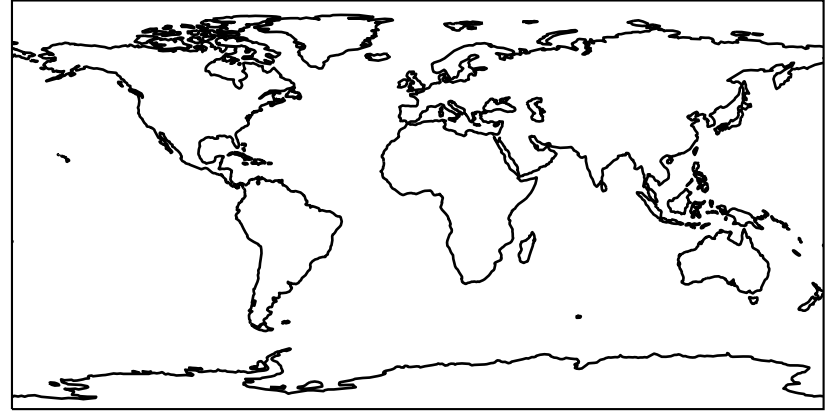
# Jval\_MPAN (Apr2019)

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



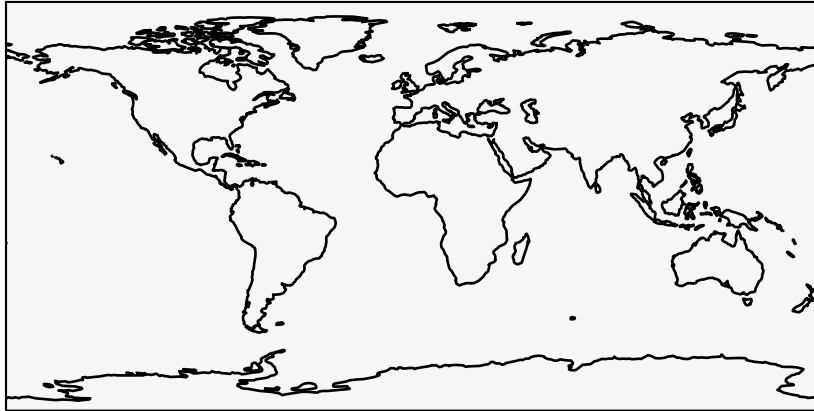
Zero throughput domain  
s-1

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



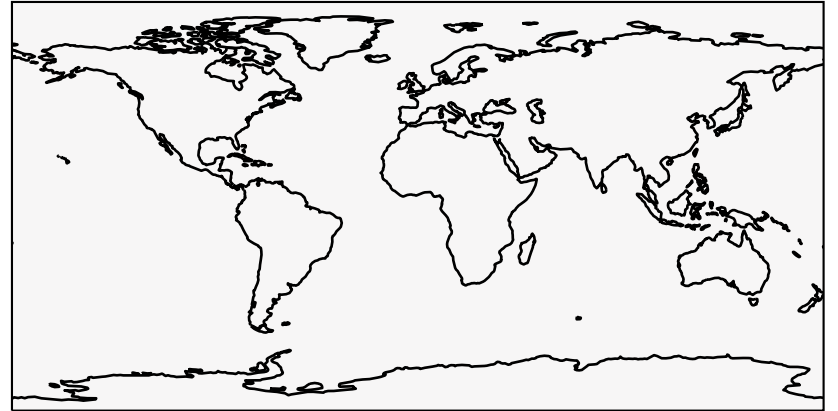
Zero throughput domain  
s-1

Difference  
Dev - Ref, Dynamic Range



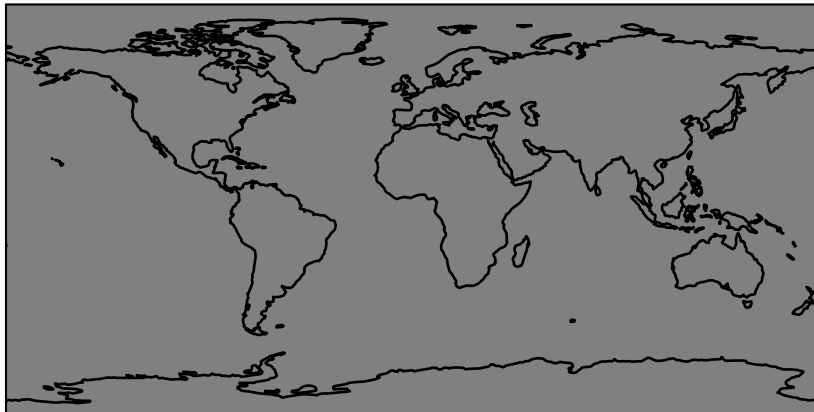
Zero throughput domain  
s-1

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



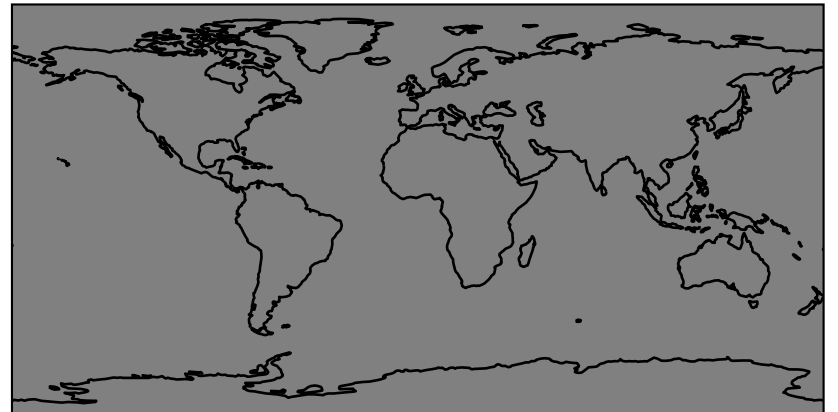
Zero throughput domain  
s-1

Ratio  
Dev/Ref, Dynamic Range



Undefined throughput domain  
unitless

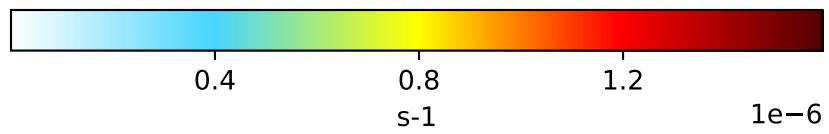
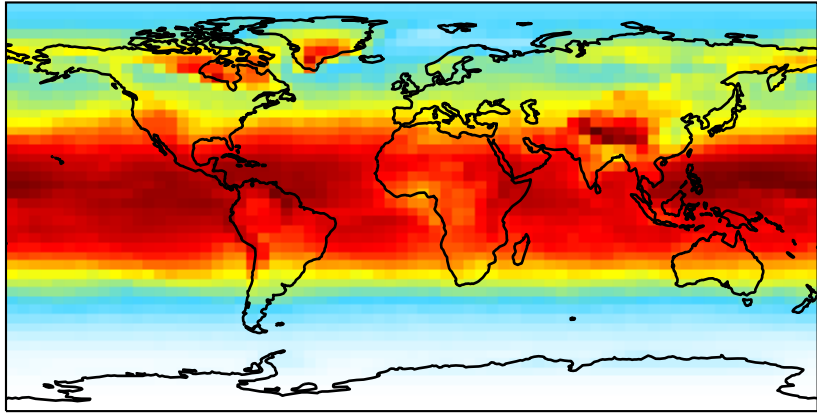
Ratio  
Dev/Ref, Fixed Range



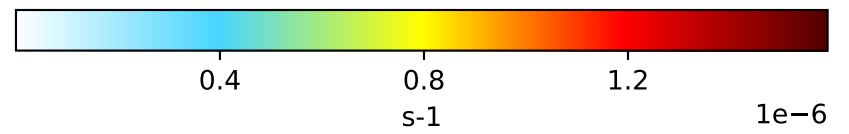
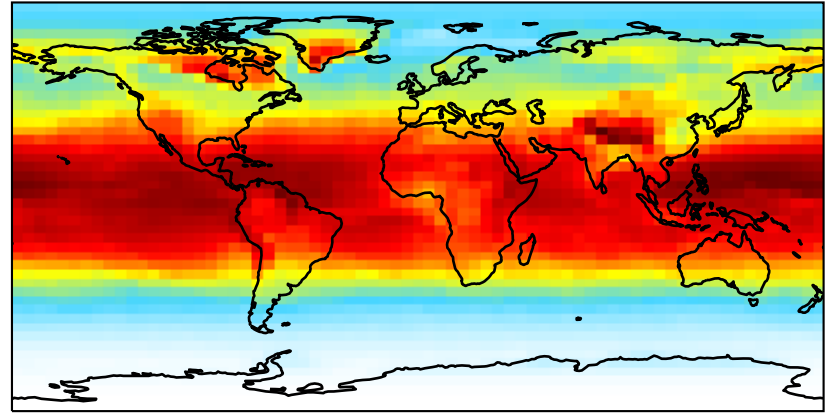
Undefined throughput domain  
unitless

# Jval\_MPN (Apr2019)

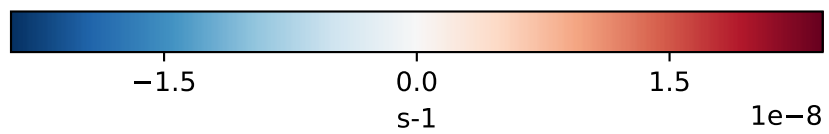
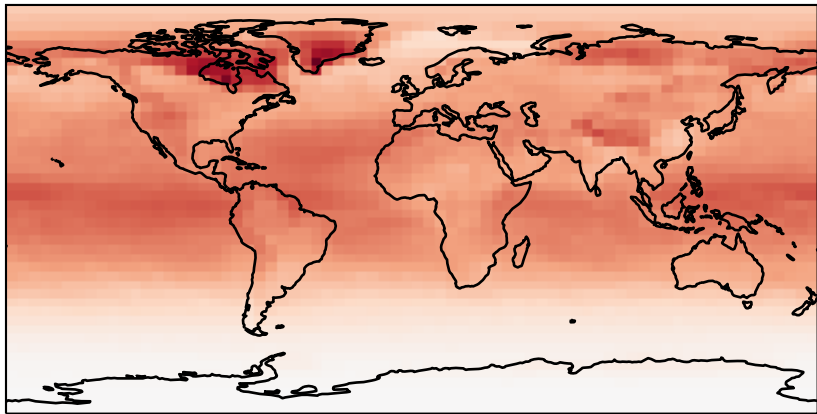
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



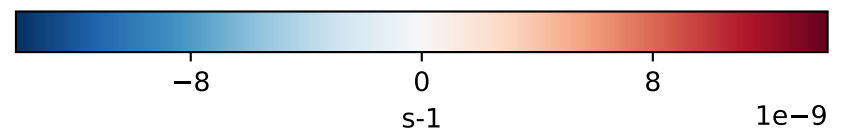
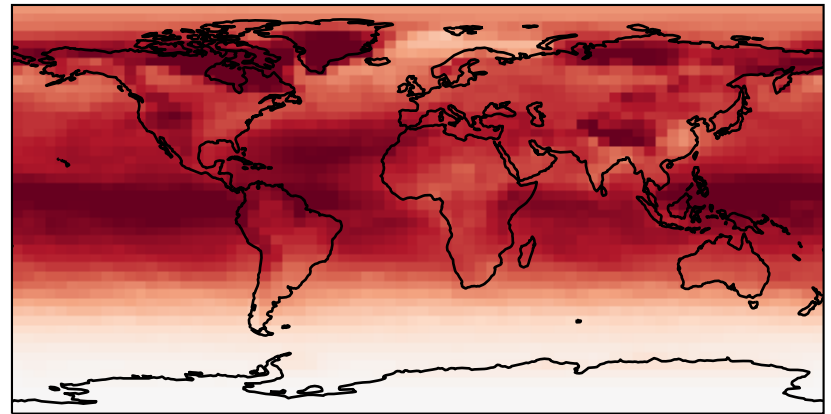
GCC\_13.0.0 (Dev)  
4.0x5.0



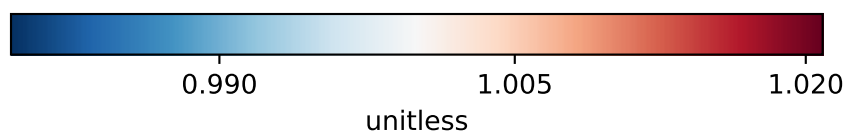
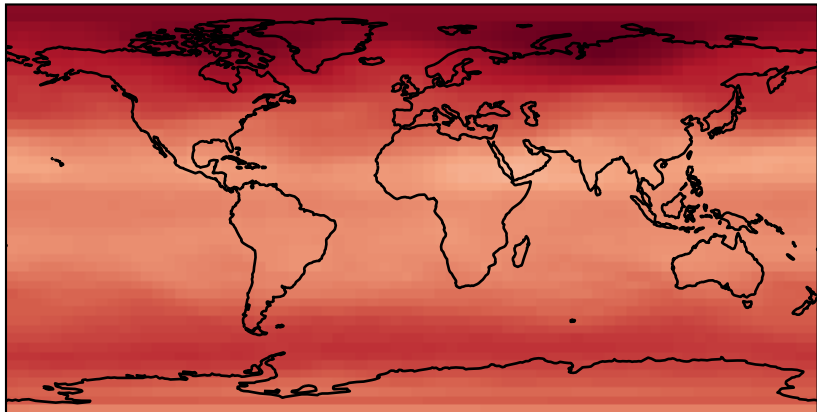
Difference  
Dev - Ref, Dynamic Range



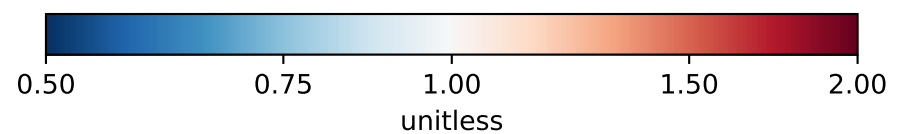
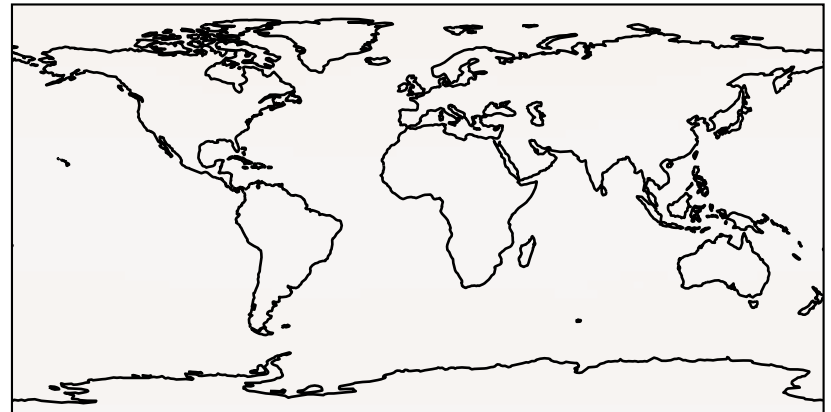
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



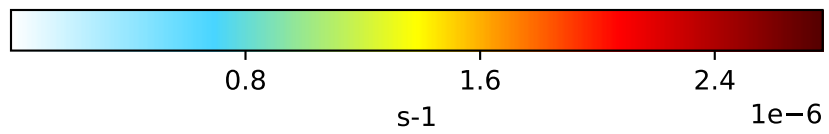
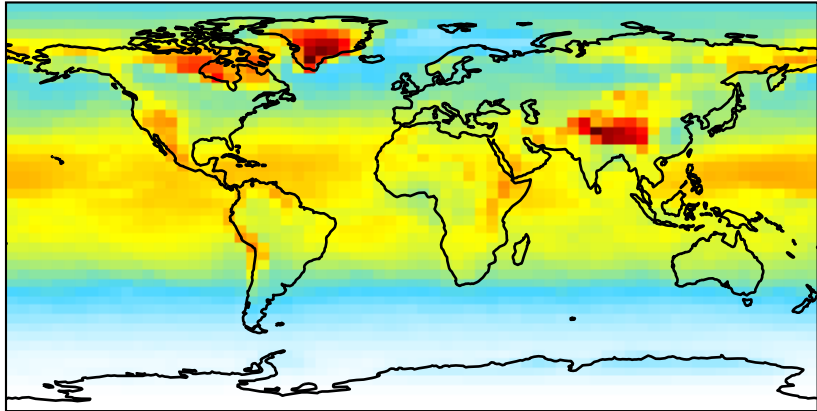
Ratio  
Dev/Ref, Fixed Range



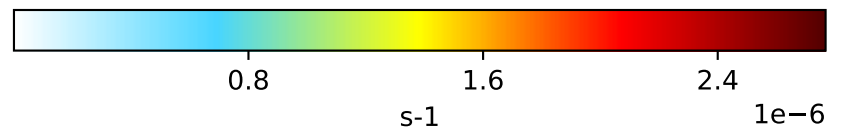
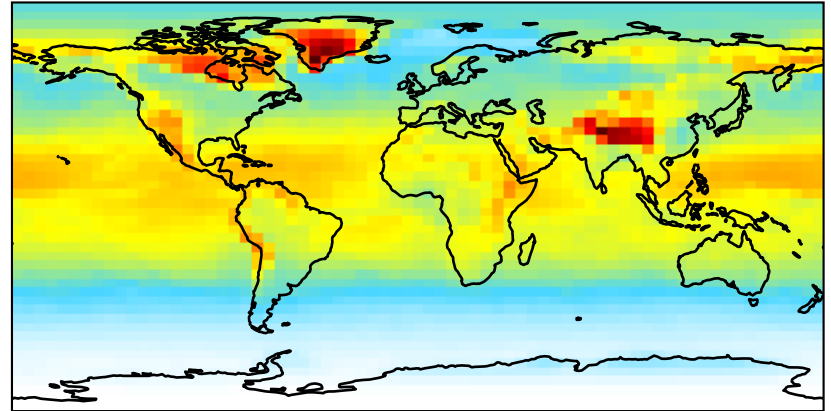


# Jval\_MVK (Apr2019)

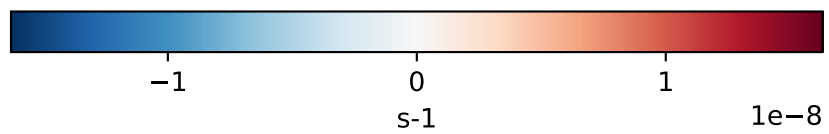
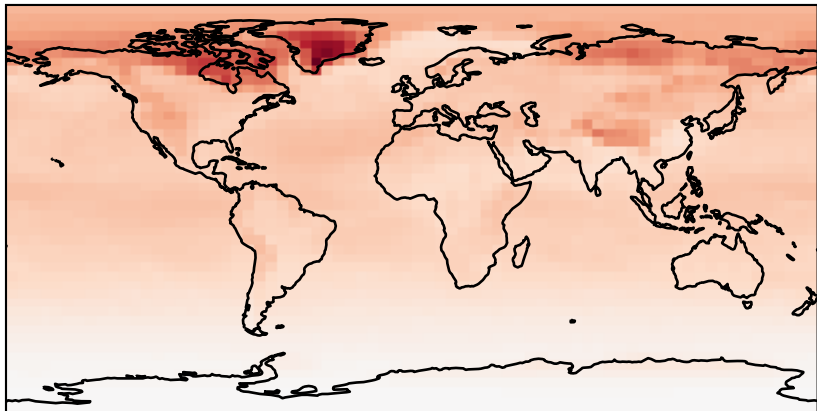
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



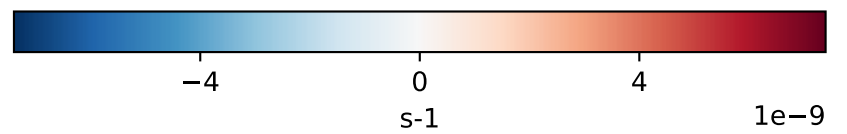
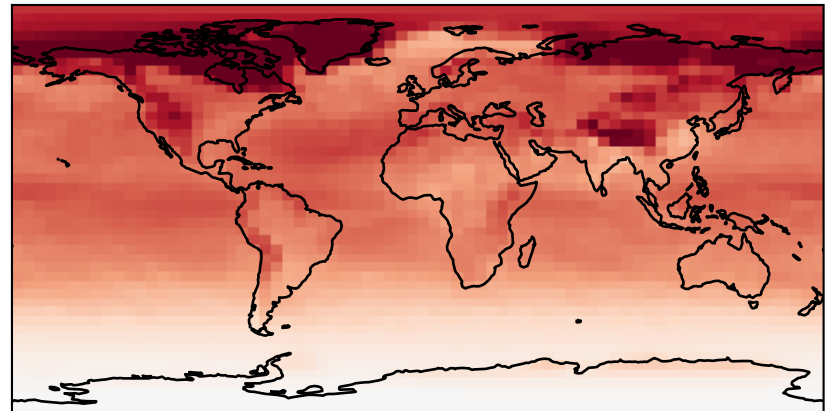
GCC\_13.0.0 (Dev)  
4.0x5.0



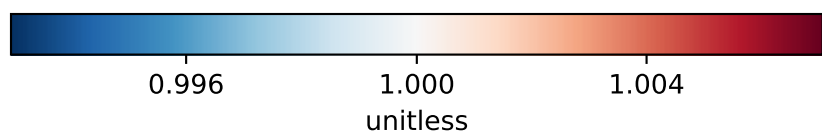
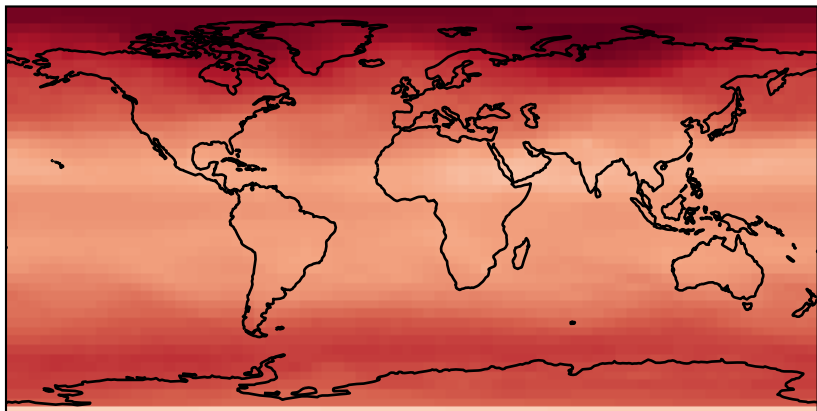
Difference  
Dev - Ref, Dynamic Range



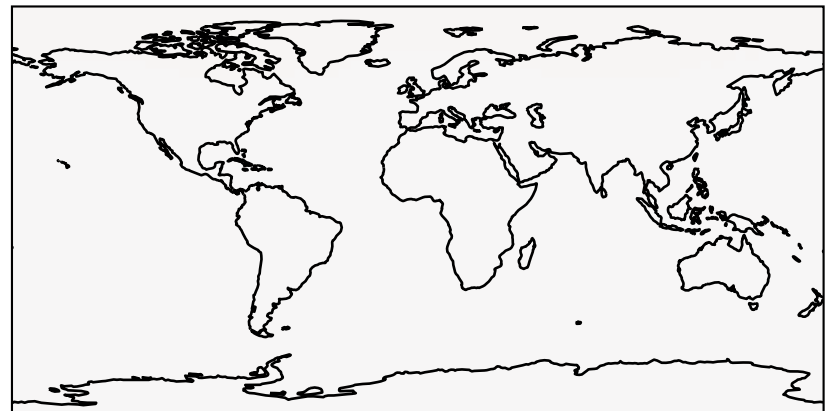
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

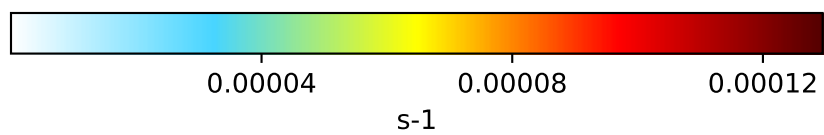
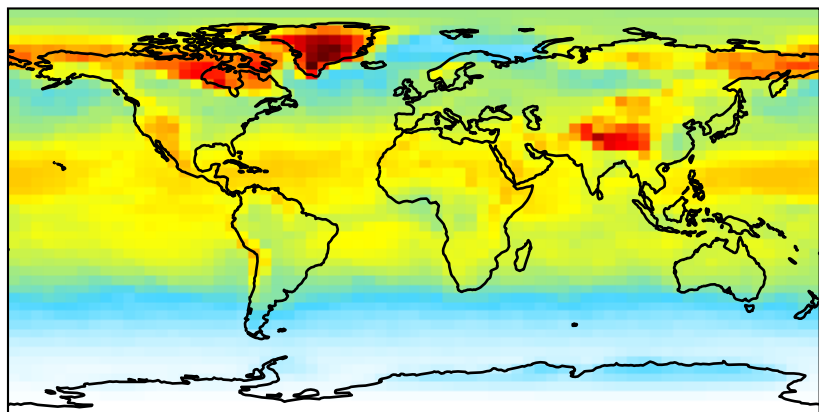


Ratio  
Dev/Ref, Fixed Range

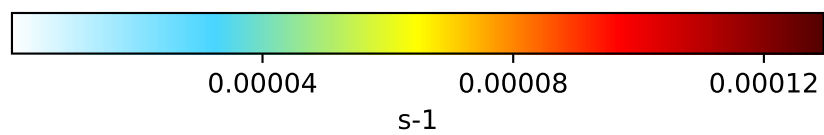
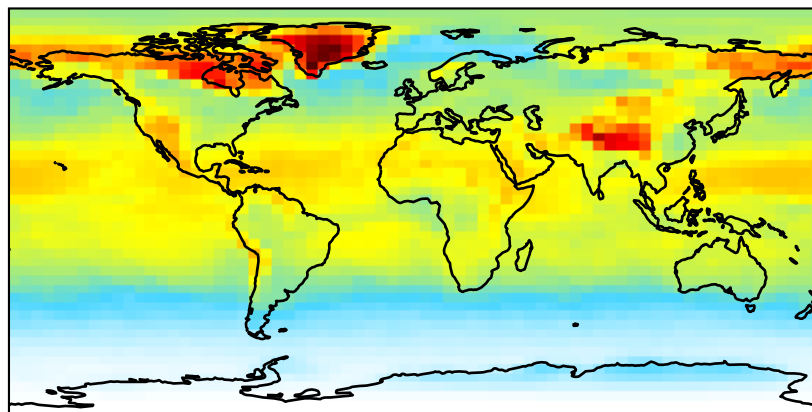


# Jval\_MVKHC (Apr2019)

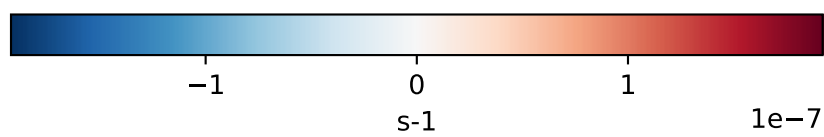
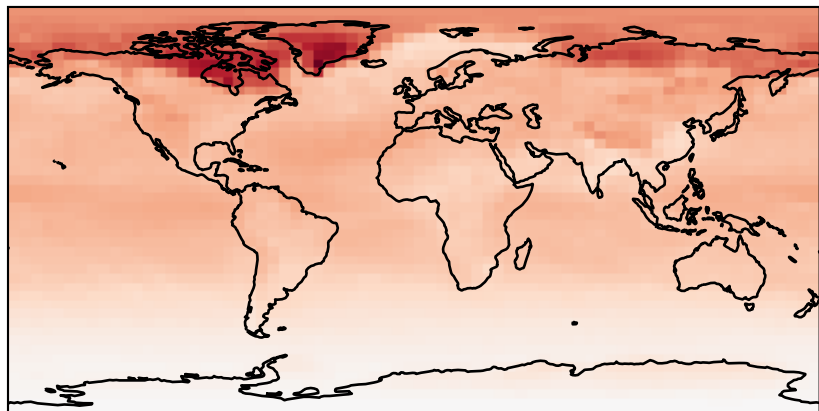
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



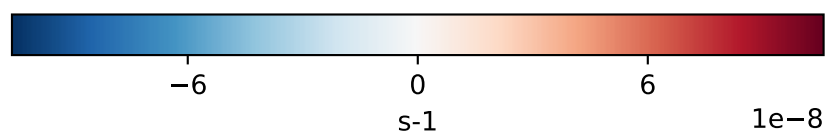
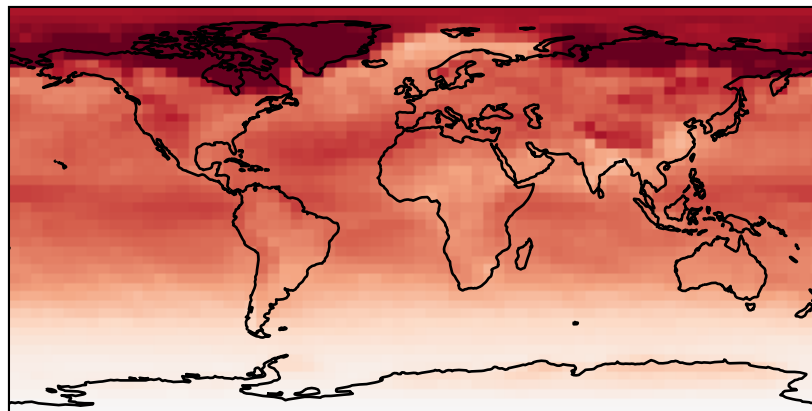
GCC\_13.0.0 (Dev)  
4.0x5.0



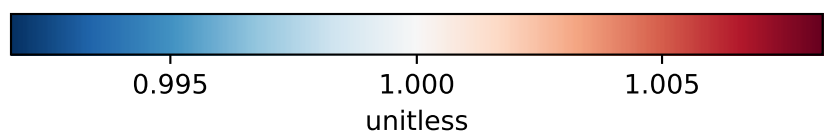
Difference  
Dev - Ref, Dynamic Range



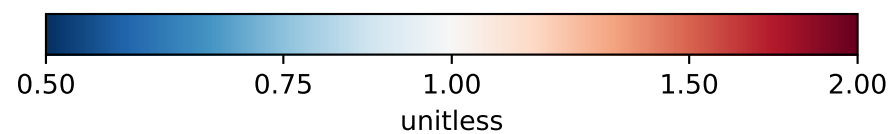
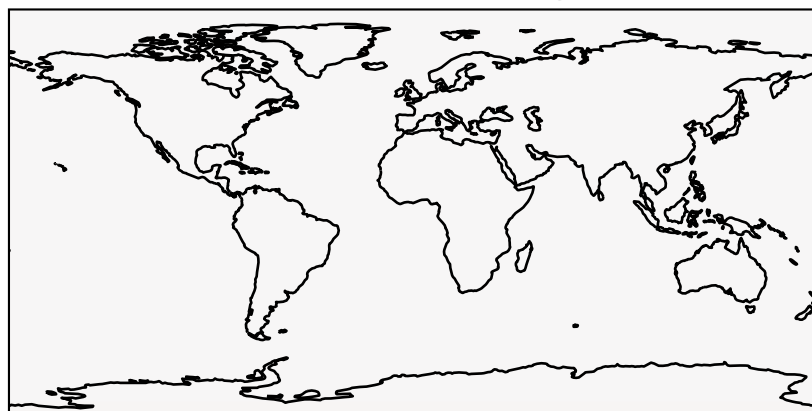
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

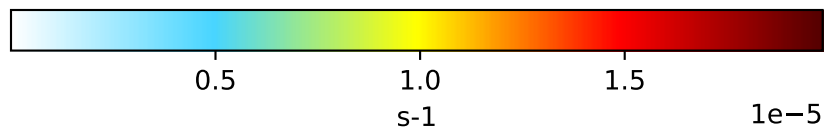
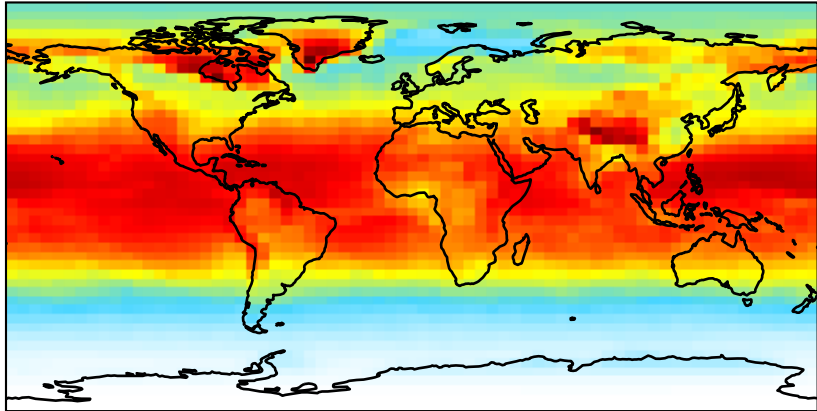


Ratio  
Dev/Ref, Fixed Range

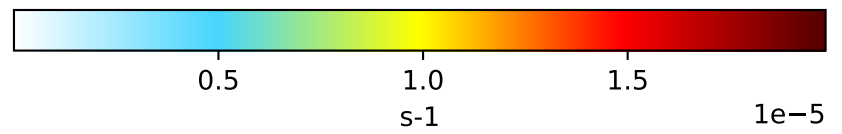
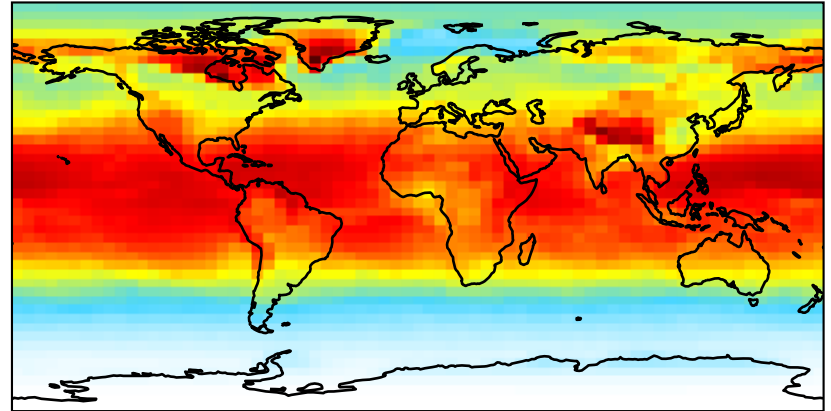


# Jval\_MVKHCB (Apr2019)

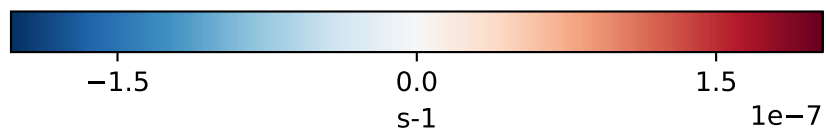
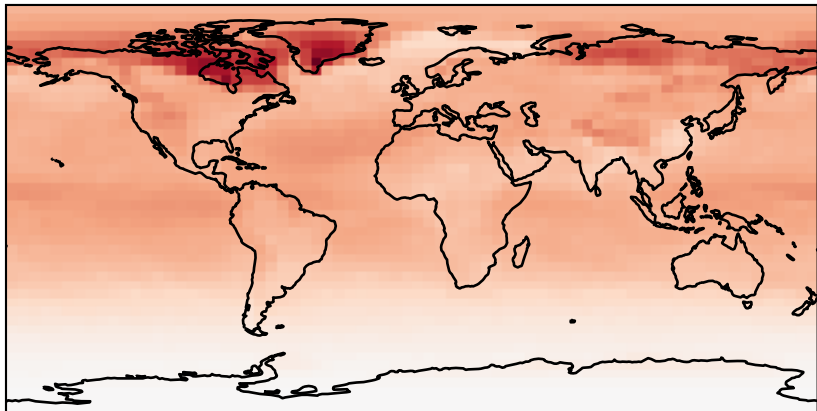
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



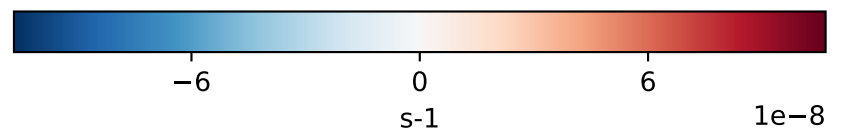
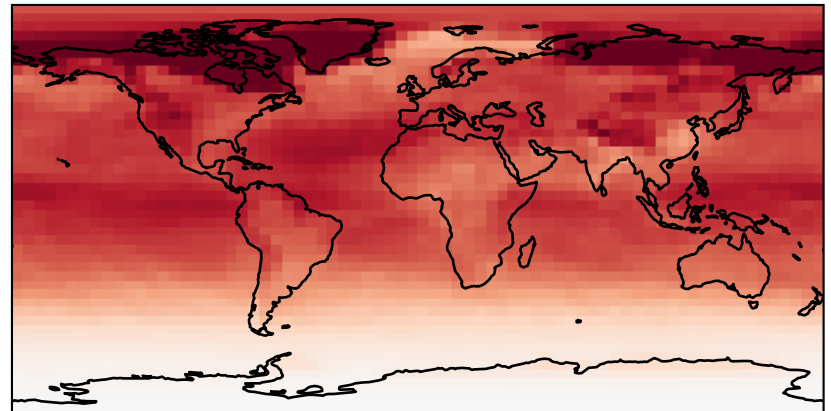
GCC\_13.0.0 (Dev)  
4.0x5.0



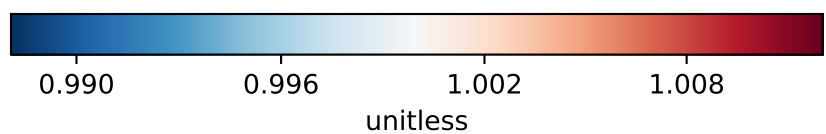
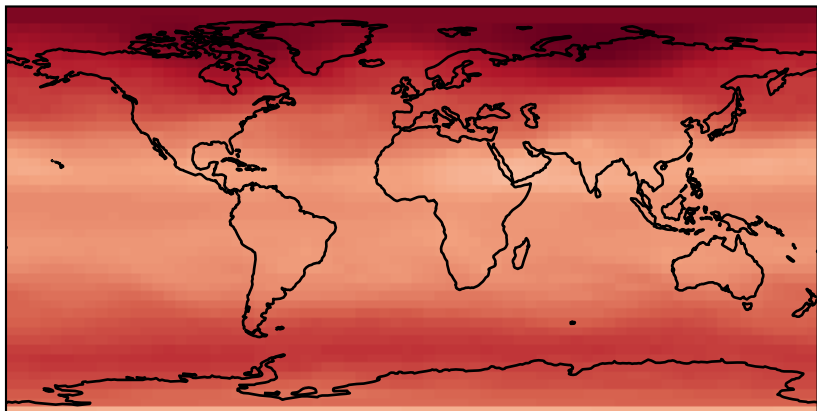
Difference  
Dev - Ref, Dynamic Range



