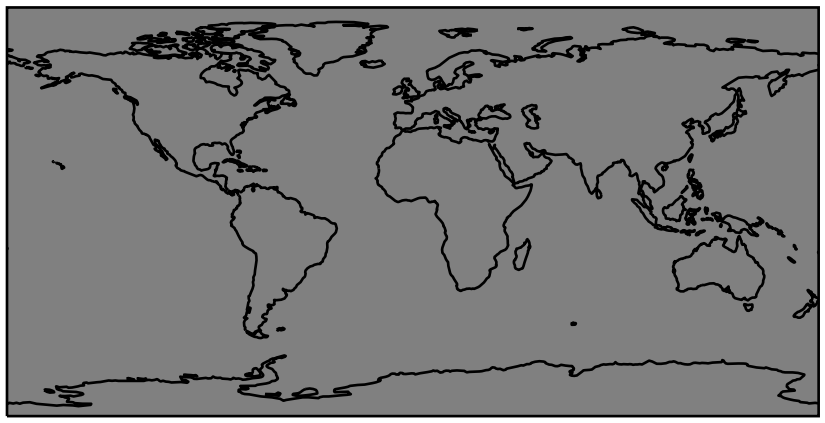
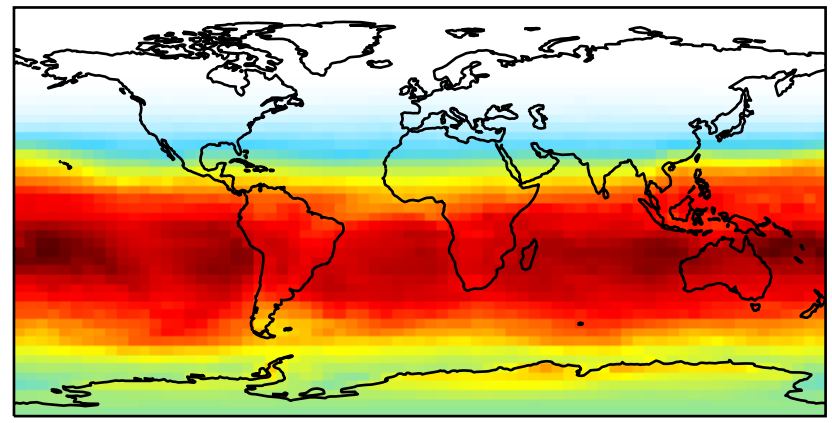
JvalO3O1D (Jan2019)

GCC_12.9.0 (Ref)
4.0x5.0



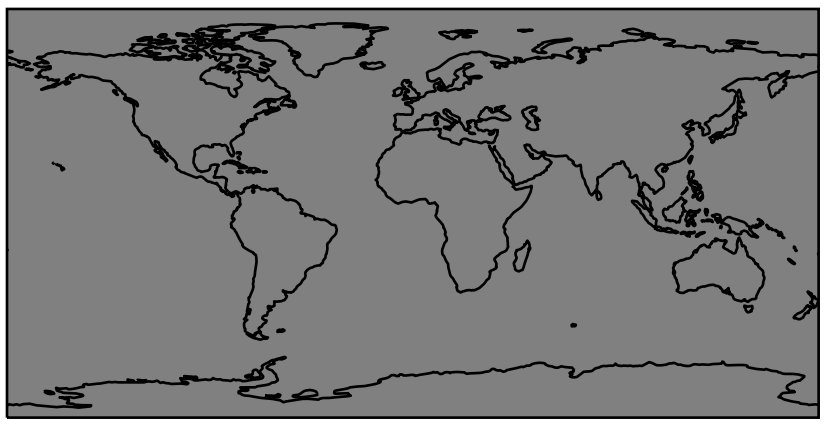
Undefined throughout domain
s-1

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



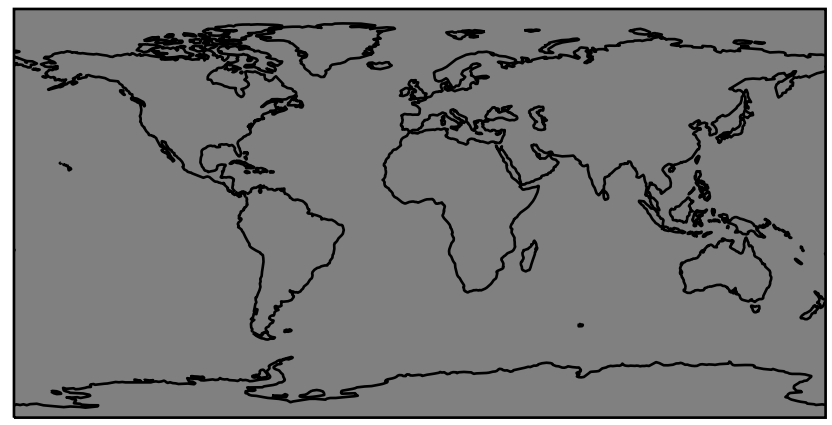
0.000 0.008 0.016 0.024
s-1

Difference
Dev - Ref, Dynamic Range



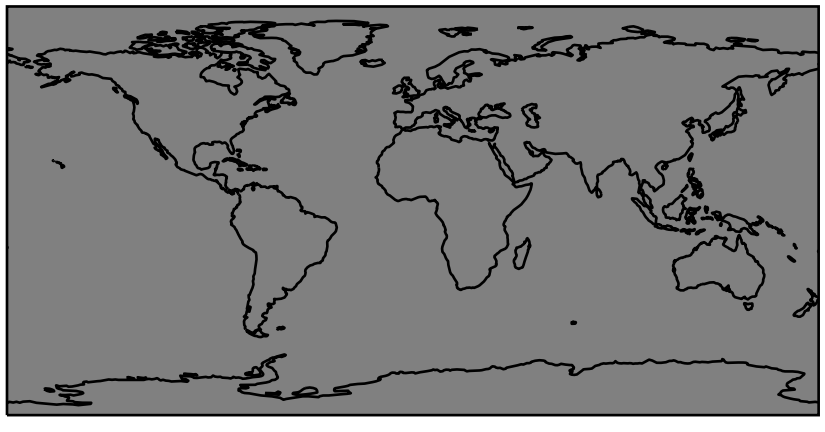
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s-1

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



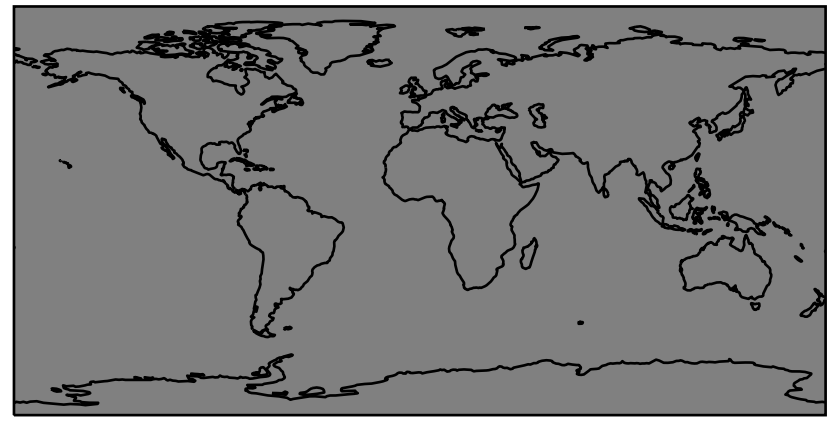
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s-1

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

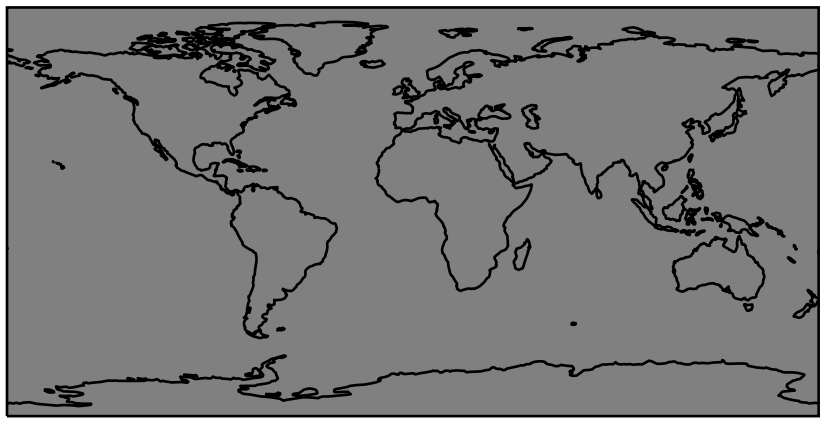
Ratio
Dev/Ref, Fixed Range



Undefined throughout domain
unitless

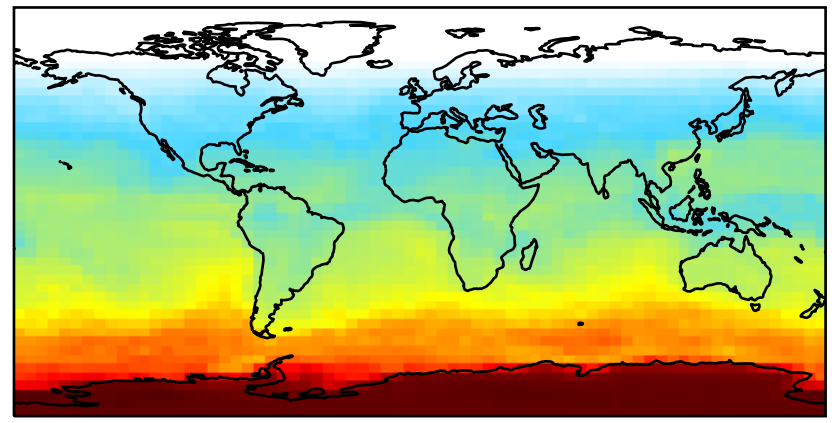
JvalO3O3P (Jan2019)

GCC_12.9.0 (Ref)
4.0x5.0



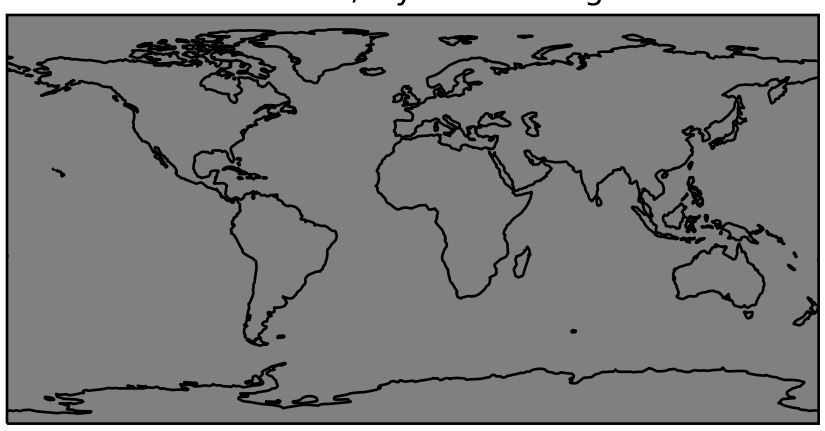
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s-1

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



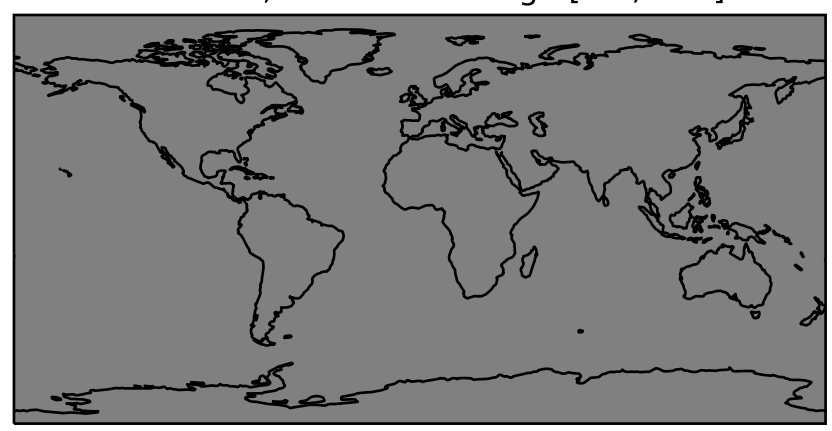
0.0 0.1 0.2 0.3 0.4 0.5 0.6 0.7
s-1

Difference
Dev - Ref, Dynamic Range



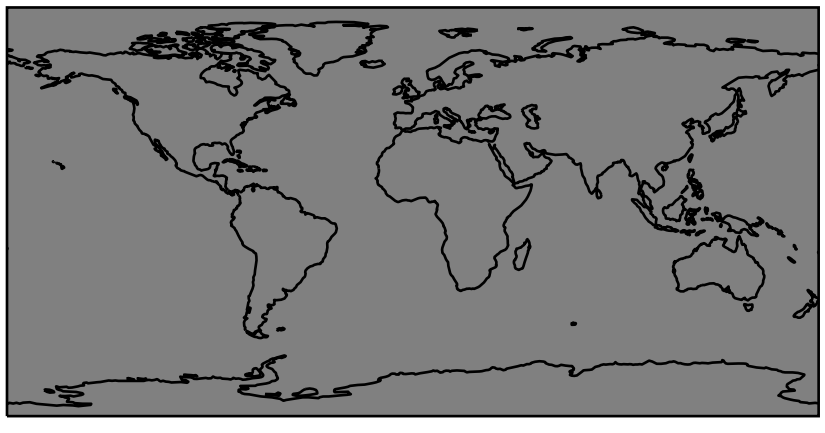
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s-1

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



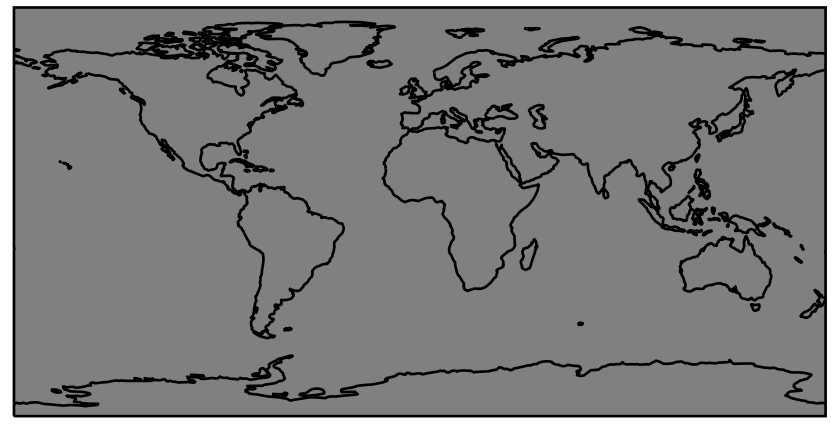
Undefined throughout domain
s-1

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

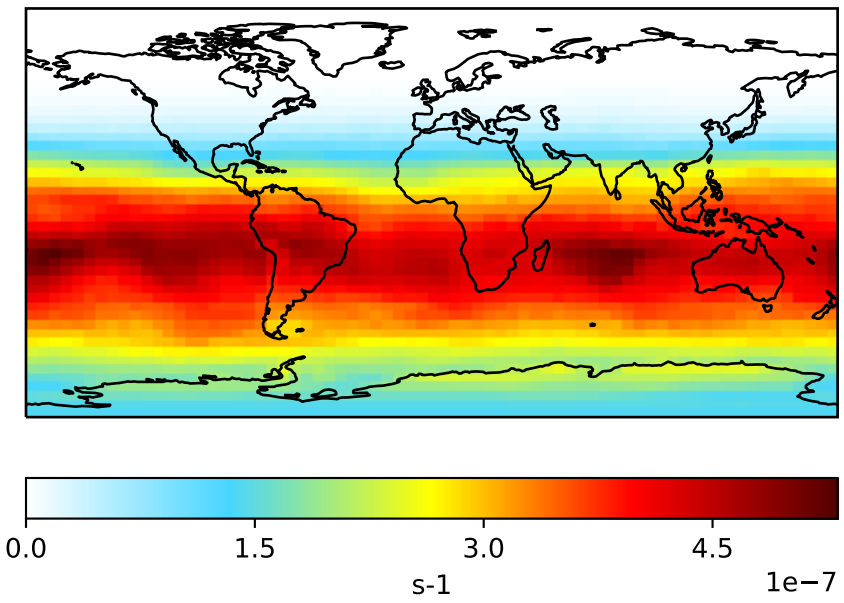
Ratio
Dev/Ref, Fixed Range



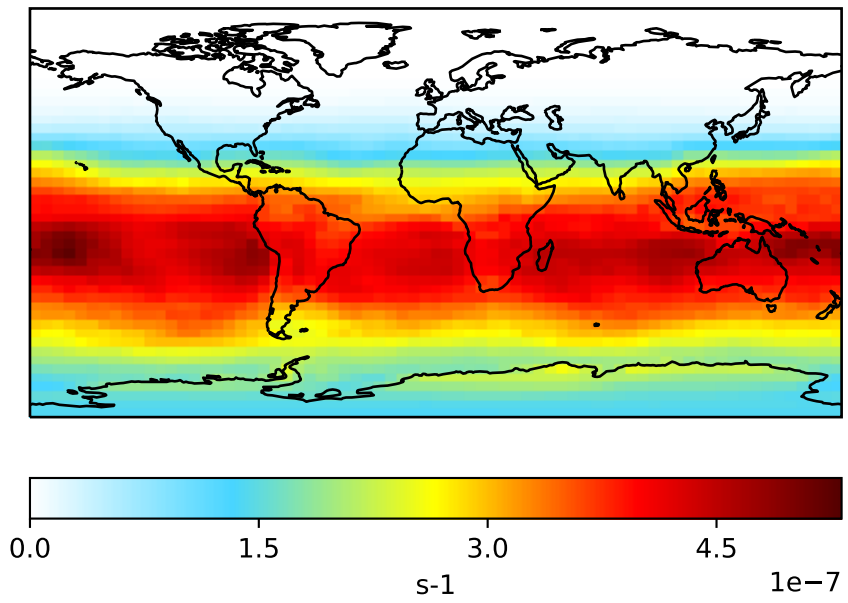
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Jval_ACET (Jan2019)

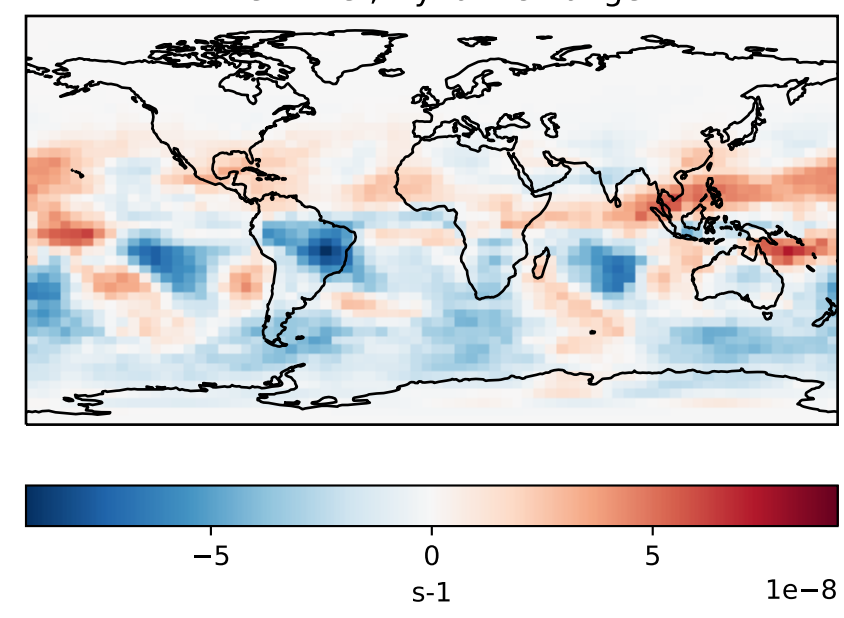
GCC_12.9.0 (Ref)
4.0x5.0



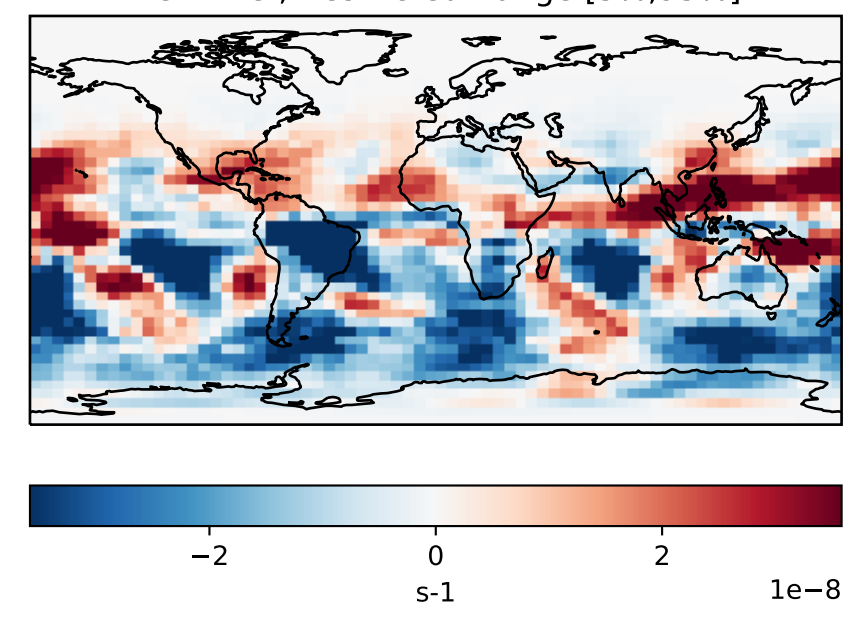
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



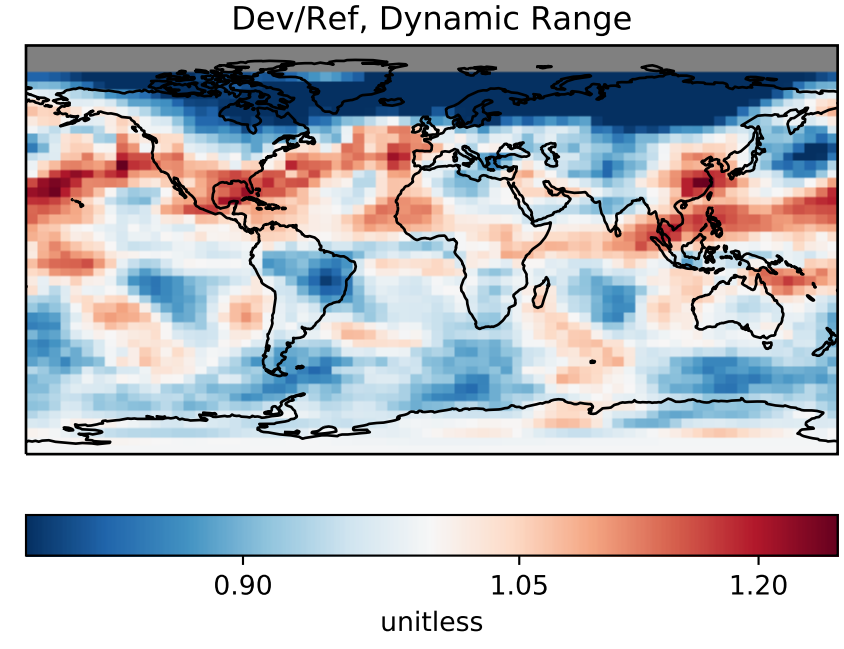
Difference
Dev - Ref, Dynamic Range



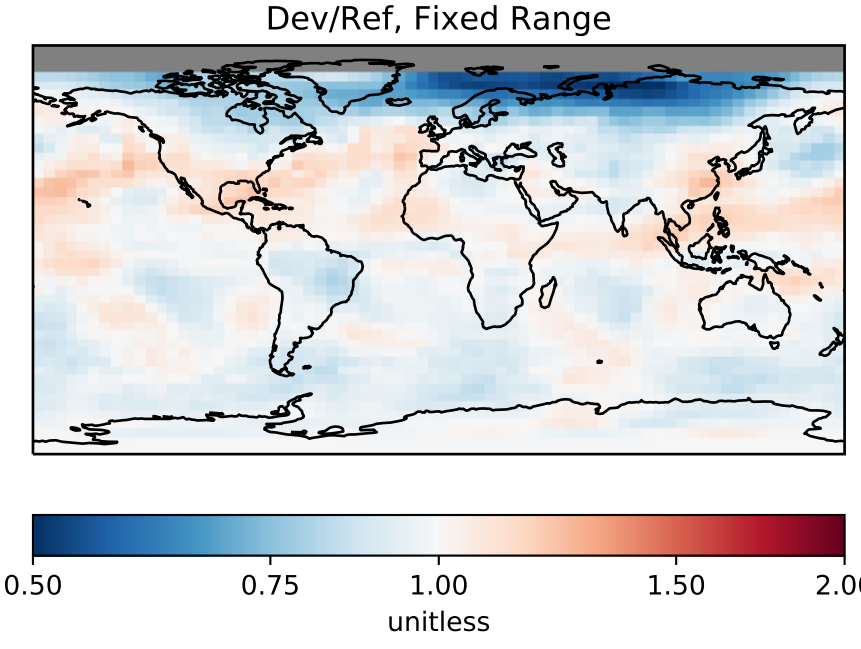
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

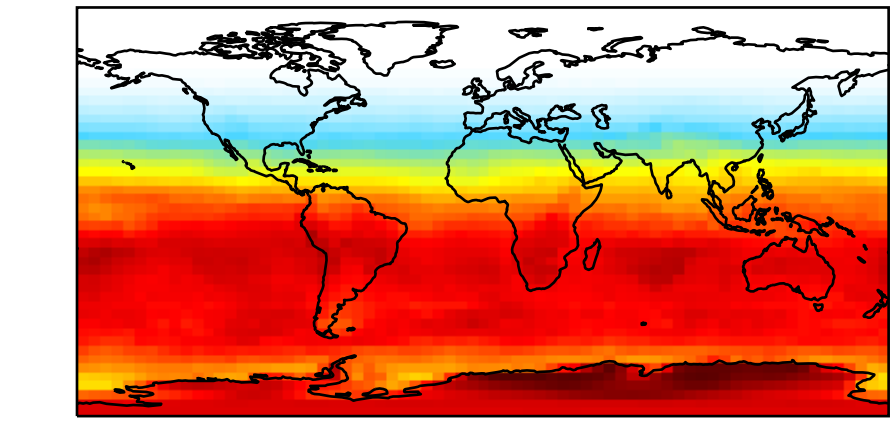


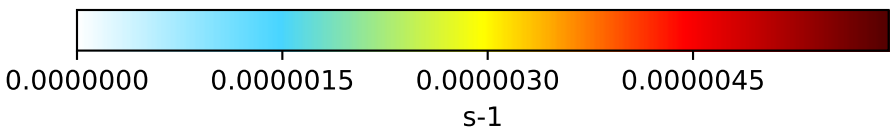
Ratio
Dev/Ref, Fixed Range



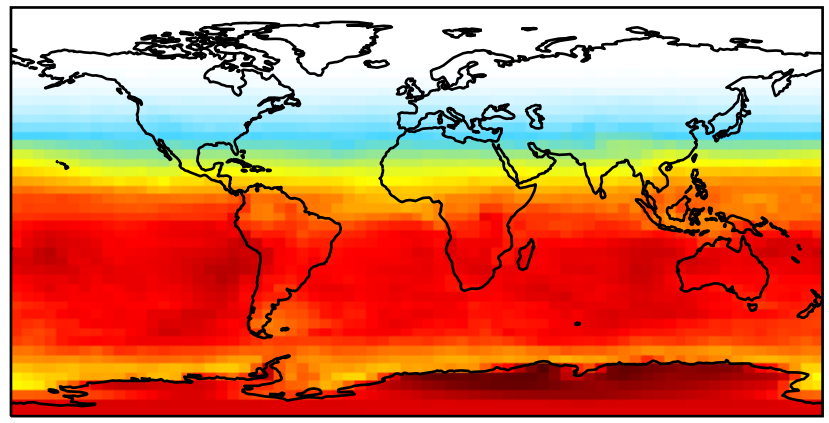
Jval_ALD2 (Jan2019)

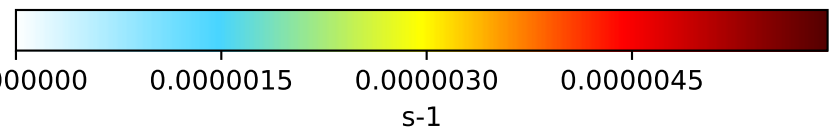
GCC_12.9.0 (Ref)
4.0x5.0



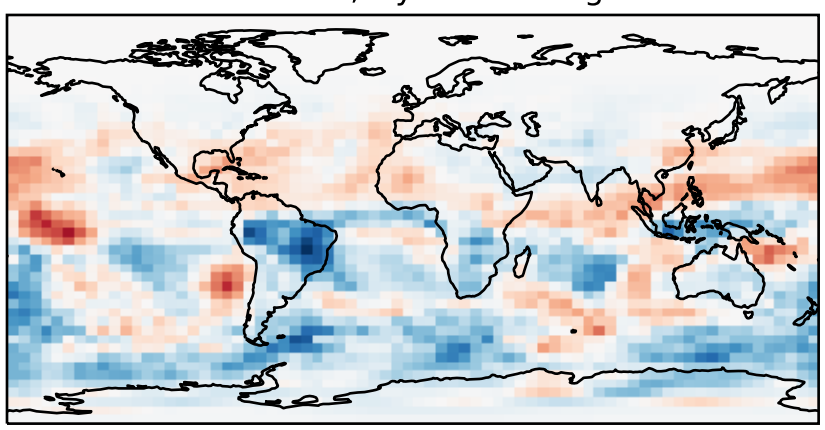


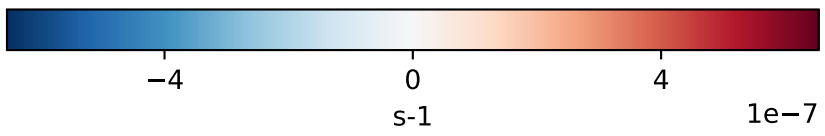
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



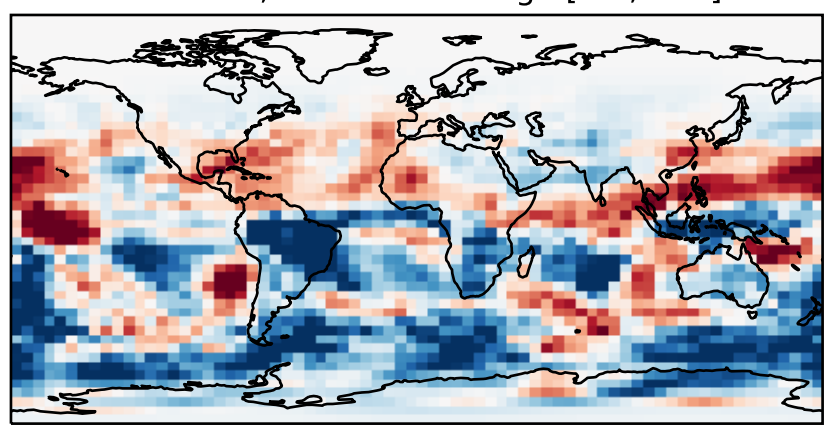


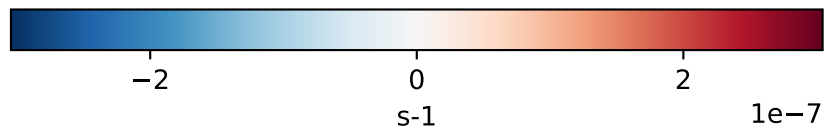
Difference
Dev - Ref, Dynamic Range



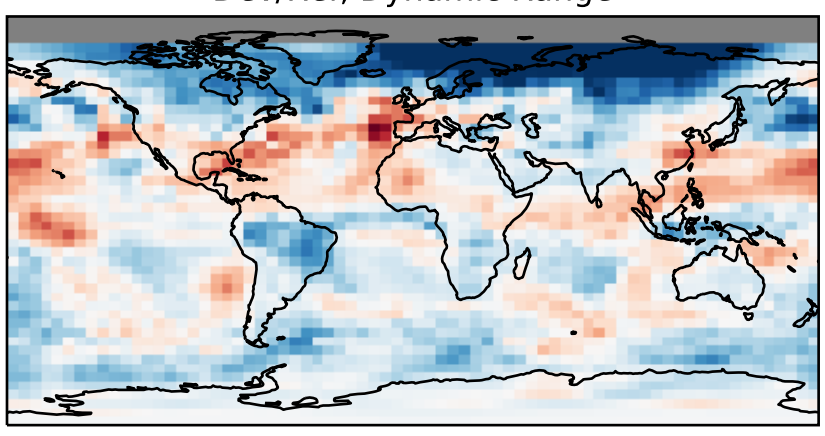


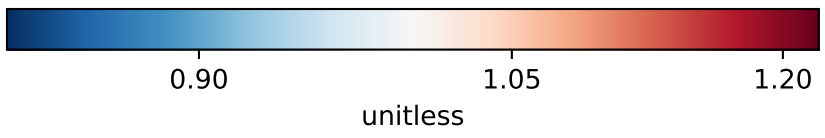
Difference
Dev - Ref, Restricted Range [5%,95%]



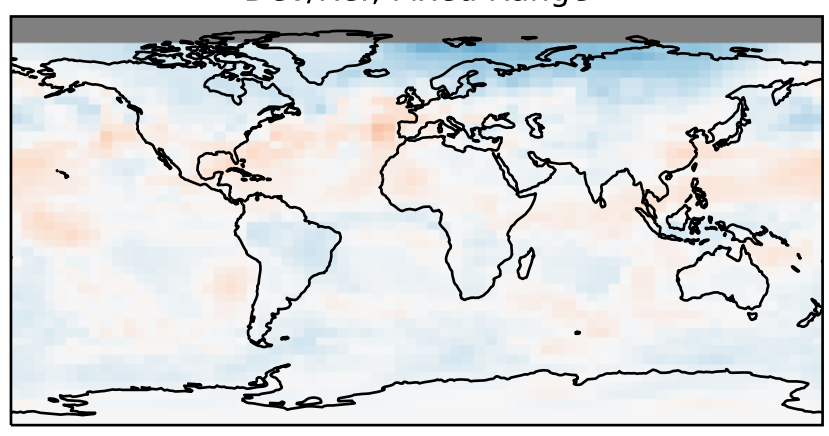


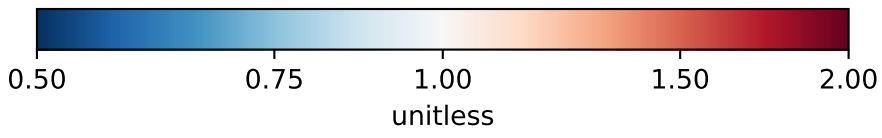
Ratio
Dev/Ref, Dynamic Range





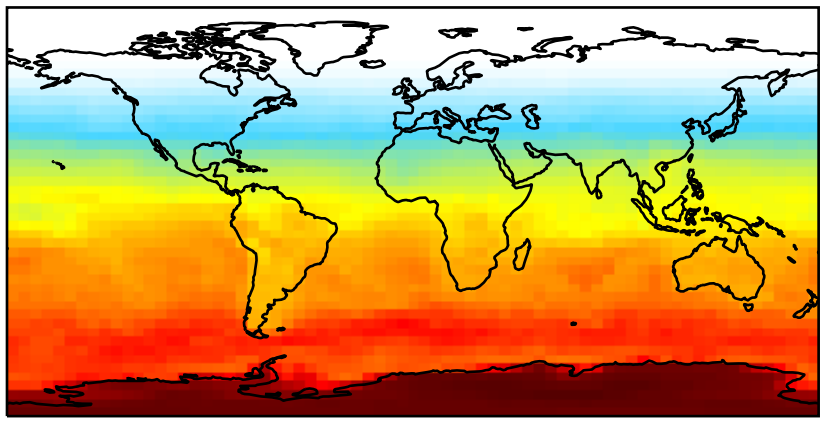
Ratio
Dev/Ref, Fixed Range

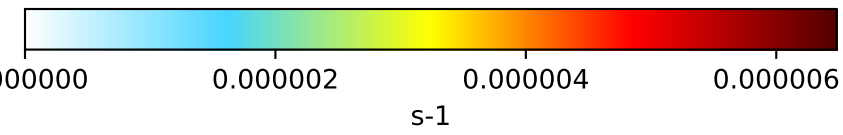




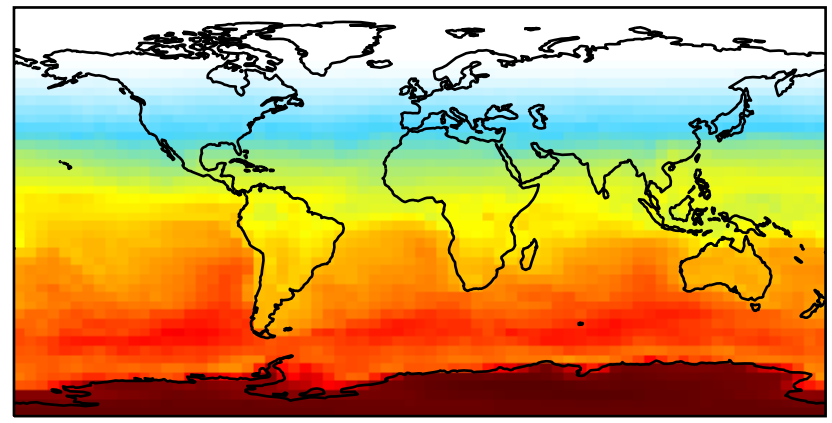
Jval_ATOOH (Jan2019)

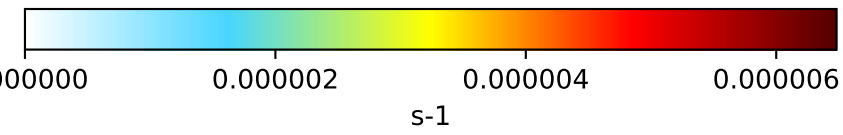
GCC_12.9.0 (Ref)
4.0x5.0



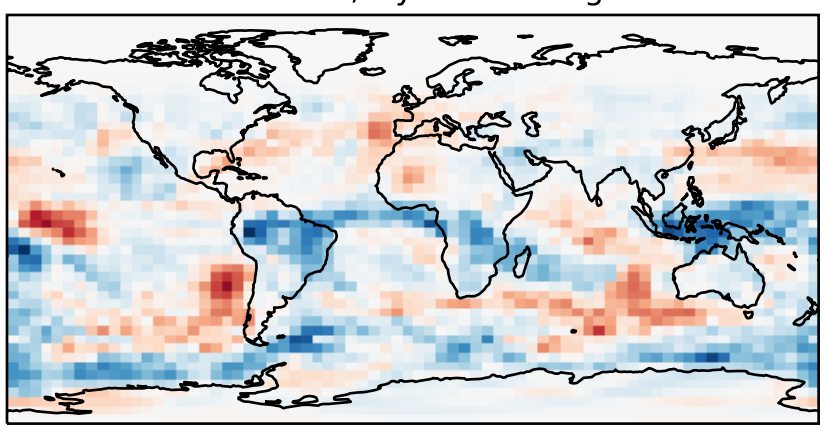


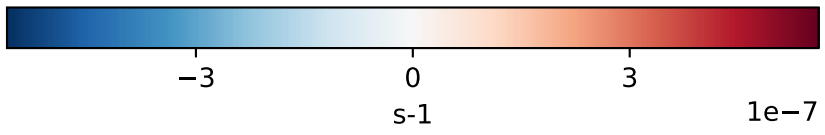
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



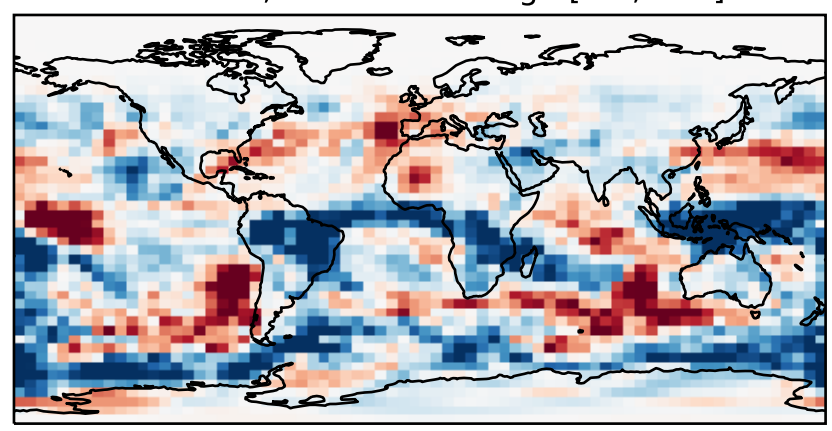


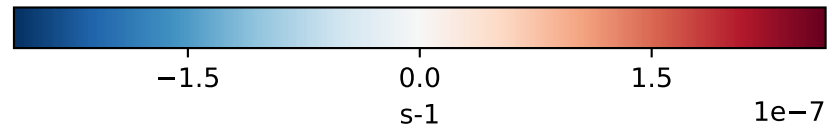
Difference
Dev - Ref, Dynamic Range



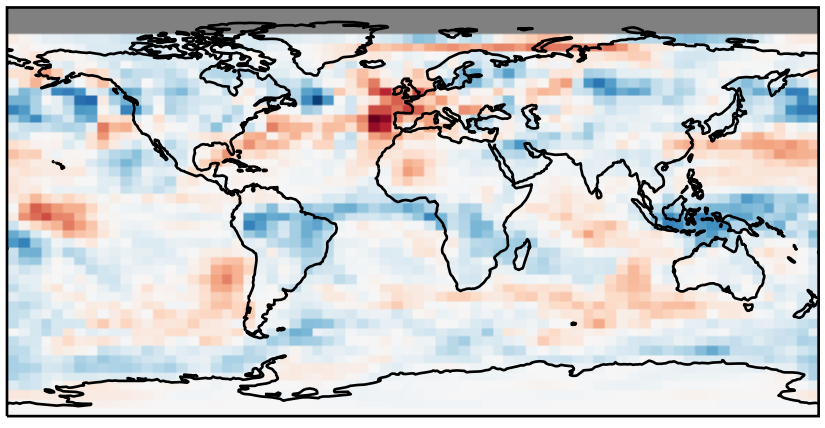


Difference
Dev - Ref, Restricted Range [5%,95%]



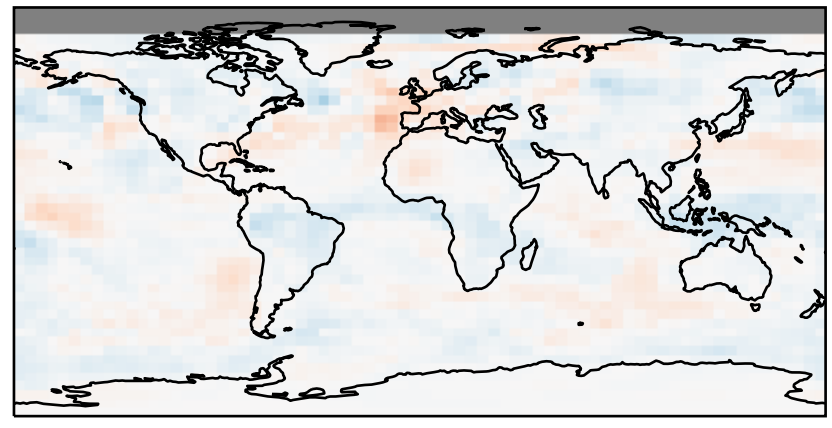


Ratio
Dev/Ref, Dynamic Range





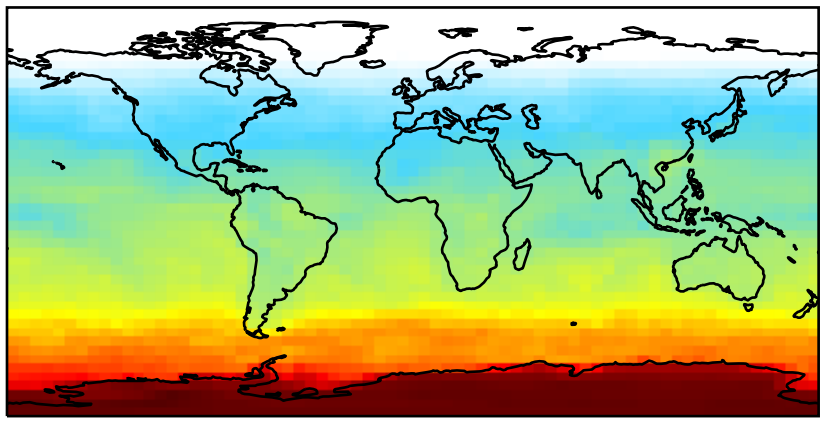
Ratio
Dev/Ref, Fixed Range

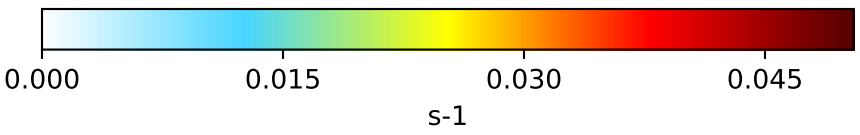




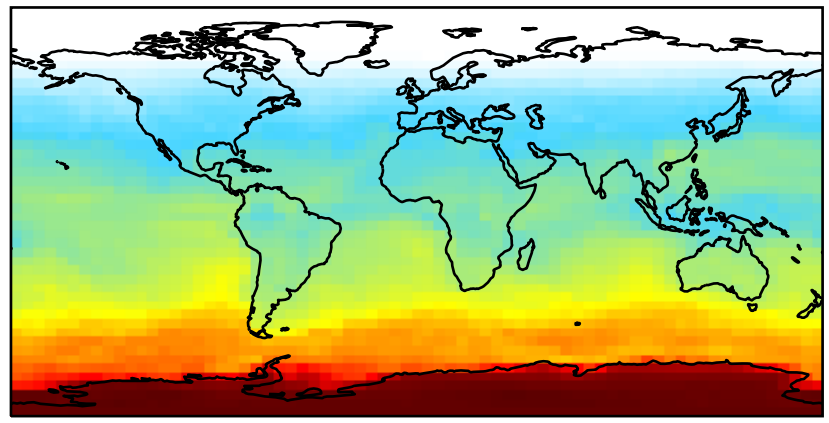
Jval_Br2 (Jan2019)

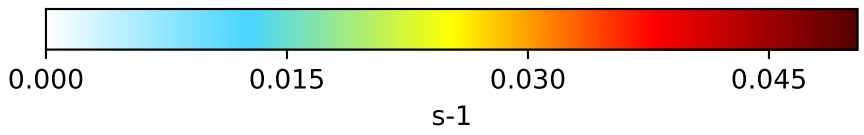
GCC_12.9.0 (Ref)
4.0x5.0



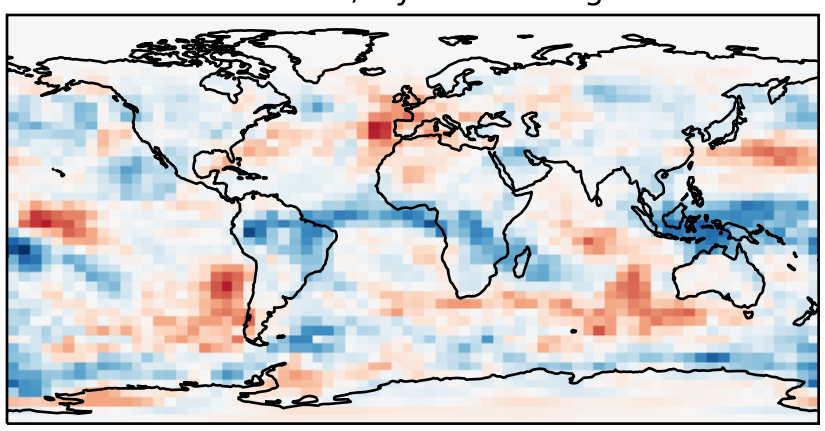


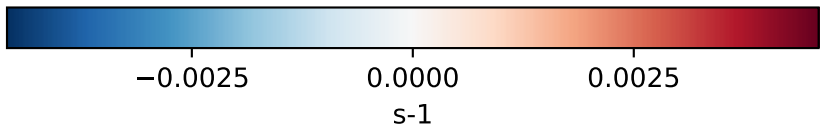
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



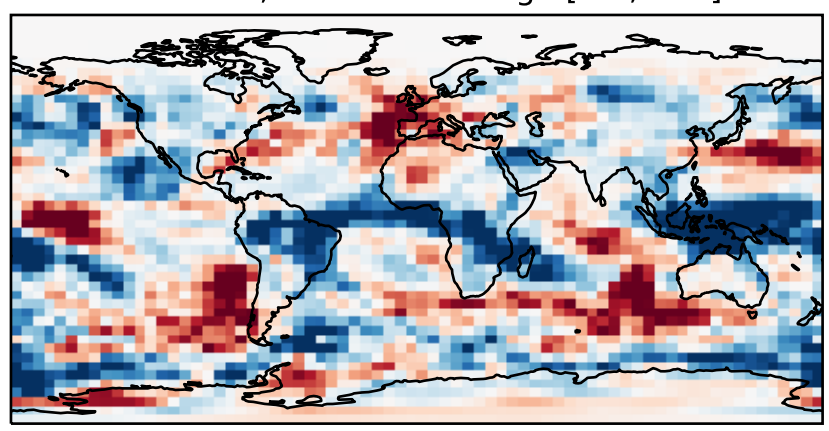


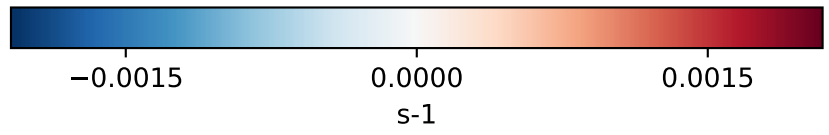
Difference
Dev - Ref, Dynamic Range



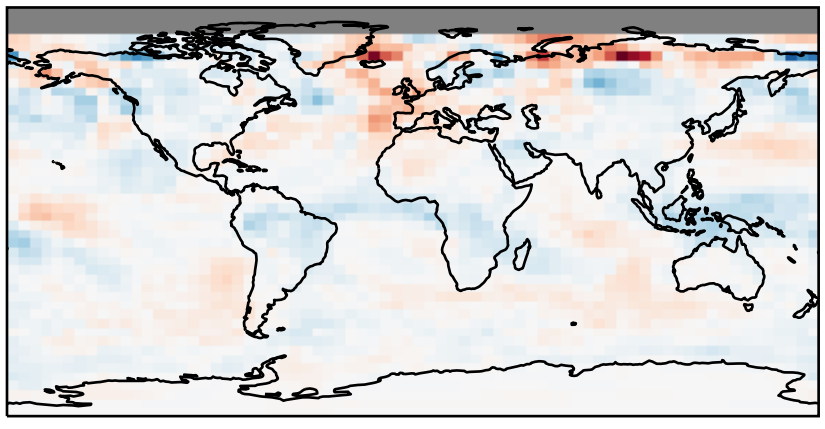


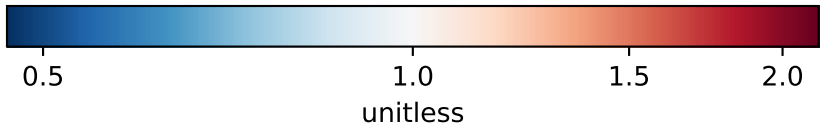
Difference
Dev - Ref, Restricted Range [5%,95%]



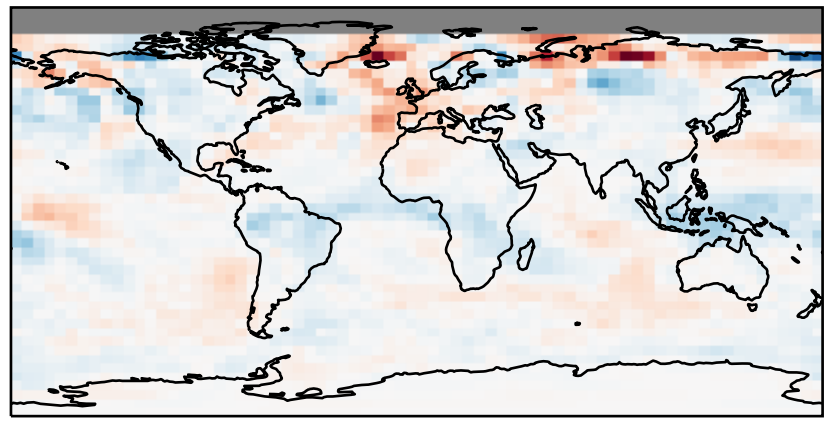


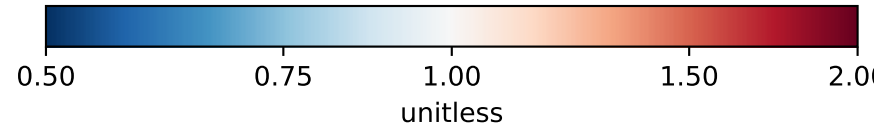
Ratio
Dev/Ref, Dynamic Range





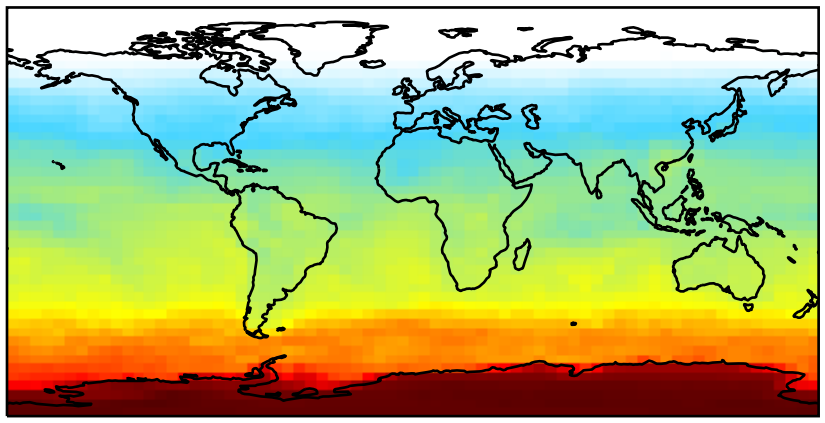
Ratio
Dev/Ref, Fixed Range

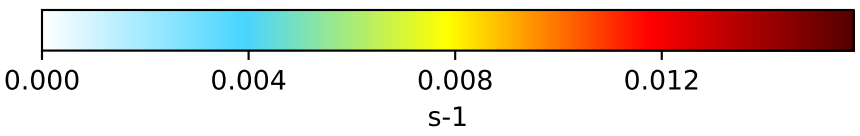




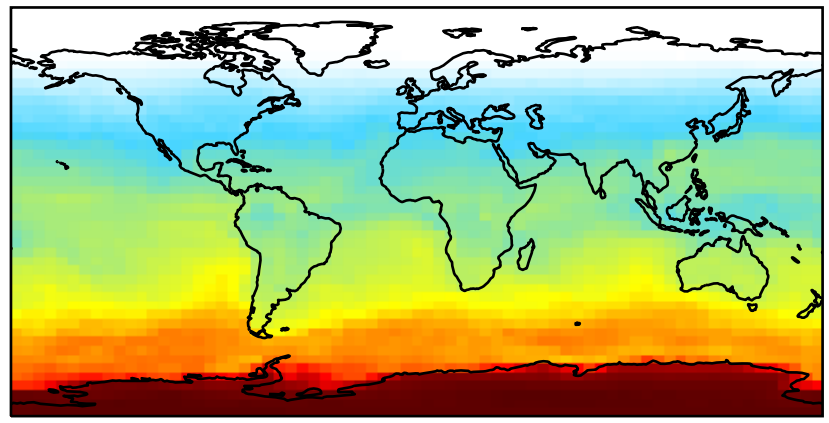
Jval_BrCl (Jan2019)

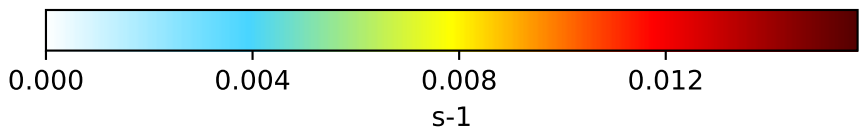
GCC_12.9.0 (Ref)
4.0x5.0



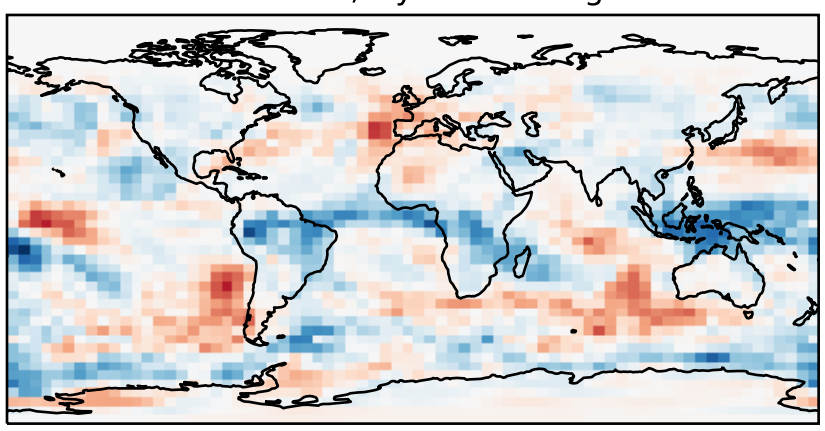


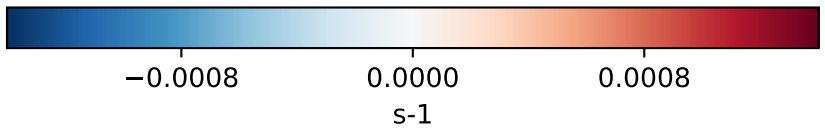
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



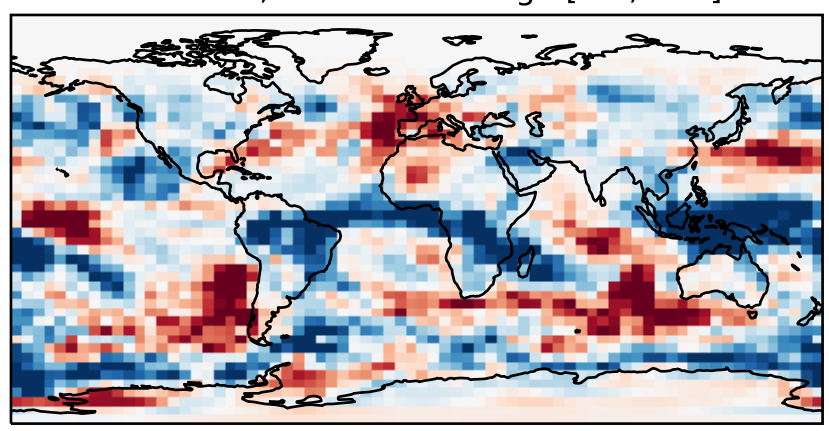


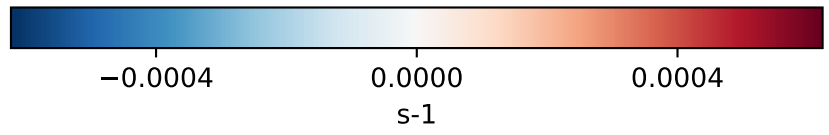
Difference
Dev - Ref, Dynamic Range



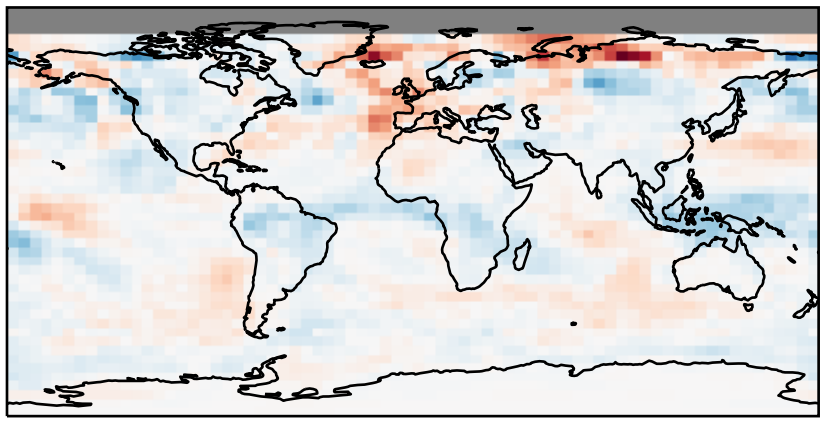


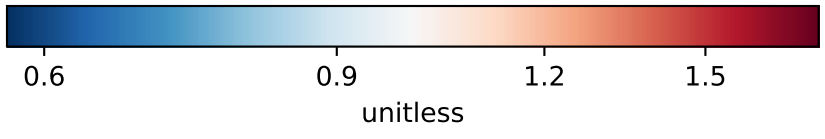
Difference
Dev - Ref, Restricted Range [5%,95%]



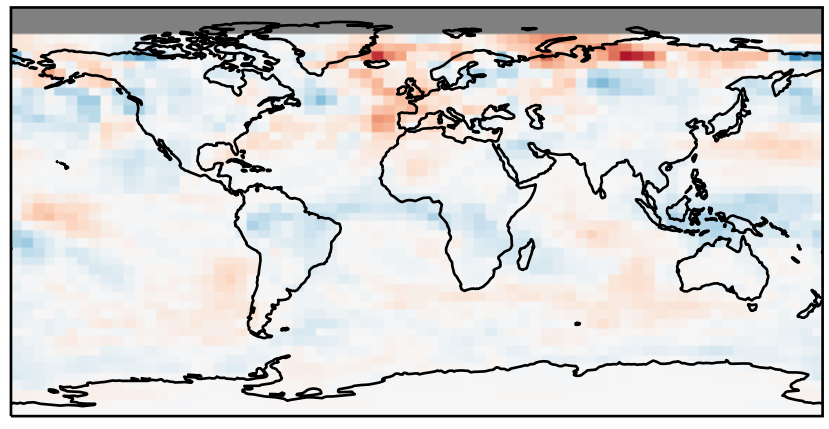


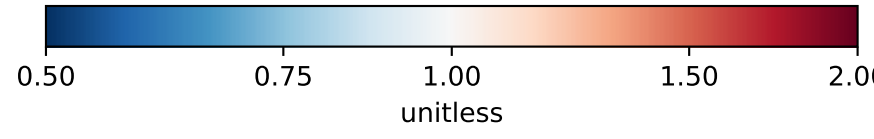
Ratio
Dev/Ref, Dynamic Range





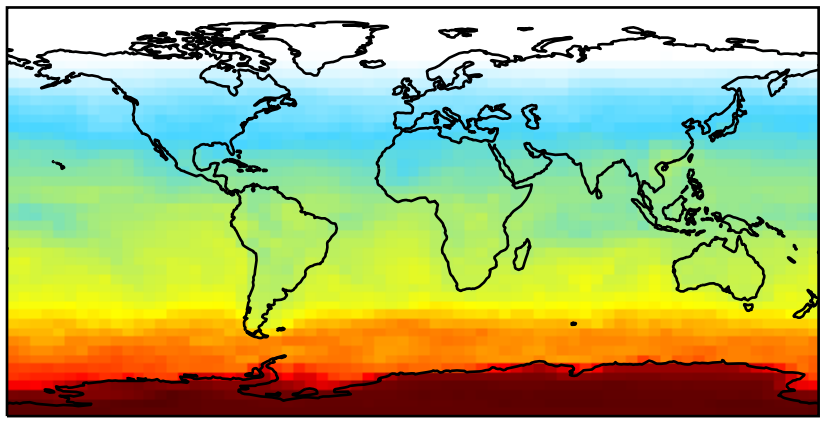
Ratio
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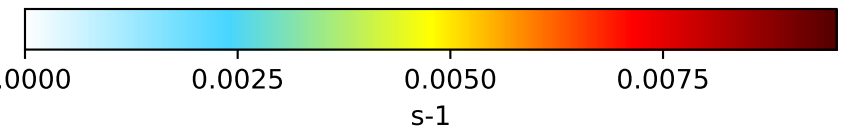




