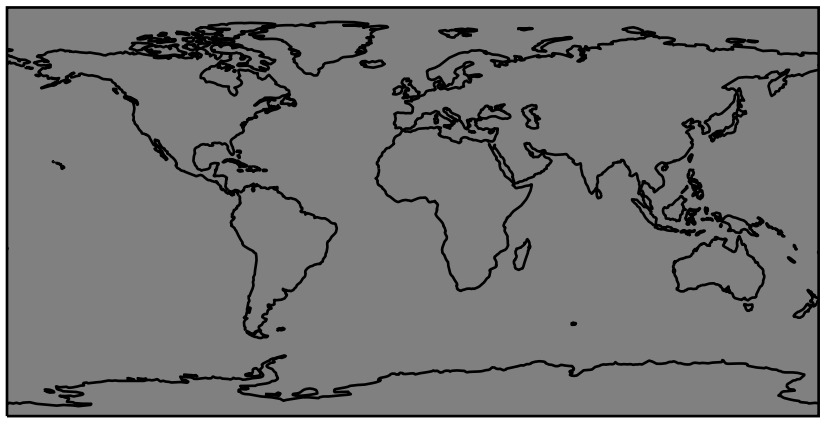
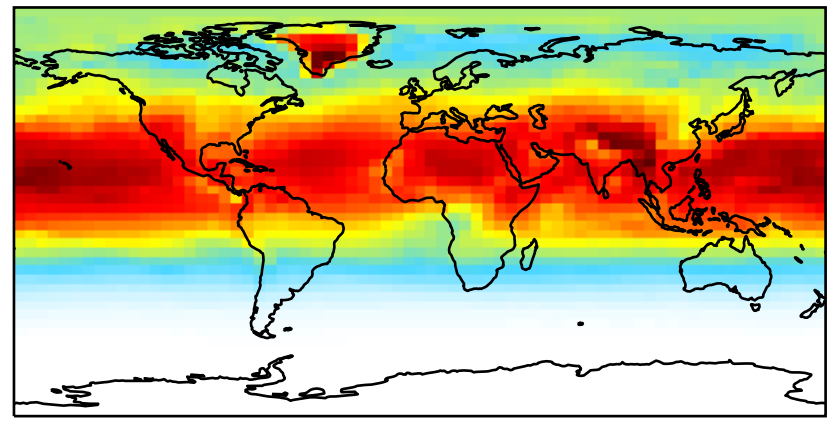
JvalO3O1D (Jul2019)

GCC_12.9.0 (Ref)
4.0x5.0



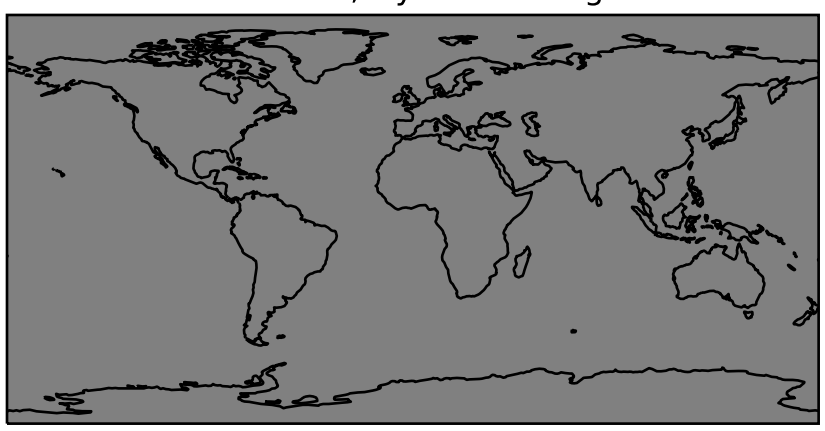
Undefined throughout domain
s-1

GCC_13.0.0-beta.1 (Dev)
4.0x5.0



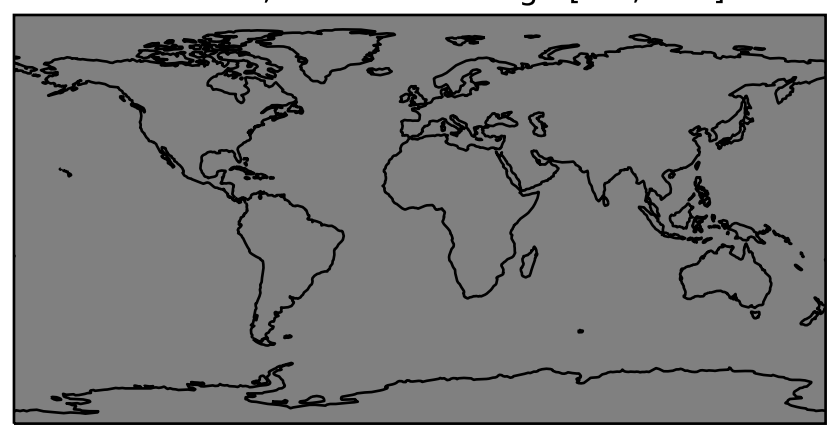
0.000 0.004 0.008 0.012
s-1

Difference
Dev - Ref, Dynamic Range



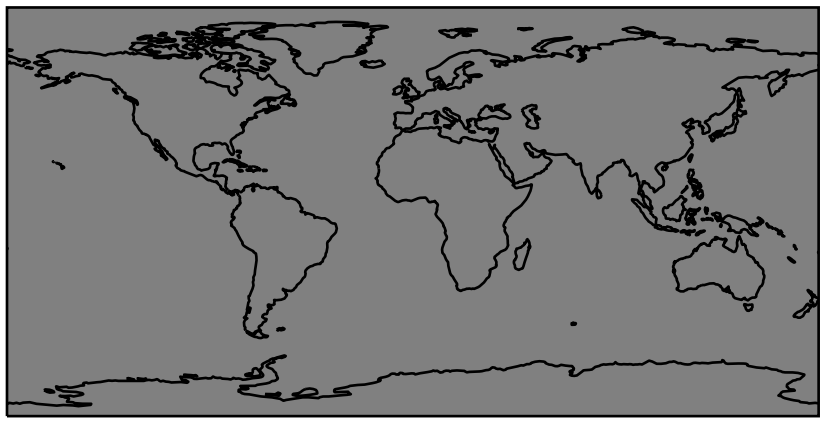
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s-1

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



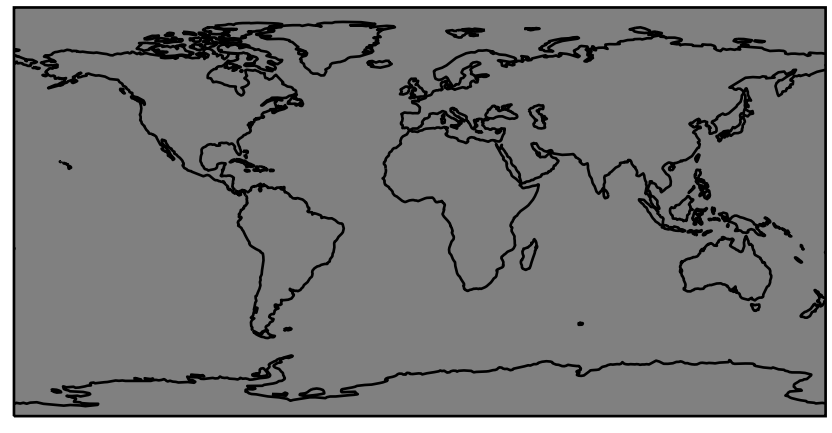
Undefined throughout domain
s-1

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

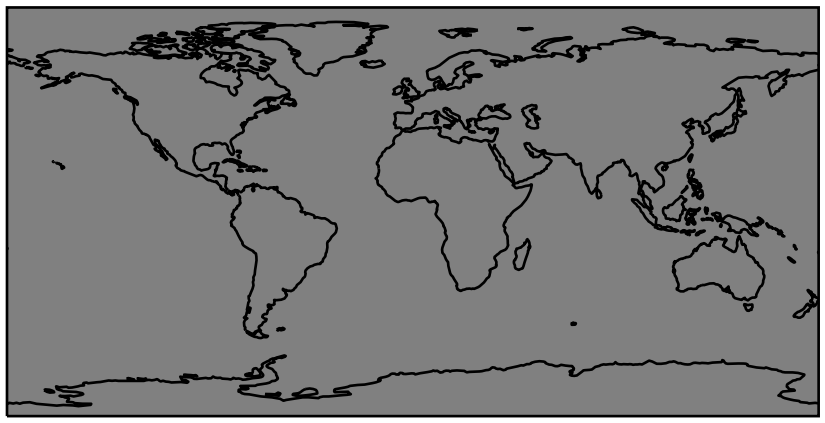
Ratio
Dev/Ref, Fixed Range



Undefined throughout domain
unitless

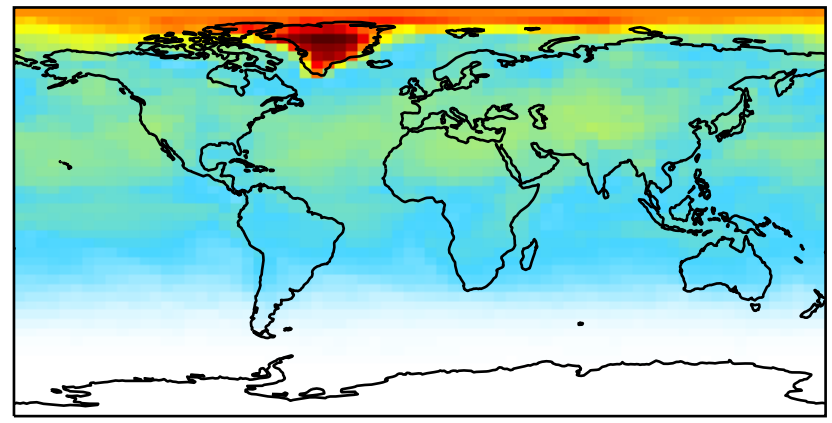
JvalO3O3P (Jul2019)

GCC_12.9.0 (Ref)
4.0x5.0



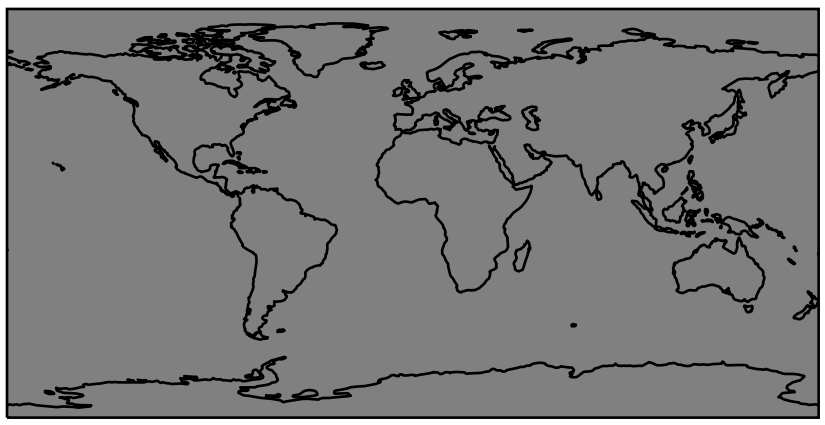
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s-1

GCC_13.0.0-beta.1 (Dev)
4.0x5.0



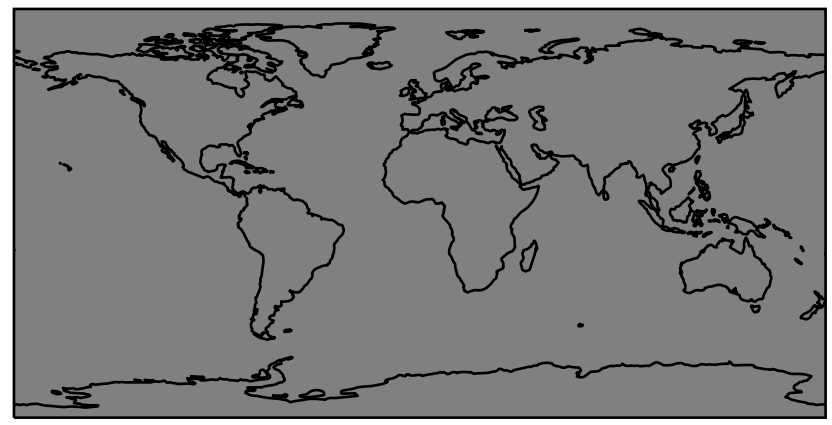
0.0 0.1 0.2 0.3 0.4 0.5 0.6
s-1

Difference
Dev - Ref, Dynamic Range



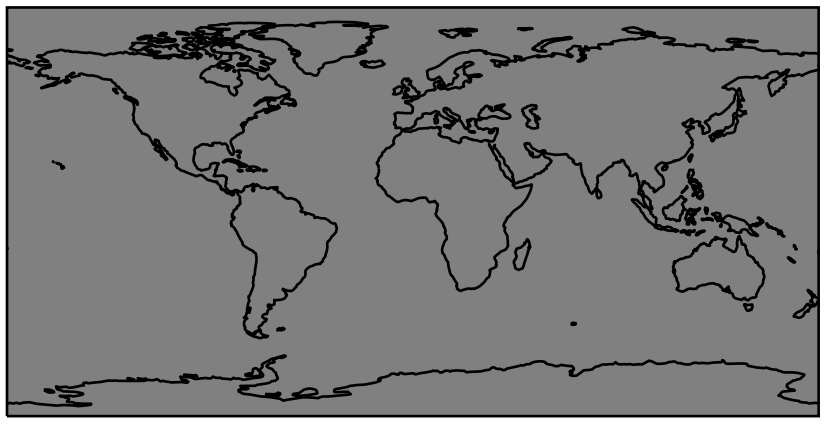
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s-1

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



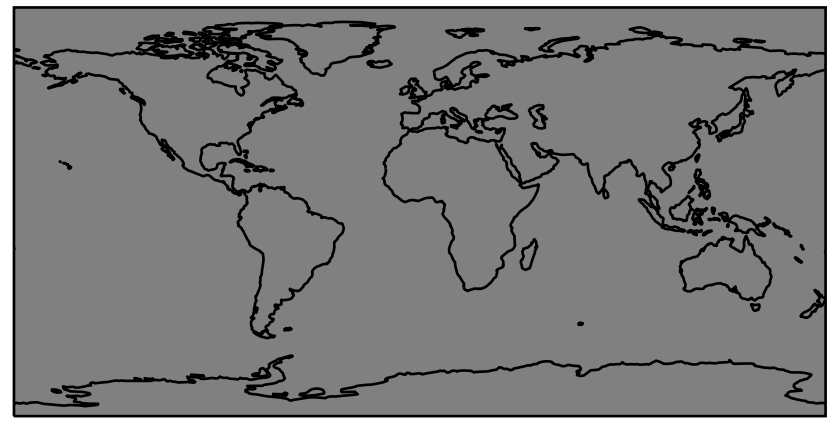
Undefined throughout domain
s-1

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

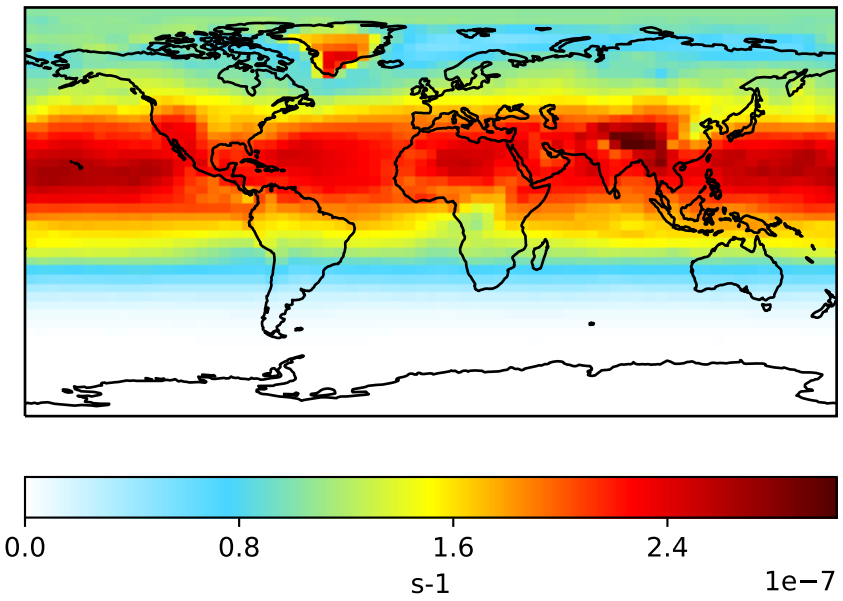
Ratio
Dev/Ref, Fixed Range



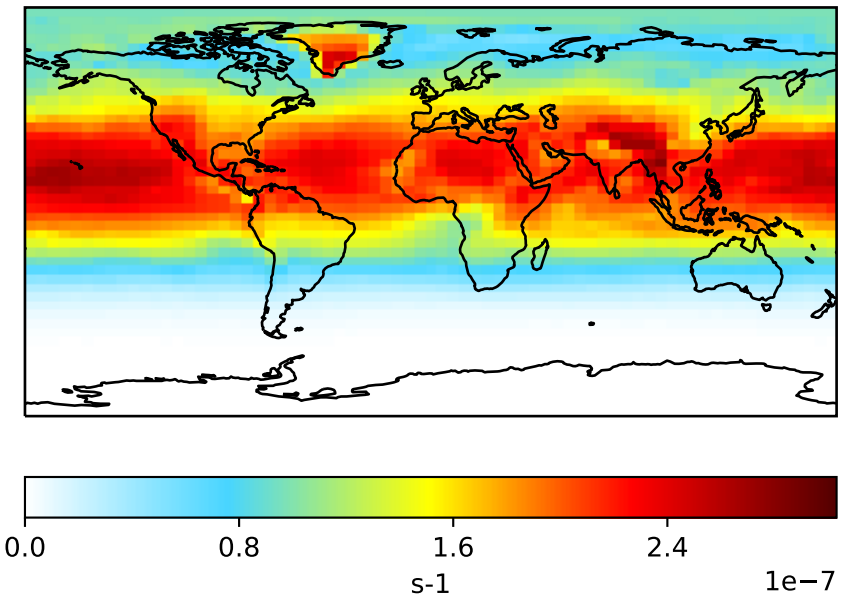
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Jval_ACET (Jul2019)

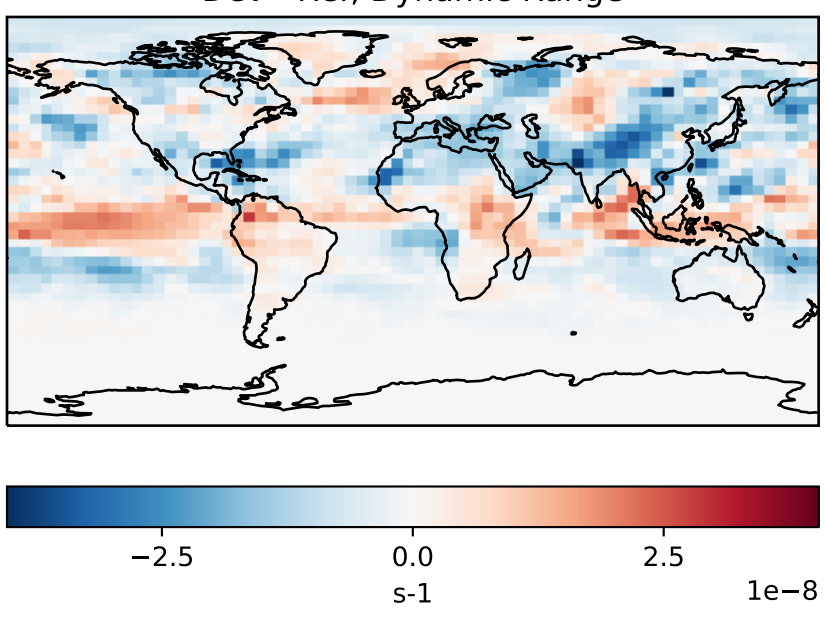
GCC_12.9.0 (Ref)
4.0x5.0



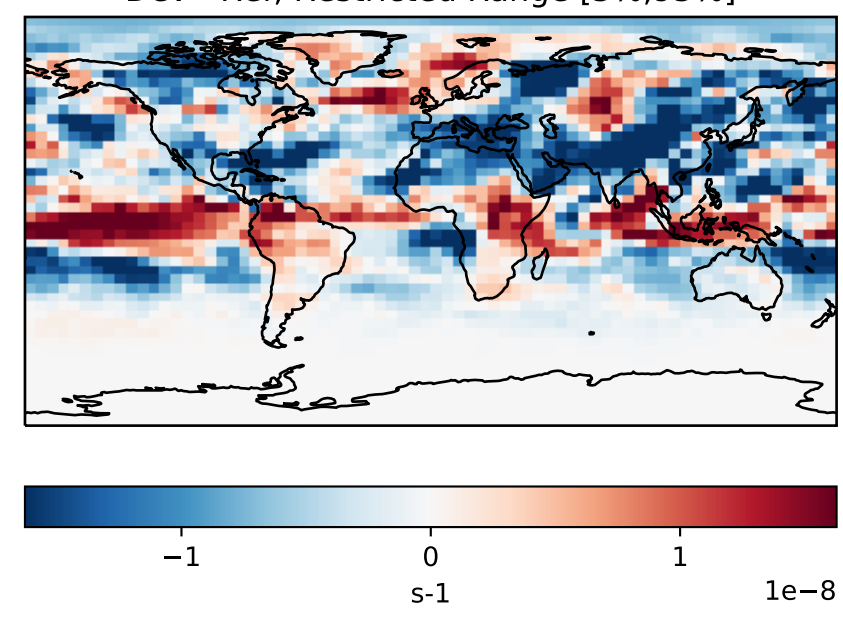
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



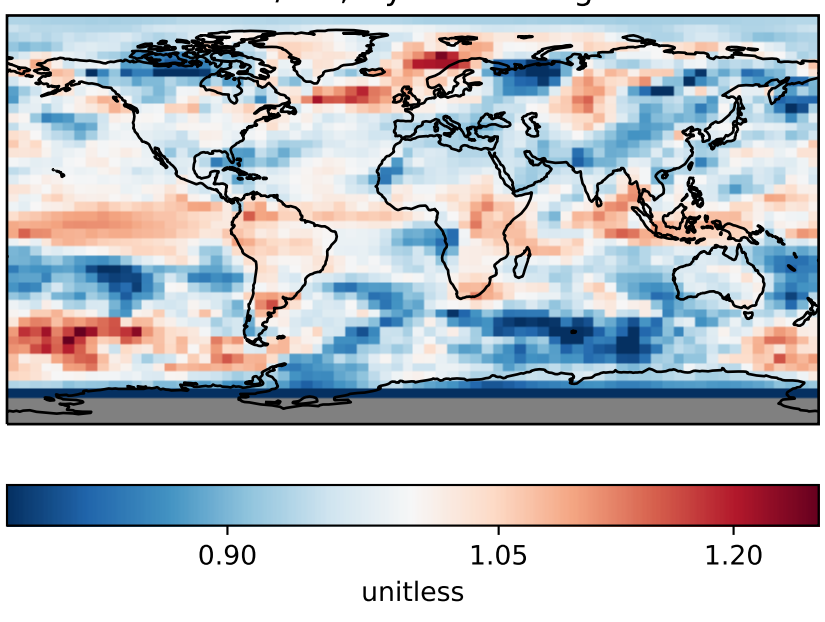
Difference
Dev - Ref, Dynamic Range



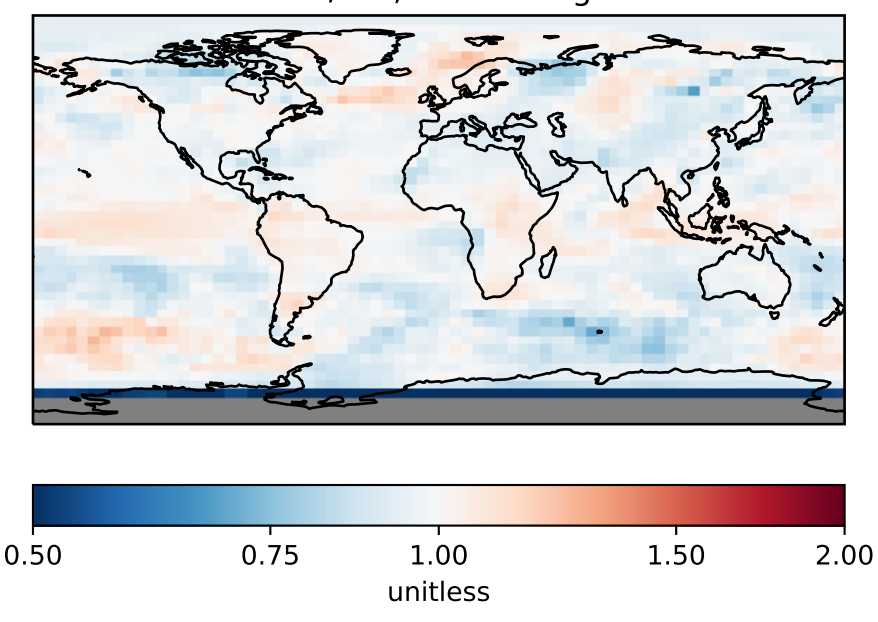
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

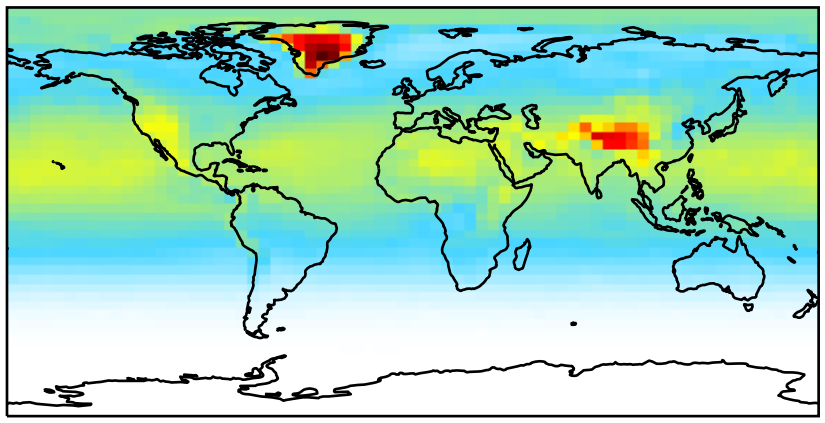


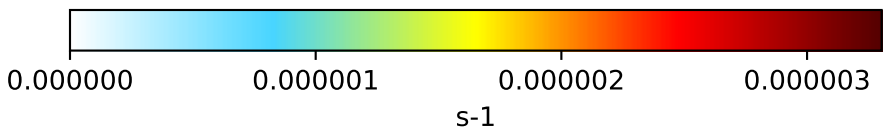
Ratio
Dev/Ref, Fixed Range



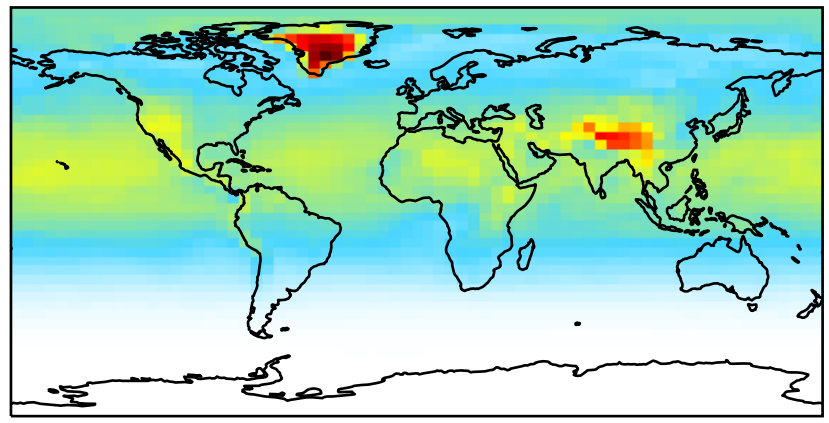
Jval_ALD2 (Jul2019)

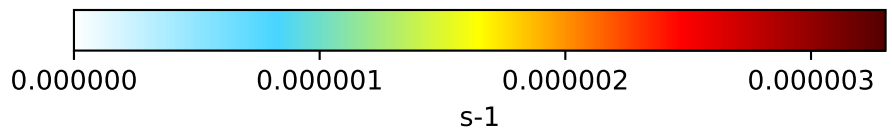
GCC_12.9.0 (Ref)
4.0x5.0



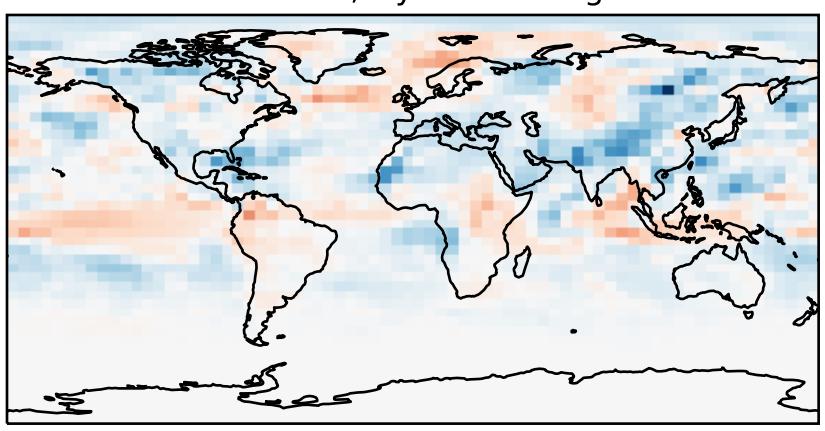


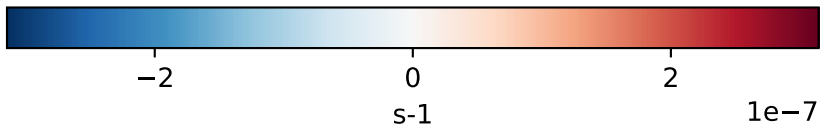
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



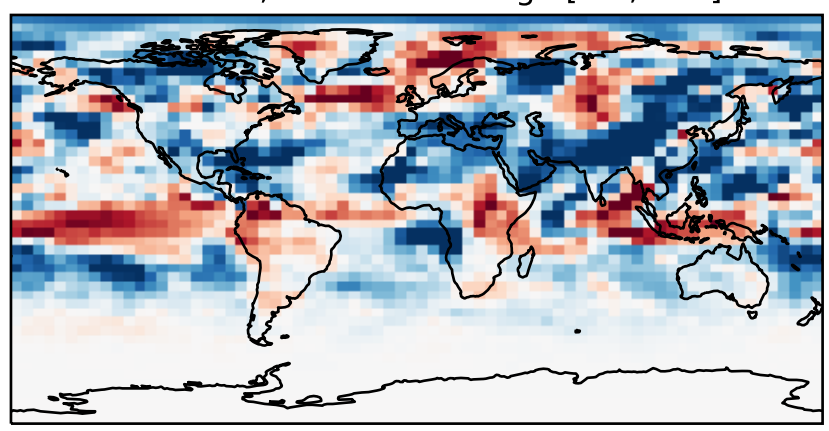


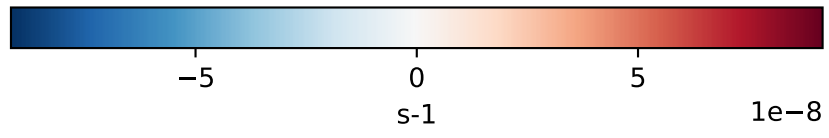
Difference
Dev - Ref, Dynamic Range



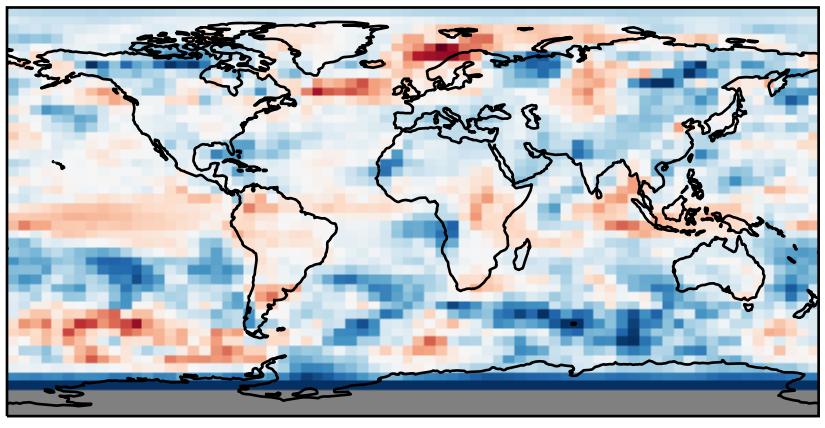


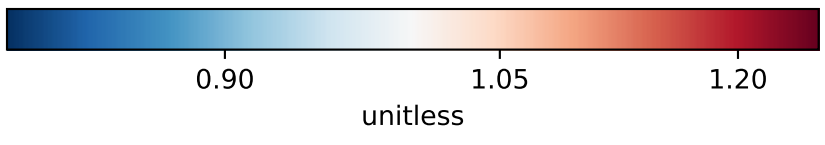
Difference
Dev - Ref, Restricted Range [5%,95%]



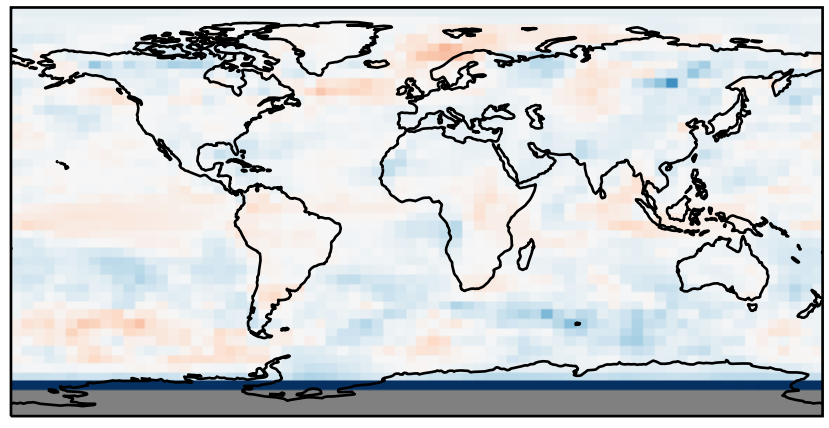


Ratio
Dev/Ref, Dynamic Range





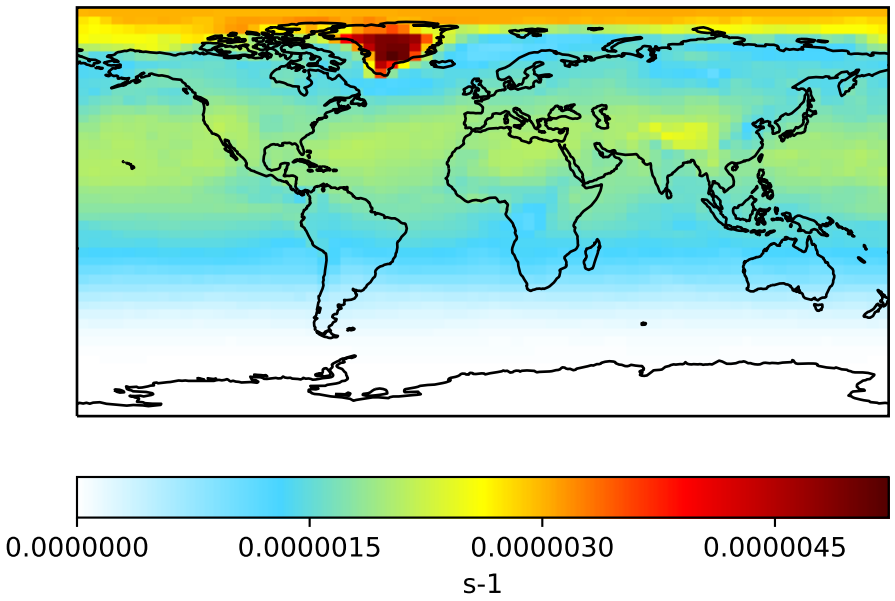
Ratio
Dev/Ref, Fixed Range



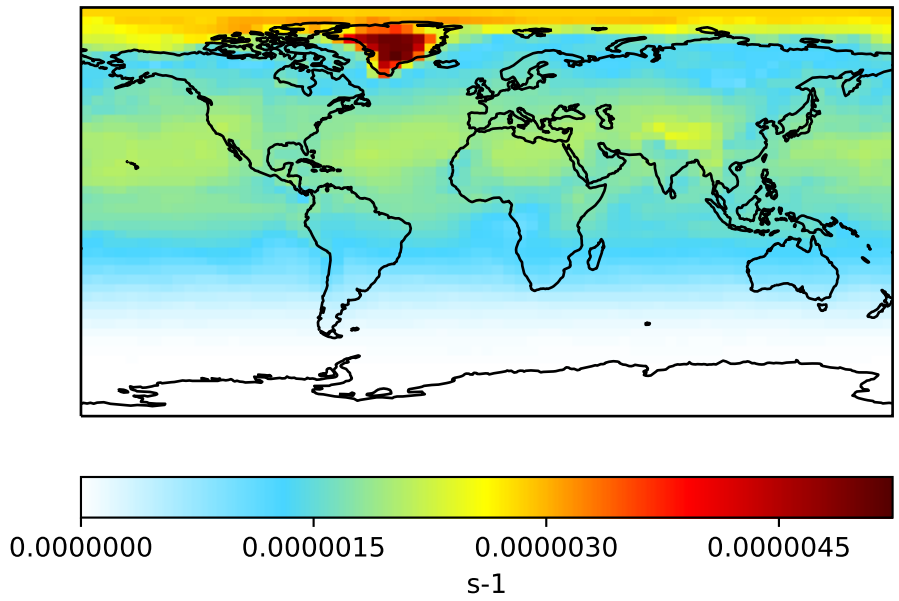


Jval_ATOOH (Jul2019)

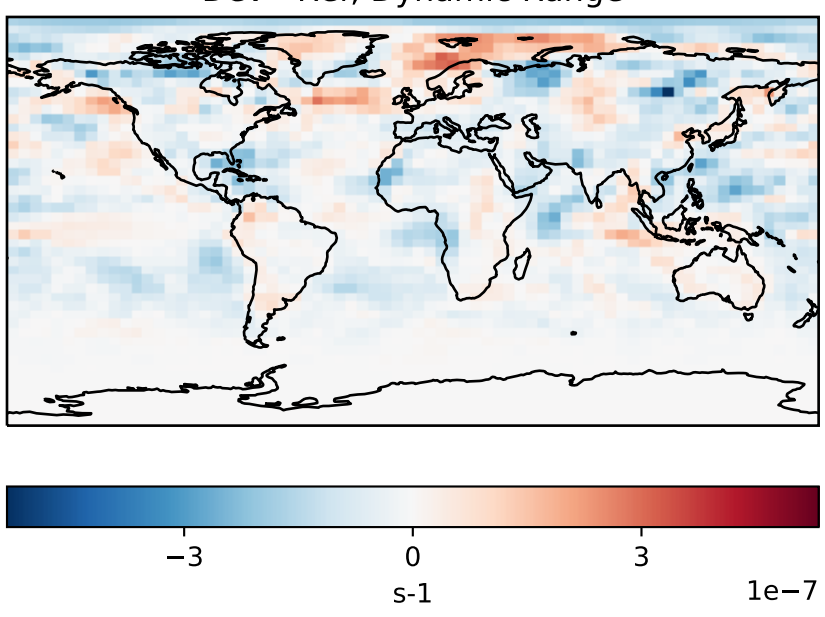
GCC_12.9.0 (Ref)
4.0x5.0



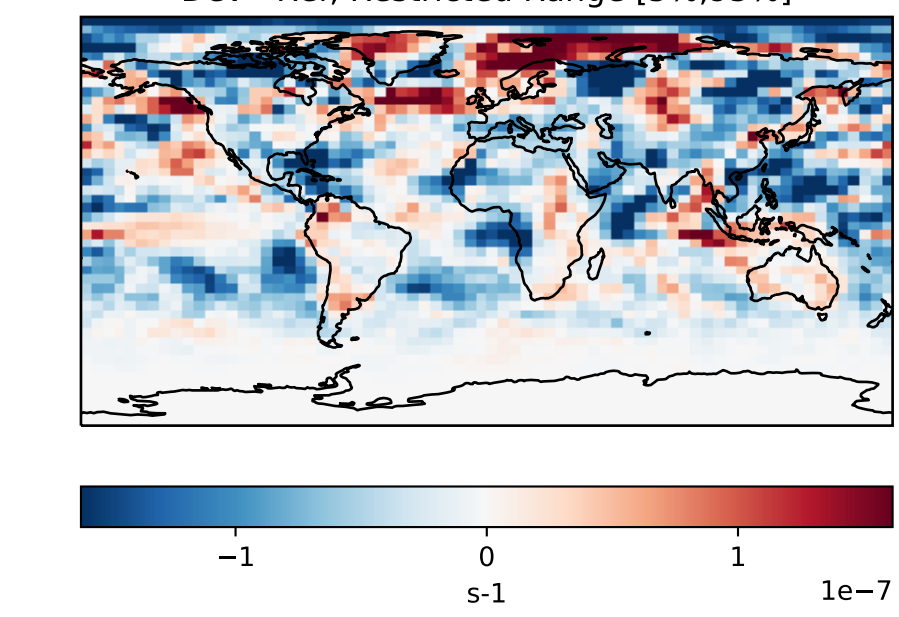
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



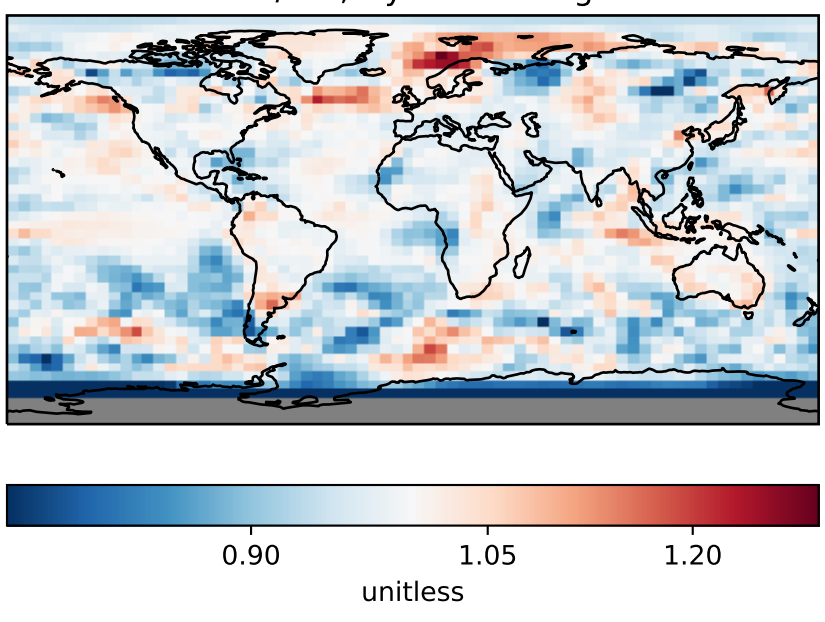
Difference
Dev - Ref, Dynamic Range



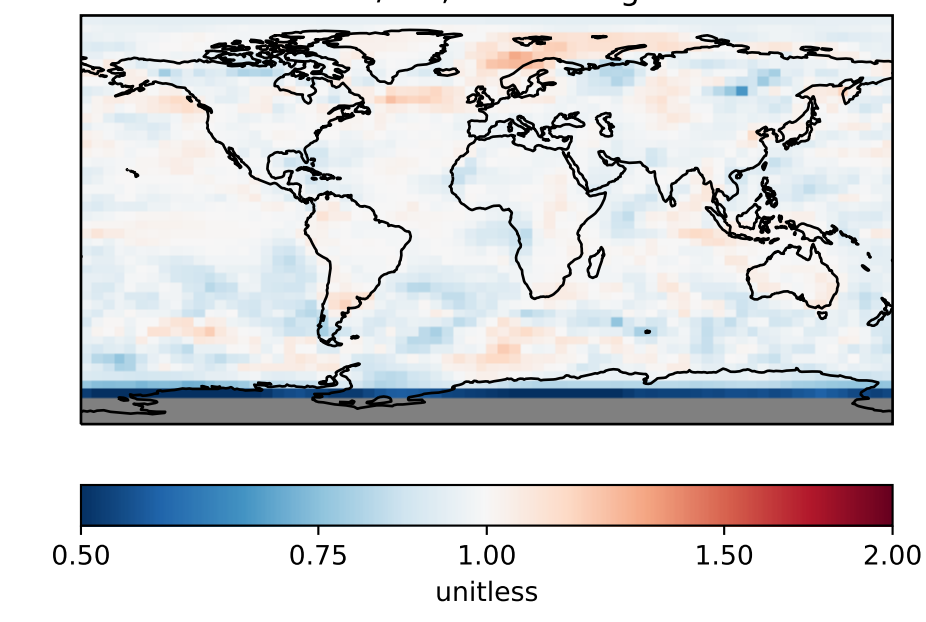
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

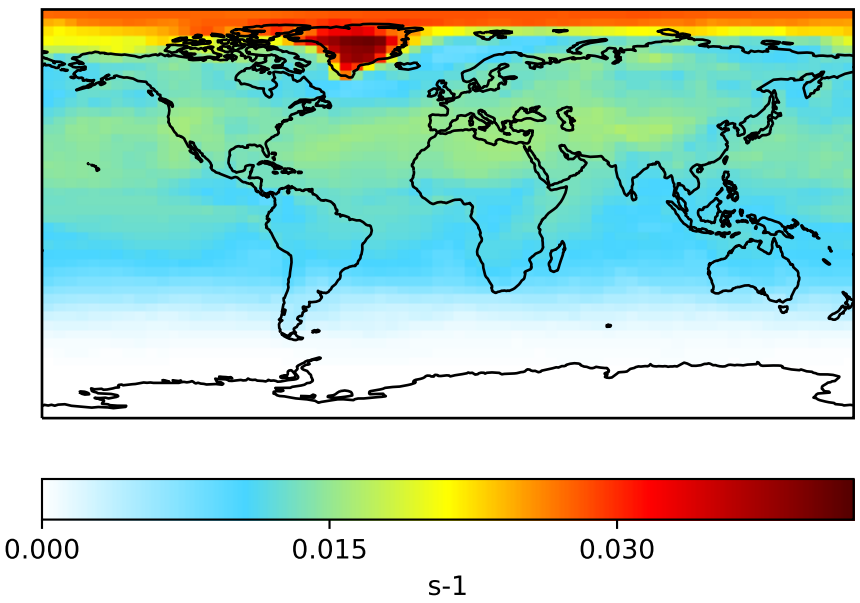


Ratio
Dev/Ref, Fixed Range

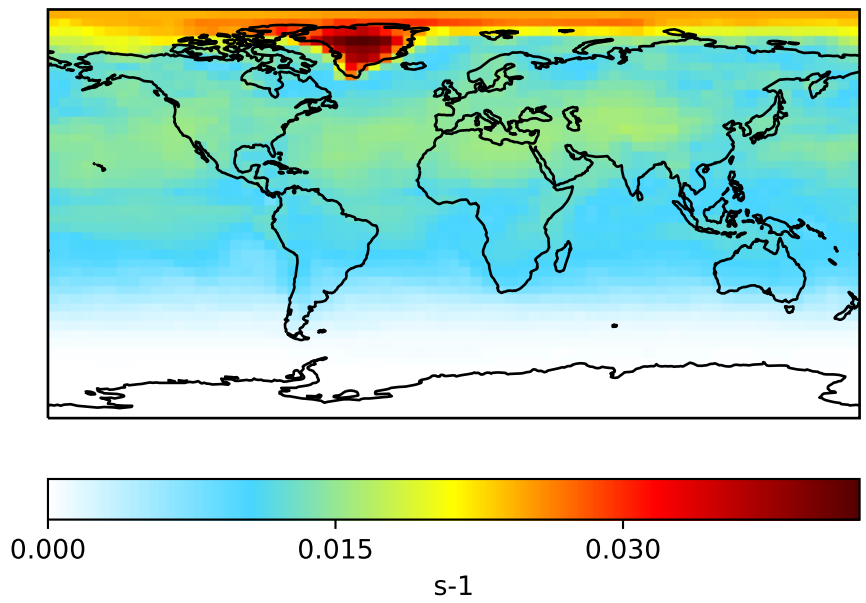


Jval_Br2 (Jul2019)

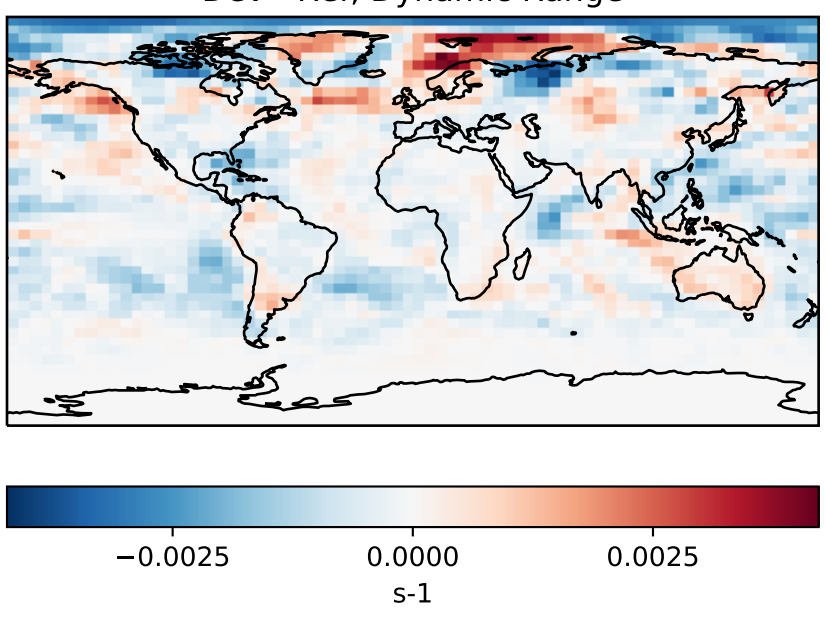
GCC_12.9.0 (Ref)
4.0x5.0



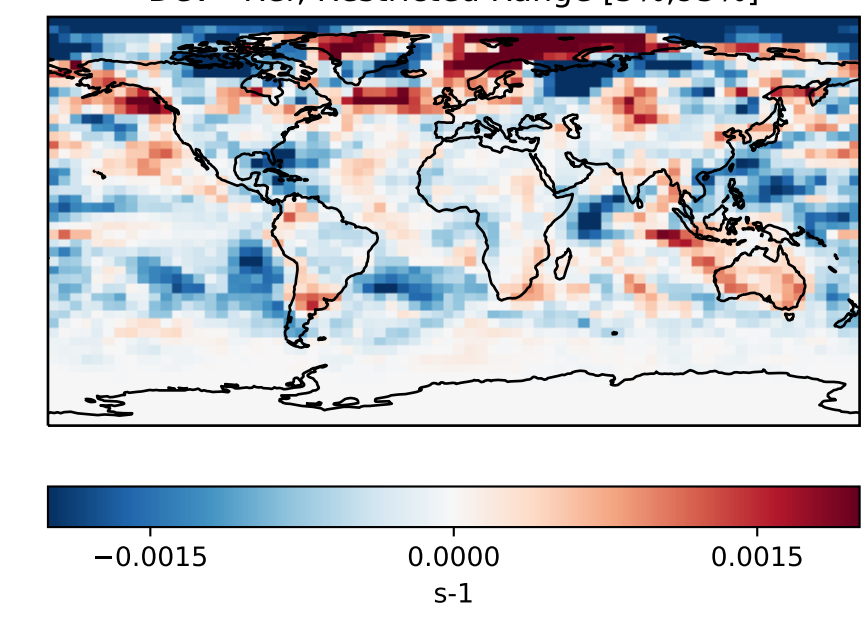
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



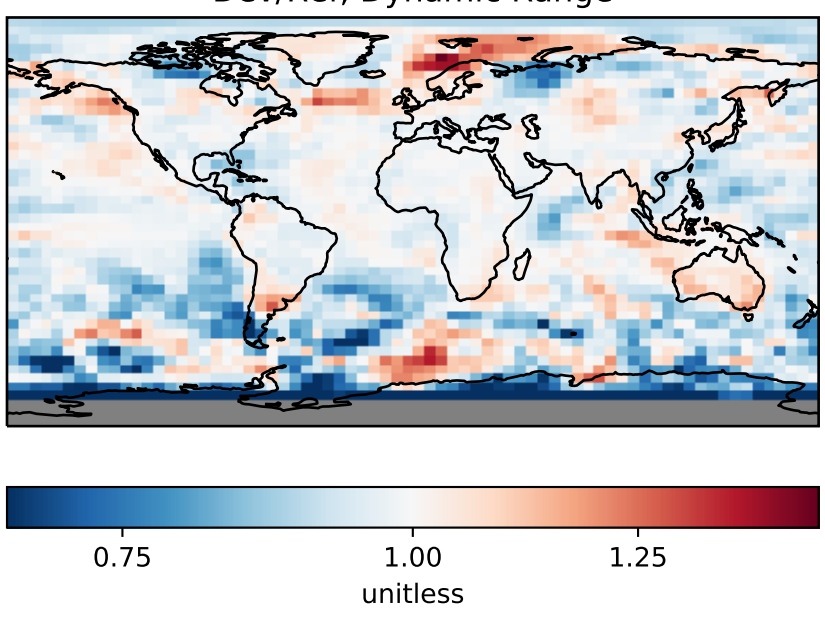
Difference
Dev - Ref, Dynamic Range



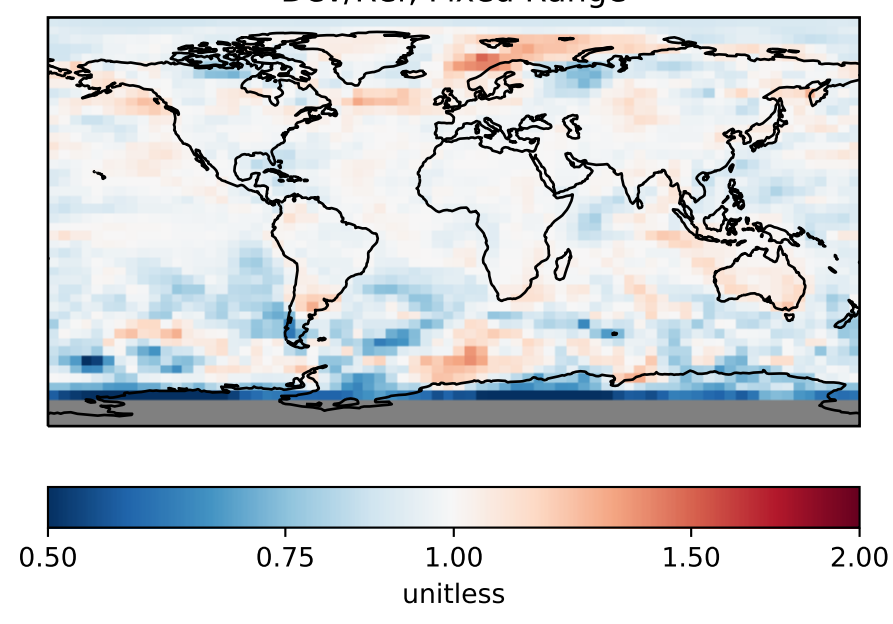
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

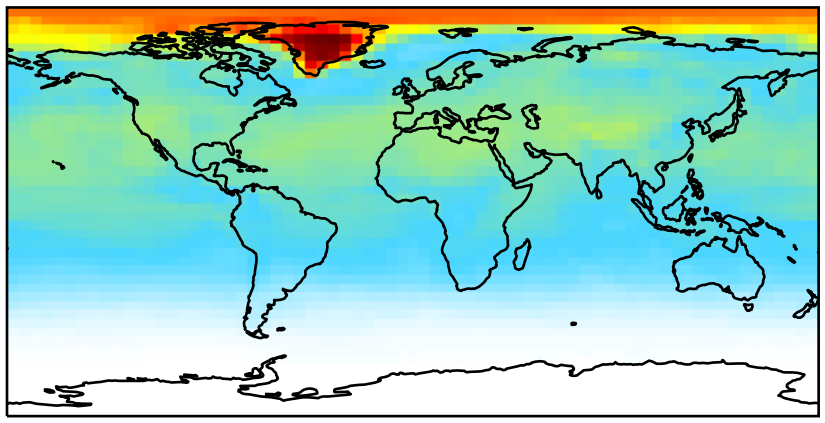


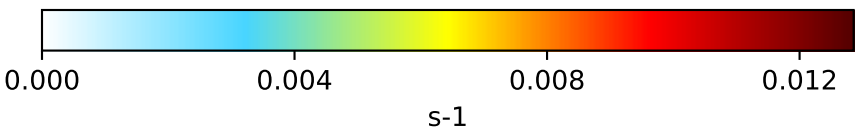
Ratio
Dev/Ref, Fixed Range



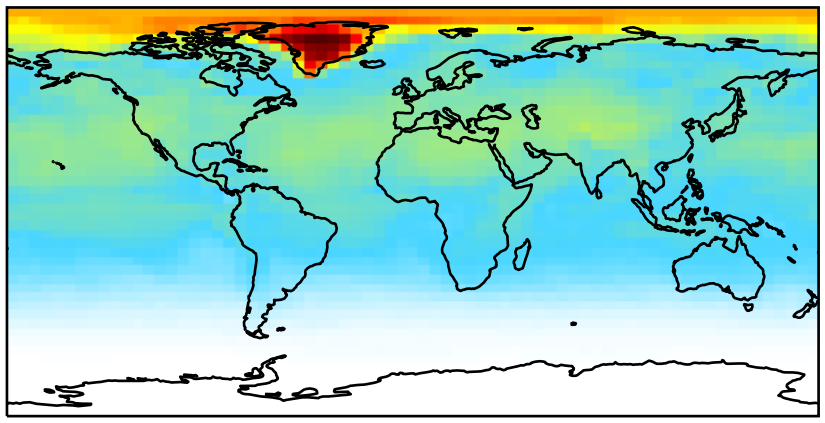
Jval_BrCl (Jul2019)

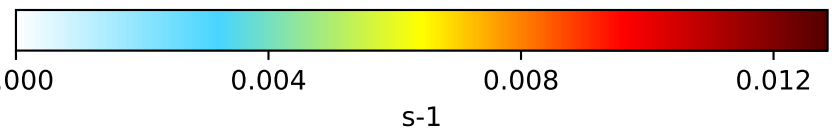
GCC_12.9.0 (Ref)
4.0x5.0



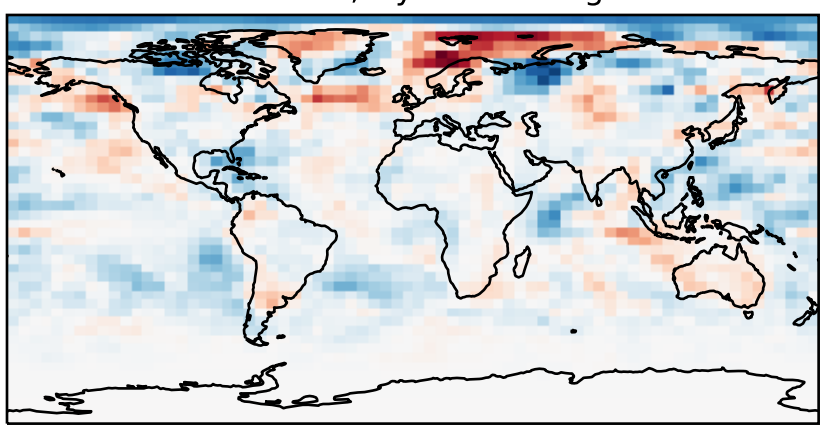


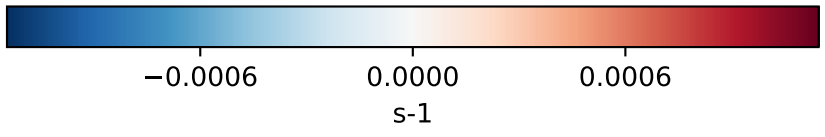
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



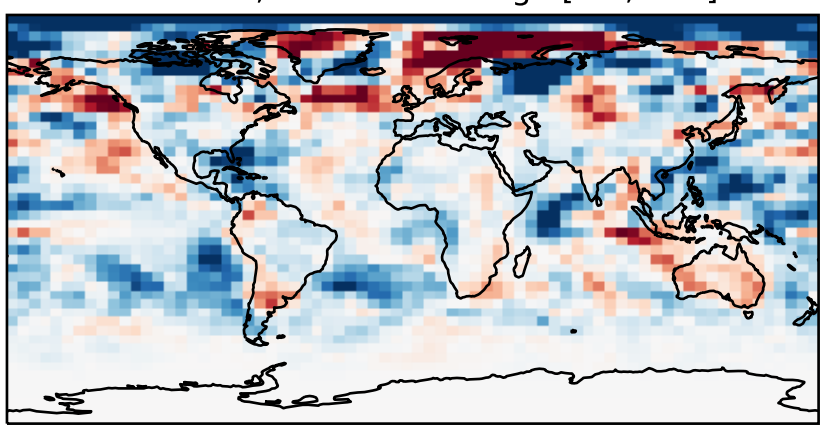


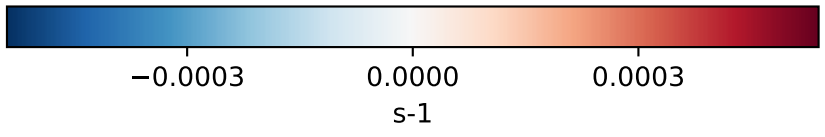
Difference
Dev - Ref, Dynamic Range



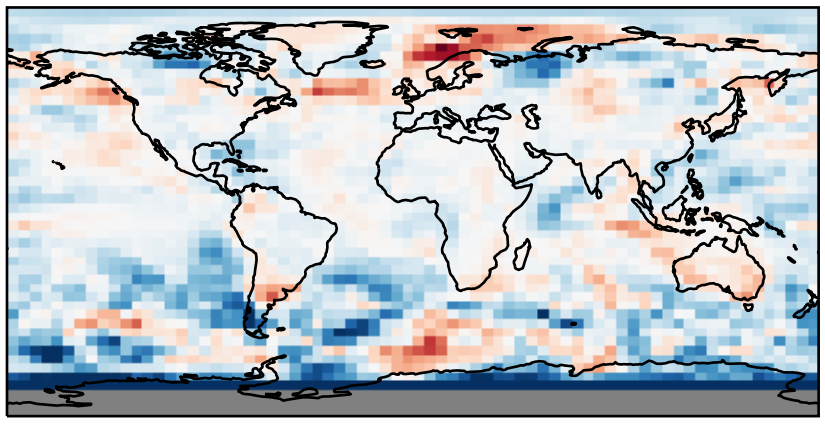


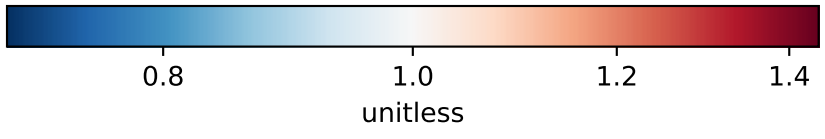
Difference
Dev - Ref, Restricted Range [5%,95%]



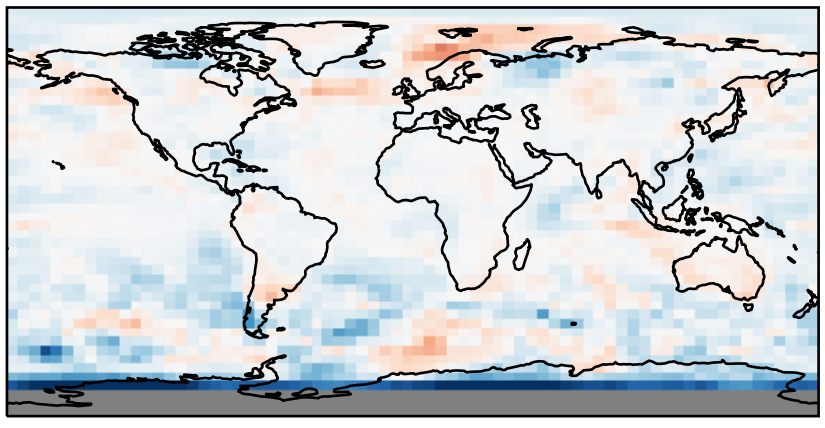


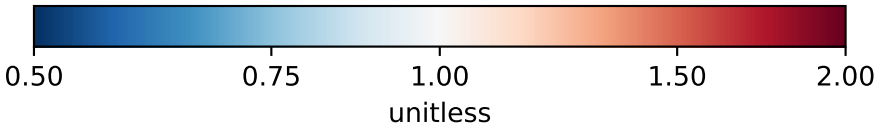
Ratio
Dev/Ref, Dynamic Range





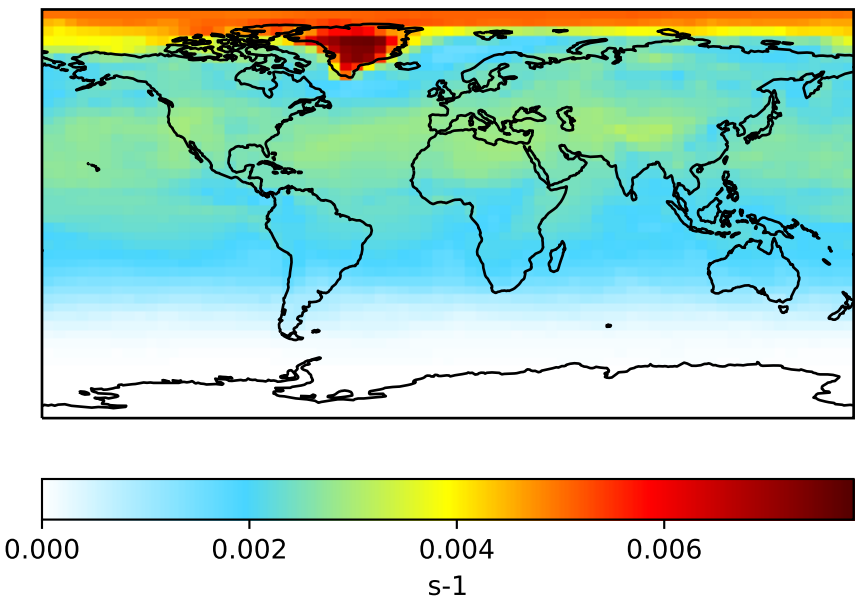
Ratio
Dev/Ref, Fixed Range



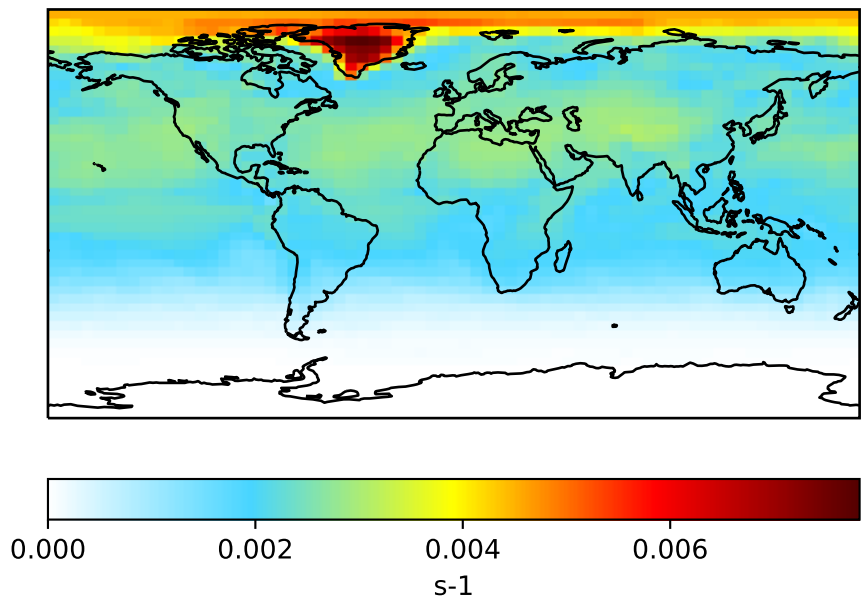


Jval_BrNO2 (Jul2019)

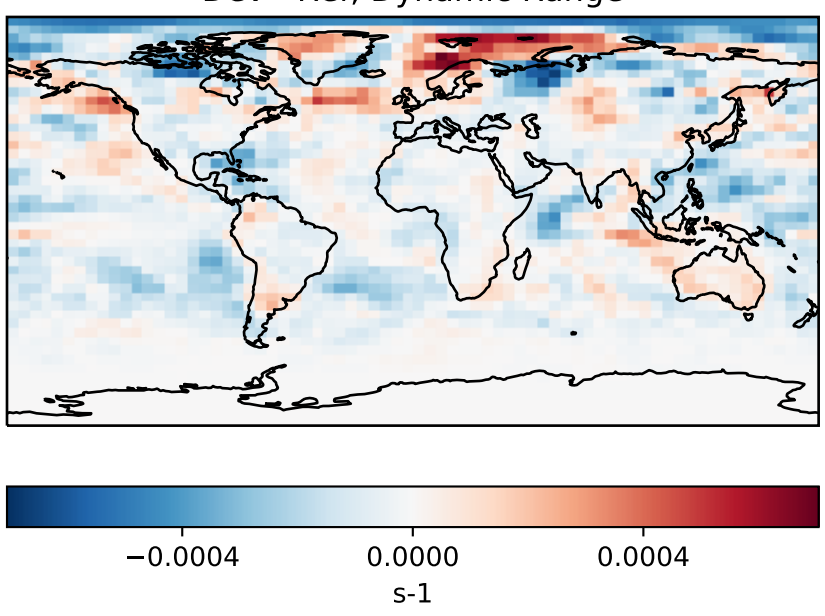
GCC_12.9.0 (Ref)
4.0x5.0



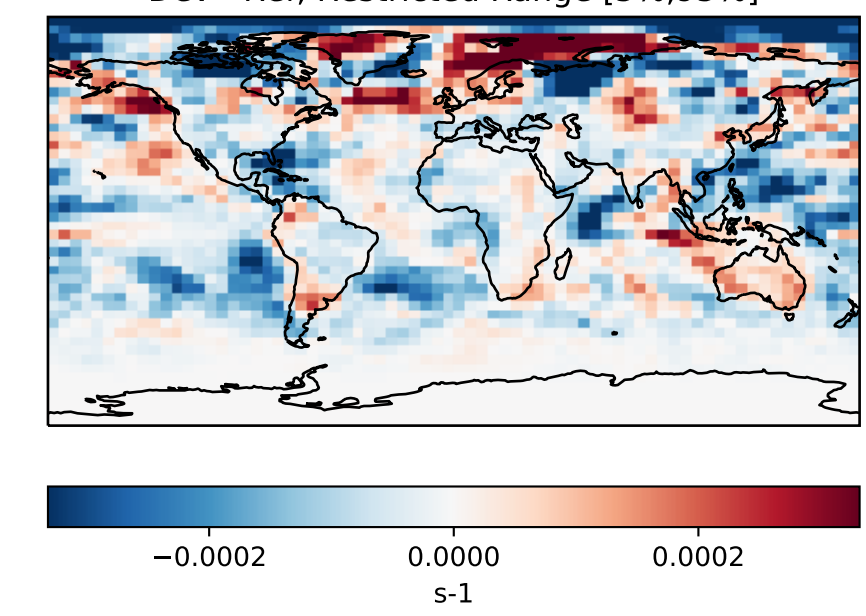
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



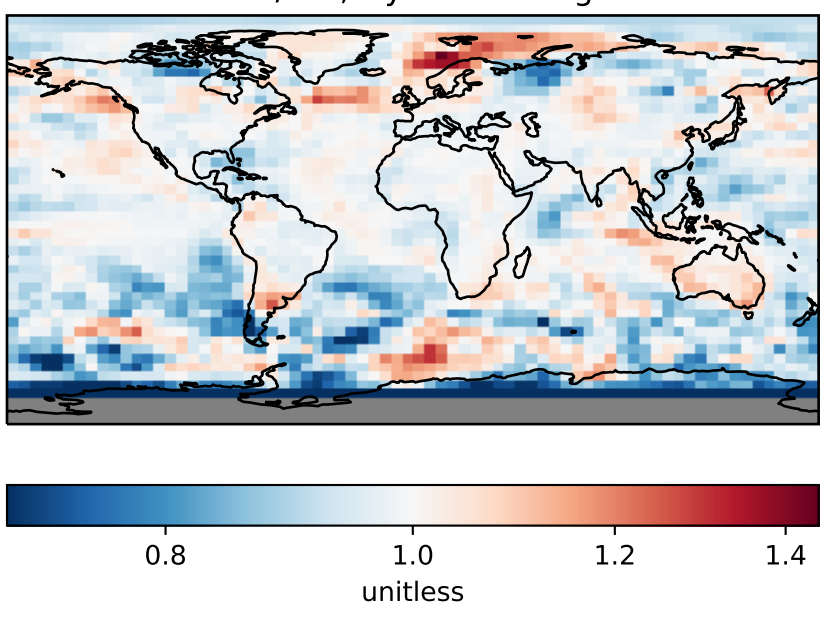
Difference
Dev - Ref, Dynamic Range



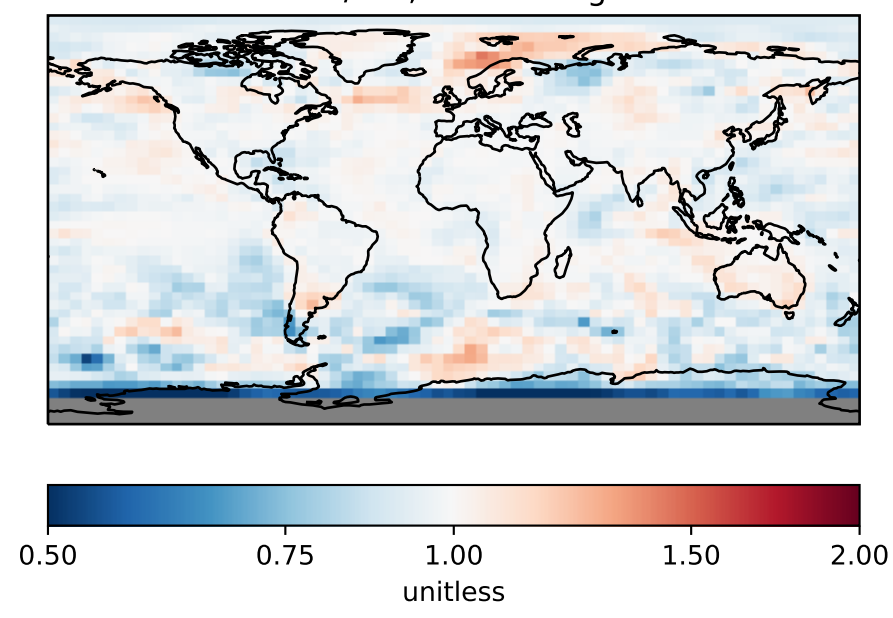
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

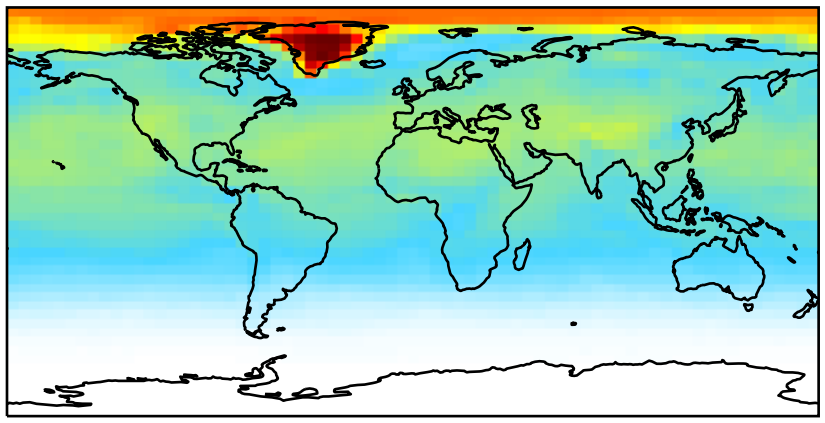


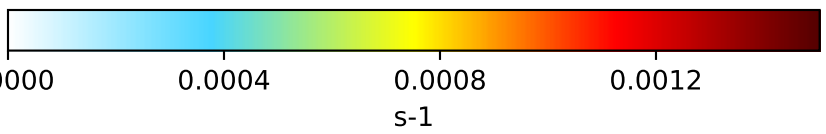
Ratio
Dev/Ref, Fixed Range



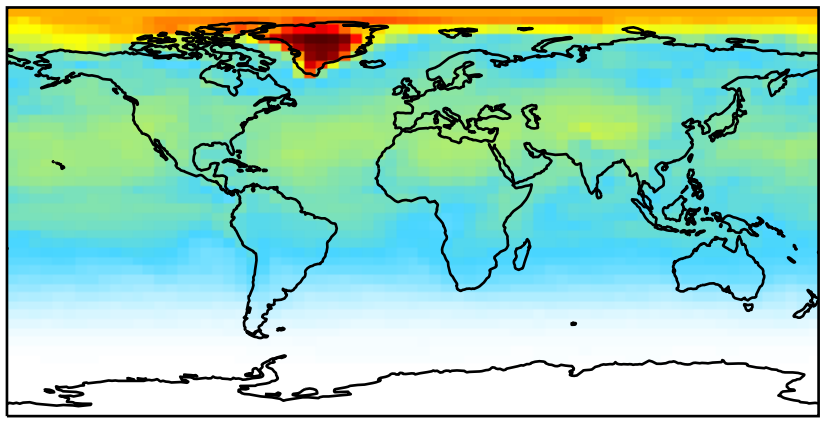
Jval_BrNO3 (Jul2019)

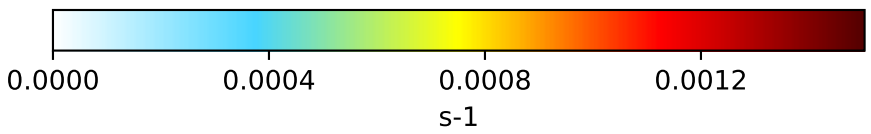
GCC_12.9.0 (Ref)
4.0x5.0



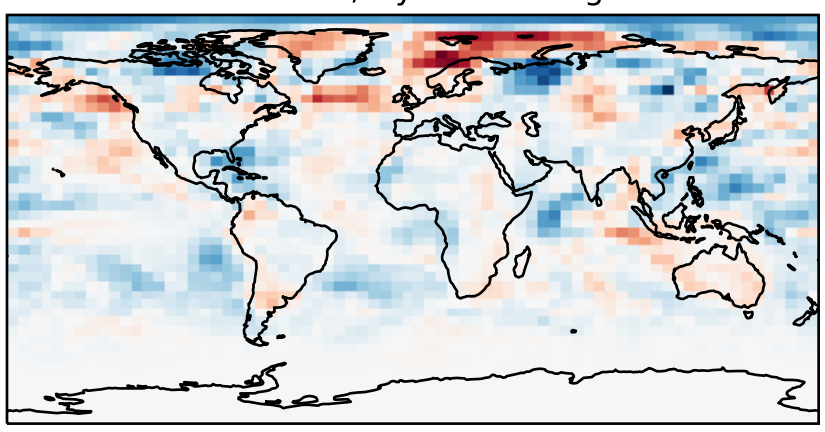


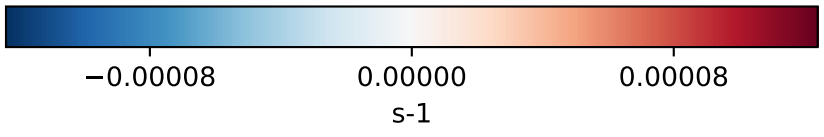
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



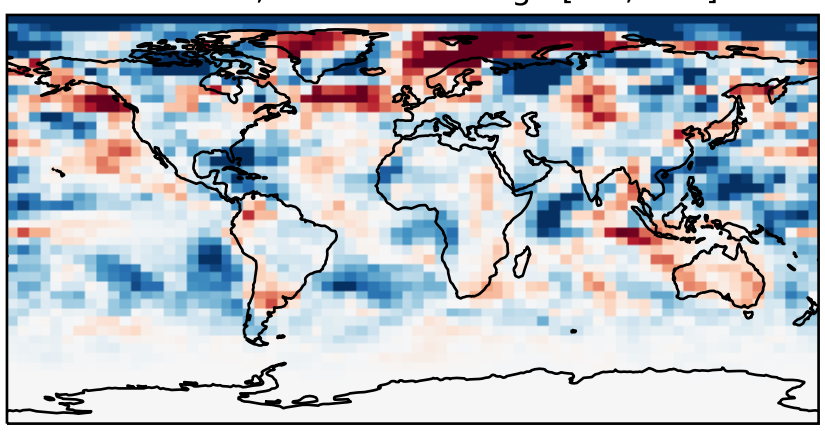


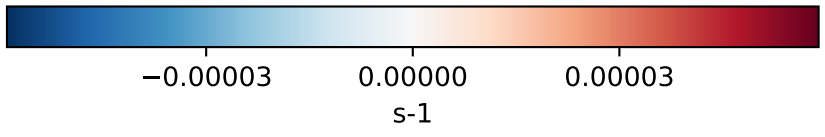
Difference
Dev - Ref, Dynamic Range



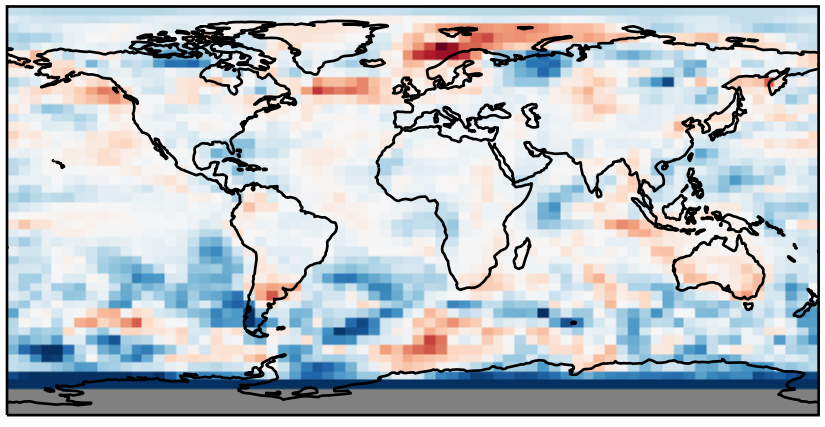


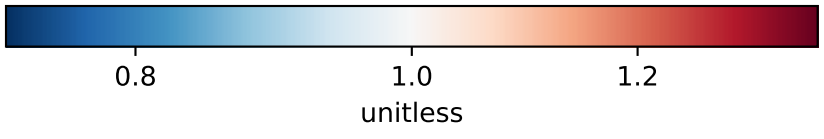
Difference
Dev - Ref, Restricted Range [5%,95%]



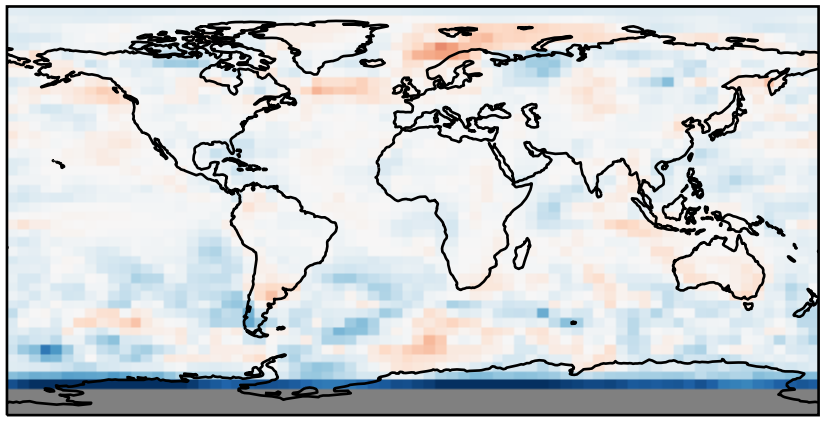


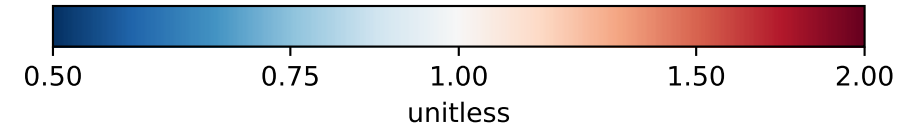
Ratio
Dev/Ref, Dynamic Range





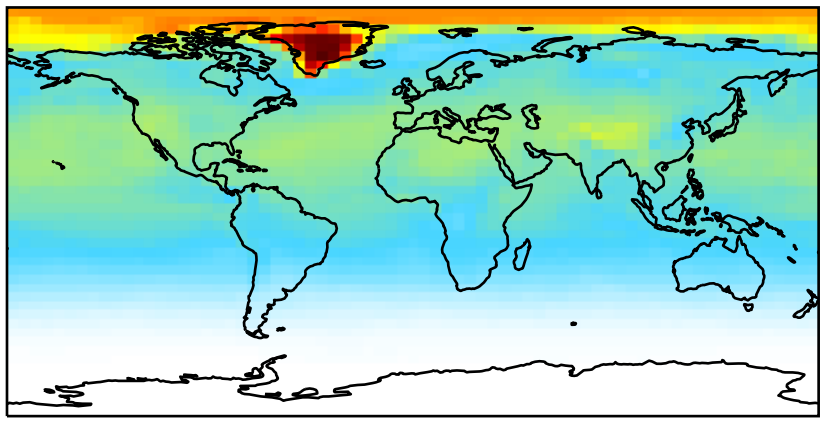
Ratio
Dev/Ref, Fixed Range

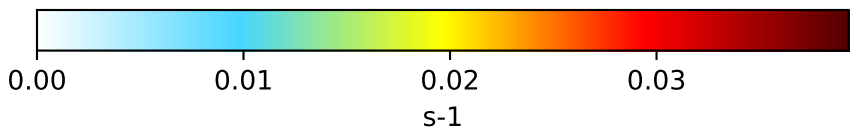




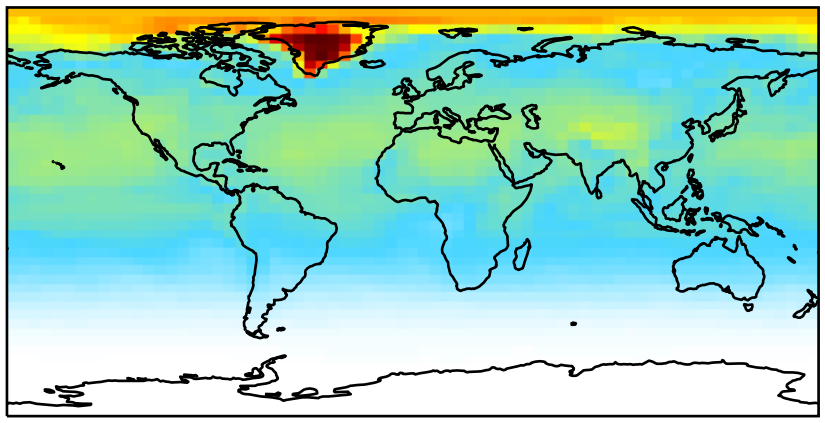
Jval_BrO (Jul2019)

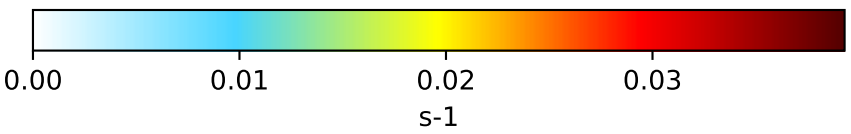
GCC_12.9.0 (Ref)
4.0x5.0



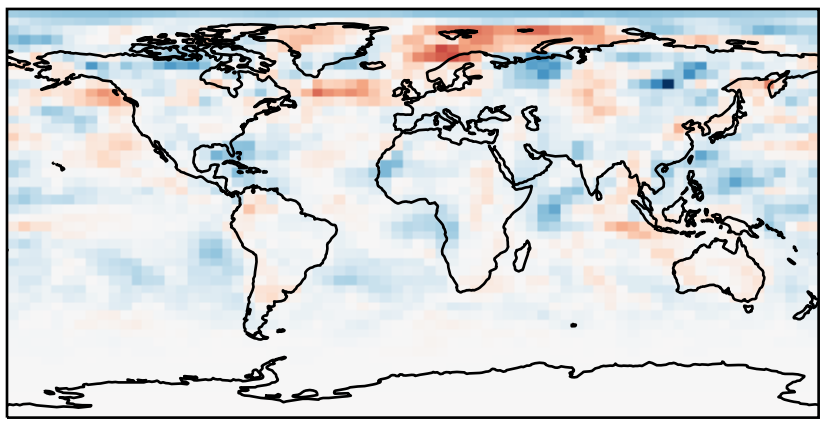


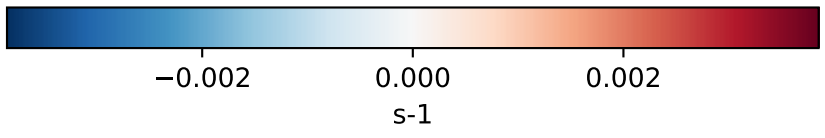
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



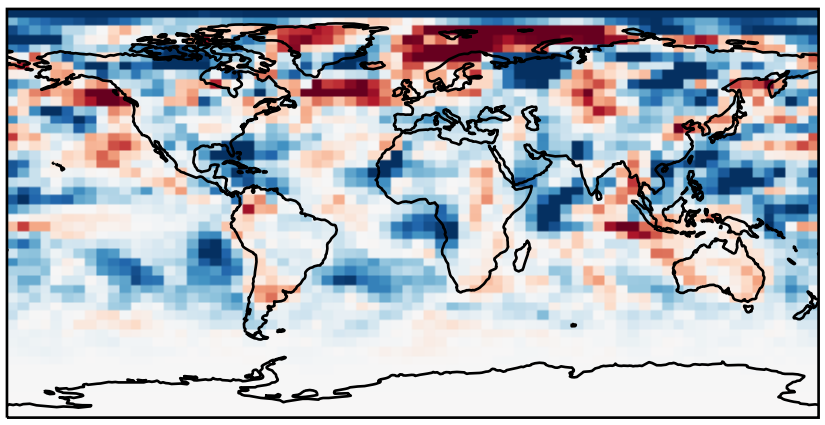


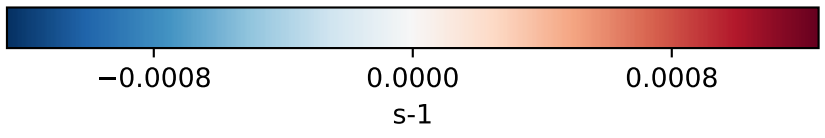
Difference
Dev - Ref, Dynamic Range



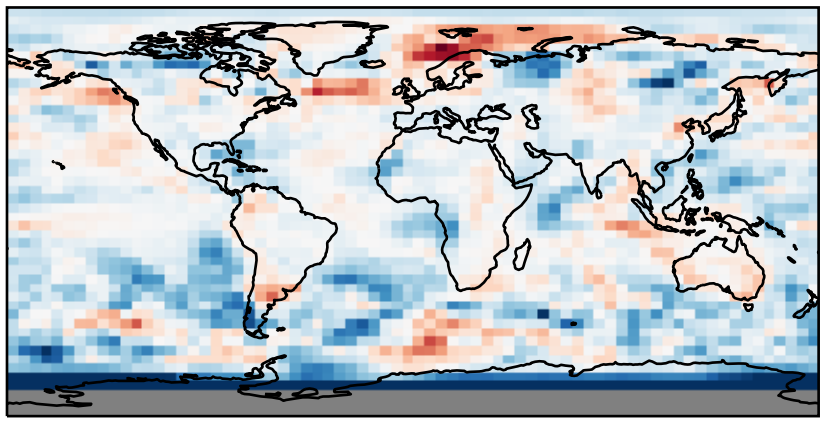


Difference
Dev - Ref, Restricted Range [5%,95%]



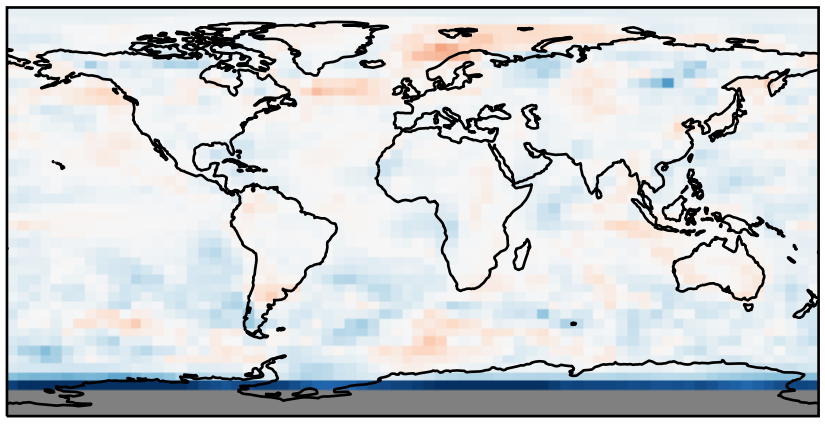


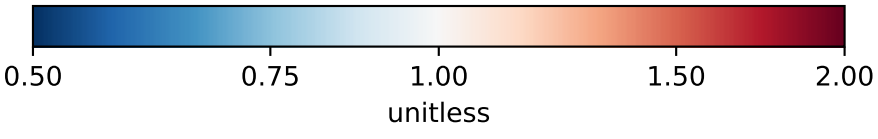
Ratio
Dev/Ref, Dynamic Range





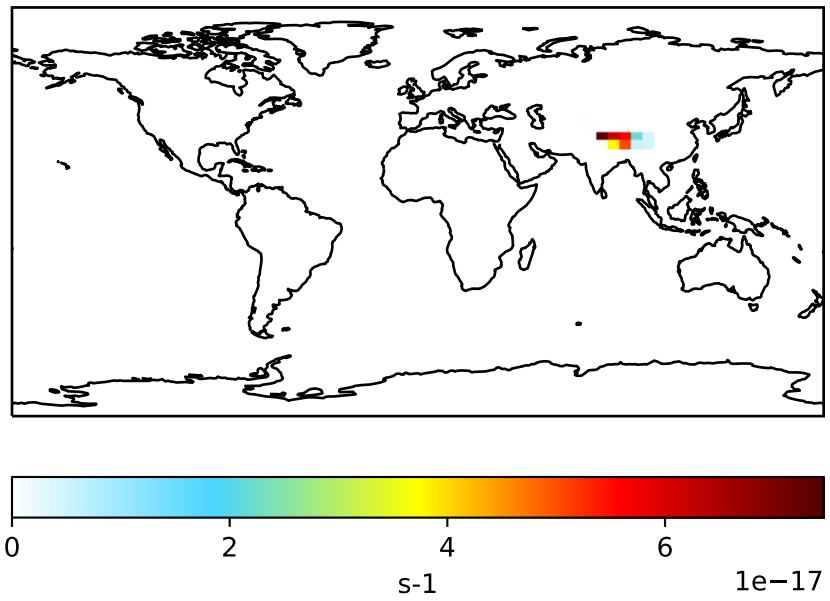
Ratio
Dev/Ref, Fixed Range



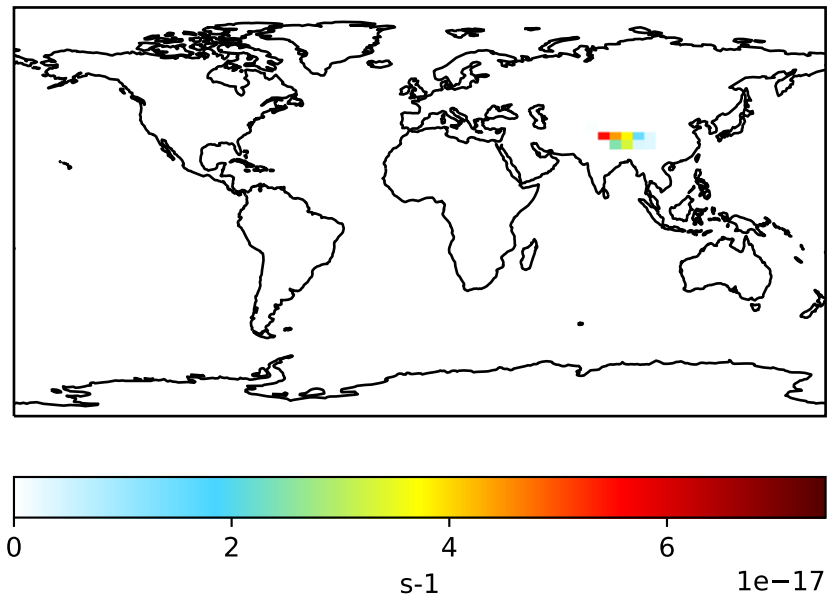


Jval_CCl4 (Jul2019)

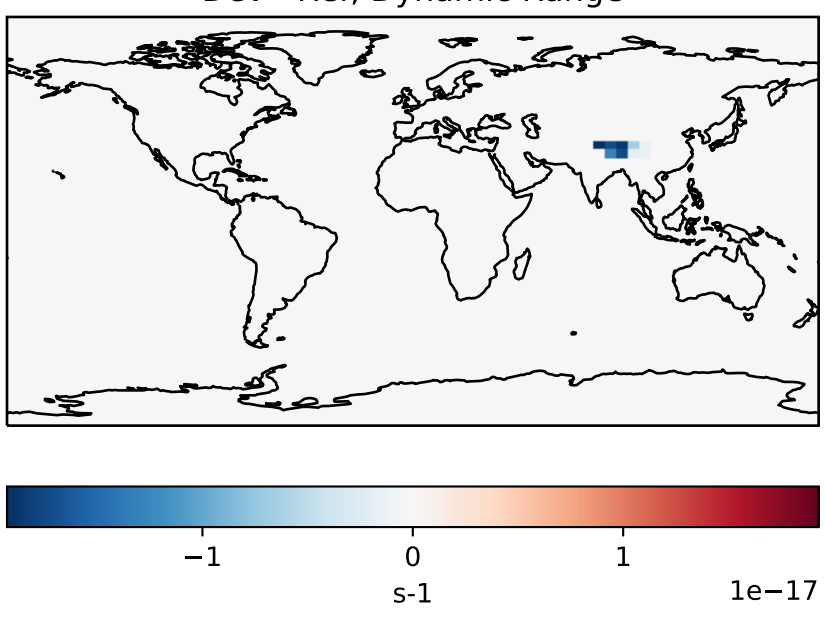
GCC_12.9.0 (Ref)
4.0x5.0



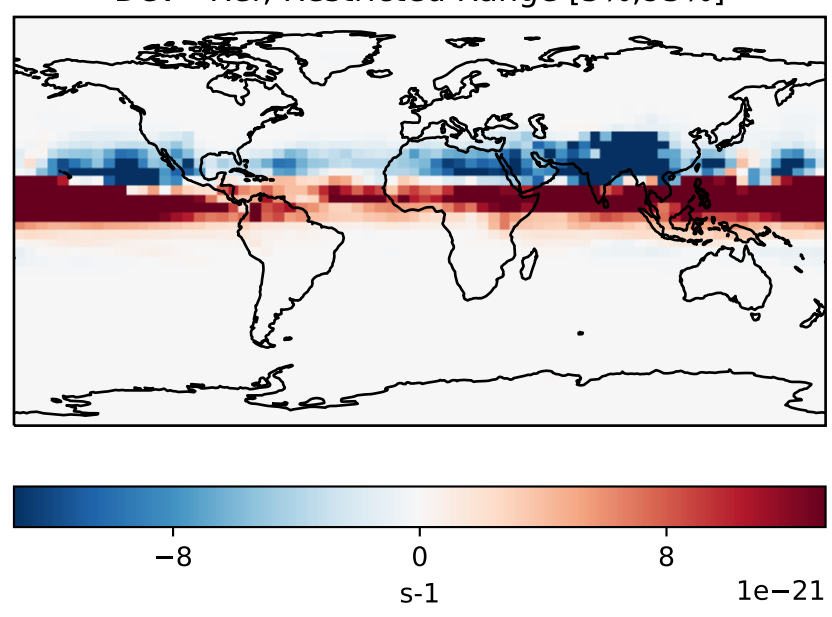
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



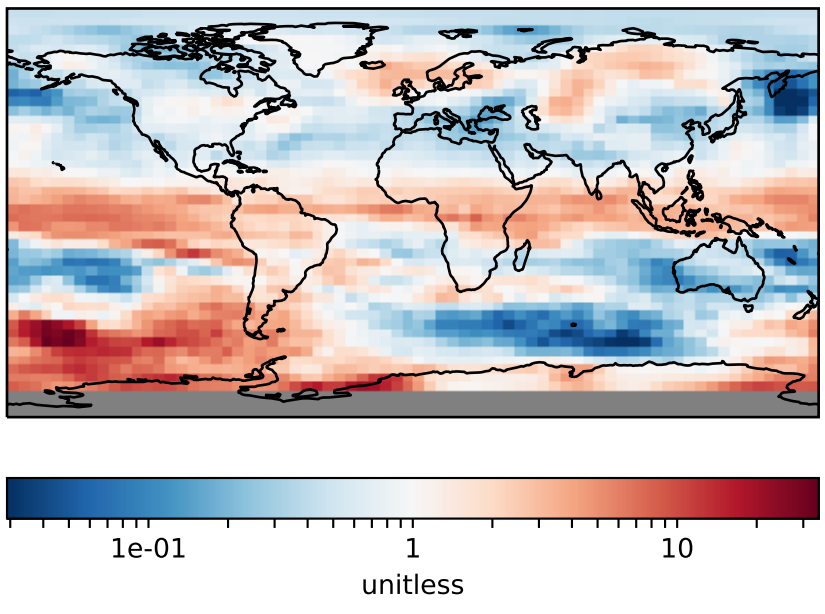
Difference
Dev - Ref, Dynamic Range



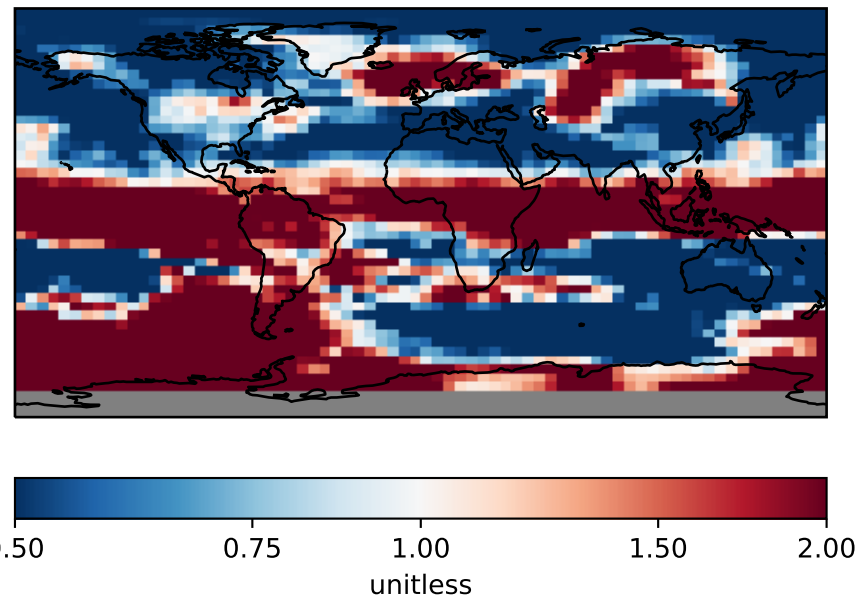
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

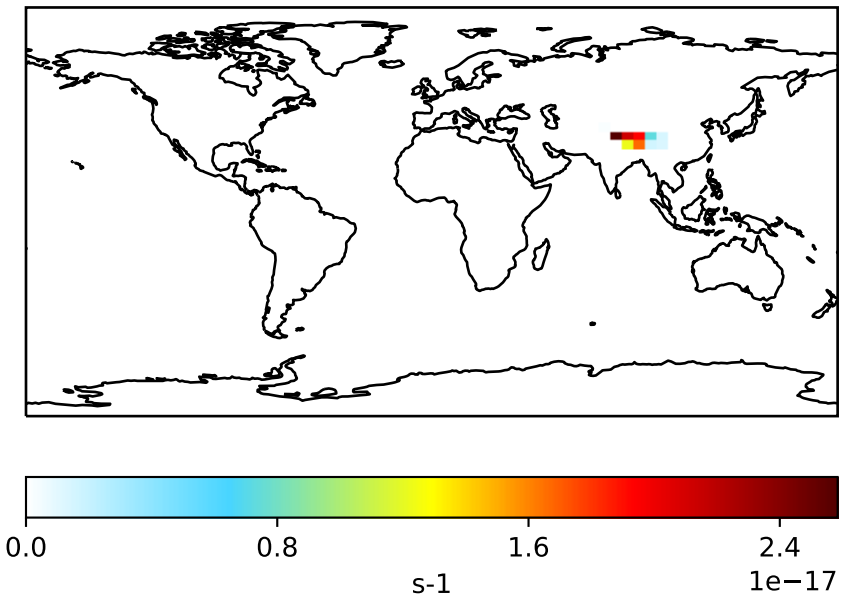


Ratio
Dev/Ref, Fixed Range

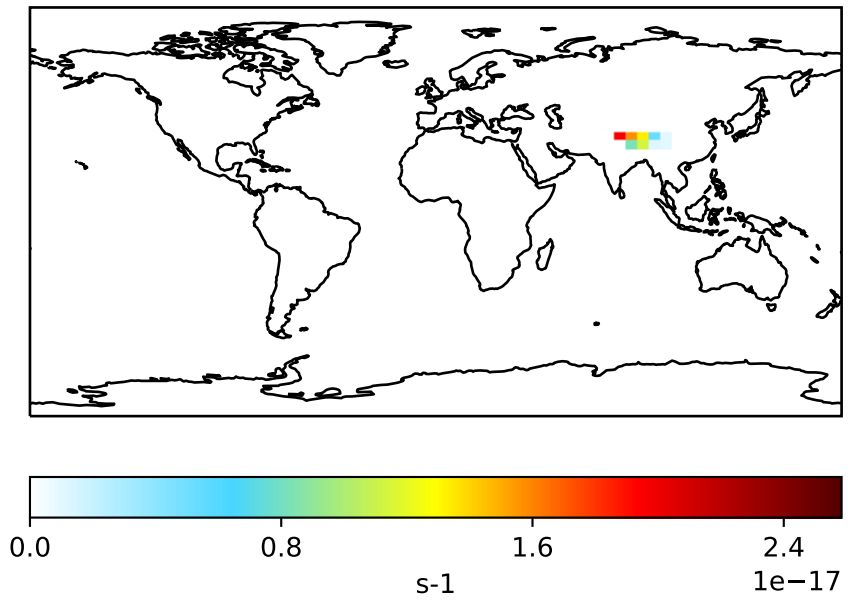


Jval_CFC11 (Jul2019)

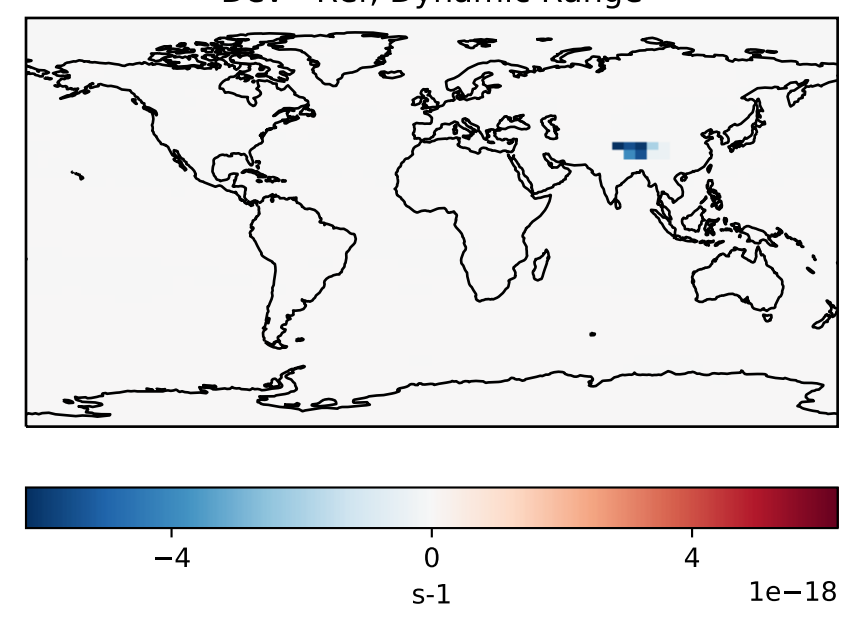
GCC_12.9.0 (Ref)
4.0x5.0



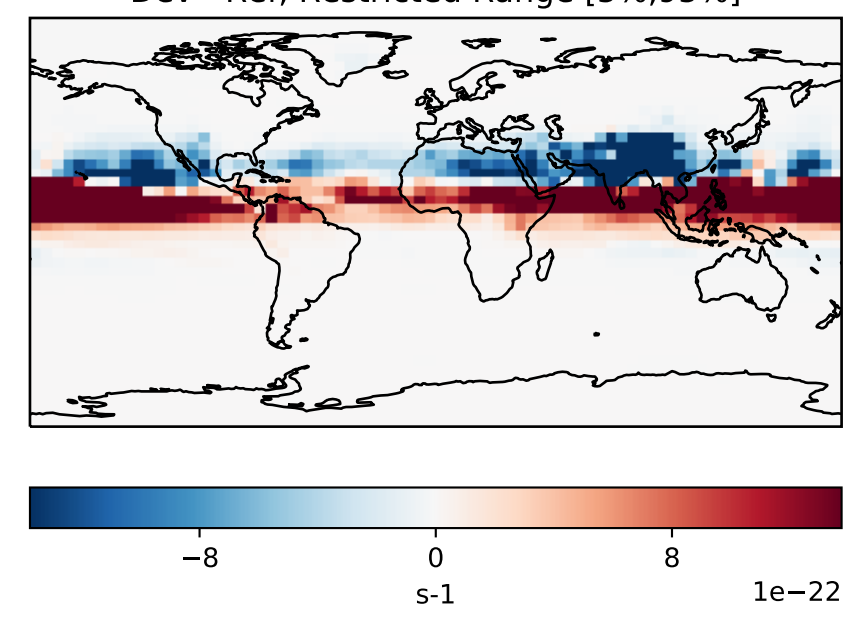
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



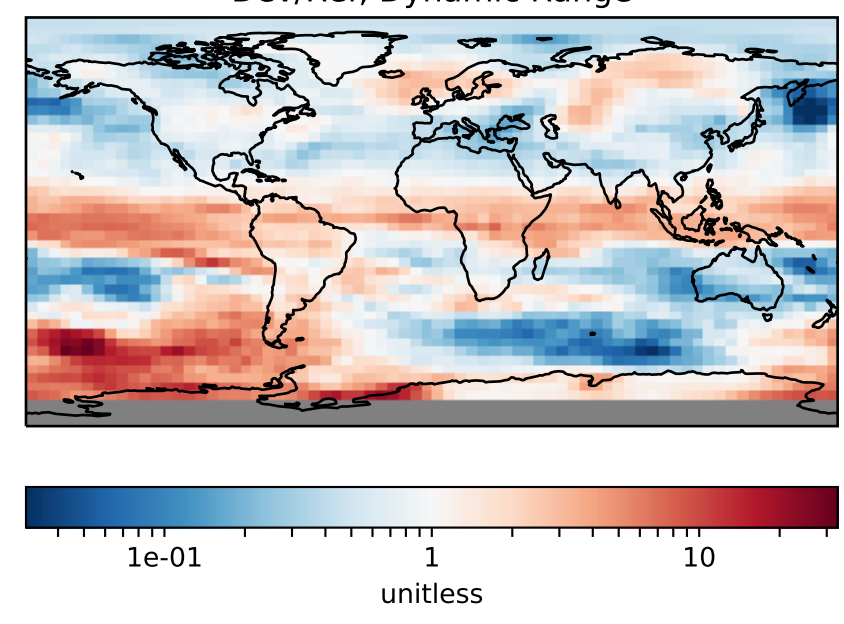
Difference
Dev - Ref, Dynamic Range



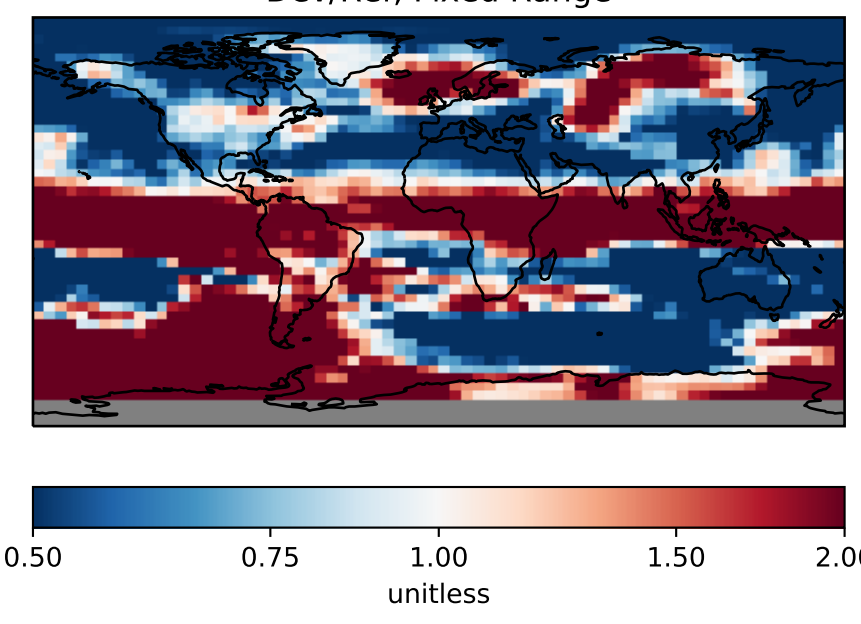
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

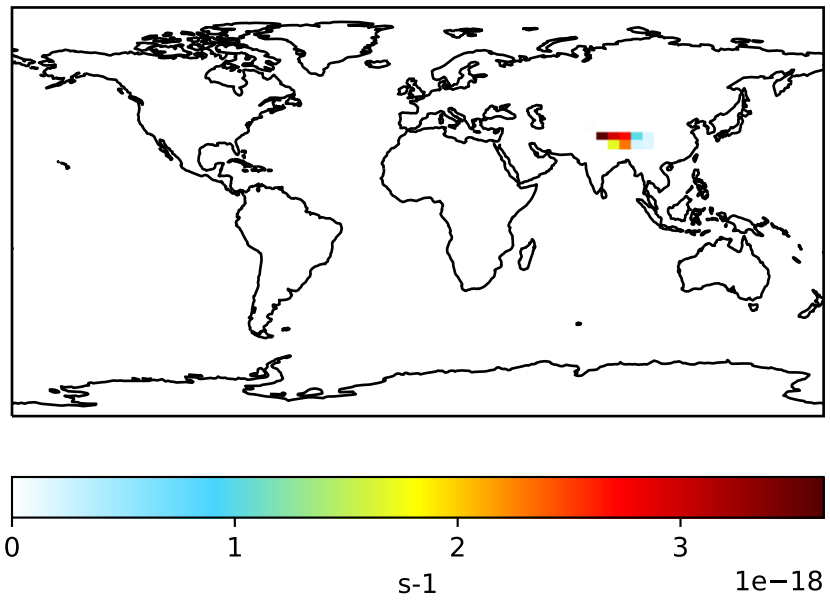


Ratio
Dev/Ref, Fixed Range

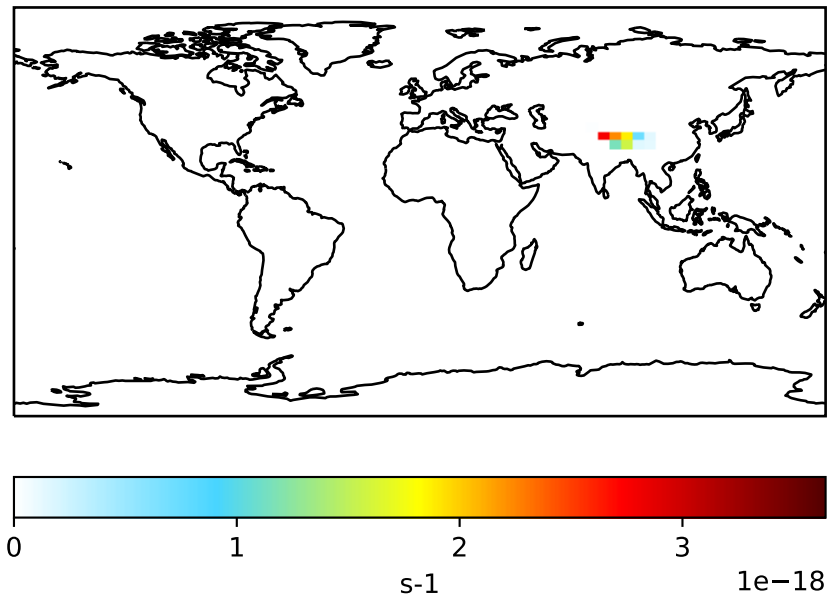


Jval_CFC113 (Jul2019)

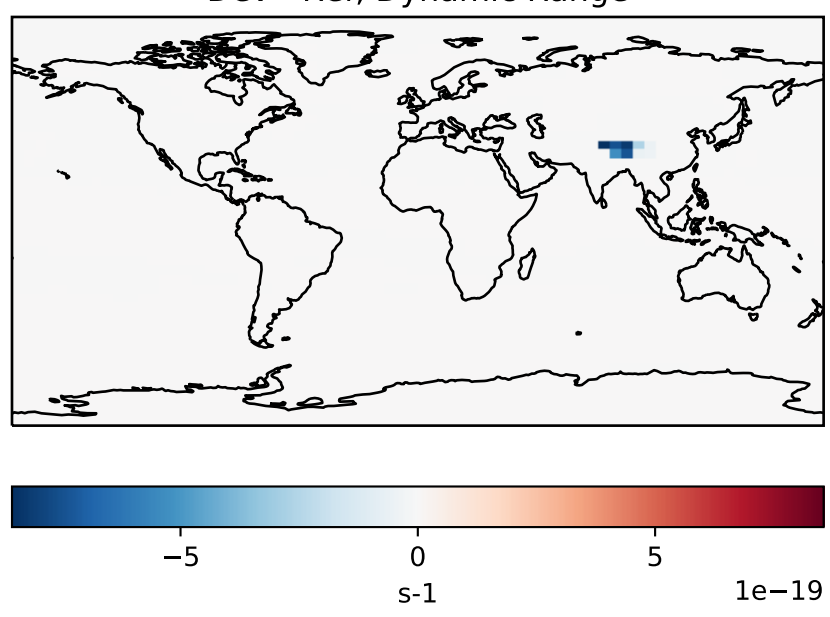
GCC_12.9.0 (Ref)
4.0x5.0



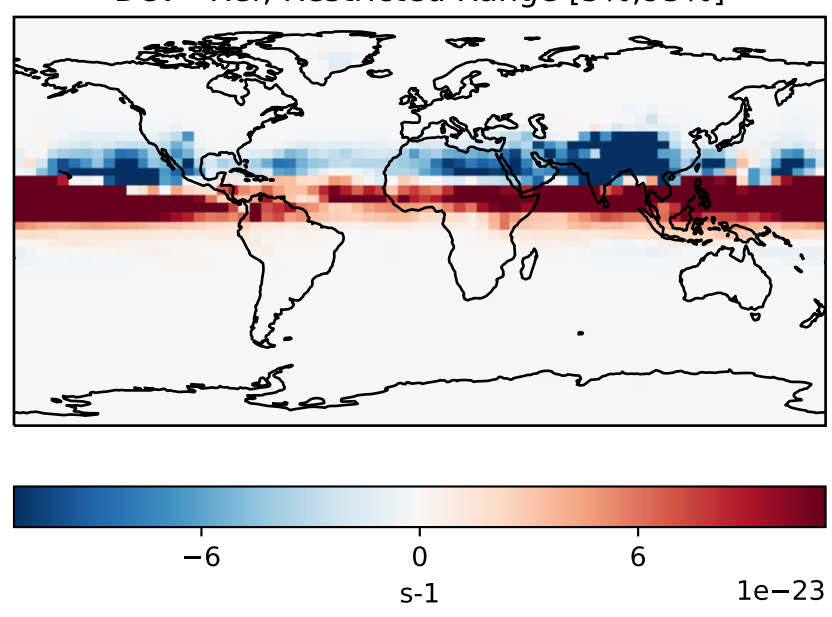
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



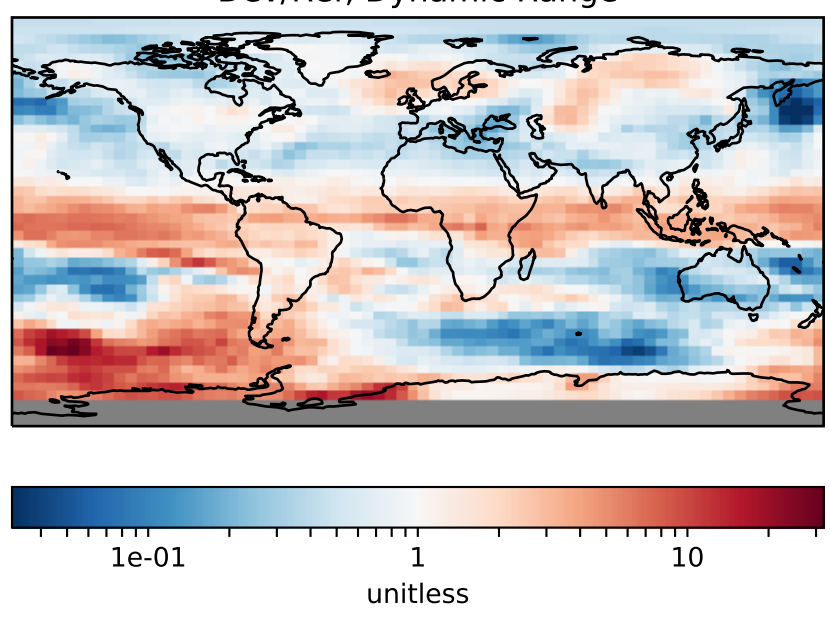
Difference
Dev - Ref, Dynamic Range



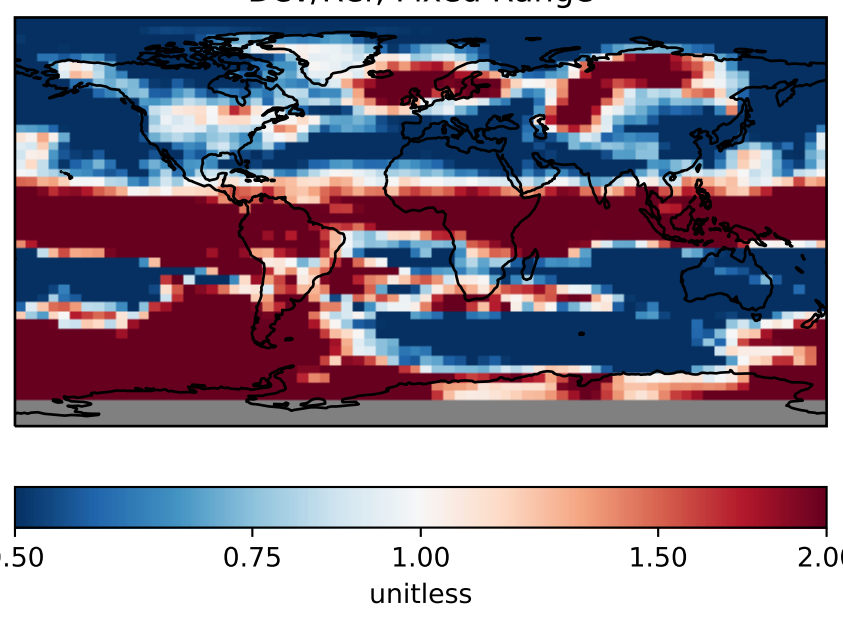
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

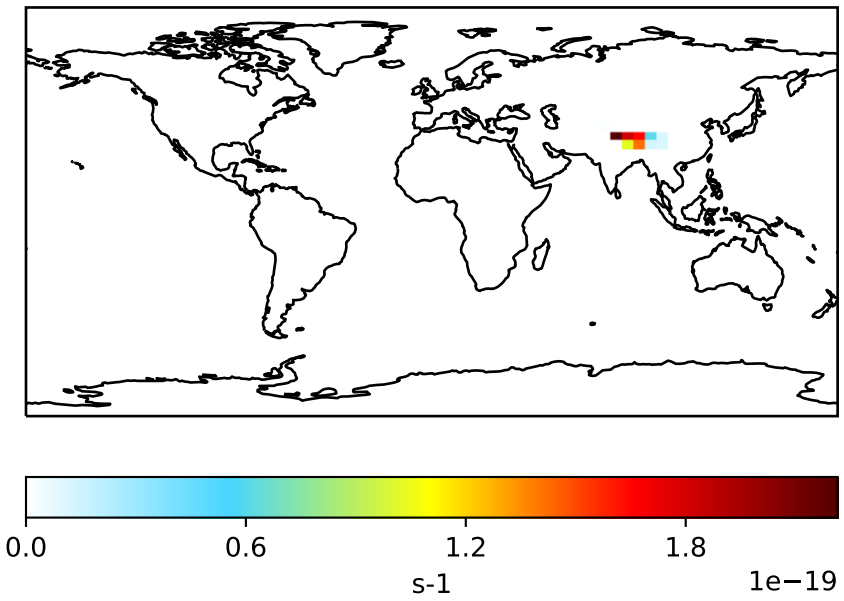


Ratio
Dev/Ref, Fixed Range

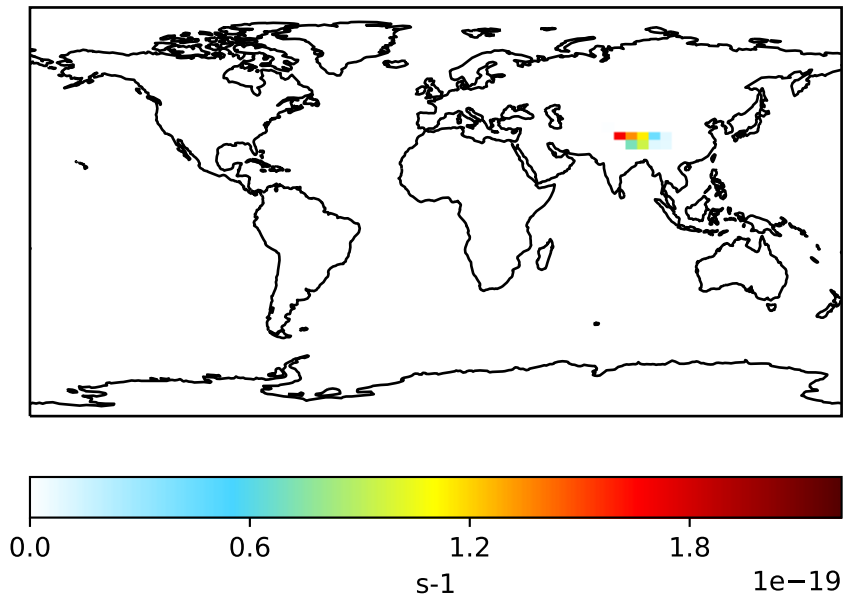


Jval_CFC114 (Jul2019)

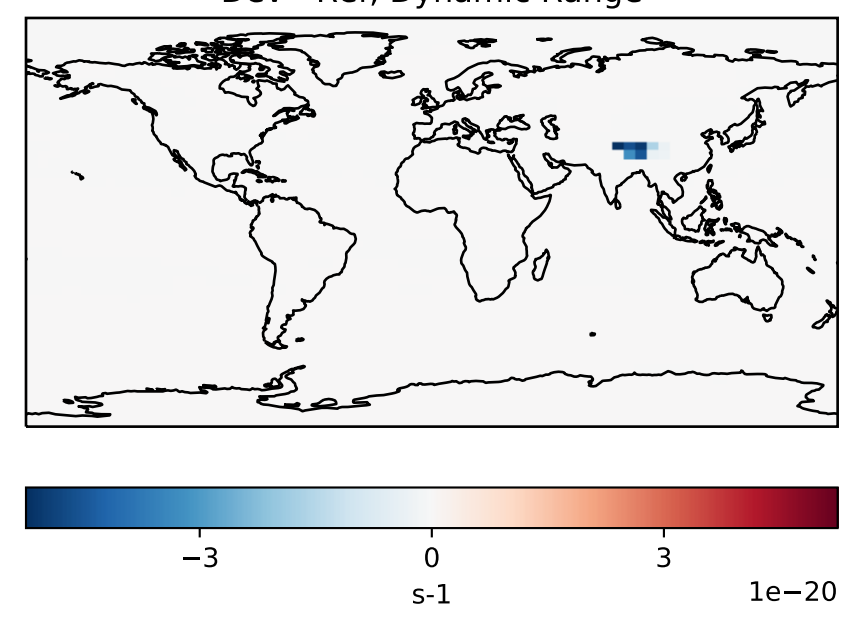
GCC_12.9.0 (Ref)
4.0x5.0



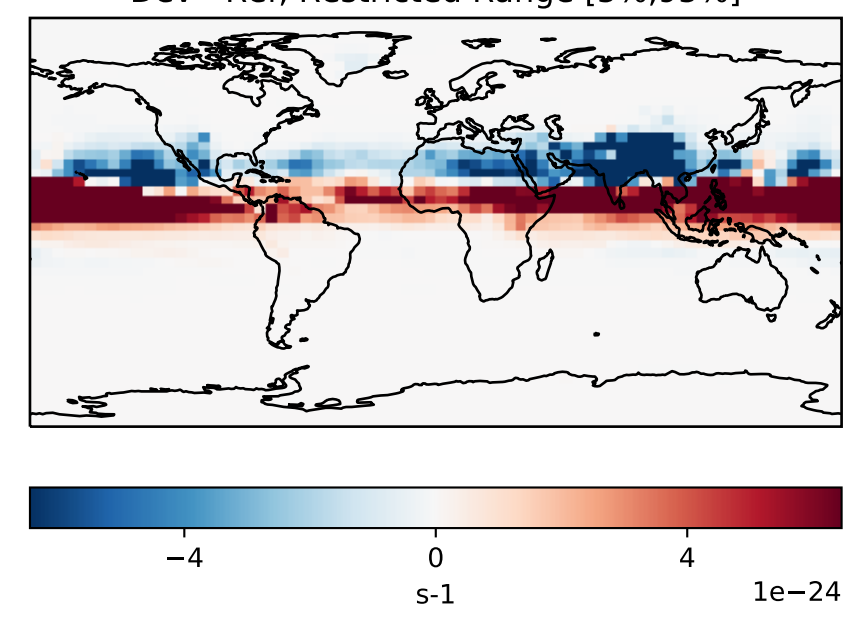
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



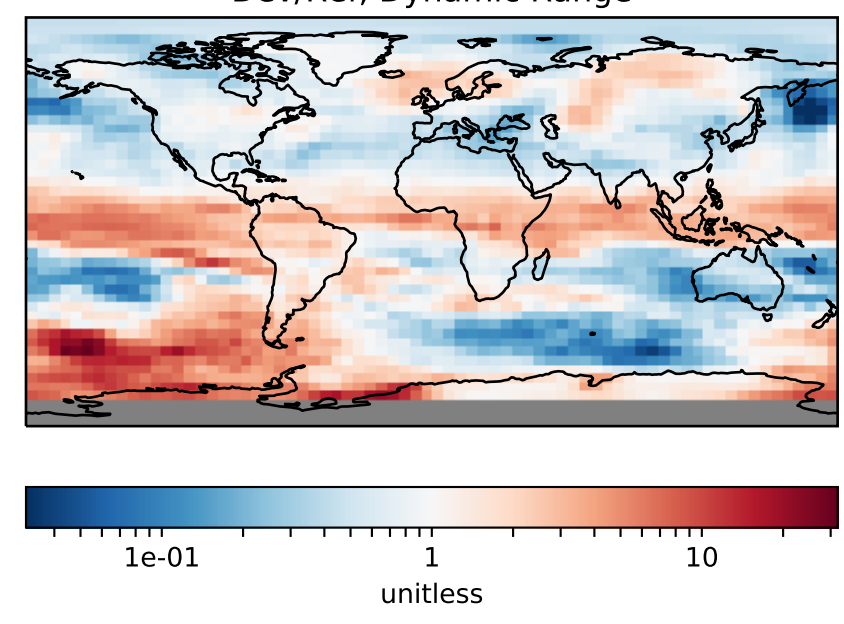
Difference
Dev - Ref, Dynamic Range



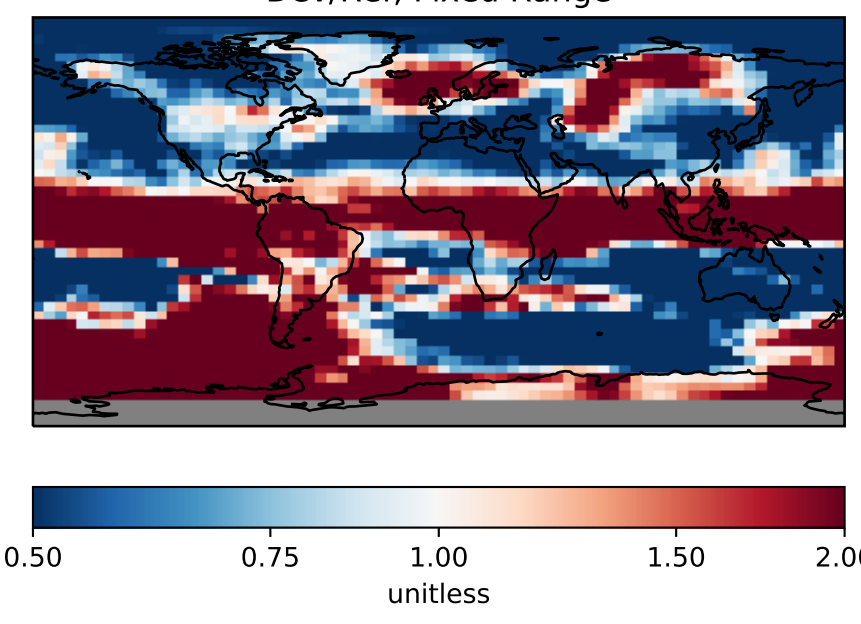
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

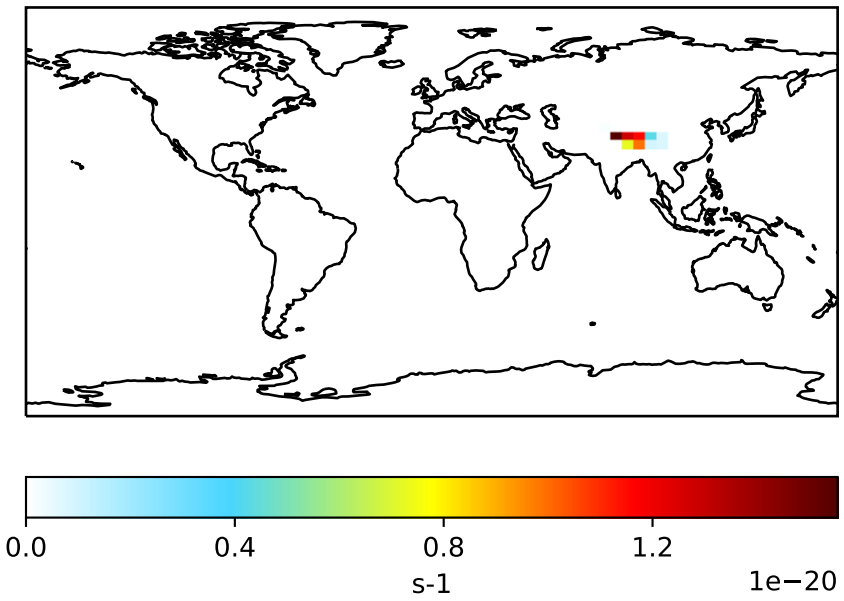


Ratio
Dev/Ref, Fixed Range

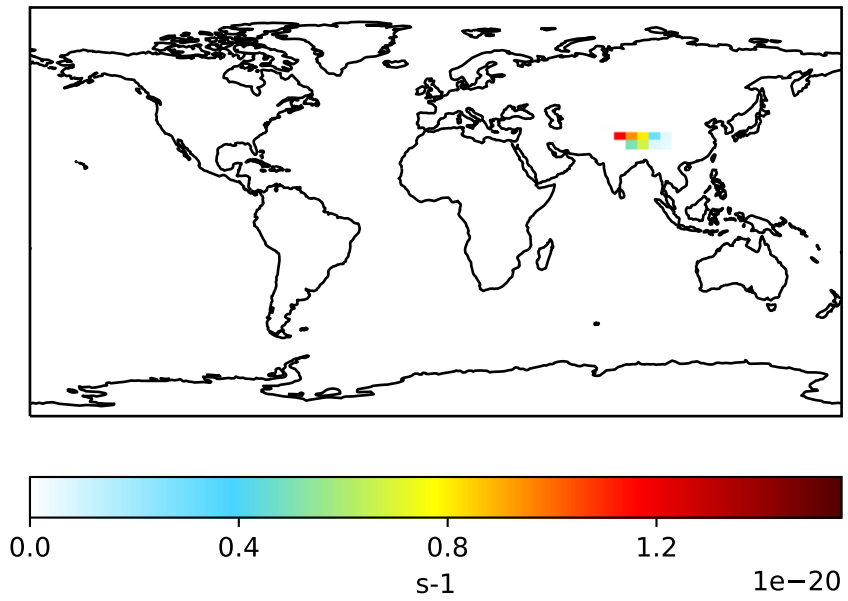


Jval_CFC115 (Jul2019)

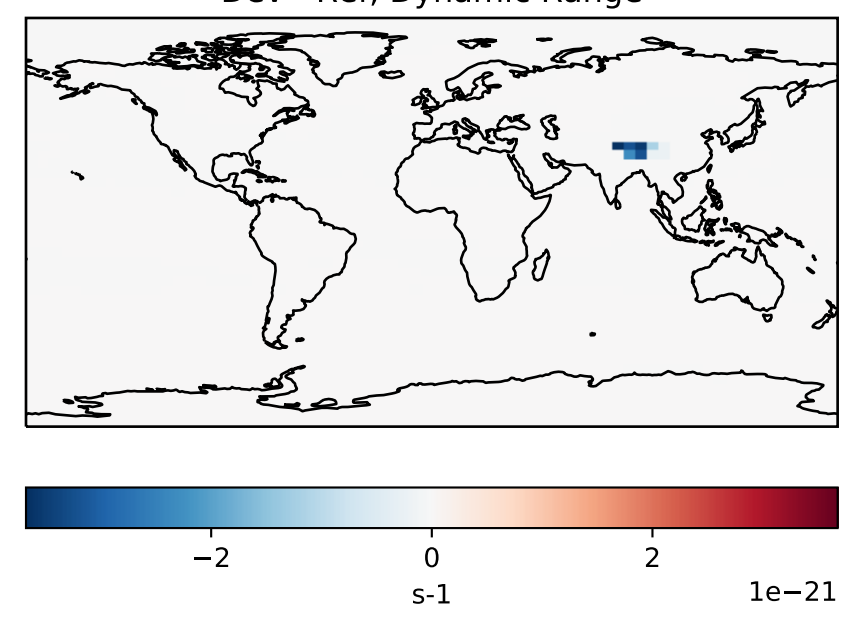
GCC_12.9.0 (Ref)
4.0x5.0



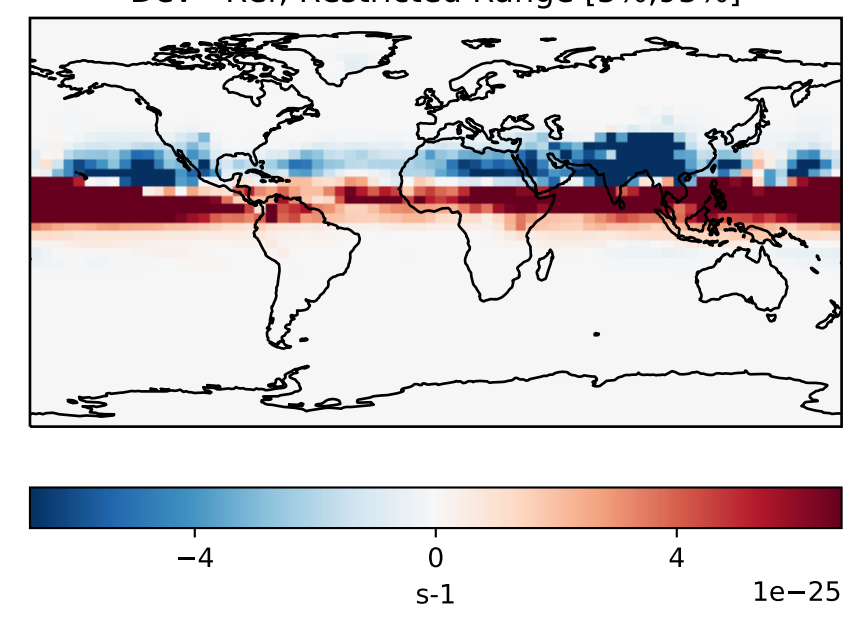
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



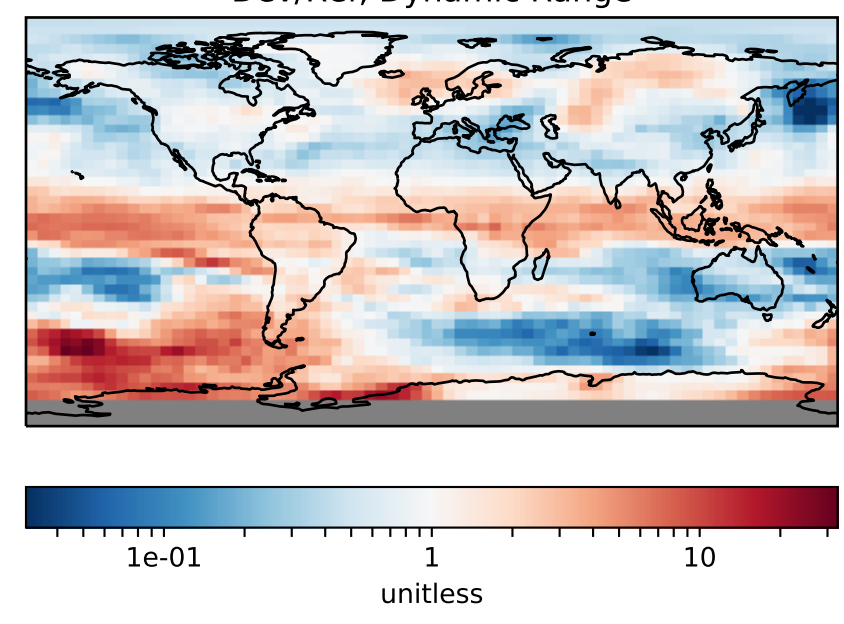
Difference
Dev - Ref, Dynamic Range



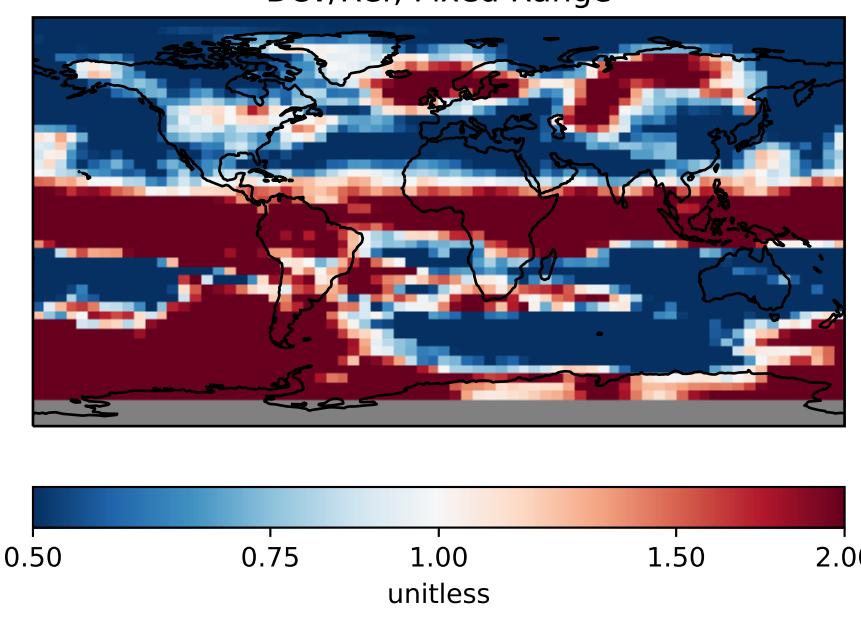
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

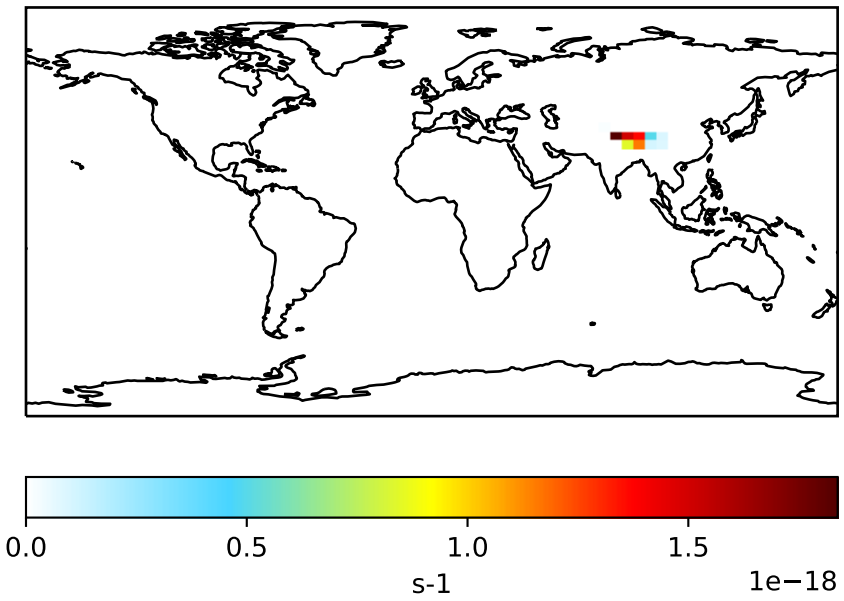


Ratio
Dev/Ref, Fixed Range

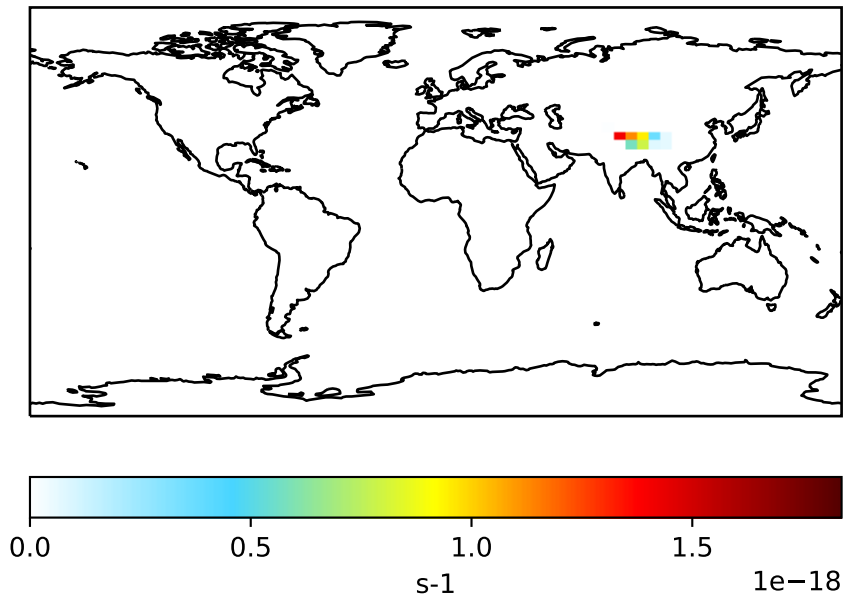


Jval_CFC12 (Jul2019)

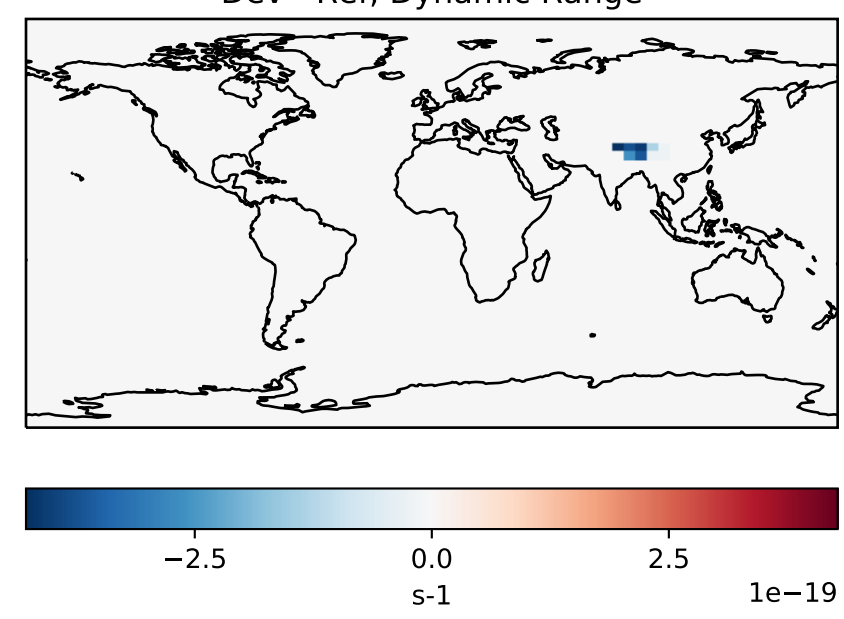
GCC_12.9.0 (Ref)
4.0x5.0



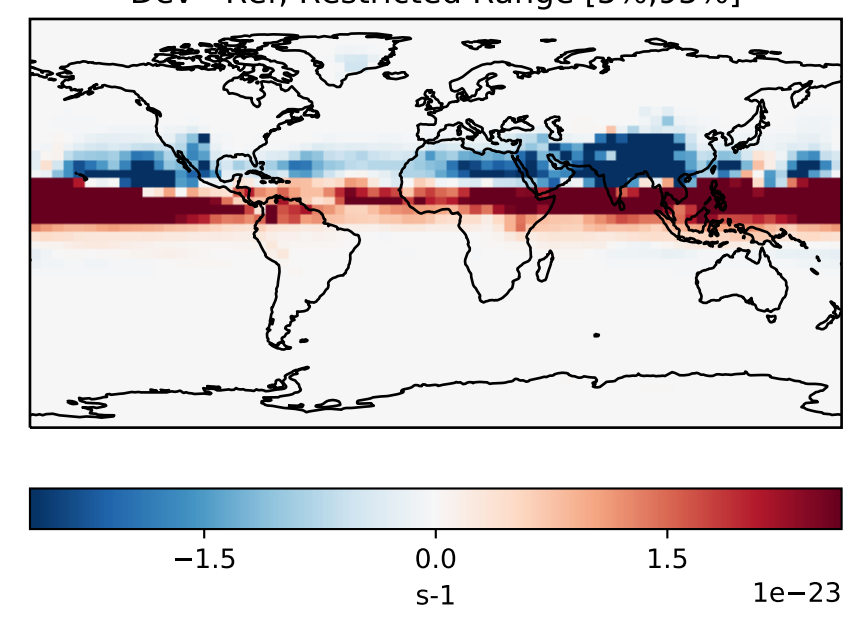
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



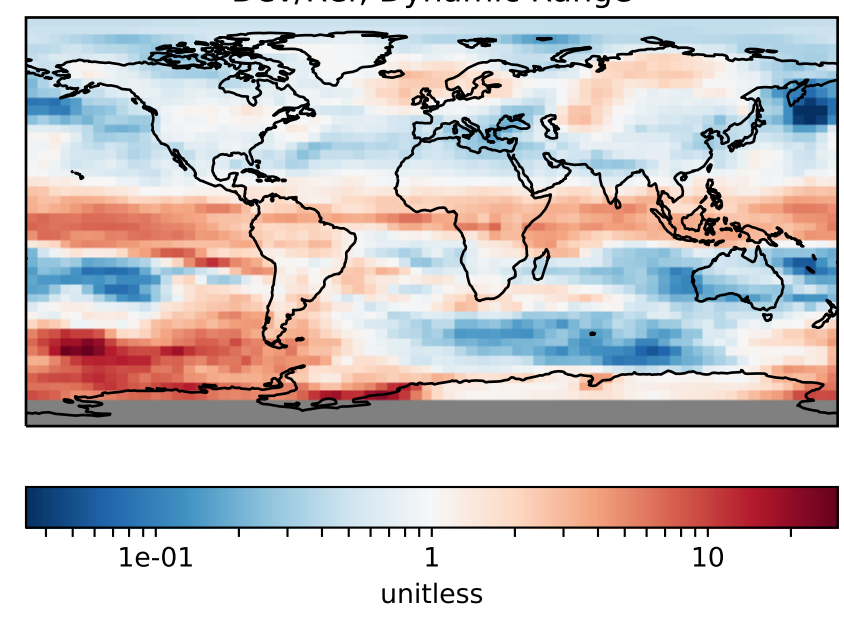
Difference
Dev - Ref, Dynamic Range



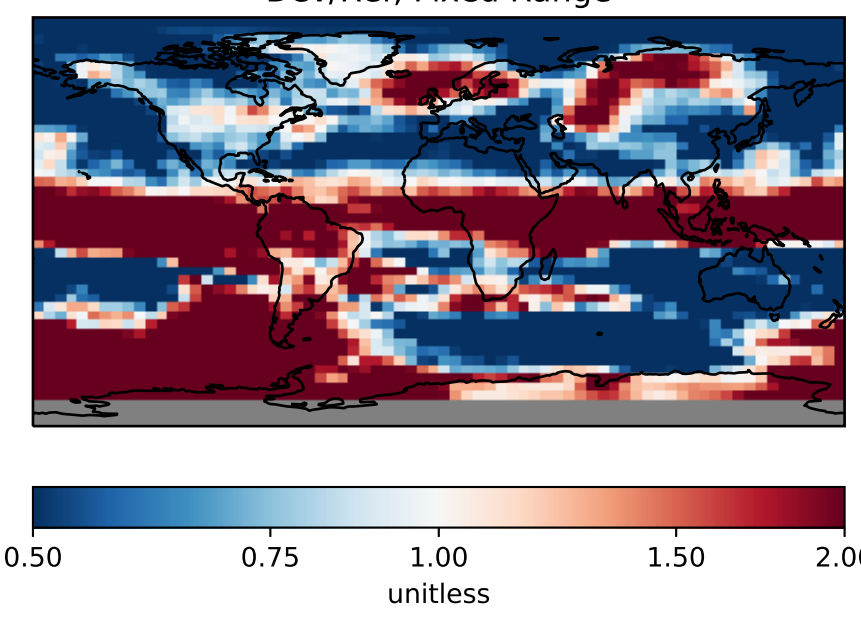
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

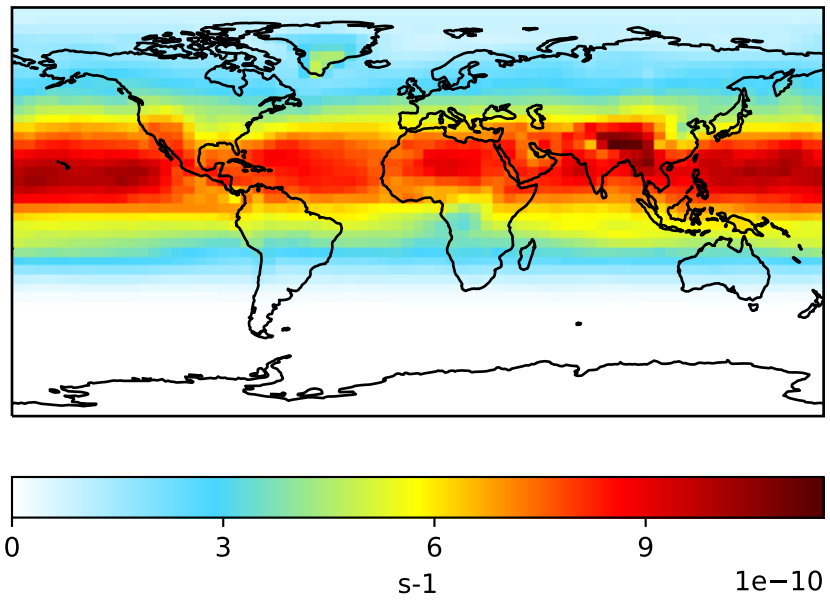


Ratio
Dev/Ref, Fixed Range

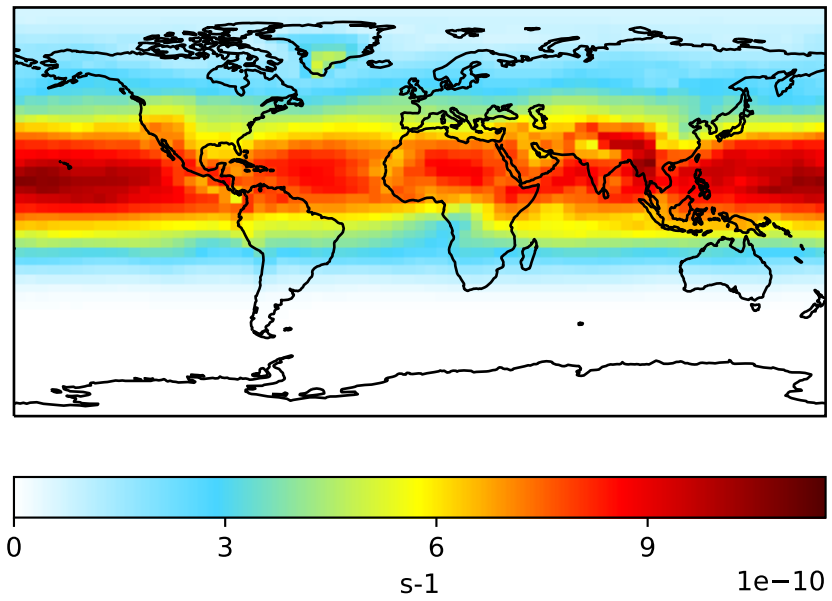


Jval_CH2Br2 (Jul2019)

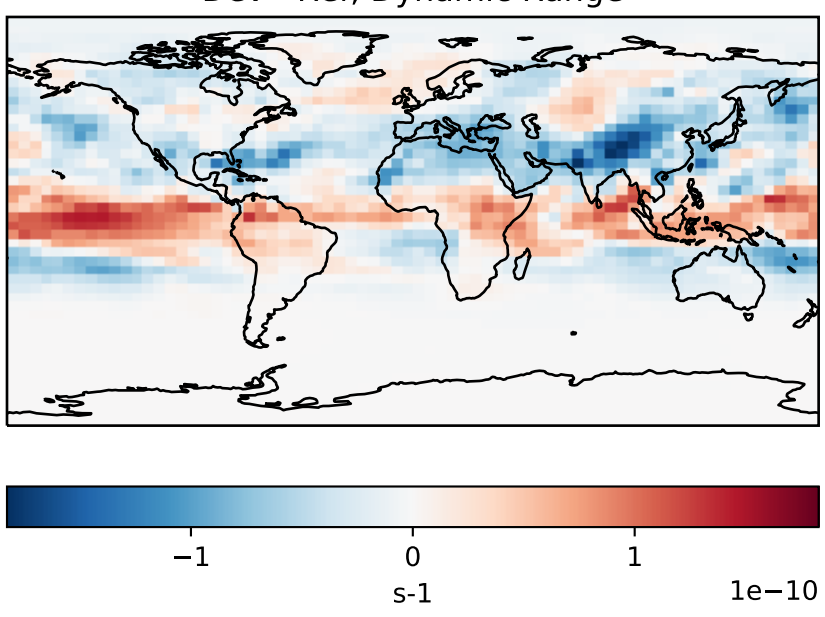
GCC_12.9.0 (Ref)
4.0x5.0



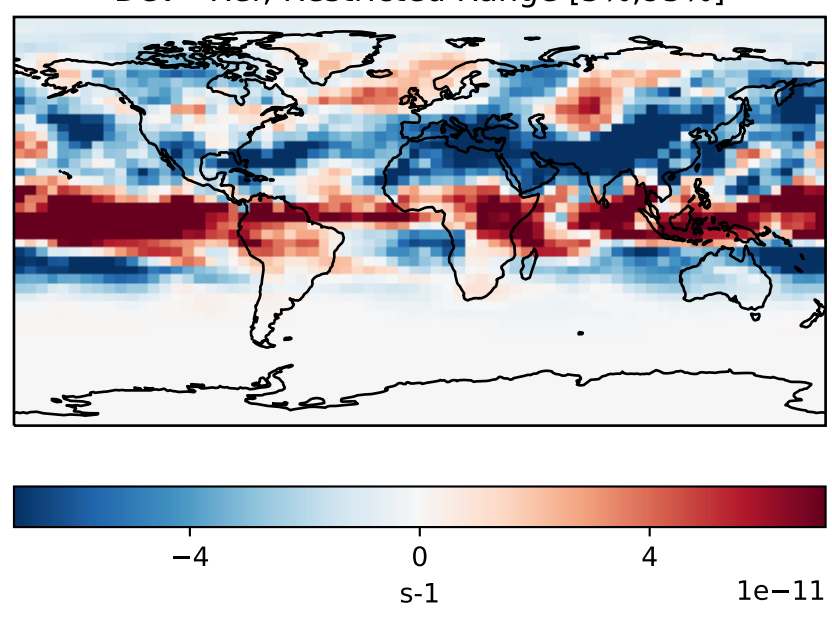
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



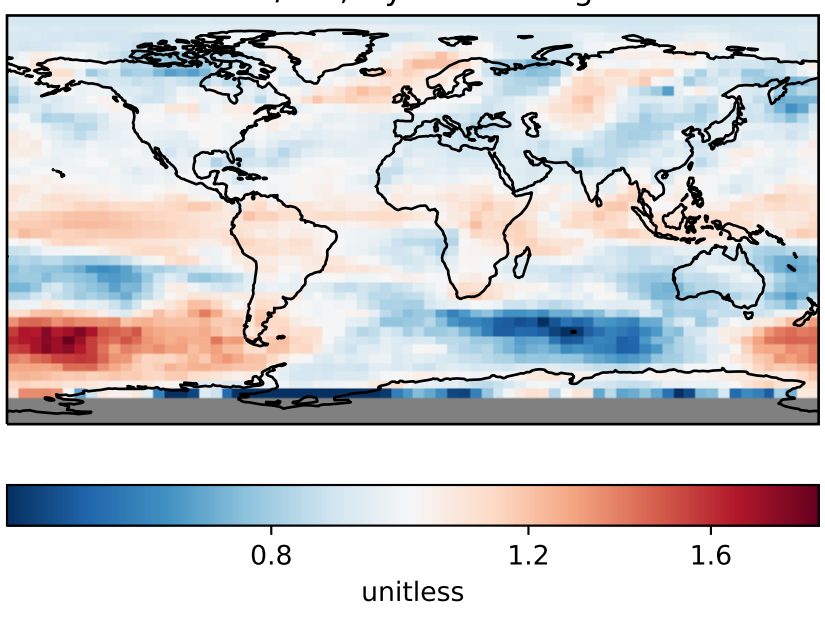
Difference
Dev - Ref, Dynamic Range



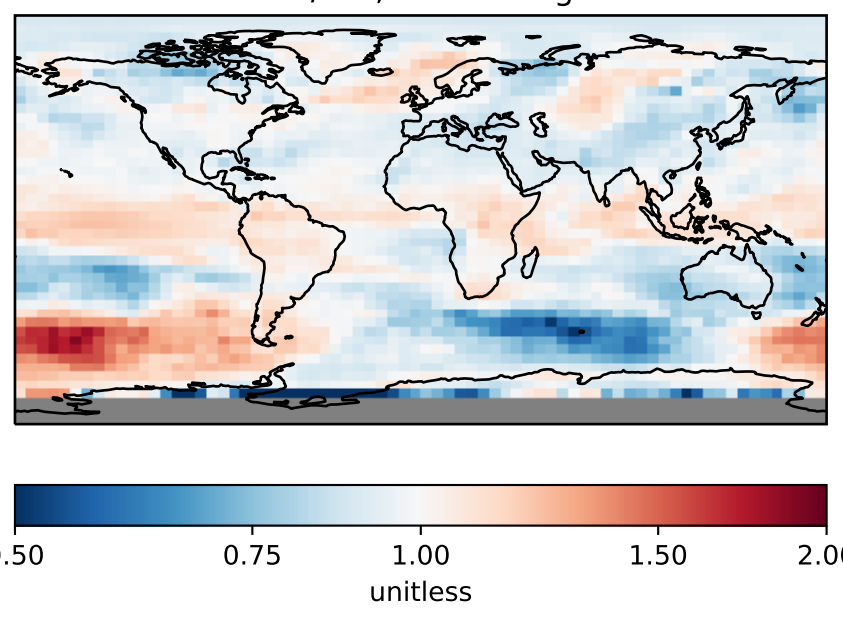
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

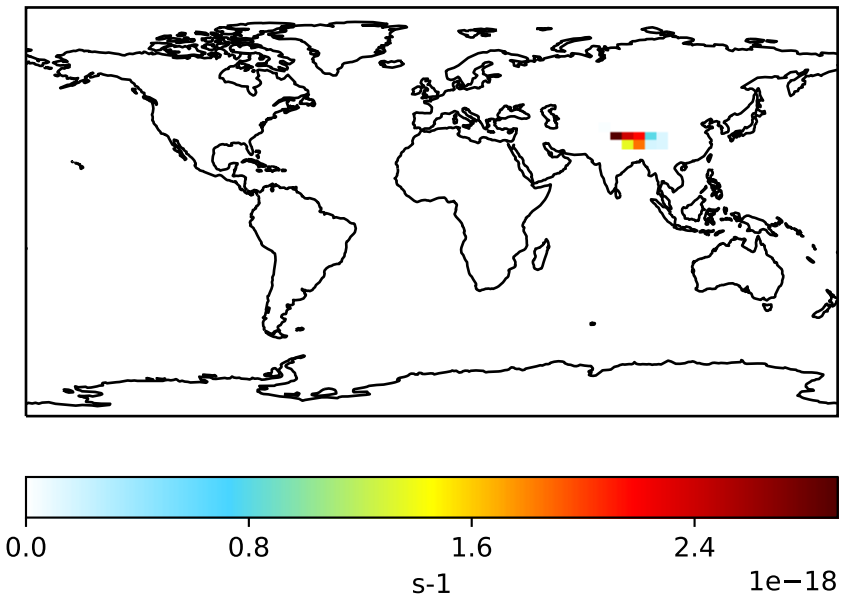


Ratio
Dev/Ref, Fixed Range

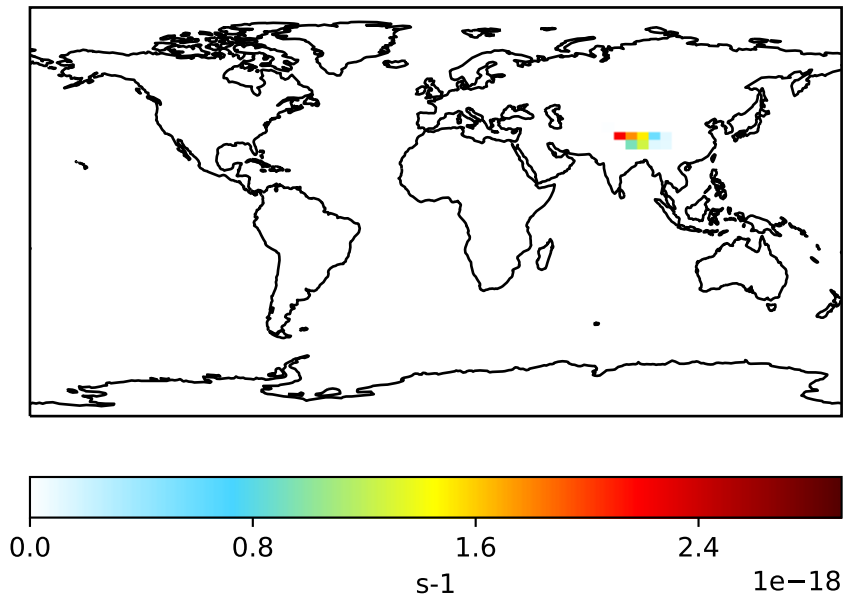


Jval_CH2Cl2 (Jul2019)

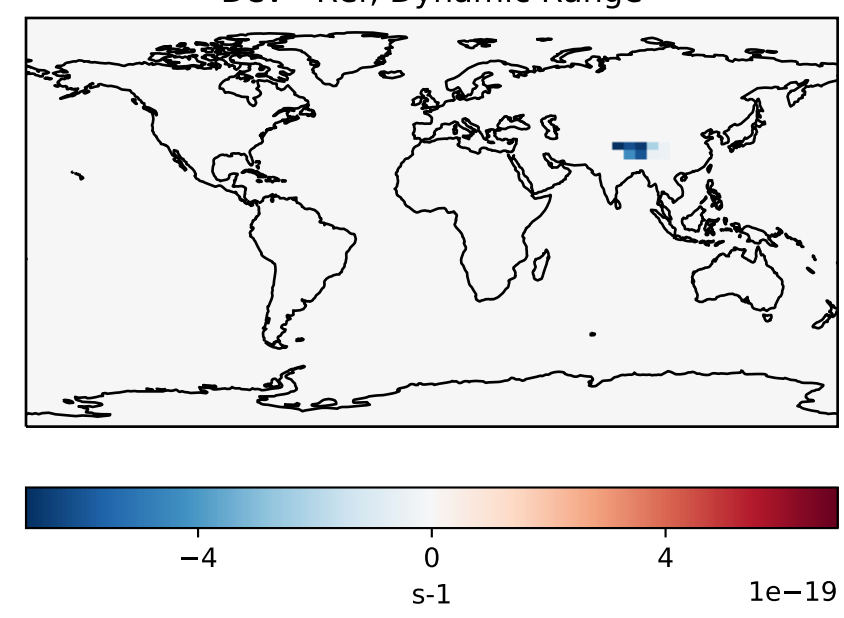
GCC_12.9.0 (Ref)
4.0x5.0



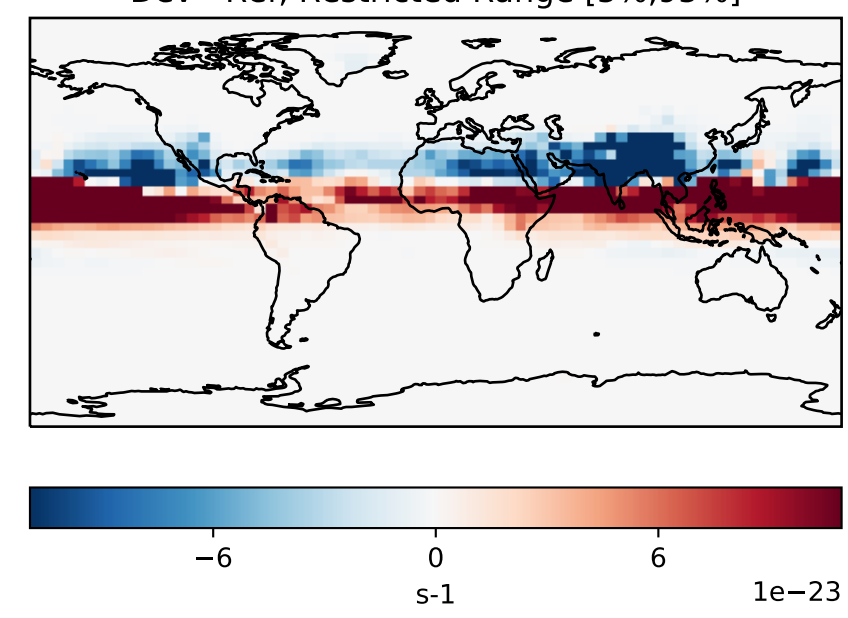
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



