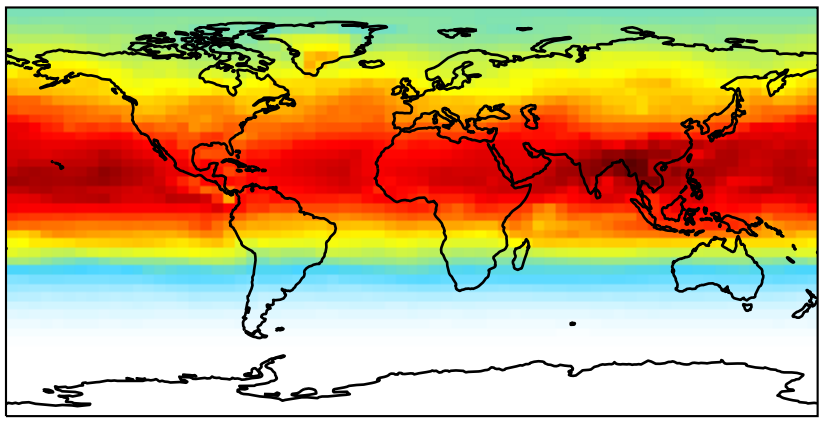
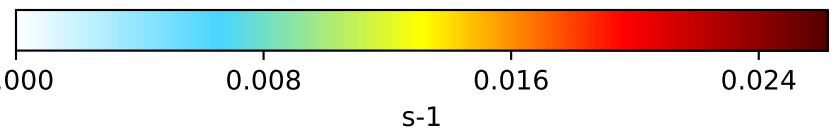
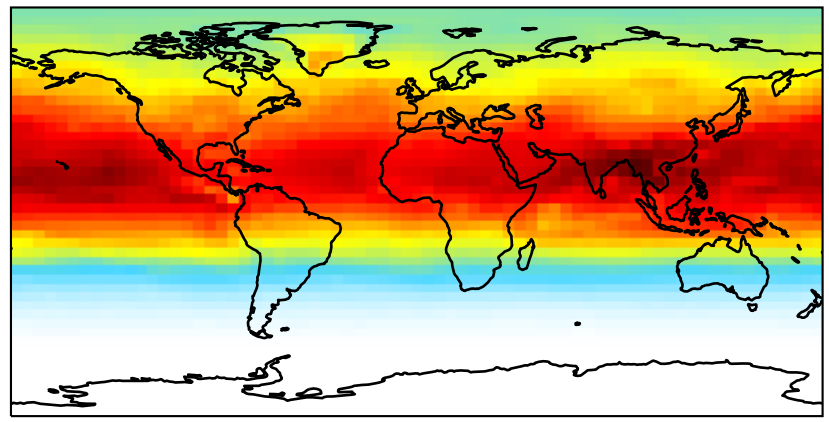
# JvalO3O1D (Jul2019)

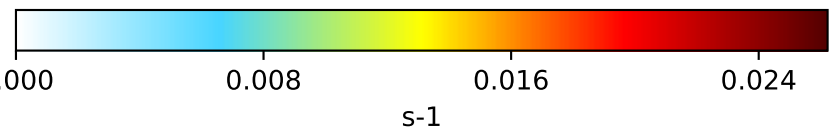
GCC_13.0.0 (Ref)
4.0x5.0



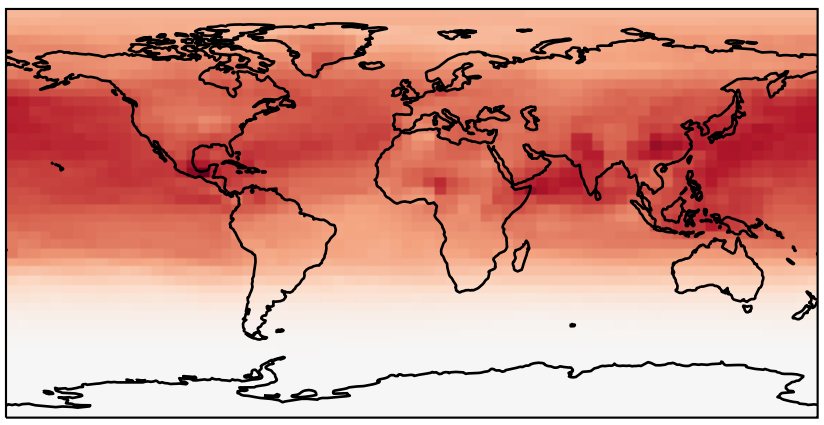


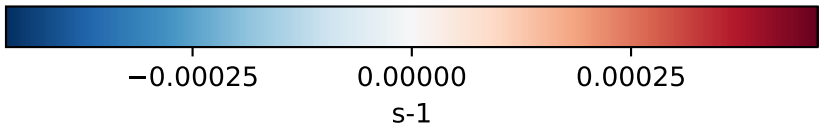

GCC_13.2.0 (Dev)
4.0x5.0



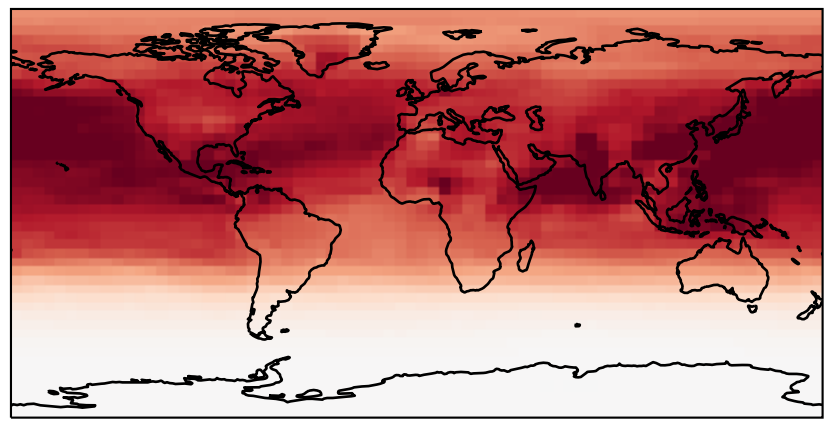


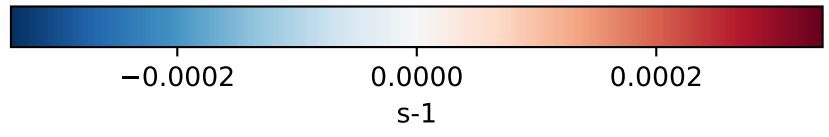

Difference
Dev - Ref, Dynamic Range



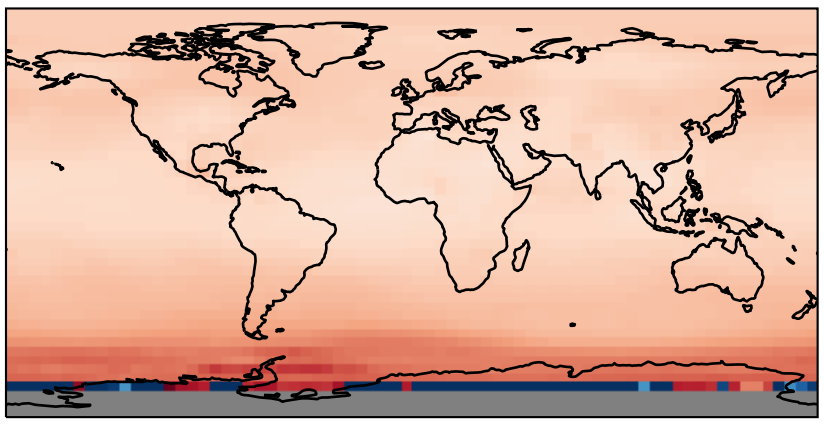


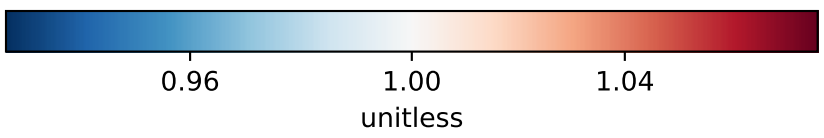

Difference
Dev - Ref, Restricted Range [5%,95%]



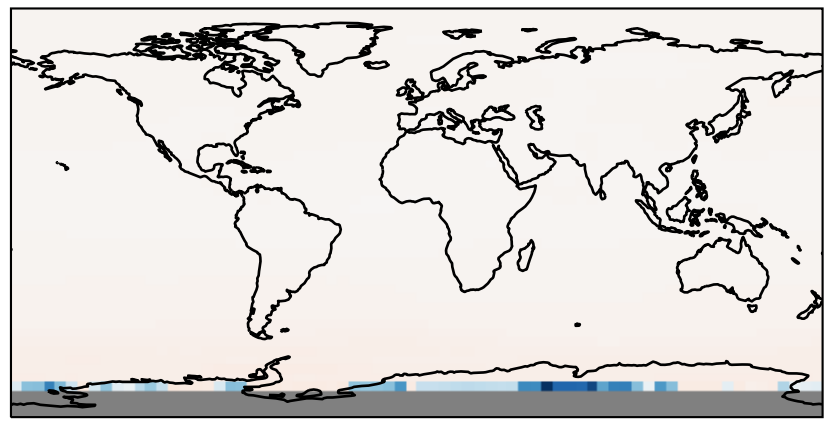


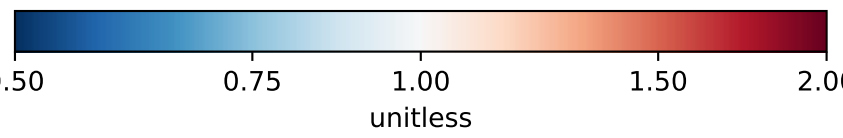

Ratio
Dev/Ref, Dynamic Range





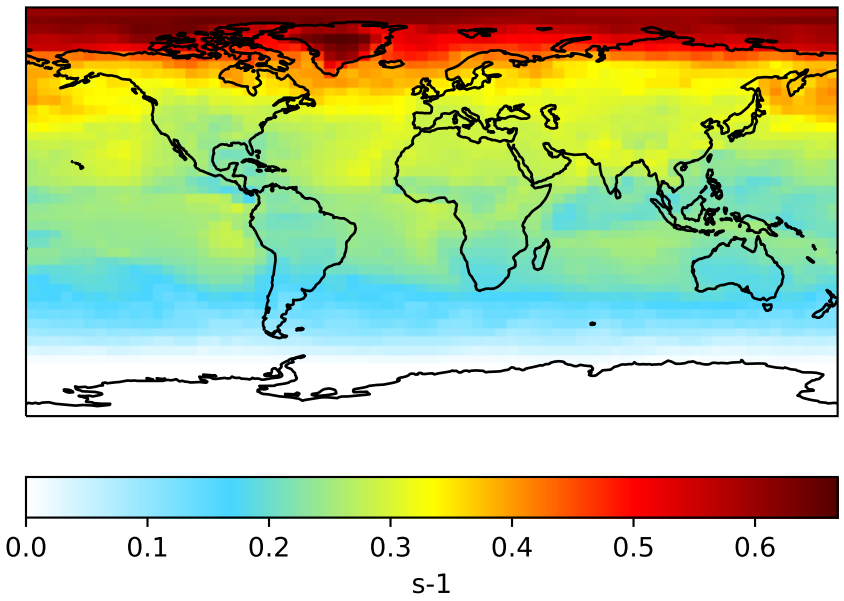

Ratio
Dev/Ref, Fixed Range



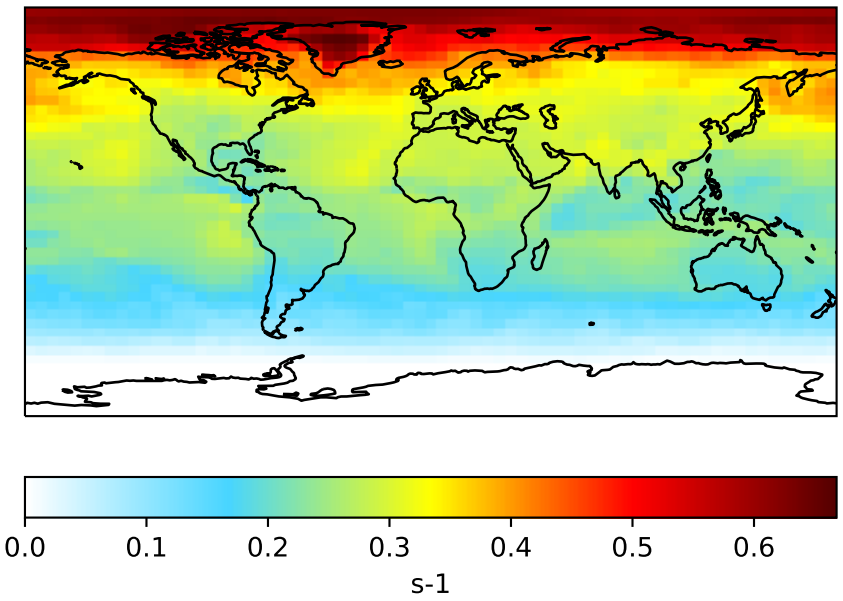


# JvalO3O3P (Jul2019)

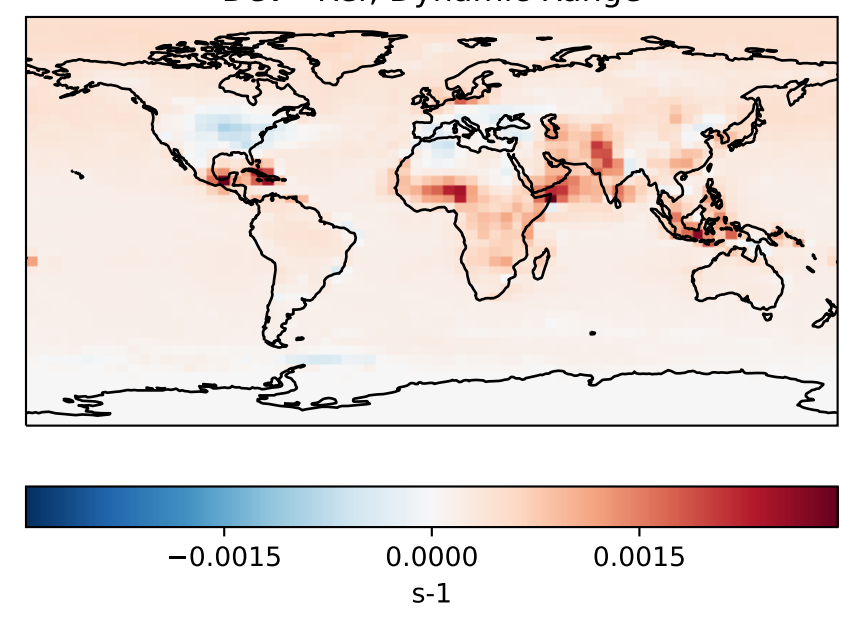
GCC_13.0.0 (Ref)
4.0x5.0



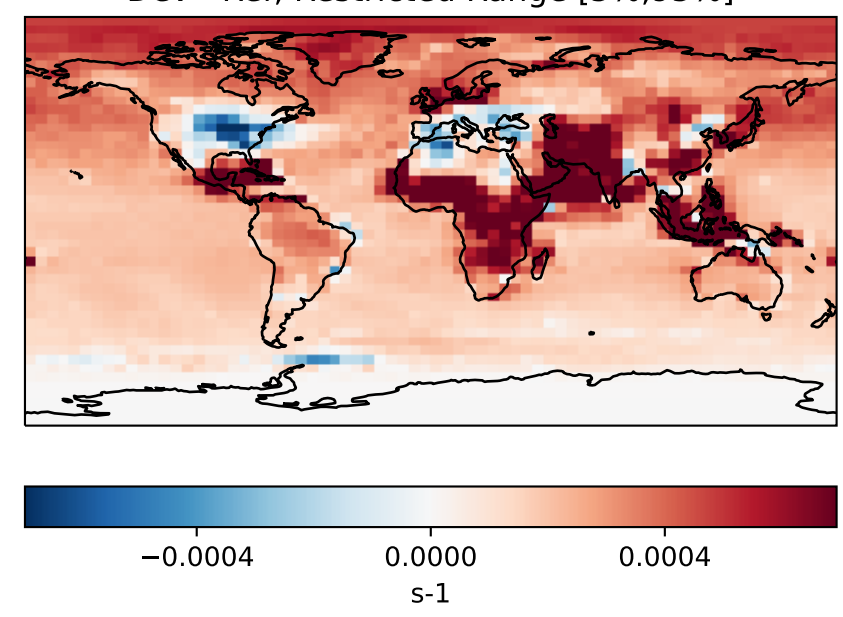

GCC_13.2.0 (Dev)
4.0x5.0



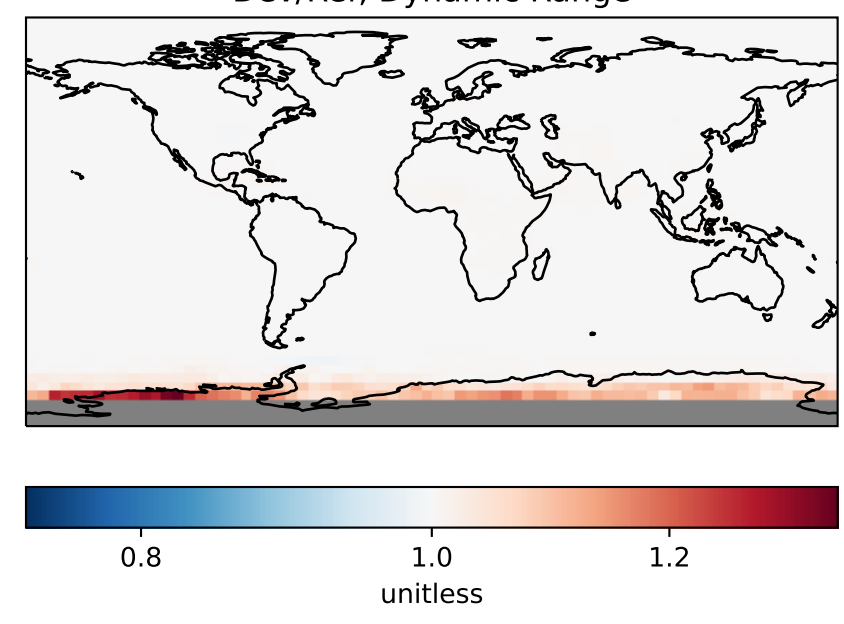

Difference
Dev - Ref, Dynamic Range



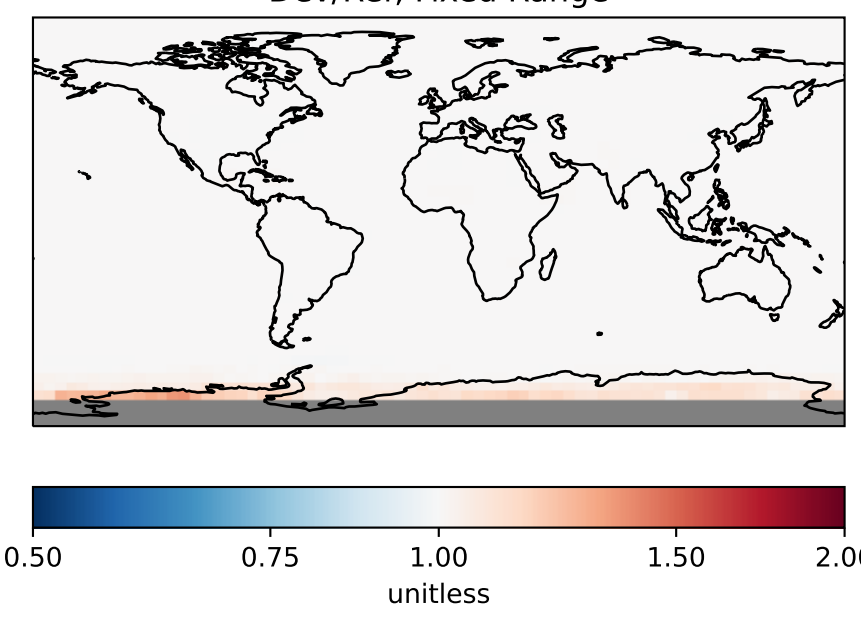

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

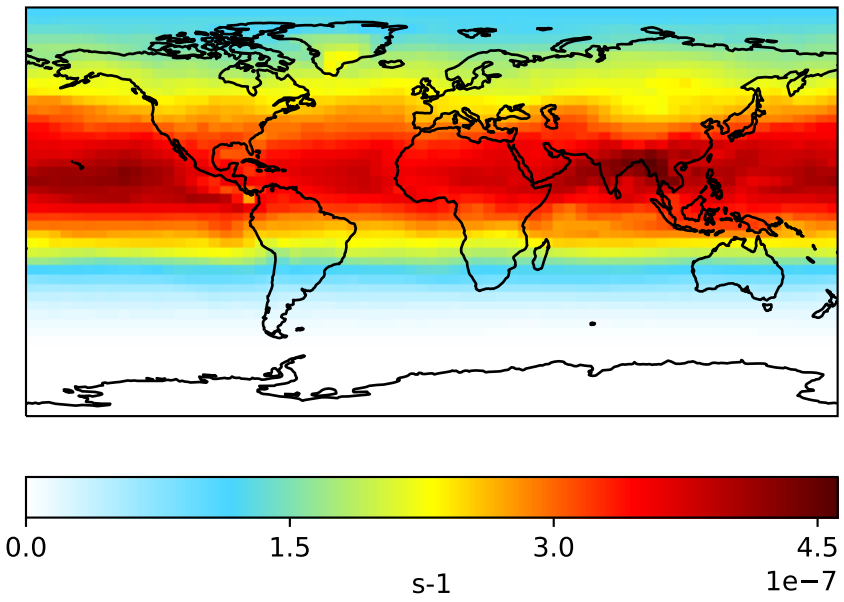



Ratio
Dev/Ref, Fixed Range

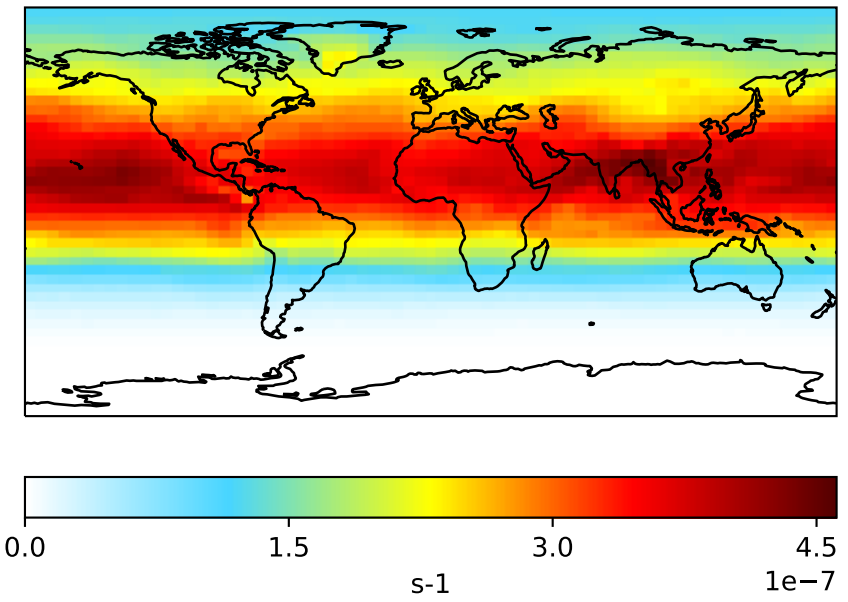


# Jval_ACET (Jul2019)

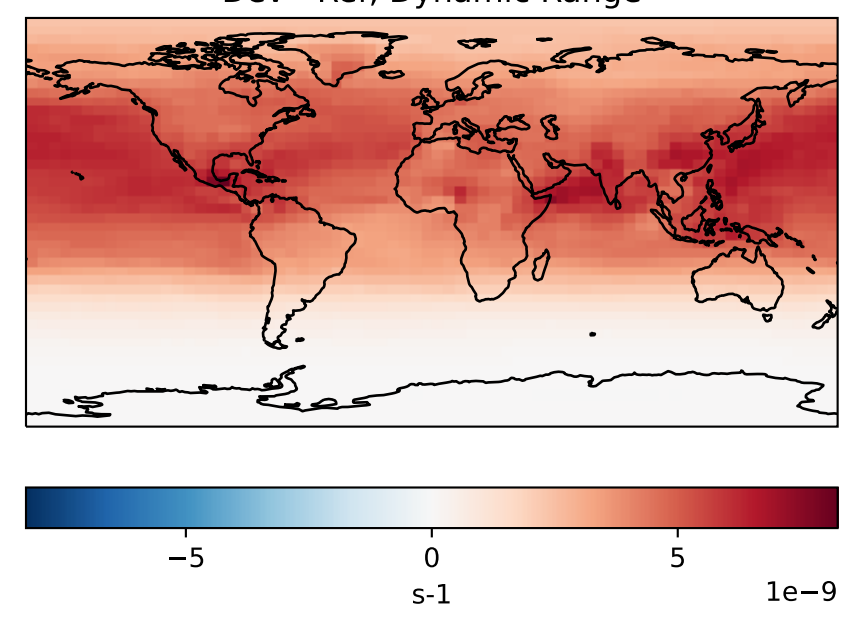
GCC_13.0.0 (Ref)
4.0x5.0



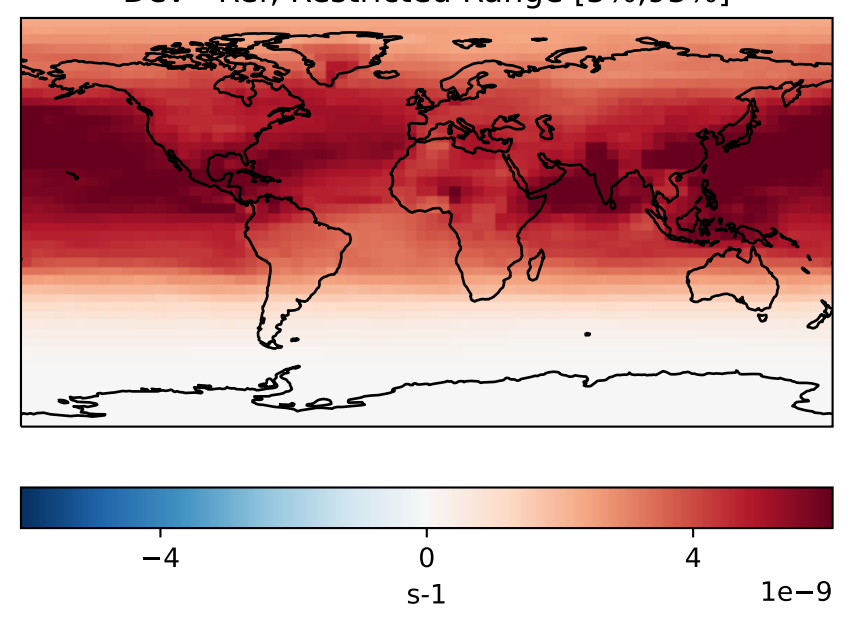

GCC_13.2.0 (Dev)
4.0x5.0



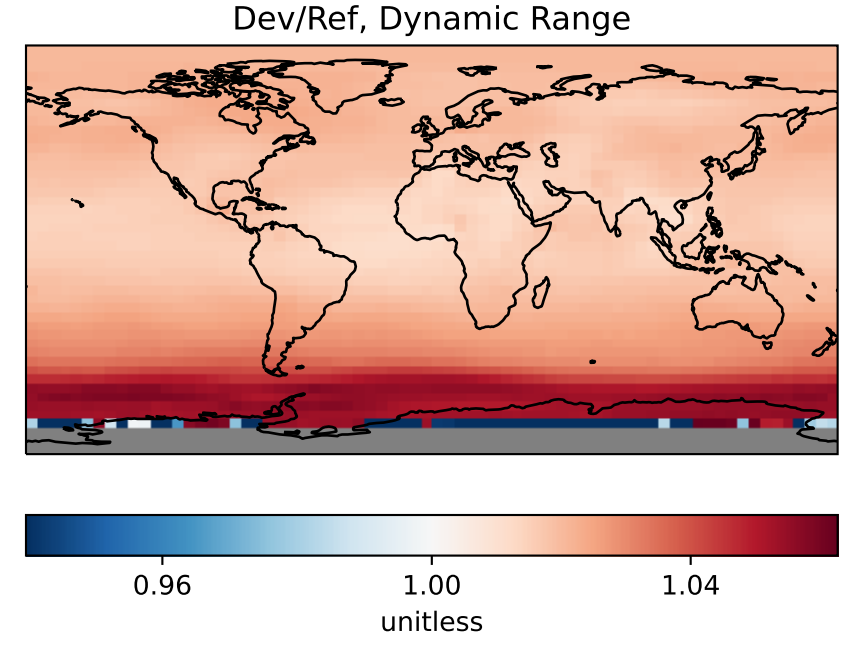

Difference
Dev - Ref, Dynamic Range



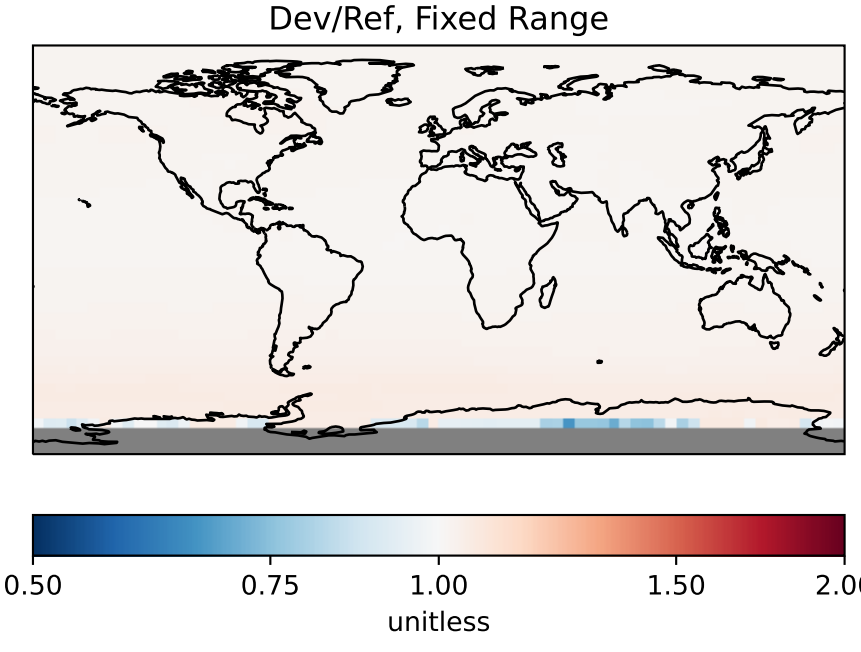

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

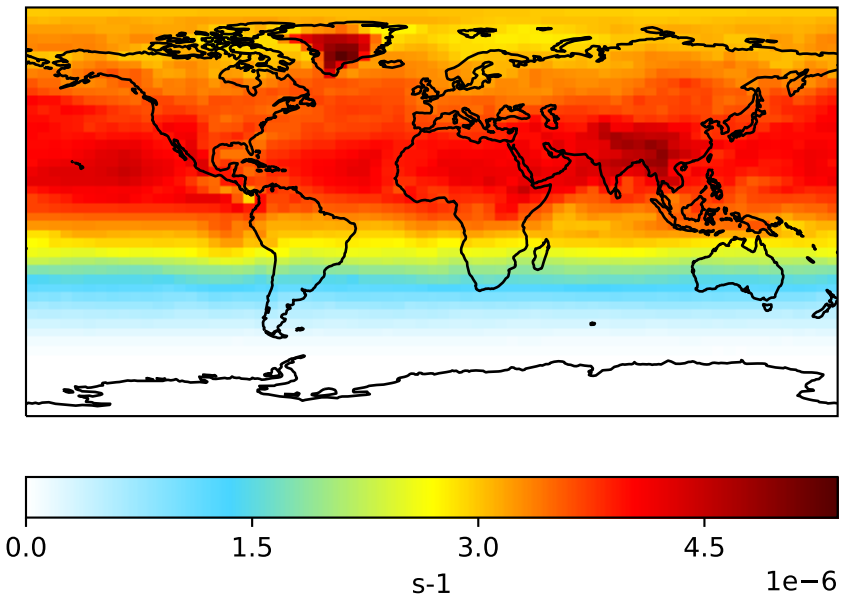



Ratio
Dev/Ref, Fixed Range

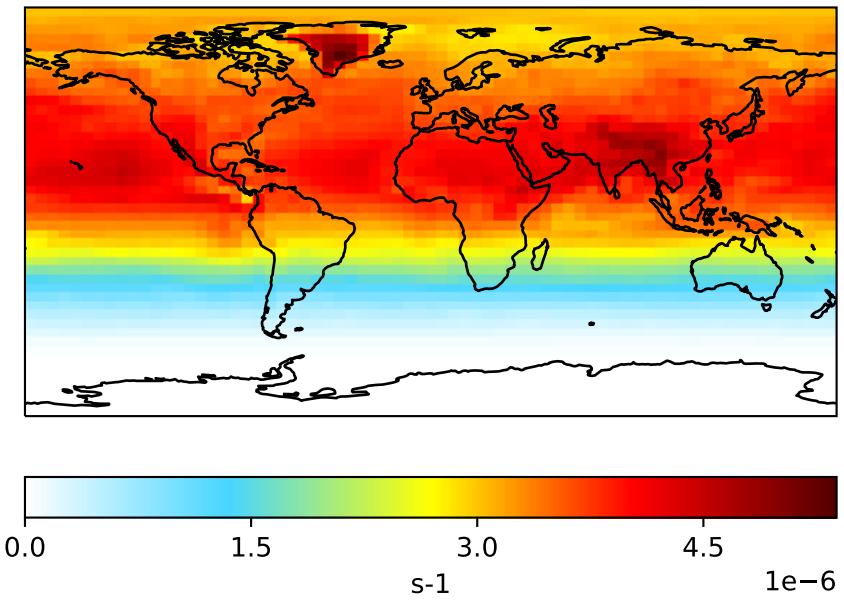


# Jval_ALD2 (Jul2019)

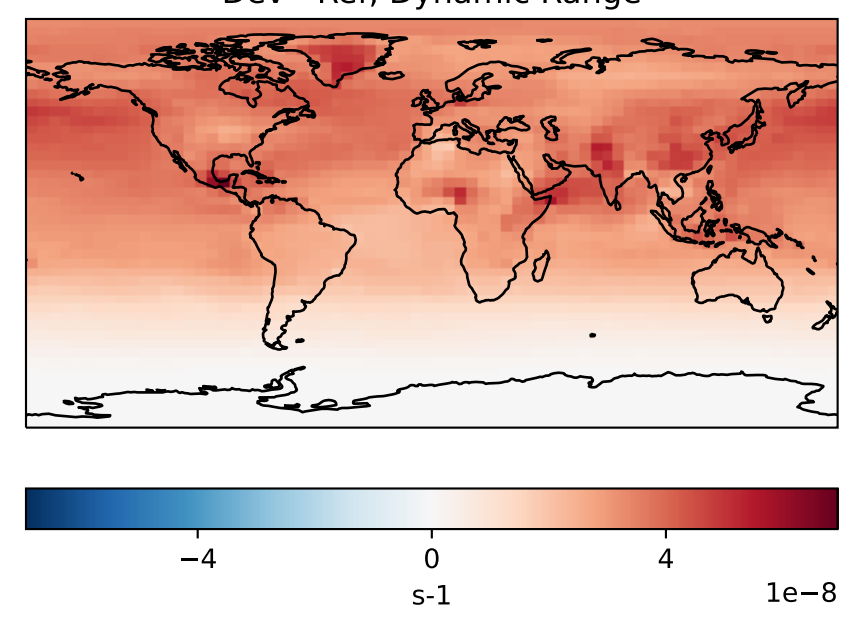
GCC_13.0.0 (Ref)
4.0x5.0



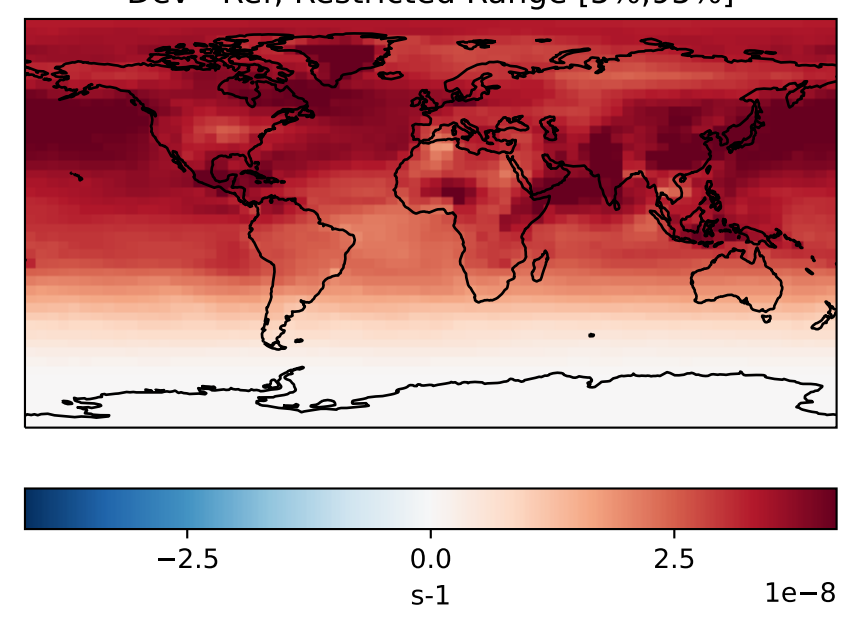

GCC_13.2.0 (Dev)
4.0x5.0



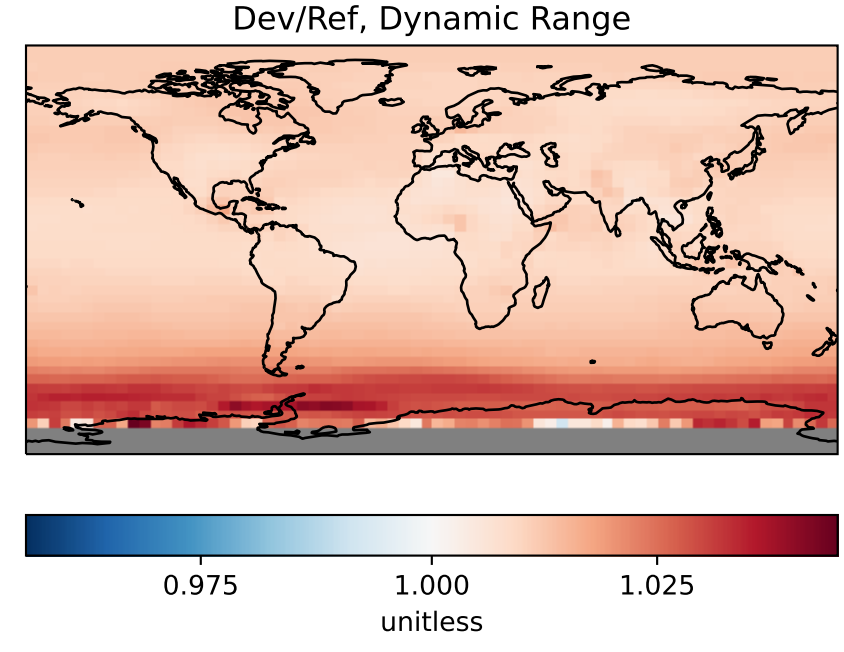

Difference
Dev - Ref, Dynamic Range



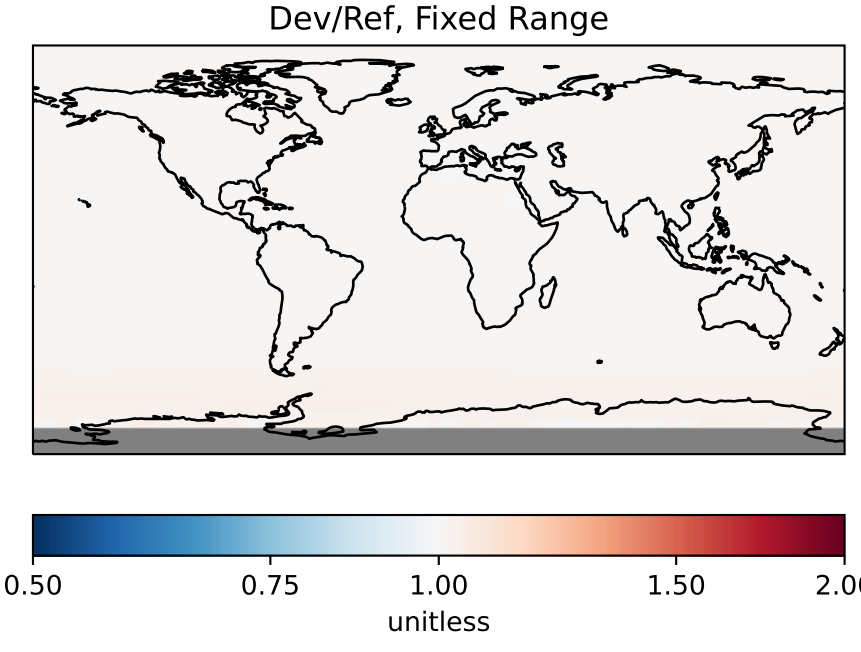

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

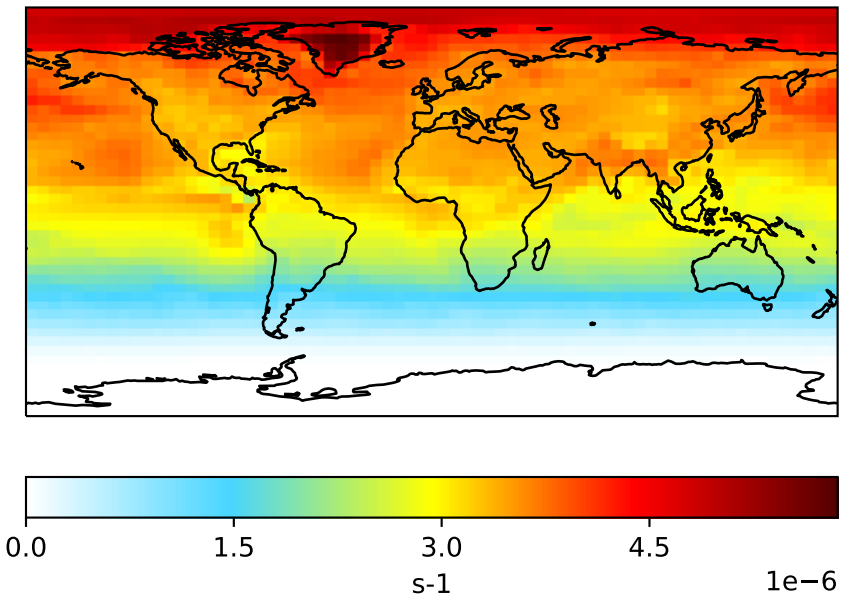



Ratio
Dev/Ref, Fixed Range

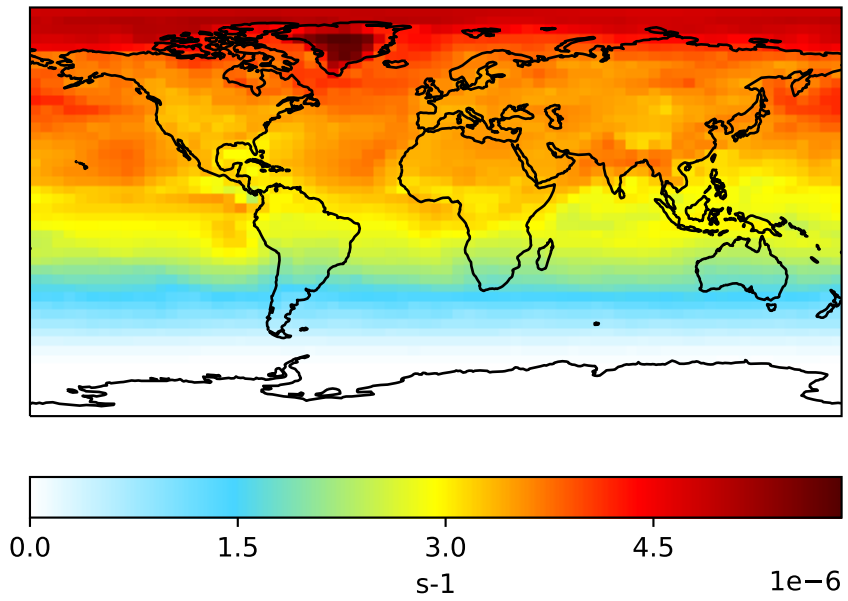


# Jval_ATOOH (Jul2019)

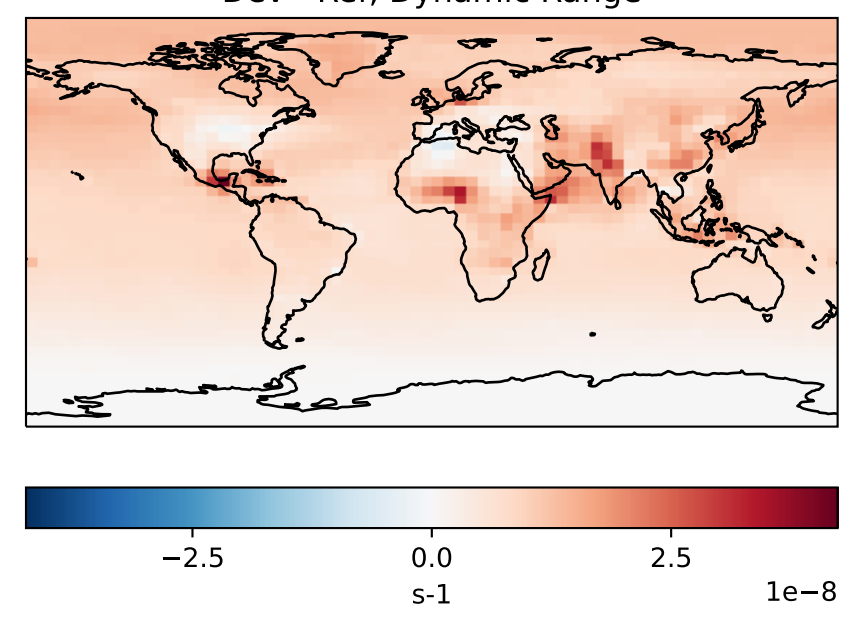
GCC_13.0.0 (Ref)
4.0x5.0



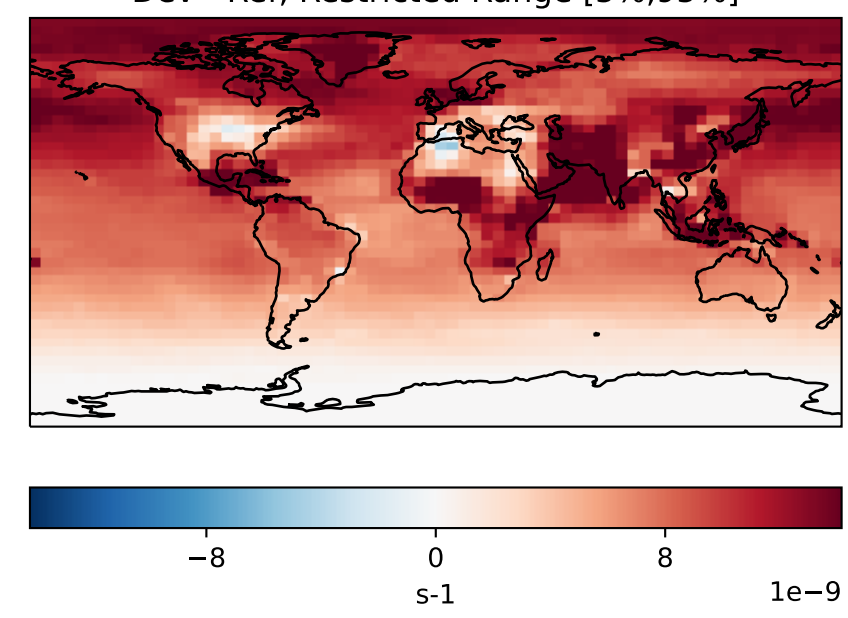

GCC_13.2.0 (Dev)
4.0x5.0



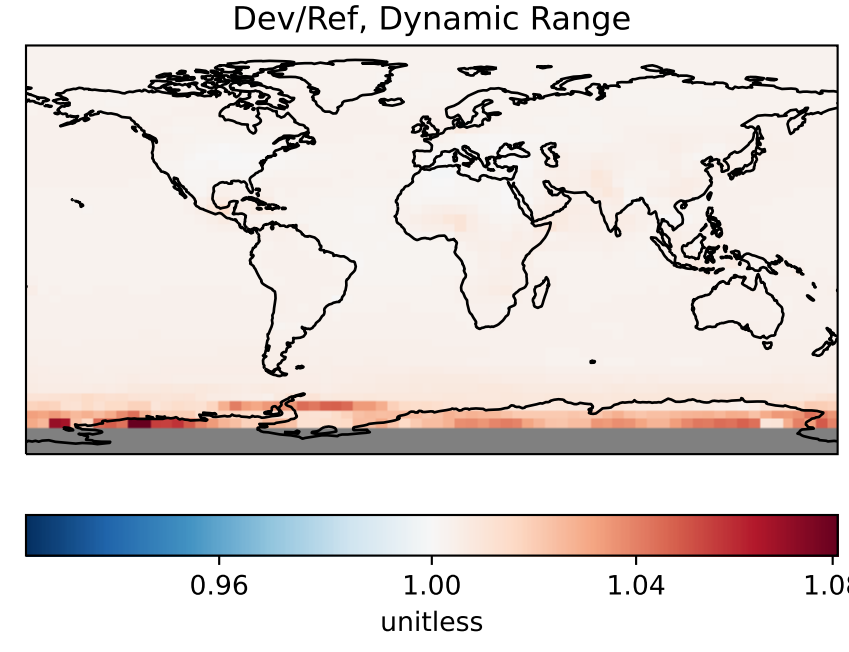

Difference
Dev - Ref, Dynamic Range



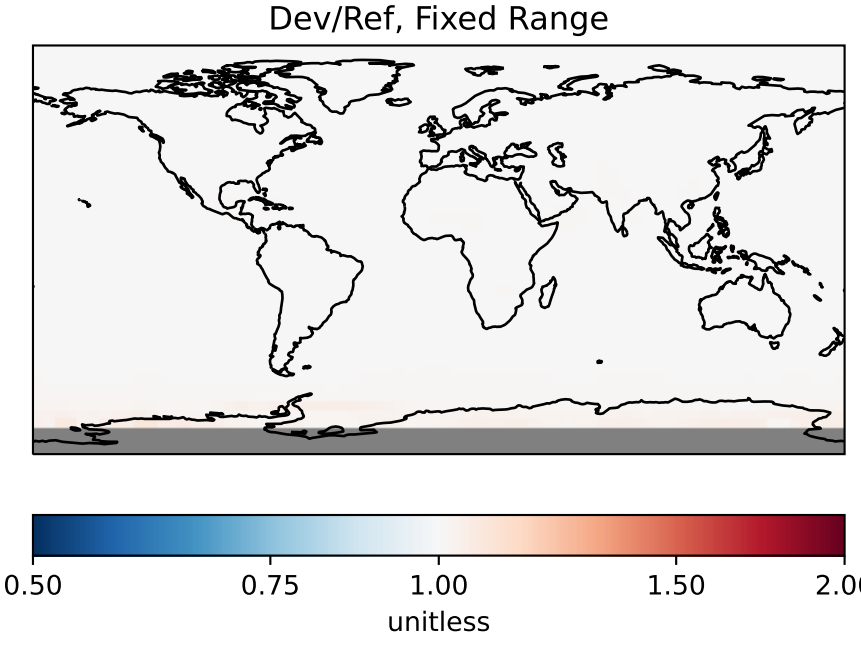

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

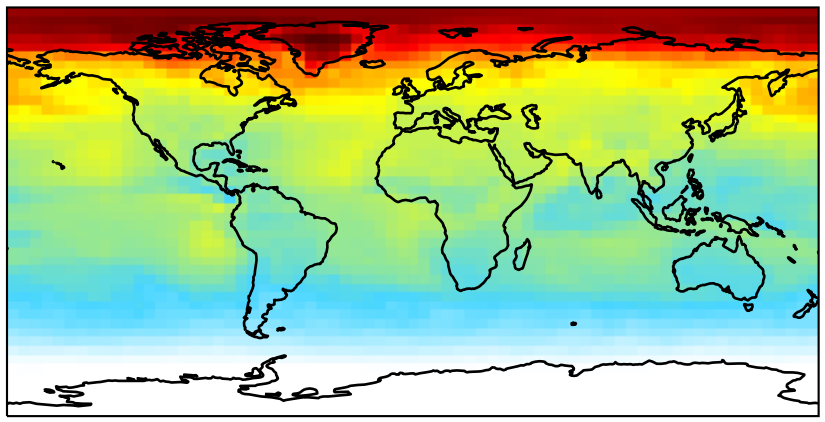


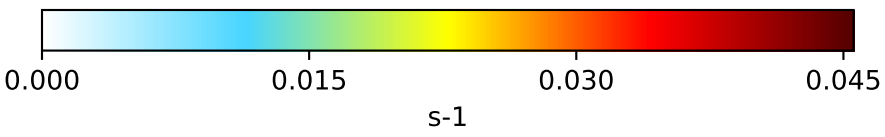

Ratio
Dev/Ref, Fixed Range



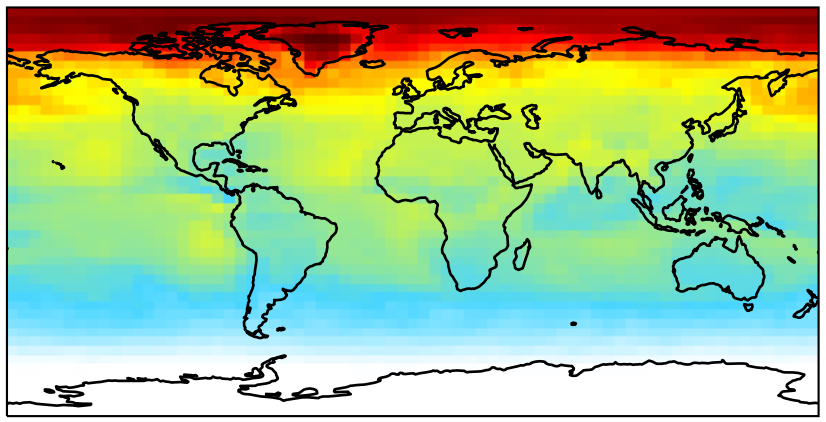
# Jval_Br2 (Jul2019)

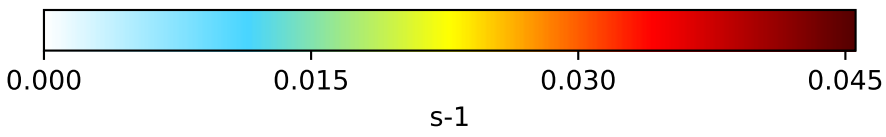
GCC_13.0.0 (Ref)
4.0x5.0



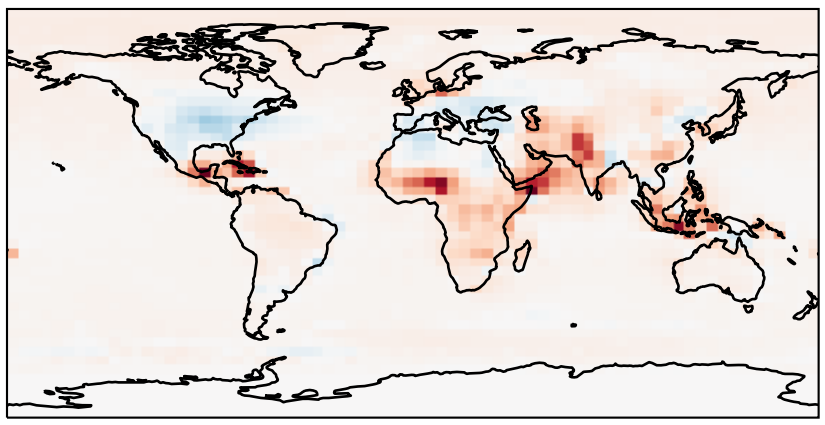


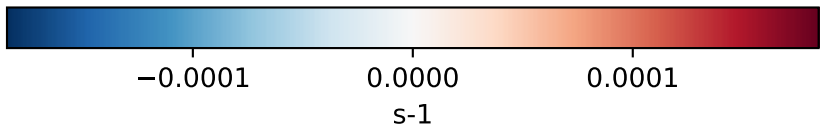

GCC_13.2.0 (Dev)
4.0x5.0



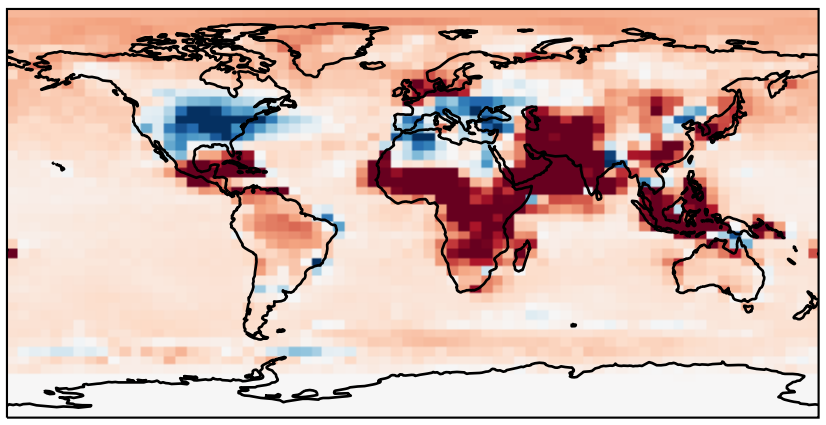


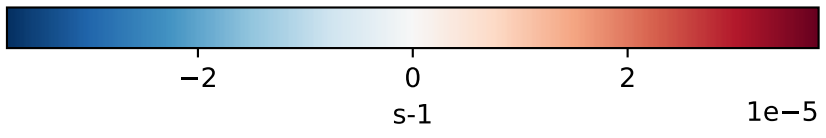

Difference
Dev - Ref, Dynamic Range



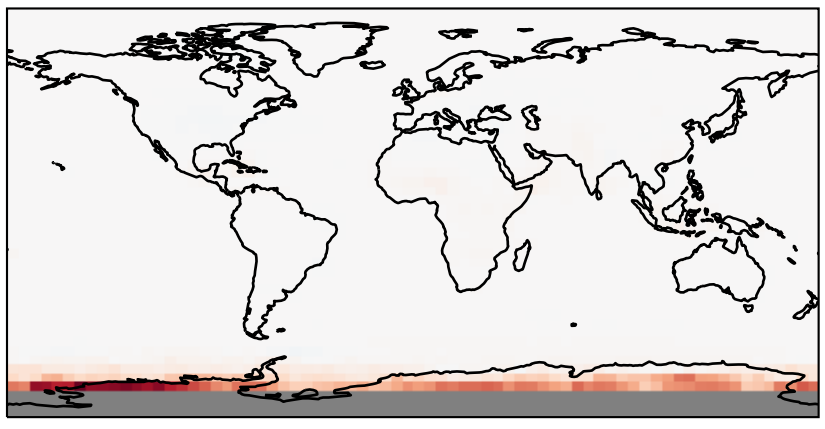


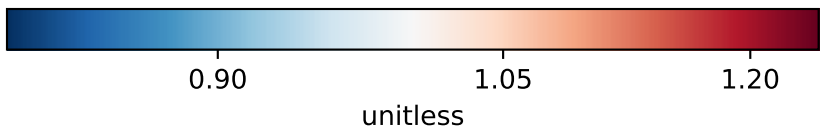

Difference
Dev - Ref, Restricted Range [5%,95%]



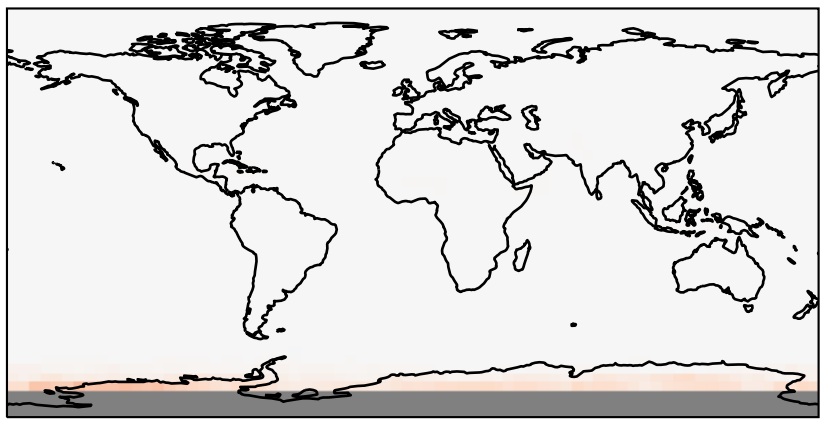


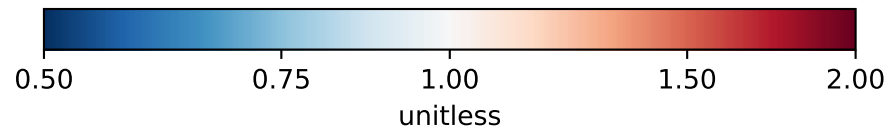

Ratio
Dev/Ref, Dynamic Range





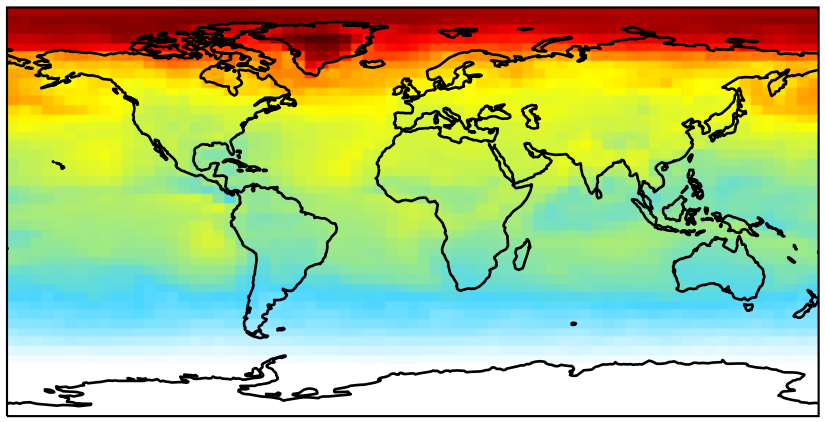

Ratio
Dev/Ref, Fixed Range

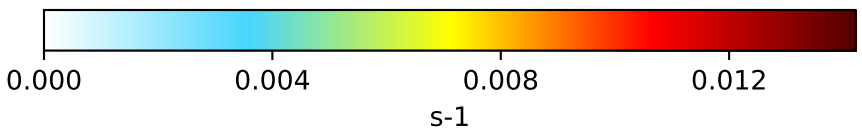




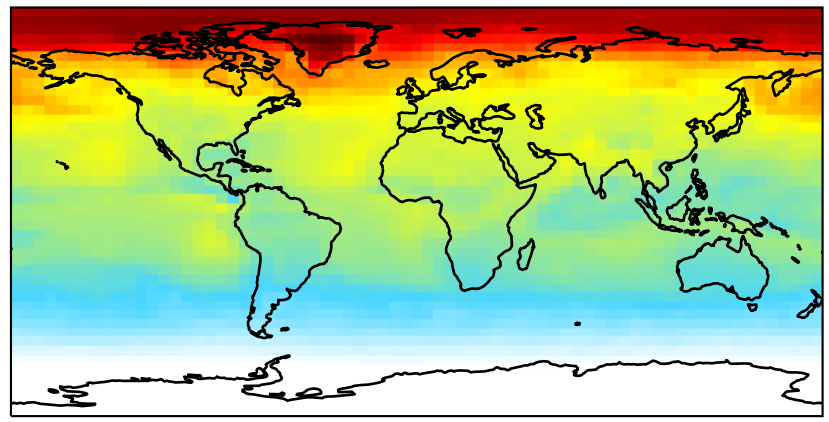
# Jval_BrCl (Jul2019)

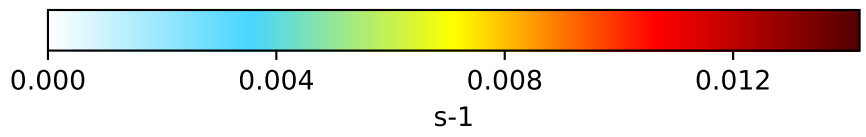
GCC_13.0.0 (Ref)
4.0x5.0



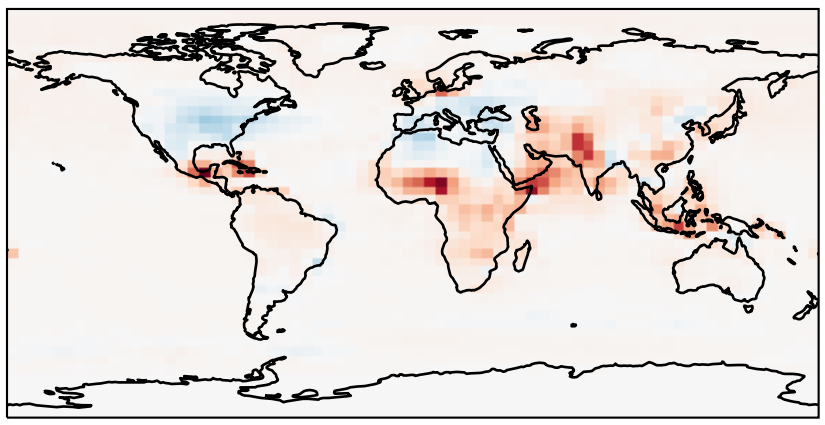


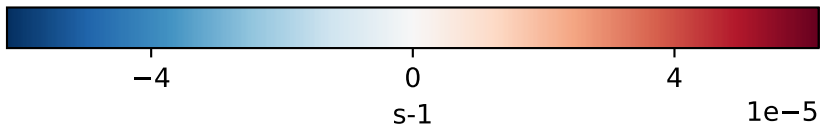

GCC_13.2.0 (Dev)
4.0x5.0



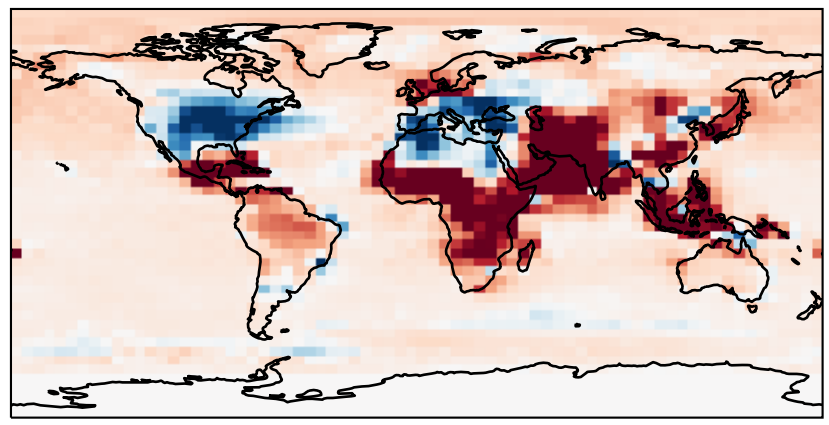


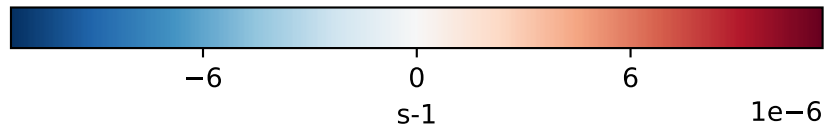

Difference
Dev - Ref, Dynamic Range



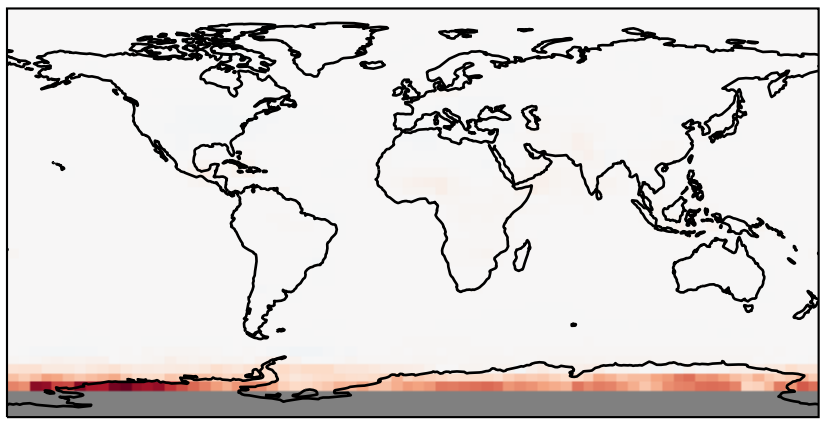


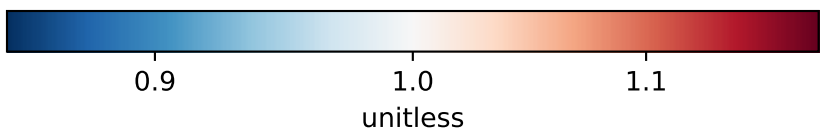

Difference
Dev - Ref, Restricted Range [5%,95%]



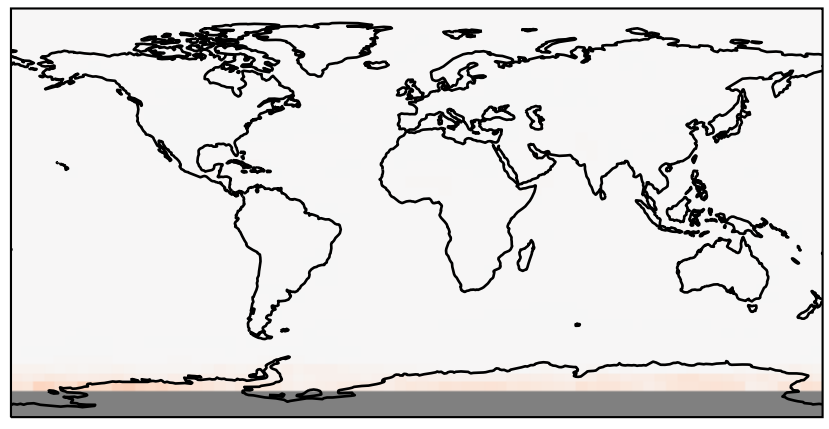


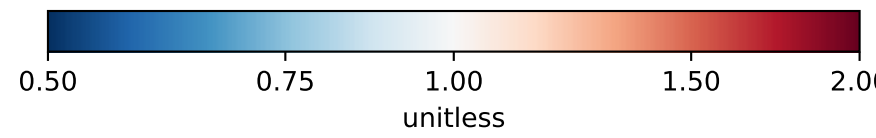

Ratio
Dev/Ref, Dynamic Range





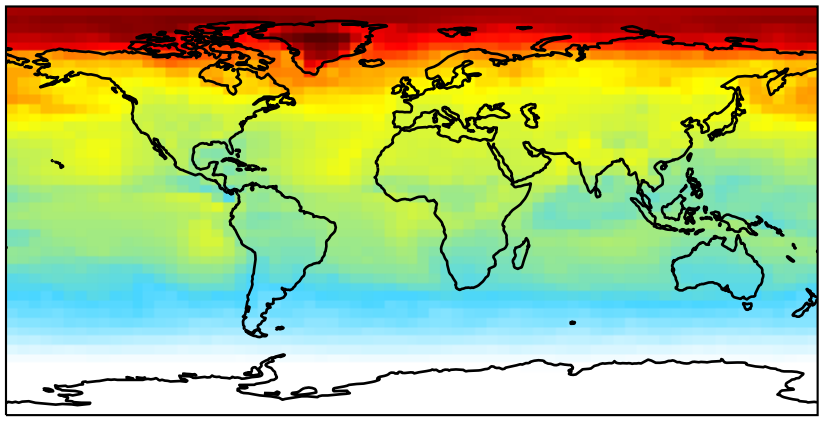

Ratio
Dev/Ref, Fixed Range

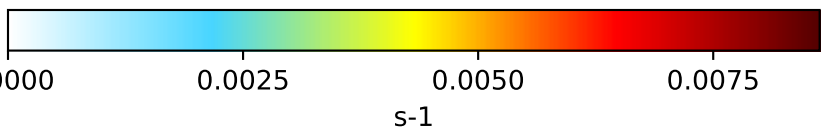




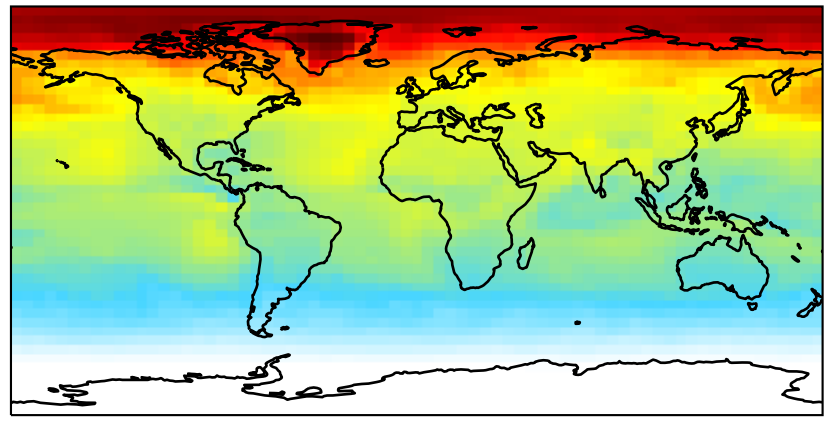
# Jval_BrNO2 (Jul2019)

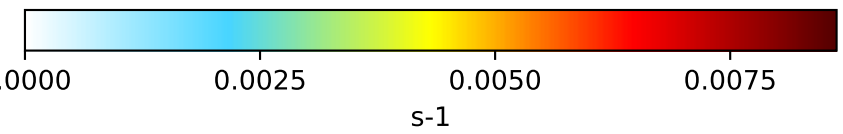
GCC_13.0.0 (Ref)
4.0x5.0



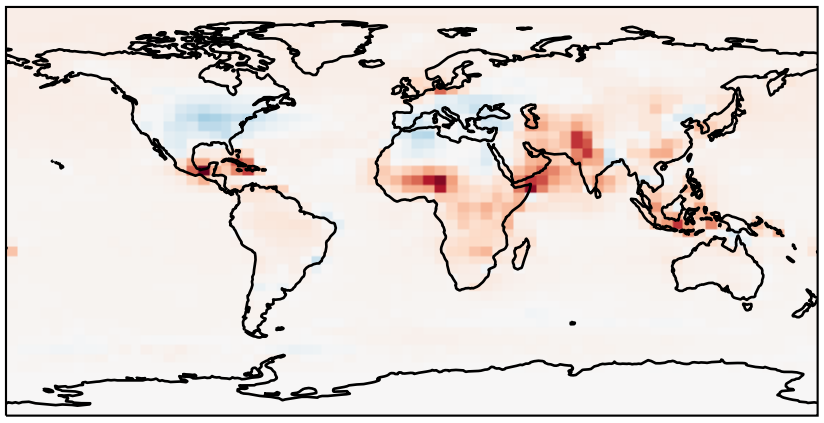


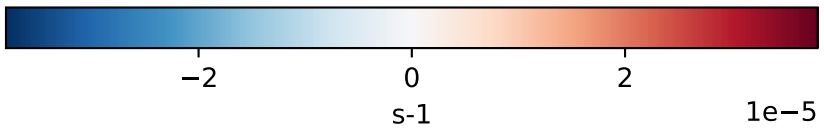

GCC_13.2.0 (Dev)
4.0x5.0



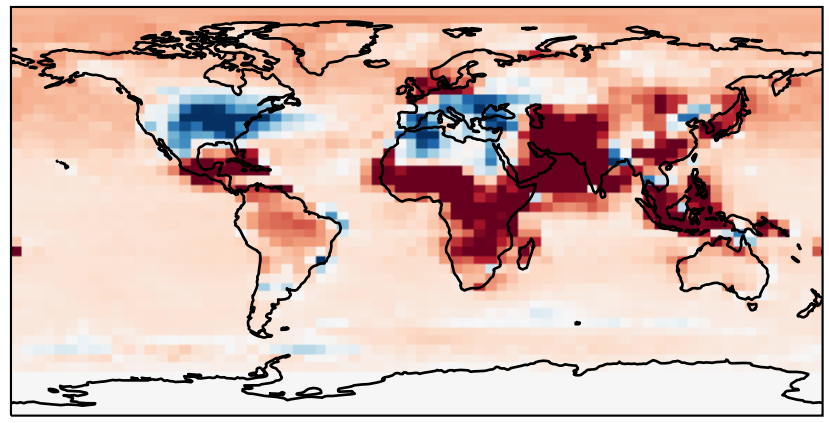


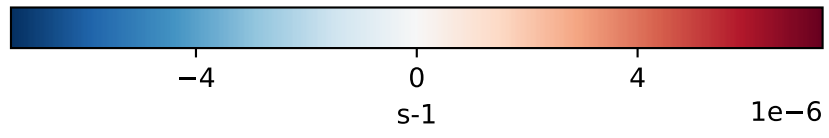

Difference
Dev - Ref, Dynamic Range



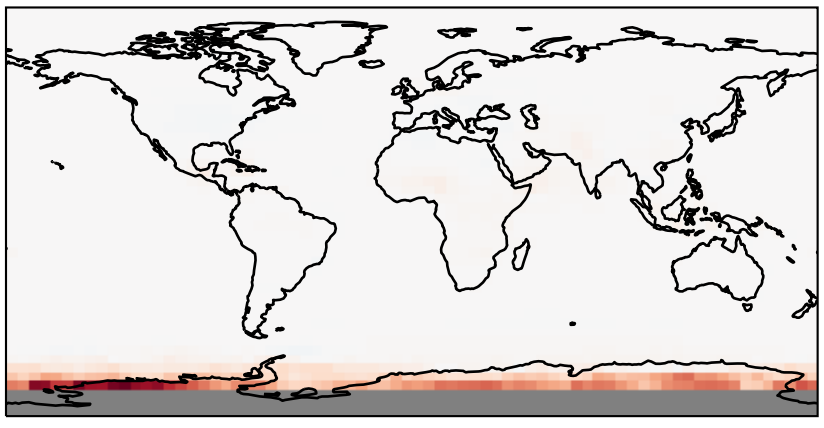


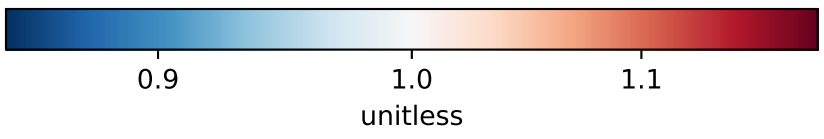

Difference
Dev - Ref, Restricted Range [5%,95%]



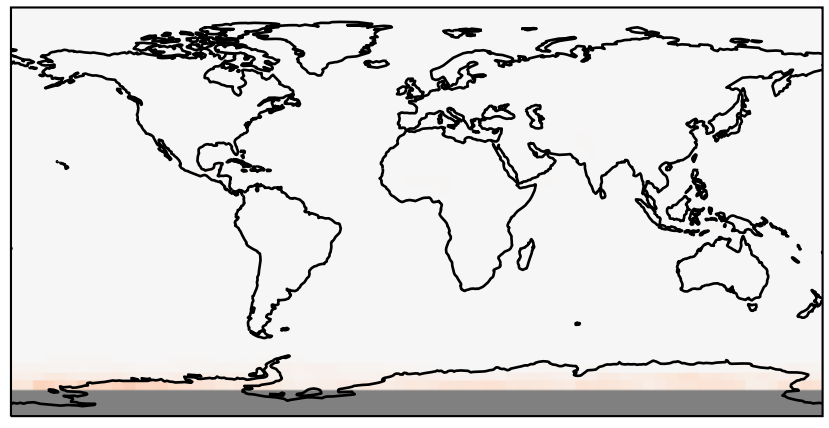


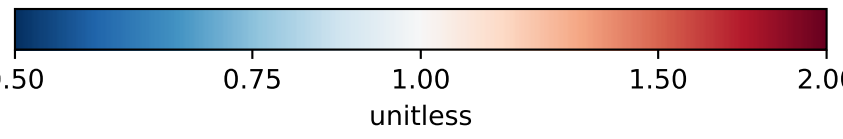

Ratio
Dev/Ref, Dynamic Range





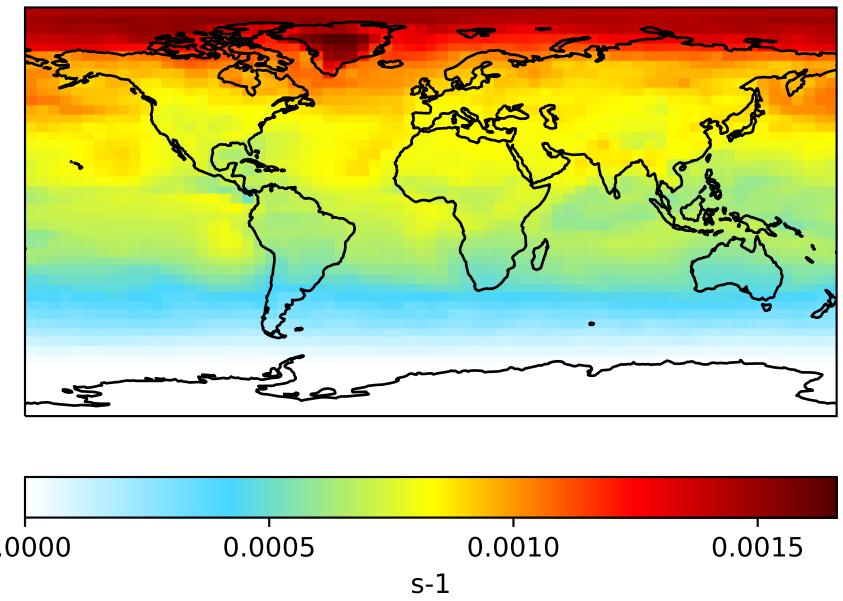

Ratio
Dev/Ref, Fixed Range



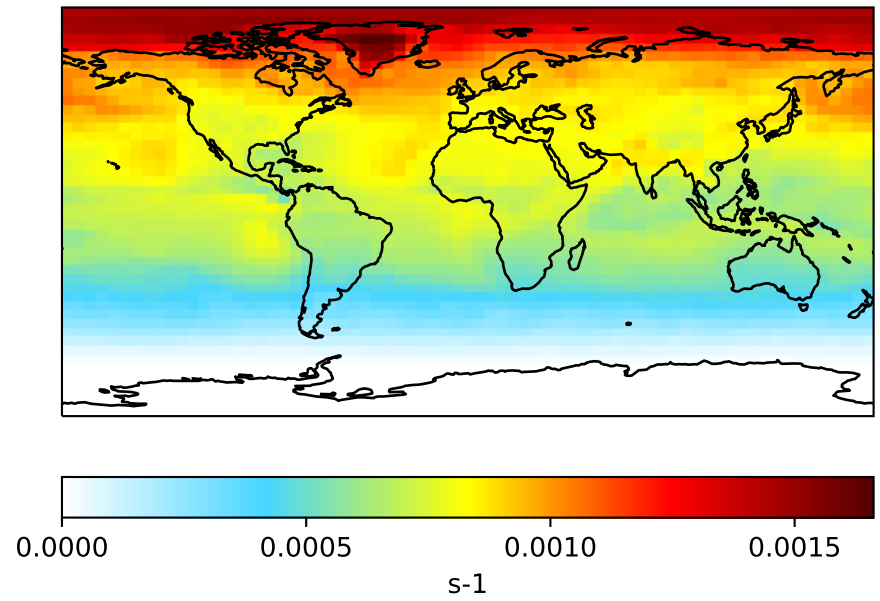


# Jval_BrNO3 (Jul2019)

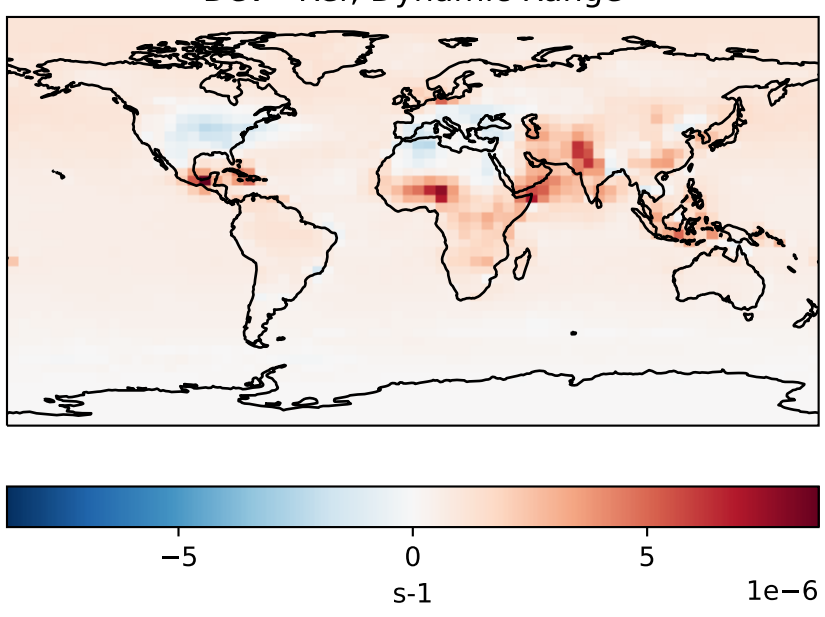
GCC_13.0.0 (Ref)
4.0x5.0



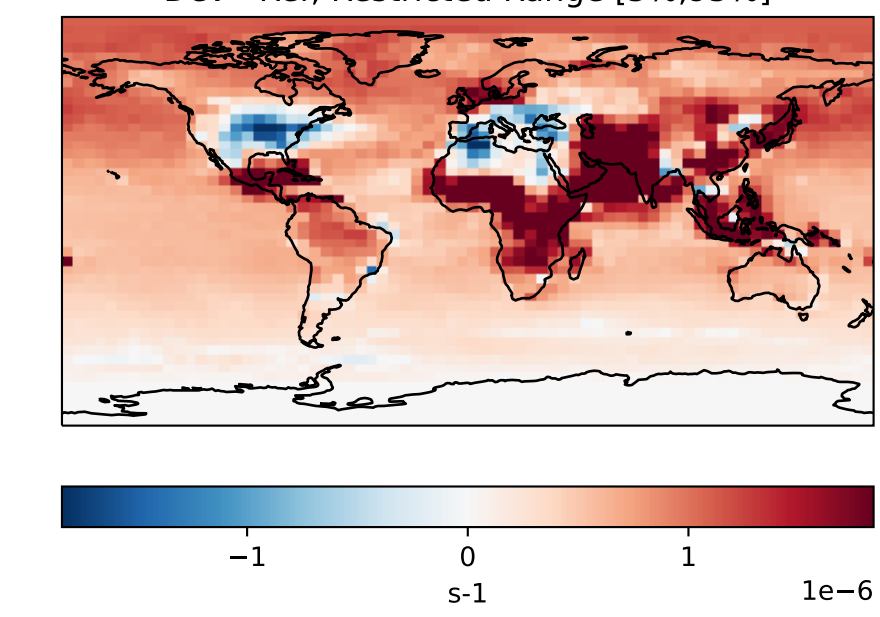

GCC_13.2.0 (Dev)
4.0x5.0



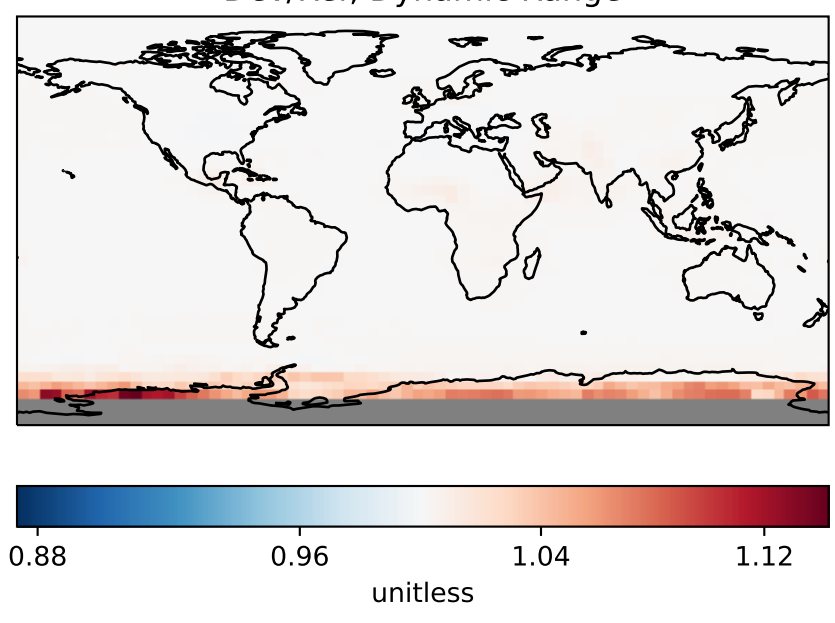

Difference
Dev - Ref, Dynamic Range



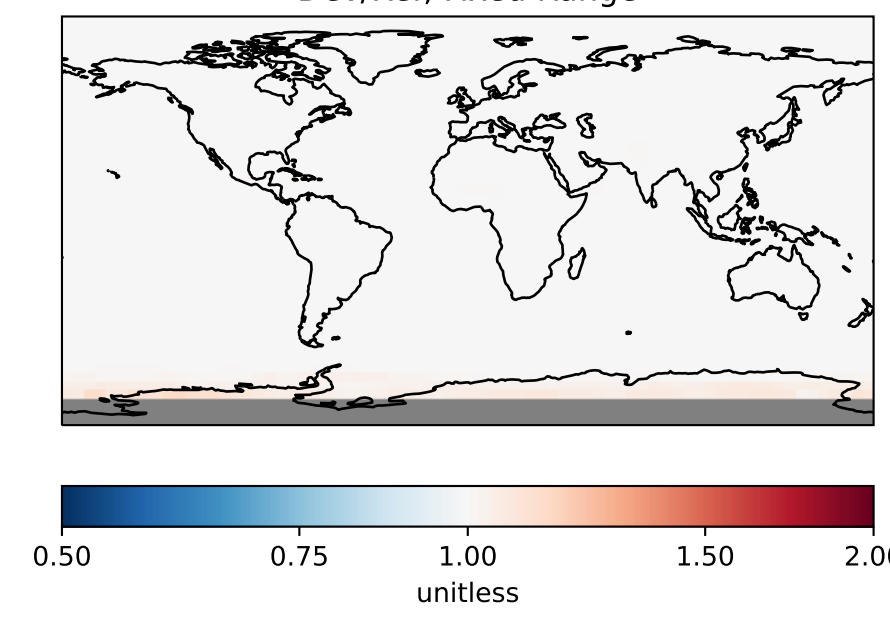

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

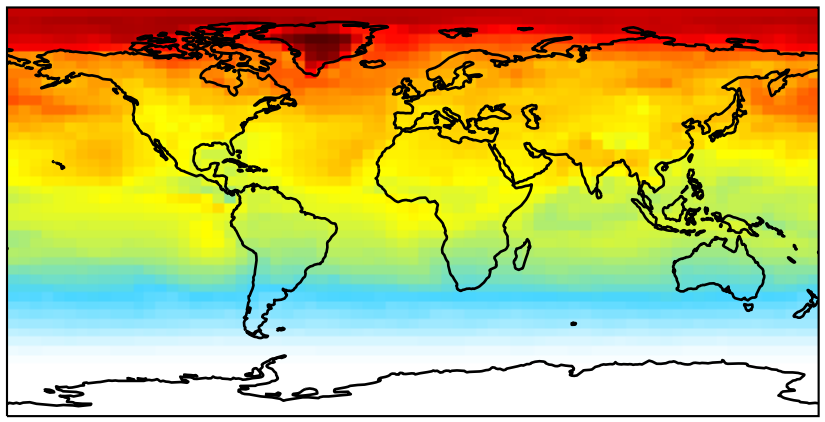


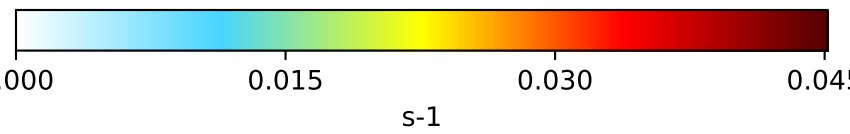

Ratio
Dev/Ref, Fixed Range



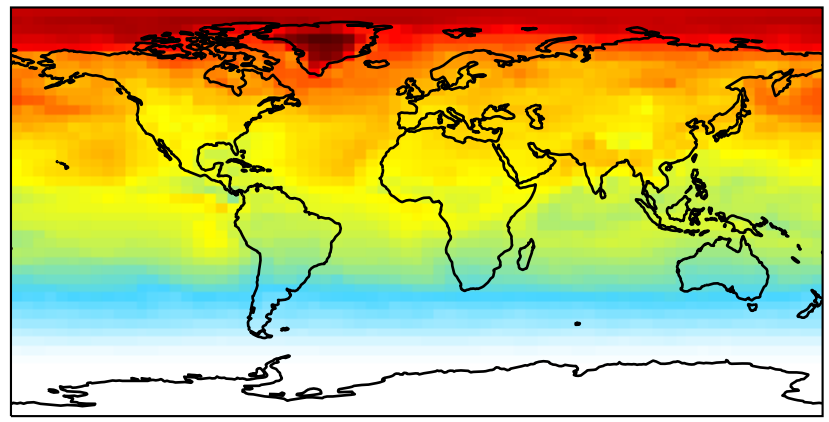
# Jval_BrO (Jul2019)

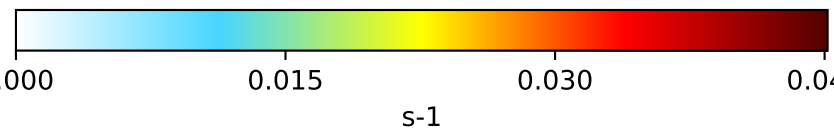
GCC_13.0.0 (Ref)
4.0x5.0



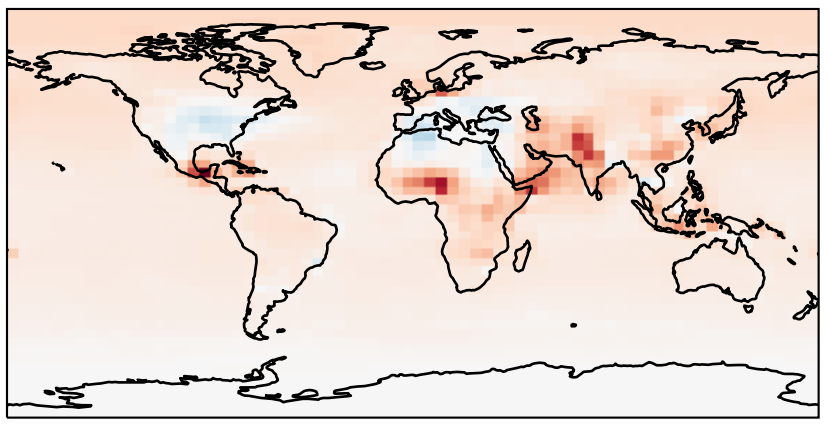


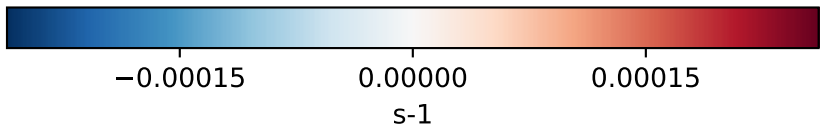

GCC_13.2.0 (Dev)
4.0x5.0



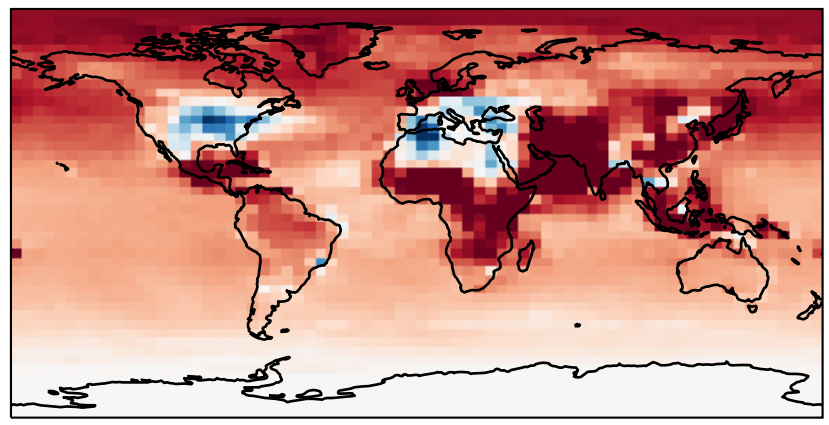


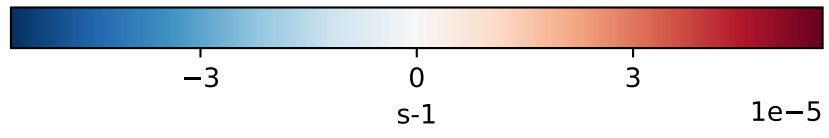

Difference
Dev - Ref, Dynamic Range



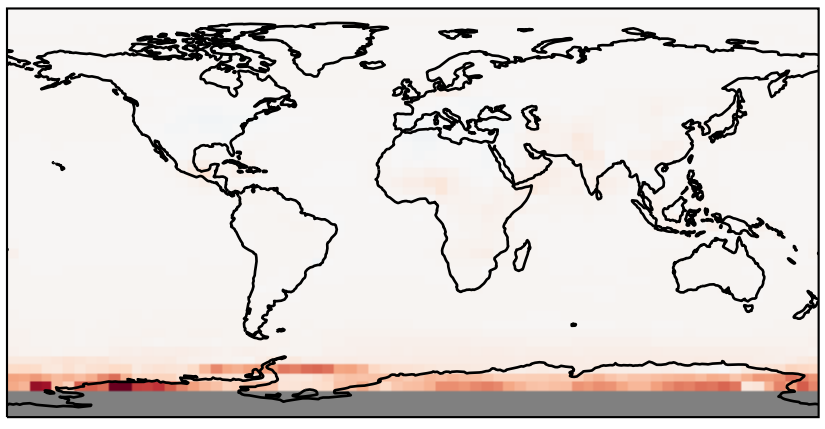



Difference
Dev - Ref, Restricted Range [5%,95%]





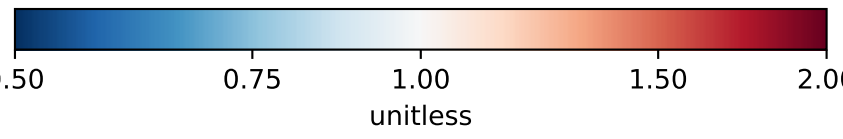

Ratio
Dev/Ref, Dynamic Range





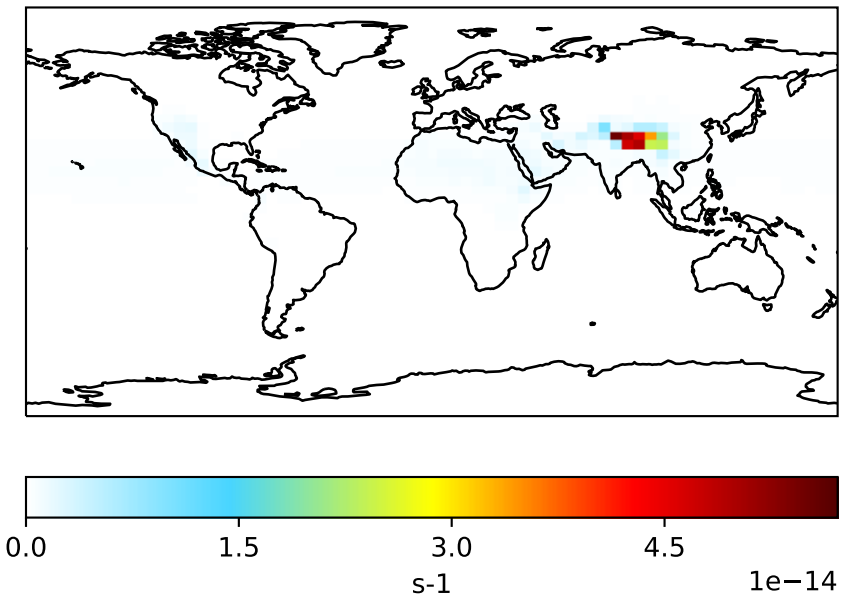

Ratio
Dev/Ref, Fixed Range



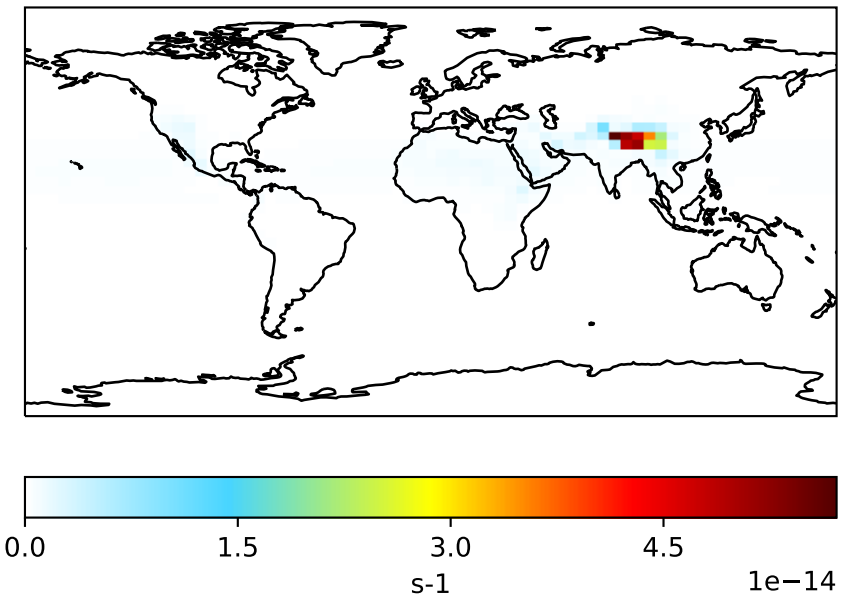


# Jval_CCl4 (Jul2019)

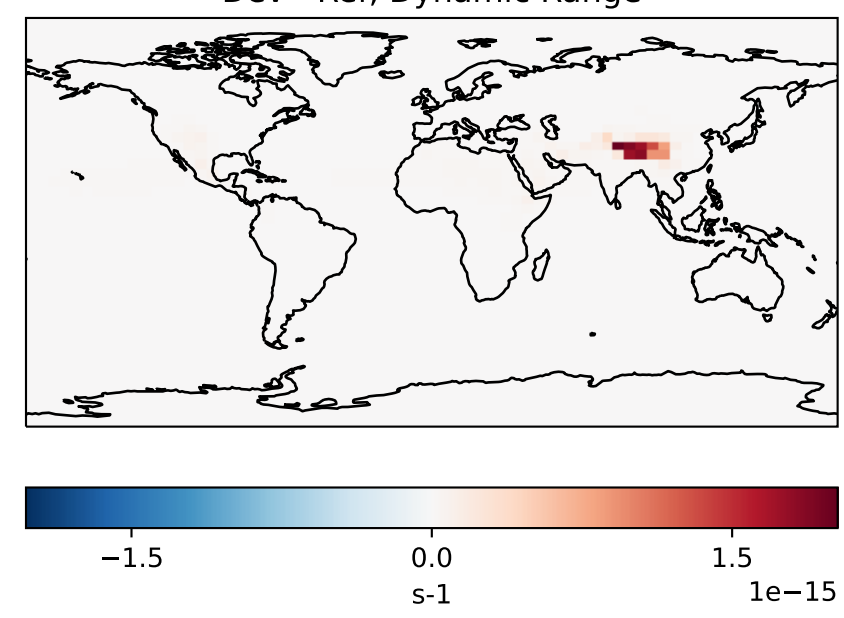
GCC_13.0.0 (Ref)
4.0x5.0



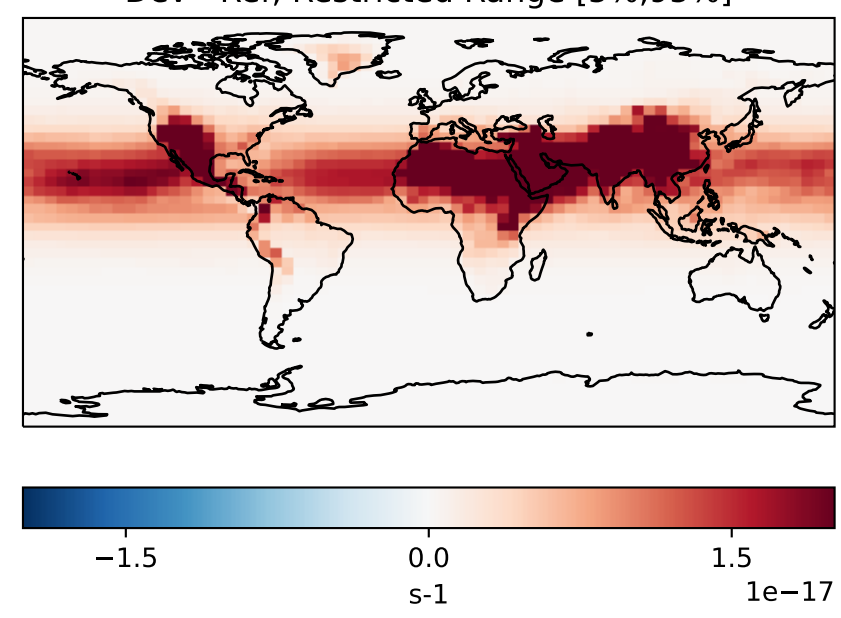

GCC_13.2.0 (Dev)
4.0x5.0



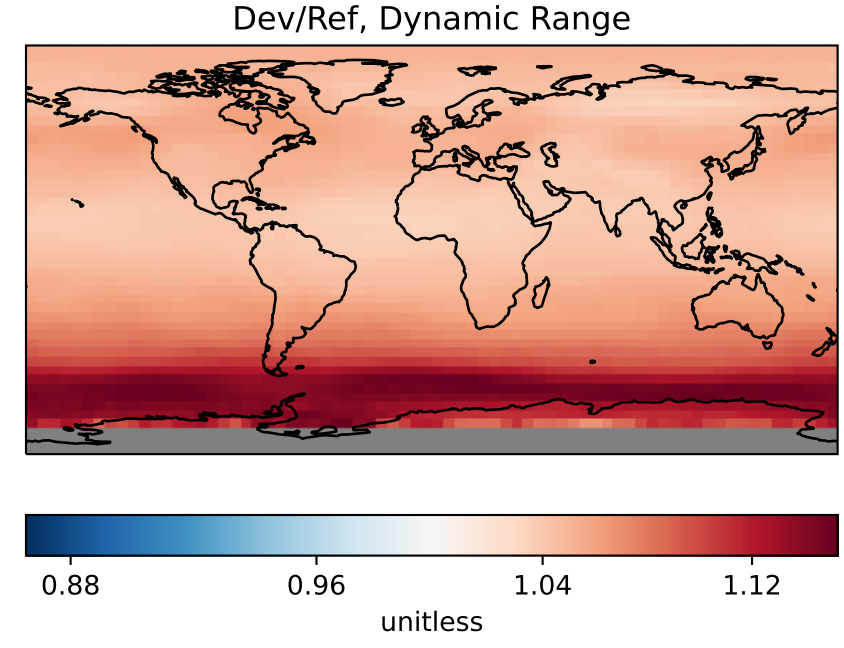

Difference
Dev - Ref, Dynamic Range



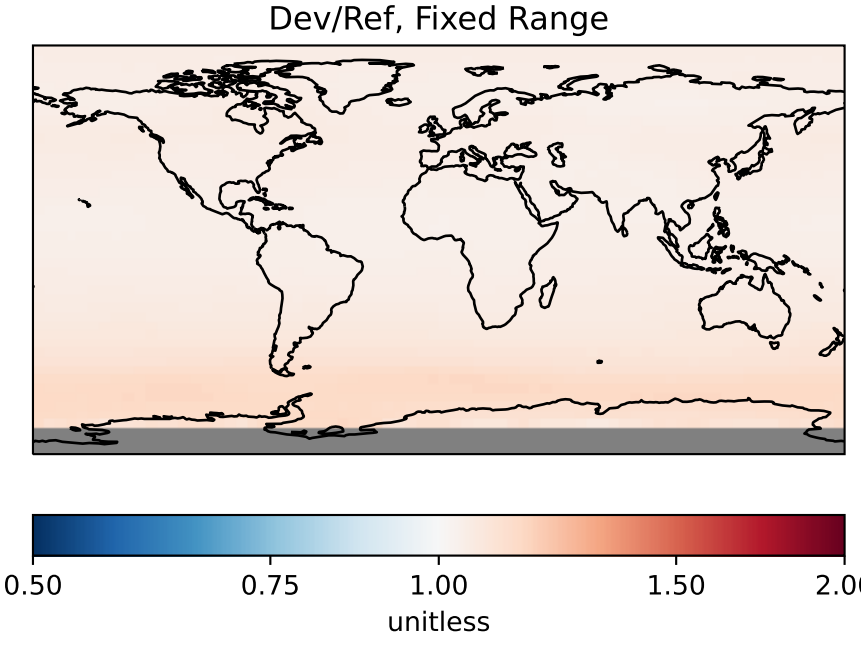

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

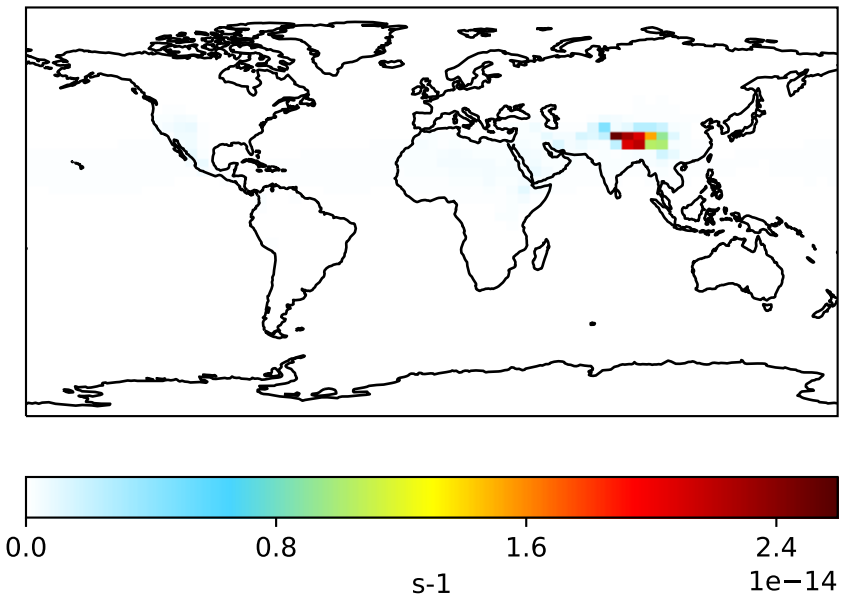



Ratio
Dev/Ref, Fixed Range

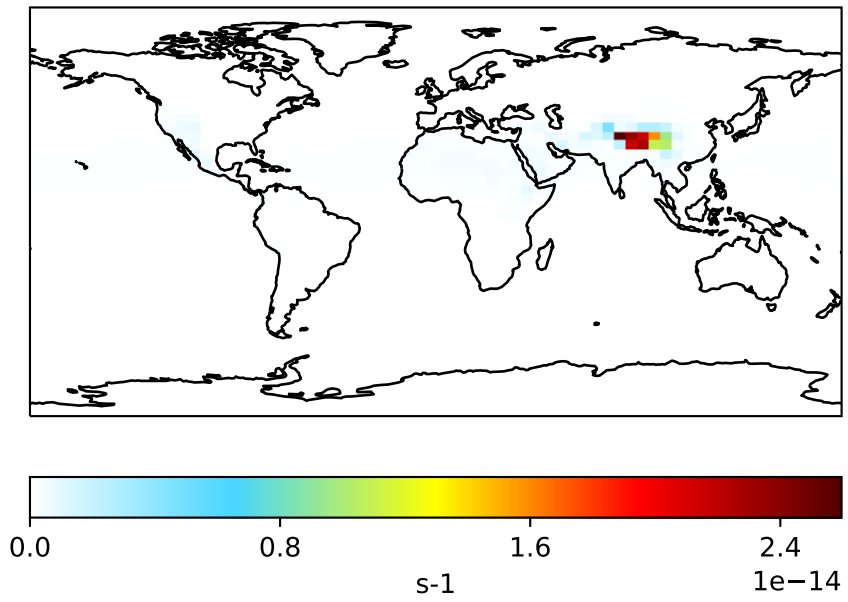


# Jval_CFC11 (Jul2019)

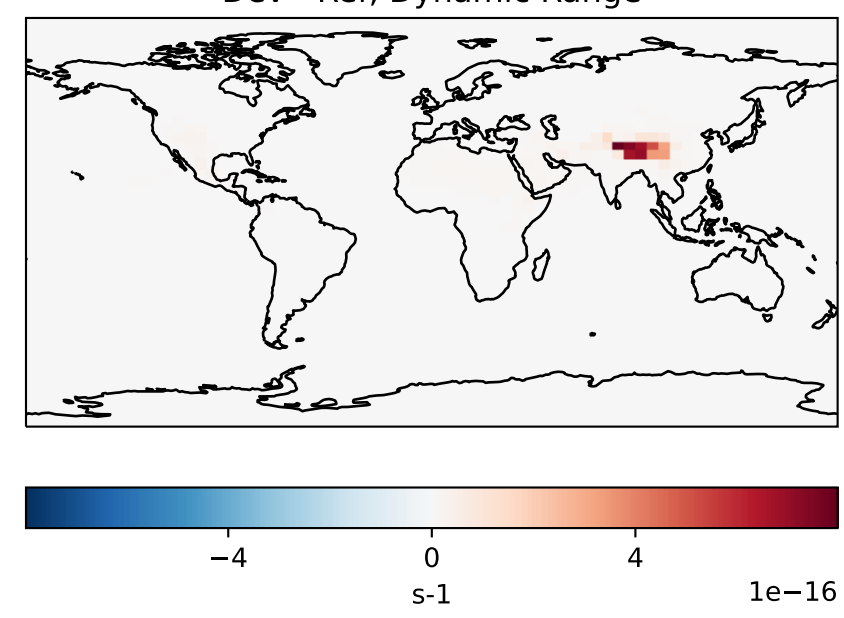
GCC_13.0.0 (Ref)
4.0x5.0



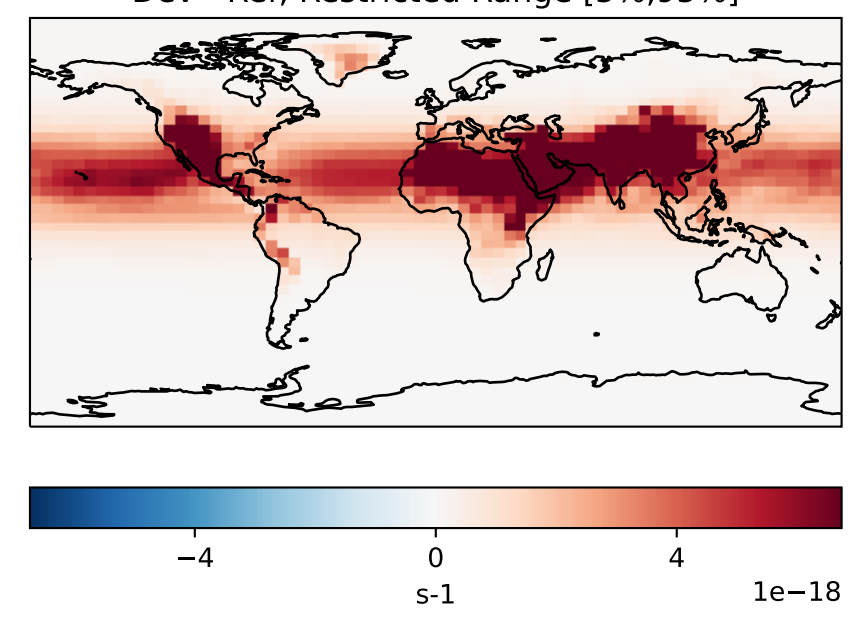

GCC_13.2.0 (Dev)
4.0x5.0



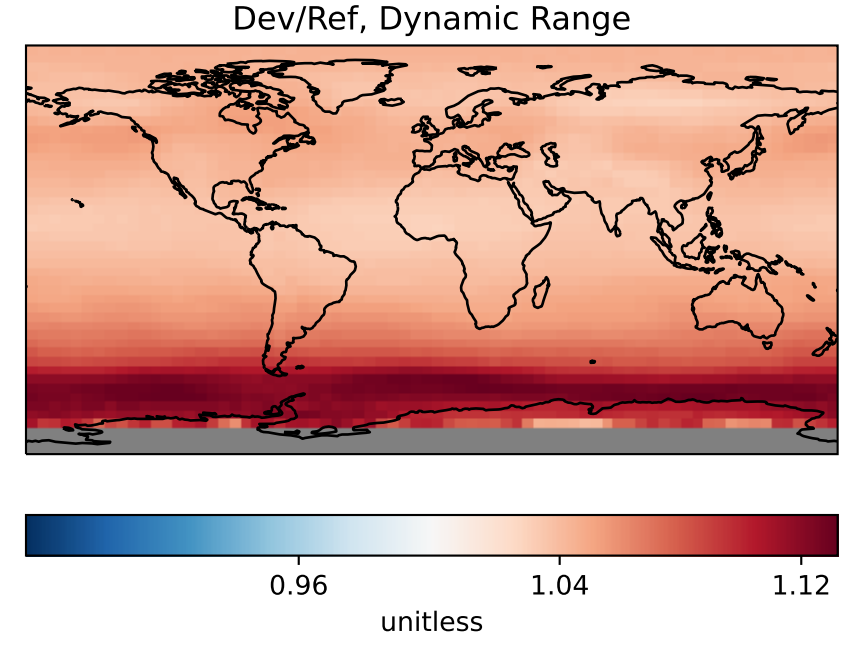

Difference
Dev - Ref, Dynamic Range



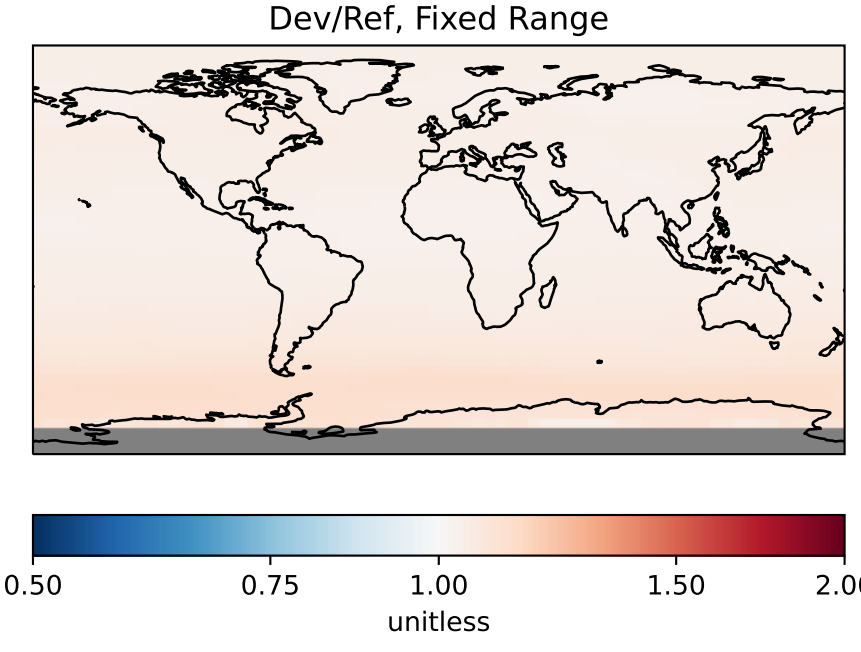

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

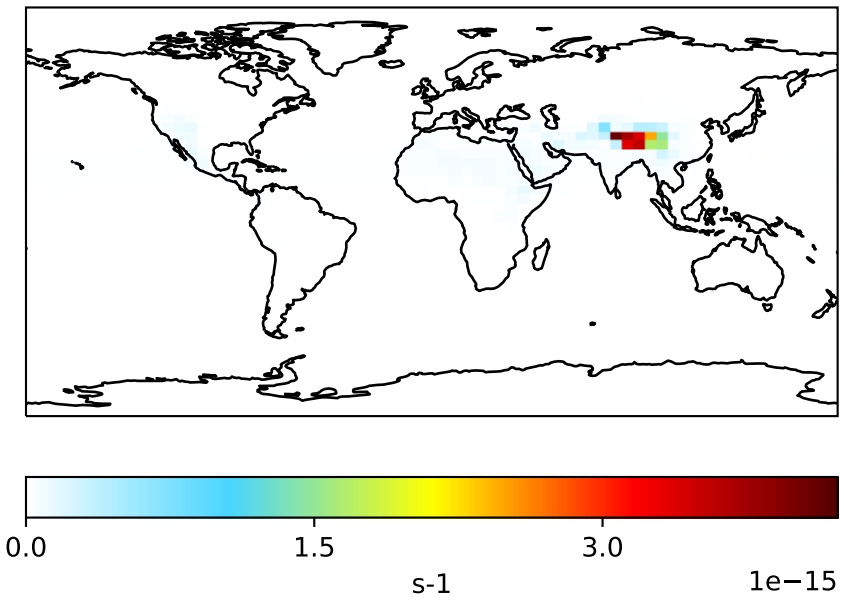



Ratio
Dev/Ref, Fixed Range

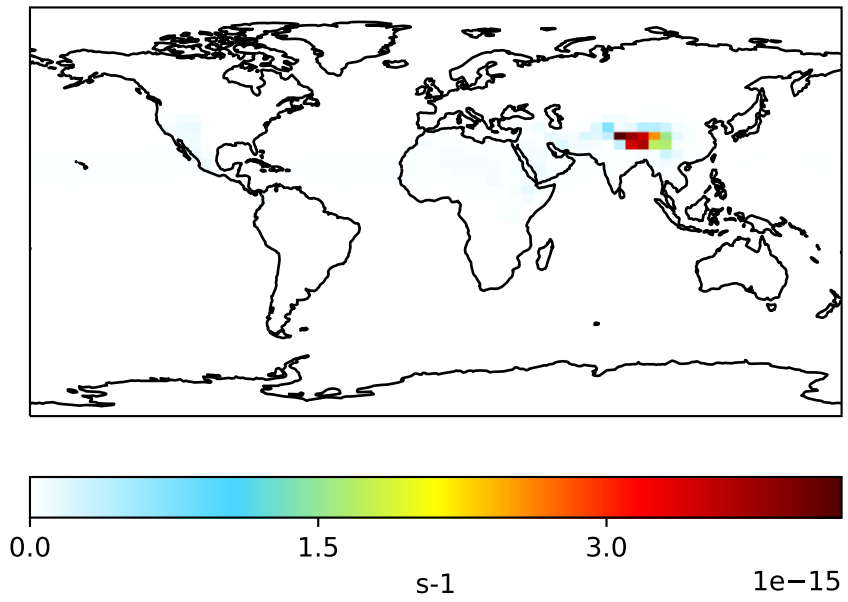


# Jval_CFC113 (Jul2019)

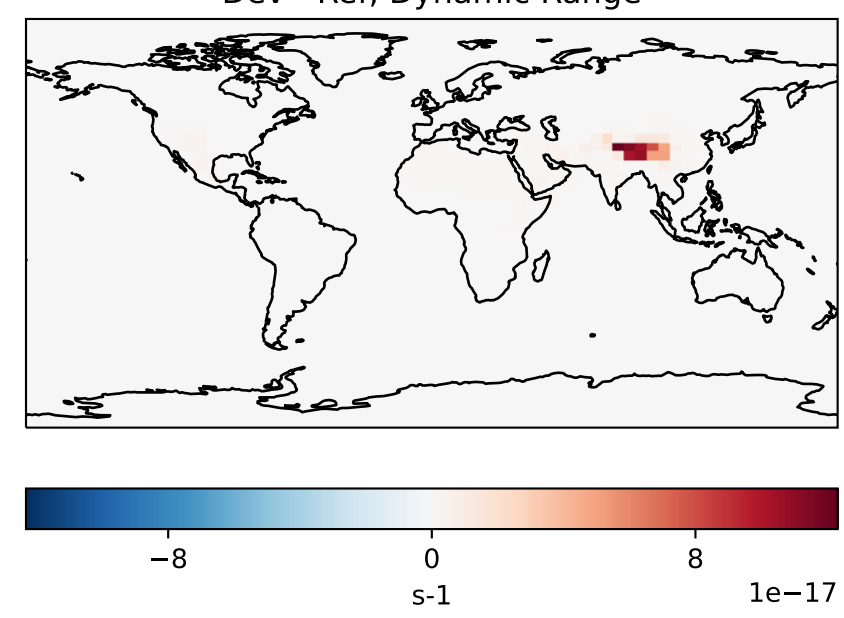
GCC_13.0.0 (Ref)
4.0x5.0



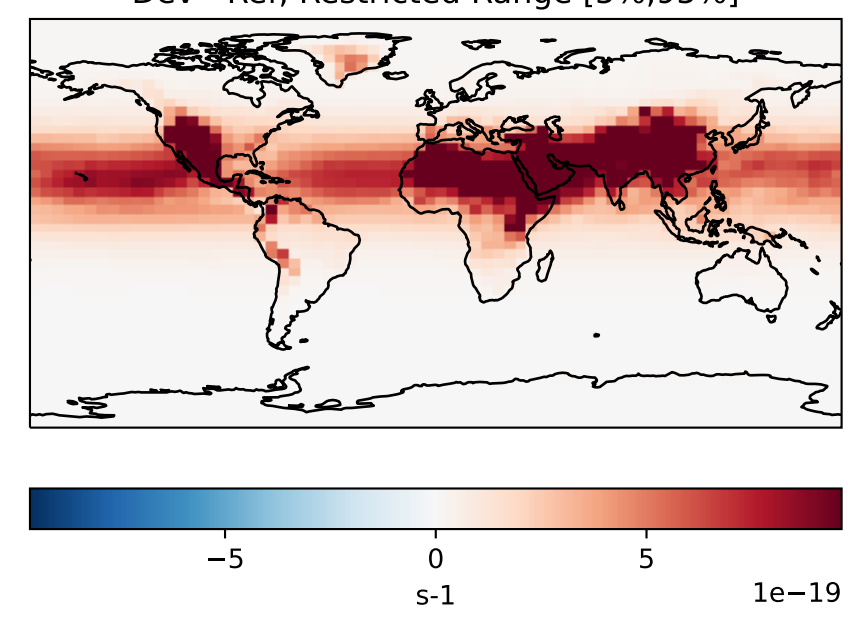

GCC_13.2.0 (Dev)
4.0x5.0



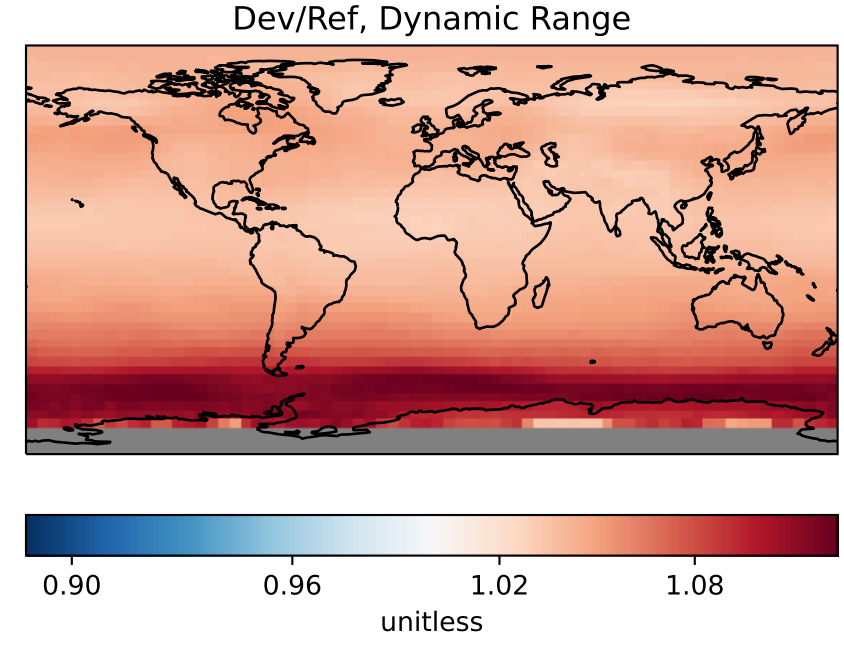

Difference
Dev - Ref, Dynamic Range



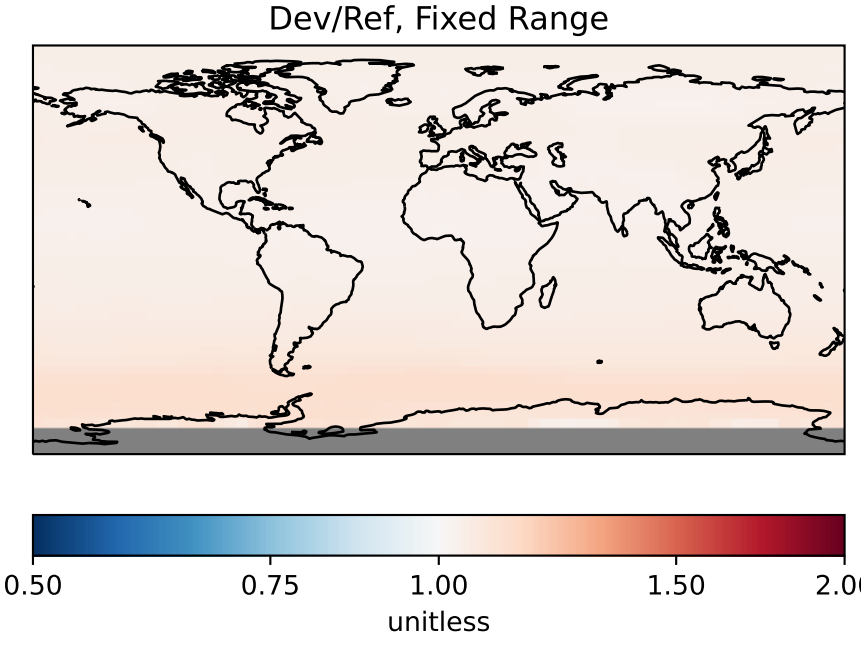

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

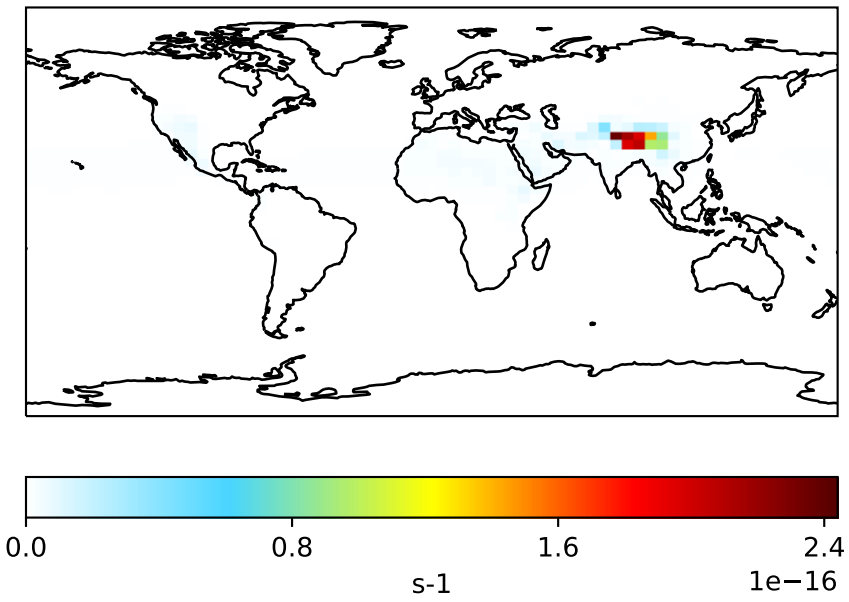



Ratio
Dev/Ref, Fixed Range

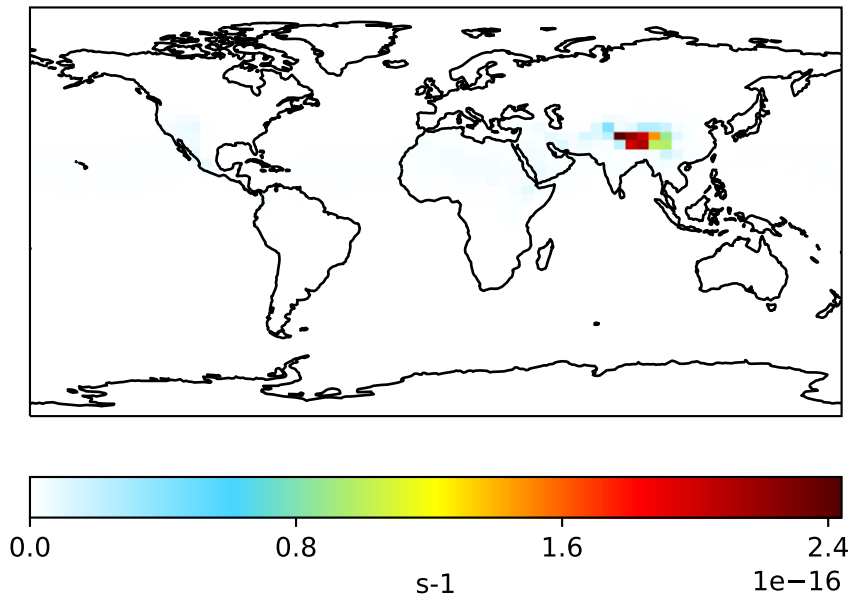


# Jval_CFC114 (Jul2019)

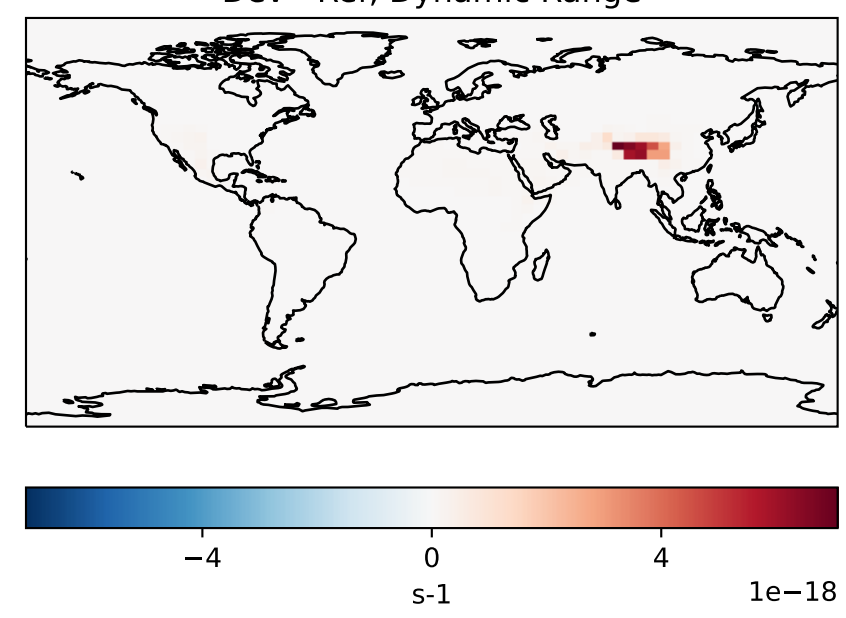
GCC_13.0.0 (Ref)
4.0x5.0



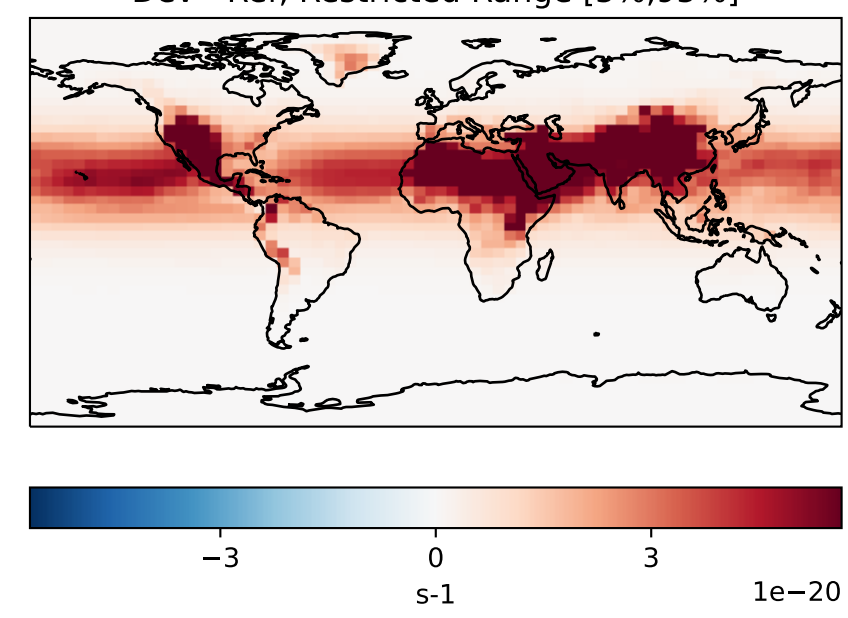

GCC_13.2.0 (Dev)
4.0x5.0



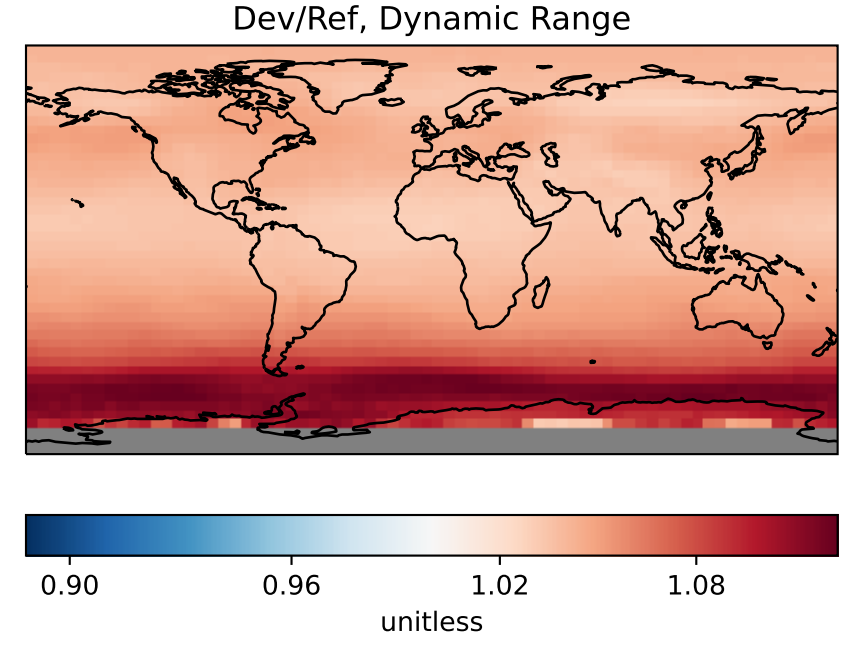

Difference
Dev - Ref, Dynamic Range



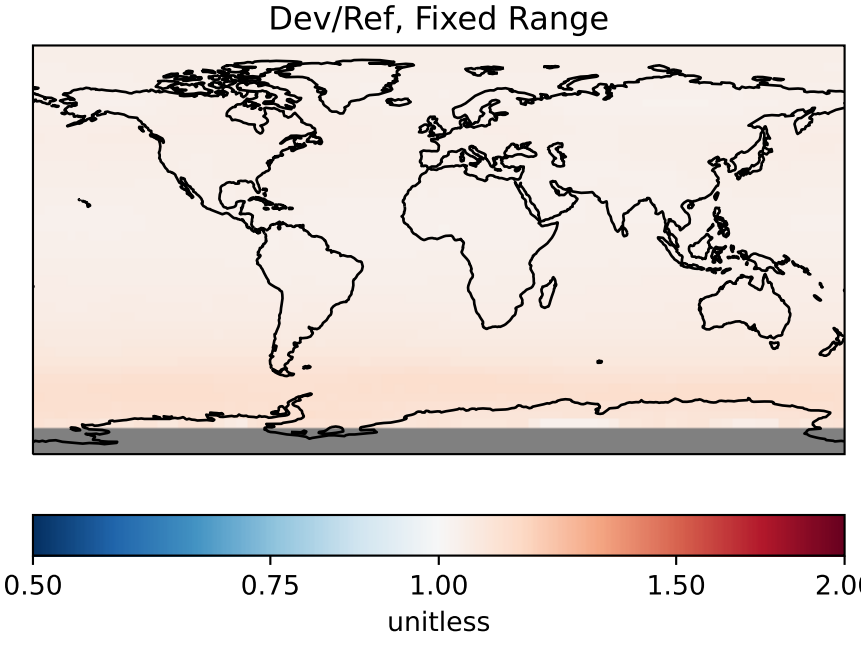

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

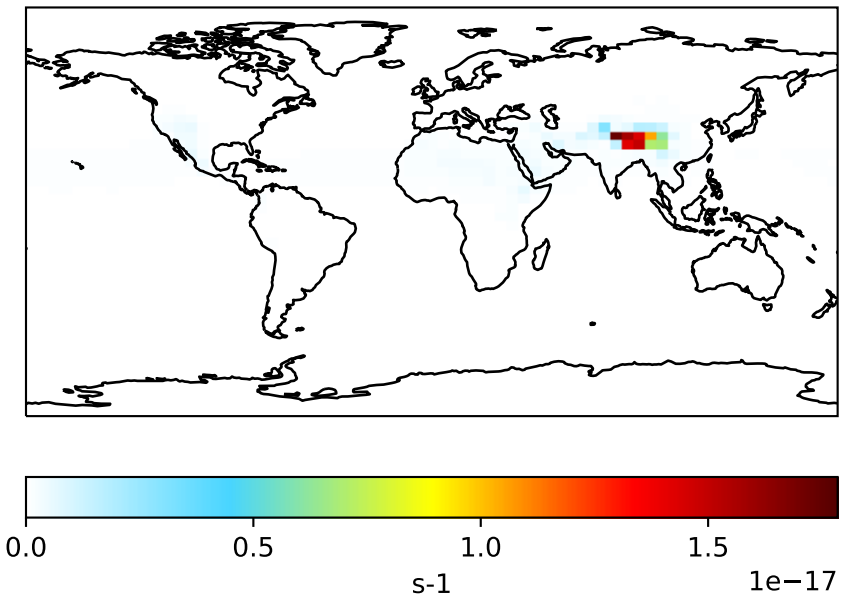



Ratio
Dev/Ref, Fixed Range

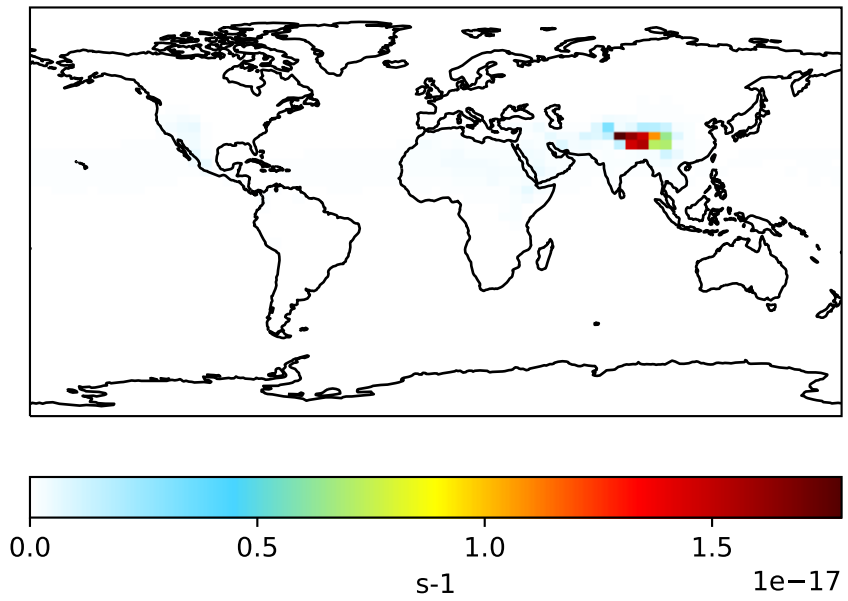


# Jval_CFC115 (Jul2019)

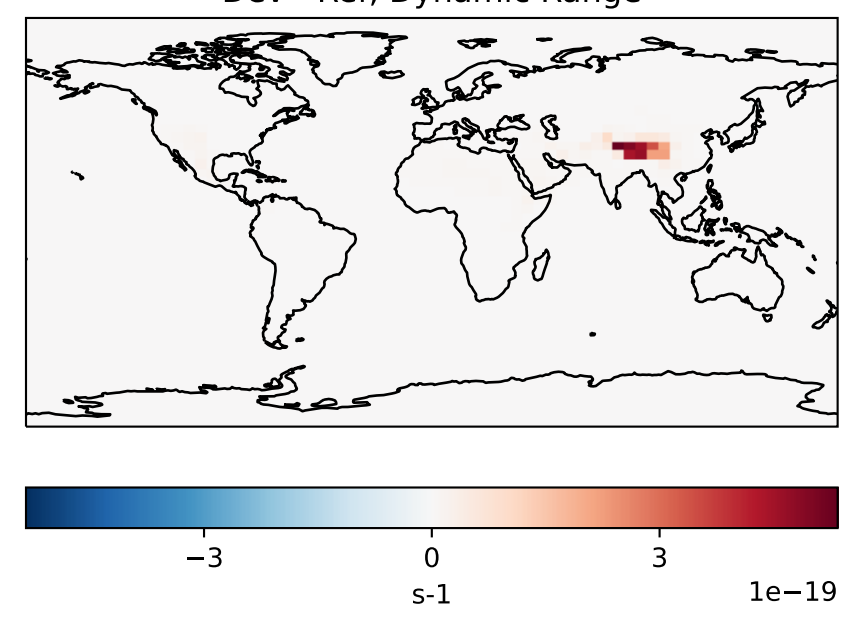
GCC_13.0.0 (Ref)
4.0x5.0



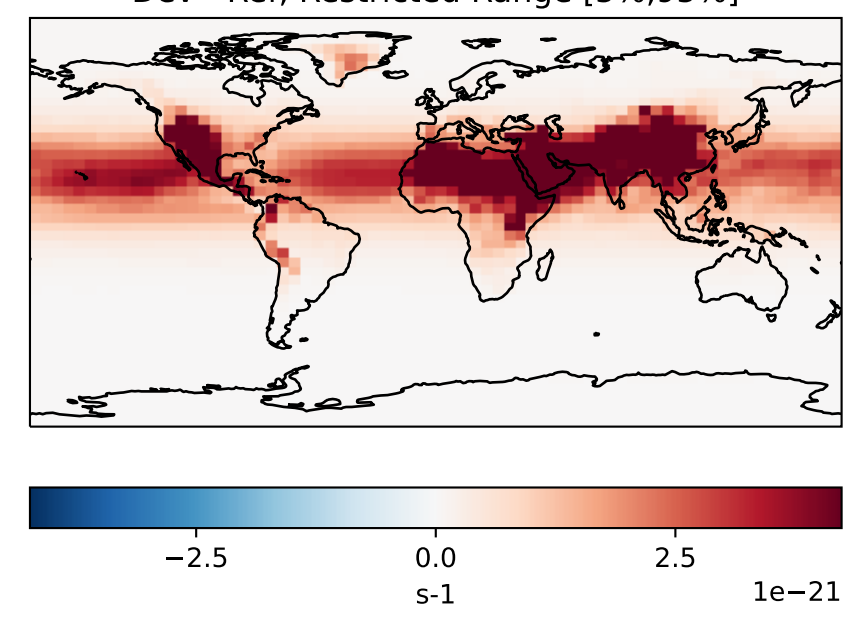

GCC_13.2.0 (Dev)
4.0x5.0



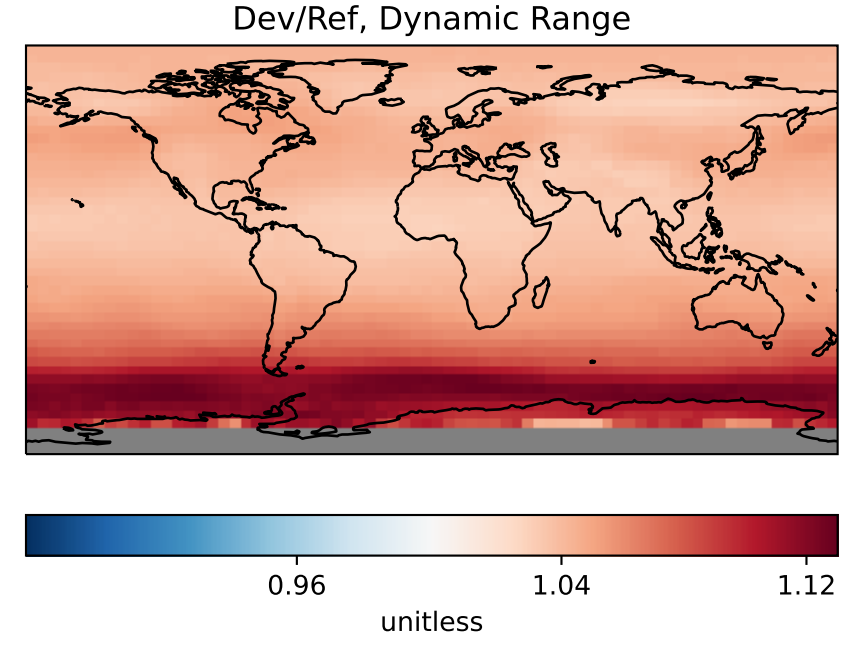

Difference
Dev - Ref, Dynamic Range



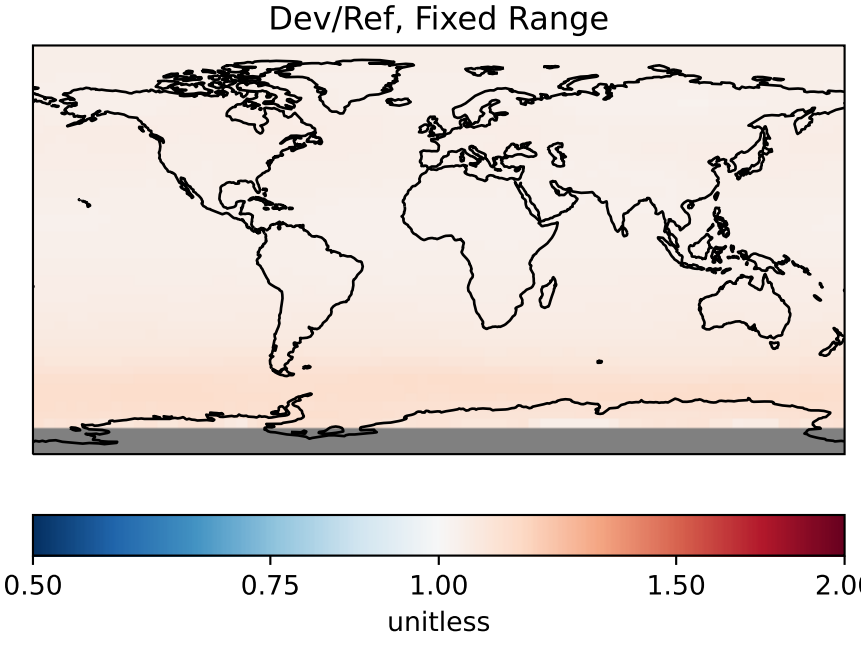

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

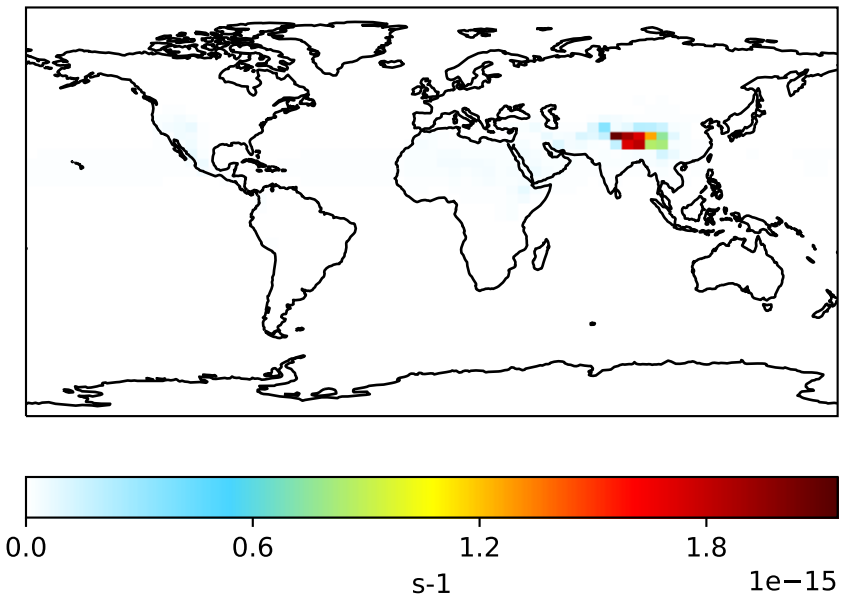



Ratio
Dev/Ref, Fixed Range

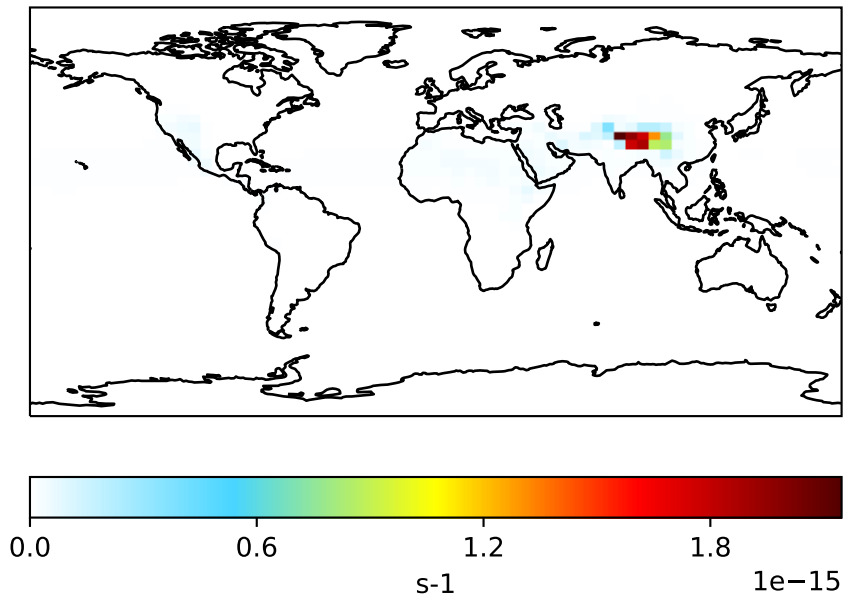


# Jval_CFC12 (Jul2019)

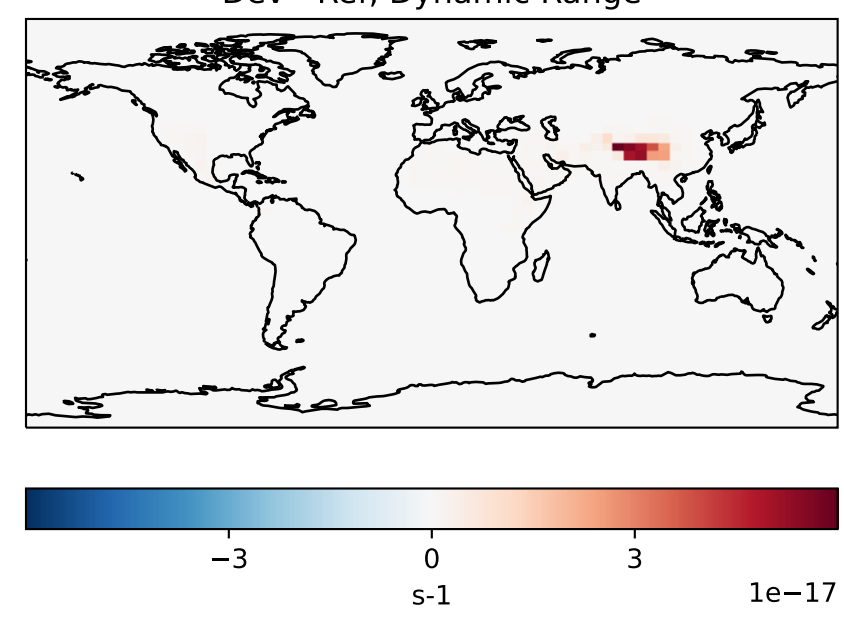
GCC_13.0.0 (Ref)
4.0x5.0



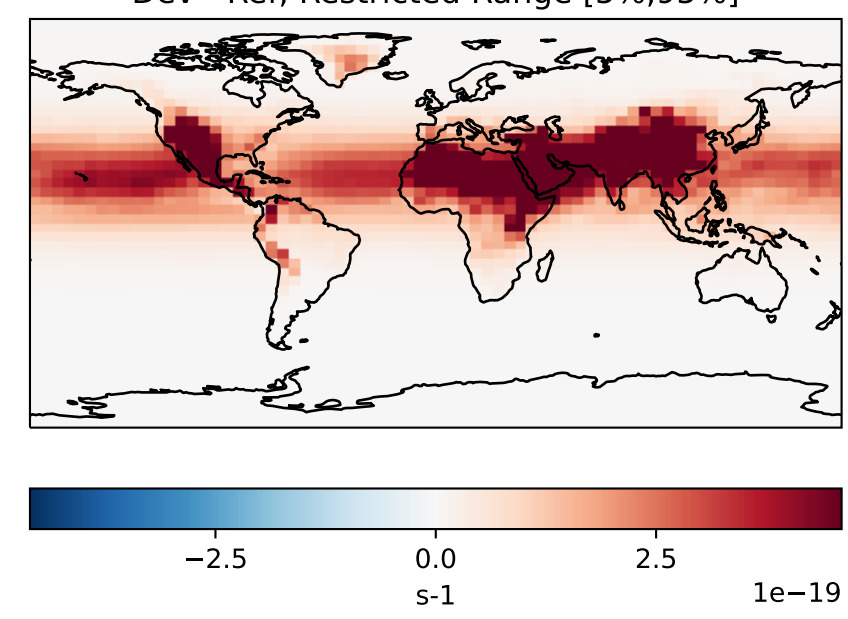

GCC_13.2.0 (Dev)
4.0x5.0



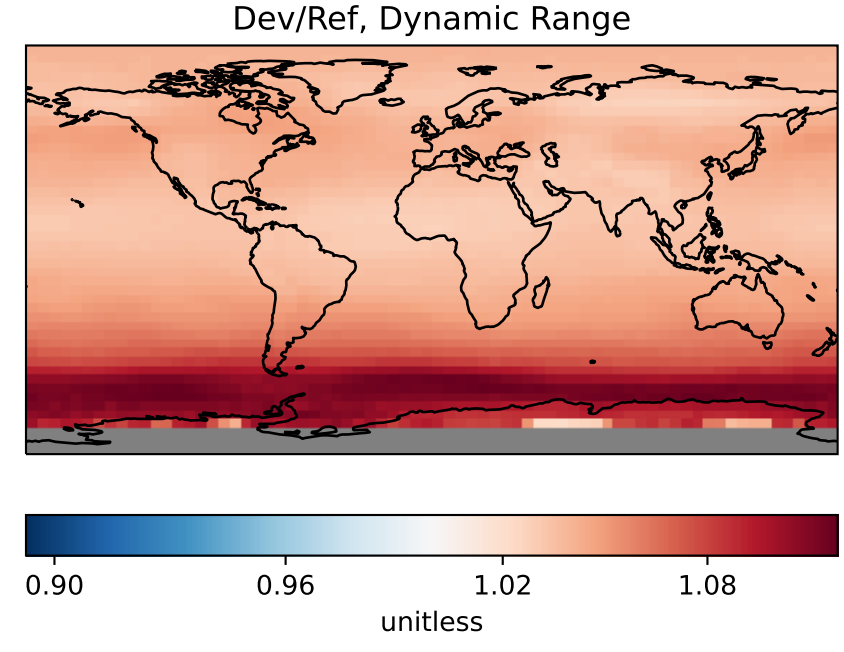

Difference
Dev - Ref, Dynamic Range



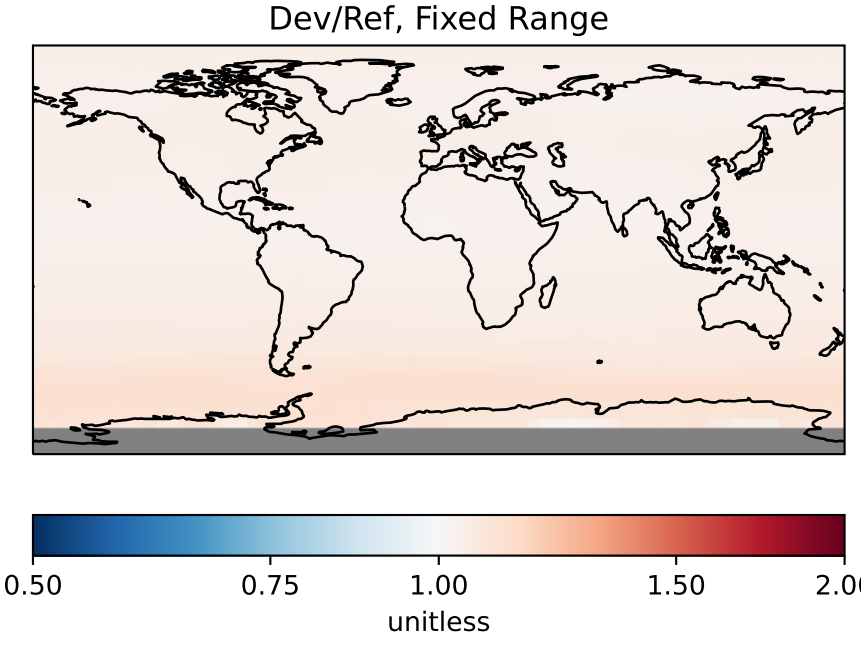

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

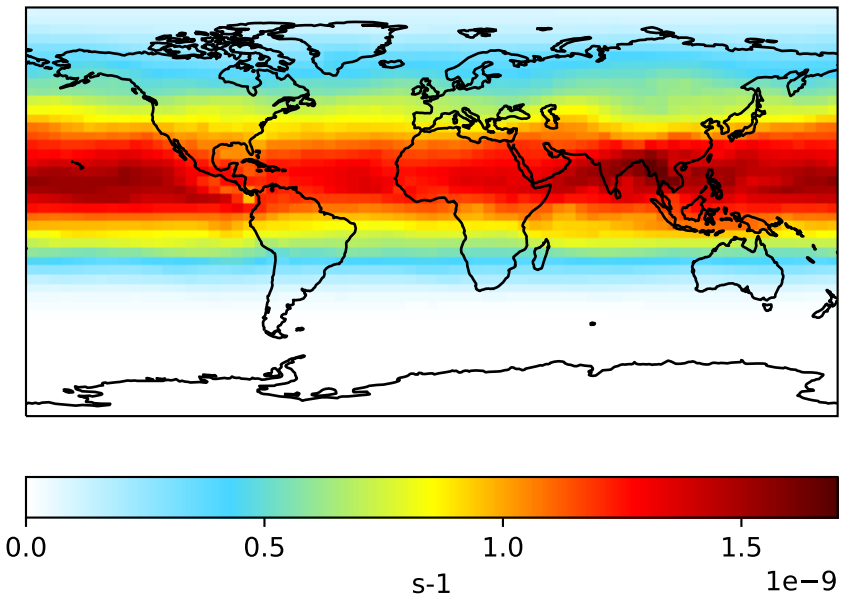



Ratio
Dev/Ref, Fixed Range

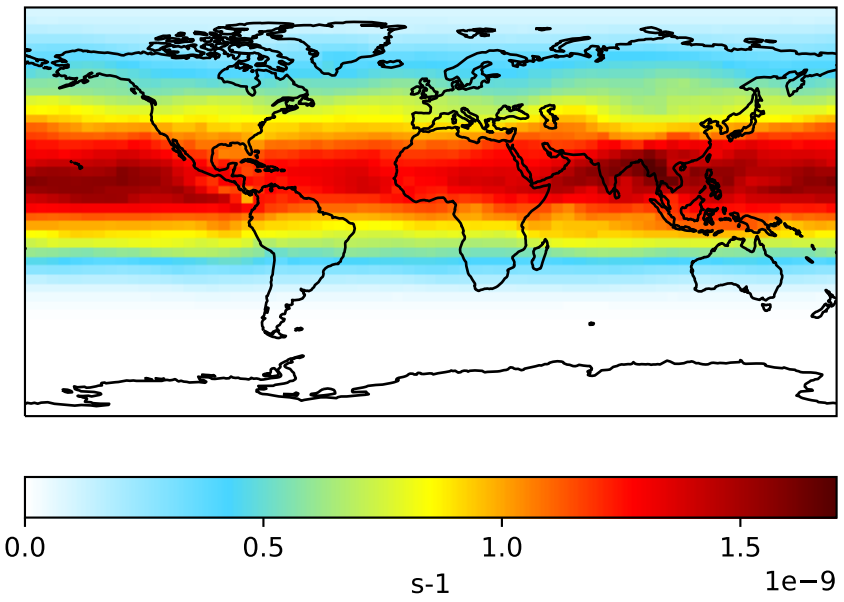


# Jval_CH2Br2 (Jul2019)

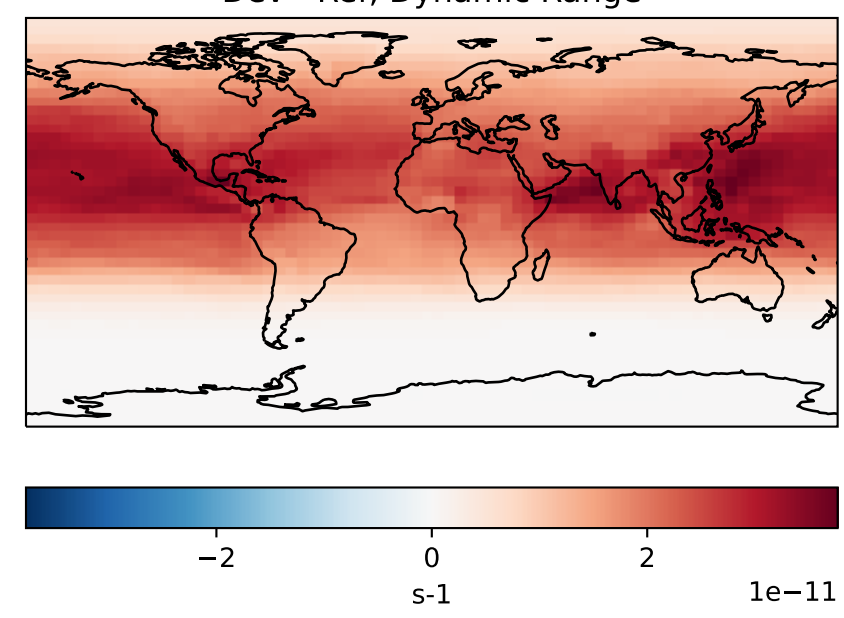
GCC_13.0.0 (Ref)
4.0x5.0



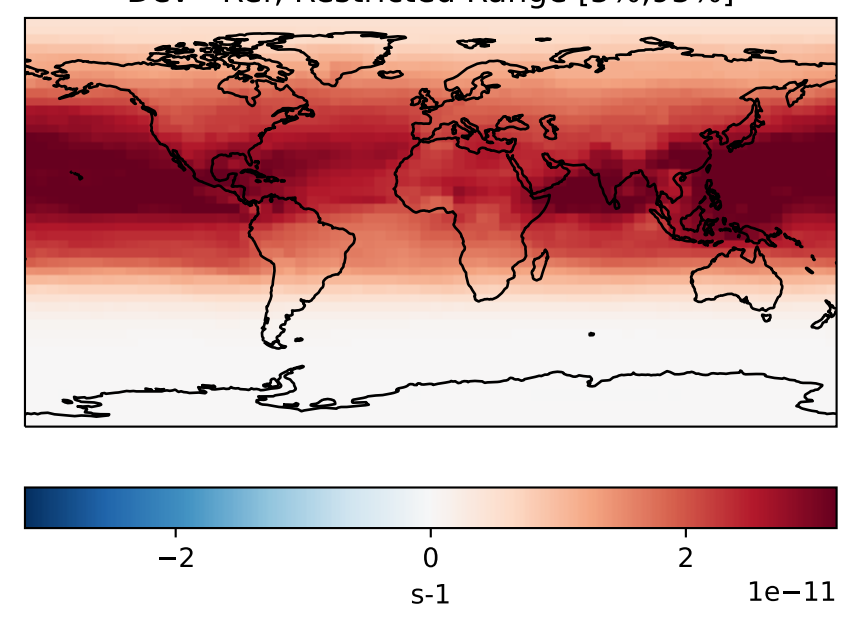

GCC_13.2.0 (Dev)
4.0x5.0



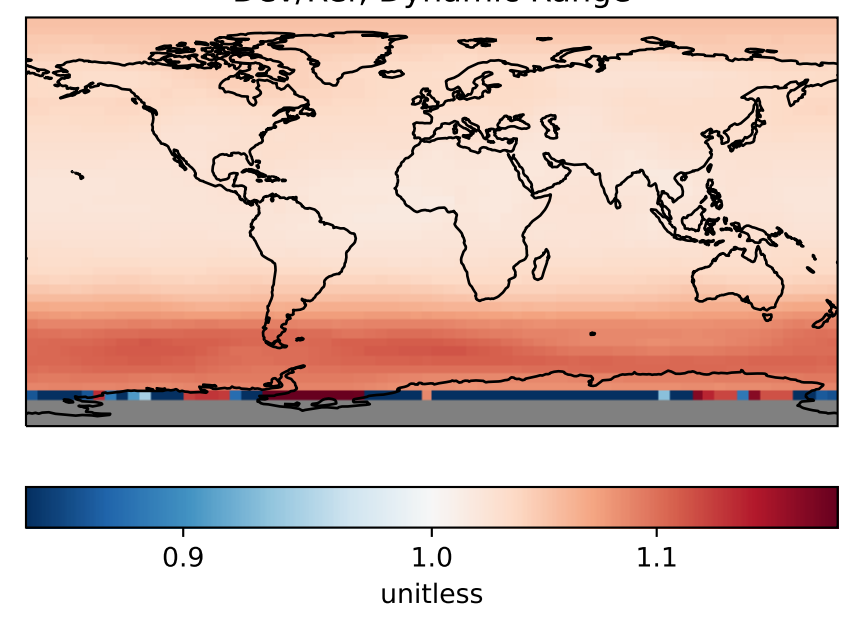

Difference
Dev - Ref, Dynamic Range



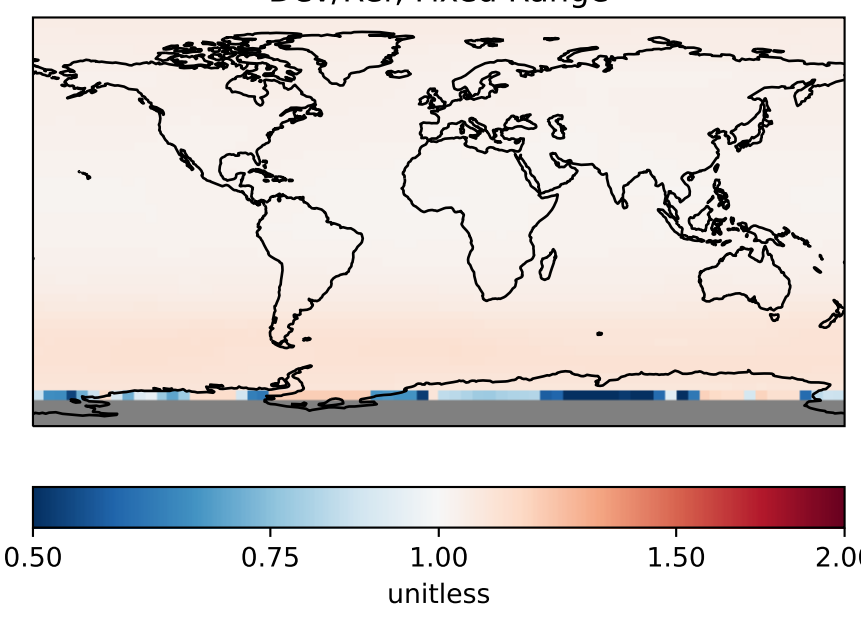

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

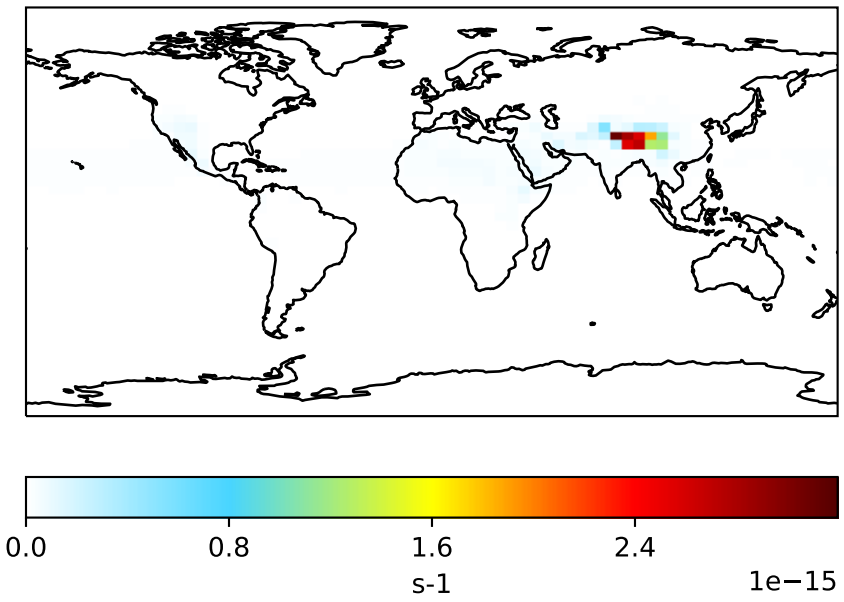



Ratio
Dev/Ref, Fixed Range

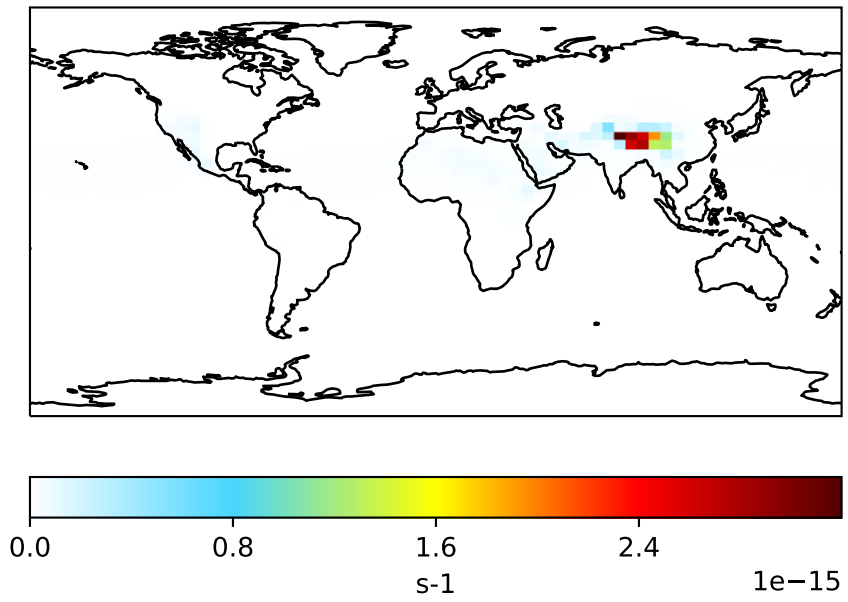


# Jval_CH2Cl2 (Jul2019)

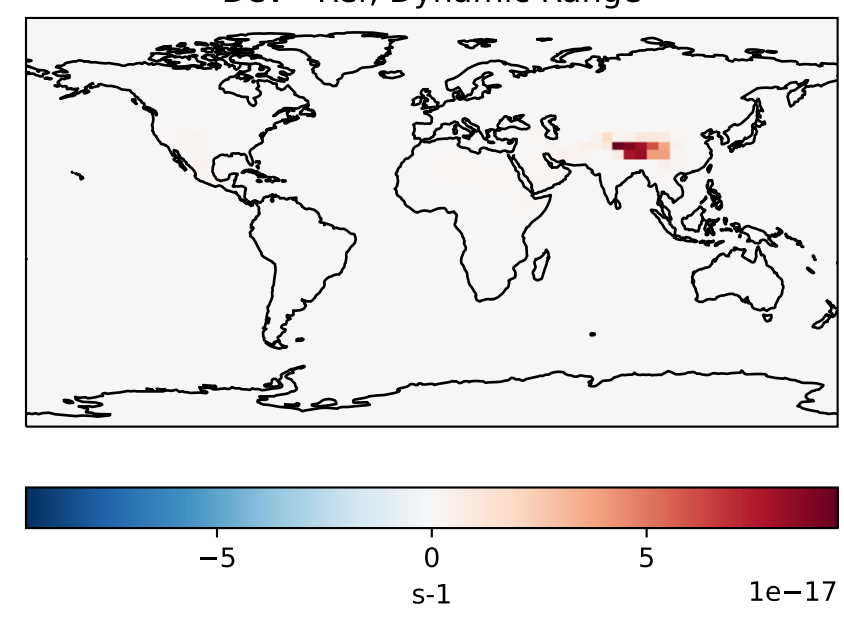
GCC_13.0.0 (Ref)
4.0x5.0



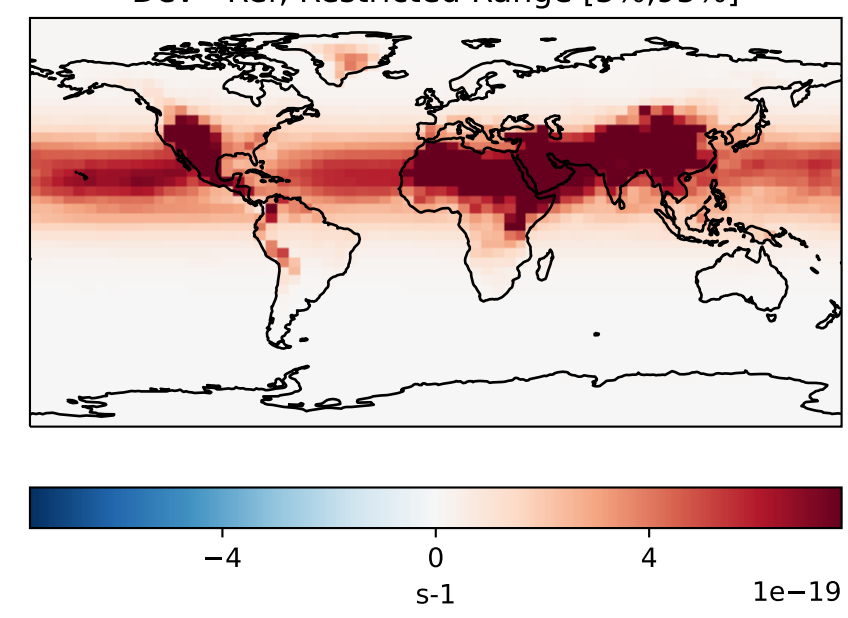

GCC_13.2.0 (Dev)
4.0x5.0



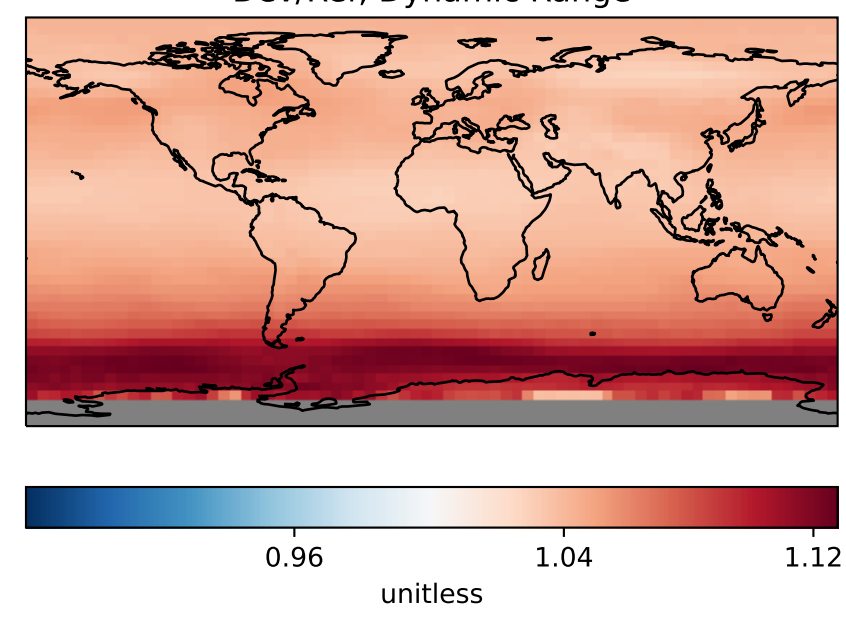

Difference
Dev - Ref, Dynamic Range



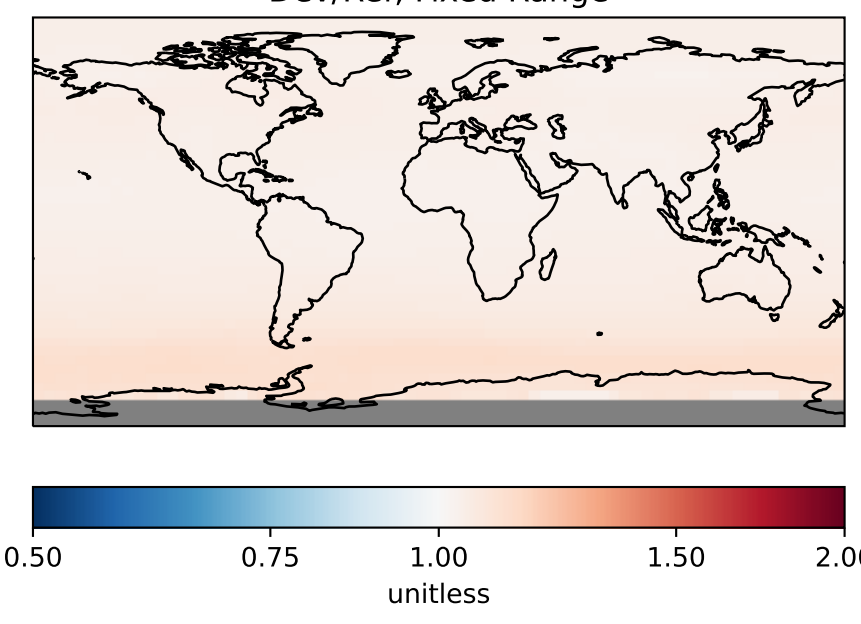

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

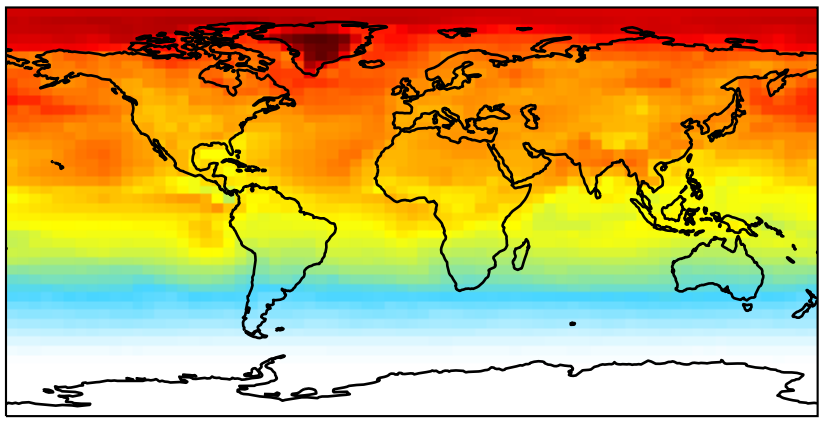


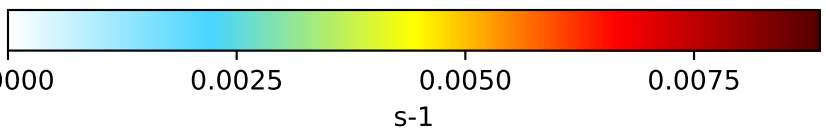

Ratio
Dev/Ref, Fixed Range



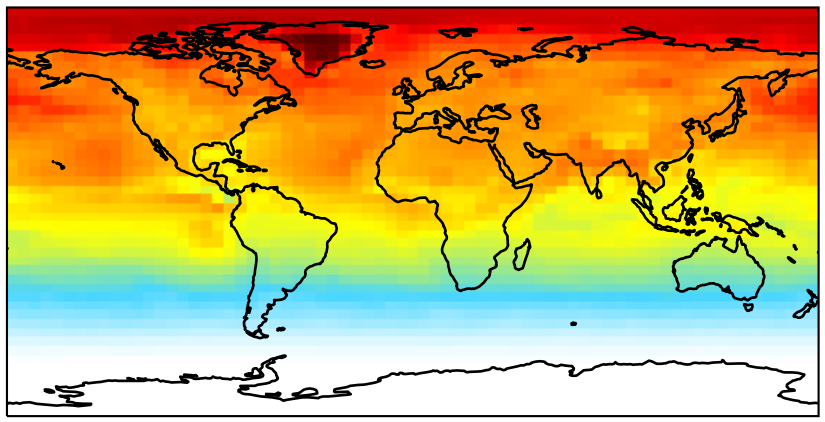
# Jval_CH2I2 (Jul2019)