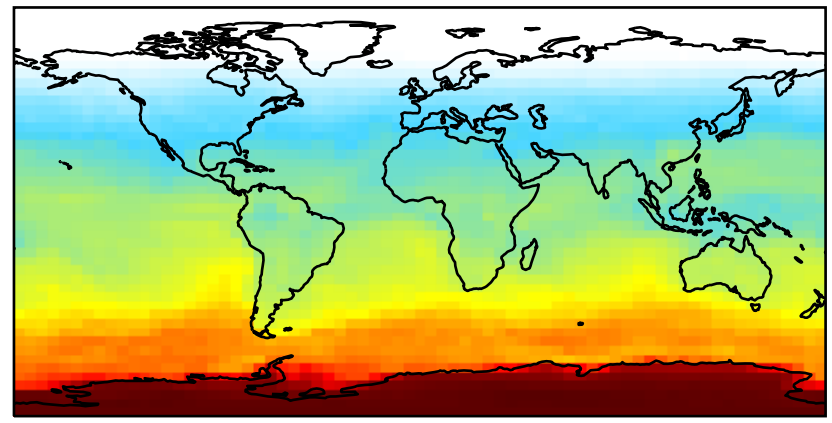
Jval_BrNO2 (Jan2019)

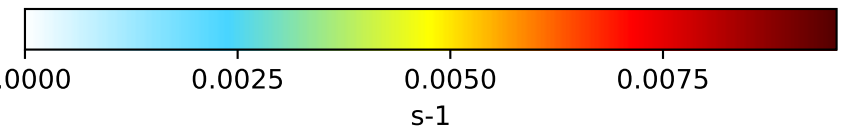
GCC_12.9.0 (Ref)
4.0x5.0



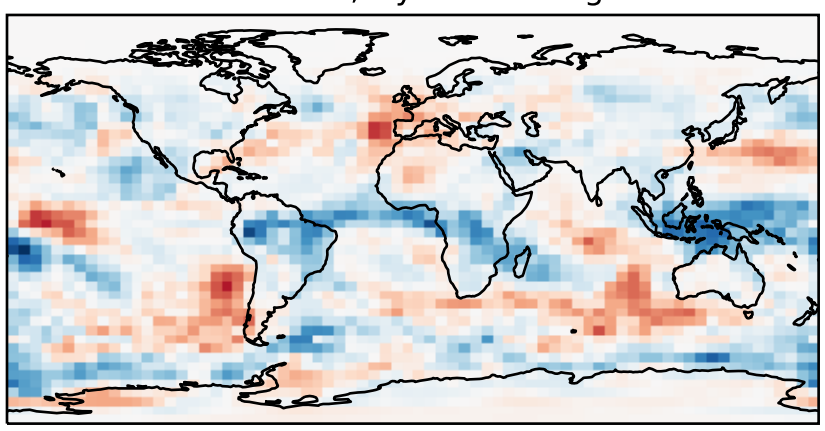


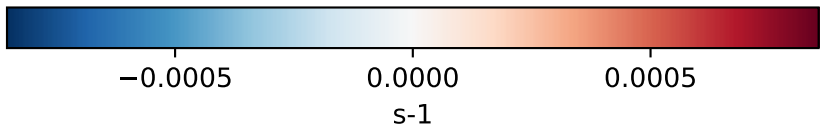
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



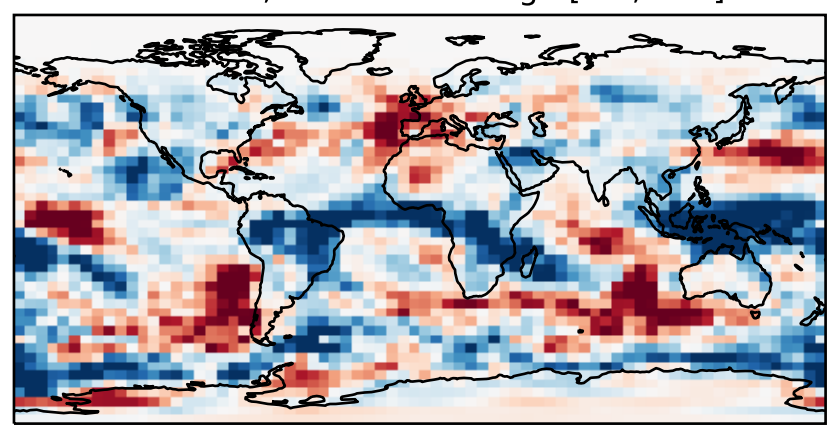


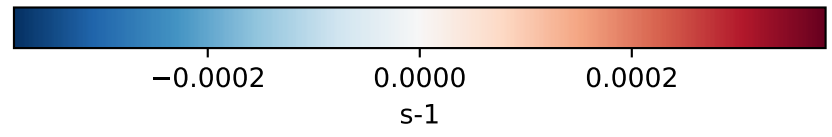
Difference
Dev - Ref, Dynamic Range



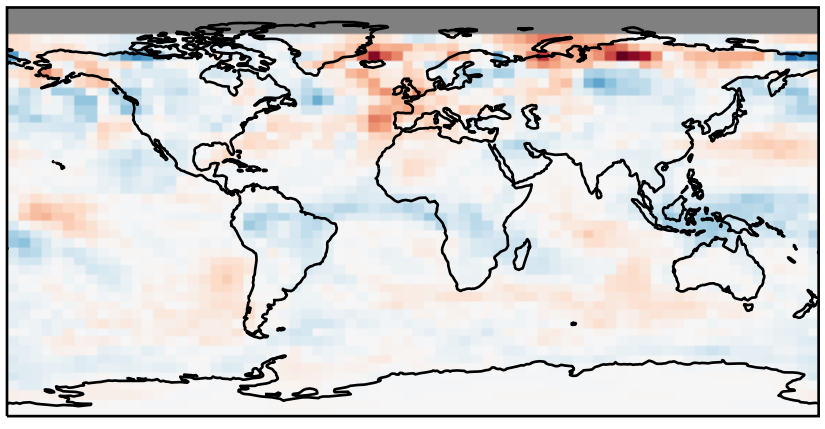


Difference
Dev - Ref, Restricted Range [5%,95%]



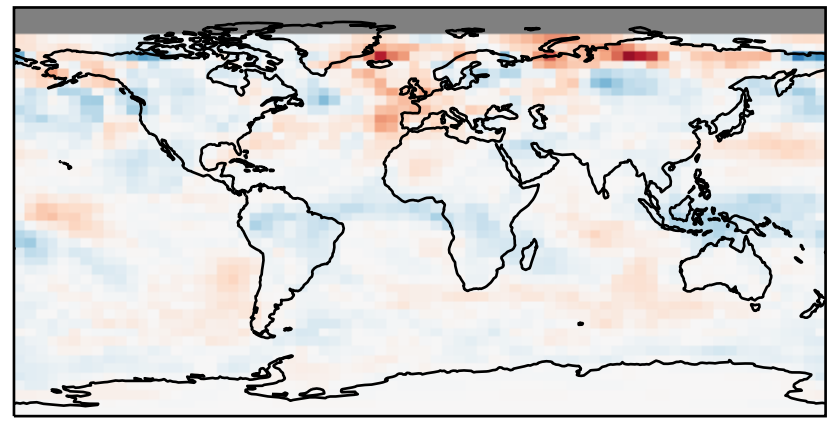


Ratio
Dev/Ref, Dynamic Range





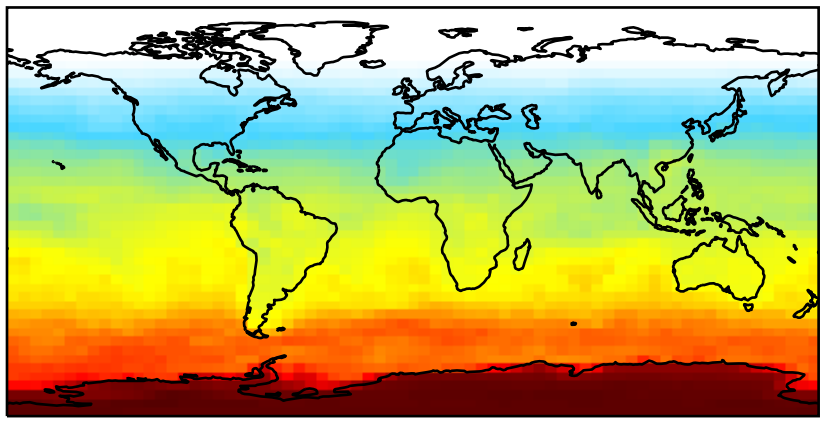
Ratio
Dev/Ref, Fixed Range

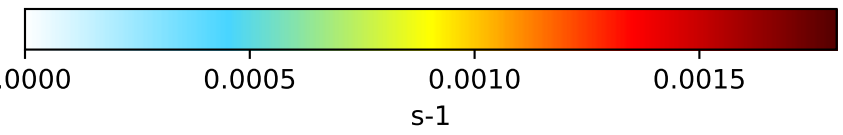




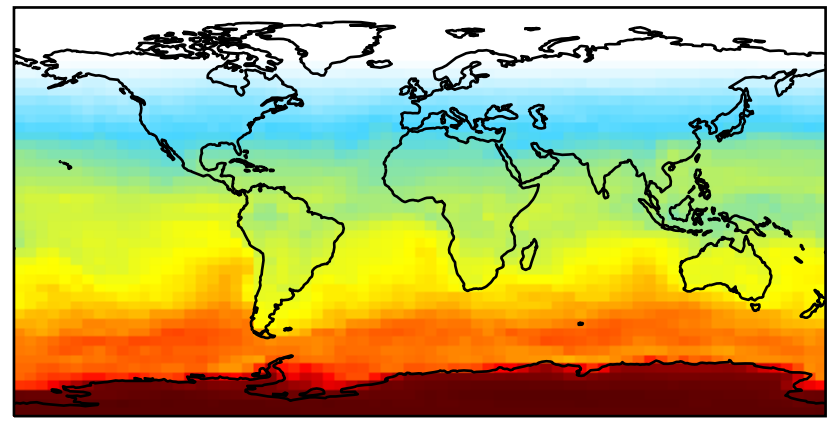
Jval_BrNO3 (Jan2019)

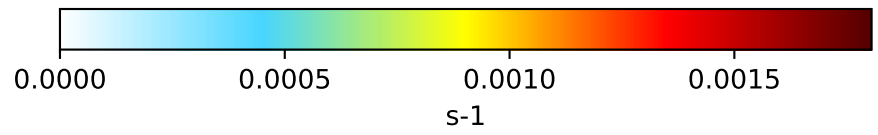
GCC_12.9.0 (Ref)
4.0x5.0



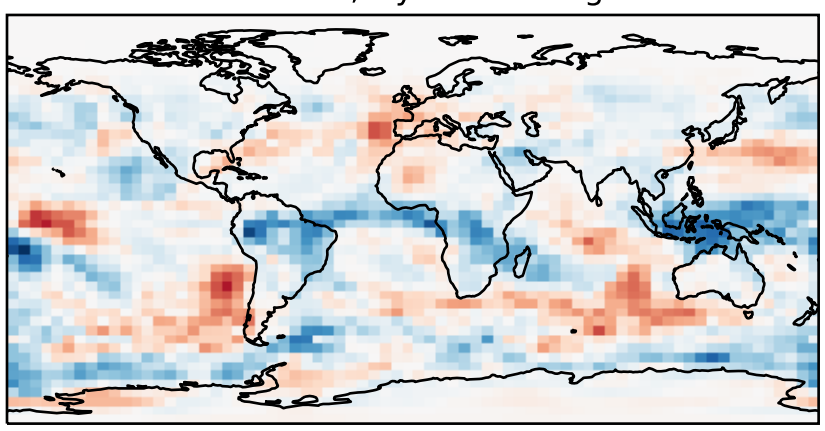


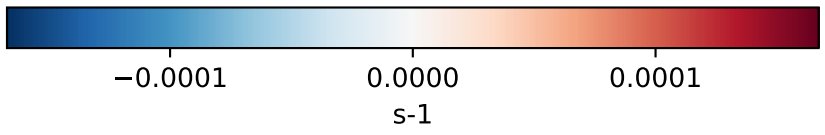
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



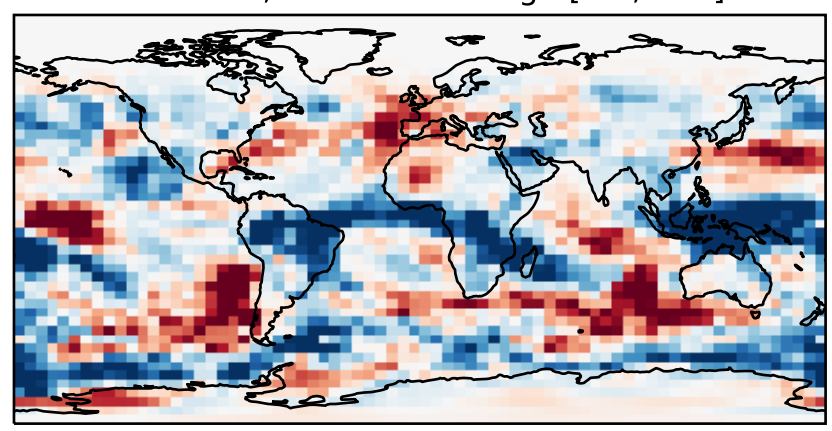


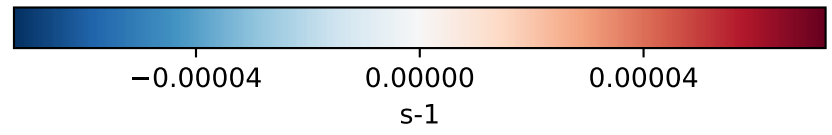
Difference
Dev - Ref, Dynamic Range



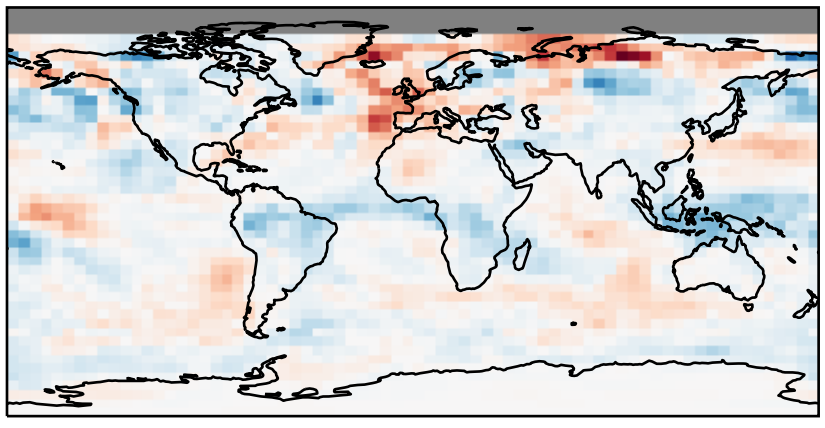


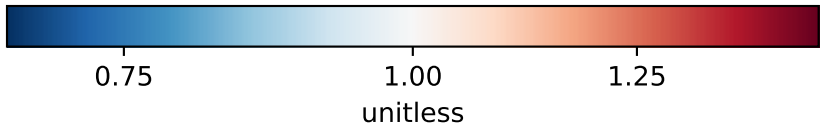
Difference
Dev - Ref, Restricted Range [5%,95%]



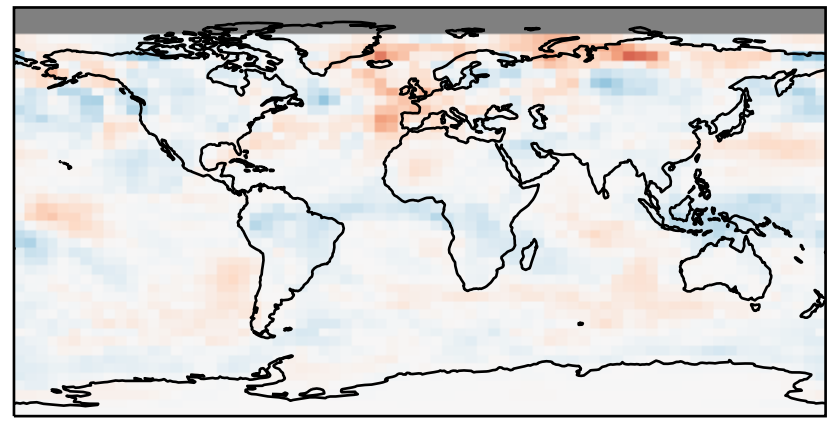


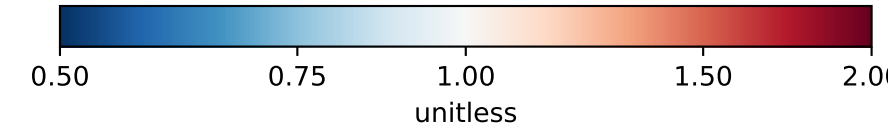
Ratio
Dev/Ref, Dynamic Range





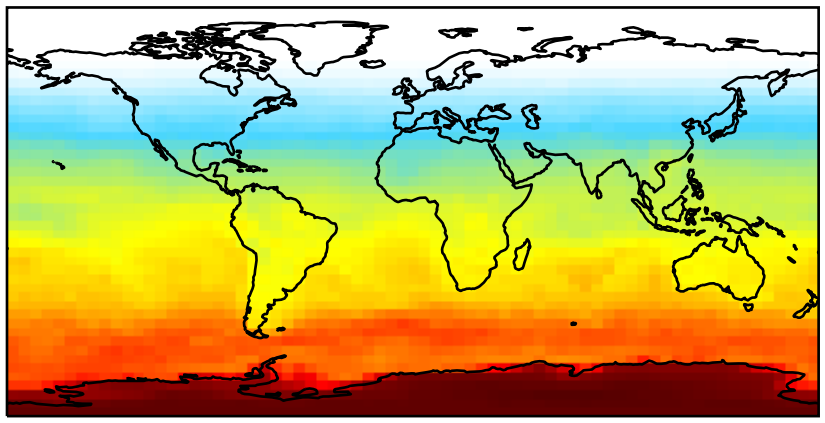
Ratio
Dev/Ref, Fixed Range

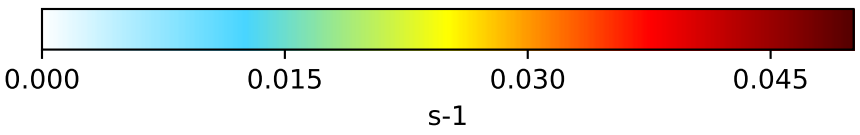




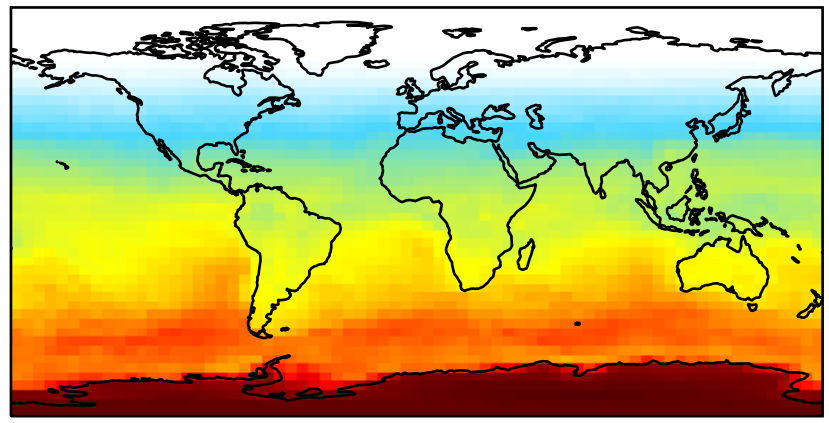
Jval_BrO (Jan2019)

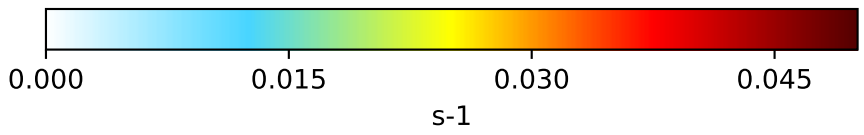
GCC_12.9.0 (Ref)
4.0x5.0



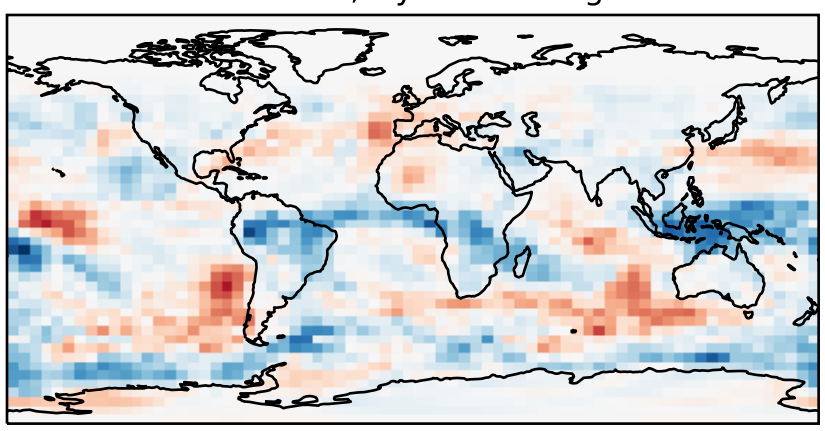


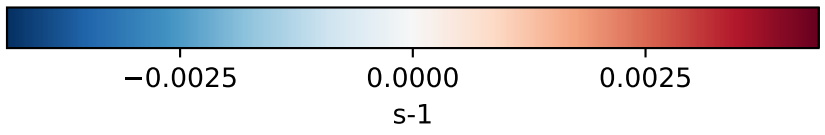
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



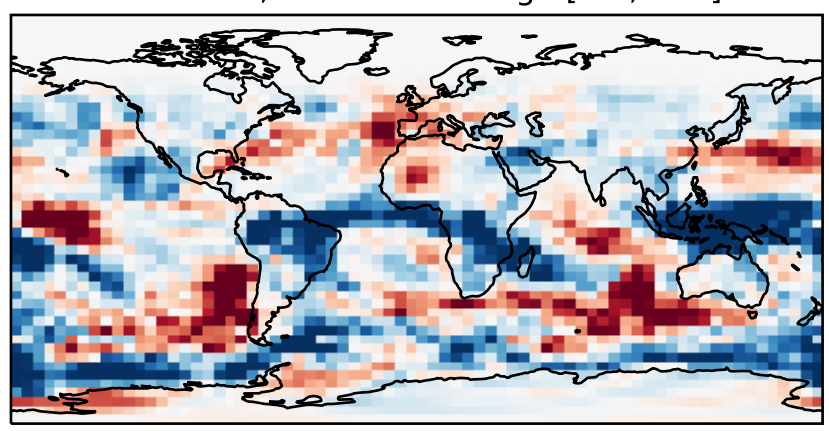


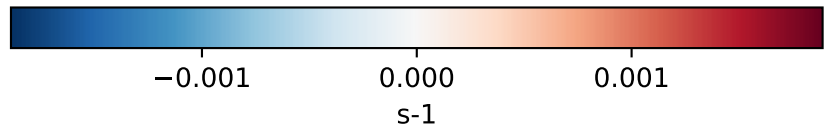
Difference
Dev - Ref, Dynamic Range



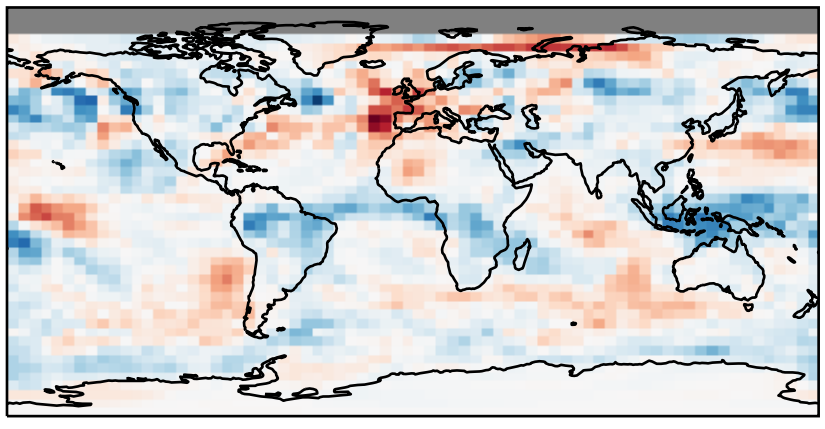


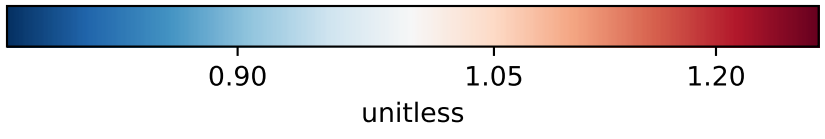
Difference
Dev - Ref, Restricted Range [5%,95%]



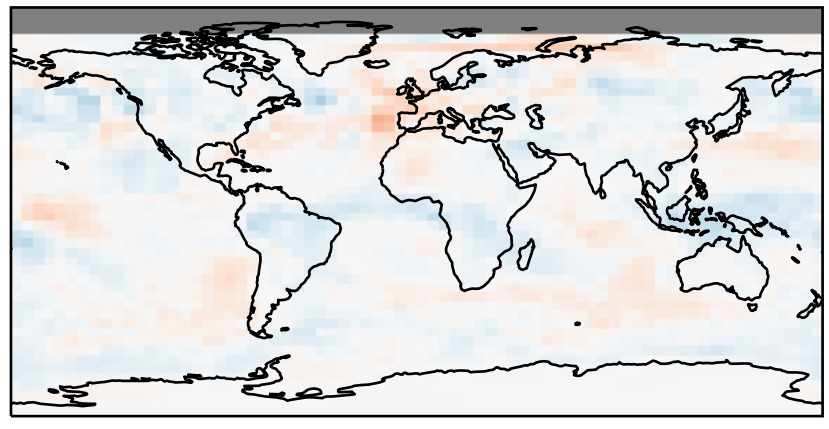


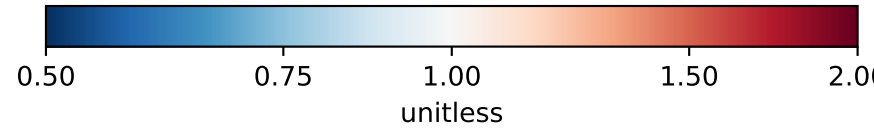
Ratio
Dev/Ref, Dynamic Range





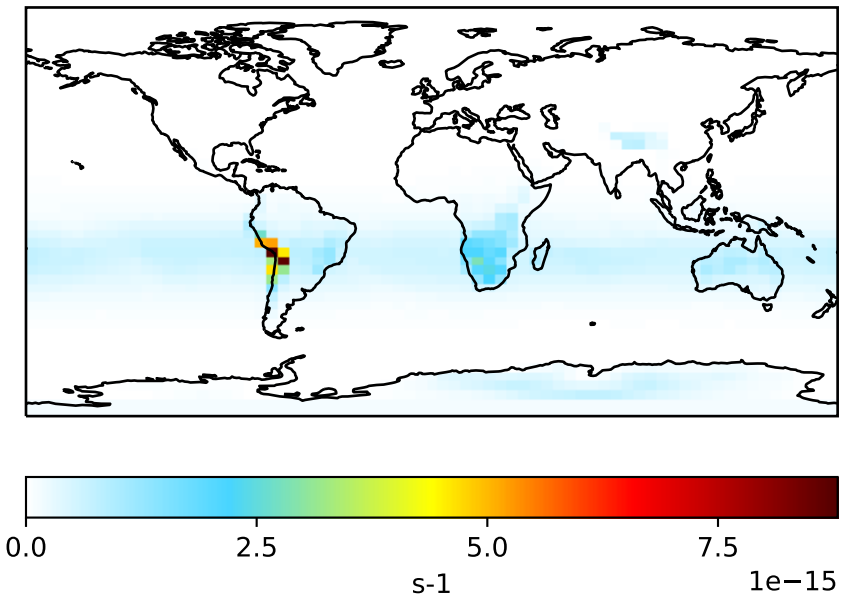
Ratio
Dev/Ref, Fixed Range



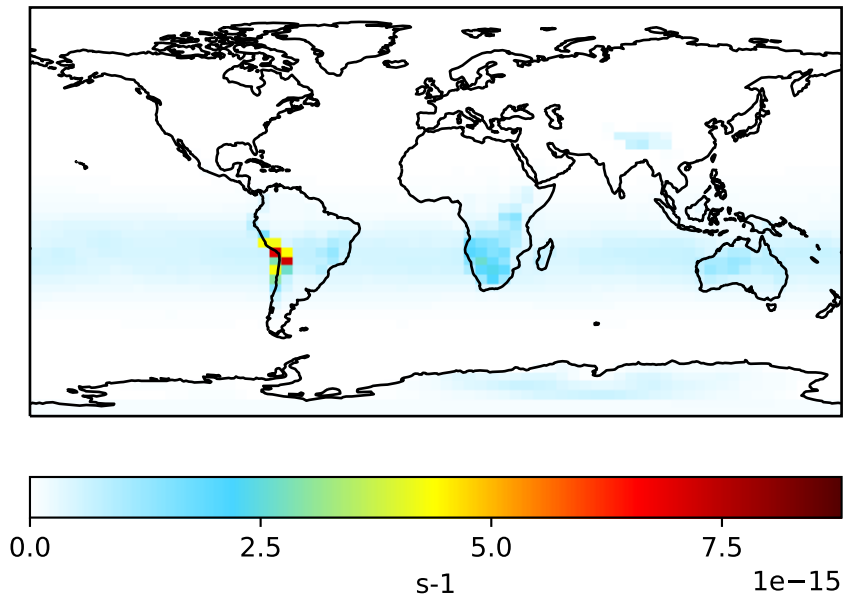


Jval_CCl4 (Jan2019)

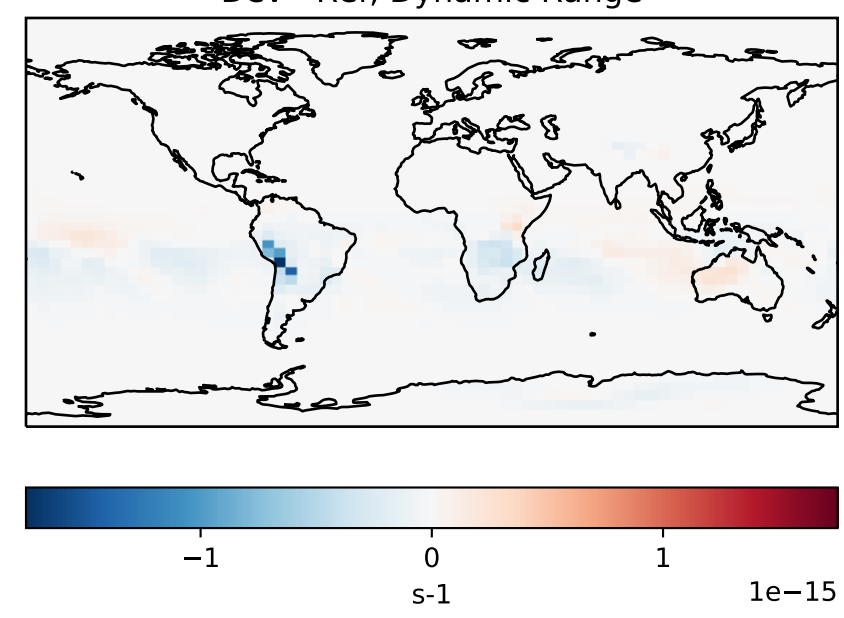
GCC_12.9.0 (Ref)
4.0x5.0



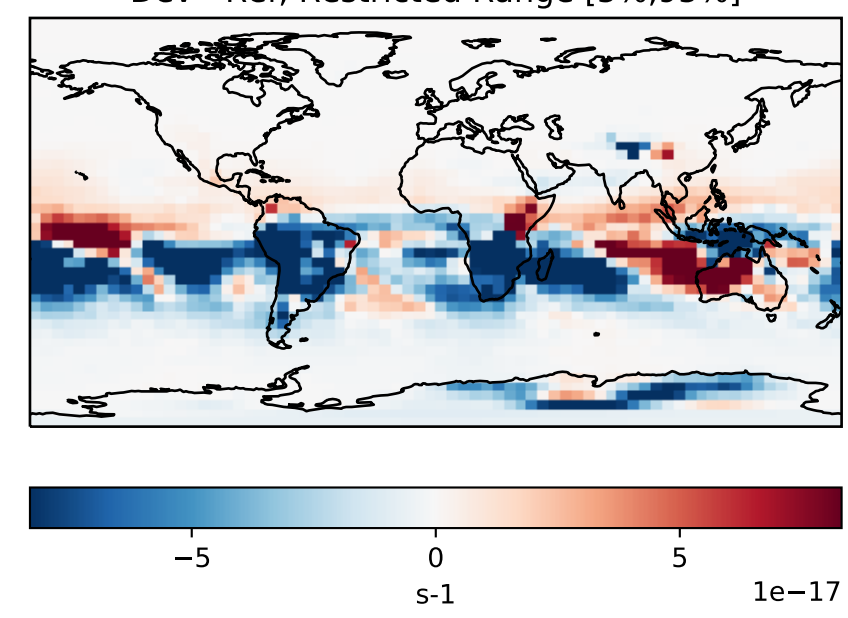
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



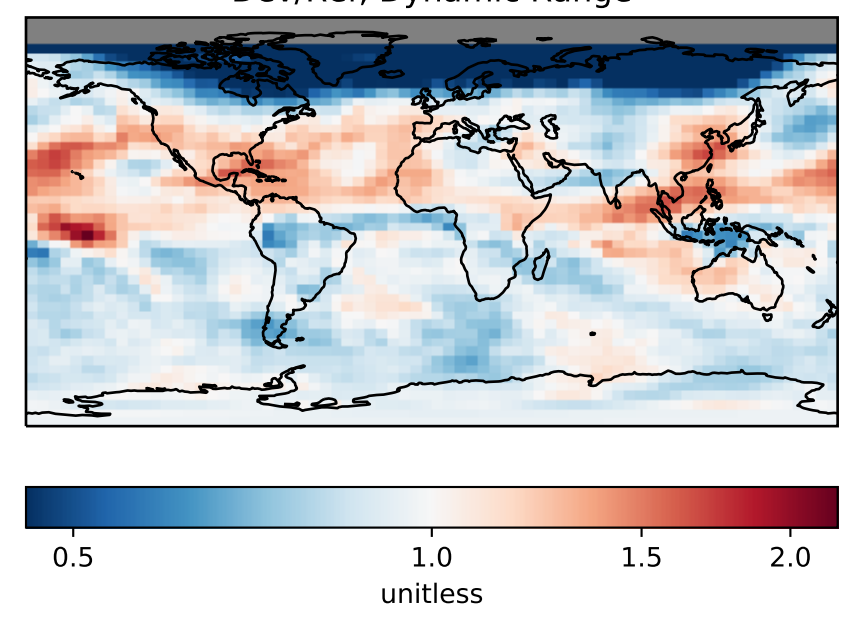
Difference
Dev - Ref, Dynamic Range



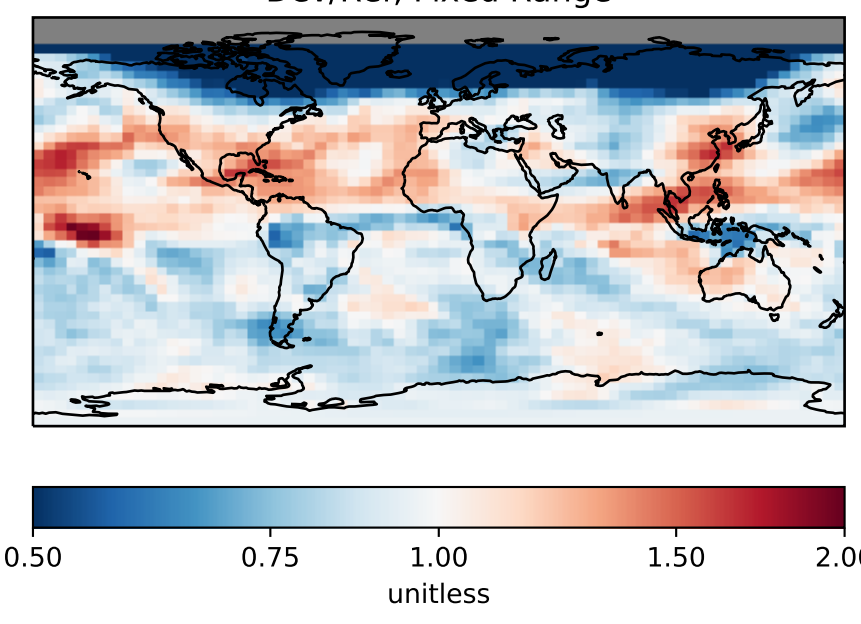
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

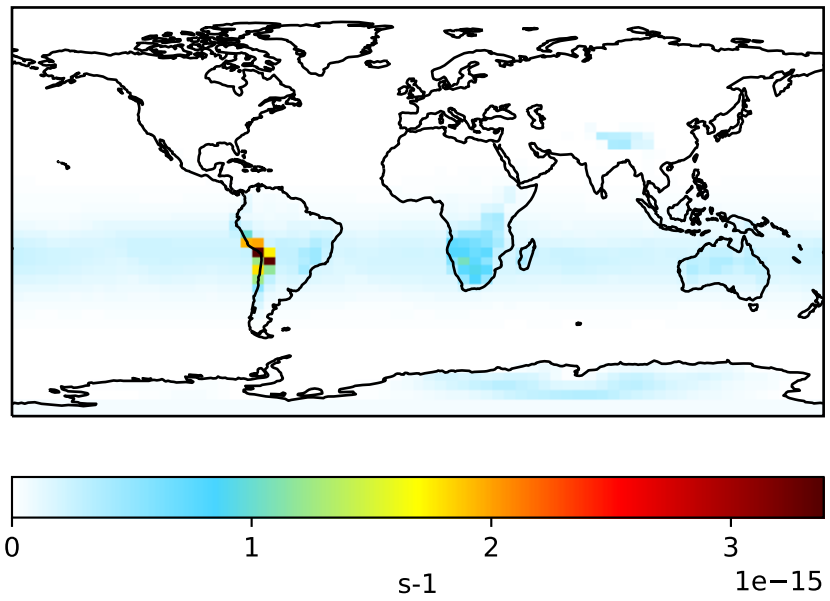


Ratio
Dev/Ref, Fixed Range

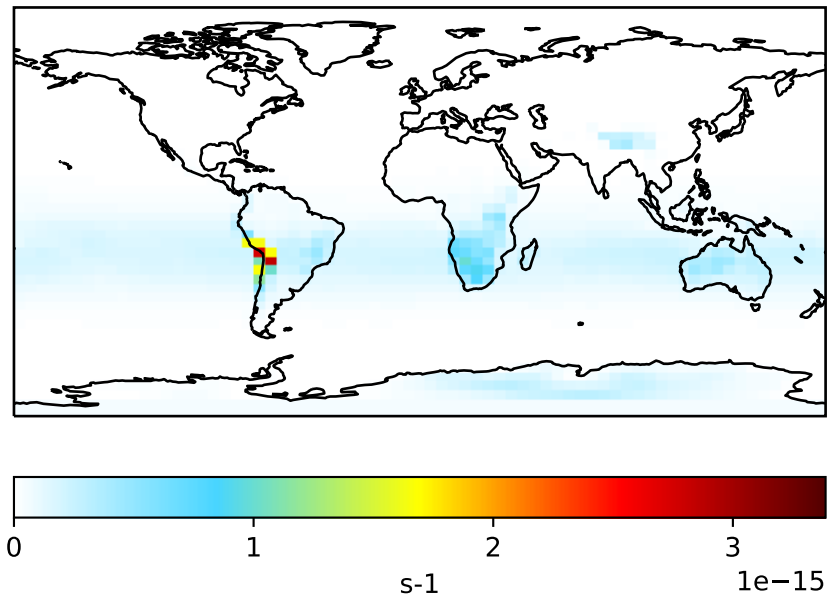


Jval_CFC11 (Jan2019)

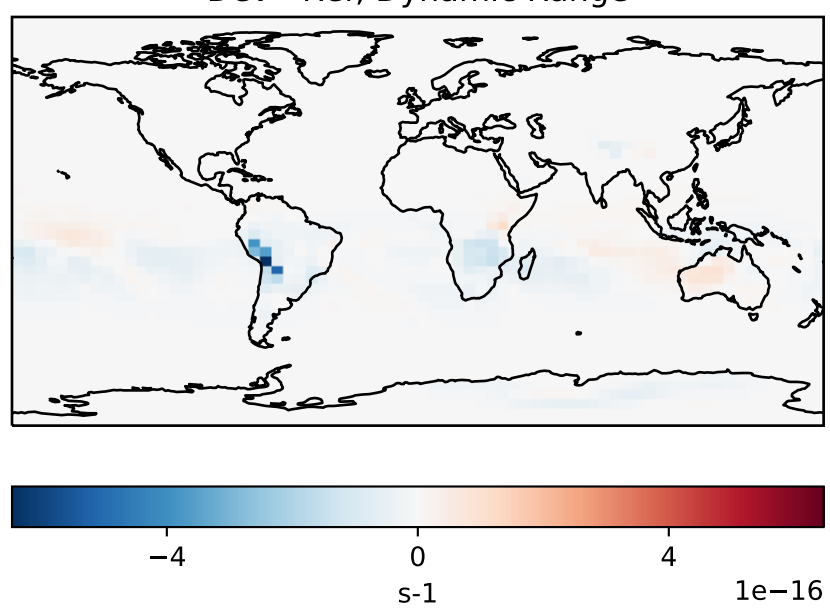
GCC_12.9.0 (Ref)
4.0x5.0



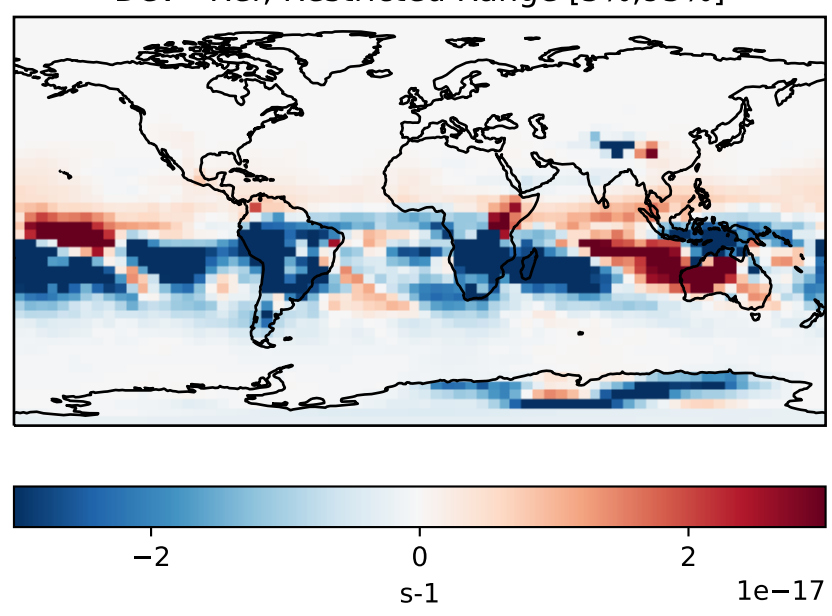
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



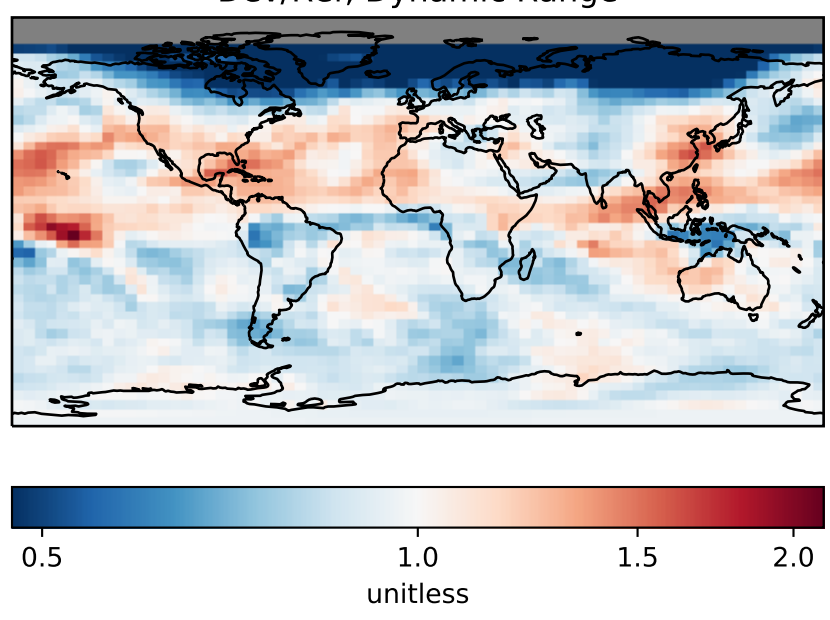
Difference
Dev - Ref, Dynamic Range



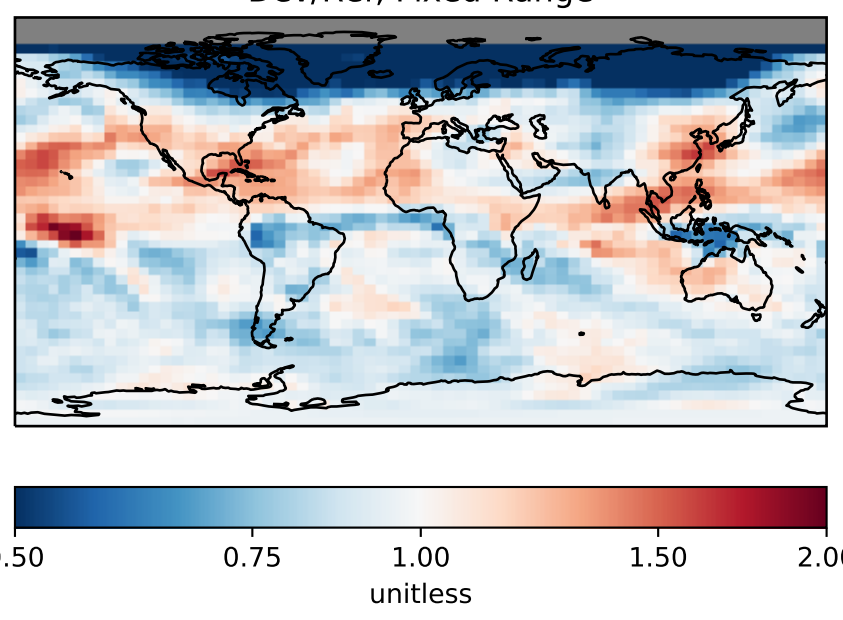
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

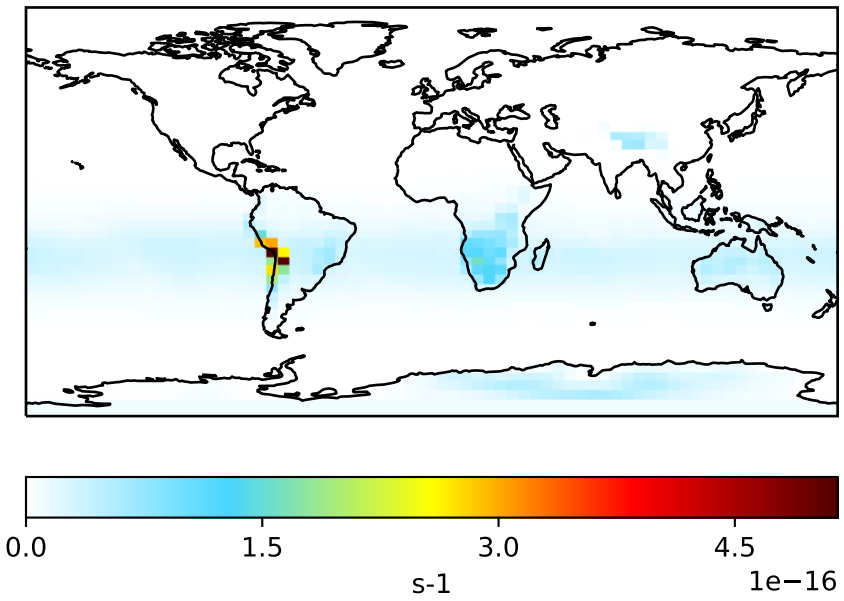


Ratio
Dev/Ref, Fixed Range

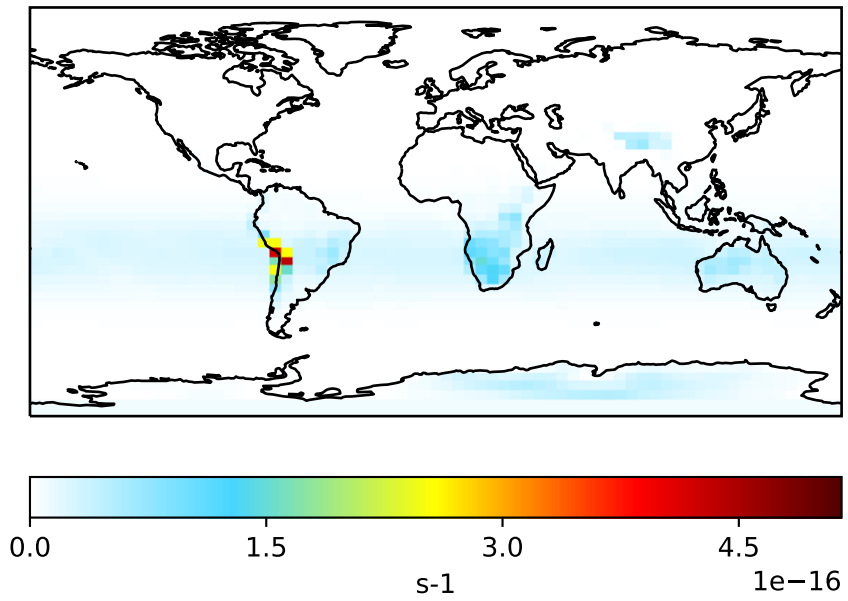


Jval_CFC113 (Jan2019)

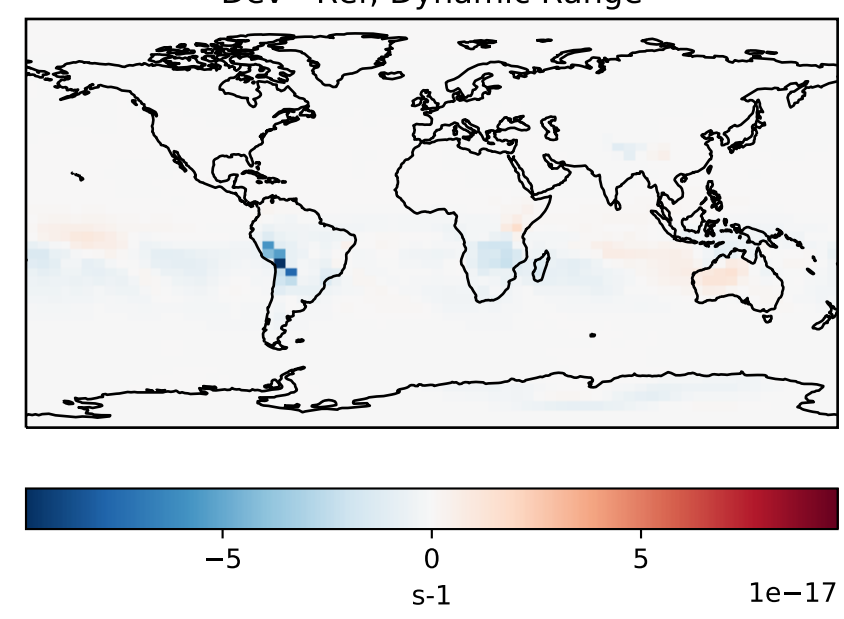
GCC_12.9.0 (Ref)
4.0x5.0



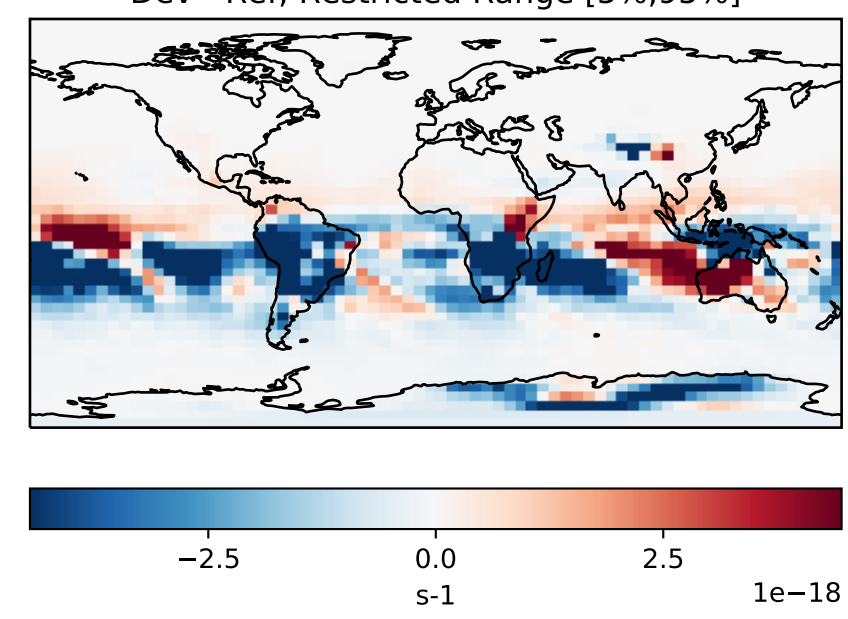
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



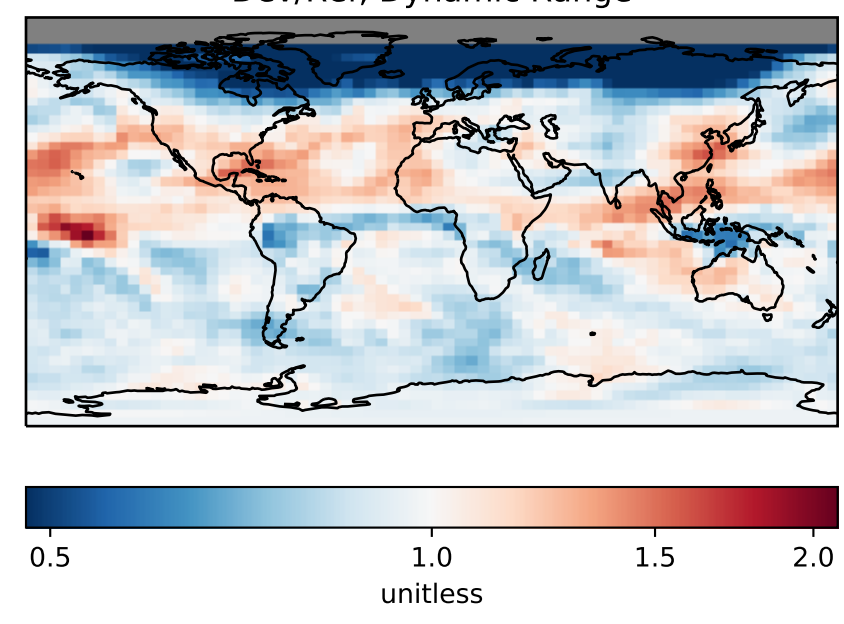
Difference
Dev - Ref, Dynamic Range



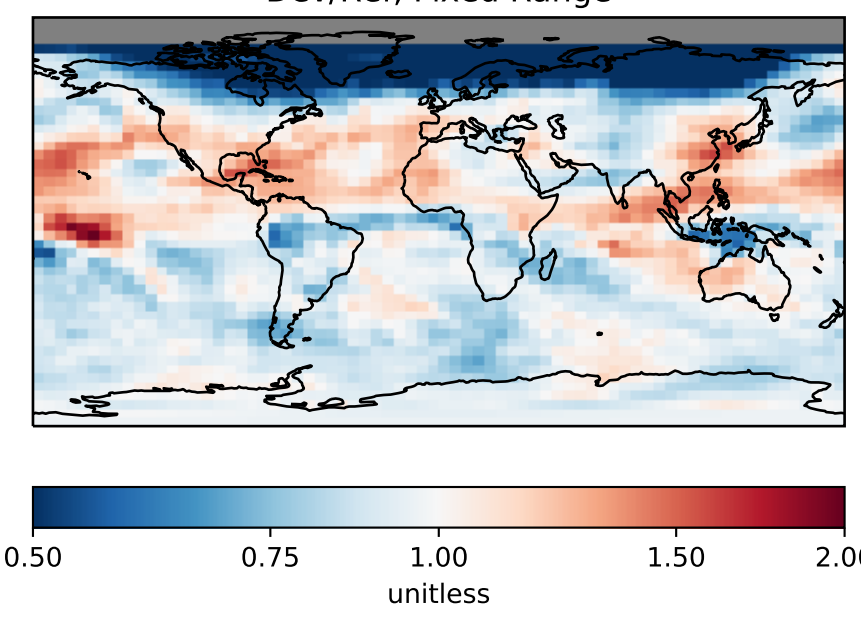
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

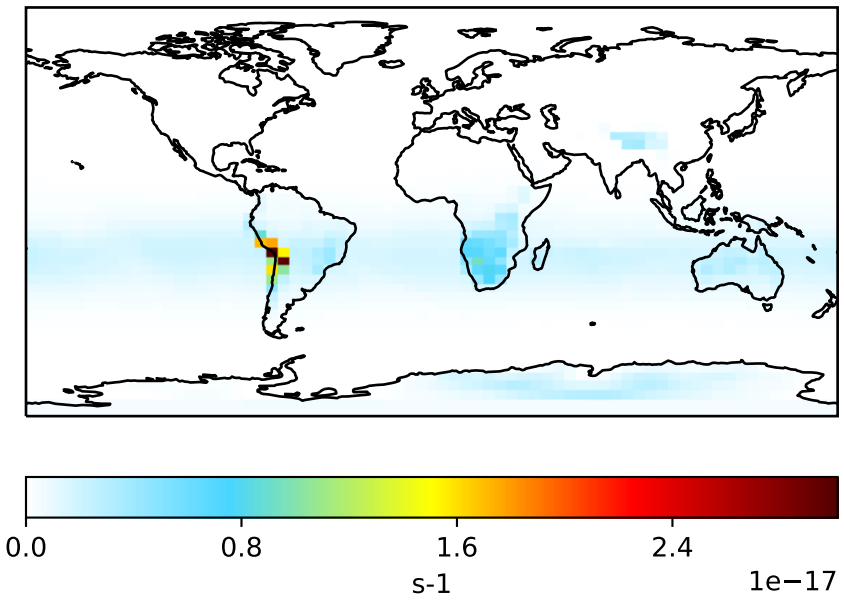


Ratio
Dev/Ref, Fixed Range

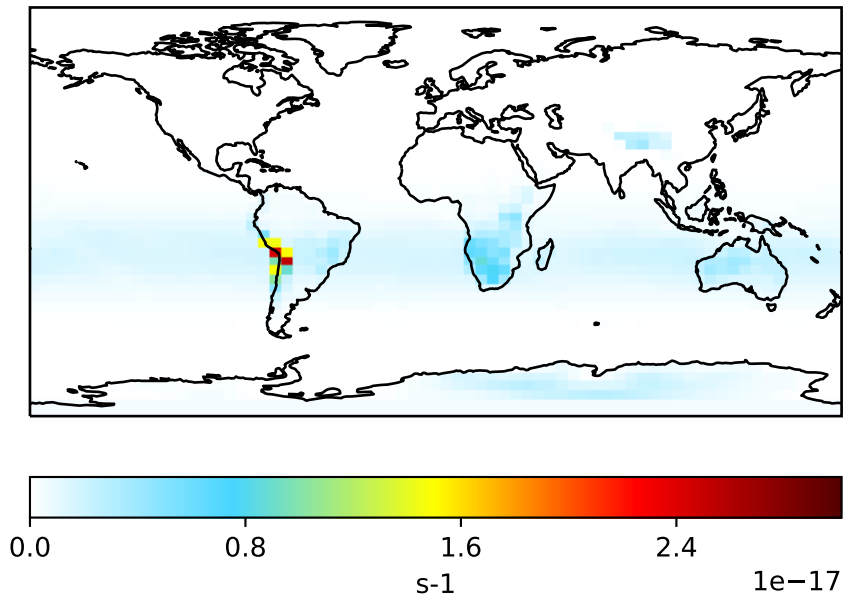


Jval_CFC114 (Jan2019)

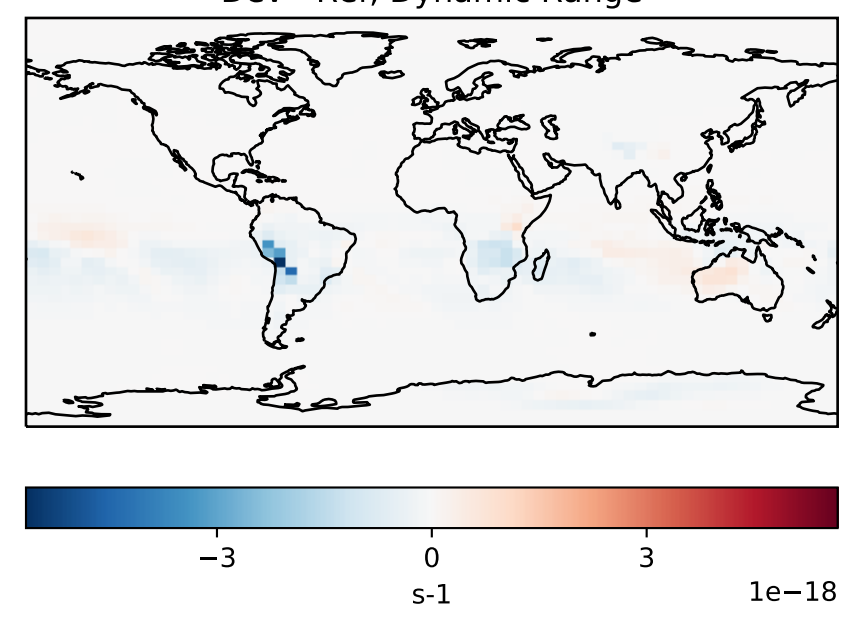
GCC_12.9.0 (Ref)
4.0x5.0



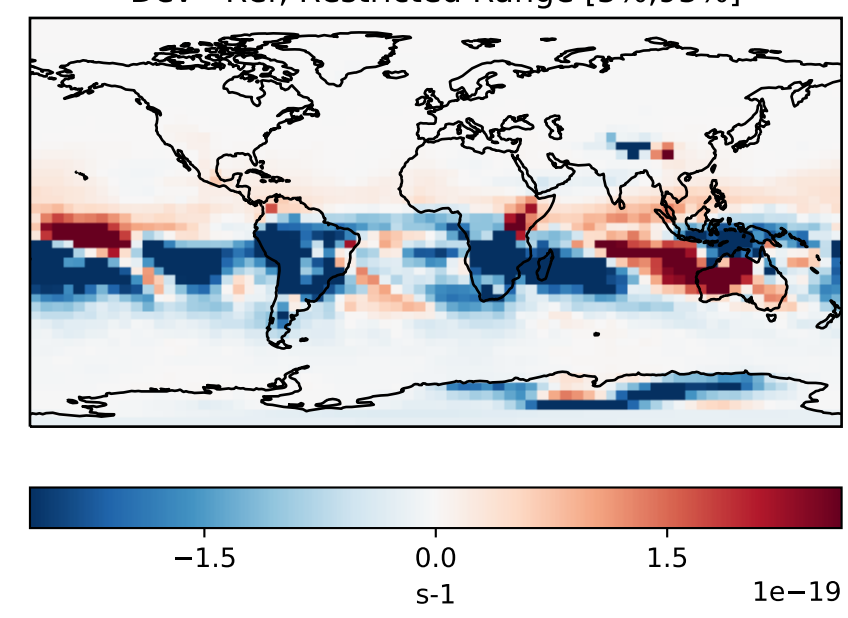
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