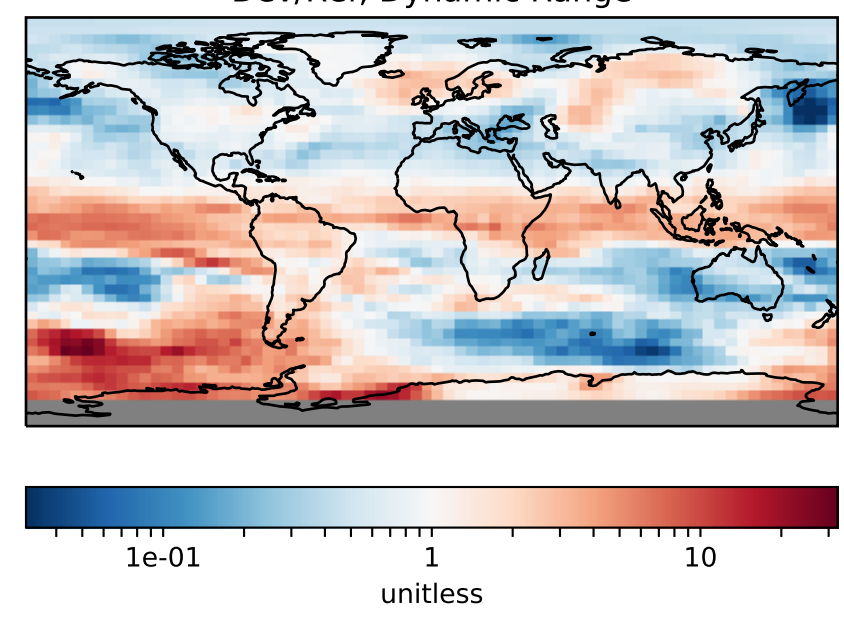
Difference
Dev - Ref, Dynamic Range



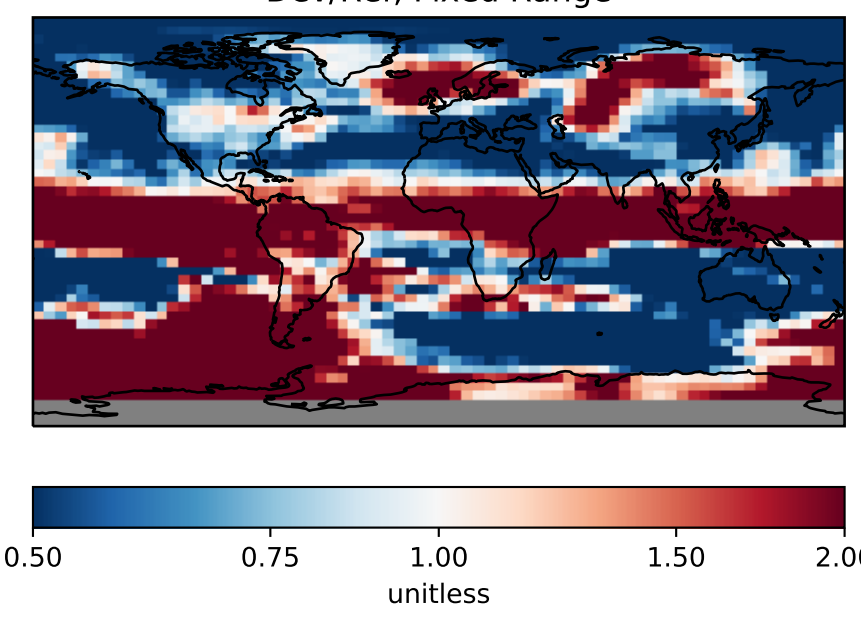
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

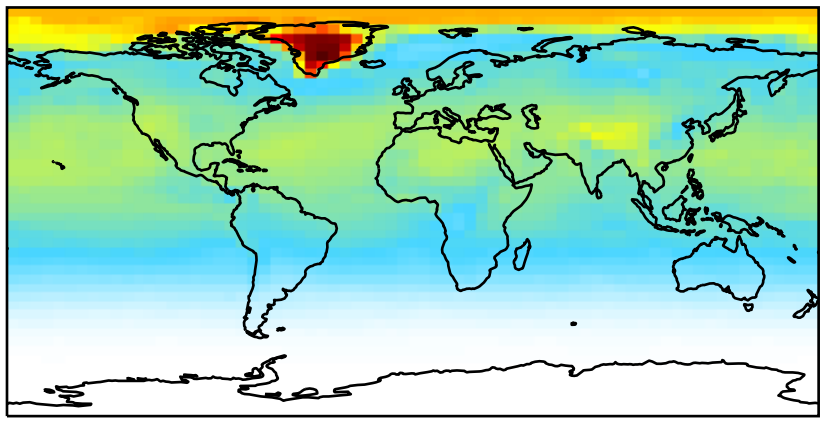


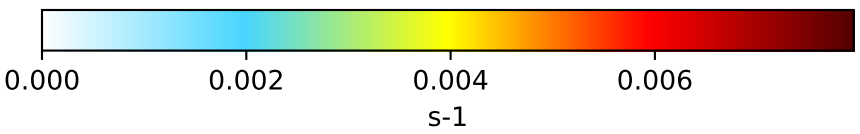
Ratio
Dev/Ref, Fixed Range



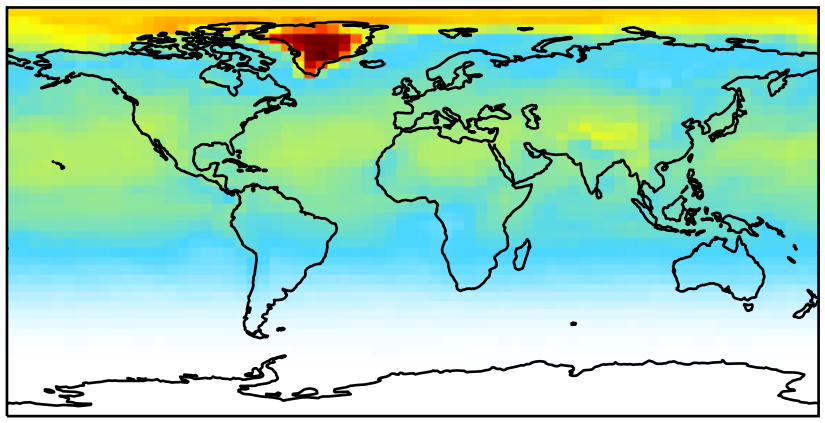
Jval_CH2I2 (Jul2019)

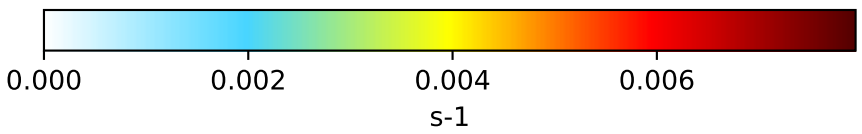
GCC_12.9.0 (Ref)
4.0x5.0



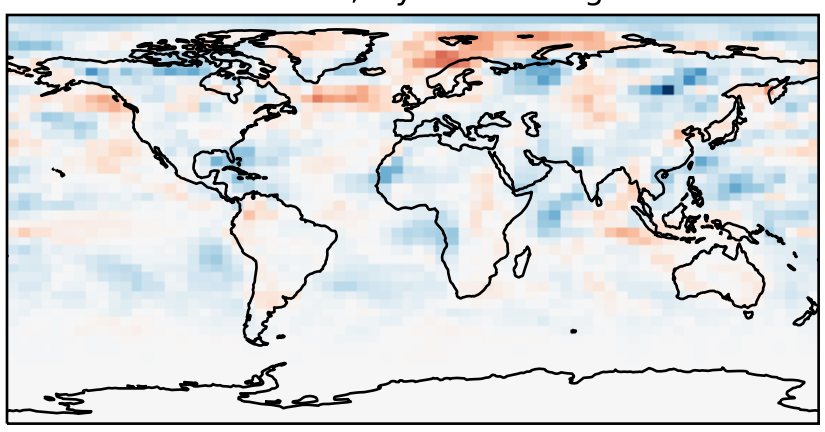


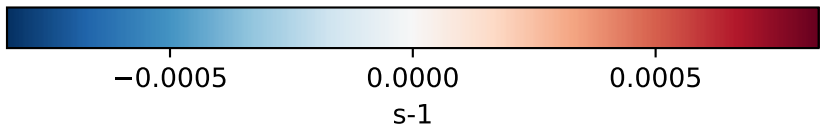
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



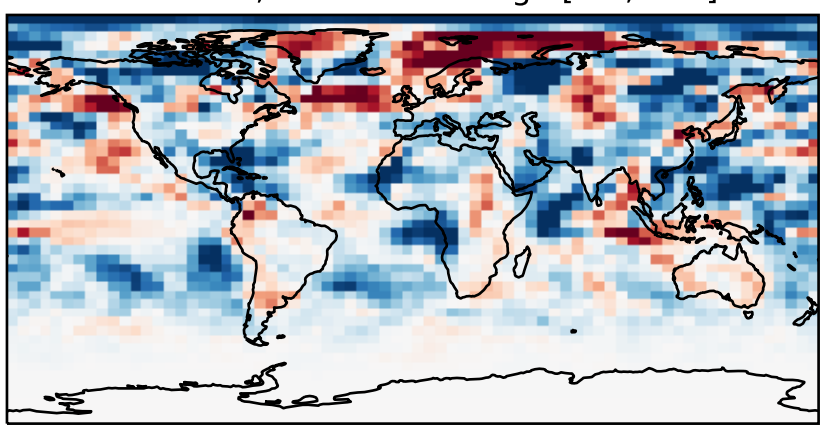


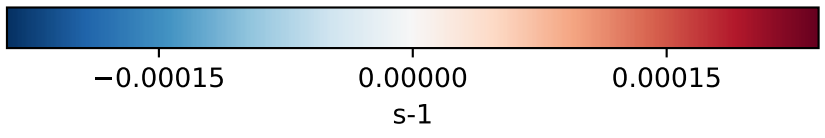
Difference
Dev - Ref, Dynamic Range



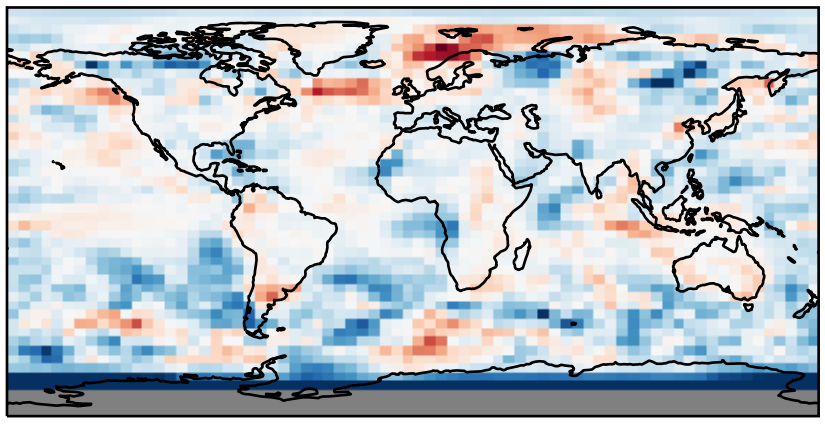


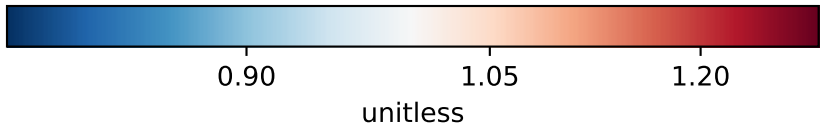
Difference
Dev - Ref, Restricted Range [5%,95%]



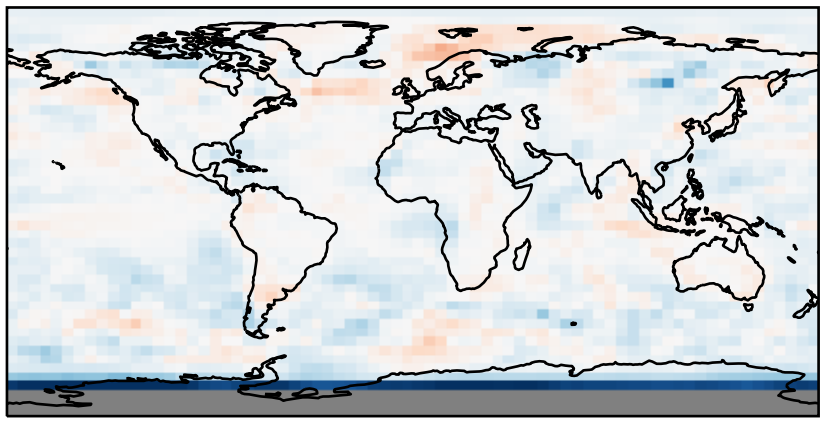


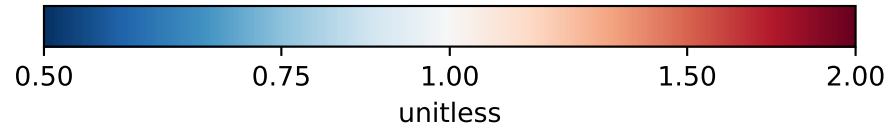
Ratio
Dev/Ref, Dynamic Range





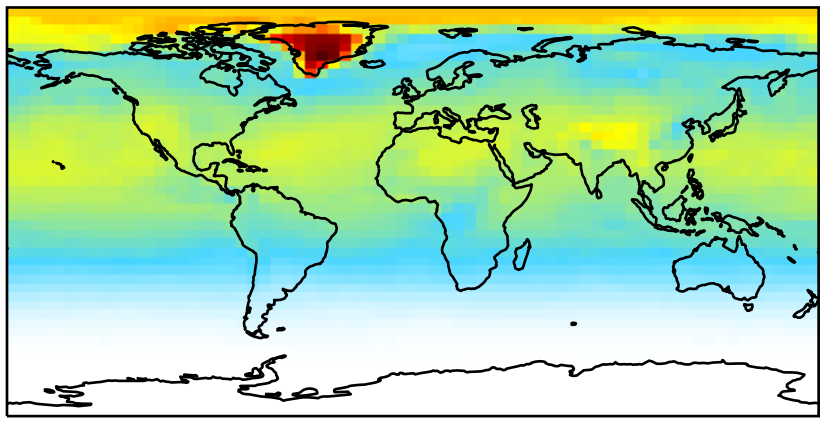
Ratio
Dev/Ref, Fixed Range

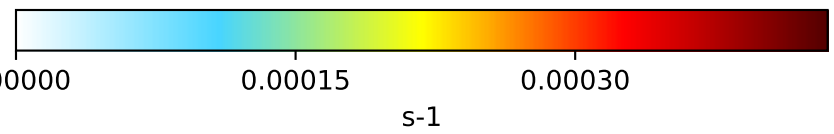




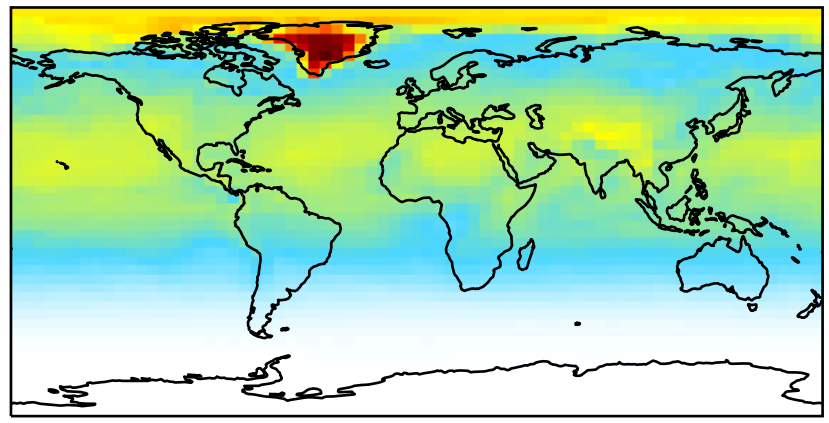
Jval_CH2IBr (Jul2019)

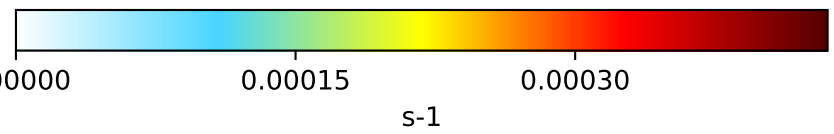
GCC_12.9.0 (Ref)
4.0x5.0



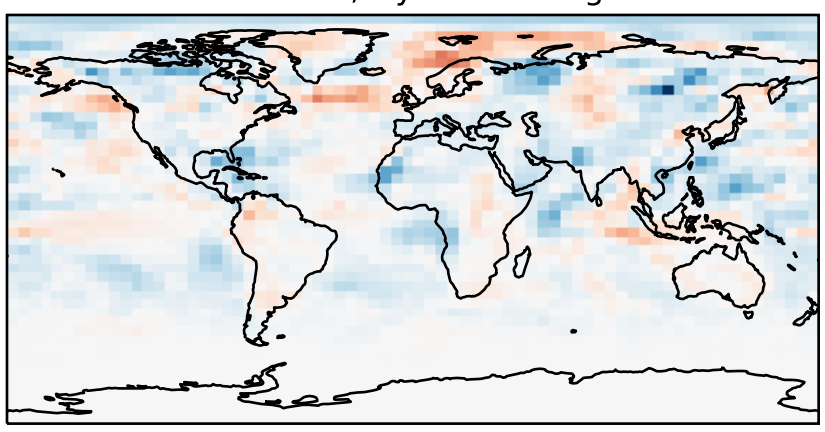


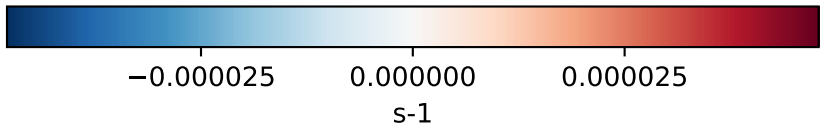
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



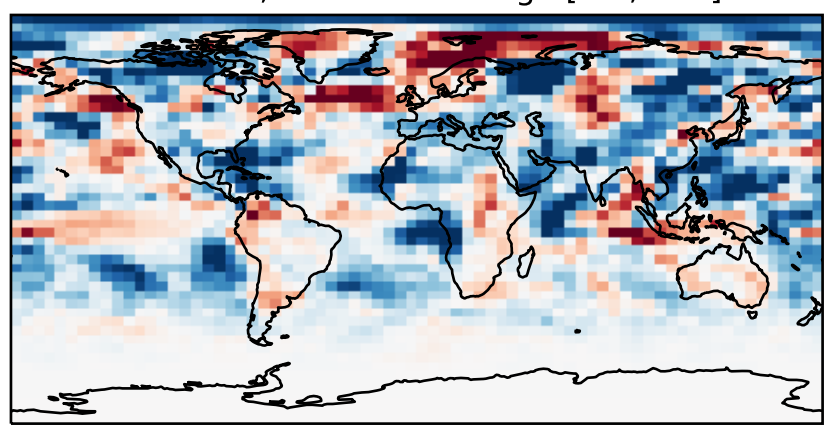


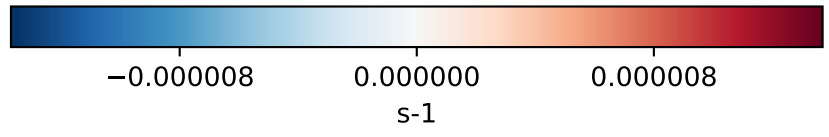
Difference
Dev - Ref, Dynamic Range



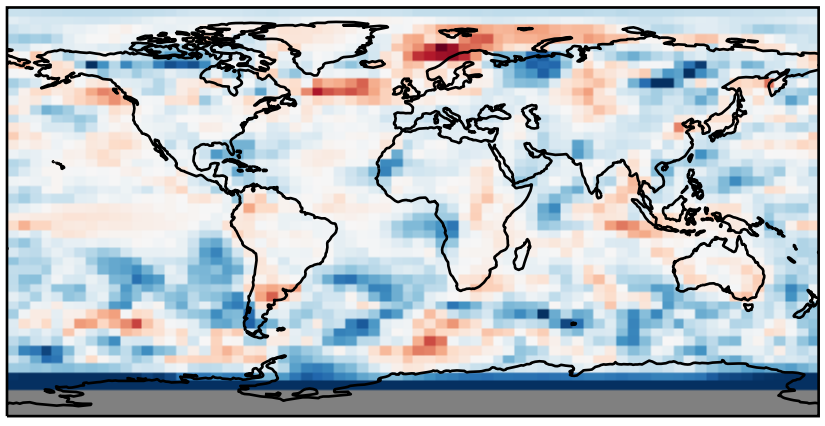


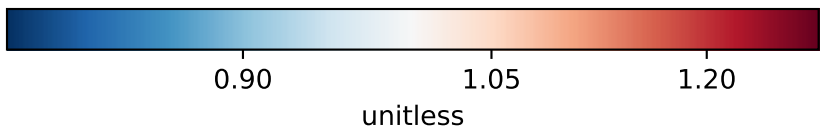
Difference
Dev - Ref, Restricted Range [5%,95%]



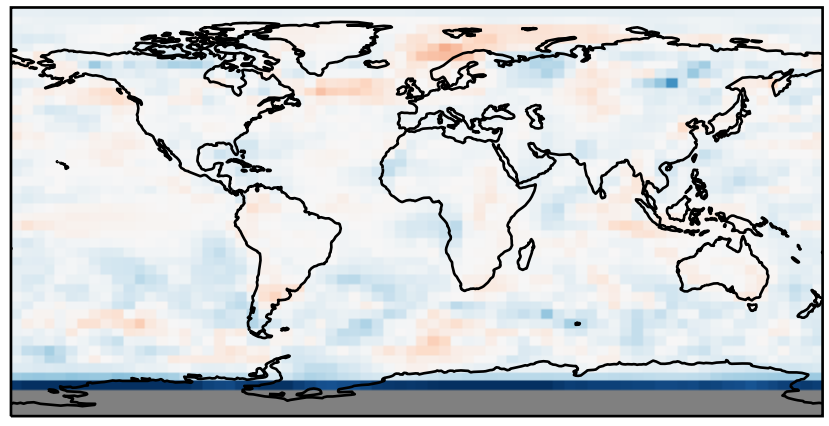


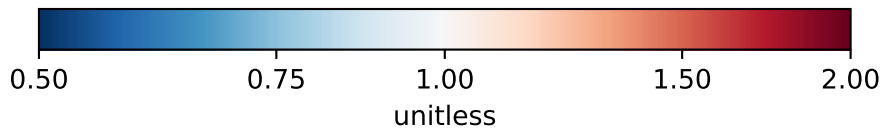
Ratio
Dev/Ref, Dynamic Range





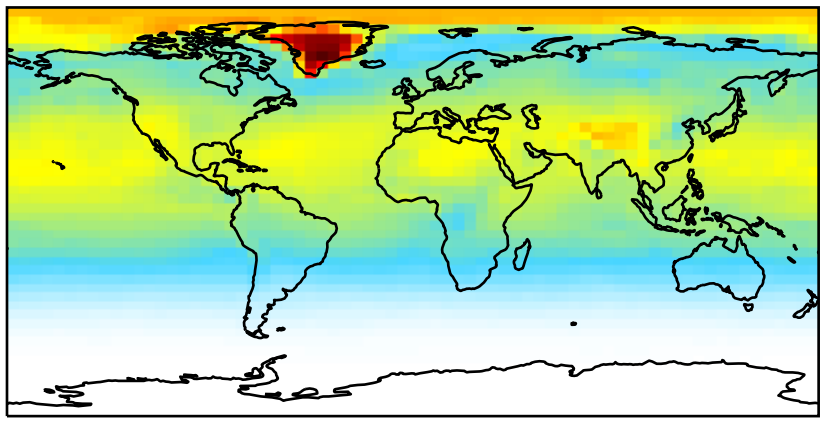
Ratio
Dev/Ref, Fixed Range

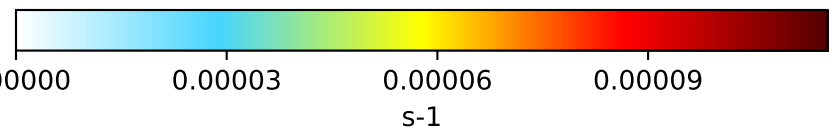




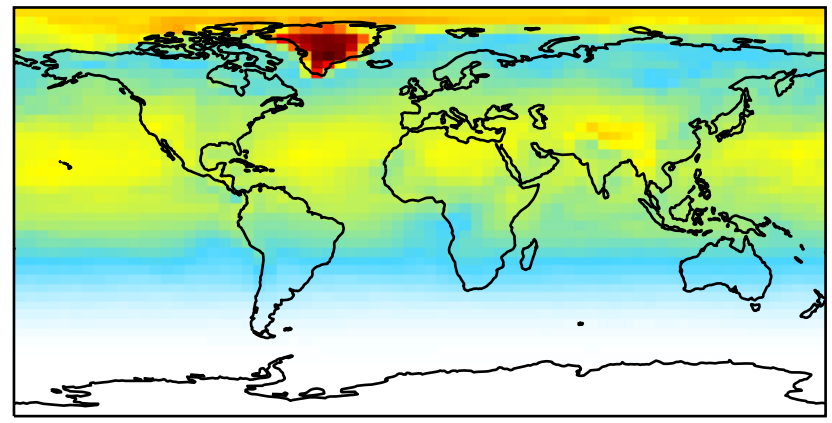
Jval_CH2ICl (Jul2019)

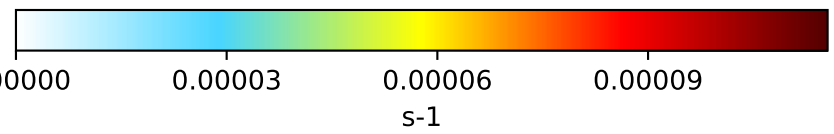
GCC_12.9.0 (Ref)
4.0x5.0



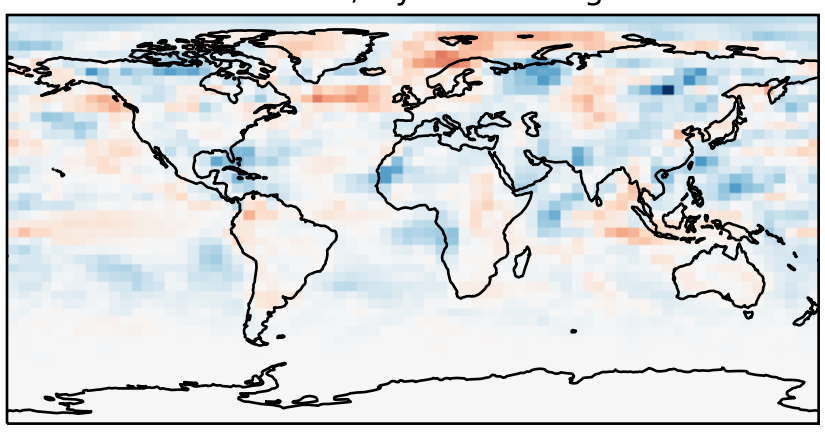


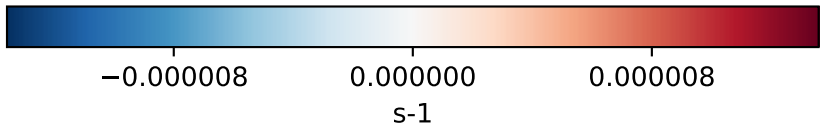
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



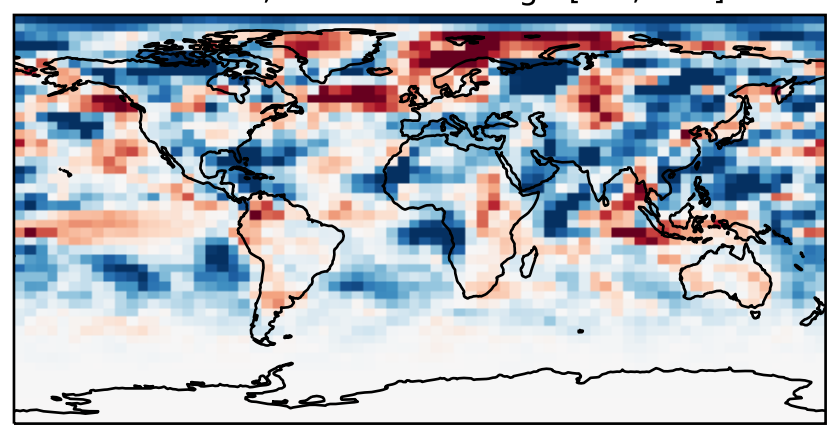


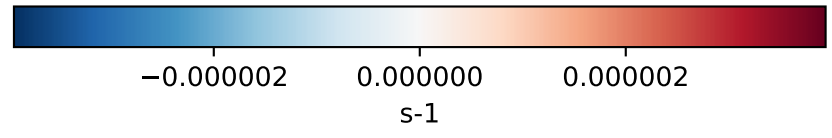
Difference
Dev - Ref, Dynamic Range



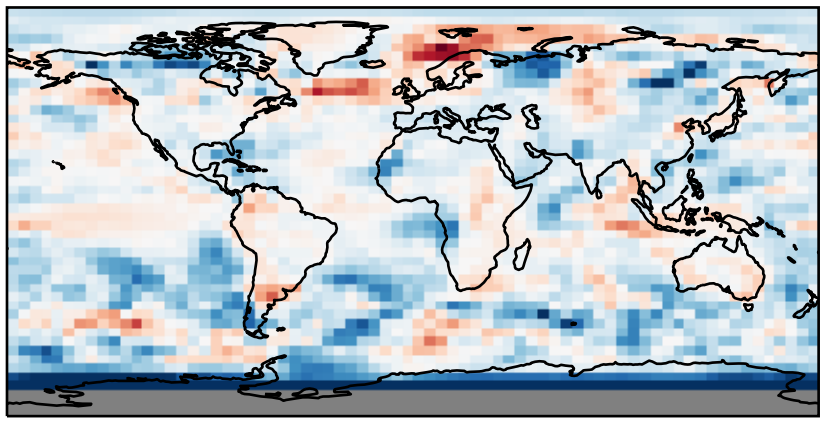


Difference
Dev - Ref, Restricted Range [5%,95%]



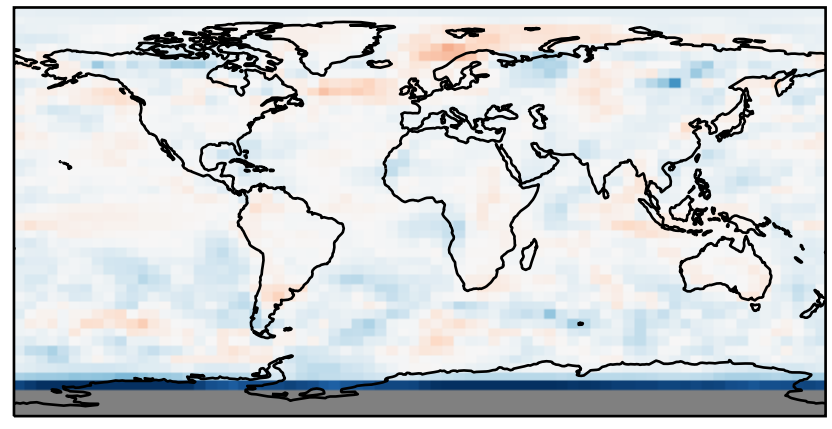


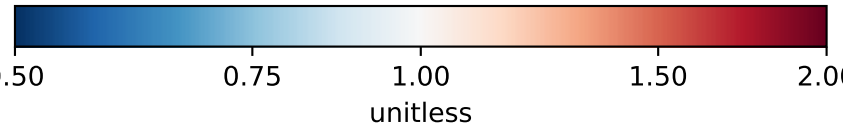
Ratio
Dev/Ref, Dynamic Range





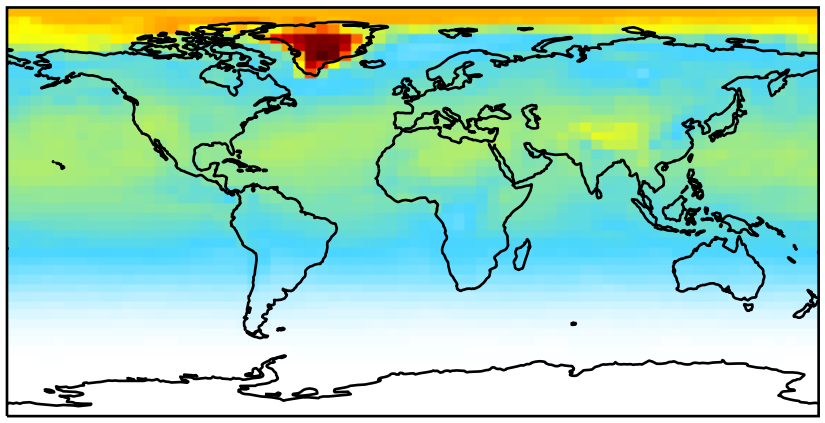
Ratio
Dev/Ref, Fixed Range

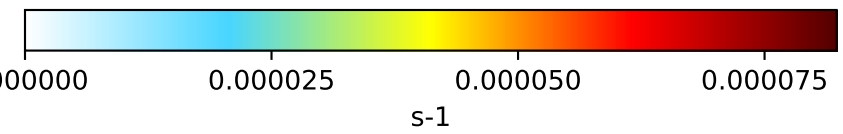




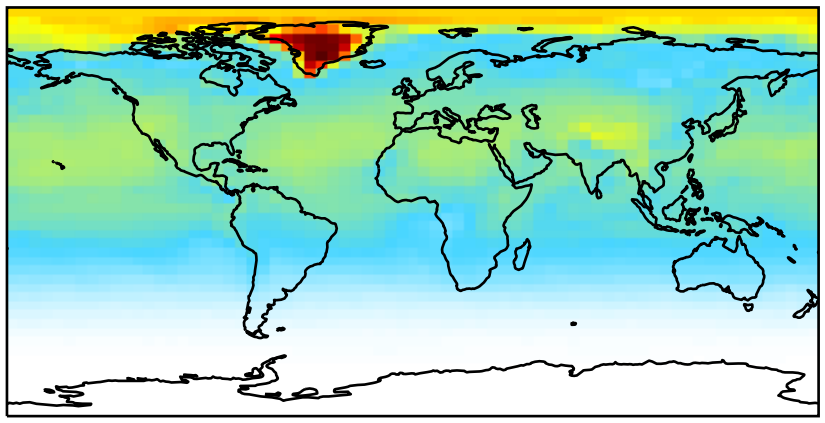
Jval_CH2O (Jul2019)

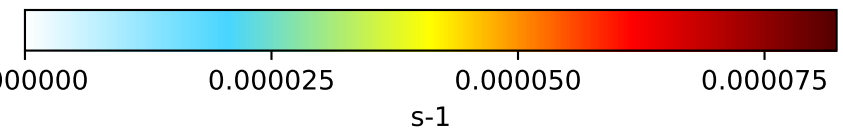
GCC_12.9.0 (Ref)
4.0x5.0



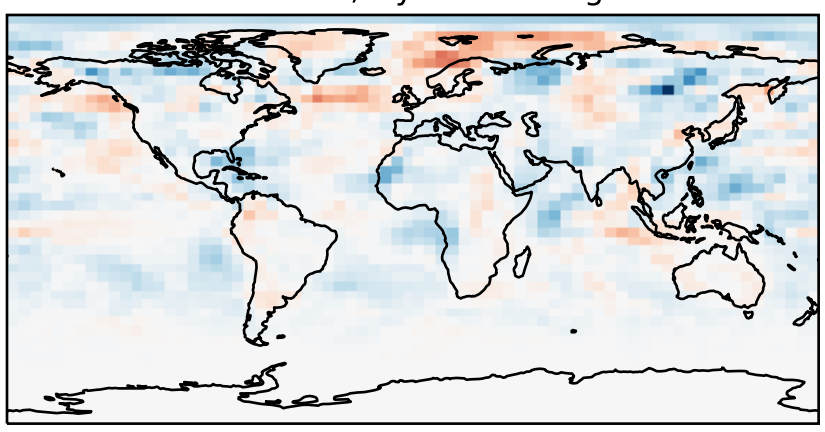


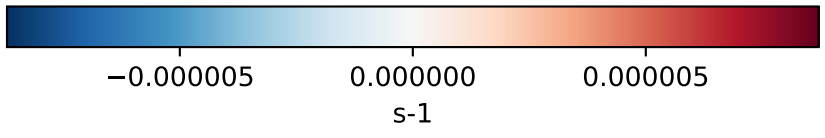
GCC_13.0.0-beta.1 (Dev)
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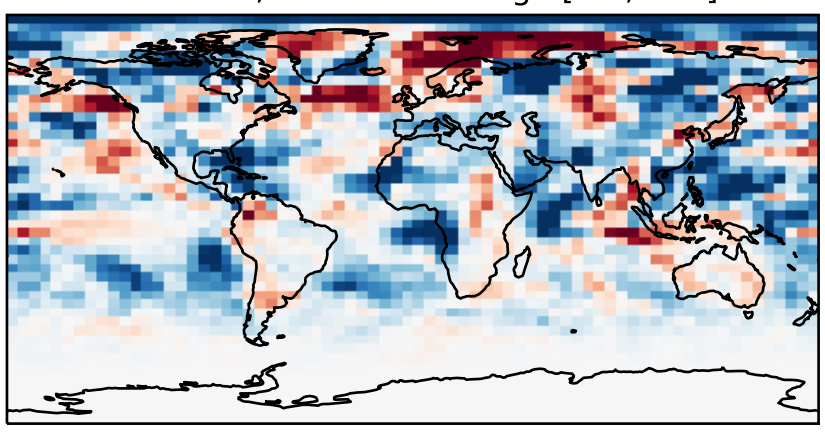


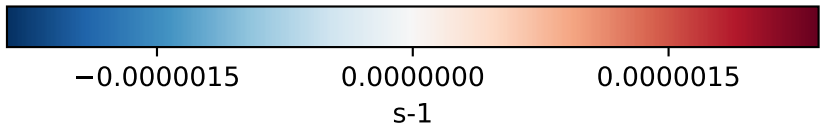
Difference
Dev - Ref, Dynamic Range



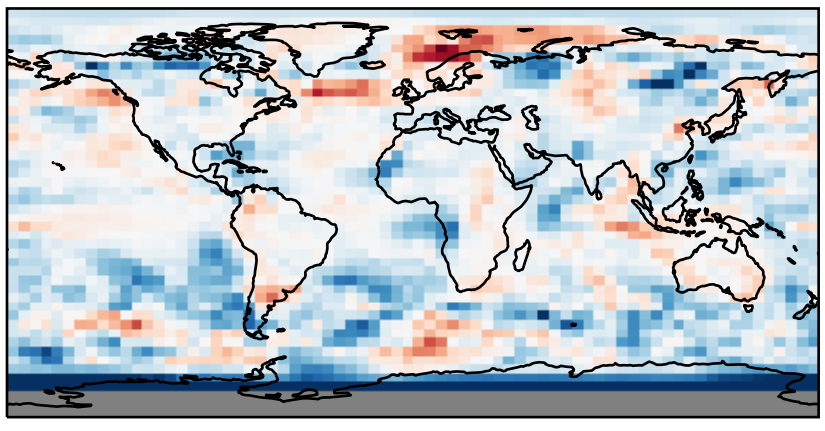


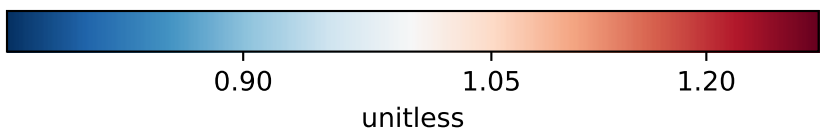
Difference
Dev - Ref, Restricted Range [5%,95%]



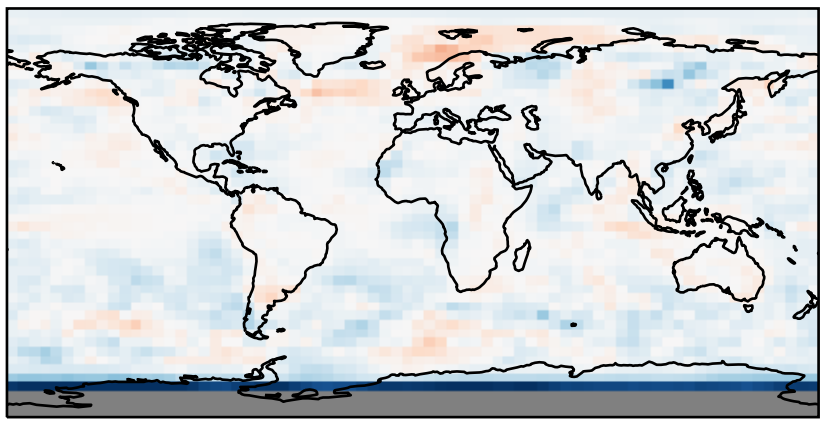


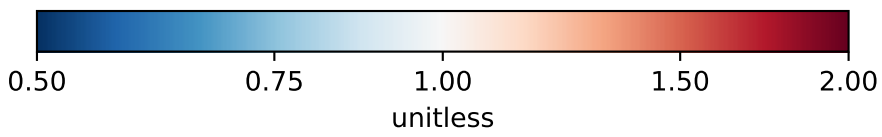
Ratio
Dev/Ref, Dynamic Range





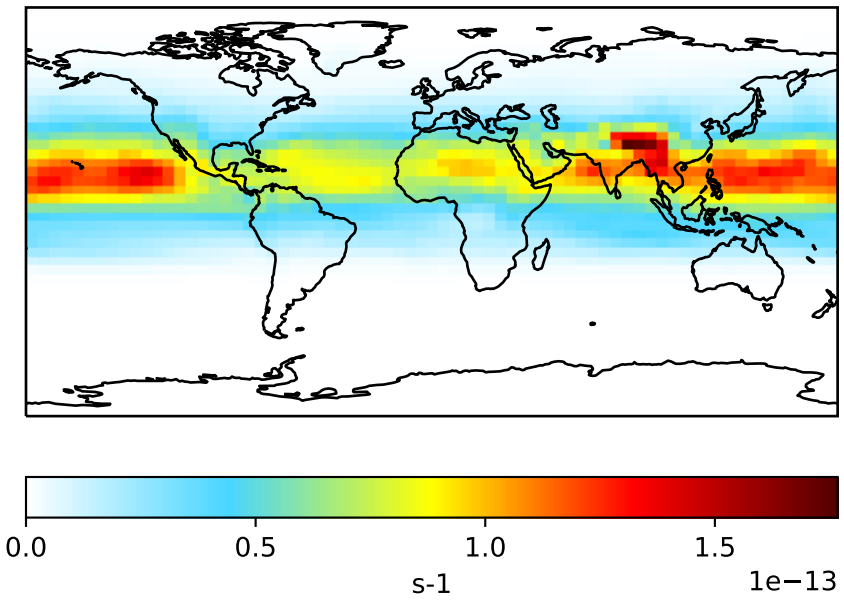
Ratio
Dev/Ref, Fixed Range



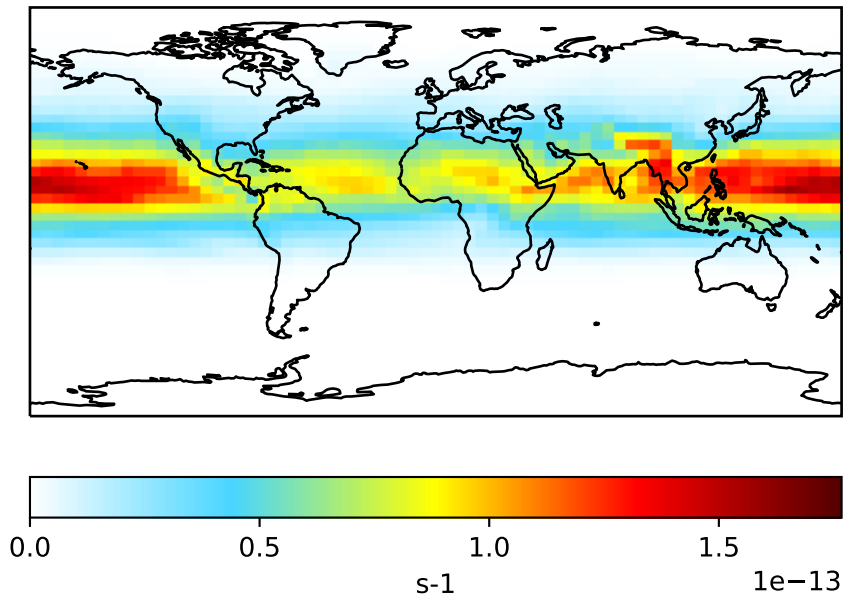


Jval_CH3Br (Jul2019)

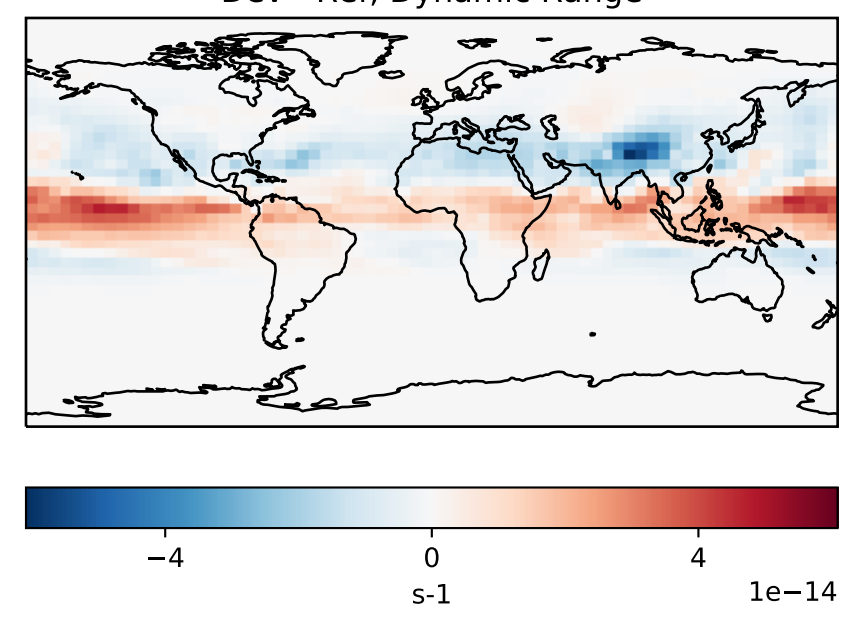
GCC_12.9.0 (Ref)
4.0x5.0



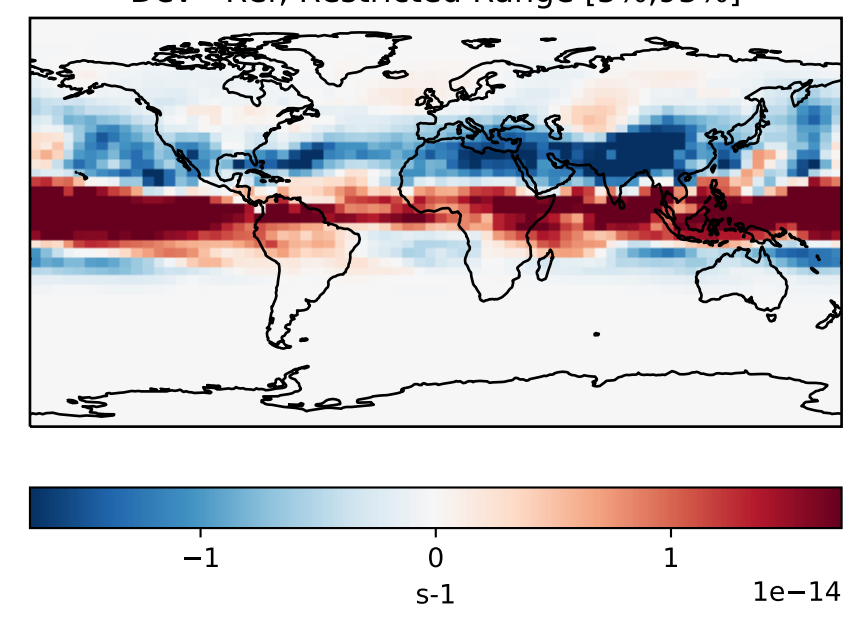
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



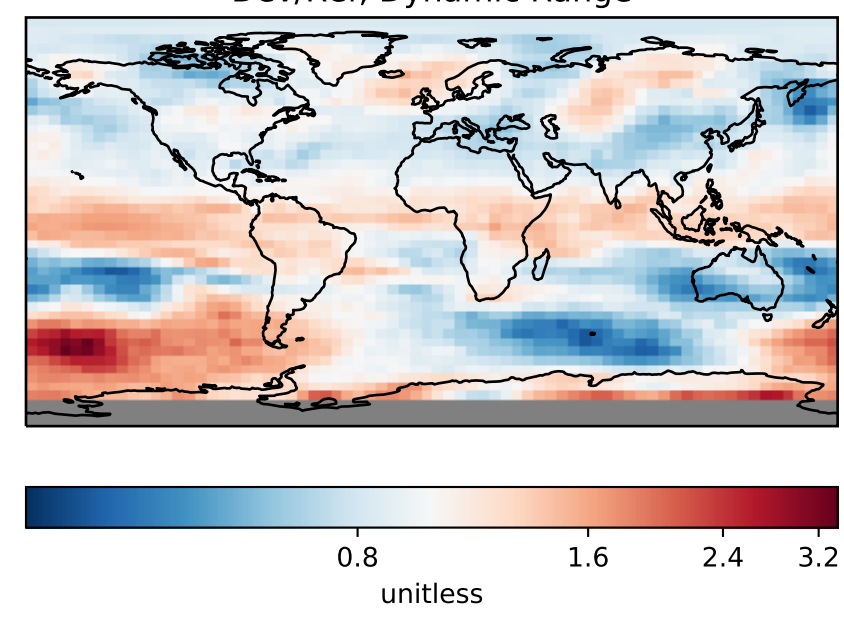
Difference
Dev - Ref, Dynamic Range



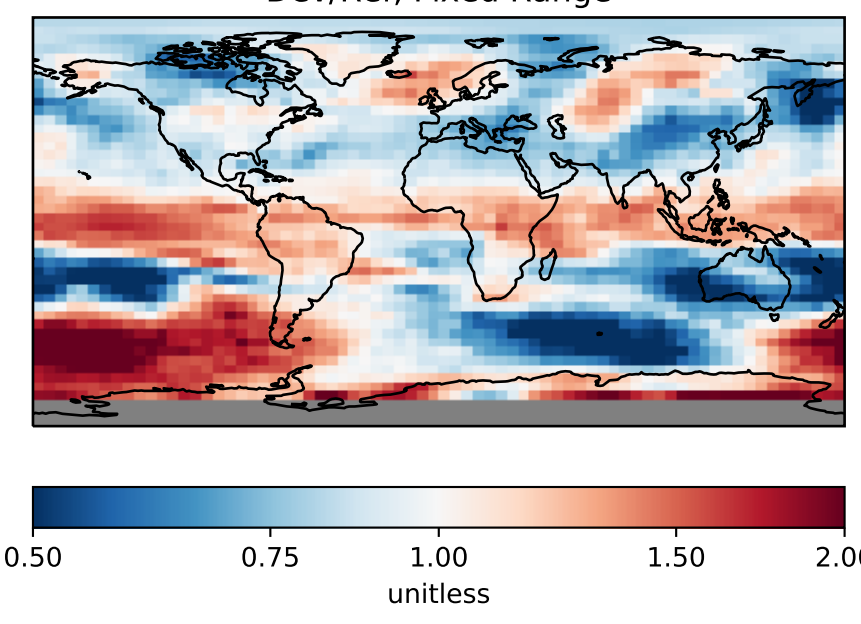
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

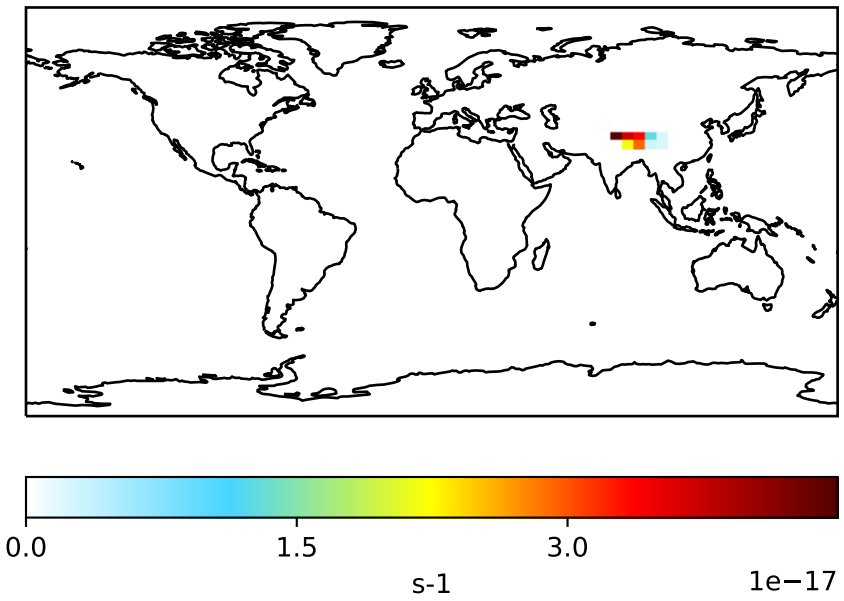


Ratio
Dev/Ref, Fixed Range

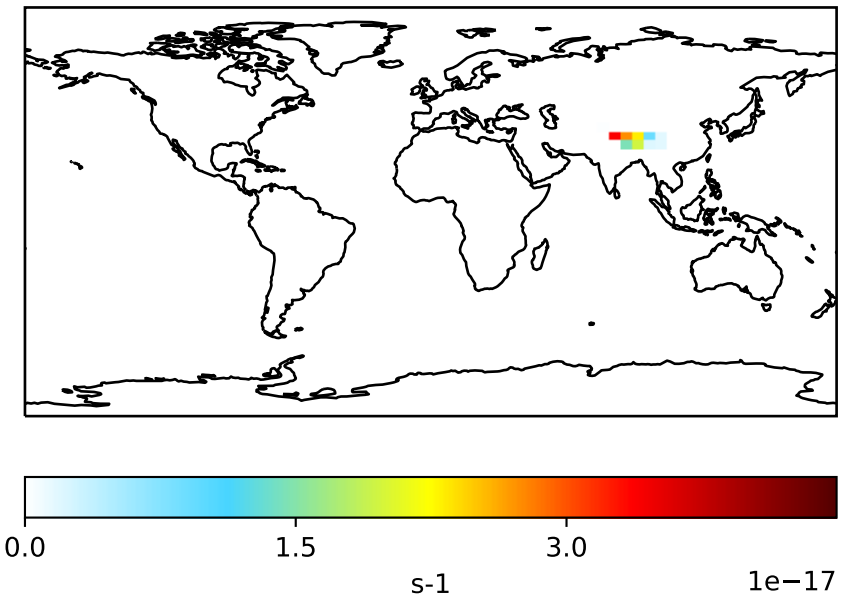


Jval_CH3CCl3 (Jul2019)

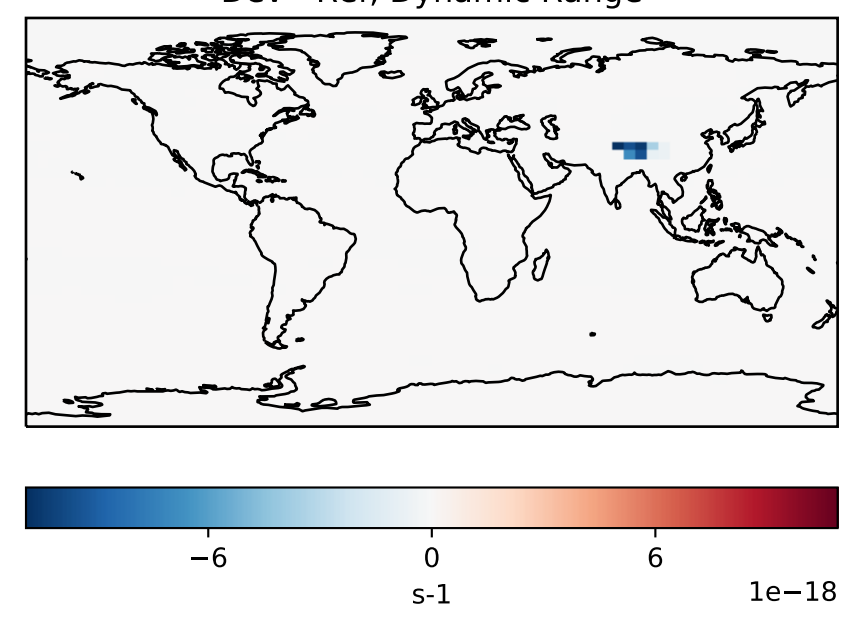
GCC_12.9.0 (Ref)
4.0x5.0



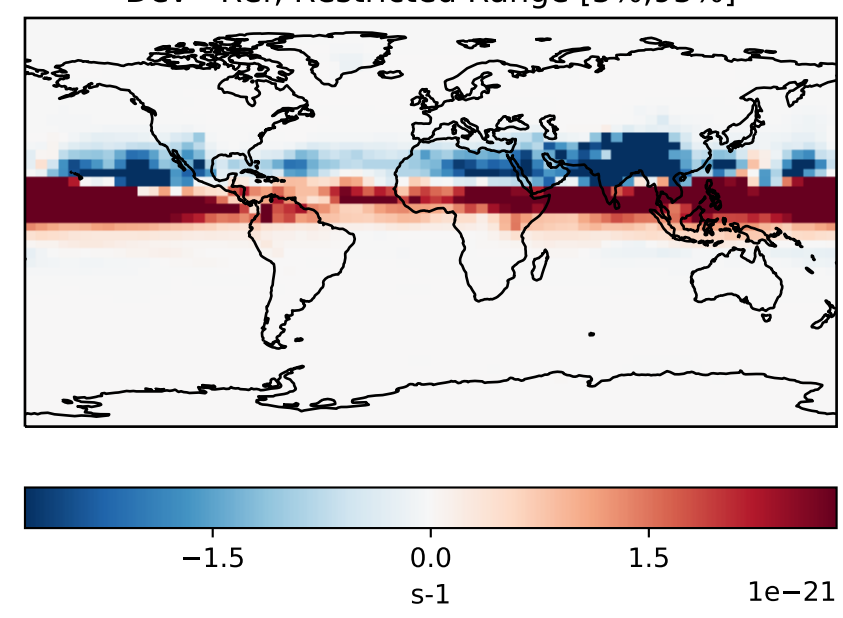
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



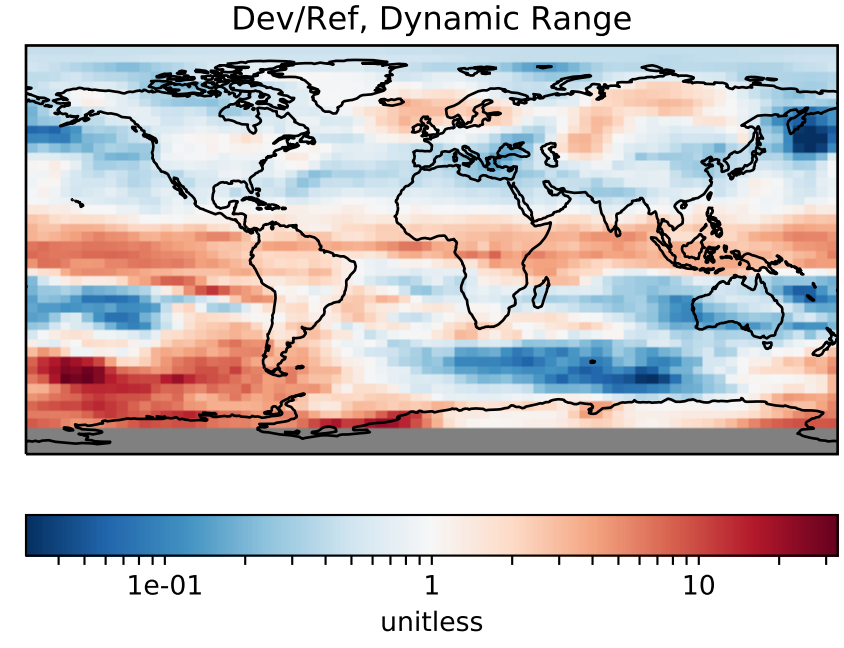
Difference
Dev - Ref, Dynamic Range



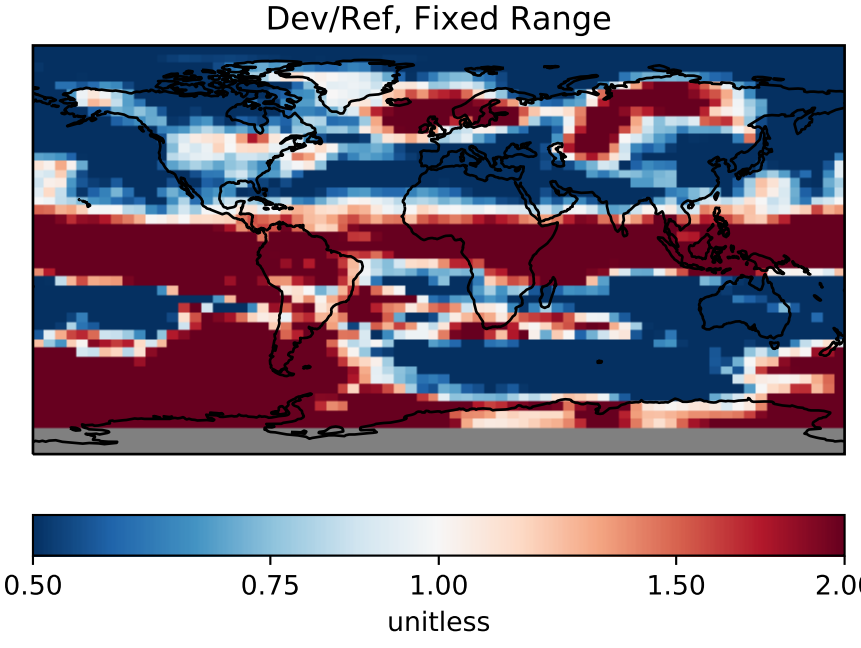
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

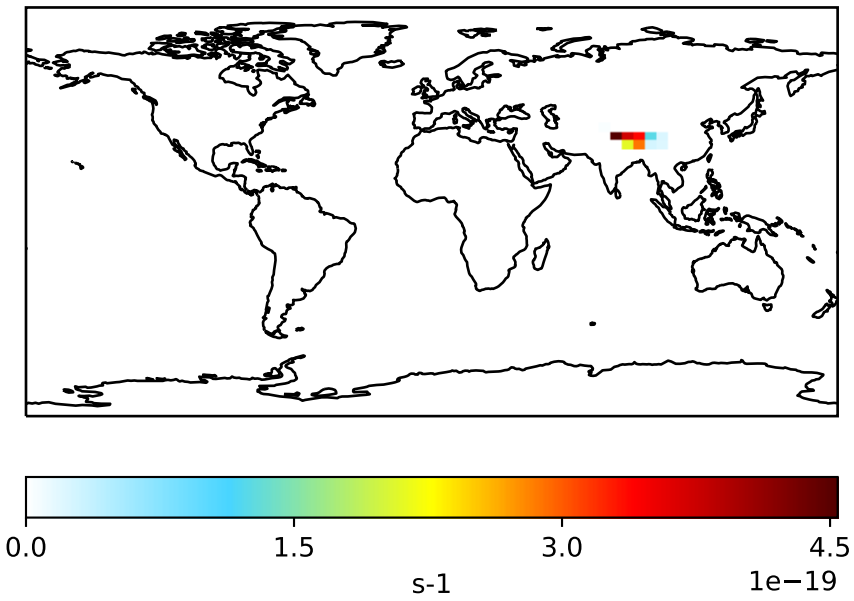


Ratio
Dev/Ref, Fixed Range

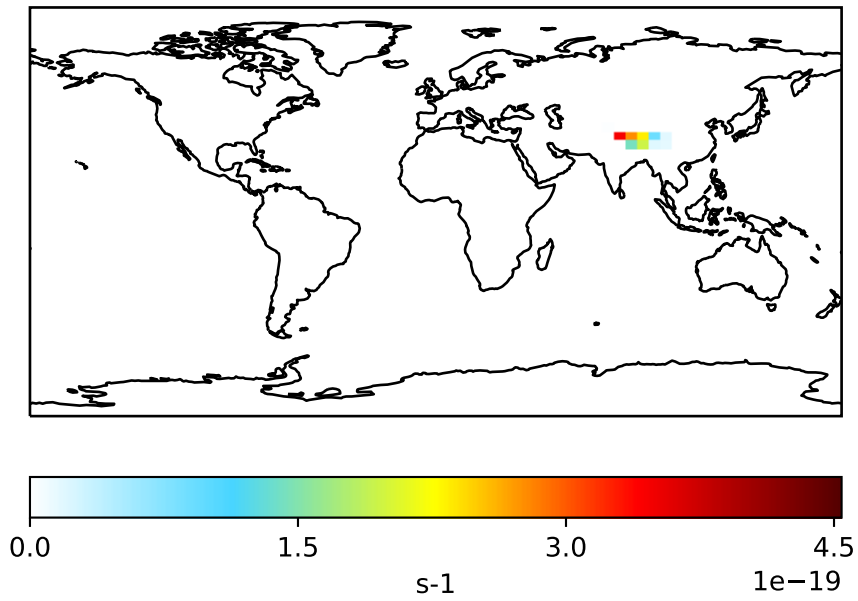


Jval_CH3Cl (Jul2019)

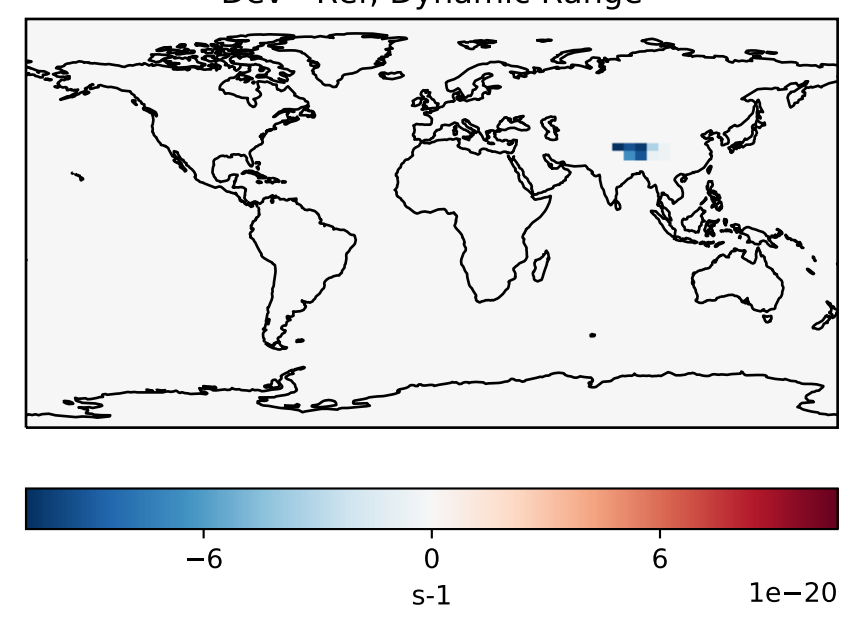
GCC_12.9.0 (Ref)
4.0x5.0



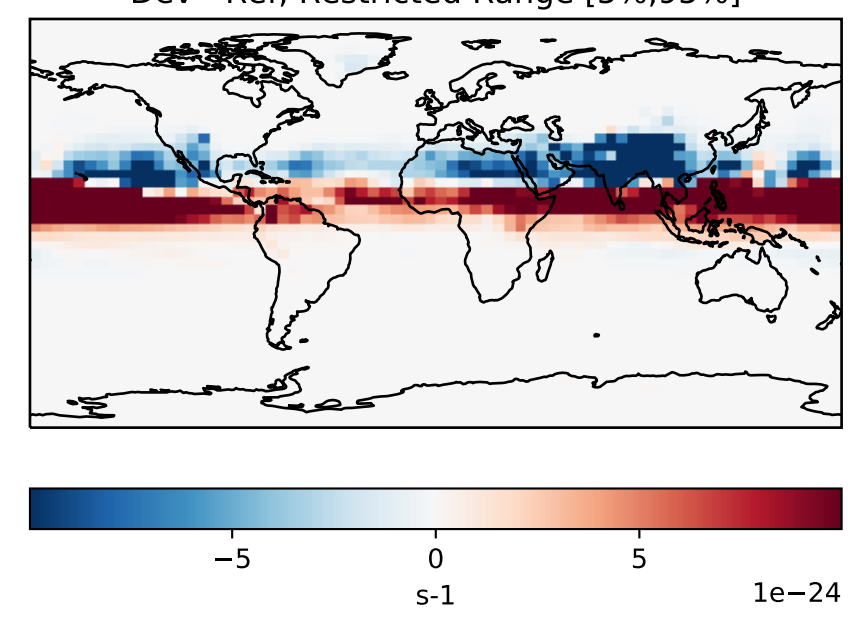
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



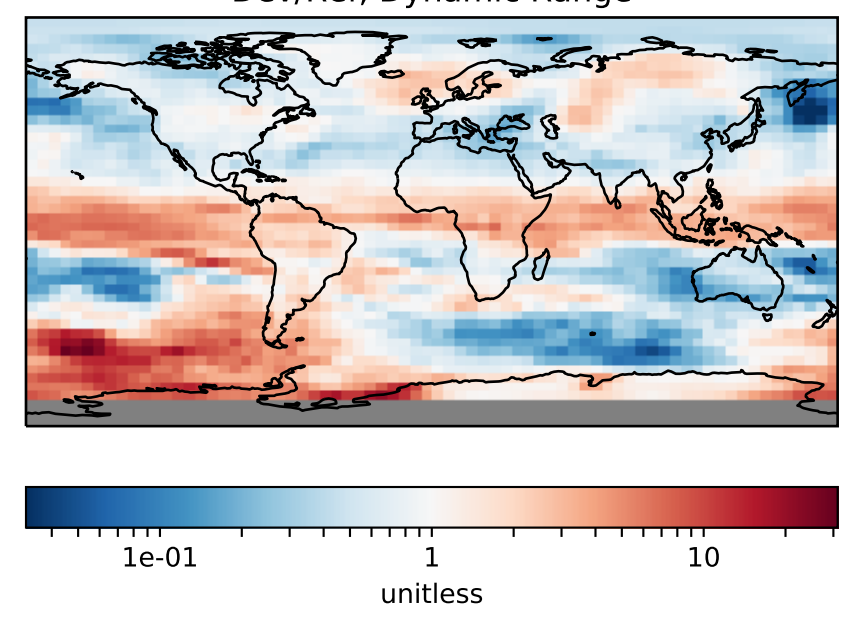
Difference
Dev - Ref, Dynamic Range



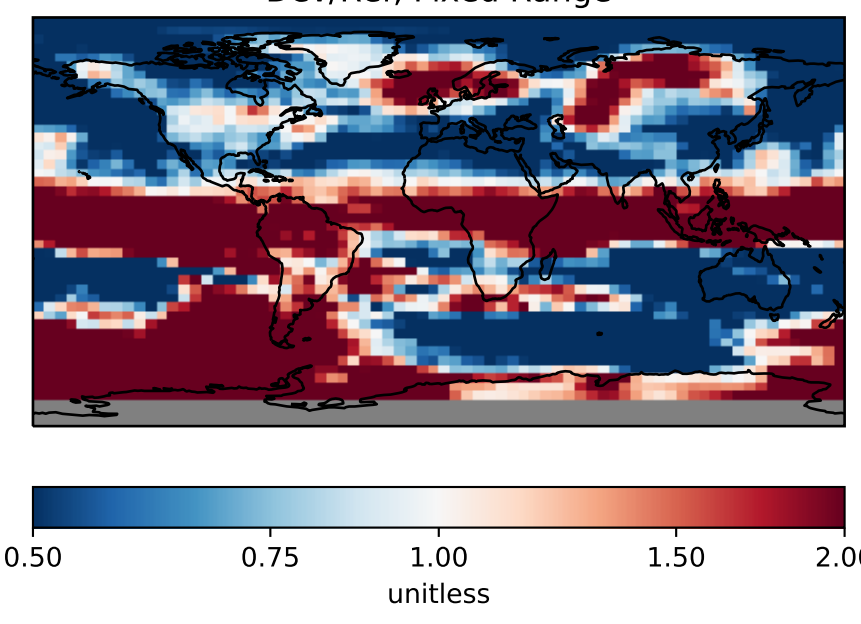
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

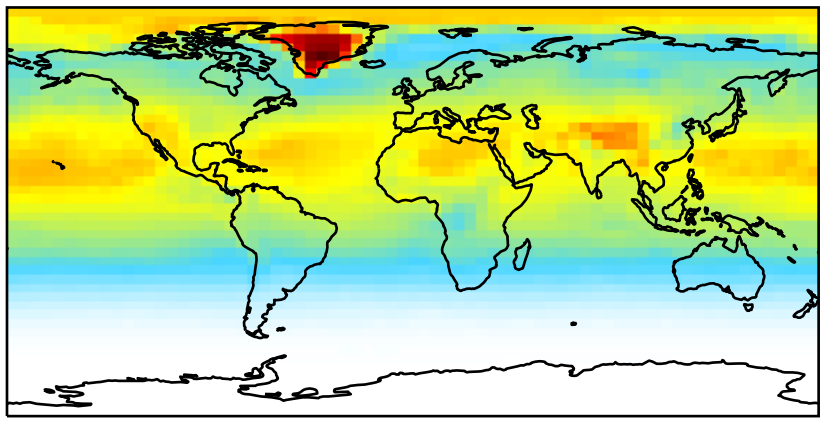


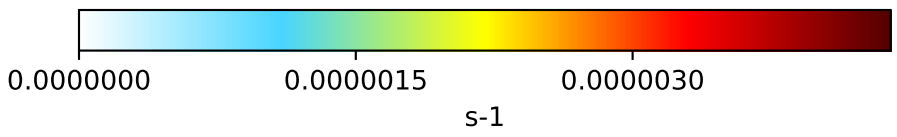
Ratio
Dev/Ref, Fixed Range



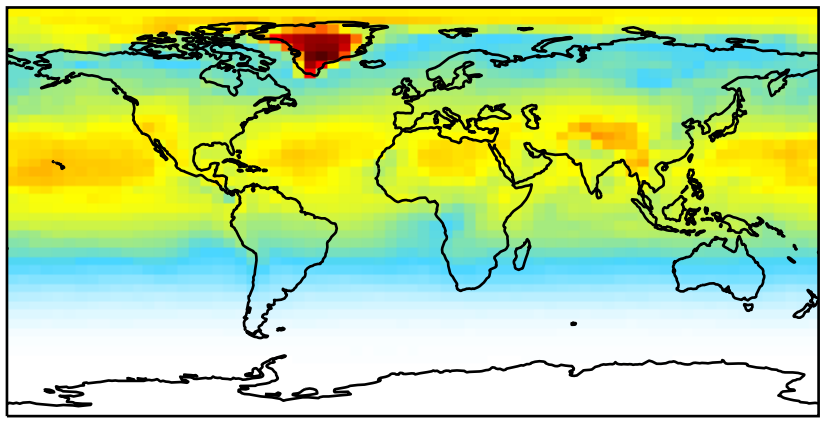
Jval_CH3I (Jul2019)

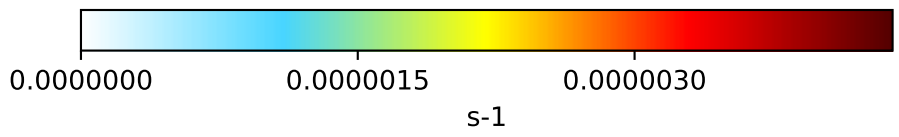
GCC_12.9.0 (Ref)
4.0x5.0



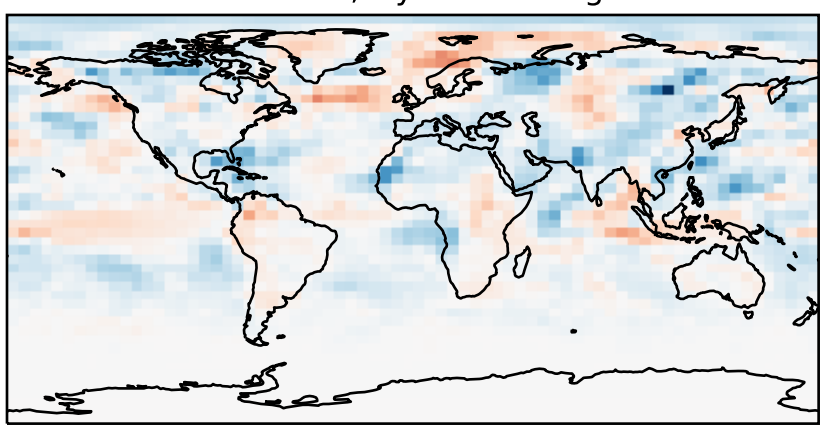


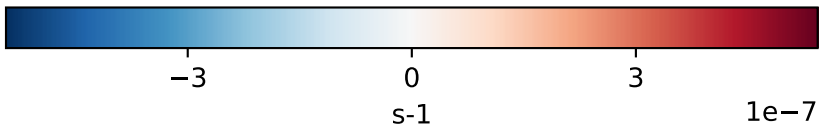
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



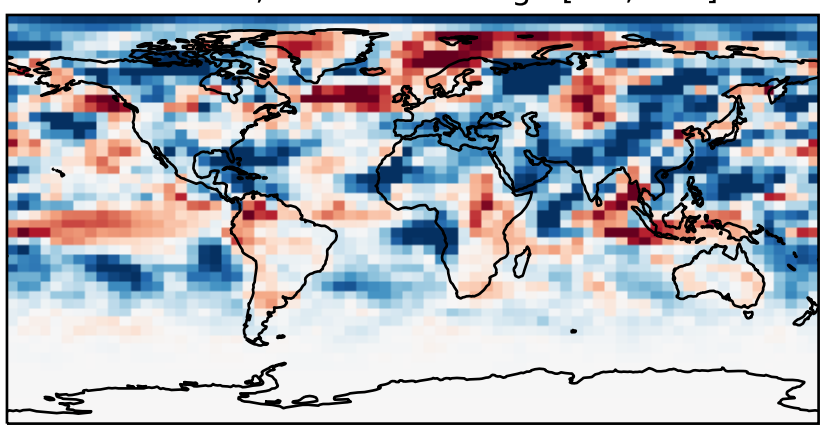


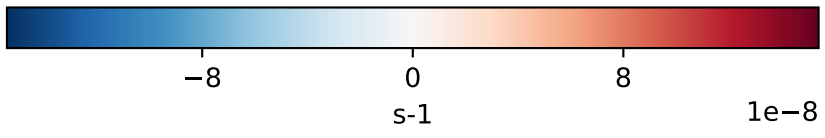
Difference
Dev - Ref, Dynamic Range



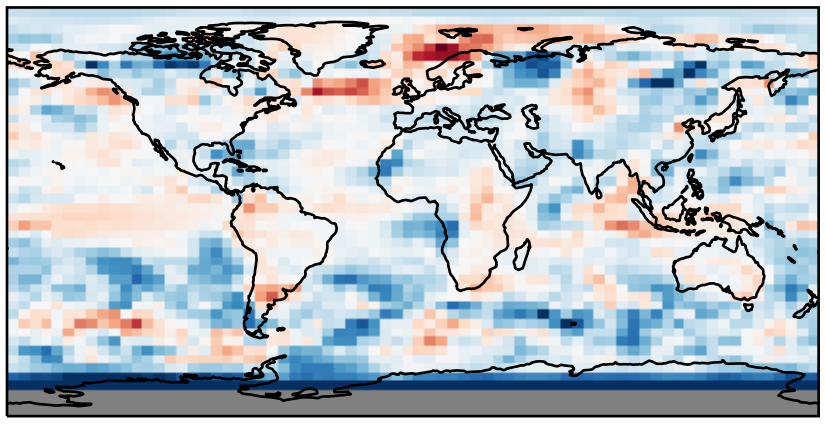


Difference
Dev - Ref, Restricted Range [5%,95%]



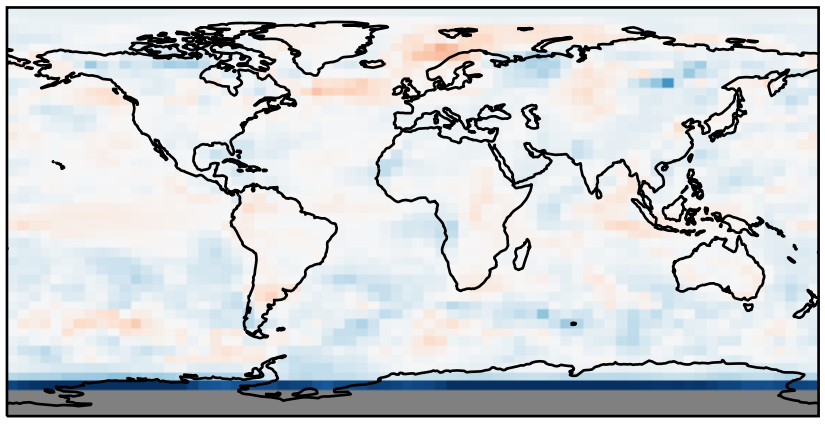


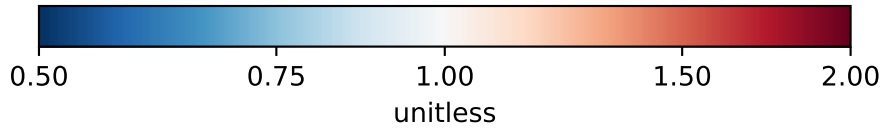
Ratio
Dev/Ref, Dynamic Range





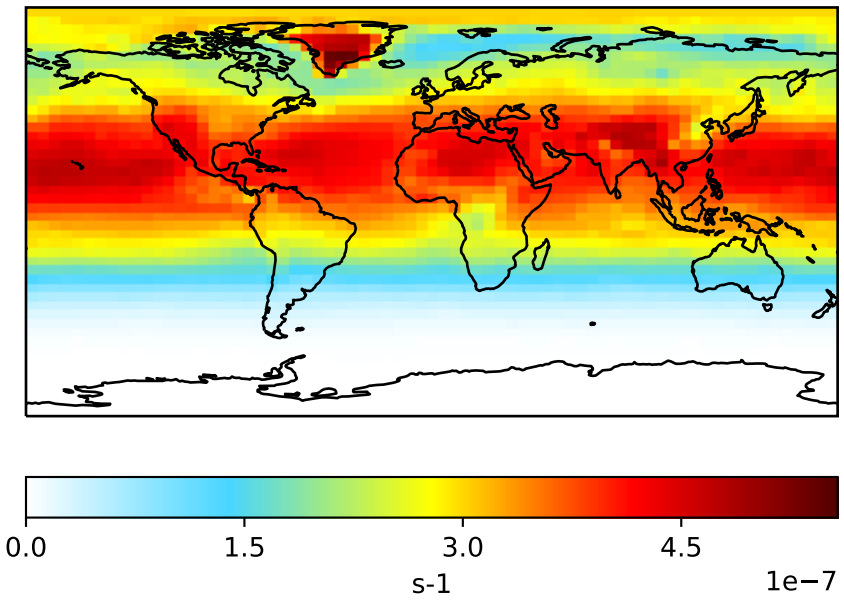
Ratio
Dev/Ref, Fixed Range



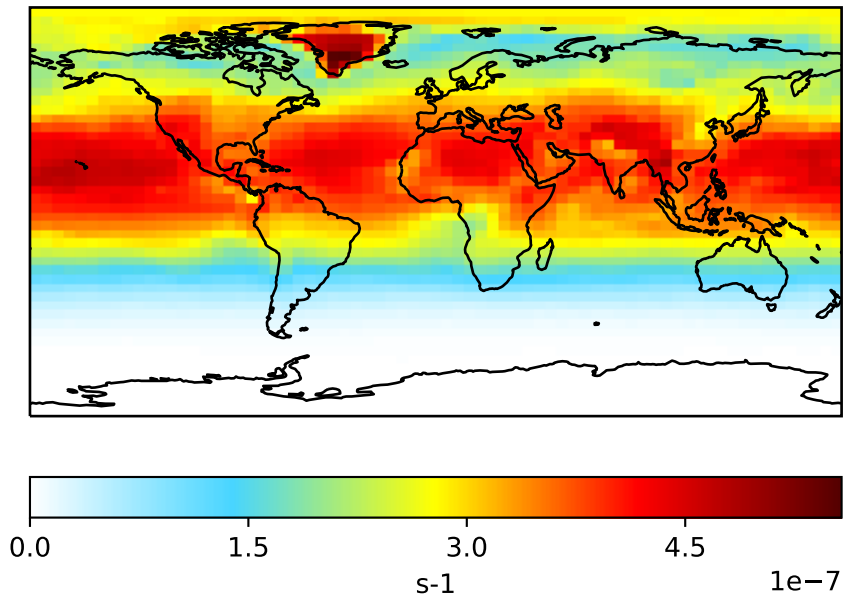


Jval_CHBr3 (Jul2019)

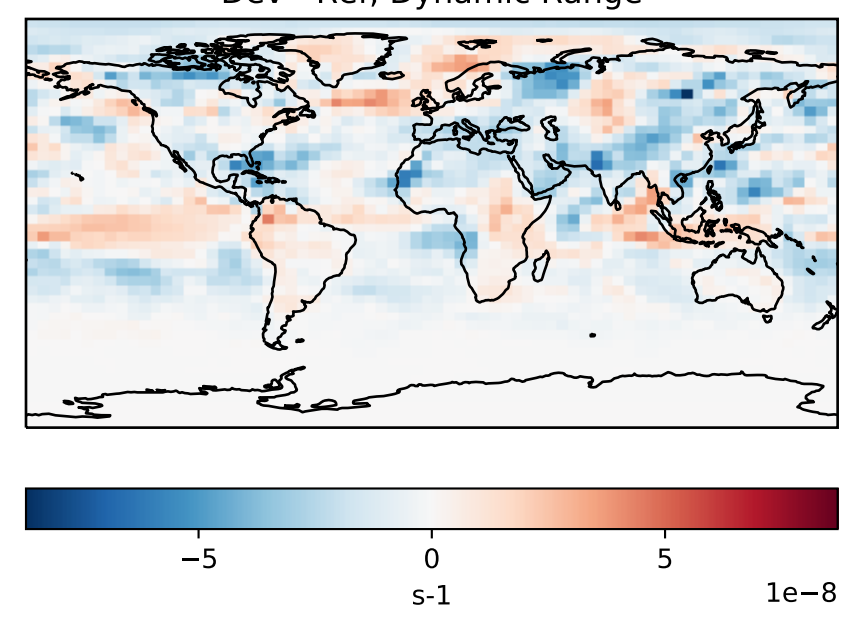
GCC_12.9.0 (Ref)
4.0x5.0



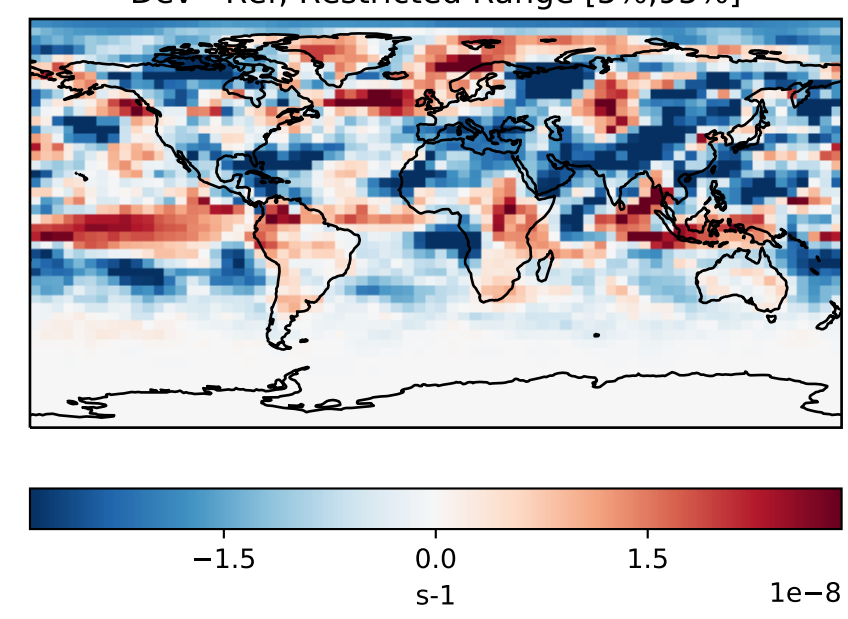
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



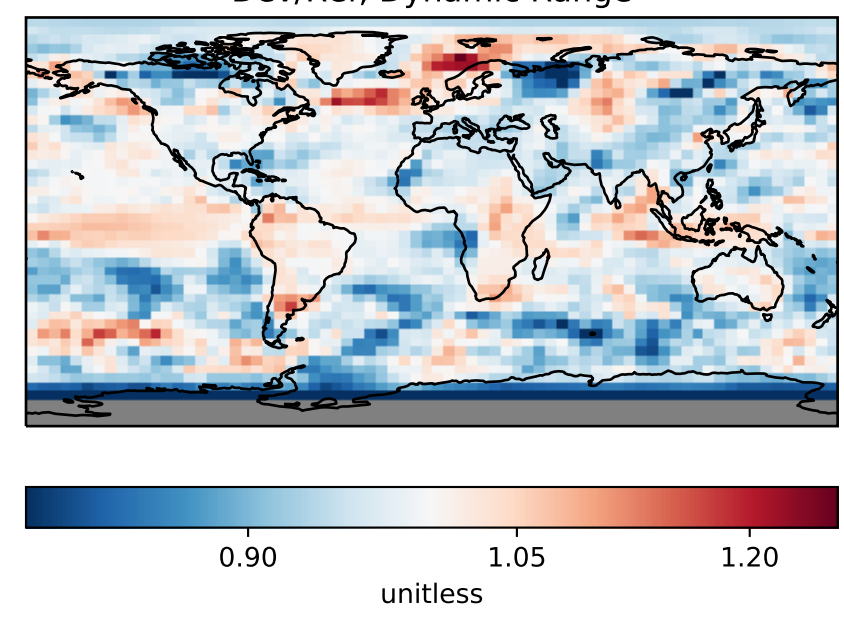
Difference
Dev - Ref, Dynamic Range



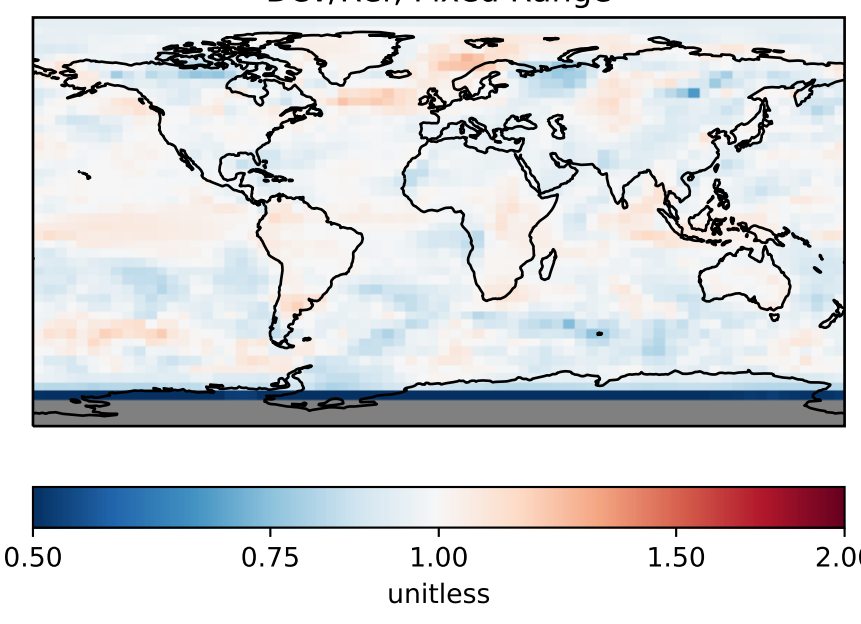
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

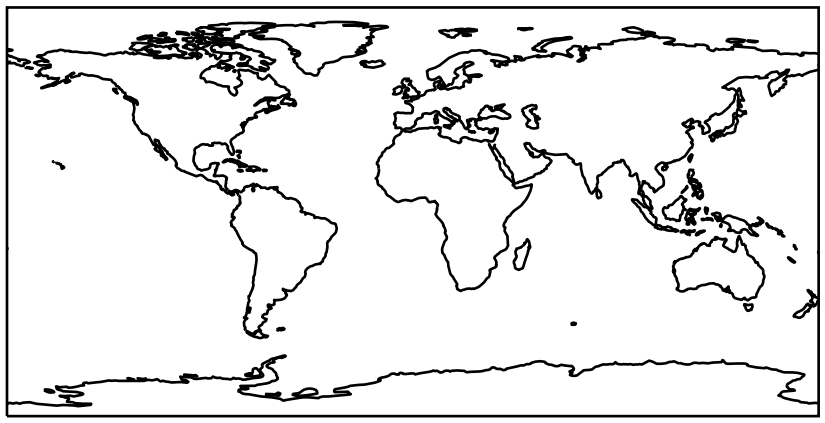


Ratio
Dev/Ref, Fixed Range



Jval_CHCl3 (Jul2019)

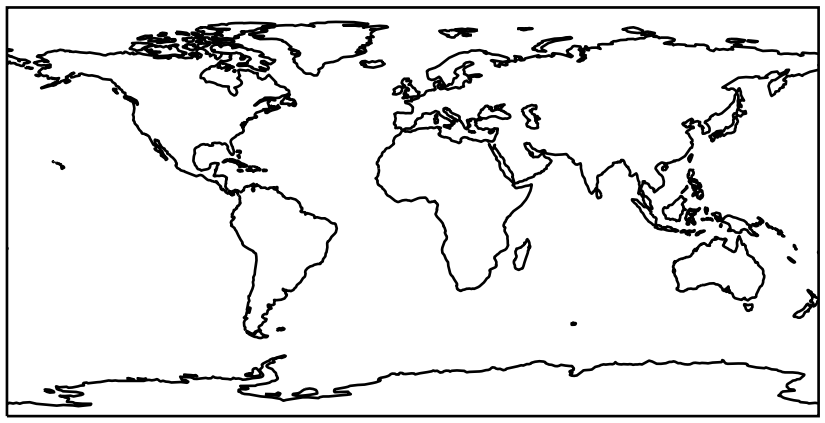
GCC_12.9.0 (Ref)
4.0x5.0





Zero throughout domain
s-1

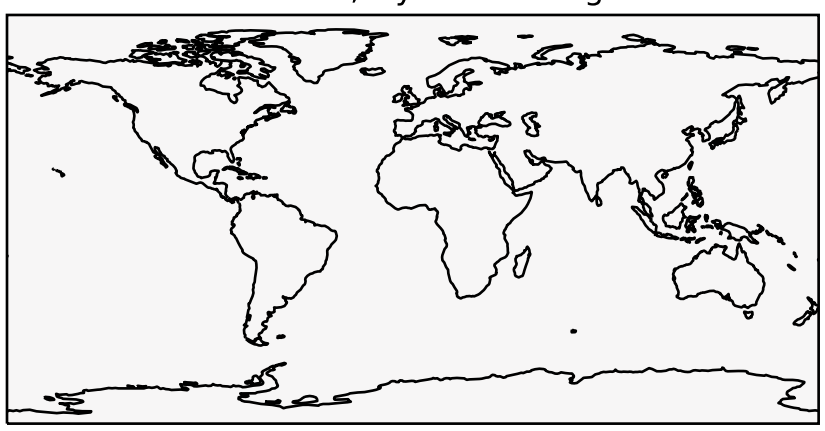
GCC_13.0.0-beta.1 (Dev)
4.0x5.0





Zero throughout domain
s-1

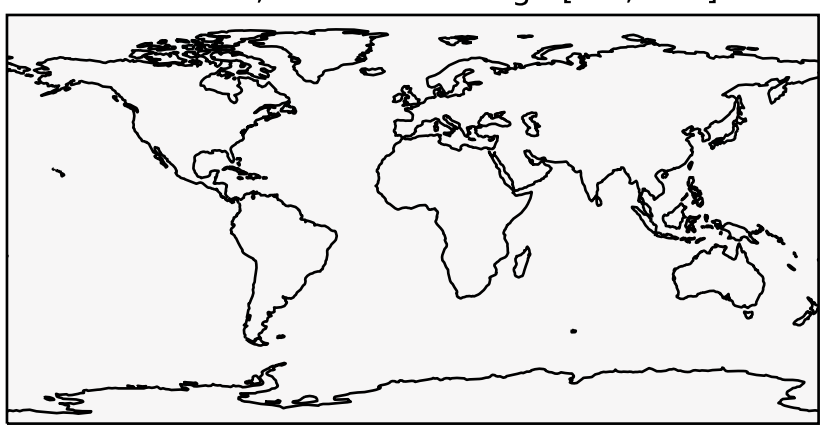
Difference
Dev - Ref, Dynamic Range





Zero throughout domain
s-1

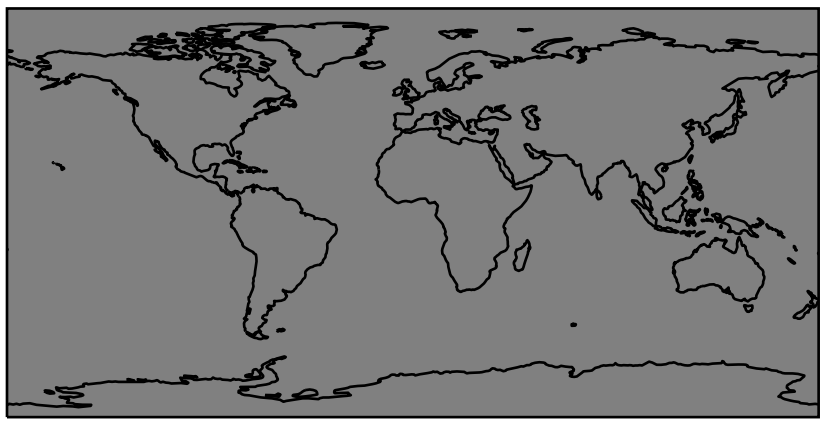
Difference
Dev - Ref, Restricted Range [5%,95%]





Zero throughout domain
s-1

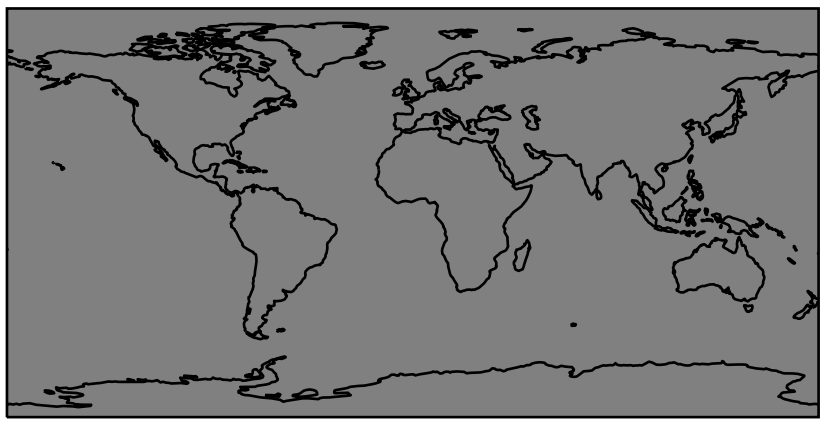
Ratio
Dev/Ref, Dynamic Range





Undefined throughout domain
unitless

Ratio
Dev/Ref, Fixed Range

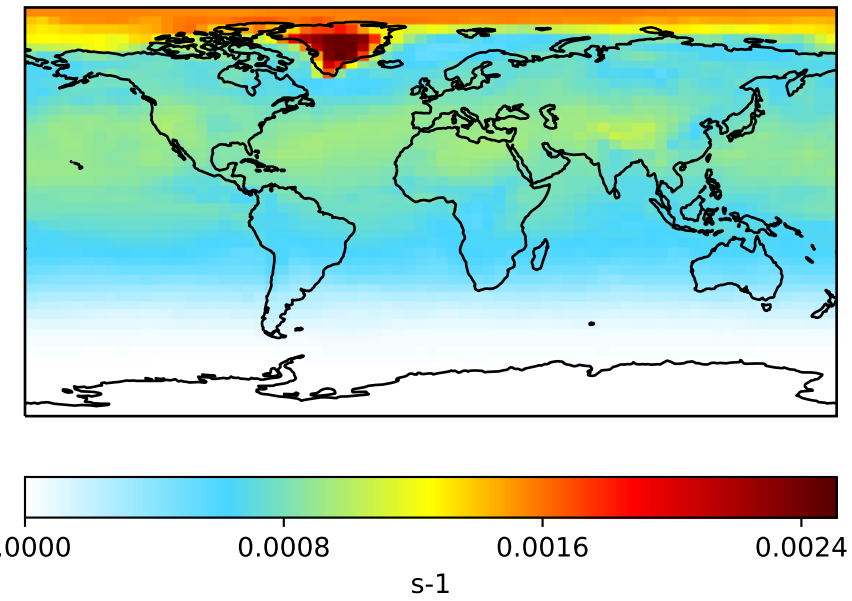




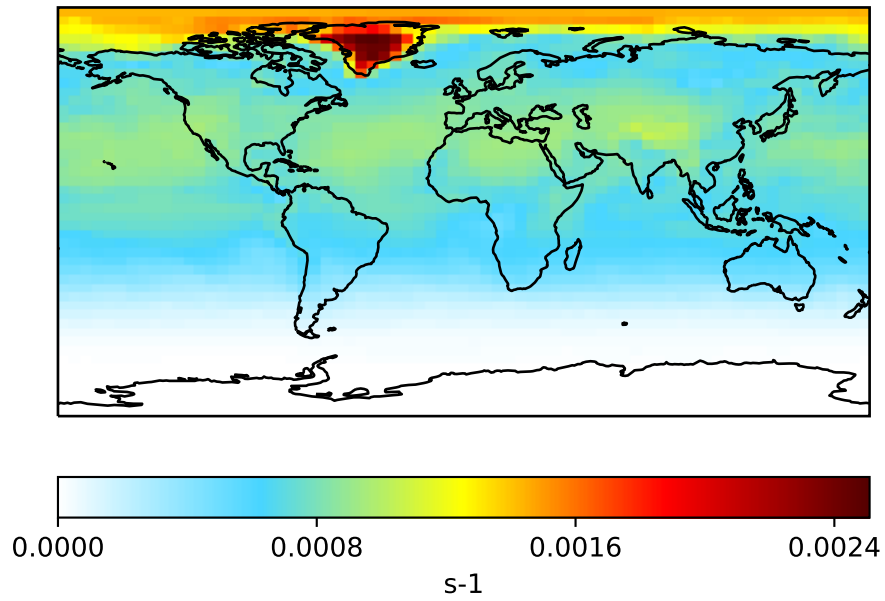
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Jval_Cl2 (Jul2019)

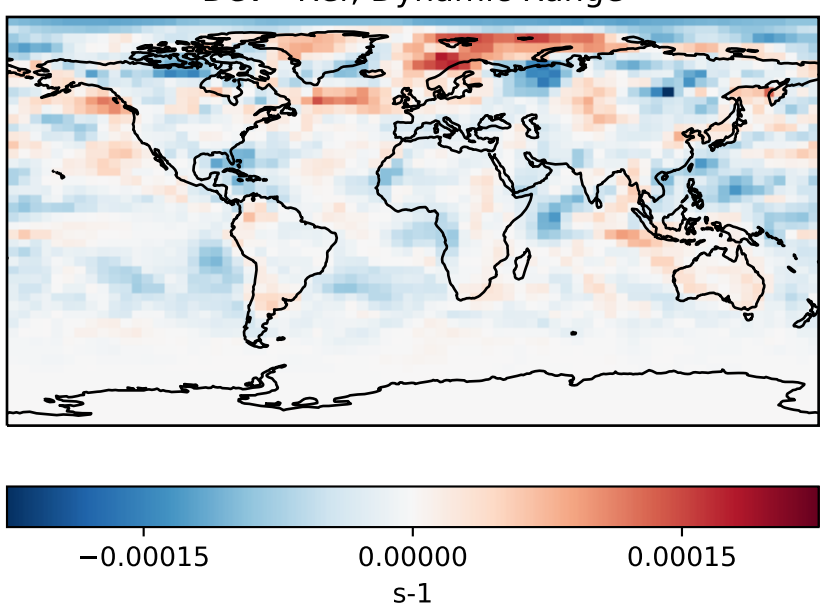
GCC_12.9.0 (Ref)
4.0x5.0



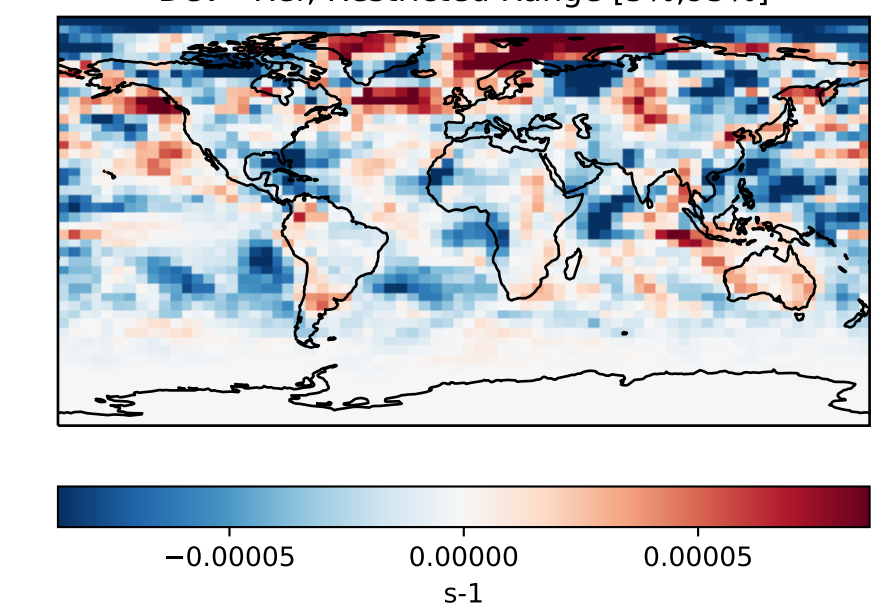
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



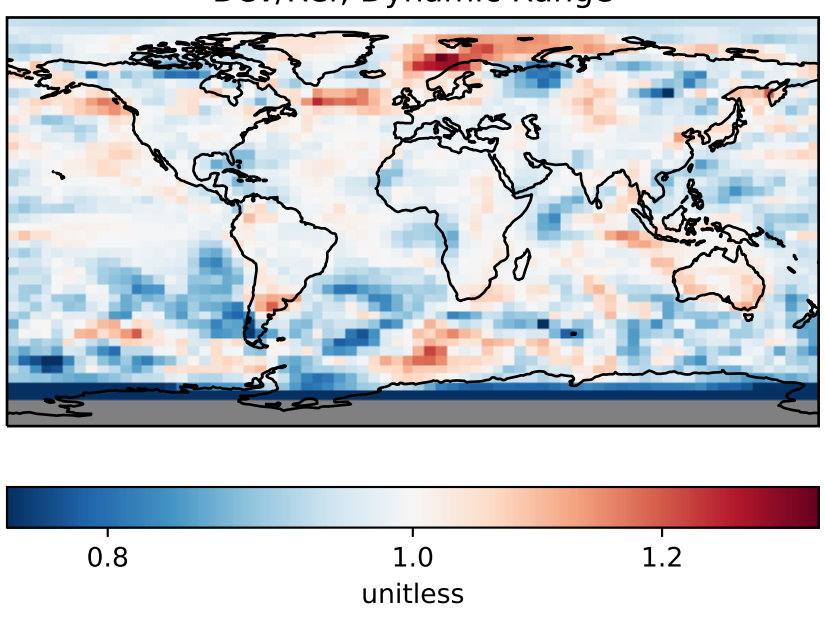
Difference
Dev - Ref, Dynamic Range



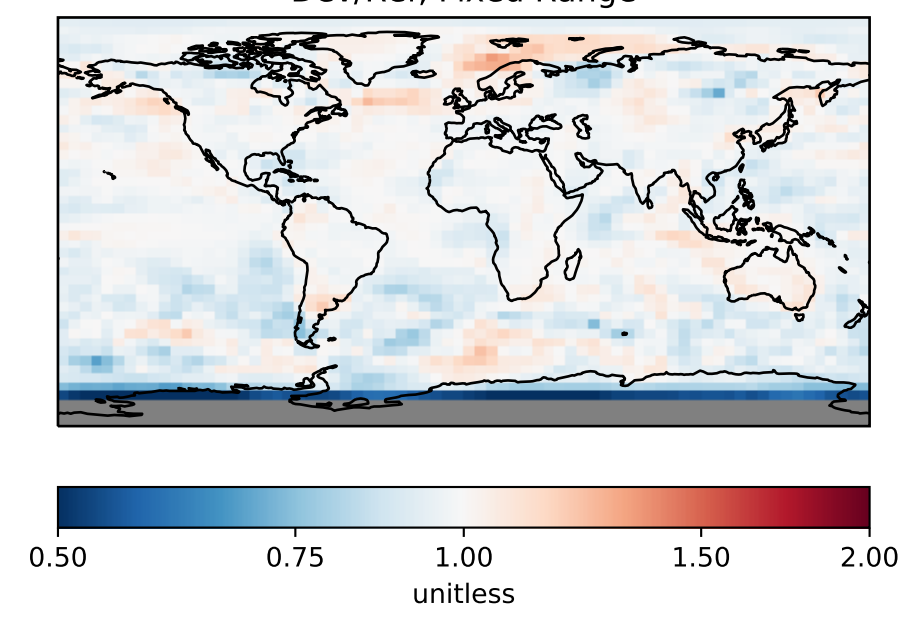
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

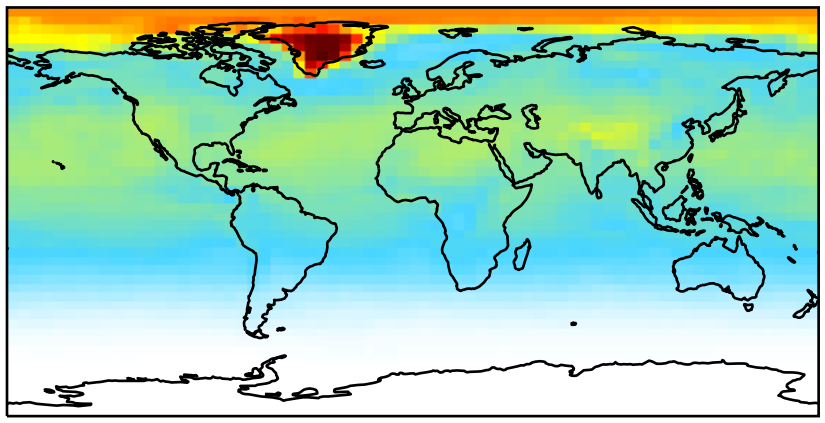


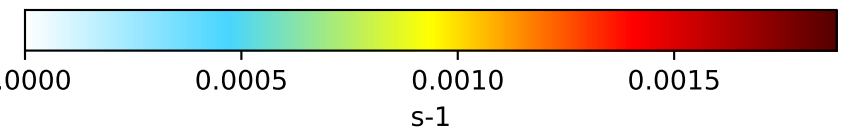
Ratio
Dev/Ref, Fixed Range



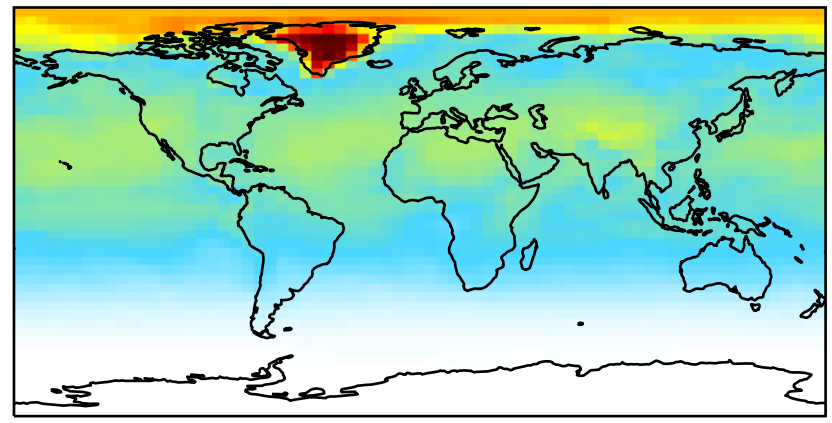
Jval_Cl2O2 (Jul2019)

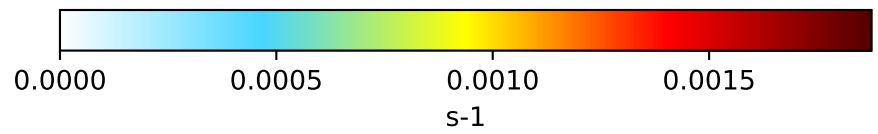
GCC_12.9.0 (Ref)
4.0x5.0



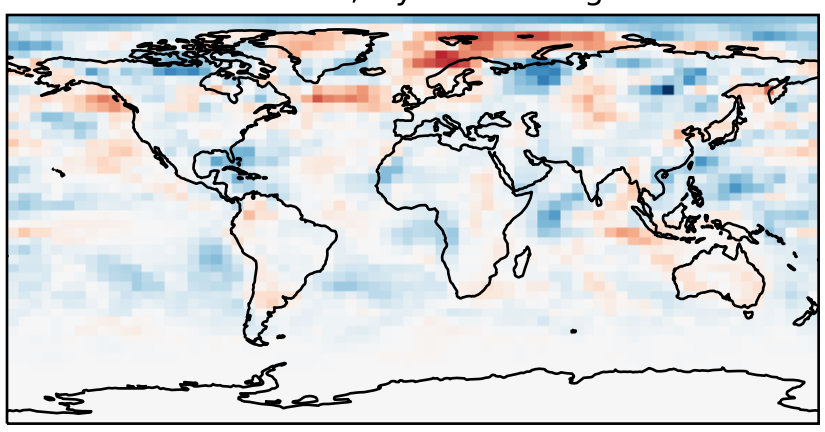


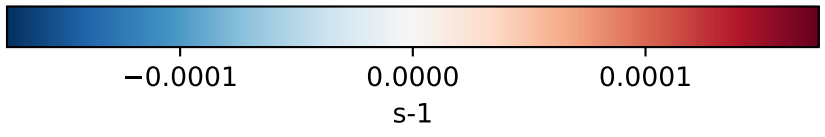
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



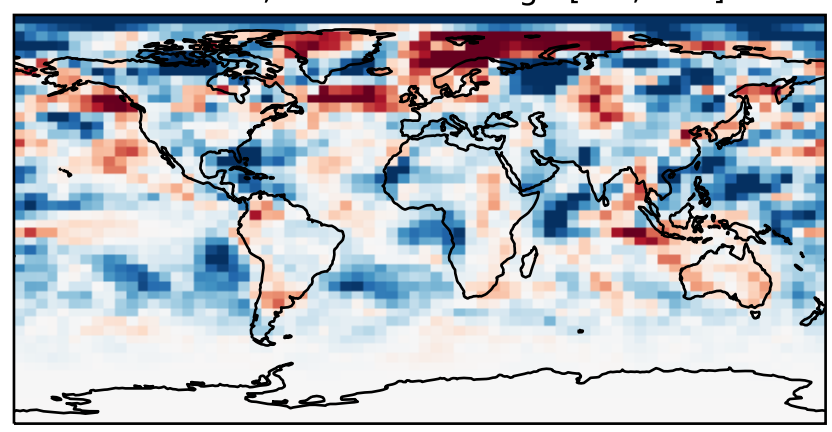


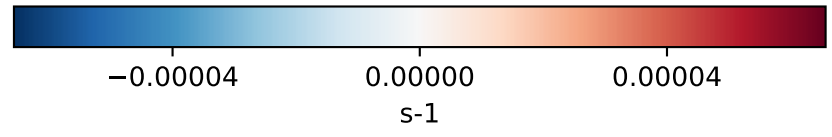
Difference
Dev - Ref, Dynamic Range



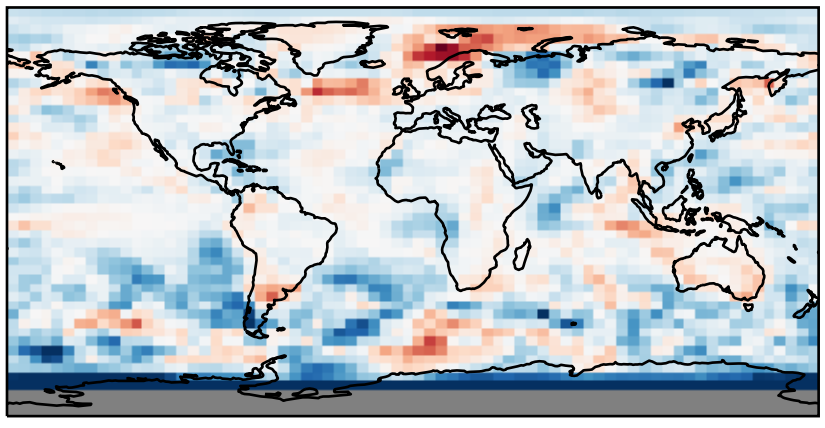


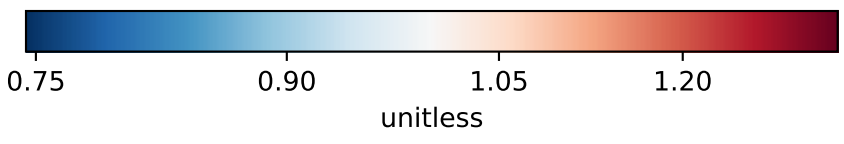
Difference
Dev - Ref, Restricted Range [5%,95%]



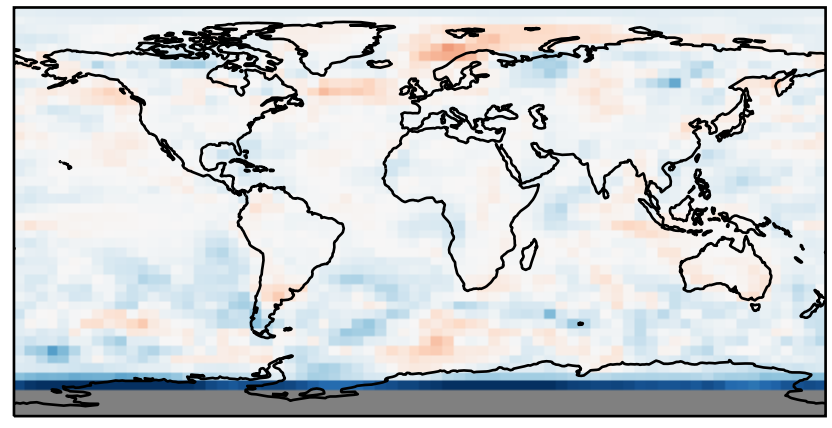


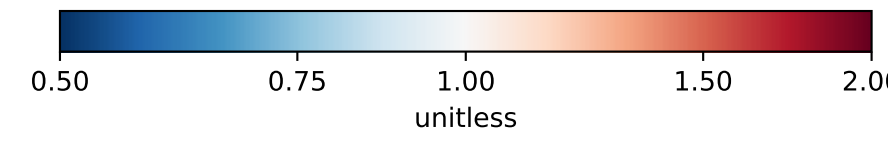
Ratio
Dev/Ref, Dynamic Range





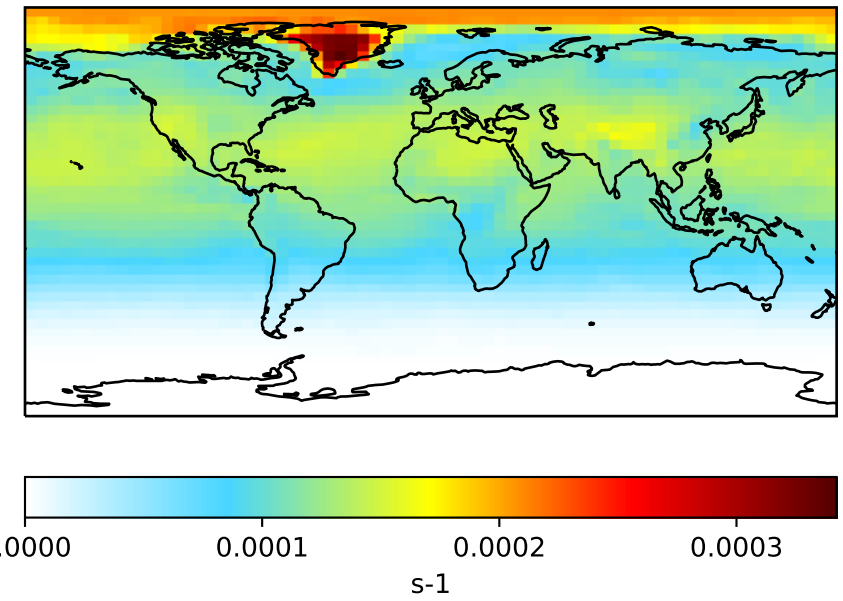
Ratio
Dev/Ref, Fixed Range



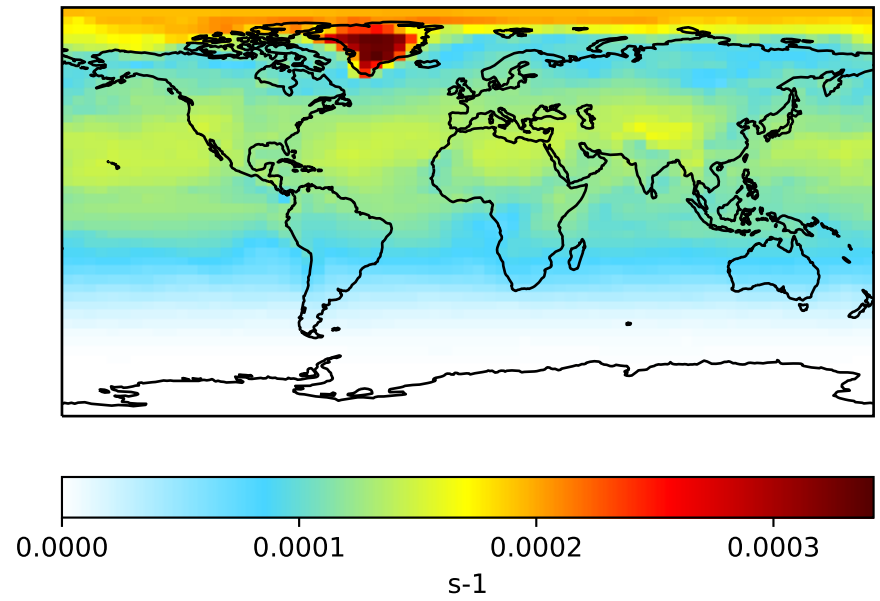


Jval_ClNO2 (Jul2019)

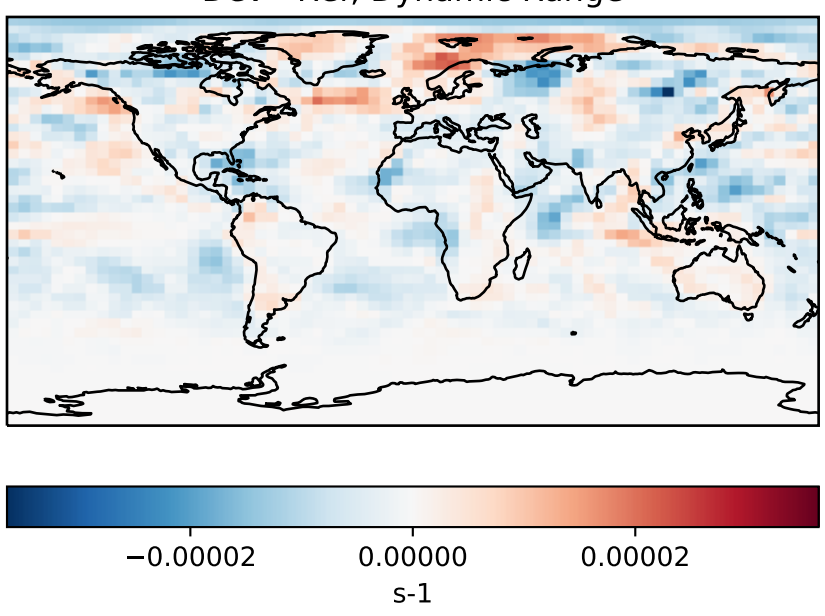
GCC_12.9.0 (Ref)
4.0x5.0



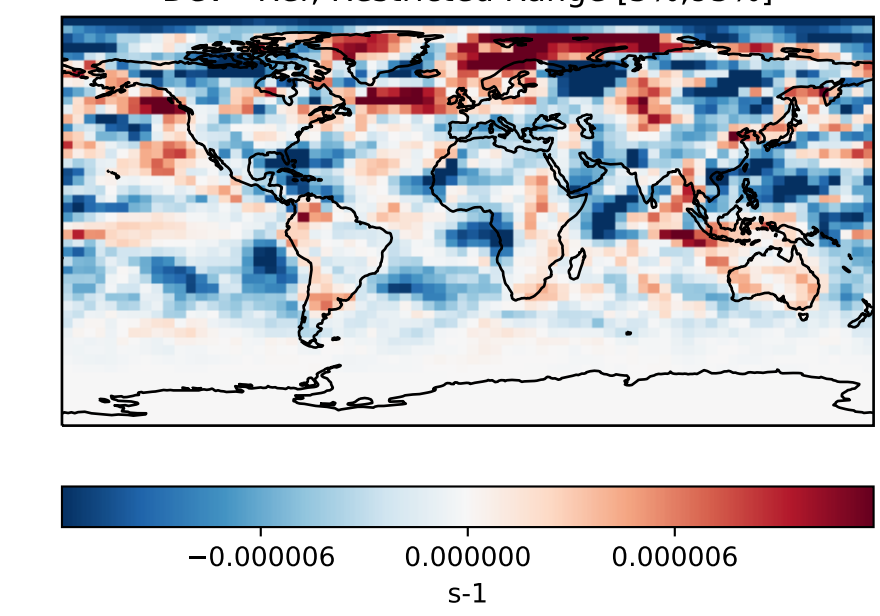
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



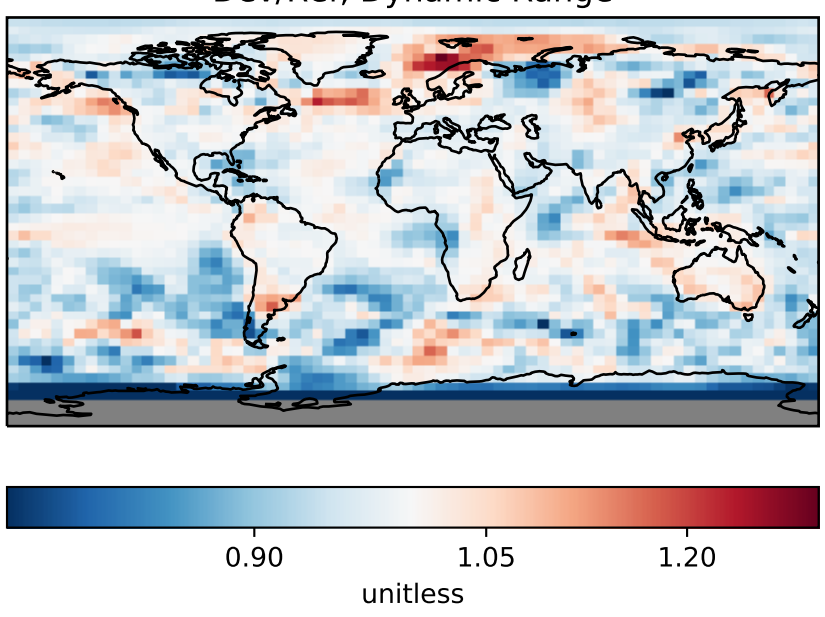
Difference
Dev - Ref, Dynamic Range



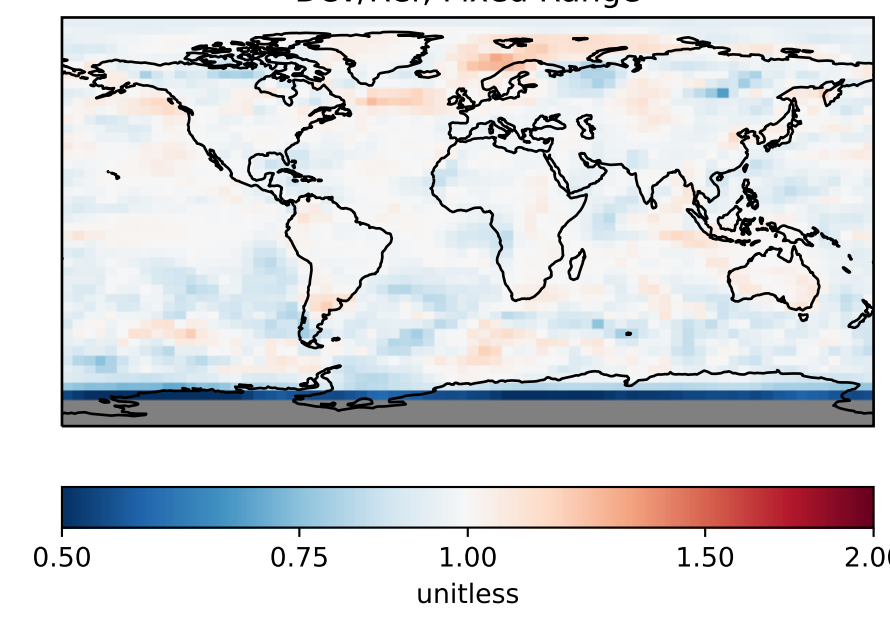
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

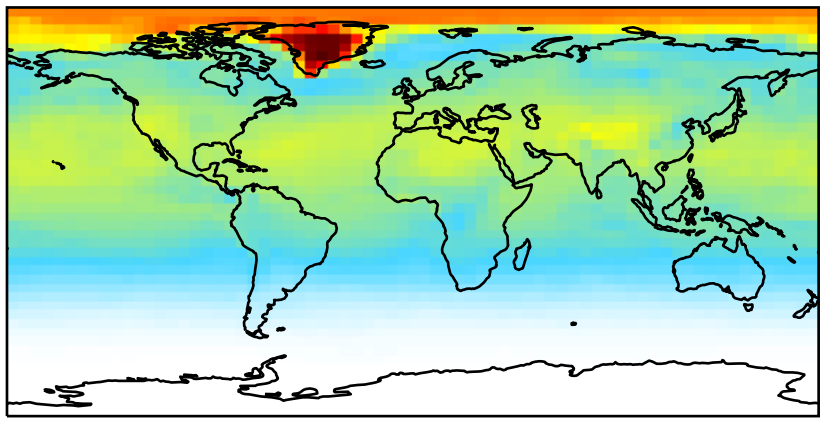


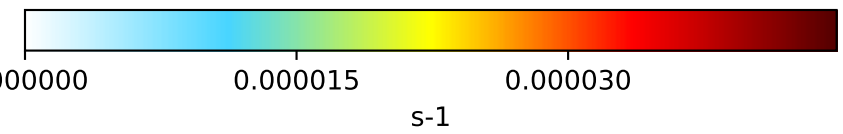
Ratio
Dev/Ref, Fixed Range



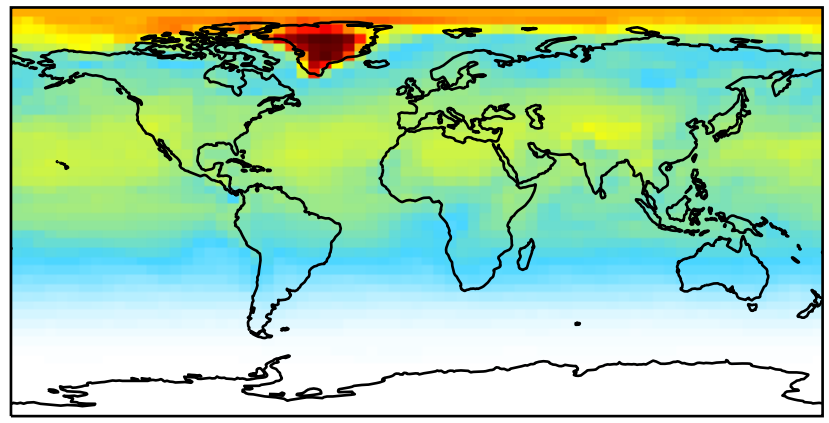
Jval_ClNO3 (Jul2019)

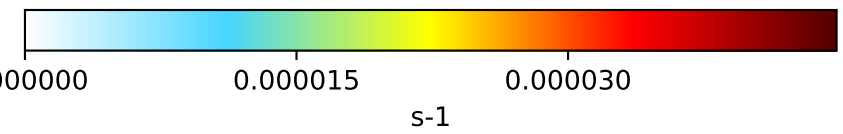
GCC_12.9.0 (Ref)
4.0x5.0



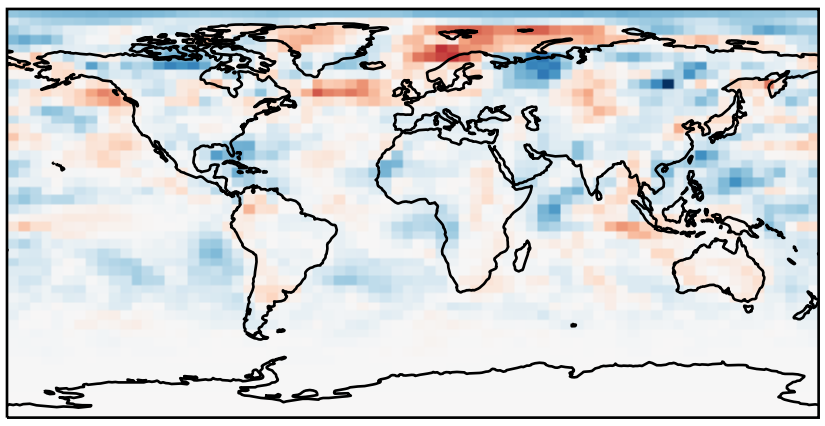


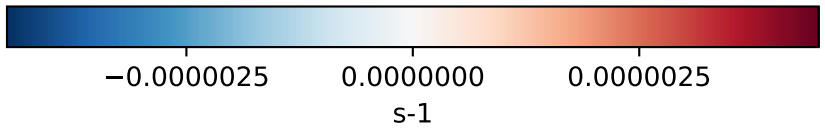
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



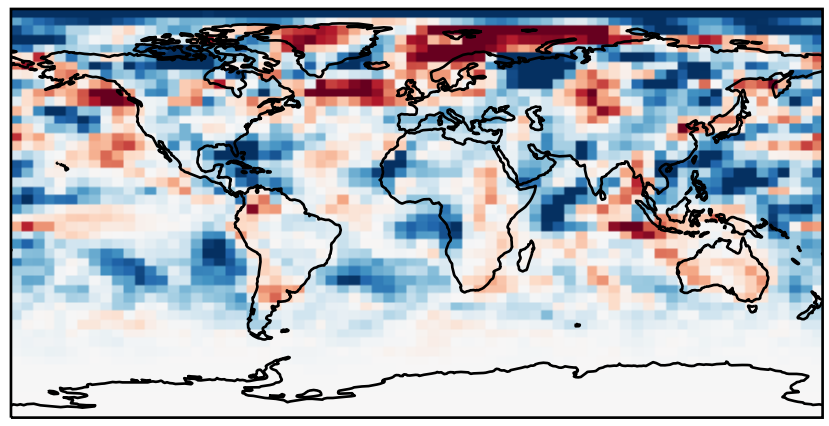


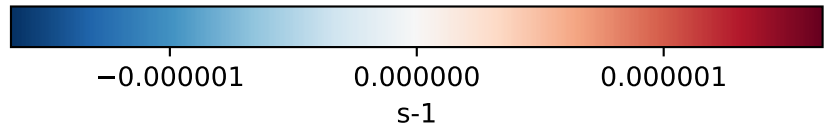
Difference
Dev - Ref, Dynamic Range



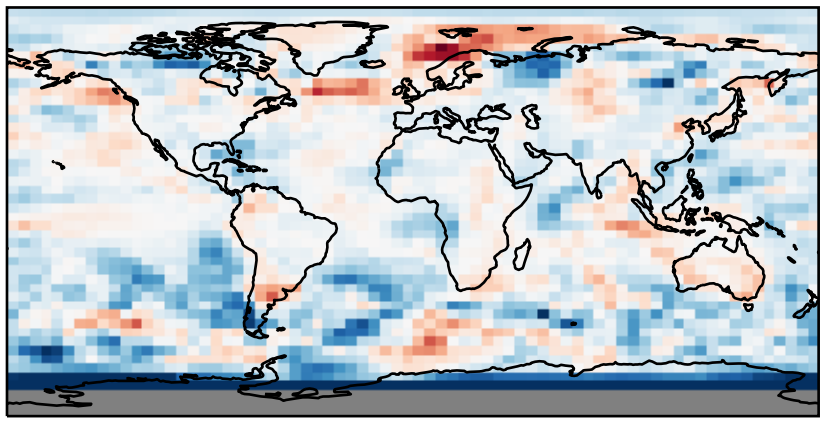


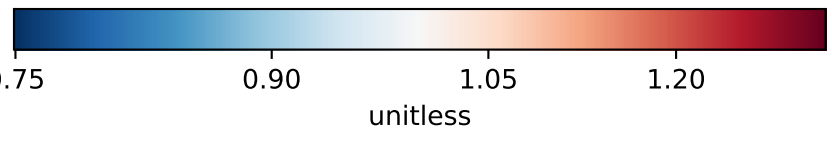
Difference
Dev - Ref, Restricted Range [5%,95%]



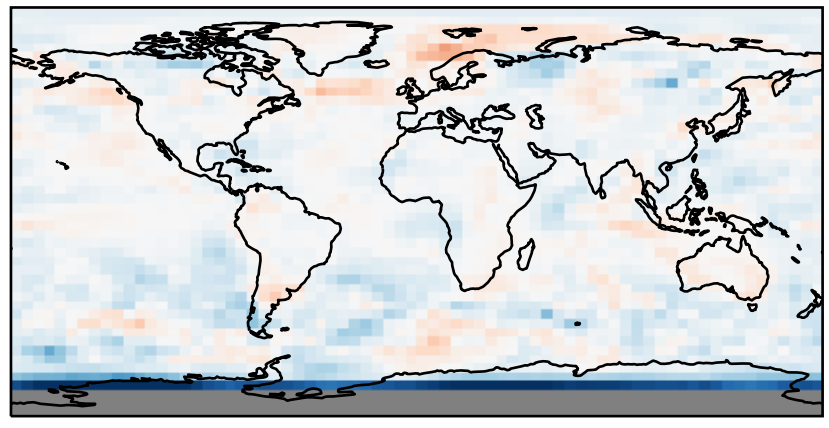


Ratio
Dev/Ref, Dynamic Range





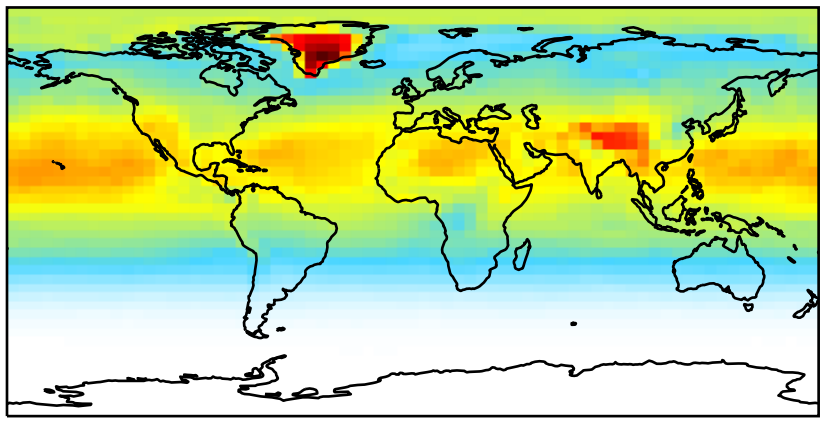
Ratio
Dev/Ref, Fixed Range

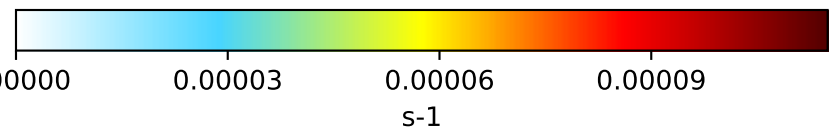




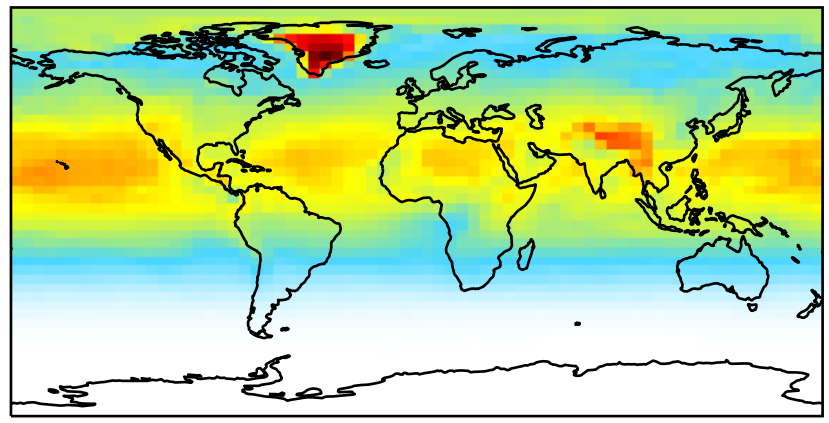
Jval_ClO (Jul2019)

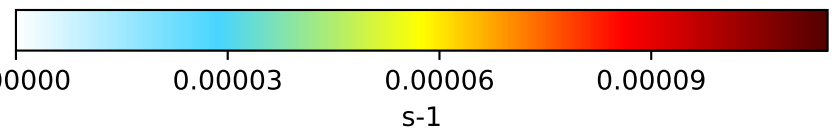
GCC_12.9.0 (Ref)
4.0x5.0



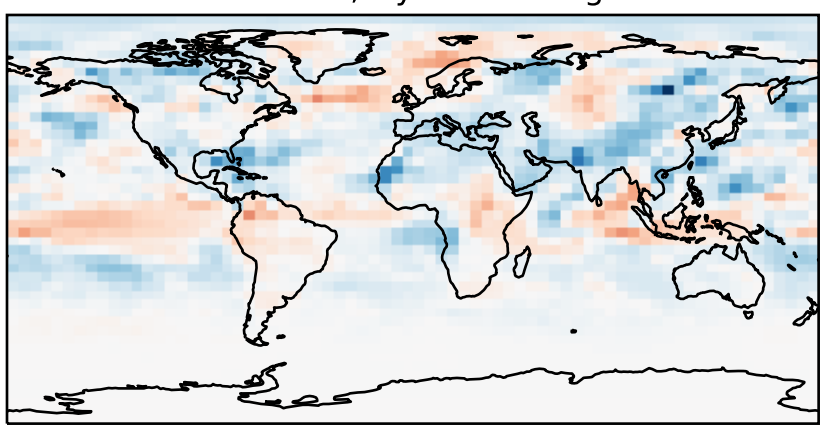


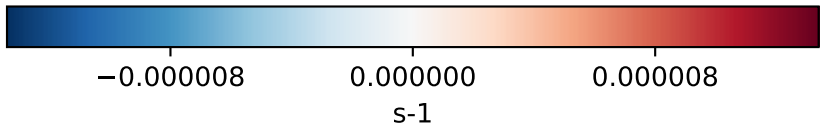
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



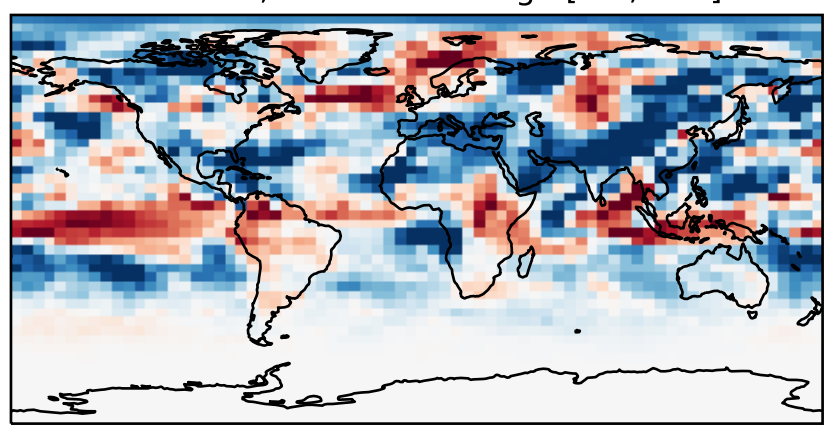


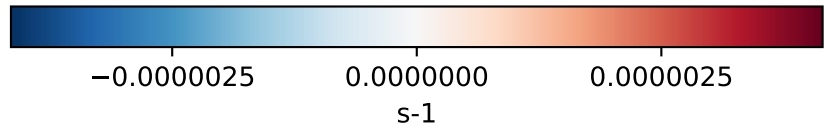
Difference
Dev - Ref, Dynamic Range



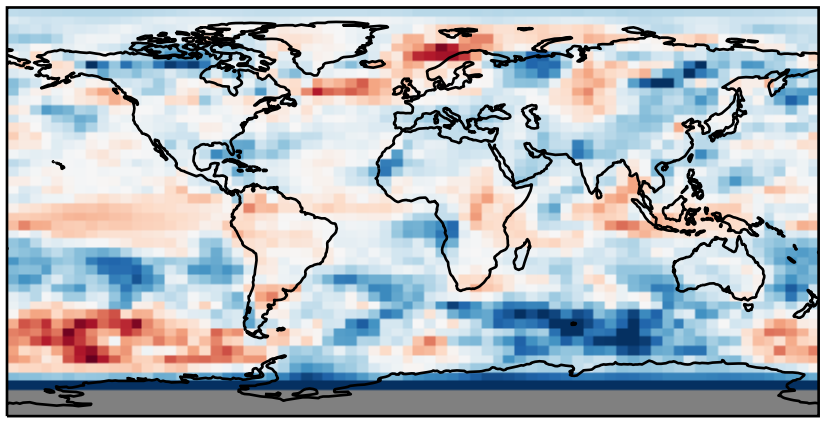


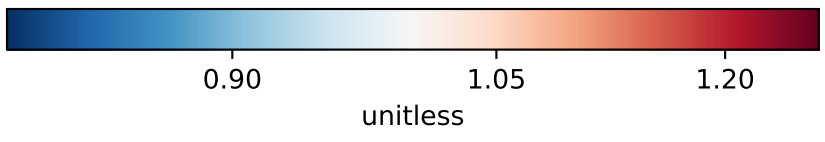
Difference
Dev - Ref, Restricted Range [5%,95%]



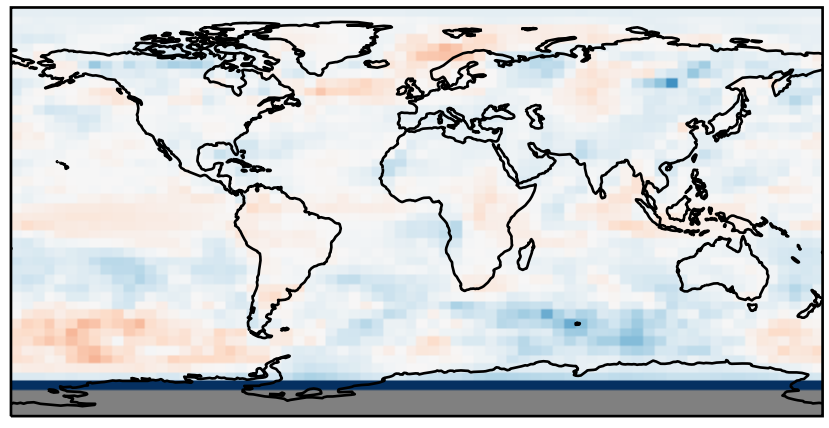


Ratio
Dev/Ref, Dynamic Range





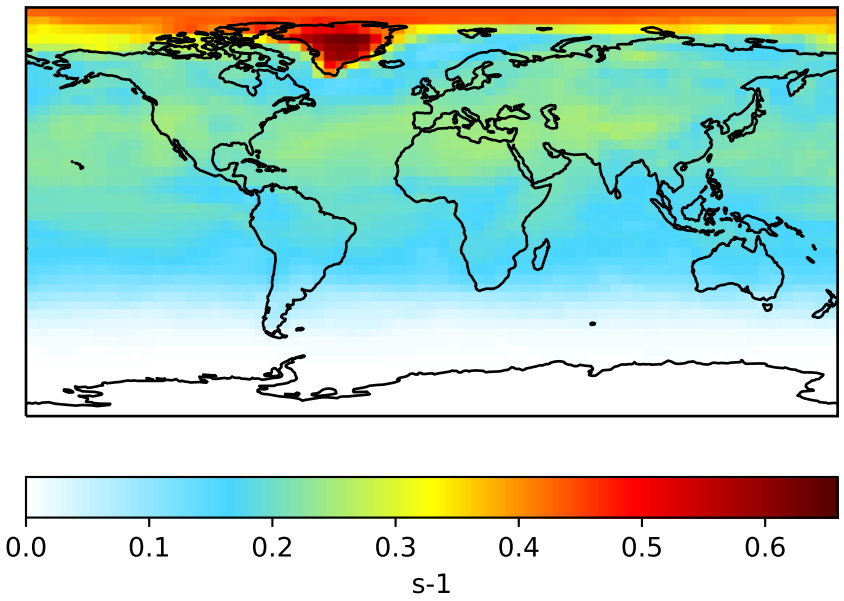
Ratio
Dev/Ref, Fixed Range



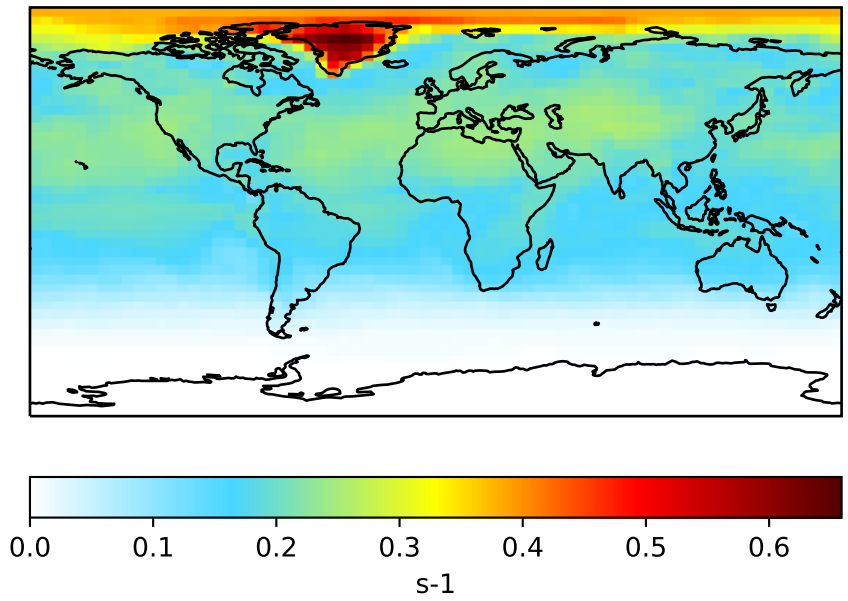


Jval_ClOO (Jul2019)

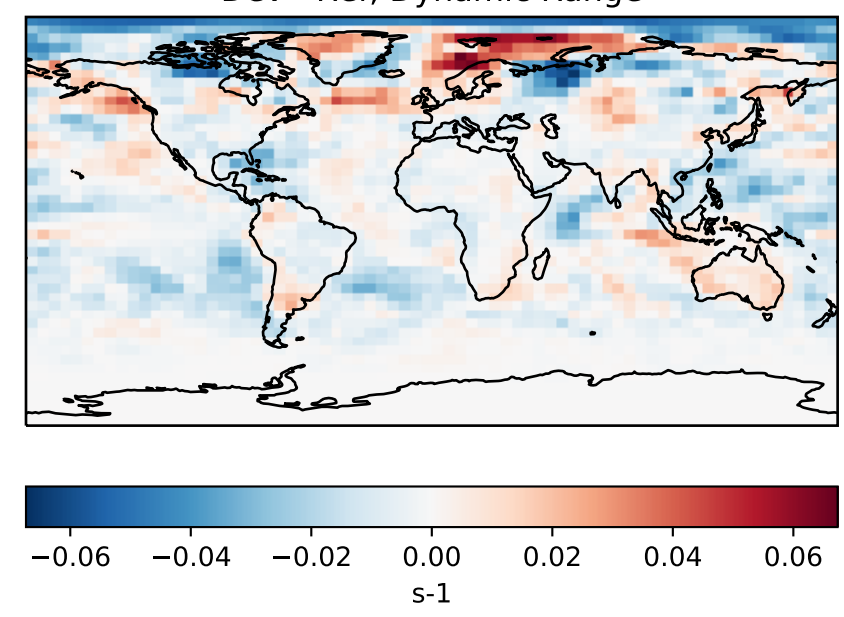
GCC_12.9.0 (Ref)
4.0x5.0



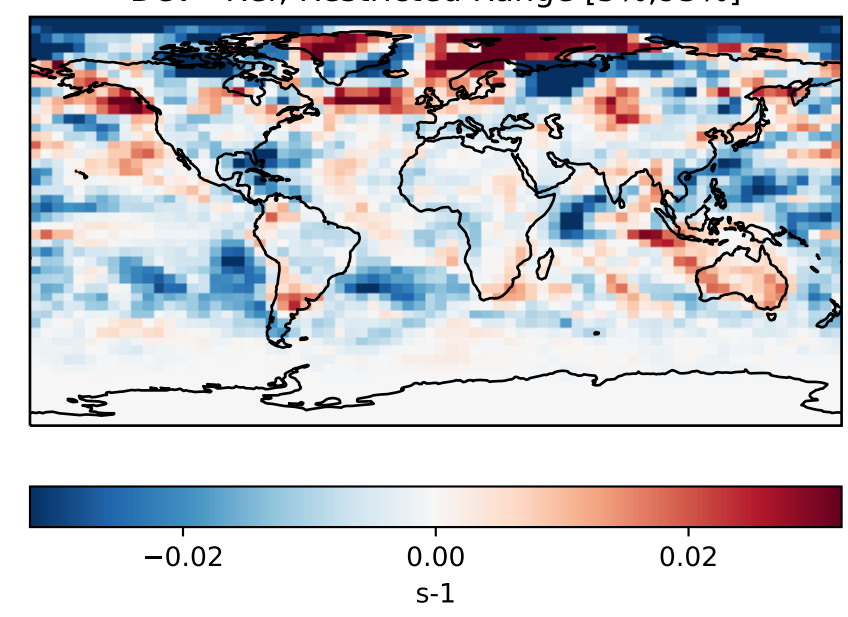
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



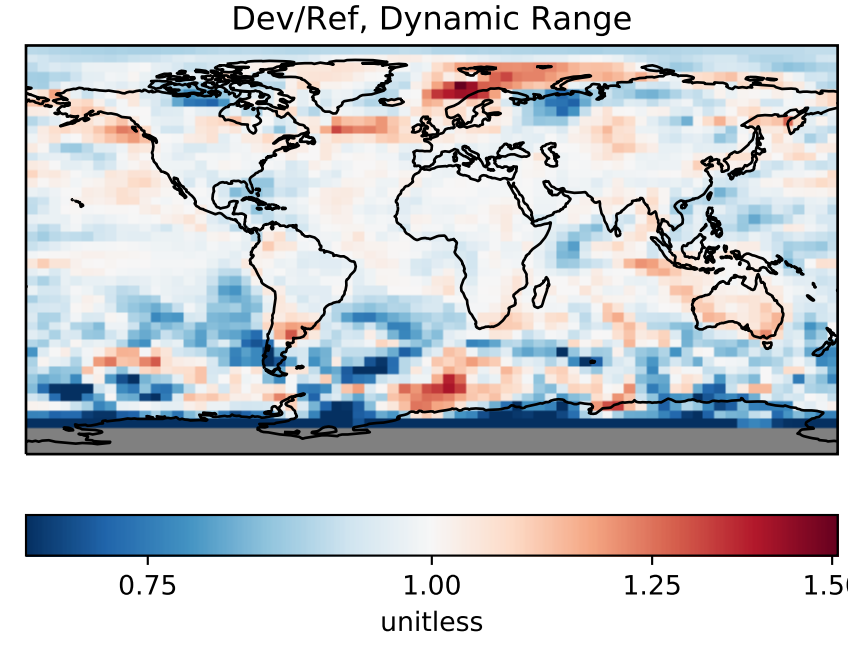
Difference
Dev - Ref, Dynamic Range



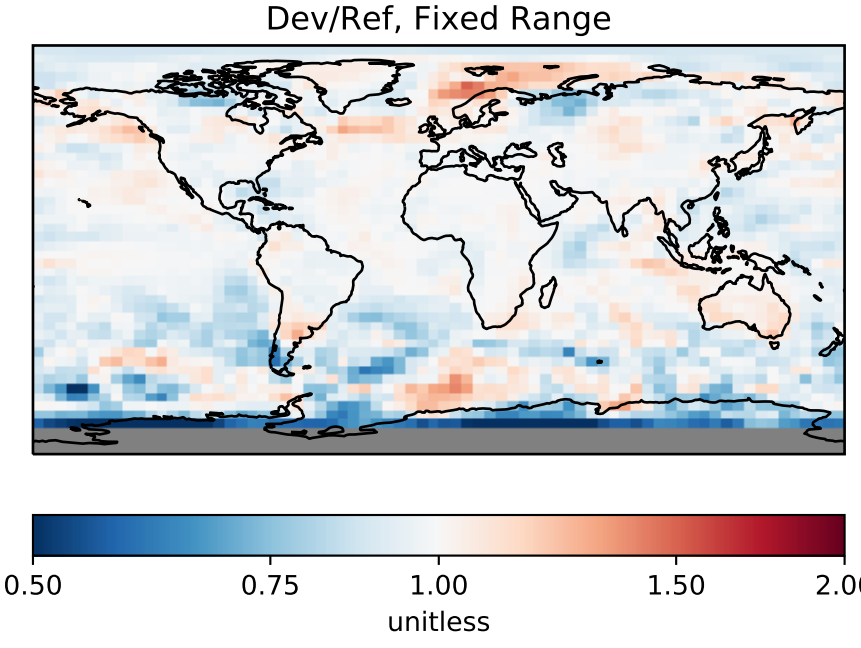
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

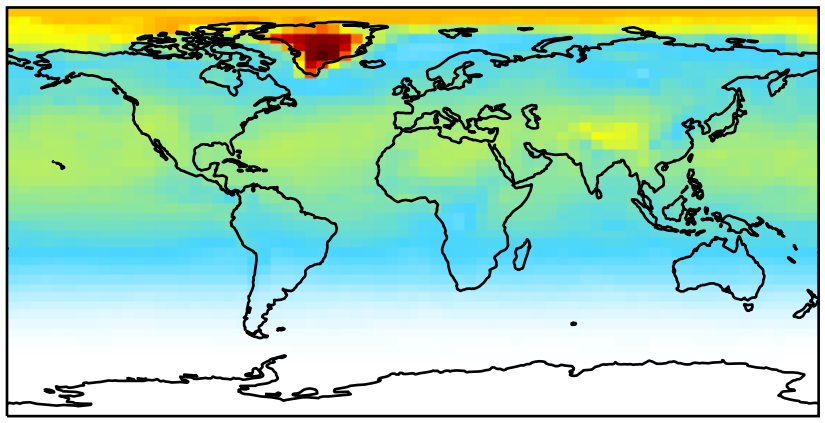


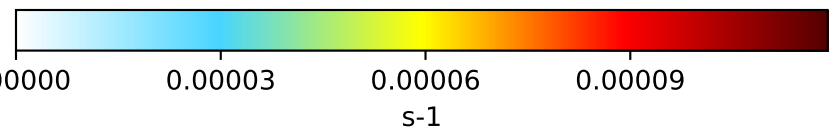
Ratio
Dev/Ref, Fixed Range



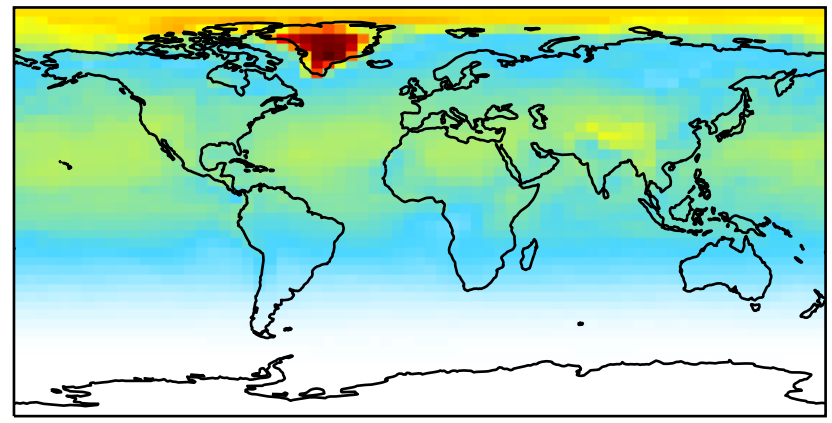
Jval_ETHLN (Jul2019)

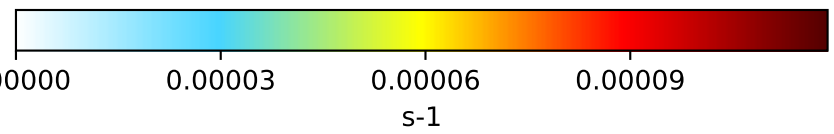
GCC_12.9.0 (Ref)
4.0x5.0



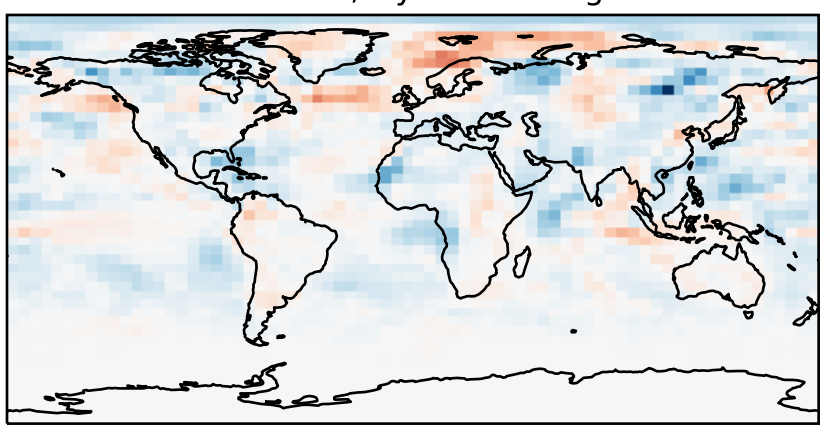


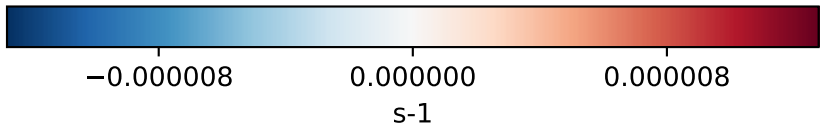
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



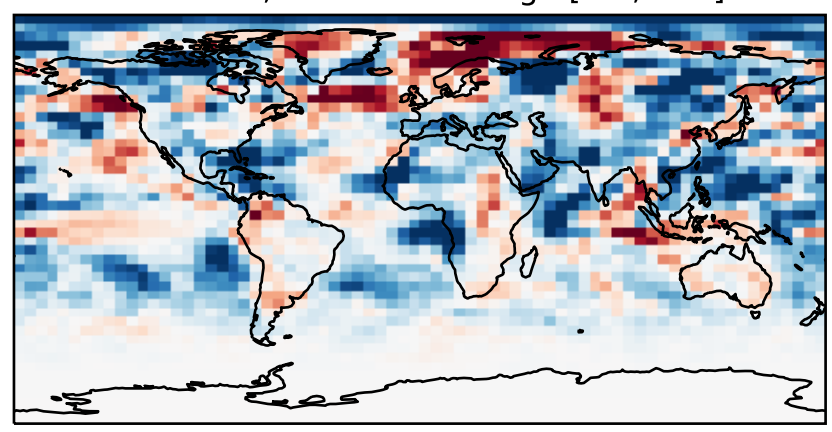


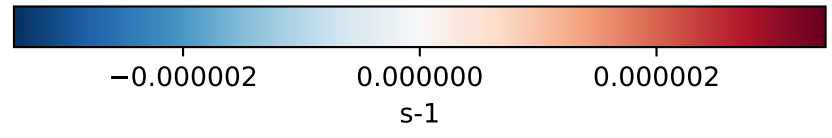
Difference
Dev - Ref, Dynamic Range



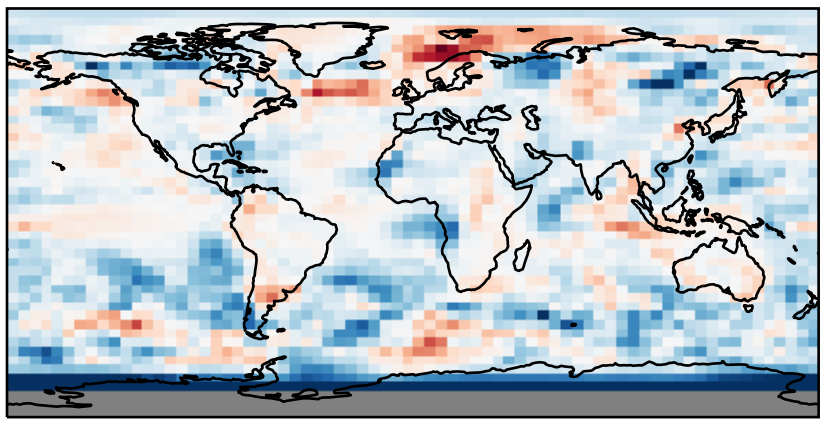


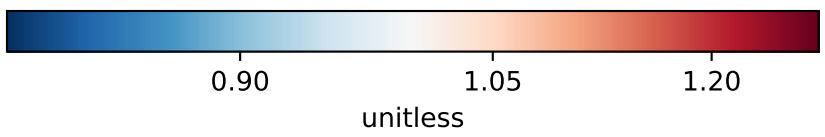
Difference
Dev - Ref, Restricted Range [5%,95%]



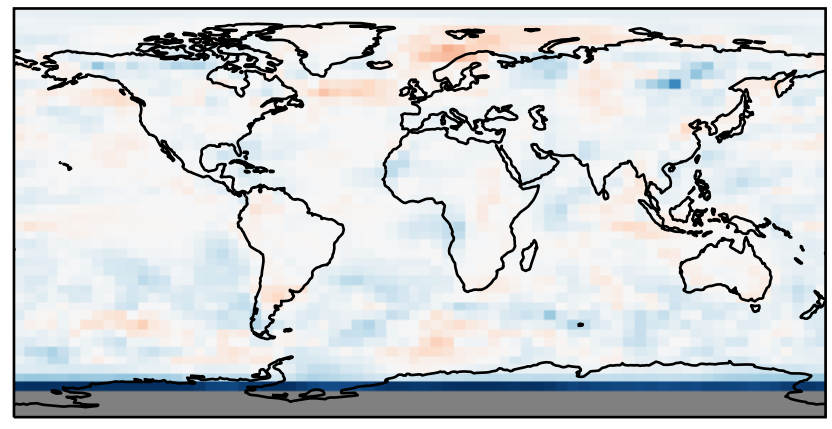


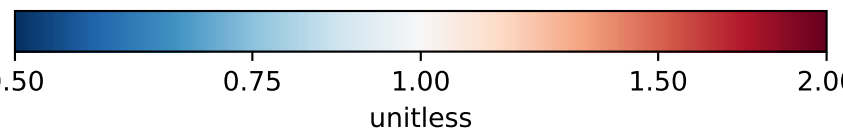
Ratio
Dev/Ref, Dynamic Range





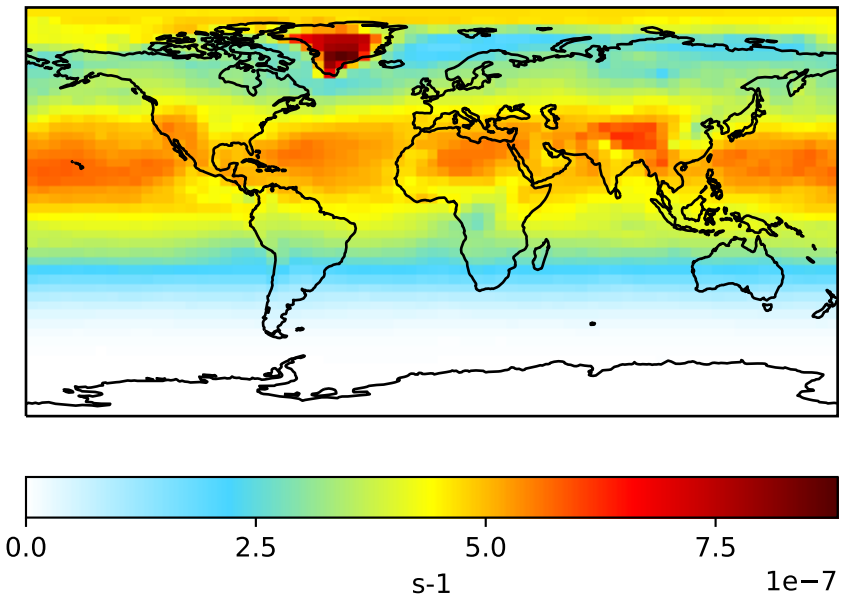
Ratio
Dev/Ref, Fixed Range



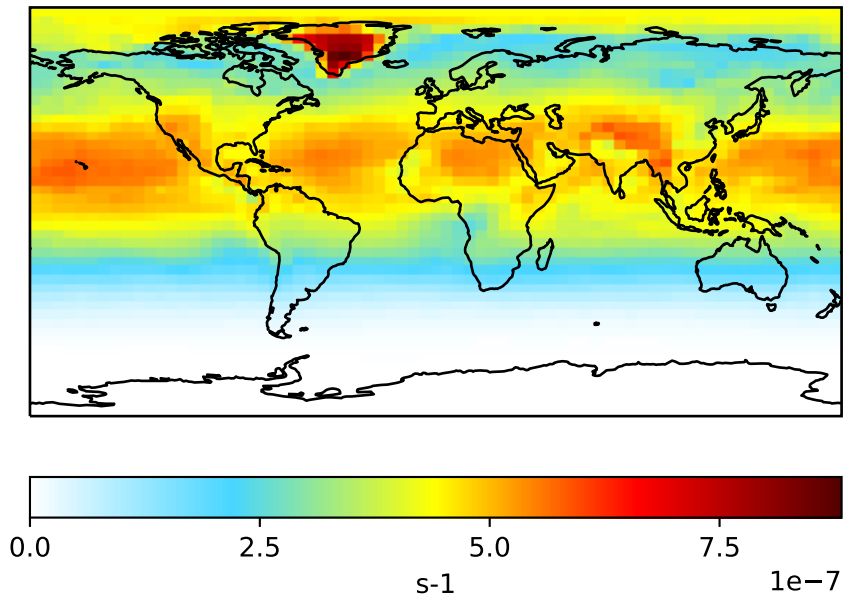


Jval_ETNO3 (Jul2019)