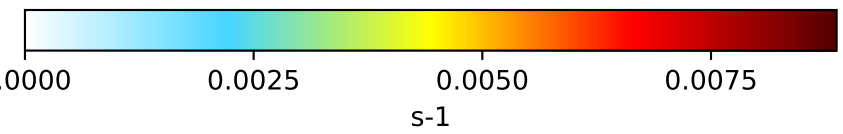
GCC_13.0.0 (Ref)
4.0x5.0



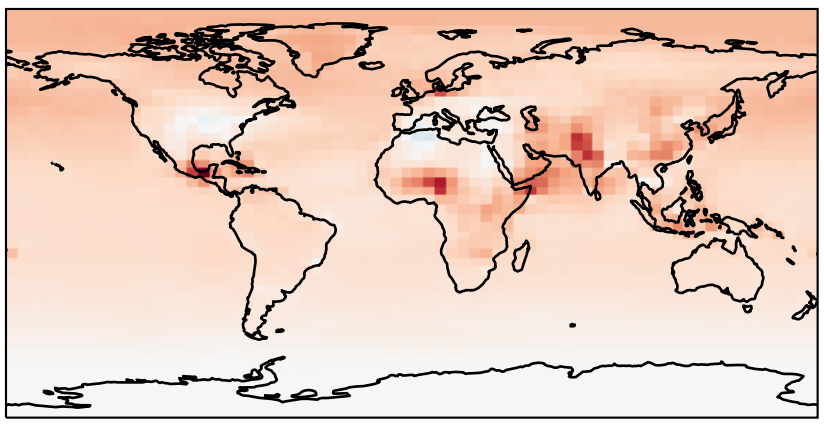


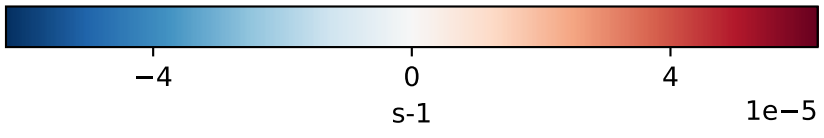

GCC_13.2.0 (Dev)
4.0x5.0



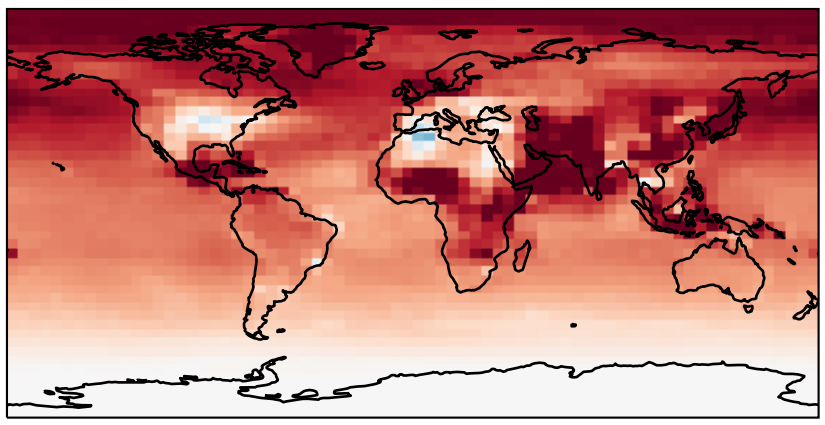


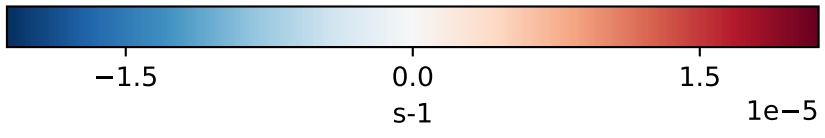

Difference
Dev - Ref, Dynamic Range



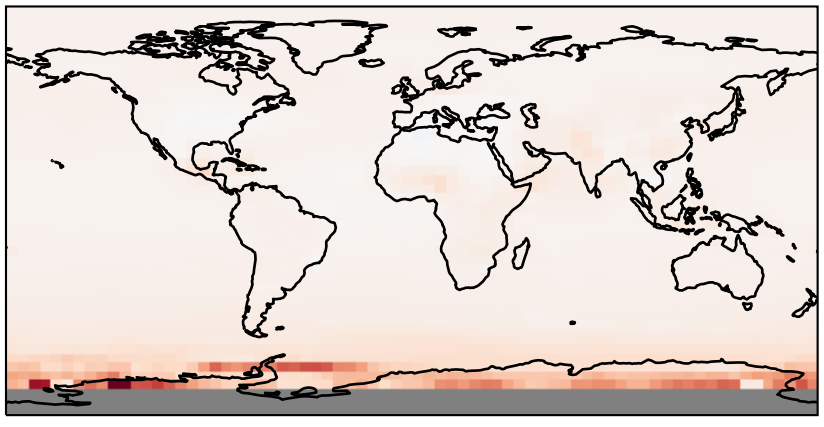



Difference
Dev - Ref, Restricted Range [5%,95%]





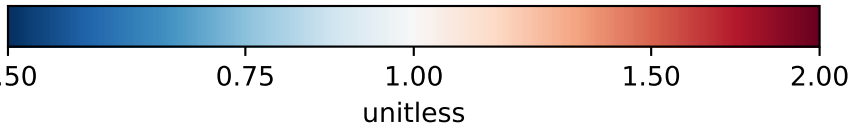

Ratio
Dev/Ref, Dynamic Range





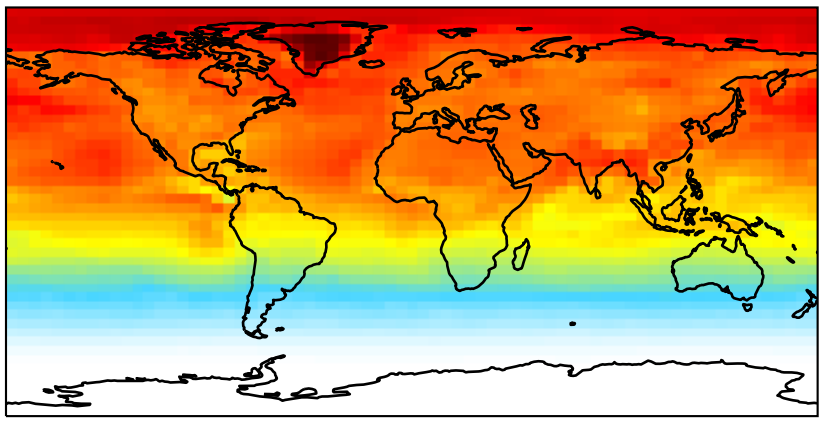

Ratio
Dev/Ref, Fixed Range

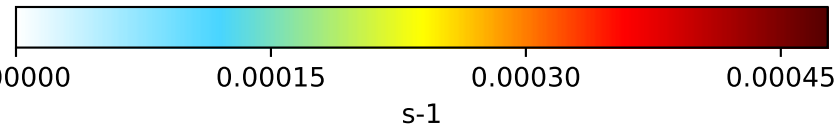




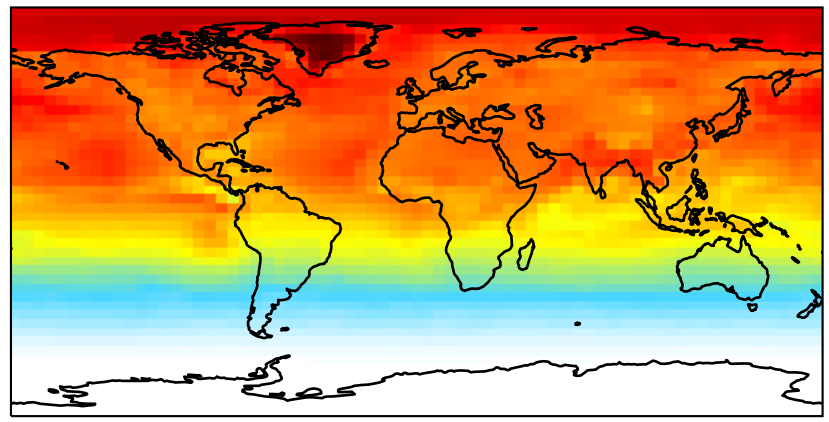
# Jval_CH2IBr (Jul2019)

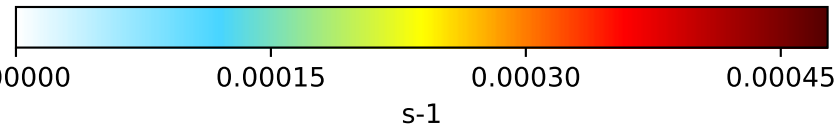
GCC_13.0.0 (Ref)
4.0x5.0



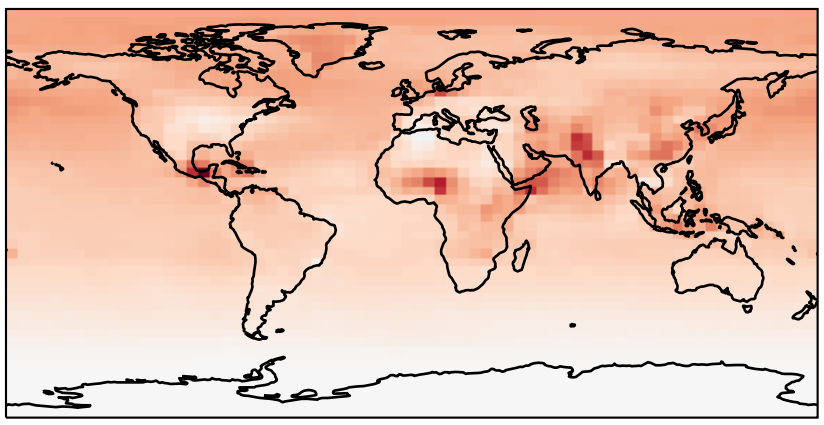


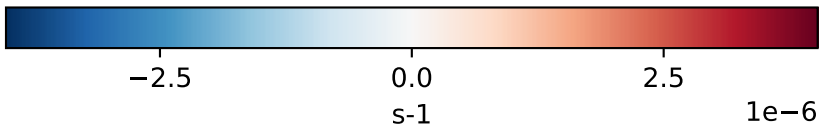

GCC_13.2.0 (Dev)
4.0x5.0



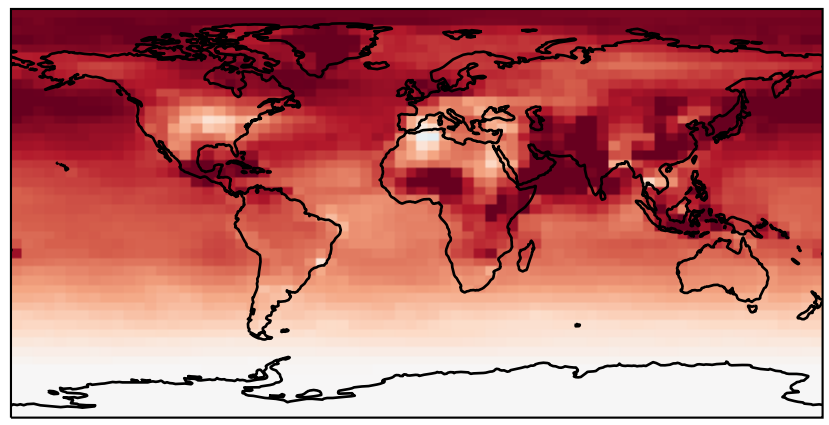


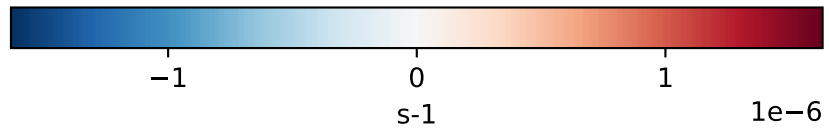

Difference
Dev - Ref, Dynamic Range



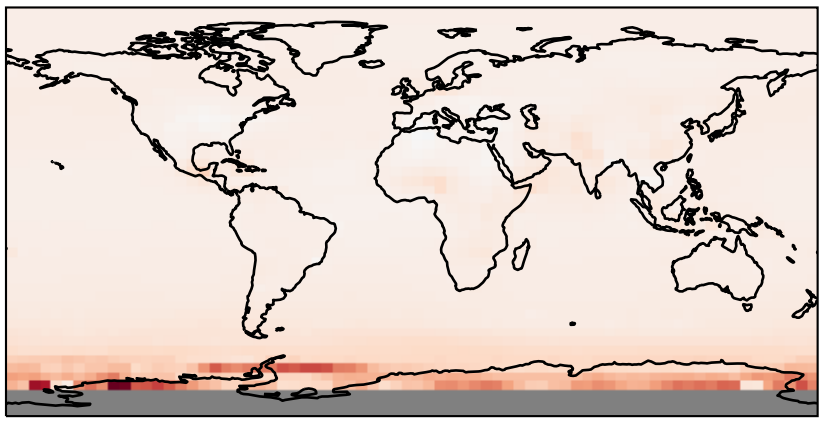


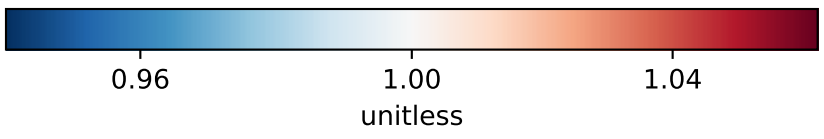

Difference
Dev - Ref, Restricted Range [5%,95%]





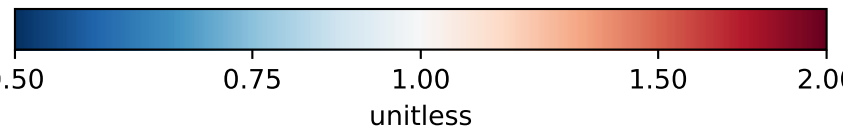

Ratio
Dev/Ref, Dynamic Range





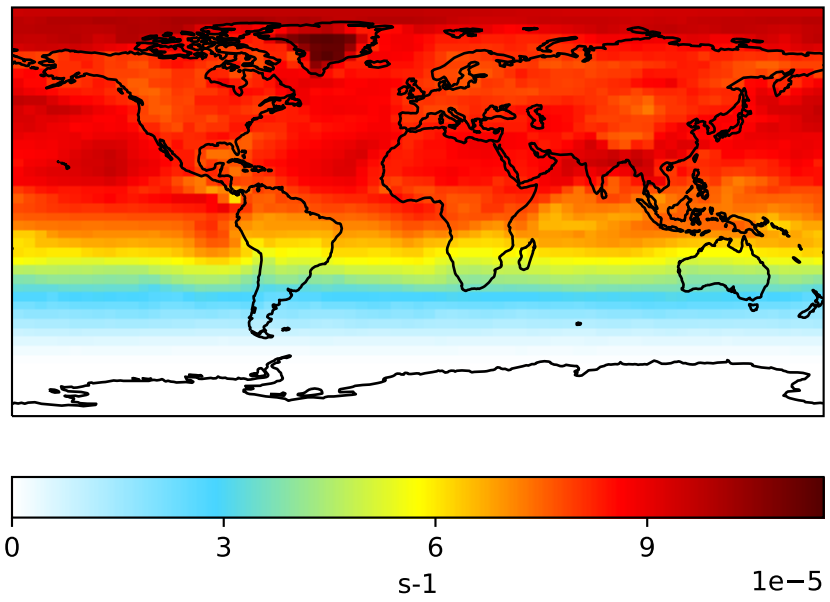

Ratio
Dev/Ref, Fixed Range



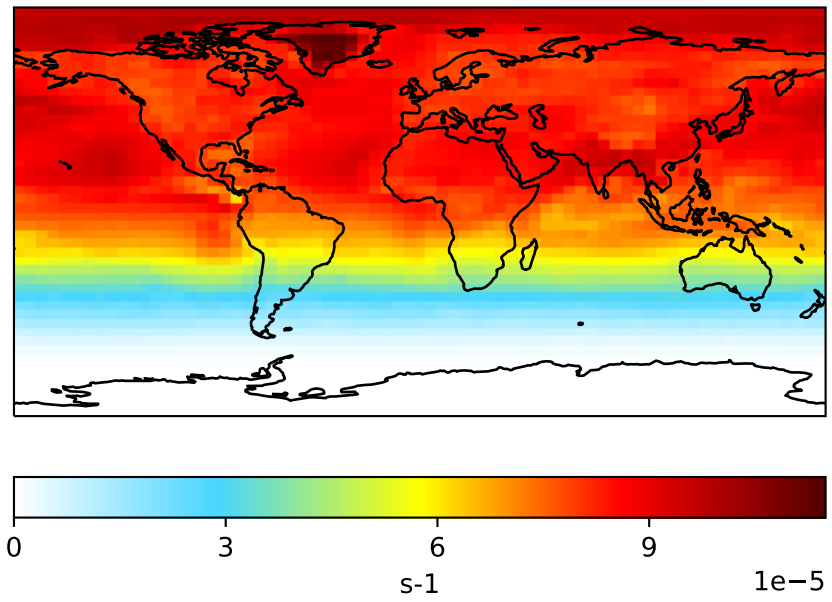


# Jval_CH2ICl (Jul2019)

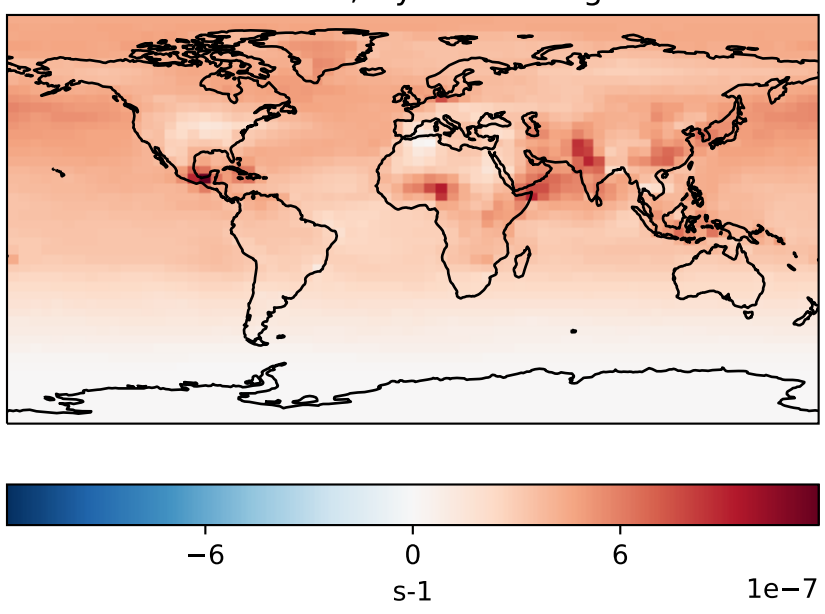
GCC_13.0.0 (Ref)
4.0x5.0



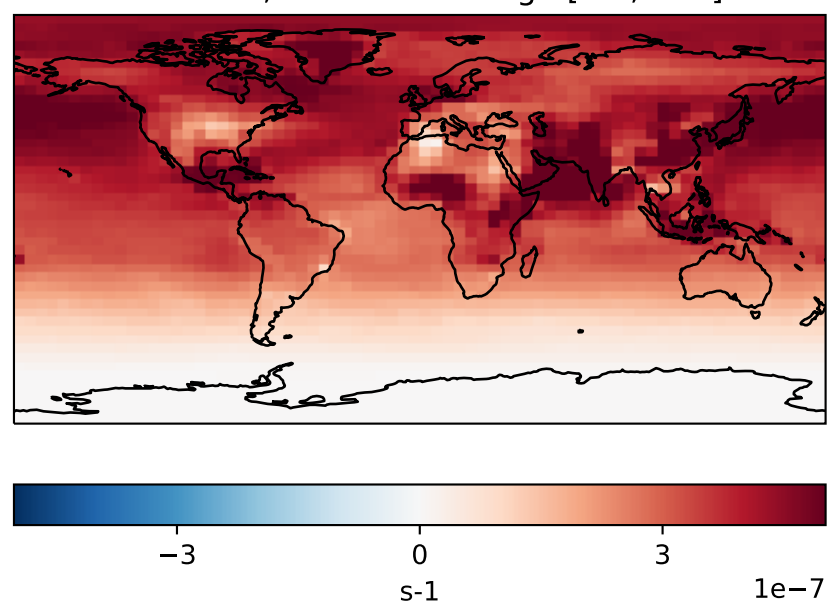

GCC_13.2.0 (Dev)
4.0x5.0



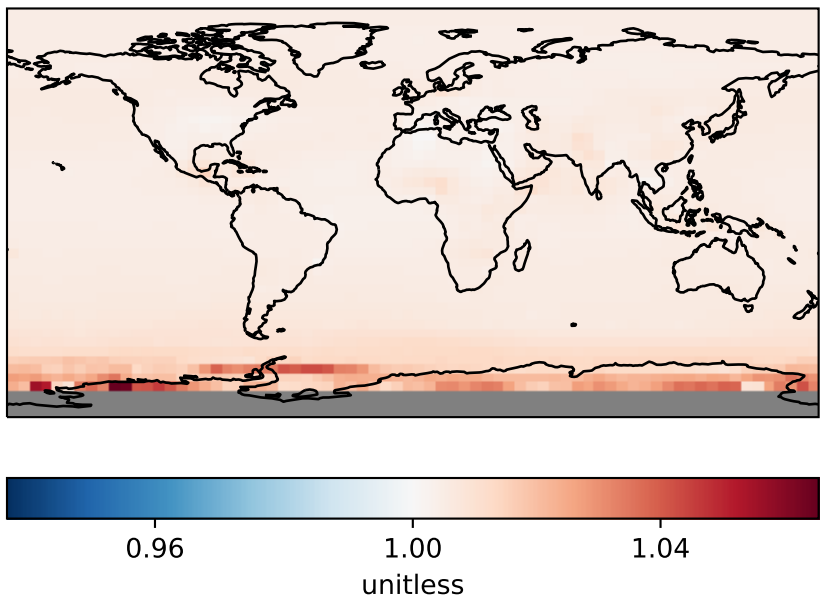

Difference
Dev - Ref, Dynamic Range



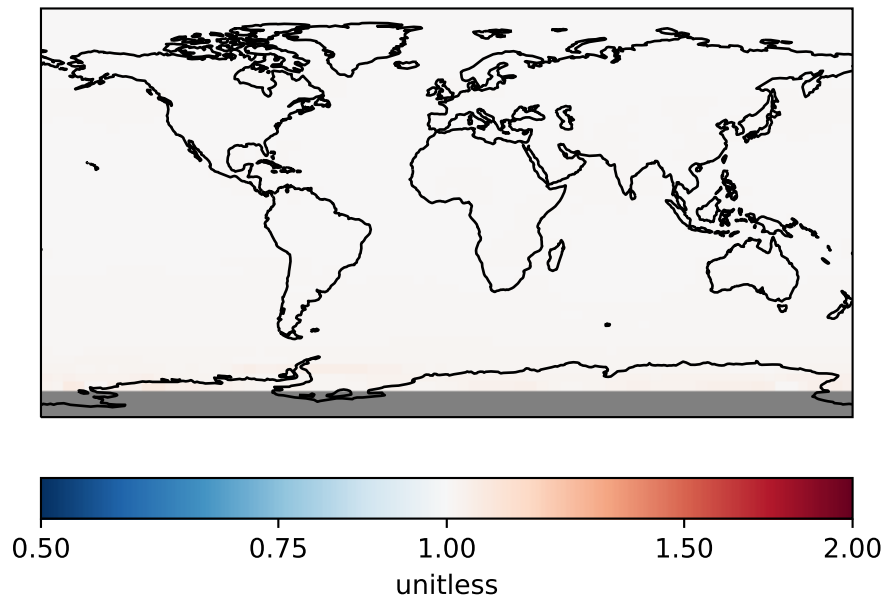

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

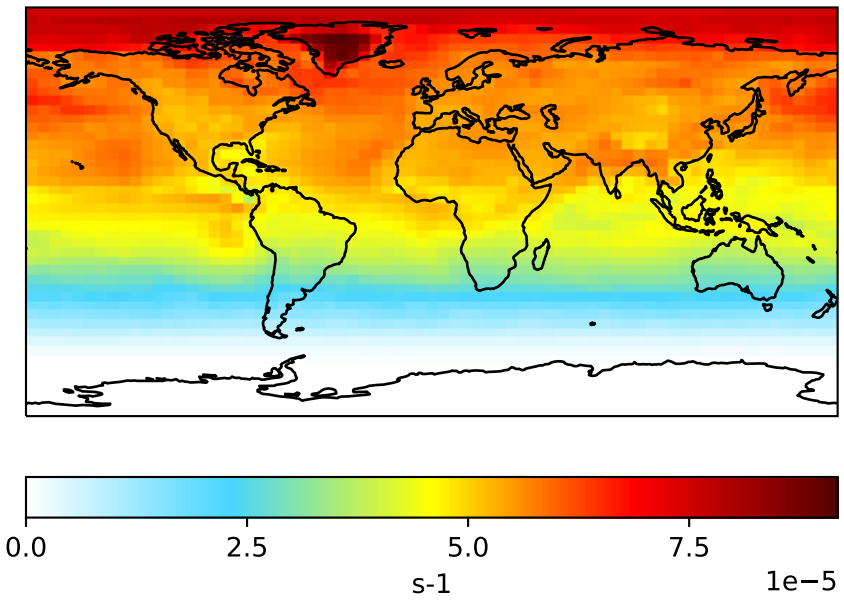



Ratio
Dev/Ref, Fixed Range

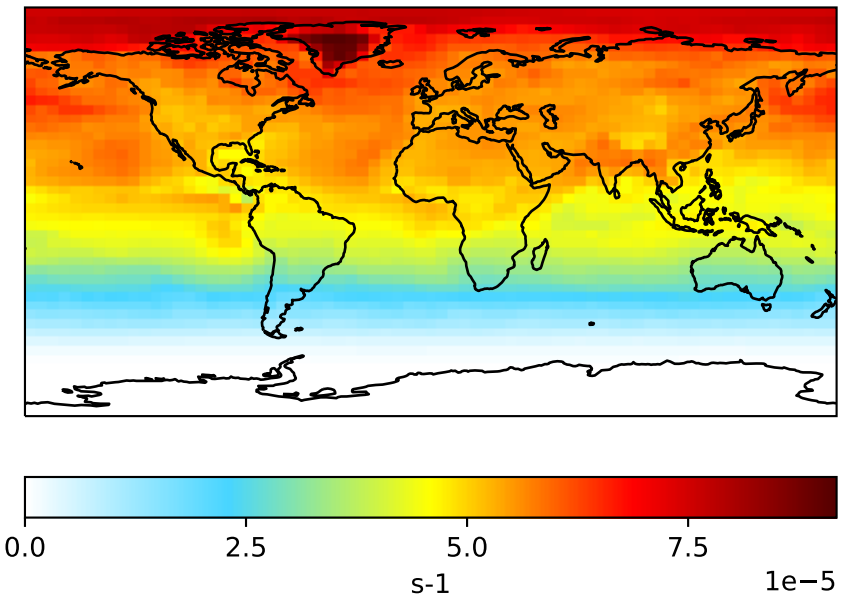


# Jval_CH2O (Jul2019)

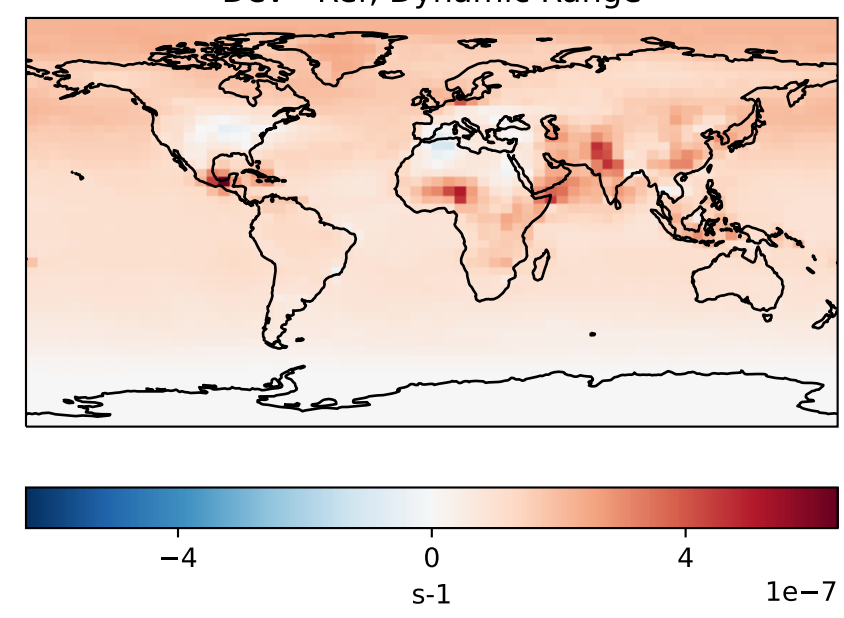
GCC_13.0.0 (Ref)
4.0x5.0



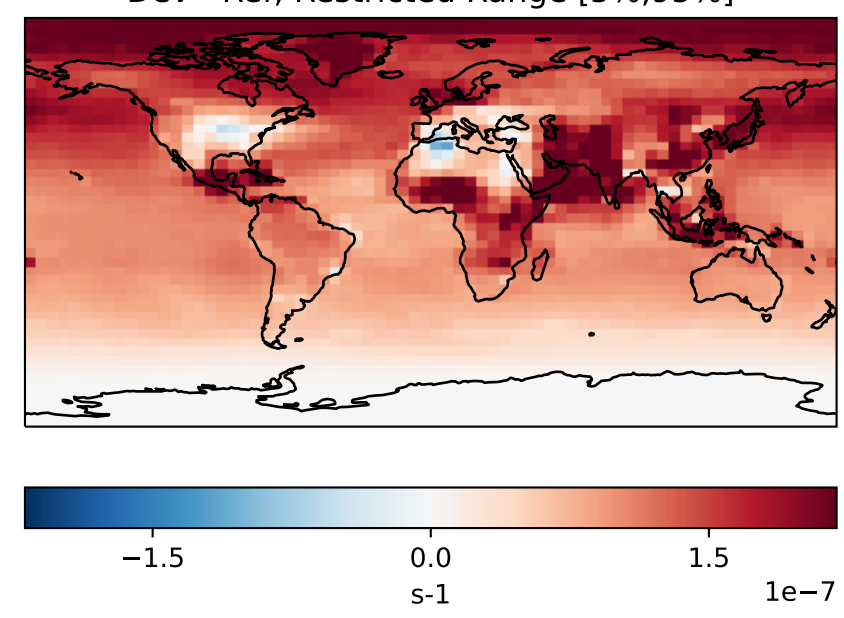

GCC_13.2.0 (Dev)
4.0x5.0



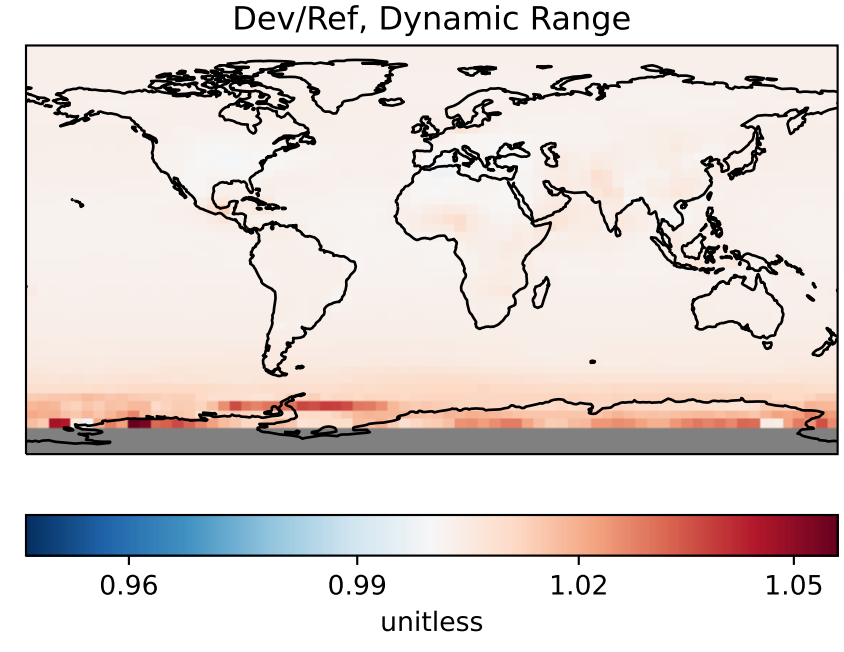

Difference
Dev - Ref, Dynamic Range



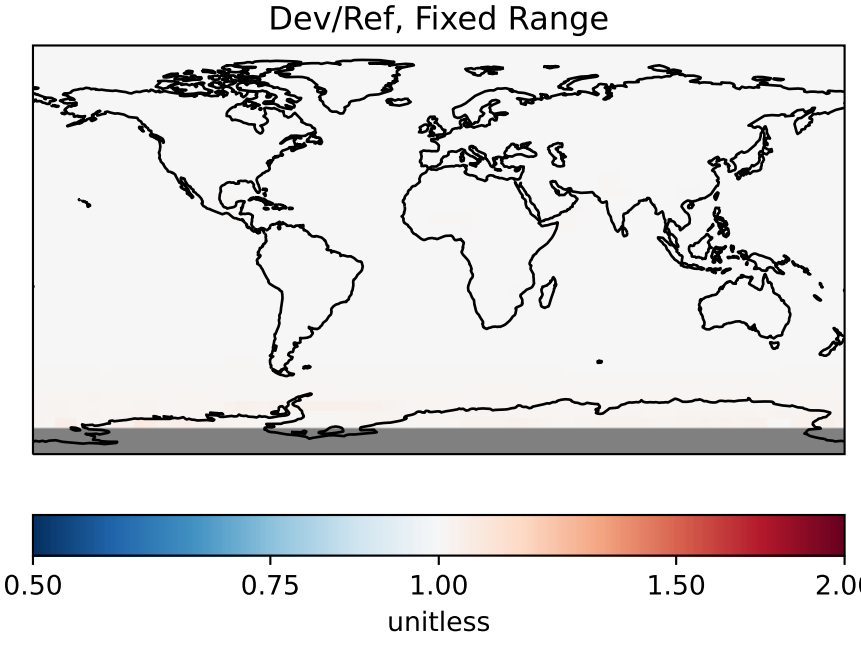

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

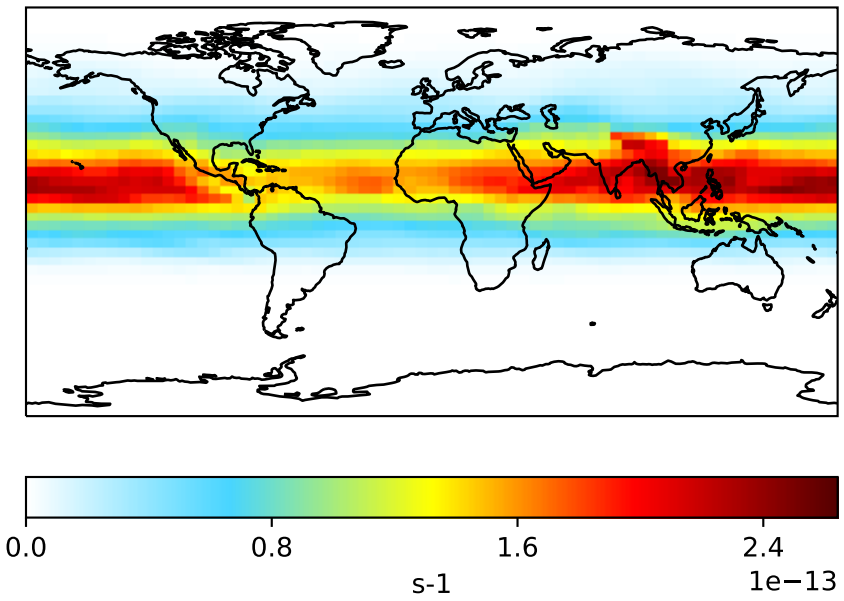



Ratio
Dev/Ref, Fixed Range

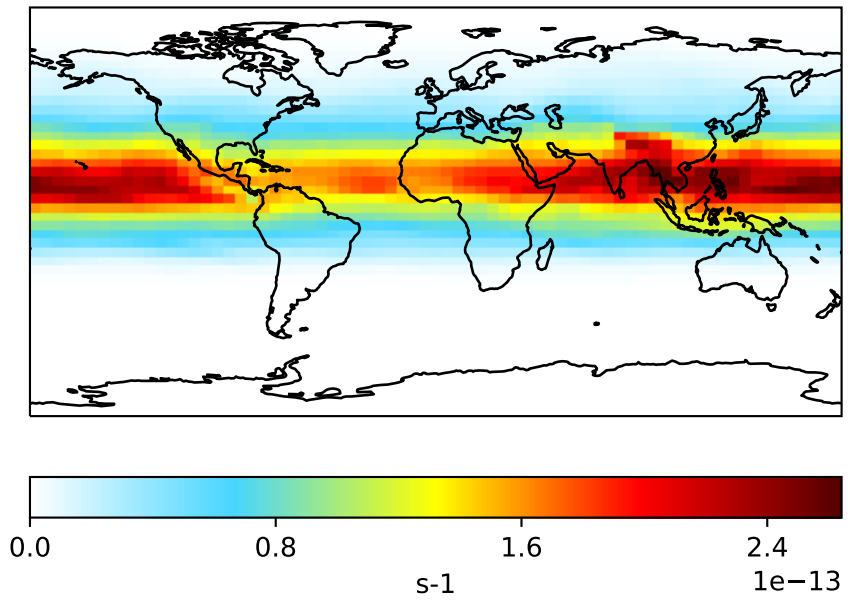


# Jval_CH3Br (Jul2019)

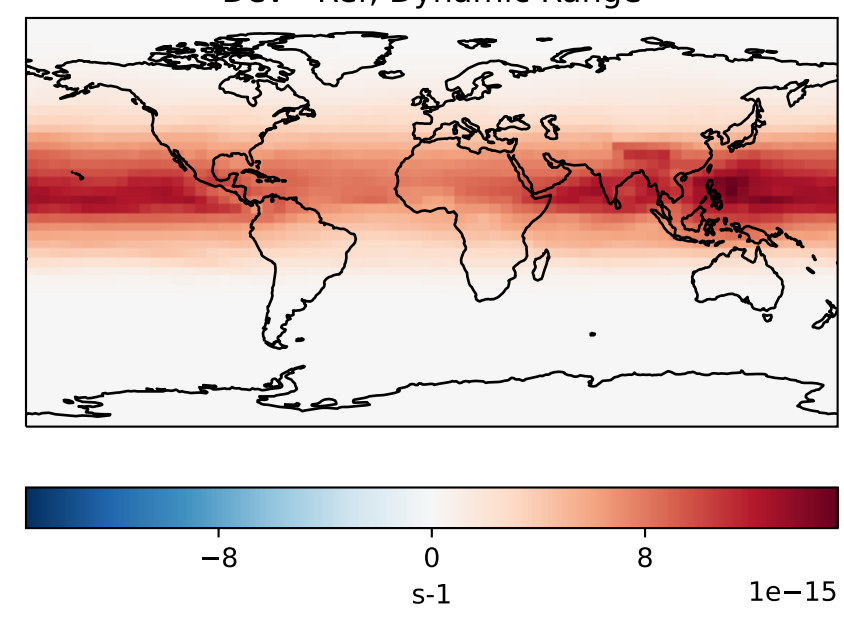
GCC_13.0.0 (Ref)
4.0x5.0



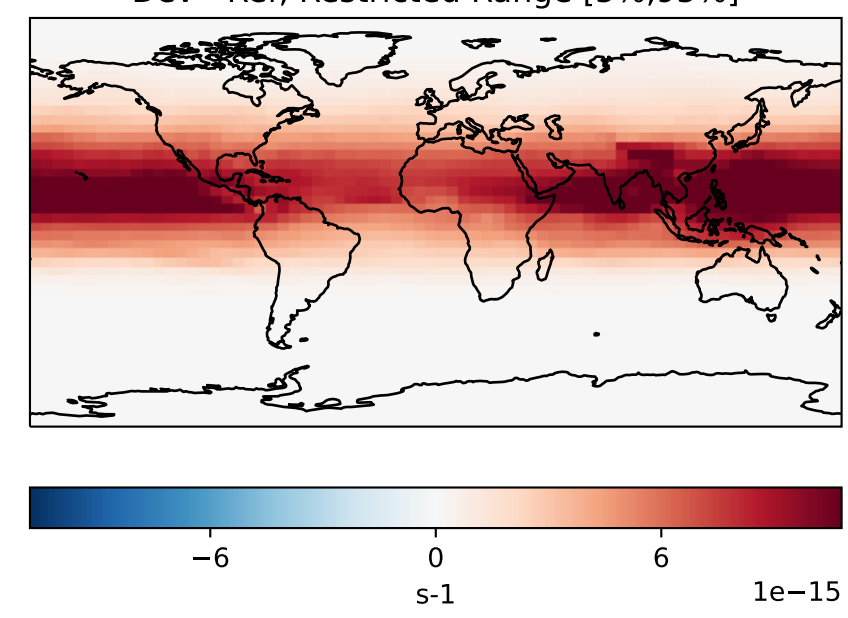

GCC_13.2.0 (Dev)
4.0x5.0



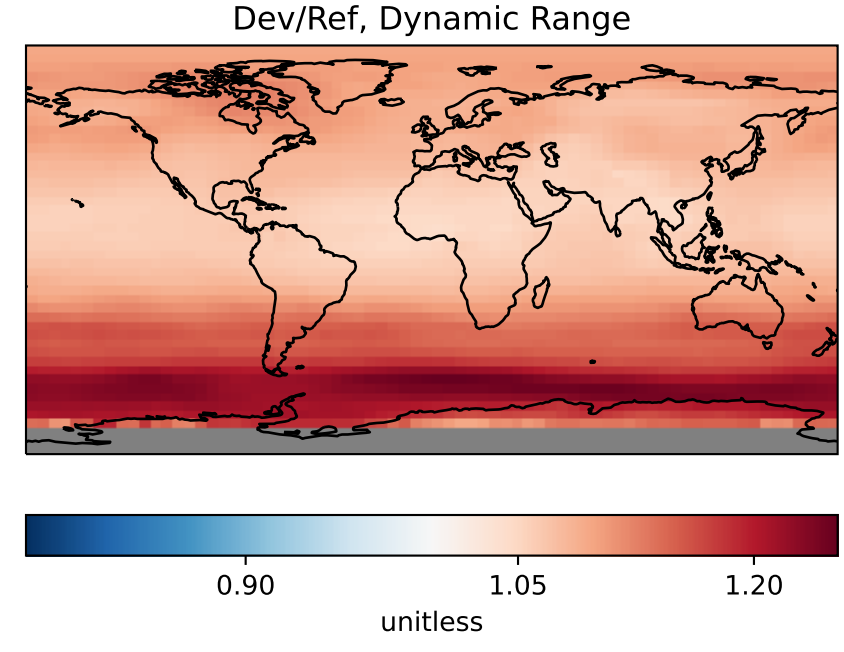

Difference
Dev - Ref, Dynamic Range



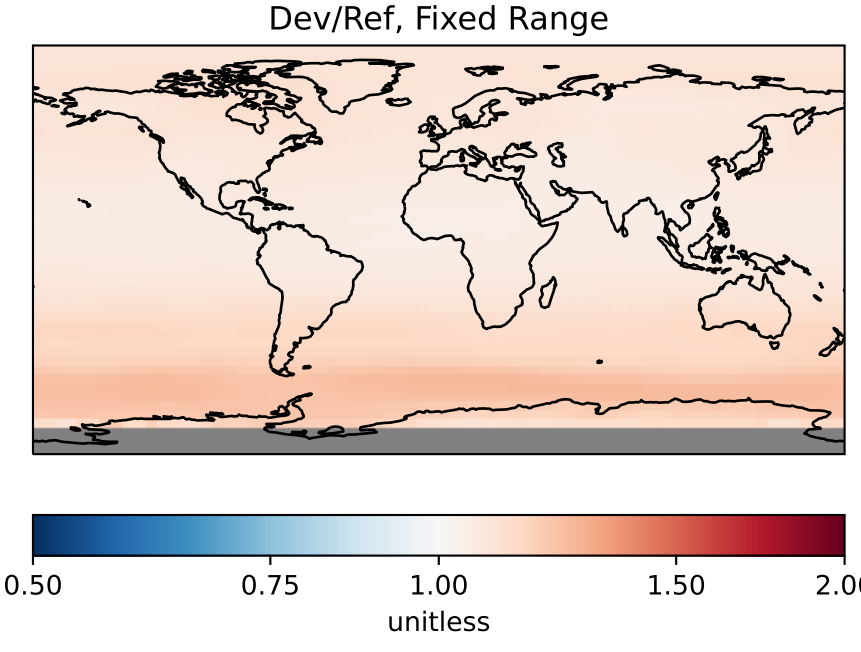

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

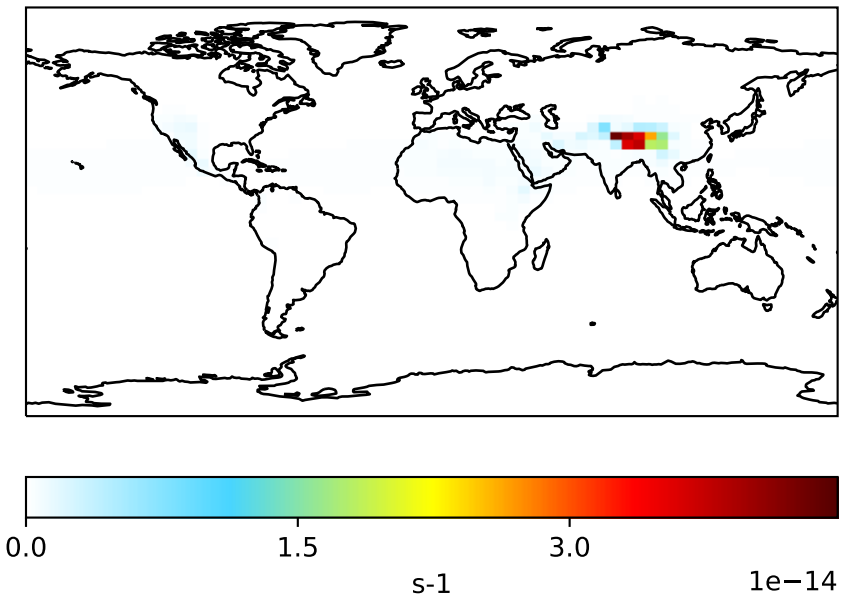



Ratio
Dev/Ref, Fixed Range

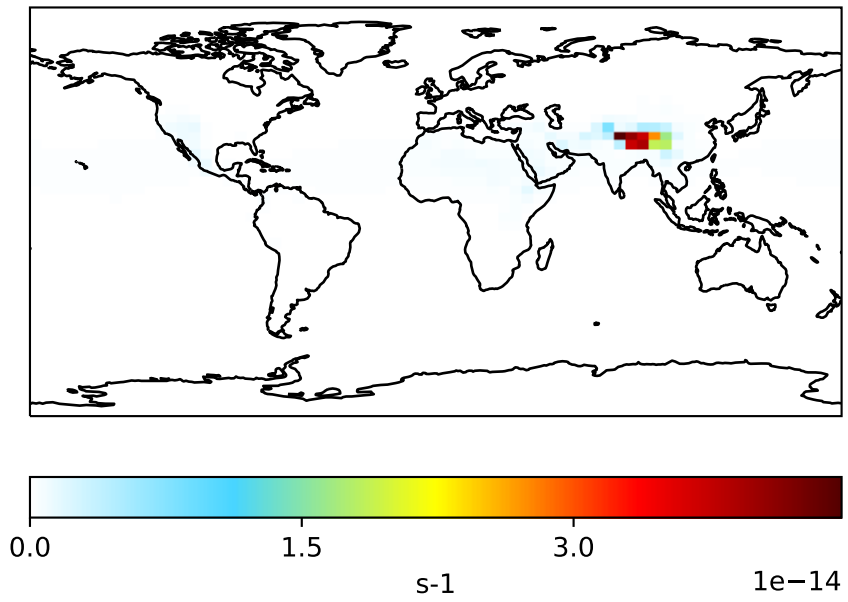


# Jval_CH3CCl3 (Jul2019)

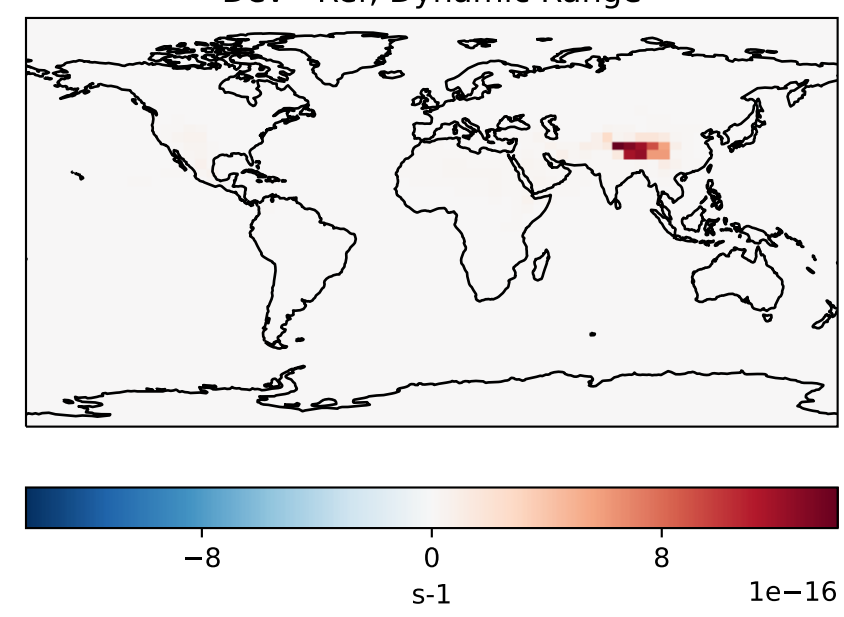
GCC_13.0.0 (Ref)
4.0x5.0



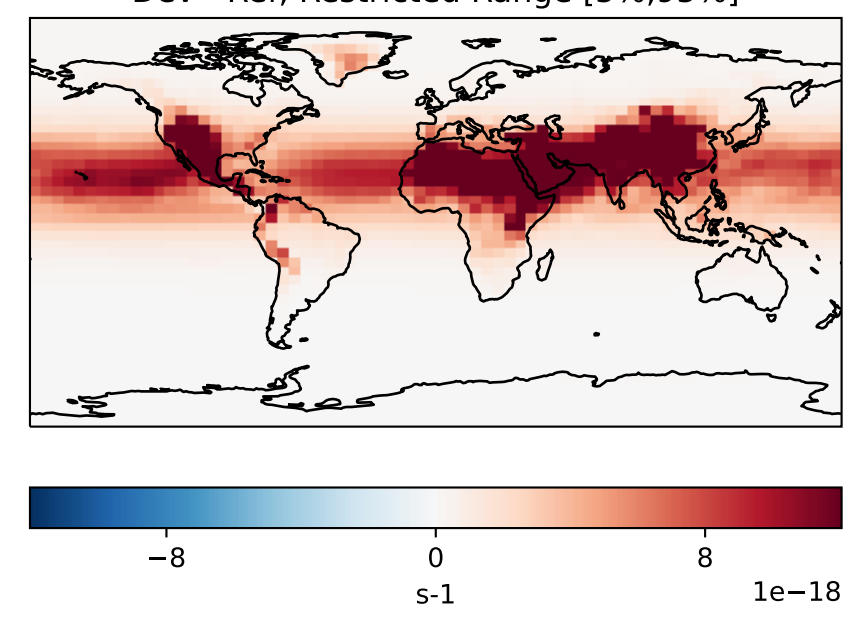

GCC_13.2.0 (Dev)
4.0x5.0



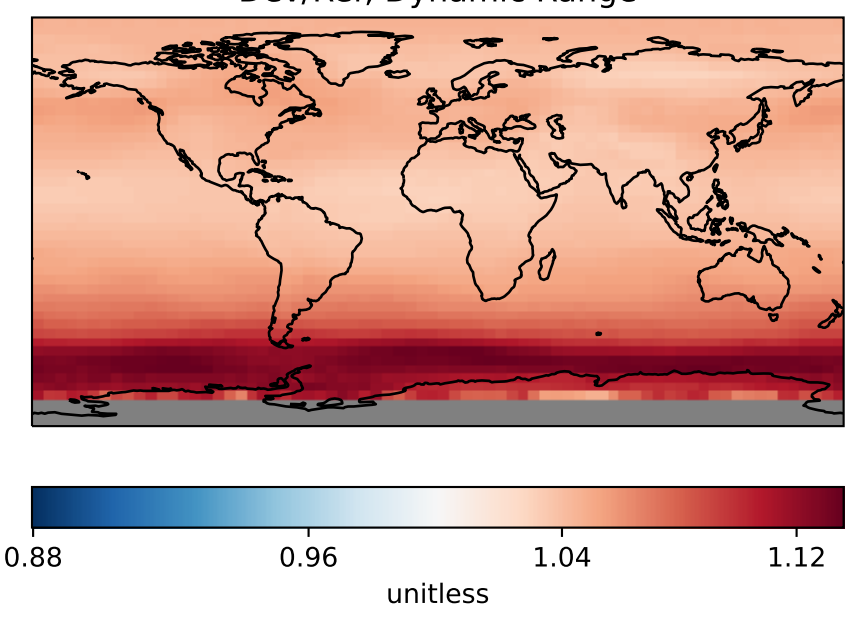

Difference
Dev - Ref, Dynamic Range



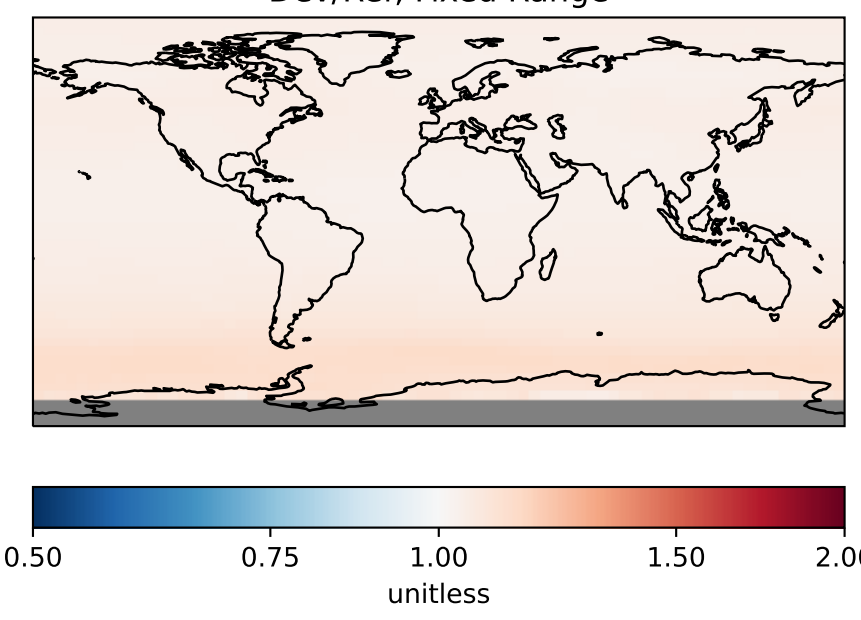

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

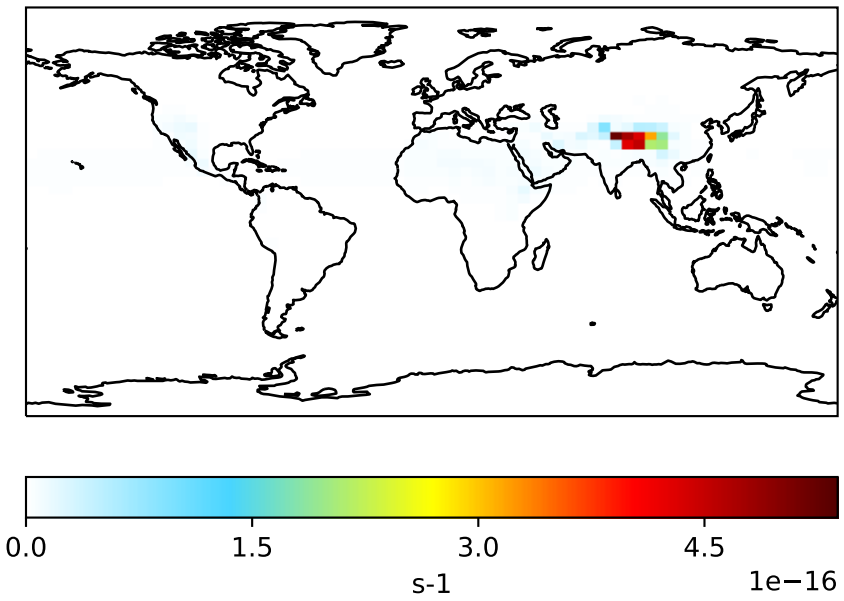



Ratio
Dev/Ref, Fixed Range

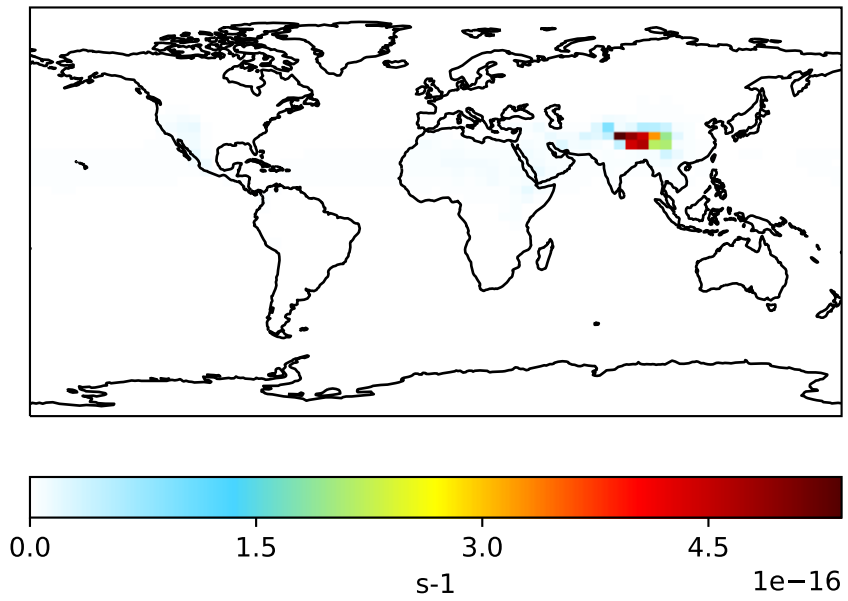


# Jval_CH3Cl (Jul2019)

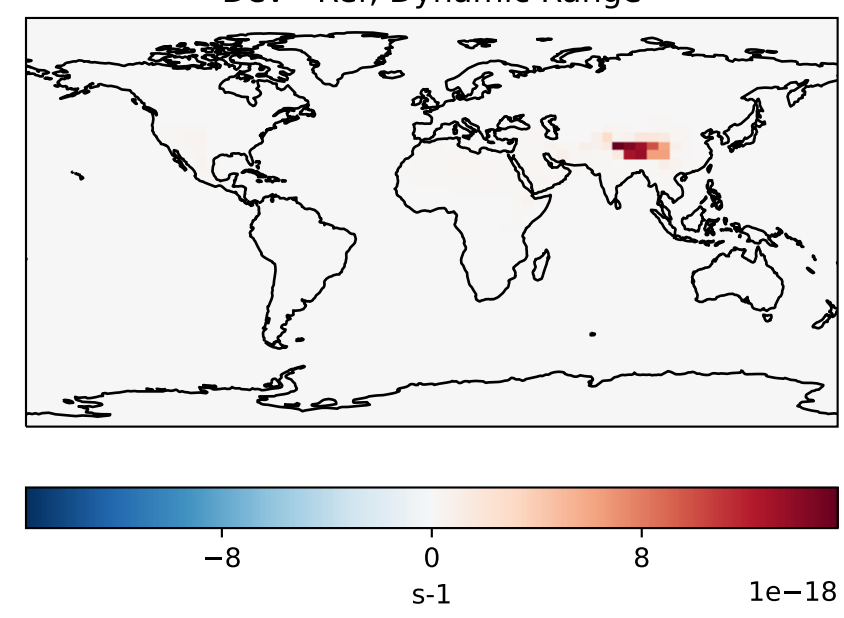
GCC_13.0.0 (Ref)
4.0x5.0



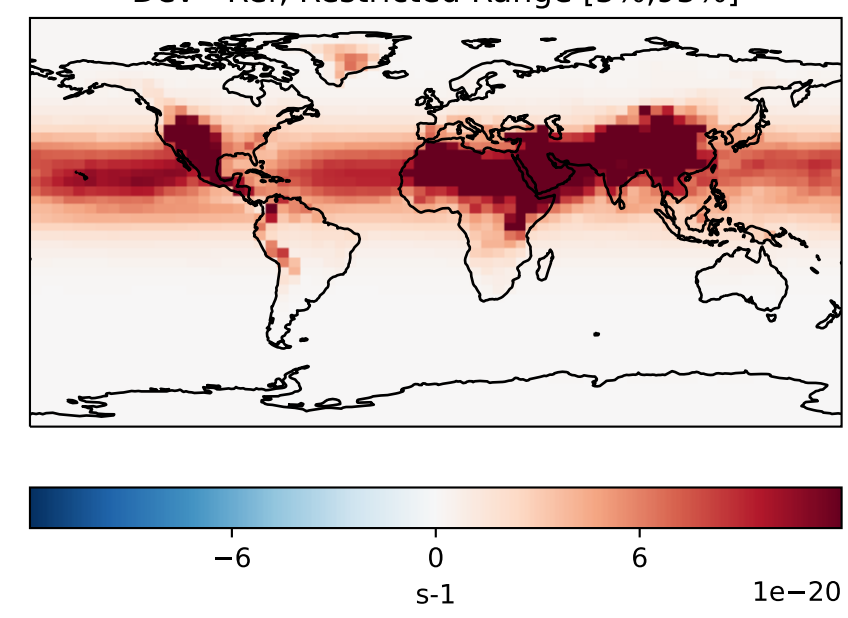

GCC_13.2.0 (Dev)
4.0x5.0



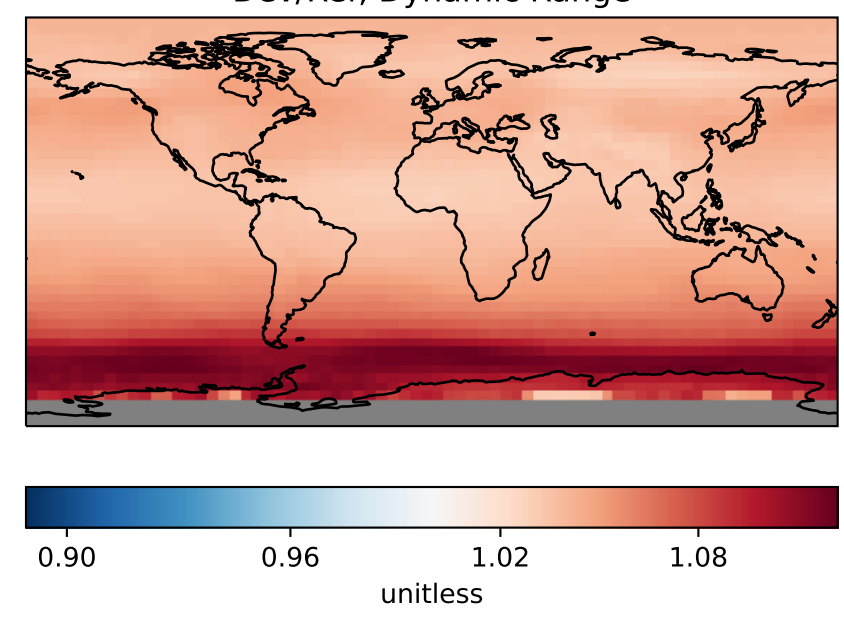

Difference
Dev - Ref, Dynamic Range



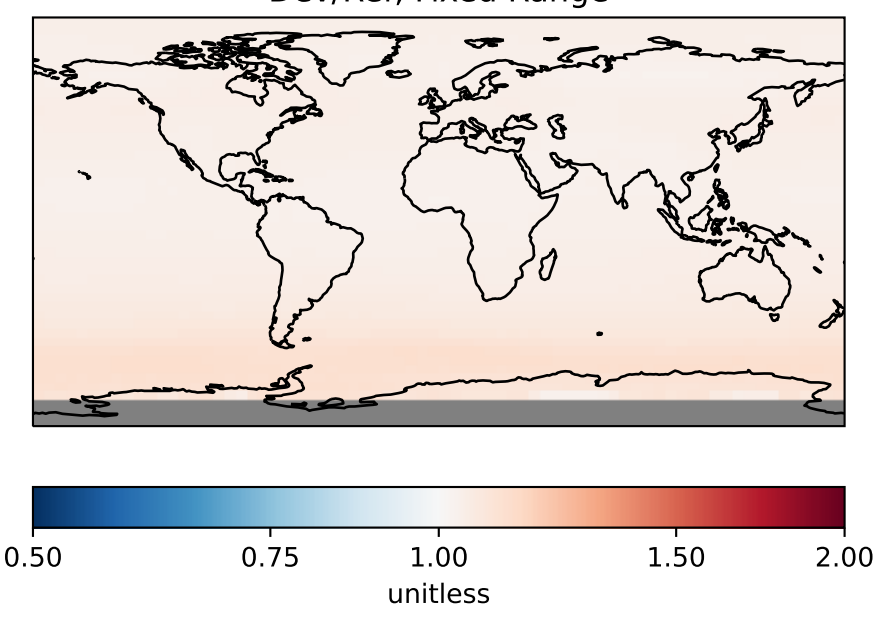

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

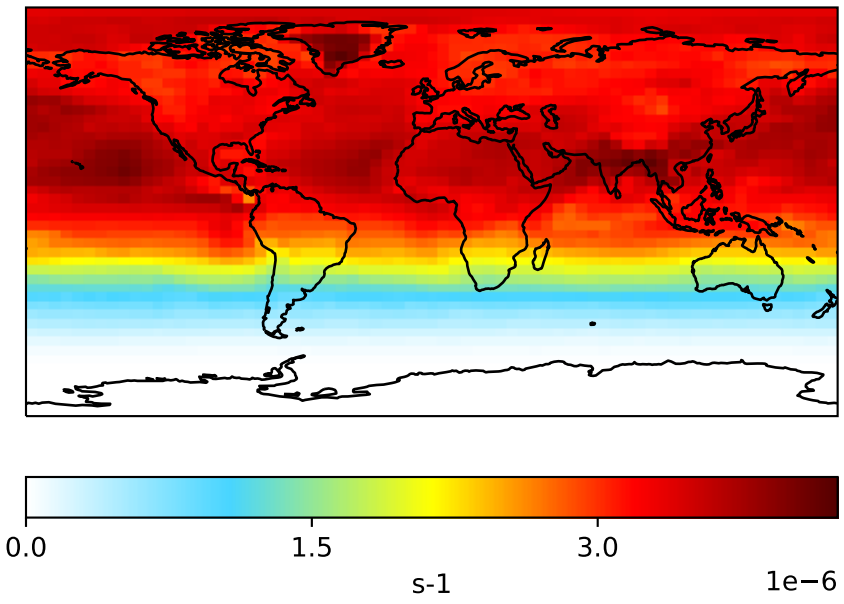



Ratio
Dev/Ref, Fixed Range

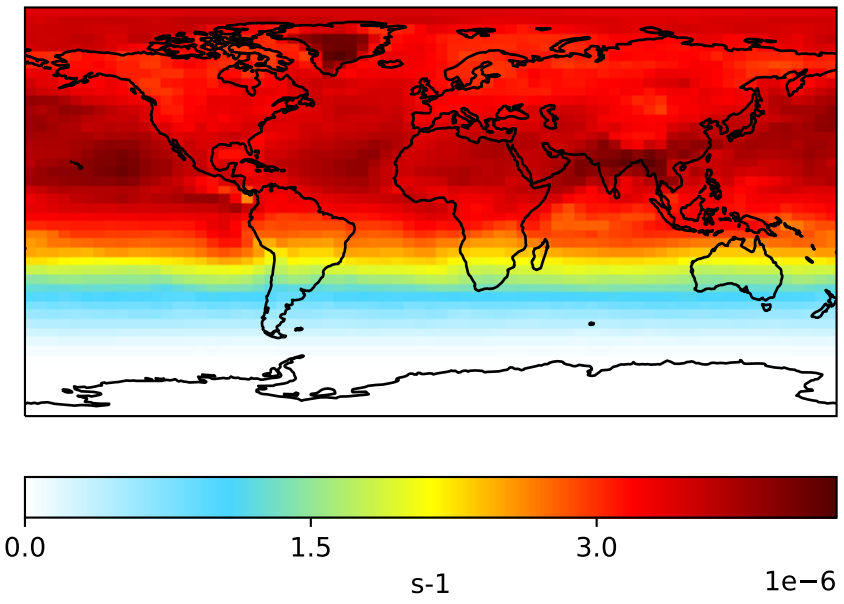


# Jval_CH3I (Jul2019)

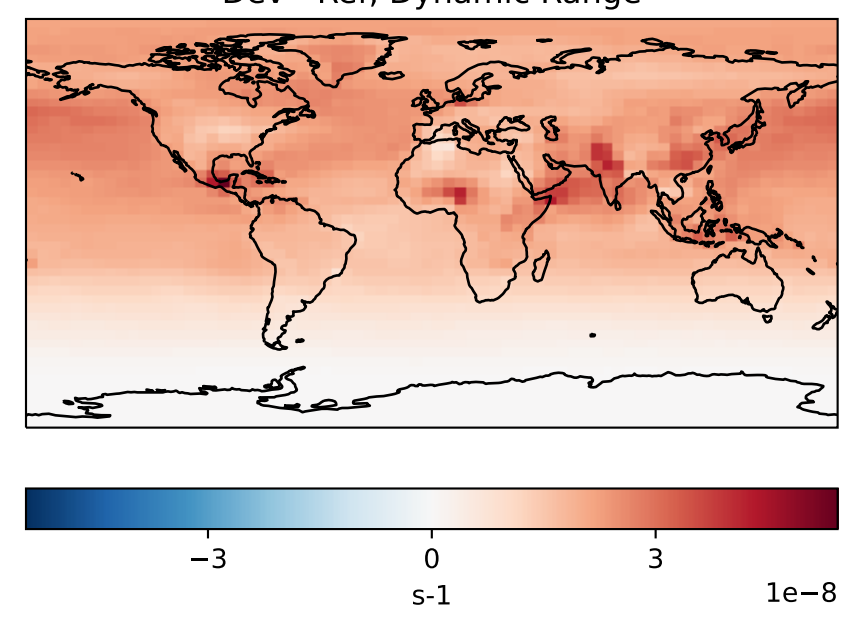
GCC_13.0.0 (Ref)
4.0x5.0



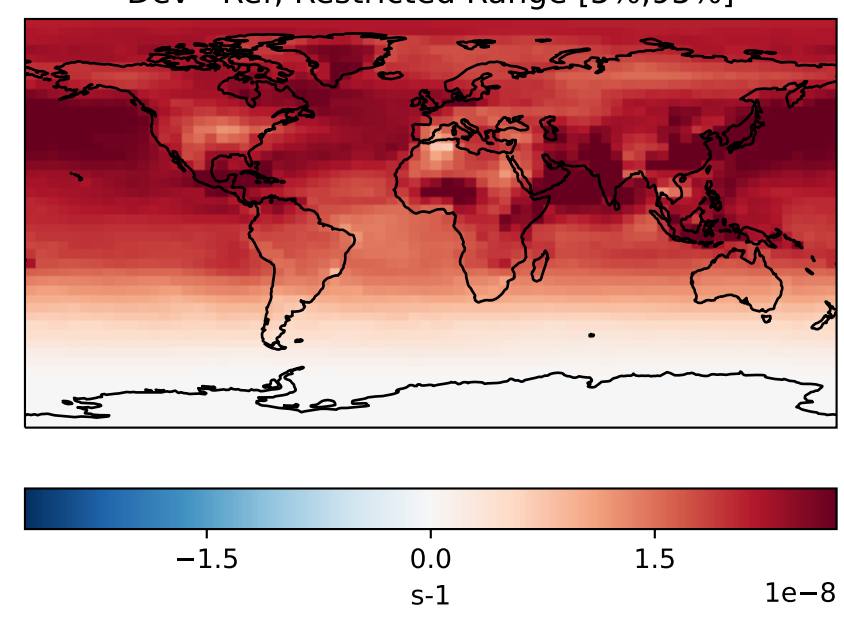

GCC_13.2.0 (Dev)
4.0x5.0



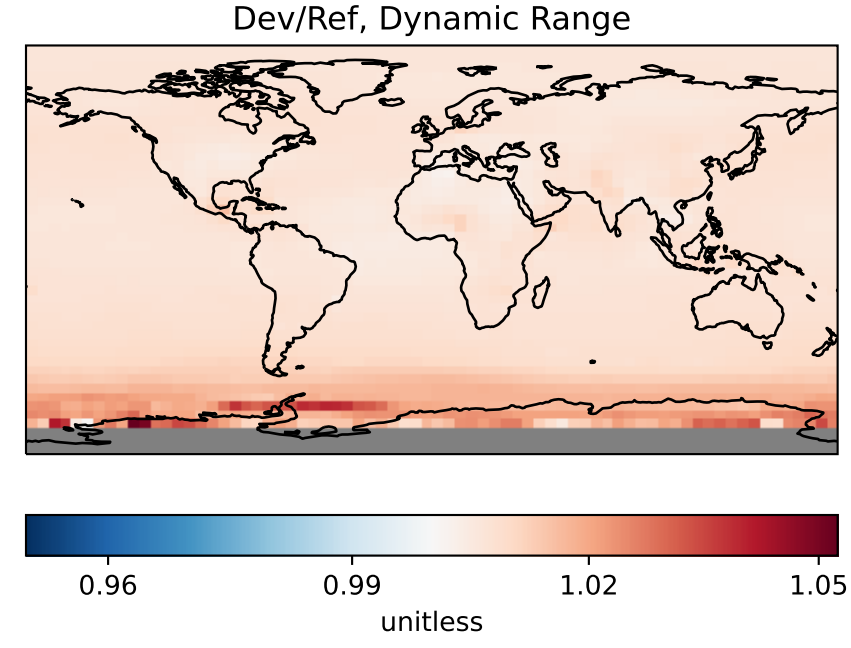

Difference
Dev - Ref, Dynamic Range



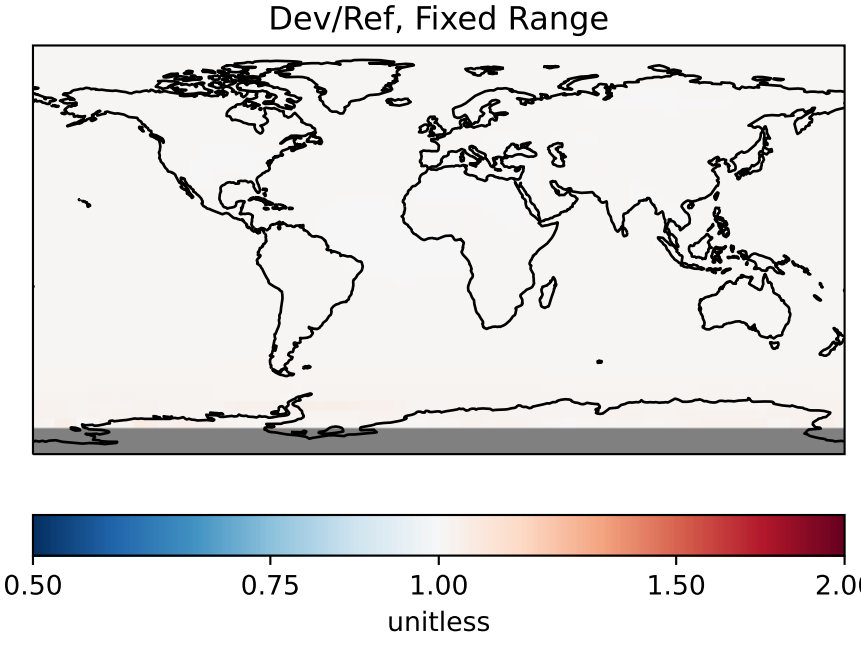

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

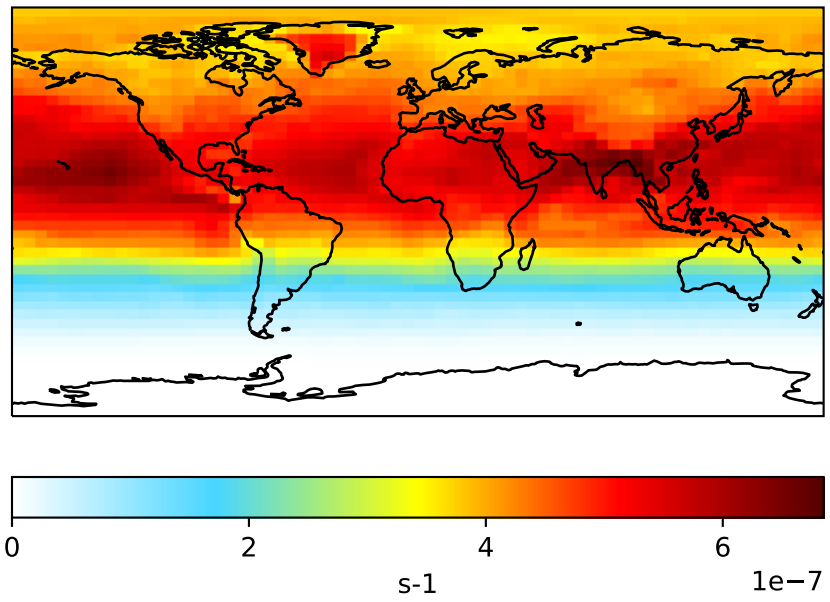



Ratio
Dev/Ref, Fixed Range

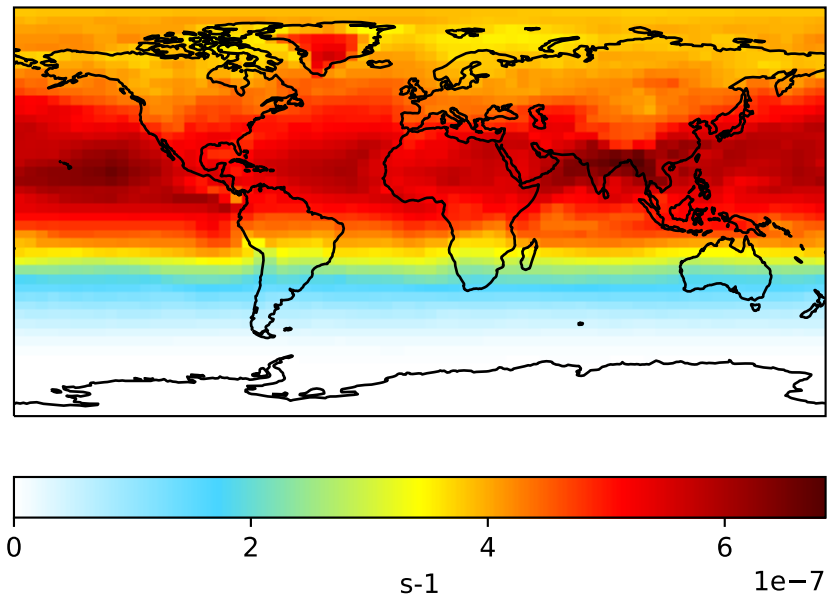


# Jval_CHBr3 (Jul2019)

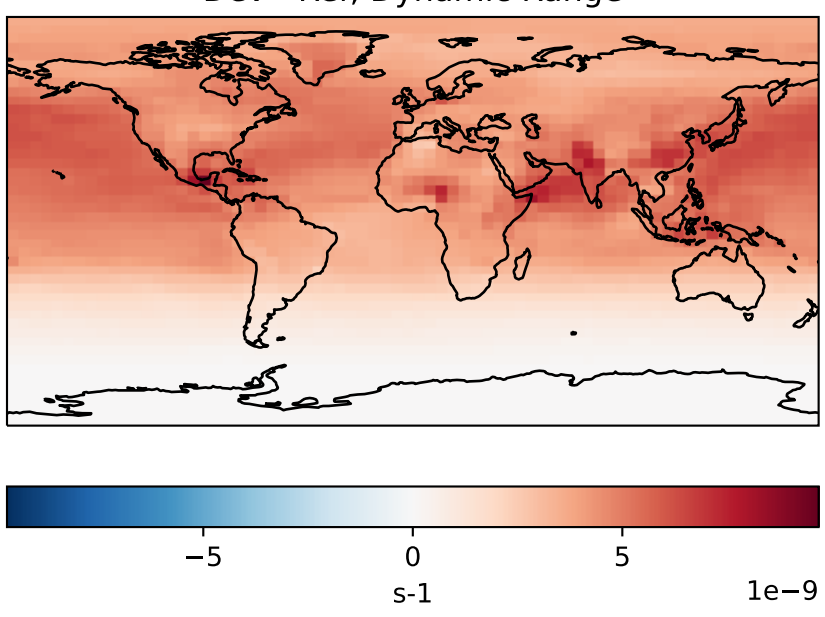
GCC_13.0.0 (Ref)
4.0x5.0



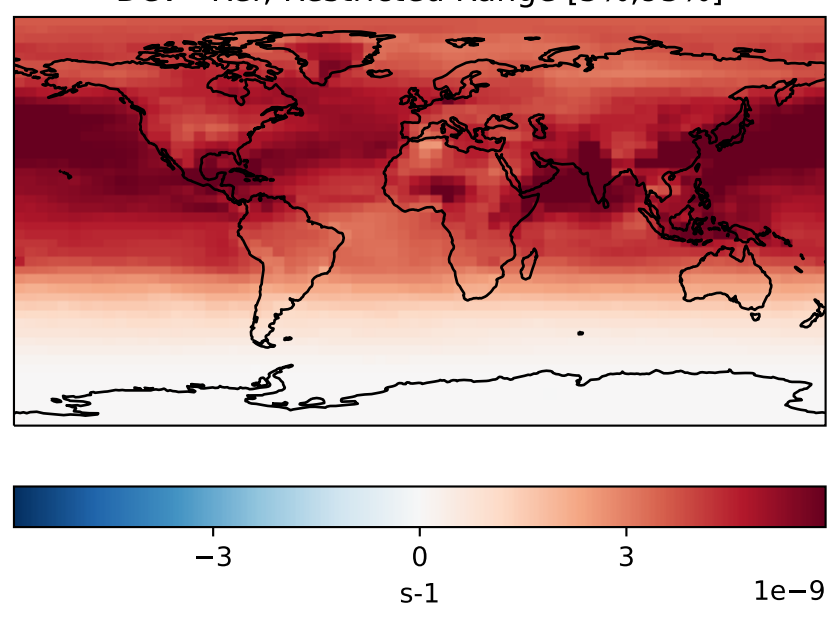

GCC_13.2.0 (Dev)
4.0x5.0



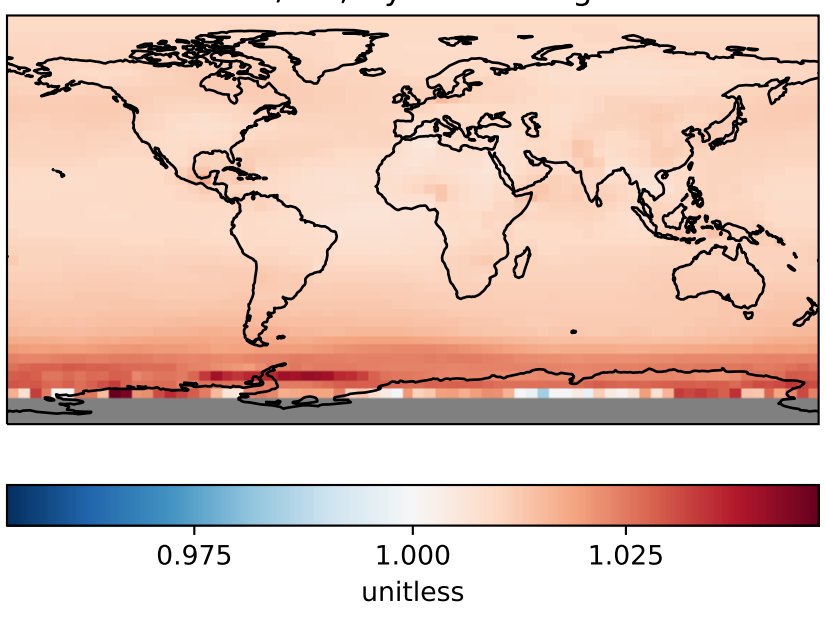

Difference
Dev - Ref, Dynamic Range



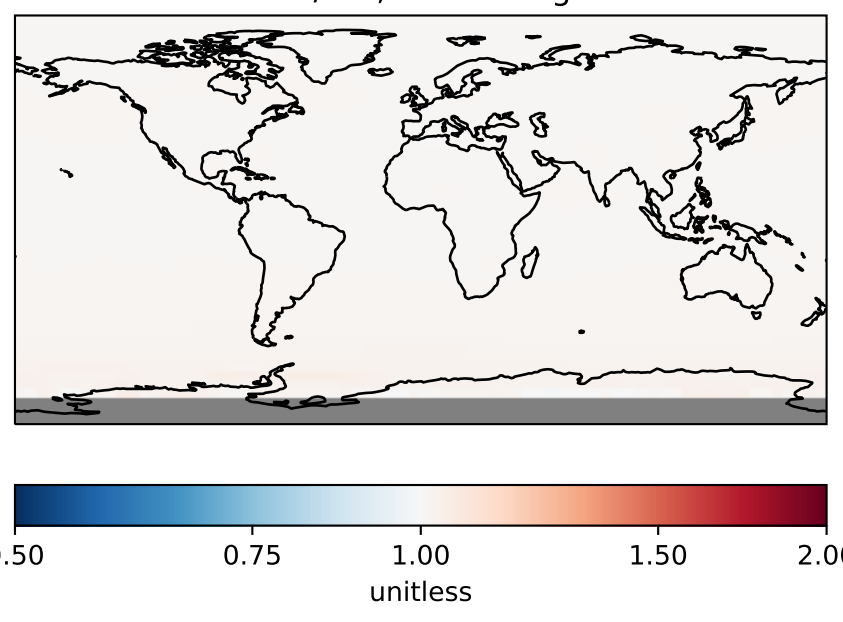

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

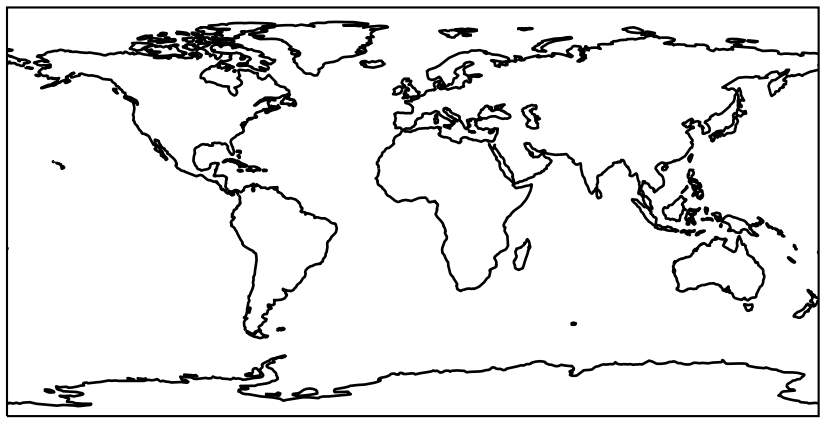



Ratio
Dev/Ref, Fixed Range



# Jval_CHCl3 (Jul2019)

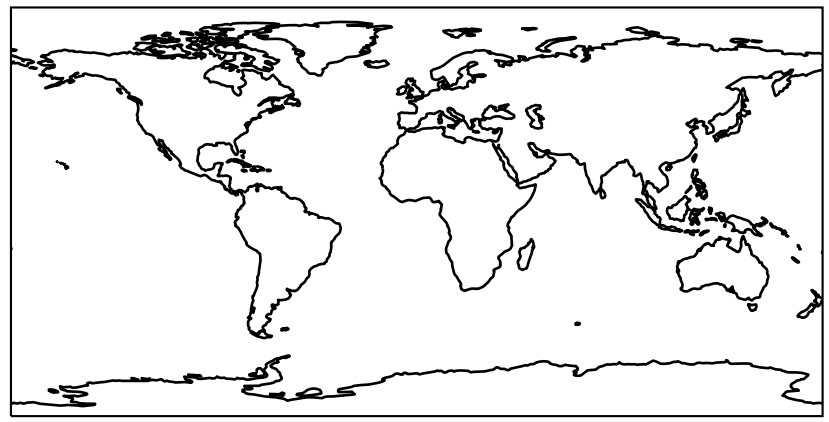
GCC_13.0.0 (Ref)
4.0x5.0





Zero throughout domain
s-1

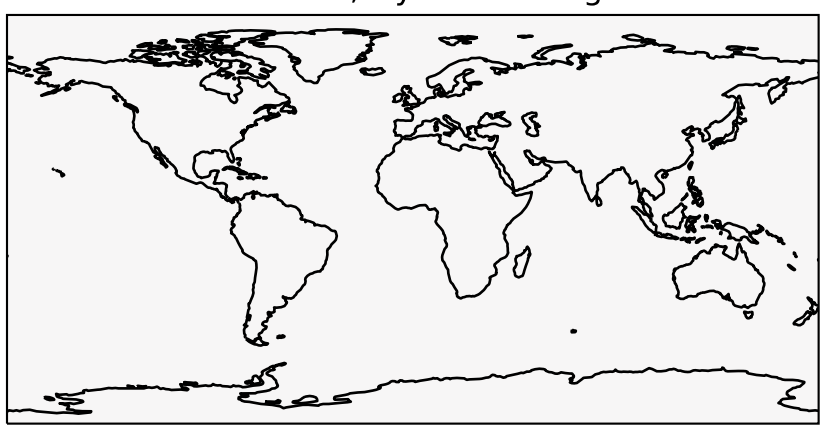
GCC_13.2.0 (Dev)
4.0x5.0





Zero throughout domain
s-1

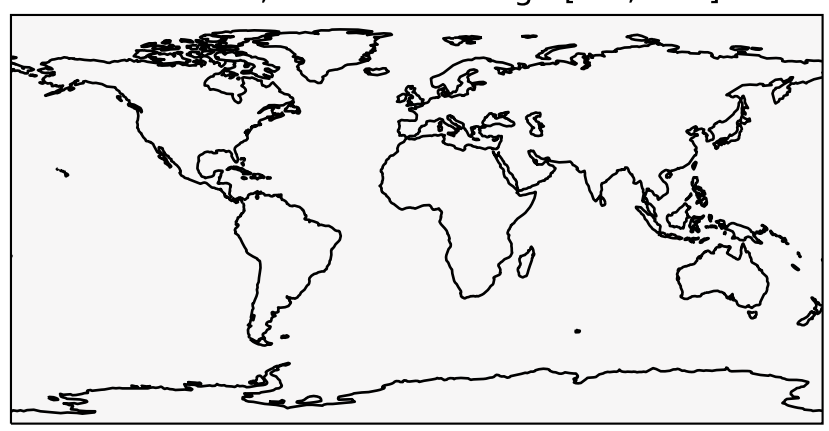
Difference
Dev - Ref, Dynamic Range





Zero throughout domain
s-1

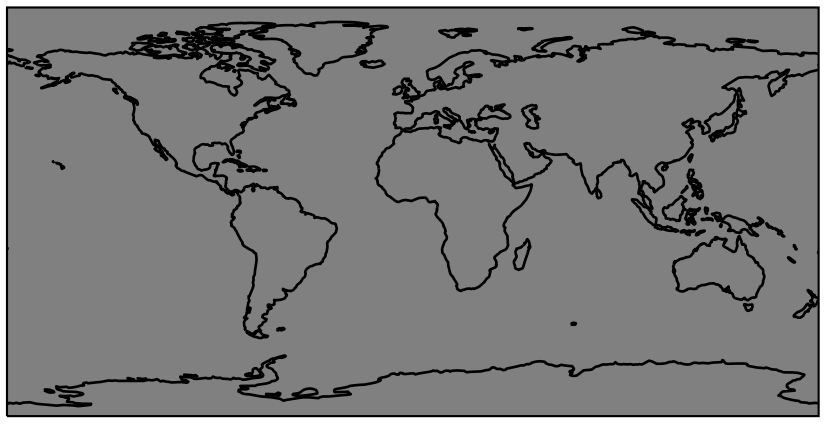
Difference
Dev - Ref, Restricted Range [5%,95%]





Zero throughout domain
s-1

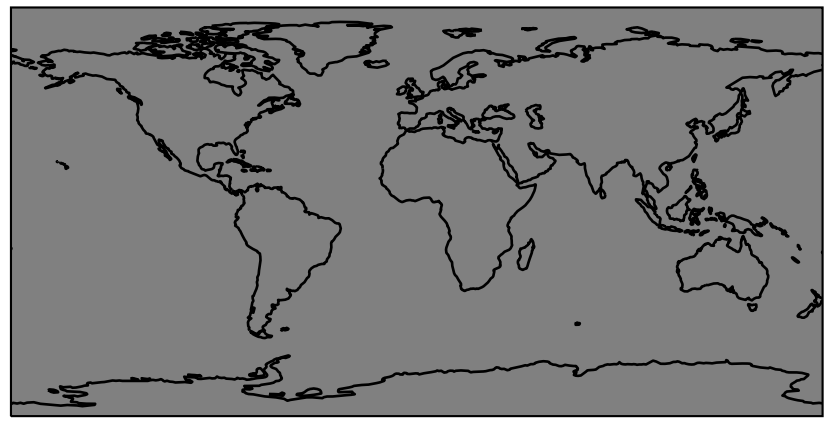
Ratio
Dev/Ref, Dynamic Range





Undefined throughout domain
unitless

Ratio
Dev/Ref, Fixed Range

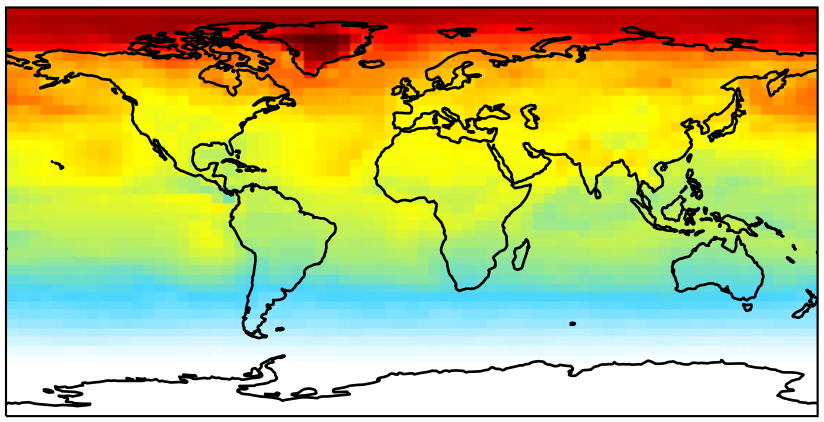


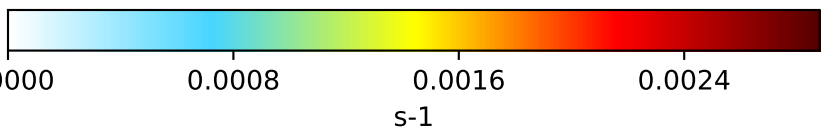


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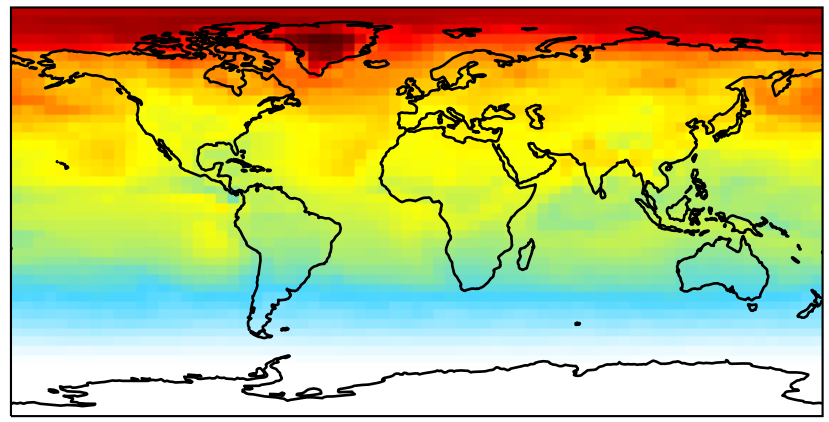
# Jval_Cl2 (Jul2019)

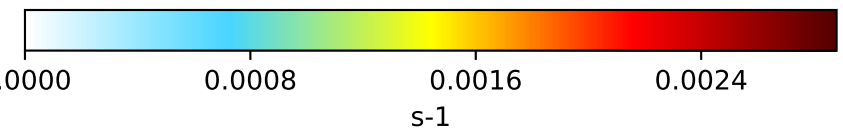
GCC_13.0.0 (Ref)
4.0x5.0



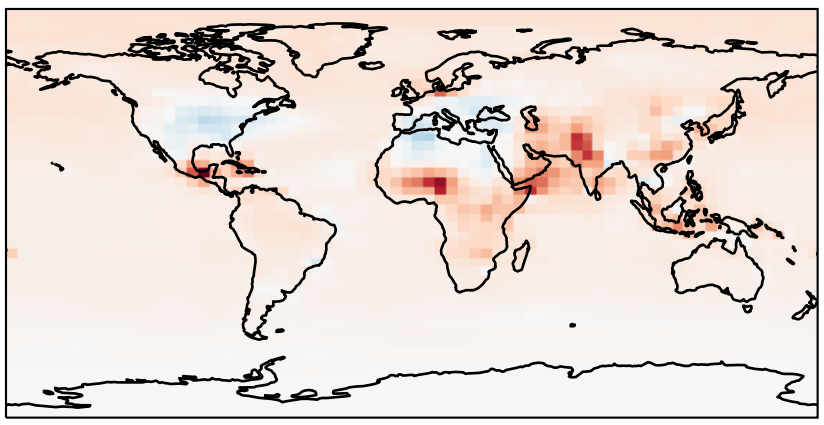


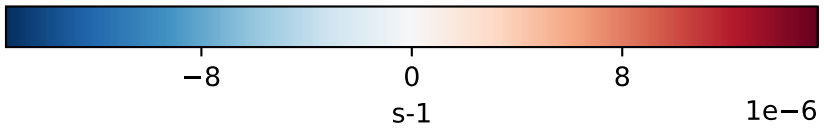

GCC_13.2.0 (Dev)
4.0x5.0



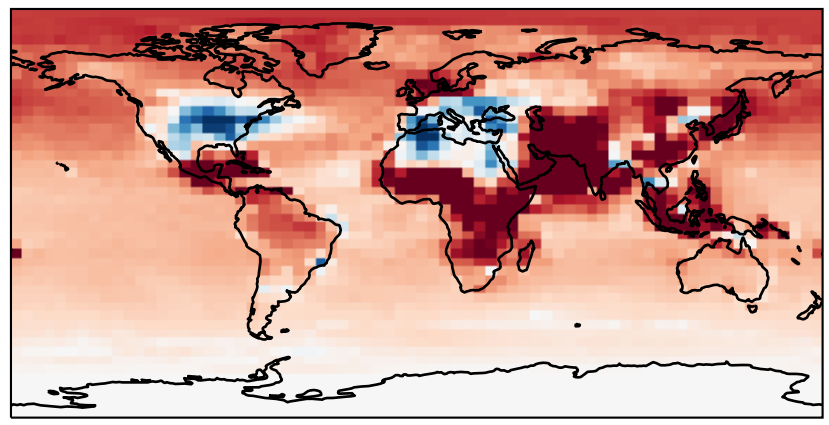


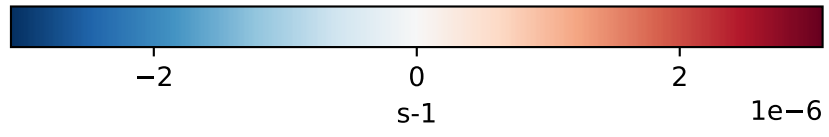

Difference
Dev - Ref, Dynamic Range



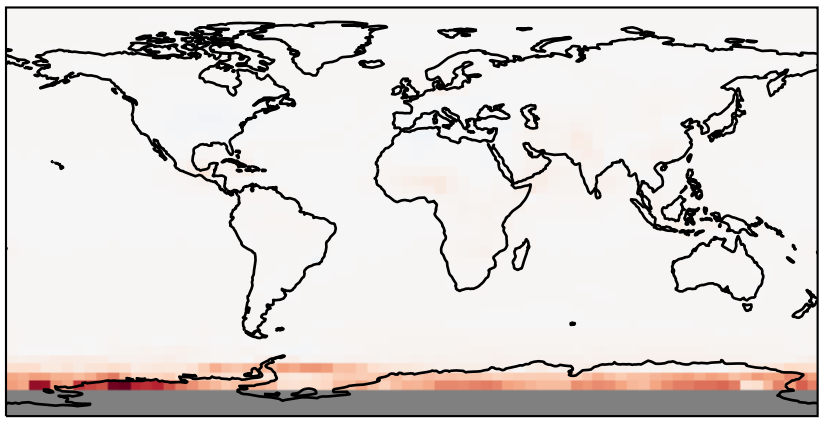


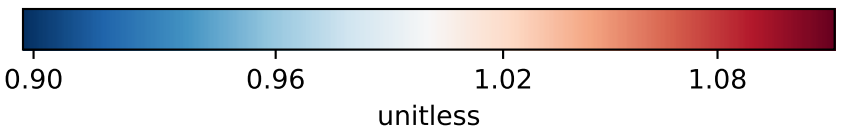

Difference
Dev - Ref, Restricted Range [5%,95%]





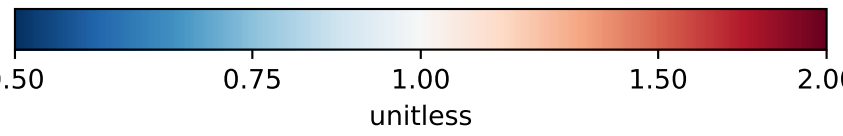

Ratio
Dev/Ref, Dynamic Range





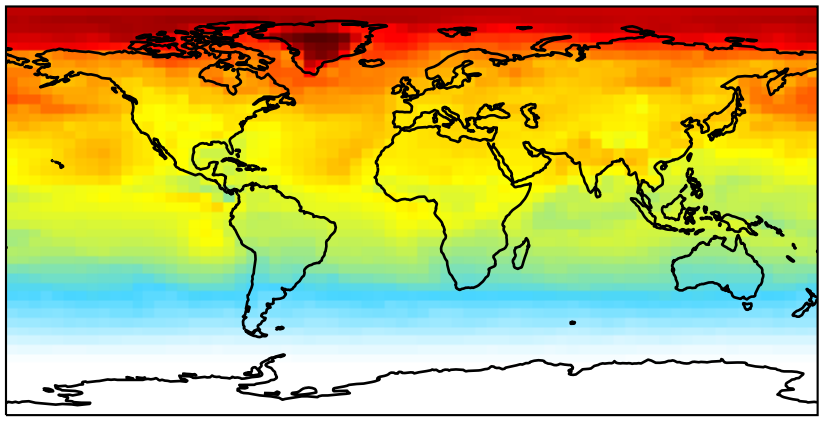

Ratio
Dev/Ref, Fixed Range

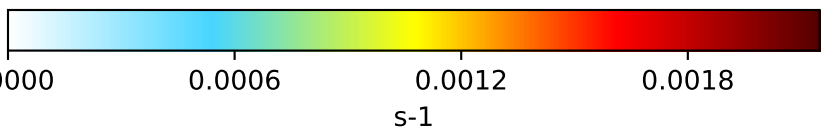




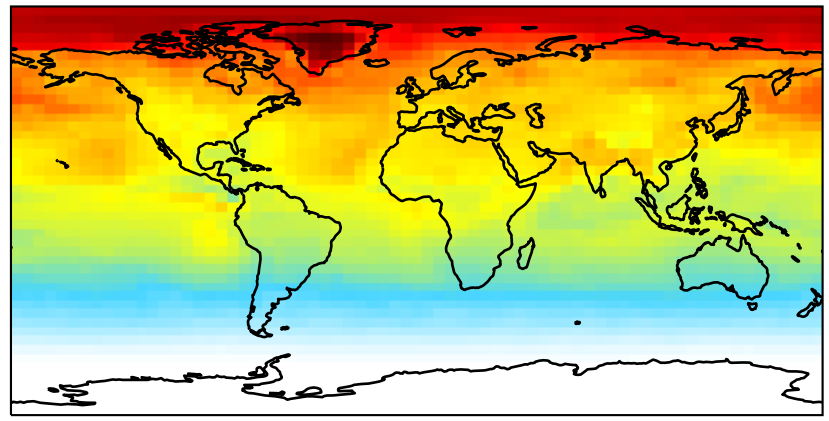
# Jval_Cl2O2 (Jul2019)

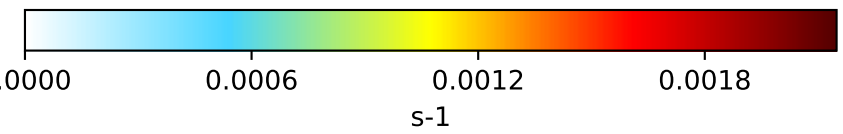
GCC_13.0.0 (Ref)
4.0x5.0



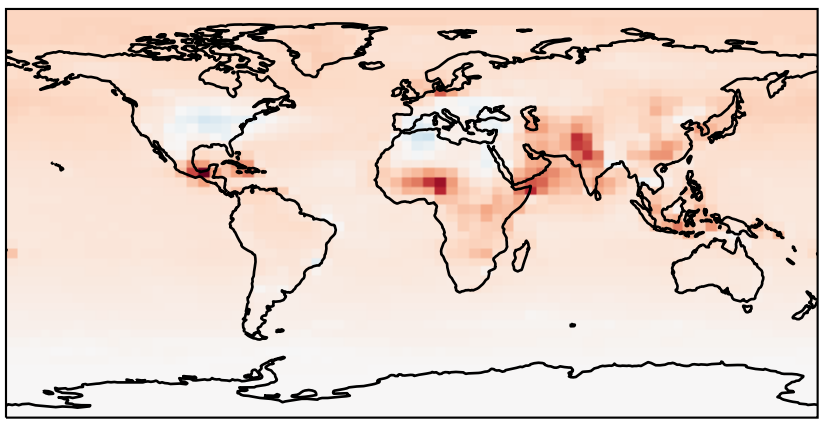


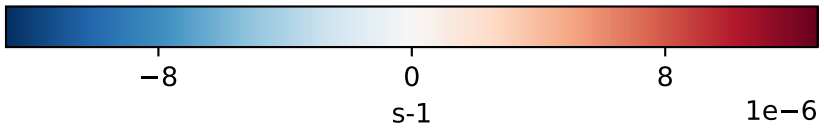

GCC_13.2.0 (Dev)
4.0x5.0



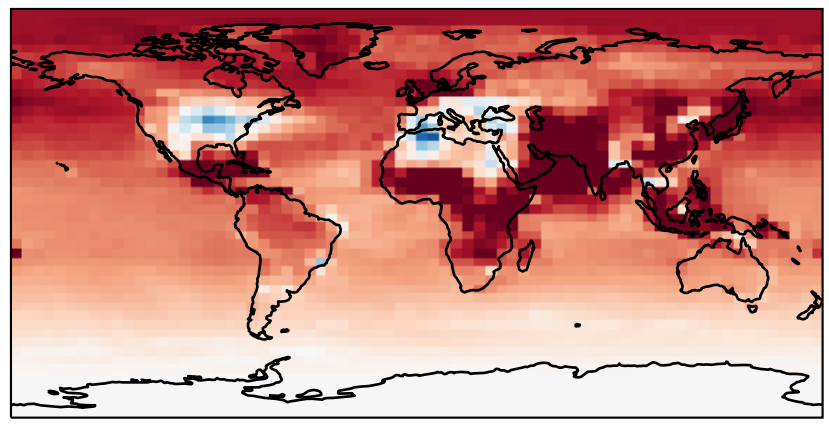


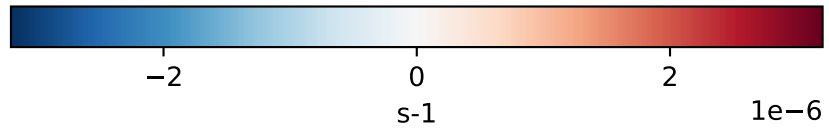

Difference
Dev - Ref, Dynamic Range



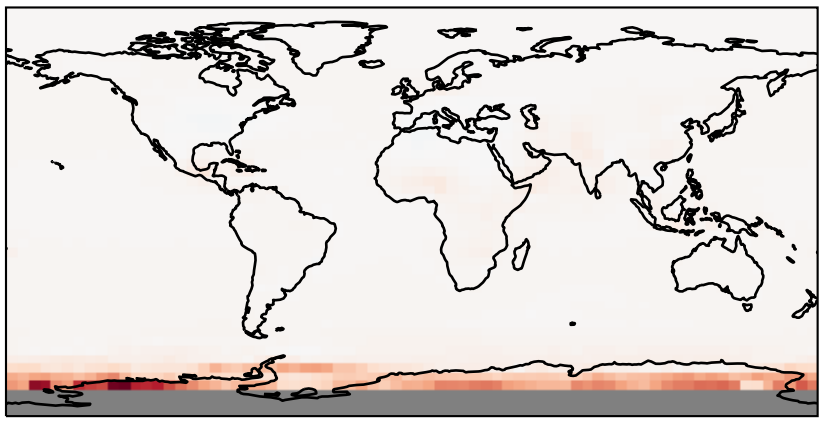


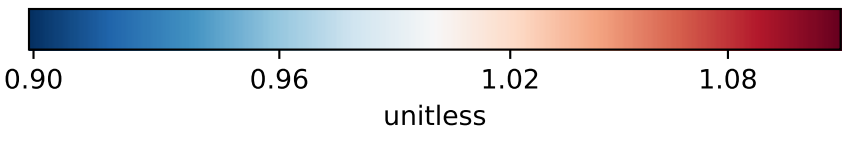

Difference
Dev - Ref, Restricted Range [5%,95%]



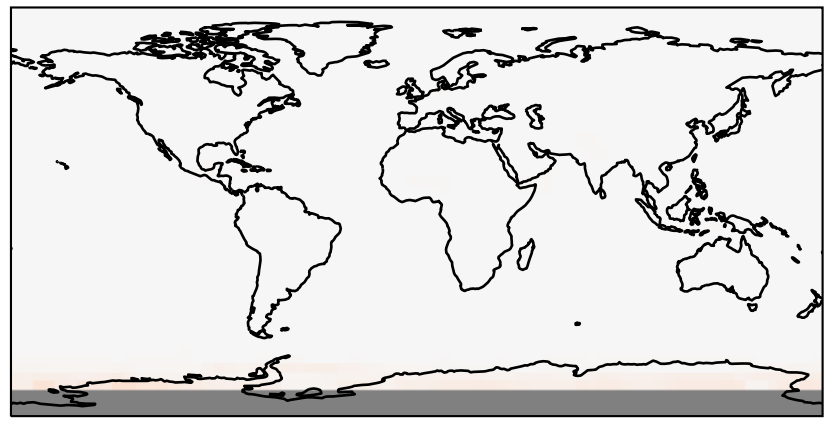


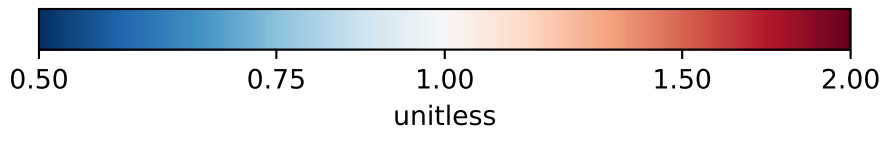

Ratio
Dev/Ref, Dynamic Range





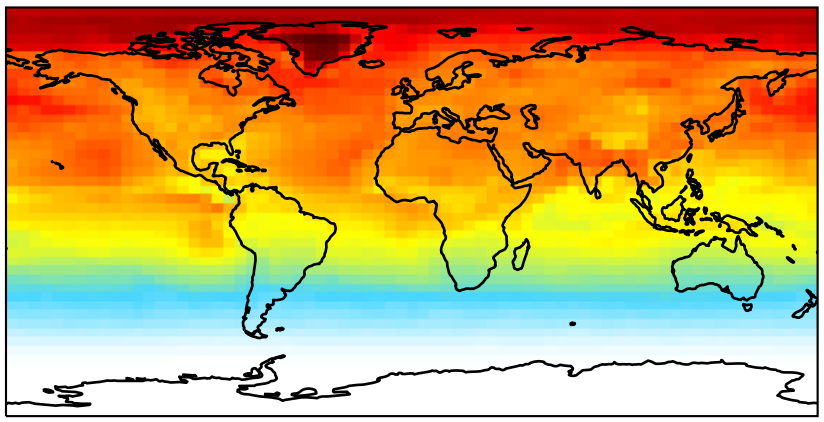

Ratio
Dev/Ref, Fixed Range

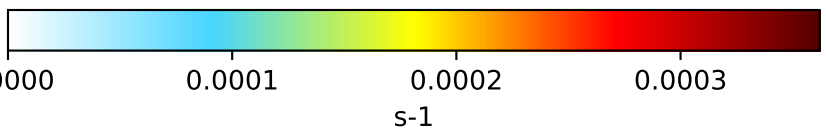




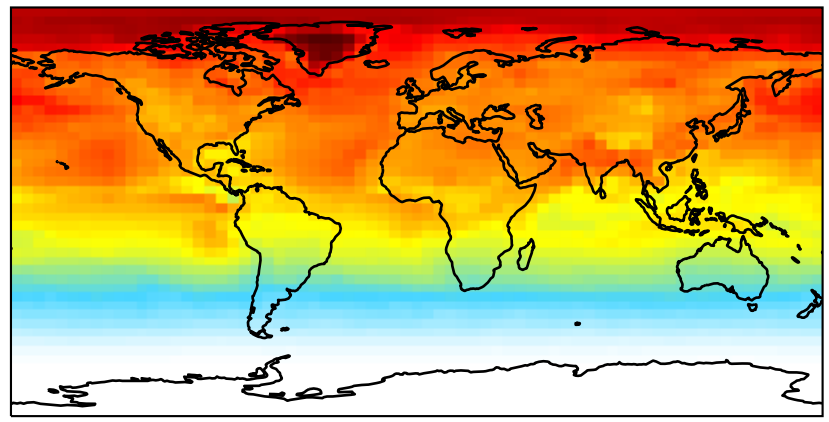
# Jval_ClNO2 (Jul2019)

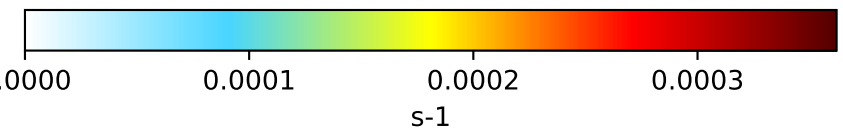
GCC_13.0.0 (Ref)
4.0x5.0



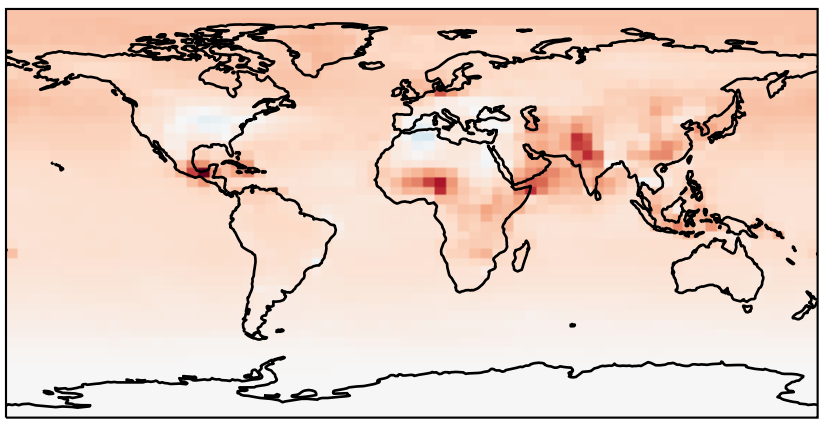


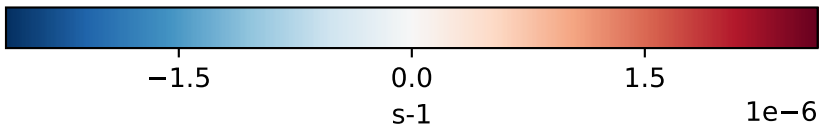

GCC_13.2.0 (Dev)
4.0x5.0



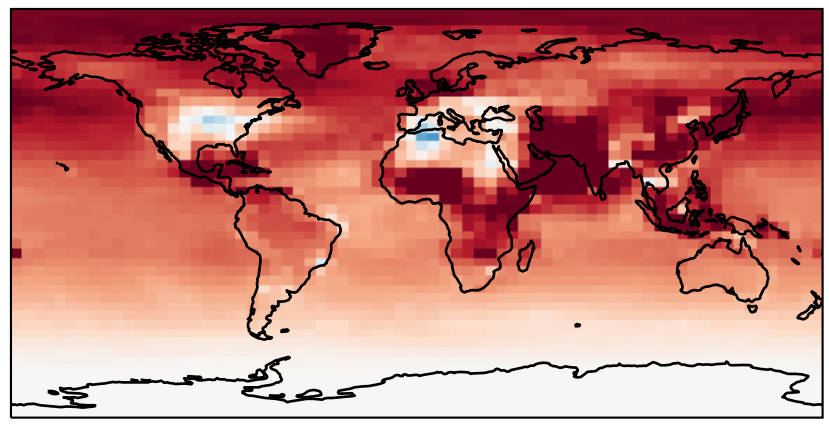


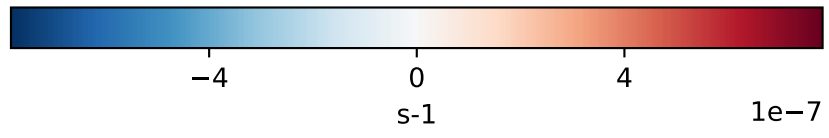

Difference
Dev - Ref, Dynamic Range



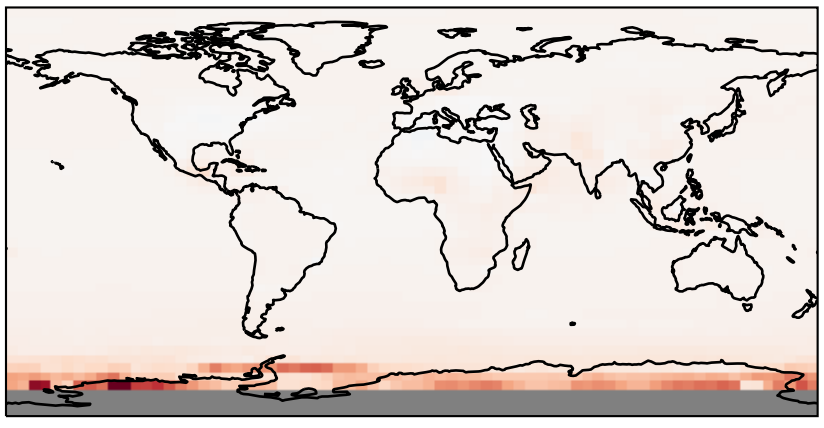


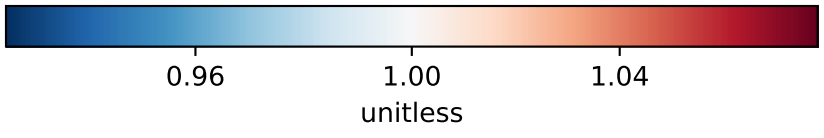

Difference
Dev - Ref, Restricted Range [5%,95%]





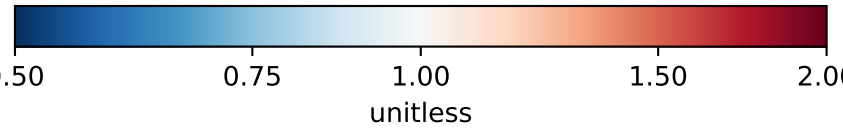

Ratio
Dev/Ref, Dynamic Range





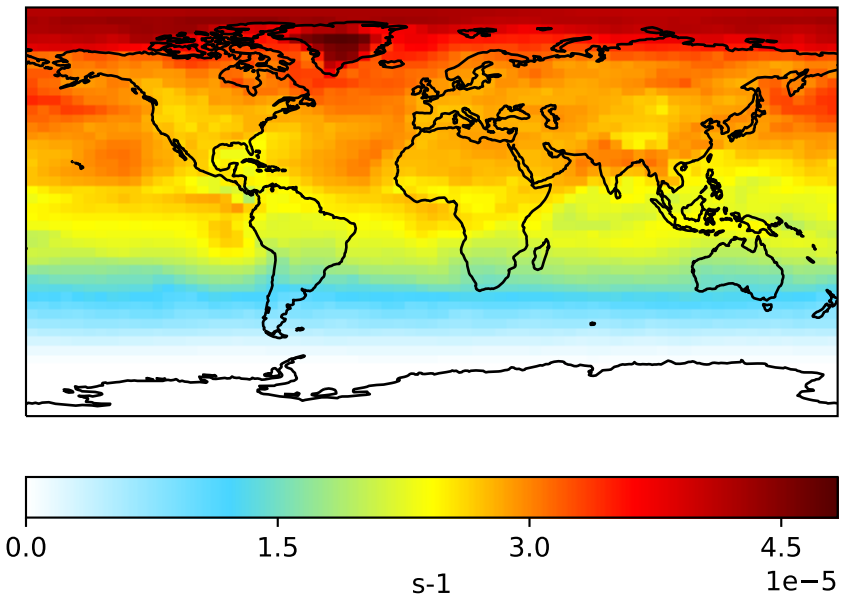

Ratio
Dev/Ref, Fixed Range



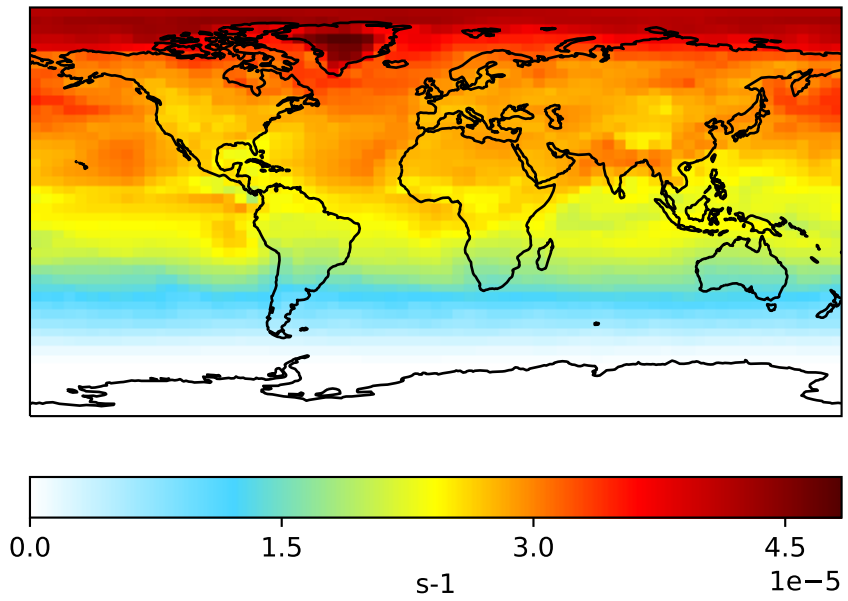


# Jval_ClNO3 (Jul2019)

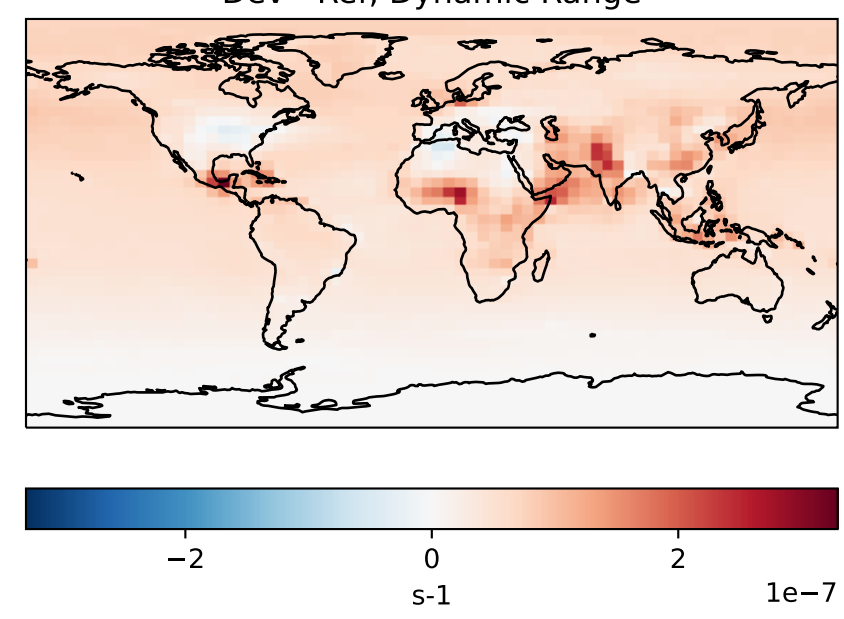
GCC_13.0.0 (Ref)
4.0x5.0



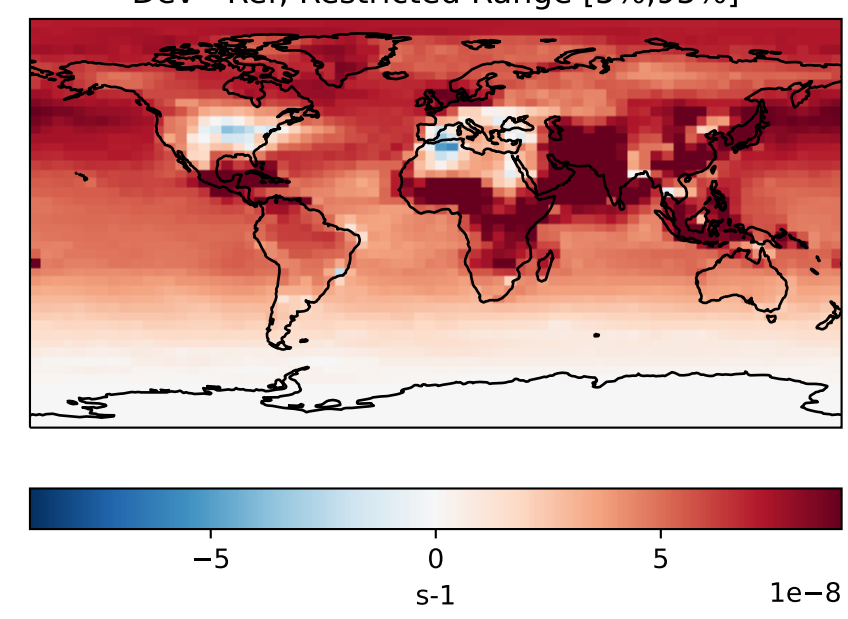

GCC_13.2.0 (Dev)
4.0x5.0



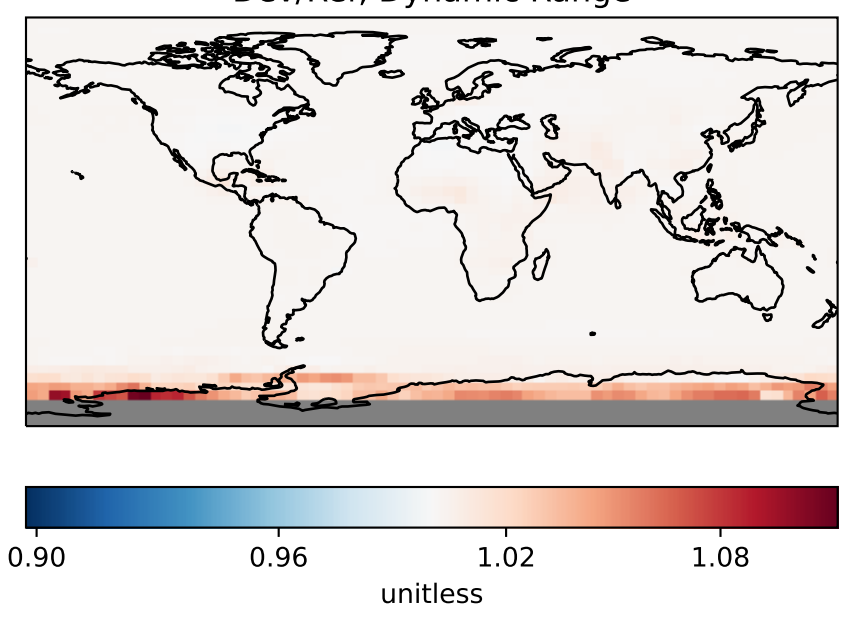

Difference
Dev - Ref, Dynamic Range



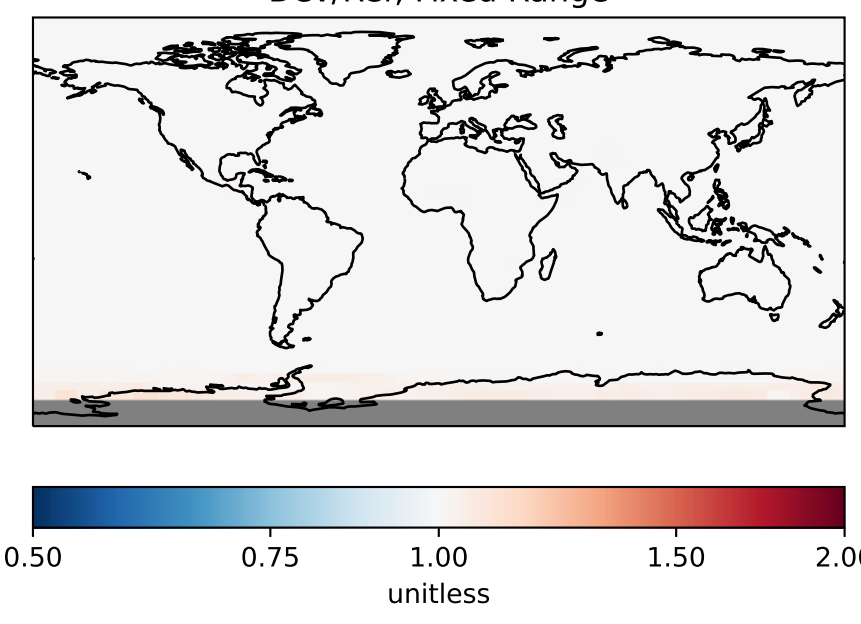

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

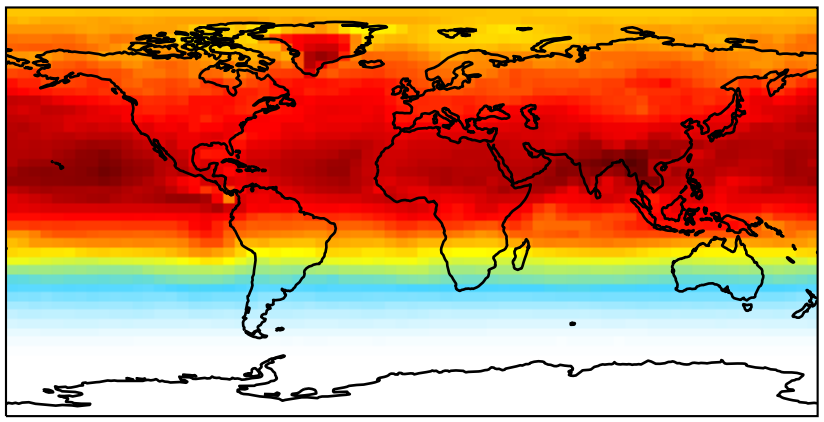


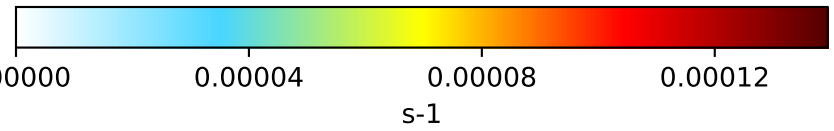

Ratio
Dev/Ref, Fixed Range



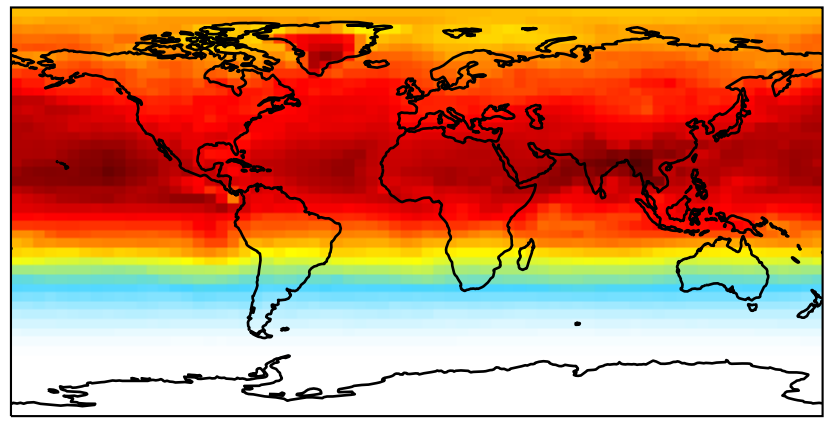
# Jval_ClO (Jul2019)

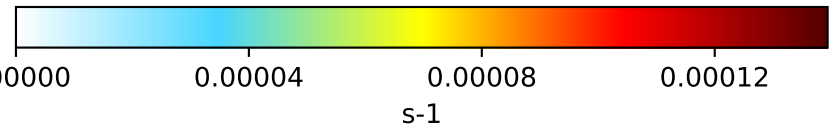
GCC_13.0.0 (Ref)
4.0x5.0



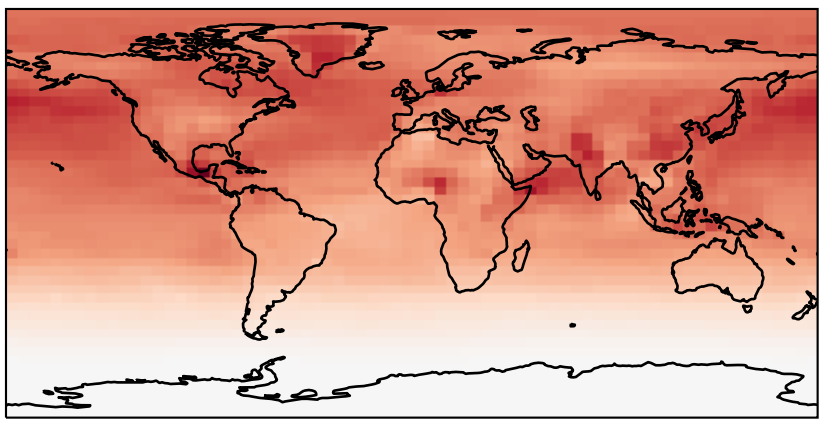


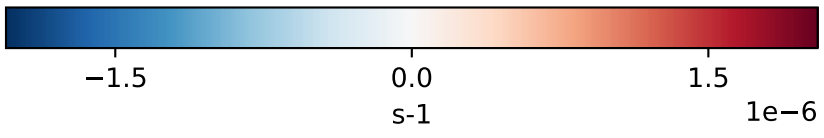

GCC_13.2.0 (Dev)
4.0x5.0



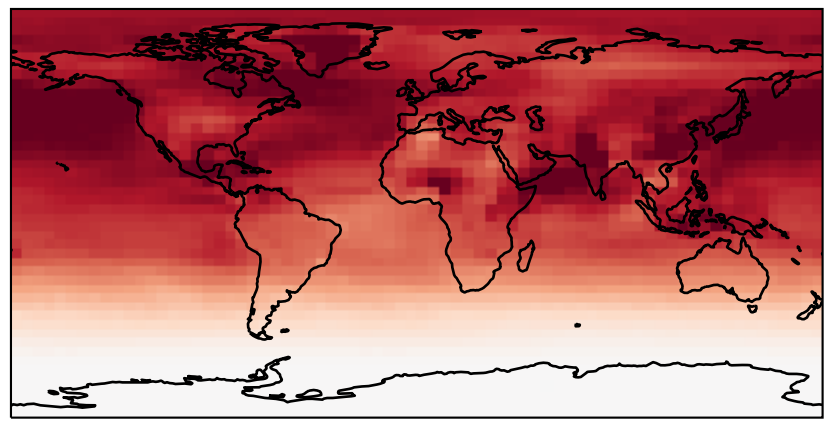


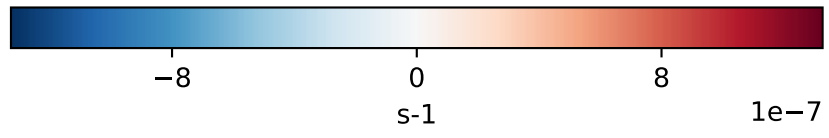

Difference
Dev - Ref, Dynamic Range



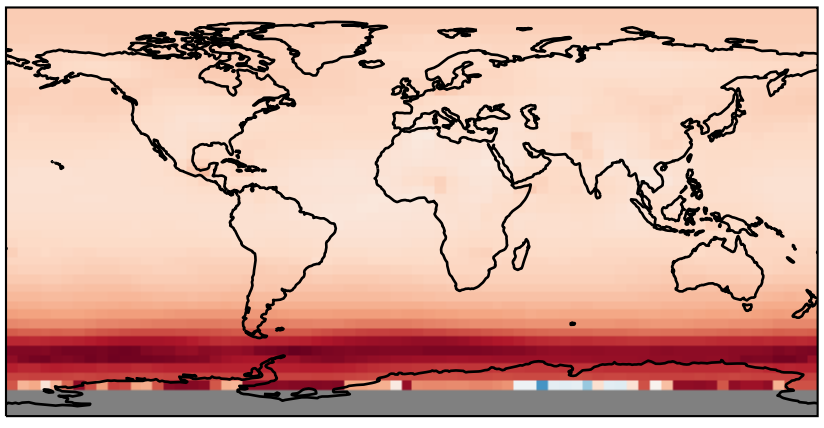


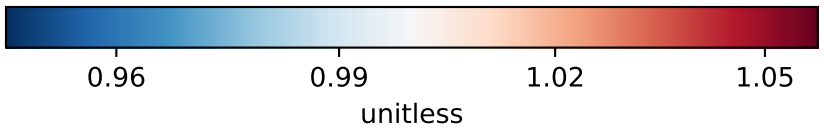

Difference
Dev - Ref, Restricted Range [5%,95%]