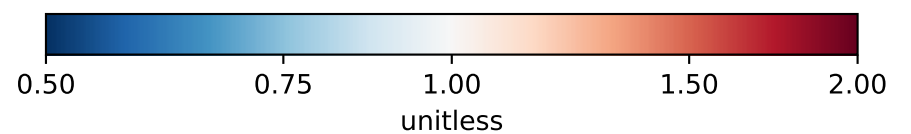
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

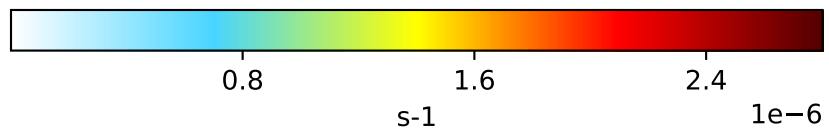
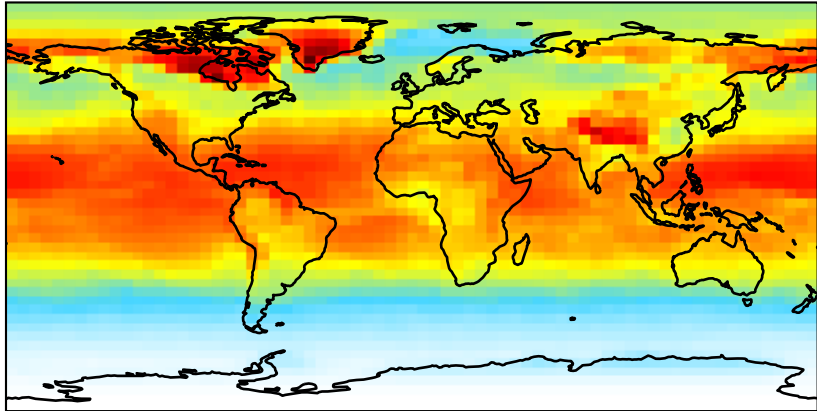


Ratio  
Dev/Ref, Fixed Range

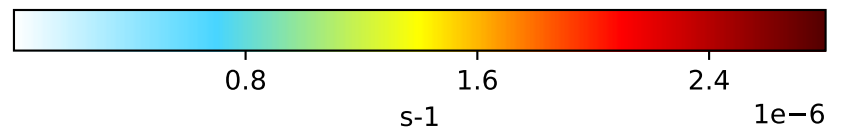
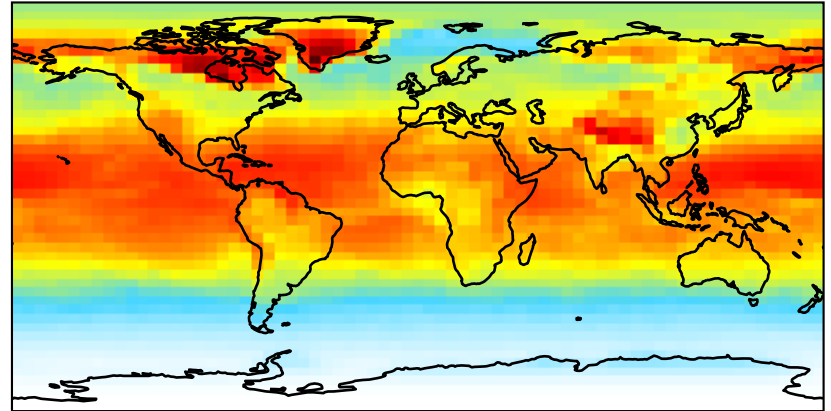


# Jval\_MVKHP (Apr2019)

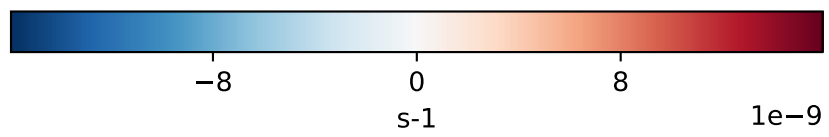
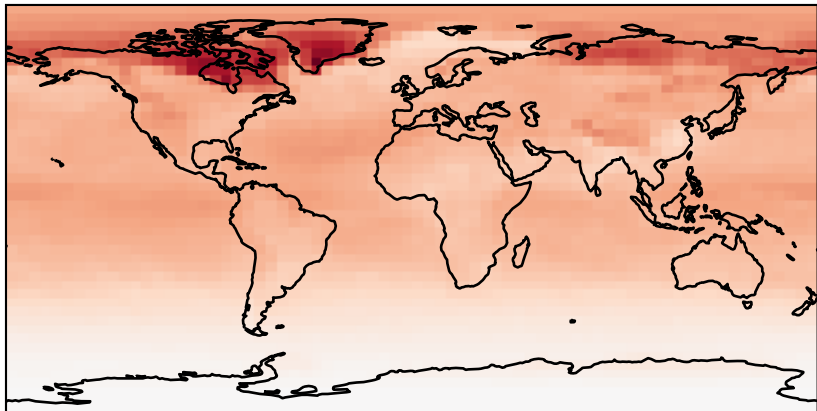
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



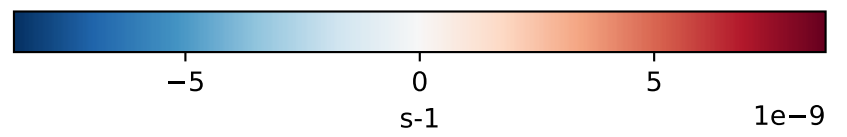
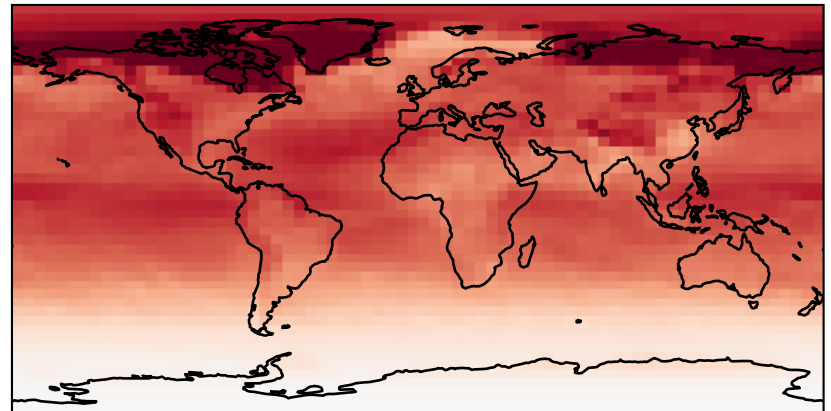
GCC\_13.0.0 (Dev)  
4.0x5.0



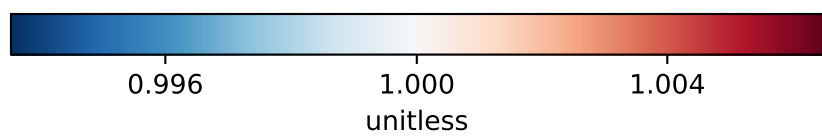
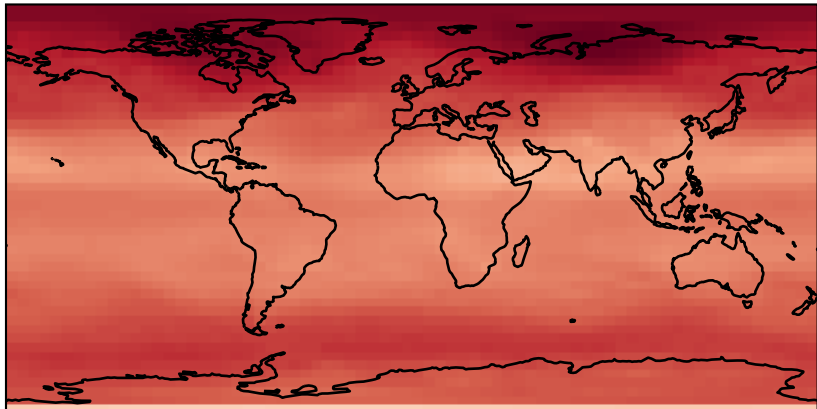
Difference  
Dev - Ref, Dynamic Range



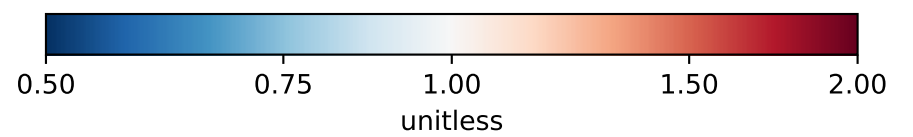
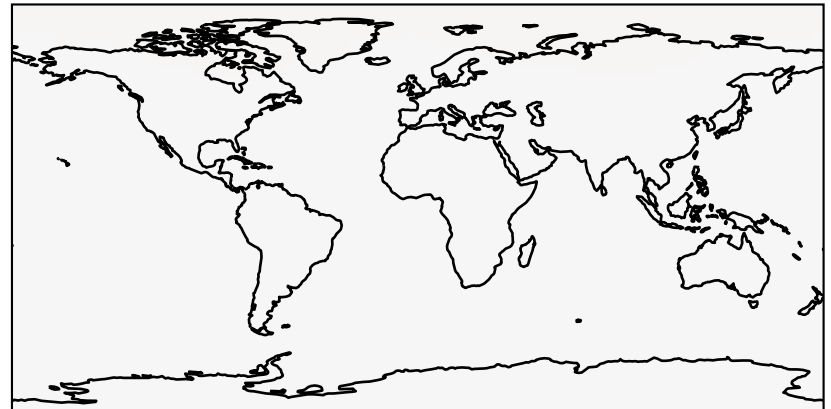
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



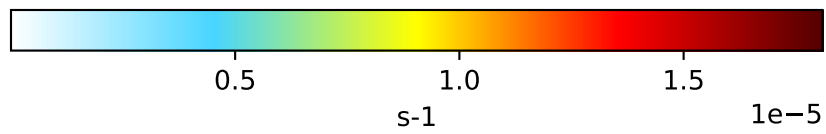
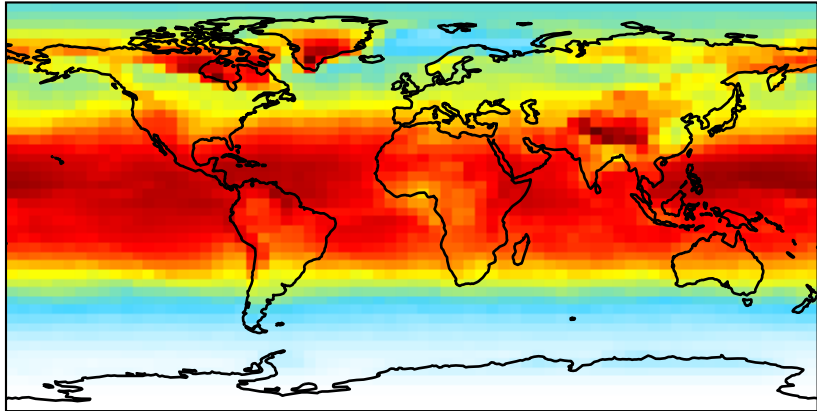
Ratio  
Dev/Ref, Fixed Range



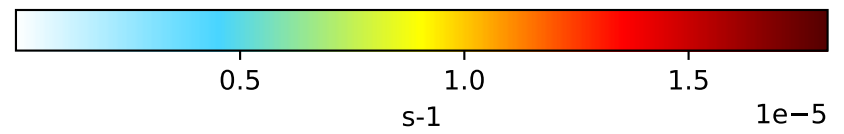
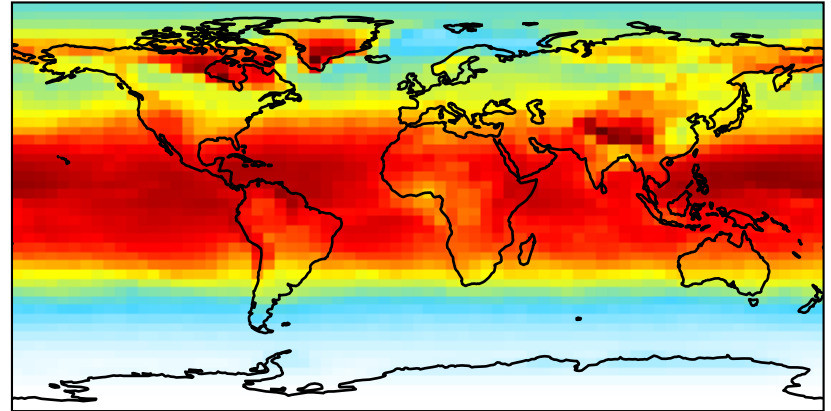


# Jval\_MVKN (Apr2019)

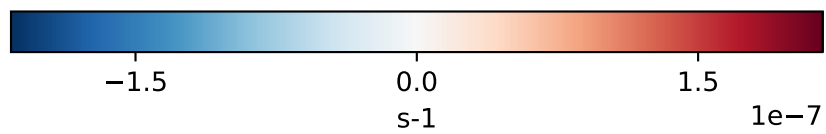
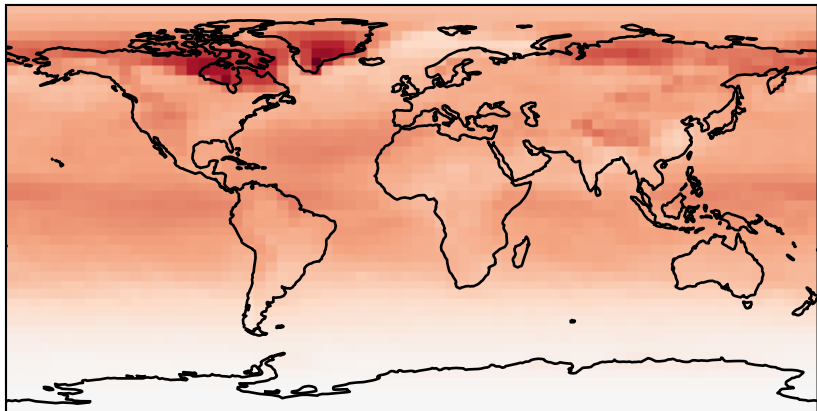
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



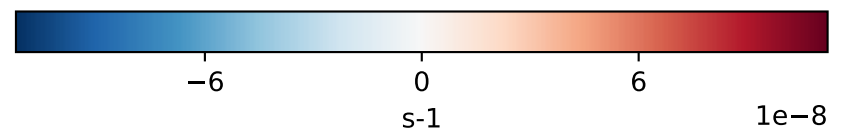
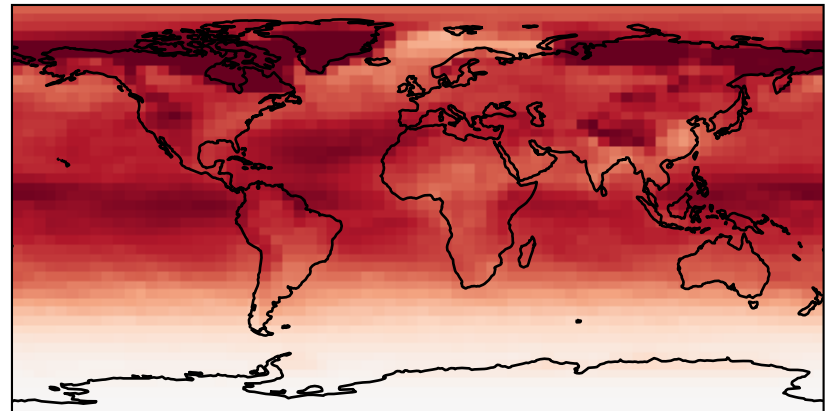
GCC\_13.0.0 (Dev)  
4.0x5.0



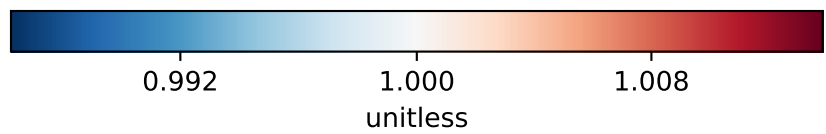
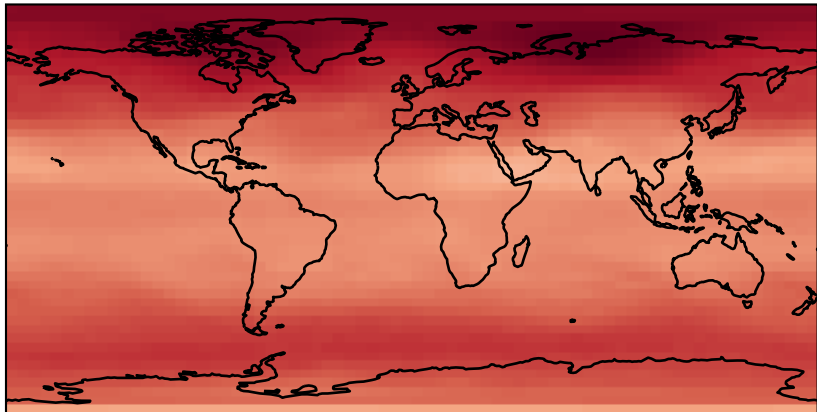
Difference  
Dev - Ref, Dynamic Range



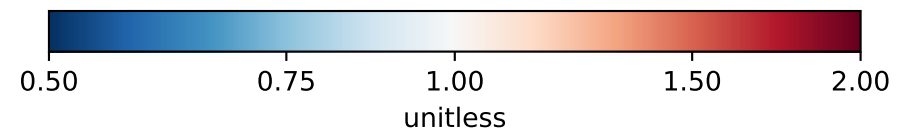
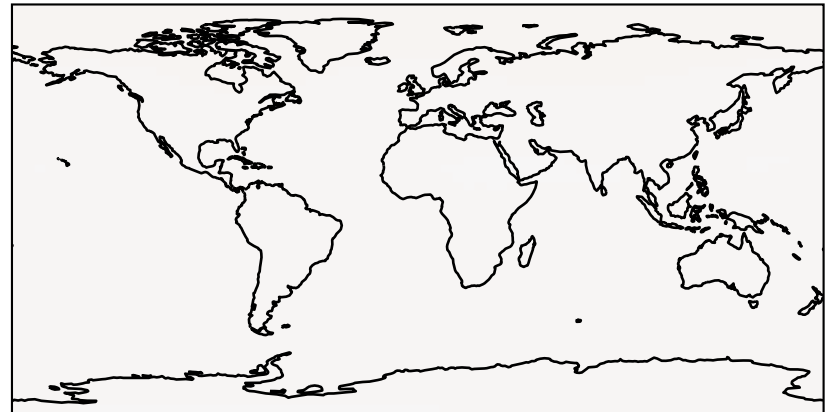
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



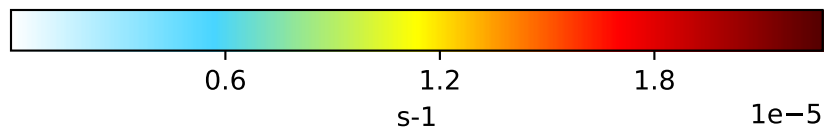
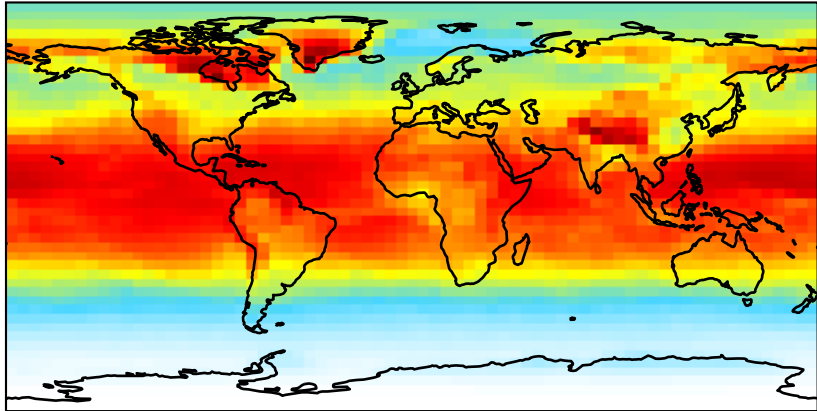
Ratio  
Dev/Ref, Fixed Range



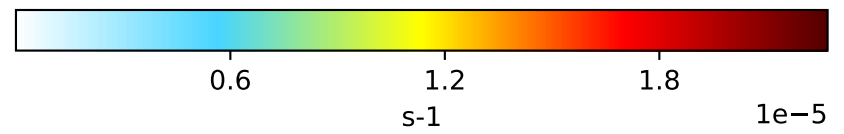
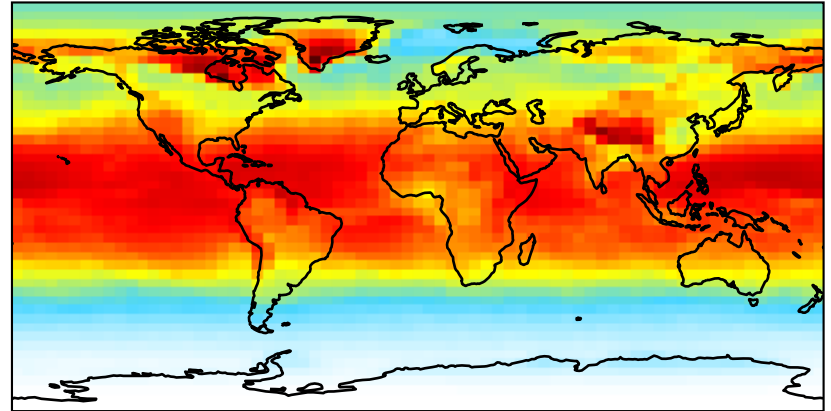


# Jval\_MVKPC (Apr2019)

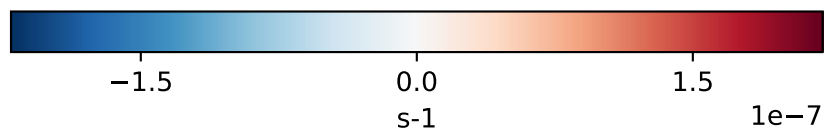
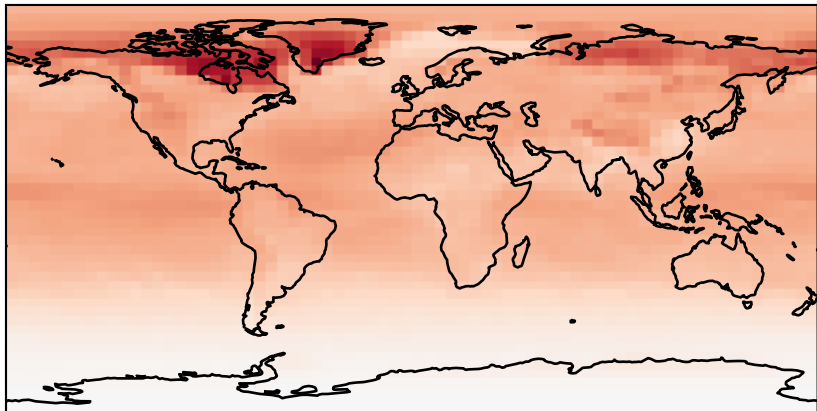
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



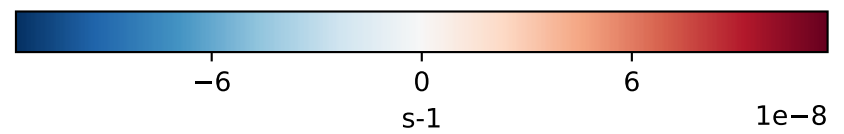
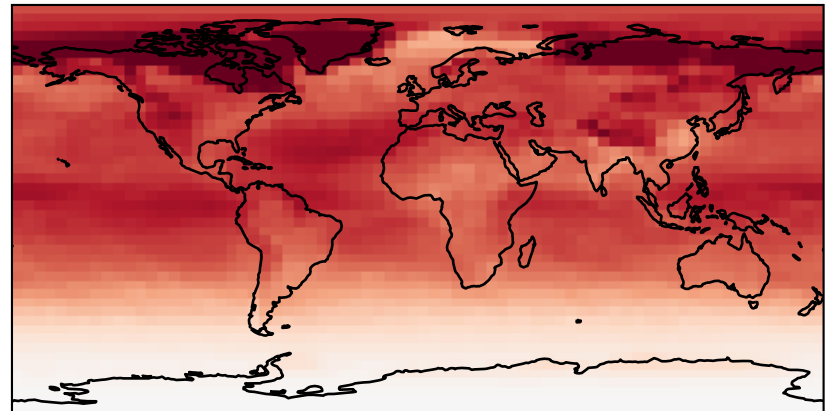
GCC\_13.0.0 (Dev)  
4.0x5.0



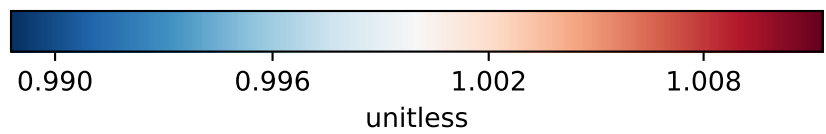
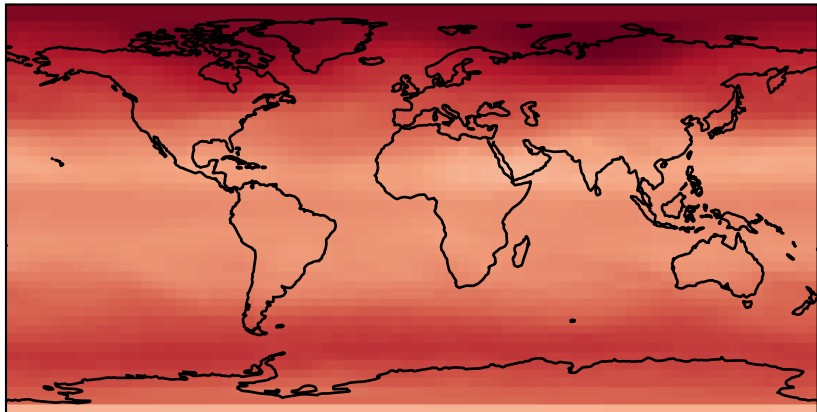
Difference  
Dev - Ref, Dynamic Range



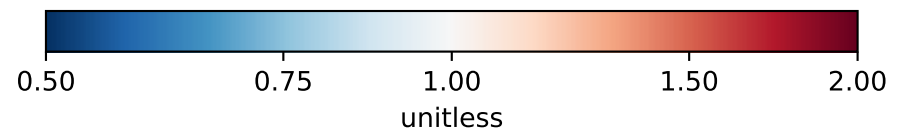
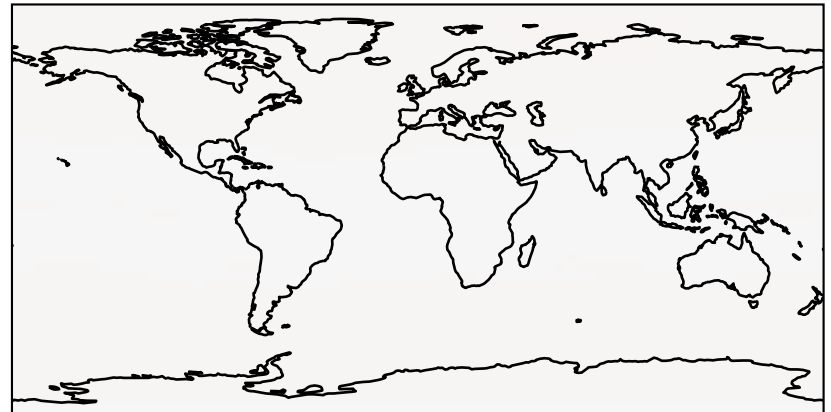
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

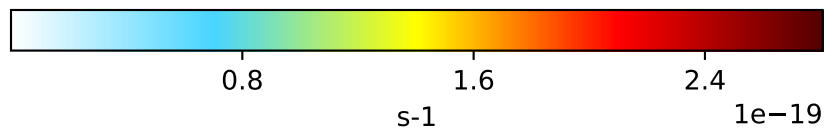
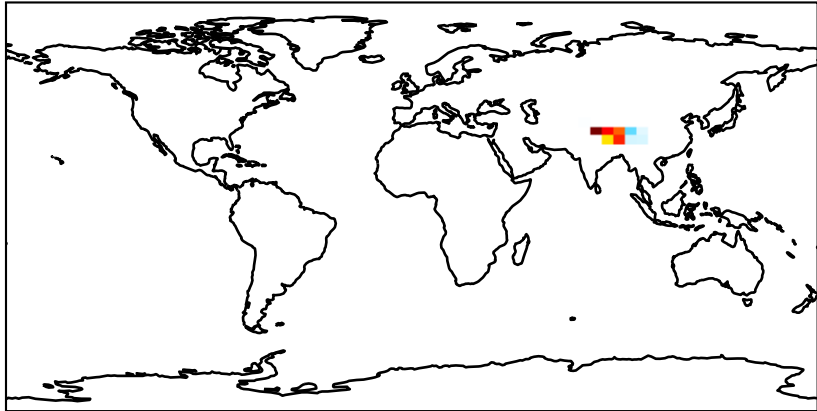


Ratio  
Dev/Ref, Fixed Range

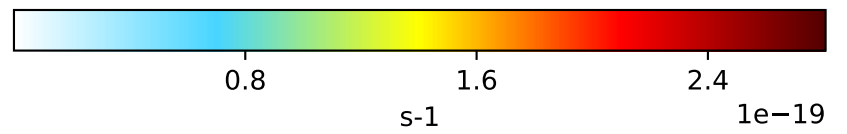
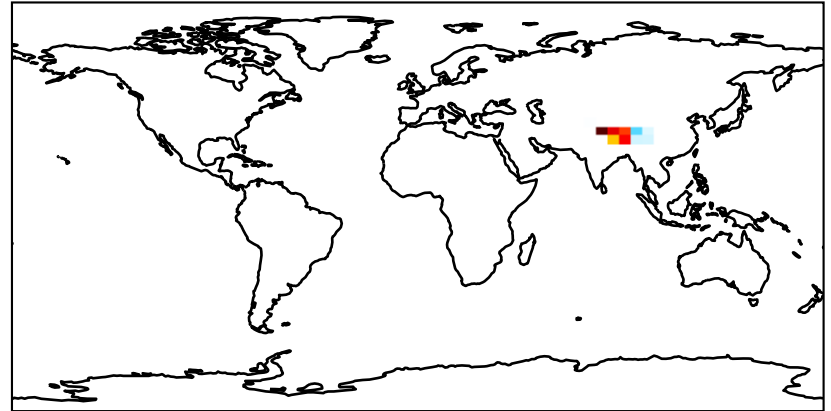


# Jval\_N2O (Apr2019)

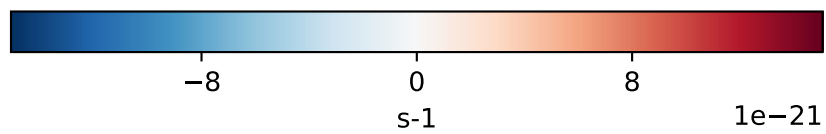
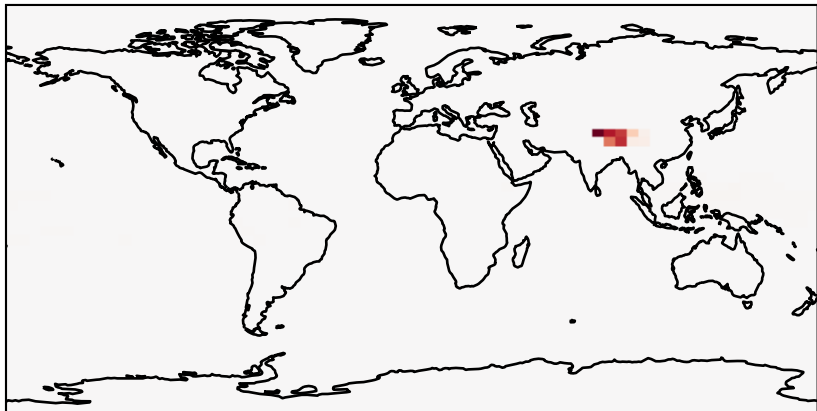
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



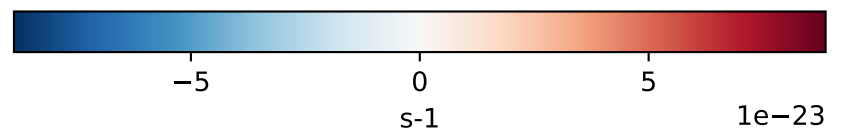
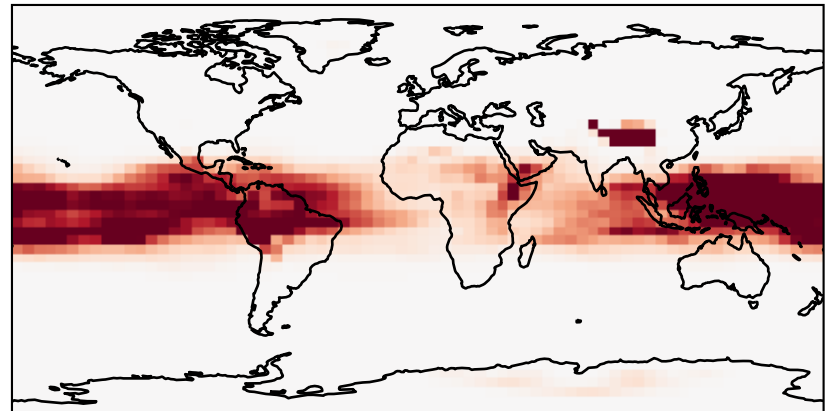
GCC\_13.0.0 (Dev)  
4.0x5.0



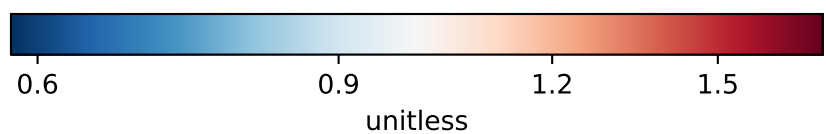
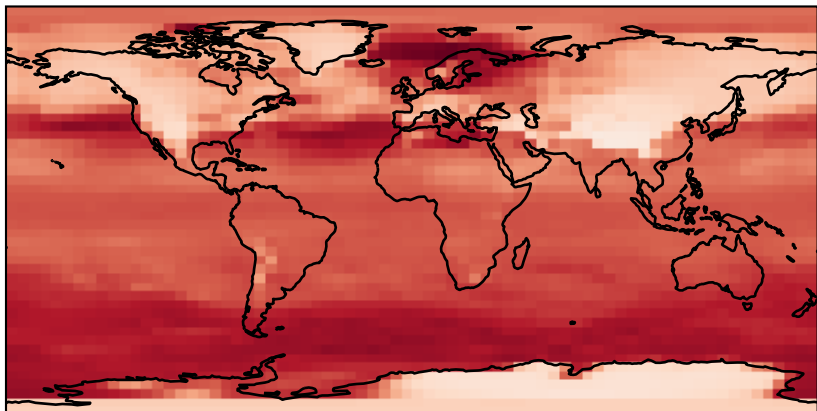
Difference  
Dev - Ref, Dynamic Range



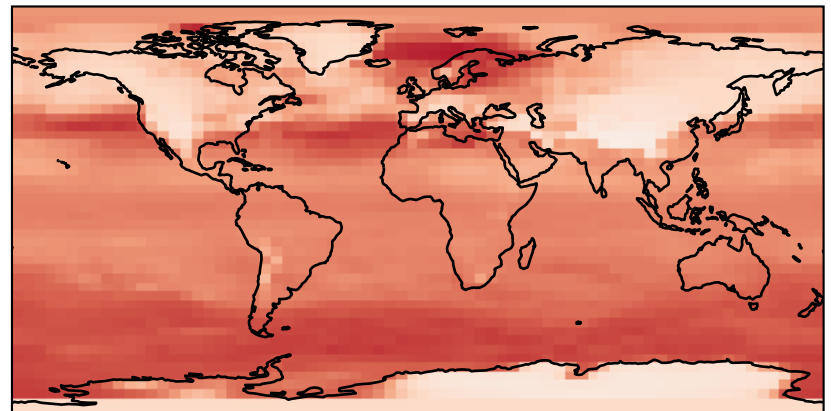
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

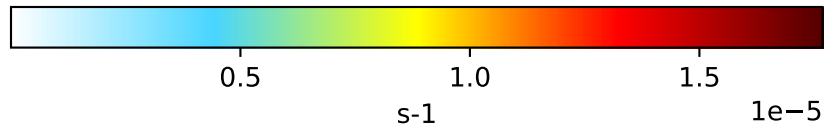
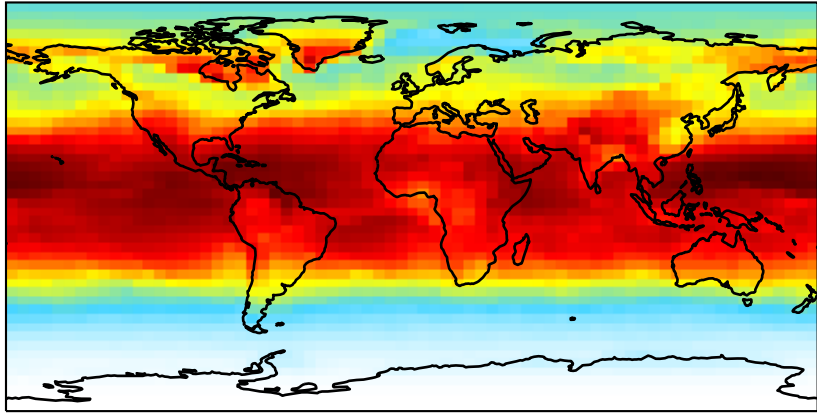


Ratio  
Dev/Ref, Fixed Range

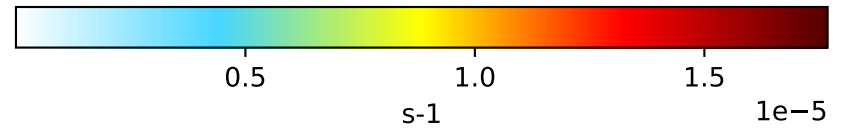
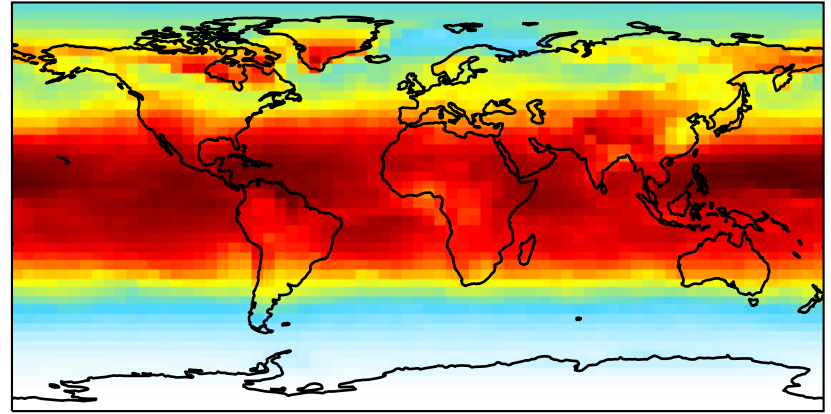