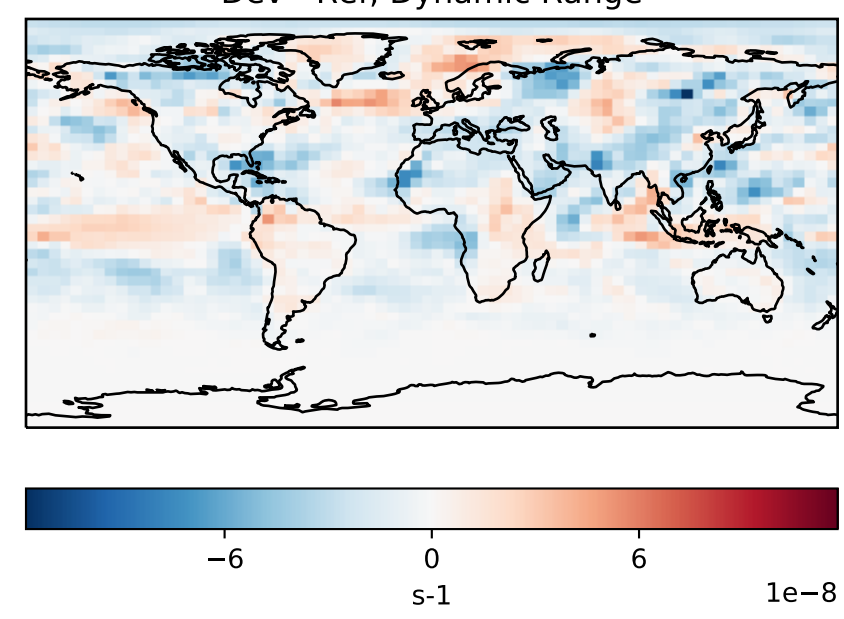
GCC_12.9.0 (Ref)
4.0x5.0



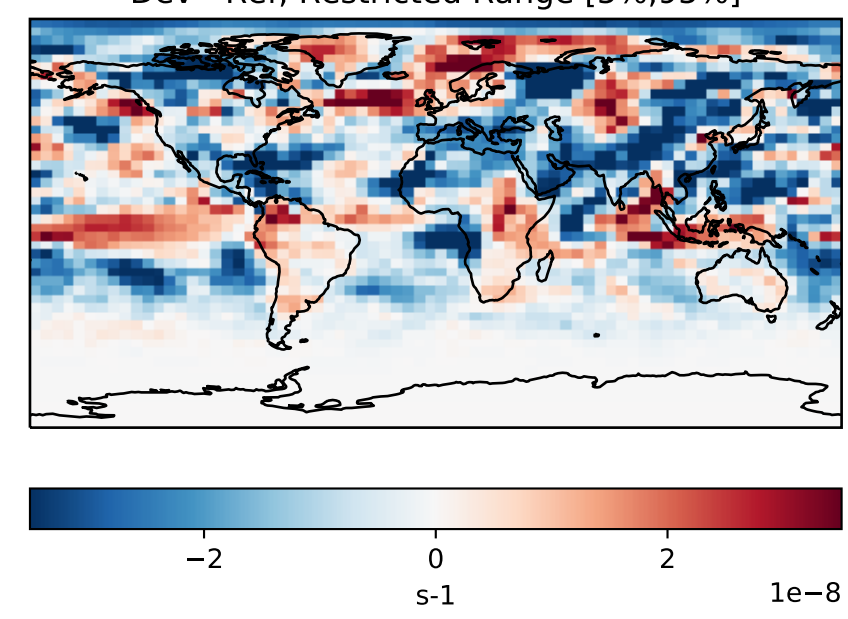
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



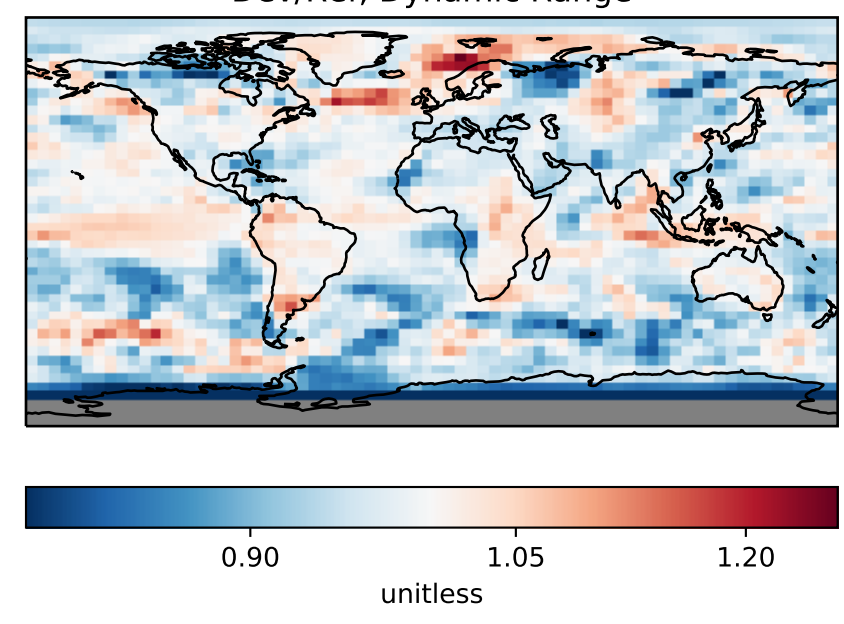
Difference
Dev - Ref, Dynamic Range



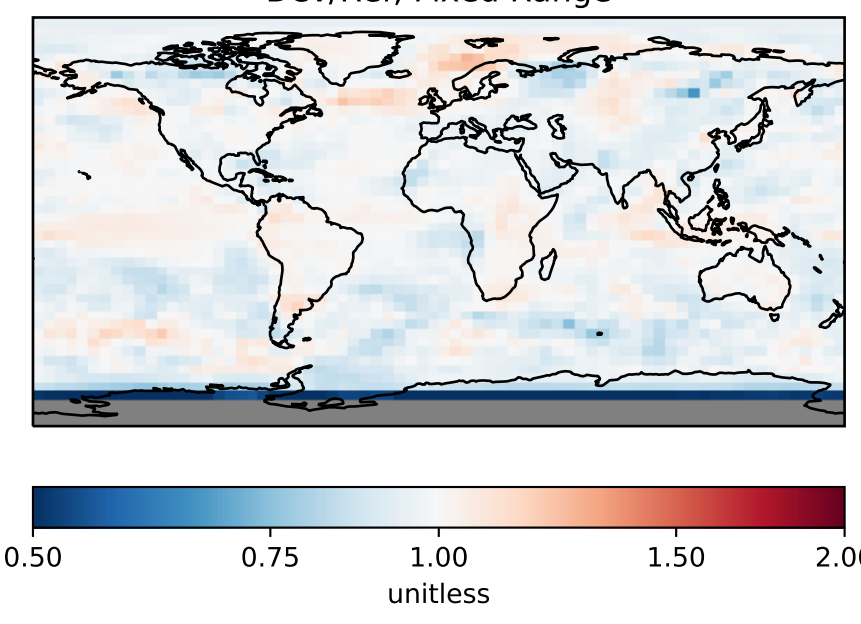
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

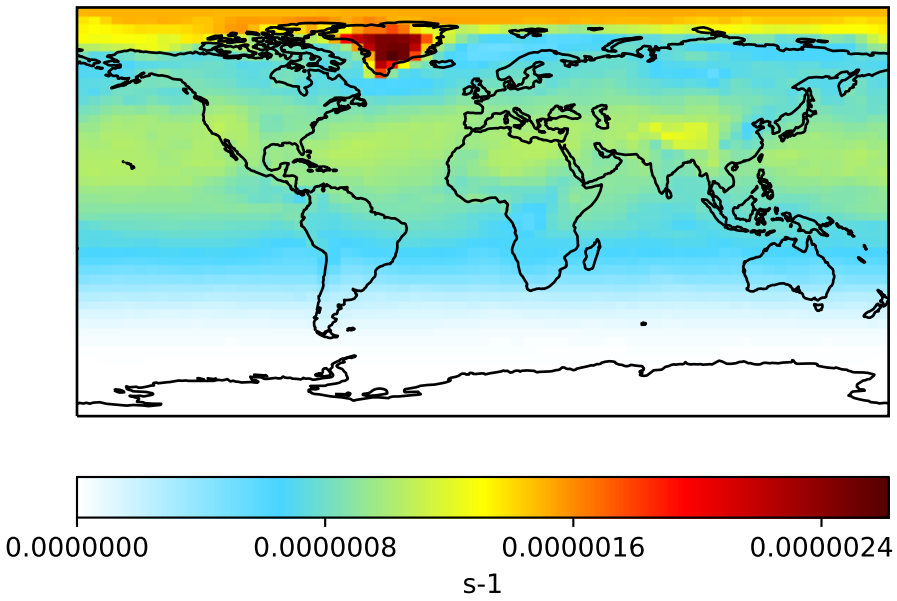


Ratio
Dev/Ref, Fixed Range

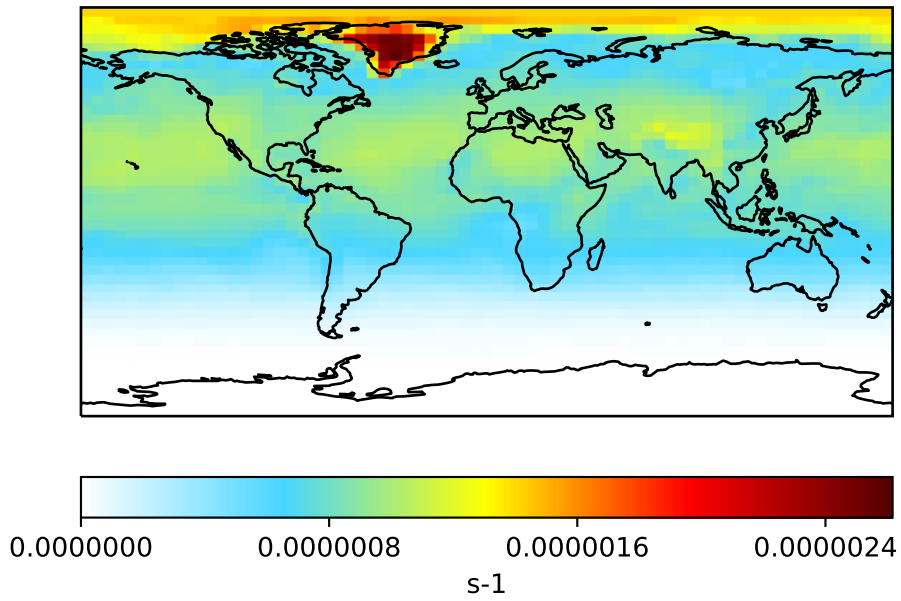


Jval_ETP (Jul2019)

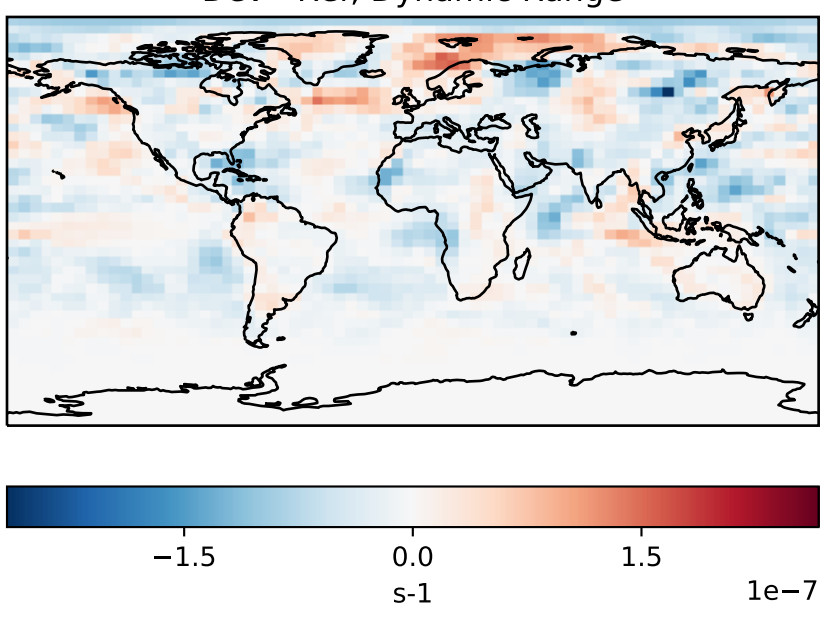
GCC_12.9.0 (Ref)
4.0x5.0



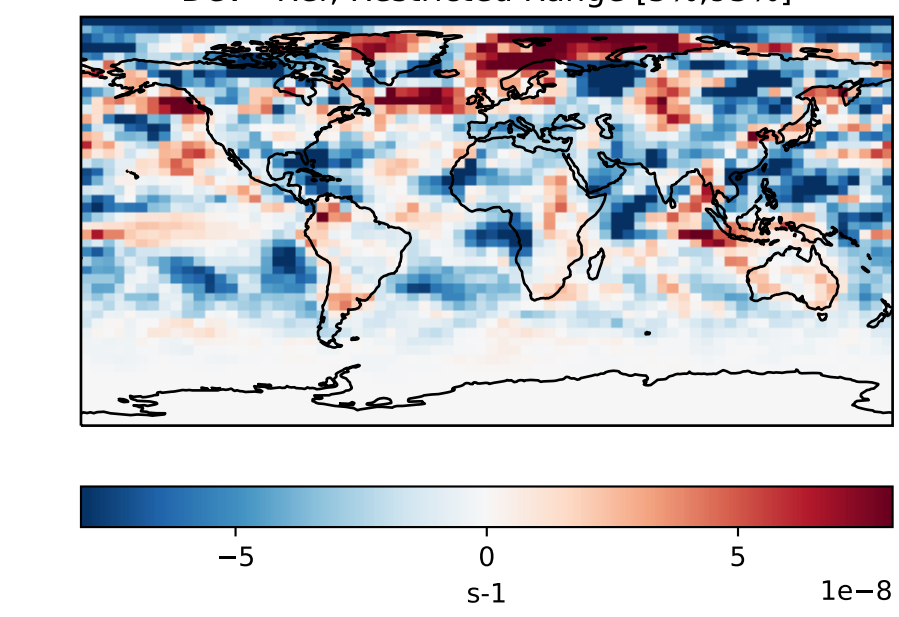
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



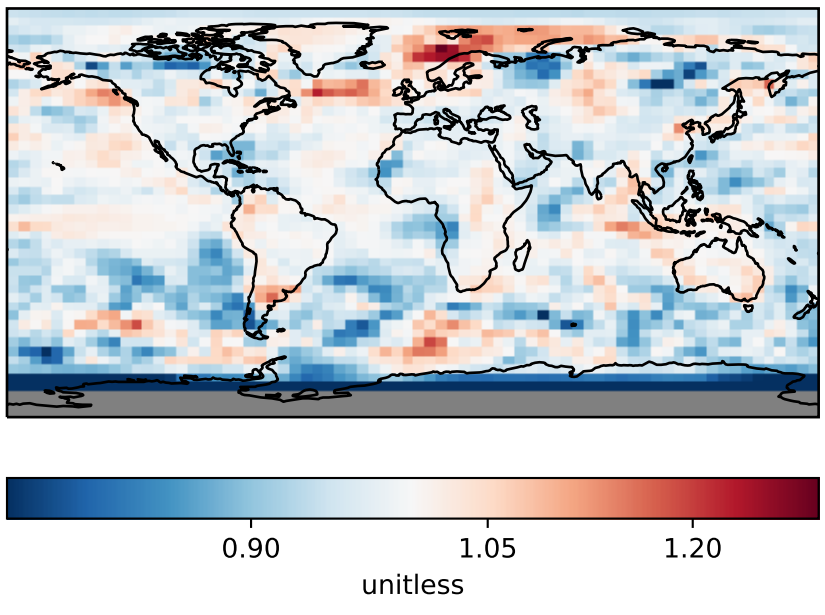
Difference
Dev - Ref, Dynamic Range



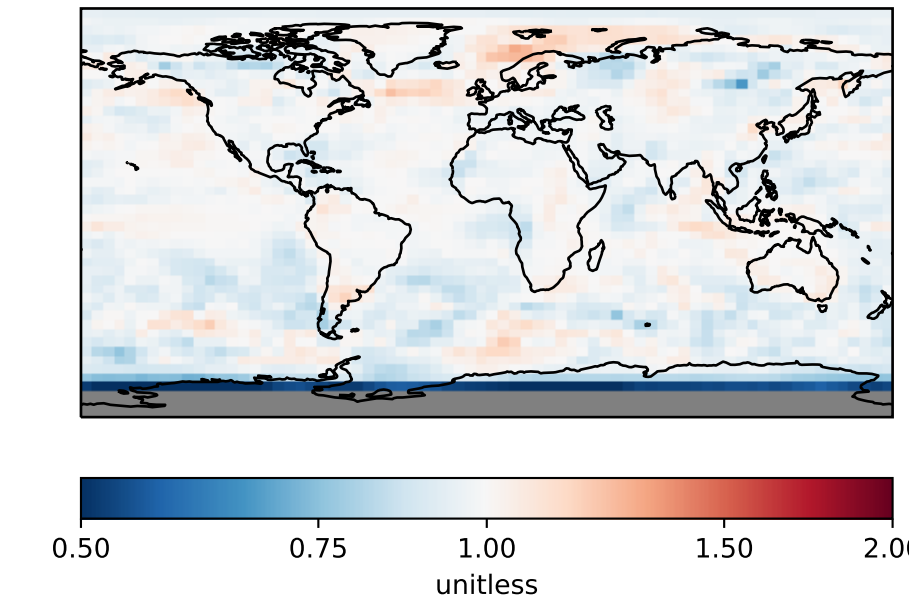
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

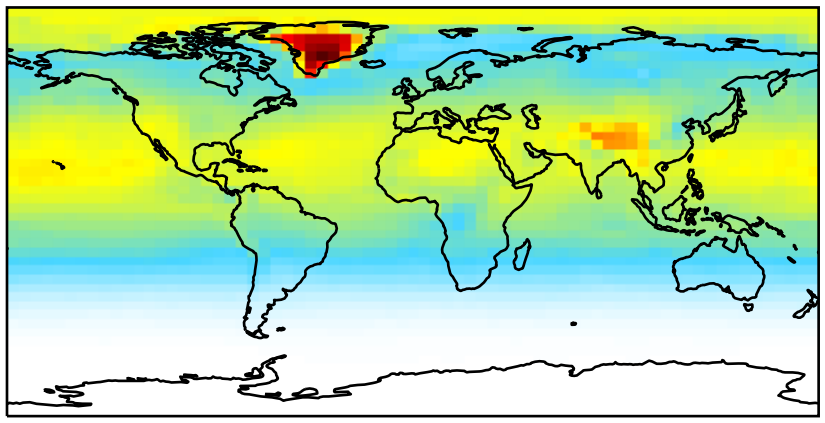


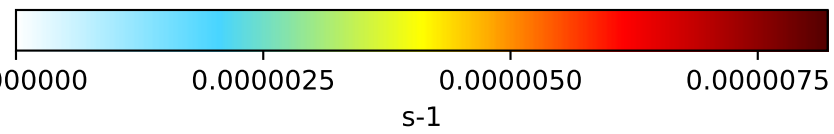
Ratio
Dev/Ref, Fixed Range



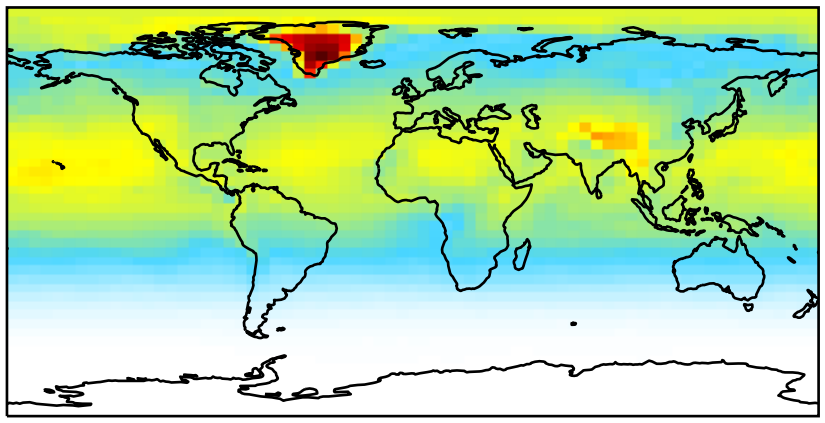
Jval_GLYC (Jul2019)

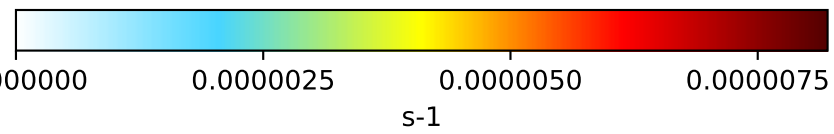
GCC_12.9.0 (Ref)
4.0x5.0



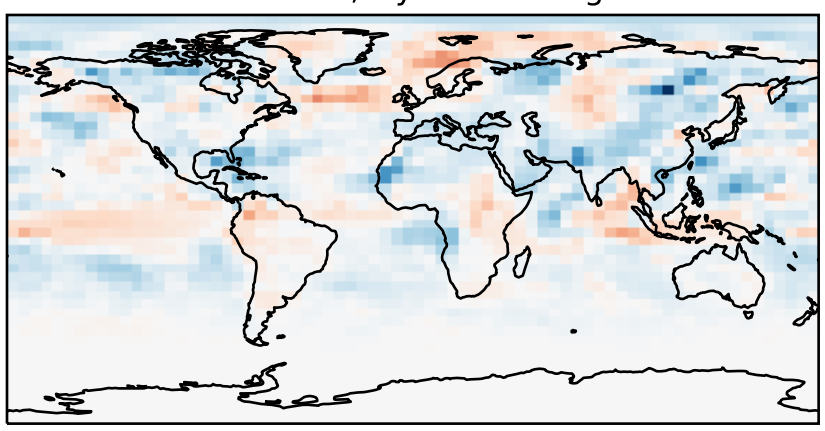


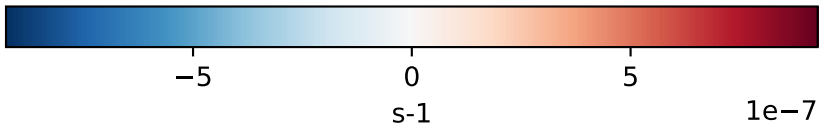
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4.0x5.0



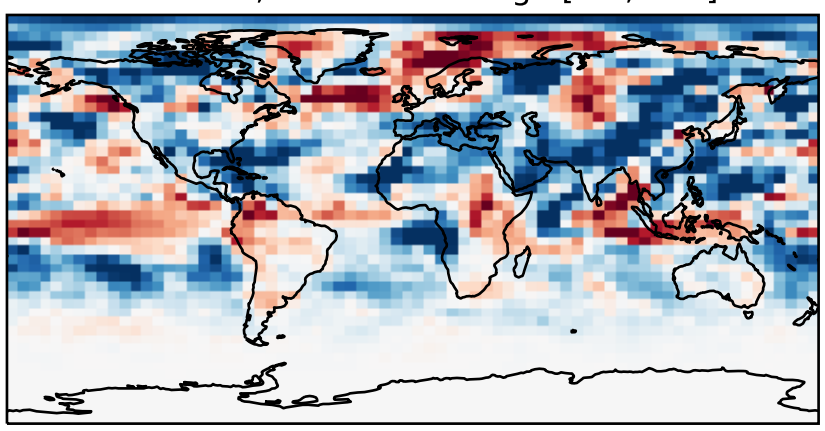


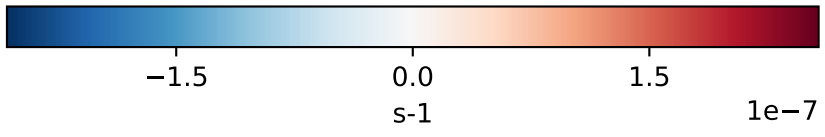
Difference
Dev - Ref, Dynamic Range



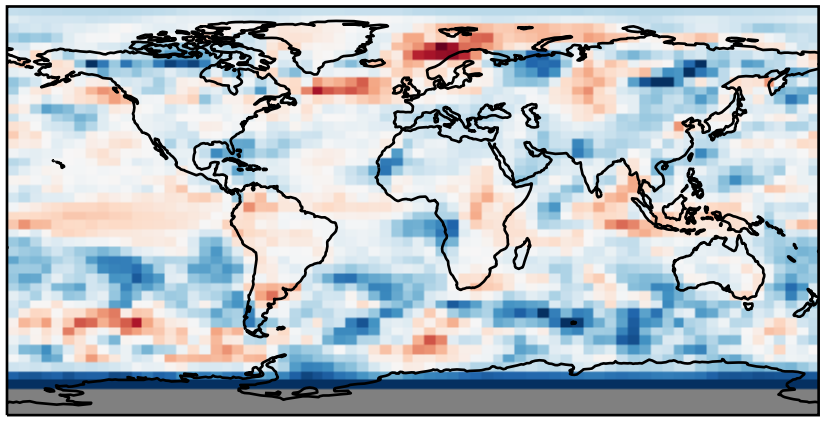


Difference
Dev - Ref, Restricted Range [5%,95%]



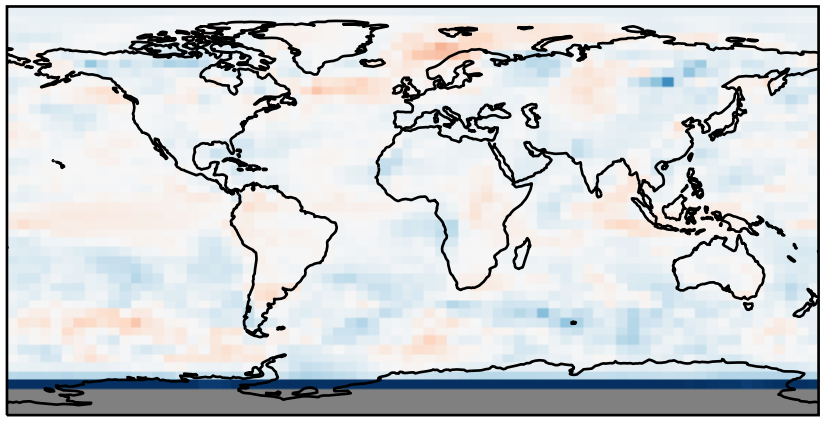


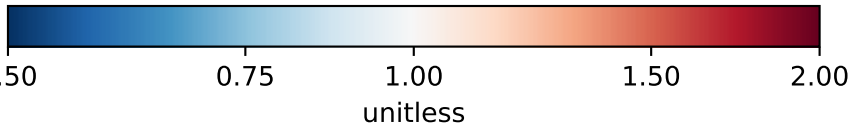
Ratio
Dev/Ref, Dynamic Range





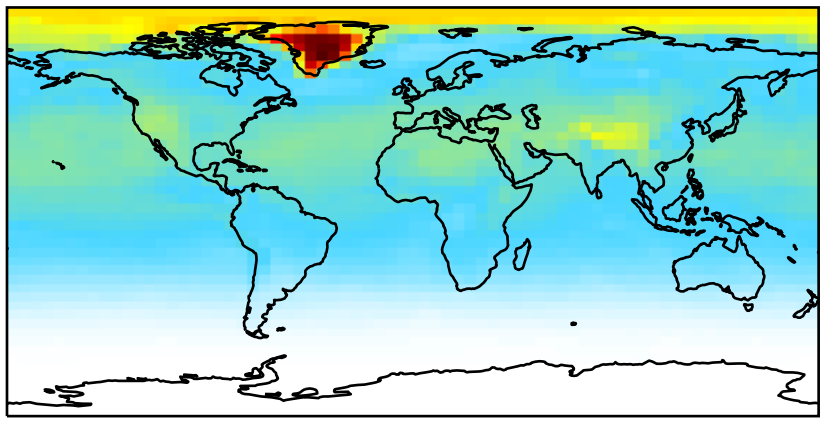
Ratio
Dev/Ref, Fixed Range

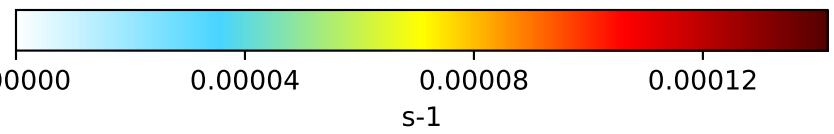




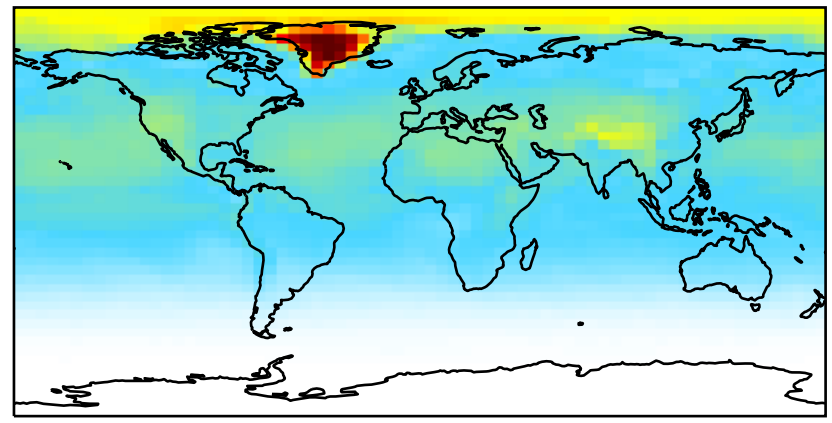
Jval_GLYX (Jul2019)

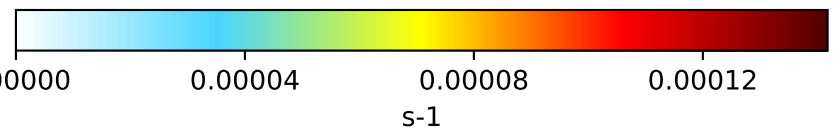
GCC_12.9.0 (Ref)
4.0x5.0



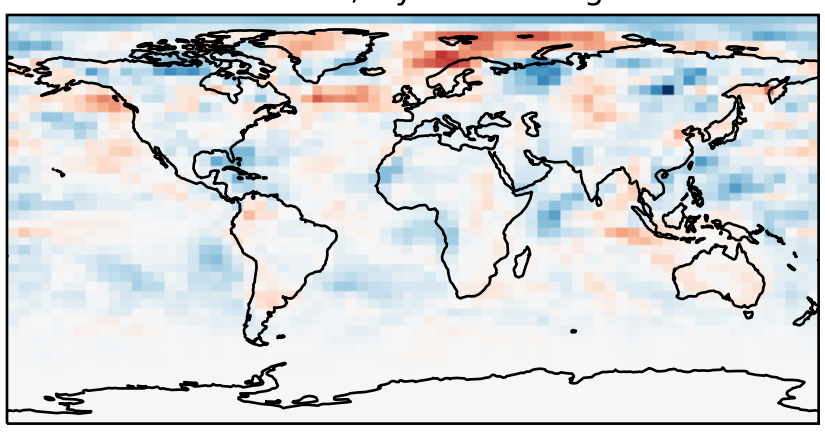


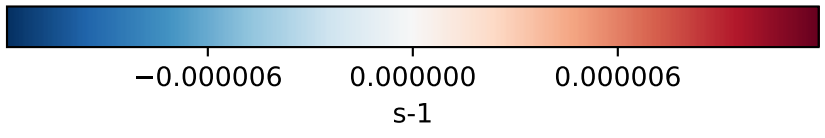
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



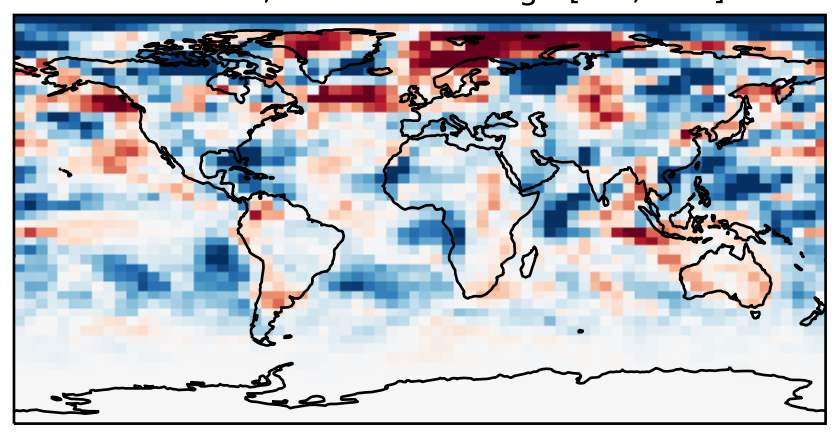


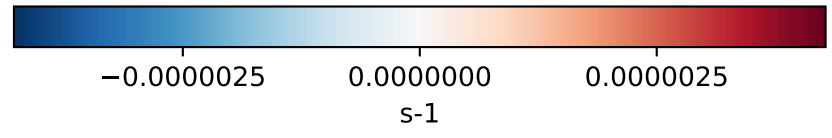
Difference
Dev - Ref, Dynamic Range



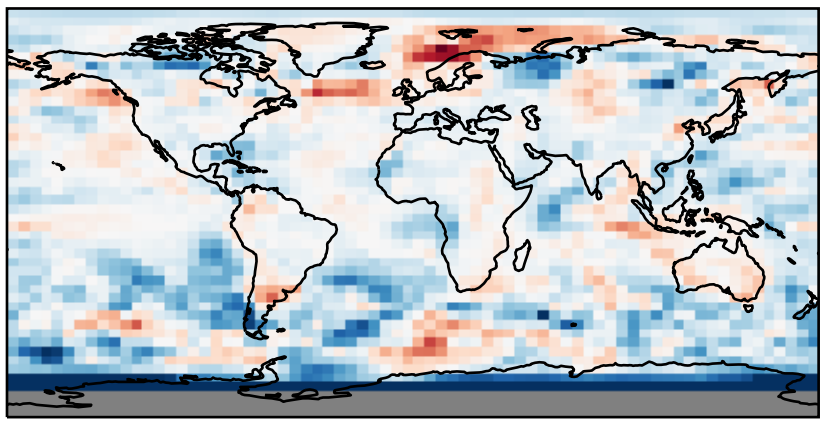


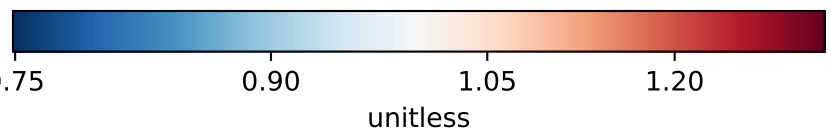
Difference
Dev - Ref, Restricted Range [5%,95%]



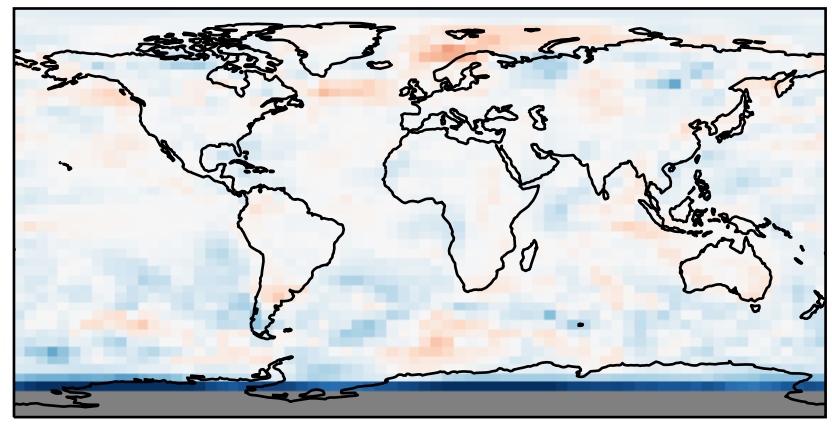


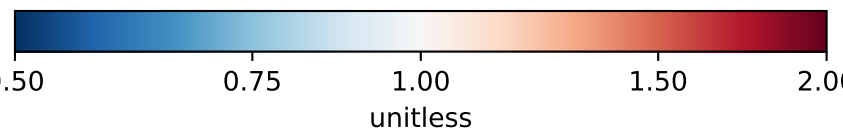
Ratio
Dev/Ref, Dynamic Range





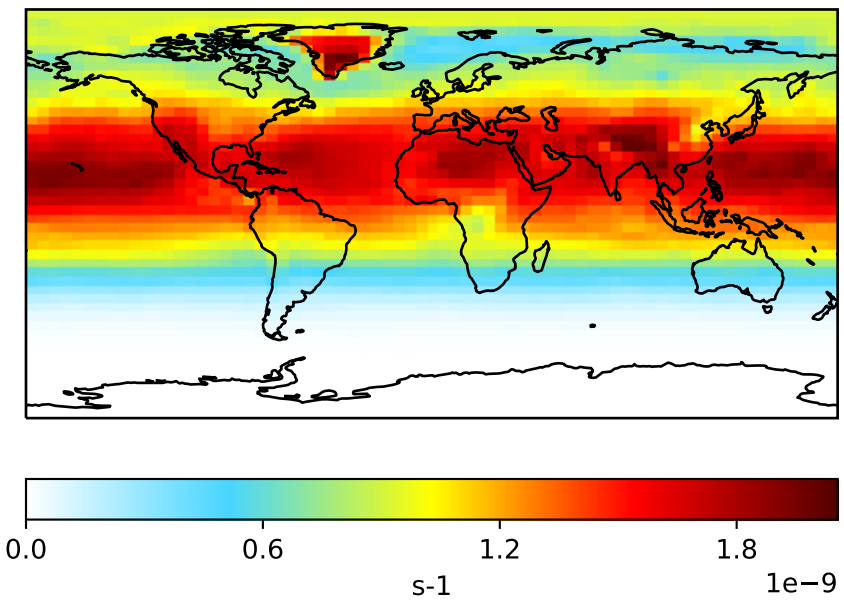
Ratio
Dev/Ref, Fixed Range



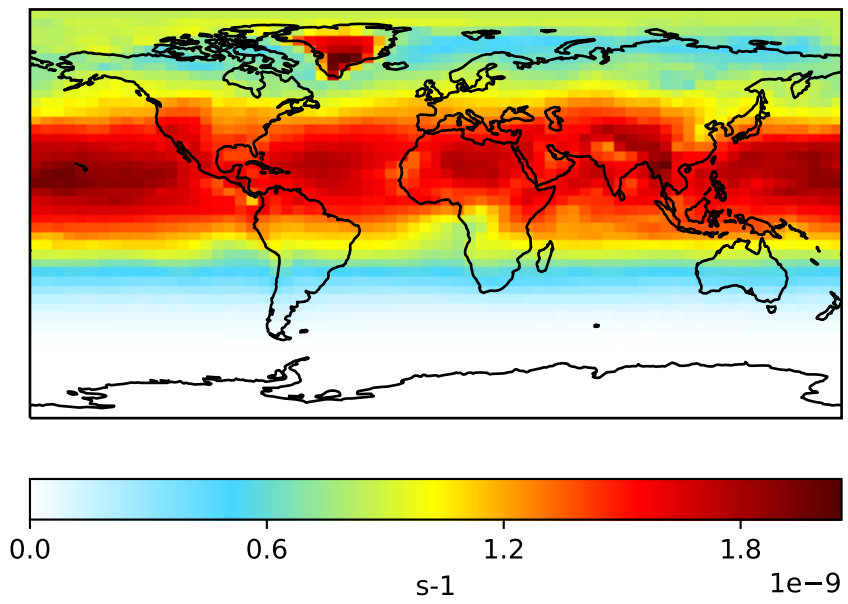


Jval_H1211 (Jul2019)

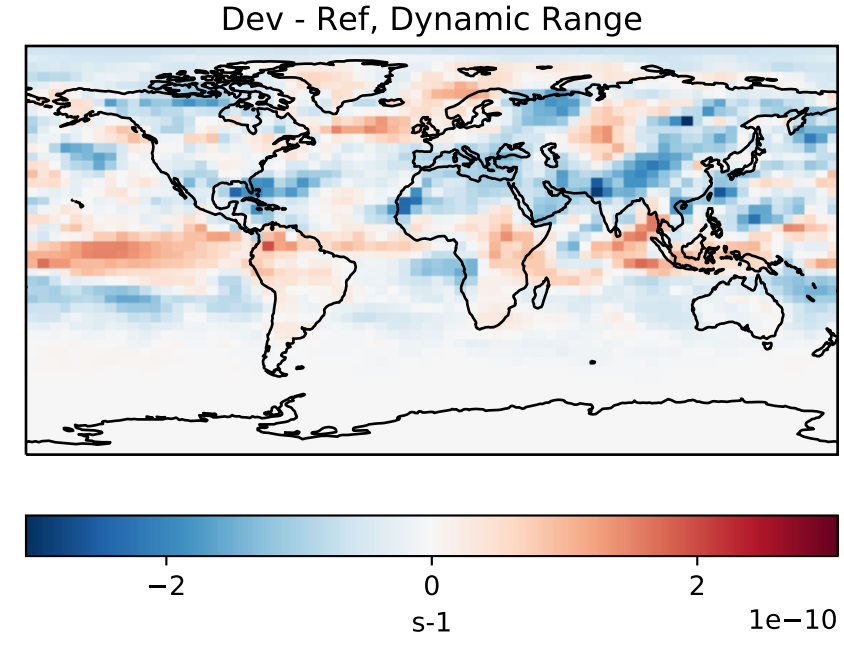
GCC_12.9.0 (Ref)
4.0x5.0



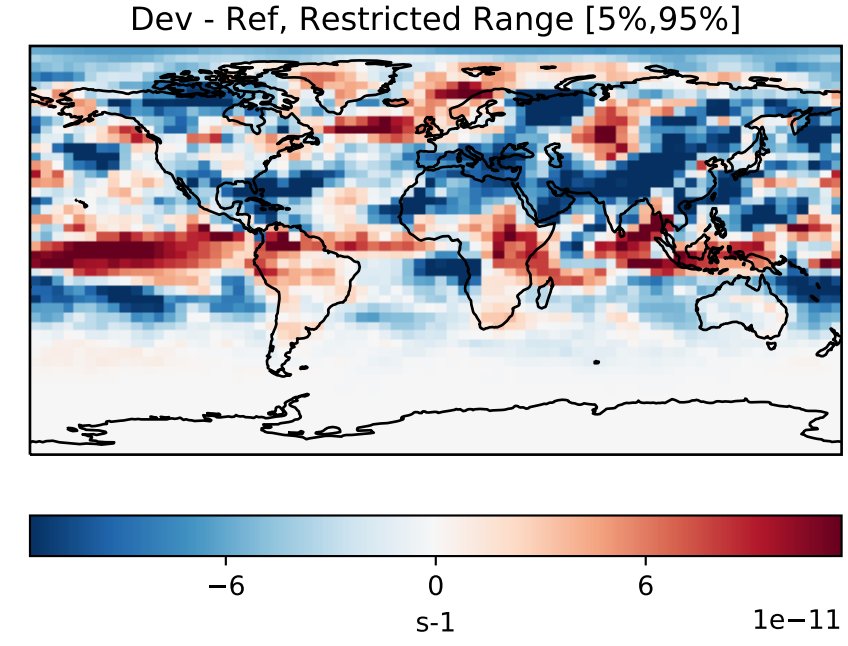
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



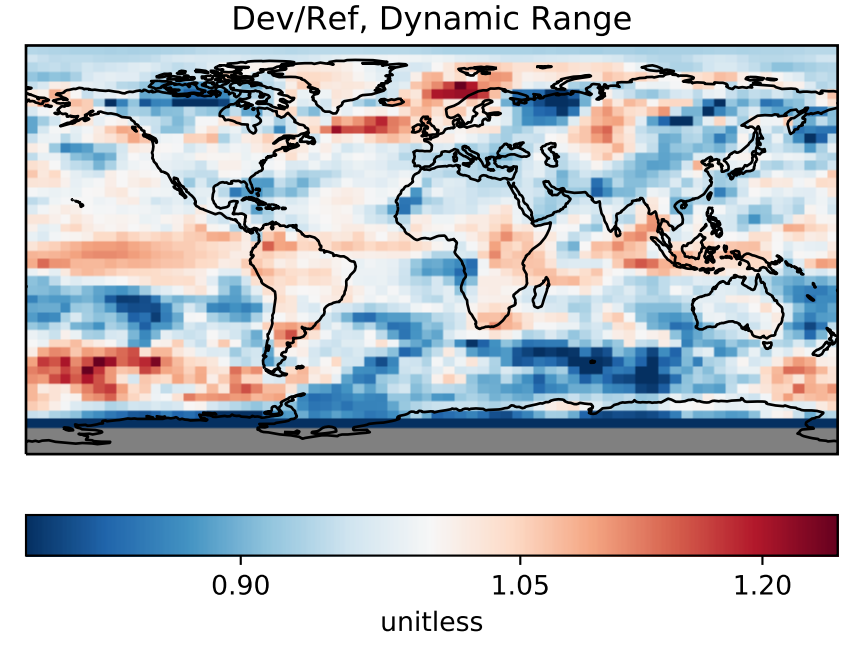
Difference
Dev - Ref, Dynamic Range



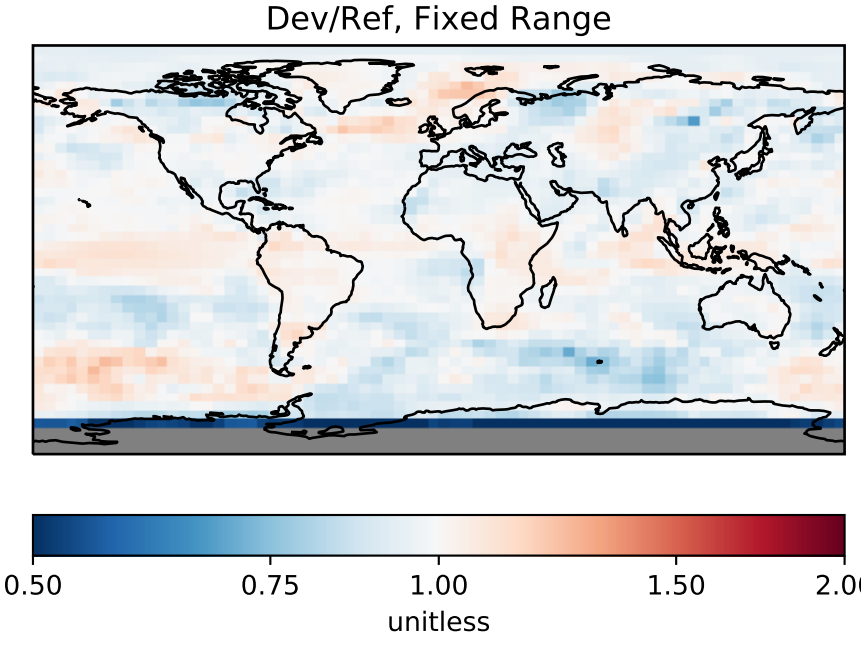
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

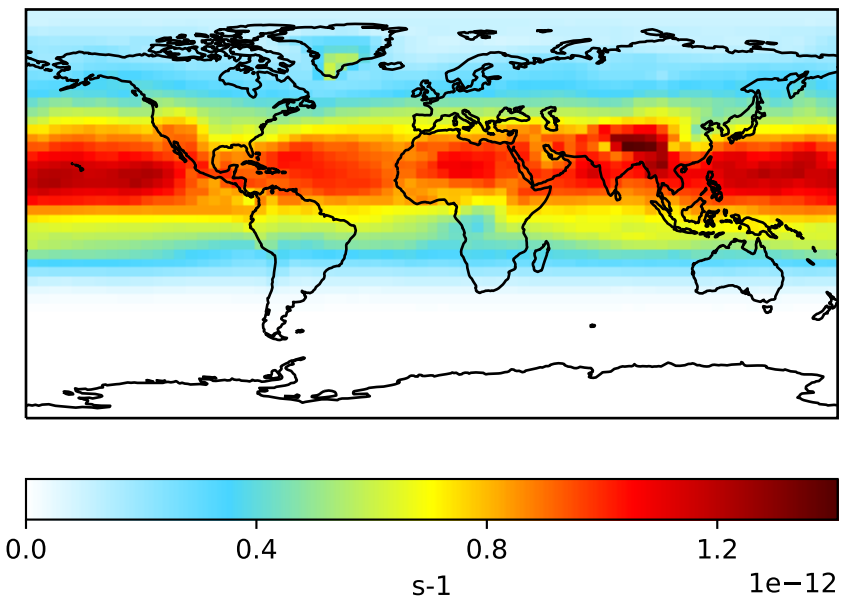


Ratio
Dev/Ref, Fixed Range

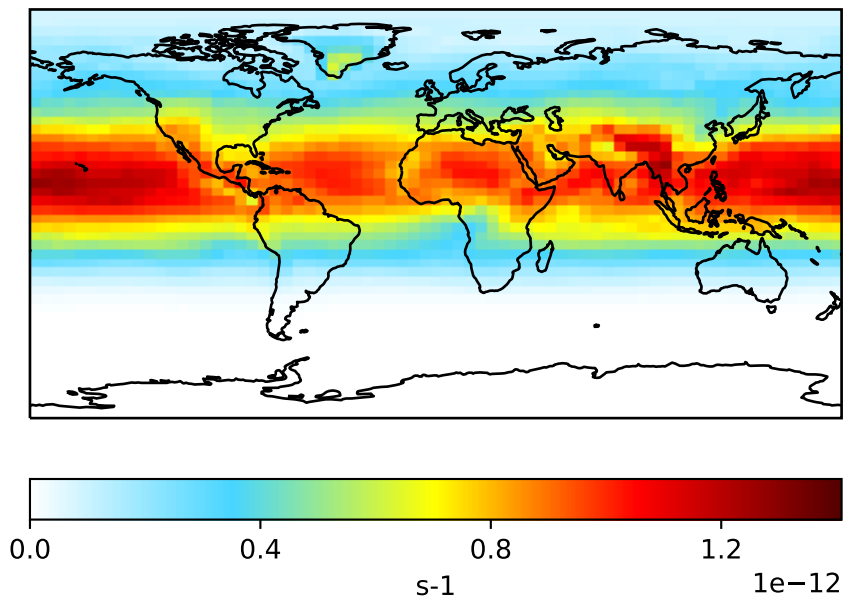


Jval_H1301 (Jul2019)

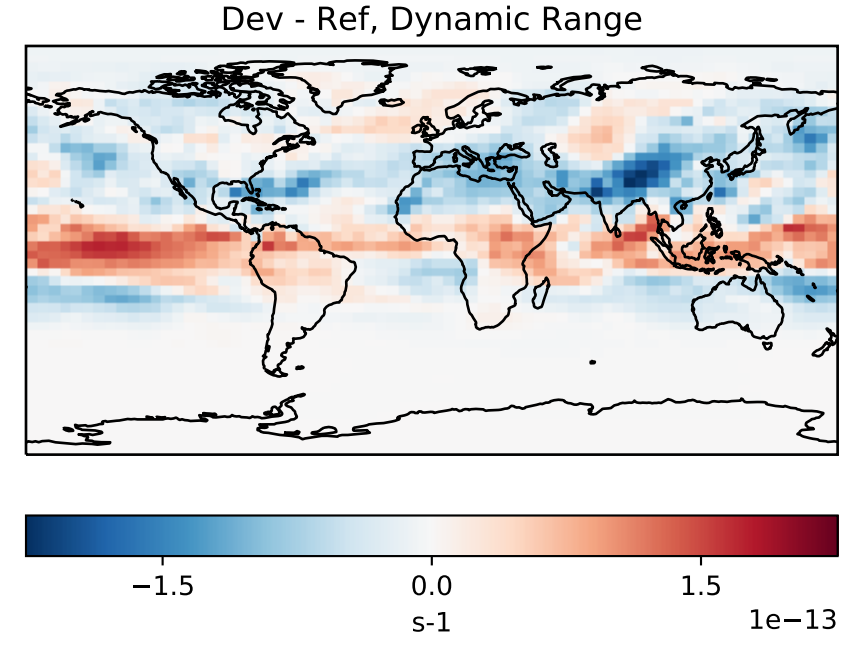
GCC_12.9.0 (Ref)
4.0x5.0



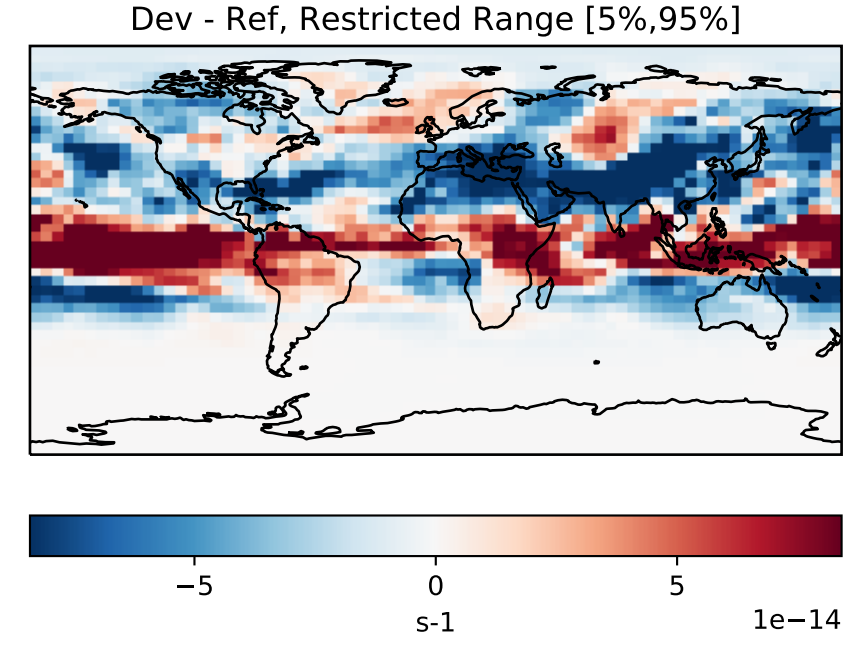
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



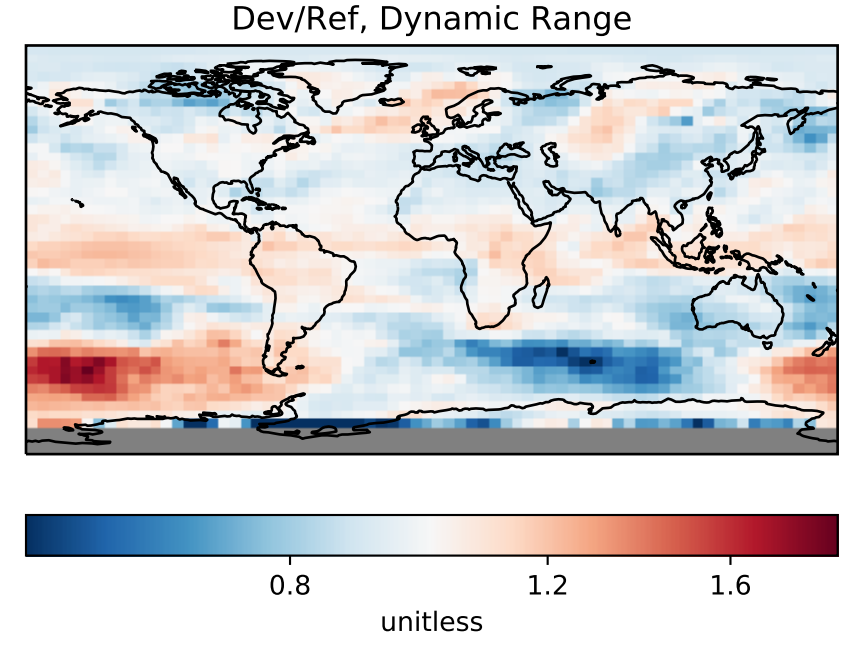
Difference
Dev - Ref, Dynamic Range



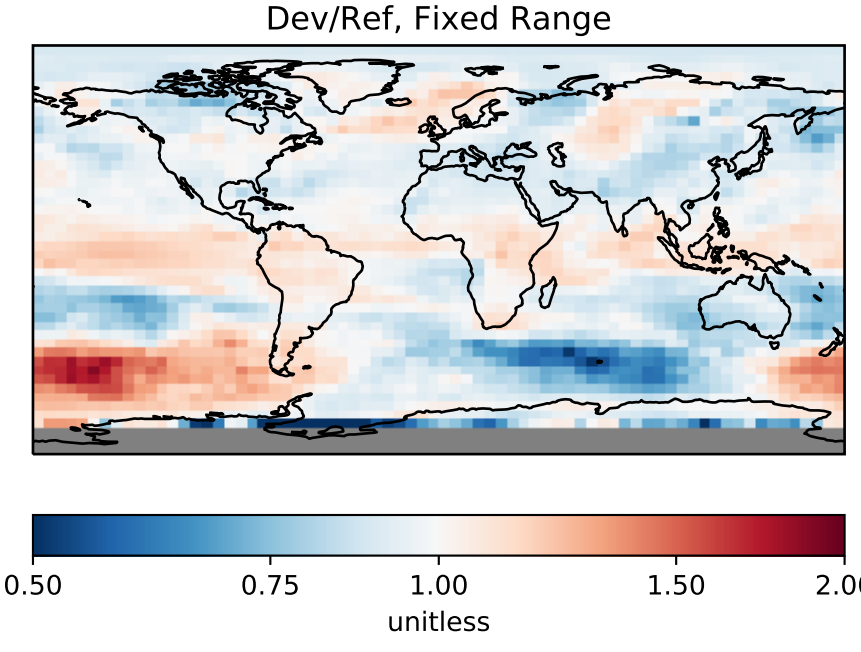
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

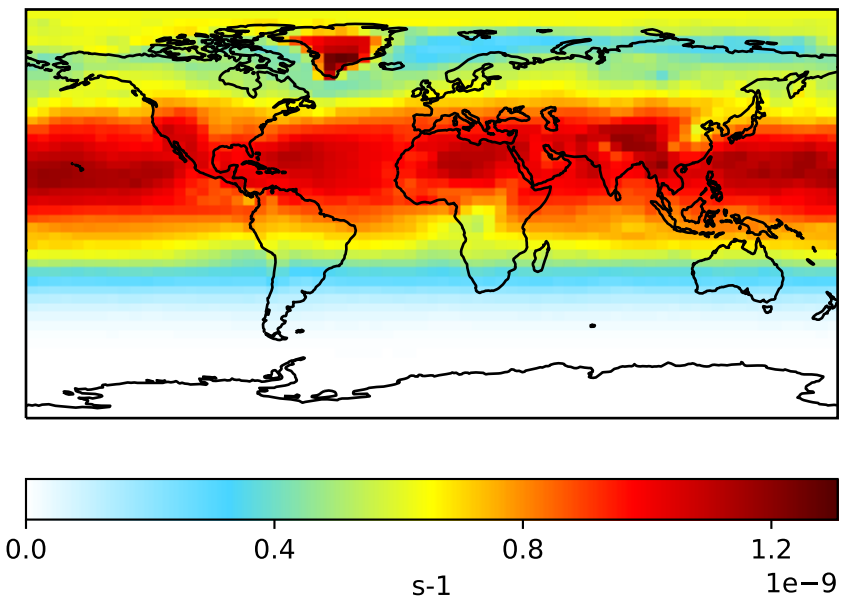


Ratio
Dev/Ref, Fixed Range

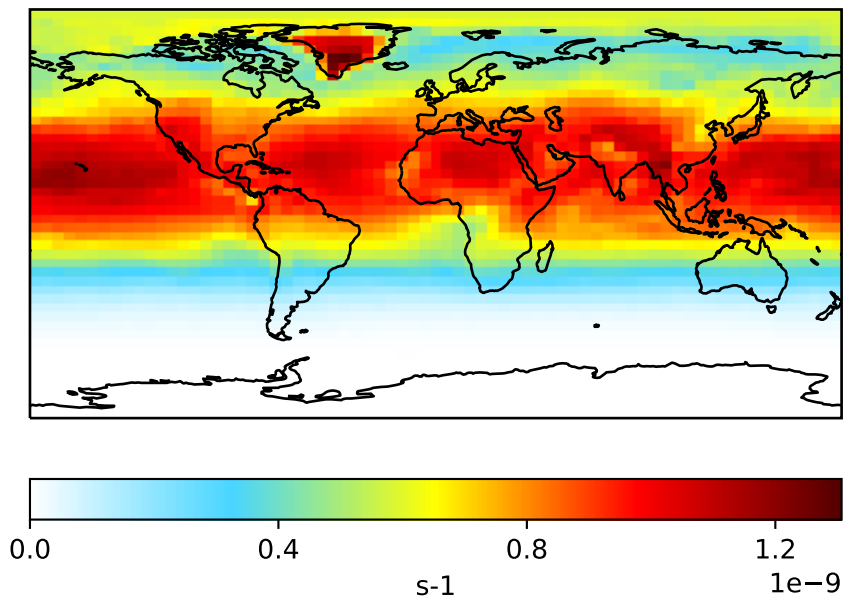


Jval_H2402 (Jul2019)

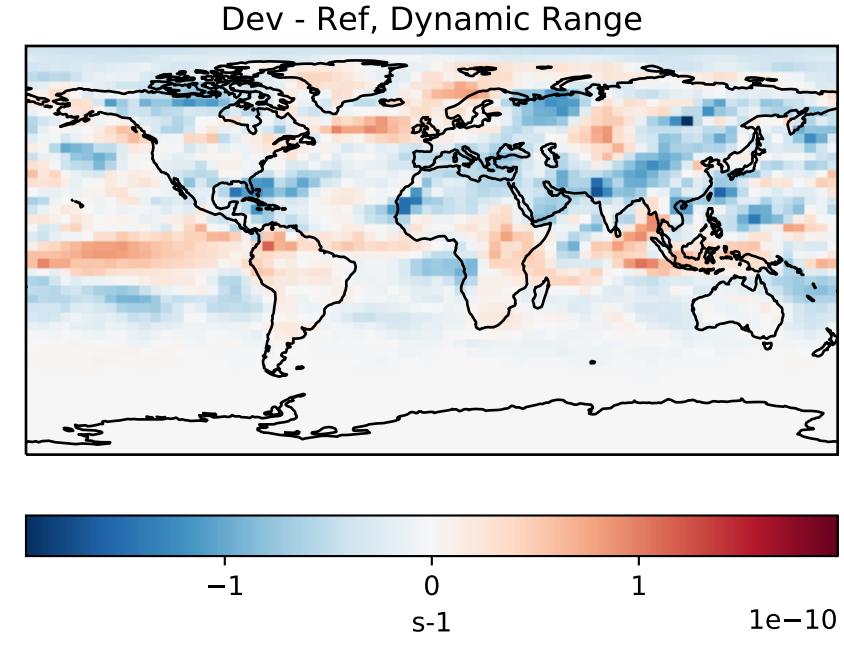
GCC_12.9.0 (Ref)
4.0x5.0



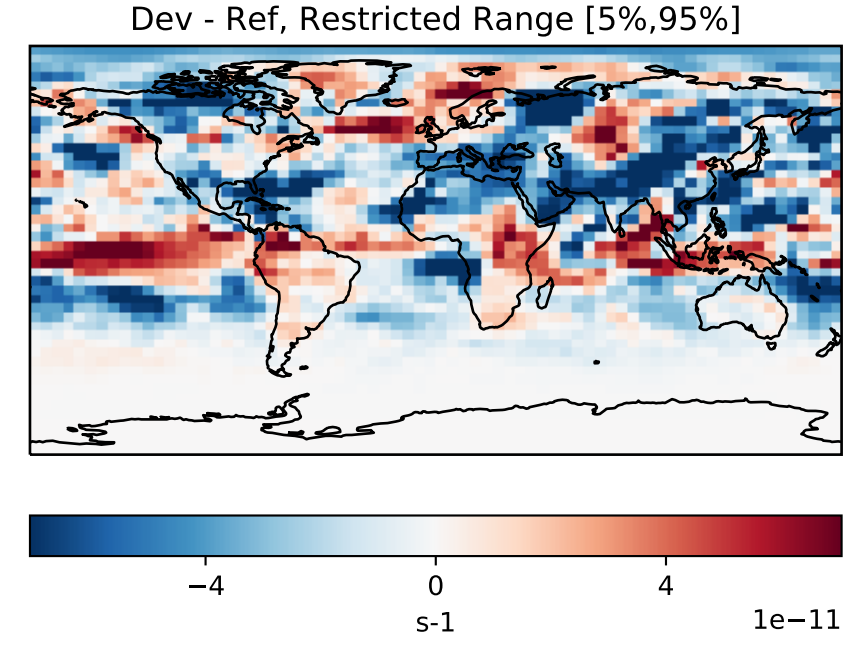
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



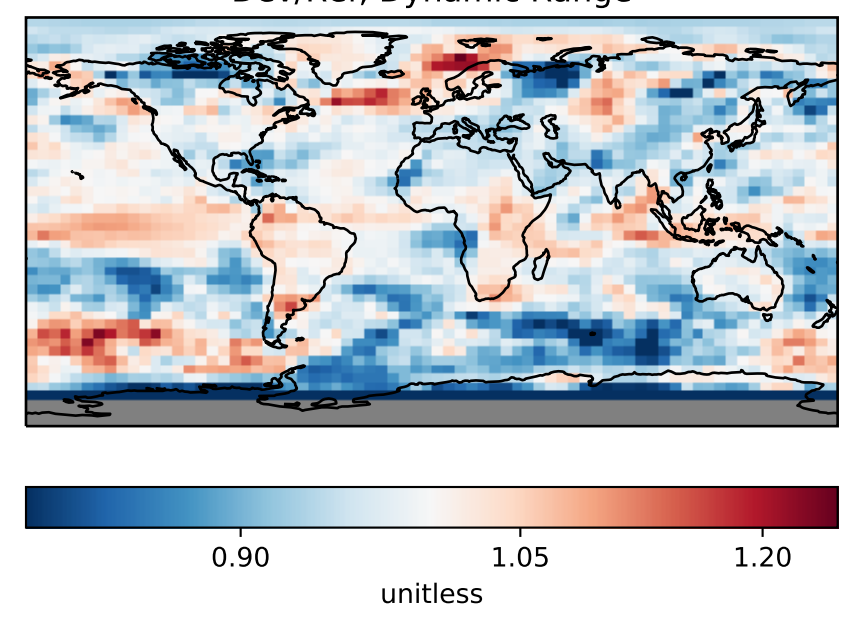
Difference
Dev - Ref, Dynamic Range



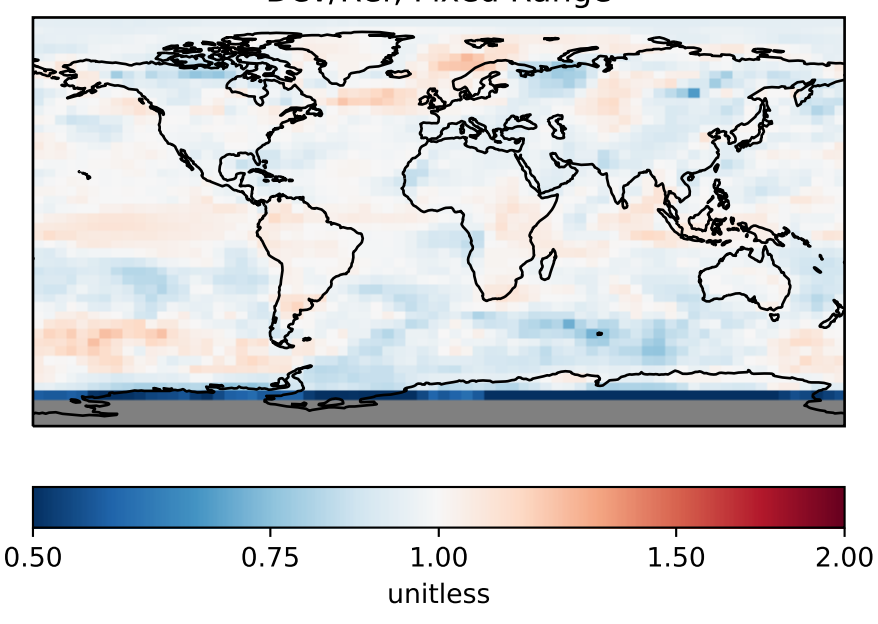
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

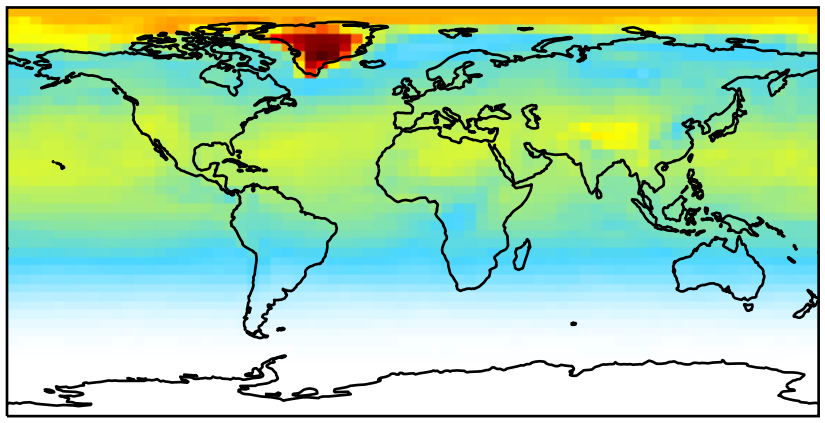


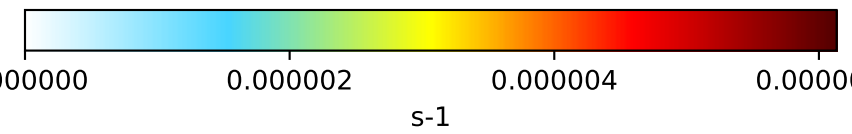
Ratio
Dev/Ref, Fixed Range



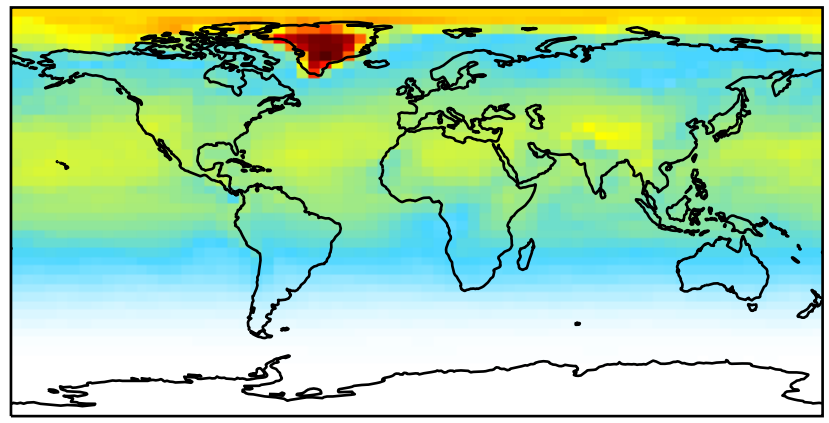
Jval_H2O2 (Jul2019)

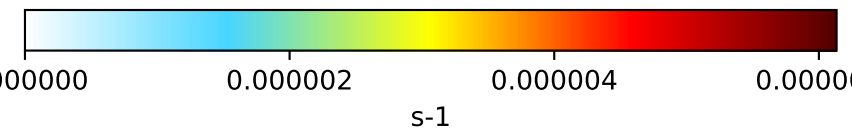
GCC_12.9.0 (Ref)
4.0x5.0



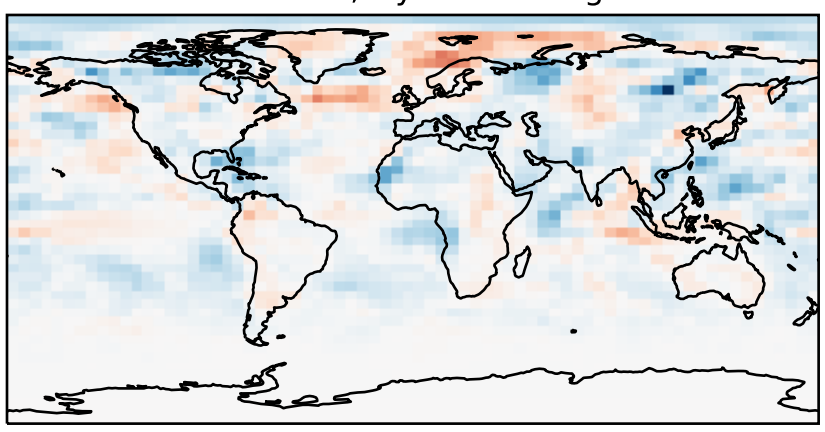


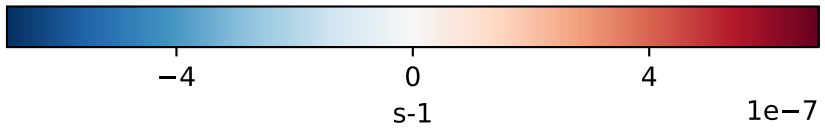
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



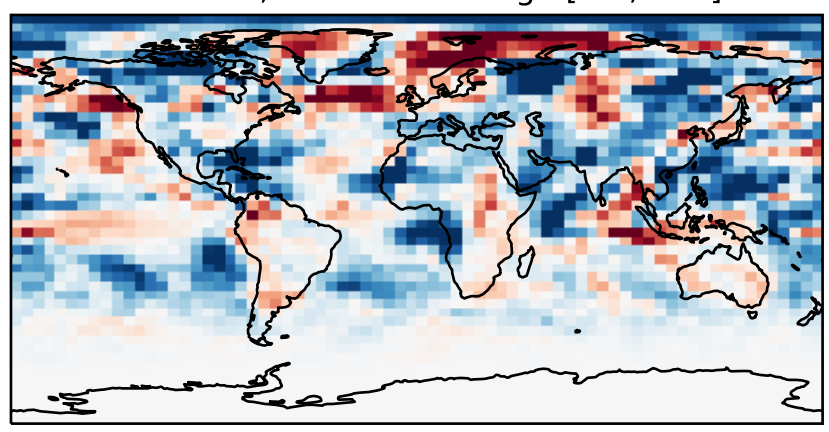


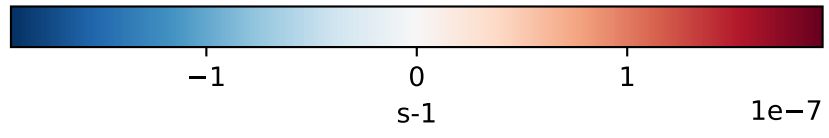
Difference
Dev - Ref, Dynamic Range



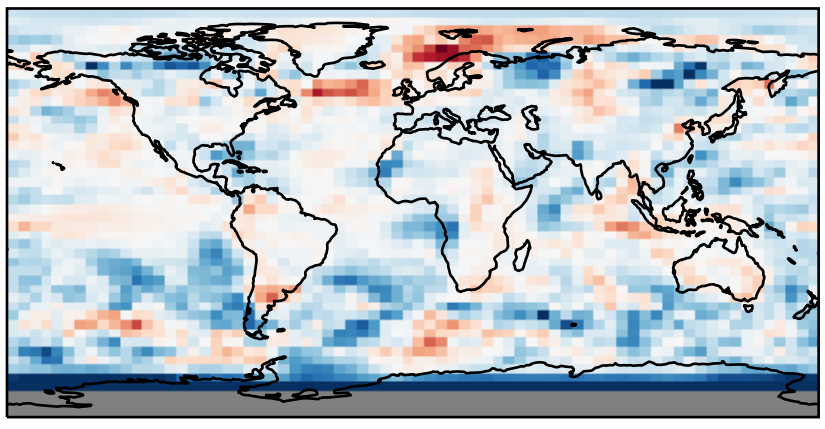


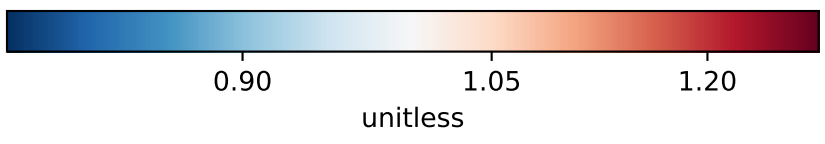
Difference
Dev - Ref, Restricted Range [5%,95%]



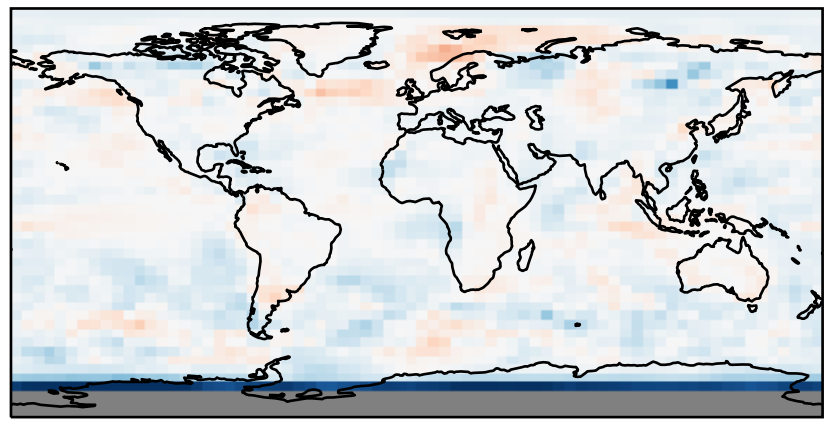


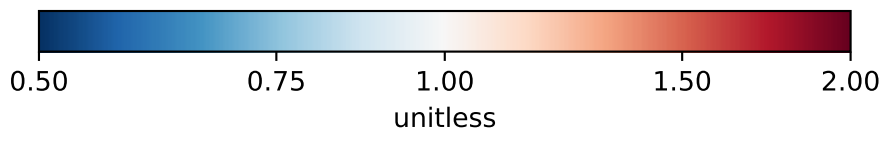
Ratio
Dev/Ref, Dynamic Range





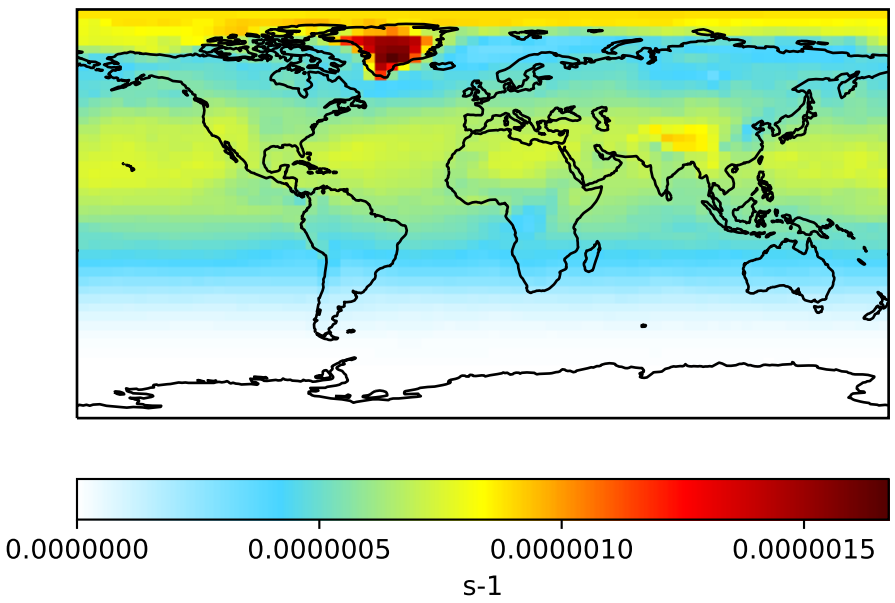
Ratio
Dev/Ref, Fixed Range



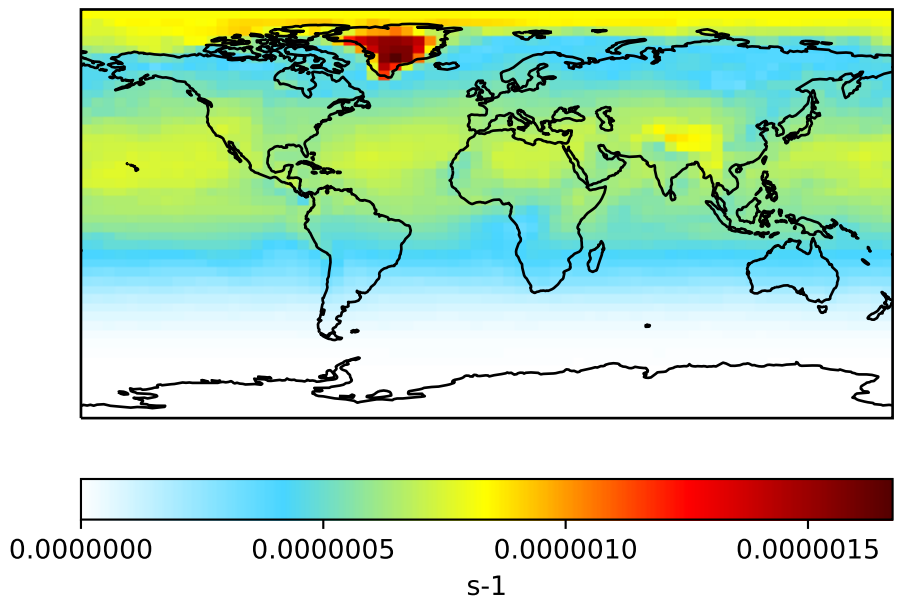


Jval_HAC (Jul2019)

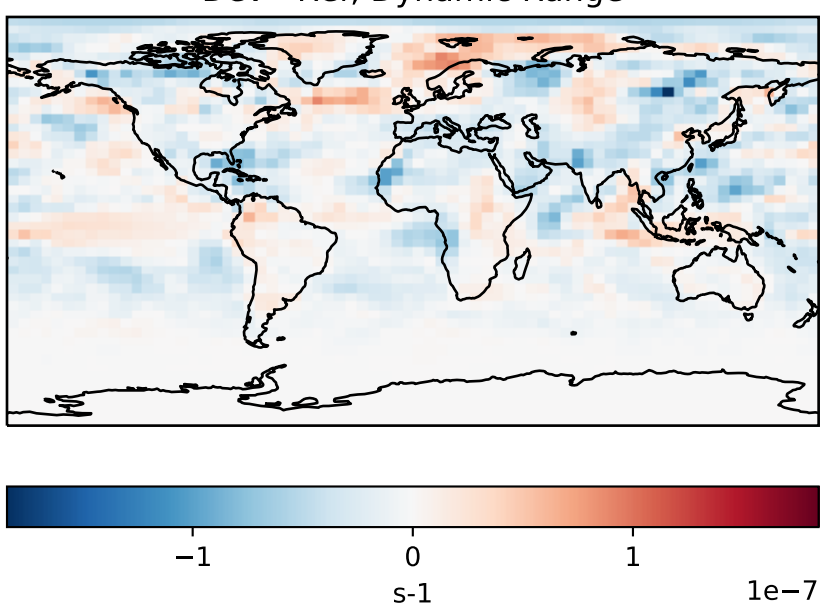
GCC_12.9.0 (Ref)
4.0x5.0



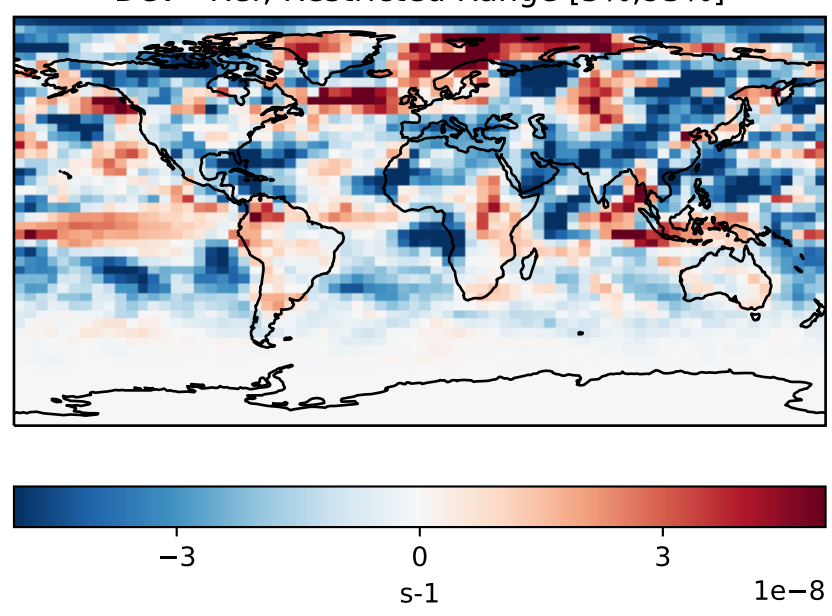
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



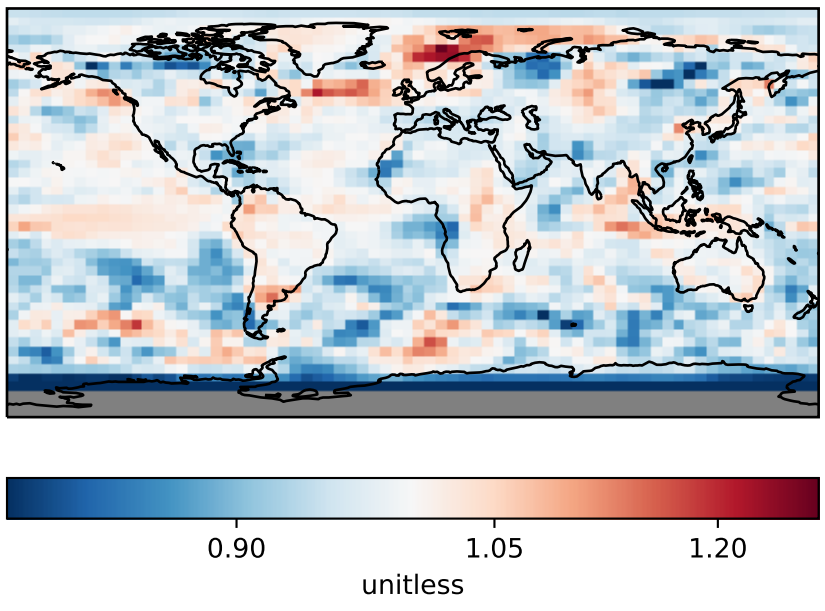
Difference
Dev - Ref, Dynamic Range



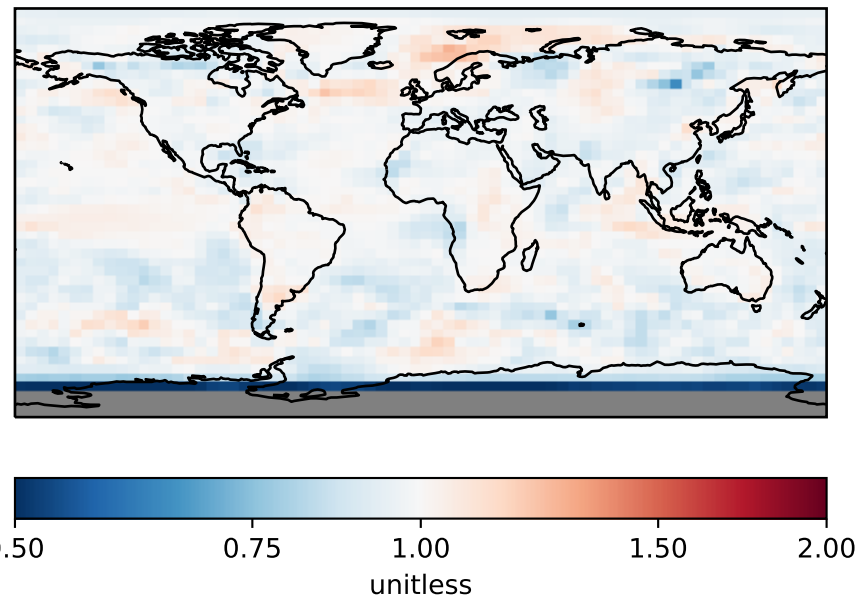
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

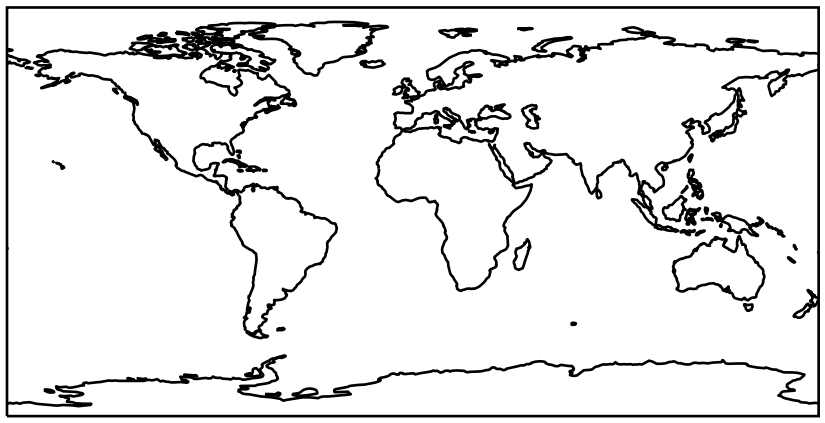


Ratio
Dev/Ref, Fixed Range



Jval_HC5A (Jul2019)

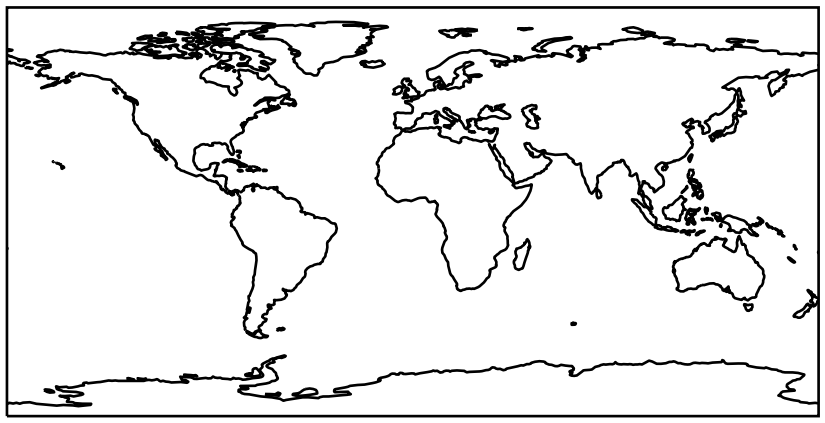
GCC_12.9.0 (Ref)
4.0x5.0





Zero throughout domain
s-1

GCC_13.0.0-beta.1 (Dev)
4.0x5.0





Zero throughout domain
s-1

Difference
Dev - Ref, Dynamic Range





Zero throughout domain
s-1

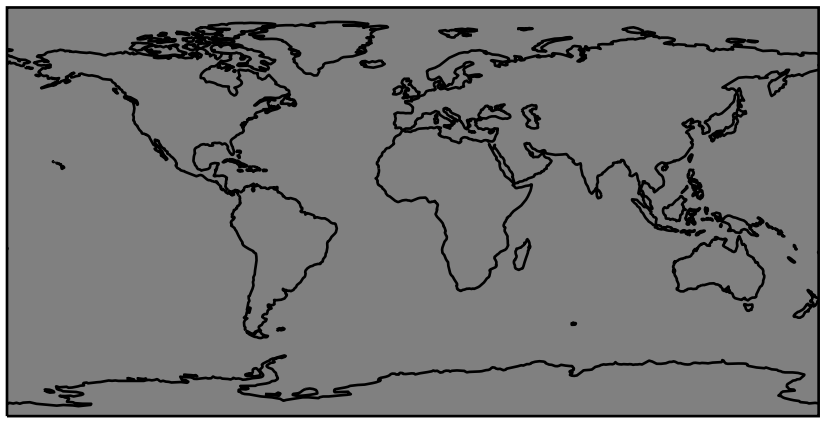
Difference
Dev - Ref, Restricted Range [5%,95%]





Zero throughout domain
s-1

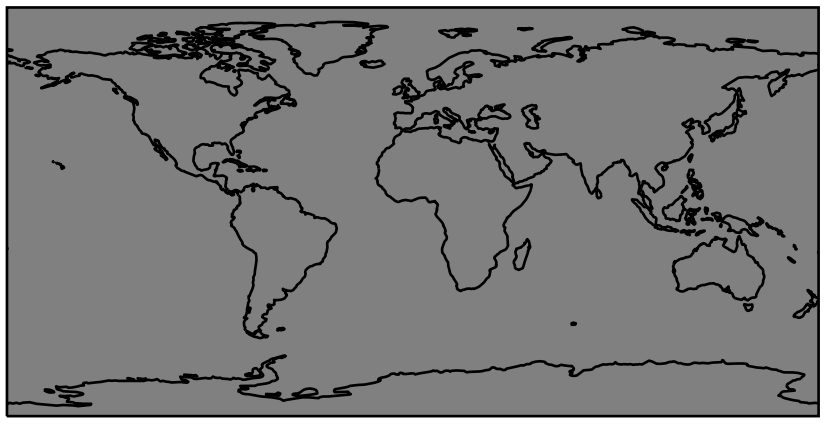
Ratio
Dev/Ref, Dynamic Range





Undefined throughout domain
unitless

Ratio
Dev/Ref, Fixed Range

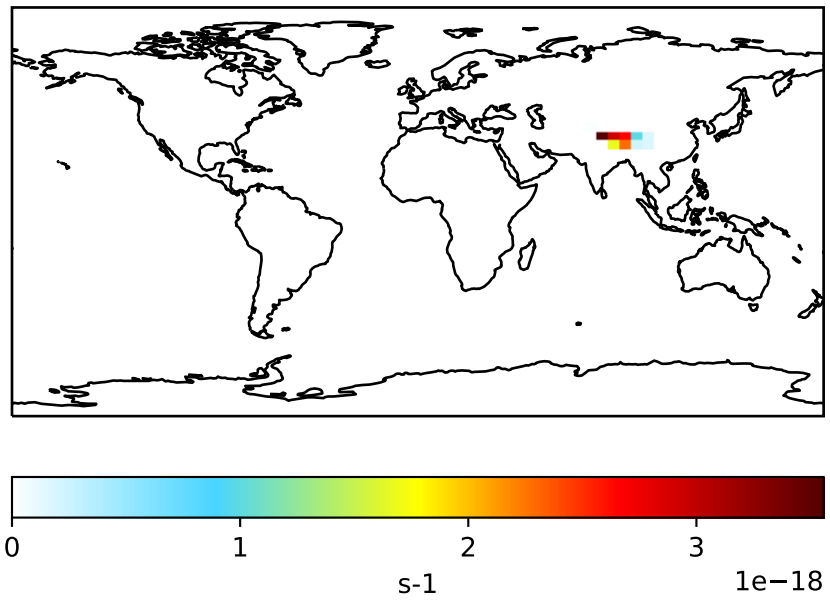




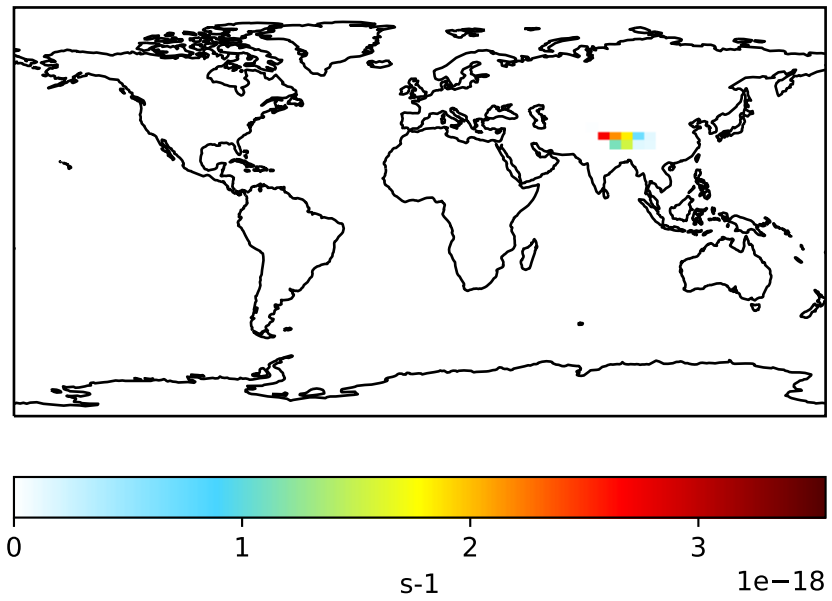
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Jval_HCFC123 (Jul2019)

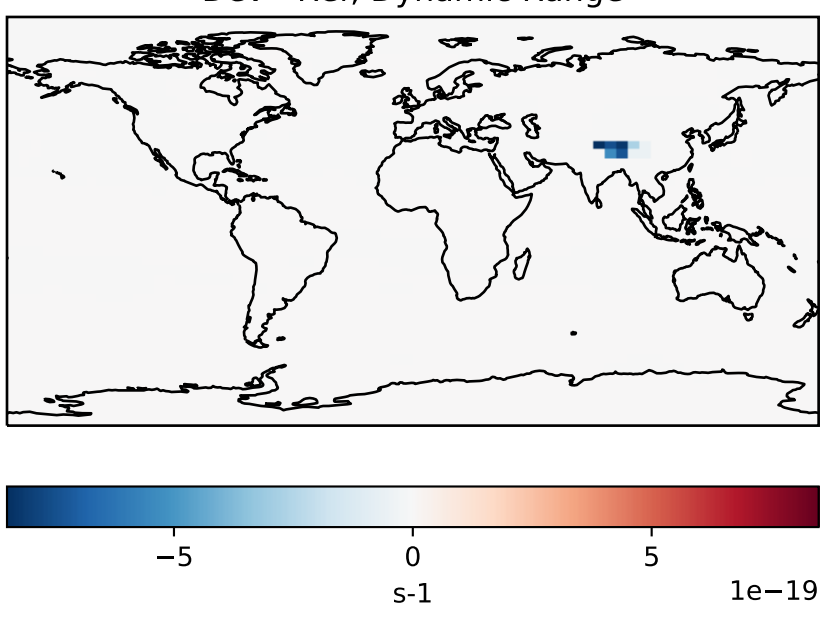
GCC_12.9.0 (Ref)
4.0x5.0



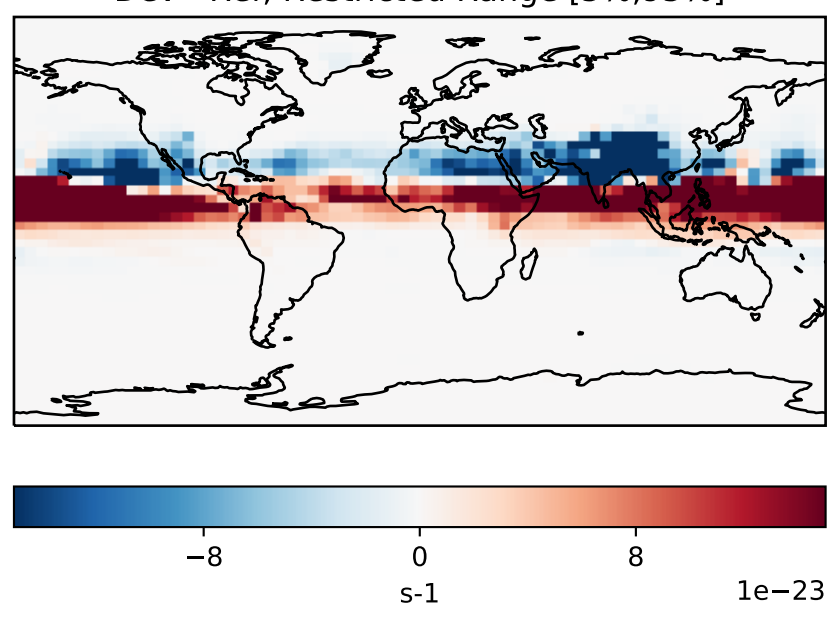
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



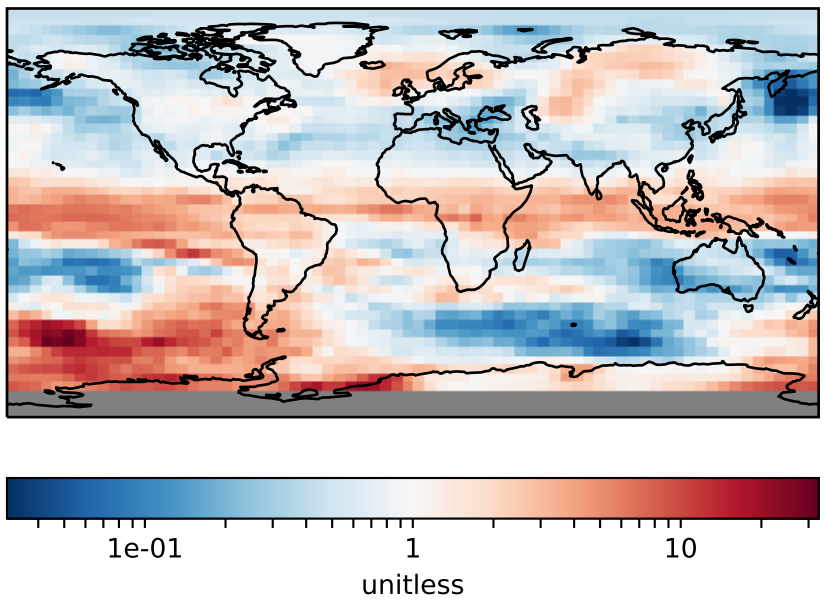
Difference
Dev - Ref, Dynamic Range



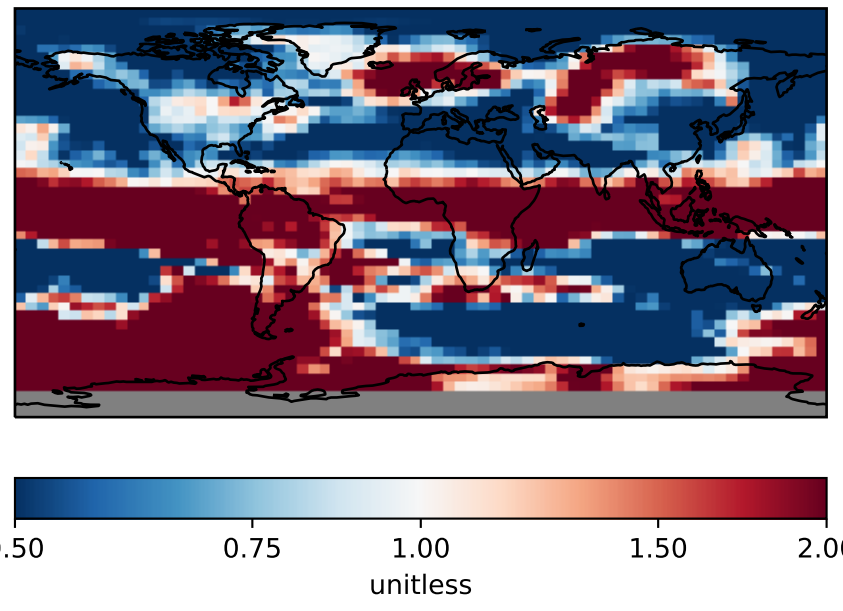
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

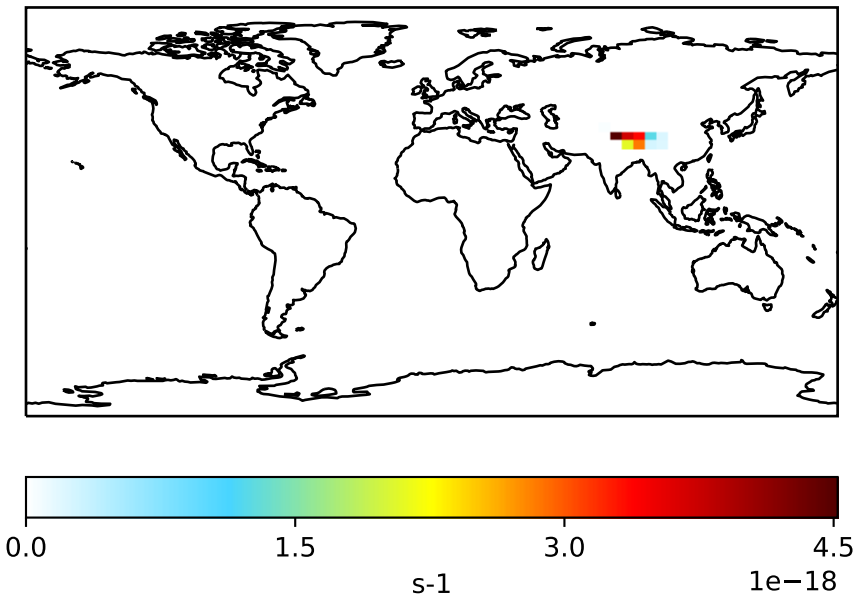


Ratio
Dev/Ref, Fixed Range

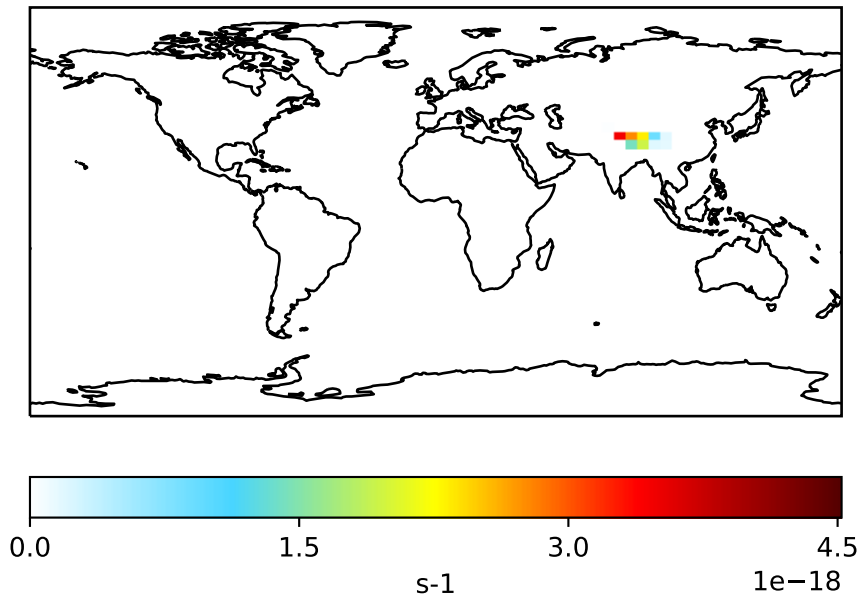


Jval_HCFC141b (Jul2019)

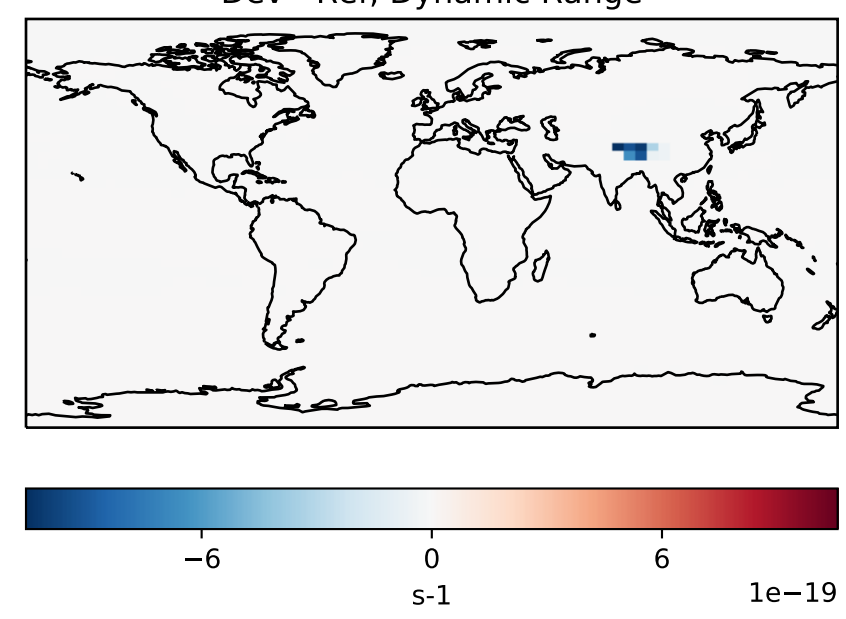
GCC_12.9.0 (Ref)
4.0x5.0



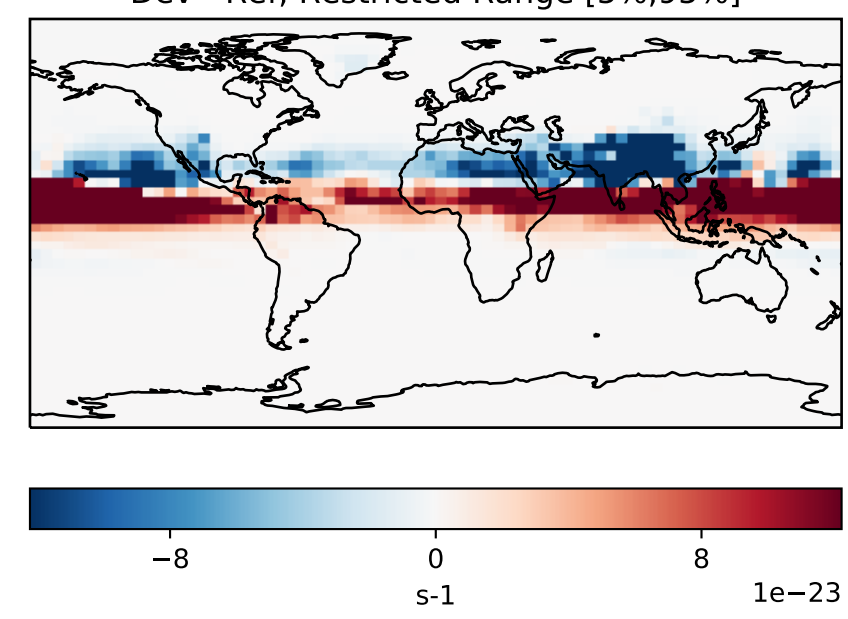
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



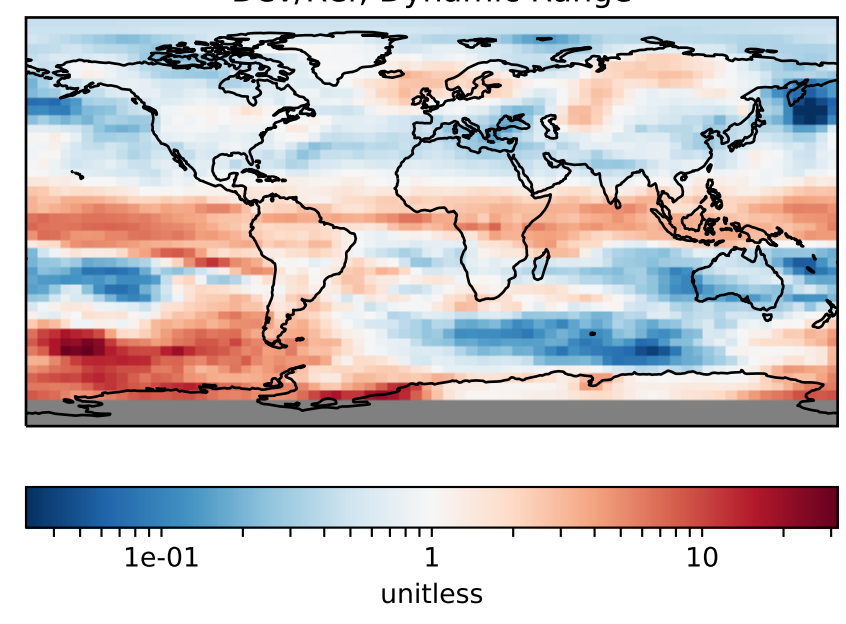
Difference
Dev - Ref, Dynamic Range



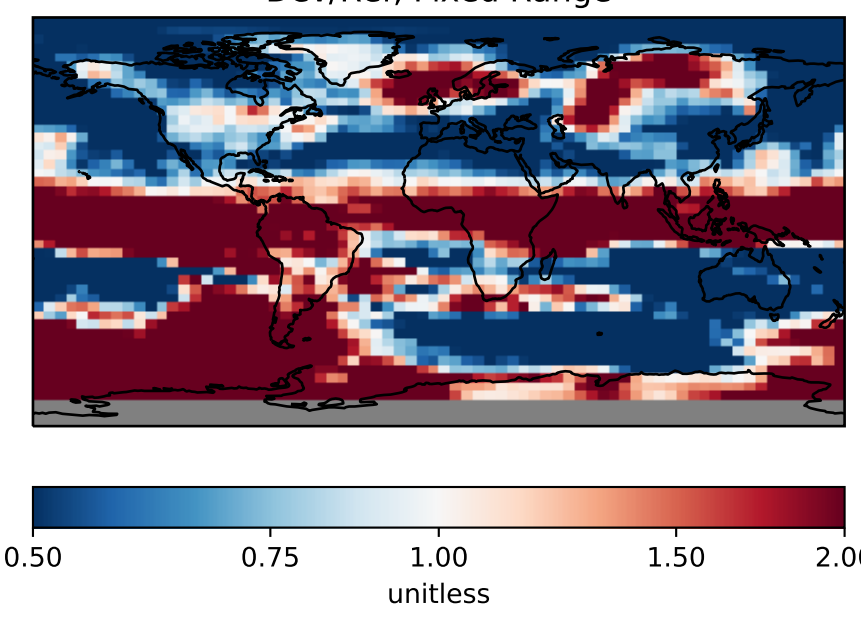
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

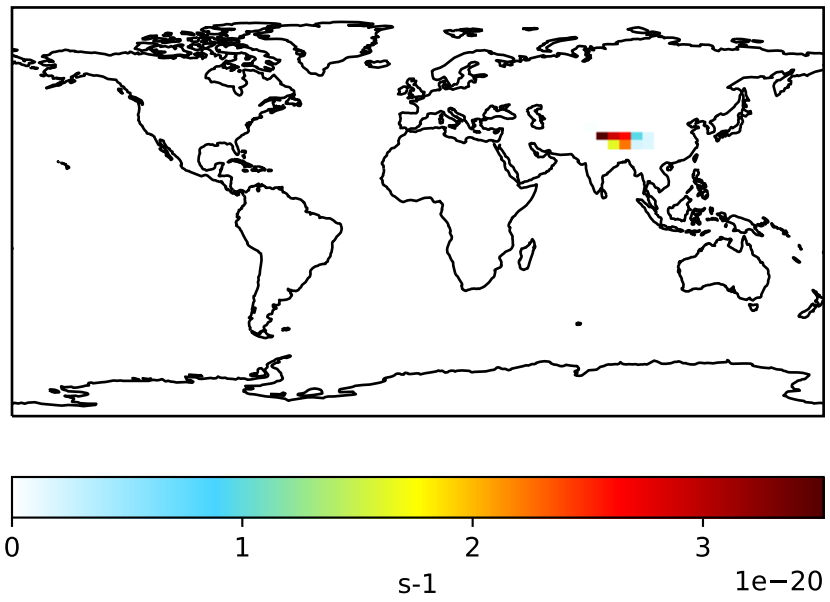


Ratio
Dev/Ref, Fixed Range

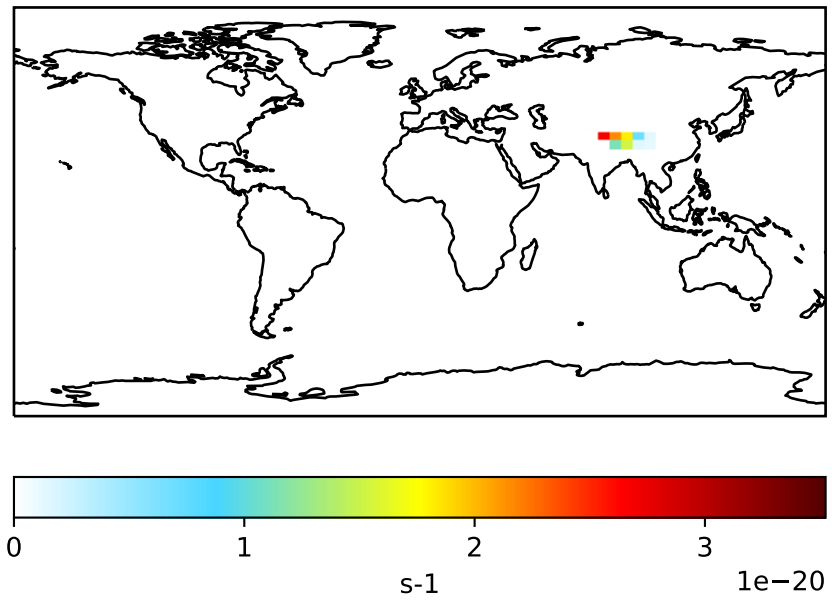


Jval_HCFC142b (Jul2019)

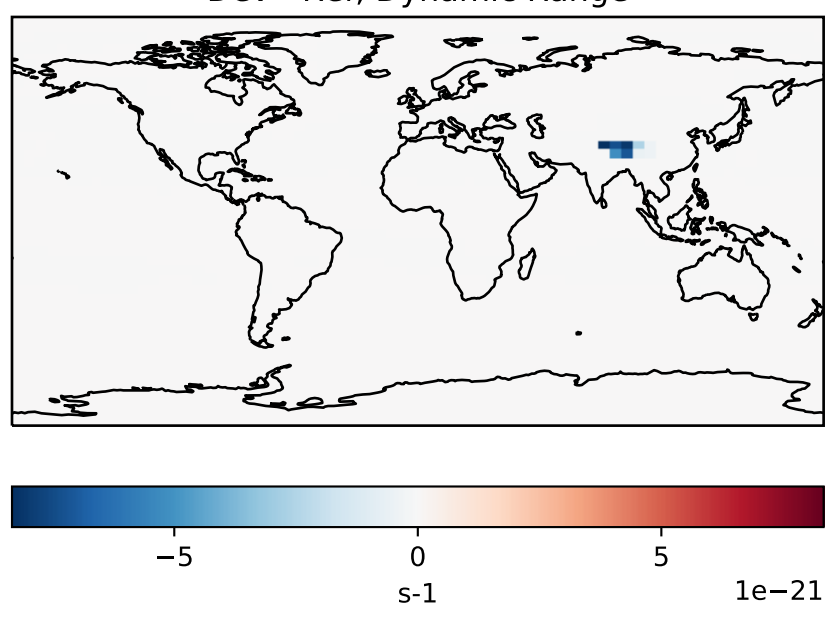
GCC_12.9.0 (Ref)
4.0x5.0



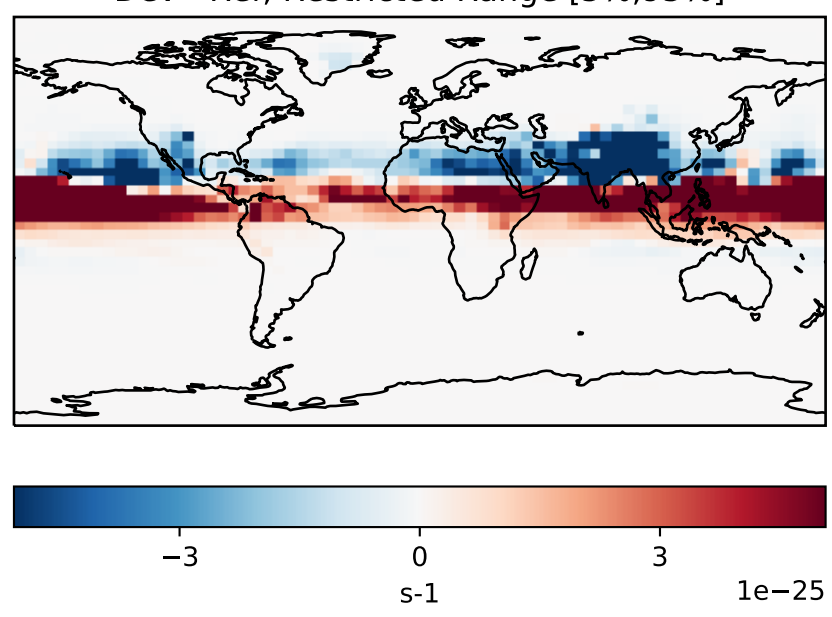
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



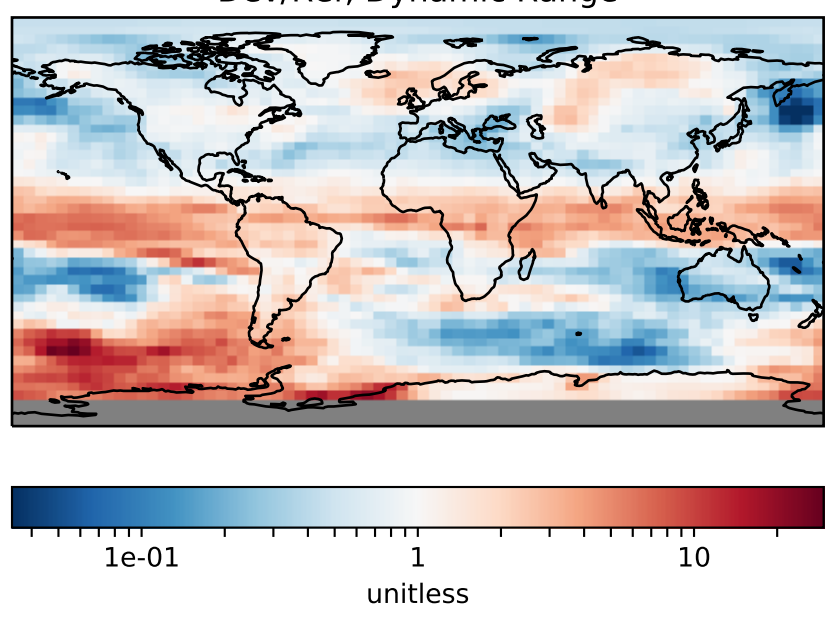
Difference
Dev - Ref, Dynamic Range



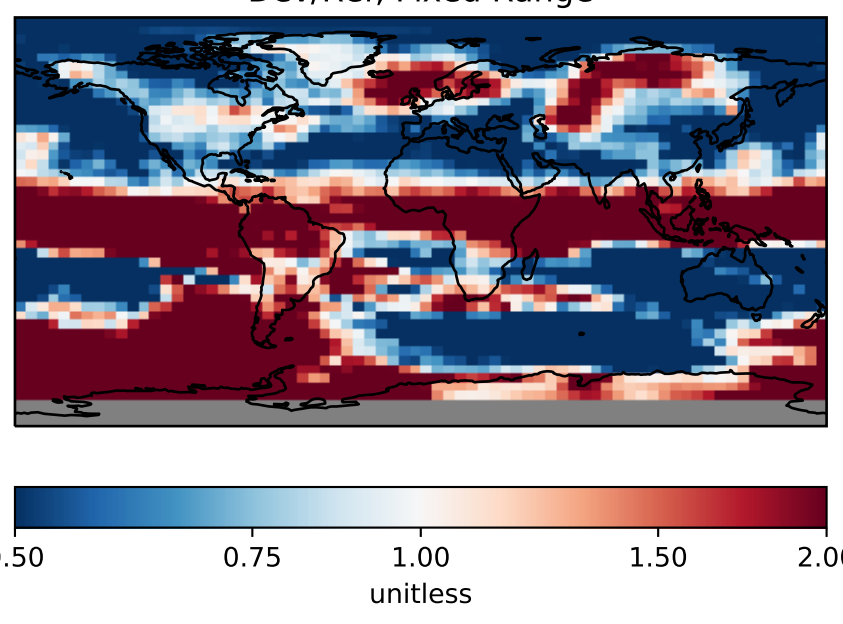
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

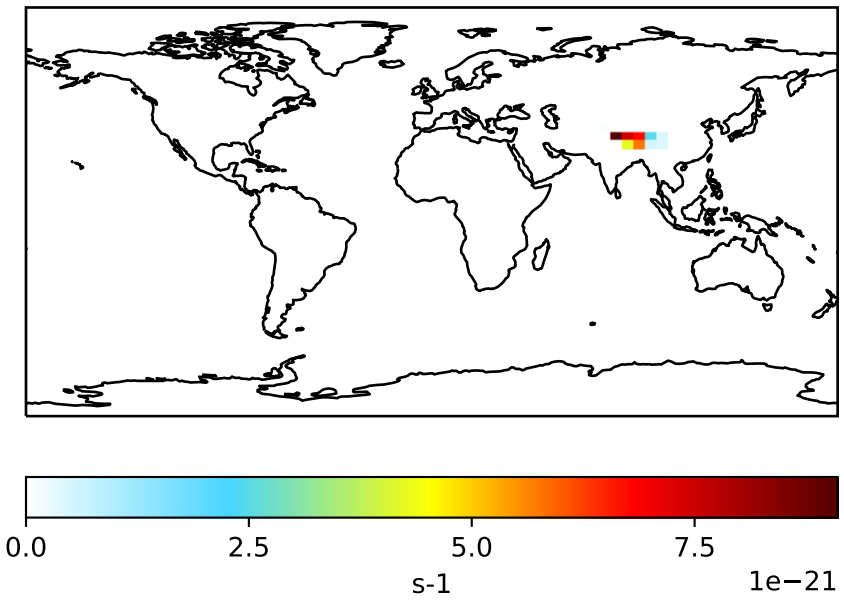


Ratio
Dev/Ref, Fixed Range

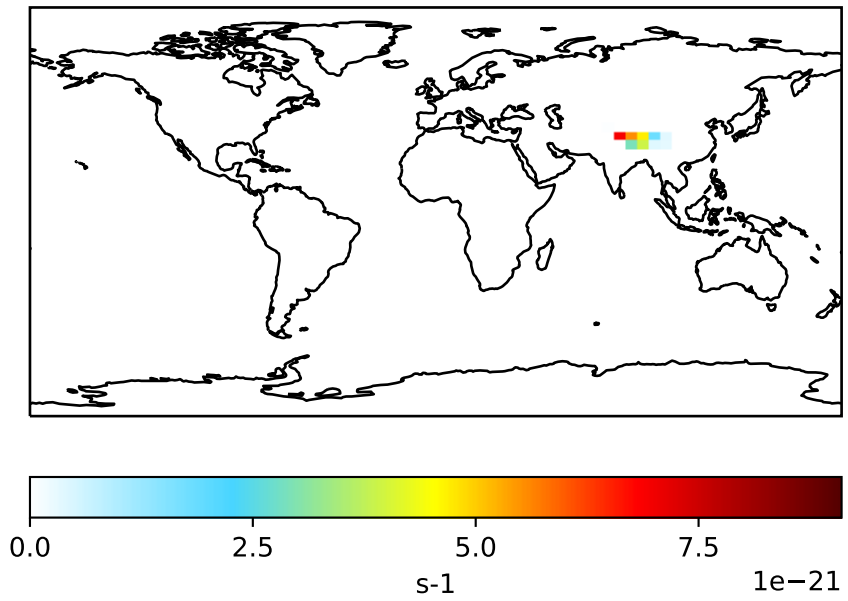


Jval_HCFC22 (Jul2019)

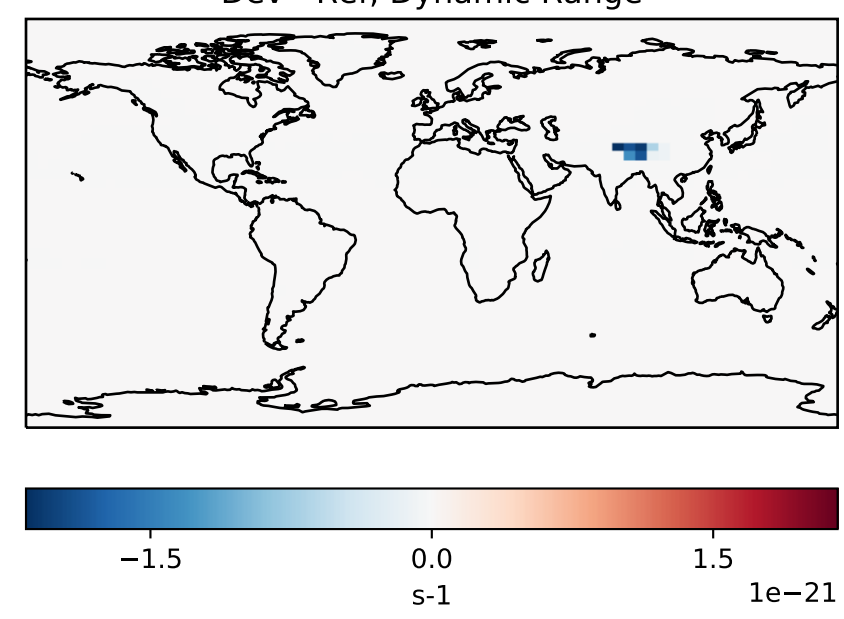
GCC_12.9.0 (Ref)
4.0x5.0



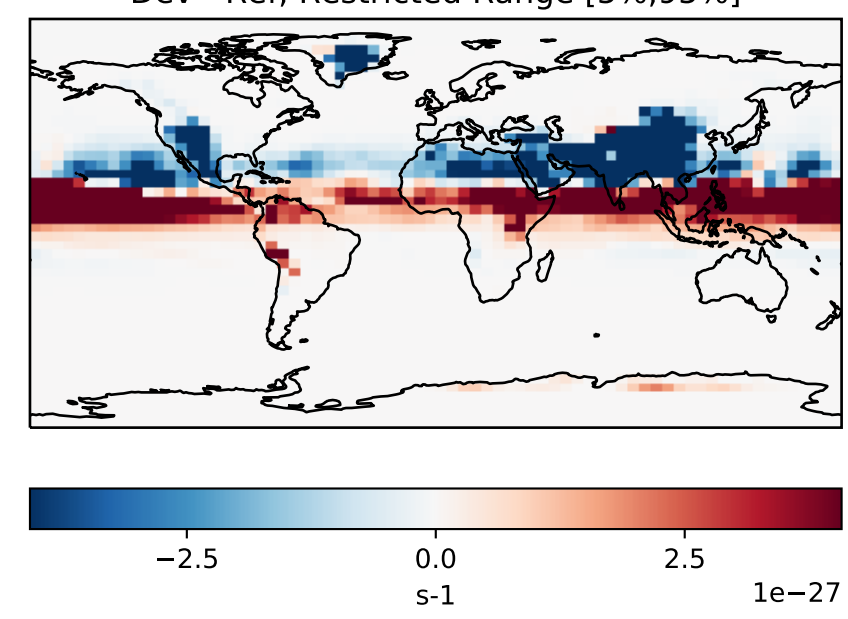
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



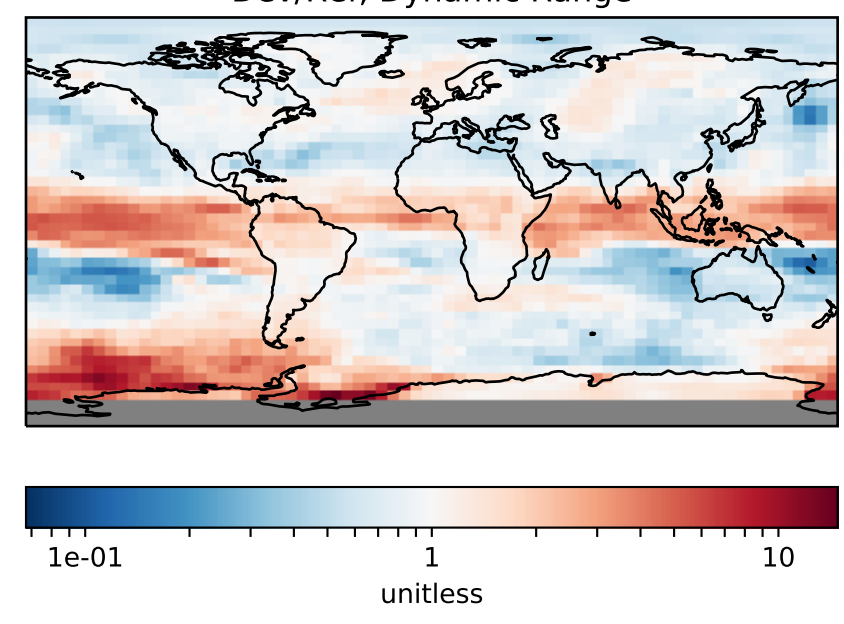
Difference
Dev - Ref, Dynamic Range



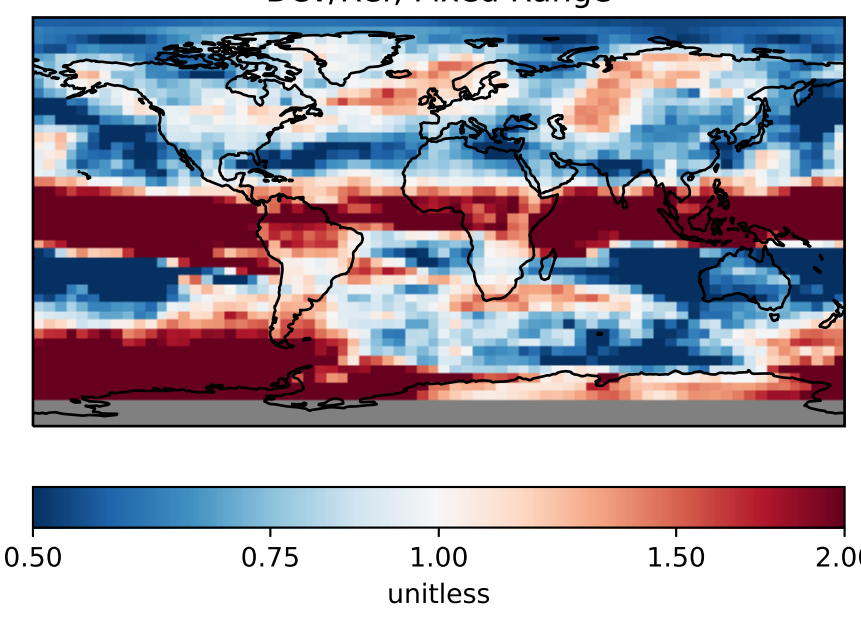
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

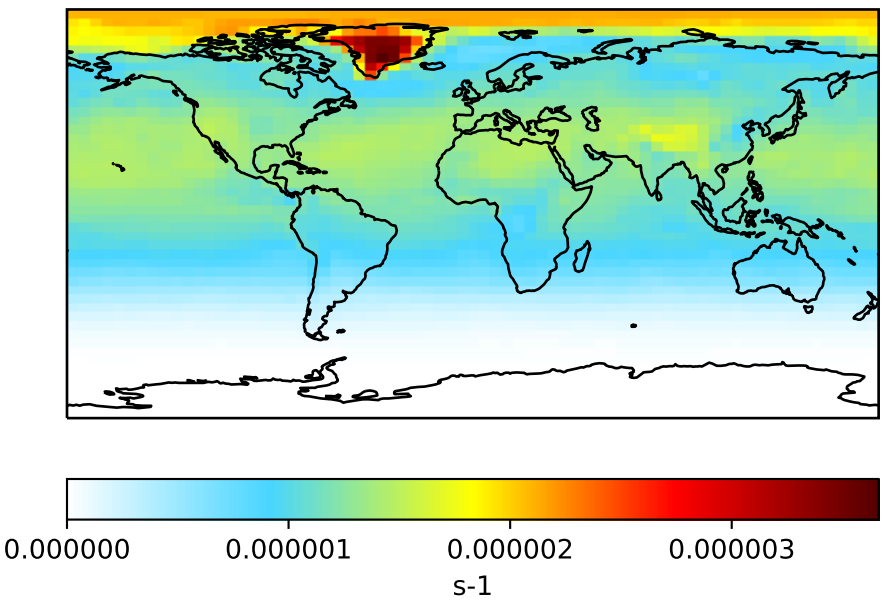


Ratio
Dev/Ref, Fixed Range

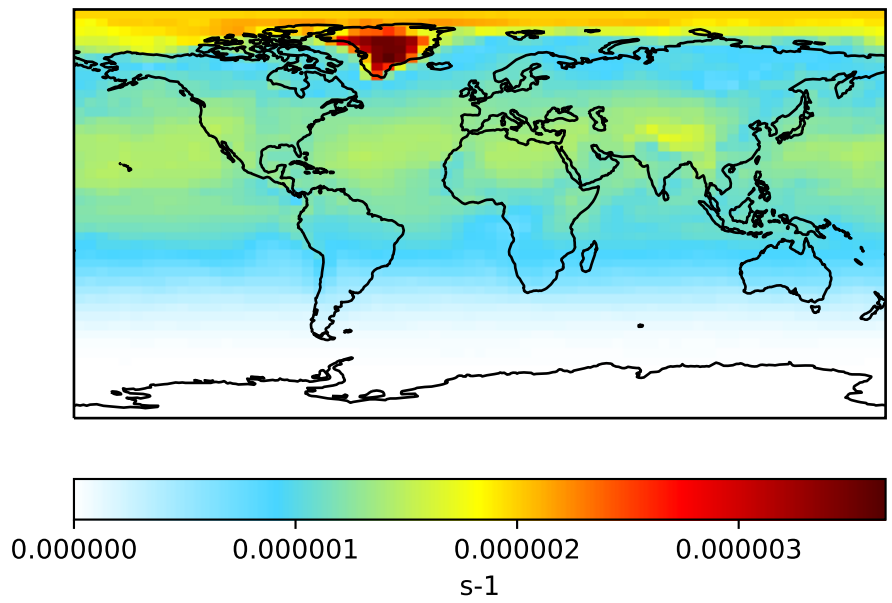


Jval_HMHP (Jul2019)

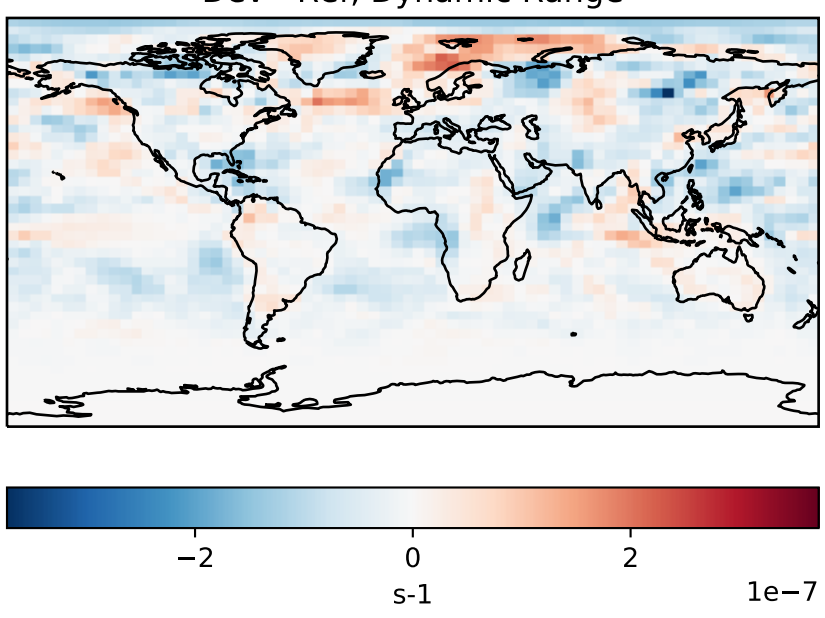
GCC_12.9.0 (Ref)
4.0x5.0



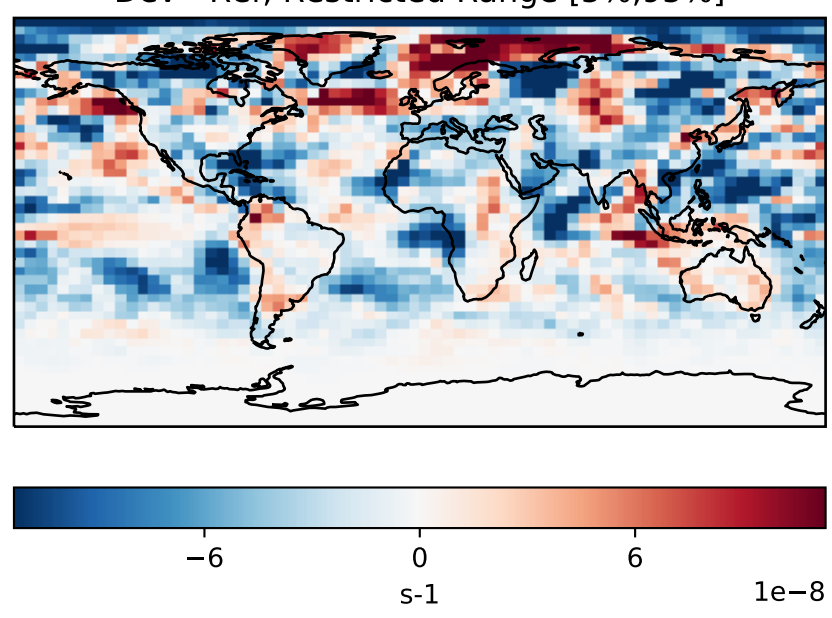
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



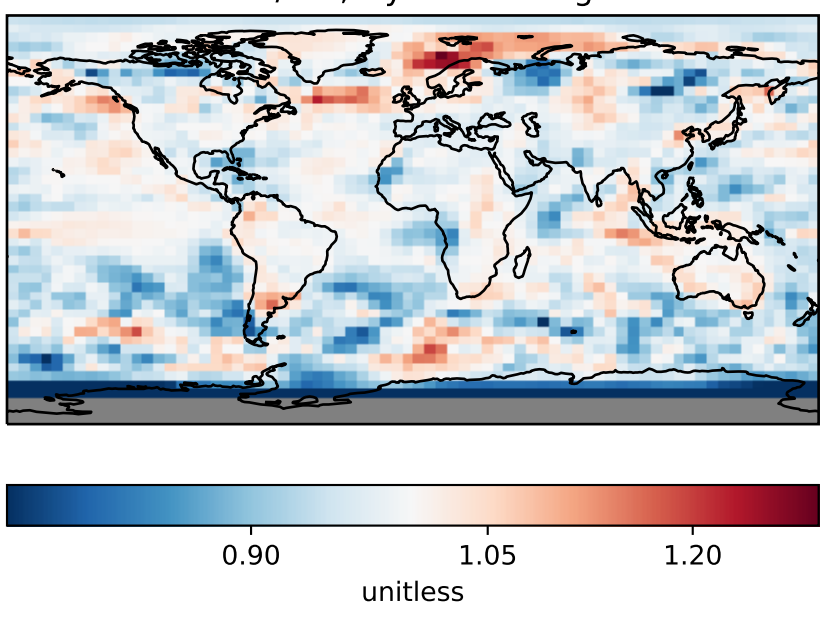
Difference
Dev - Ref, Dynamic Range



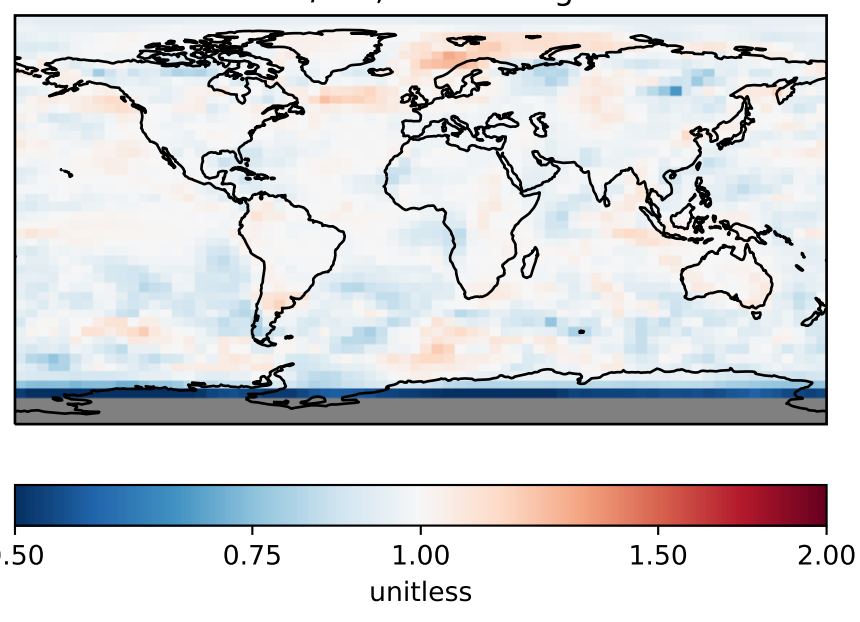
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

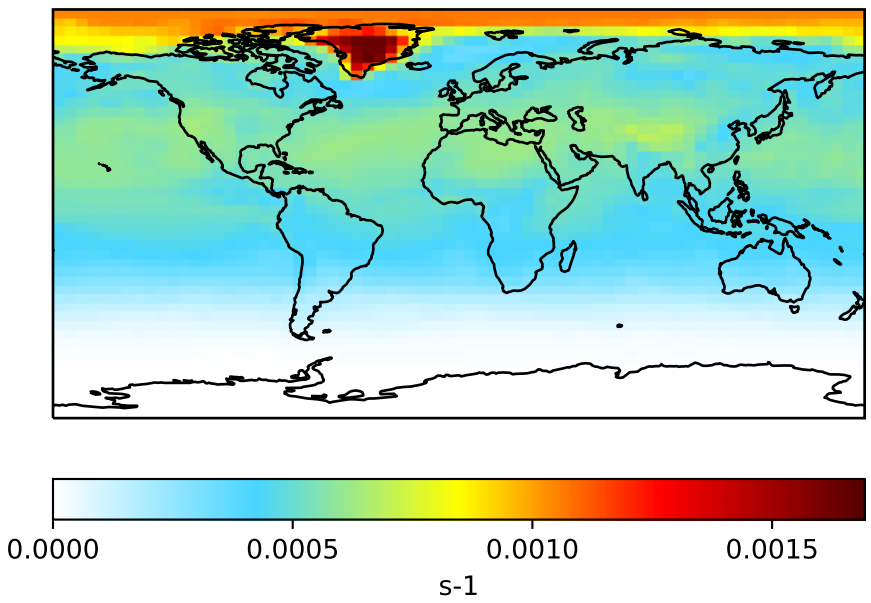


Ratio
Dev/Ref, Fixed Range

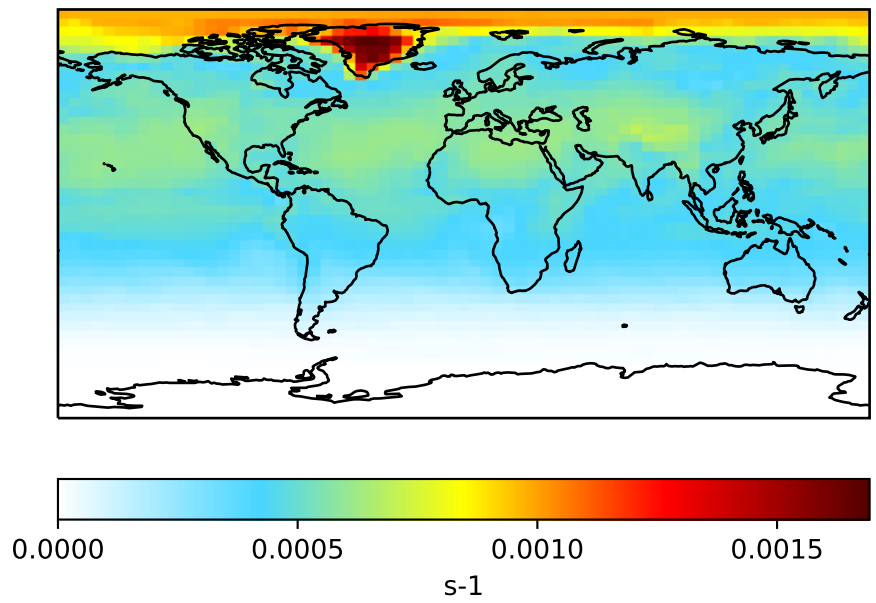


Jval_HNO2 (Jul2019)

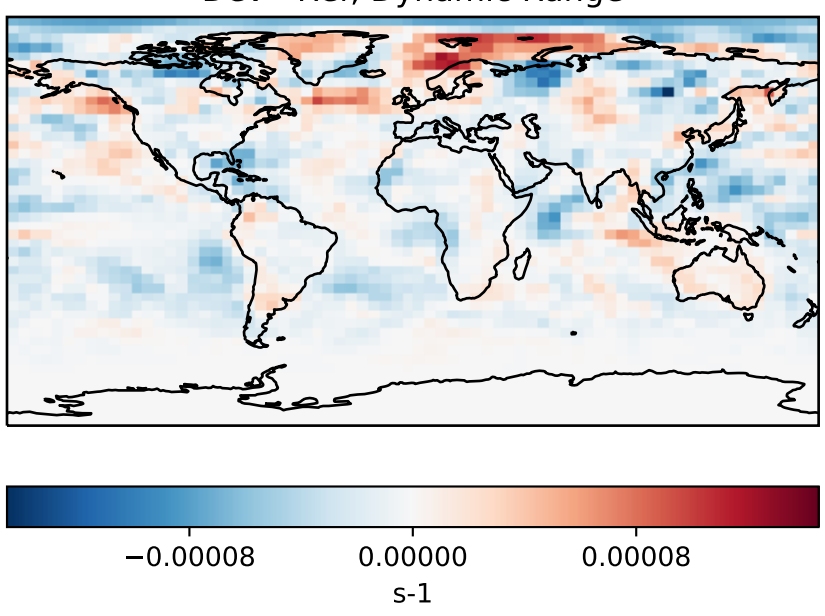
GCC_12.9.0 (Ref)
4.0x5.0



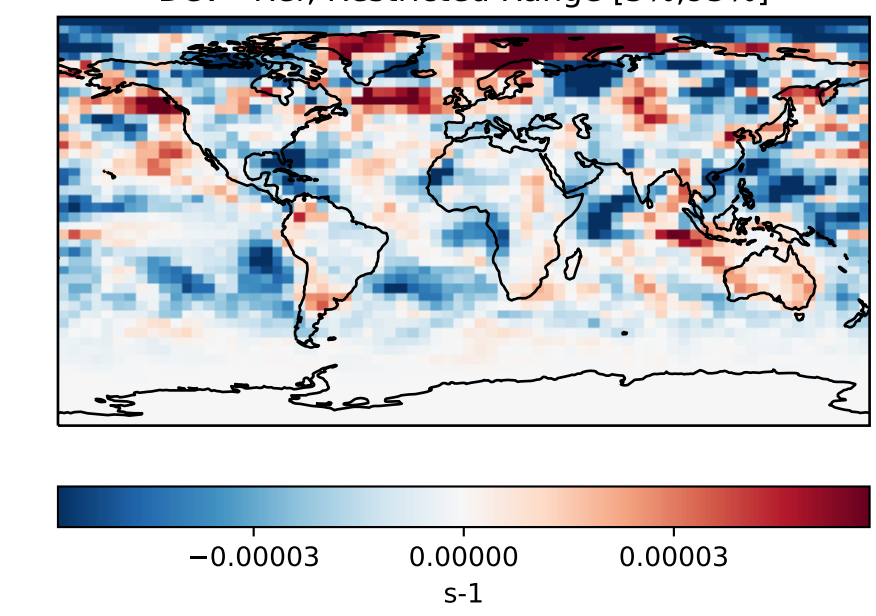
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



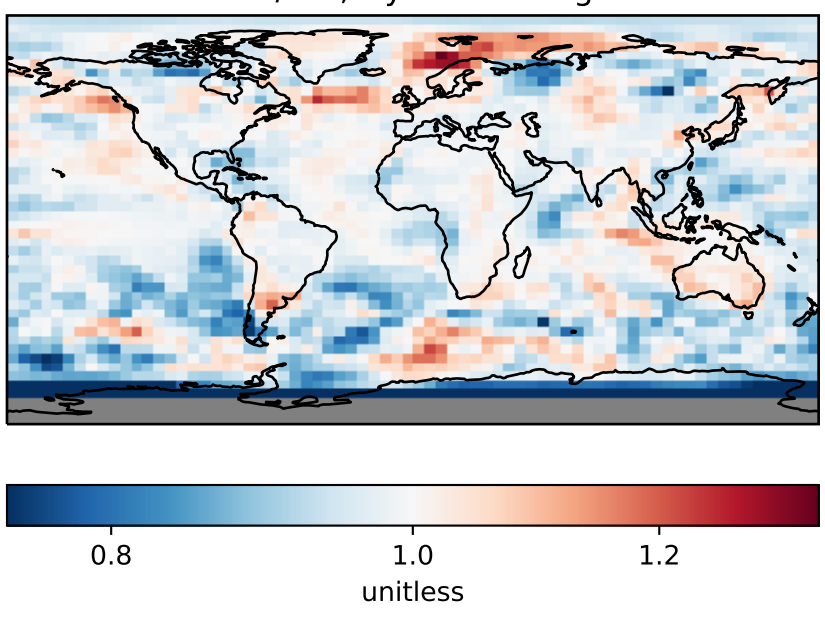
Difference
Dev - Ref, Dynamic Range



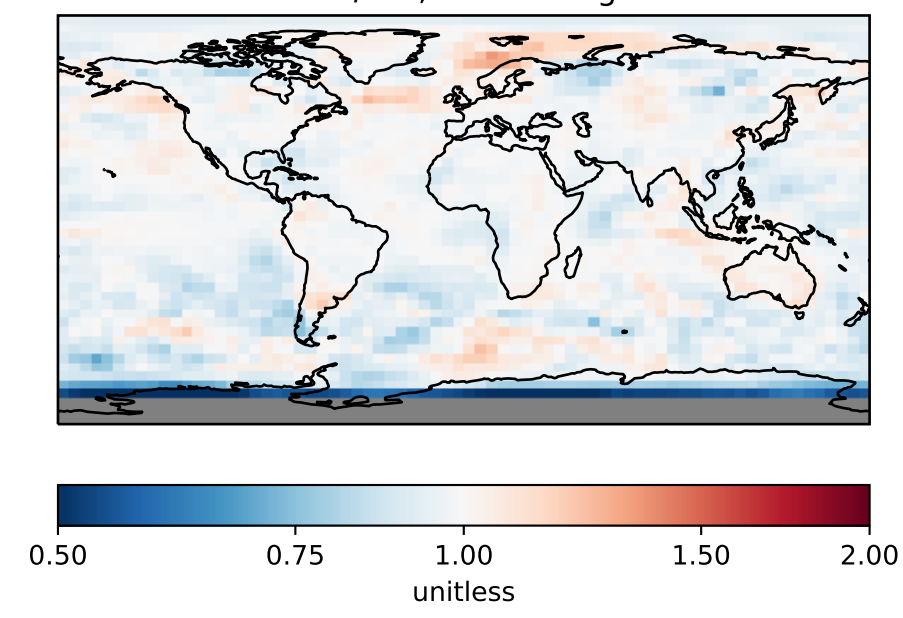
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

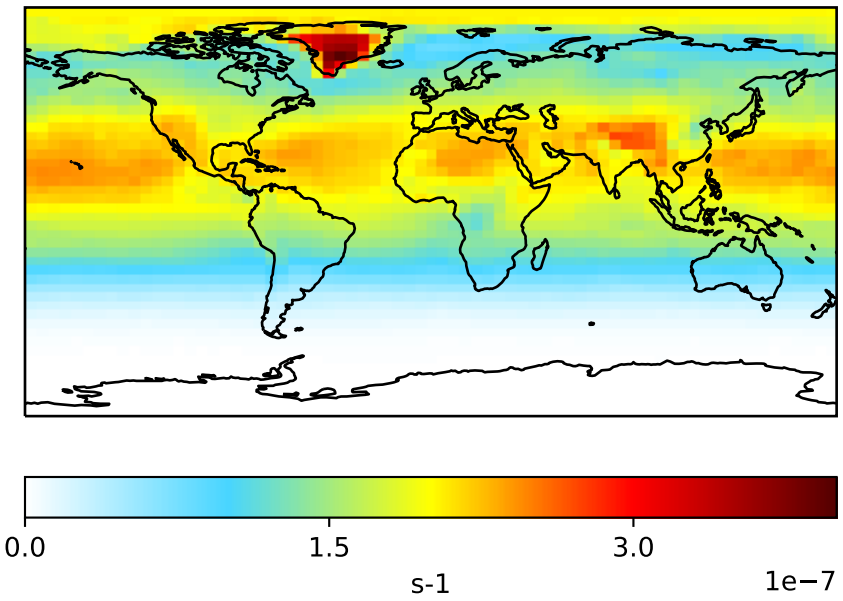


Ratio
Dev/Ref, Fixed Range

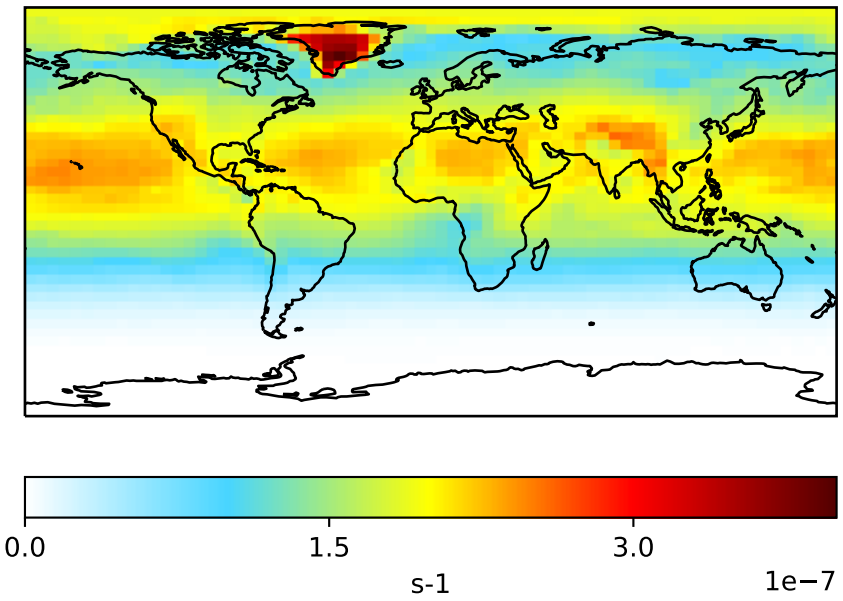


Jval_HNO3 (Jul2019)

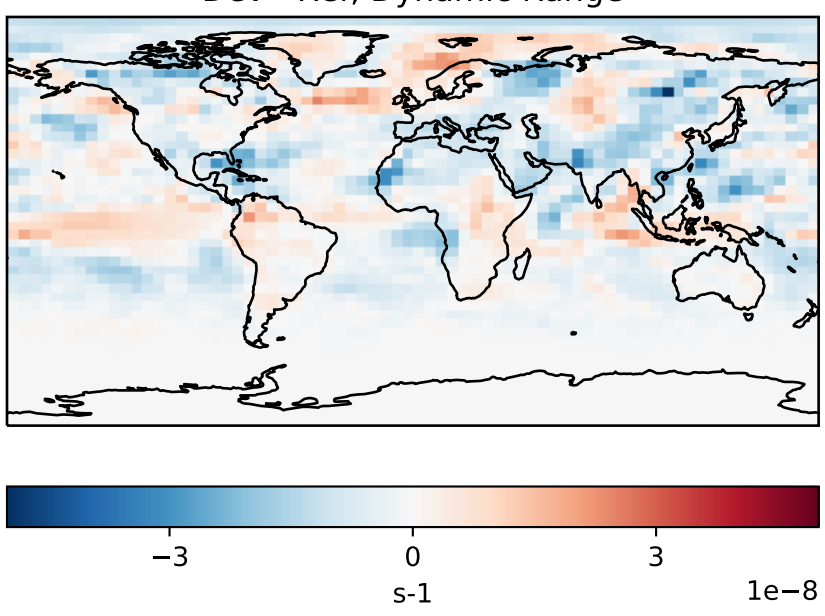
GCC_12.9.0 (Ref)
4.0x5.0



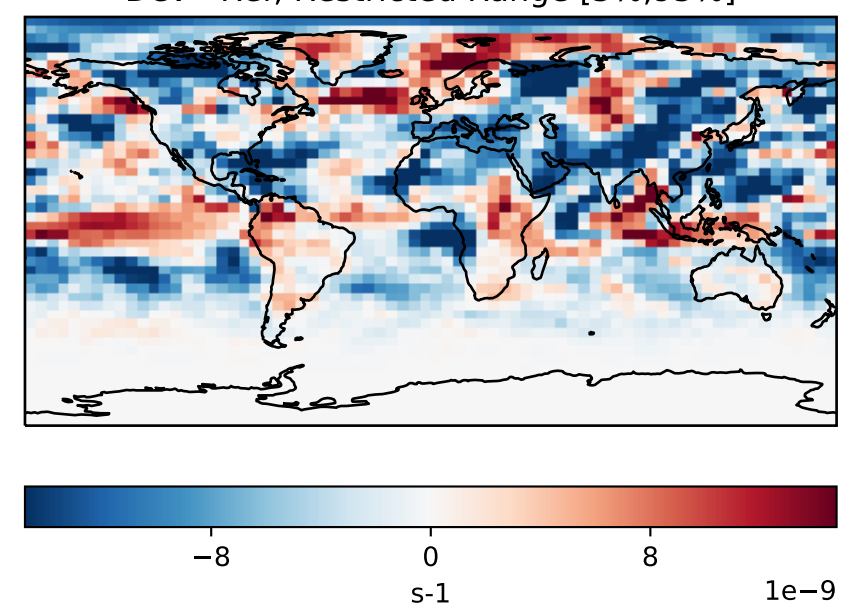
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



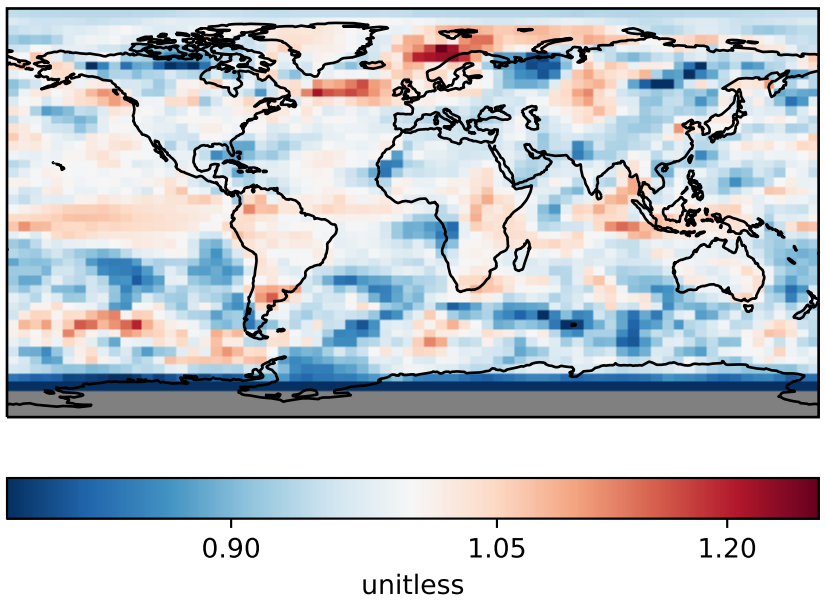
Difference
Dev - Ref, Dynamic Range



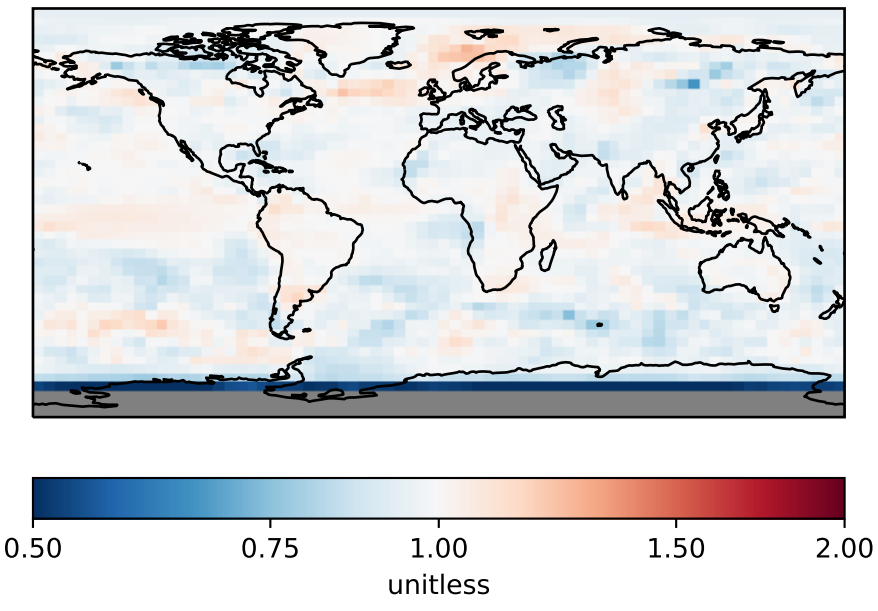
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

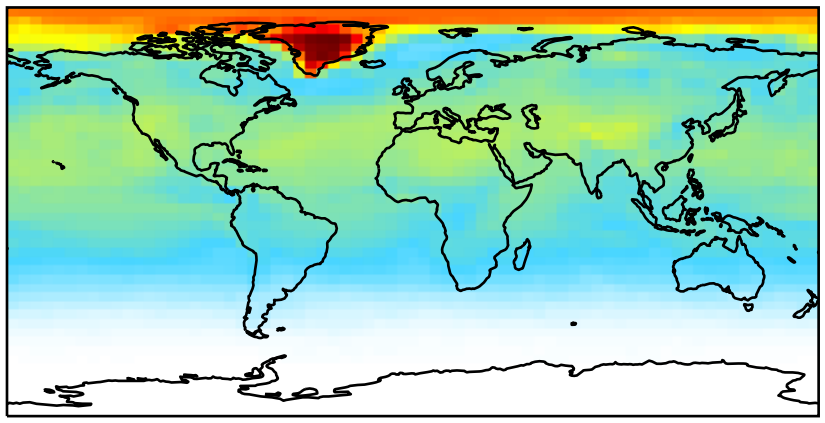


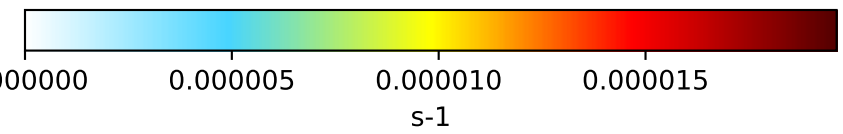
Ratio
Dev/Ref, Fixed Range



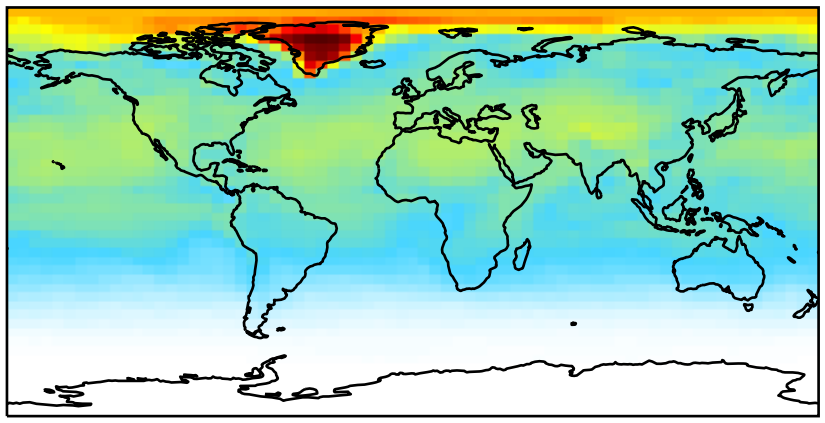
Jval_HNO4 (Jul2019)

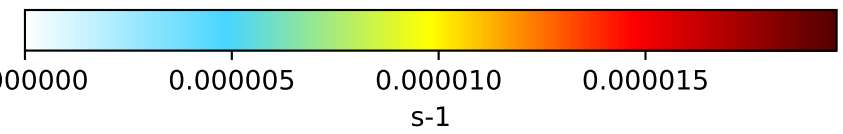
GCC_12.9.0 (Ref)
4.0x5.0



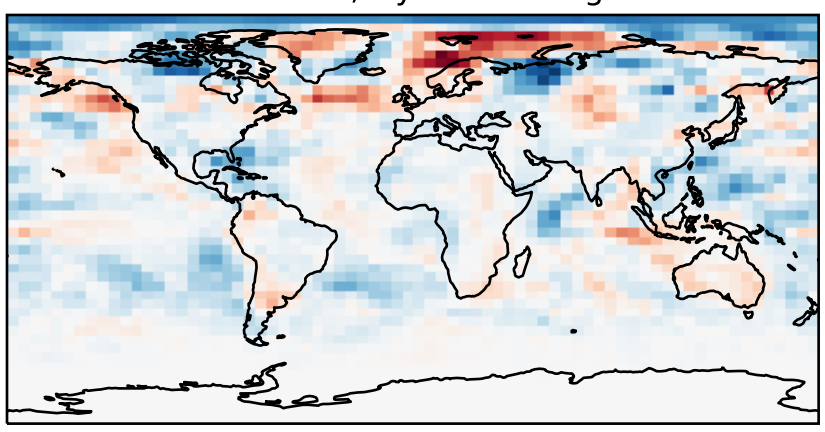


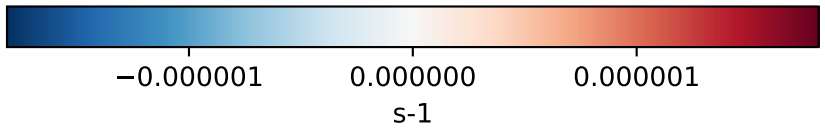
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



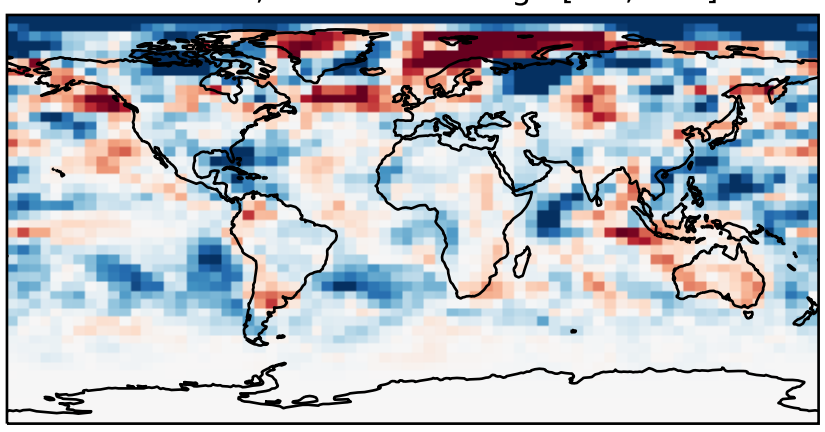


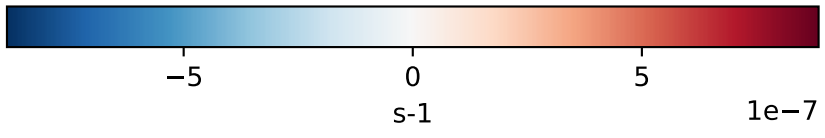
Difference
Dev - Ref, Dynamic Range



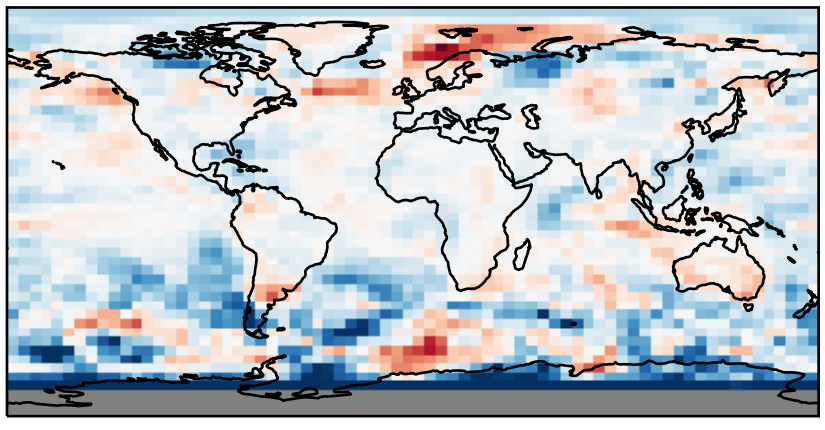


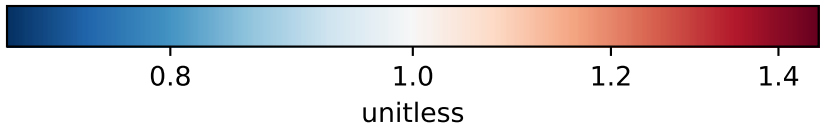
Difference
Dev - Ref, Restricted Range [5%,95%]