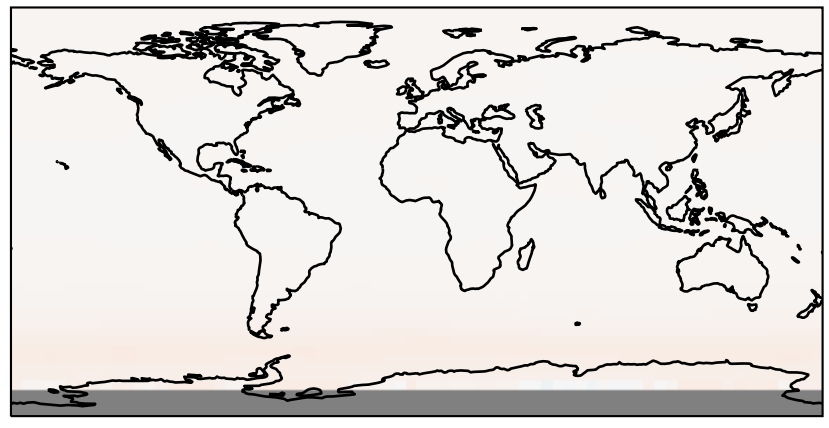


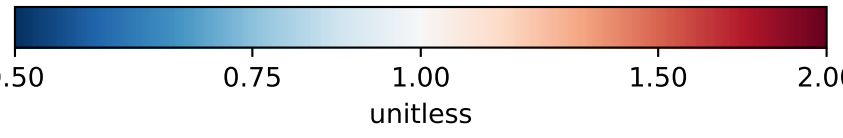

Ratio
Dev/Ref, Dynamic Range





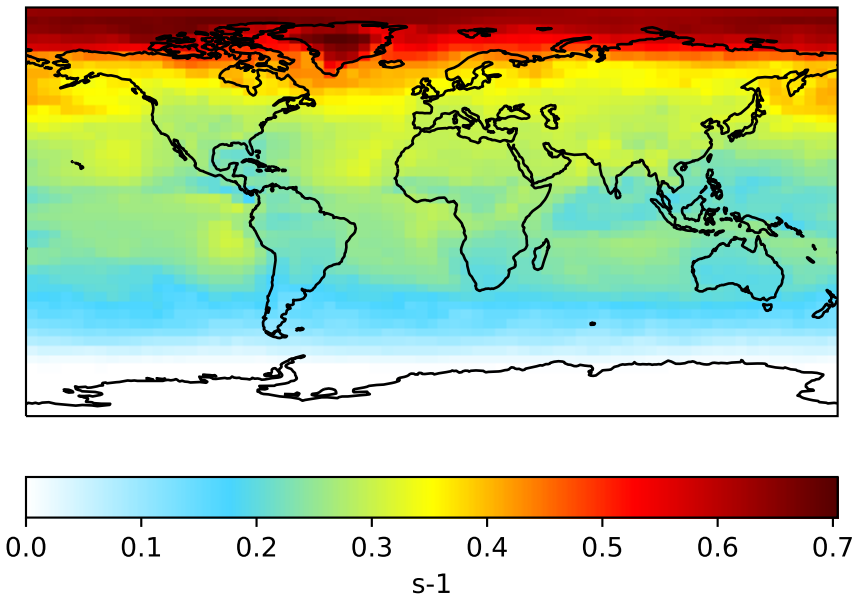

Ratio
Dev/Ref, Fixed Range



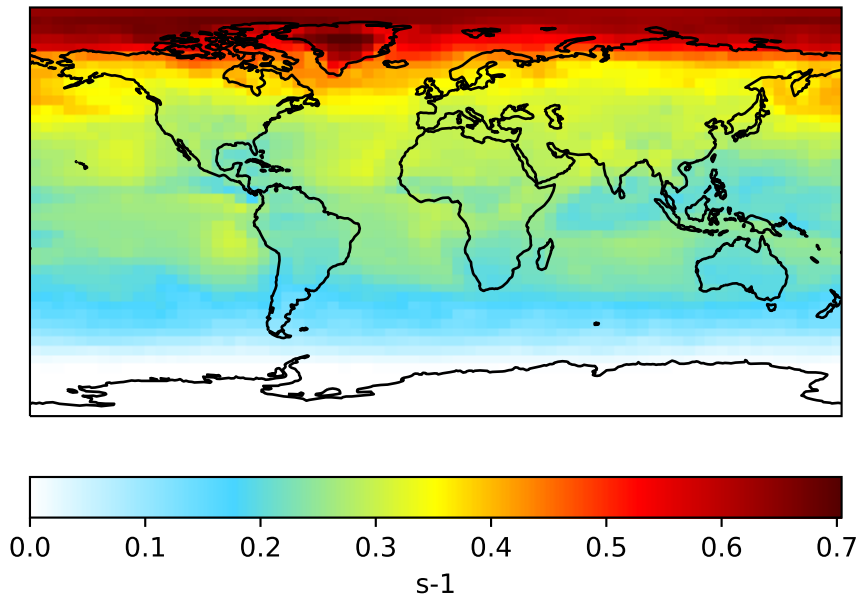


# Jval_ClOO (Jul2019)

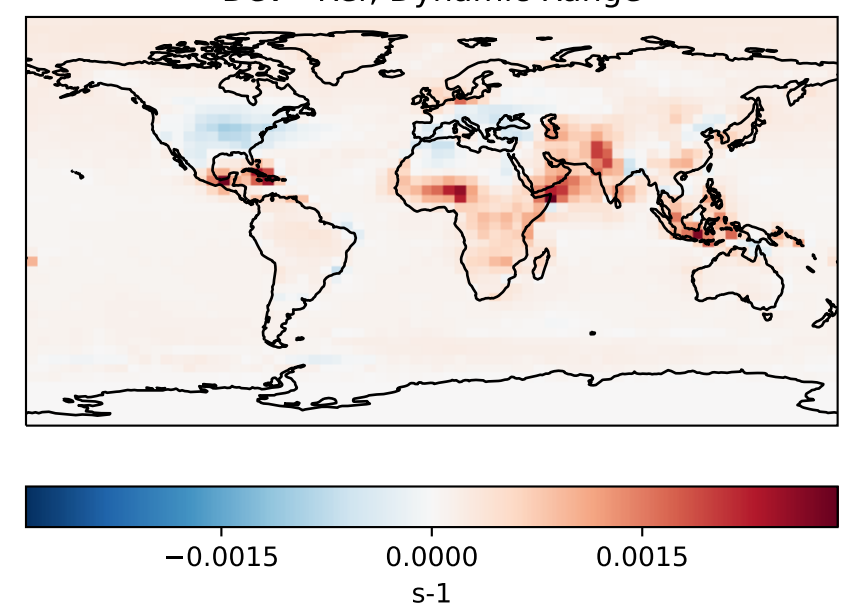
GCC_13.0.0 (Ref)
4.0x5.0



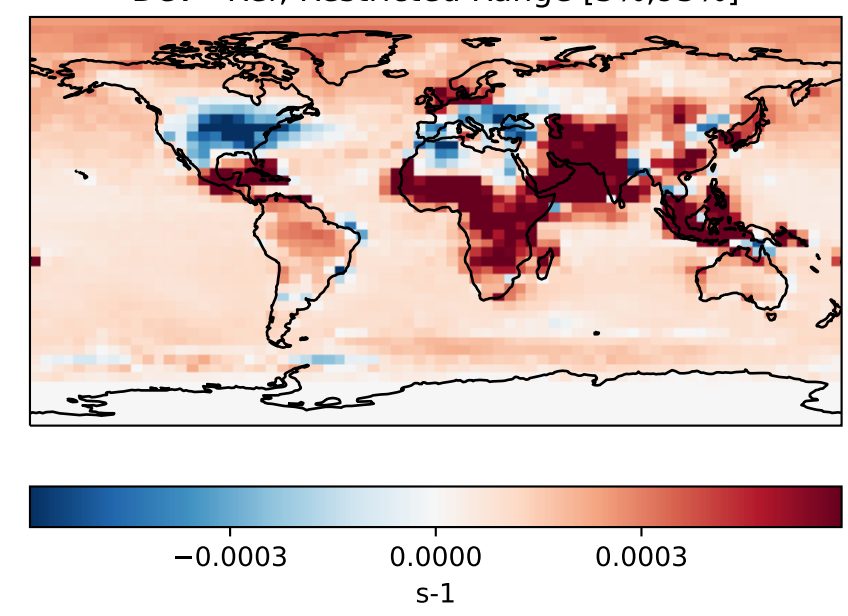

GCC_13.2.0 (Dev)
4.0x5.0



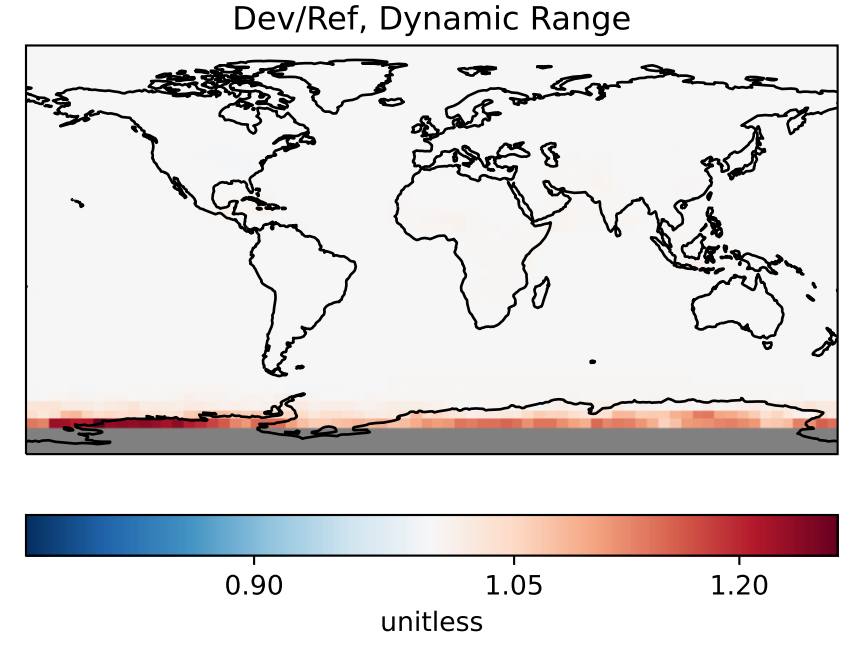

Difference
Dev - Ref, Dynamic Range



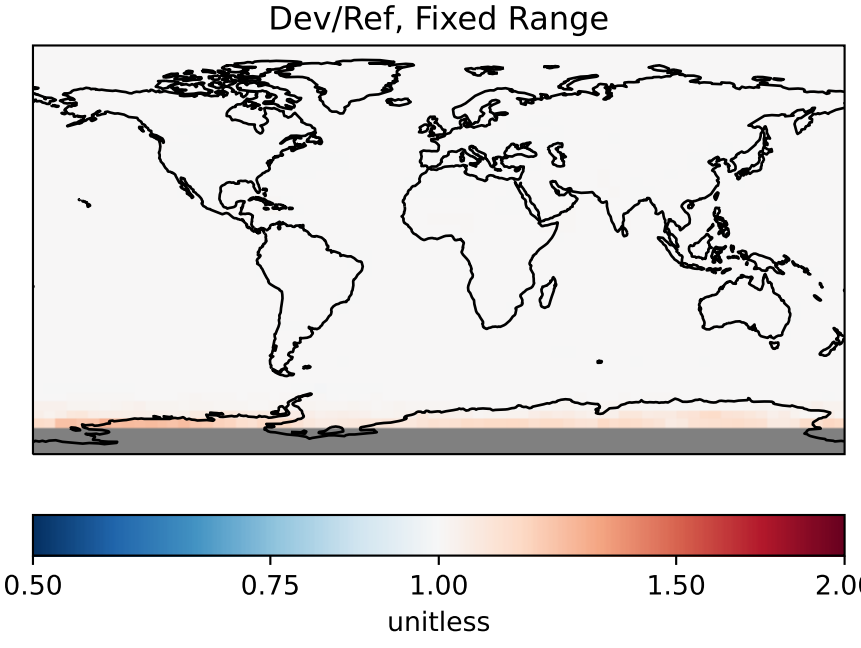

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

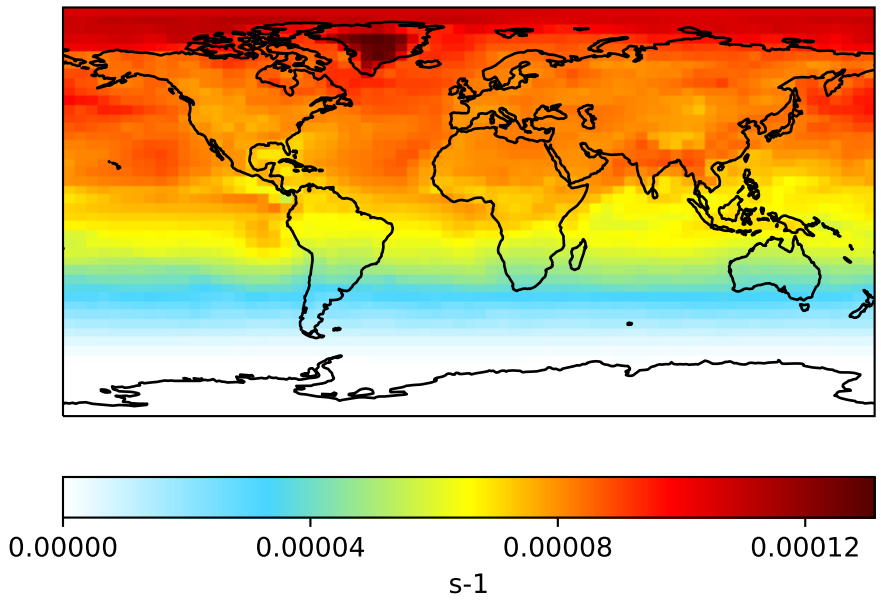



Ratio
Dev/Ref, Fixed Range

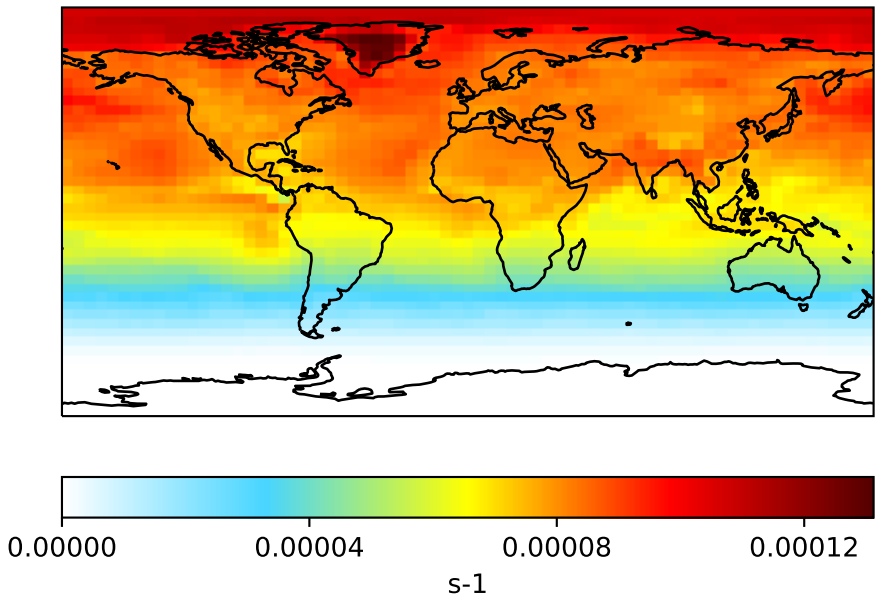


# Jval_ETHLN (Jul2019)

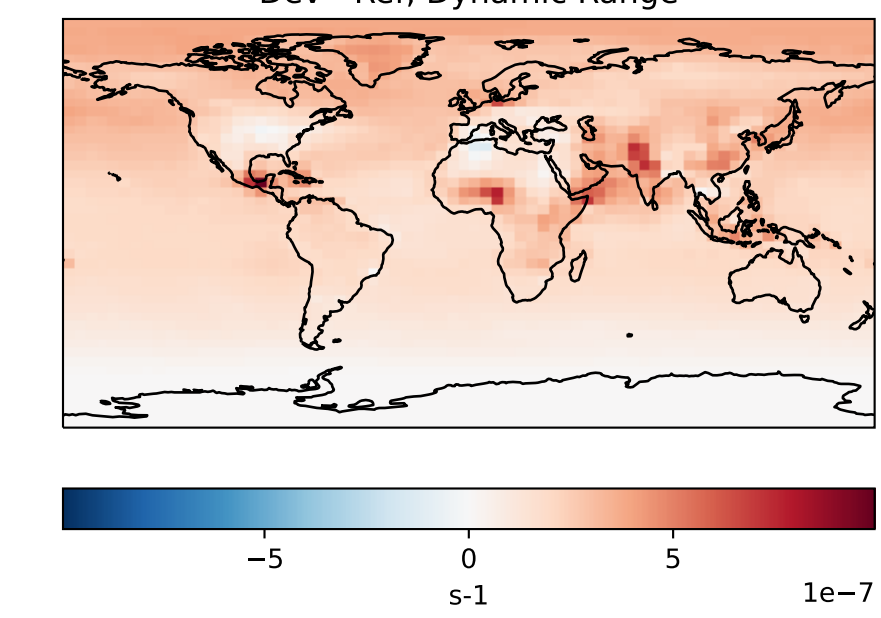
GCC_13.0.0 (Ref)
4.0x5.0



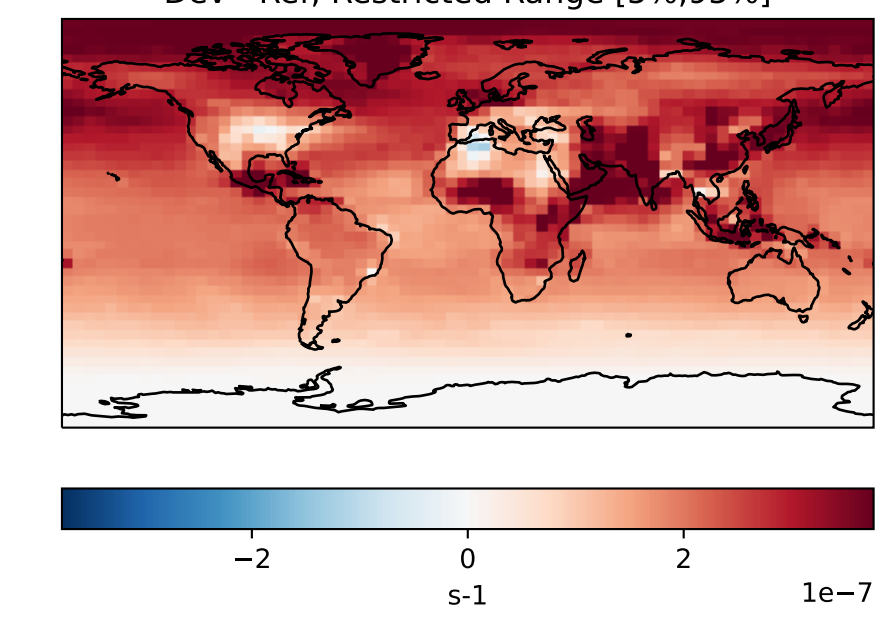

GCC_13.2.0 (Dev)
4.0x5.0



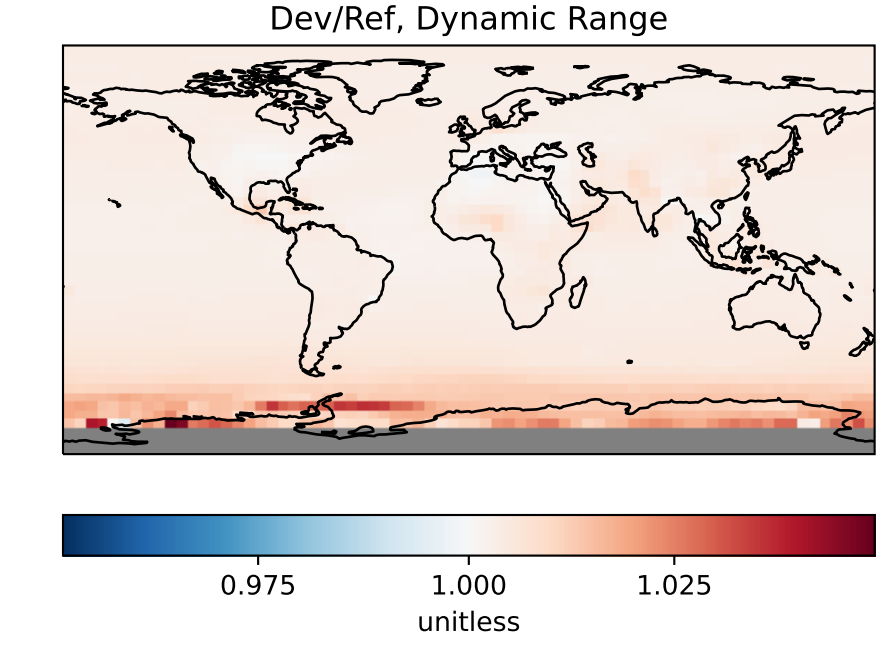

Difference
Dev - Ref, Dynamic Range



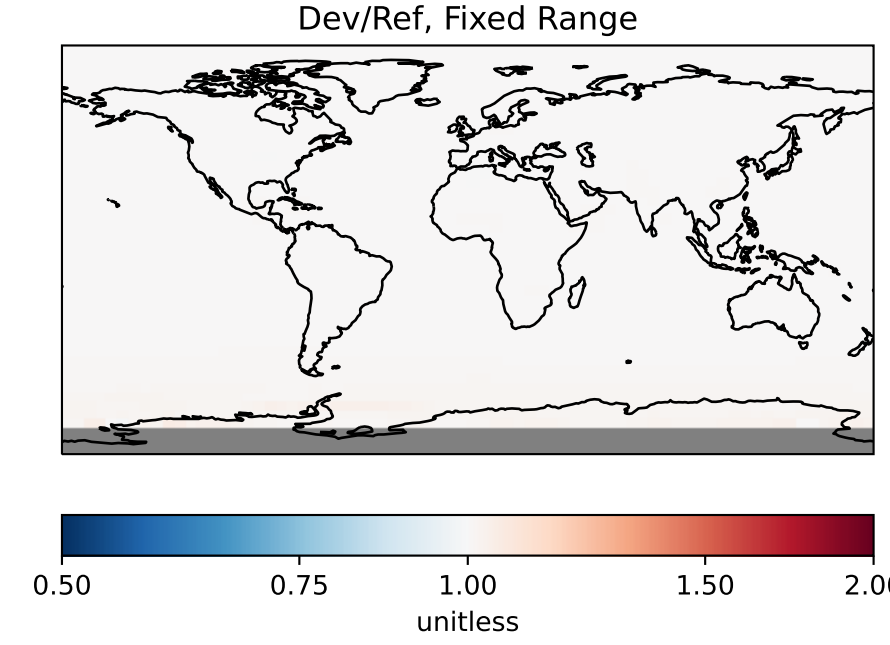

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

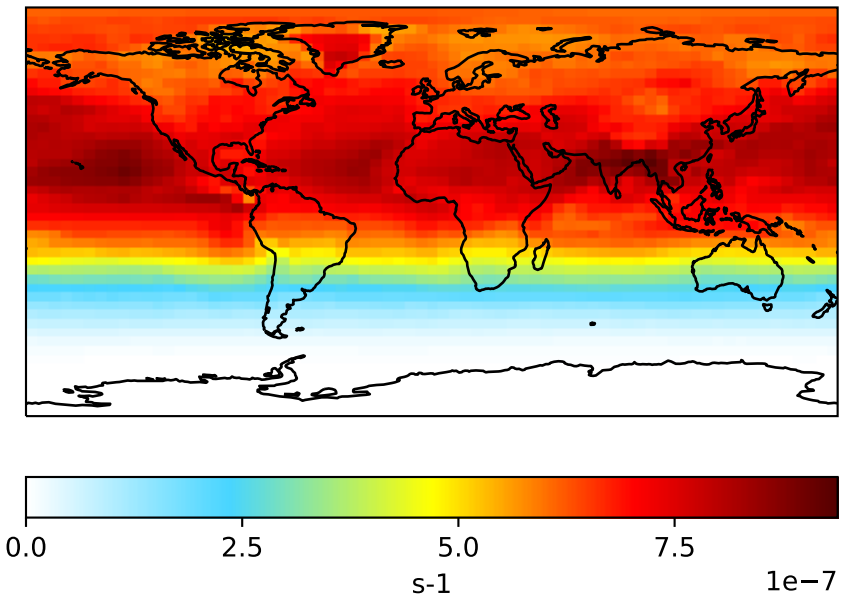



Ratio
Dev/Ref, Fixed Range

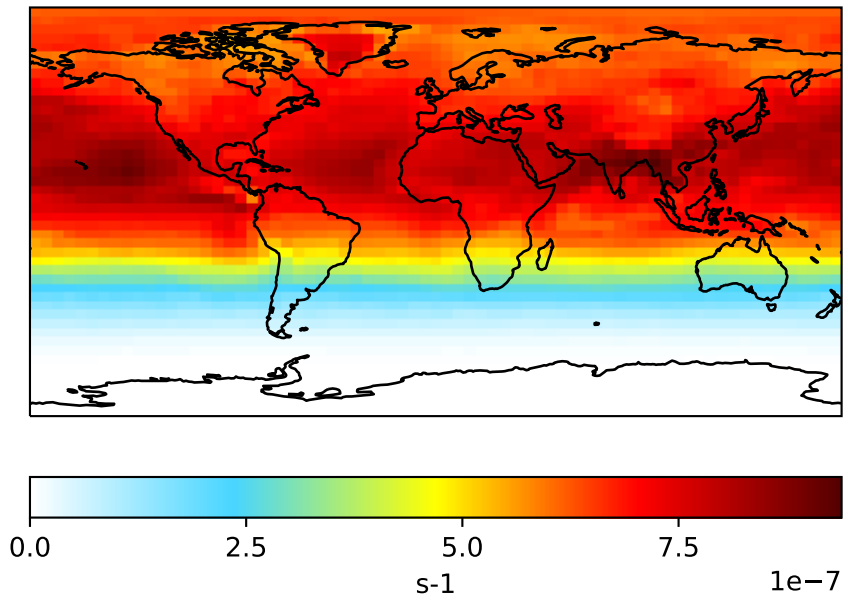


# Jval_ETNO3 (Jul2019)

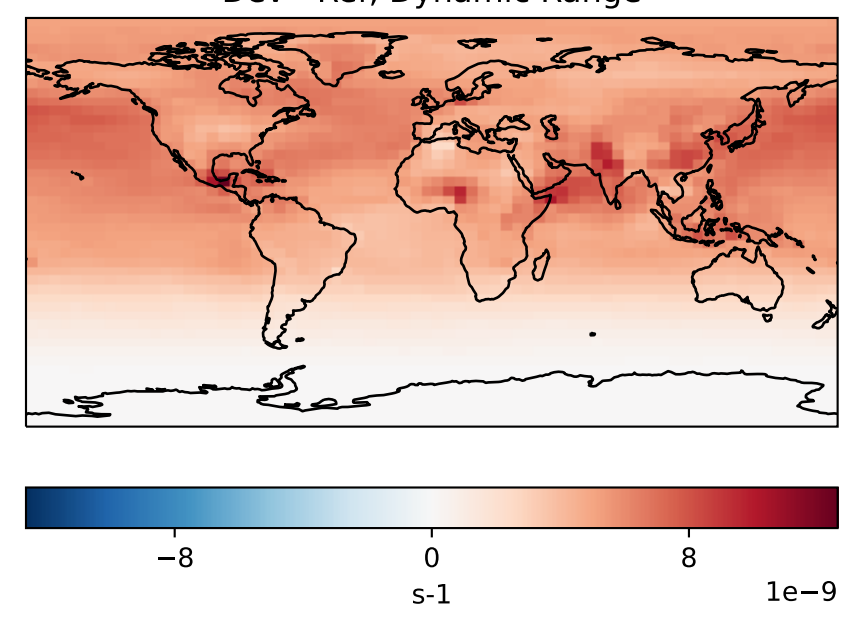
GCC_13.0.0 (Ref)
4.0x5.0



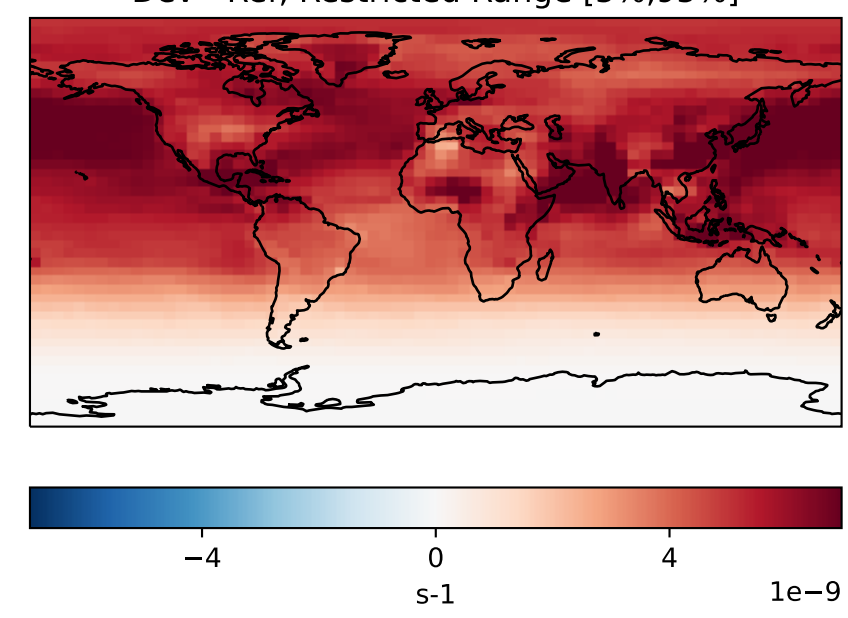

GCC_13.2.0 (Dev)
4.0x5.0



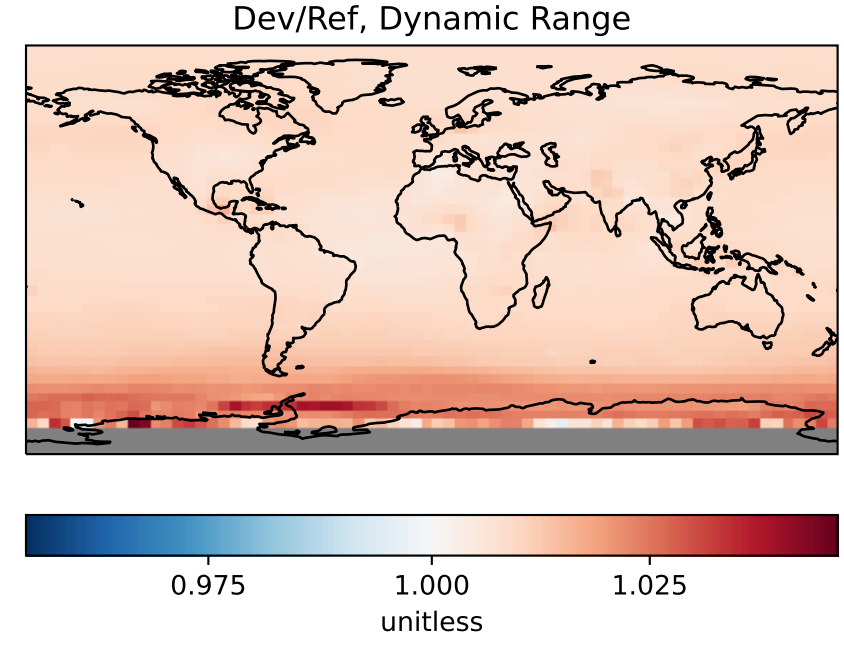

Difference
Dev - Ref, Dynamic Range



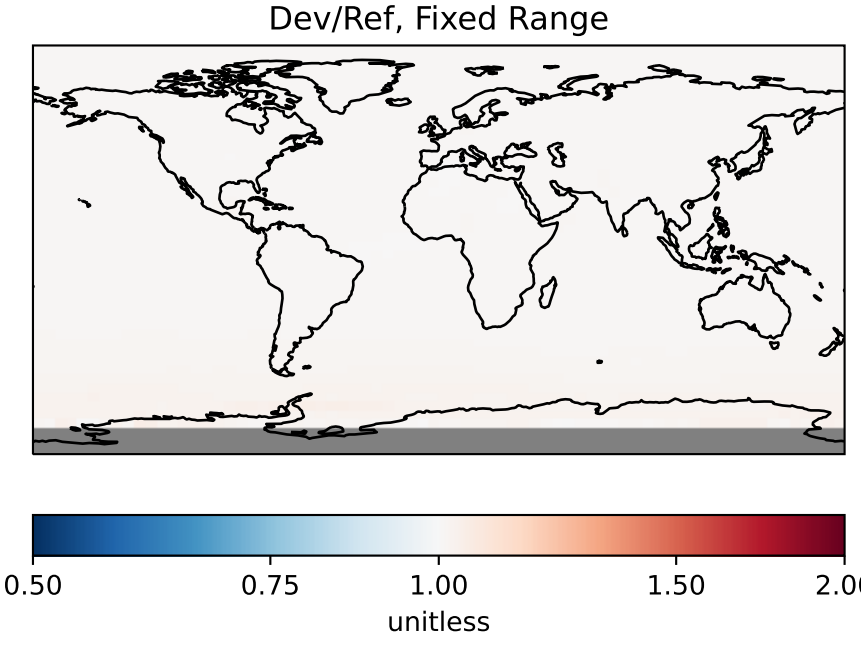

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

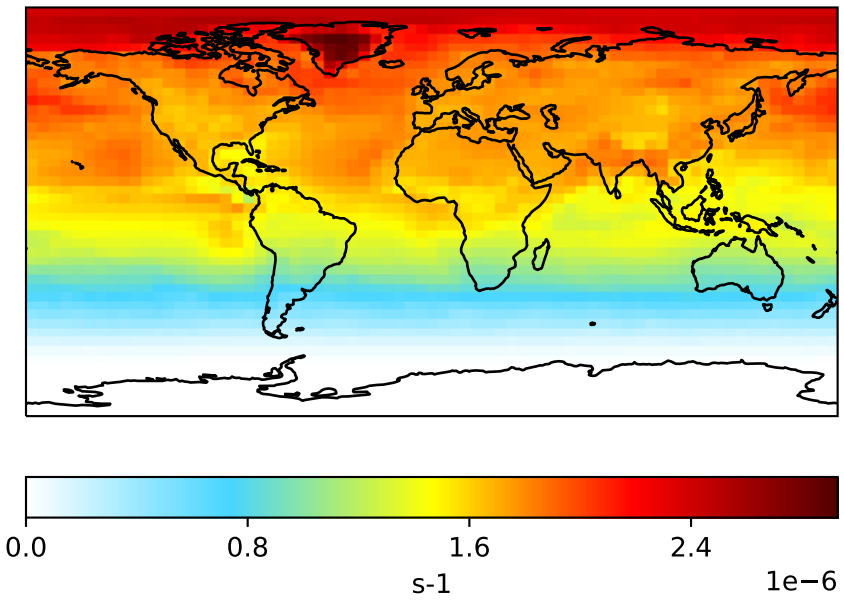



Ratio
Dev/Ref, Fixed Range

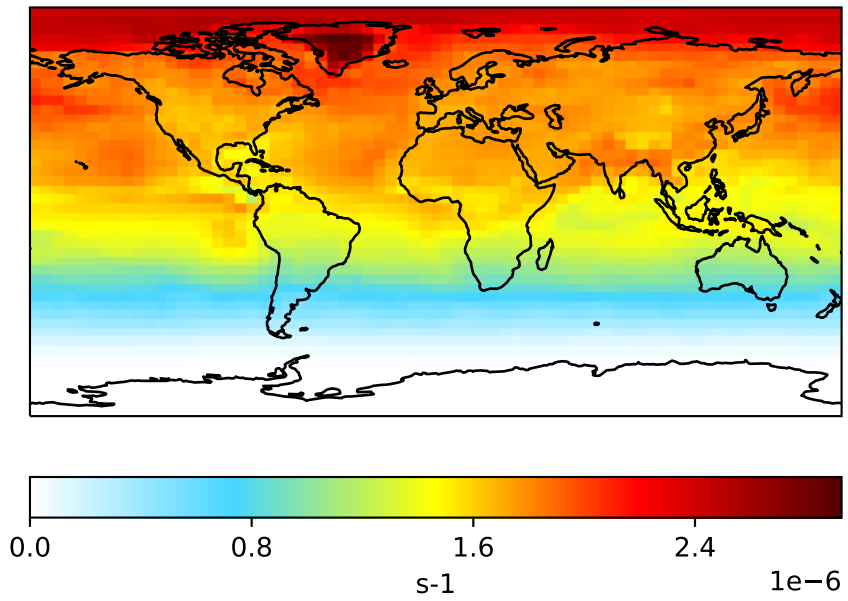


# Jval_ETP (Jul2019)

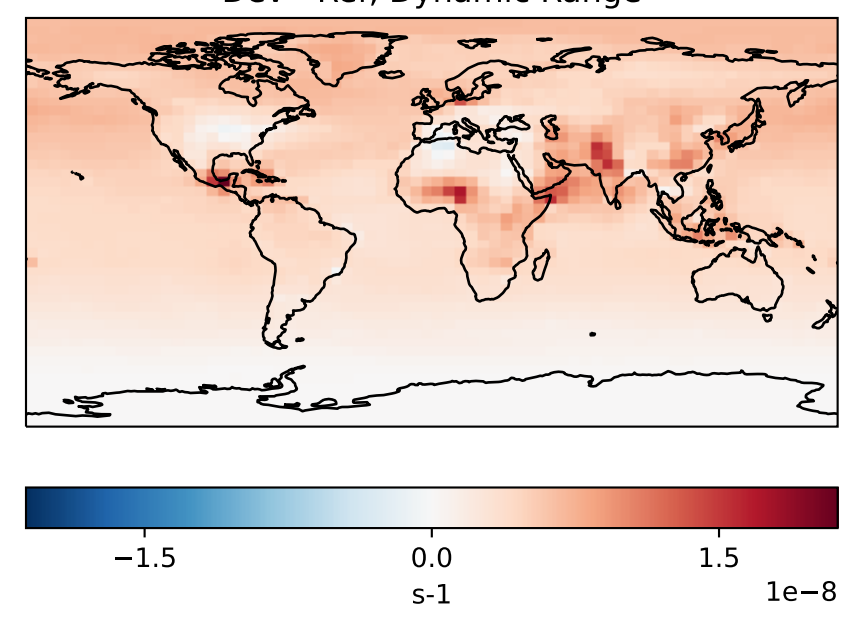
GCC_13.0.0 (Ref)
4.0x5.0



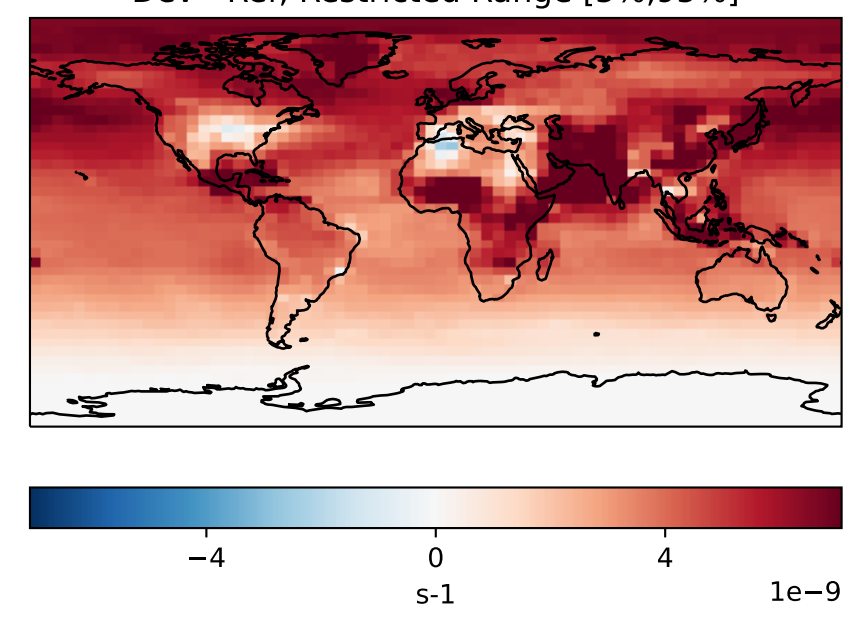

GCC_13.2.0 (Dev)
4.0x5.0



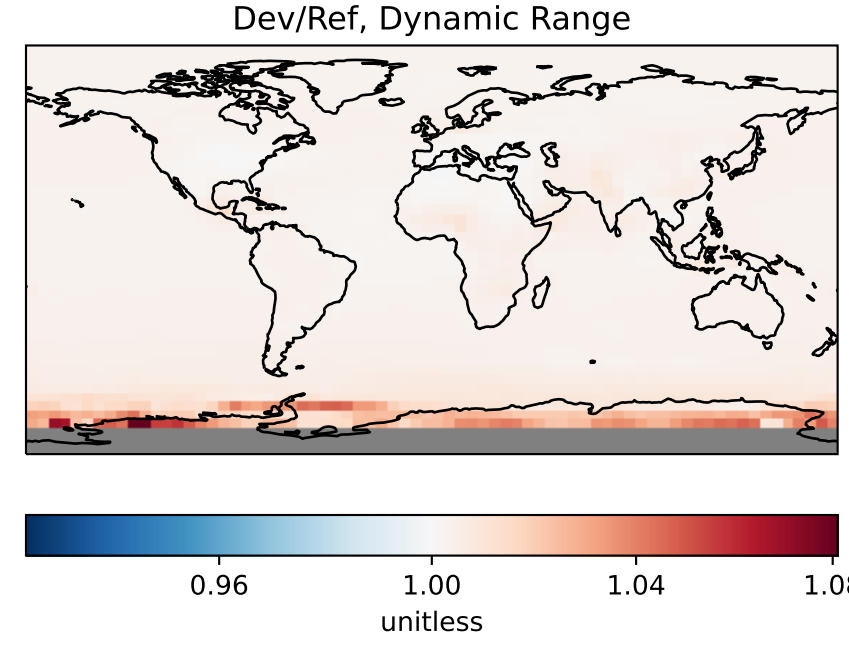

Difference
Dev - Ref, Dynamic Range



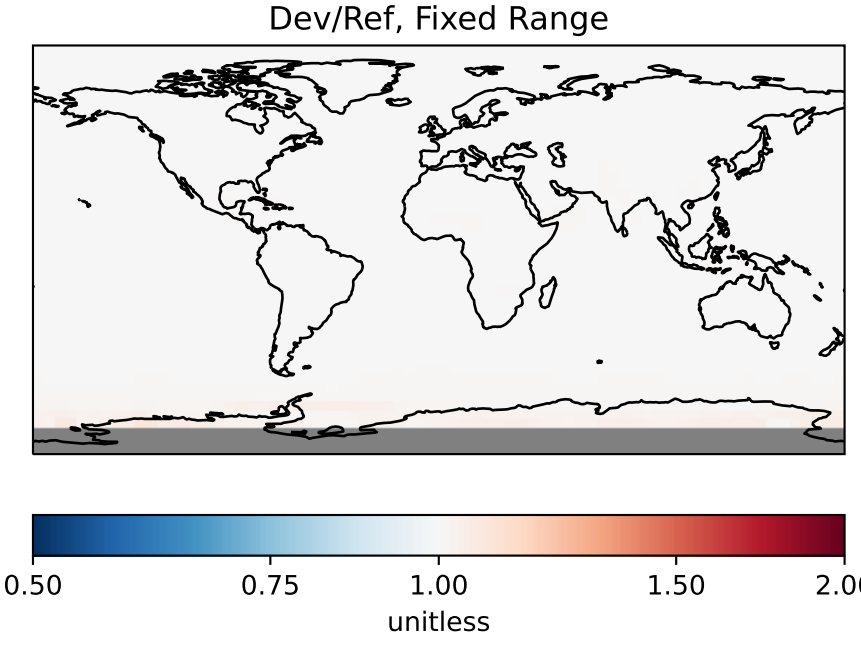

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

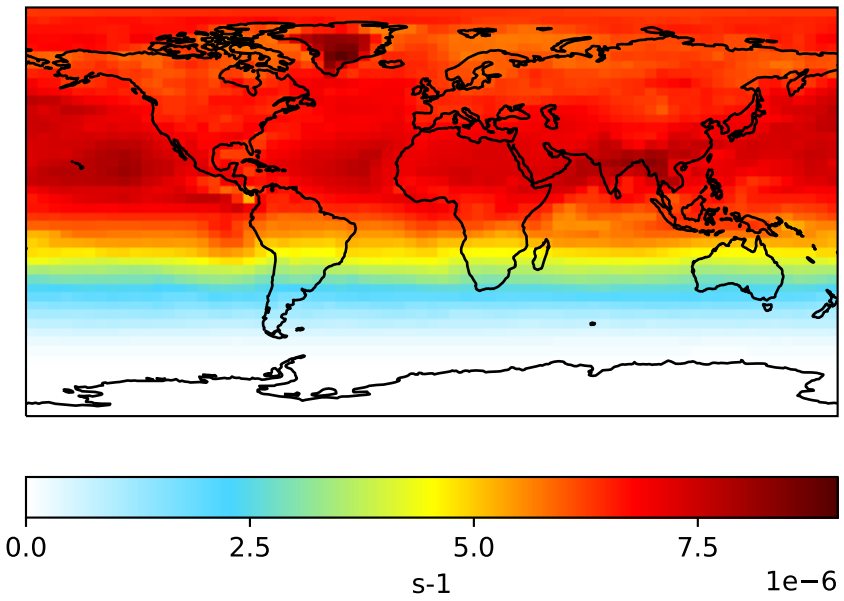



Ratio
Dev/Ref, Fixed Range

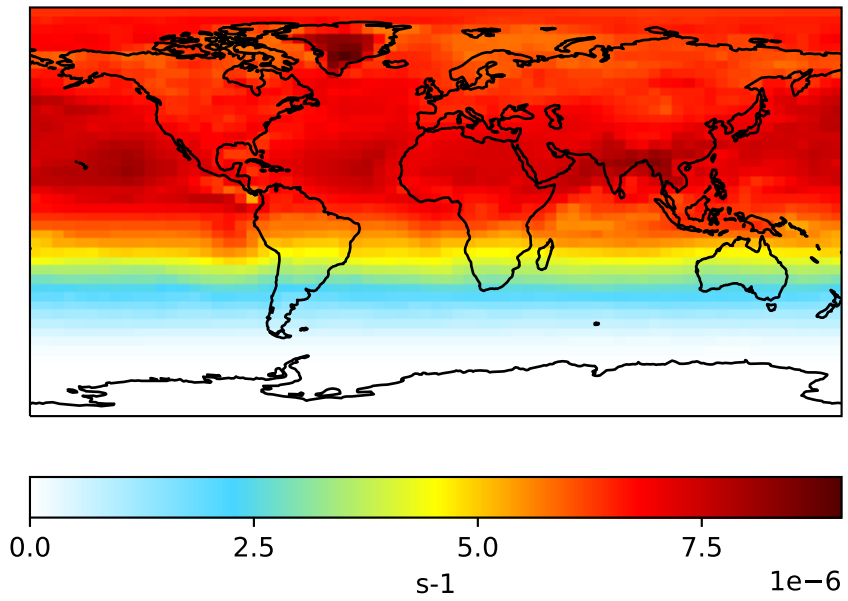


# Jval_GLYC (Jul2019)

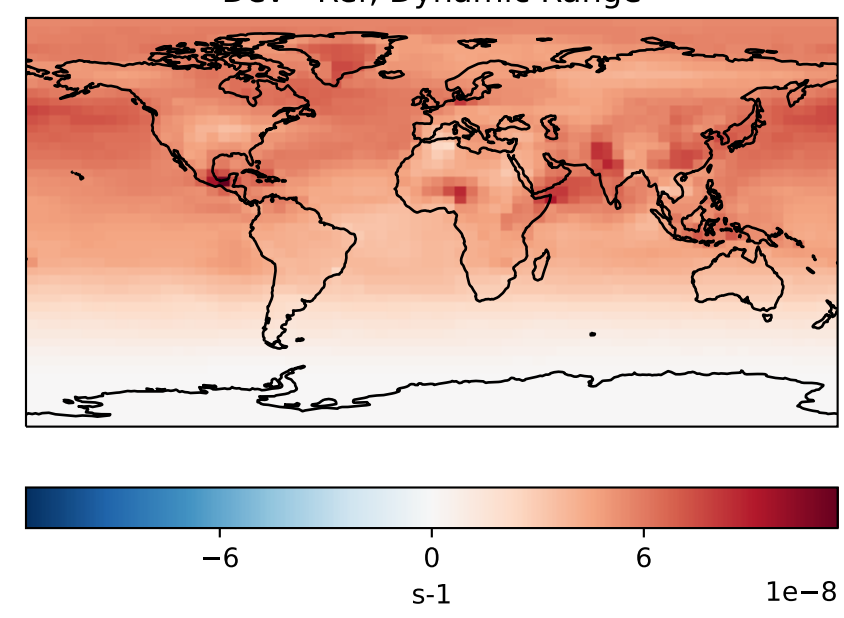
GCC_13.0.0 (Ref)
4.0x5.0



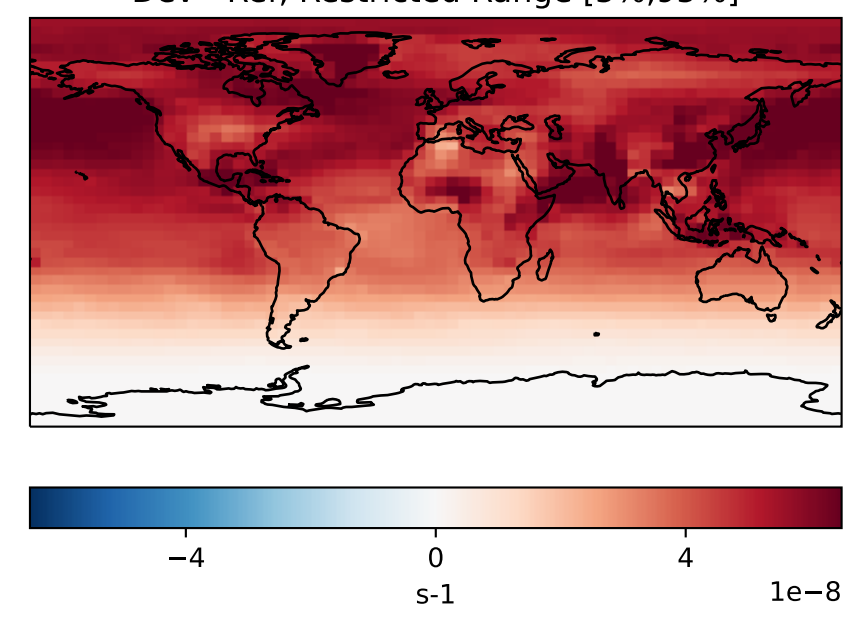

GCC_13.2.0 (Dev)
4.0x5.0



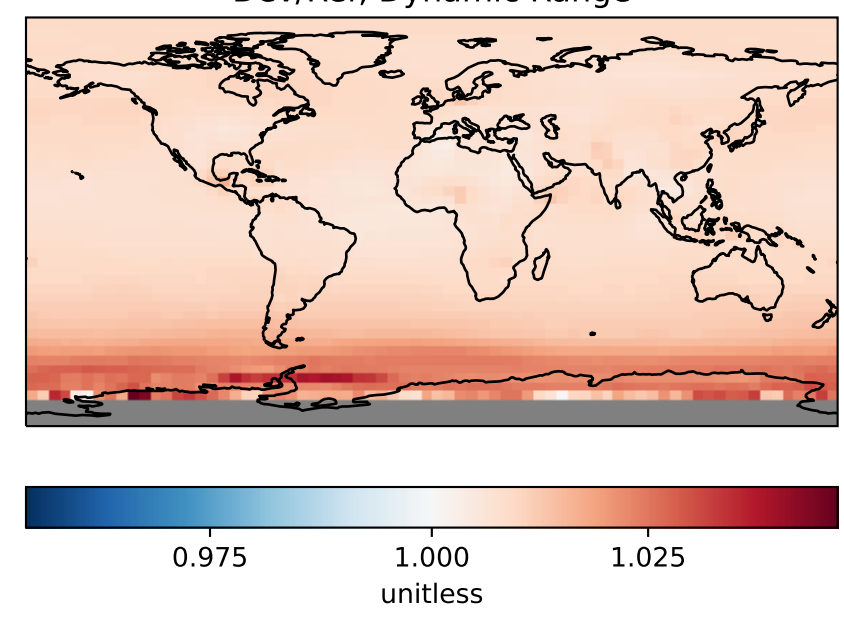

Difference
Dev - Ref, Dynamic Range



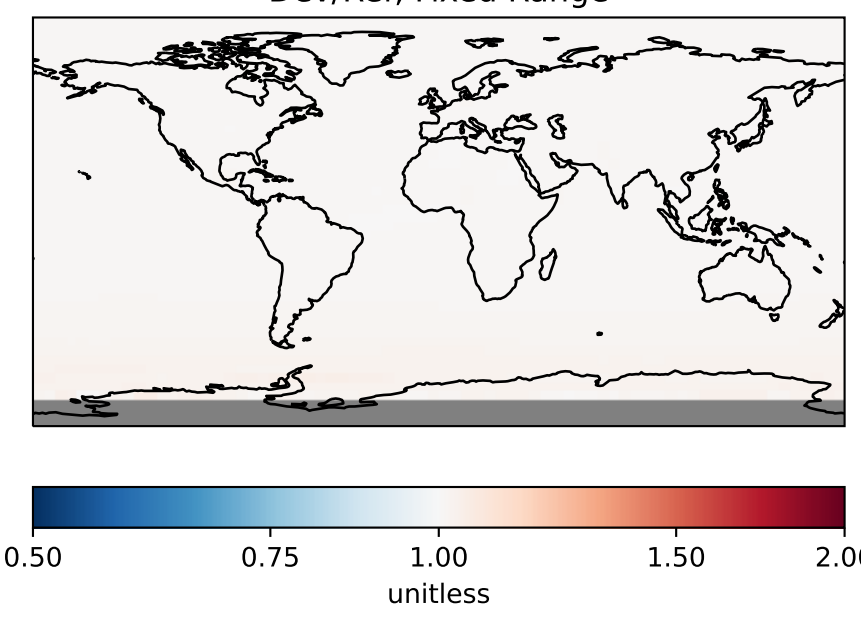

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

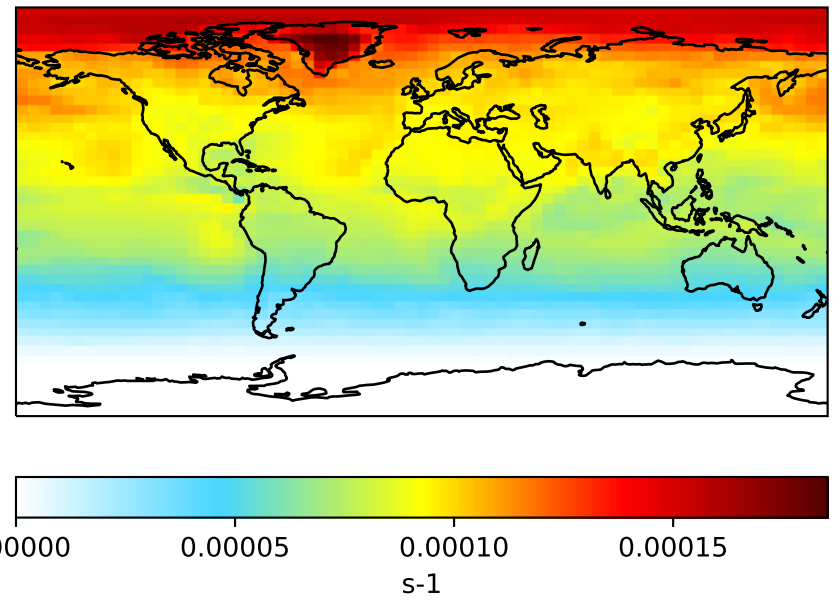



Ratio
Dev/Ref, Fixed Range

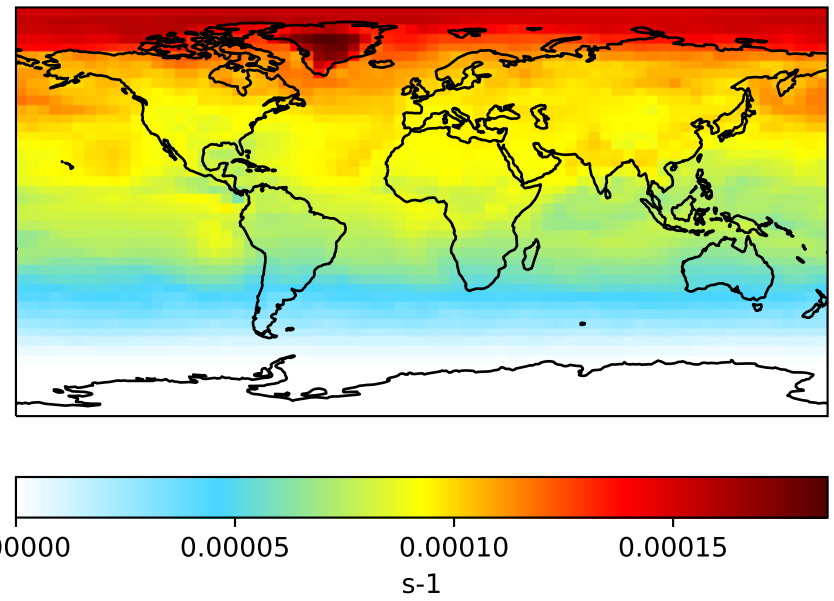


# Jval_GLYX (Jul2019)

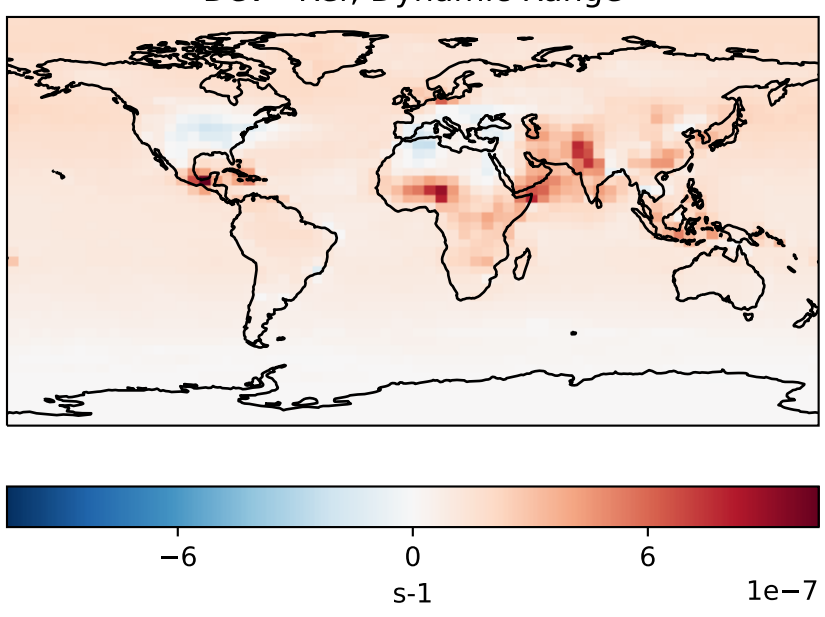
GCC_13.0.0 (Ref)
4.0x5.0



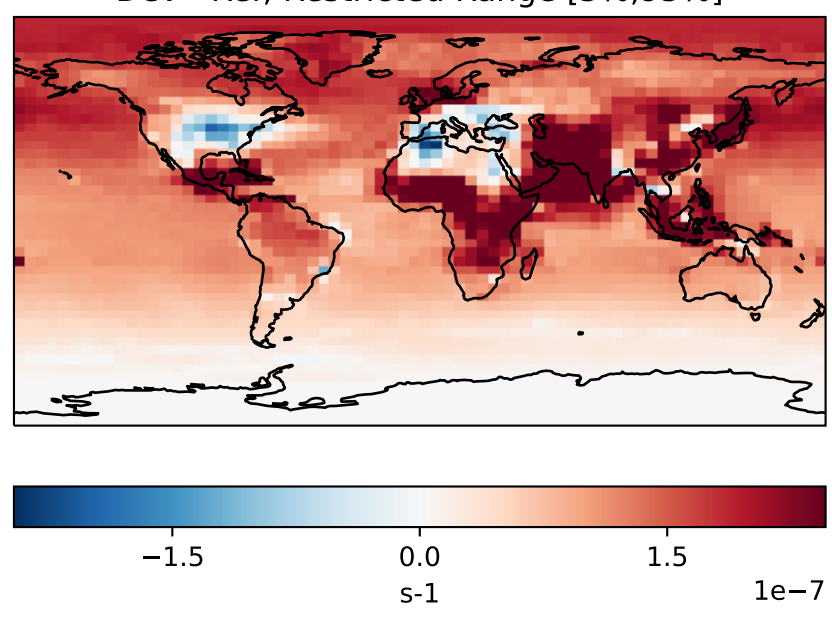

GCC_13.2.0 (Dev)
4.0x5.0



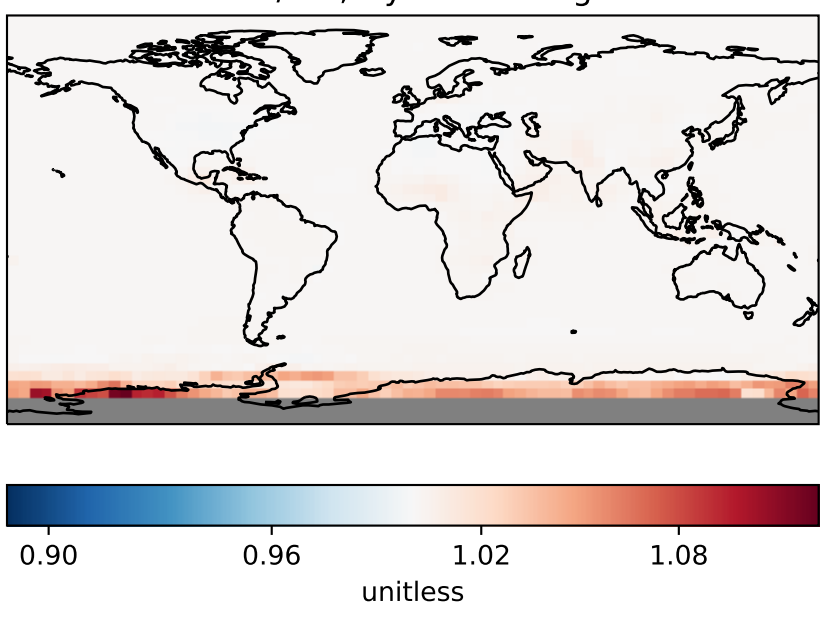

Difference
Dev - Ref, Dynamic Range



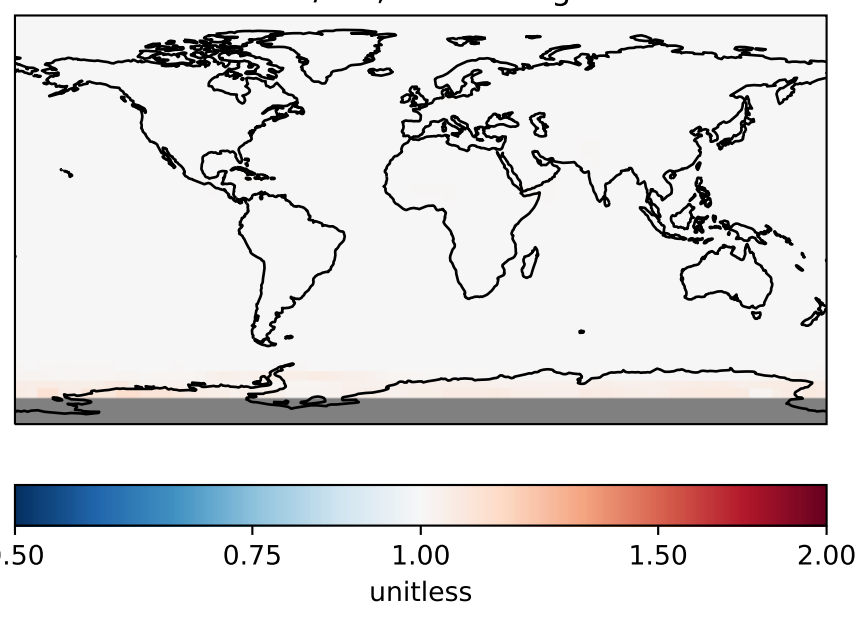

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

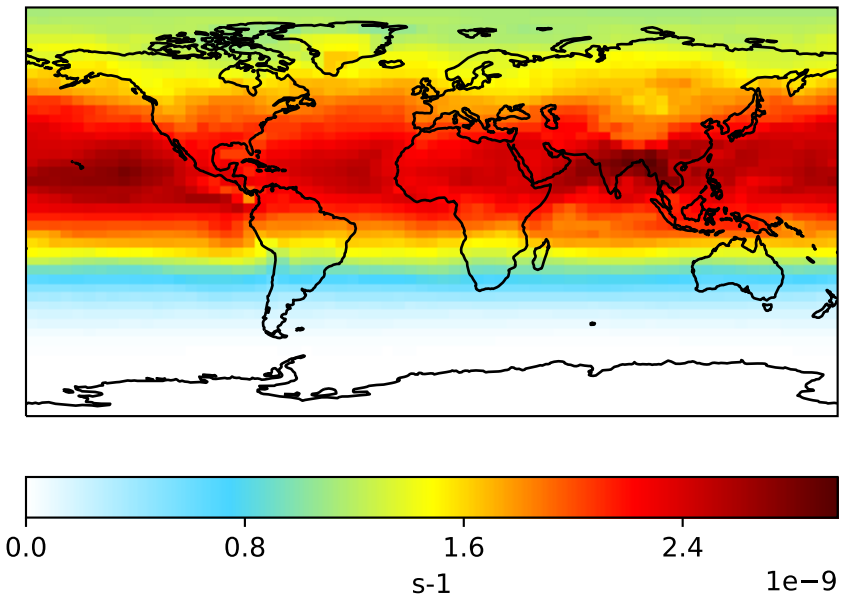



Ratio
Dev/Ref, Fixed Range

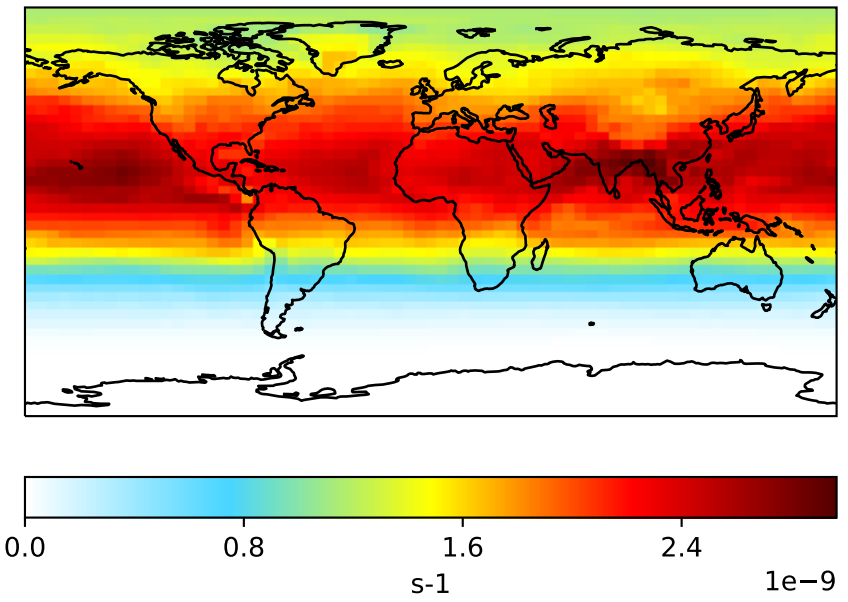


# Jval_H1211 (Jul2019)

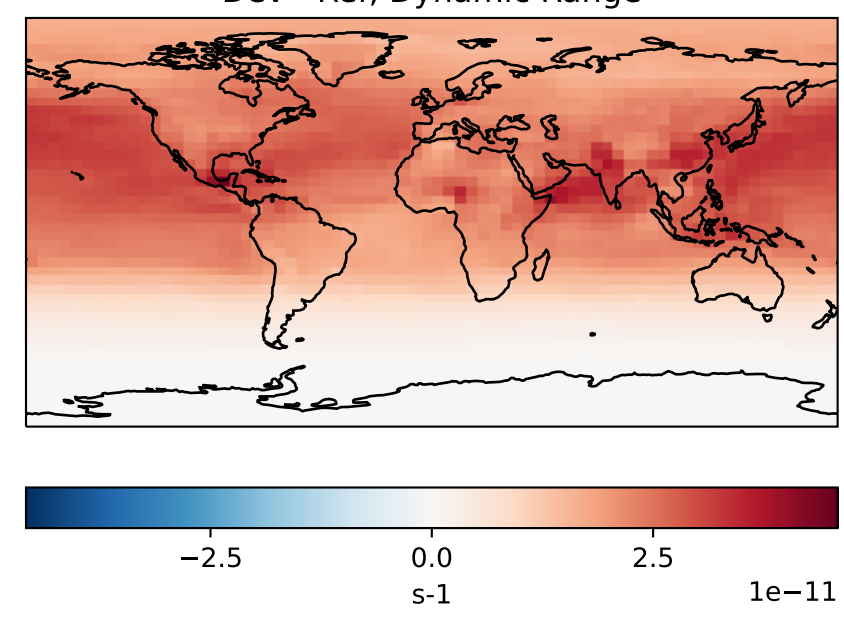
GCC_13.0.0 (Ref)
4.0x5.0



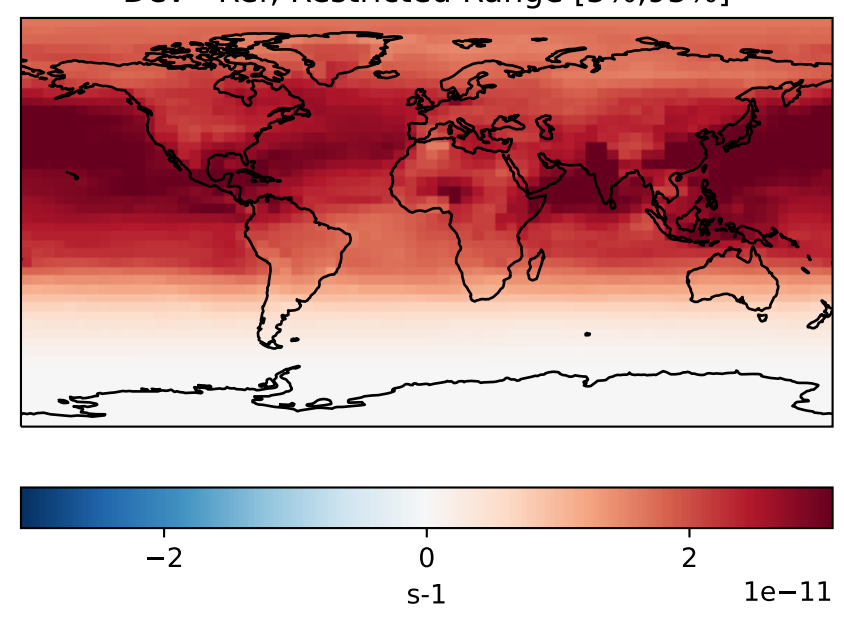

GCC_13.2.0 (Dev)
4.0x5.0



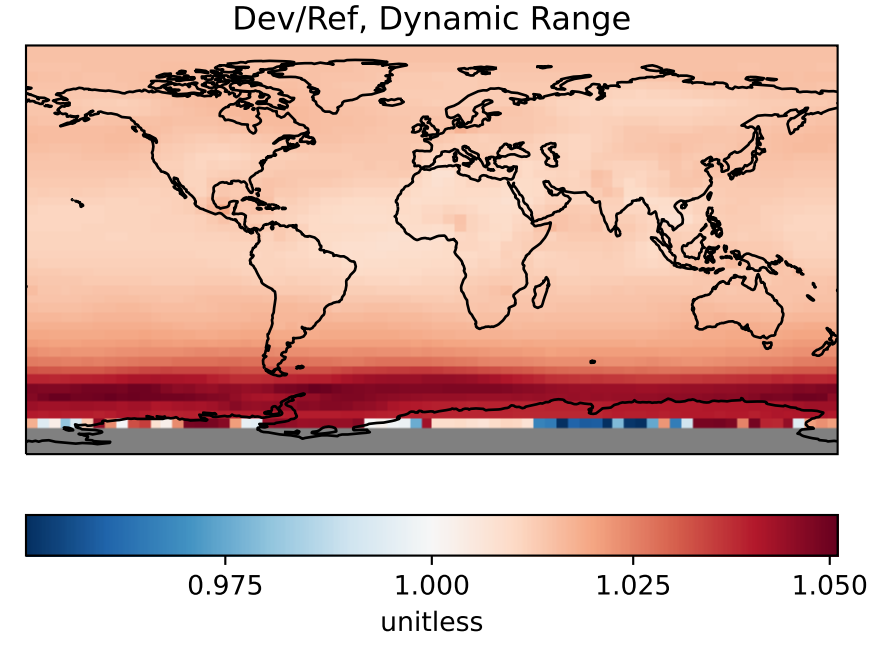

Difference
Dev - Ref, Dynamic Range



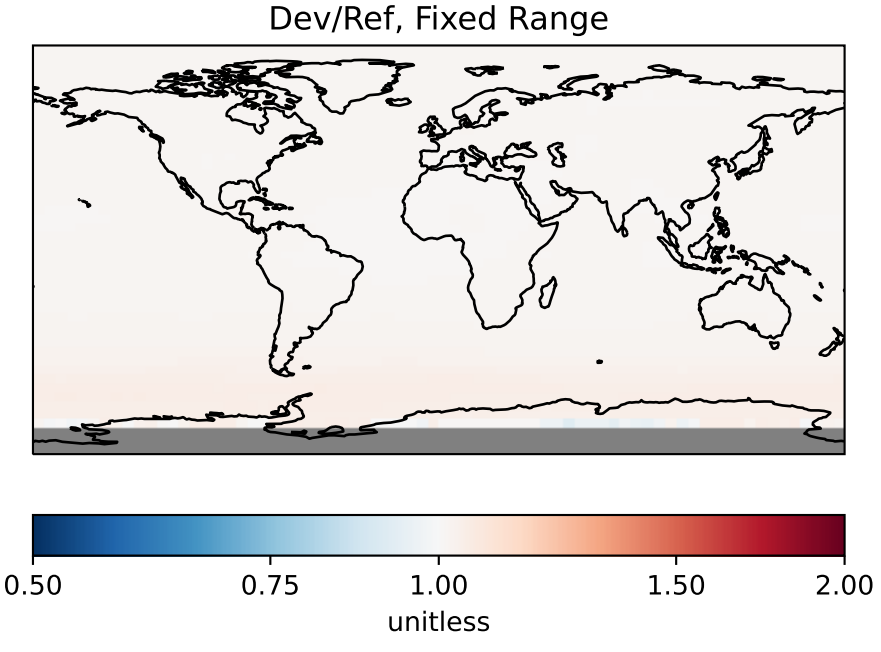

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

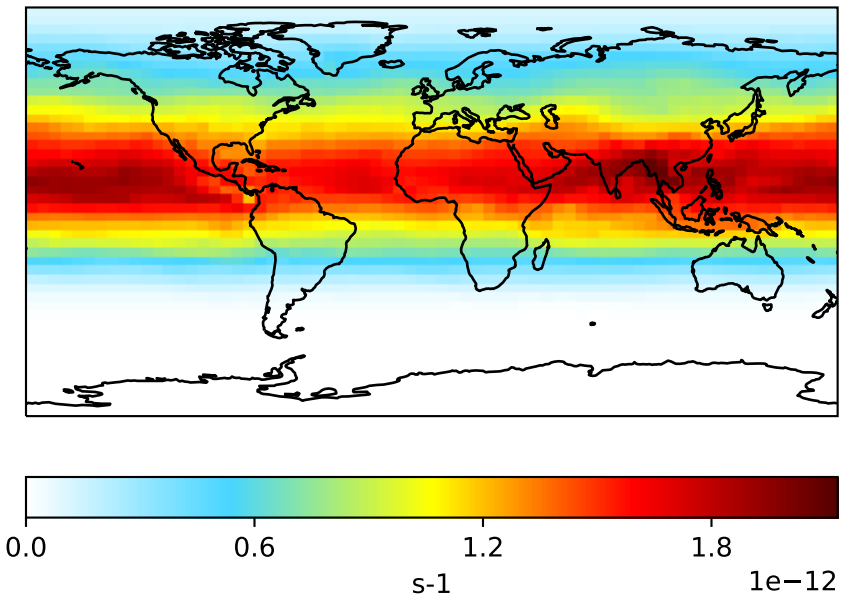



Ratio
Dev/Ref, Fixed Range

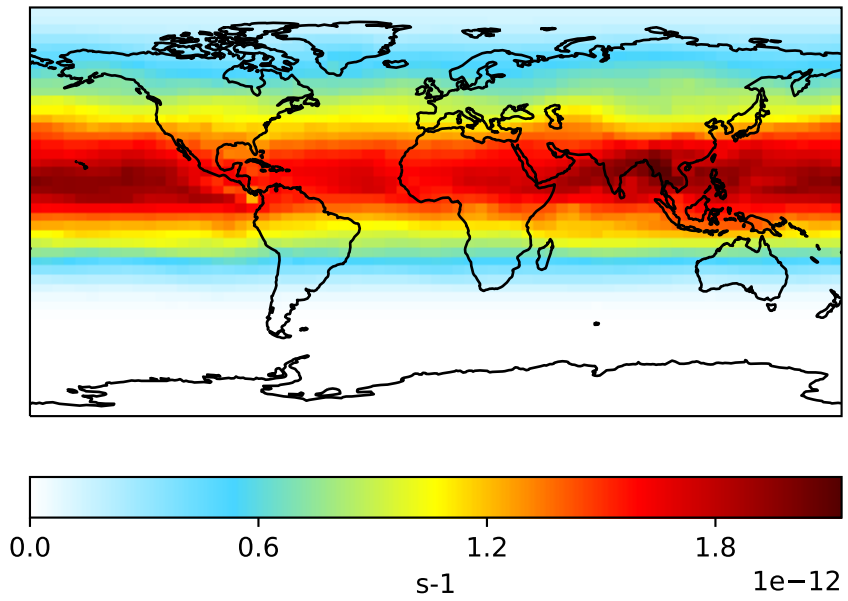


# Jval_H1301 (Jul2019)

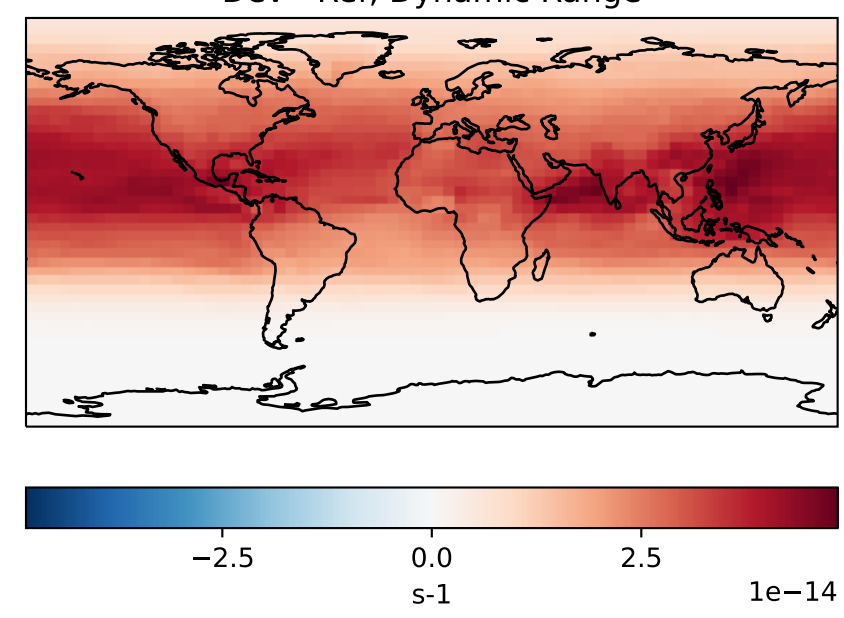
GCC_13.0.0 (Ref)
4.0x5.0



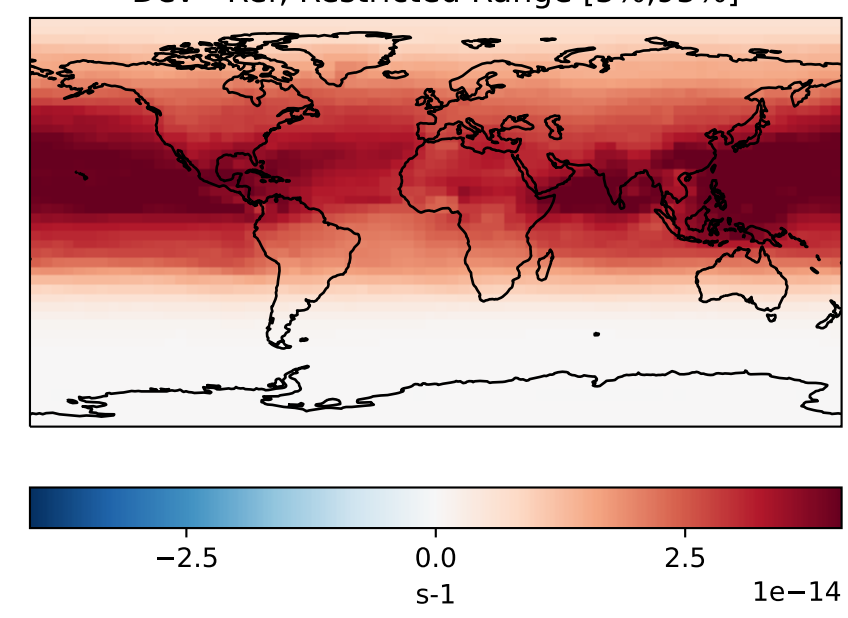

GCC_13.2.0 (Dev)
4.0x5.0



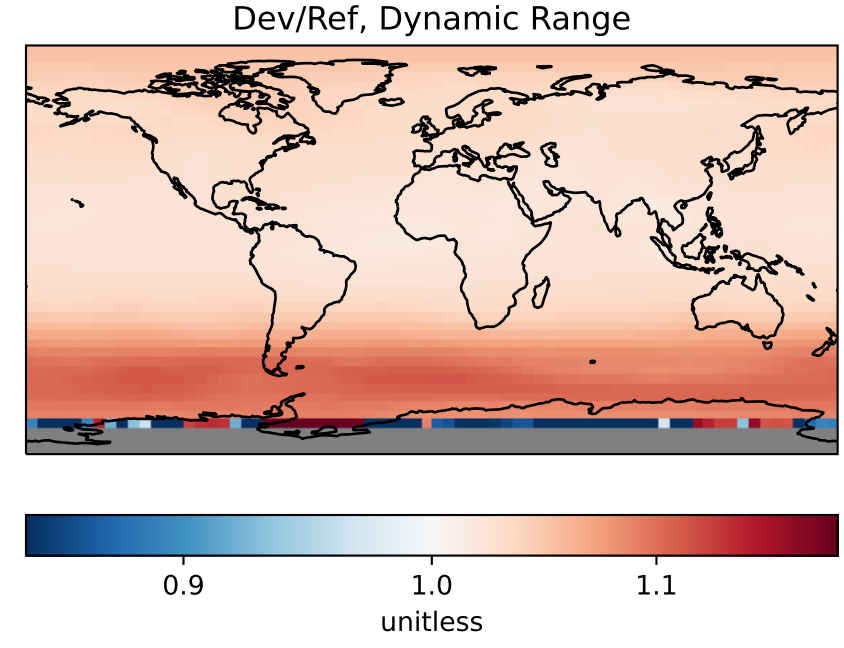

Difference
Dev - Ref, Dynamic Range



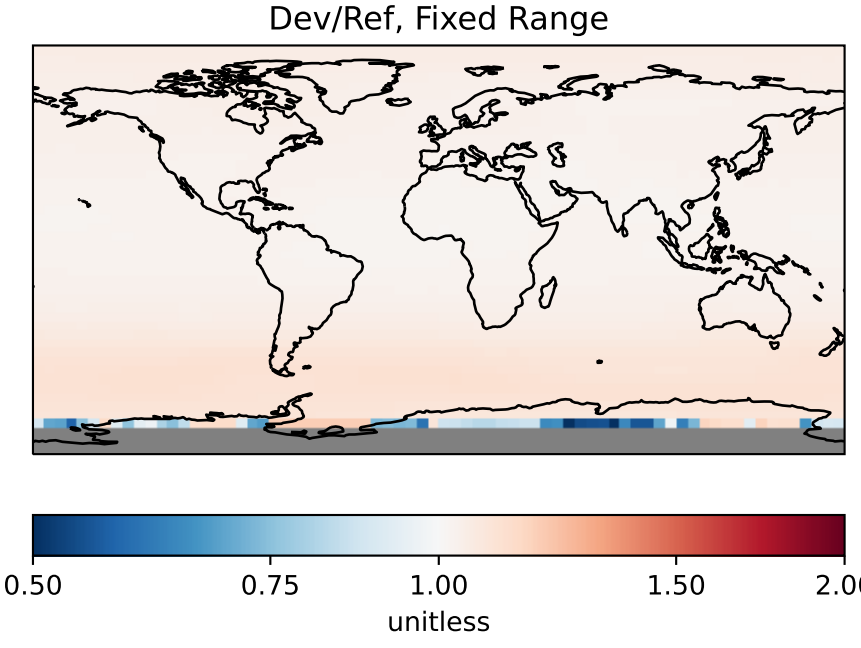

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

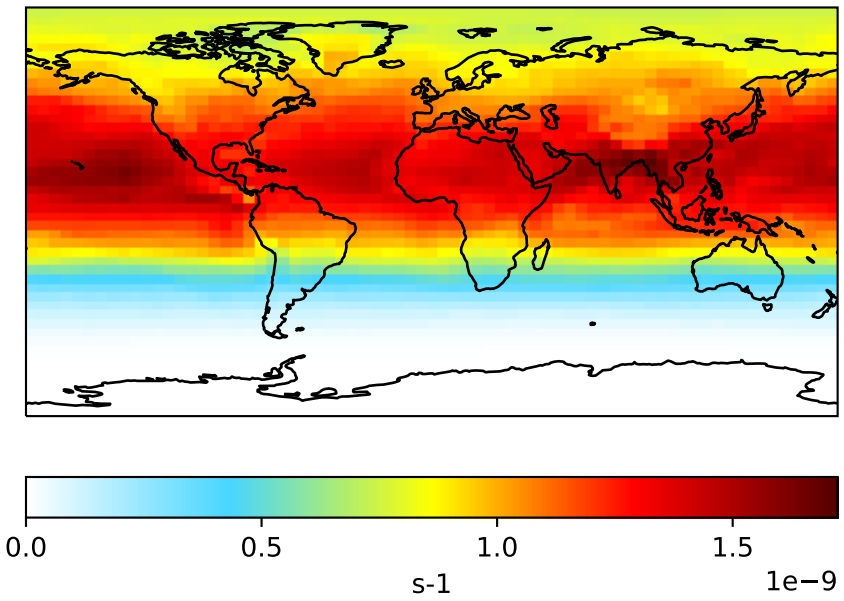



Ratio
Dev/Ref, Fixed Range

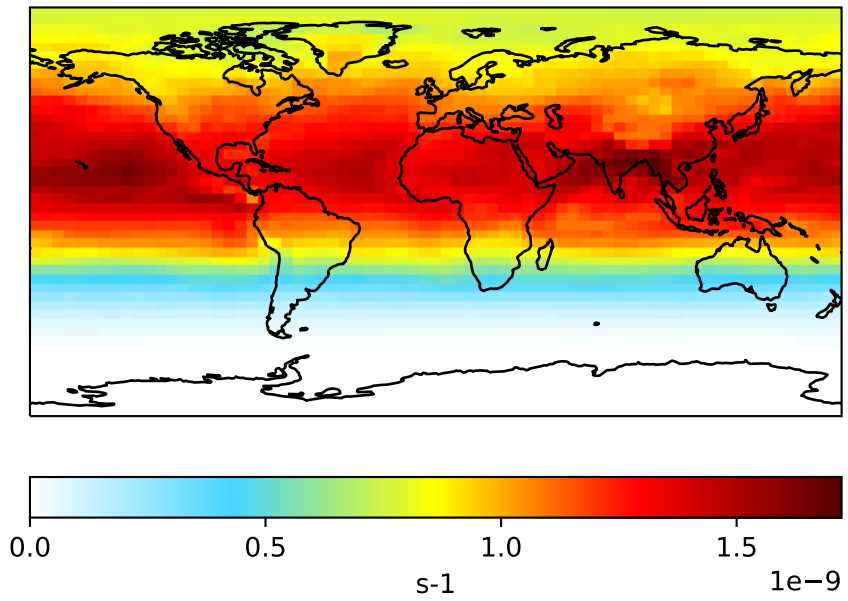


# Jval_H2402 (Jul2019)

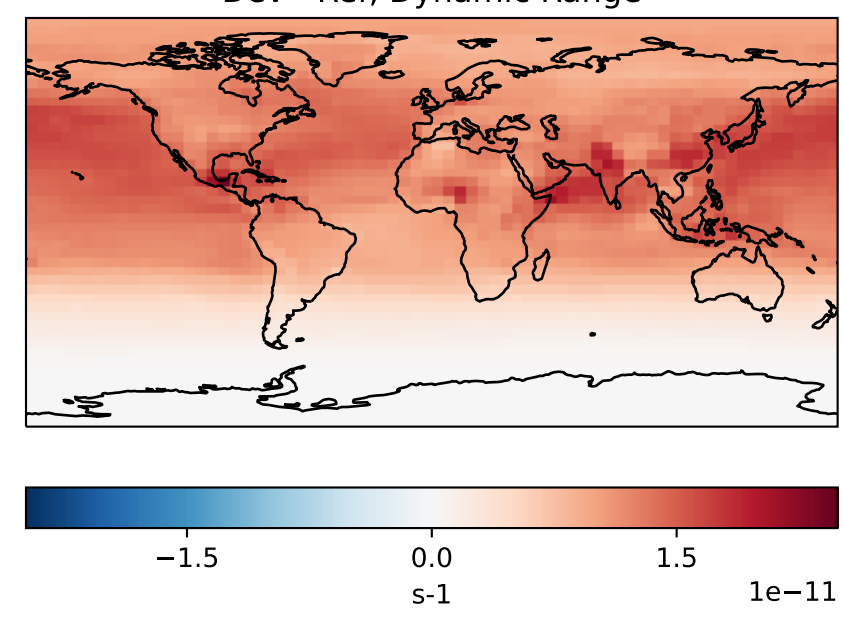
GCC_13.0.0 (Ref)
4.0x5.0



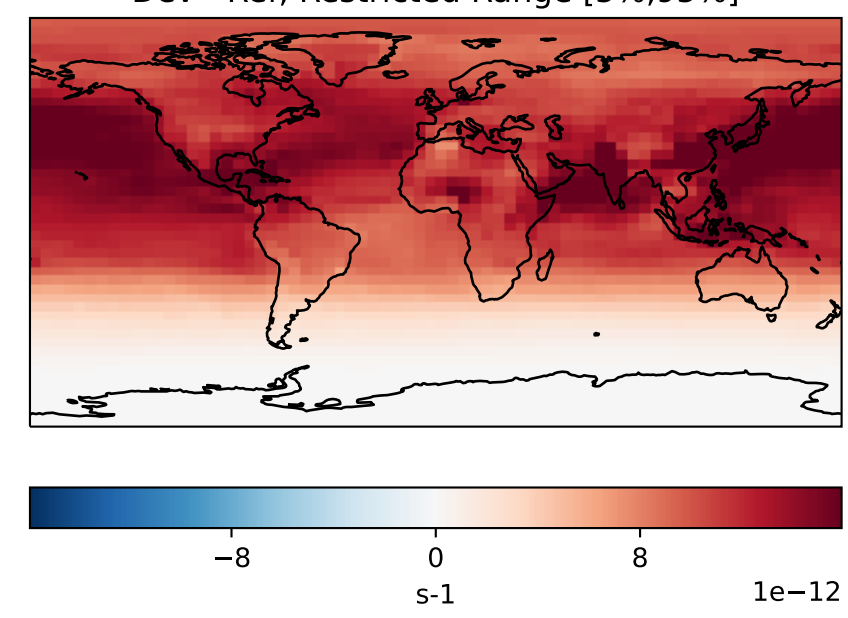

GCC_13.2.0 (Dev)
4.0x5.0



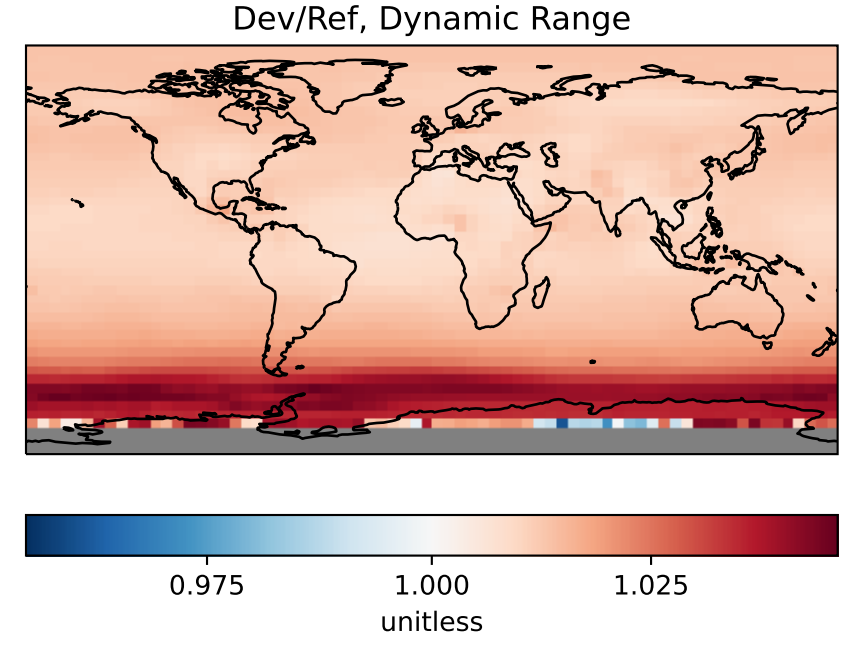

Difference
Dev - Ref, Dynamic Range



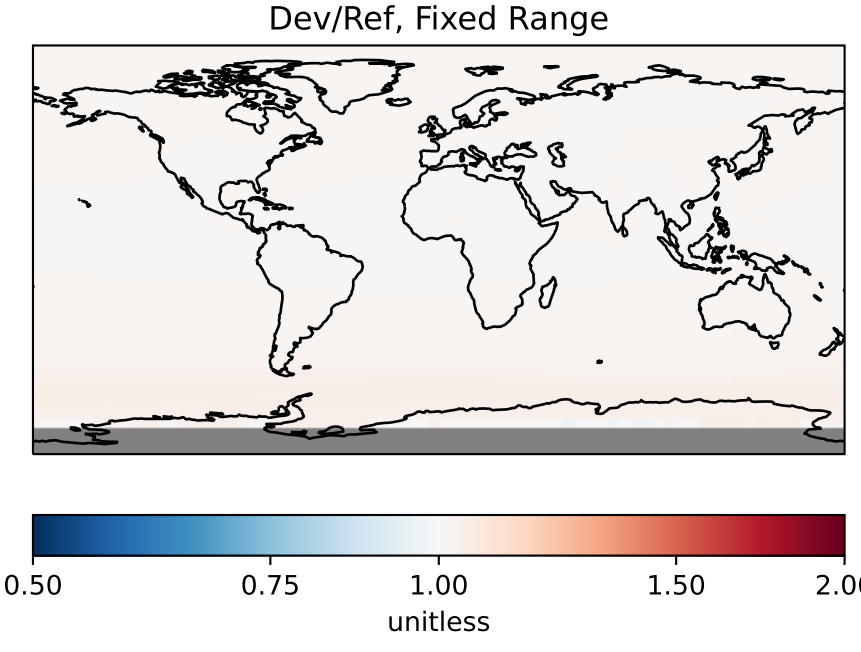

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

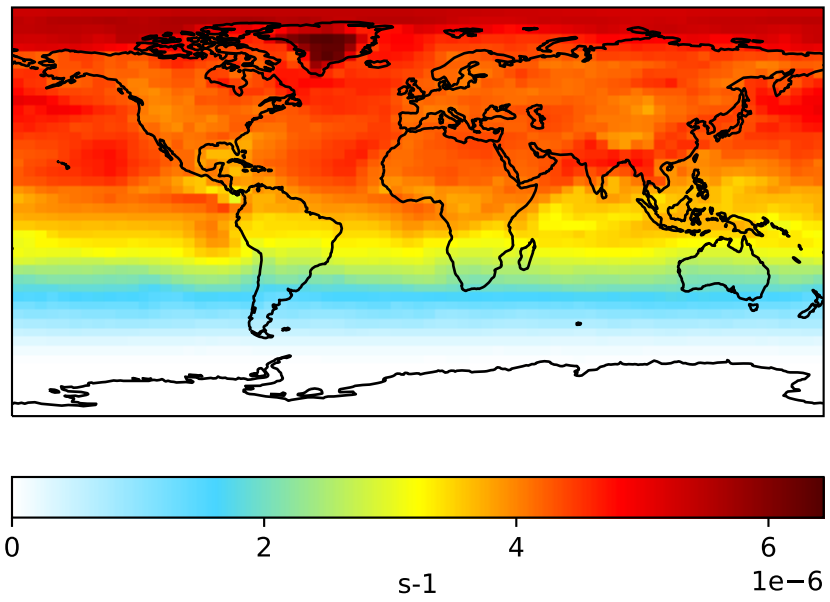



Ratio
Dev/Ref, Fixed Range

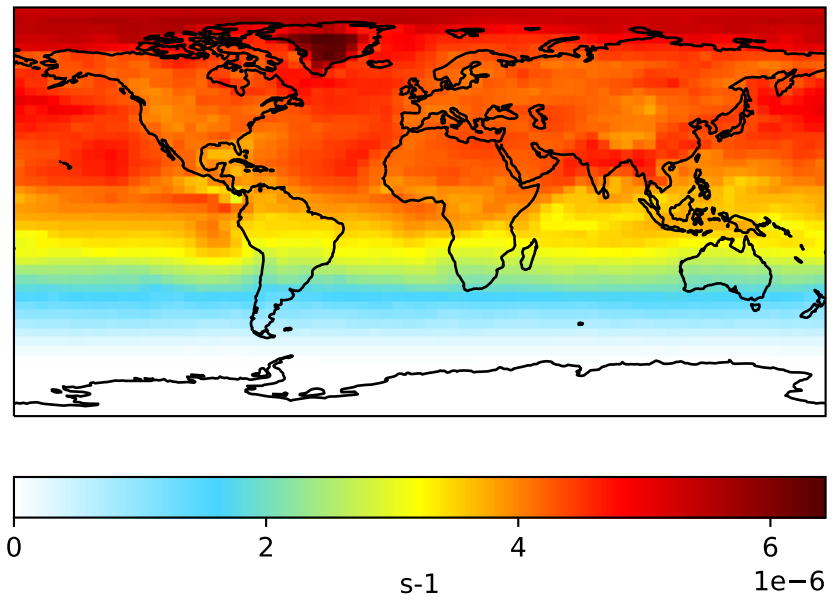


# Jval_H2O2 (Jul2019)

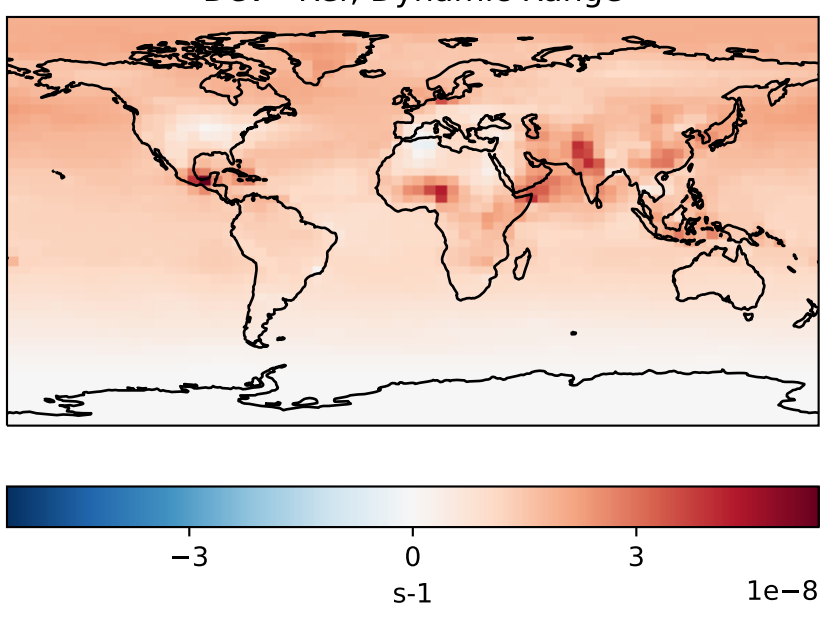
GCC_13.0.0 (Ref)
4.0x5.0



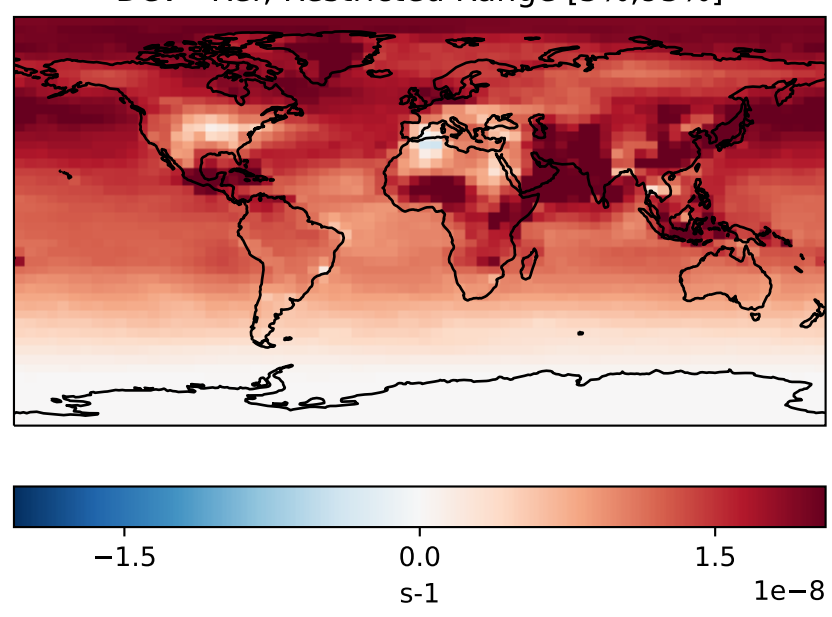

GCC_13.2.0 (Dev)
4.0x5.0



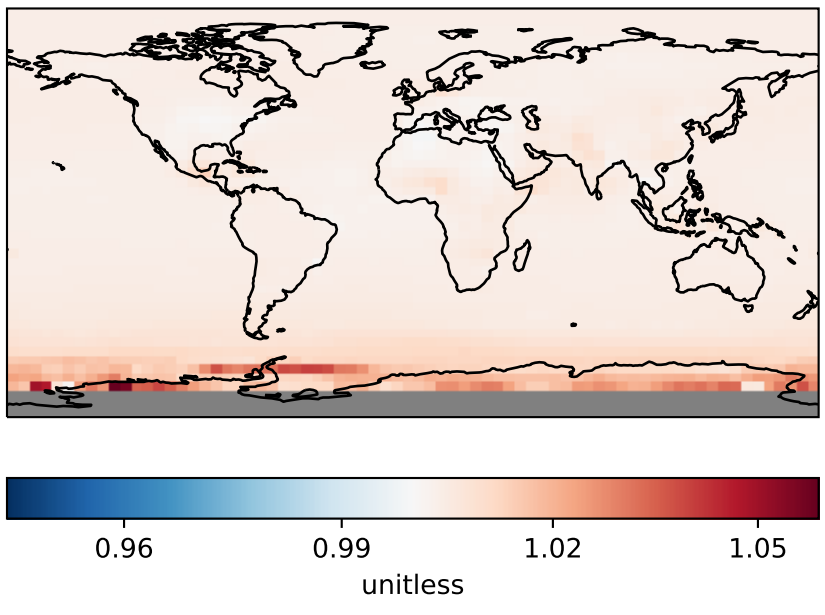

Difference
Dev - Ref, Dynamic Range



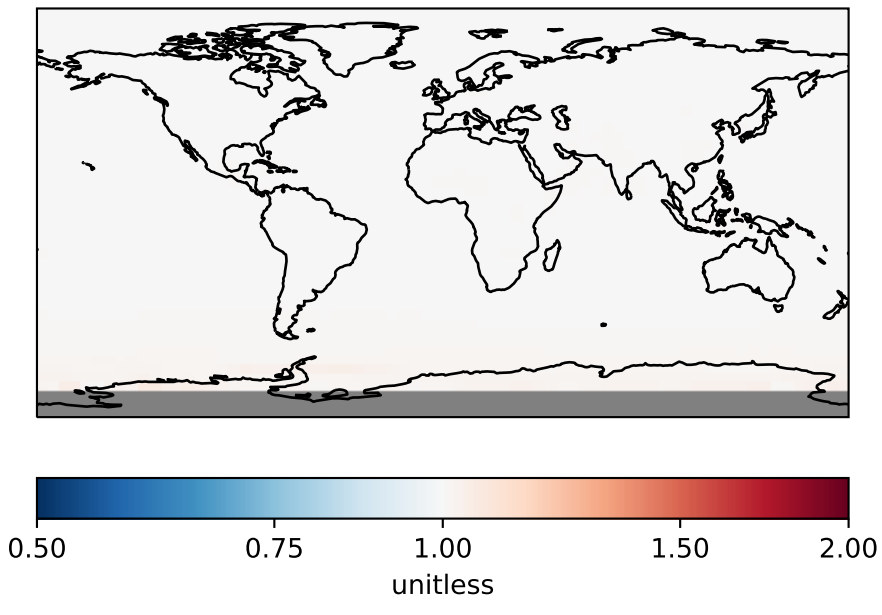

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

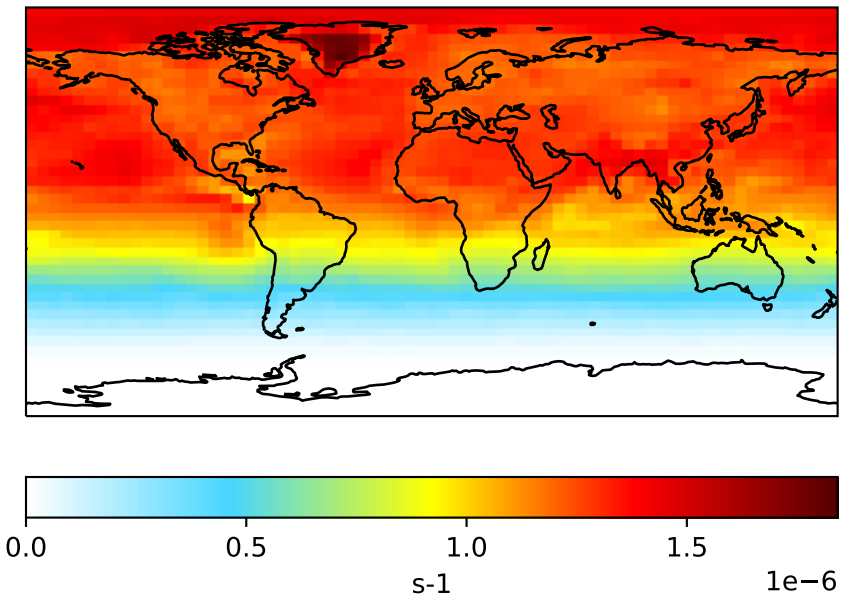



Ratio
Dev/Ref, Fixed Range

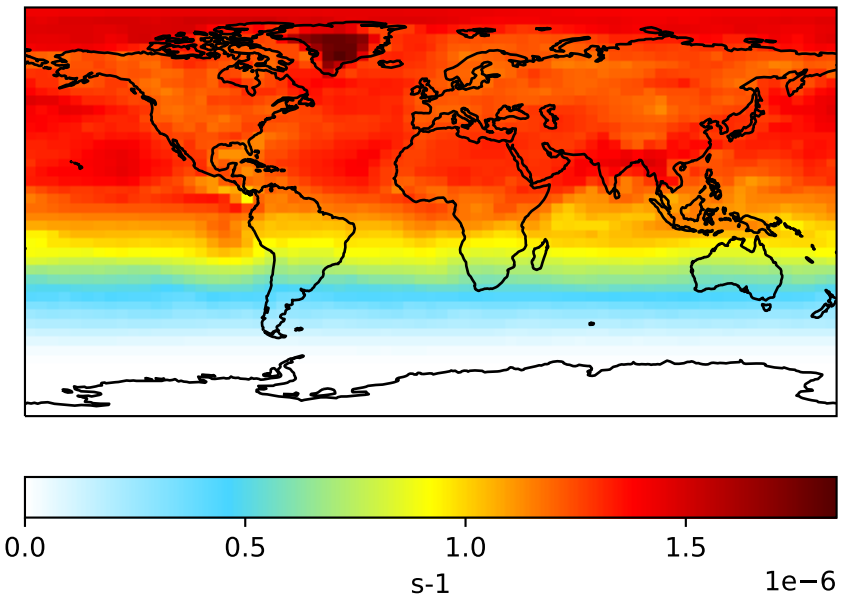


# Jval_HAC (Jul2019)

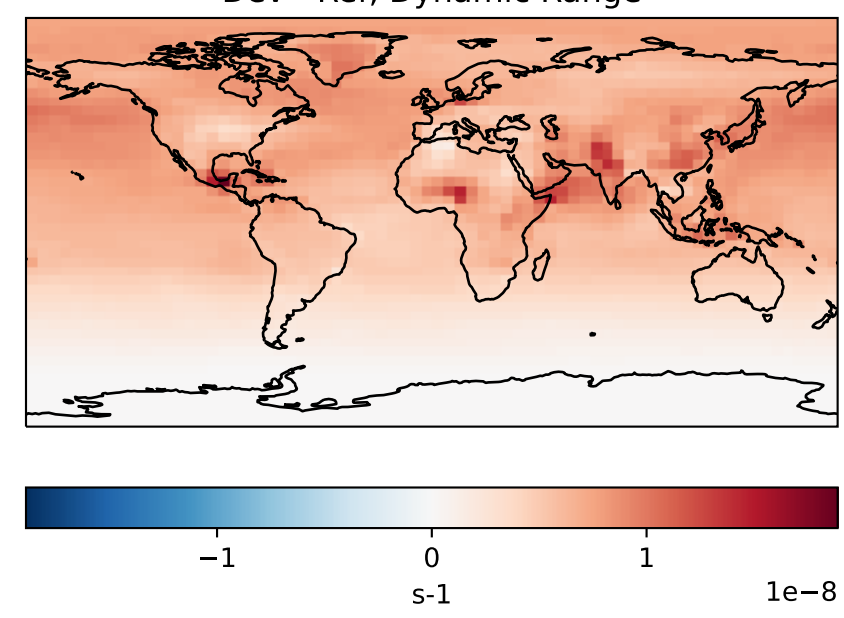
GCC_13.0.0 (Ref)
4.0x5.0



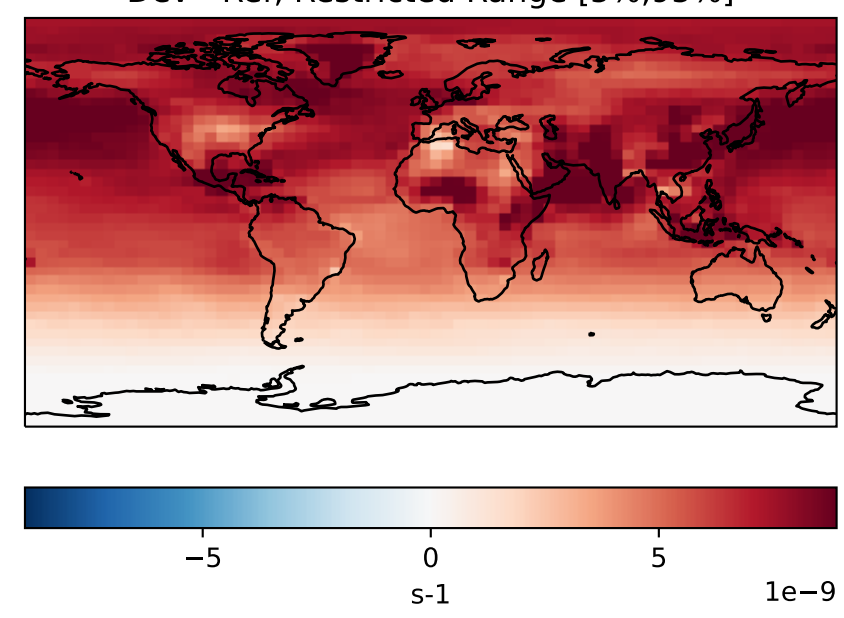

GCC_13.2.0 (Dev)
4.0x5.0



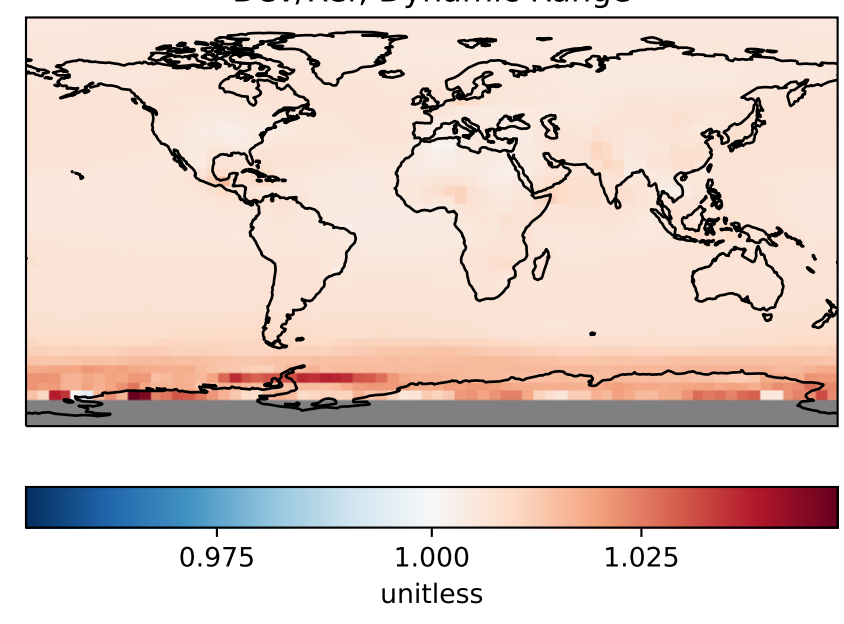

Difference
Dev - Ref, Dynamic Range



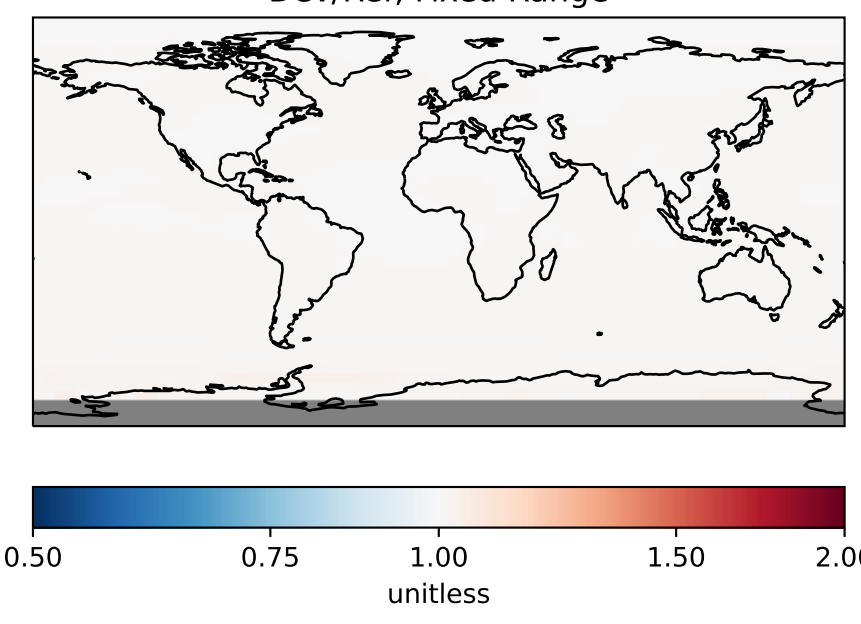

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

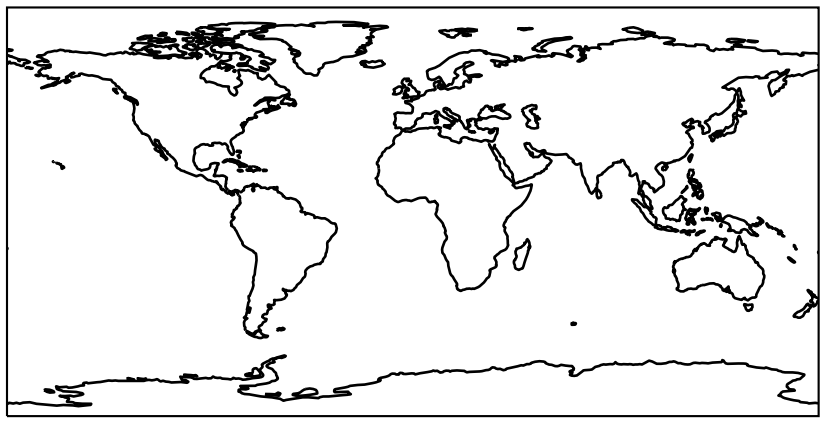



Ratio
Dev/Ref, Fixed Range



# Jval_HC5A (Jul2019)

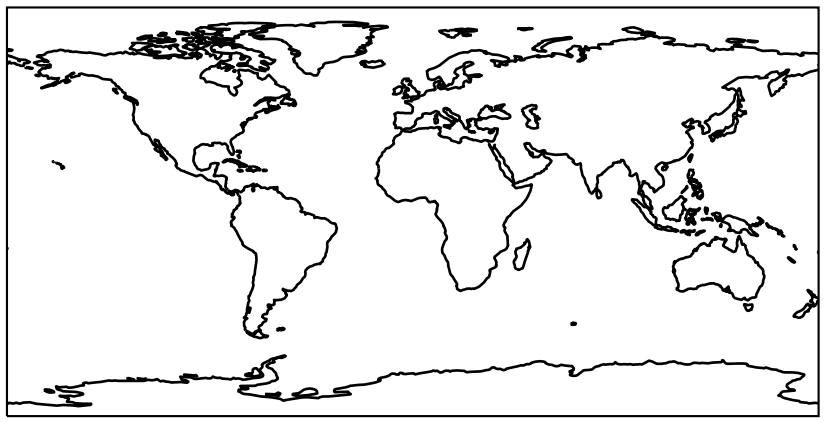
GCC_13.0.0 (Ref)
4.0x5.0





Zero throughout domain
s-1

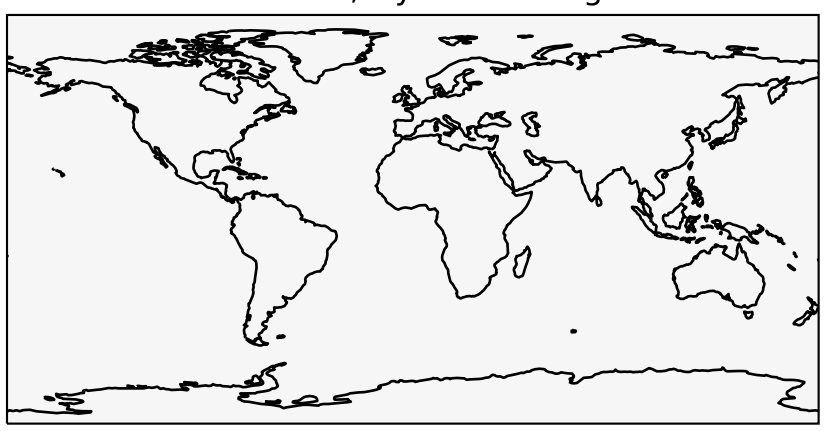
GCC_13.2.0 (Dev)
4.0x5.0





Zero throughout domain
s-1

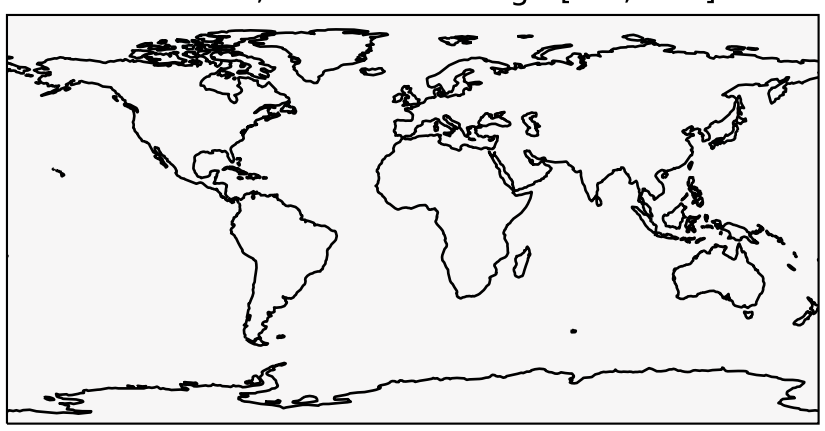
Difference
Dev - Ref, Dynamic Range





Zero throughout domain
s-1

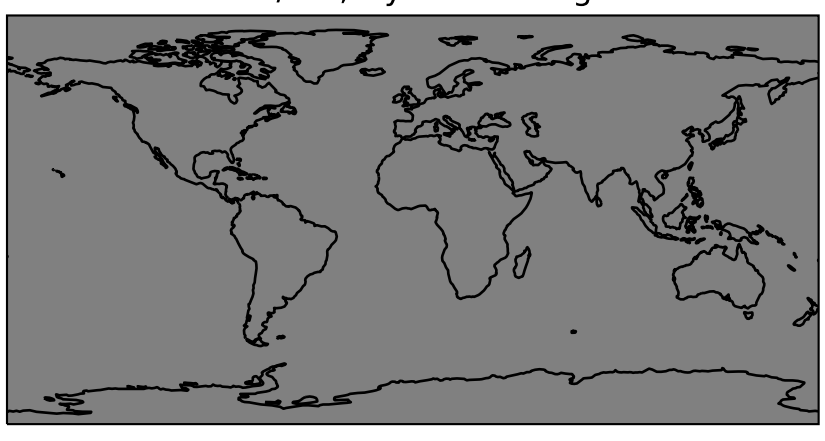
Difference
Dev - Ref, Restricted Range [5%,95%]





Zero throughout domain
s-1

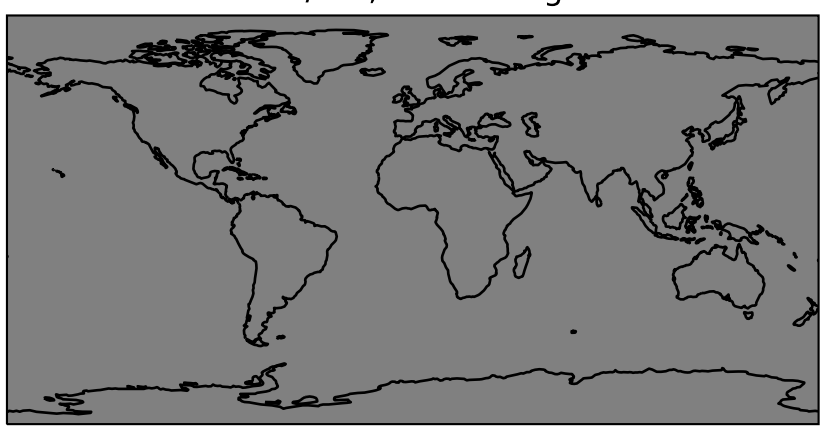
Ratio
Dev/Ref, Dynamic Range





Undefined throughout domain
unitless

Ratio
Dev/Ref, Fixed Range

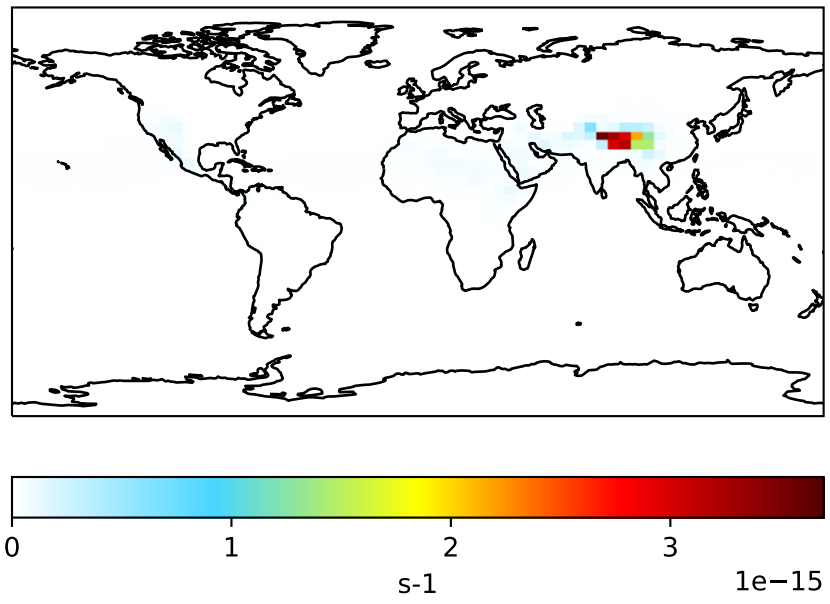




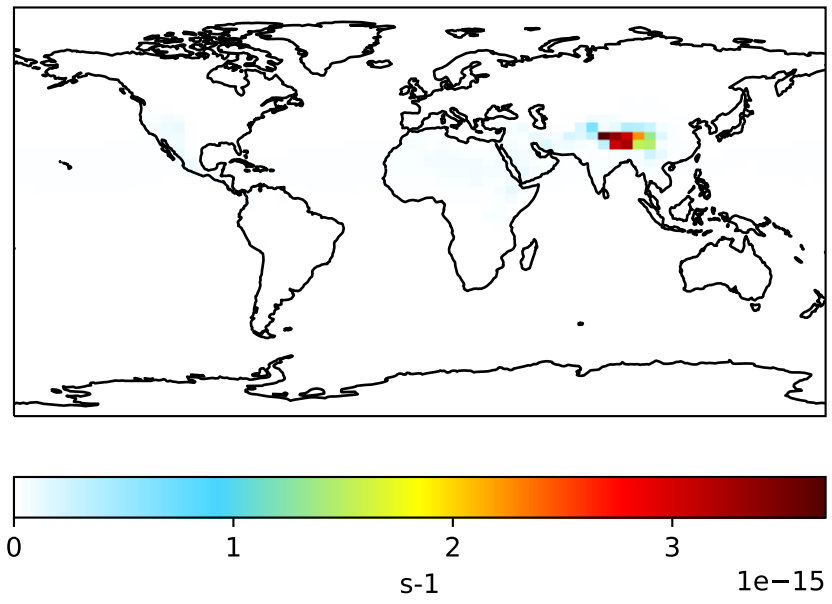
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unitless

# Jval_HCFC123 (Jul2019)

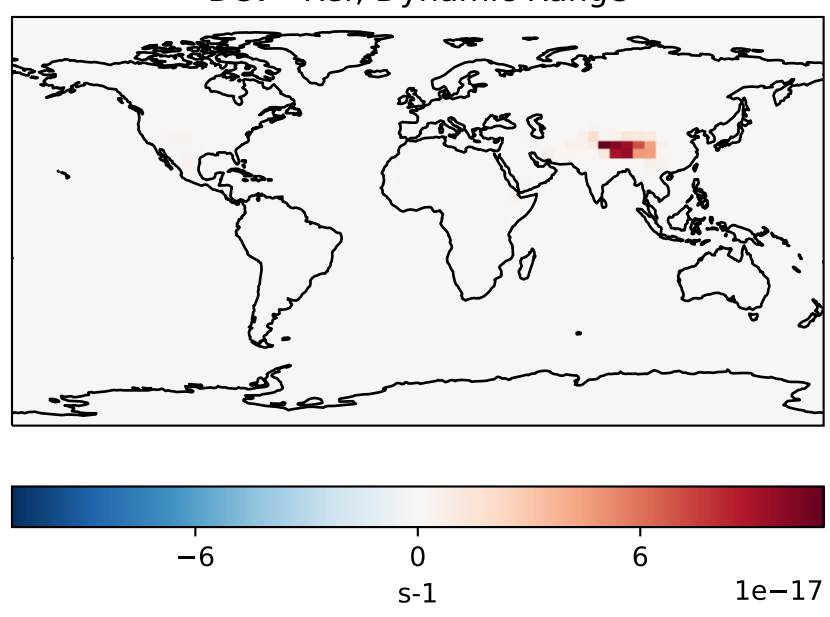
GCC_13.0.0 (Ref)
4.0x5.0



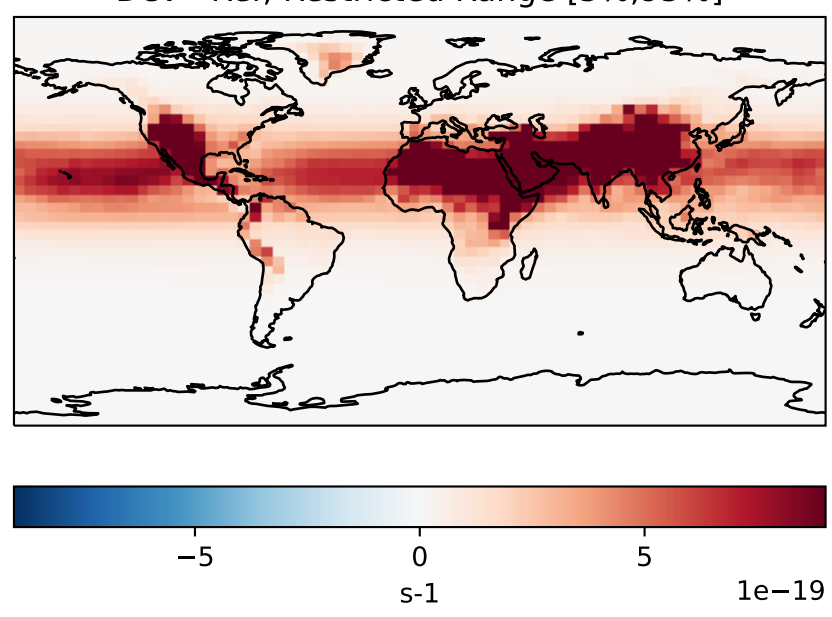

GCC_13.2.0 (Dev)
4.0x5.0



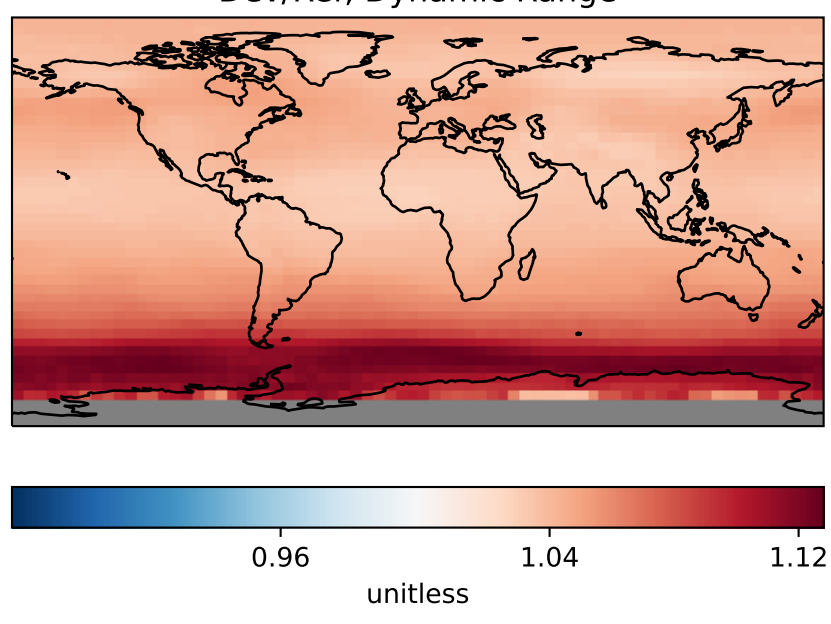

Difference
Dev - Ref, Dynamic Range



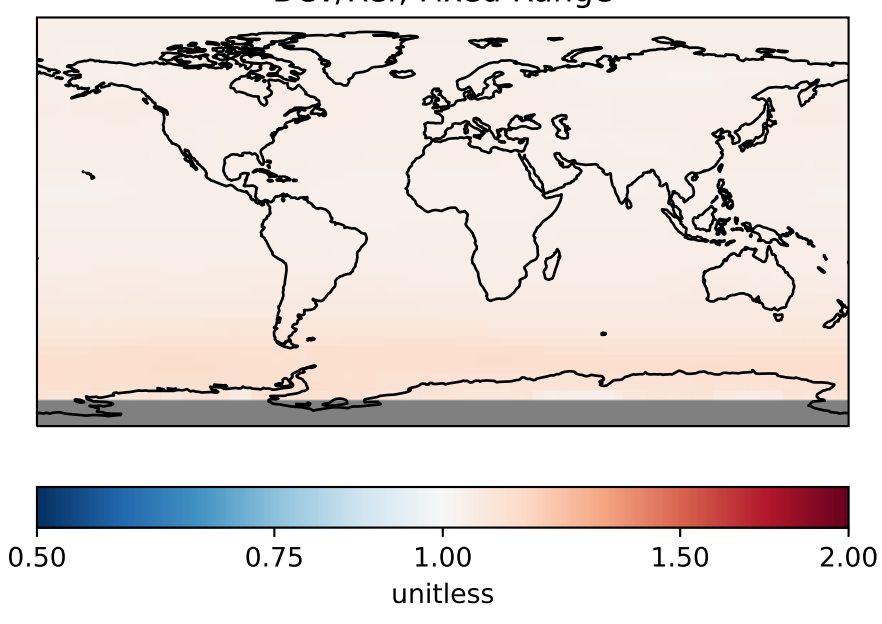

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

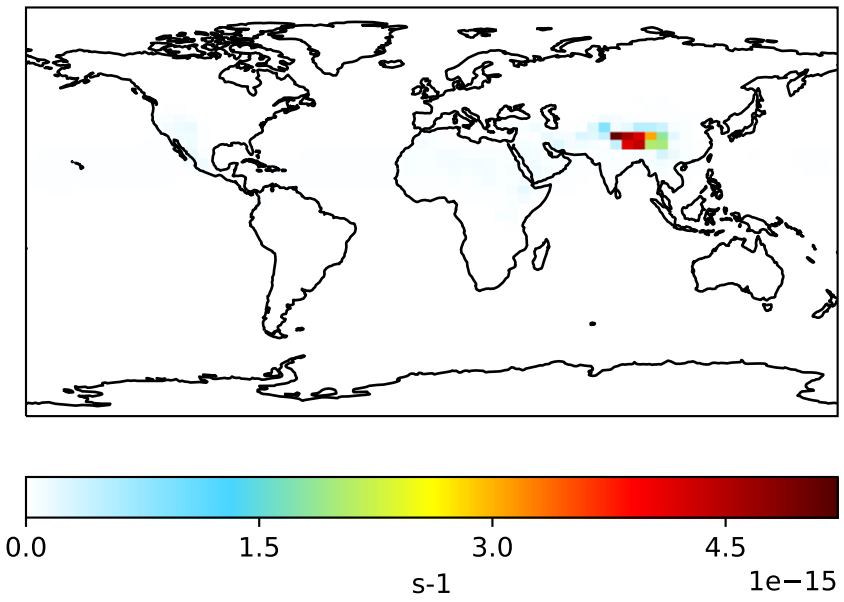



Ratio
Dev/Ref, Fixed Range

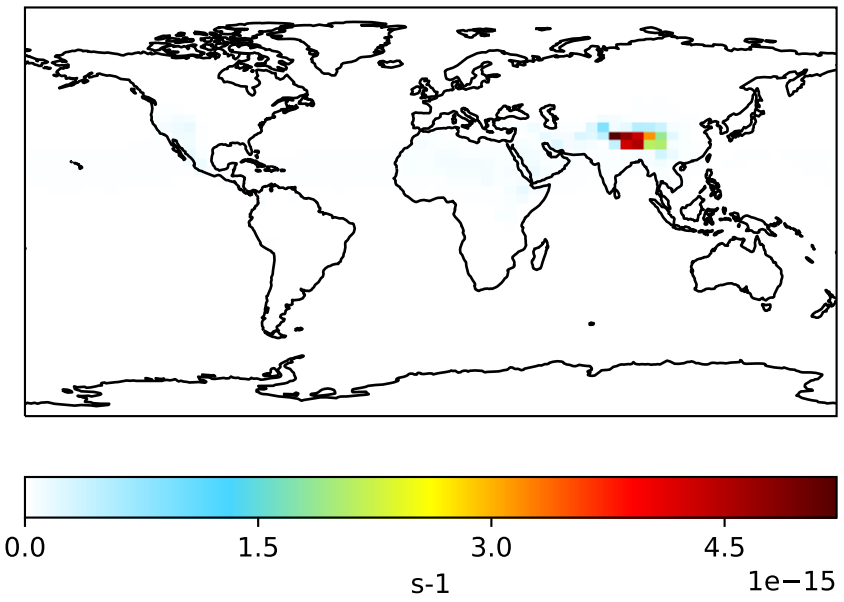


# Jval_HCFC141b (Jul2019)

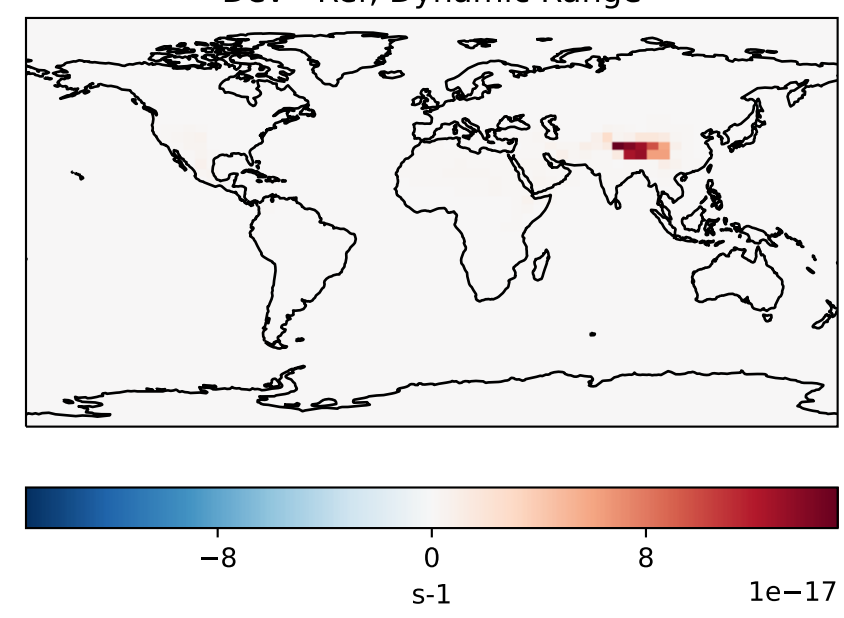
GCC_13.0.0 (Ref)
4.0x5.0



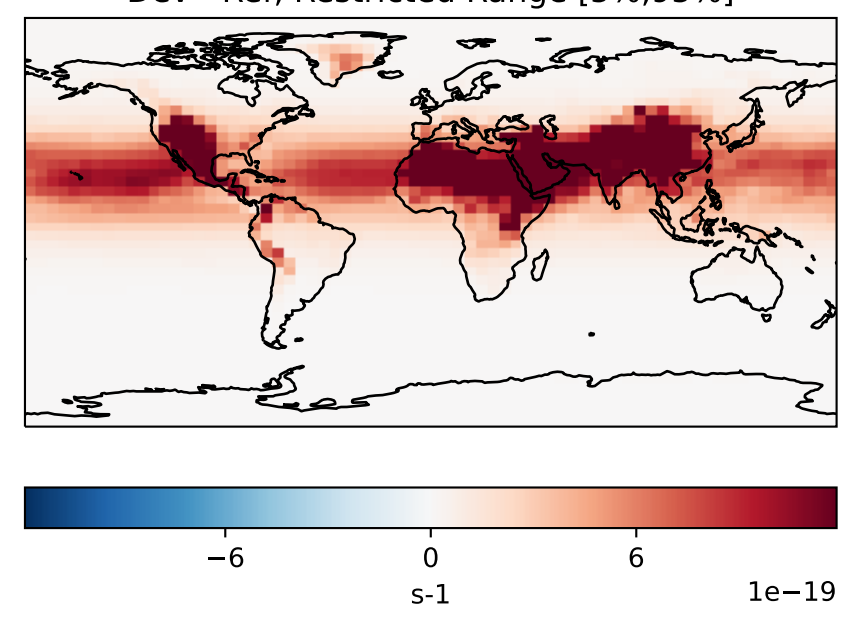

GCC_13.2.0 (Dev)
4.0x5.0



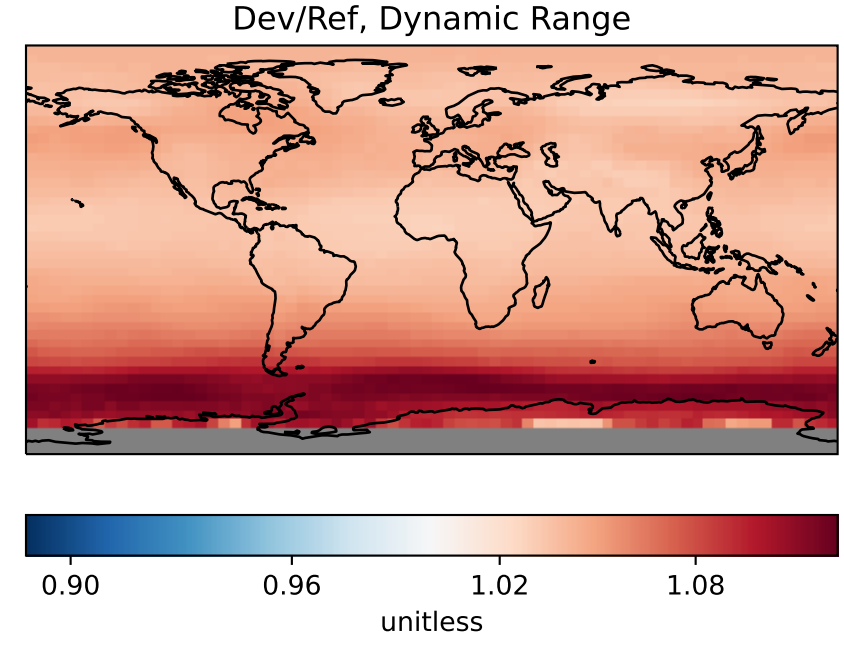

Difference
Dev - Ref, Dynamic Range



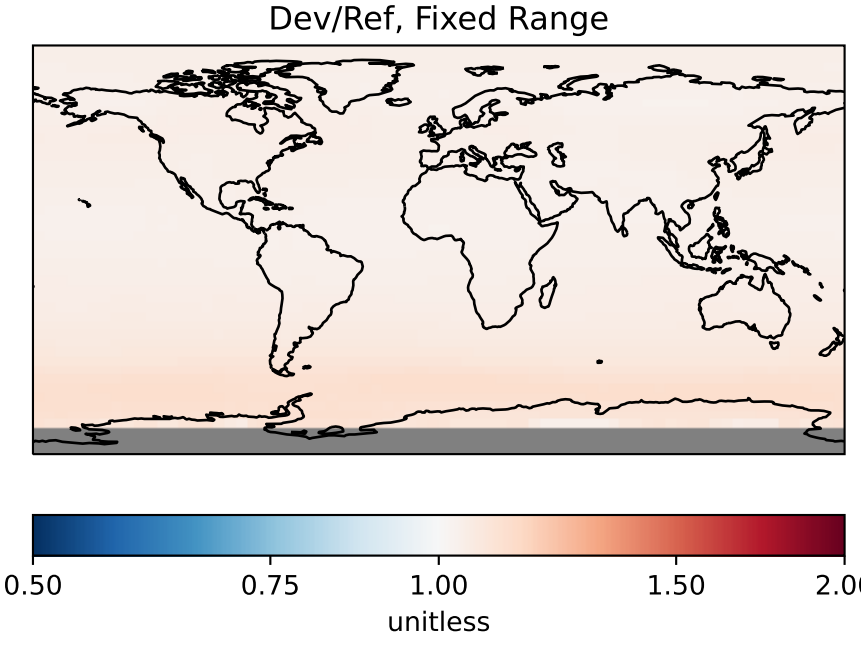

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

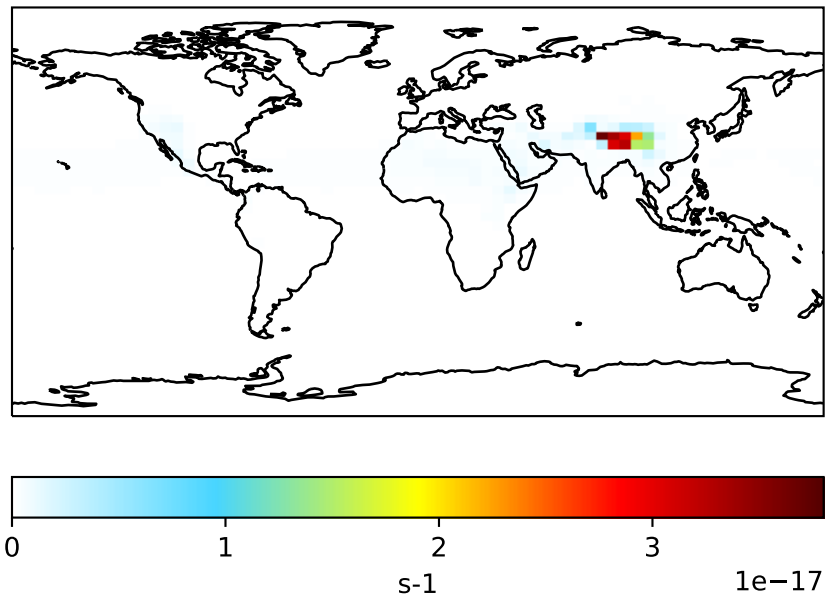



Ratio
Dev/Ref, Fixed Range

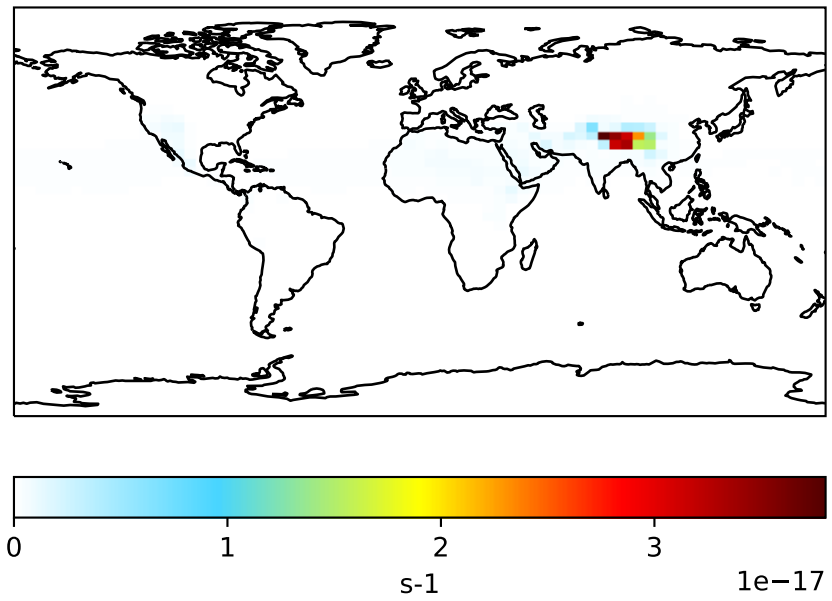


# Jval_HCFC142b (Jul2019)

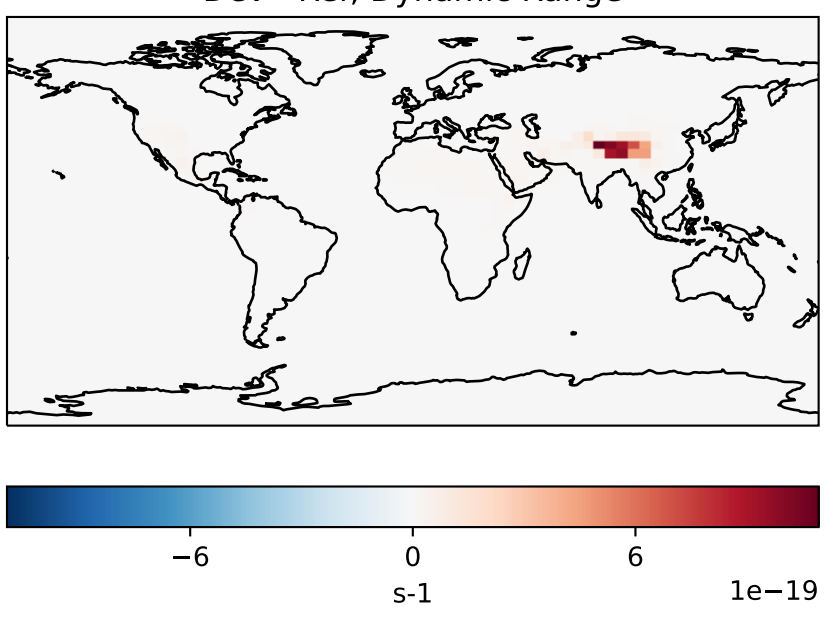
GCC_13.0.0 (Ref)
4.0x5.0



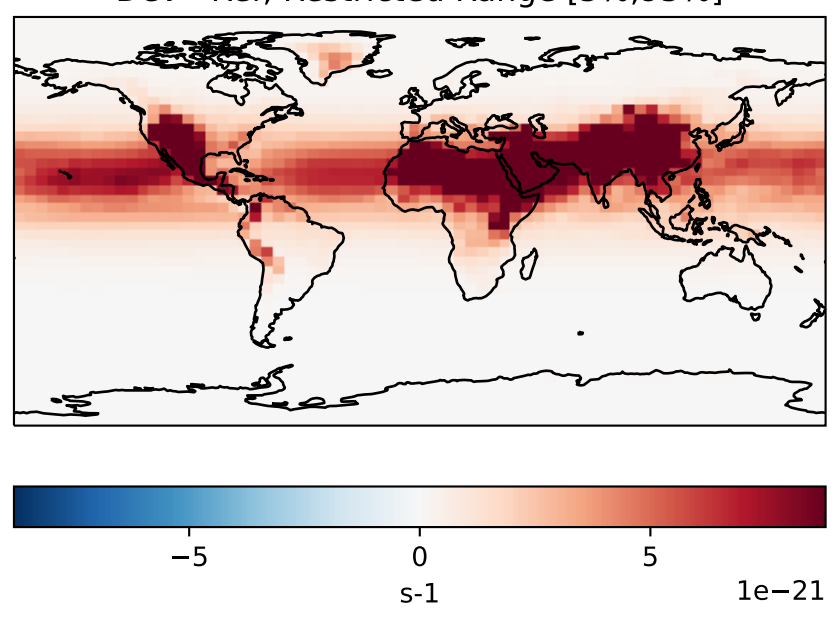

GCC_13.2.0 (Dev)
4.0x5.0



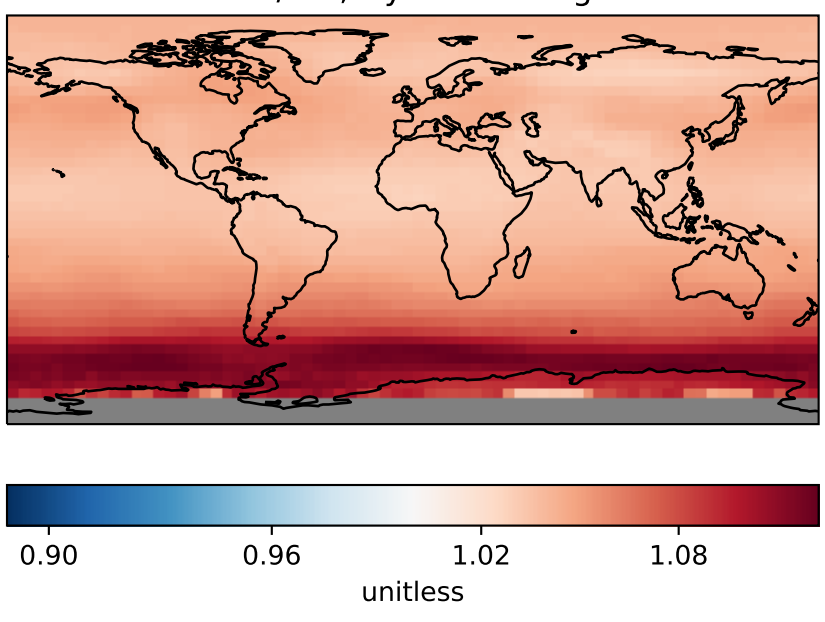

Difference
Dev - Ref, Dynamic Range



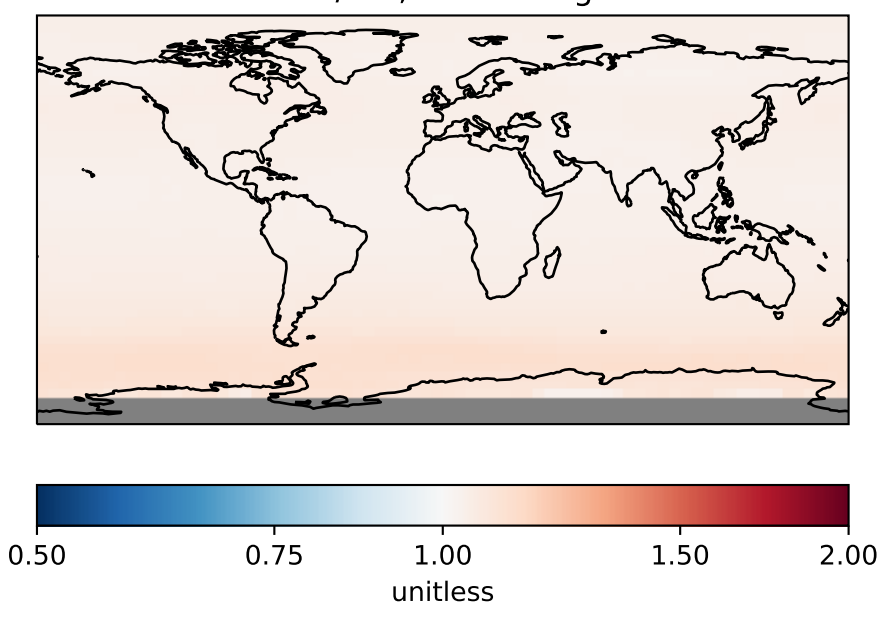

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

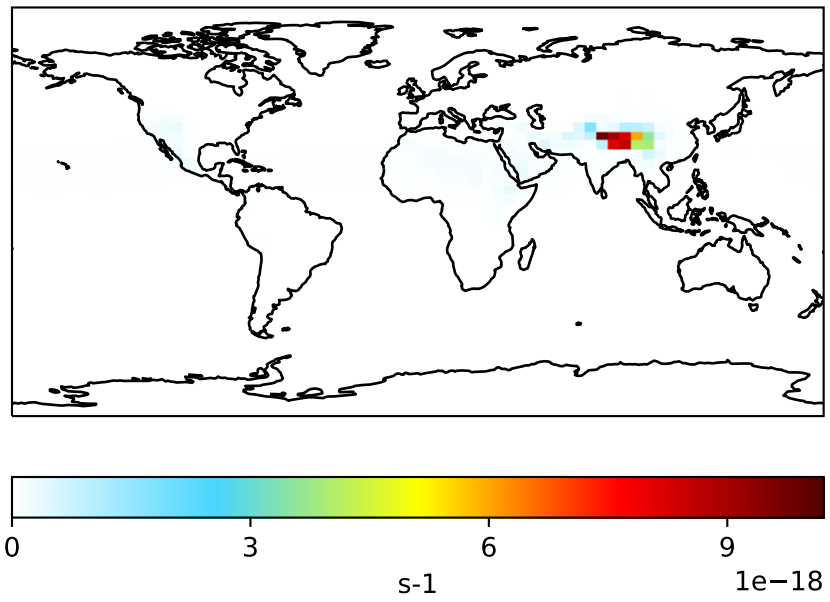



Ratio
Dev/Ref, Fixed Range

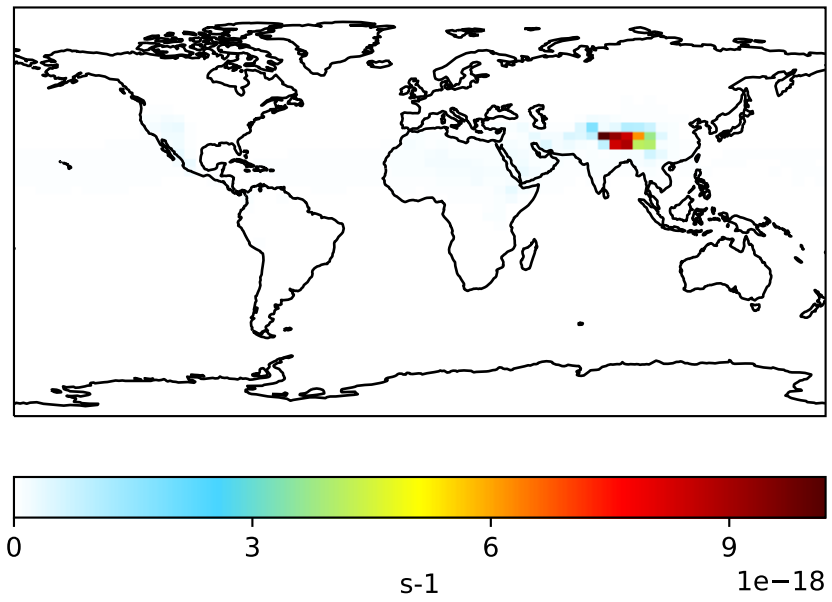


# Jval_HCFC22 (Jul2019)

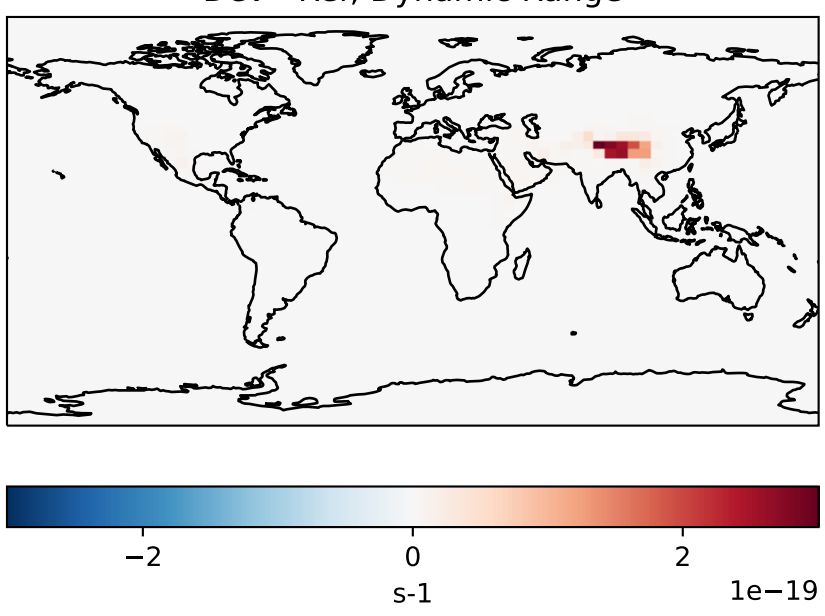
GCC_13.0.0 (Ref)
4.0x5.0



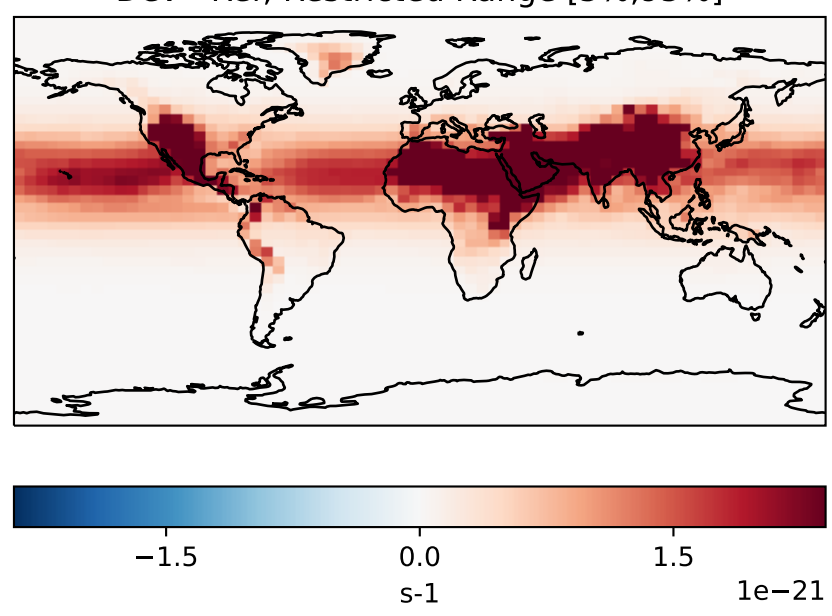

GCC_13.2.0 (Dev)
4.0x5.0



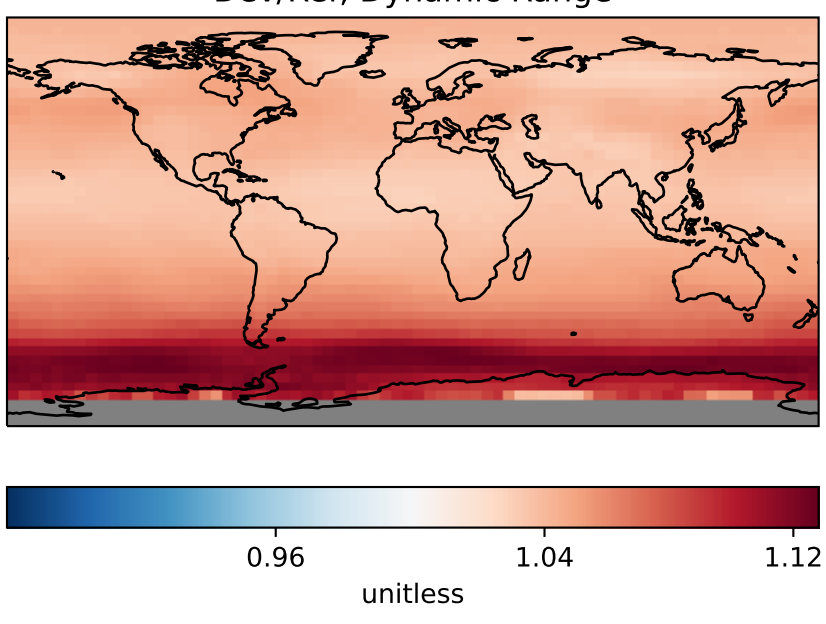

Difference
Dev - Ref, Dynamic Range



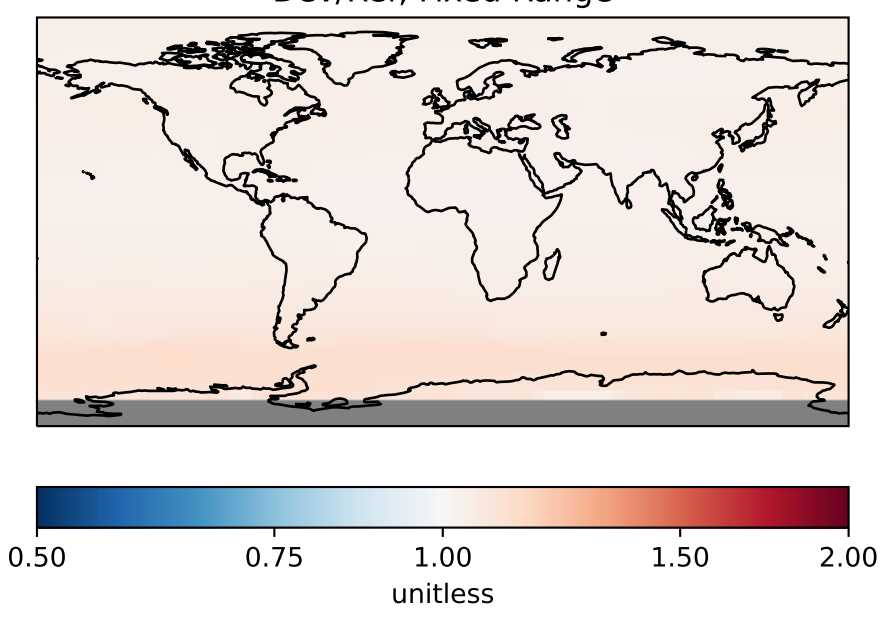

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

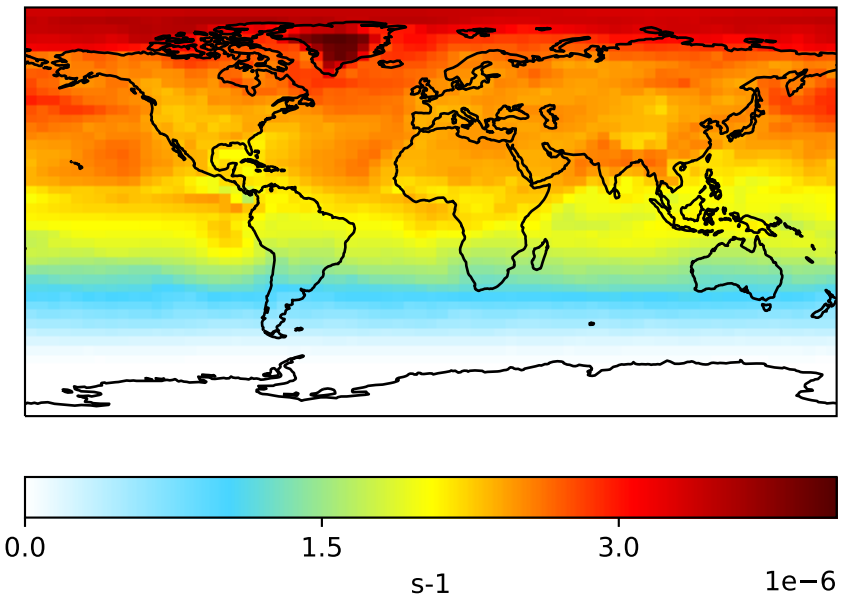



Ratio
Dev/Ref, Fixed Range

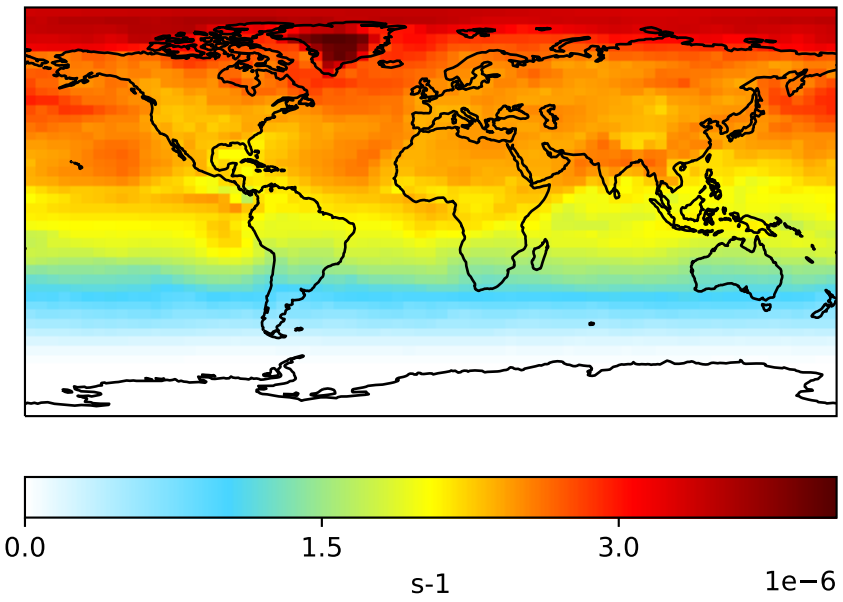


# Jval_HMHP (Jul2019)

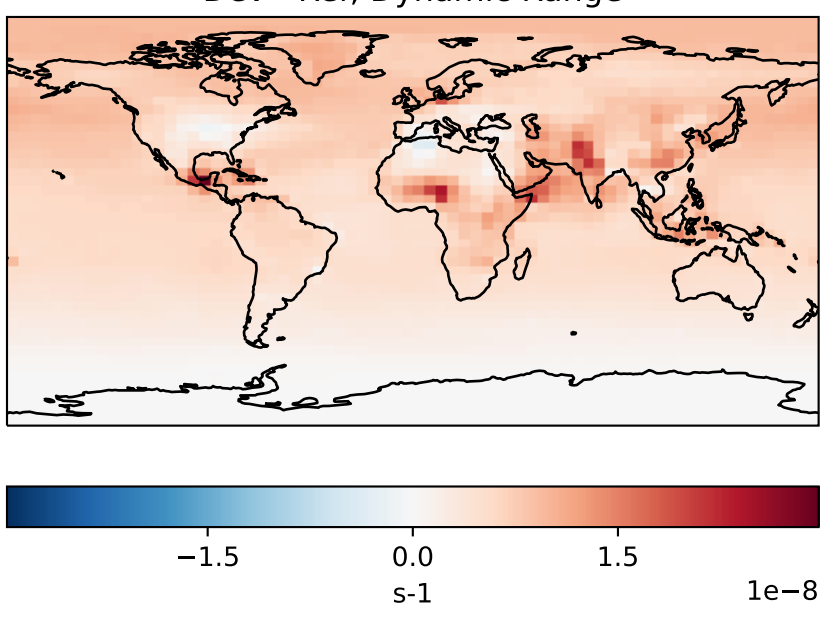
GCC_13.0.0 (Ref)
4.0x5.0



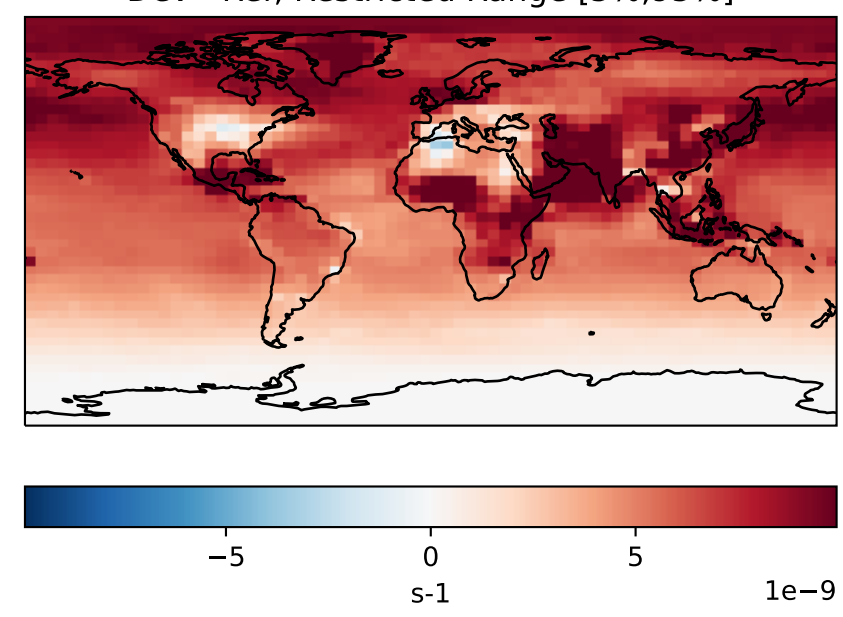

GCC_13.2.0 (Dev)
4.0x5.0



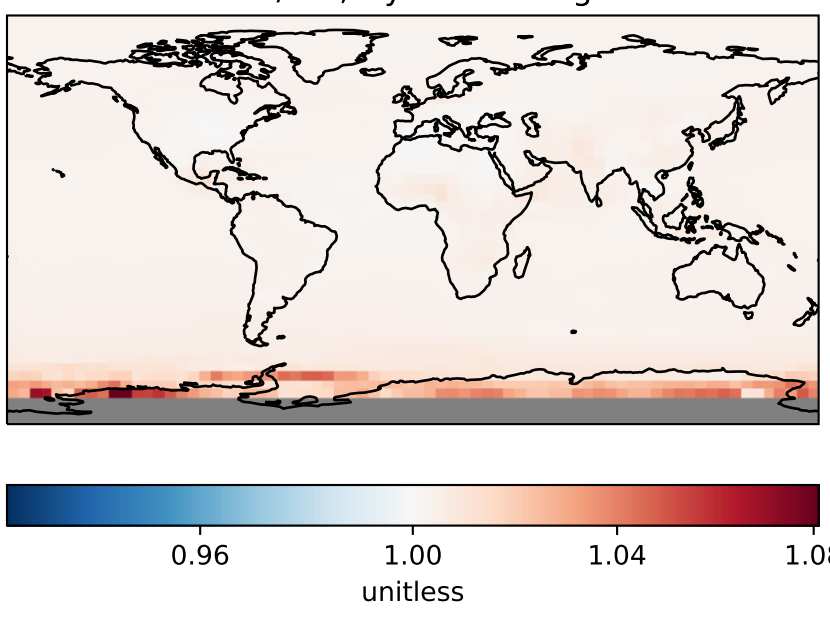

Difference
Dev - Ref, Dynamic Range



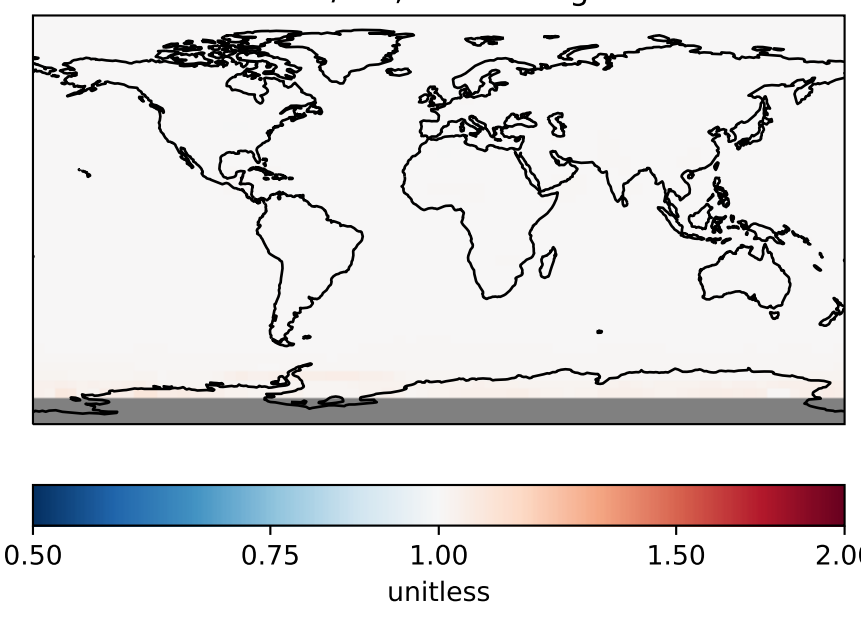

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

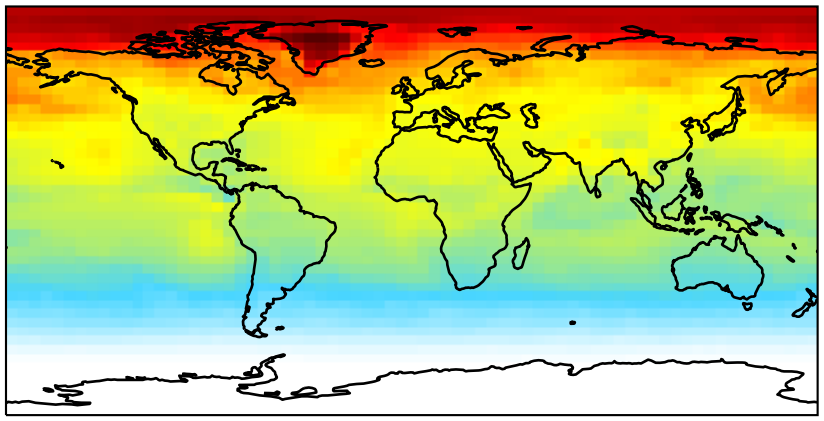


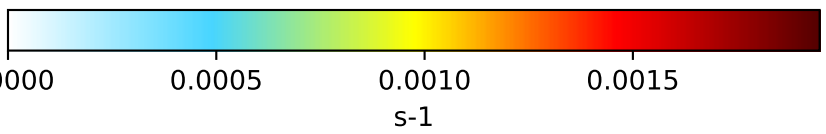

Ratio
Dev/Ref, Fixed Range



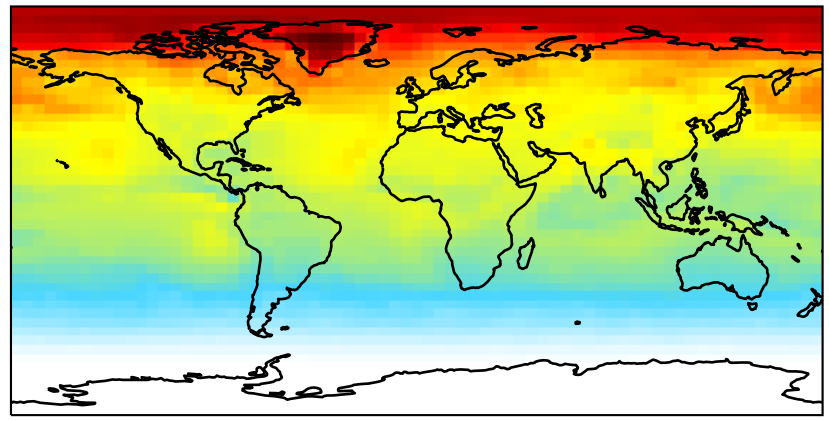
# Jval_HNO2 (Jul2019)

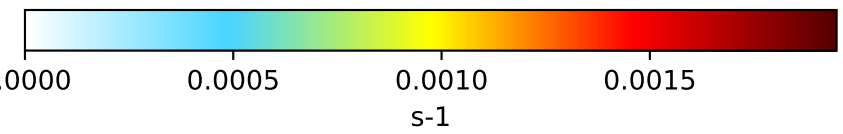
GCC_13.0.0 (Ref)
4.0x5.0



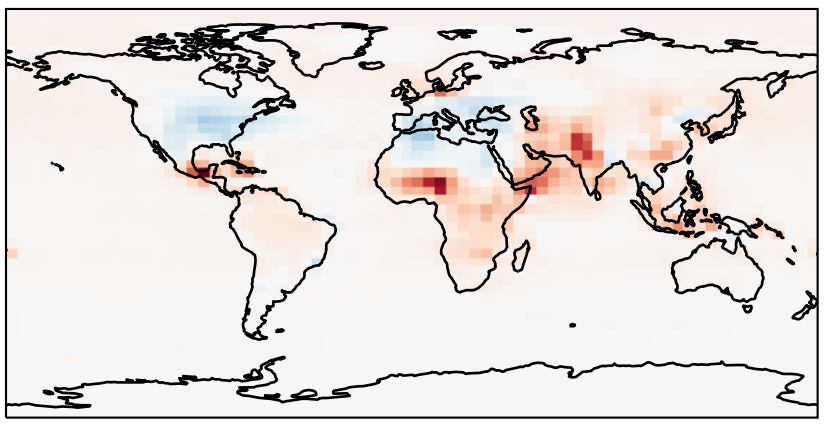


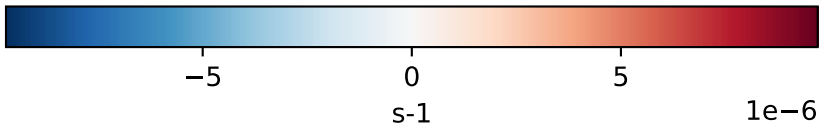

GCC_13.2.0 (Dev)
4.0x5.0



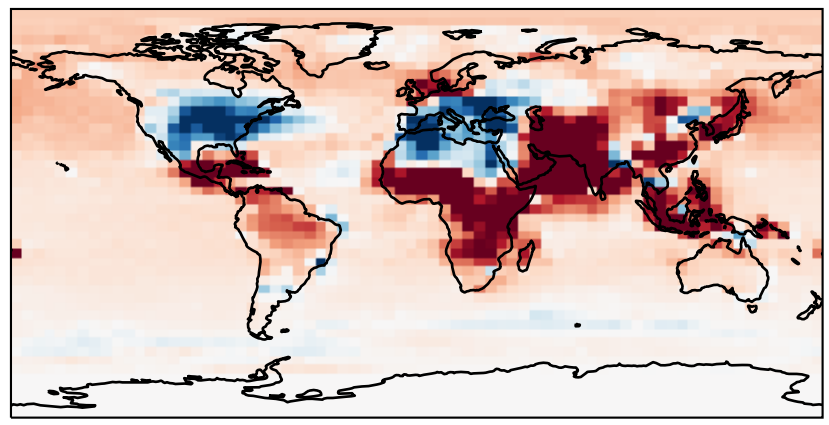


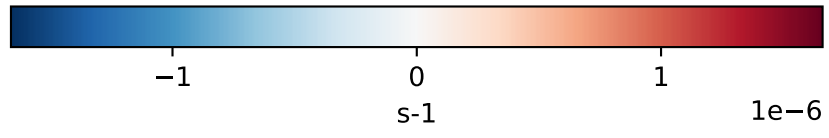

Difference
Dev - Ref, Dynamic Range



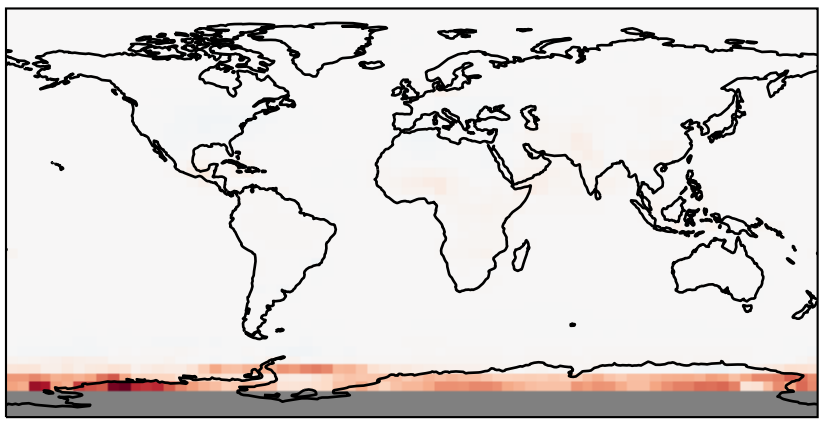


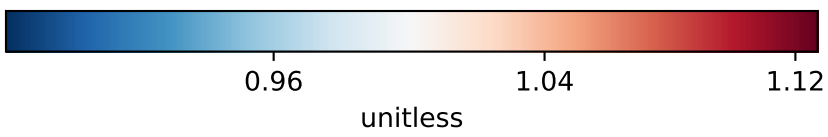

Difference
Dev - Ref, Restricted Range [5%,95%]