# Jval\_N2O5 (Apr2019)

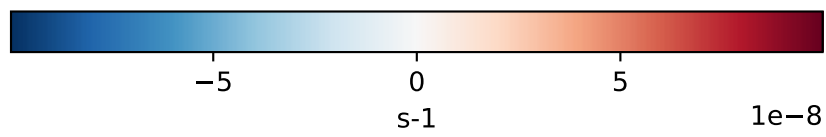
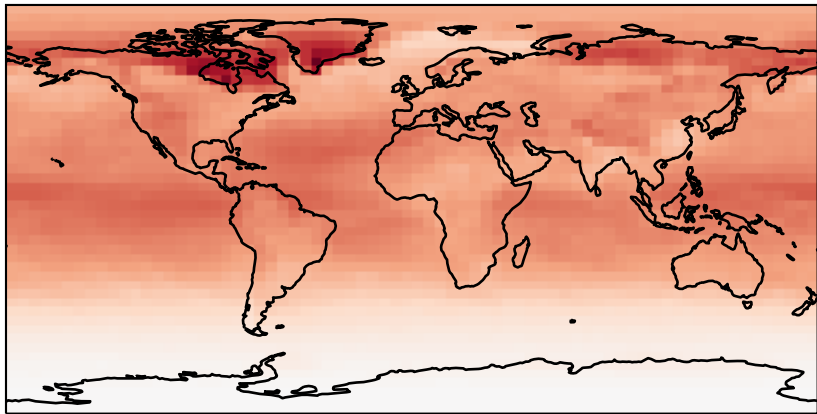
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



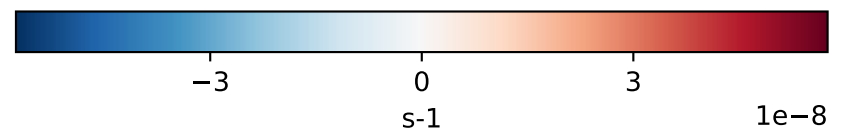
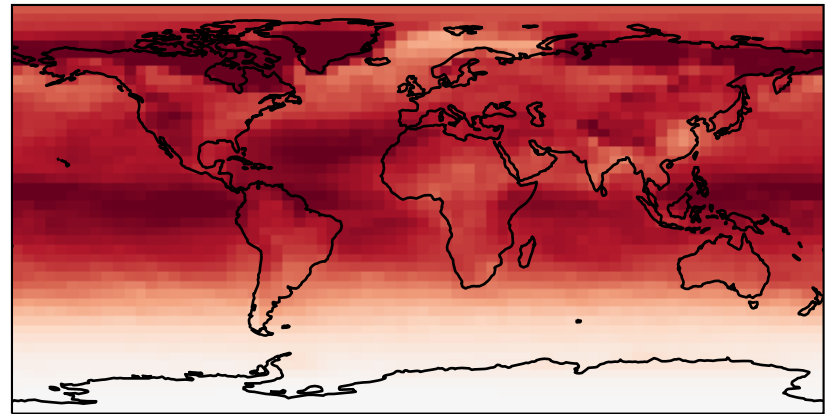
GCC\_13.0.0 (Dev)  
4.0x5.0



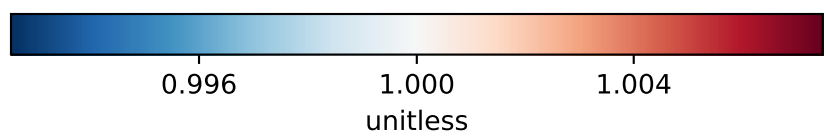
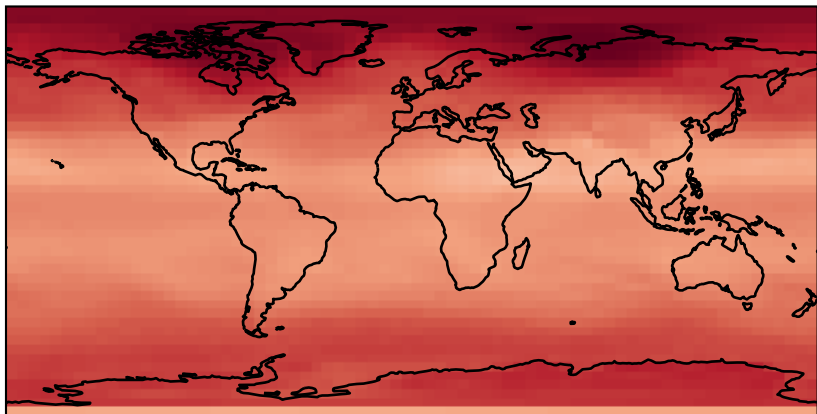
Difference  
Dev - Ref, Dynamic Range



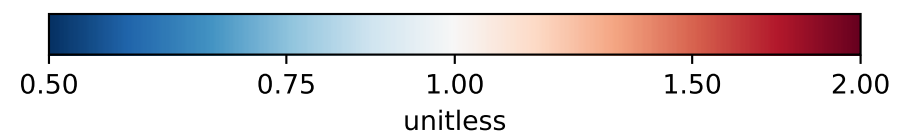
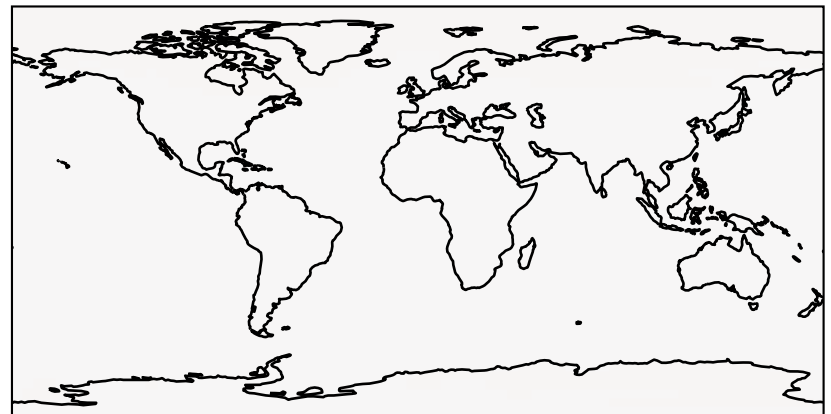
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

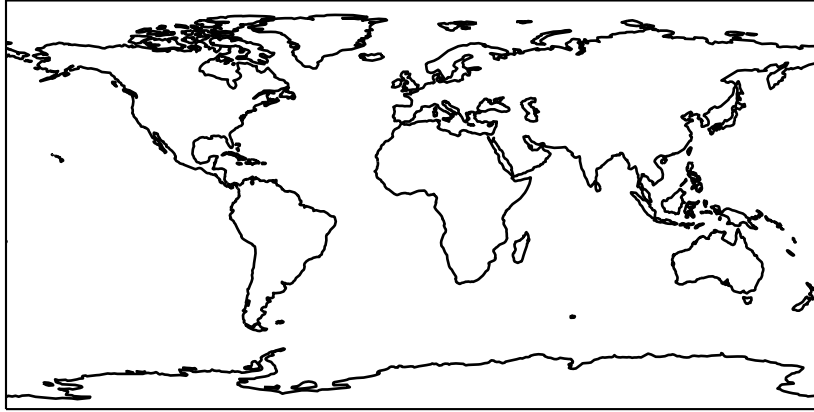


Ratio  
Dev/Ref, Fixed Range



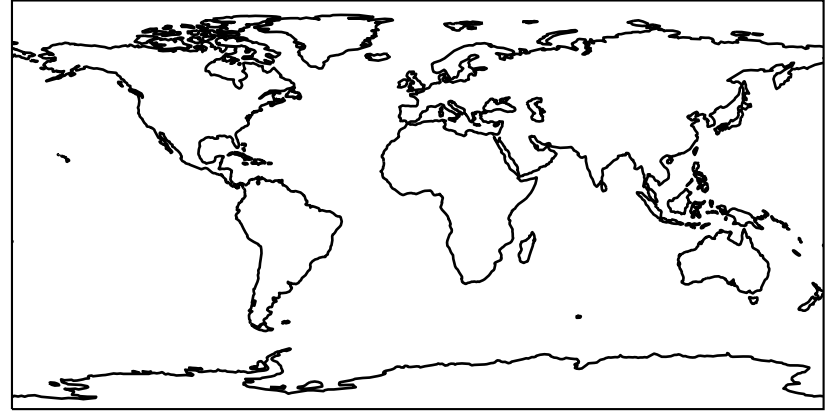
# Jval\_NIT (Apr2019)

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



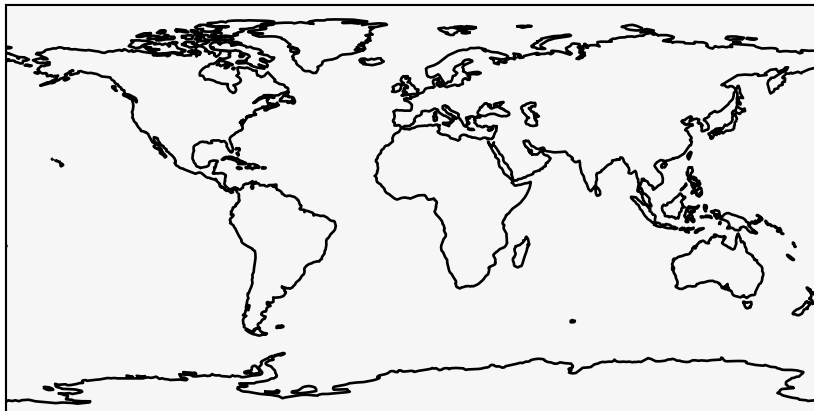
Zero throughput domain  
s-1

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



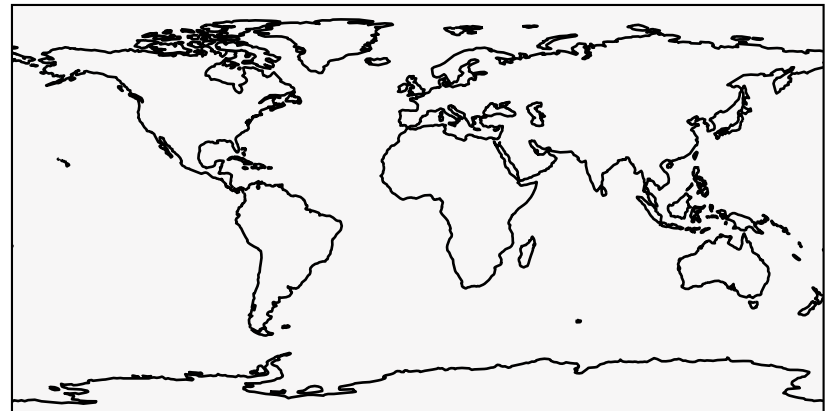
Zero throughput domain  
s-1

Difference  
Dev - Ref, Dynamic Range



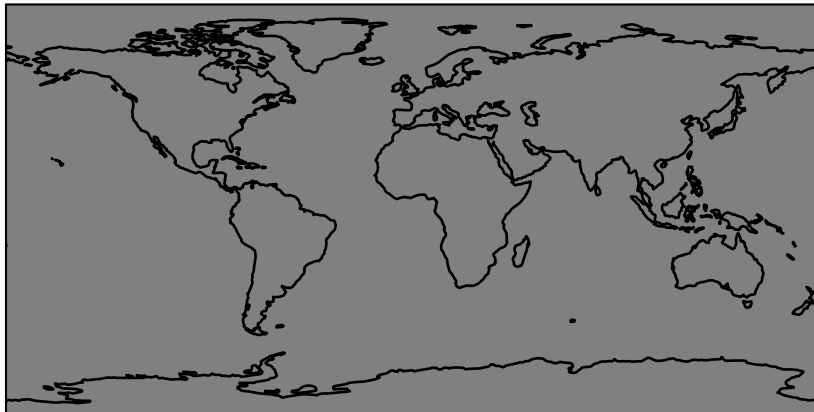
Zero throughput domain  
s-1

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



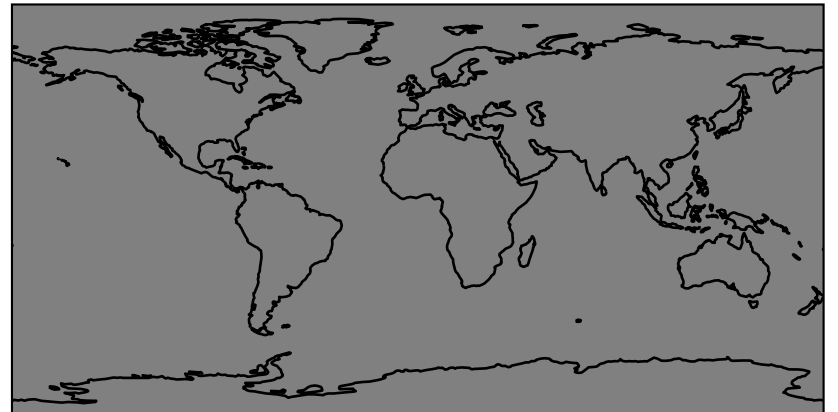
Zero throughput domain  
s-1

Ratio  
Dev/Ref, Dynamic Range



Undefined throughput domain  
unitless

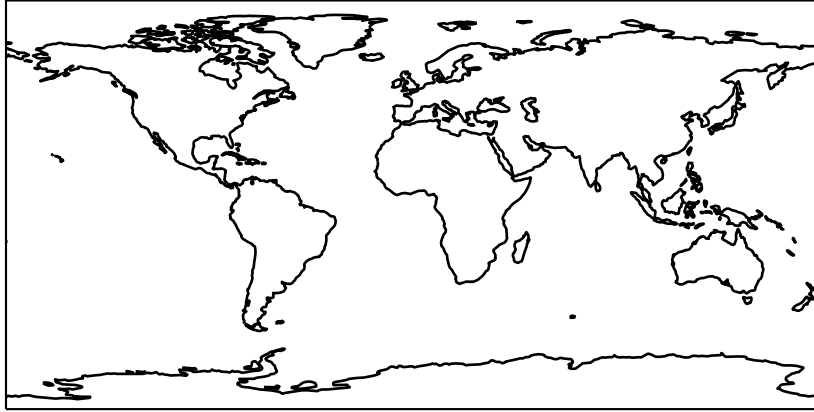
Ratio  
Dev/Ref, Fixed Range



Undefined throughput domain  
unitless

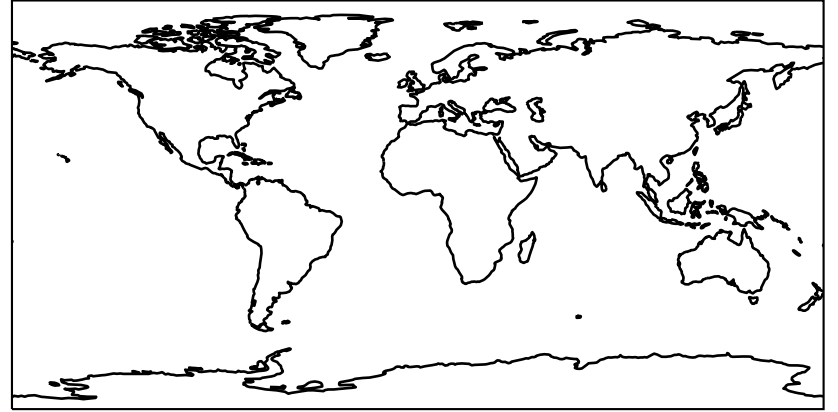
# Jval\_NITs (Apr2019)

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



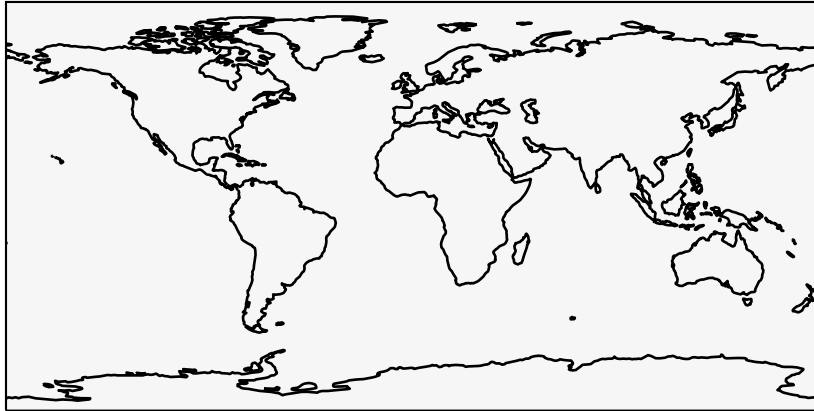
Zero throughout domain  
s-1

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



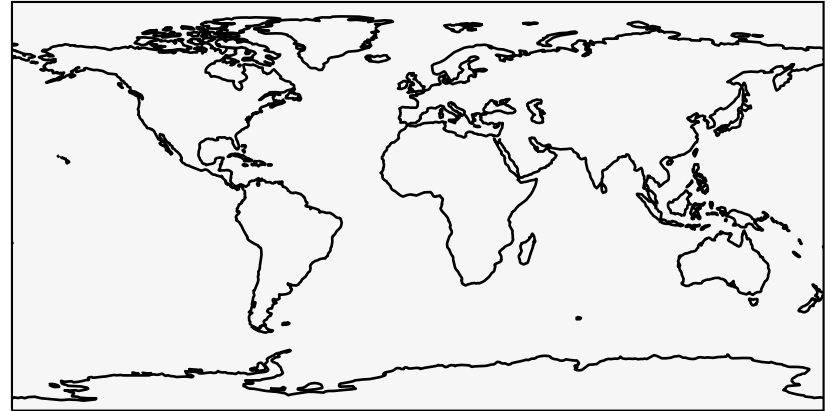
Zero throughout domain  
s-1

Difference  
Dev - Ref, Dynamic Range



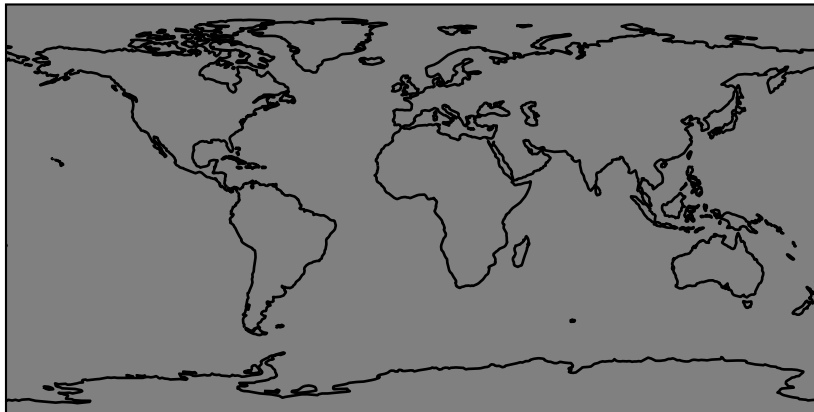
Zero throughout domain  
s-1

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



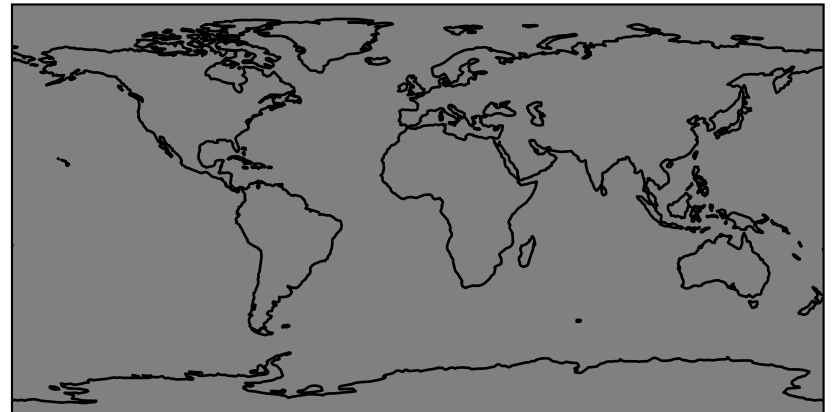
Zero throughout domain  
s-1

Ratio  
Dev/Ref, Dynamic Range



Undefined throughout domain  
unitless

Ratio  
Dev/Ref, Fixed Range

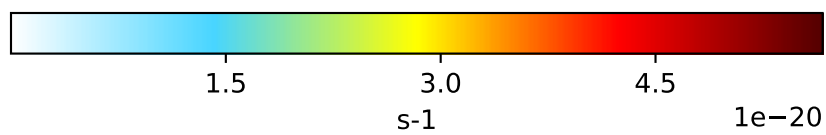
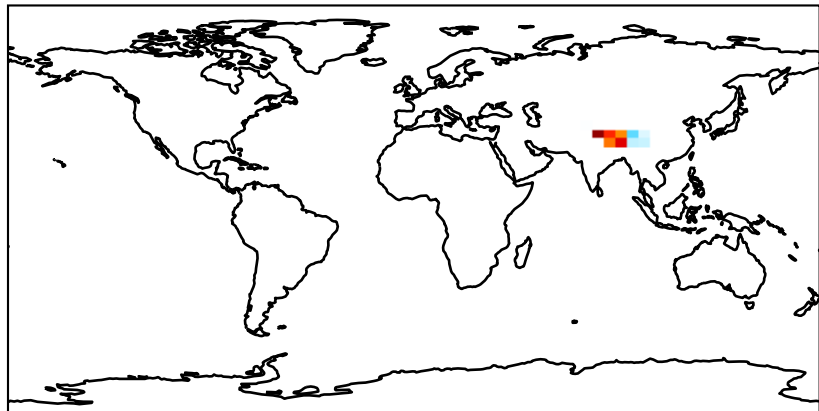


Undefined throughout domain  
unitless

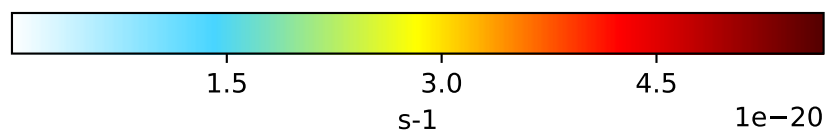


# Jval\_NO (Apr2019)

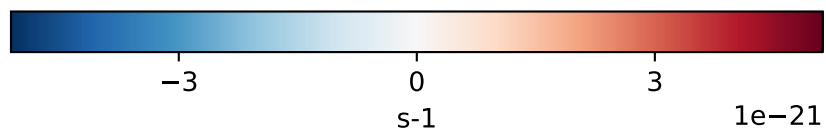
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



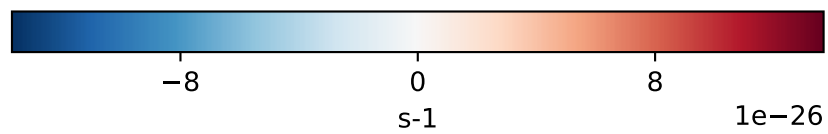
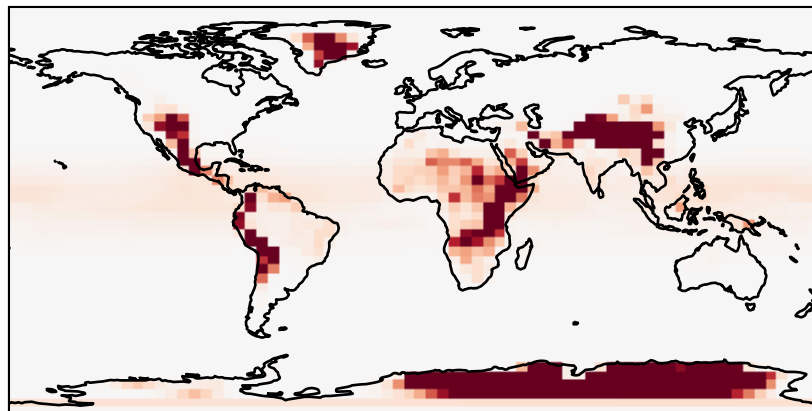
GCC\_13.0.0 (Dev)  
4.0x5.0



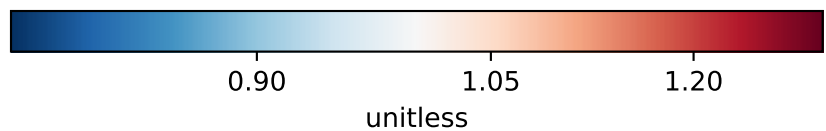
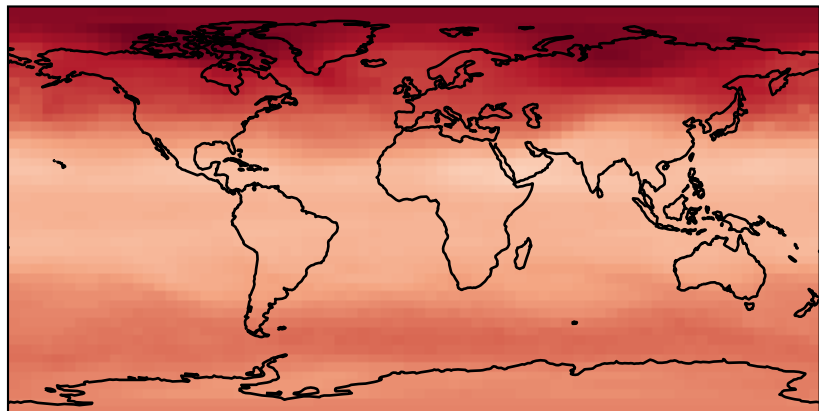
Difference  
Dev - Ref, Dynamic Range



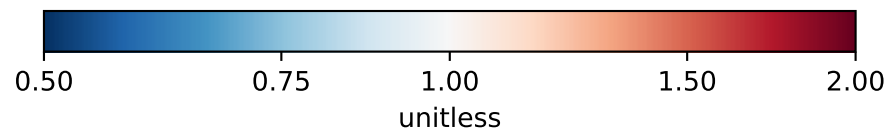
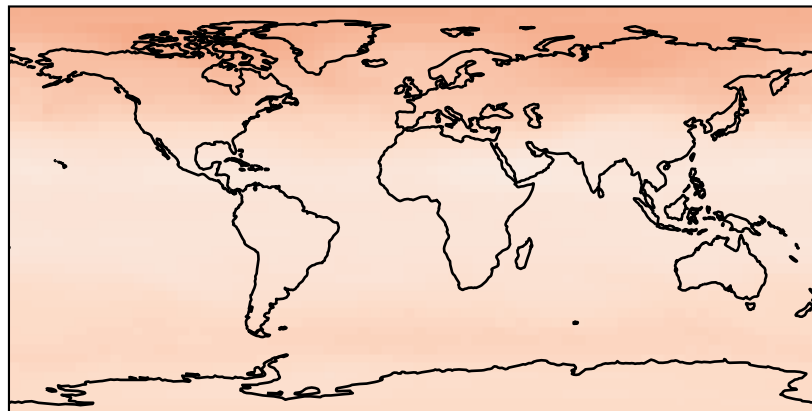
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

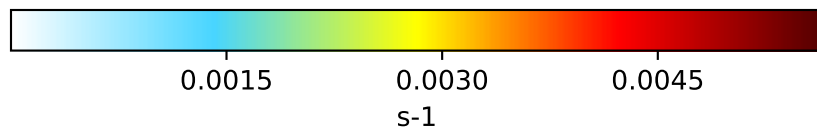
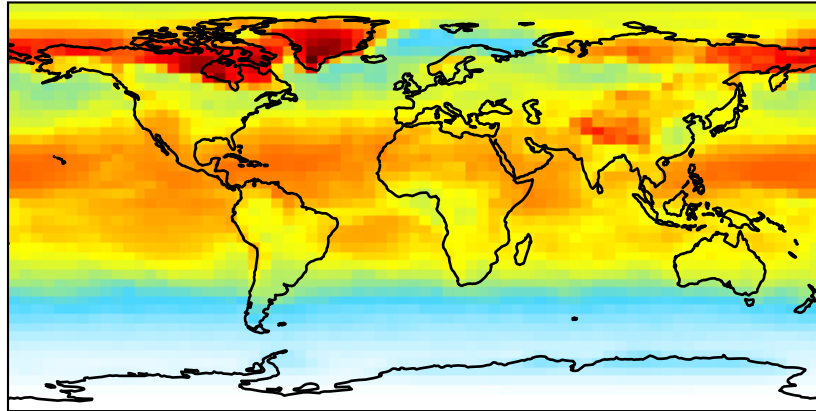


Ratio  
Dev/Ref, Fixed Range

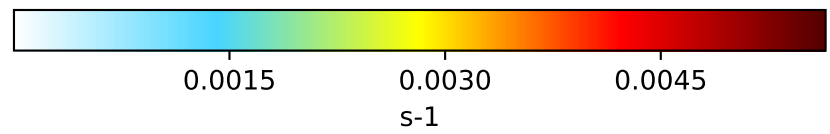
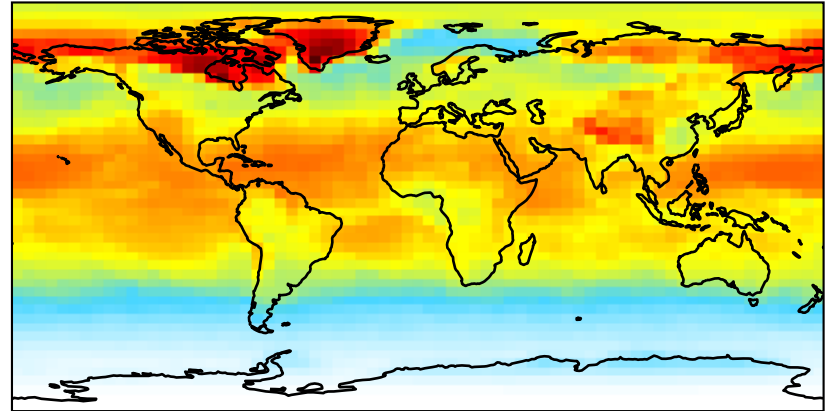


# Jval\_NO2 (Apr2019)

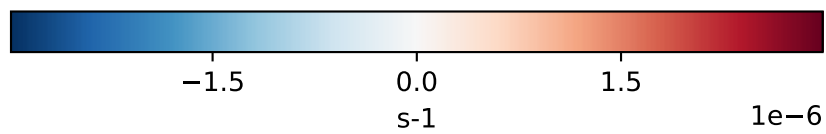
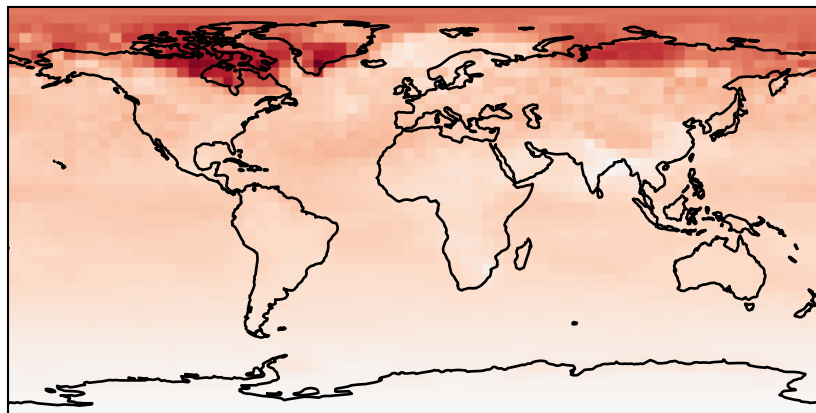
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



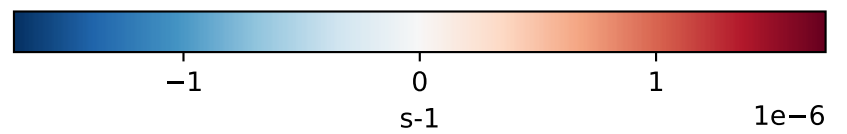
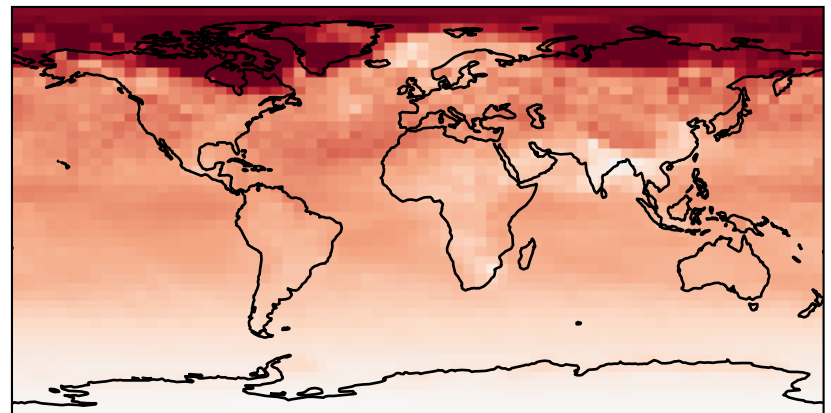
GCC\_13.0.0 (Dev)  
4.0x5.0



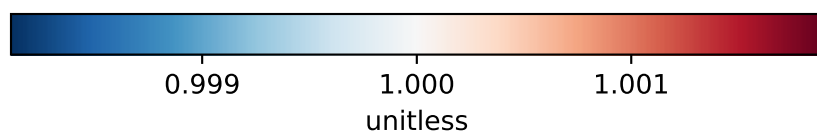
Difference  
Dev - Ref, Dynamic Range



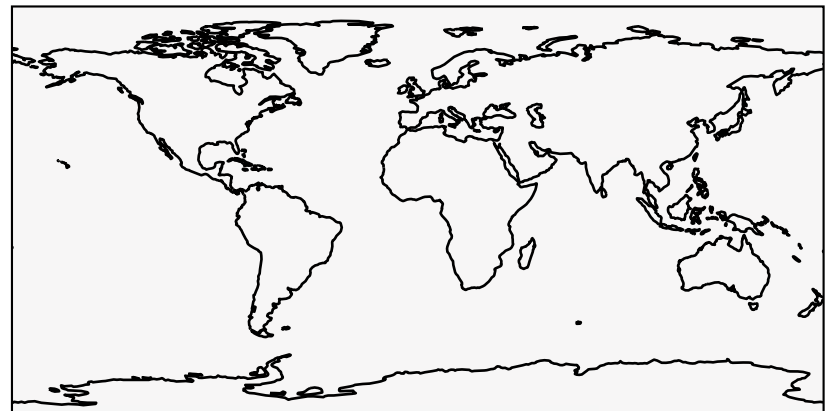
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

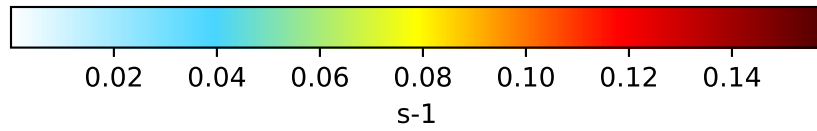
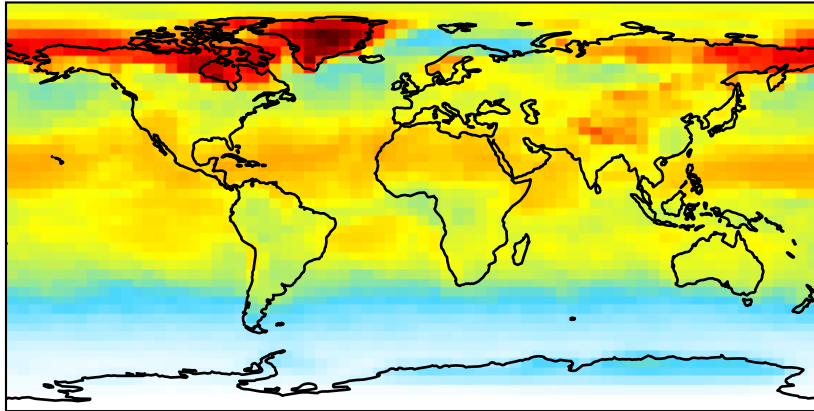


Ratio  
Dev/Ref, Fixed Range

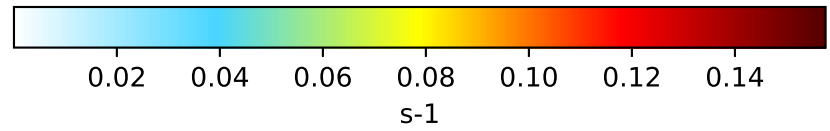
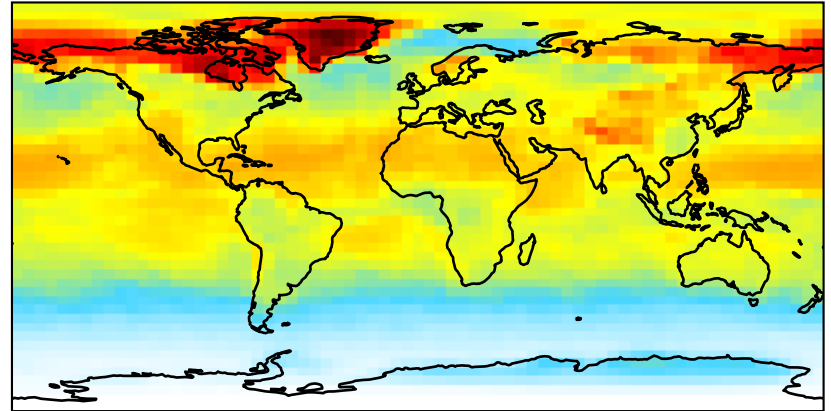


# Jval\_NO3 (Apr2019)

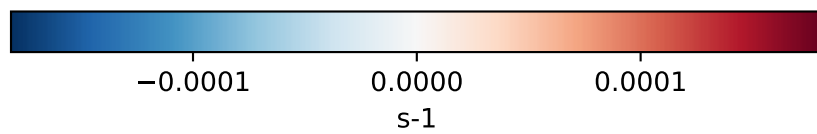
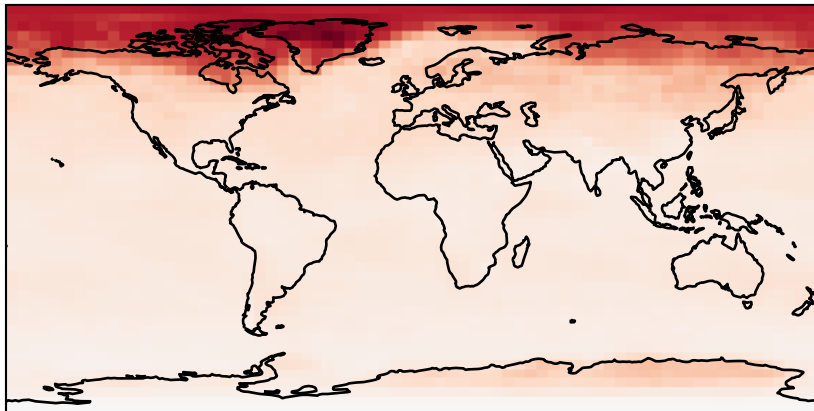
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