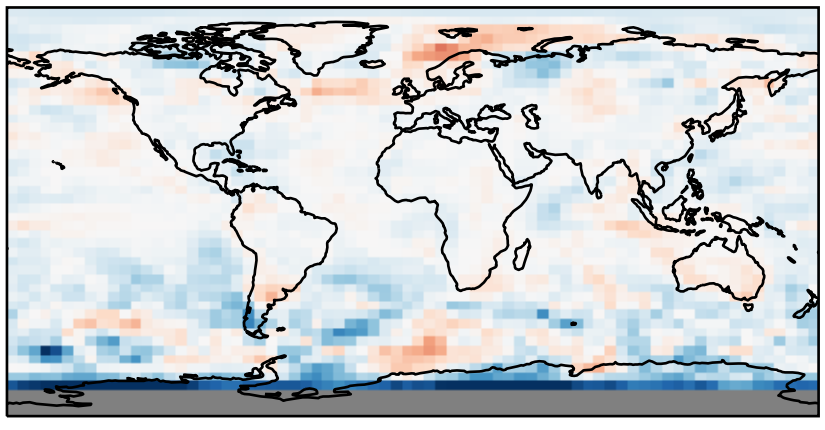


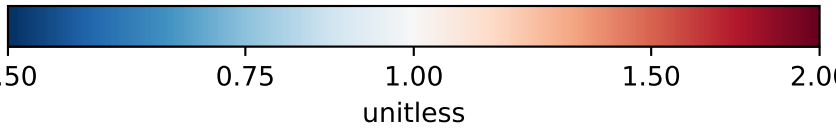
Ratio
Dev/Ref, Dynamic Range





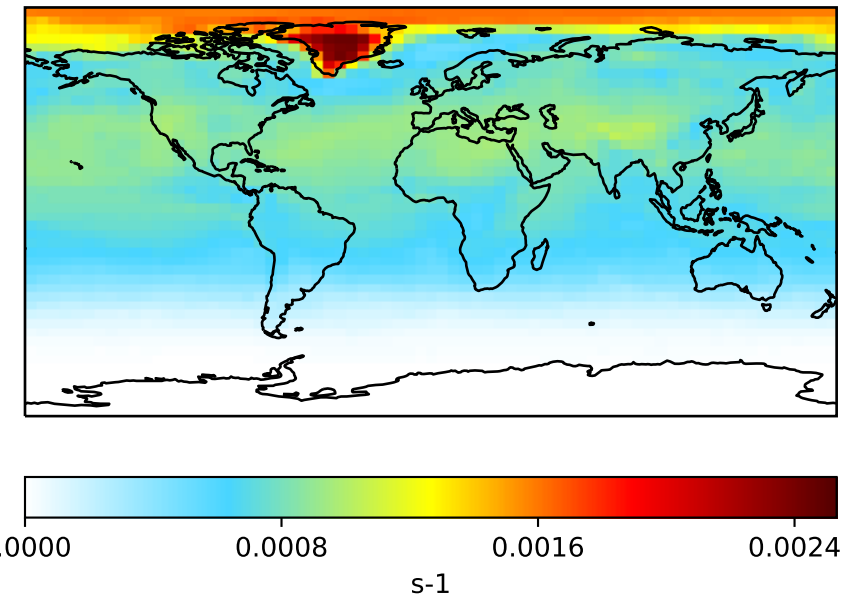
Ratio
Dev/Ref, Fixed Range



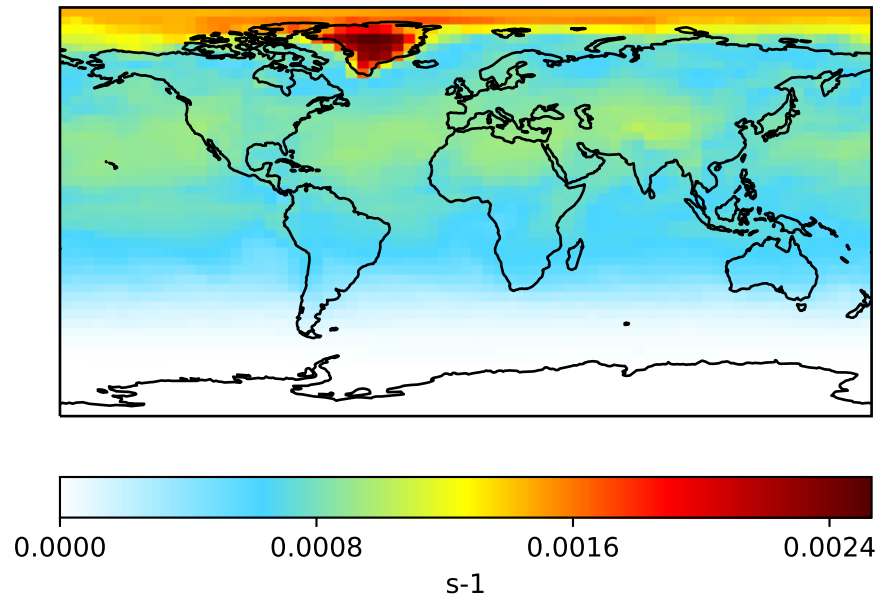


Jval_HOBr (Jul2019)

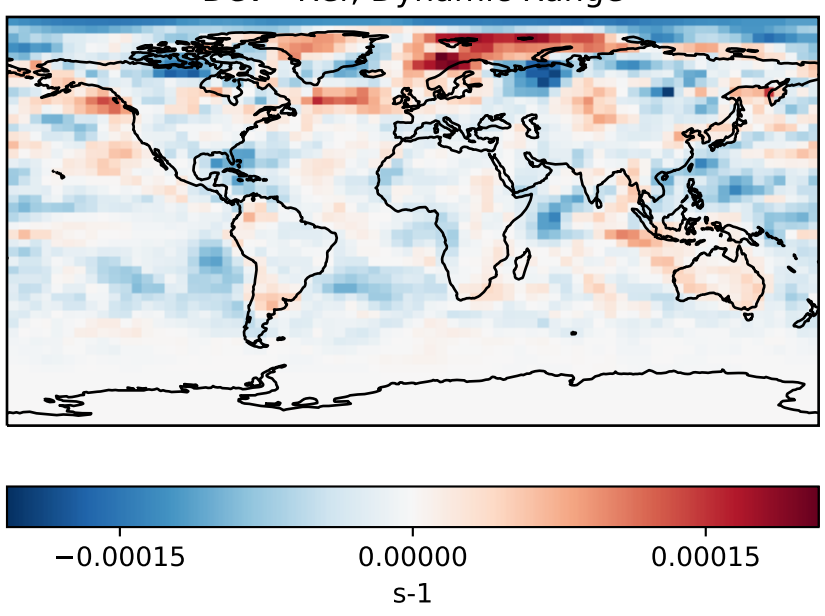
GCC_12.9.0 (Ref)
4.0x5.0



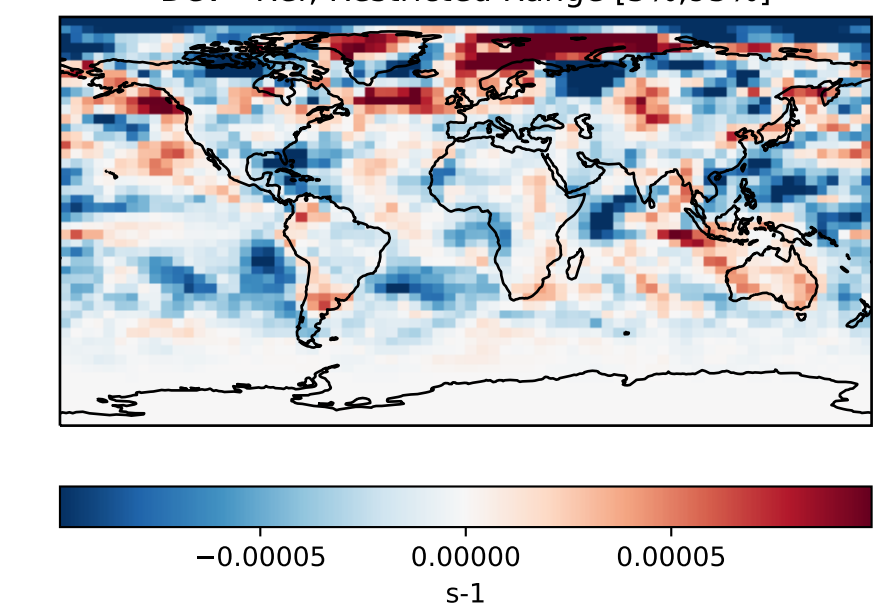
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



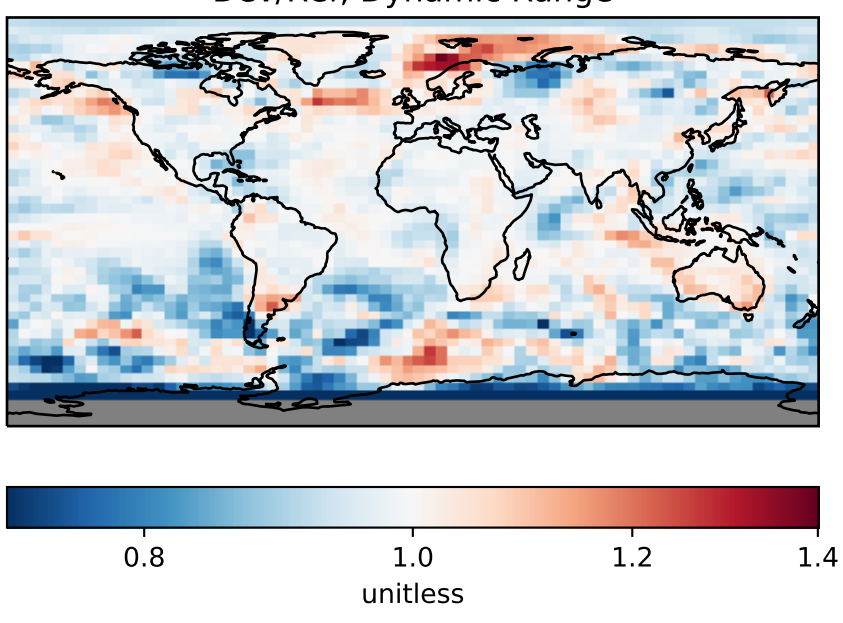
Difference
Dev - Ref, Dynamic Range



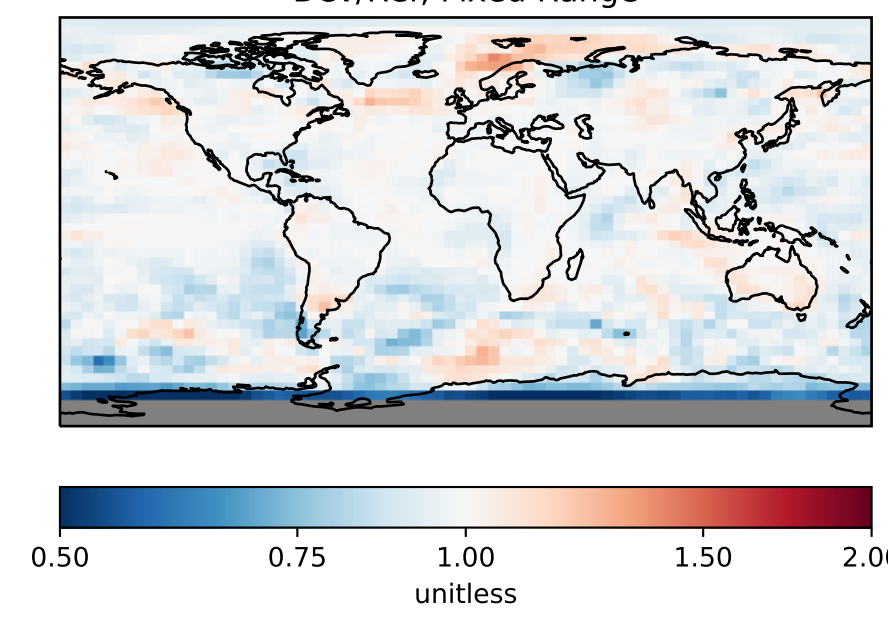
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

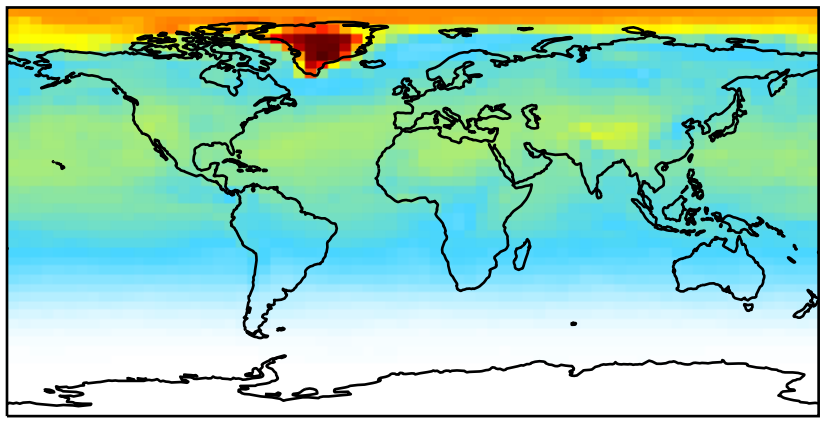


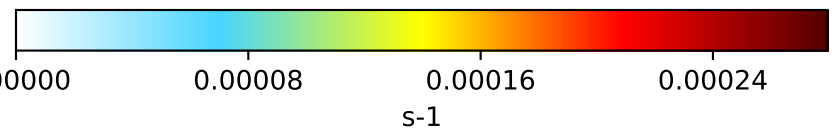
Ratio
Dev/Ref, Fixed Range



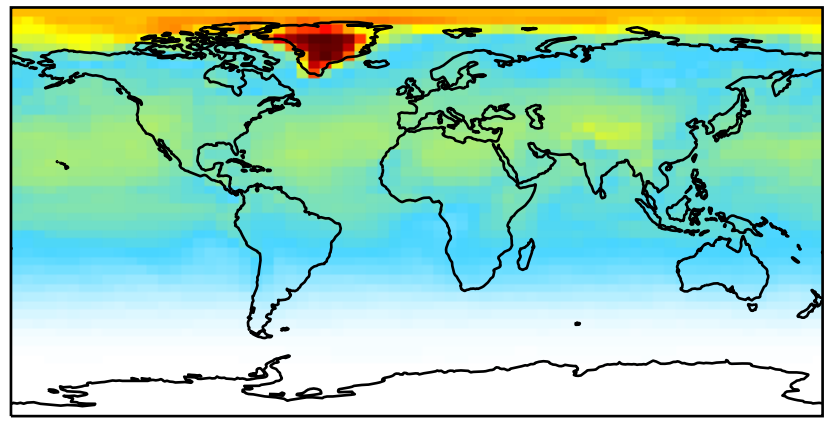
Jval_HOCl (Jul2019)

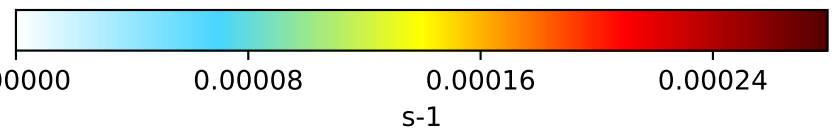
GCC_12.9.0 (Ref)
4.0x5.0



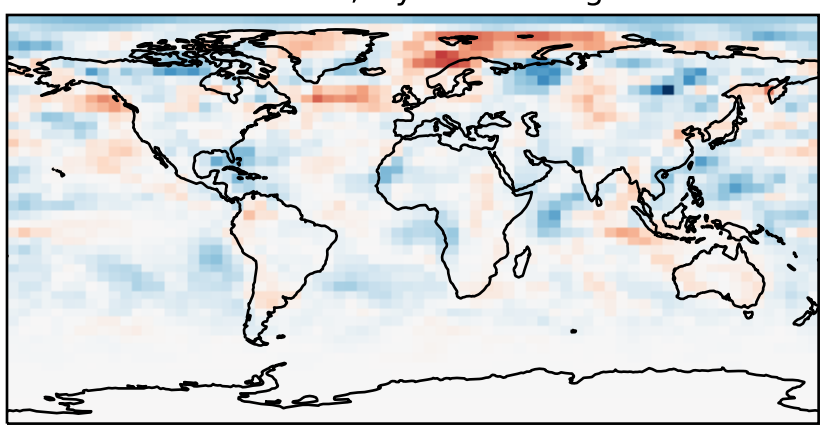


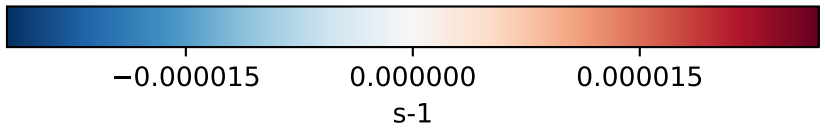
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



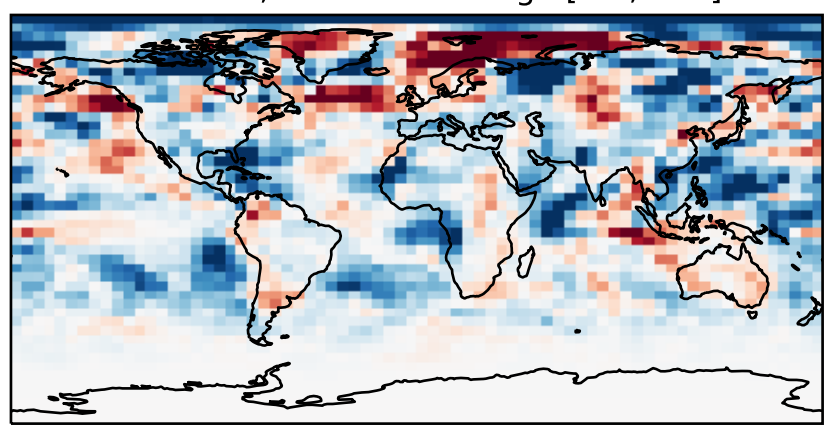


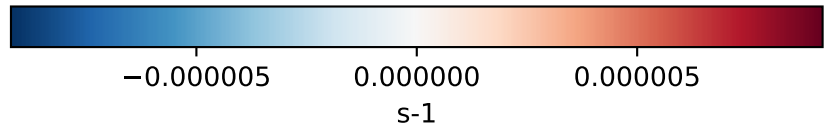
Difference
Dev - Ref, Dynamic Range



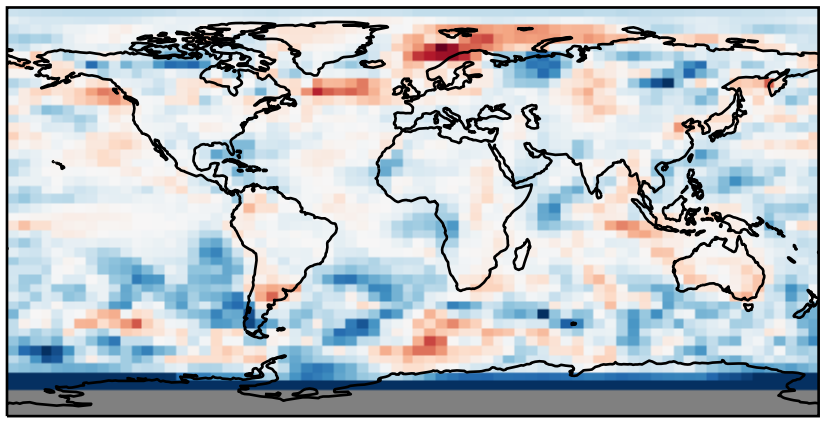


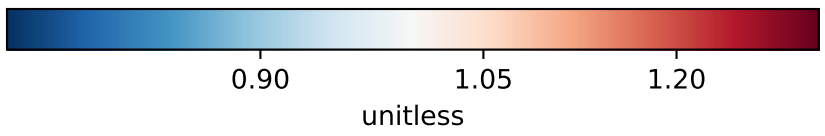
Difference
Dev - Ref, Restricted Range [5%,95%]



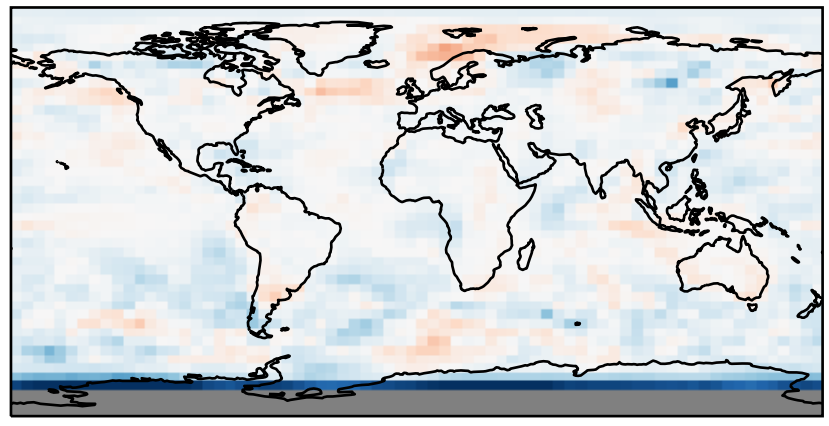


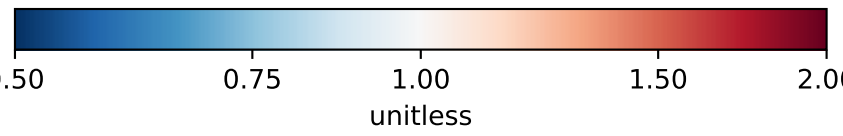
Ratio
Dev/Ref, Dynamic Range





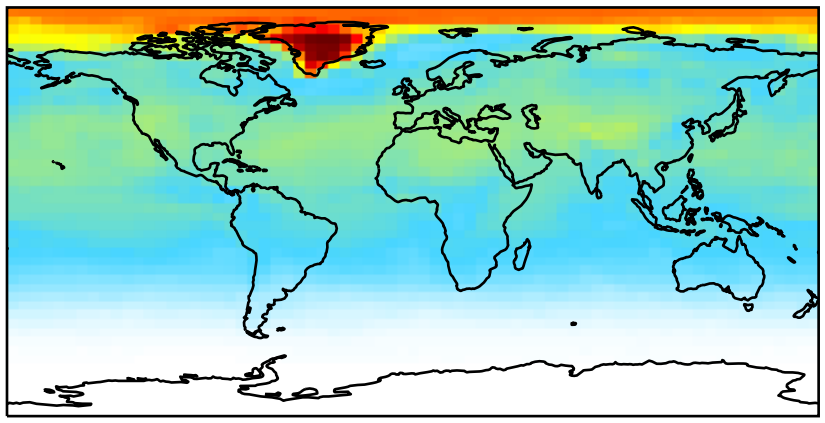
Ratio
Dev/Ref, Fixed Range

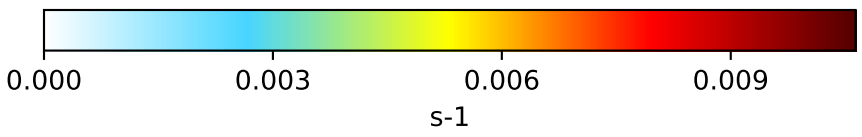




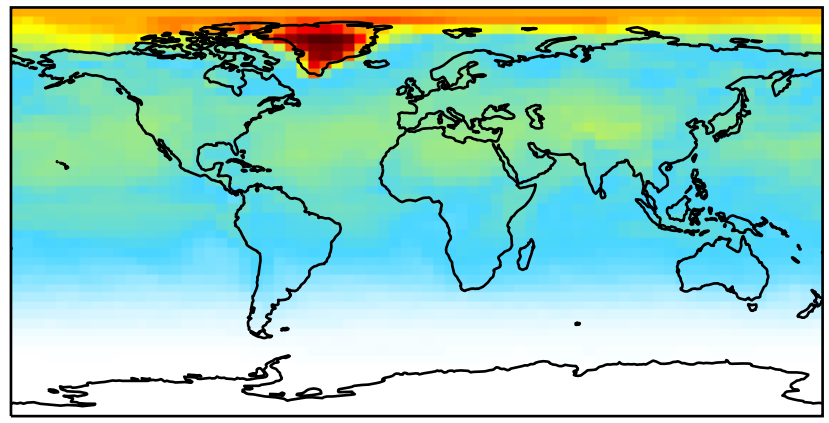
Jval_HOI (Jul2019)

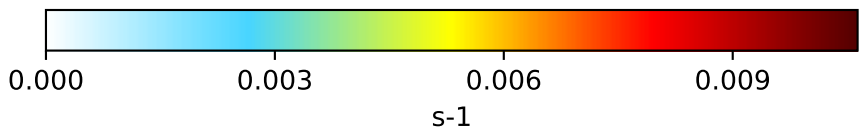
GCC_12.9.0 (Ref)
4.0x5.0



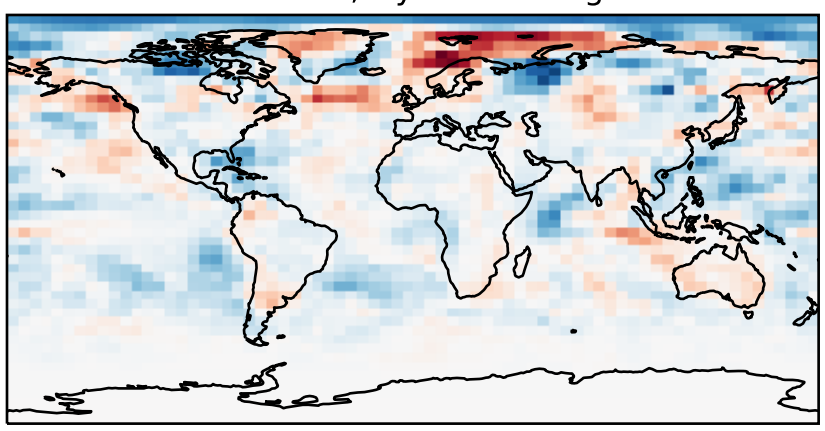


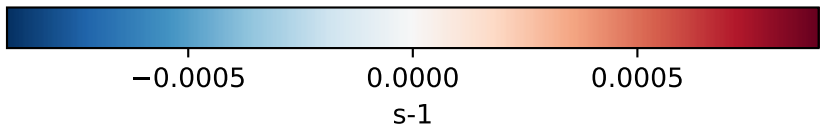
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



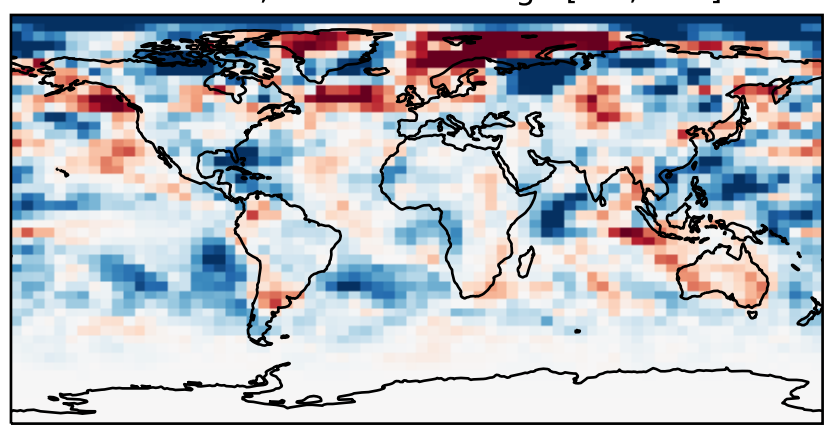


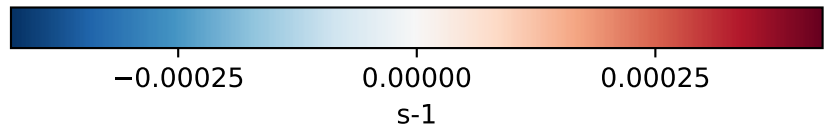
Difference
Dev - Ref, Dynamic Range



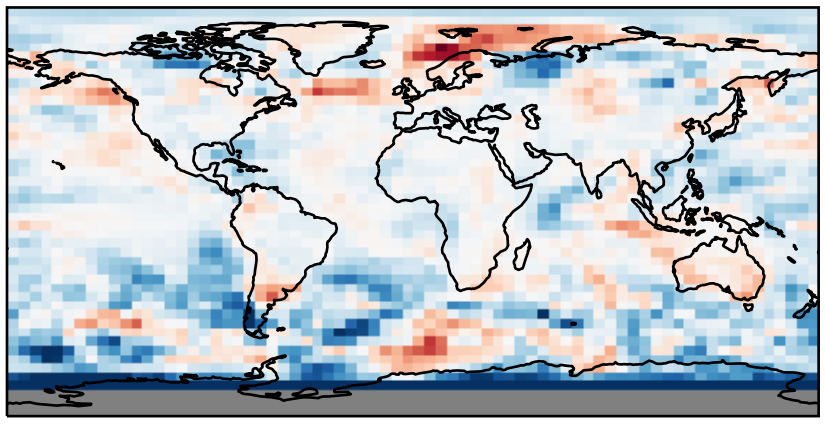


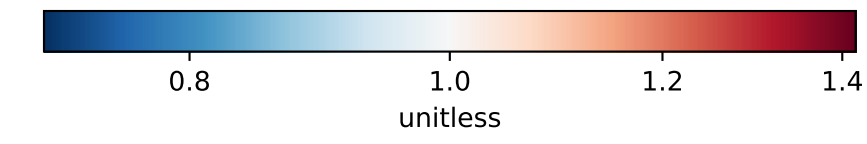
Difference
Dev - Ref, Restricted Range [5%,95%]



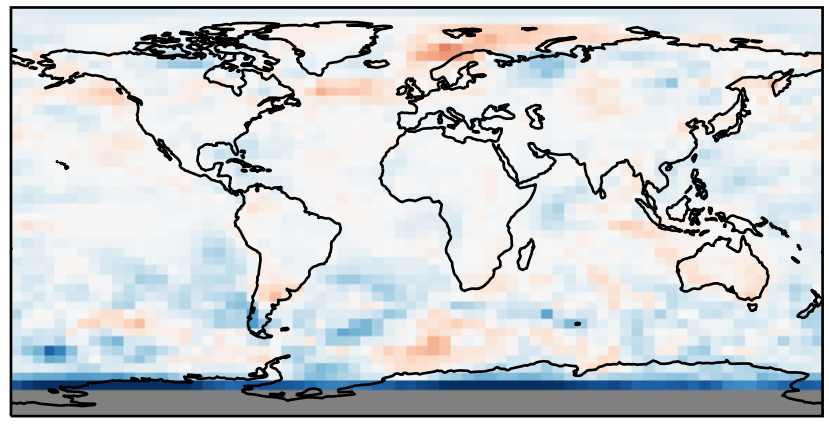


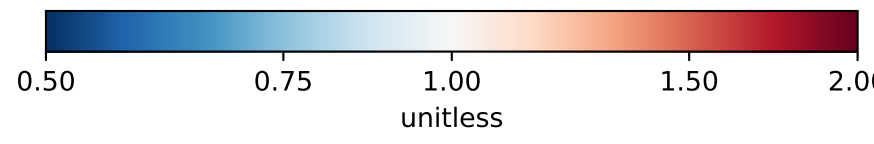
Ratio
Dev/Ref, Dynamic Range





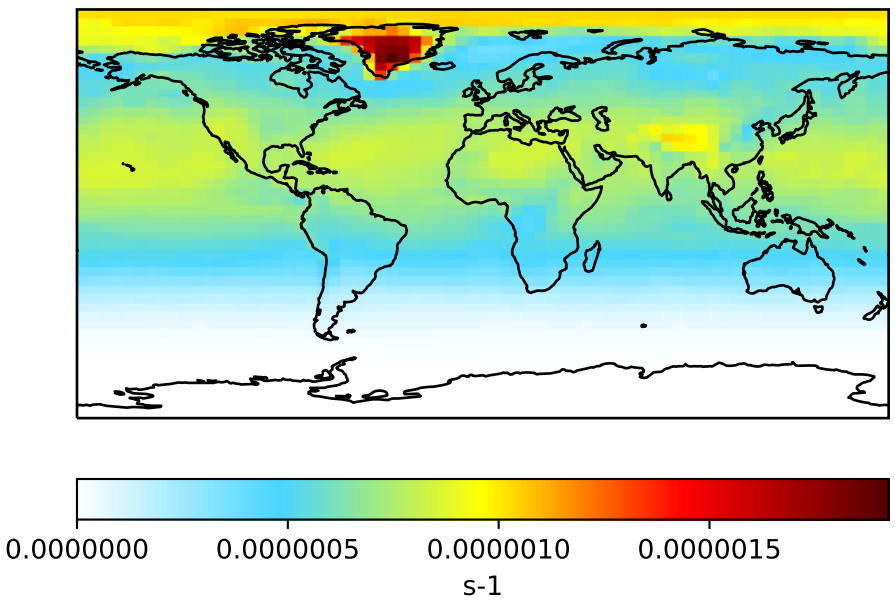
Ratio
Dev/Ref, Fixed Range



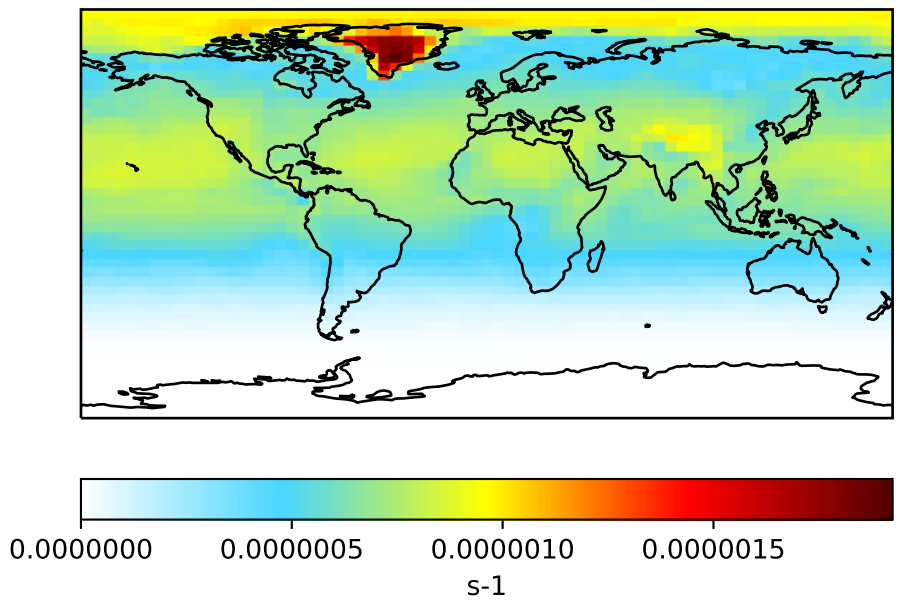


Jval_HONIT (Jul2019)

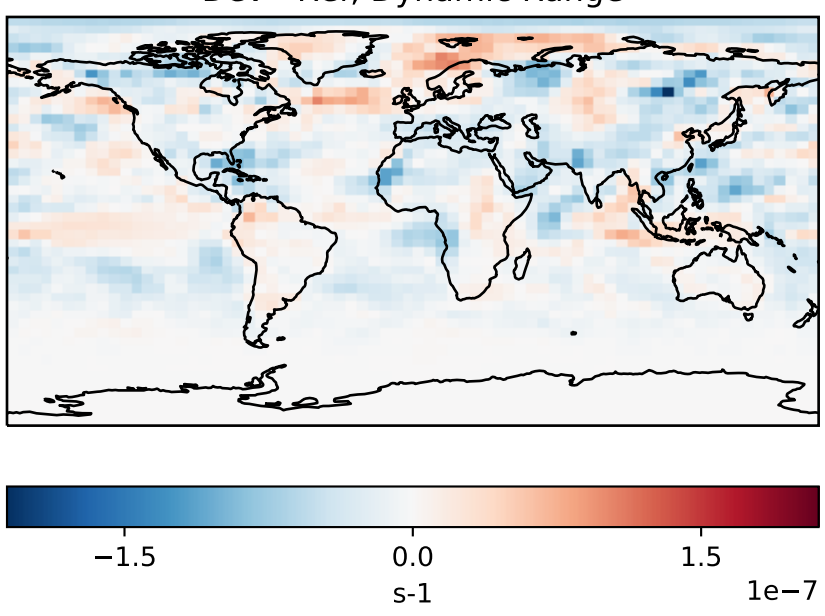
GCC_12.9.0 (Ref)
4.0x5.0



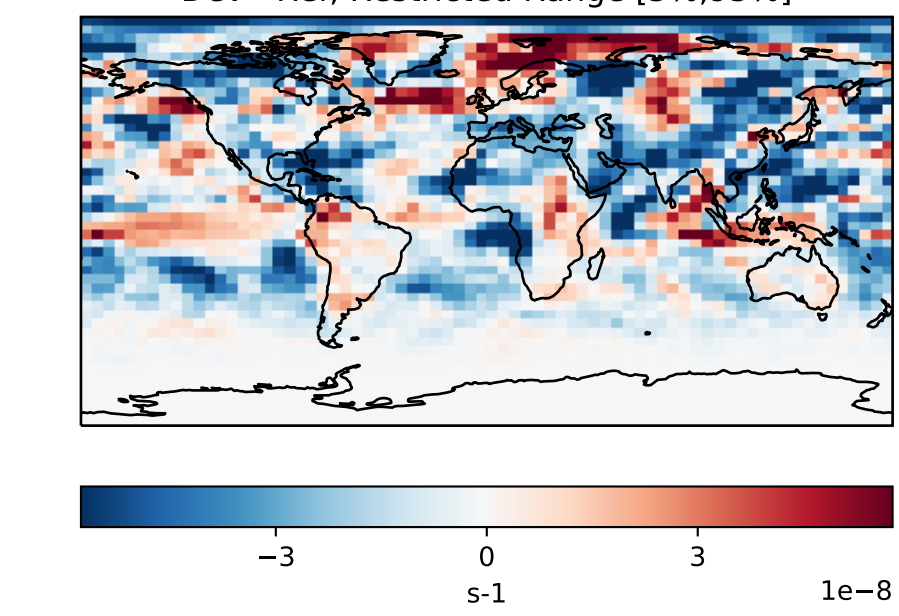
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



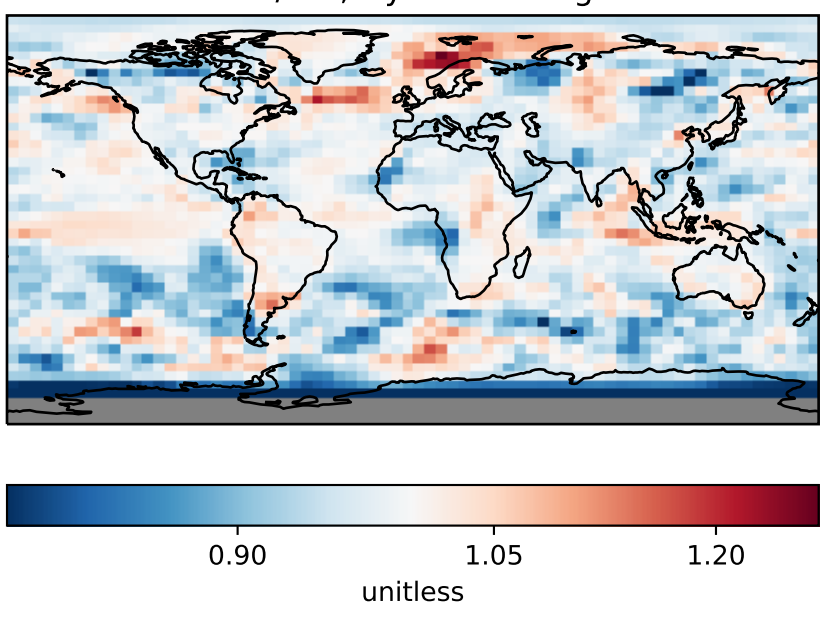
Difference
Dev - Ref, Dynamic Range



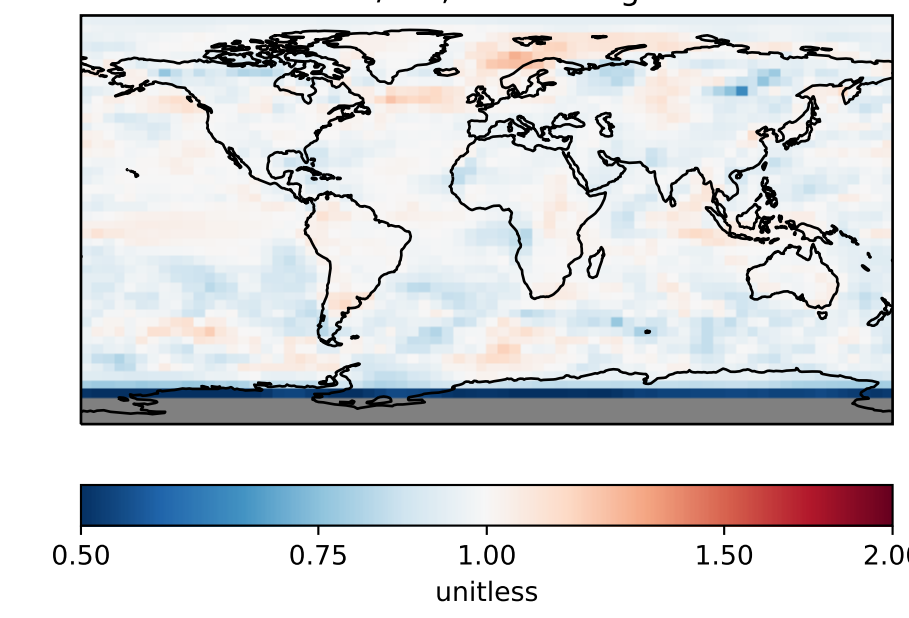
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

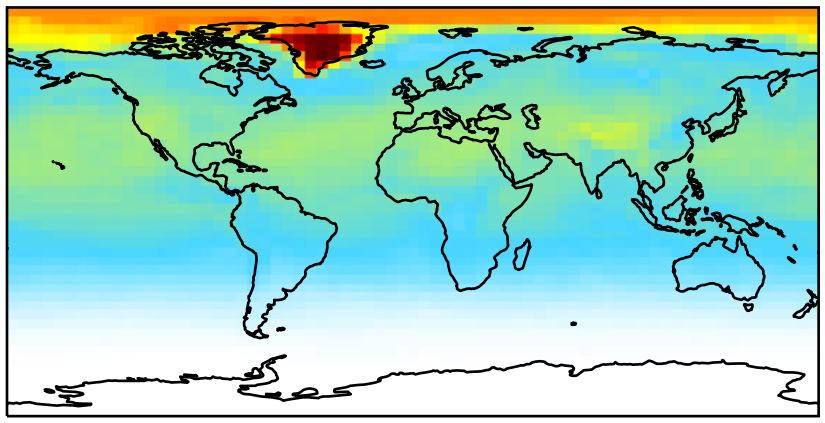


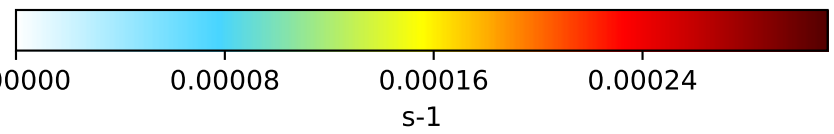
Ratio
Dev/Ref, Fixed Range



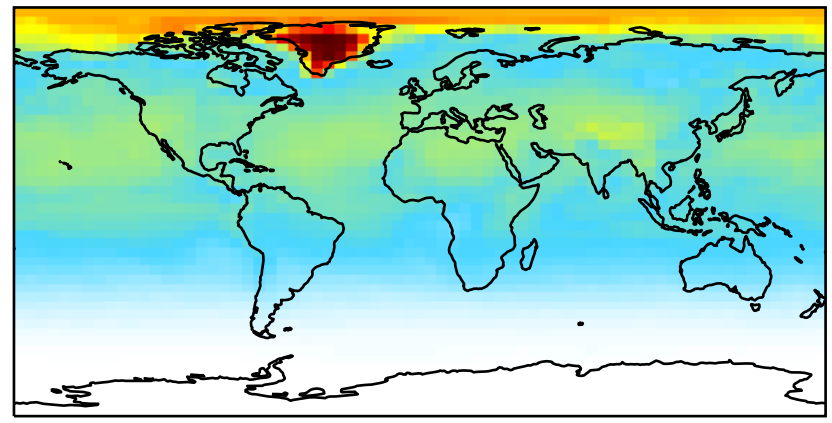
Jval_HPALD1 (Jul2019)

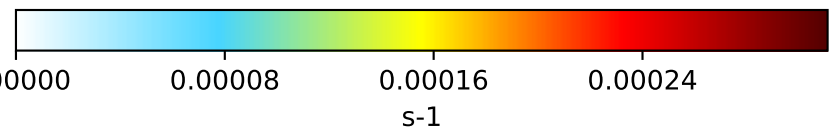
GCC_12.9.0 (Ref)
4.0x5.0



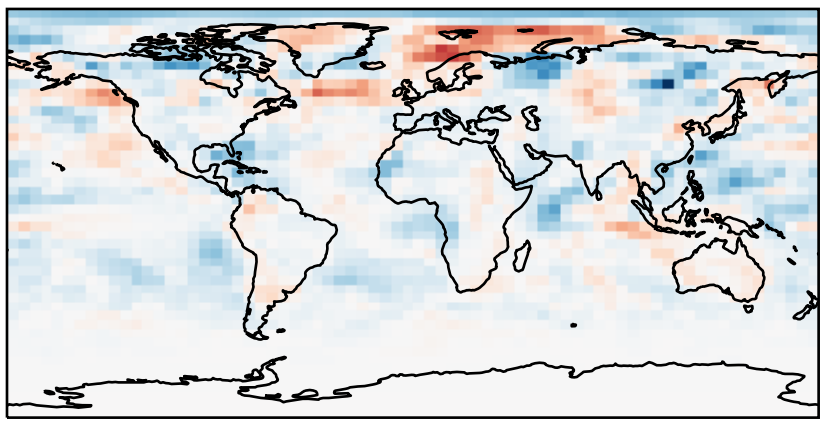


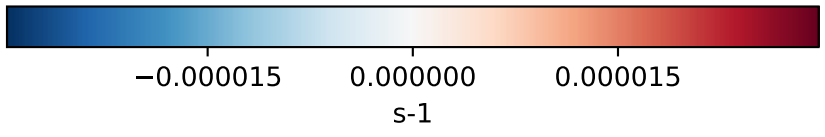
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



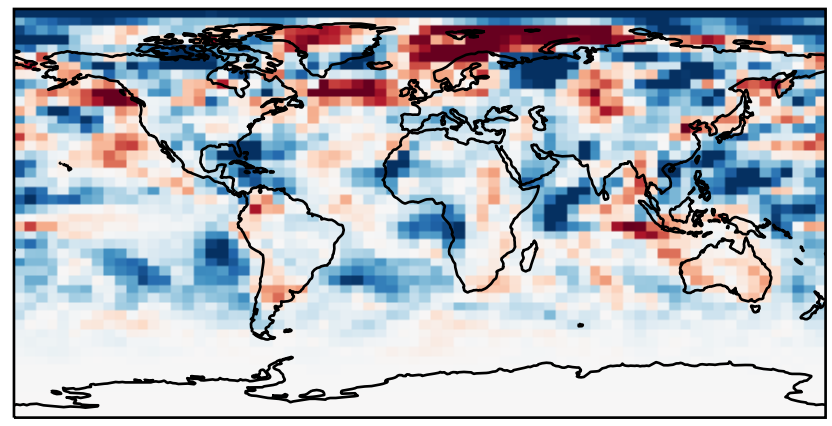


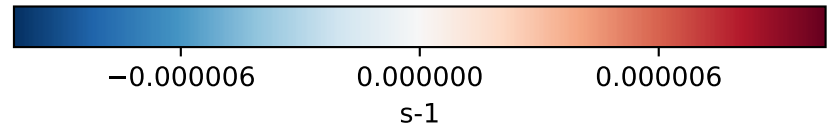
Difference
Dev - Ref, Dynamic Range



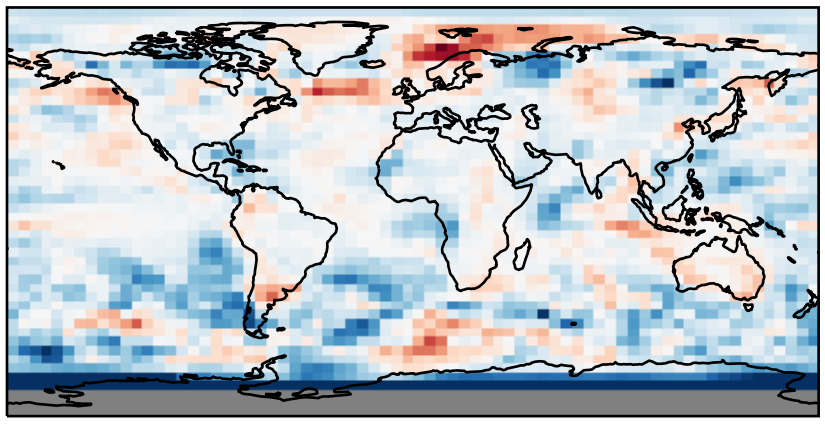


Difference
Dev - Ref, Restricted Range [5%,95%]



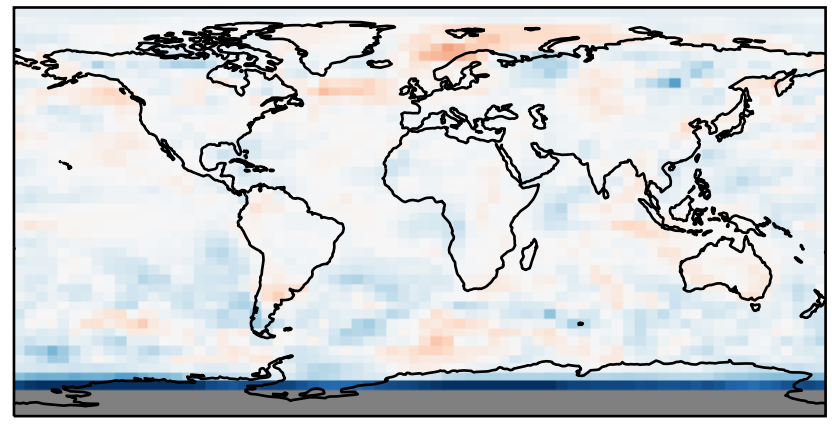


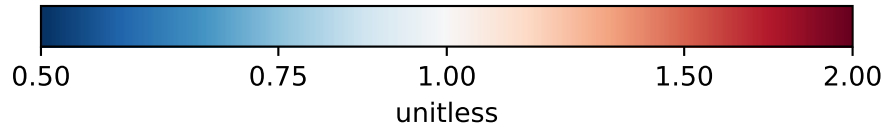
Ratio
Dev/Ref, Dynamic Range





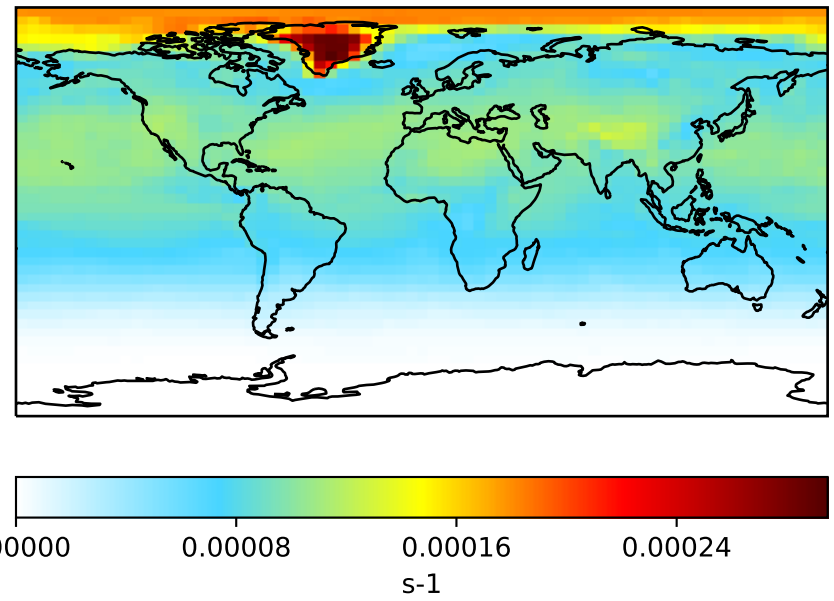
Ratio
Dev/Ref, Fixed Range



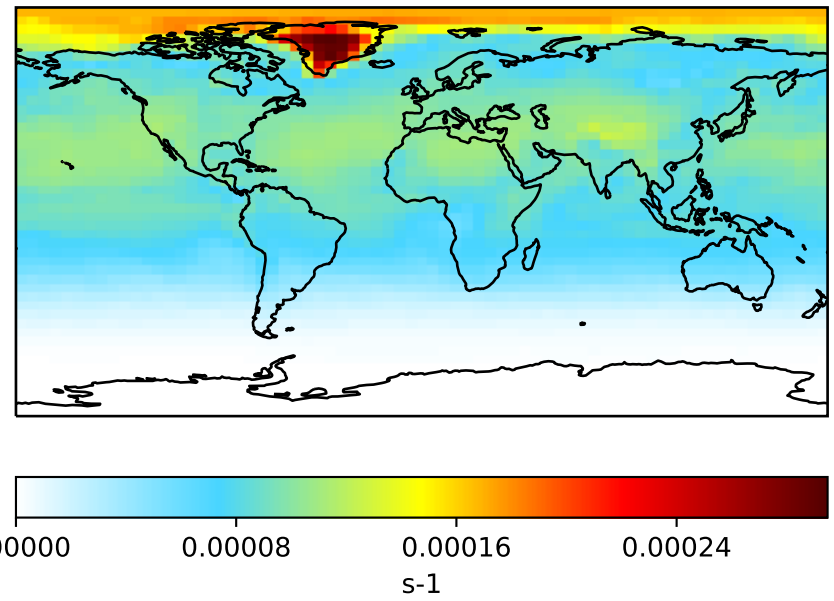


Jval_HPALD2 (Jul2019)

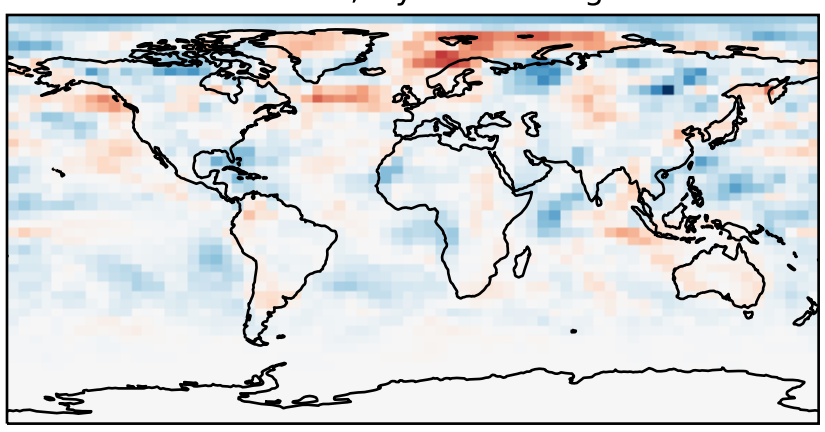
GCC_12.9.0 (Ref)
4.0x5.0

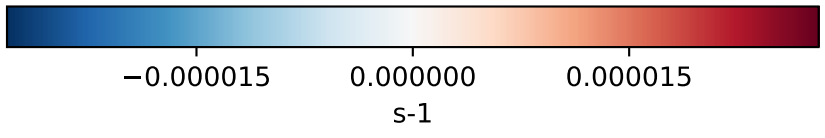


GCC_13.0.0-beta.1 (Dev)
4.0x5.0

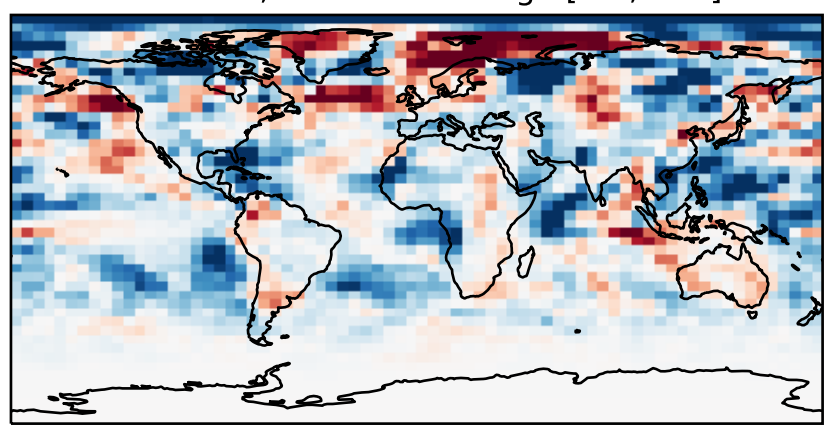


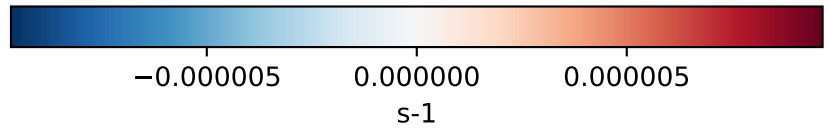
Difference
Dev - Ref, Dynamic Range



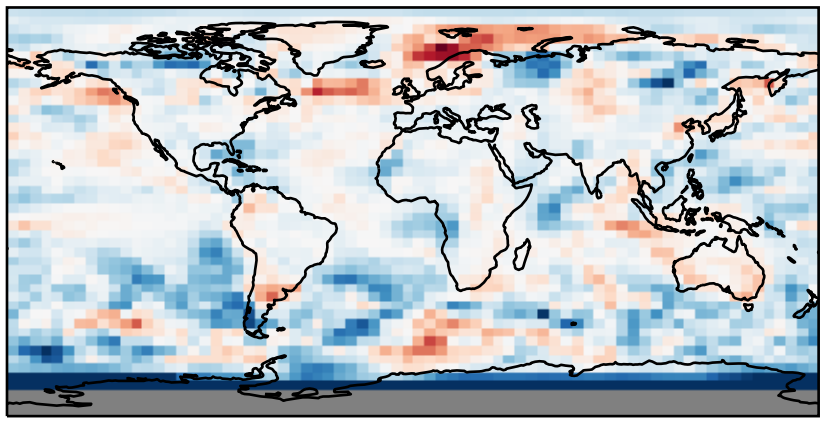


Difference
Dev - Ref, Restricted Range [5%,95%]



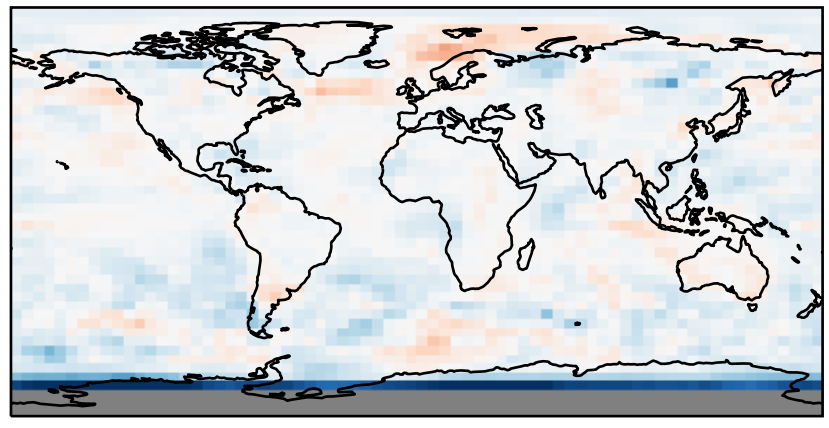


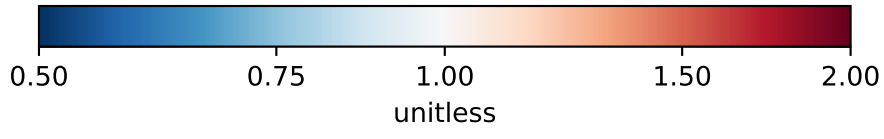
Ratio
Dev/Ref, Dynamic Range





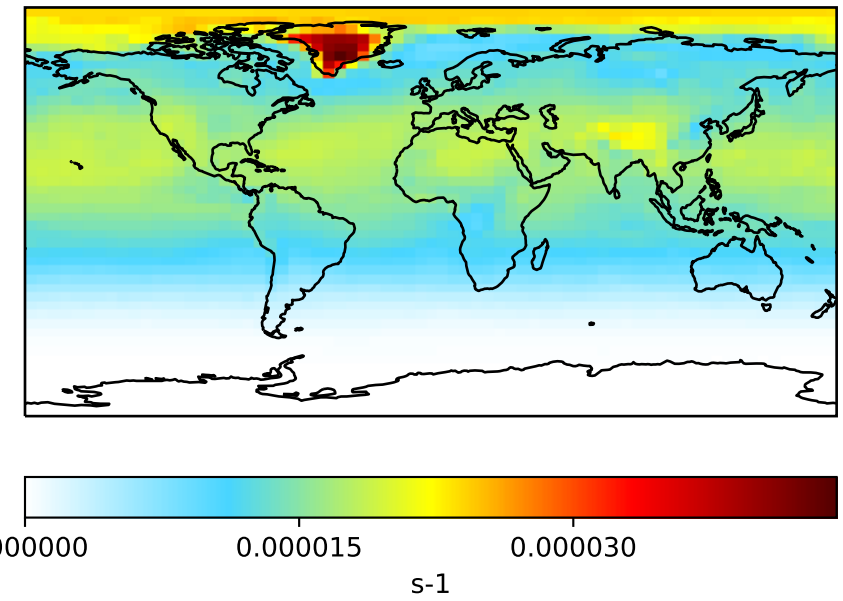
Ratio
Dev/Ref, Fixed Range



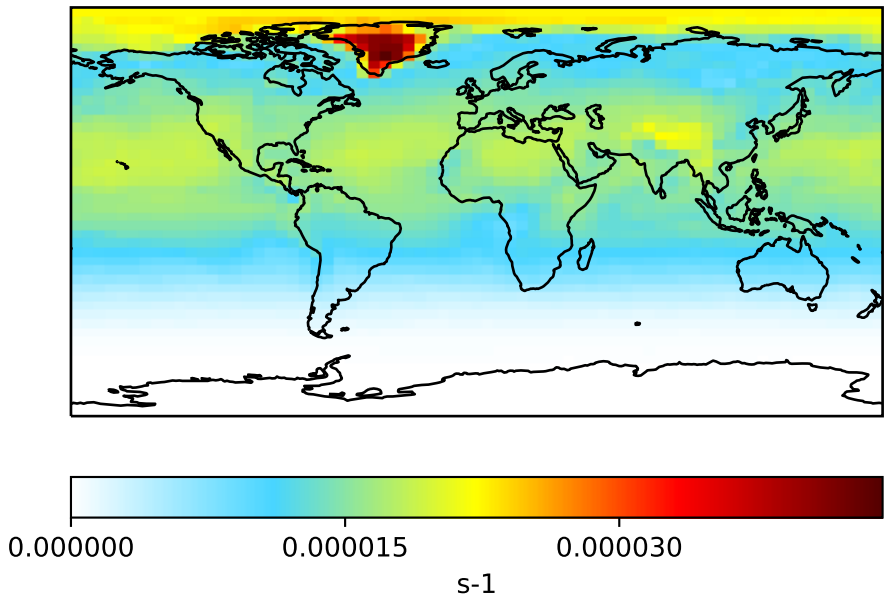


Jval_HPALD3 (Jul2019)

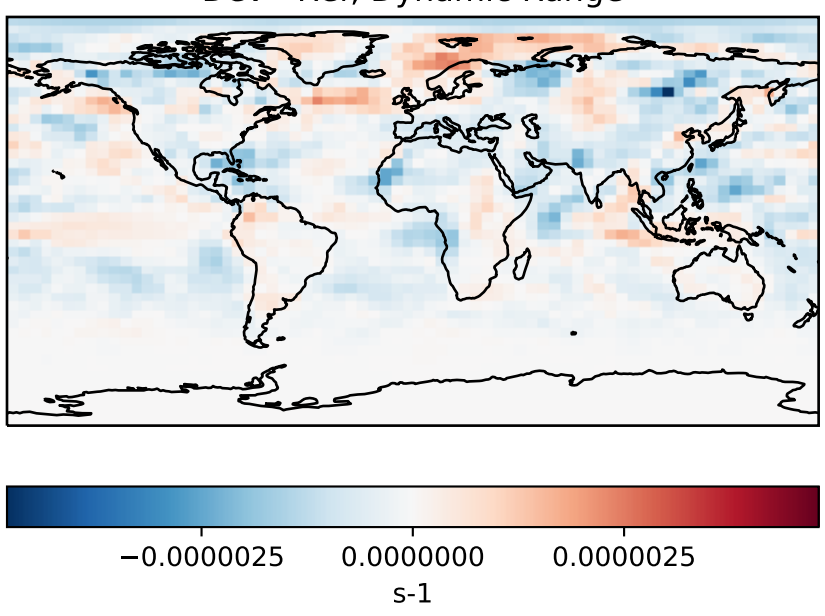
GCC_12.9.0 (Ref)
4.0x5.0



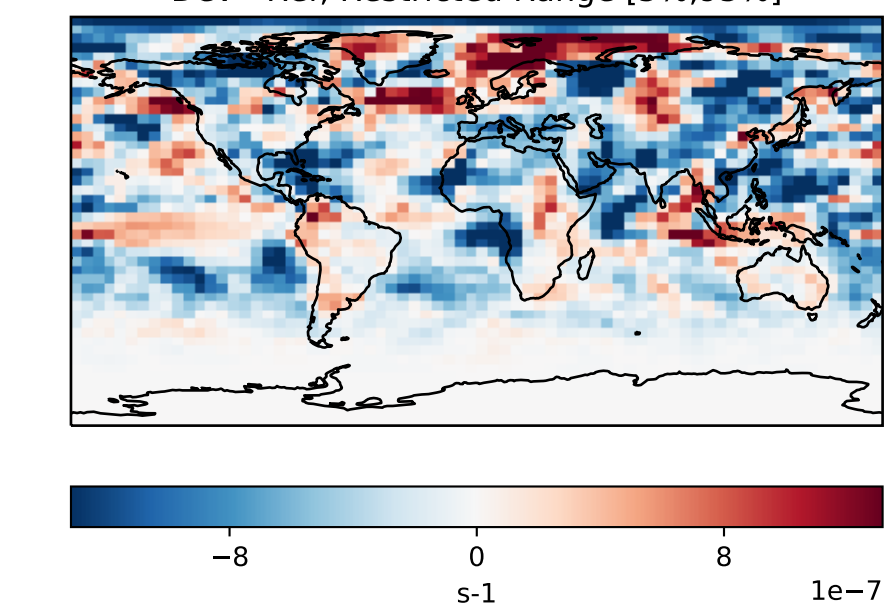
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



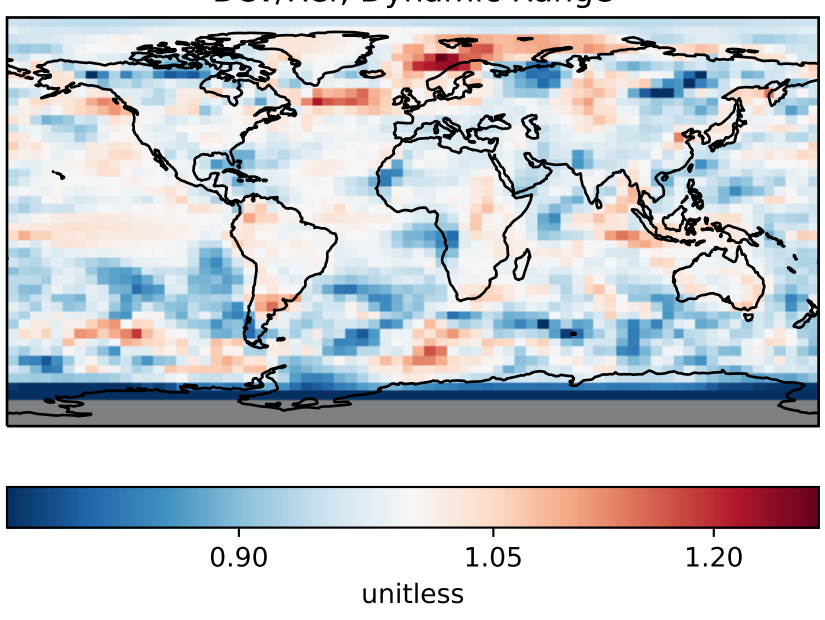
Difference
Dev - Ref, Dynamic Range



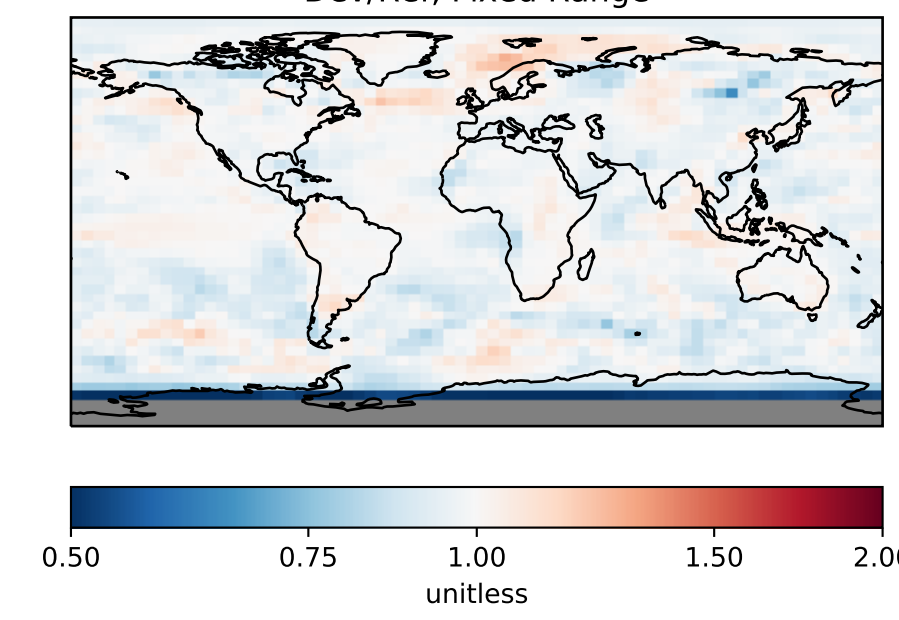
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

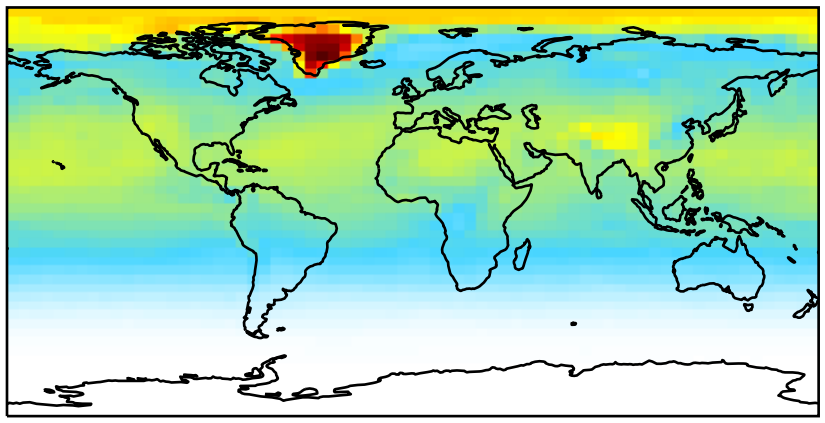


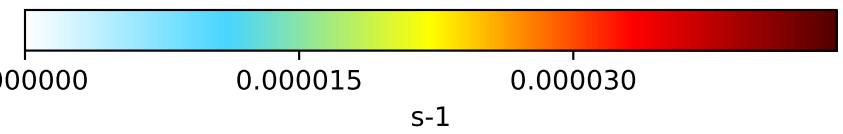
Ratio
Dev/Ref, Fixed Range



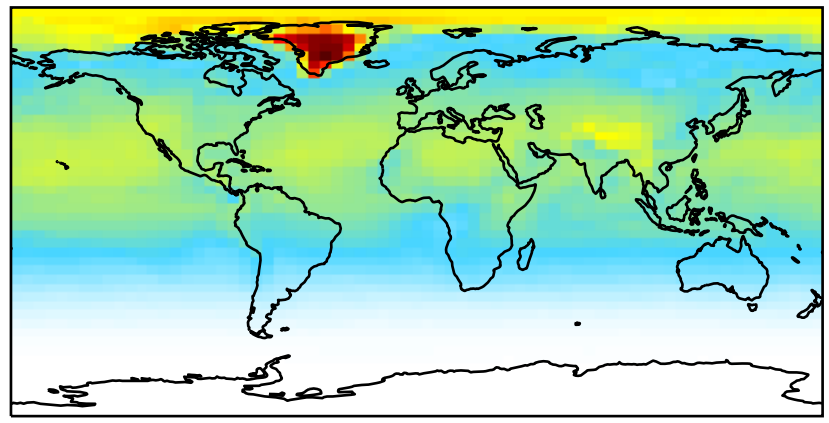
Jval_HPALD4 (Jul2019)

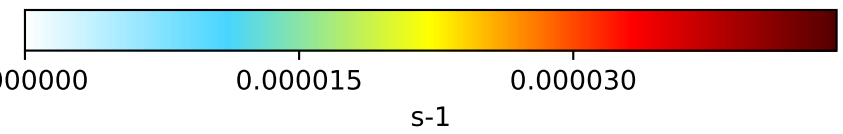
GCC_12.9.0 (Ref)
4.0x5.0



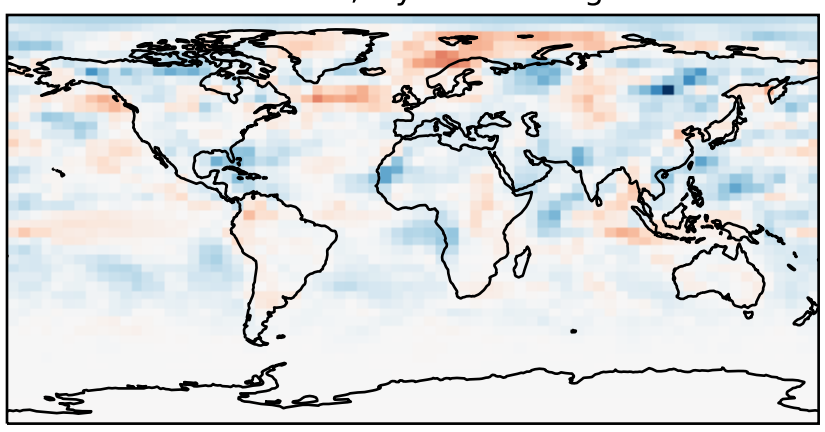


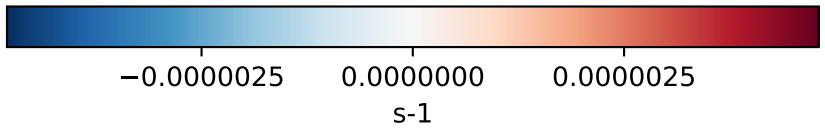
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



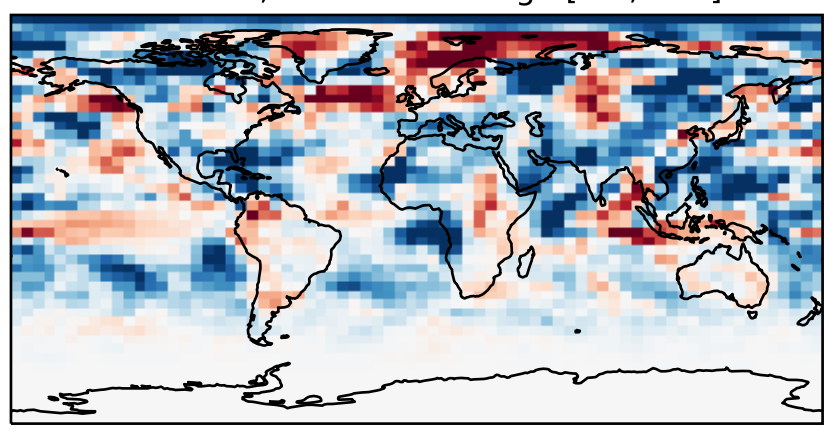


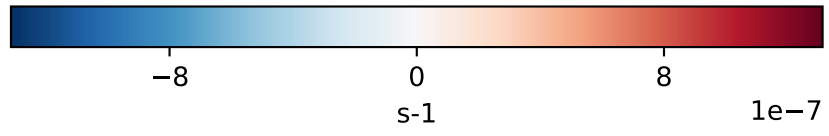
Difference
Dev - Ref, Dynamic Range



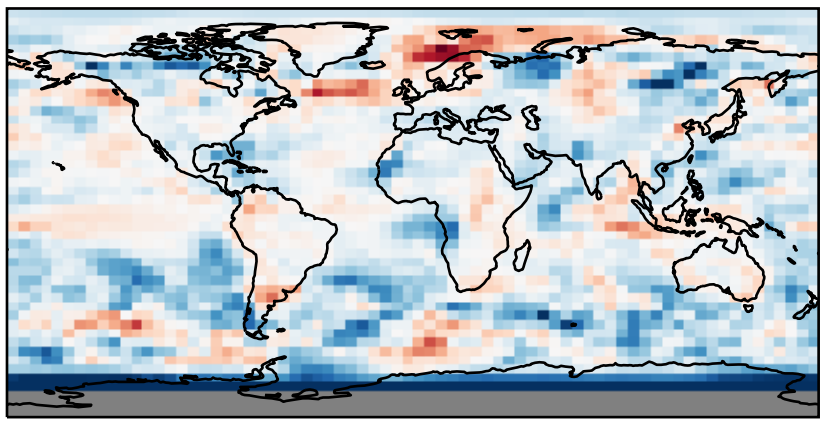


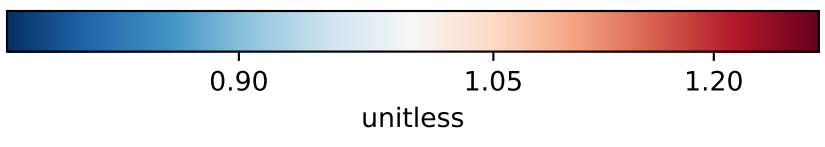
Difference
Dev - Ref, Restricted Range [5%,95%]



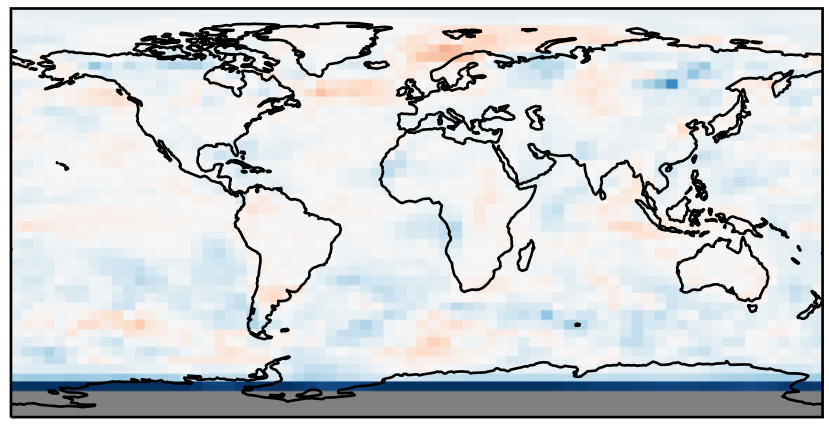


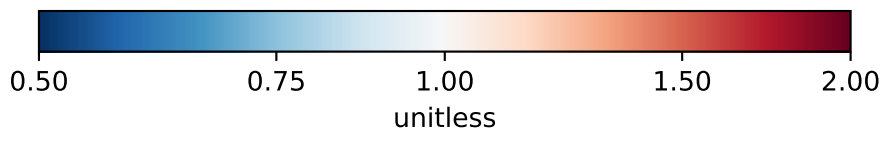
Ratio
Dev/Ref, Dynamic Range





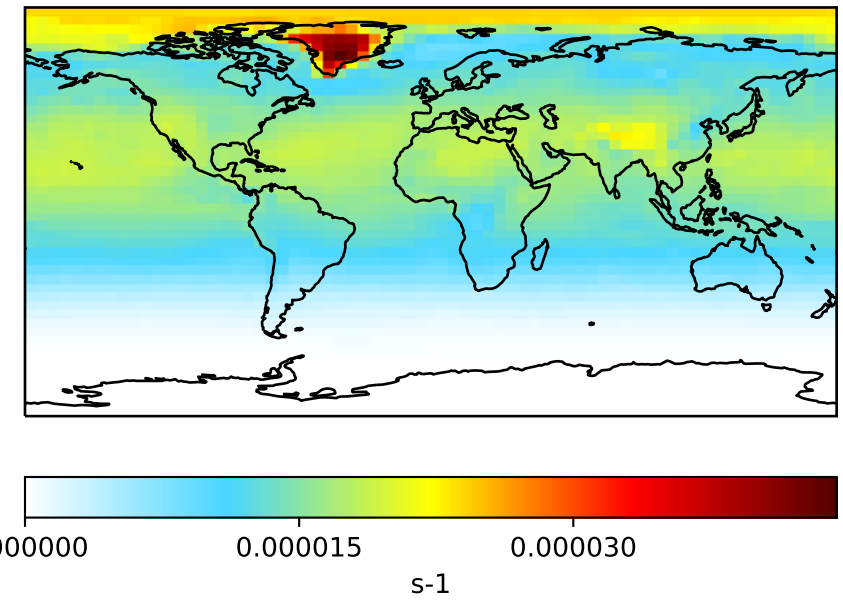
Ratio
Dev/Ref, Fixed Range



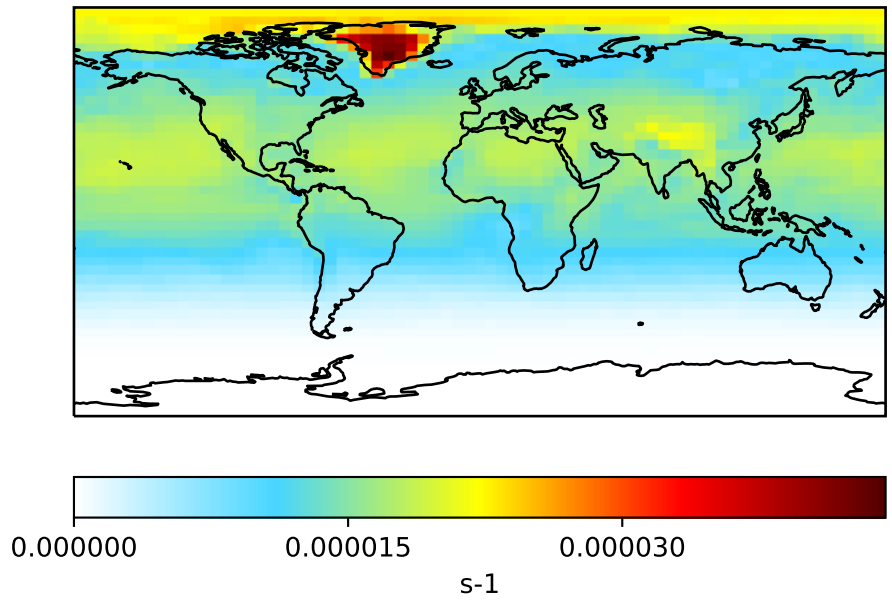


Jval_HPETHNL (Jul2019)

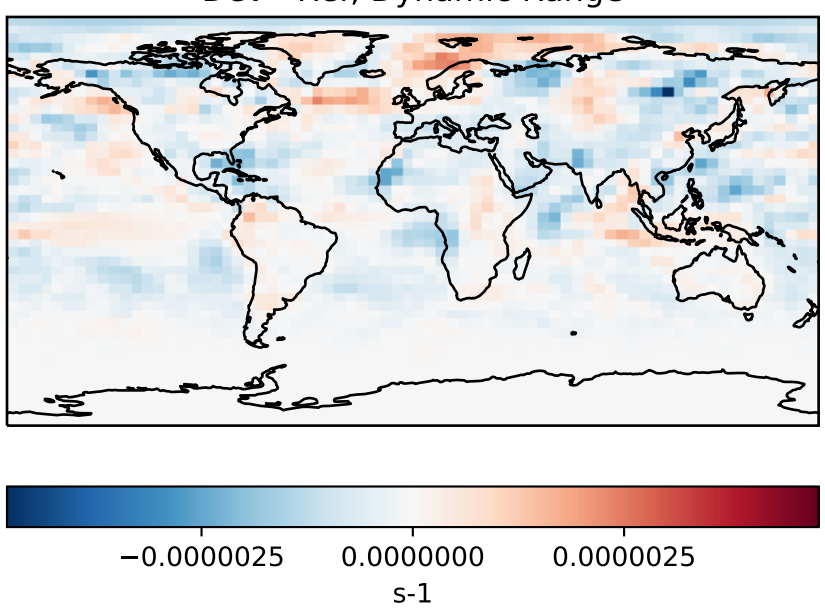
GCC_12.9.0 (Ref)
4.0x5.0



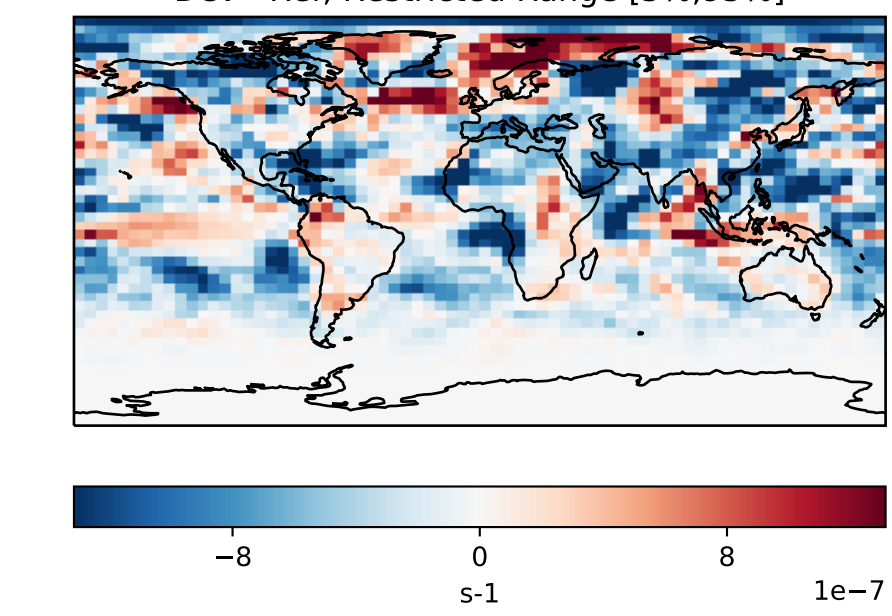
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



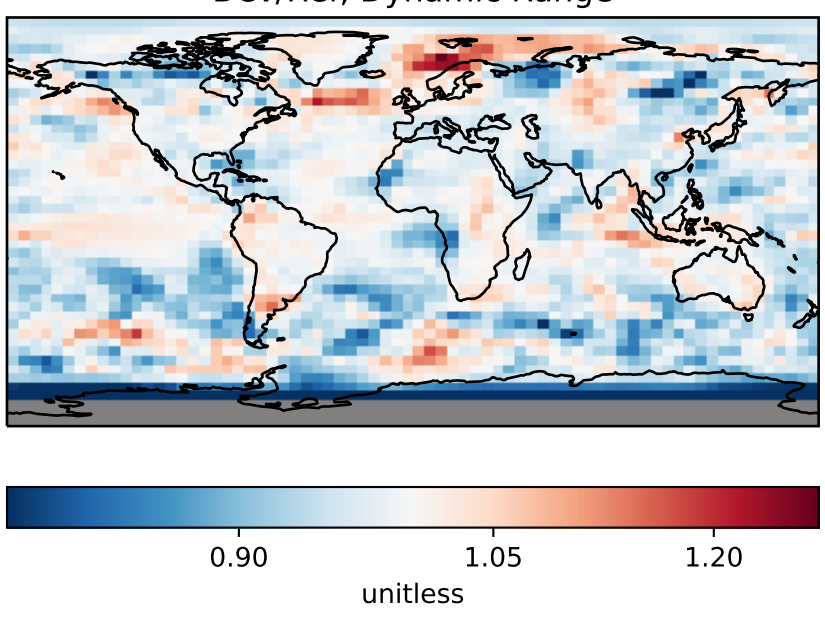
Difference
Dev - Ref, Dynamic Range



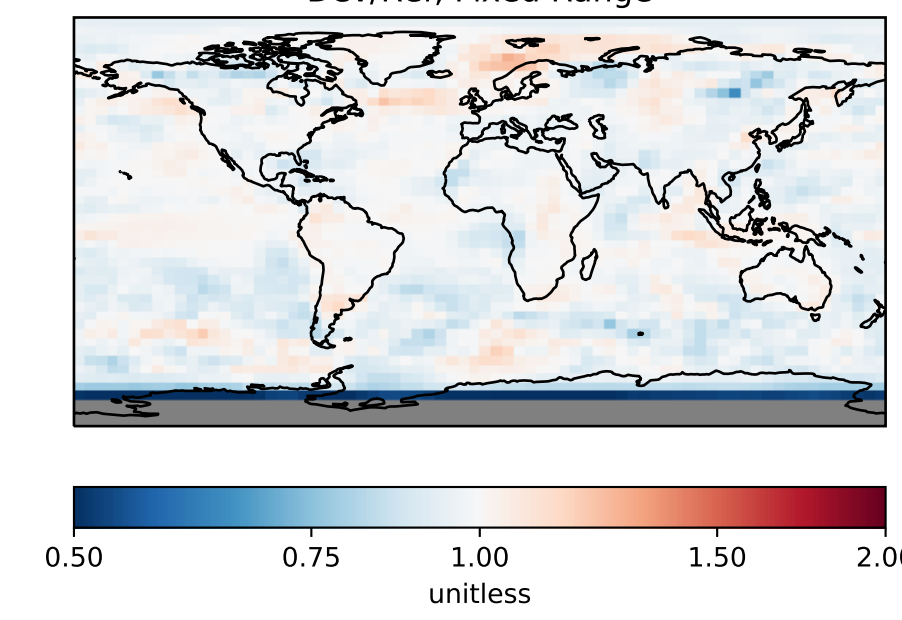
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

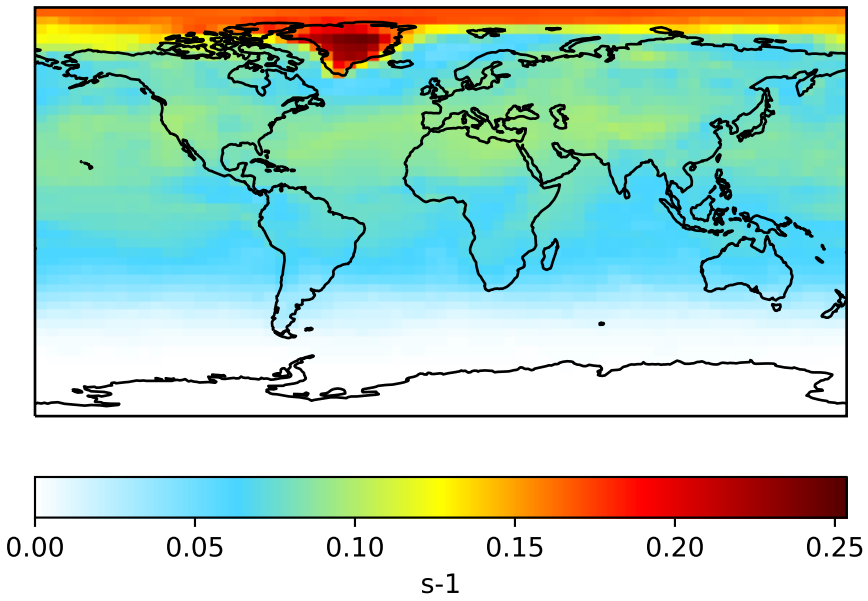


Ratio
Dev/Ref, Fixed Range

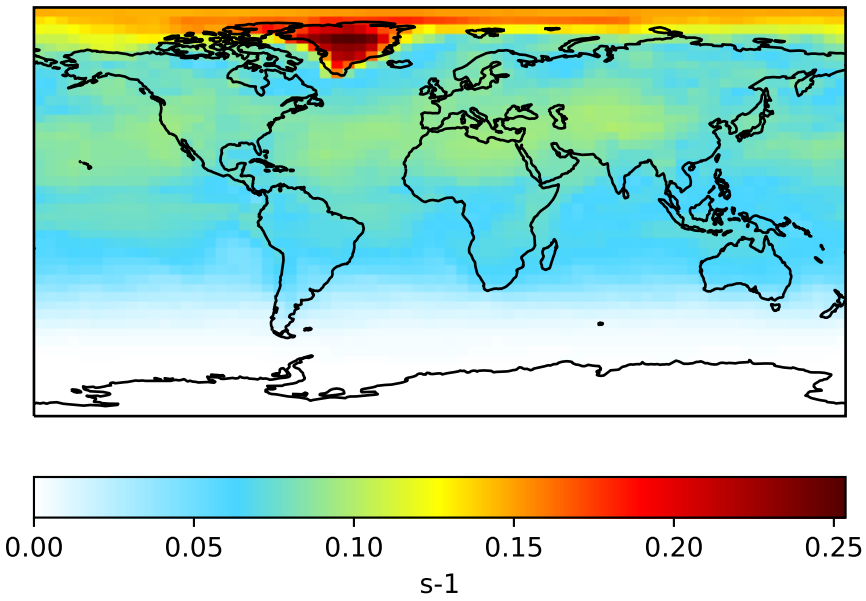


Jval_I2 (Jul2019)

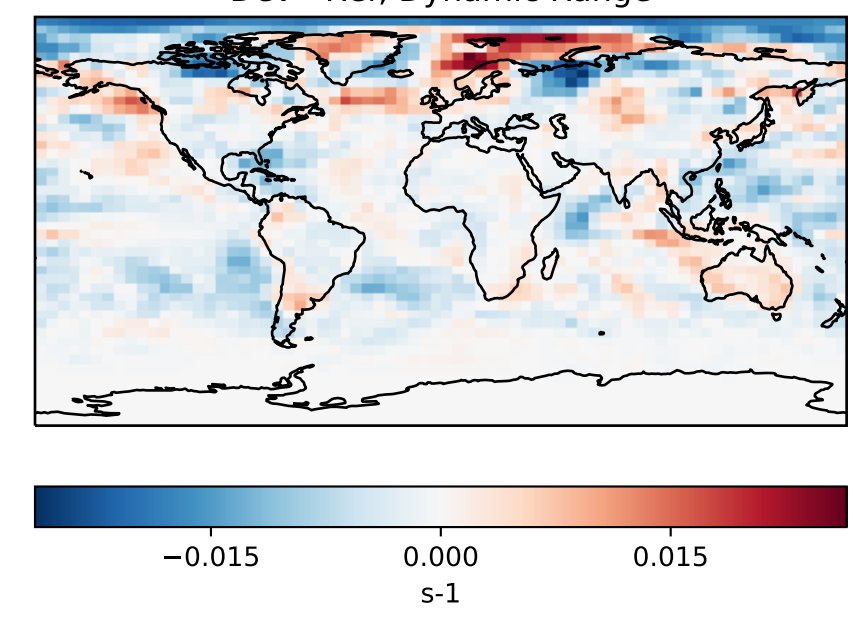
GCC_12.9.0 (Ref)
4.0x5.0



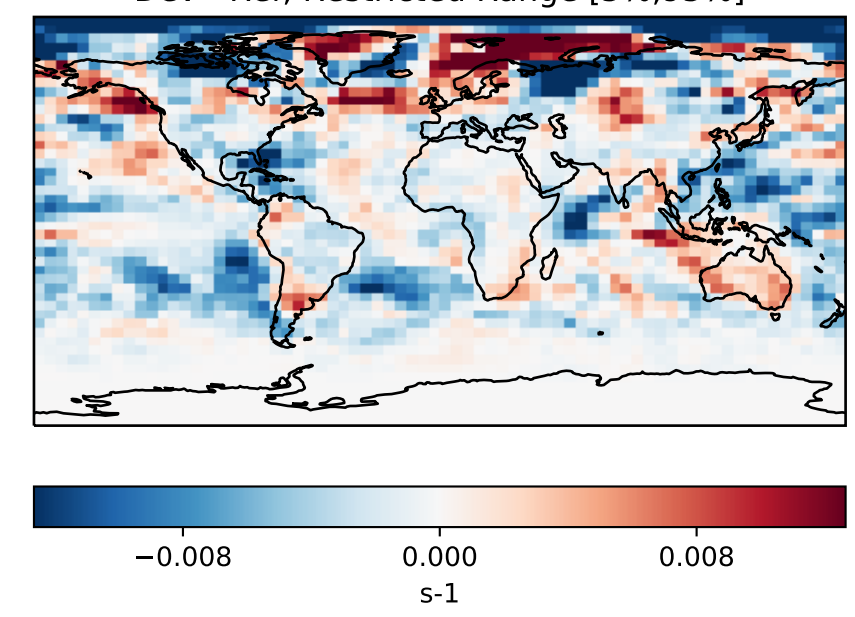
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



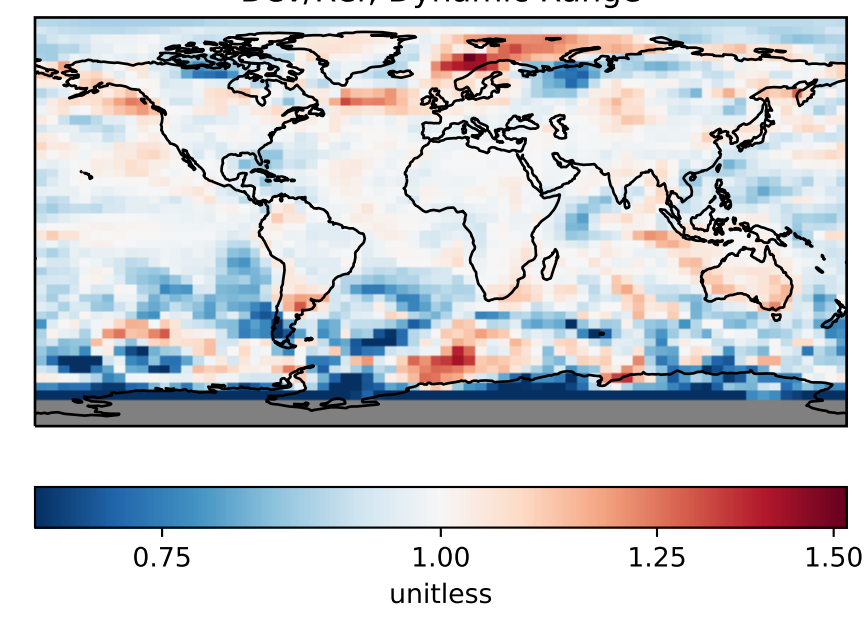
Difference
Dev - Ref, Dynamic Range



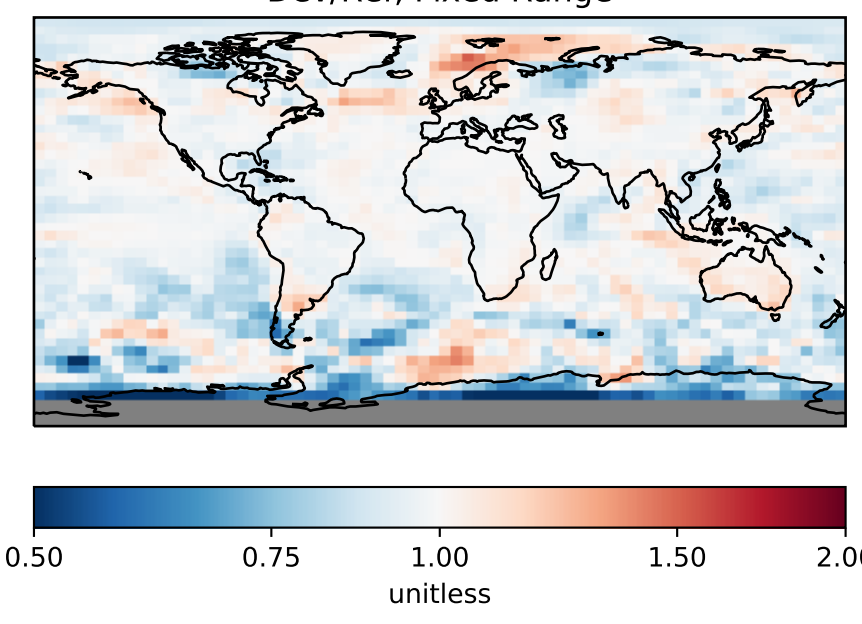
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

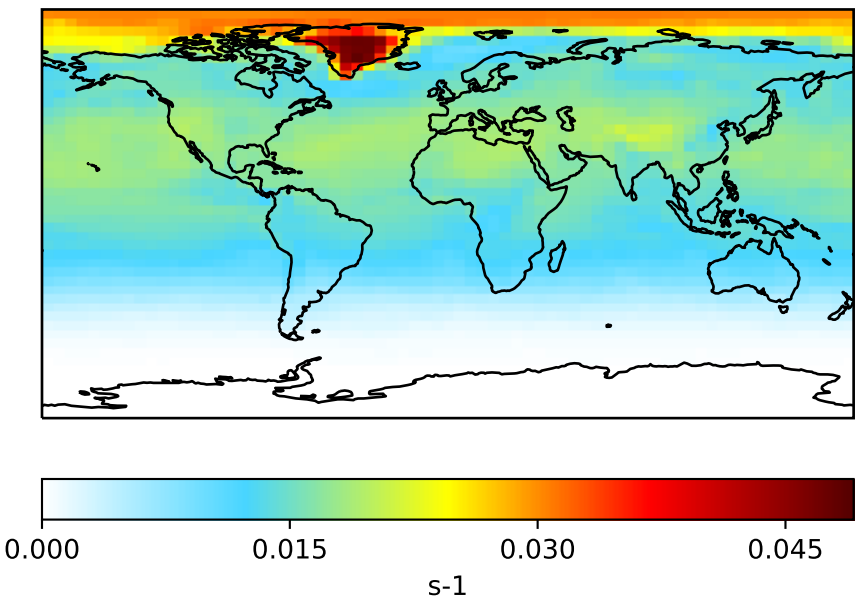


Ratio
Dev/Ref, Fixed Range

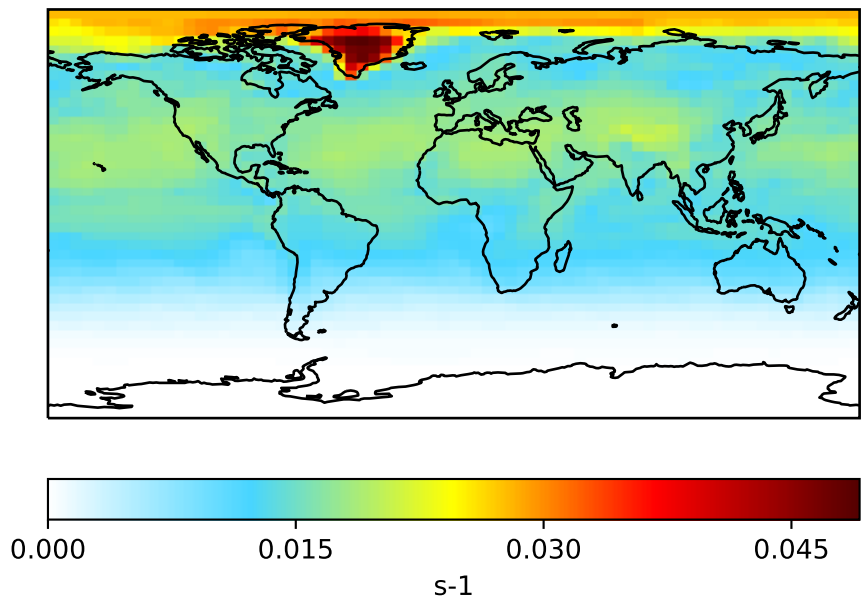


Jval_I2O2 (Jul2019)

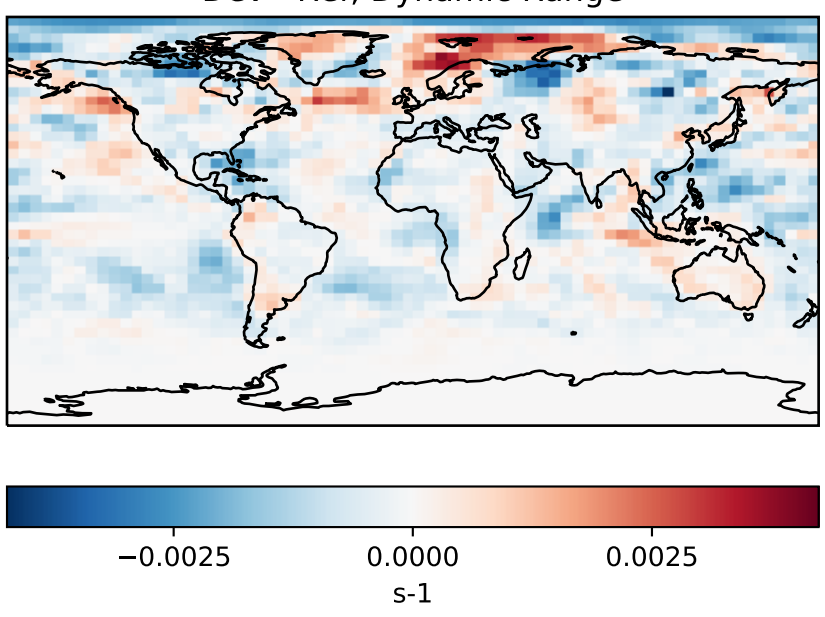
GCC_12.9.0 (Ref)
4.0x5.0



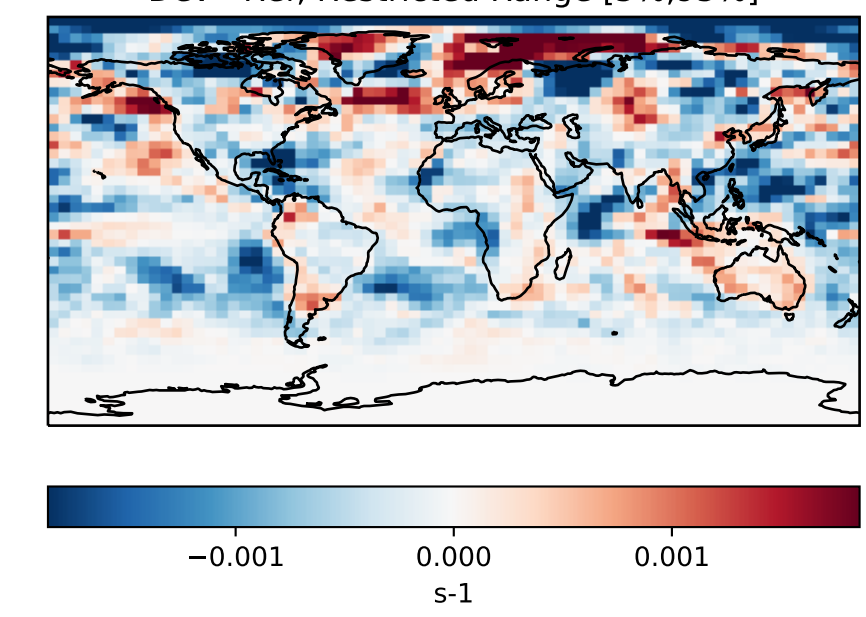
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



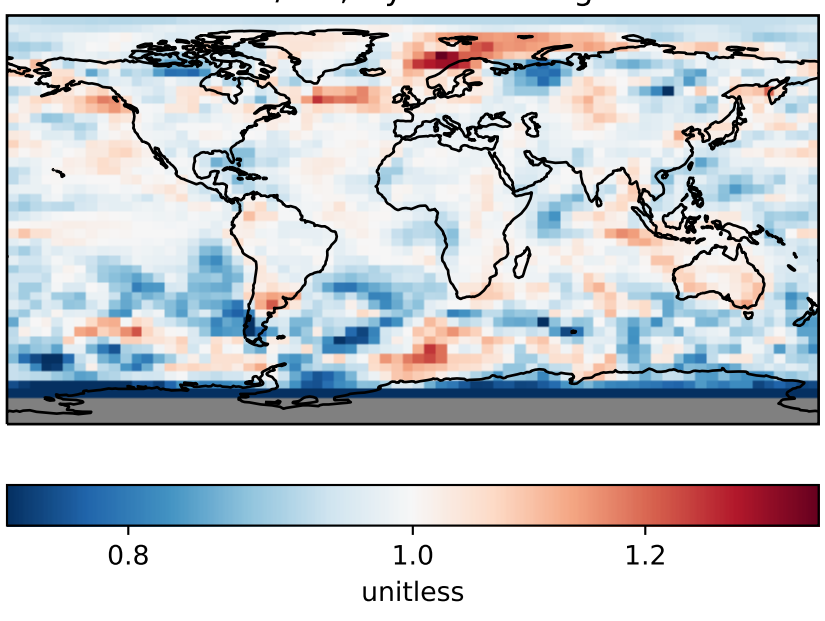
Difference
Dev - Ref, Dynamic Range



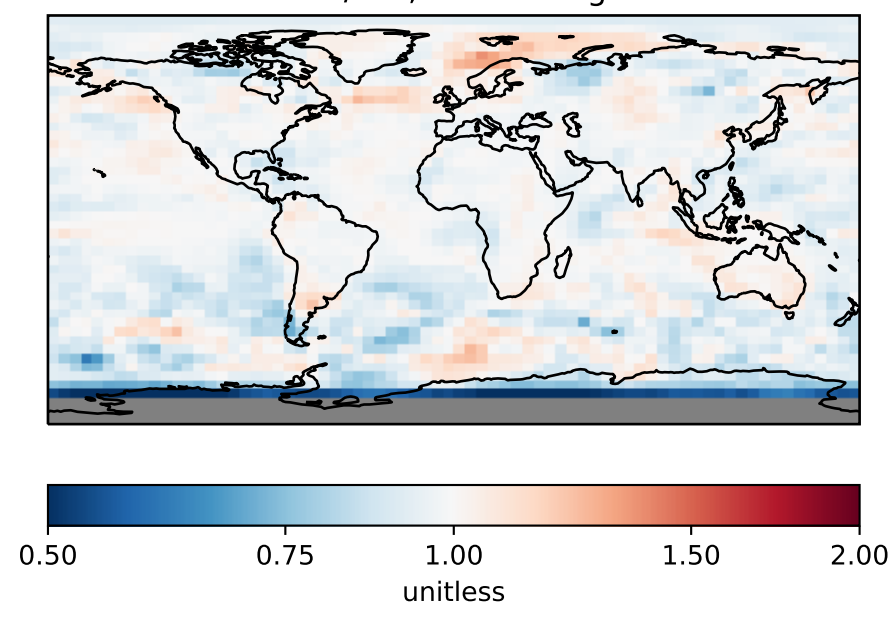
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

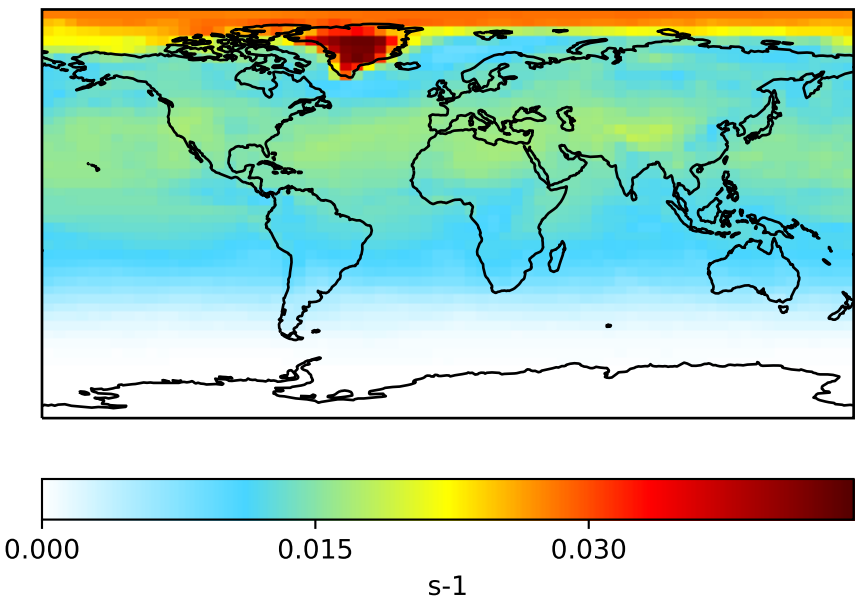


Ratio
Dev/Ref, Fixed Range

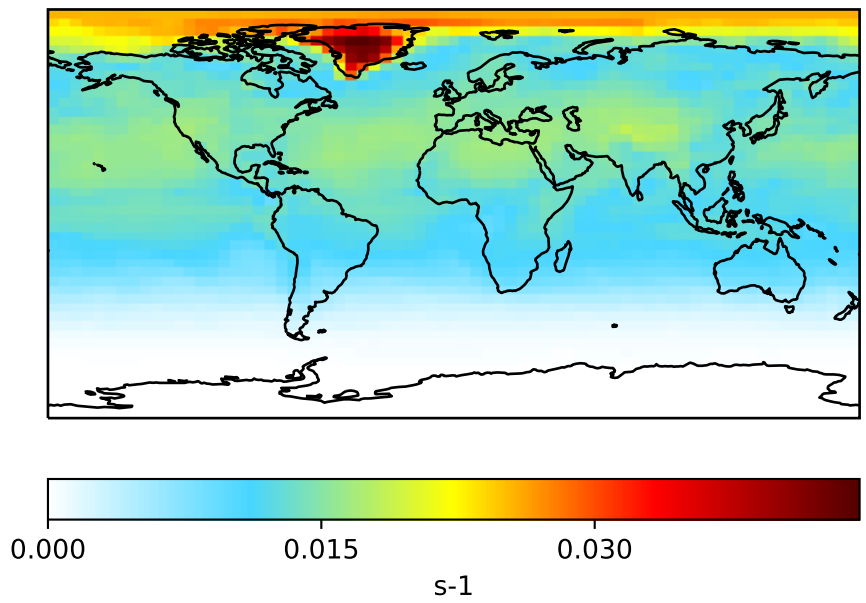


Jval_I2O3 (Jul2019)

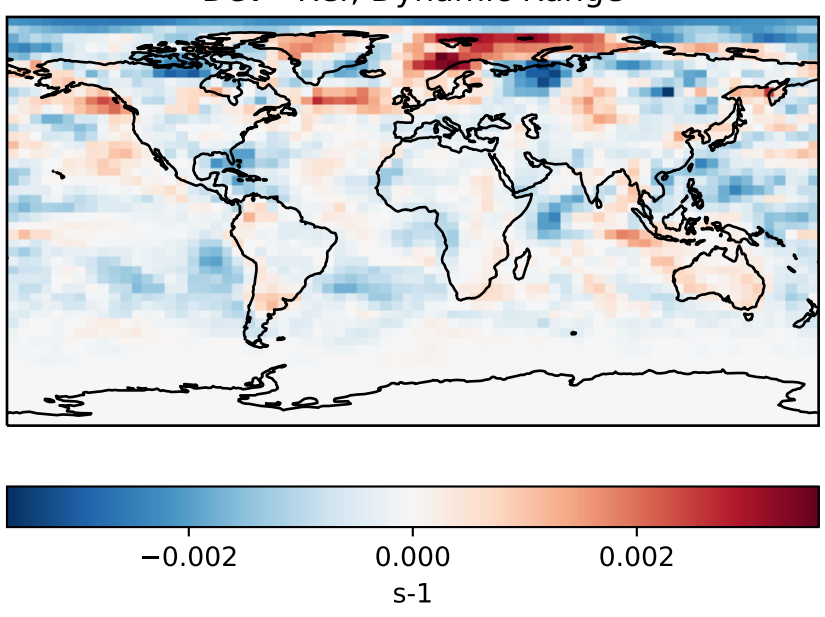
GCC_12.9.0 (Ref)
4.0x5.0



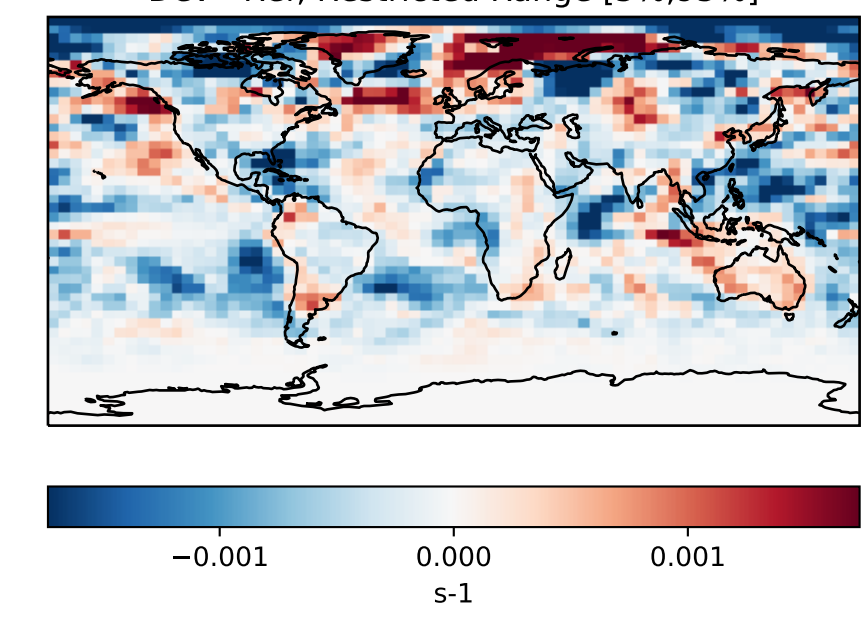
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



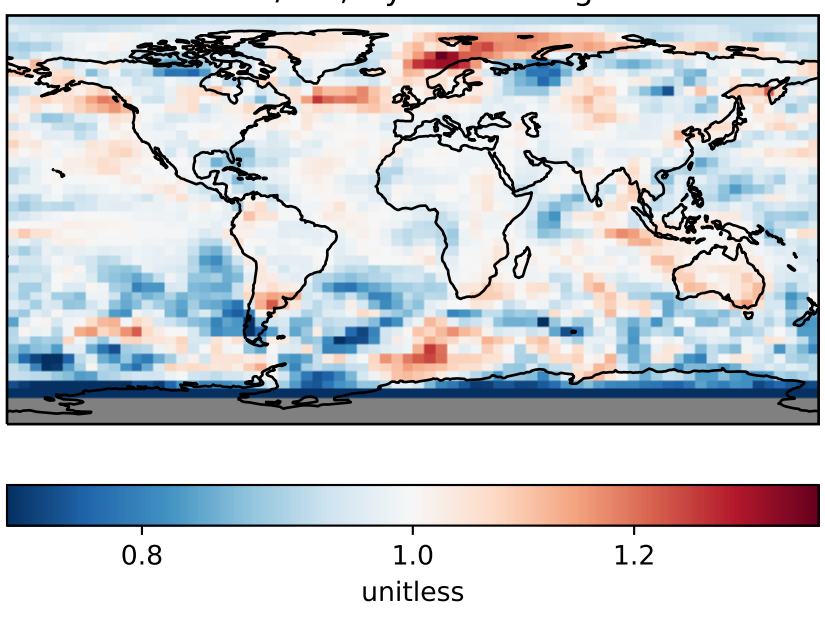
Difference
Dev - Ref, Dynamic Range



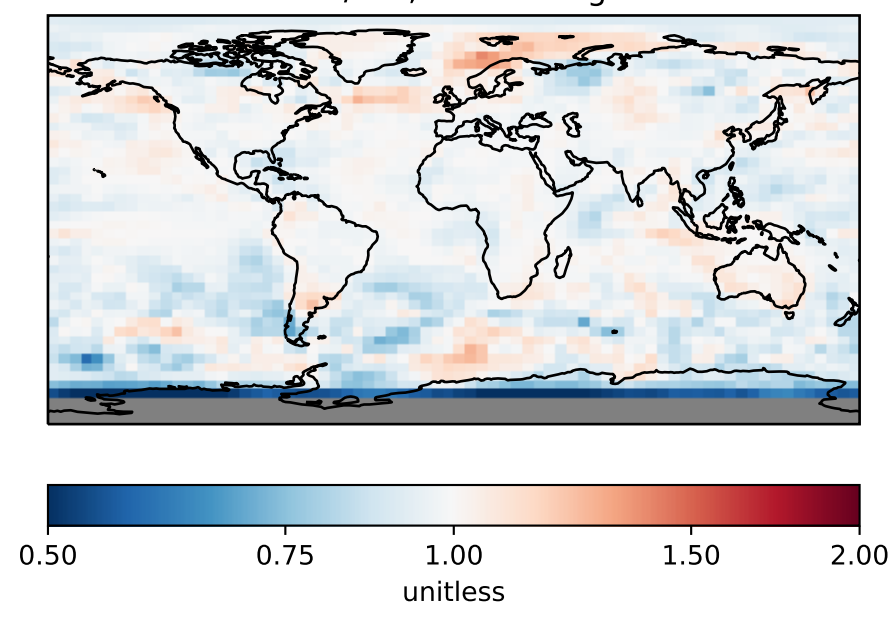
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

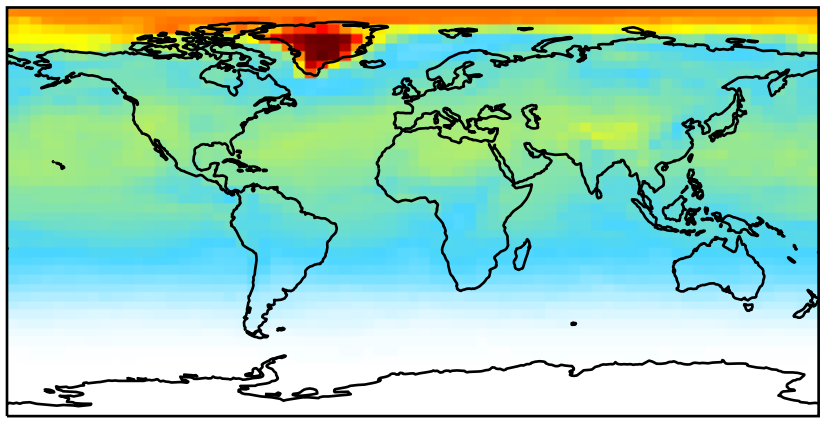


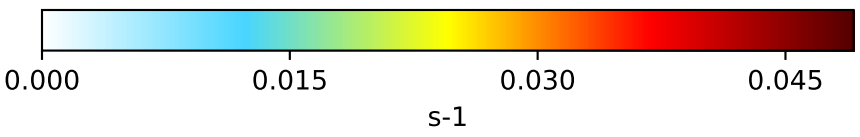
Ratio
Dev/Ref, Fixed Range



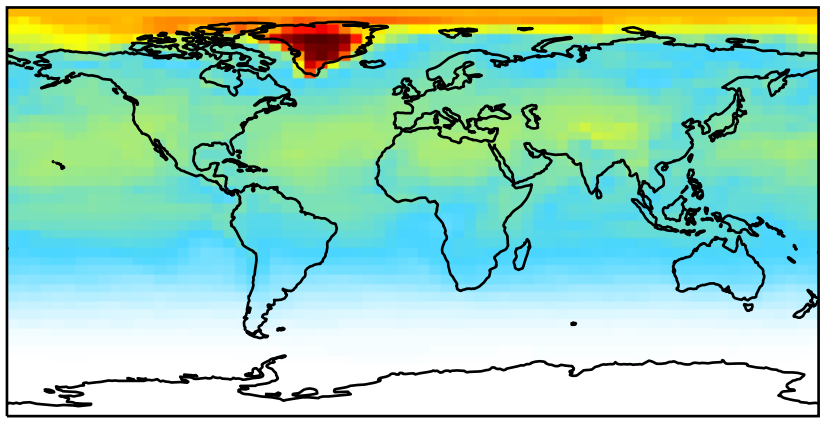
Jval_I2O4 (Jul2019)

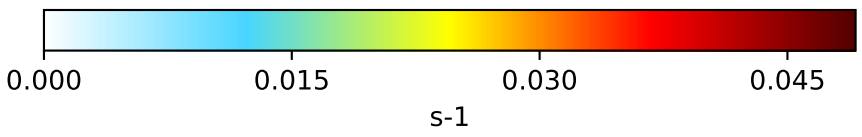
GCC_12.9.0 (Ref)
4.0x5.0



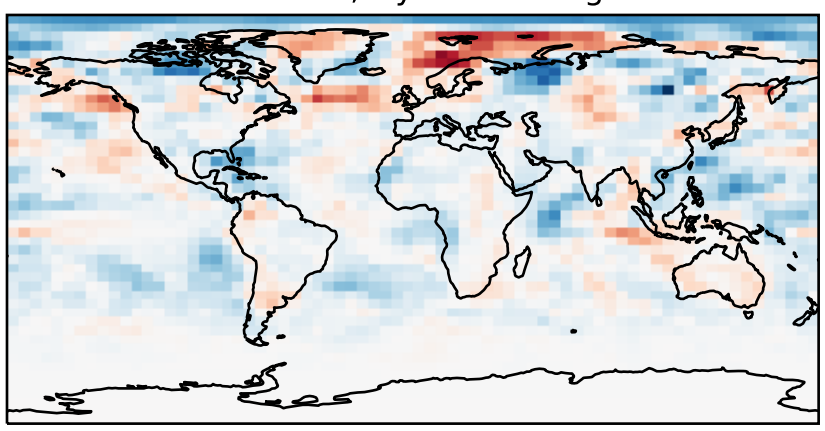


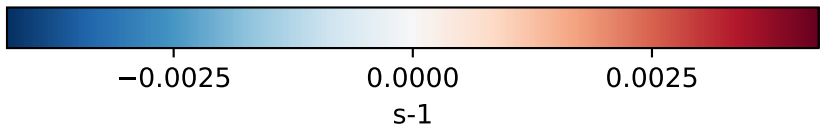
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



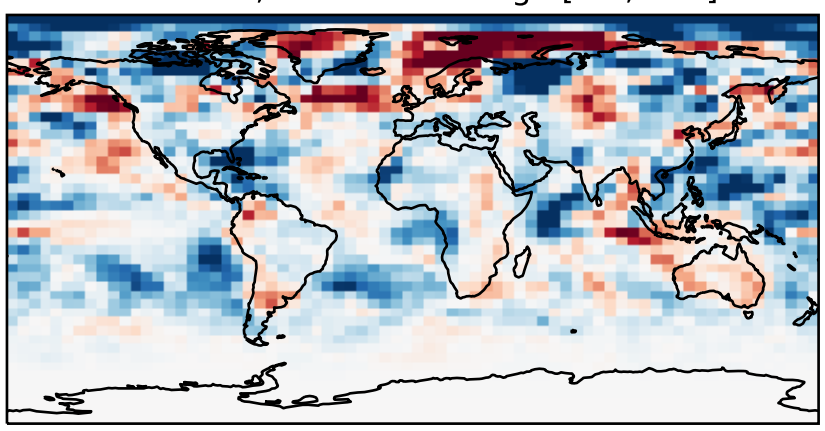


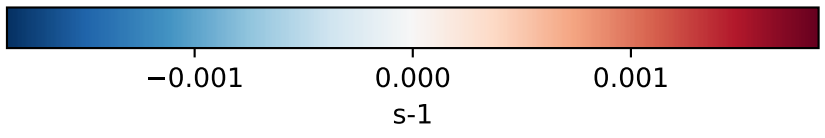
Difference
Dev - Ref, Dynamic Range



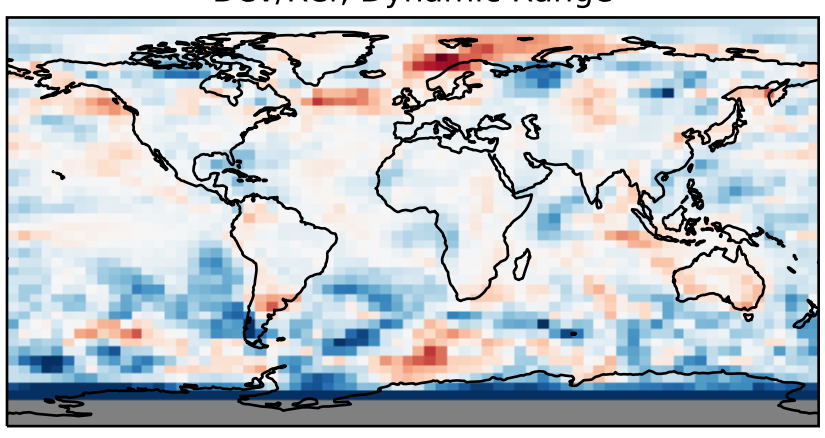


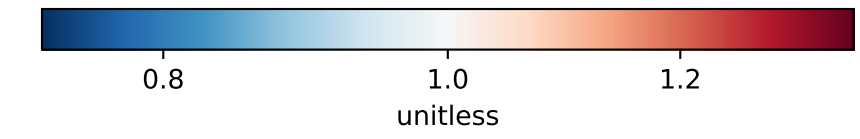
Difference
Dev - Ref, Restricted Range [5%,95%]



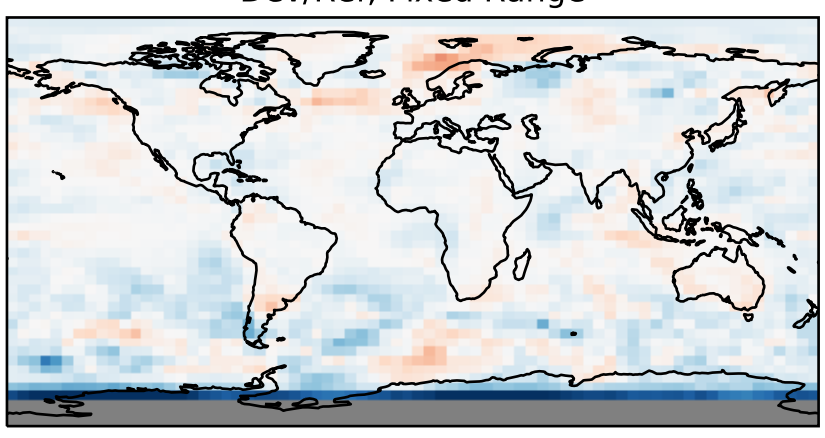


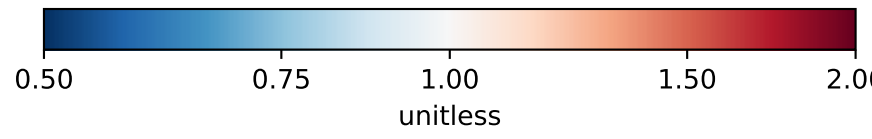
Ratio
Dev/Ref, Dynamic Range





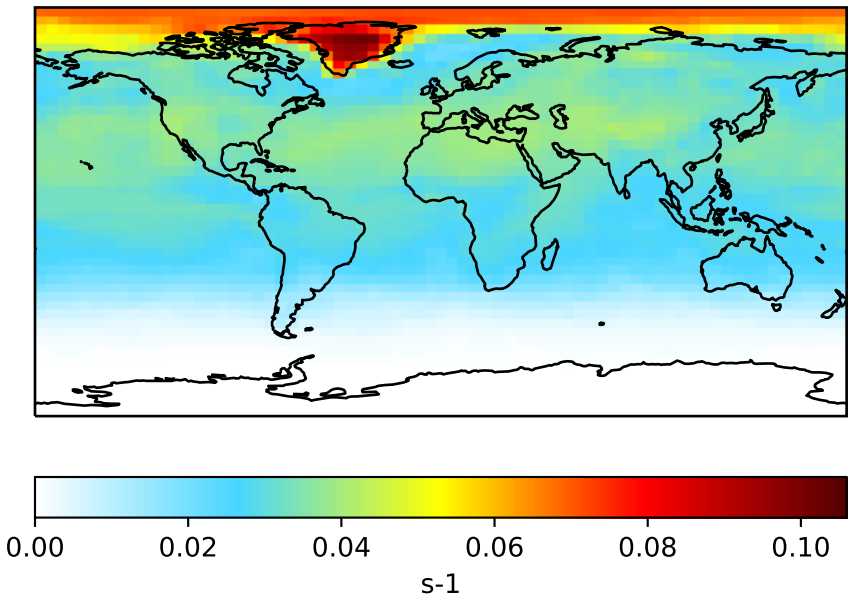
Ratio
Dev/Ref, Fixed Range



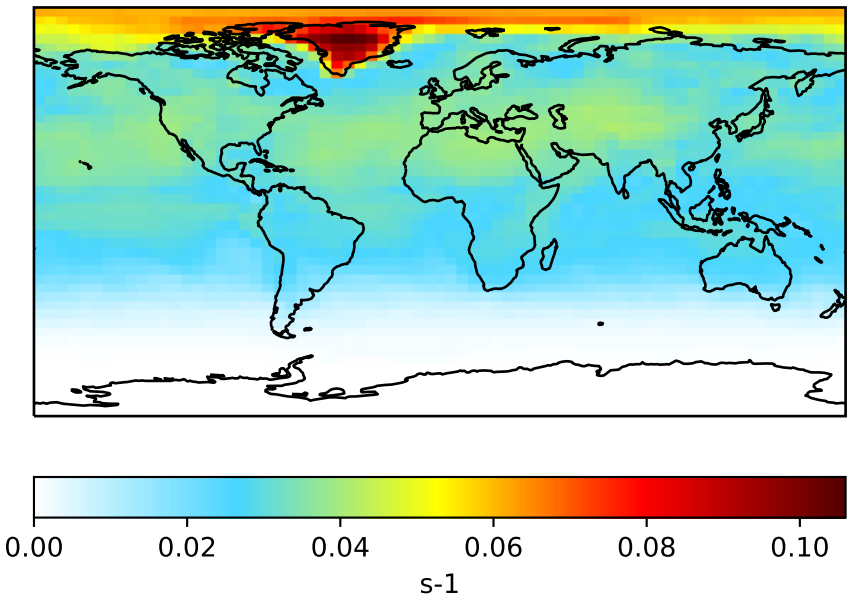


Jval_IBr (Jul2019)

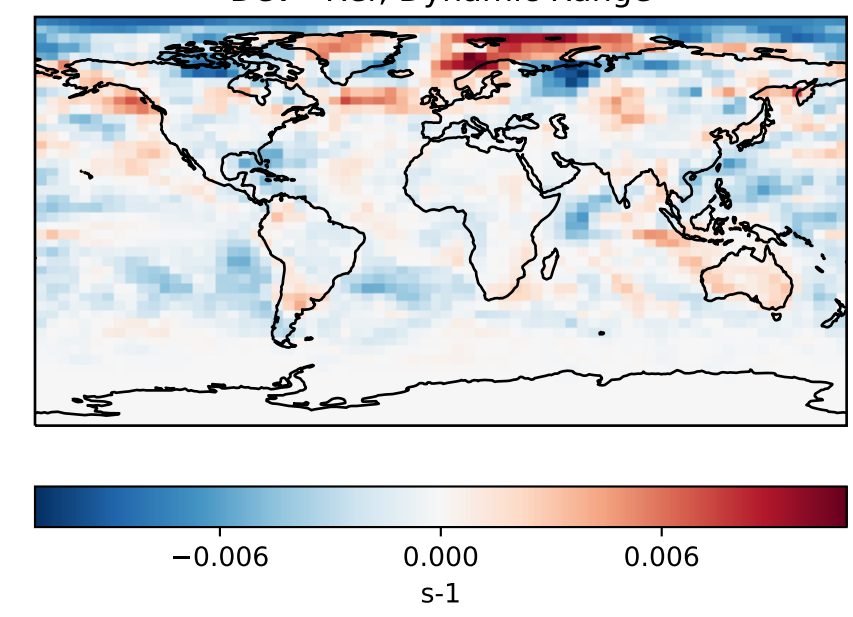
GCC_12.9.0 (Ref)
4.0x5.0



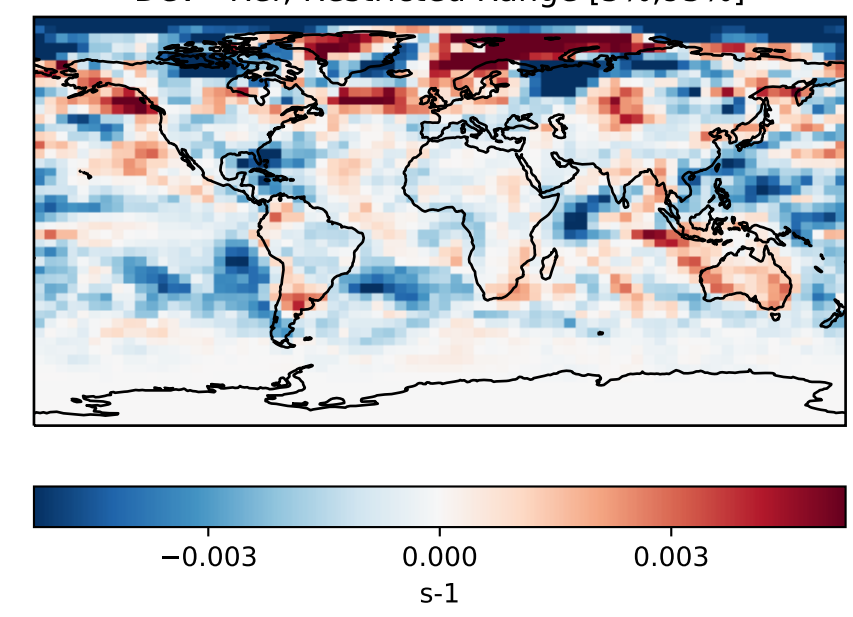
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



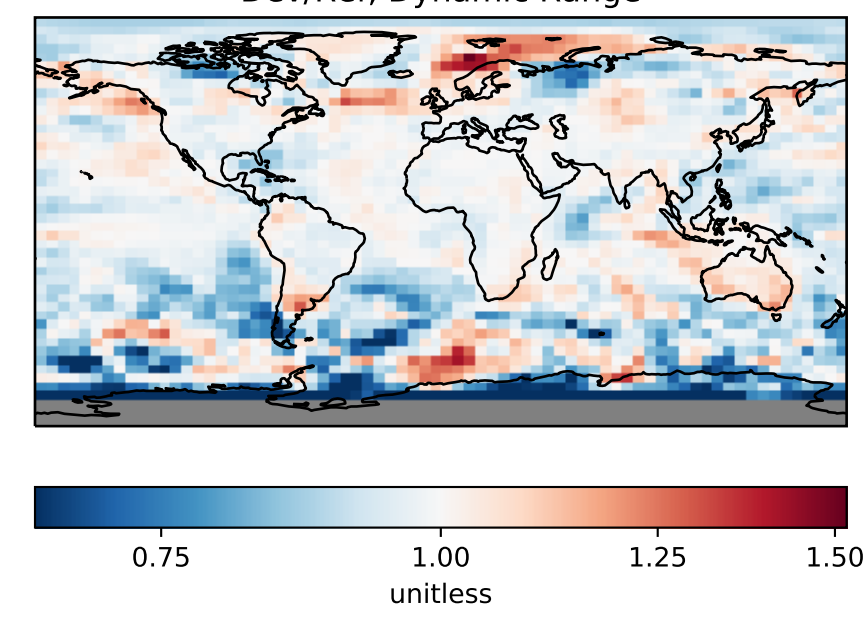
Difference
Dev - Ref, Dynamic Range



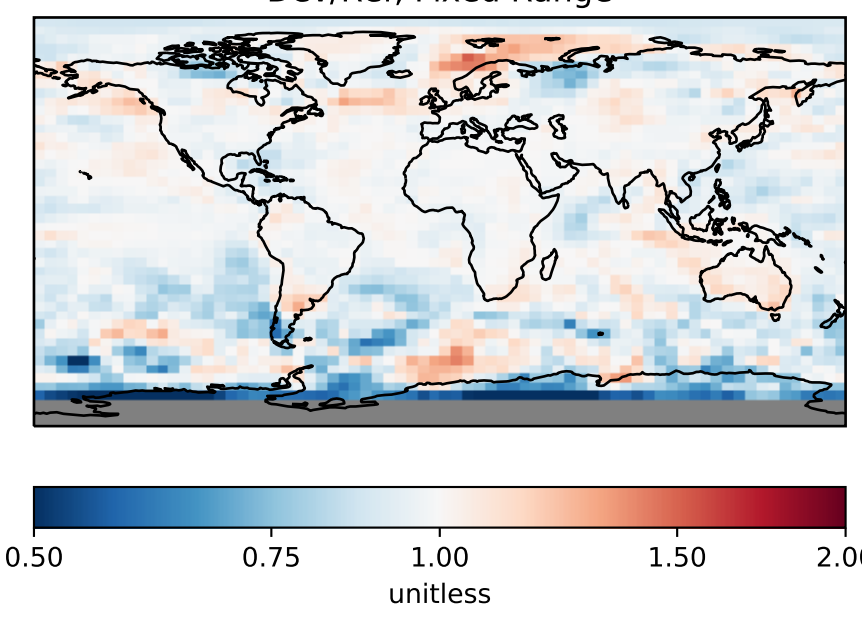
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

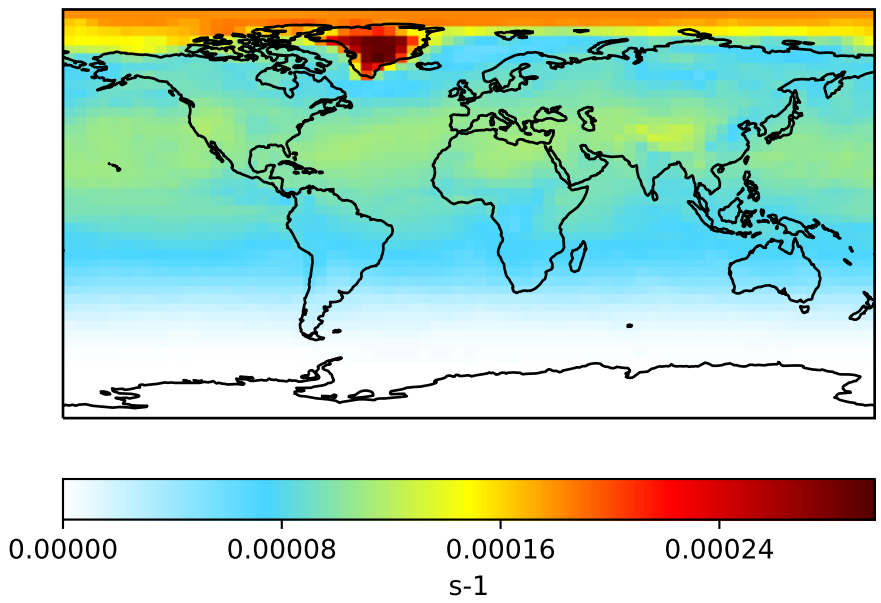


Ratio
Dev/Ref, Fixed Range

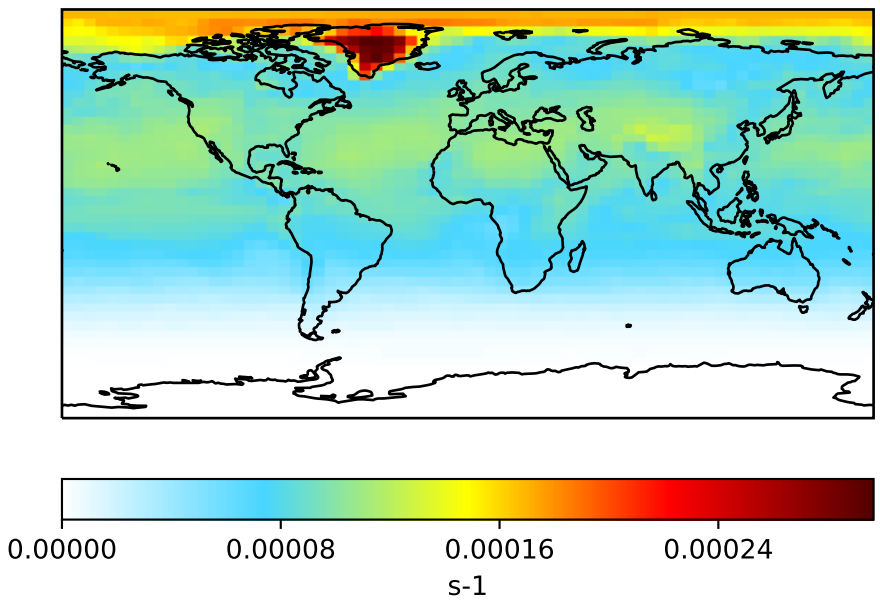


Jval_ICN (Jul2019)

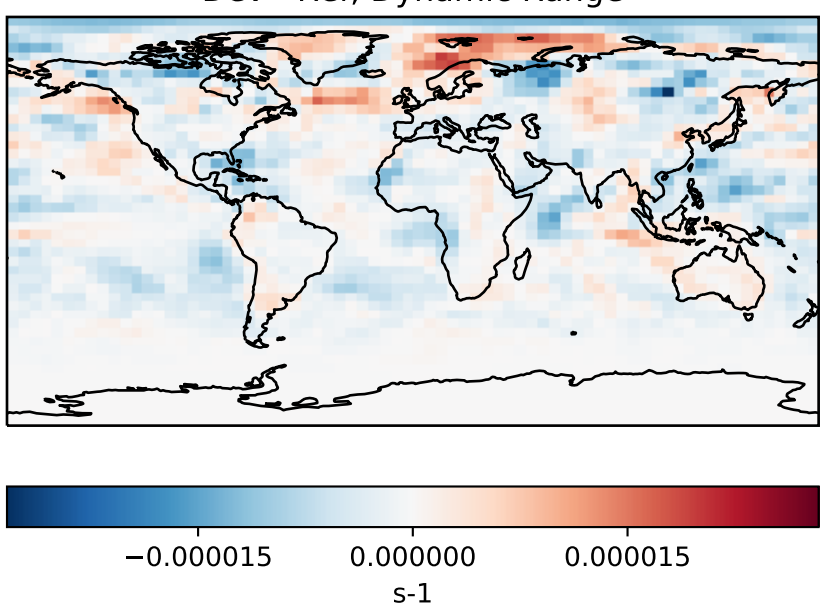
GCC_12.9.0 (Ref)
4.0x5.0



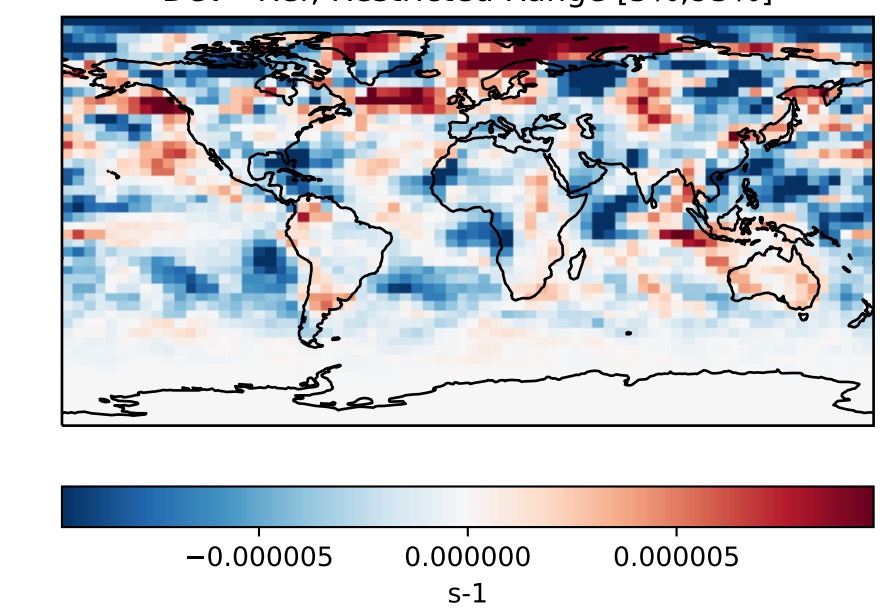
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



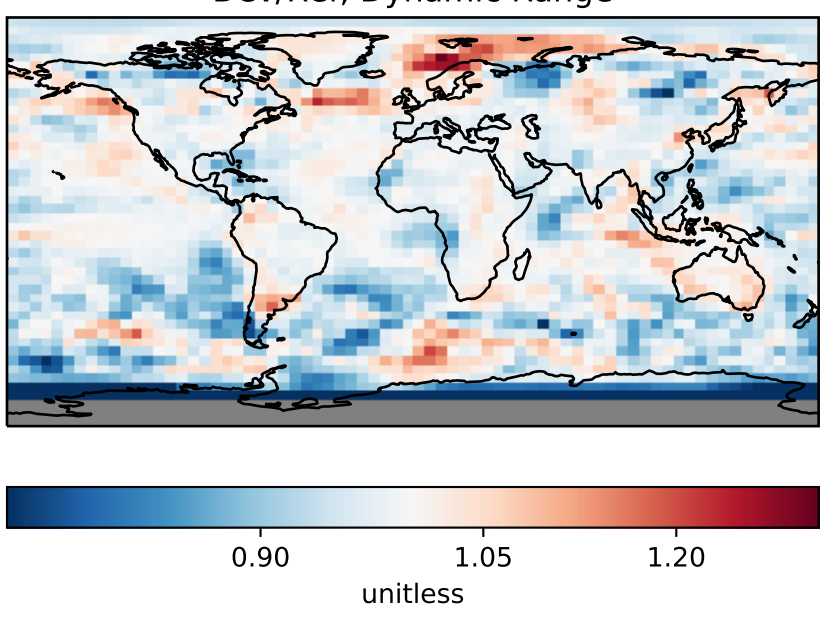
Difference
Dev - Ref, Dynamic Range



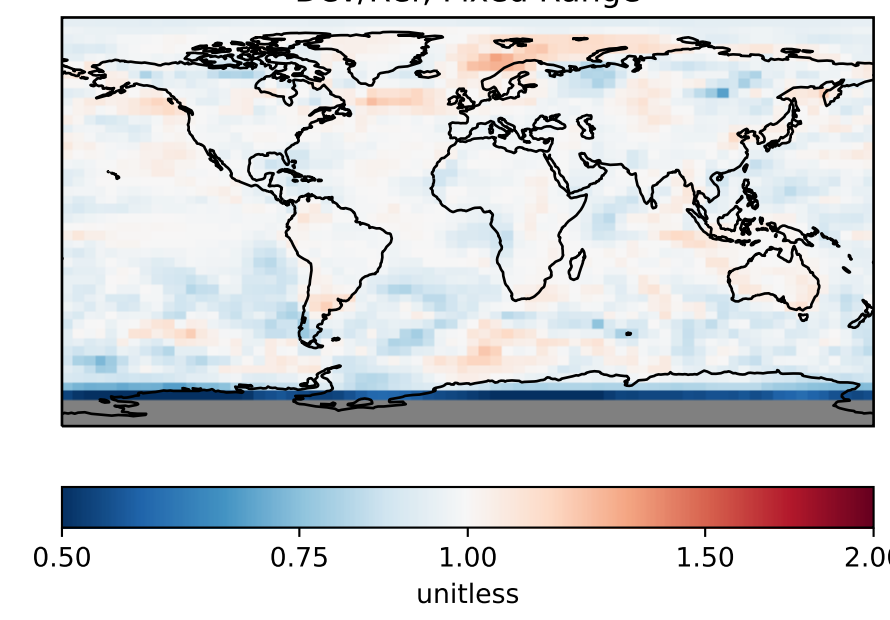
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

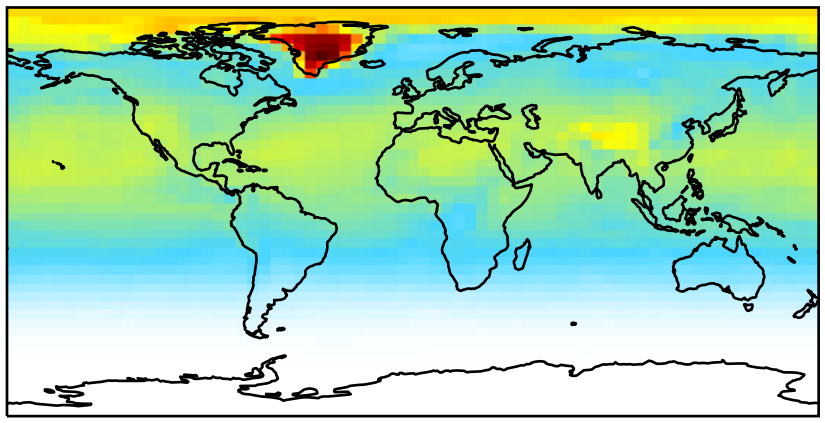


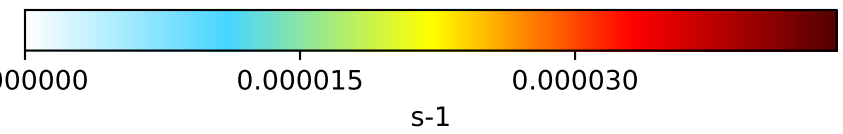
Ratio
Dev/Ref, Fixed Range



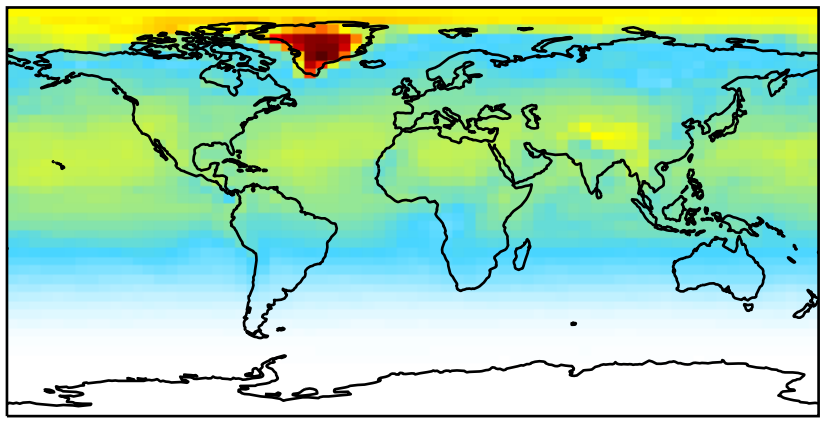
Jval_ICPDH (Jul2019)

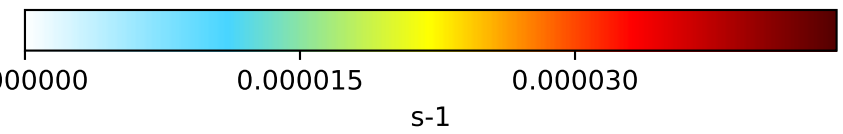
GCC_12.9.0 (Ref)
4.0x5.0



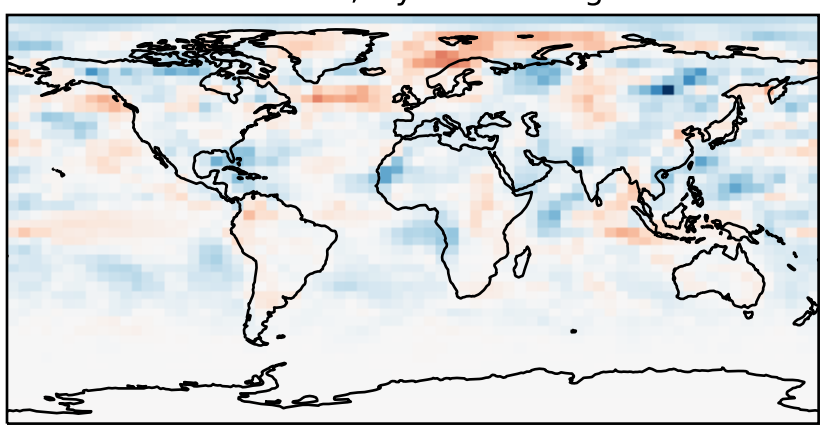


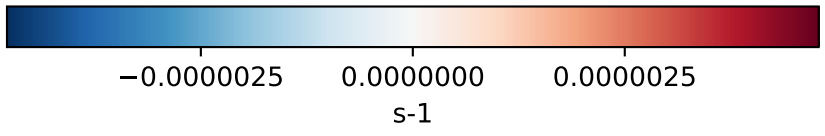
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



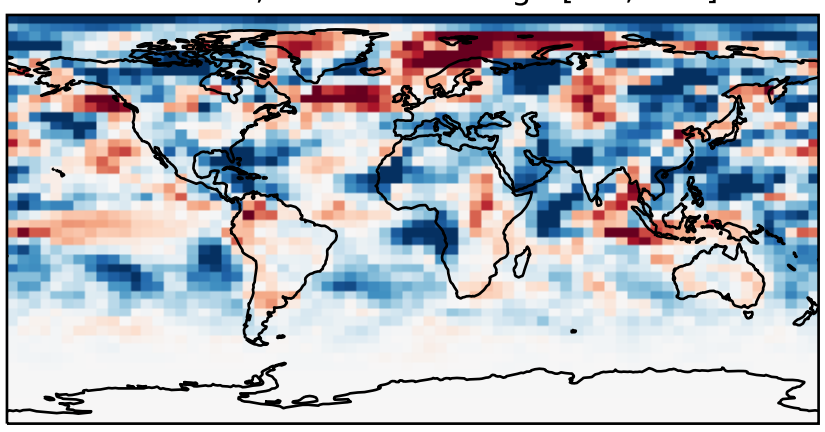


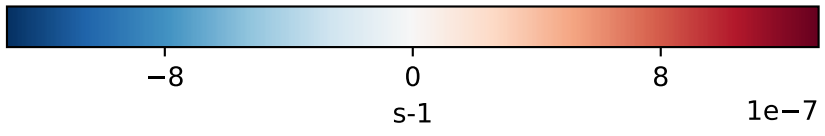
Difference
Dev - Ref, Dynamic Range



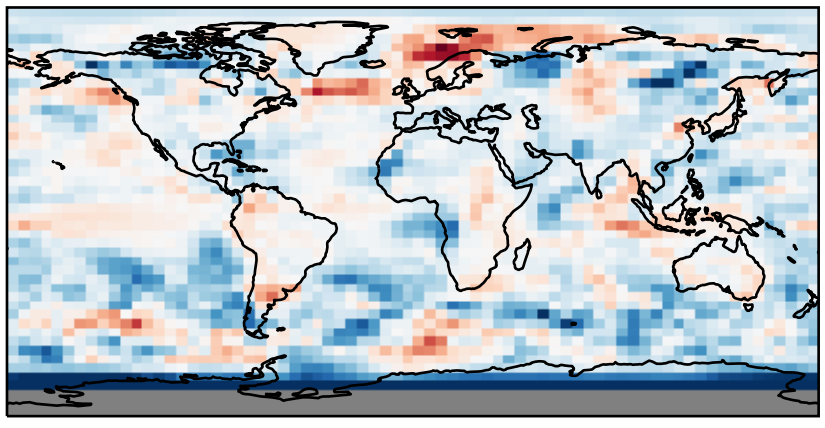


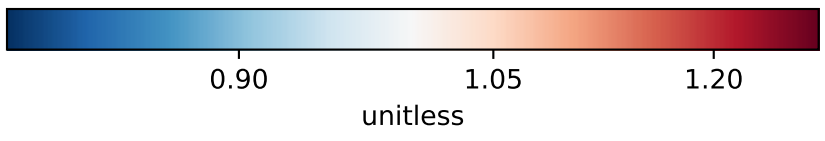
Difference
Dev - Ref, Restricted Range [5%,95%]



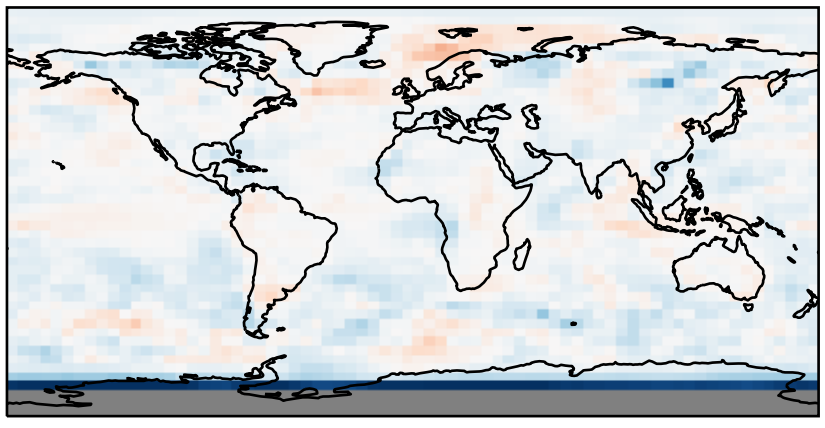


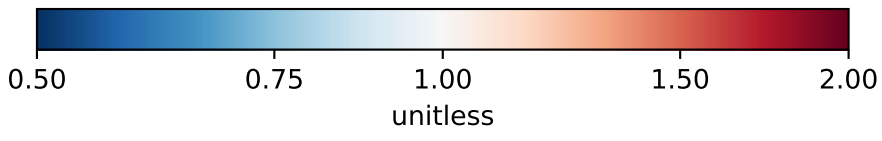
Ratio
Dev/Ref, Dynamic Range





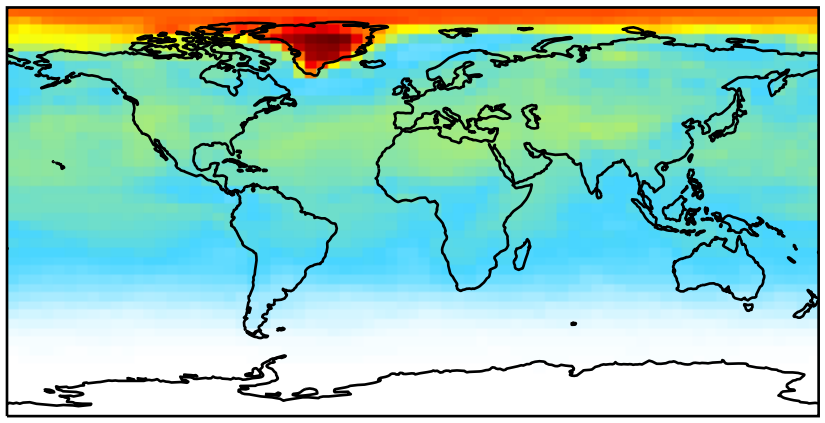
Ratio
Dev/Ref, Fixed Range

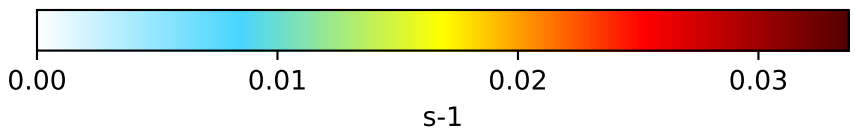




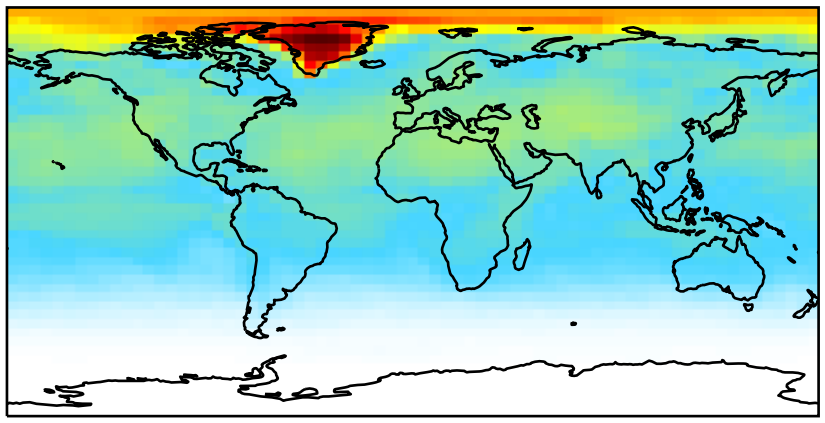
Jval_ICl (Jul2019)

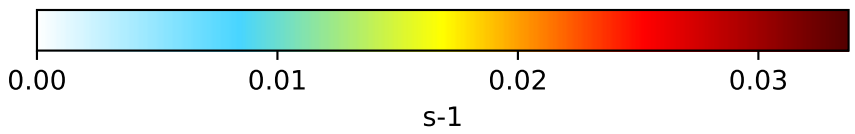
GCC_12.9.0 (Ref)
4.0x5.0



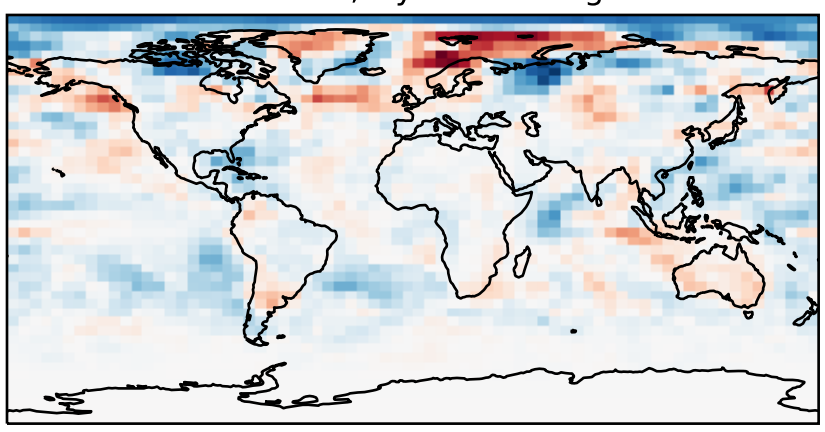


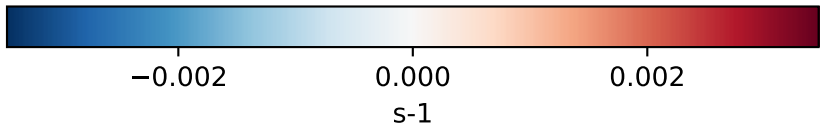
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



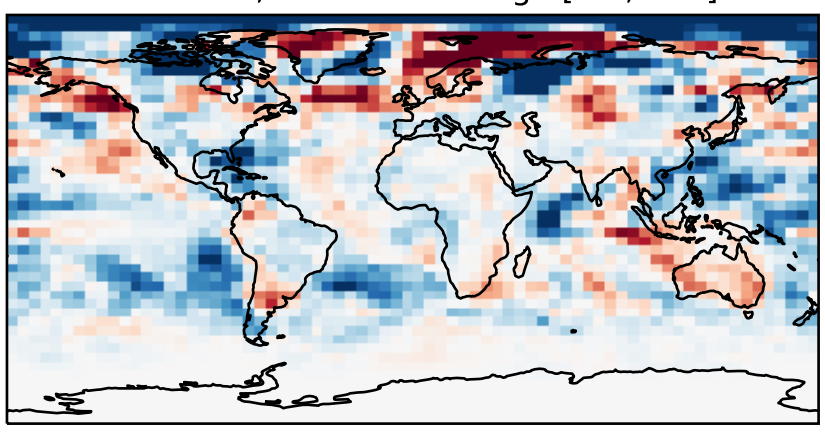


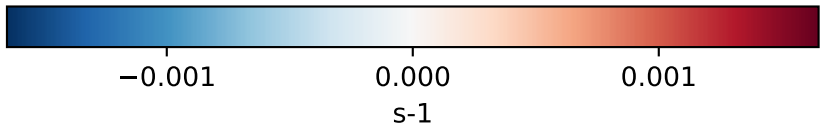
Difference
Dev - Ref, Dynamic Range



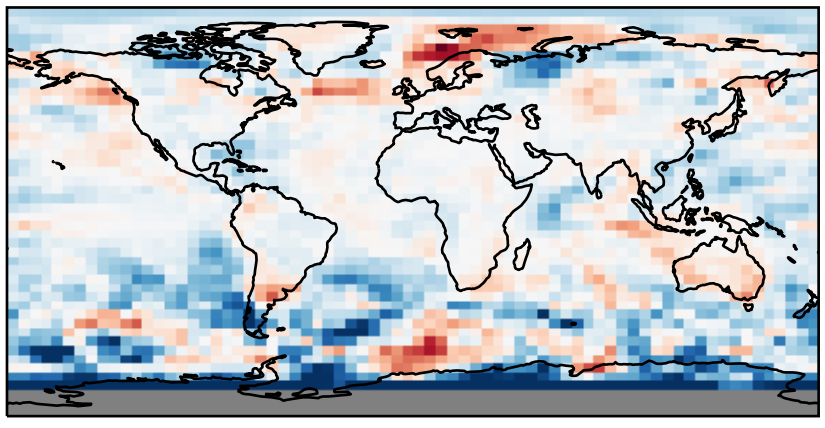


Difference
Dev - Ref, Restricted Range [5%,95%]



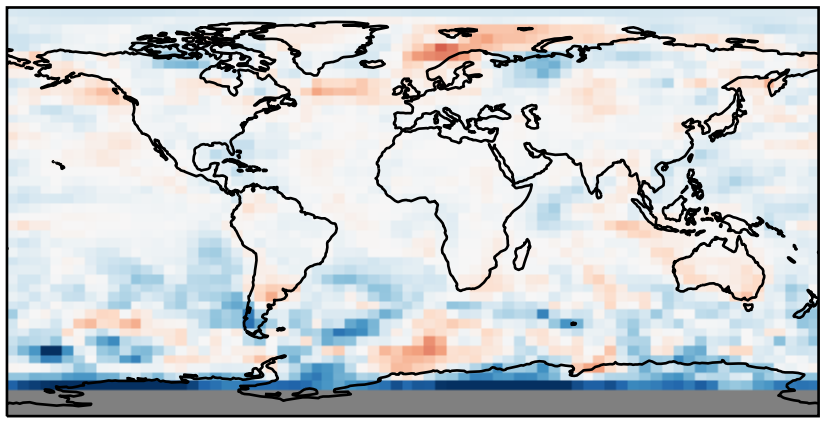


Ratio
Dev/Ref, Dynamic Range





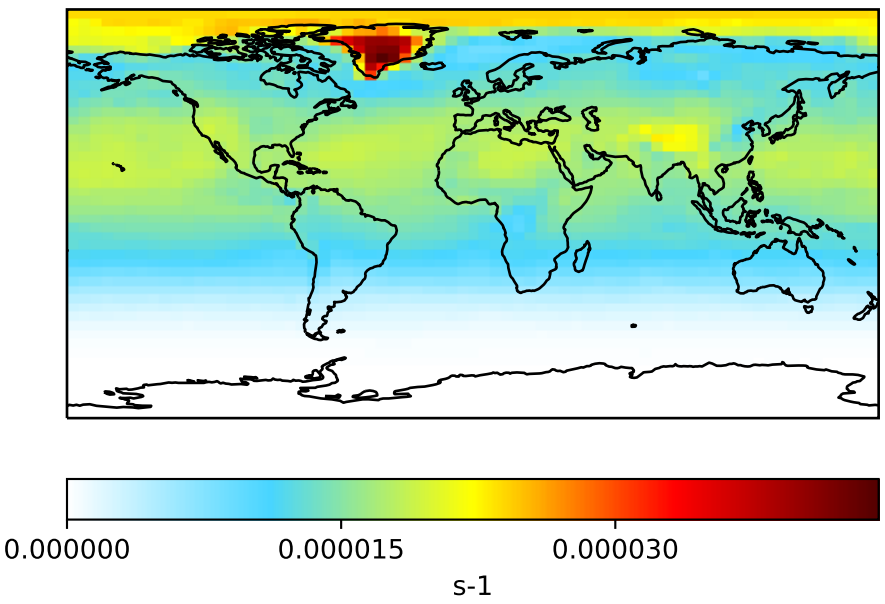
Ratio
Dev/Ref, Fixed Range



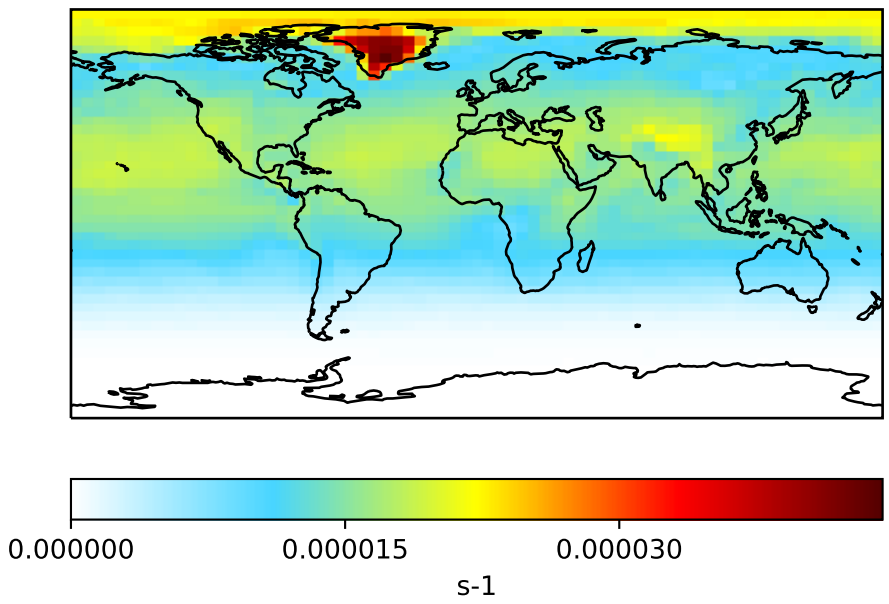


Jval_IDCHP (Jul2019)