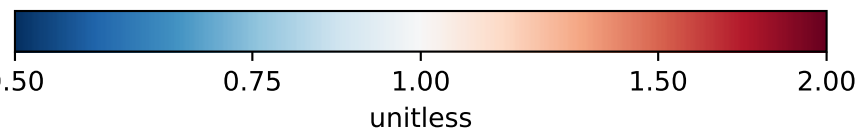

Ratio
Dev/Ref, Dynamic Range





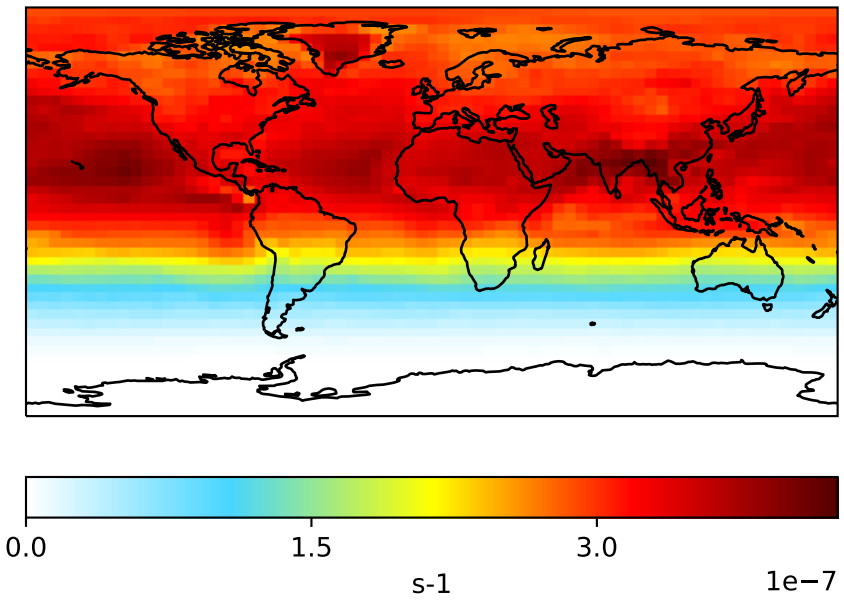

Ratio
Dev/Ref, Fixed Range



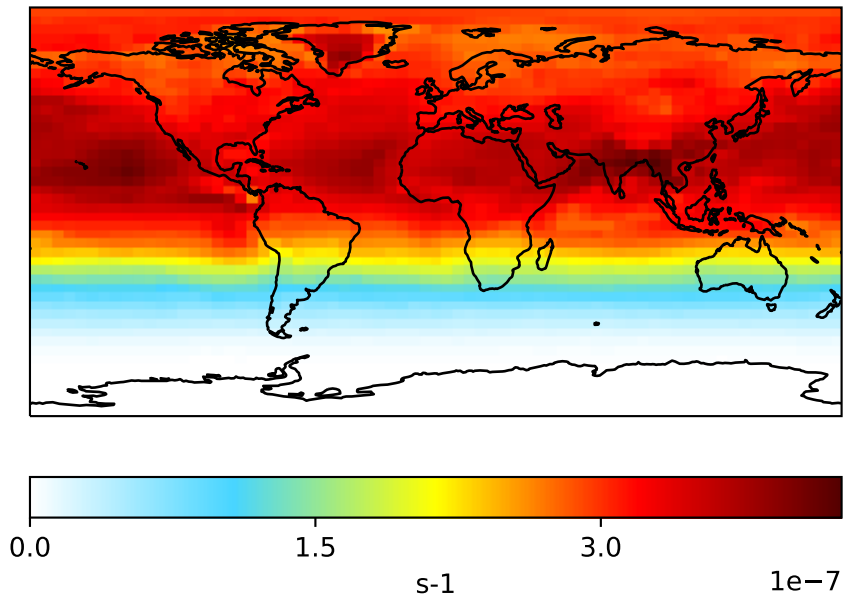


# Jval_HNO3 (Jul2019)

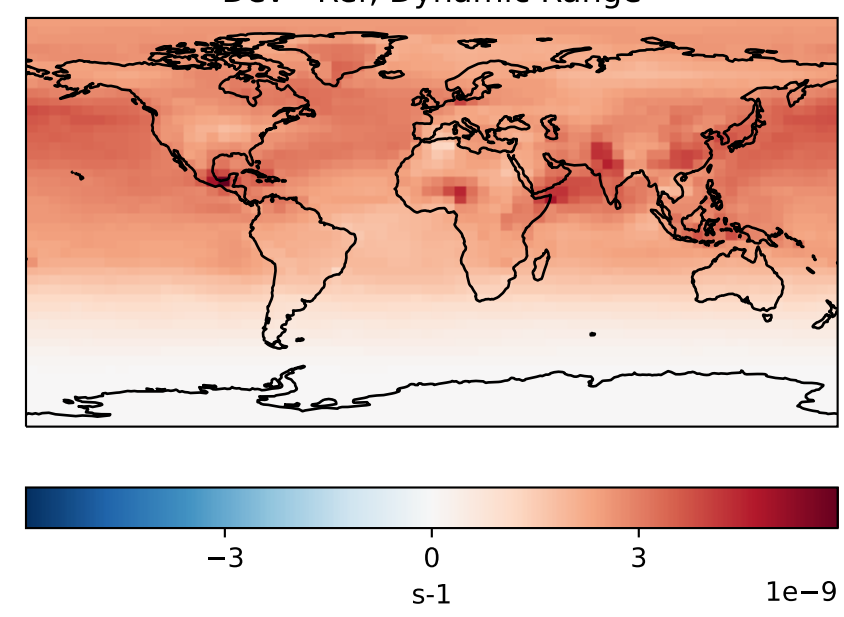
GCC_13.0.0 (Ref)
4.0x5.0



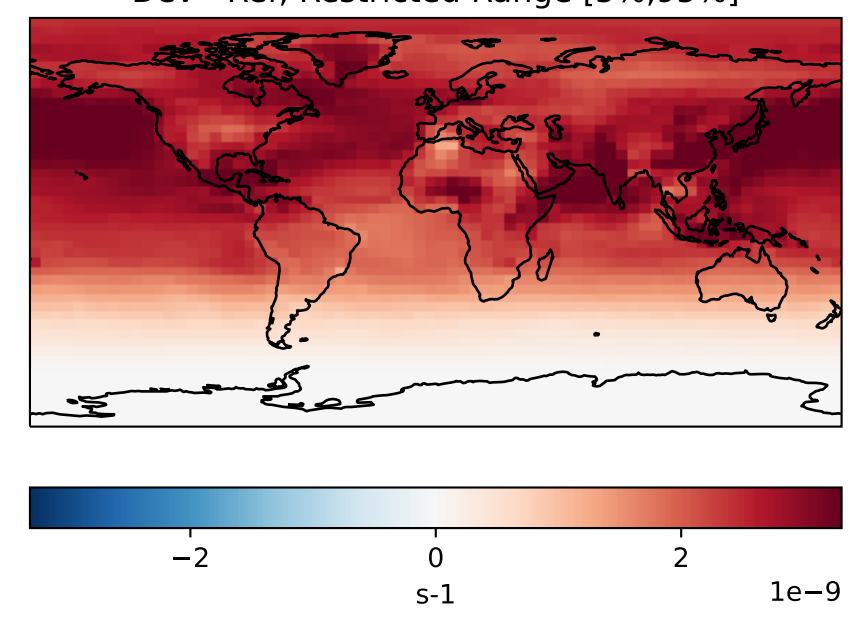

GCC_13.2.0 (Dev)
4.0x5.0



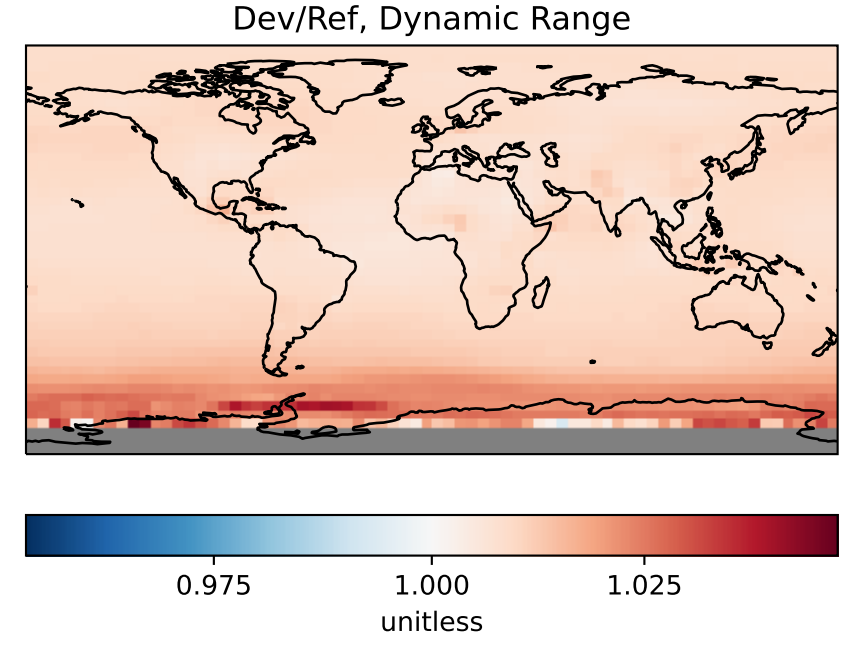

Difference
Dev - Ref, Dynamic Range



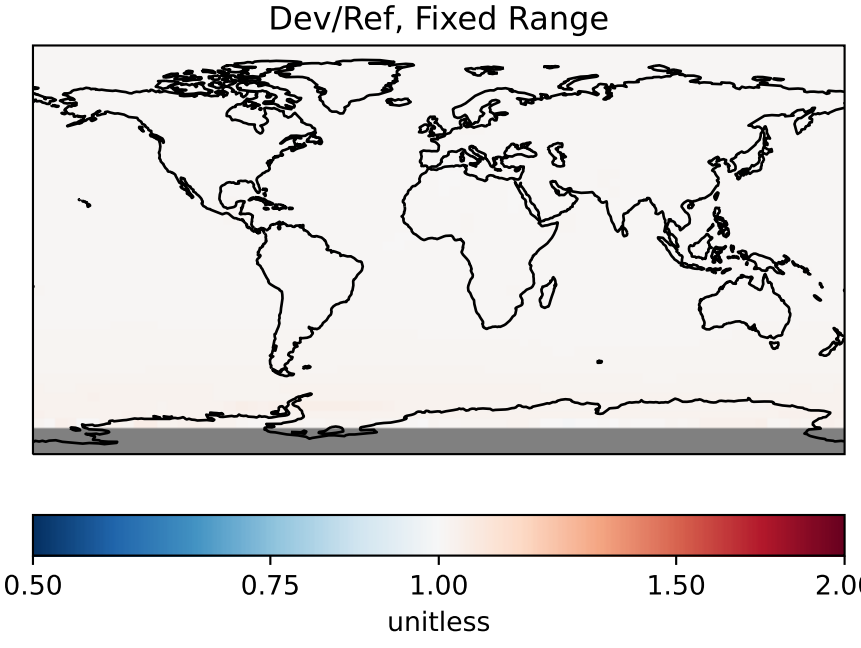

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

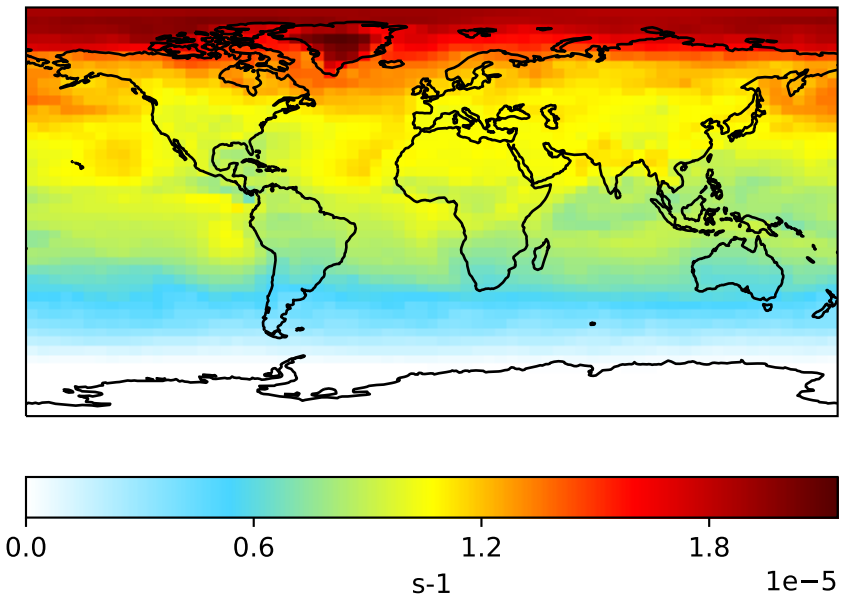



Ratio
Dev/Ref, Fixed Range

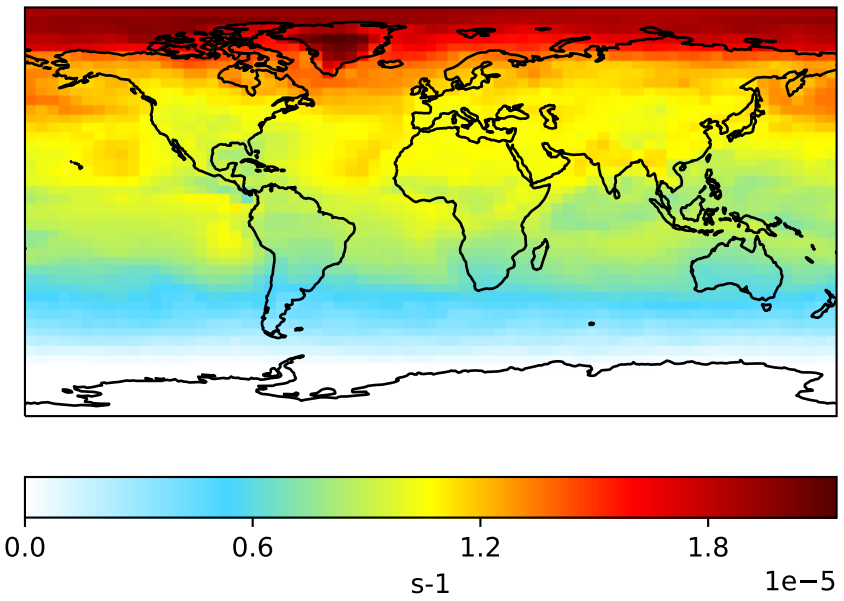


# Jval_HNO4 (Jul2019)

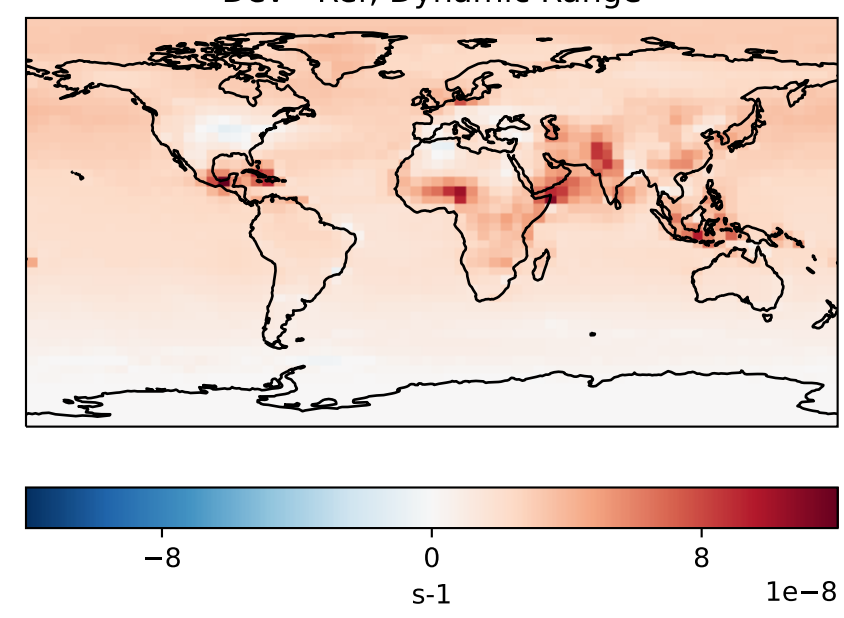
GCC_13.0.0 (Ref)
4.0x5.0



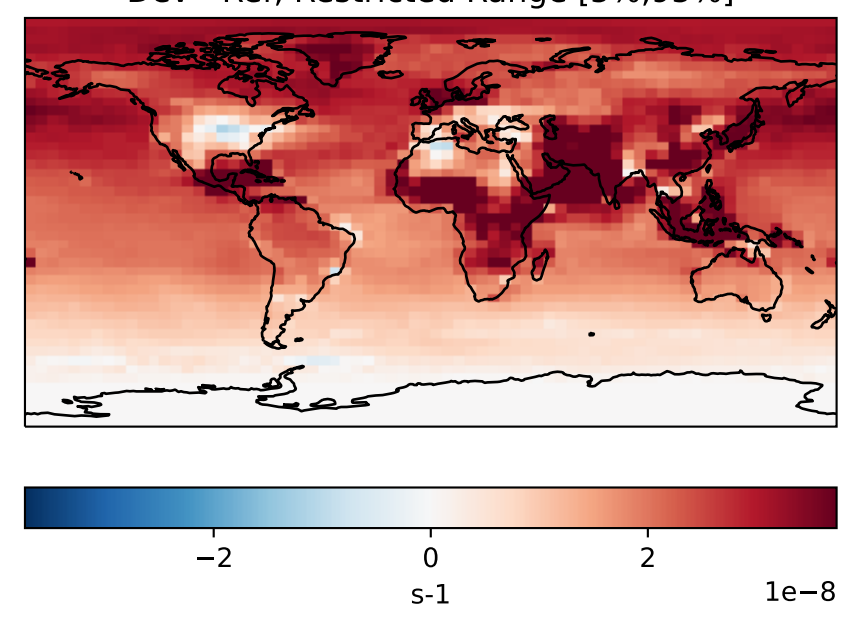

GCC_13.2.0 (Dev)
4.0x5.0



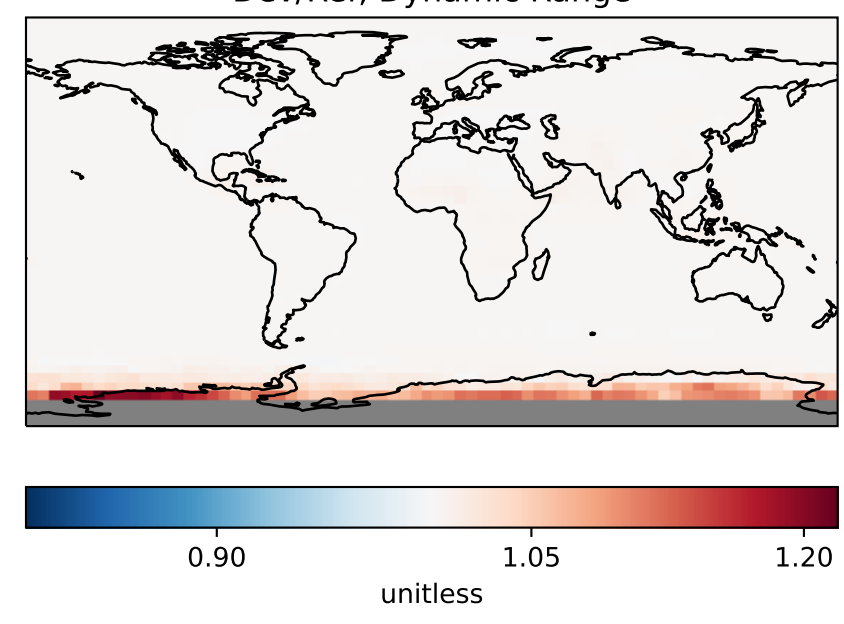

Difference
Dev - Ref, Dynamic Range



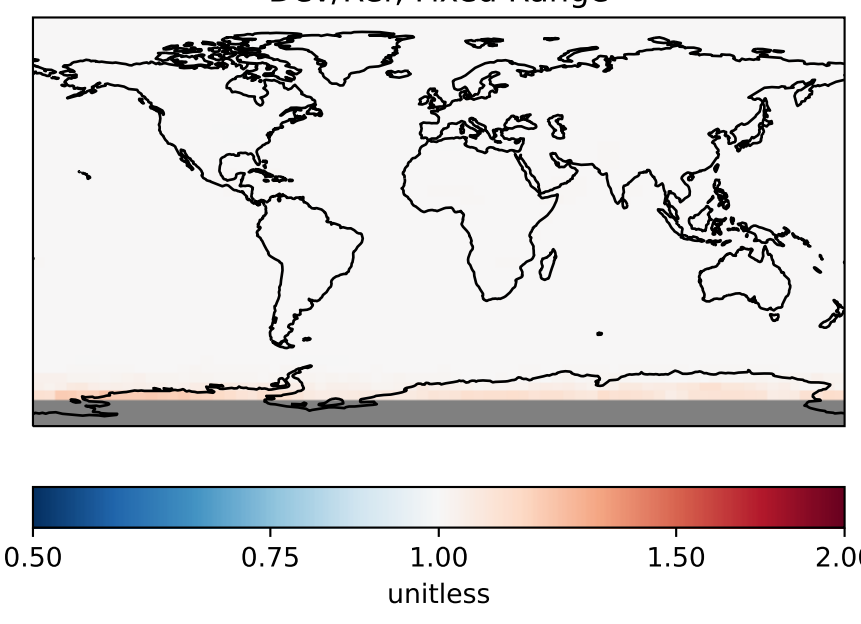

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

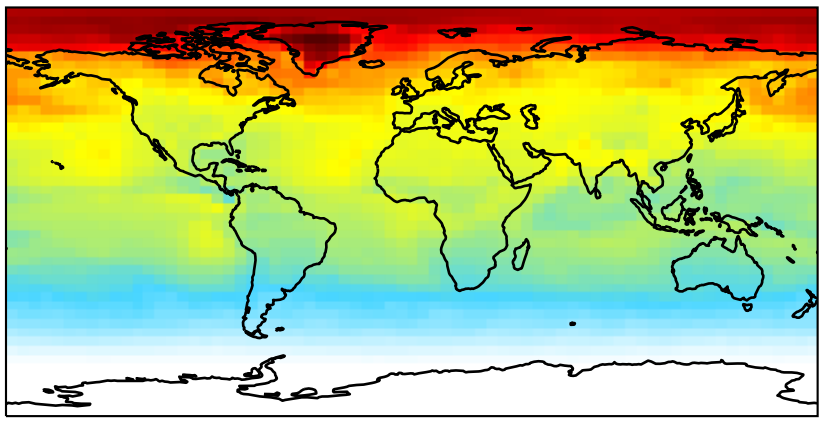


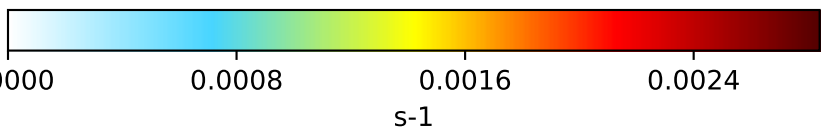

Ratio
Dev/Ref, Fixed Range



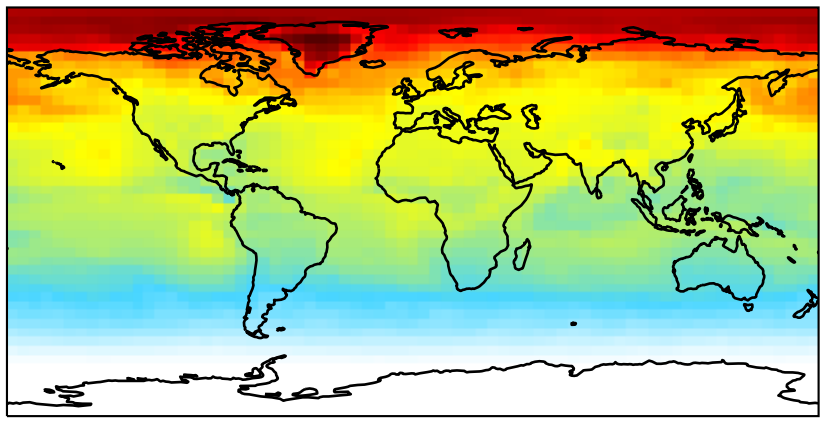
# Jval_HOBr (Jul2019)

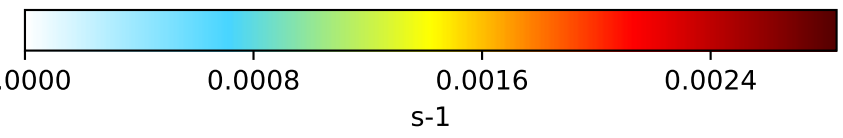
GCC_13.0.0 (Ref)
4.0x5.0



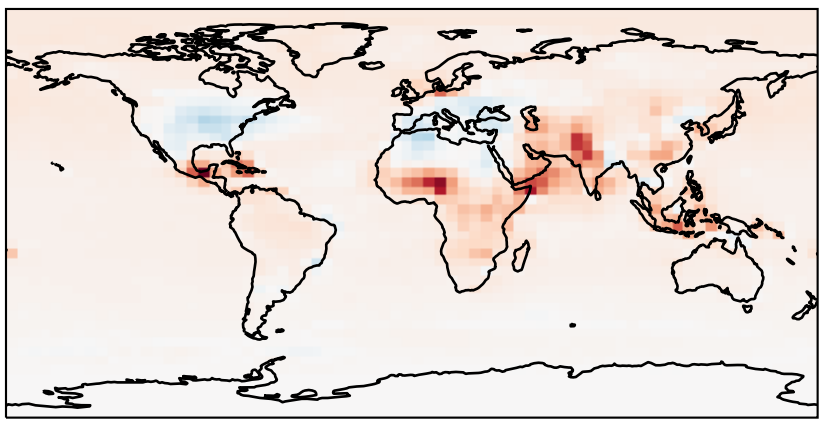


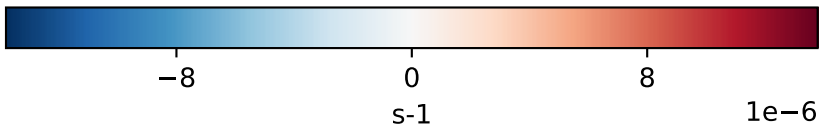

GCC_13.2.0 (Dev)
4.0x5.0



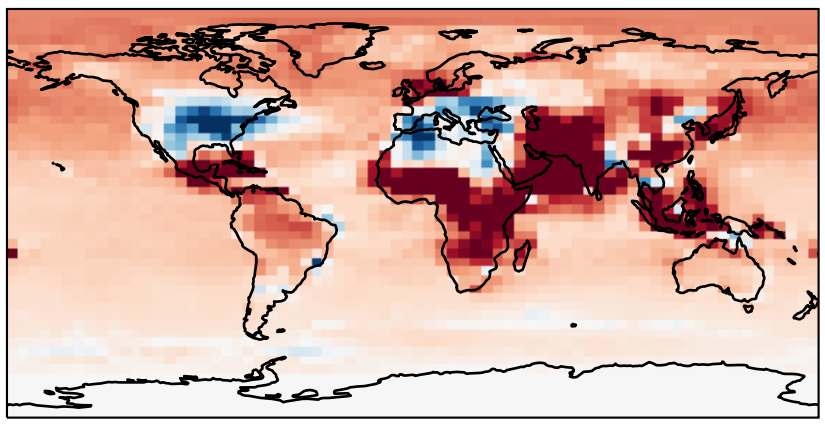


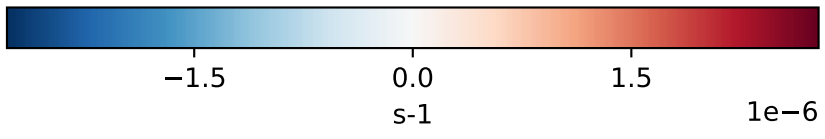

Difference
Dev - Ref, Dynamic Range



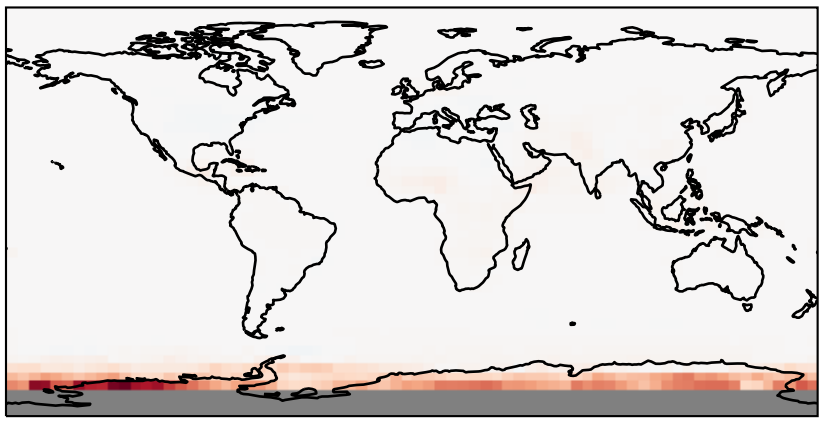


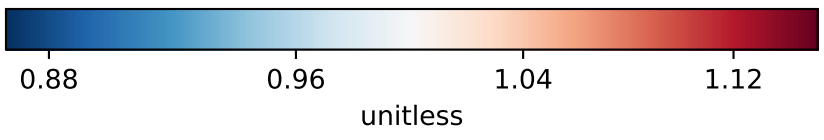

Difference
Dev - Ref, Restricted Range [5%,95%]





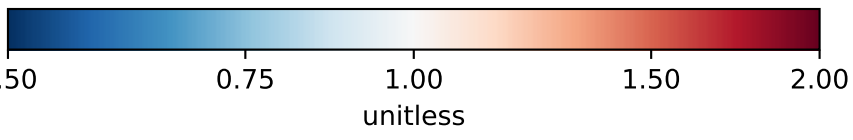

Ratio
Dev/Ref, Dynamic Range





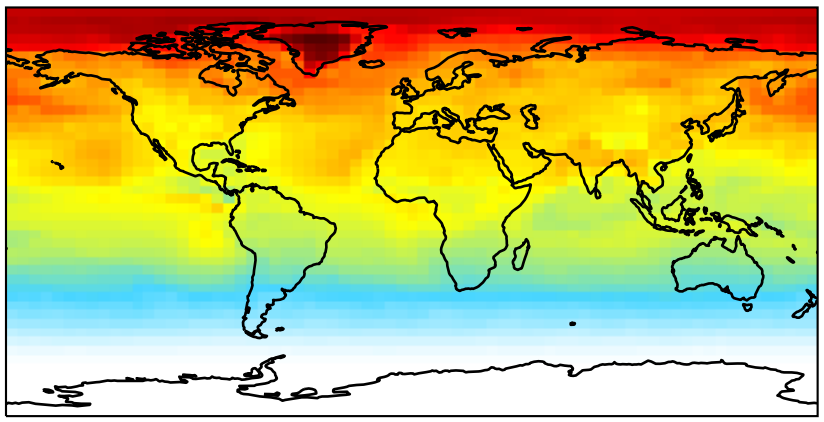

Ratio
Dev/Ref, Fixed Range

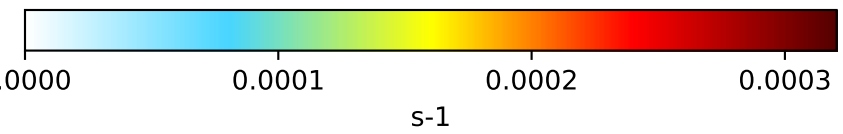




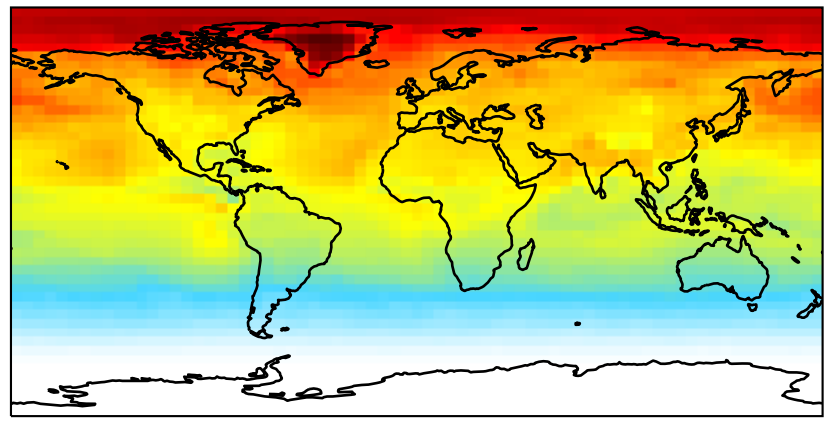
# Jval_HOCl (Jul2019)

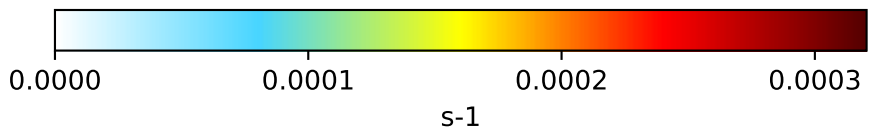
GCC_13.0.0 (Ref)
4.0x5.0



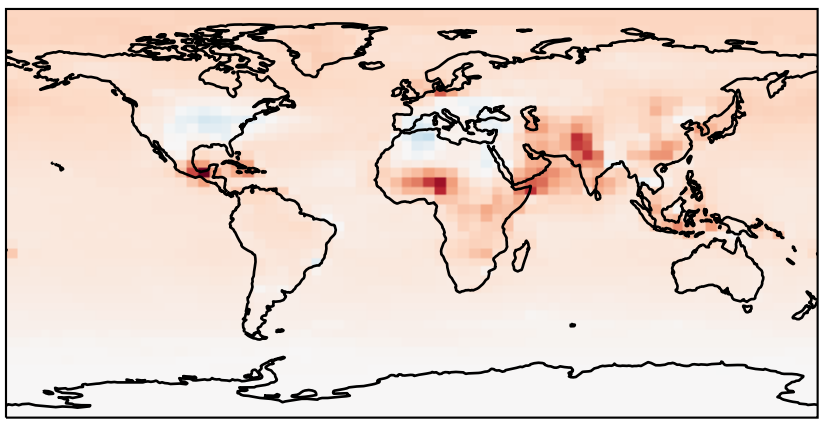


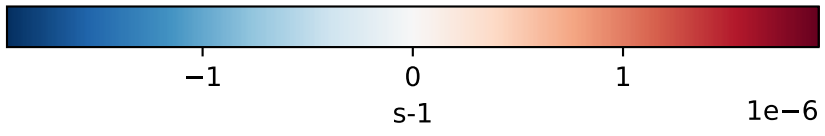

GCC_13.2.0 (Dev)
4.0x5.0



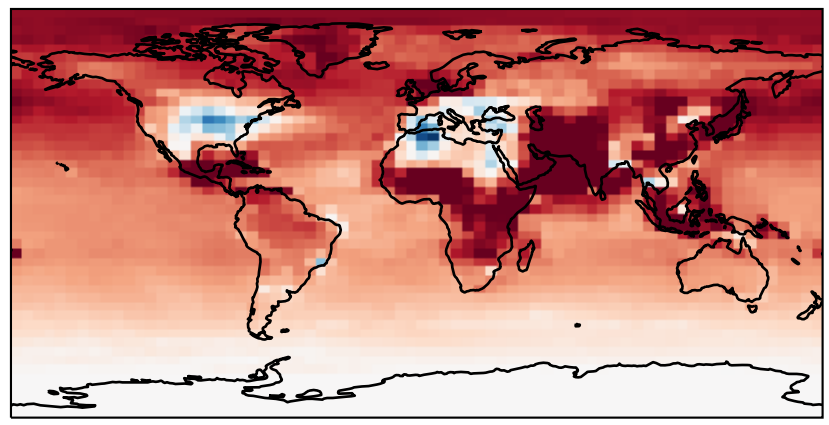


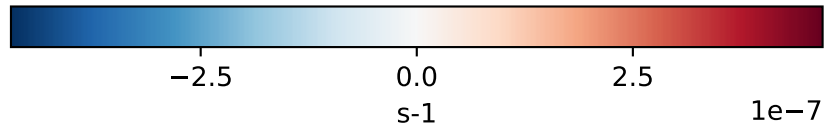

Difference
Dev - Ref, Dynamic Range



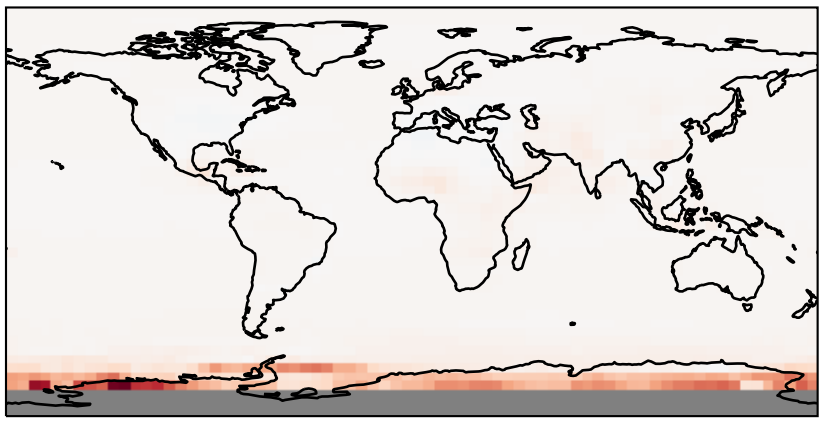


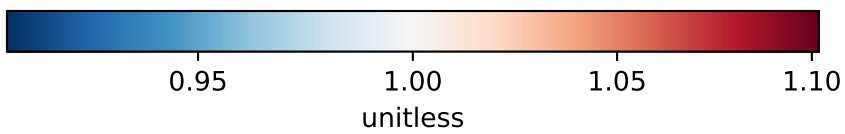

Difference
Dev - Ref, Restricted Range [5%,95%]



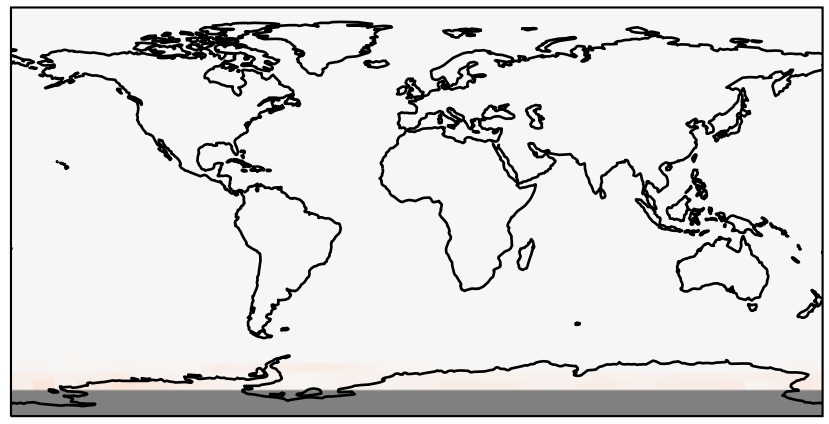


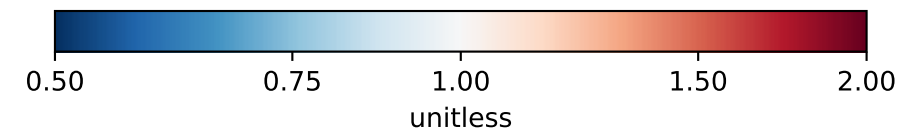

Ratio
Dev/Ref, Dynamic Range





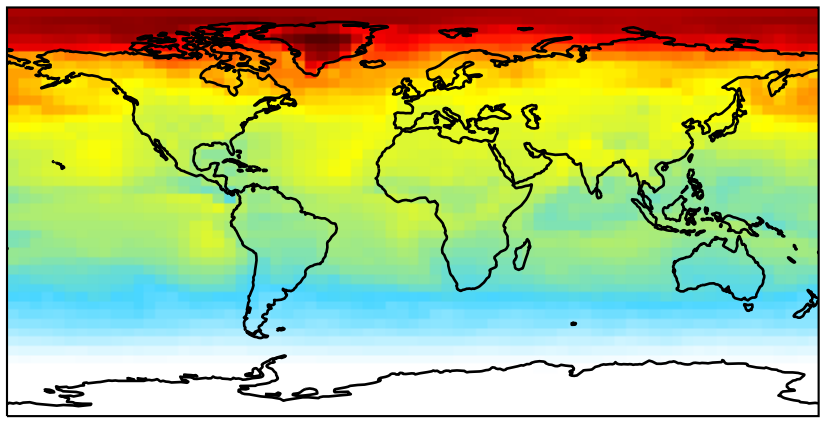

Ratio
Dev/Ref, Fixed Range

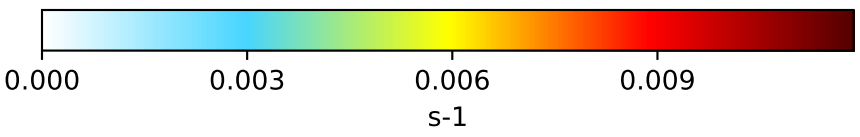




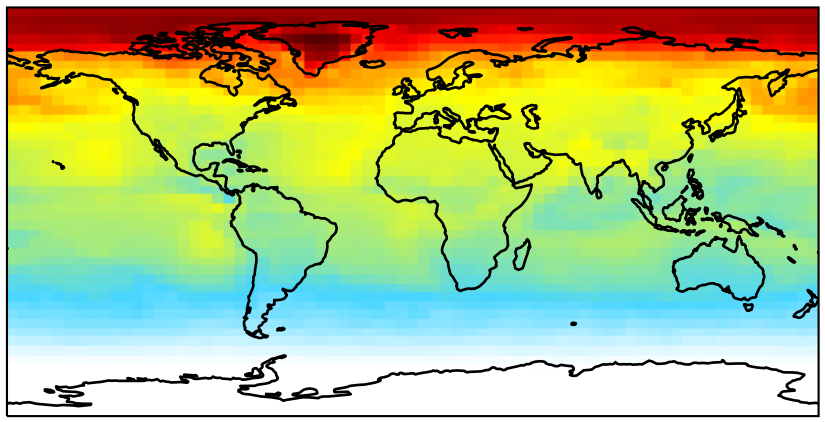
# Jval_HOI (Jul2019)

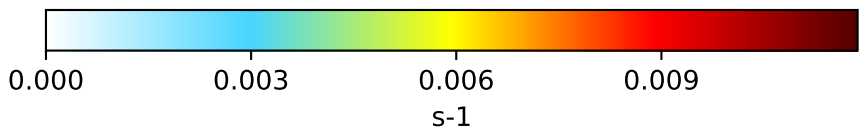
GCC_13.0.0 (Ref)
4.0x5.0



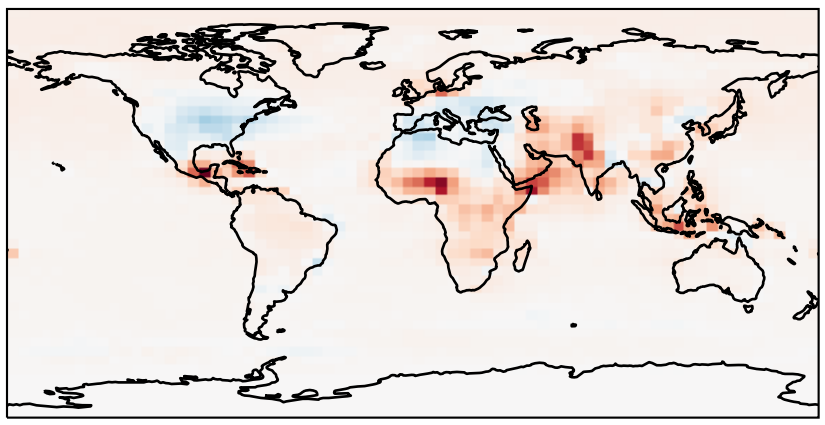


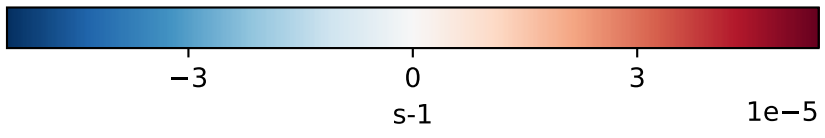

GCC_13.2.0 (Dev)
4.0x5.0



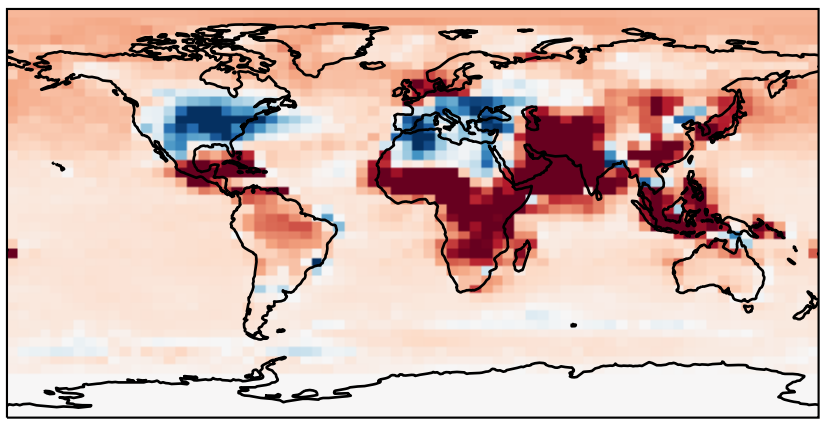


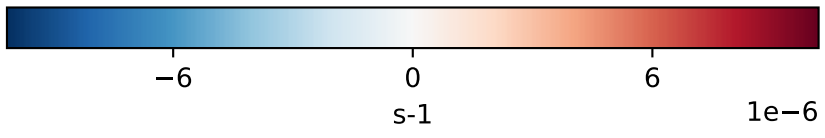

Difference
Dev - Ref, Dynamic Range



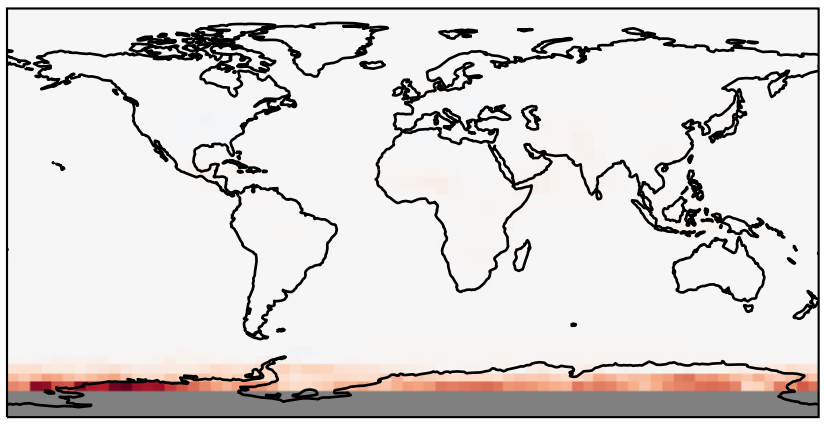


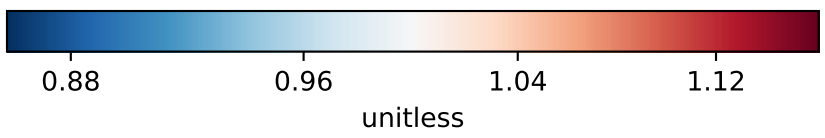

Difference
Dev - Ref, Restricted Range [5%,95%]



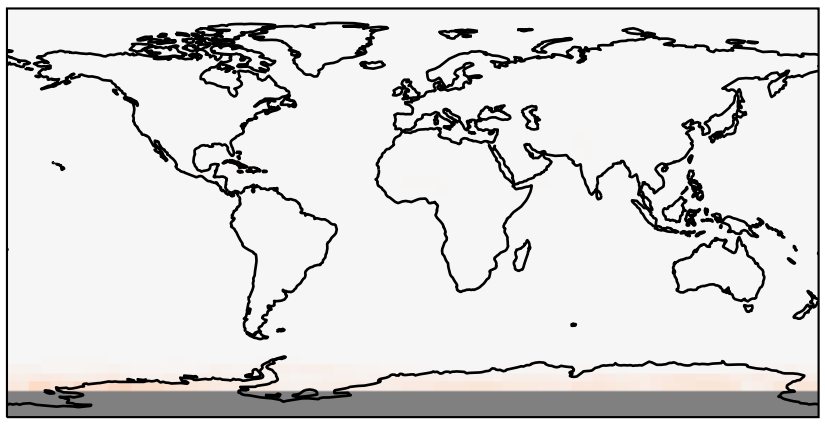


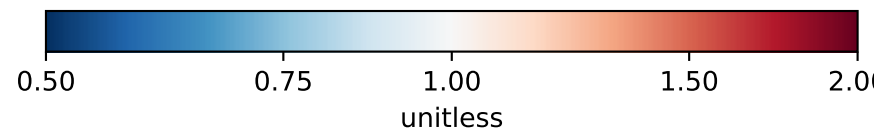

Ratio
Dev/Ref, Dynamic Range





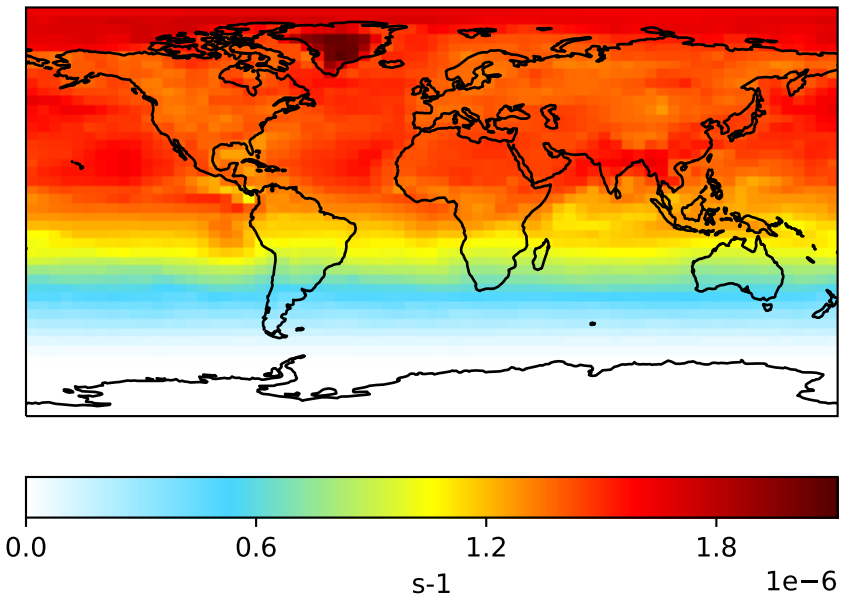

Ratio
Dev/Ref, Fixed Range



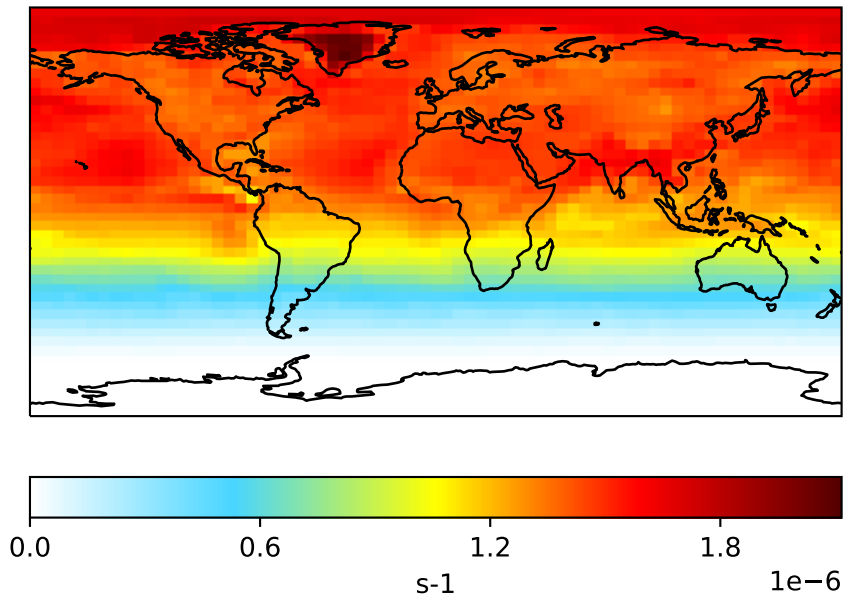


# Jval_HONIT (Jul2019)

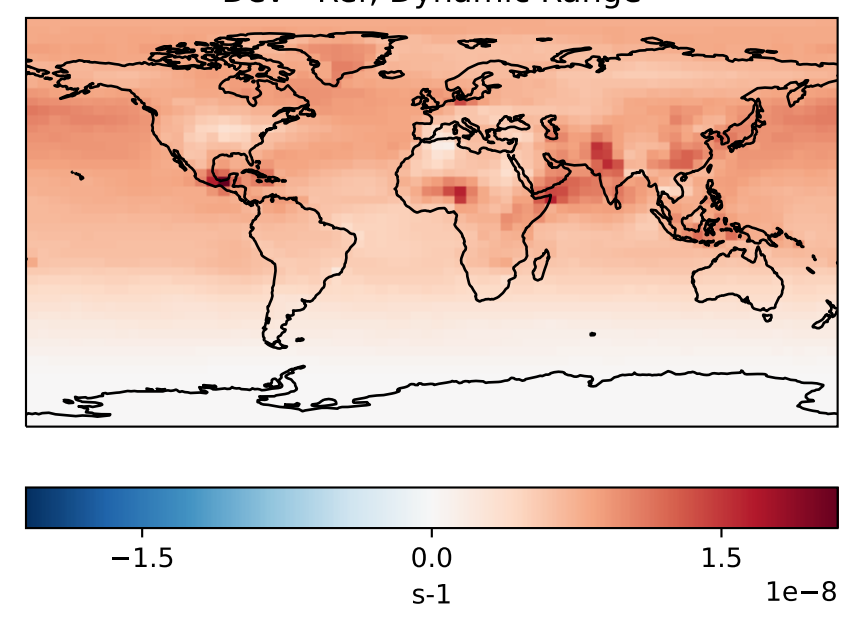
GCC_13.0.0 (Ref)
4.0x5.0



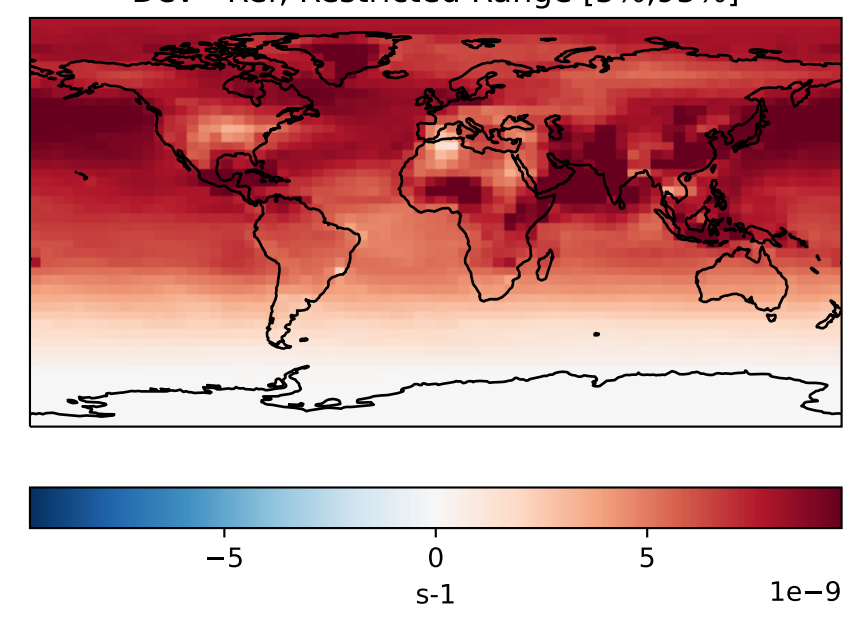

GCC_13.2.0 (Dev)
4.0x5.0



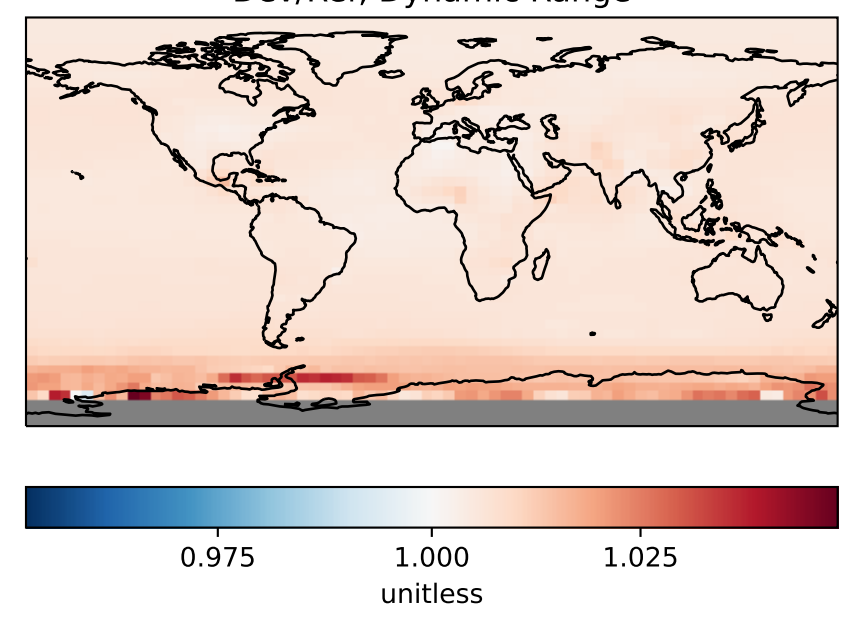

Difference
Dev - Ref, Dynamic Range



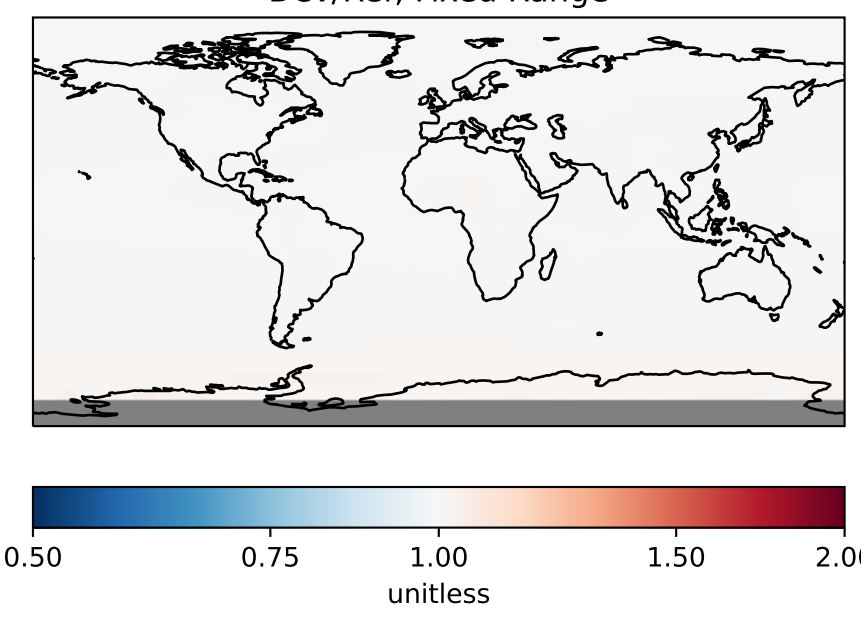

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

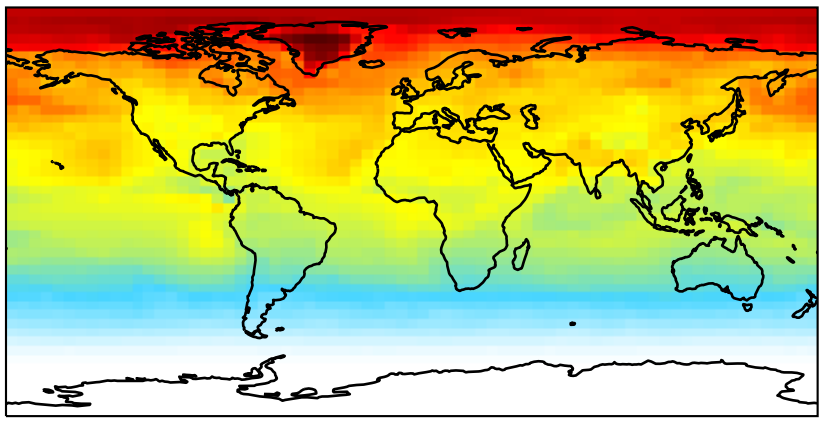


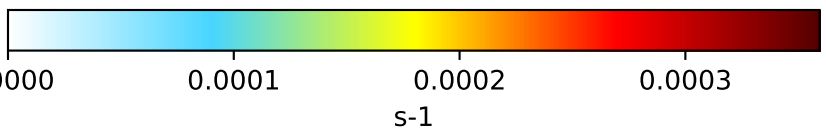

Ratio
Dev/Ref, Fixed Range



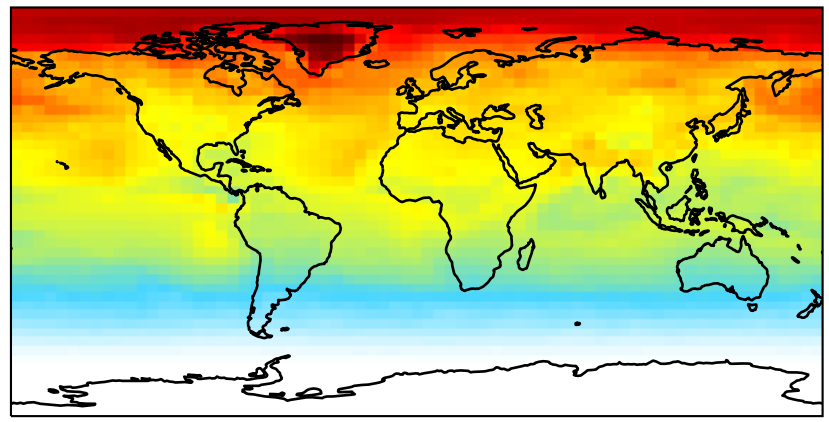
# Jval_HPALD1 (Jul2019)

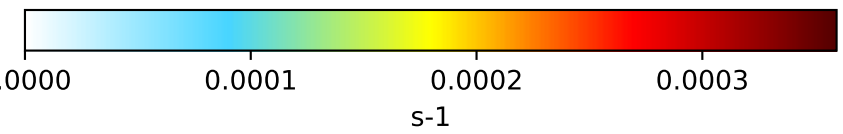
GCC_13.0.0 (Ref)
4.0x5.0



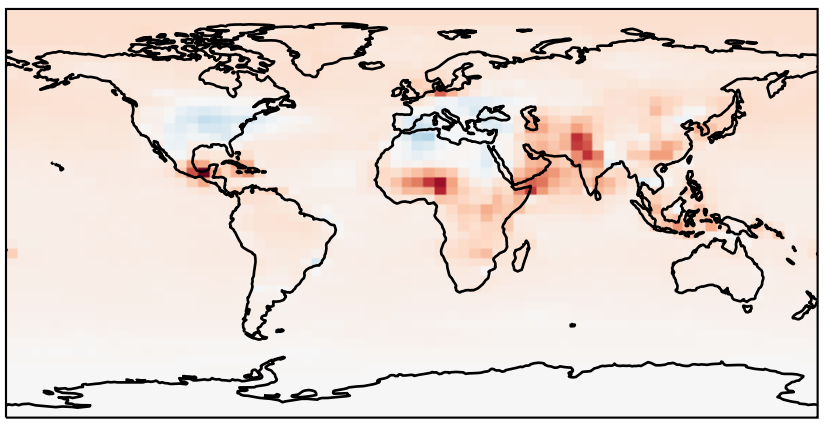


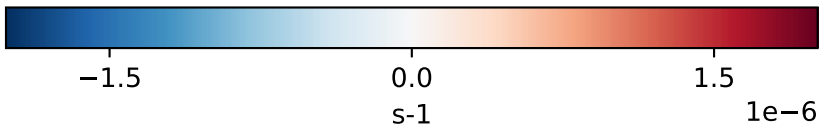

GCC_13.2.0 (Dev)
4.0x5.0



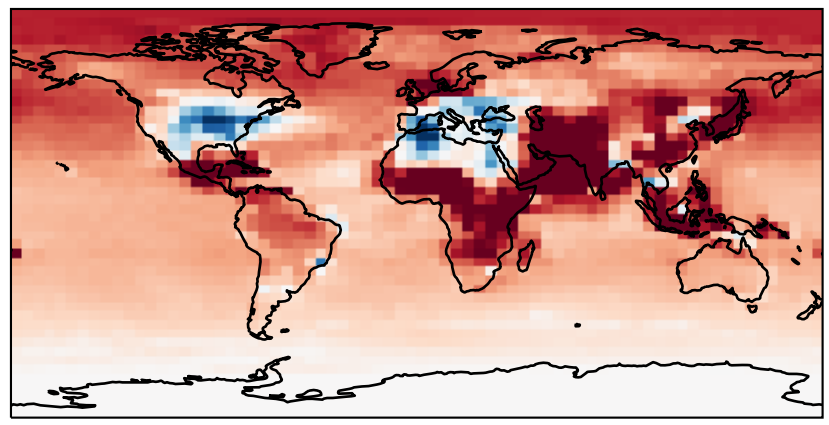


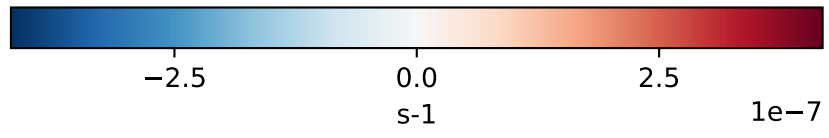

Difference
Dev - Ref, Dynamic Range



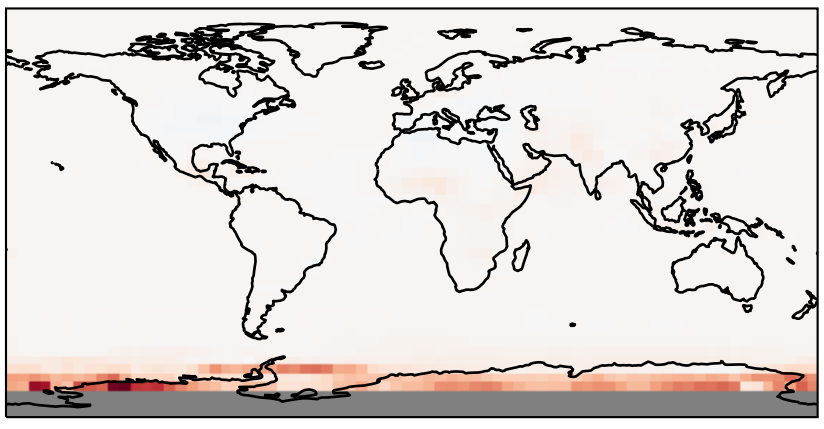


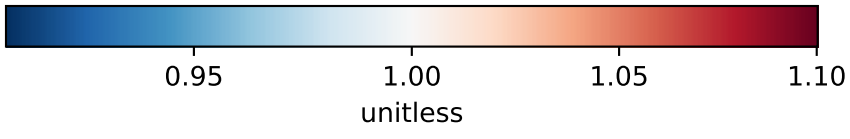

Difference
Dev - Ref, Restricted Range [5%,95%]





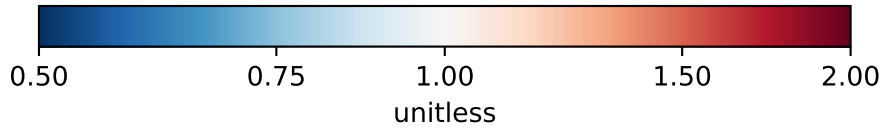

Ratio
Dev/Ref, Dynamic Range





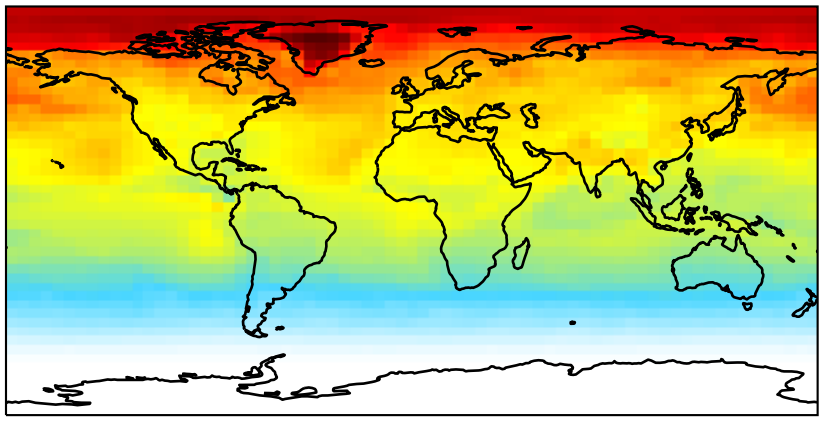

Ratio
Dev/Ref, Fixed Range

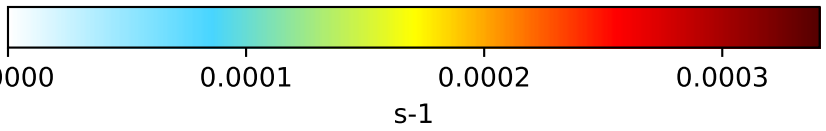




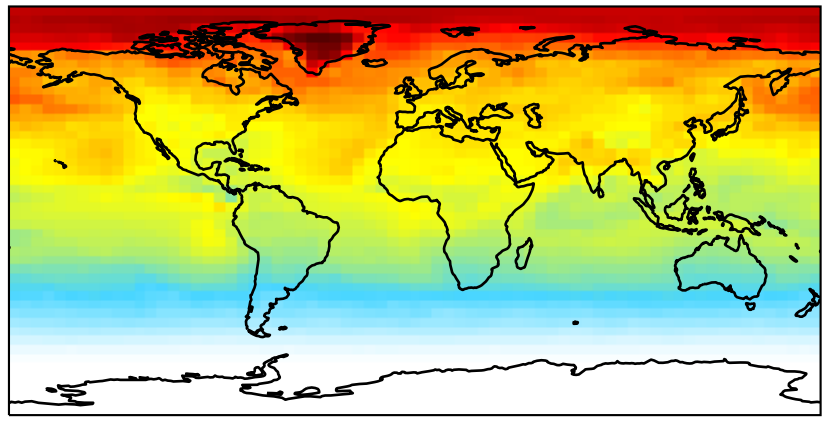
# Jval_HPALD2 (Jul2019)

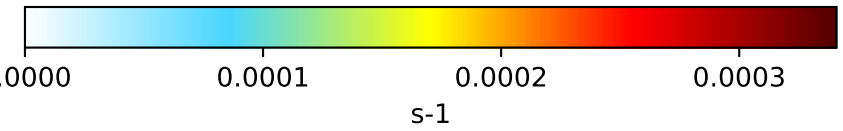
GCC_13.0.0 (Ref)
4.0x5.0



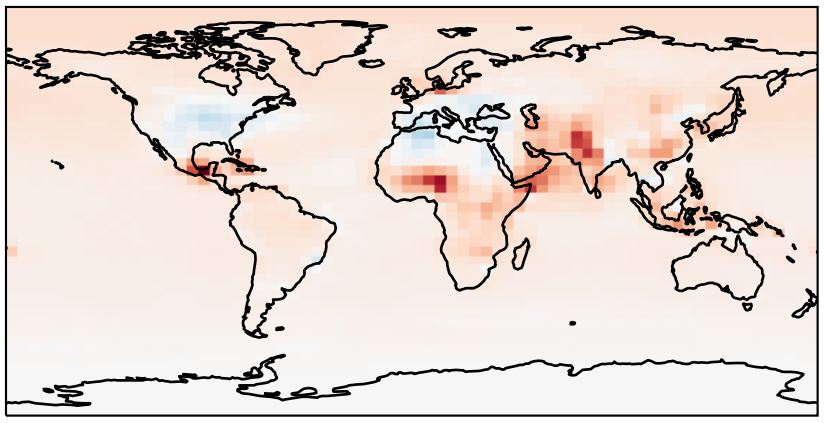


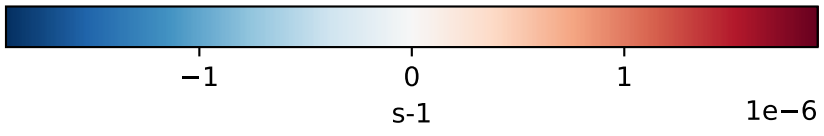

GCC_13.2.0 (Dev)
4.0x5.0



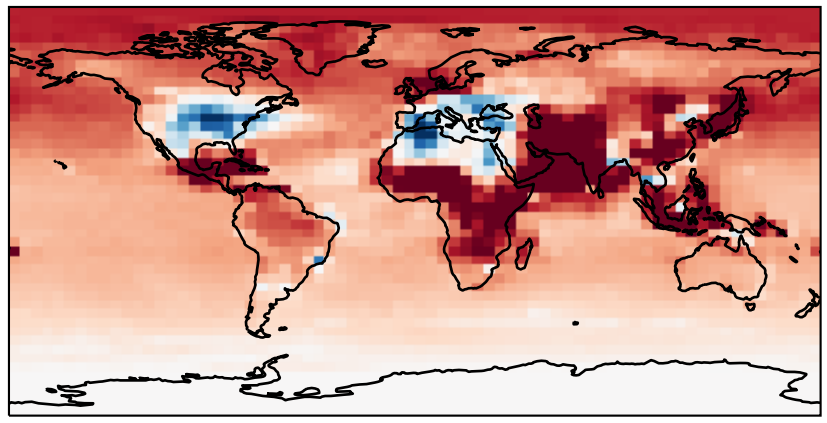


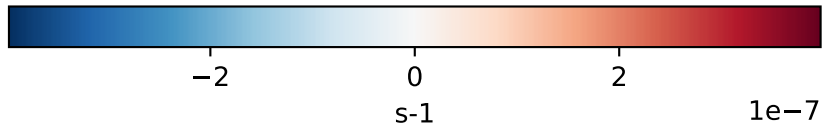

Difference
Dev - Ref, Dynamic Range



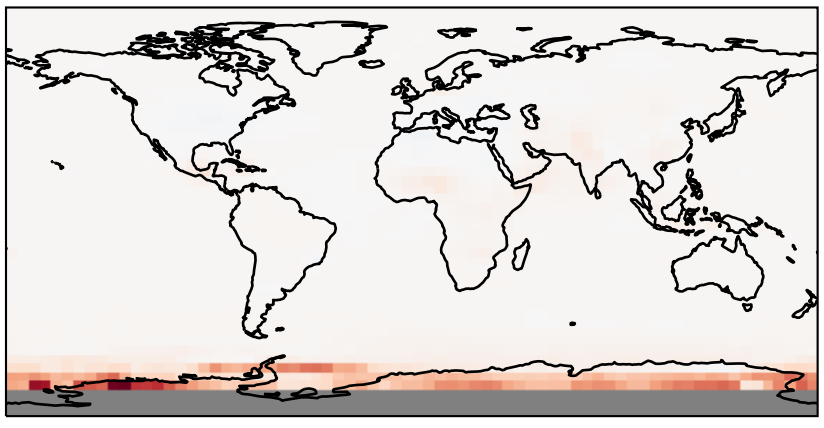


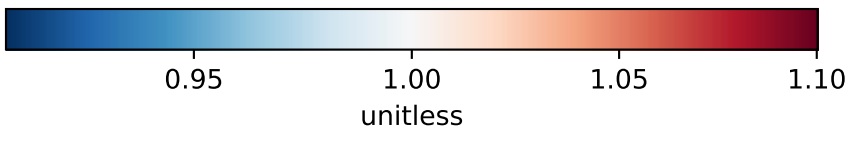

Difference
Dev - Ref, Restricted Range [5%,95%]





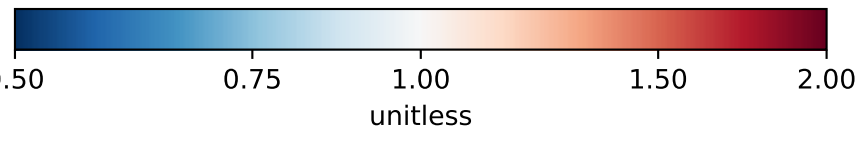

Ratio
Dev/Ref, Dynamic Range





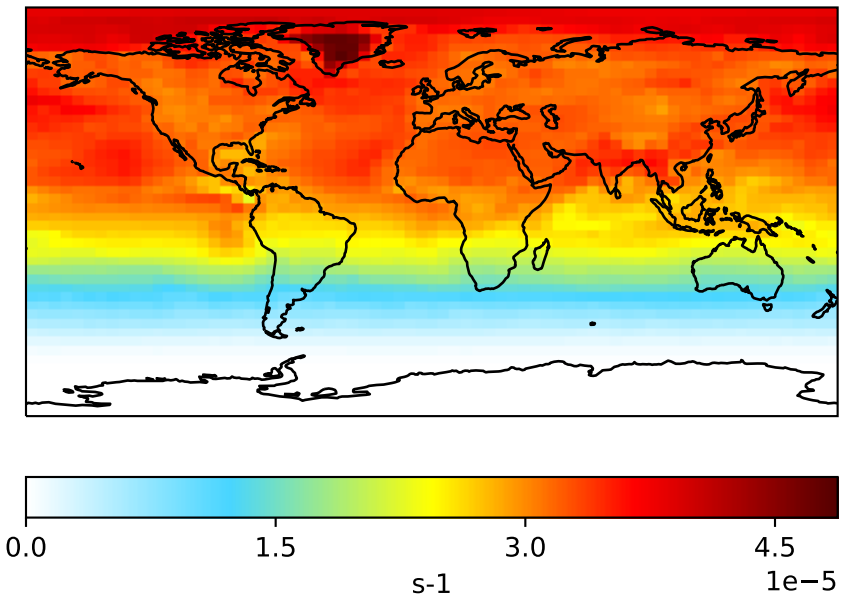

Ratio
Dev/Ref, Fixed Range



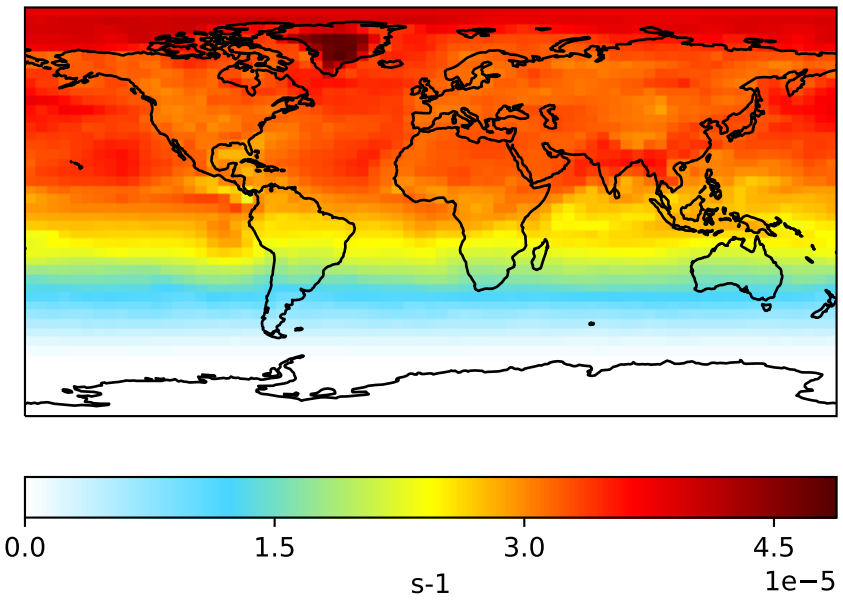


# Jval_HPALD3 (Jul2019)

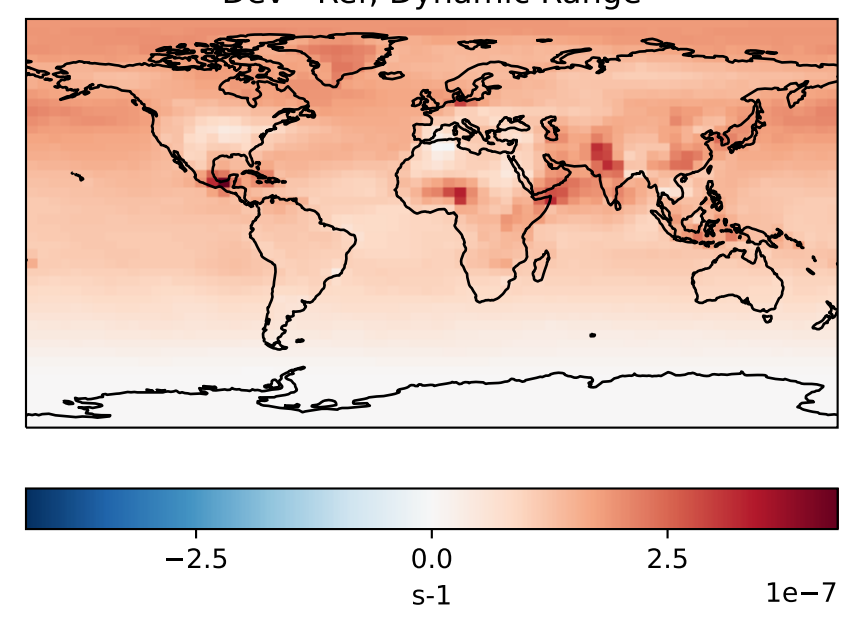
GCC_13.0.0 (Ref)
4.0x5.0



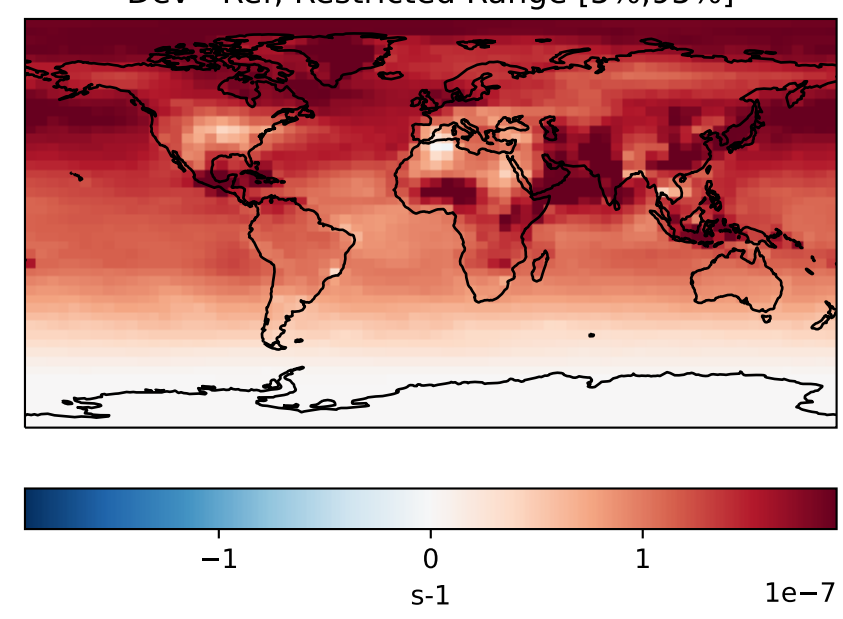

GCC_13.2.0 (Dev)
4.0x5.0



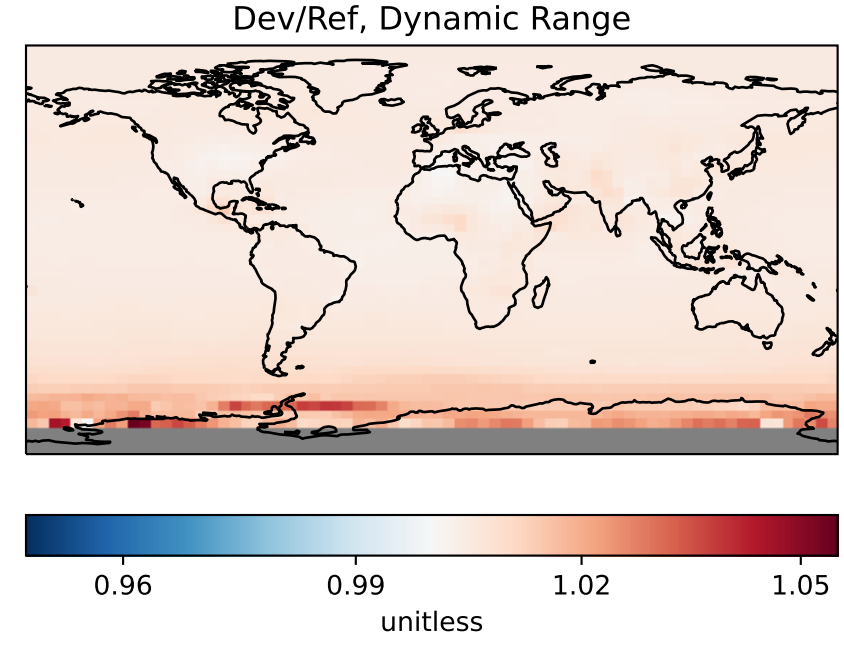

Difference
Dev - Ref, Dynamic Range



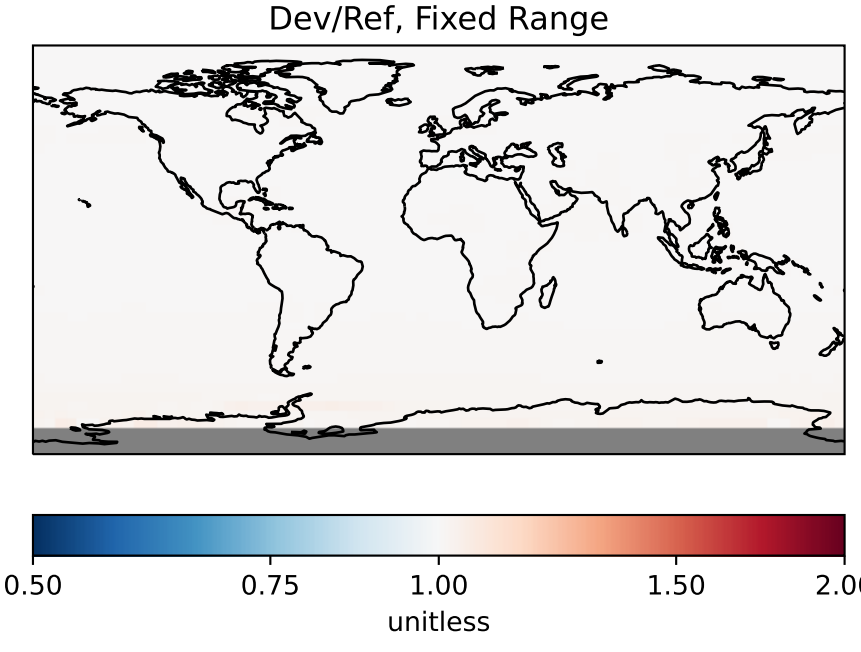

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

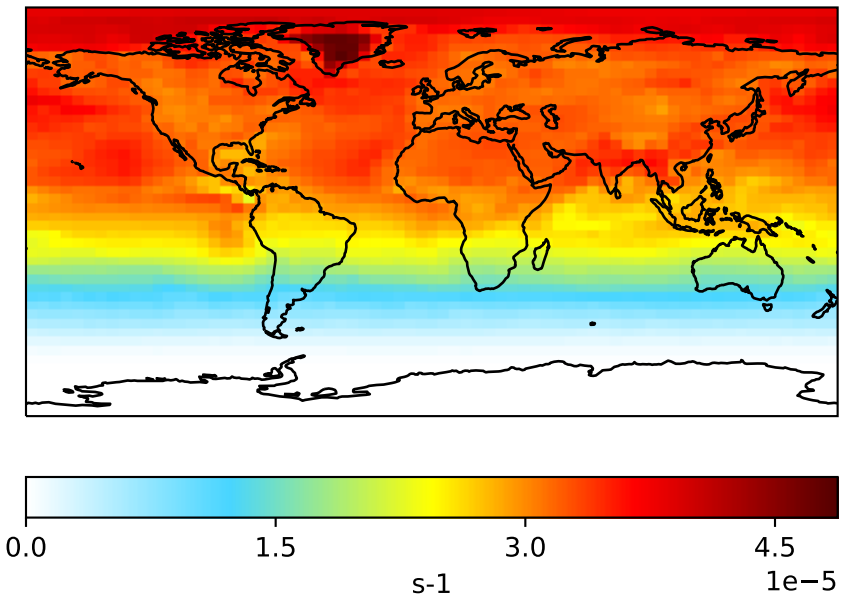



Ratio
Dev/Ref, Fixed Range

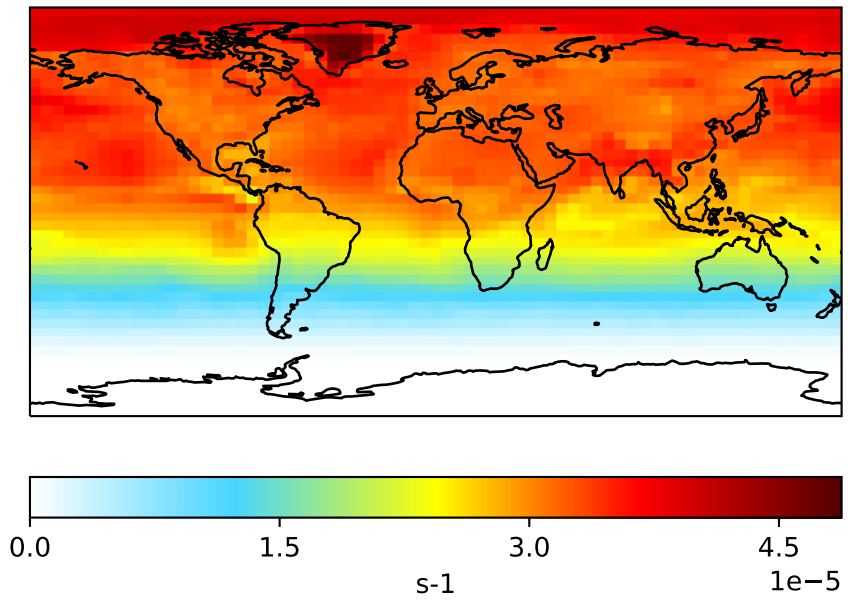


# Jval_HPALD4 (Jul2019)

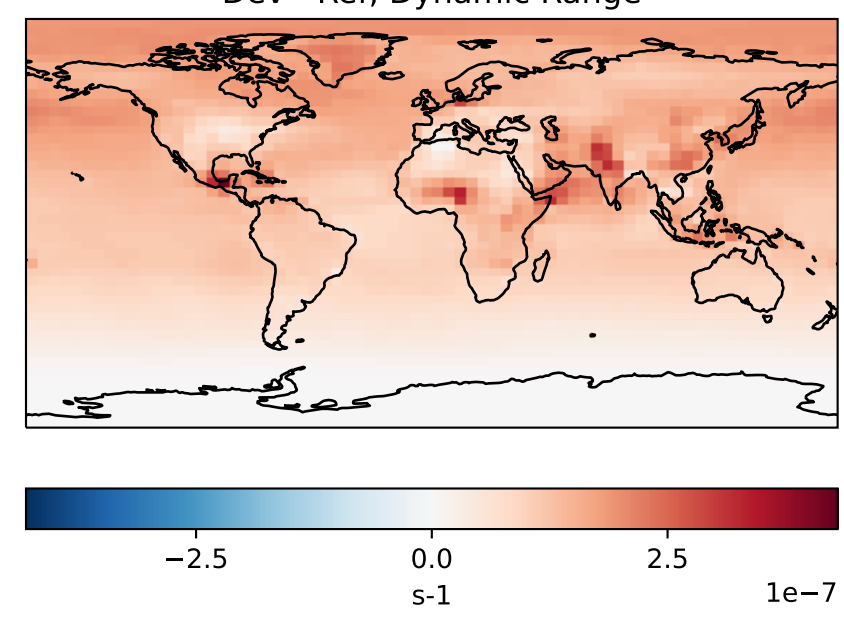
GCC_13.0.0 (Ref)
4.0x5.0



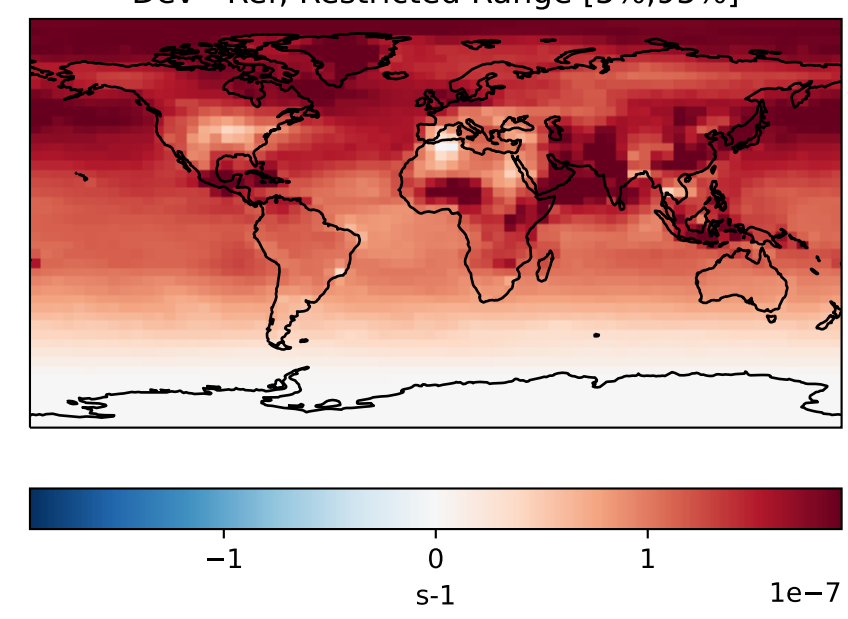

GCC_13.2.0 (Dev)
4.0x5.0



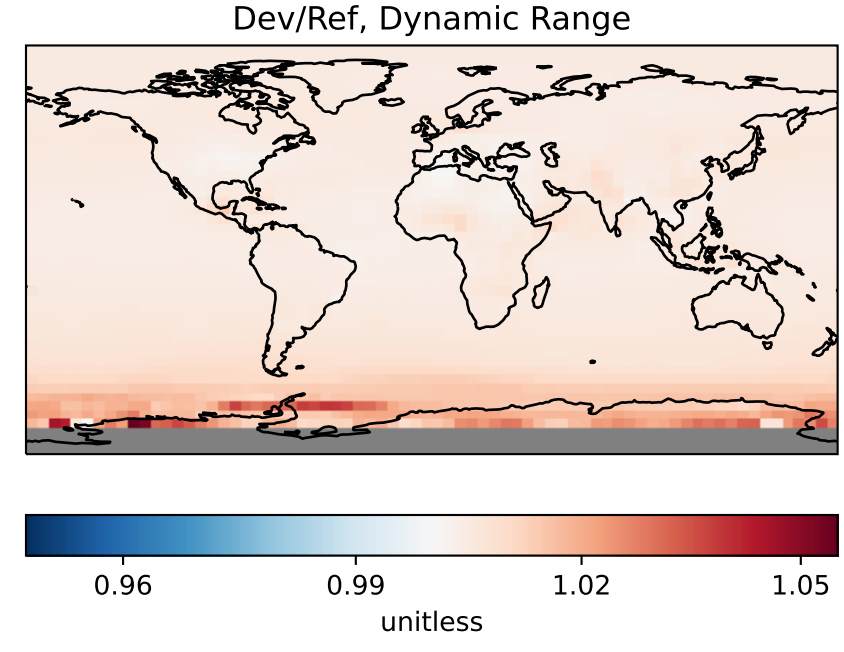

Difference
Dev - Ref, Dynamic Range



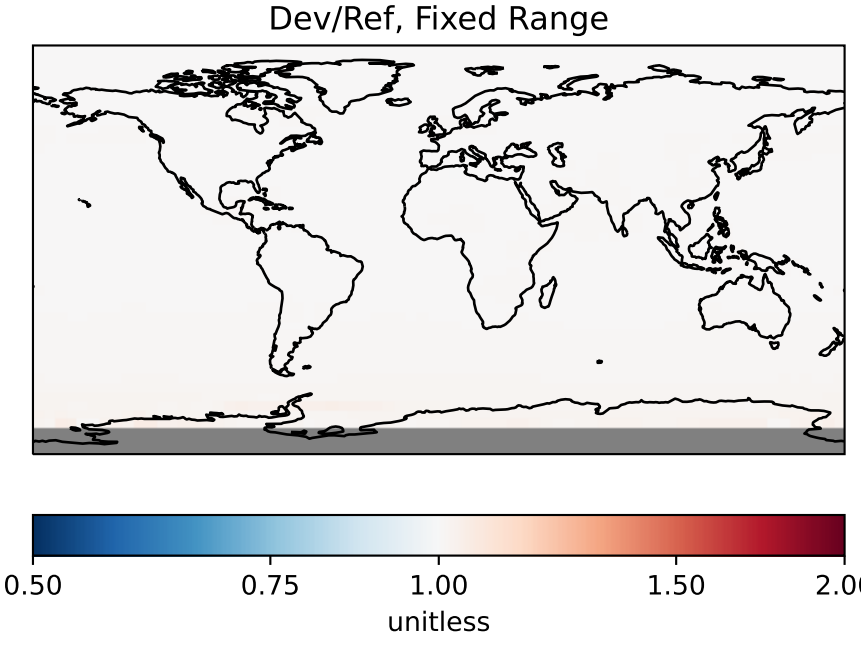

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

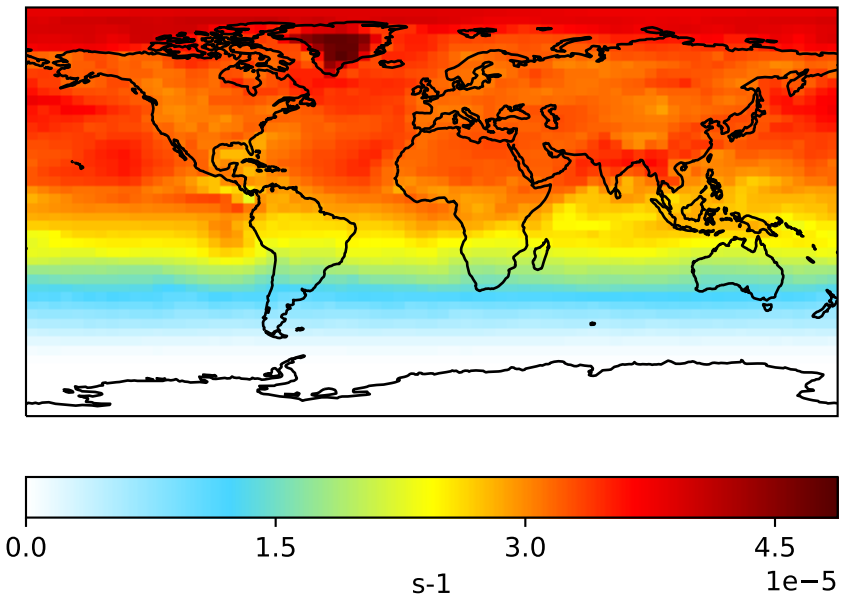



Ratio
Dev/Ref, Fixed Range

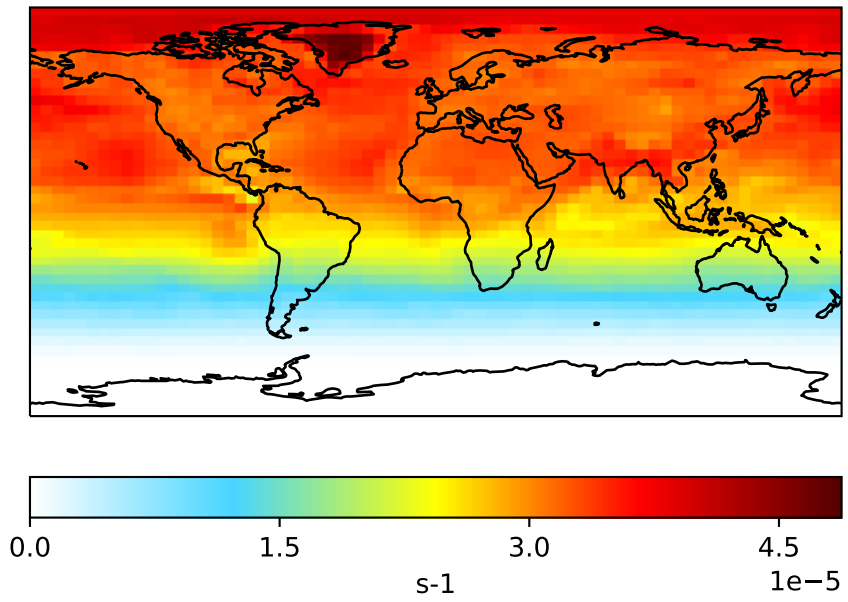


# Jval_HPETHNL (Jul2019)

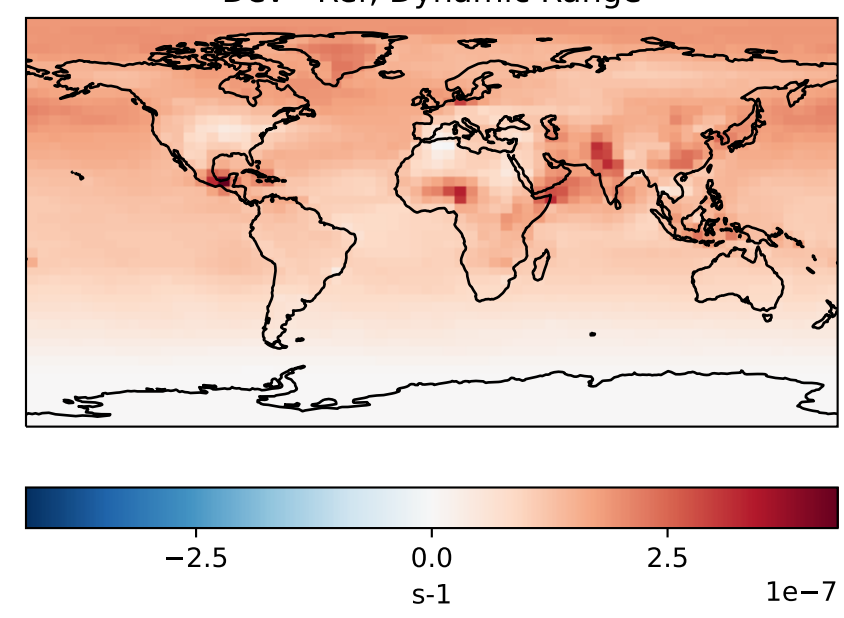
GCC_13.0.0 (Ref)
4.0x5.0



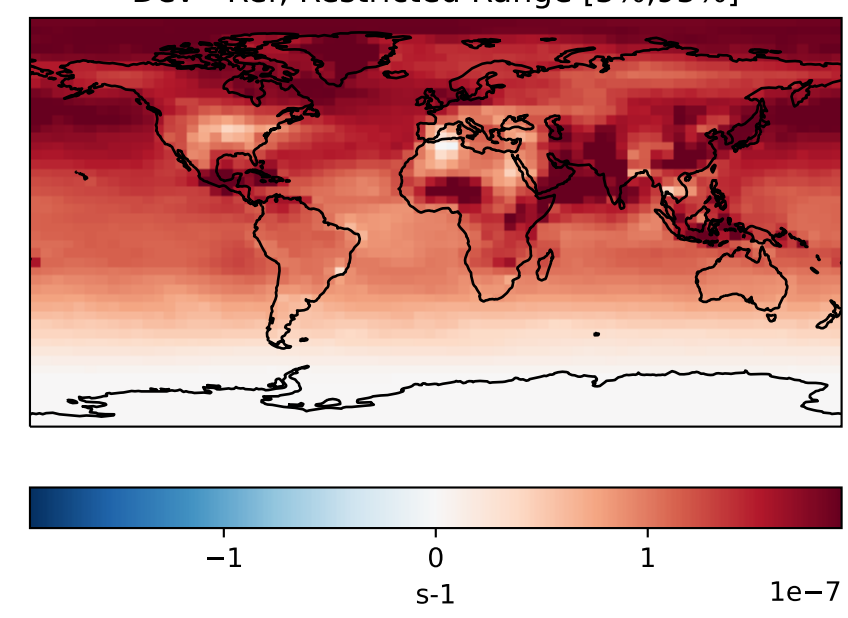

GCC_13.2.0 (Dev)
4.0x5.0



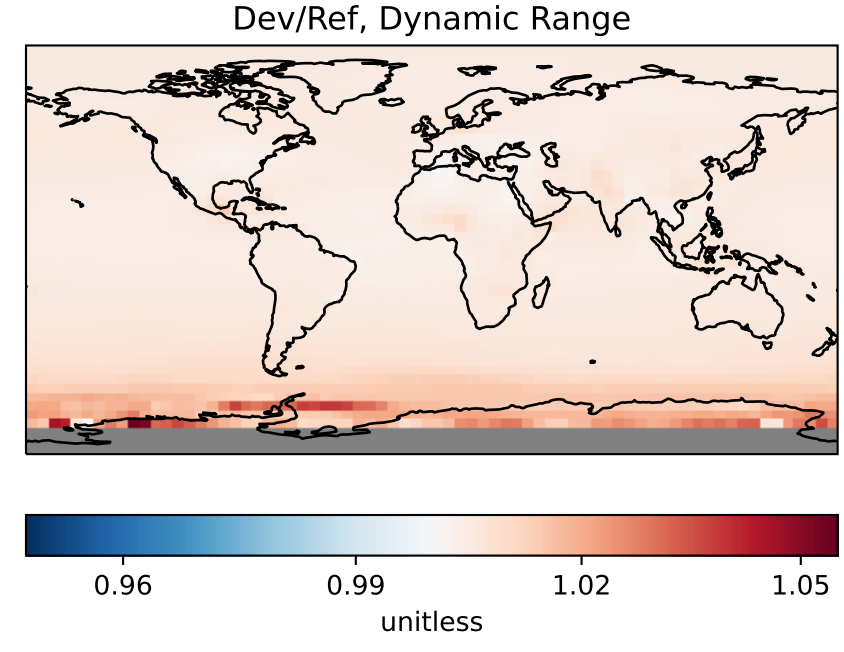

Difference
Dev - Ref, Dynamic Range



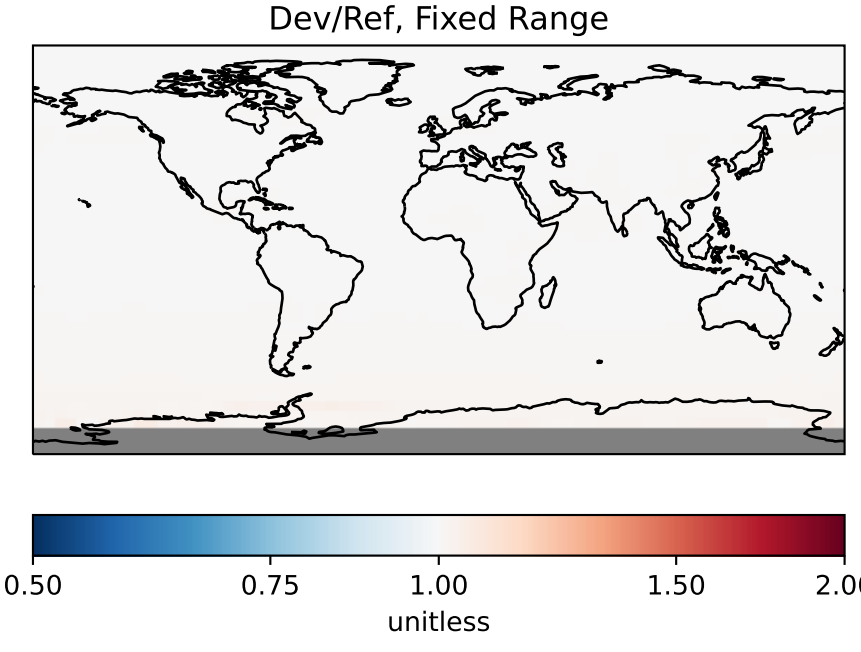

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

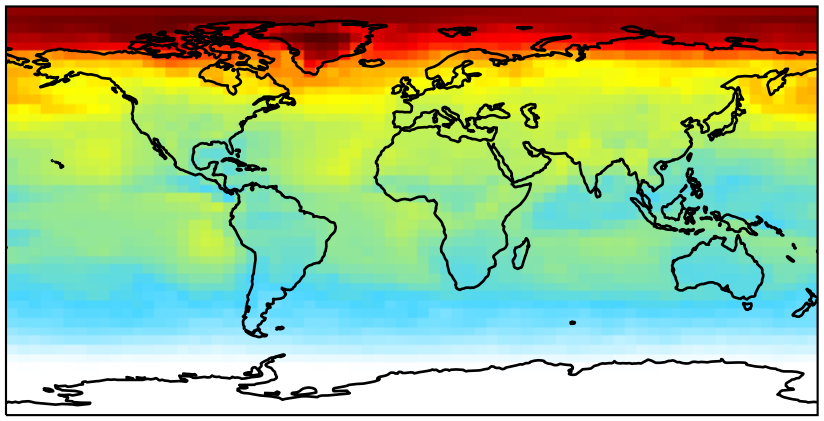


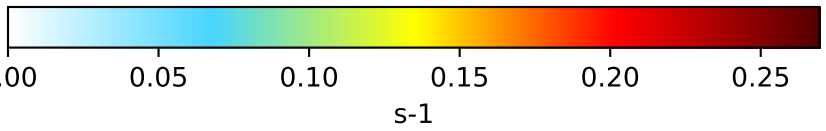

Ratio
Dev/Ref, Fixed Range



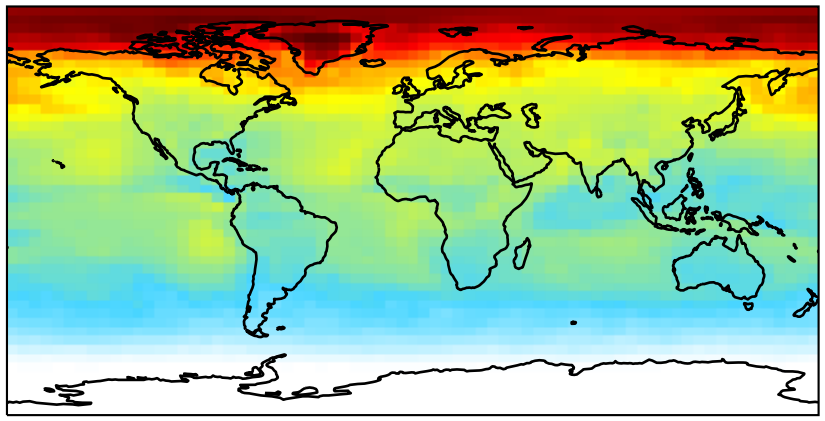
# Jval_I2 (Jul2019)

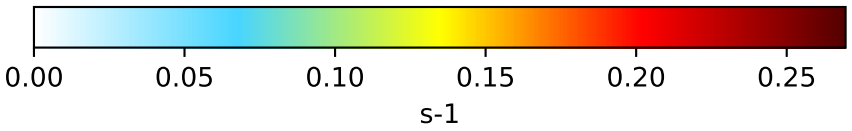
GCC_13.0.0 (Ref)
4.0x5.0



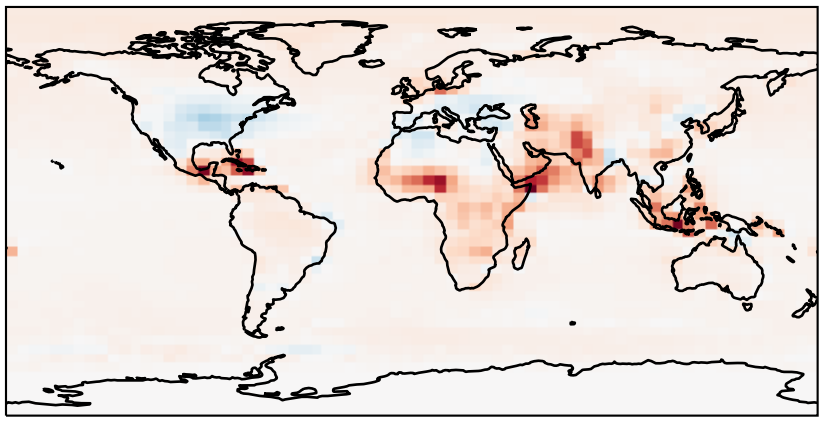


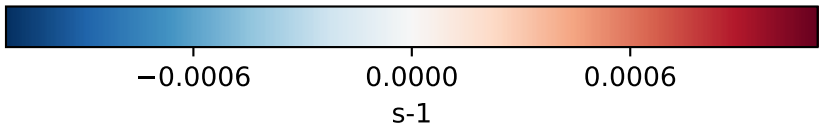

GCC_13.2.0 (Dev)
4.0x5.0



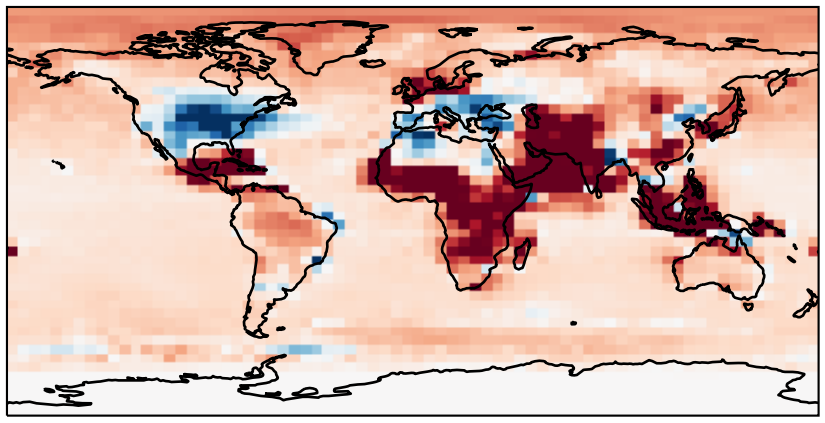


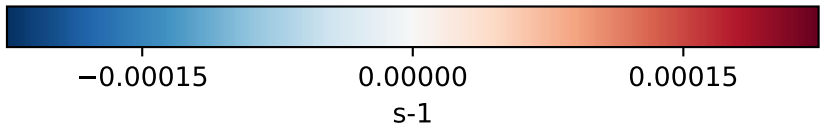

Difference
Dev - Ref, Dynamic Range



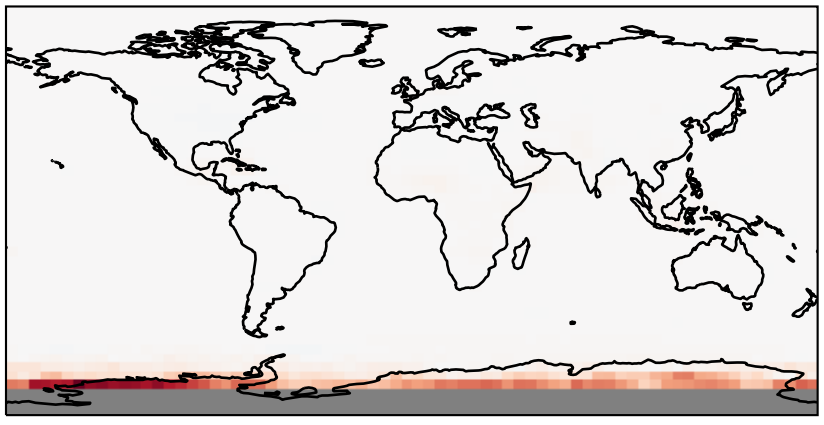


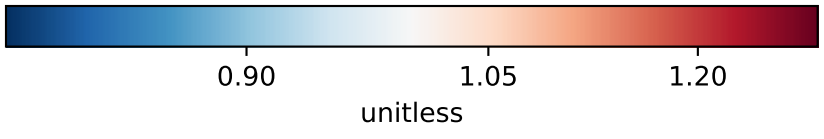

Difference
Dev - Ref, Restricted Range [5%,95%]



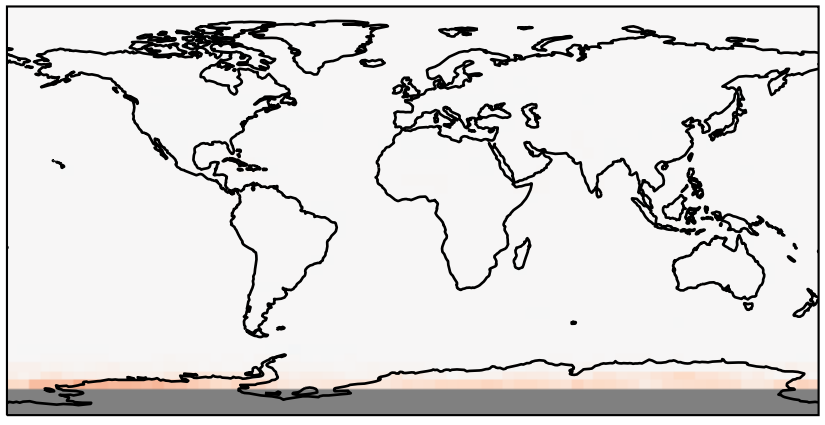


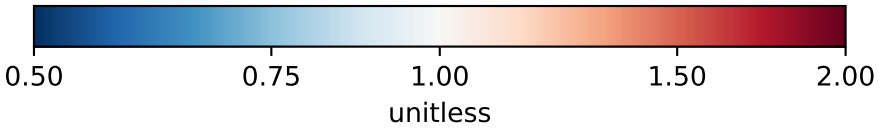

Ratio
Dev/Ref, Dynamic Range





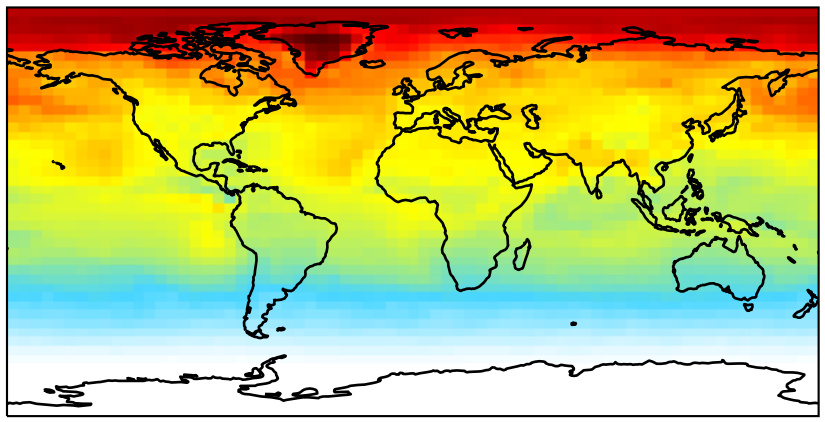

Ratio
Dev/Ref, Fixed Range

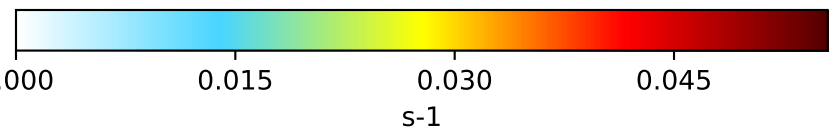




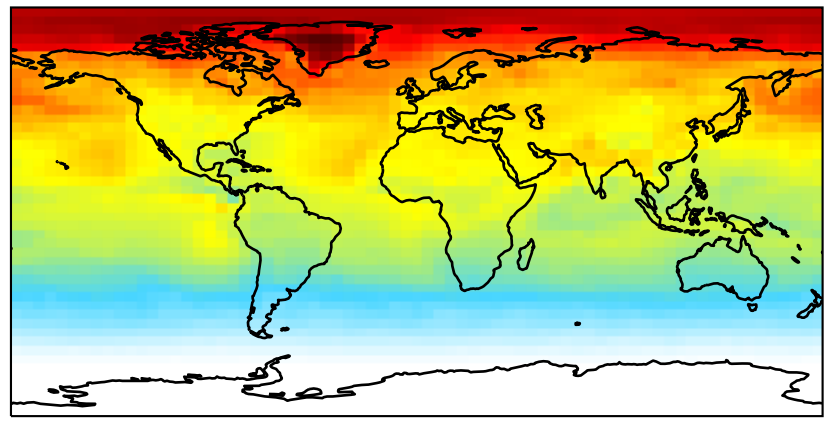
# Jval_I2O2 (Jul2019)

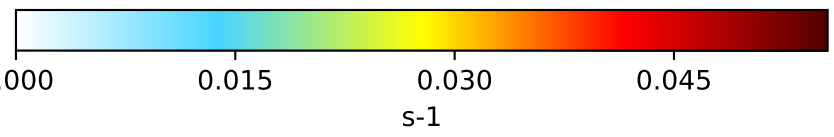
GCC_13.0.0 (Ref)
4.0x5.0



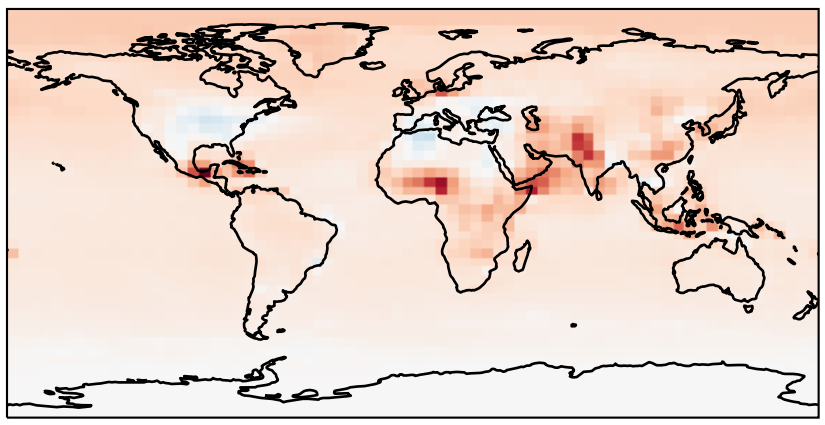


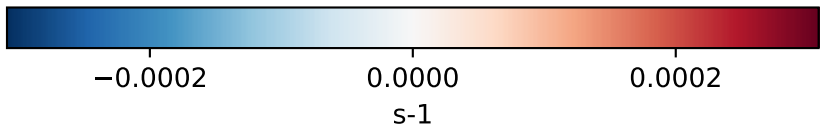

GCC_13.2.0 (Dev)
4.0x5.0



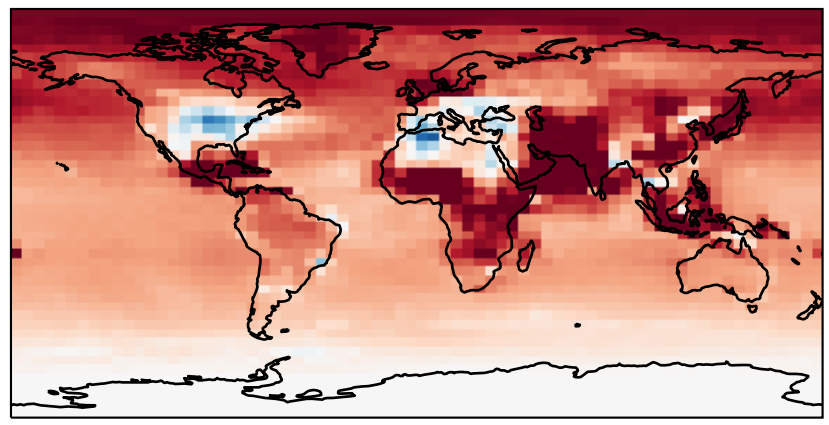


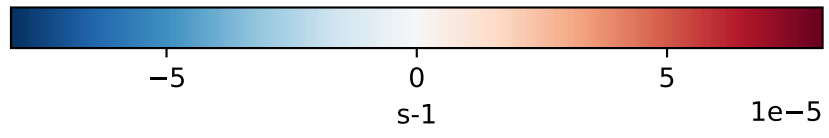

Difference
Dev - Ref, Dynamic Range



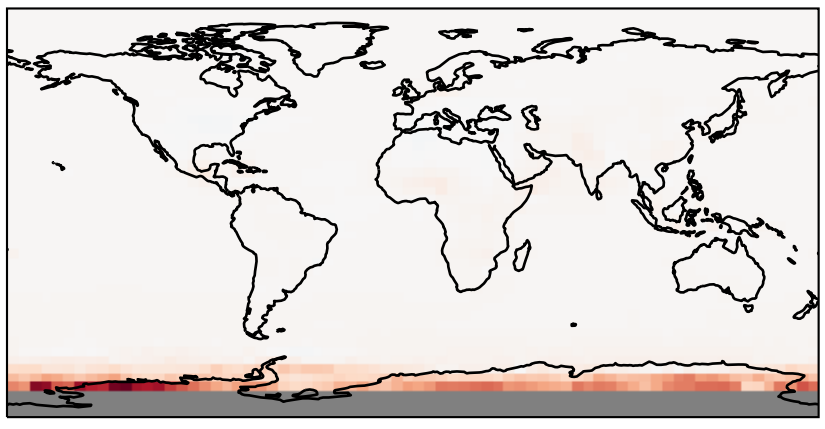


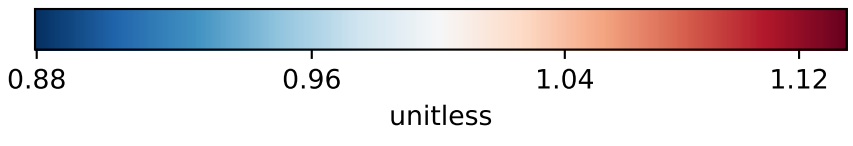

Difference
Dev - Ref, Restricted Range [5%,95%]





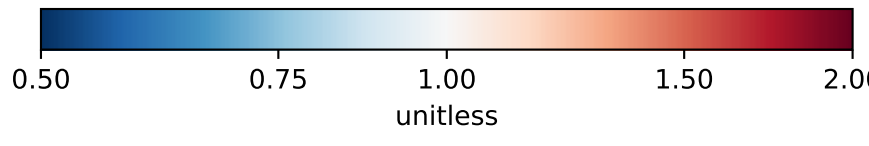

Ratio
Dev/Ref, Dynamic Range





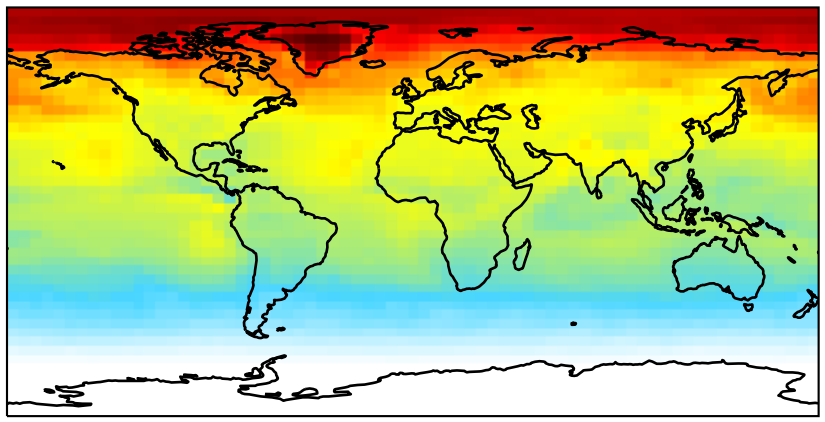

Ratio
Dev/Ref, Fixed Range

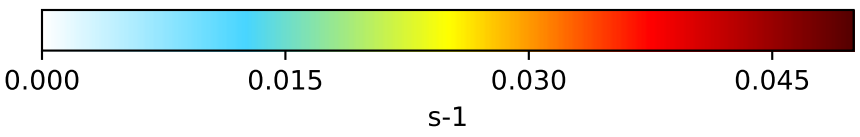




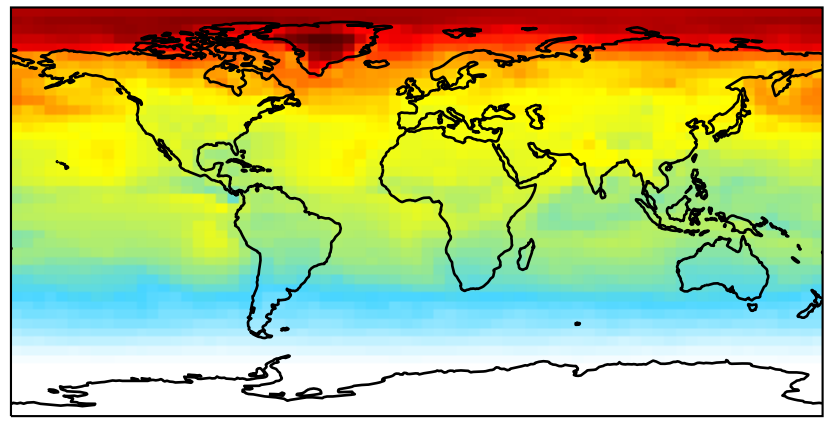
# Jval_I2O3 (Jul2019)

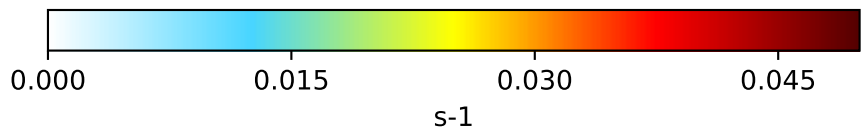
GCC_13.0.0 (Ref)
4.0x5.0



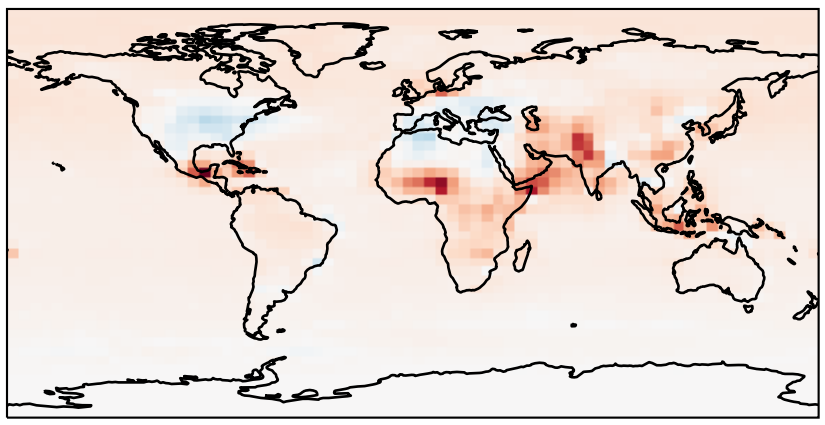


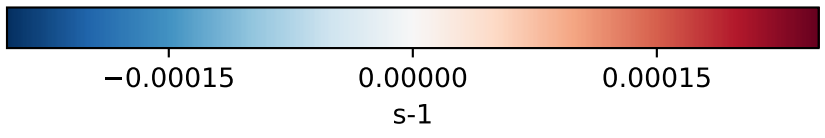

GCC_13.2.0 (Dev)
4.0x5.0



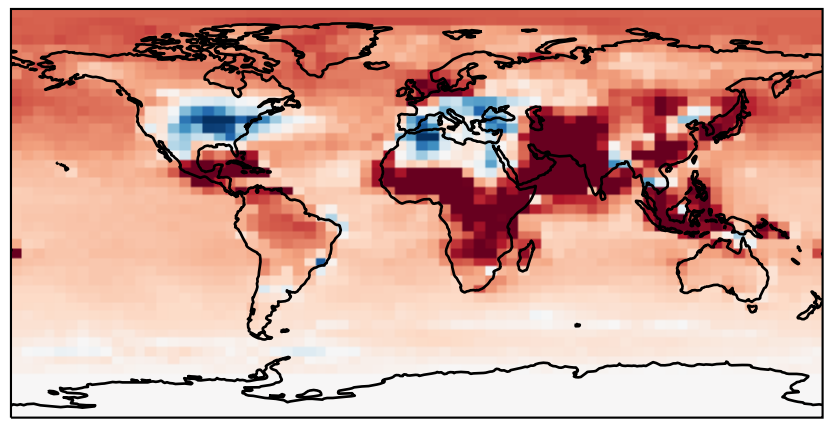


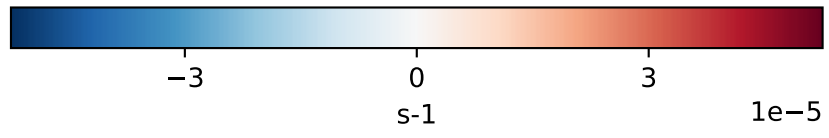

Difference
Dev - Ref, Dynamic Range



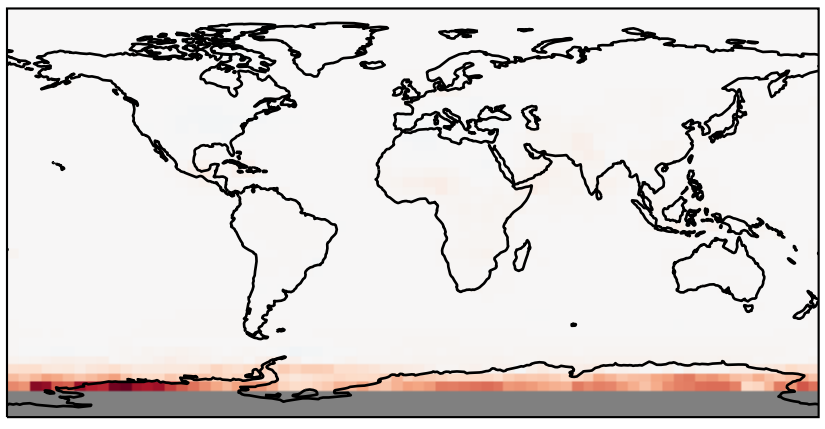


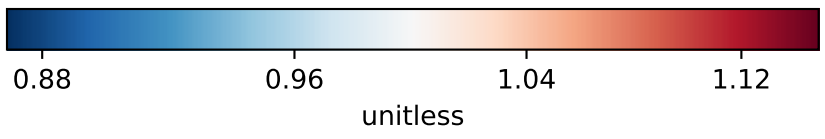

Difference
Dev - Ref, Restricted Range [5%,95%]





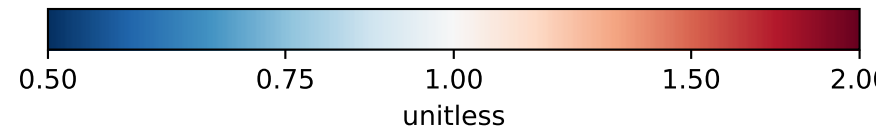

Ratio
Dev/Ref, Dynamic Range





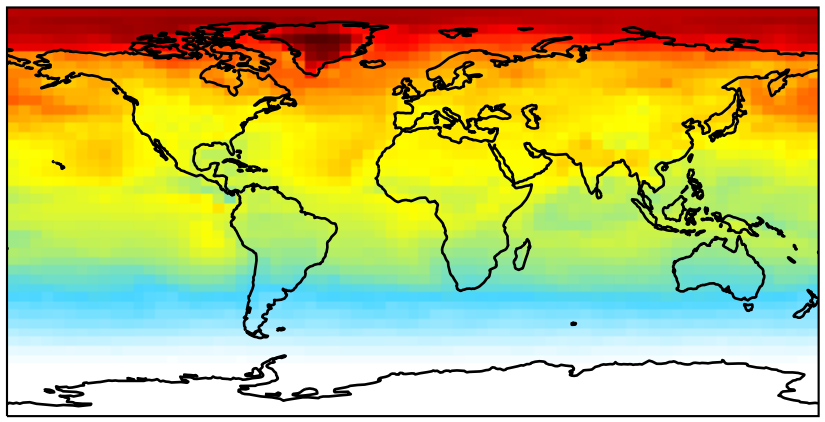

Ratio
Dev/Ref, Fixed Range

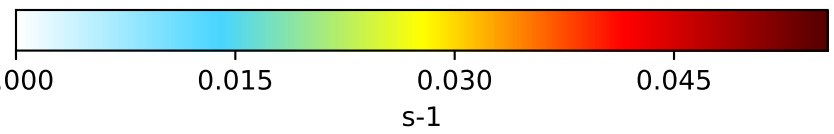




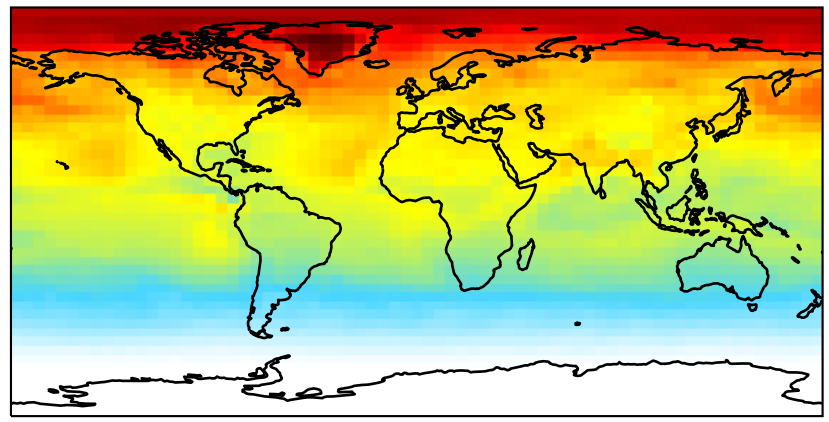
# Jval_I2O4 (Jul2019)

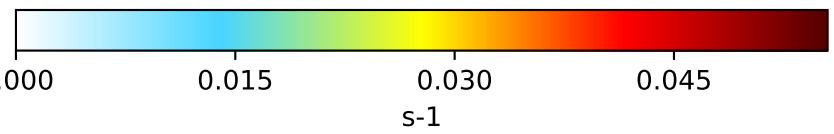
GCC_13.0.0 (Ref)
4.0x5.0



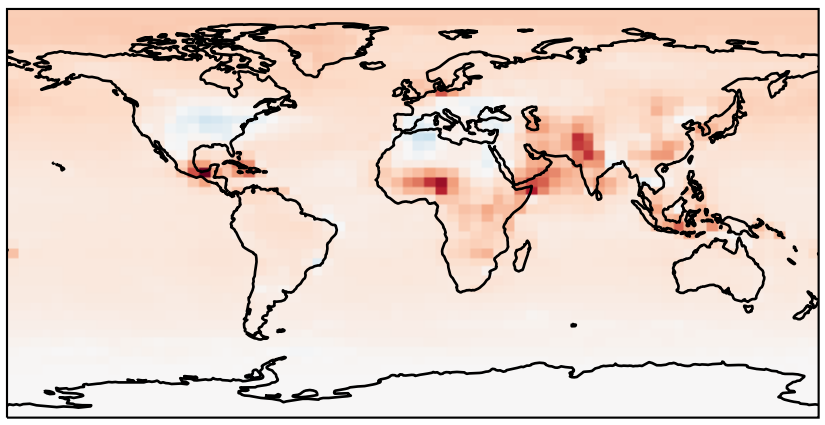


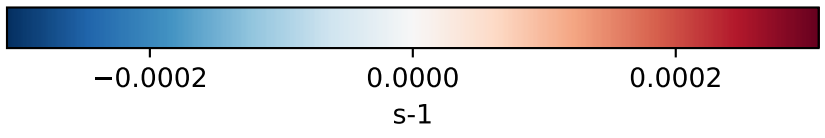

GCC_13.2.0 (Dev)
4.0x5.0



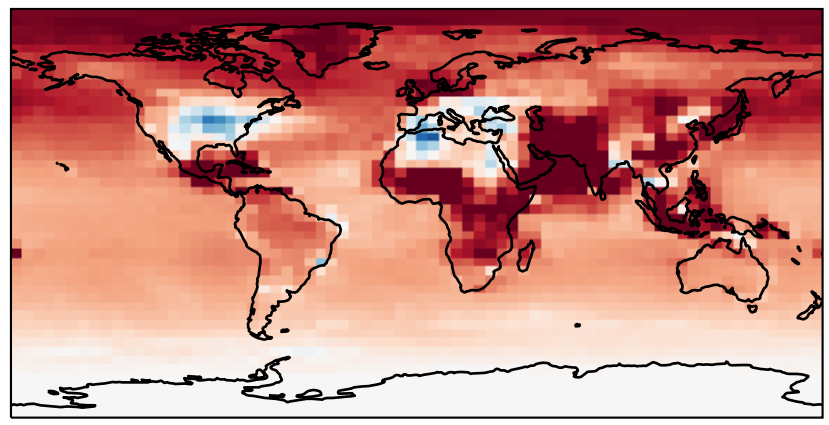


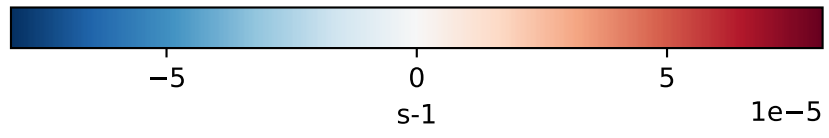

Difference
Dev - Ref, Dynamic Range



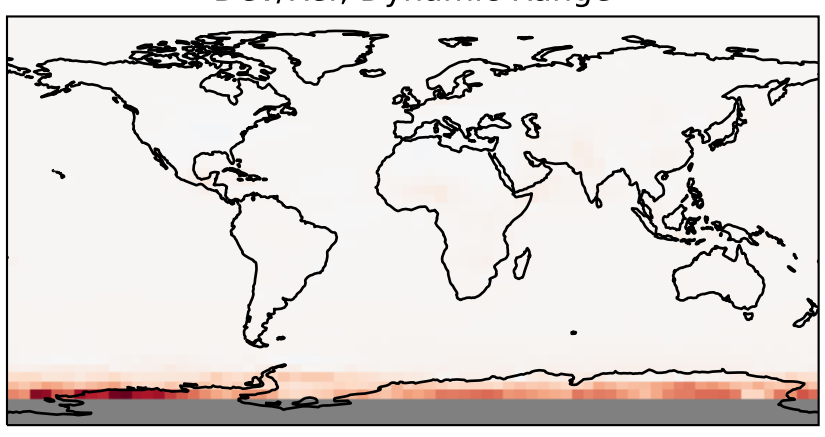


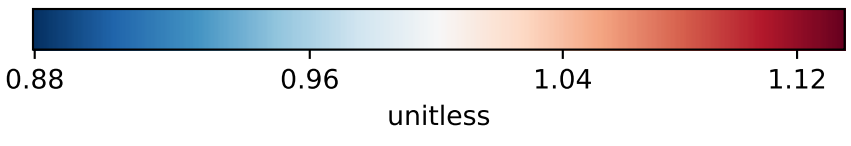

Difference
Dev - Ref, Restricted Range [5%,95%]



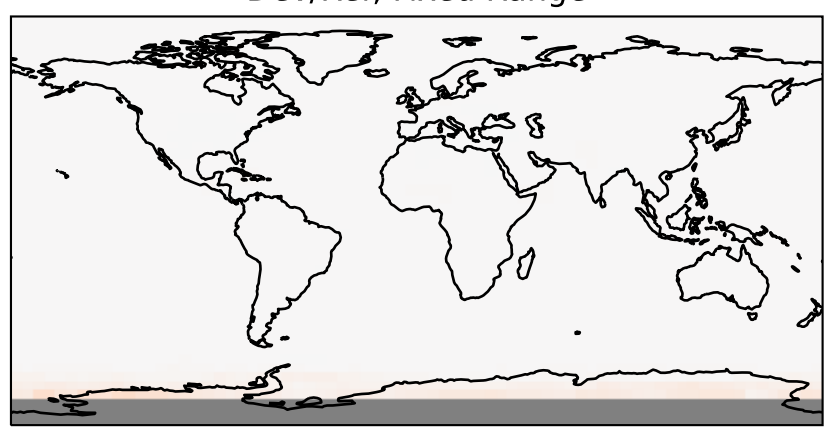


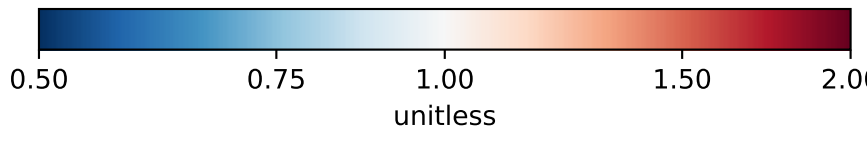

Ratio
Dev/Ref, Dynamic Range





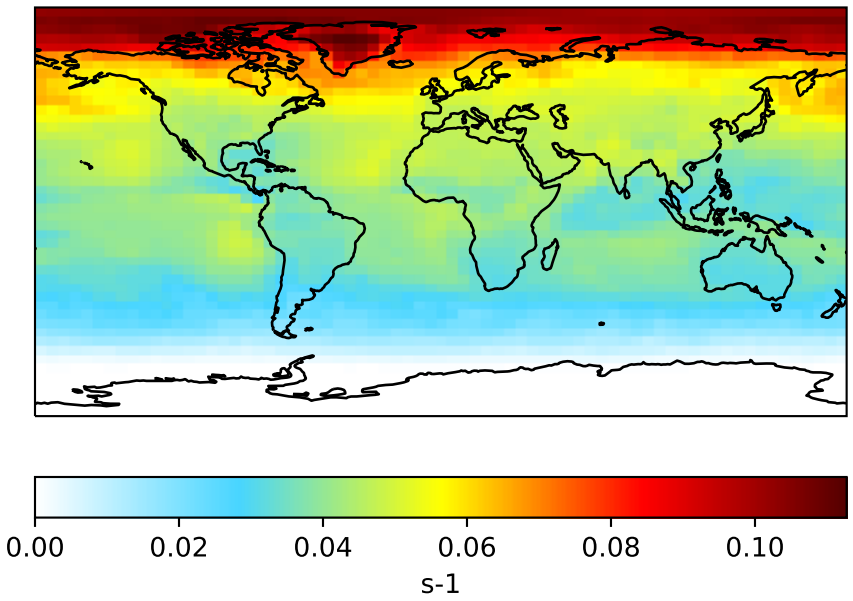

Ratio
Dev/Ref, Fixed Range



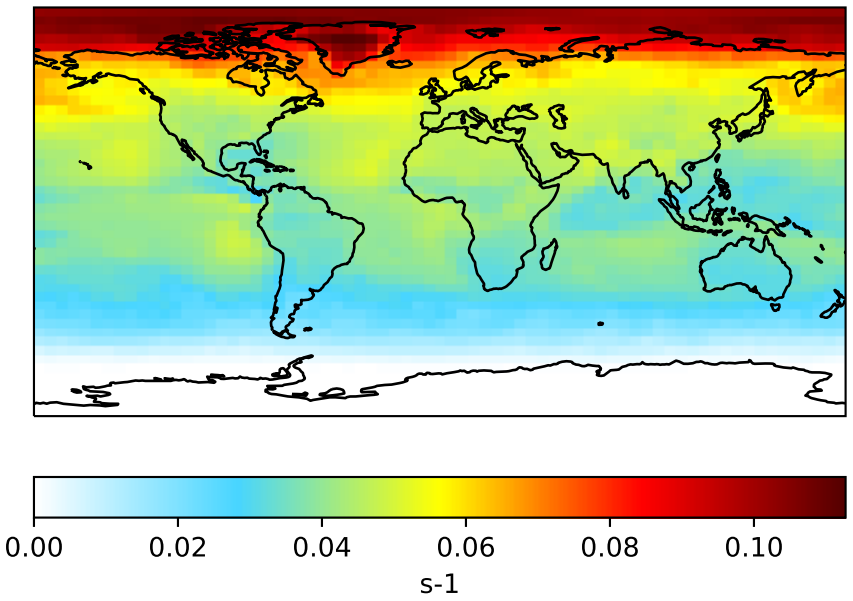


# Jval_IBr (Jul2019)

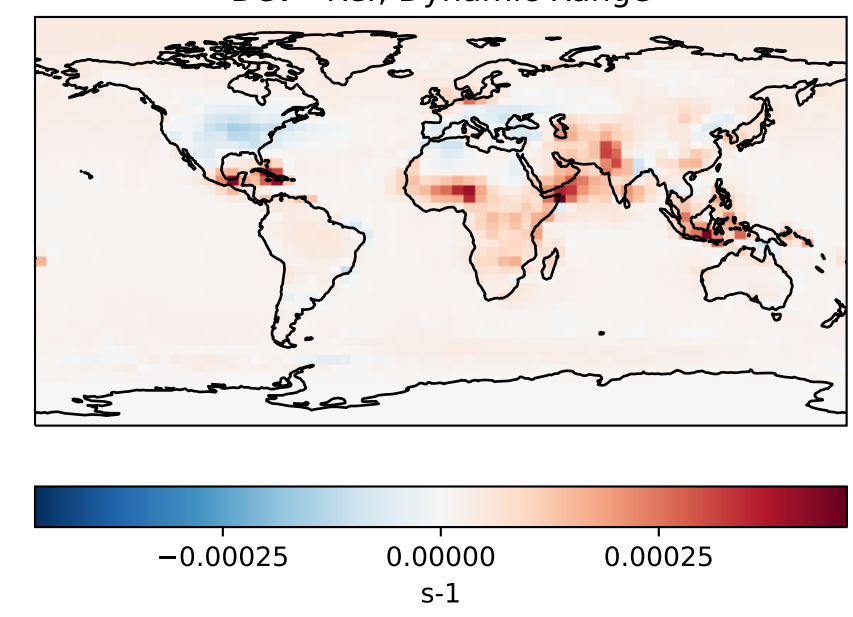
GCC_13.0.0 (Ref)
4.0x5.0



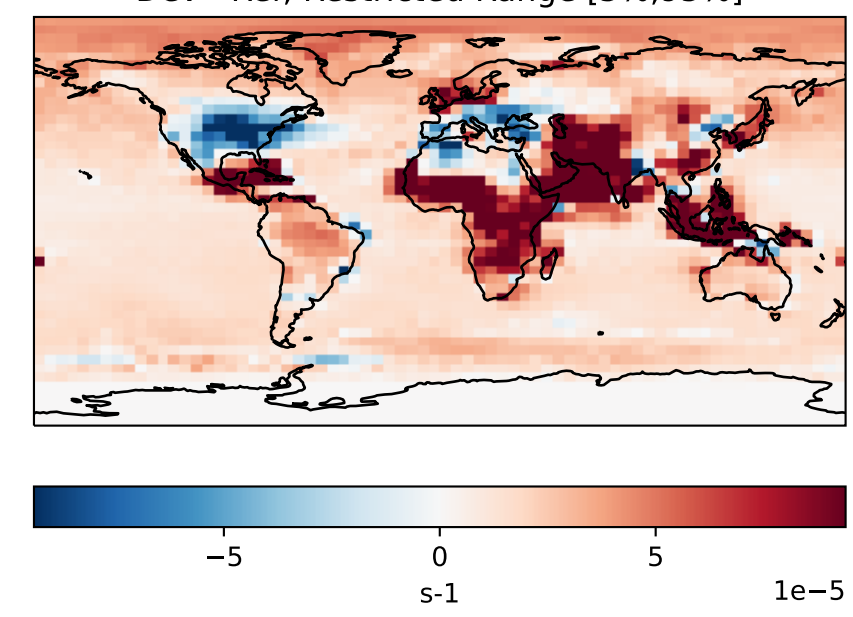

GCC_13.2.0 (Dev)
4.0x5.0



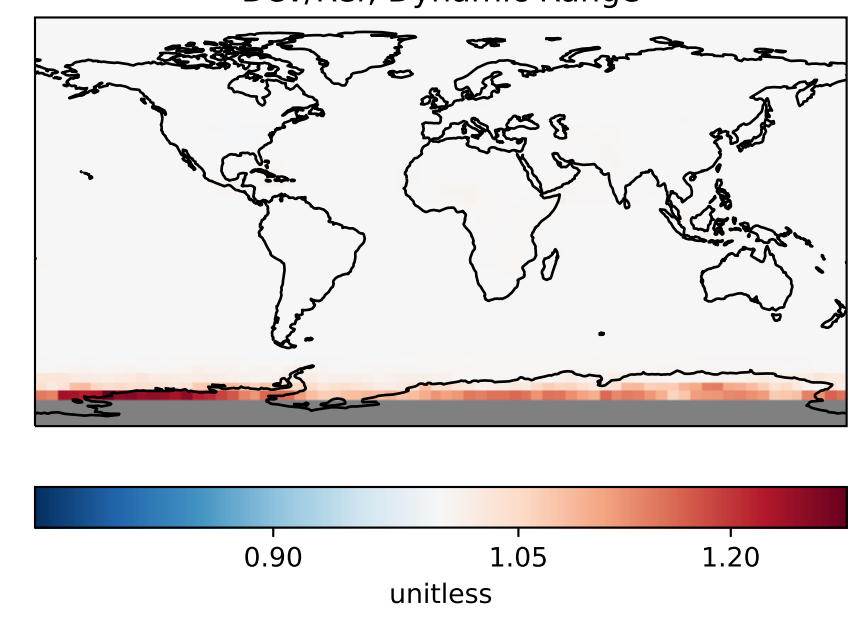

Difference
Dev - Ref, Dynamic Range



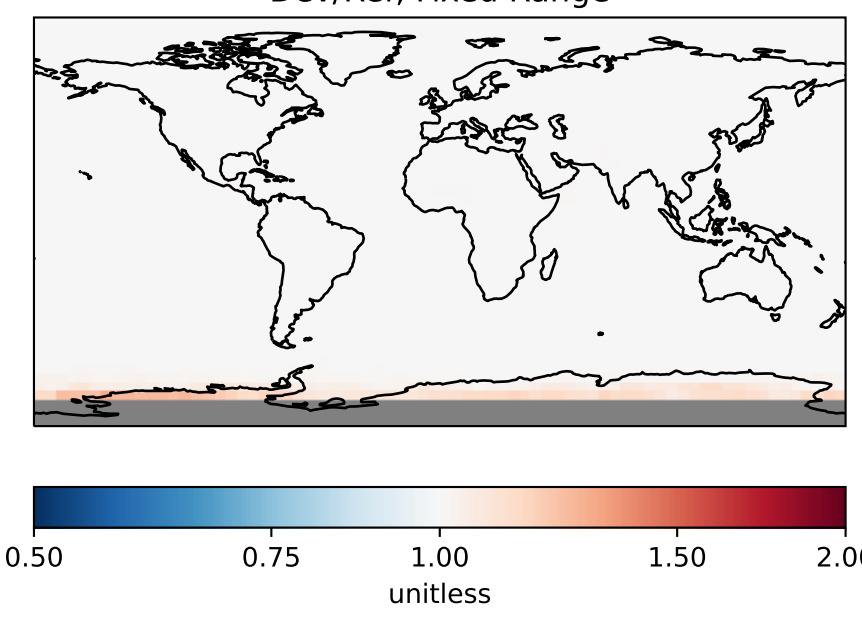

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

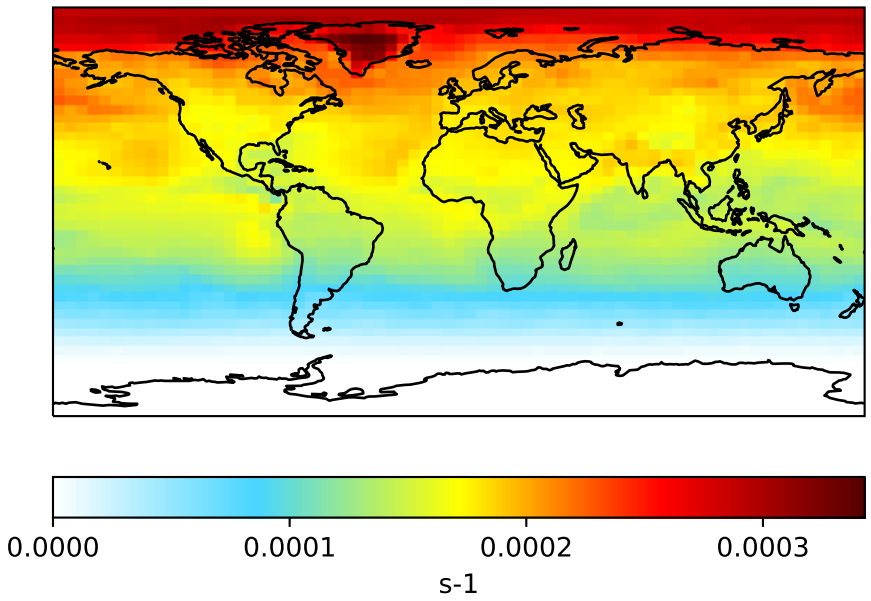



Ratio
Dev/Ref, Fixed Range

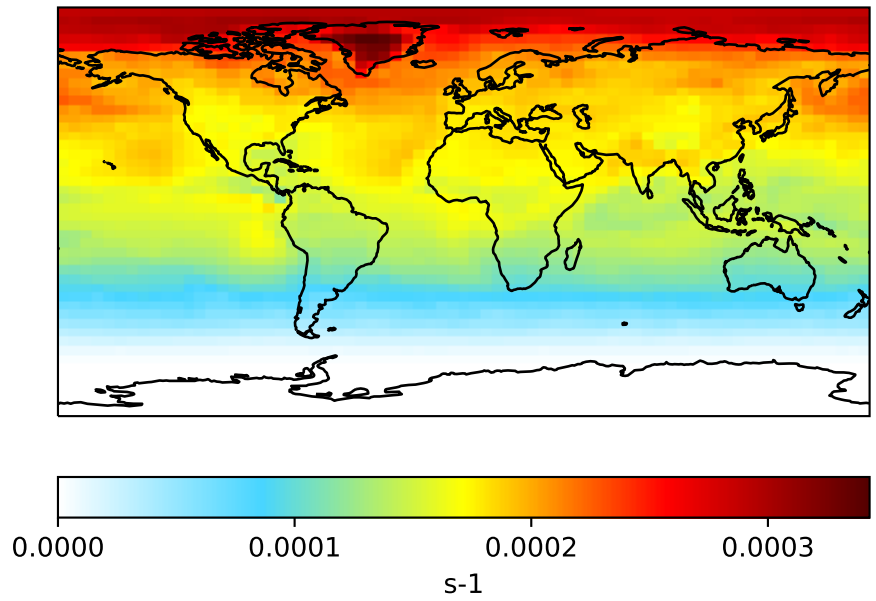


# Jval_ICN (Jul2019)

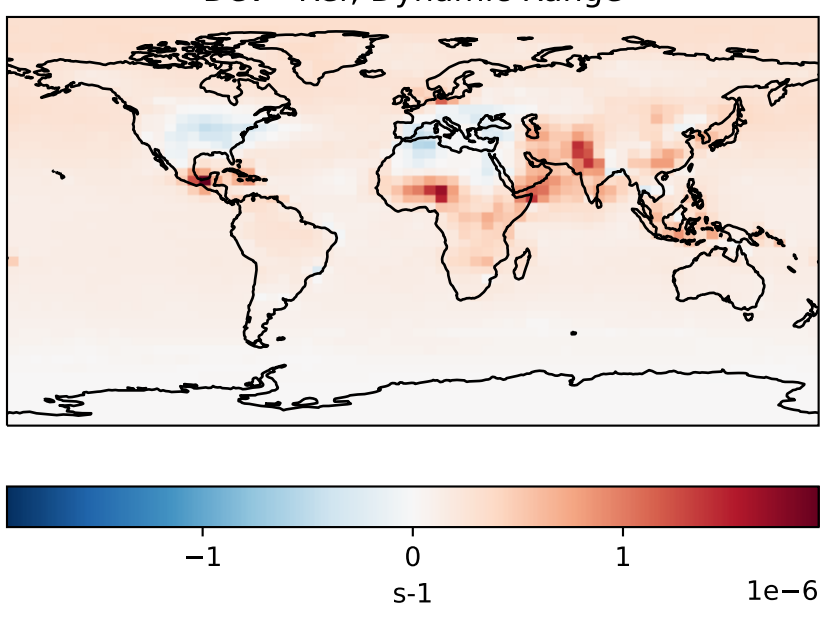
GCC_13.0.0 (Ref)
4.0x5.0



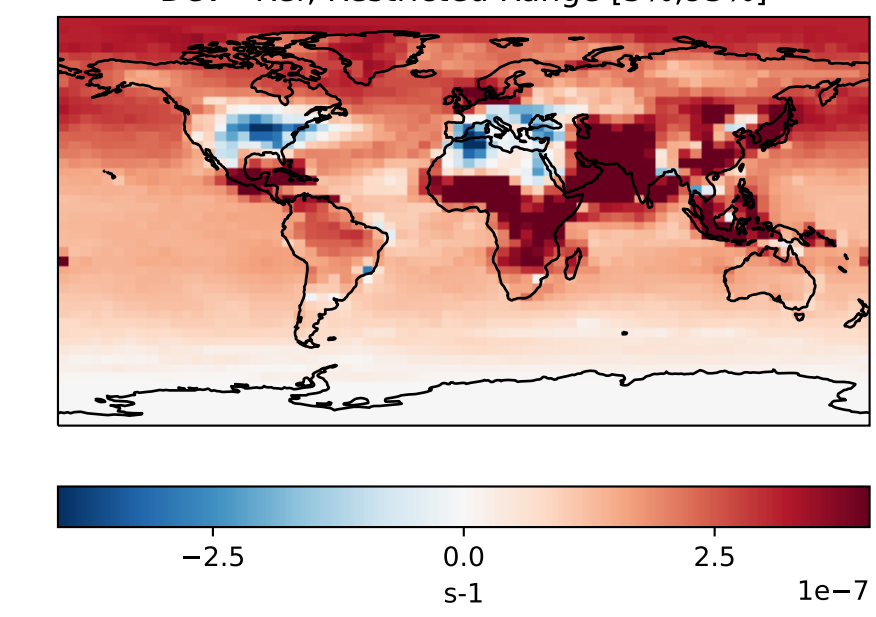

GCC_13.2.0 (Dev)
4.0x5.0



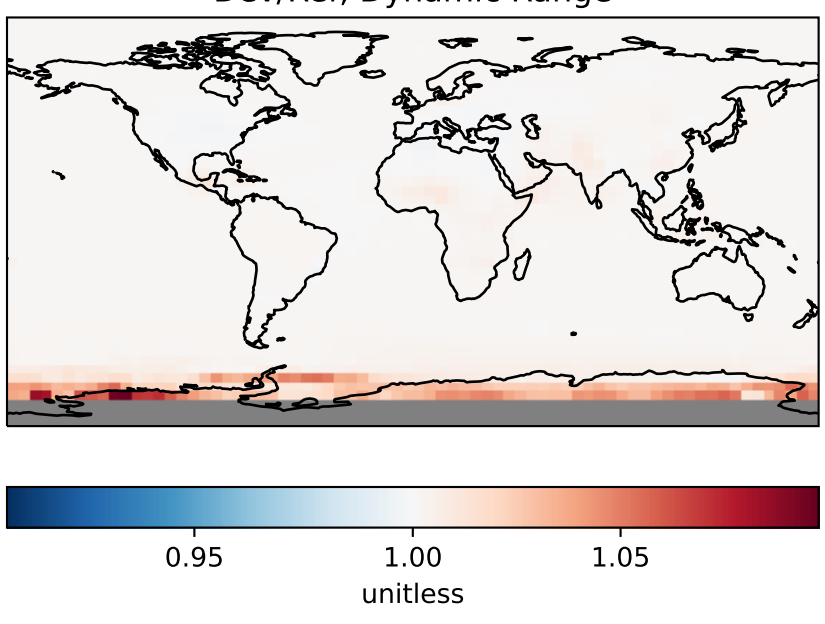

Difference
Dev - Ref, Dynamic Range



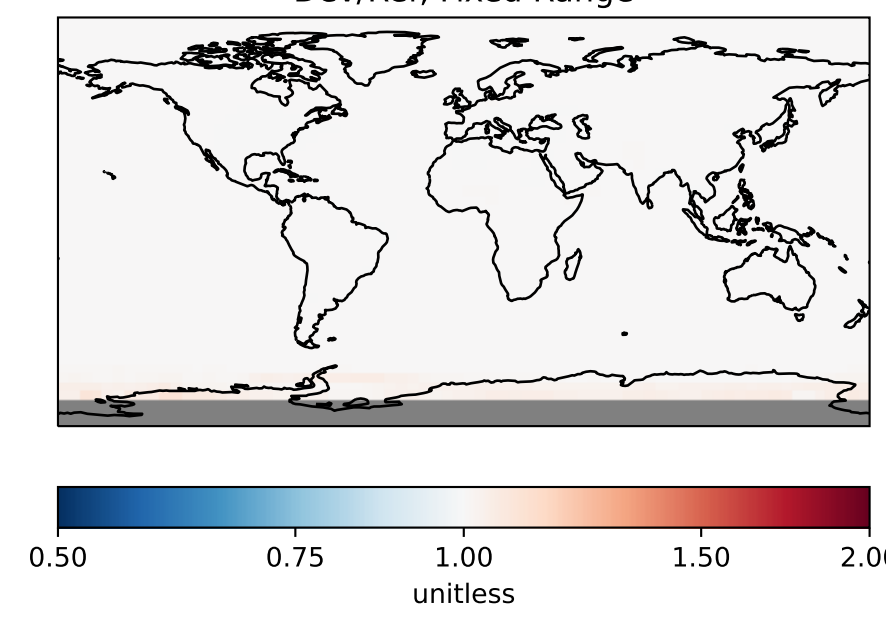

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

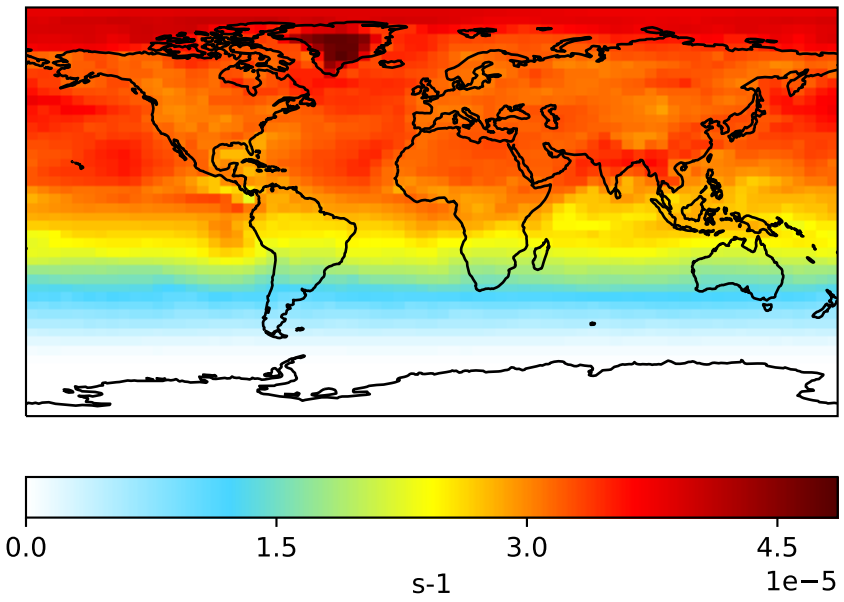



Ratio
Dev/Ref, Fixed Range

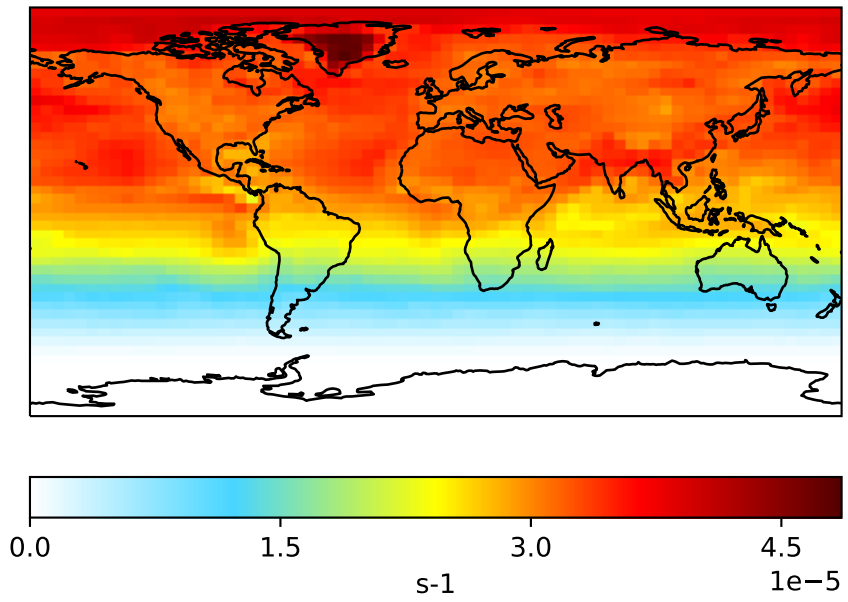


# Jval_ICPDH (Jul2019)

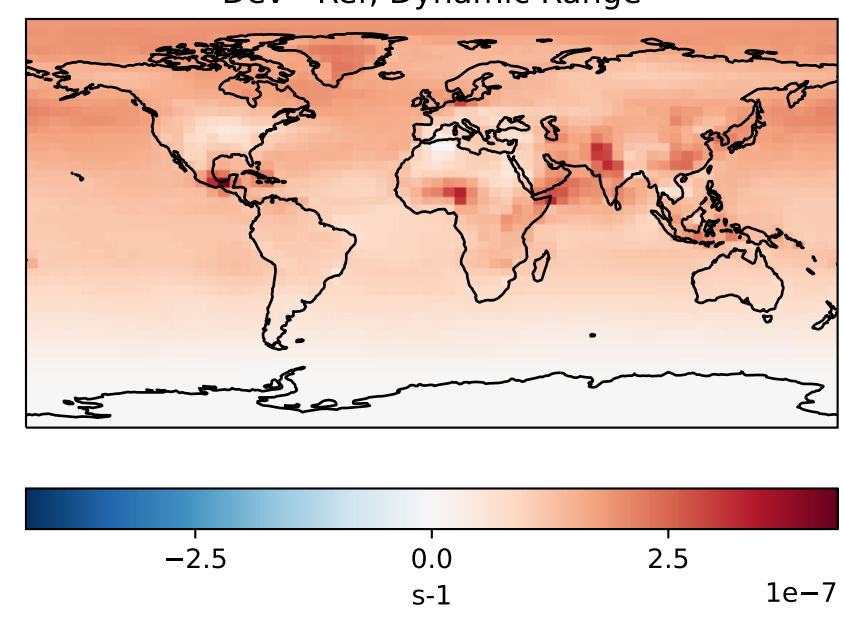
GCC_13.0.0 (Ref)
4.0x5.0



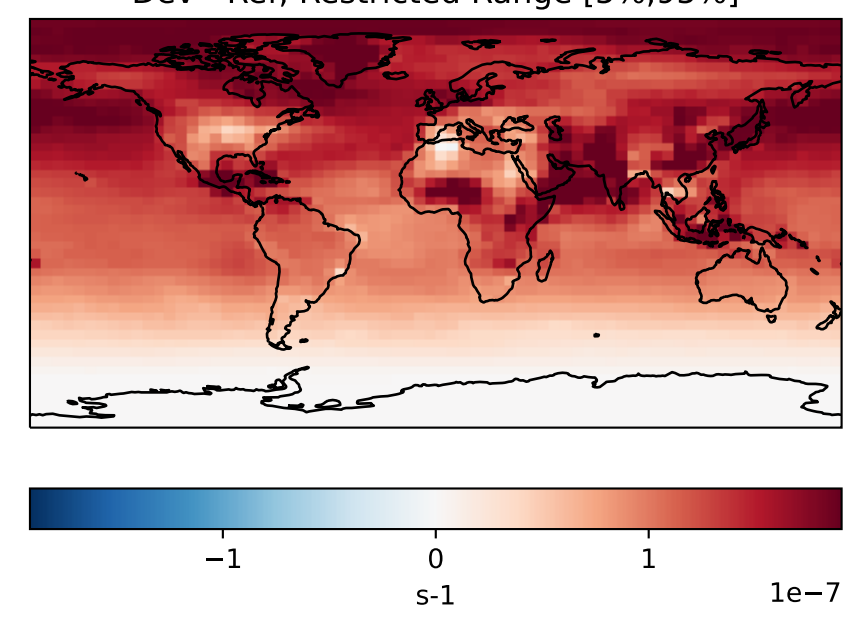

GCC_13.2.0 (Dev)
4.0x5.0



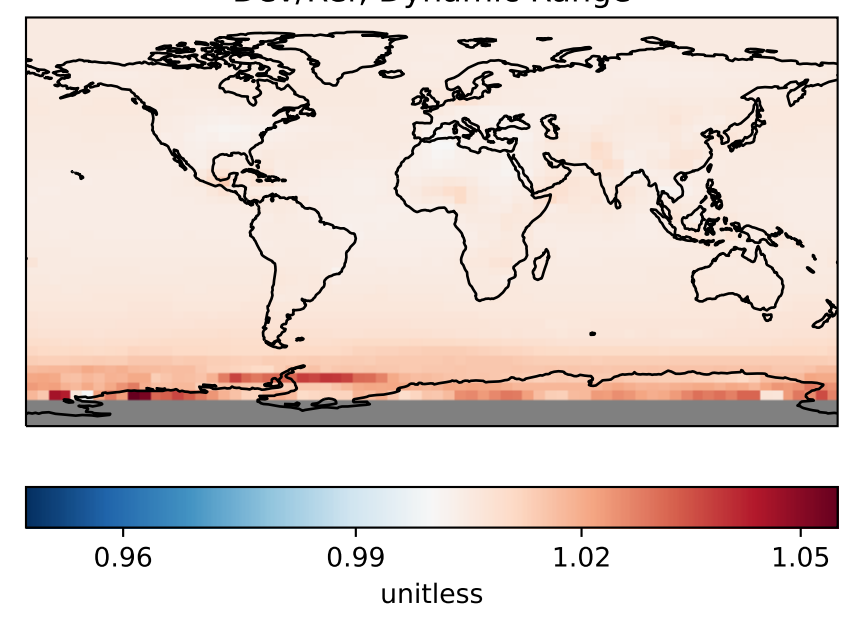

Difference
Dev - Ref, Dynamic Range



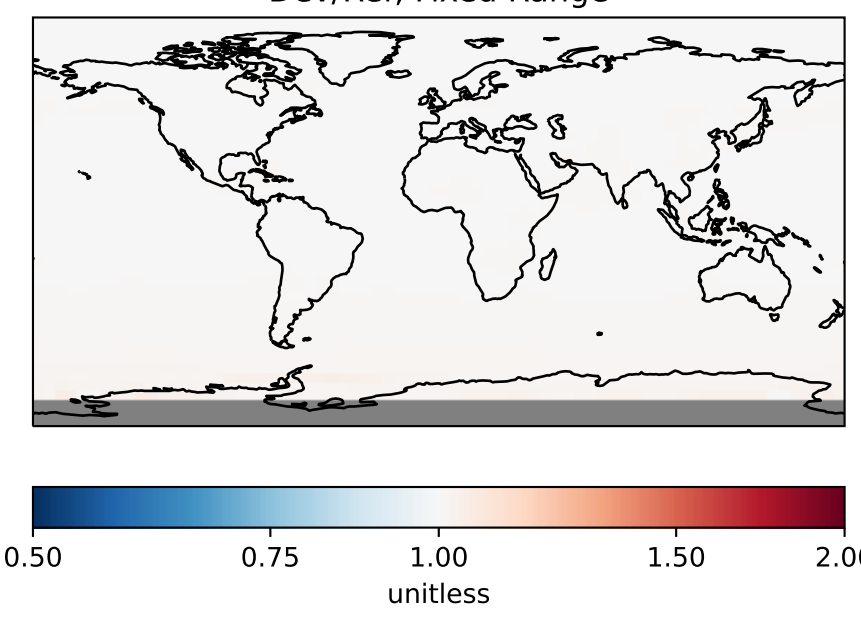

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

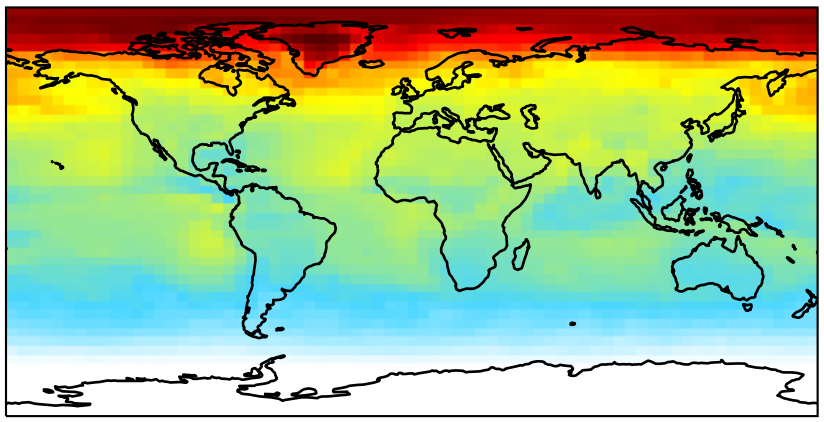


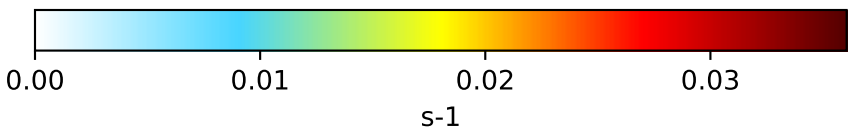

Ratio
Dev/Ref, Fixed Range



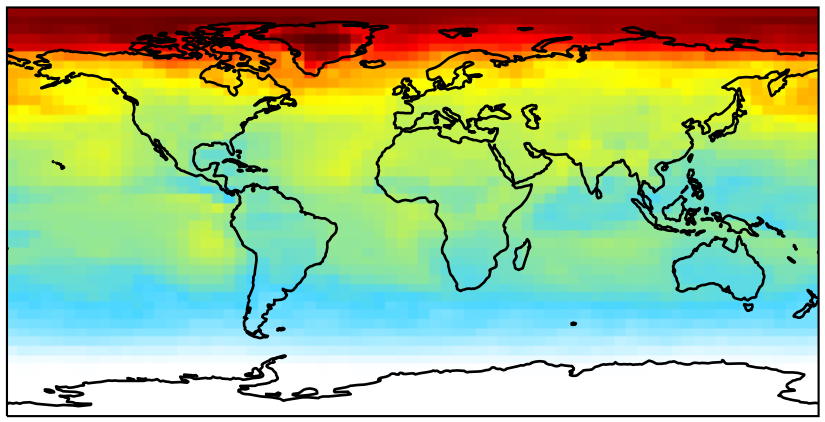
# Jval_ICl (Jul2019)

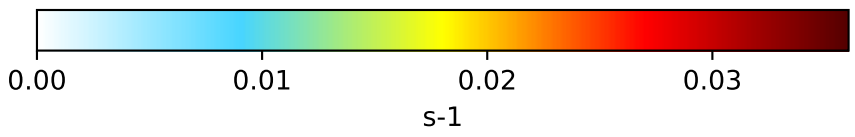
GCC_13.0.0 (Ref)
4.0x5.0



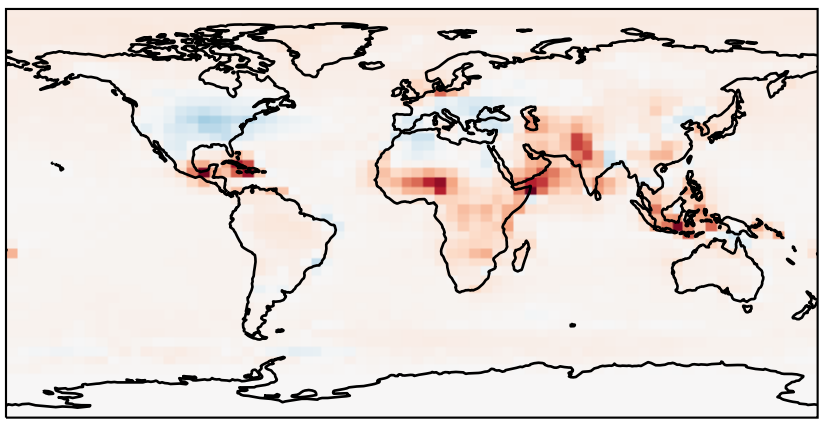


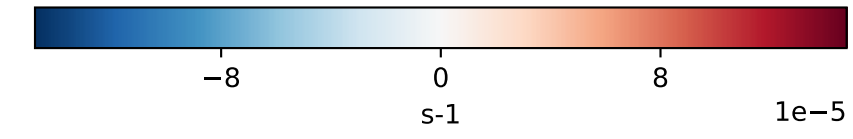

GCC_13.2.0 (Dev)
4.0x5.0



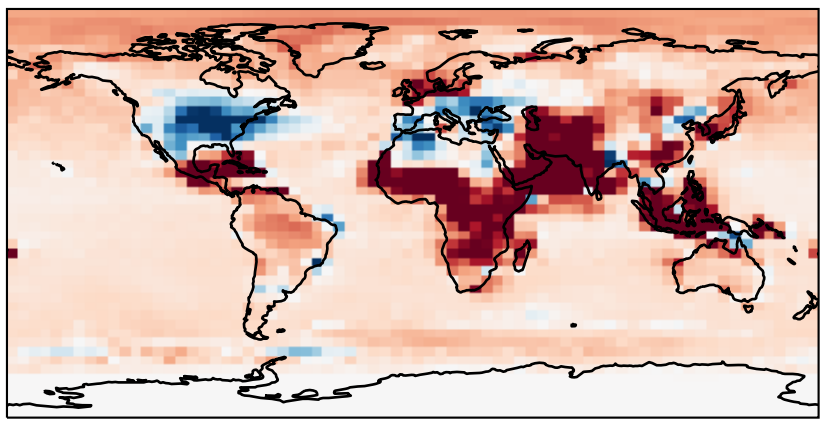


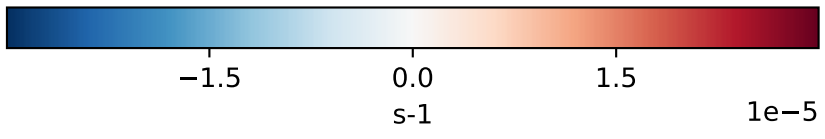

Difference
Dev - Ref, Dynamic Range



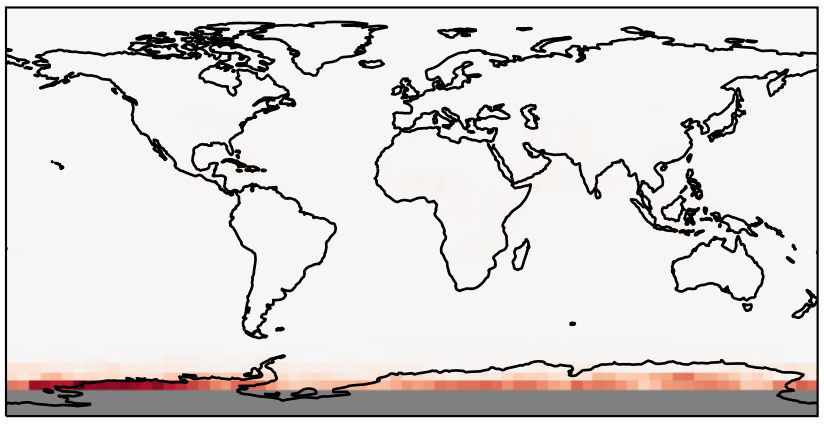


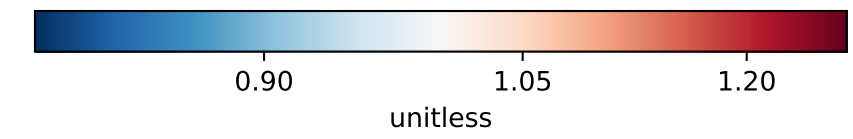

Difference
Dev - Ref, Restricted Range [5%,95%]