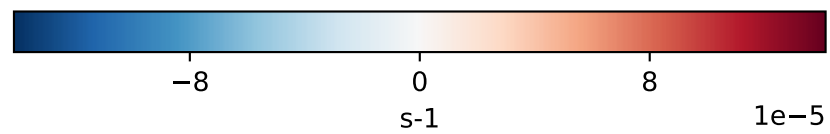
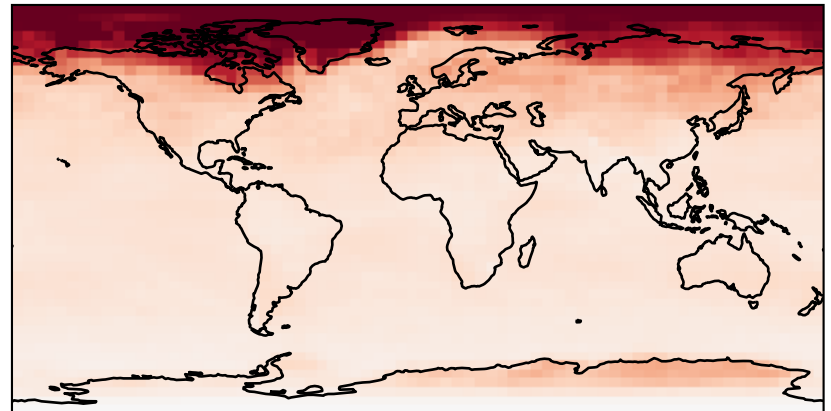
GCC\_13.0.0 (Dev)  
4.0x5.0



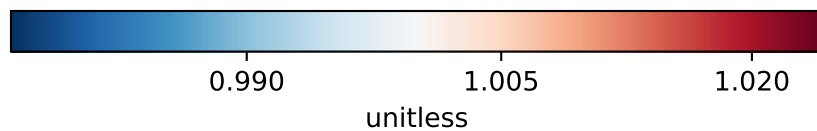
Difference  
Dev - Ref, Dynamic Range



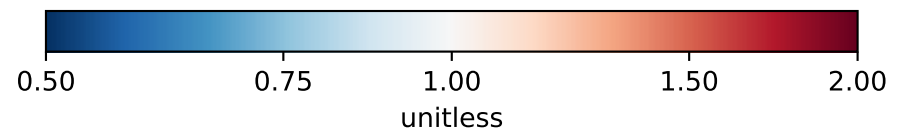
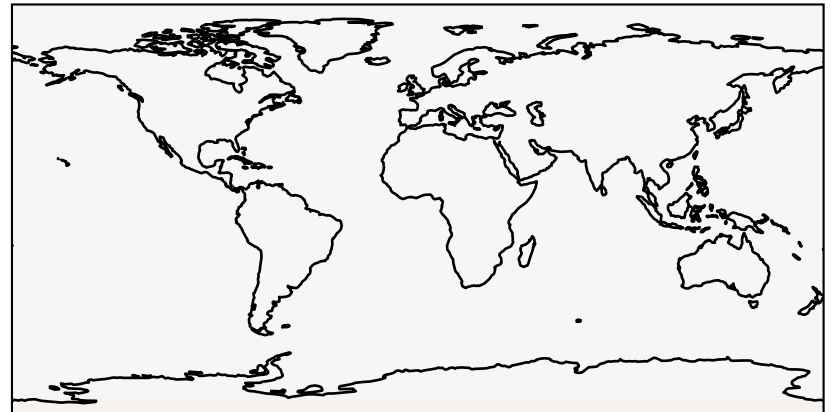
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

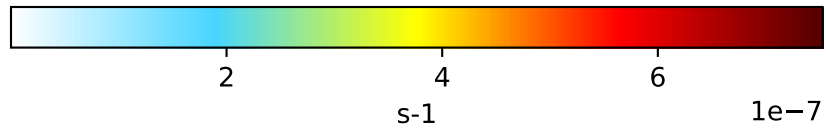
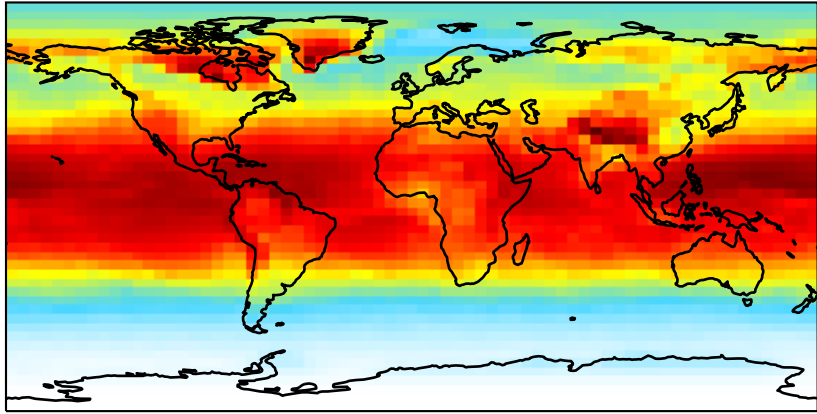


Ratio  
Dev/Ref, Fixed Range

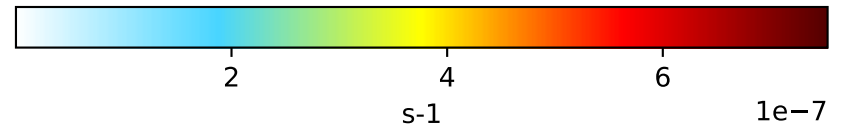
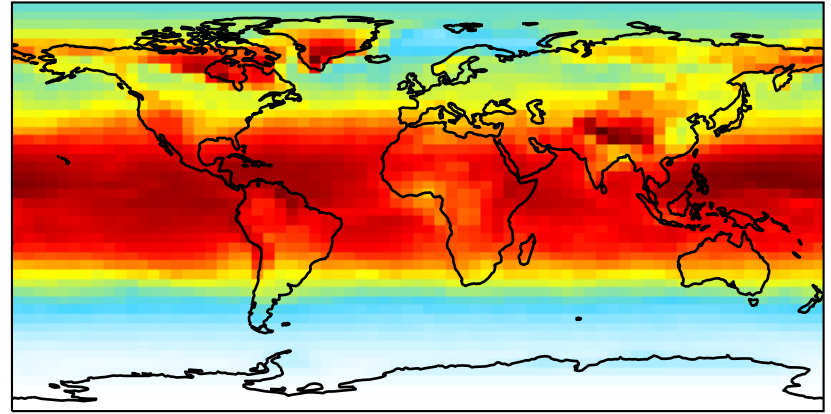


# Jval\_NPRNO3 (Apr2019)

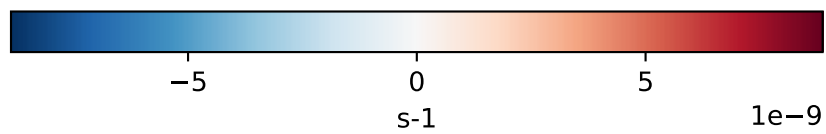
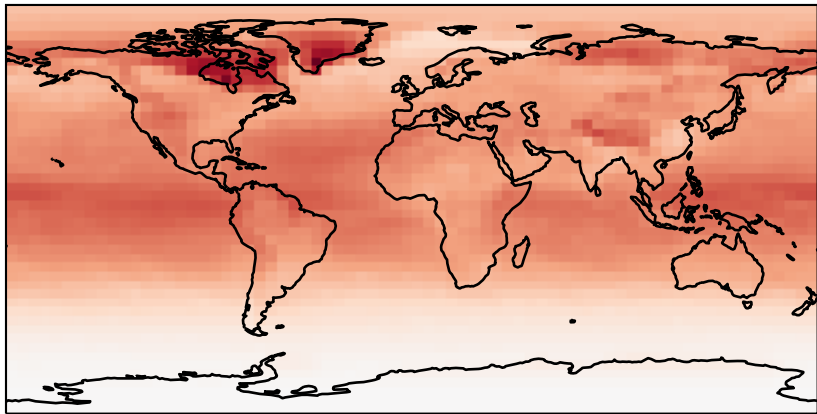
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



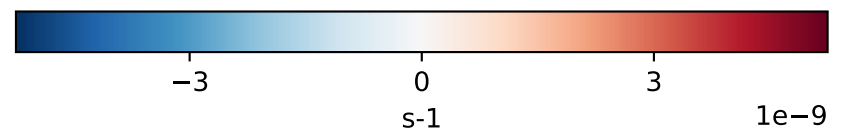
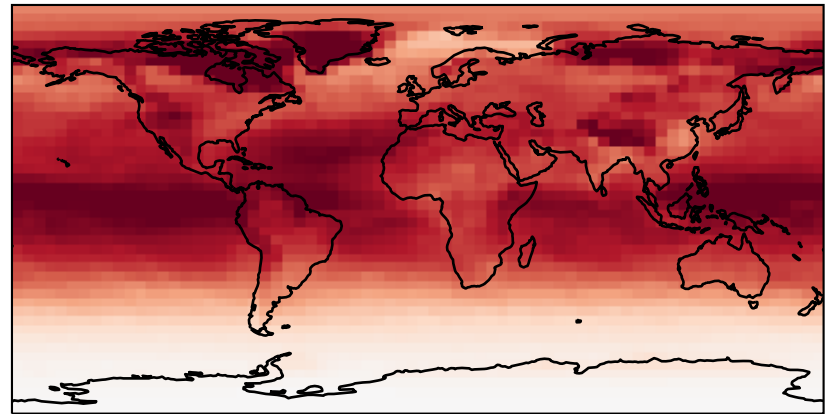
GCC\_13.0.0 (Dev)  
4.0x5.0



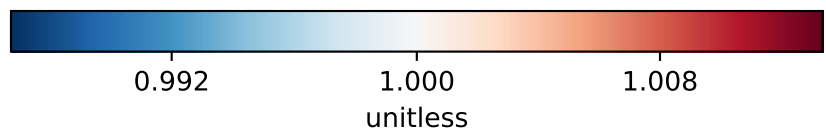
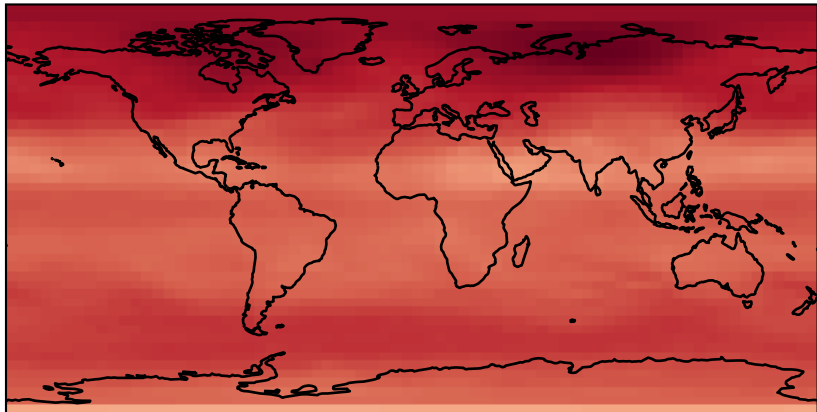
Difference  
Dev - Ref, Dynamic Range



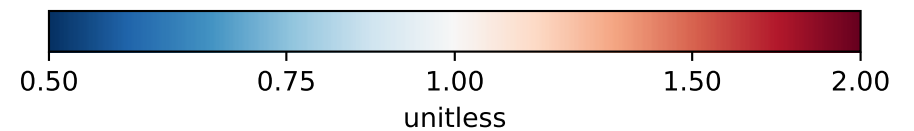
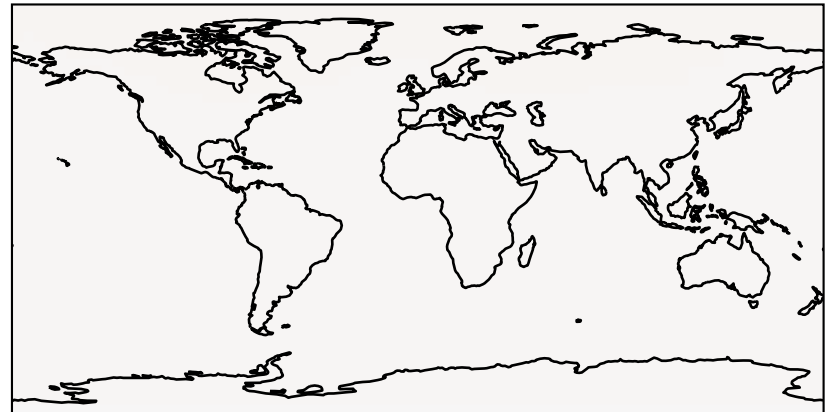
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

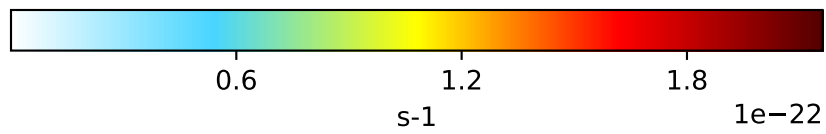
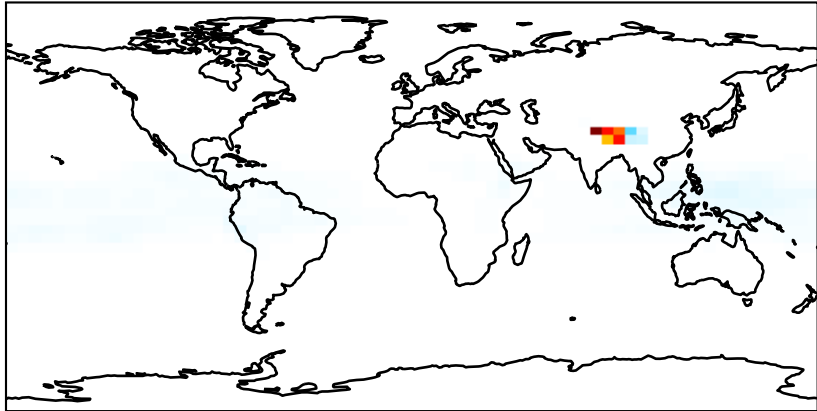


Ratio  
Dev/Ref, Fixed Range

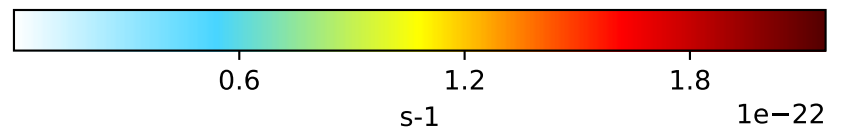
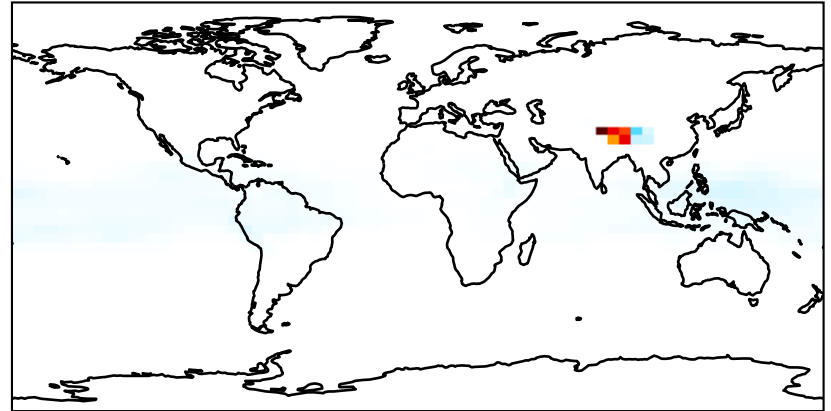


# Jval\_O2 (Apr2019)

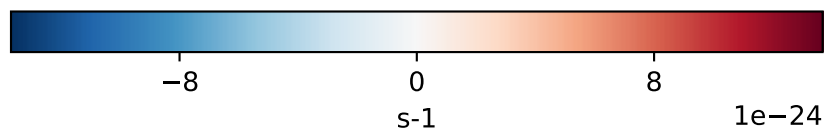
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



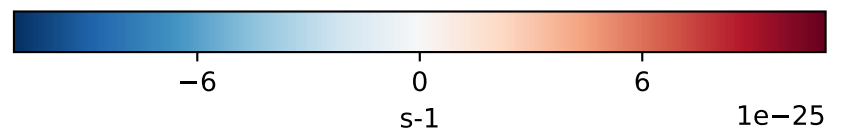
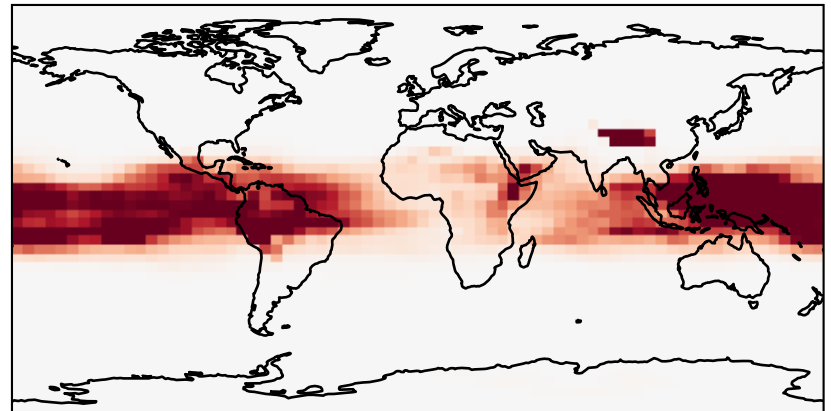
GCC\_13.0.0 (Dev)  
4.0x5.0



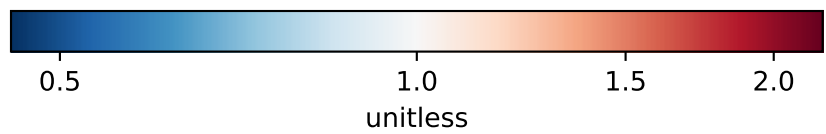
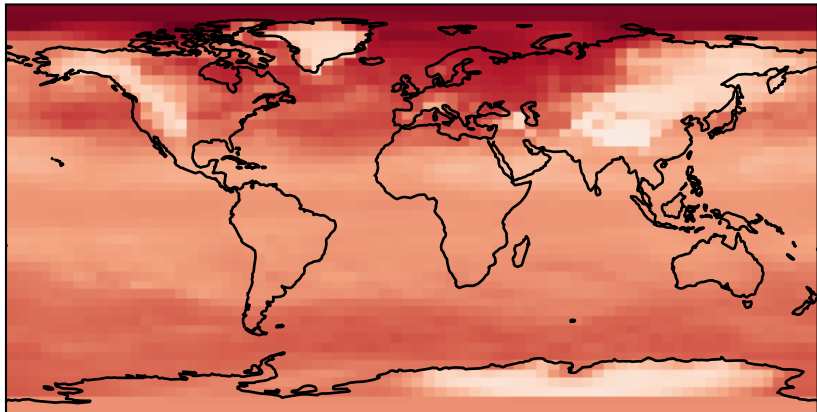
Difference  
Dev - Ref, Dynamic Range



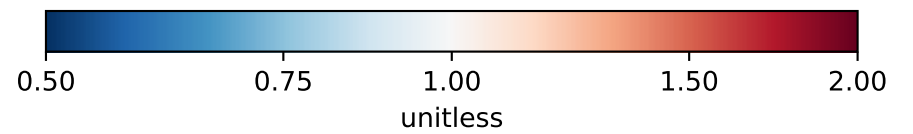
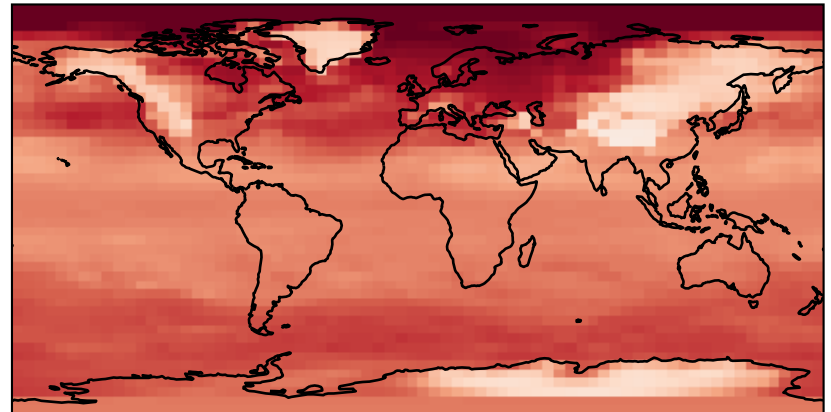
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



Ratio  
Dev/Ref, Fixed Range





# Jval\_O3 (Apr2019)

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



Zero throughout domain  
s-1

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



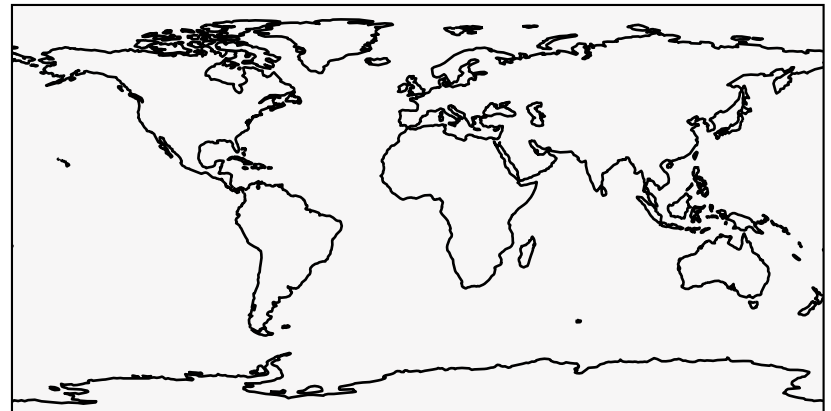
Zero throughout domain  
s-1

Difference  
Dev - Ref, Dynamic Range



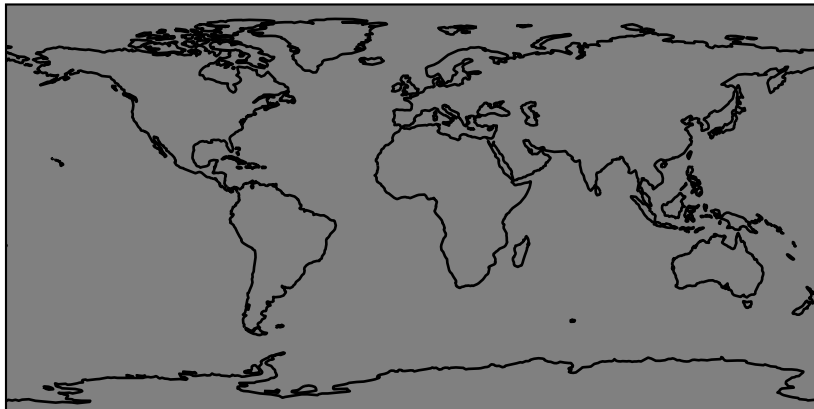
Zero throughout domain  
s-1

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



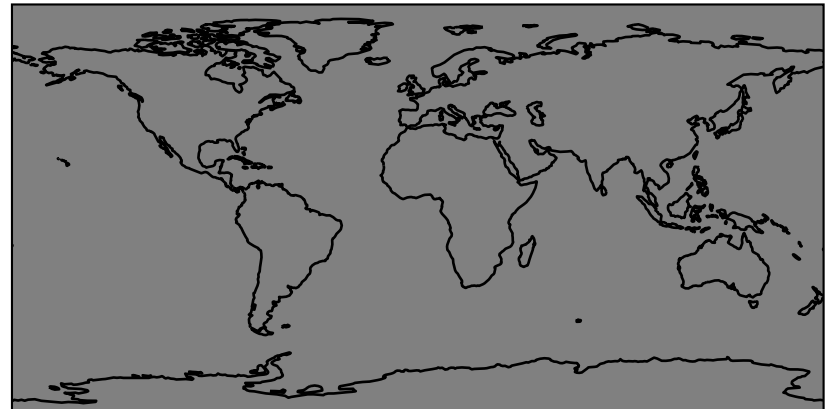
Zero throughout domain  
s-1

Ratio  
Dev/Ref, Dynamic Range



Undefined throughout domain  
unitless

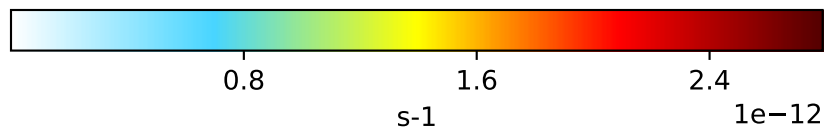
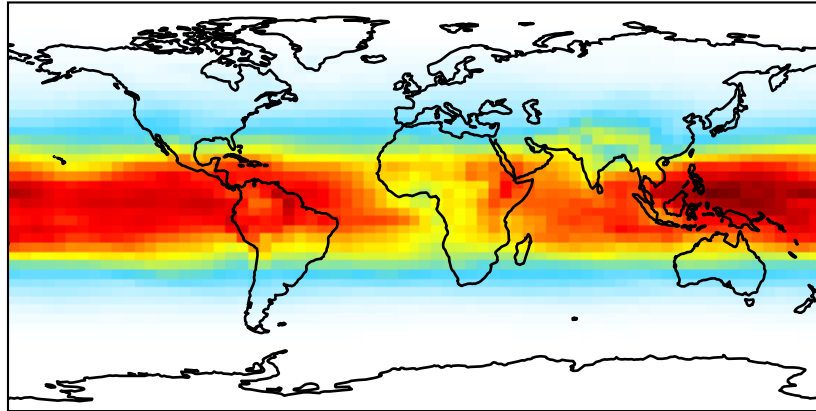
Ratio  
Dev/Ref, Fixed Range



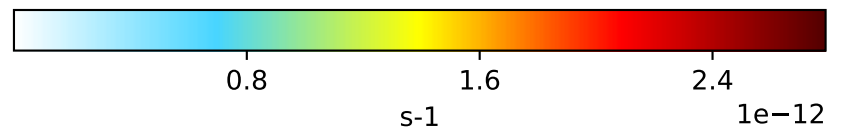
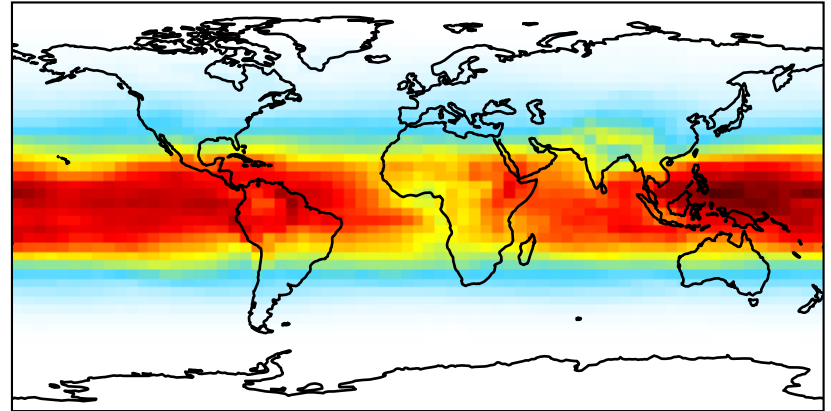
Undefined throughout domain  
unitless

# Jval\_OCS (Apr2019)

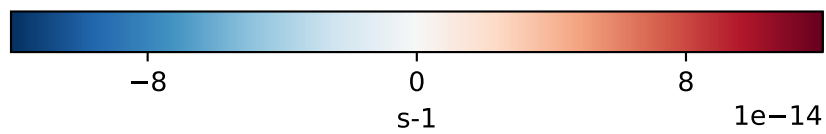
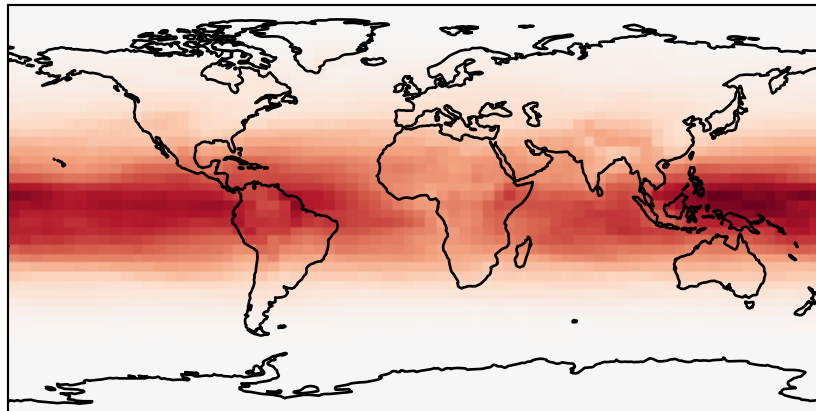
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



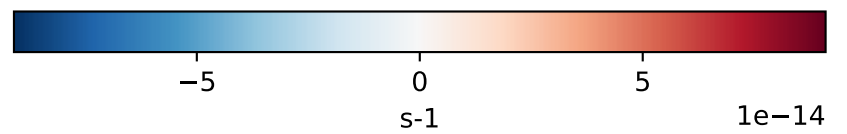
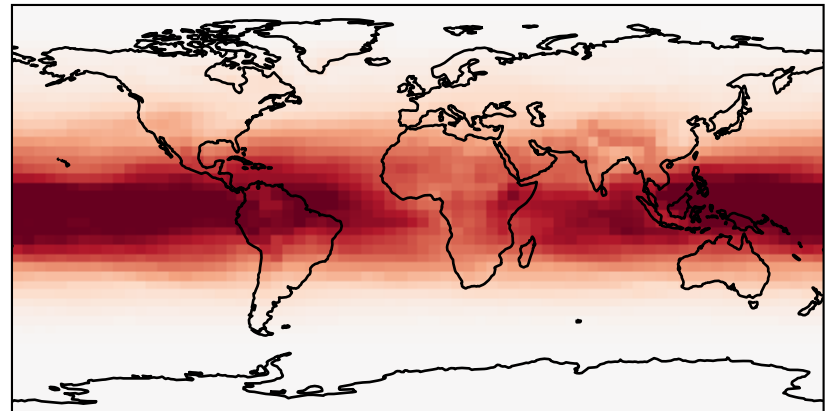
GCC\_13.0.0 (Dev)  
4.0x5.0



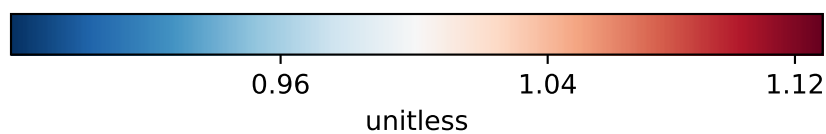
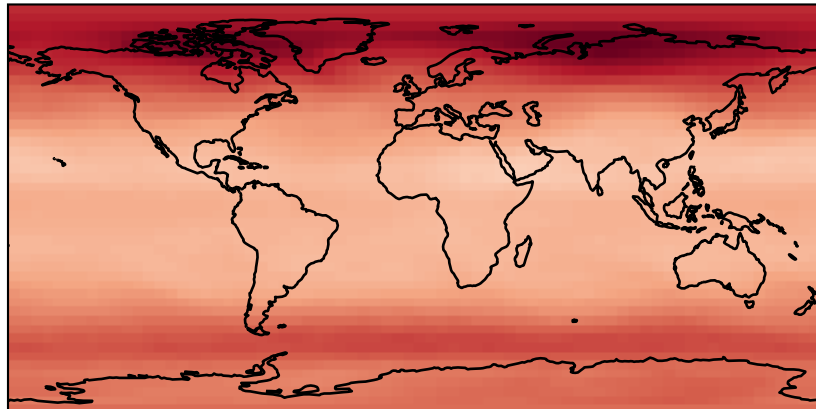
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

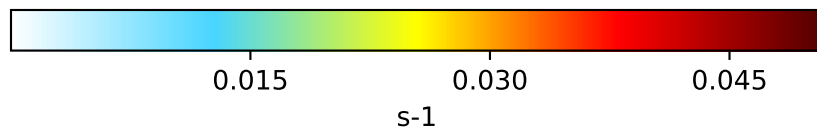
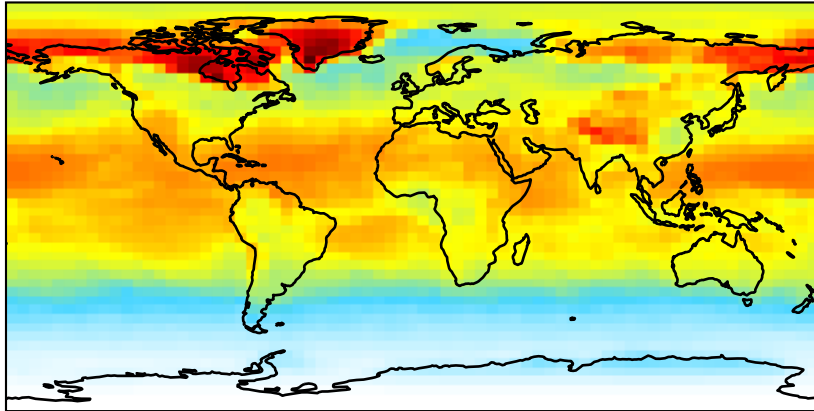


Ratio  
Dev/Ref, Fixed Range

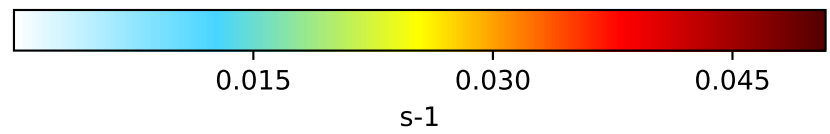
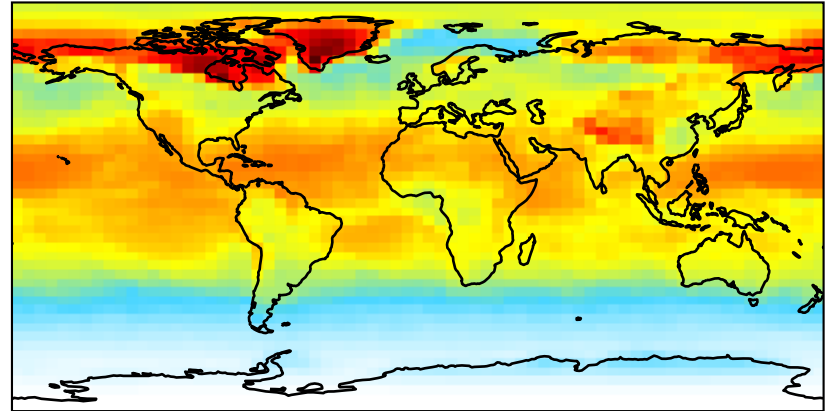


# Jval\_OCIO (Apr2019)

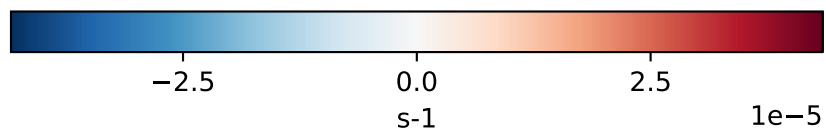
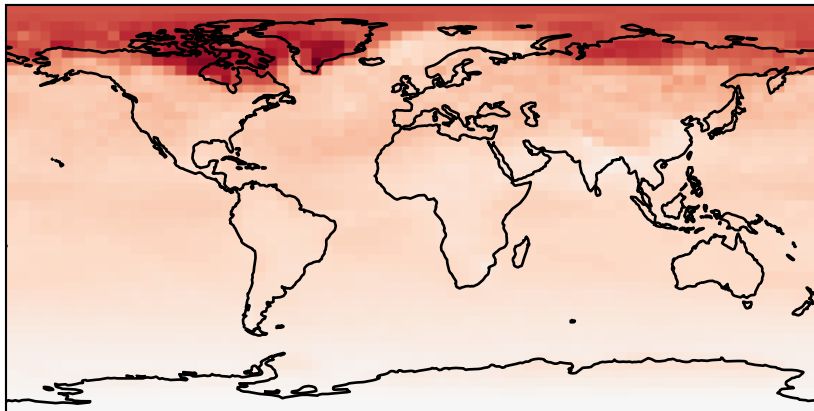
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



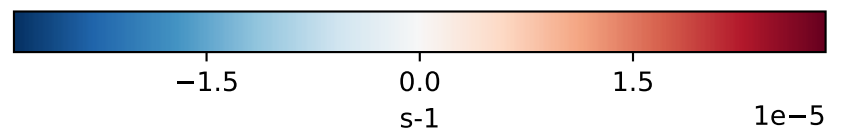
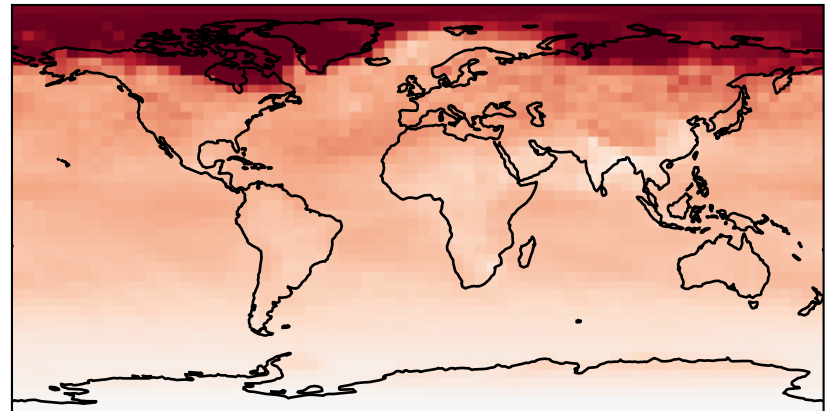
GCC\_13.0.0 (Dev)  
4.0x5.0