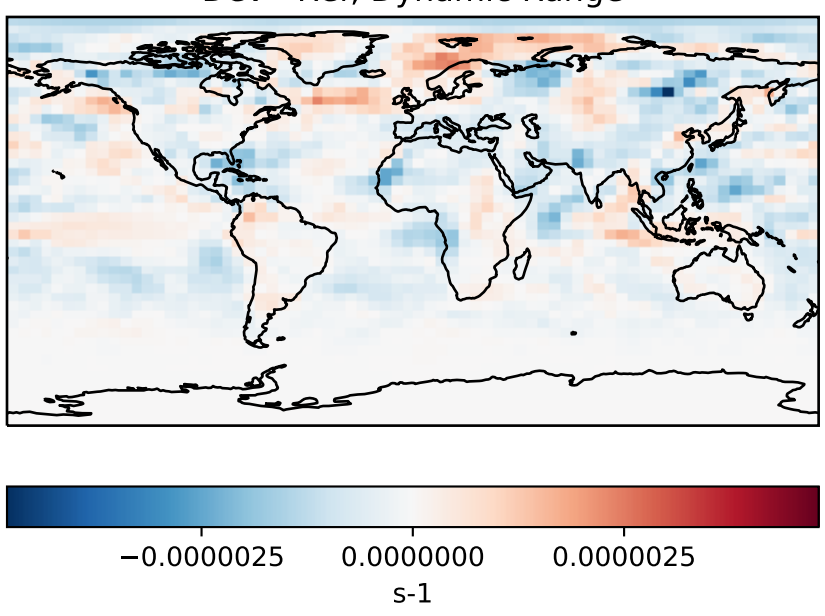
GCC_12.9.0 (Ref)
4.0x5.0



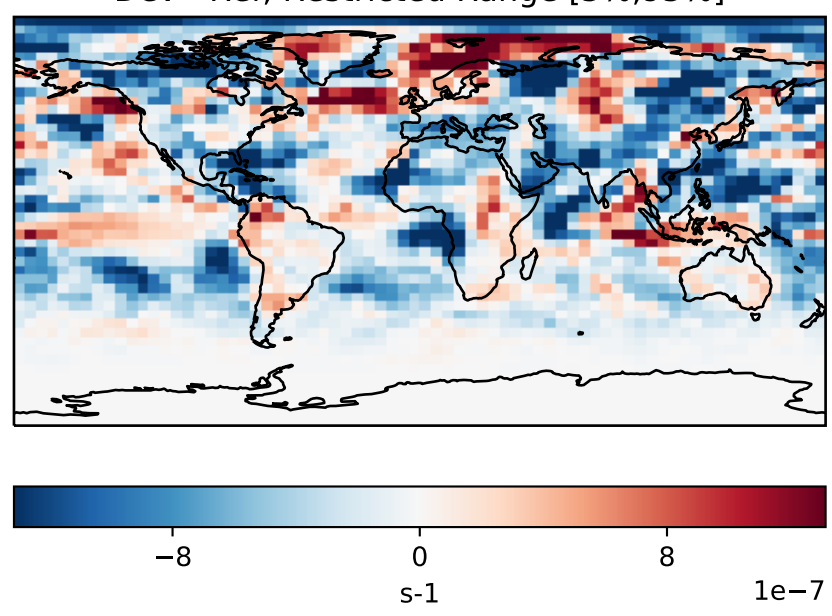
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



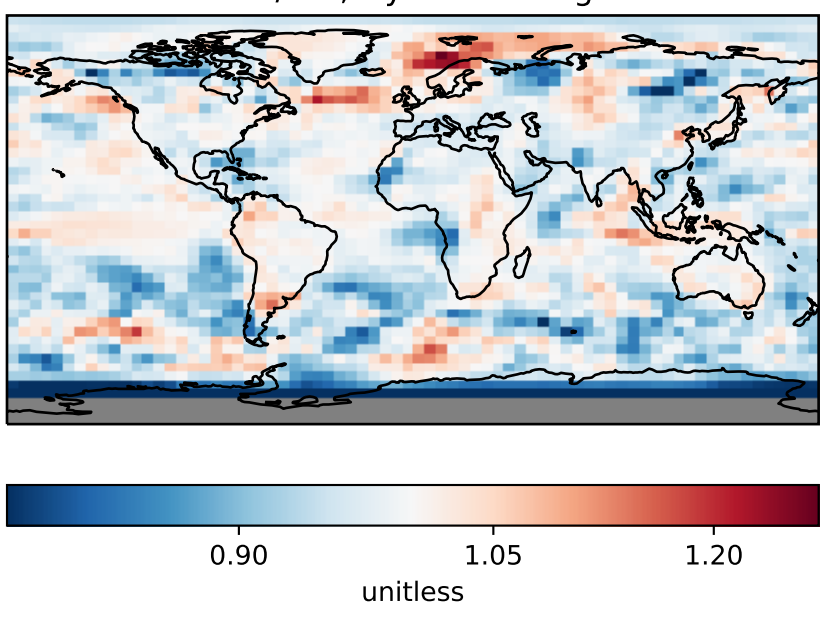
Difference
Dev - Ref, Dynamic Range



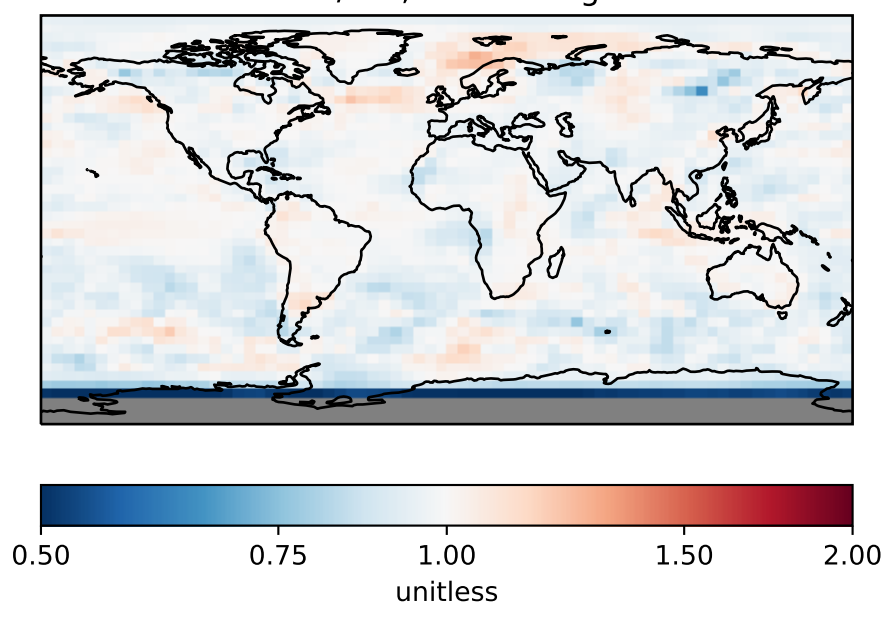
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

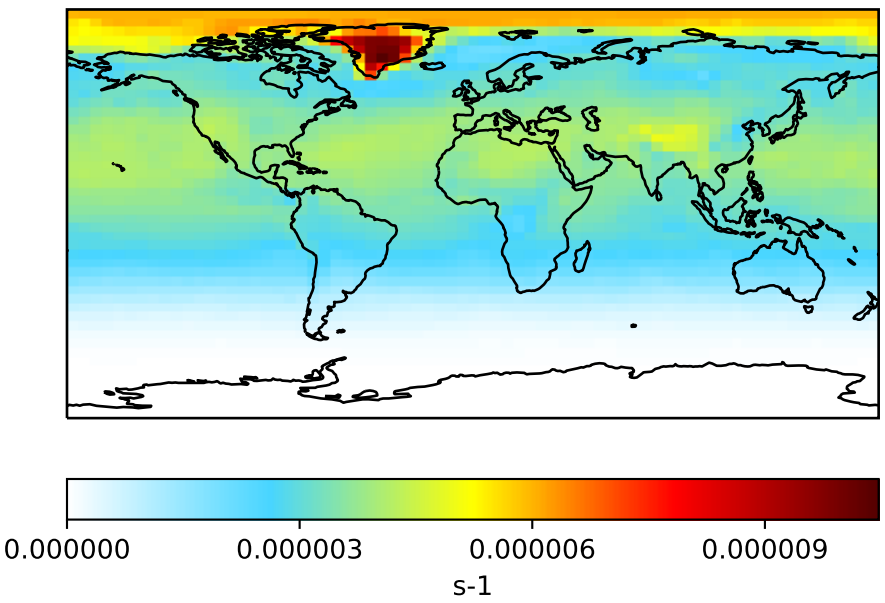


Ratio
Dev/Ref, Fixed Range

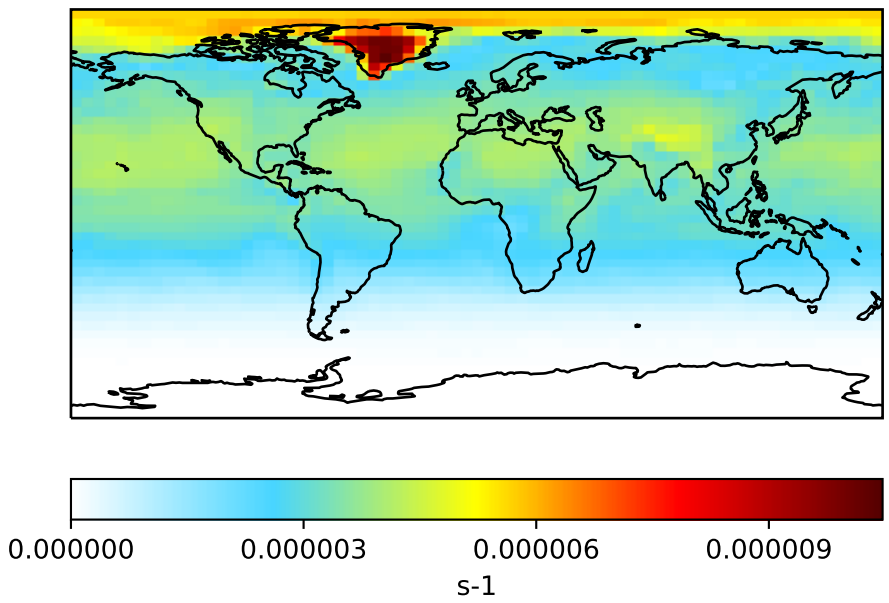


Jval_IDHDP (Jul2019)

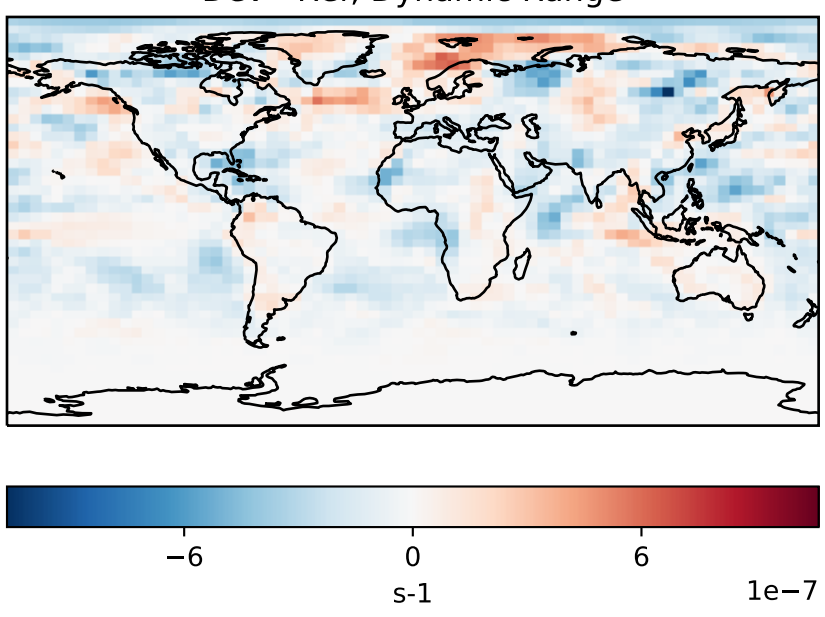
GCC_12.9.0 (Ref)
4.0x5.0



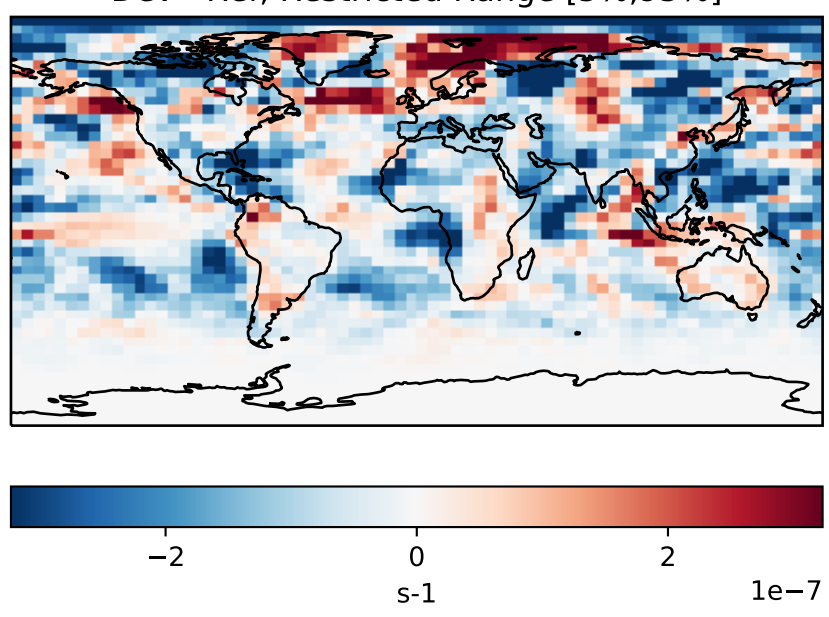
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



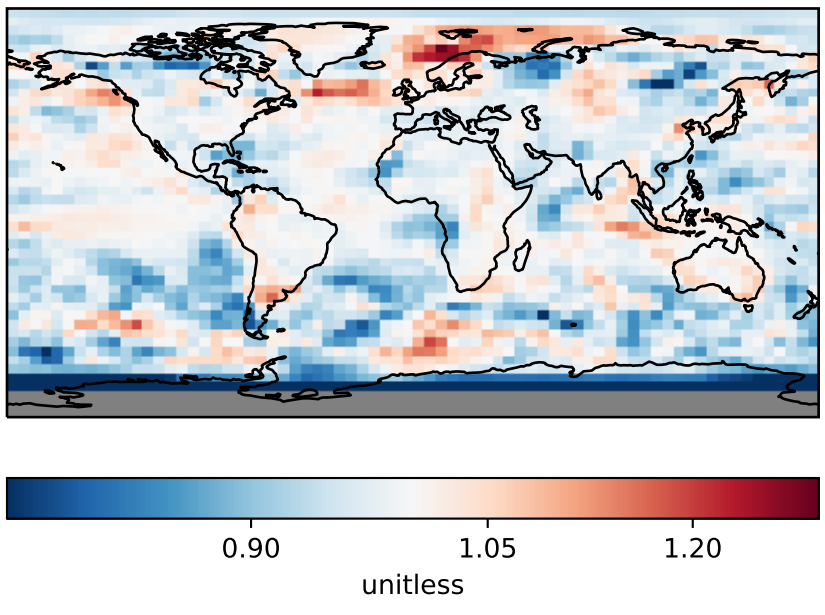
Difference
Dev - Ref, Dynamic Range



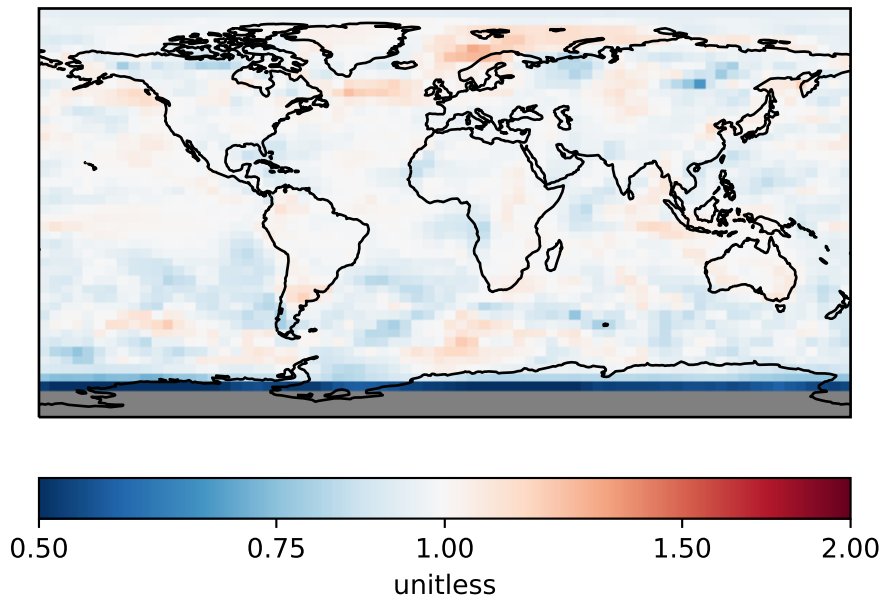
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

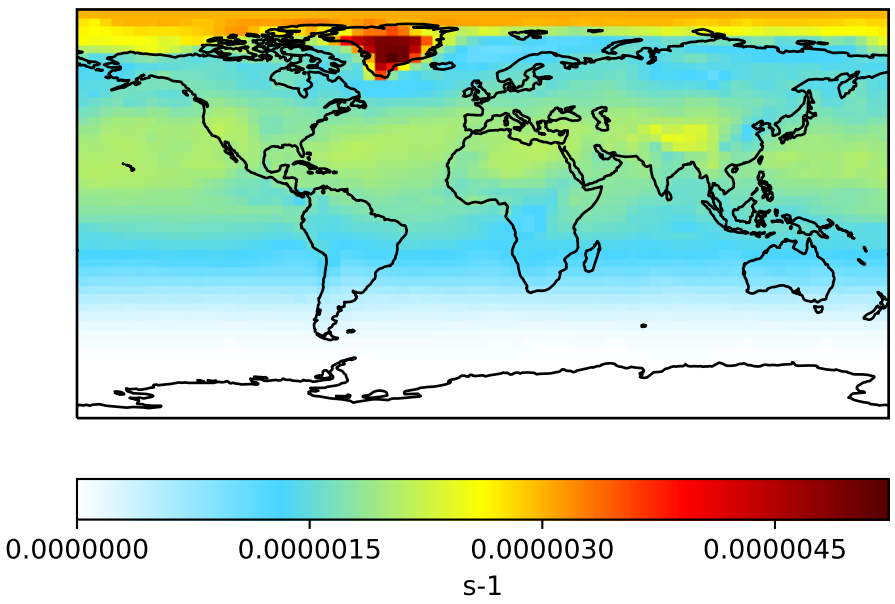


Ratio
Dev/Ref, Fixed Range

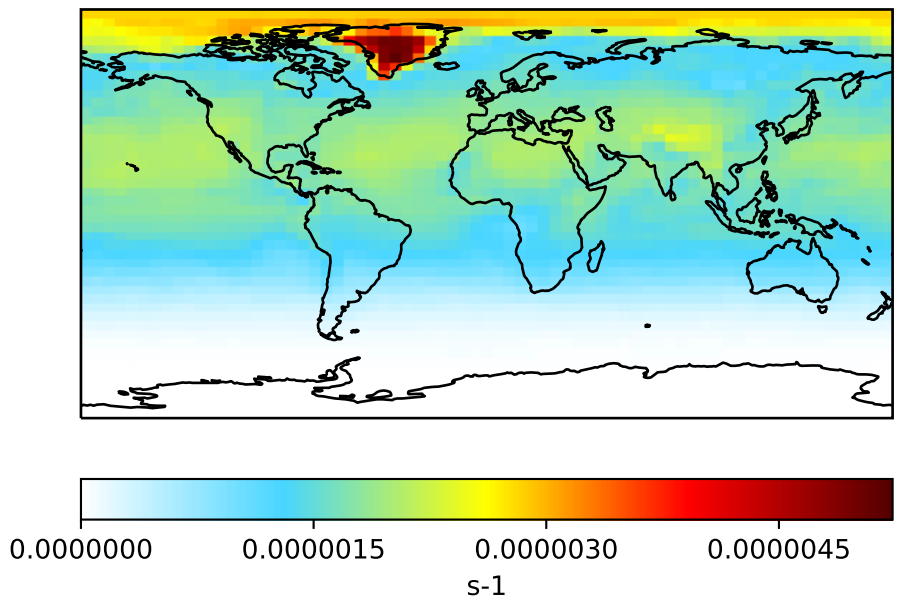


Jval_IDHPE (Jul2019)

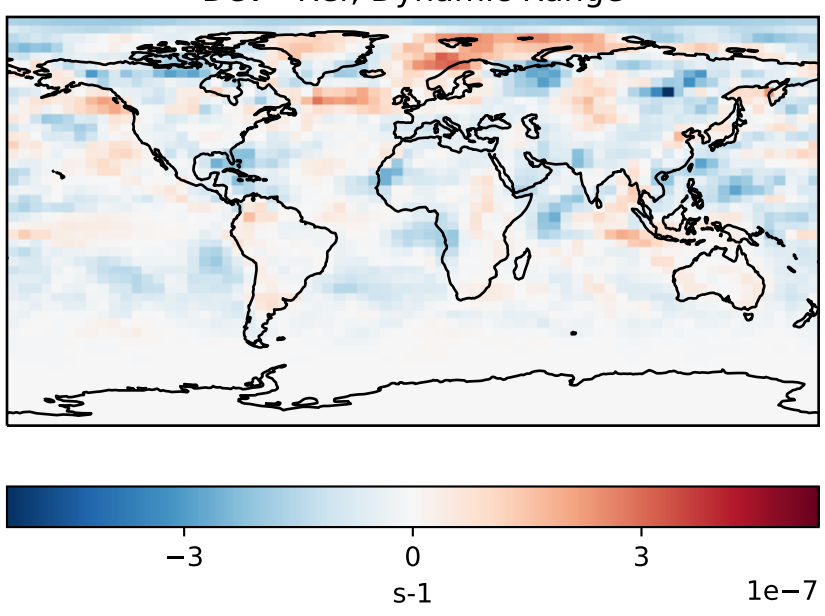
GCC_12.9.0 (Ref)
4.0x5.0



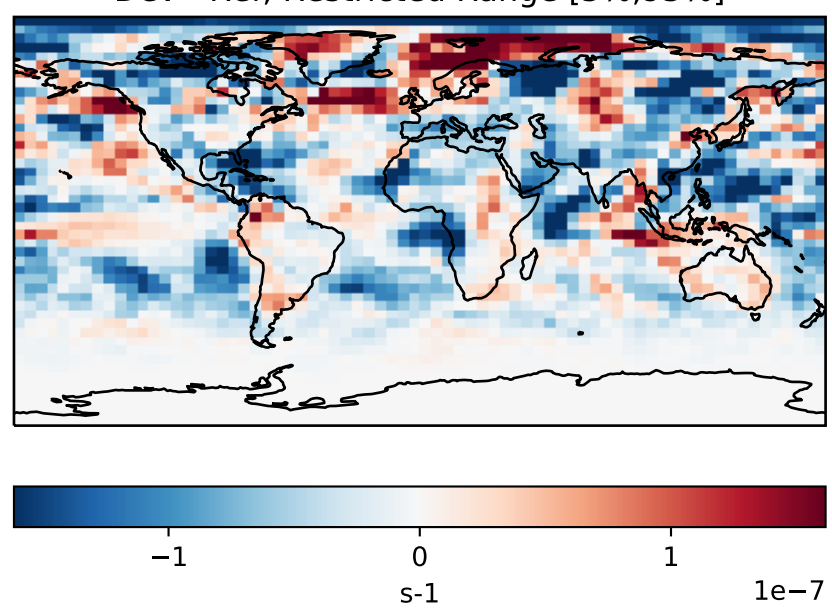
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



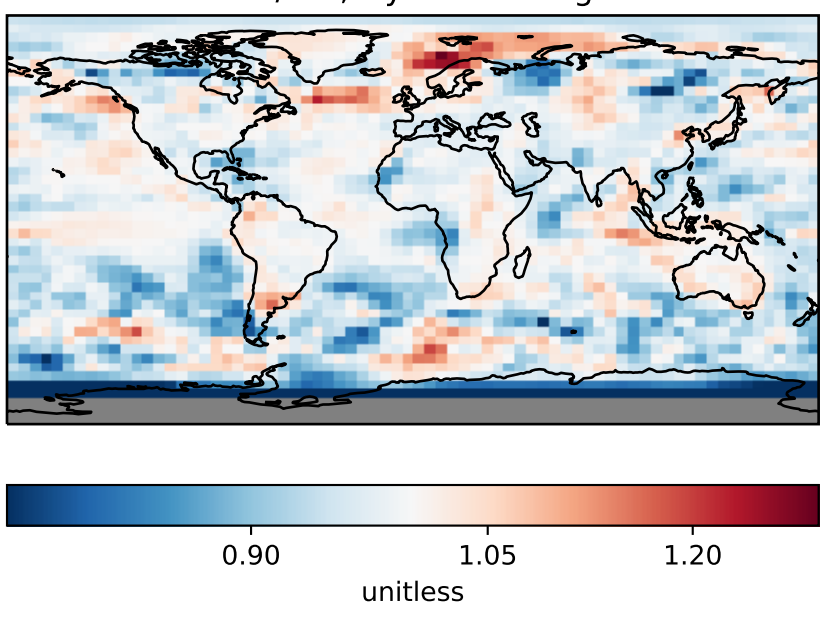
Difference
Dev - Ref, Dynamic Range



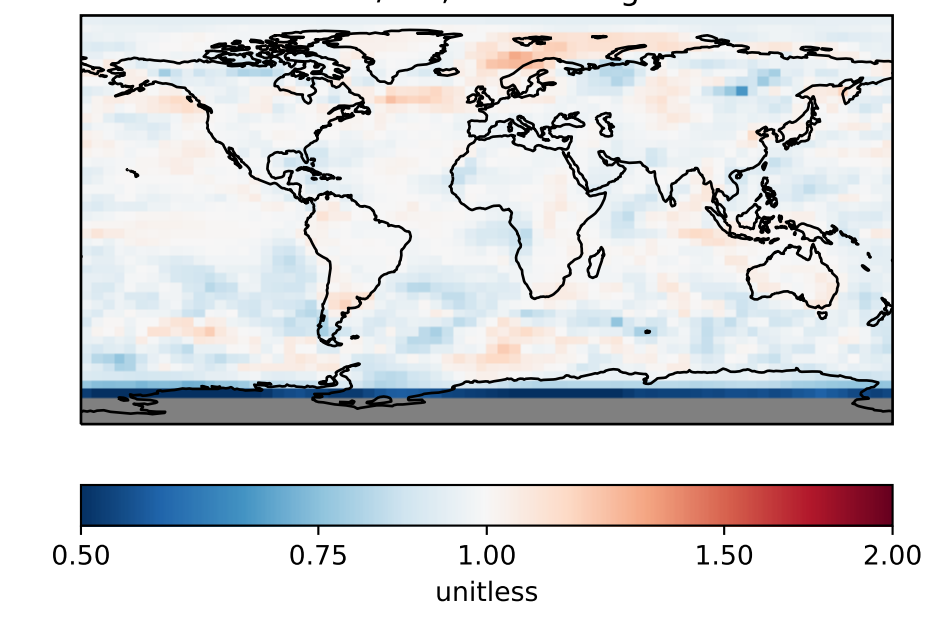
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

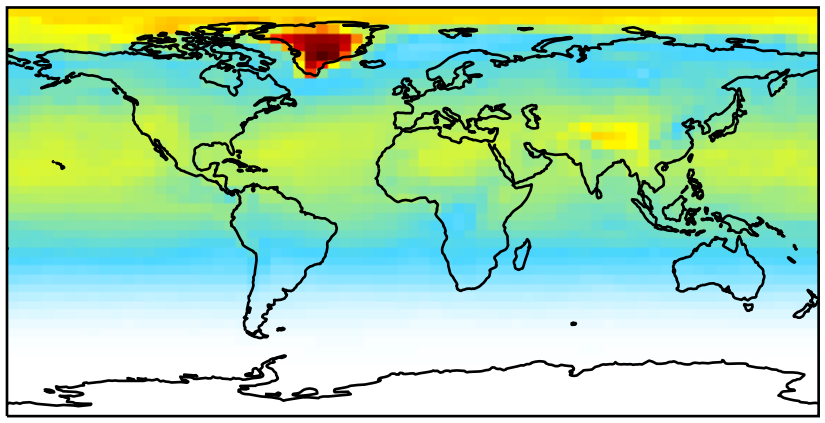


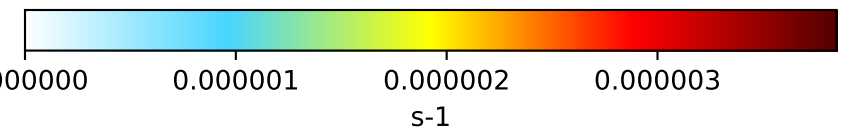
Ratio
Dev/Ref, Fixed Range



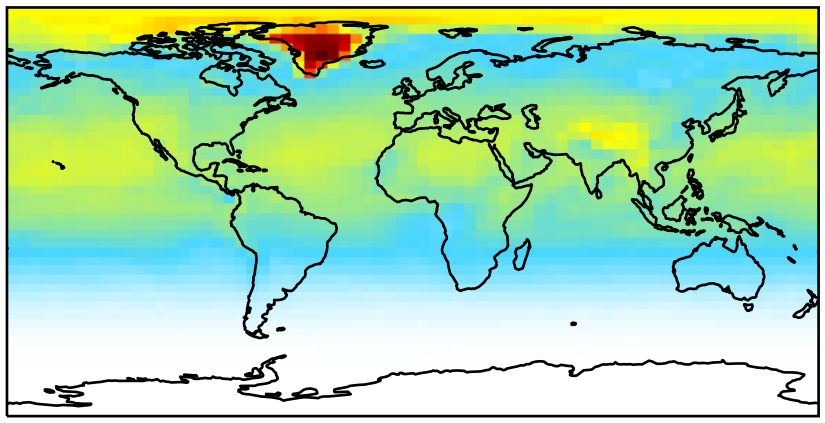
Jval_IDN (Jul2019)

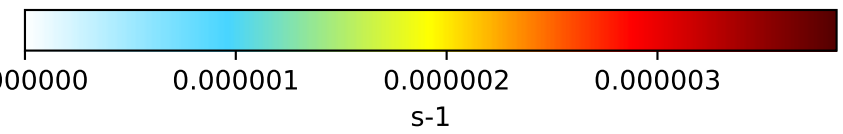
GCC_12.9.0 (Ref)
4.0x5.0



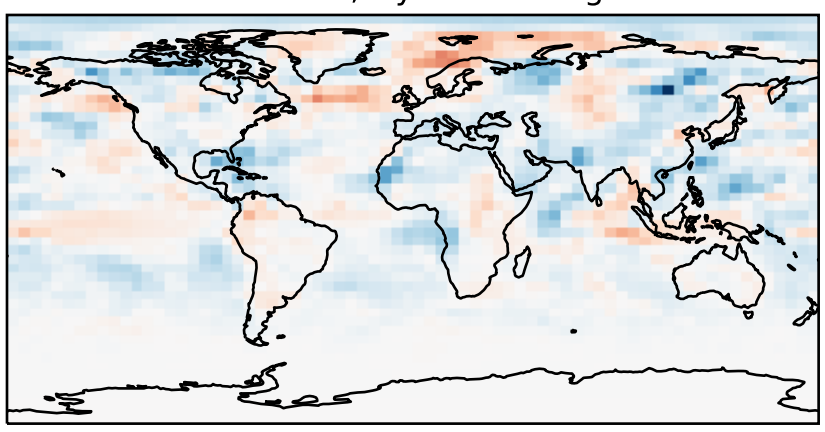


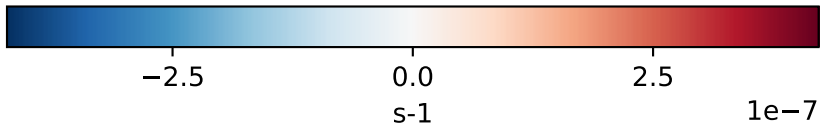
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



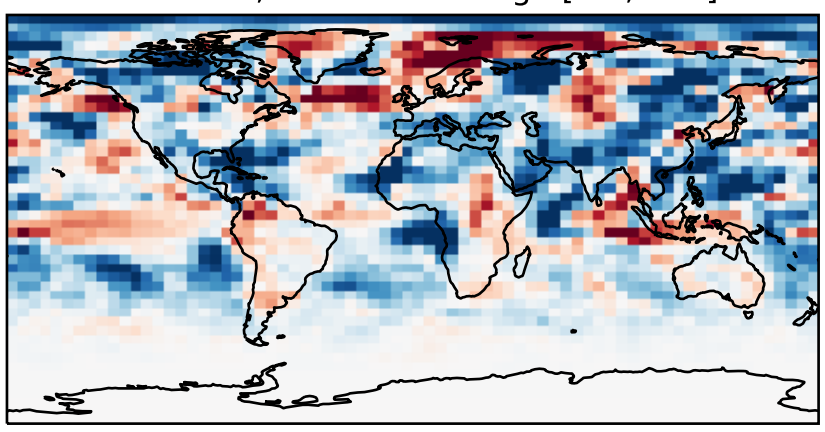


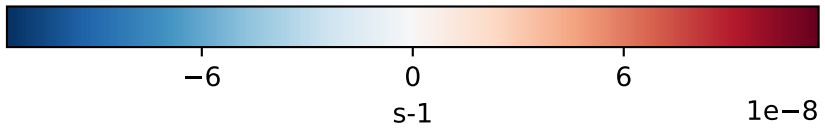
Difference
Dev - Ref, Dynamic Range



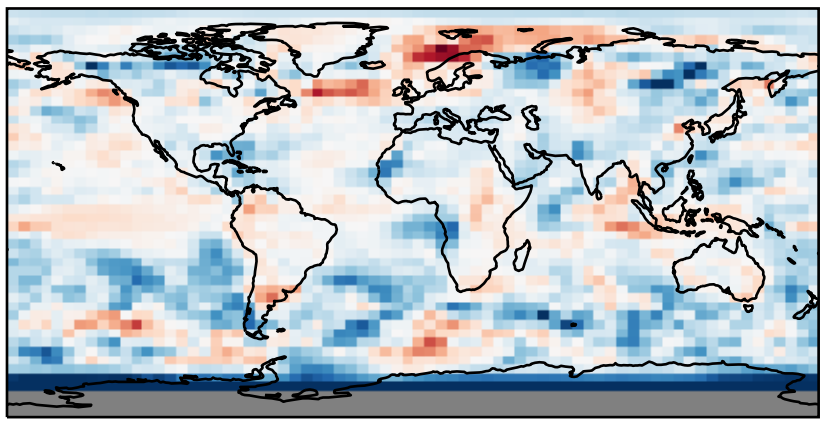


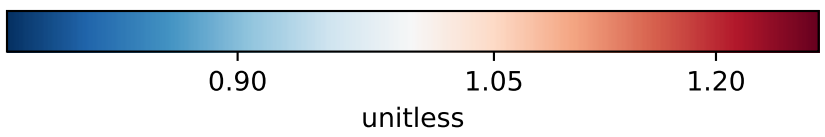
Difference
Dev - Ref, Restricted Range [5%,95%]



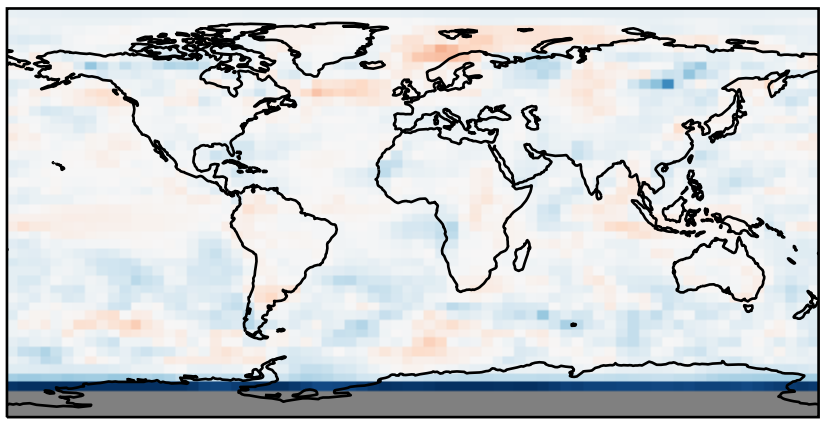


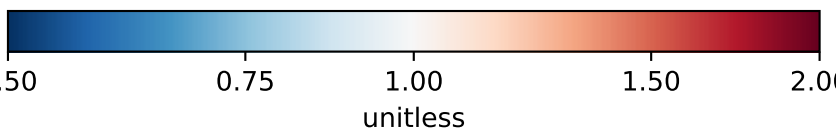
Ratio
Dev/Ref, Dynamic Range





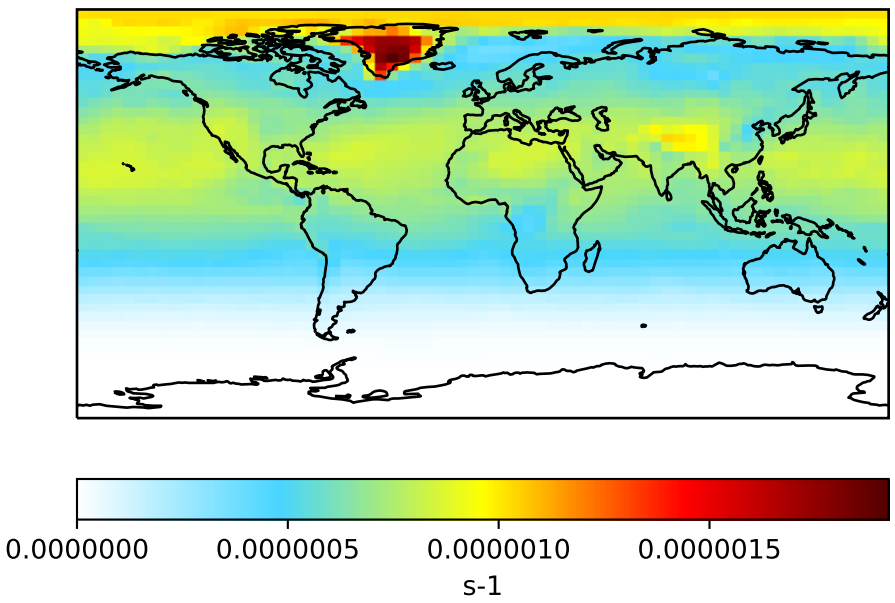
Ratio
Dev/Ref, Fixed Range



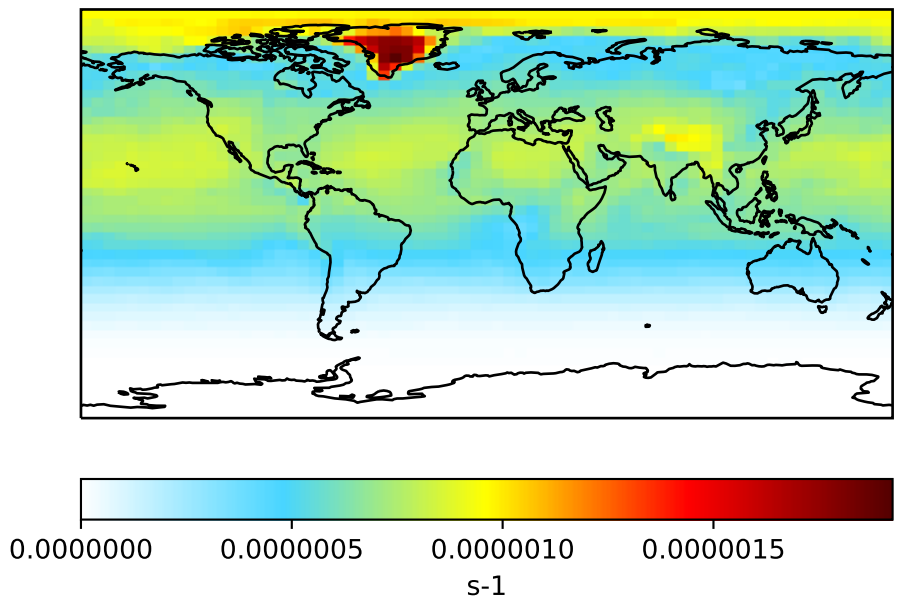


Jval_IHN1 (Jul2019)

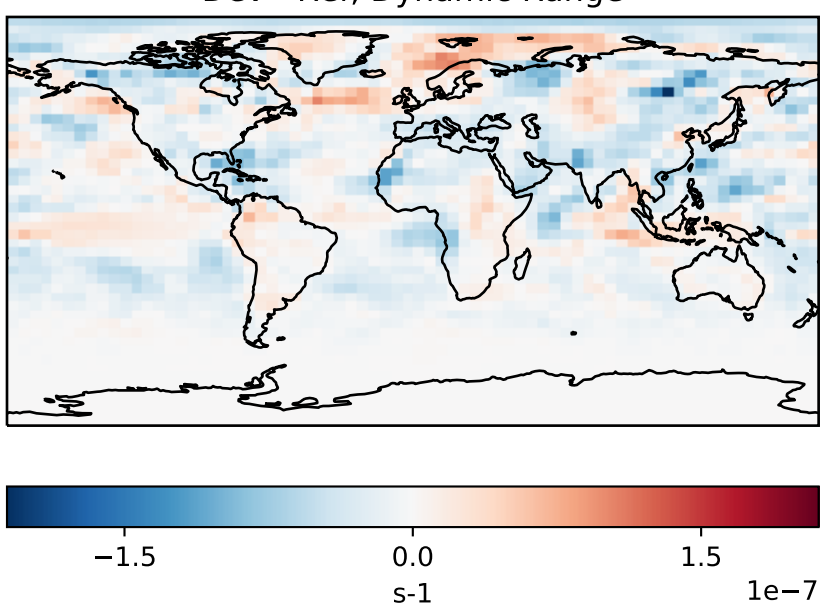
GCC_12.9.0 (Ref)
4.0x5.0



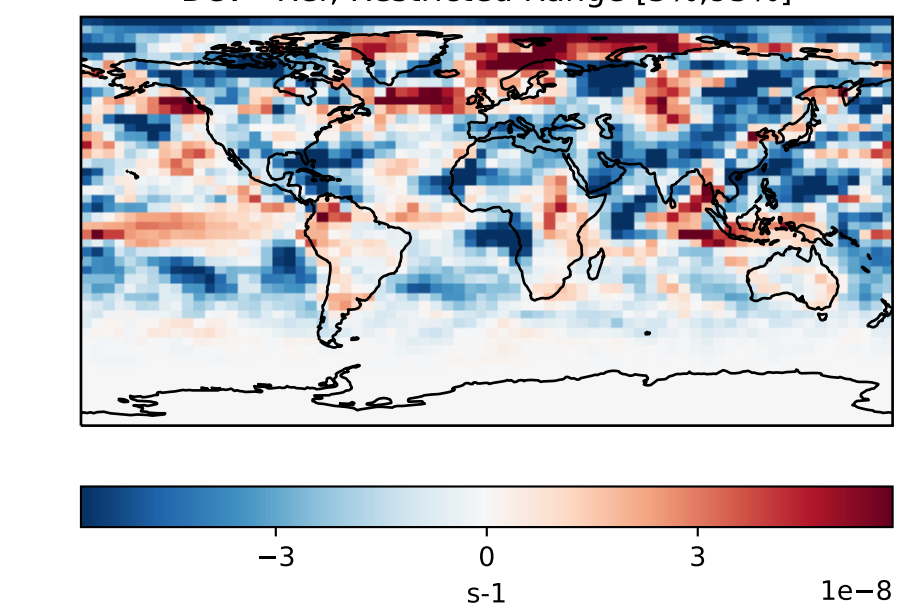
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



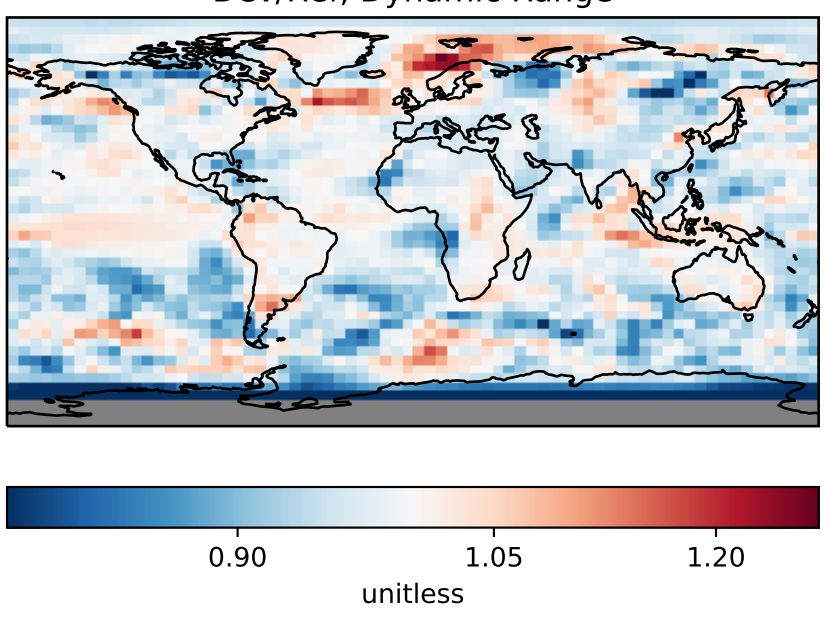
Difference
Dev - Ref, Dynamic Range



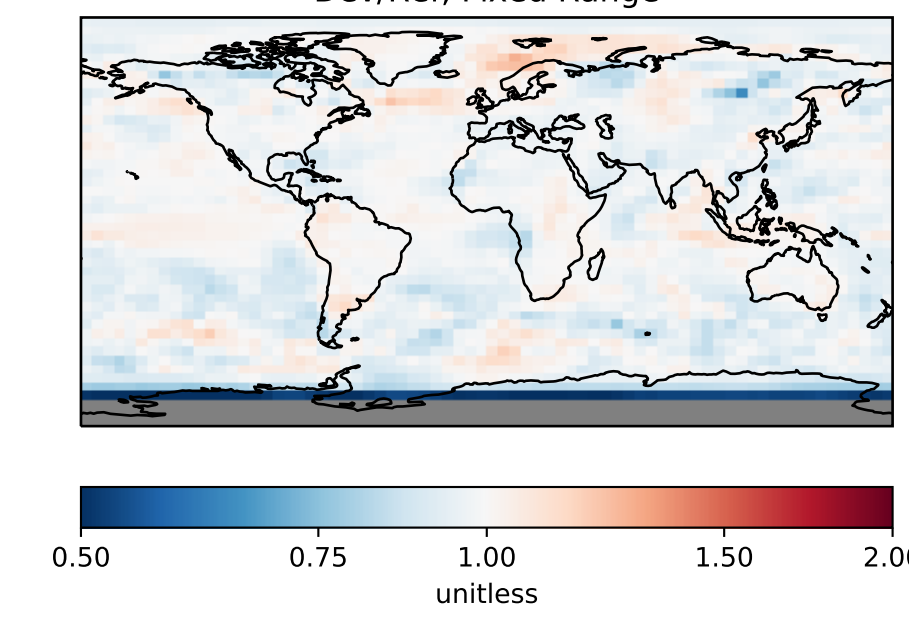
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

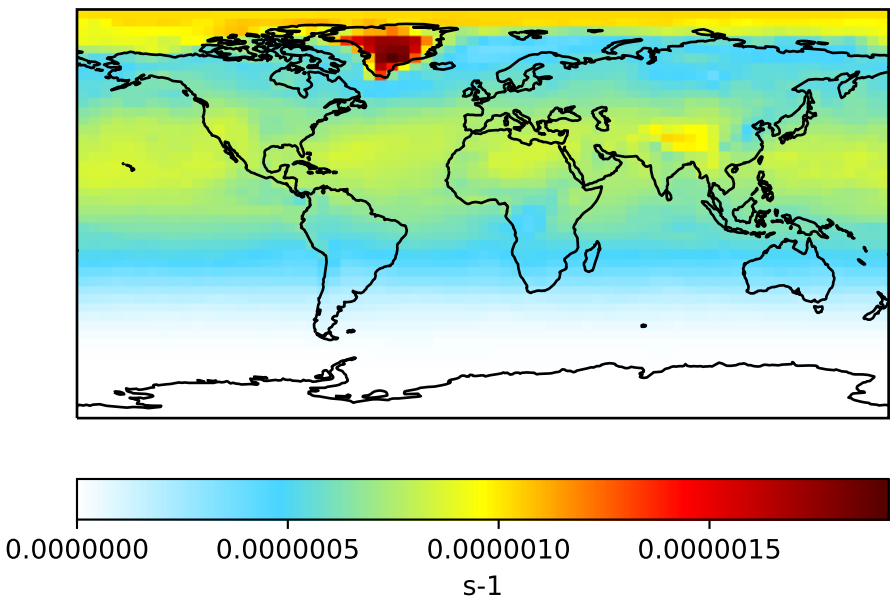


Ratio
Dev/Ref, Fixed Range

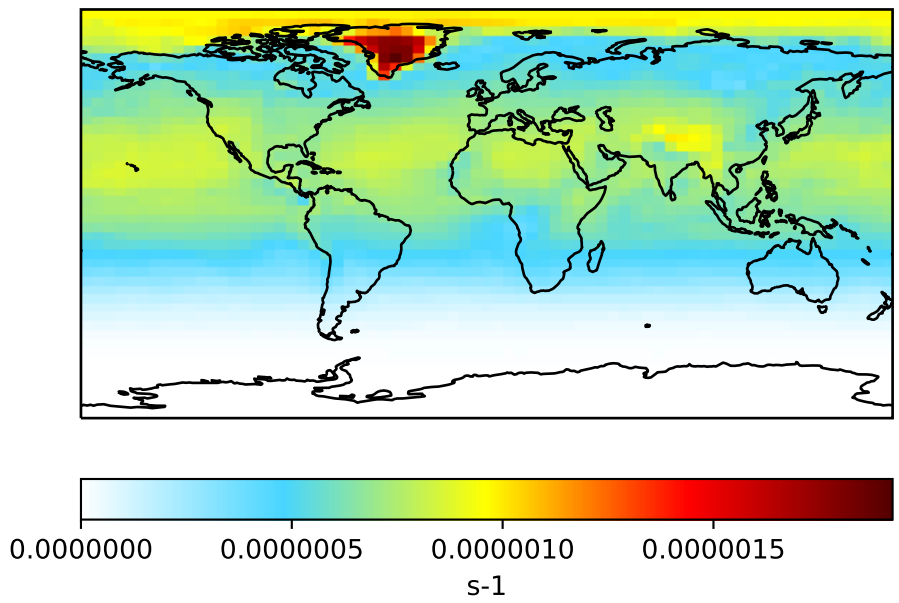


Jval_IHN2 (Jul2019)

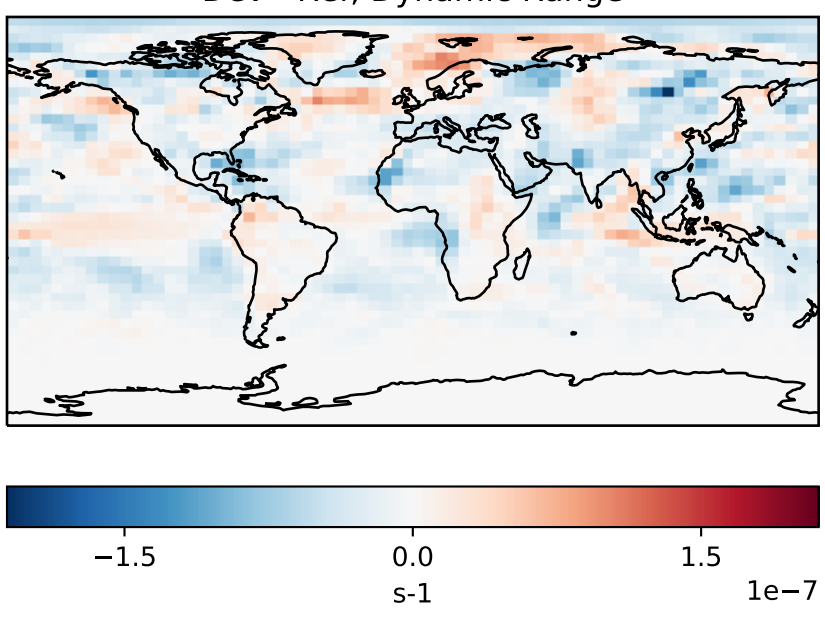
GCC_12.9.0 (Ref)
4.0x5.0



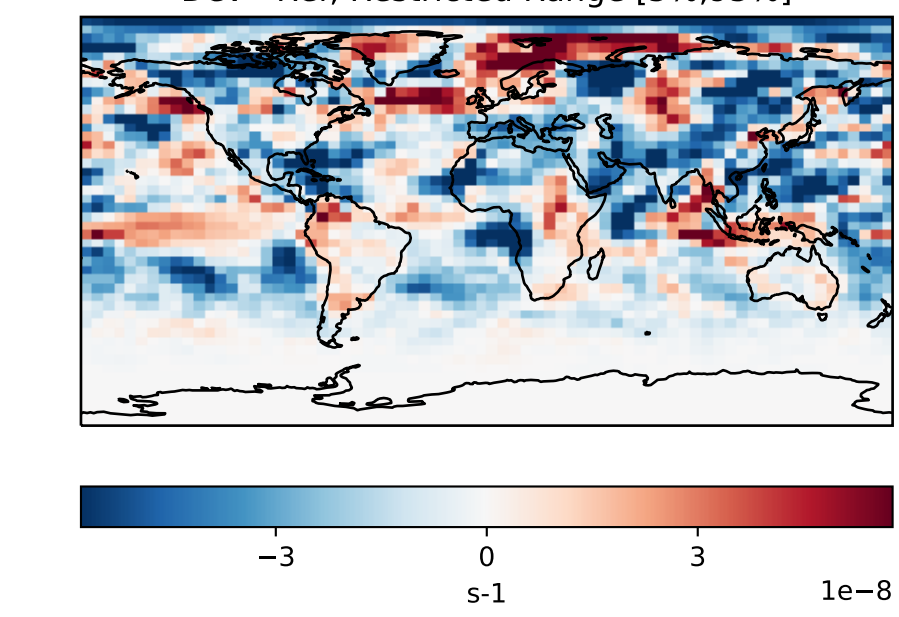
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



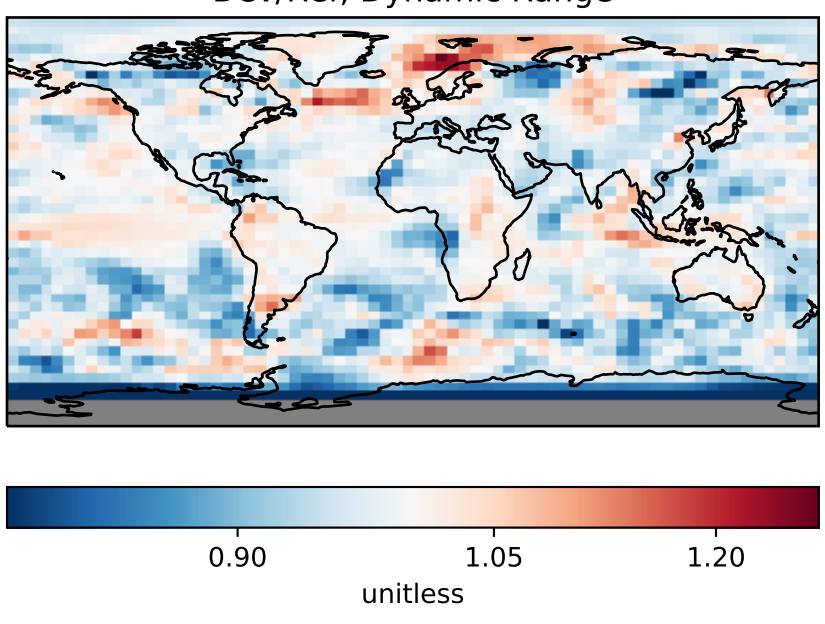
Difference
Dev - Ref, Dynamic Range



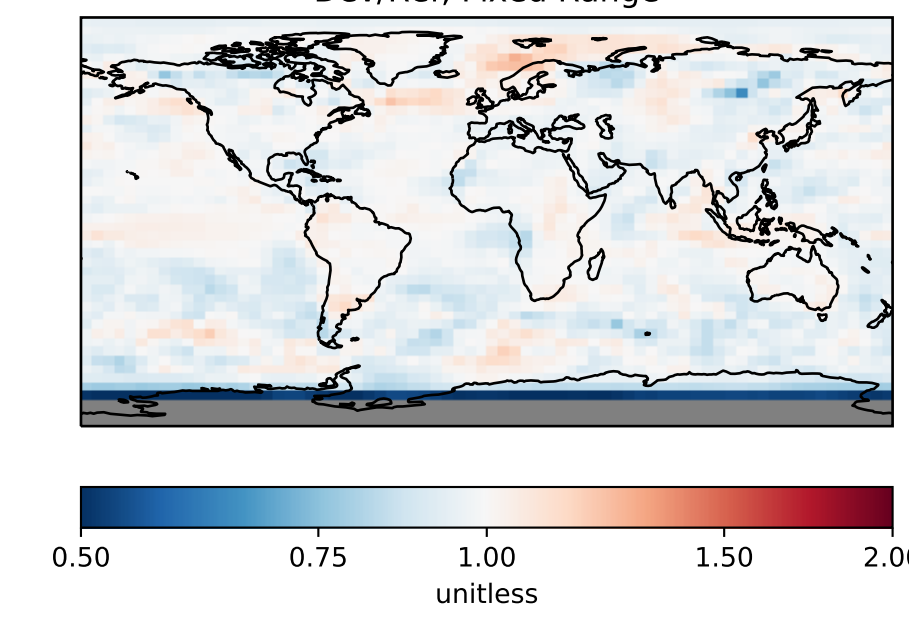
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

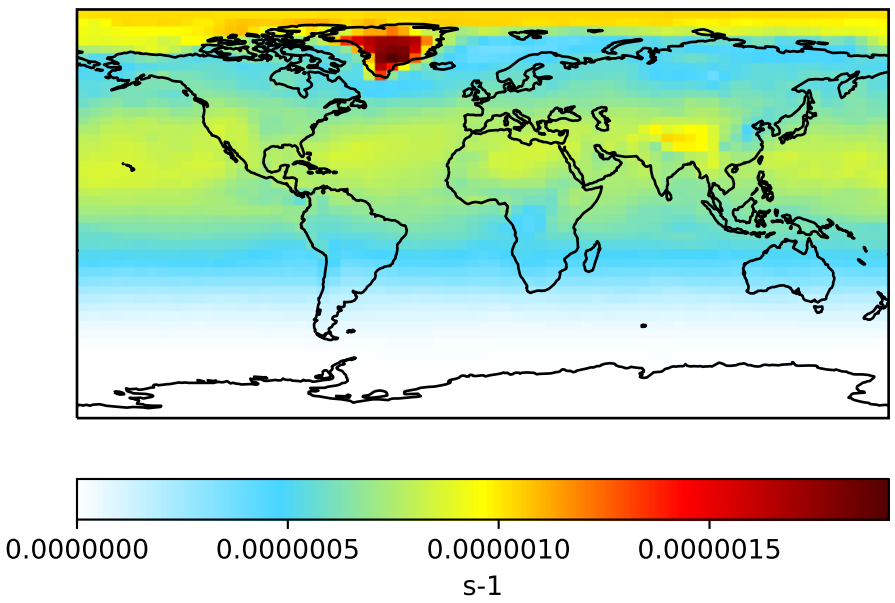


Ratio
Dev/Ref, Fixed Range

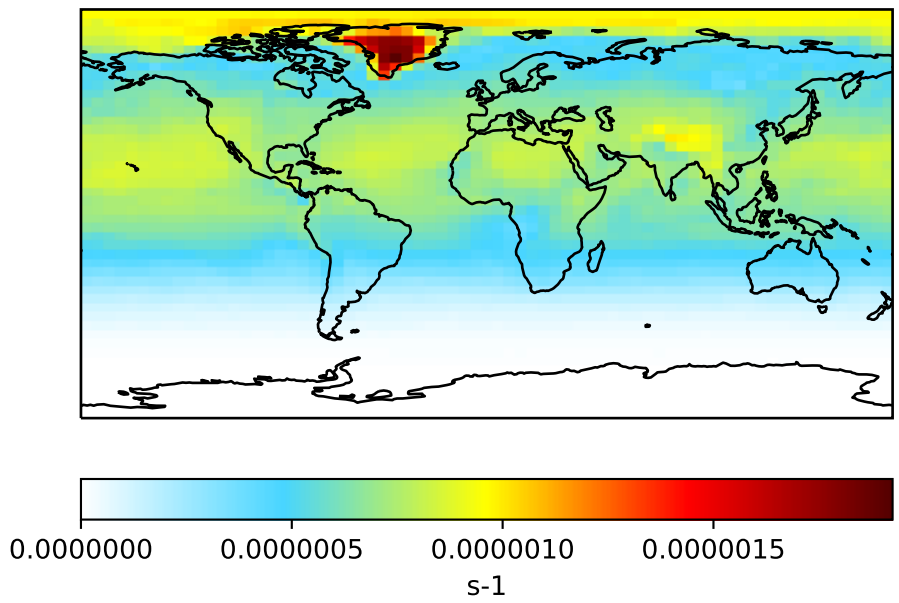


Jval_IHN3 (Jul2019)

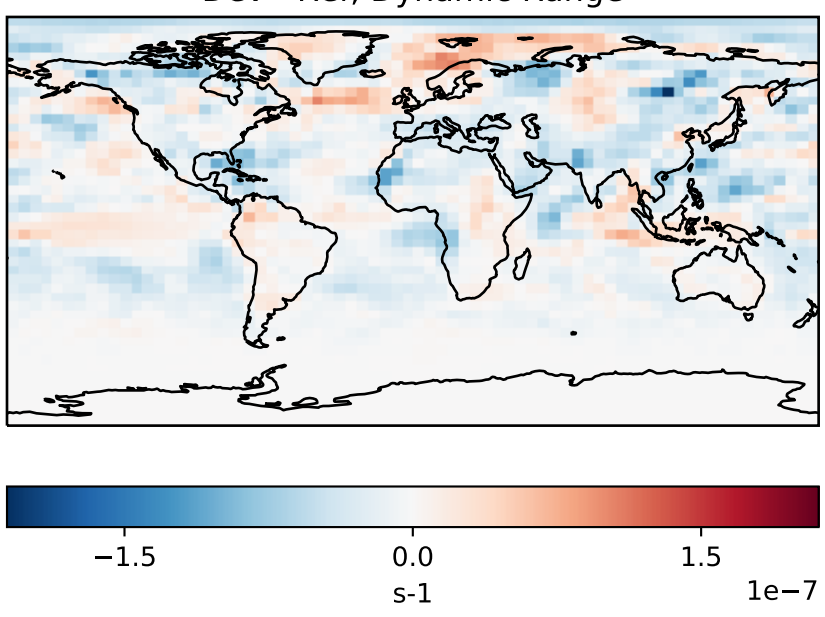
GCC_12.9.0 (Ref)
4.0x5.0



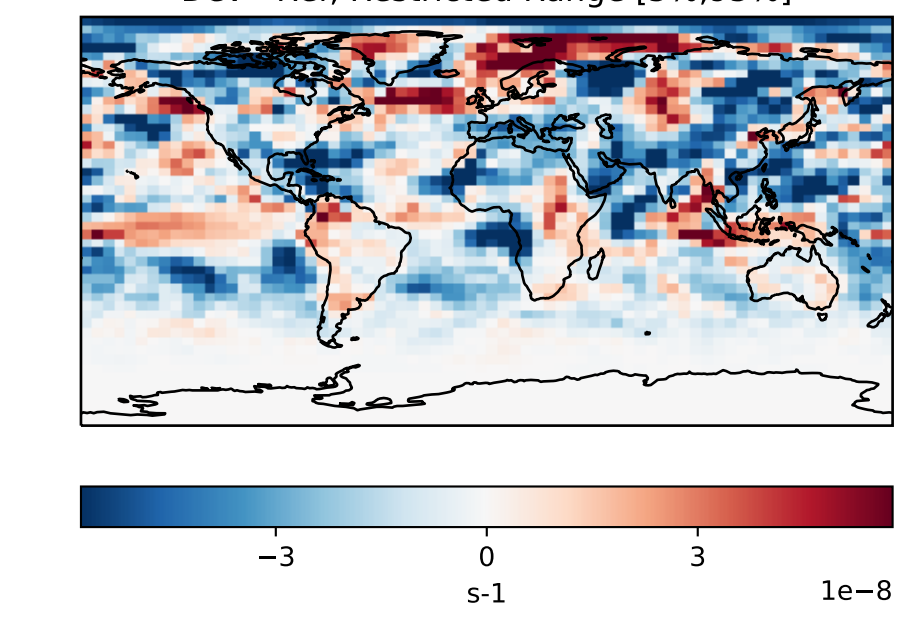
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



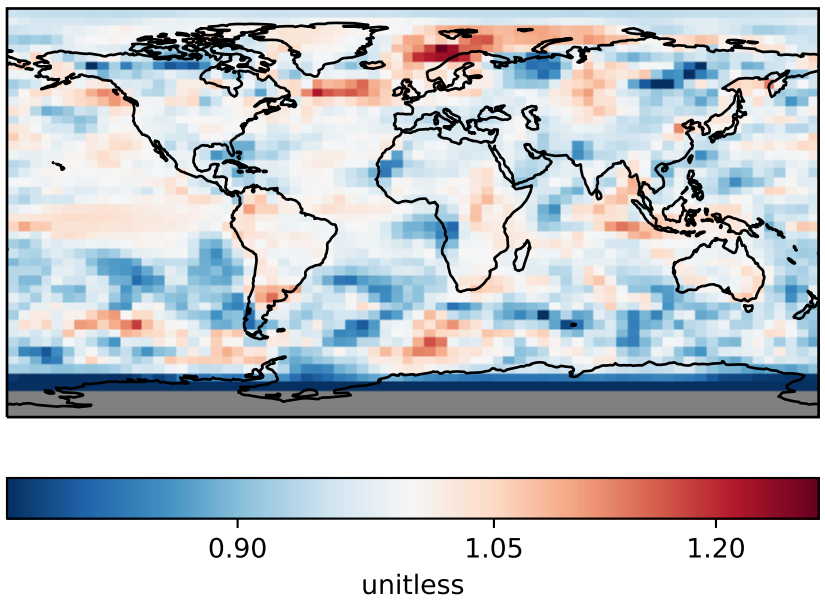
Difference
Dev - Ref, Dynamic Range



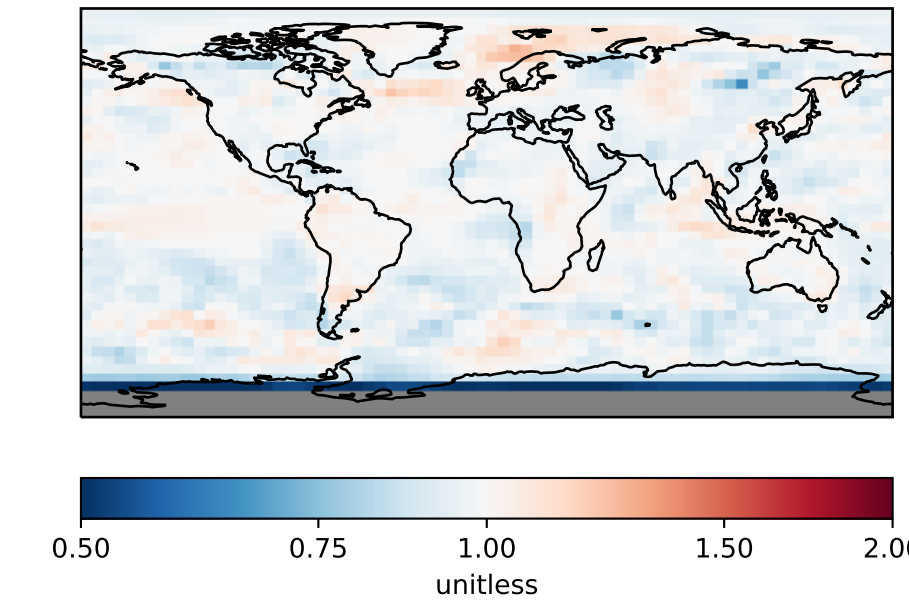
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

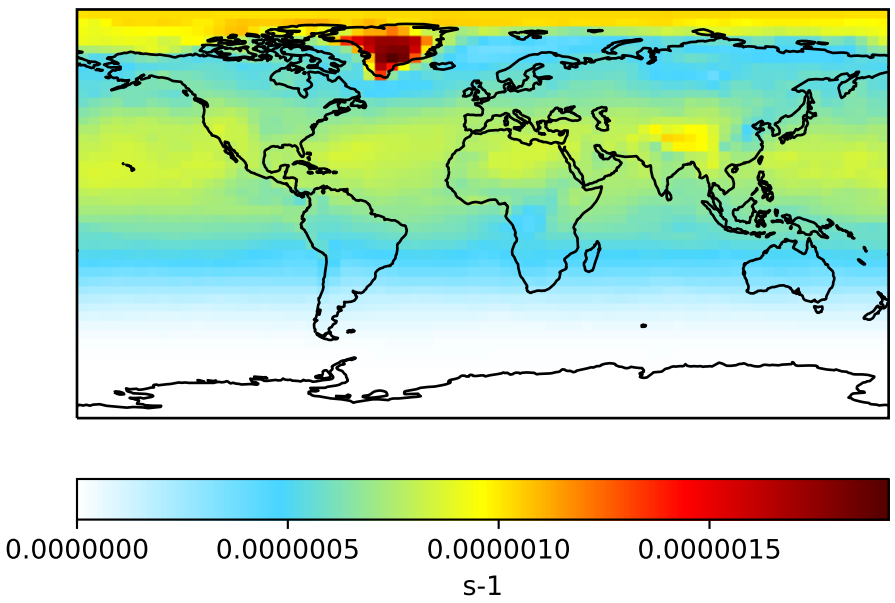


Ratio
Dev/Ref, Fixed Range

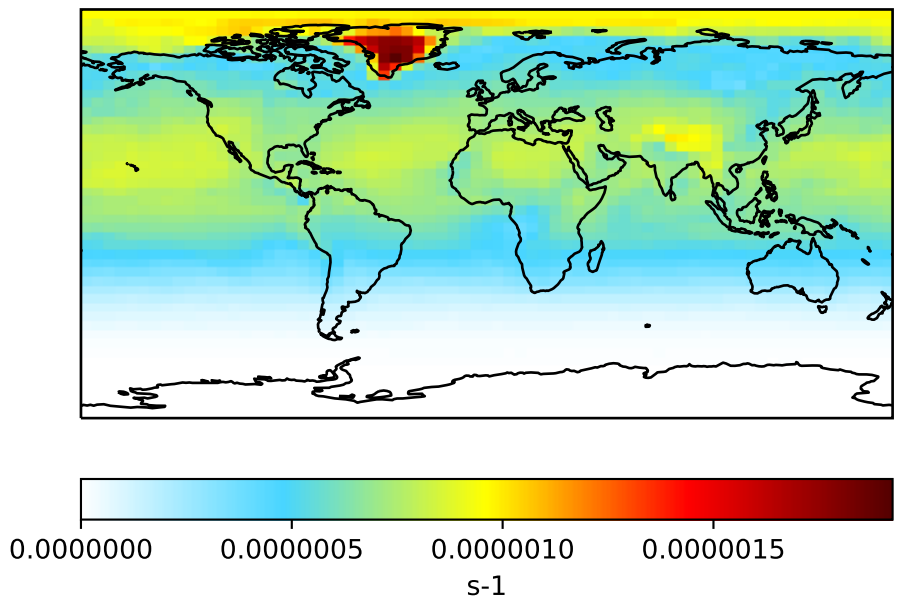


Jval_IHN4 (Jul2019)

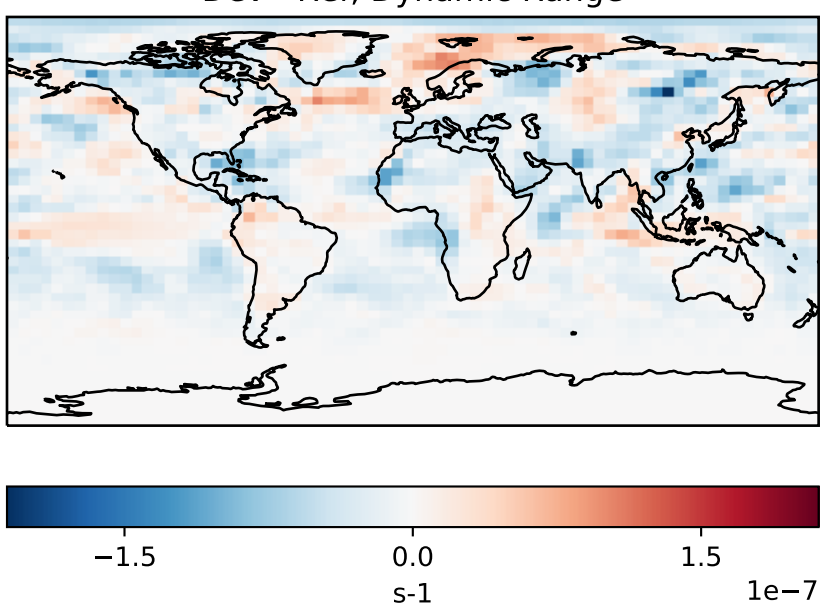
GCC_12.9.0 (Ref)
4.0x5.0



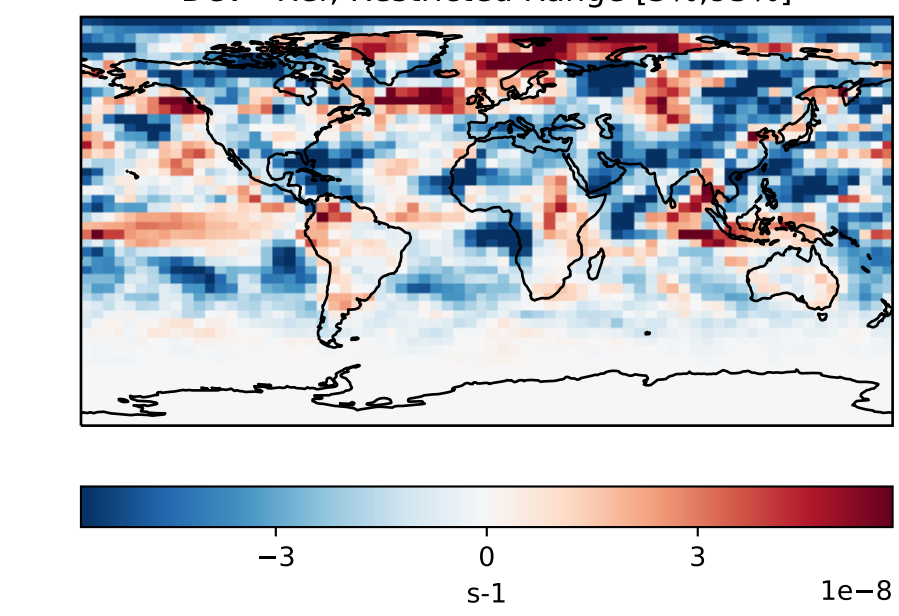
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



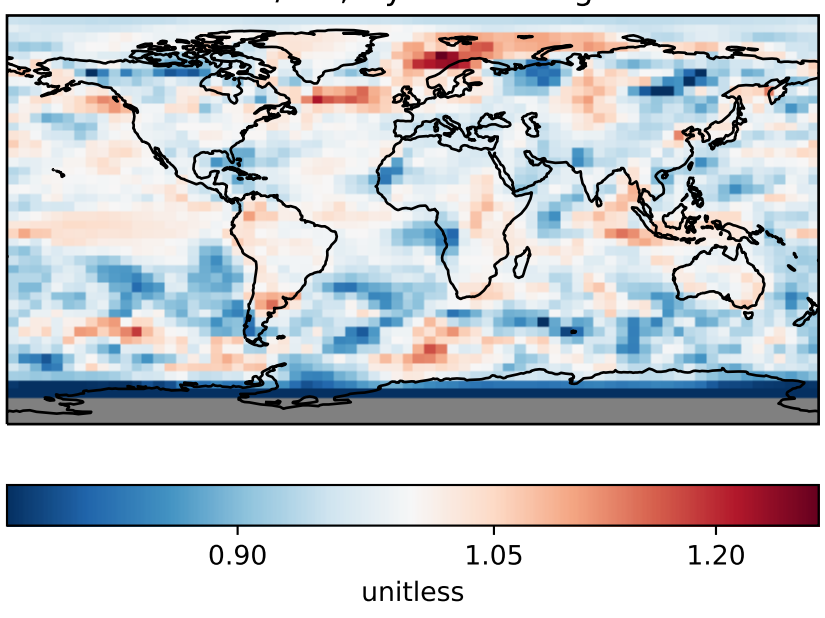
Difference
Dev - Ref, Dynamic Range



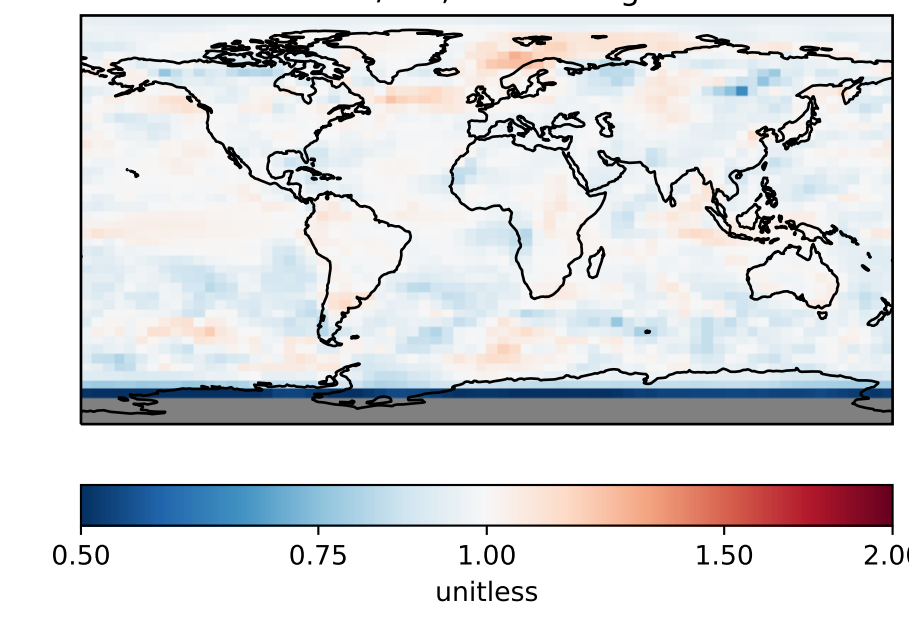
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

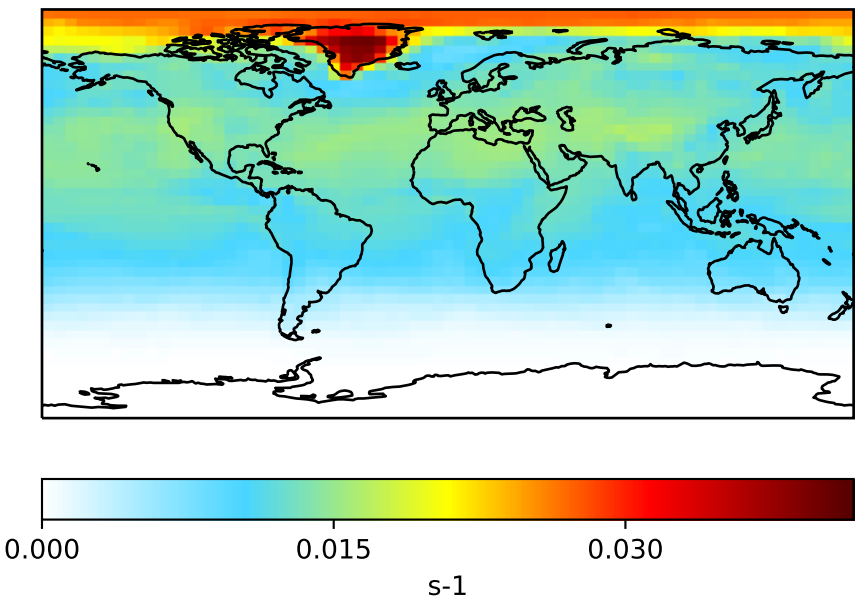


Ratio
Dev/Ref, Fixed Range

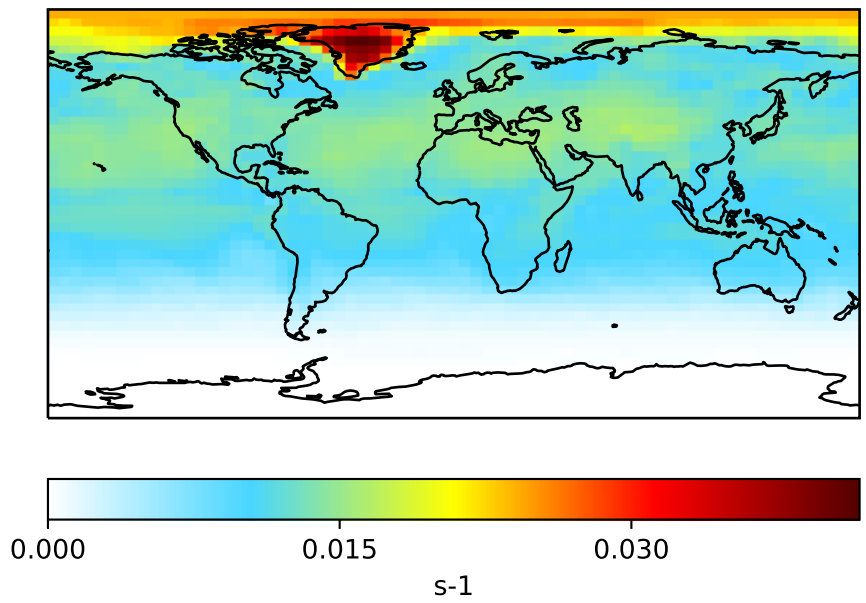


Jval_INO (Jul2019)

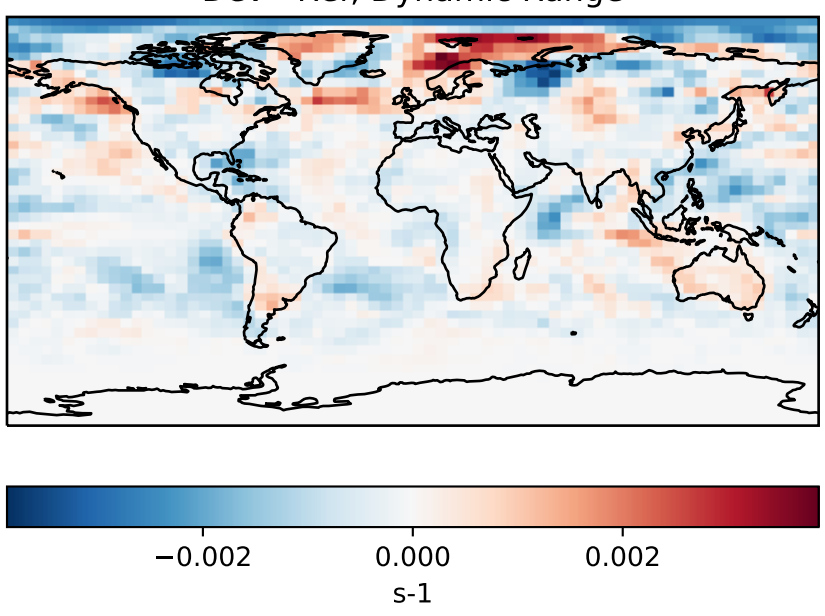
GCC_12.9.0 (Ref)
4.0x5.0



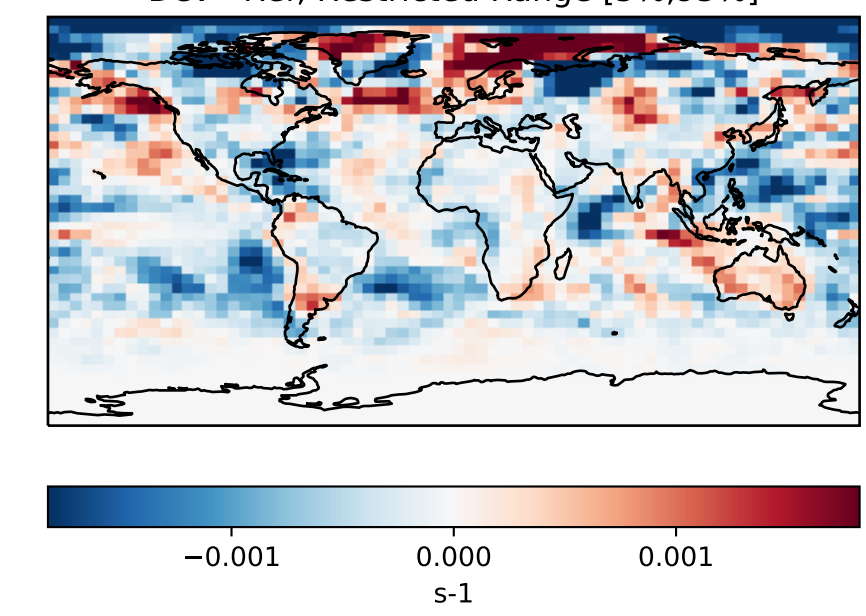
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



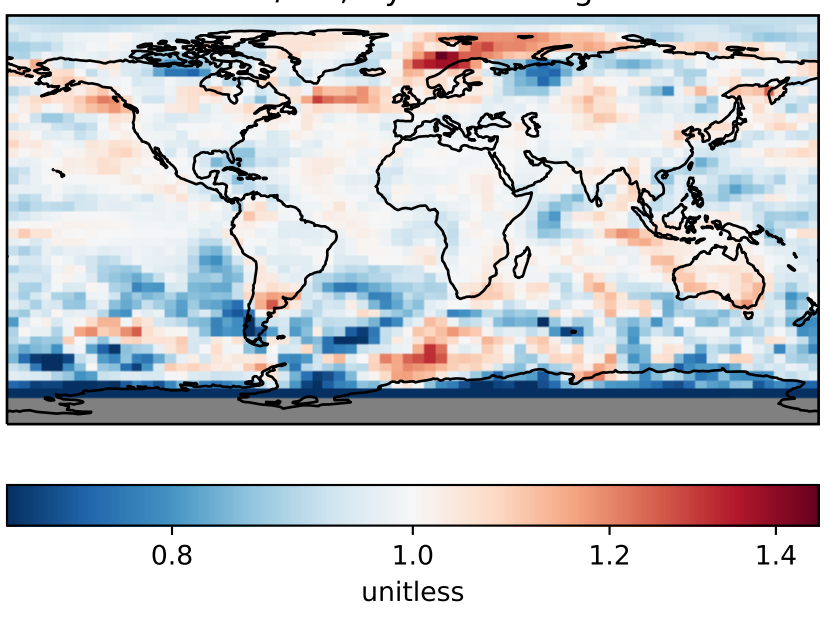
Difference
Dev - Ref, Dynamic Range



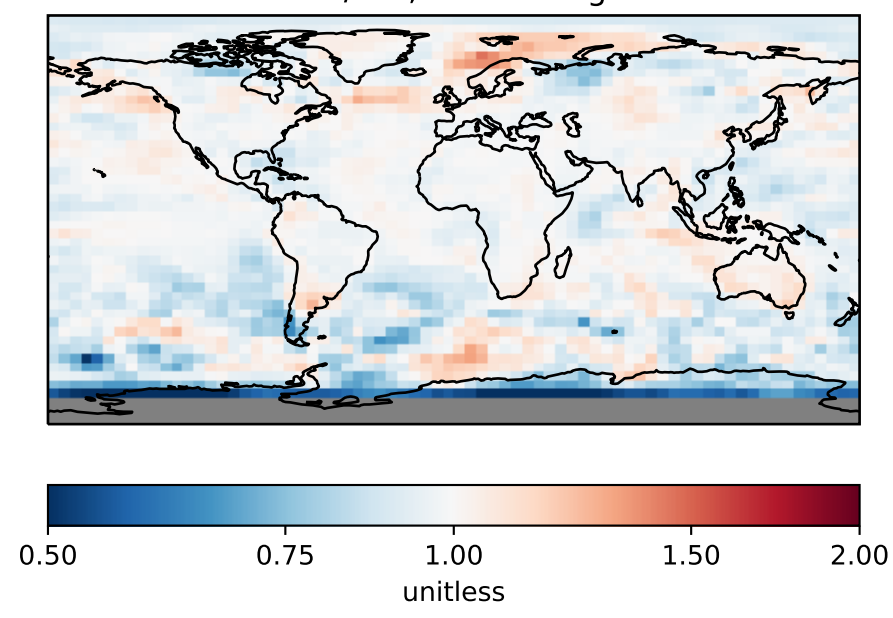
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

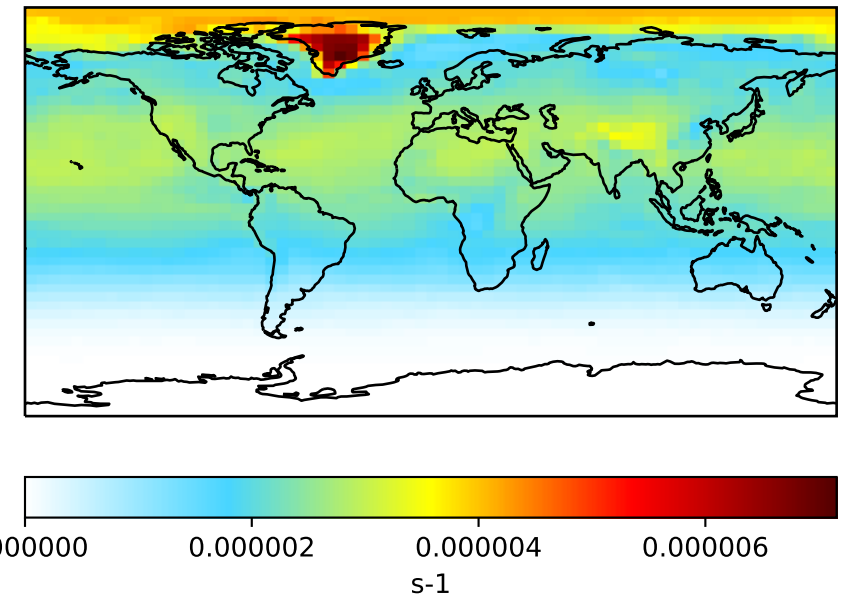


Ratio
Dev/Ref, Fixed Range

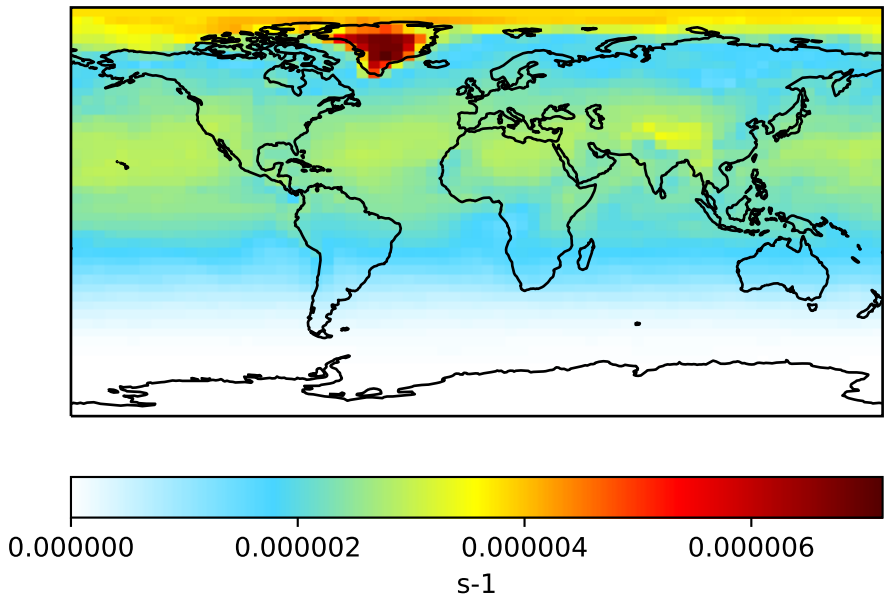


Jval_INPB (Jul2019)

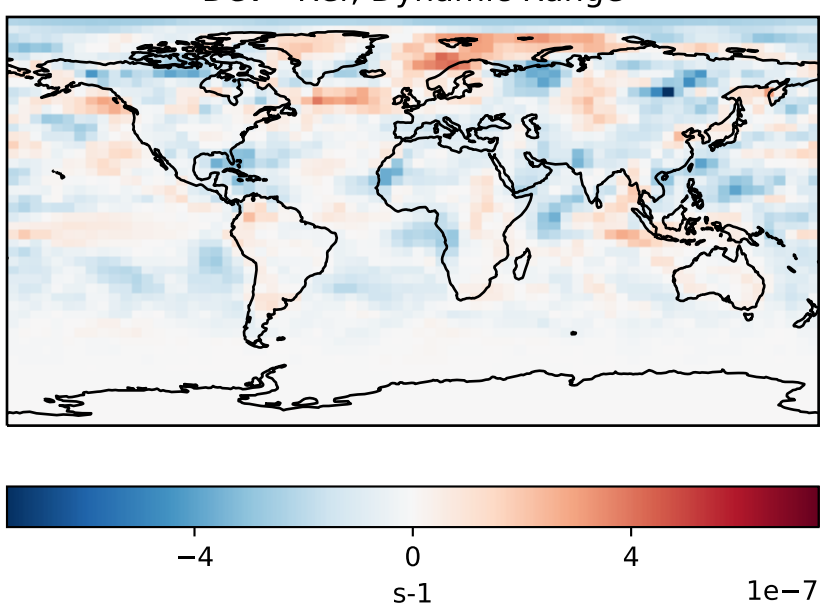
GCC_12.9.0 (Ref)
4.0x5.0



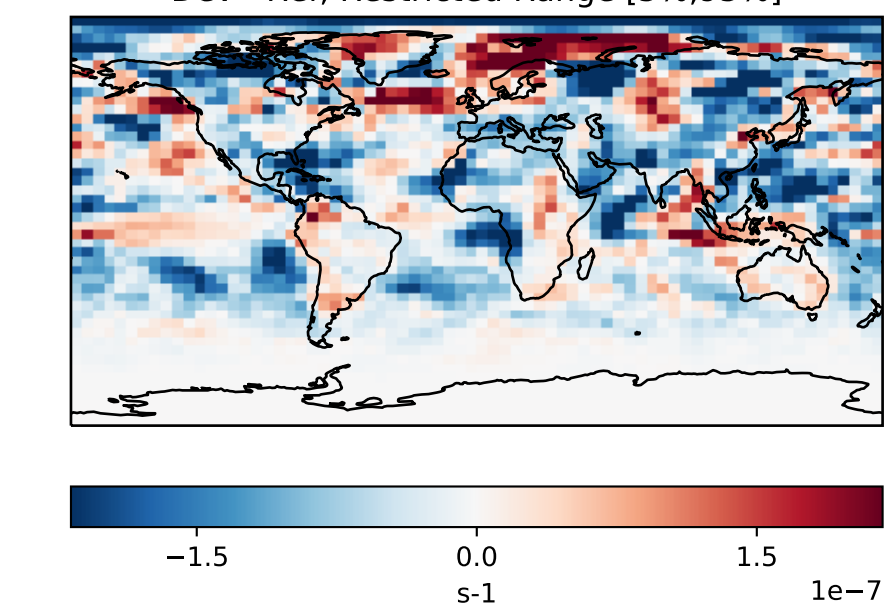
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



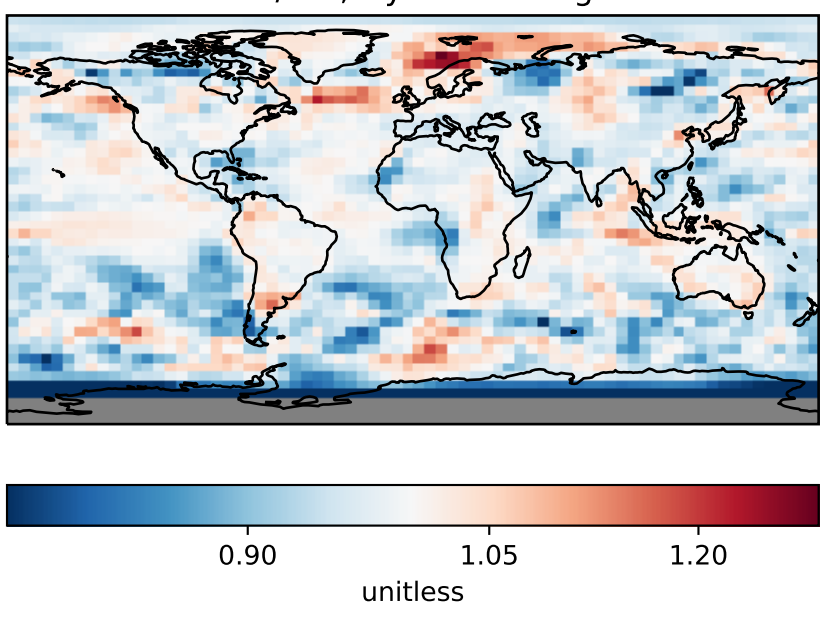
Difference
Dev - Ref, Dynamic Range



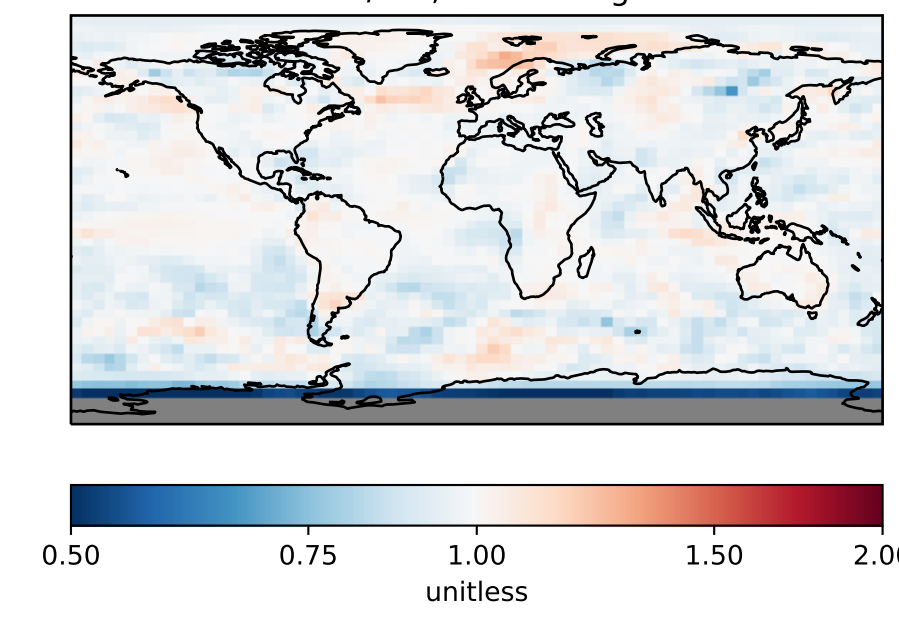
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

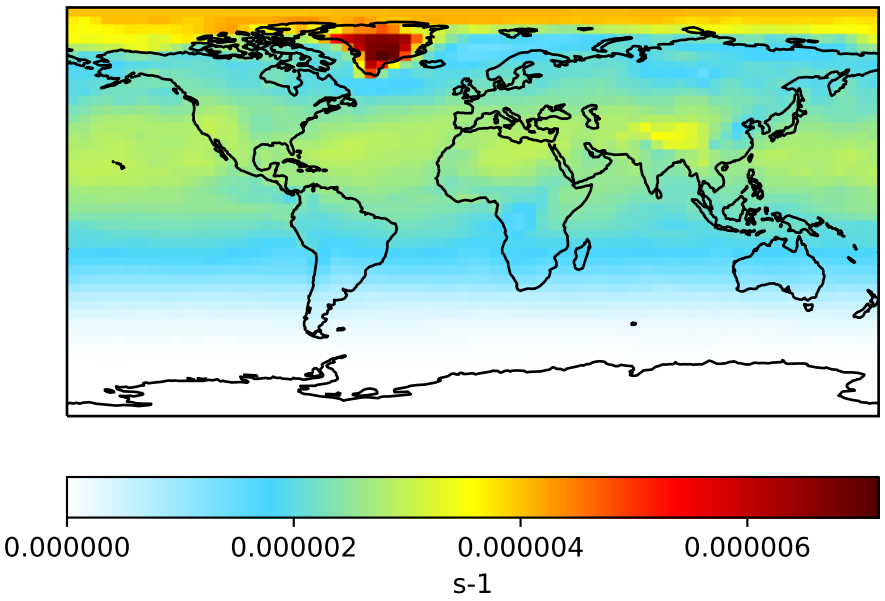


Ratio
Dev/Ref, Fixed Range

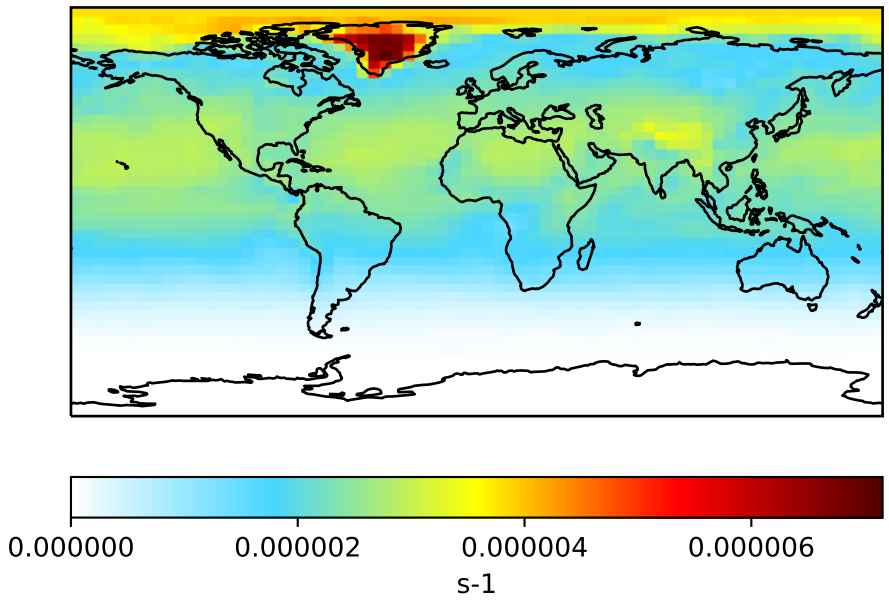


Jval_INPD (Jul2019)

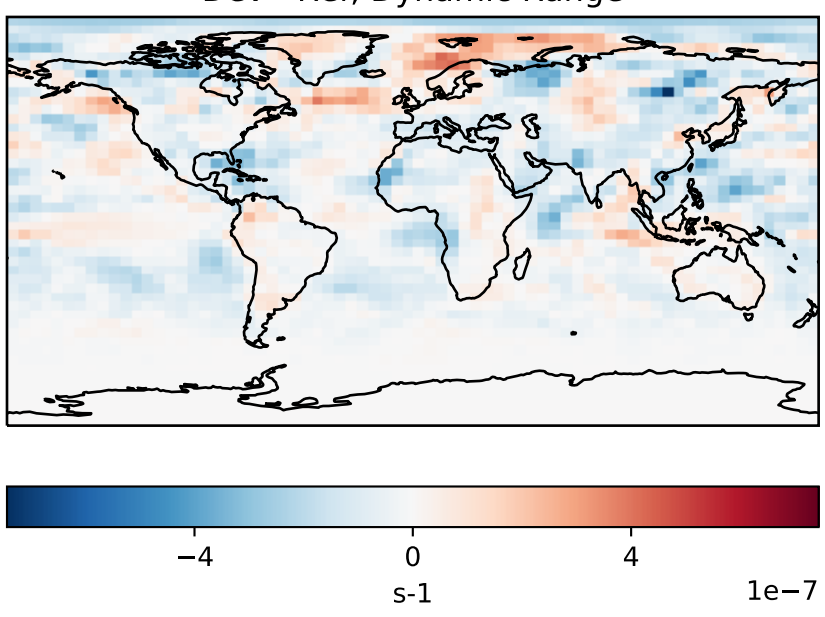
GCC_12.9.0 (Ref)
4.0x5.0



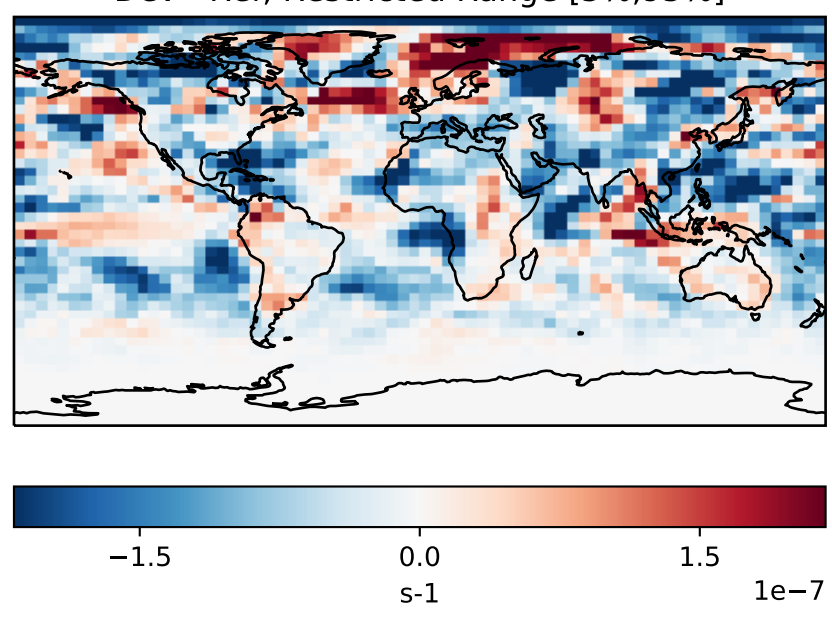
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



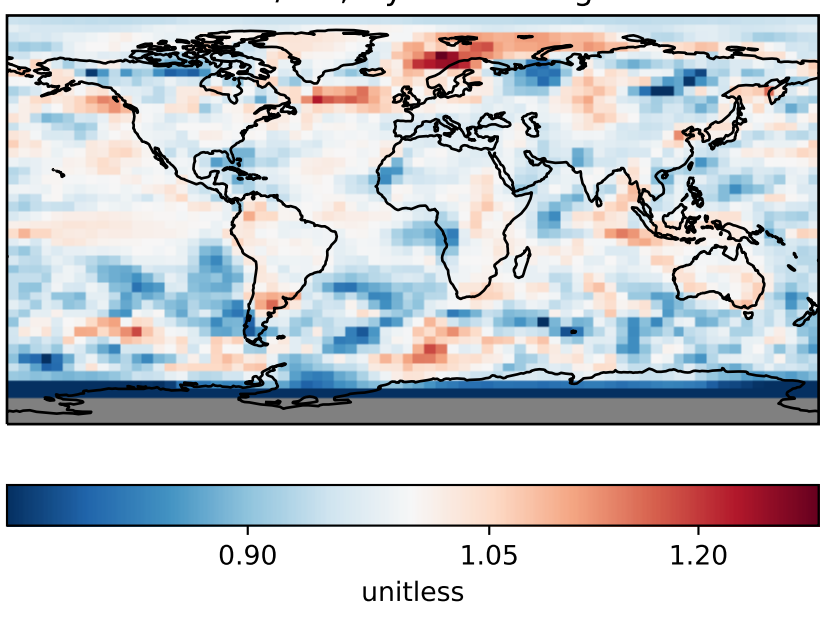
Difference
Dev - Ref, Dynamic Range



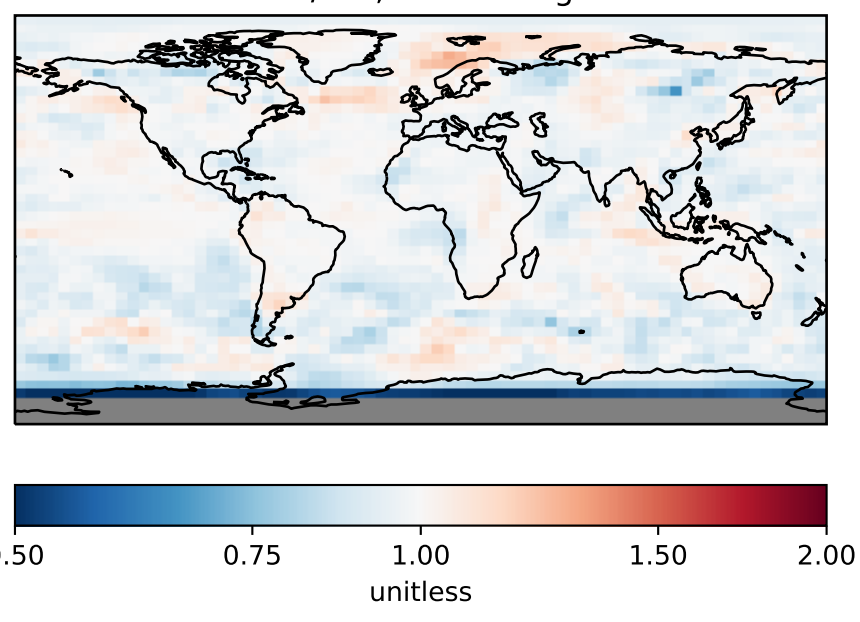
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

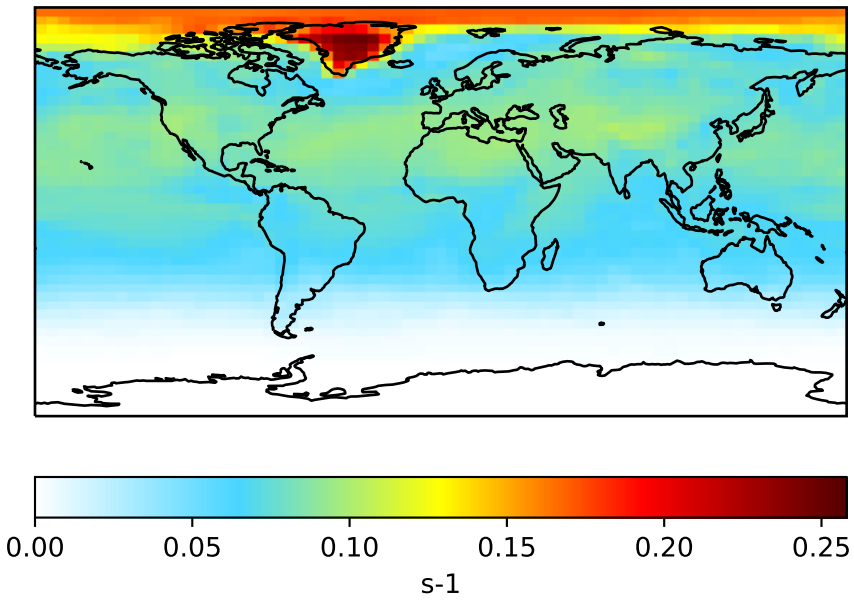


Ratio
Dev/Ref, Fixed Range

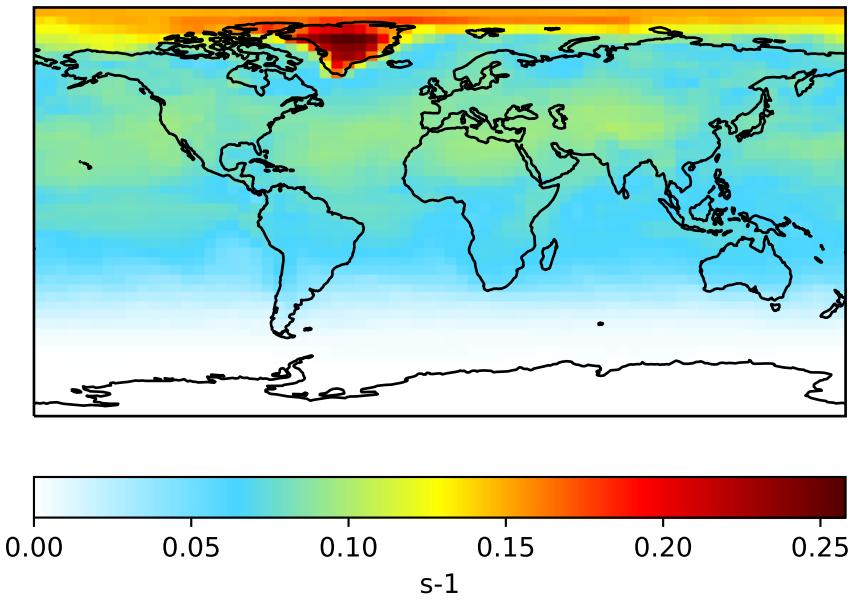


Jval_IO (Jul2019)

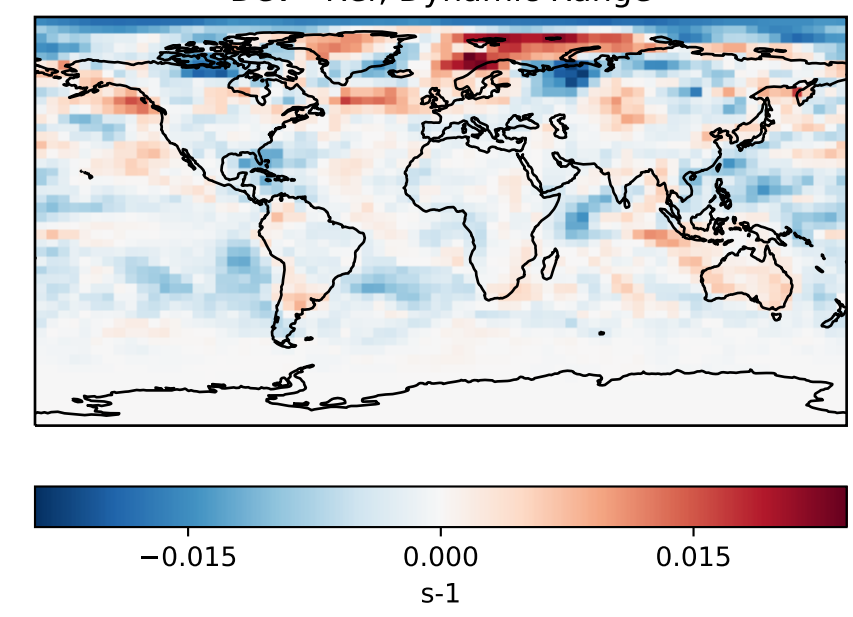
GCC_12.9.0 (Ref)
4.0x5.0



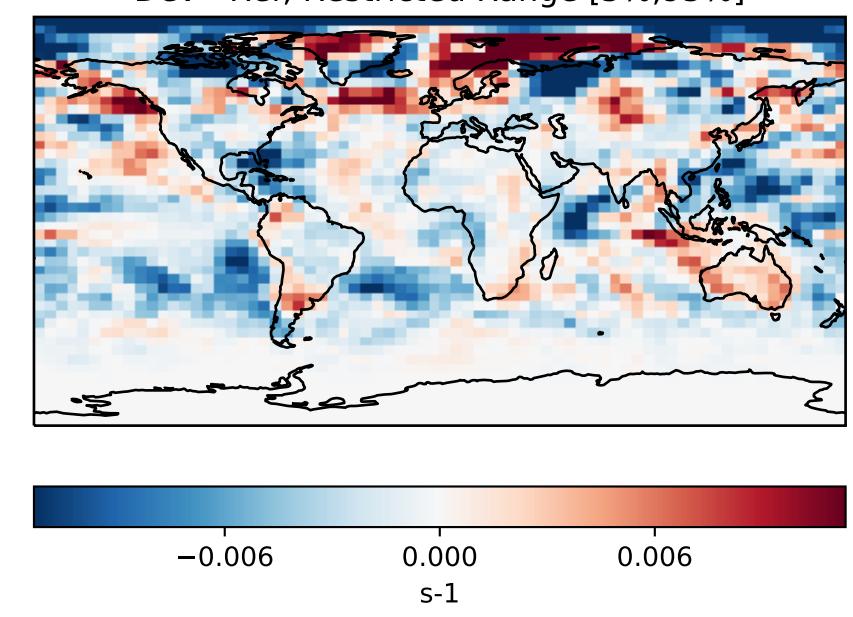
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



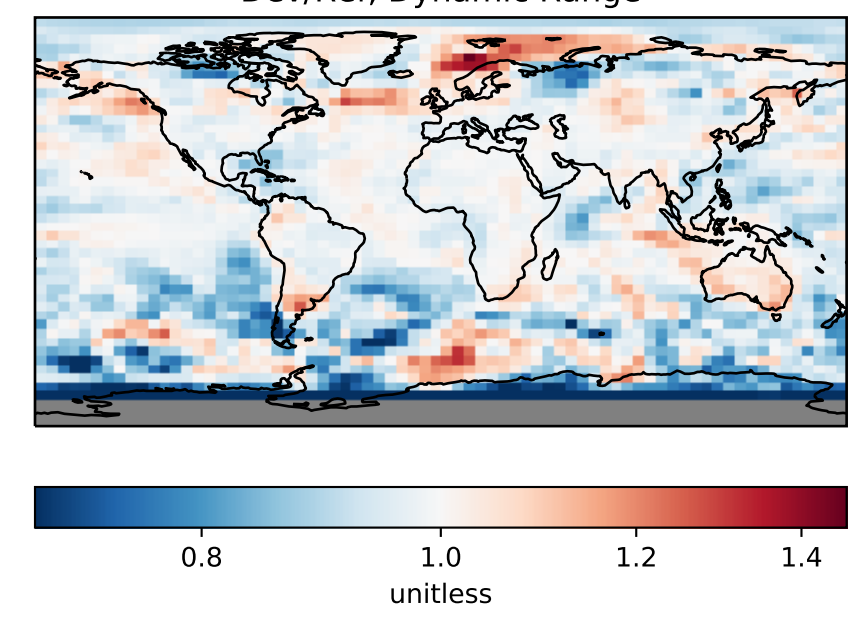
Difference
Dev - Ref, Dynamic Range



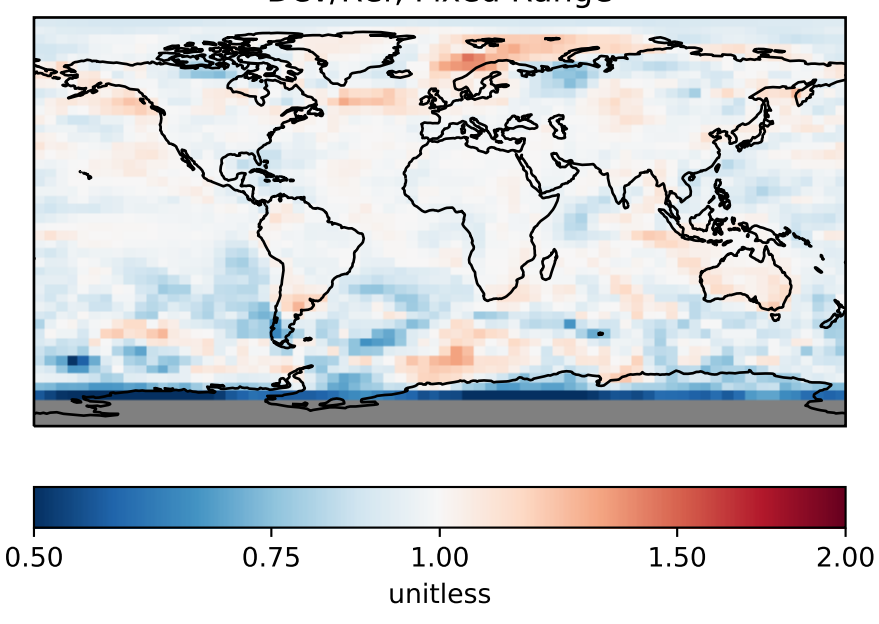
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

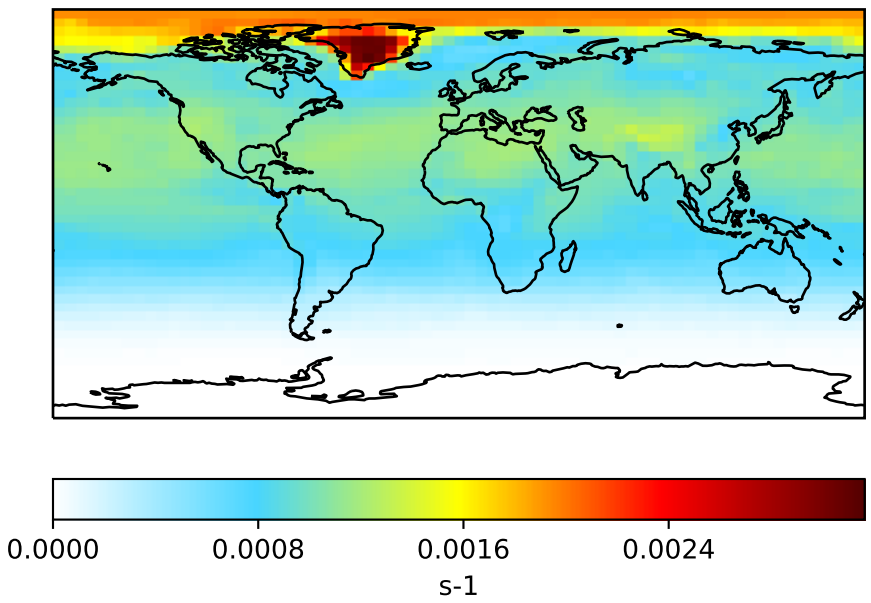


Ratio
Dev/Ref, Fixed Range

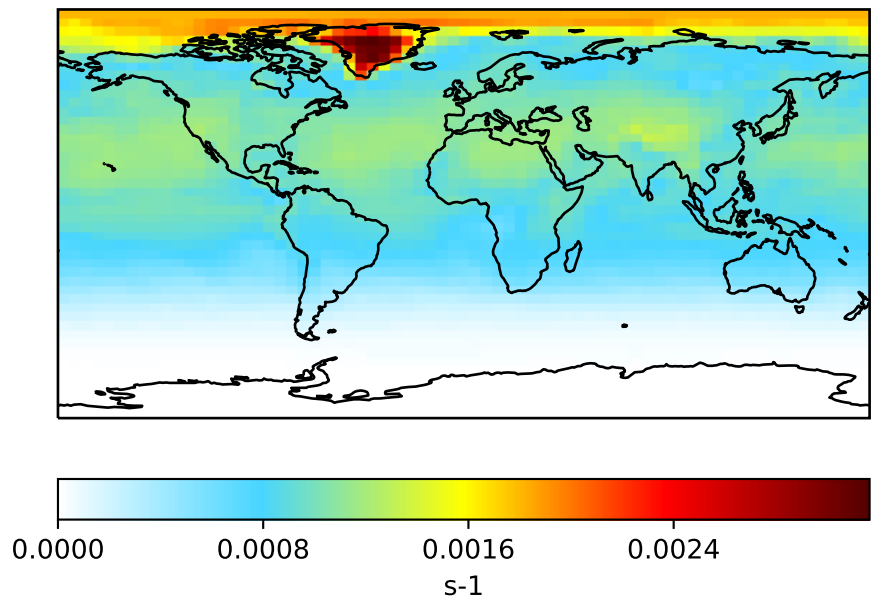


Jval_IONO (Jul2019)

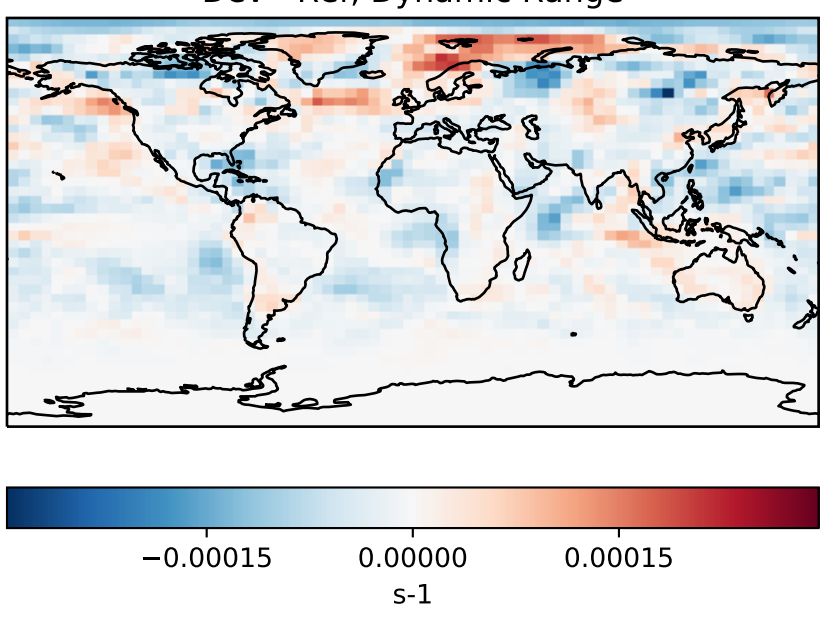
GCC_12.9.0 (Ref)
4.0x5.0



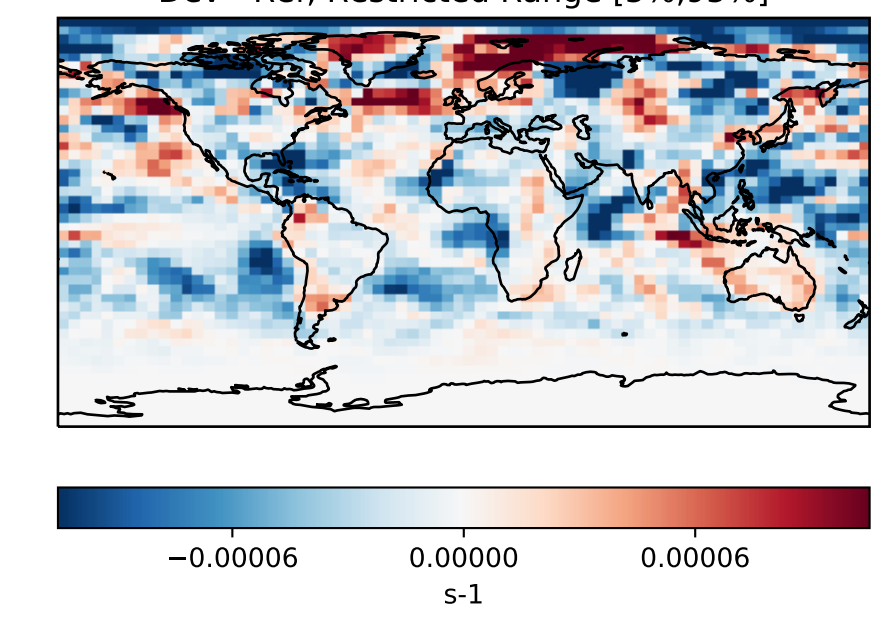
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



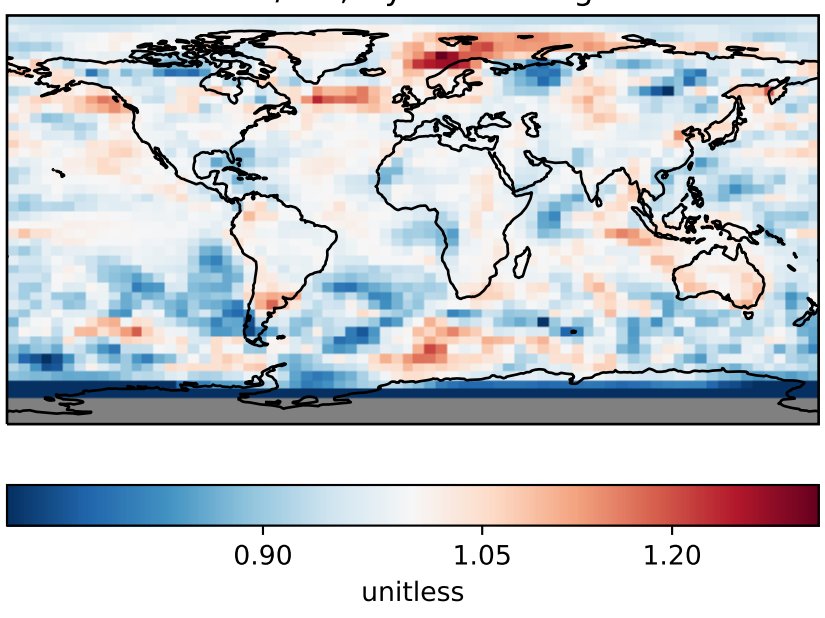
Difference
Dev - Ref, Dynamic Range



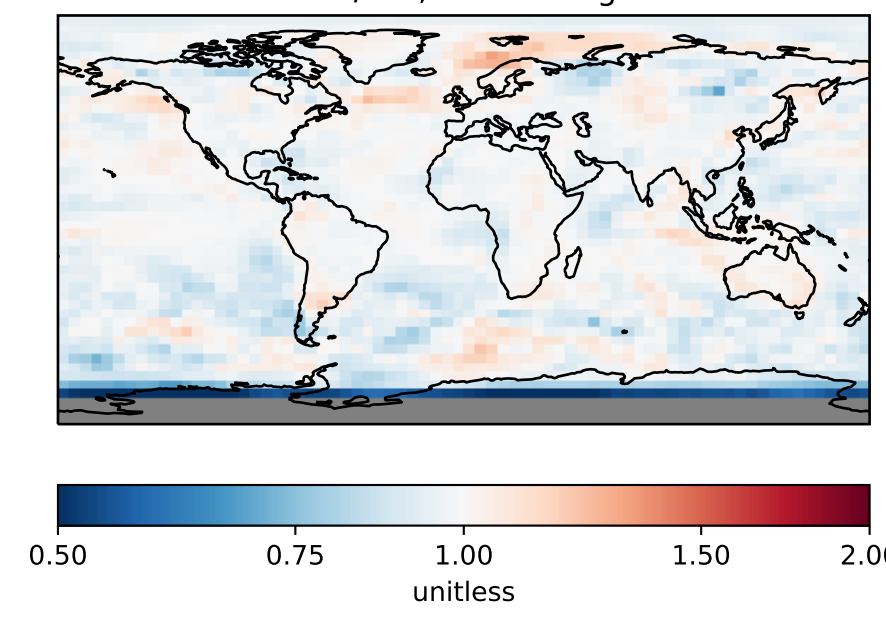
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

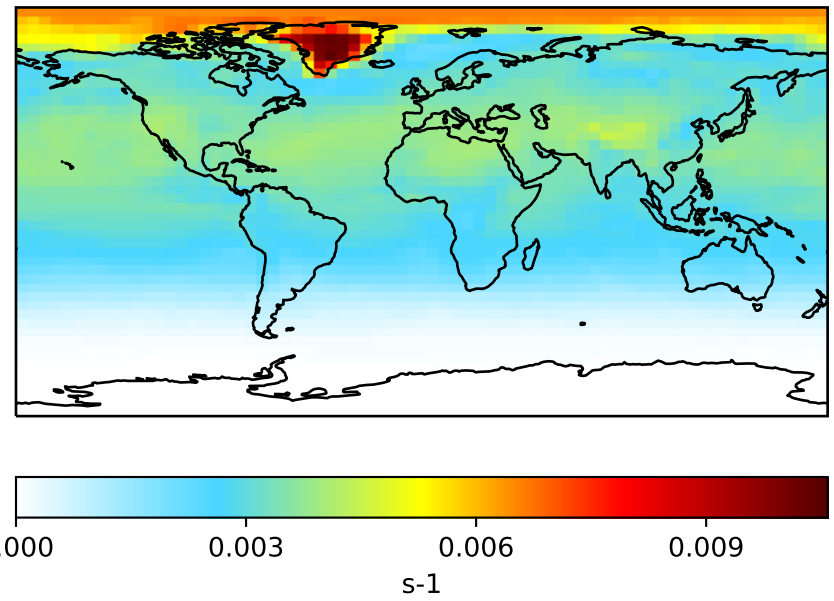


Ratio
Dev/Ref, Fixed Range

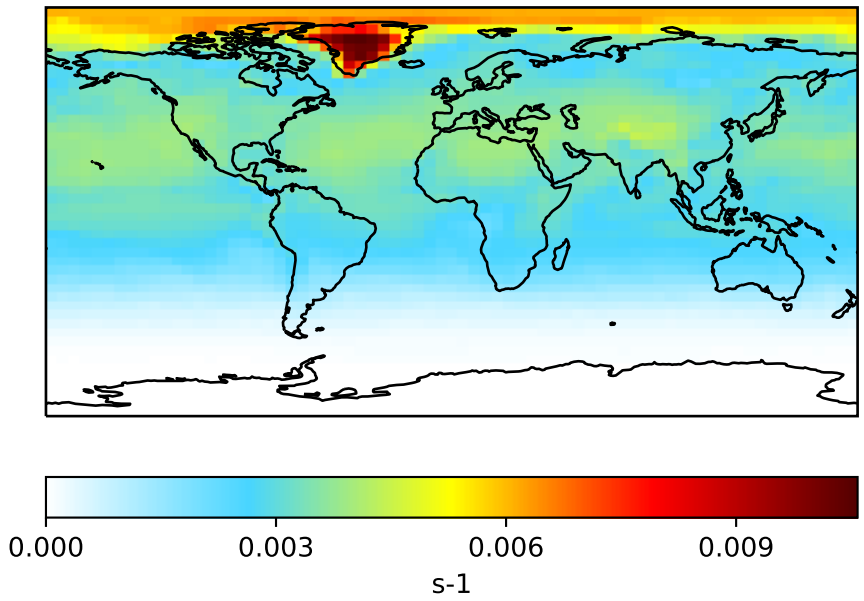


Jval_IONO2 (Jul2019)

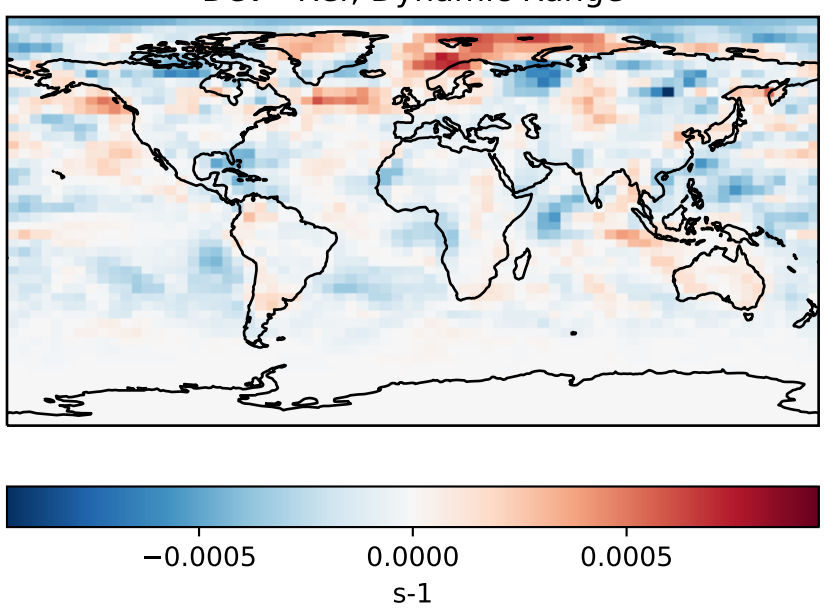
GCC_12.9.0 (Ref)
4.0x5.0



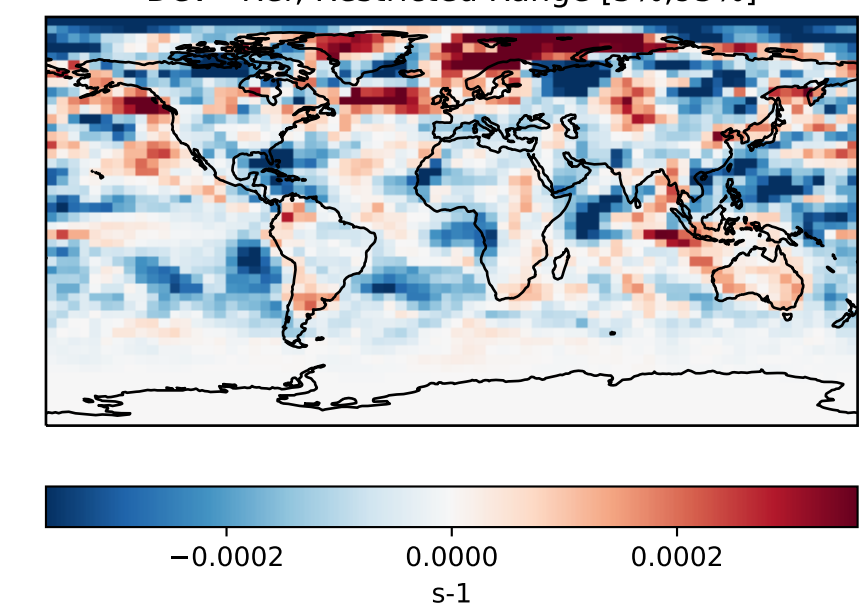
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



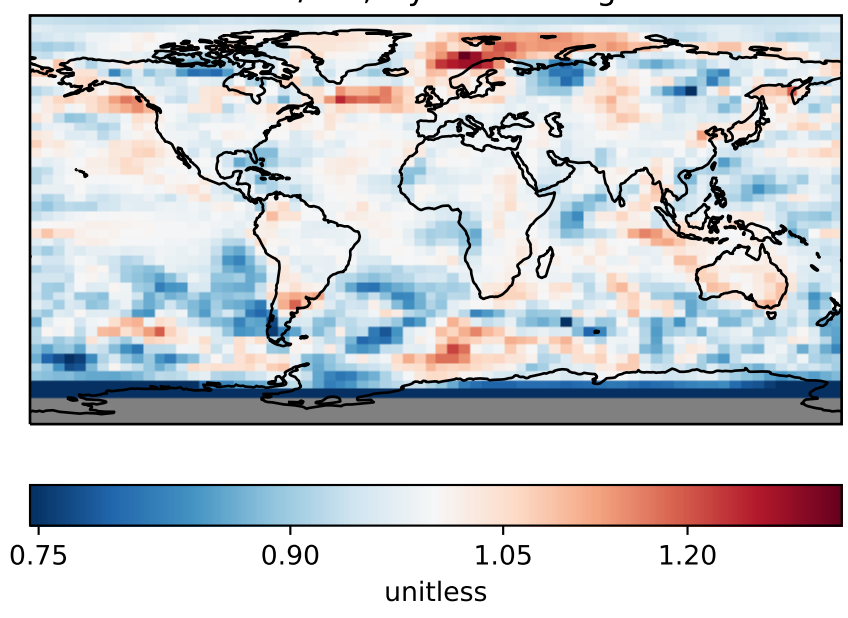
Difference
Dev - Ref, Dynamic Range



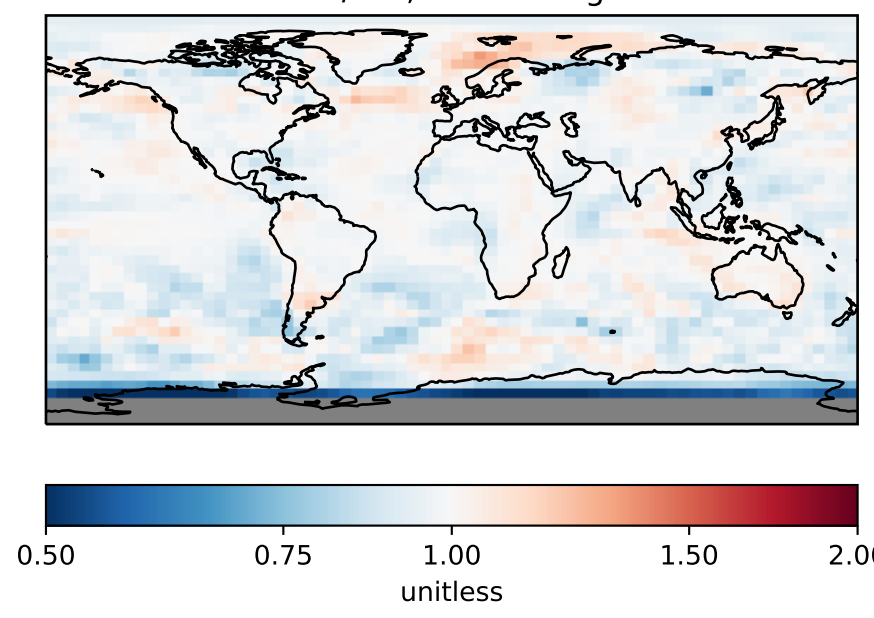
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

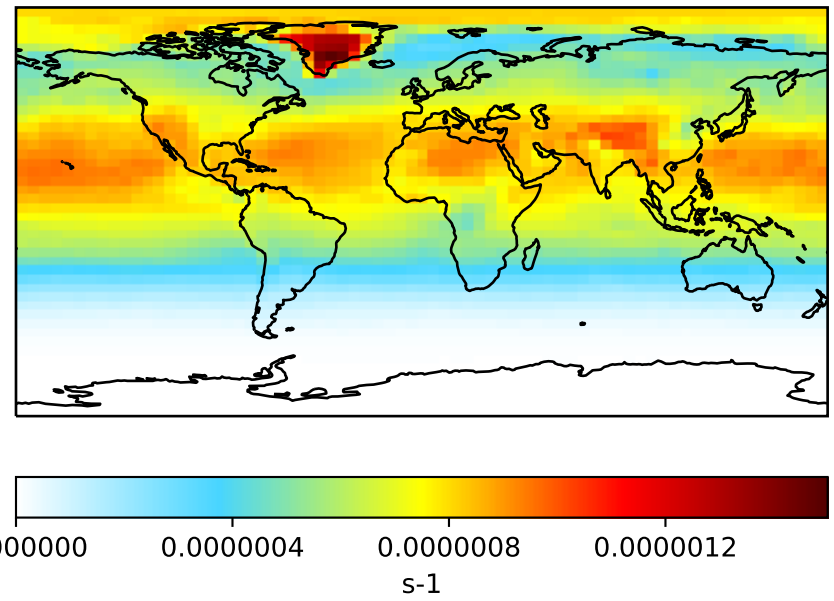


Ratio
Dev/Ref, Fixed Range

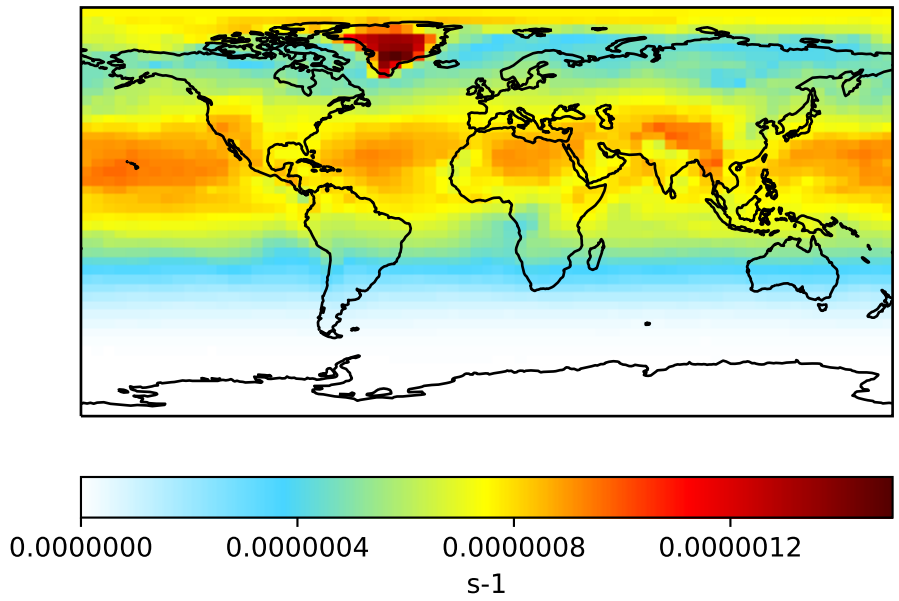


Jval_IPRNO3 (Jul2019)

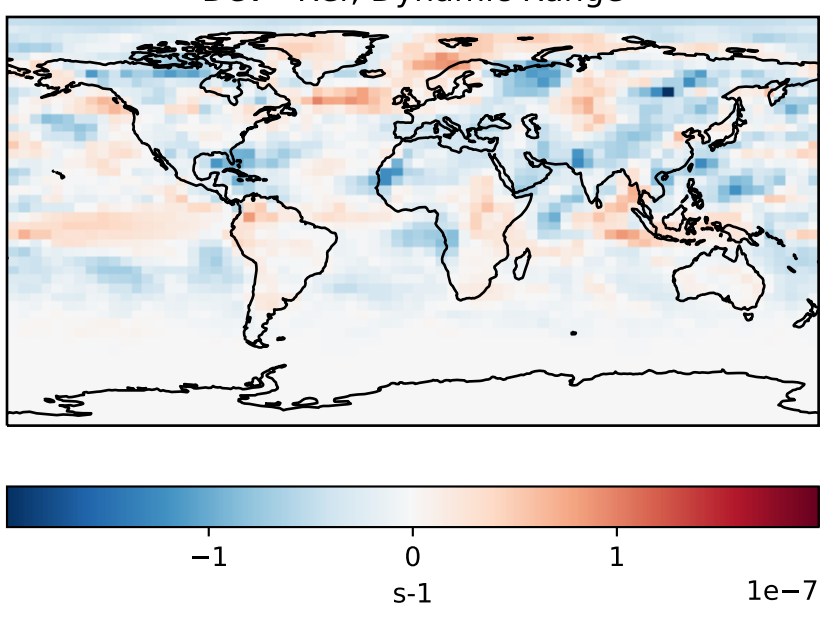
GCC_12.9.0 (Ref)
4.0x5.0



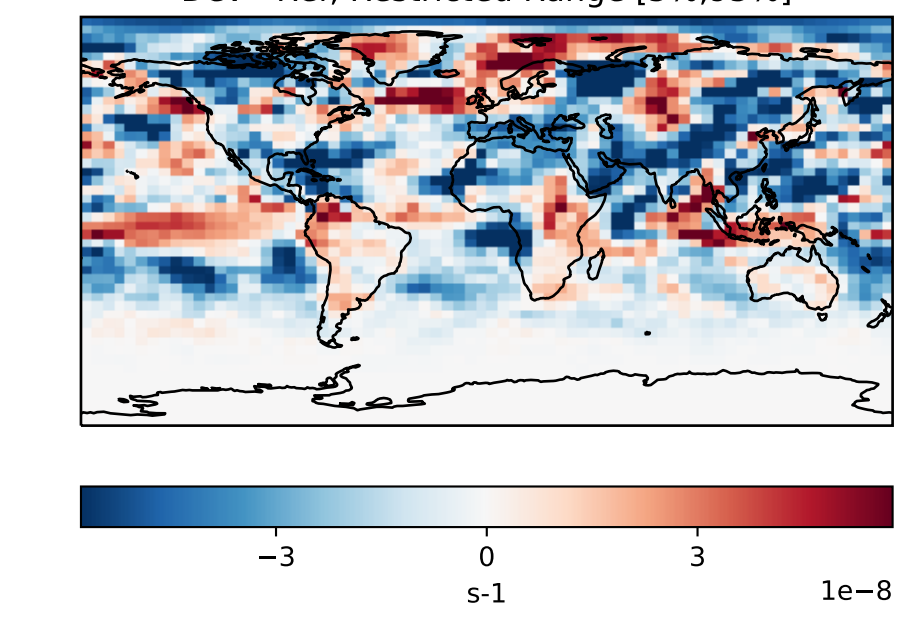
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



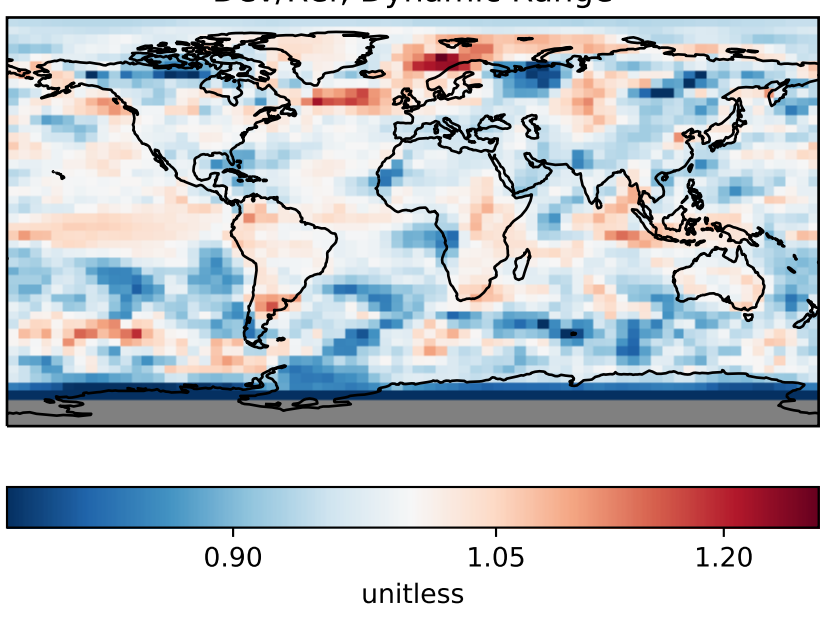
Difference
Dev - Ref, Dynamic Range



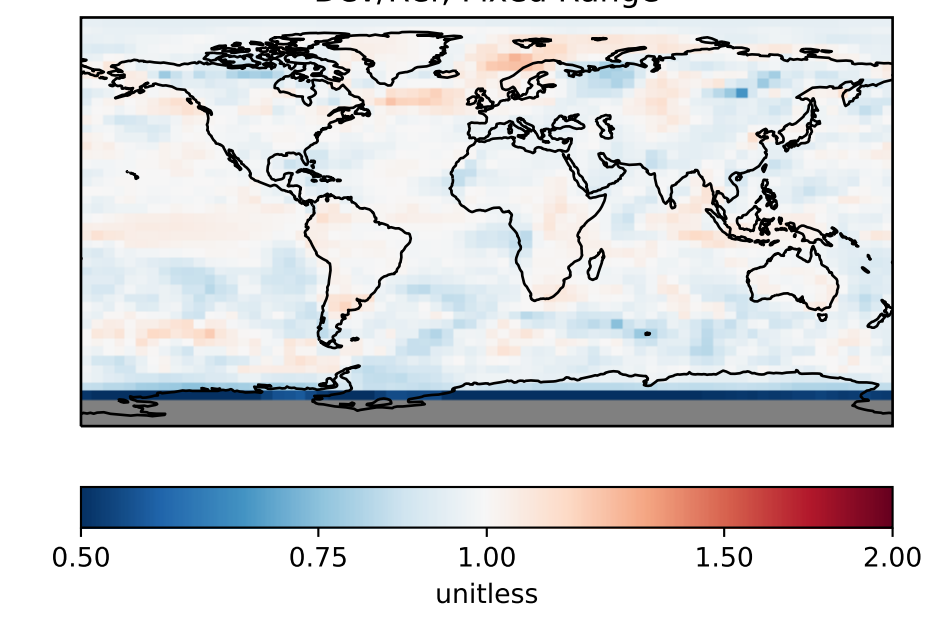
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

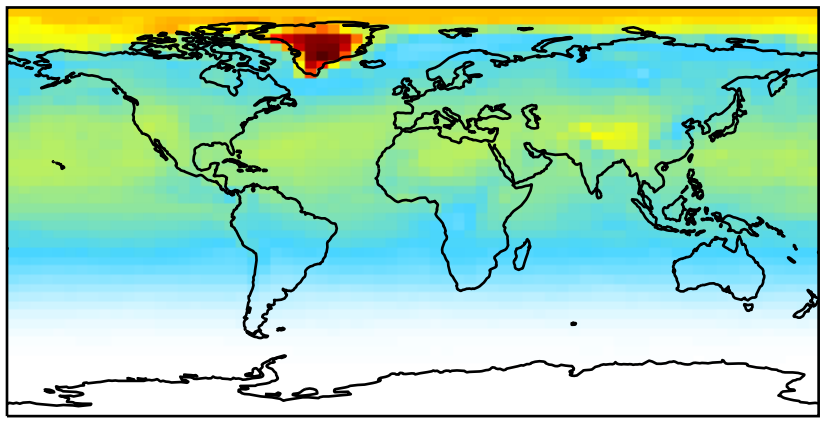


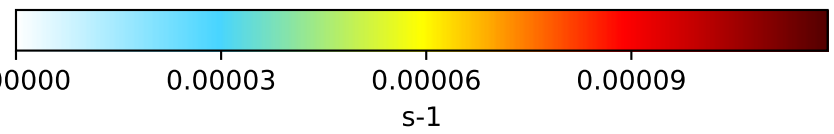
Ratio
Dev/Ref, Fixed Range



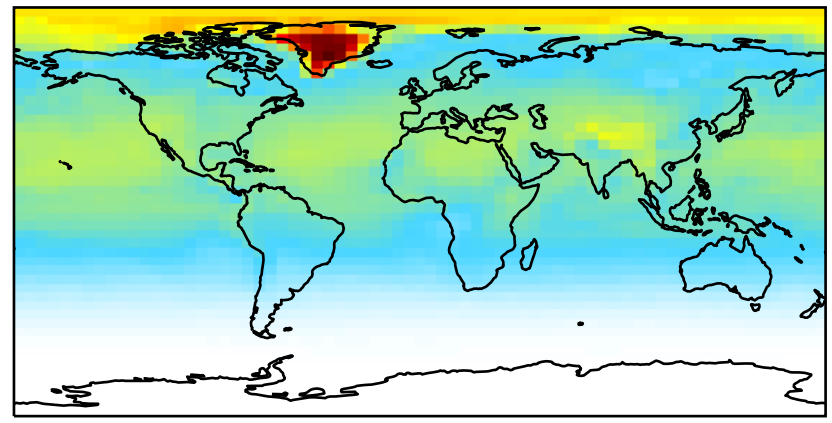
Jval_ITCN (Jul2019)

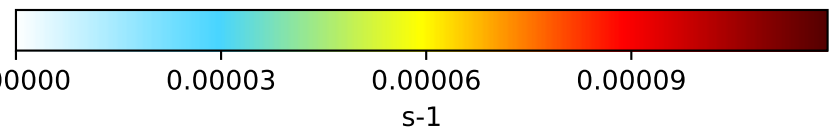
GCC_12.9.0 (Ref)
4.0x5.0



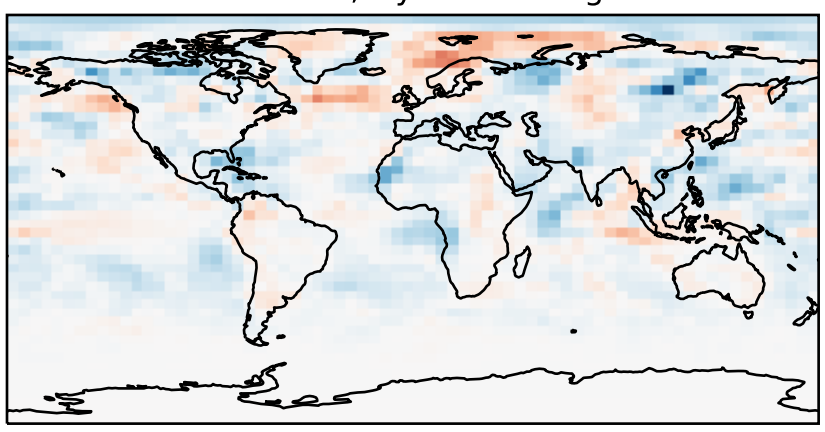


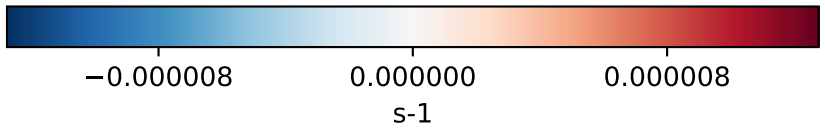
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



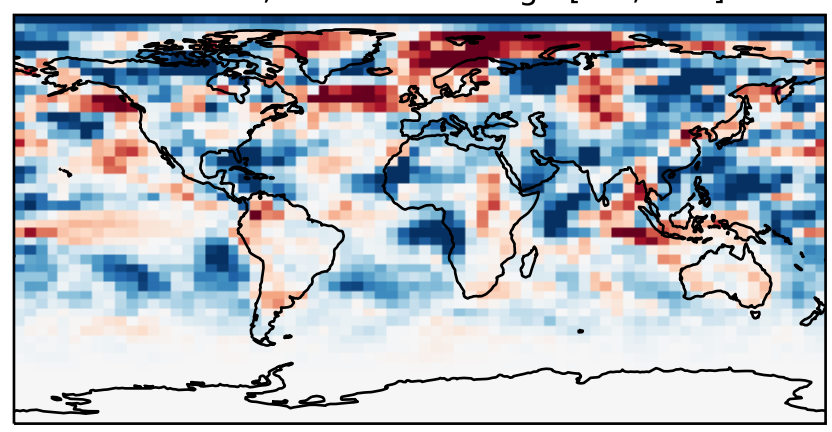


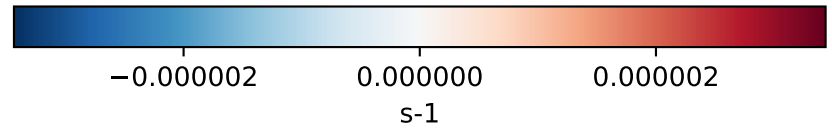
Difference
Dev - Ref, Dynamic Range



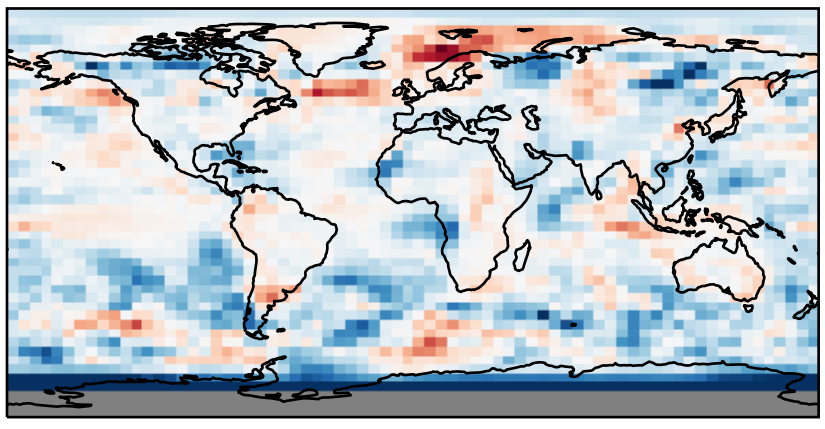


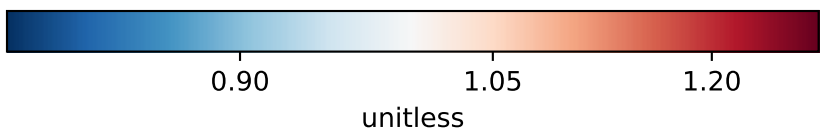
Difference
Dev - Ref, Restricted Range [5%,95%]



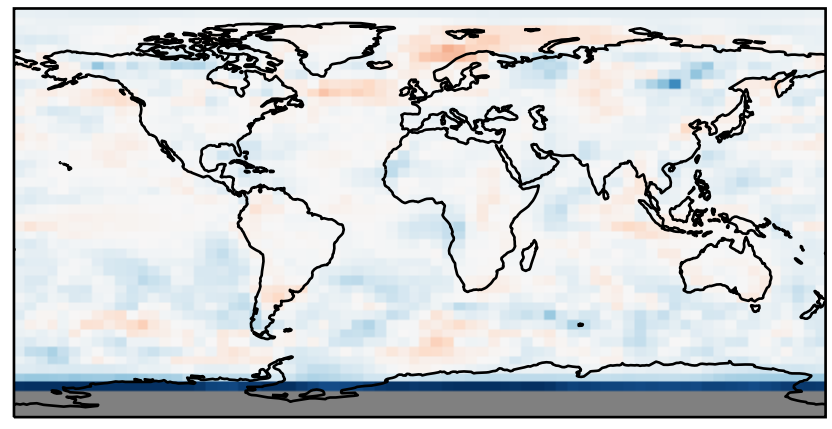


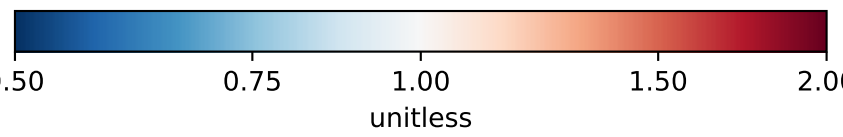
Ratio
Dev/Ref, Dynamic Range





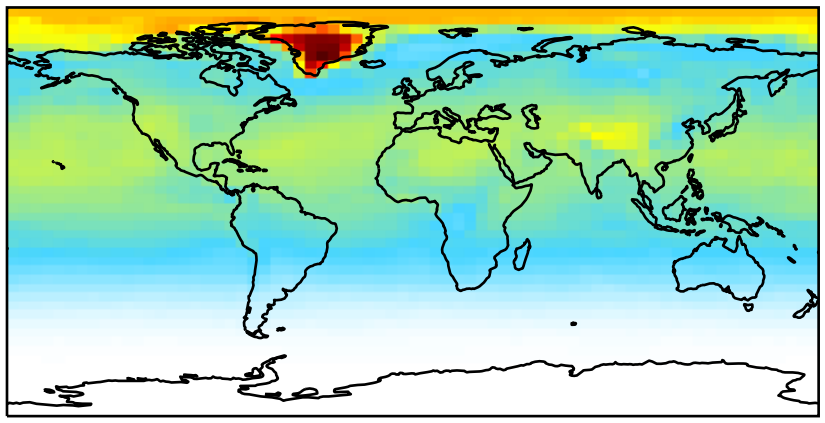
Ratio
Dev/Ref, Fixed Range

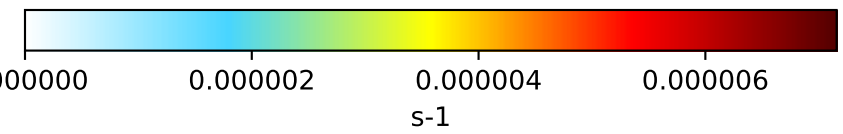




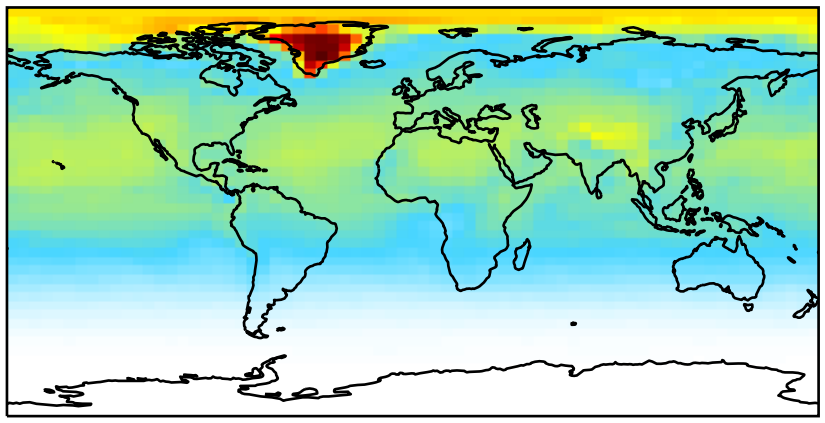
Jval_ITHN (Jul2019)

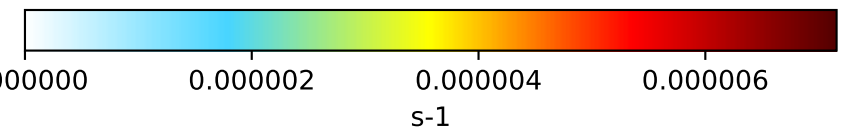
GCC_12.9.0 (Ref)
4.0x5.0



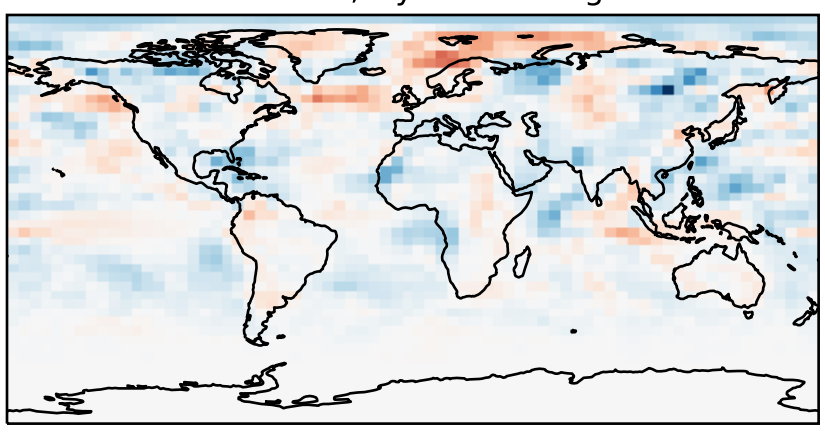


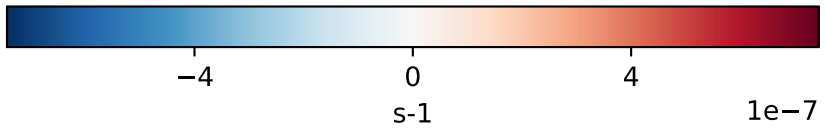
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



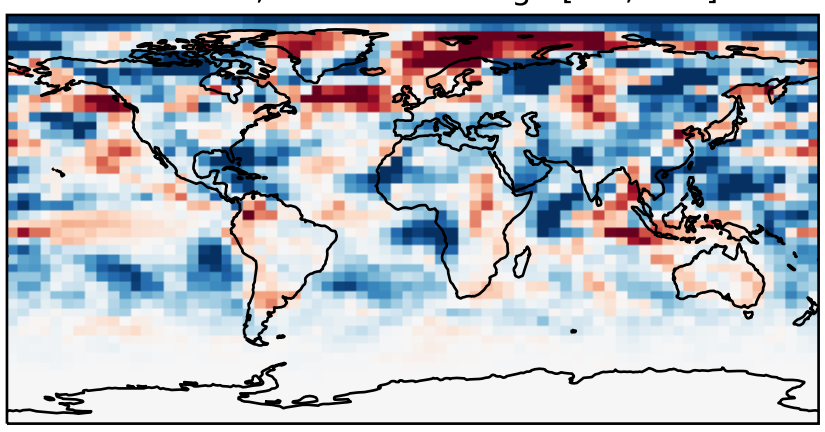


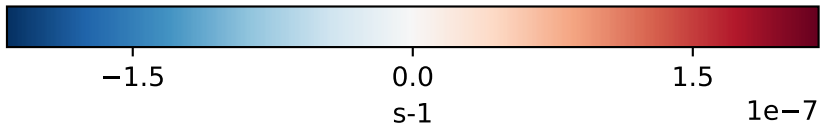
Difference
Dev - Ref, Dynamic Range



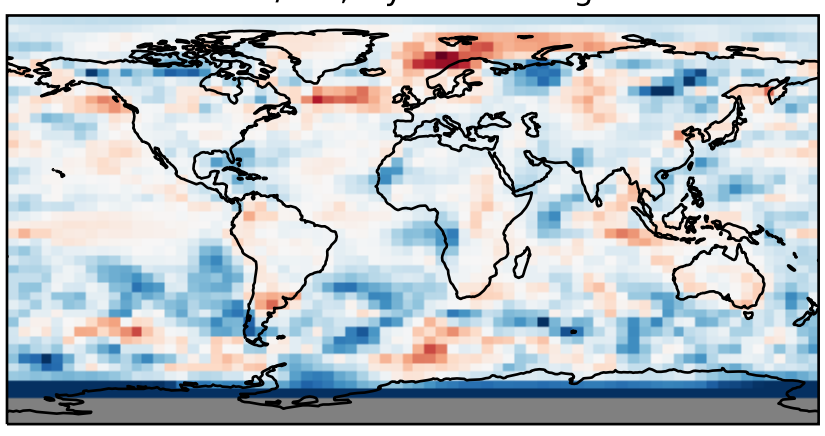


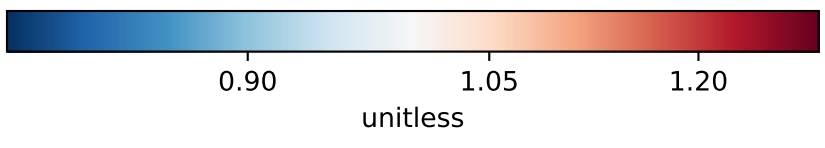
Difference
Dev - Ref, Restricted Range [5%,95%]