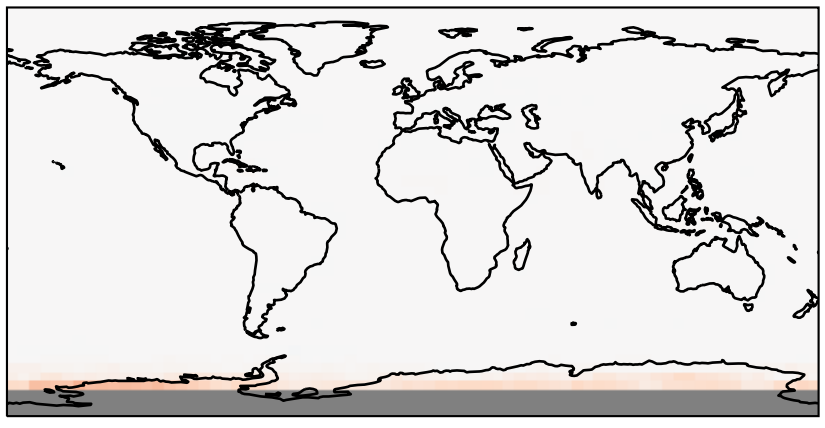


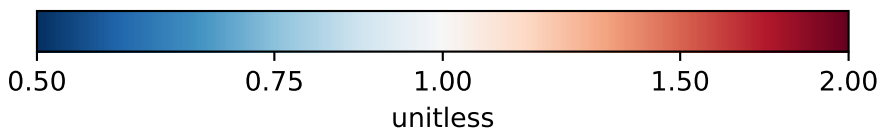

Ratio
Dev/Ref, Dynamic Range





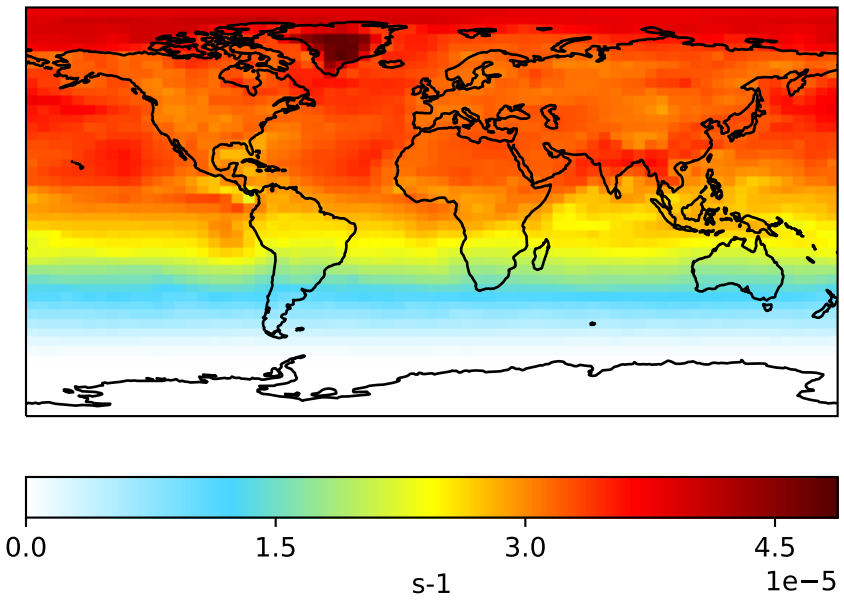

Ratio
Dev/Ref, Fixed Range



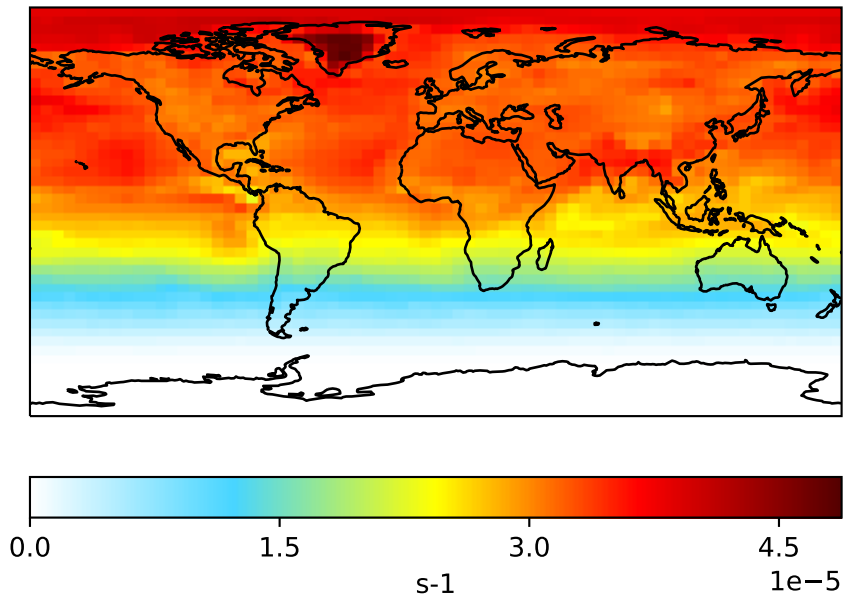


# Jval_IDCHP (Jul2019)

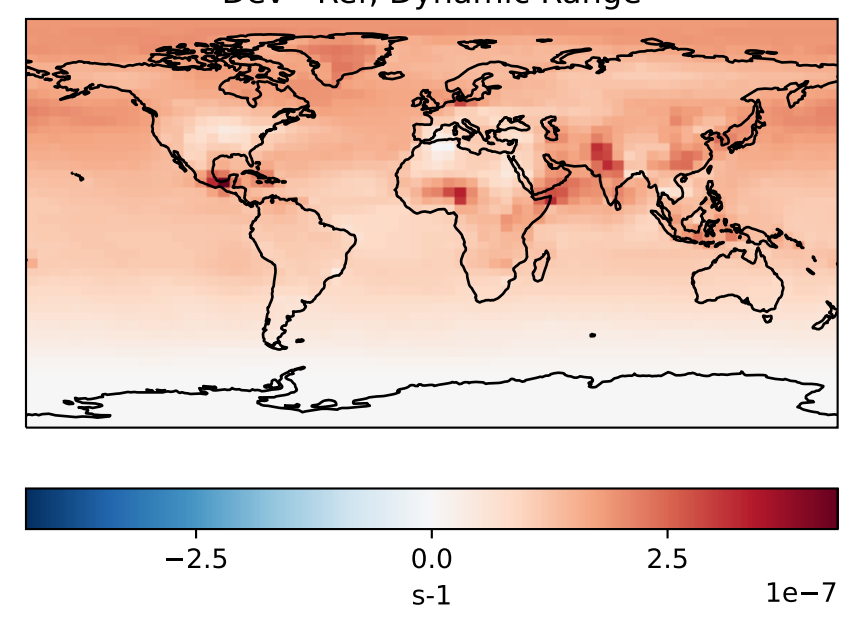
GCC_13.0.0 (Ref)
4.0x5.0



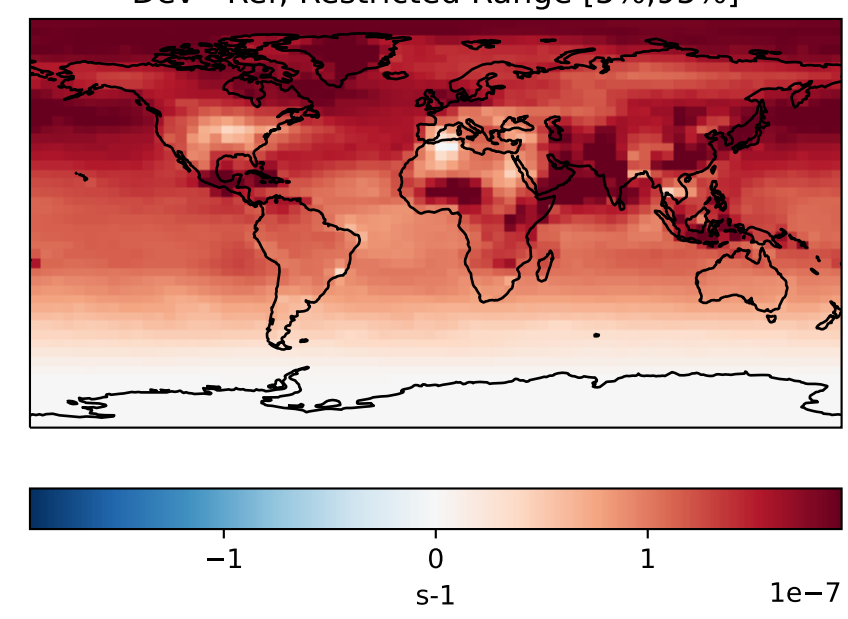

GCC_13.2.0 (Dev)
4.0x5.0



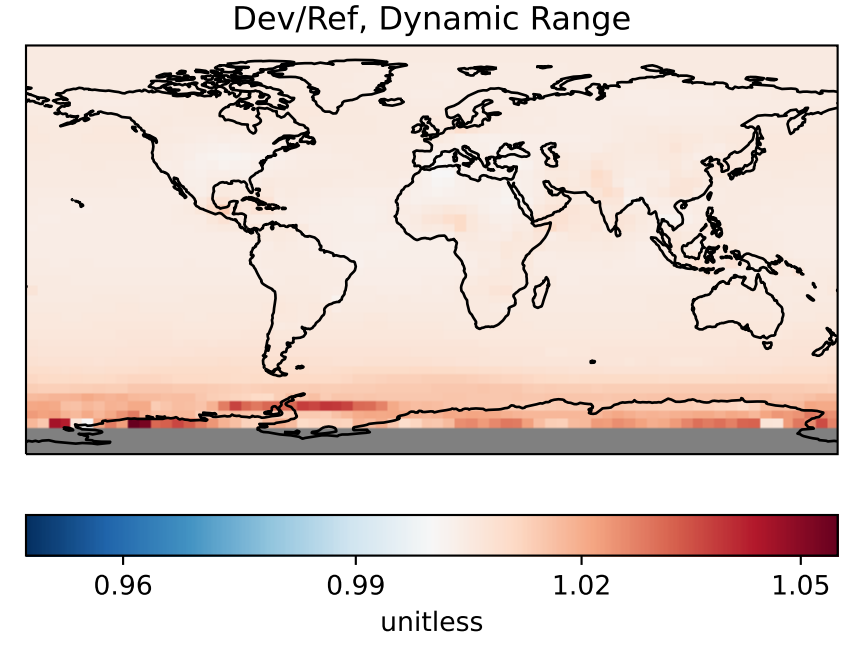

Difference
Dev - Ref, Dynamic Range



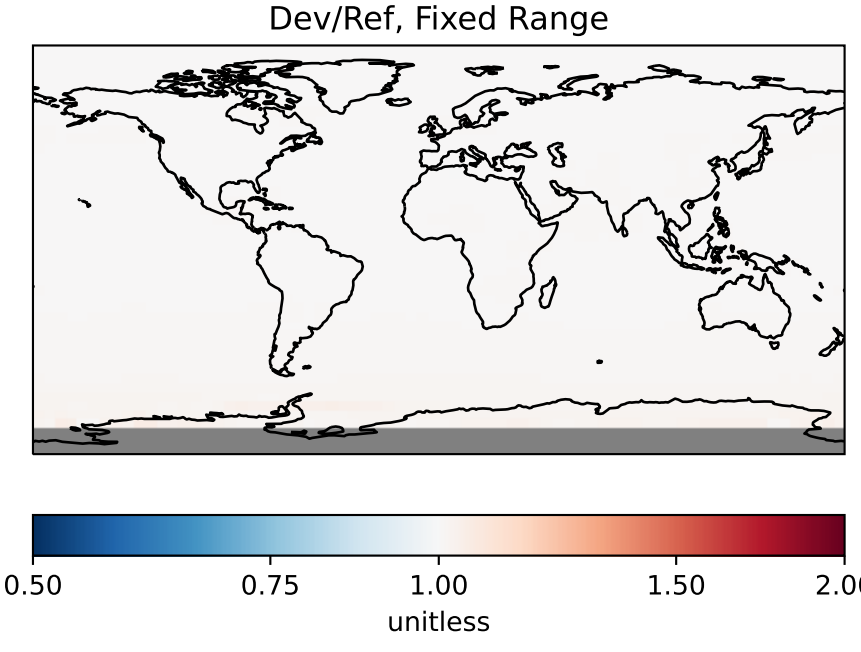

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

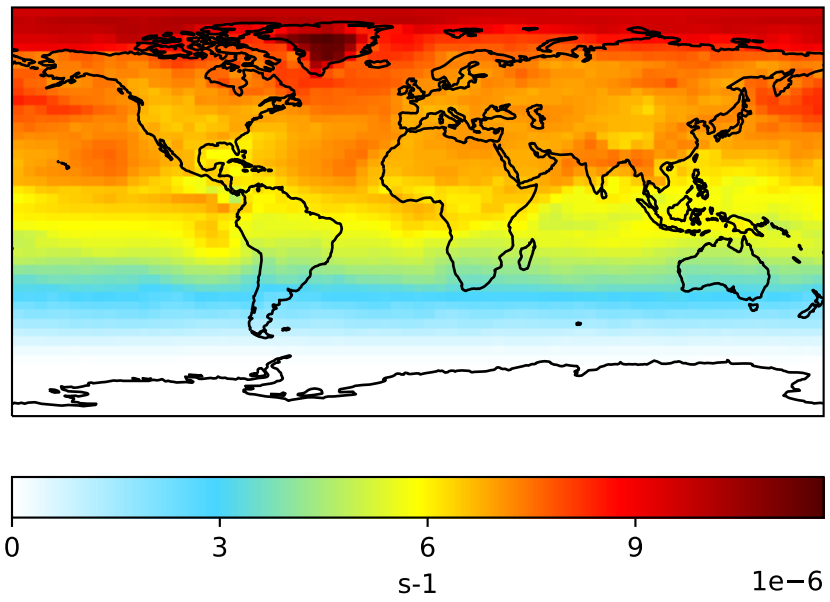



Ratio
Dev/Ref, Fixed Range

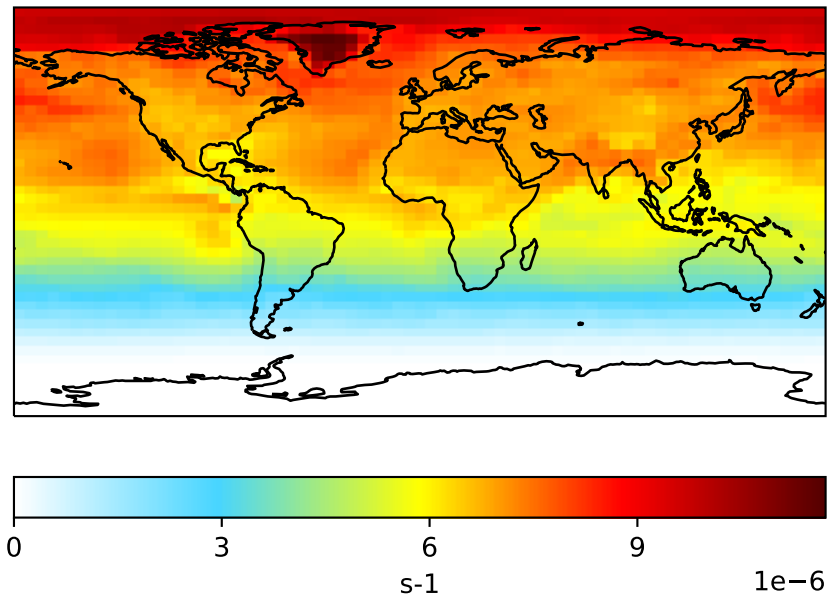


# Jval_IDHDP (Jul2019)

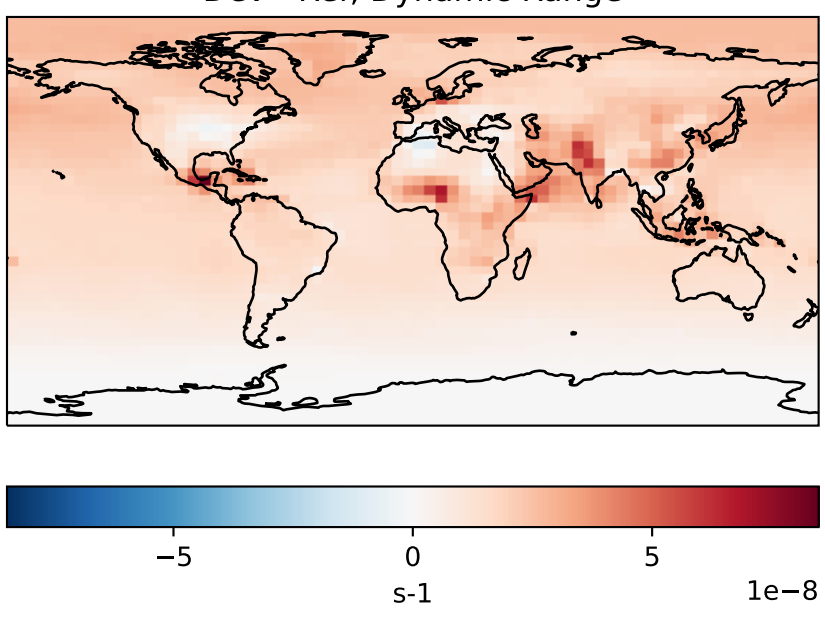
GCC_13.0.0 (Ref)
4.0x5.0



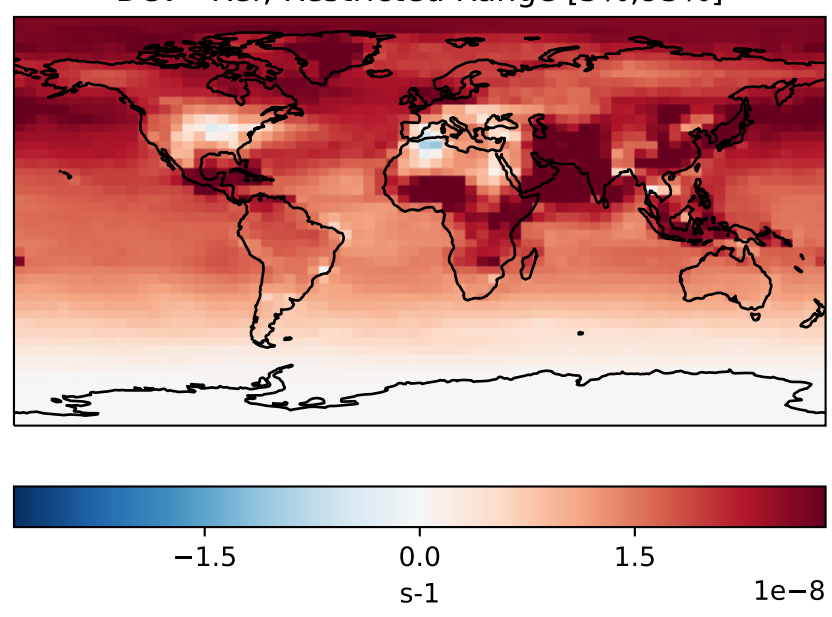

GCC_13.2.0 (Dev)
4.0x5.0



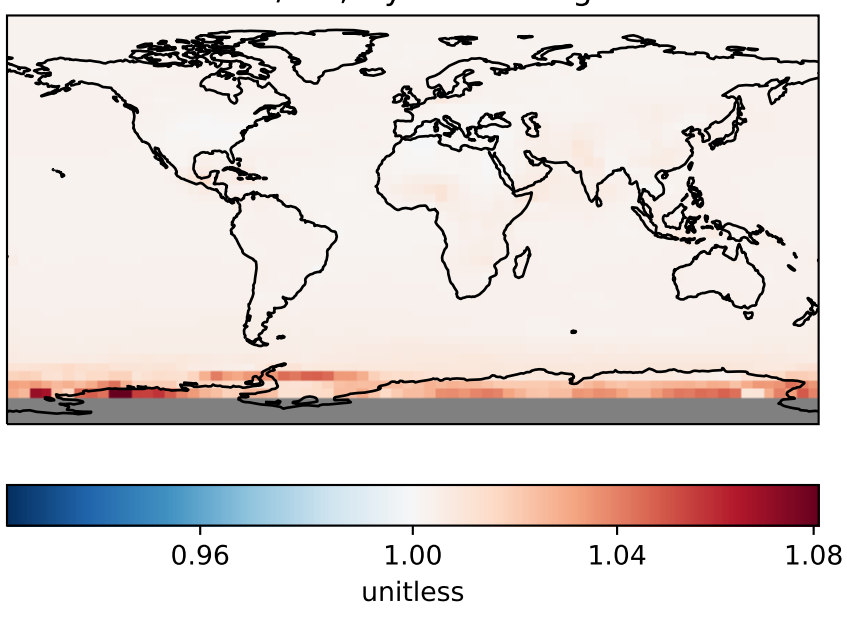

Difference
Dev - Ref, Dynamic Range



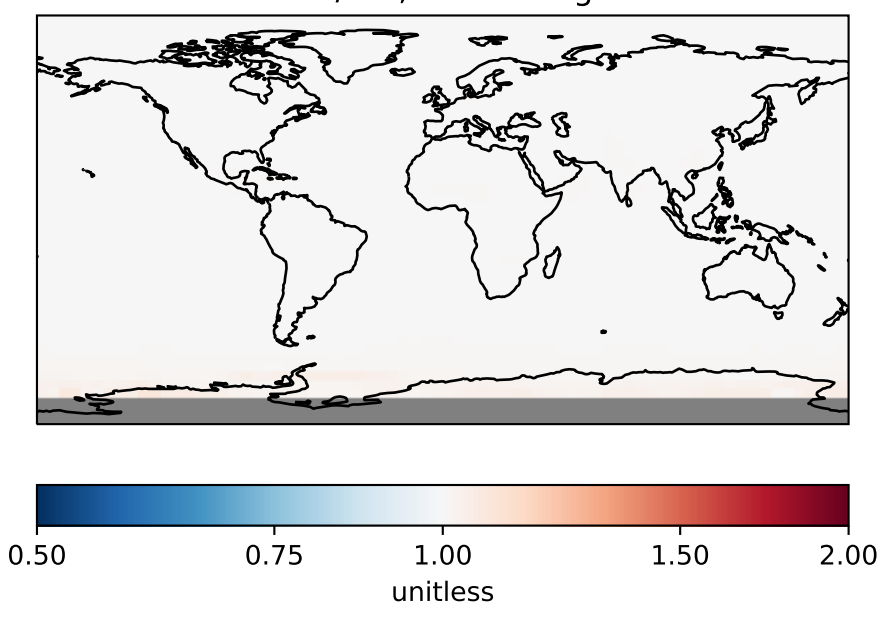

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

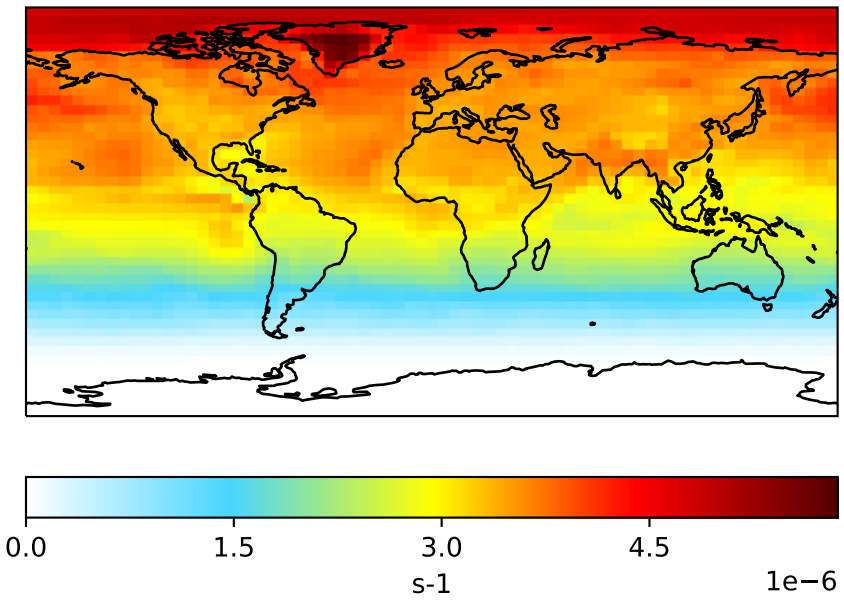



Ratio
Dev/Ref, Fixed Range

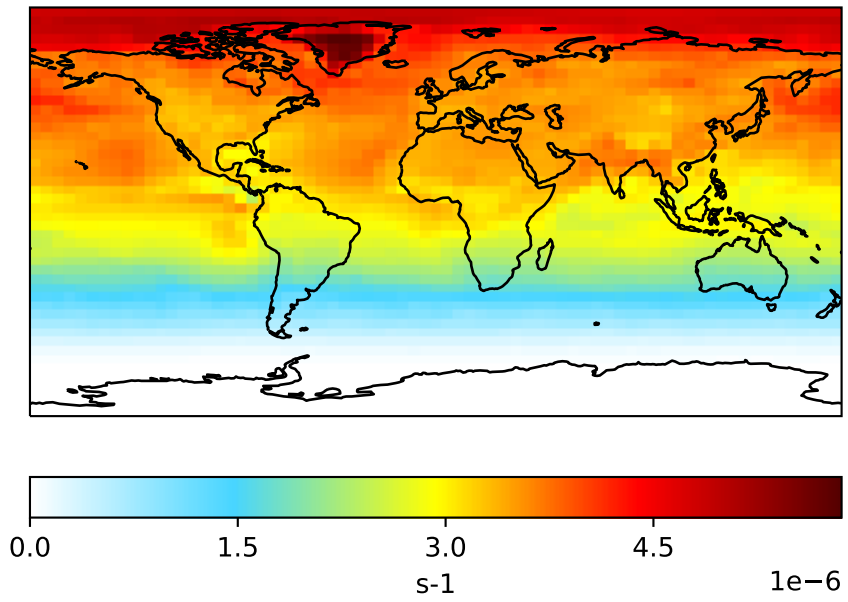


# Jval_IDHPE (Jul2019)

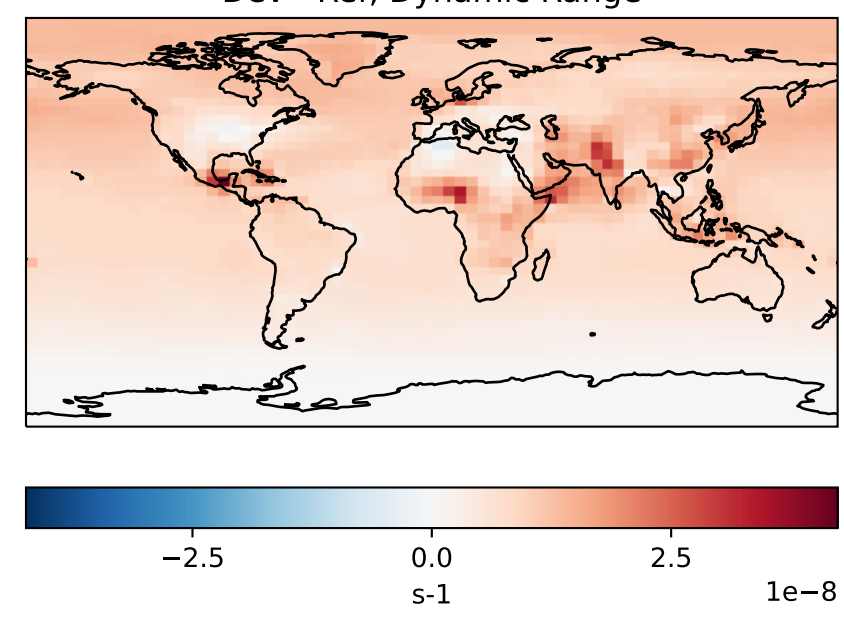
GCC_13.0.0 (Ref)
4.0x5.0



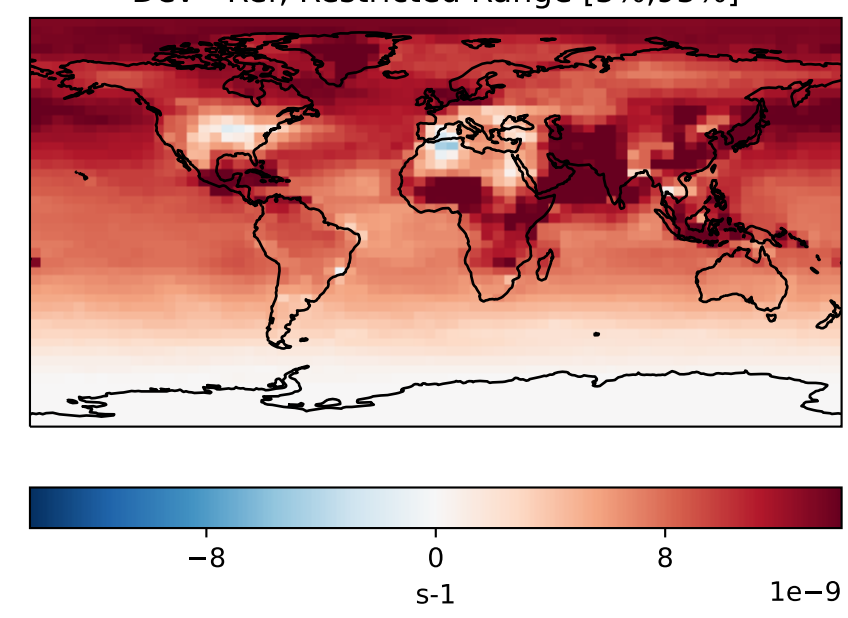

GCC_13.2.0 (Dev)
4.0x5.0



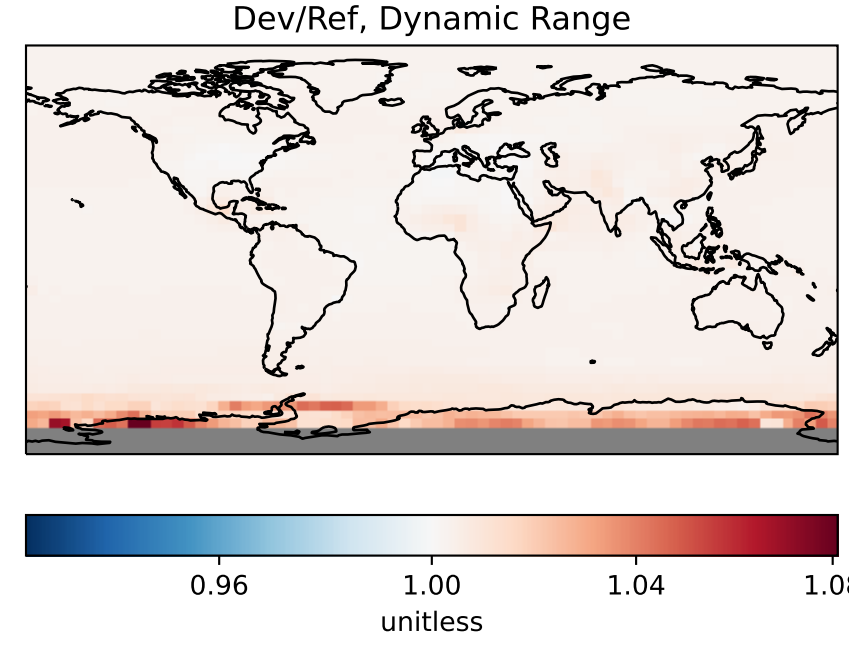

Difference
Dev - Ref, Dynamic Range



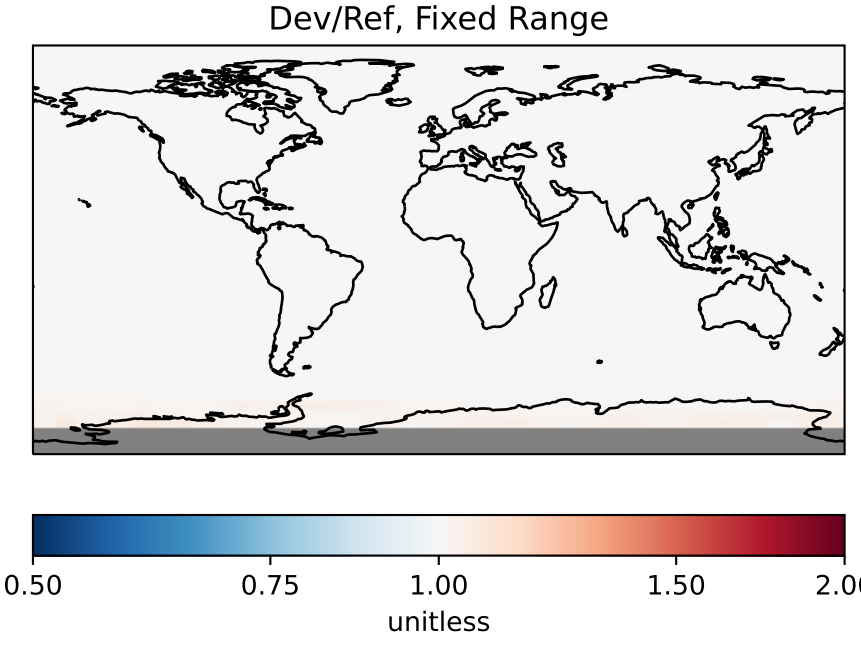

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

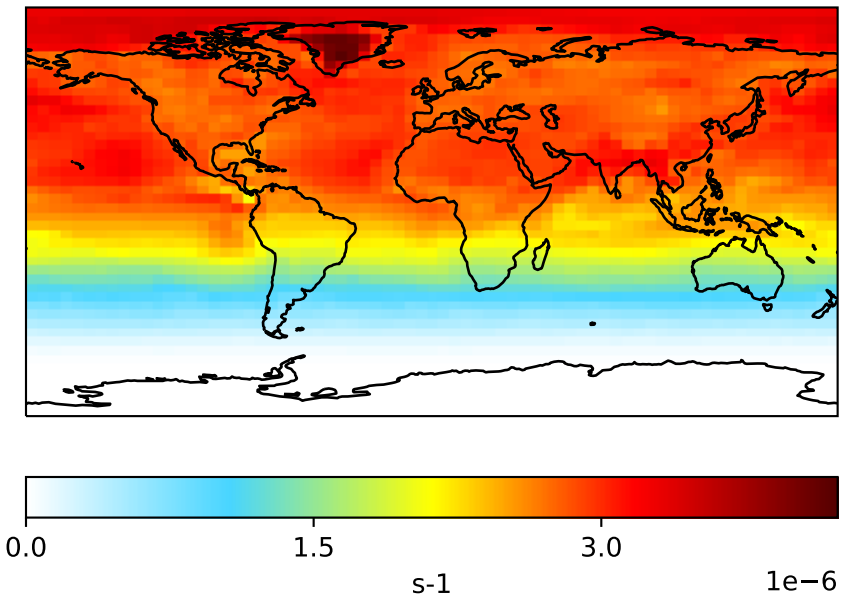



Ratio
Dev/Ref, Fixed Range

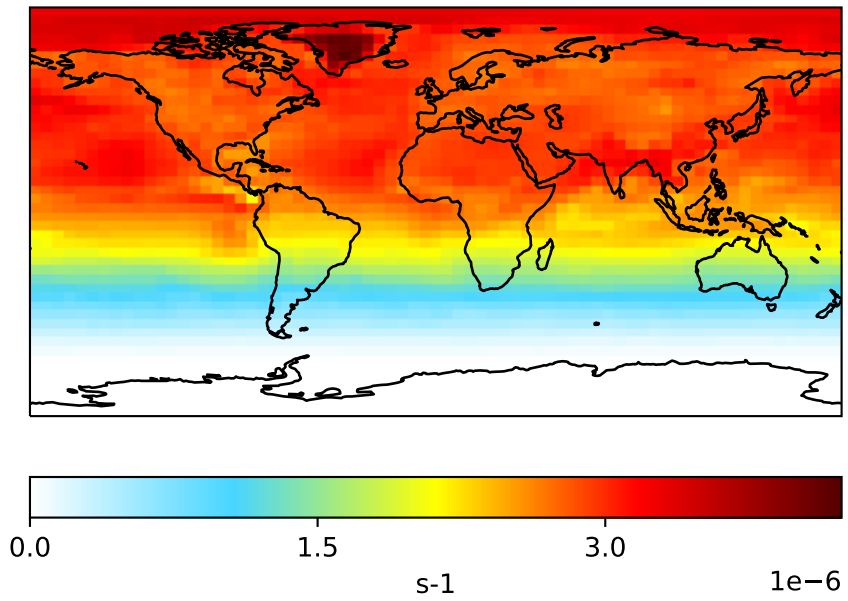


# Jval_IDN (Jul2019)

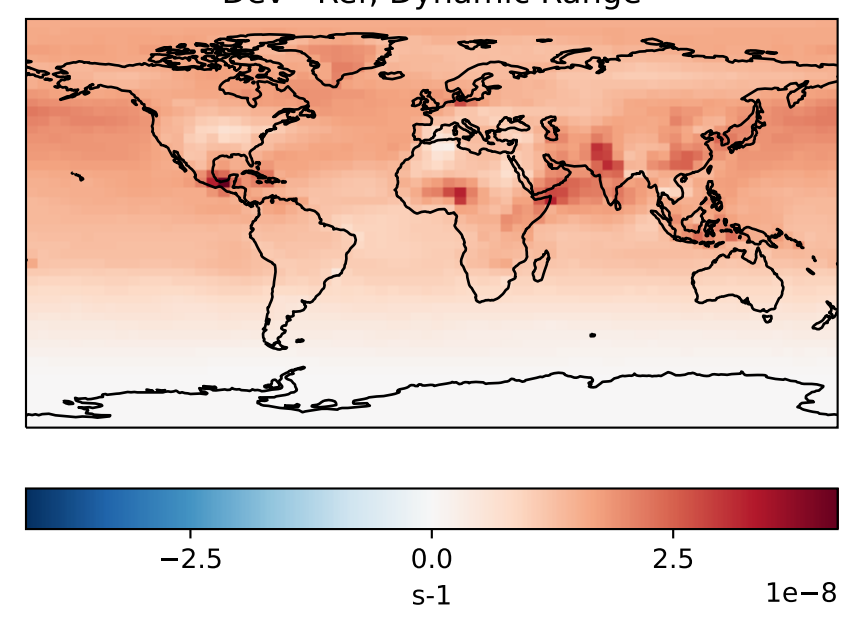
GCC_13.0.0 (Ref)
4.0x5.0



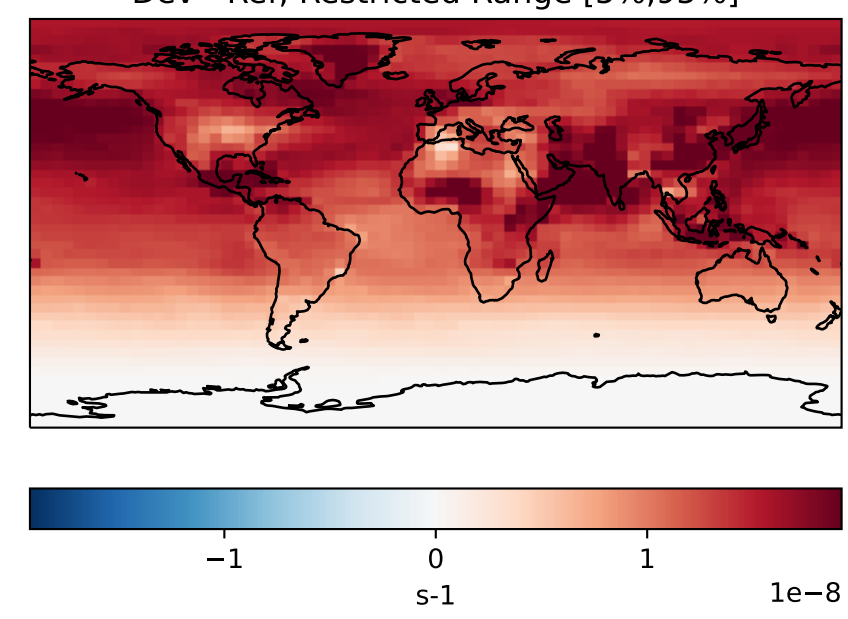

GCC_13.2.0 (Dev)
4.0x5.0



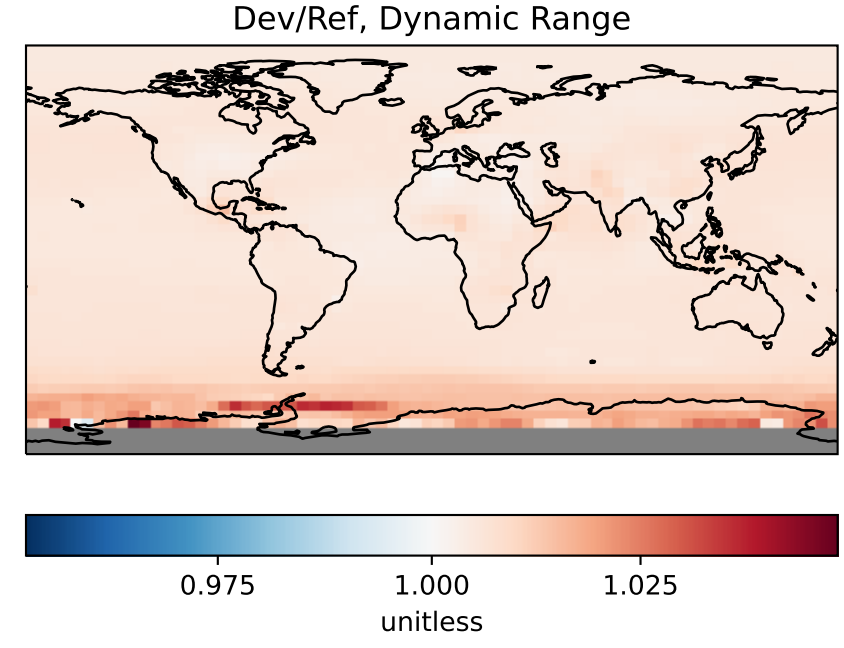

Difference
Dev - Ref, Dynamic Range



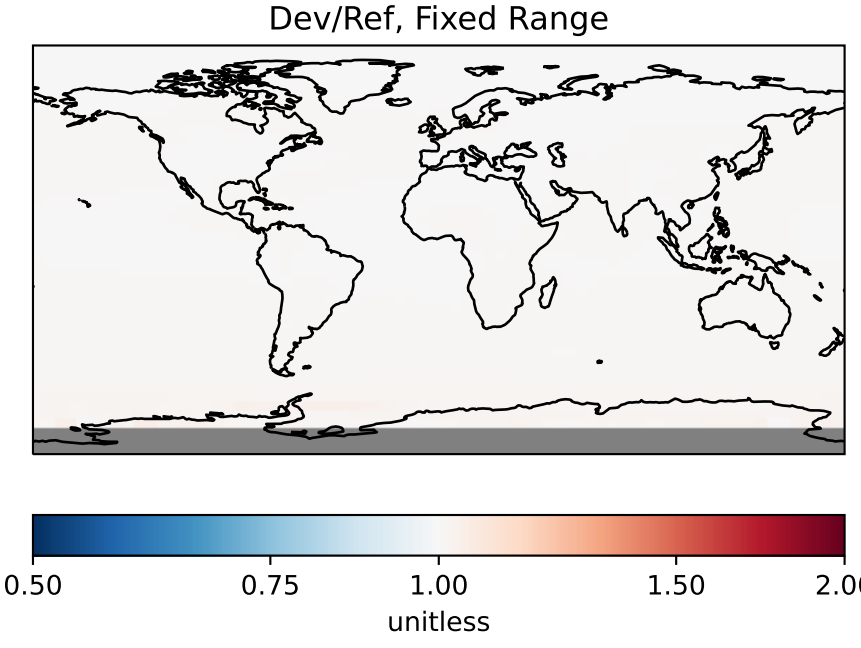

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

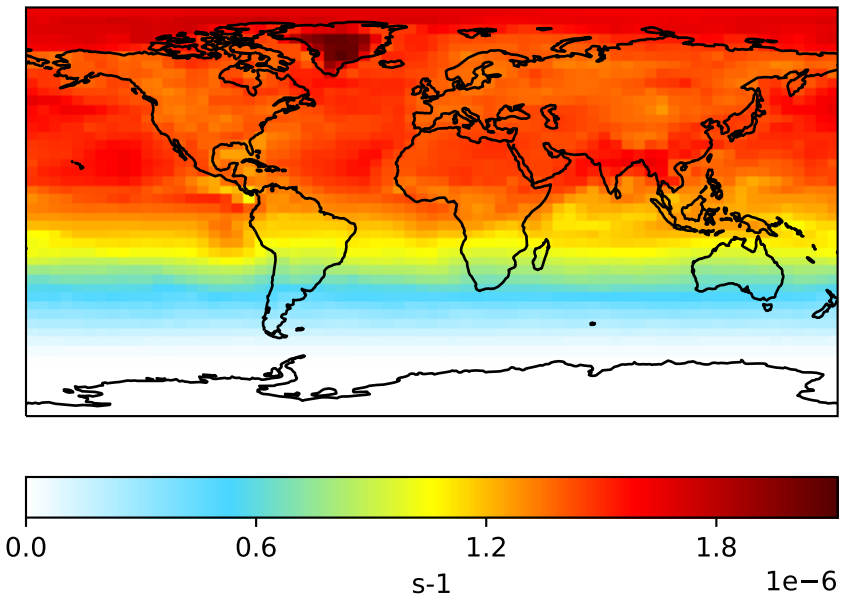



Ratio
Dev/Ref, Fixed Range

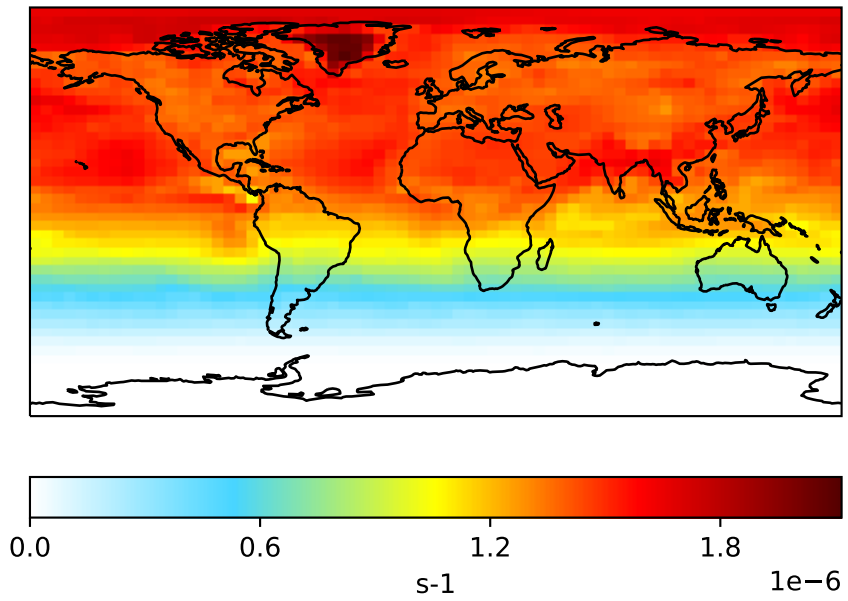


# Jval_IHN1 (Jul2019)

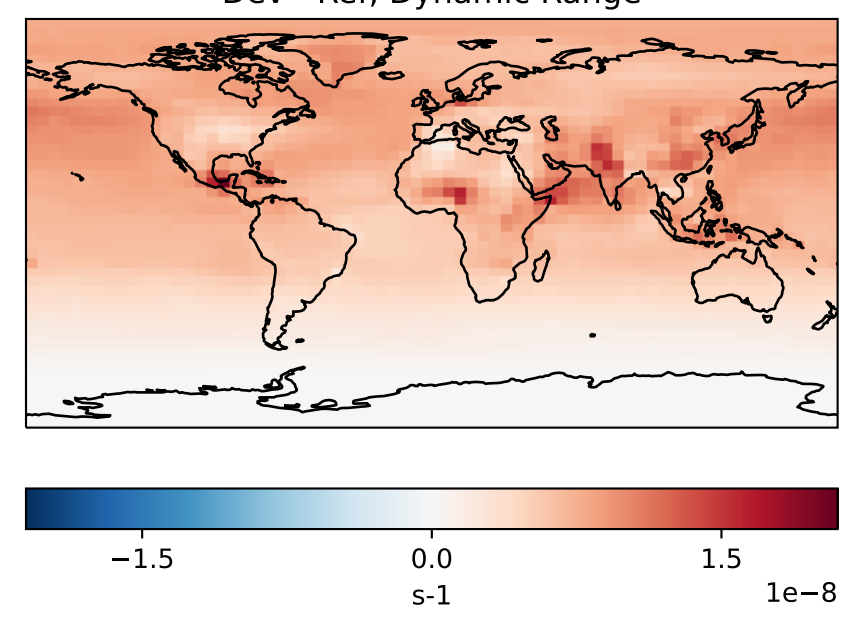
GCC_13.0.0 (Ref)
4.0x5.0



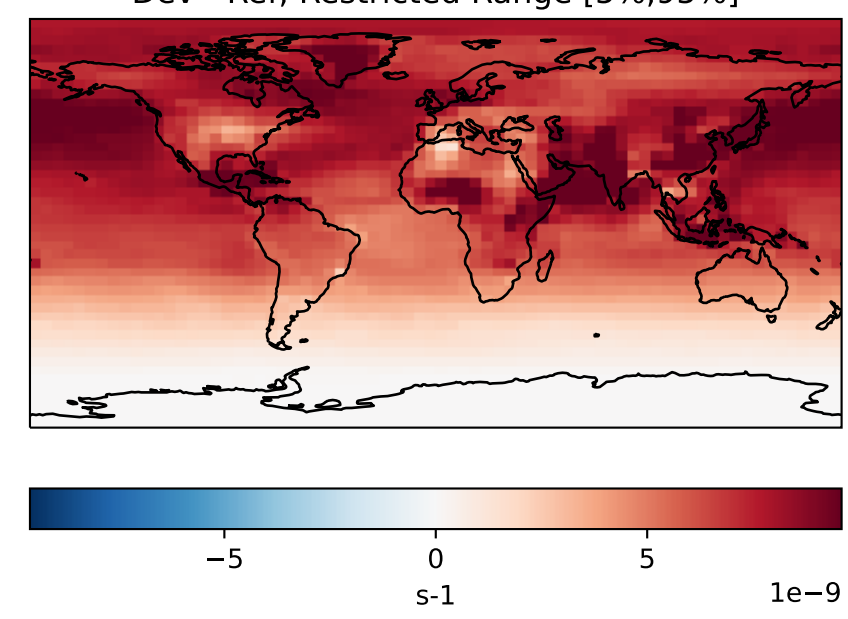

GCC_13.2.0 (Dev)
4.0x5.0



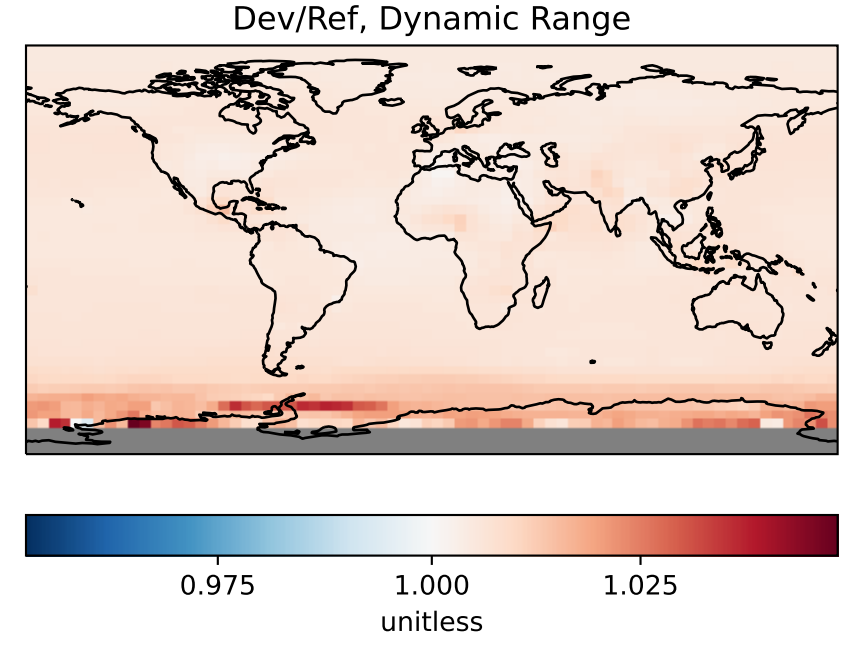

Difference
Dev - Ref, Dynamic Range



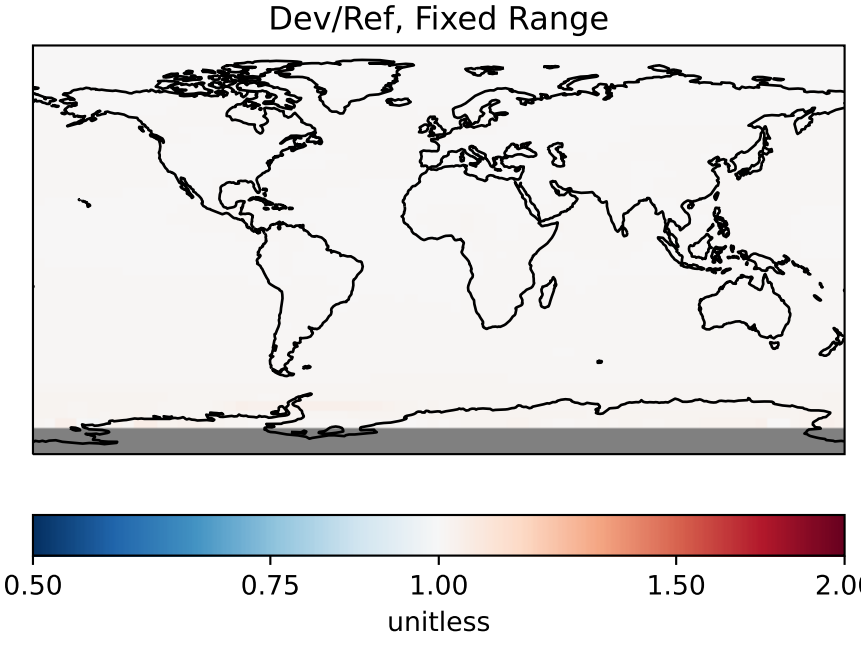

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

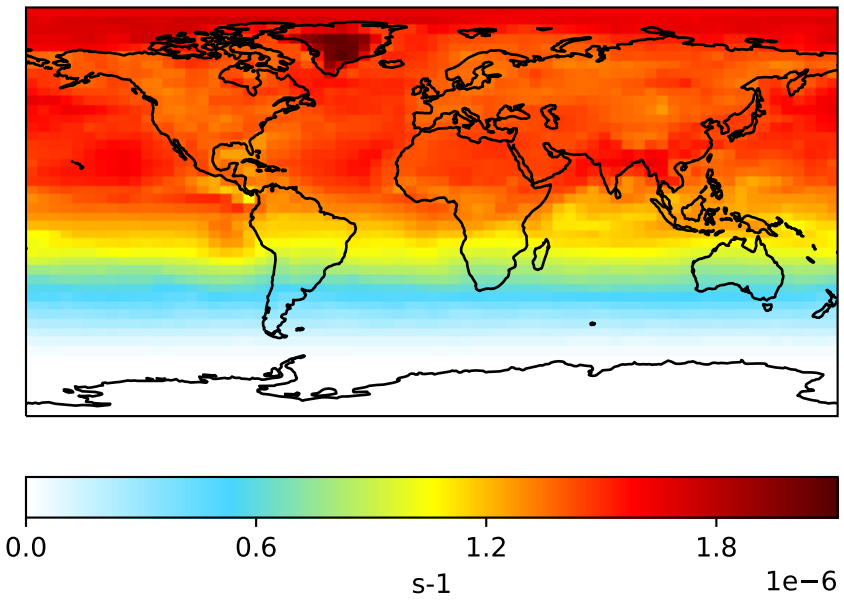



Ratio
Dev/Ref, Fixed Range

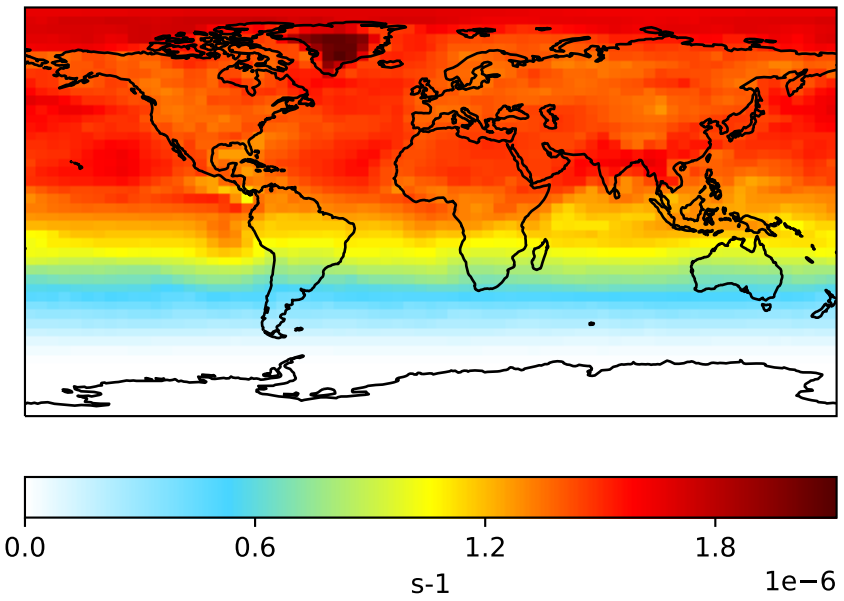


# Jval_IHN2 (Jul2019)

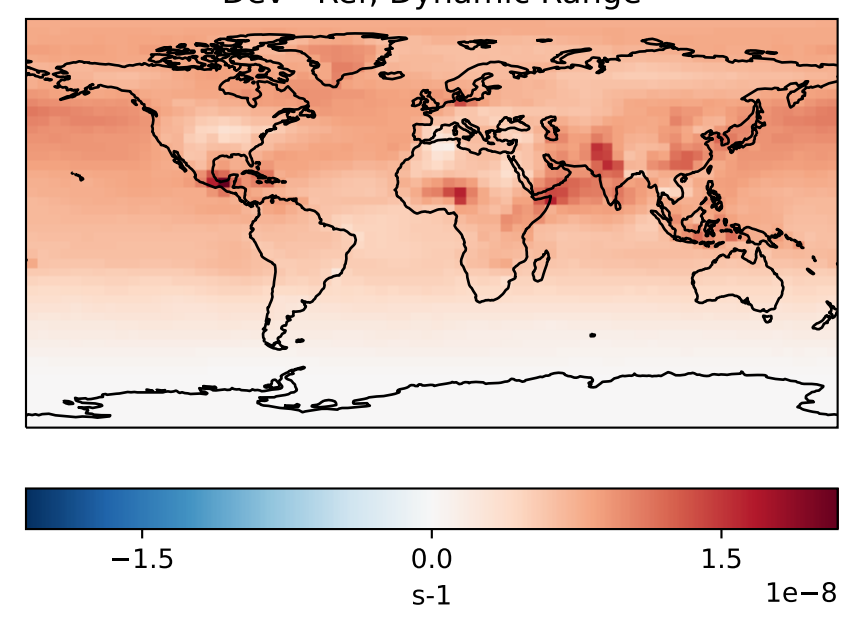
GCC_13.0.0 (Ref)
4.0x5.0



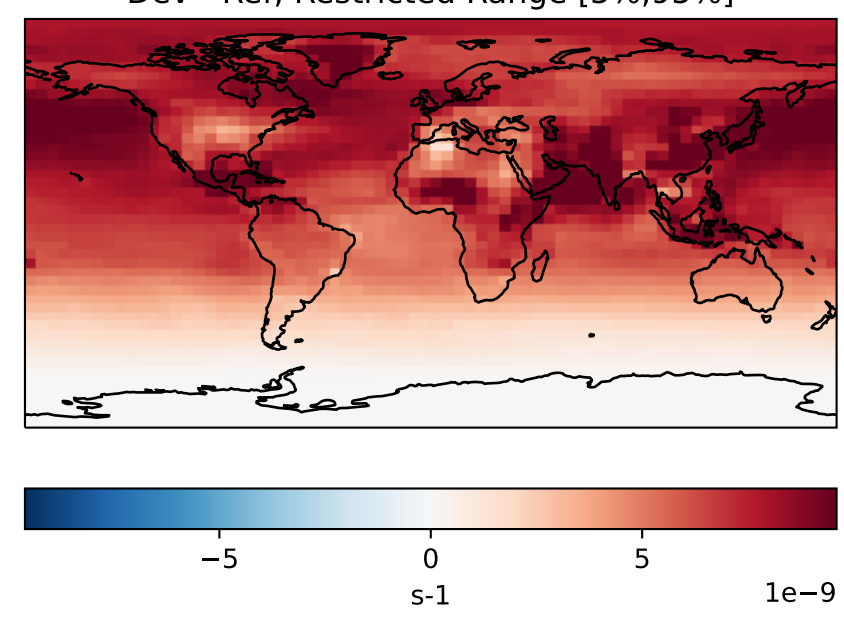

GCC_13.2.0 (Dev)
4.0x5.0



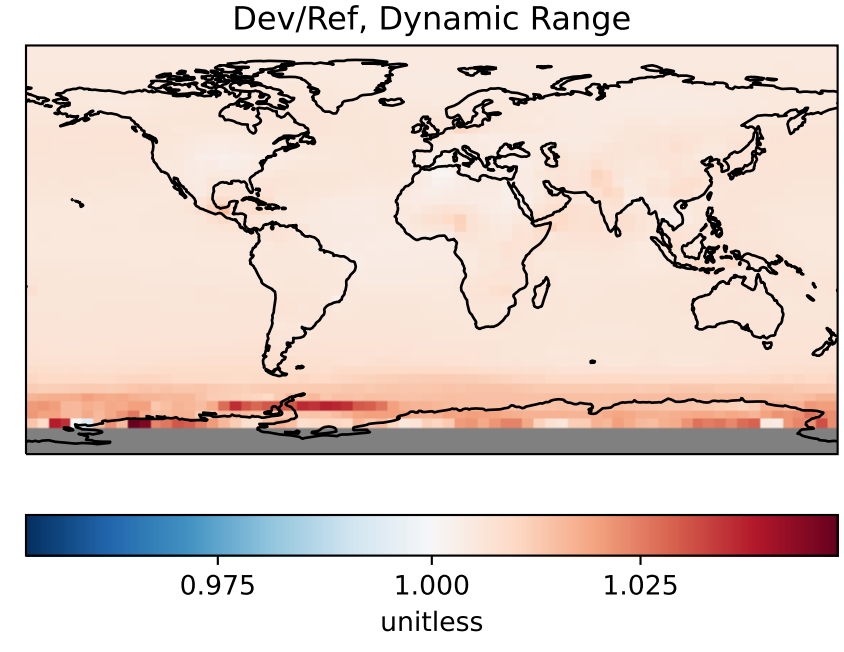

Difference
Dev - Ref, Dynamic Range



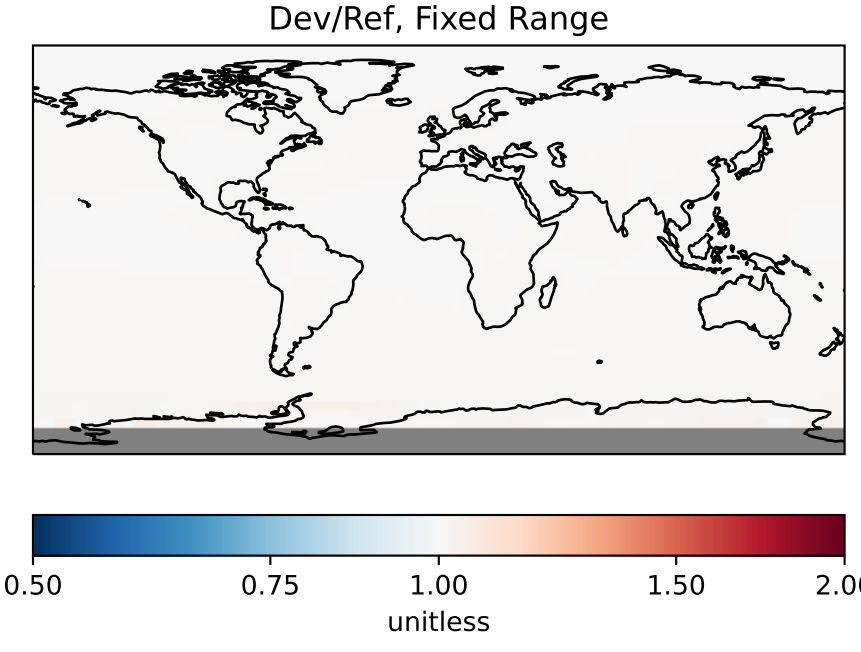

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

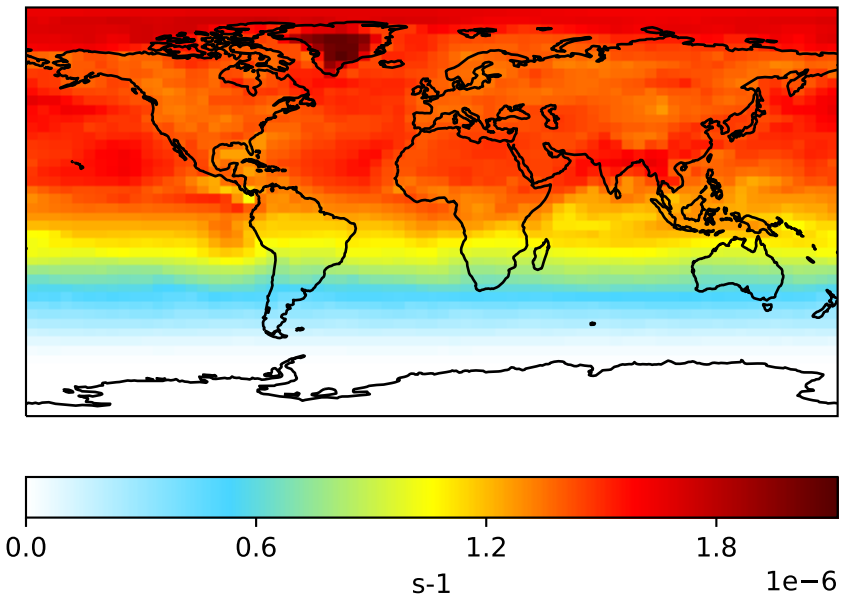



Ratio
Dev/Ref, Fixed Range

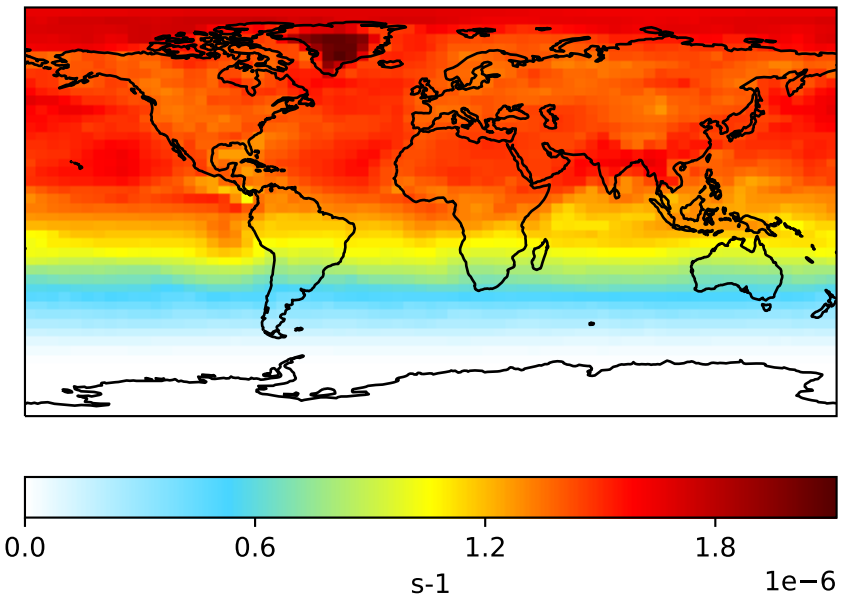


# Jval_IHN3 (Jul2019)

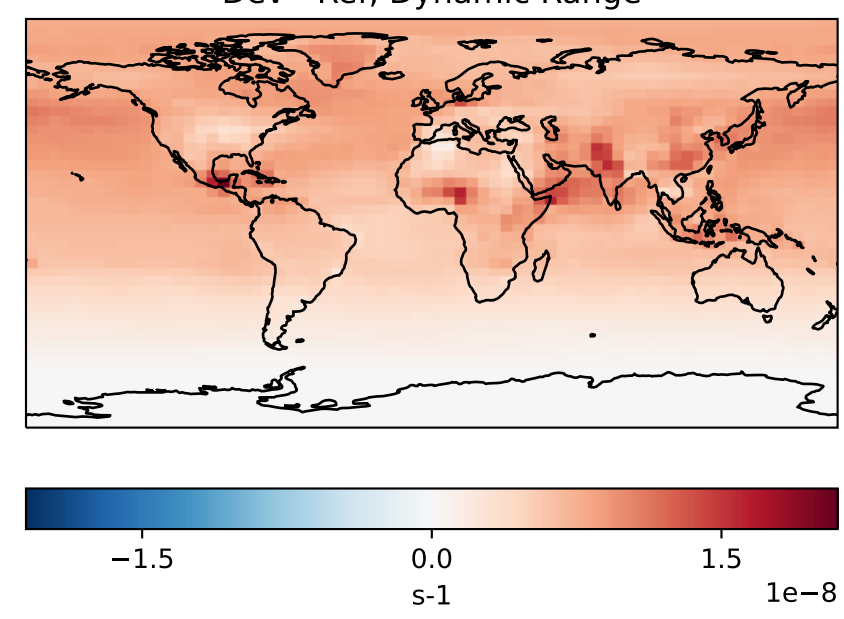
GCC_13.0.0 (Ref)
4.0x5.0



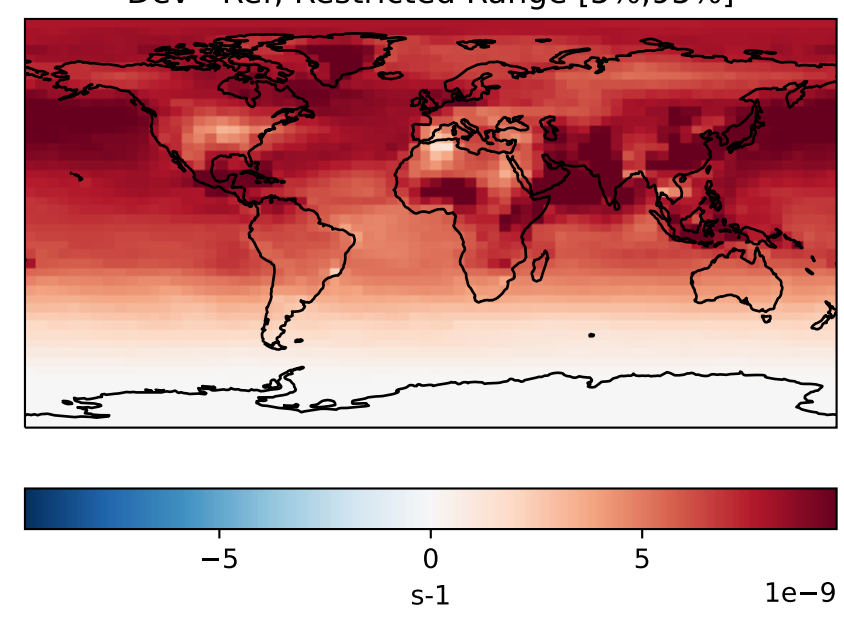

GCC_13.2.0 (Dev)
4.0x5.0



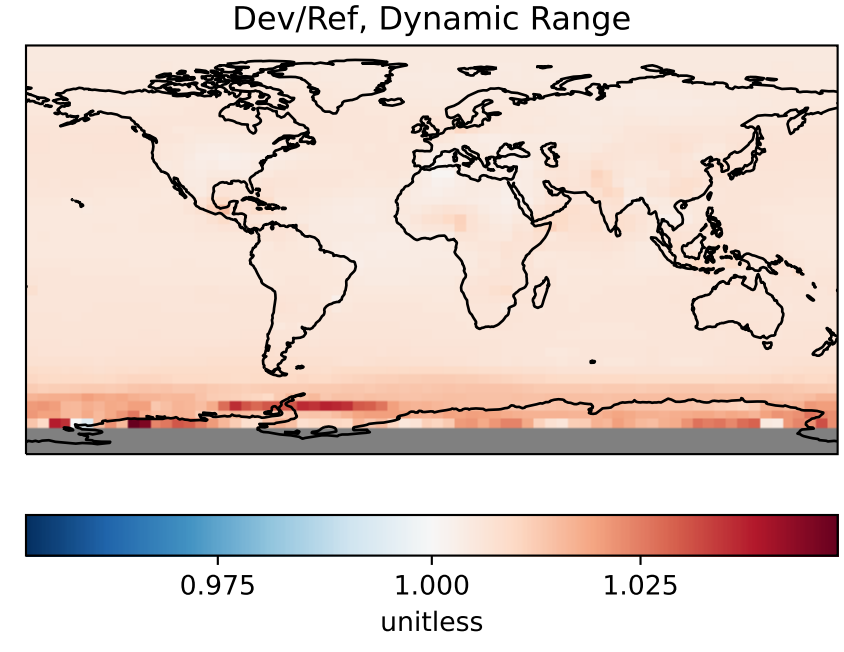

Difference
Dev - Ref, Dynamic Range



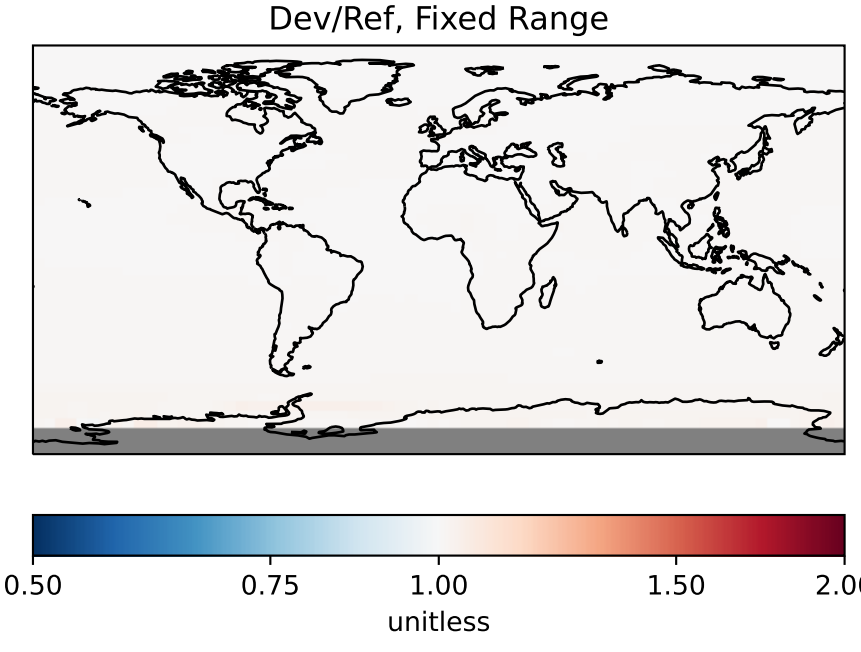

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

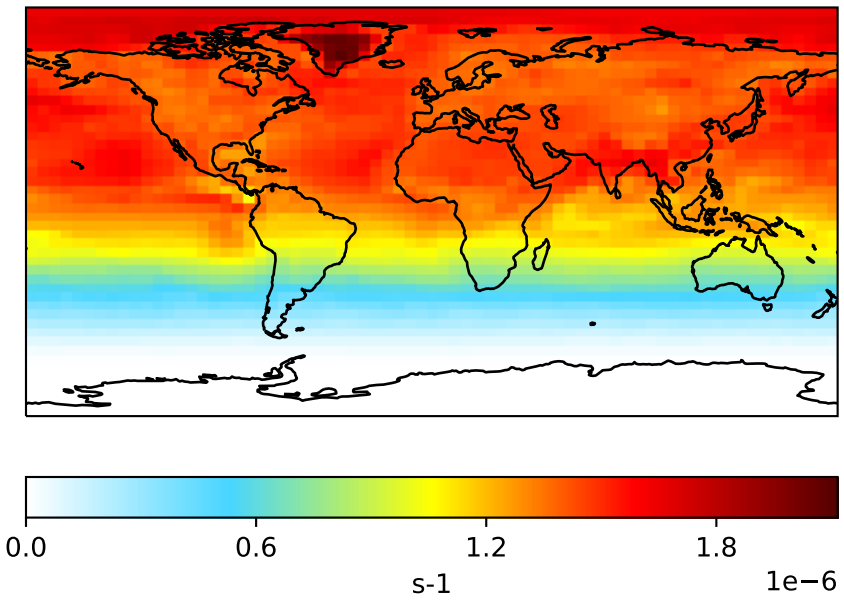



Ratio
Dev/Ref, Fixed Range

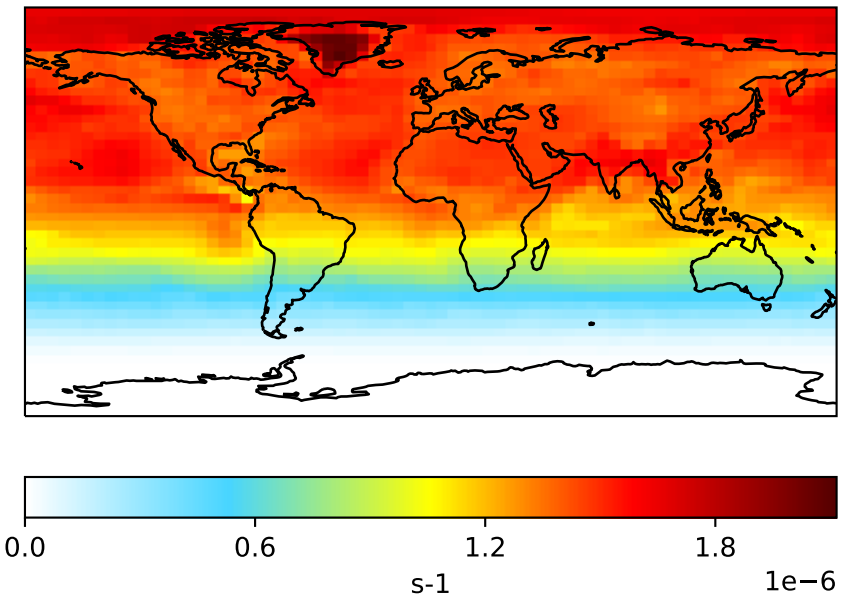


# Jval_IHN4 (Jul2019)

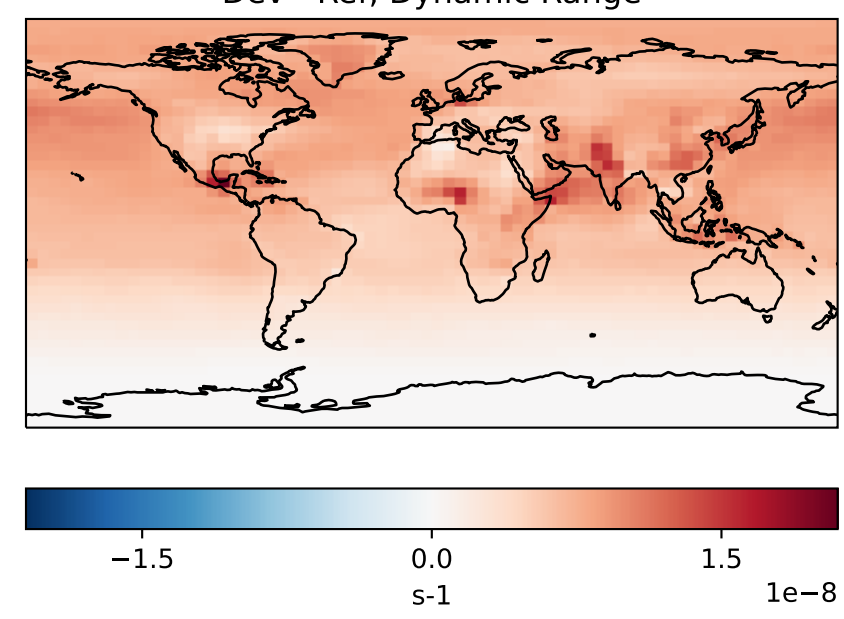
GCC_13.0.0 (Ref)
4.0x5.0



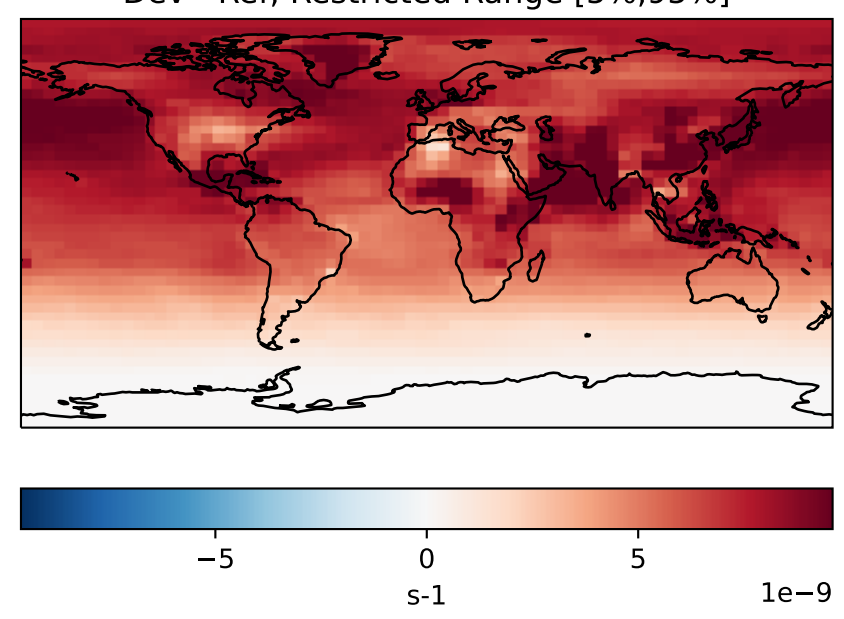

GCC_13.2.0 (Dev)
4.0x5.0



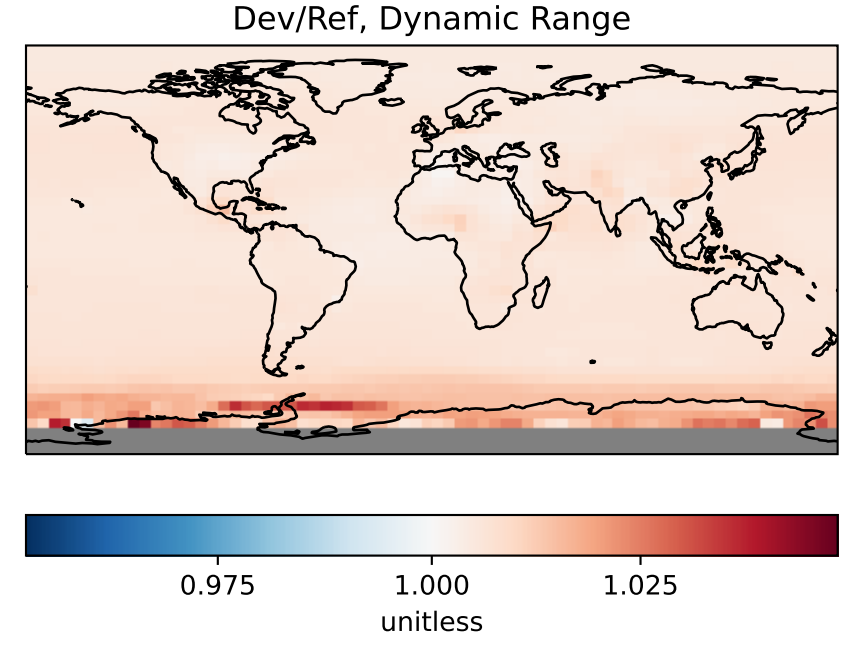

Difference
Dev - Ref, Dynamic Range



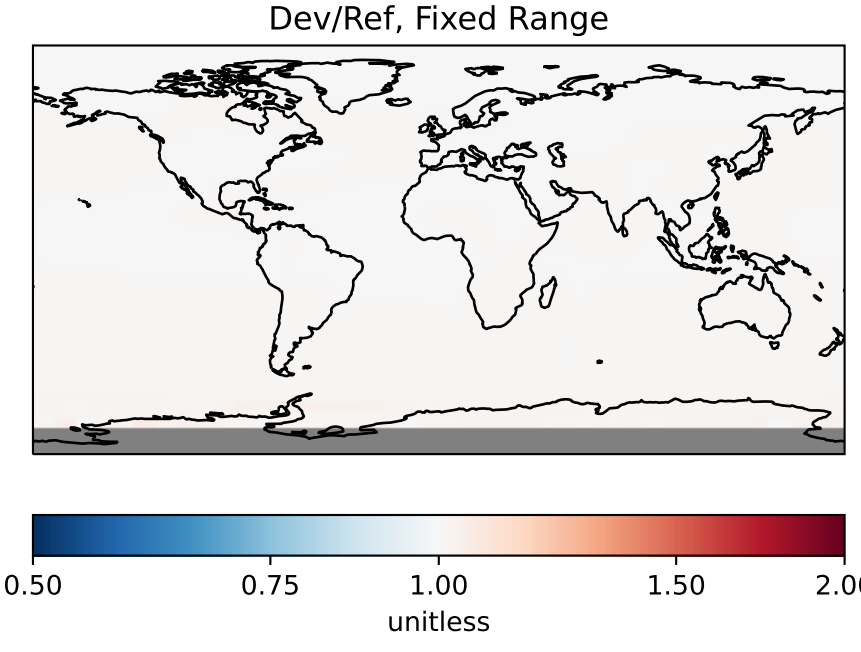

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

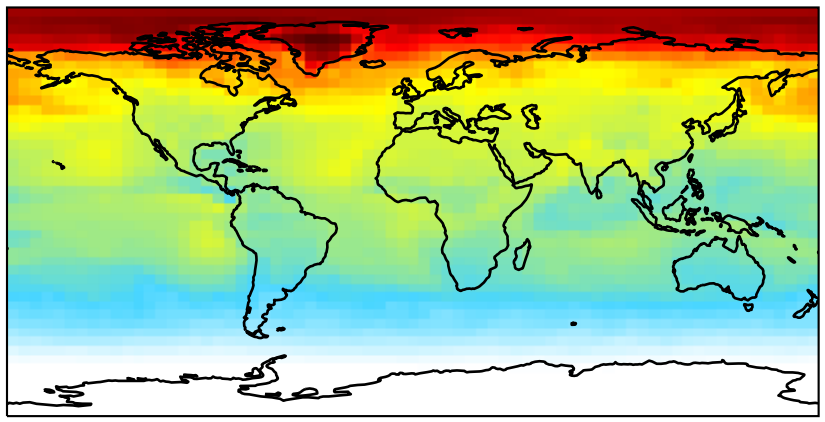


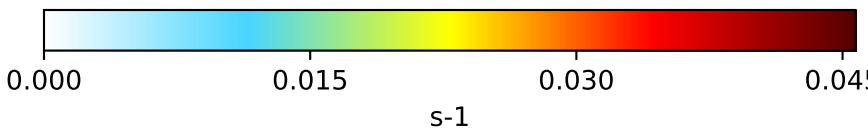

Ratio
Dev/Ref, Fixed Range



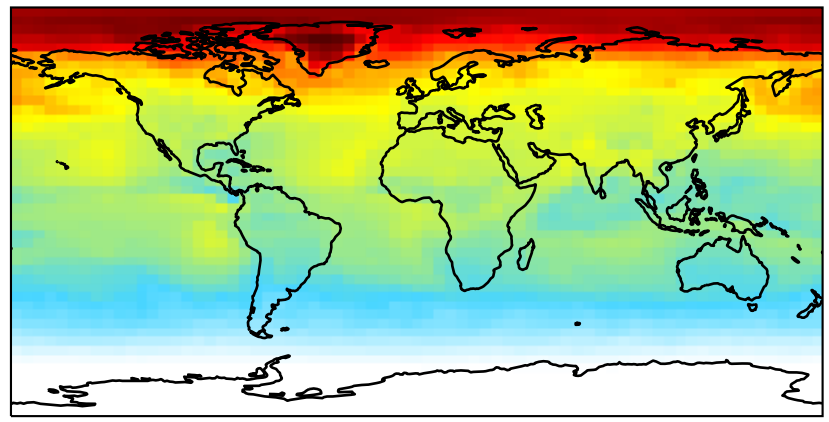
# Jval_INO (Jul2019)

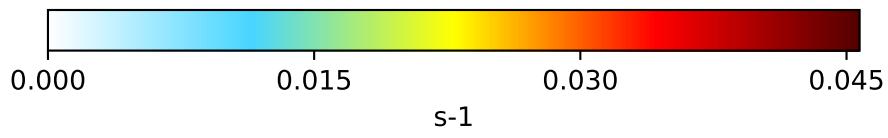
GCC_13.0.0 (Ref)
4.0x5.0



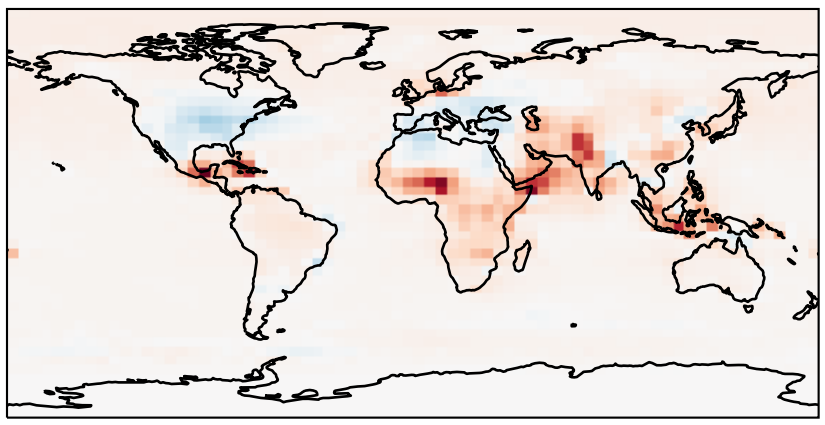


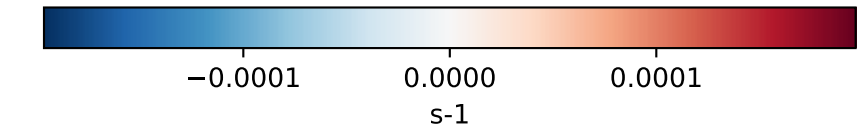

GCC_13.2.0 (Dev)
4.0x5.0



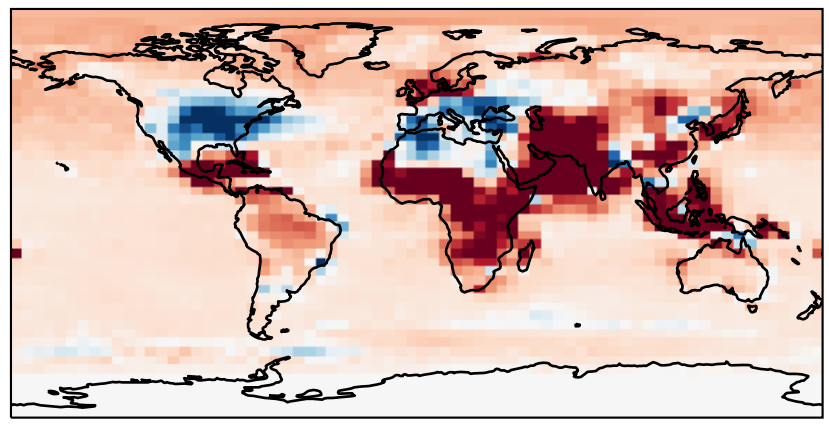


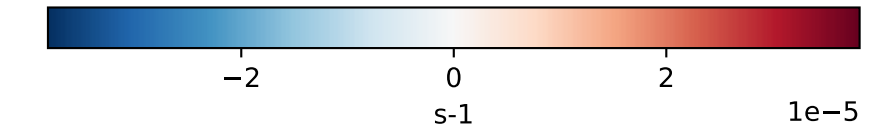

Difference
Dev - Ref, Dynamic Range



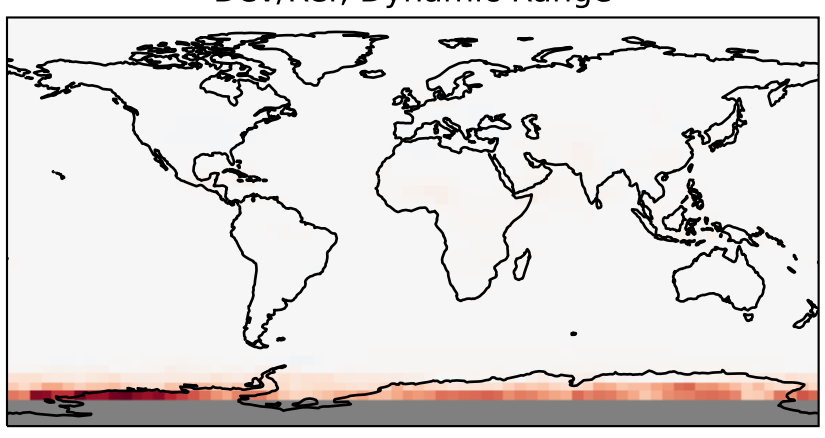


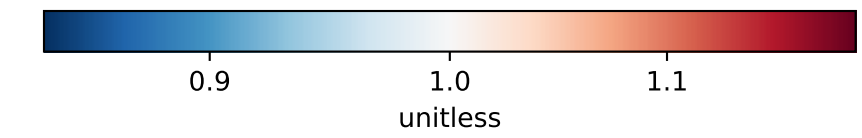

Difference
Dev - Ref, Restricted Range [5%,95%]





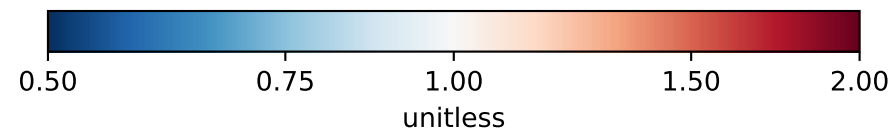

Ratio
Dev/Ref, Dynamic Range





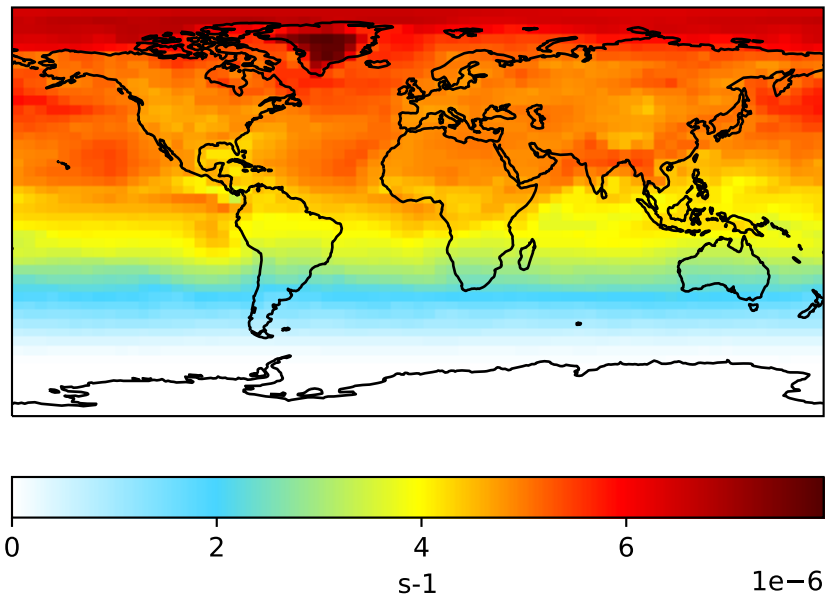

Ratio
Dev/Ref, Fixed Range



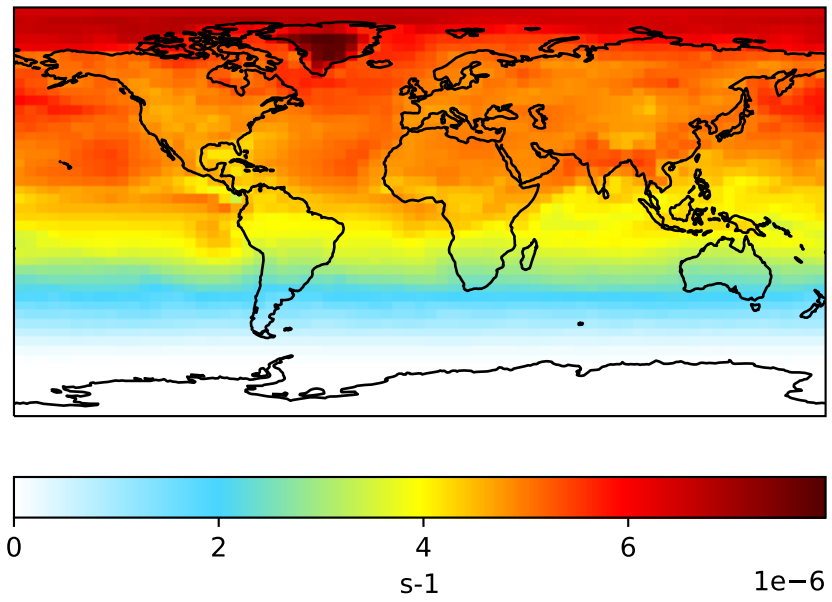


# Jval_INPB (Jul2019)

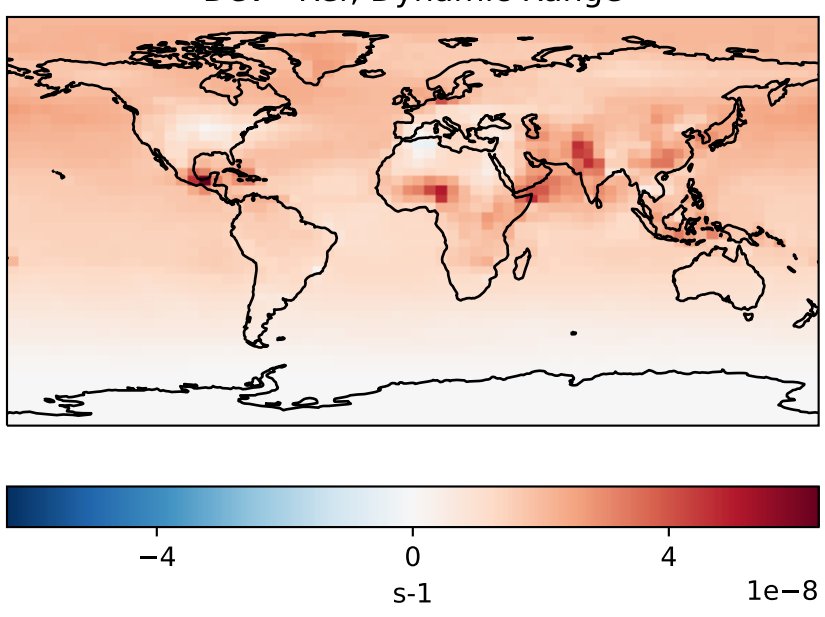
GCC_13.0.0 (Ref)
4.0x5.0



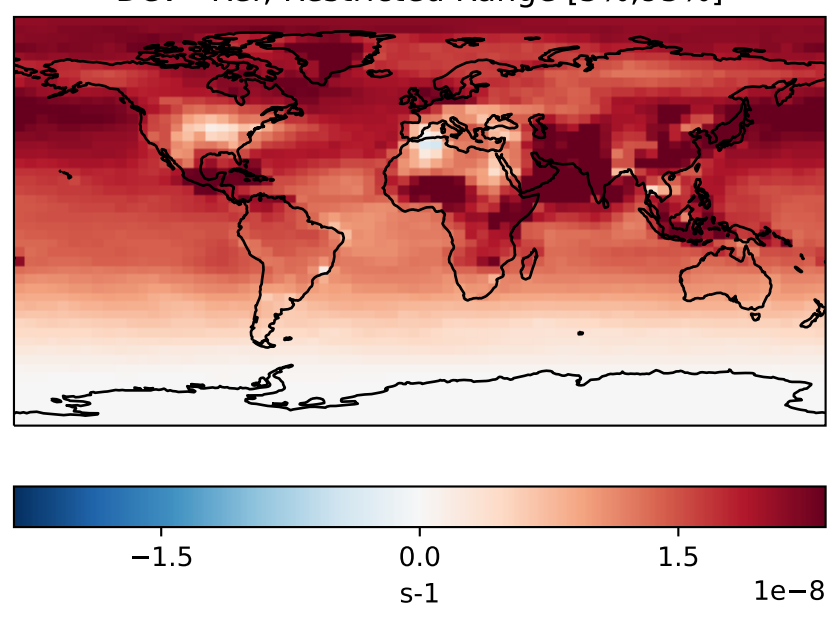

GCC_13.2.0 (Dev)
4.0x5.0



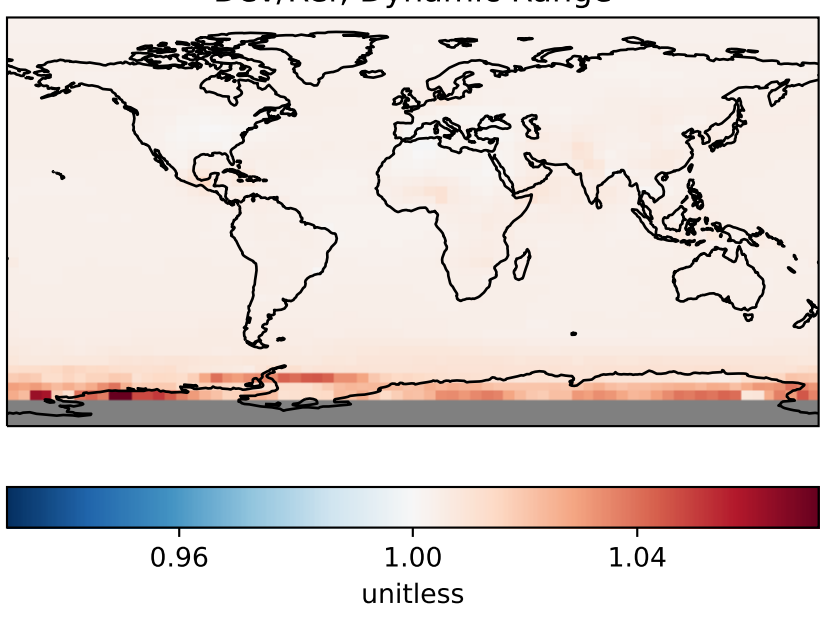

Difference
Dev - Ref, Dynamic Range



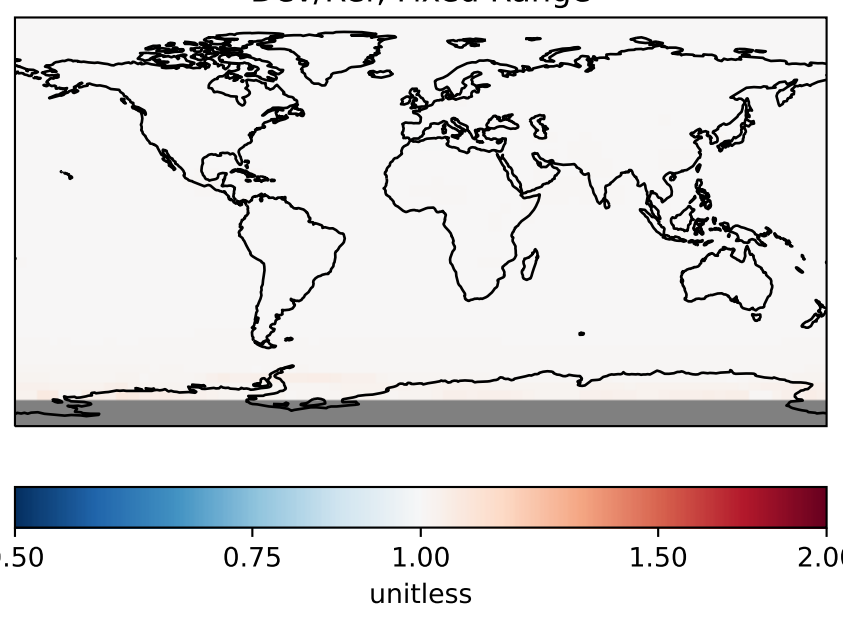

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

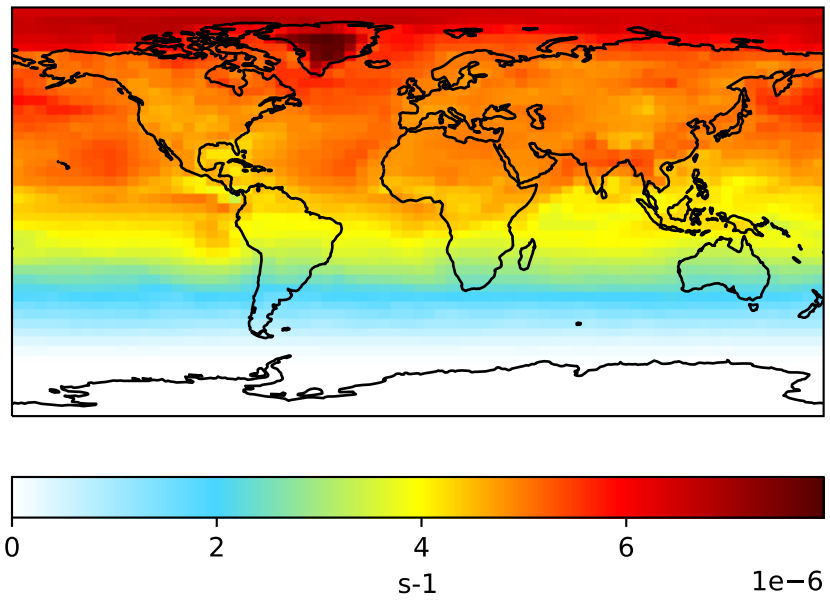



Ratio
Dev/Ref, Fixed Range

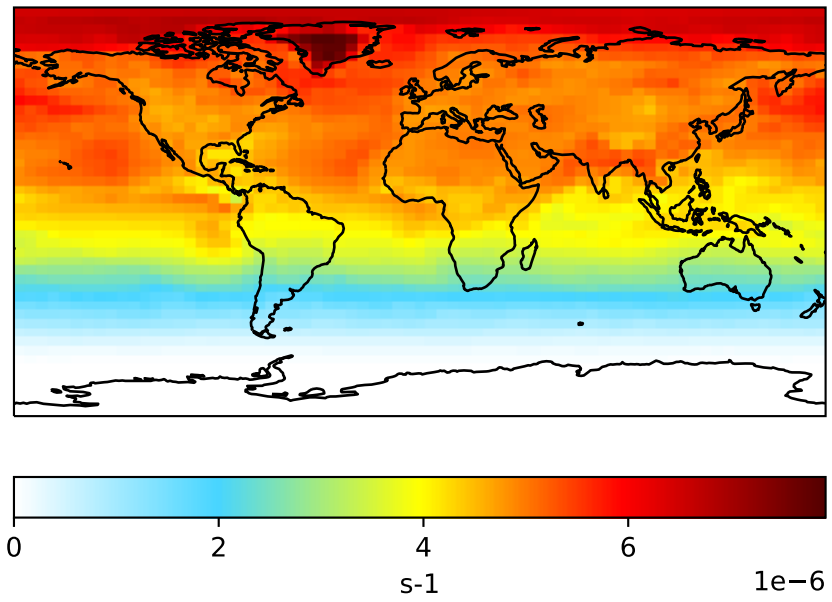


# Jval_INPD (Jul2019)

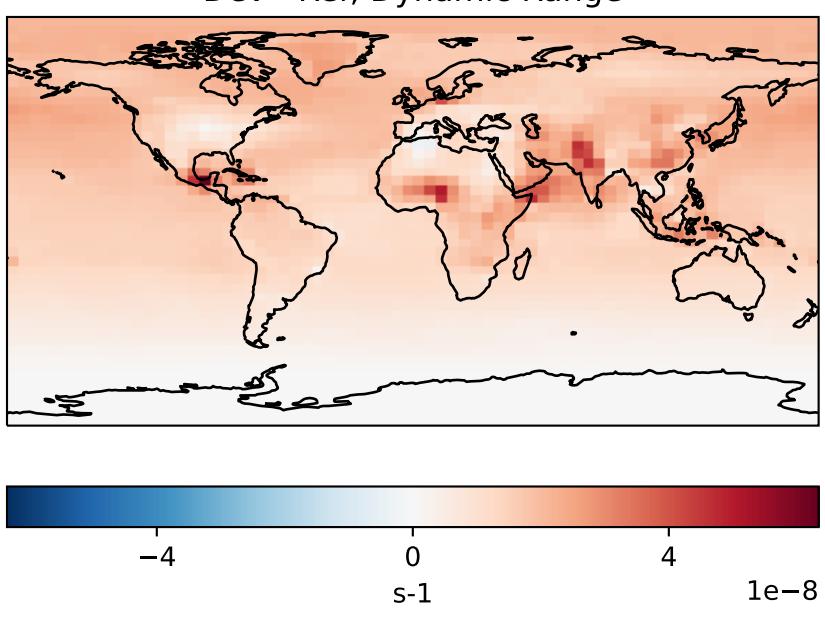
GCC_13.0.0 (Ref)
4.0x5.0



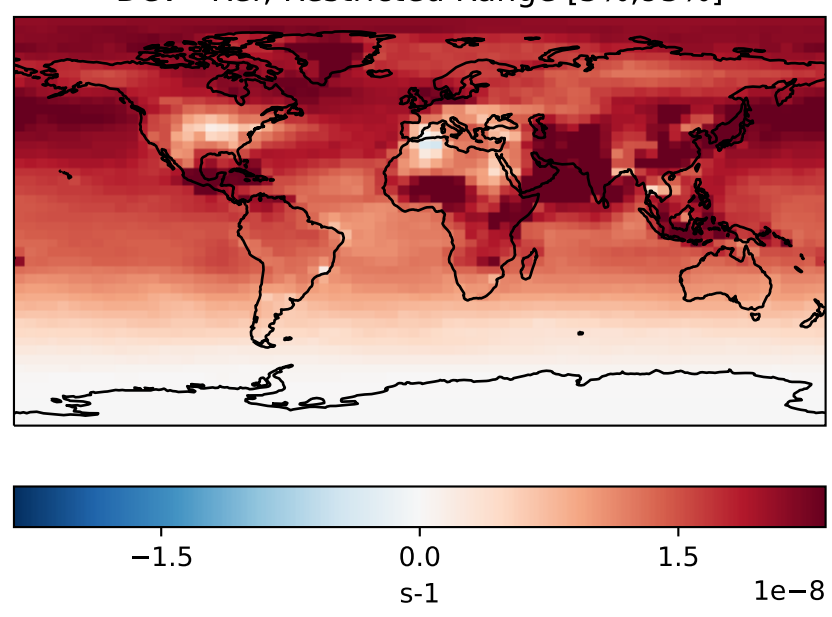

GCC_13.2.0 (Dev)
4.0x5.0



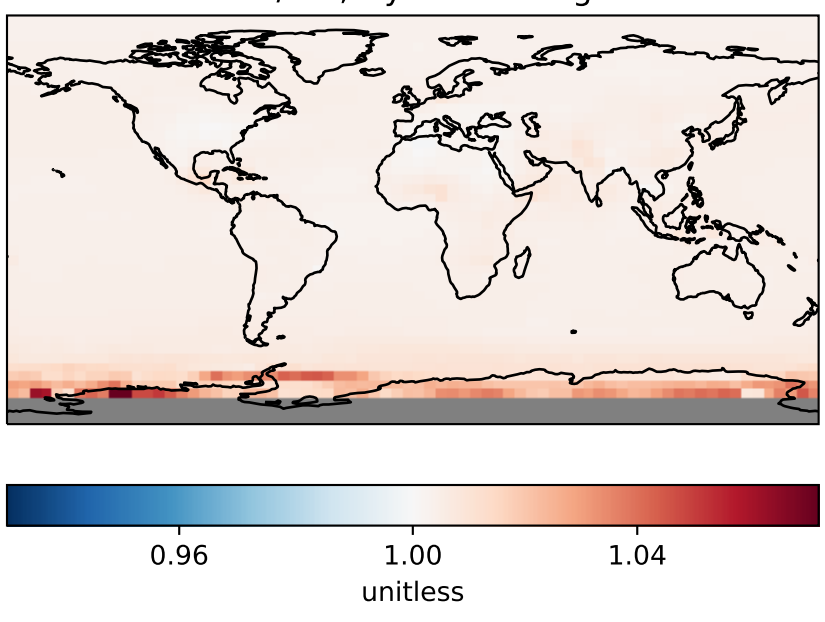

Difference
Dev - Ref, Dynamic Range



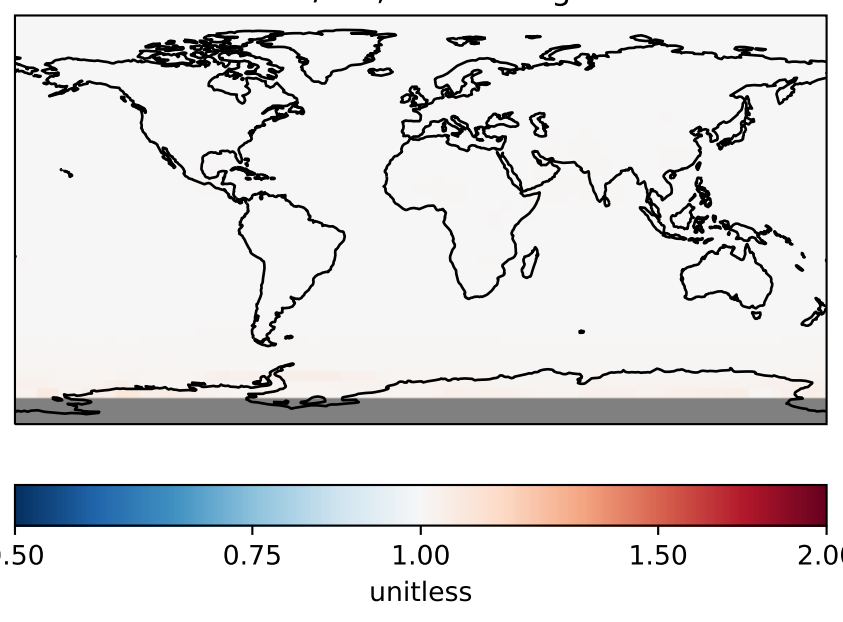

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

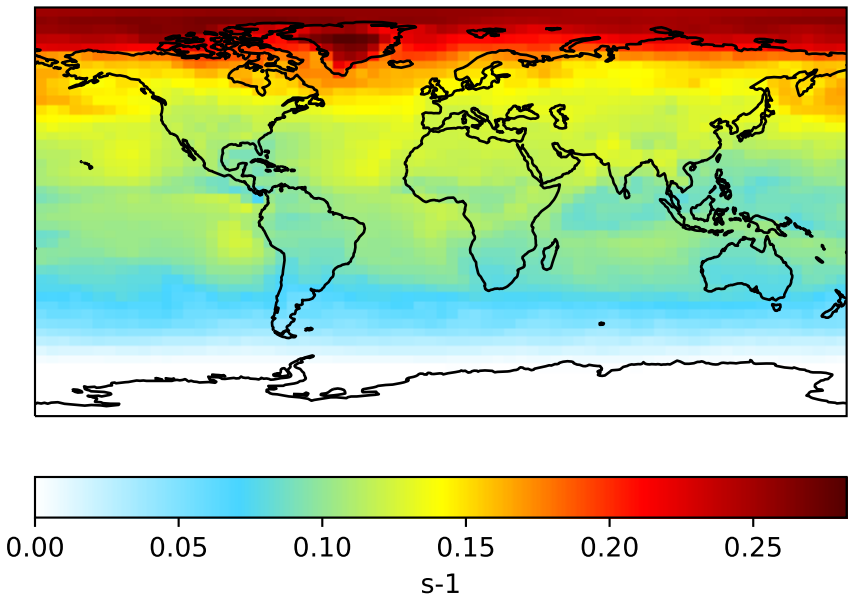



Ratio
Dev/Ref, Fixed Range

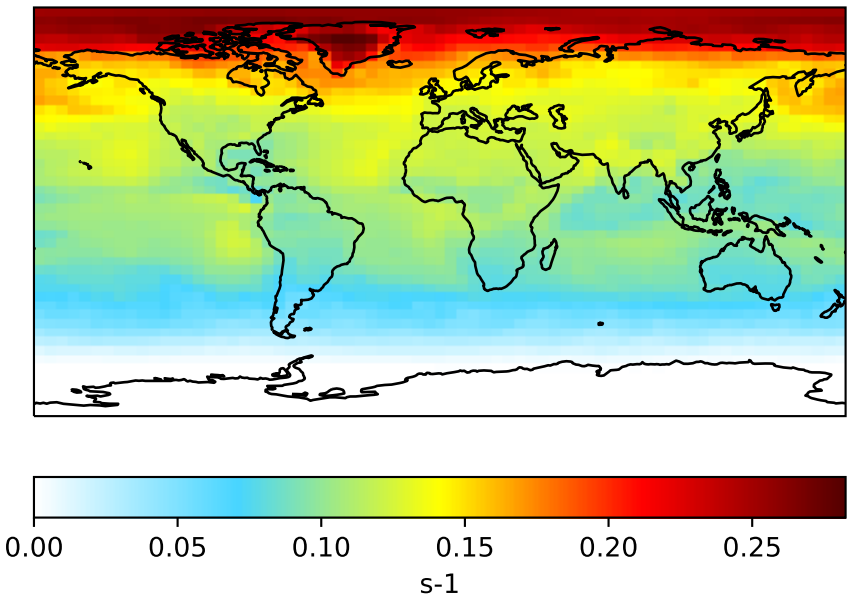


# Jval_IO (Jul2019)

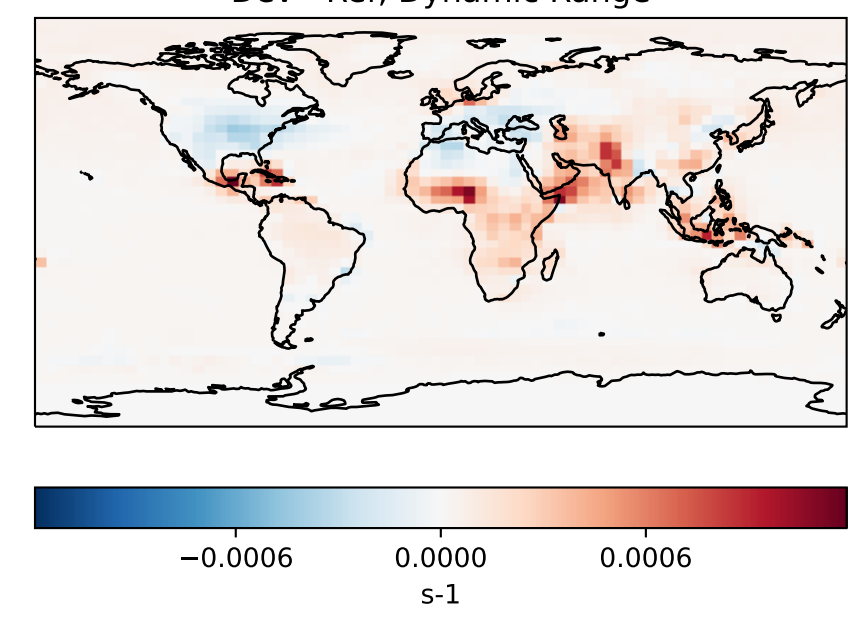
GCC_13.0.0 (Ref)
4.0x5.0



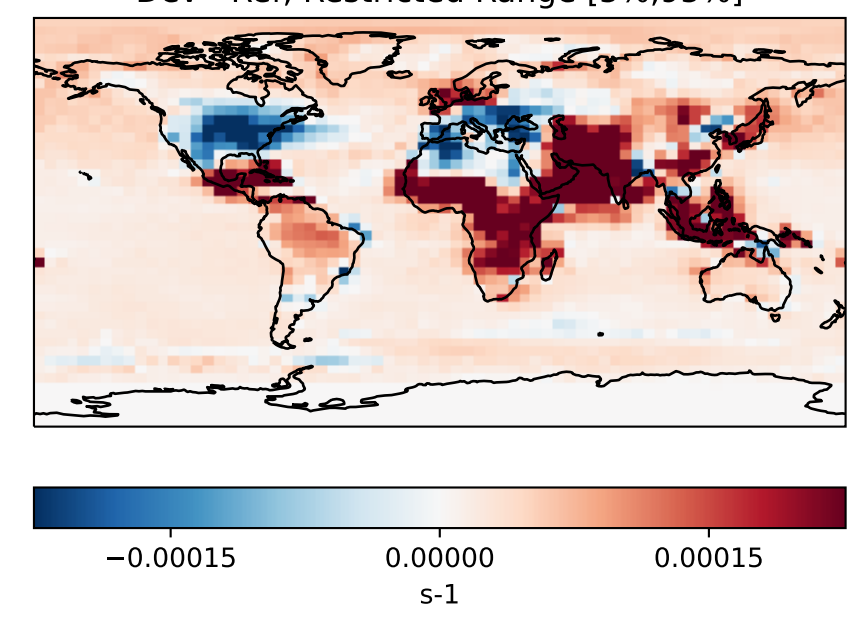

GCC_13.2.0 (Dev)
4.0x5.0



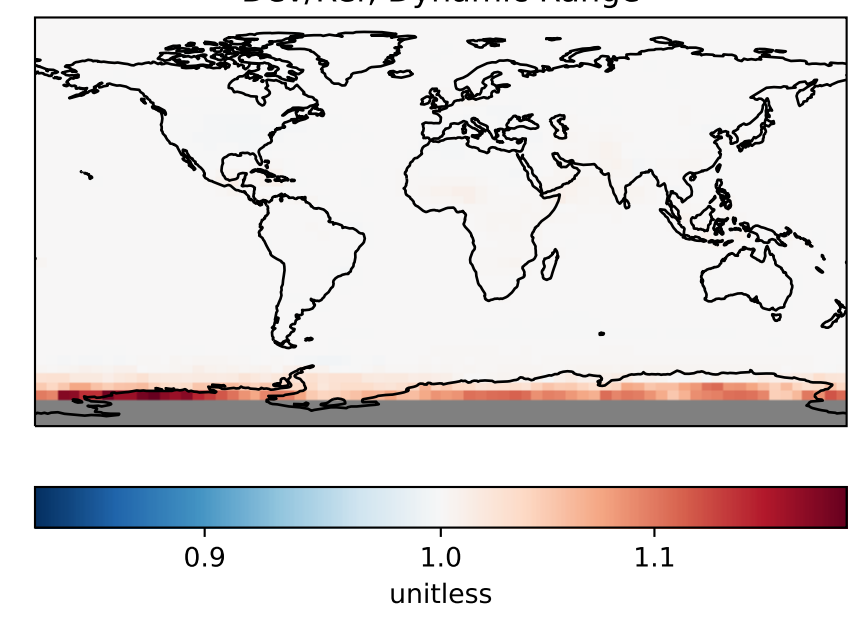

Difference
Dev - Ref, Dynamic Range



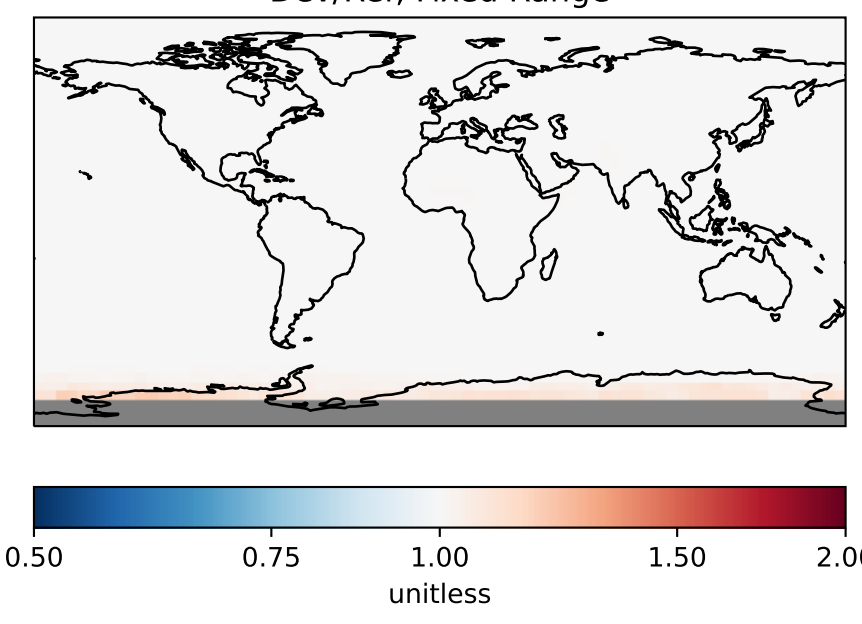

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

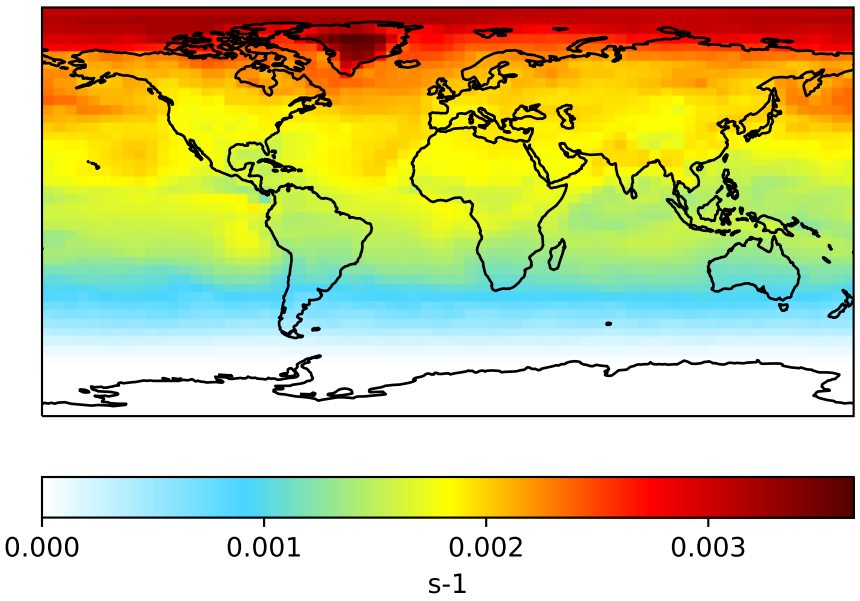



Ratio
Dev/Ref, Fixed Range

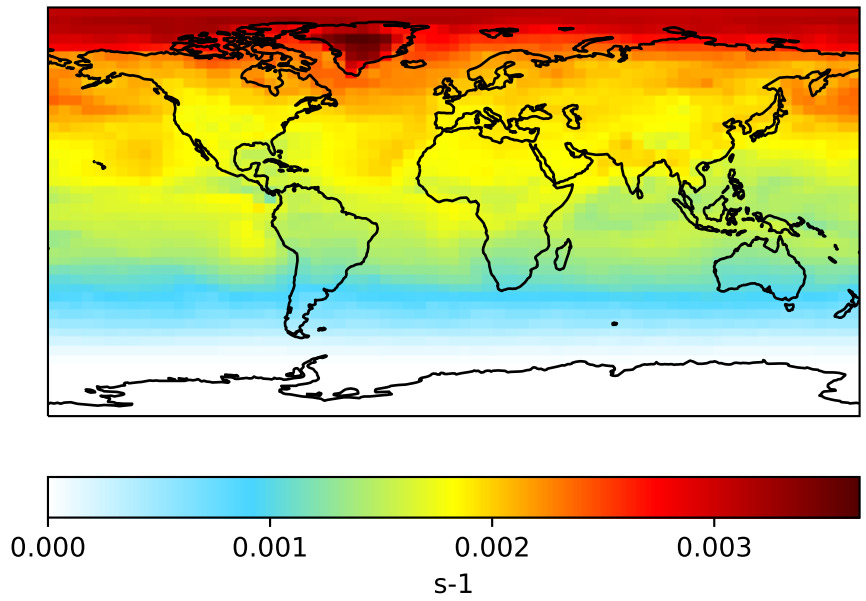


# Jval_IONO (Jul2019)

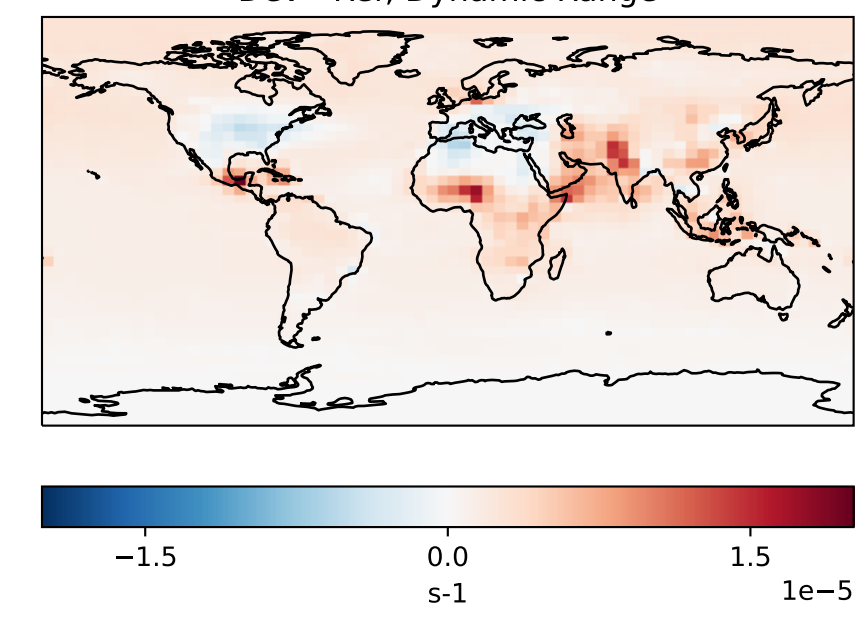
GCC_13.0.0 (Ref)
4.0x5.0



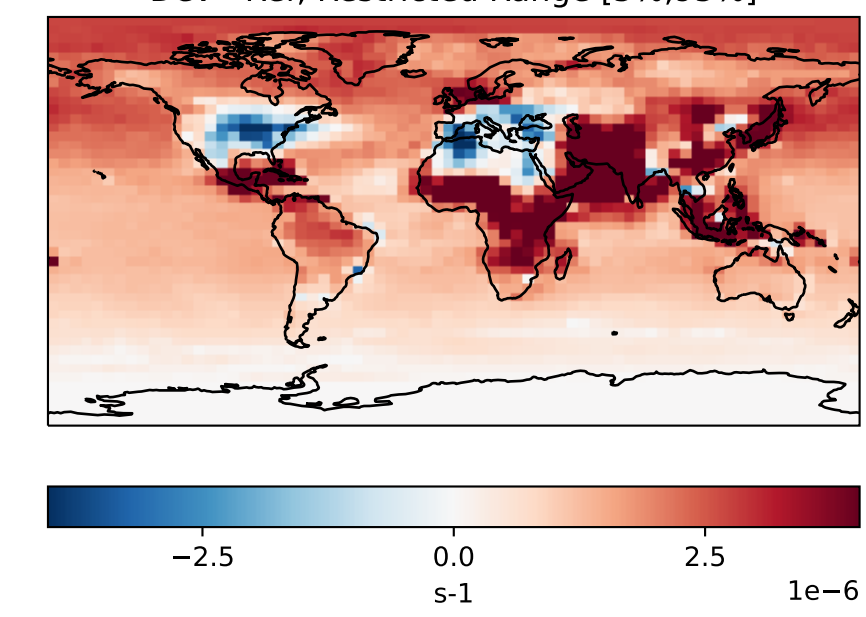

GCC_13.2.0 (Dev)
4.0x5.0



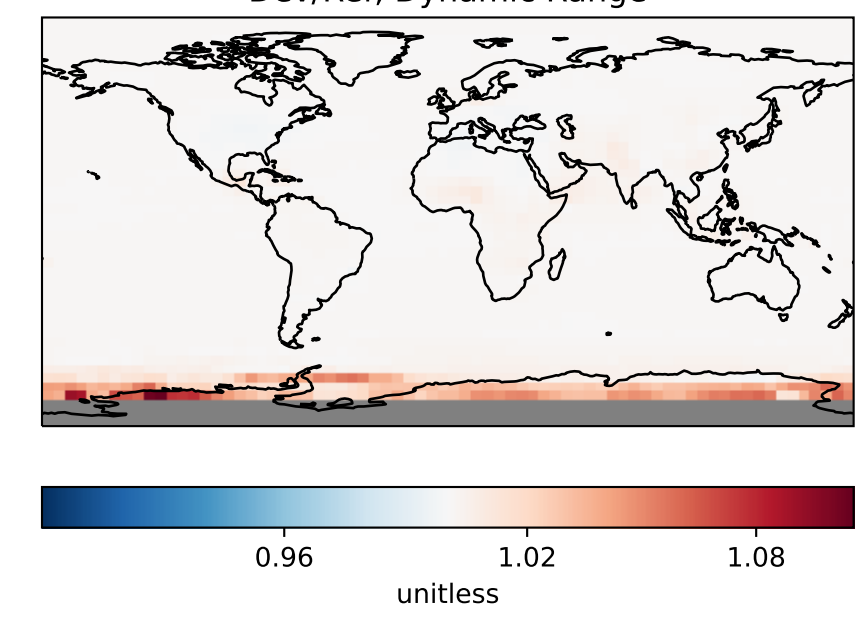

Difference
Dev - Ref, Dynamic Range



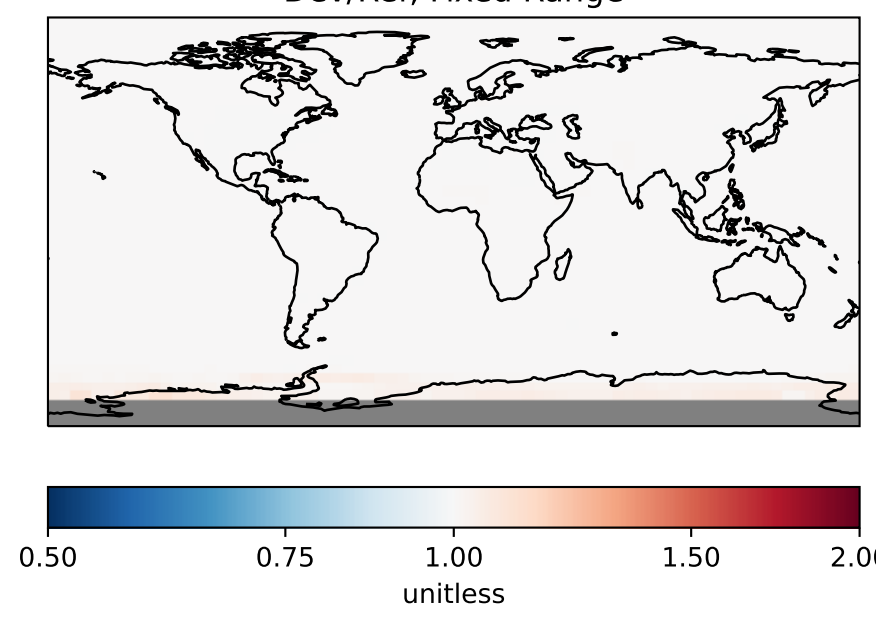

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

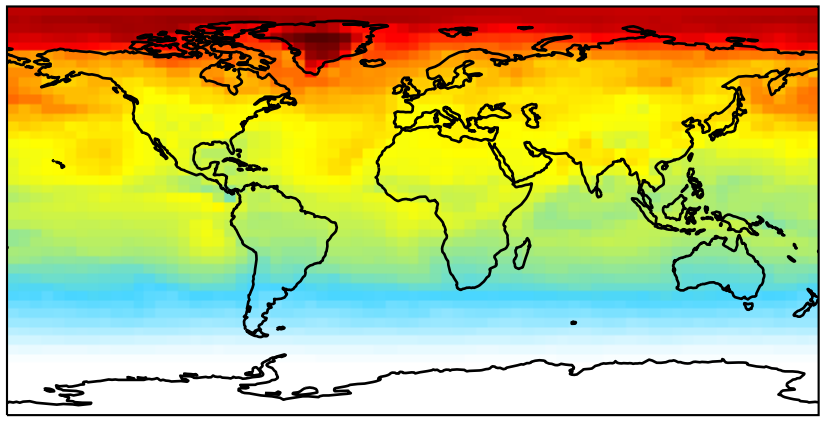


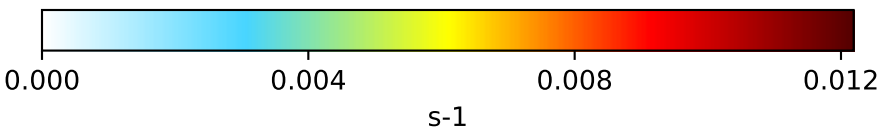

Ratio
Dev/Ref, Fixed Range



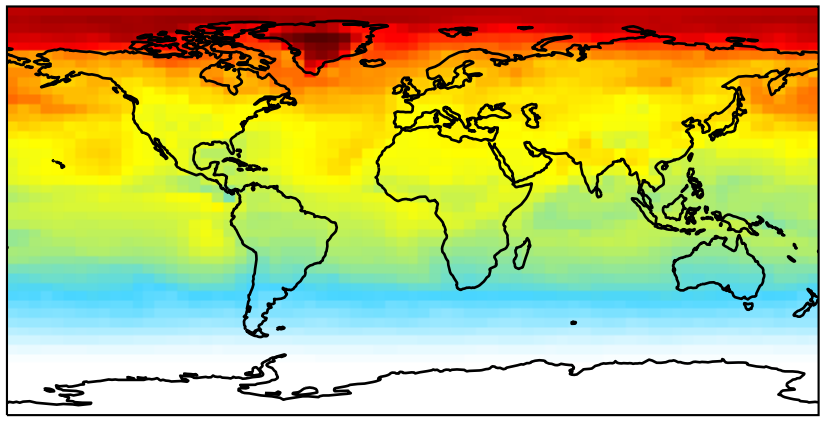
# Jval_IONO2 (Jul2019)

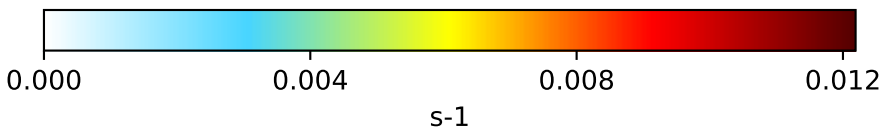
GCC_13.0.0 (Ref)
4.0x5.0



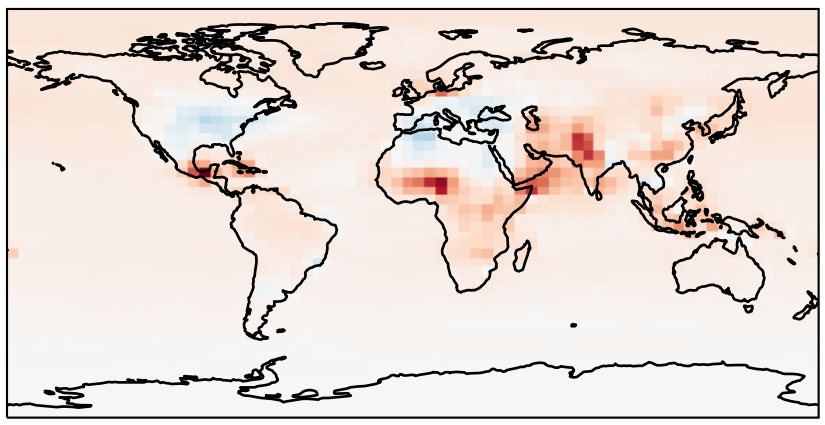


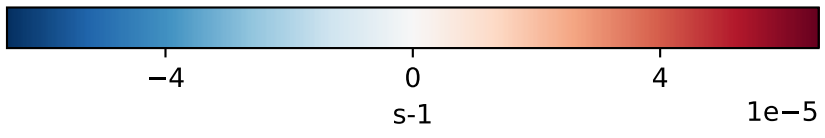

GCC_13.2.0 (Dev)
4.0x5.0



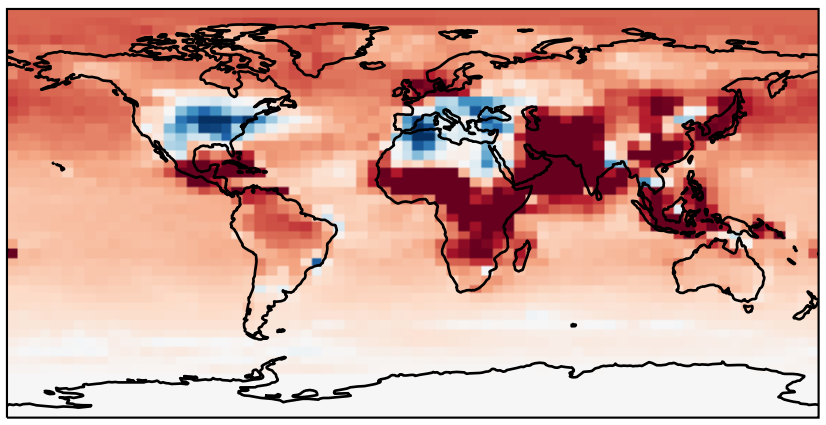


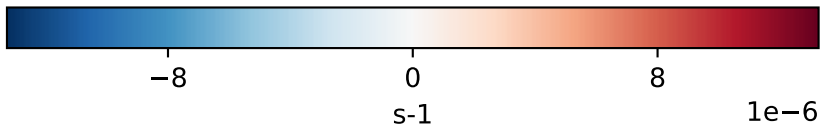

Difference
Dev - Ref, Dynamic Range



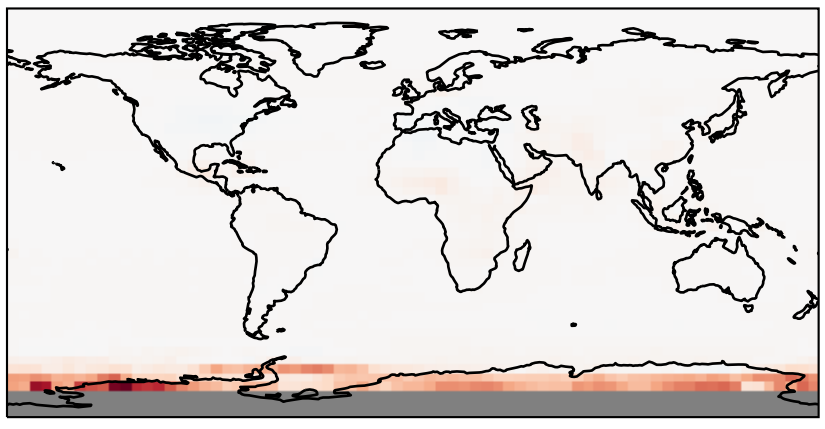


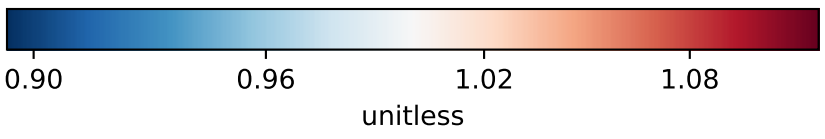

Difference
Dev - Ref, Restricted Range [5%,95%]