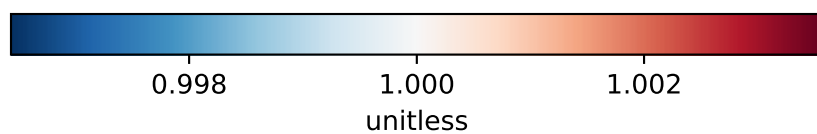
Difference  
Dev - Ref, Dynamic Range



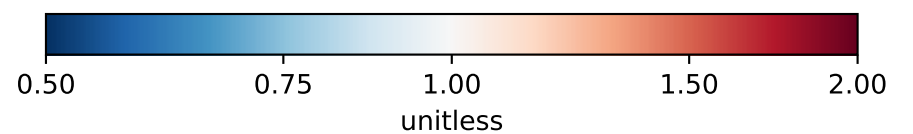
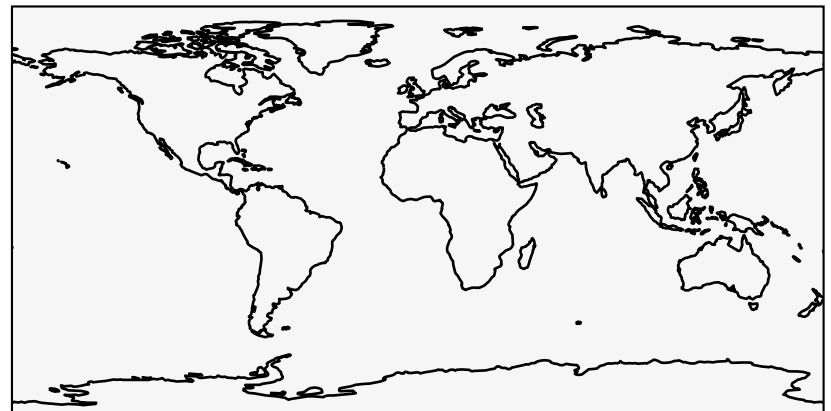
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

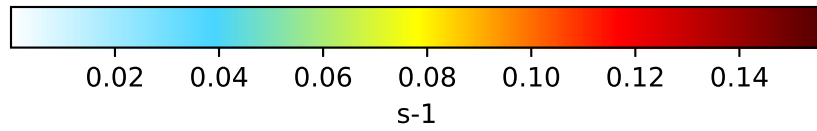
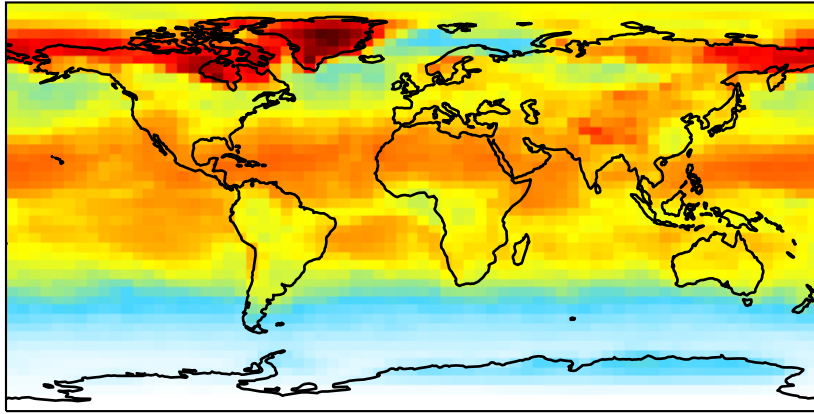


Ratio  
Dev/Ref, Fixed Range

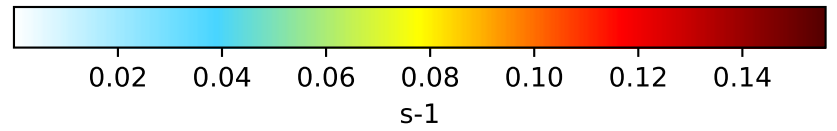
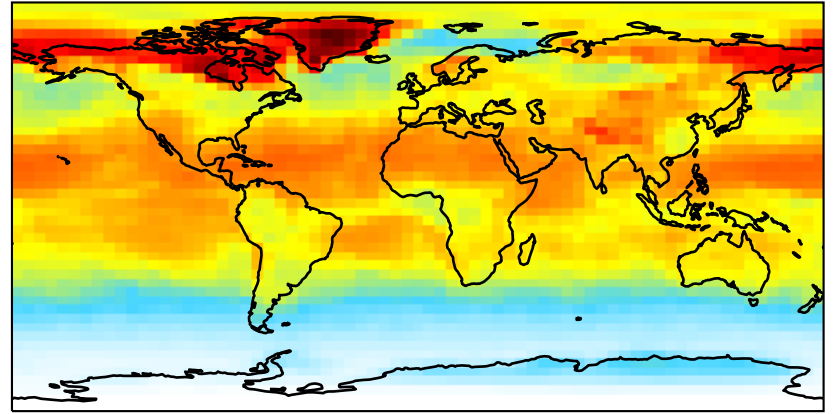


# Jval\_OIO (Apr2019)

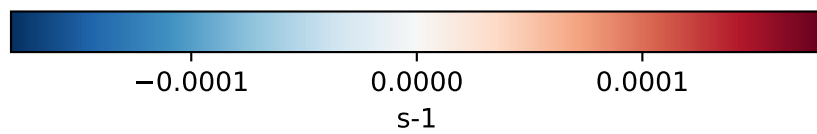
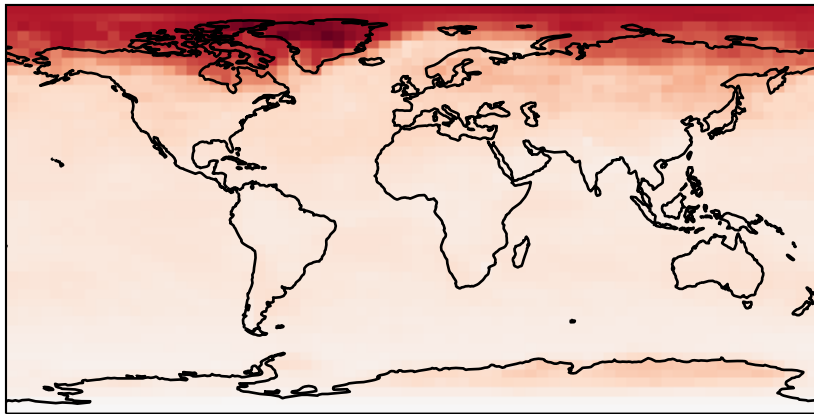
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



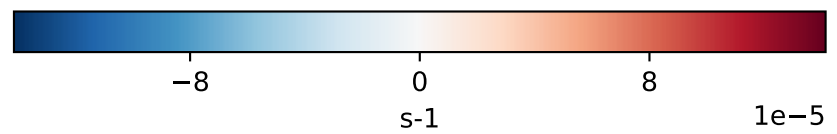
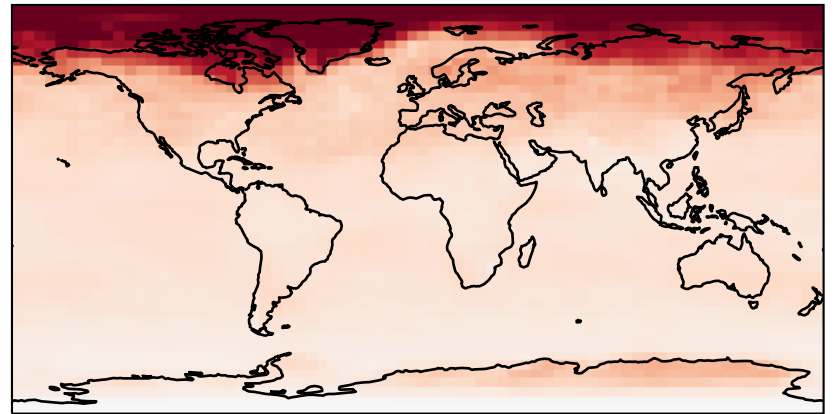
GCC\_13.0.0 (Dev)  
4.0x5.0



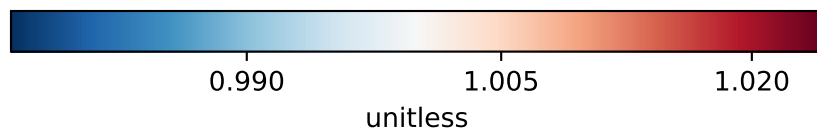
Difference  
Dev - Ref, Dynamic Range



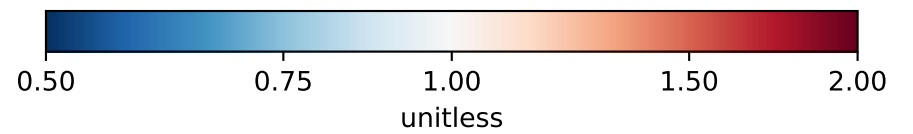
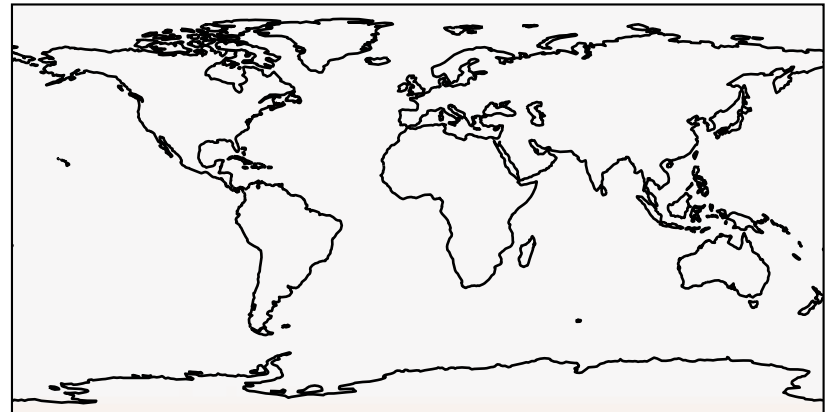
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

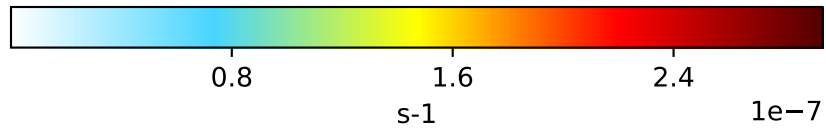
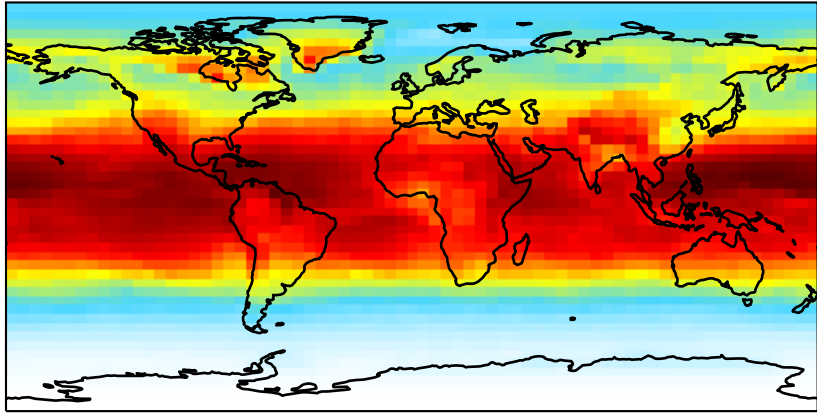


Ratio  
Dev/Ref, Fixed Range

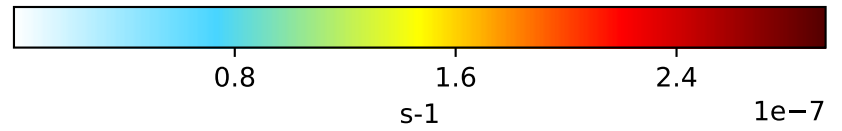
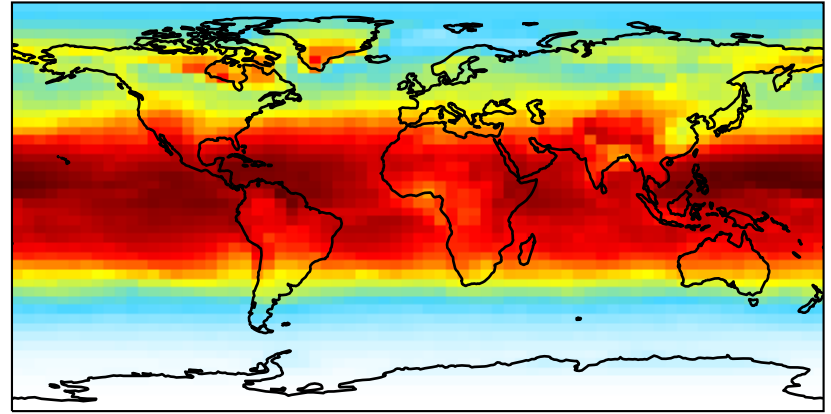


# Jval\_PAN (Apr2019)

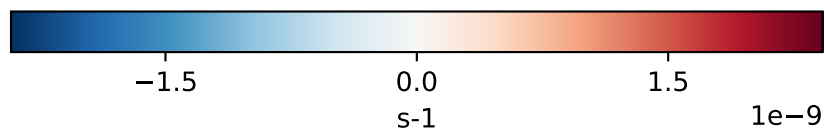
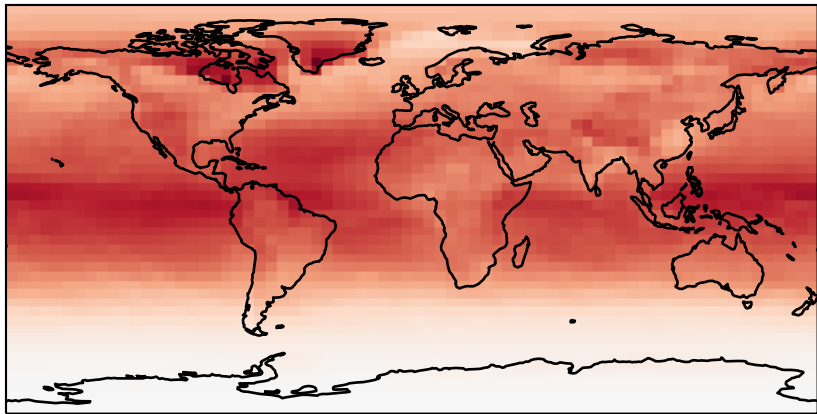
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



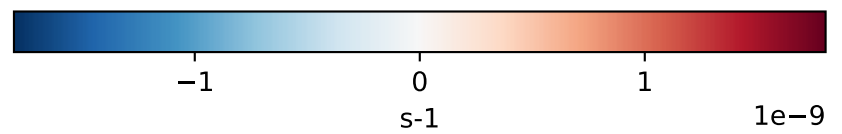
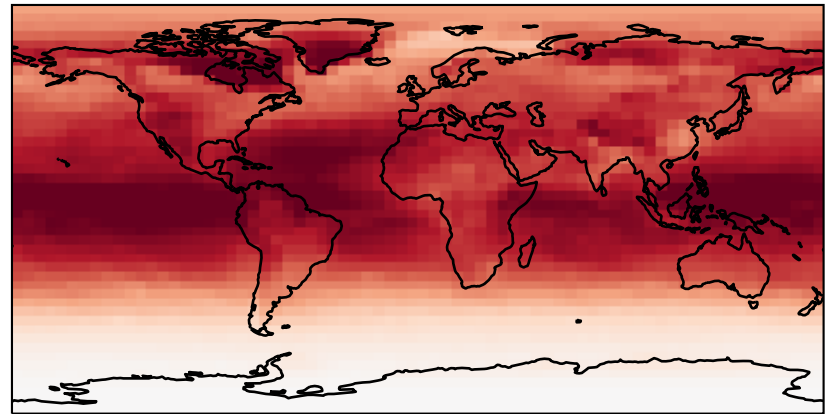
GCC\_13.0.0 (Dev)  
4.0x5.0



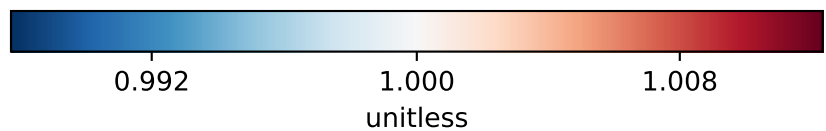
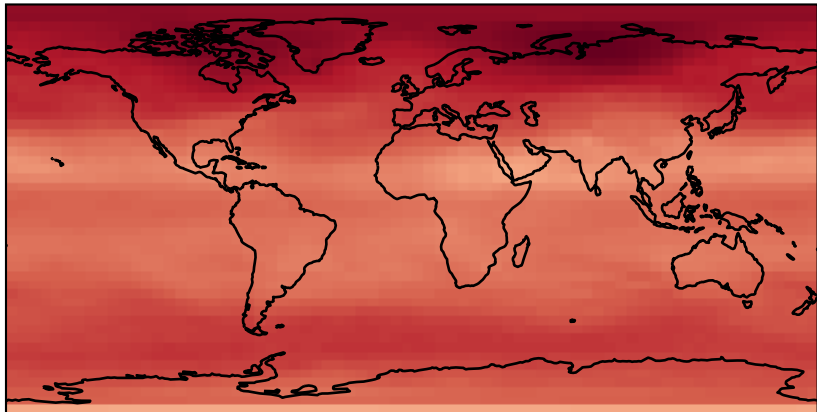
Difference  
Dev - Ref, Dynamic Range



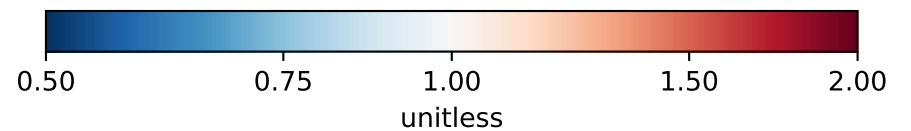
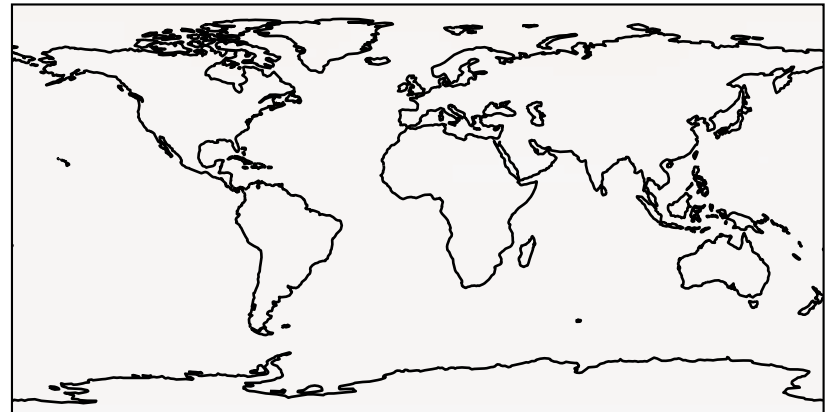
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



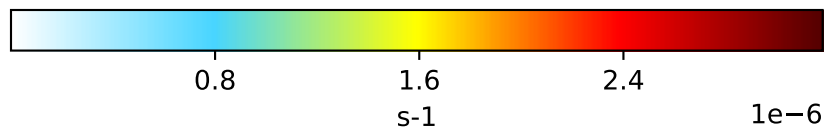
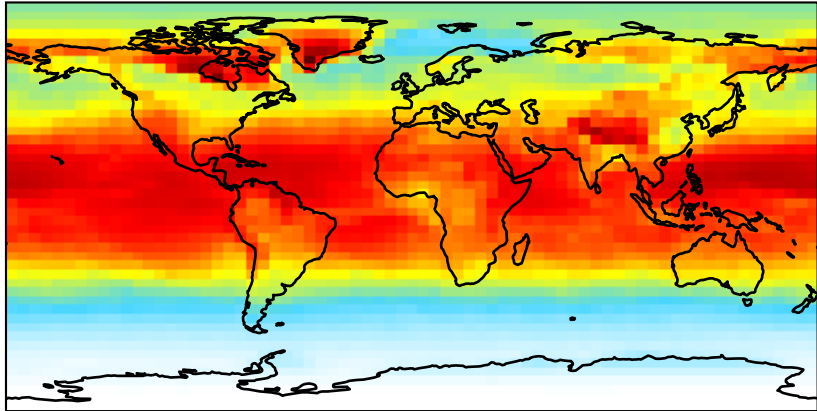
Ratio  
Dev/Ref, Fixed Range



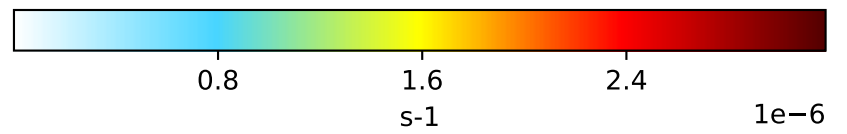
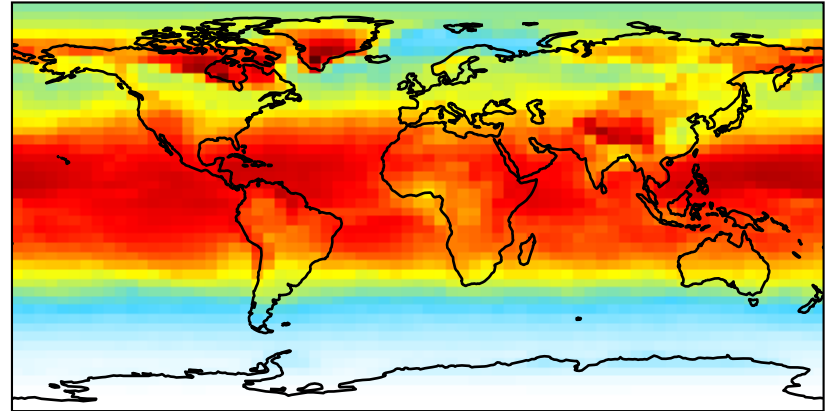


# Jval\_PIP (Apr2019)

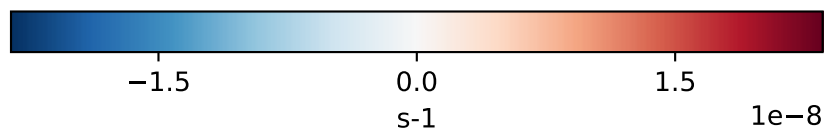
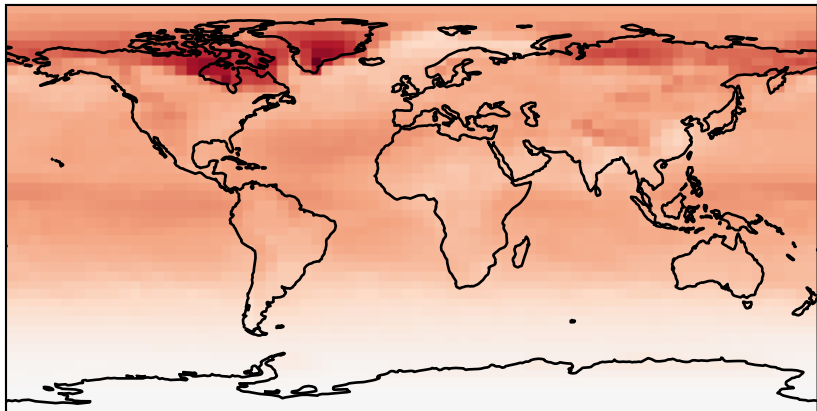
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



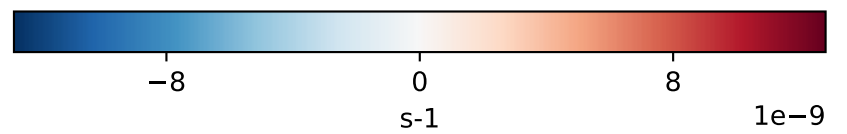
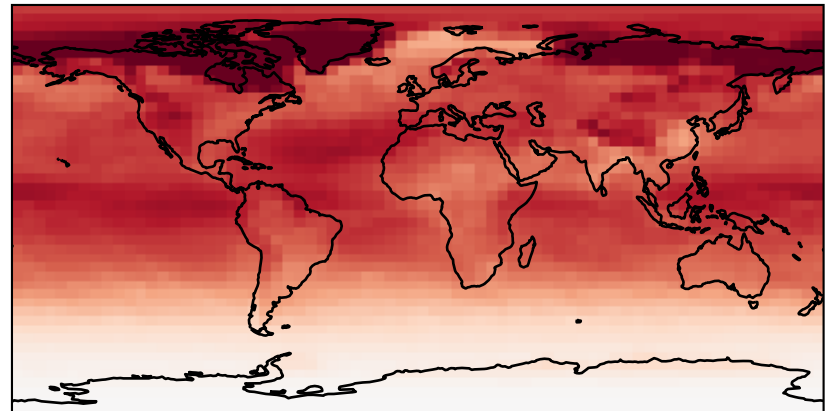
GCC\_13.0.0 (Dev)  
4.0x5.0



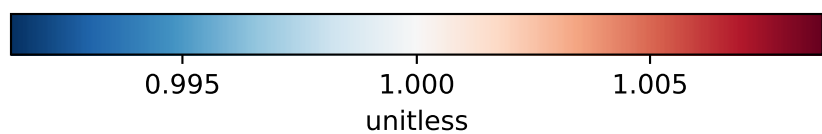
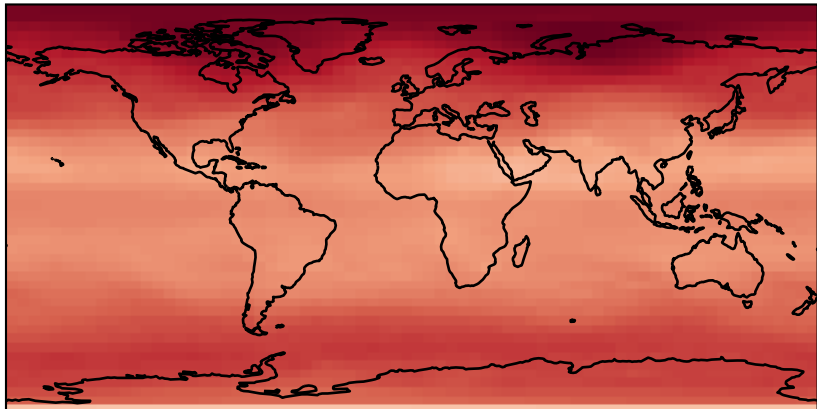
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

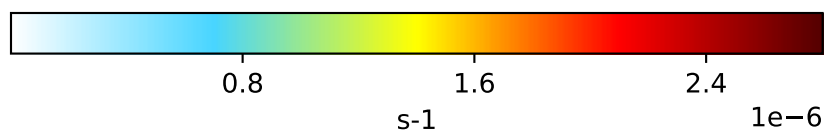
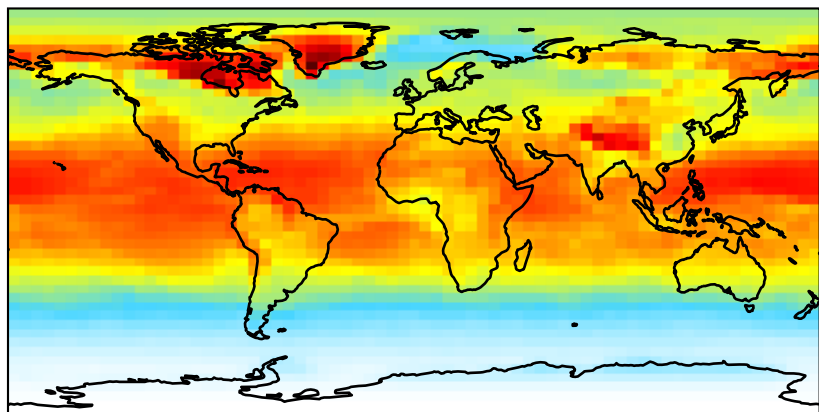


Ratio  
Dev/Ref, Fixed Range

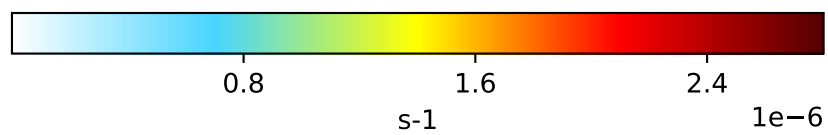
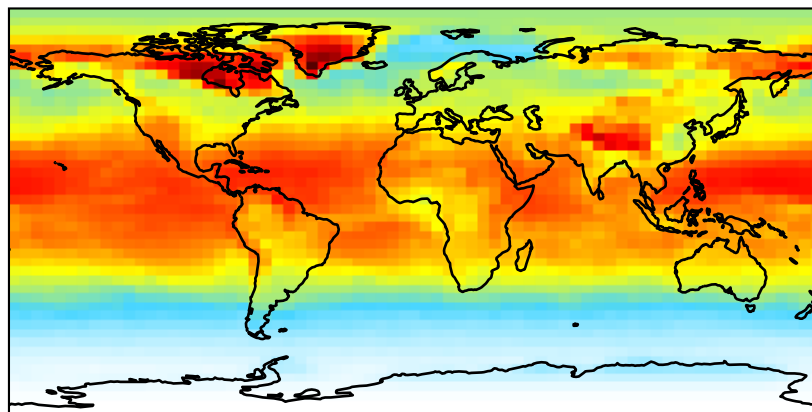


# Jval\_PP (Apr2019)

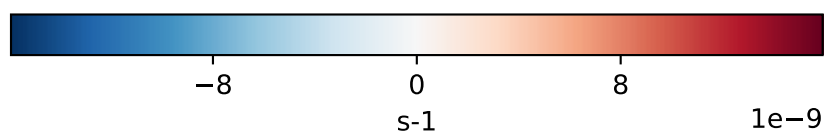
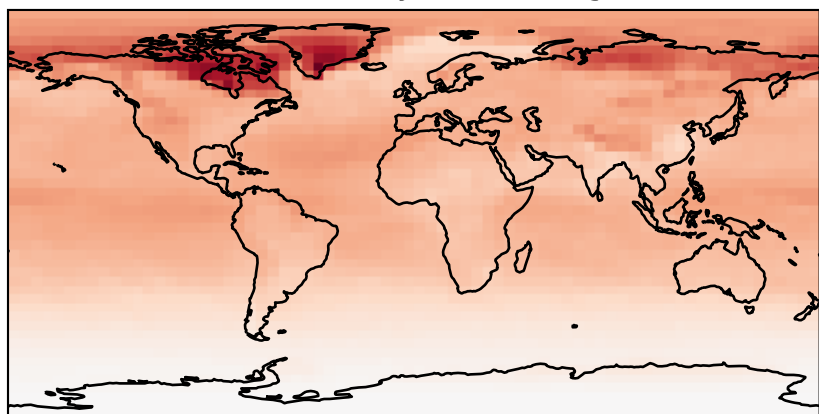
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



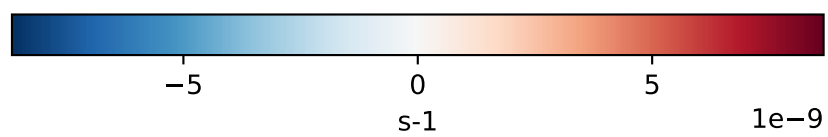
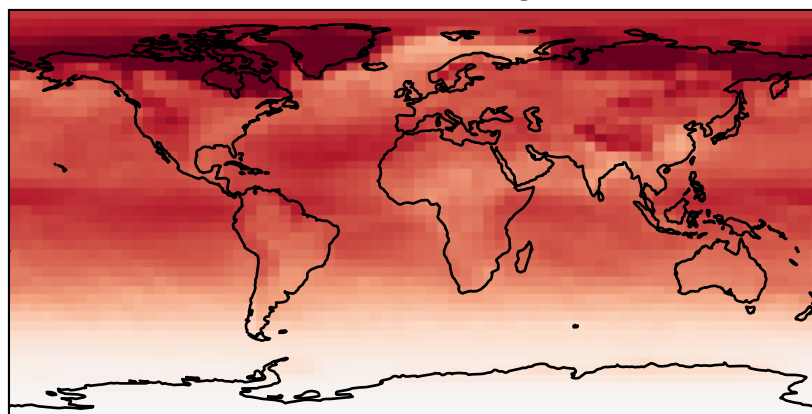
GCC\_13.0.0 (Dev)  
4.0x5.0



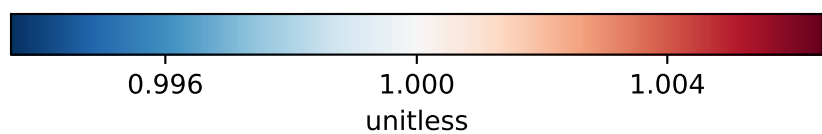
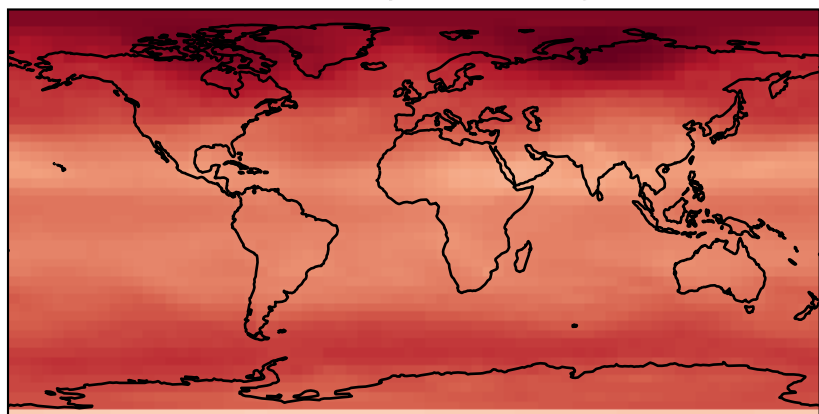
Difference  
Dev - Ref, Dynamic Range



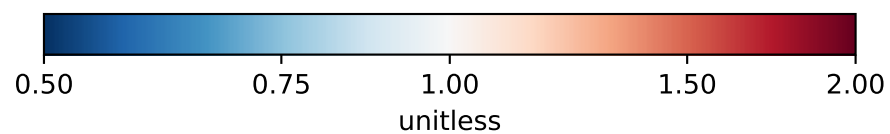
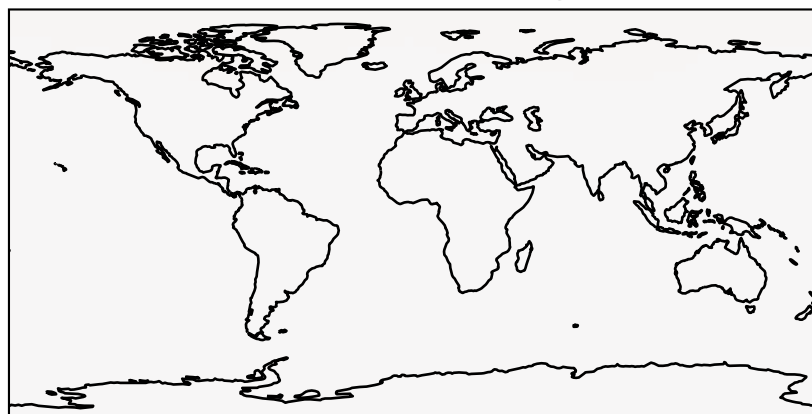
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

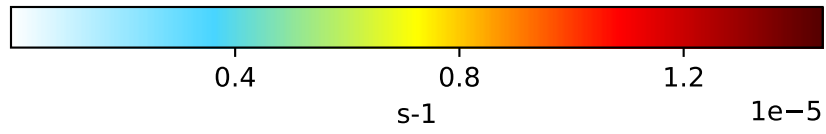
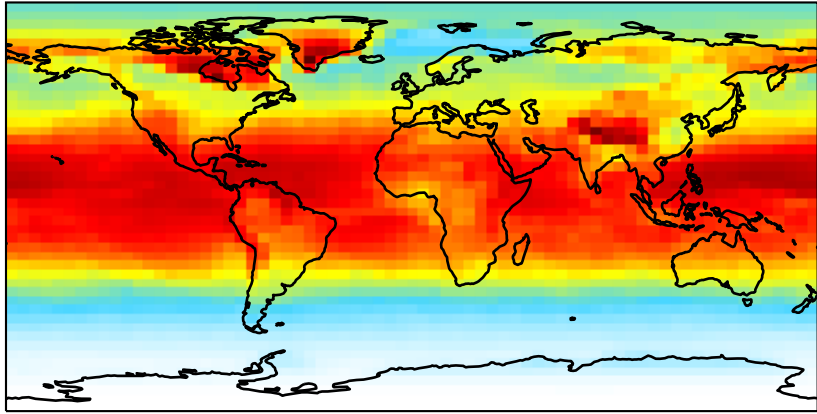


Ratio  
Dev/Ref, Fixed Range

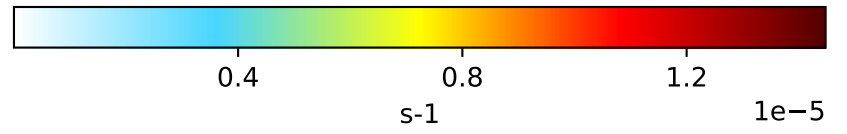
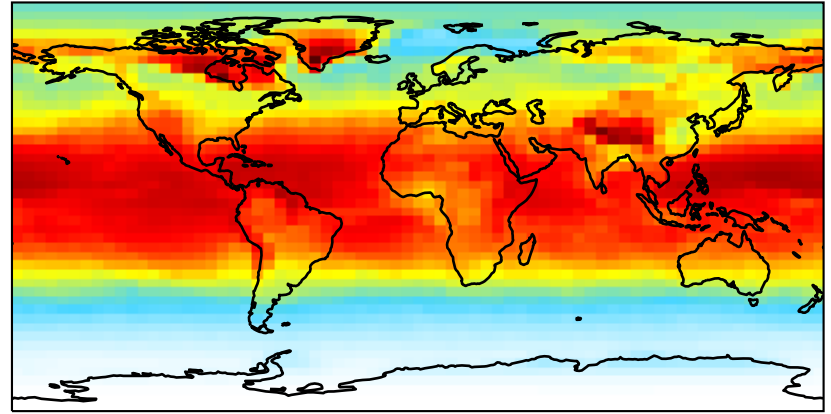


# Jval\_PROPNN (Apr2019)

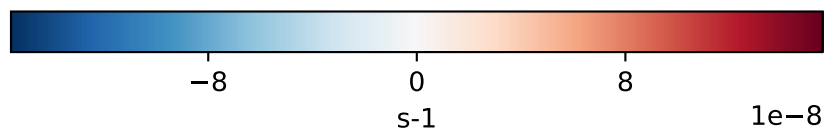
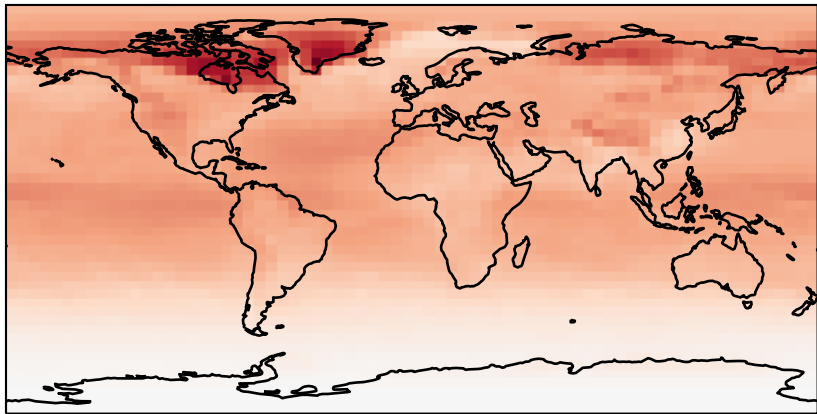
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