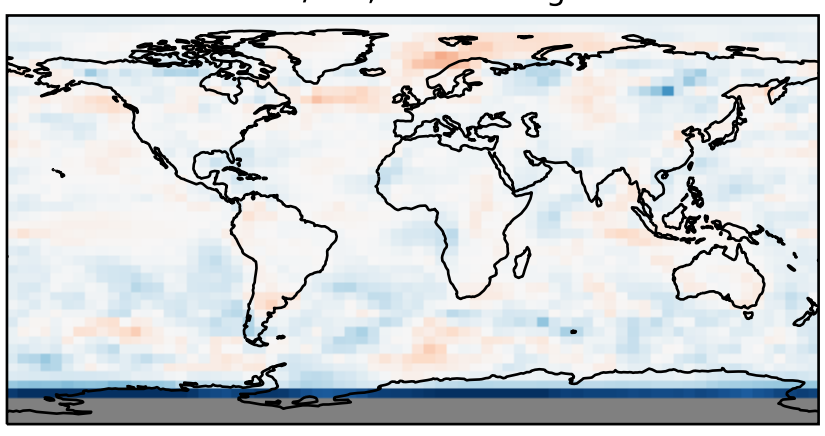


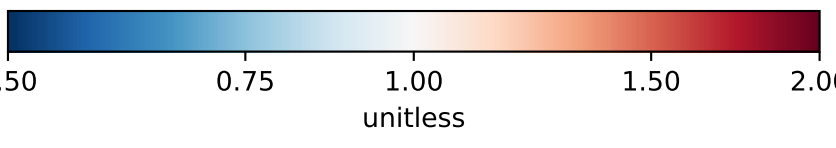
Ratio
Dev/Ref, Dynamic Range





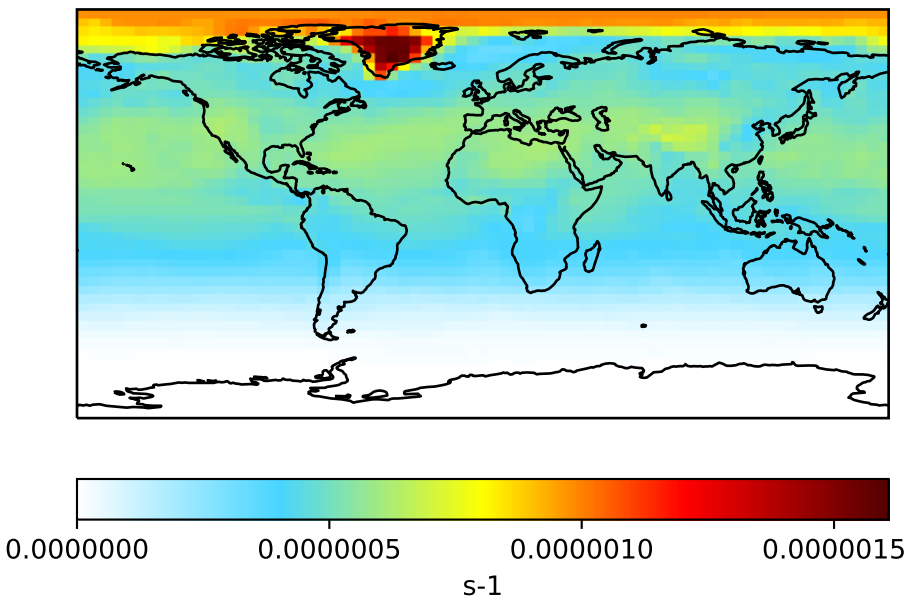
Ratio
Dev/Ref, Fixed Range



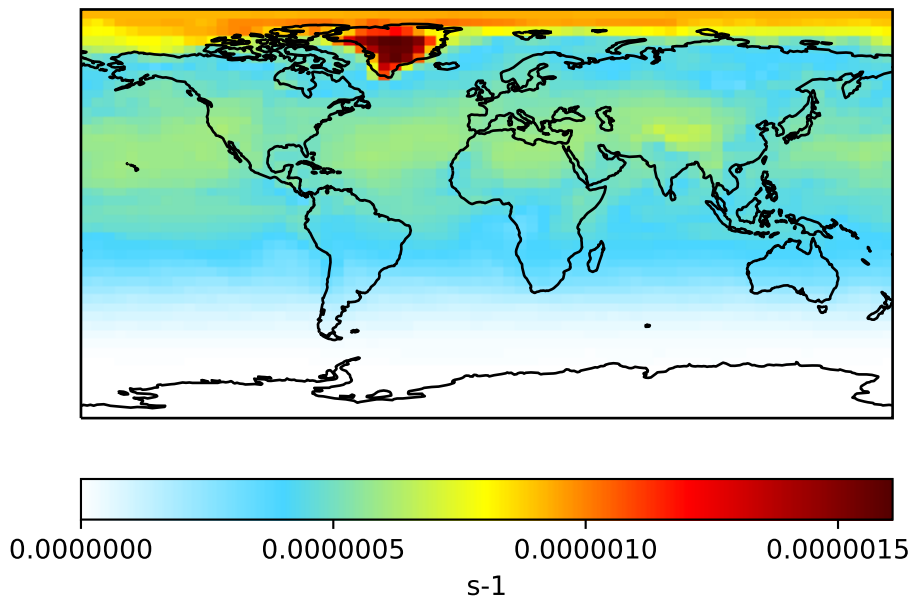


Jval_MACR (Jul2019)

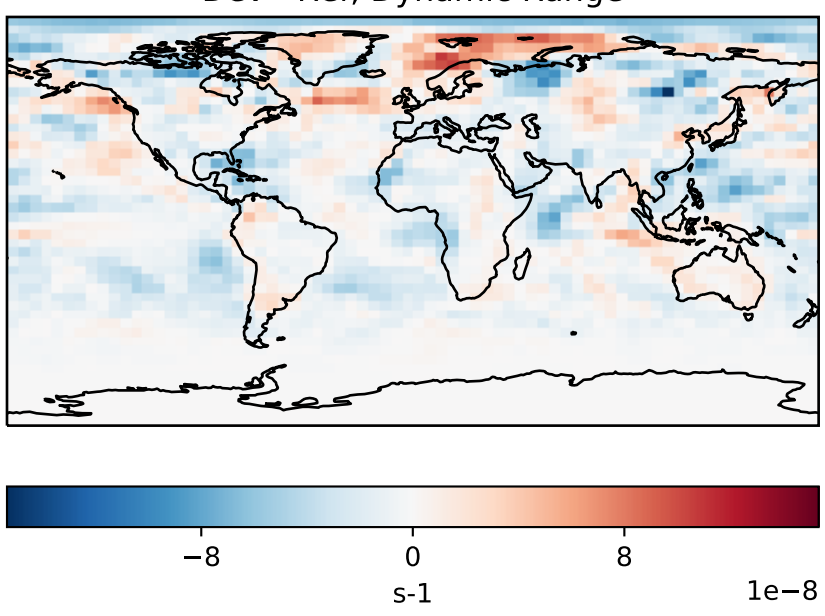
GCC_12.9.0 (Ref)
4.0x5.0



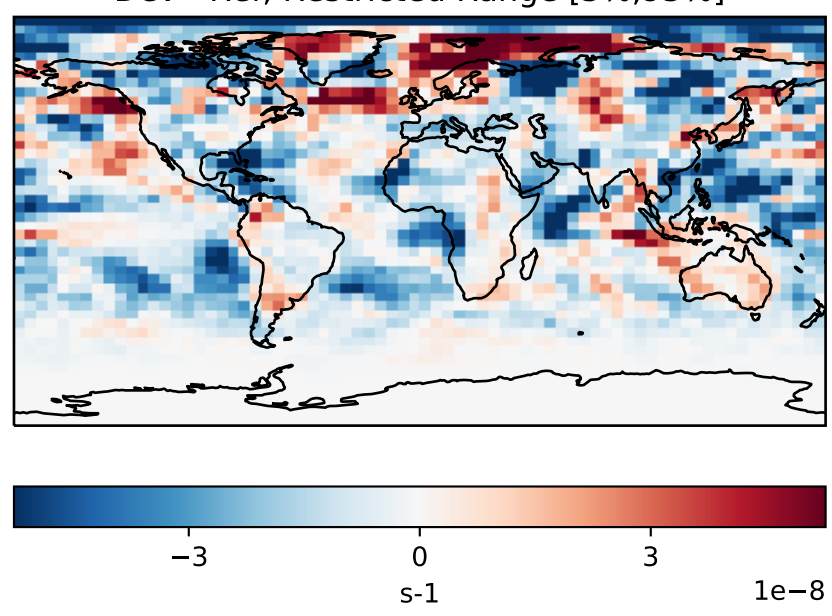
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



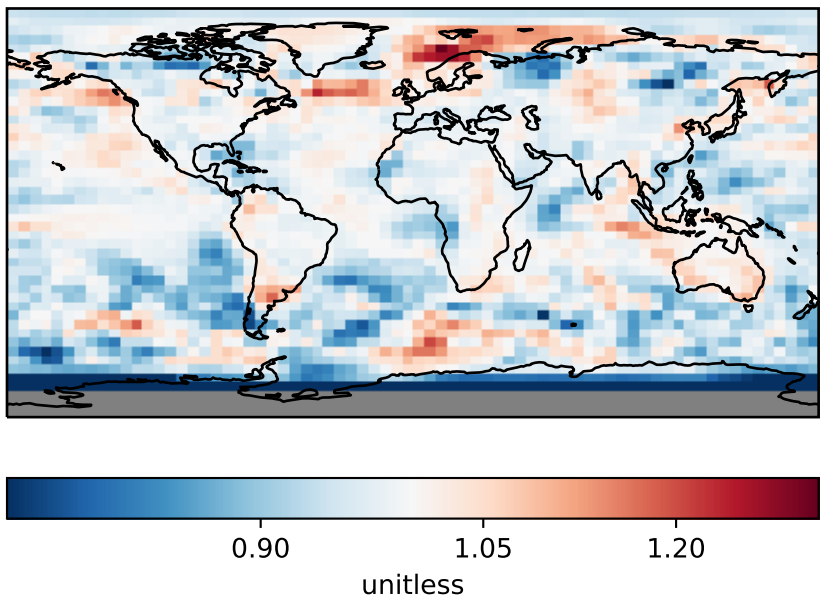
Difference
Dev - Ref, Dynamic Range



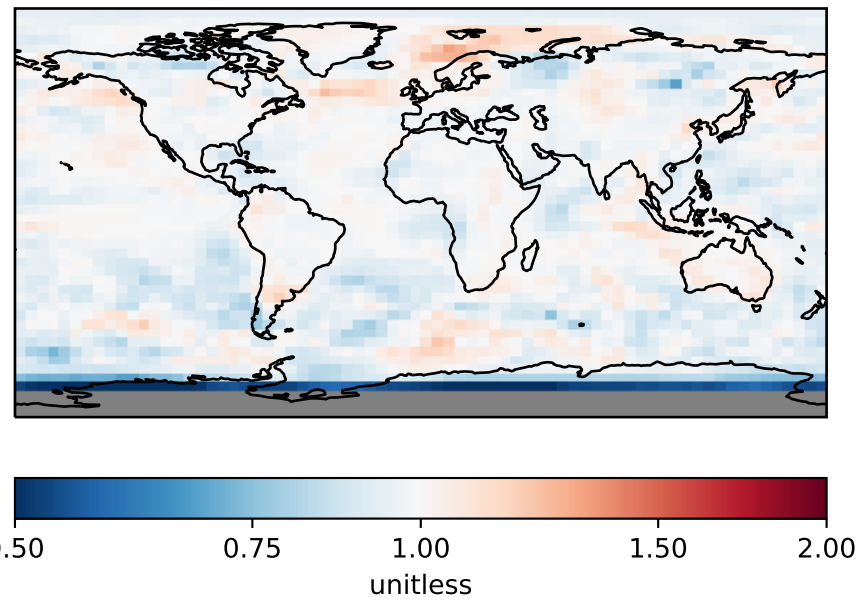
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

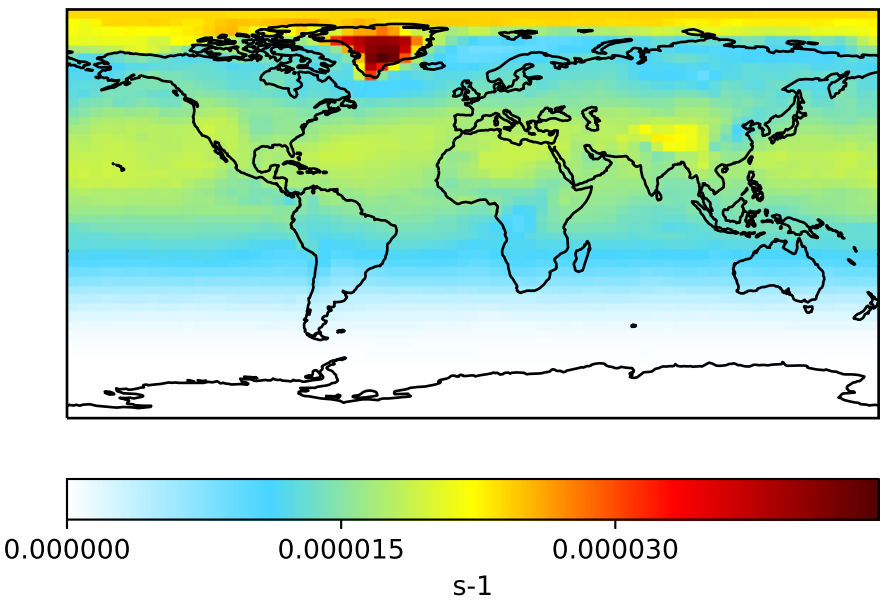


Ratio
Dev/Ref, Fixed Range

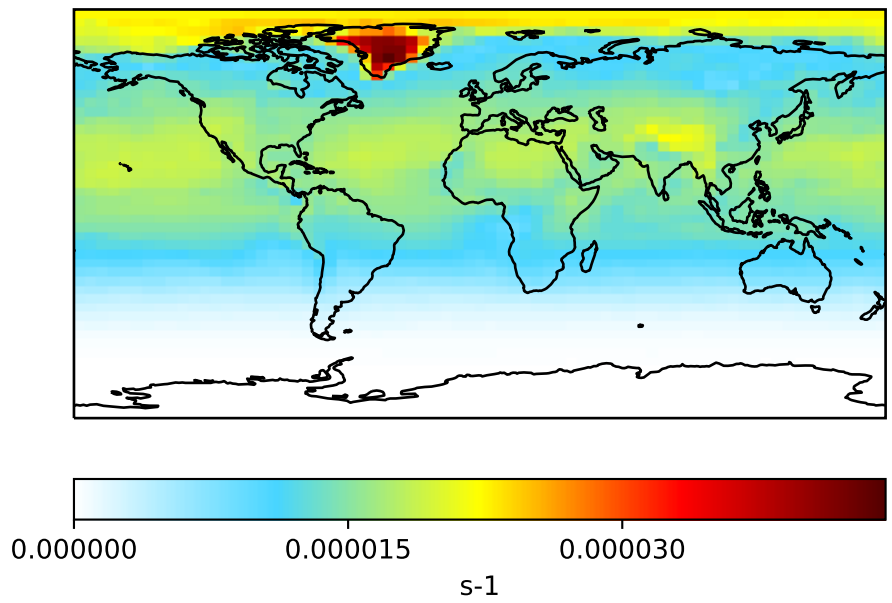


Jval_MACR1OOH (Jul2019)

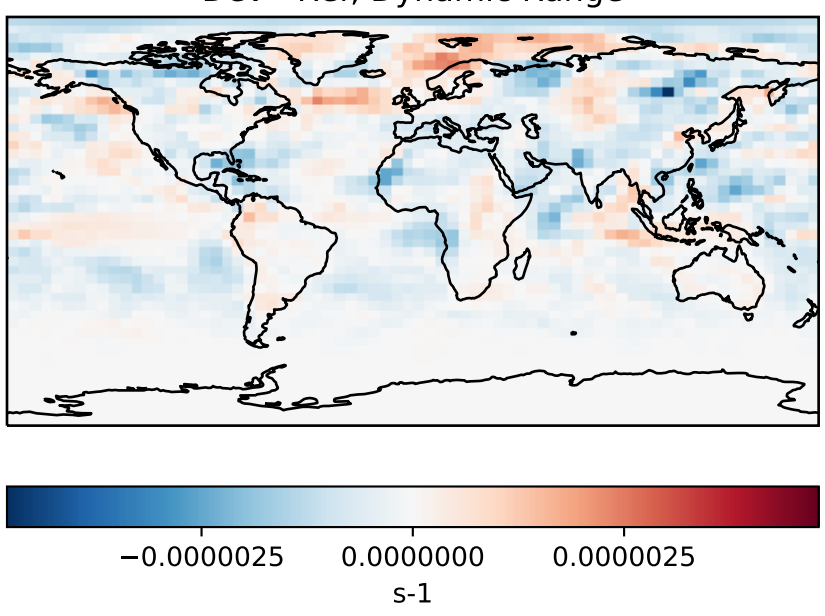
GCC_12.9.0 (Ref)
4.0x5.0



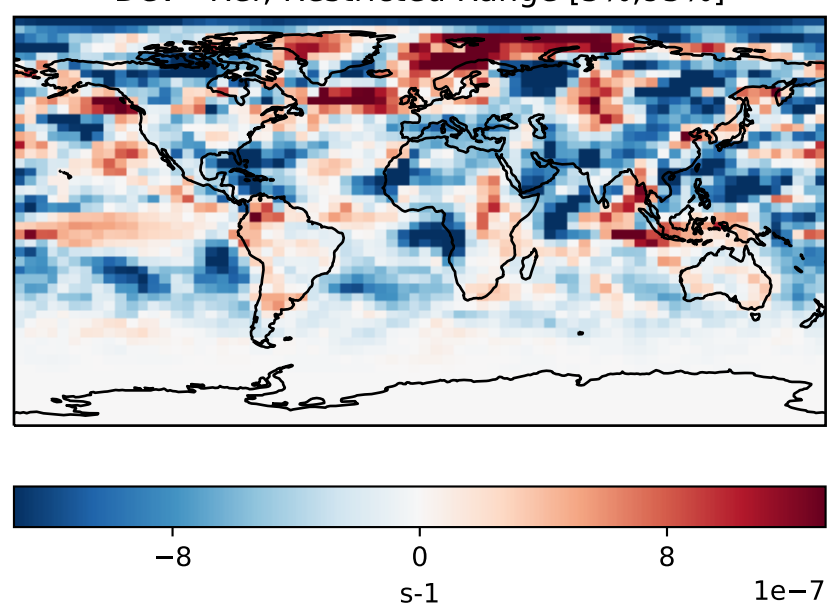
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



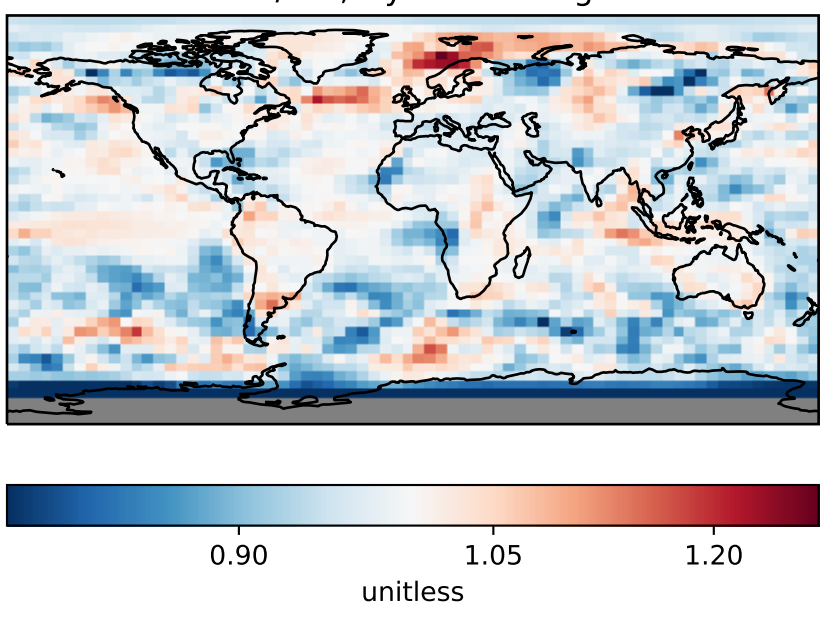
Difference
Dev - Ref, Dynamic Range



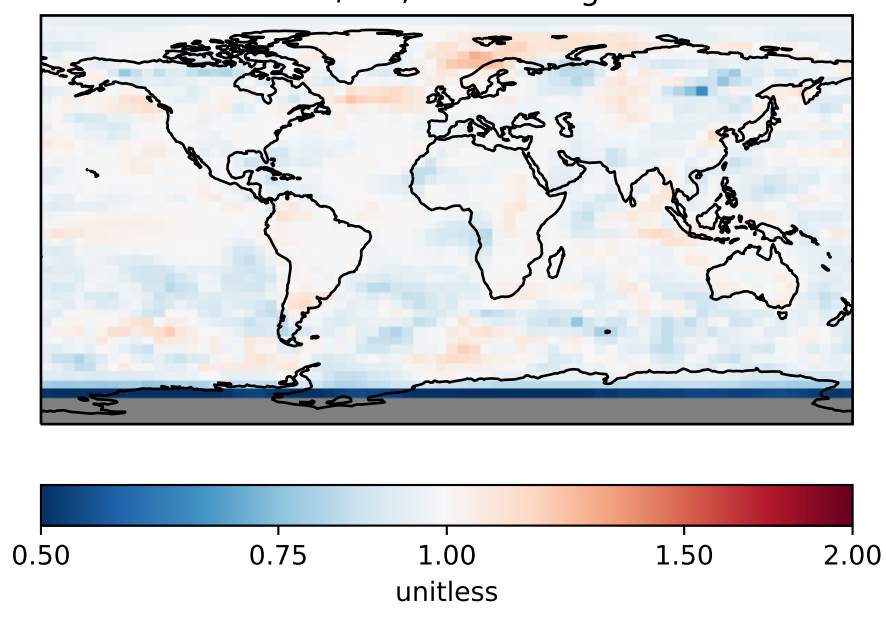
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

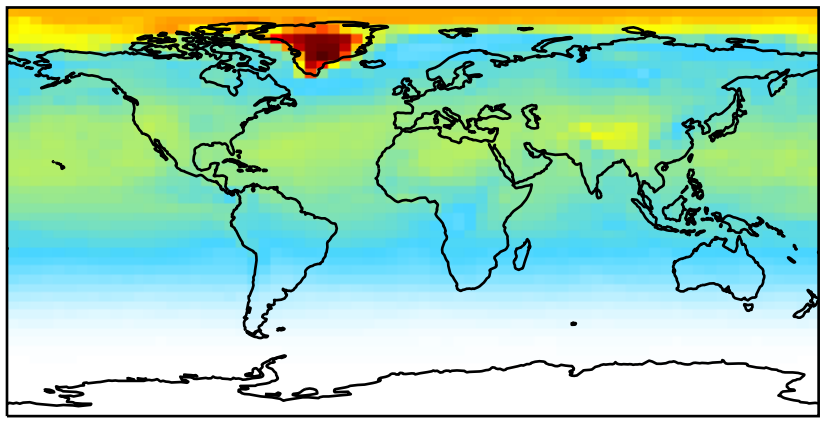


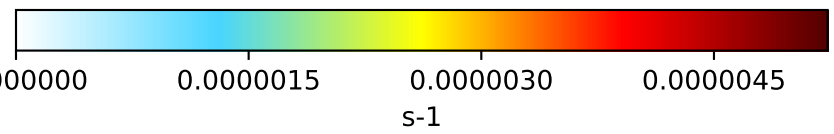
Ratio
Dev/Ref, Fixed Range



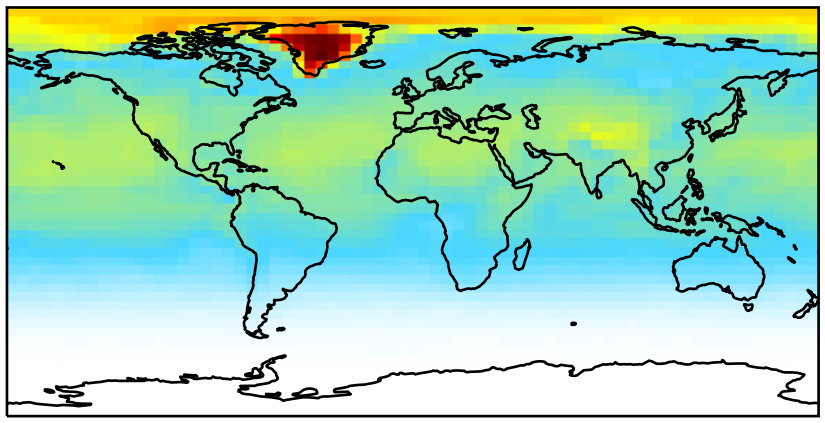
Jval_MAP (Jul2019)

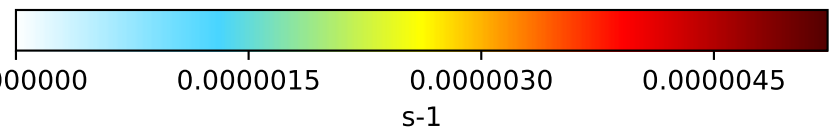
GCC_12.9.0 (Ref)
4.0x5.0



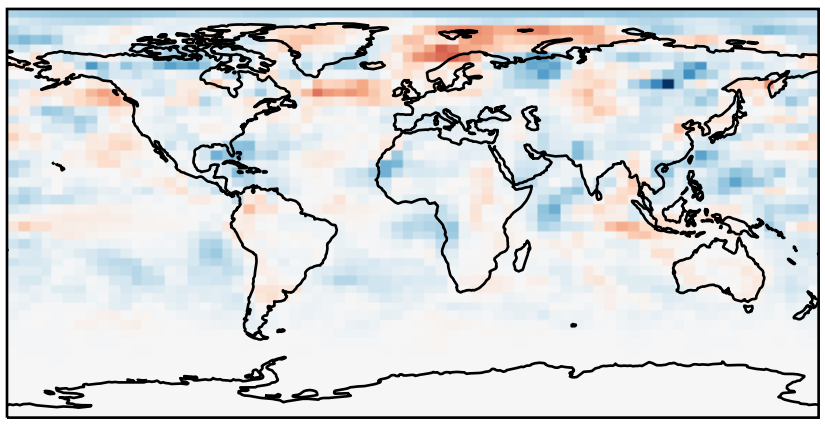


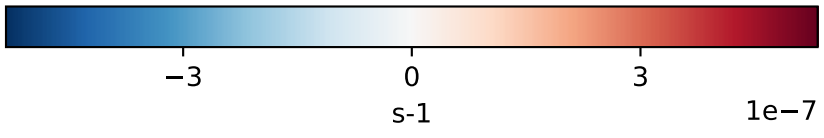
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



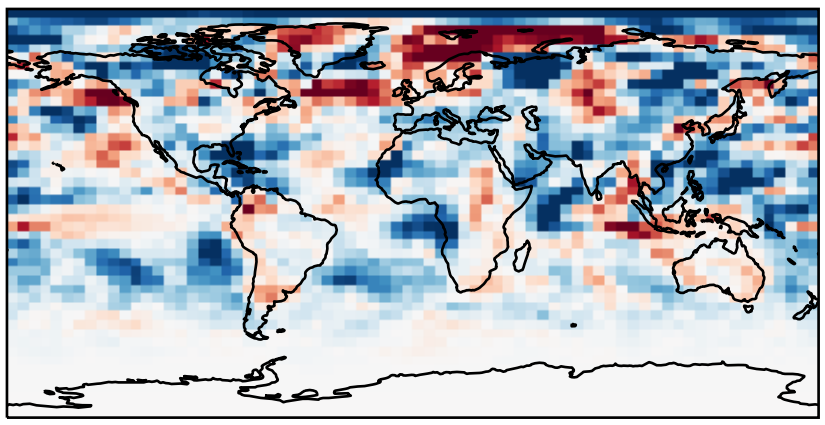


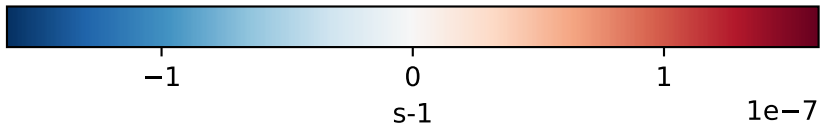
Difference
Dev - Ref, Dynamic Range



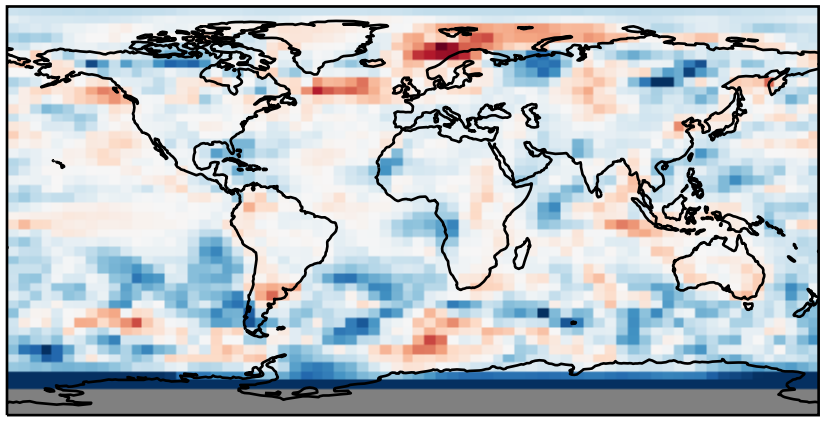


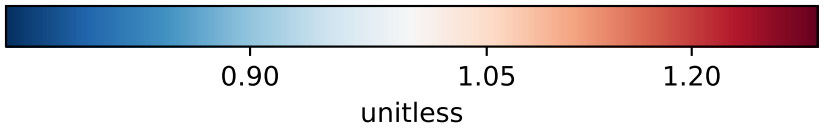
Difference
Dev - Ref, Restricted Range [5%,95%]



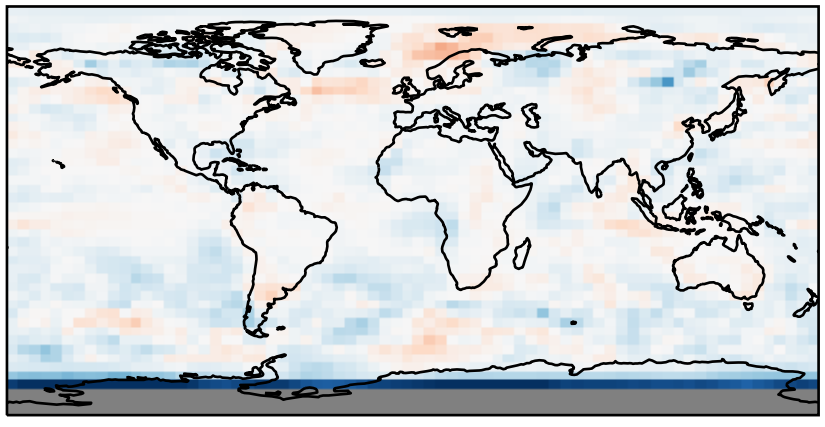


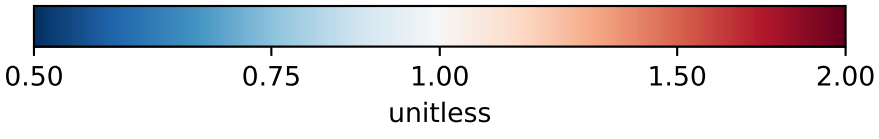
Ratio
Dev/Ref, Dynamic Range





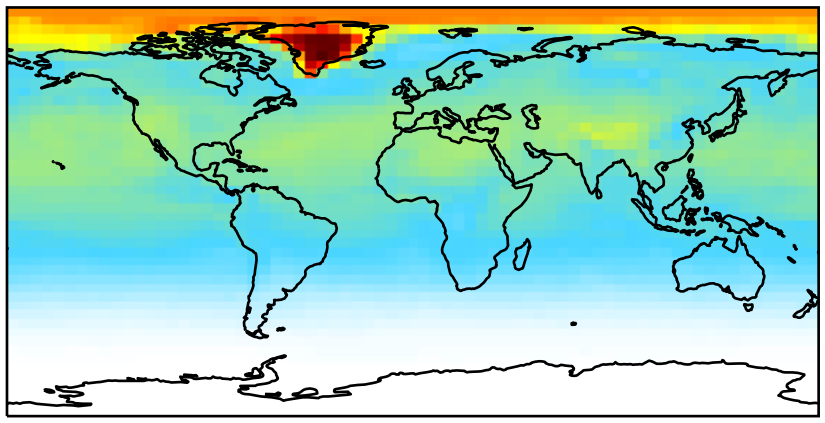
Ratio
Dev/Ref, Fixed Range

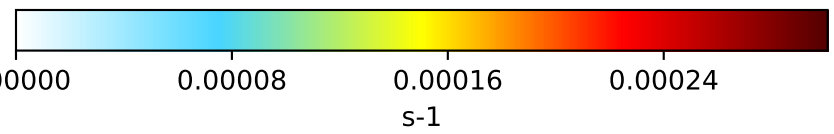




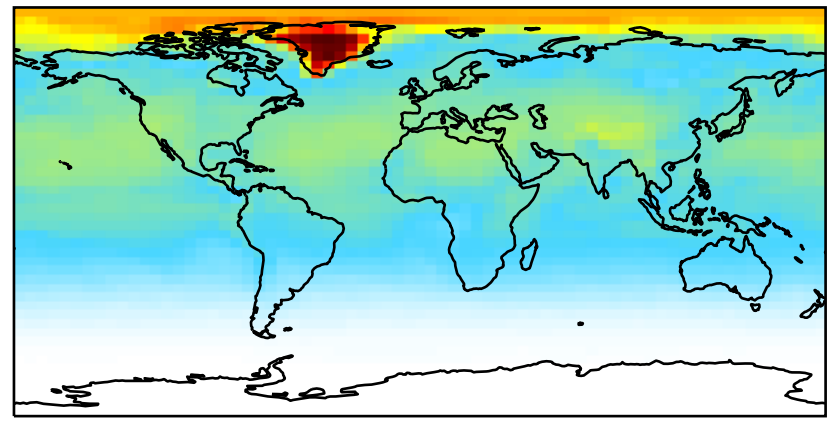
Jval_MCRENOL (Jul2019)

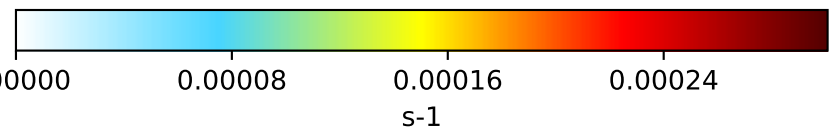
GCC_12.9.0 (Ref)
4.0x5.0



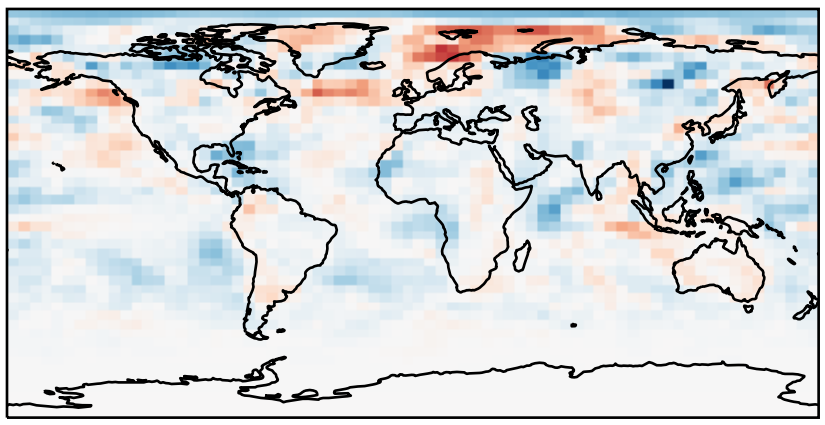


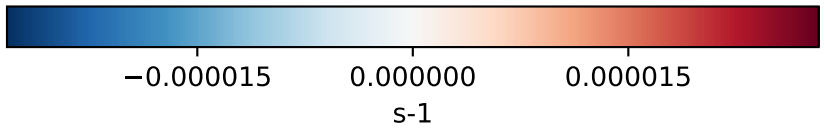
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



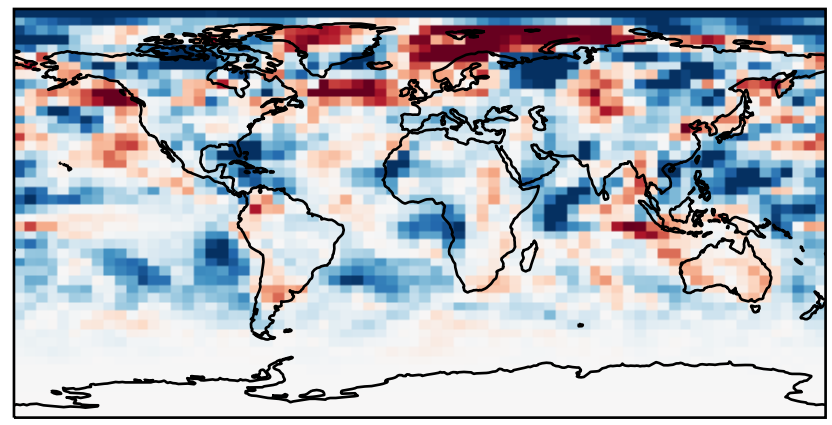


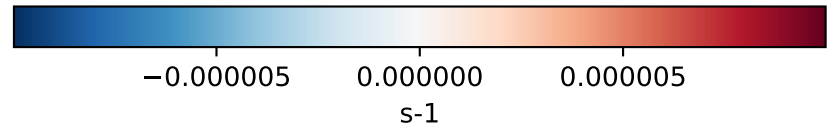
Difference
Dev - Ref, Dynamic Range



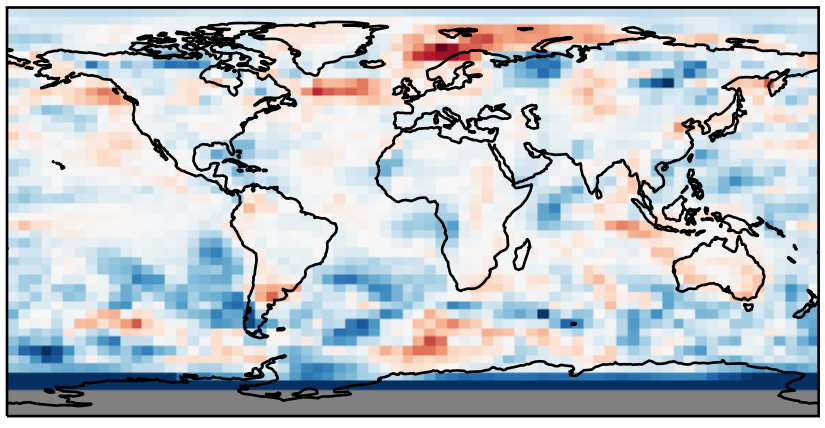


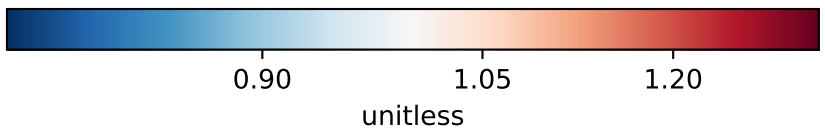
Difference
Dev - Ref, Restricted Range [5%,95%]



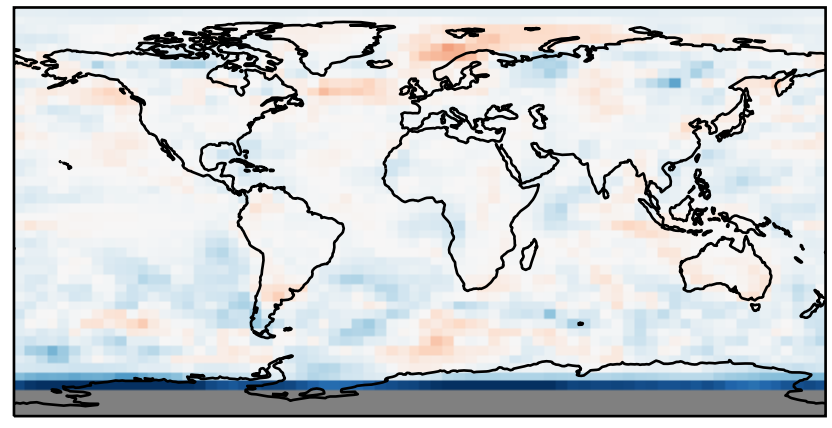


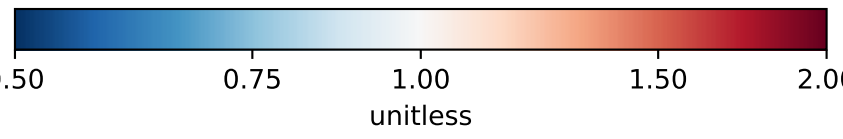
Ratio
Dev/Ref, Dynamic Range





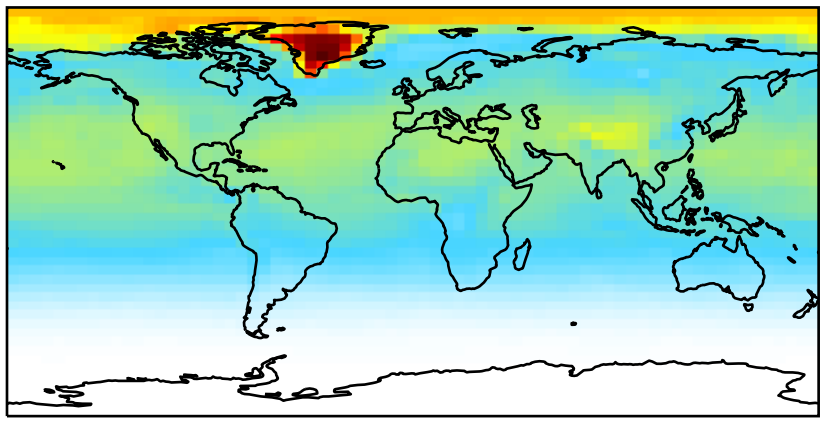
Ratio
Dev/Ref, Fixed Range

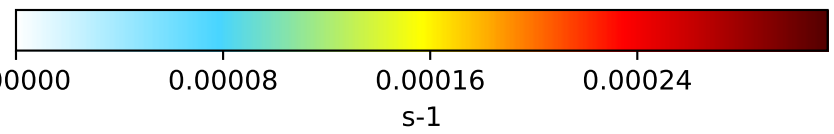




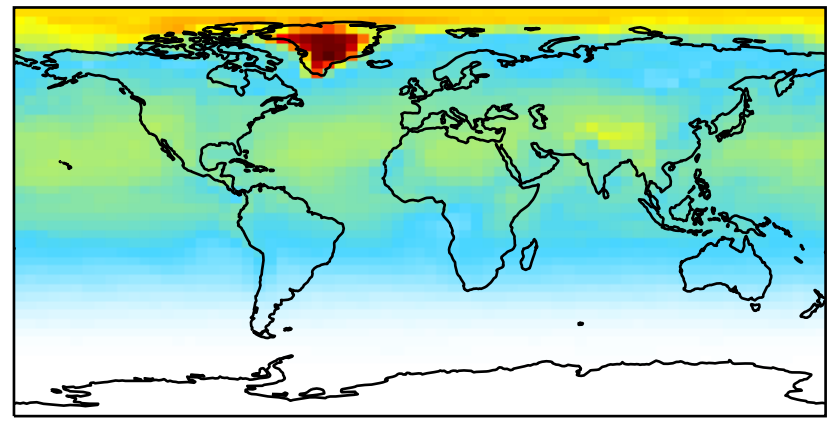
Jval_MCRHN (Jul2019)

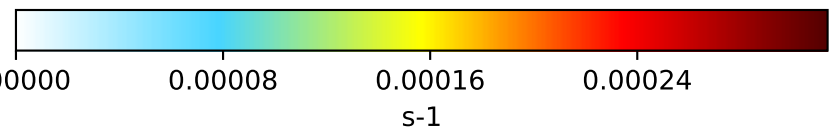
GCC_12.9.0 (Ref)
4.0x5.0



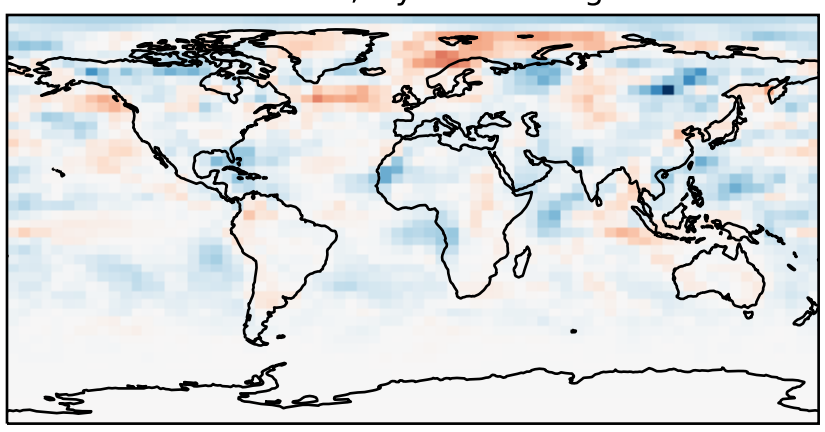


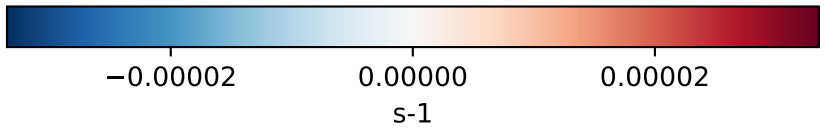
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



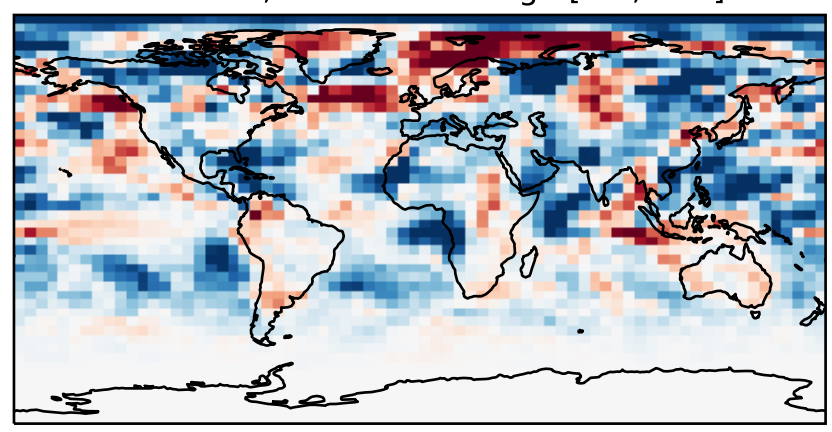


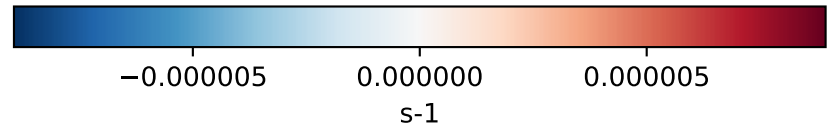
Difference
Dev - Ref, Dynamic Range



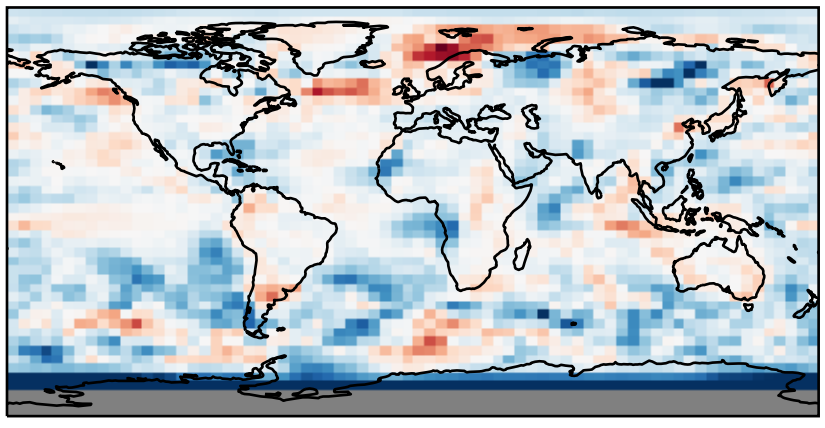


Difference
Dev - Ref, Restricted Range [5%,95%]



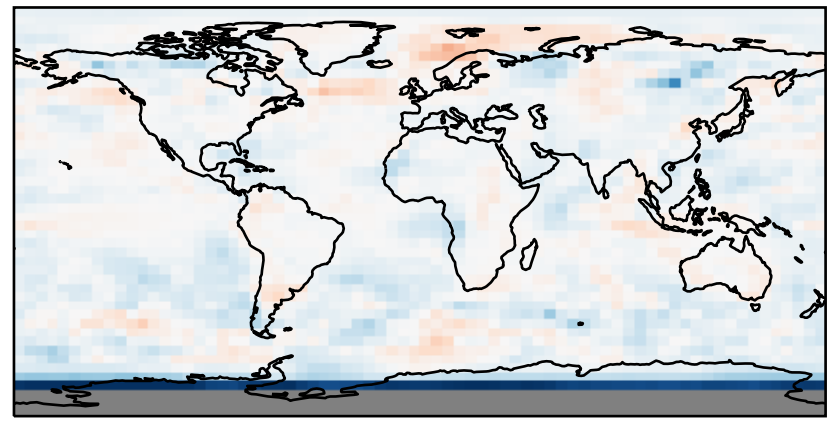


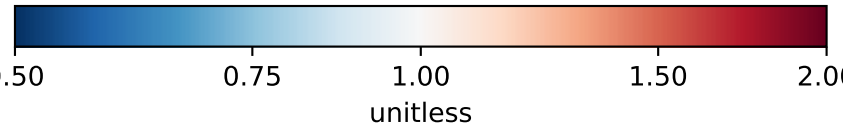
Ratio
Dev/Ref, Dynamic Range





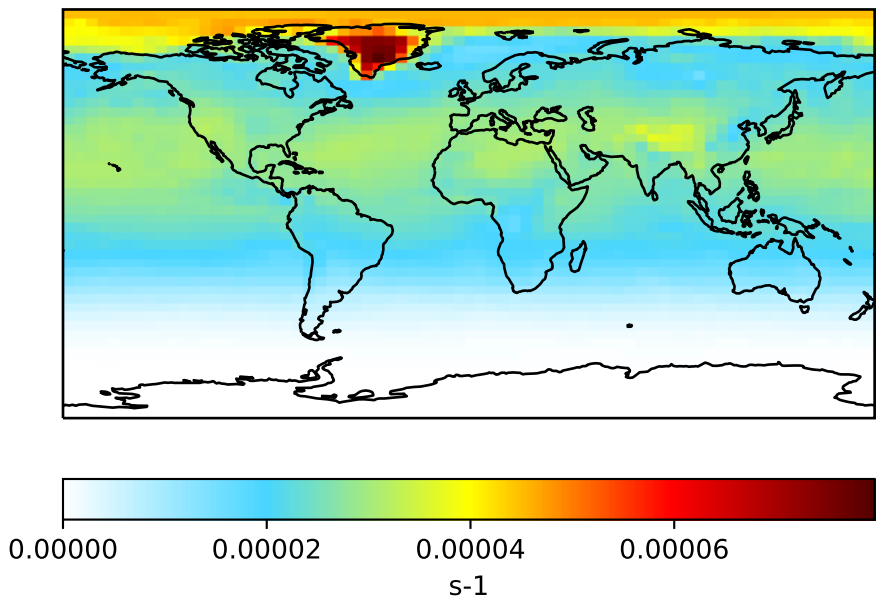
Ratio
Dev/Ref, Fixed Range



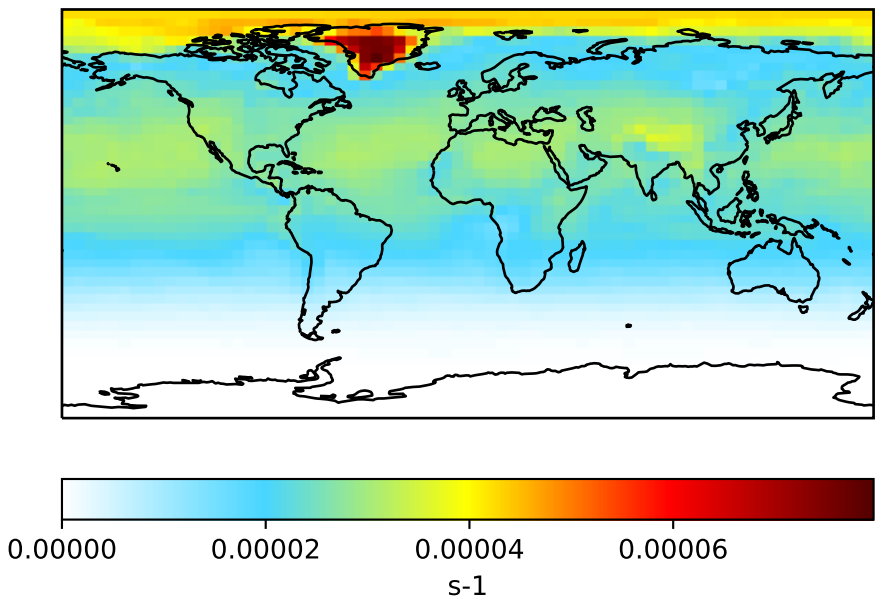


Jval_MCRHNB (Jul2019)

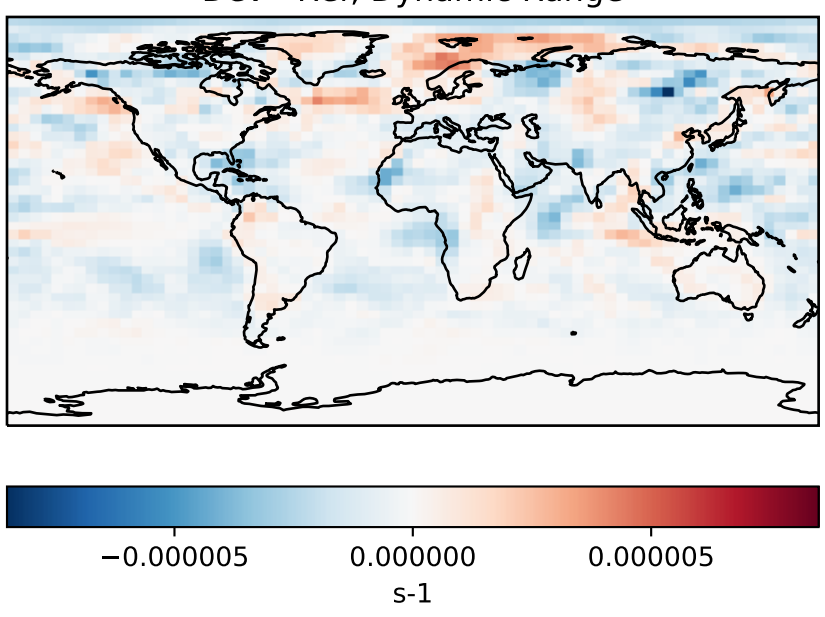
GCC_12.9.0 (Ref)
4.0x5.0



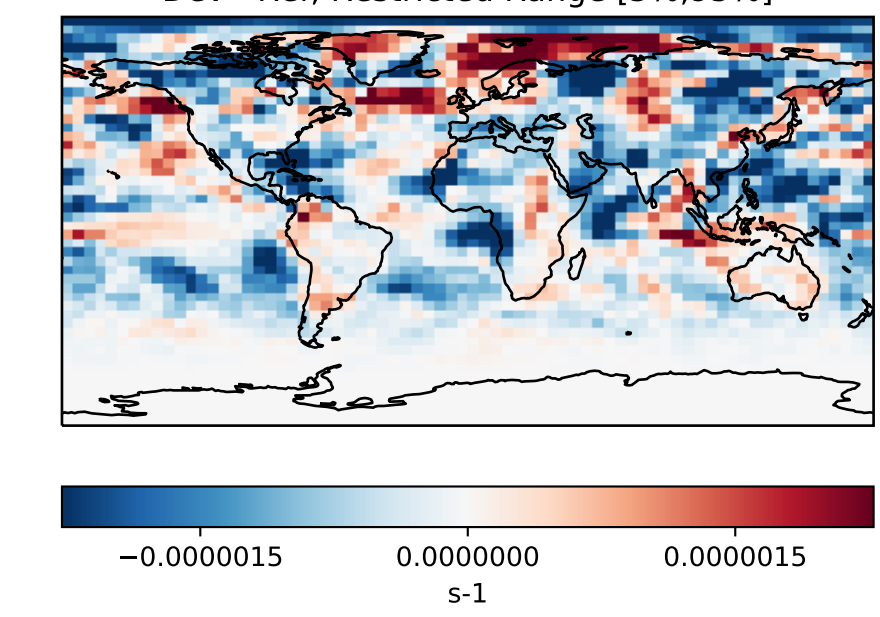
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



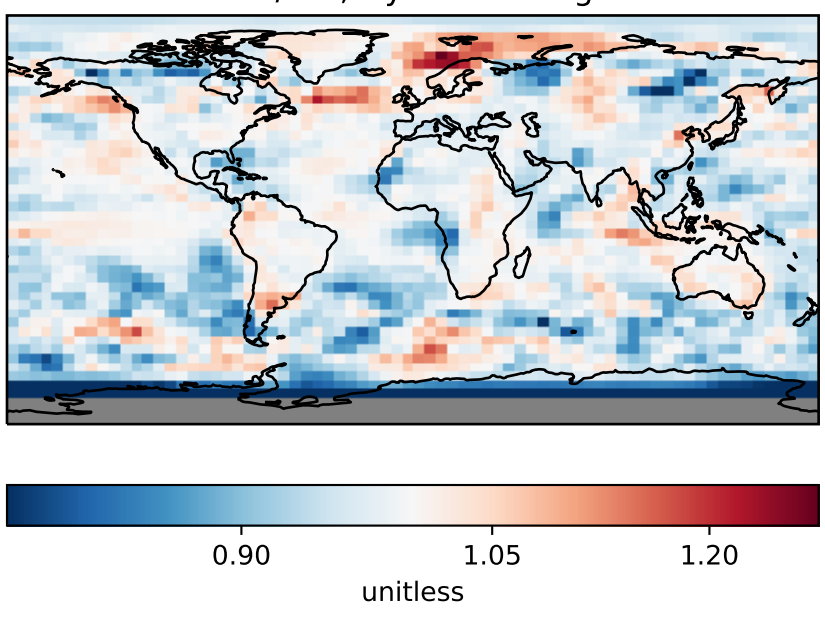
Difference
Dev - Ref, Dynamic Range



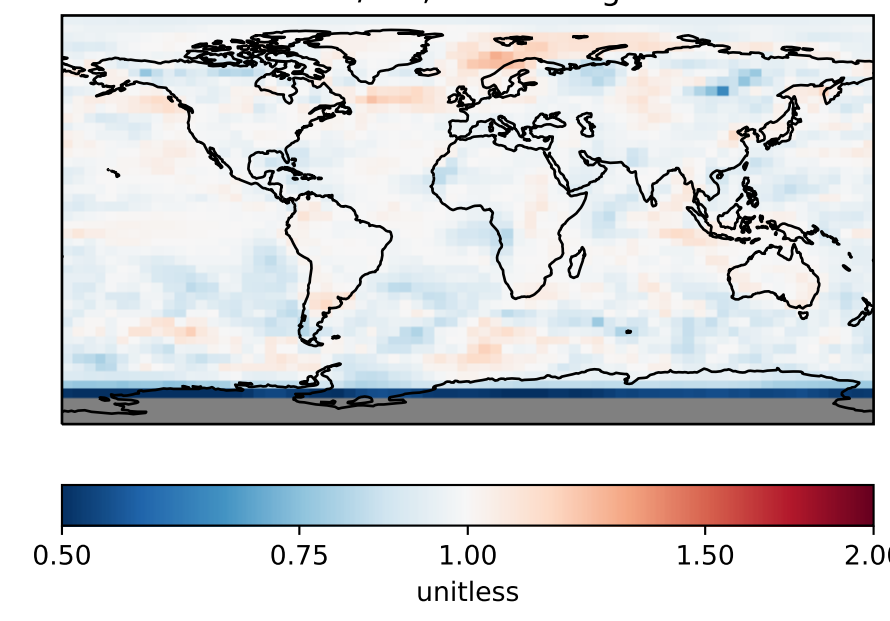
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

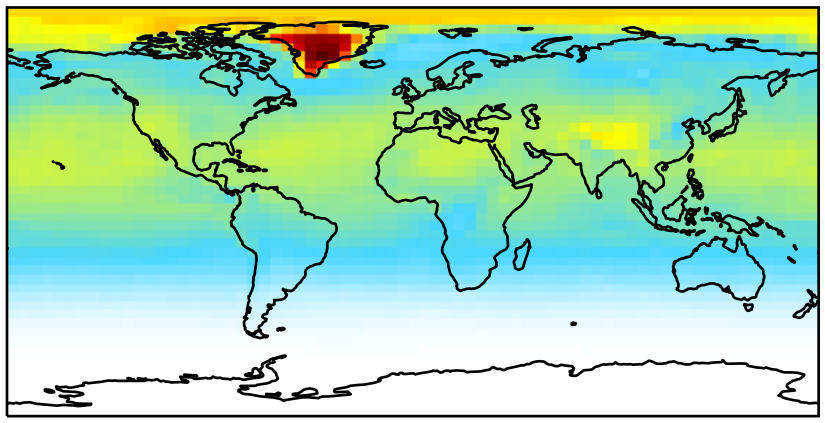


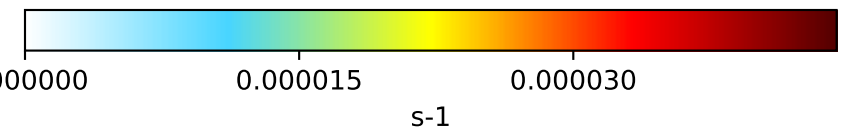
Ratio
Dev/Ref, Fixed Range



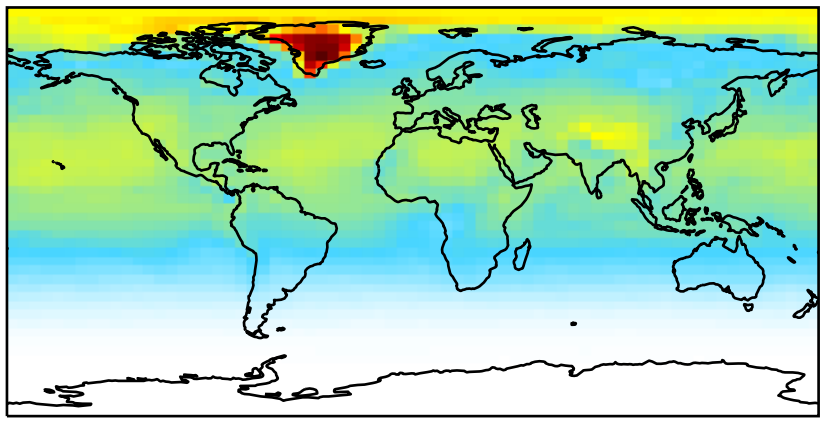
Jval_MCRHP (Jul2019)

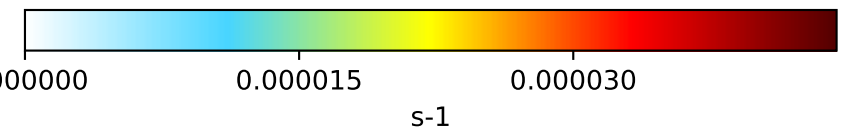
GCC_12.9.0 (Ref)
4.0x5.0



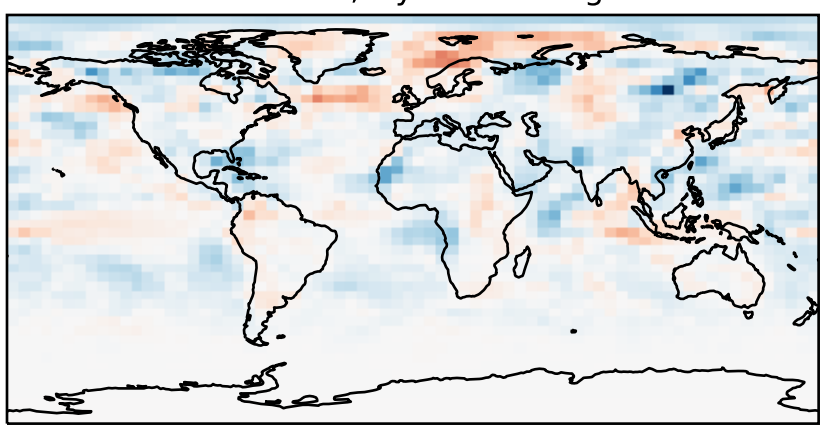


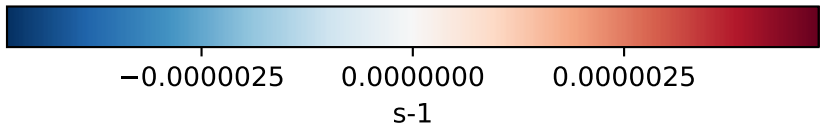
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



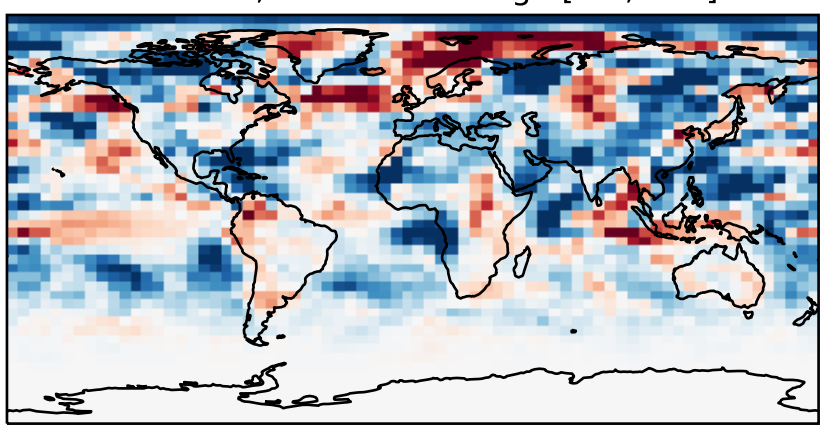


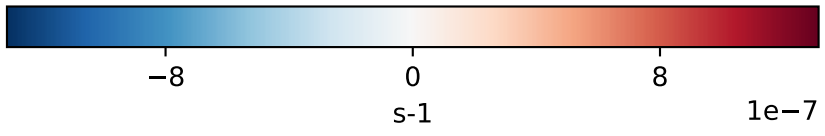
Difference
Dev - Ref, Dynamic Range



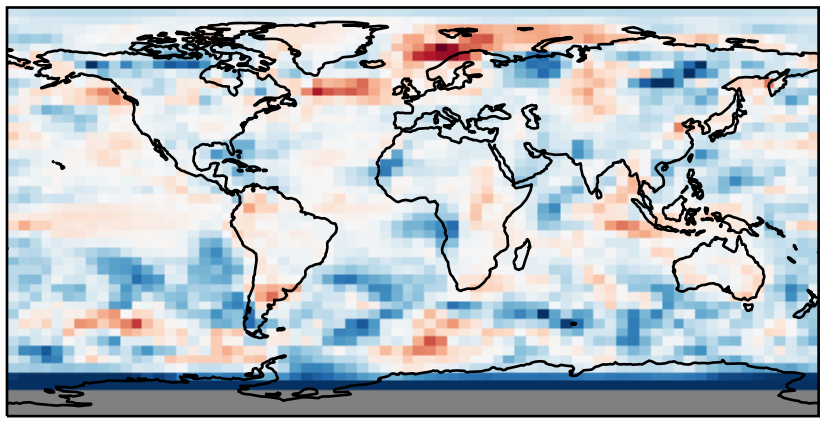


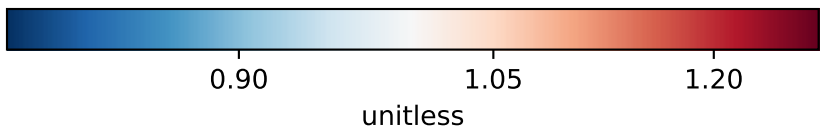
Difference
Dev - Ref, Restricted Range [5%,95%]



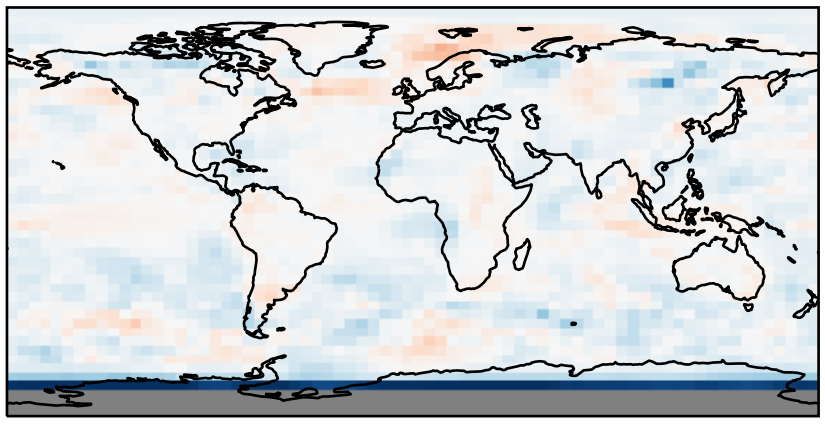


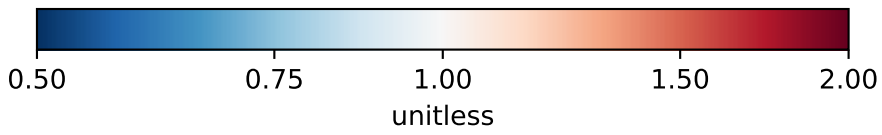
Ratio
Dev/Ref, Dynamic Range





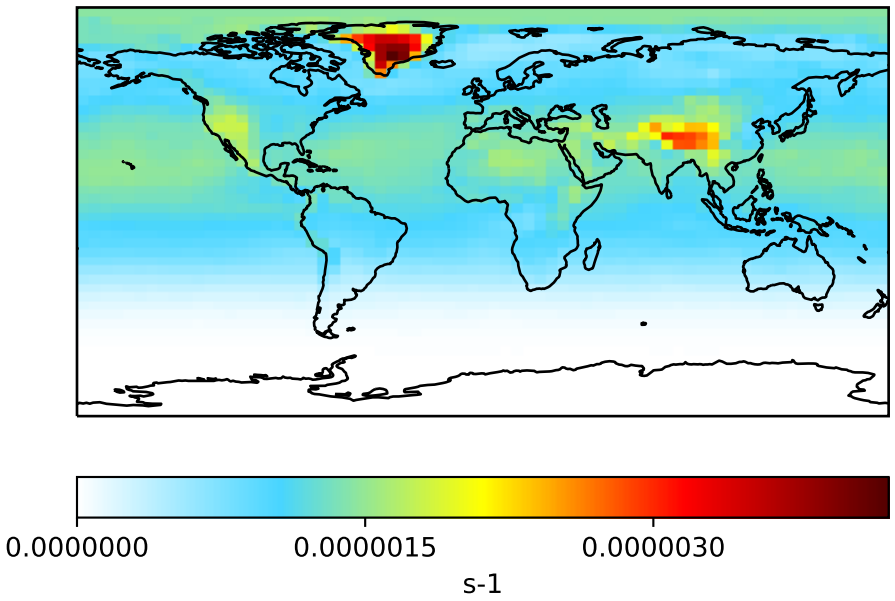
Ratio
Dev/Ref, Fixed Range



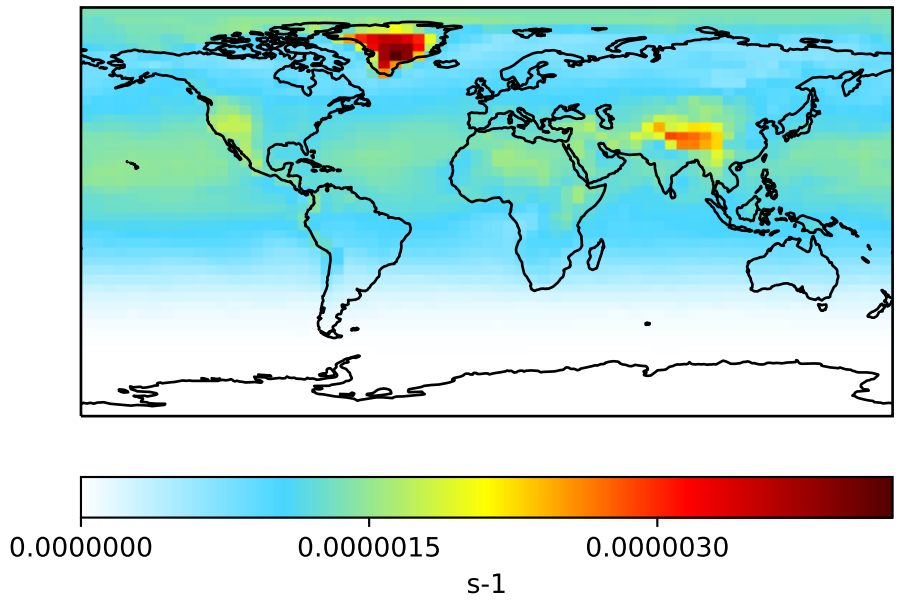


Jval_MEK (Jul2019)

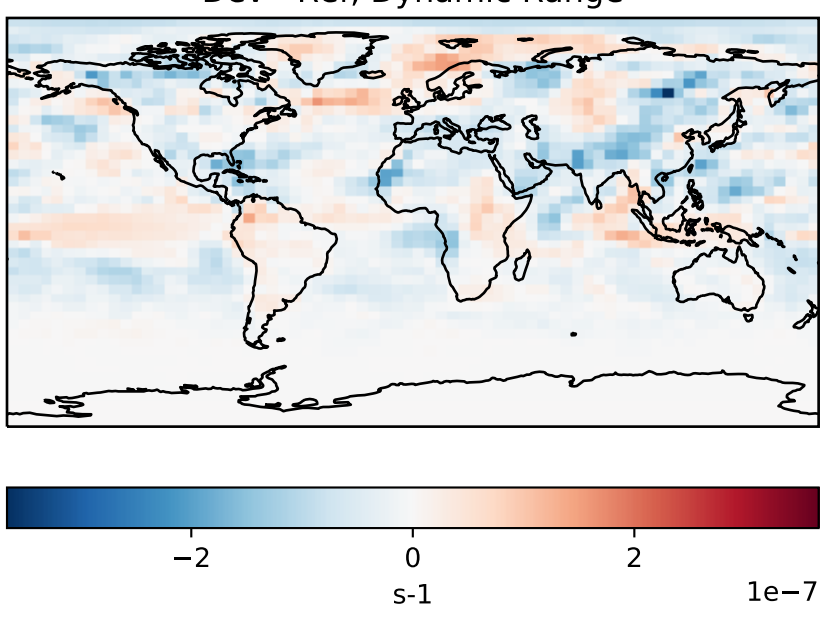
GCC_12.9.0 (Ref)
4.0x5.0



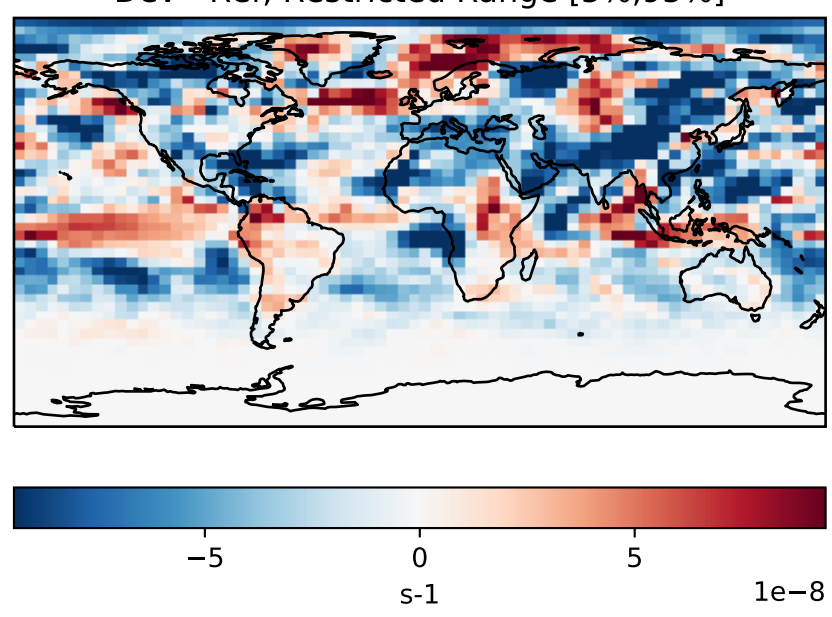
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



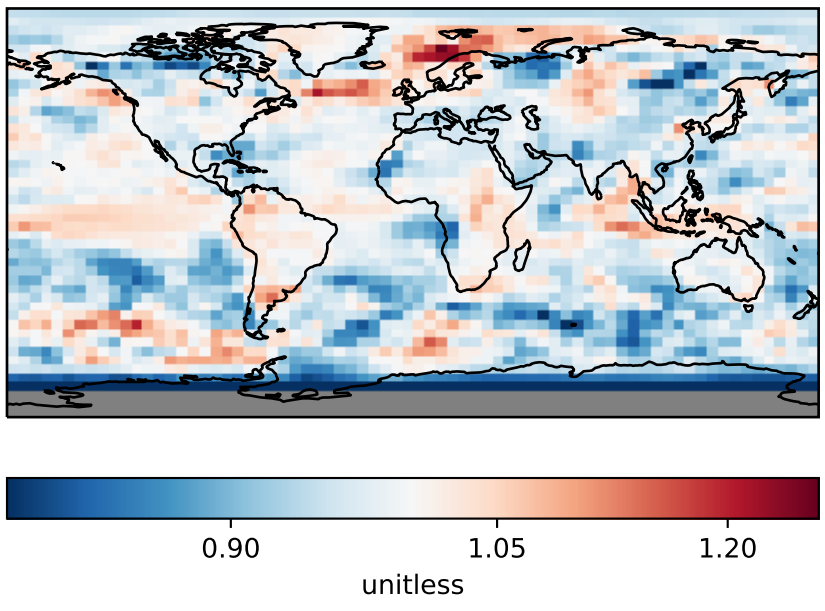
Difference
Dev - Ref, Dynamic Range



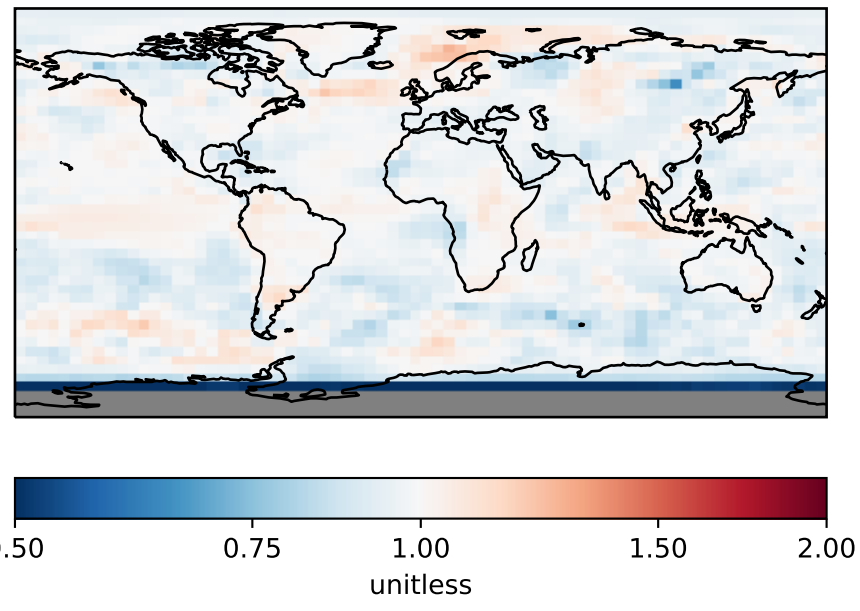
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

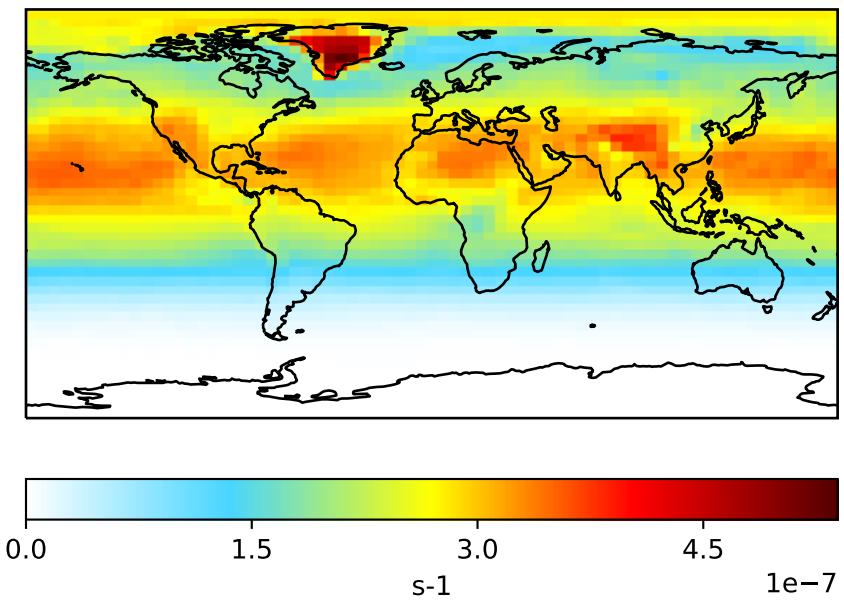


Ratio
Dev/Ref, Fixed Range

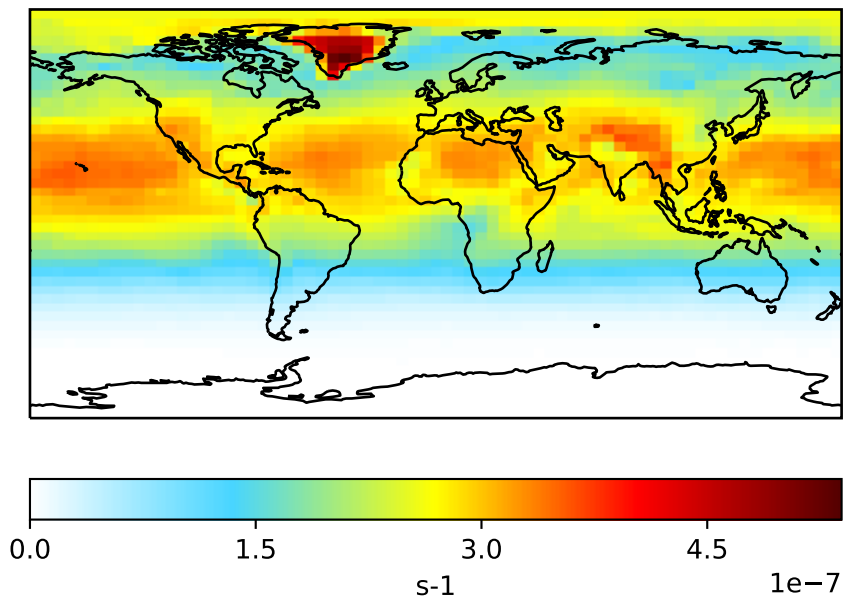


Jval_MENO3 (Jul2019)

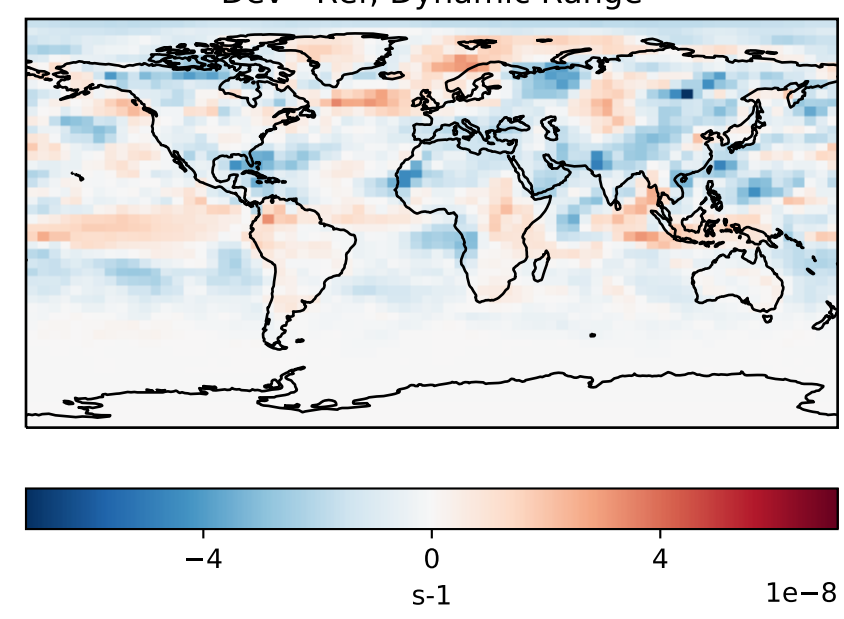
GCC_12.9.0 (Ref)
4.0x5.0



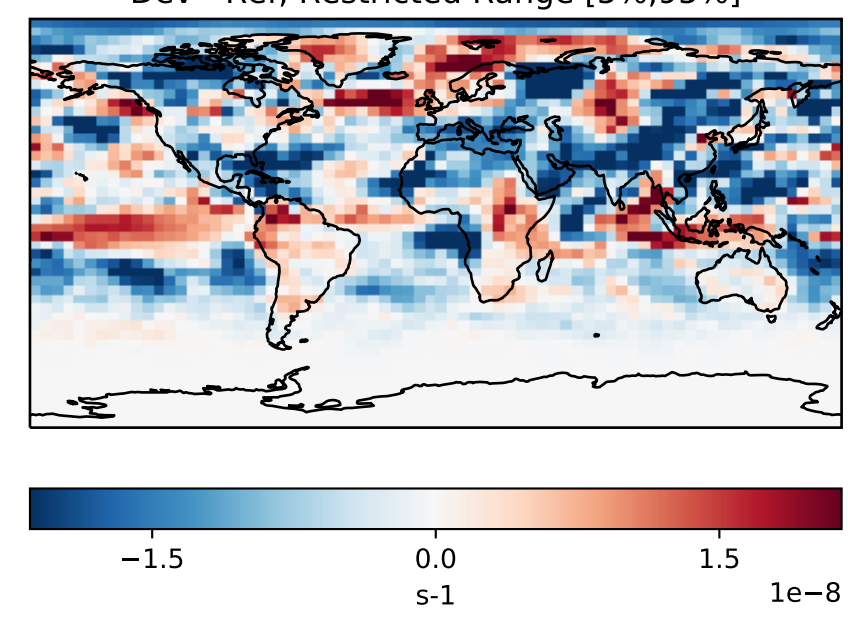
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



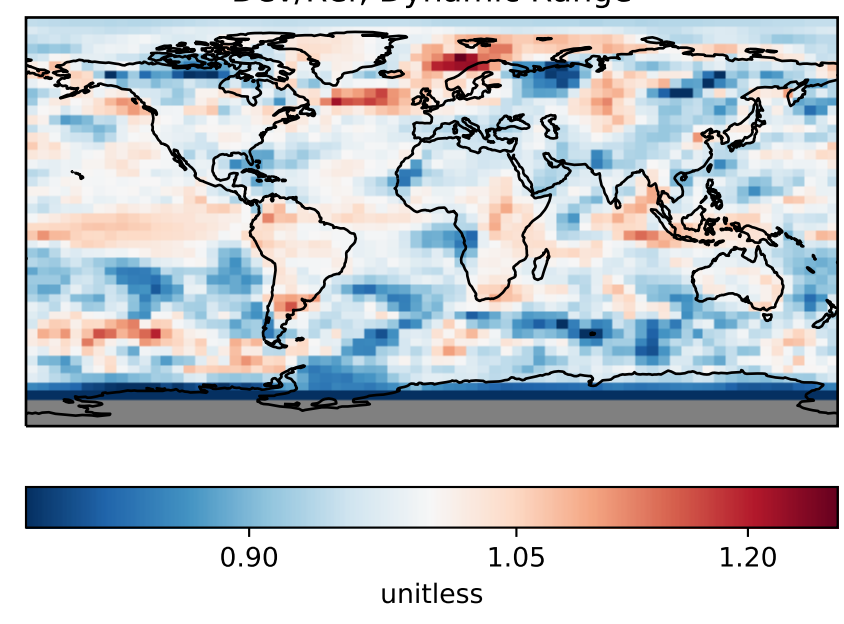
Difference
Dev - Ref, Dynamic Range



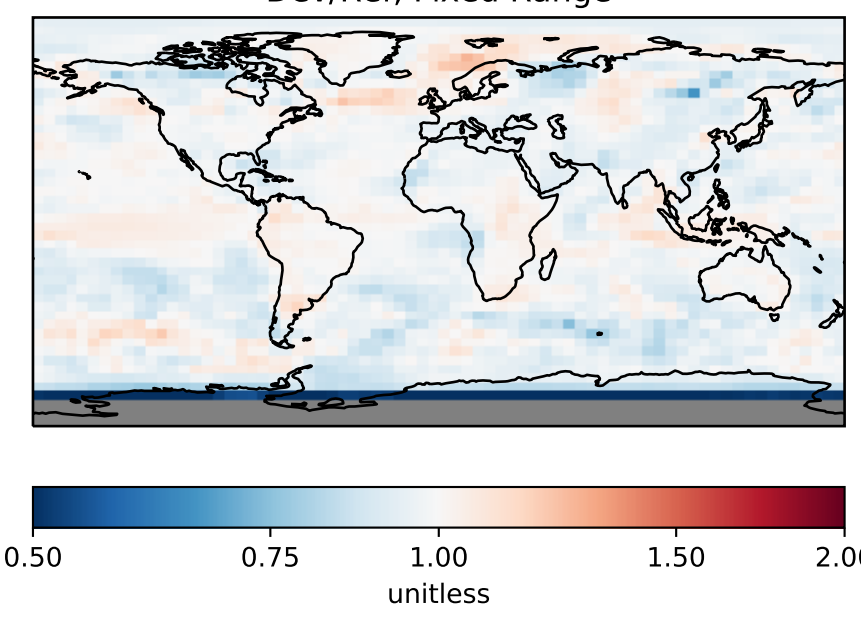
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

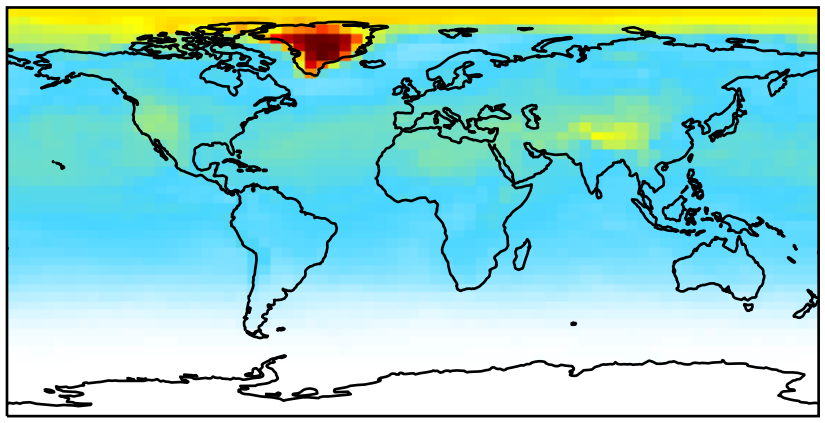


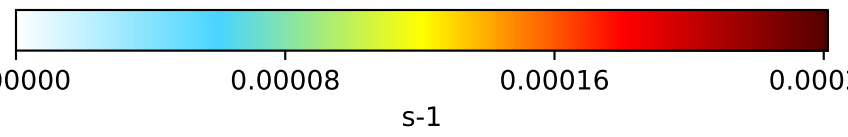
Ratio
Dev/Ref, Fixed Range



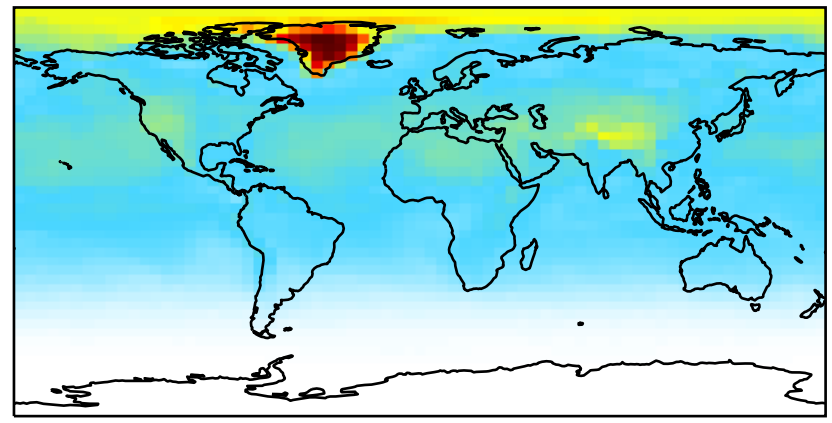
Jval_MGLY (Jul2019)

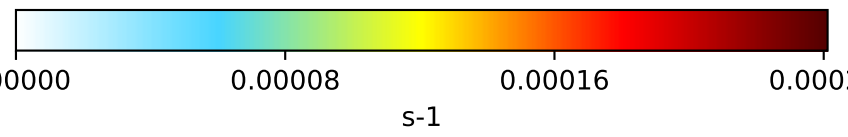
GCC_12.9.0 (Ref)
4.0x5.0



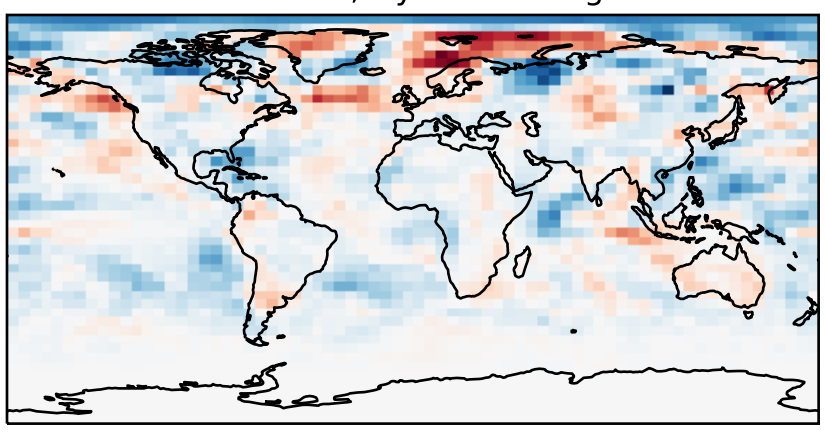


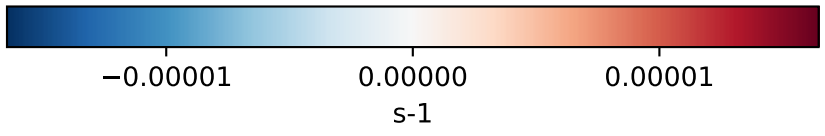
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



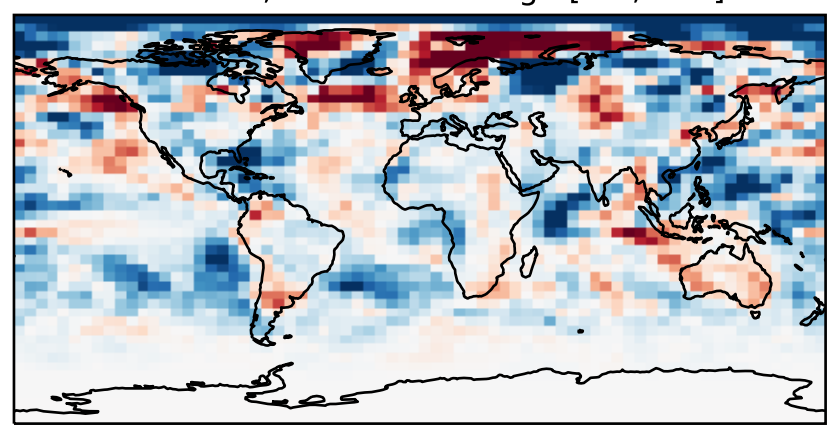


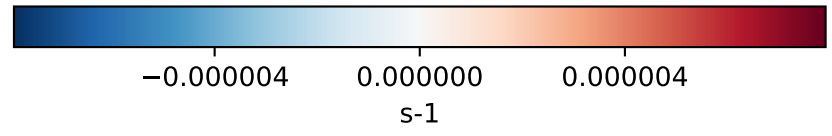
Difference
Dev - Ref, Dynamic Range



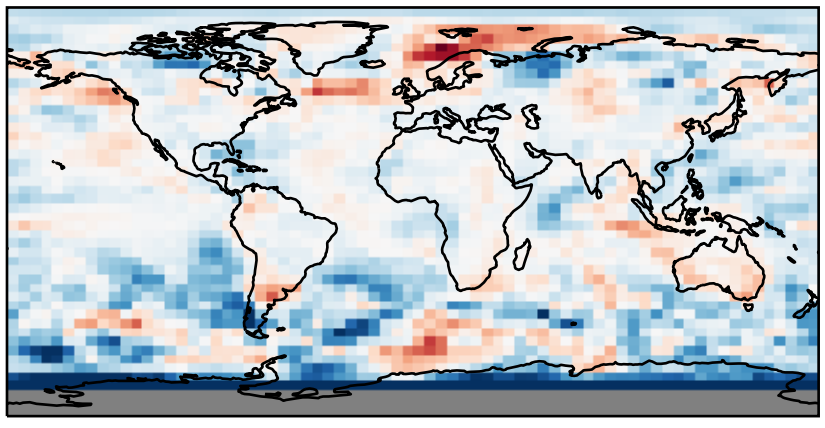


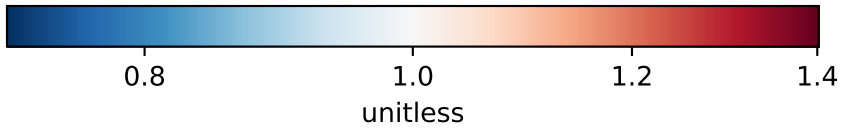
Difference
Dev - Ref, Restricted Range [5%,95%]



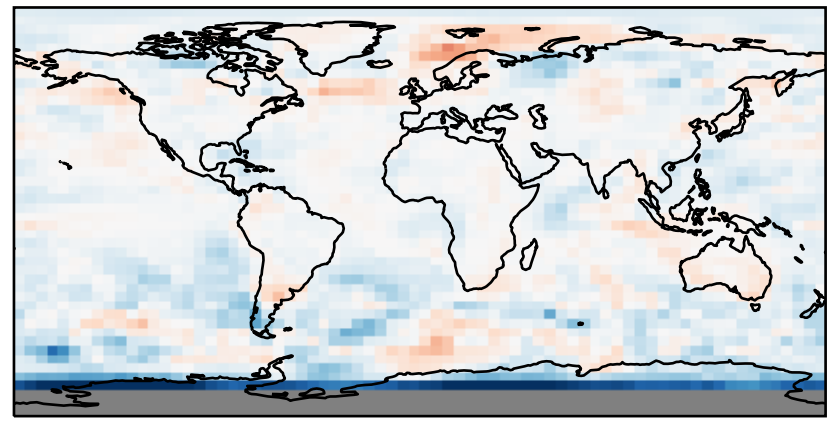


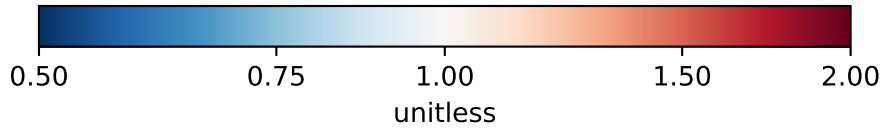
Ratio
Dev/Ref, Dynamic Range





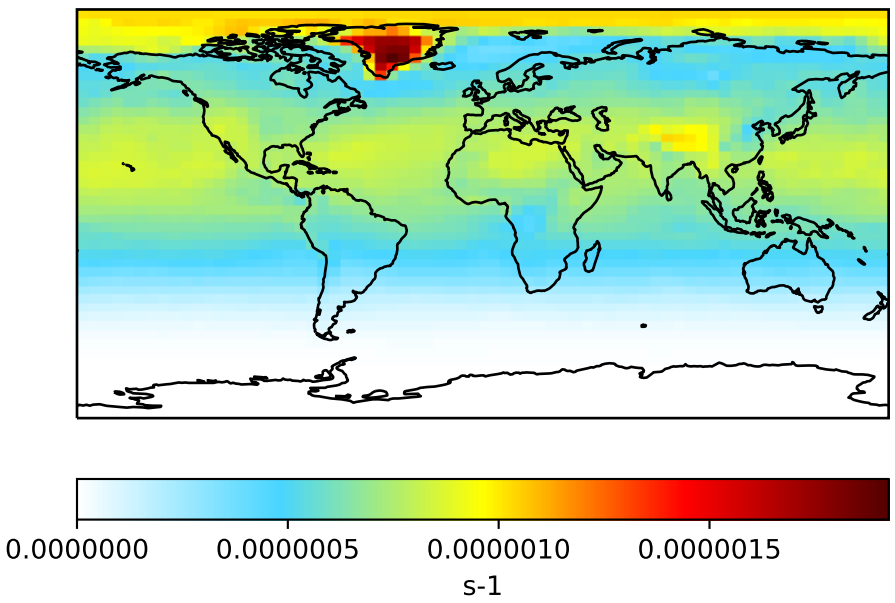
Ratio
Dev/Ref, Fixed Range



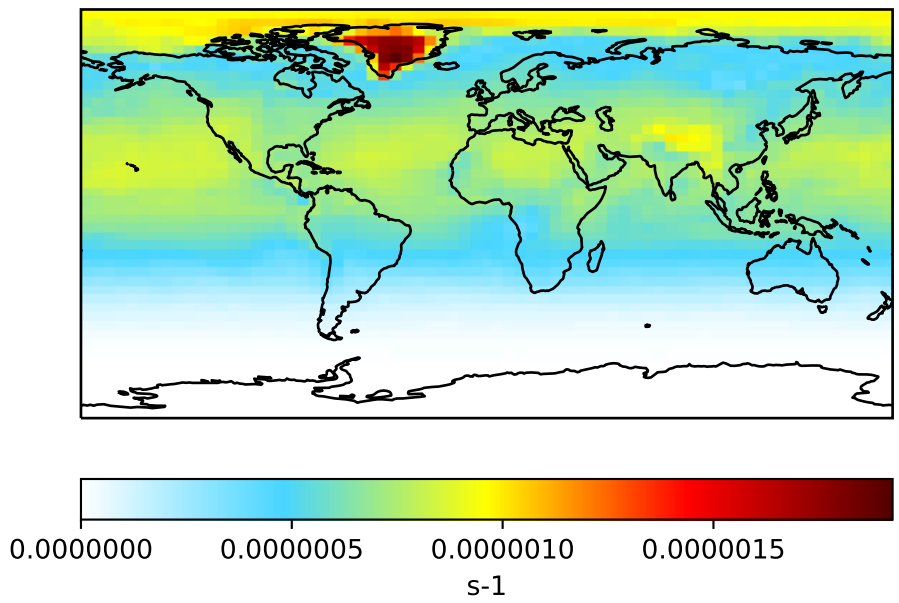


Jval_MONITS (Jul2019)

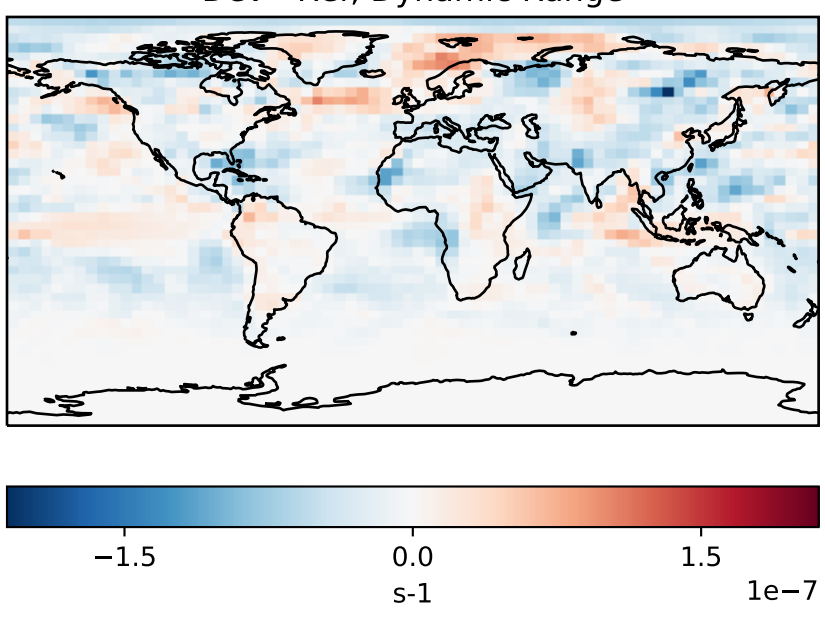
GCC_12.9.0 (Ref)
4.0x5.0



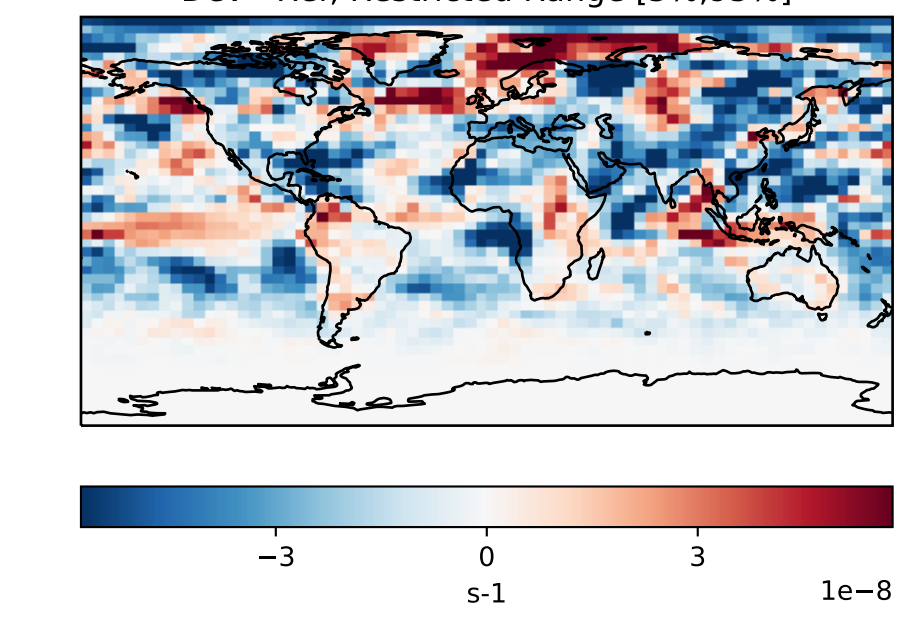
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



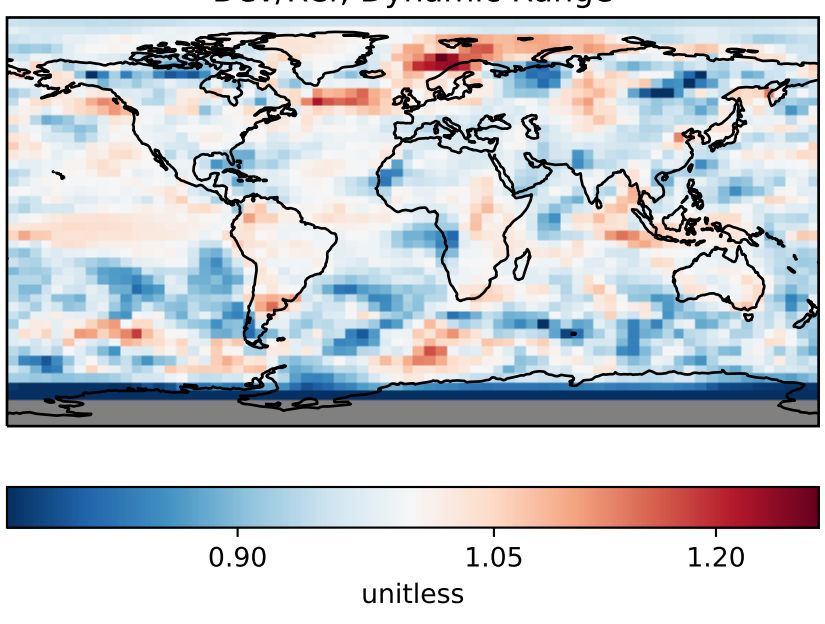
Difference
Dev - Ref, Dynamic Range



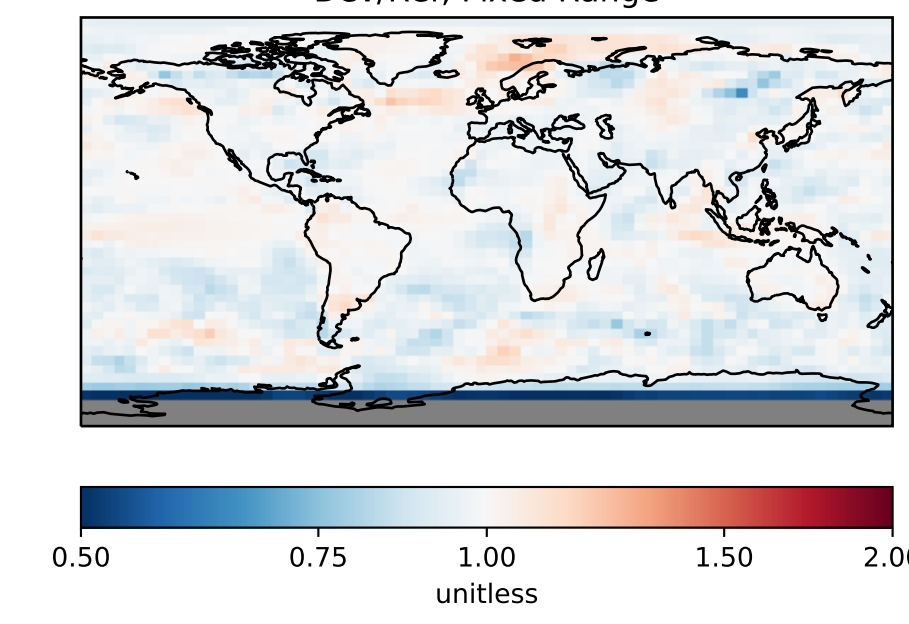
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

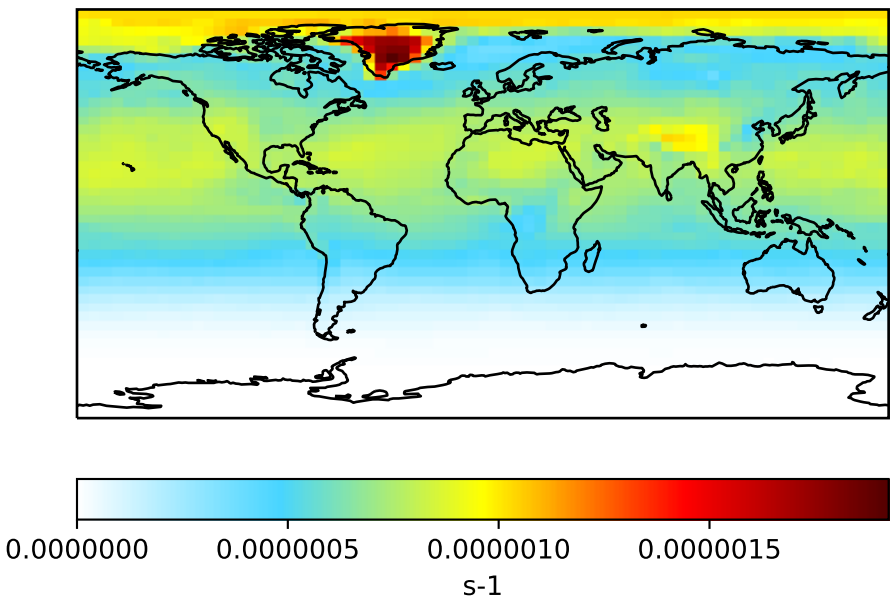


Ratio
Dev/Ref, Fixed Range

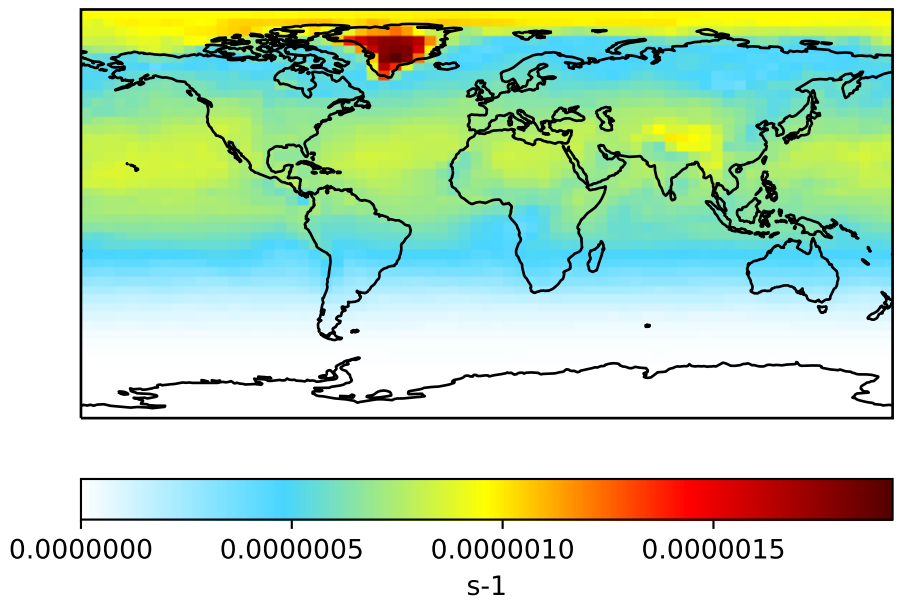


Jval_MONITU (Jul2019)

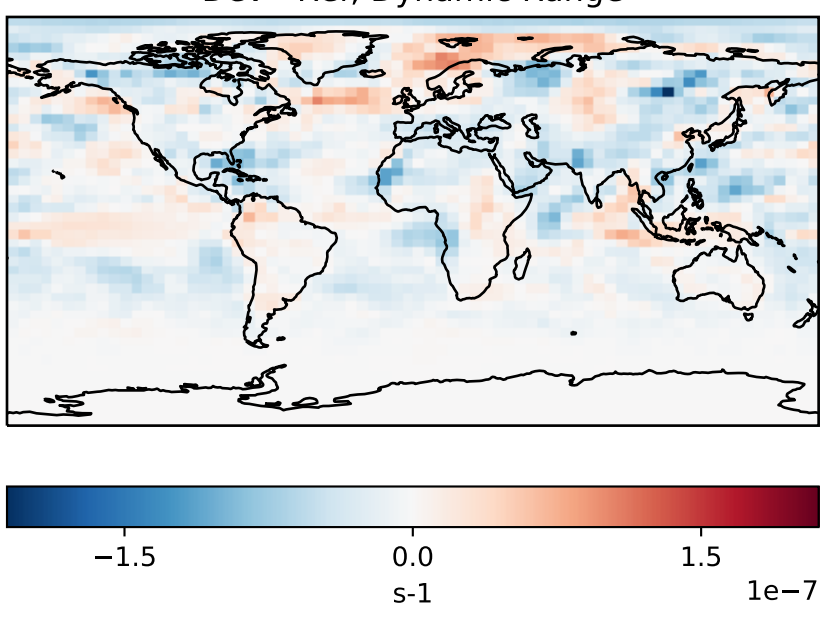
GCC_12.9.0 (Ref)
4.0x5.0



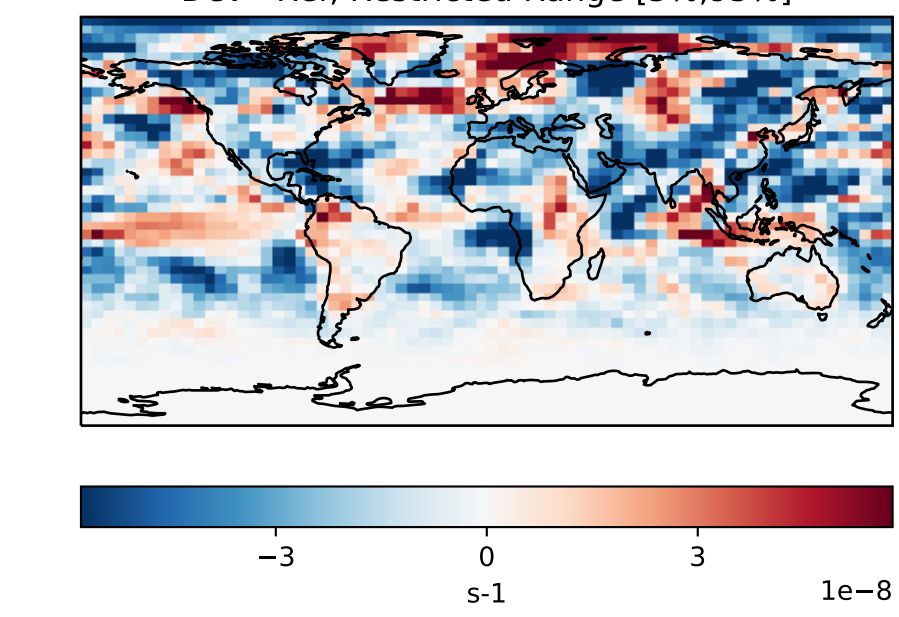
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



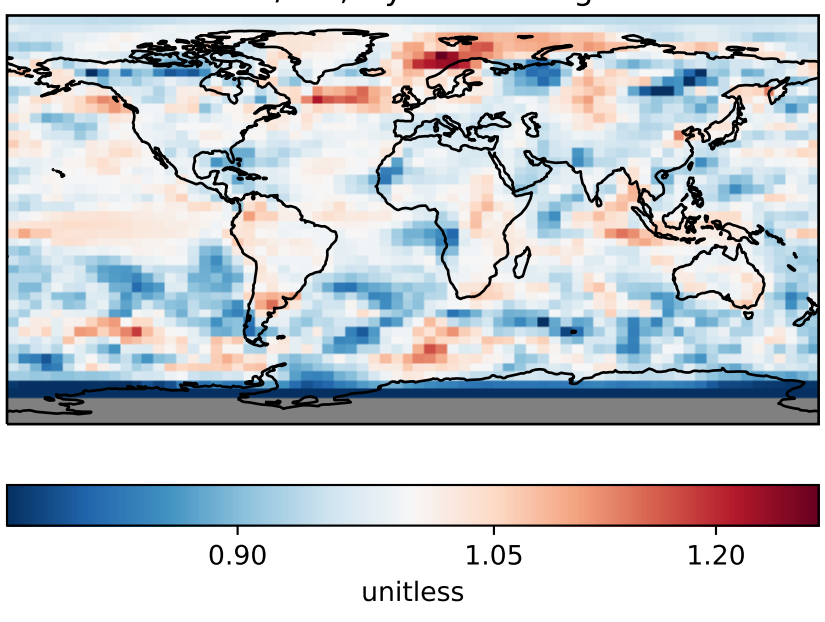
Difference
Dev - Ref, Dynamic Range



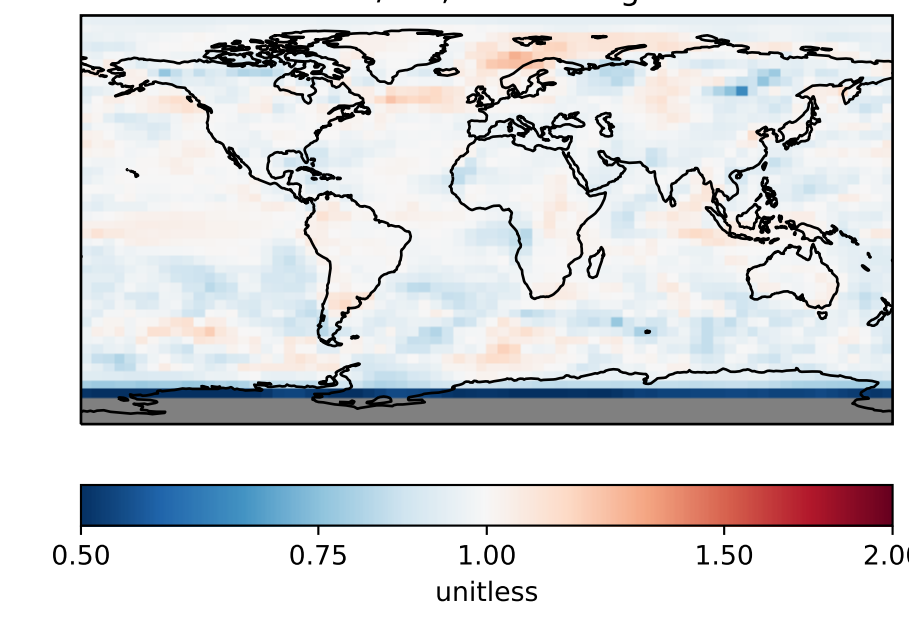
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

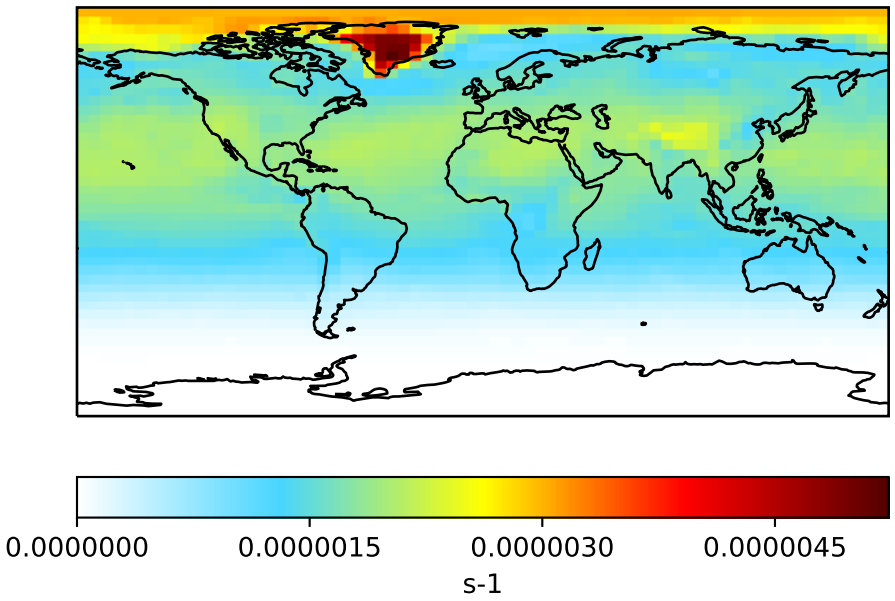


Ratio
Dev/Ref, Fixed Range

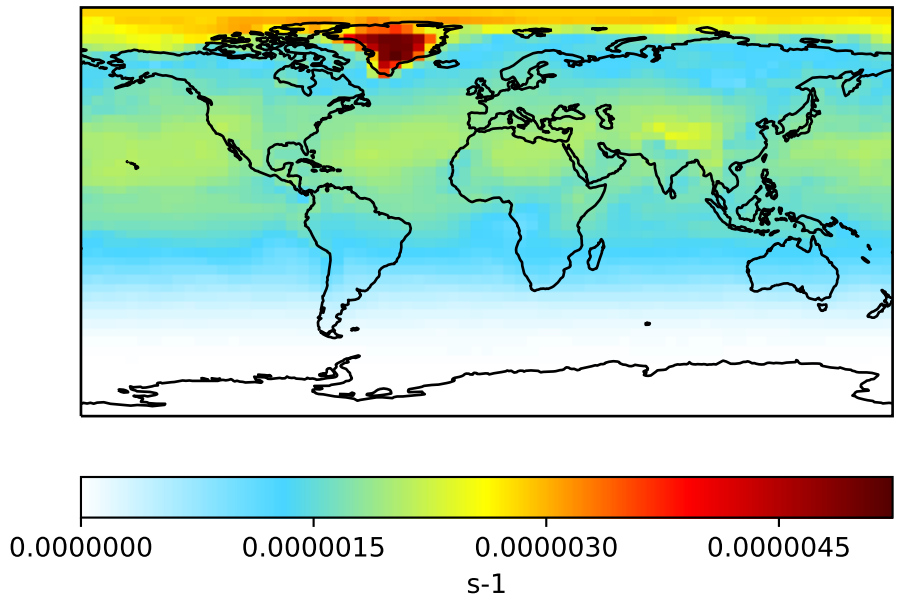


Jval_MP (Jul2019)

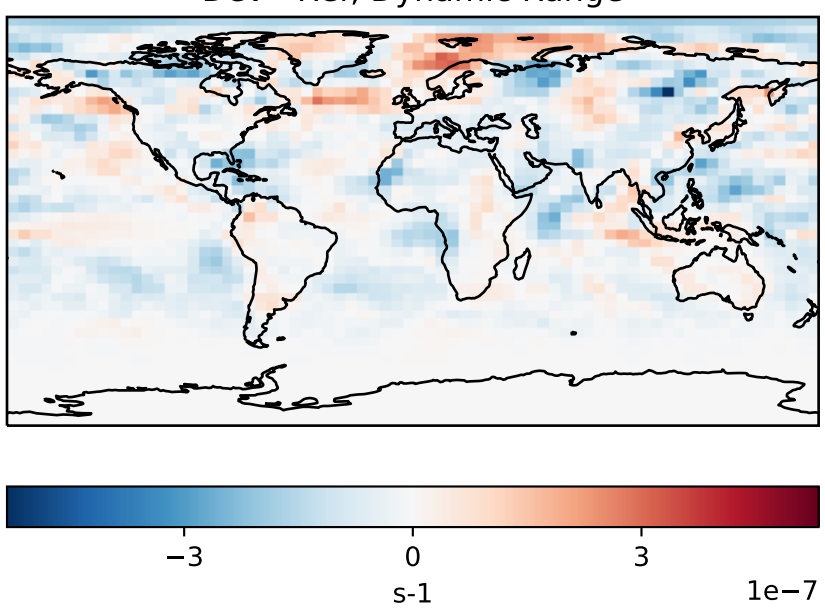
GCC_12.9.0 (Ref)
4.0x5.0



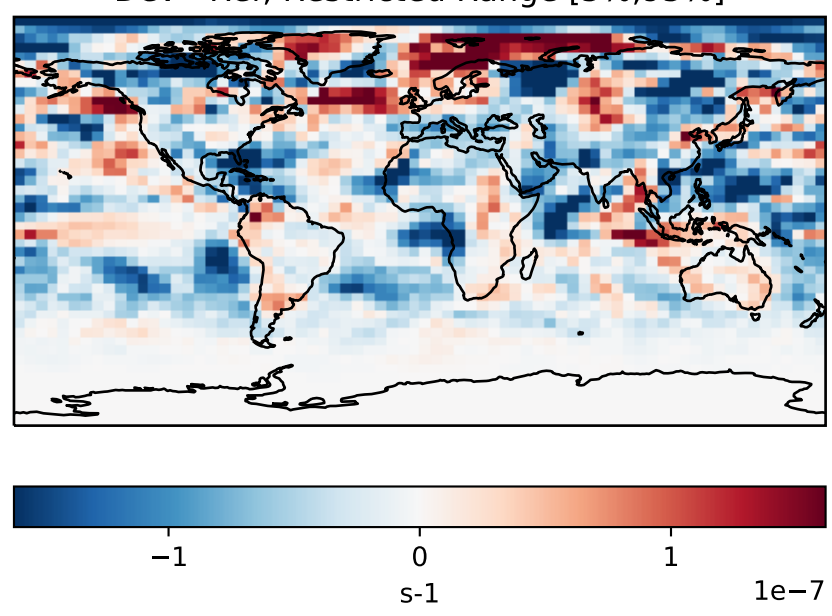
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



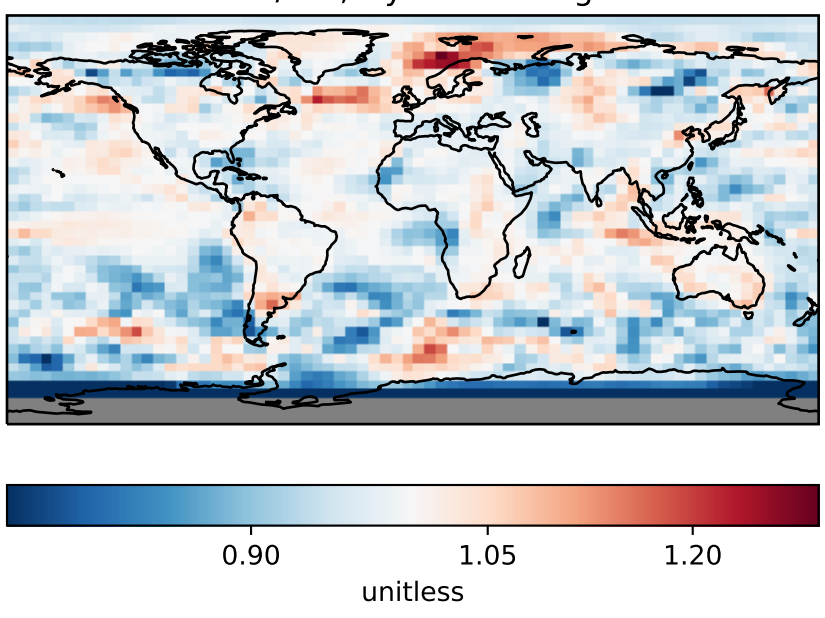
Difference
Dev - Ref, Dynamic Range



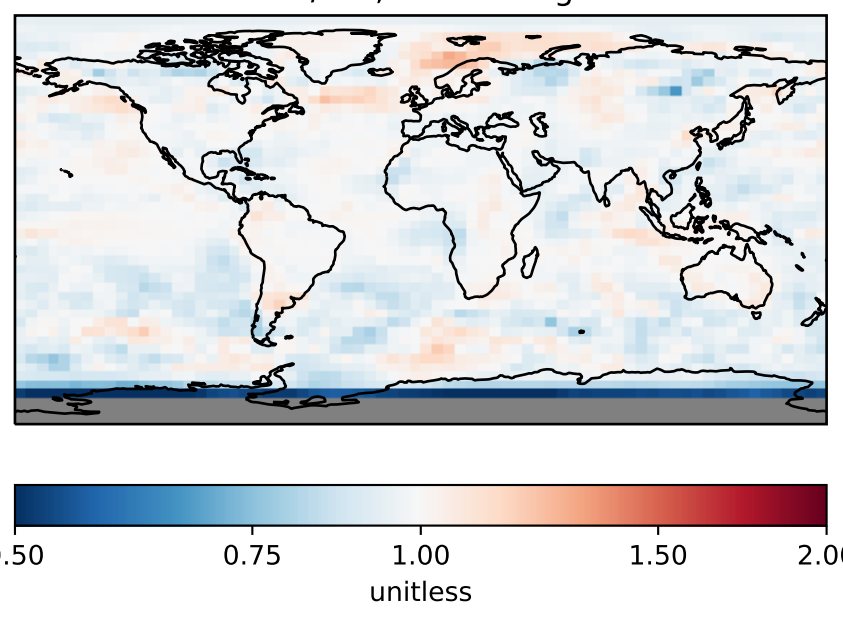
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

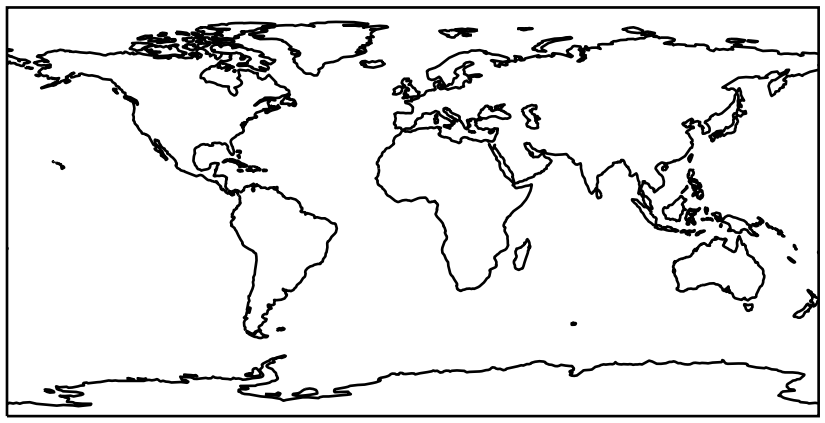


Ratio
Dev/Ref, Fixed Range



Jval_MPAN (Jul2019)

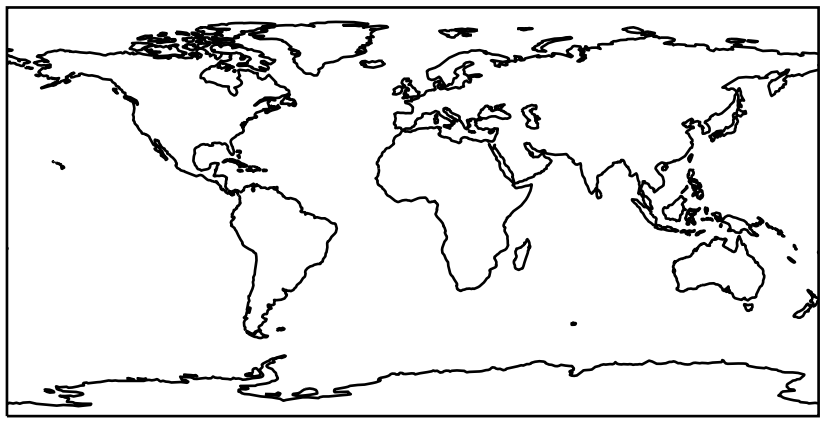
GCC_12.9.0 (Ref)
4.0x5.0





Zero throughout domain
s-1

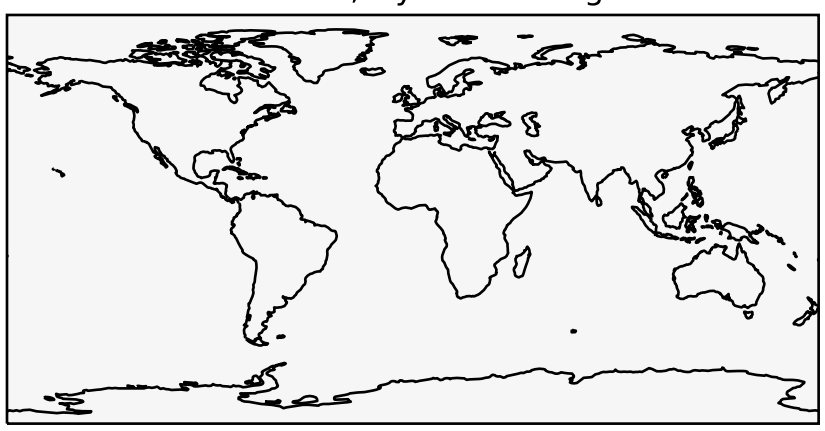
GCC_13.0.0-beta.1 (Dev)
4.0x5.0





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s-1

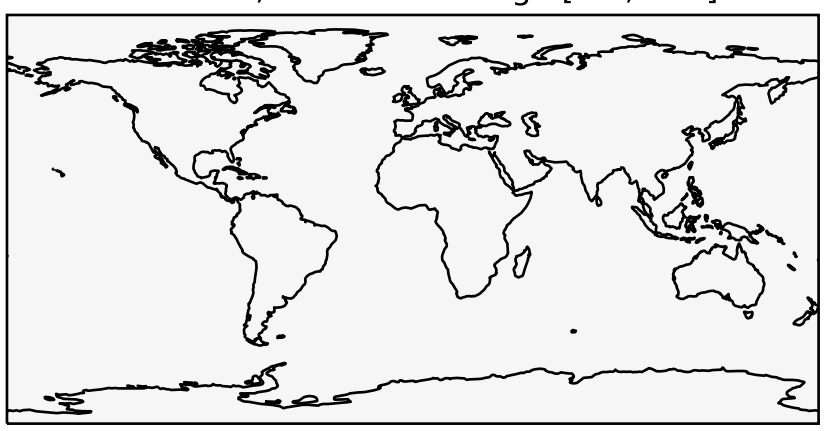
Difference
Dev - Ref, Dynamic Range





Zero throughout domain
s-1

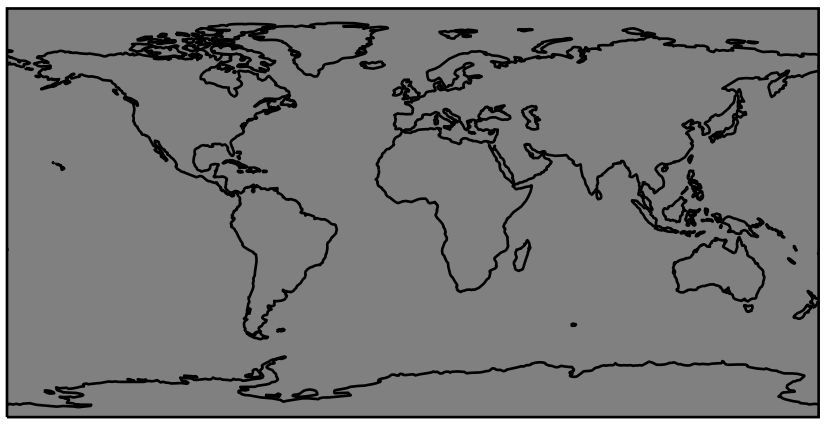
Difference
Dev - Ref, Restricted Range [5%,95%]





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s-1

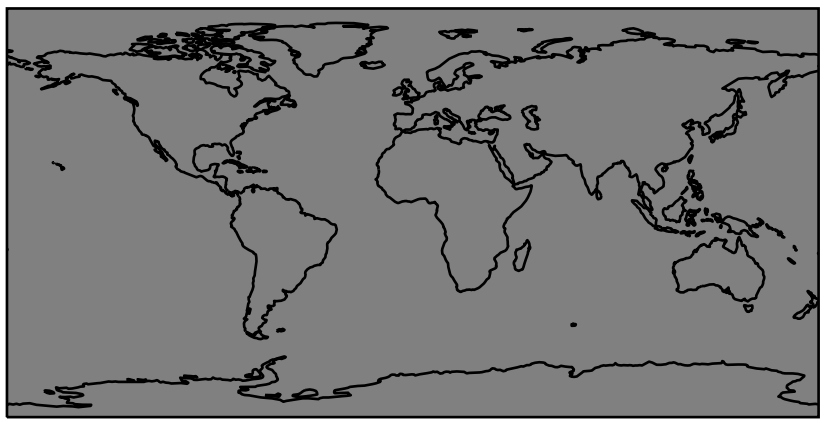
Ratio
Dev/Ref, Dynamic Range





Undefined throughout domain
unitless

Ratio
Dev/Ref, Fixed Range

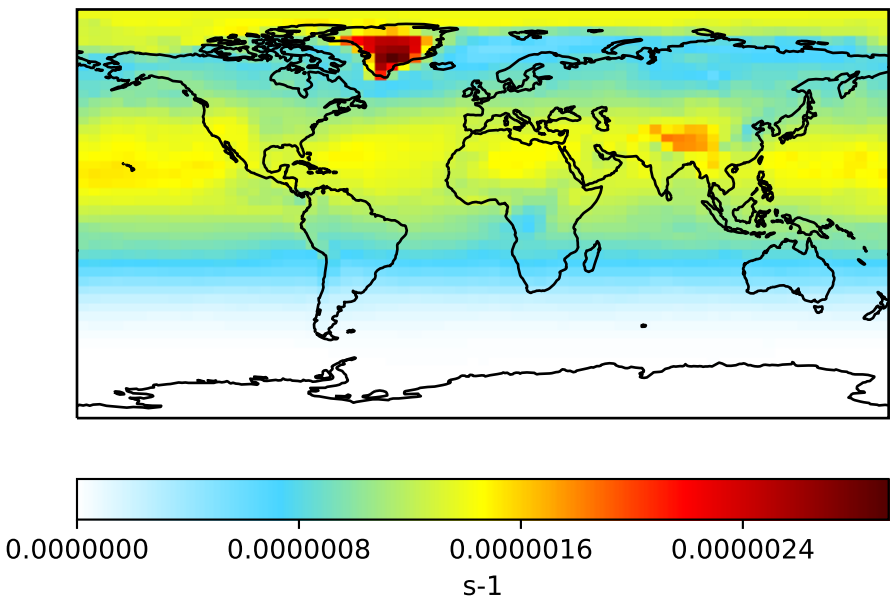




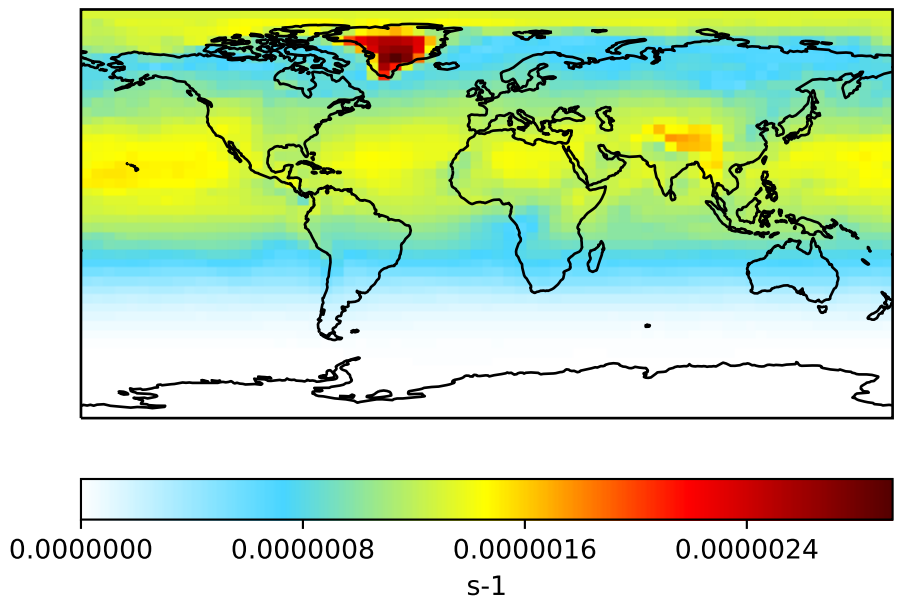
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Jval_MPN (Jul2019)

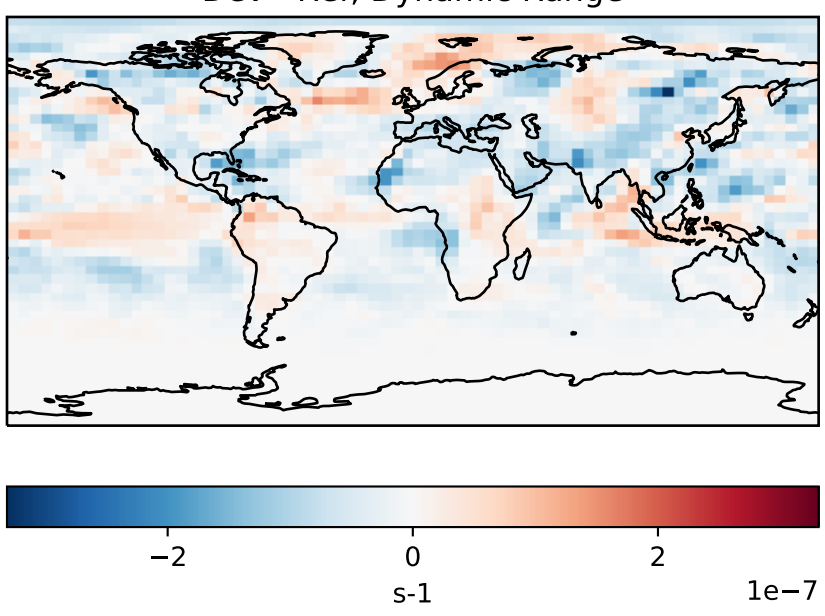
GCC_12.9.0 (Ref)
4.0x5.0



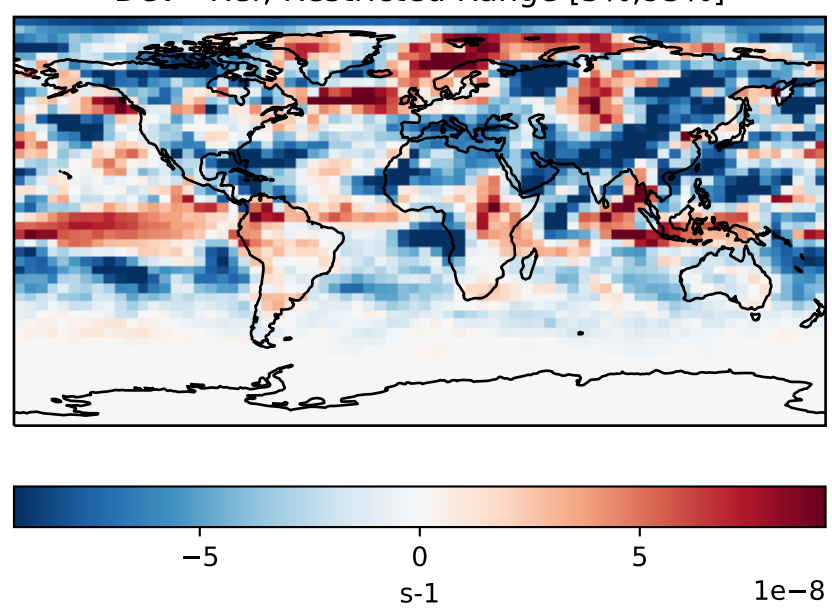
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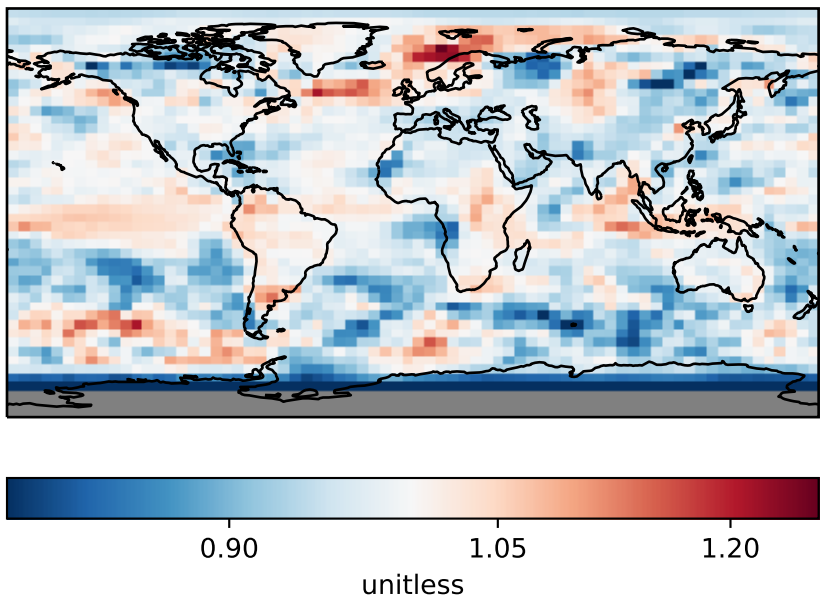
Difference
Dev - Ref, Dynamic Range



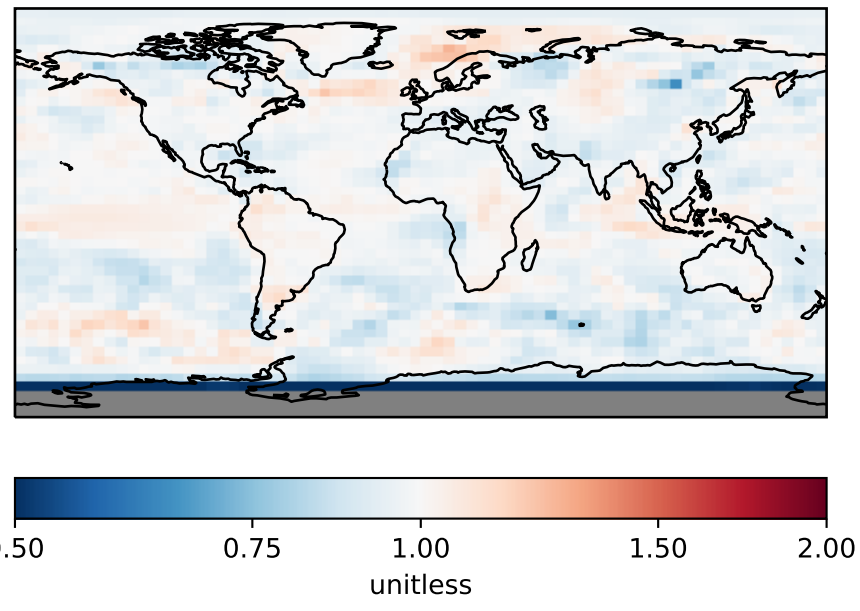
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

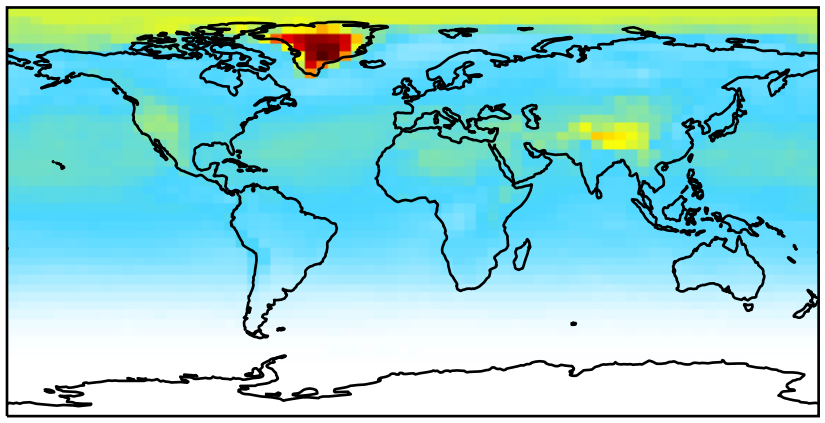


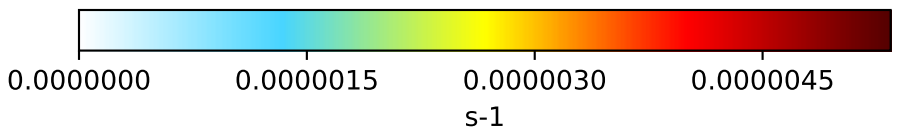
Ratio
Dev/Ref, Fixed Range



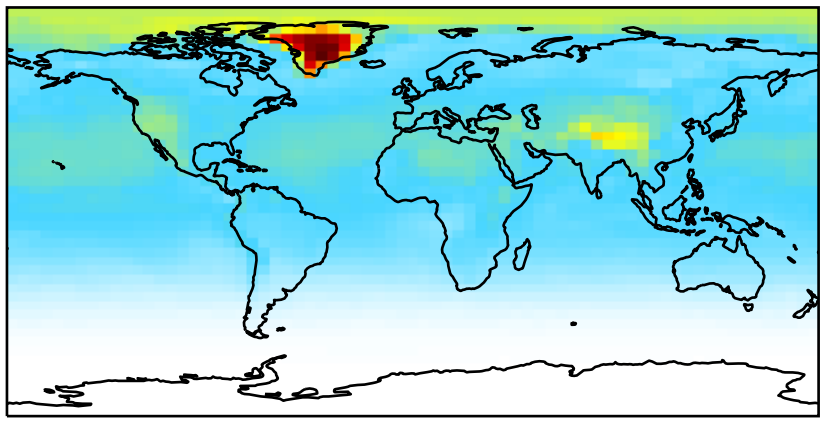
Jval_MVK (Jul2019)

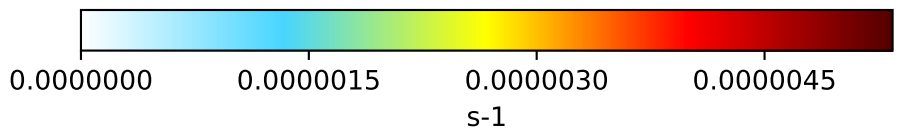
GCC_12.9.0 (Ref)
4.0x5.0



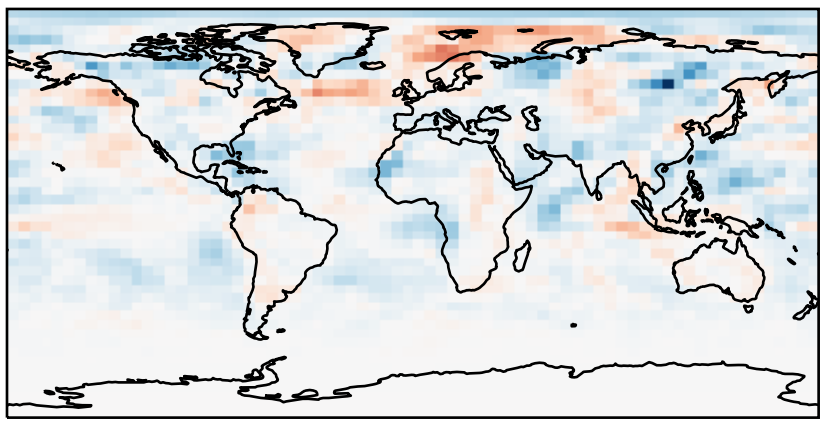


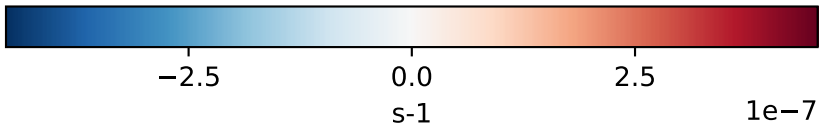
GCC_13.0.0-beta.1 (Dev)
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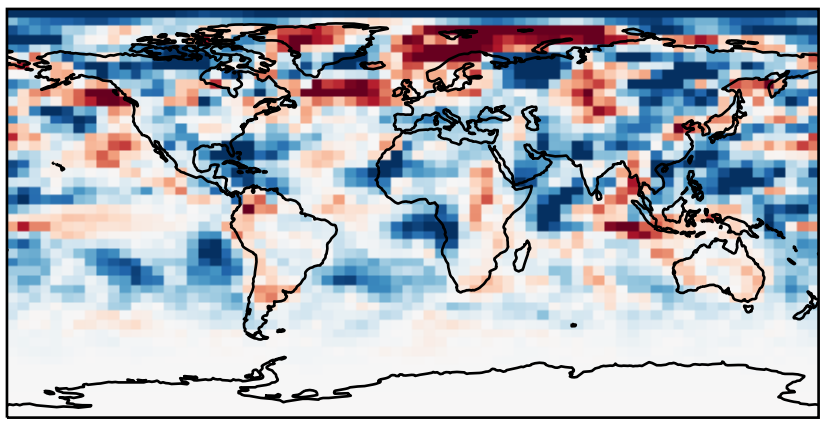


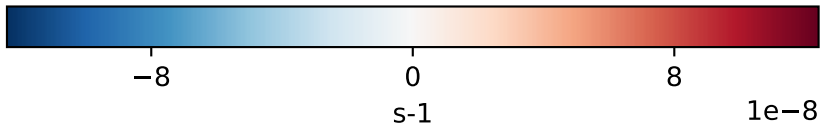
Difference
Dev - Ref, Dynamic Range



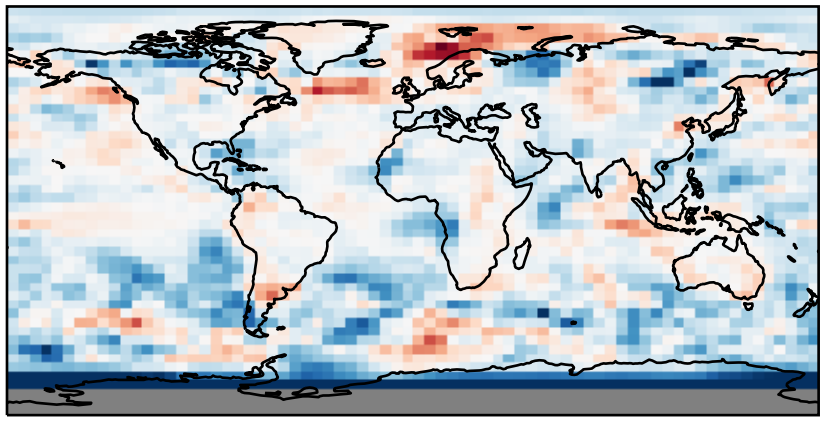


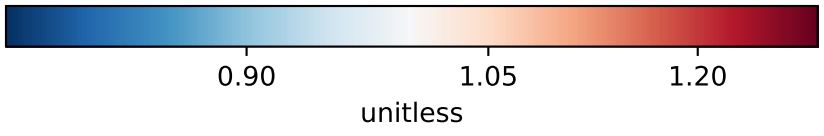
Difference
Dev - Ref, Restricted Range [5%,95%]



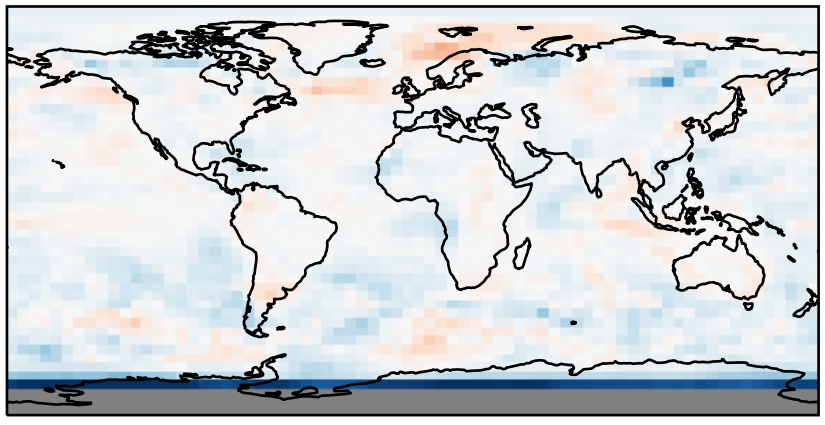


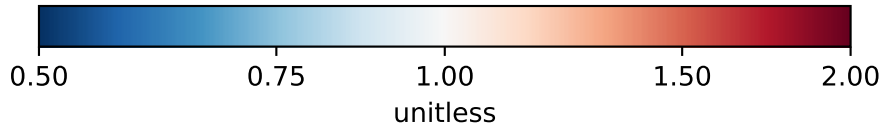
Ratio
Dev/Ref, Dynamic Range





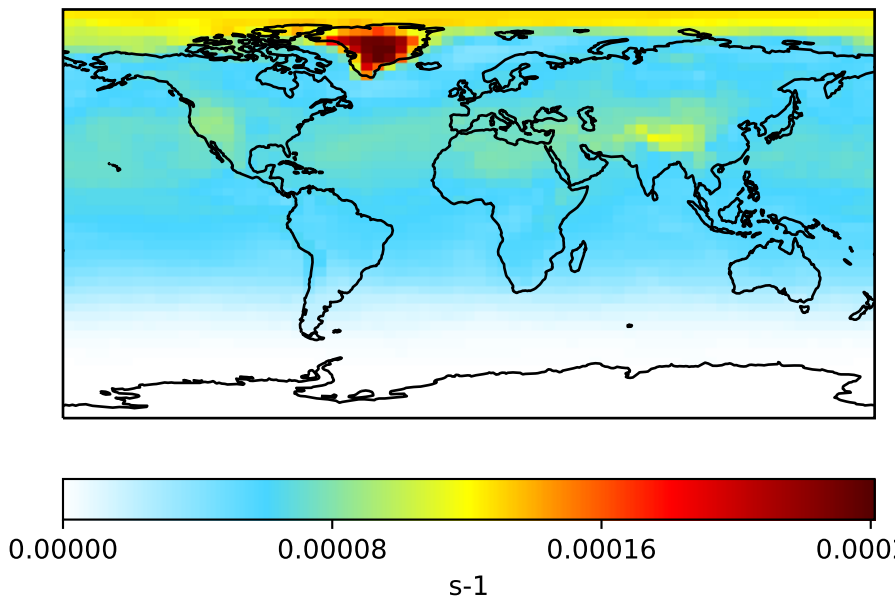
Ratio
Dev/Ref, Fixed Range



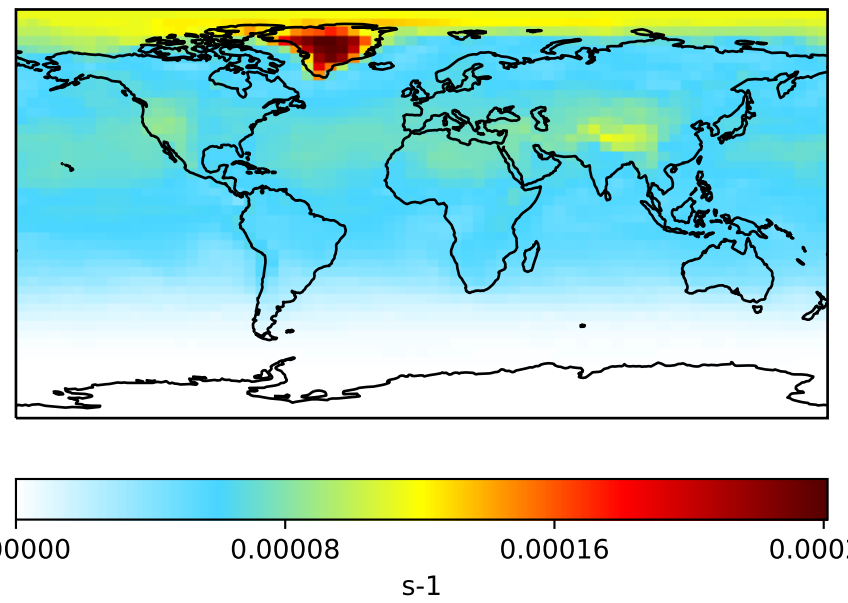


Jval_MVKHC (Jul2019)

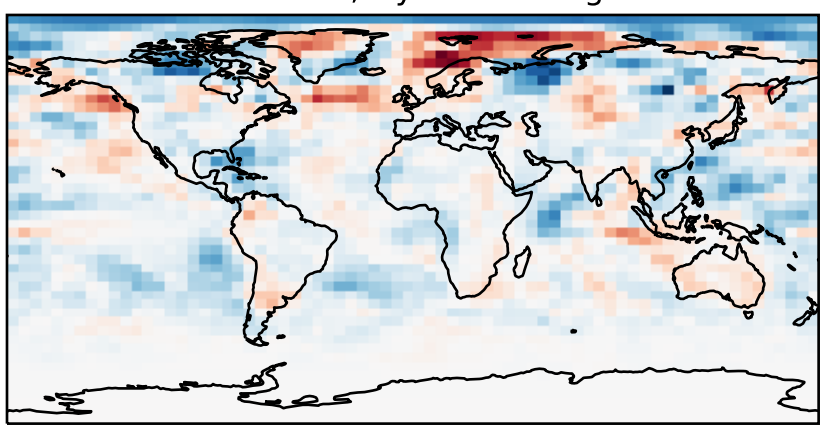
GCC_12.9.0 (Ref)
4.0x5.0

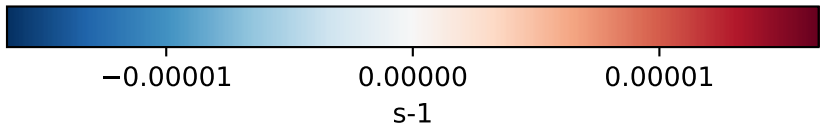


GCC_13.0.0-beta.1 (Dev)
4.0x5.0

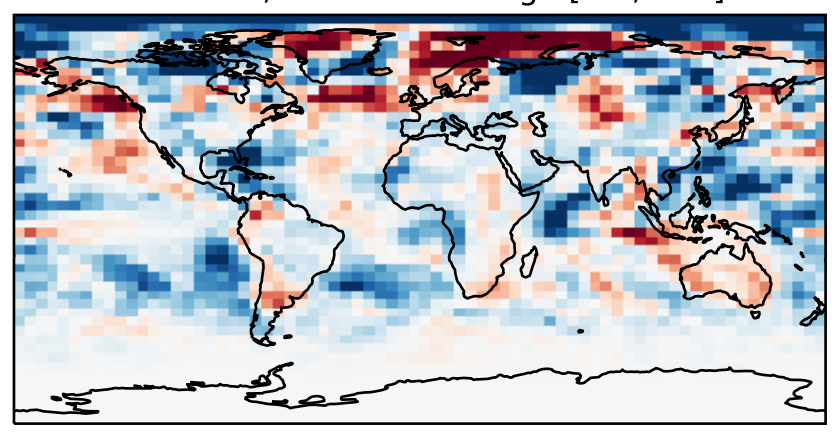


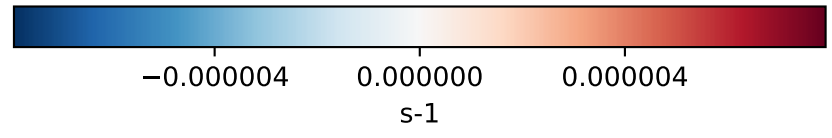
Difference
Dev - Ref, Dynamic Range



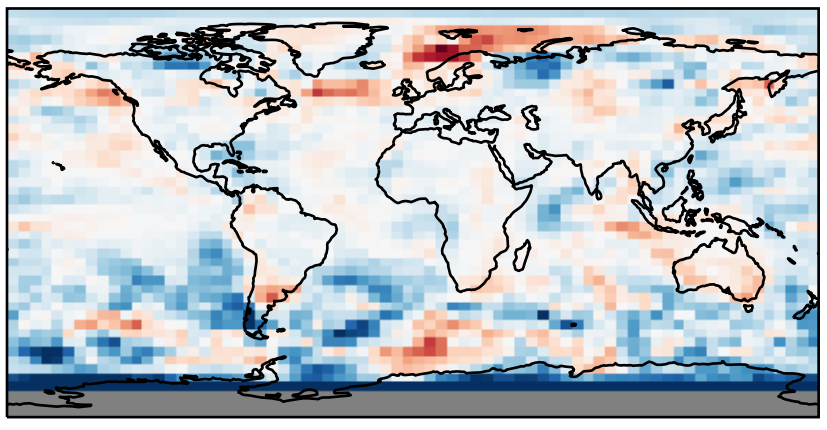


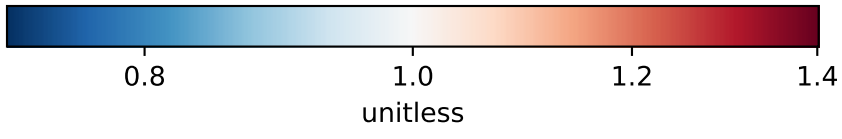
Difference
Dev - Ref, Restricted Range [5%,95%]



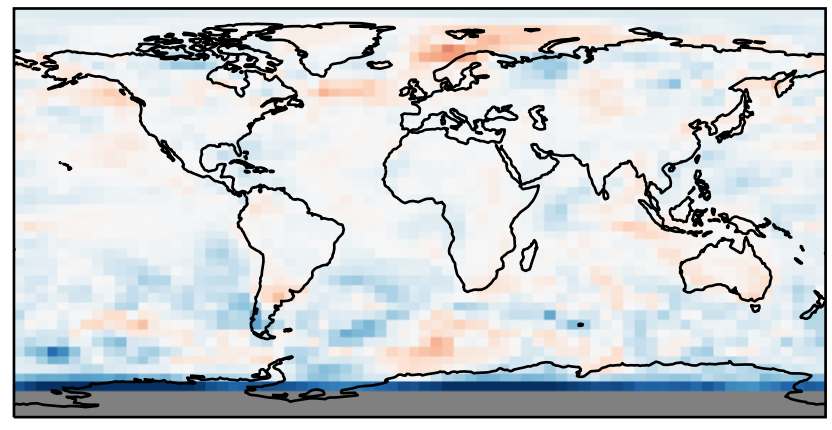


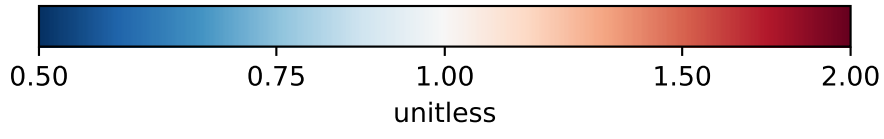
Ratio
Dev/Ref, Dynamic Range





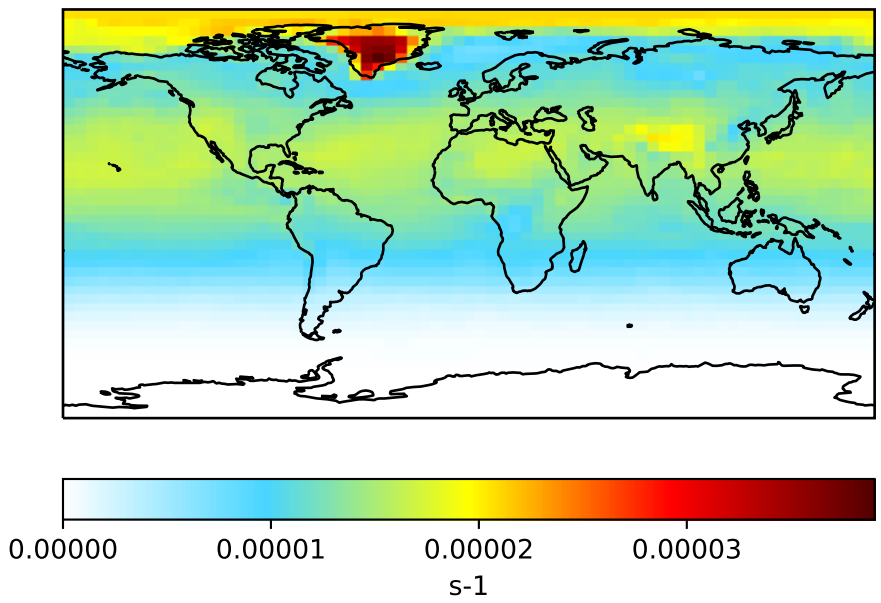
Ratio
Dev/Ref, Fixed Range



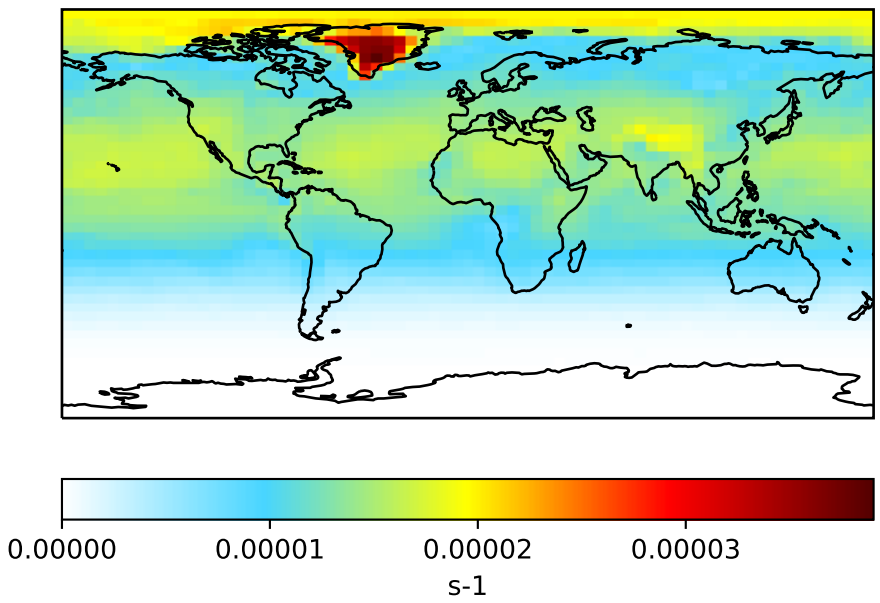


Jval_MVKHCB (Jul2019)