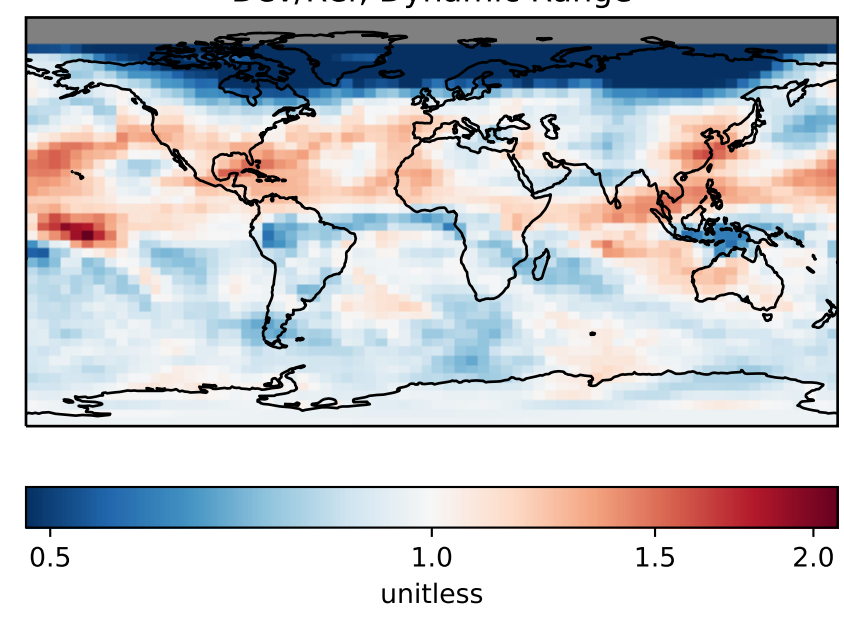
Difference
Dev - Ref, Dynamic Range



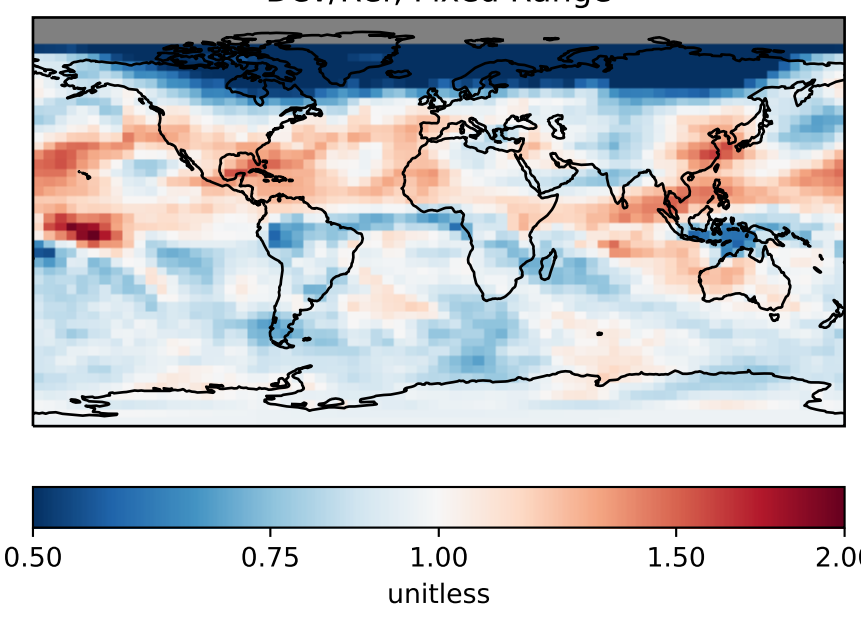
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

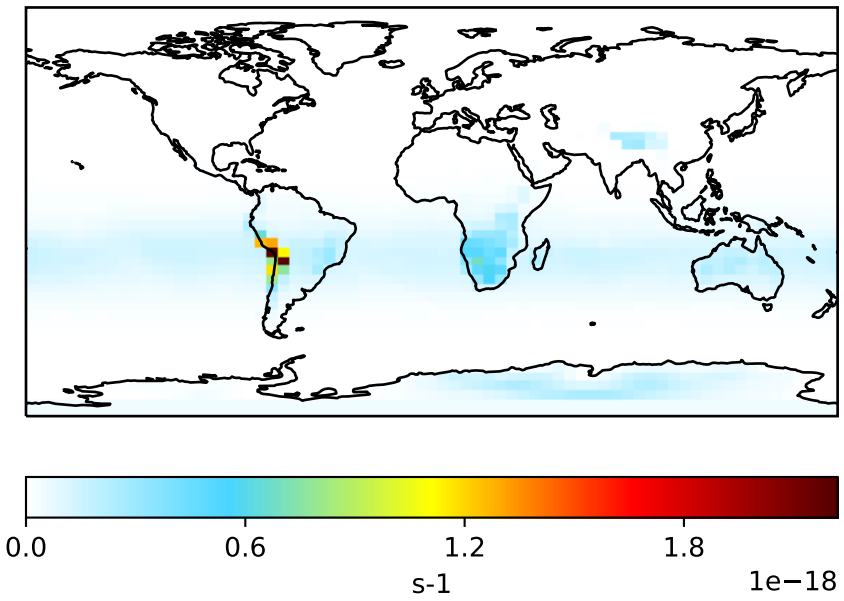


Ratio
Dev/Ref, Fixed Range

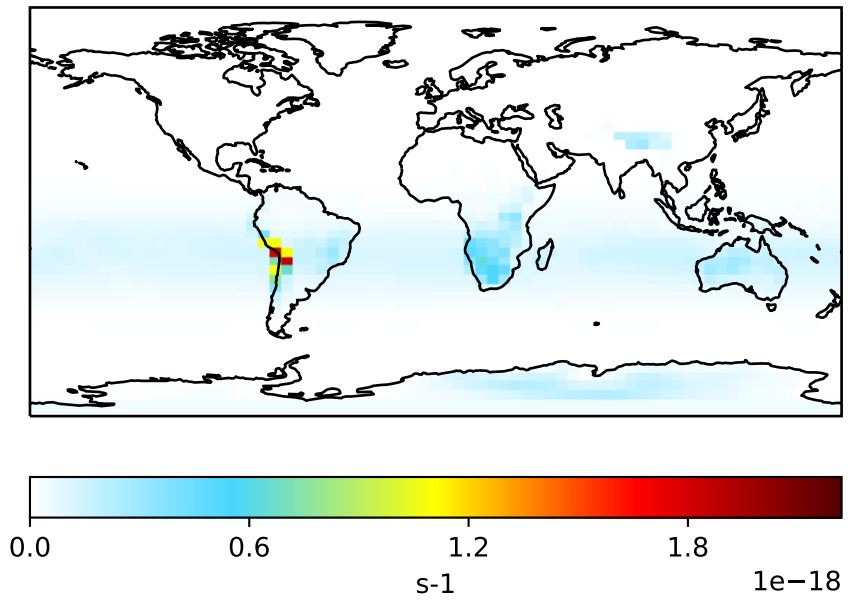


Jval_CFC115 (Jan2019)

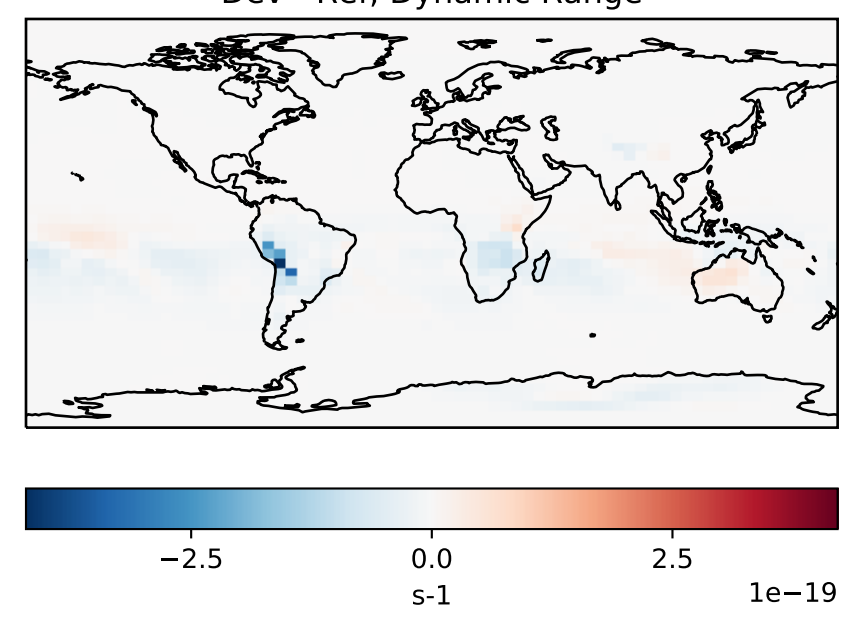
GCC_12.9.0 (Ref)
4.0x5.0



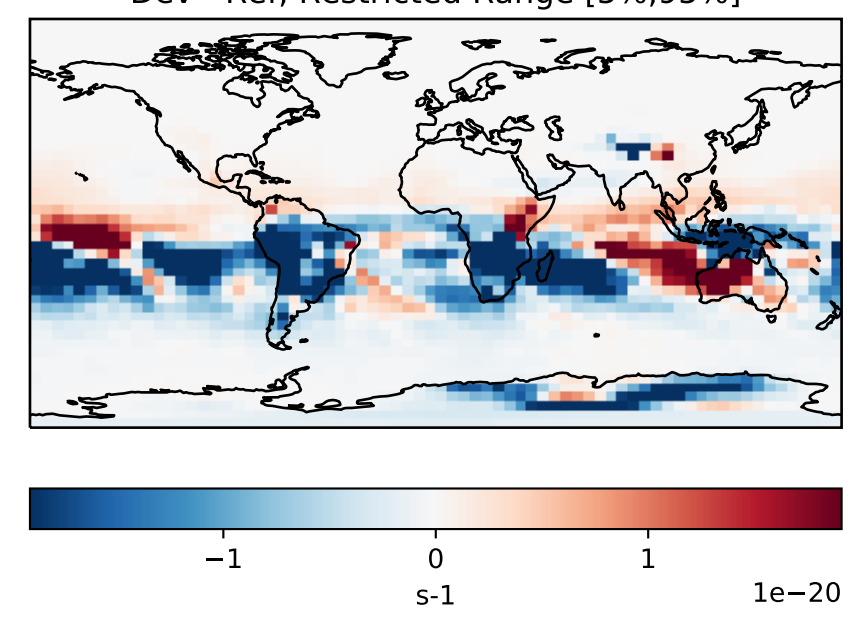
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



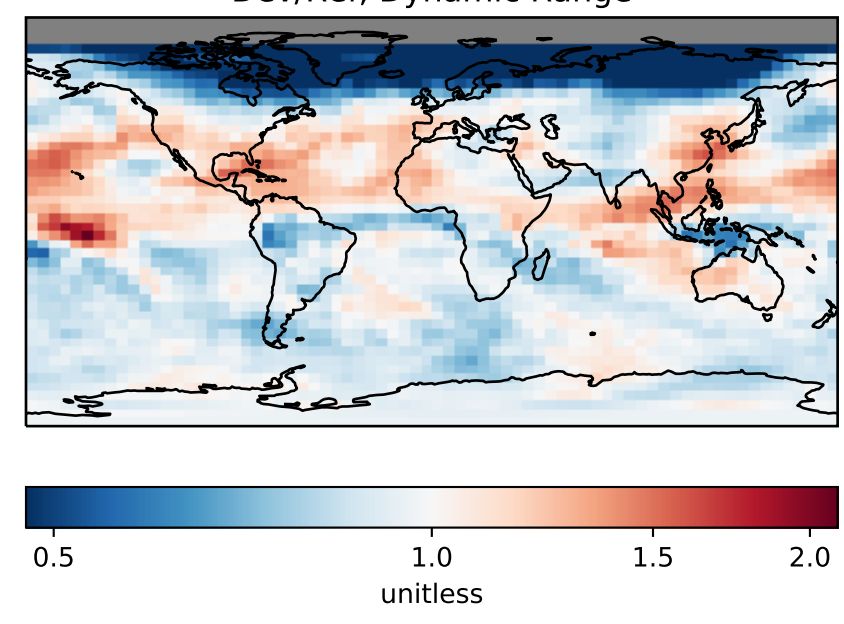
Difference
Dev - Ref, Dynamic Range



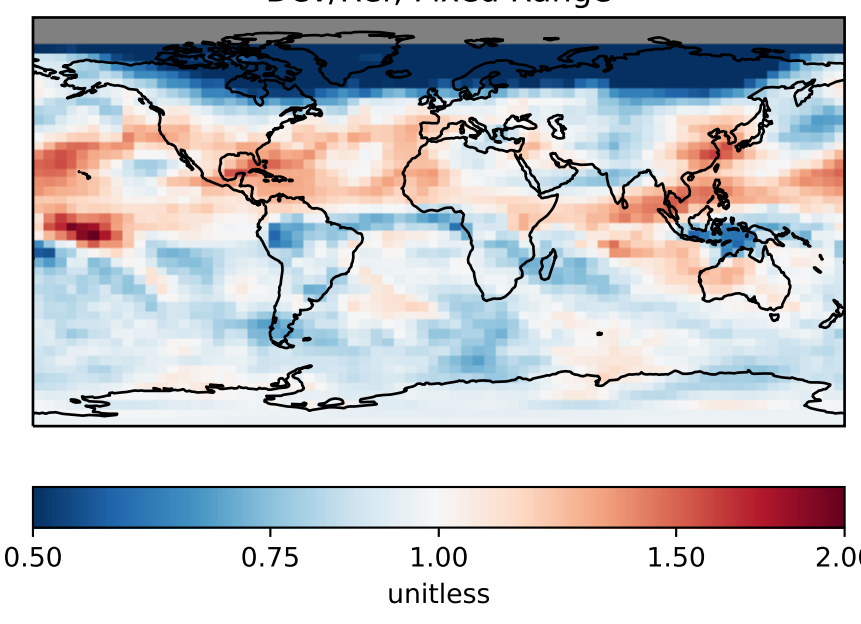
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

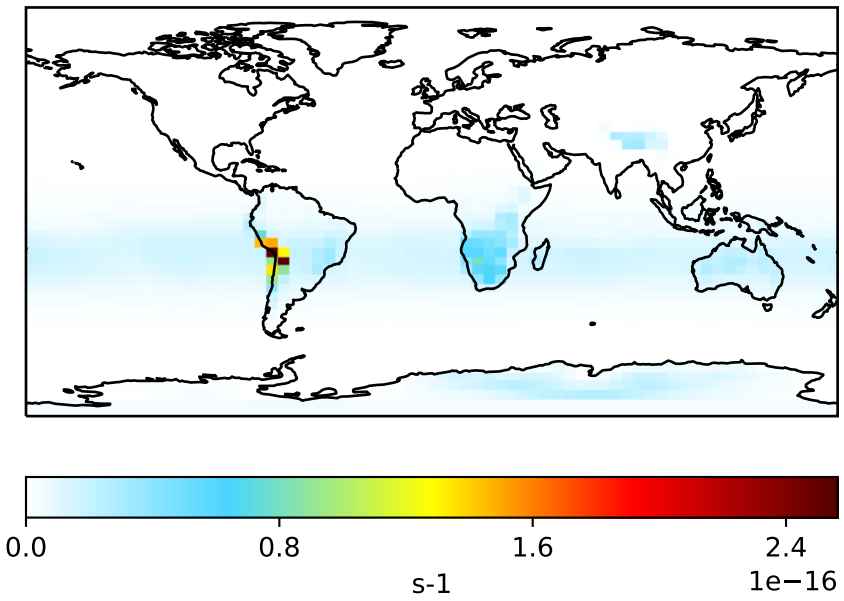


Ratio
Dev/Ref, Fixed Range

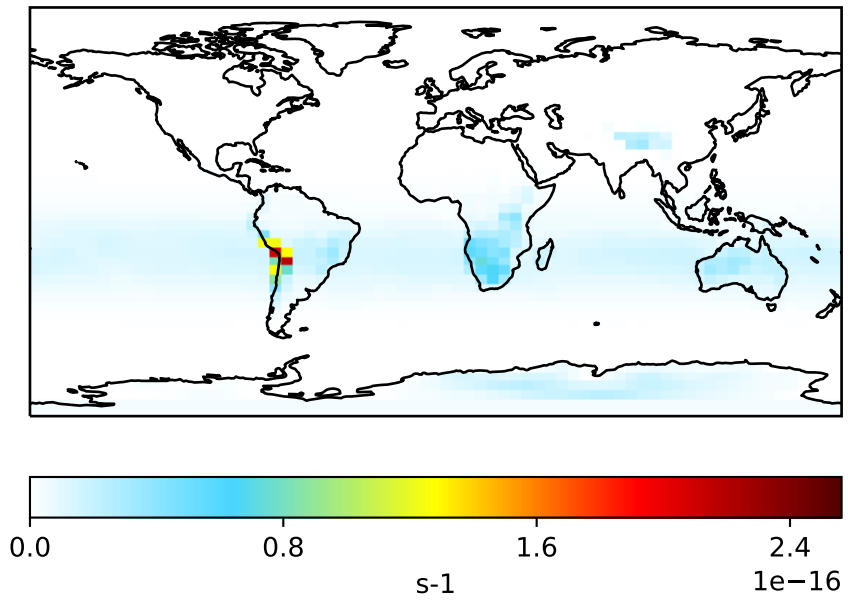


Jval_CFC12 (Jan2019)

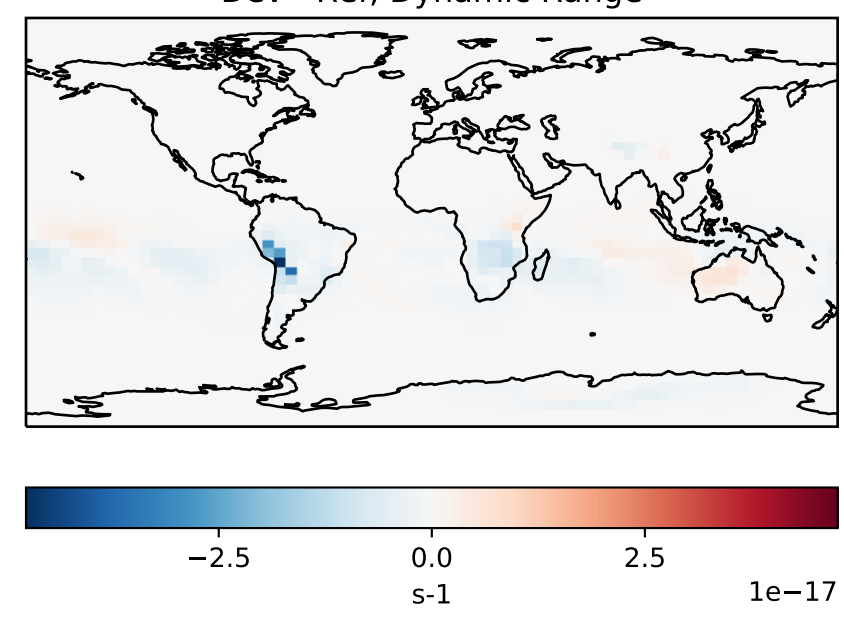
GCC_12.9.0 (Ref)
4.0x5.0



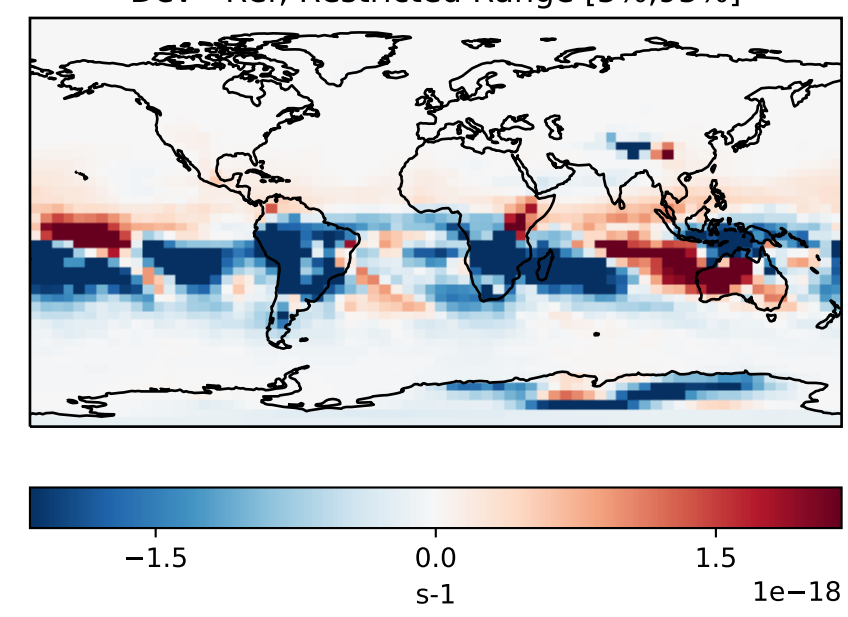
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



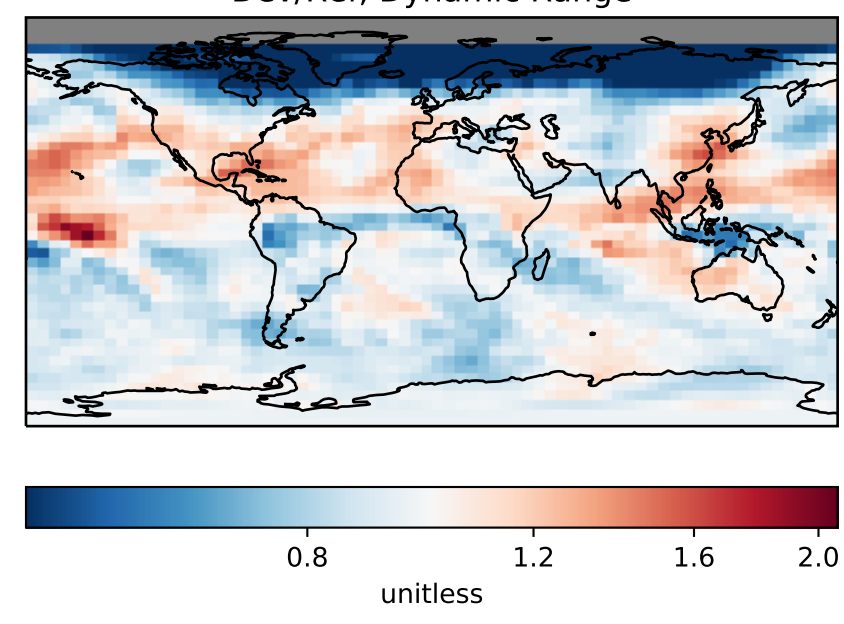
Difference
Dev - Ref, Dynamic Range



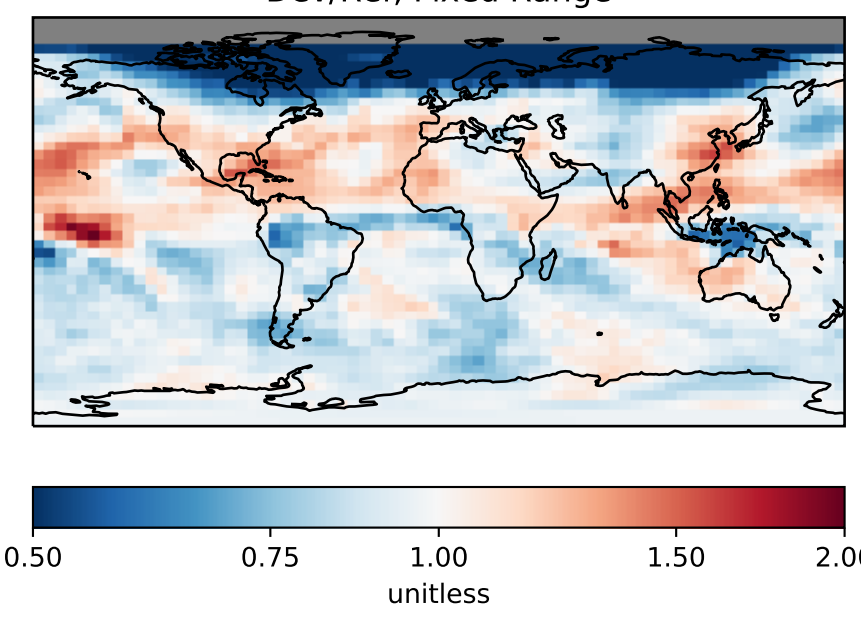
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

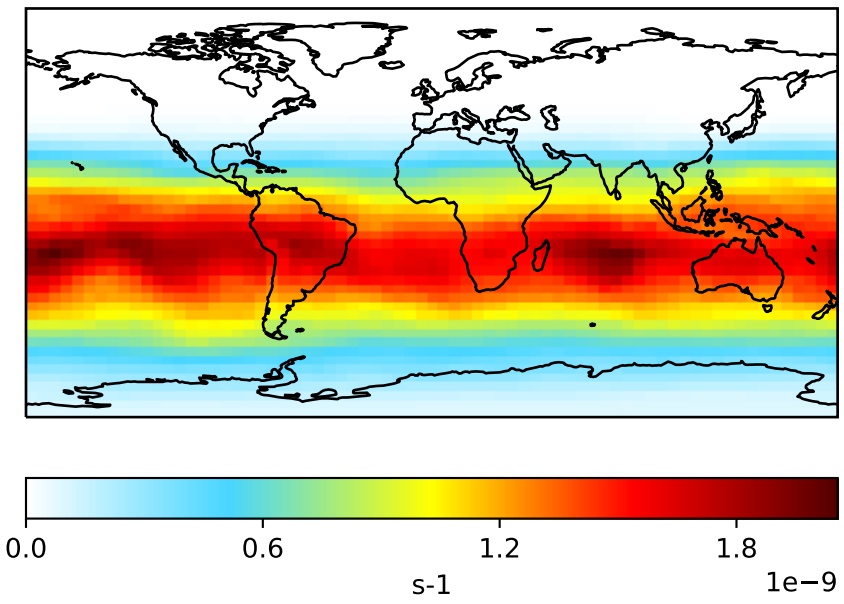


Ratio
Dev/Ref, Fixed Range

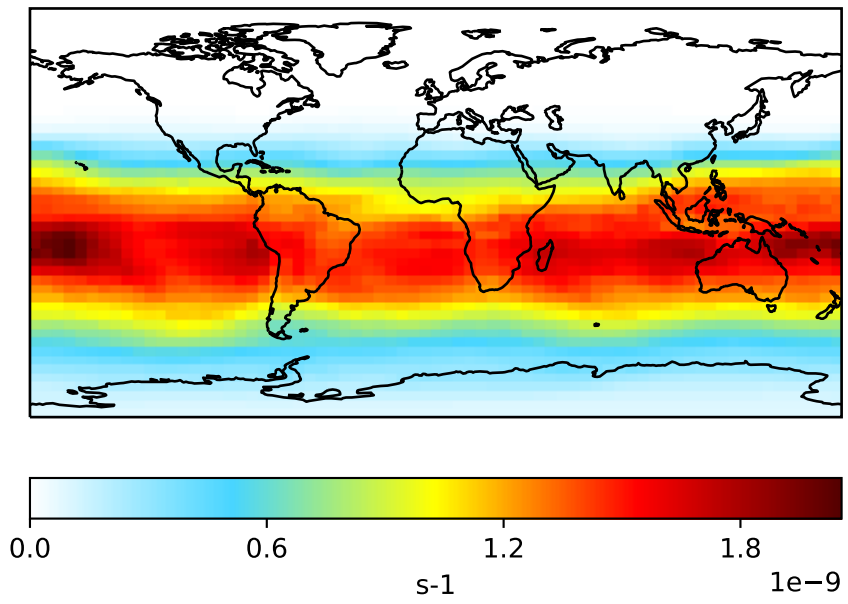


Jval_CH2Br2 (Jan2019)

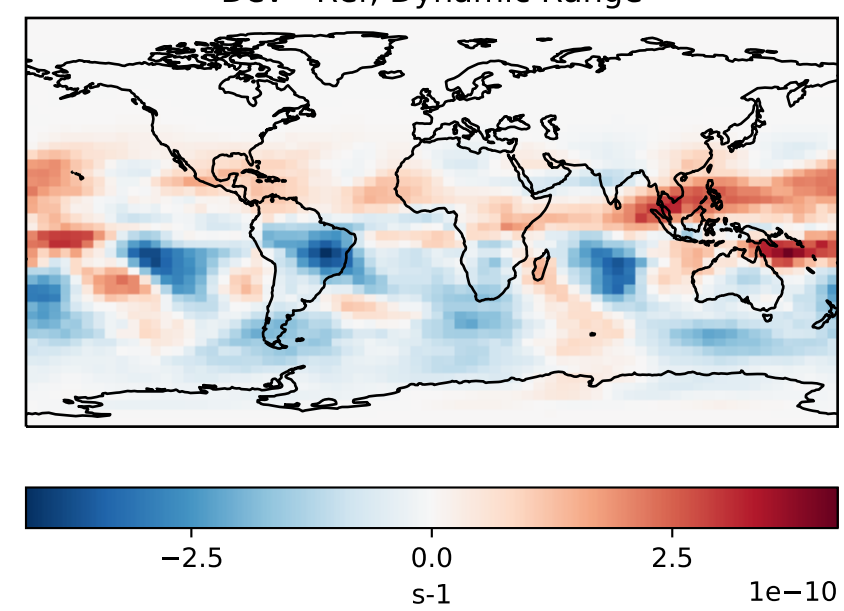
GCC_12.9.0 (Ref)
4.0x5.0



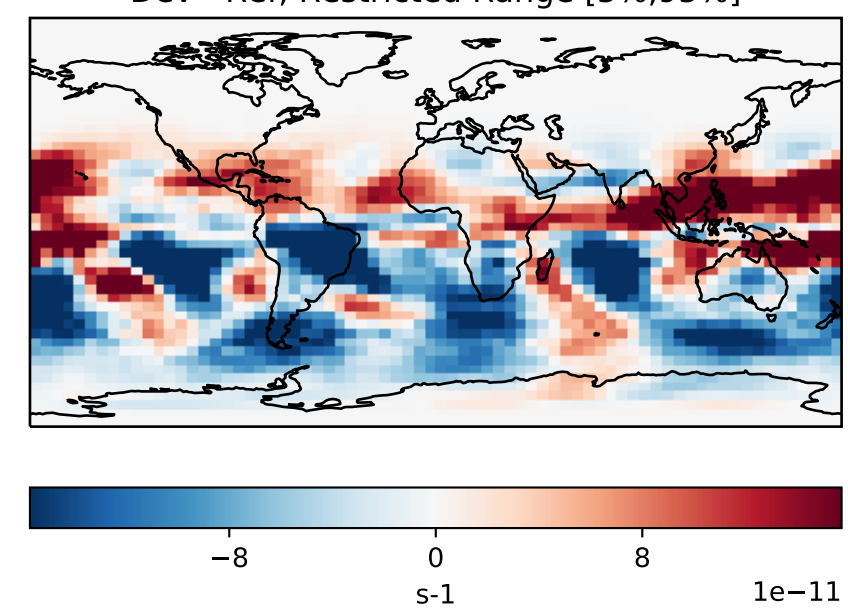
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



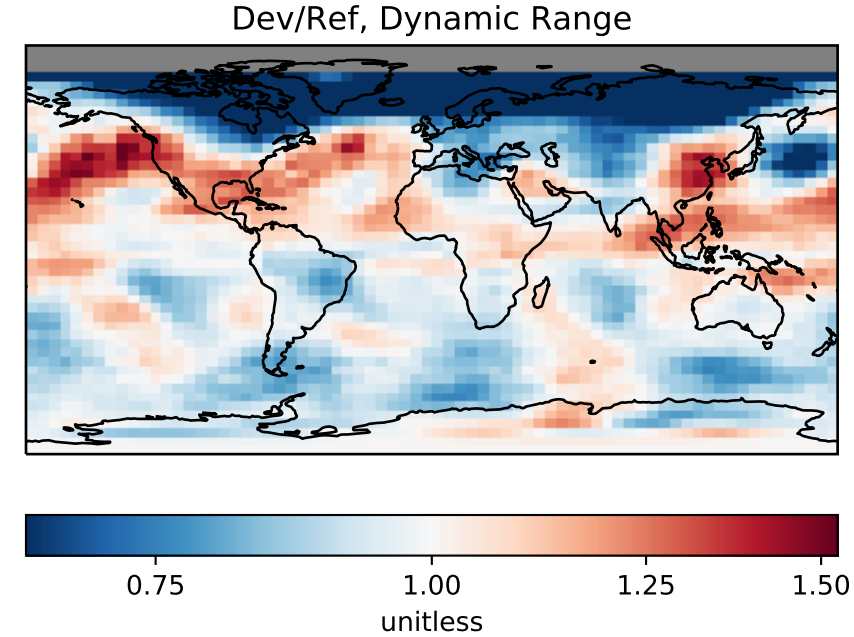
Difference
Dev - Ref, Dynamic Range



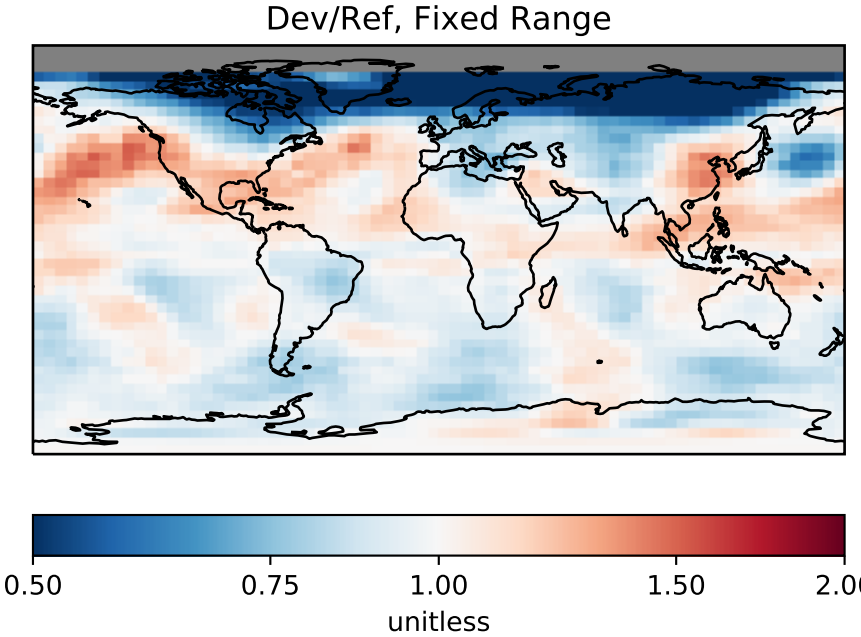
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

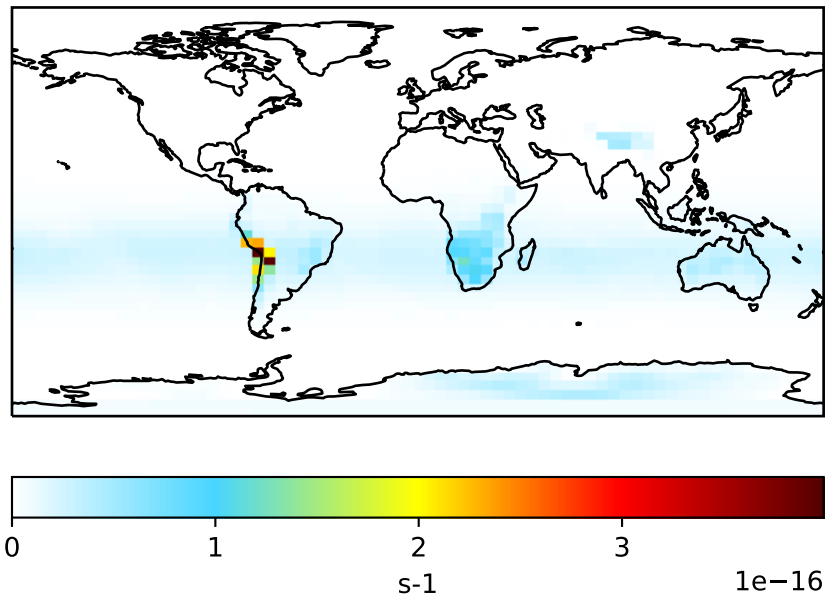


Ratio
Dev/Ref, Fixed Range

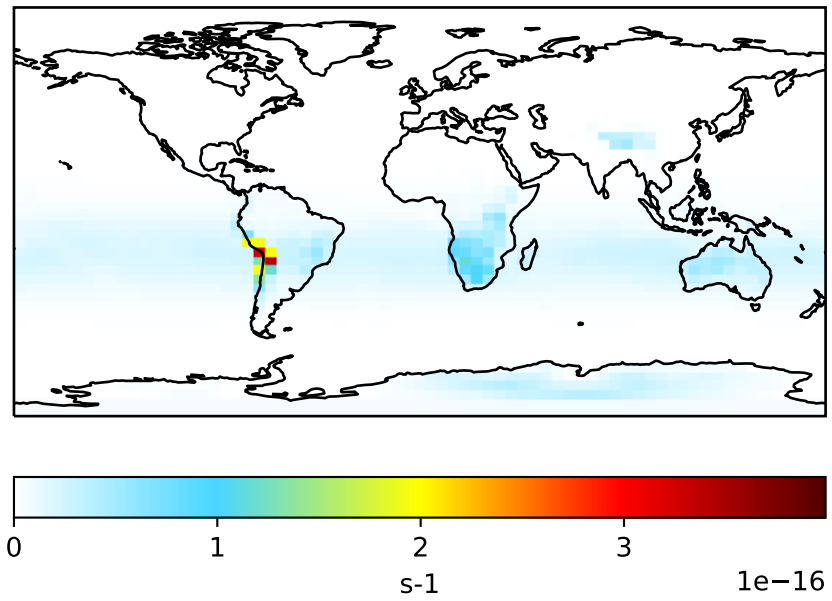


Jval_CH2Cl2 (Jan2019)

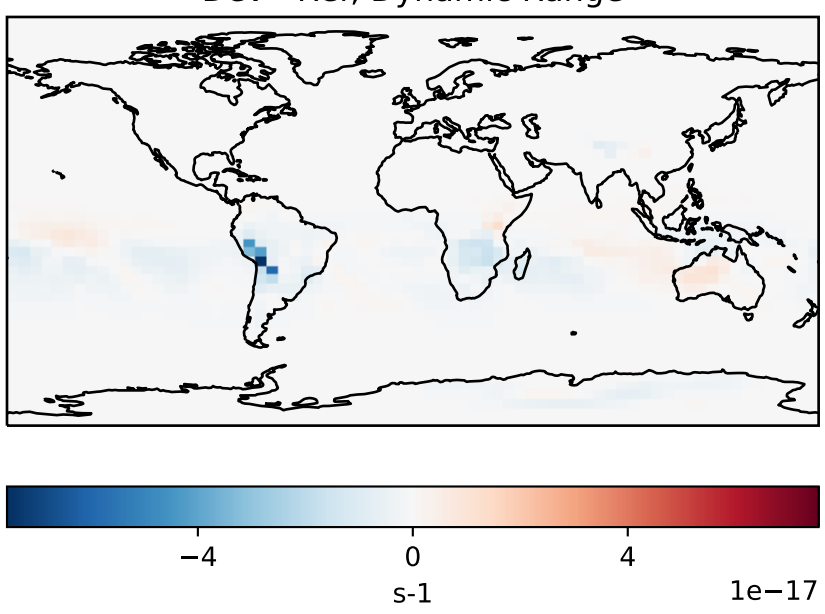
GCC_12.9.0 (Ref)
4.0x5.0



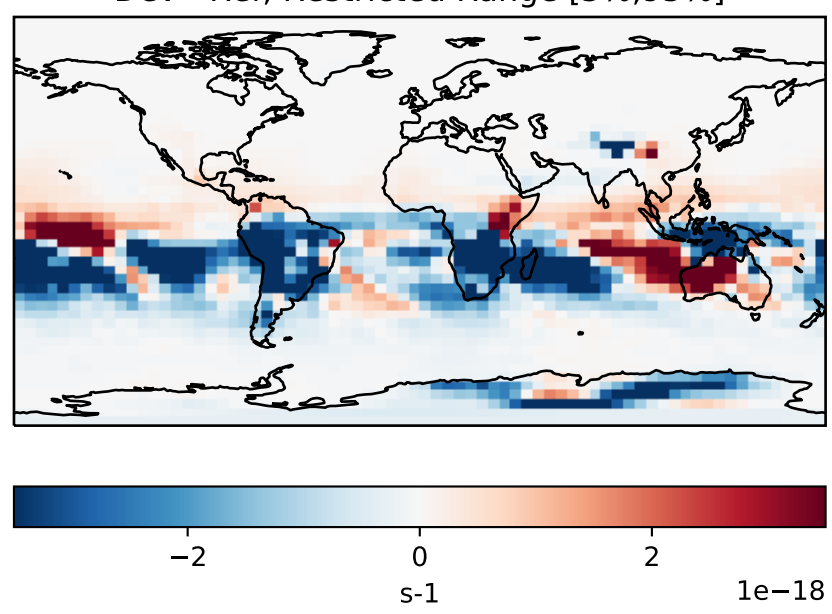
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



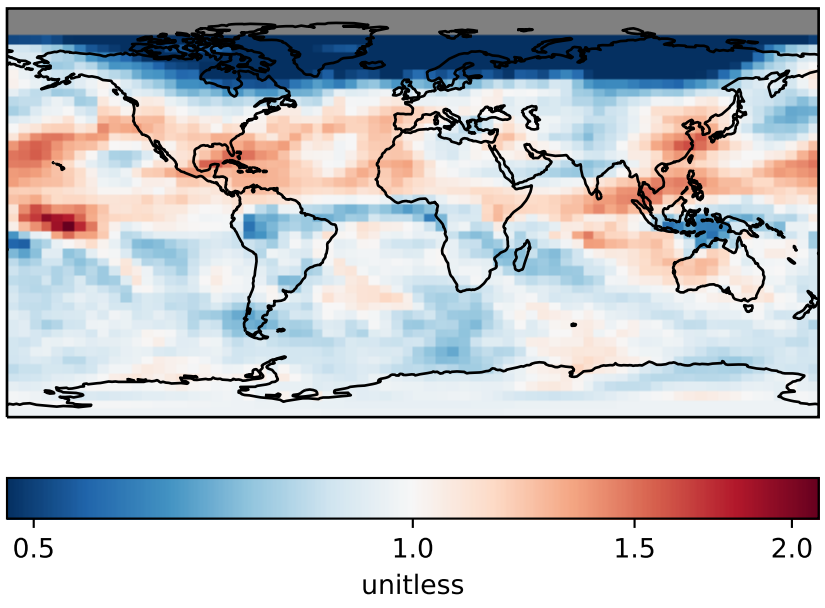
Difference
Dev - Ref, Dynamic Range



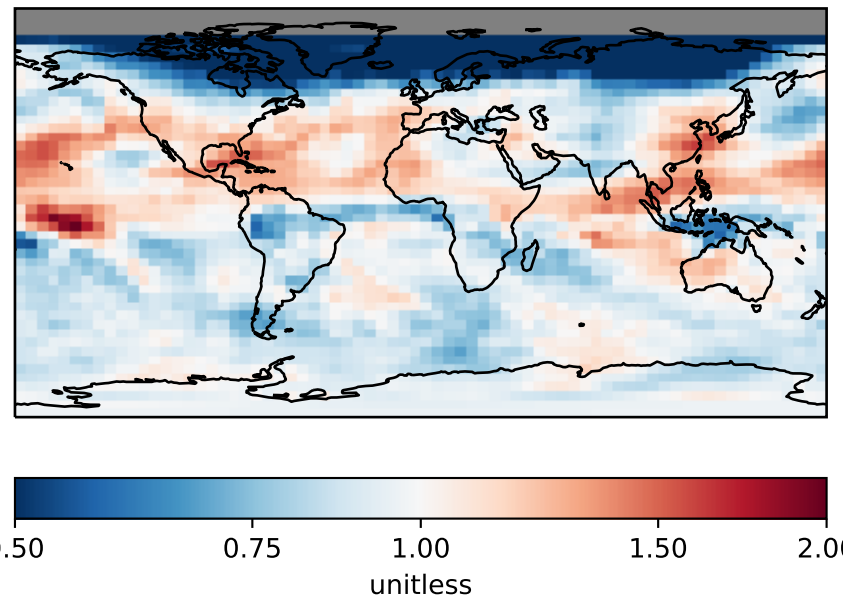
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

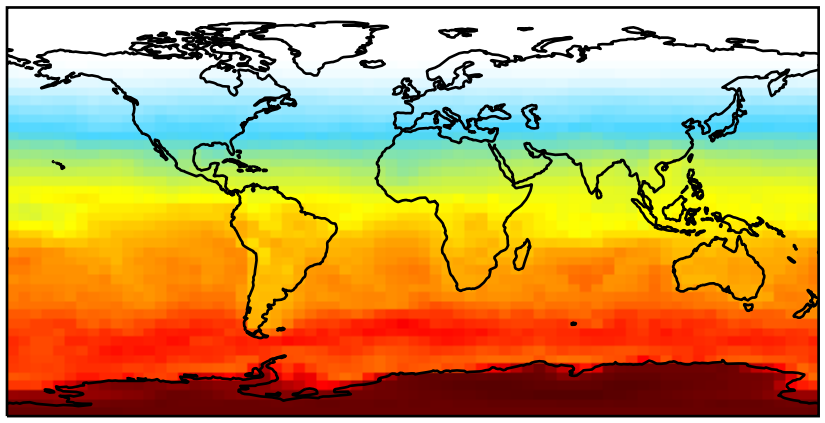


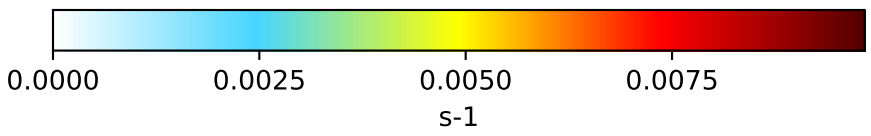
Ratio
Dev/Ref, Fixed Range



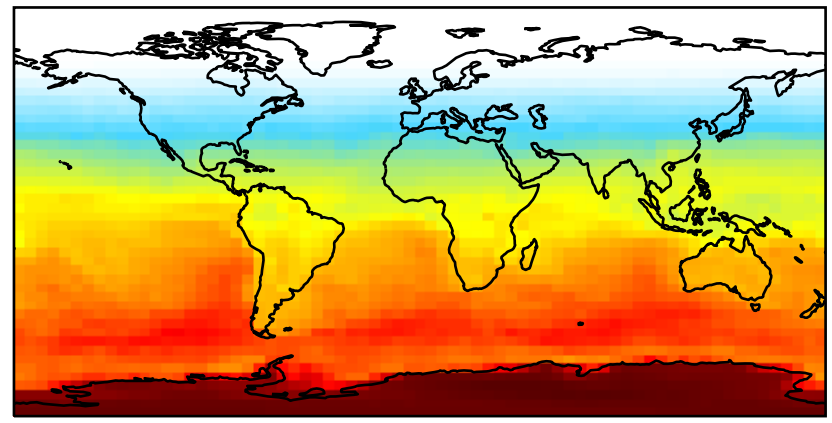
Jval_CH2I2 (Jan2019)

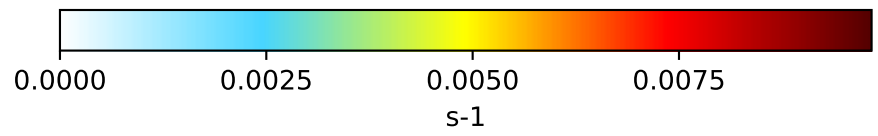
GCC_12.9.0 (Ref)
4.0x5.0



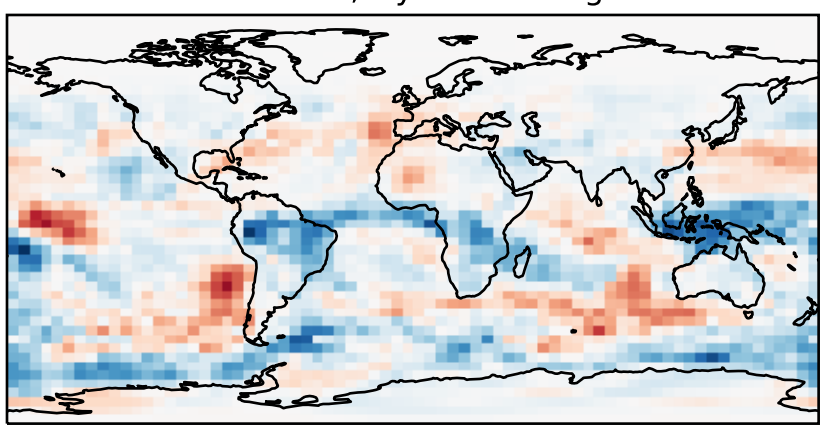


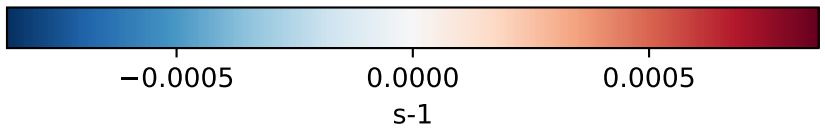
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



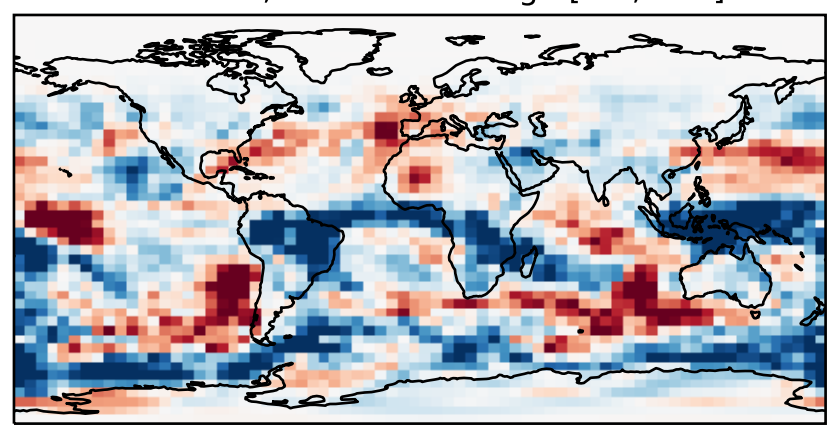


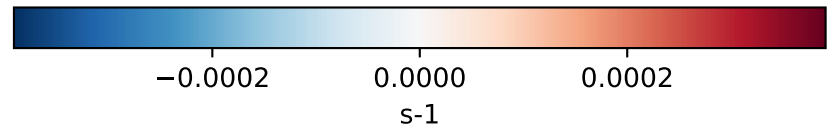
Difference
Dev - Ref, Dynamic Range



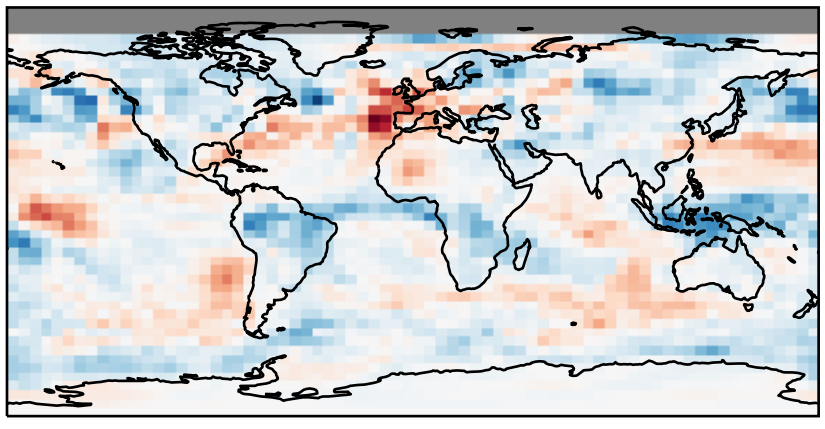


Difference
Dev - Ref, Restricted Range [5%,95%]



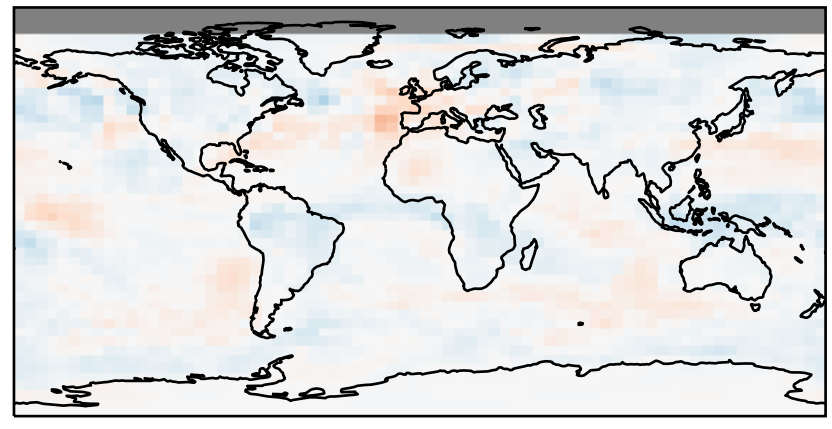


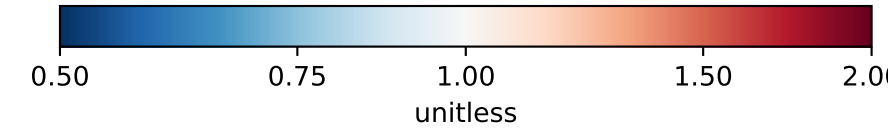
Ratio
Dev/Ref, Dynamic Range





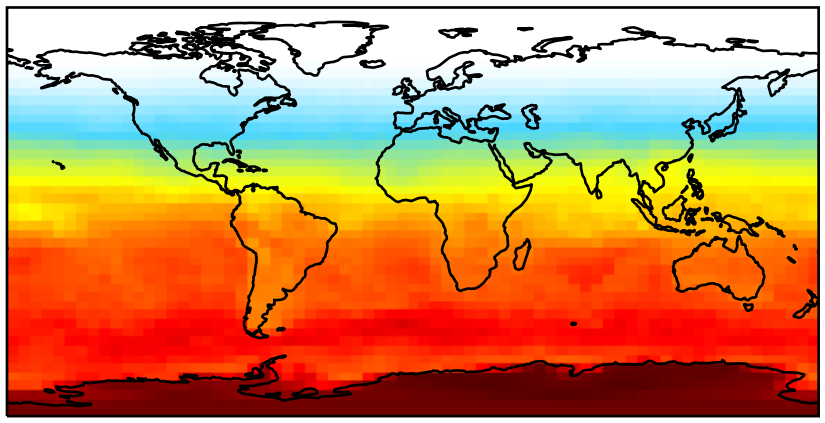
Ratio
Dev/Ref, Fixed Range

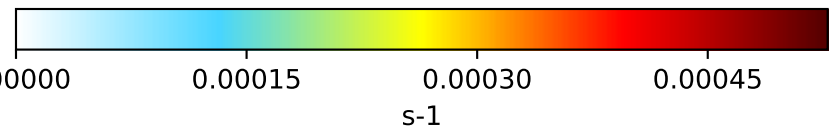




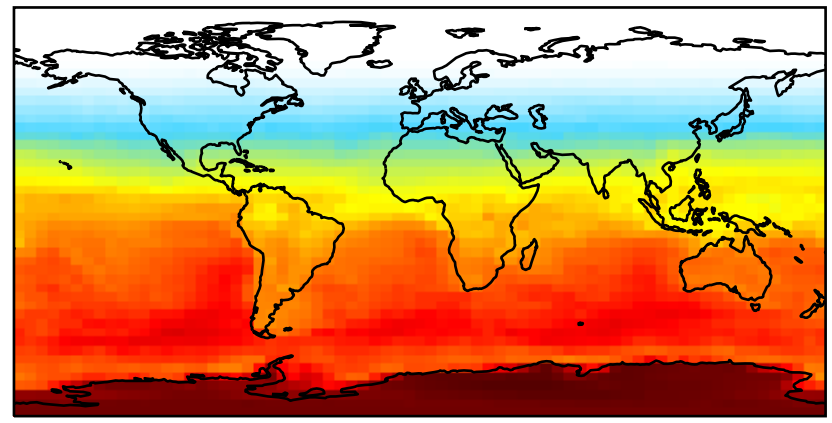
Jval_CH2IBr (Jan2019)

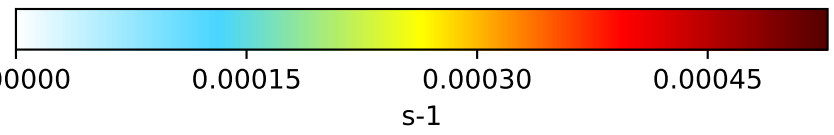
GCC_12.9.0 (Ref)
4.0x5.0



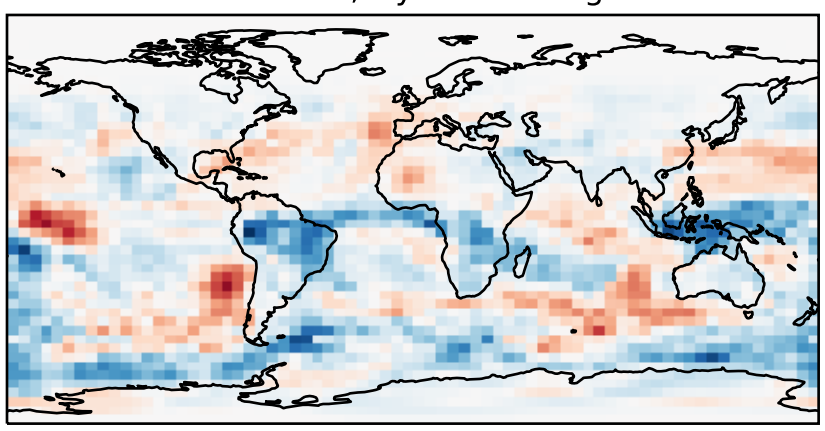


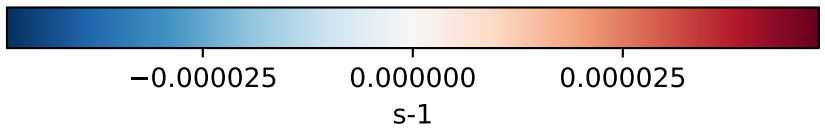
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



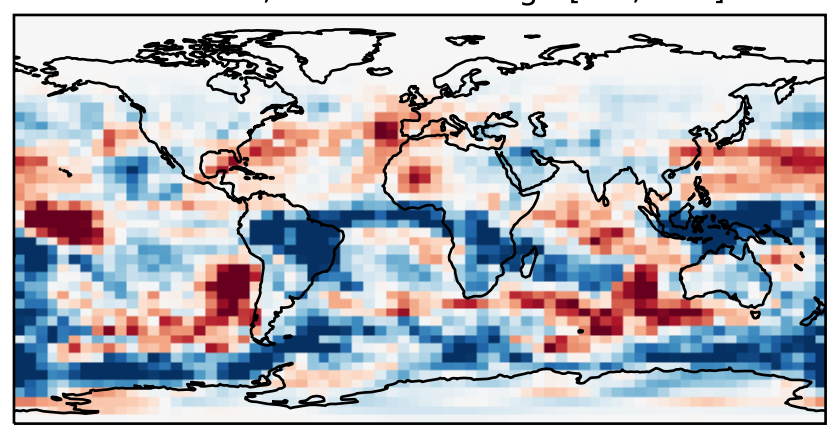


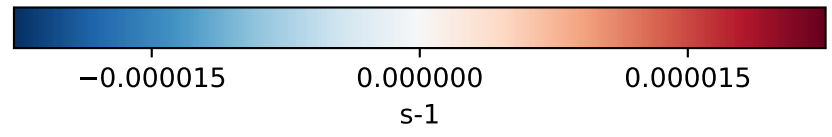
Difference
Dev - Ref, Dynamic Range



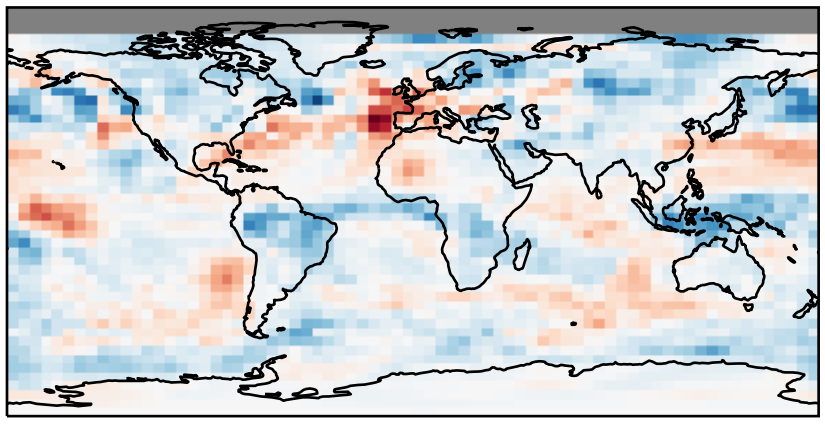


Difference
Dev - Ref, Restricted Range [5%,95%]



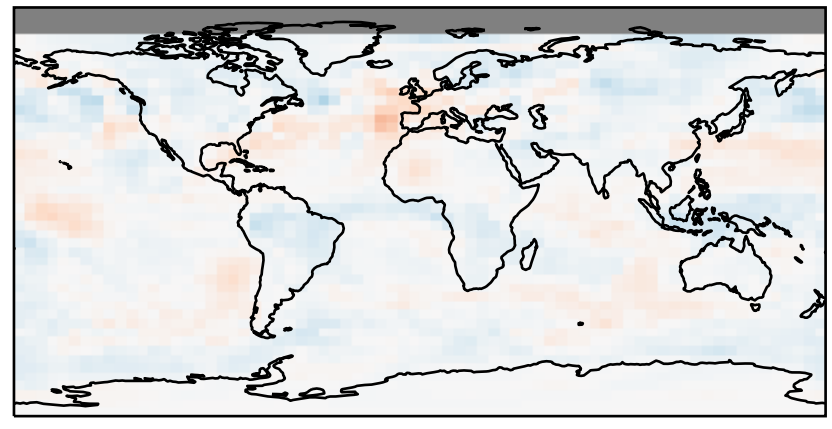


Ratio
Dev/Ref, Dynamic Range





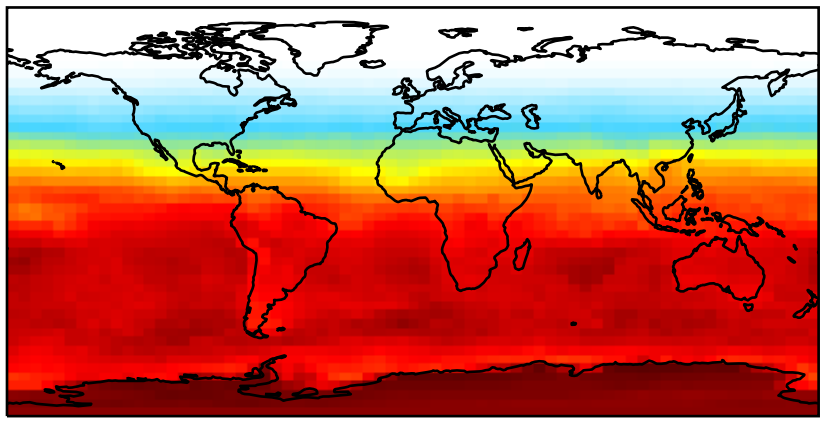
Ratio
Dev/Ref, Fixed Range

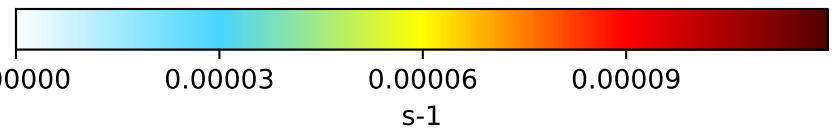




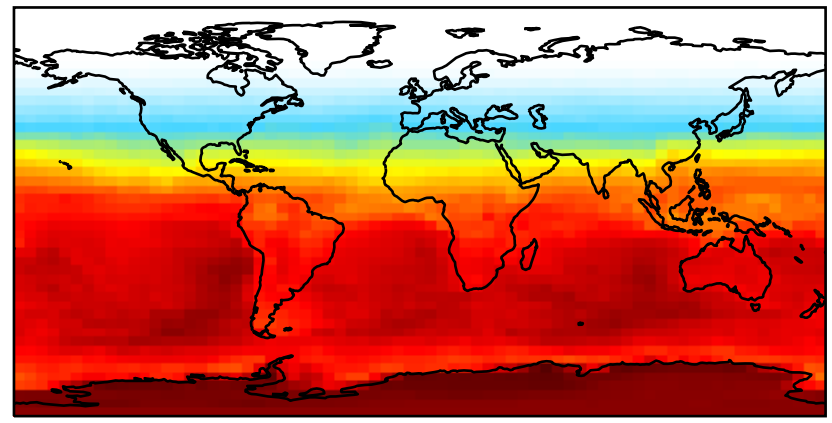
Jval_CH2ICl (Jan2019)