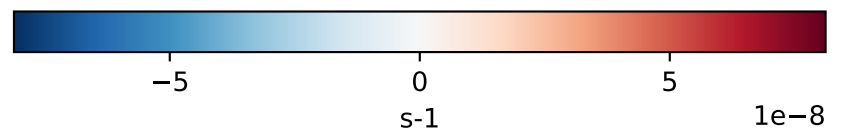
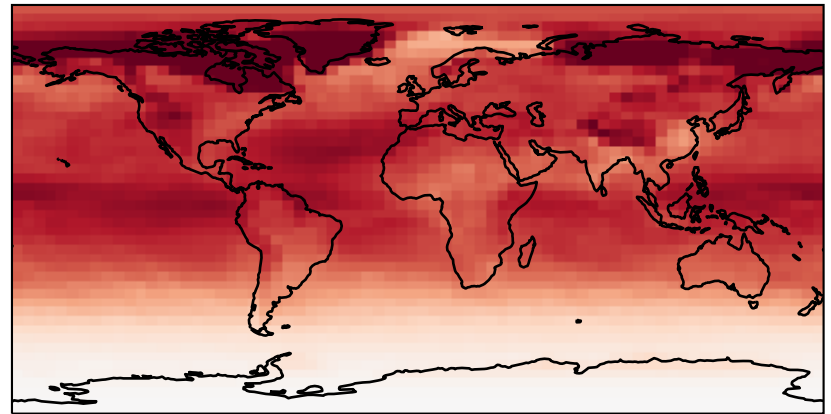
GCC\_13.0.0 (Dev)  
4.0x5.0



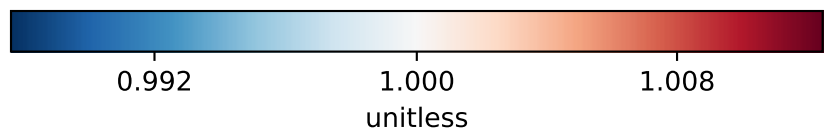
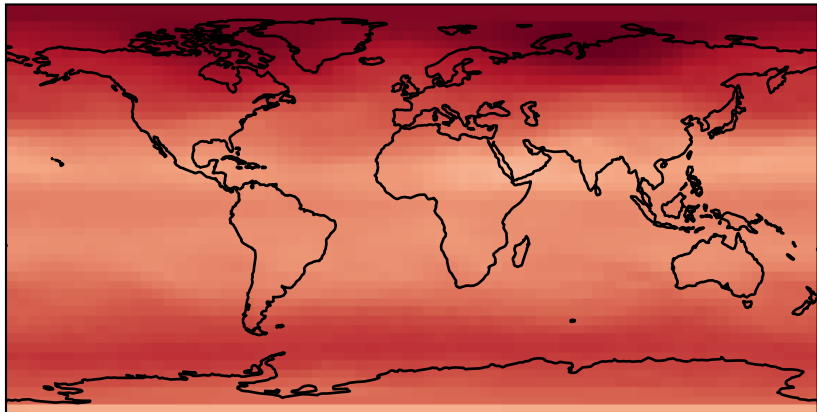
Difference  
Dev - Ref, Dynamic Range



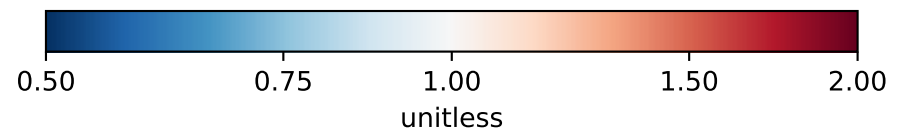
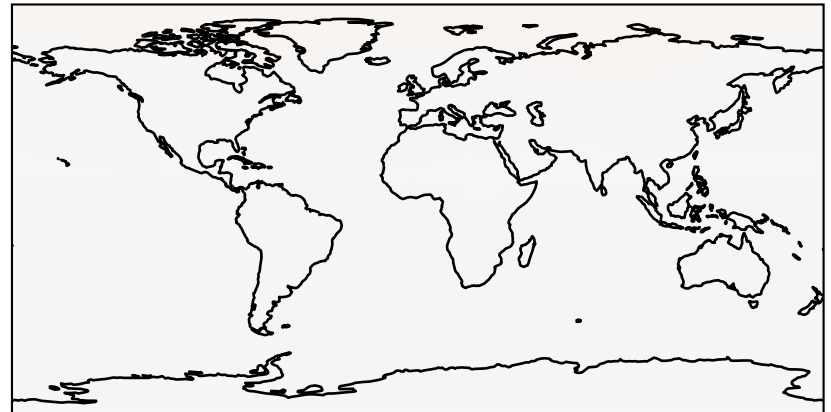
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

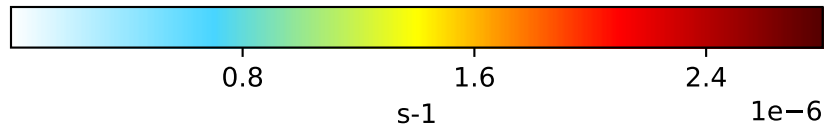
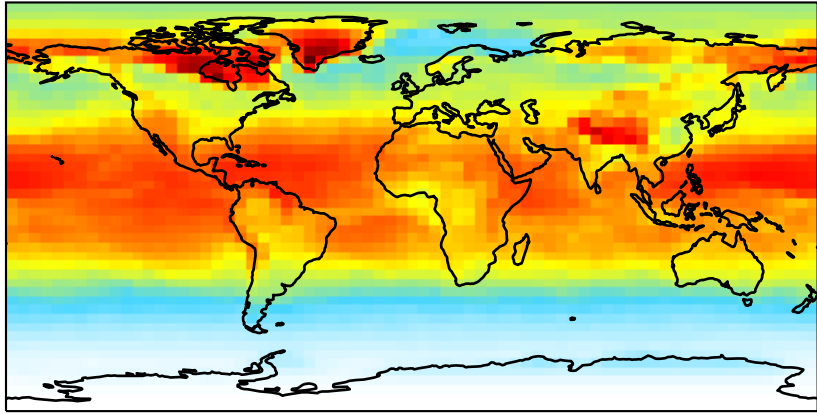


Ratio  
Dev/Ref, Fixed Range

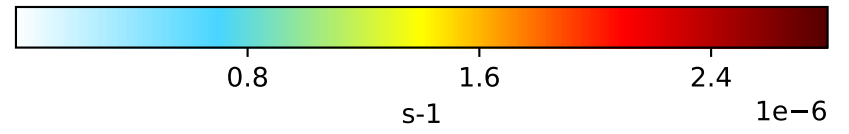
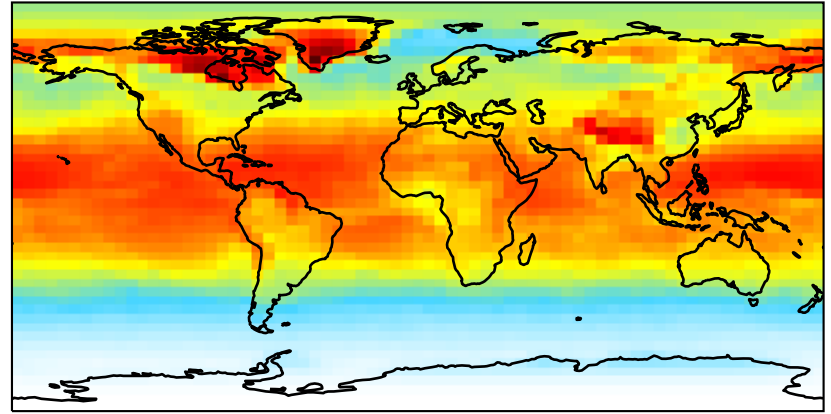


# Jval\_PRPN (Apr2019)

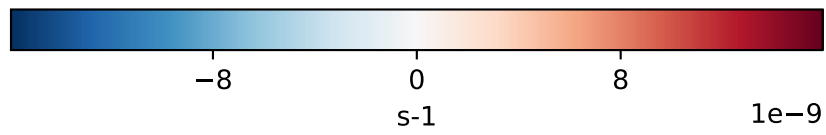
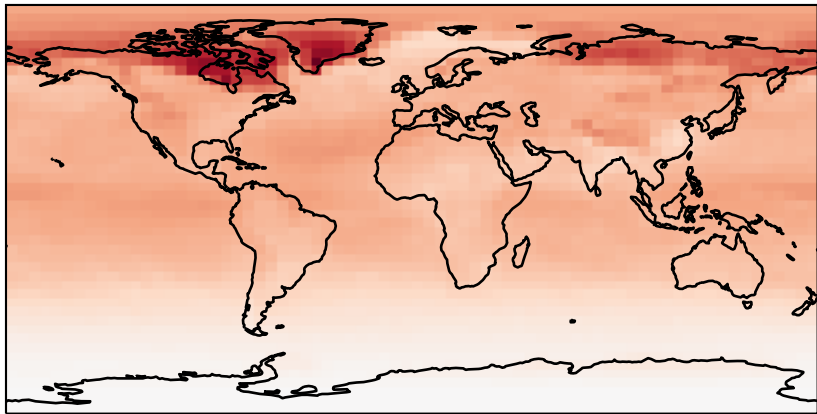
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



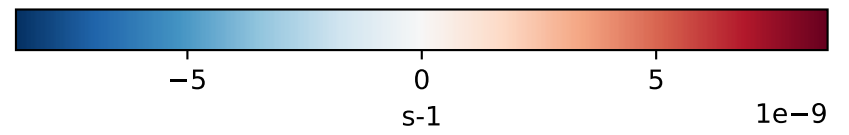
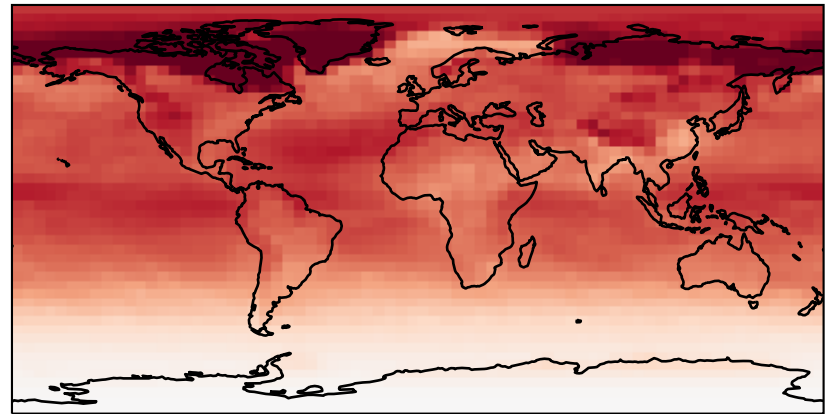
GCC\_13.0.0 (Dev)  
4.0x5.0



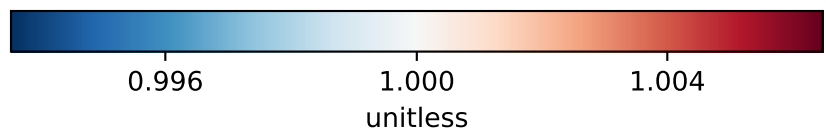
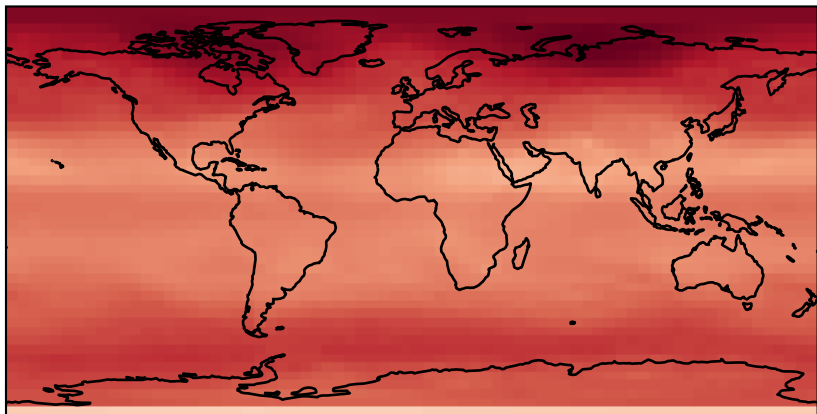
Difference  
Dev - Ref, Dynamic Range



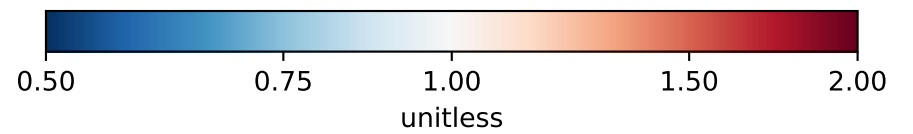
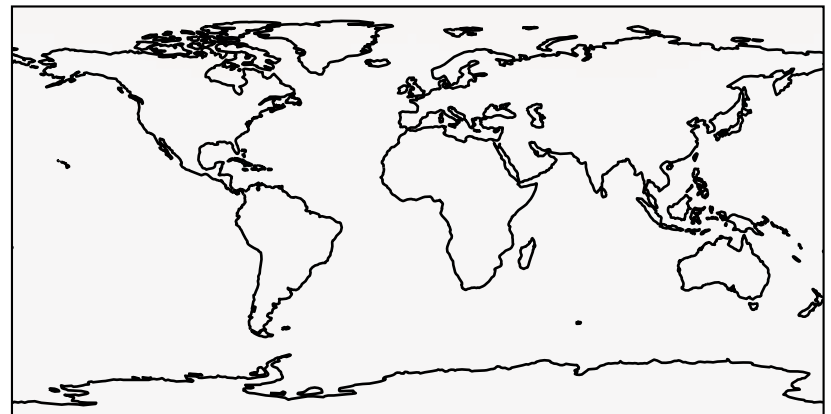
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

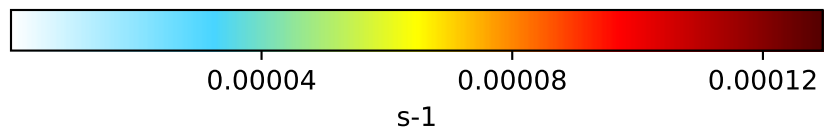
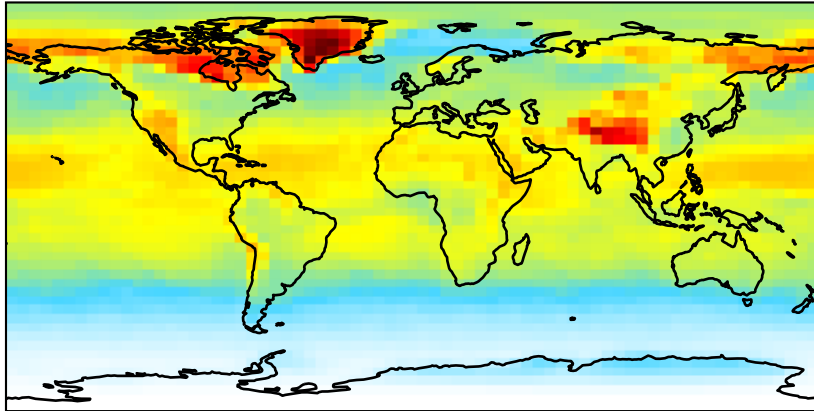


Ratio  
Dev/Ref, Fixed Range

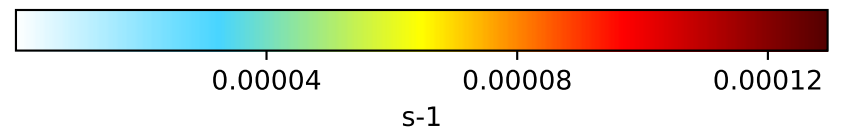
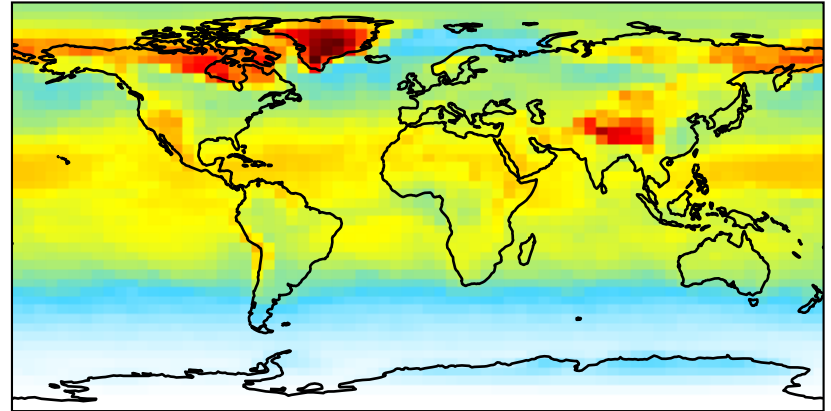


# Jval\_PYAC (Apr2019)

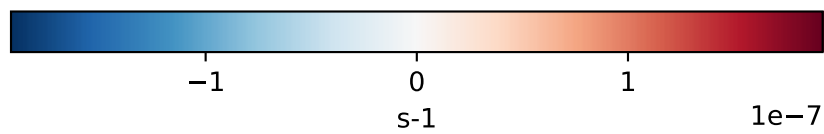
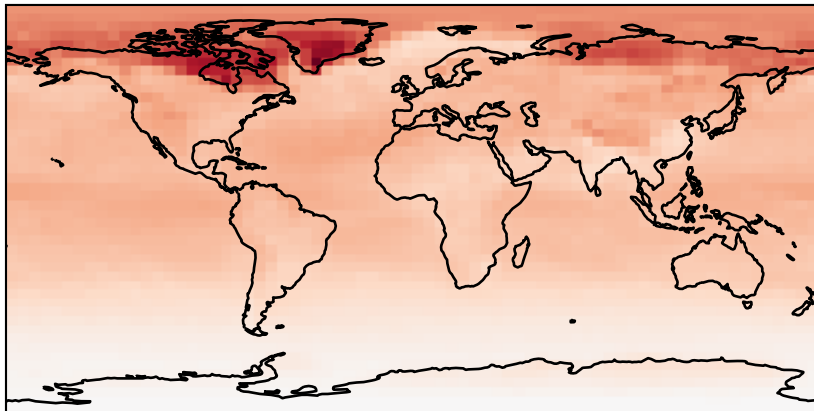
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



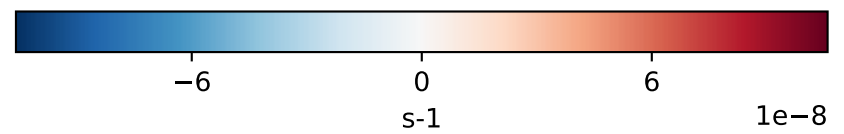
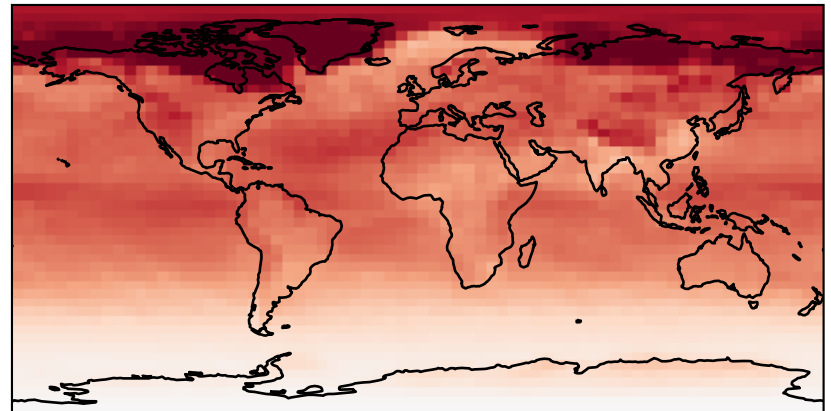
GCC\_13.0.0 (Dev)  
4.0x5.0



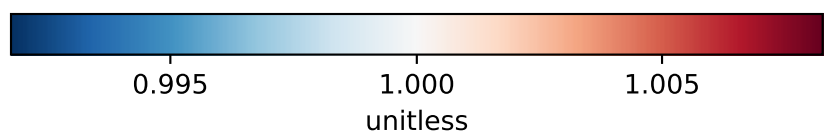
Difference  
Dev - Ref, Dynamic Range



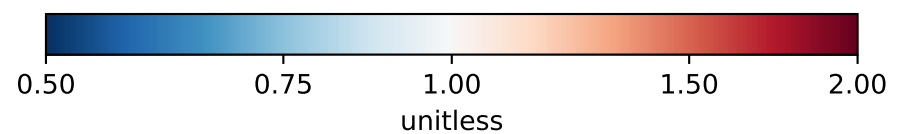
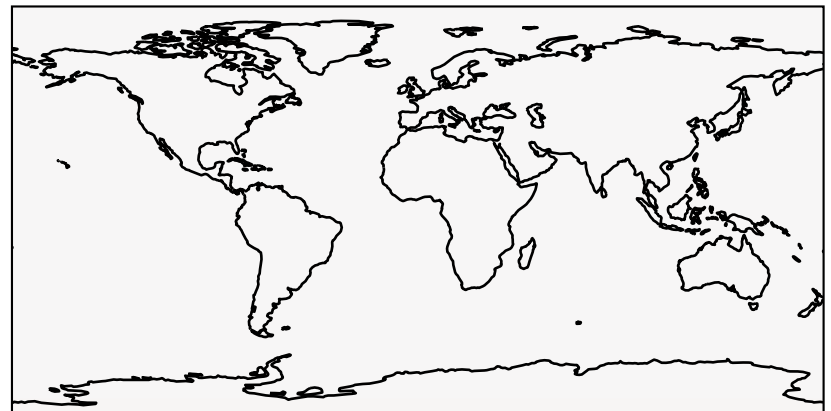
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



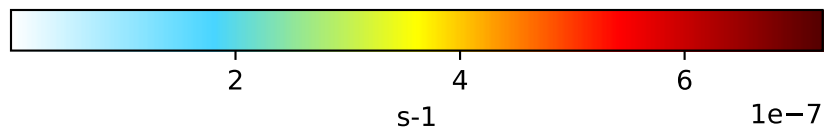
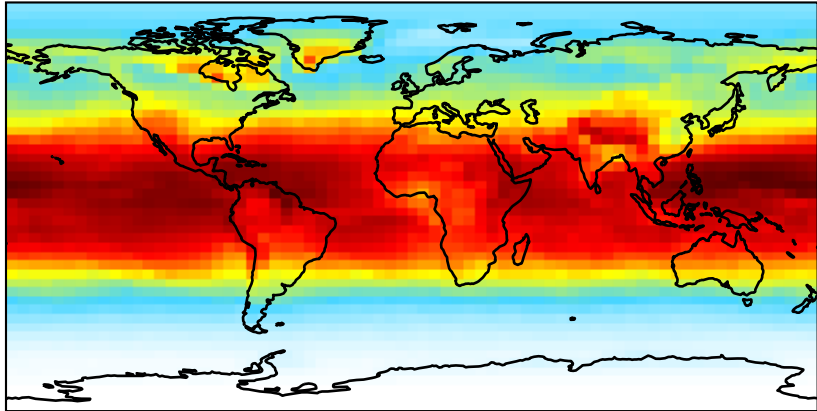
Ratio  
Dev/Ref, Fixed Range



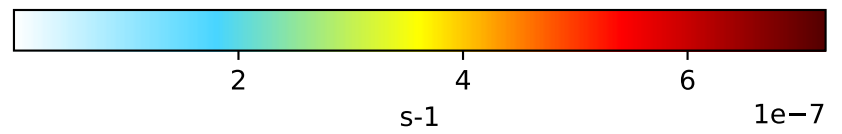
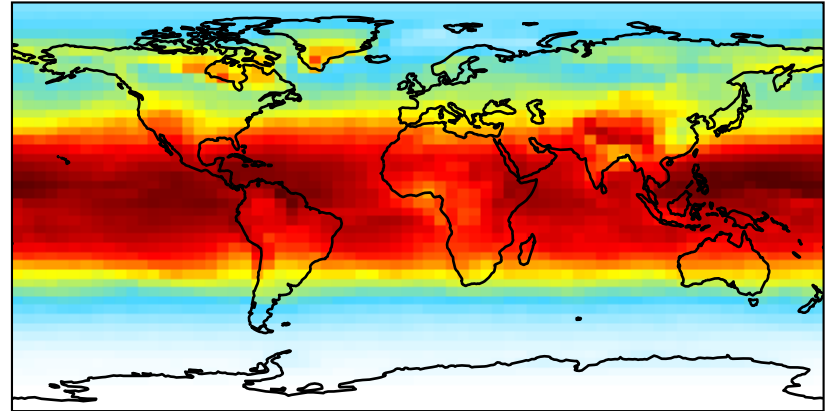


# Jval\_R4N2 (Apr2019)

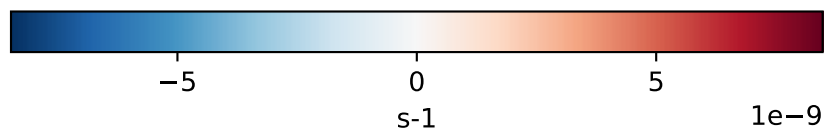
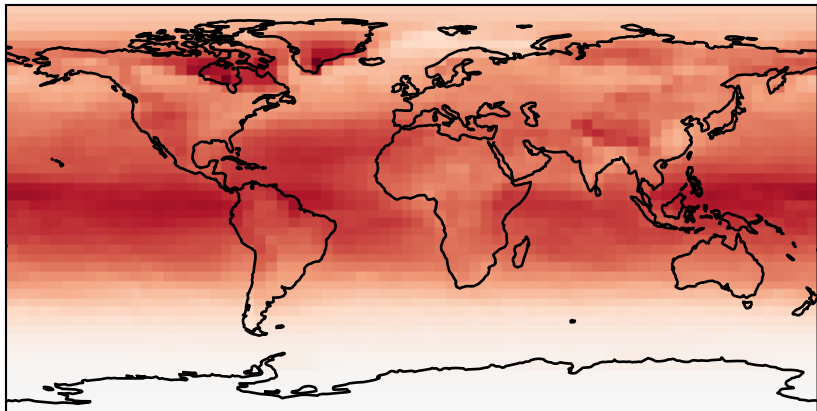
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



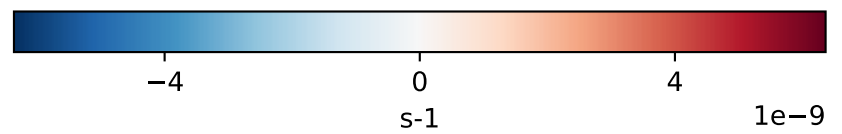
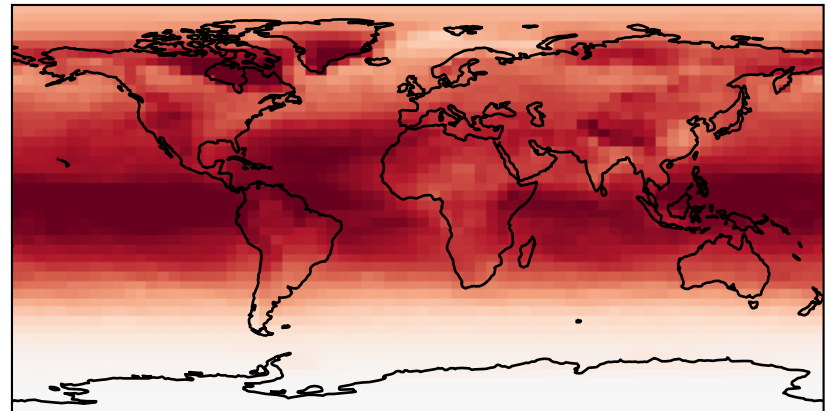
GCC\_13.0.0 (Dev)  
4.0x5.0



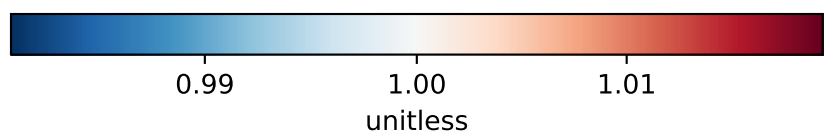
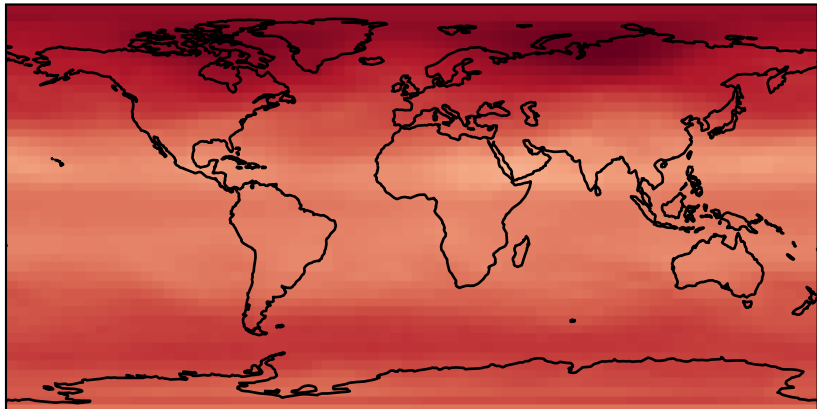
Difference  
Dev - Ref, Dynamic Range



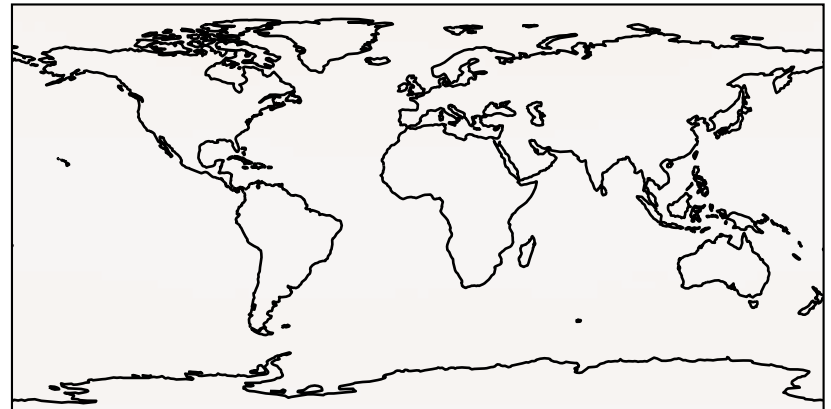
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

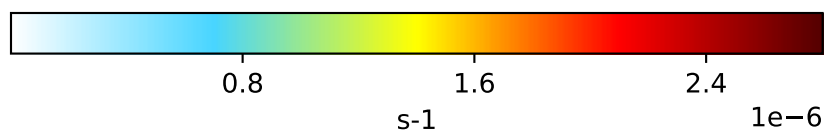
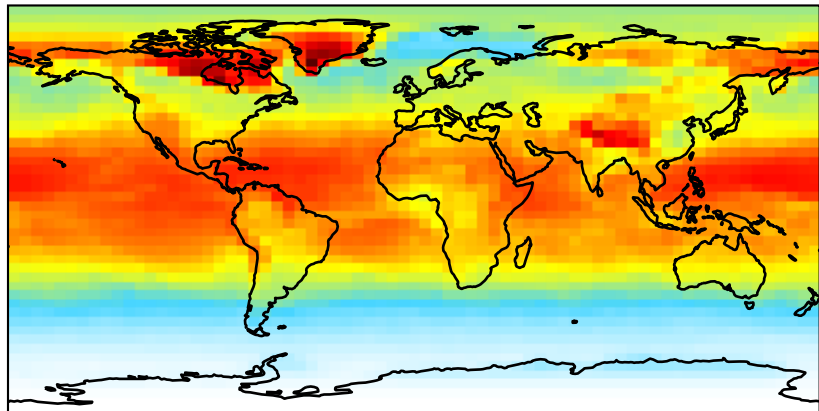


Ratio  
Dev/Ref, Fixed Range

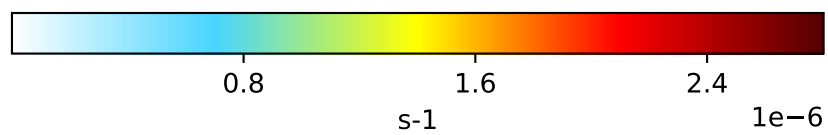
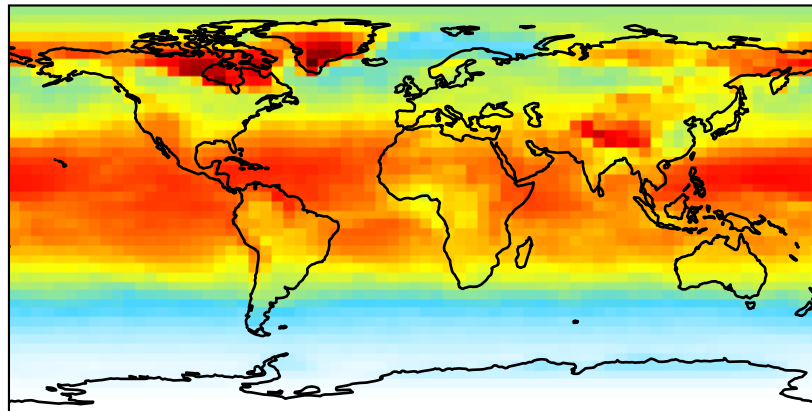


# Jval\_R4P (Apr2019)

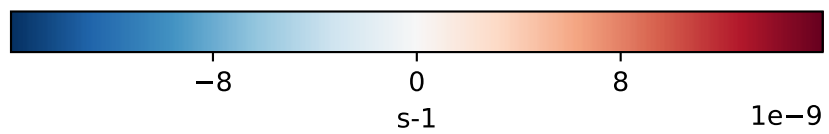
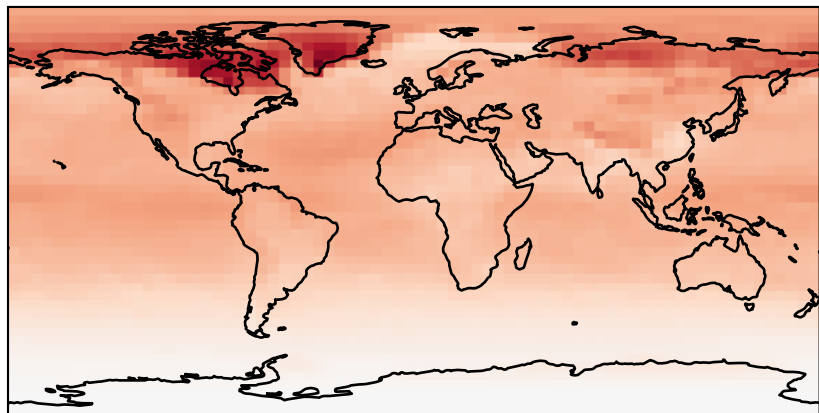
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



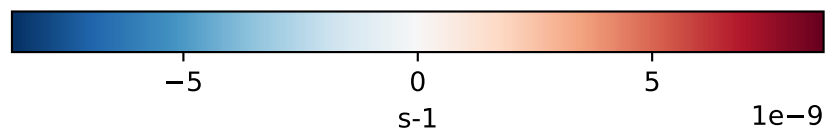
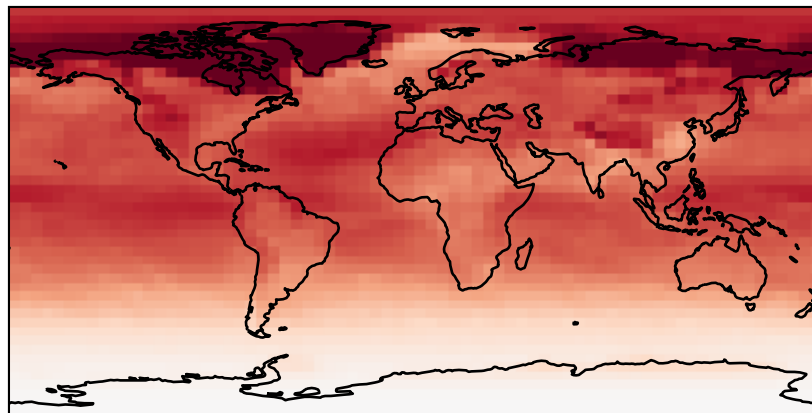
GCC\_13.0.0 (Dev)  
4.0x5.0



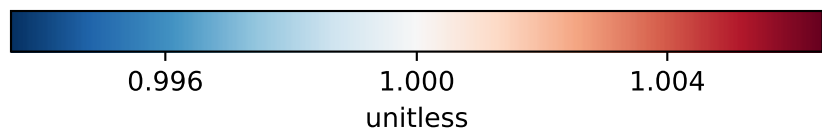
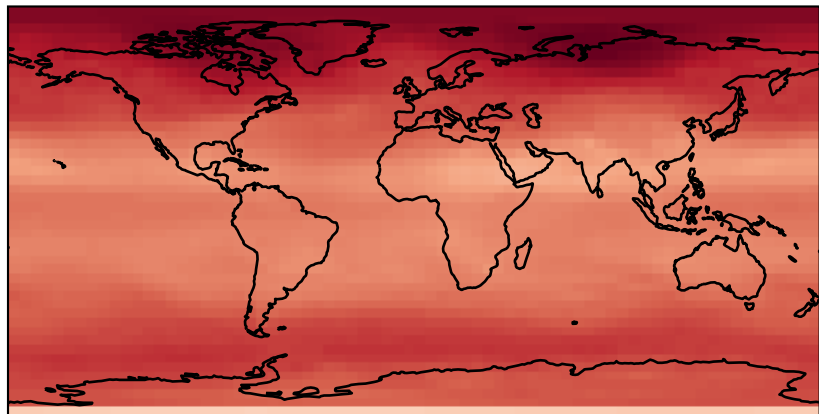
Difference  
Dev - Ref, Dynamic Range



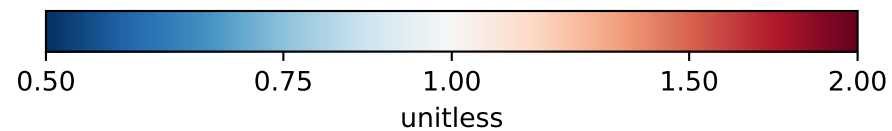
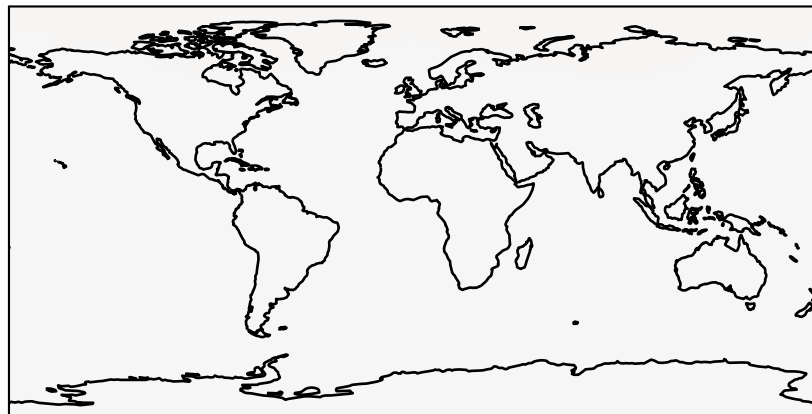
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