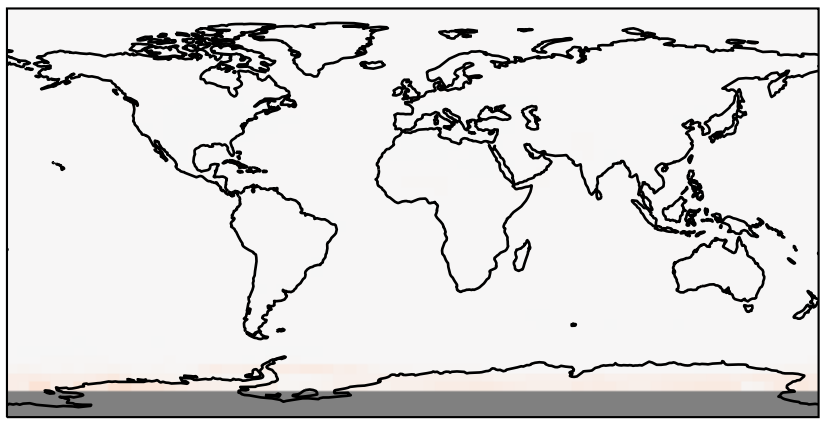


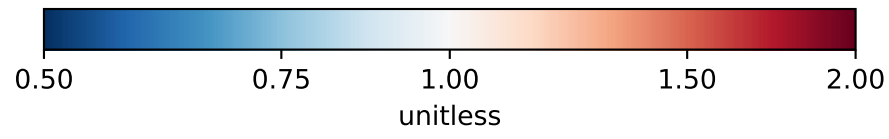

Ratio
Dev/Ref, Dynamic Range





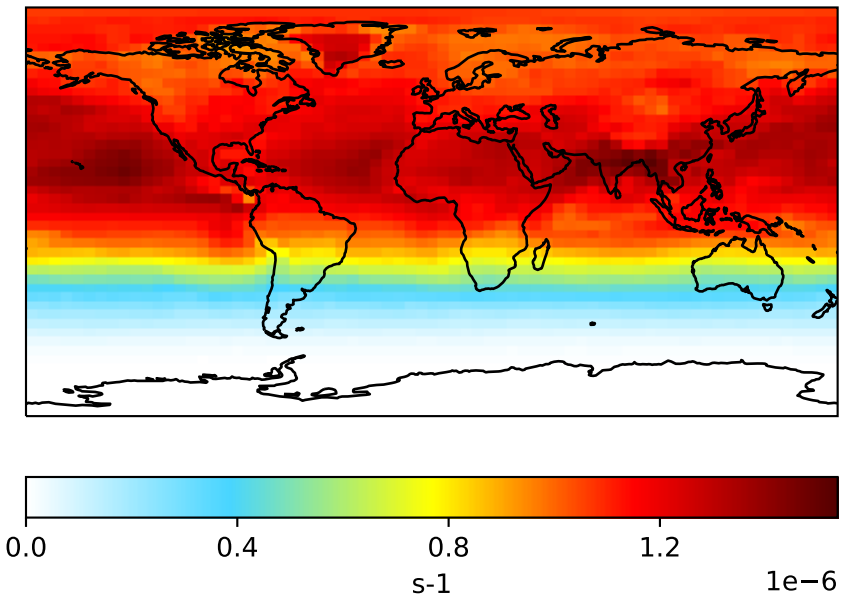

Ratio
Dev/Ref, Fixed Range



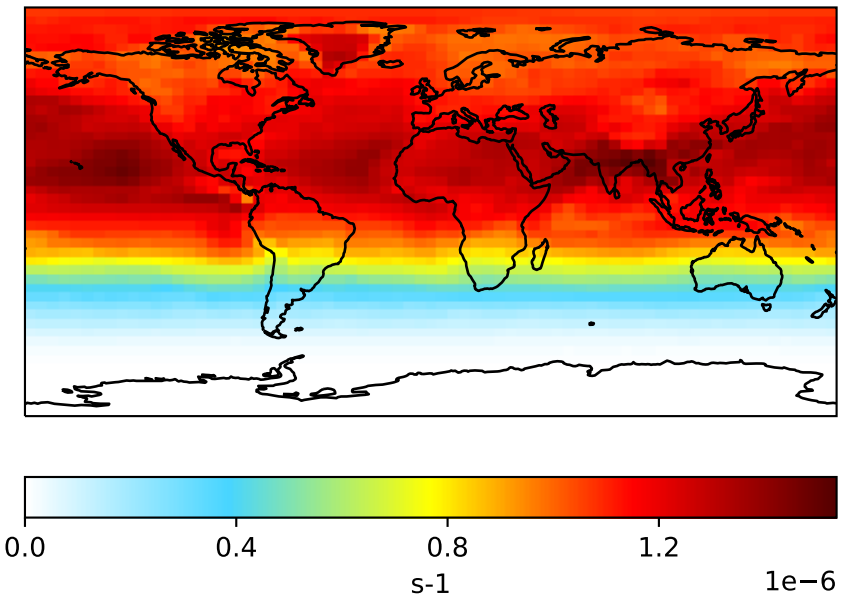


# Jval_IPRNO3 (Jul2019)

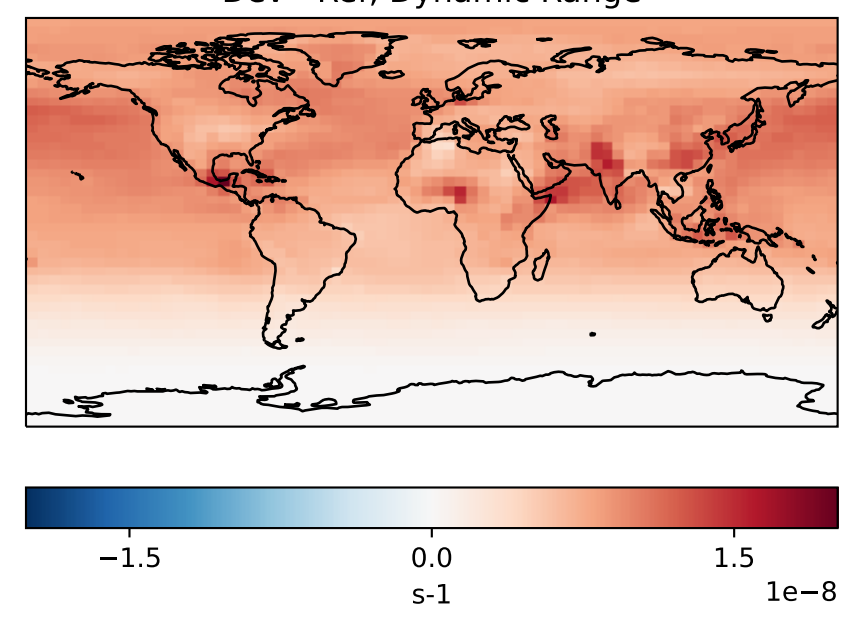
GCC_13.0.0 (Ref)
4.0x5.0



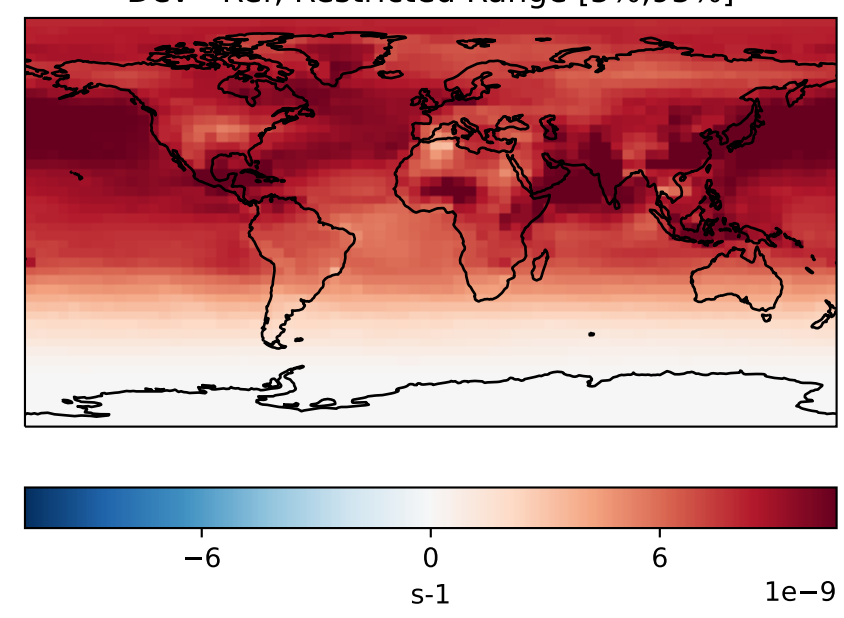

GCC_13.2.0 (Dev)
4.0x5.0



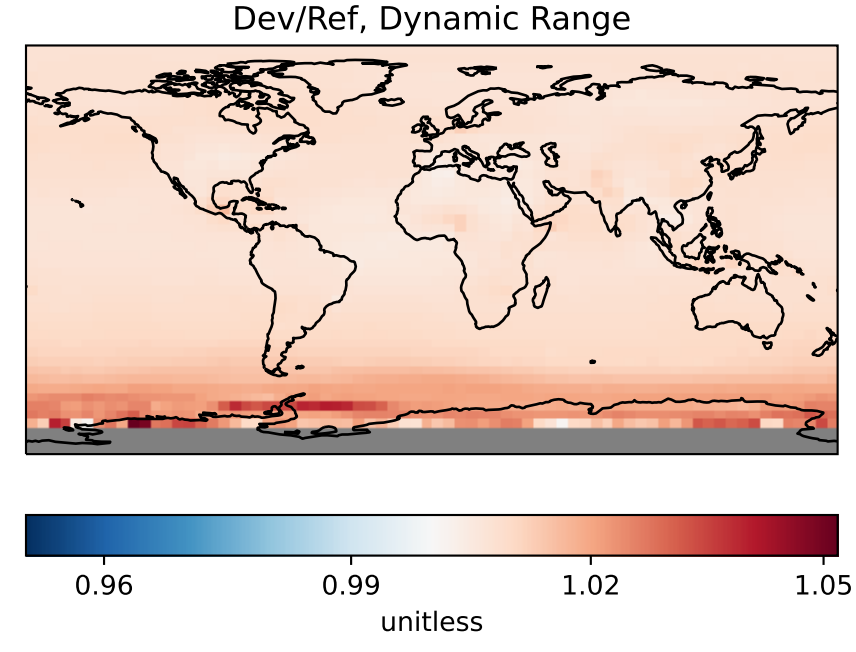

Difference
Dev - Ref, Dynamic Range



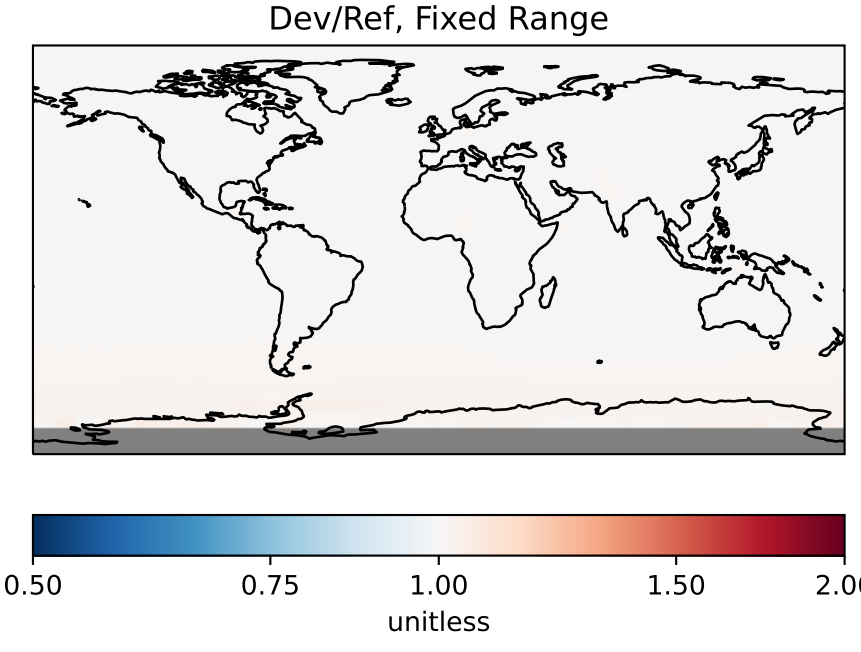

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

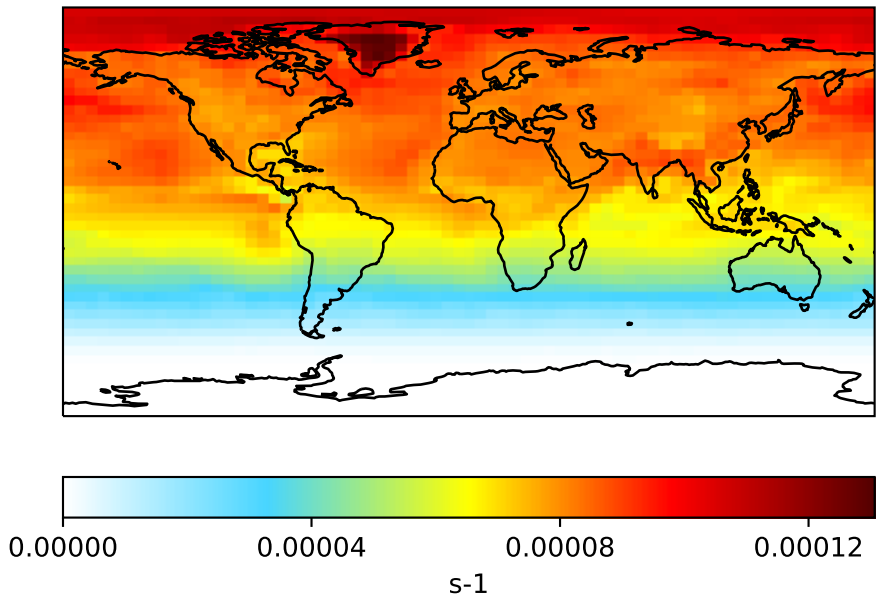



Ratio
Dev/Ref, Fixed Range

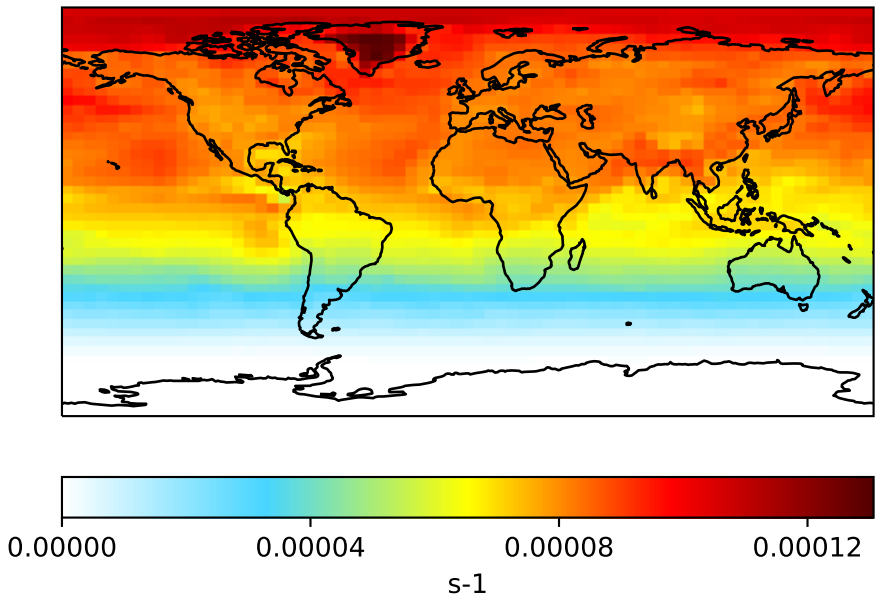


# Jval_ITCN (Jul2019)

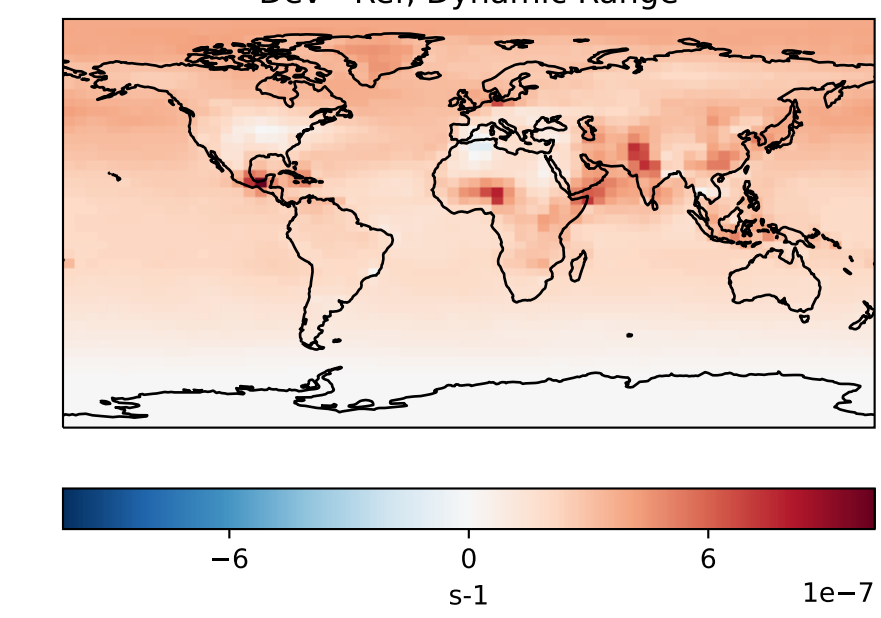
GCC_13.0.0 (Ref)
4.0x5.0



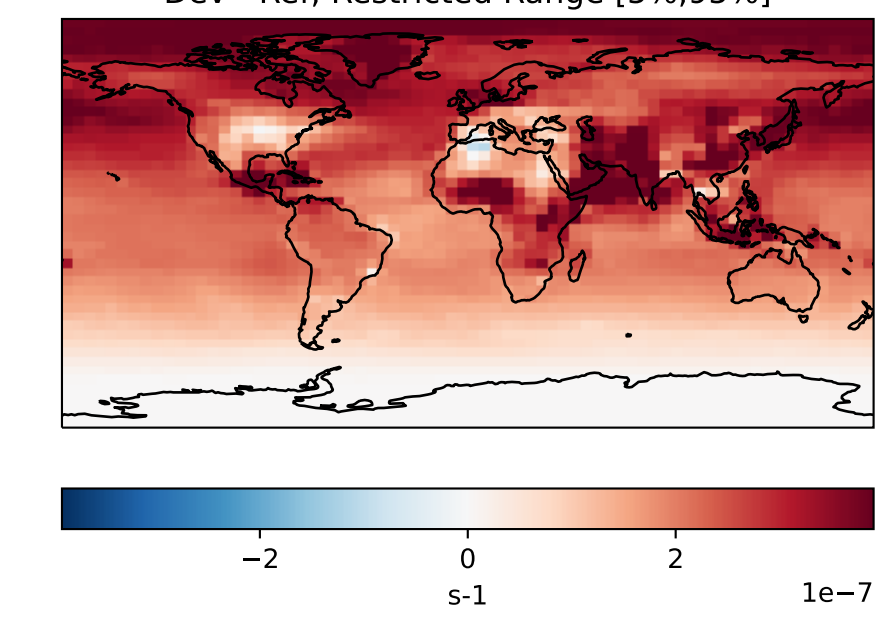

GCC_13.2.0 (Dev)
4.0x5.0



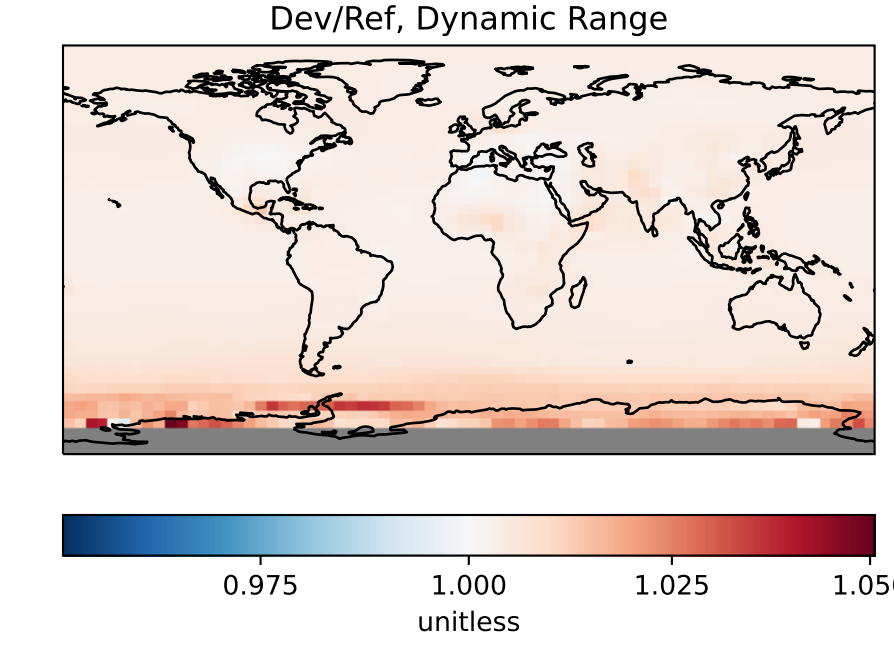

Difference
Dev - Ref, Dynamic Range



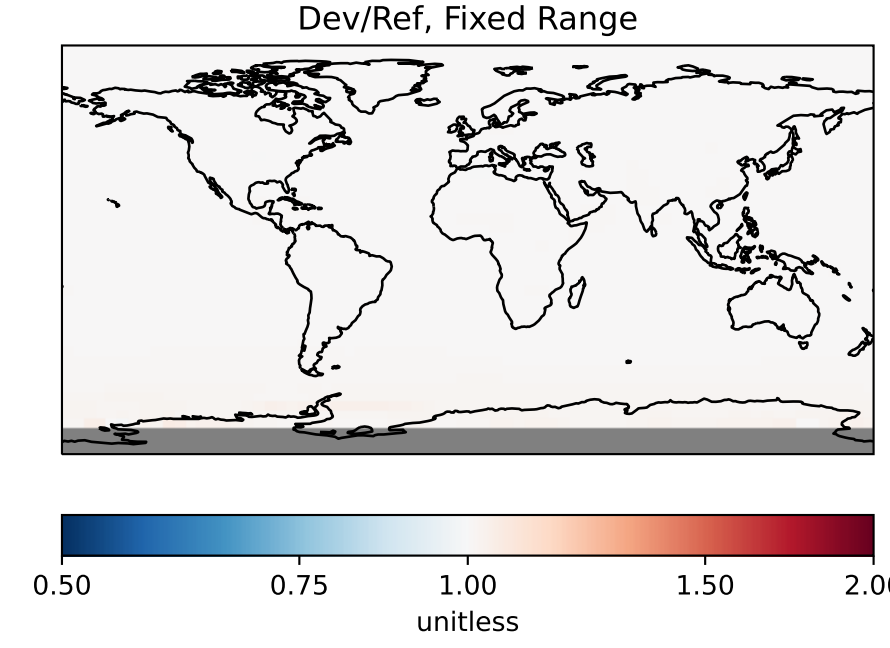

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

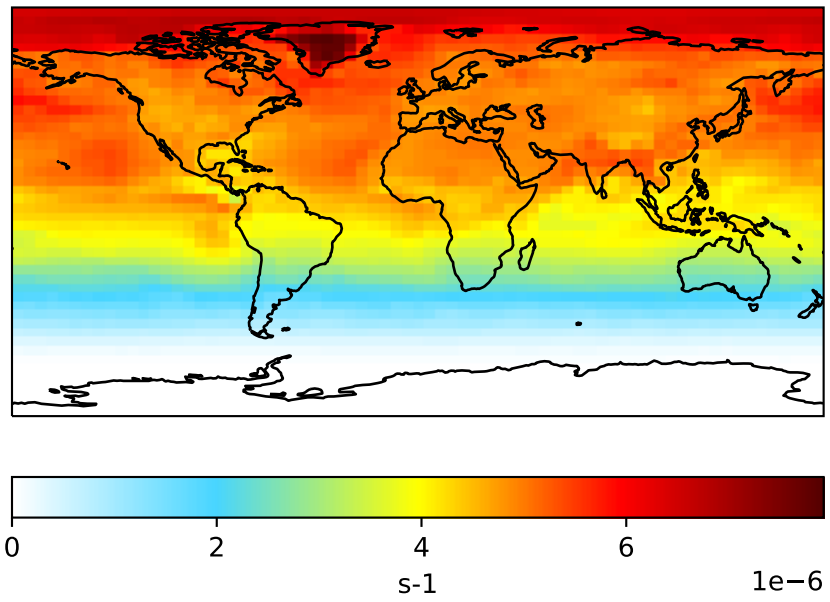



Ratio
Dev/Ref, Fixed Range

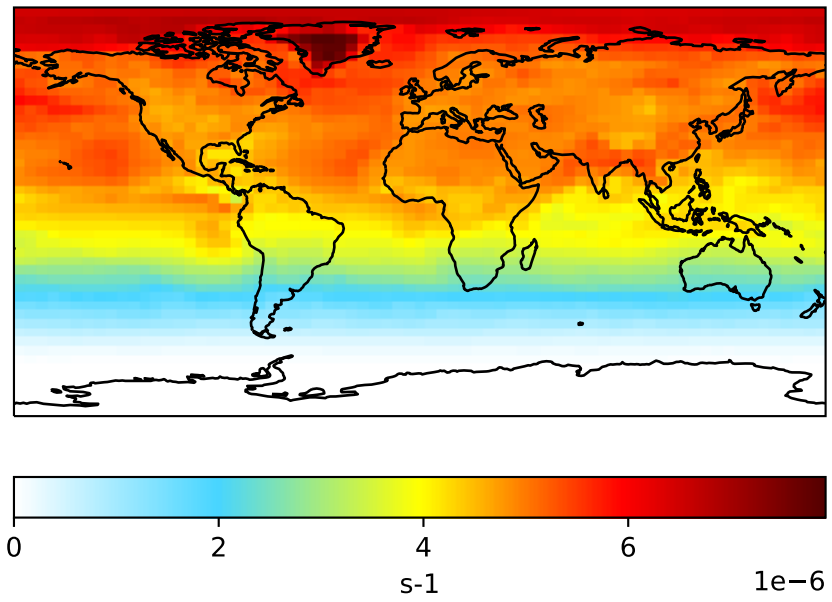


# Jval_ITHN (Jul2019)

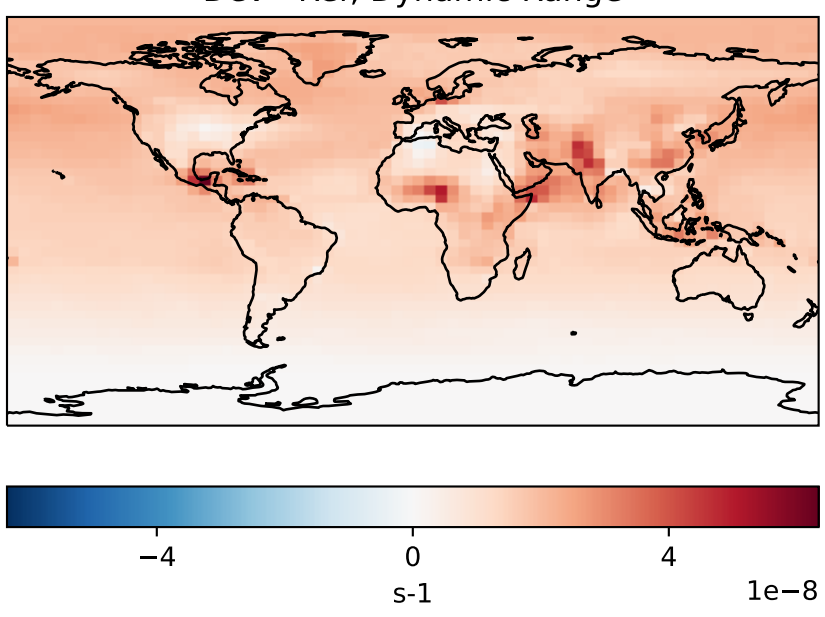
GCC_13.0.0 (Ref)
4.0x5.0



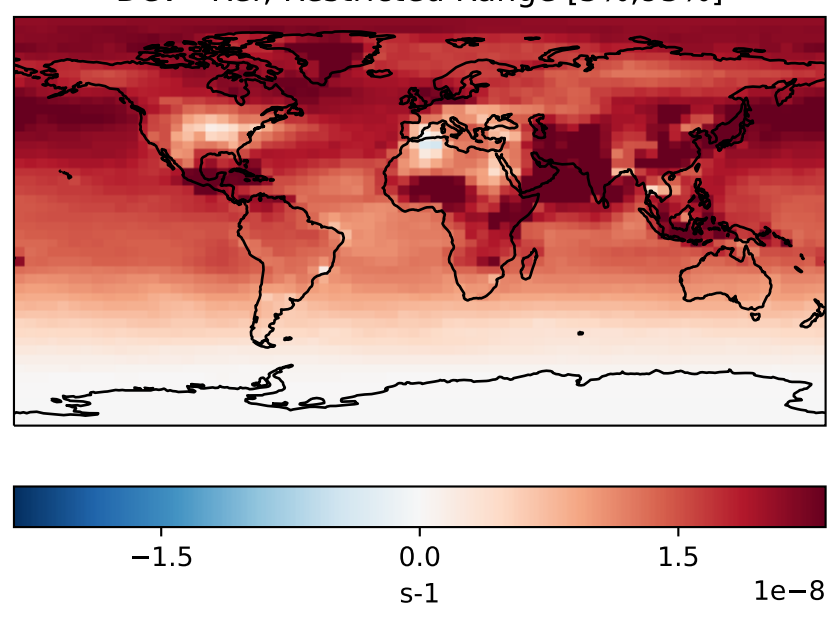

GCC_13.2.0 (Dev)
4.0x5.0



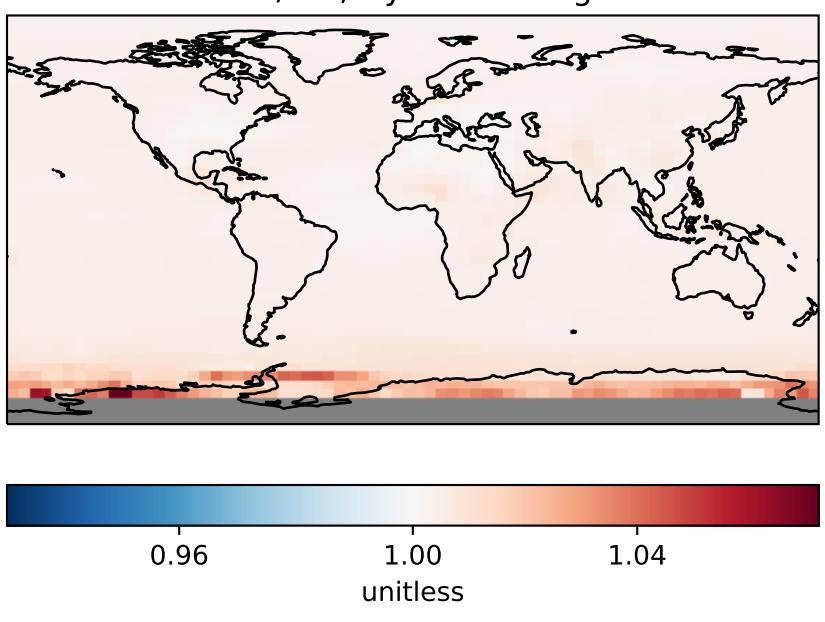

Difference
Dev - Ref, Dynamic Range



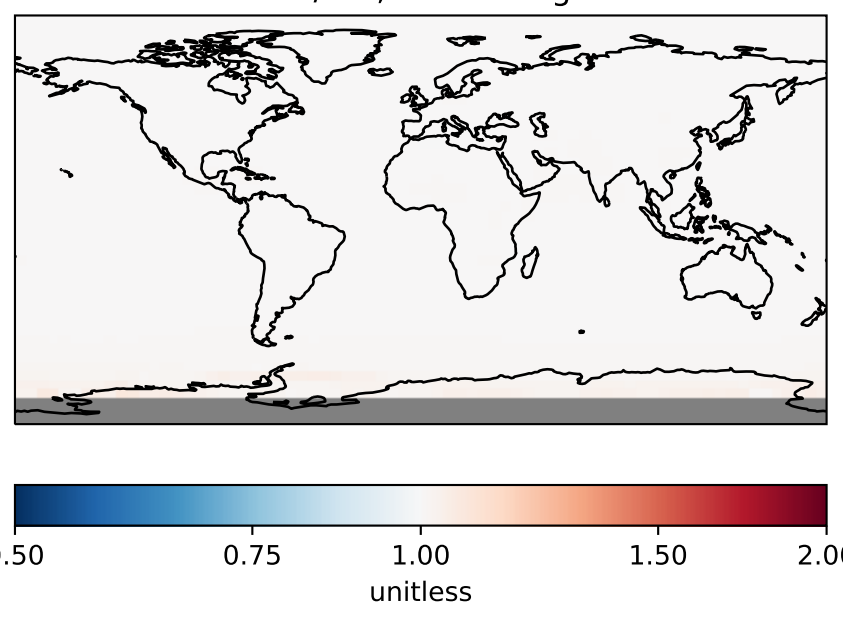

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

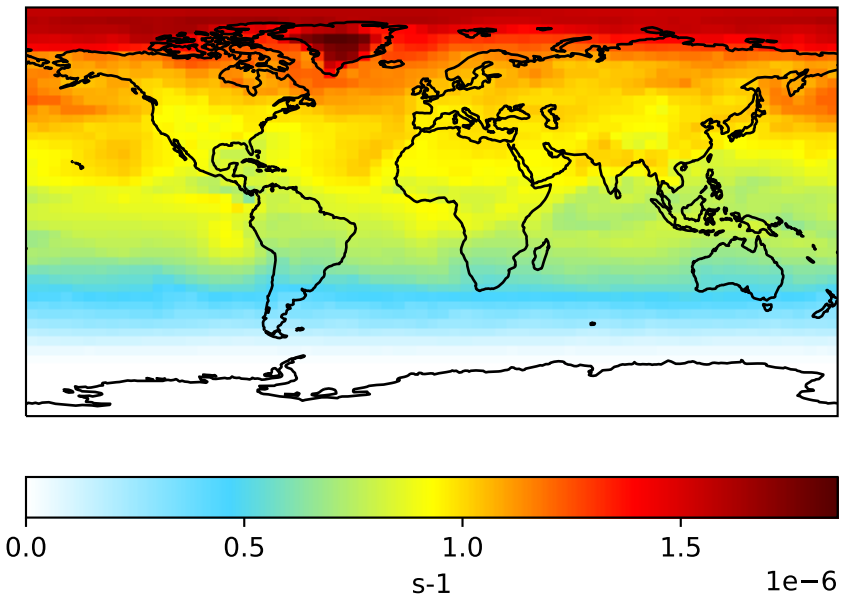



Ratio
Dev/Ref, Fixed Range

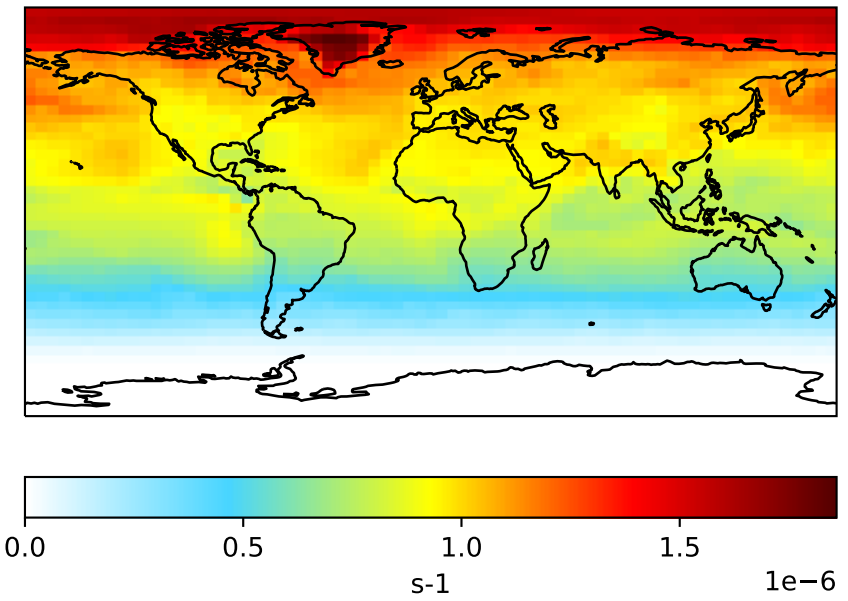


# Jval_MACR (Jul2019)

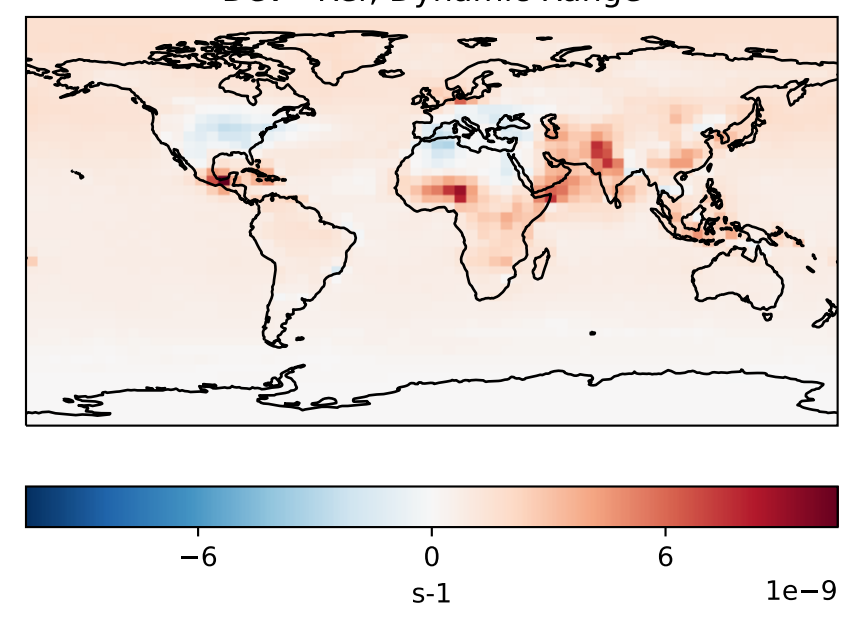
GCC_13.0.0 (Ref)
4.0x5.0



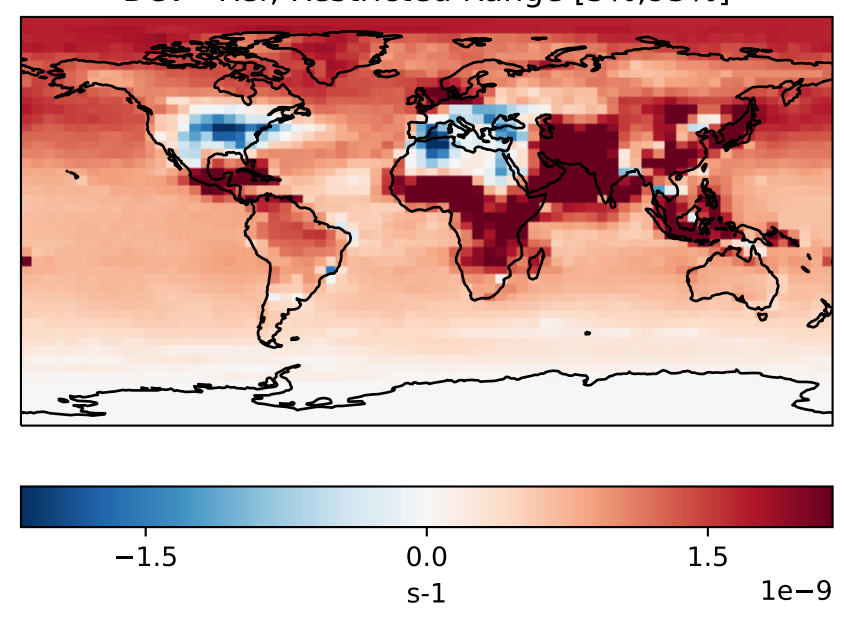

GCC_13.2.0 (Dev)
4.0x5.0



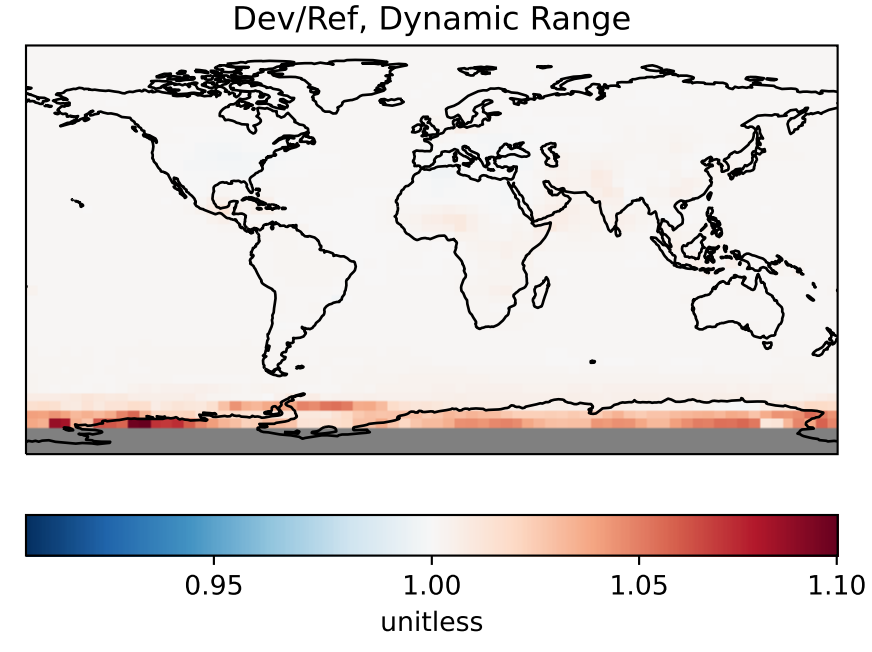

Difference
Dev - Ref, Dynamic Range



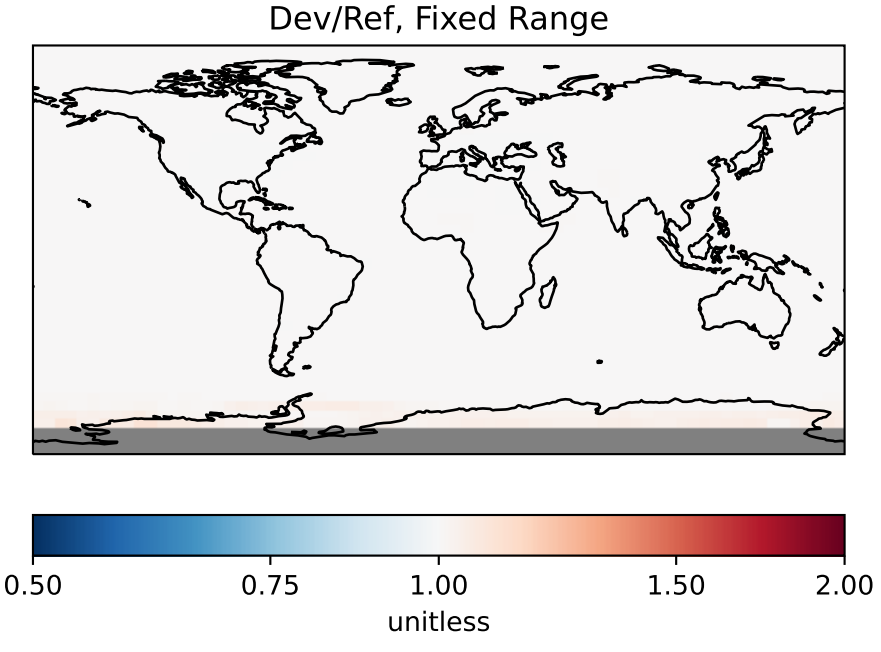

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

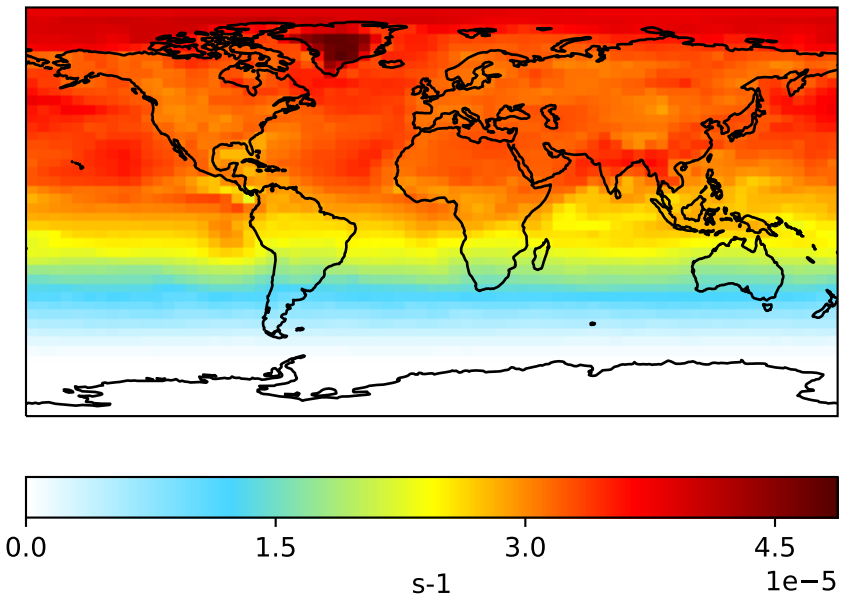



Ratio
Dev/Ref, Fixed Range

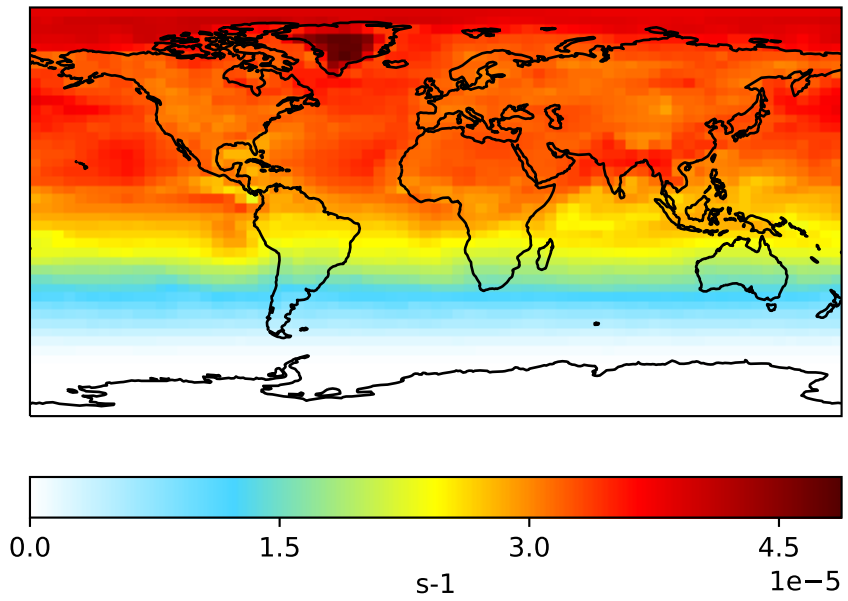


# Jval_MACR1OOH (Jul2019)

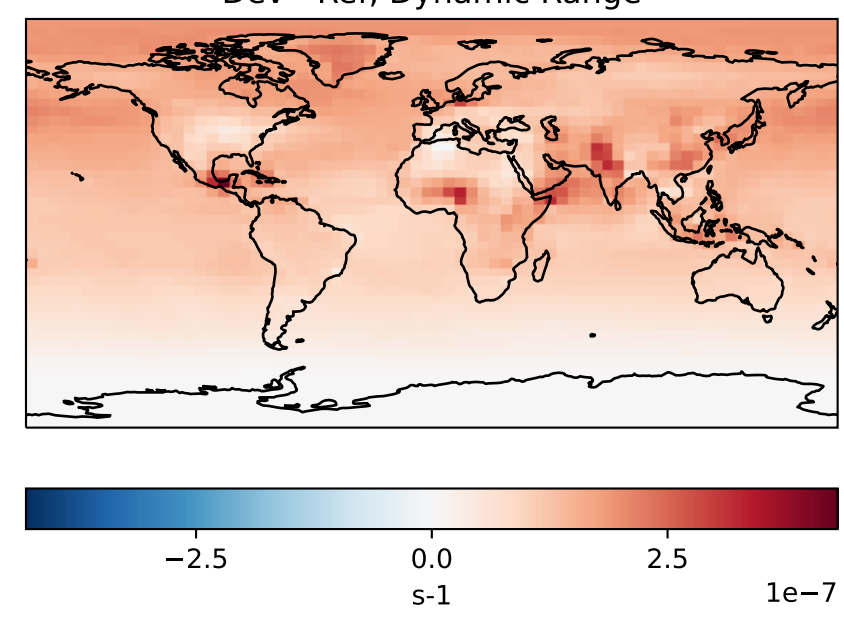
GCC_13.0.0 (Ref)
4.0x5.0



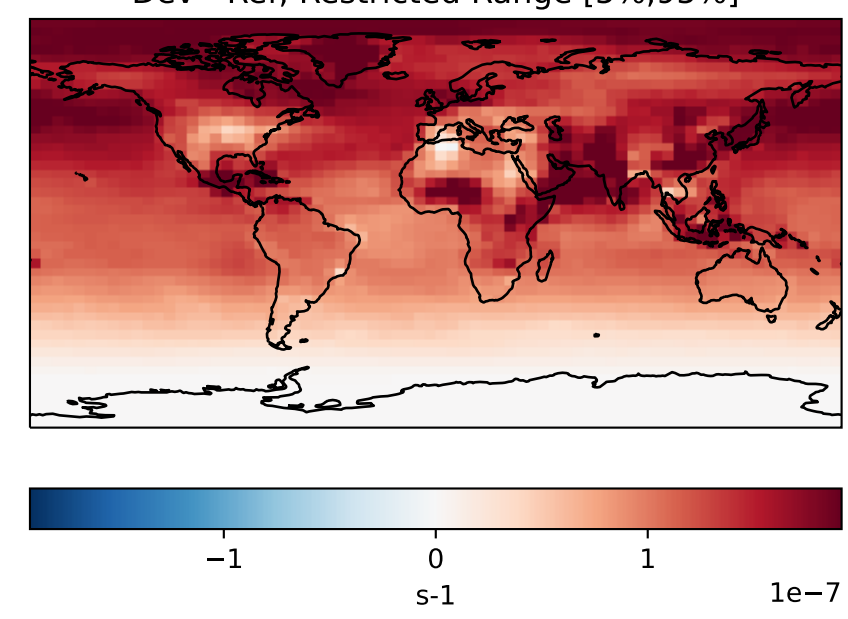

GCC_13.2.0 (Dev)
4.0x5.0



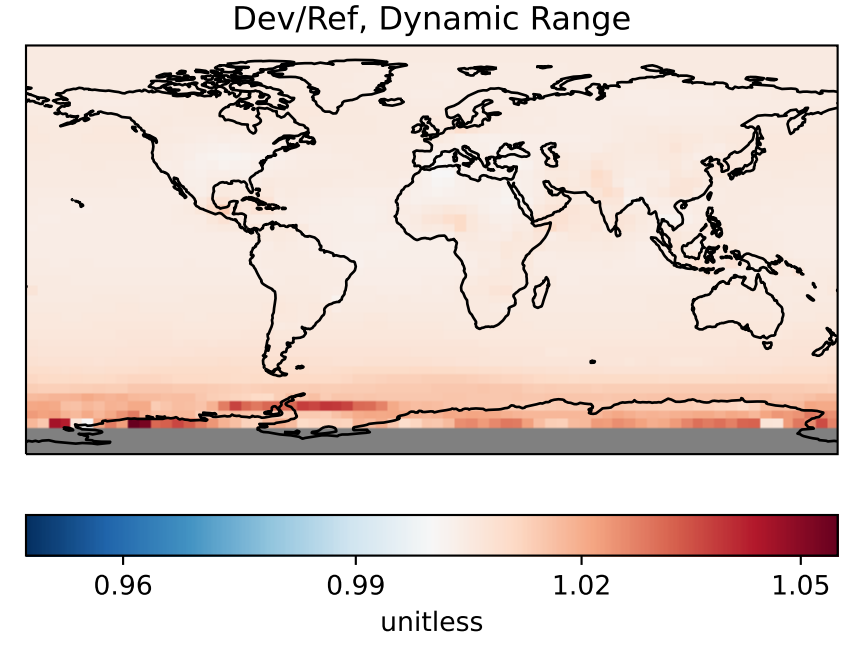

Difference
Dev - Ref, Dynamic Range



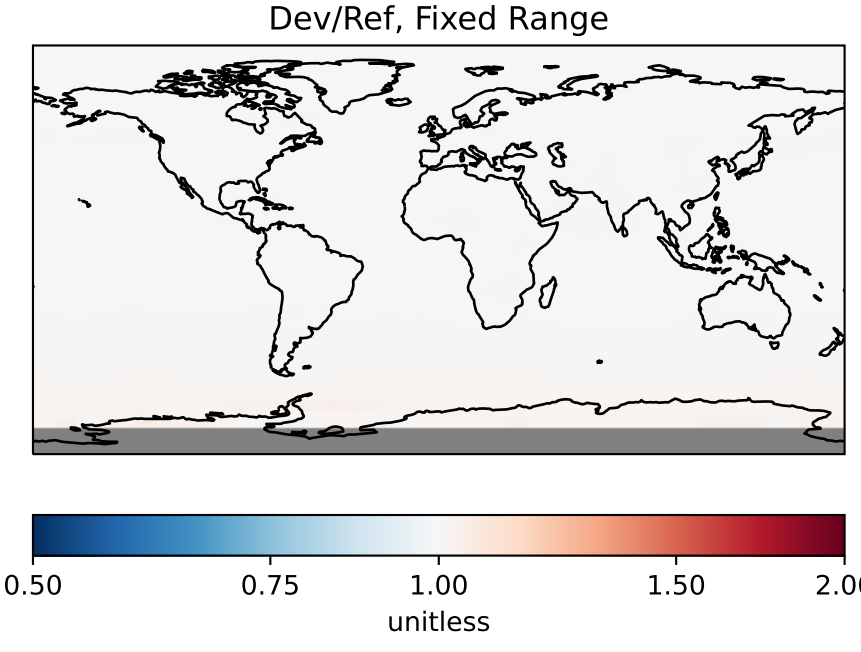

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

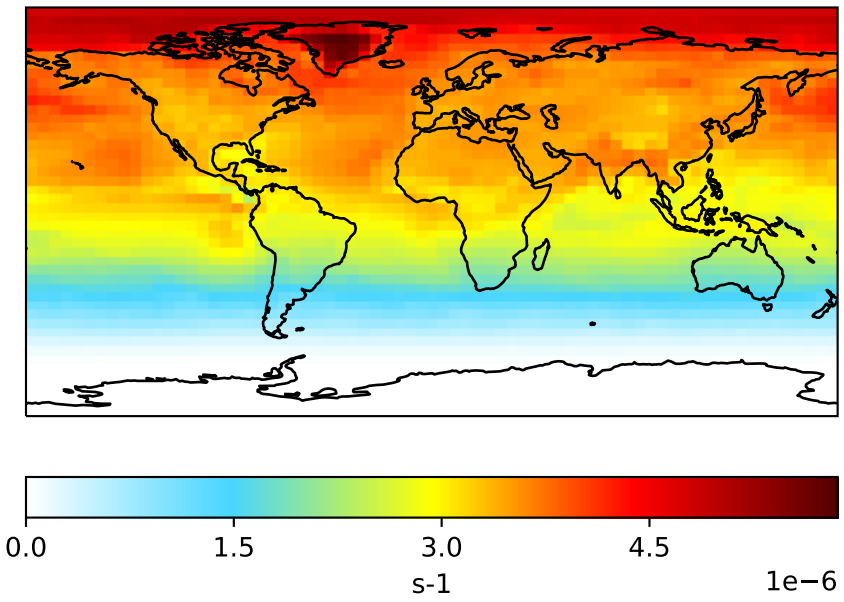



Ratio
Dev/Ref, Fixed Range

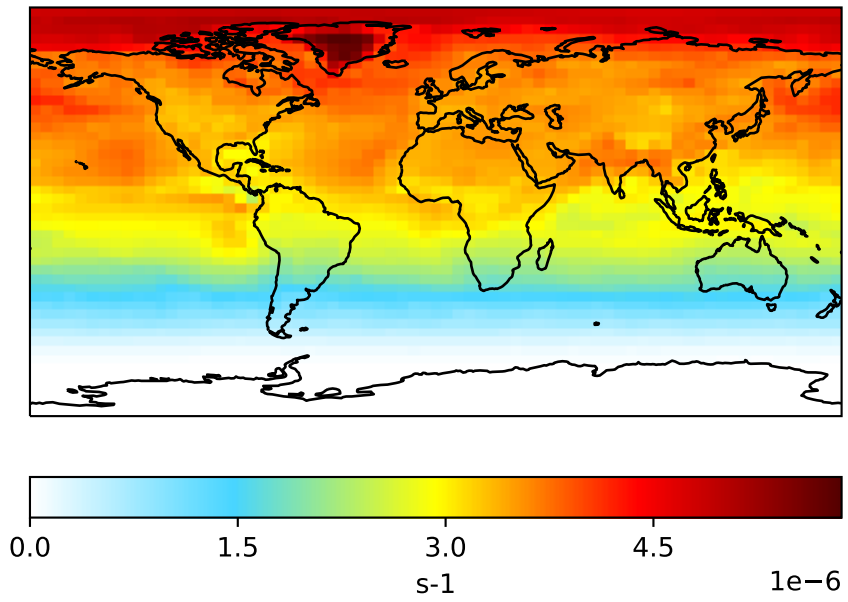


# Jval_MAP (Jul2019)

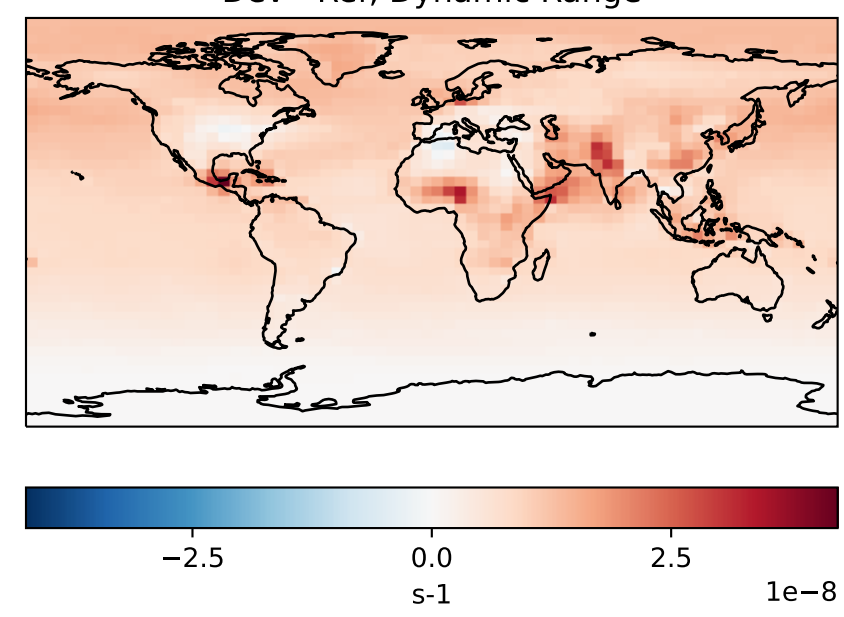
GCC_13.0.0 (Ref)
4.0x5.0



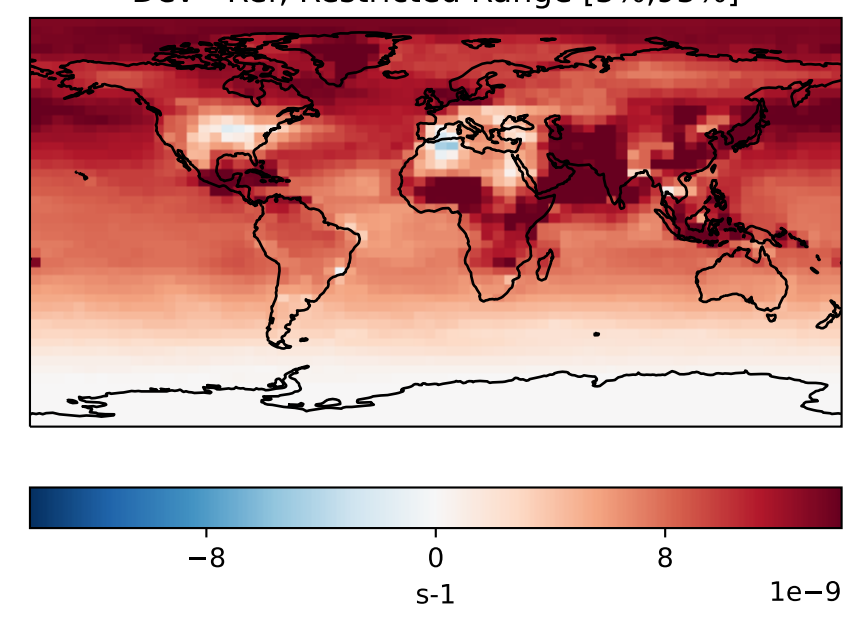

GCC_13.2.0 (Dev)
4.0x5.0



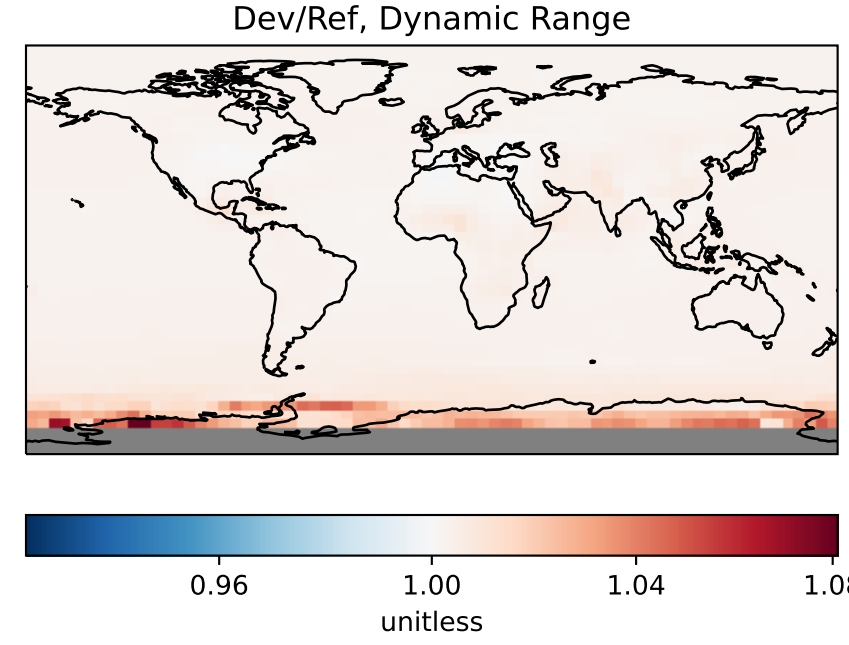

Difference
Dev - Ref, Dynamic Range



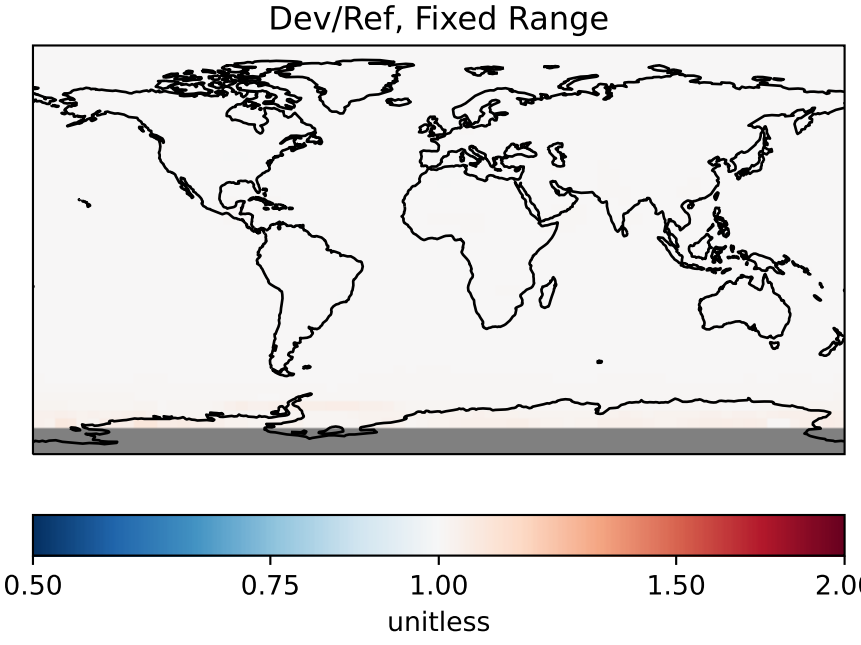

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

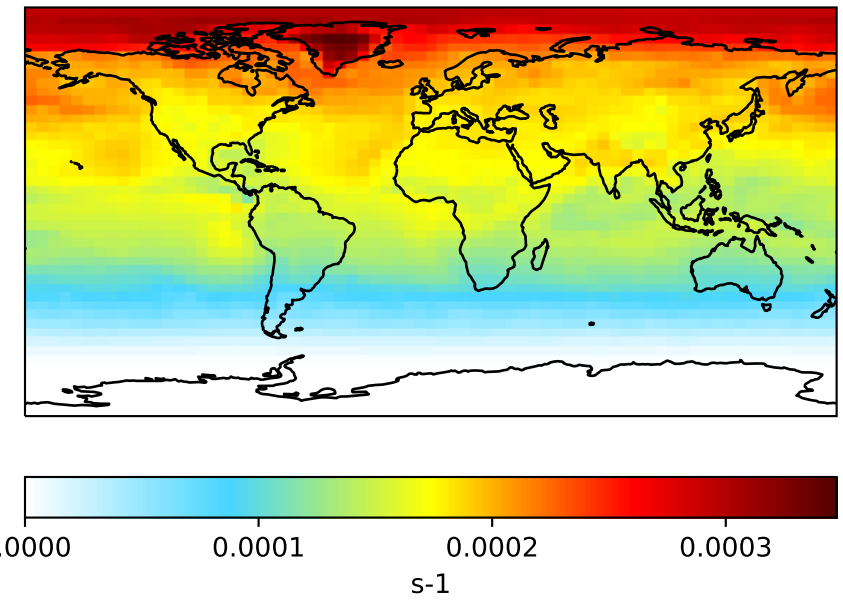



Ratio
Dev/Ref, Fixed Range

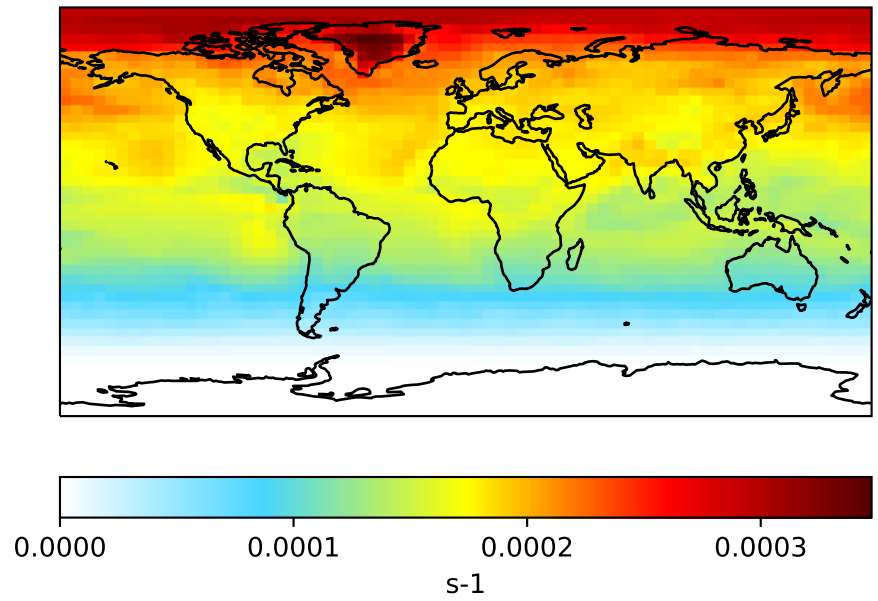


# Jval_MCRENOL (Jul2019)

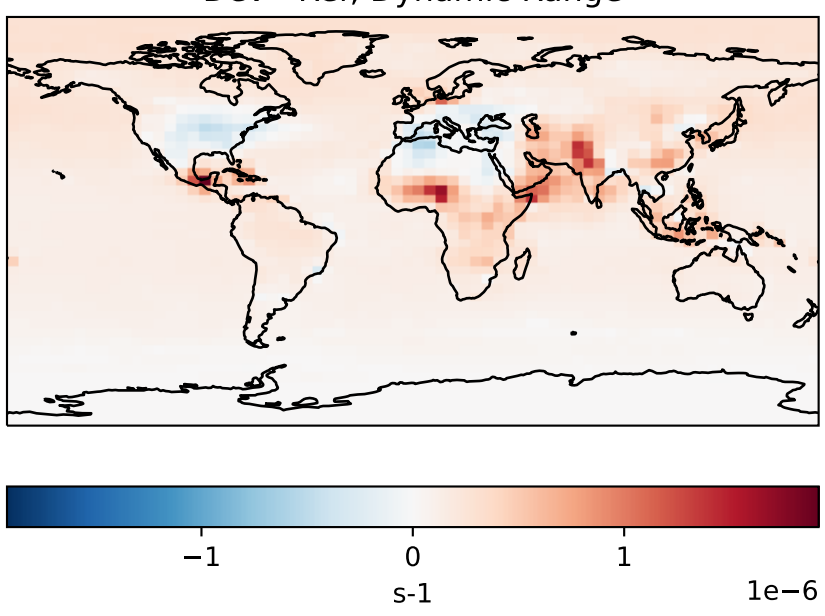
GCC_13.0.0 (Ref)
4.0x5.0



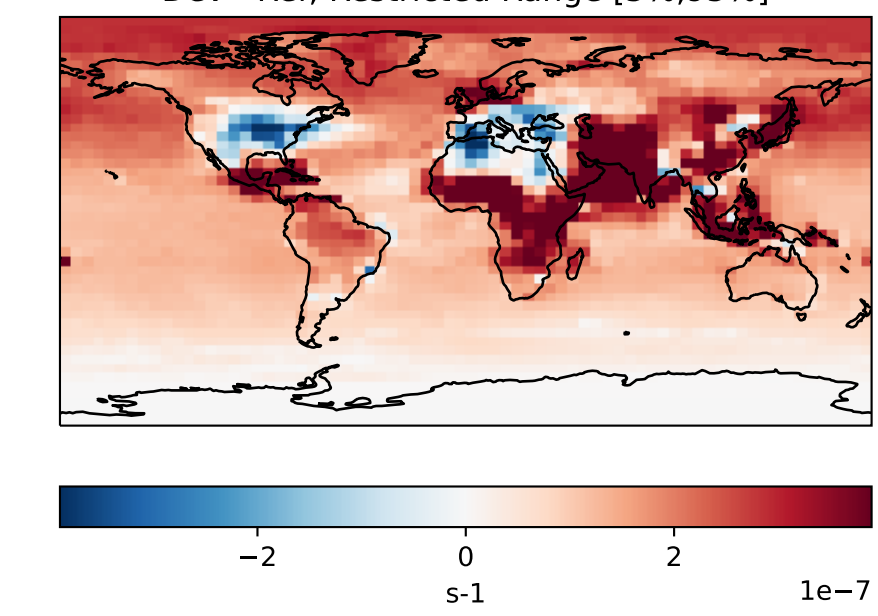

GCC_13.2.0 (Dev)
4.0x5.0



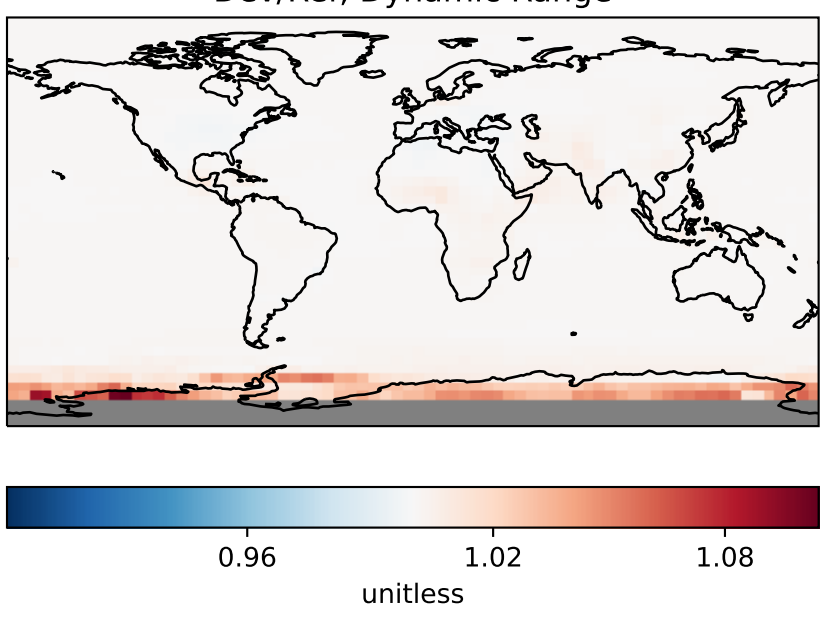

Difference
Dev - Ref, Dynamic Range



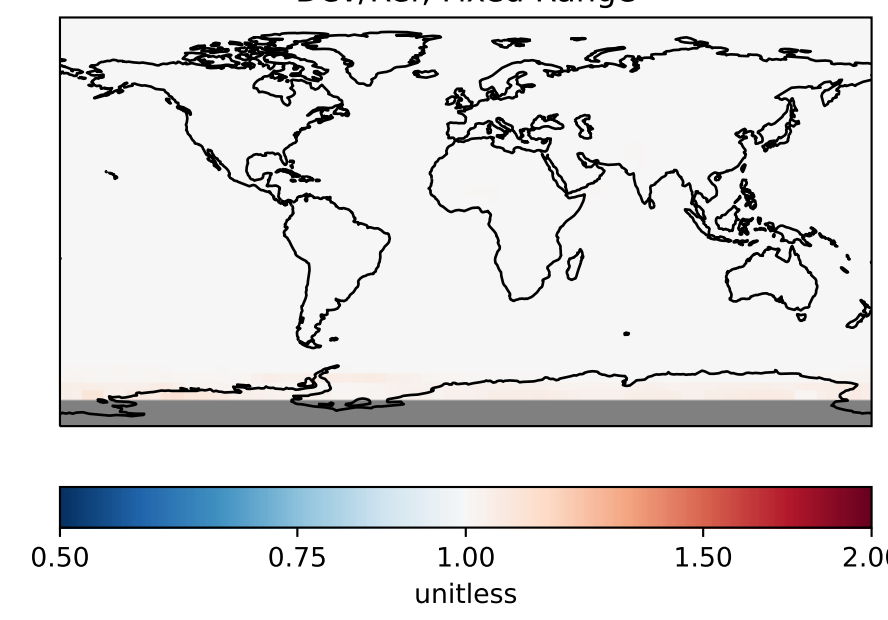

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

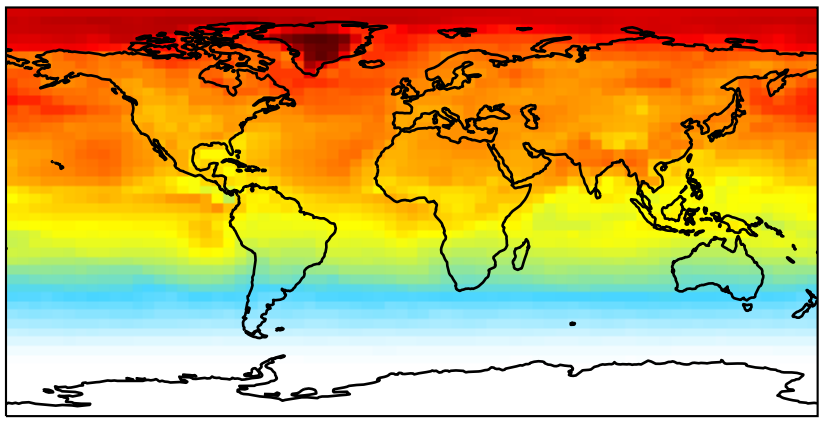


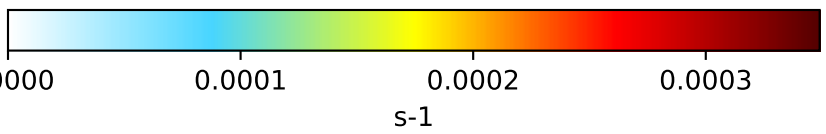

Ratio
Dev/Ref, Fixed Range



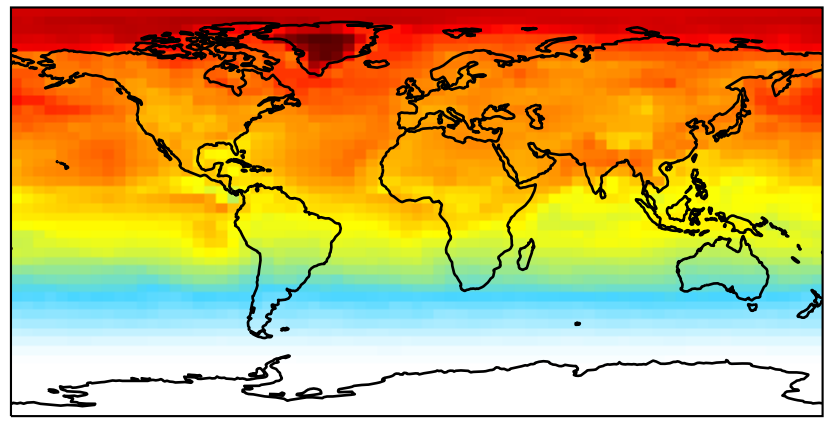
# Jval_MCRHN (Jul2019)

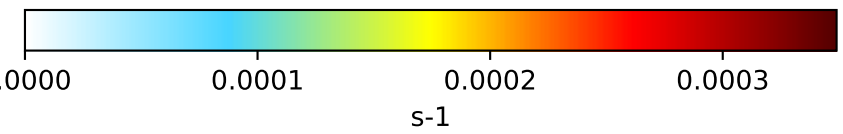
GCC_13.0.0 (Ref)
4.0x5.0



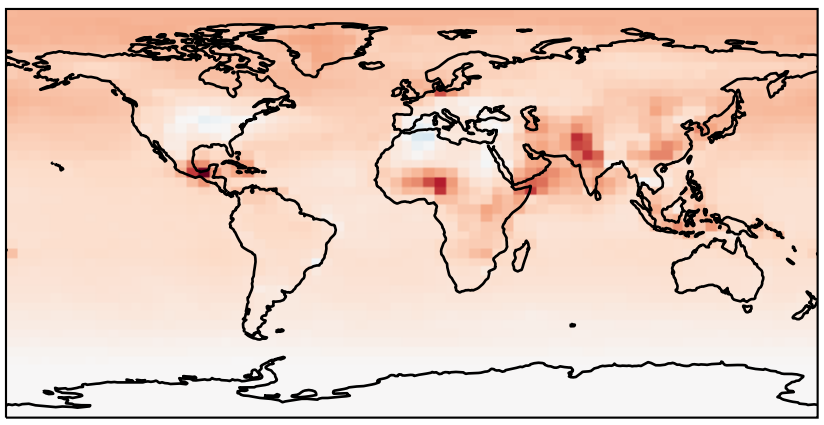


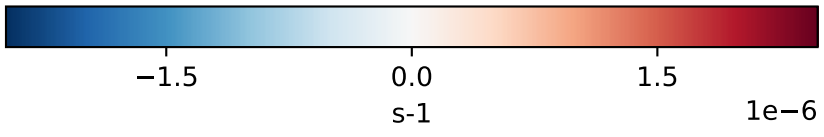

GCC_13.2.0 (Dev)
4.0x5.0



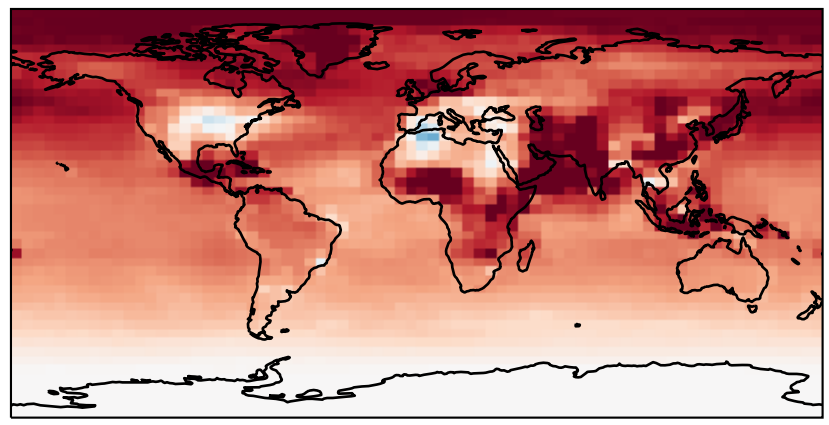


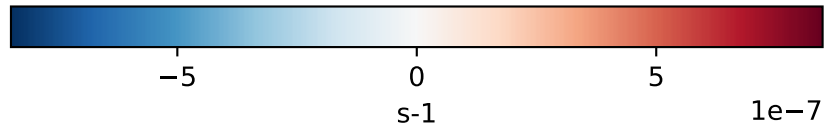

Difference
Dev - Ref, Dynamic Range



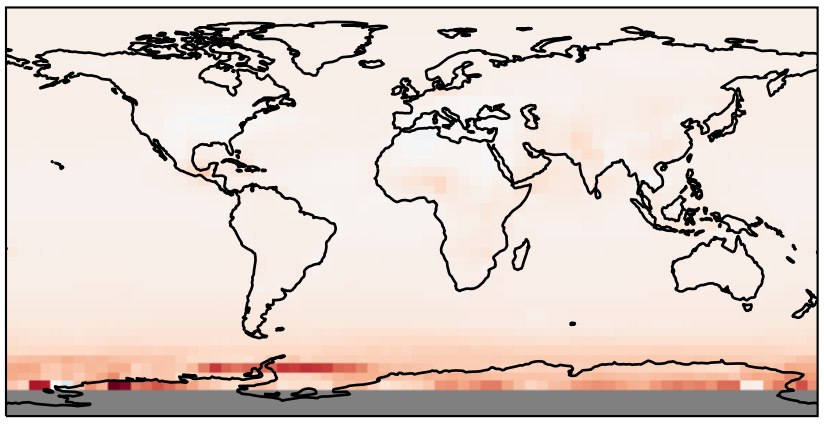


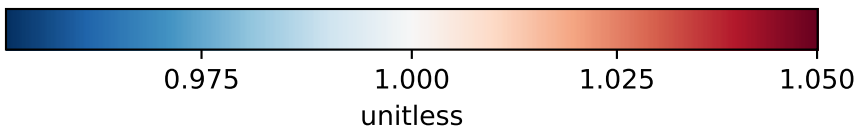

Difference
Dev - Ref, Restricted Range [5%,95%]



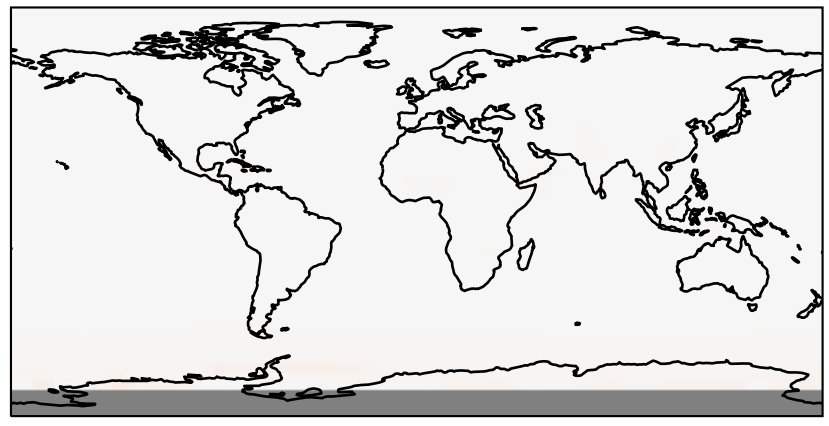


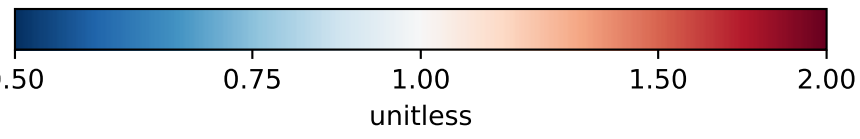

Ratio
Dev/Ref, Dynamic Range





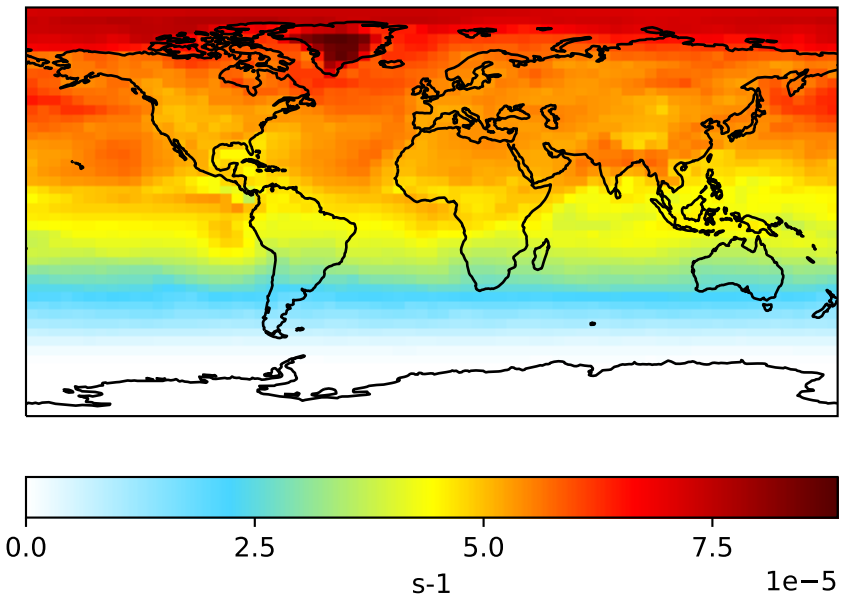

Ratio
Dev/Ref, Fixed Range



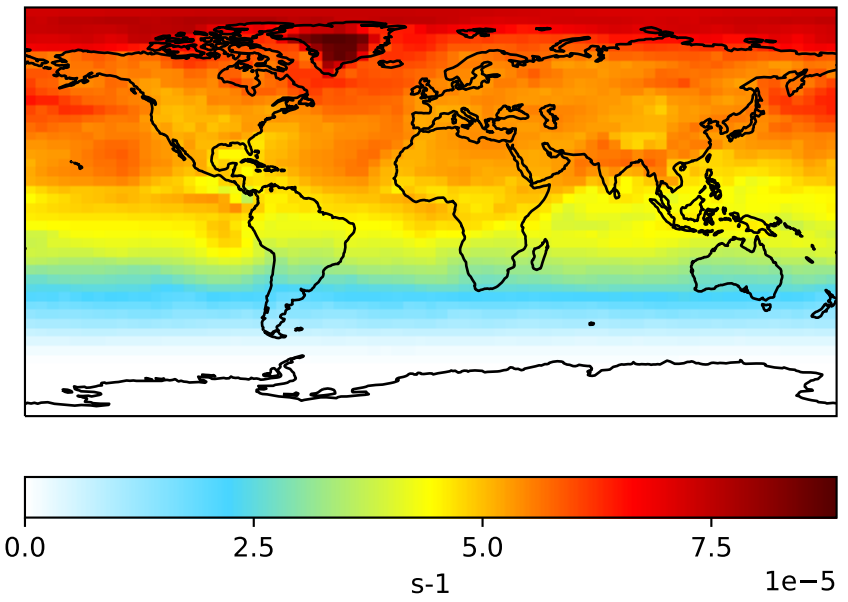


# Jval_MCRHNB (Jul2019)

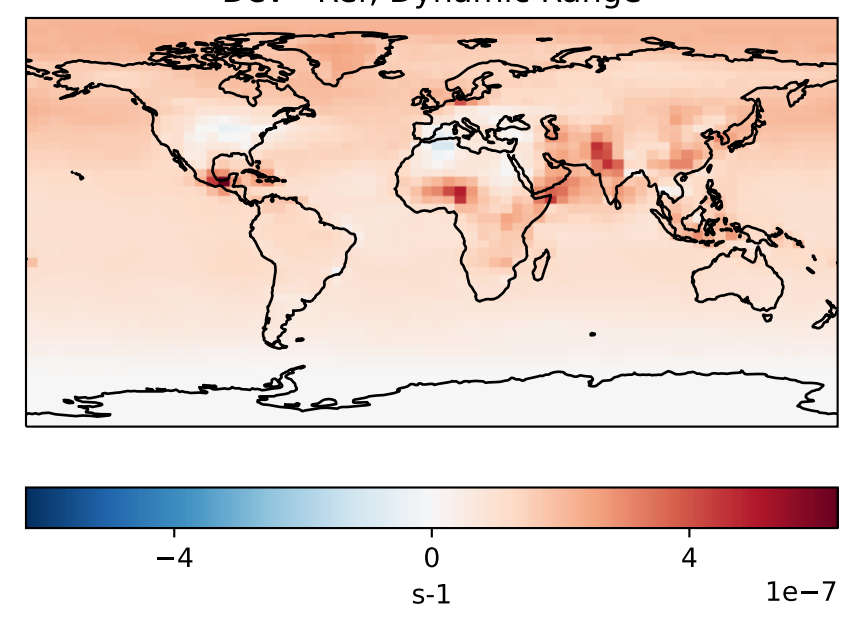
GCC_13.0.0 (Ref)
4.0x5.0



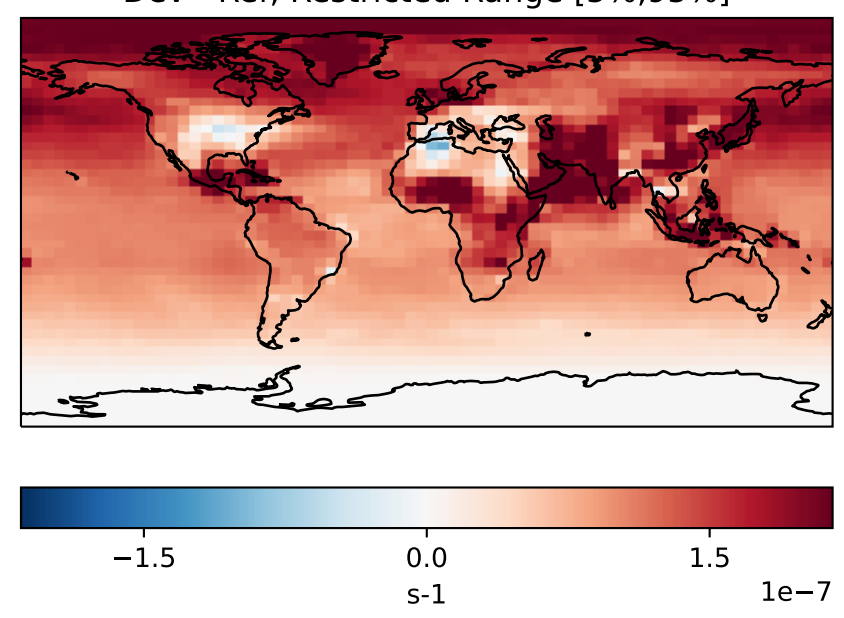

GCC_13.2.0 (Dev)
4.0x5.0



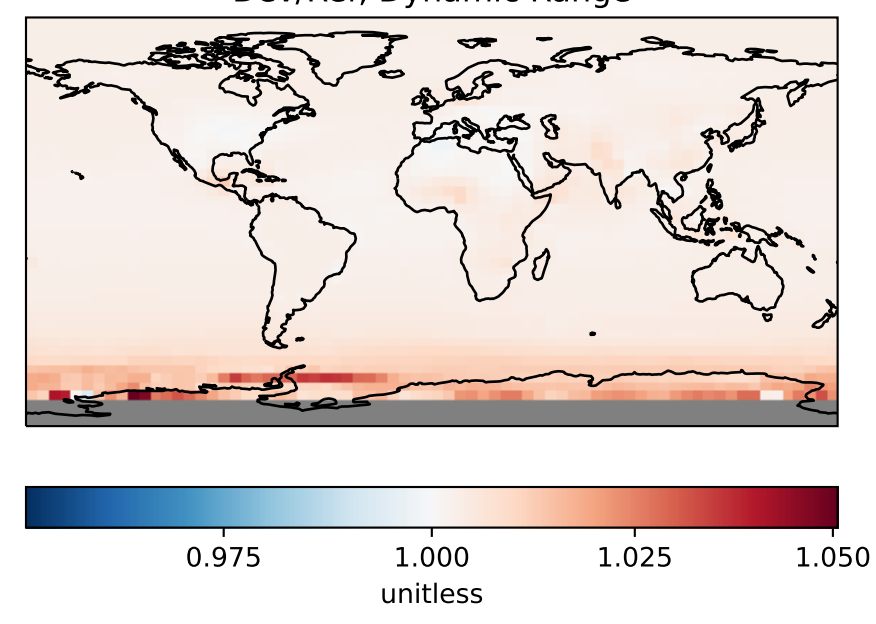

Difference
Dev - Ref, Dynamic Range



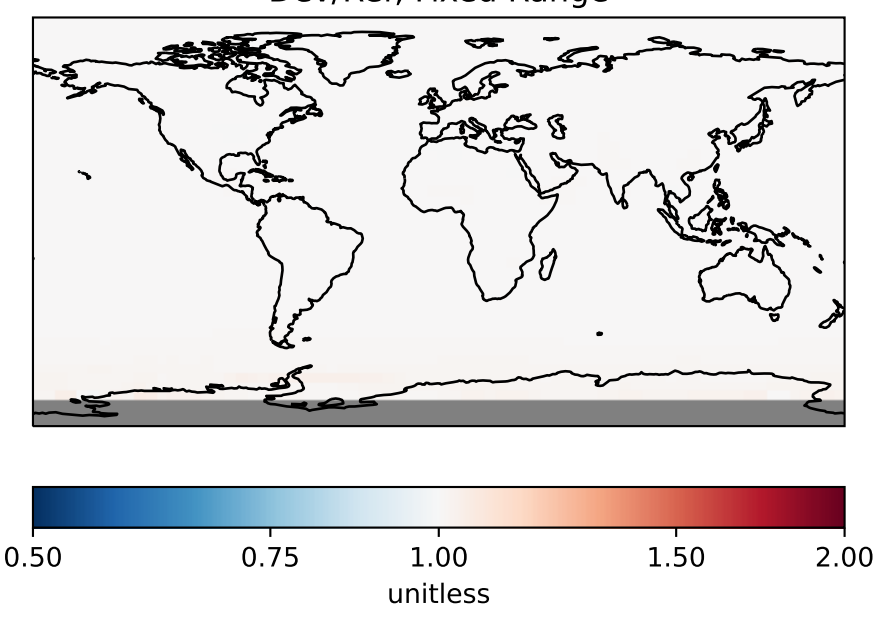

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

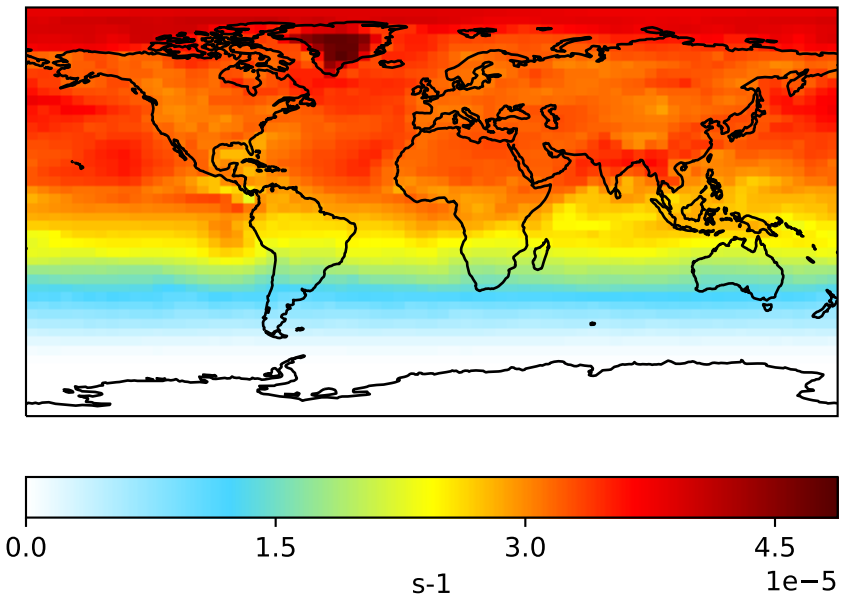



Ratio
Dev/Ref, Fixed Range

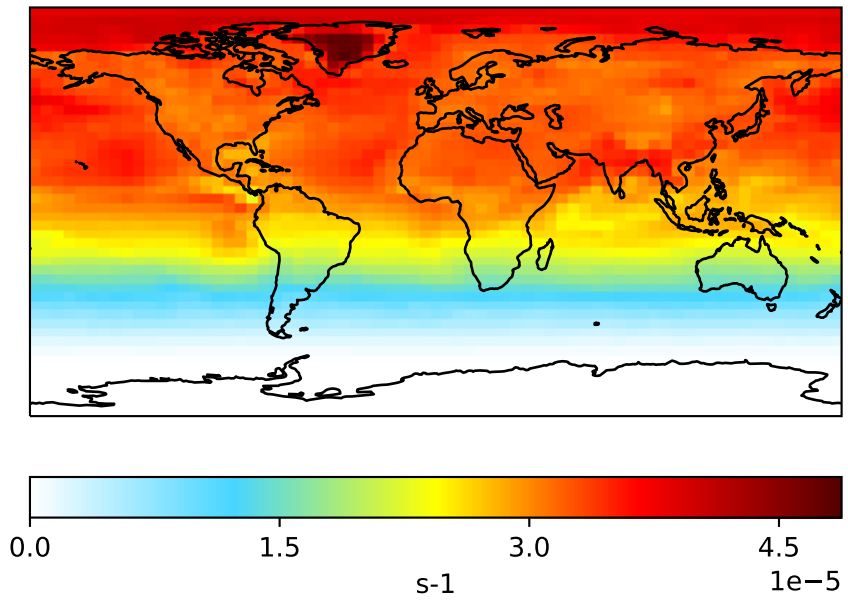


# Jval_MCRHP (Jul2019)

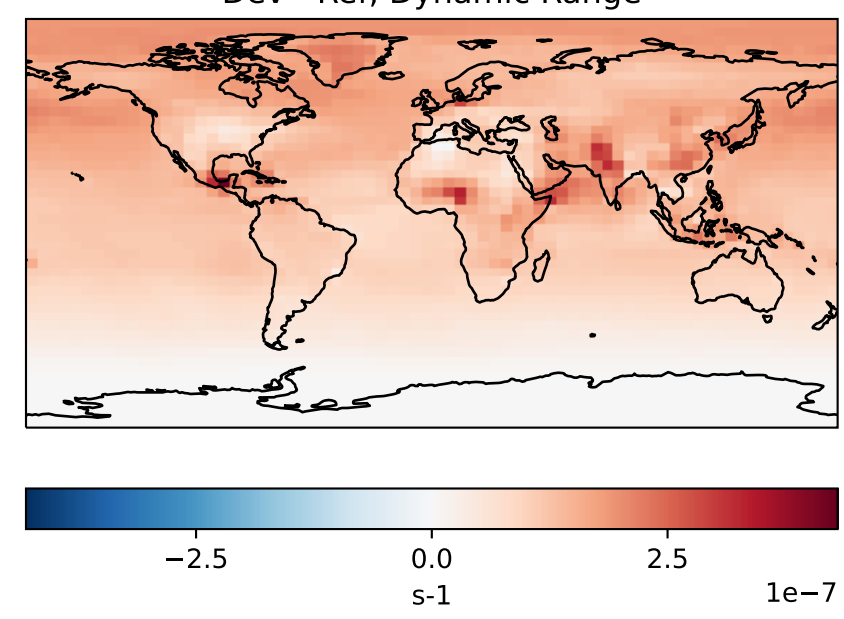
GCC_13.0.0 (Ref)
4.0x5.0



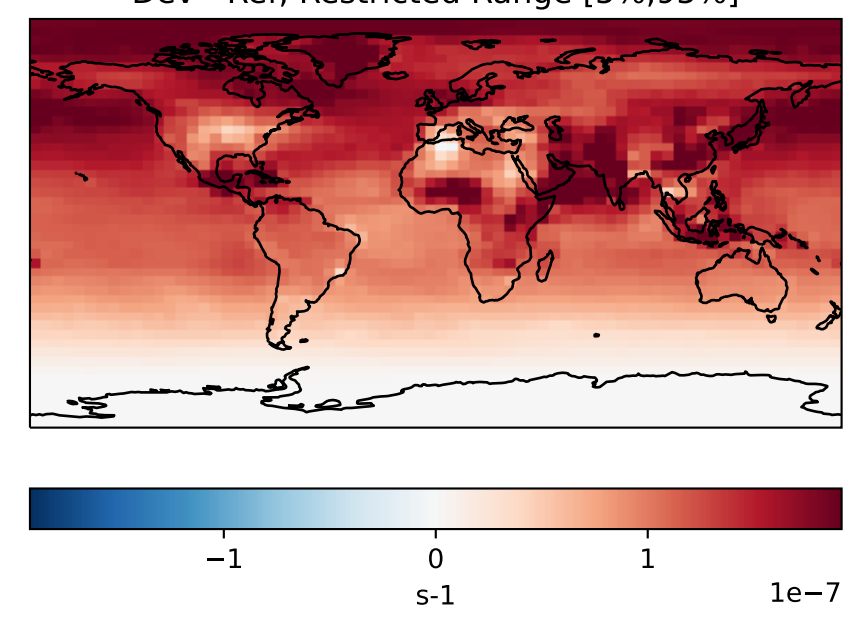

GCC_13.2.0 (Dev)
4.0x5.0



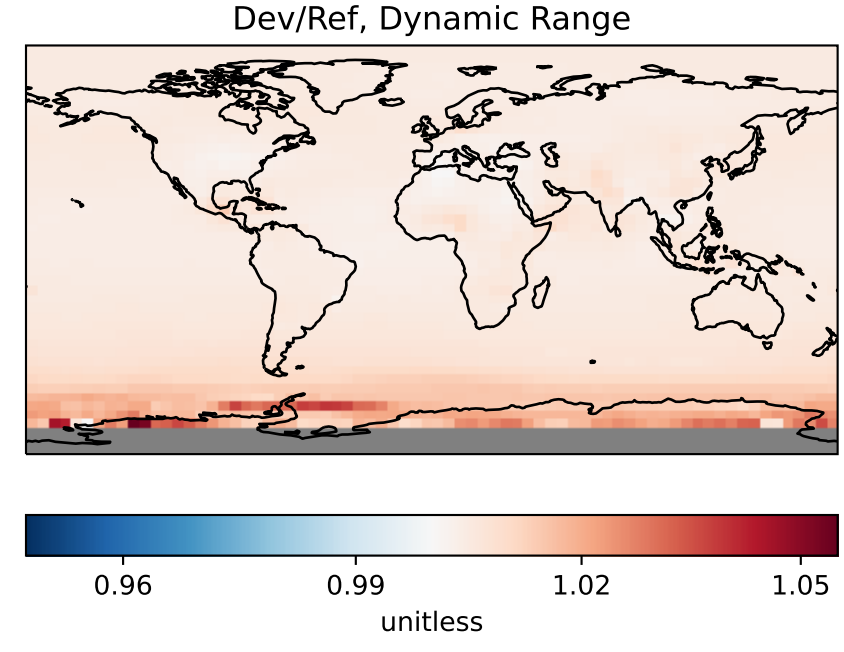

Difference
Dev - Ref, Dynamic Range



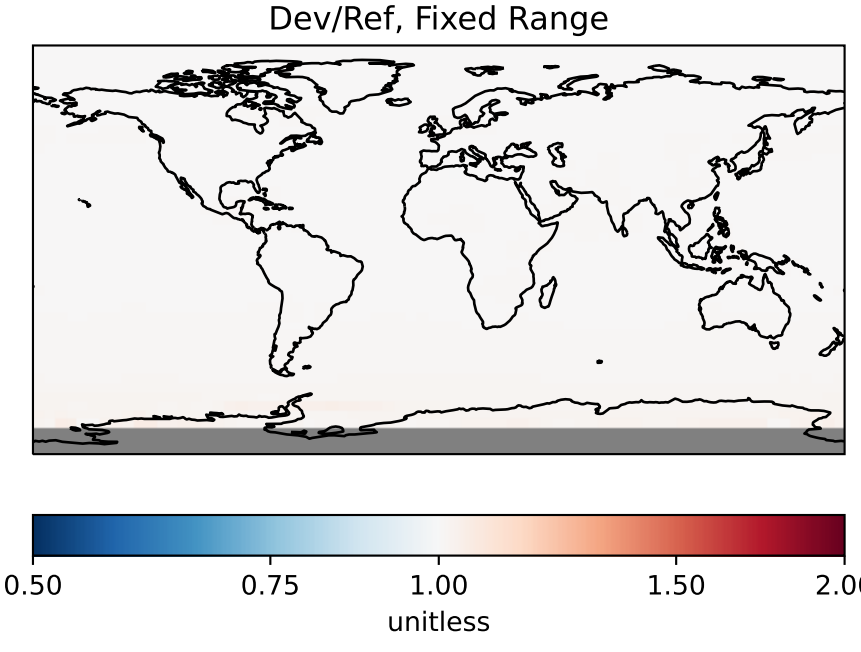

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

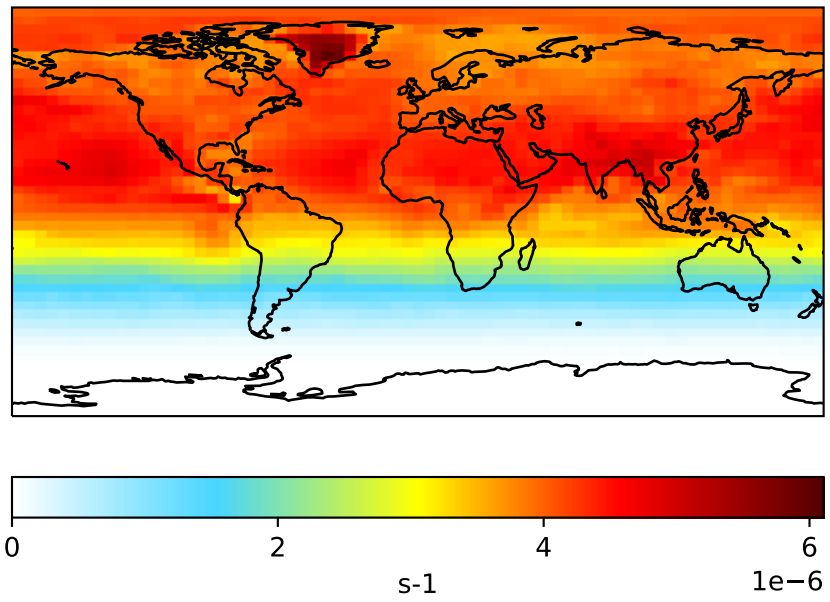



Ratio
Dev/Ref, Fixed Range

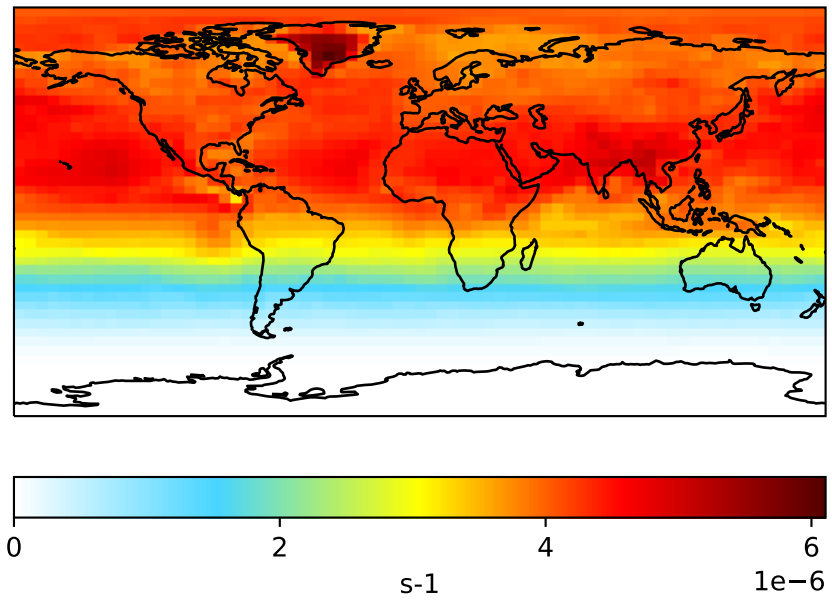


# Jval_MEK (Jul2019)

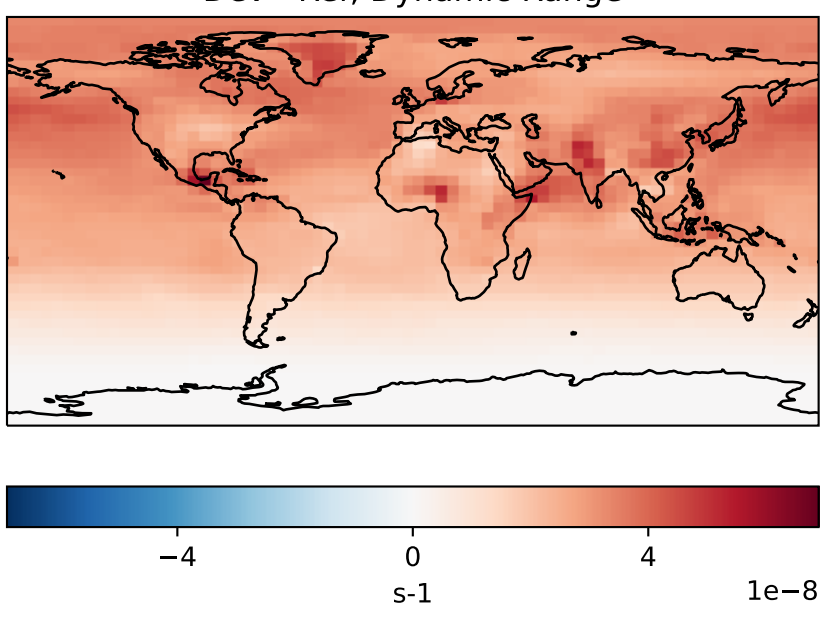
GCC_13.0.0 (Ref)
4.0x5.0



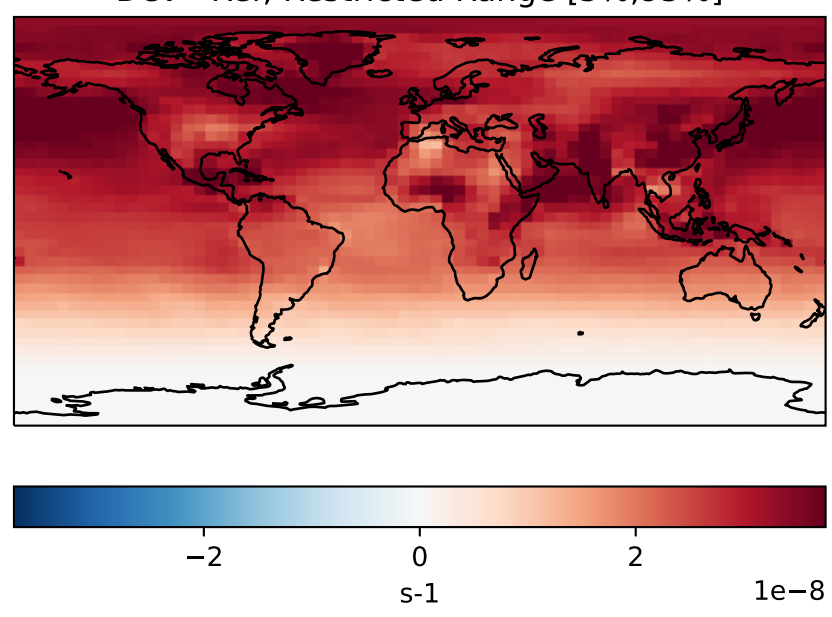

GCC_13.2.0 (Dev)
4.0x5.0



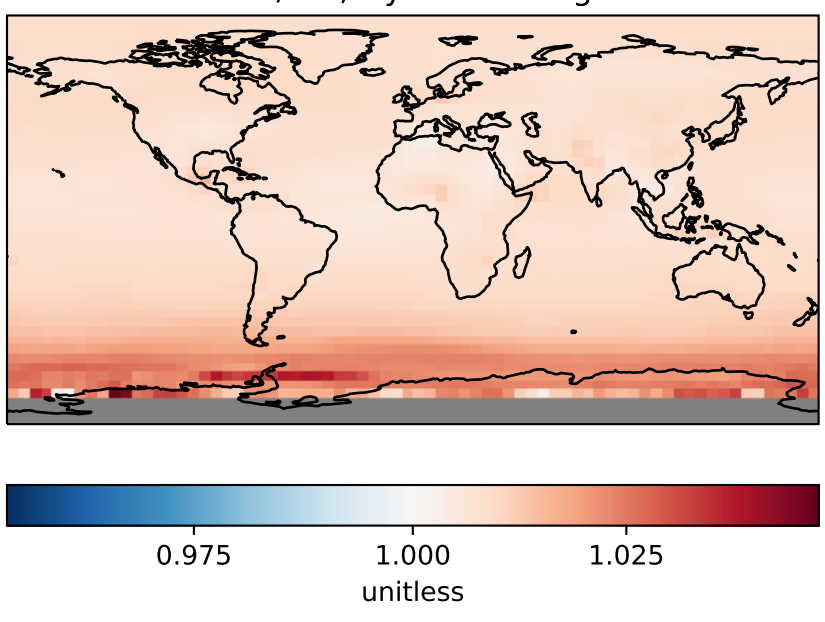

Difference
Dev - Ref, Dynamic Range



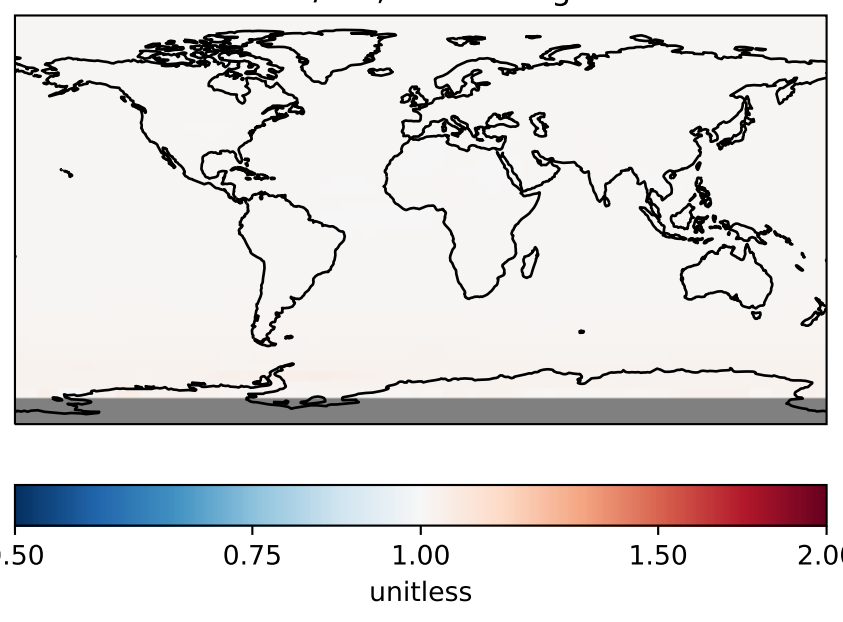

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

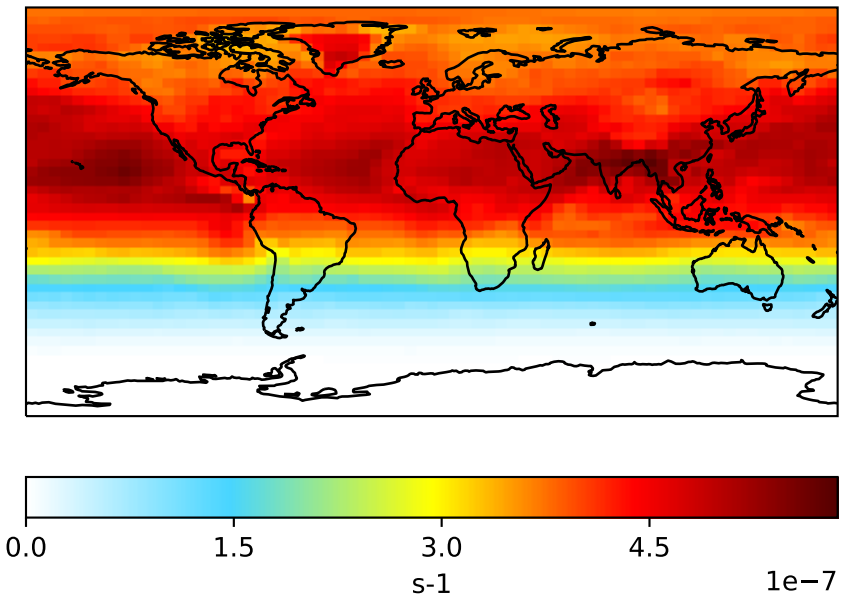



Ratio
Dev/Ref, Fixed Range

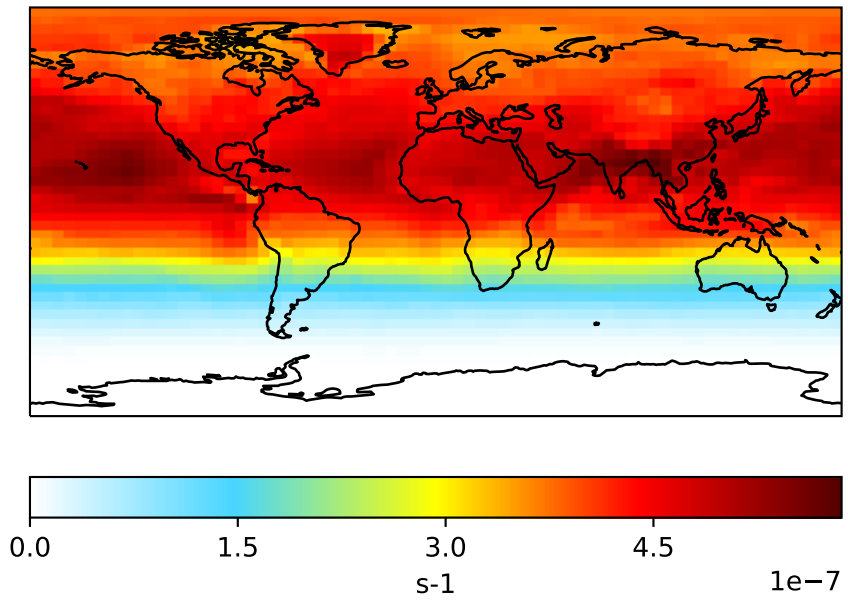


# Jval_MENO3 (Jul2019)

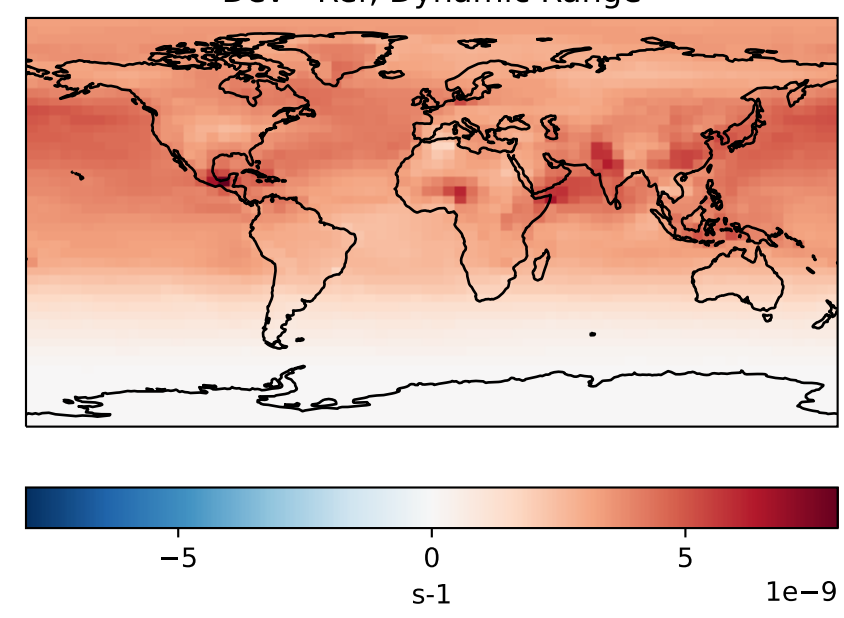
GCC_13.0.0 (Ref)
4.0x5.0



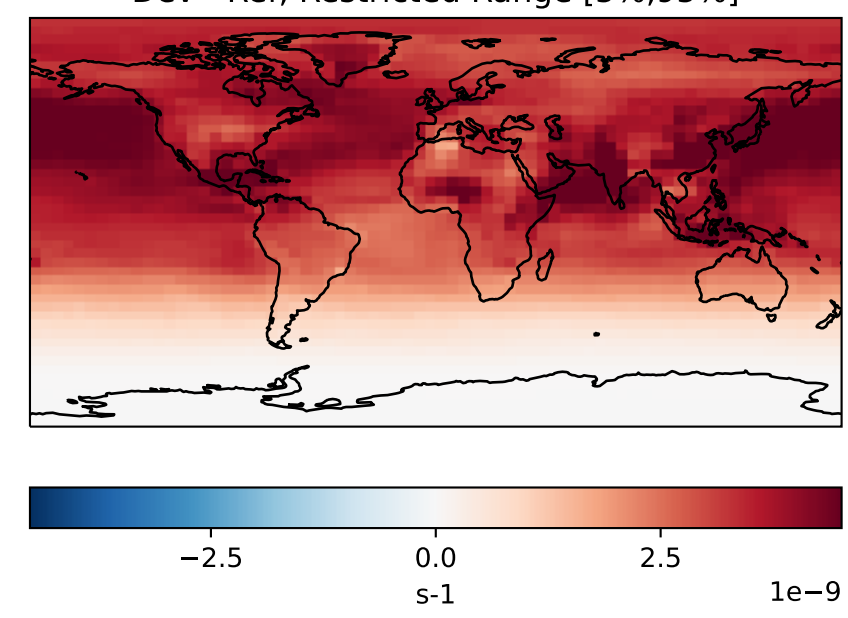

GCC_13.2.0 (Dev)
4.0x5.0



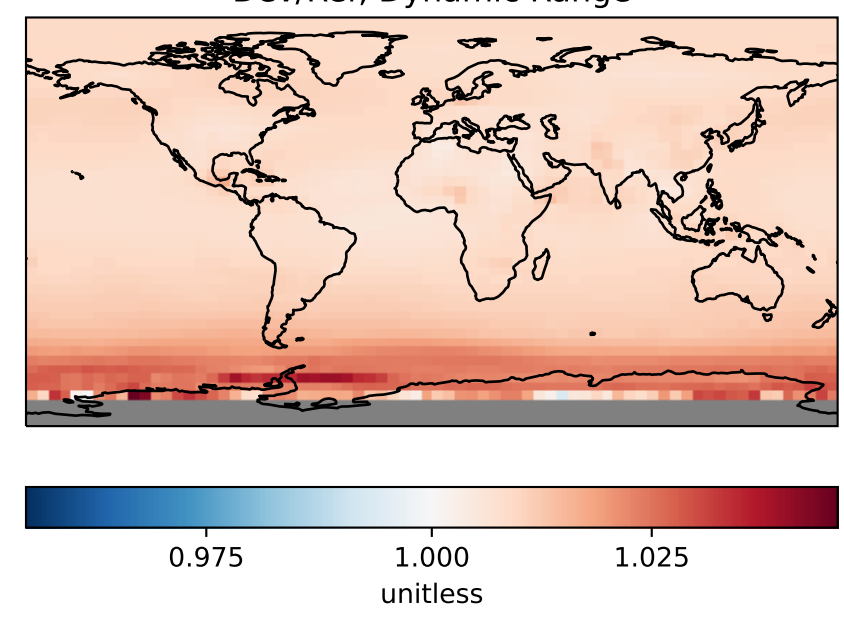

Difference
Dev - Ref, Dynamic Range



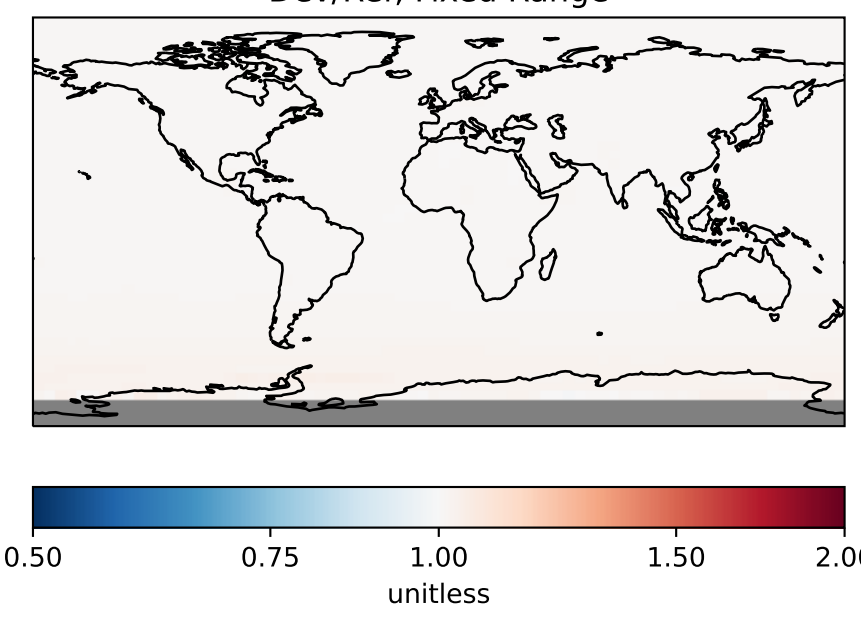

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

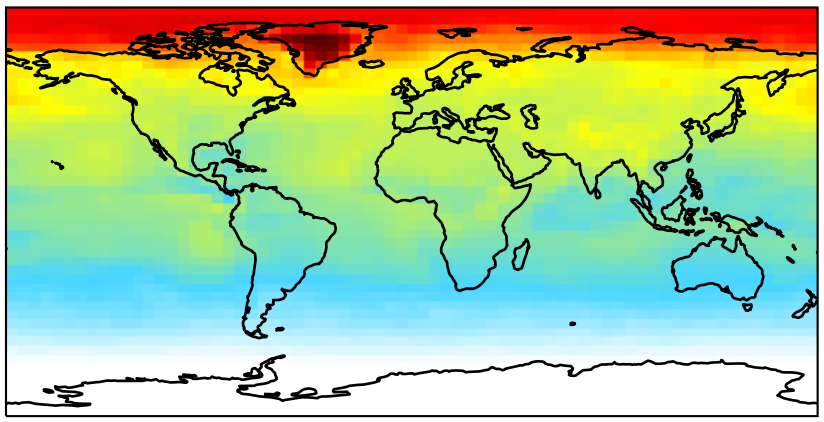


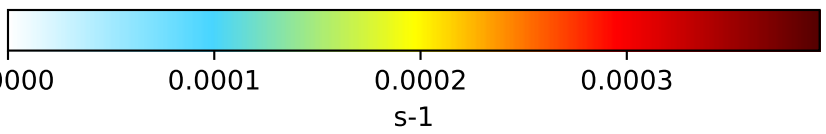

Ratio
Dev/Ref, Fixed Range



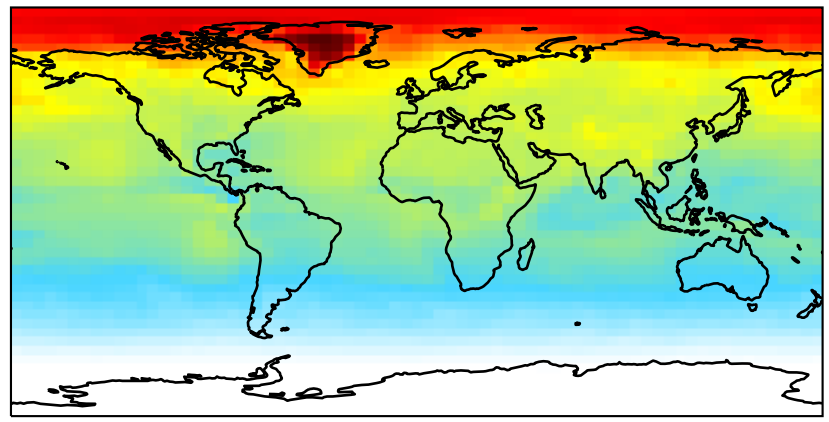
# Jval_MGLY (Jul2019)

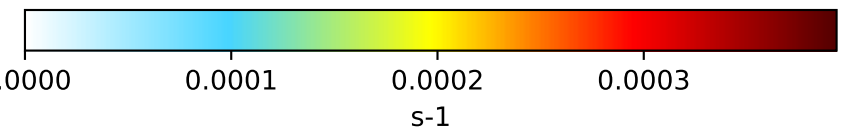
GCC_13.0.0 (Ref)
4.0x5.0



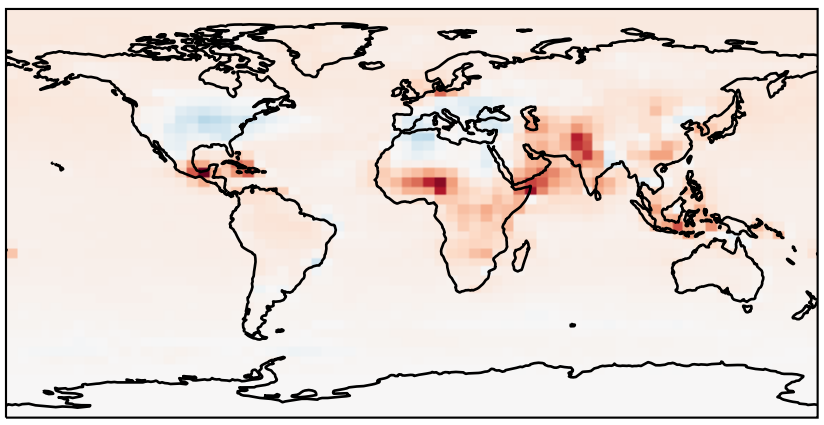


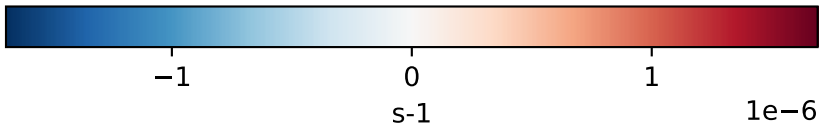

GCC_13.2.0 (Dev)
4.0x5.0



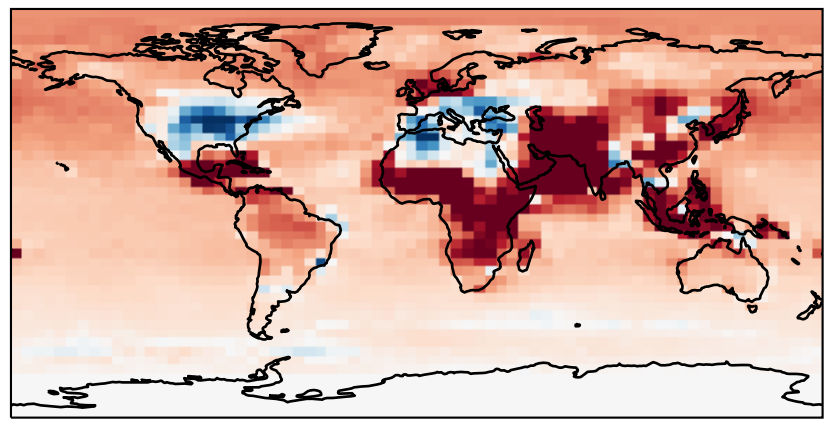


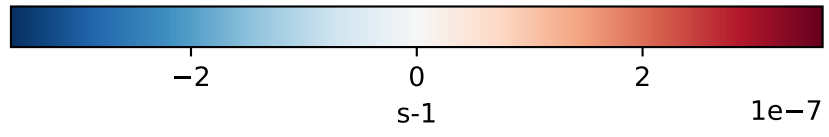

Difference
Dev - Ref, Dynamic Range



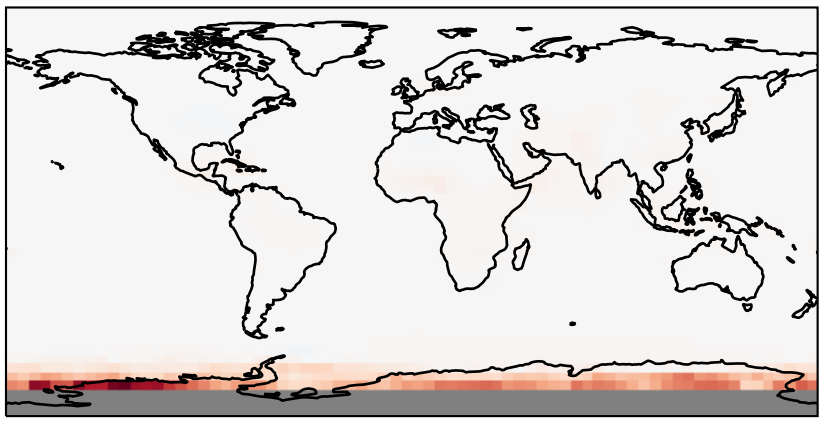



Difference
Dev - Ref, Restricted Range [5%,95%]



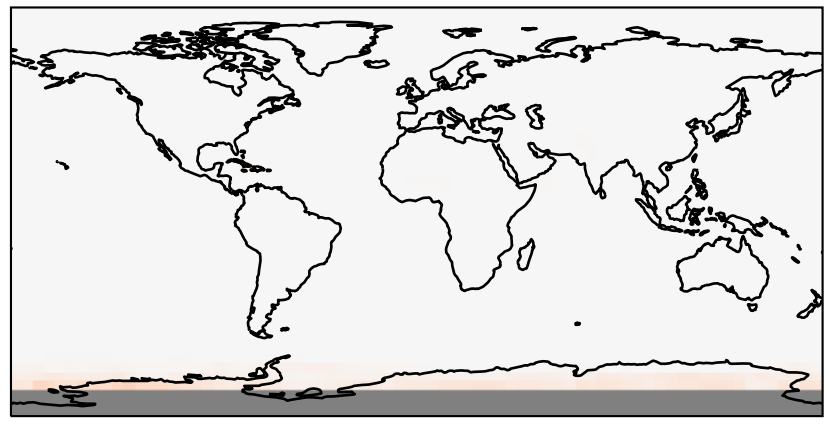


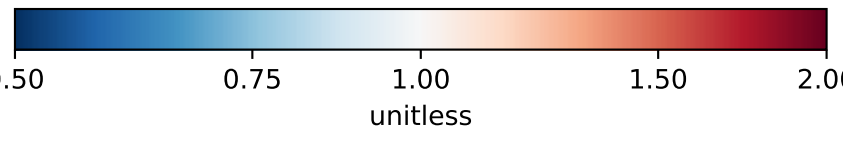

Ratio
Dev/Ref, Dynamic Range





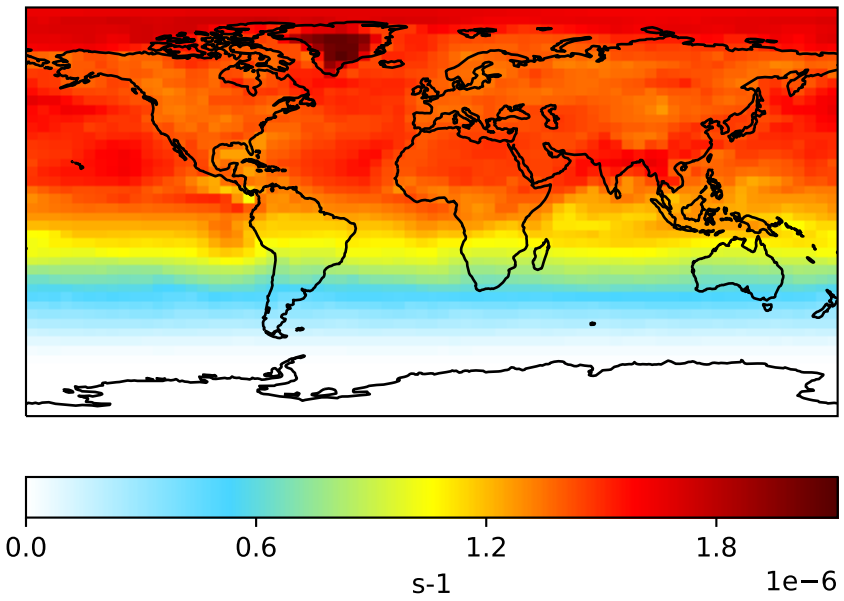

Ratio
Dev/Ref, Fixed Range



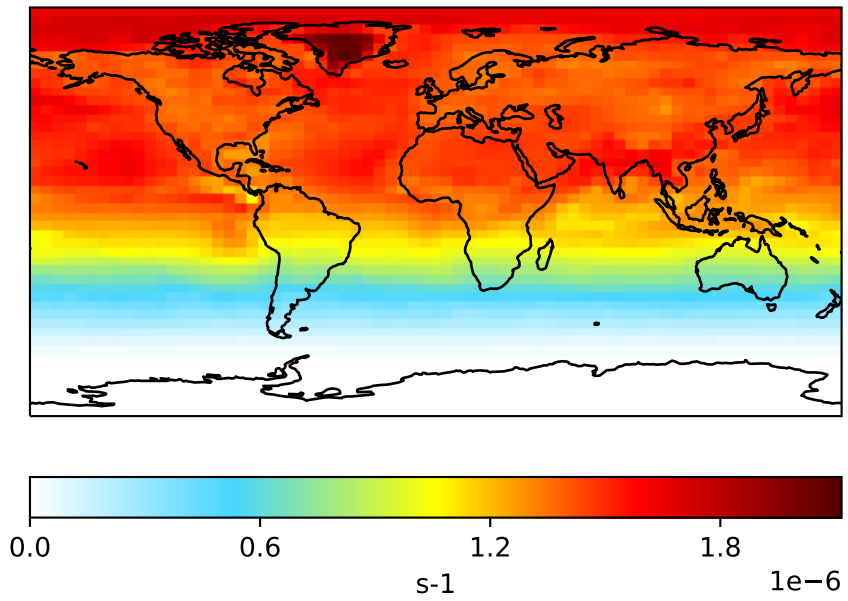


# Jval_MONITS (Jul2019)

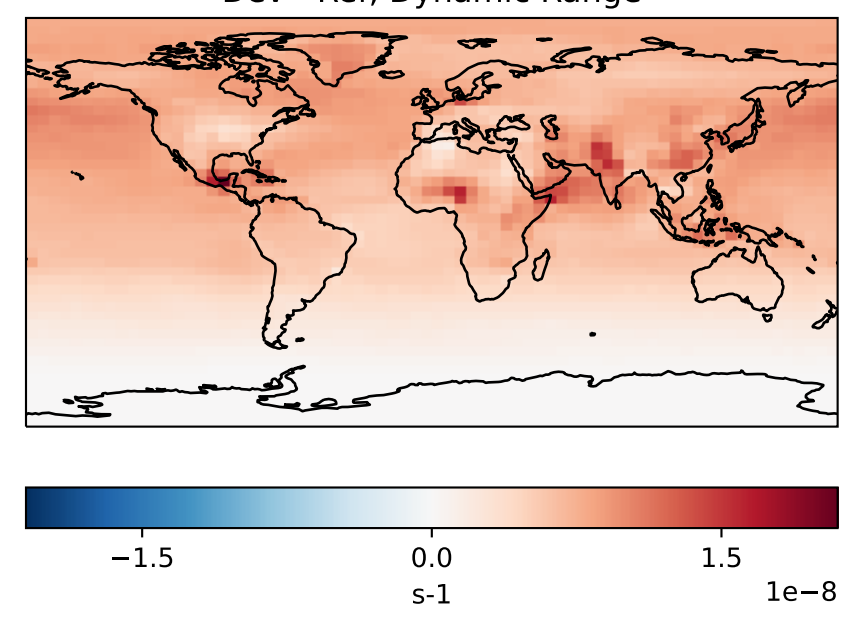
GCC_13.0.0 (Ref)
4.0x5.0



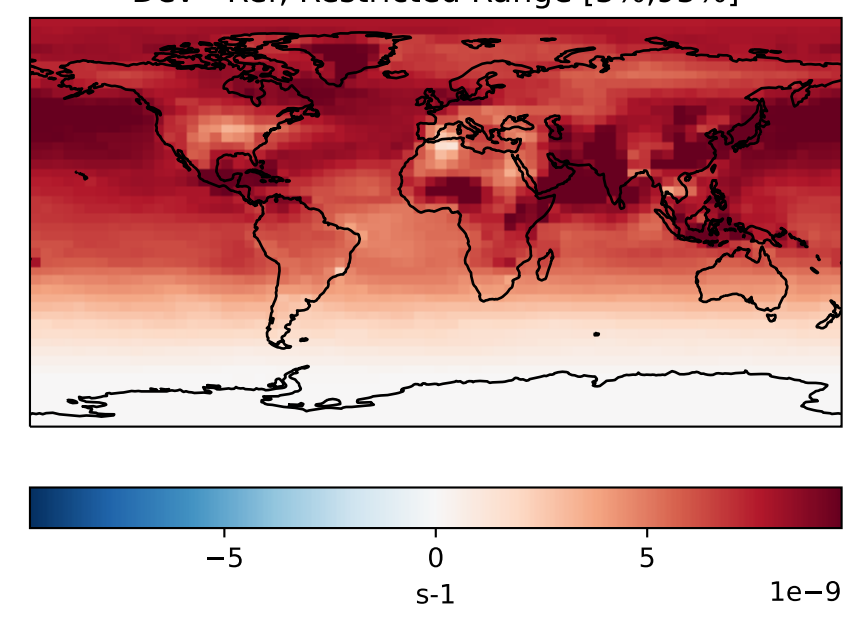

GCC_13.2.0 (Dev)
4.0x5.0



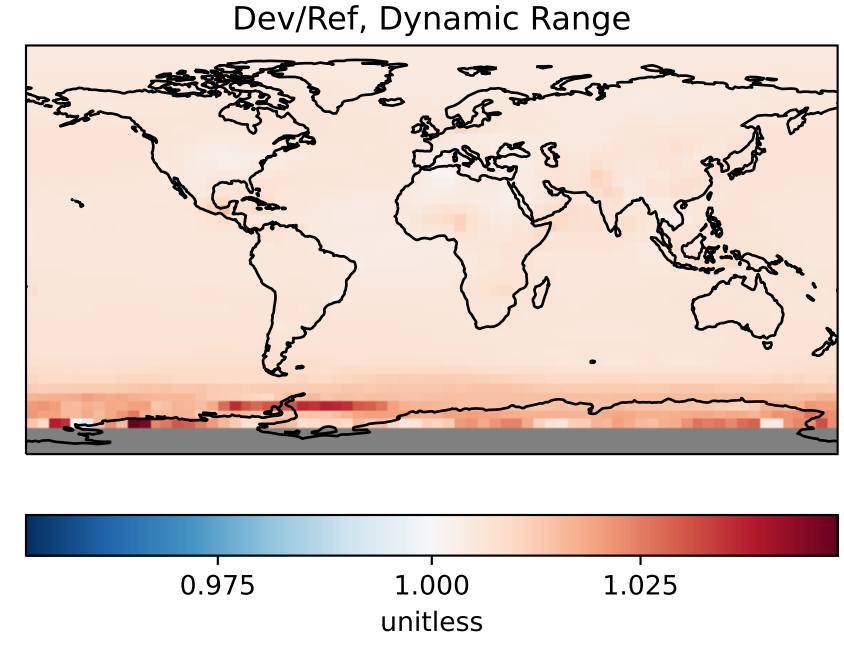

Difference
Dev - Ref, Dynamic Range



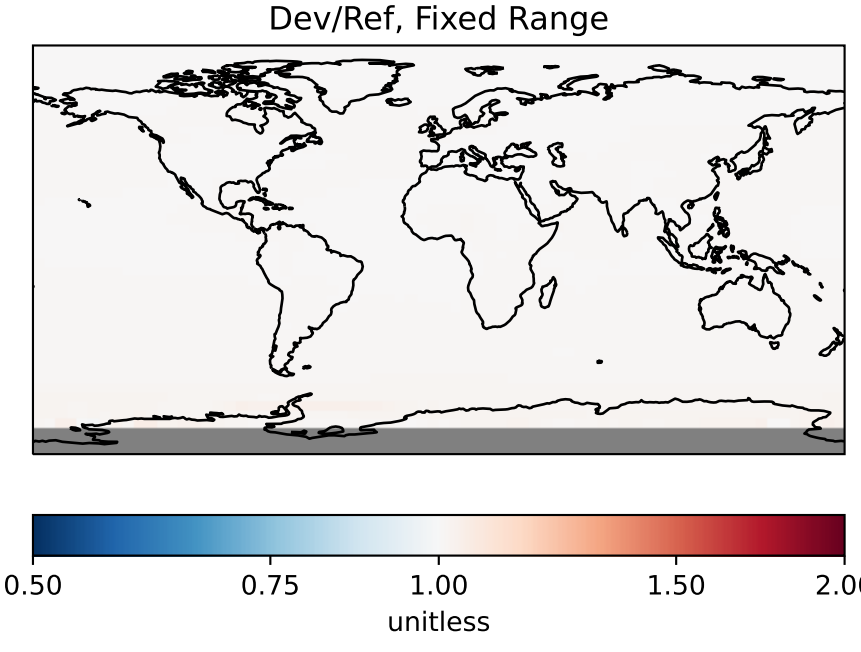

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

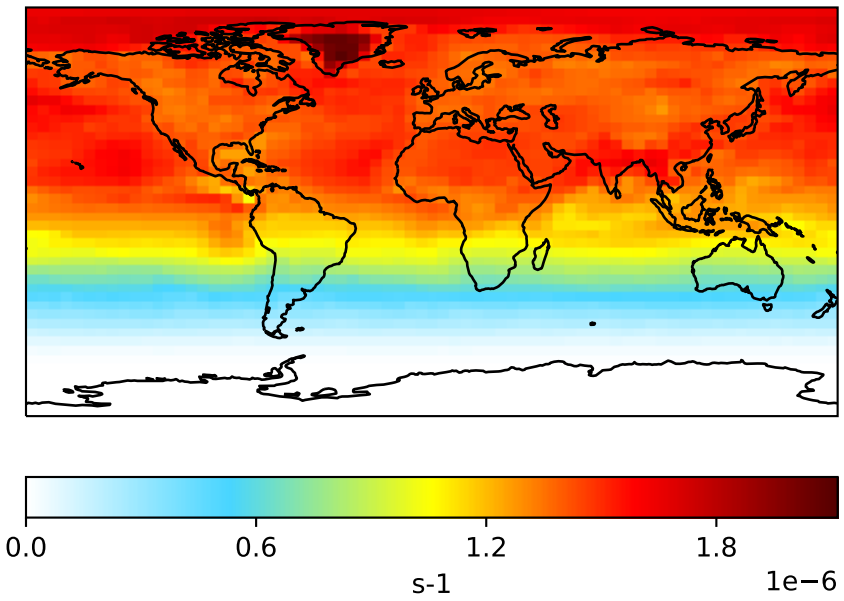



Ratio
Dev/Ref, Fixed Range

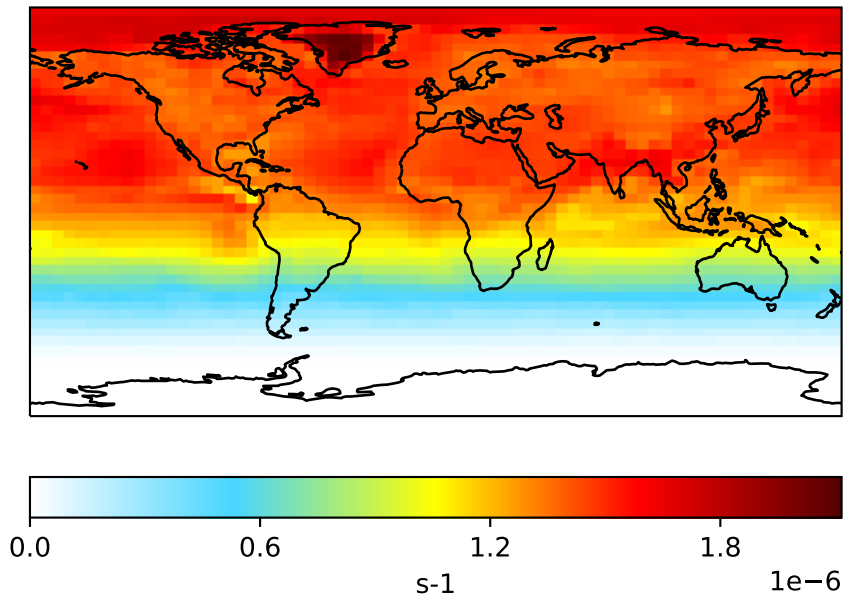


# Jval_MONITU (Jul2019)

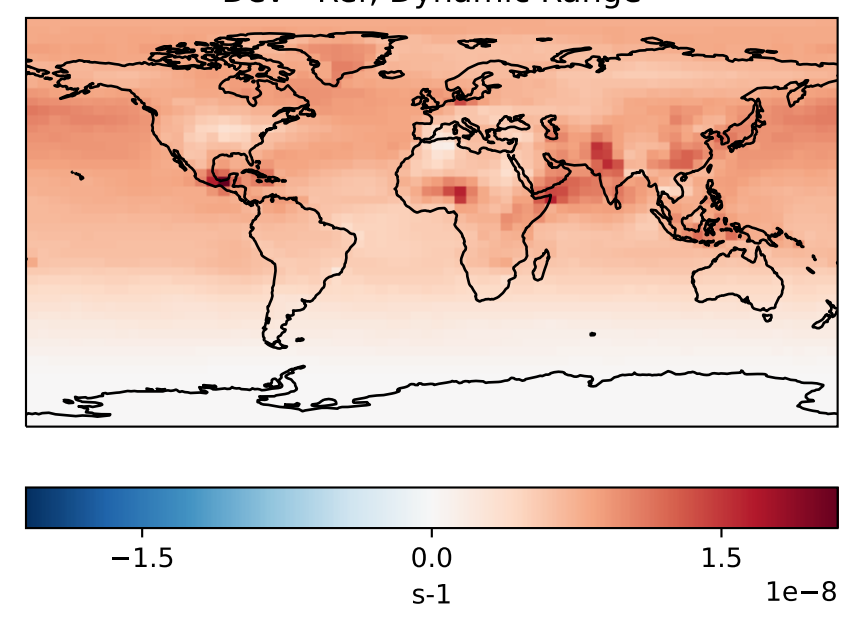
GCC_13.0.0 (Ref)
4.0x5.0



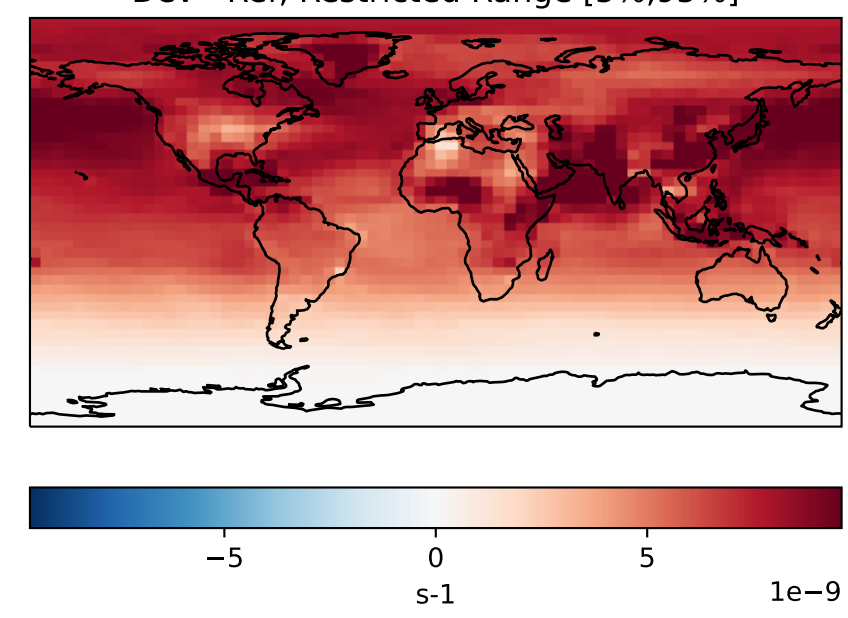

GCC_13.2.0 (Dev)
4.0x5.0



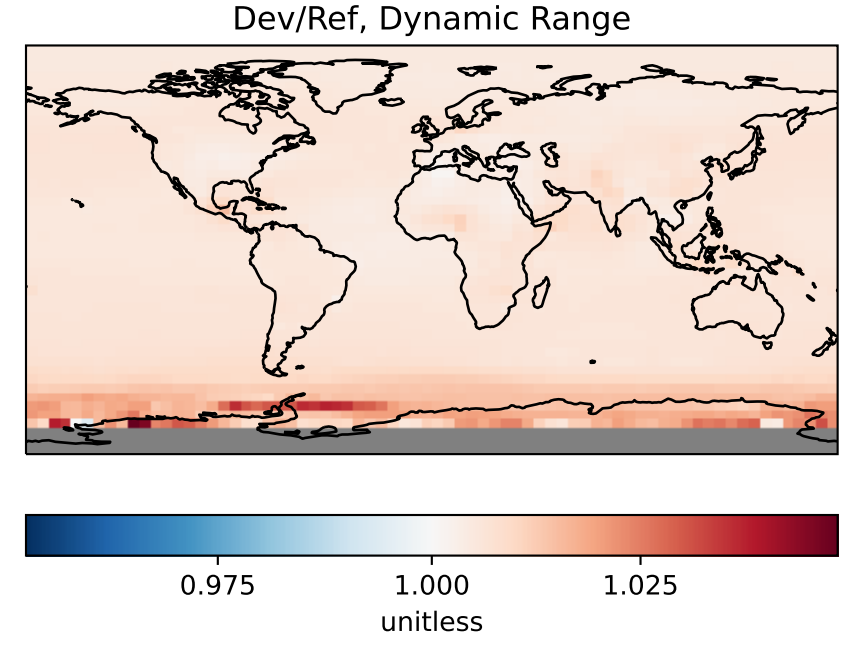

Difference
Dev - Ref, Dynamic Range



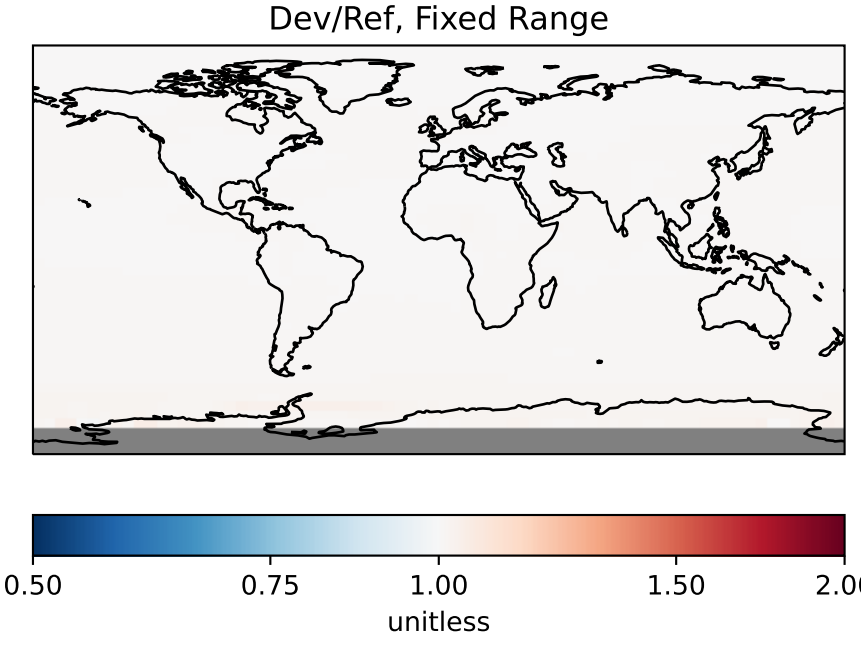

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

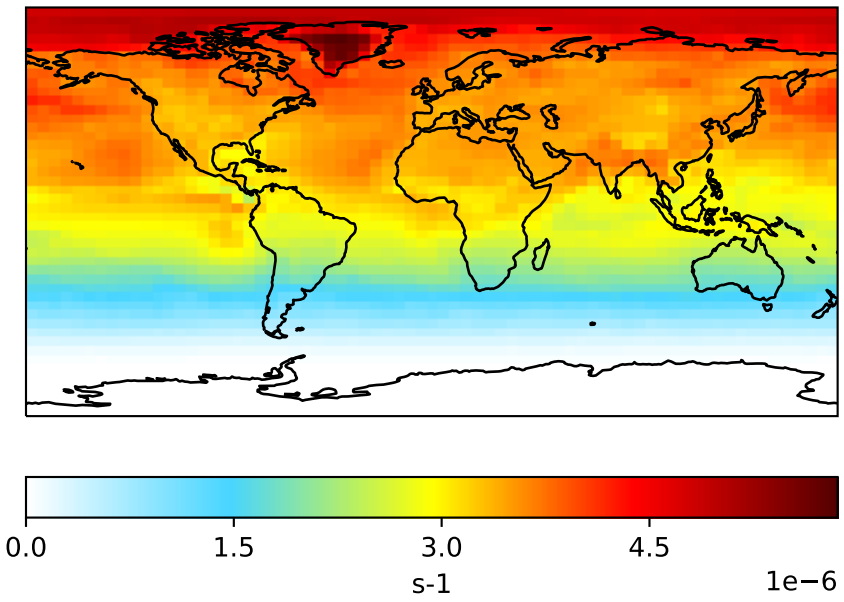



Ratio
Dev/Ref, Fixed Range

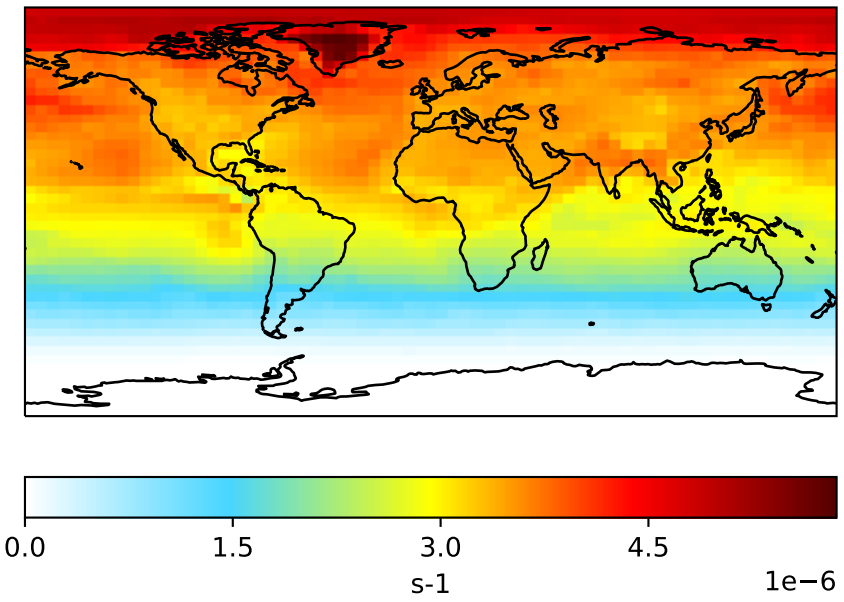


# Jval_MP (Jul2019)

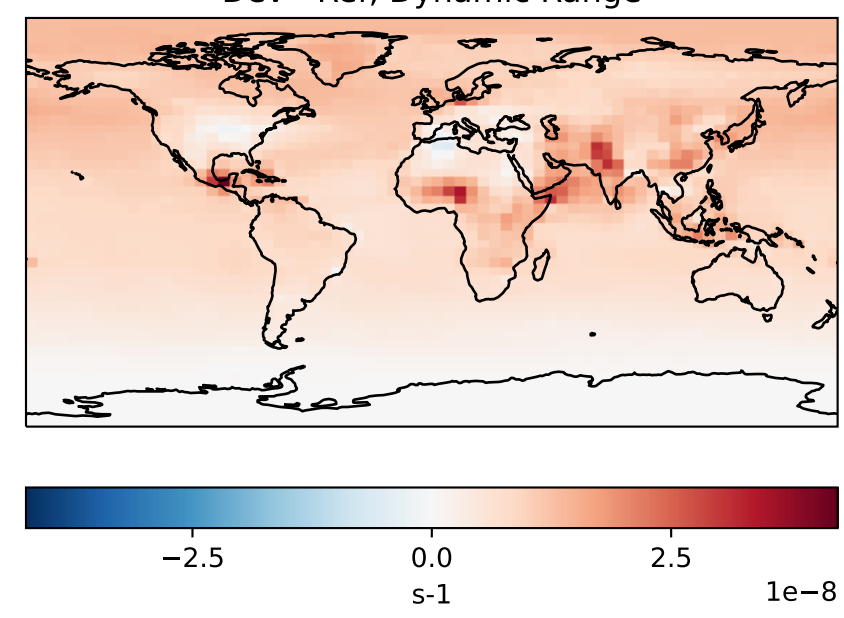
GCC_13.0.0 (Ref)
4.0x5.0



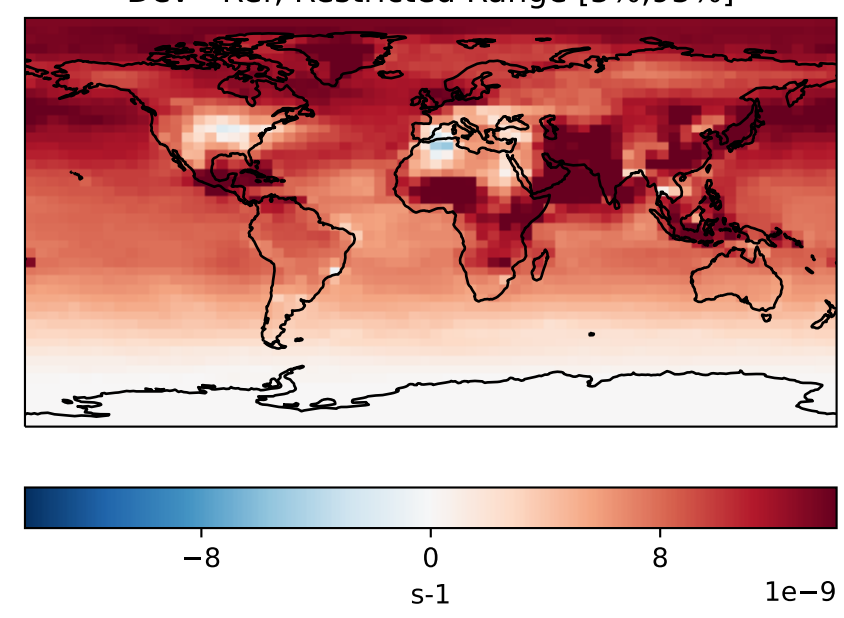

GCC_13.2.0 (Dev)
4.0x5.0



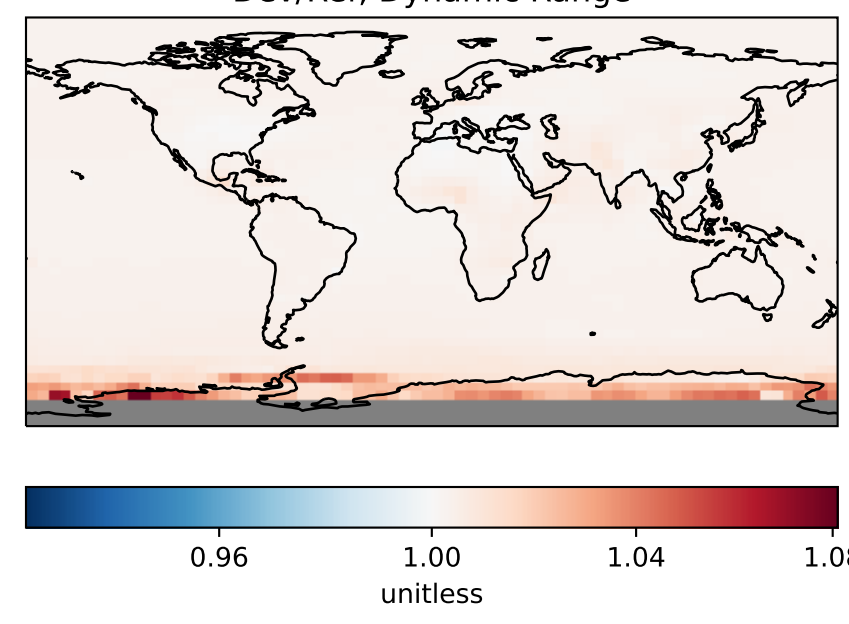

Difference
Dev - Ref, Dynamic Range



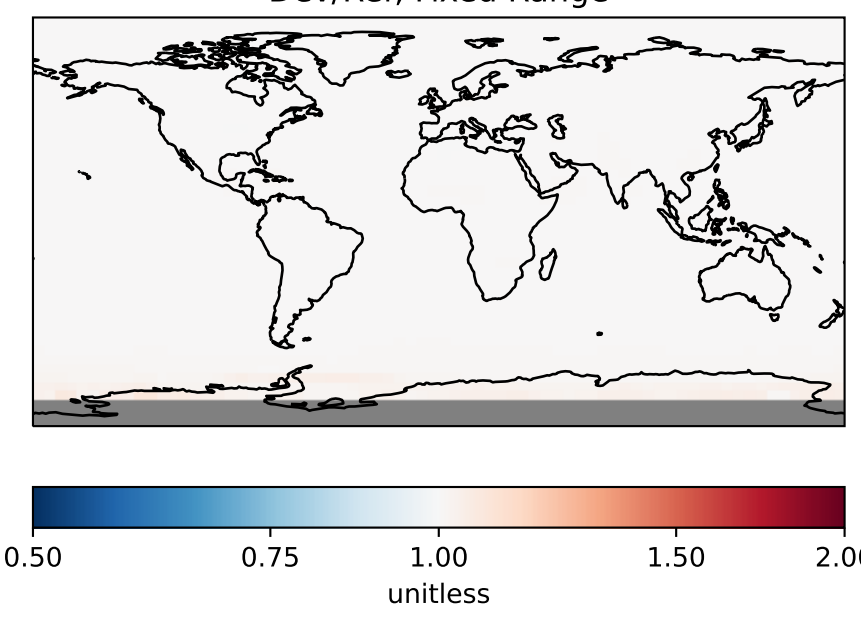

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

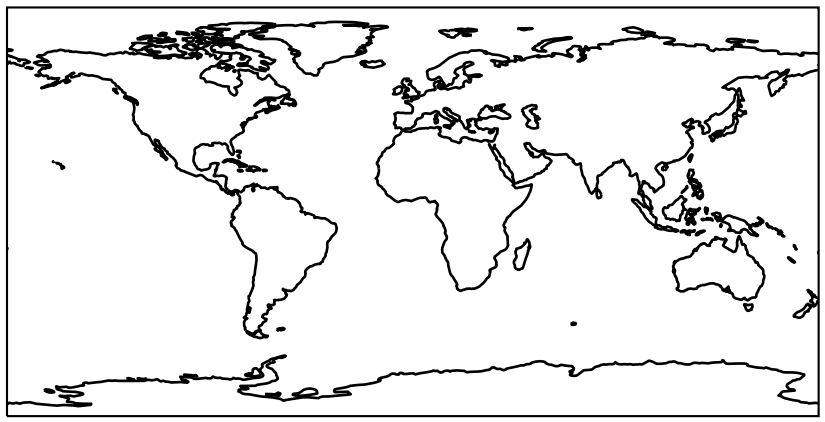



Ratio
Dev/Ref, Fixed Range



# Jval_MPAN (Jul2019)

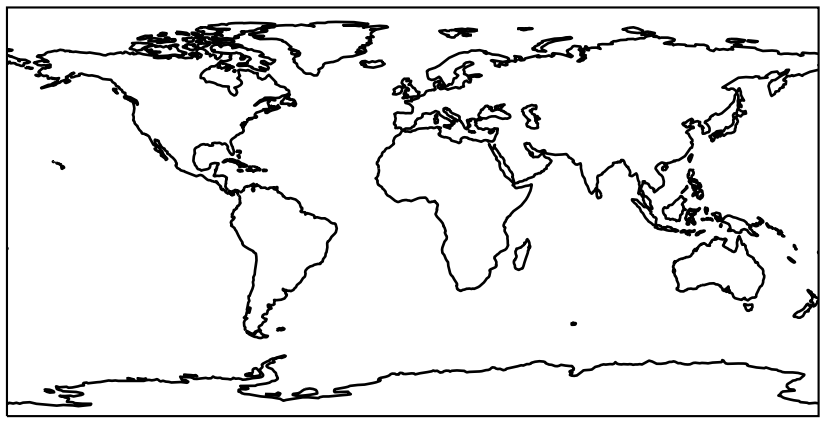
GCC_13.0.0 (Ref)
4.0x5.0





Zero throughout domain
s-1

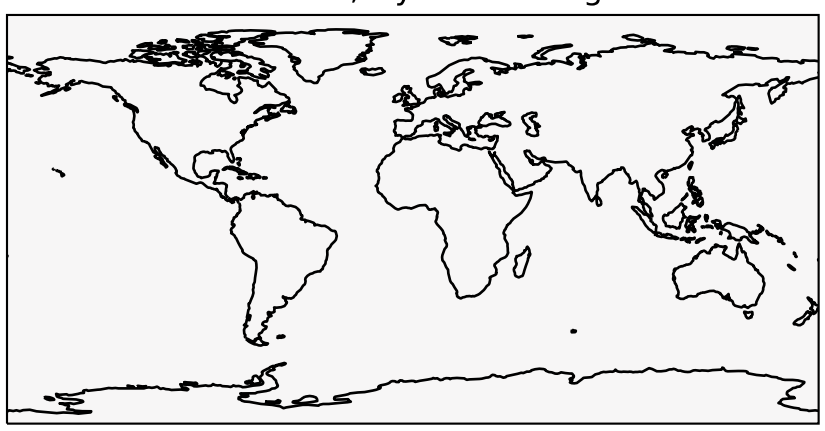
GCC_13.2.0 (Dev)
4.0x5.0





Zero throughout domain
s-1

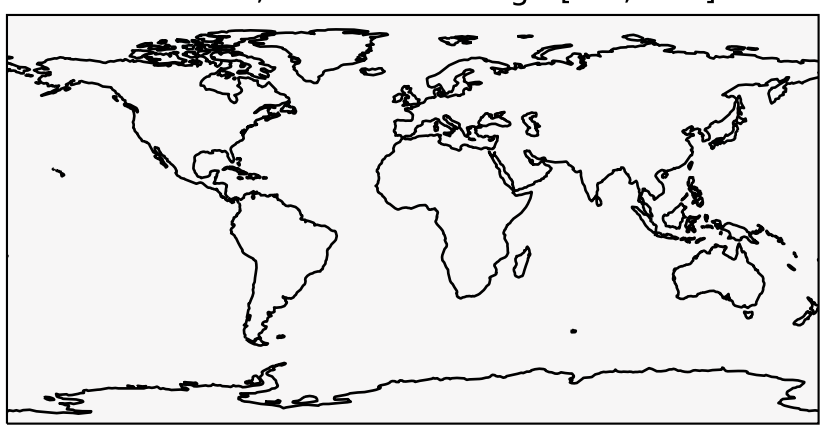
Difference
Dev - Ref, Dynamic Range





Zero throughout domain
s-1

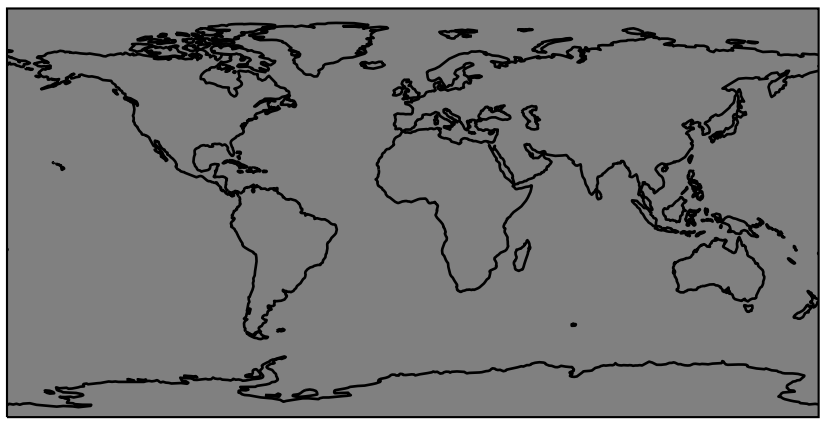
Difference
Dev - Ref, Restricted Range [5%,95%]