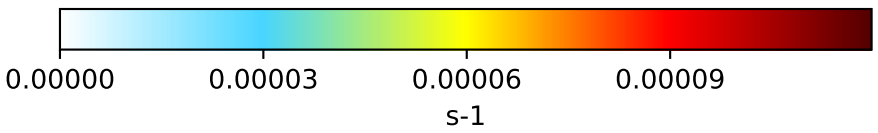
GCC_12.9.0 (Ref)
4.0x5.0



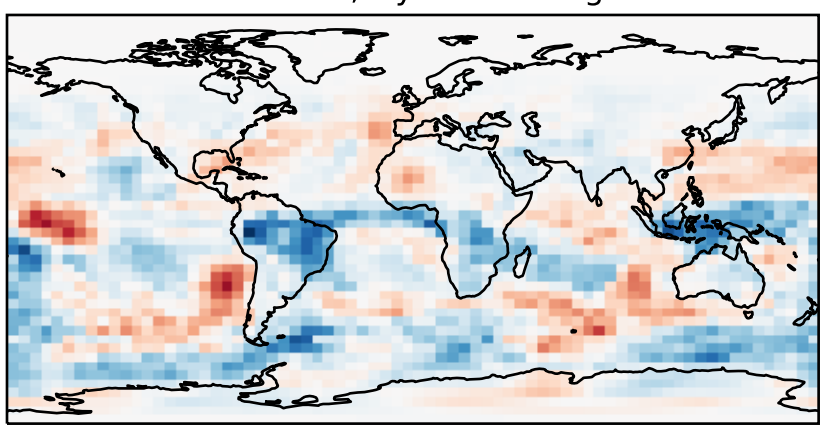


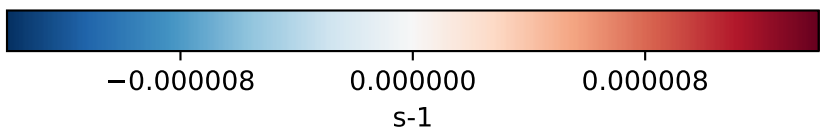
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



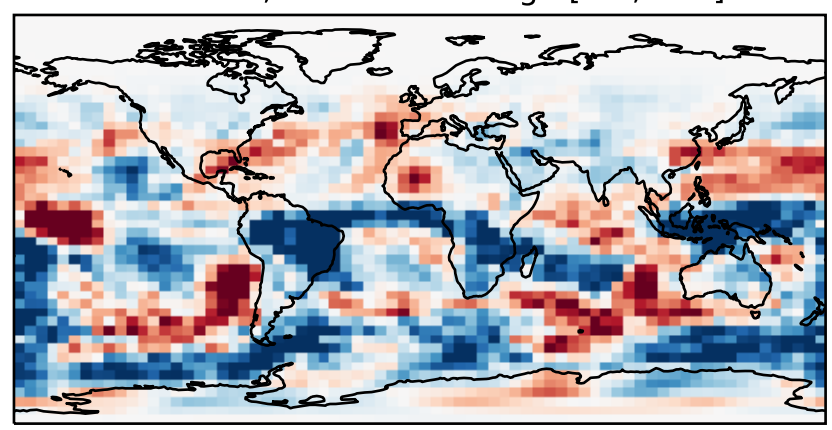


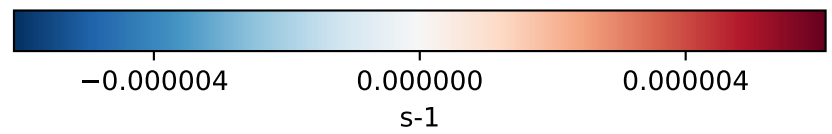
Difference
Dev - Ref, Dynamic Range



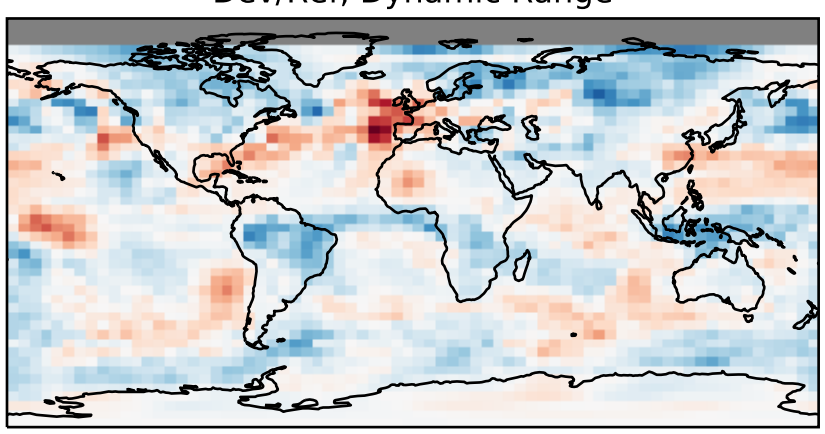


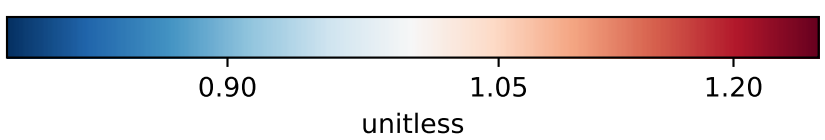
Difference
Dev - Ref, Restricted Range [5%,95%]



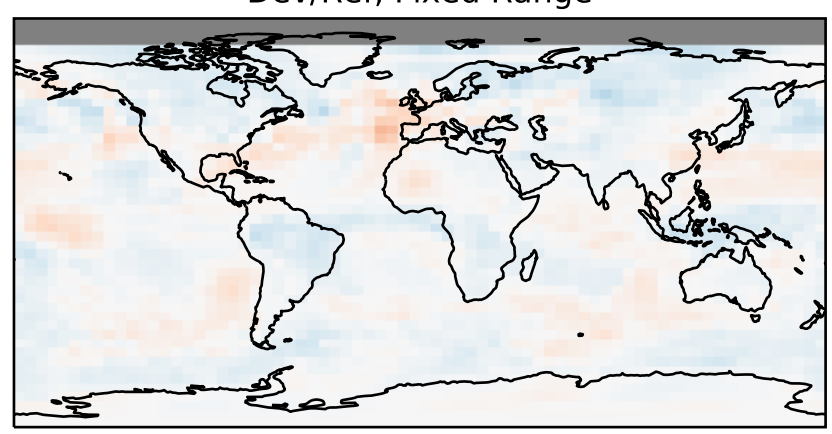


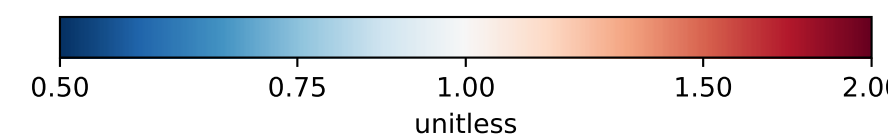
Ratio
Dev/Ref, Dynamic Range





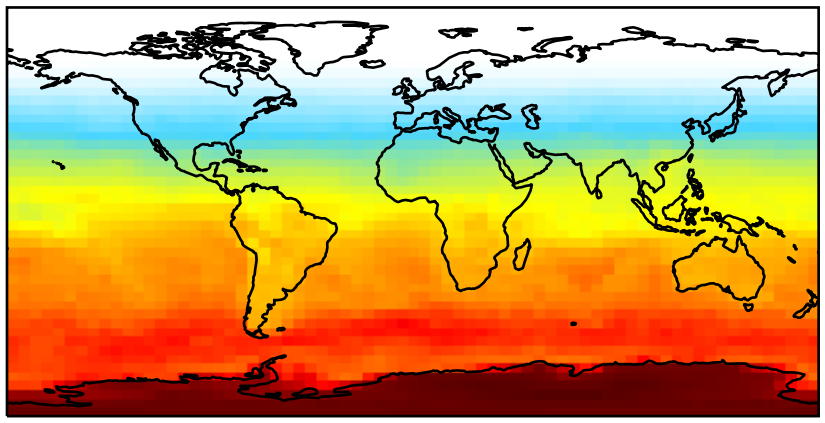
Ratio
Dev/Ref, Fixed Range

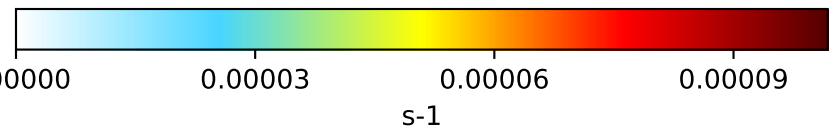




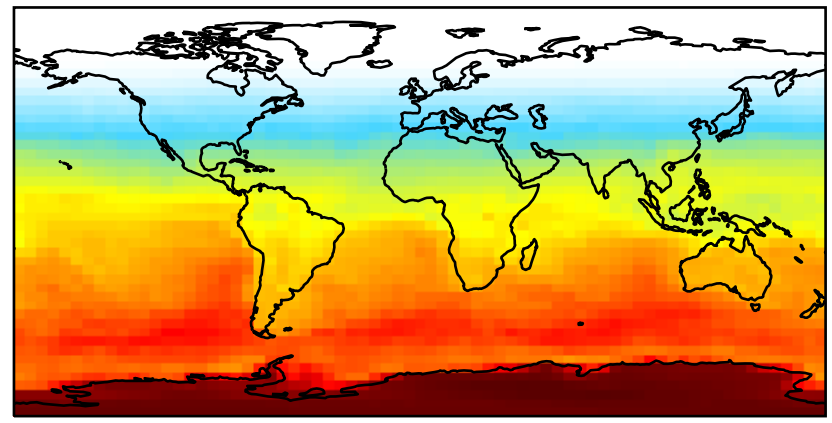
Jval_CH2O (Jan2019)

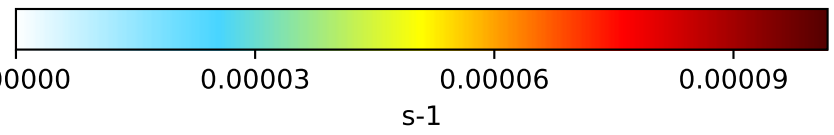
GCC_12.9.0 (Ref)
4.0x5.0



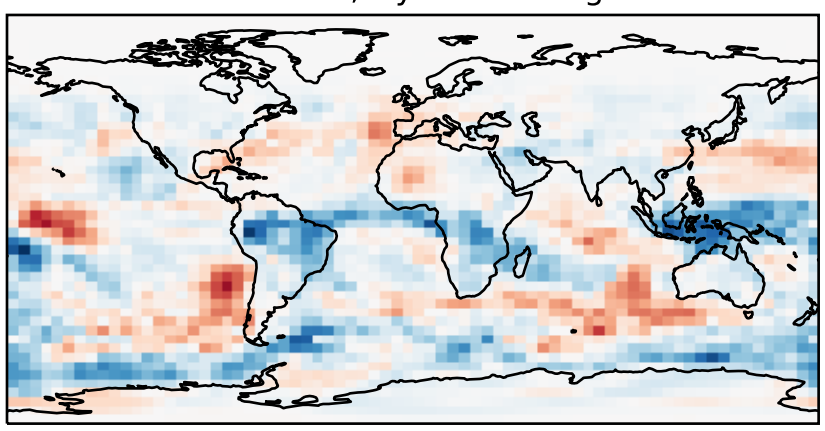


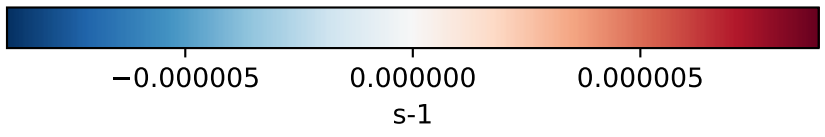
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



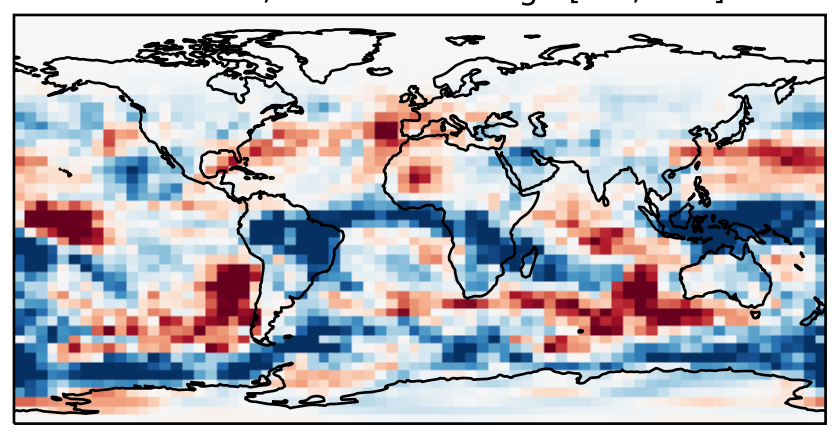


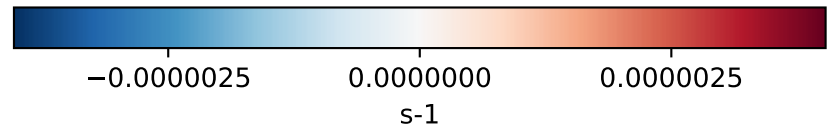
Difference
Dev - Ref, Dynamic Range



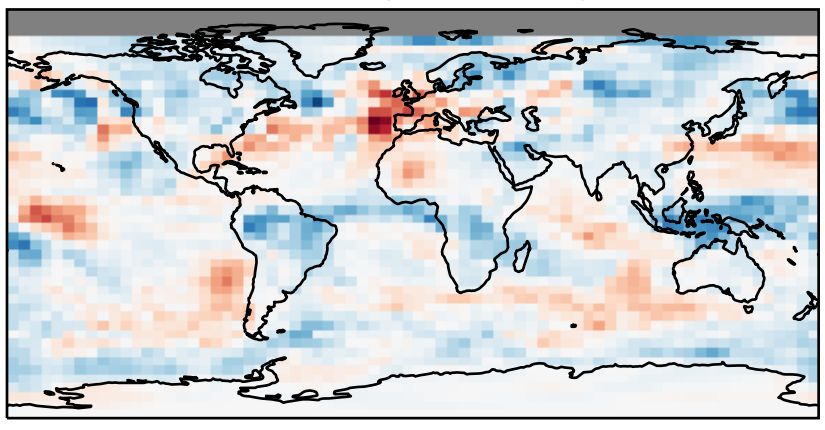


Difference
Dev - Ref, Restricted Range [5%,95%]



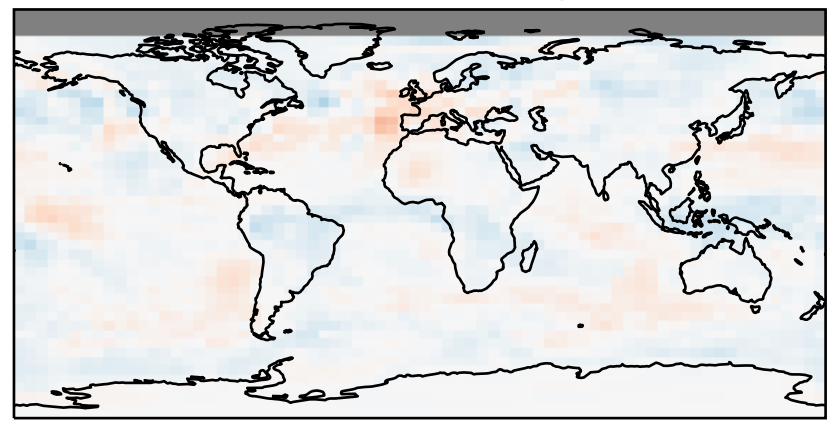


Ratio
Dev/Ref, Dynamic Range





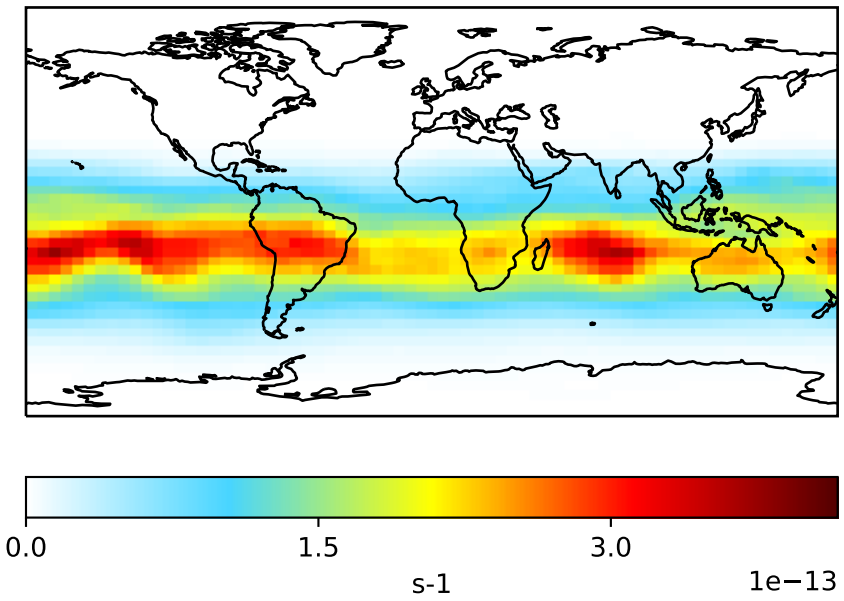
Ratio
Dev/Ref, Fixed Range



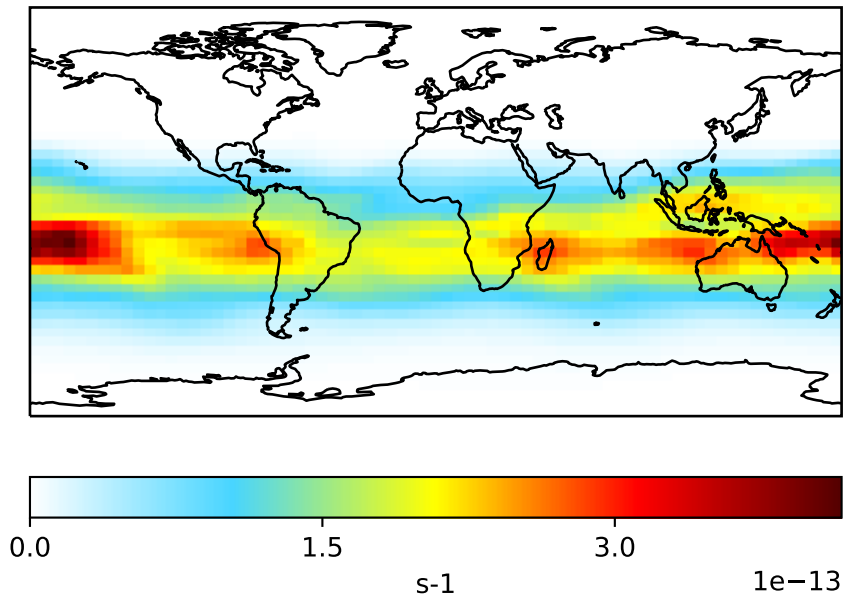


Jval_CH3Br (Jan2019)

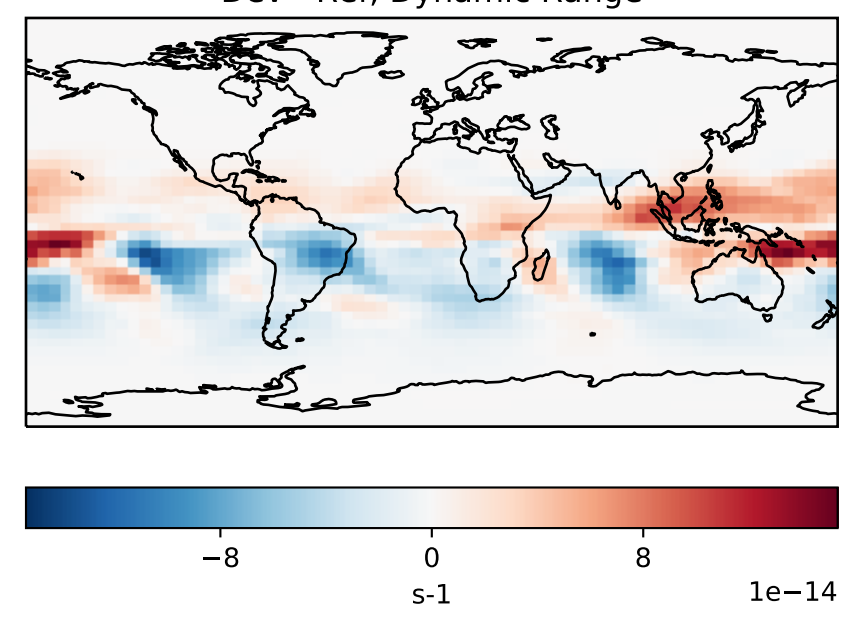
GCC_12.9.0 (Ref)
4.0x5.0



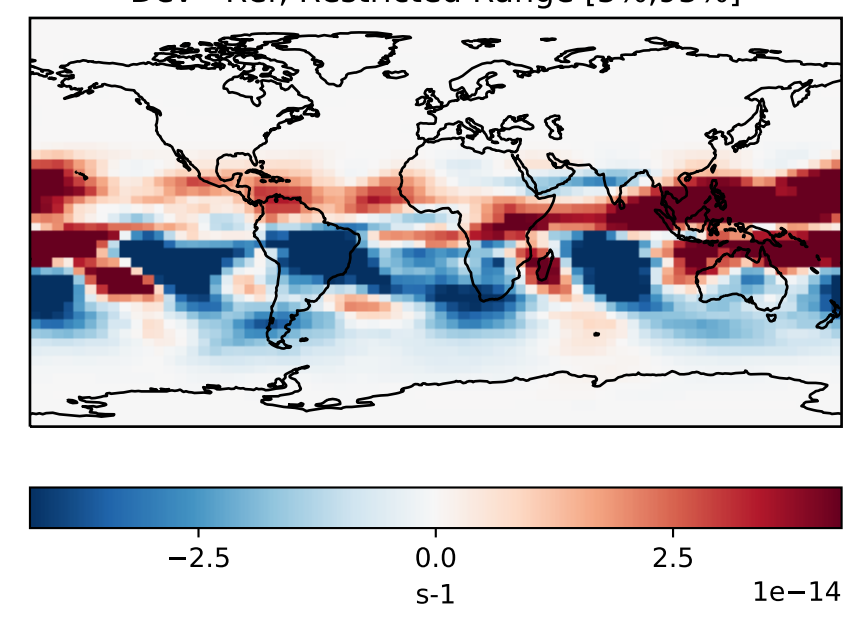
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



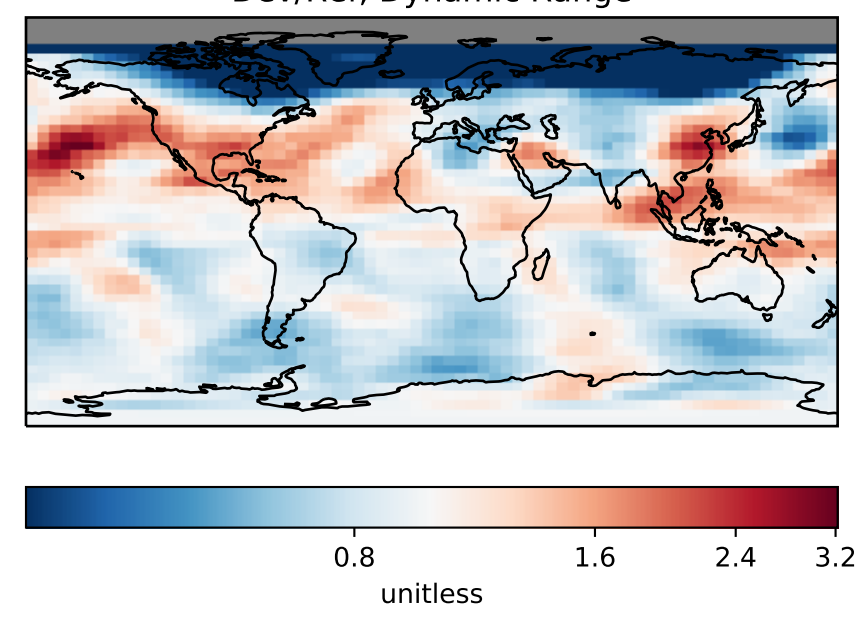
Difference
Dev - Ref, Dynamic Range



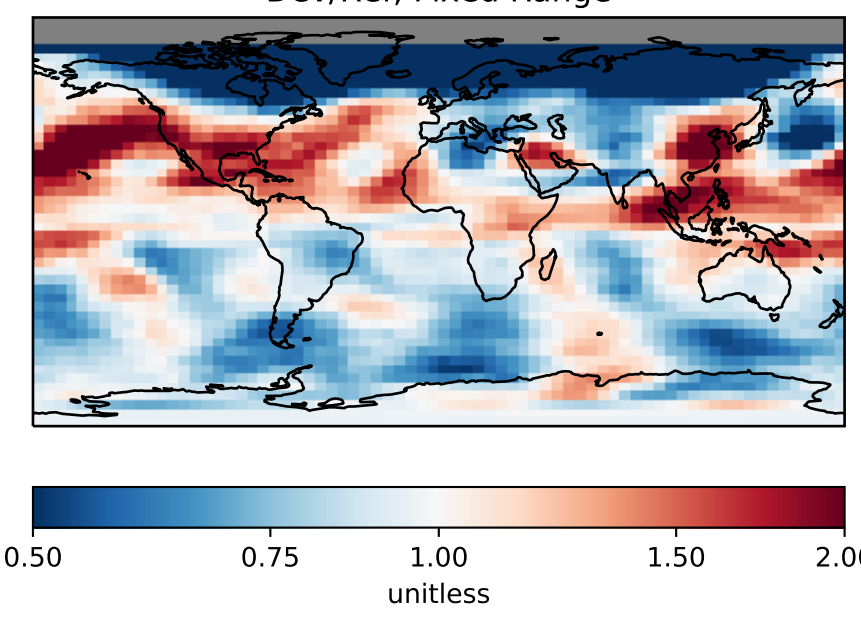
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

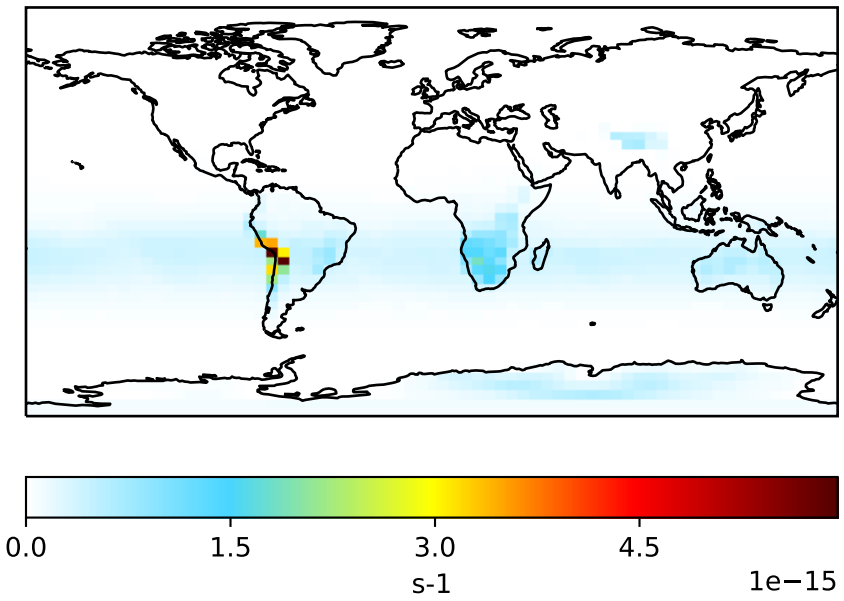


Ratio
Dev/Ref, Fixed Range

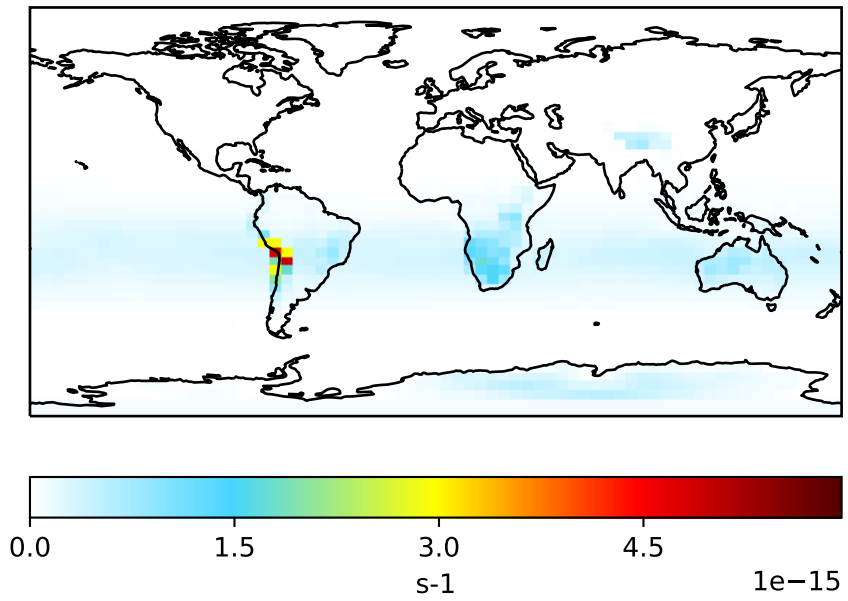


Jval_CH3CCl3 (Jan2019)

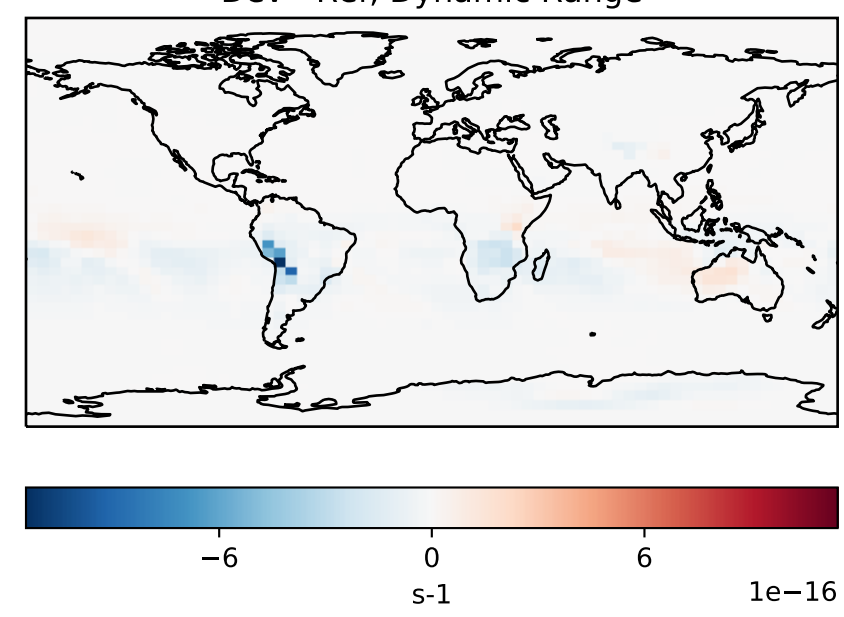
GCC_12.9.0 (Ref)
4.0x5.0



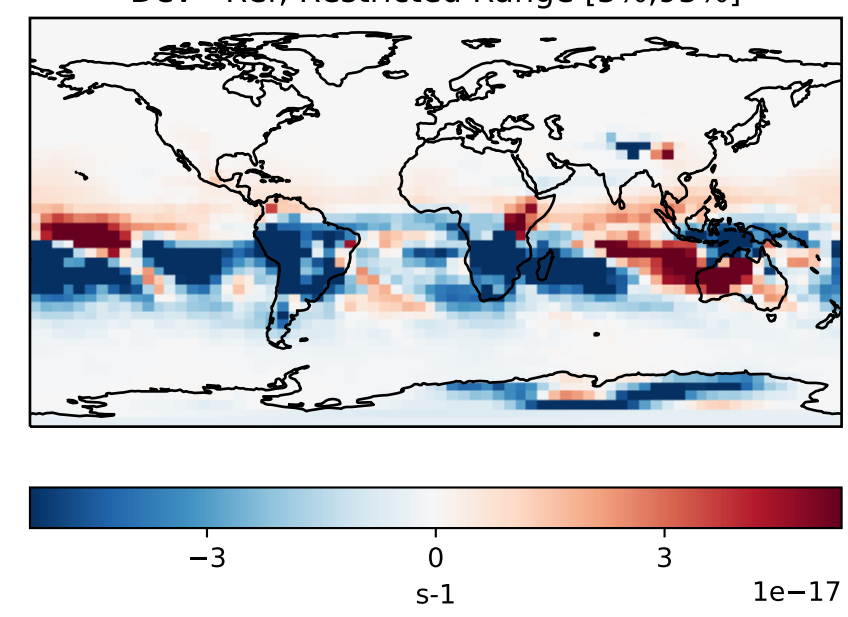
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



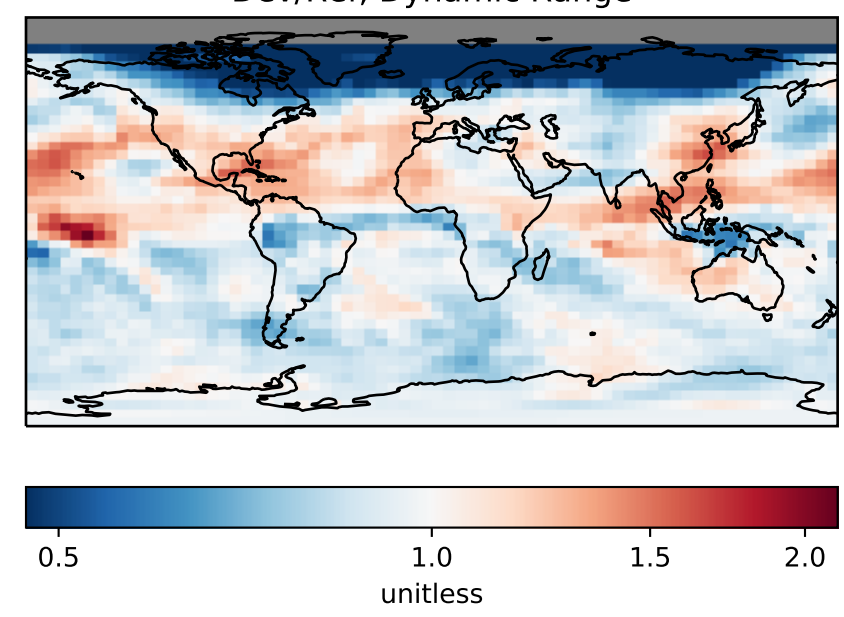
Difference
Dev - Ref, Dynamic Range



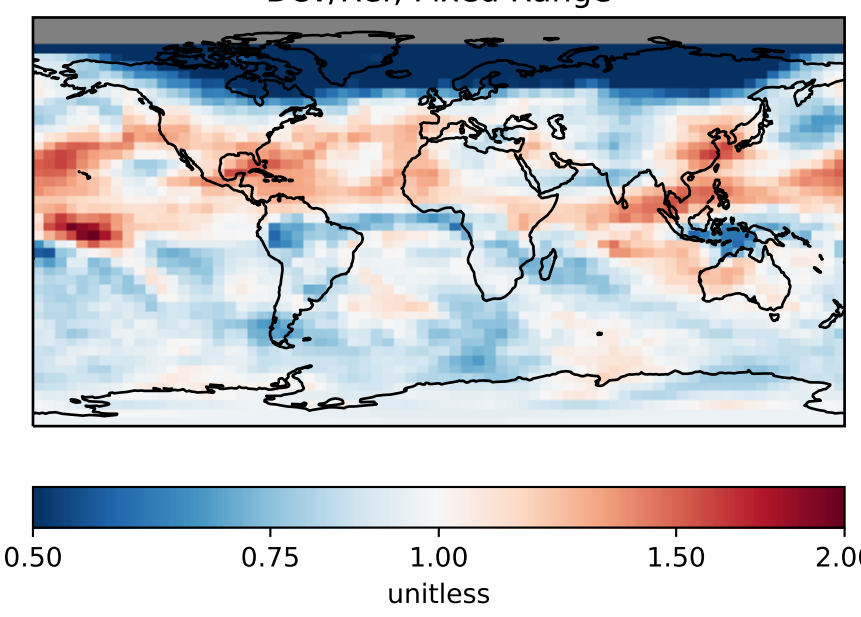
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

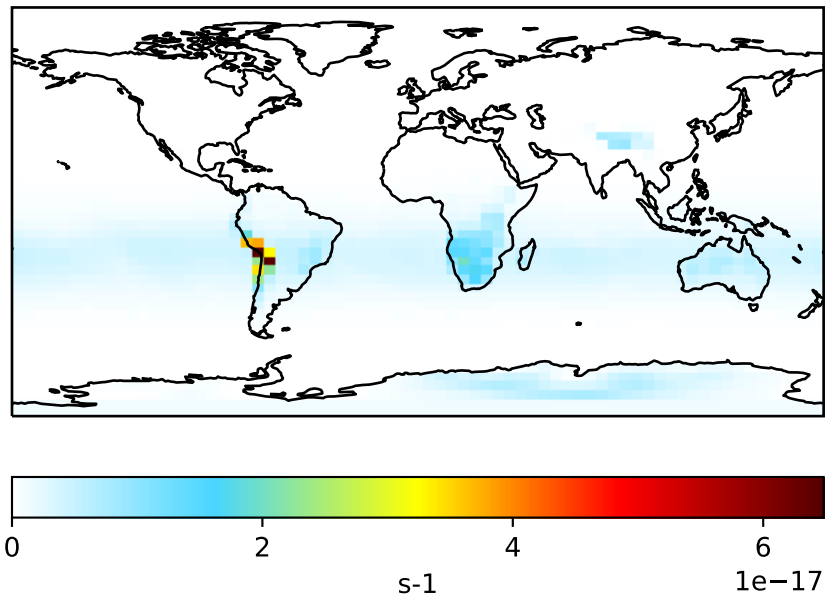


Ratio
Dev/Ref, Fixed Range

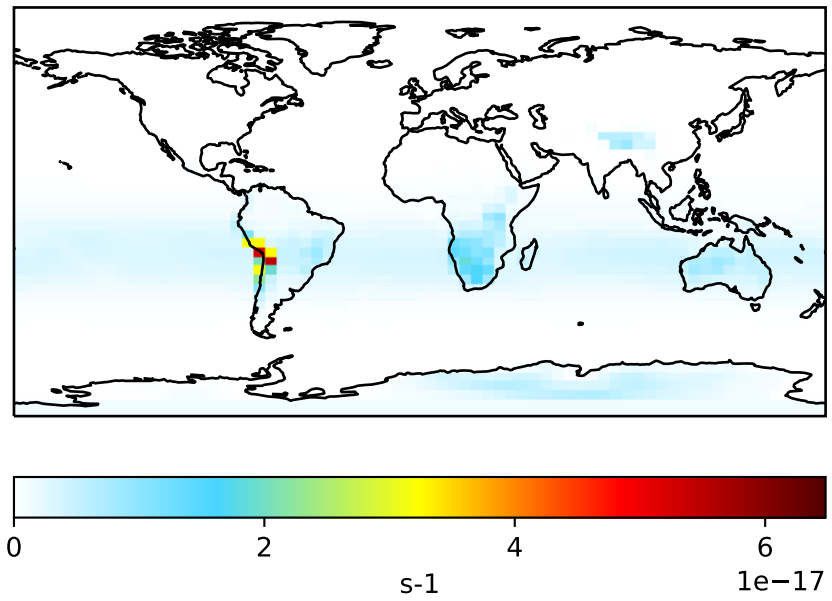


Jval_CH3Cl (Jan2019)

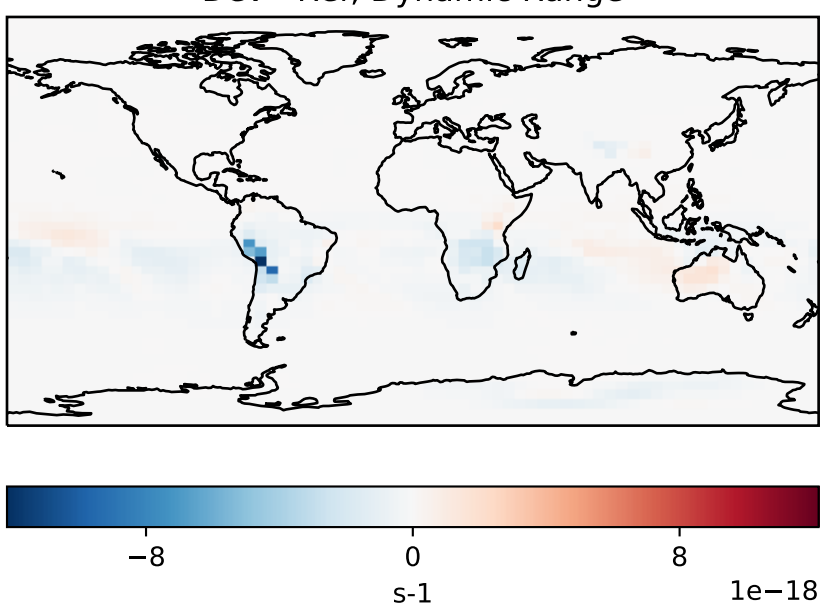
GCC_12.9.0 (Ref)
4.0x5.0



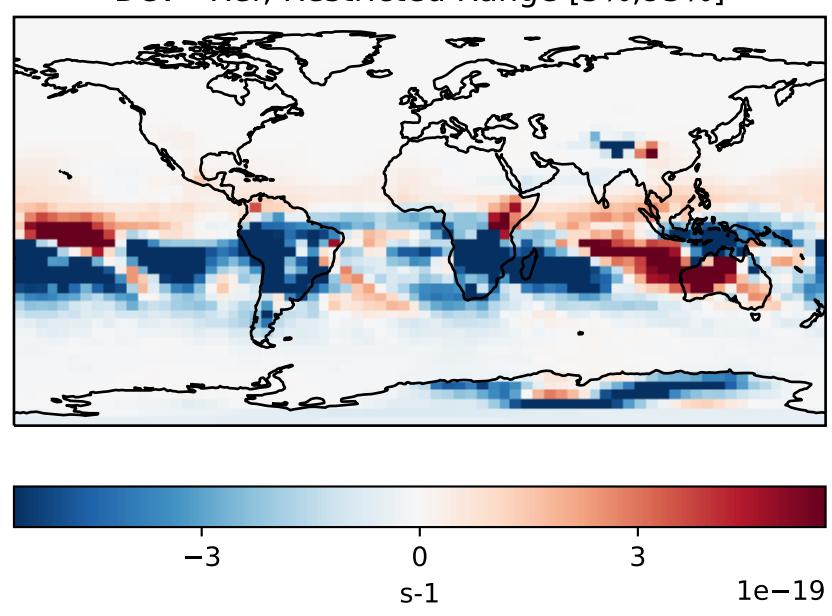
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



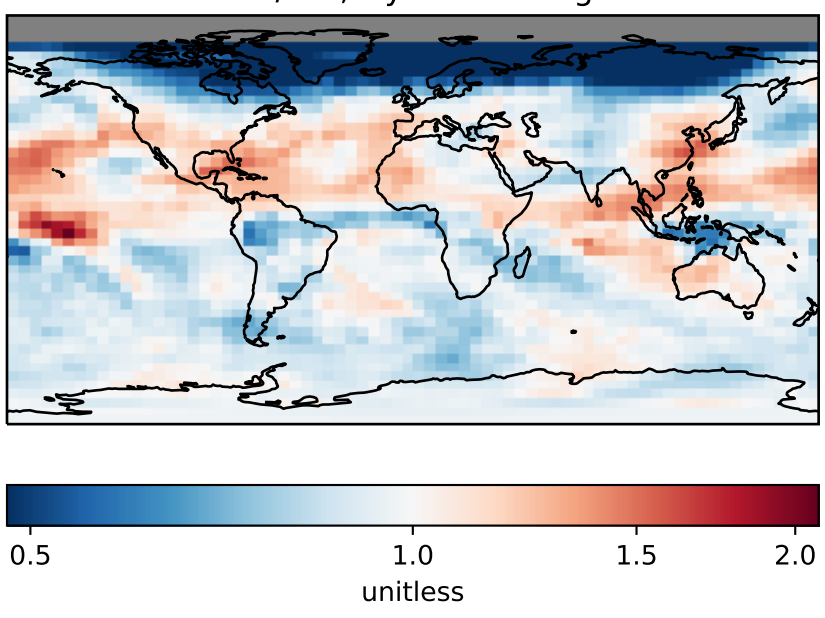
Difference
Dev - Ref, Dynamic Range



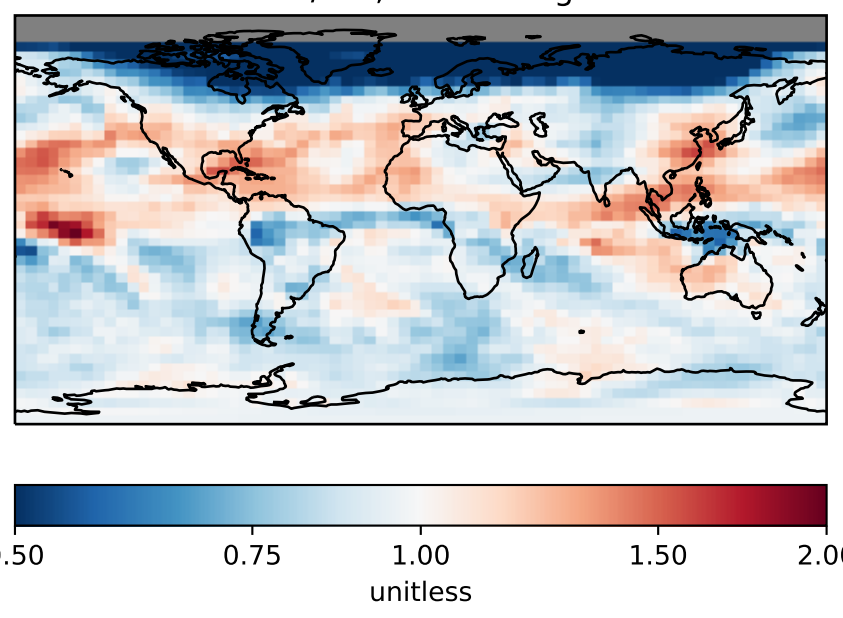
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

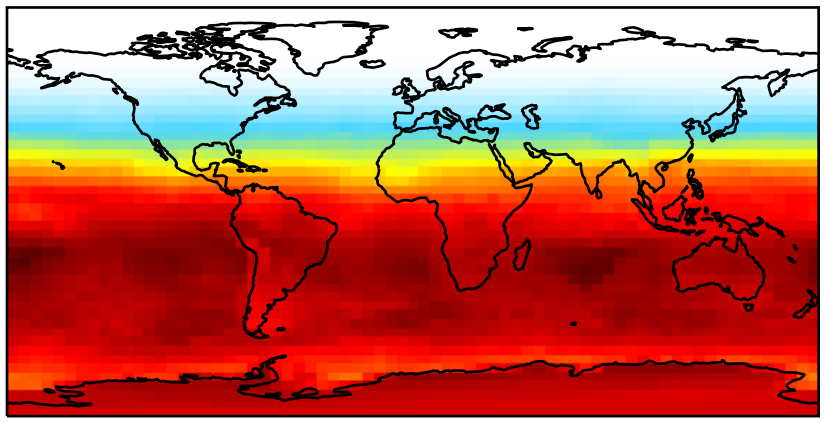


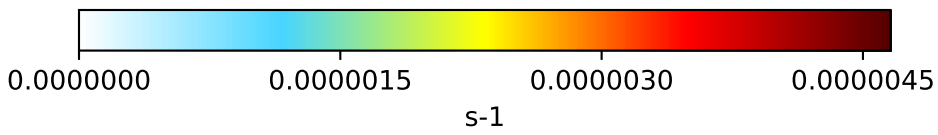
Ratio
Dev/Ref, Fixed Range



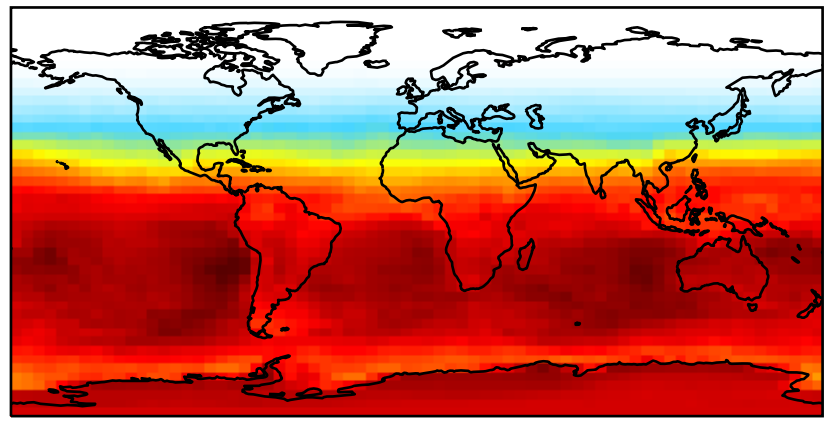
Jval_CH3I (Jan2019)

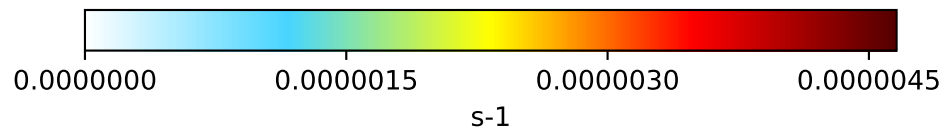
GCC_12.9.0 (Ref)
4.0x5.0



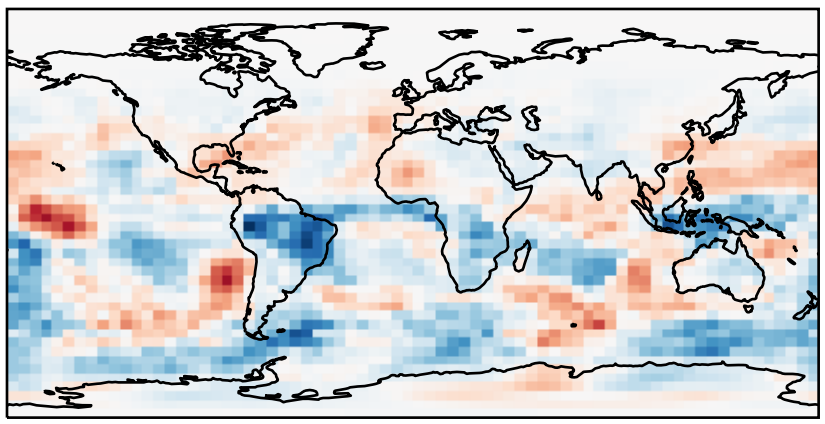


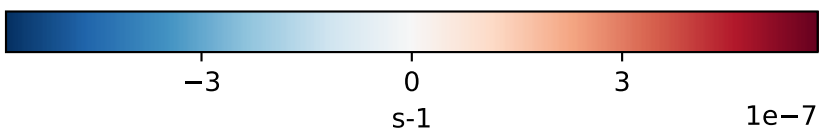
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



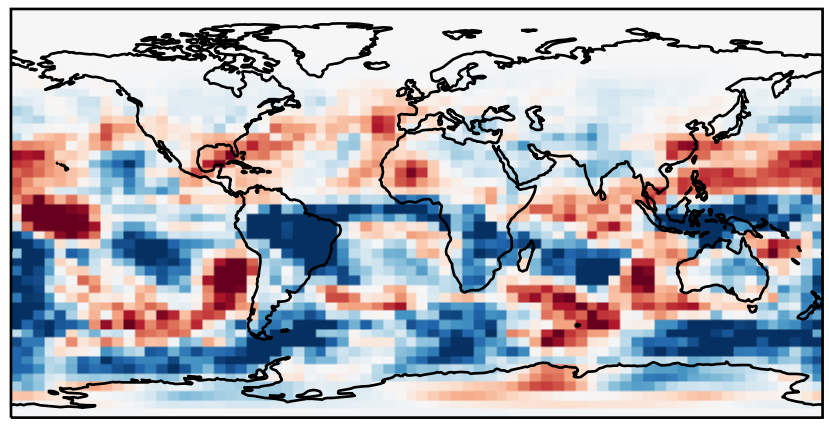


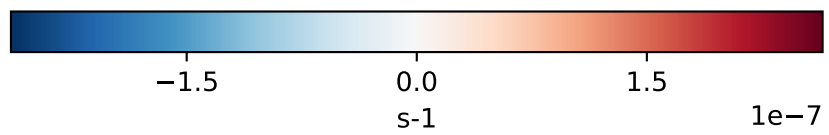
Difference
Dev - Ref, Dynamic Range



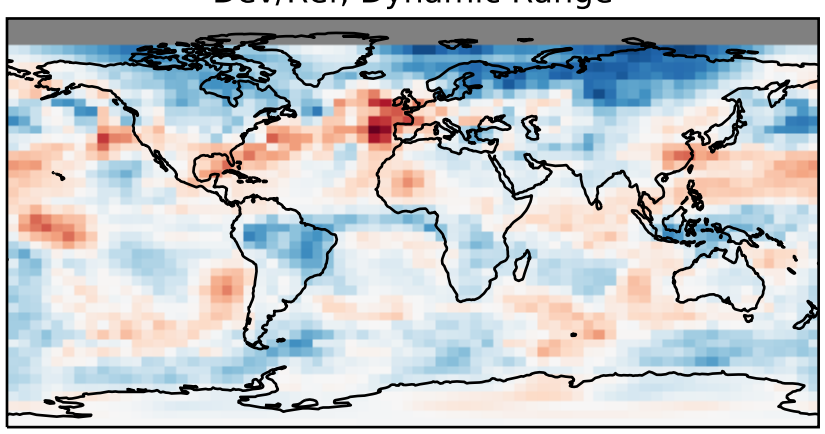


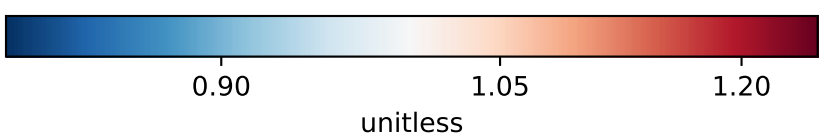
Difference
Dev - Ref, Restricted Range [5%,95%]



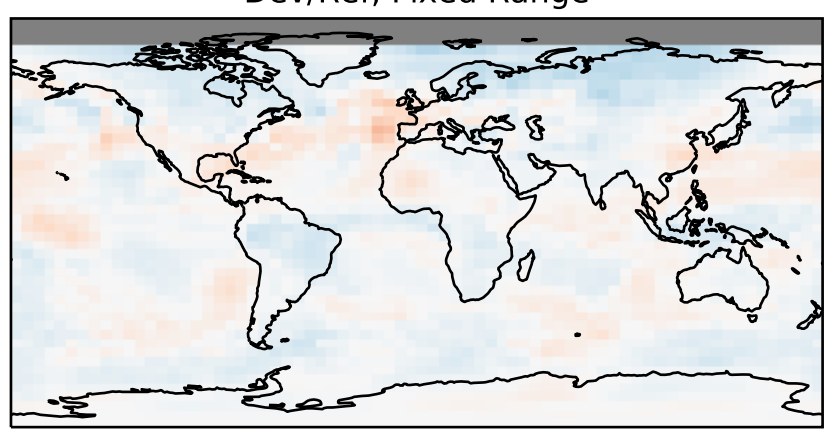


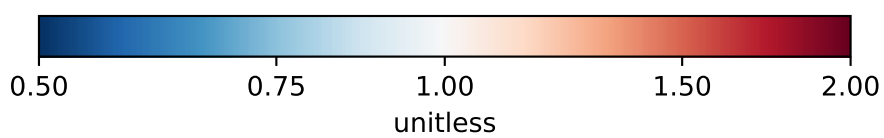
Ratio
Dev/Ref, Dynamic Range





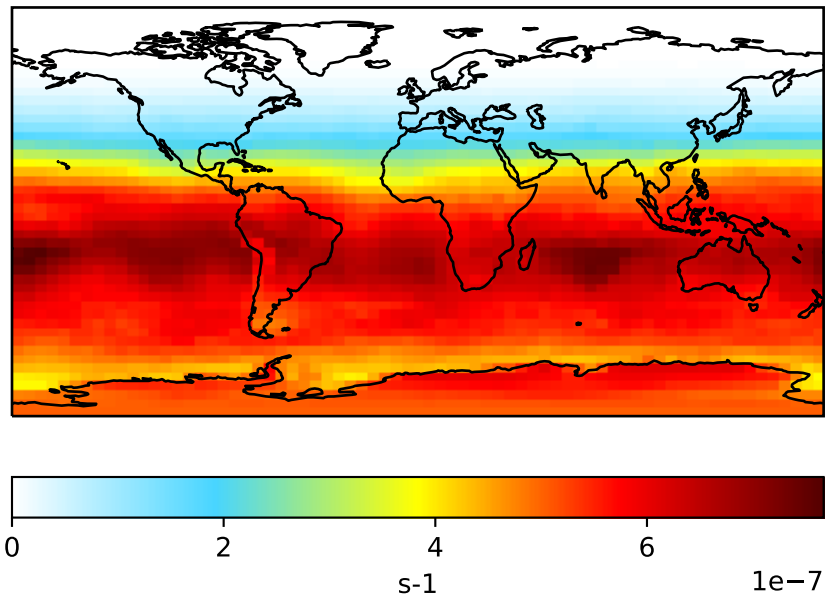
Ratio
Dev/Ref, Fixed Range



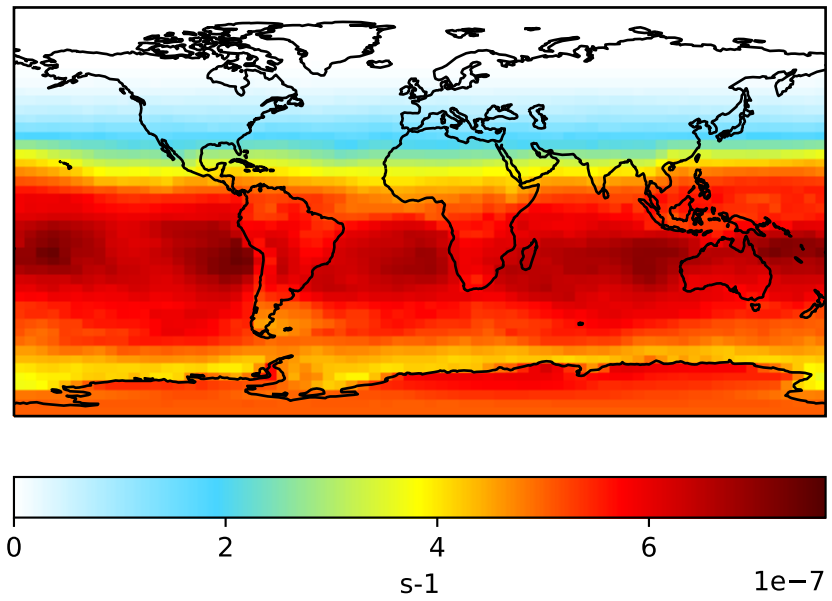


Jval_CHBr3 (Jan2019)

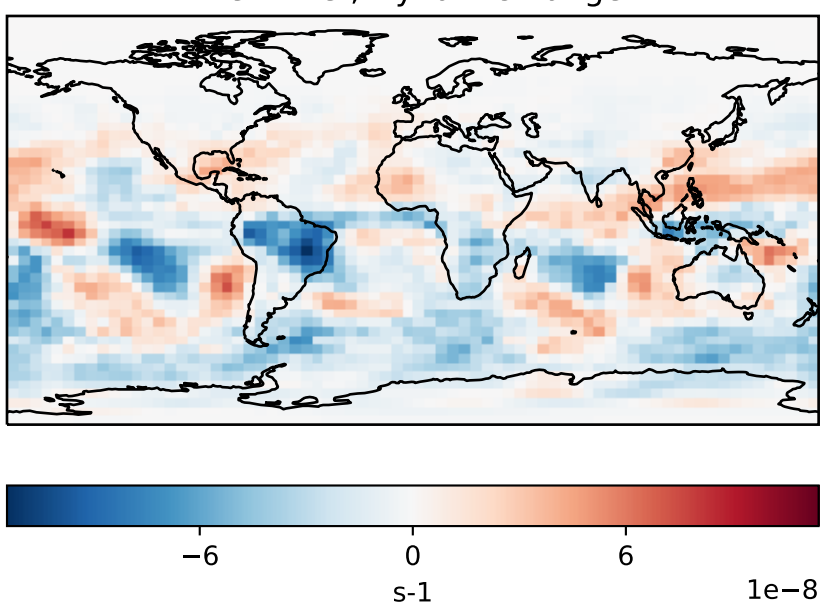
GCC_12.9.0 (Ref)
4.0x5.0



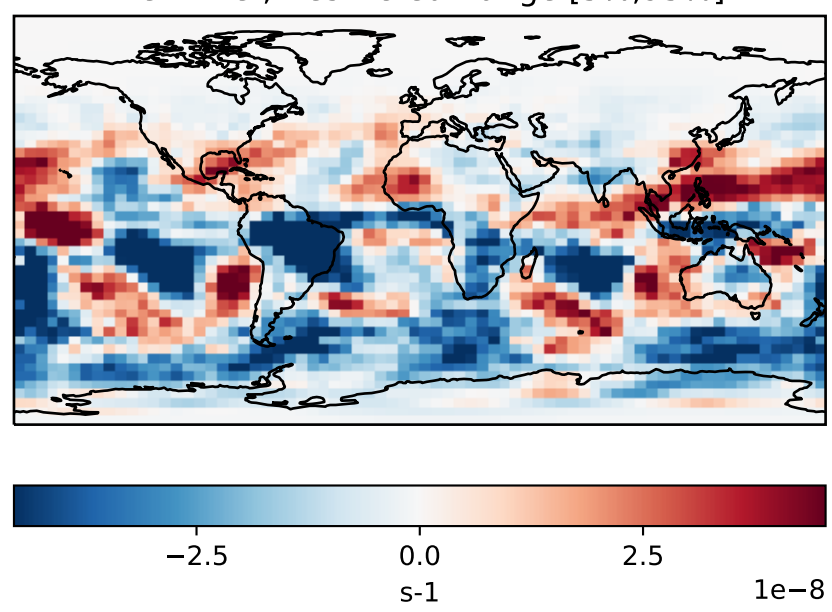
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