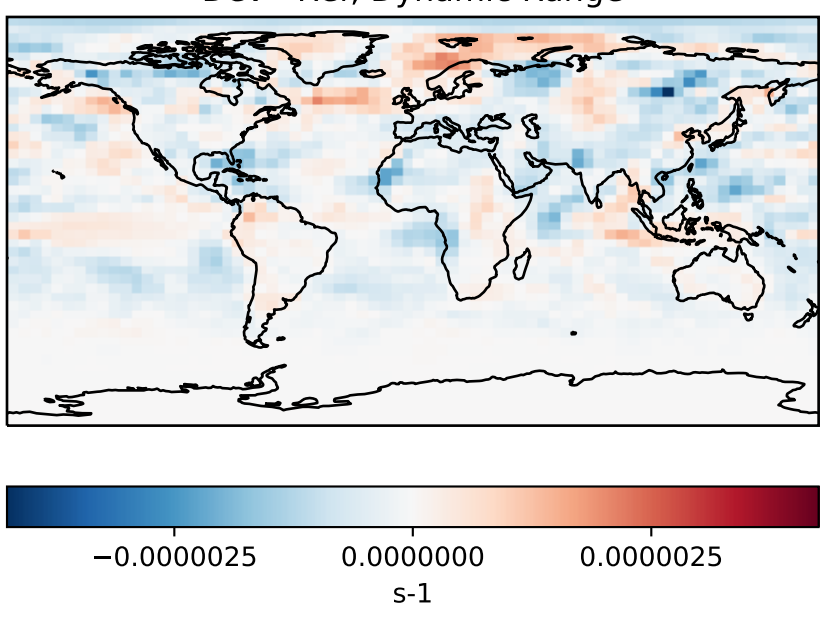
GCC_12.9.0 (Ref)
4.0x5.0



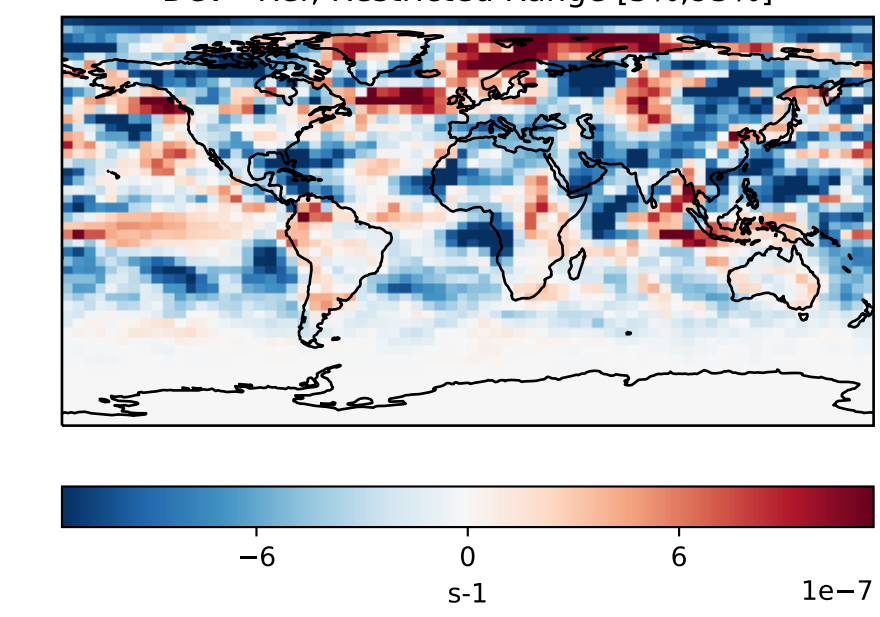
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



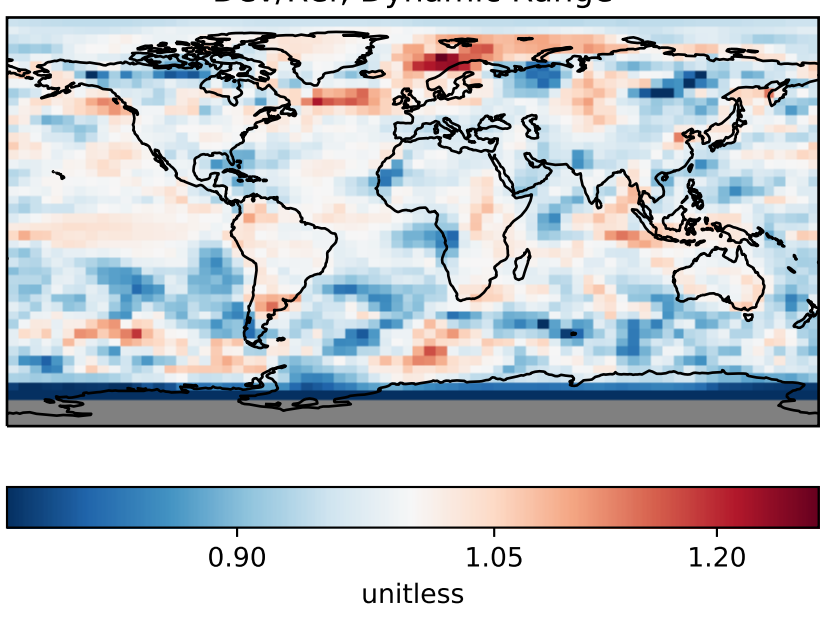
Difference
Dev - Ref, Dynamic Range



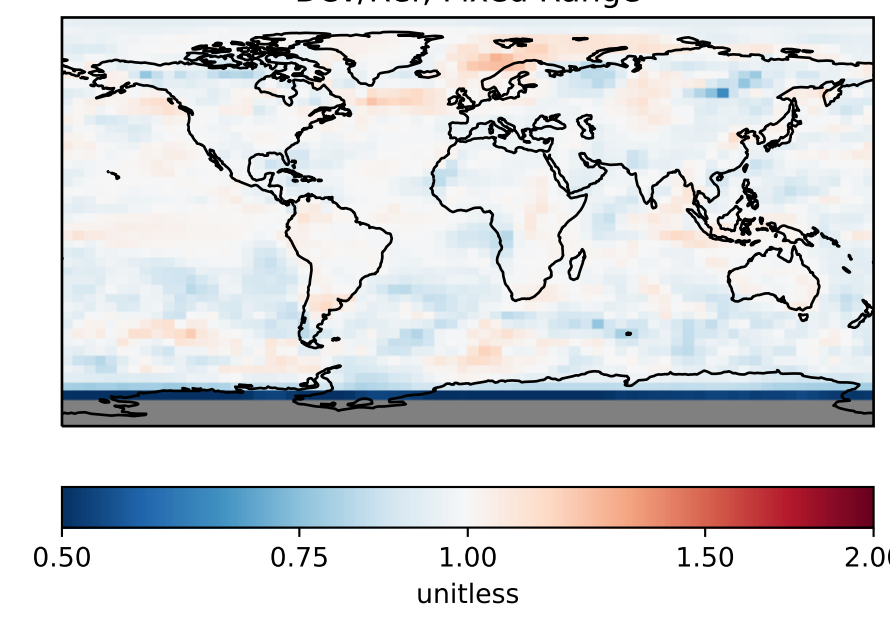
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

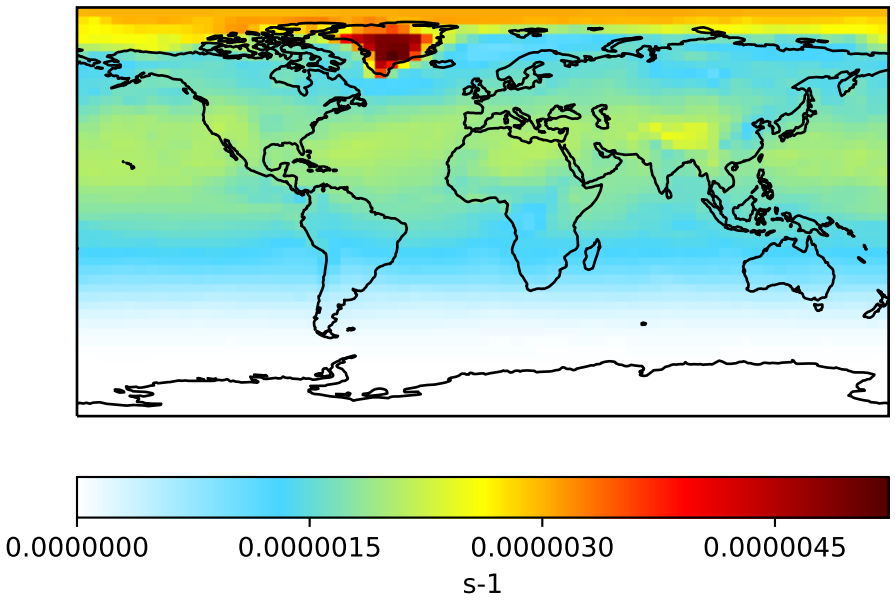


Ratio
Dev/Ref, Fixed Range

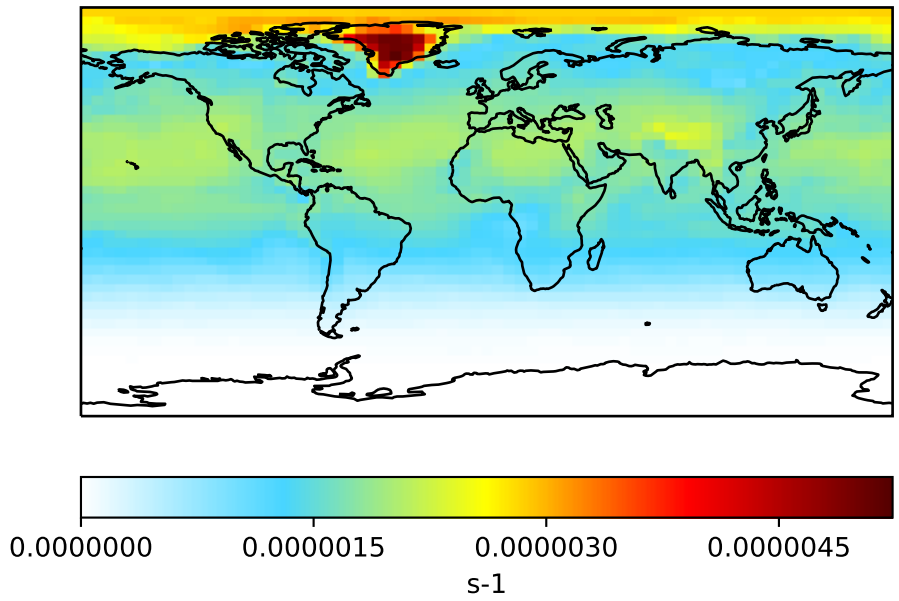


Jval_MVKHP (Jul2019)

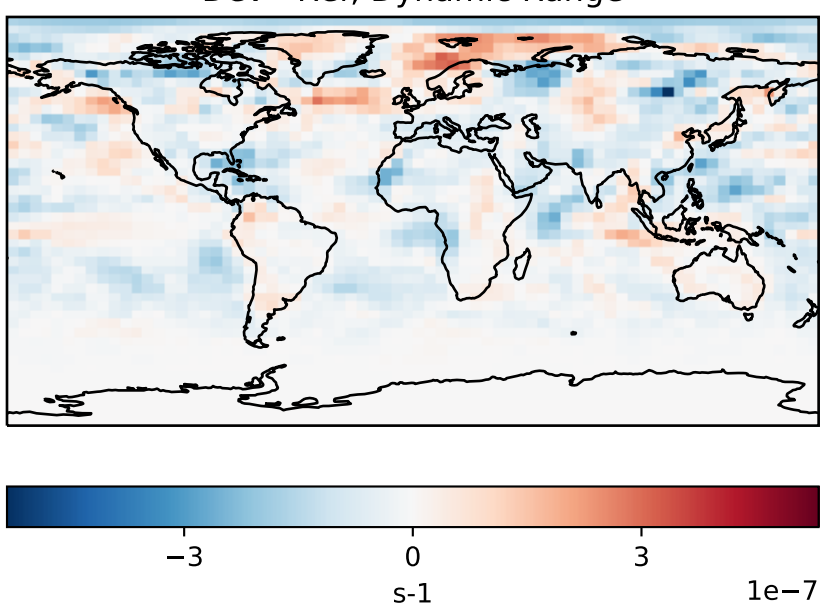
GCC_12.9.0 (Ref)
4.0x5.0



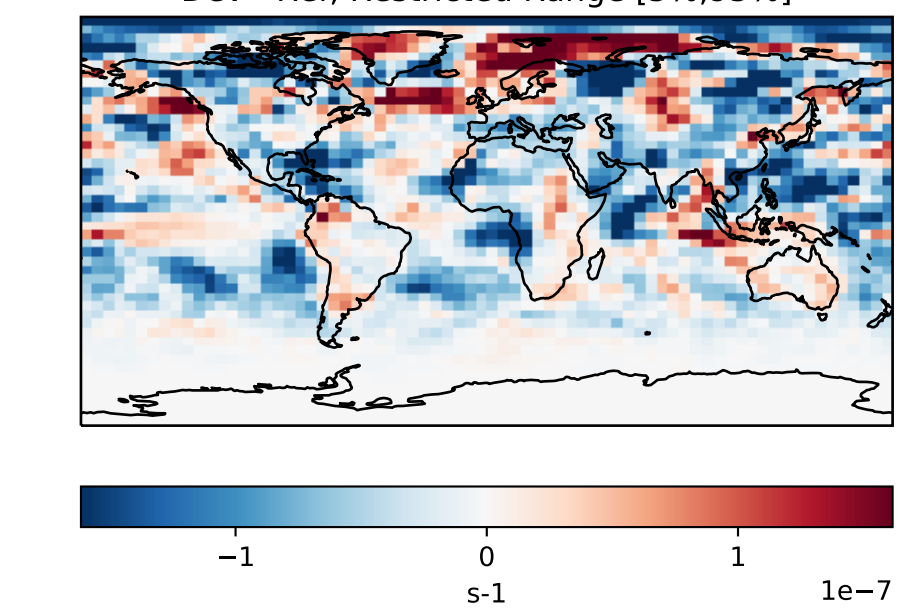
GCC_13.0.0-beta.1 (Dev)
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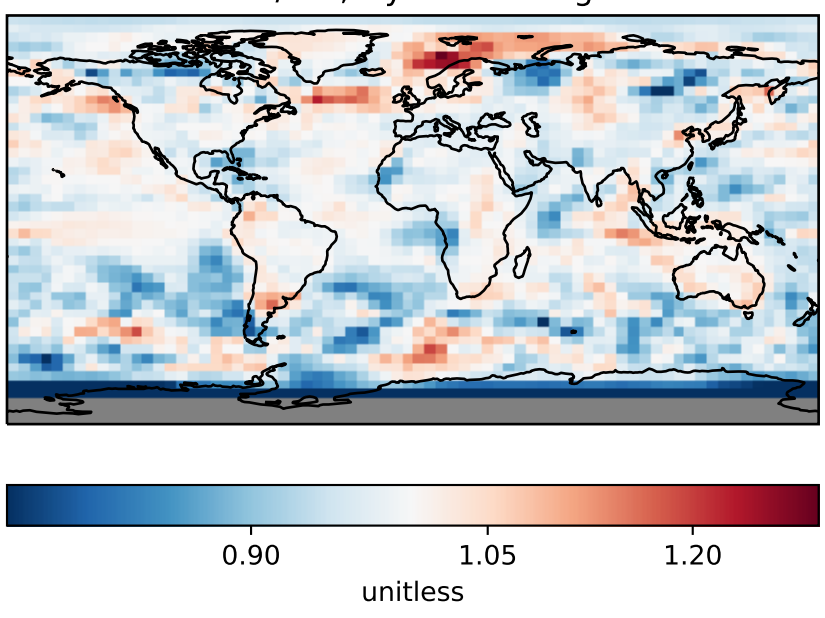
Difference
Dev - Ref, Dynamic Range



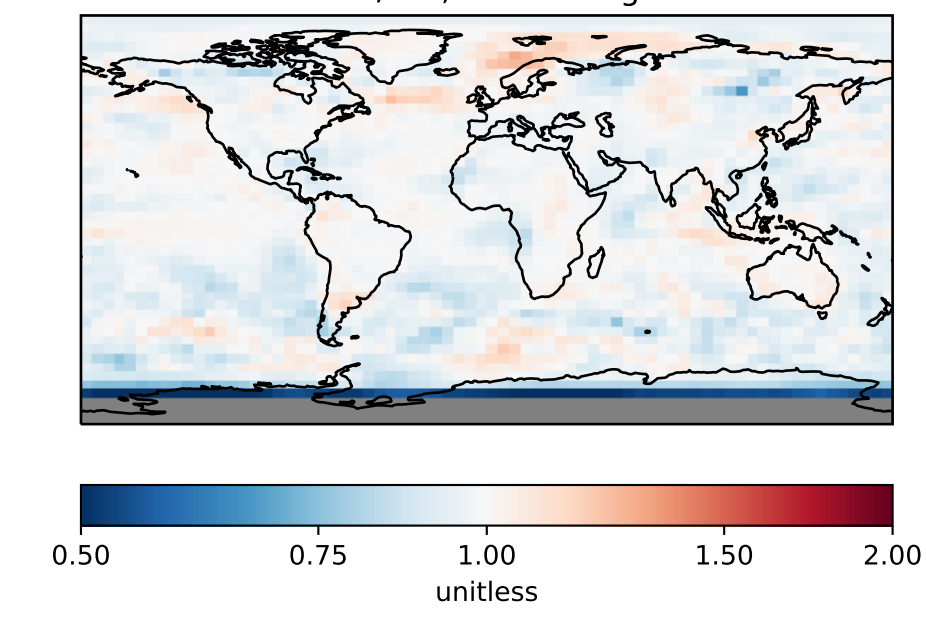
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

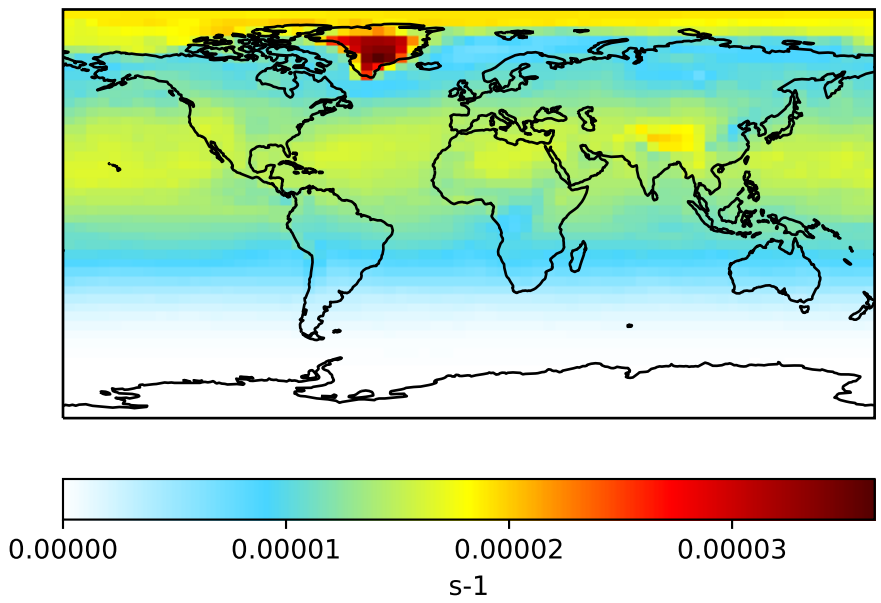


Ratio
Dev/Ref, Fixed Range

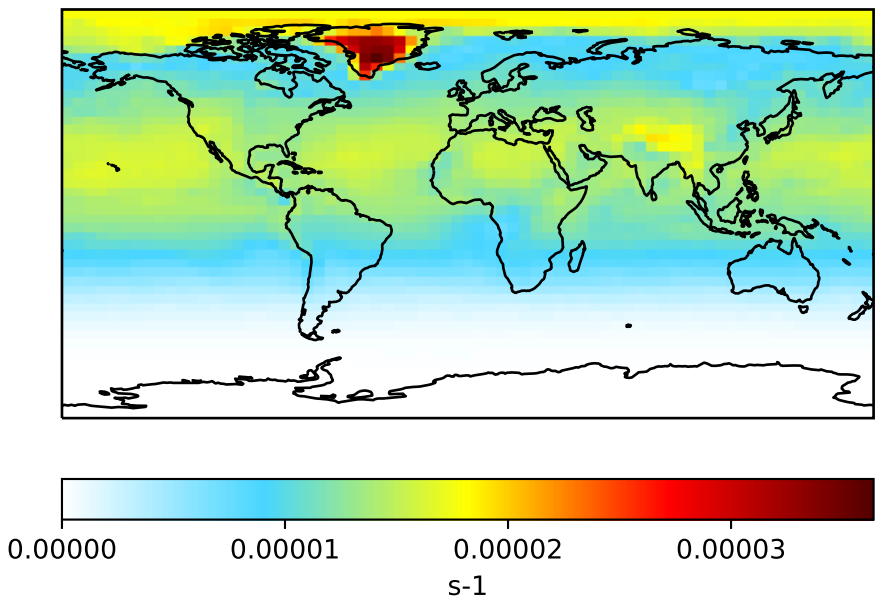


Jval_MVKN (Jul2019)

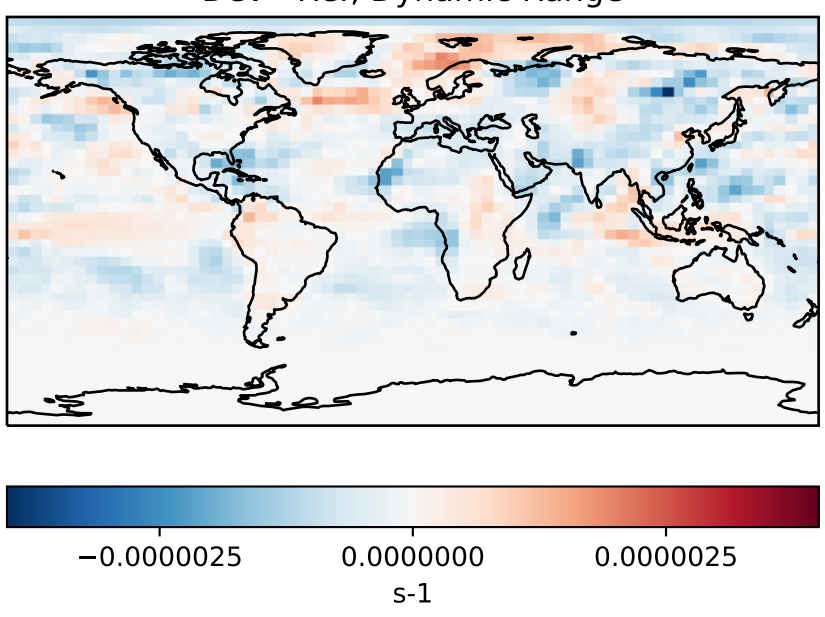
GCC_12.9.0 (Ref)
4.0x5.0



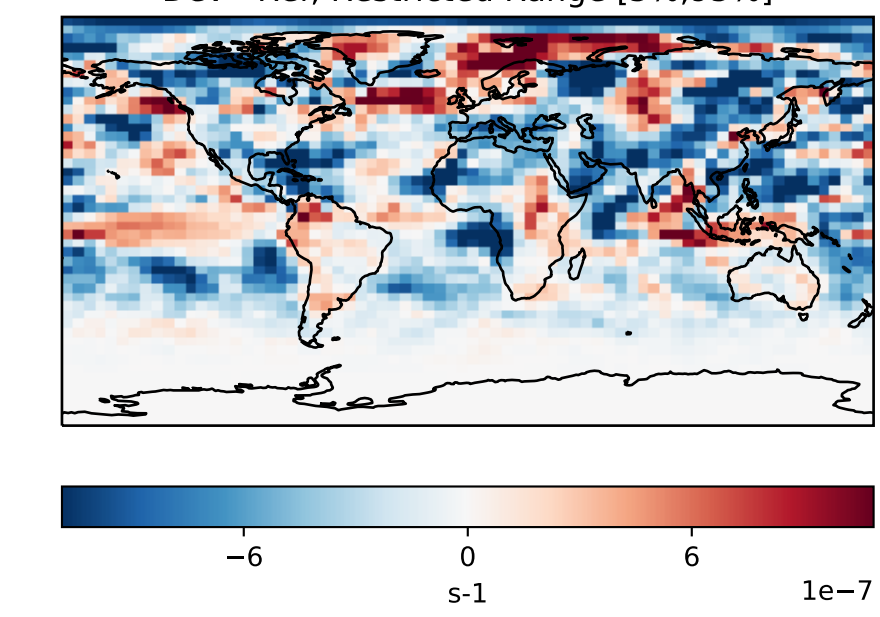
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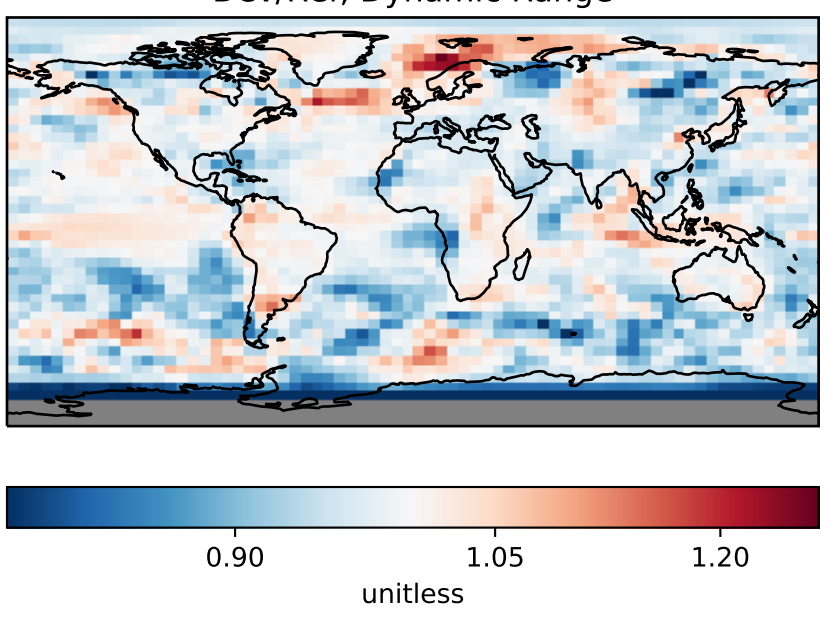
Difference
Dev - Ref, Dynamic Range



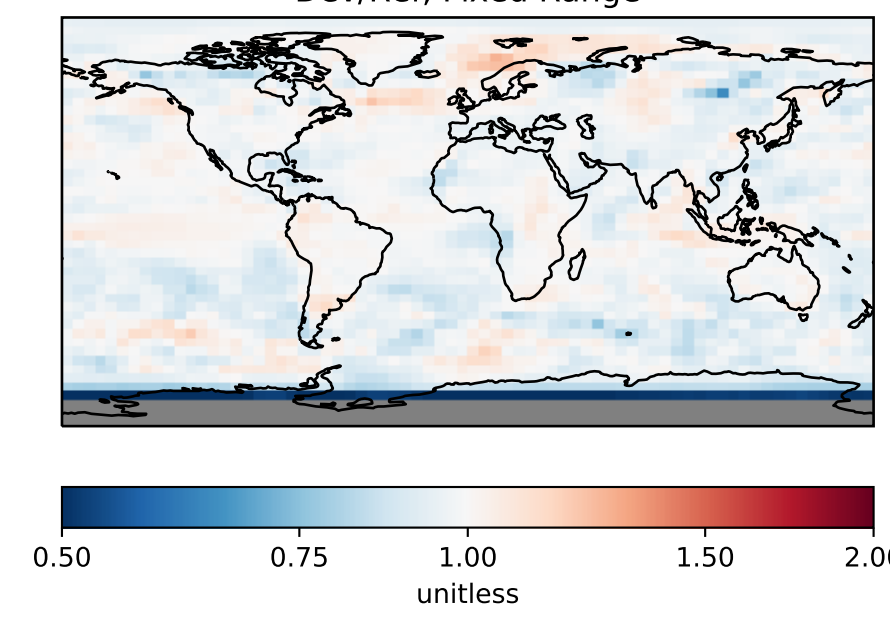
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

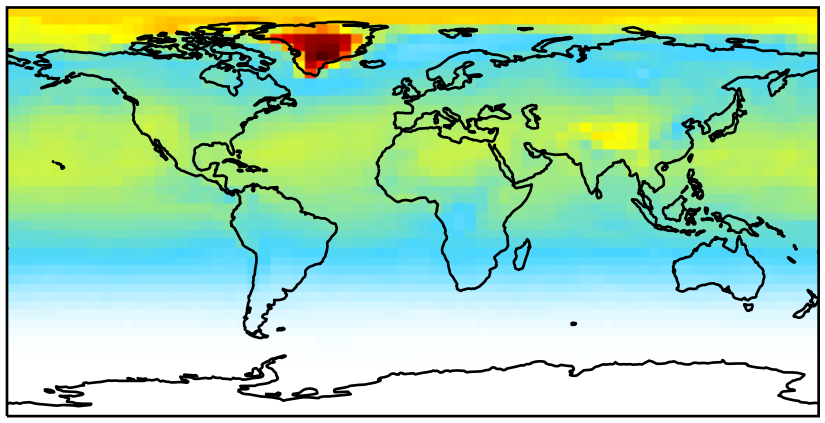


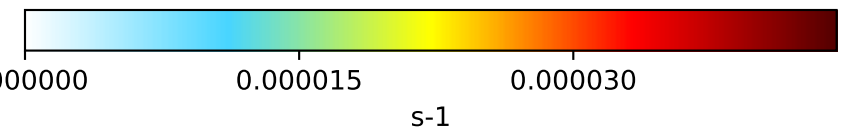
Ratio
Dev/Ref, Fixed Range



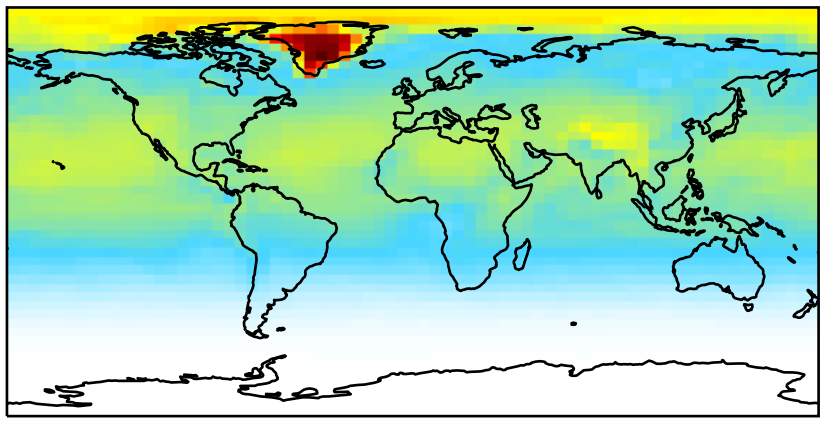
Jval_MVKPC (Jul2019)

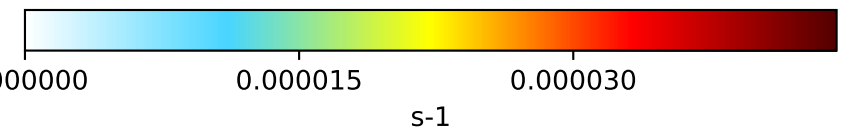
GCC_12.9.0 (Ref)
4.0x5.0



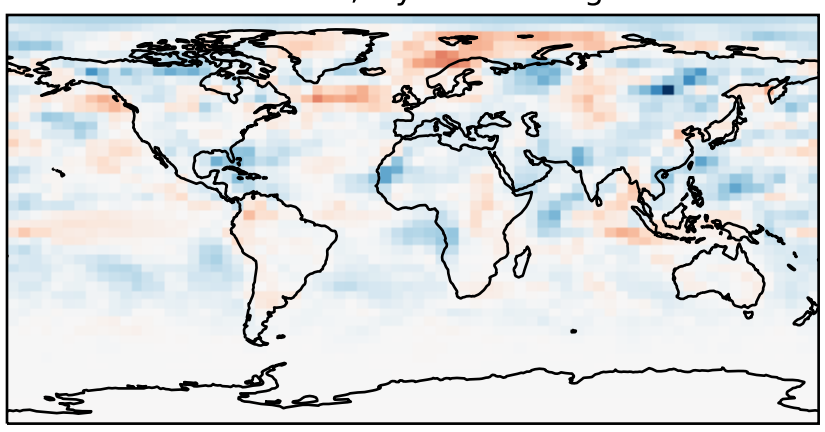


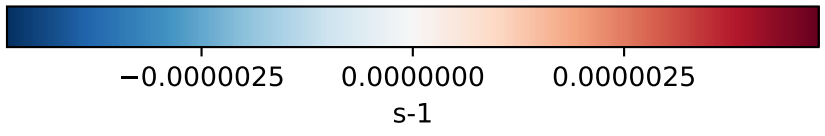
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



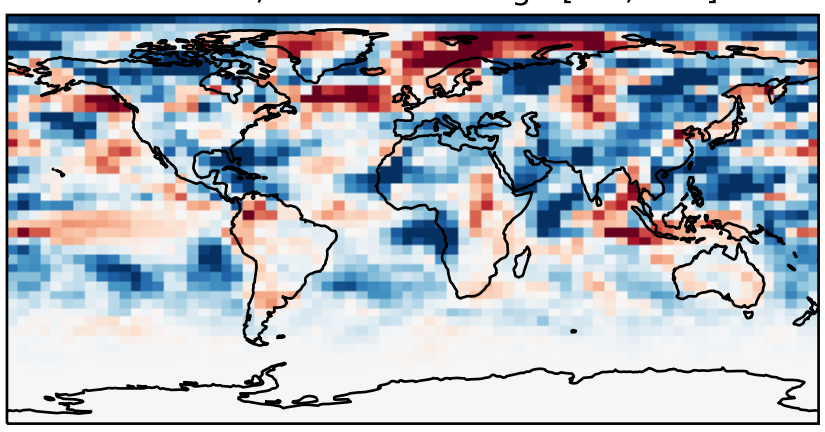


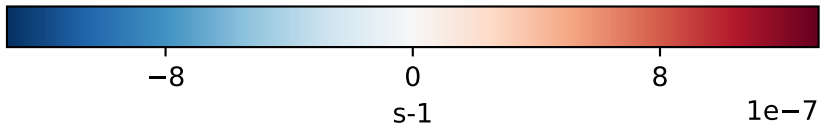
Difference
Dev - Ref, Dynamic Range



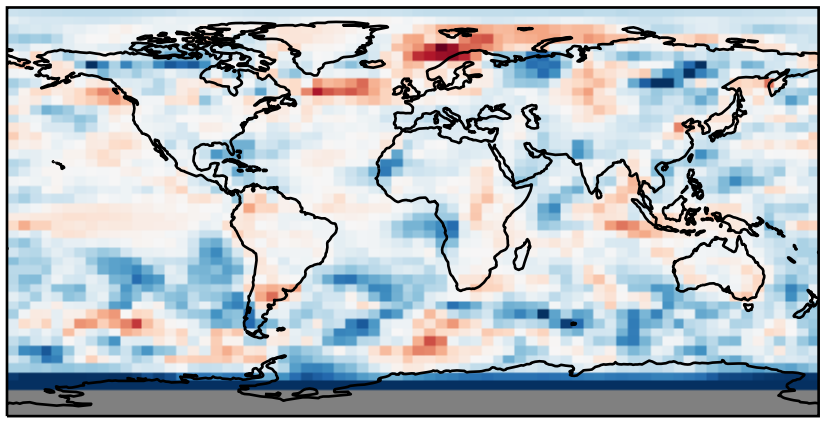


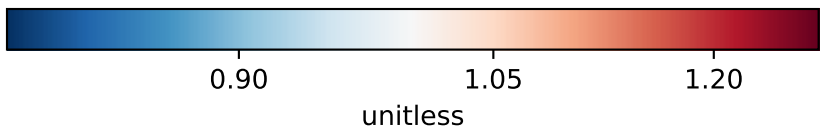
Difference
Dev - Ref, Restricted Range [5%,95%]



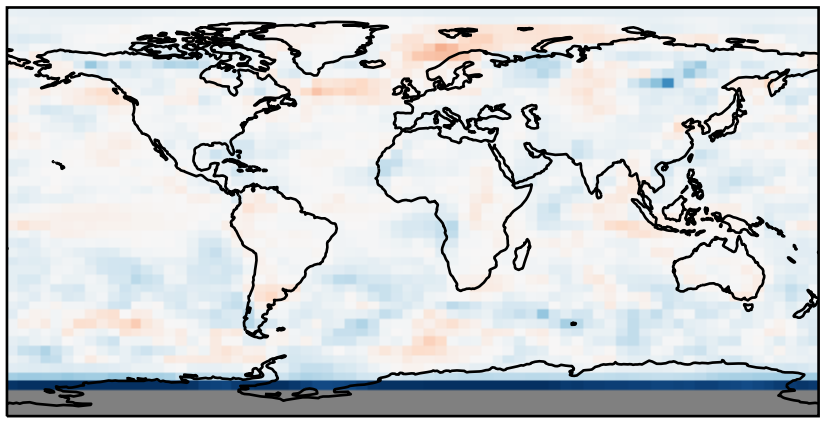


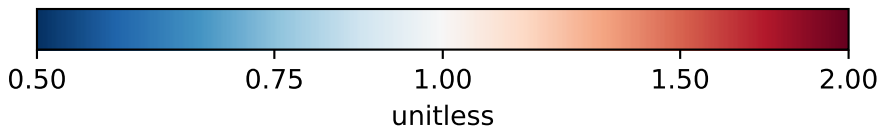
Ratio
Dev/Ref, Dynamic Range





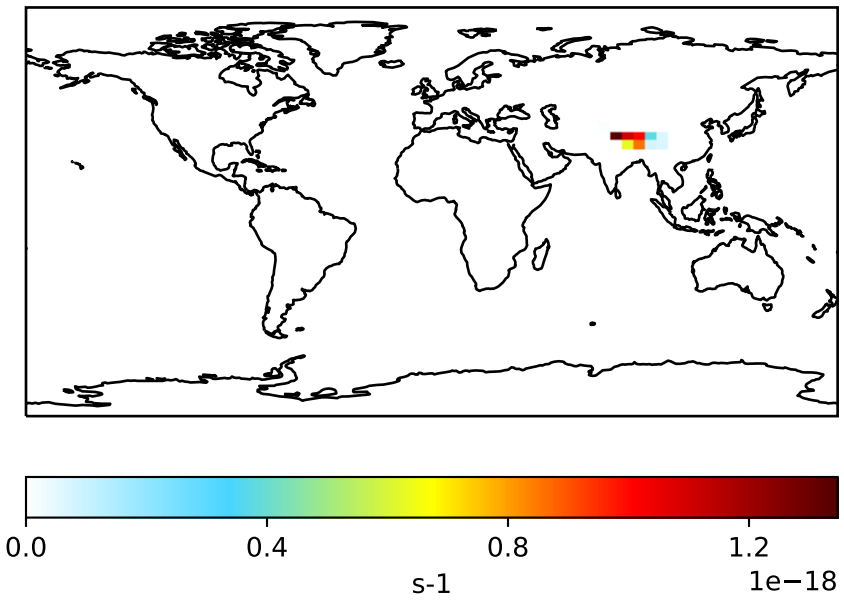
Ratio
Dev/Ref, Fixed Range



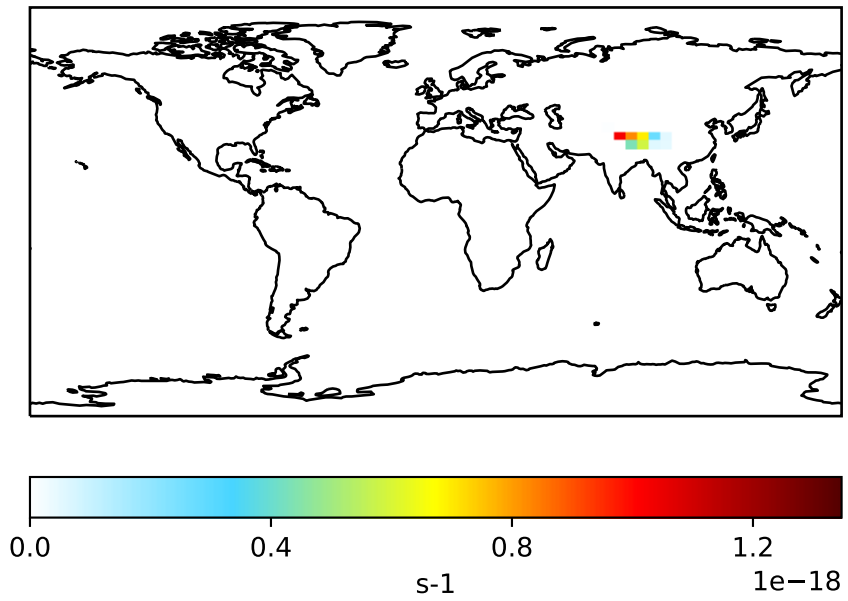


Jval_N2O (Jul2019)

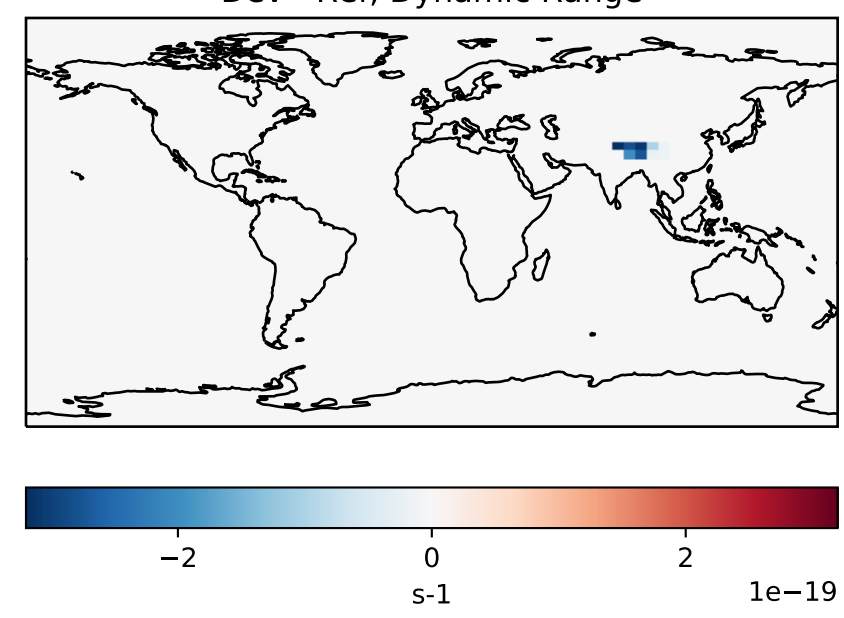
GCC_12.9.0 (Ref)
4.0x5.0



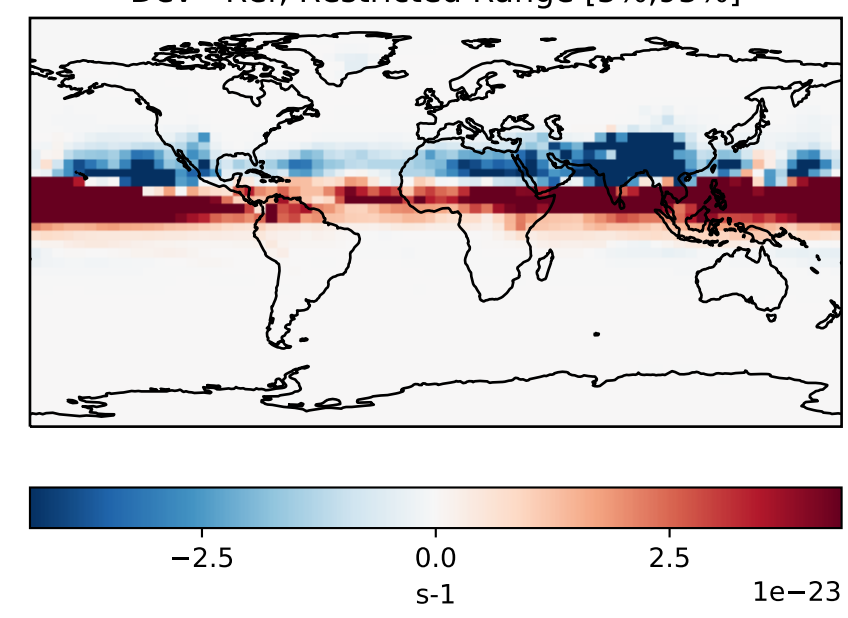
GCC_13.0.0-beta.1 (Dev)
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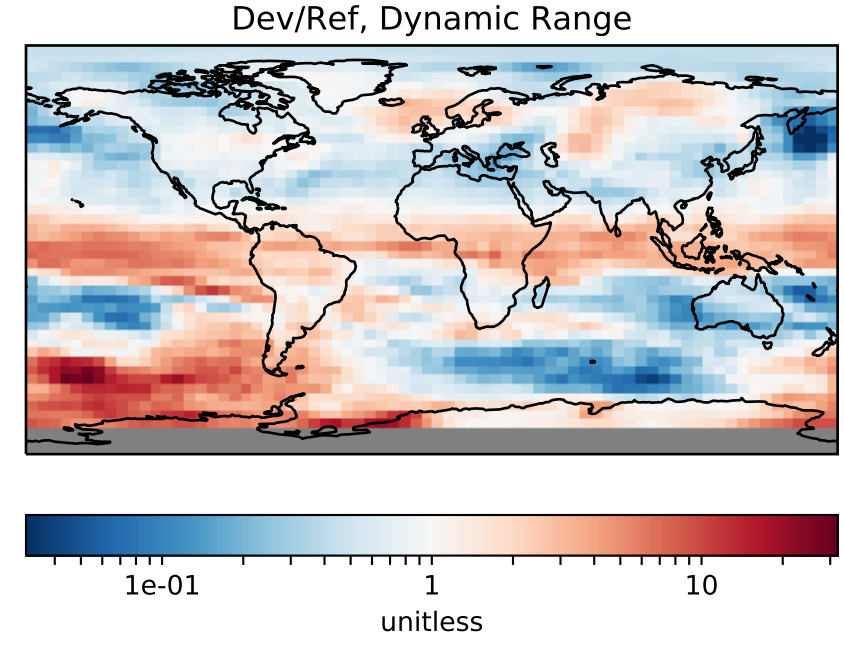
Difference
Dev - Ref, Dynamic Range



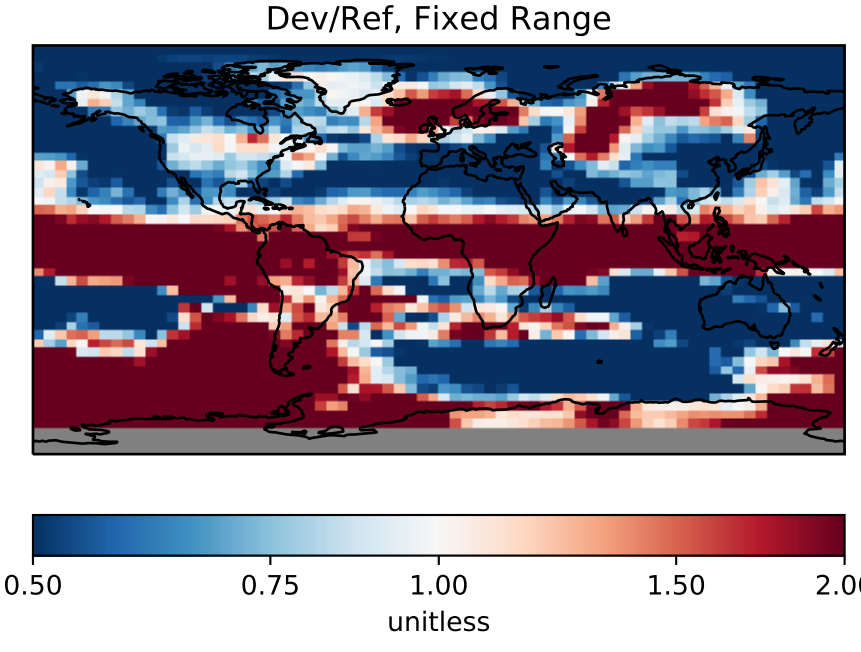
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

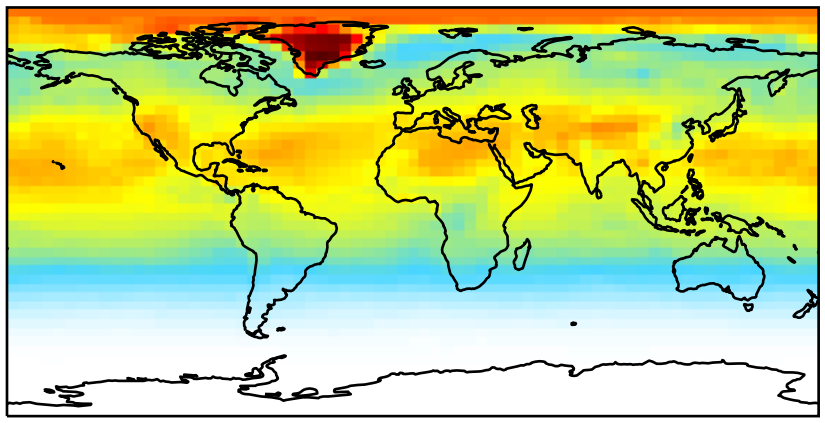


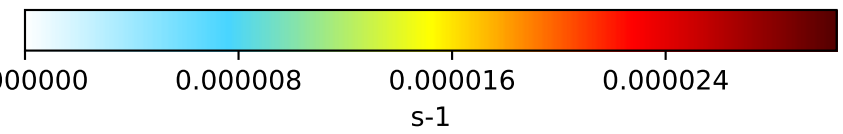
Ratio
Dev/Ref, Fixed Range



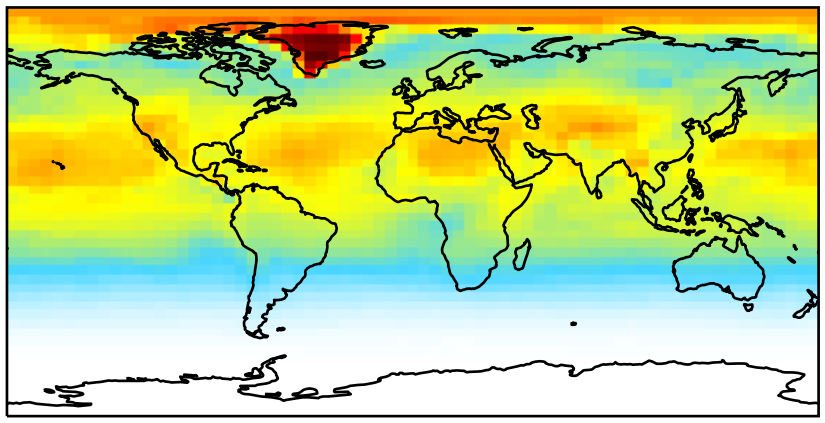
Jval_N2O5 (Jul2019)

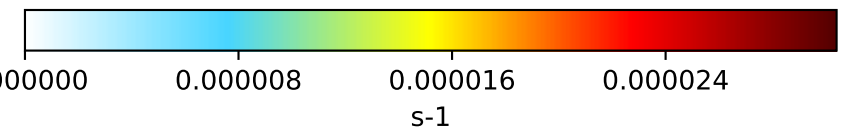
GCC_12.9.0 (Ref)
4.0x5.0



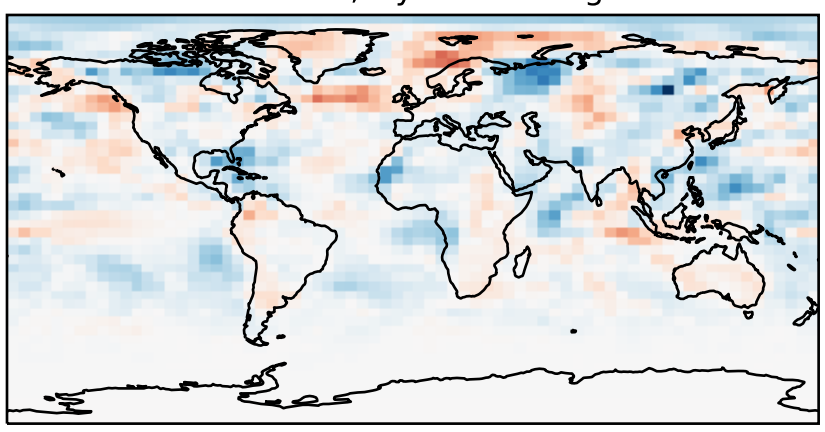


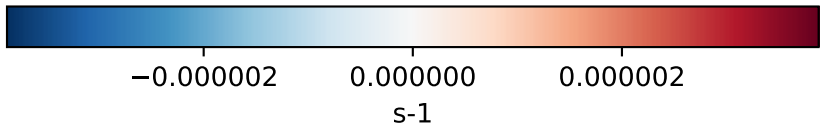
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4.0x5.0



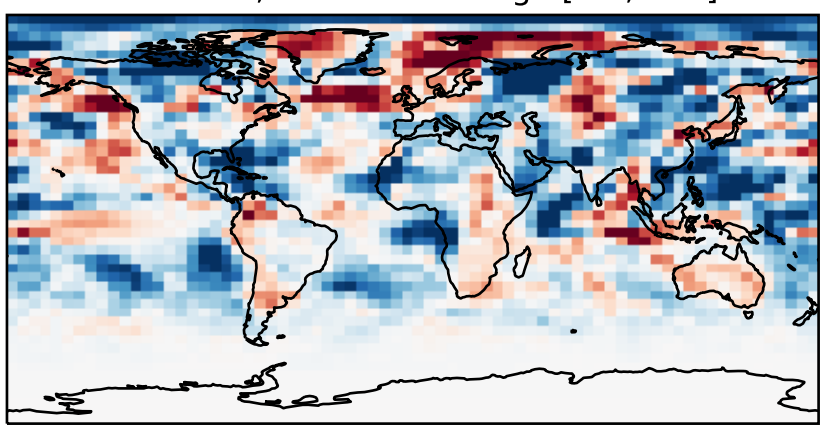


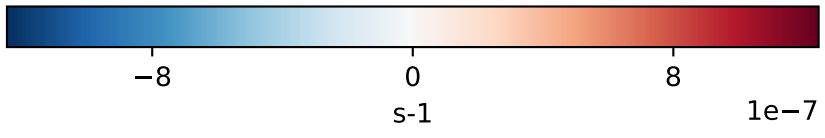
Difference
Dev - Ref, Dynamic Range



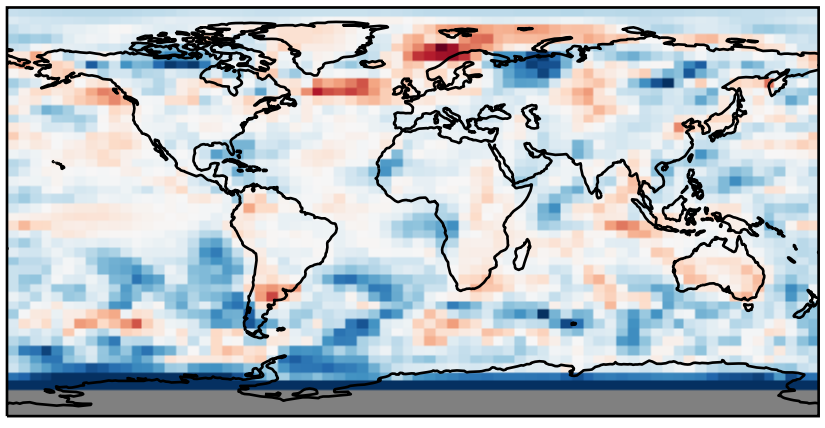


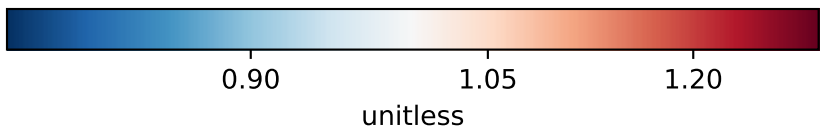
Difference
Dev - Ref, Restricted Range [5%,95%]



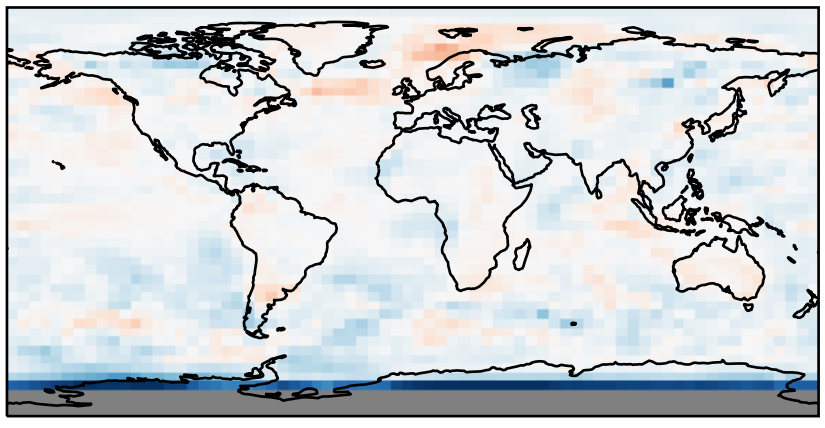


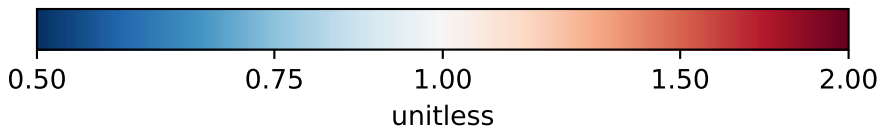
Ratio
Dev/Ref, Dynamic Range





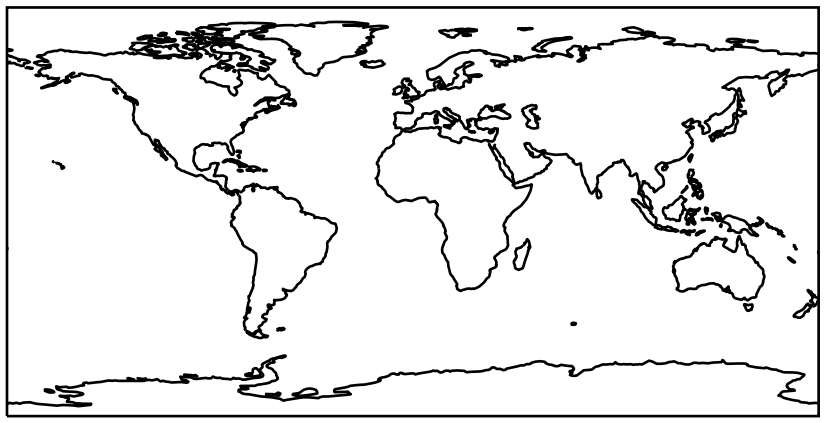
Ratio
Dev/Ref, Fixed Range





Jval_NIT (Jul2019)

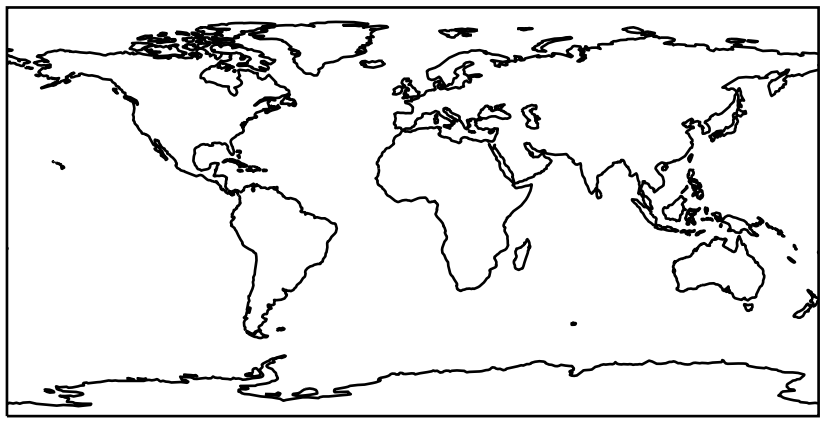
GCC_12.9.0 (Ref)
4.0x5.0





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s-1

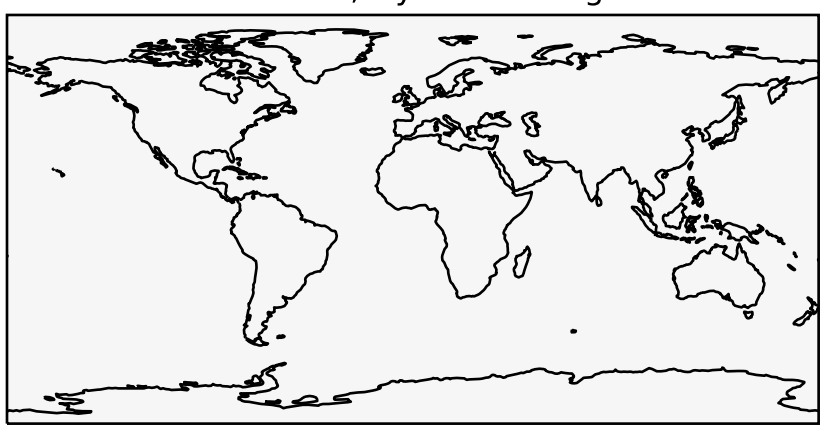
GCC_13.0.0-beta.1 (Dev)
4.0x5.0





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s-1

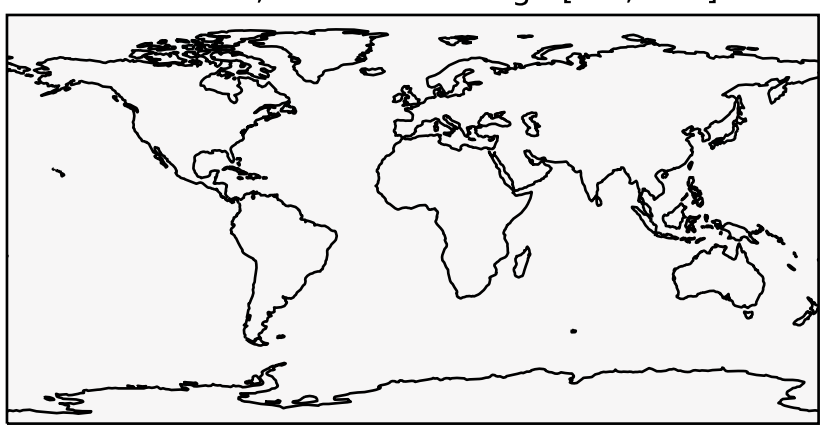
Difference
Dev - Ref, Dynamic Range





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s-1

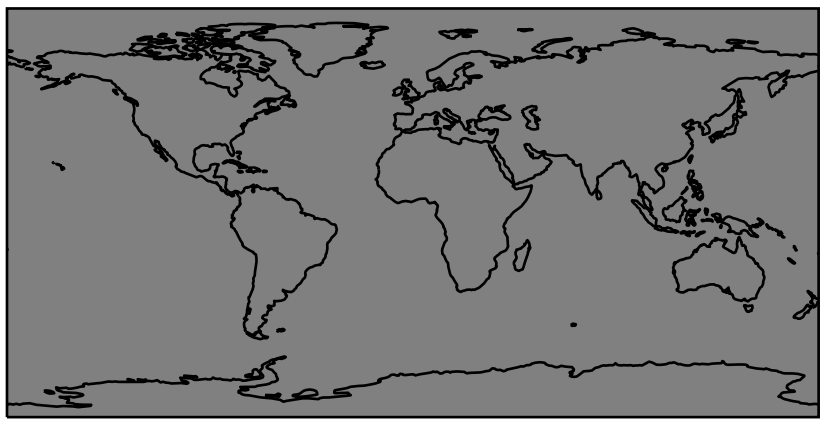
Difference
Dev - Ref, Restricted Range [5%,95%]





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s-1

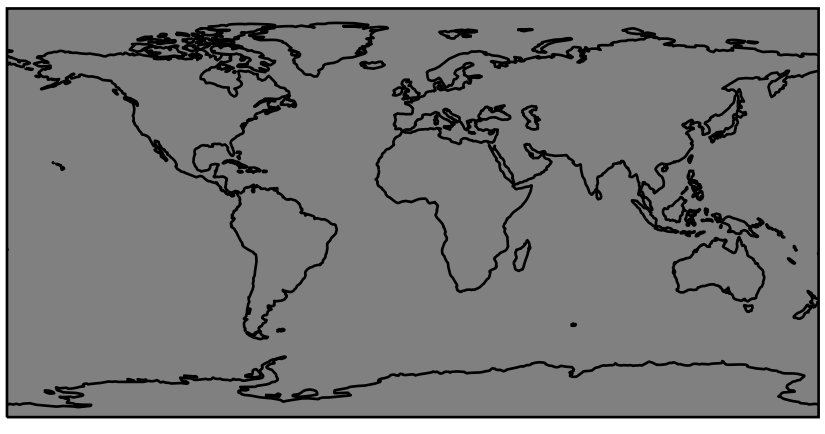
Ratio
Dev/Ref, Dynamic Range





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Ratio
Dev/Ref, Fixed Range

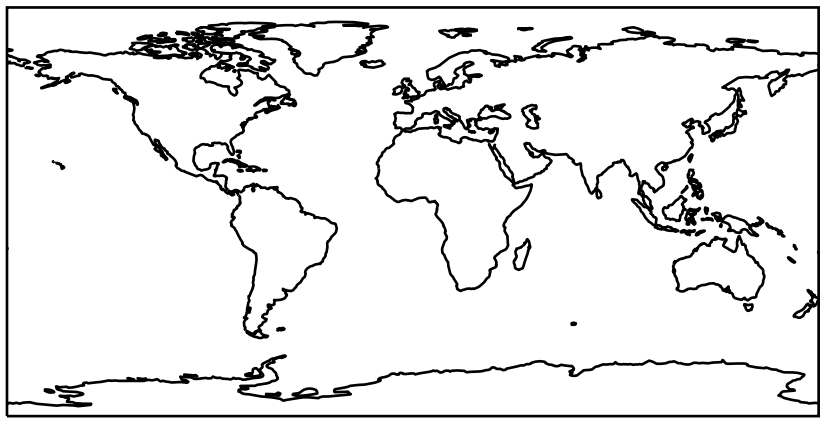




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Jval_NITs (Jul2019)

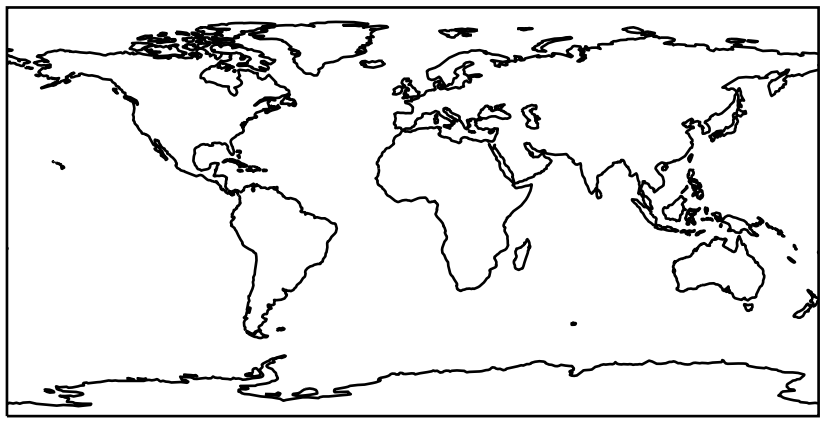
GCC_12.9.0 (Ref)
4.0x5.0





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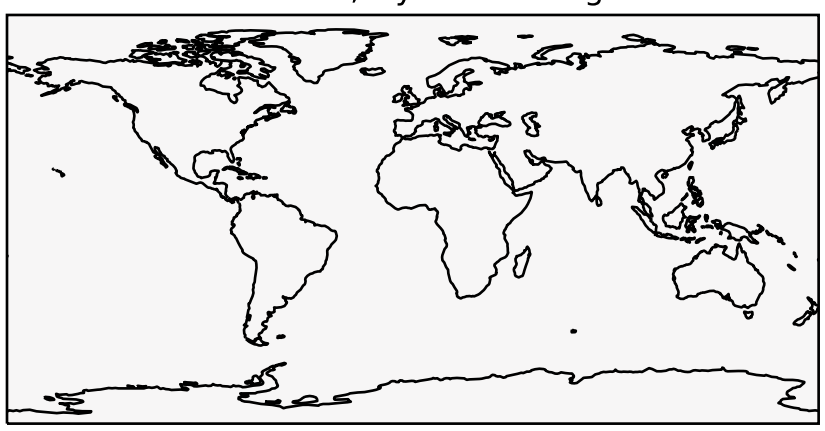
GCC_13.0.0-beta.1 (Dev)
4.0x5.0





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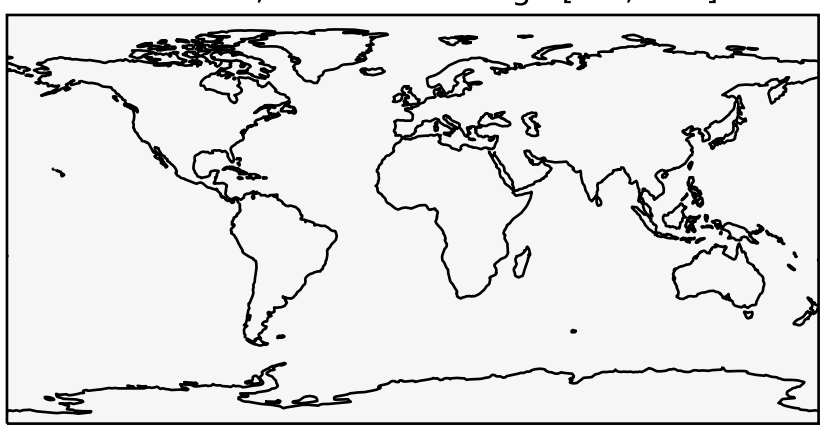
Difference
Dev - Ref, Dynamic Range





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s-1

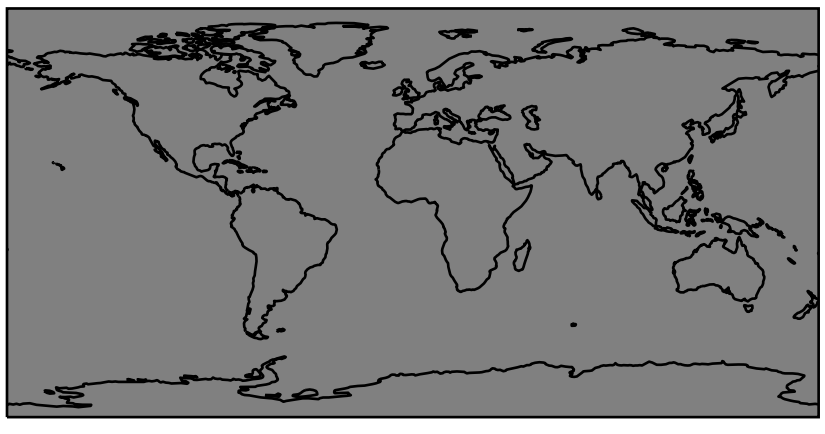
Difference
Dev - Ref, Restricted Range [5%,95%]





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s-1

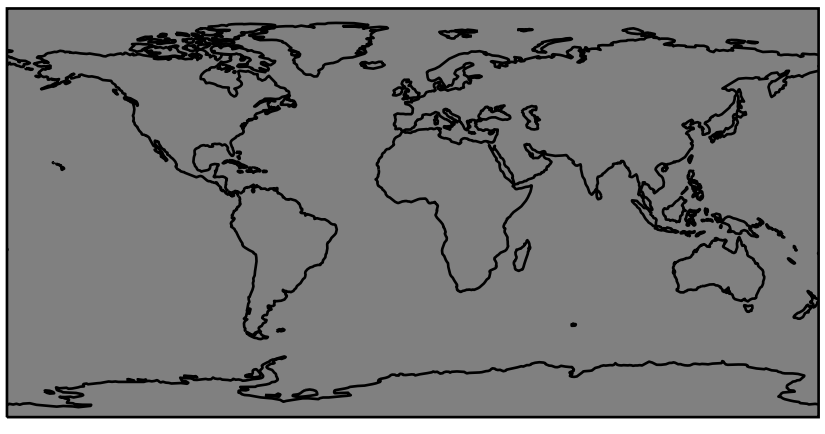
Ratio
Dev/Ref, Dynamic Range





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Ratio
Dev/Ref, Fixed Range

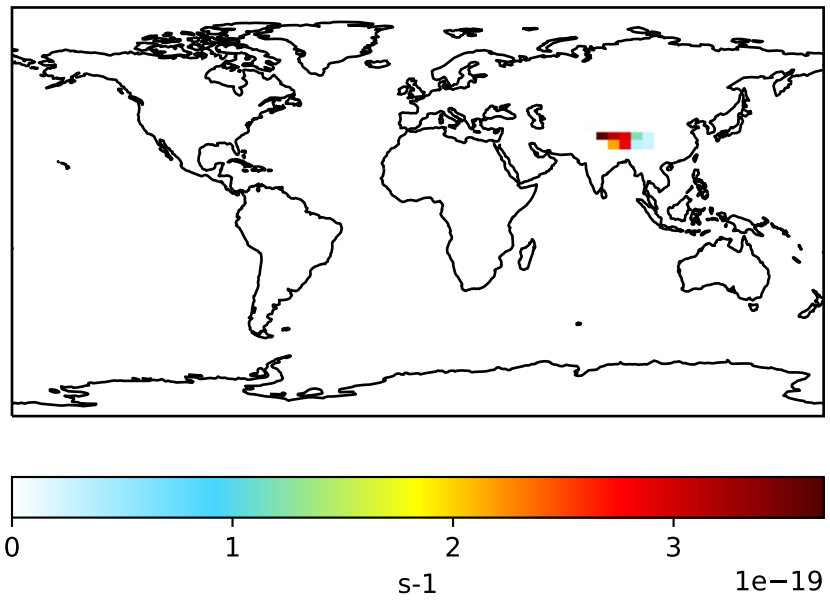




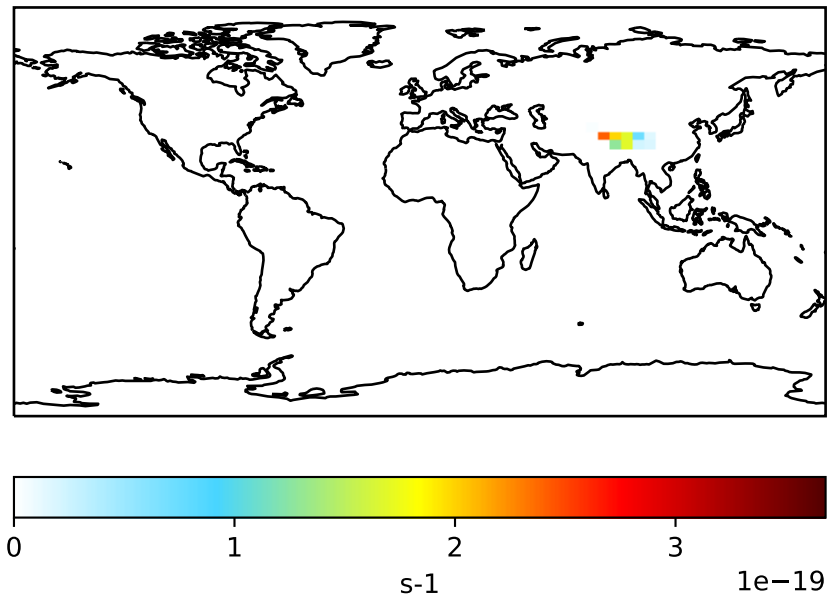
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Jval_NO (Jul2019)

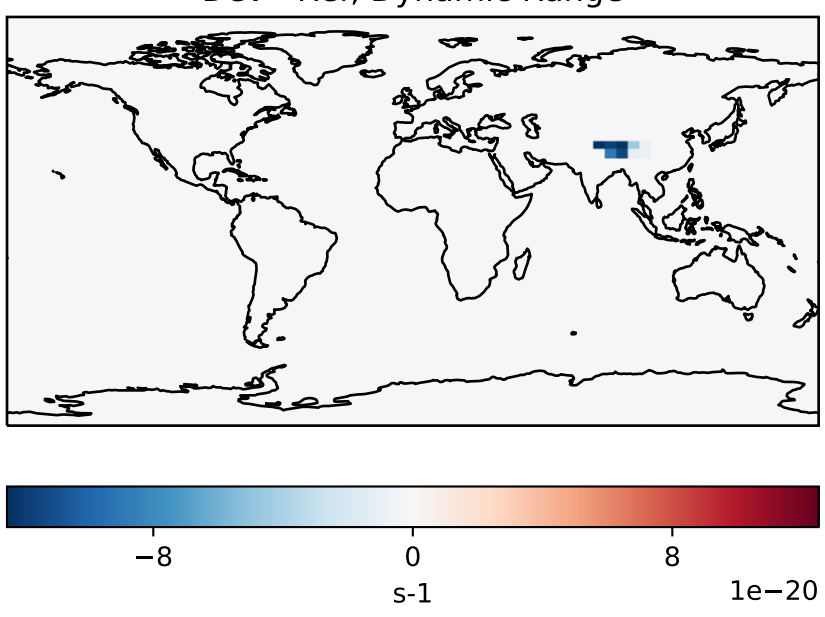
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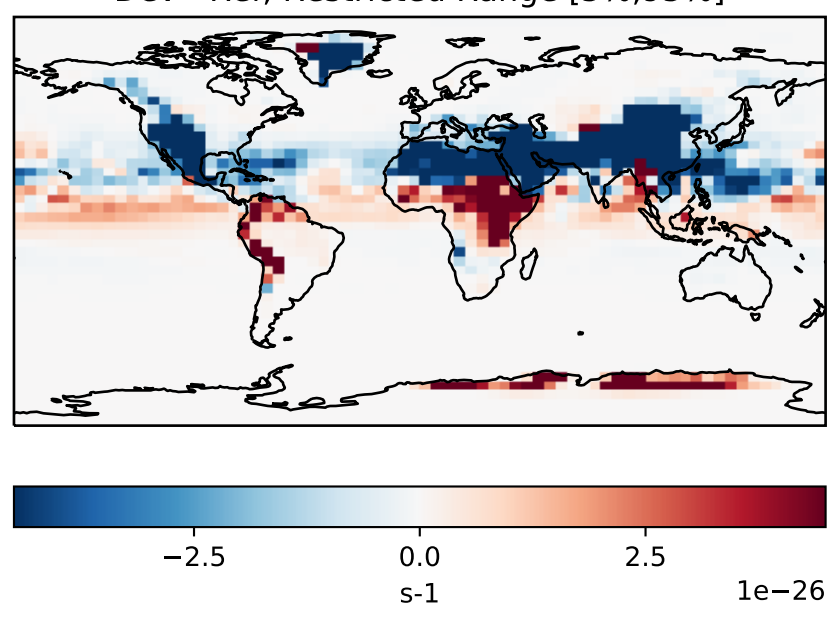
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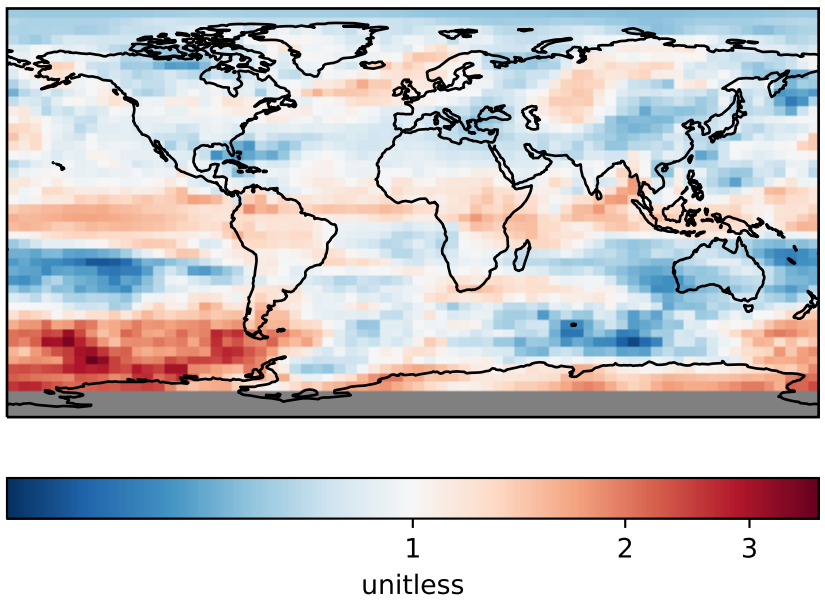
Difference
Dev - Ref, Dynamic Range



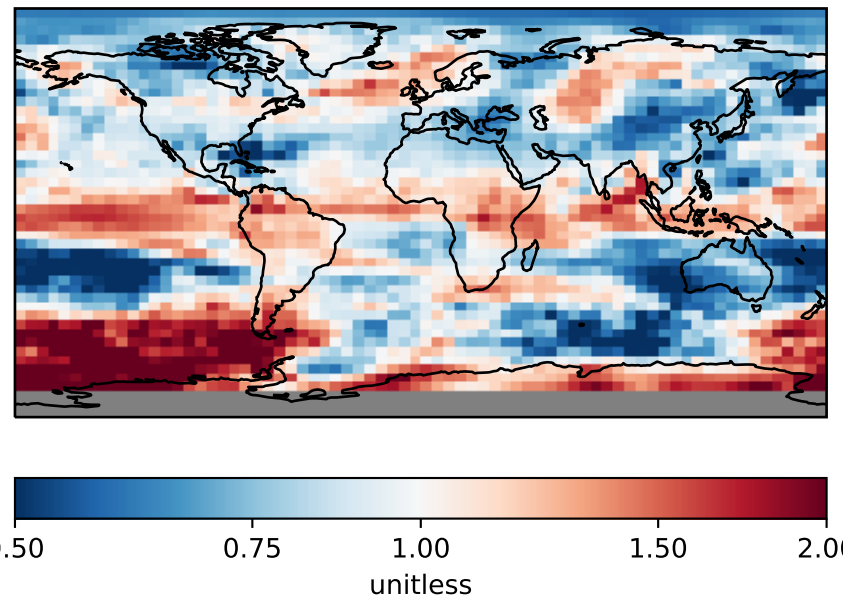
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

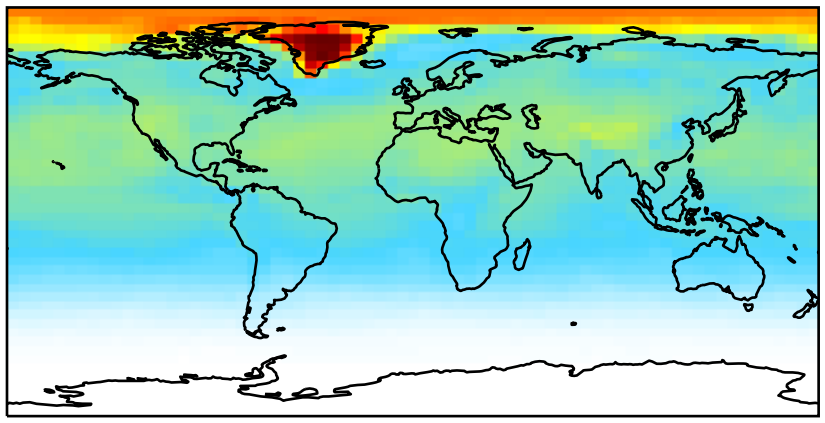


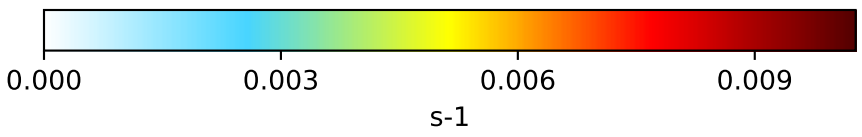
Ratio
Dev/Ref, Fixed Range



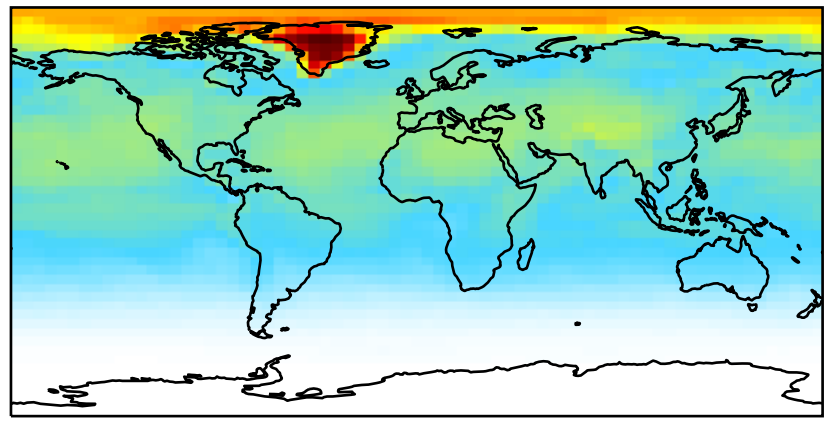
Jval_NO2 (Jul2019)

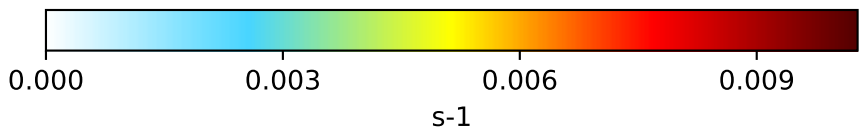
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4.0x5.0



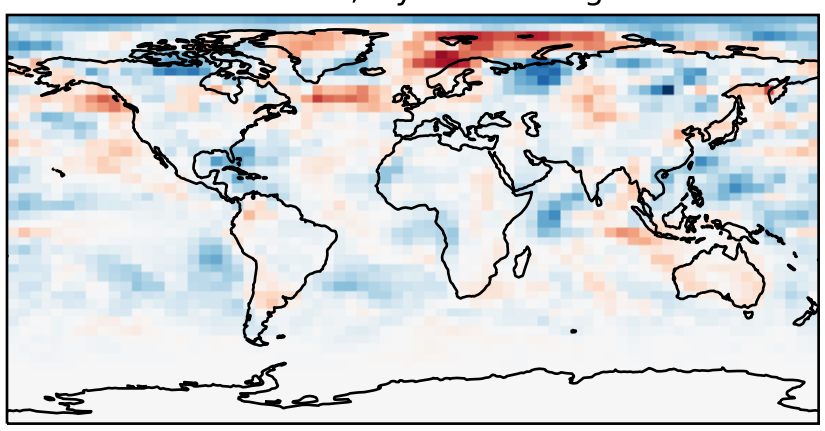


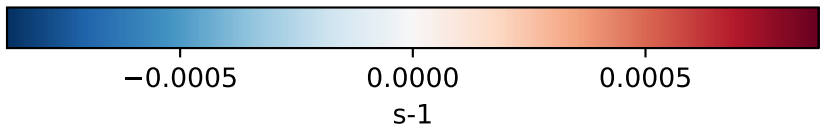
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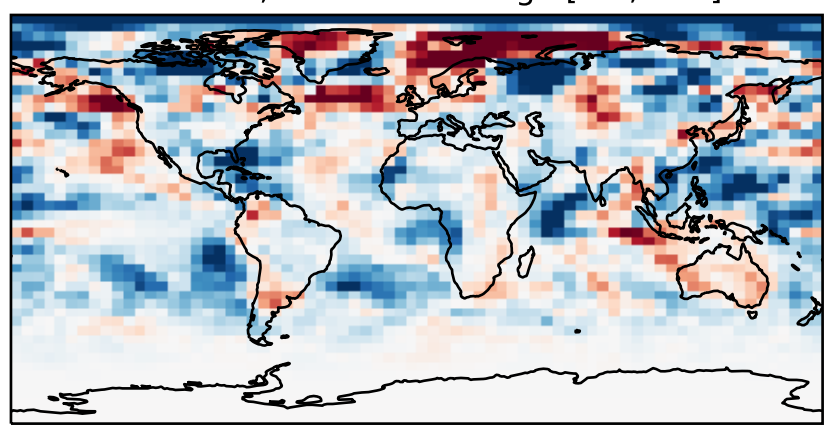


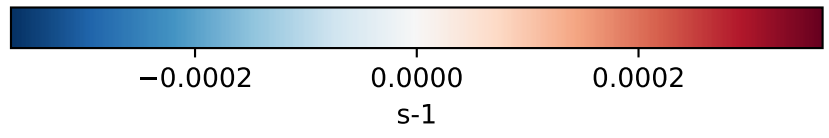
Difference
Dev - Ref, Dynamic Range



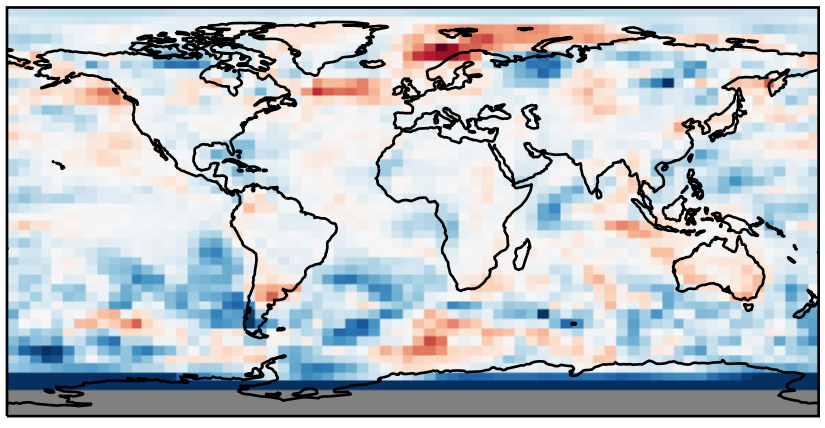


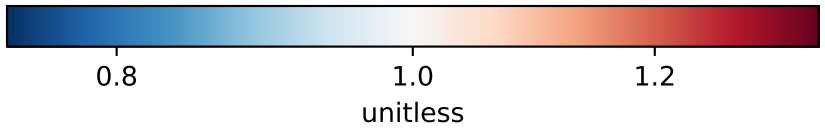
Difference
Dev - Ref, Restricted Range [5%,95%]



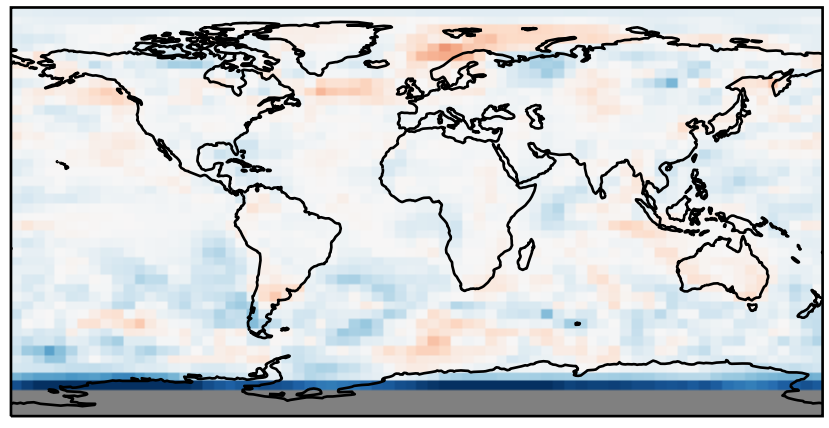


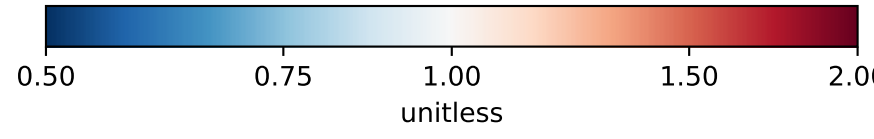
Ratio
Dev/Ref, Dynamic Range





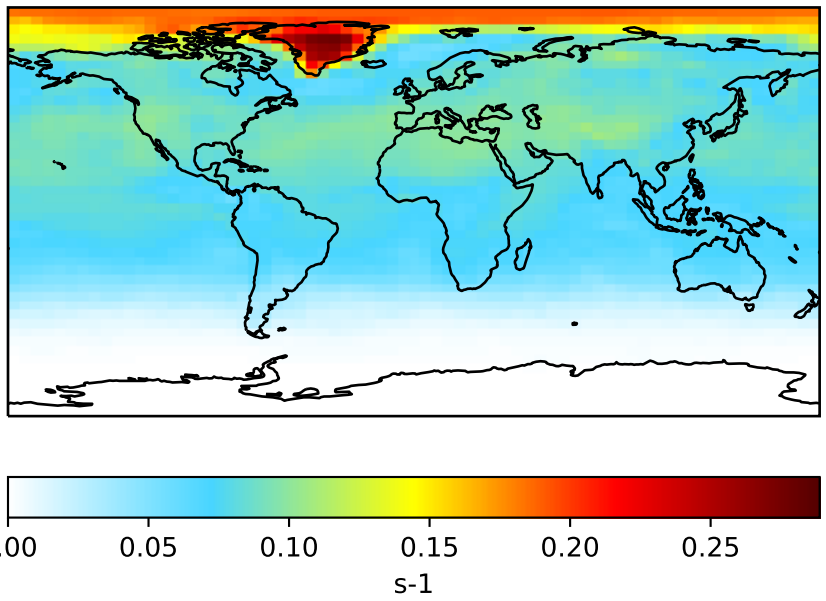
Ratio
Dev/Ref, Fixed Range



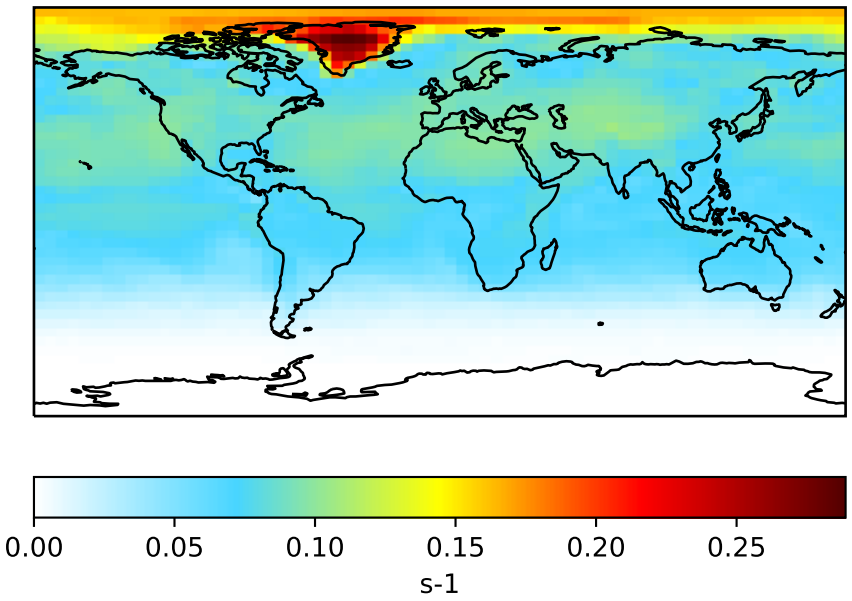


Jval_NO3 (Jul2019)

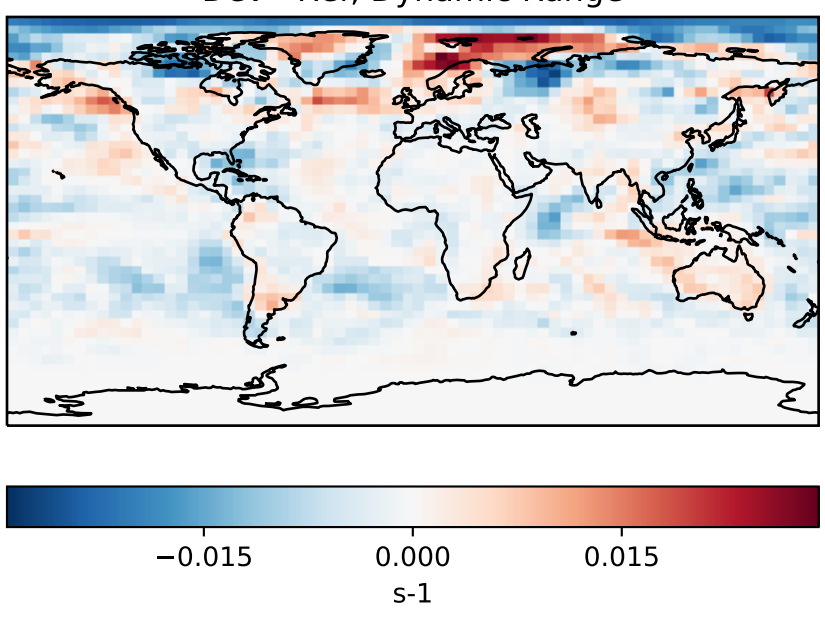
GCC_12.9.0 (Ref)
4.0x5.0



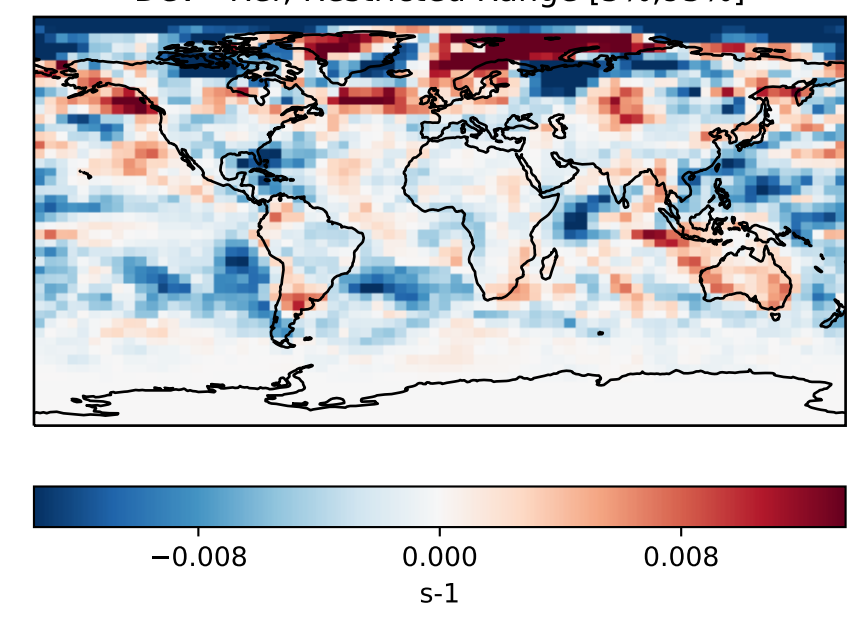
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



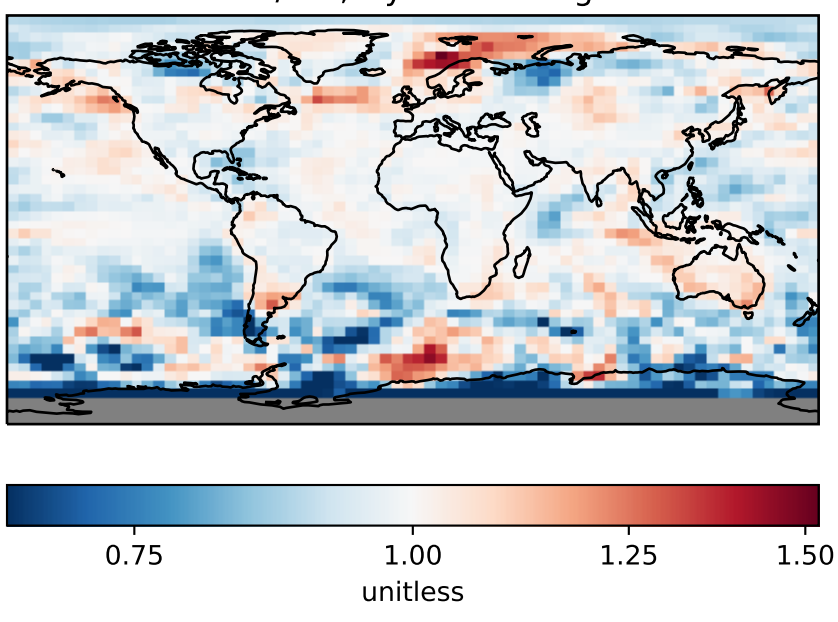
Difference
Dev - Ref, Dynamic Range



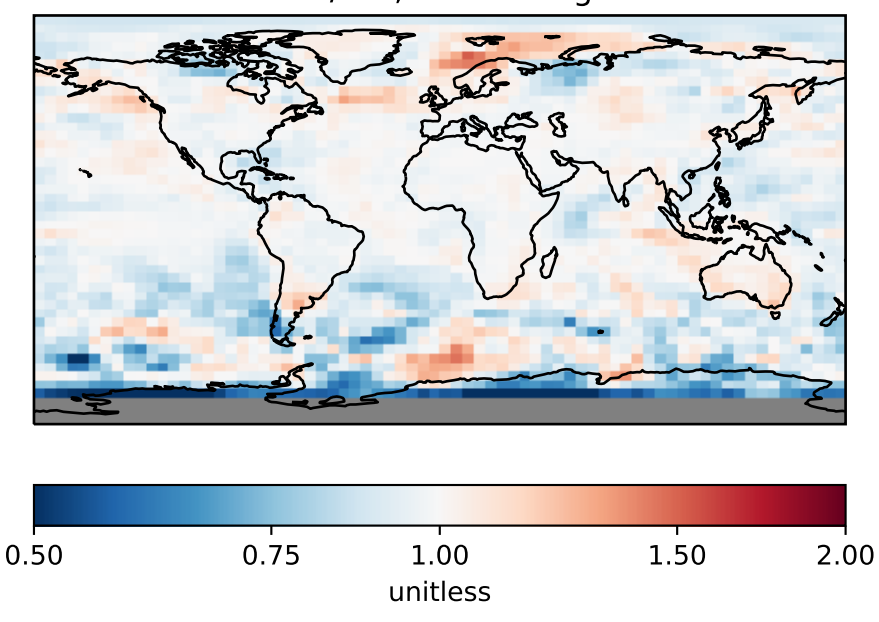
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

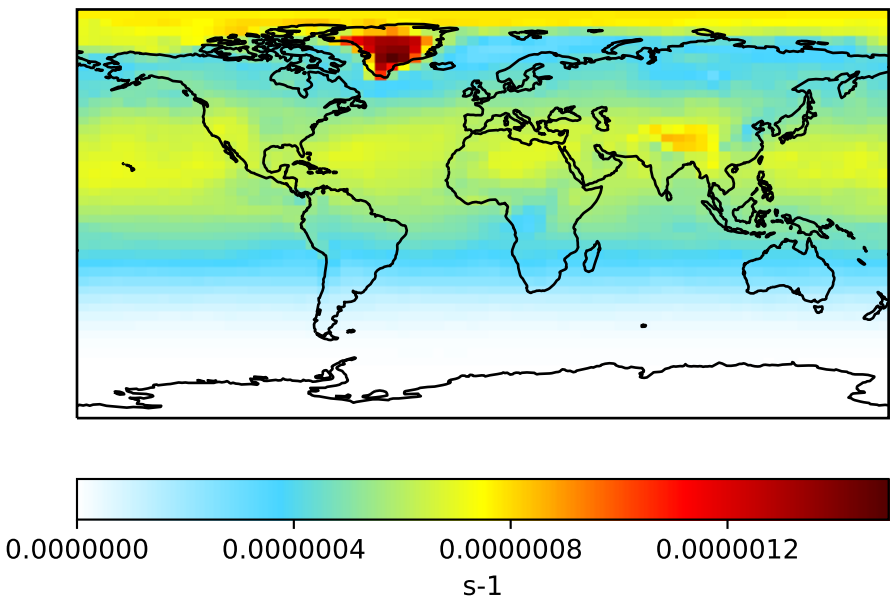


Ratio
Dev/Ref, Fixed Range

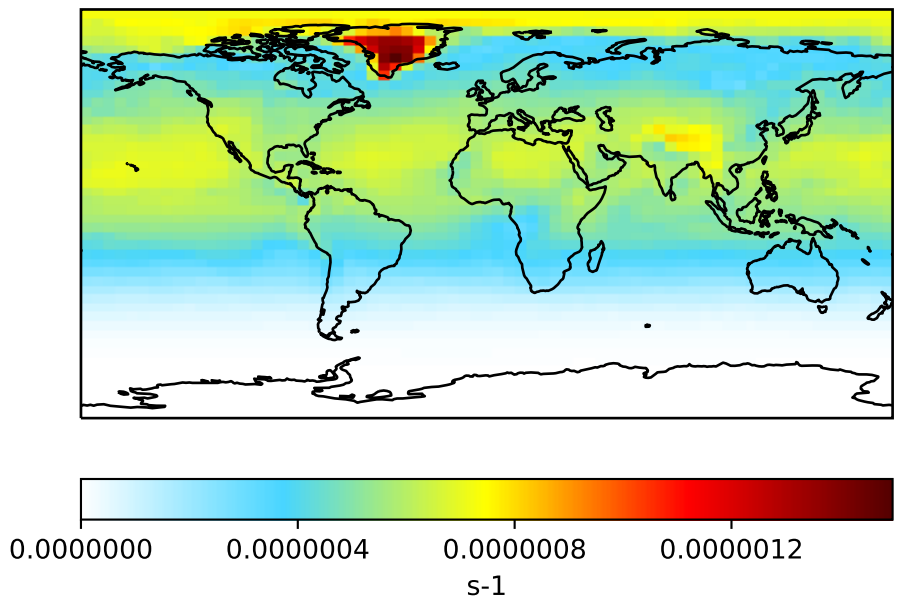


Jval_NPRNO3 (Jul2019)

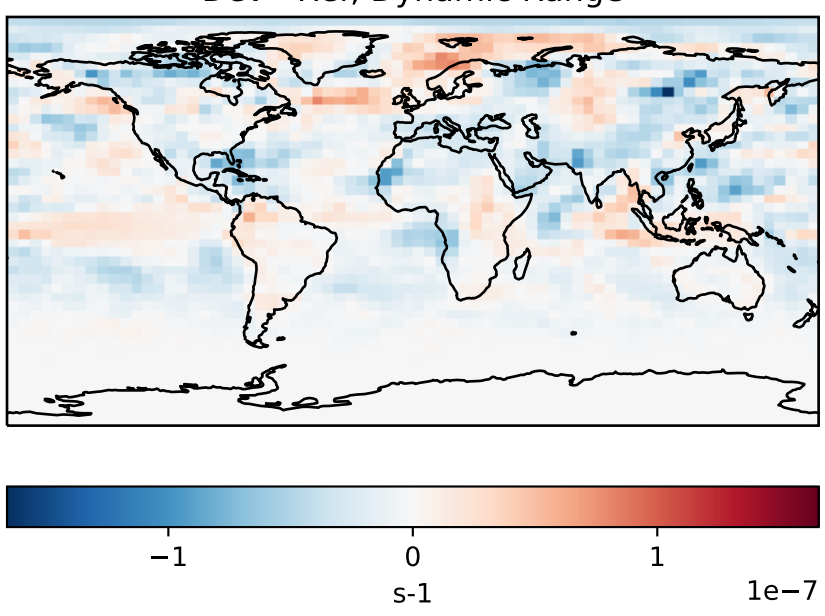
GCC_12.9.0 (Ref)
4.0x5.0



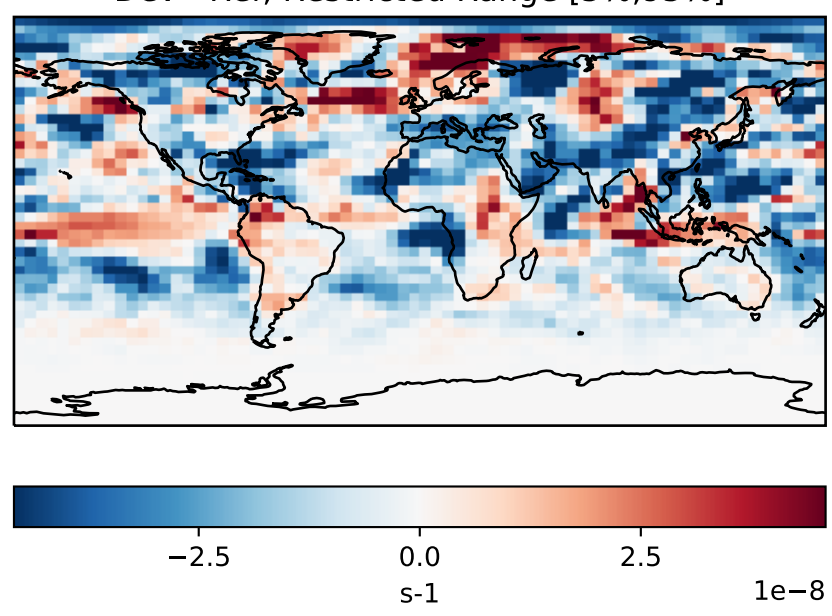
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



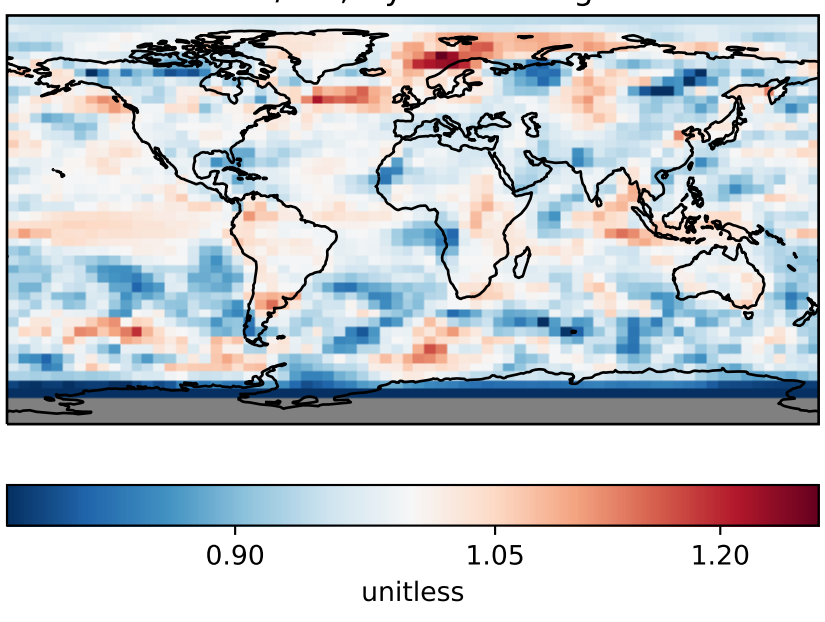
Difference
Dev - Ref, Dynamic Range



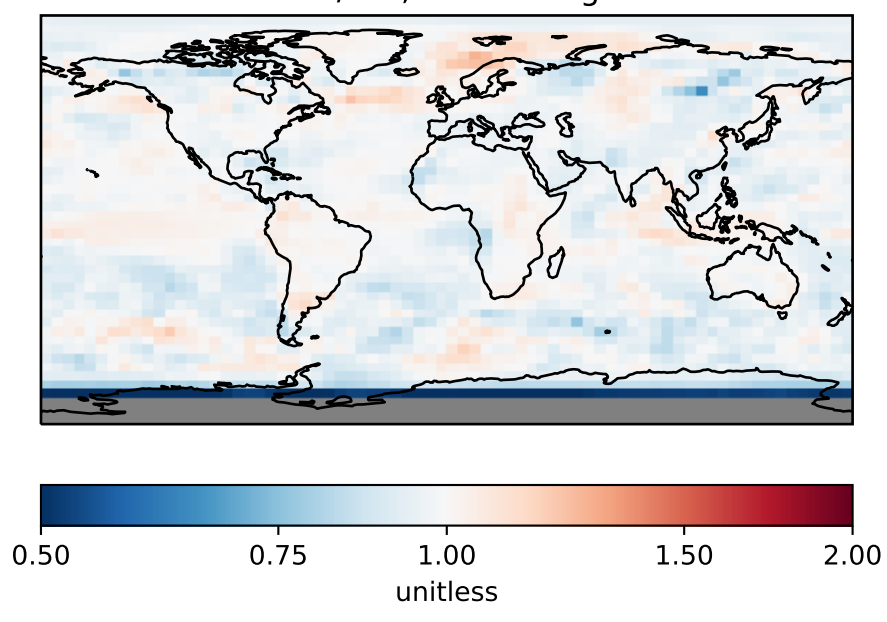
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

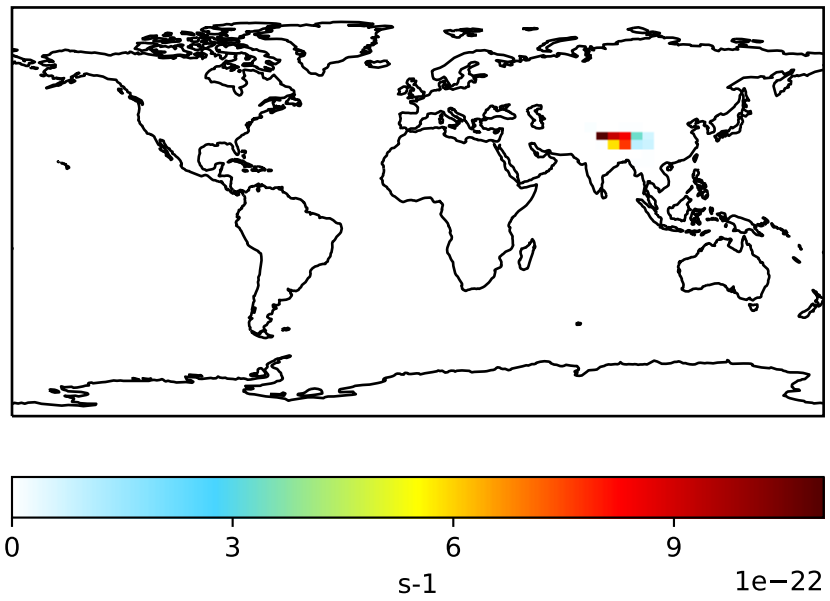


Ratio
Dev/Ref, Fixed Range

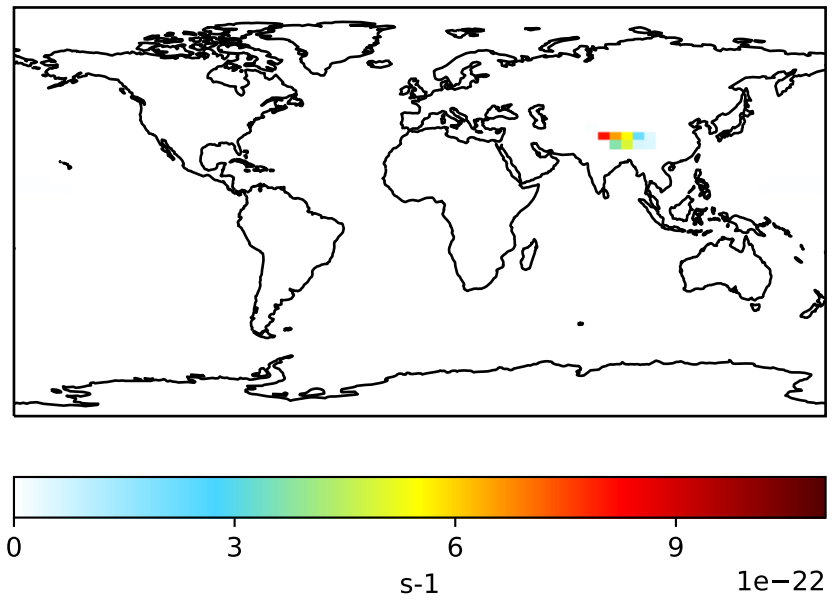


Jval_O2 (Jul2019)

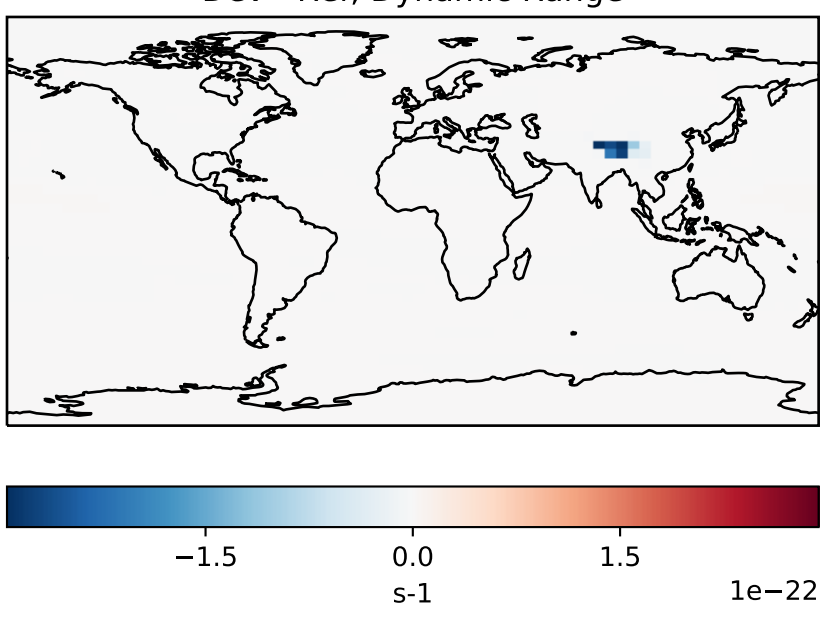
GCC_12.9.0 (Ref)
4.0x5.0



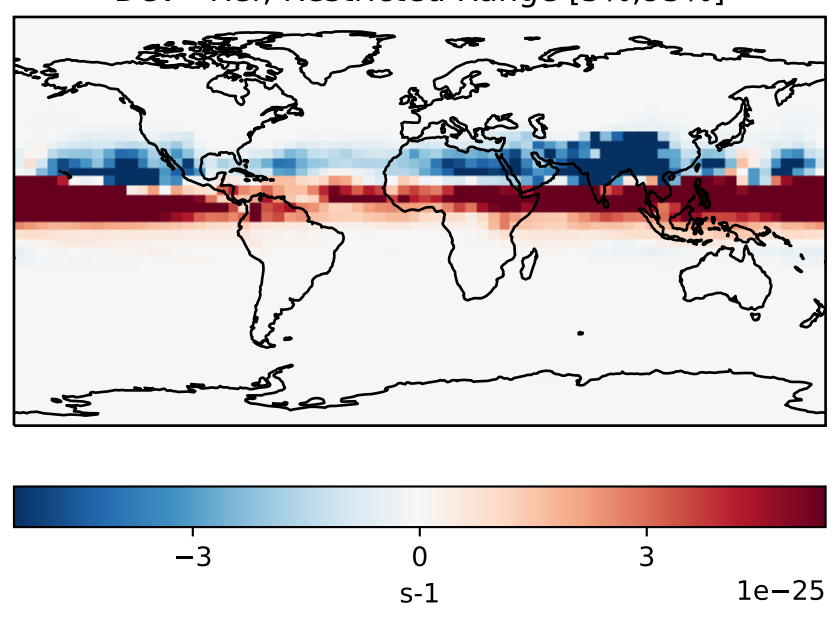
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



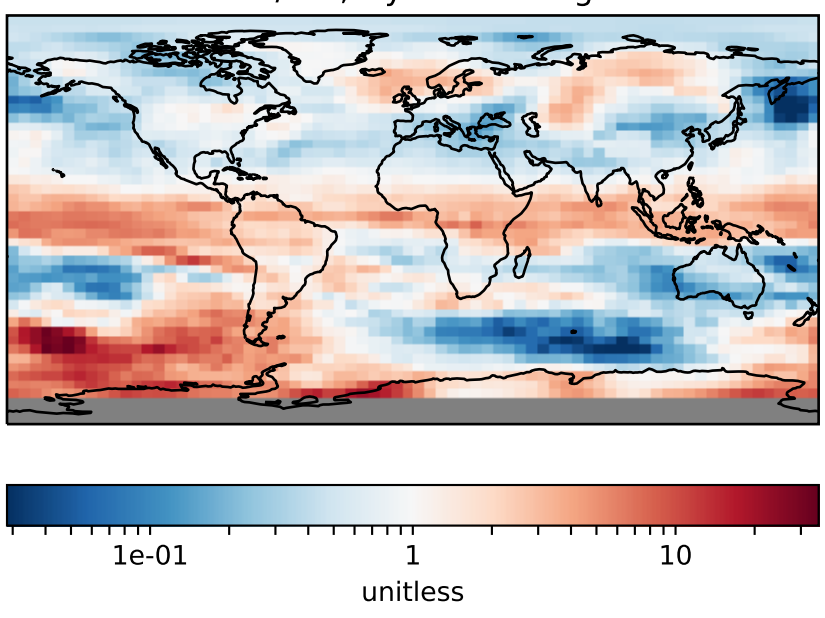
Difference
Dev - Ref, Dynamic Range



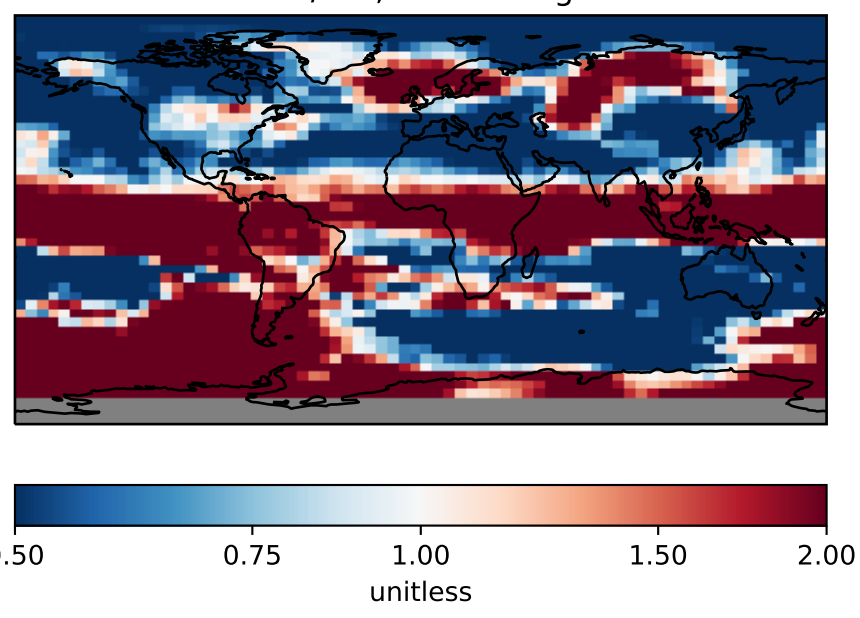
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

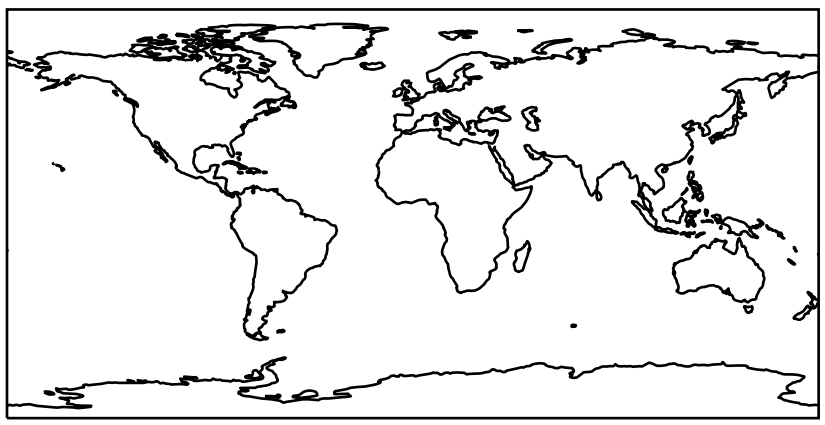


Ratio
Dev/Ref, Fixed Range



Jval_O3 (Jul2019)

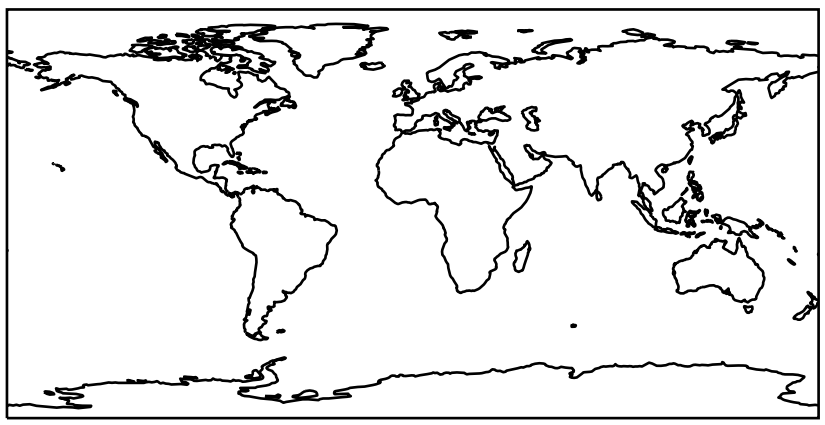
GCC_12.9.0 (Ref)
4.0x5.0





Zero throughout domain
s-1

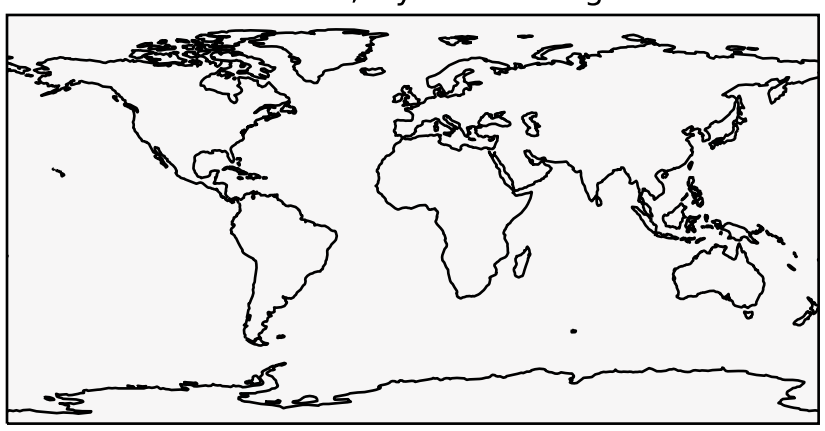
GCC_13.0.0-beta.1 (Dev)
4.0x5.0





Zero throughout domain
s-1

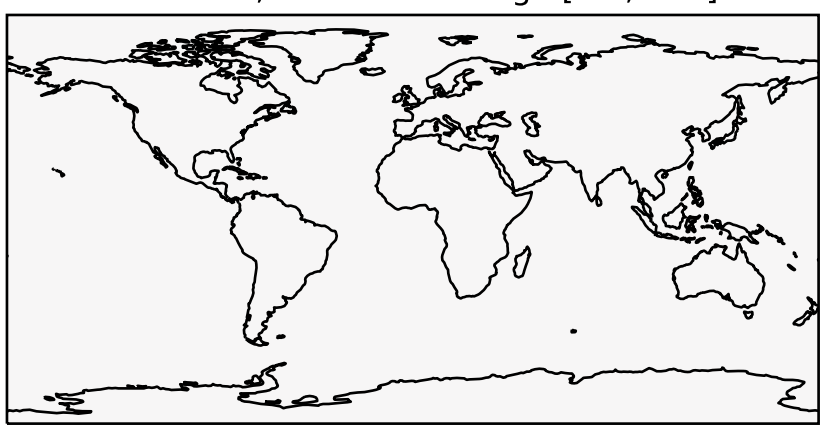
Difference
Dev - Ref, Dynamic Range





Zero throughout domain
s-1

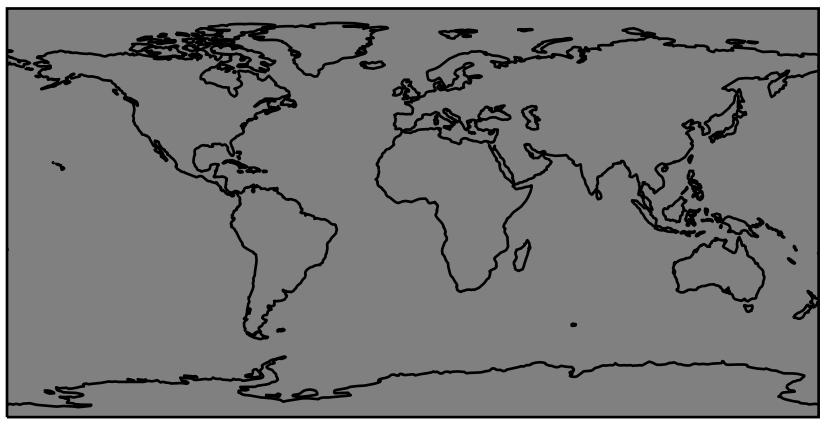
Difference
Dev - Ref, Restricted Range [5%,95%]





Zero throughout domain
s-1

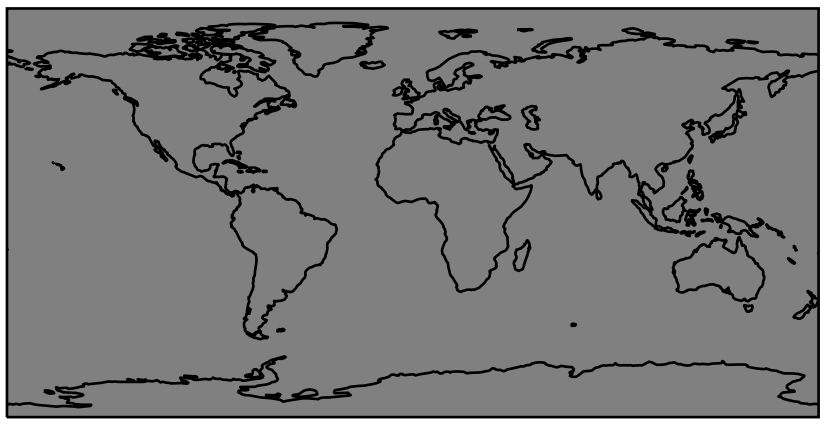
Ratio
Dev/Ref, Dynamic Range





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Ratio
Dev/Ref, Fixed Range

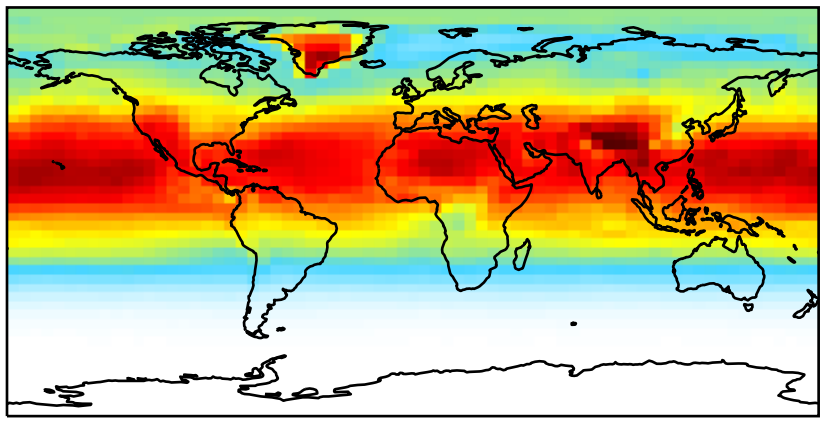


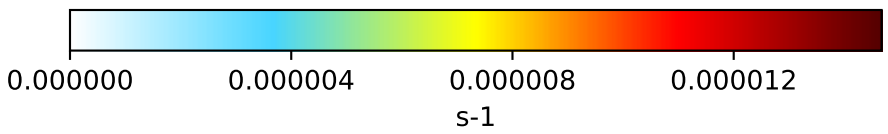


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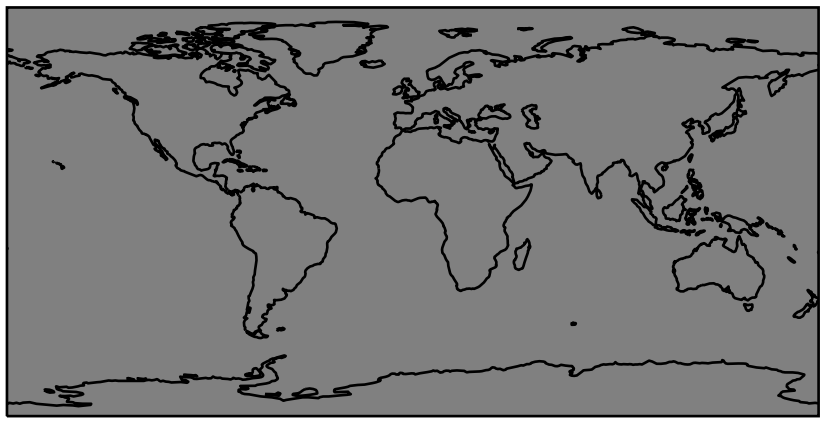
Jval_O3O1D (Jul2019)

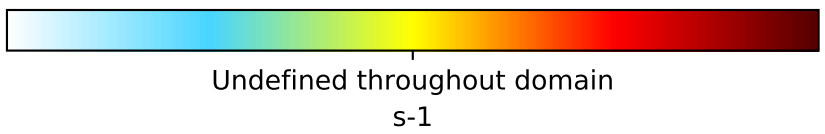
GCC_12.9.0 (Ref)
4.0x5.0



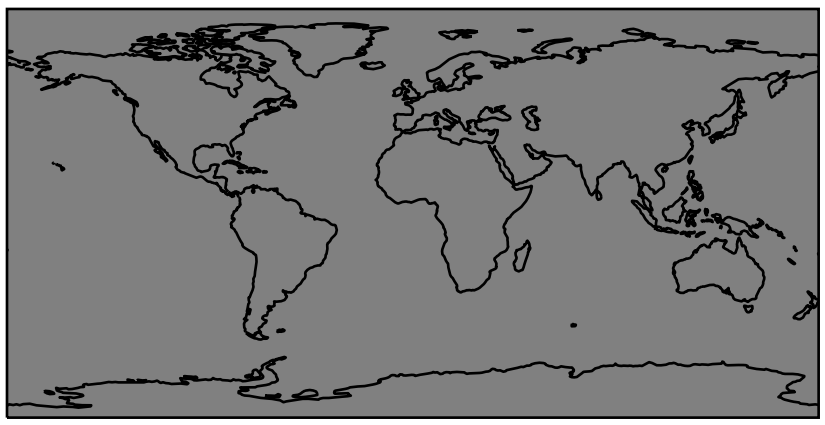


GCC_13.0.0-beta.1 (Dev)
4.0x5.0



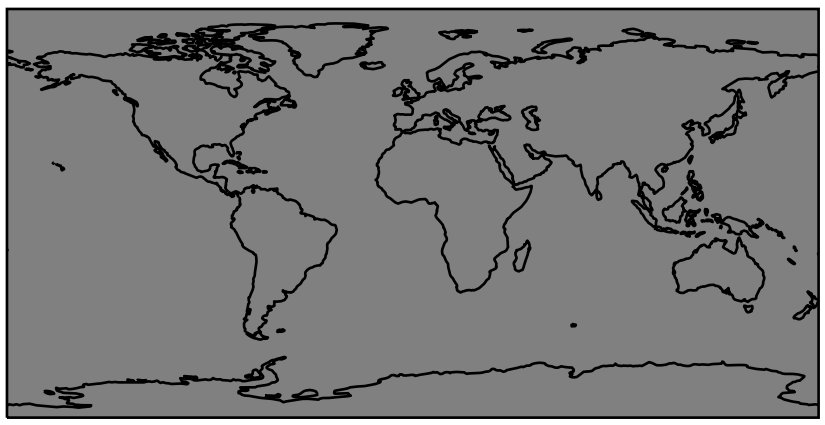


Difference
Dev - Ref, Dynamic Range



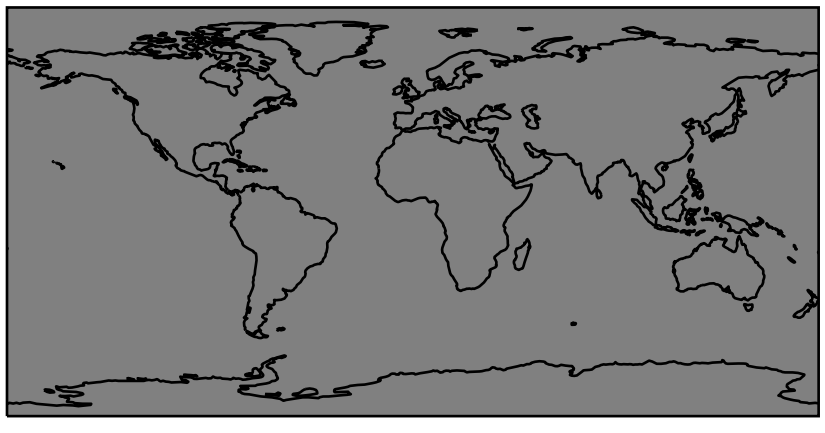


Difference
Dev - Ref, Restricted Range [5%,95%]



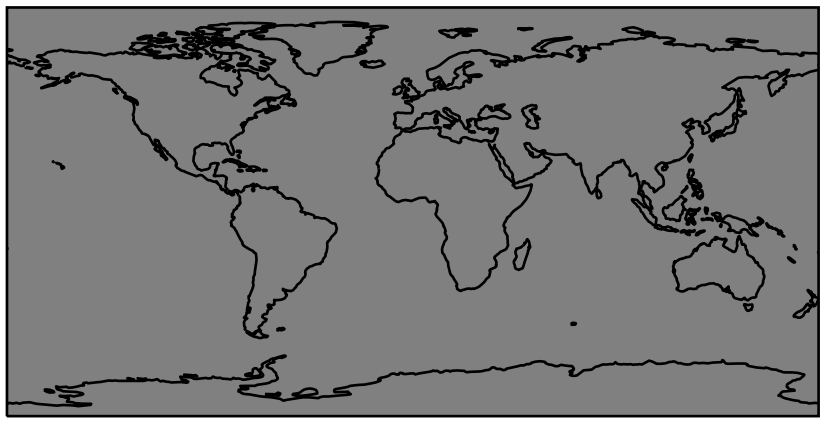


Ratio
Dev/Ref, Dynamic Range





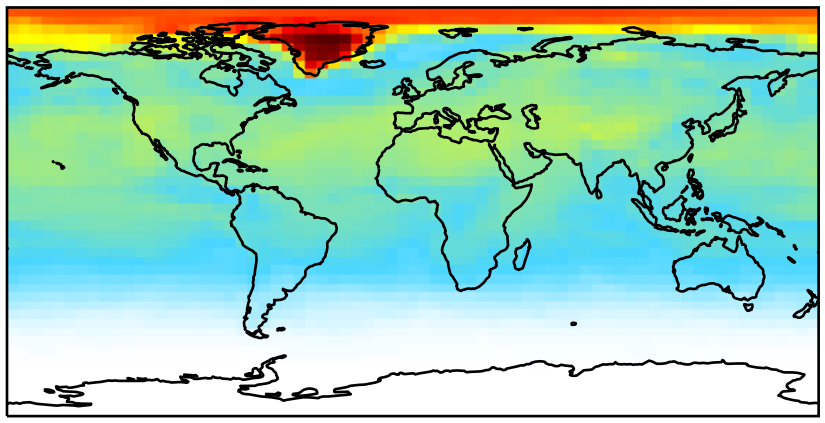
Ratio
Dev/Ref, Fixed Range

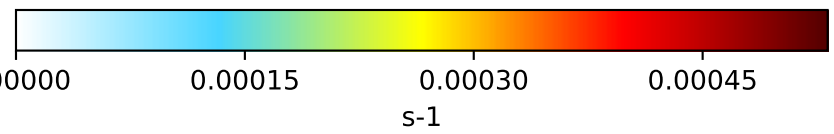




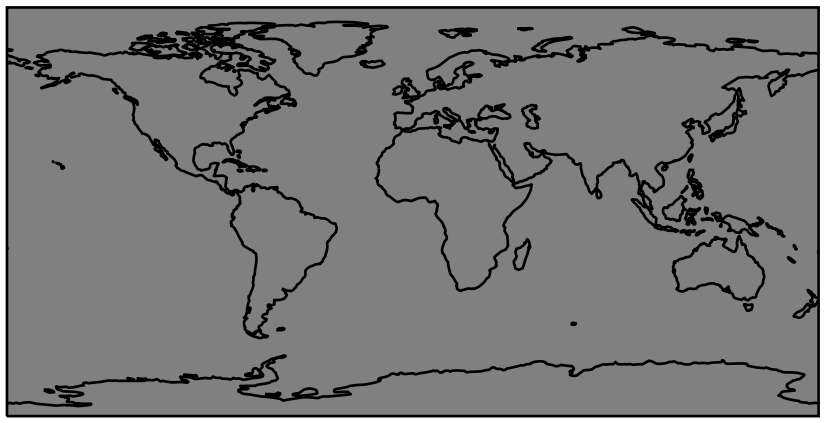
Jval_O3O3P (Jul2019)

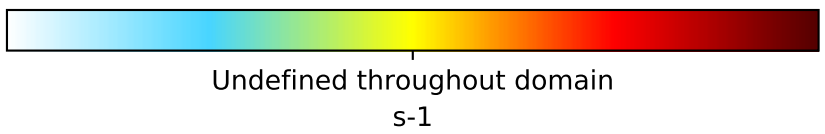
GCC_12.9.0 (Ref)
4.0x5.0



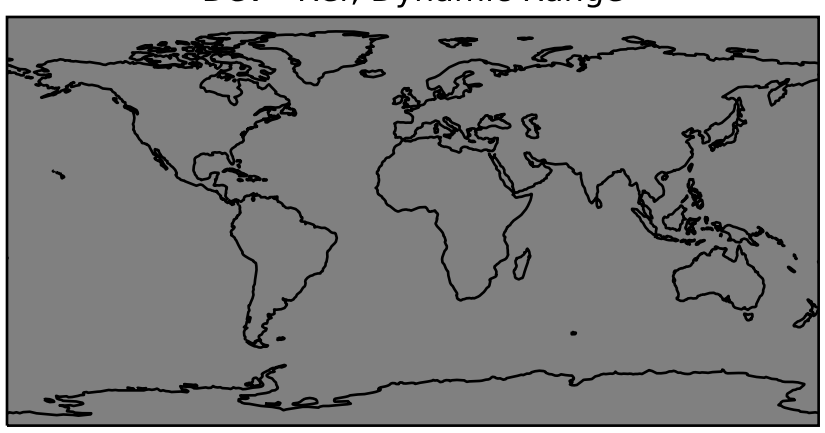


GCC_13.0.0-beta.1 (Dev)
4.0x5.0





Difference
Dev - Ref, Dynamic Range



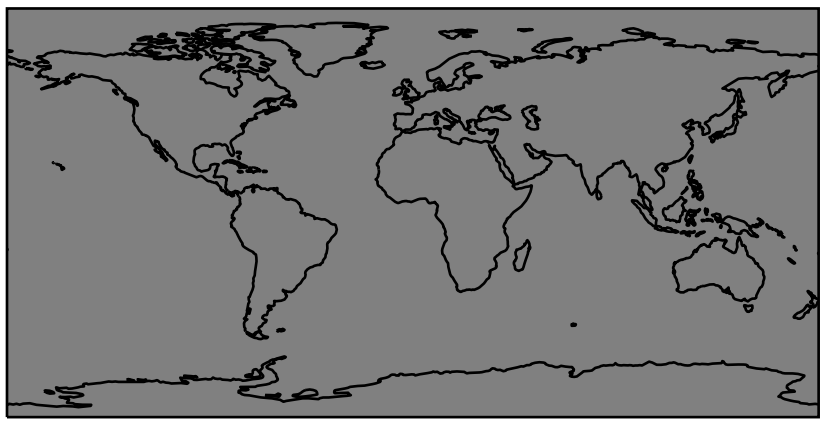


Difference
Dev - Ref, Restricted Range [5%,95%]



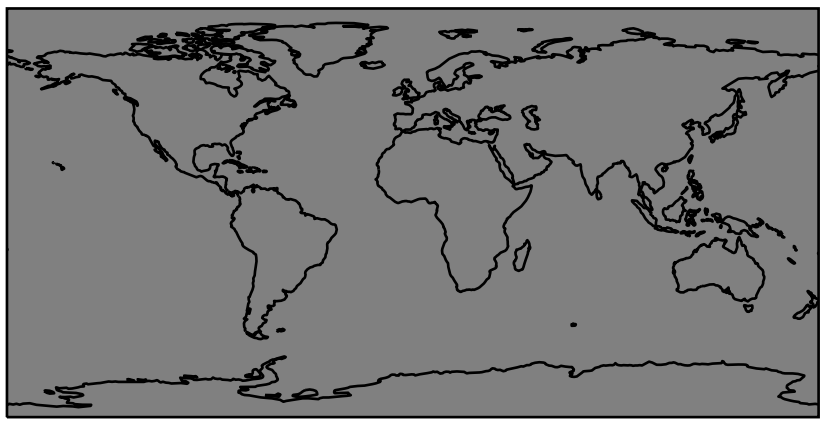


Ratio
Dev/Ref, Dynamic Range





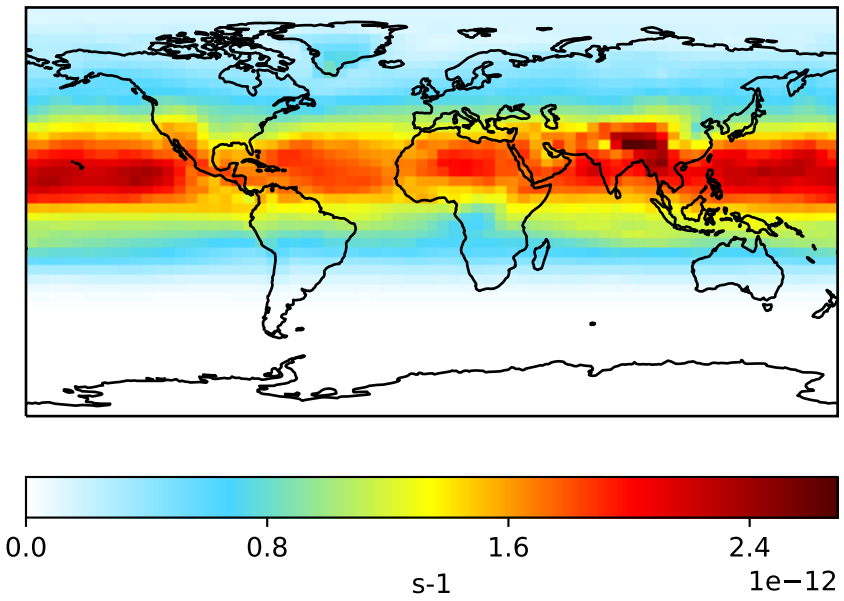
Ratio
Dev/Ref, Fixed Range



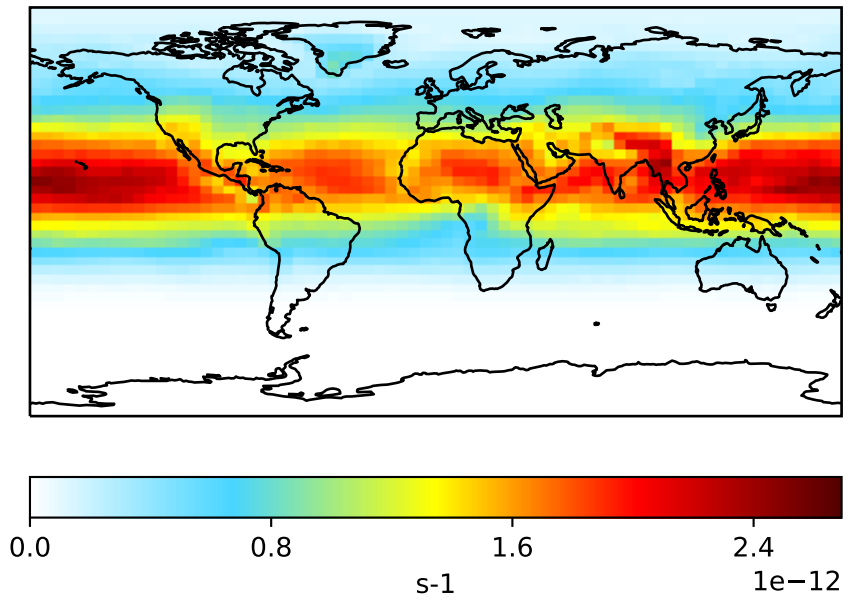


Jval_OCS (Jul2019)

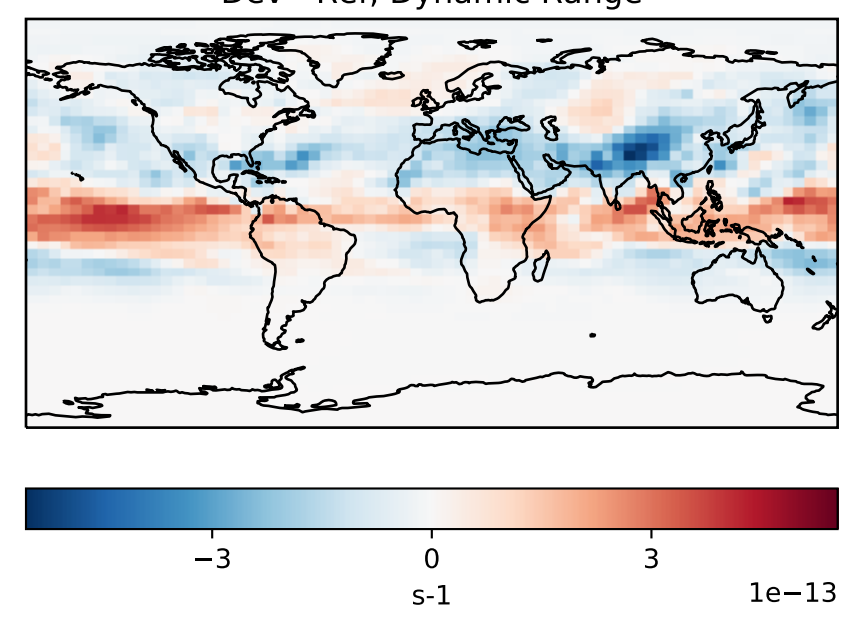
GCC_12.9.0 (Ref)
4.0x5.0



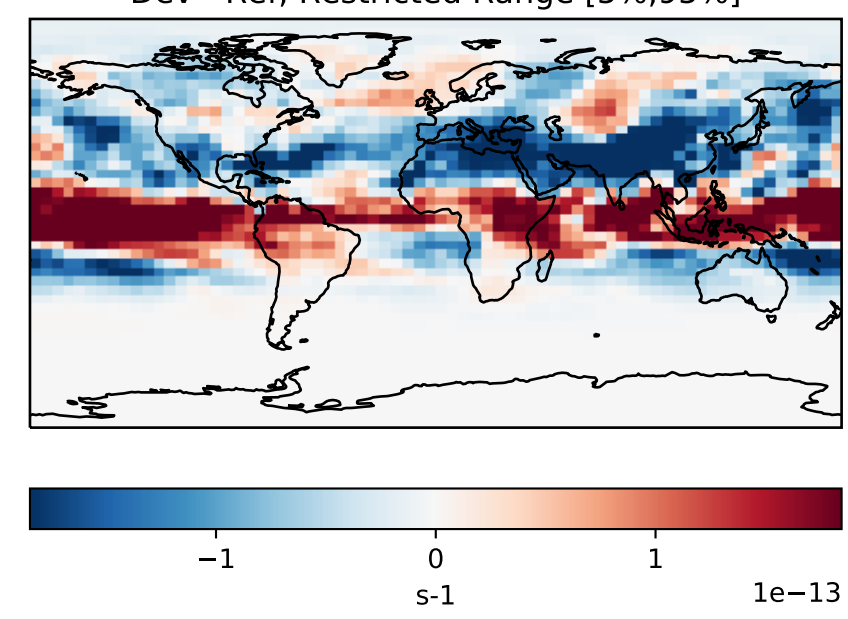
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



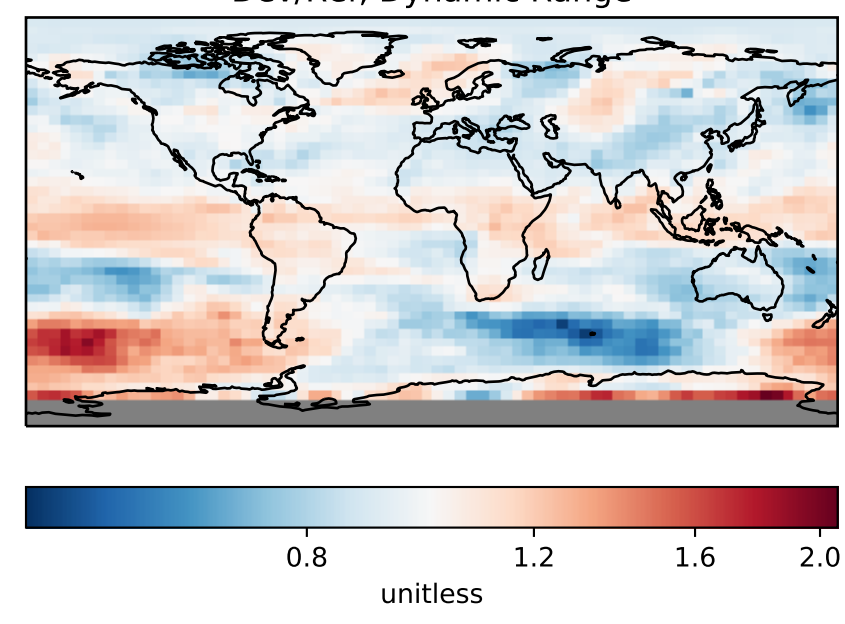
Difference
Dev - Ref, Dynamic Range



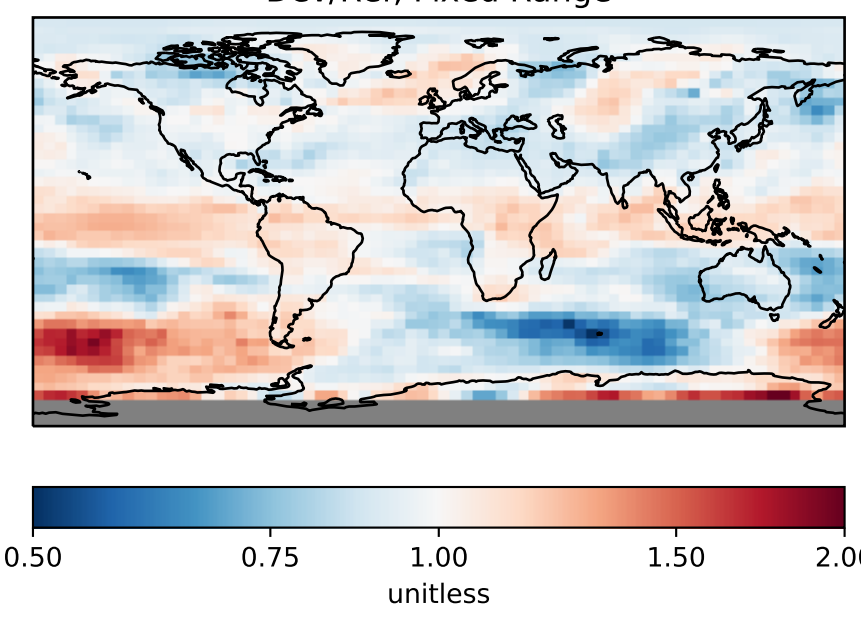
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

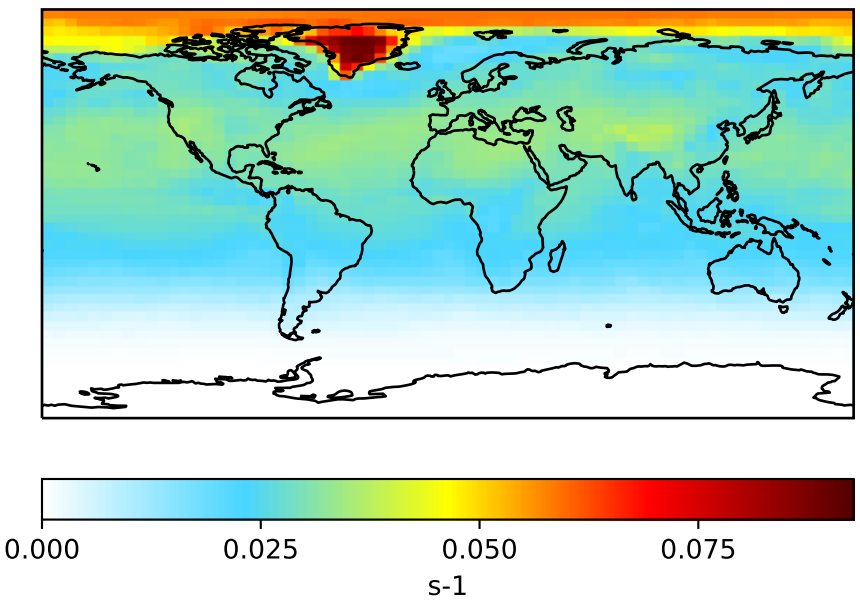


Ratio
Dev/Ref, Fixed Range

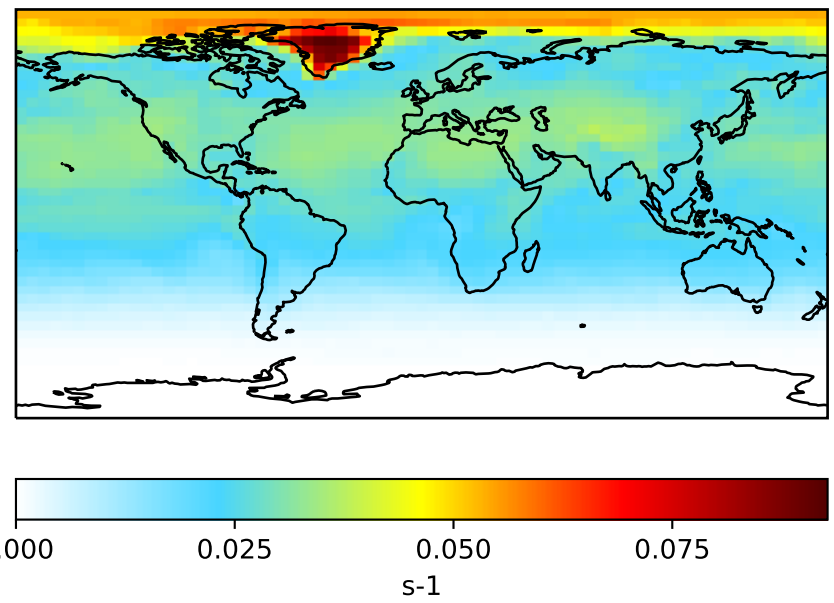


Jval_OClO (Jul2019)

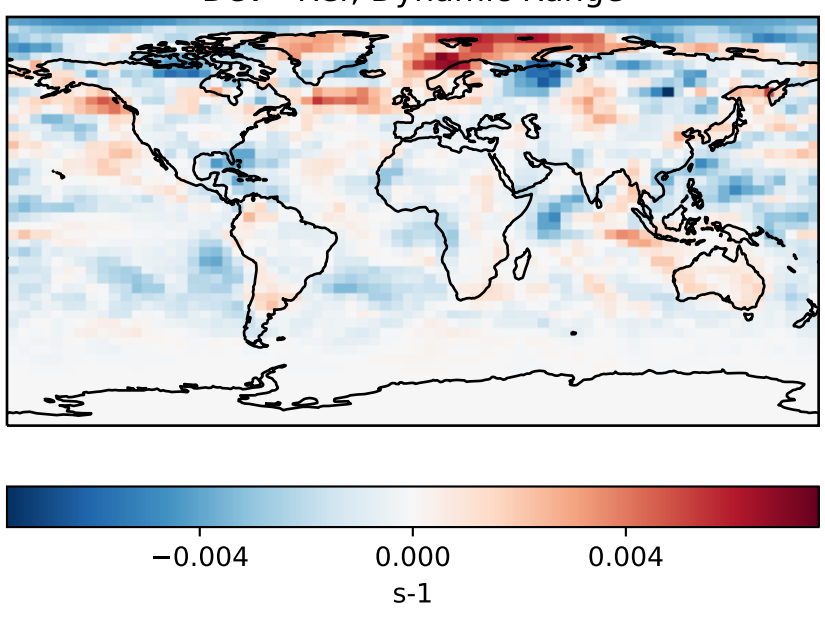
GCC_12.9.0 (Ref)
4.0x5.0



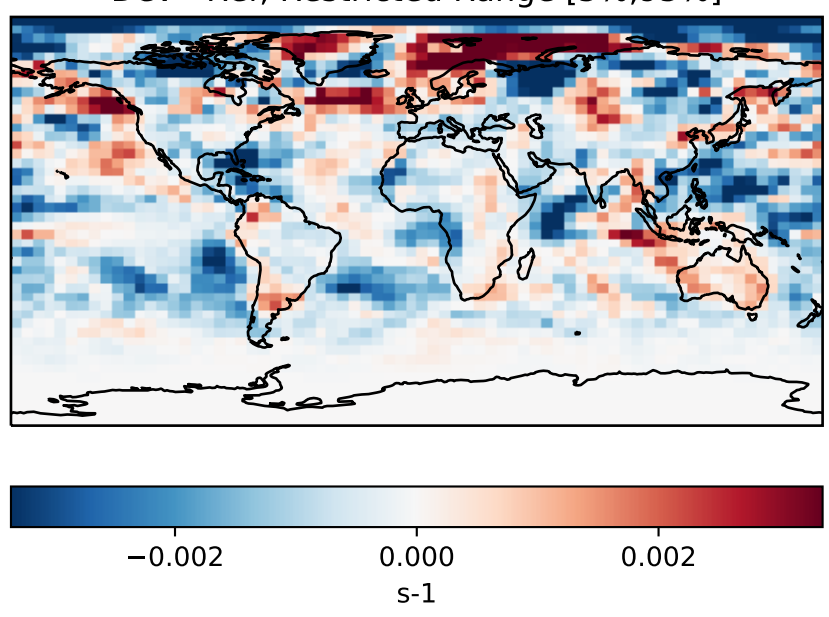
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



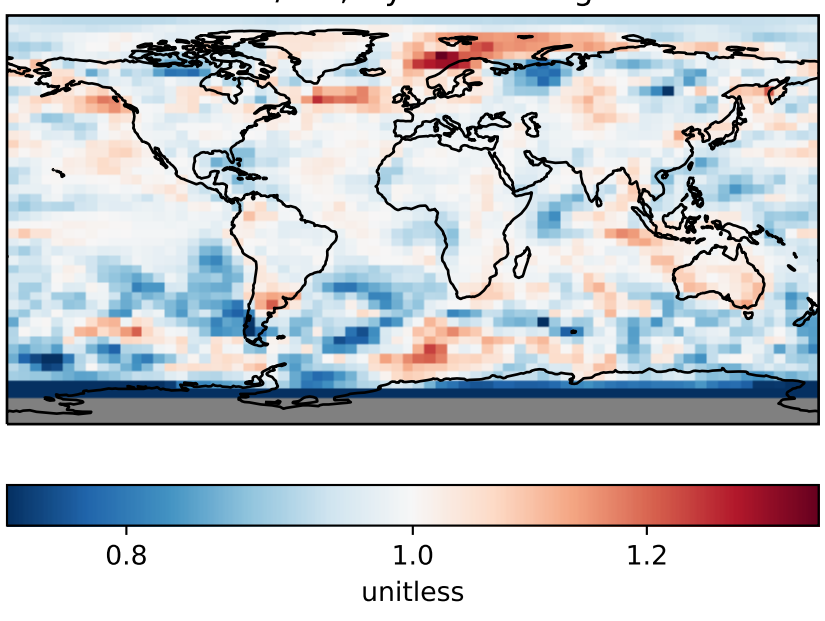
Difference
Dev - Ref, Dynamic Range



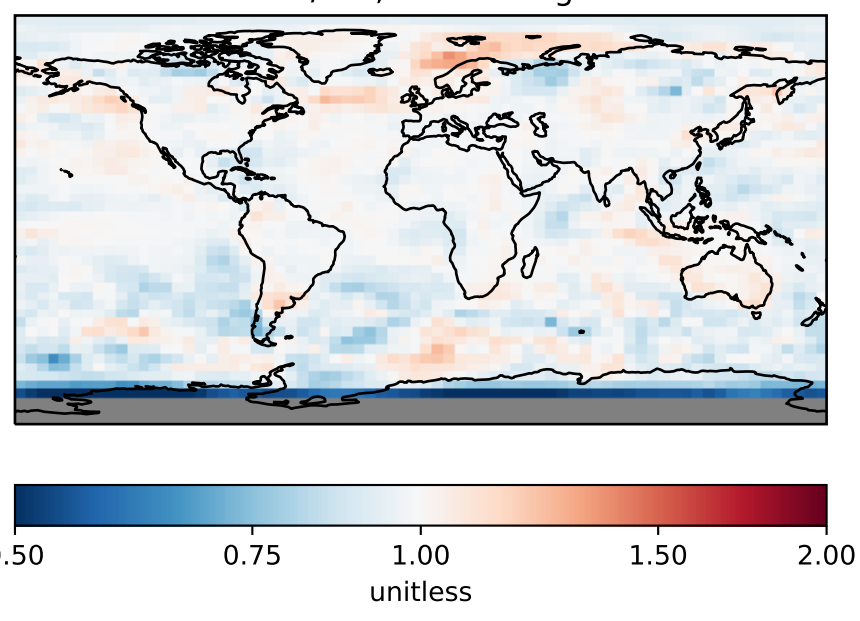
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

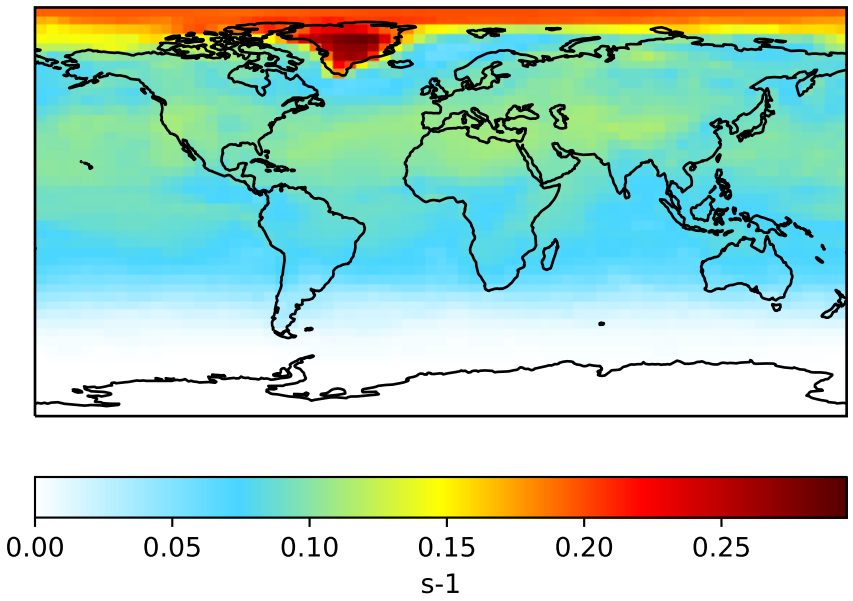


Ratio
Dev/Ref, Fixed Range

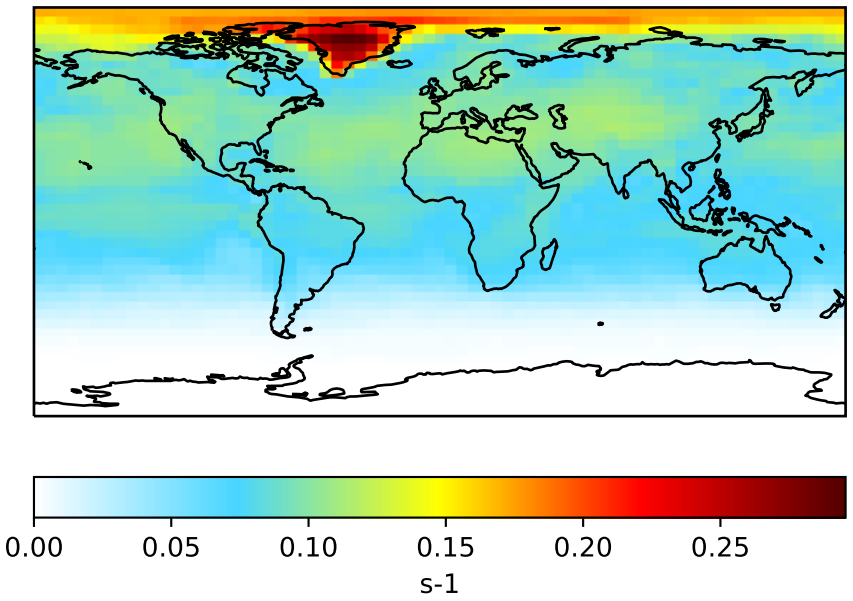


Jval_OIO (Jul2019)

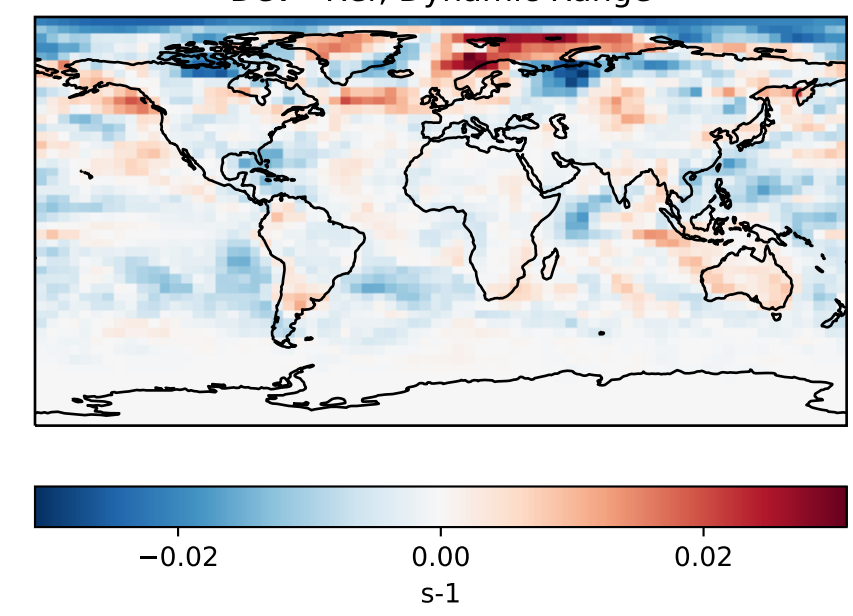
GCC_12.9.0 (Ref)
4.0x5.0



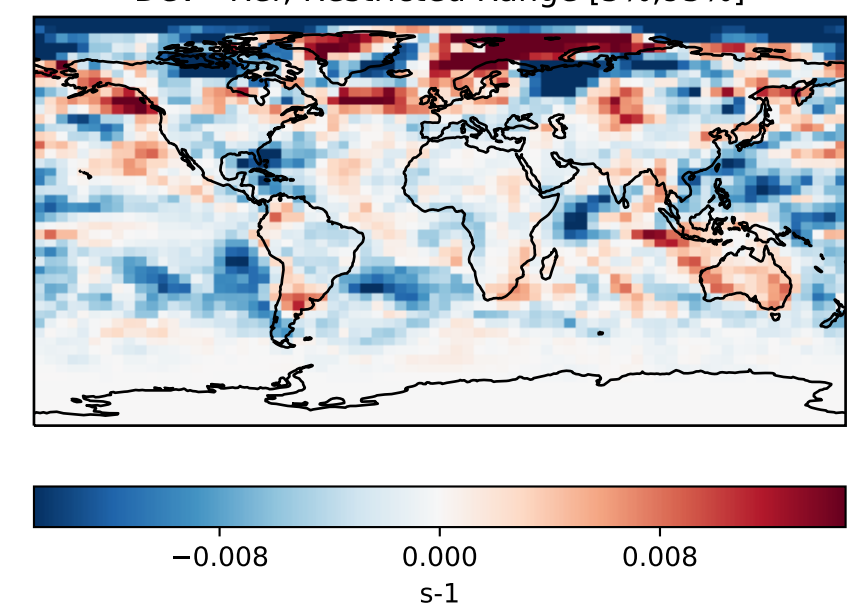
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