Zero throughout domain
s-1

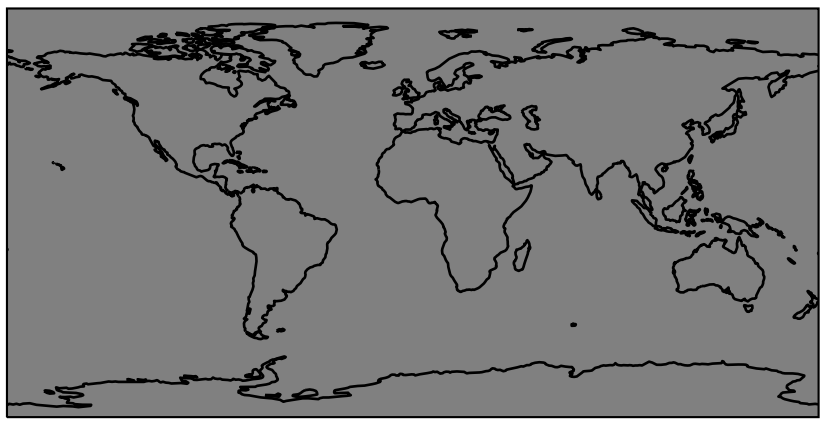
Ratio
Dev/Ref, Dynamic Range





Undefined throughout domain
unitless

Ratio
Dev/Ref, Fixed Range

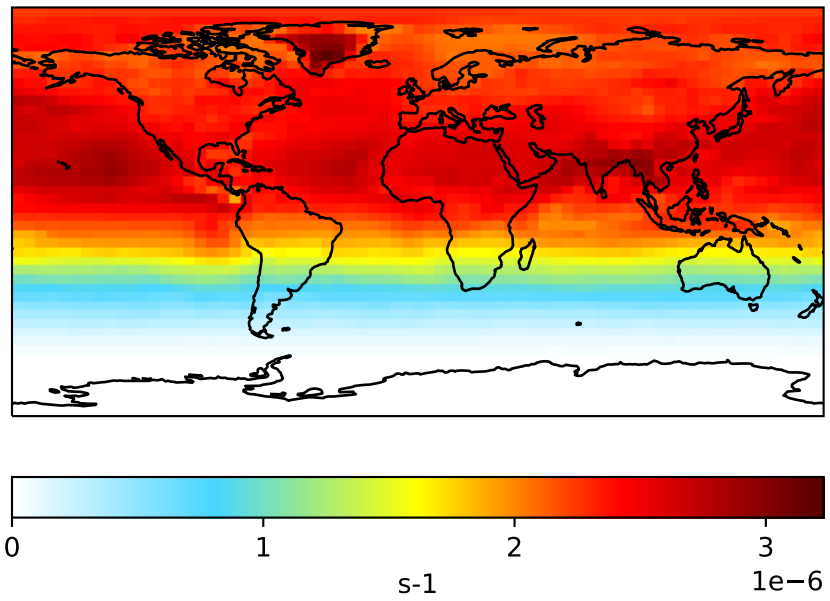




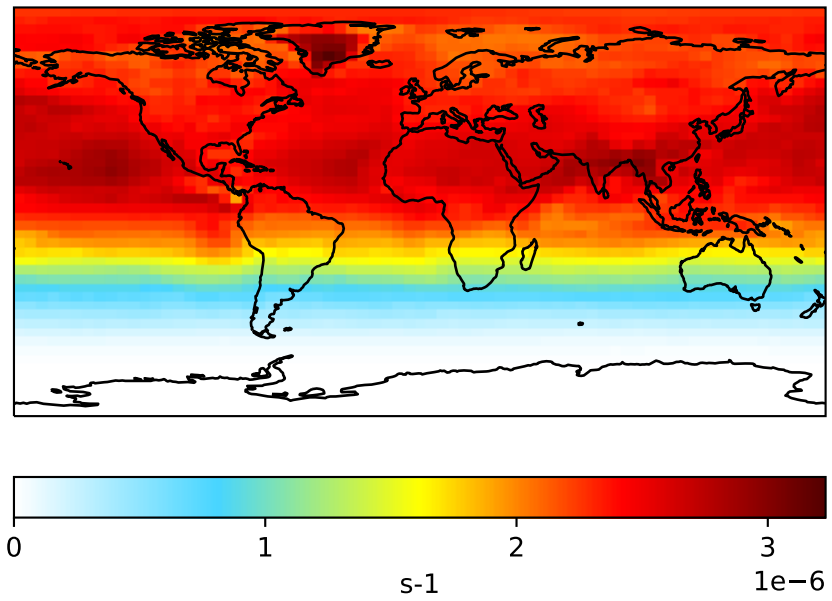
Undefined throughout domain
unitless

# Jval_MPN (Jul2019)

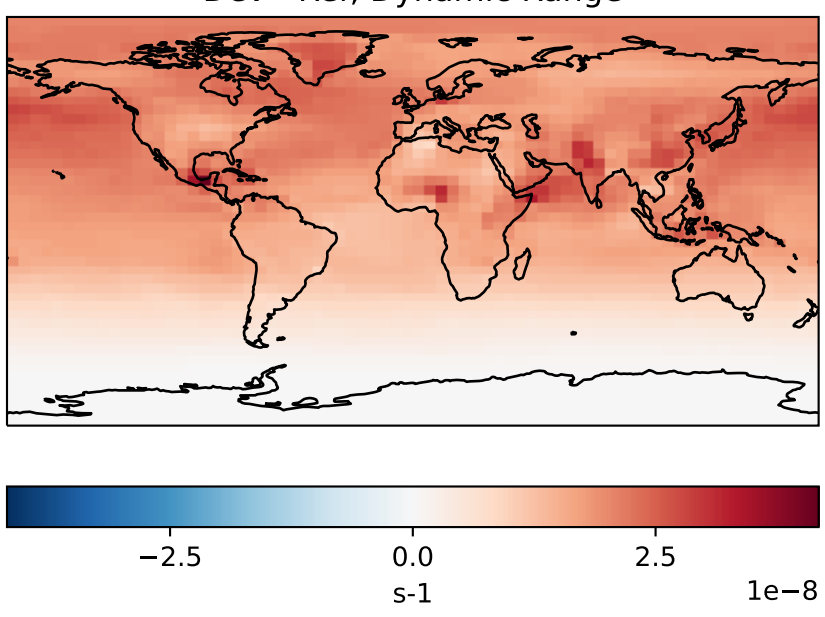
GCC_13.0.0 (Ref)
4.0x5.0



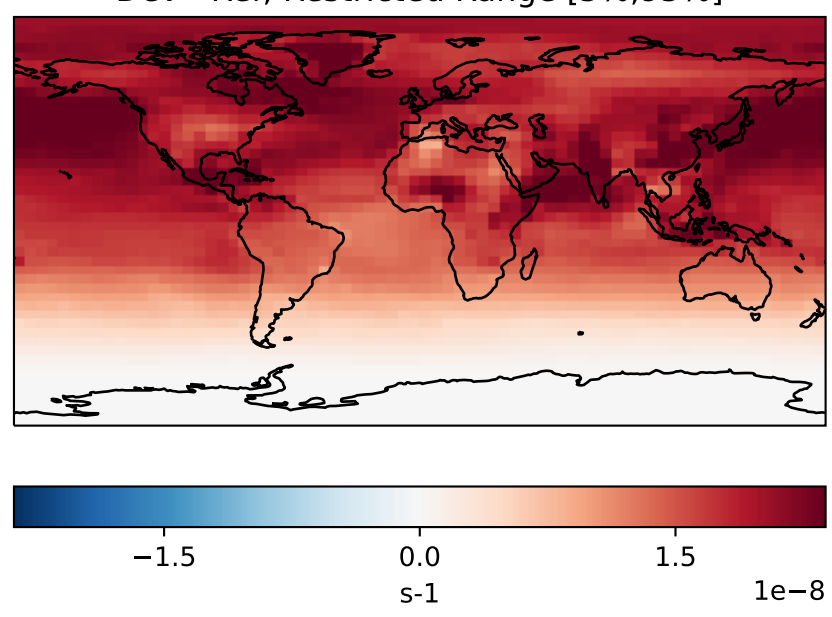

GCC_13.2.0 (Dev)
4.0x5.0



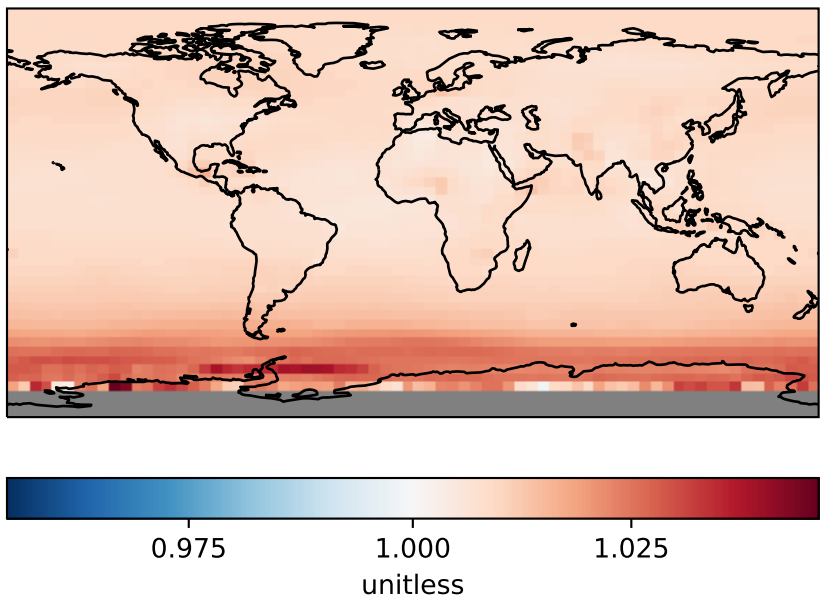

Difference
Dev - Ref, Dynamic Range



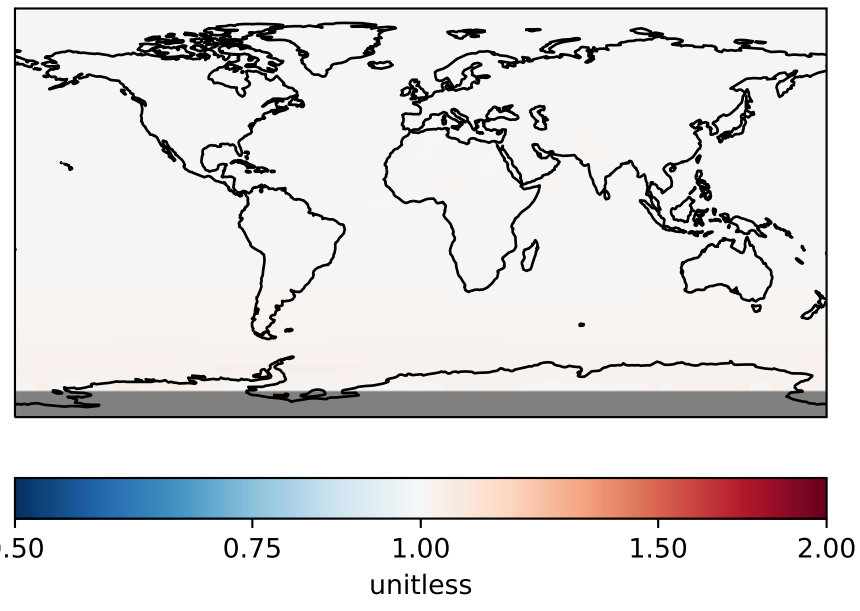

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

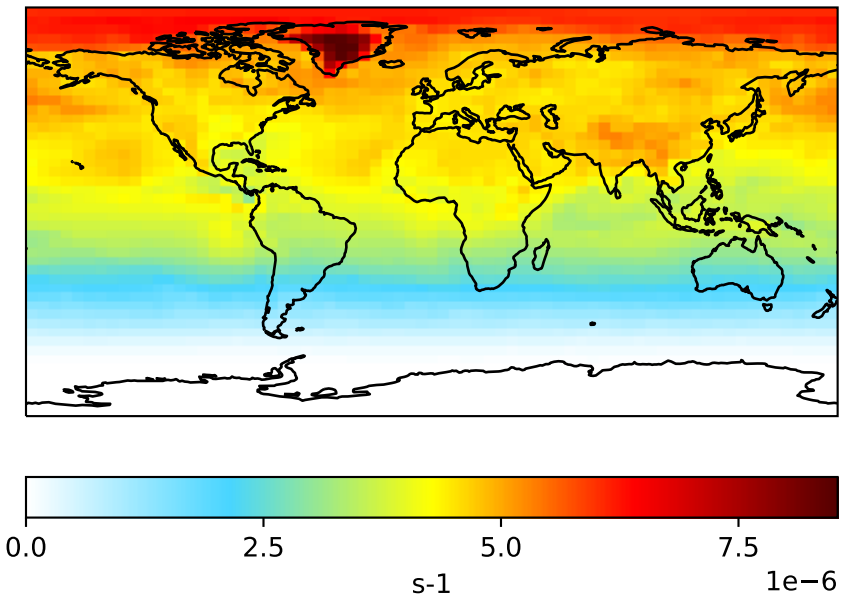



Ratio
Dev/Ref, Fixed Range

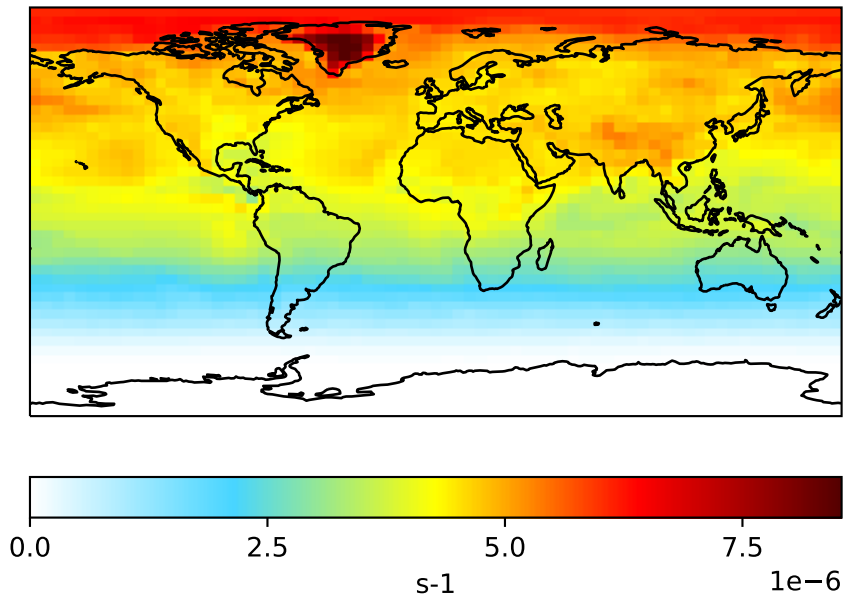


# Jval_MVK (Jul2019)

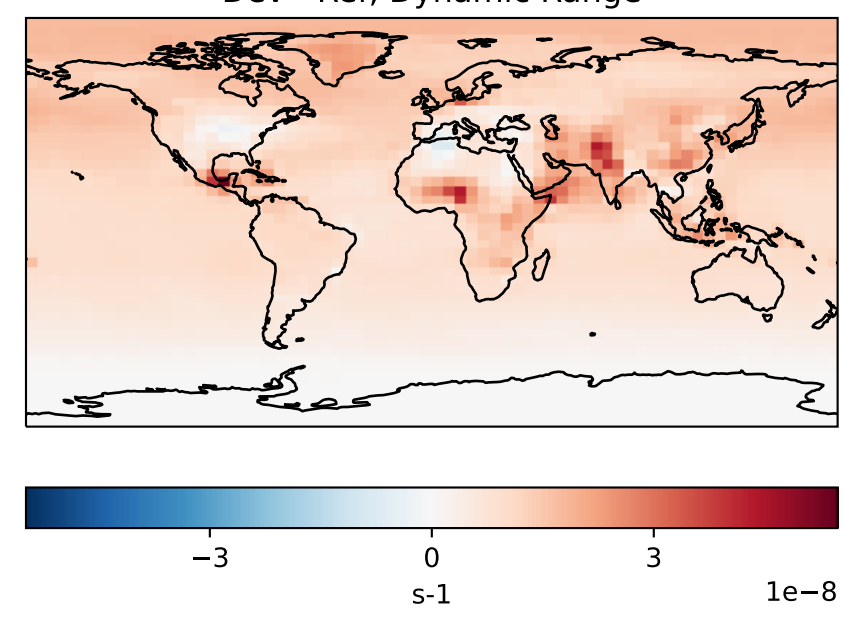
GCC_13.0.0 (Ref)
4.0x5.0



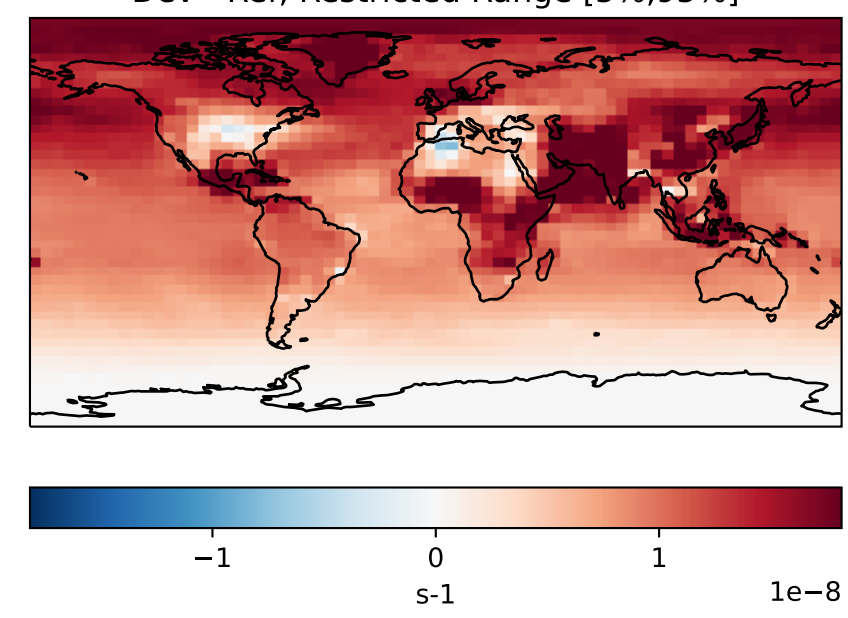

GCC_13.2.0 (Dev)
4.0x5.0



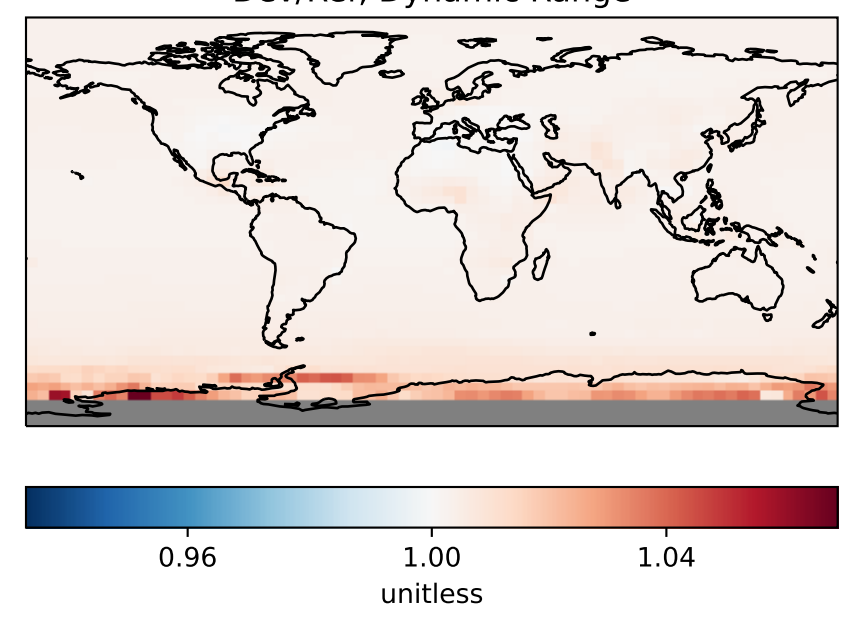

Difference
Dev - Ref, Dynamic Range



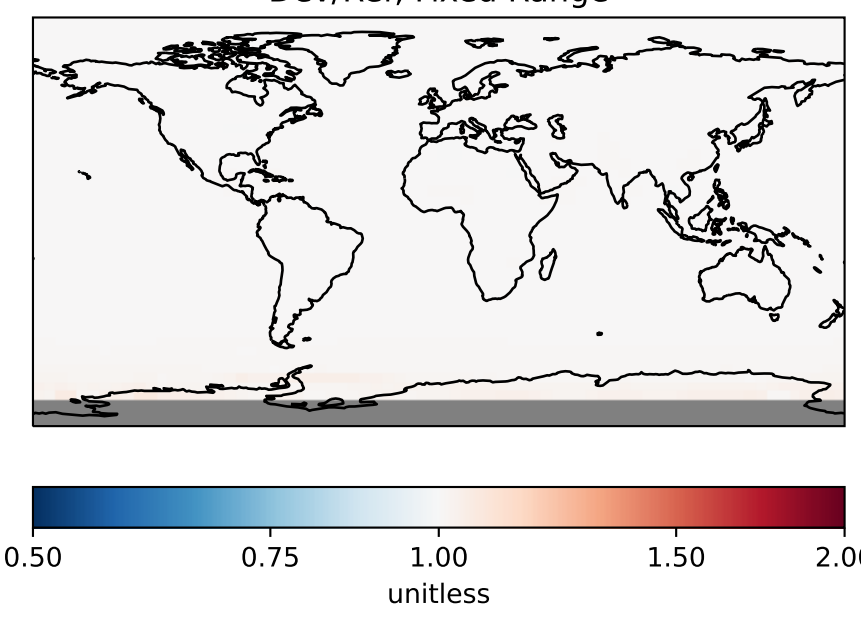

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

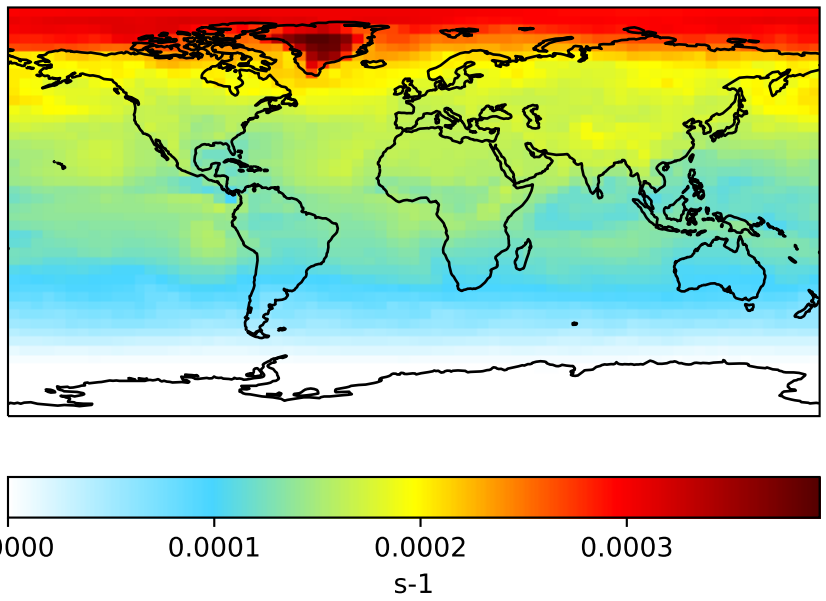



Ratio
Dev/Ref, Fixed Range

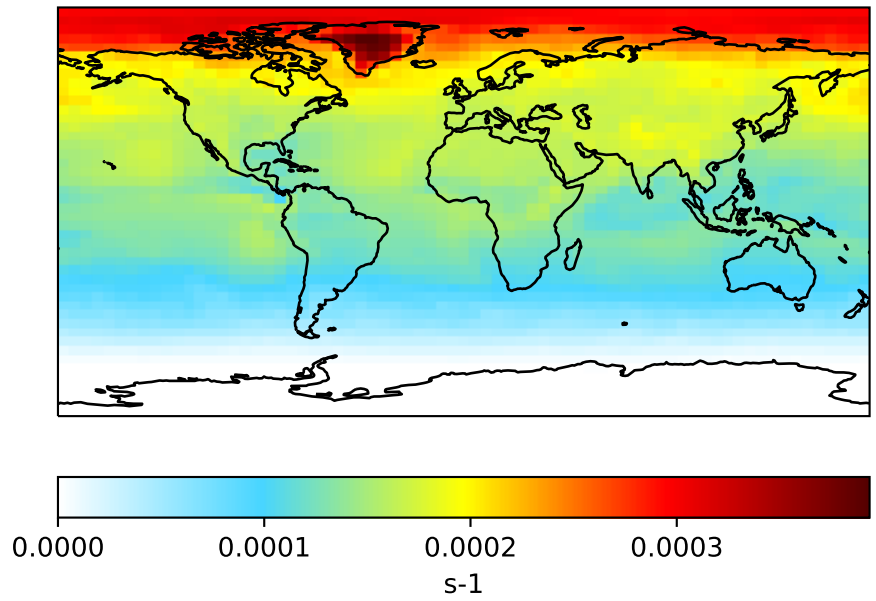


# Jval_MVKHC (Jul2019)

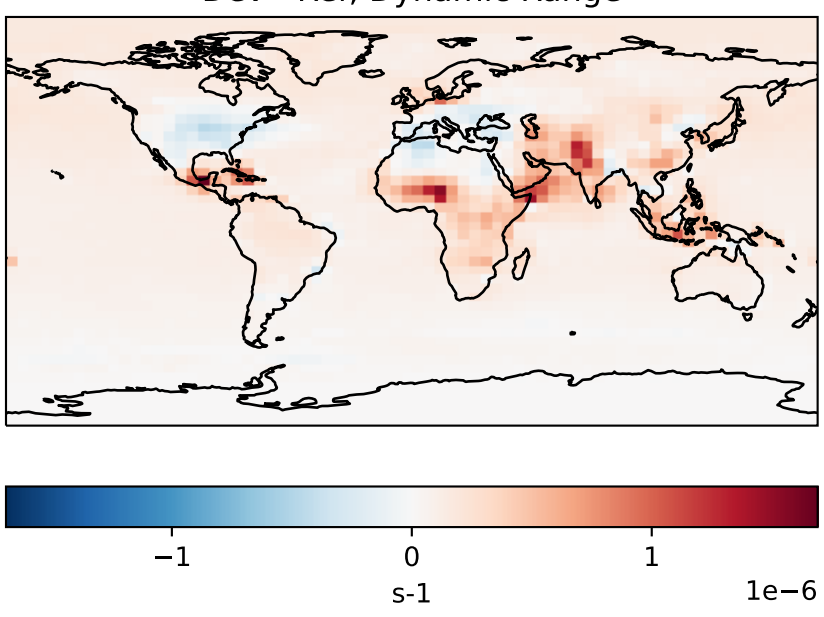
GCC_13.0.0 (Ref)
4.0x5.0



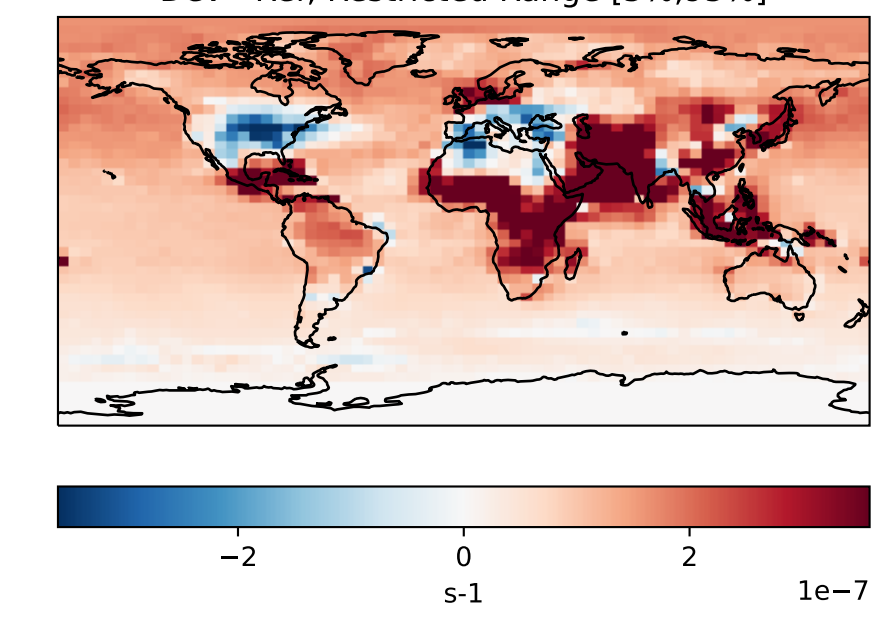

GCC_13.2.0 (Dev)
4.0x5.0



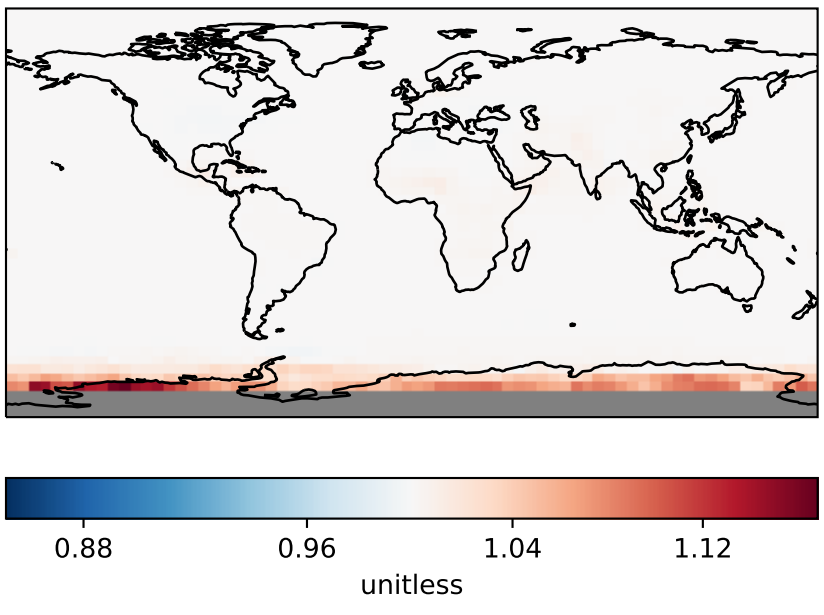

Difference
Dev - Ref, Dynamic Range



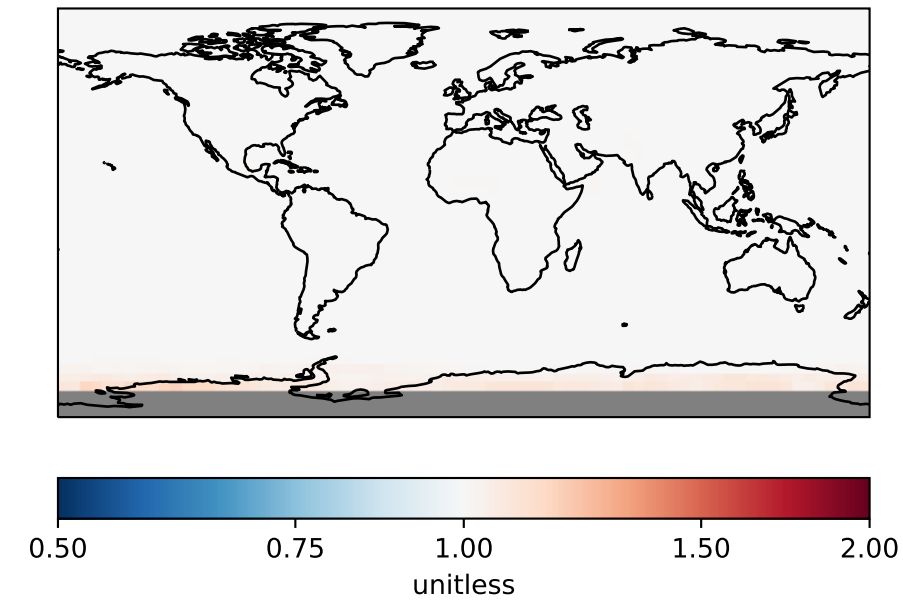

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

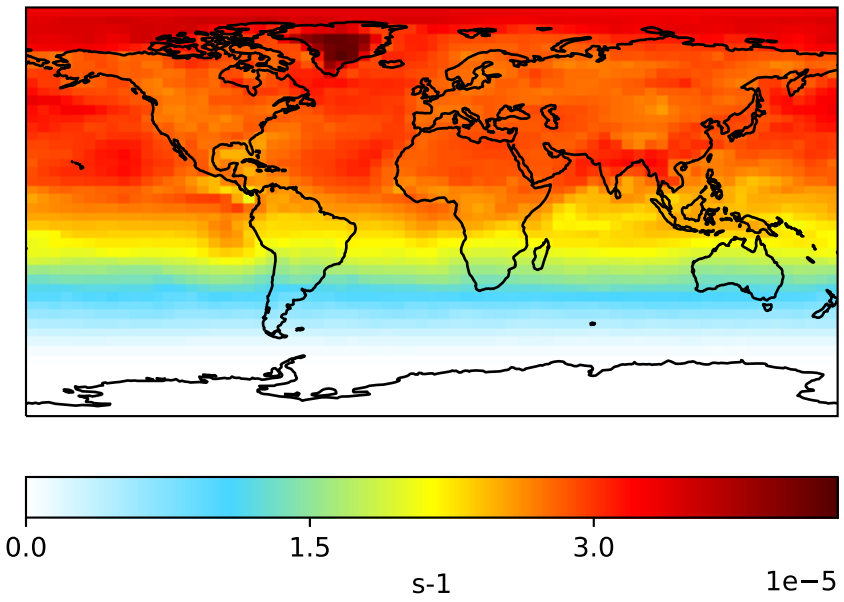



Ratio
Dev/Ref, Fixed Range

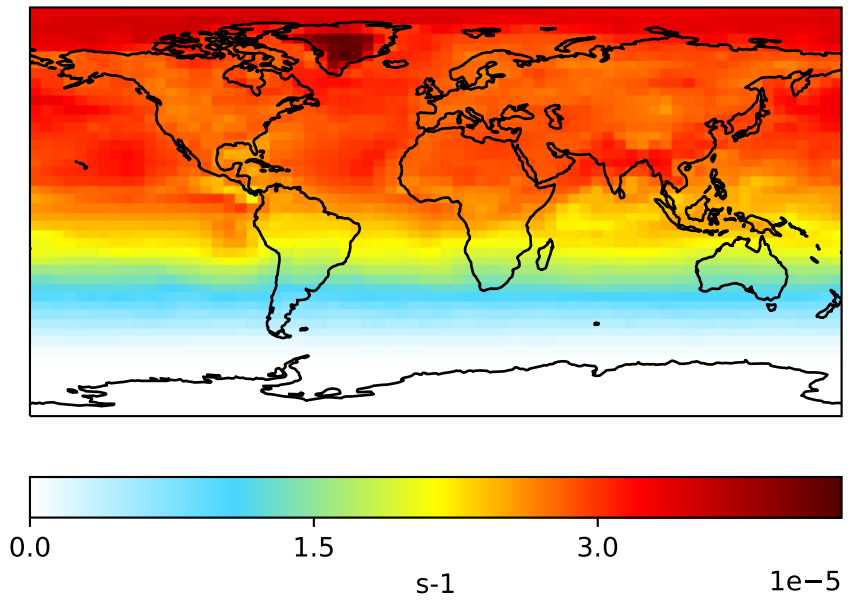


# Jval_MVKHCB (Jul2019)

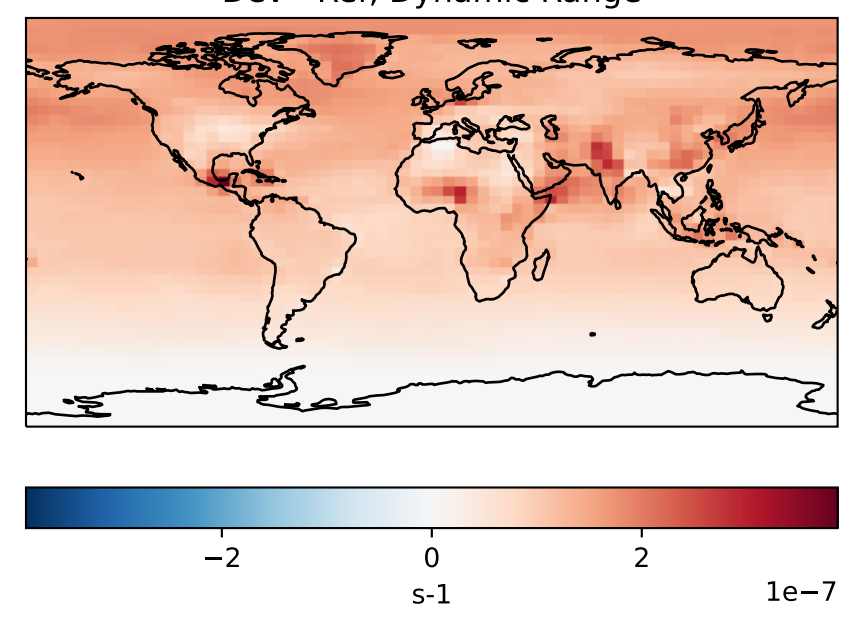
GCC_13.0.0 (Ref)
4.0x5.0



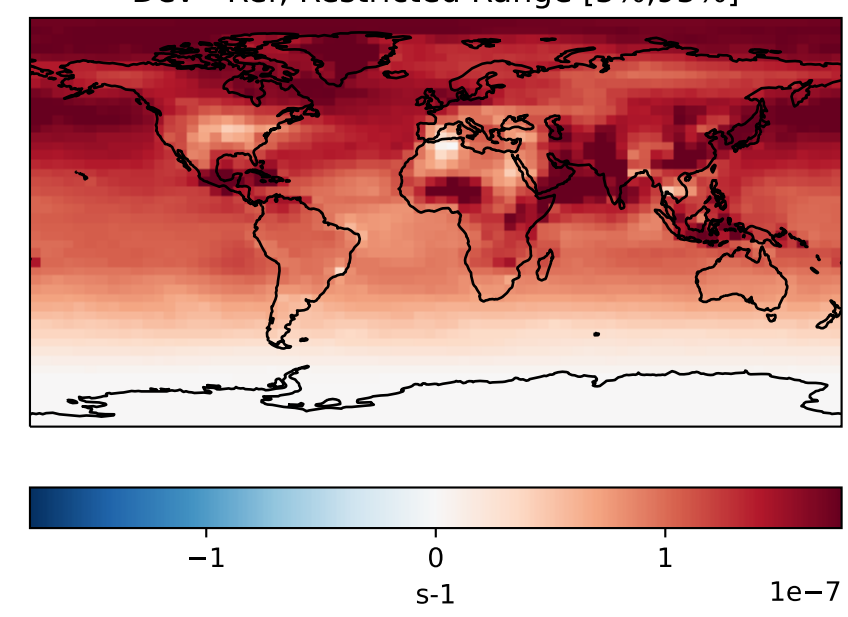

GCC_13.2.0 (Dev)
4.0x5.0



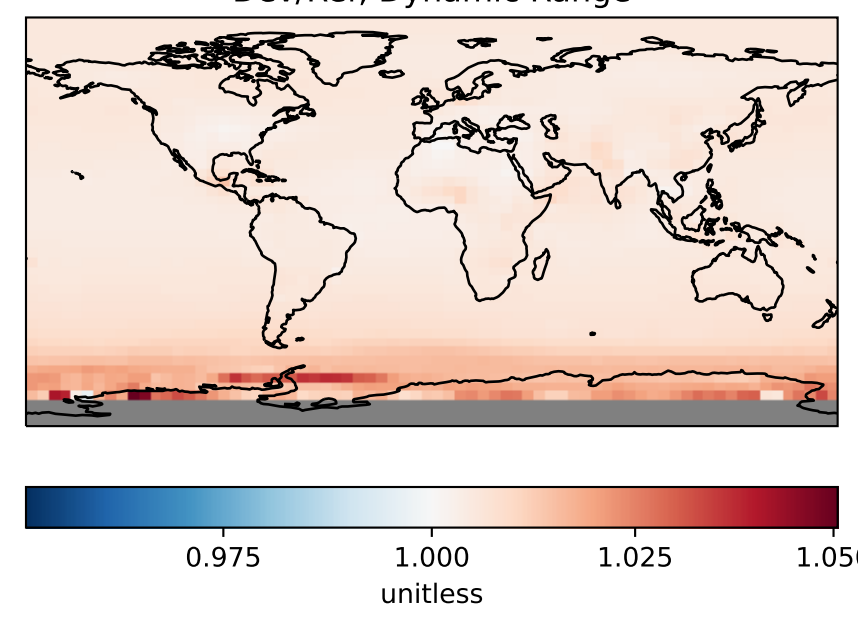

Difference
Dev - Ref, Dynamic Range



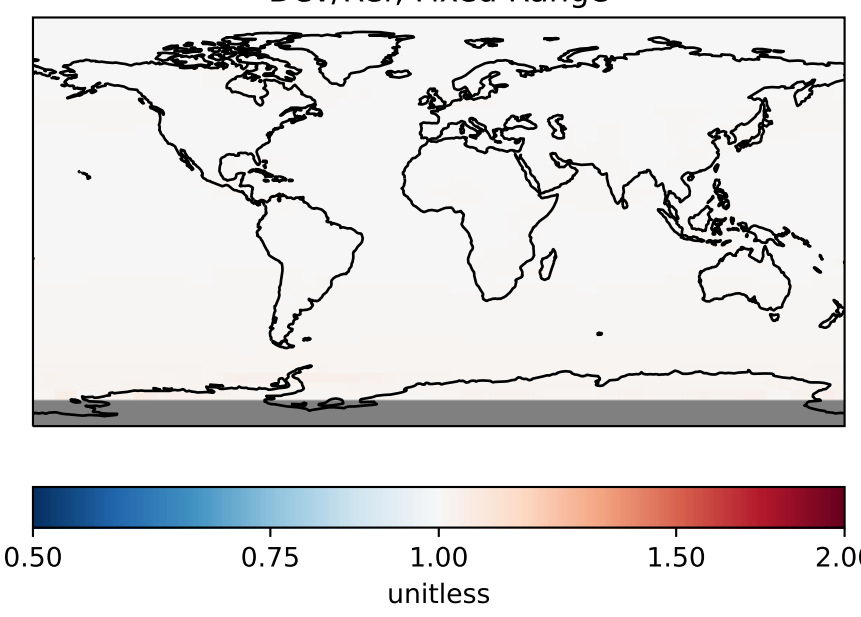

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

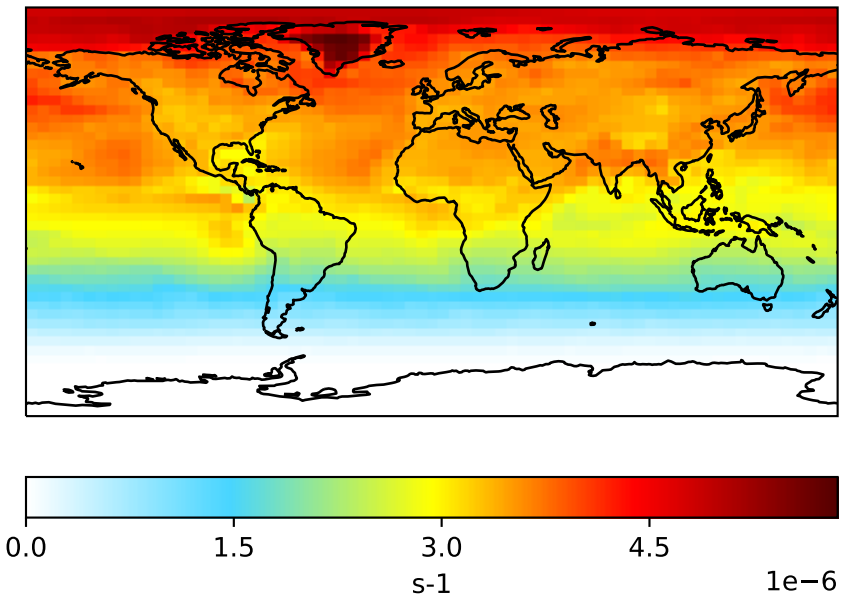



Ratio
Dev/Ref, Fixed Range

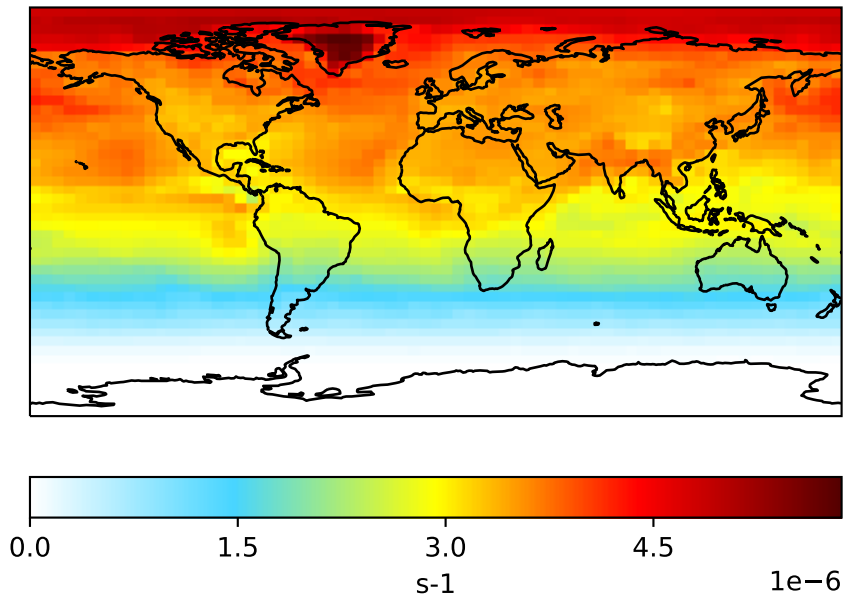


# Jval_MVKHP (Jul2019)

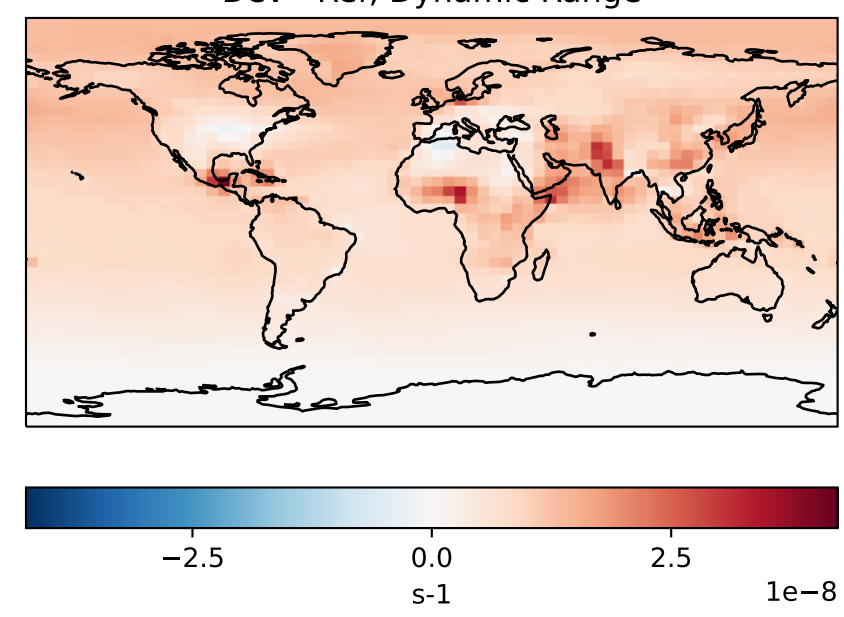
GCC_13.0.0 (Ref)
4.0x5.0



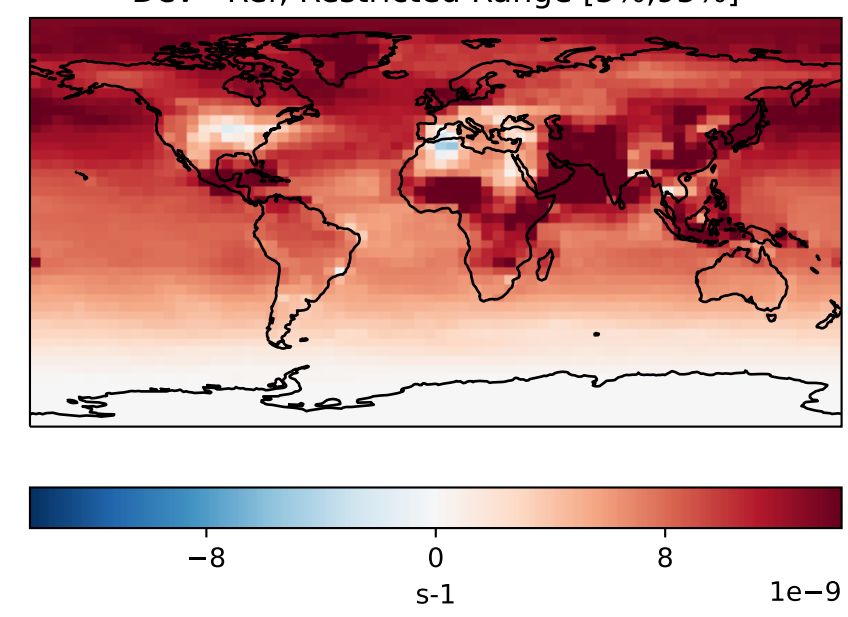

GCC_13.2.0 (Dev)
4.0x5.0



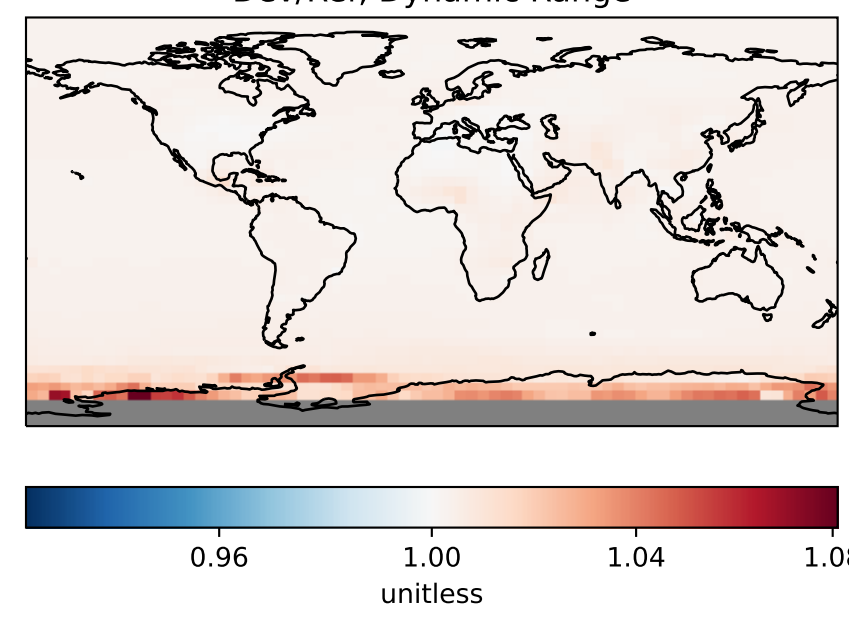

Difference
Dev - Ref, Dynamic Range



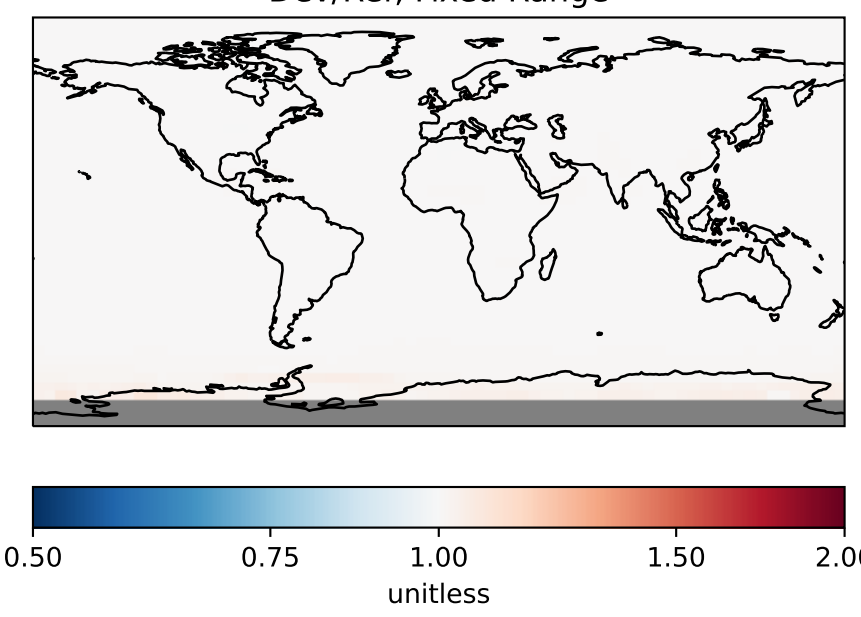

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

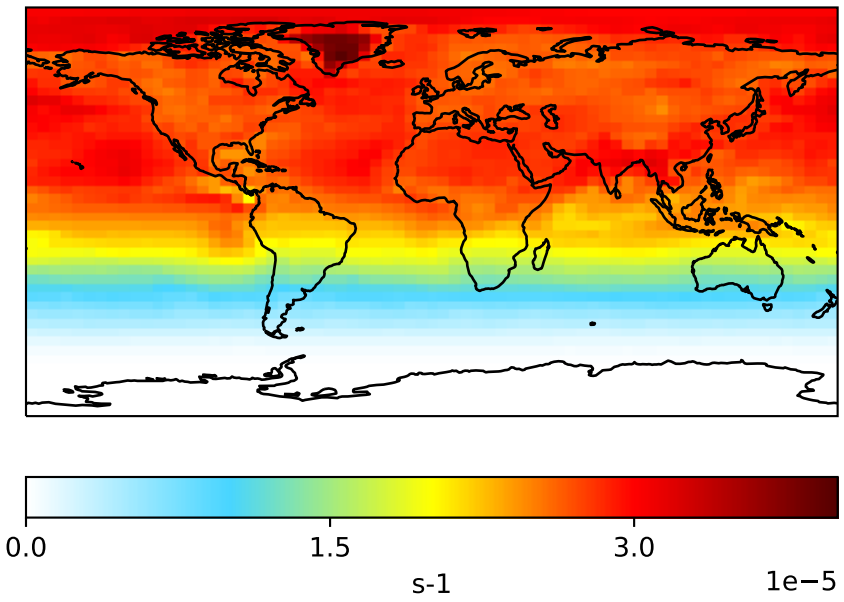



Ratio
Dev/Ref, Fixed Range

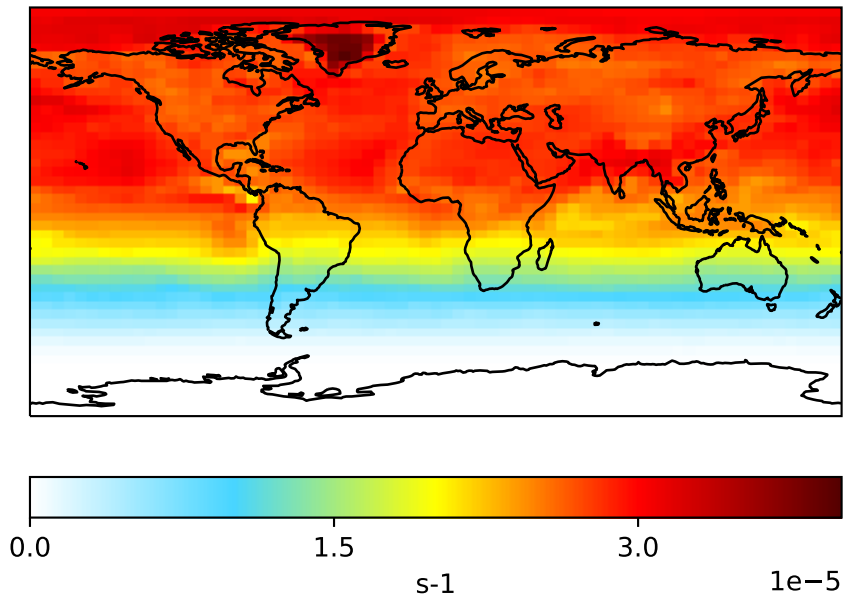


# Jval_MVKN (Jul2019)

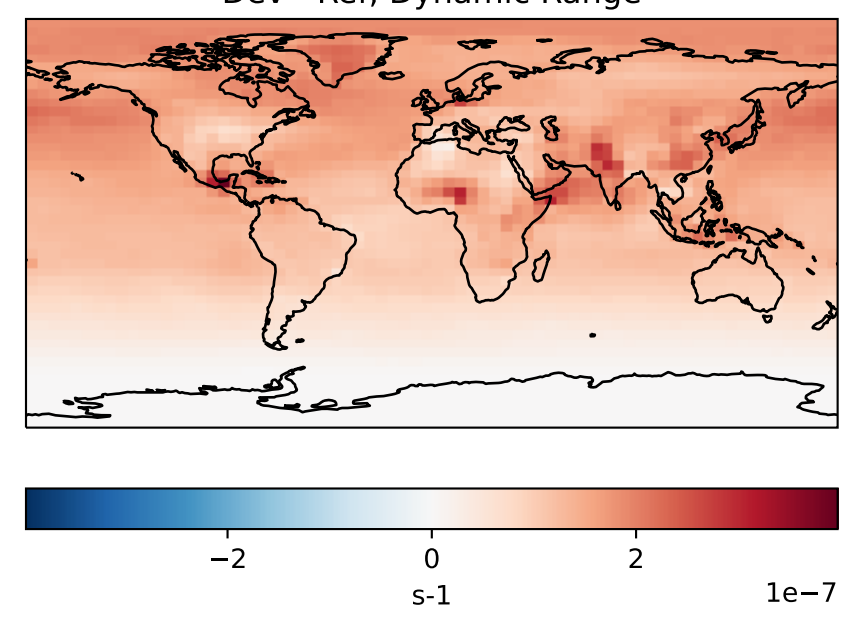
GCC_13.0.0 (Ref)
4.0x5.0



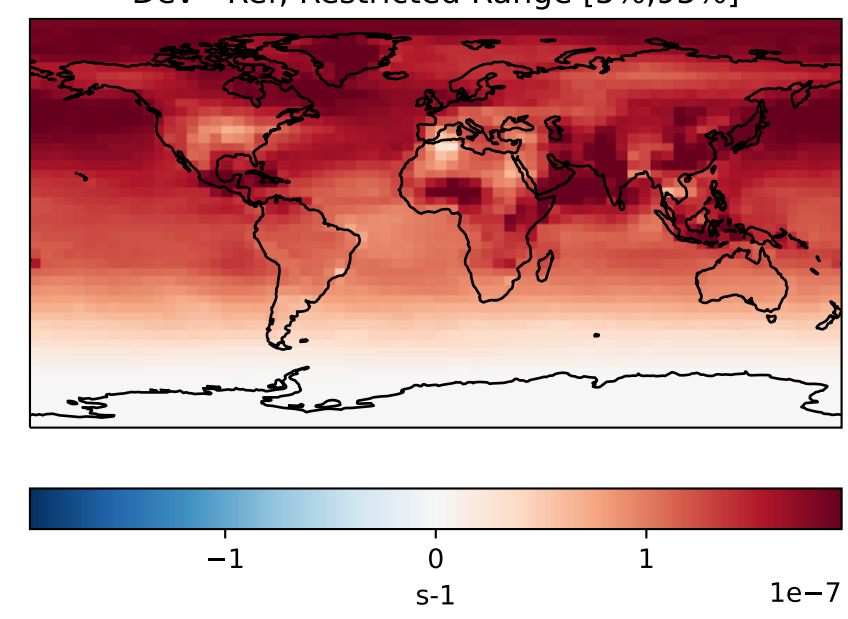

GCC_13.2.0 (Dev)
4.0x5.0



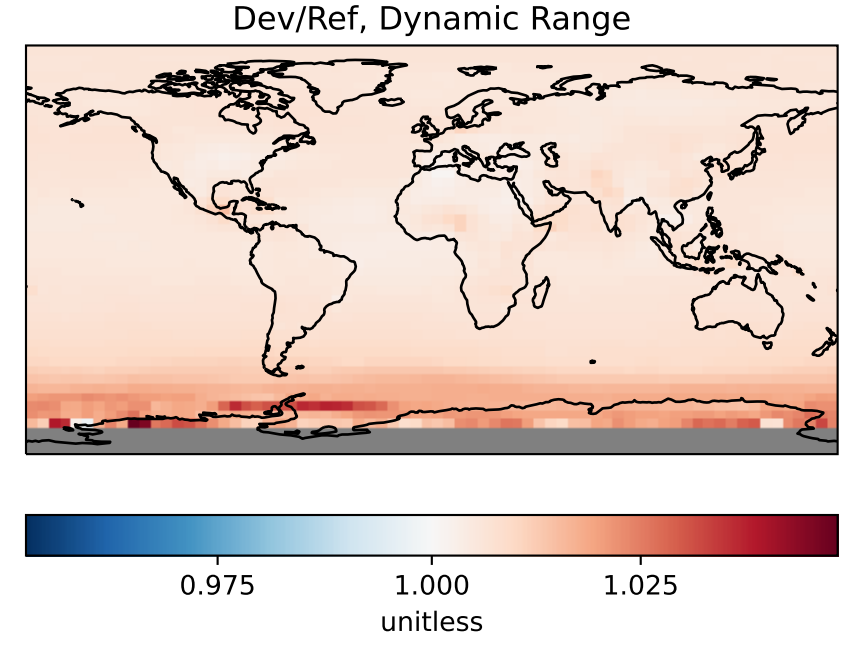

Difference
Dev - Ref, Dynamic Range



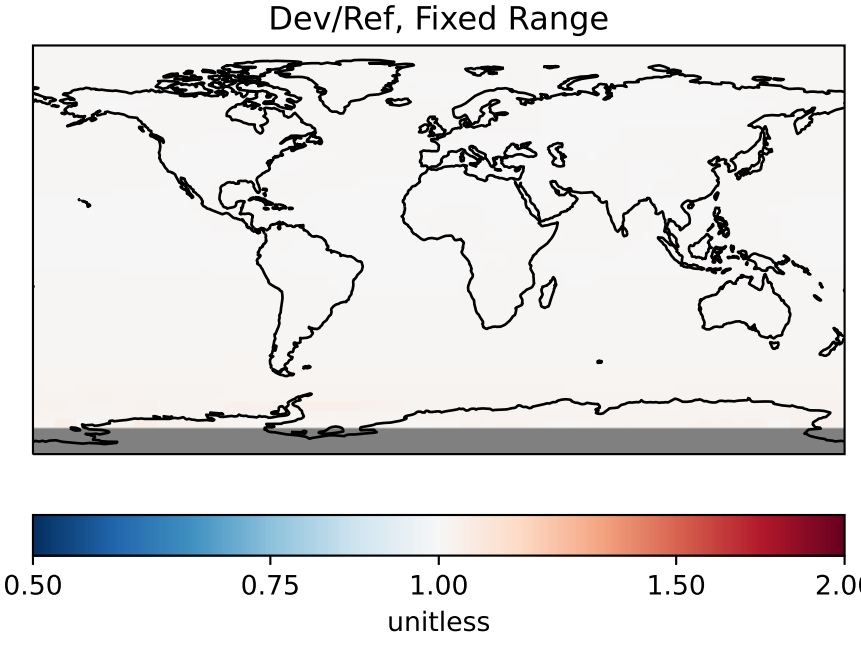

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

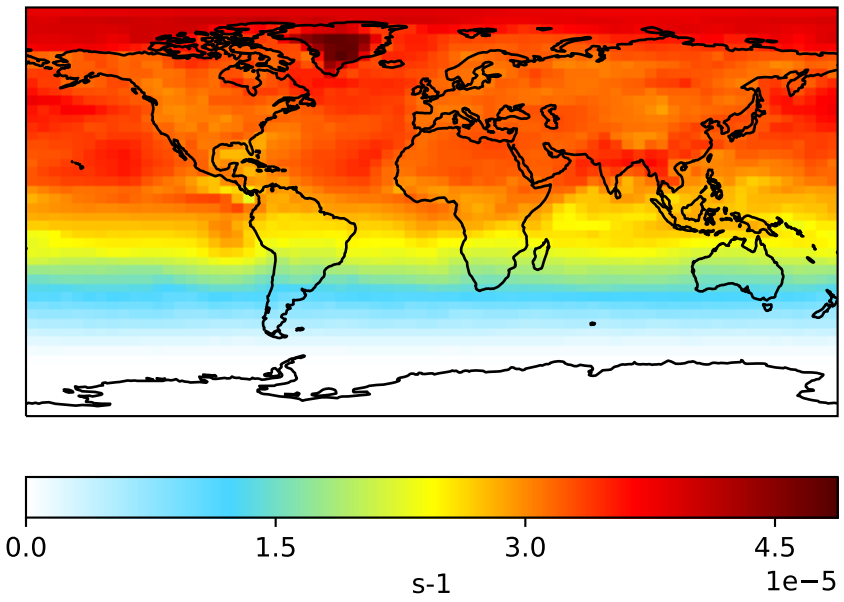



Ratio
Dev/Ref, Fixed Range

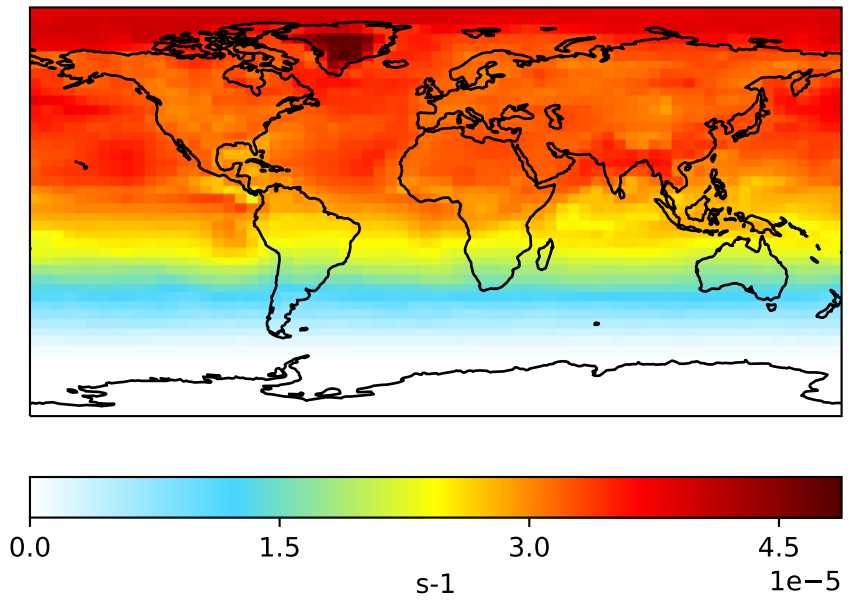


# Jval_MVKPC (Jul2019)

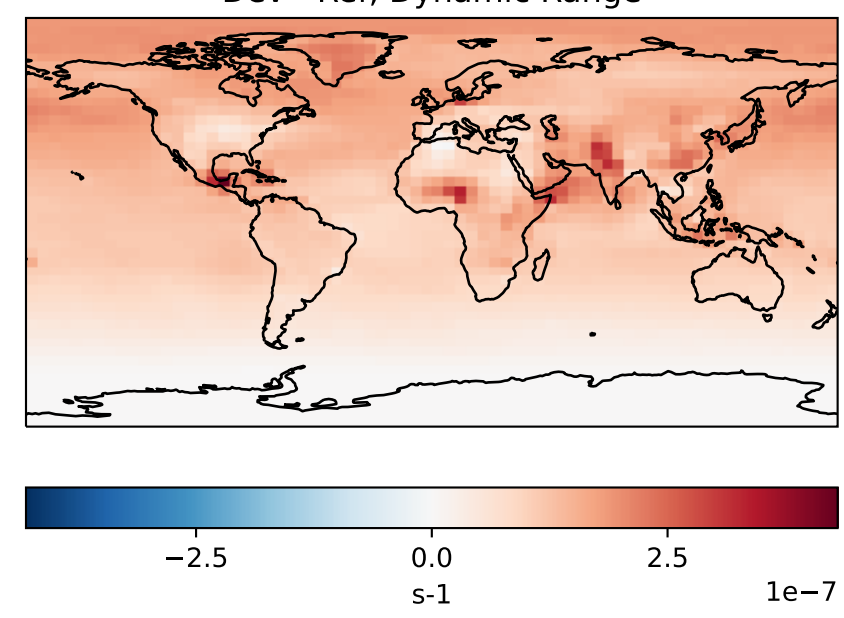
GCC_13.0.0 (Ref)
4.0x5.0



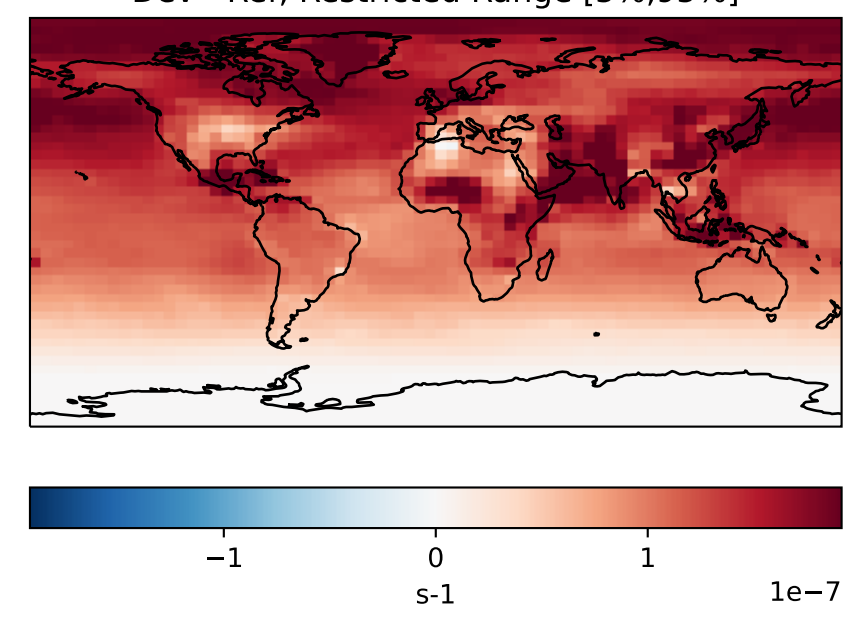

GCC_13.2.0 (Dev)
4.0x5.0



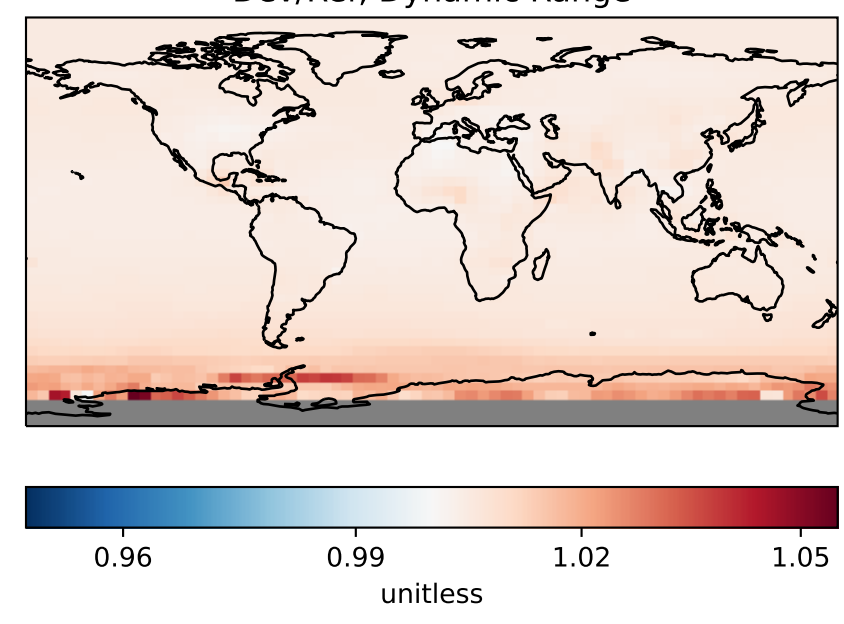

Difference
Dev - Ref, Dynamic Range



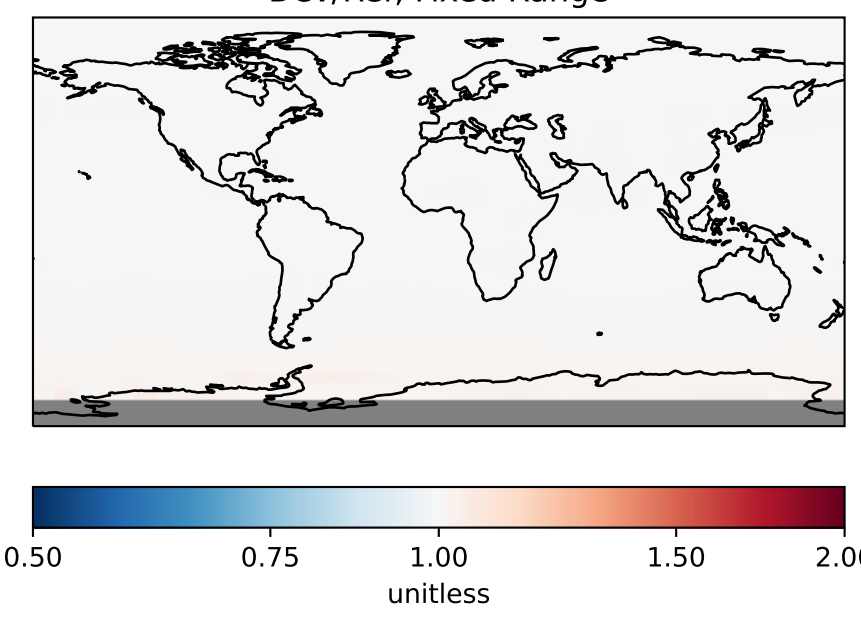

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

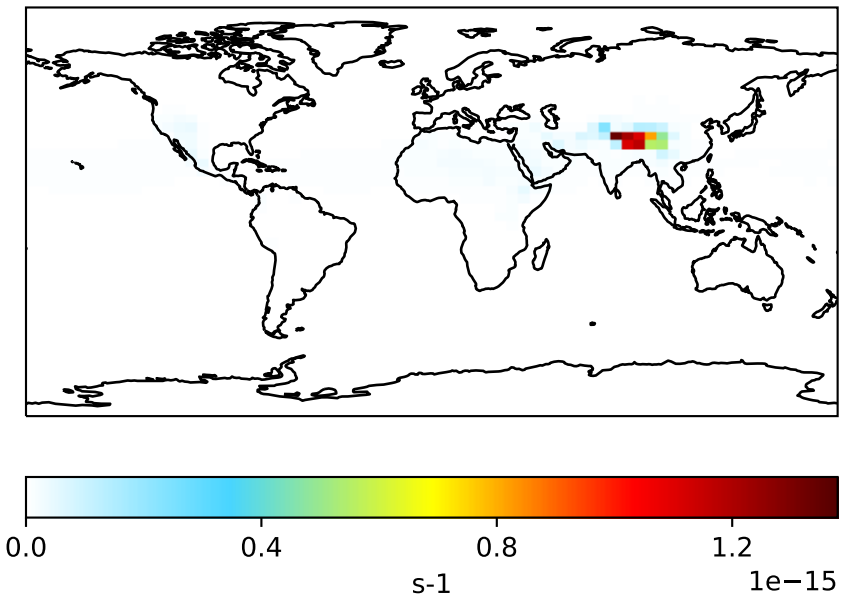



Ratio
Dev/Ref, Fixed Range

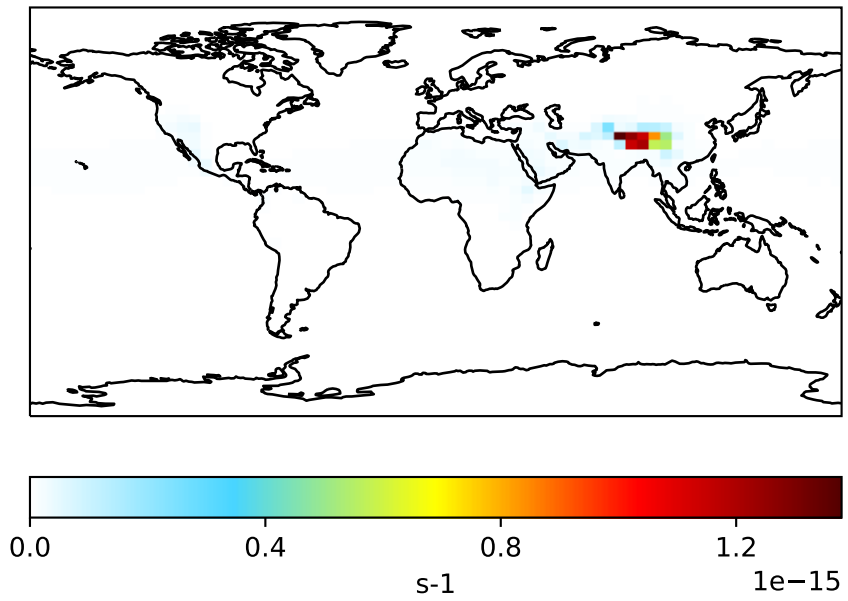


# Jval_N2O (Jul2019)

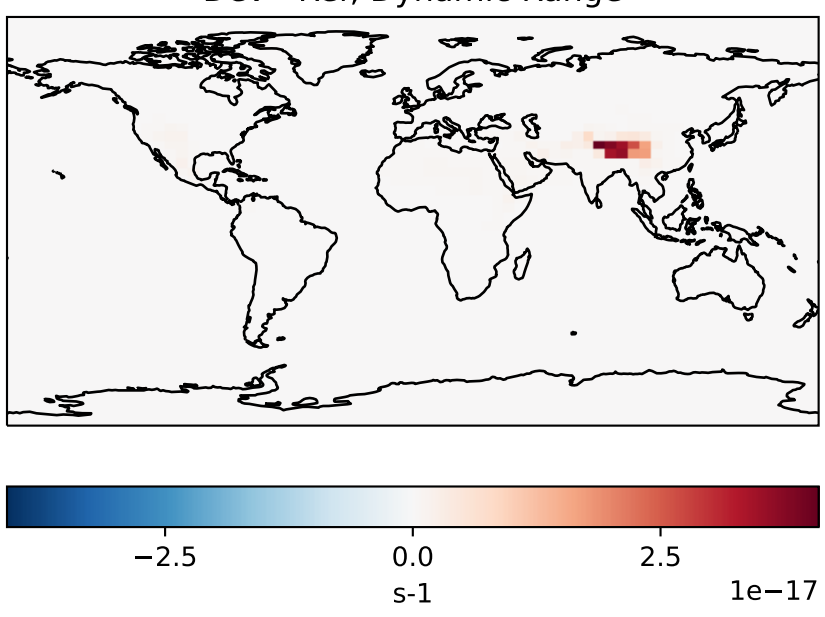
GCC_13.0.0 (Ref)
4.0x5.0



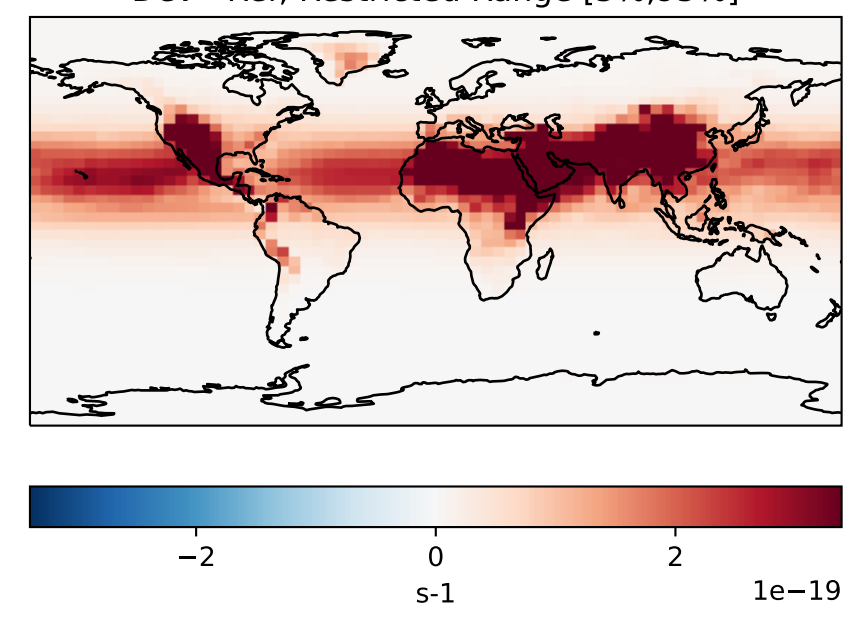

GCC_13.2.0 (Dev)
4.0x5.0



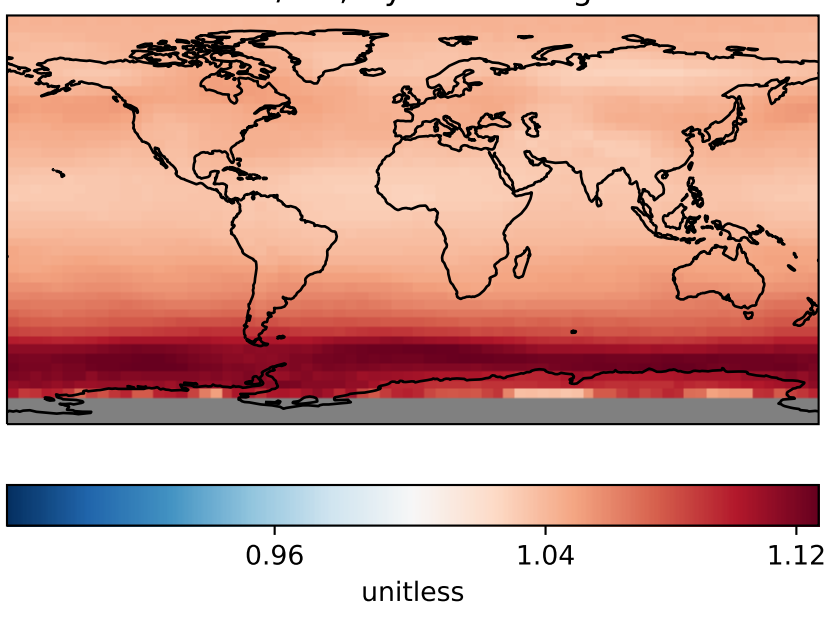

Difference
Dev - Ref, Dynamic Range



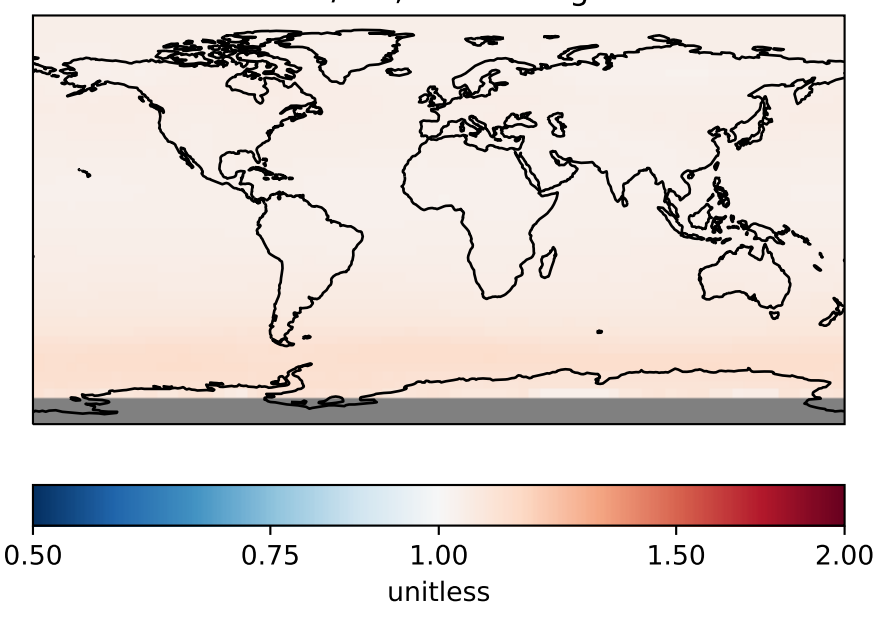

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

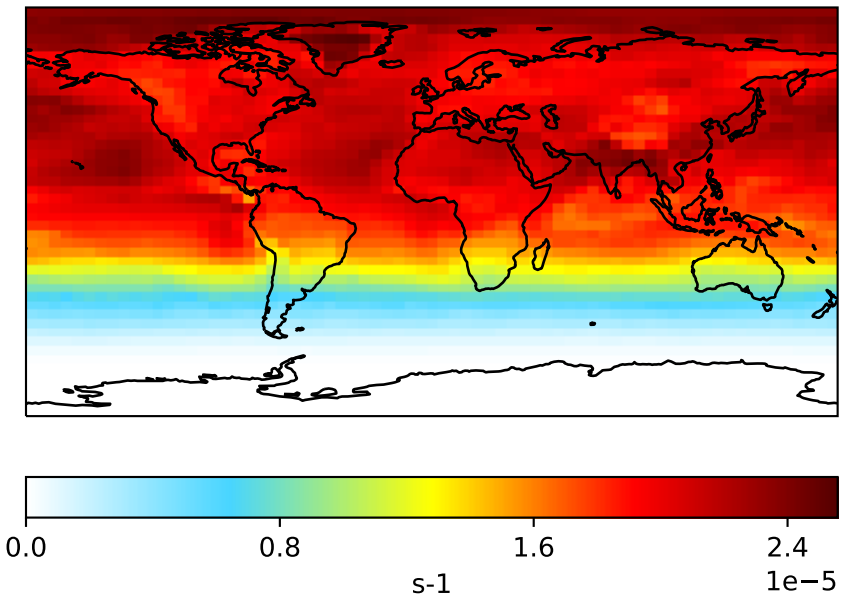



Ratio
Dev/Ref, Fixed Range

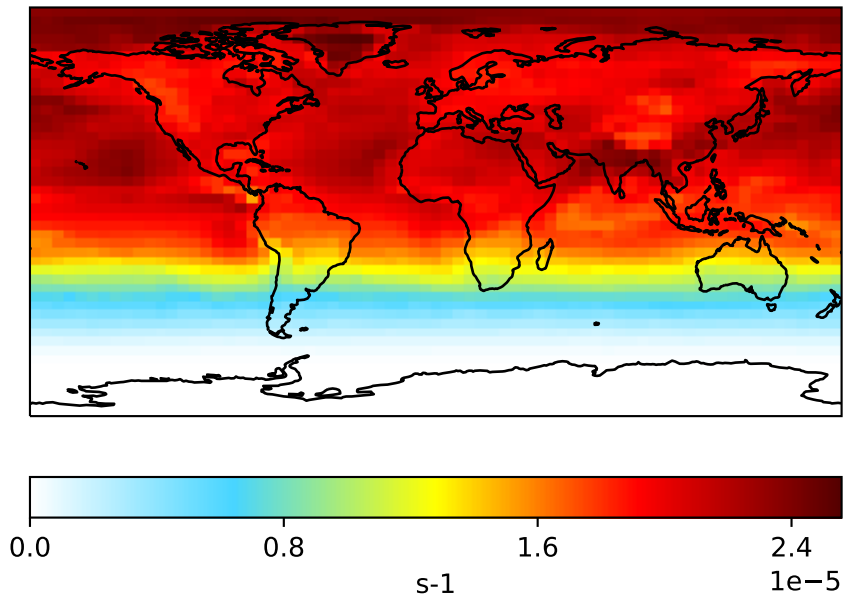


# Jval_N2O5 (Jul2019)

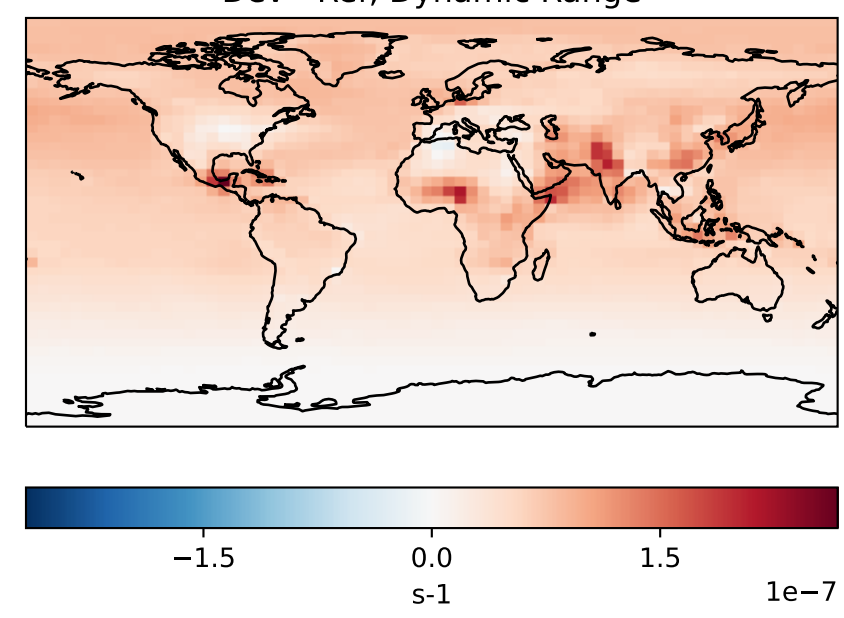
GCC_13.0.0 (Ref)
4.0x5.0



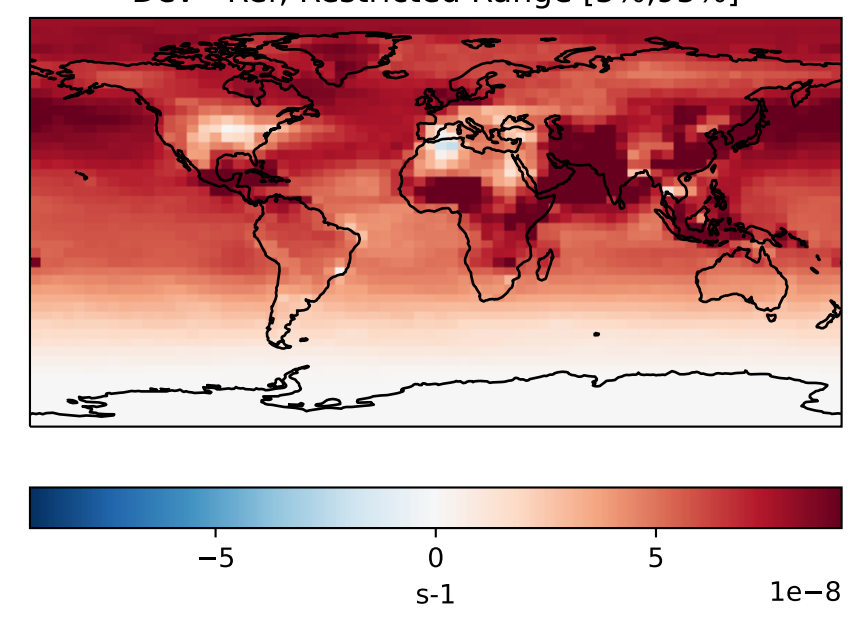

GCC_13.2.0 (Dev)
4.0x5.0



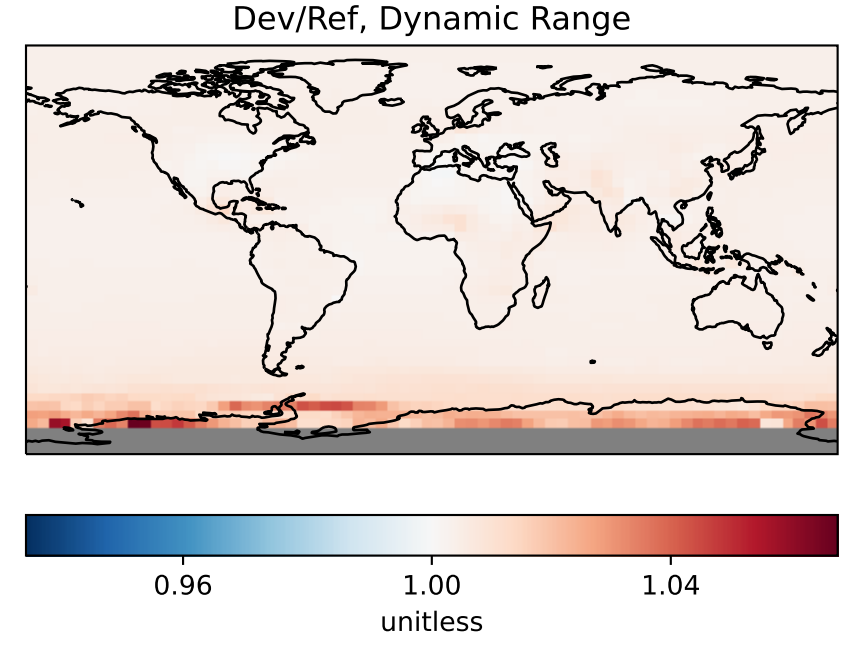

Difference
Dev - Ref, Dynamic Range



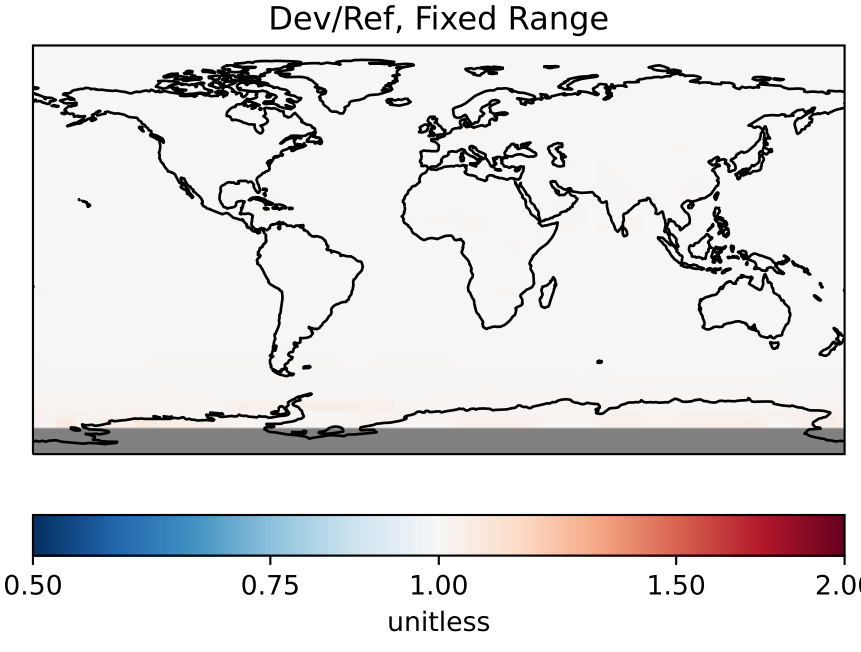

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

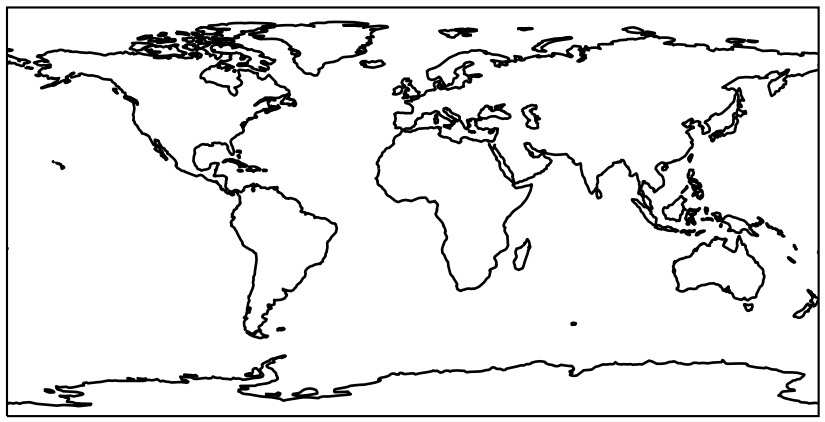



Ratio
Dev/Ref, Fixed Range



# Jval_NIT (Jul2019)

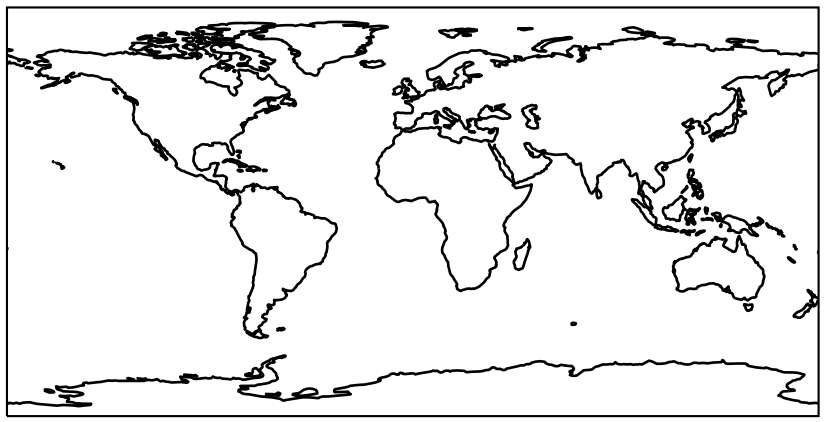
GCC_13.0.0 (Ref)
4.0x5.0





Zero throughout domain
s-1

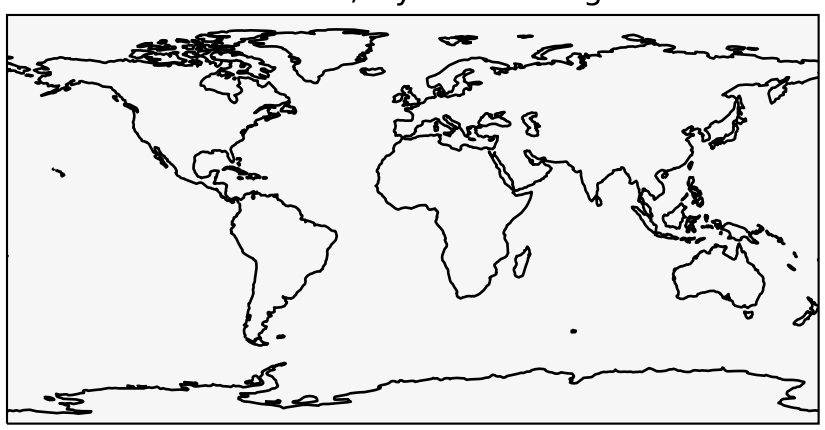
GCC_13.2.0 (Dev)
4.0x5.0





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s-1

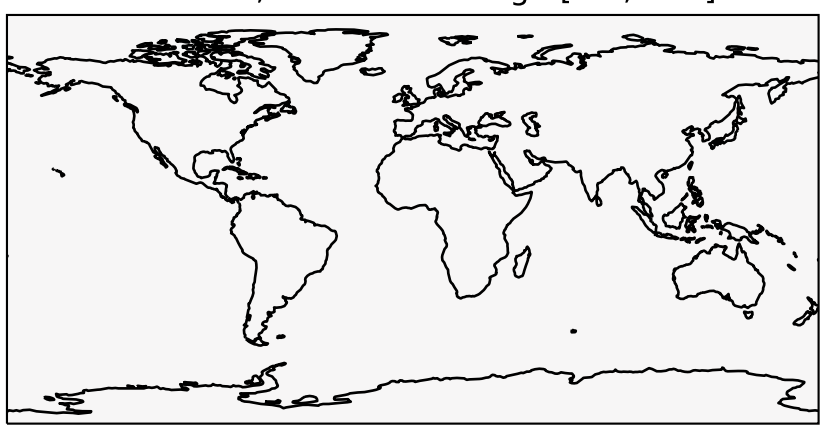
Difference
Dev - Ref, Dynamic Range





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s-1

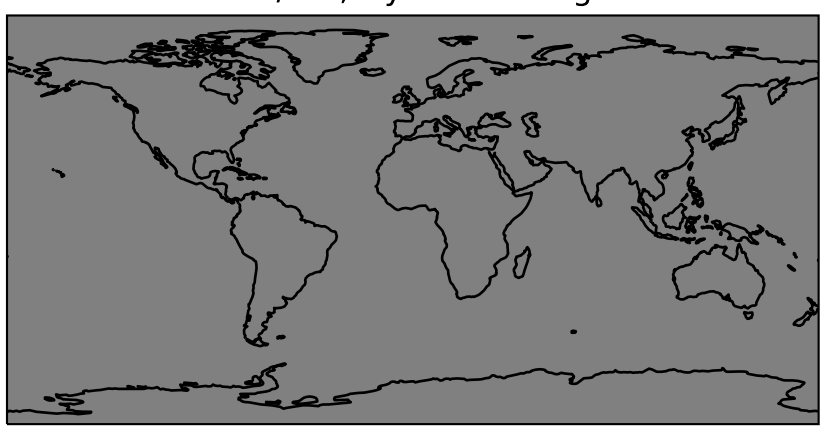
Difference
Dev - Ref, Restricted Range [5%,95%]





Zero throughout domain
s-1

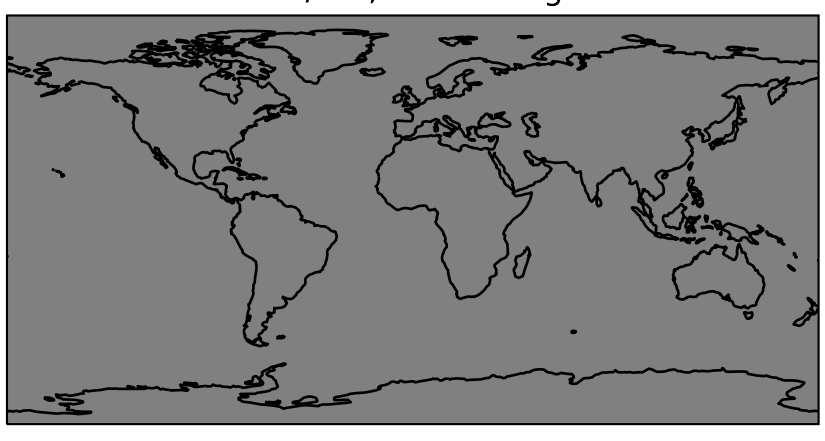
Ratio
Dev/Ref, Dynamic Range





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unitless

Ratio
Dev/Ref, Fixed Range

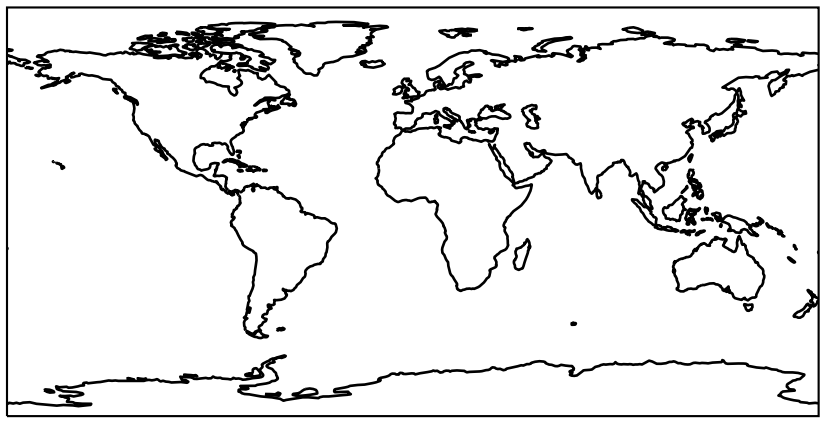




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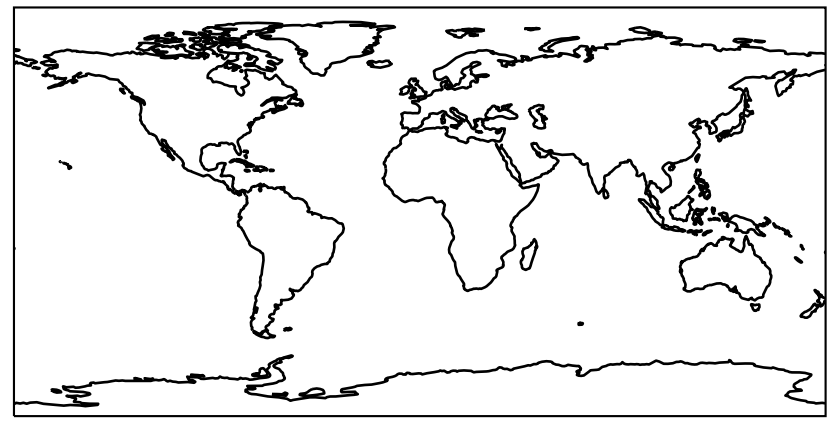
# Jval_NITs (Jul2019)

GCC_13.0.0 (Ref)
4.0x5.0



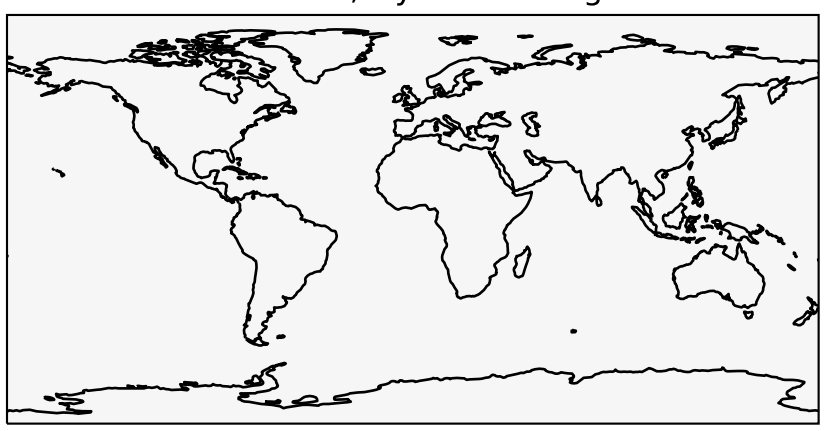
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s-1

GCC_13.2.0 (Dev)
4.0x5.0



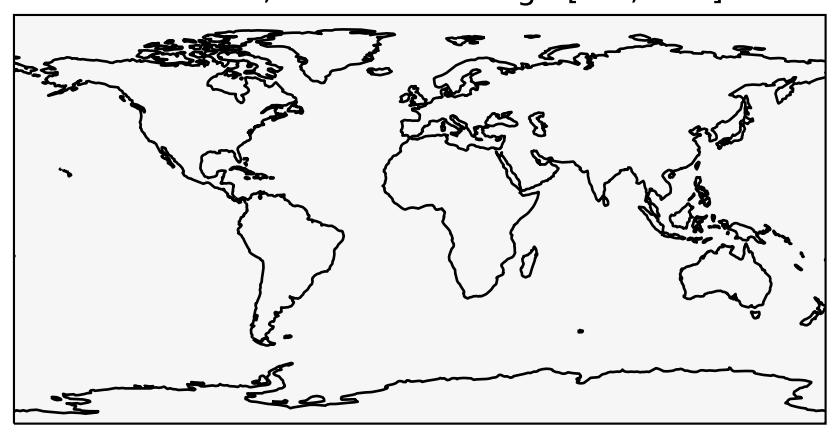
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s-1

Difference
Dev - Ref, Dynamic Range



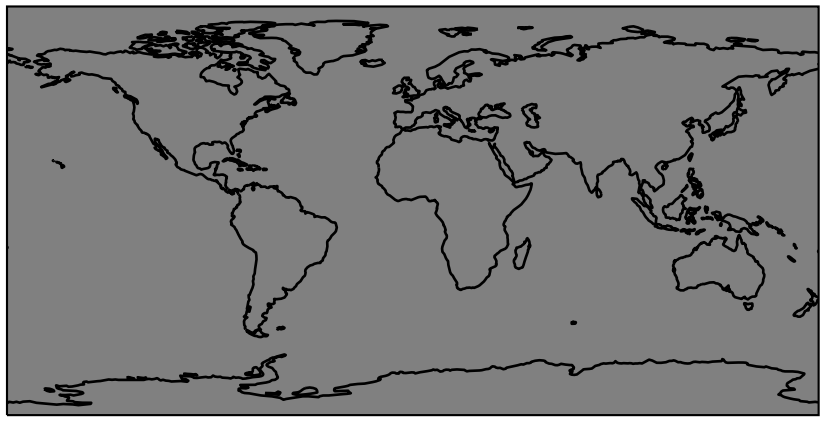
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s-1

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



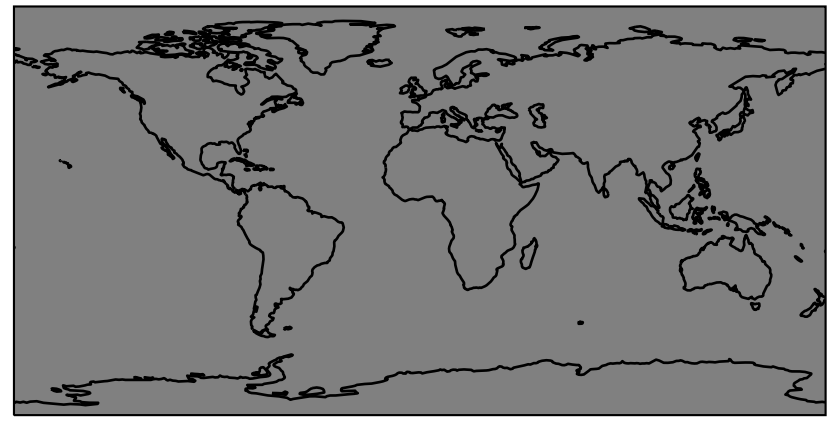
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s-1

Ratio
Dev/Ref, Dynamic Range



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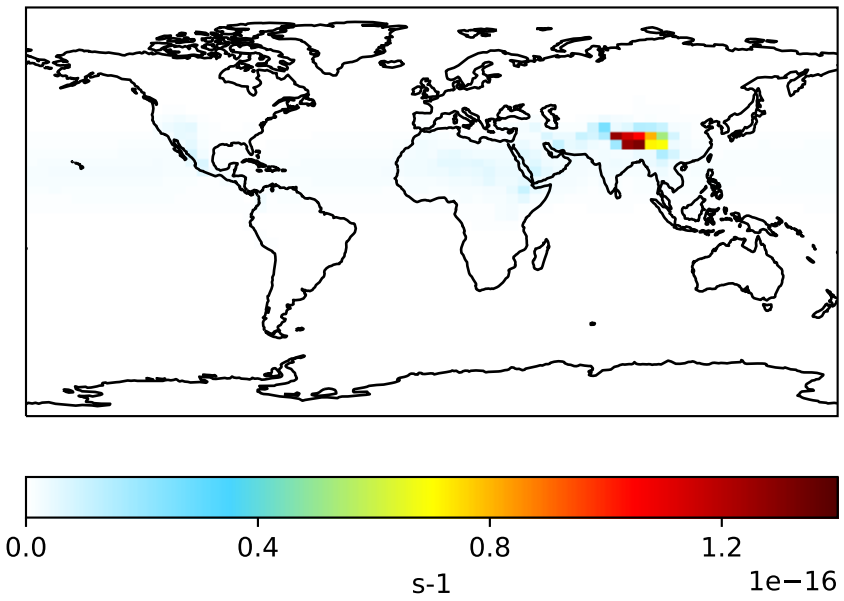
Ratio
Dev/Ref, Fixed Range



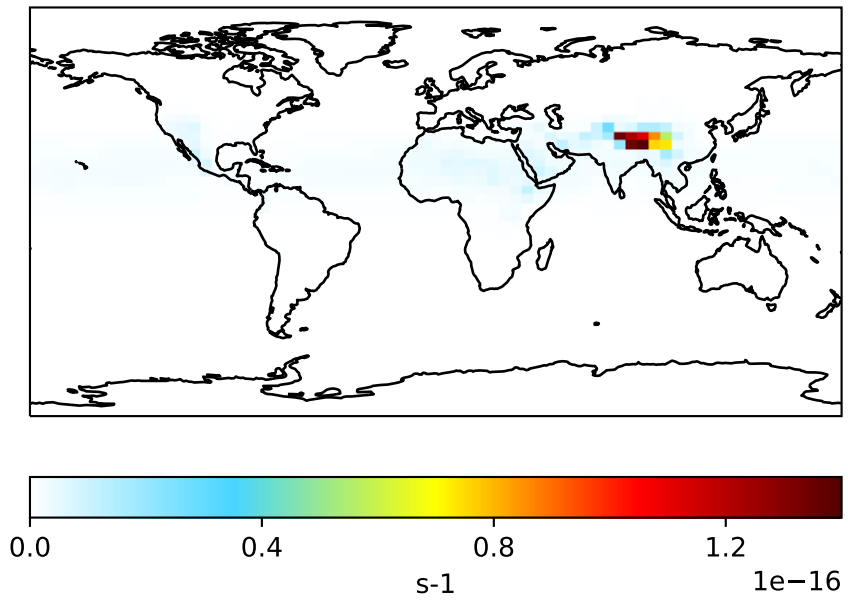
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# Jval_NO (Jul2019)

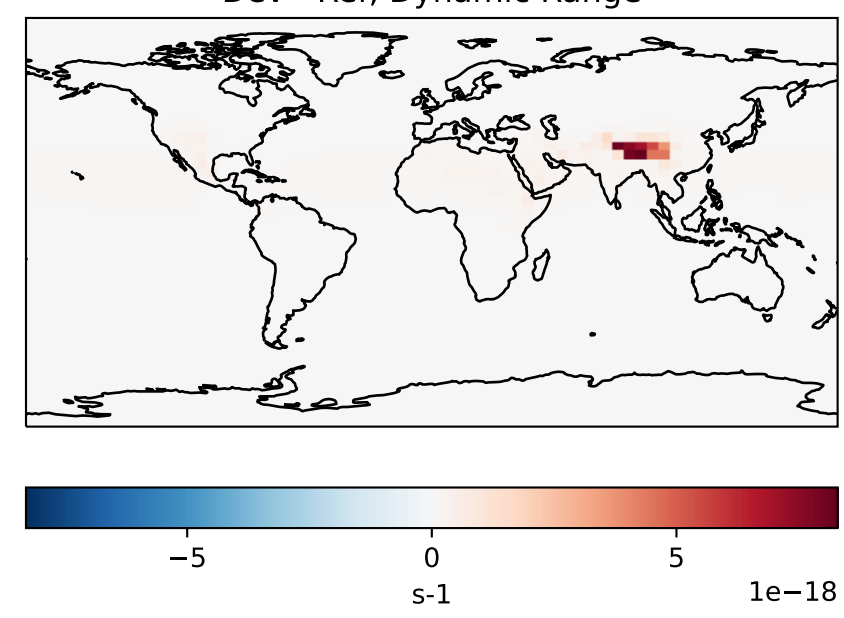
GCC_13.0.0 (Ref)
4.0x5.0



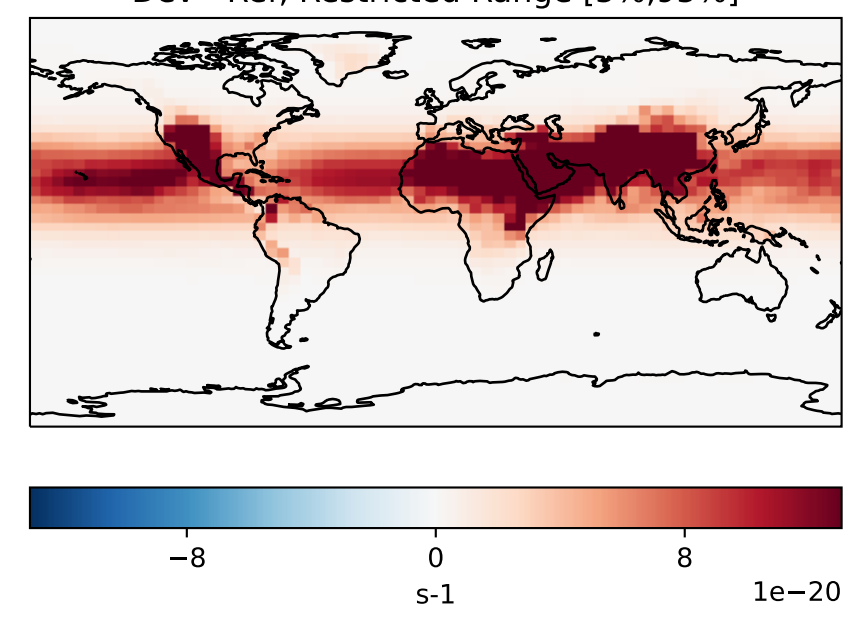

GCC_13.2.0 (Dev)
4.0x5.0



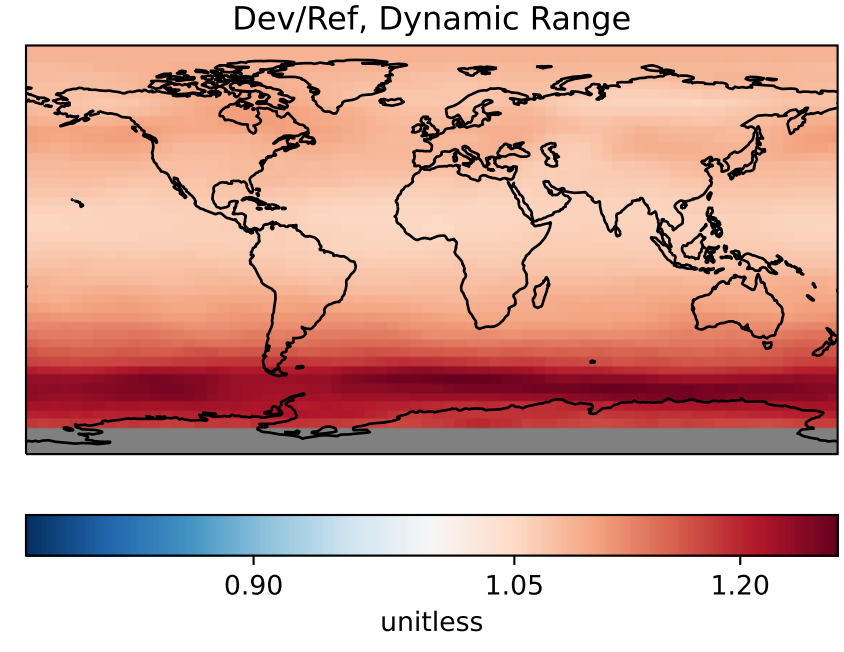

Difference
Dev - Ref, Dynamic Range



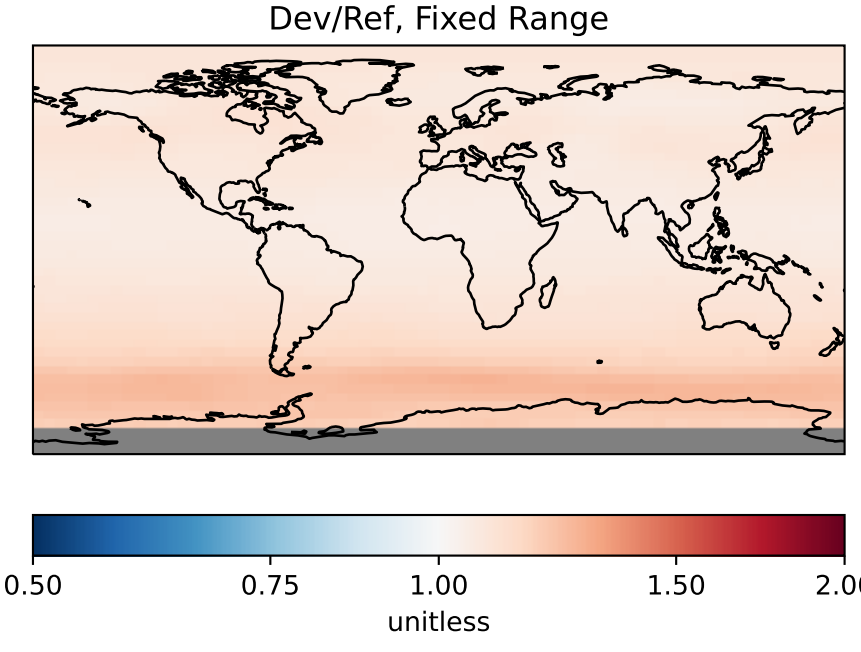

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

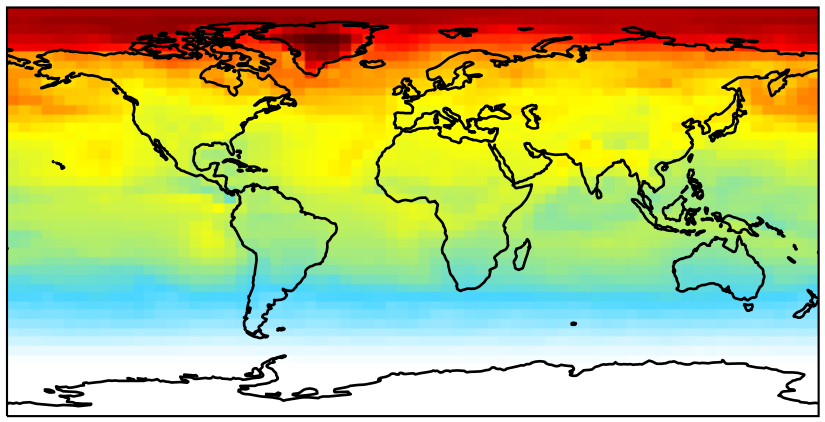


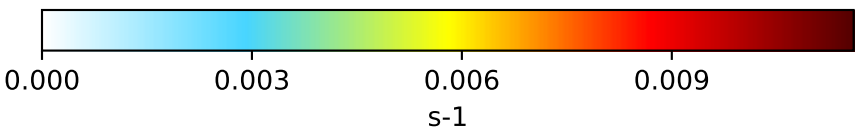

Ratio
Dev/Ref, Fixed Range



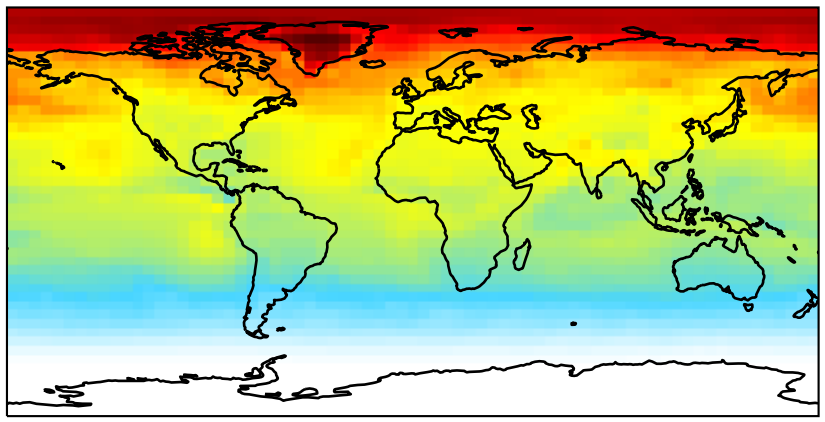
# Jval_NO2 (Jul2019)

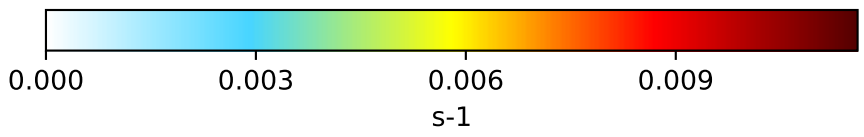
GCC_13.0.0 (Ref)
4.0x5.0



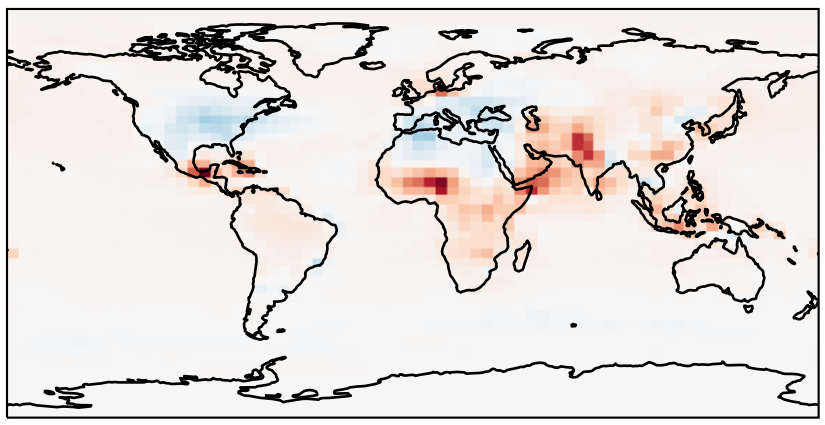


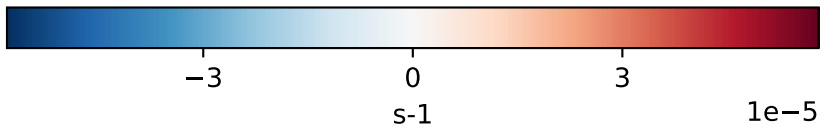

GCC_13.2.0 (Dev)
4.0x5.0



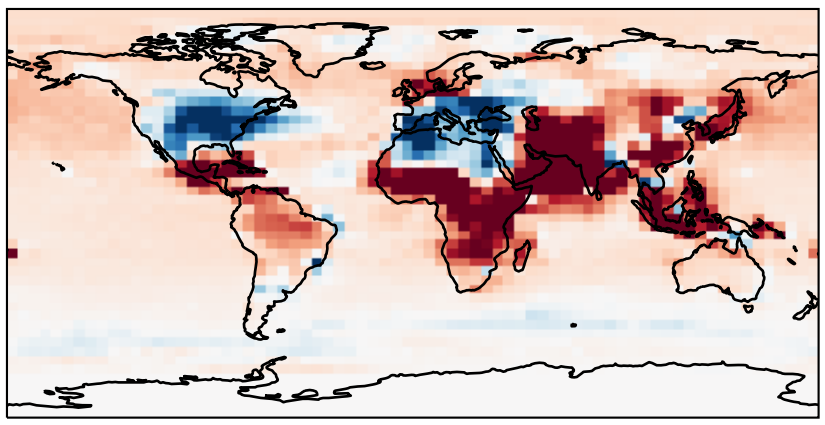


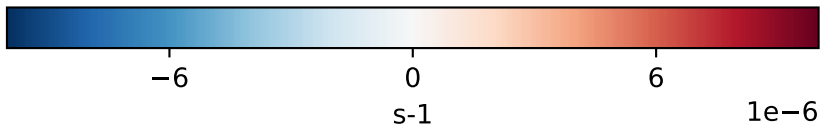

Difference
Dev - Ref, Dynamic Range



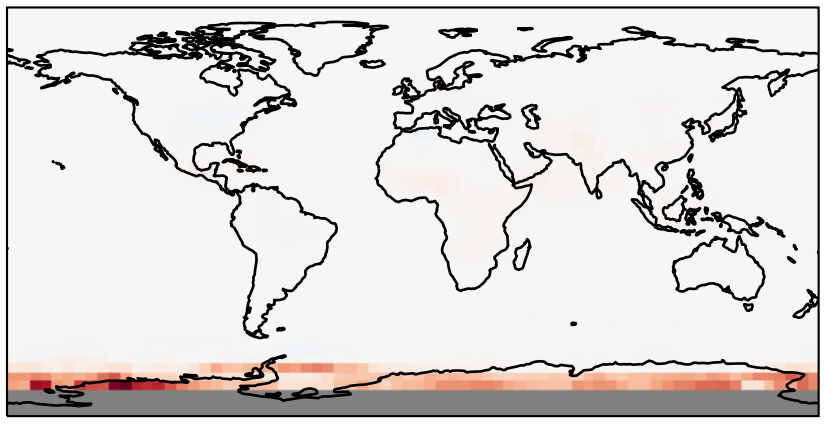


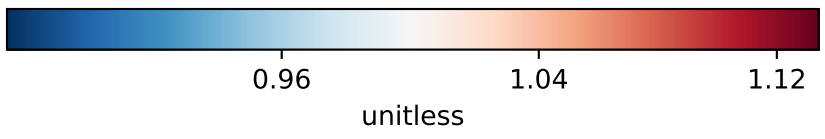

Difference
Dev - Ref, Restricted Range [5%,95%]





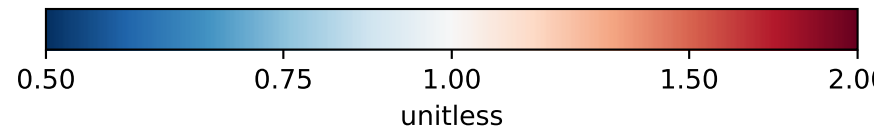

Ratio
Dev/Ref, Dynamic Range





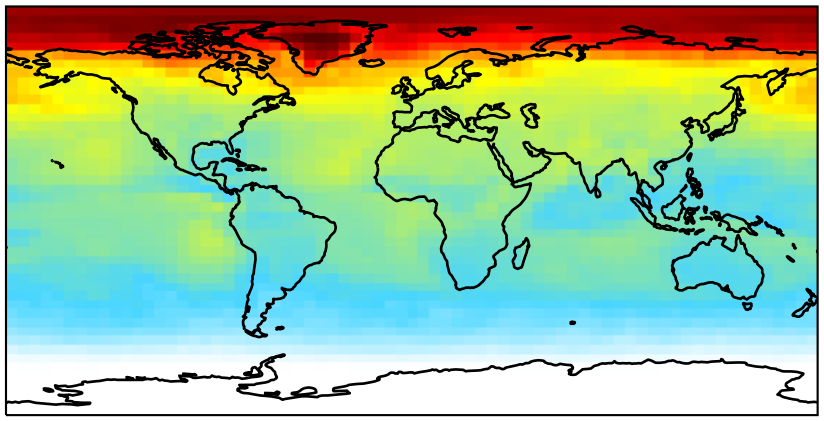

Ratio
Dev/Ref, Fixed Range

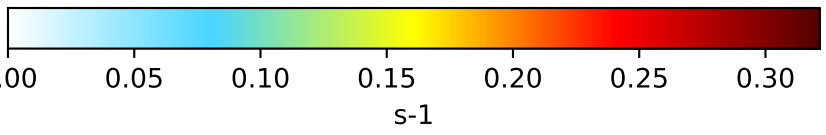




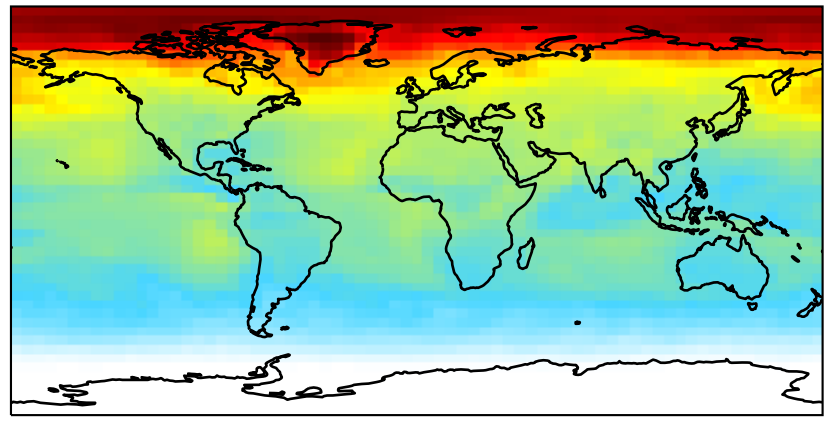
# Jval_NO3 (Jul2019)

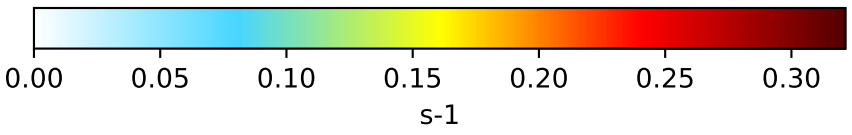
GCC_13.0.0 (Ref)
4.0x5.0



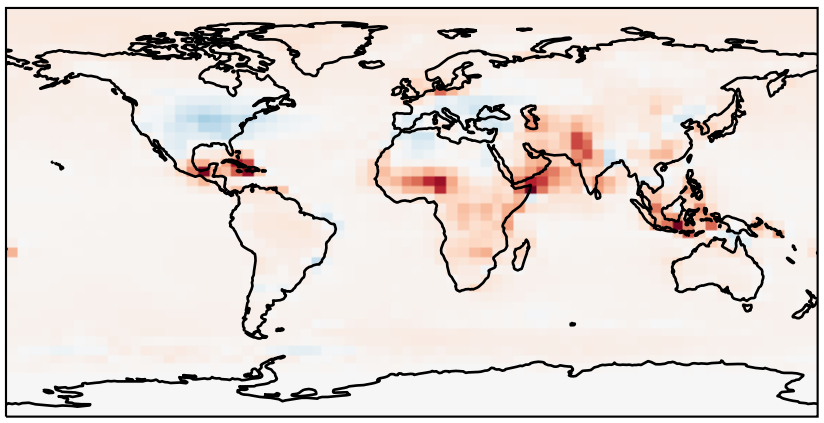


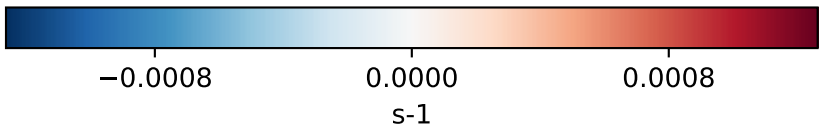

GCC_13.2.0 (Dev)
4.0x5.0



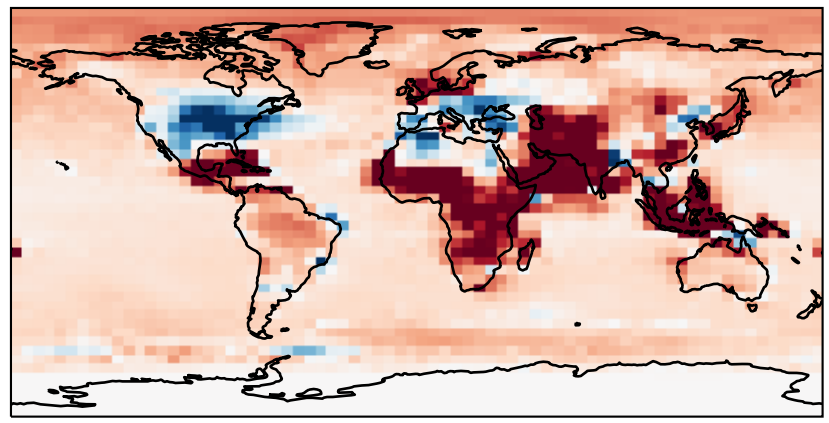


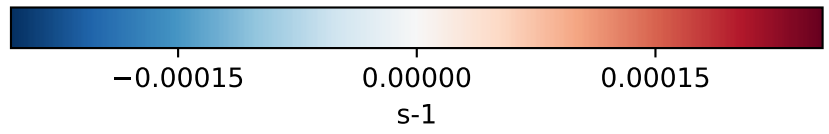

Difference
Dev - Ref, Dynamic Range



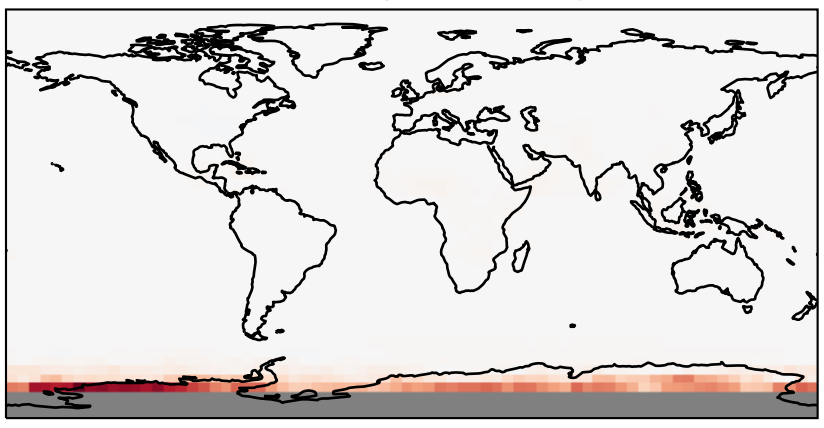


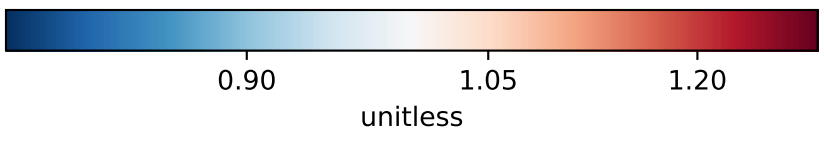

Difference
Dev - Ref, Restricted Range [5%,95%]



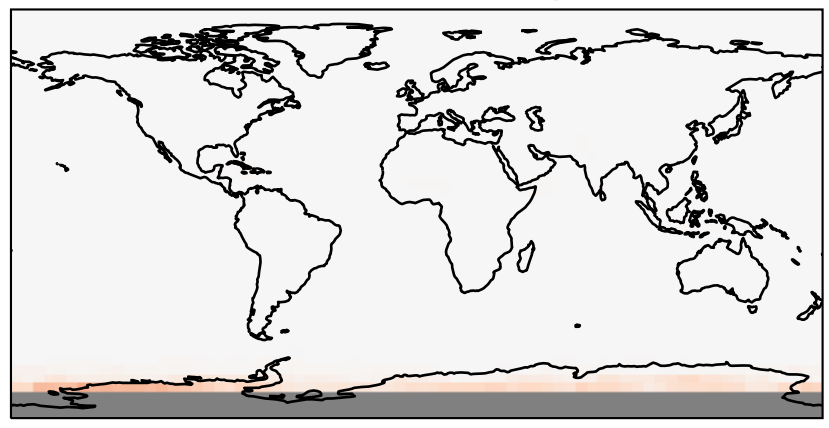


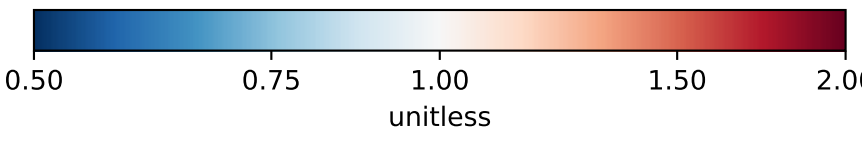

Ratio
Dev/Ref, Dynamic Range





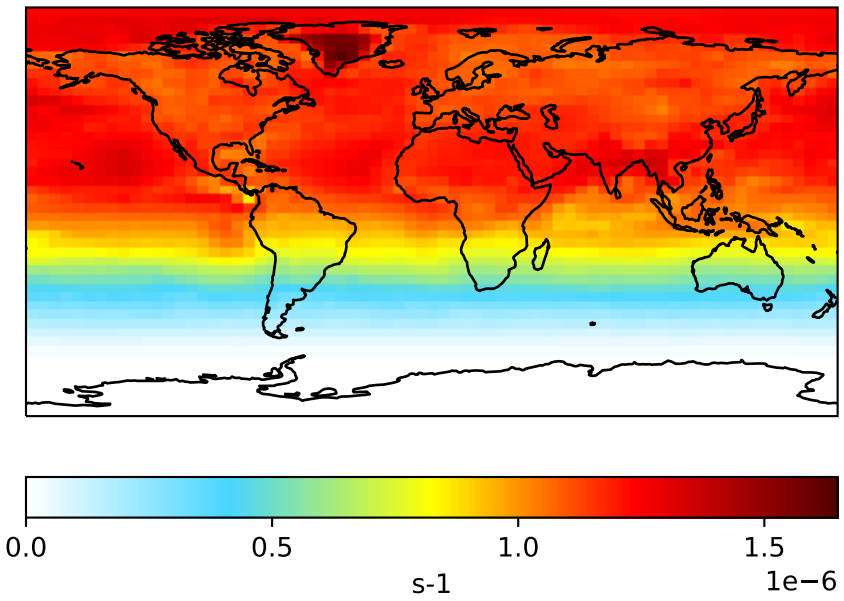

Ratio
Dev/Ref, Fixed Range



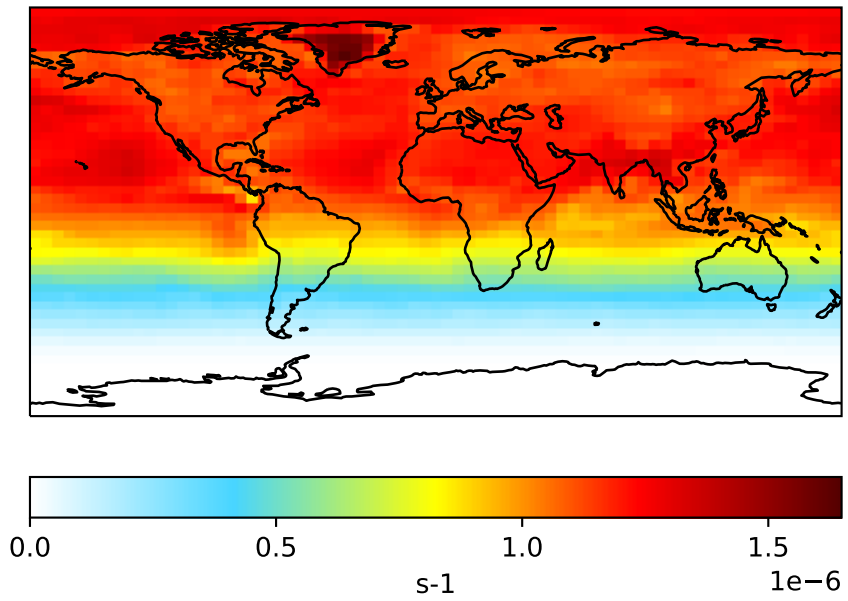


# Jval_NPRNO3 (Jul2019)

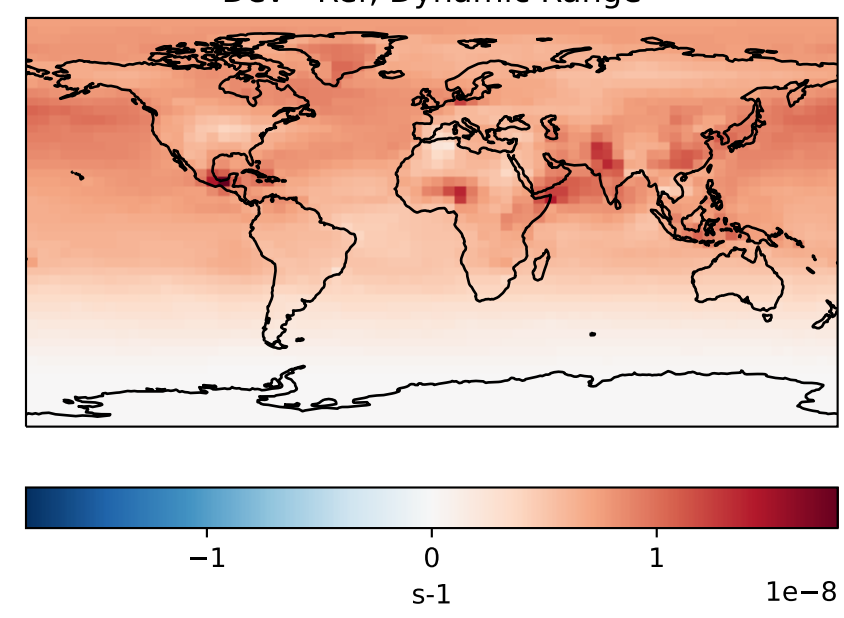
GCC_13.0.0 (Ref)
4.0x5.0



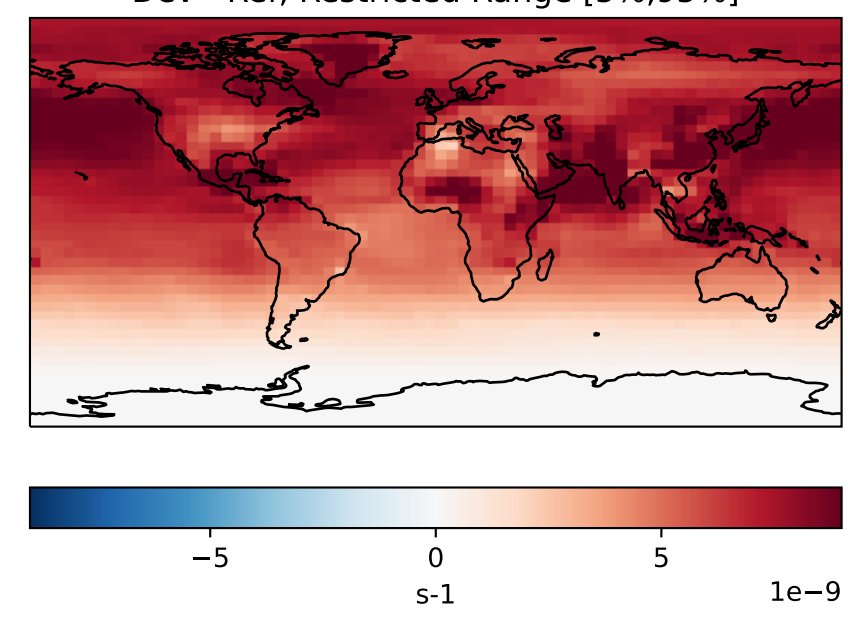

GCC_13.2.0 (Dev)
4.0x5.0



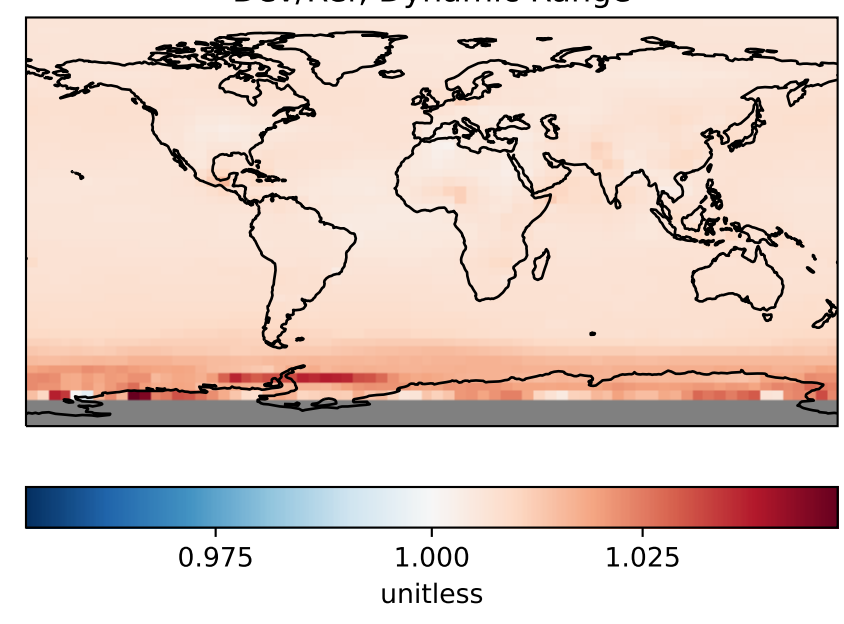

Difference
Dev - Ref, Dynamic Range



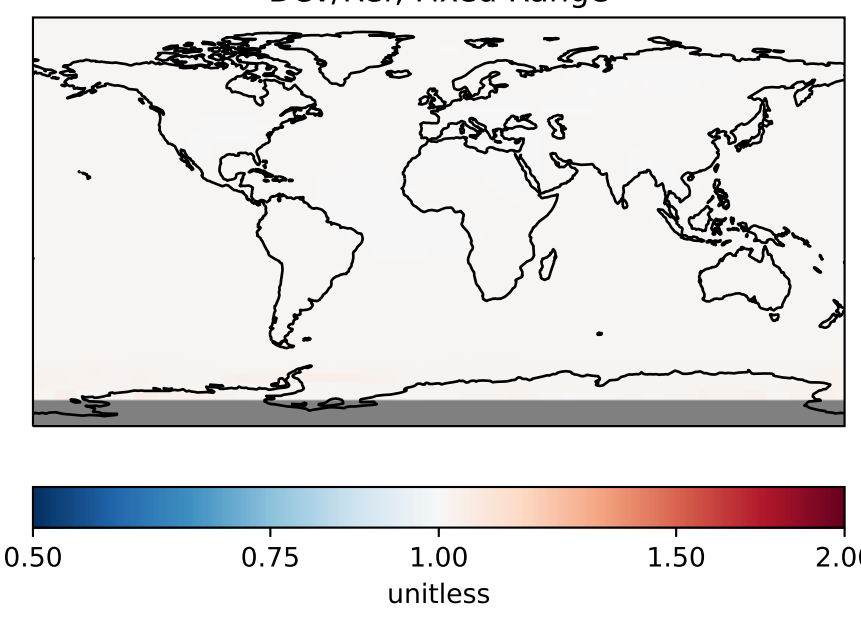

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

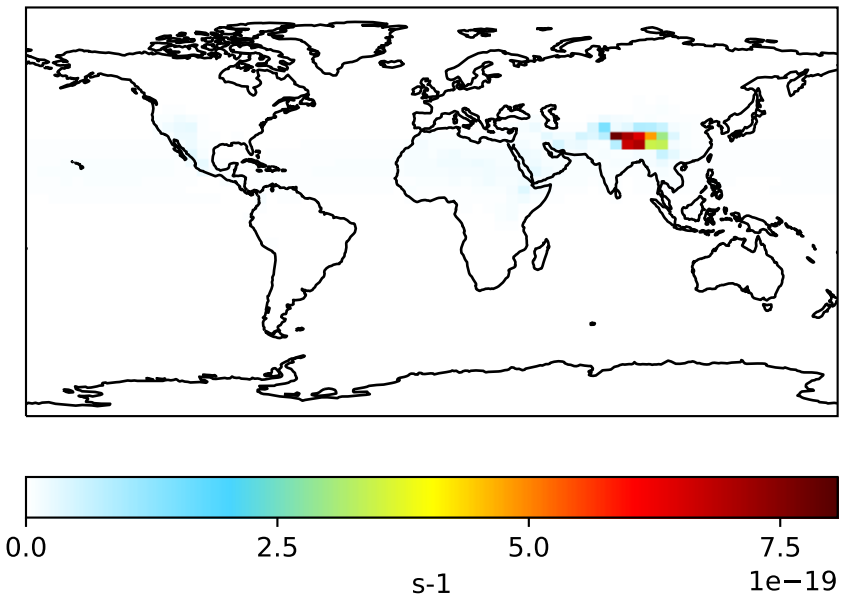



Ratio
Dev/Ref, Fixed Range

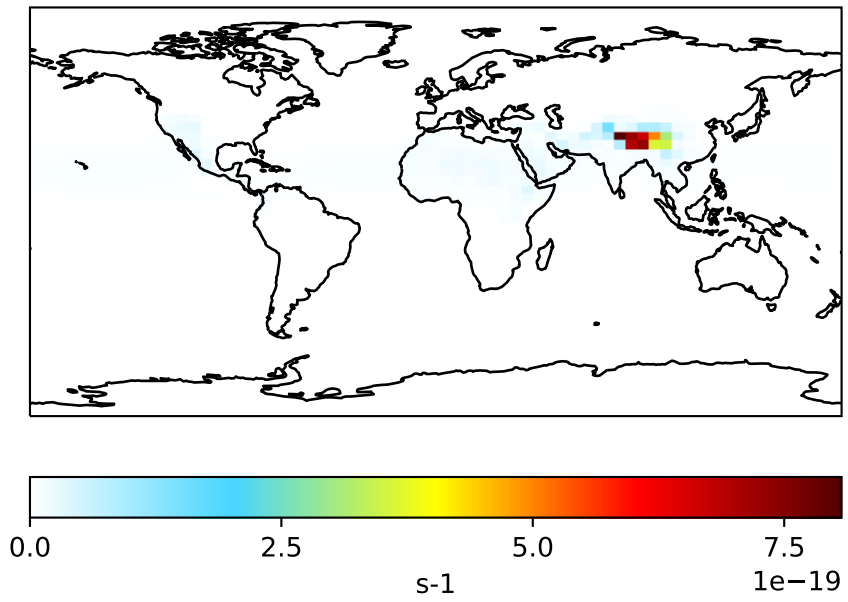


# Jval_O2 (Jul2019)

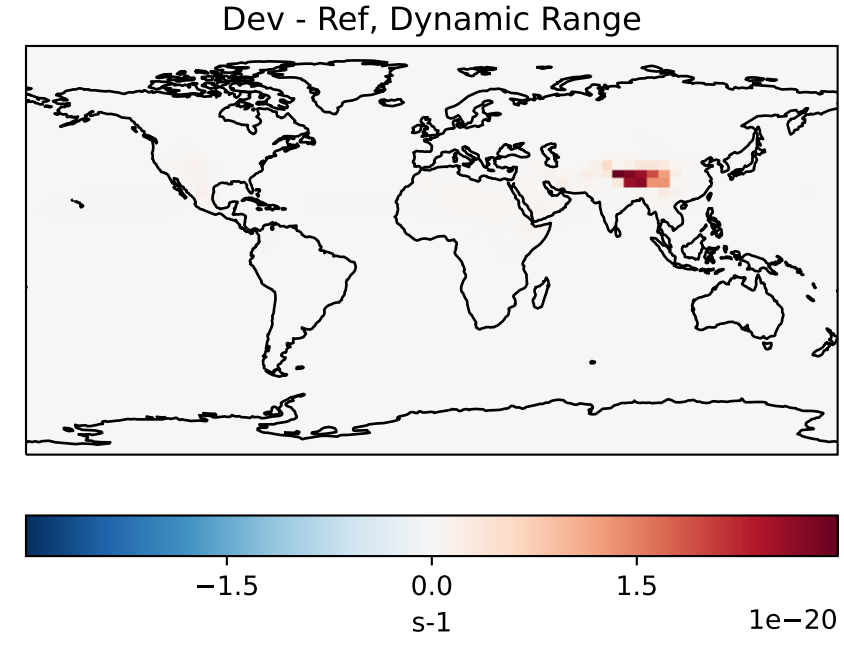
GCC_13.0.0 (Ref)
4.0x5.0



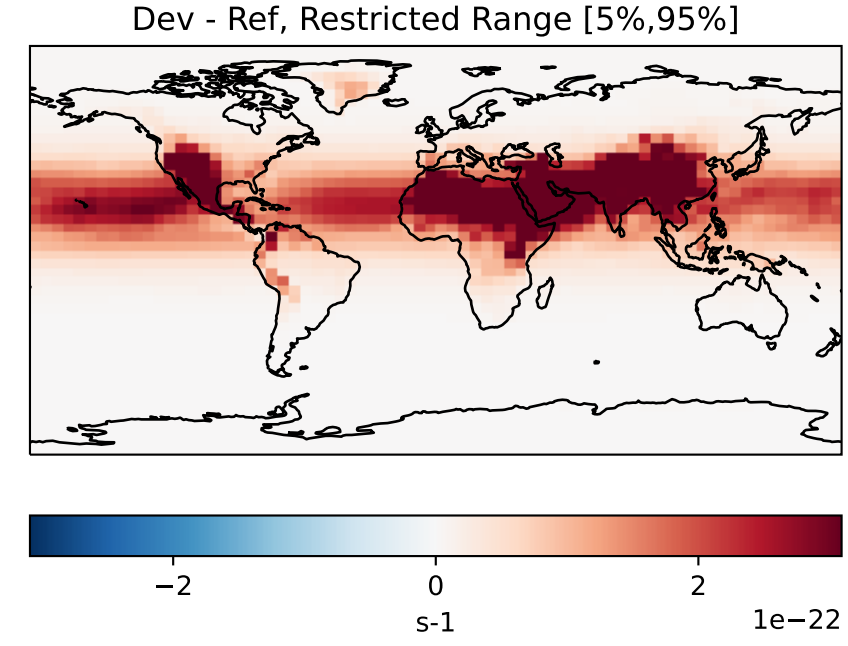

GCC_13.2.0 (Dev)
4.0x5.0



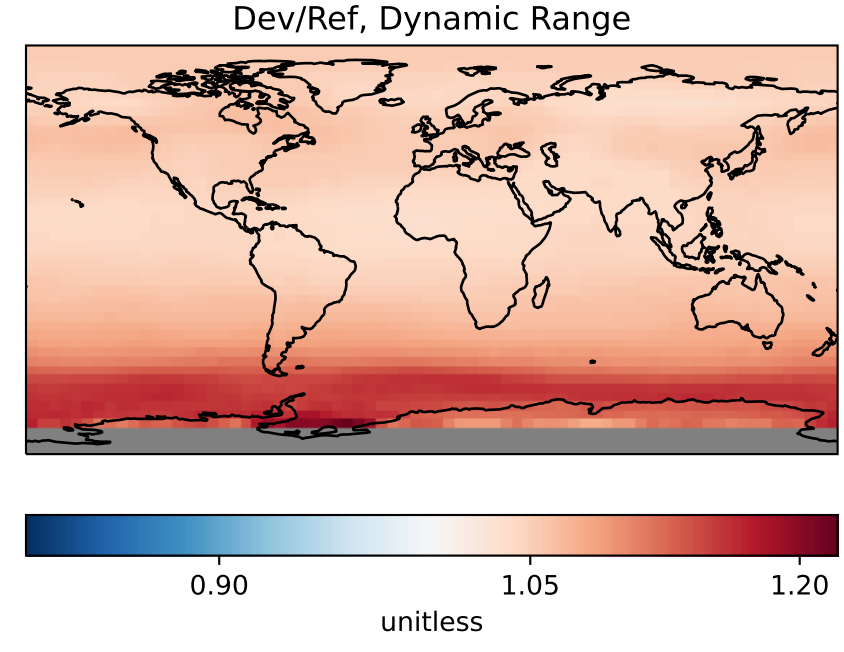

Difference
Dev - Ref, Dynamic Range



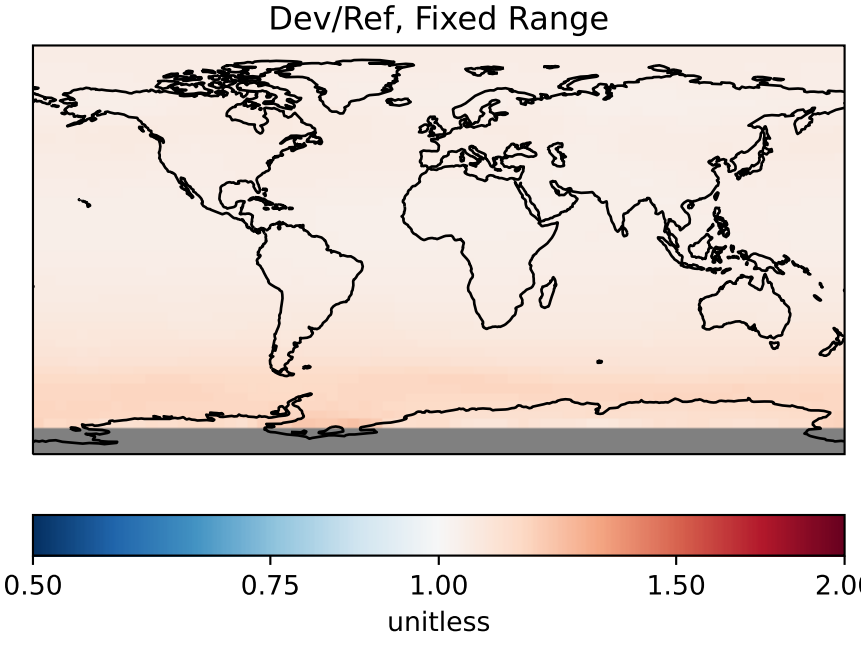

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

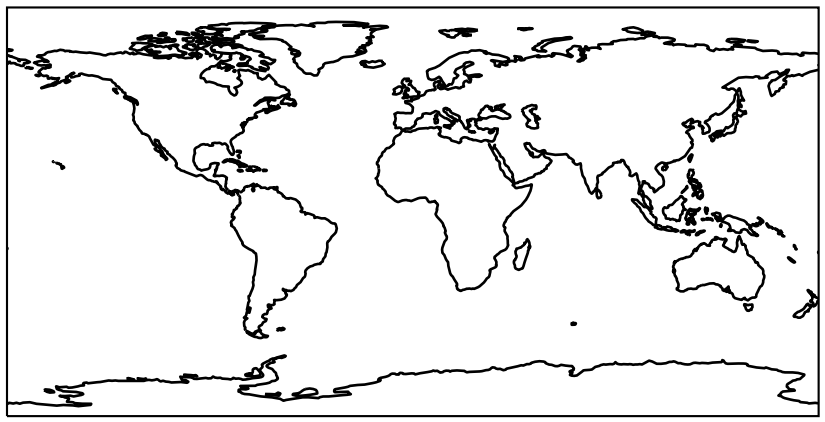



Ratio
Dev/Ref, Fixed Range



# Jval_O3 (Jul2019)

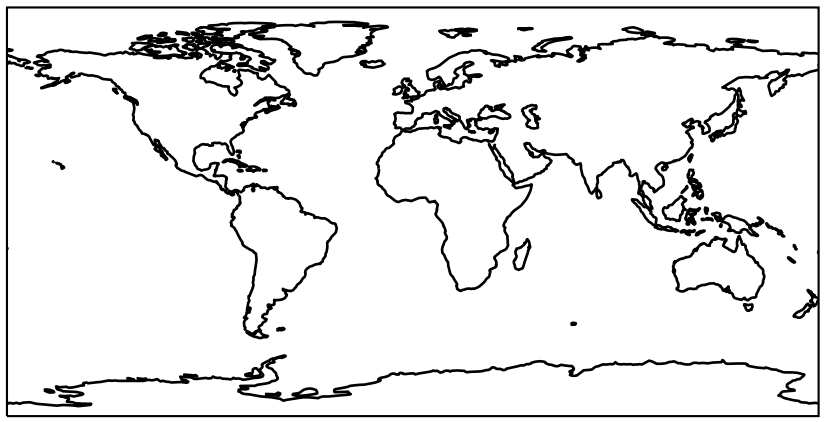
GCC_13.0.0 (Ref)
4.0x5.0





Zero throughout domain
s-1

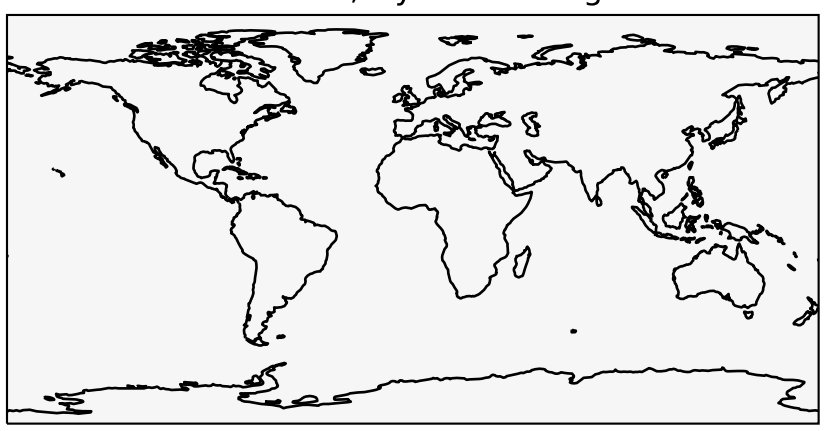
GCC_13.2.0 (Dev)
4.0x5.0





Zero throughout domain
s-1

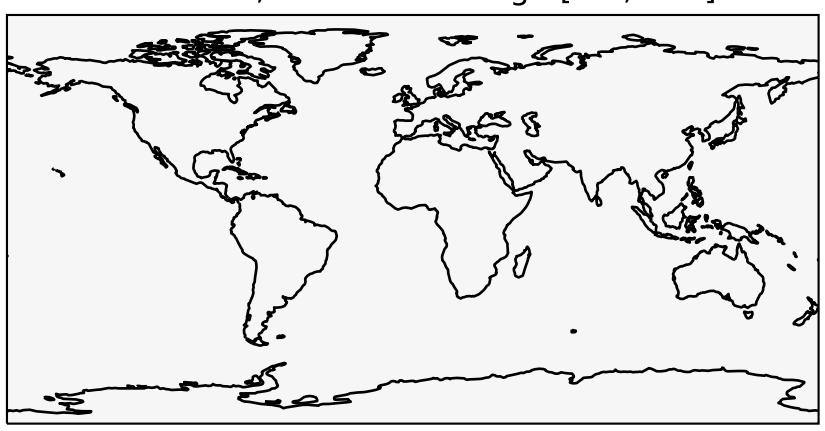
Difference
Dev - Ref, Dynamic Range





Zero throughout domain
s-1

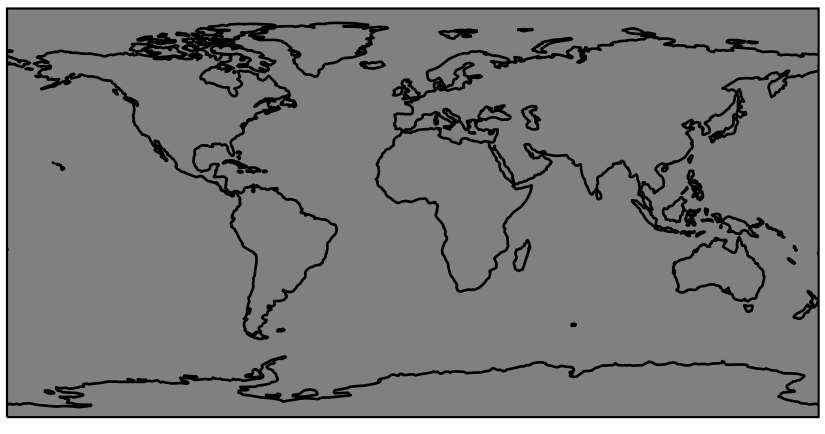
Difference
Dev - Ref, Restricted Range [5%,95%]





Zero throughout domain
s-1

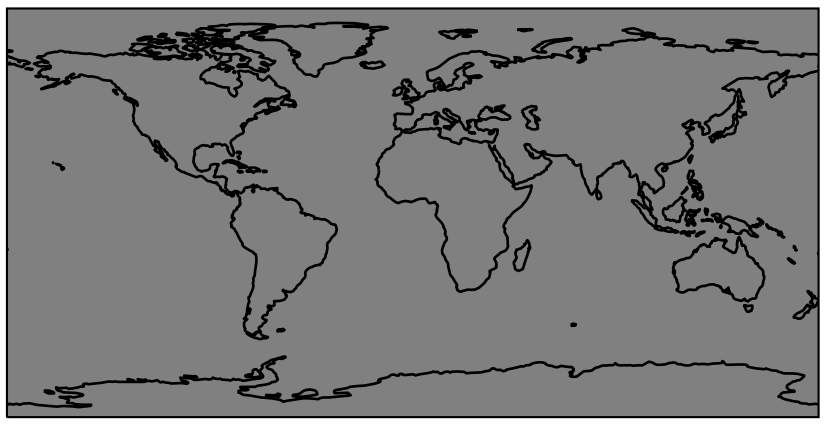
Ratio
Dev/Ref, Dynamic Range





Undefined throughout domain
unitless

Ratio
Dev/Ref, Fixed Range

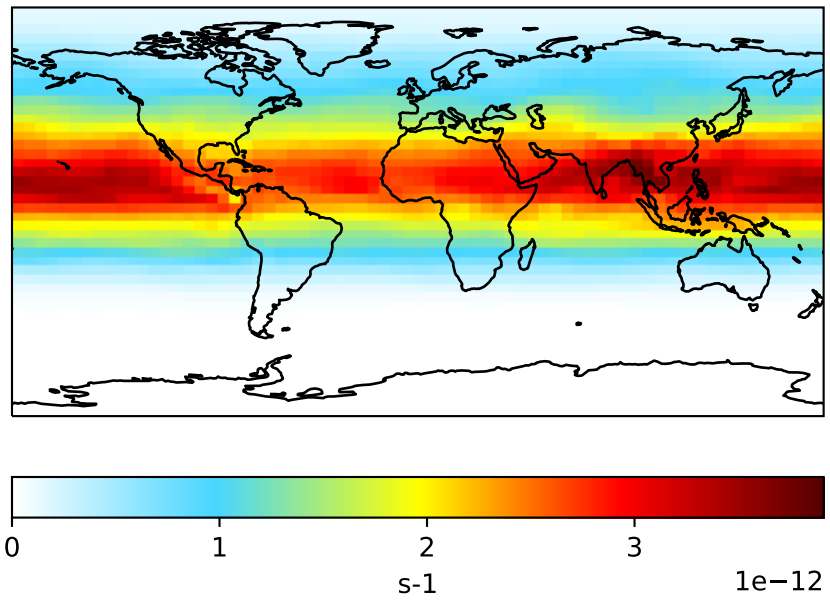




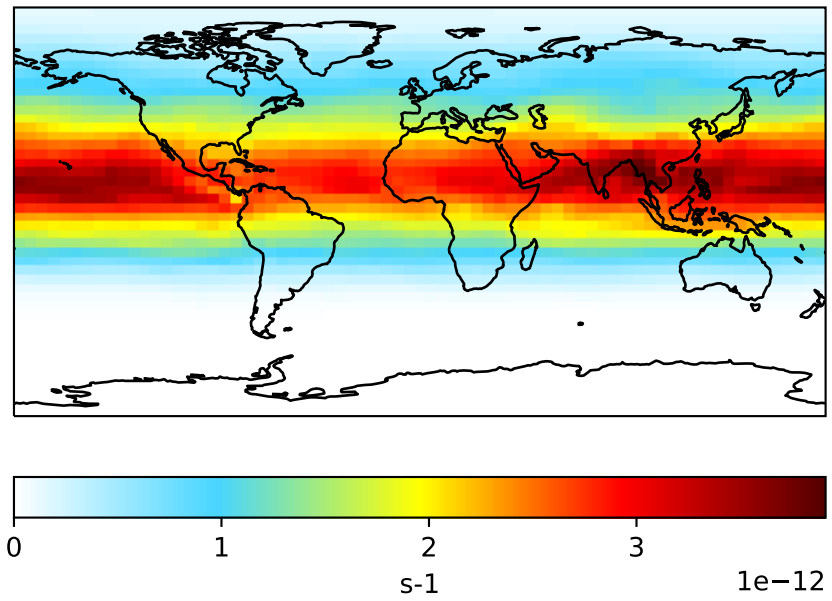
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# Jval_OCS (Jul2019)

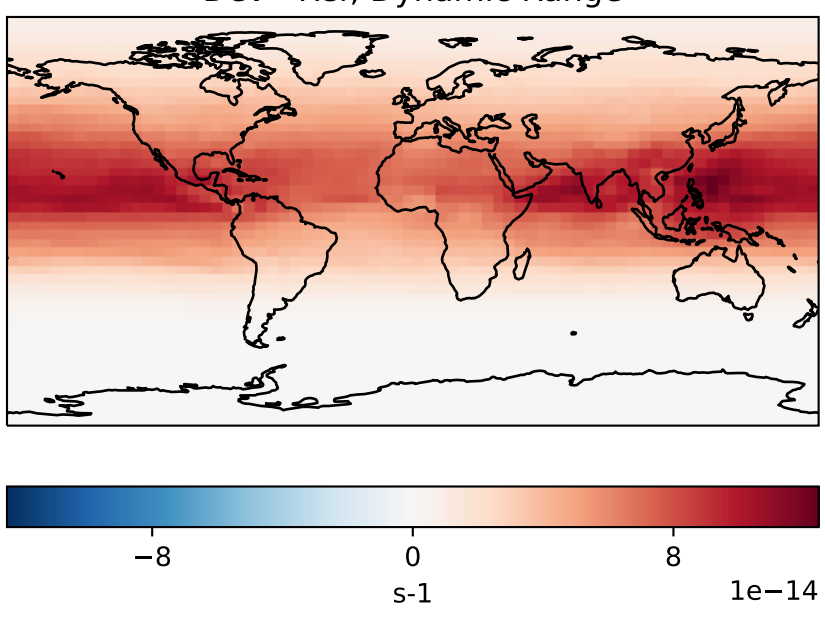
GCC_13.0.0 (Ref)
4.0x5.0



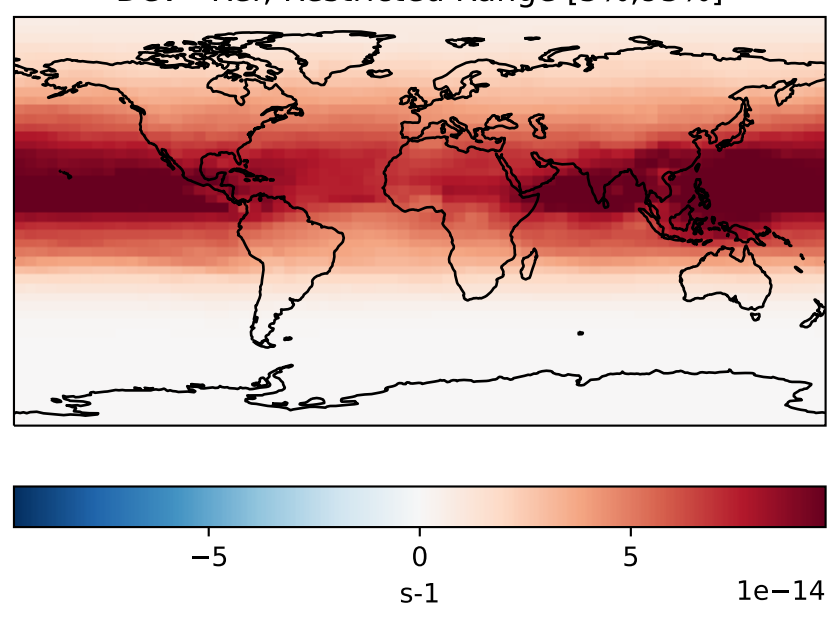

GCC_13.2.0 (Dev)
4.0x5.0



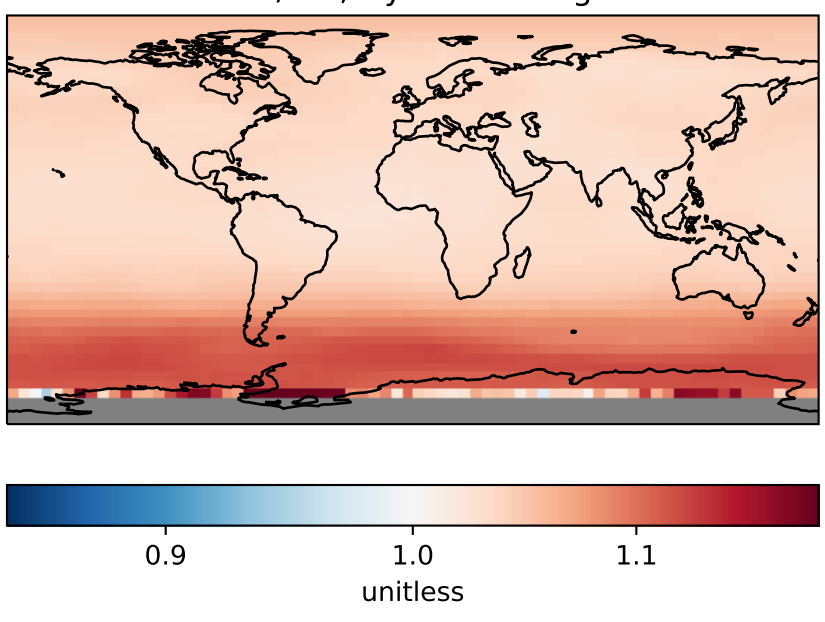

Difference
Dev - Ref, Dynamic Range



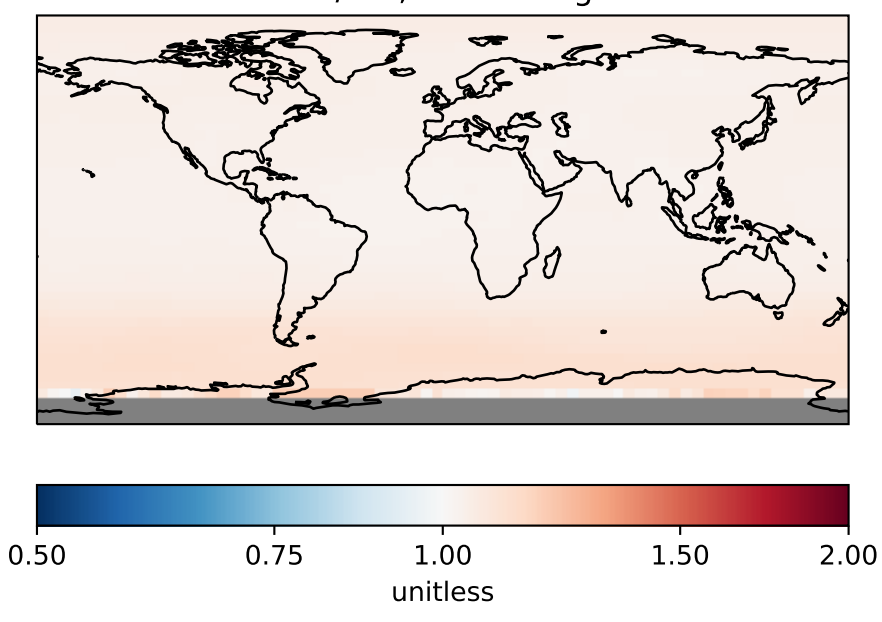

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

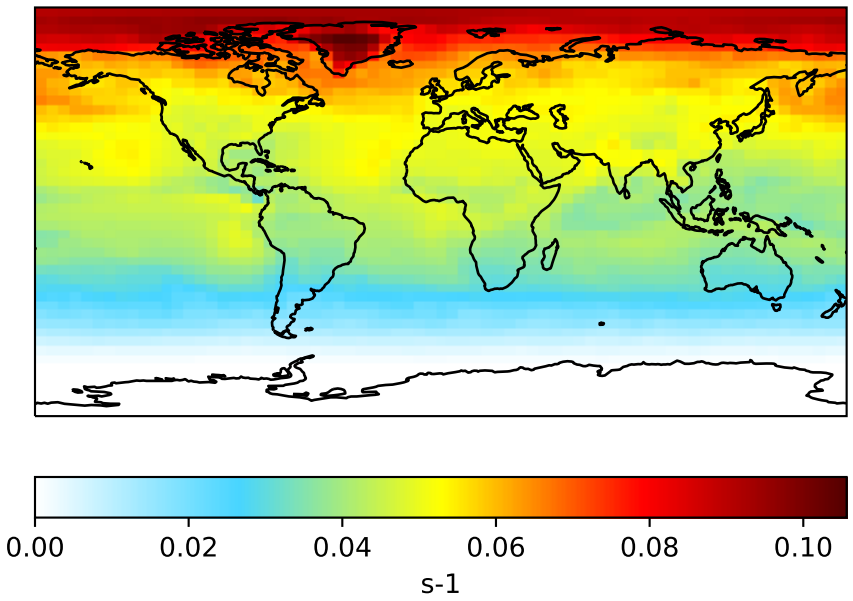



Ratio
Dev/Ref, Fixed Range



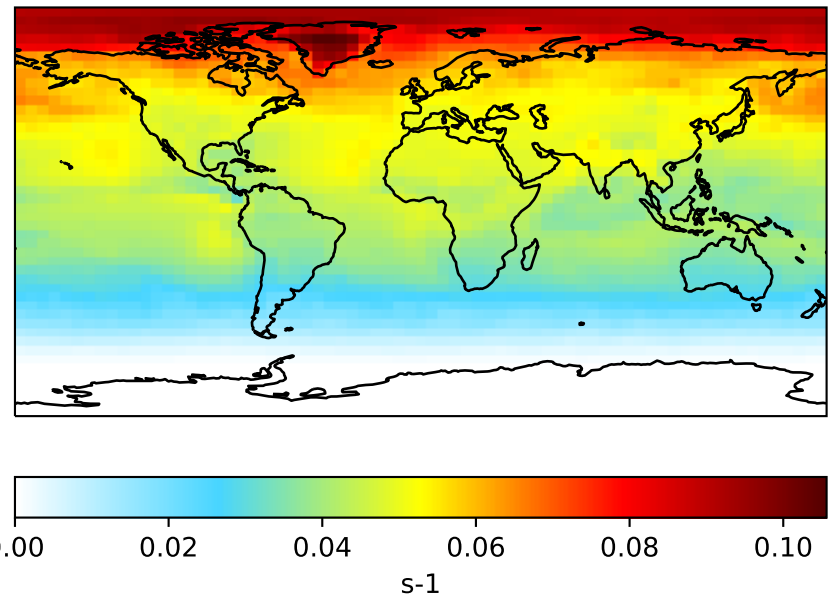
# Jval_OClO (Jul2019)

GCC_13.0.0 (Ref)
4.0x5.0



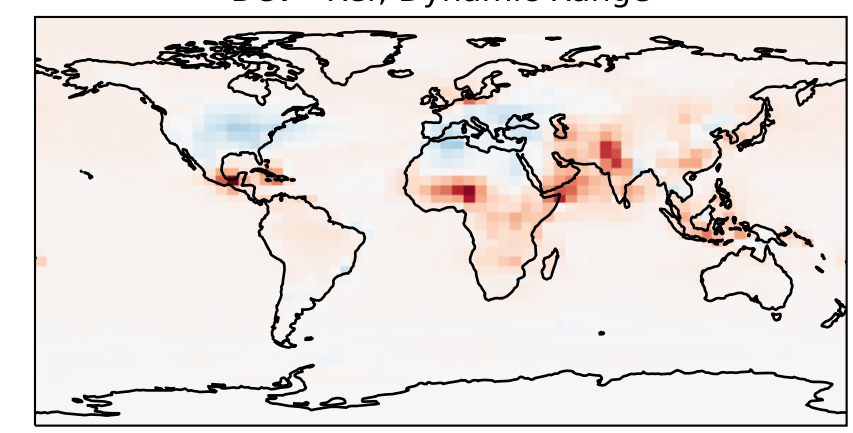


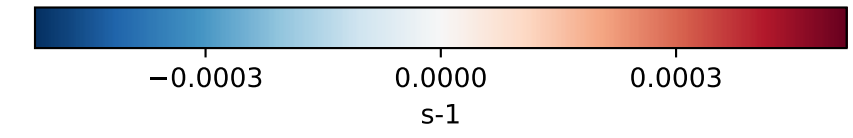

GCC_13.2.0 (Dev)
4.0x5.0



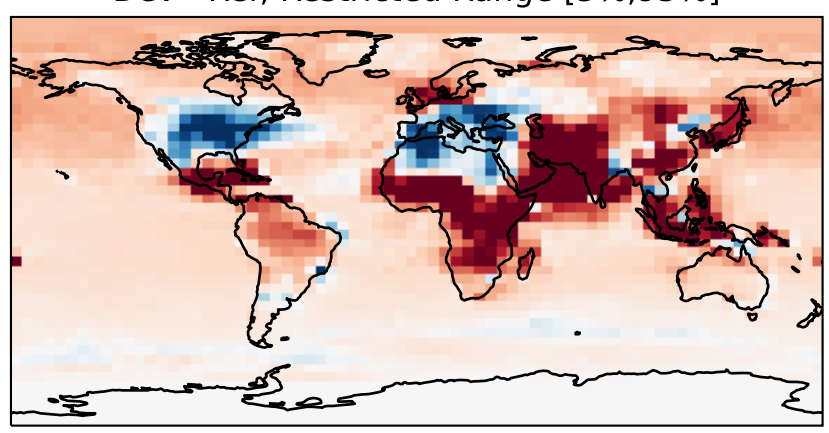


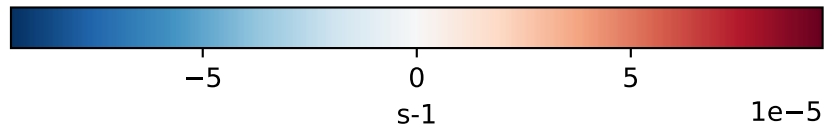

Difference
Dev - Ref, Dynamic Range



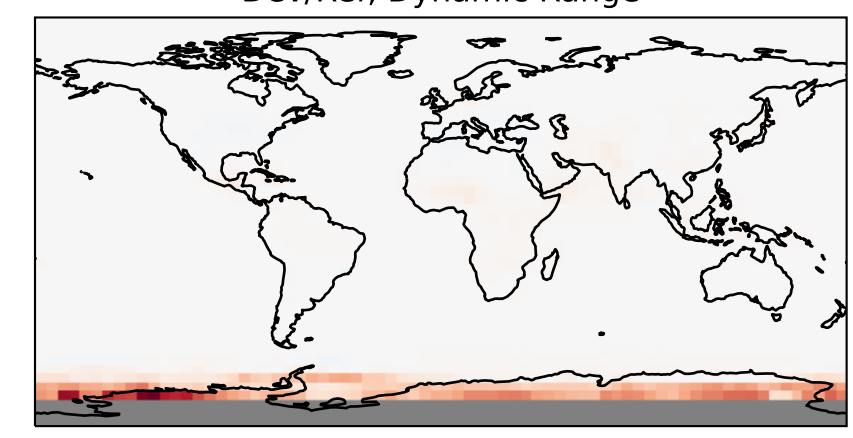



Difference
Dev - Ref, Restricted Range [5%,95%]