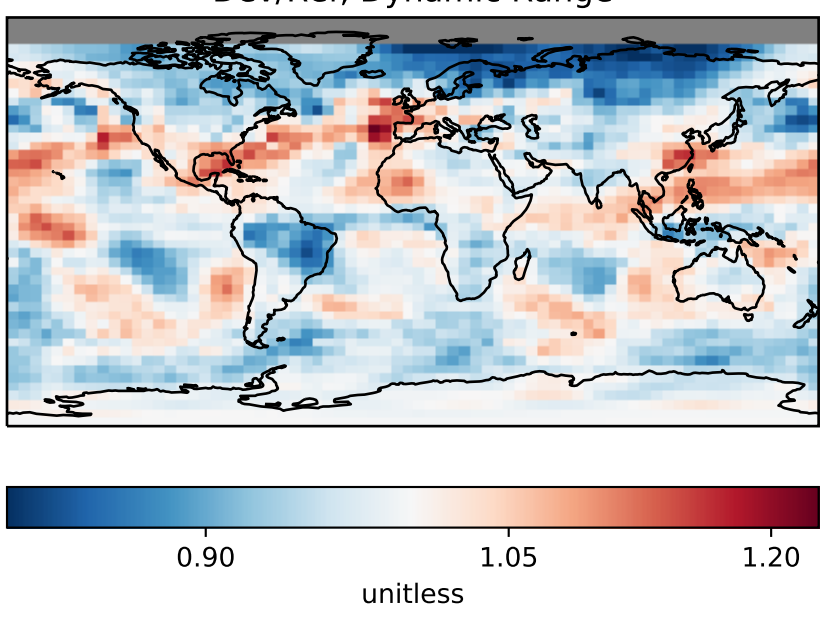
Difference
Dev - Ref, Dynamic Range



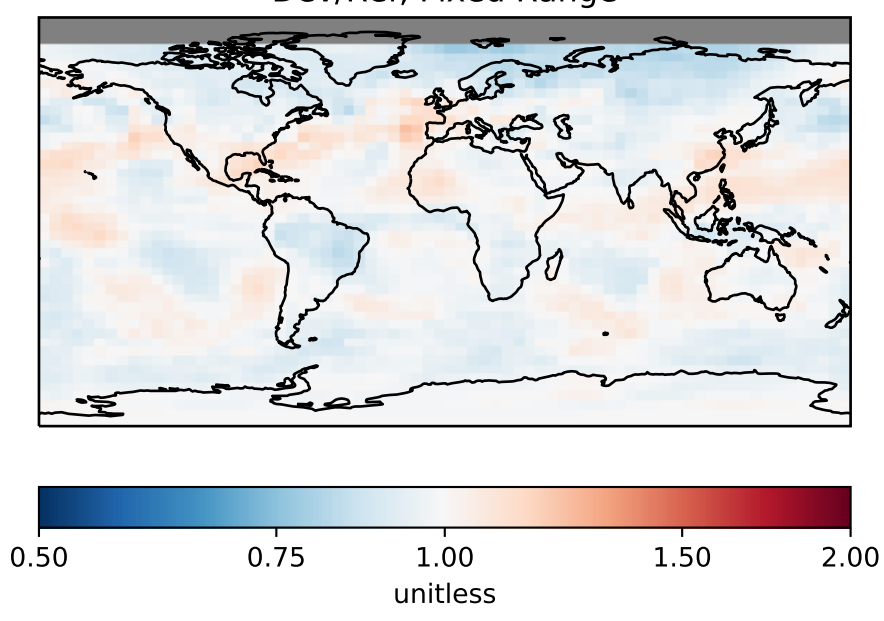
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

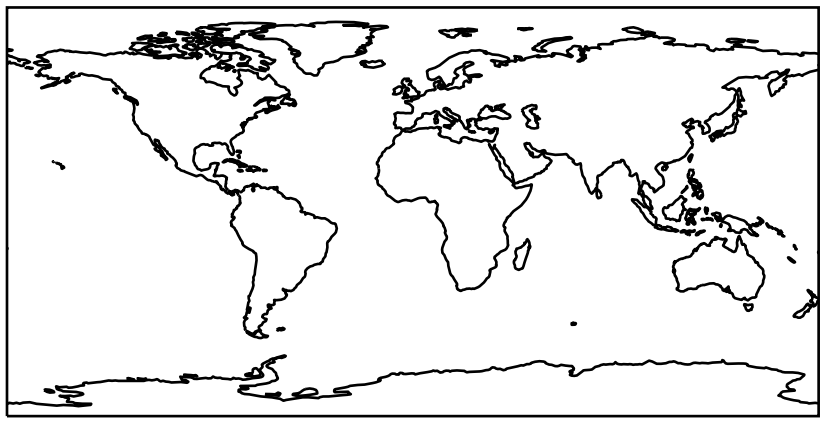


Ratio
Dev/Ref, Fixed Range



Jval_CHCl3 (Jan2019)

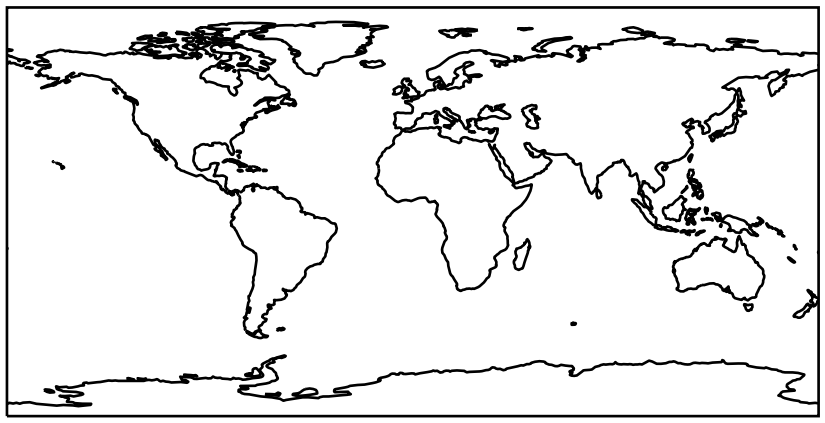
GCC_12.9.0 (Ref)
4.0x5.0





Zero throughout domain
s-1

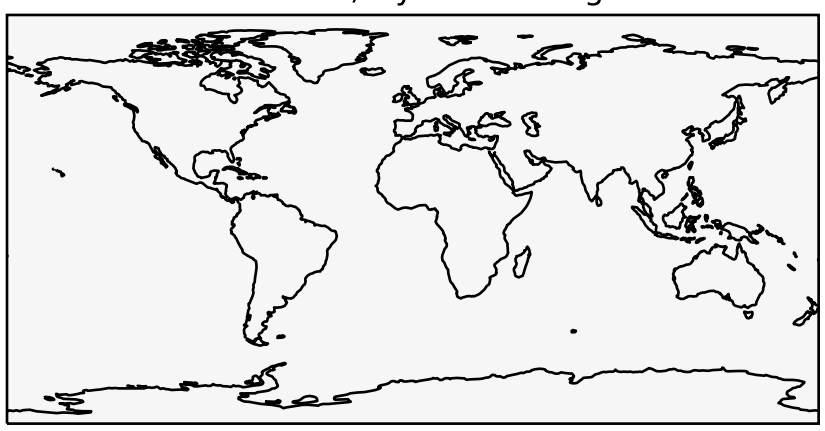
GCC_13.0.0-beta.1 (Dev)
4.0x5.0





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s-1

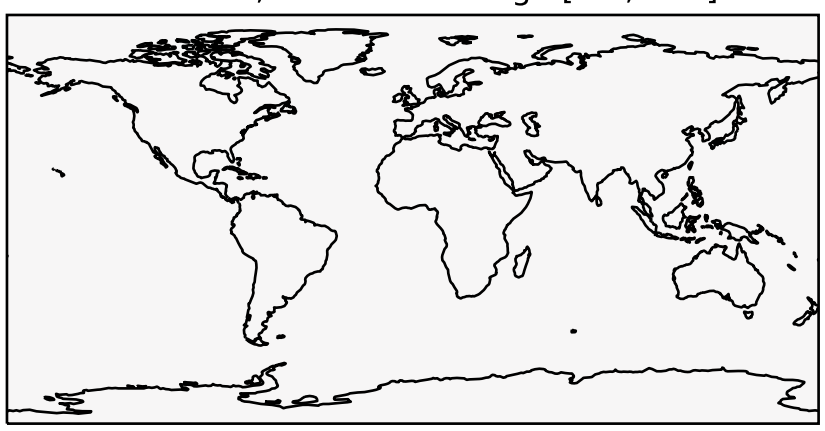
Difference
Dev - Ref, Dynamic Range





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s-1

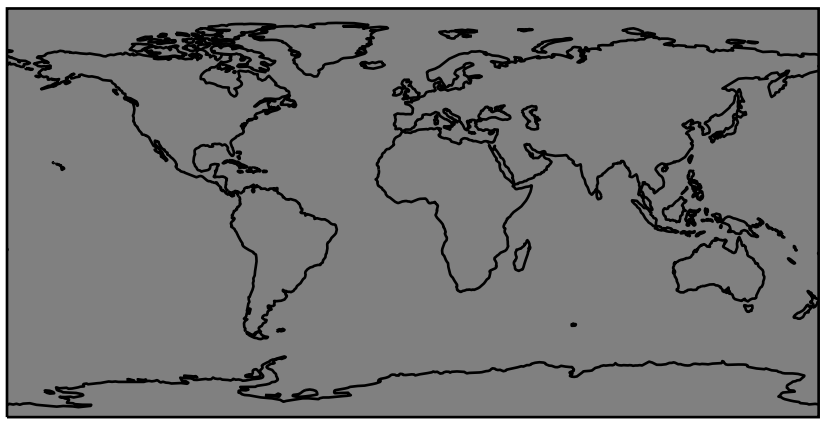
Difference
Dev - Ref, Restricted Range [5%,95%]





Zero throughout domain
s-1

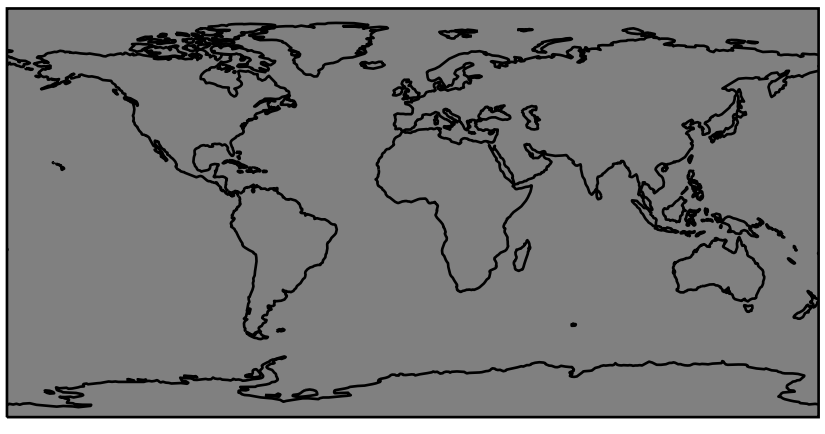
Ratio
Dev/Ref, Dynamic Range





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Ratio
Dev/Ref, Fixed Range

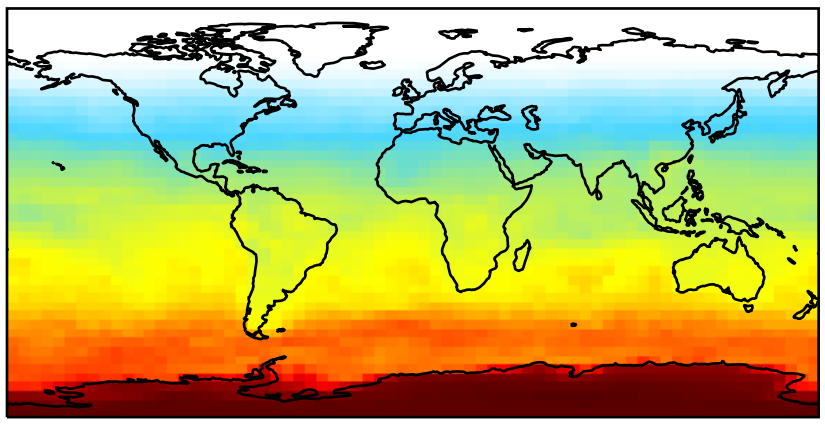


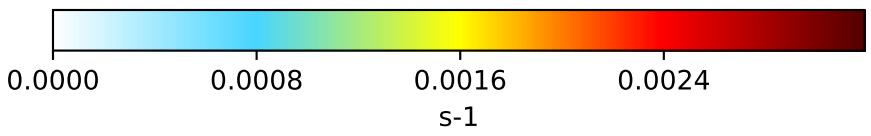


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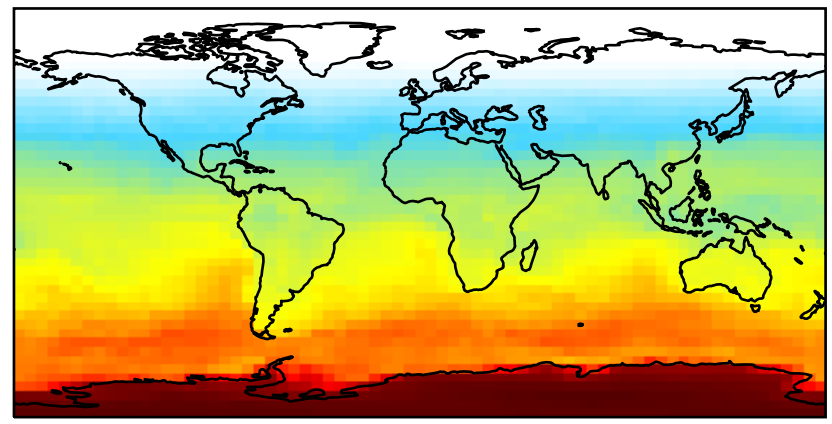
Jval_Cl2 (Jan2019)

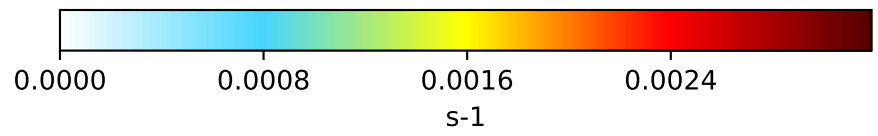
GCC_12.9.0 (Ref)
4.0x5.0



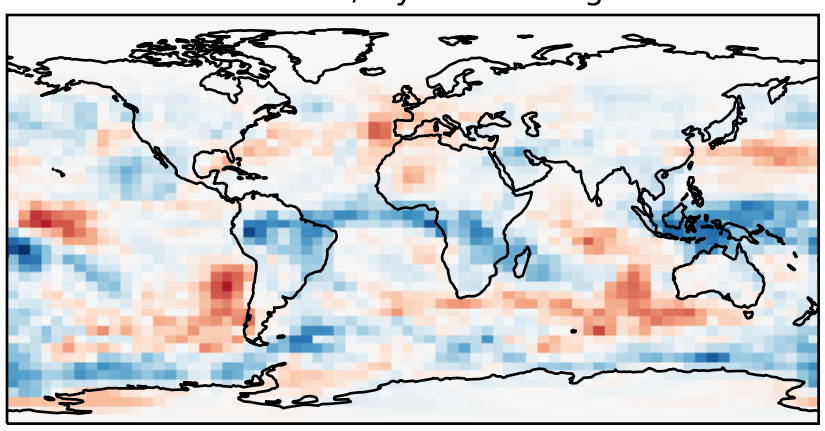


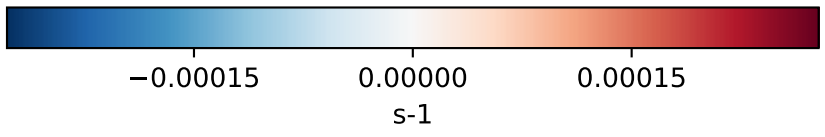
GCC_13.0.0-beta.1 (Dev)
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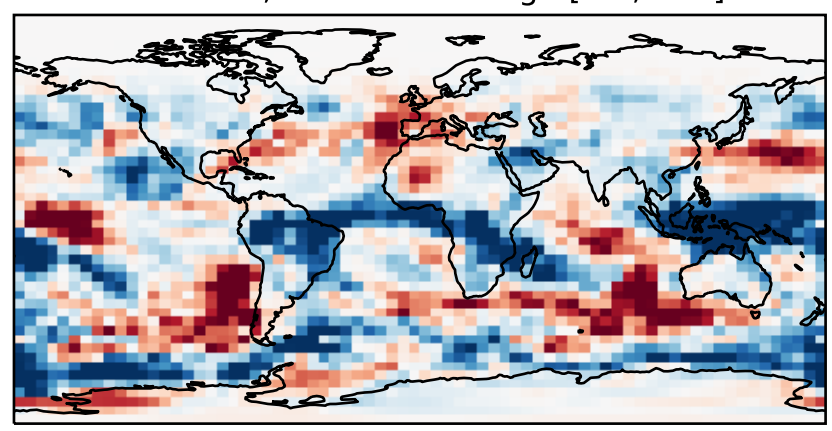


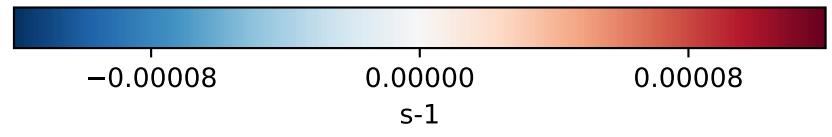
Difference
Dev - Ref, Dynamic Range



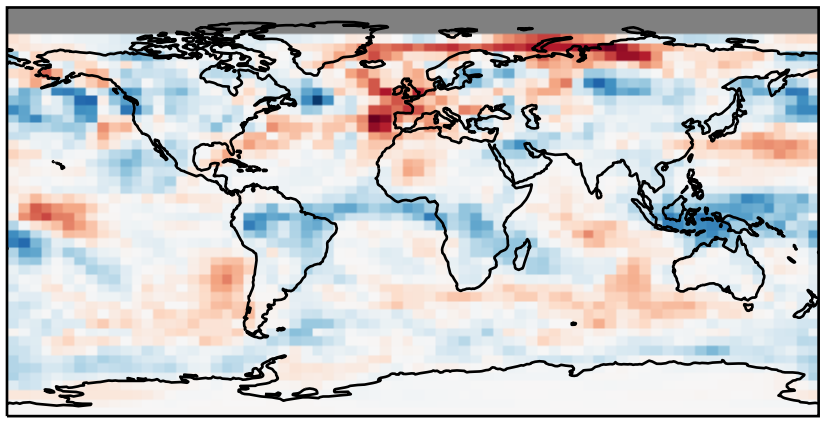


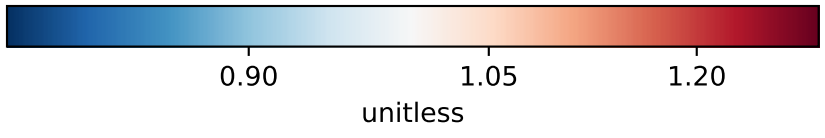
Difference
Dev - Ref, Restricted Range [5%,95%]



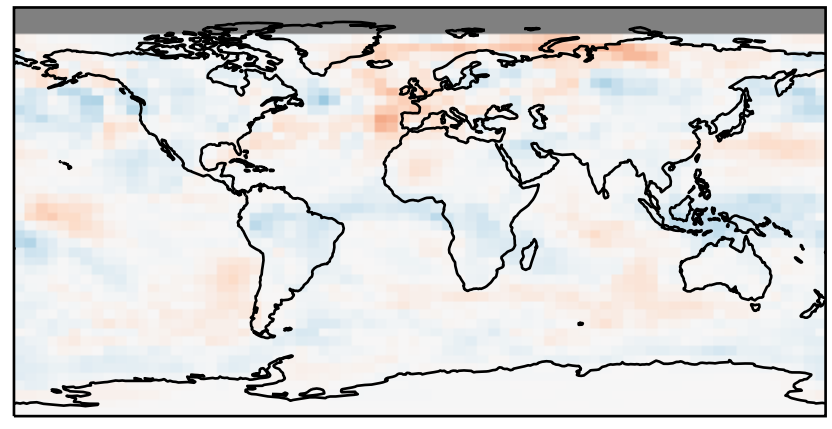


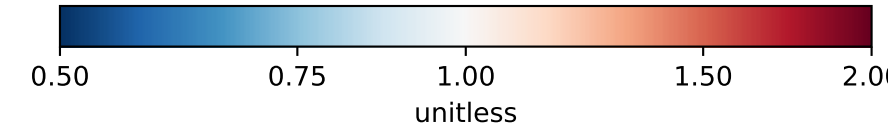
Ratio
Dev/Ref, Dynamic Range





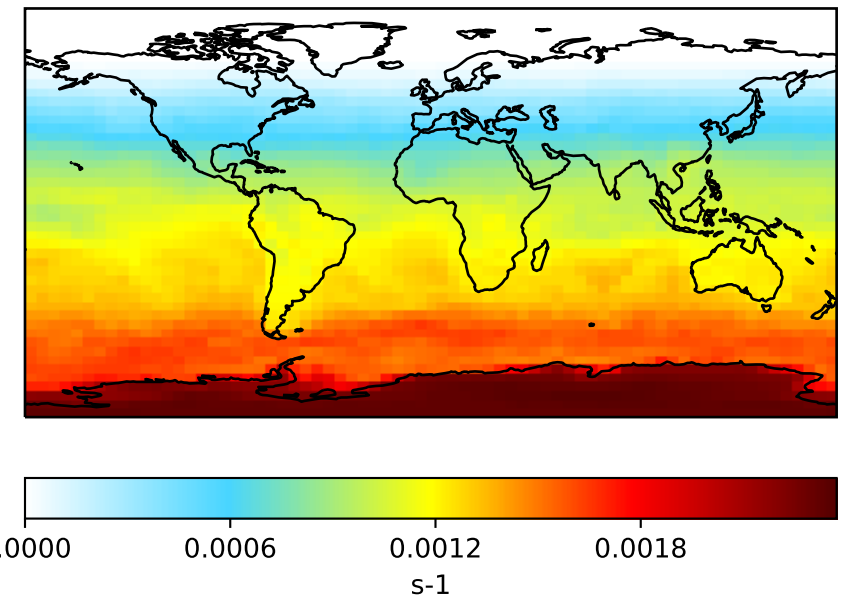
Ratio
Dev/Ref, Fixed Range



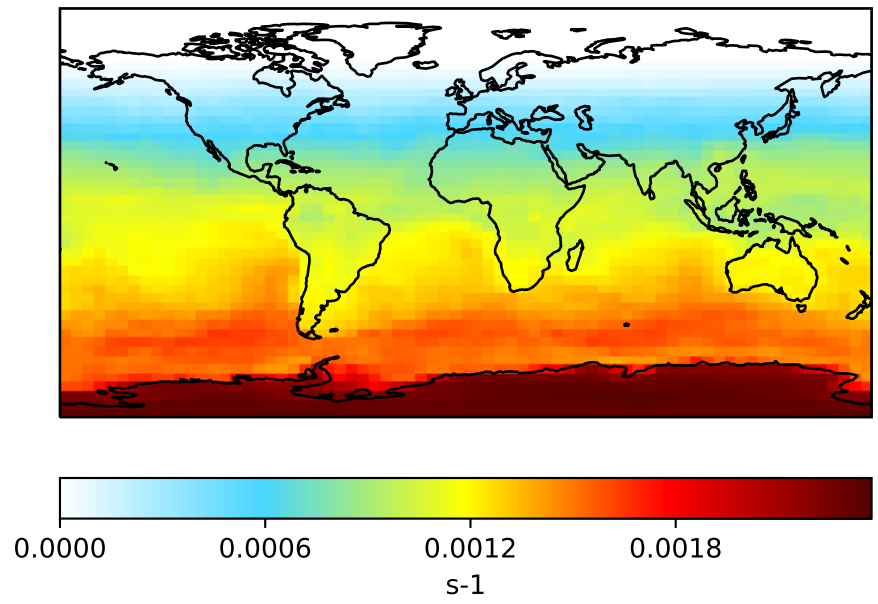


Jval_Cl2O2 (Jan2019)

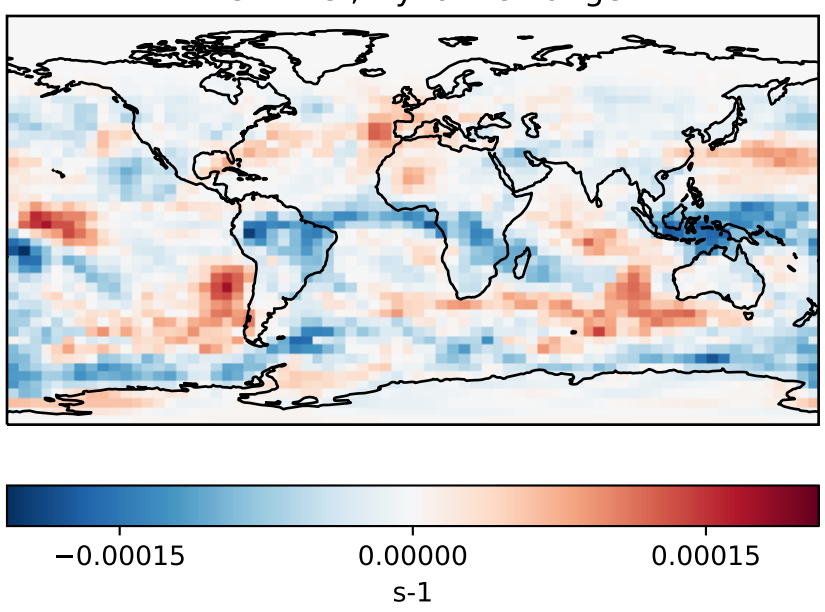
GCC_12.9.0 (Ref)
4.0x5.0



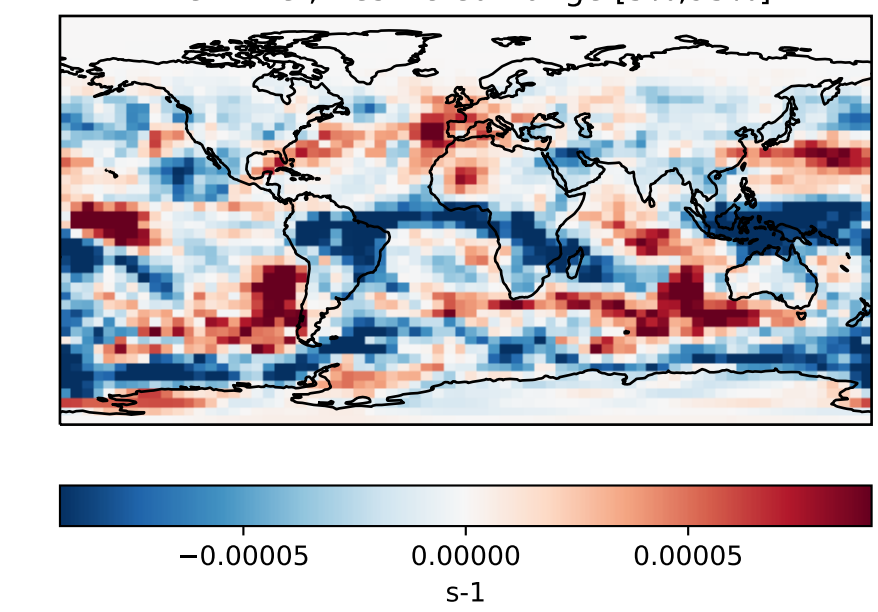
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



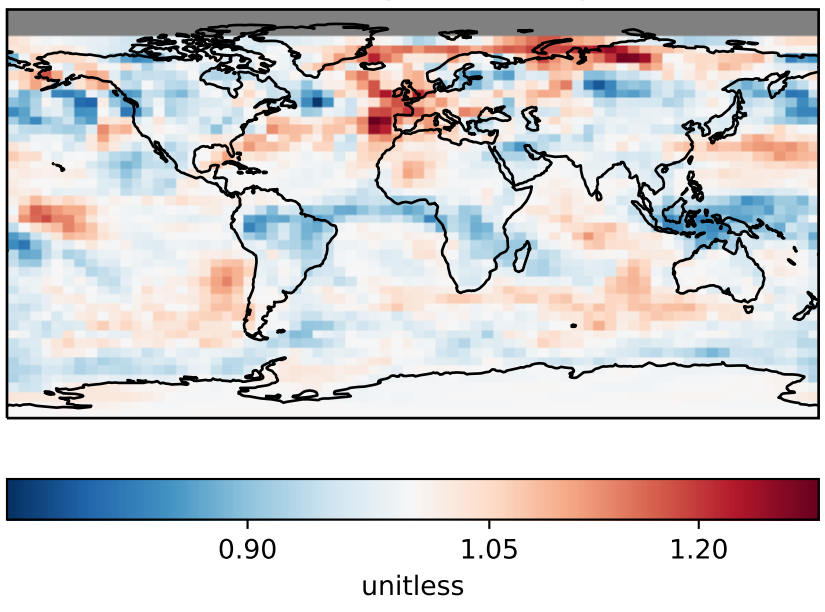
Difference
Dev - Ref, Dynamic Range



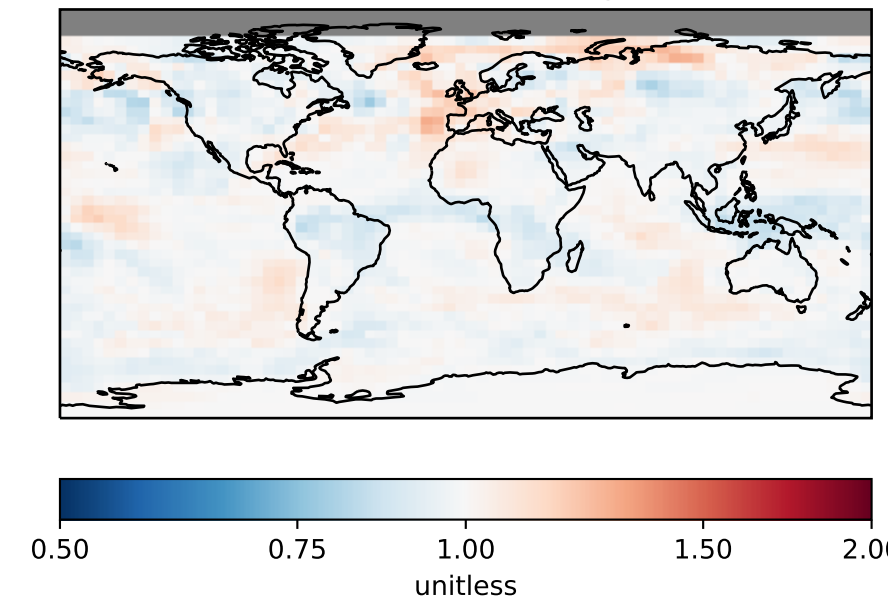
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

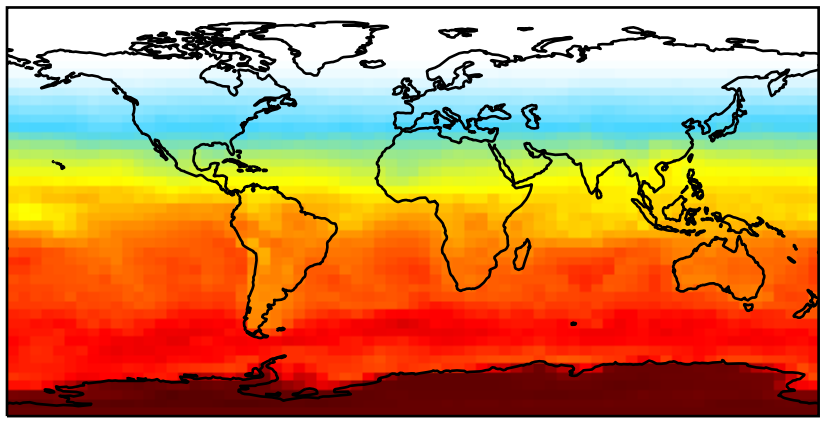


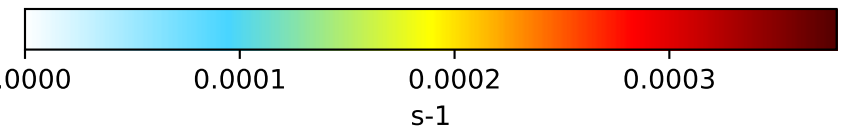
Ratio
Dev/Ref, Fixed Range



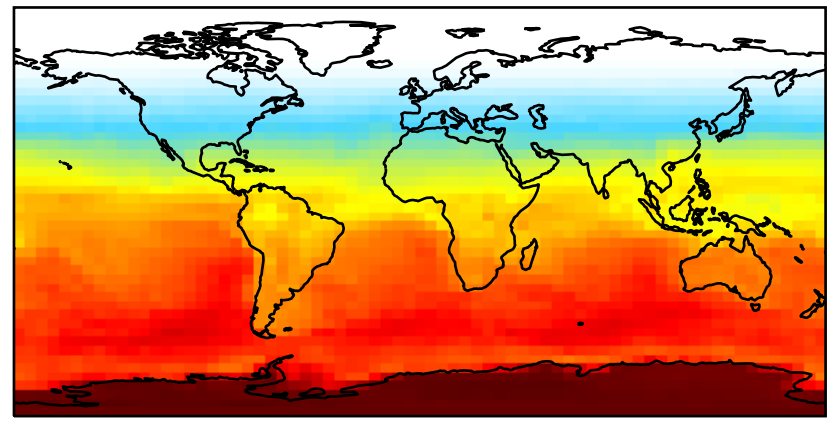
Jval_ClNO2 (Jan2019)

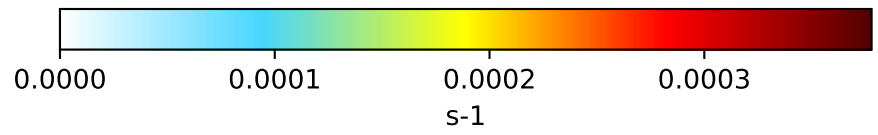
GCC_12.9.0 (Ref)
4.0x5.0



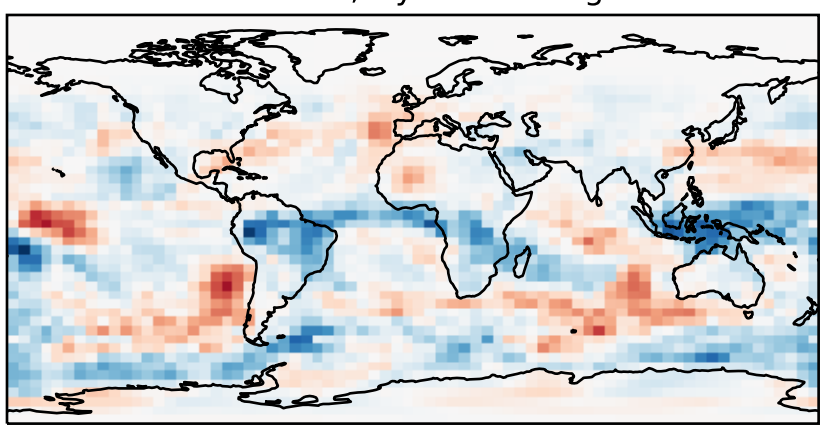


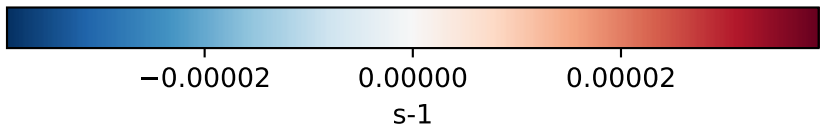
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



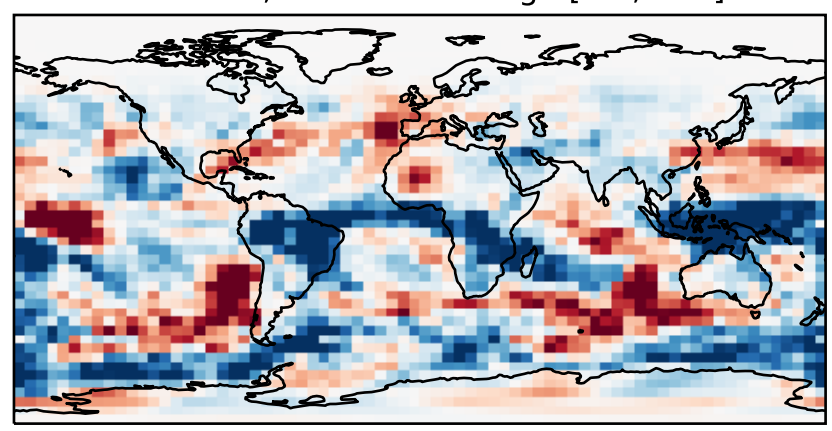


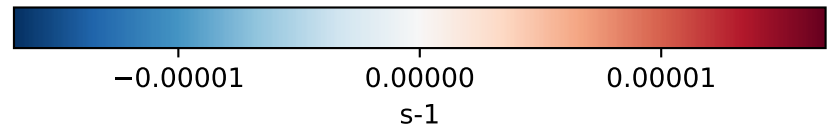
Difference
Dev - Ref, Dynamic Range



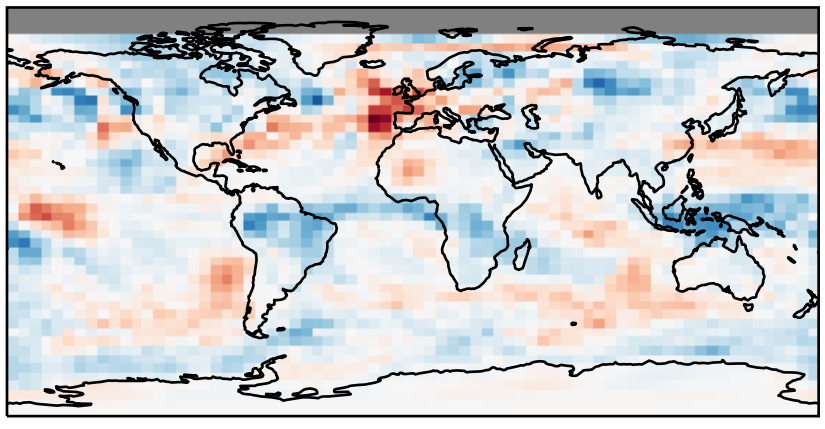


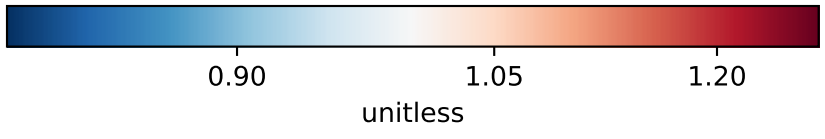
Difference
Dev - Ref, Restricted Range [5%,95%]



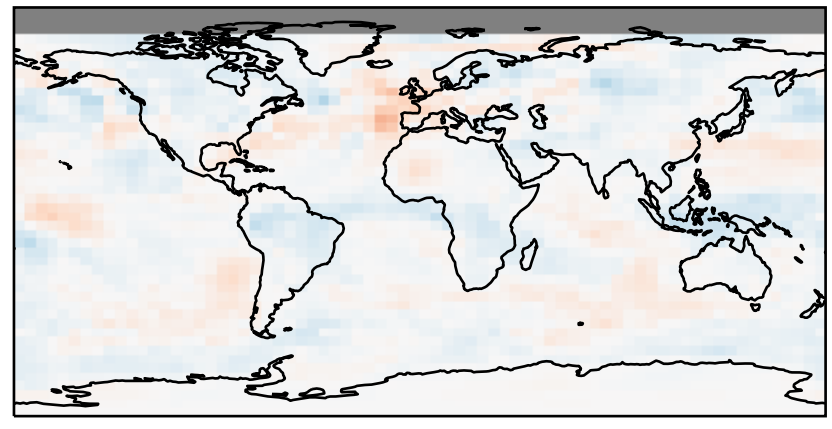


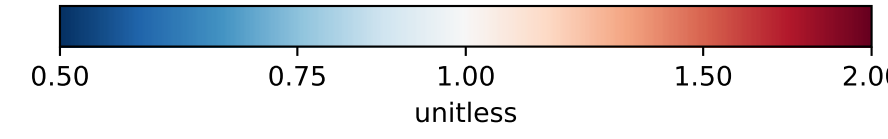
Ratio
Dev/Ref, Dynamic Range





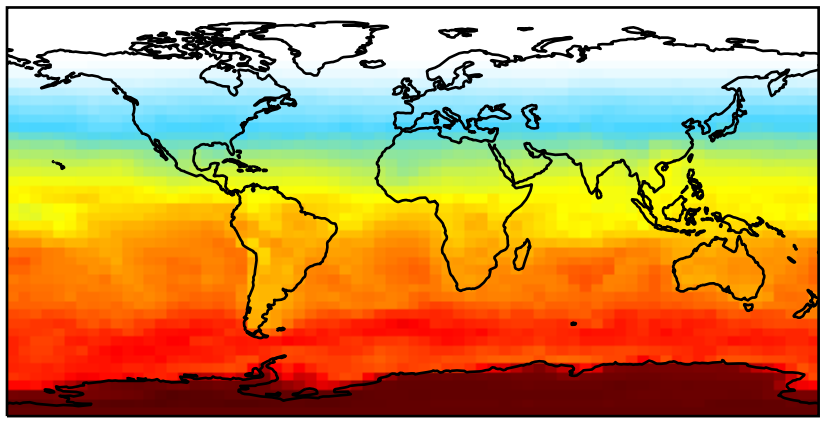
Ratio
Dev/Ref, Fixed Range

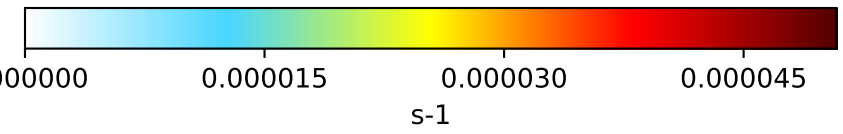




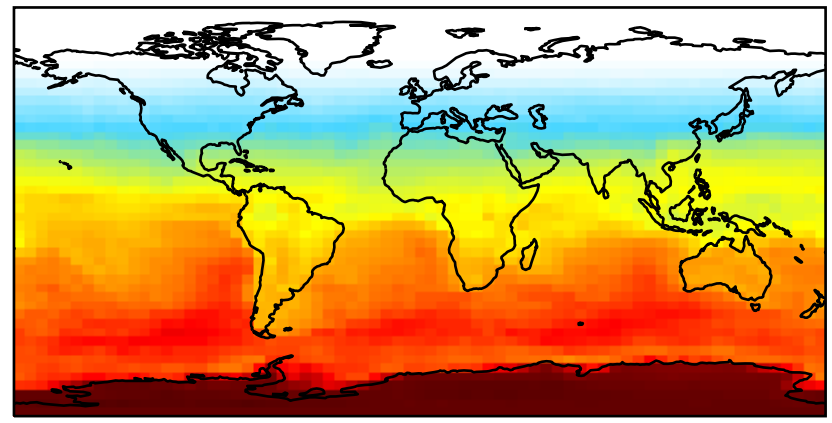
Jval_ClNO3 (Jan2019)

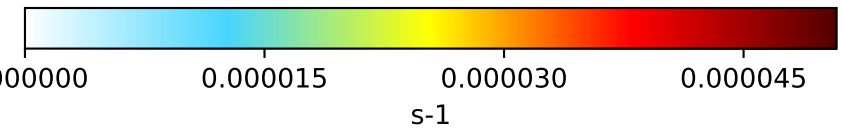
GCC_12.9.0 (Ref)
4.0x5.0



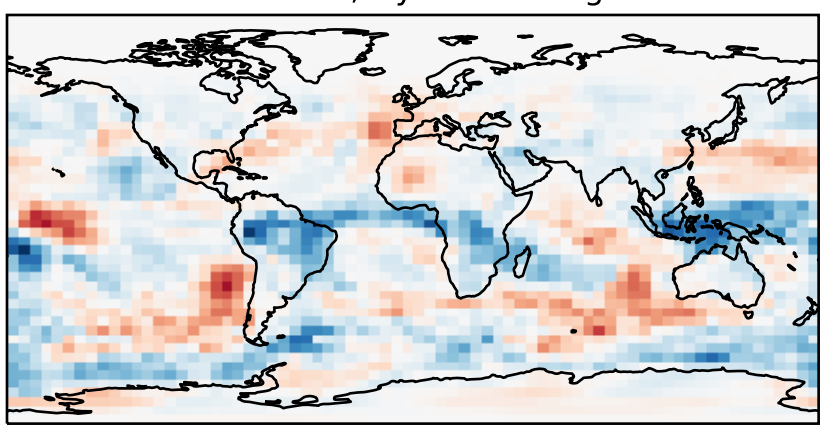


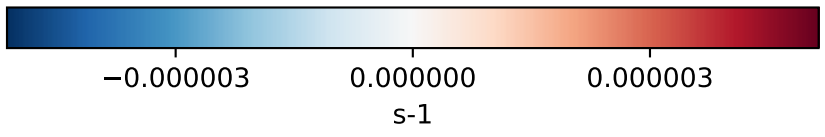
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



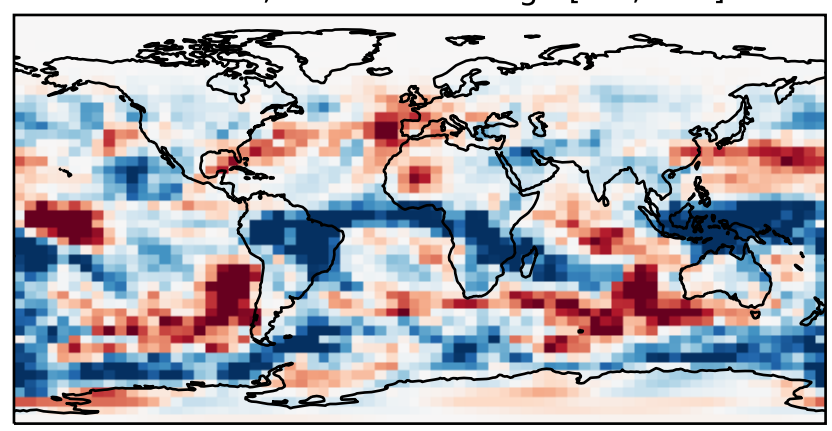


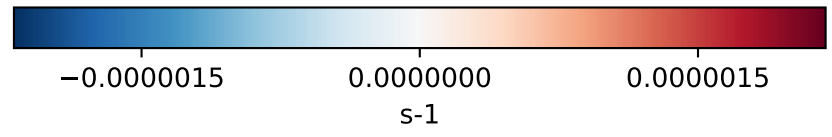
Difference
Dev - Ref, Dynamic Range



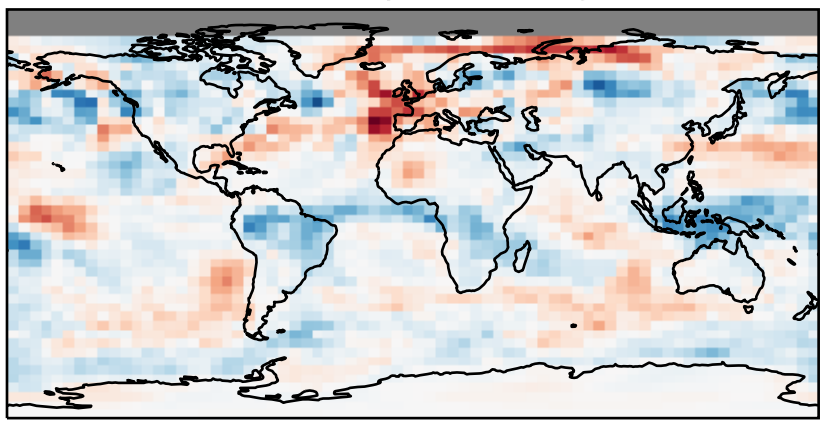


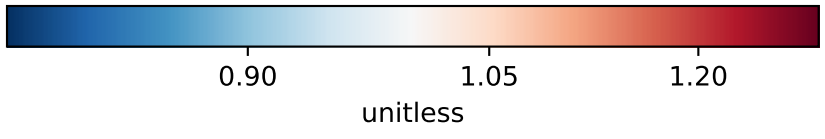
Difference
Dev - Ref, Restricted Range [5%,95%]



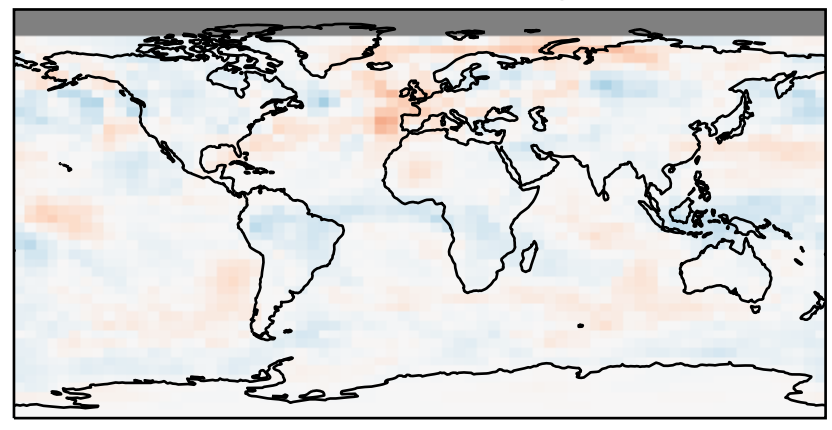


Ratio
Dev/Ref, Dynamic Range





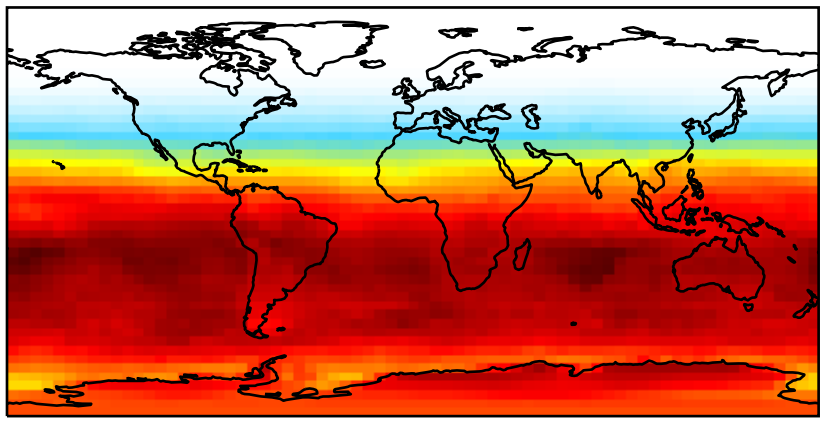
Ratio
Dev/Ref, Fixed Range

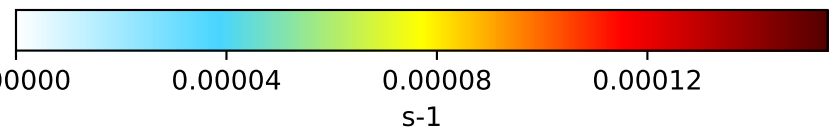




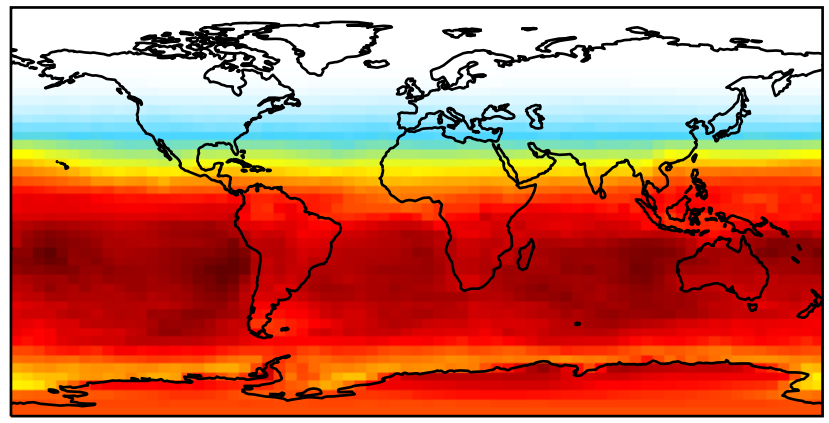
Jval_ClO (Jan2019)

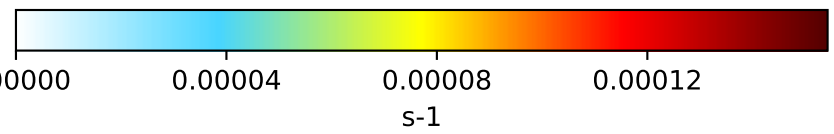
GCC_12.9.0 (Ref)
4.0x5.0



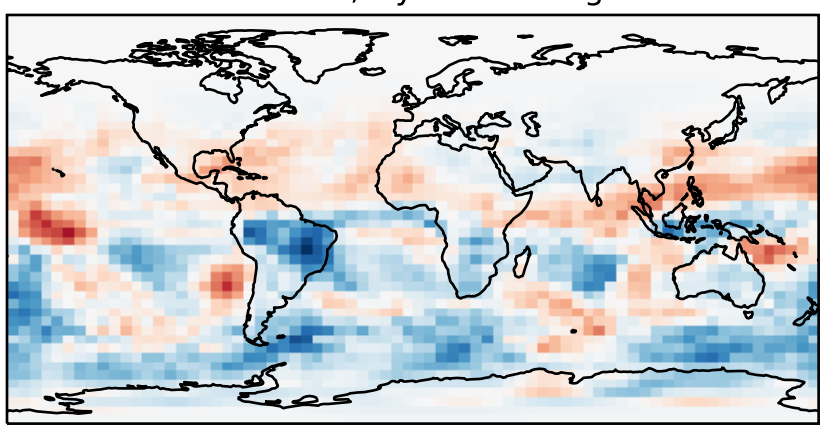


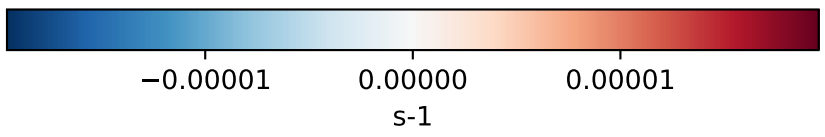
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



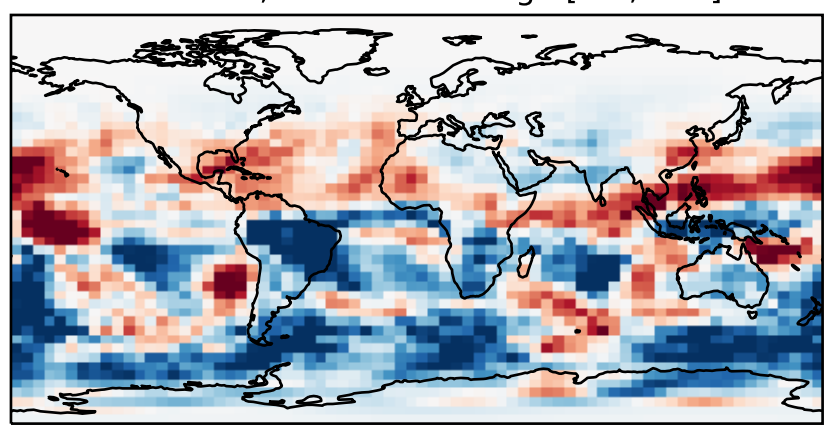


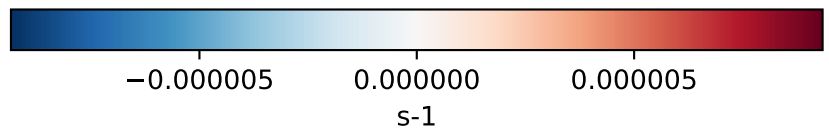
Difference
Dev - Ref, Dynamic Range



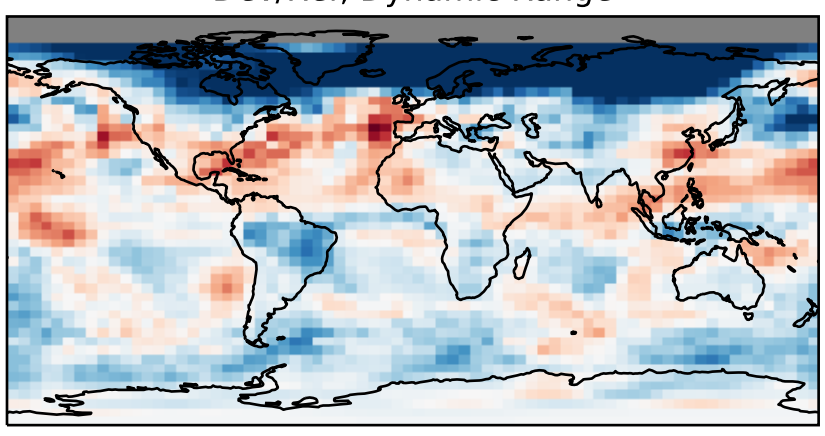


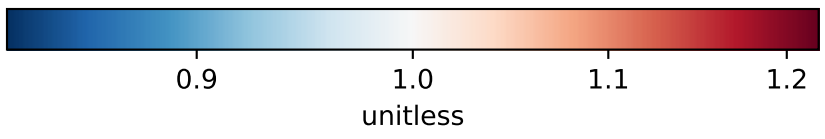
Difference
Dev - Ref, Restricted Range [5%,95%]



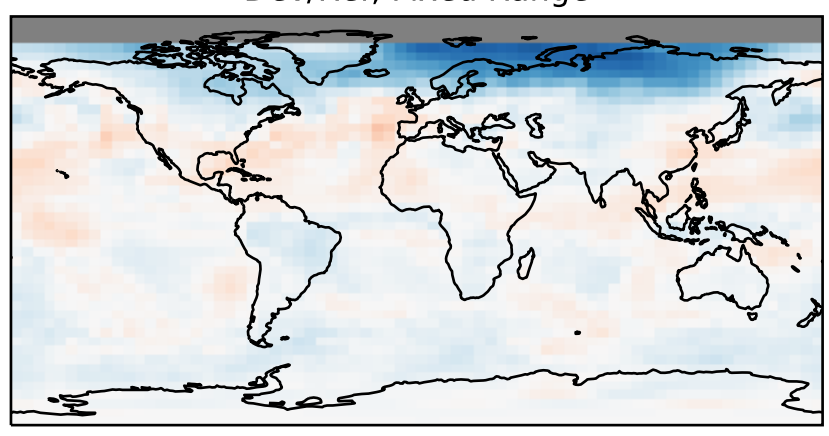


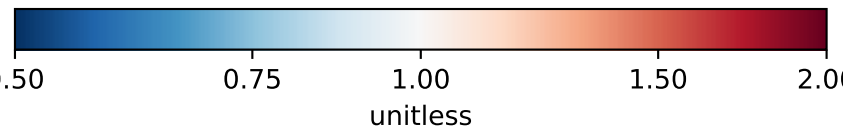
Ratio
Dev/Ref, Dynamic Range





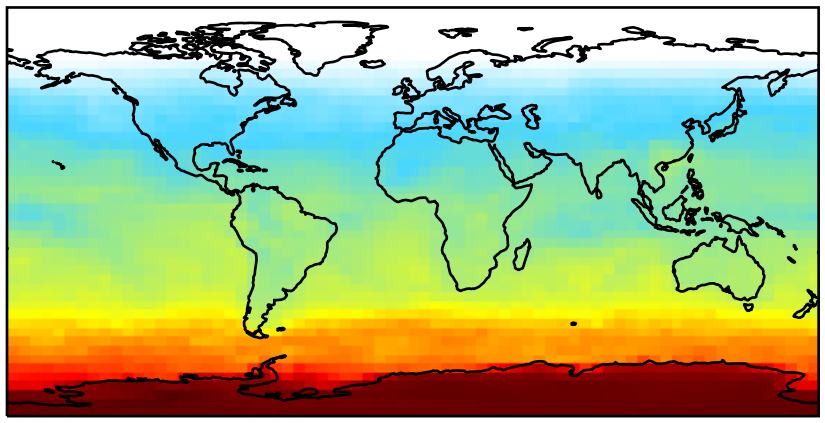
Ratio
Dev/Ref, Fixed Range

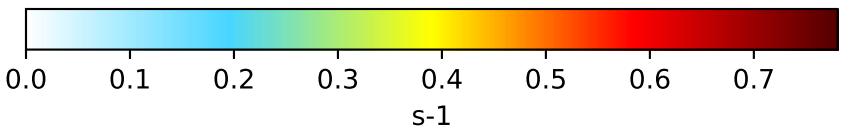




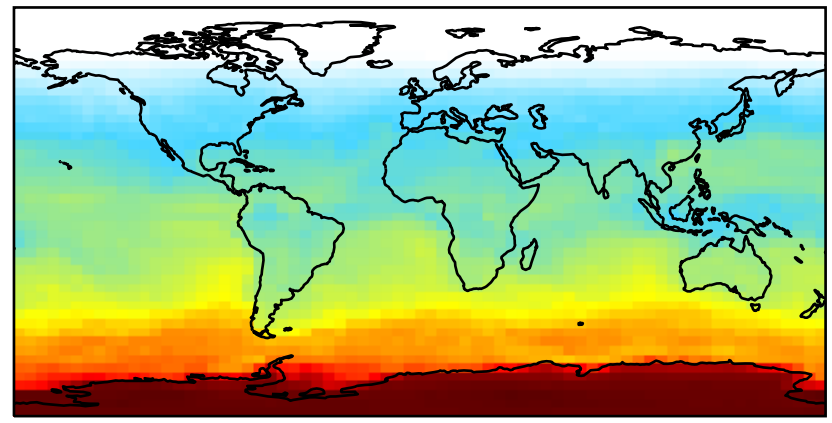
Jval_ClOO (Jan2019)

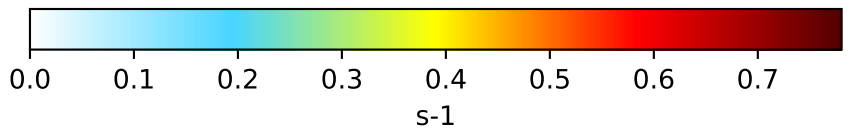
GCC_12.9.0 (Ref)
4.0x5.0



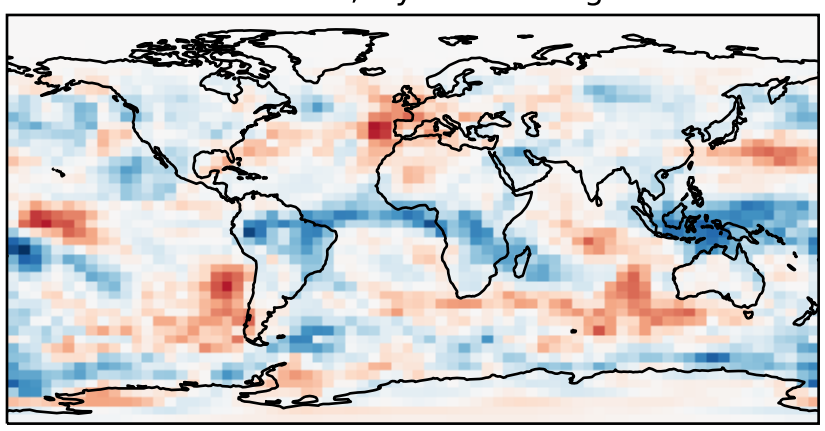


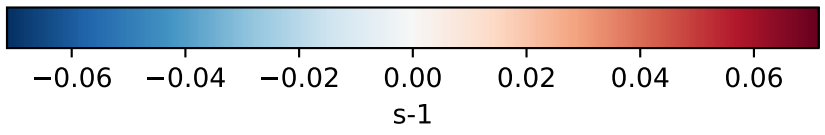
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