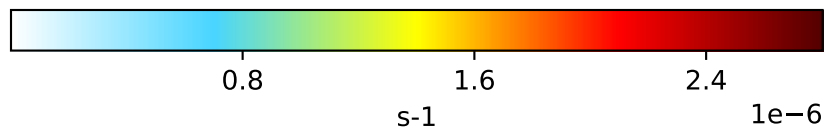
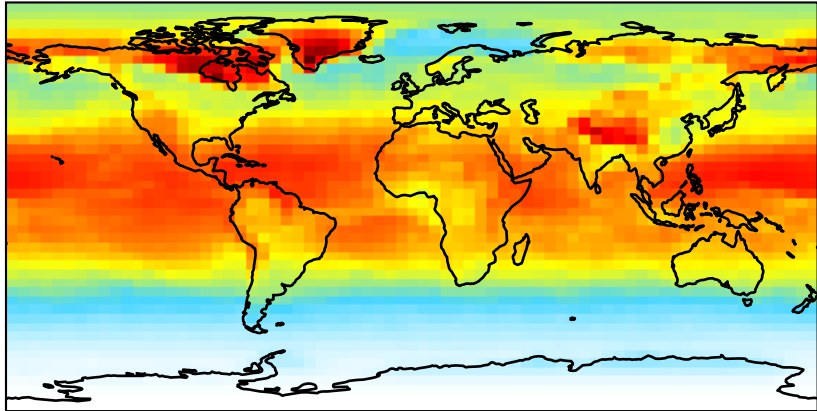


Ratio  
Dev/Ref, Fixed Range

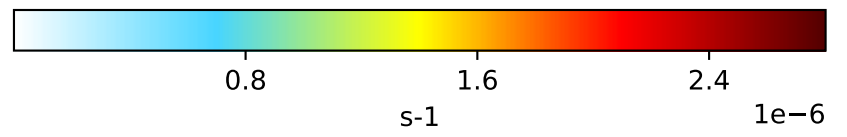
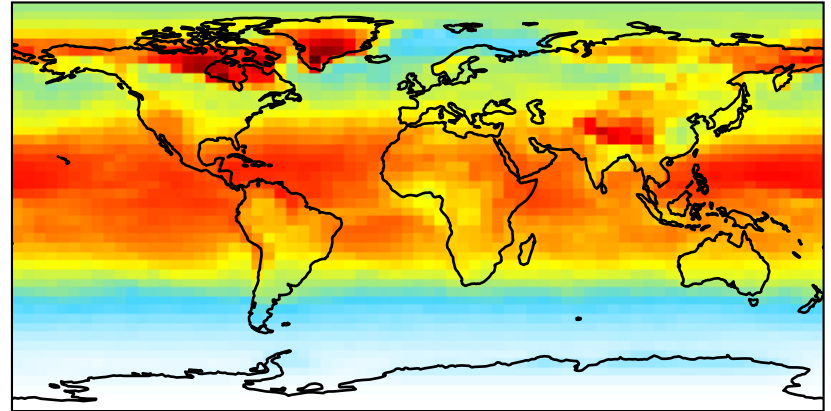


# Jval\_RA3P (Apr2019)

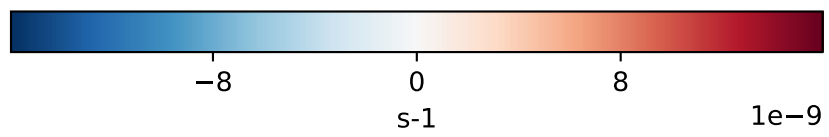
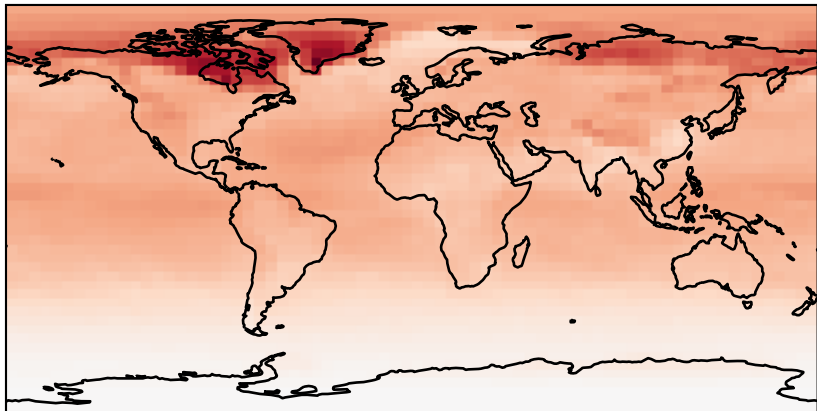
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



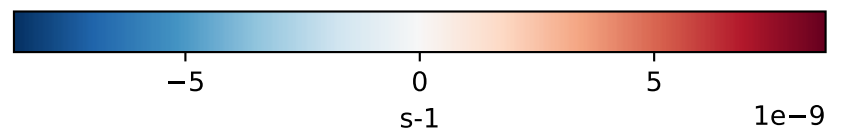
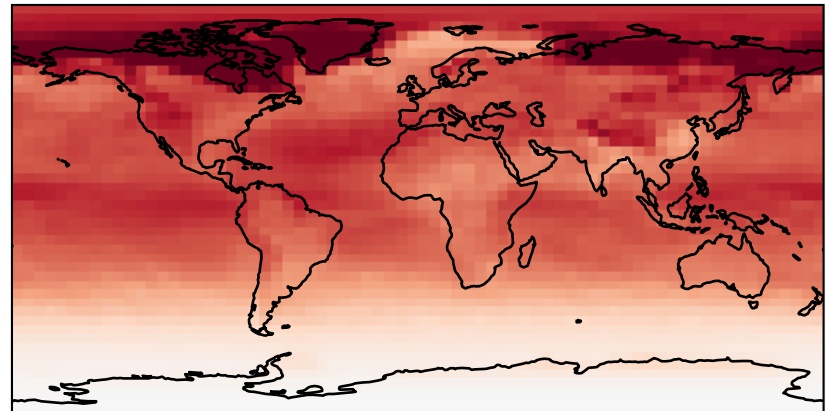
GCC\_13.0.0 (Dev)  
4.0x5.0



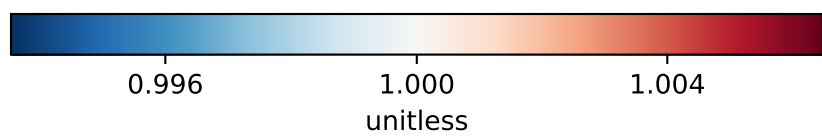
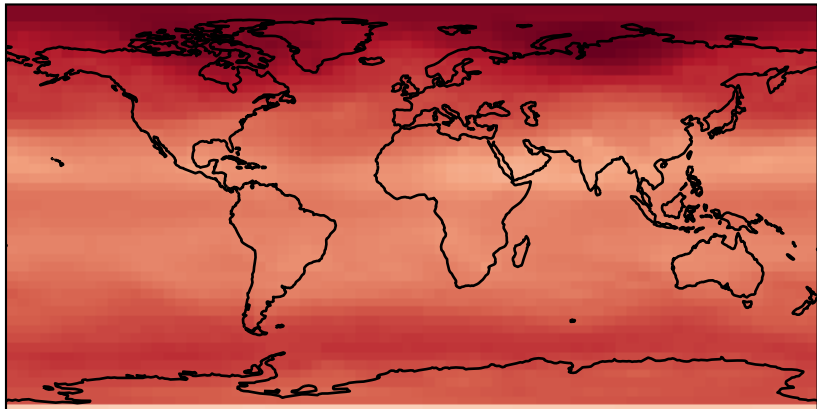
Difference  
Dev - Ref, Dynamic Range



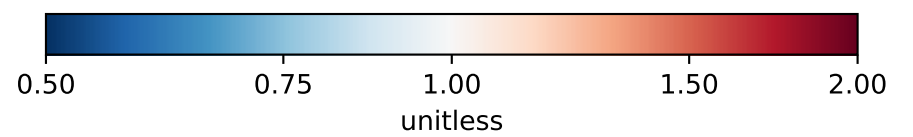
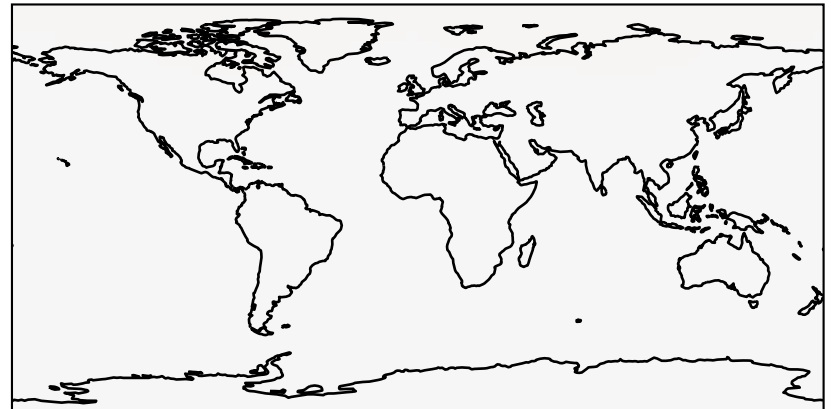
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

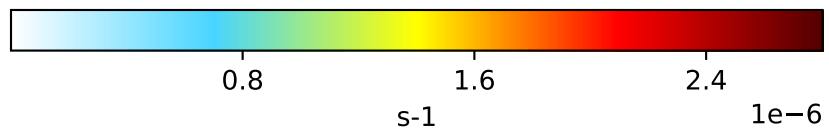
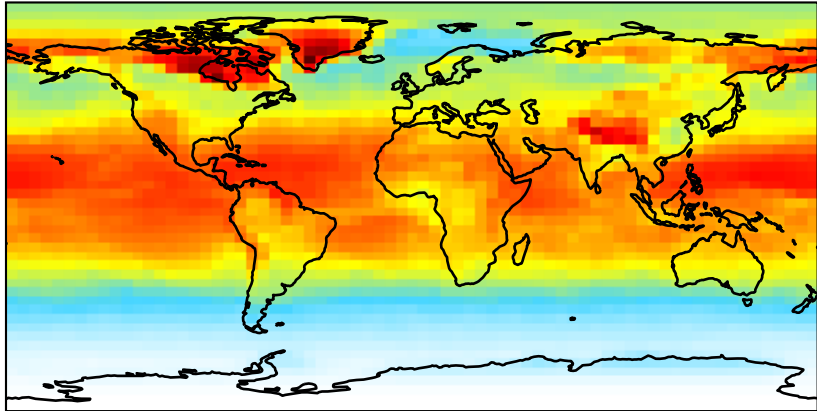


Ratio  
Dev/Ref, Fixed Range

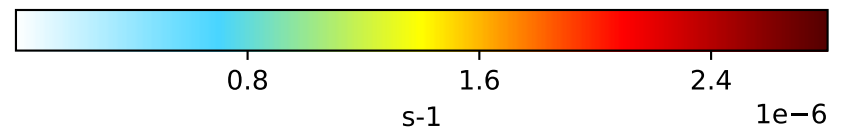
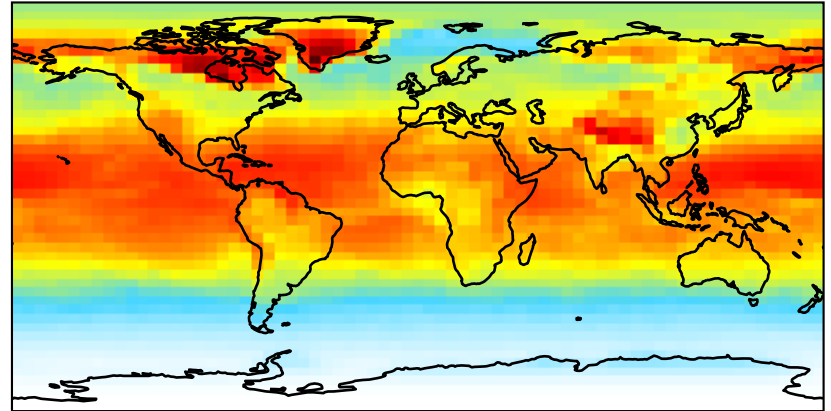


# Jval\_RB3P (Apr2019)

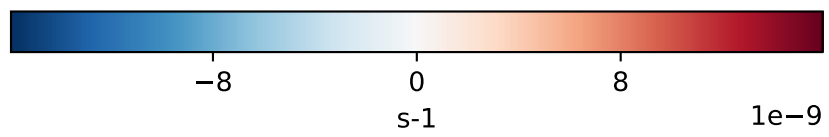
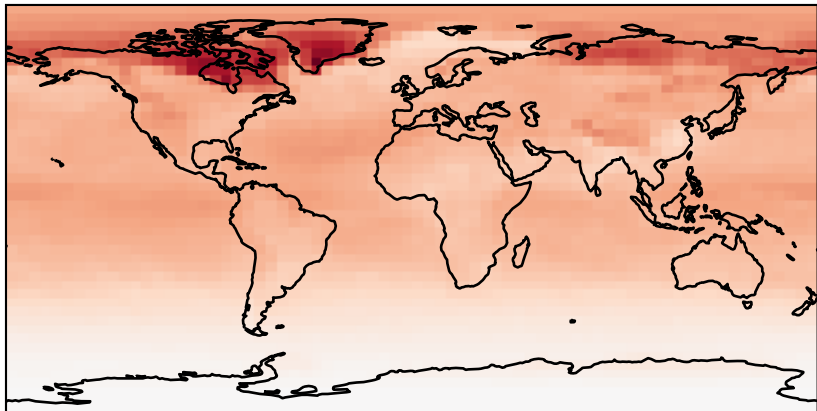
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



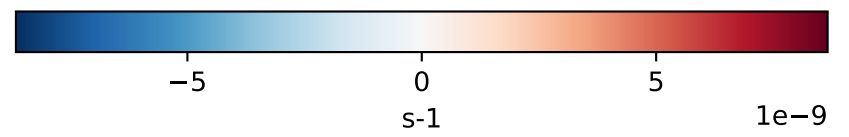
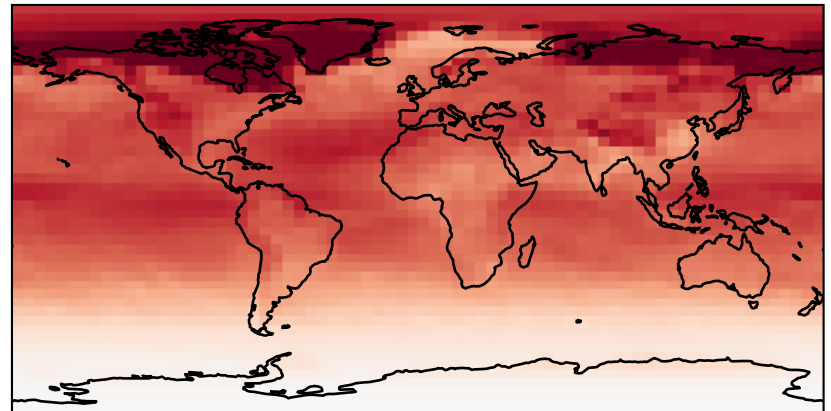
GCC\_13.0.0 (Dev)  
4.0x5.0



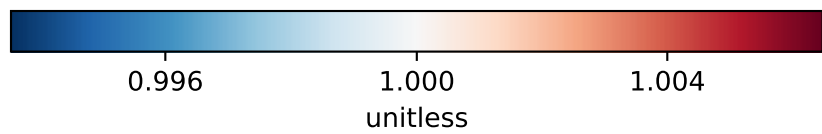
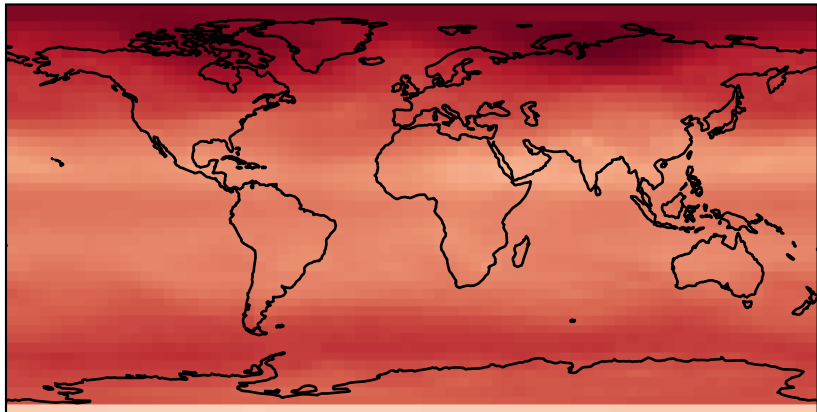
Difference  
Dev - Ref, Dynamic Range



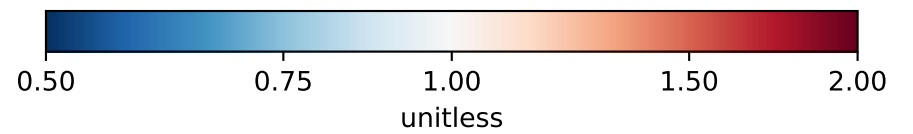
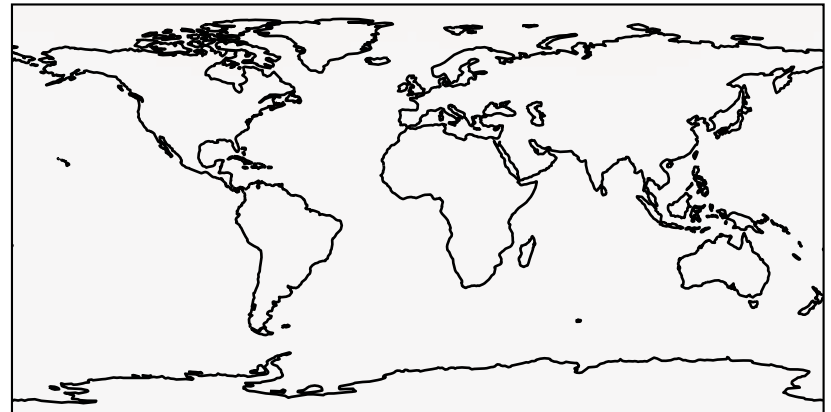
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

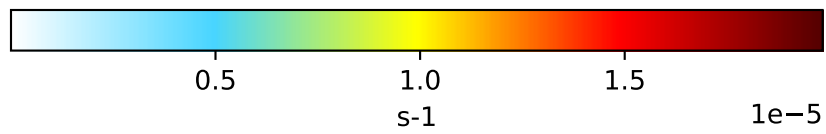
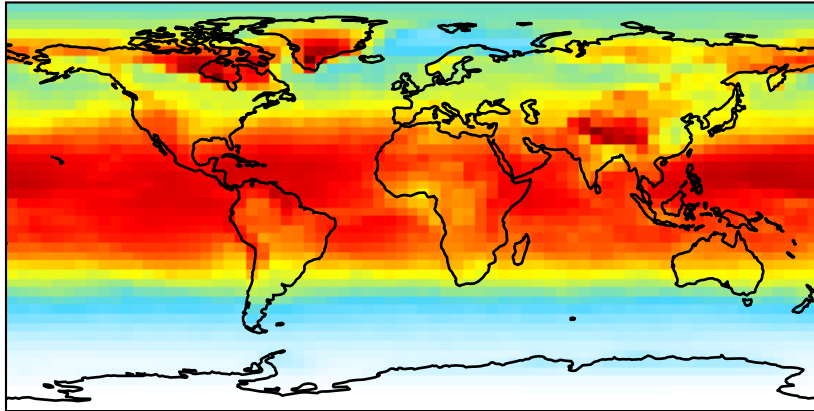


Ratio  
Dev/Ref, Fixed Range

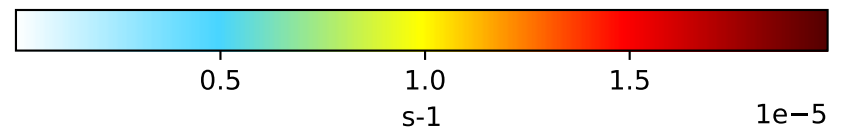
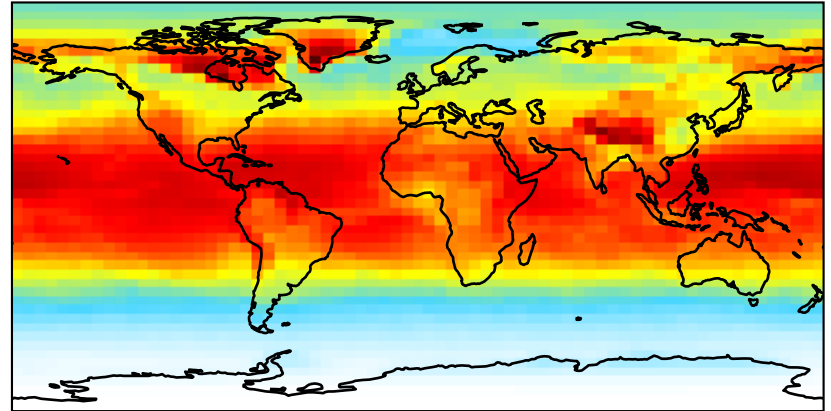


# Jval\_RCHO (Apr2019)

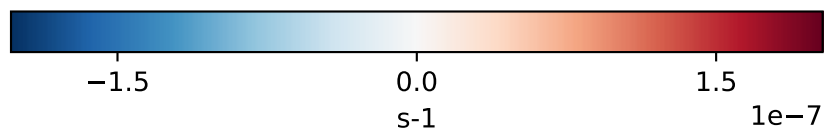
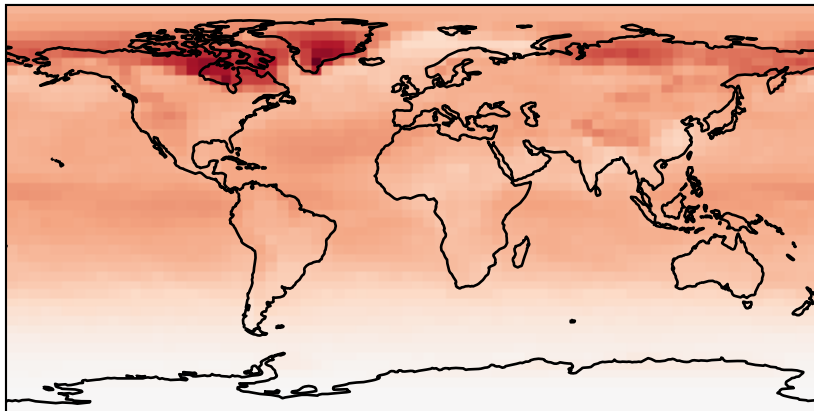
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



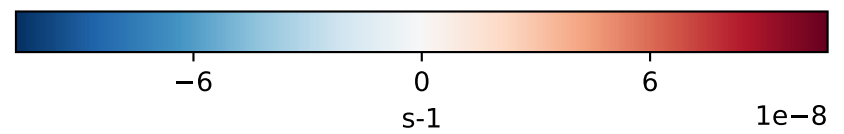
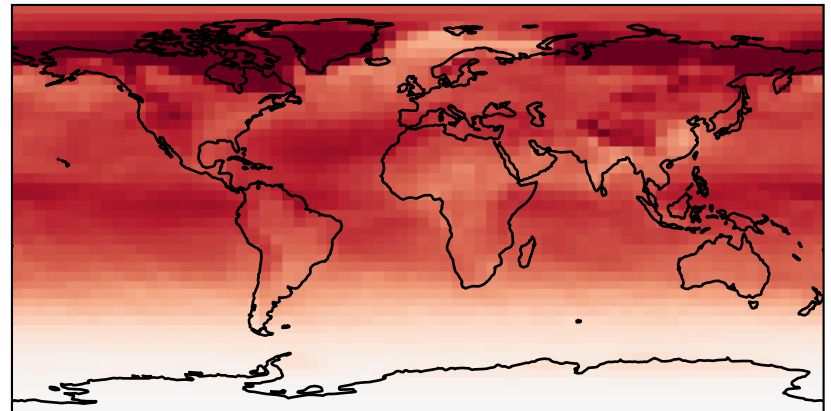
GCC\_13.0.0 (Dev)  
4.0x5.0



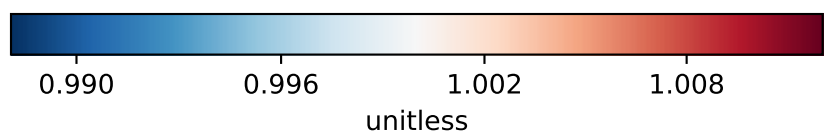
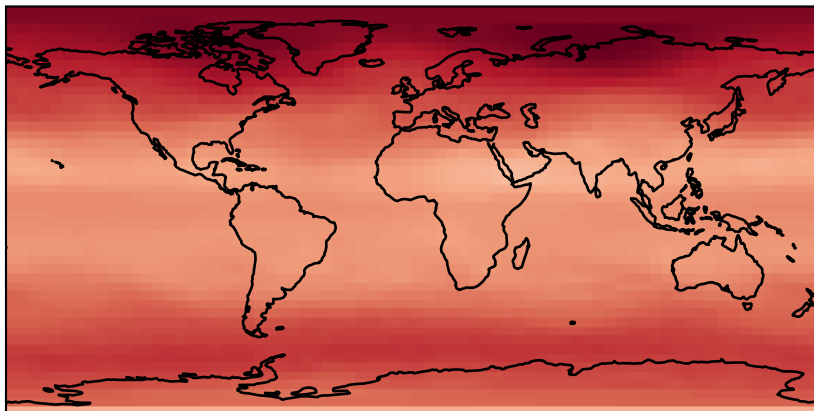
Difference  
Dev - Ref, Dynamic Range



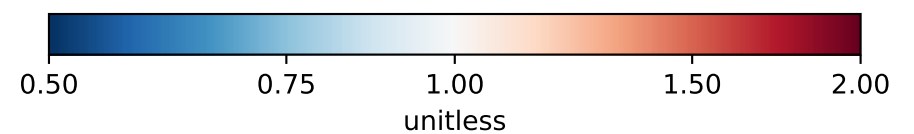
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



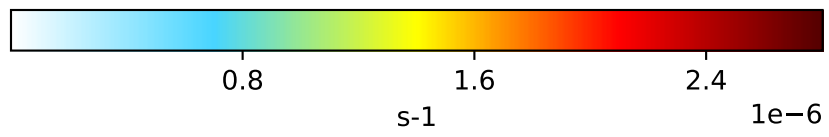
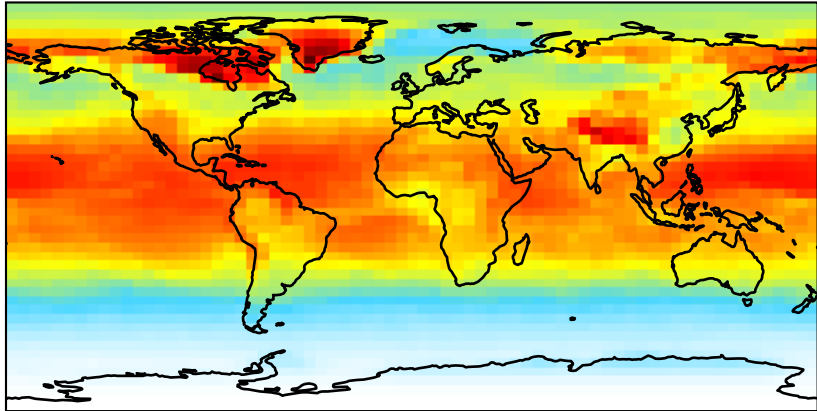
Ratio  
Dev/Ref, Fixed Range



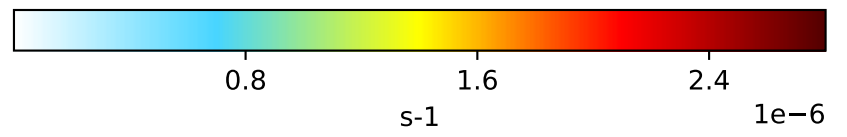
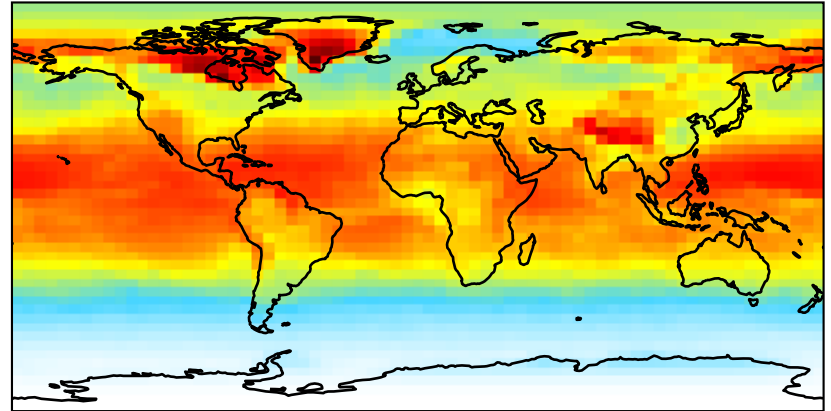


# Jval\_RIPA (Apr2019)

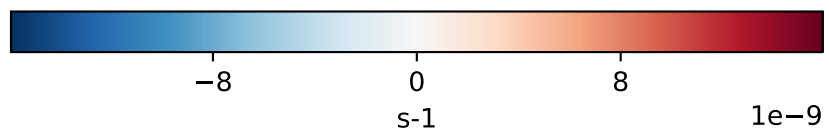
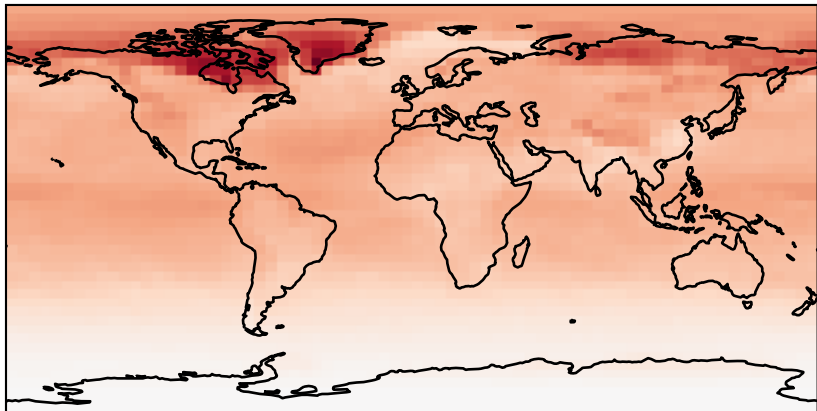
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



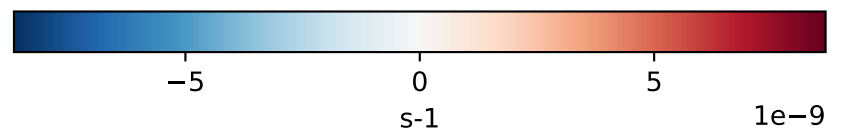
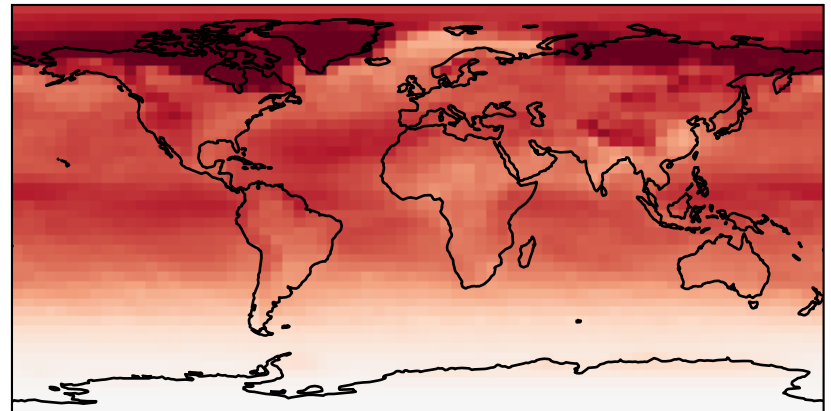
GCC\_13.0.0 (Dev)  
4.0x5.0



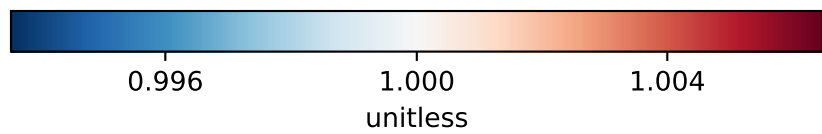
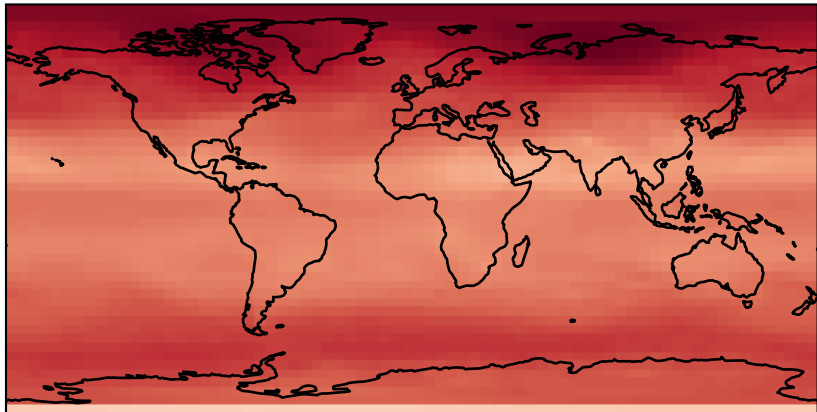
Difference  
Dev - Ref, Dynamic Range



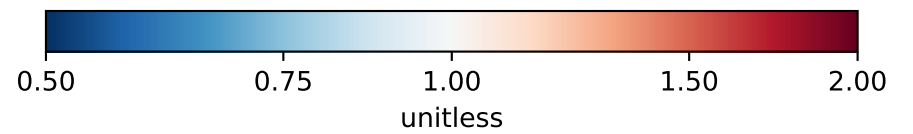
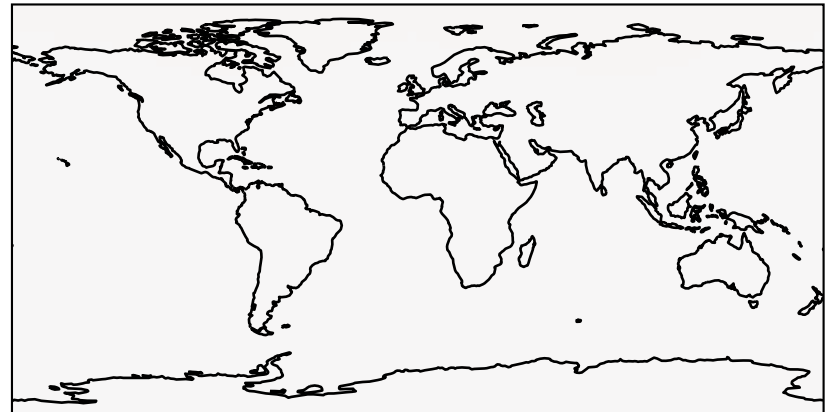
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

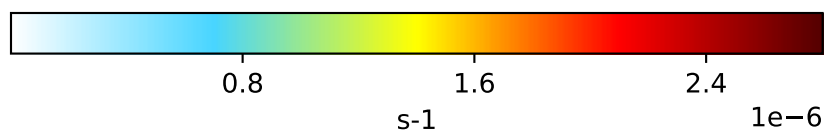
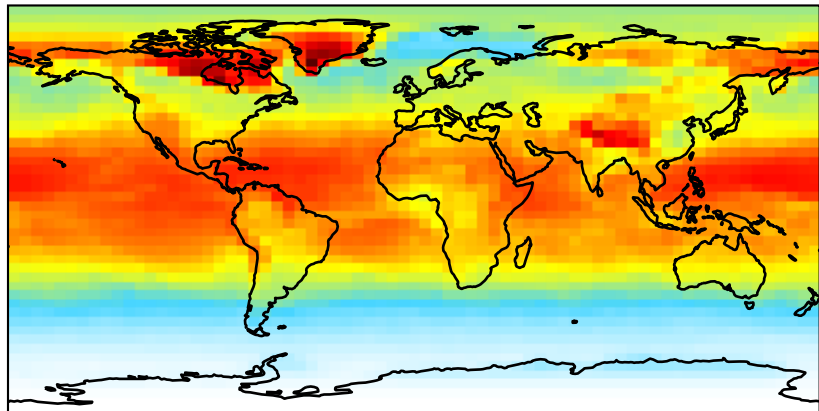


Ratio  
Dev/Ref, Fixed Range

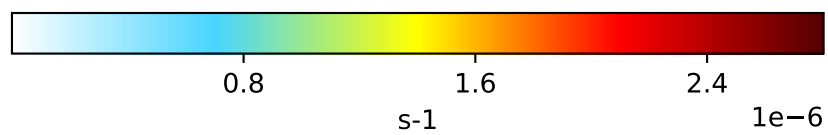
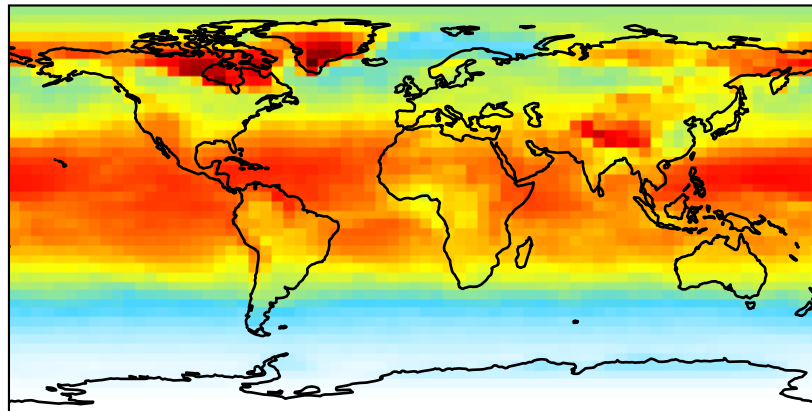