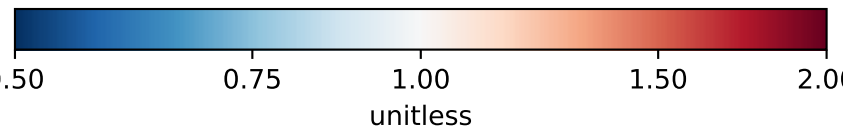

Ratio
Dev/Ref, Dynamic Range





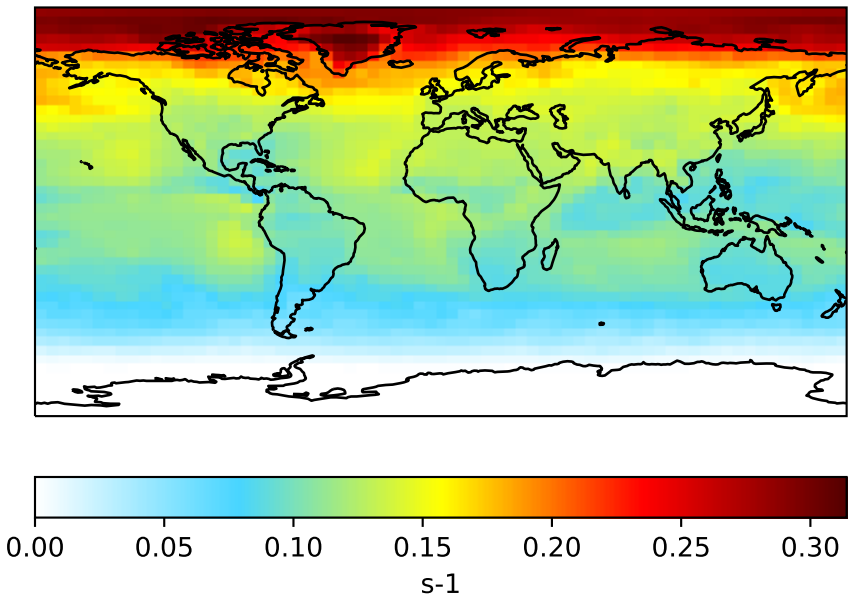

Ratio
Dev/Ref, Fixed Range



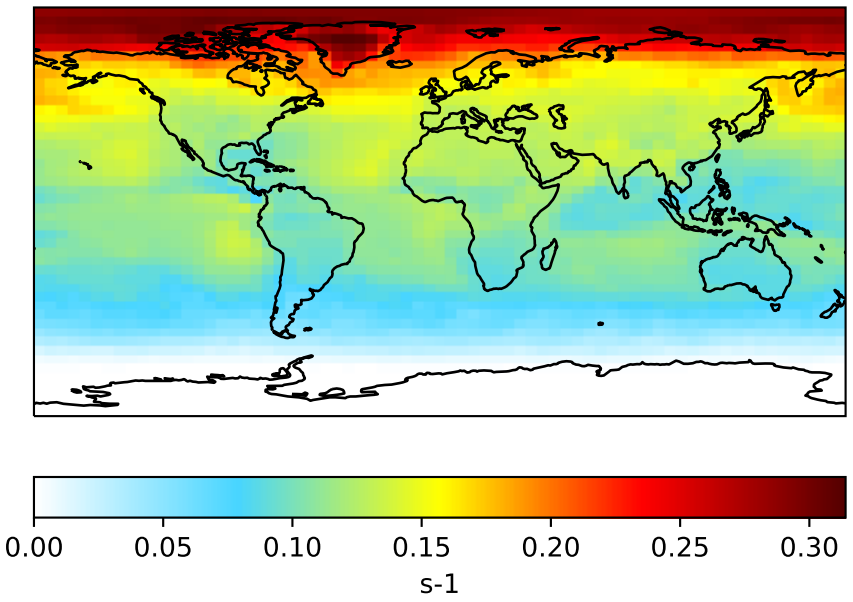


# Jval_OIO (Jul2019)

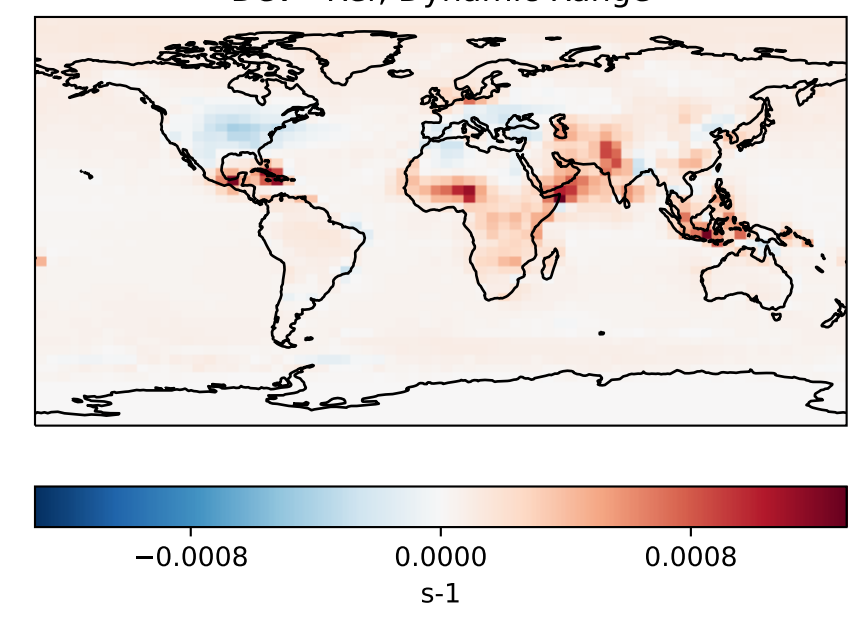
GCC_13.0.0 (Ref)
4.0x5.0



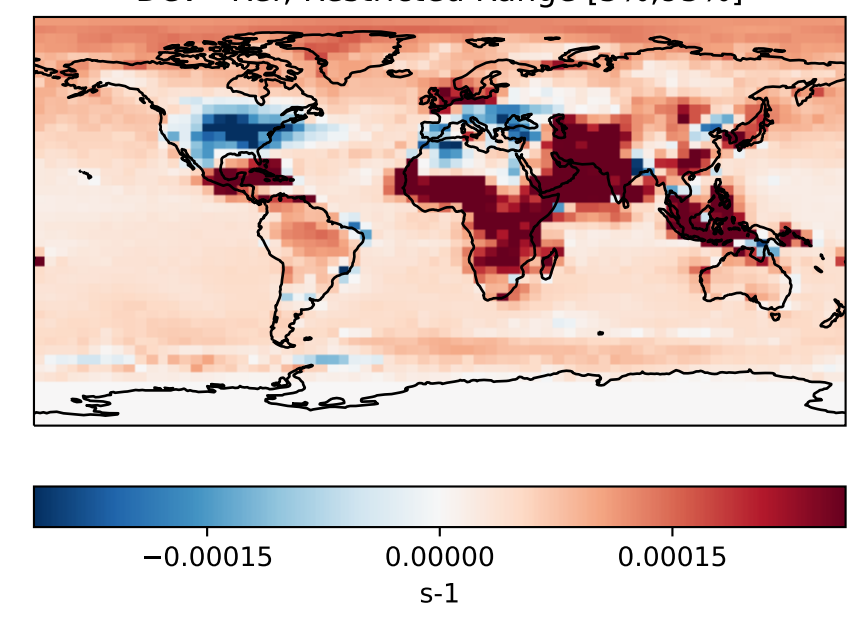

GCC_13.2.0 (Dev)
4.0x5.0



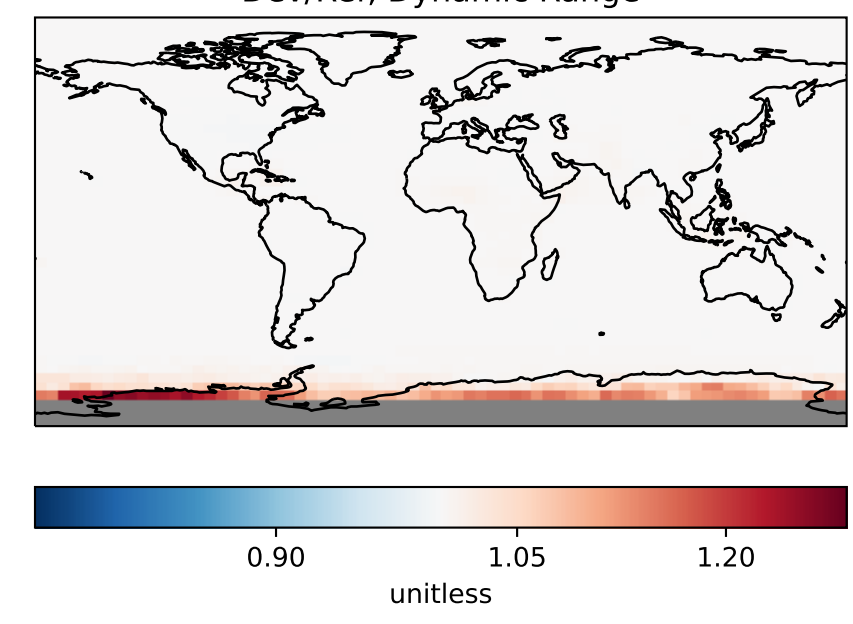

Difference
Dev - Ref, Dynamic Range



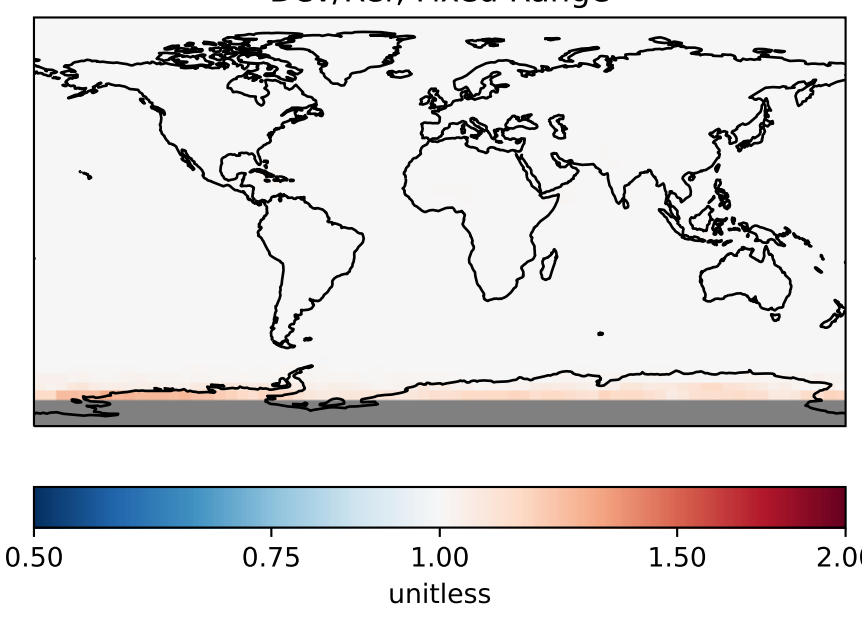

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

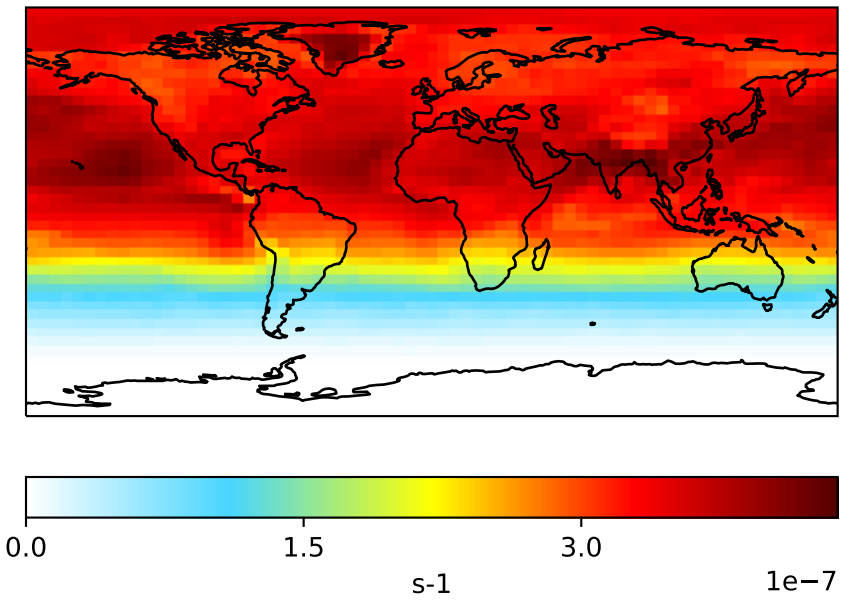



Ratio
Dev/Ref, Fixed Range

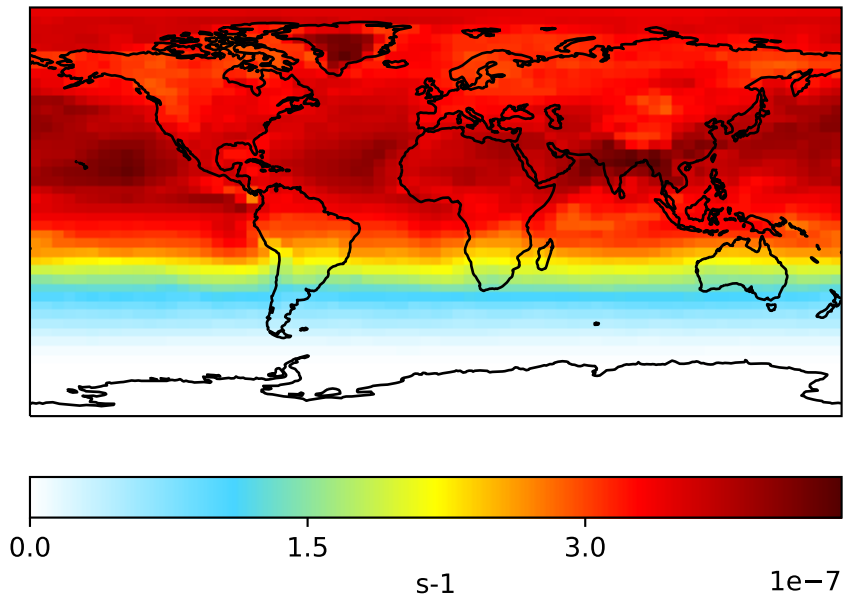


# Jval_PAN (Jul2019)

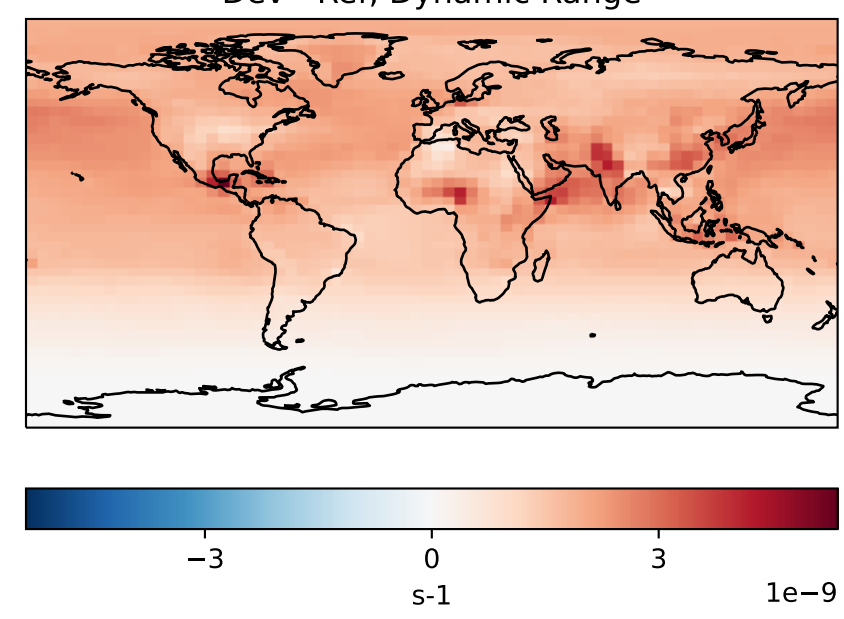
GCC_13.0.0 (Ref)
4.0x5.0



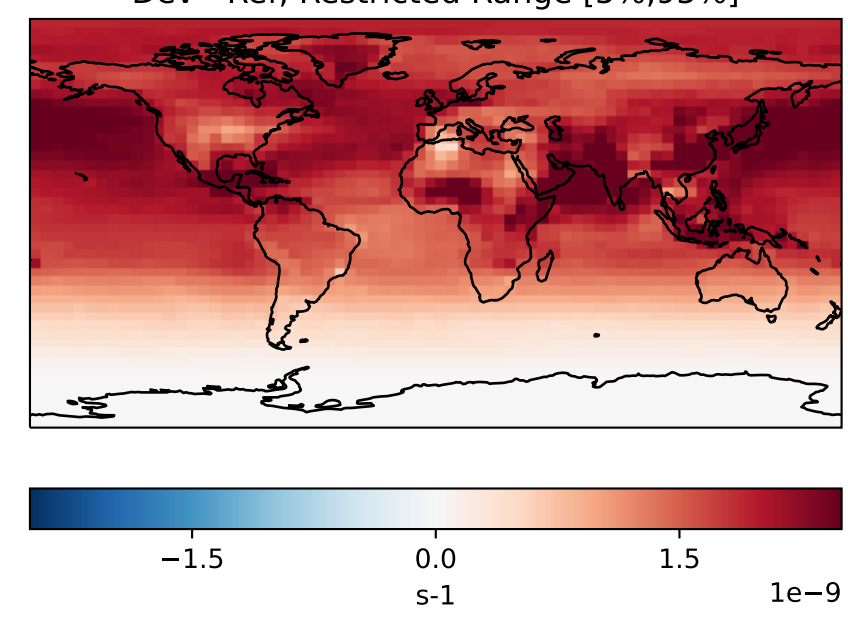

GCC_13.2.0 (Dev)
4.0x5.0



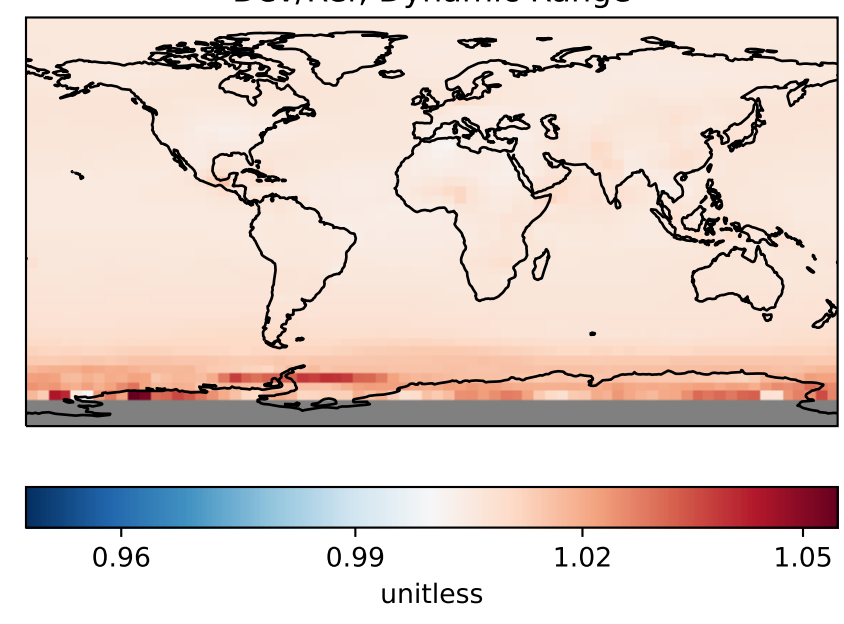

Difference
Dev - Ref, Dynamic Range



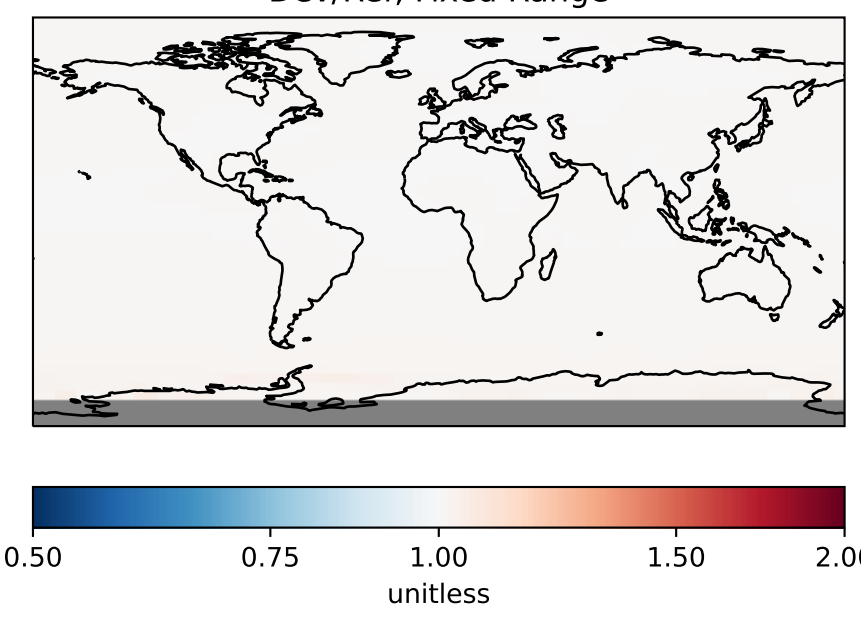

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

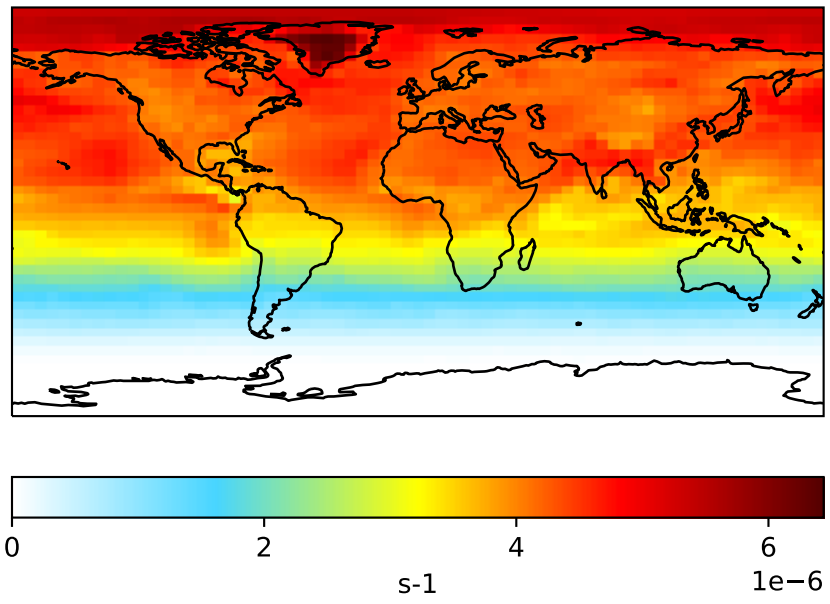



Ratio
Dev/Ref, Fixed Range

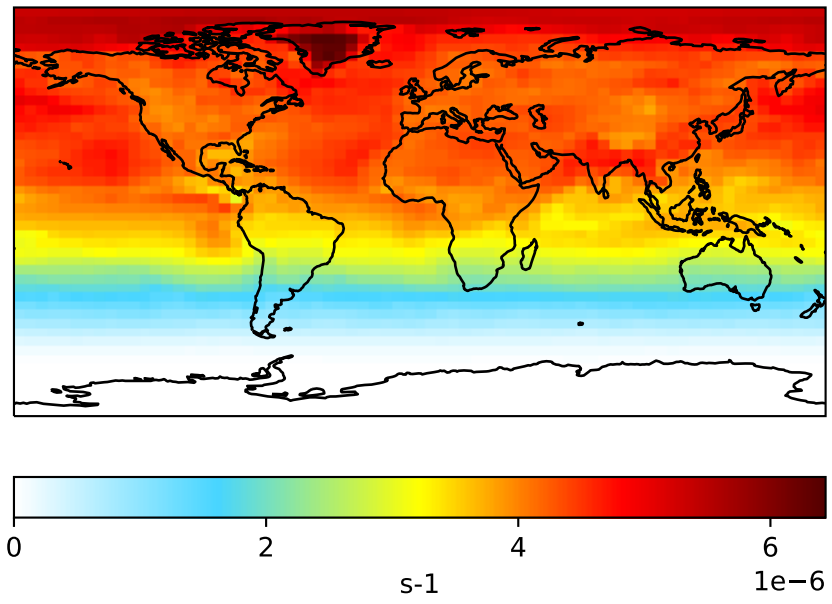


# Jval_PIP (Jul2019)

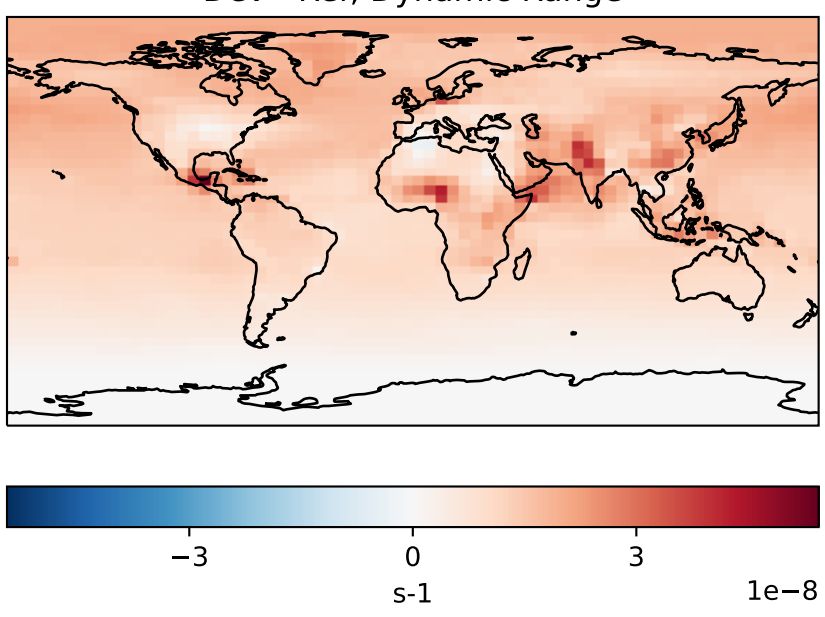
GCC_13.0.0 (Ref)
4.0x5.0



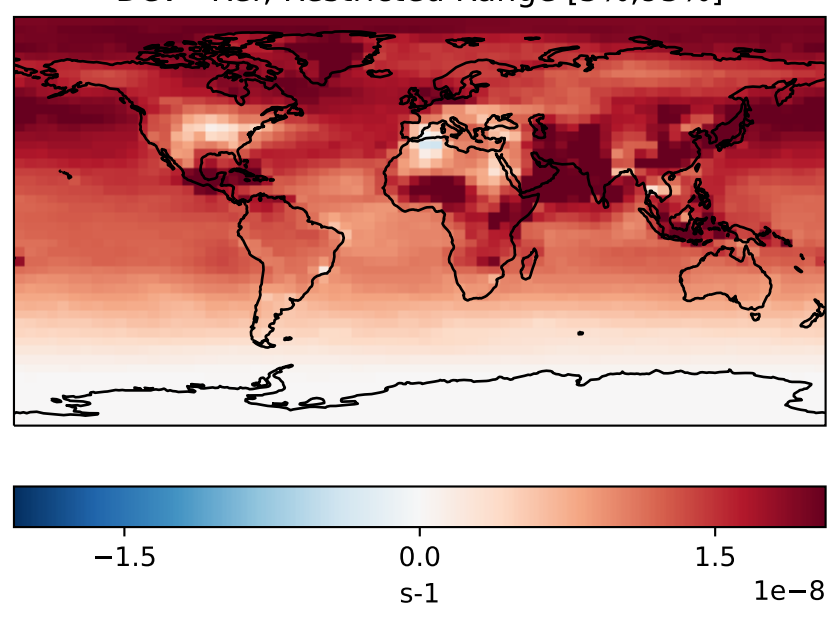

GCC_13.2.0 (Dev)
4.0x5.0



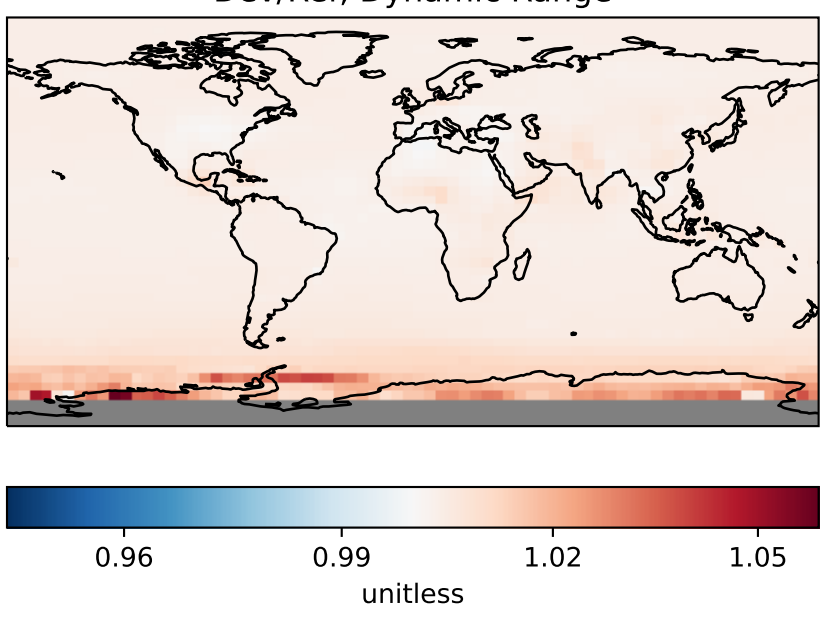

Difference
Dev - Ref, Dynamic Range



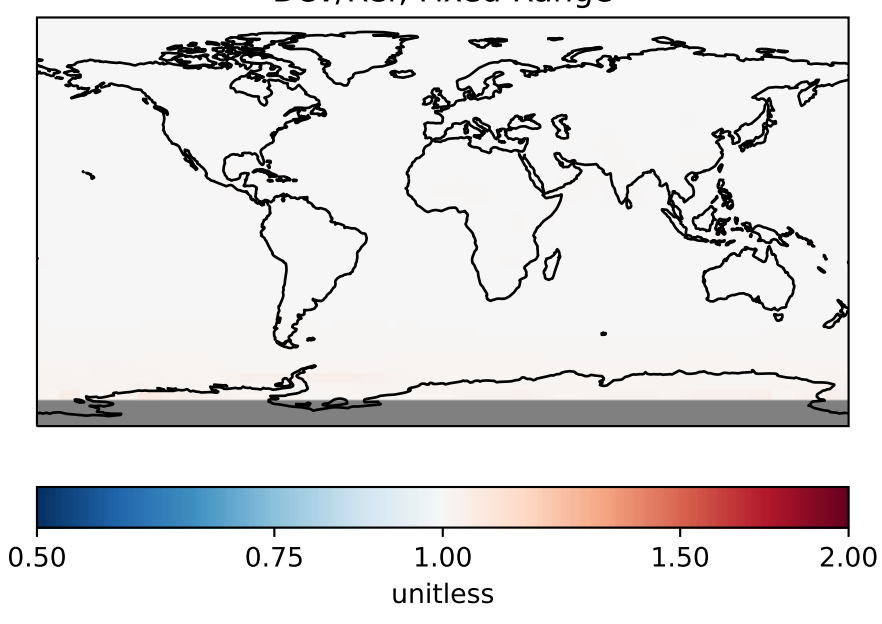

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

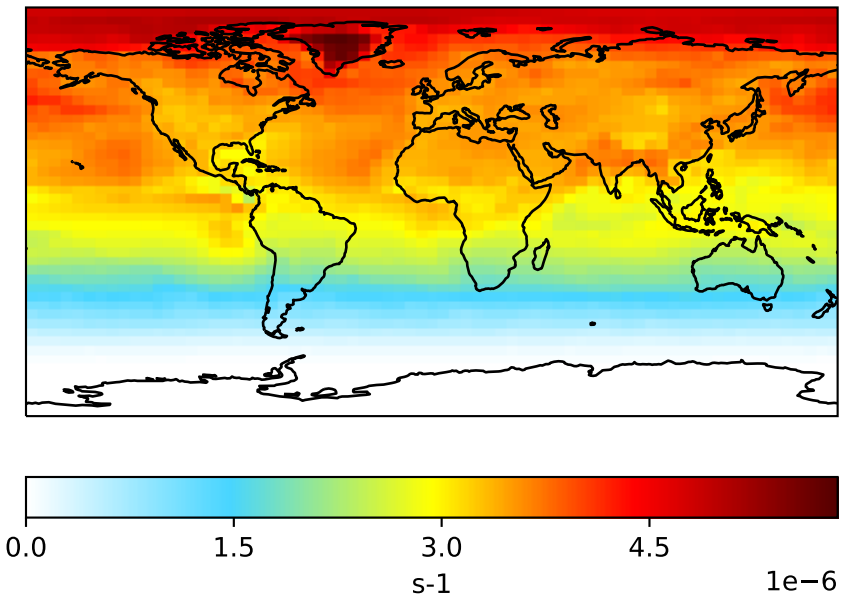



Ratio
Dev/Ref, Fixed Range

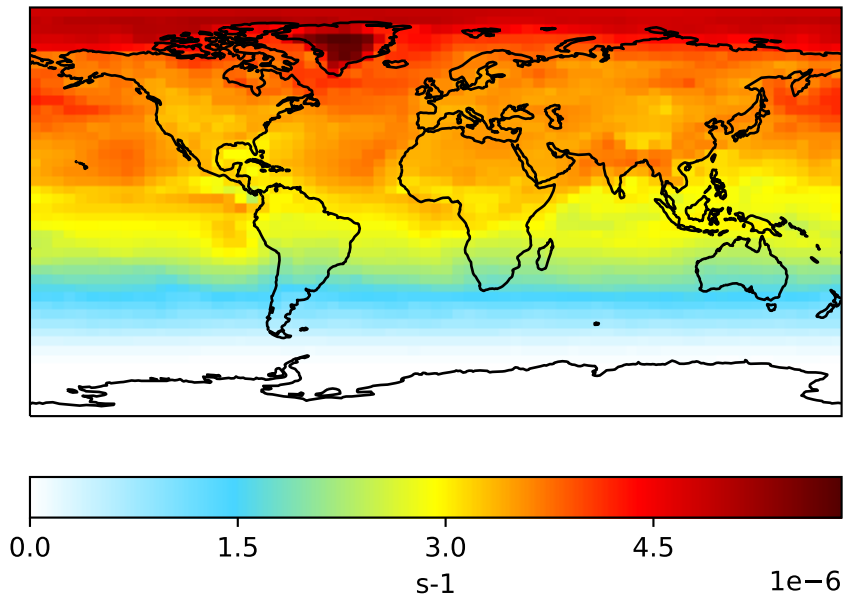


# Jval_PP (Jul2019)

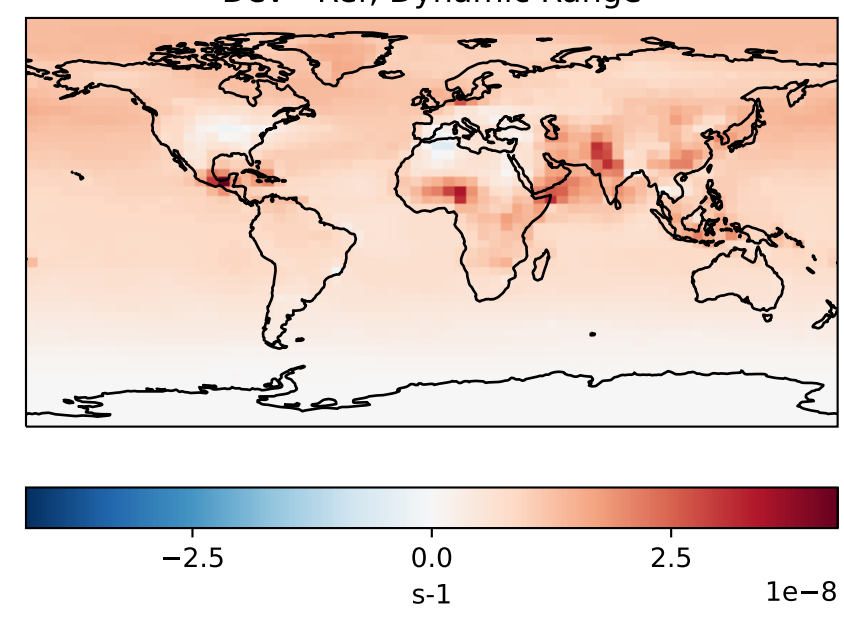
GCC_13.0.0 (Ref)
4.0x5.0



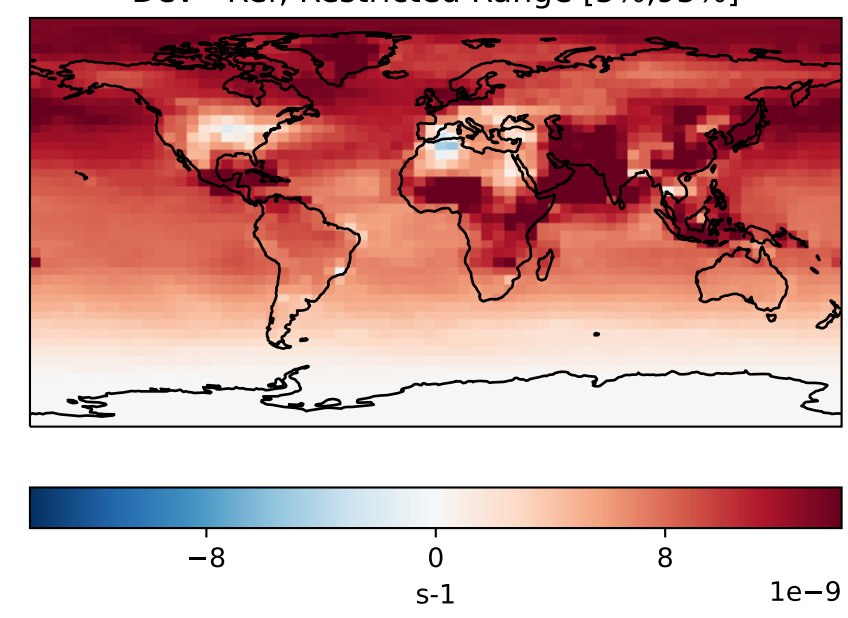

GCC_13.2.0 (Dev)
4.0x5.0



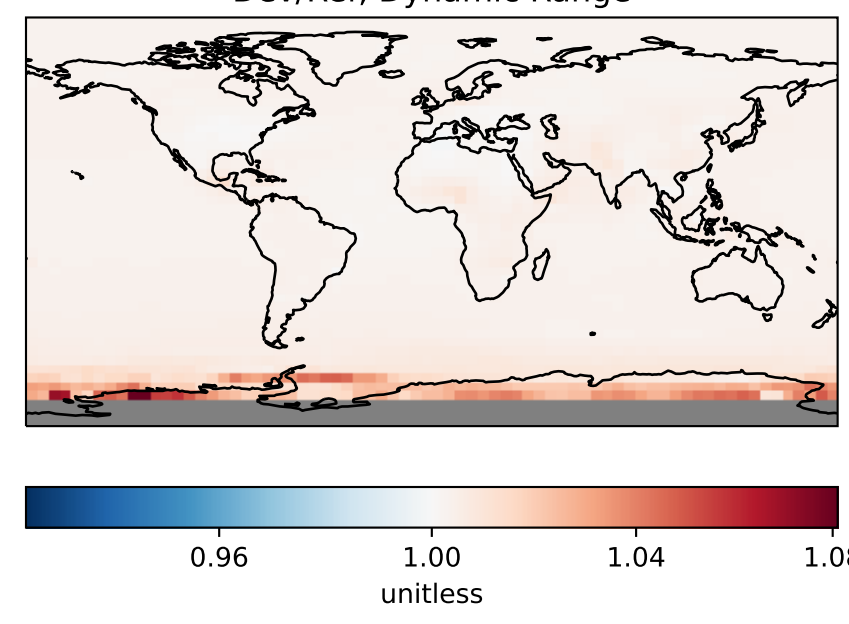

Difference
Dev - Ref, Dynamic Range



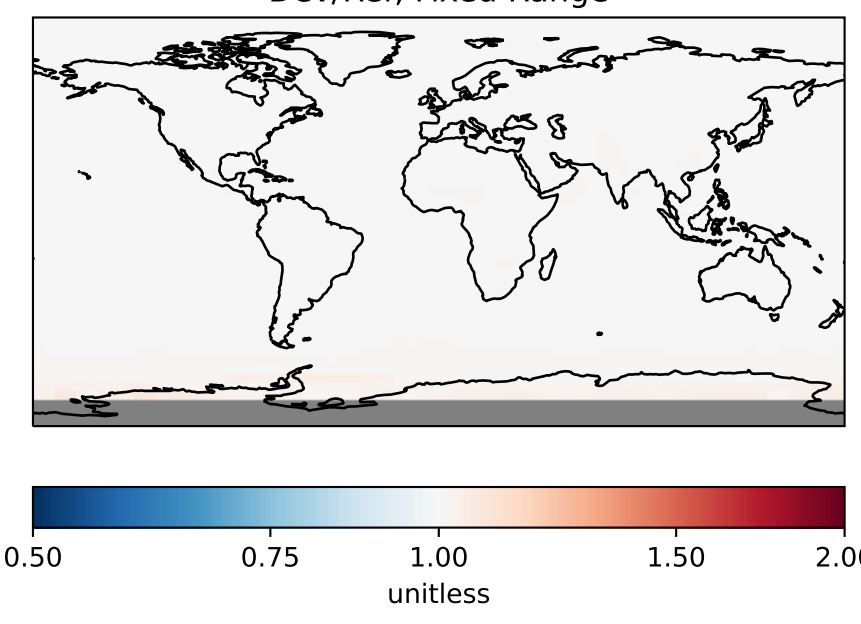

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

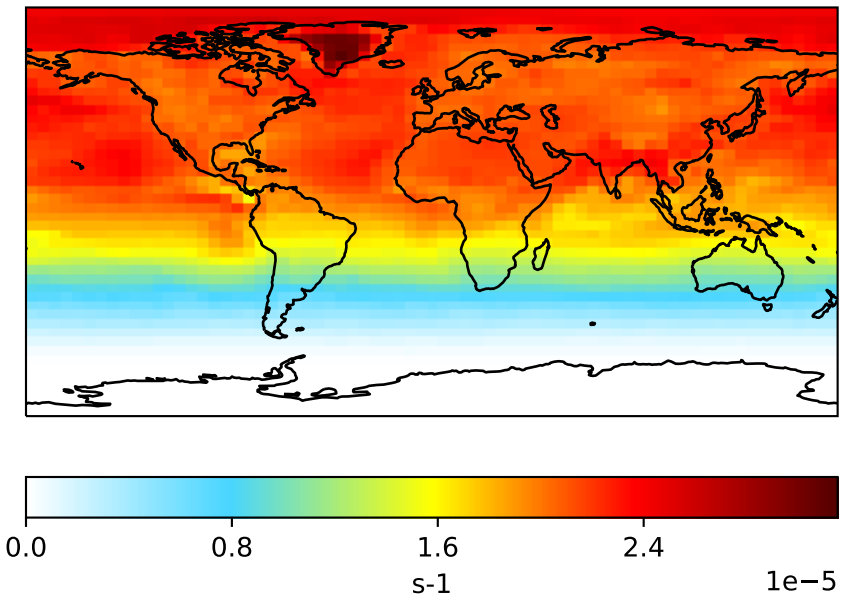



Ratio
Dev/Ref, Fixed Range

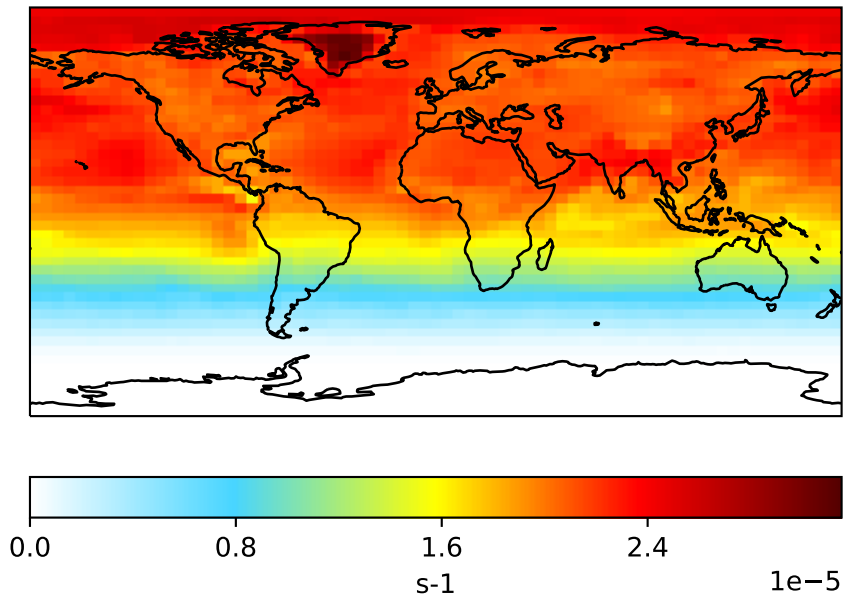


# Jval_PROPNN (Jul2019)

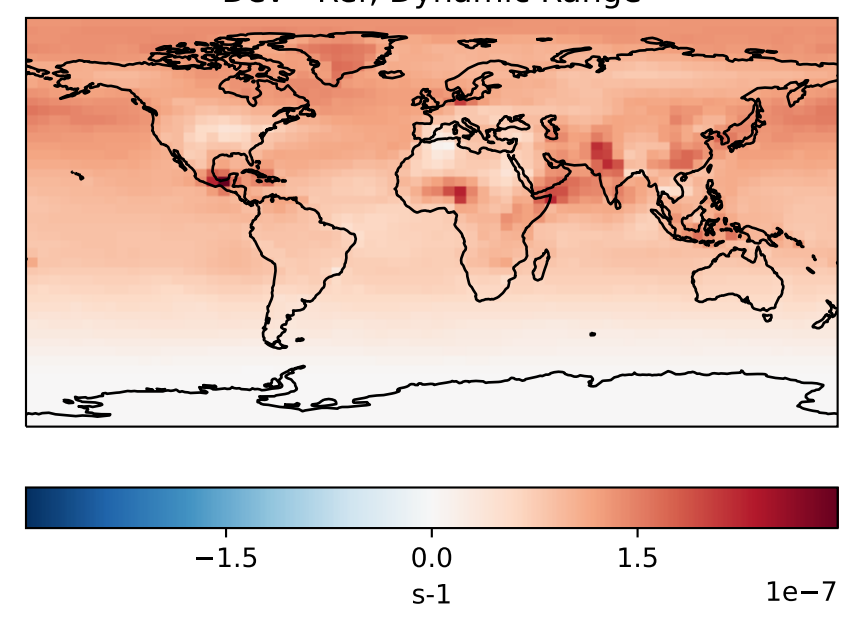
GCC_13.0.0 (Ref)
4.0x5.0



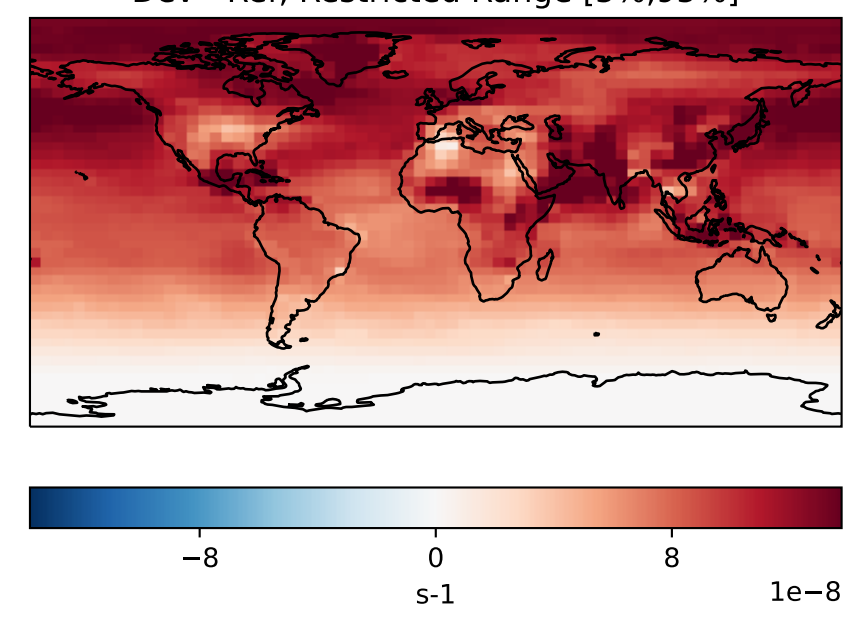

GCC_13.2.0 (Dev)
4.0x5.0



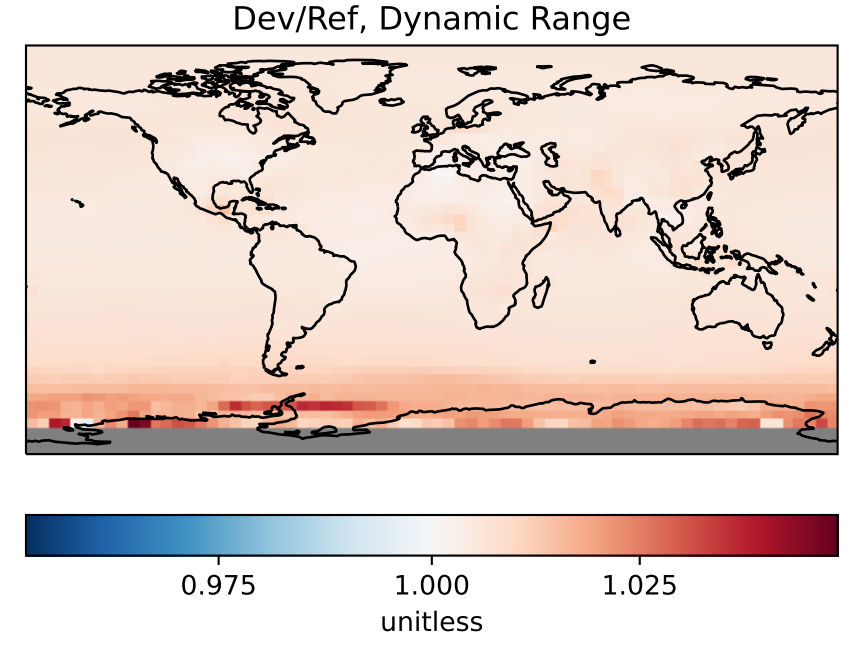

Difference
Dev - Ref, Dynamic Range



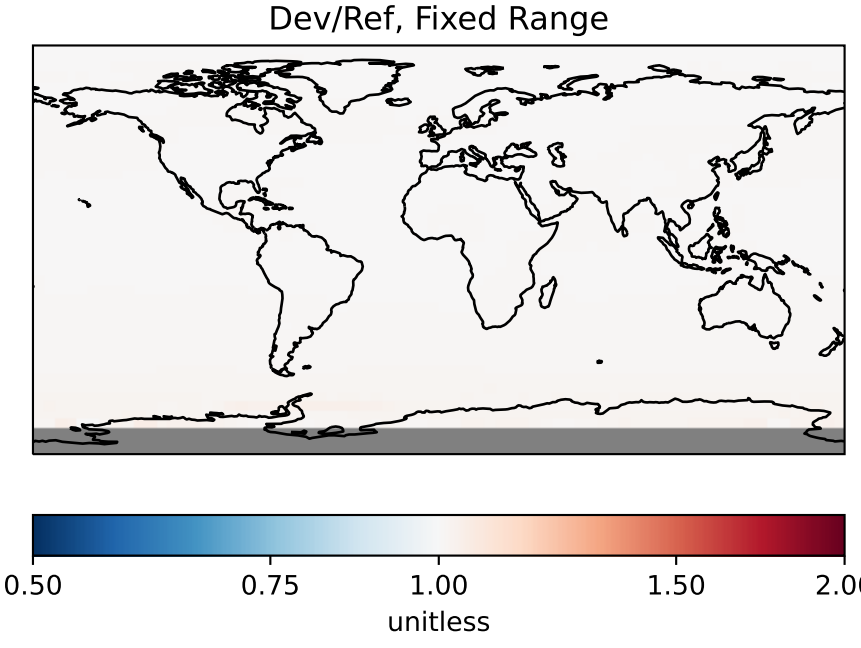

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

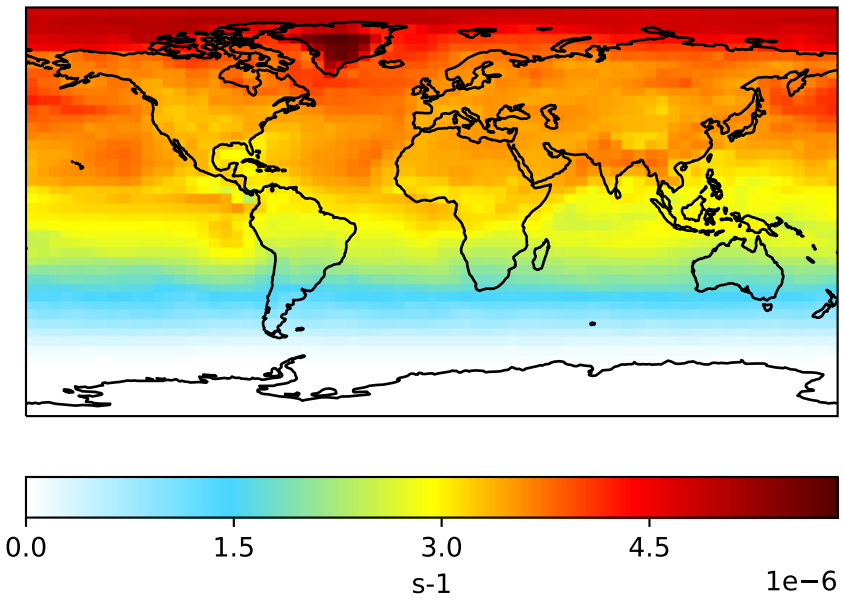



Ratio
Dev/Ref, Fixed Range

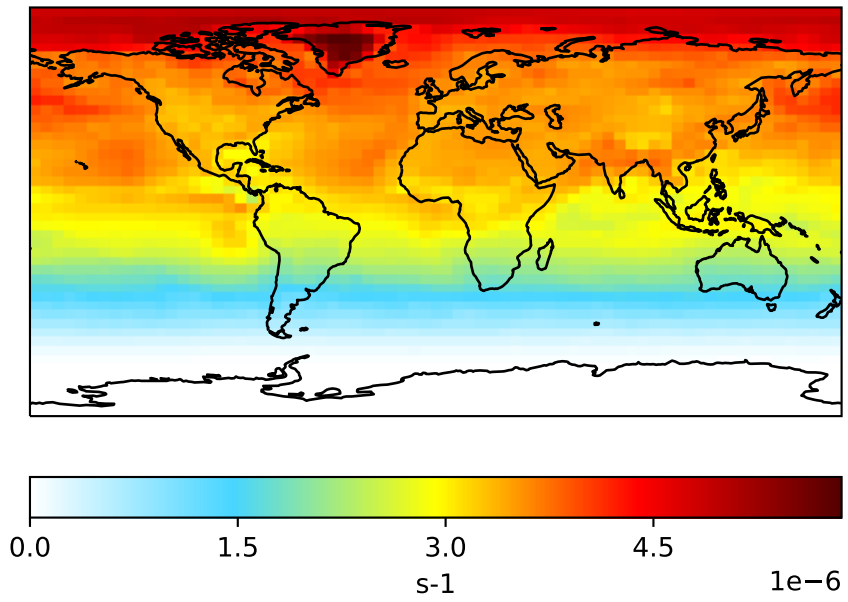


# Jval_PRPN (Jul2019)

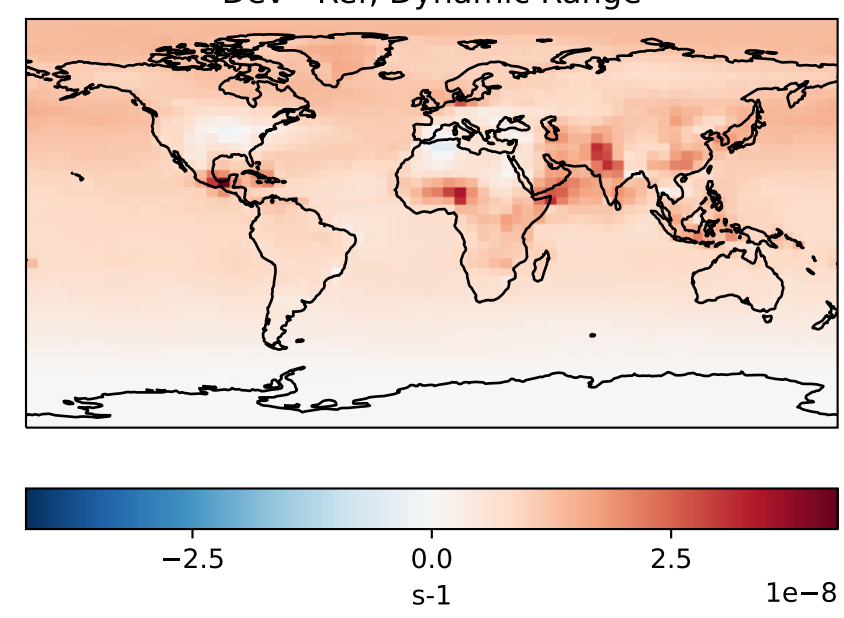
GCC_13.0.0 (Ref)
4.0x5.0



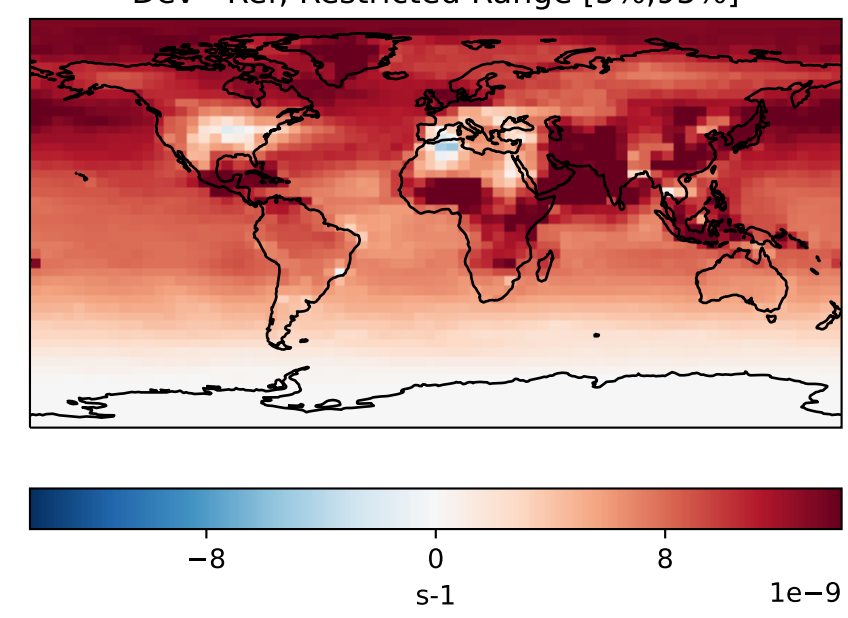

GCC_13.2.0 (Dev)
4.0x5.0



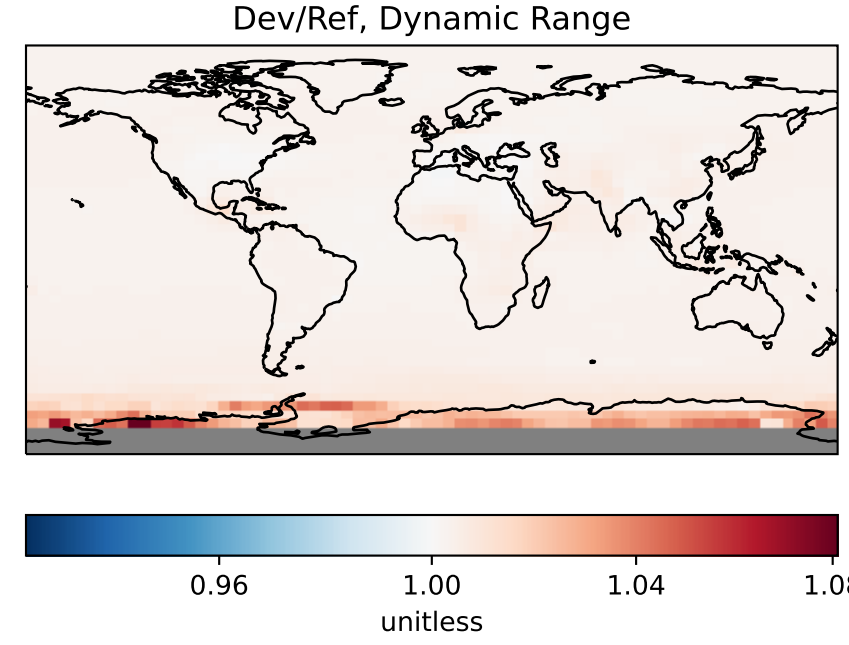

Difference
Dev - Ref, Dynamic Range



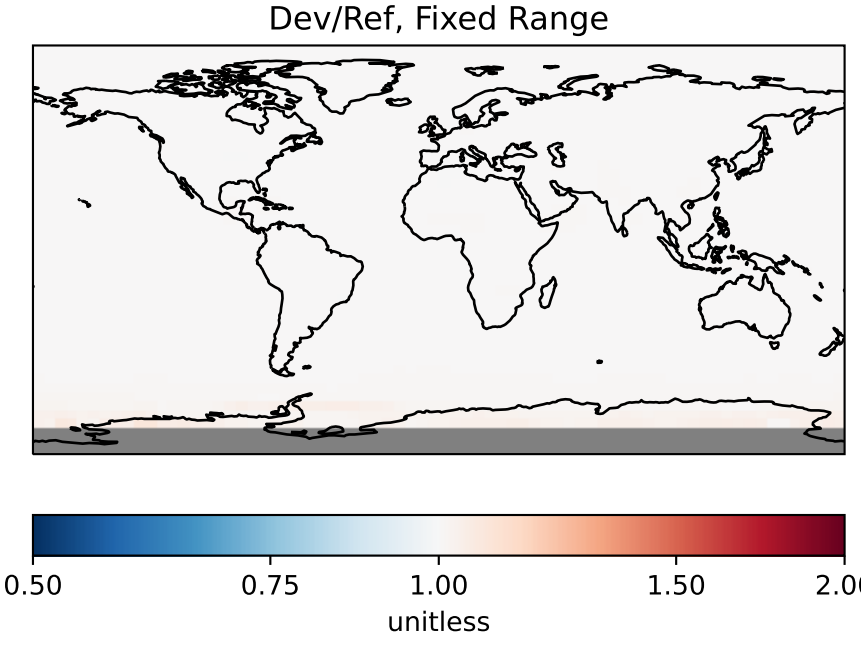

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

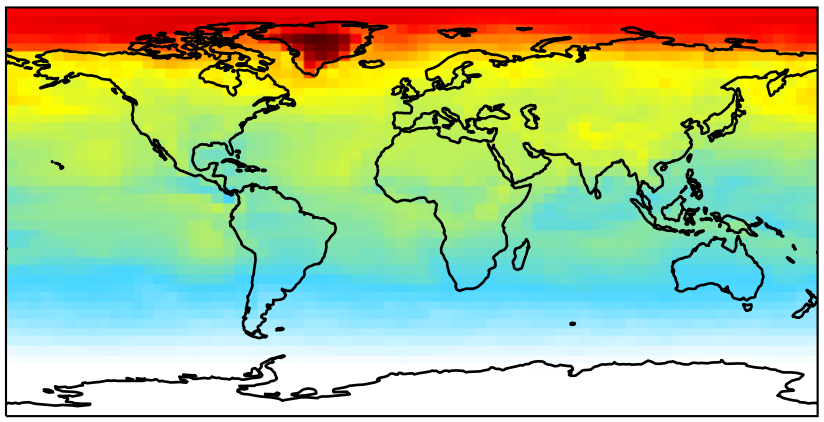


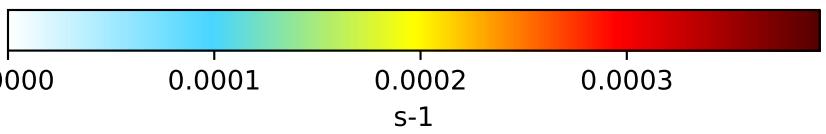

Ratio
Dev/Ref, Fixed Range



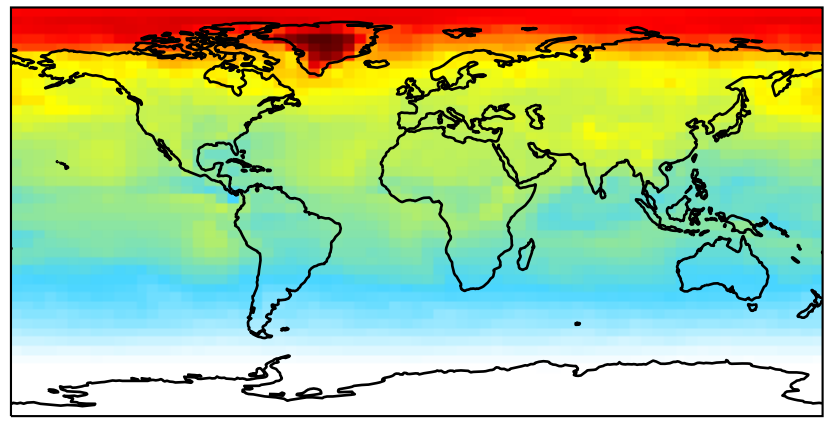
# Jval_PYAC (Jul2019)

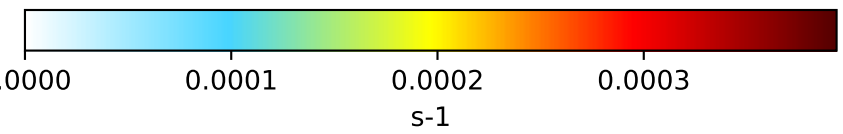
GCC_13.0.0 (Ref)
4.0x5.0



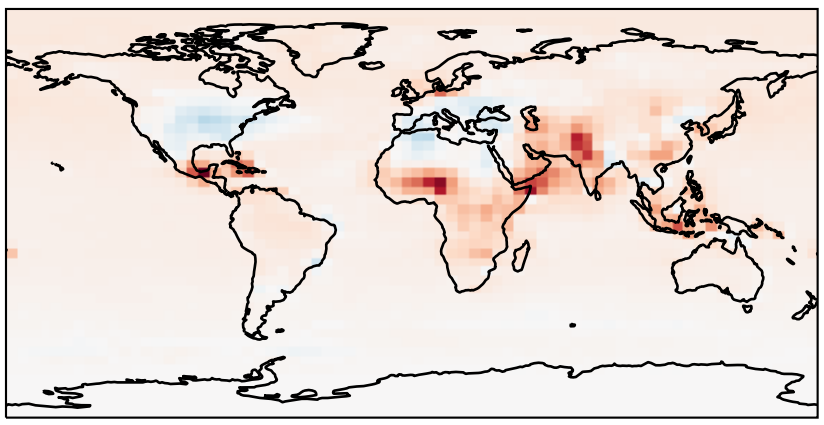


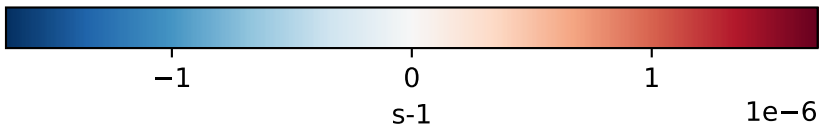

GCC_13.2.0 (Dev)
4.0x5.0



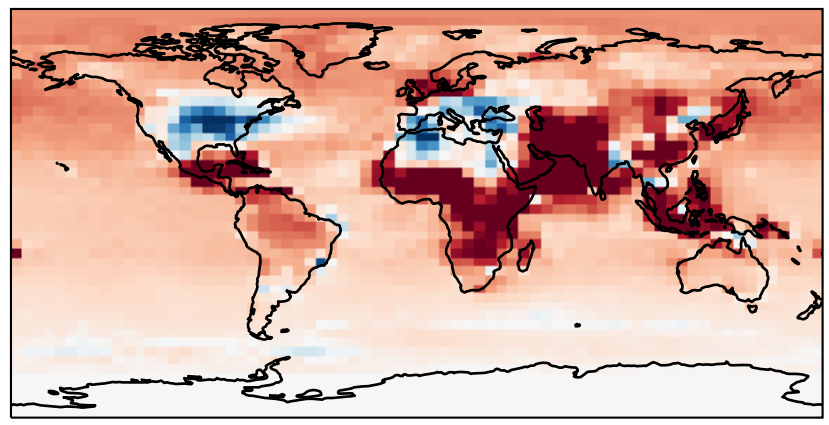


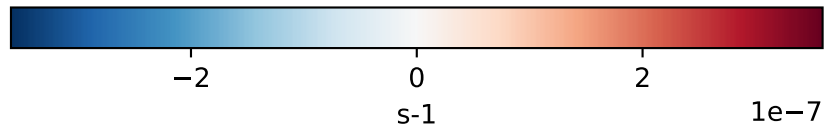

Difference
Dev - Ref, Dynamic Range



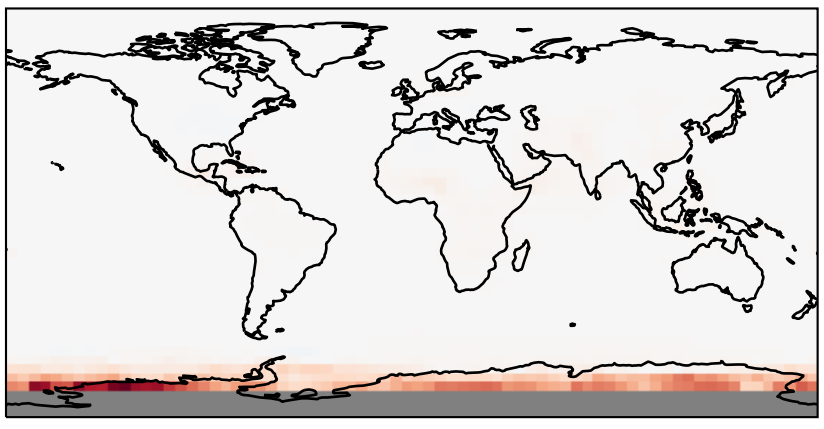


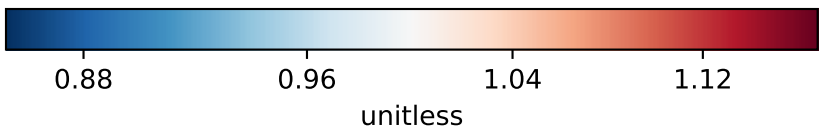

Difference
Dev - Ref, Restricted Range [5%,95%]



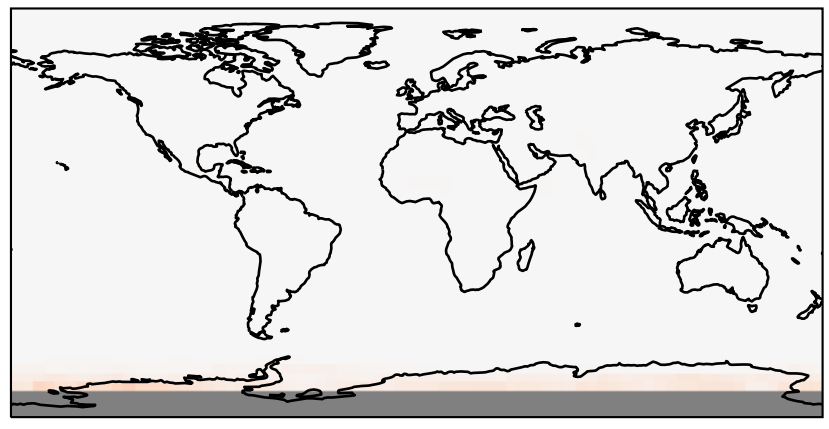


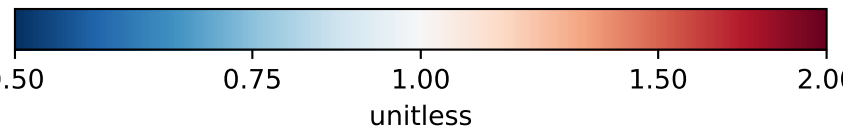

Ratio
Dev/Ref, Dynamic Range





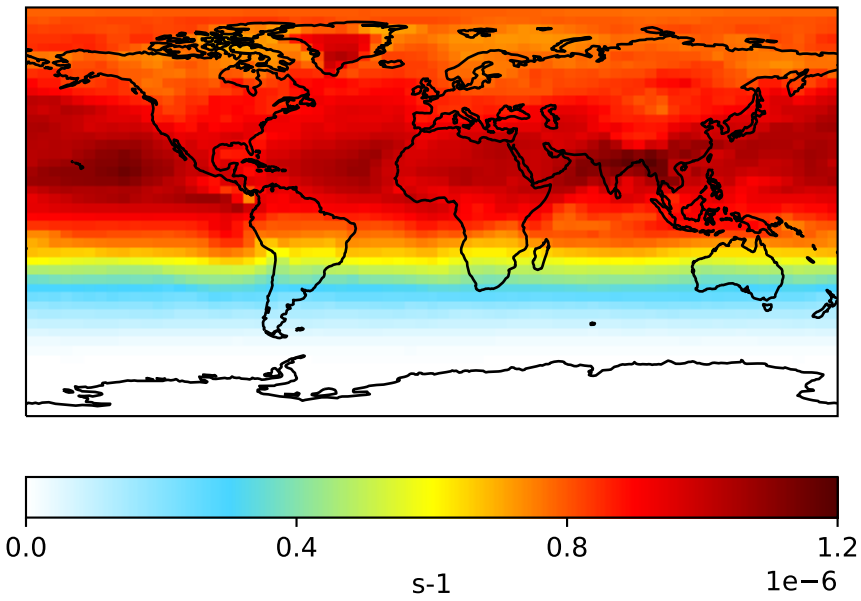

Ratio
Dev/Ref, Fixed Range



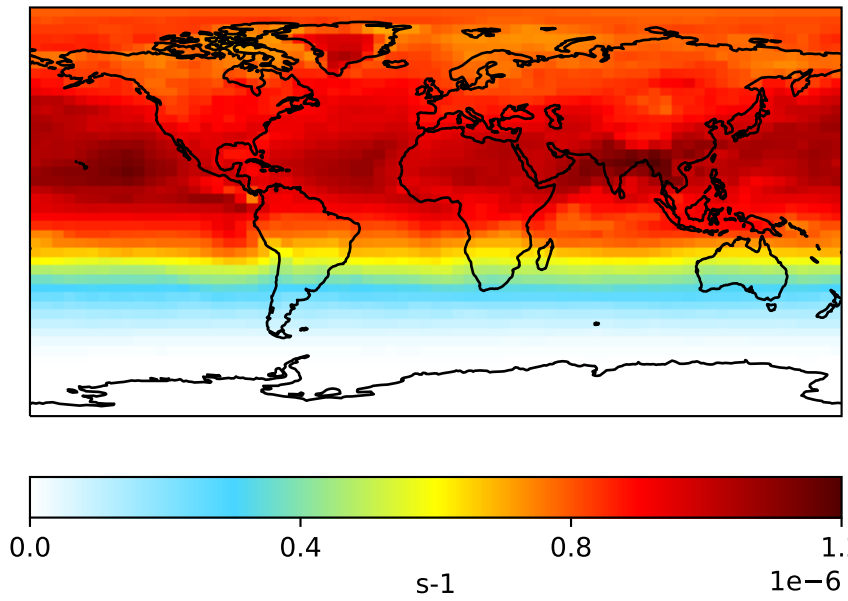


# Jval_R4N2 (Jul2019)

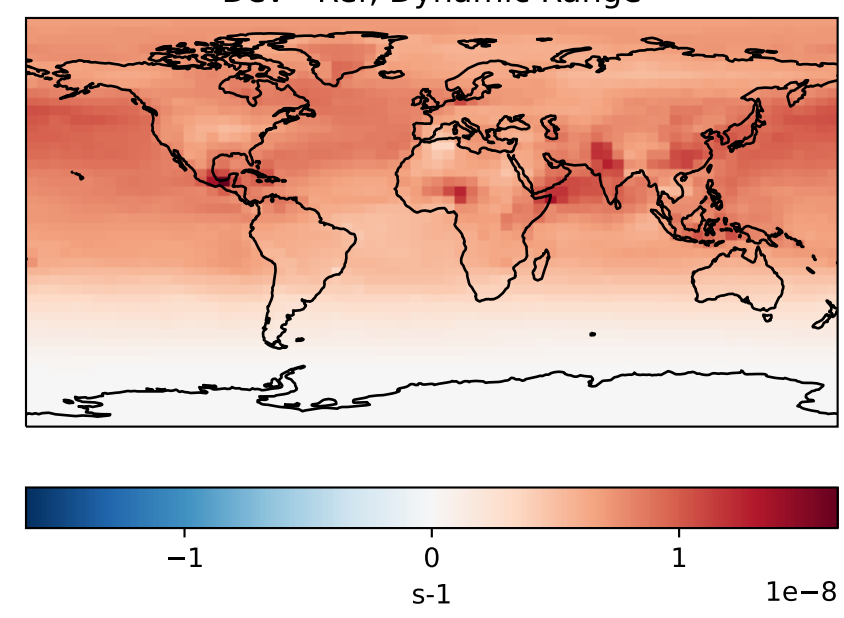
GCC_13.0.0 (Ref)
4.0x5.0



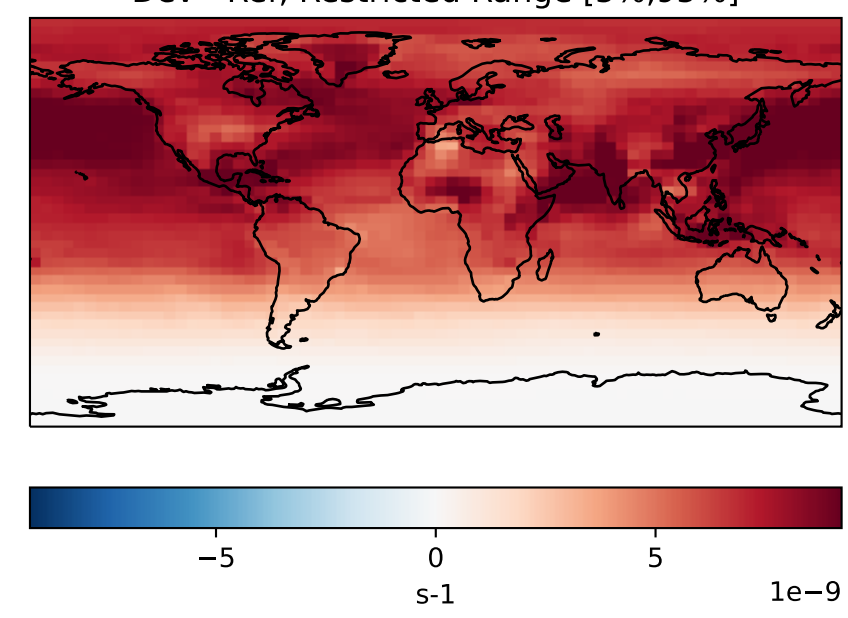

GCC_13.2.0 (Dev)
4.0x5.0



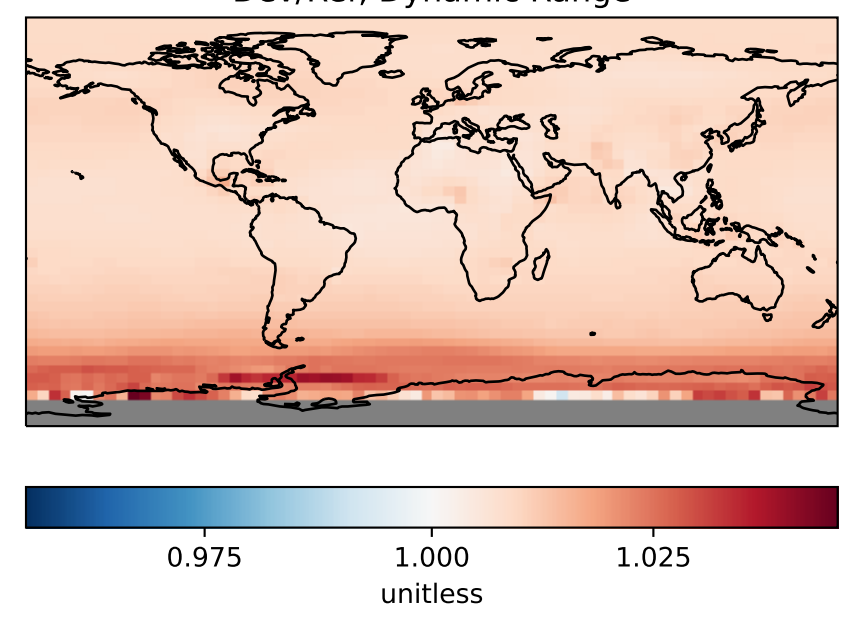

Difference
Dev - Ref, Dynamic Range



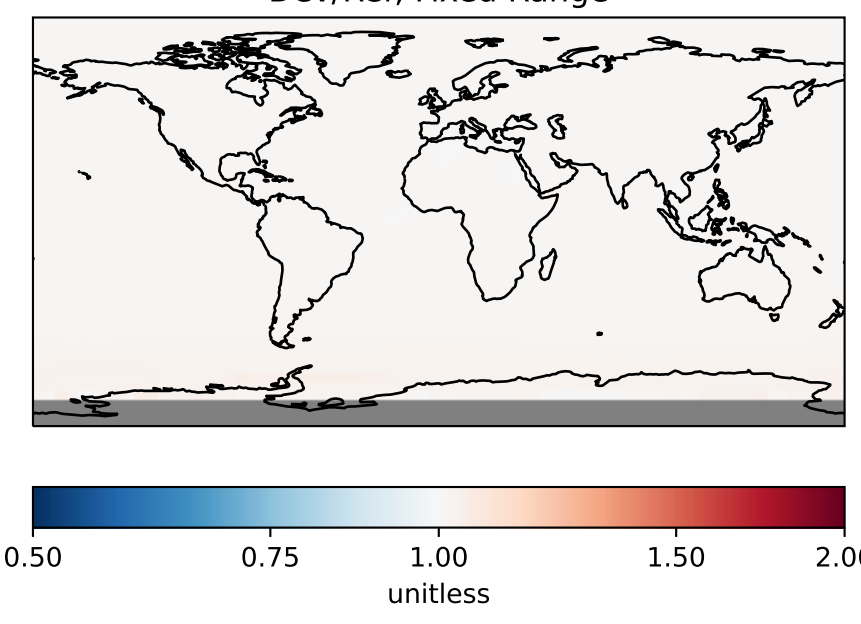

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

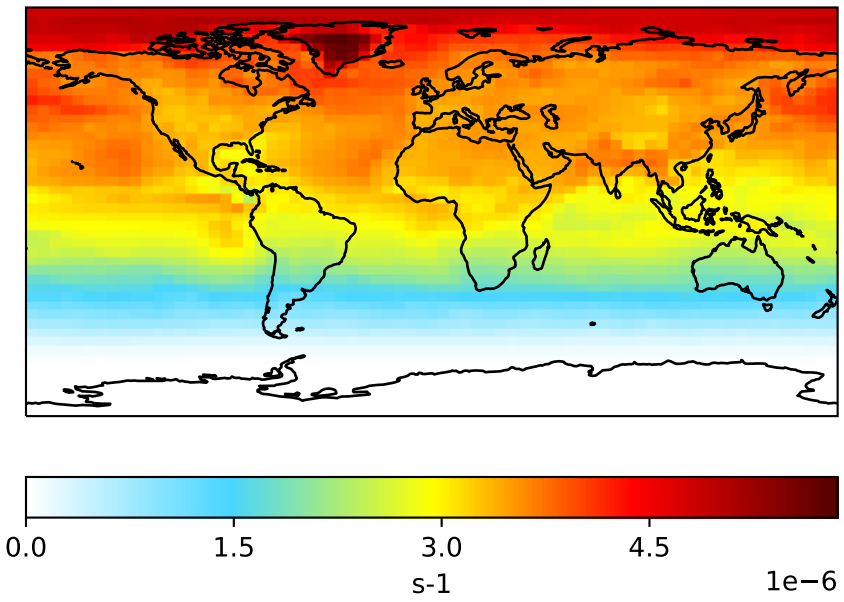



Ratio
Dev/Ref, Fixed Range

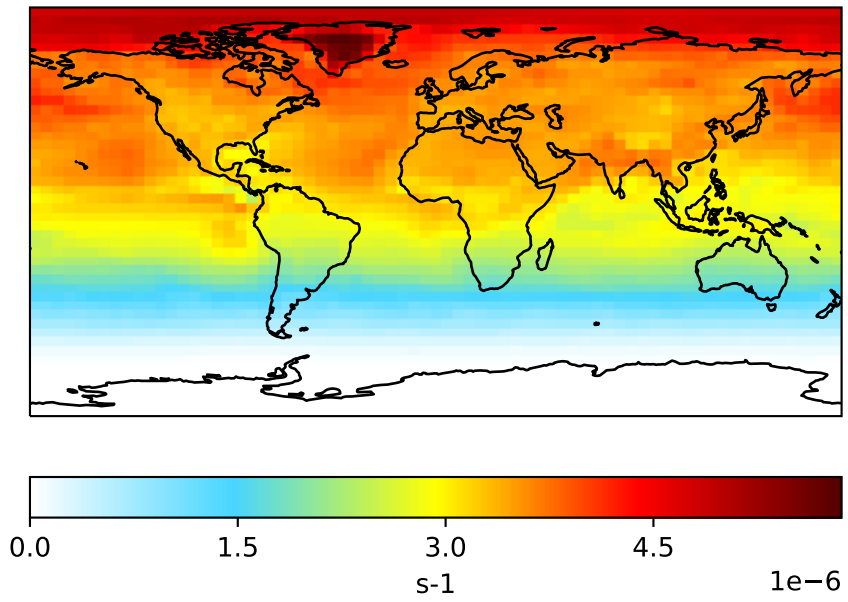


# Jval_R4P (Jul2019)

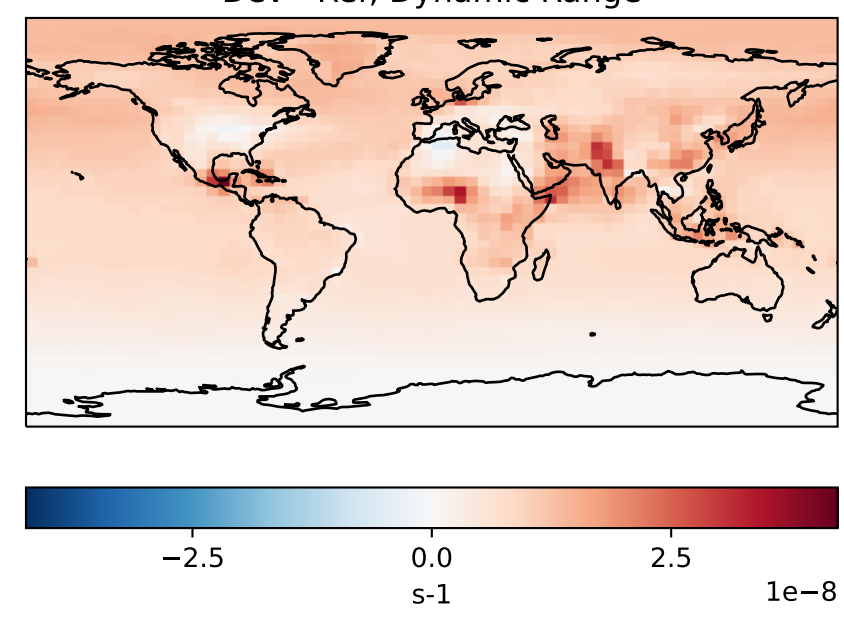
GCC_13.0.0 (Ref)
4.0x5.0



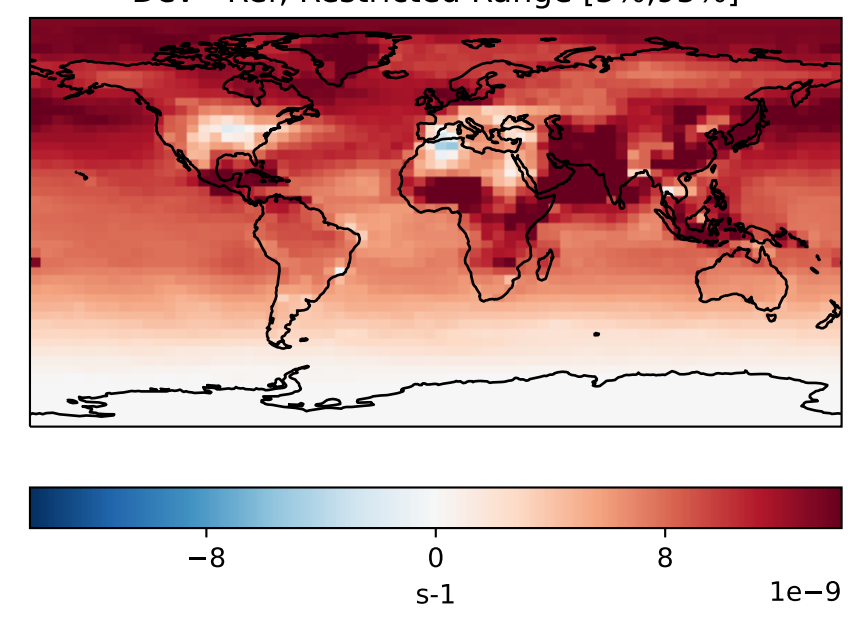

GCC_13.2.0 (Dev)
4.0x5.0



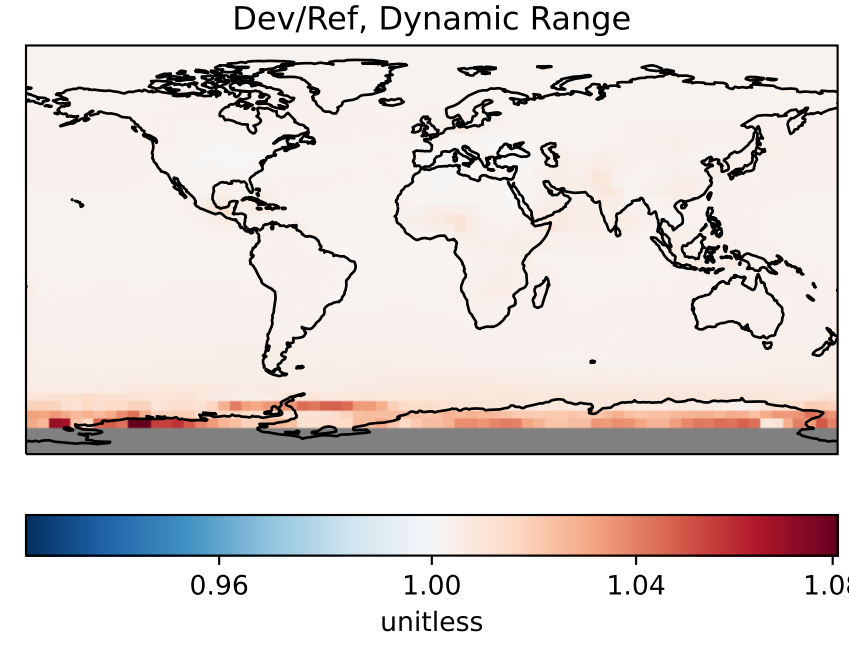

Difference
Dev - Ref, Dynamic Range



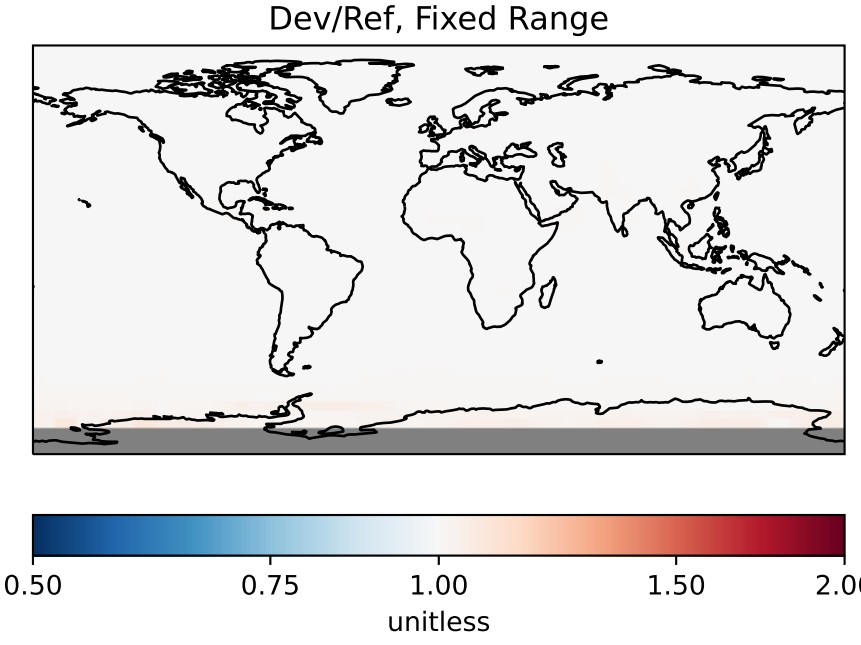

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

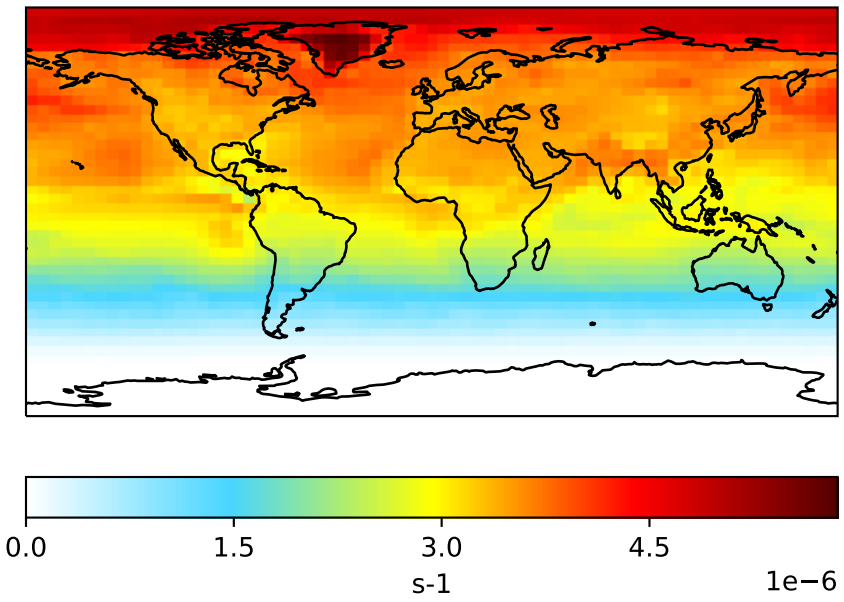



Ratio
Dev/Ref, Fixed Range

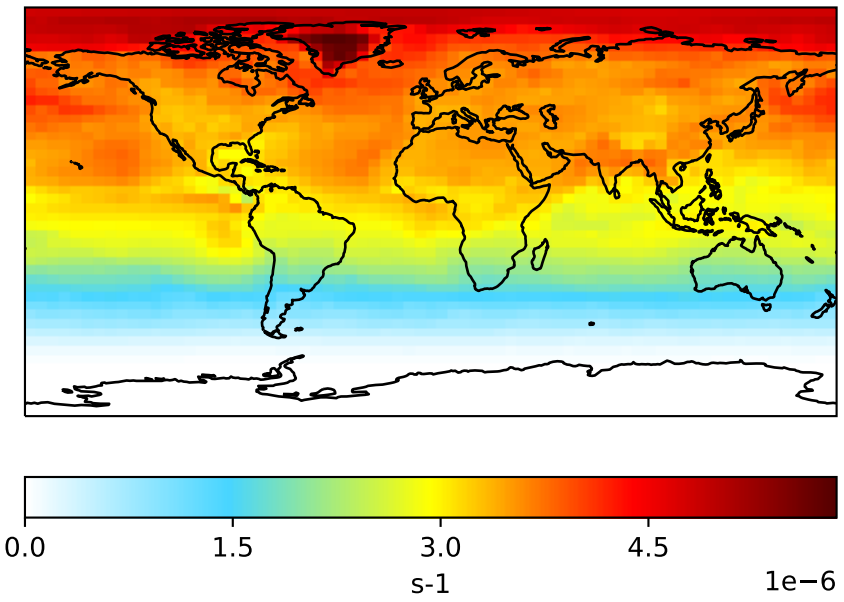


# Jval_RA3P (Jul2019)

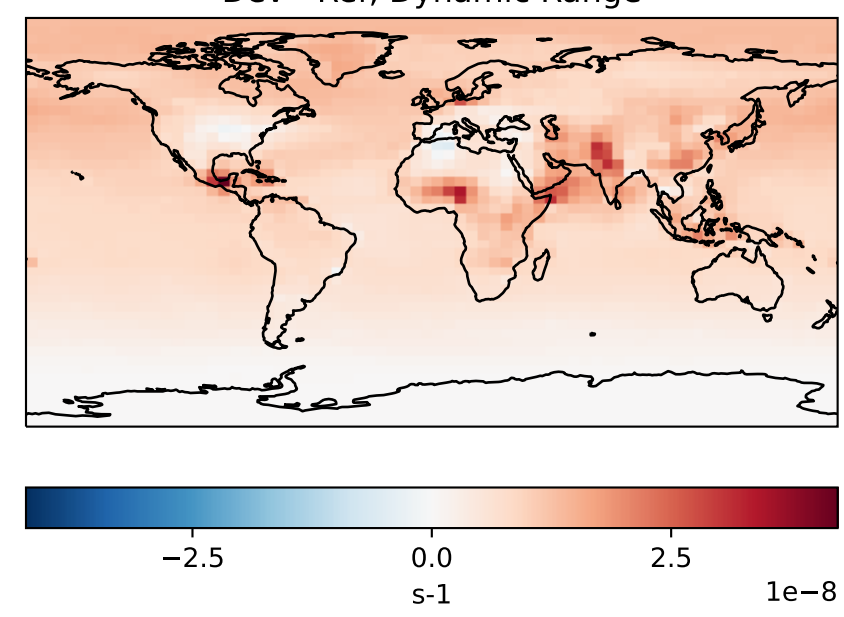
GCC_13.0.0 (Ref)
4.0x5.0



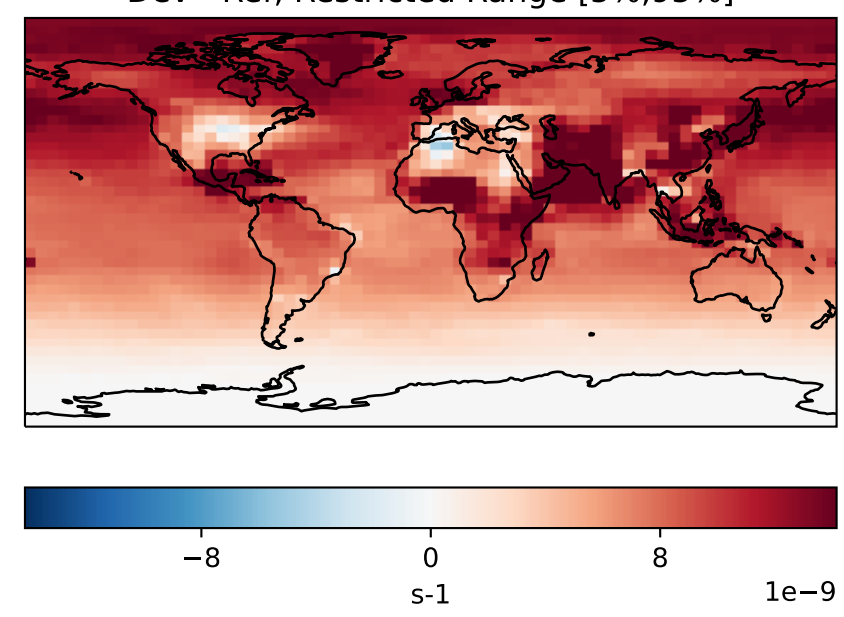

GCC_13.2.0 (Dev)
4.0x5.0



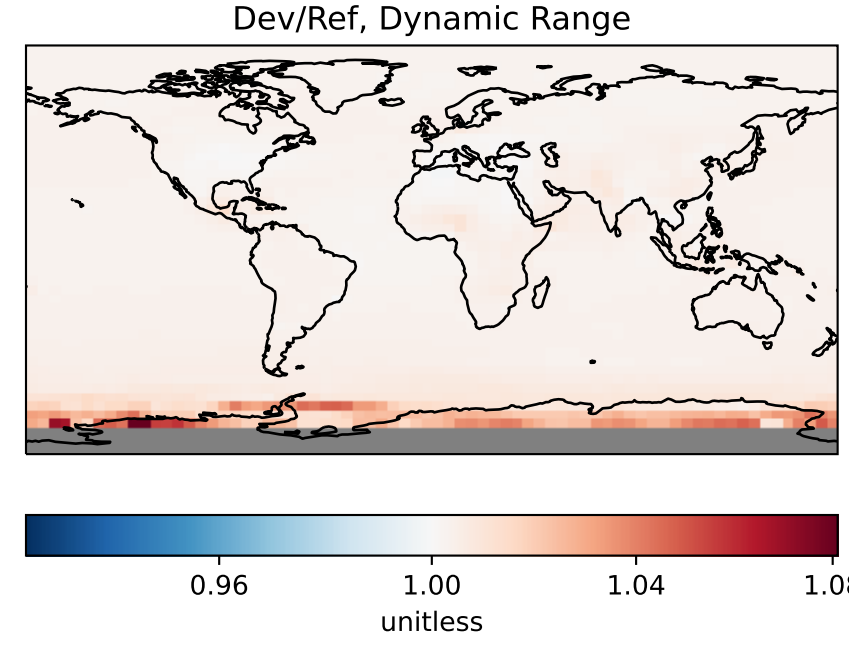

Difference
Dev - Ref, Dynamic Range



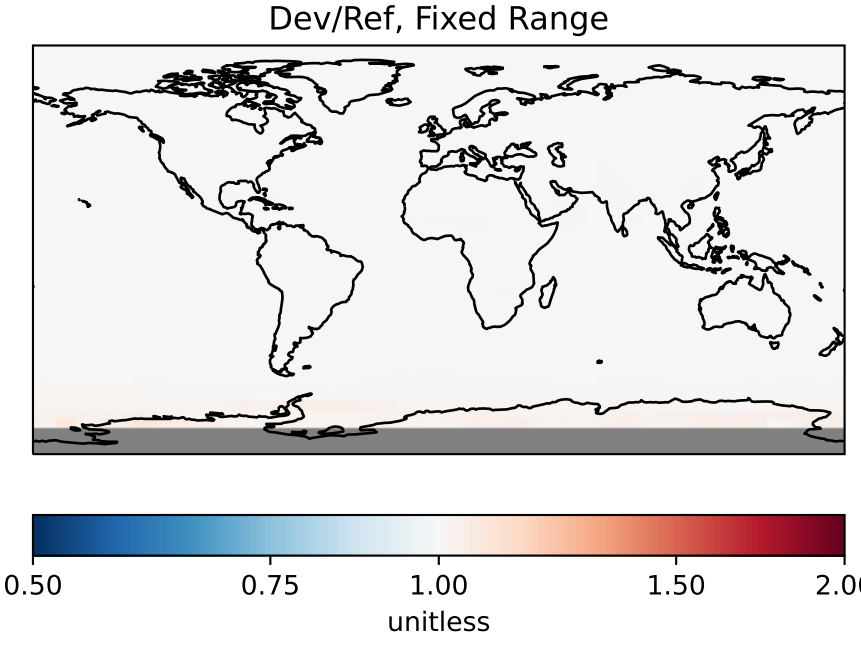

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

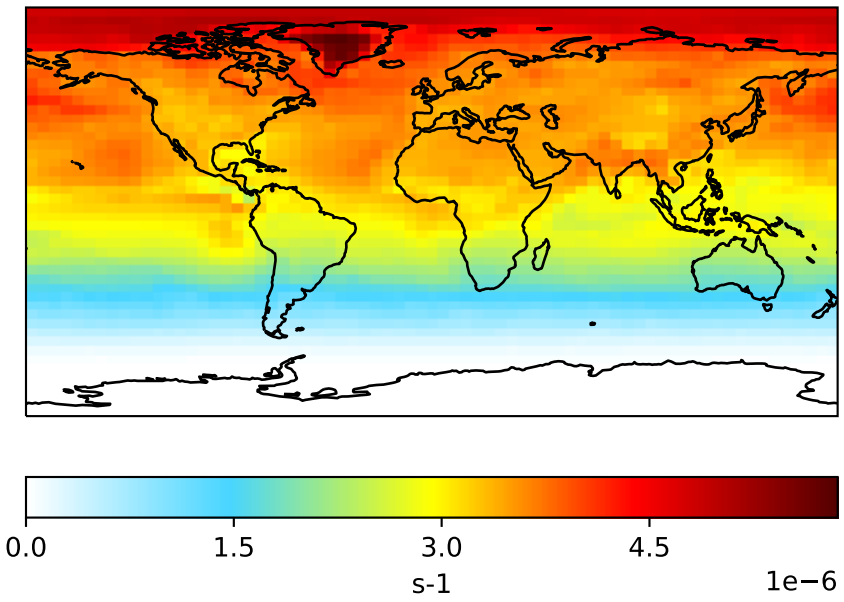



Ratio
Dev/Ref, Fixed Range

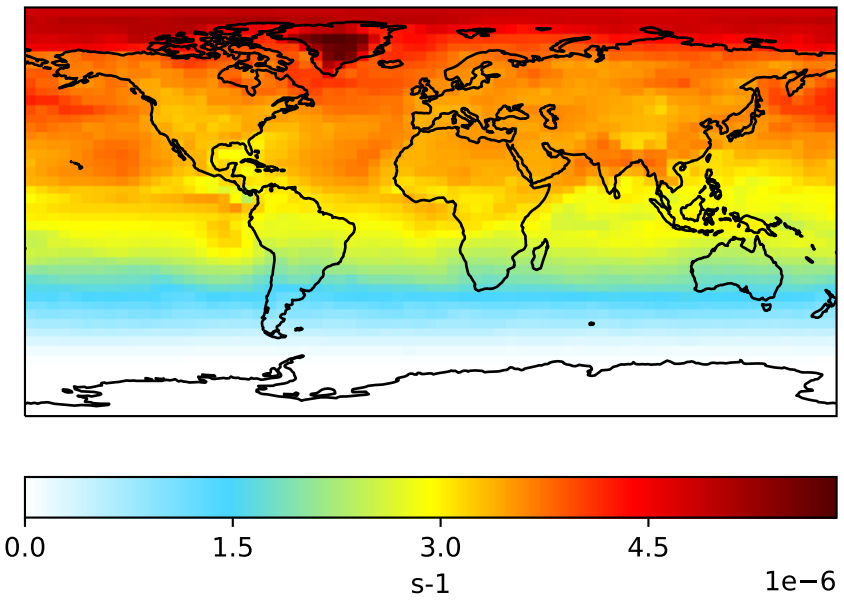


# Jval_RB3P (Jul2019)

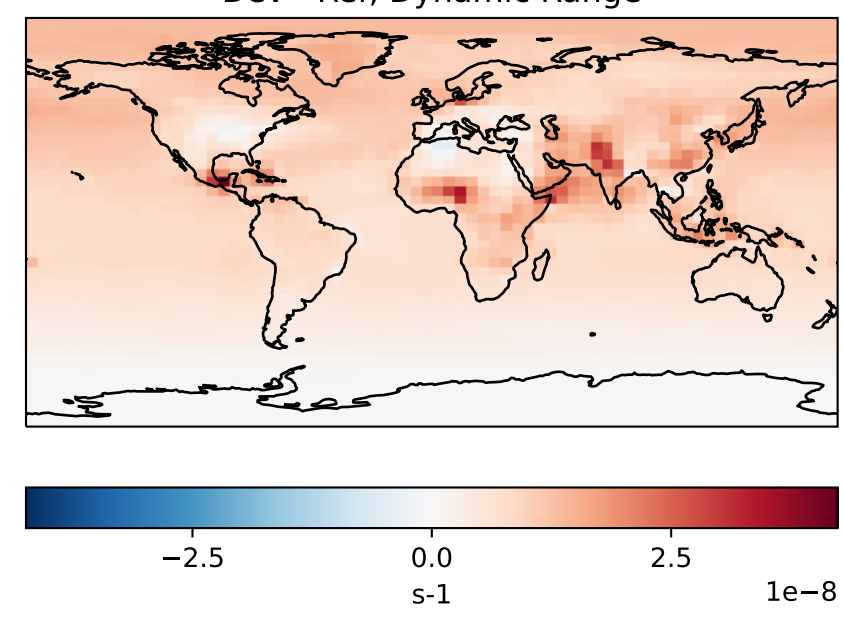
GCC_13.0.0 (Ref)
4.0x5.0



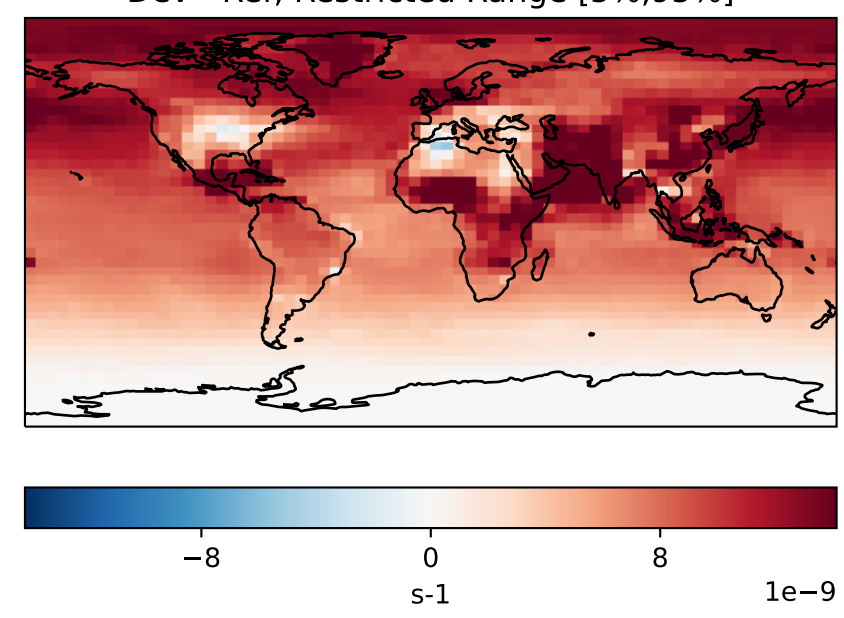

GCC_13.2.0 (Dev)
4.0x5.0



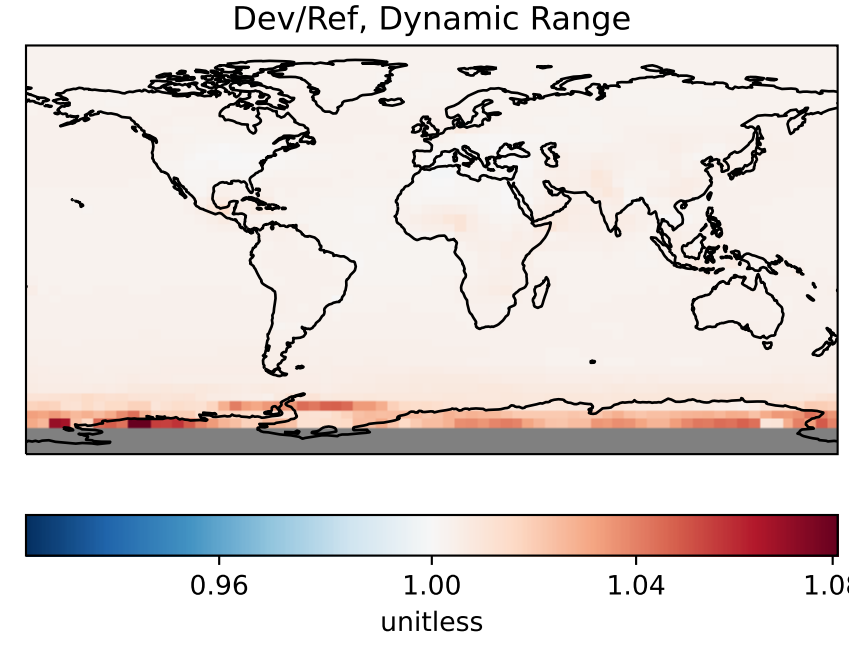

Difference
Dev - Ref, Dynamic Range



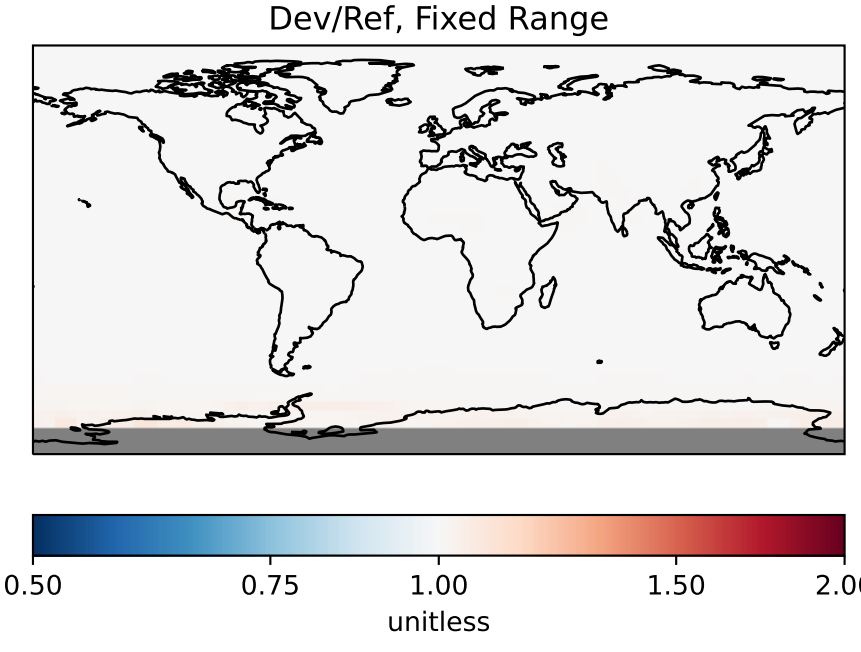

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

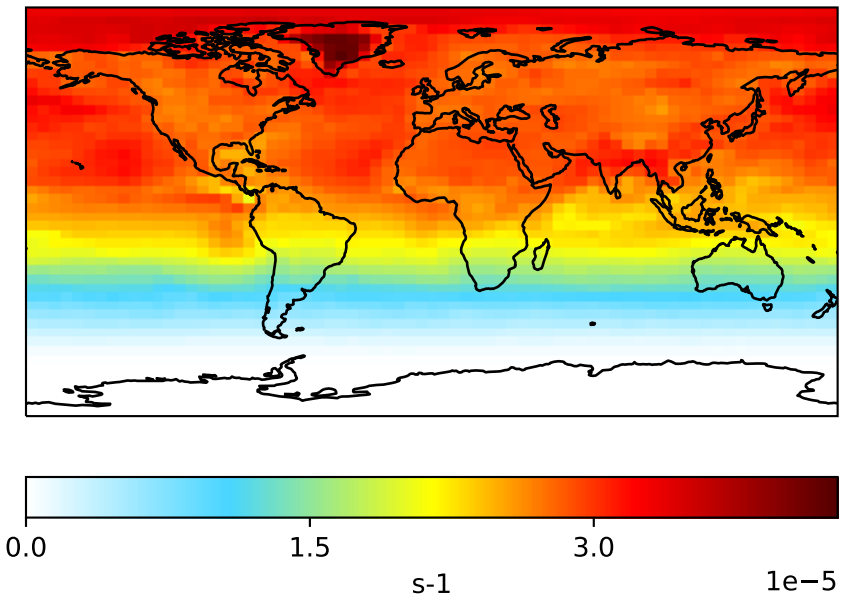



Ratio
Dev/Ref, Fixed Range

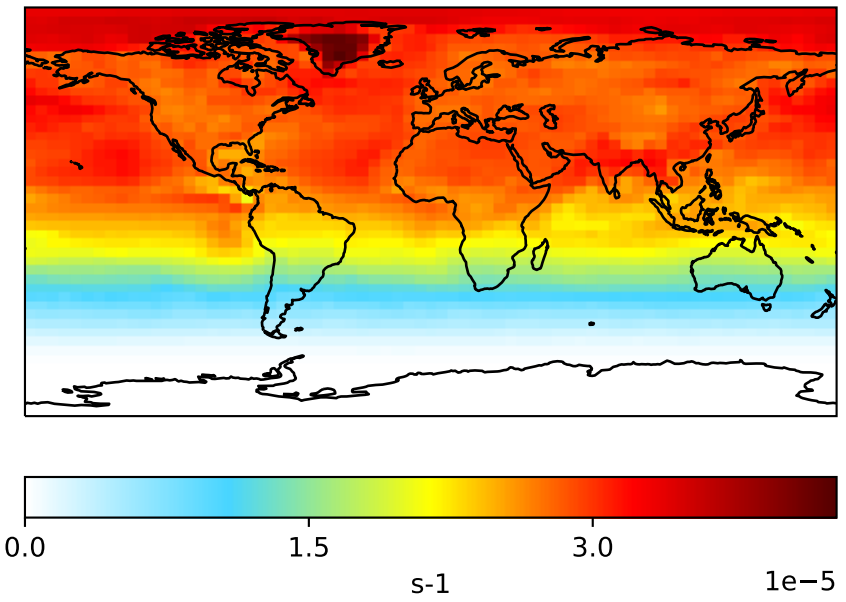


# Jval_RCHO (Jul2019)

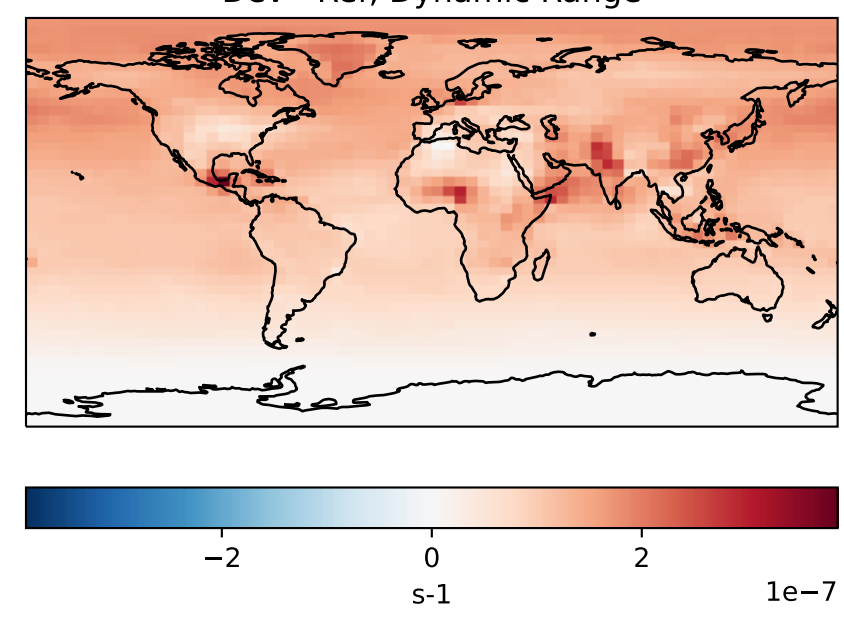
GCC_13.0.0 (Ref)
4.0x5.0



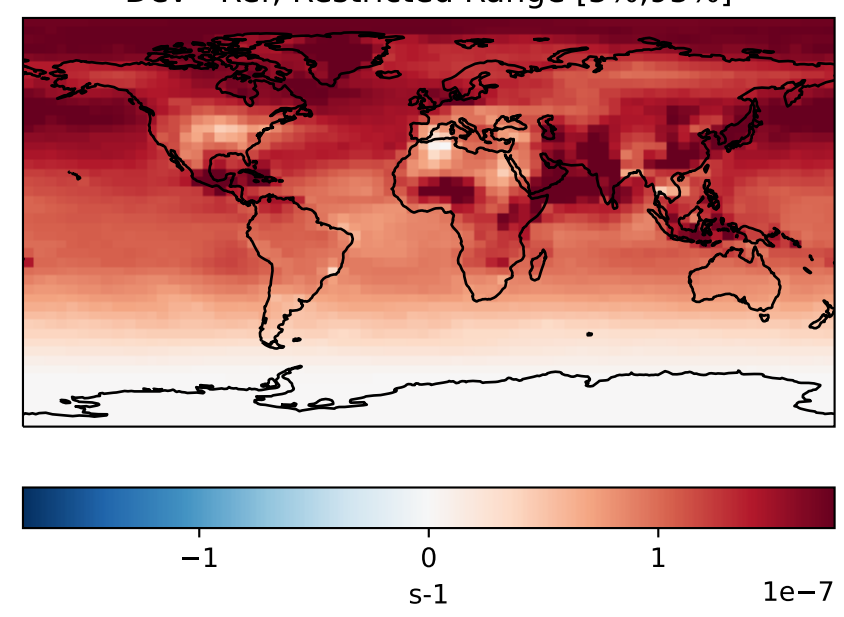

GCC_13.2.0 (Dev)
4.0x5.0



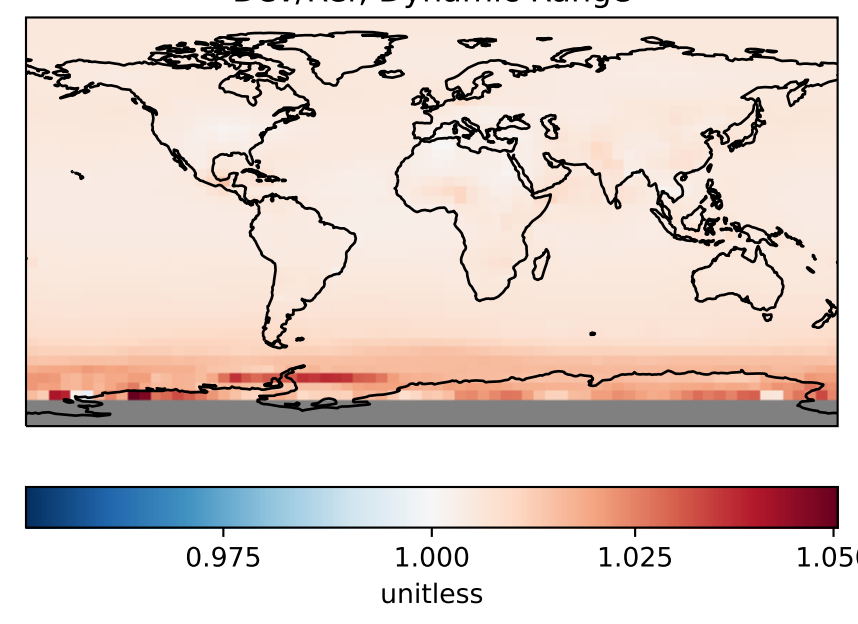

Difference
Dev - Ref, Dynamic Range



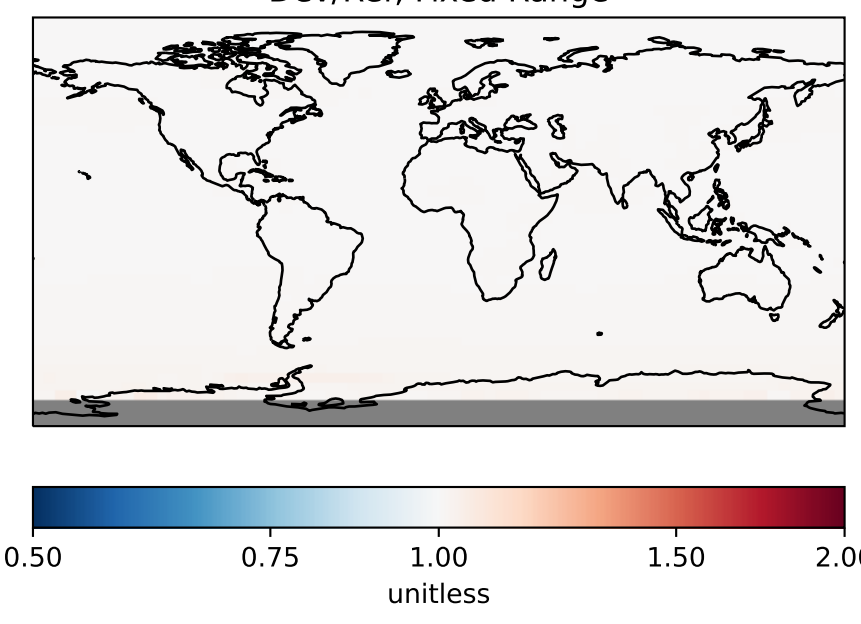

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

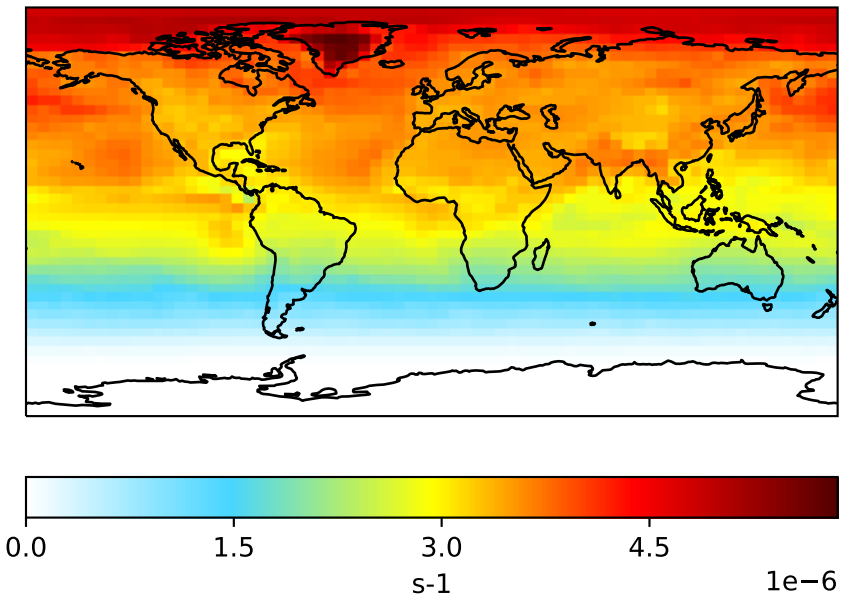



Ratio
Dev/Ref, Fixed Range

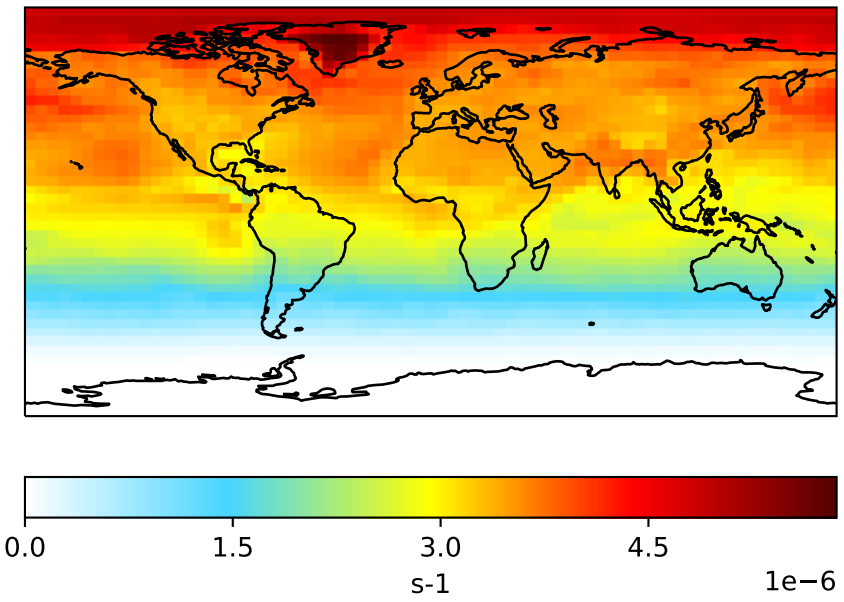


# Jval_RIPA (Jul2019)

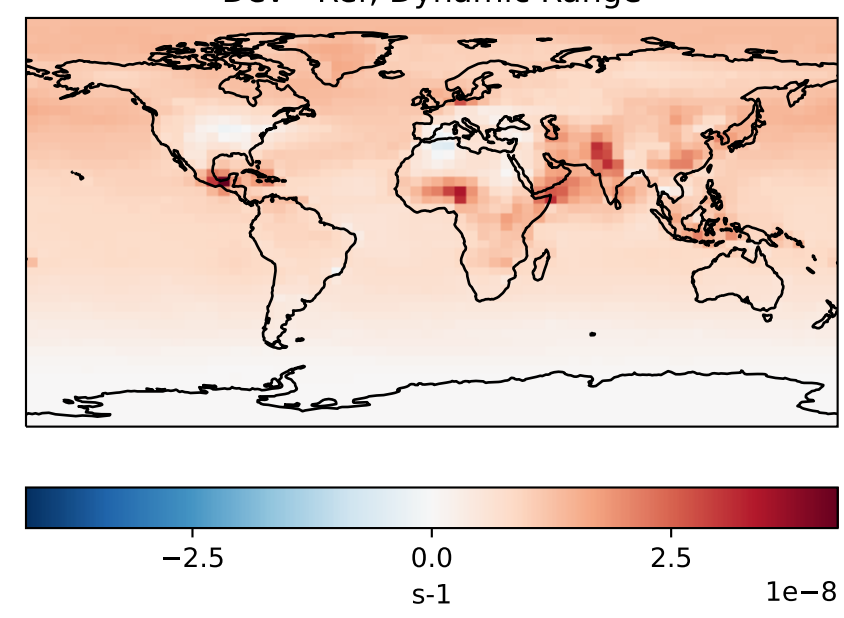
GCC_13.0.0 (Ref)
4.0x5.0



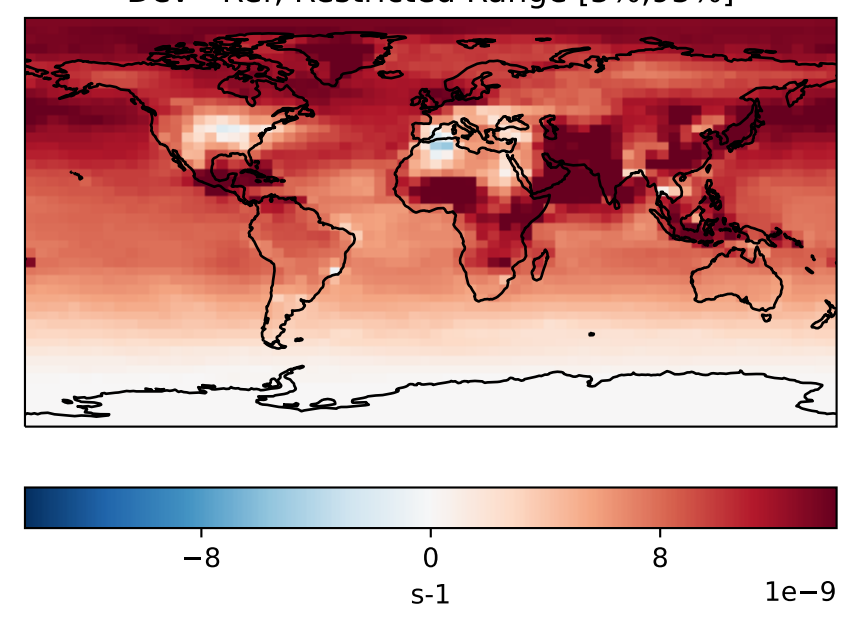

GCC_13.2.0 (Dev)
4.0x5.0



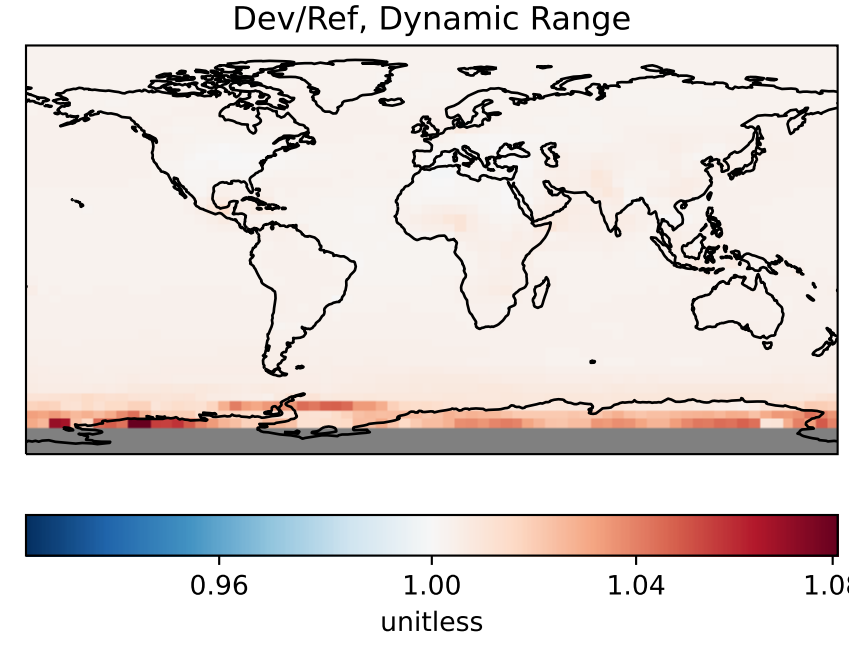

Difference
Dev - Ref, Dynamic Range



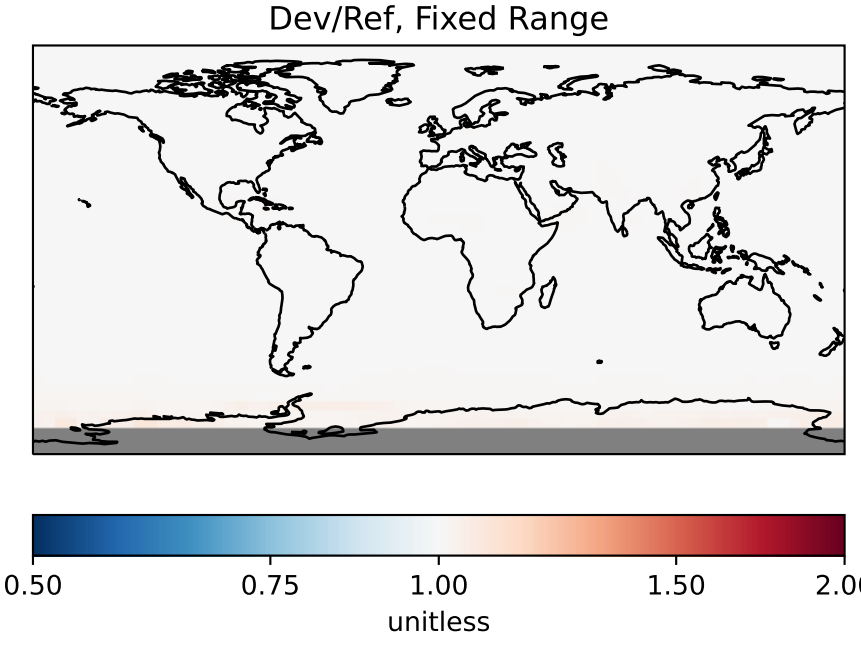

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

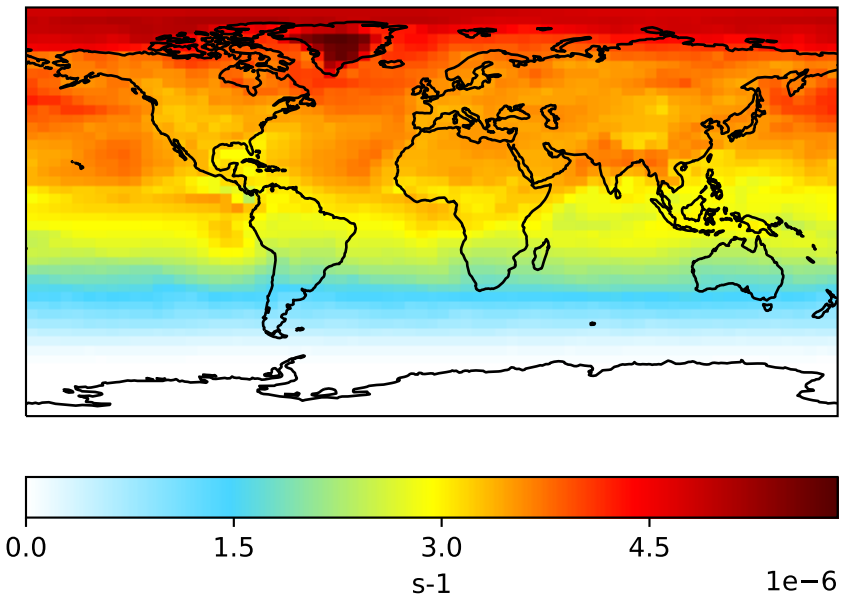



Ratio
Dev/Ref, Fixed Range

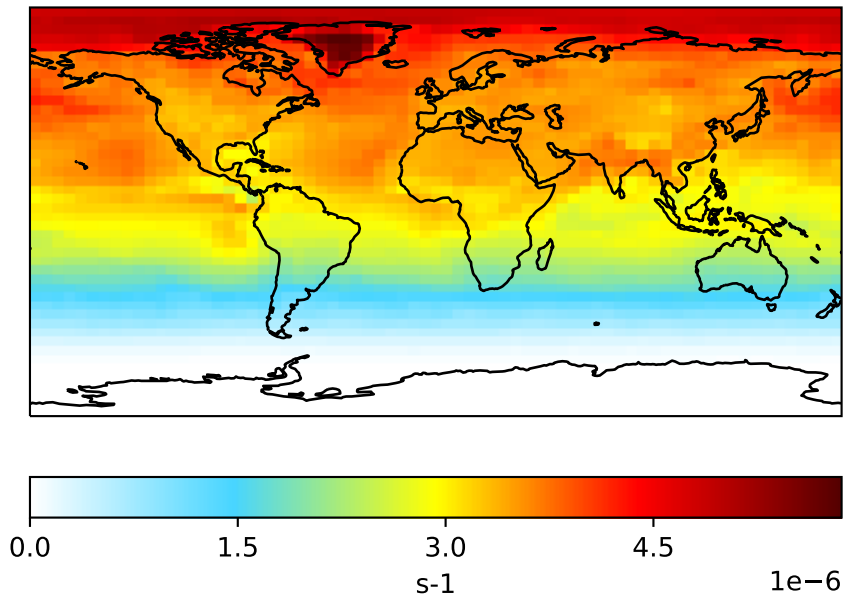


# Jval_RIPB (Jul2019)

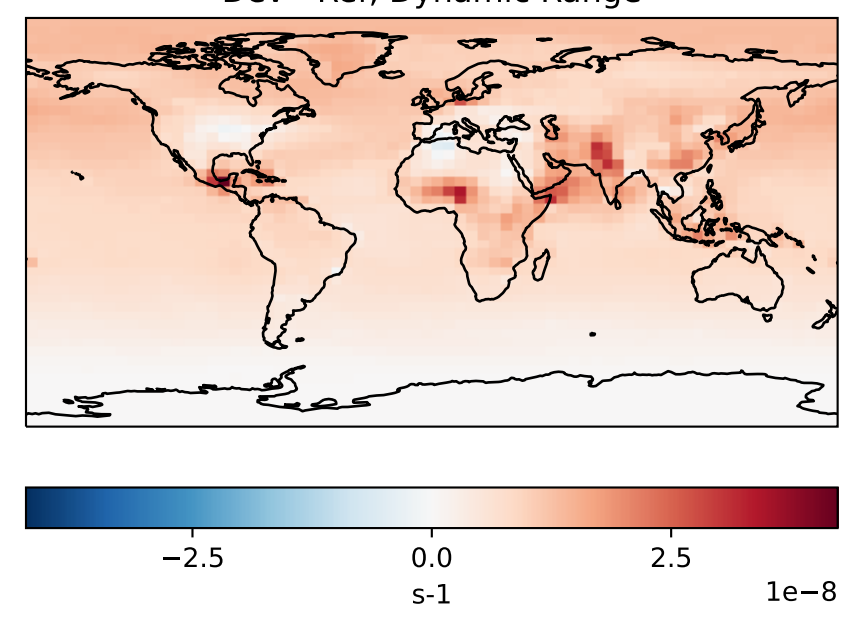
GCC_13.0.0 (Ref)
4.0x5.0



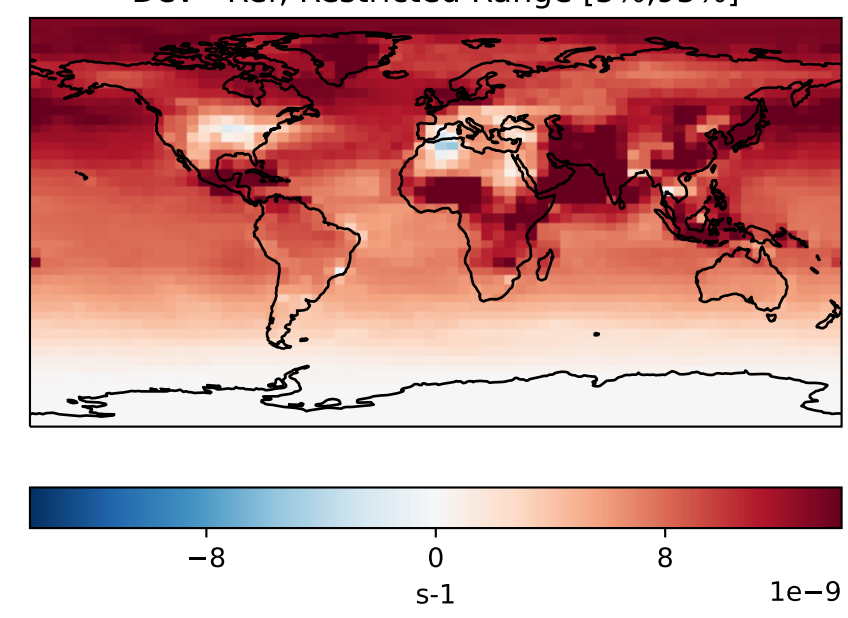

GCC_13.2.0 (Dev)
4.0x5.0



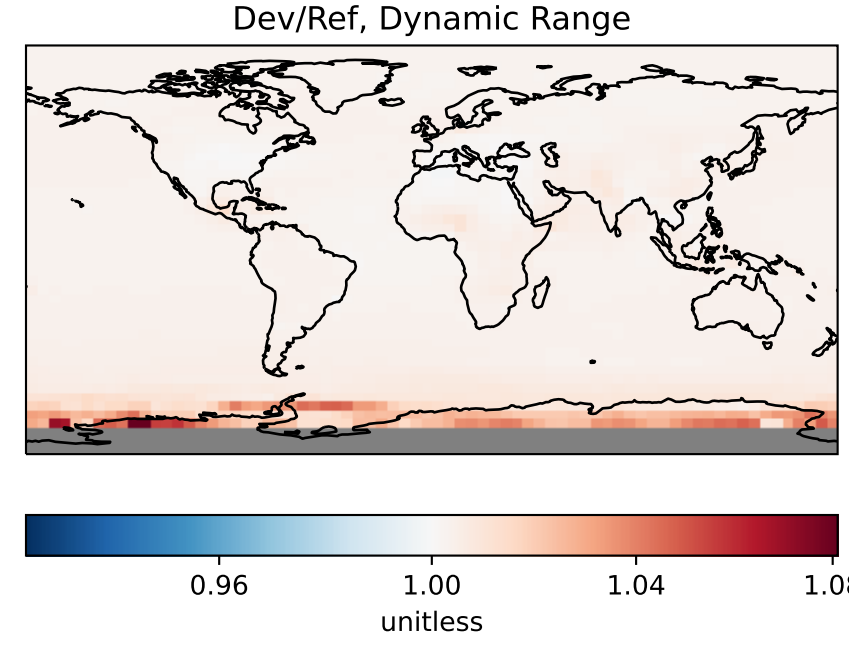

Difference
Dev - Ref, Dynamic Range



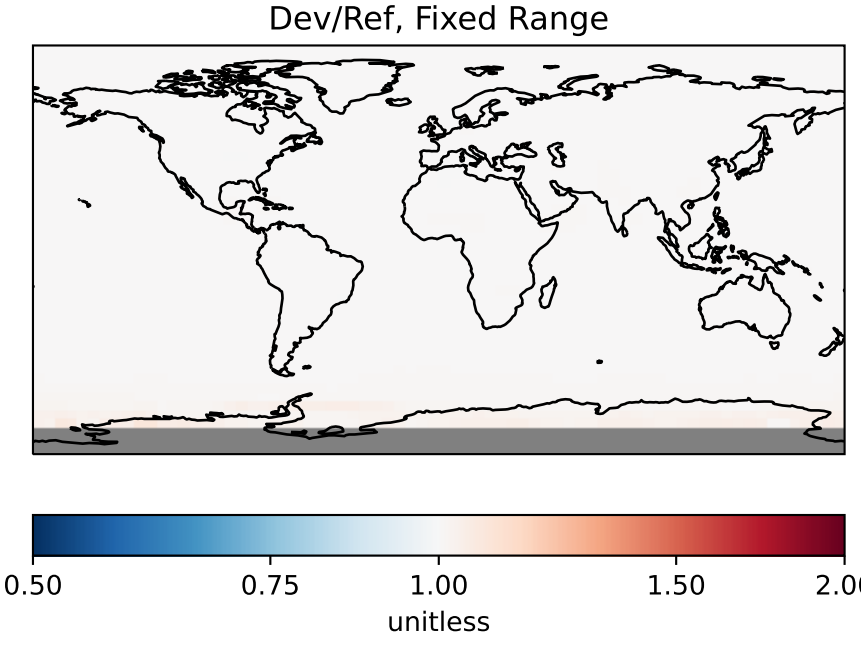

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

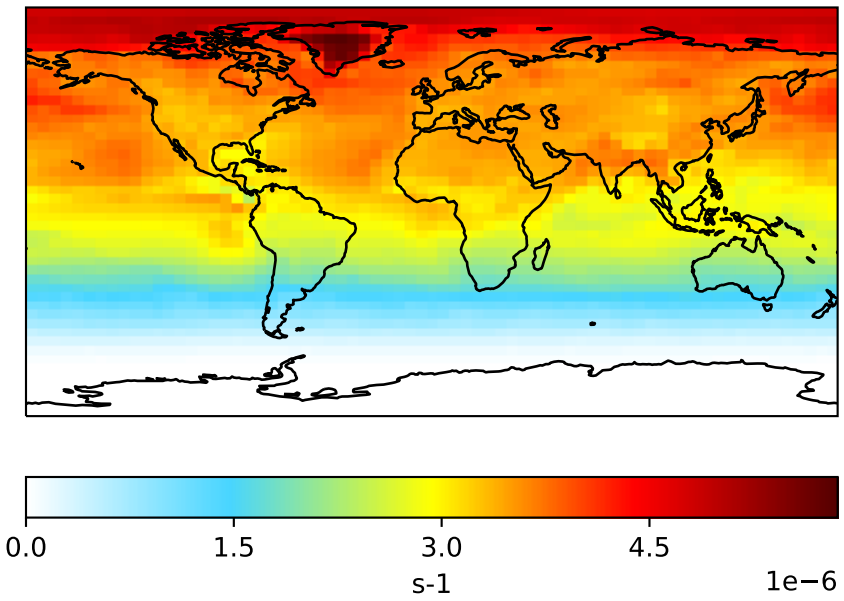



Ratio
Dev/Ref, Fixed Range

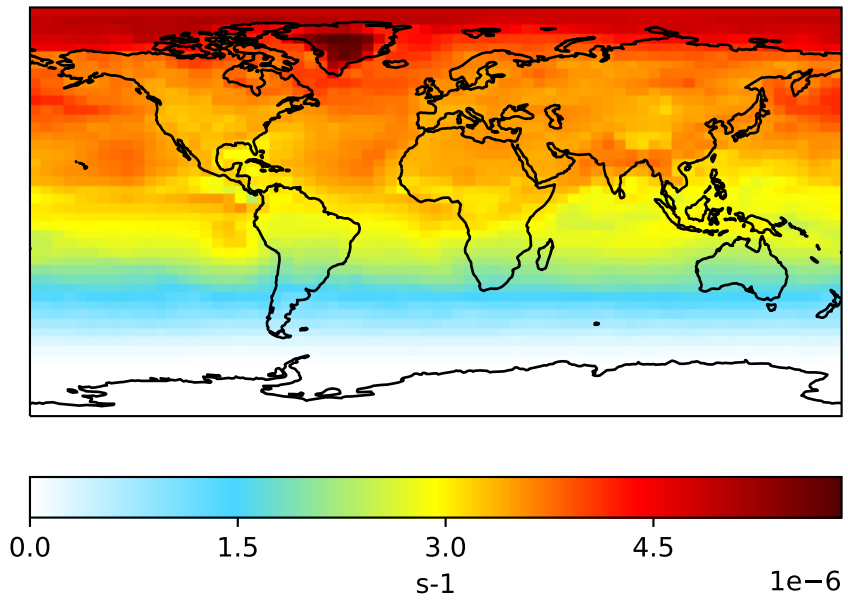


# Jval_RIPC (Jul2019)

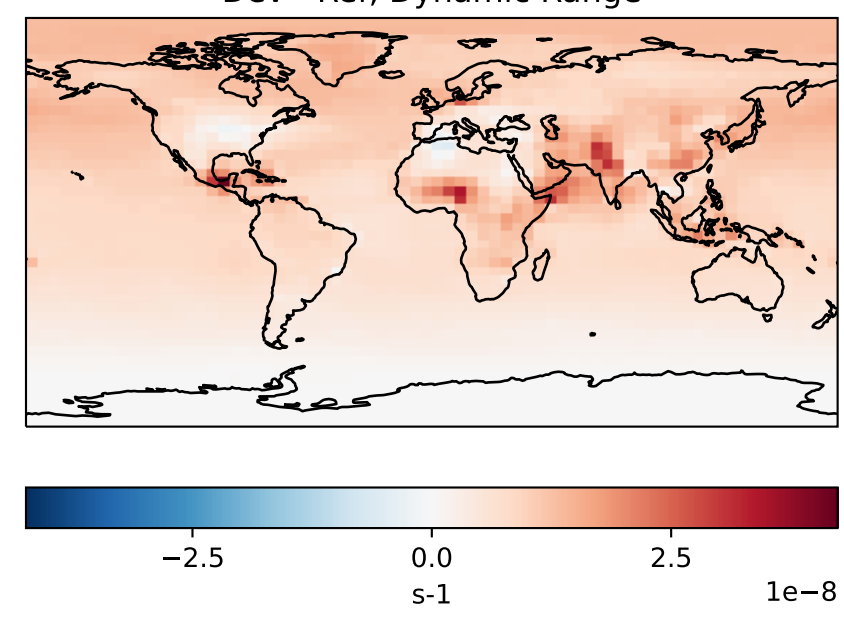
GCC_13.0.0 (Ref)
4.0x5.0



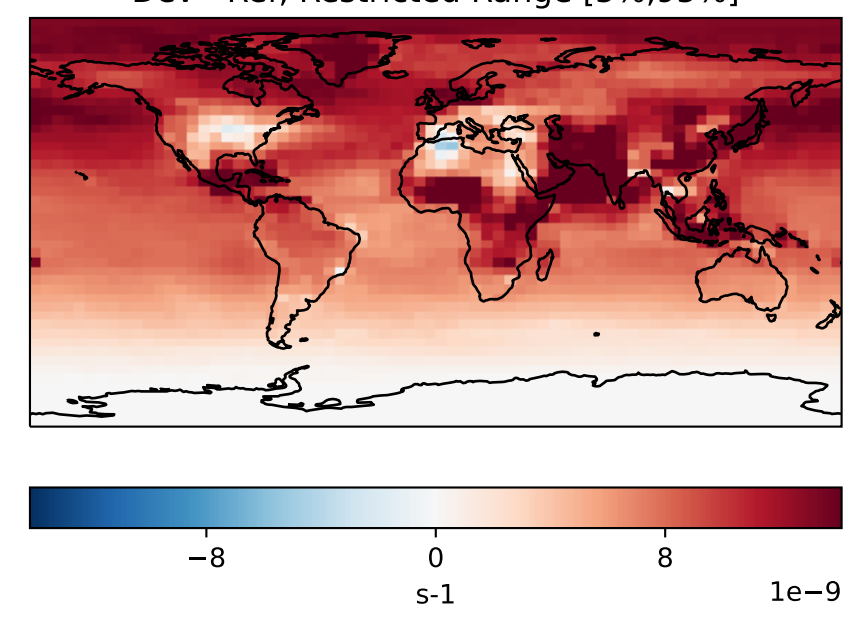

GCC_13.2.0 (Dev)
4.0x5.0



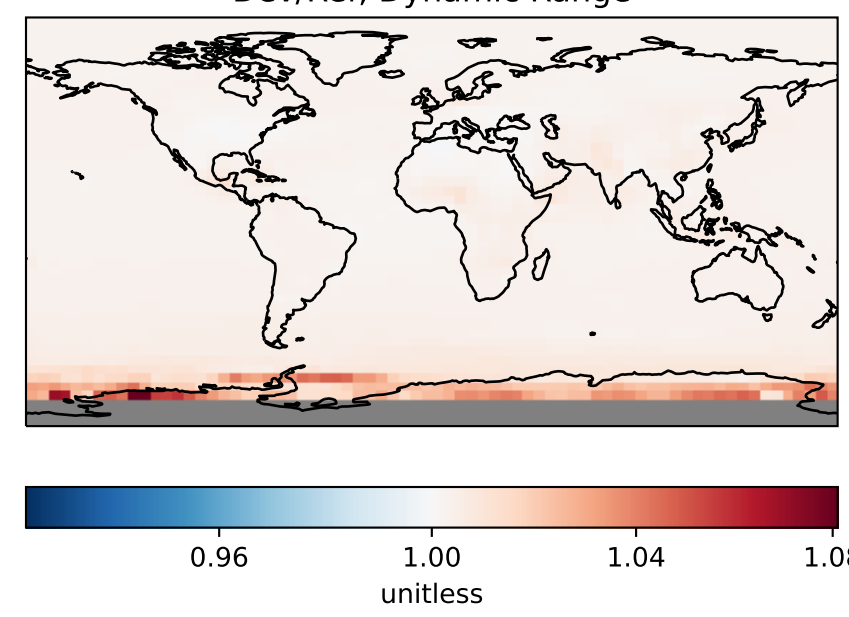

Difference
Dev - Ref, Dynamic Range



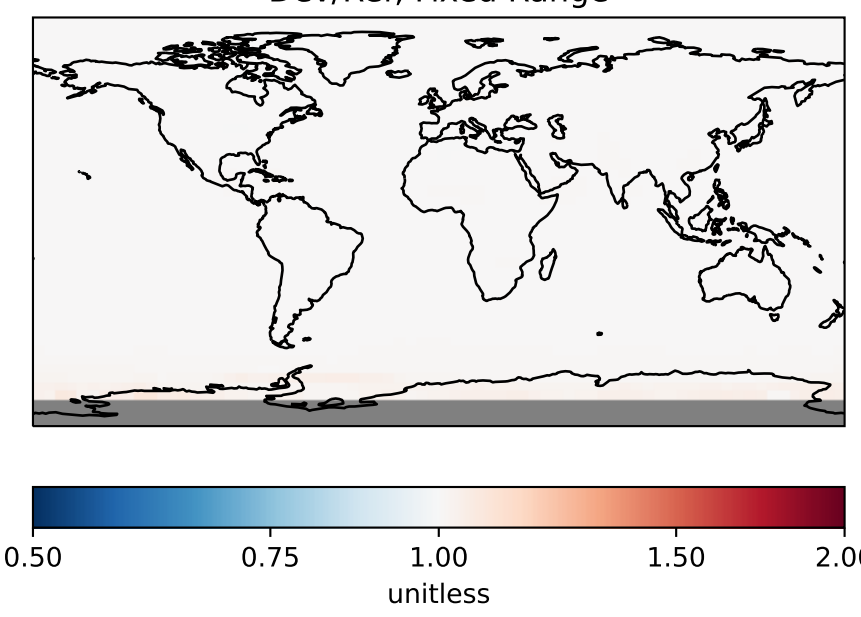

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

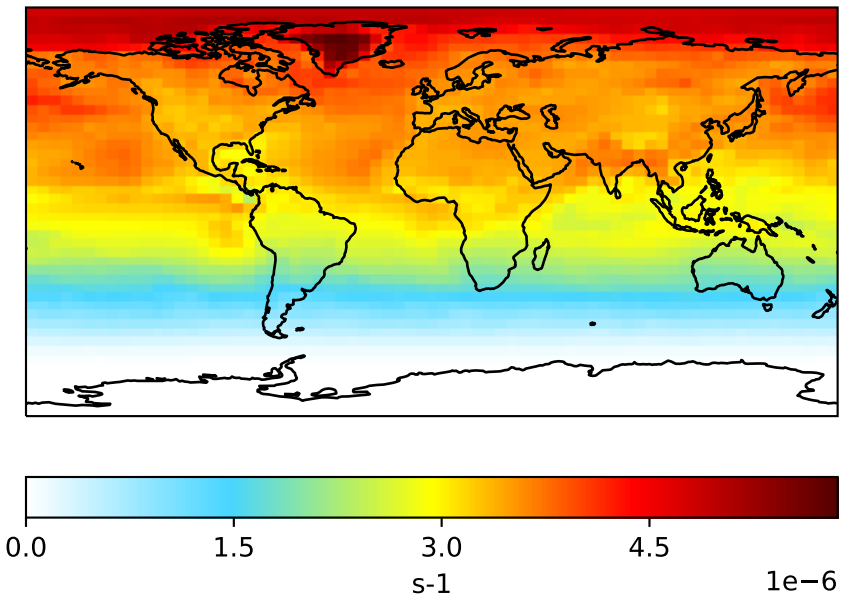



Ratio
Dev/Ref, Fixed Range

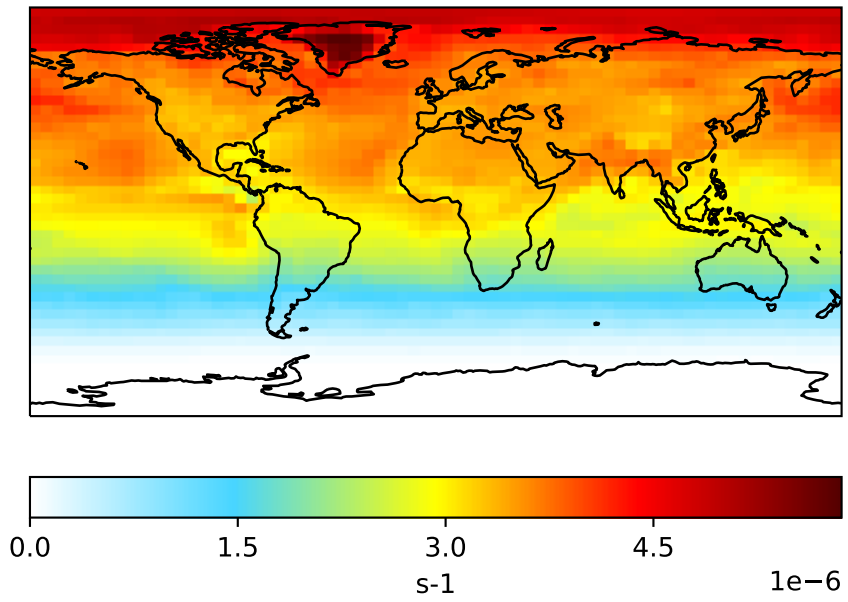


# Jval_RIPD (Jul2019)

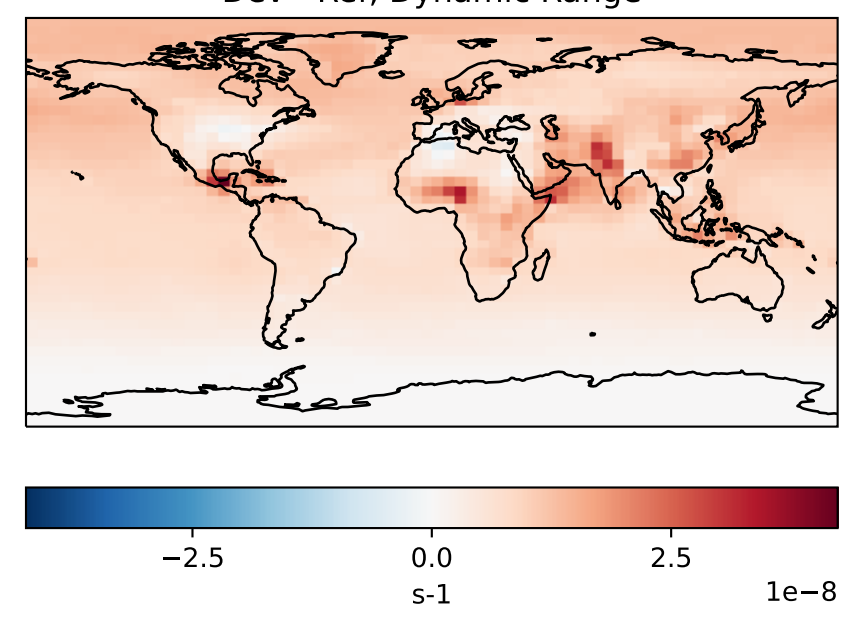
GCC_13.0.0 (Ref)
4.0x5.0



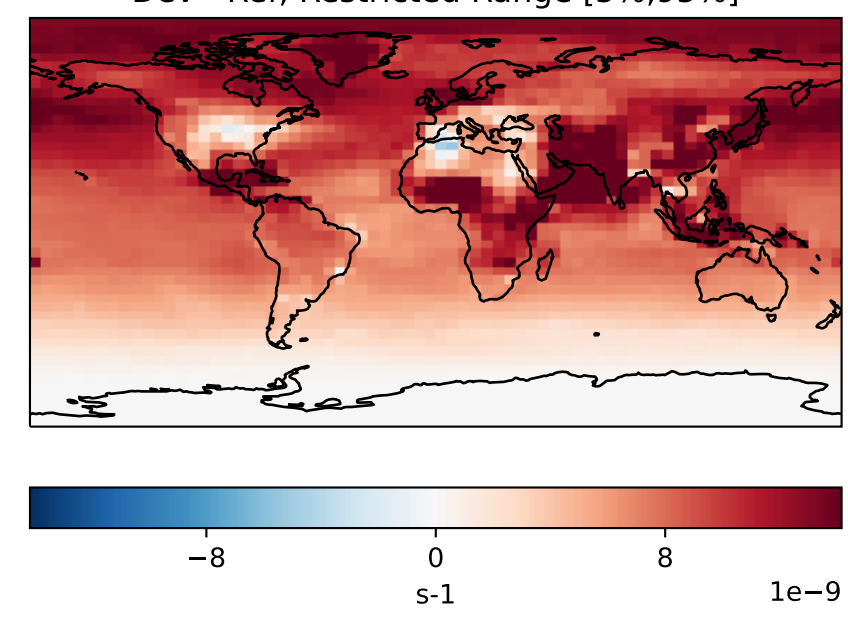

GCC_13.2.0 (Dev)
4.0x5.0



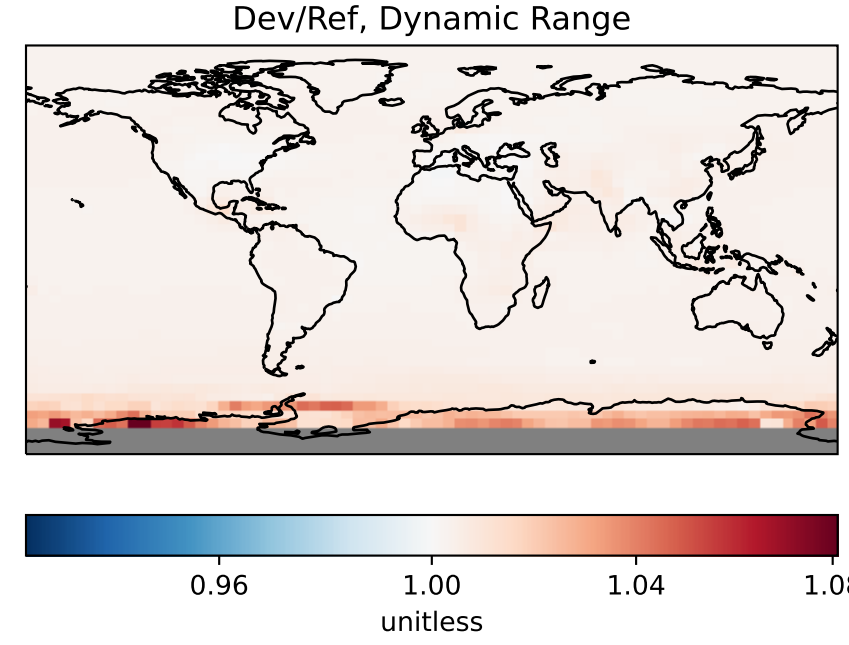

Difference
Dev - Ref, Dynamic Range



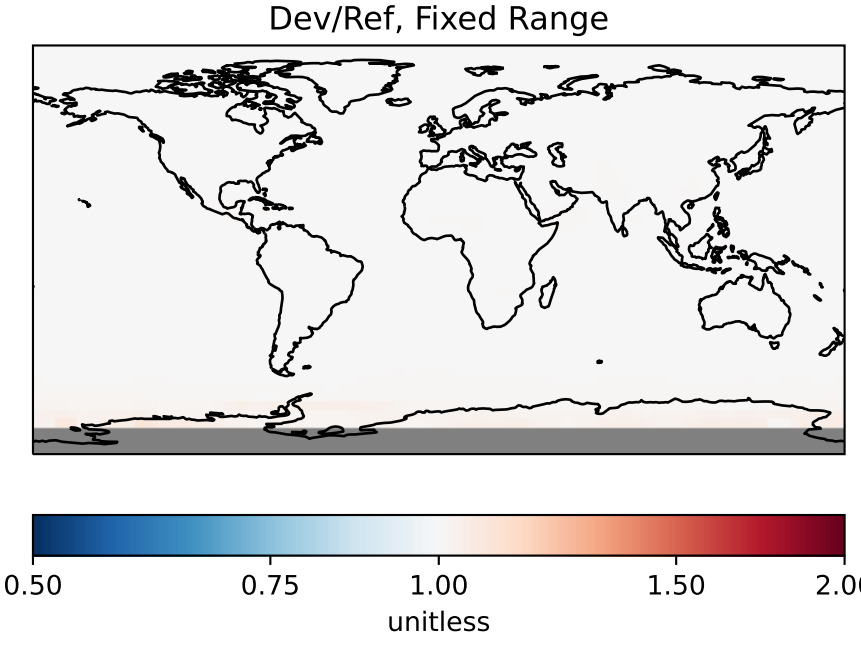

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

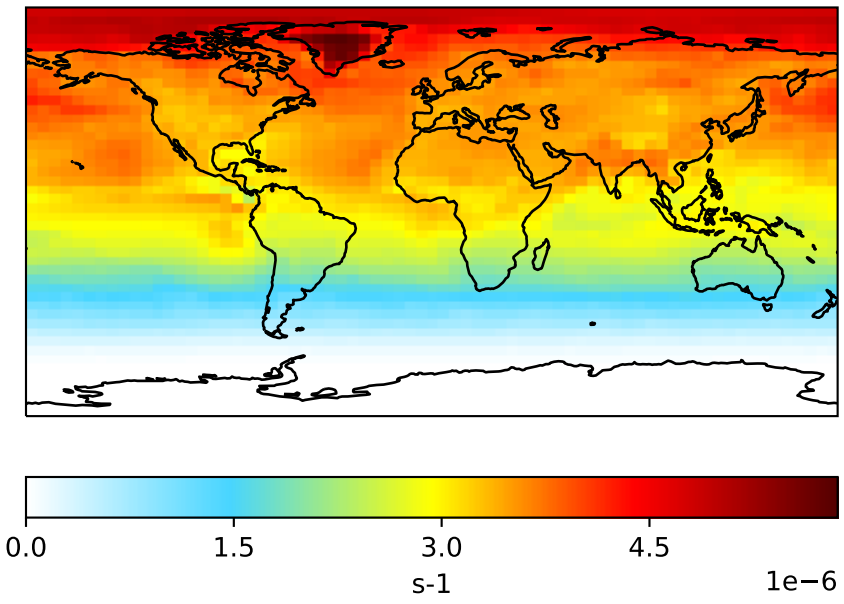



Ratio
Dev/Ref, Fixed Range

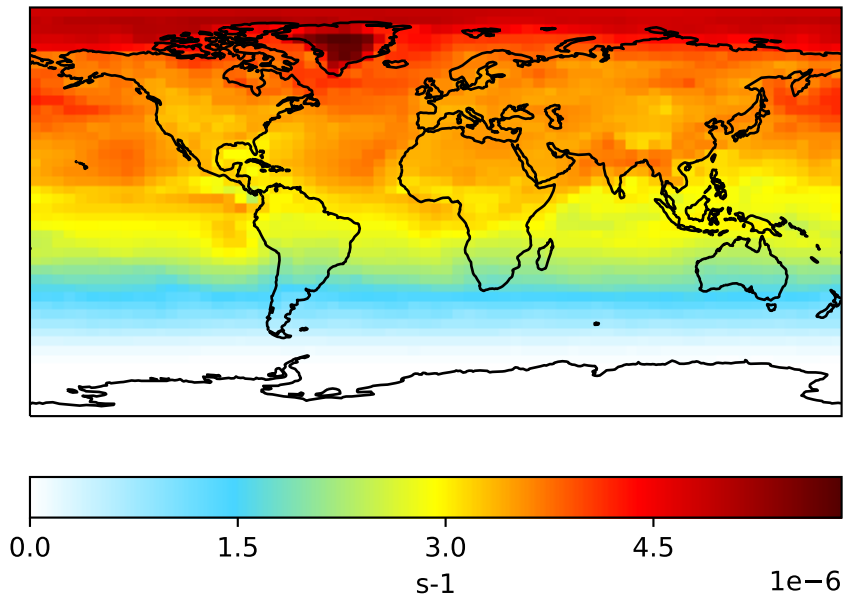


# Jval_RP (Jul2019)

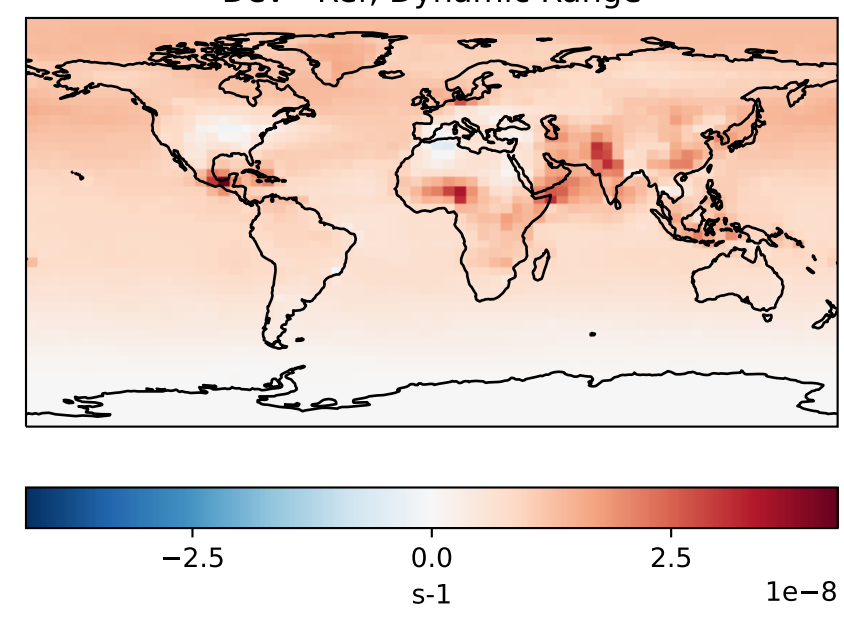
GCC_13.0.0 (Ref)
4.0x5.0



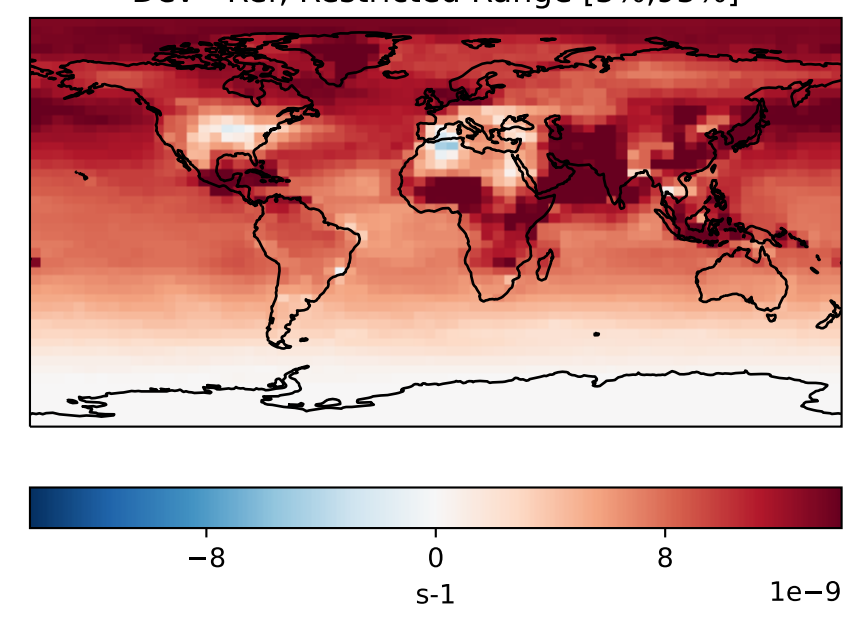

GCC_13.2.0 (Dev)
4.0x5.0



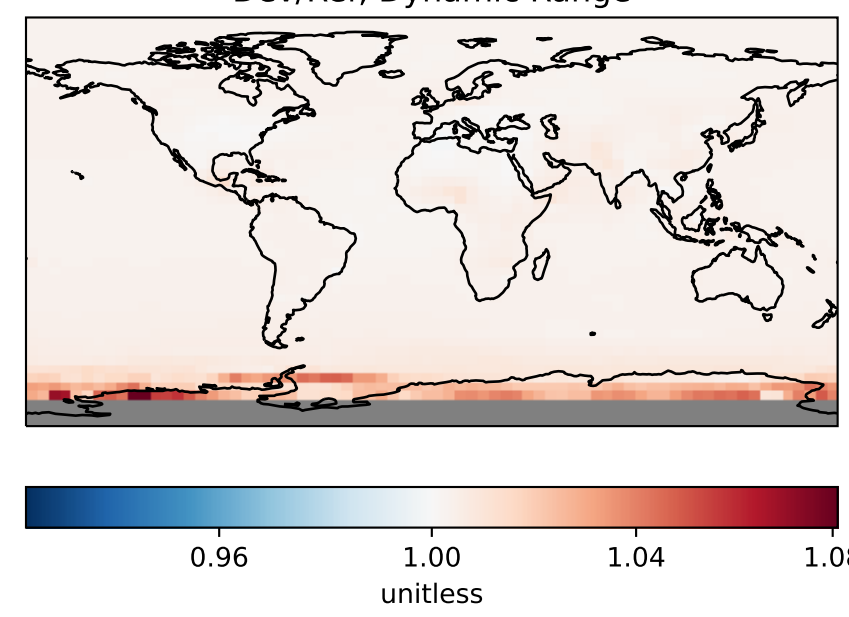

Difference
Dev - Ref, Dynamic Range



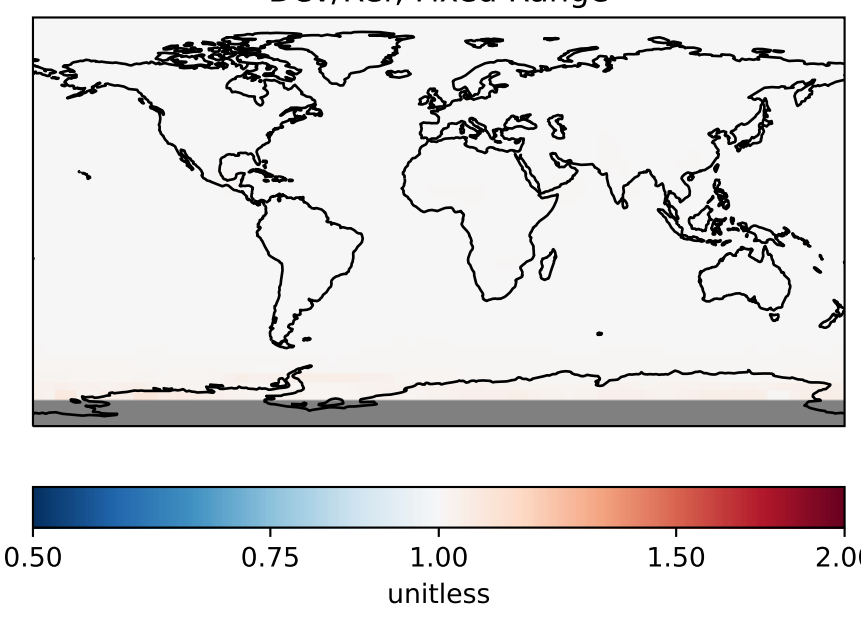

Difference
Dev - Ref, Restricted Range [5%,95%]




Ratio
Dev/Ref, Dynamic Range

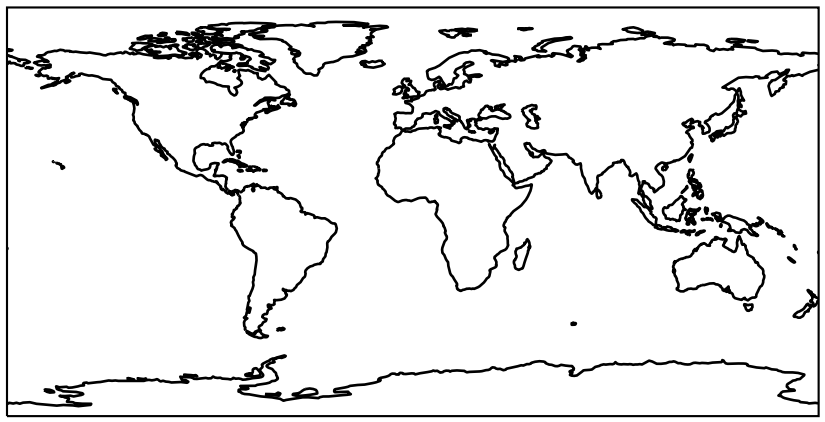



Ratio
Dev/Ref, Fixed Range



# Jval_SO4 (Jul2019)

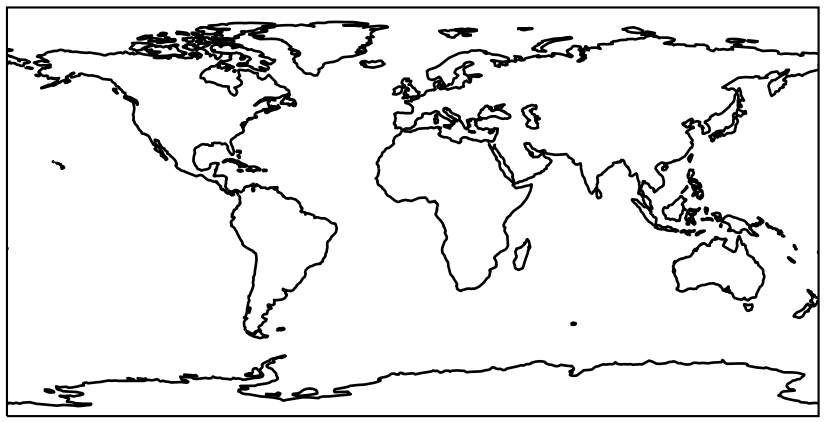
GCC_13.0.0 (Ref)
4.0x5.0





Zero throughout domain
s-1

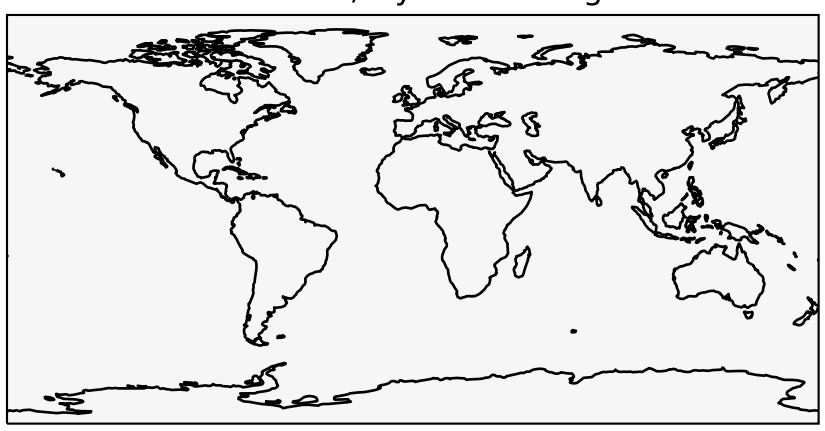
GCC_13.2.0 (Dev)
4.0x5.0





Zero throughout domain
s-1

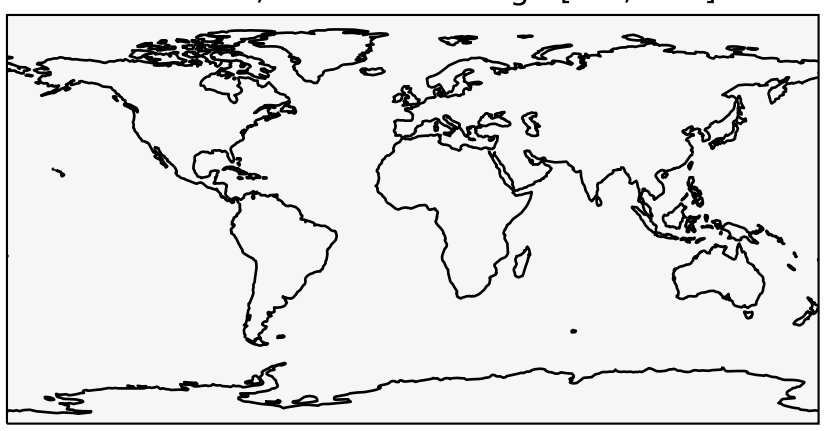
Difference
Dev - Ref, Dynamic Range





Zero throughout domain
s-1

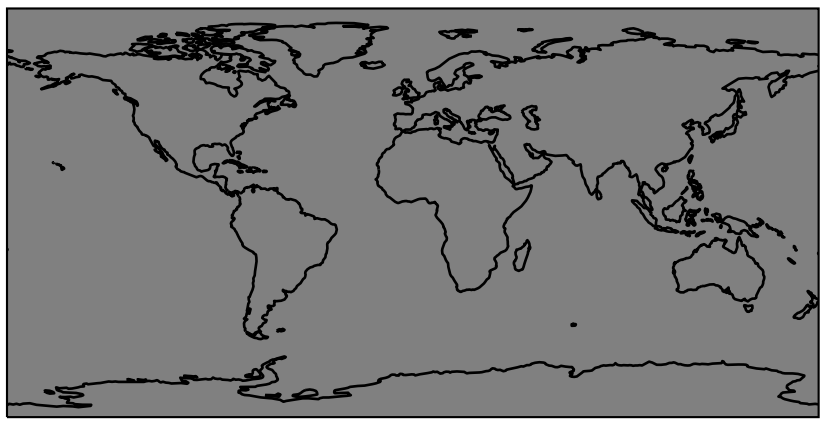
Difference
Dev - Ref, Restricted Range [5%,95%]





Zero throughout domain
s-1

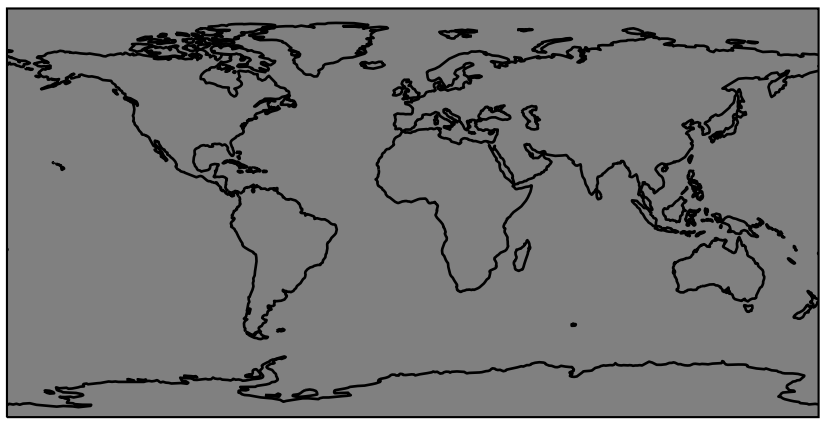
Ratio
Dev/Ref, Dynamic Range





Undefined throughout domain
unitless

Ratio
Dev/Ref, Fixed Range





Undefined throughout domain
unitless