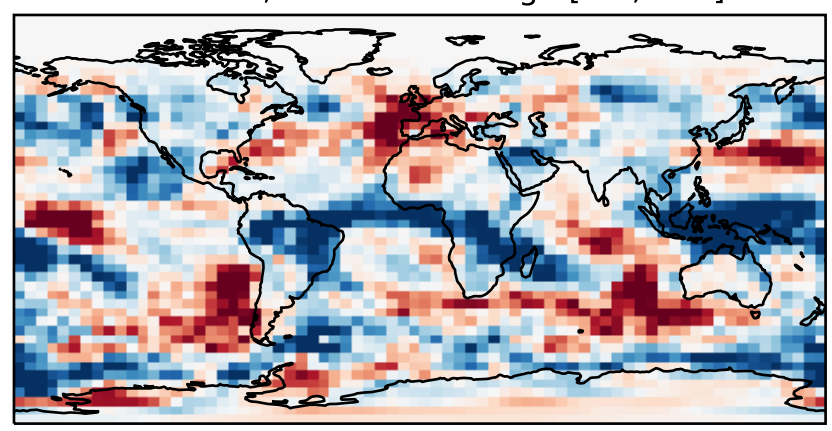


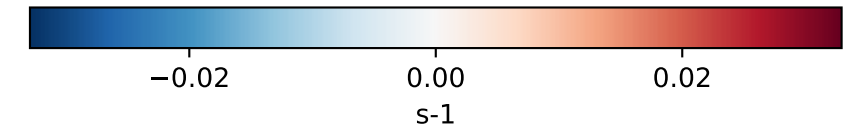
Difference
Dev - Ref, Dynamic Range



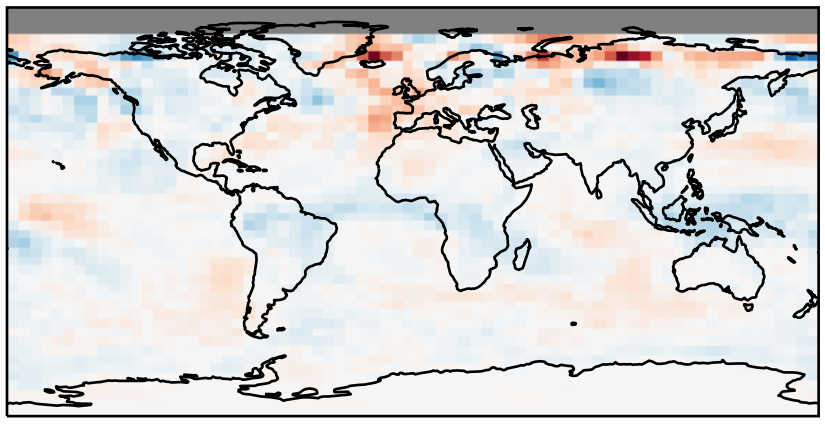


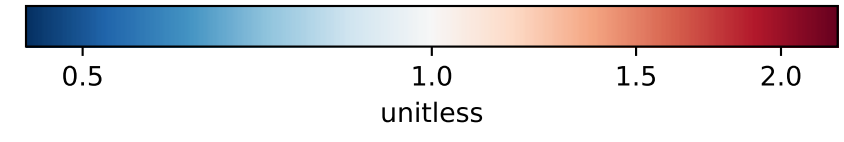
Difference
Dev - Ref, Restricted Range [5%,95%]



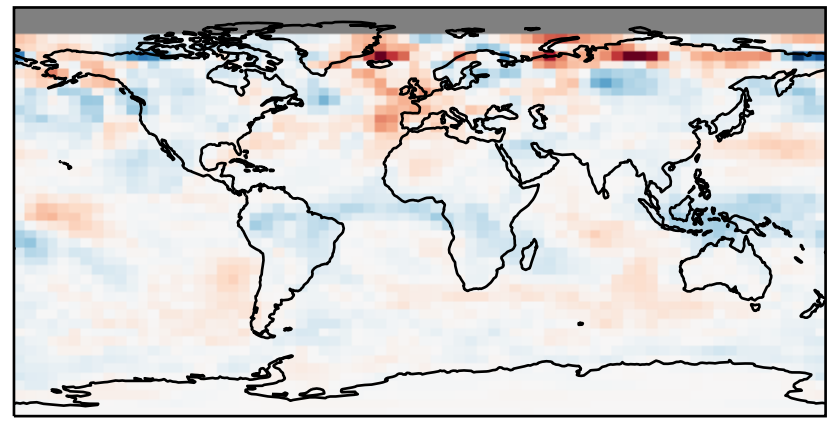


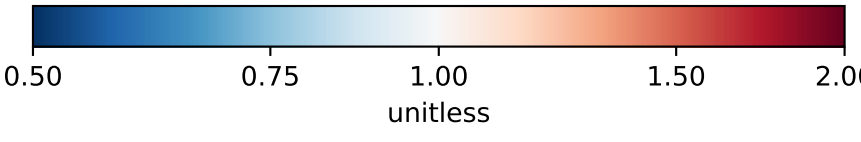
Ratio
Dev/Ref, Dynamic Range





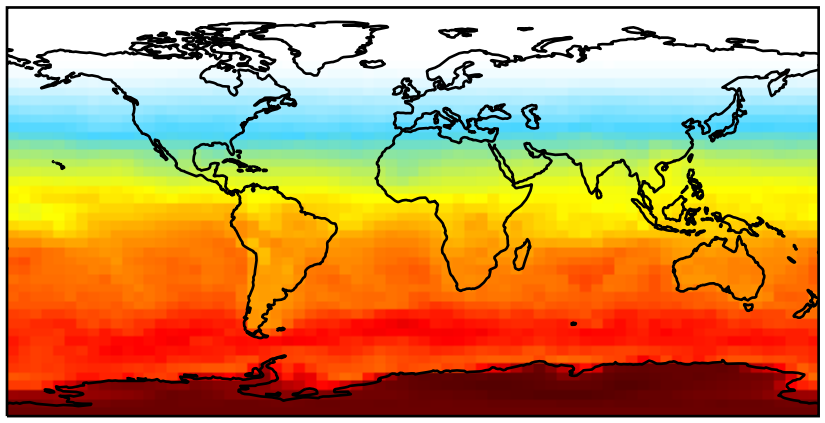
Ratio
Dev/Ref, Fixed Range

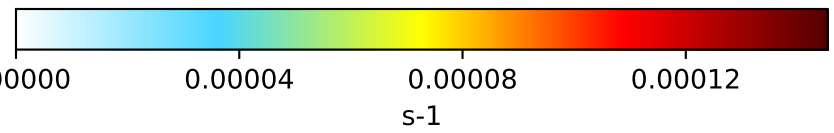




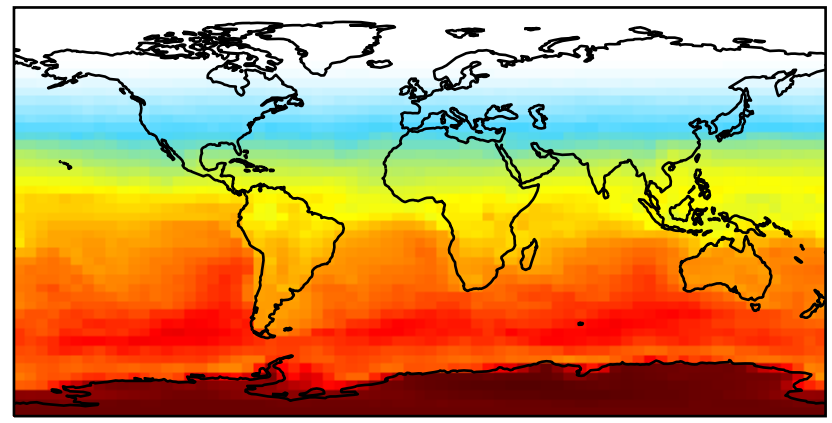
Jval_ETHLN (Jan2019)

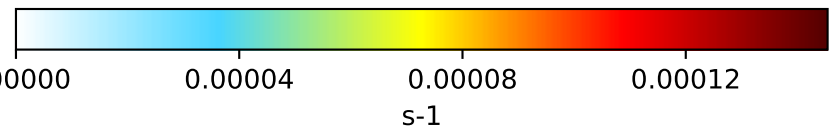
GCC_12.9.0 (Ref)
4.0x5.0



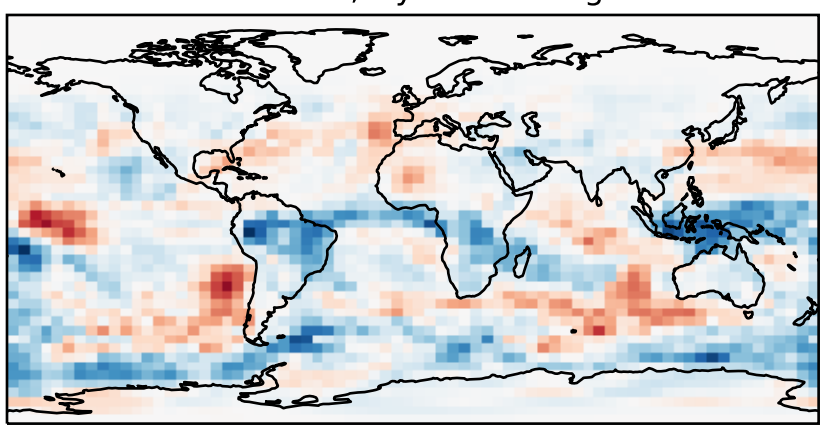


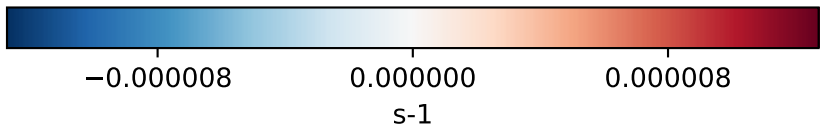
GCC_13.0.0-beta.1 (Dev)
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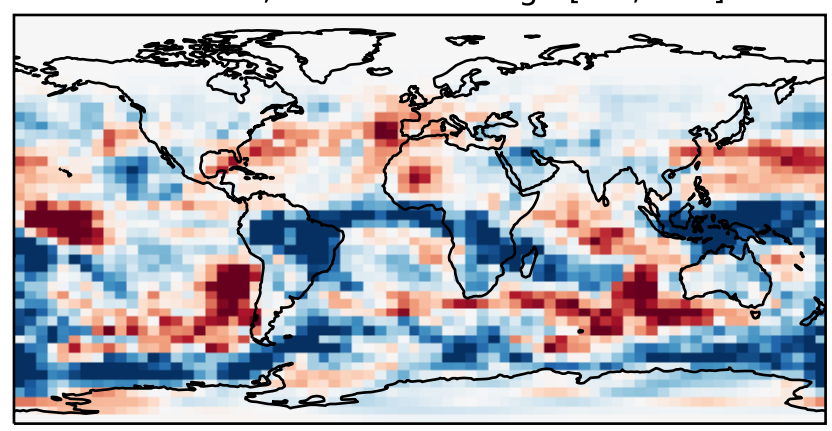


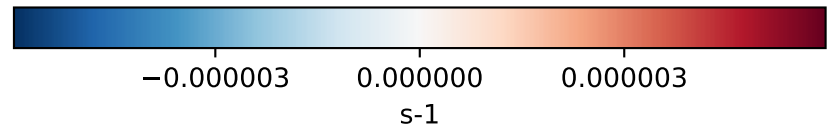
Difference
Dev - Ref, Dynamic Range



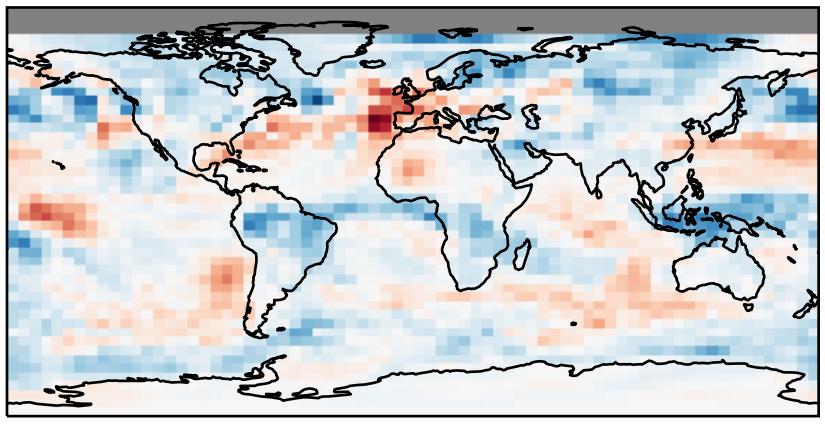


Difference
Dev - Ref, Restricted Range [5%,95%]



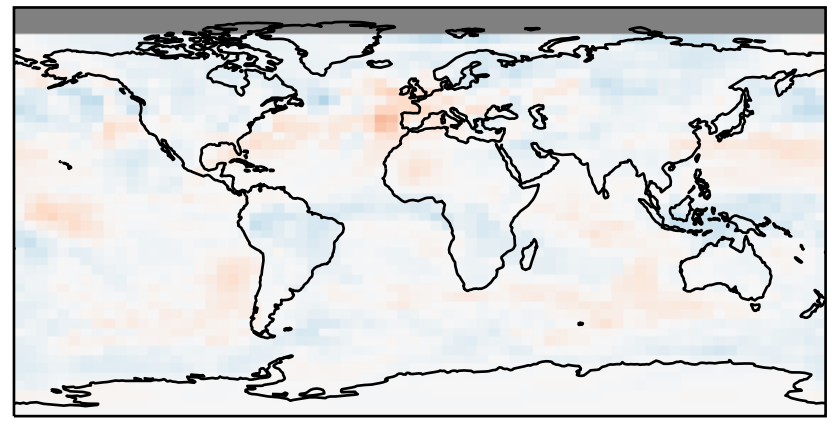


Ratio
Dev/Ref, Dynamic Range





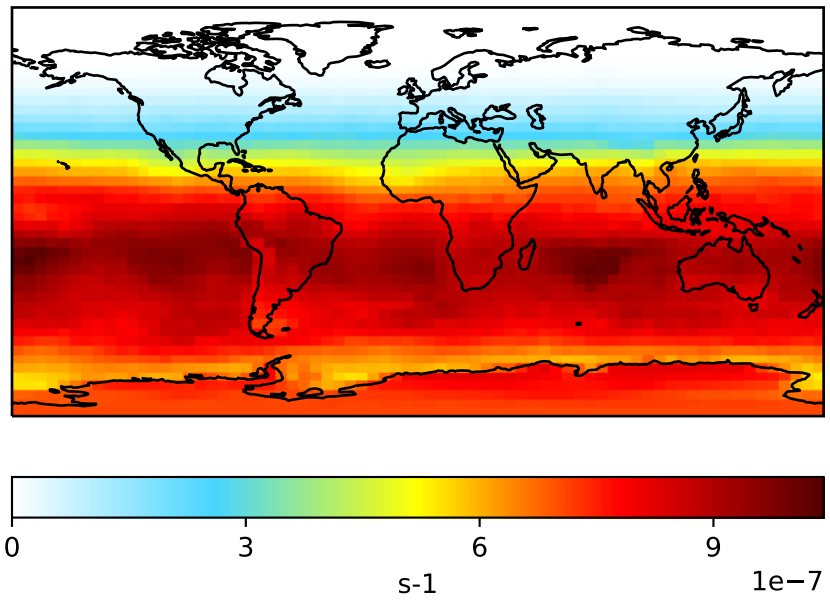
Ratio
Dev/Ref, Fixed Range



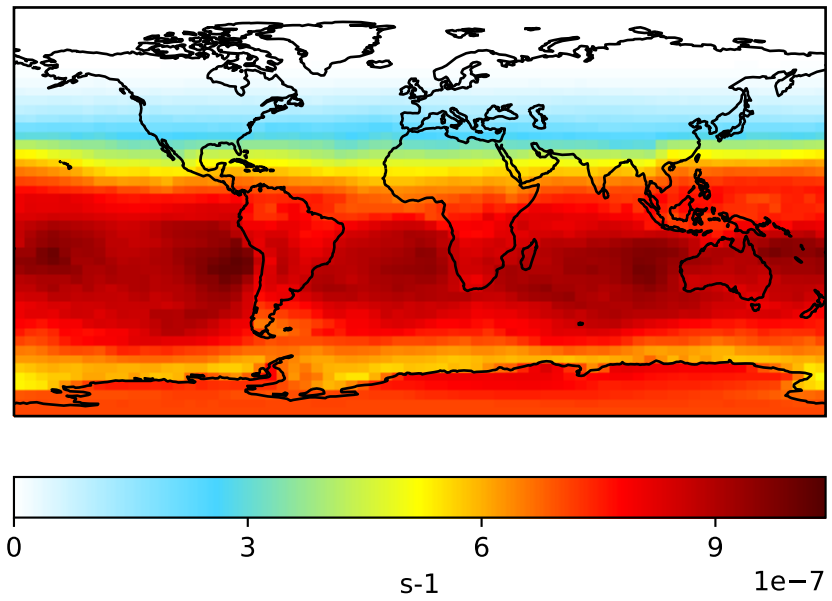


Jval_ETNO3 (Jan2019)

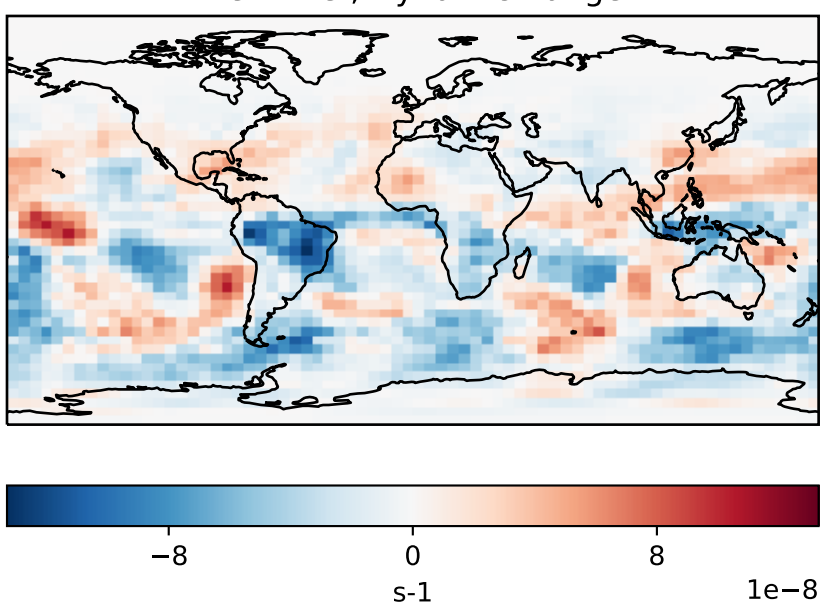
GCC_12.9.0 (Ref)
4.0x5.0



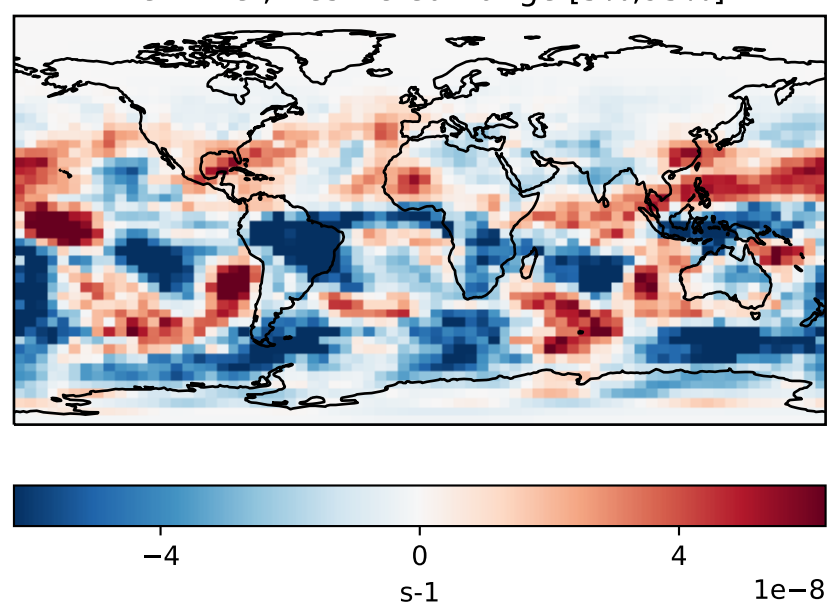
GCC_13.0.0-beta.1 (Dev)
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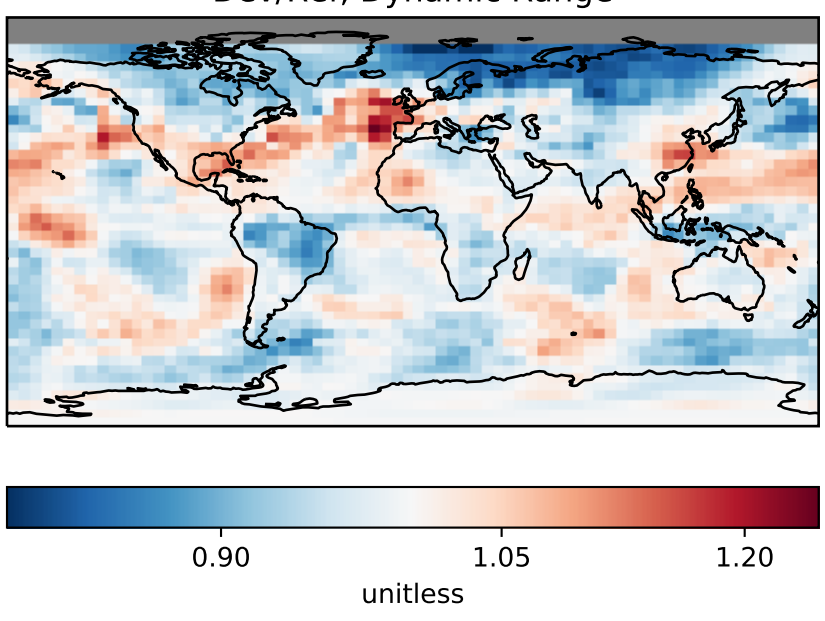
Difference
Dev - Ref, Dynamic Range



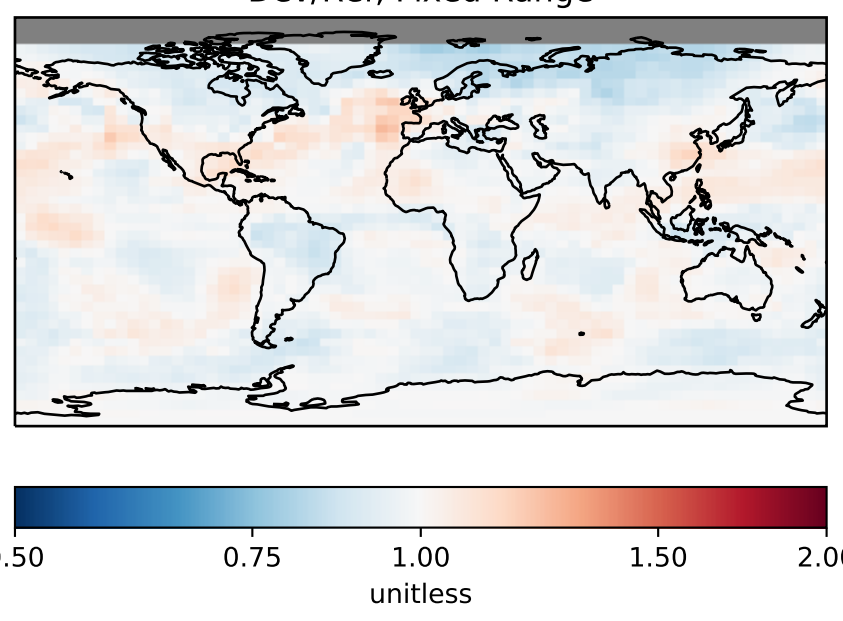
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

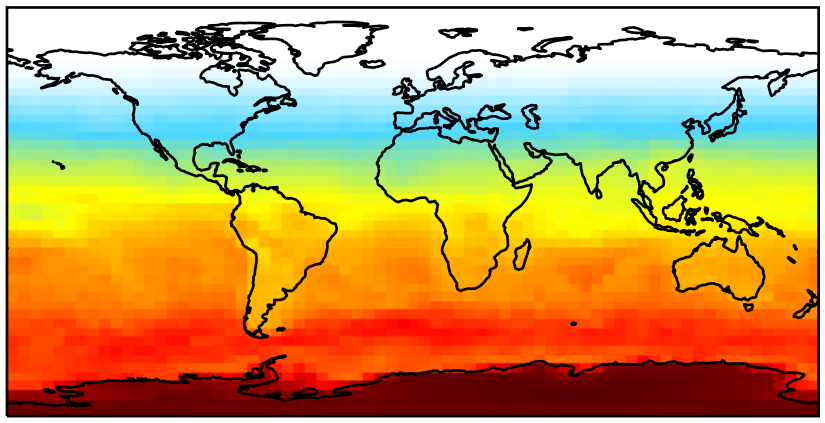


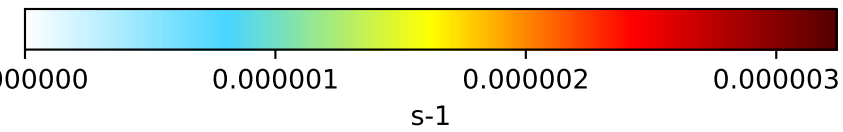
Ratio
Dev/Ref, Fixed Range



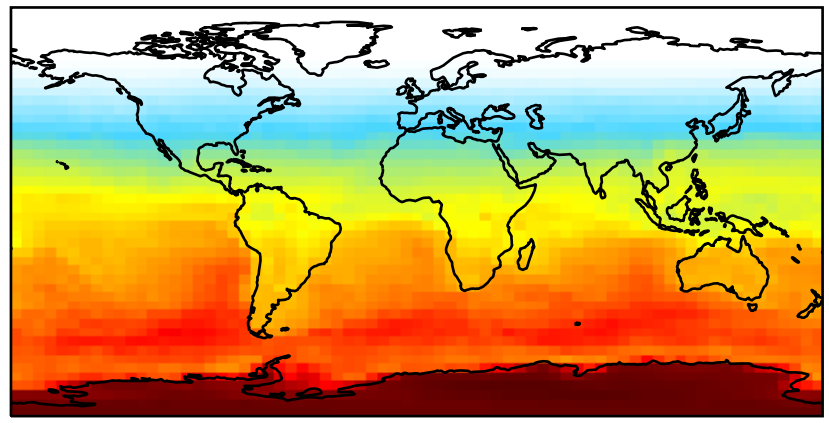
Jval_ETP (Jan2019)

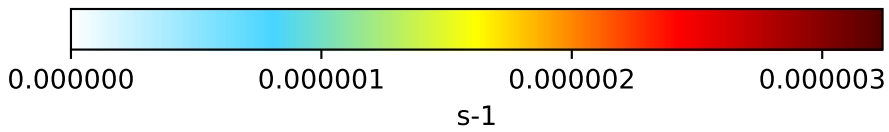
GCC_12.9.0 (Ref)
4.0x5.0



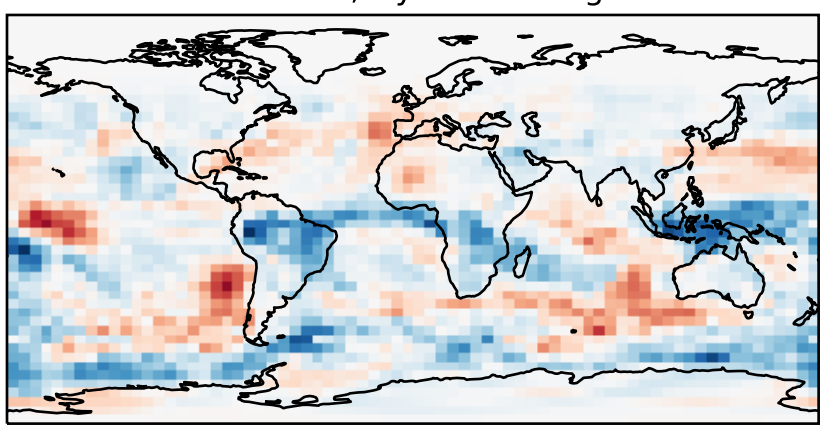


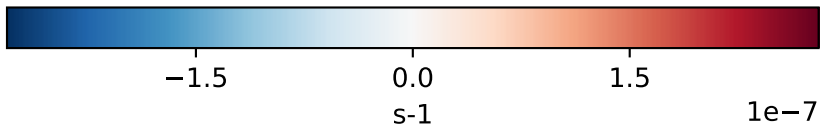
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



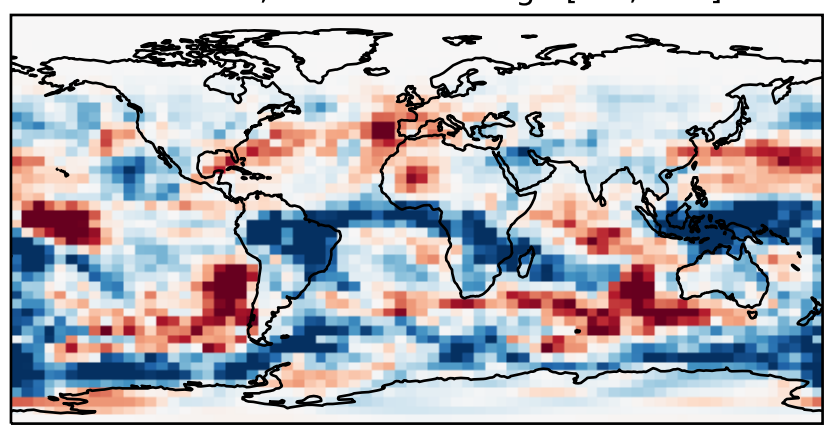


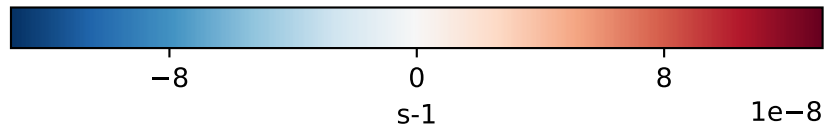
Difference
Dev - Ref, Dynamic Range



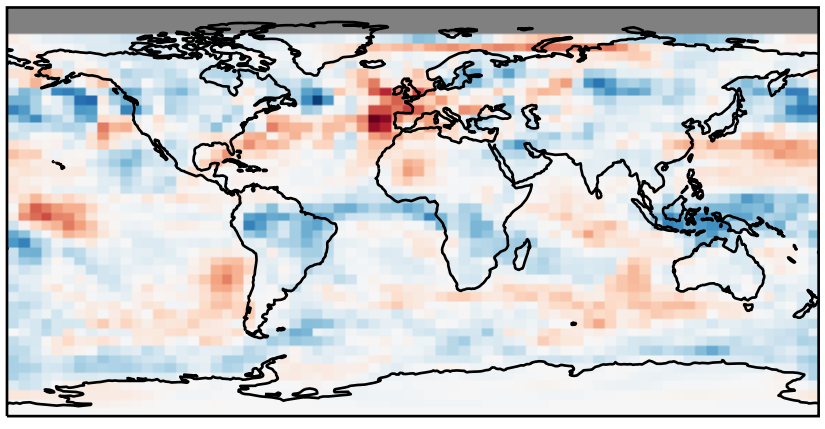


Difference
Dev - Ref, Restricted Range [5%,95%]



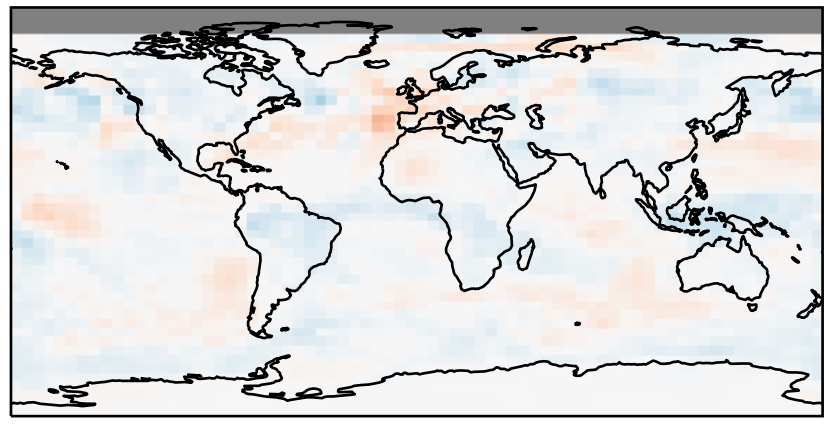


Ratio
Dev/Ref, Dynamic Range





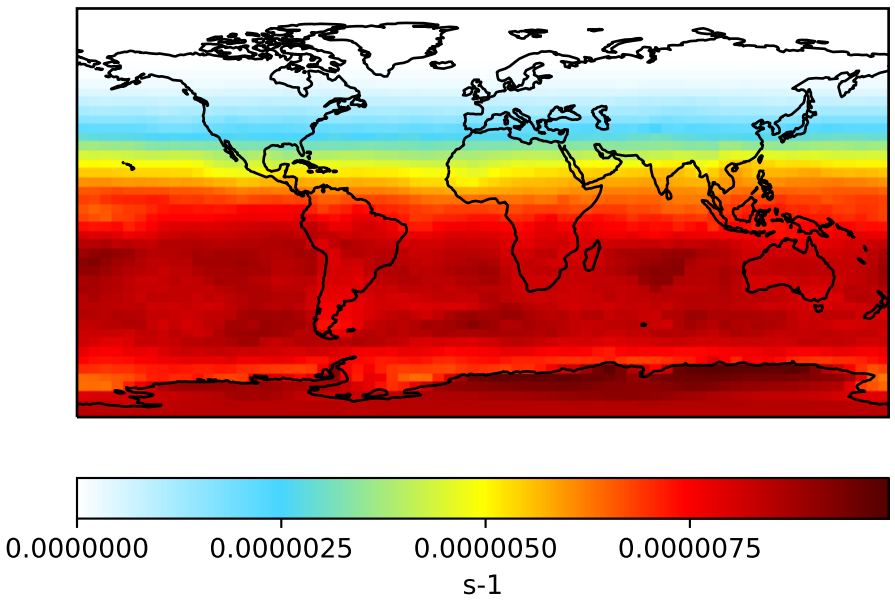
Ratio
Dev/Ref, Fixed Range



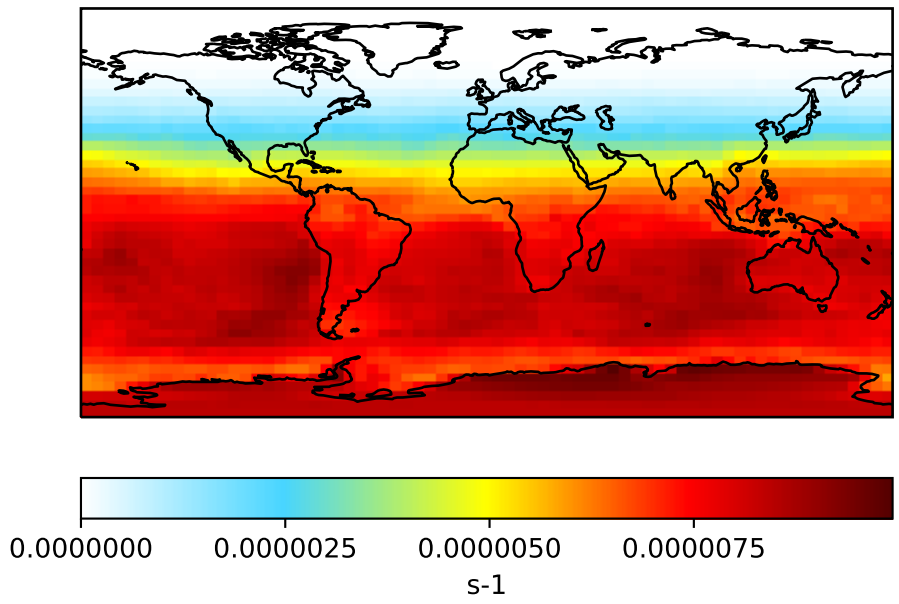


Jval_GLYC (Jan2019)

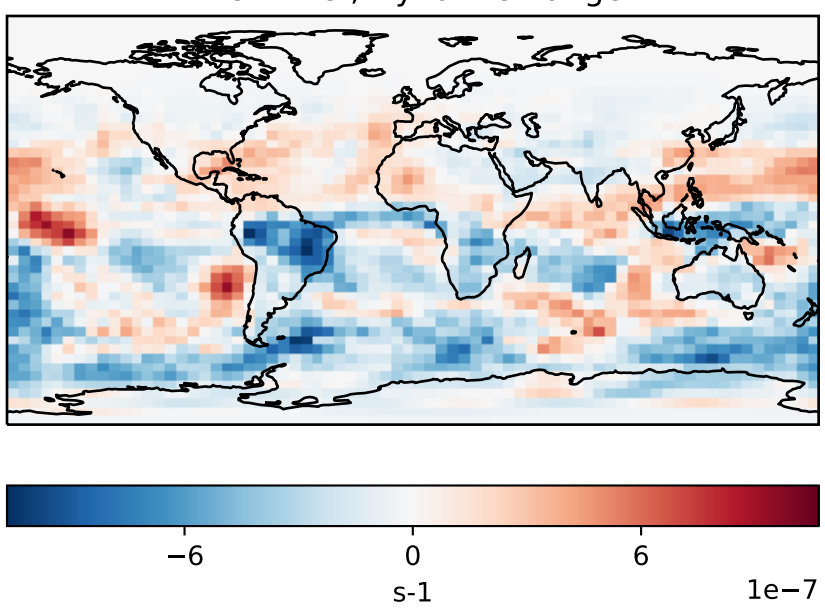
GCC_12.9.0 (Ref)
4.0x5.0



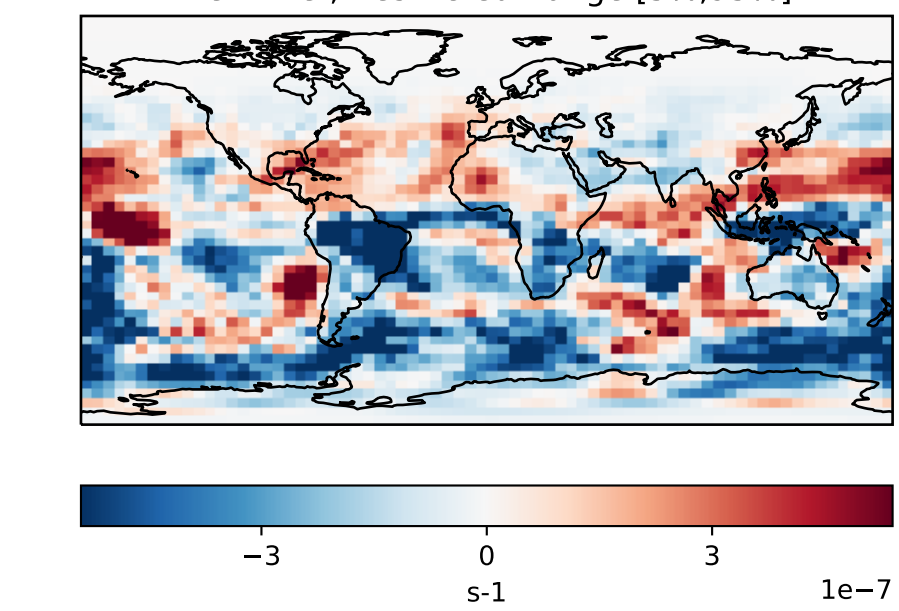
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



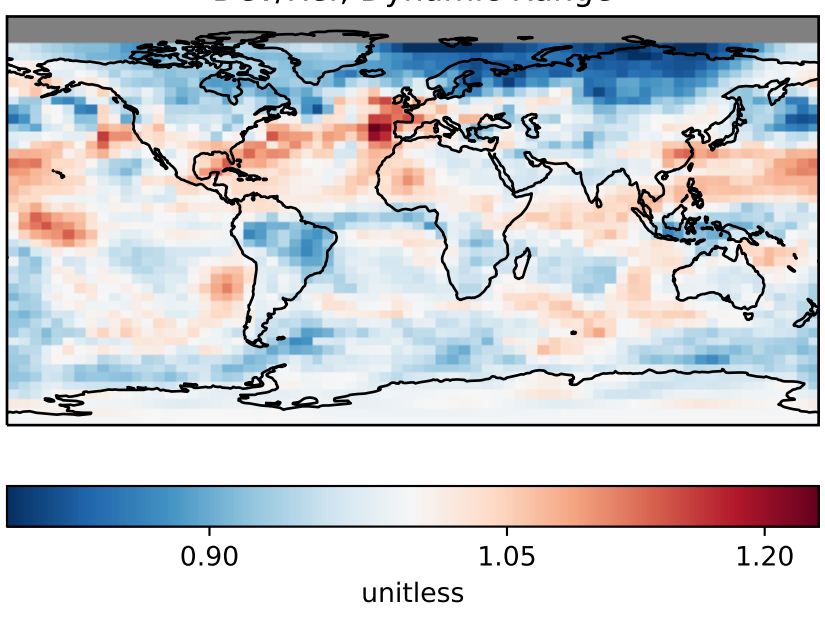
Difference
Dev - Ref, Dynamic Range



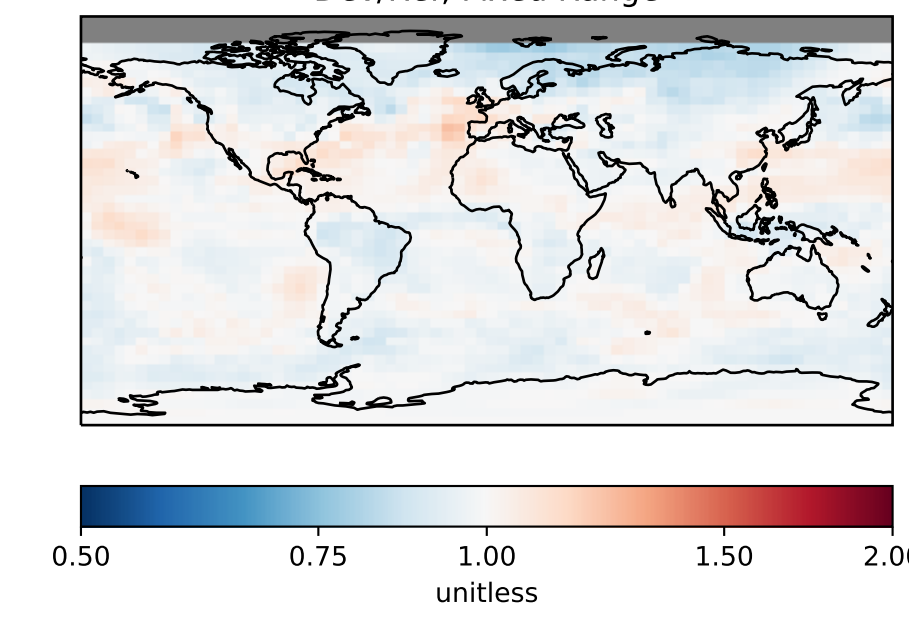
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

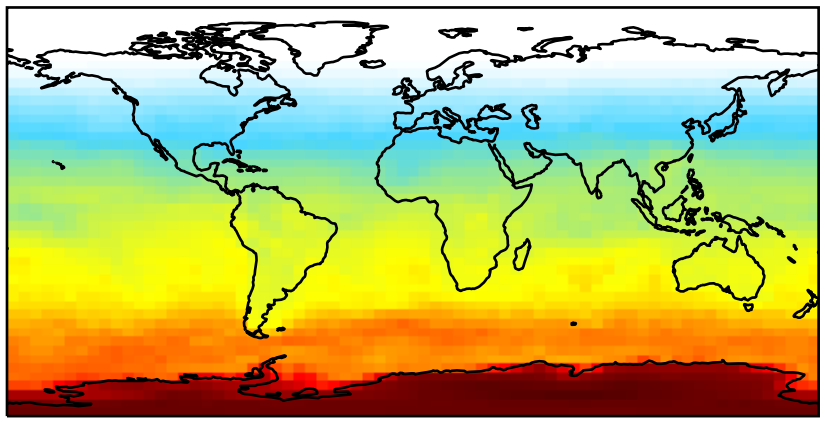


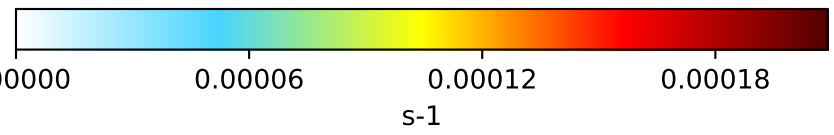
Ratio
Dev/Ref, Fixed Range



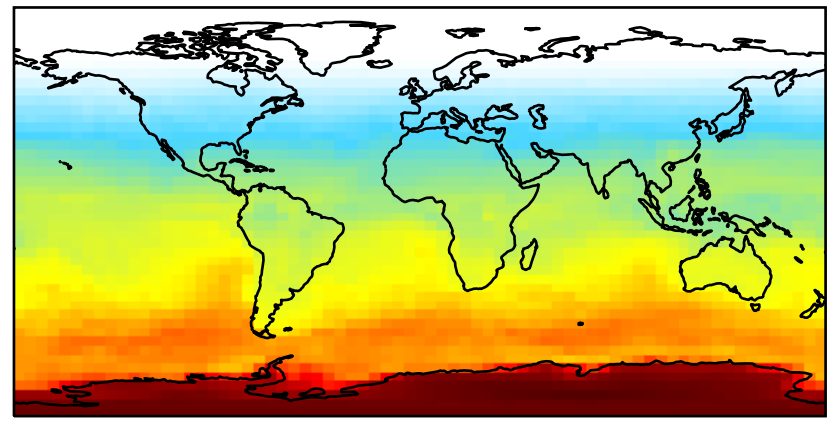
Jval_GLYX (Jan2019)

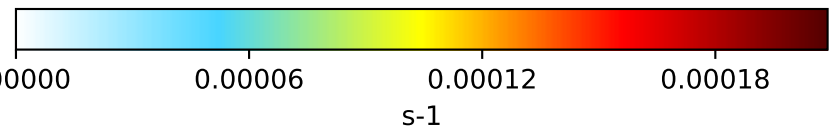
GCC_12.9.0 (Ref)
4.0x5.0



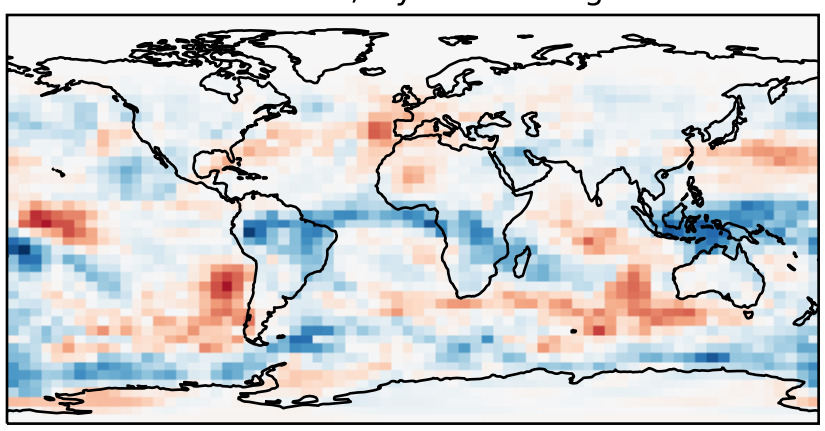


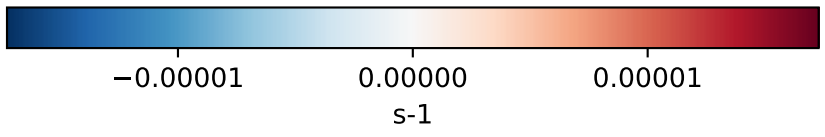
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



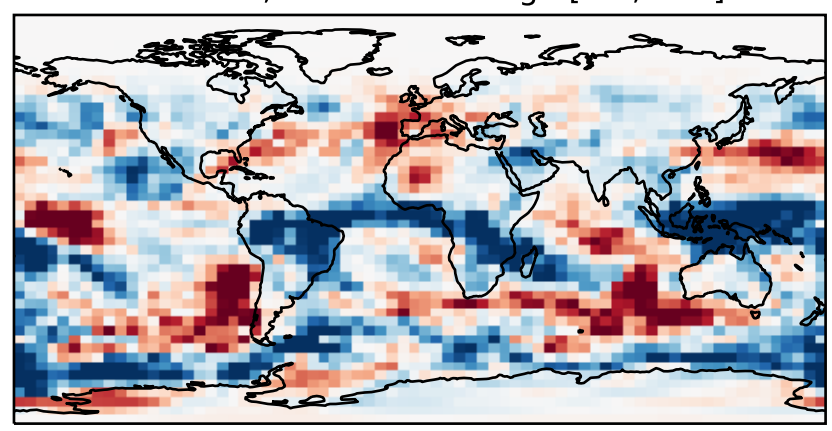


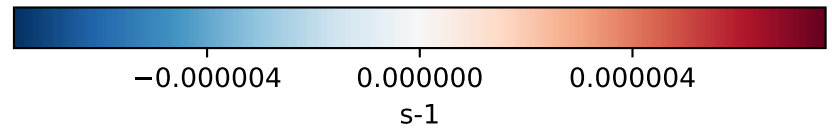
Difference
Dev - Ref, Dynamic Range



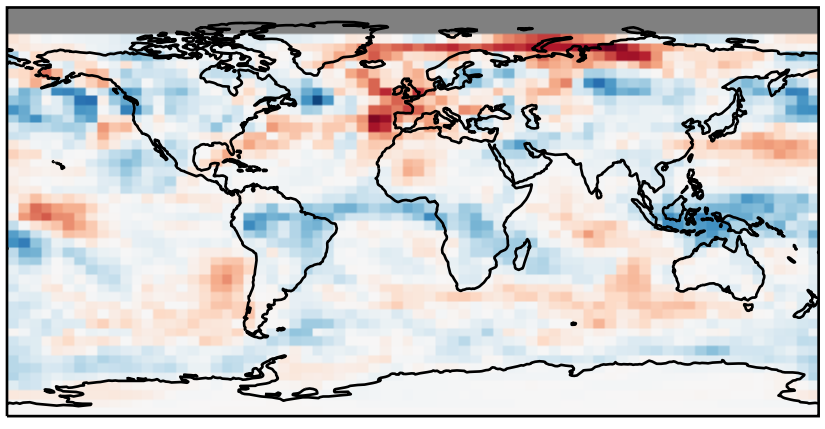


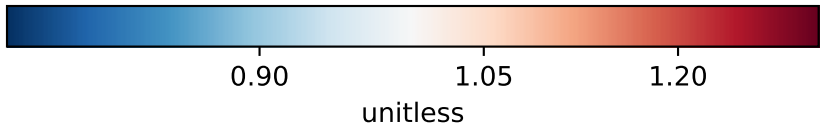
Difference
Dev - Ref, Restricted Range [5%,95%]



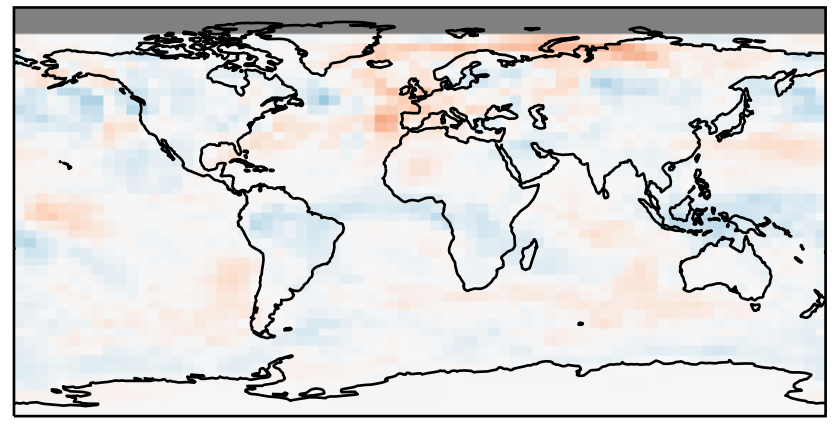


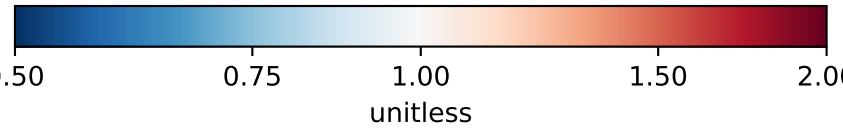
Ratio
Dev/Ref, Dynamic Range





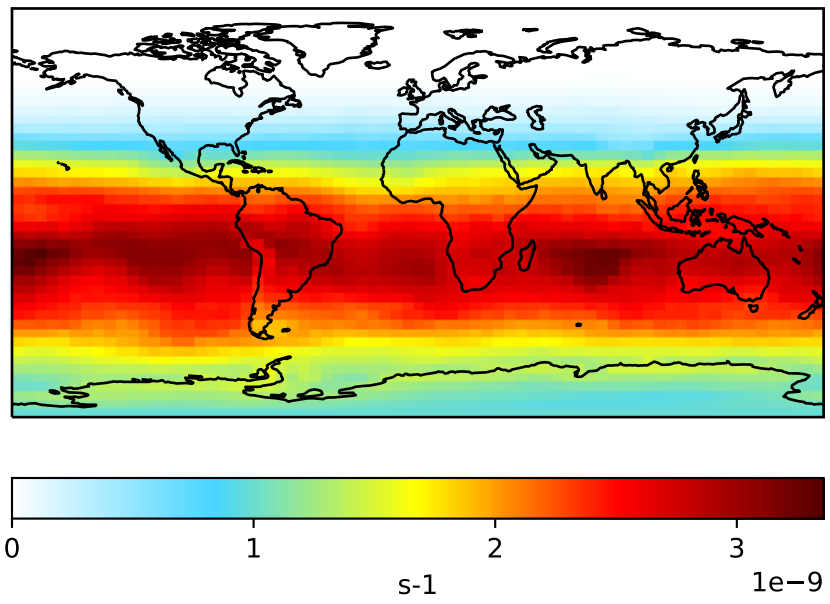
Ratio
Dev/Ref, Fixed Range



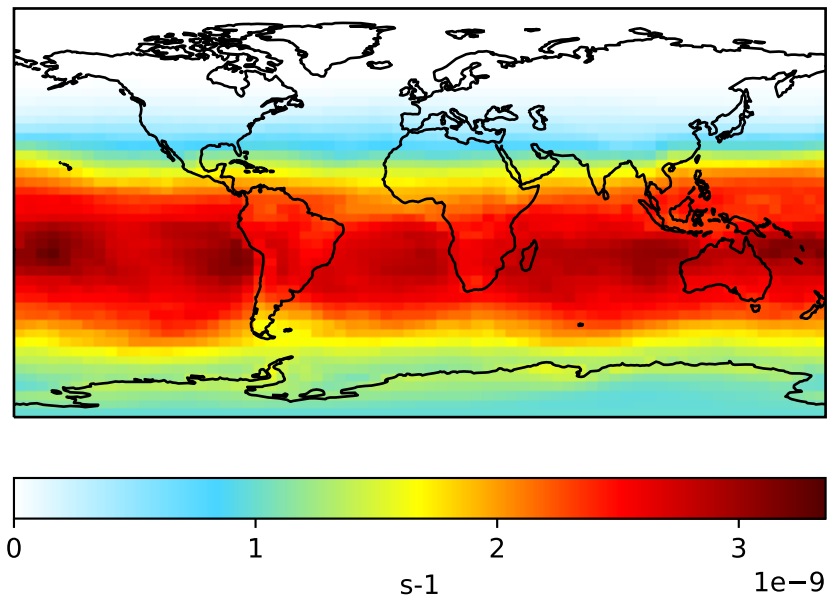


Jval_H1211 (Jan2019)

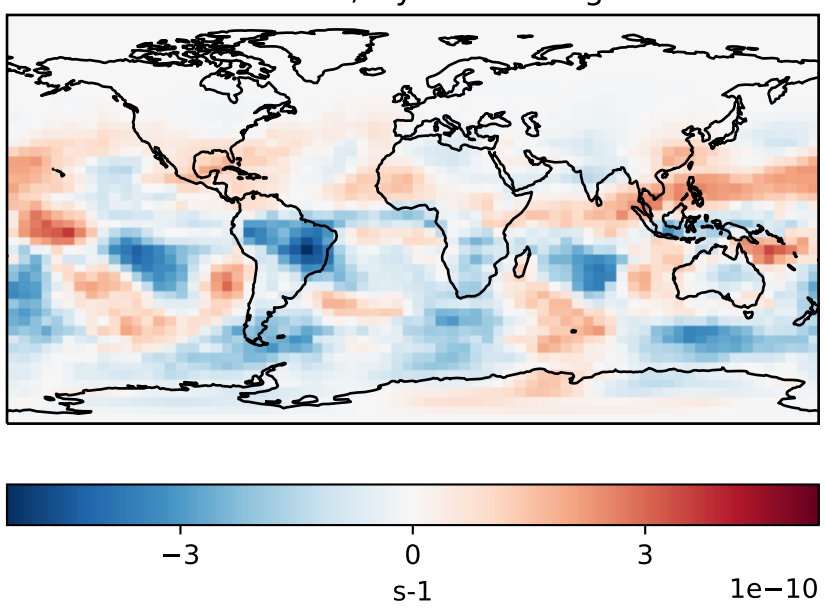
GCC_12.9.0 (Ref)
4.0x5.0



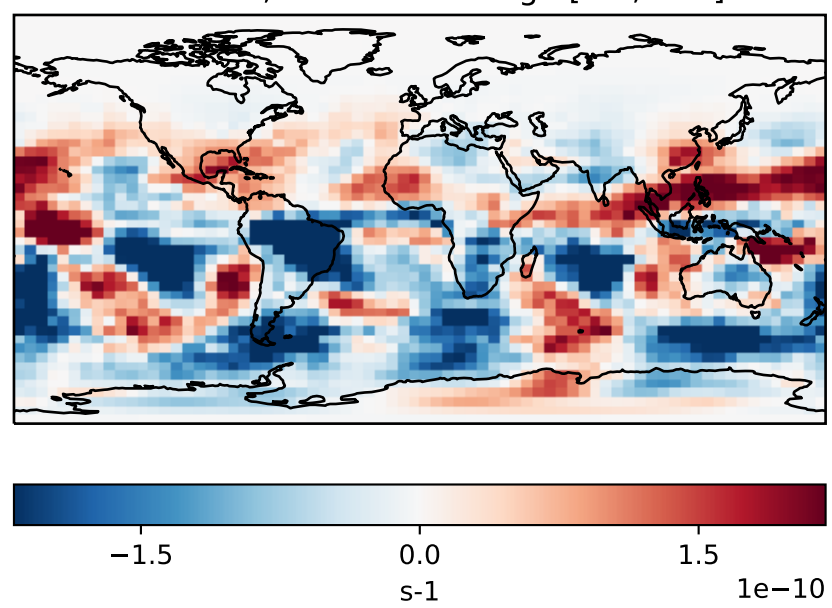
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



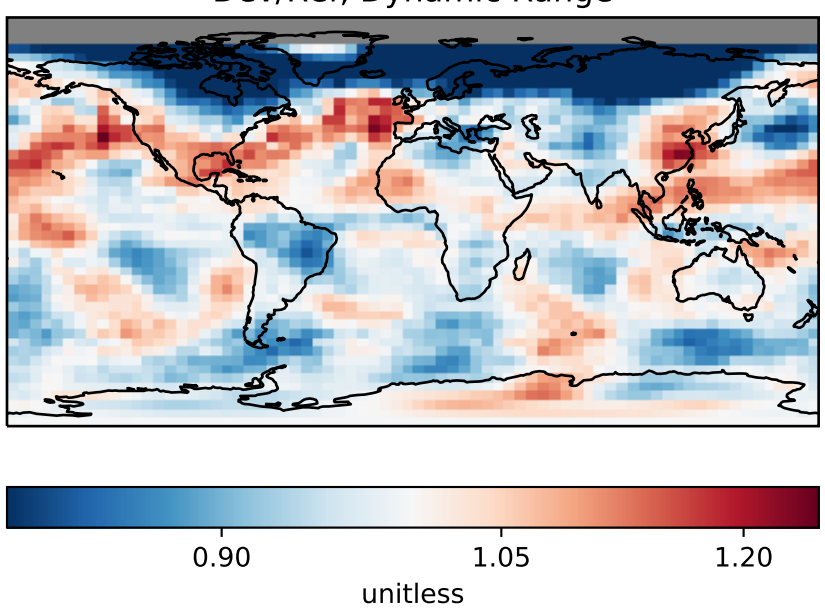
Difference
Dev - Ref, Dynamic Range



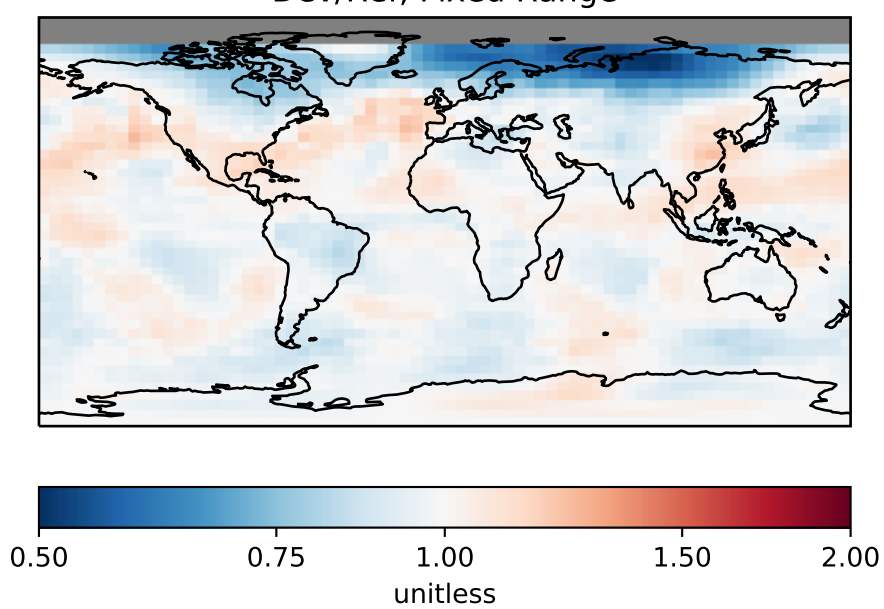
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

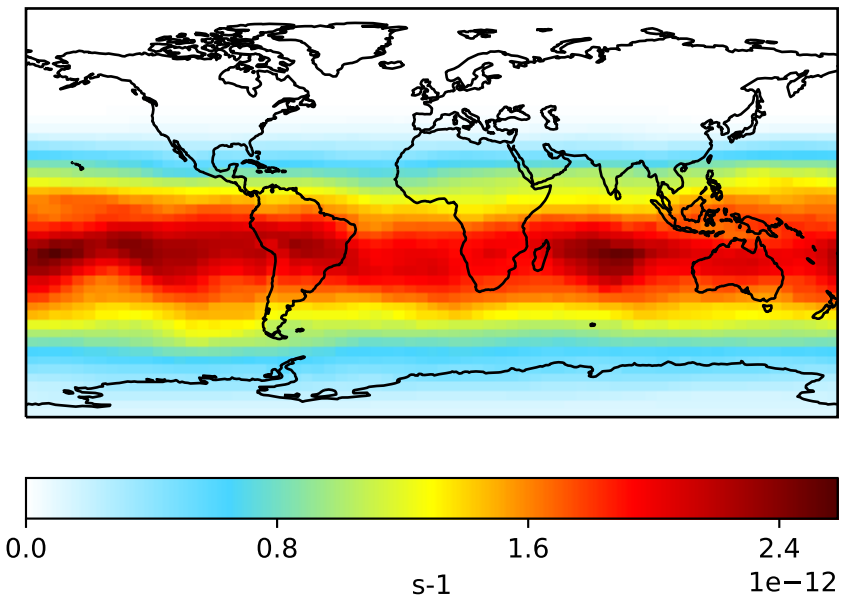


Ratio
Dev/Ref, Fixed Range

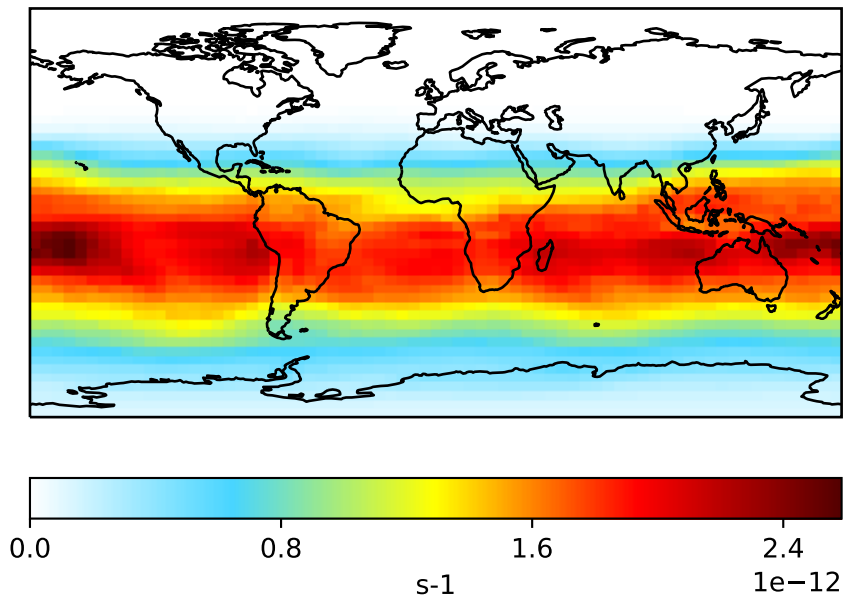


Jval_H1301 (Jan2019)