# Jval\_RIPB (Apr2019)

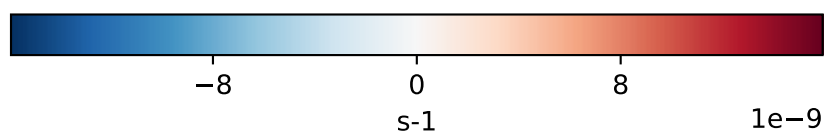
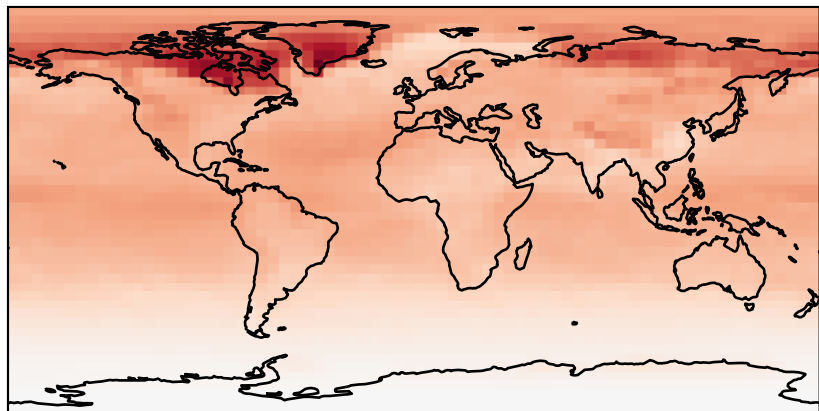
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



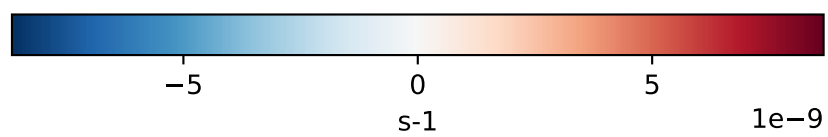
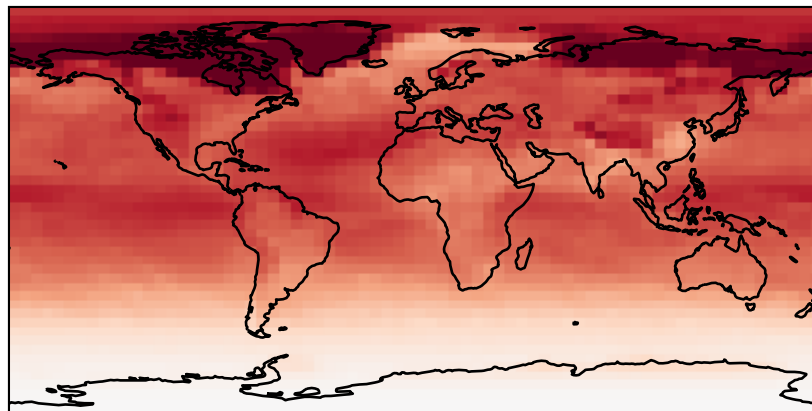
GCC\_13.0.0 (Dev)  
4.0x5.0



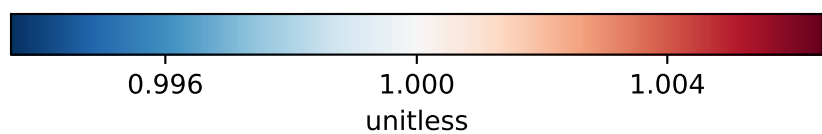
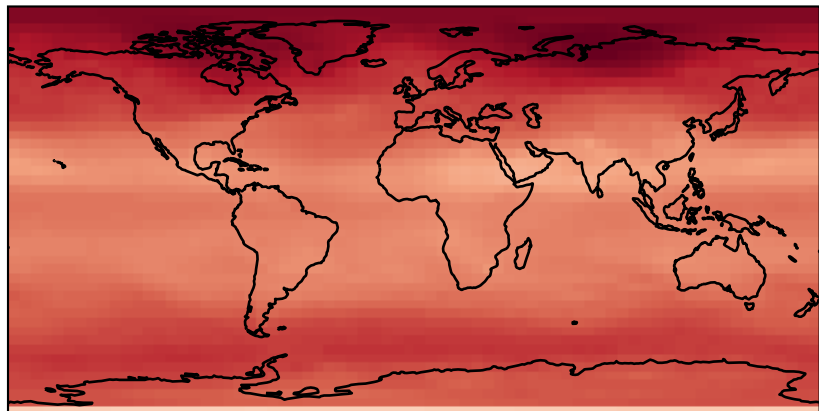
Difference  
Dev - Ref, Dynamic Range



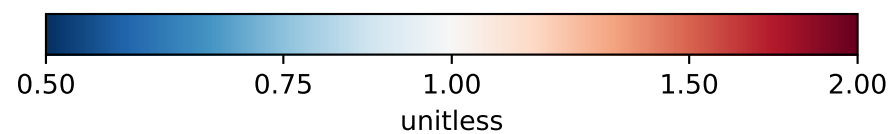
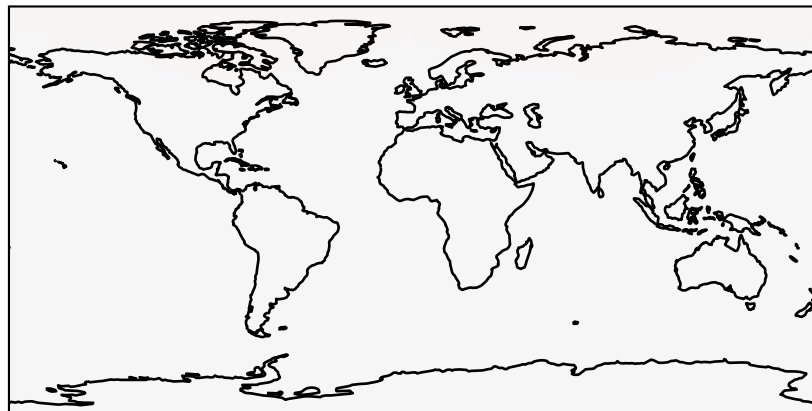
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

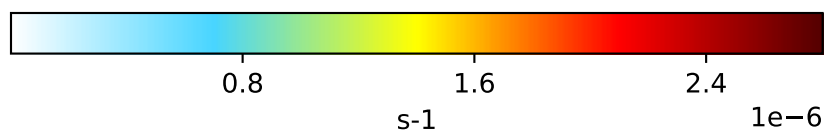
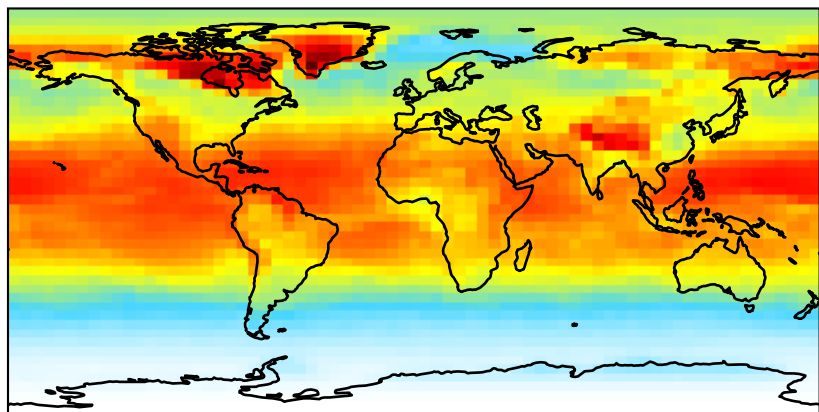


Ratio  
Dev/Ref, Fixed Range

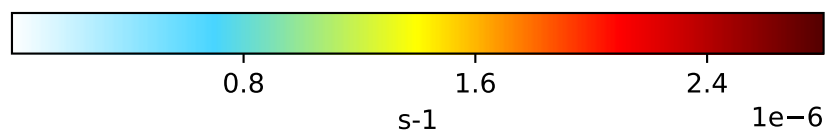
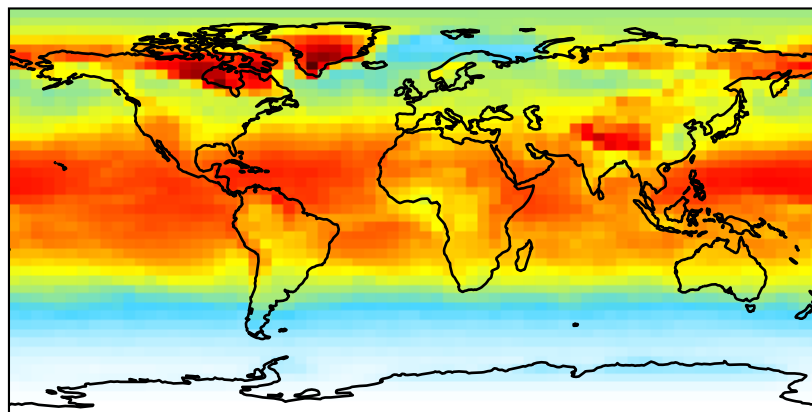


# Jval\_RIPC (Apr2019)

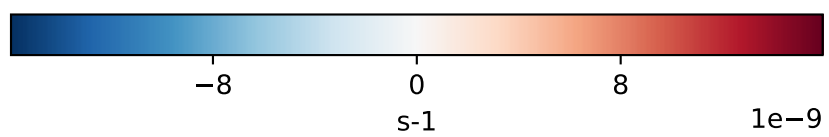
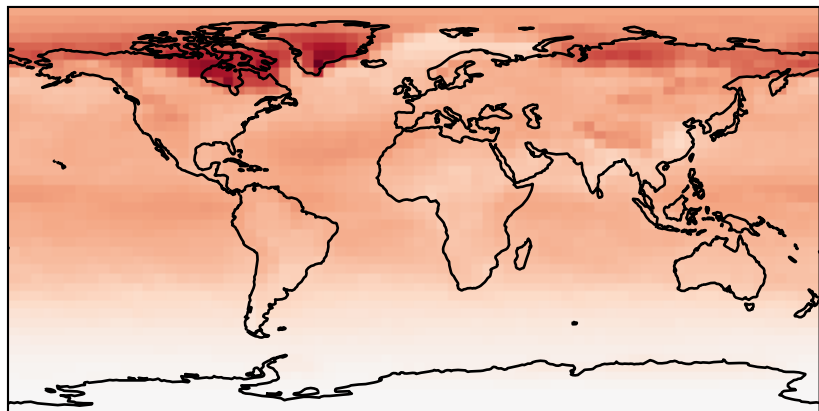
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



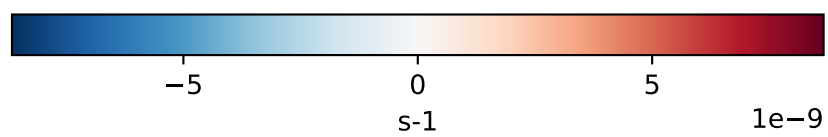
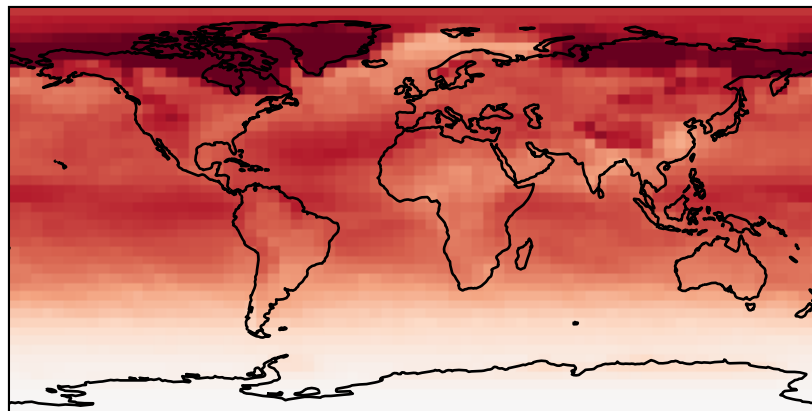
GCC\_13.0.0 (Dev)  
4.0x5.0



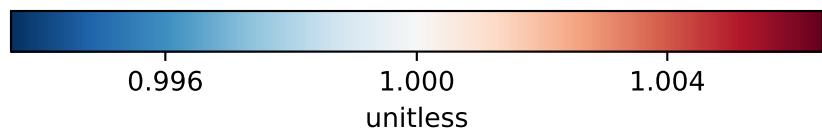
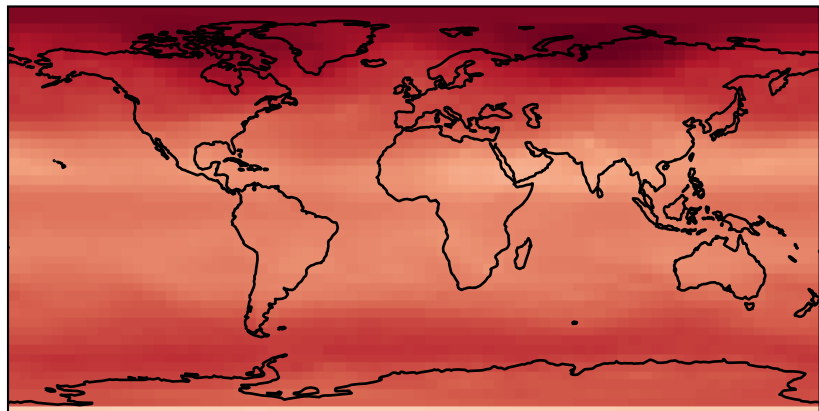
Difference  
Dev - Ref, Dynamic Range



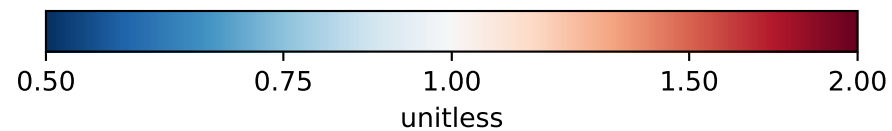
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

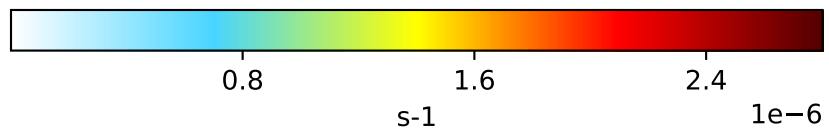
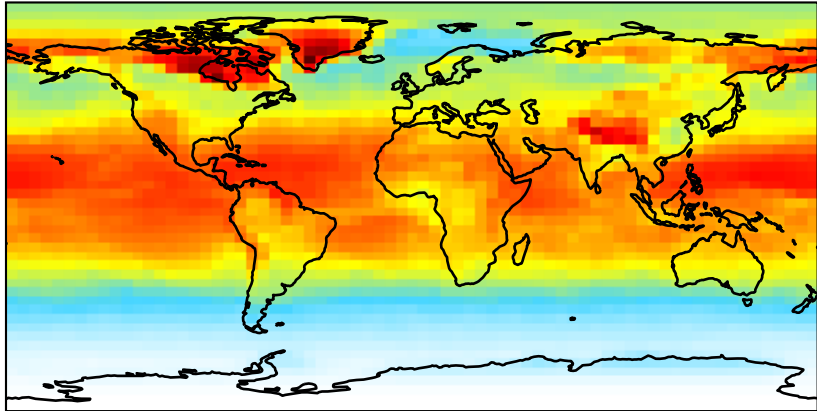


Ratio  
Dev/Ref, Fixed Range

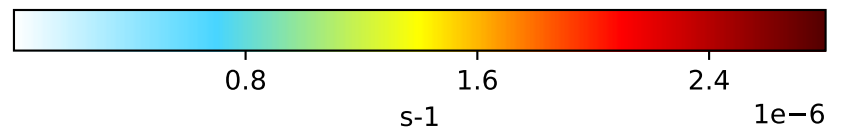
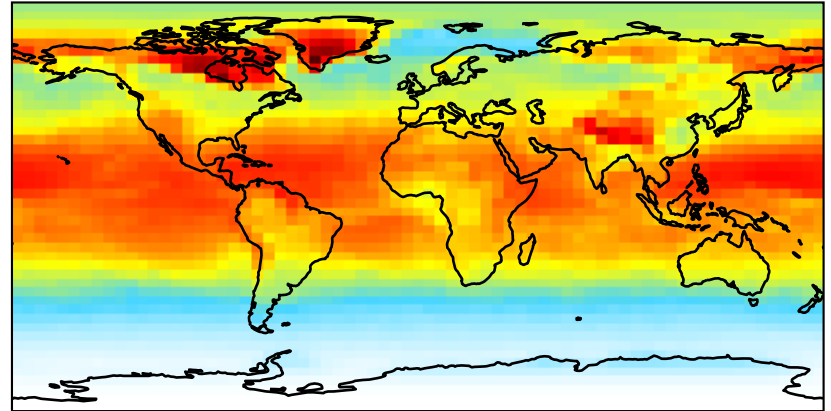


# Jval\_RIPD (Apr2019)

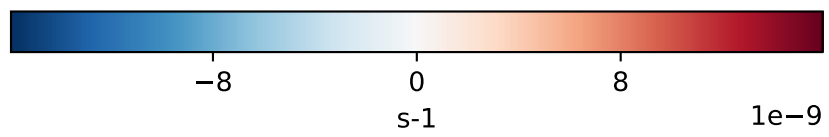
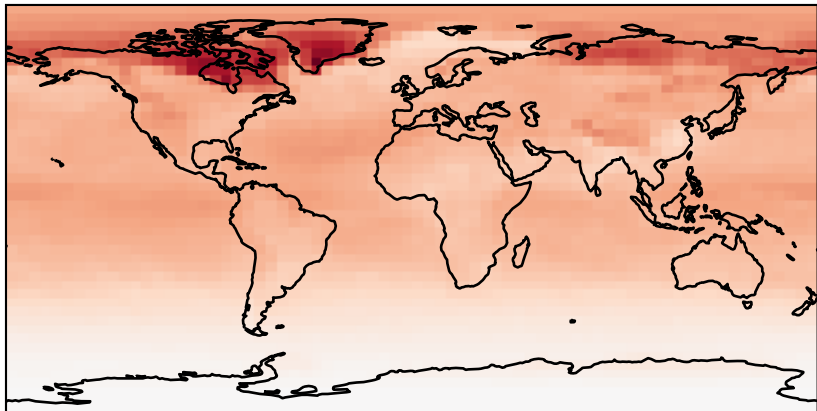
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



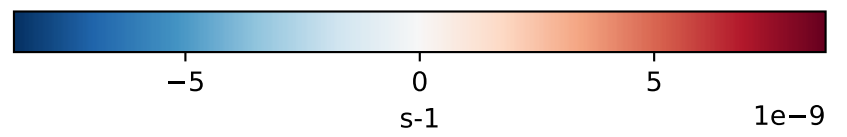
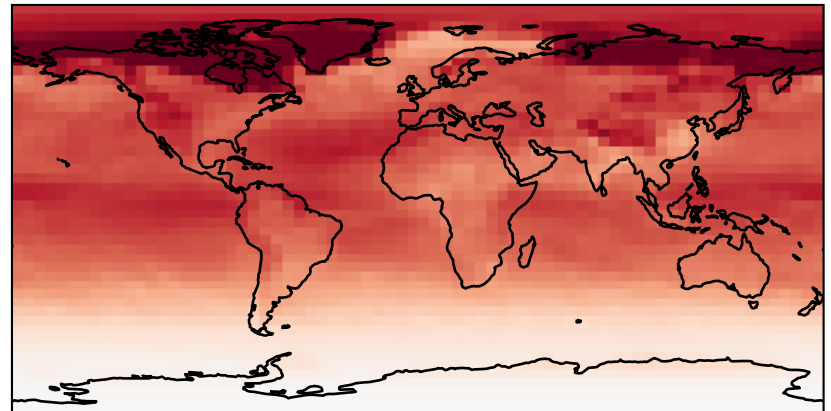
GCC\_13.0.0 (Dev)  
4.0x5.0



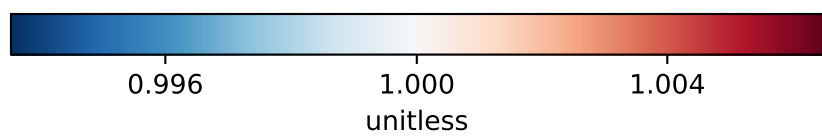
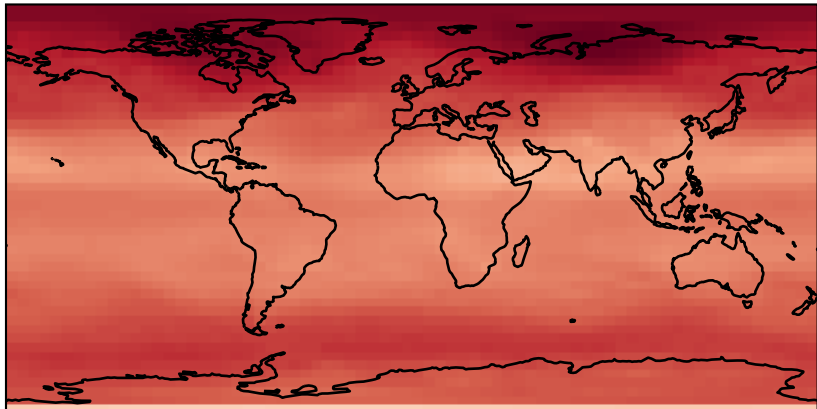
Difference  
Dev - Ref, Dynamic Range



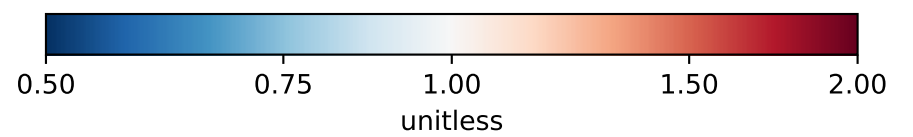
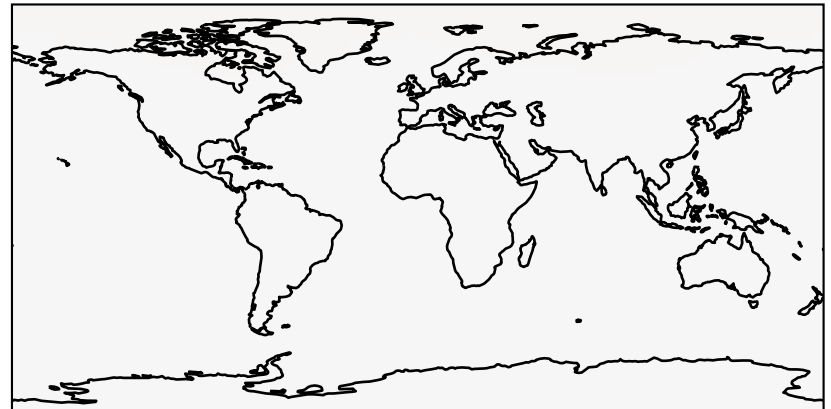
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

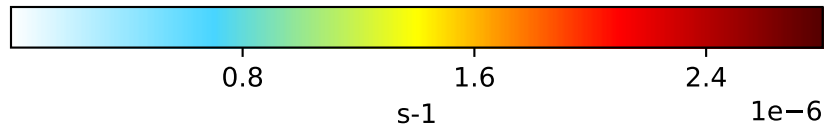
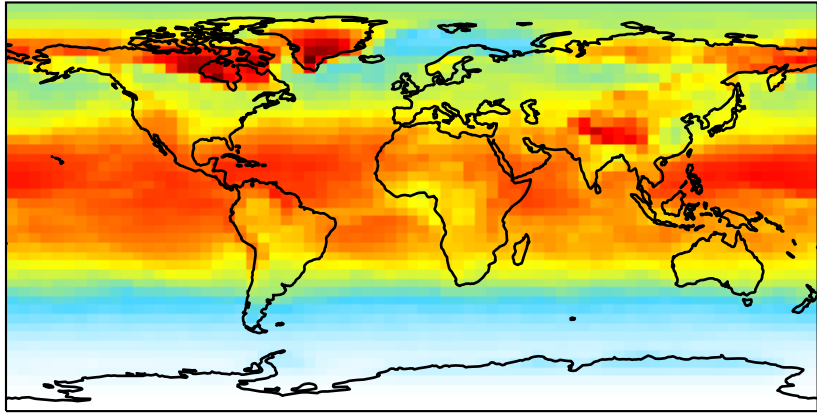


Ratio  
Dev/Ref, Fixed Range

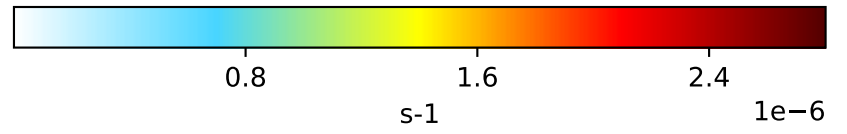
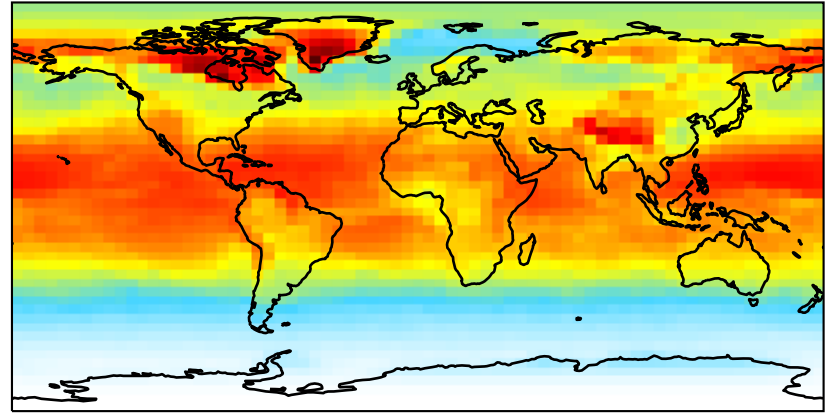


# Jval\_RP (Apr2019)

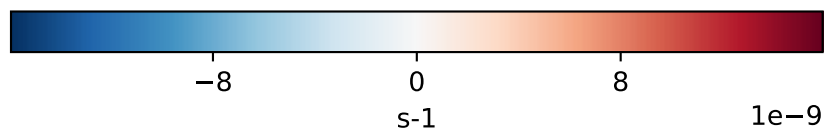
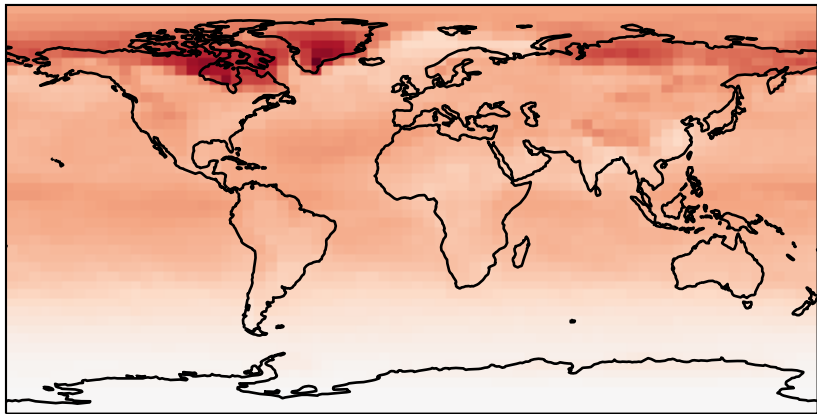
GCC\_13.0.0-beta.1 (Ref)  
4.0x5.0



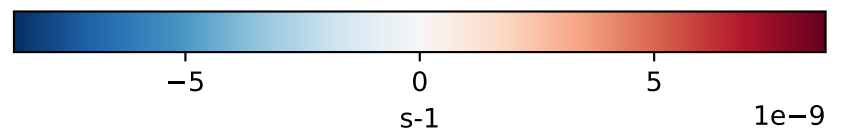
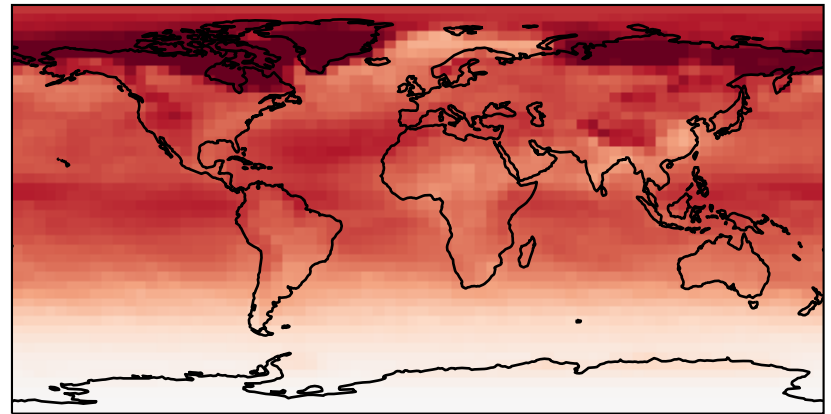
GCC\_13.0.0 (Dev)  
4.0x5.0



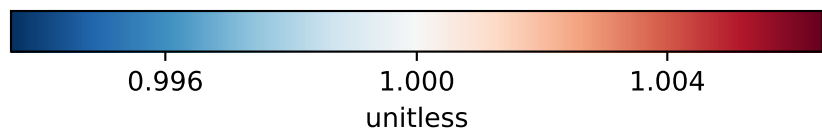
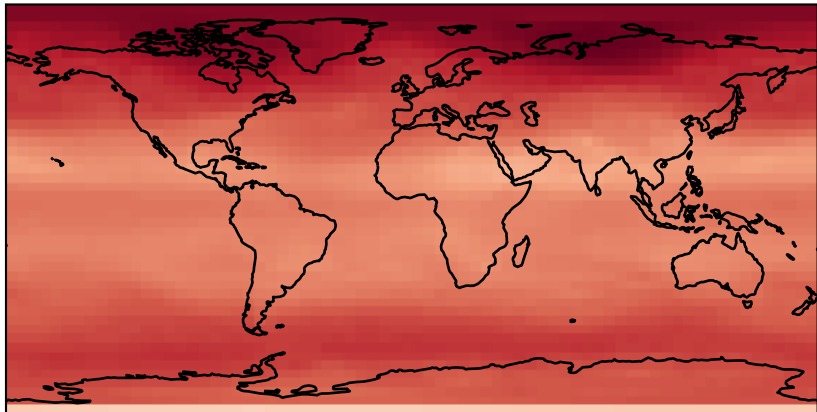
Difference  
Dev - Ref, Dynamic Range



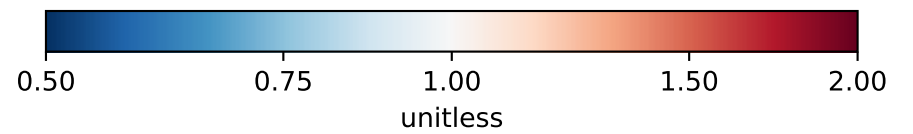
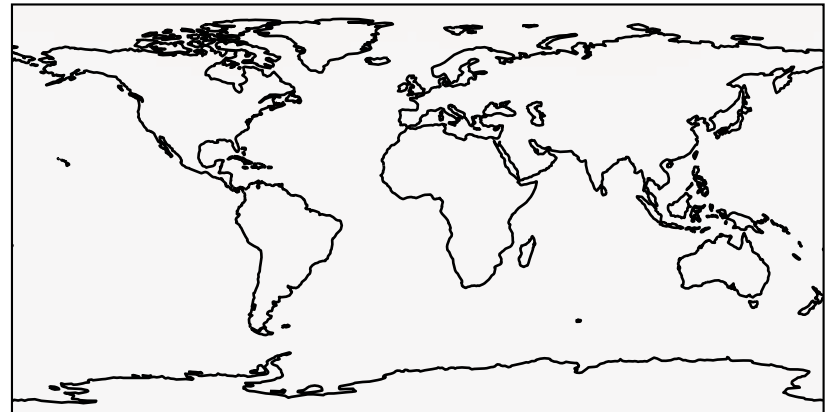
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



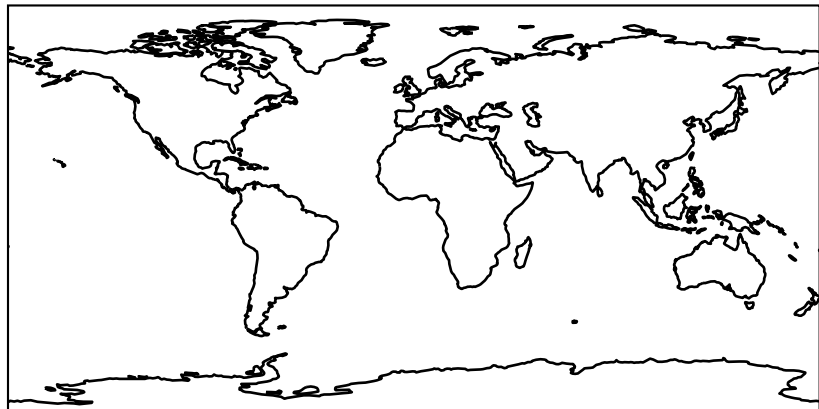
Ratio  
Dev/Ref, Fixed Range





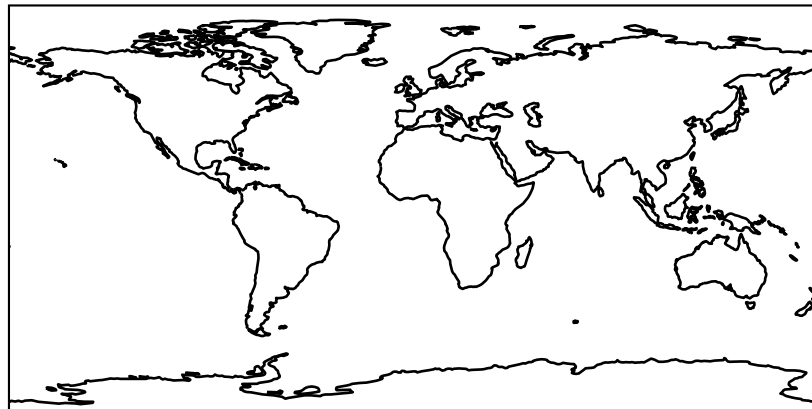
# Jval\_SO4 (Apr2019)

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



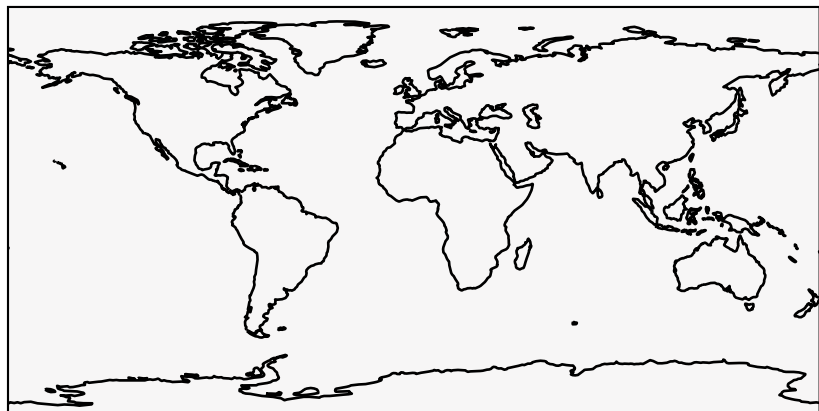
Zero throughout domain  
s-1

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



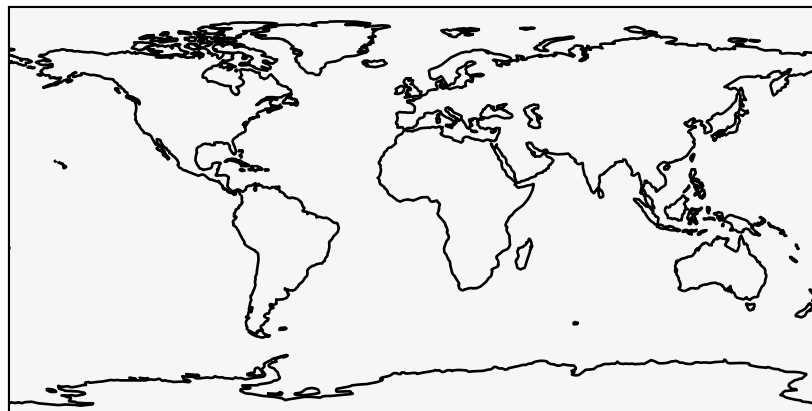
Zero throughout domain  
s-1

Difference  
Dev - Ref, Dynamic Range



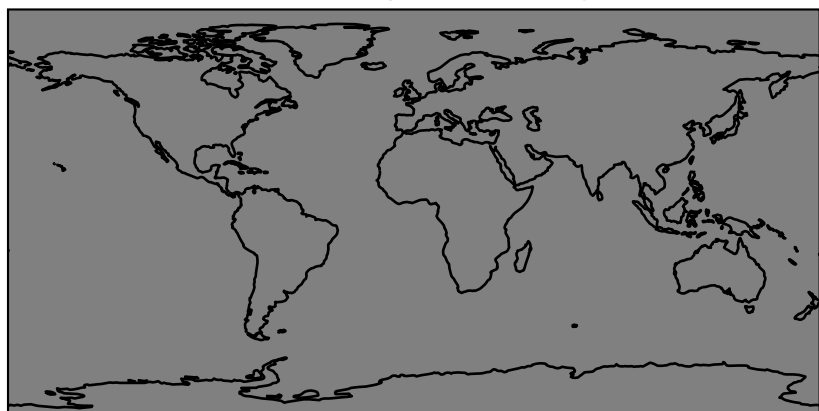
Zero throughout domain  
s-1

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



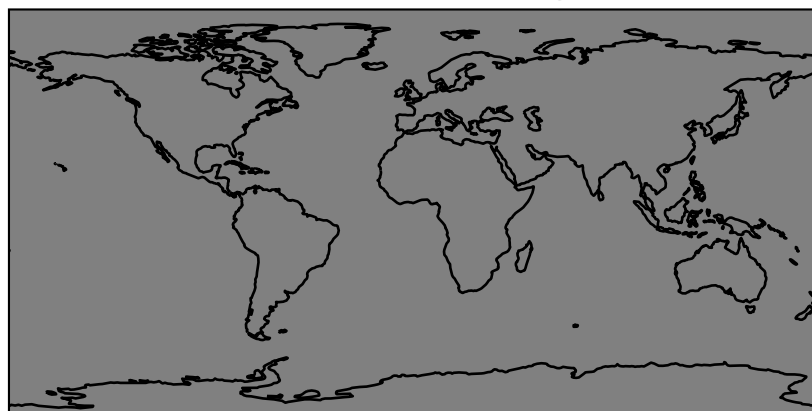
Zero throughout domain  
s-1

Ratio  
Dev/Ref, Dynamic Range



Undefined throughout domain  
unitless

Ratio  
Dev/Ref, Fixed Range



Undefined throughout domain  
unitless