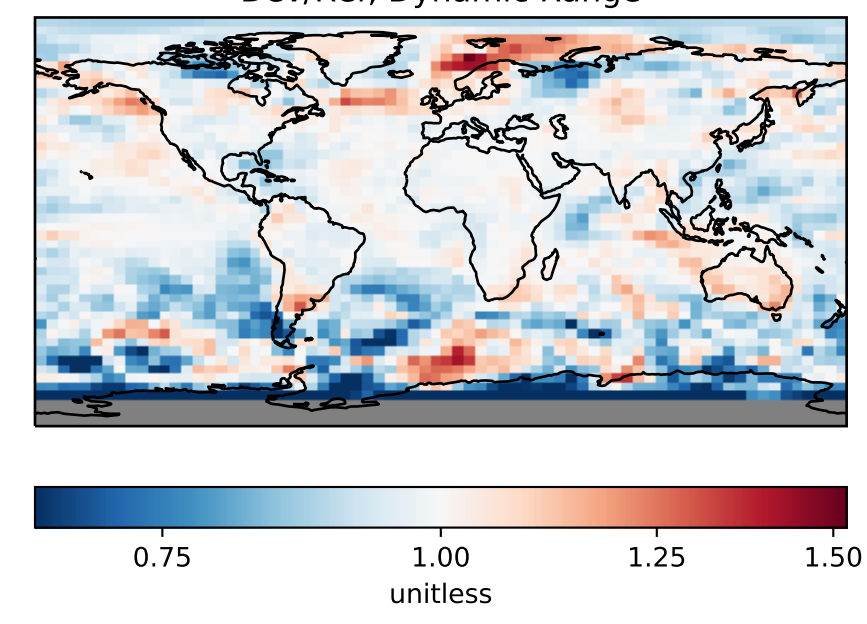
Difference
Dev - Ref, Dynamic Range



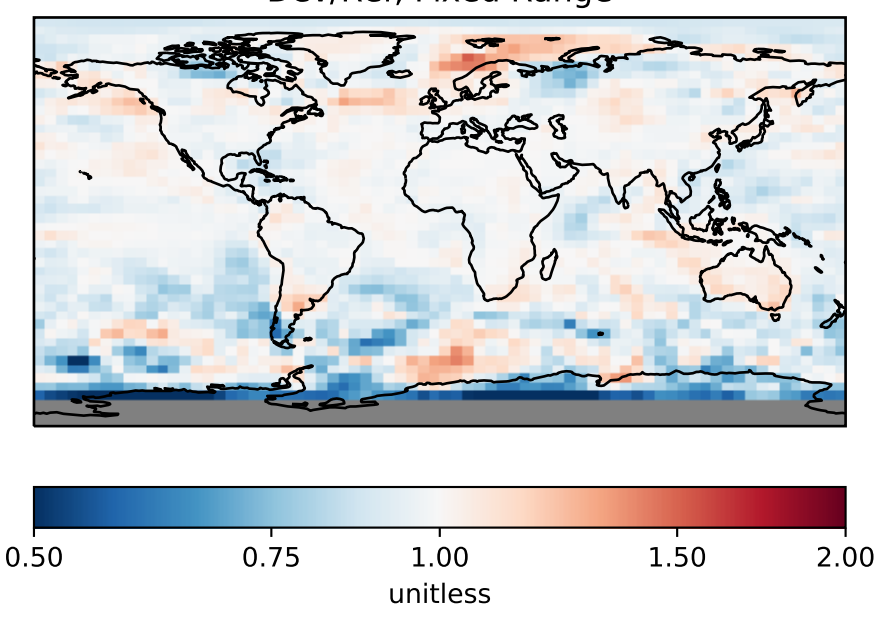
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

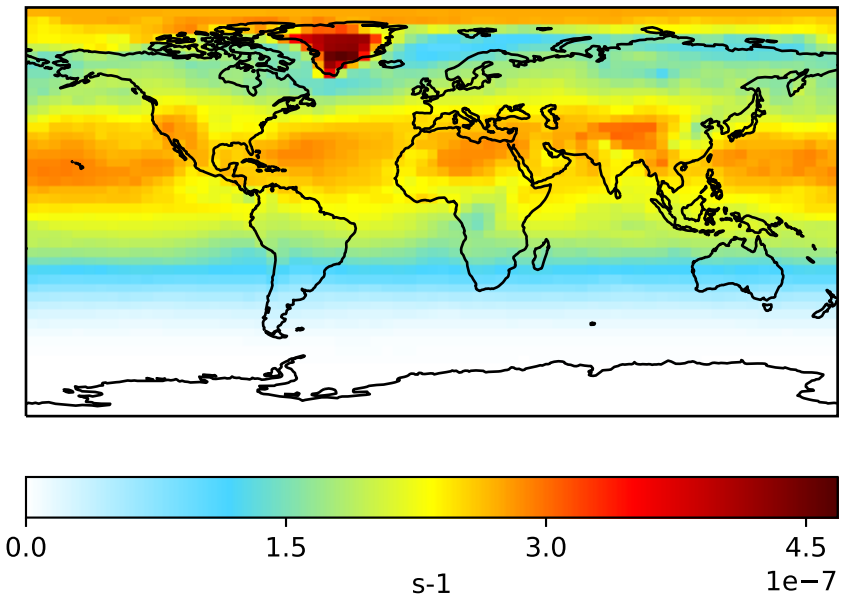


Ratio
Dev/Ref, Fixed Range

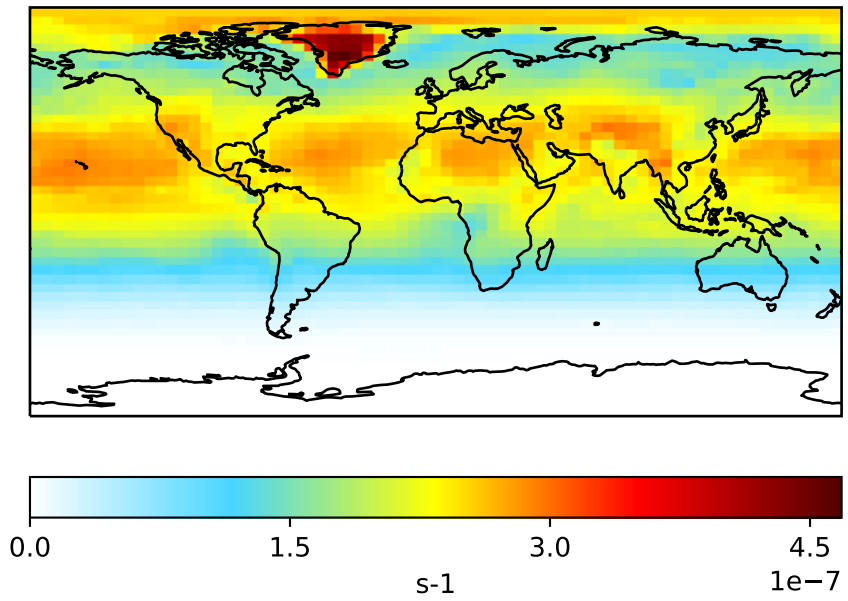


Jval_PAN (Jul2019)

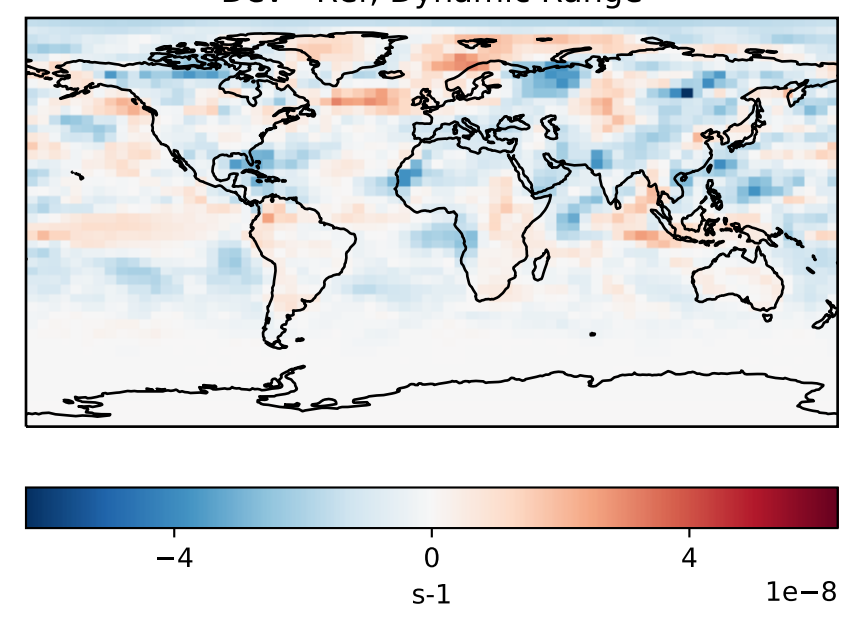
GCC_12.9.0 (Ref)
4.0x5.0



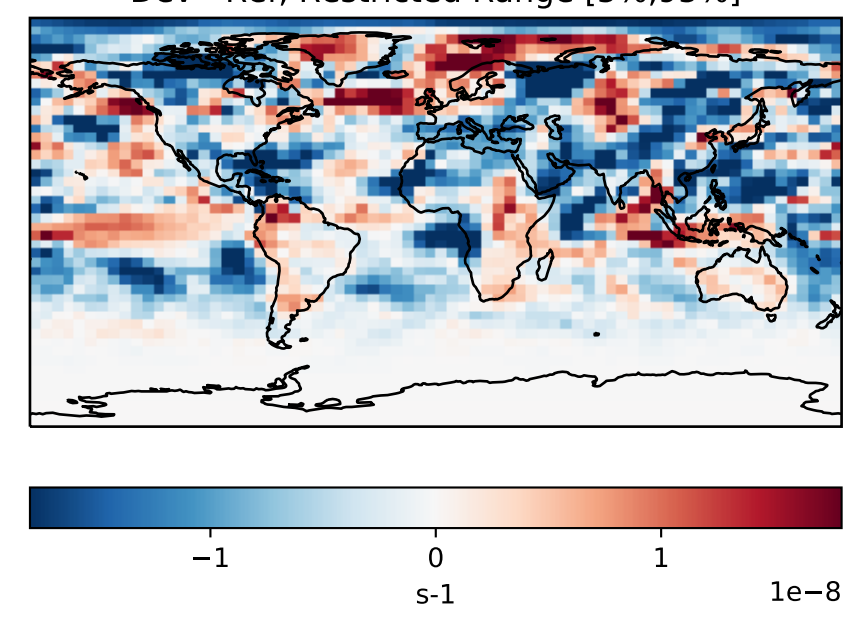
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



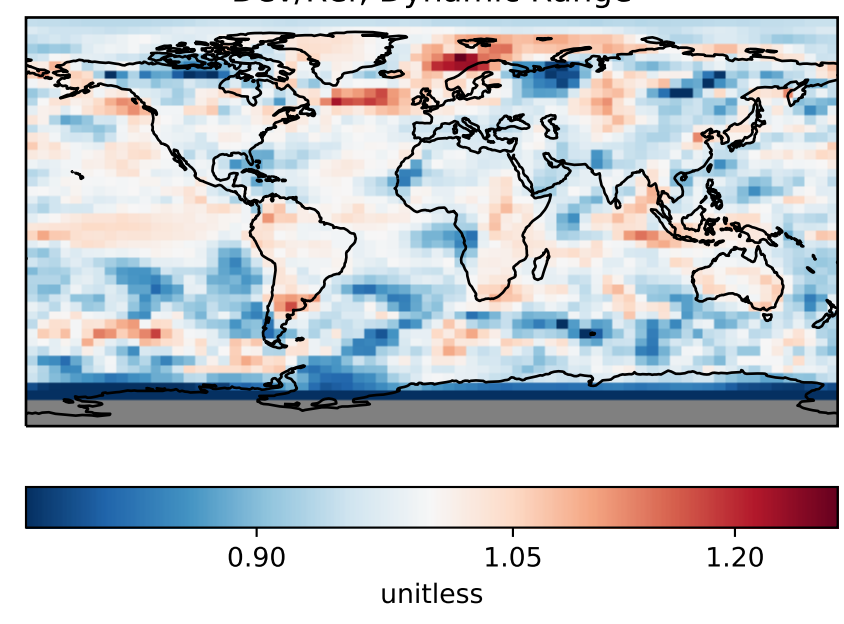
Difference
Dev - Ref, Dynamic Range



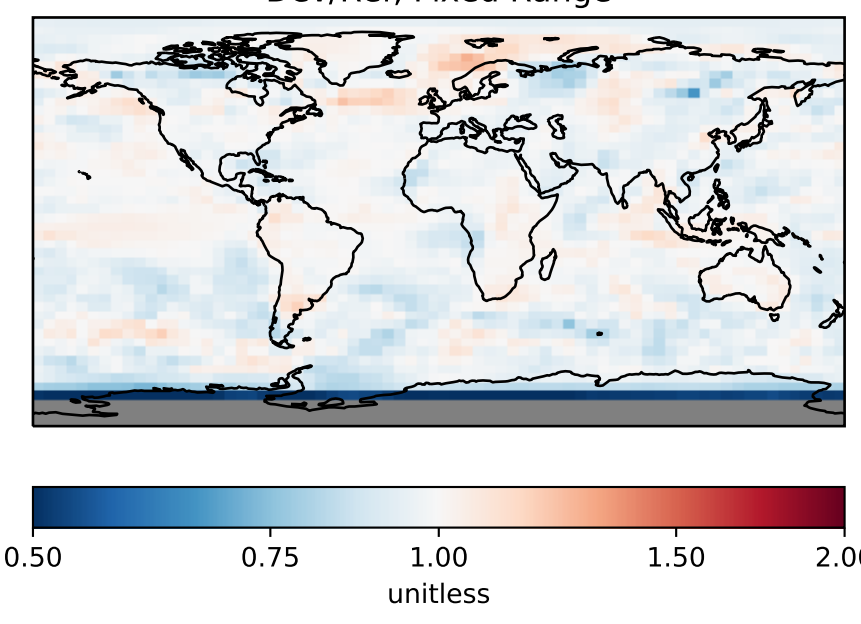
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

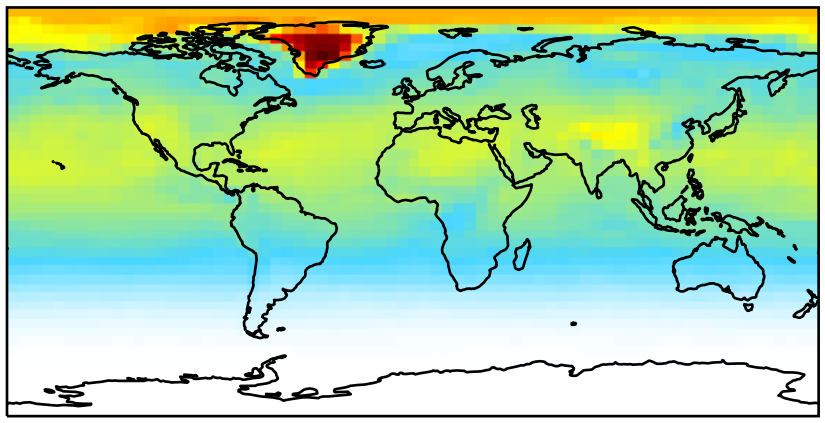


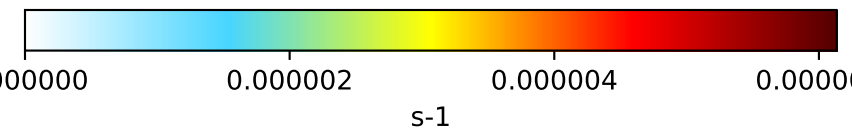
Ratio
Dev/Ref, Fixed Range



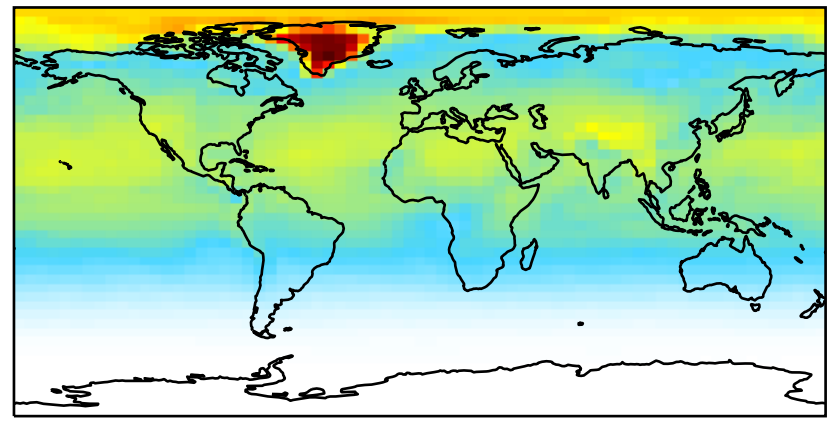
Jval_PIP (Jul2019)

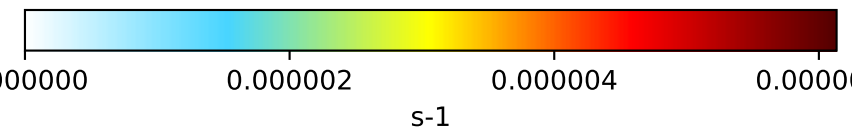
GCC_12.9.0 (Ref)
4.0x5.0



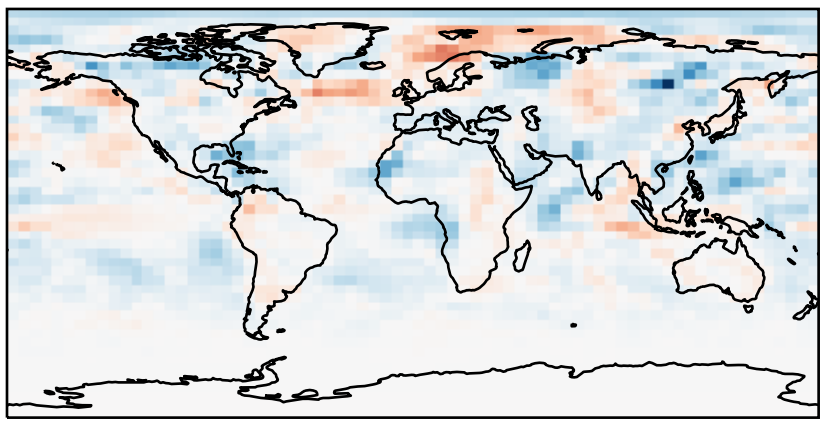


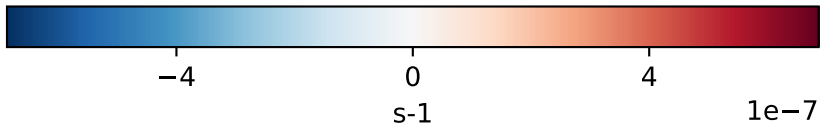
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



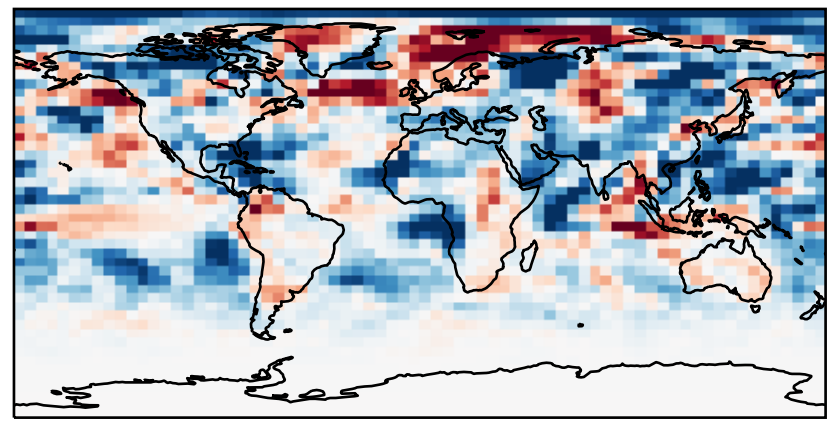


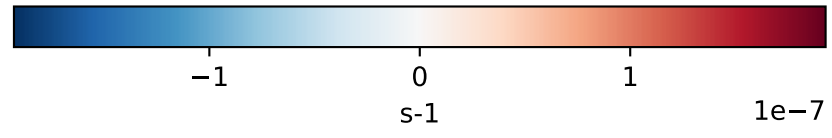
Difference
Dev - Ref, Dynamic Range



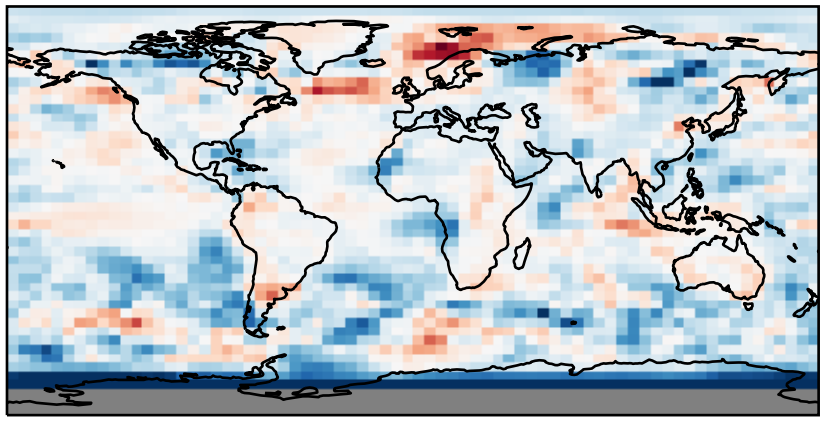


Difference
Dev - Ref, Restricted Range [5%,95%]



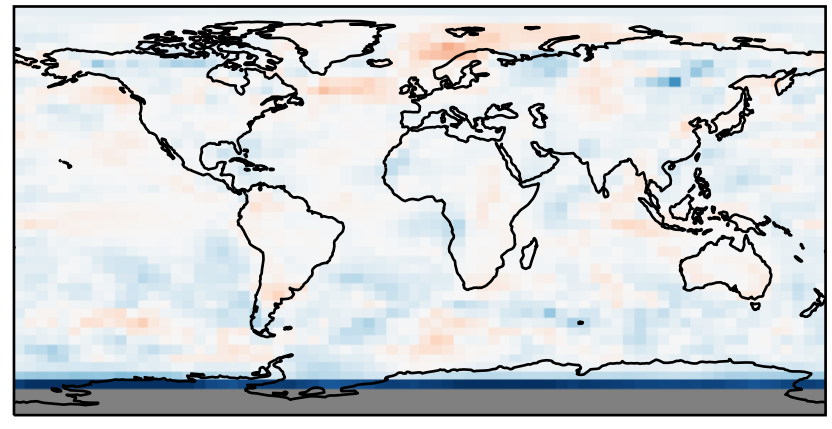


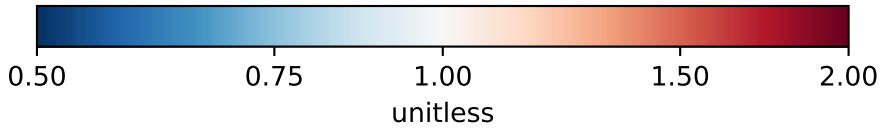
Ratio
Dev/Ref, Dynamic Range





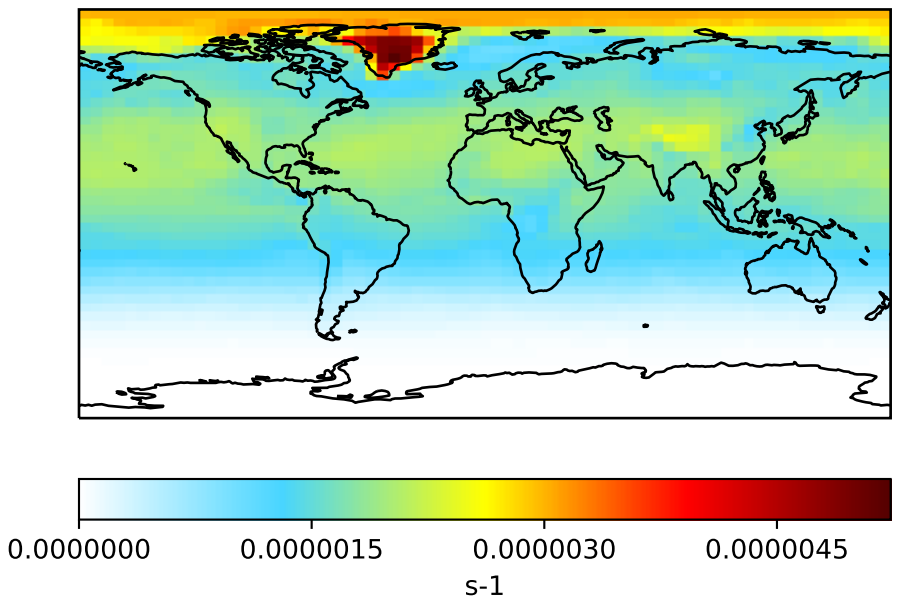
Ratio
Dev/Ref, Fixed Range



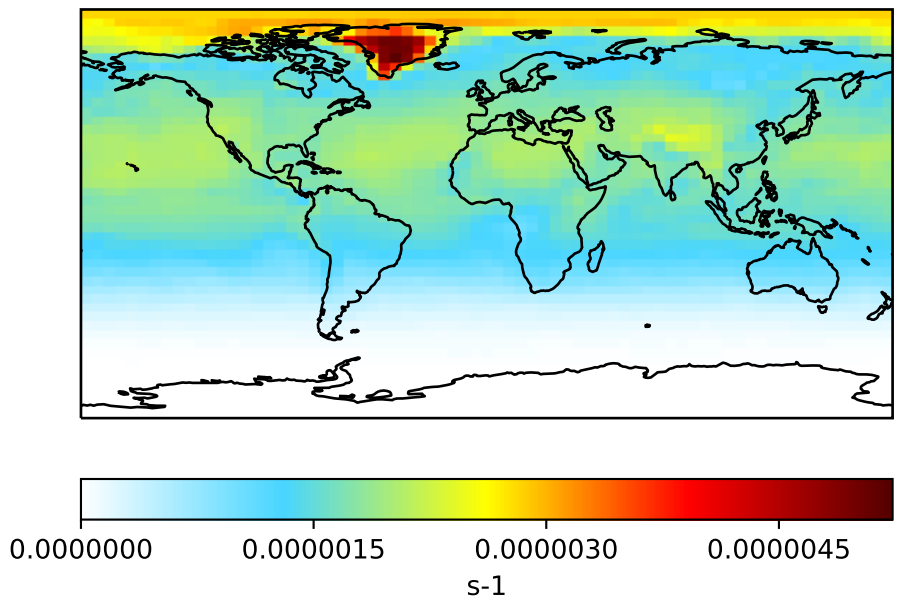


Jval_PP (Jul2019)

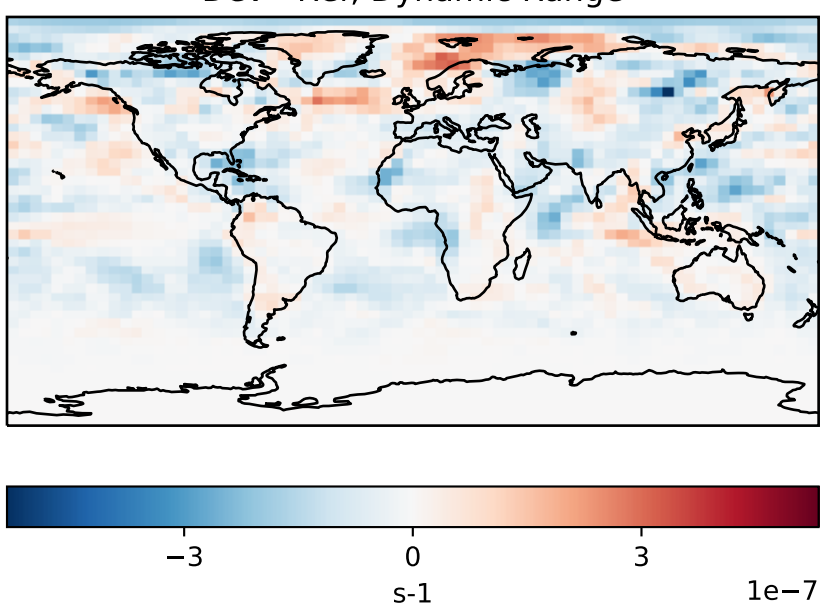
GCC_12.9.0 (Ref)
4.0x5.0



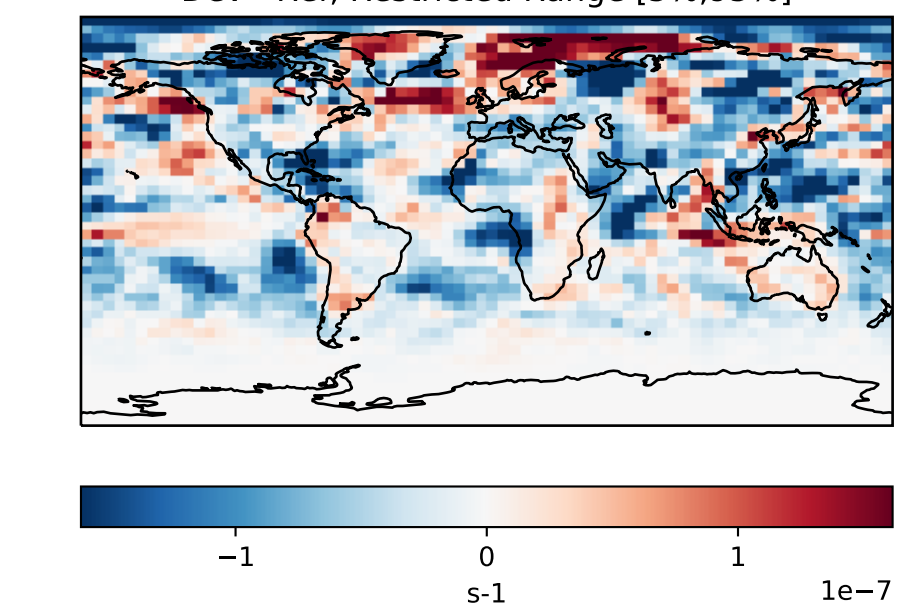
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



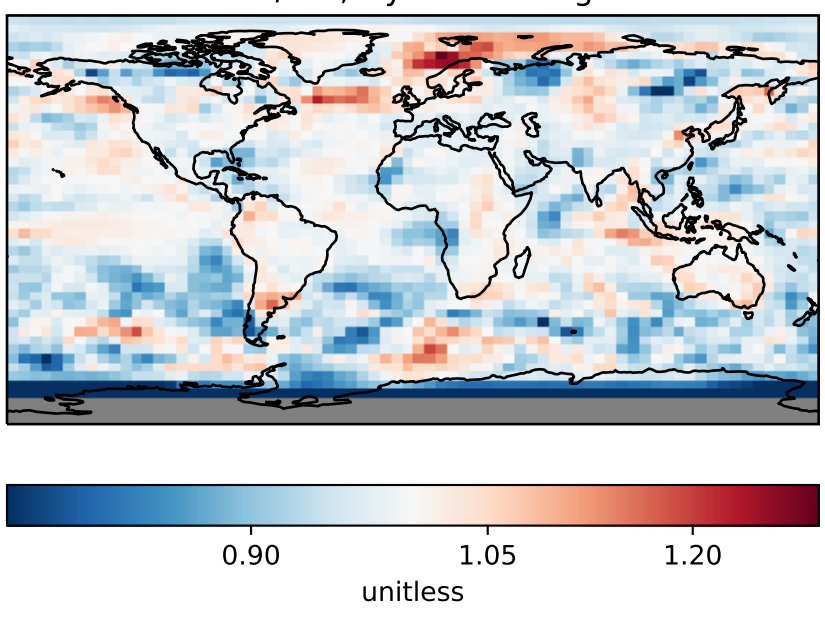
Difference
Dev - Ref, Dynamic Range



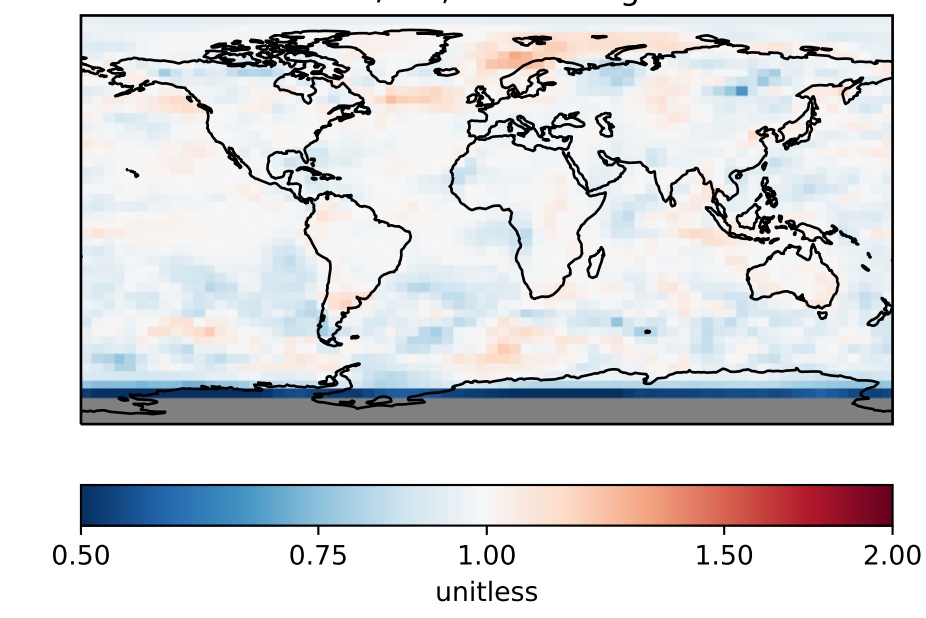
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

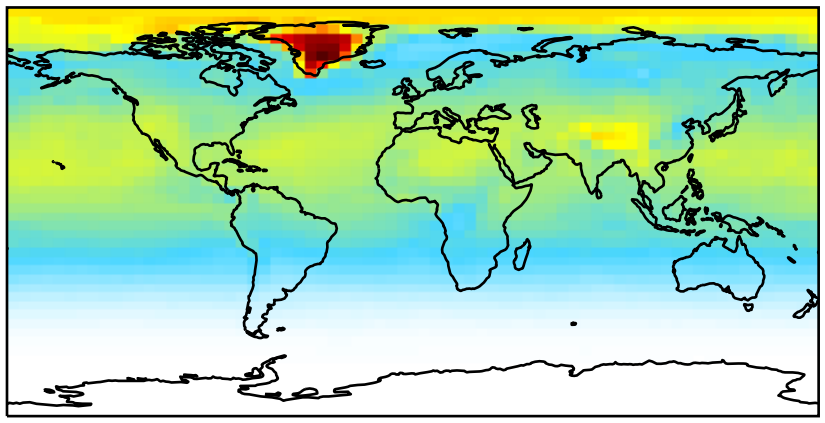


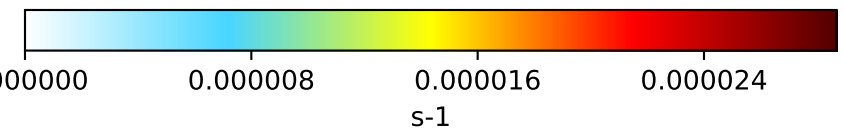
Ratio
Dev/Ref, Fixed Range



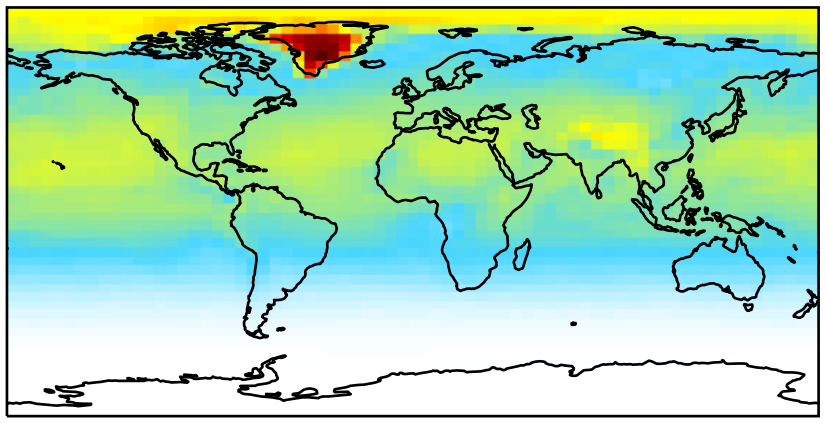
Jval_PROPNN (Jul2019)

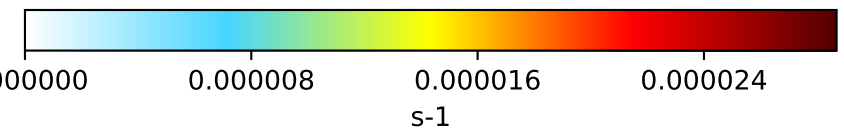
GCC_12.9.0 (Ref)
4.0x5.0



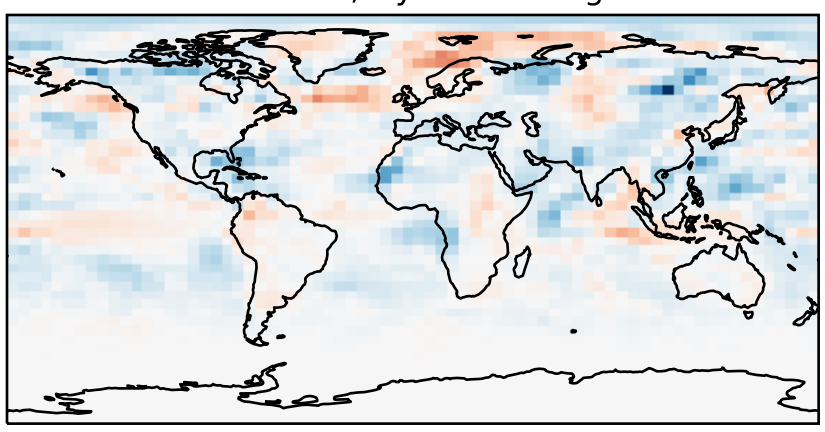


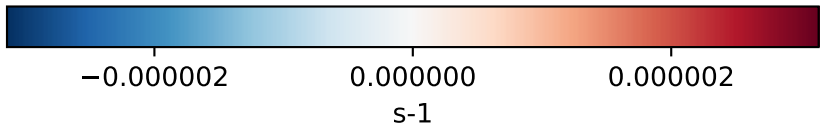
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



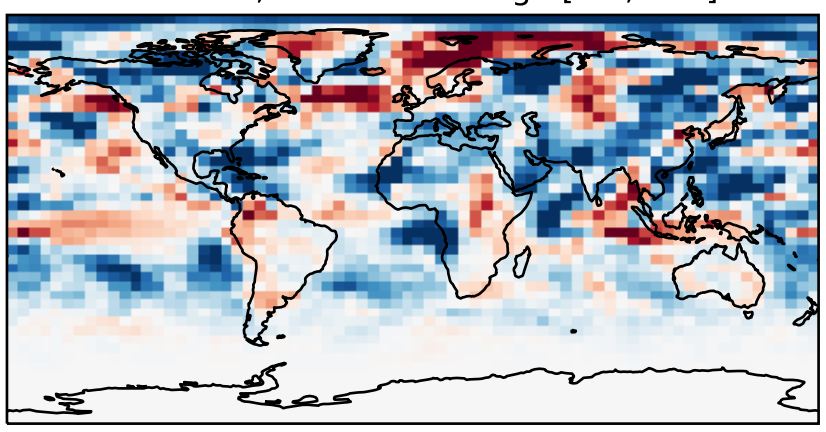


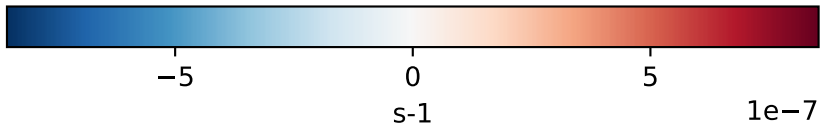
Difference
Dev - Ref, Dynamic Range



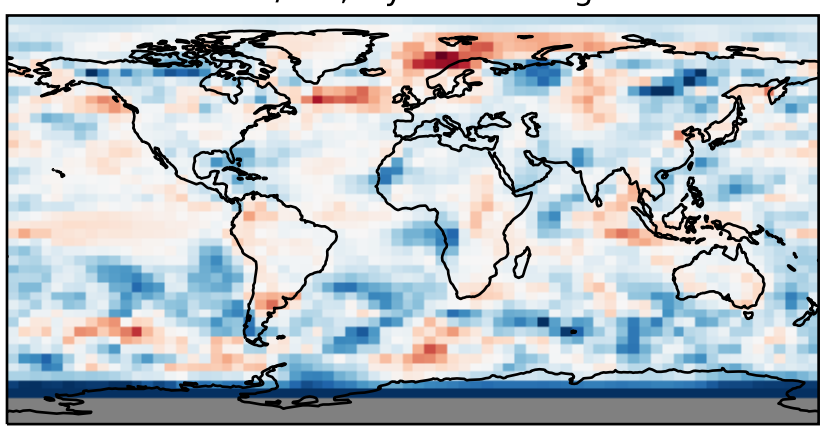


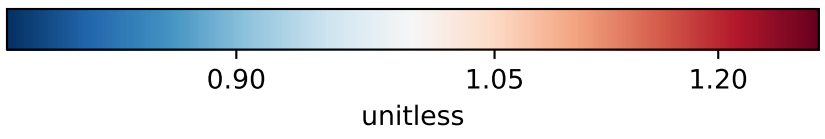
Difference
Dev - Ref, Restricted Range [5%,95%]



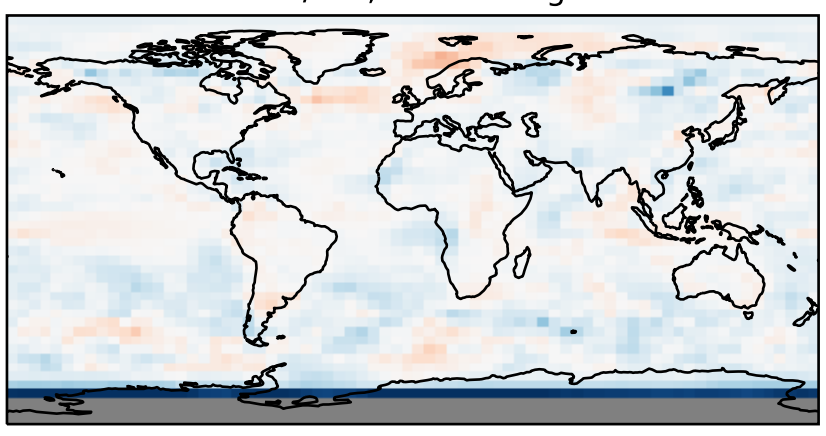


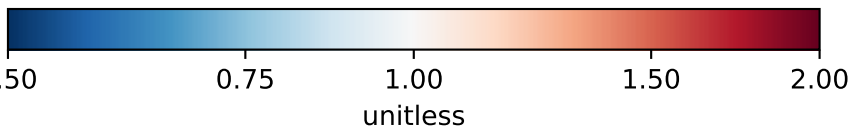
Ratio
Dev/Ref, Dynamic Range





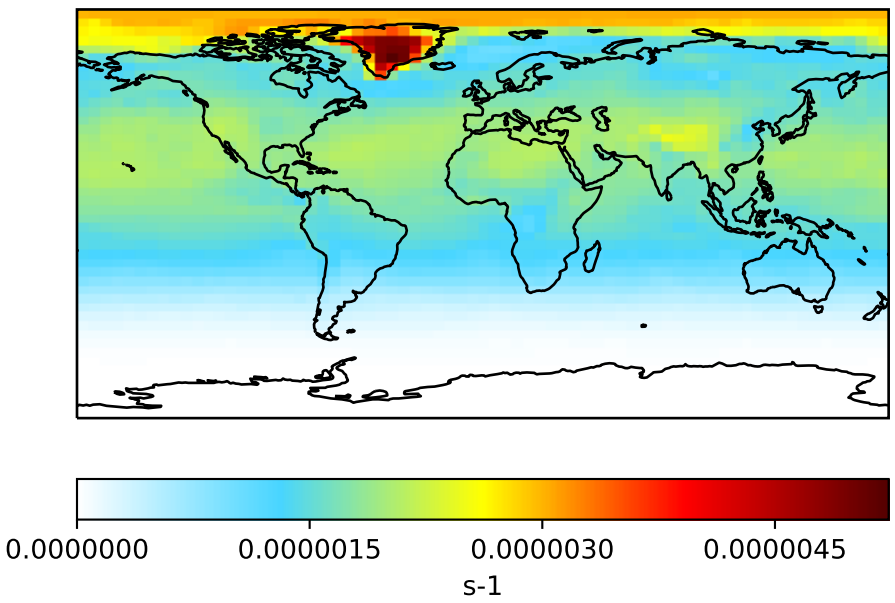
Ratio
Dev/Ref, Fixed Range



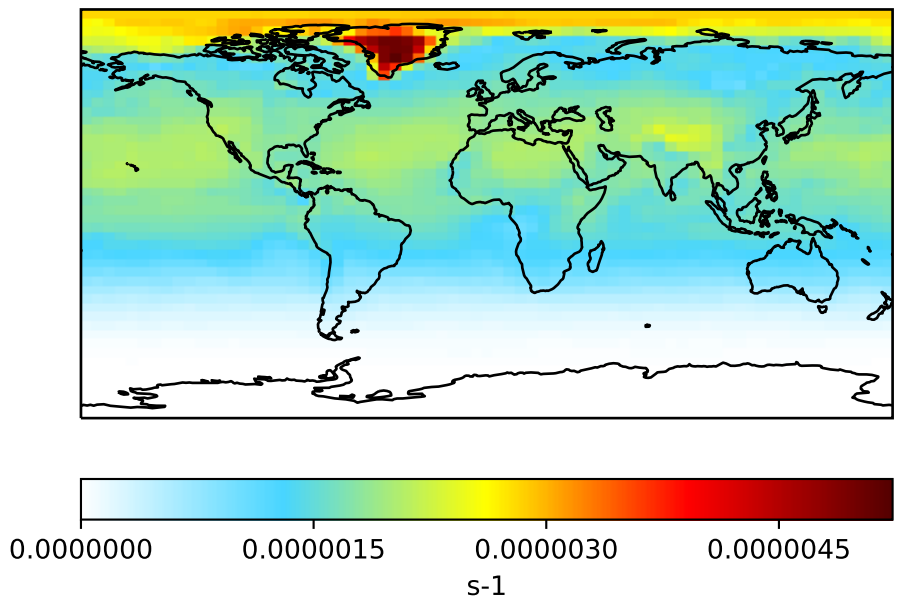


Jval_PRPN (Jul2019)

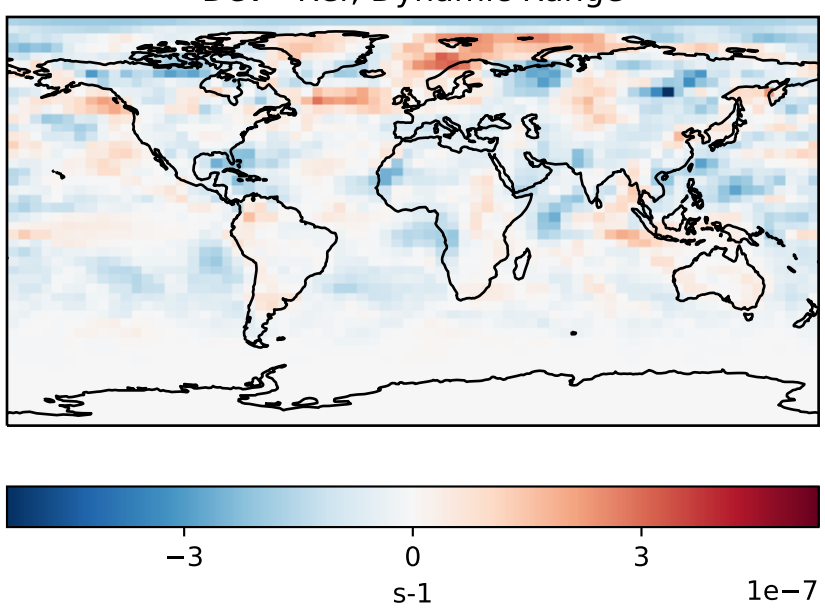
GCC_12.9.0 (Ref)
4.0x5.0



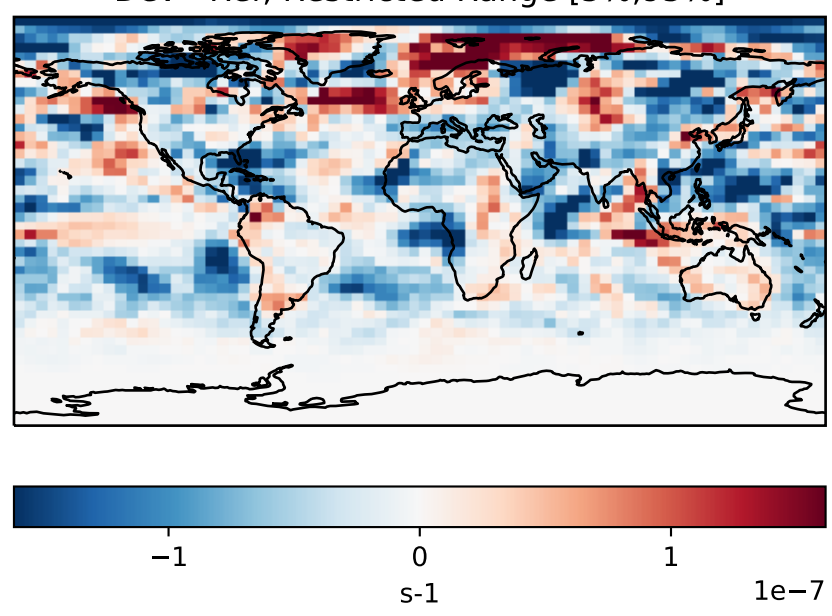
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



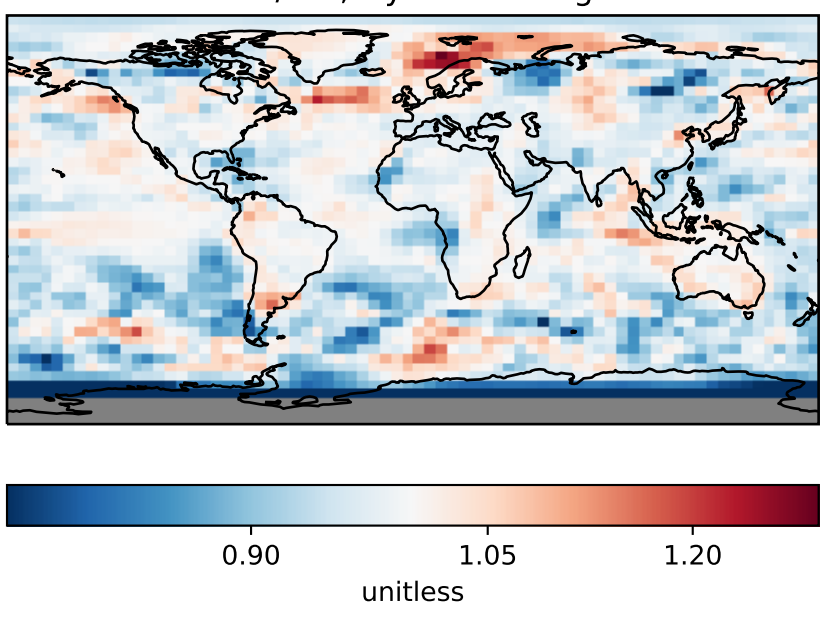
Difference
Dev - Ref, Dynamic Range



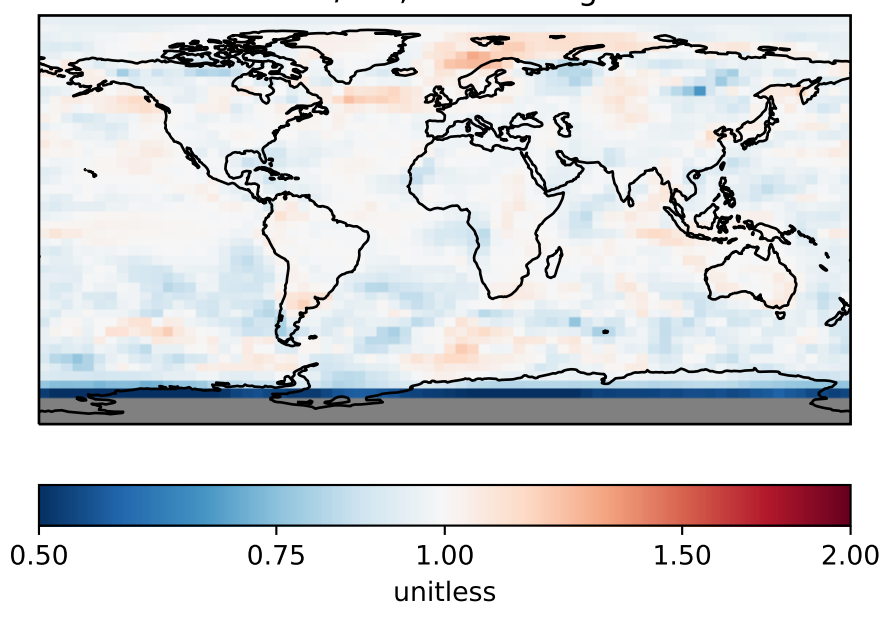
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

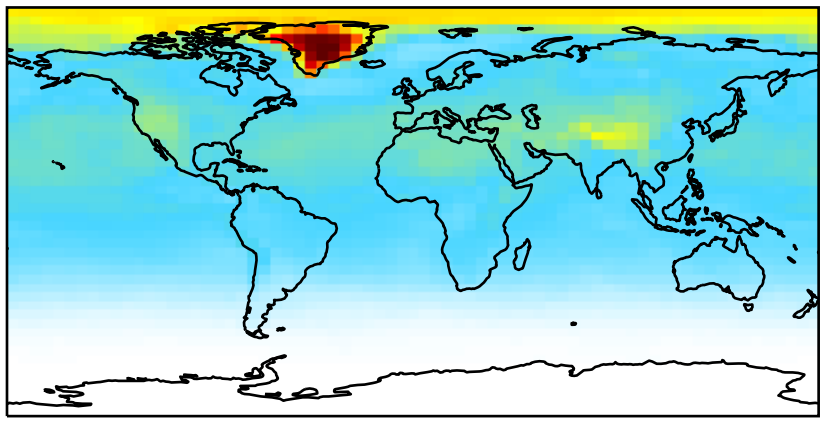


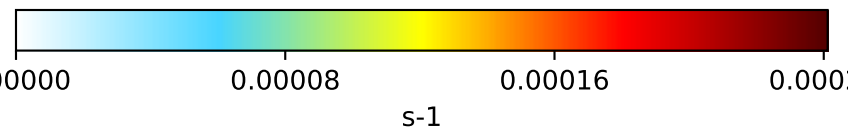
Ratio
Dev/Ref, Fixed Range



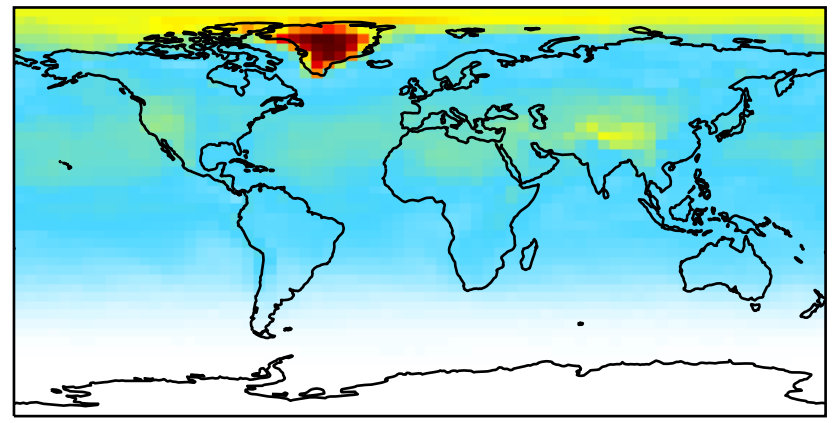
Jval_PYAC (Jul2019)

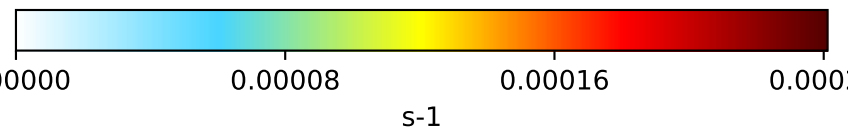
GCC_12.9.0 (Ref)
4.0x5.0



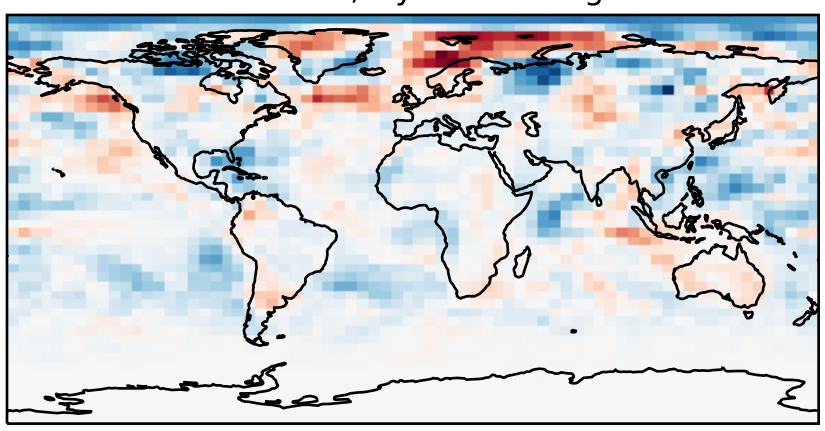


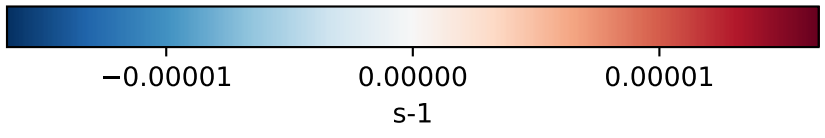
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



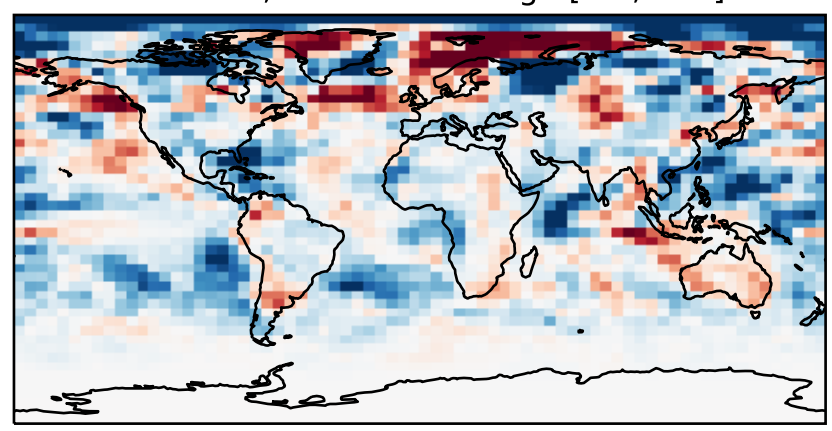


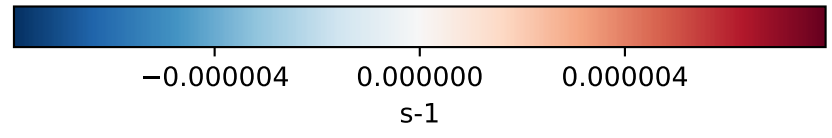
Difference
Dev - Ref, Dynamic Range



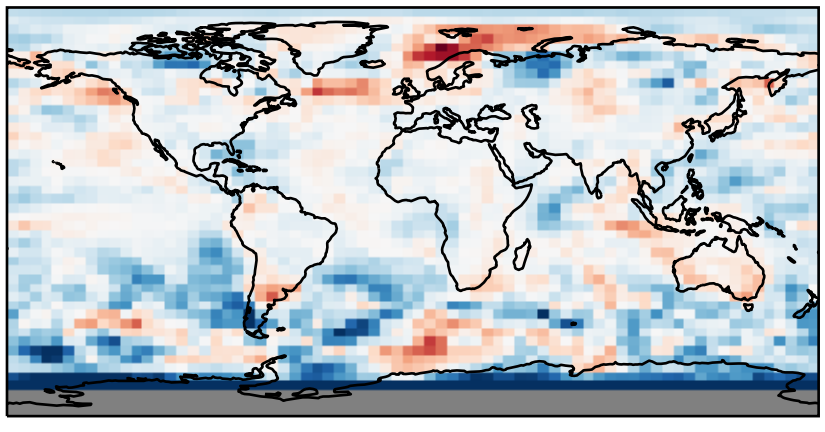


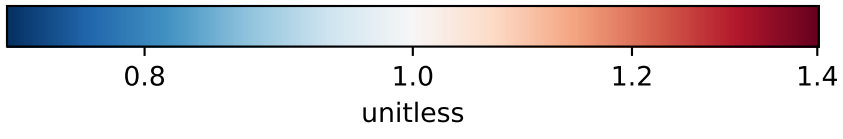
Difference
Dev - Ref, Restricted Range [5%,95%]



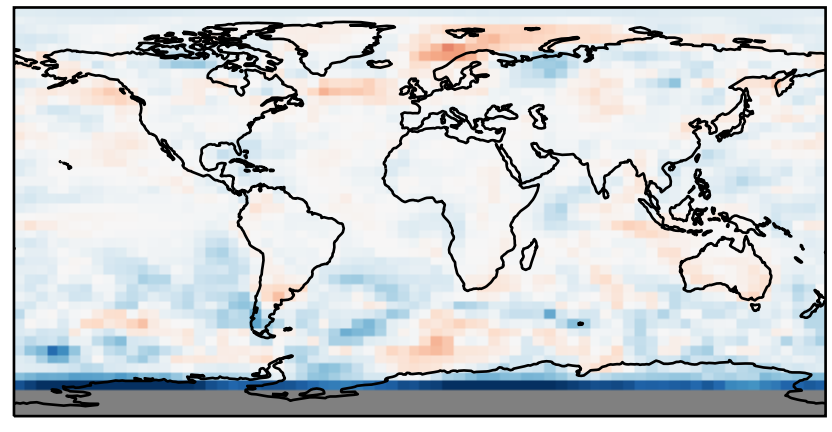


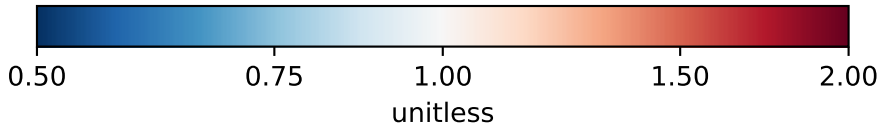
Ratio
Dev/Ref, Dynamic Range





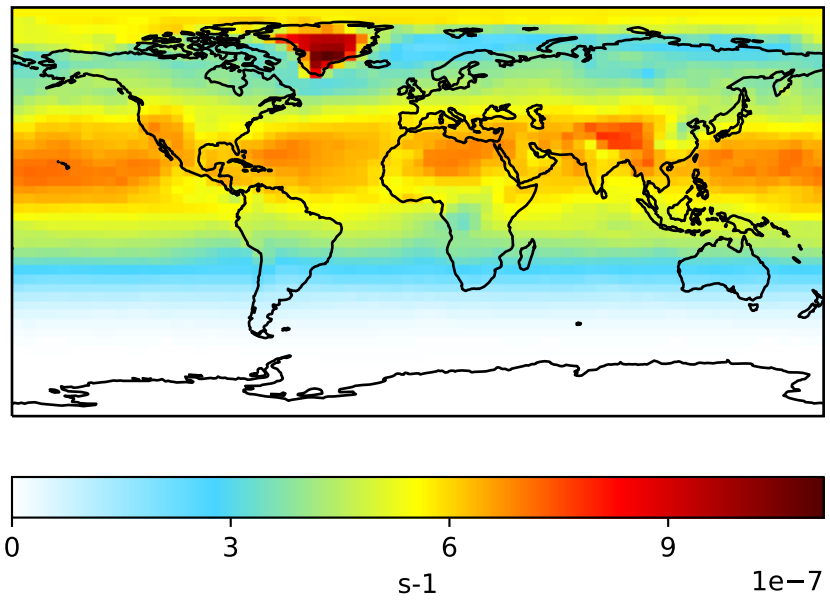
Ratio
Dev/Ref, Fixed Range



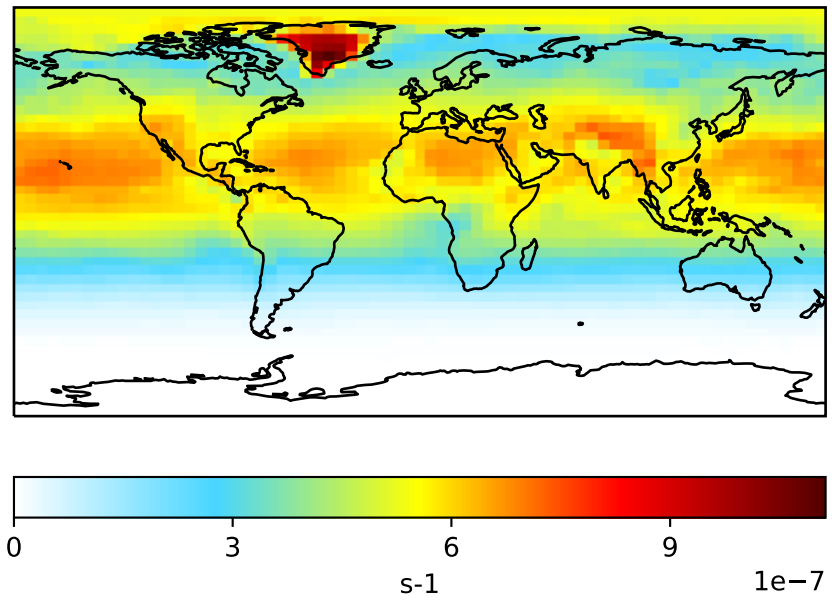


Jval_R4N2 (Jul2019)

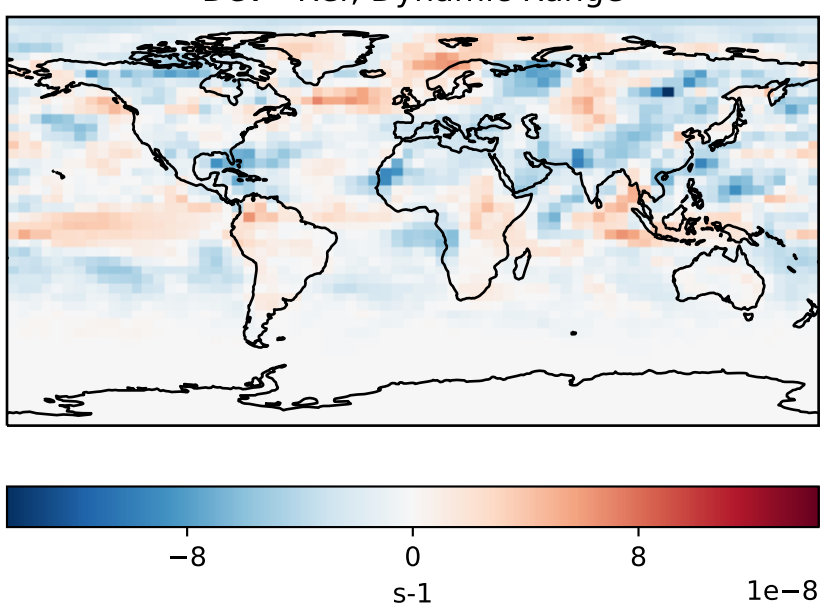
GCC_12.9.0 (Ref)
4.0x5.0



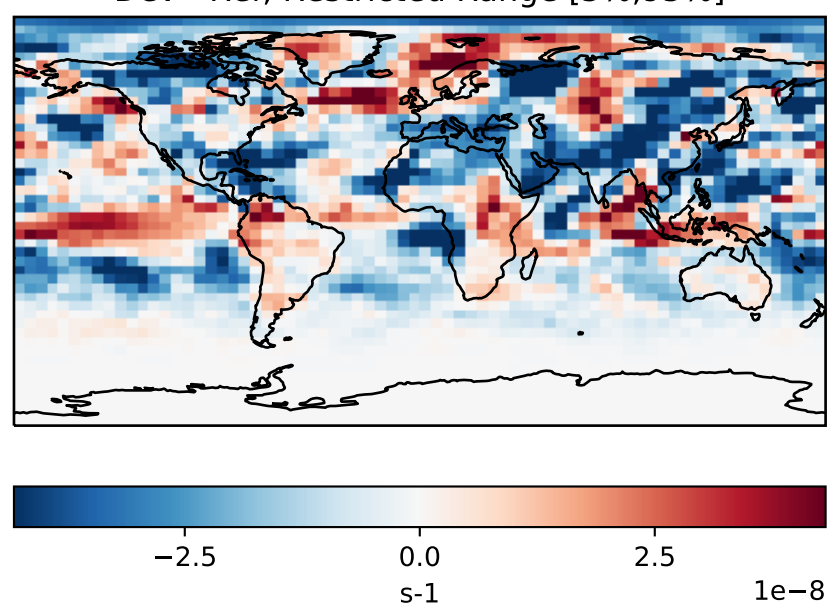
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



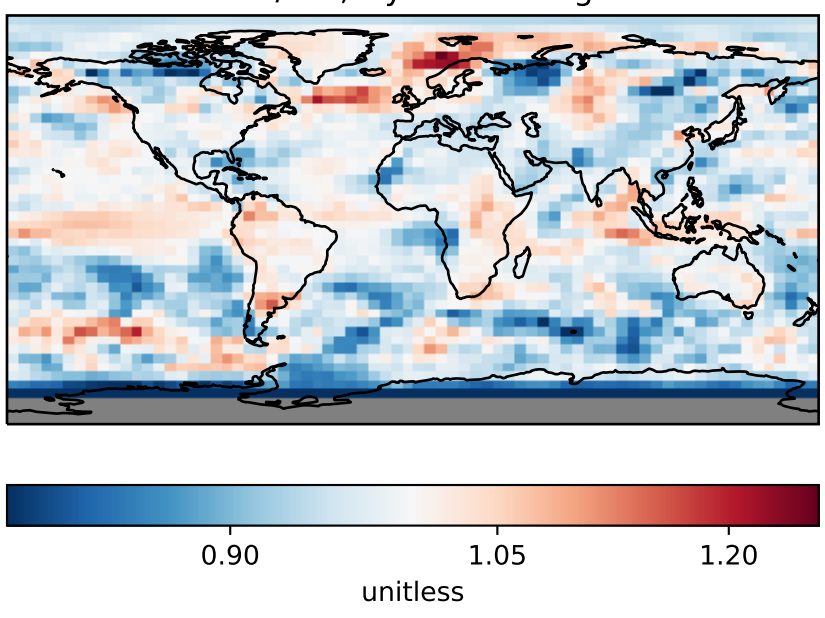
Difference
Dev - Ref, Dynamic Range



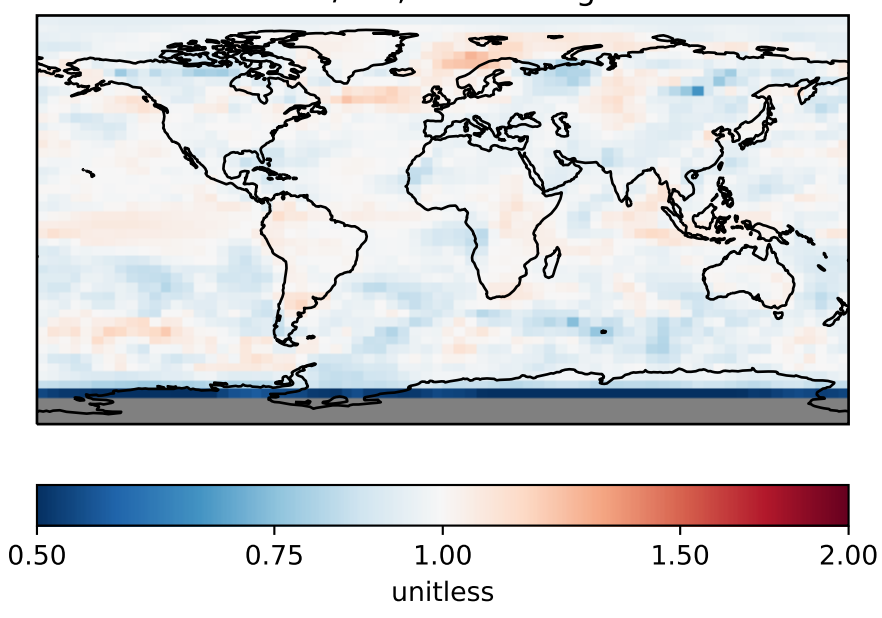
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

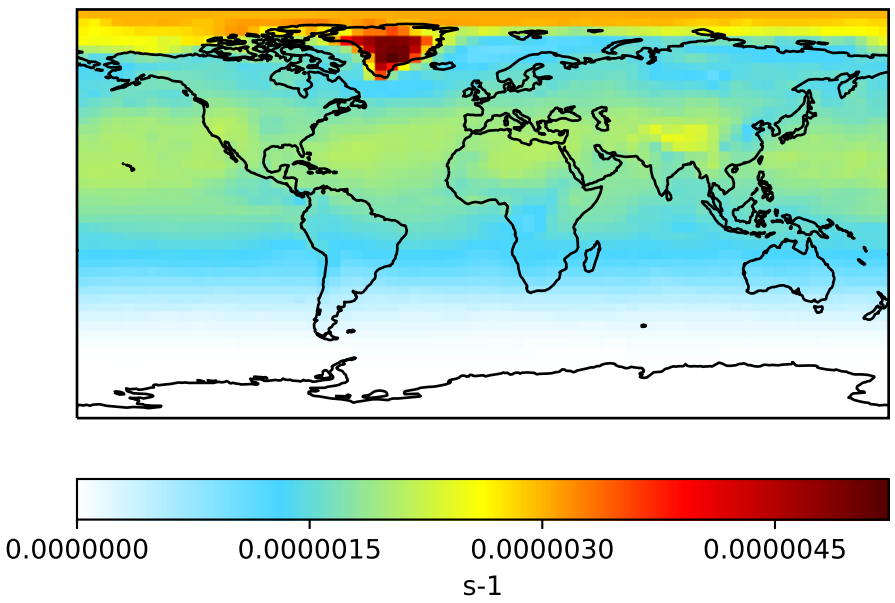


Ratio
Dev/Ref, Fixed Range

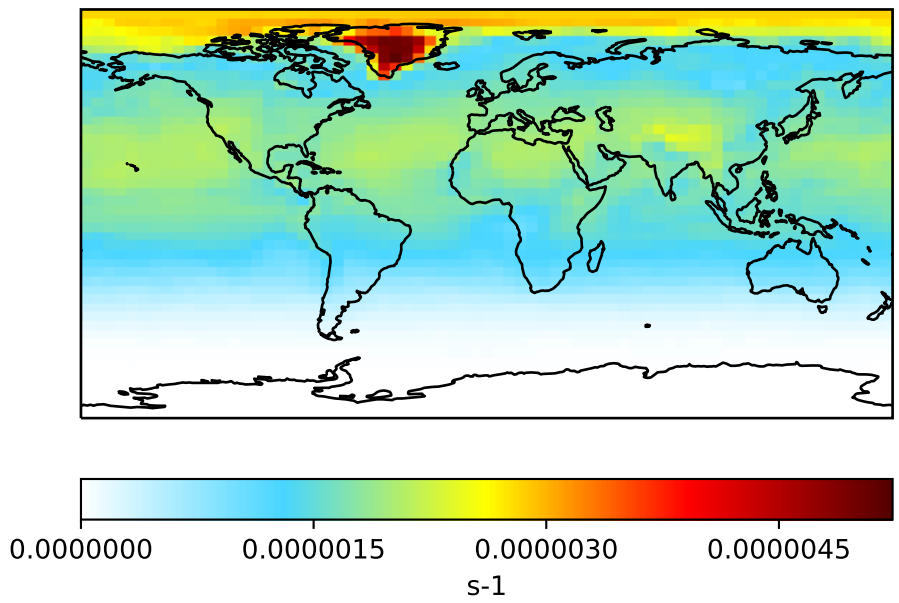


Jval_R4P (Jul2019)

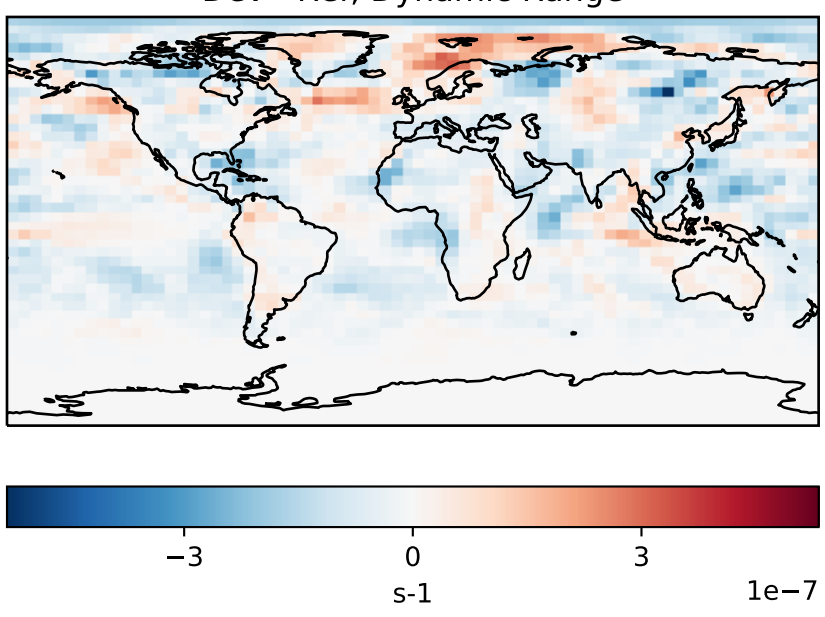
GCC_12.9.0 (Ref)
4.0x5.0



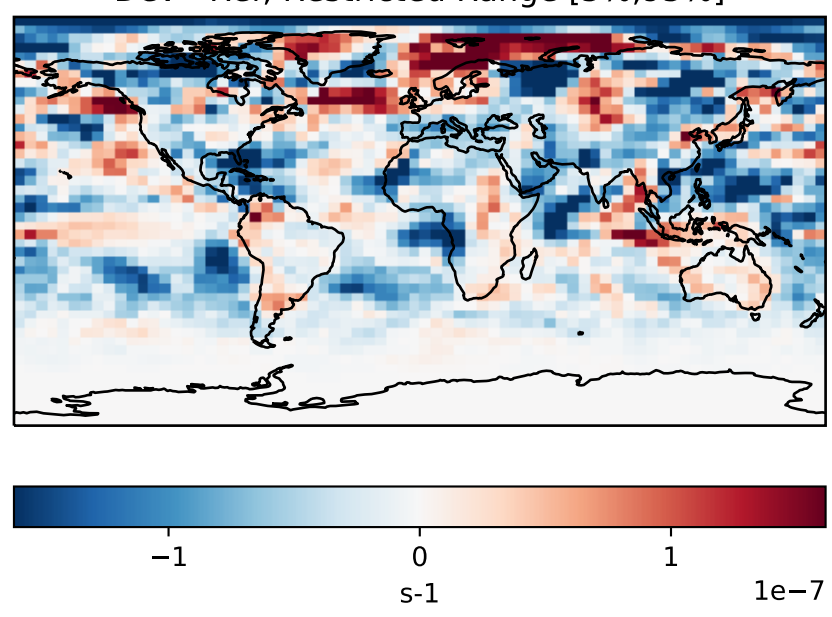
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



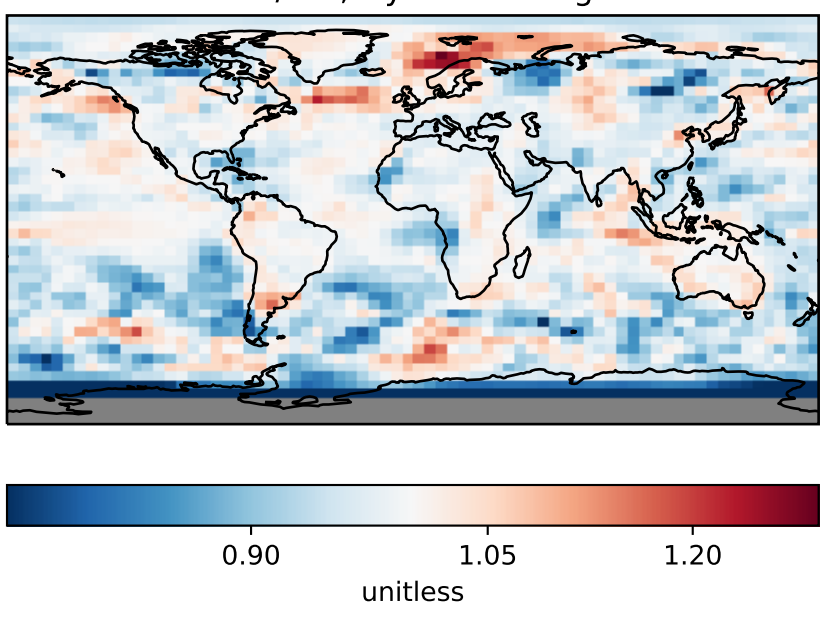
Difference
Dev - Ref, Dynamic Range



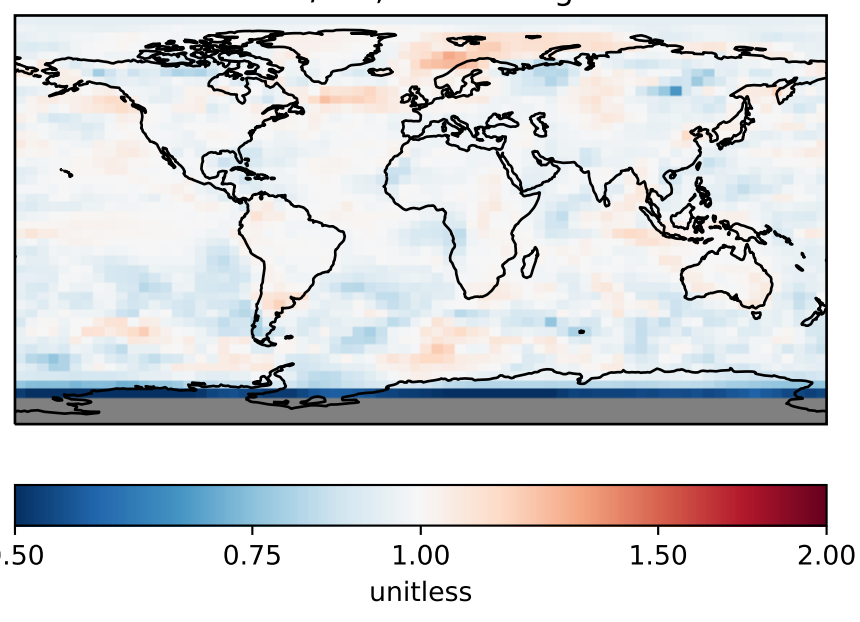
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

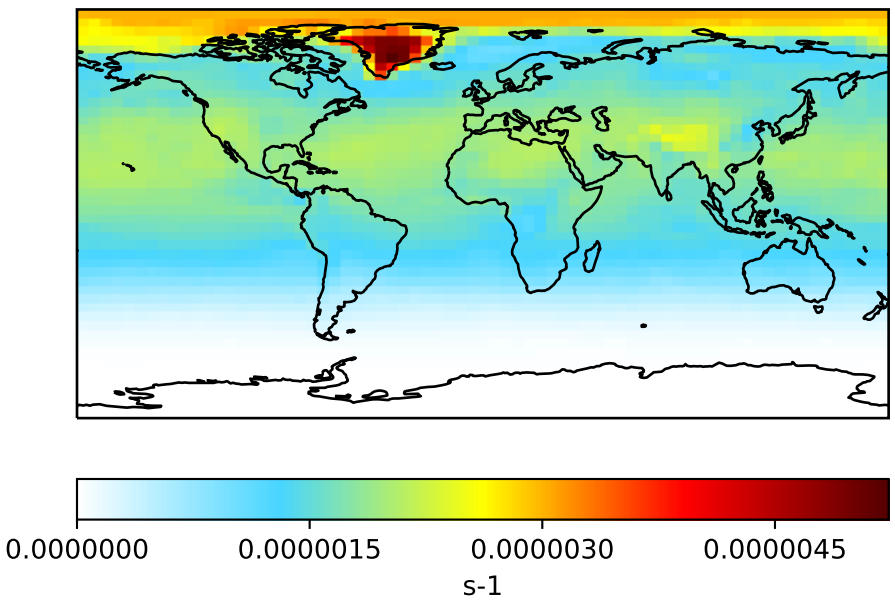


Ratio
Dev/Ref, Fixed Range

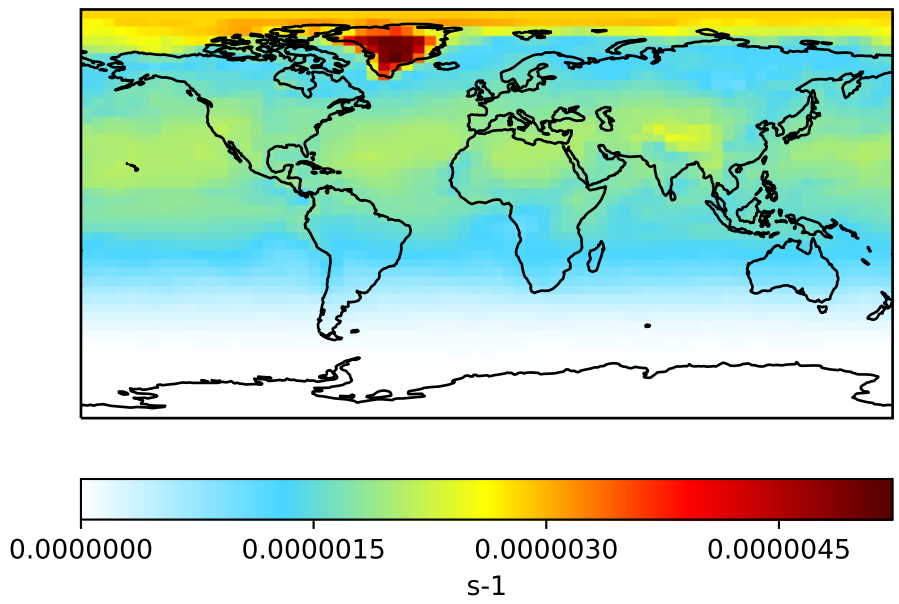


Jval_RA3P (Jul2019)

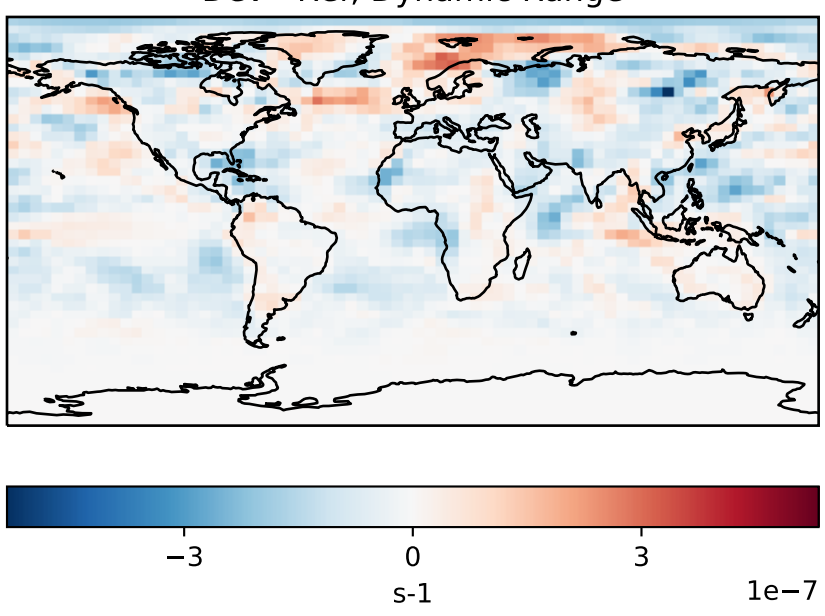
GCC_12.9.0 (Ref)
4.0x5.0



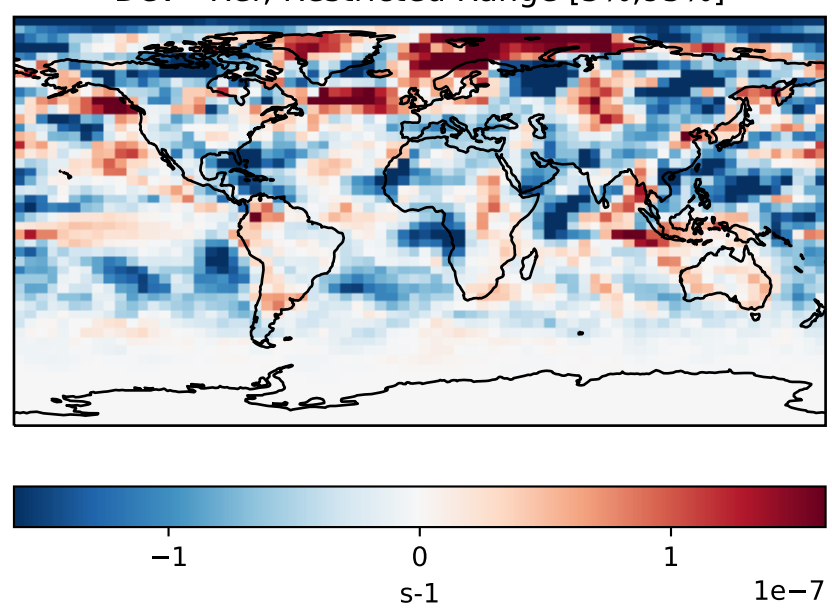
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



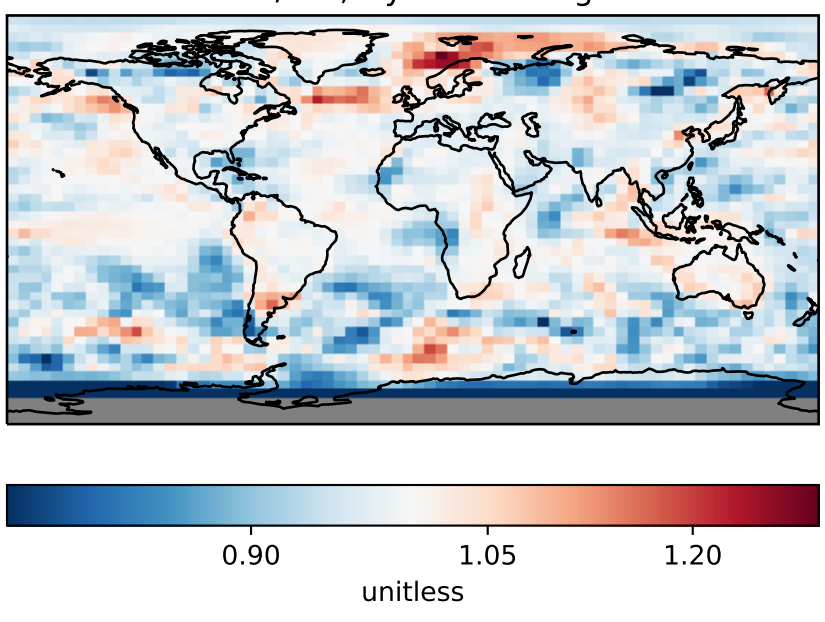
Difference
Dev - Ref, Dynamic Range



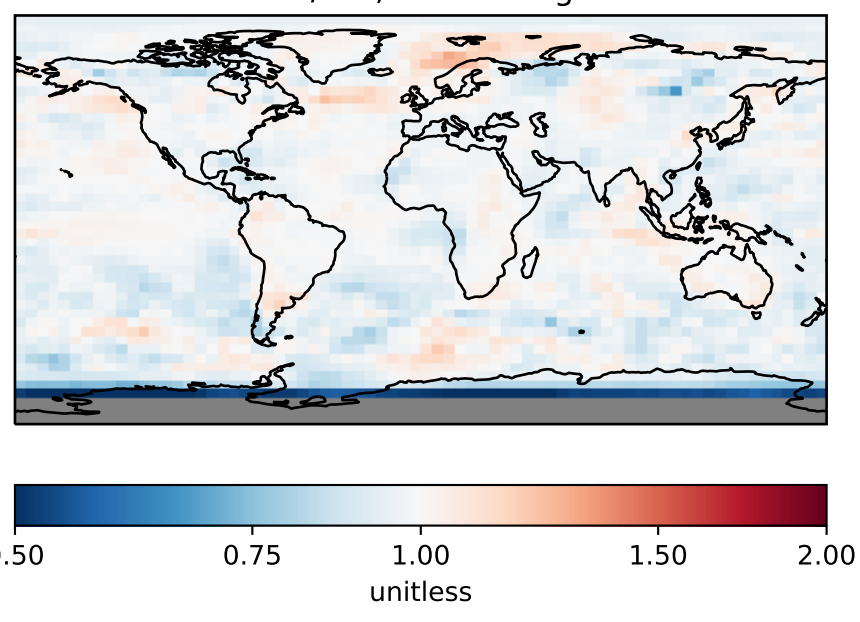
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

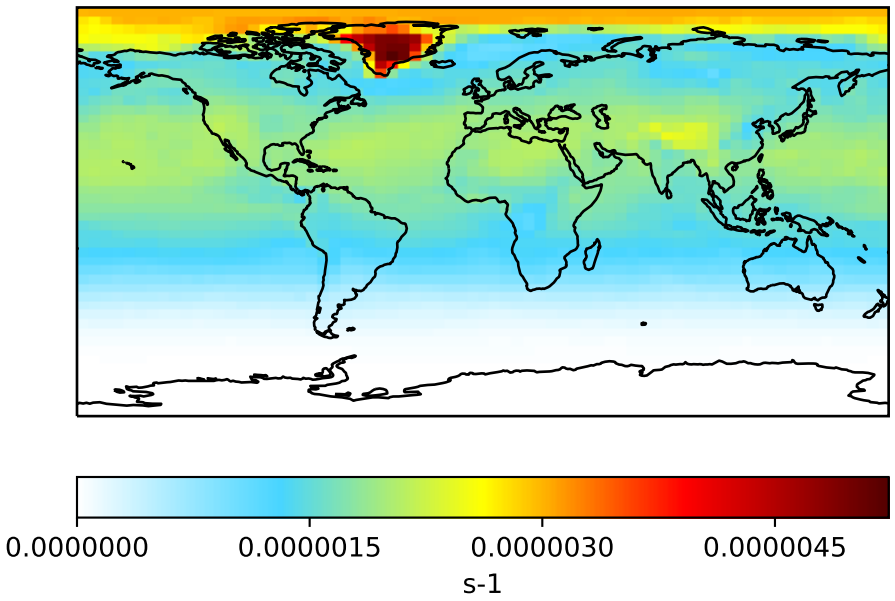


Ratio
Dev/Ref, Fixed Range

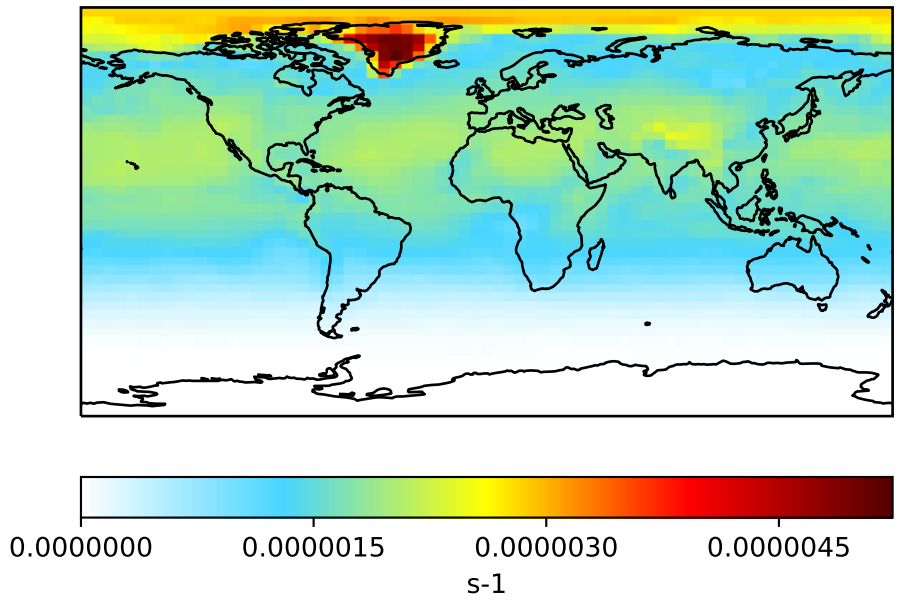


Jval_RB3P (Jul2019)

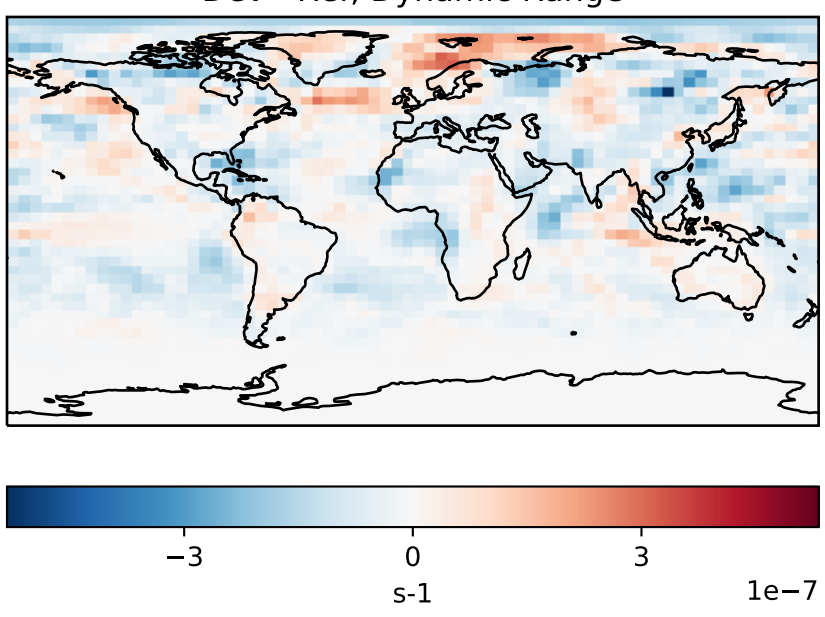
GCC_12.9.0 (Ref)
4.0x5.0



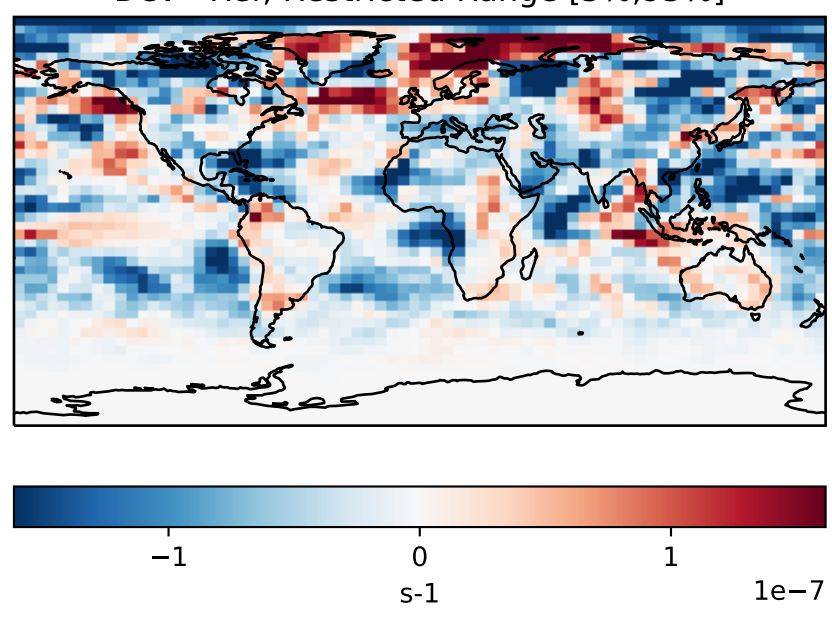
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



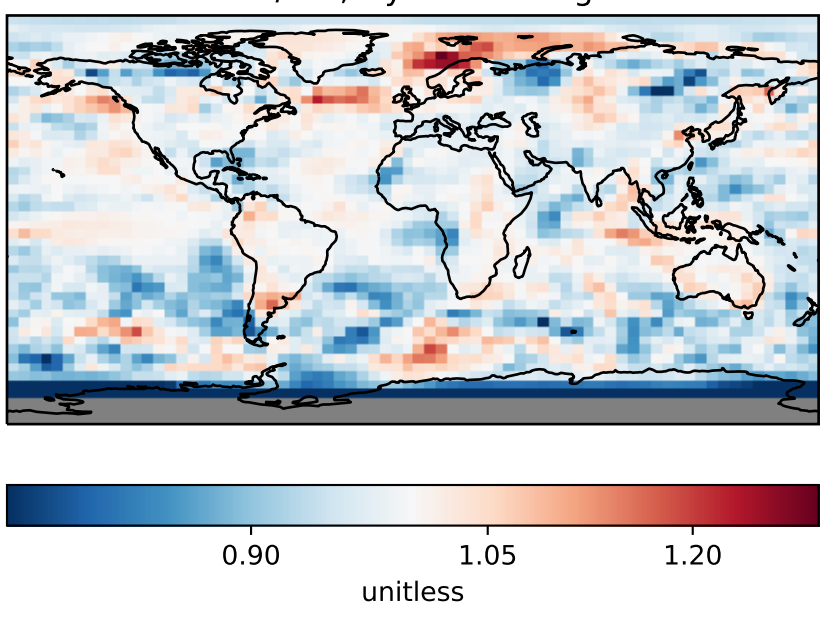
Difference
Dev - Ref, Dynamic Range



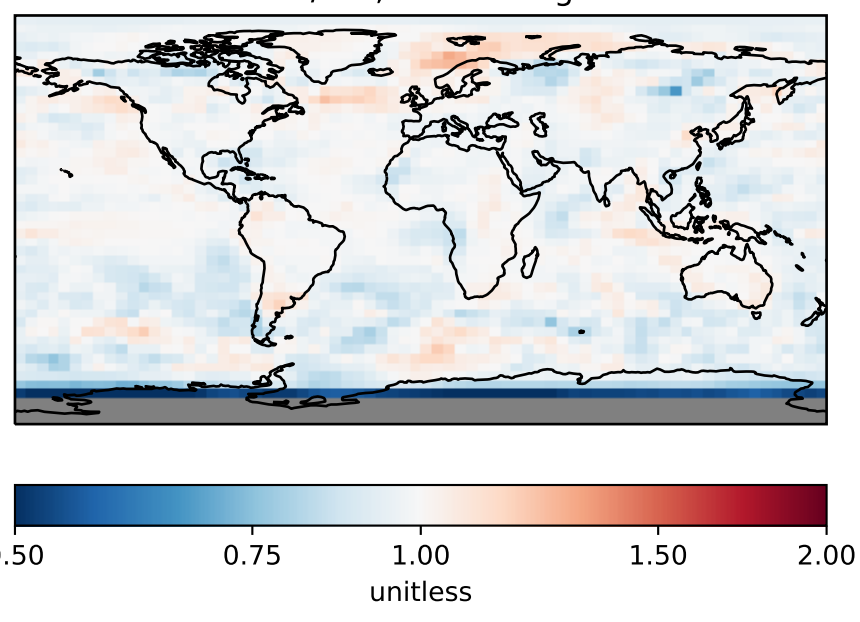
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

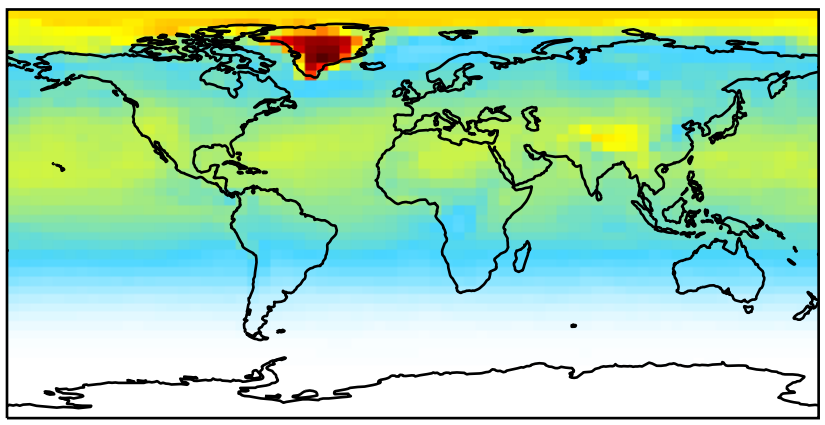


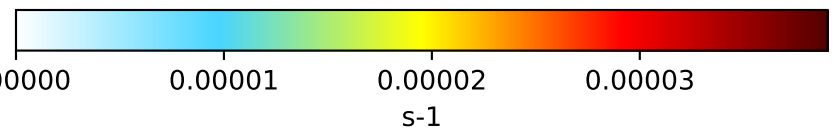
Ratio
Dev/Ref, Fixed Range



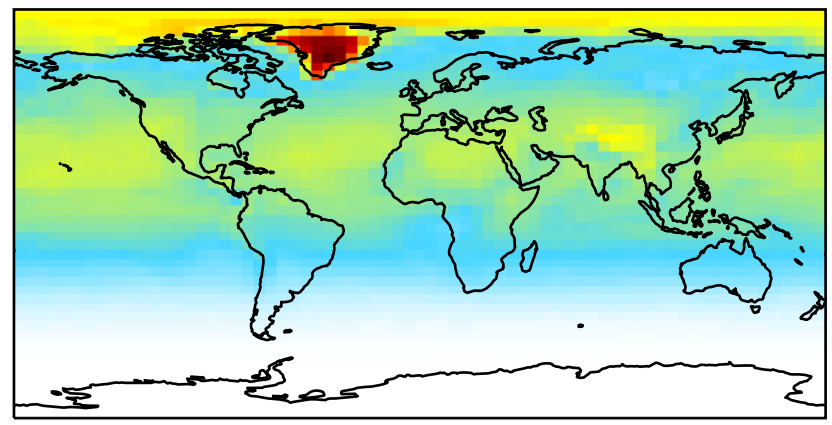
Jval_RCHO (Jul2019)

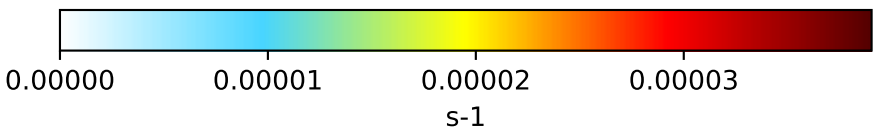
GCC_12.9.0 (Ref)
4.0x5.0



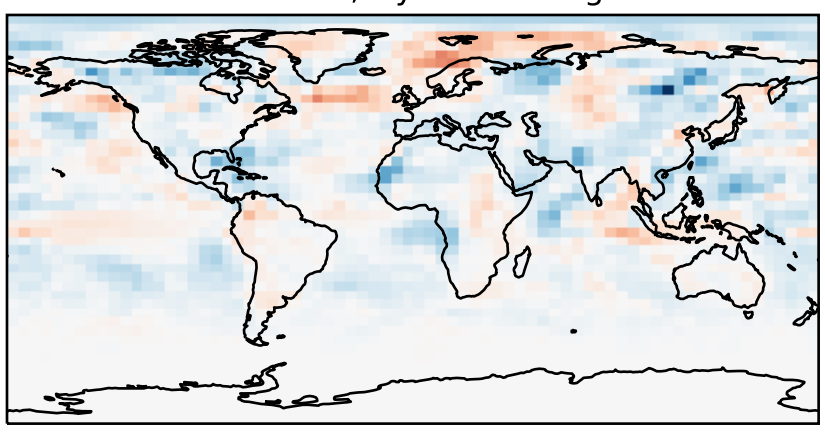


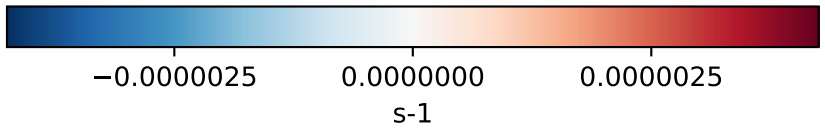
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



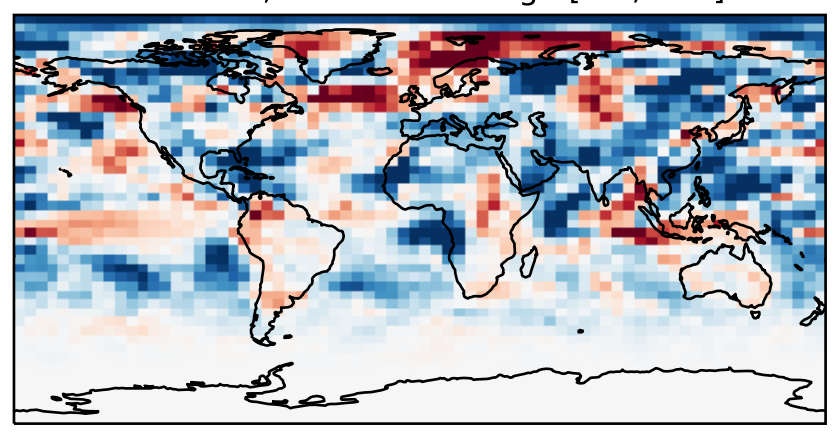


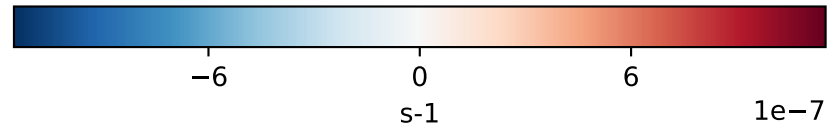
Difference
Dev - Ref, Dynamic Range



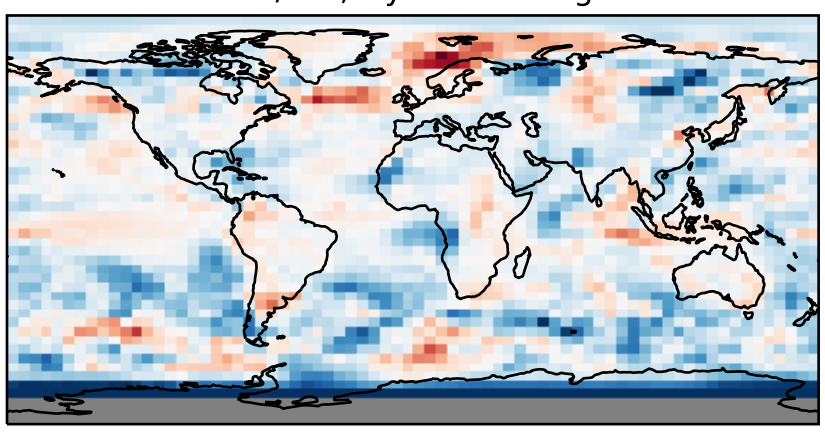


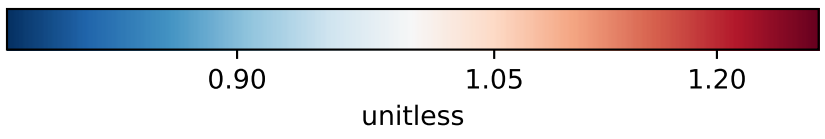
Difference
Dev - Ref, Restricted Range [5%,95%]



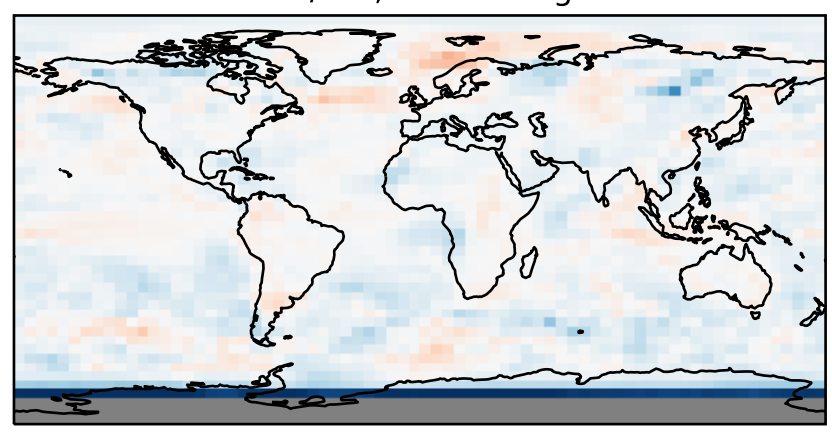


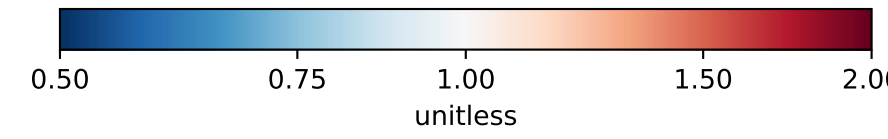
Ratio
Dev/Ref, Dynamic Range





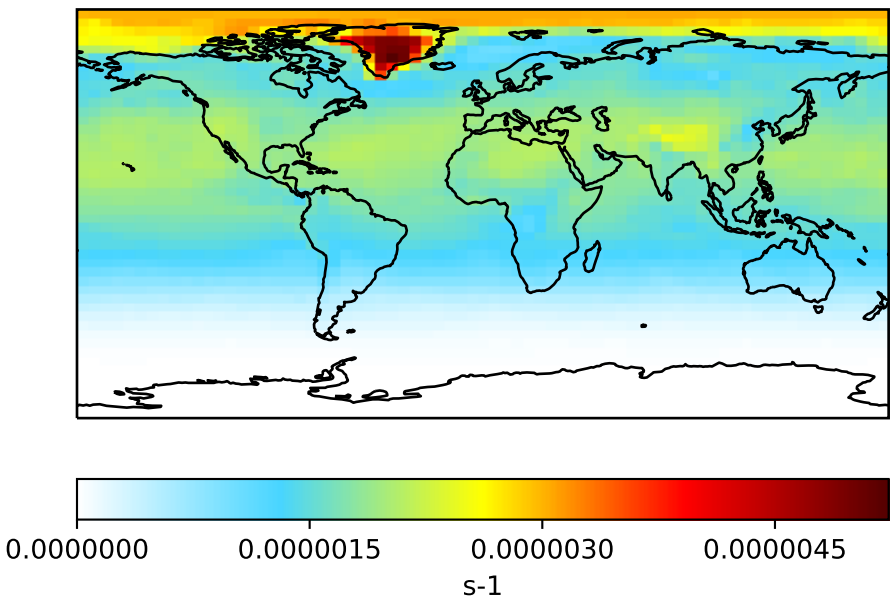
Ratio
Dev/Ref, Fixed Range



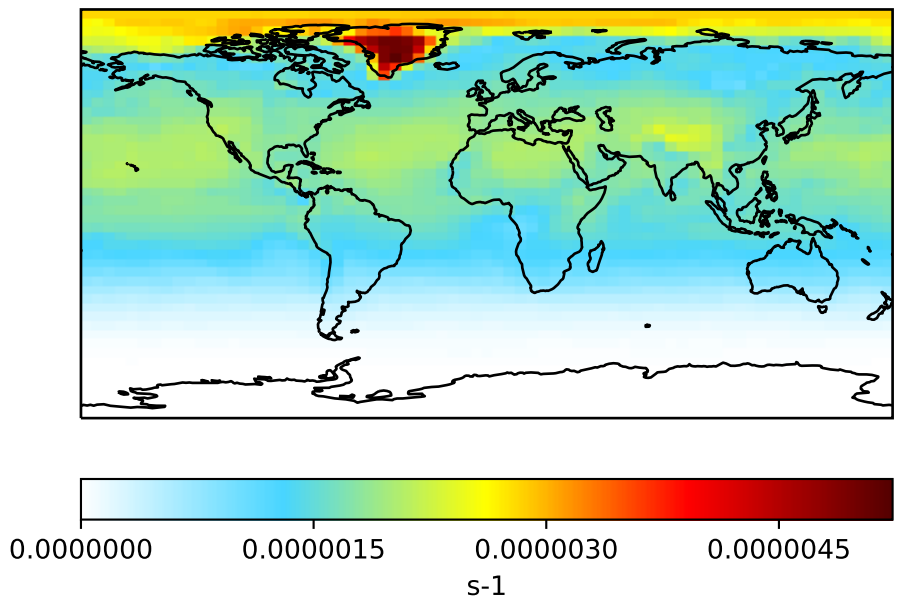


Jval_RIPA (Jul2019)

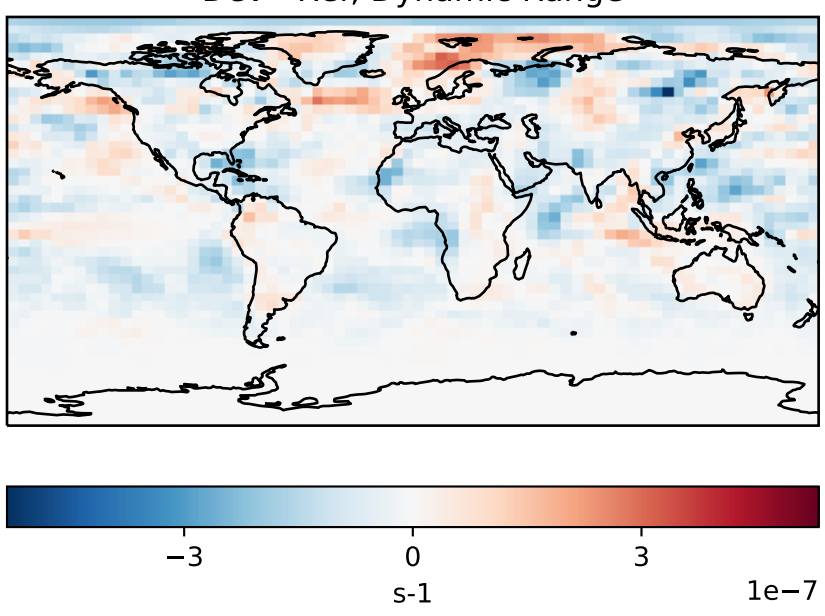
GCC_12.9.0 (Ref)
4.0x5.0



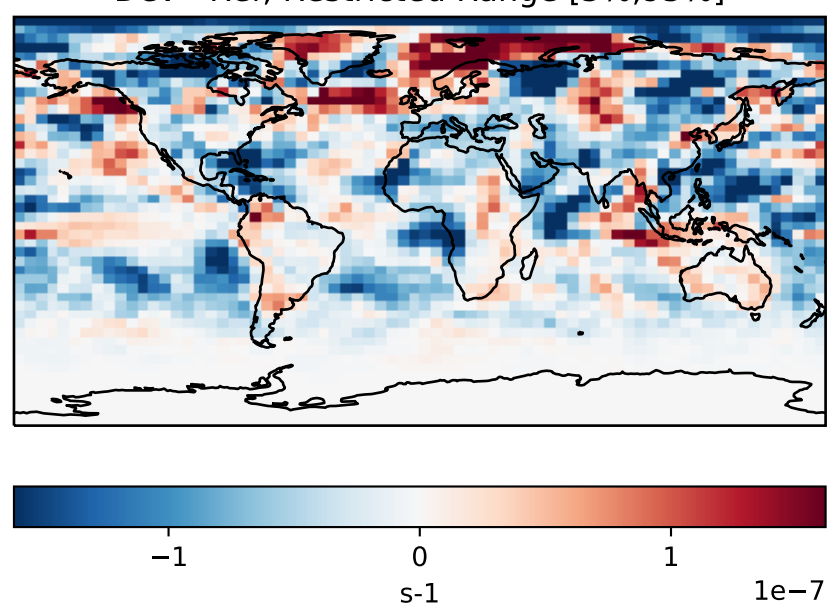
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



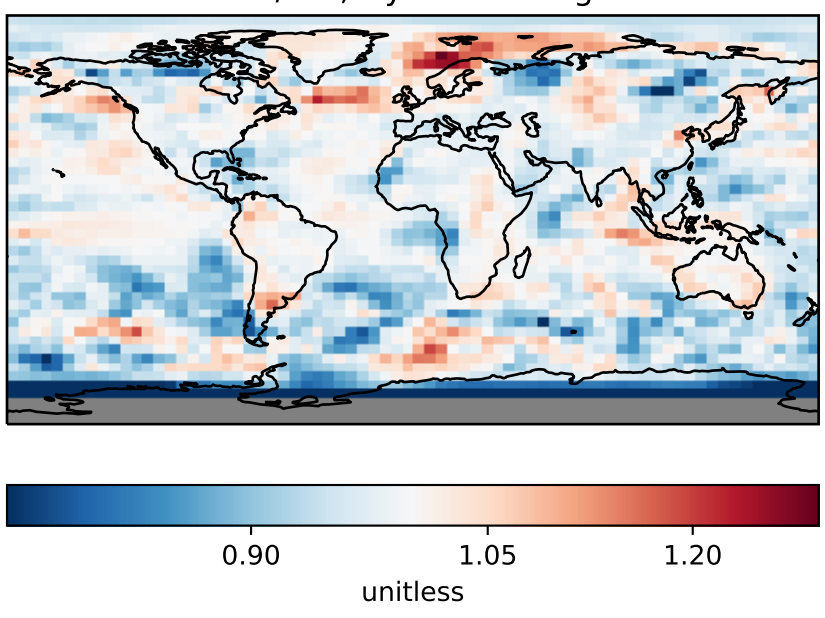
Difference
Dev - Ref, Dynamic Range



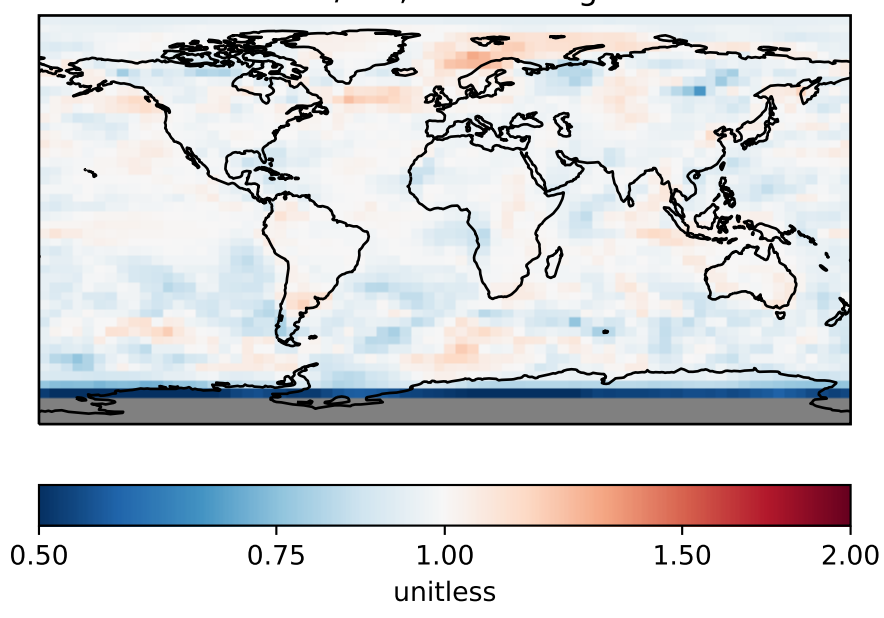
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

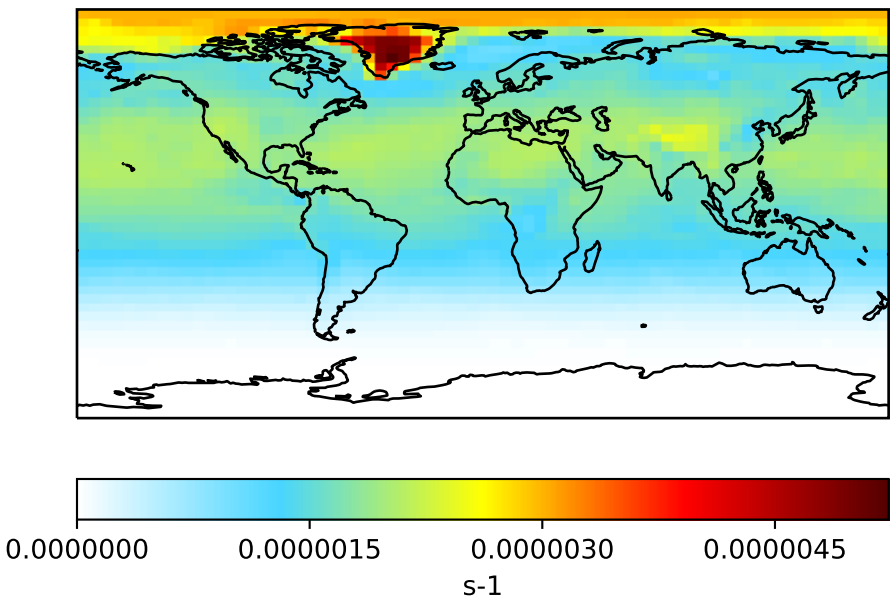


Ratio
Dev/Ref, Fixed Range

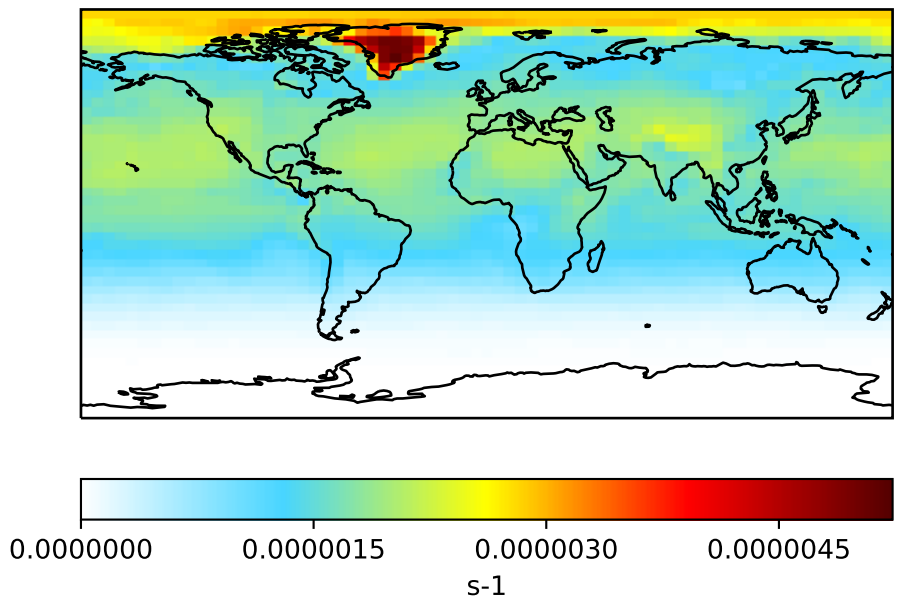


Jval_RIPB (Jul2019)

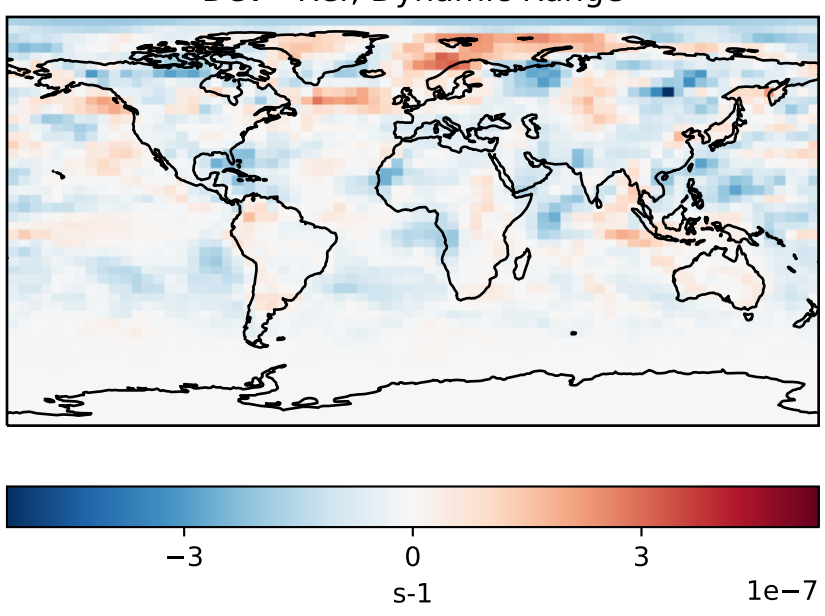
GCC_12.9.0 (Ref)
4.0x5.0



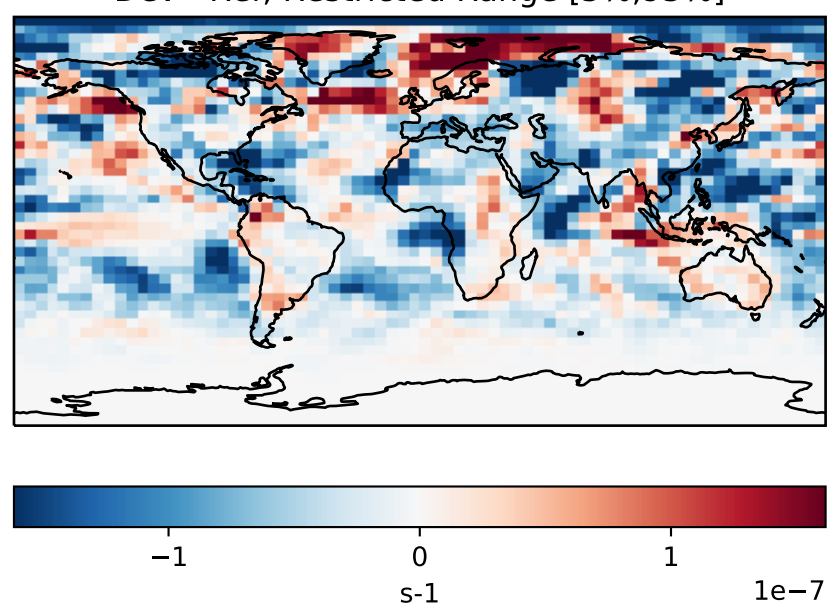
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



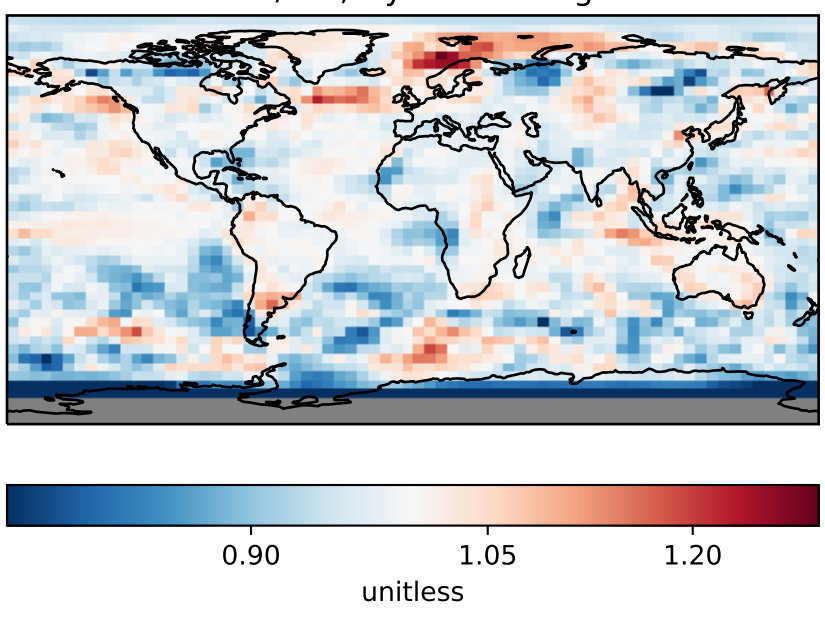
Difference
Dev - Ref, Dynamic Range



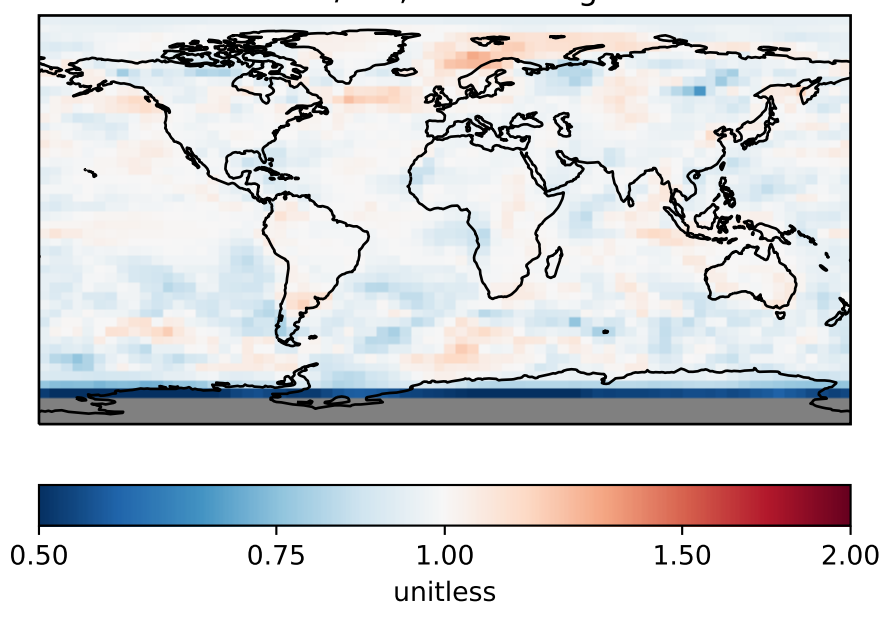
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

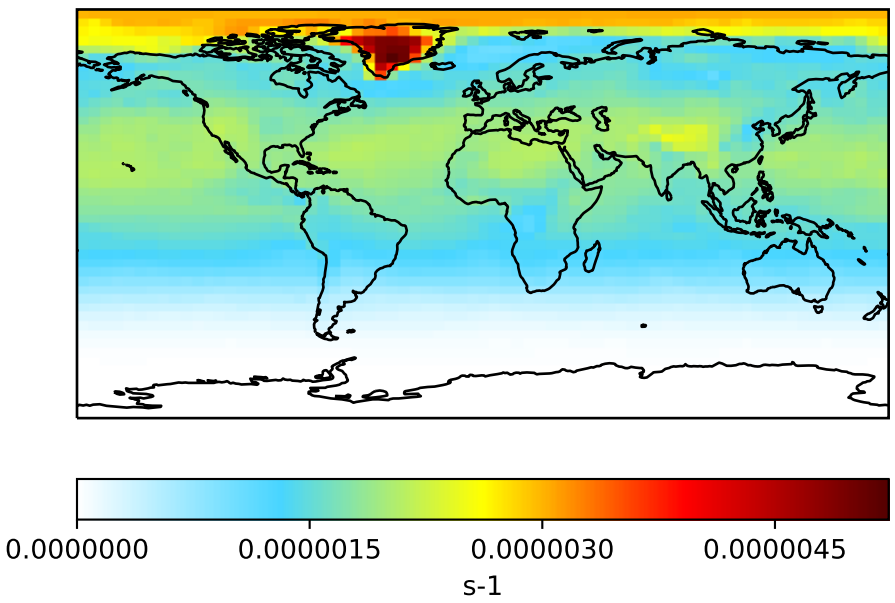


Ratio
Dev/Ref, Fixed Range

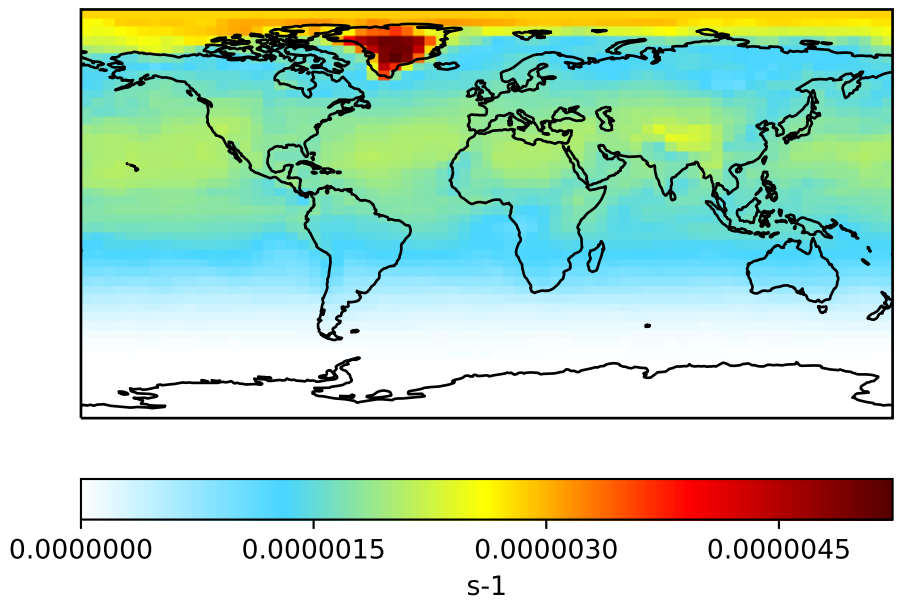


Jval_RIPC (Jul2019)

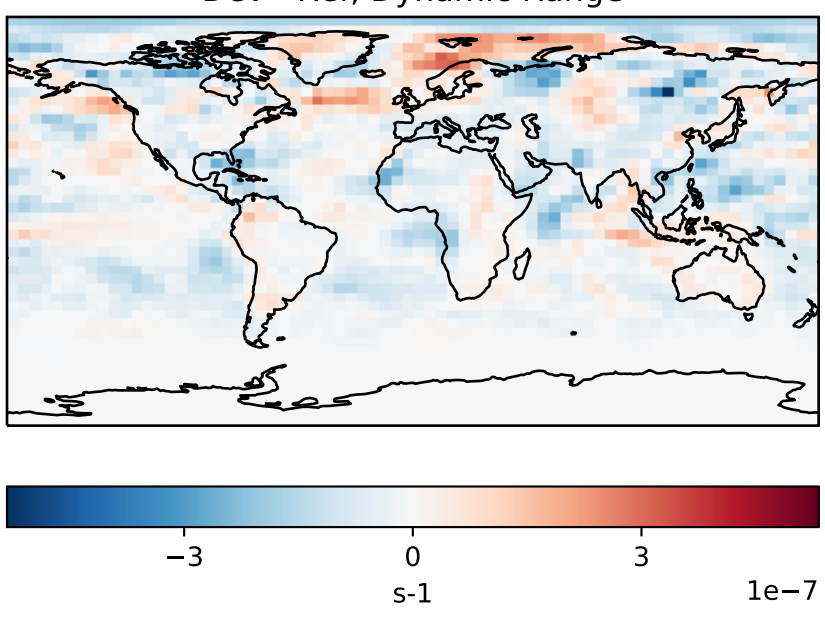
GCC_12.9.0 (Ref)
4.0x5.0



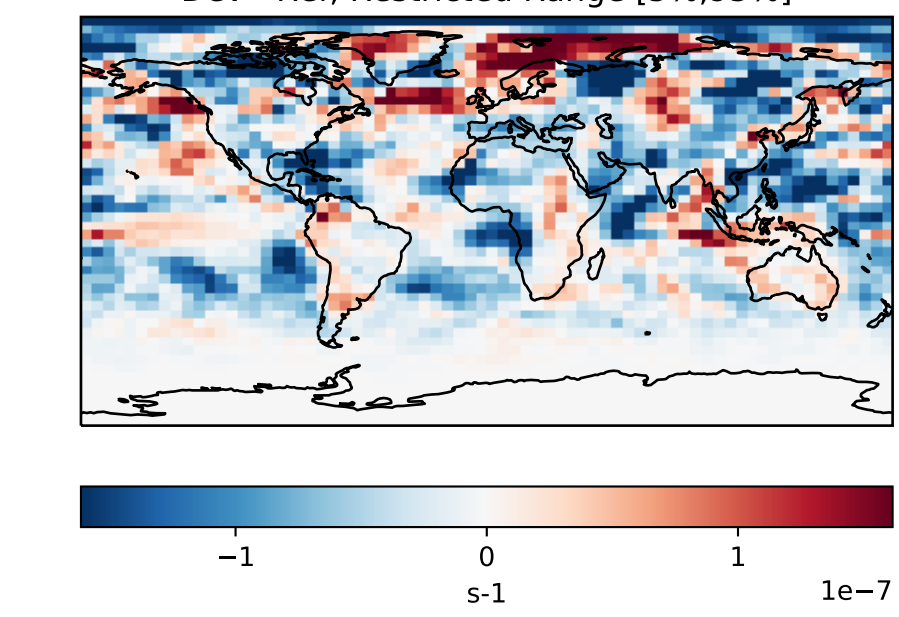
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



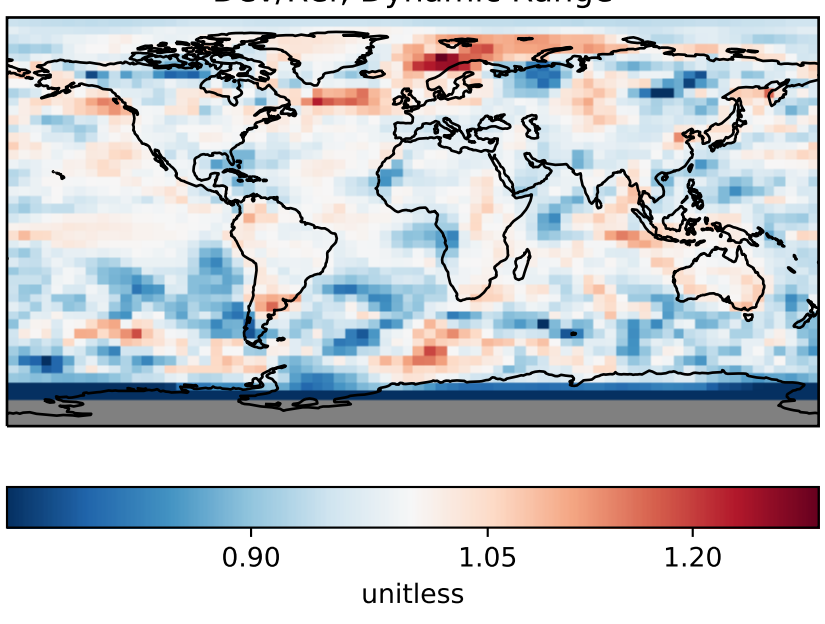
Difference
Dev - Ref, Dynamic Range



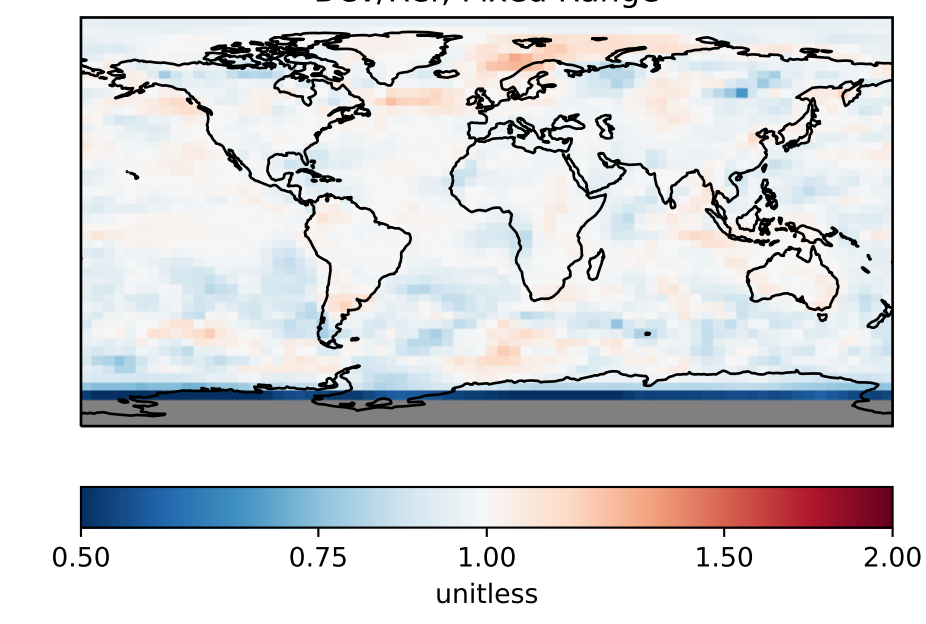
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

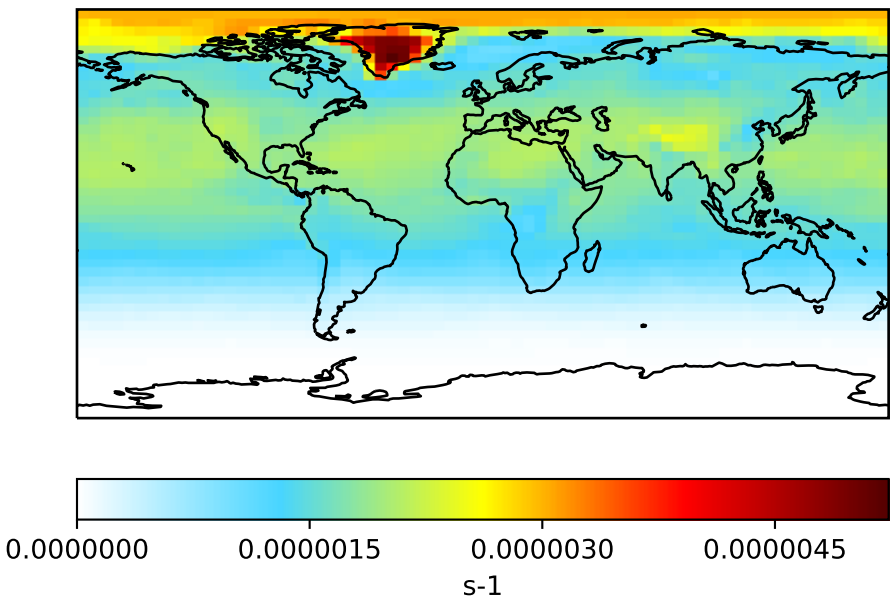


Ratio
Dev/Ref, Fixed Range

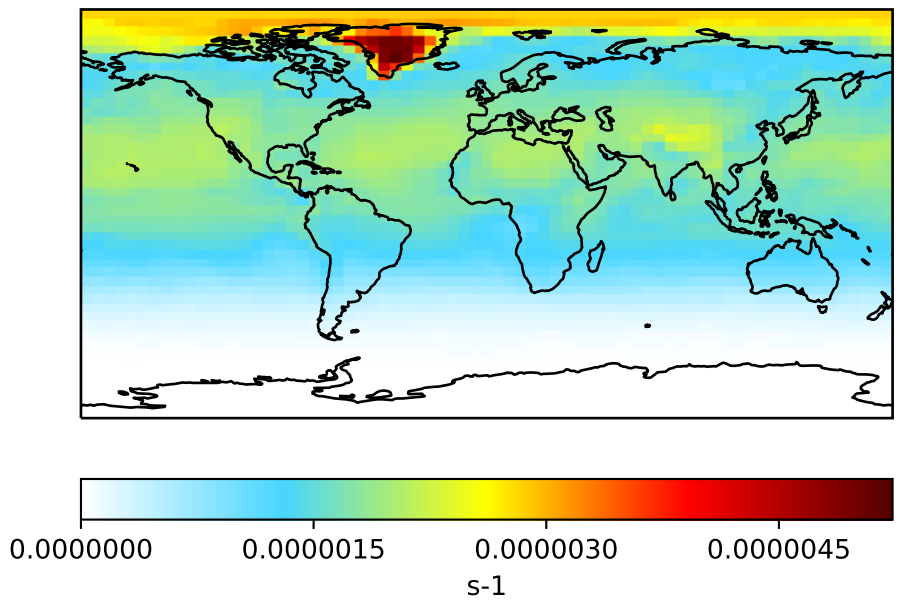


Jval_RIPD (Jul2019)

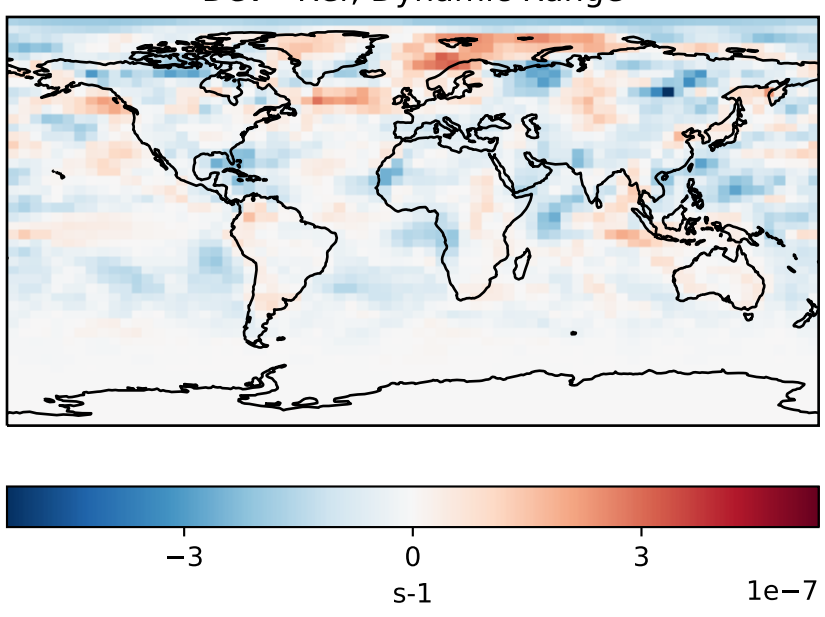
GCC_12.9.0 (Ref)
4.0x5.0



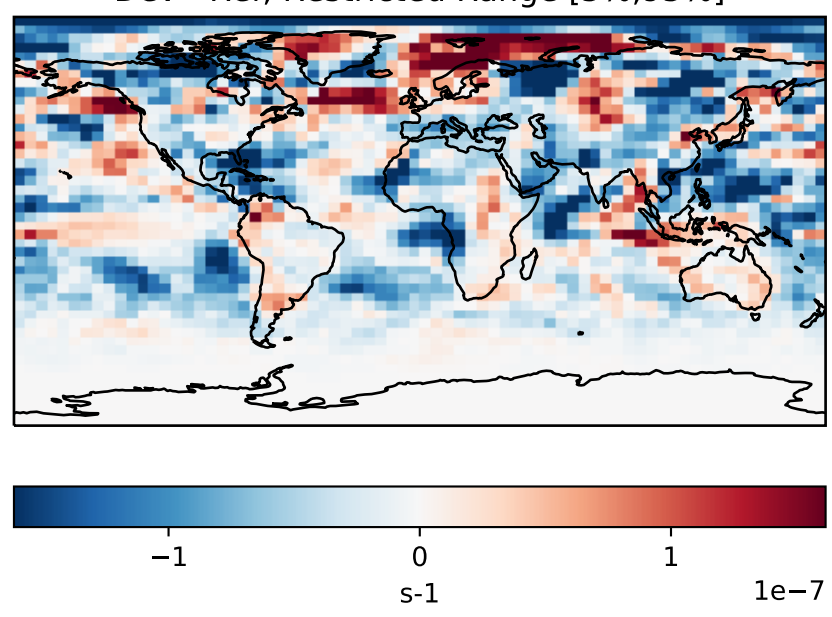
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



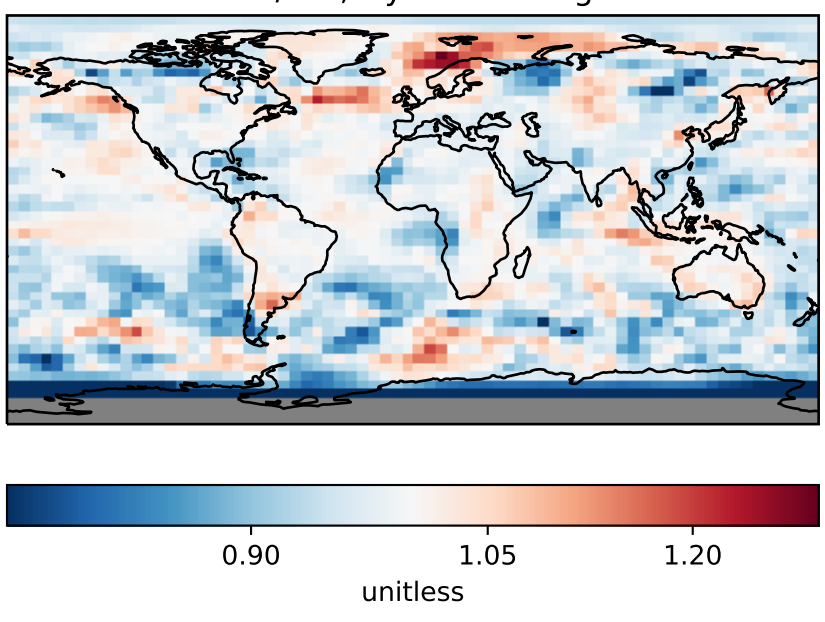
Difference
Dev - Ref, Dynamic Range



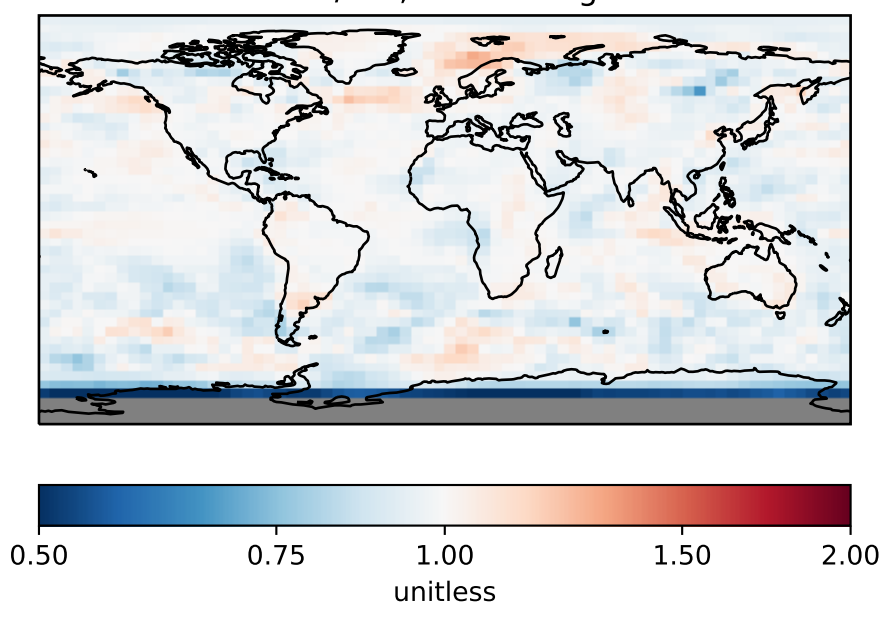
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

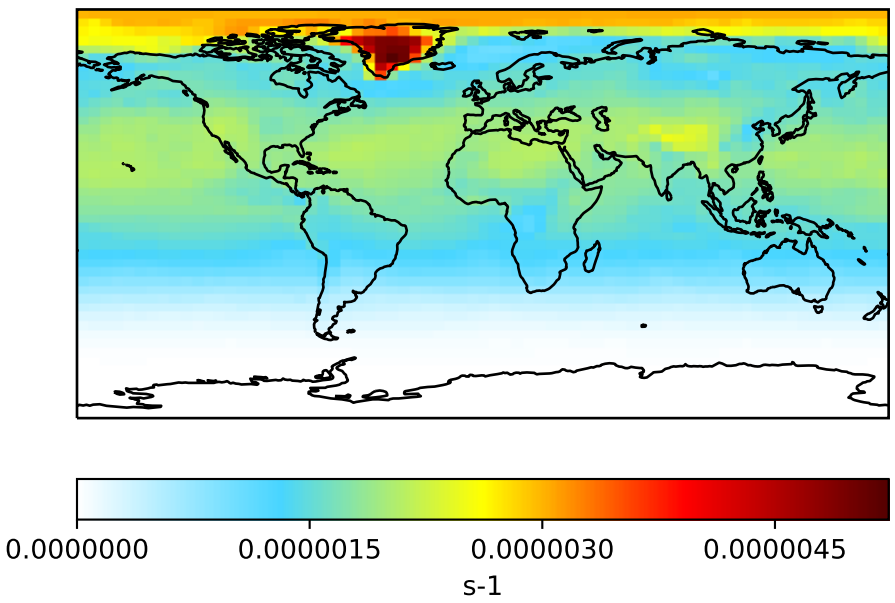


Ratio
Dev/Ref, Fixed Range

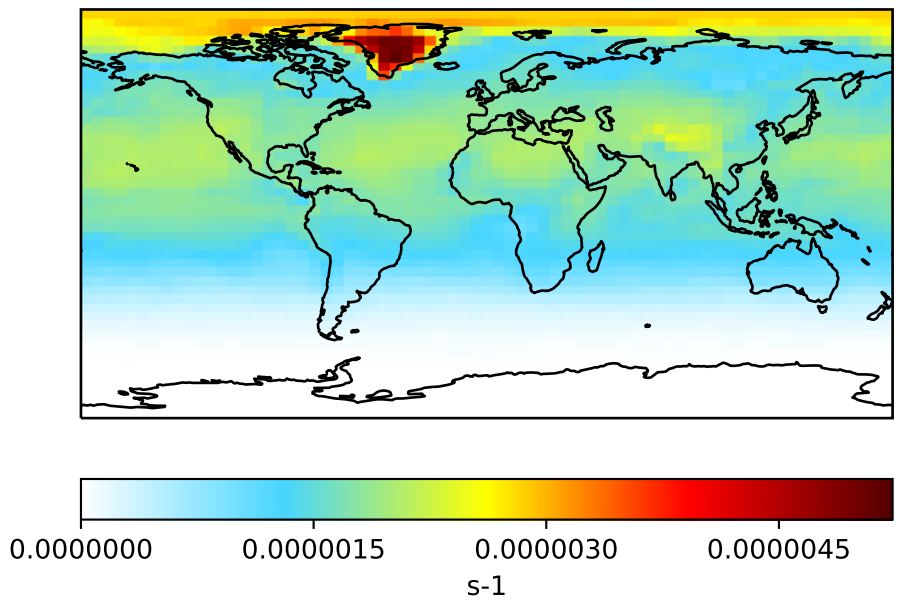


Jval_RP (Jul2019)

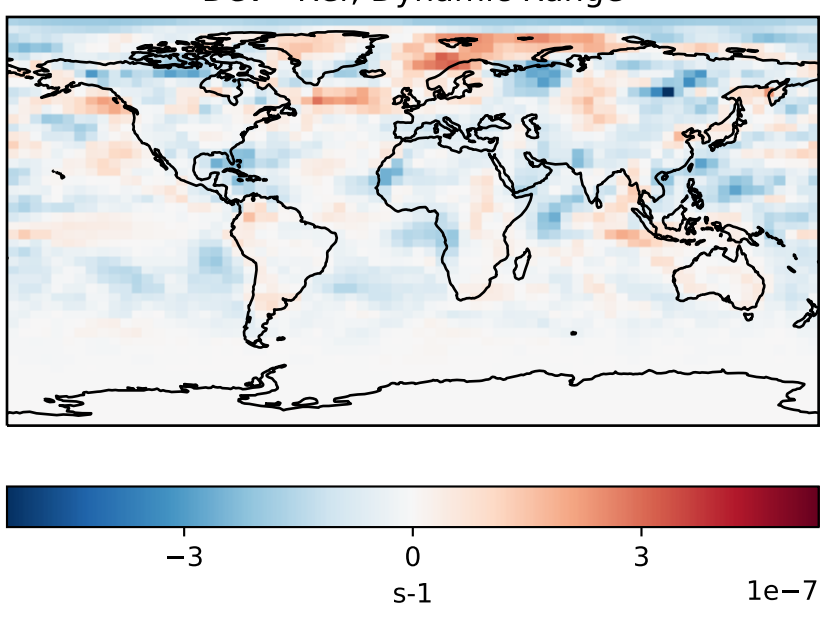
GCC_12.9.0 (Ref)
4.0x5.0



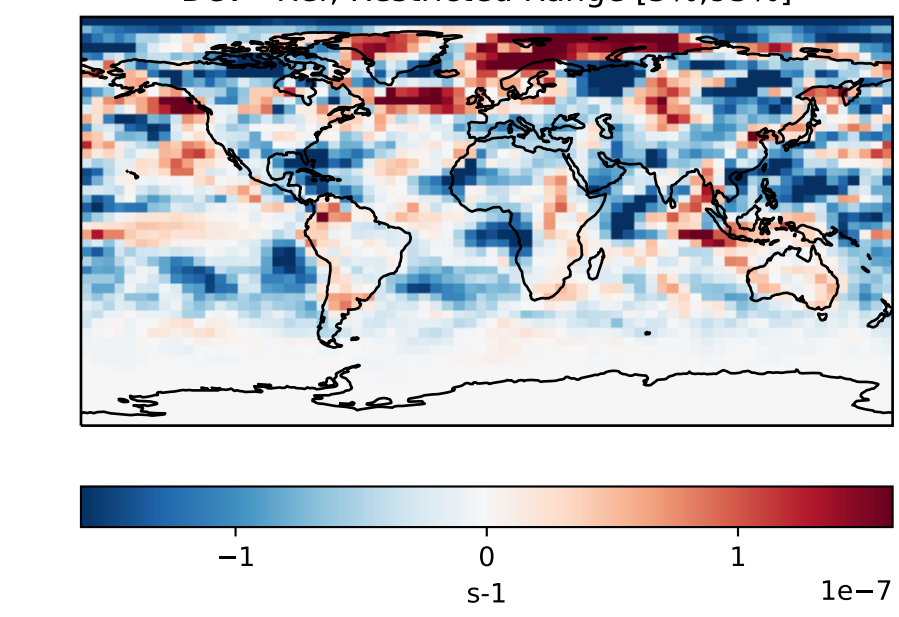
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



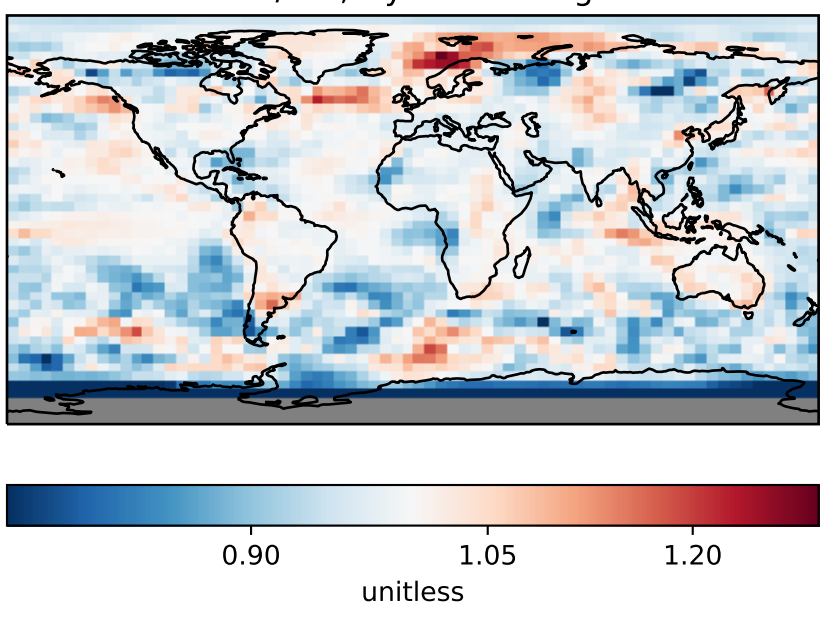
Difference
Dev - Ref, Dynamic Range



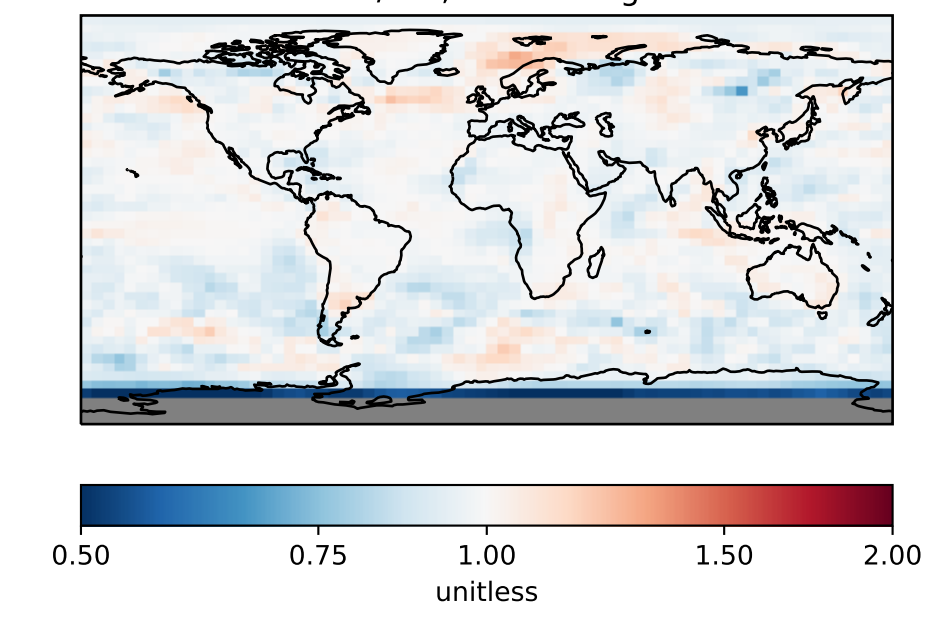
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

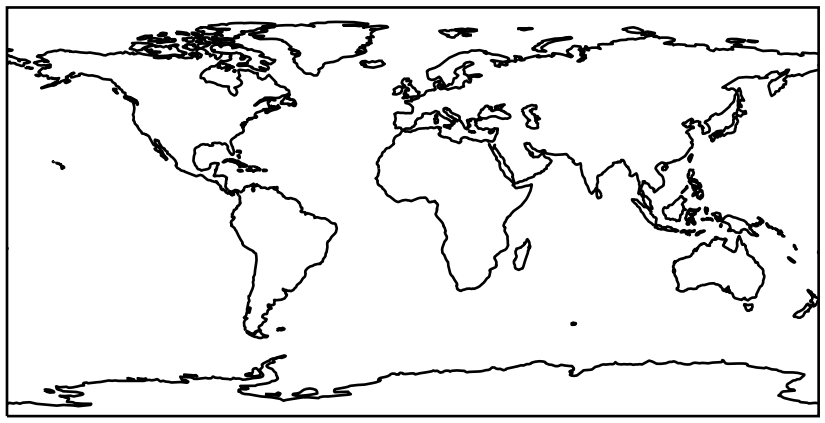


Ratio
Dev/Ref, Fixed Range



Jval_SO4 (Jul2019)

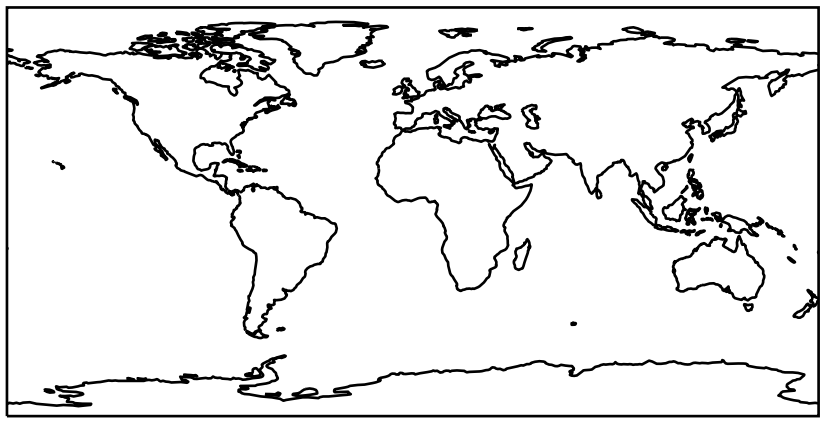
GCC_12.9.0 (Ref)
4.0x5.0





Zero throughout domain
s-1

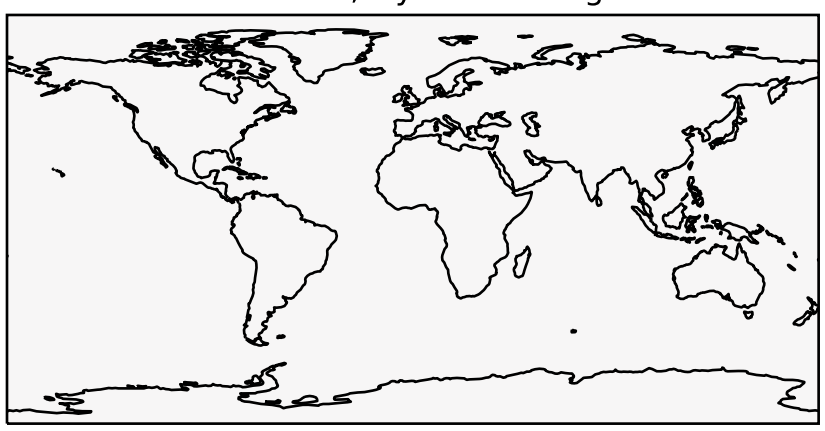
GCC_13.0.0-beta.1 (Dev)
4.0x5.0





Zero throughout domain
s-1

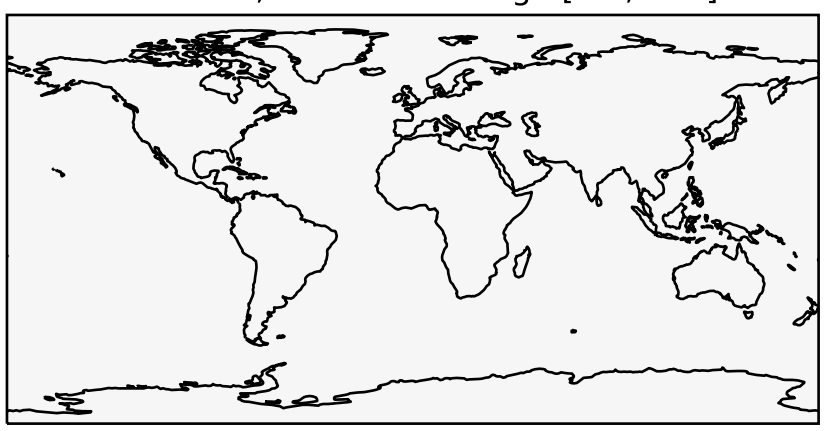
Difference
Dev - Ref, Dynamic Range





Zero throughout domain
s-1

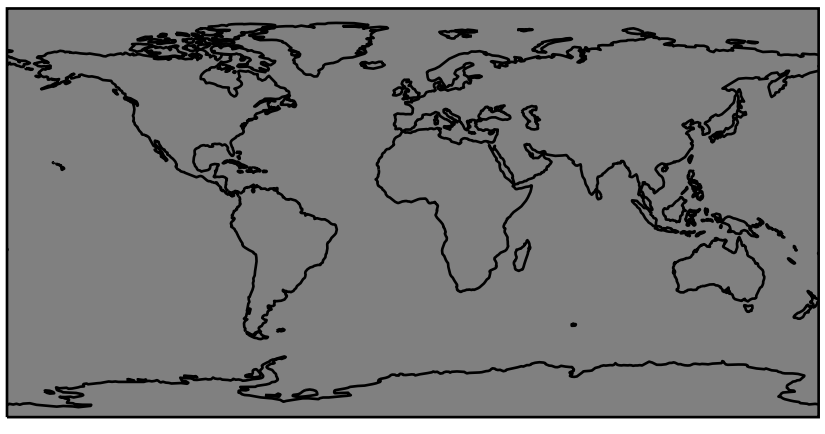
Difference
Dev - Ref, Restricted Range [5%,95%]





Zero throughout domain
s-1

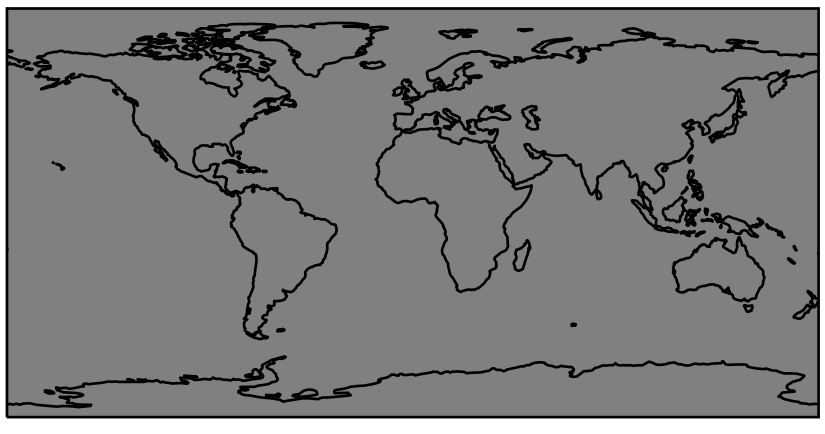
Ratio
Dev/Ref, Dynamic Range





Undefined throughout domain
unitless

Ratio
Dev/Ref, Fixed Range





Undefined throughout domain
unitless