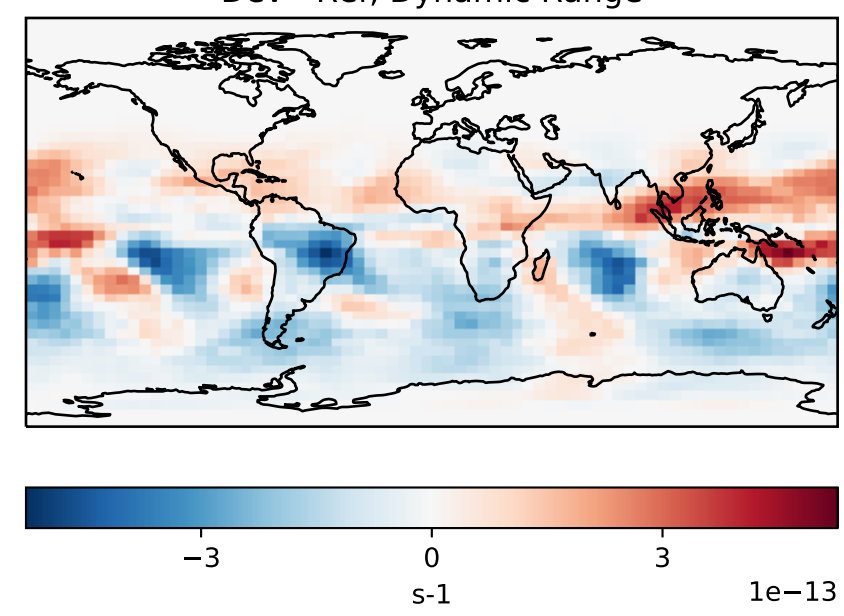
GCC_12.9.0 (Ref)
4.0x5.0



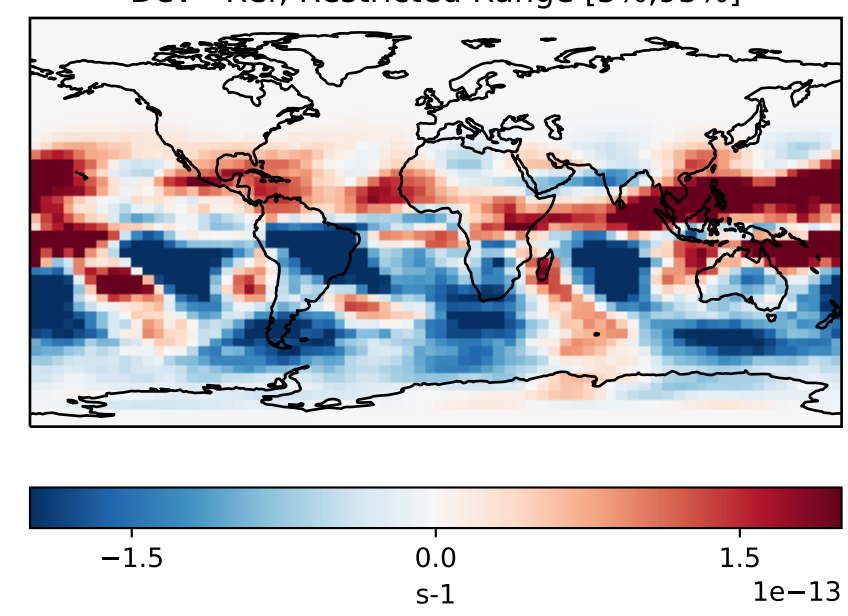
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



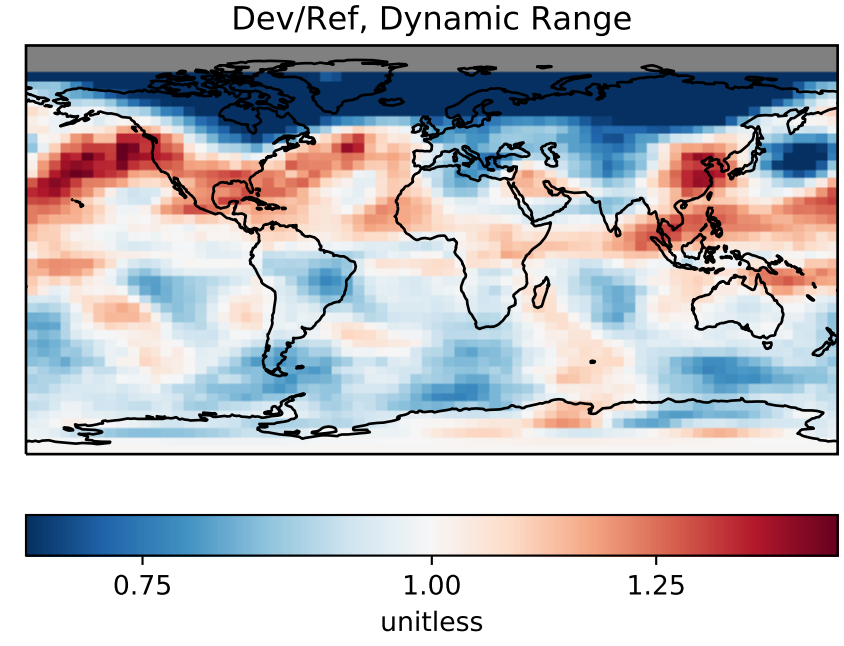
Difference
Dev - Ref, Dynamic Range



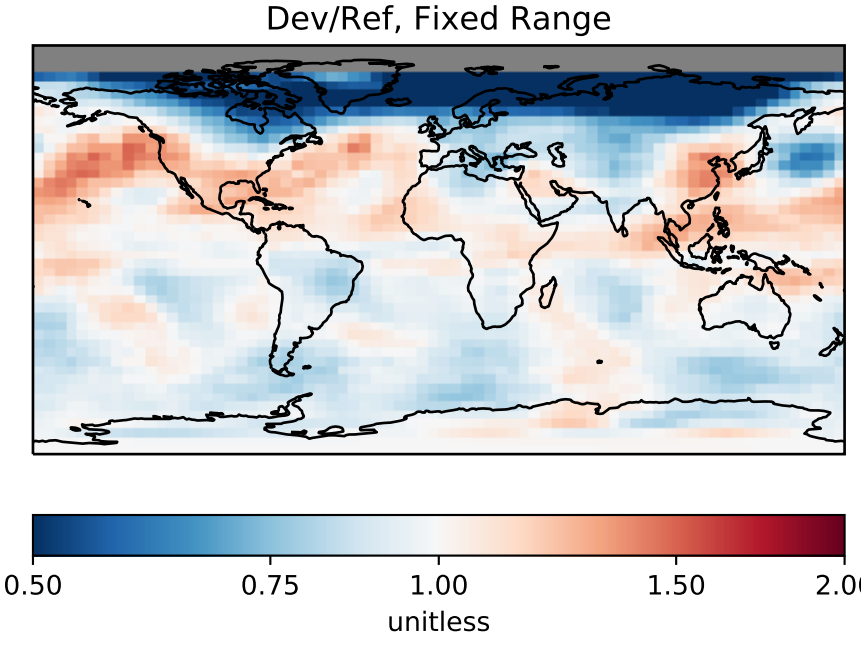
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

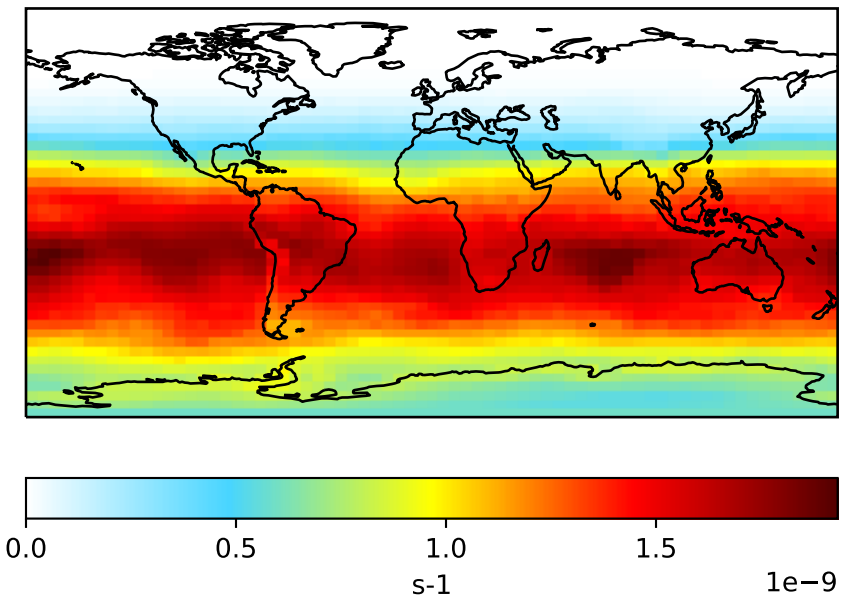


Ratio
Dev/Ref, Fixed Range

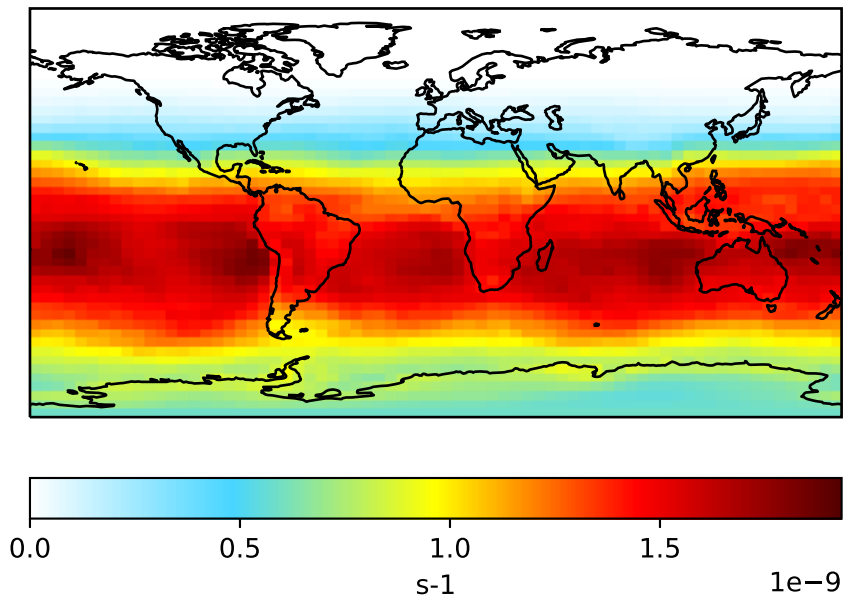


Jval_H2402 (Jan2019)

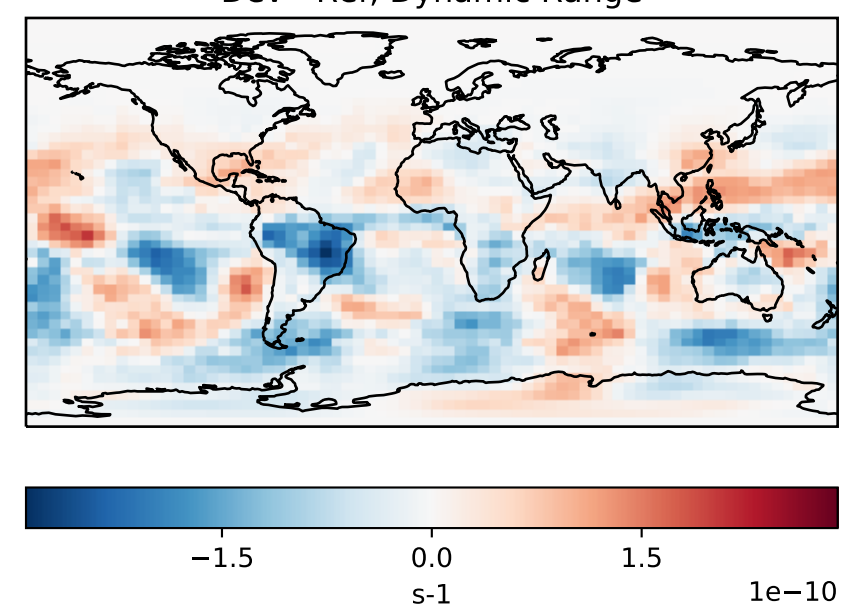
GCC_12.9.0 (Ref)
4.0x5.0



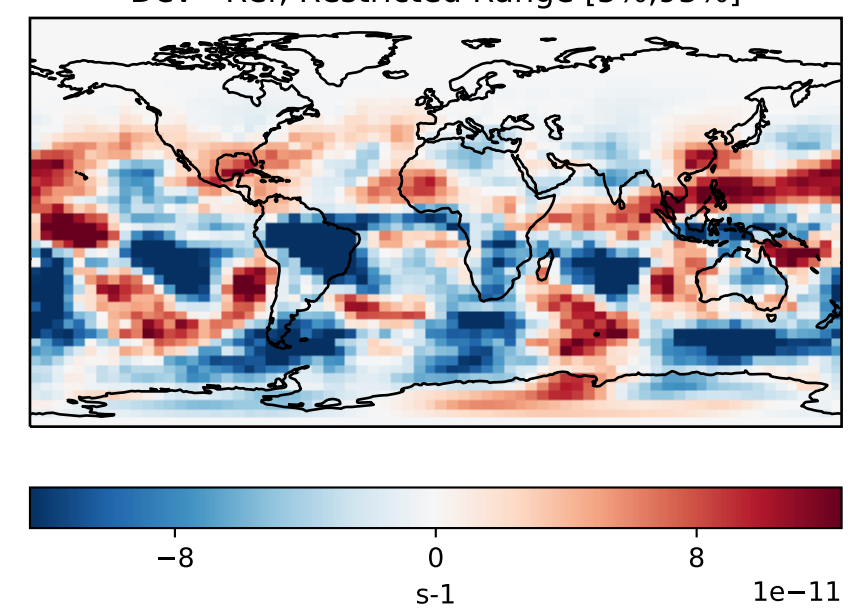
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



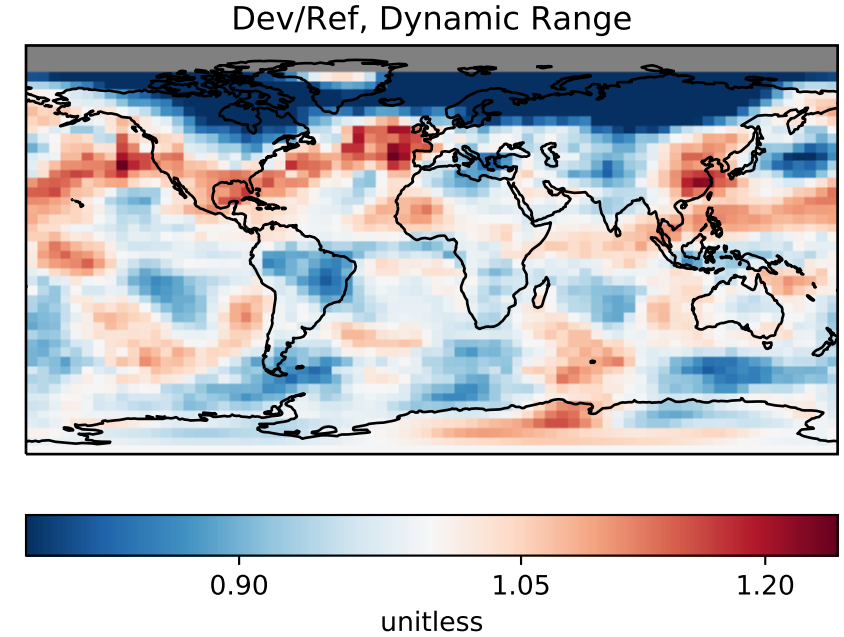
Difference
Dev - Ref, Dynamic Range



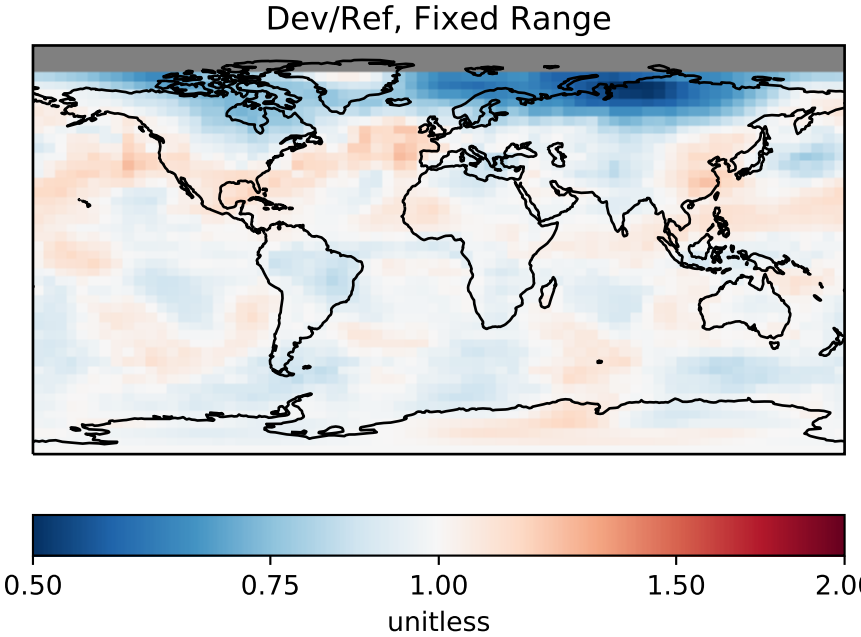
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

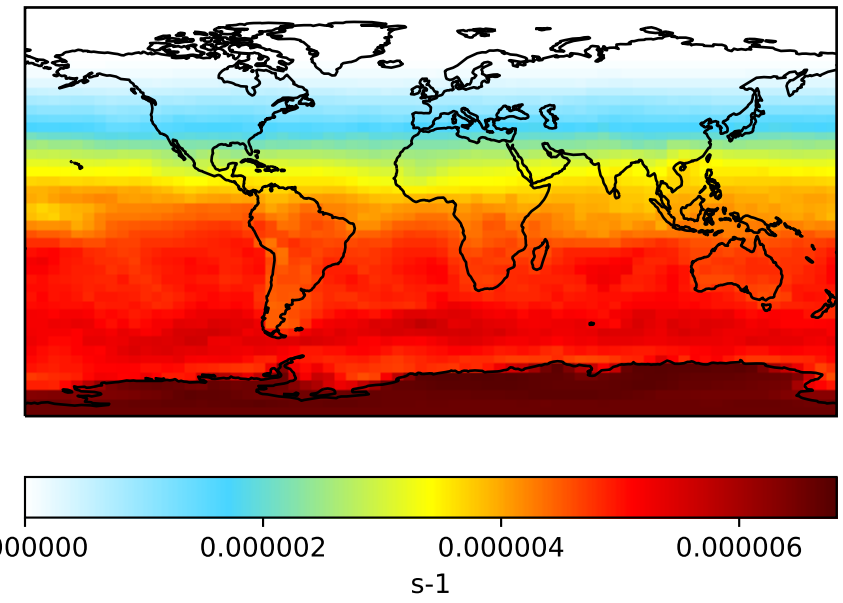


Ratio
Dev/Ref, Fixed Range

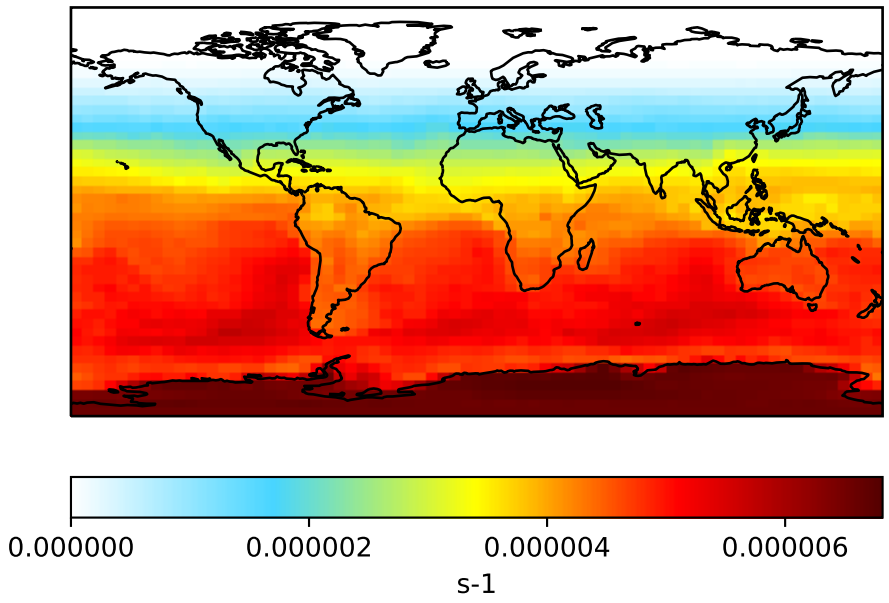


Jval_H2O2 (Jan2019)

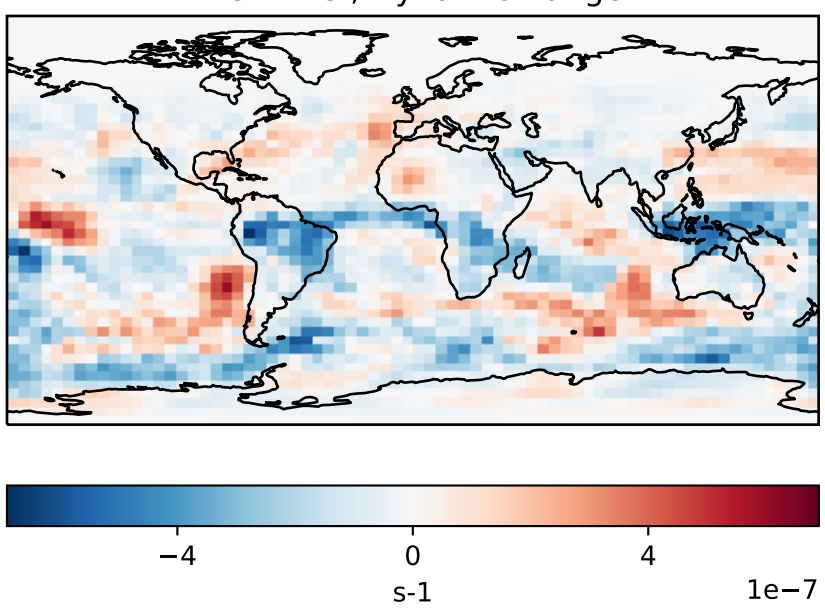
GCC_12.9.0 (Ref)
4.0x5.0



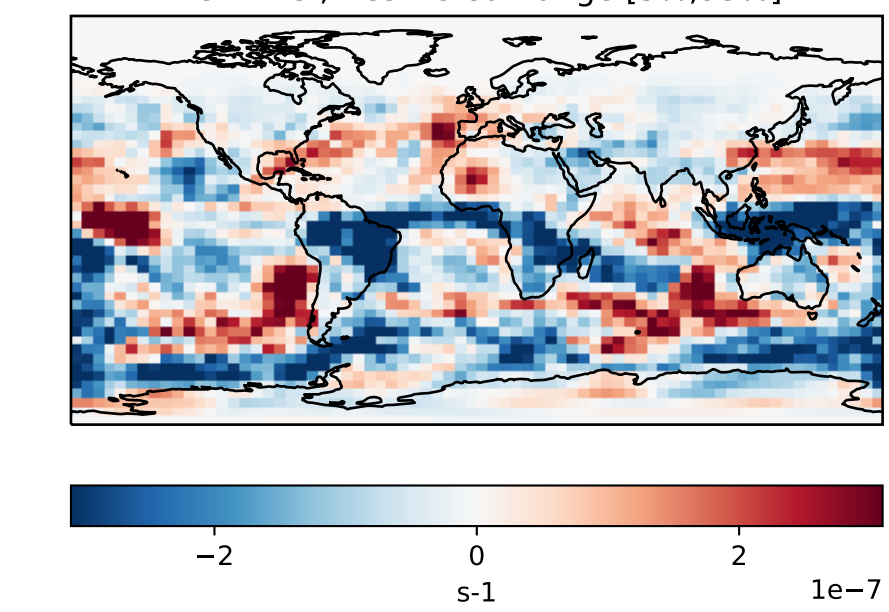
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



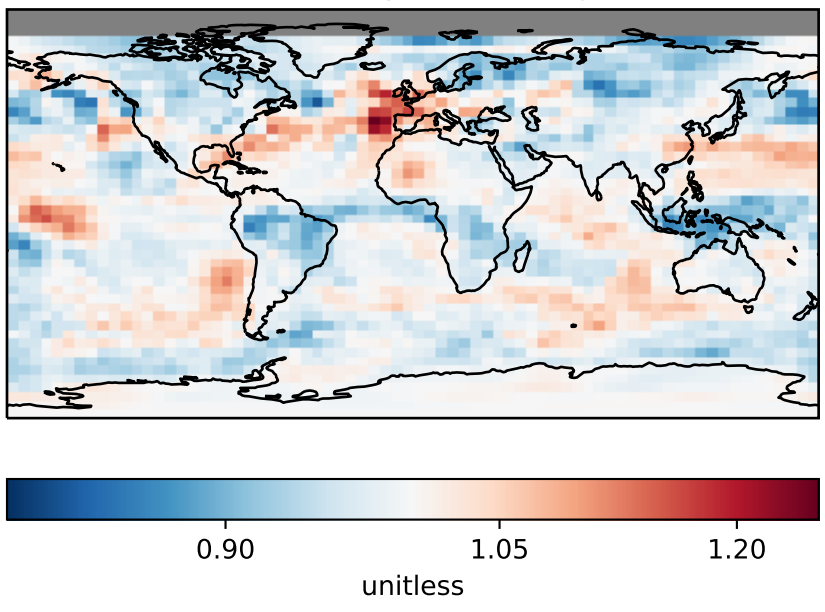
Difference
Dev - Ref, Dynamic Range



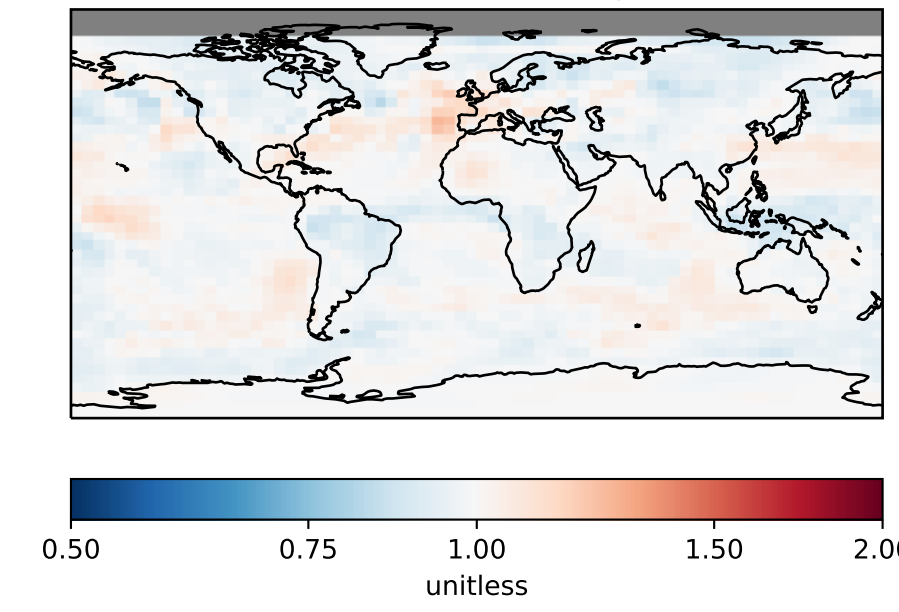
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

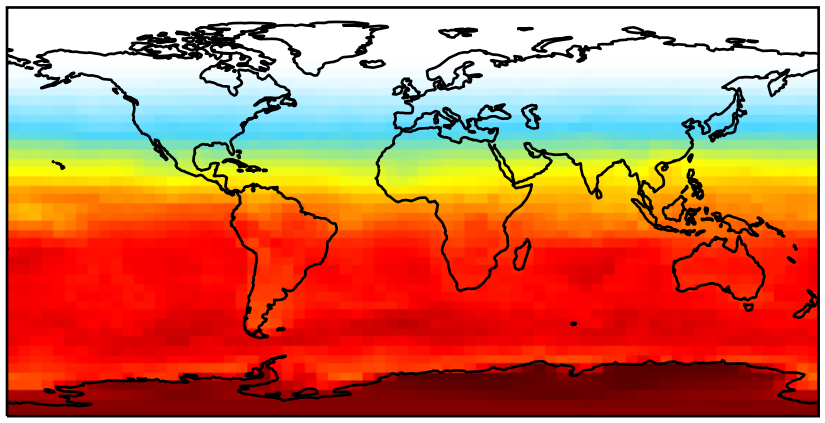


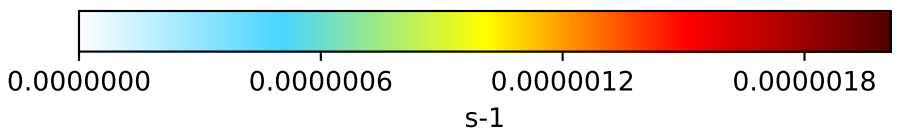
Ratio
Dev/Ref, Fixed Range



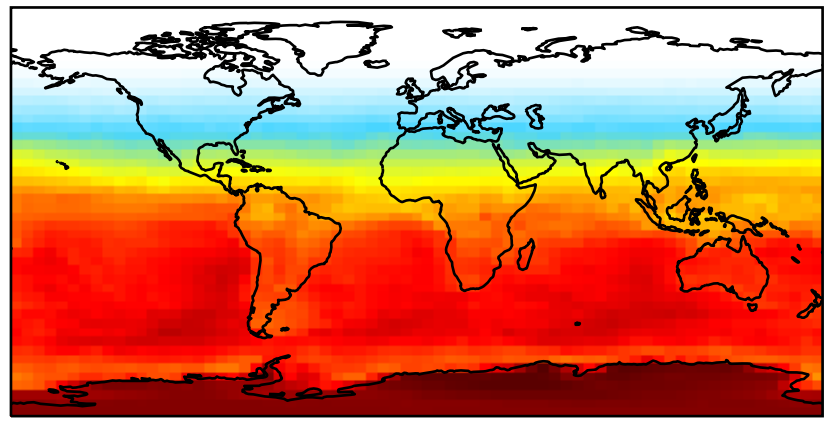
Jval_HAC (Jan2019)

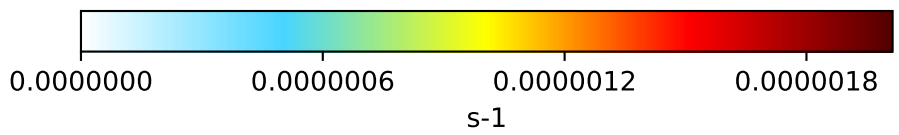
GCC_12.9.0 (Ref)
4.0x5.0



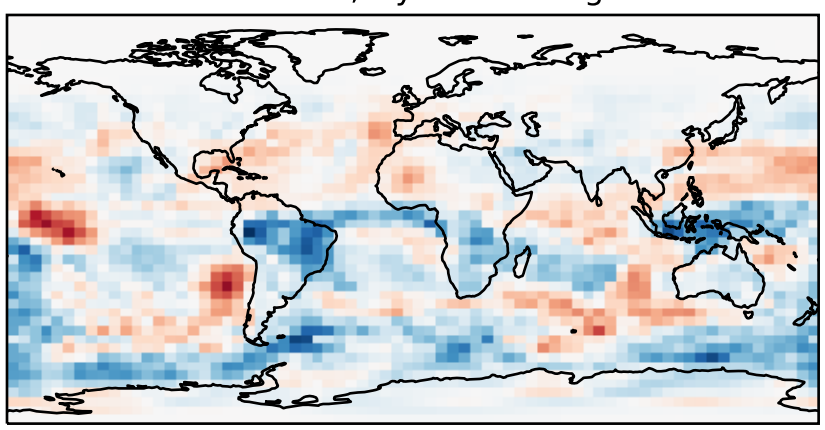


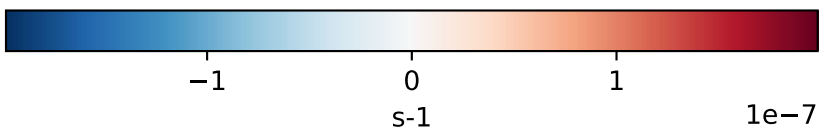
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



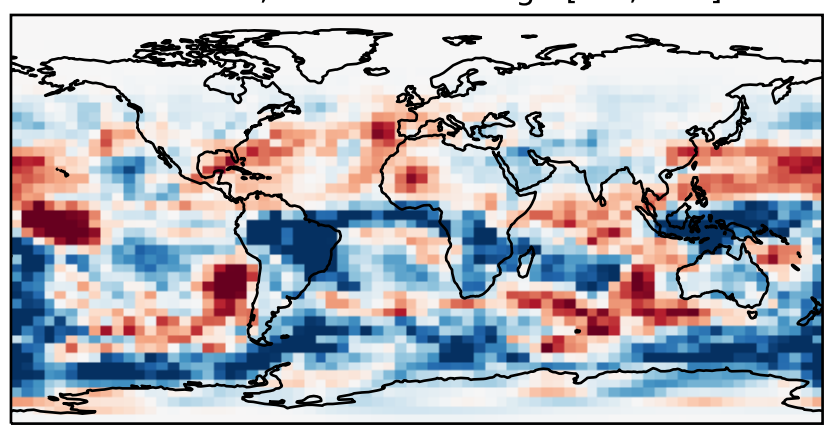


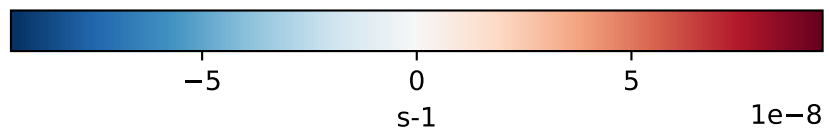
Difference
Dev - Ref, Dynamic Range



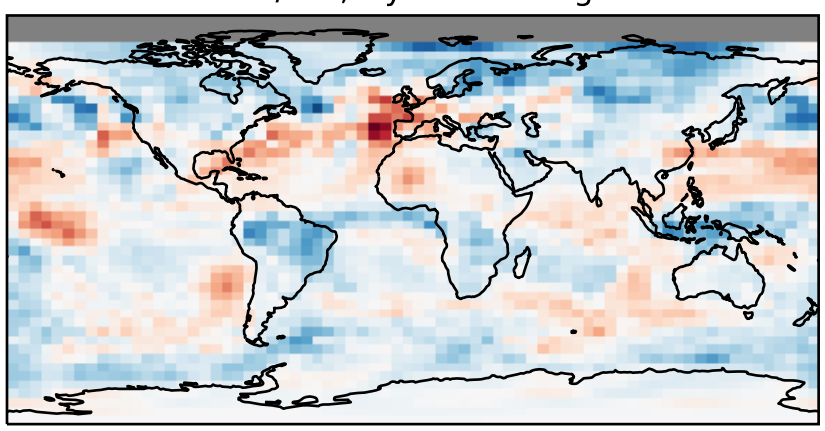


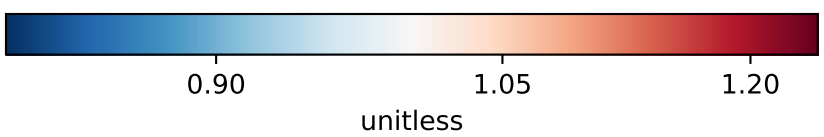
Difference
Dev - Ref, Restricted Range [5%,95%]



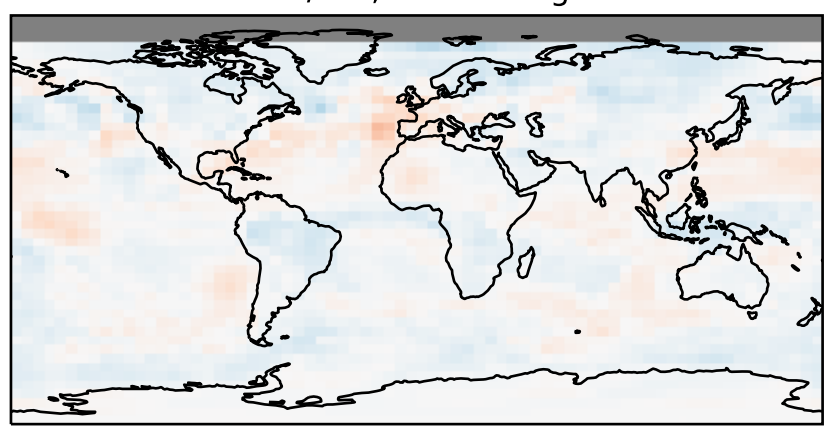


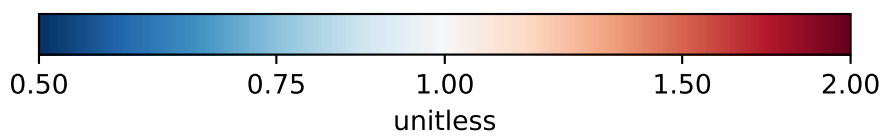
Ratio
Dev/Ref, Dynamic Range





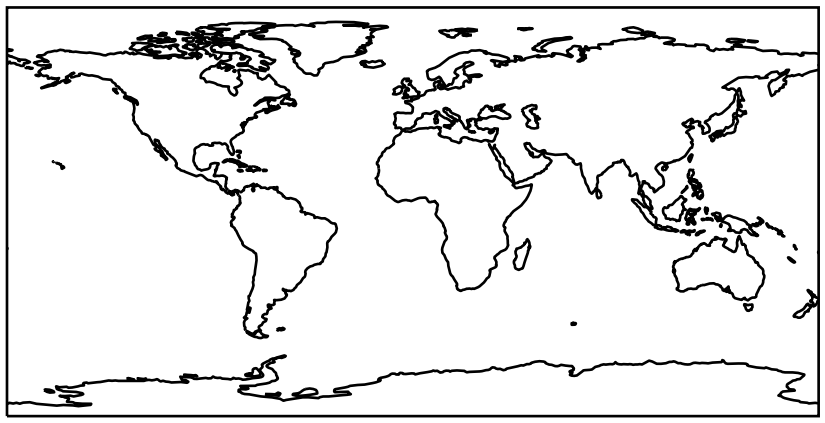
Ratio
Dev/Ref, Fixed Range





Jval_HC5A (Jan2019)

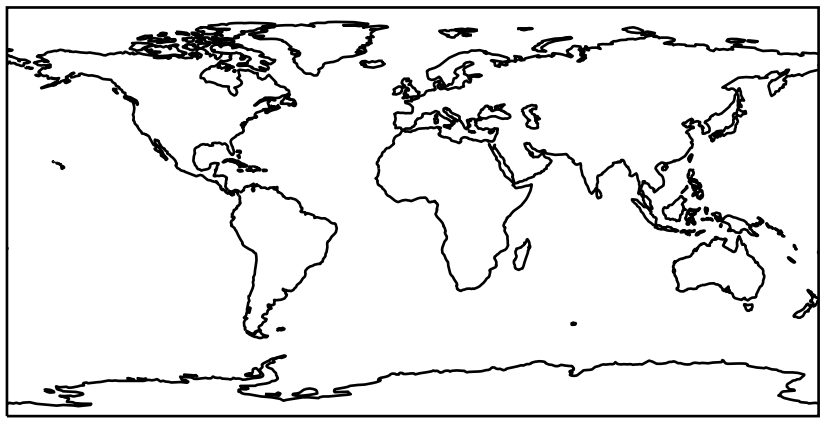
GCC_12.9.0 (Ref)
4.0x5.0





Zero throughout domain
s-1

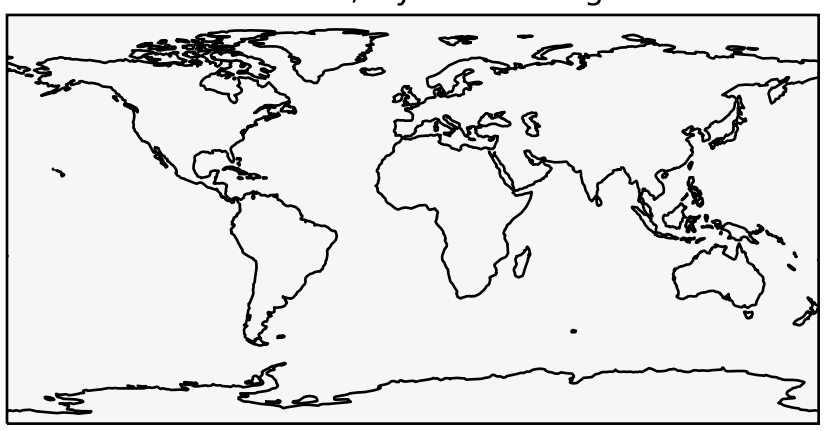
GCC_13.0.0-beta.1 (Dev)
4.0x5.0





Zero throughout domain
s-1

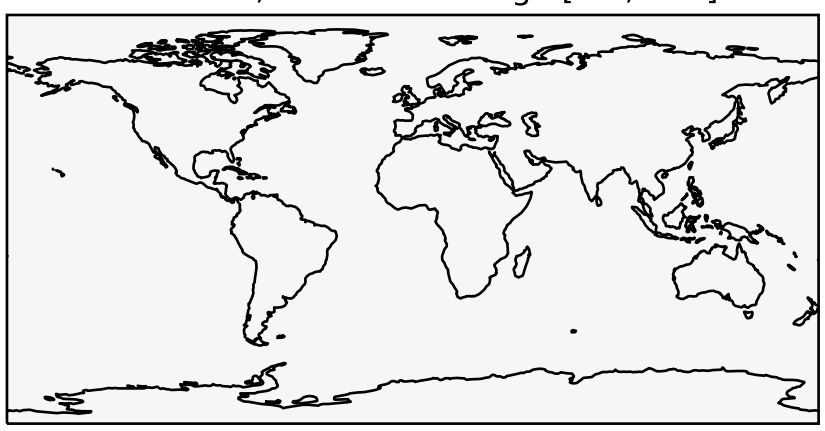
Difference
Dev - Ref, Dynamic Range





Zero throughout domain
s-1

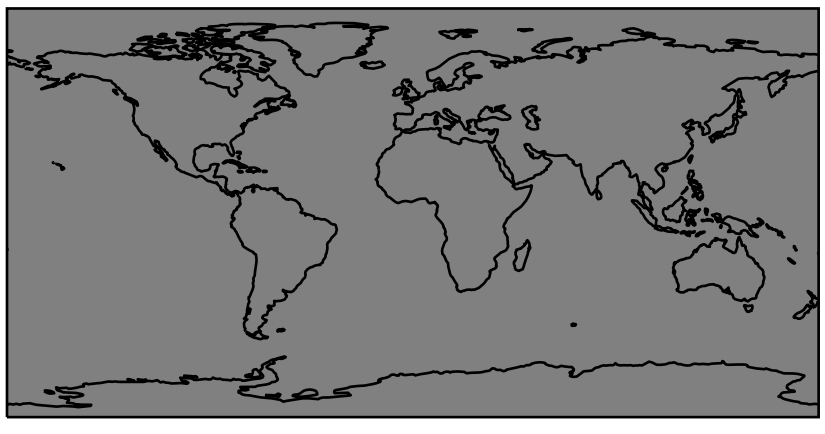
Difference
Dev - Ref, Restricted Range [5%,95%]





Zero throughout domain
s-1

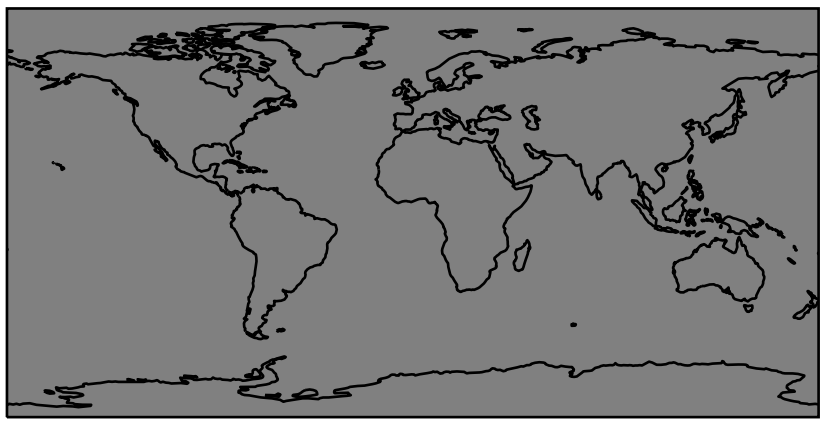
Ratio
Dev/Ref, Dynamic Range





Undefined throughout domain
unitless

Ratio
Dev/Ref, Fixed Range

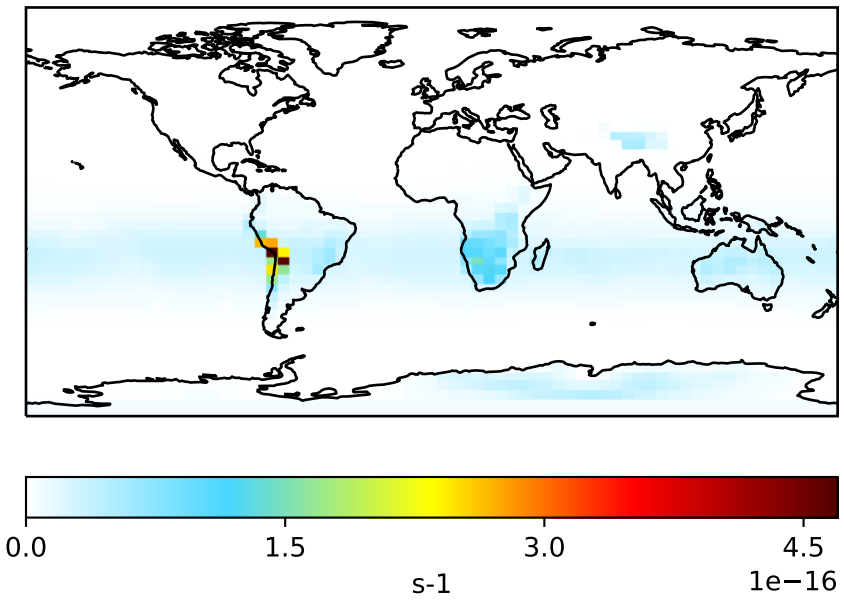




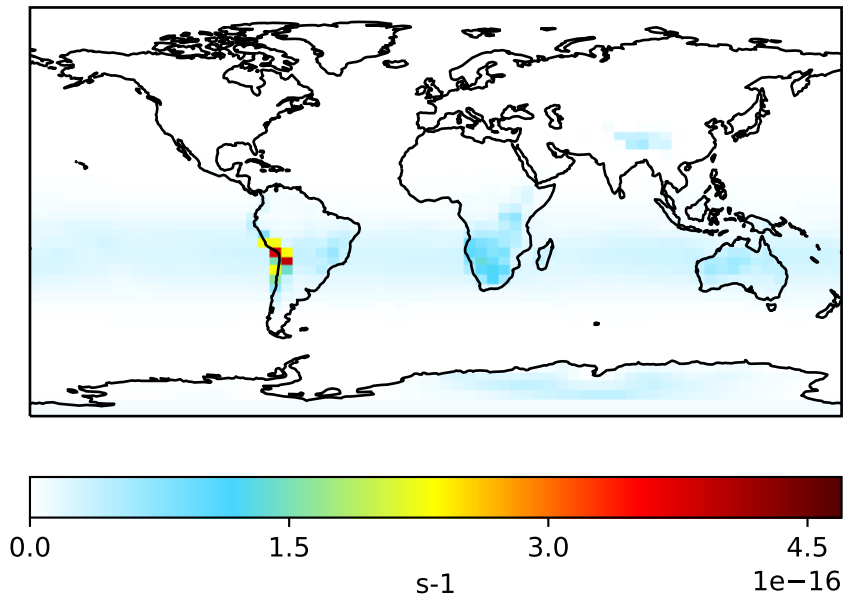
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Jval_HCFC123 (Jan2019)

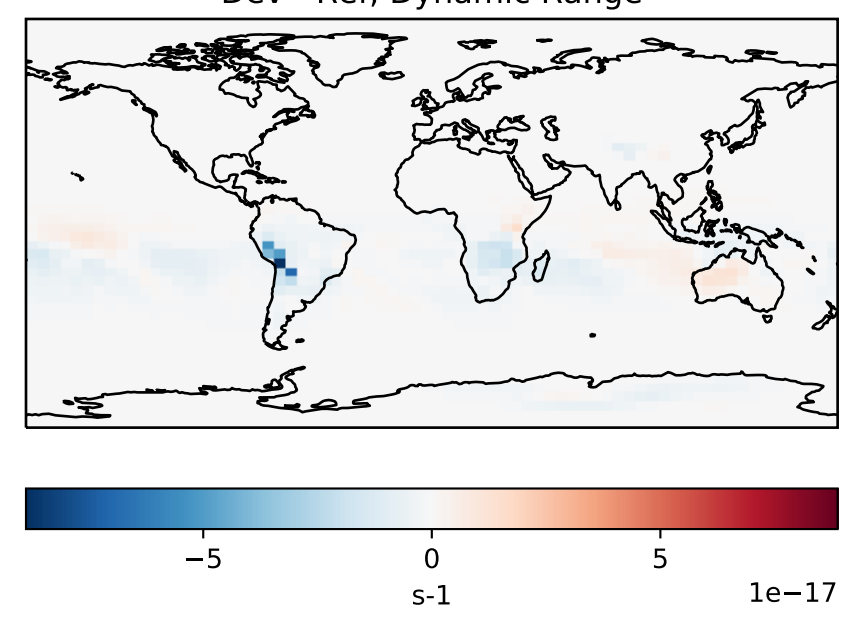
GCC_12.9.0 (Ref)
4.0x5.0



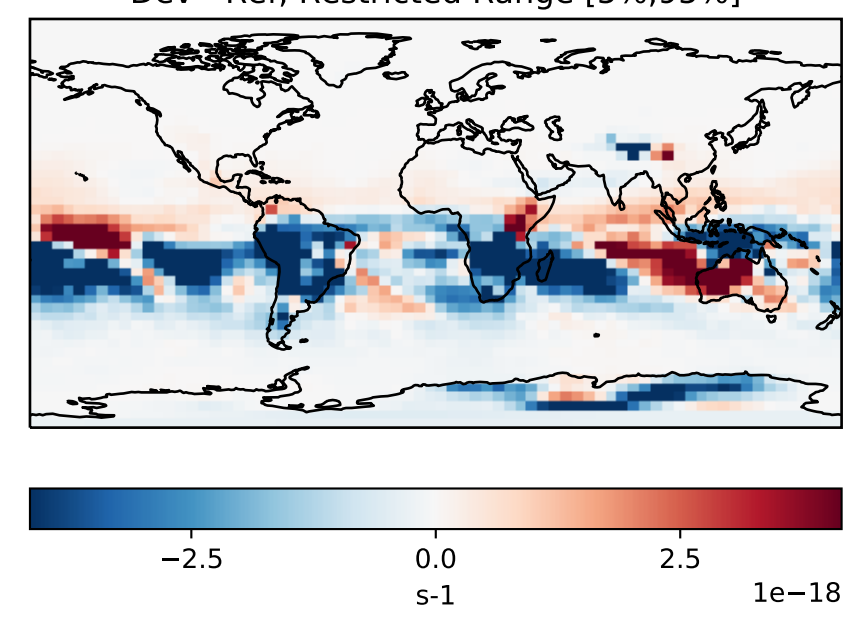
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



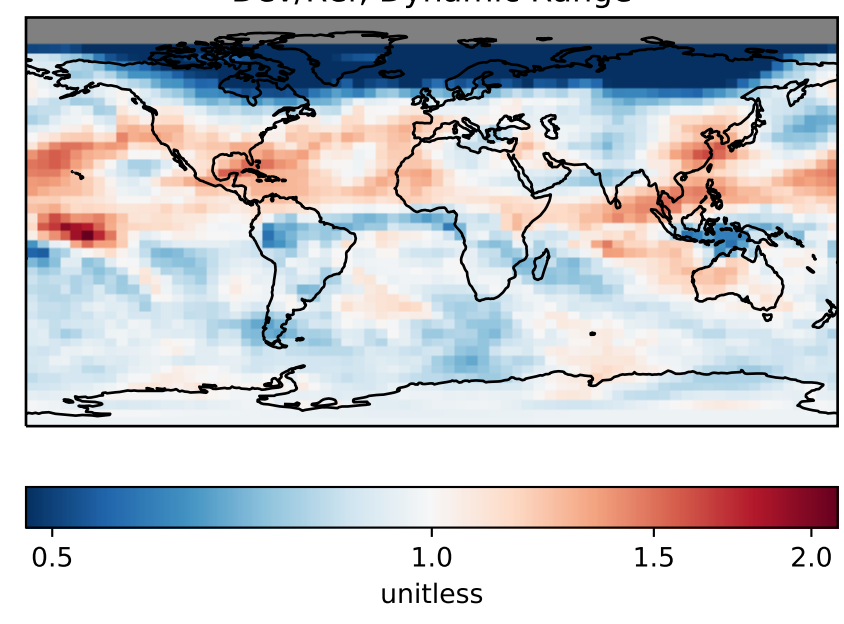
Difference
Dev - Ref, Dynamic Range



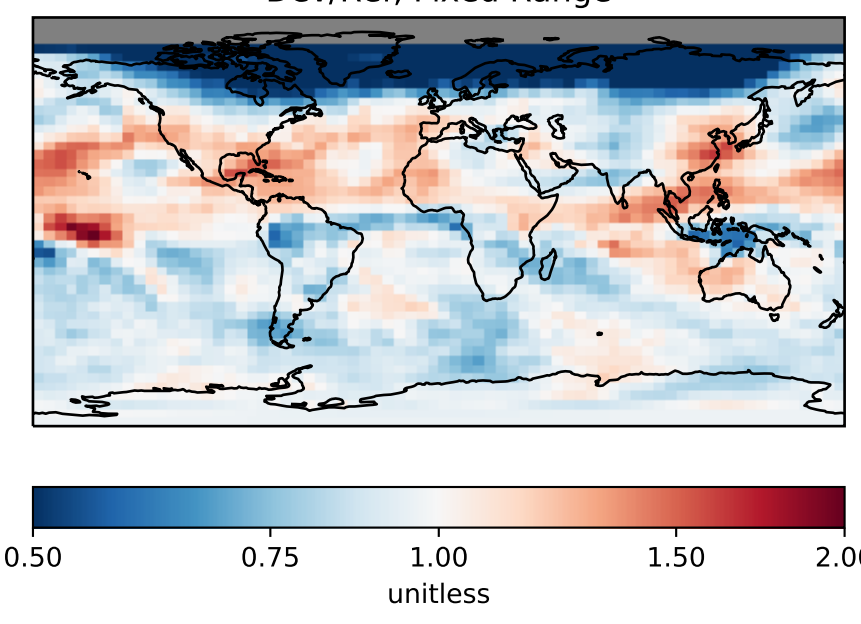
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

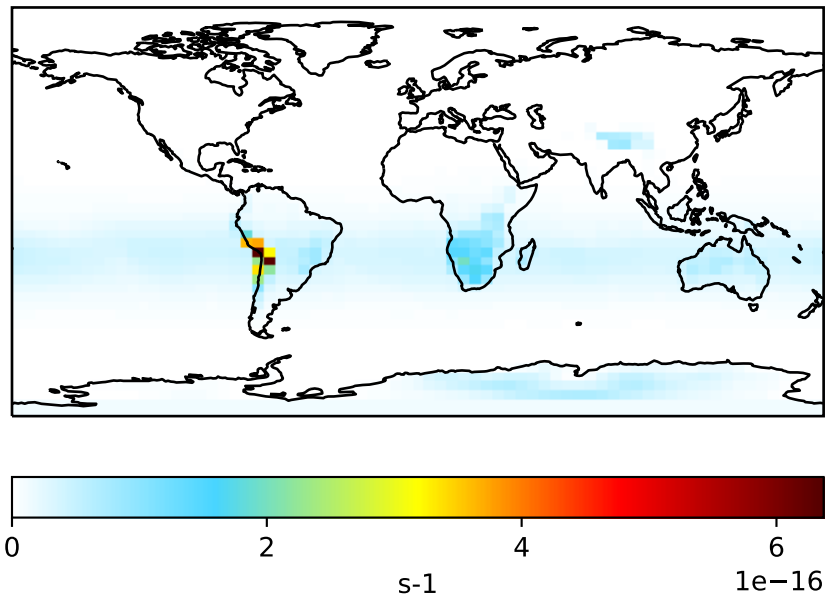


Ratio
Dev/Ref, Fixed Range

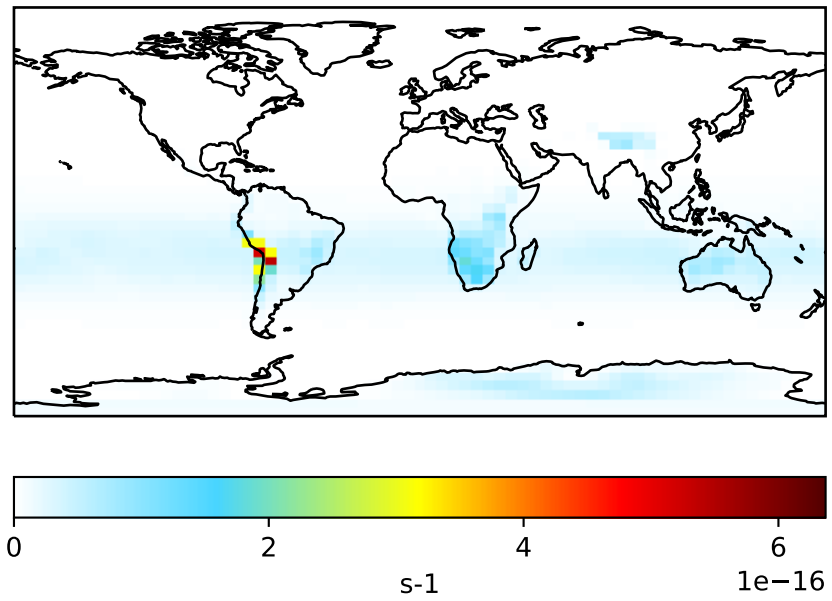


Jval_HCFC141b (Jan2019)

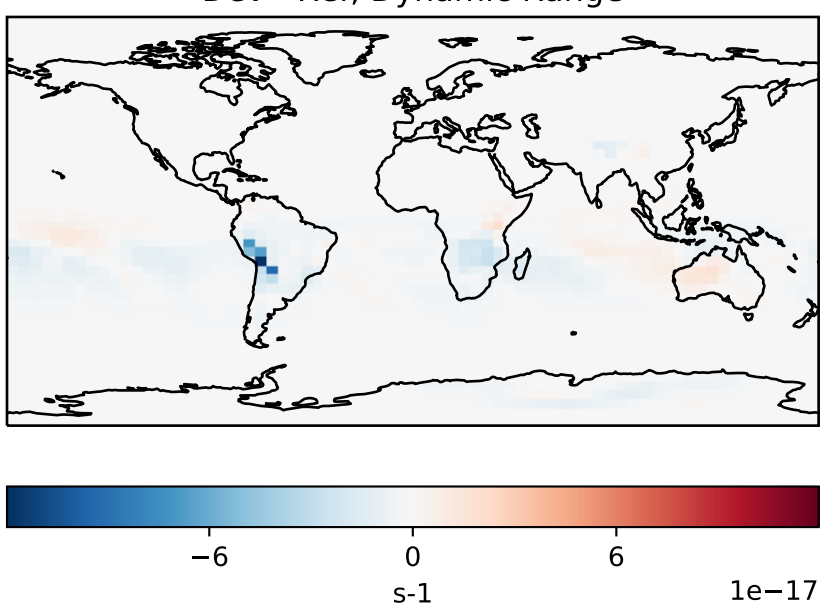
GCC_12.9.0 (Ref)
4.0x5.0



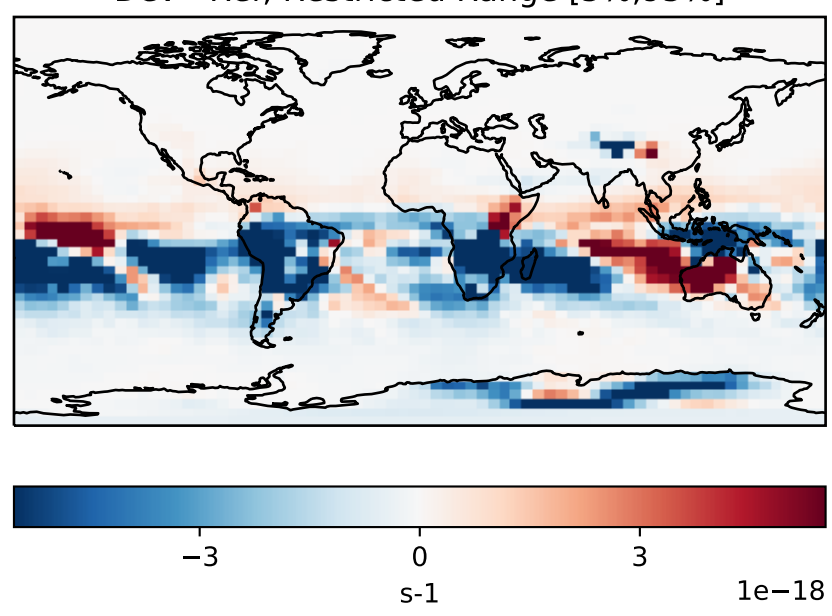
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



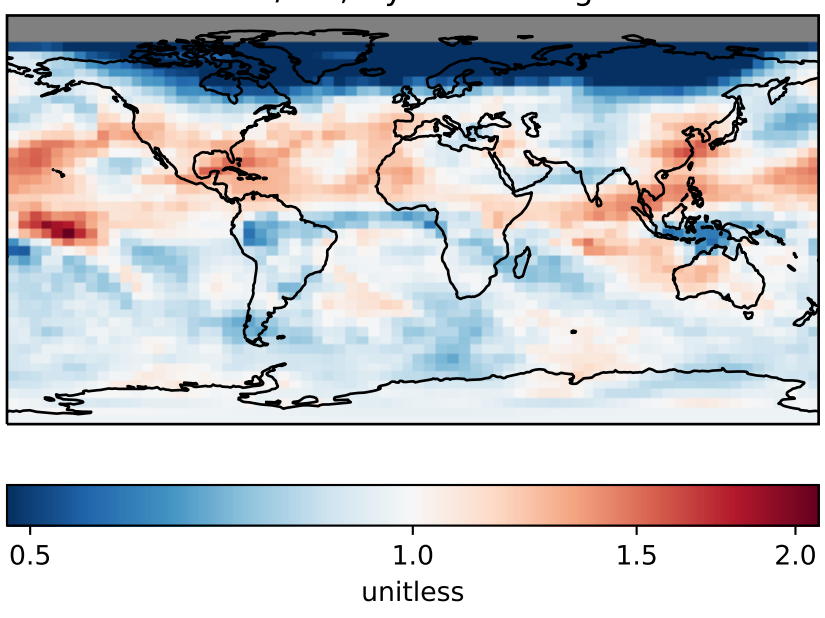
Difference
Dev - Ref, Dynamic Range



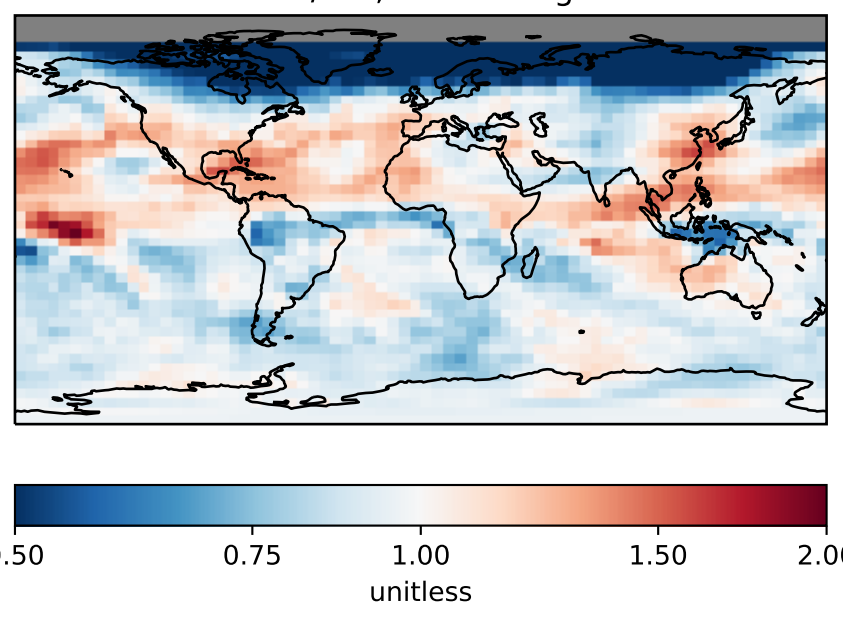
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

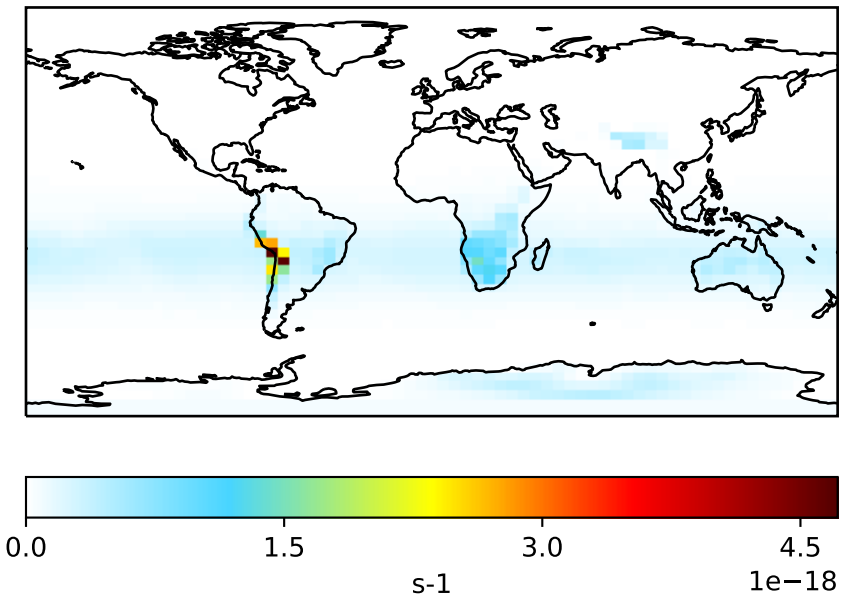


Ratio
Dev/Ref, Fixed Range

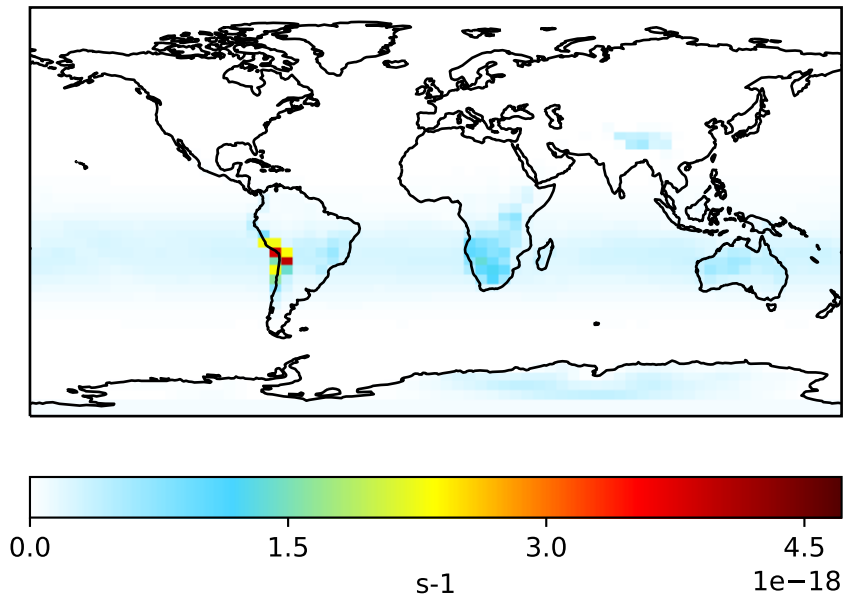


Jval_HCFC142b (Jan2019)

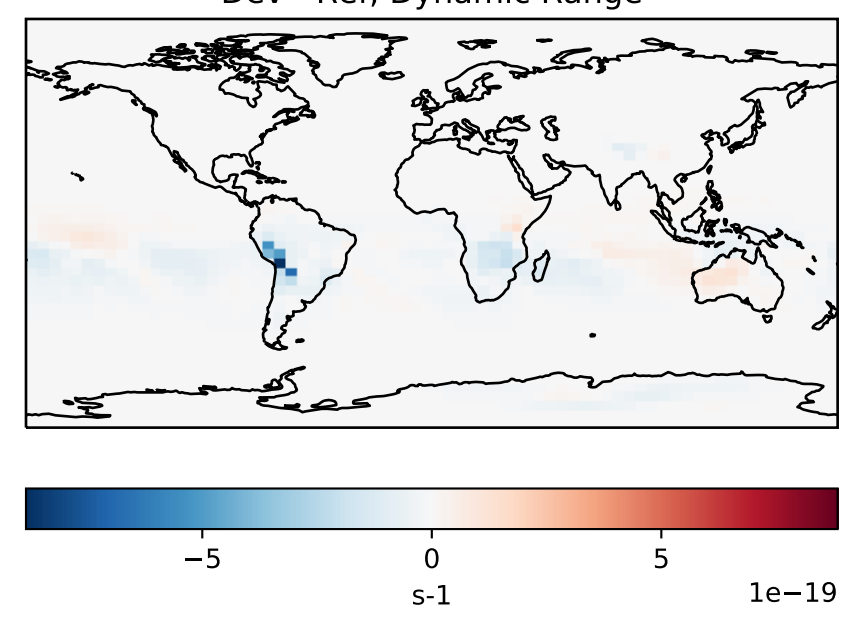
GCC_12.9.0 (Ref)
4.0x5.0



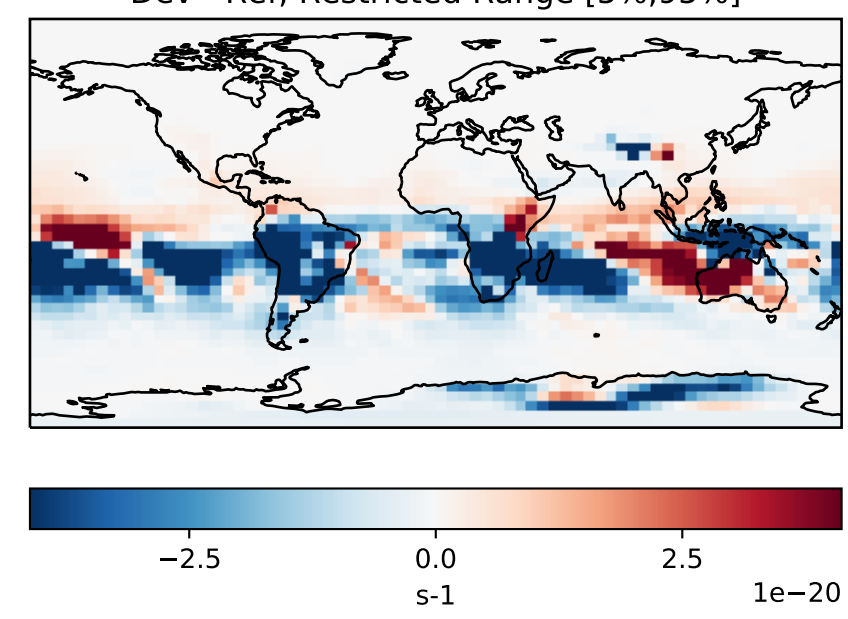
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



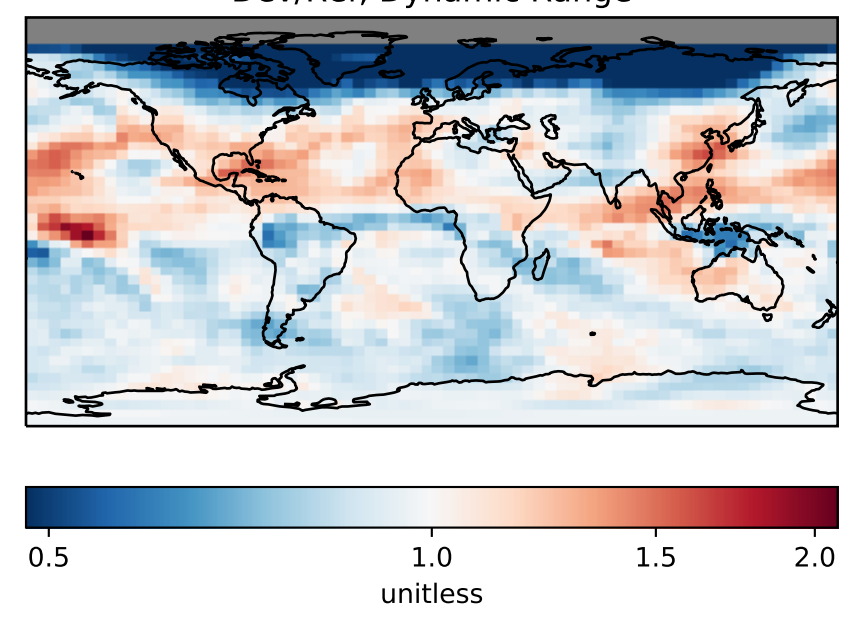
Difference
Dev - Ref, Dynamic Range



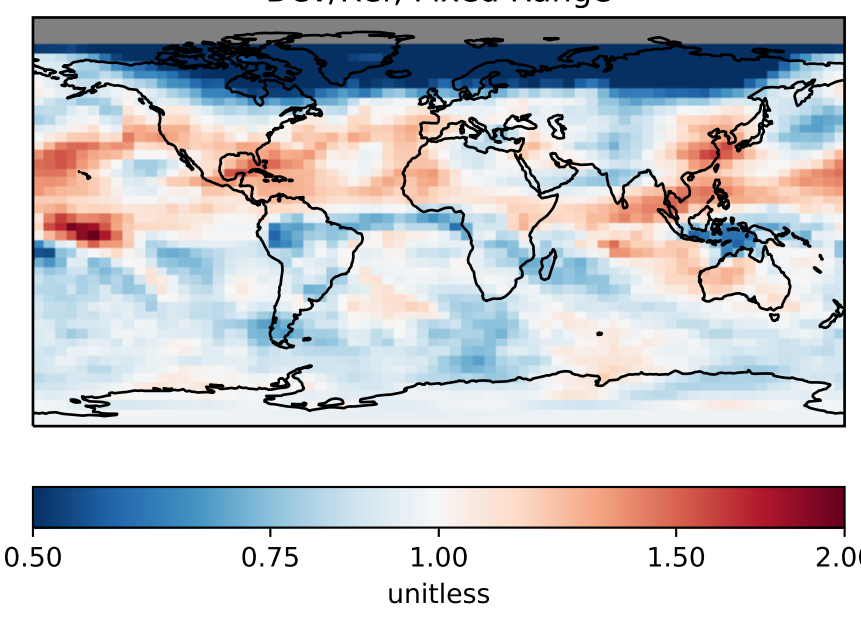
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

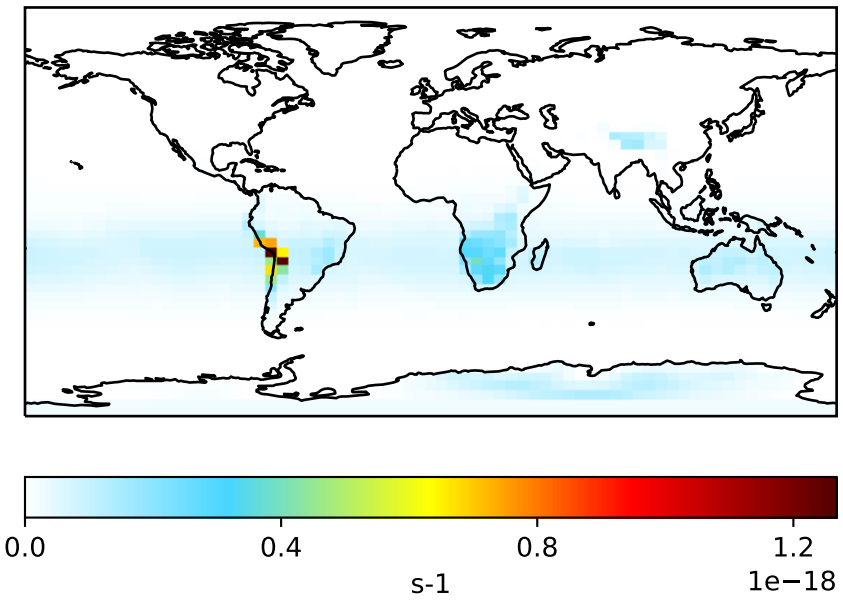


Ratio
Dev/Ref, Fixed Range

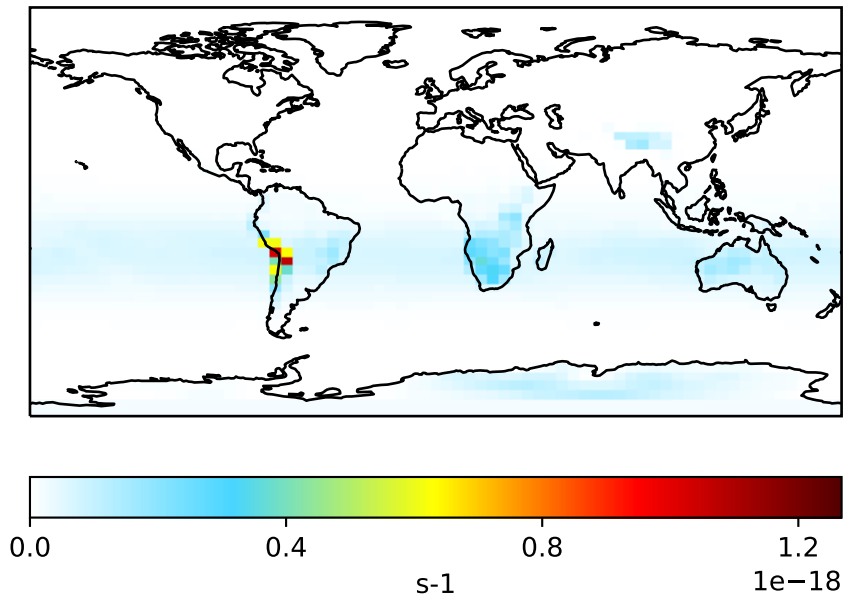


Jval_HCFC22 (Jan2019)

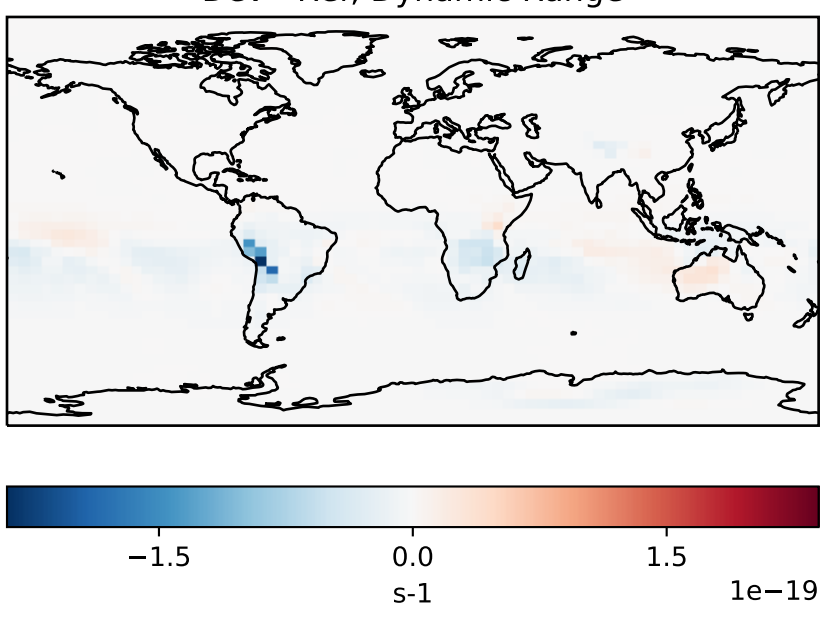
GCC_12.9.0 (Ref)
4.0x5.0



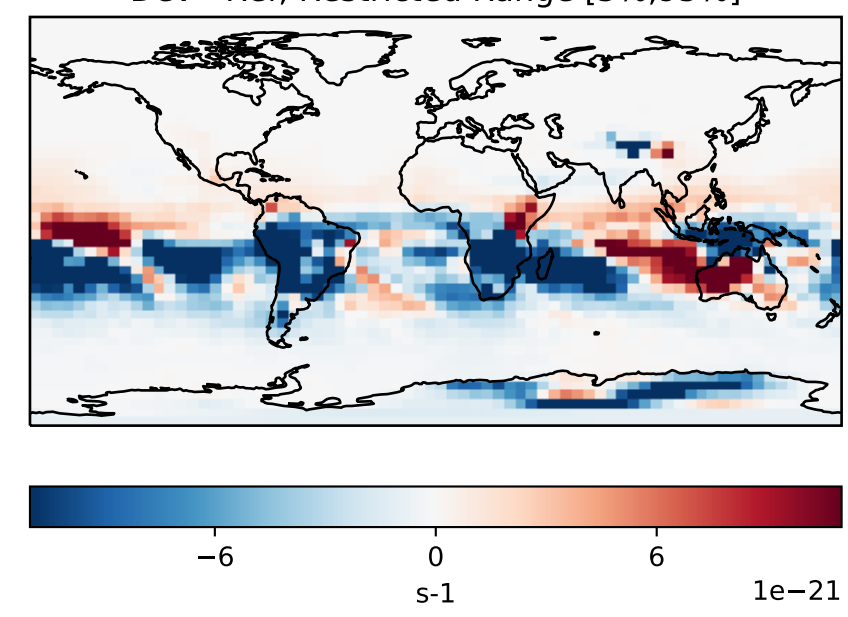
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



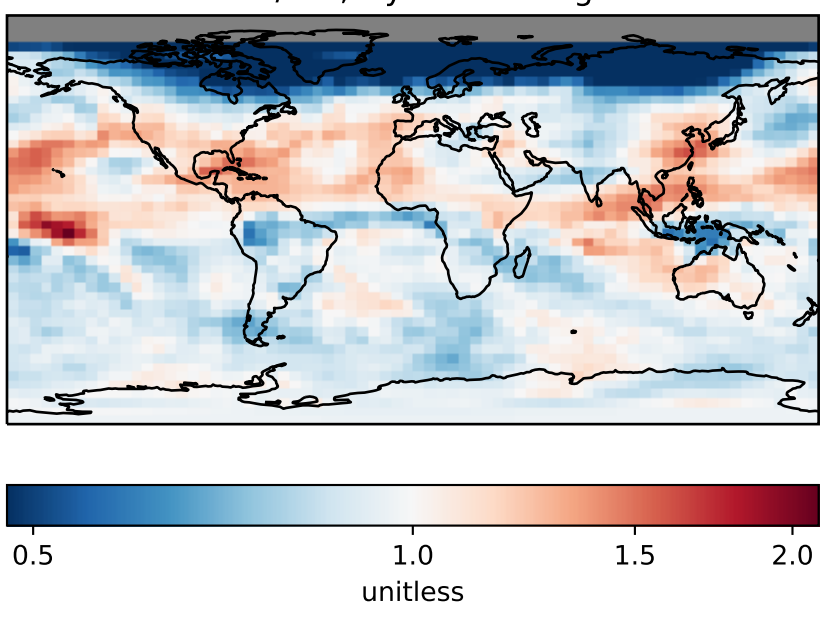
Difference
Dev - Ref, Dynamic Range



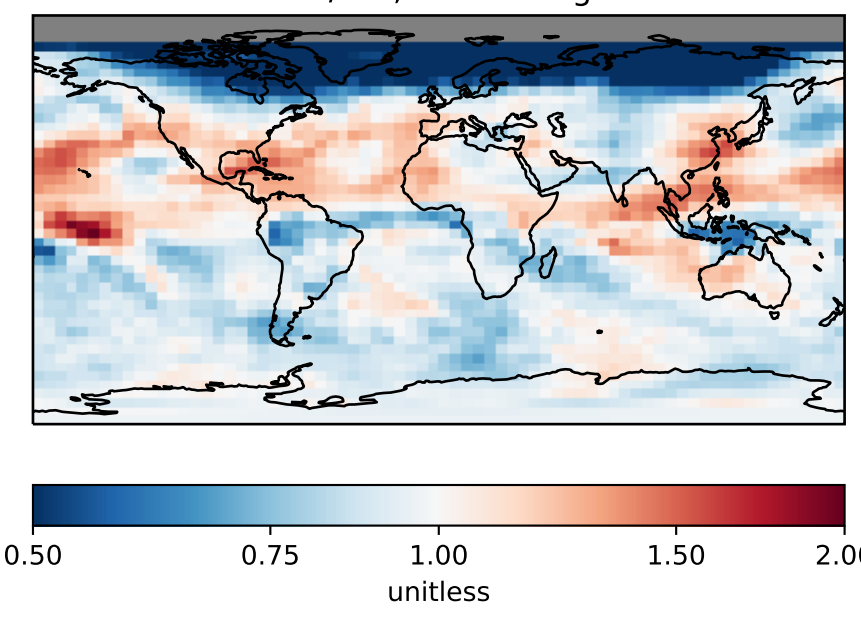
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

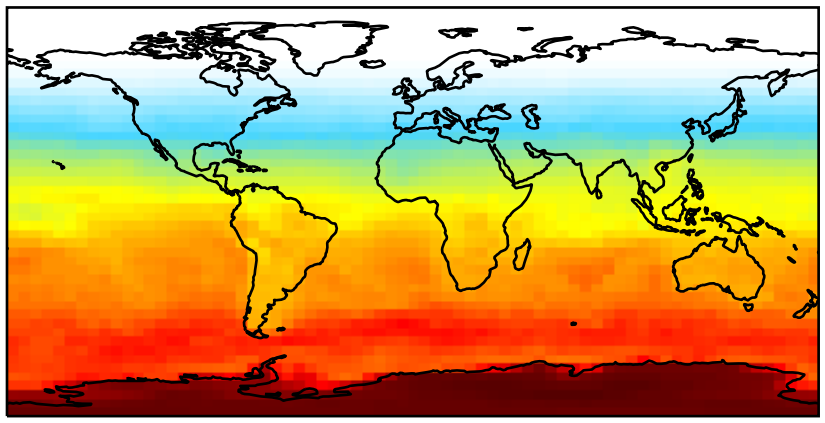


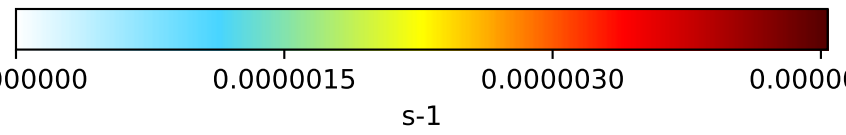
Ratio
Dev/Ref, Fixed Range



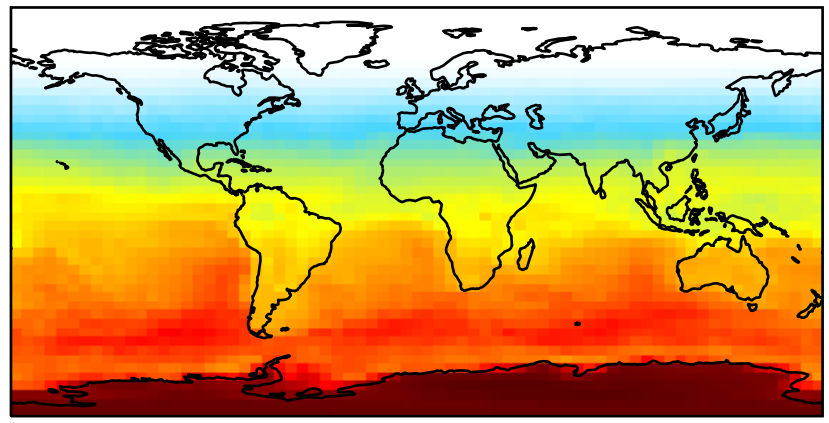
Jval_HMHP (Jan2019)

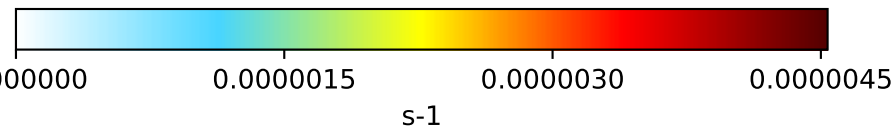
GCC_12.9.0 (Ref)
4.0x5.0



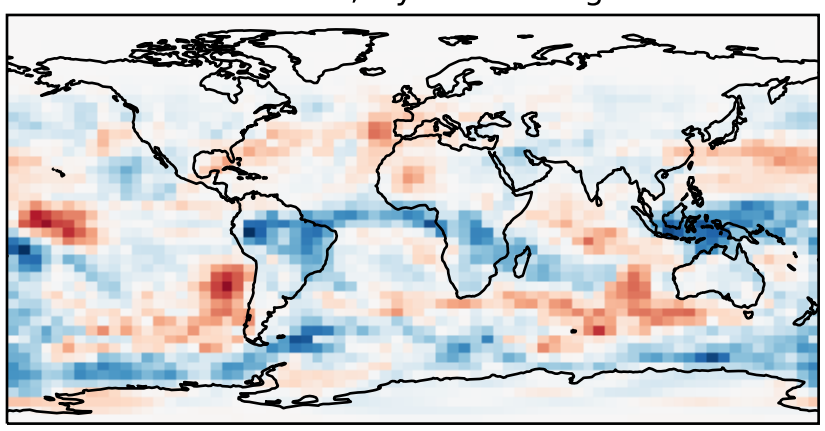


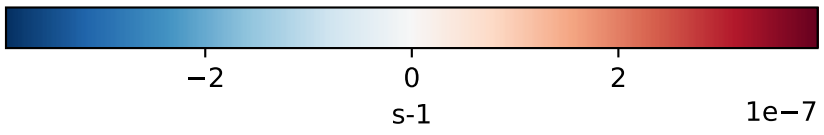
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



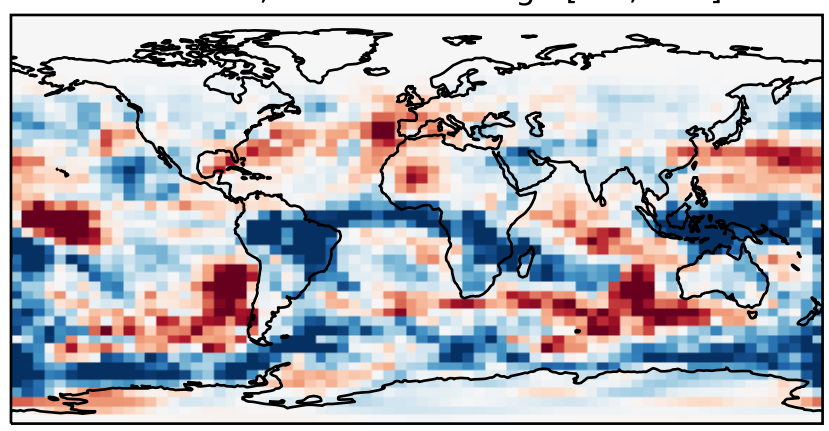


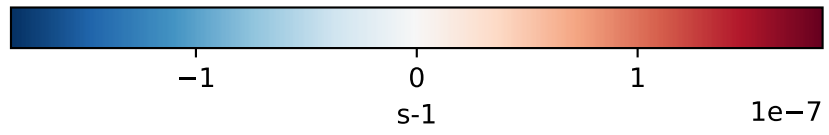
Difference
Dev - Ref, Dynamic Range



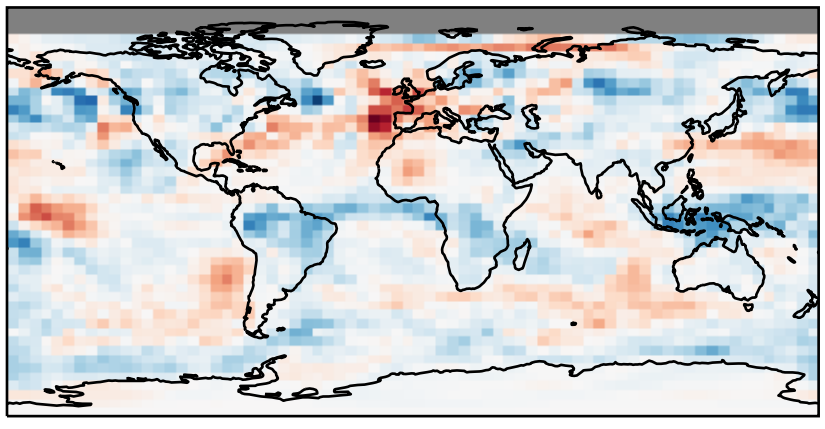


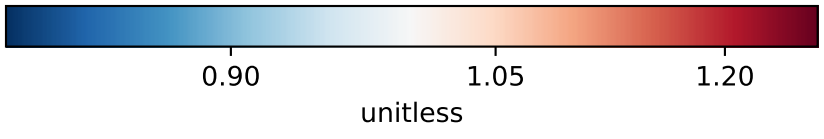
Difference
Dev - Ref, Restricted Range [5%,95%]



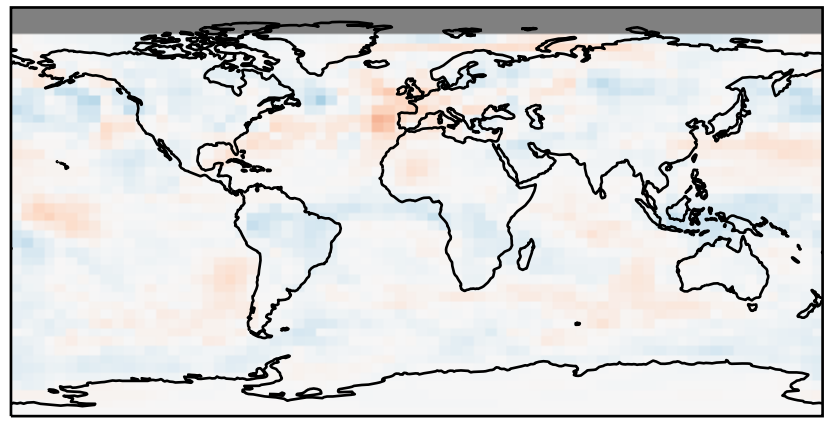


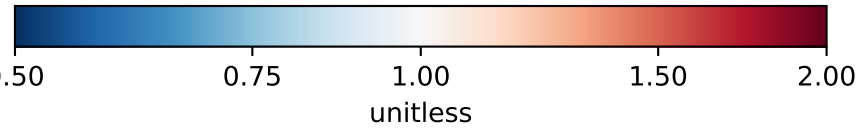
Ratio
Dev/Ref, Dynamic Range





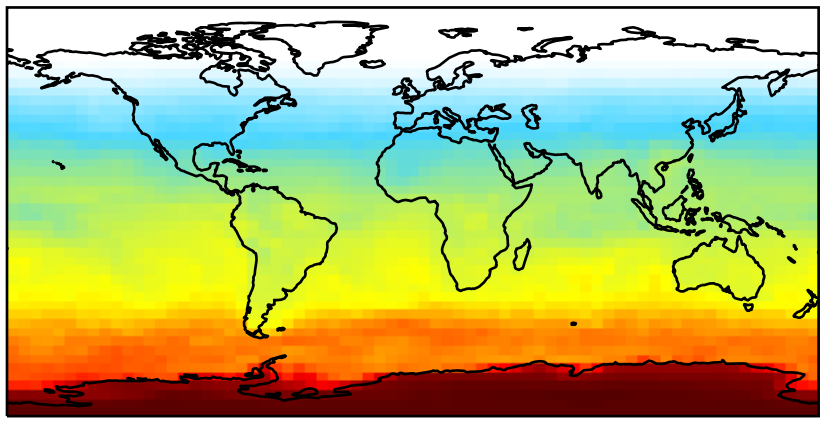
Ratio
Dev/Ref, Fixed Range

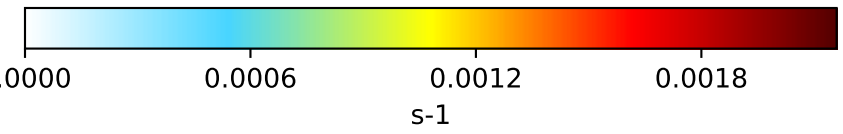




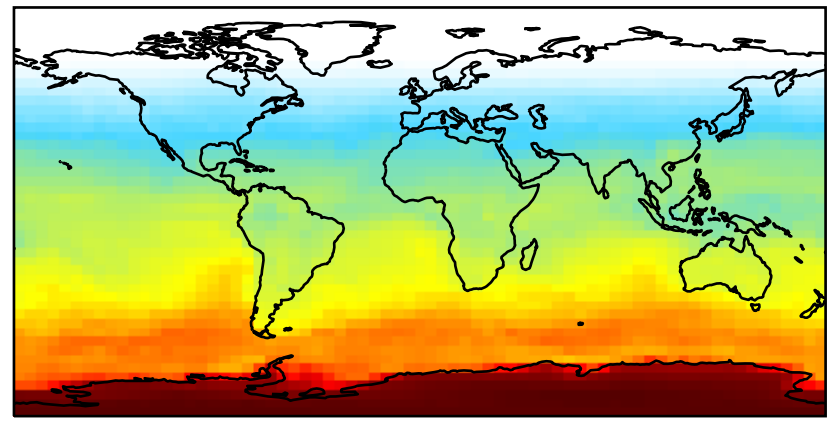
Jval_HNO2 (Jan2019)

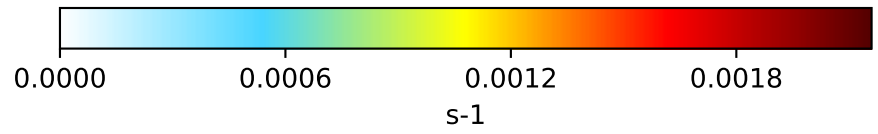
GCC_12.9.0 (Ref)
4.0x5.0



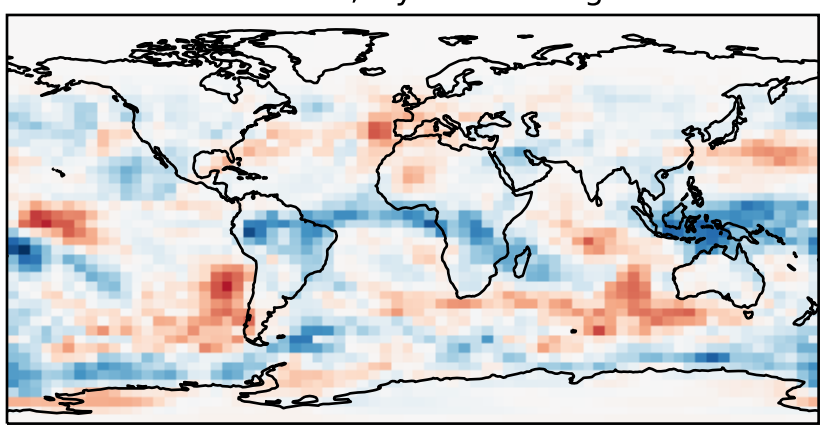


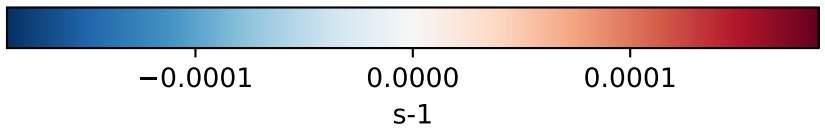
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



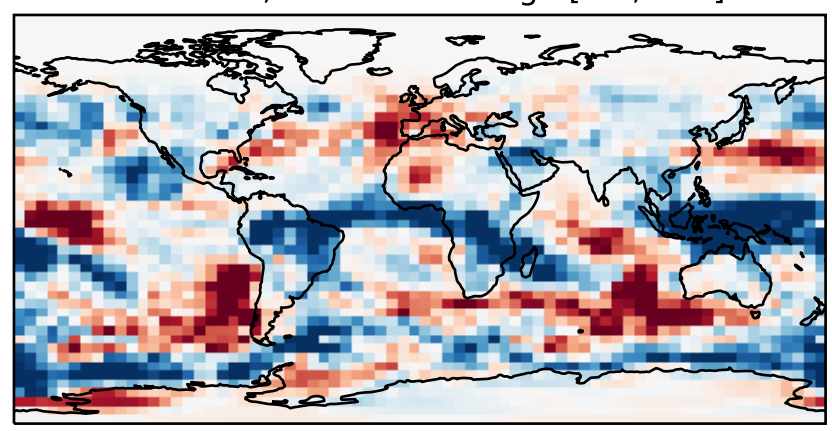


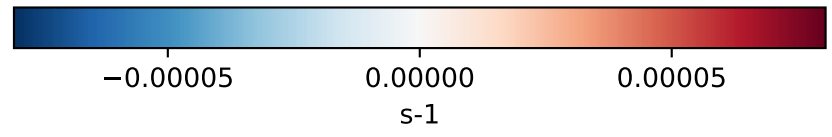
Difference
Dev - Ref, Dynamic Range



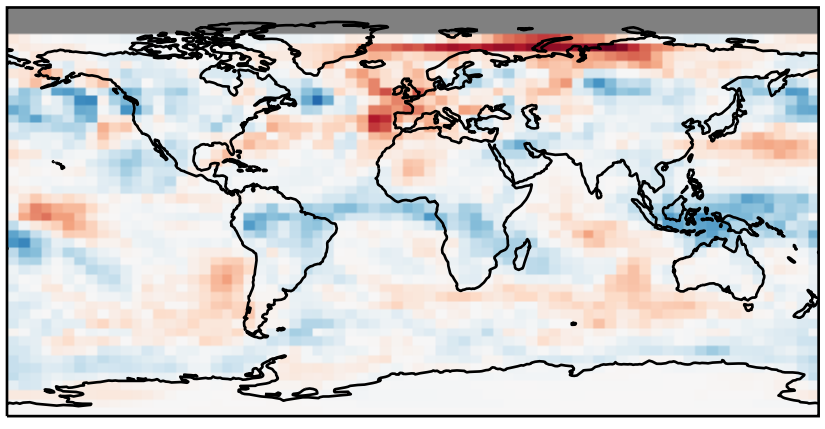


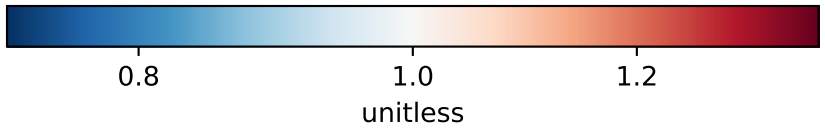
Difference
Dev - Ref, Restricted Range [5%,95%]



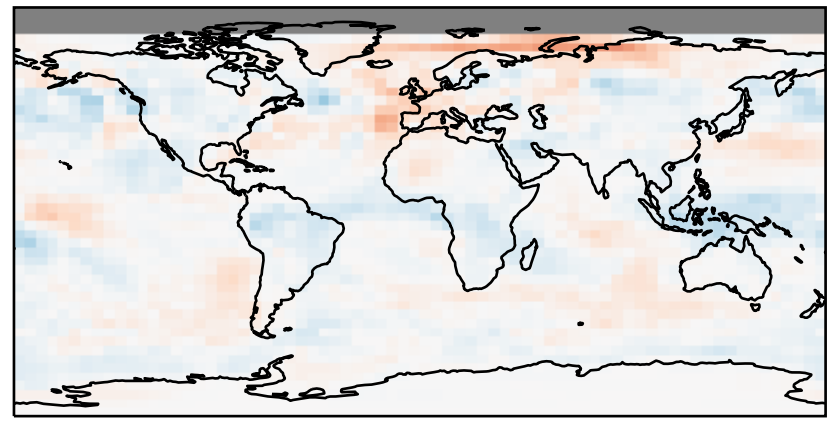


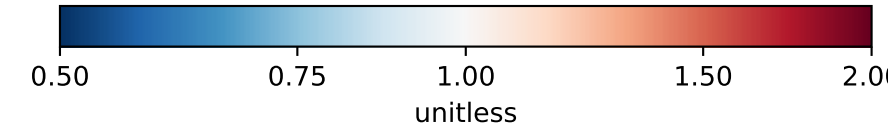
Ratio
Dev/Ref, Dynamic Range





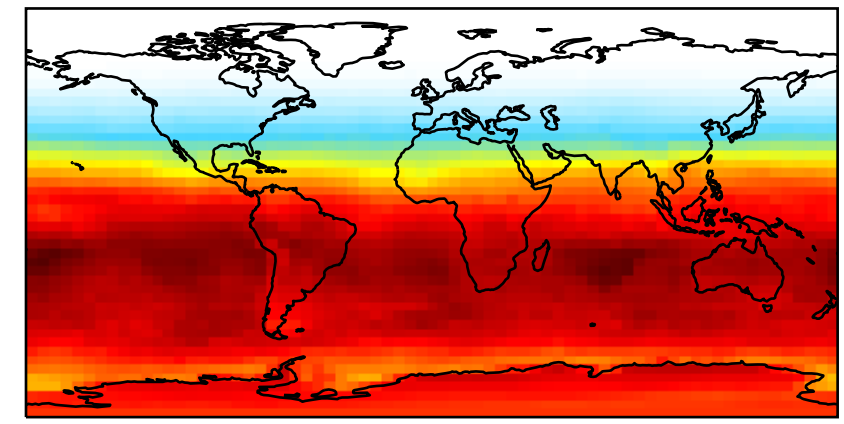
Ratio
Dev/Ref, Fixed Range

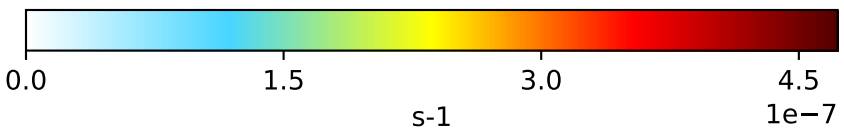




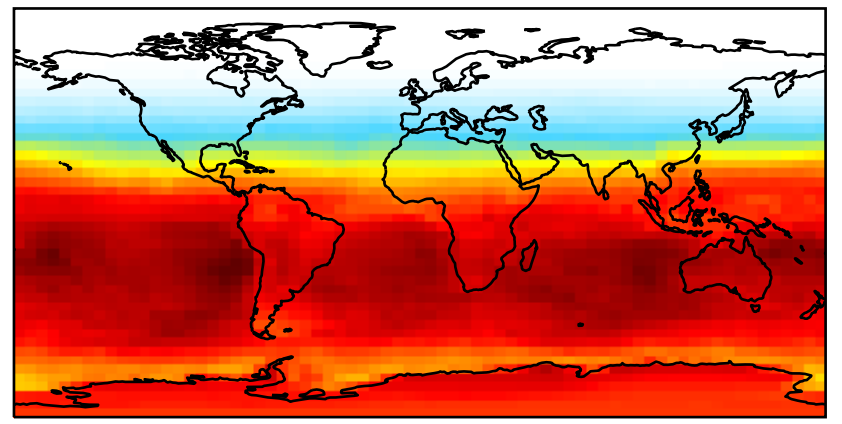
Jval_HNO3 (Jan2019)

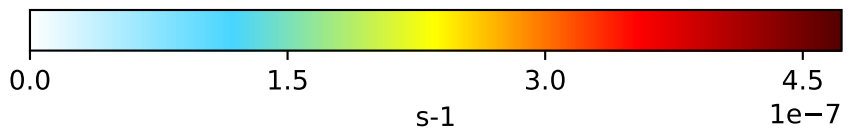
GCC_12.9.0 (Ref)
4.0x5.0



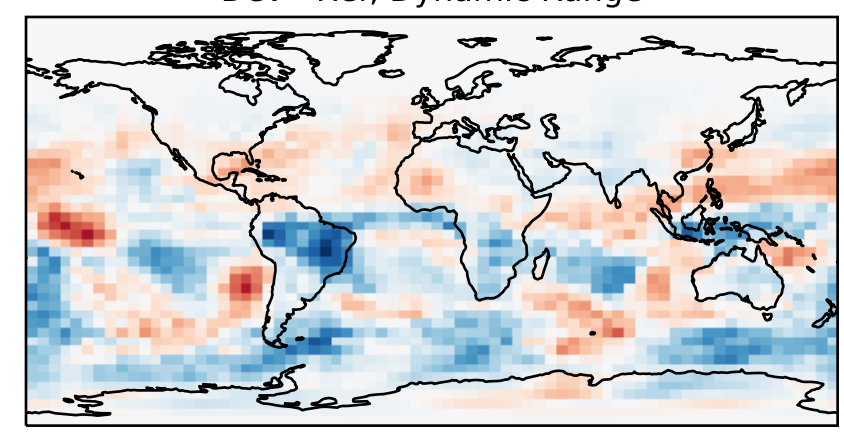


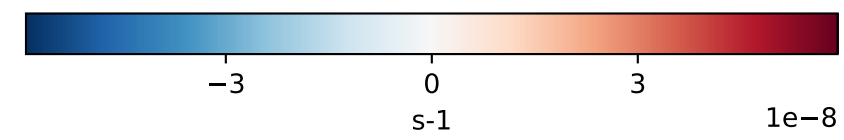
GCC_13.0.0-beta.1 (Dev)
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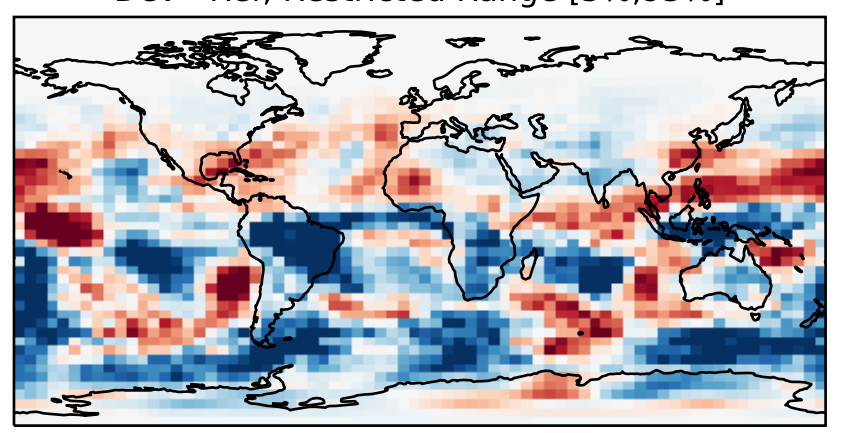


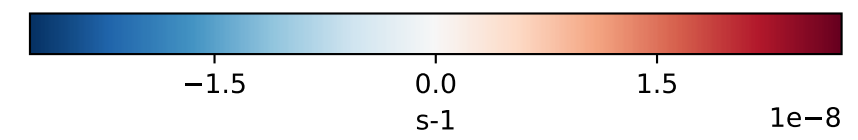
Difference
Dev - Ref, Dynamic Range



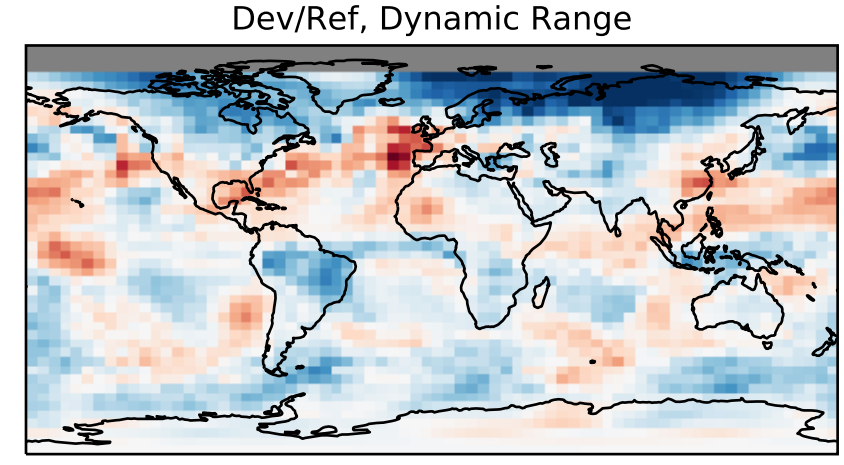


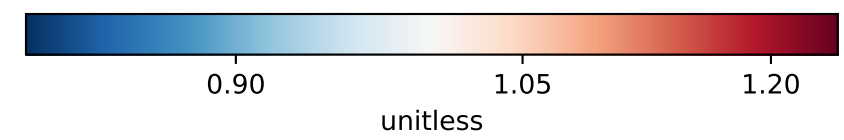
Difference
Dev - Ref, Restricted Range [5%,95%]



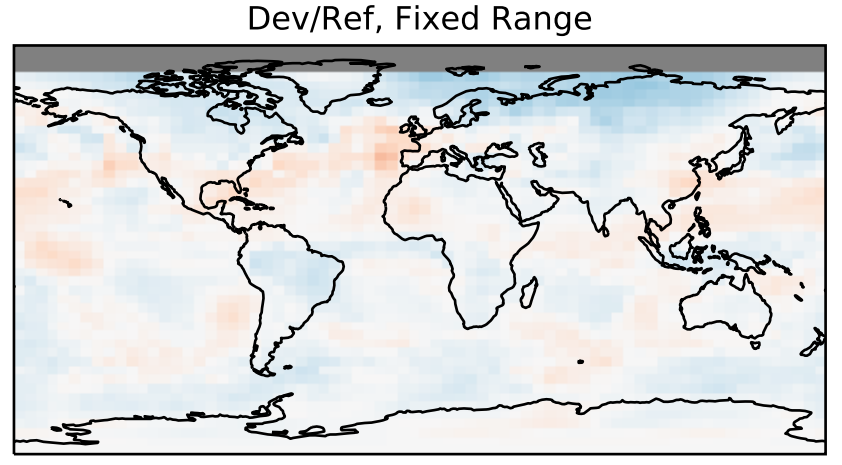


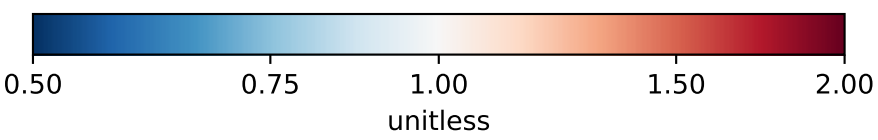
Ratio
Dev/Ref, Dynamic Range





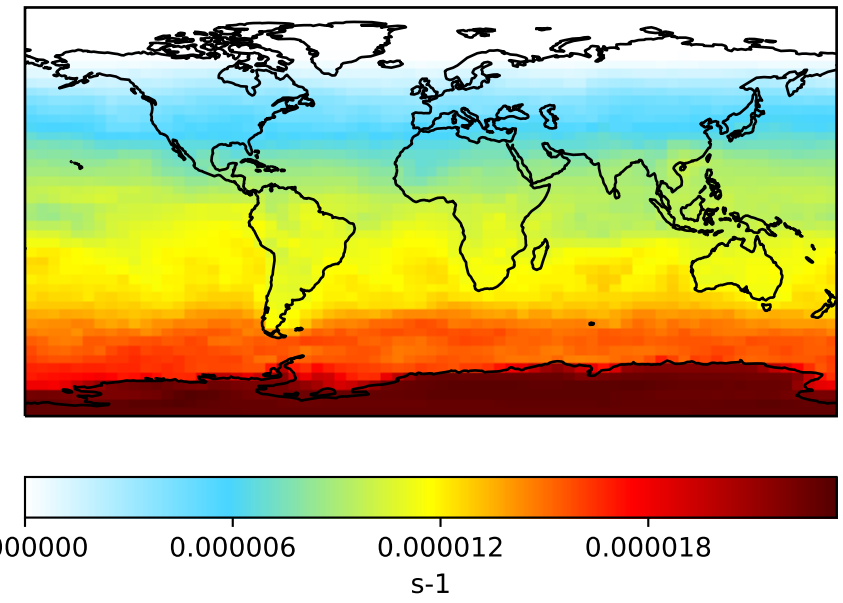
Ratio
Dev/Ref, Fixed Range



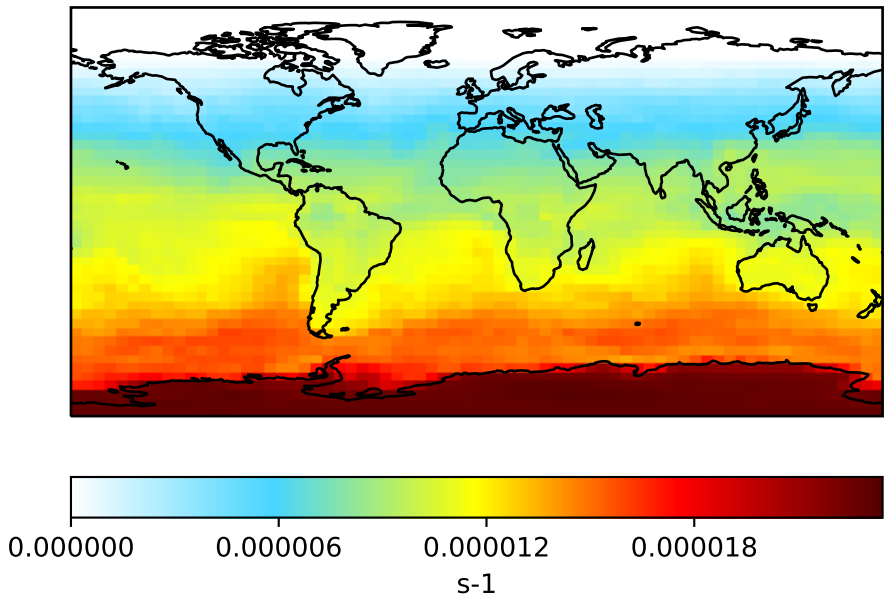


Jval_HNO4 (Jan2019)

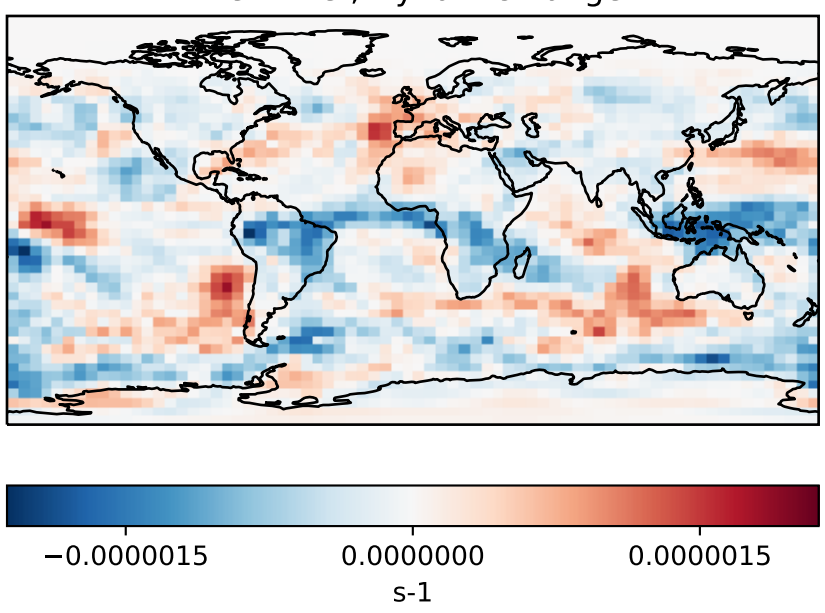
GCC_12.9.0 (Ref)
4.0x5.0



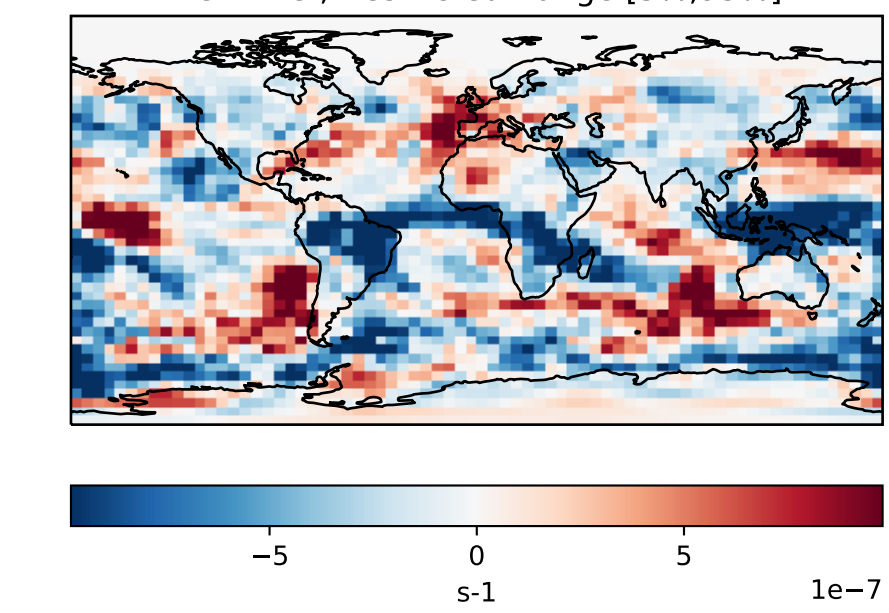
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



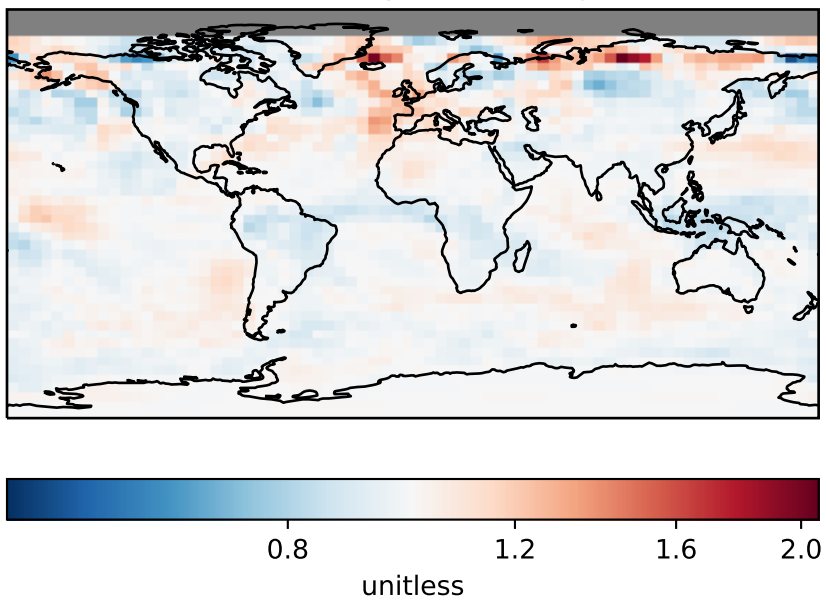
Difference
Dev - Ref, Dynamic Range



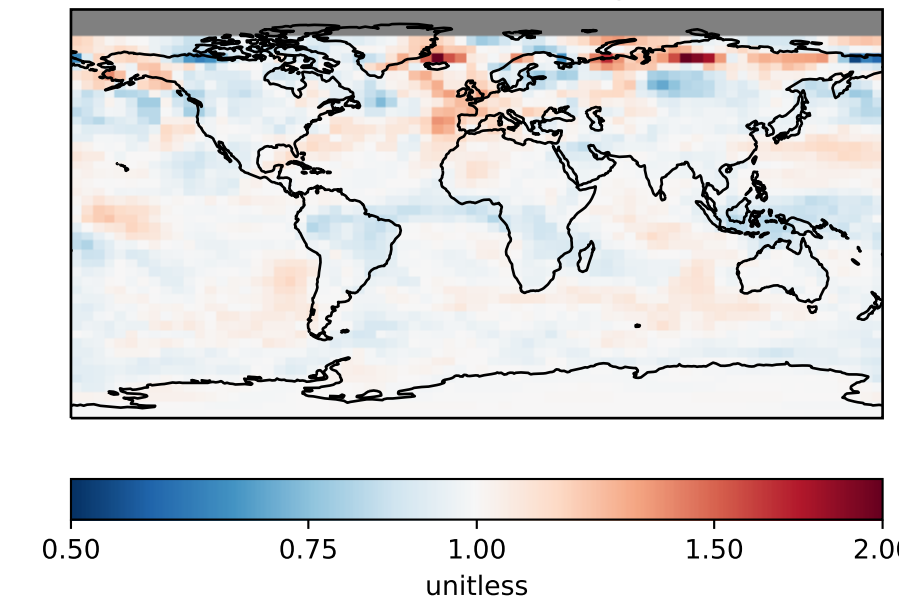
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

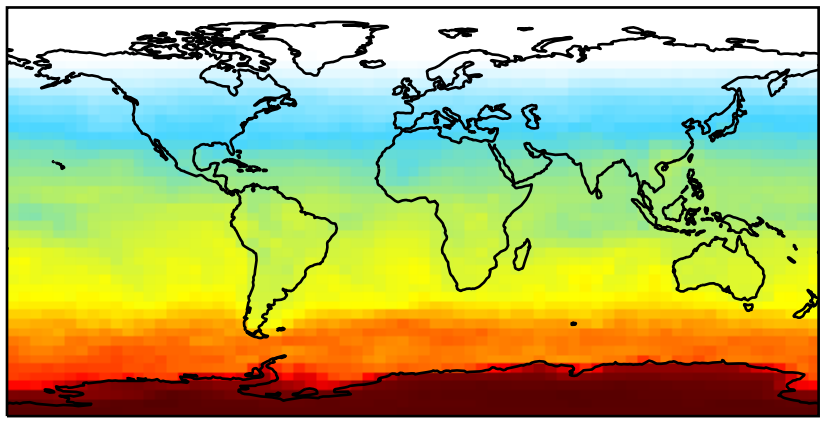


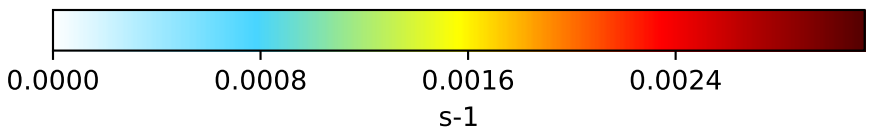
Ratio
Dev/Ref, Fixed Range



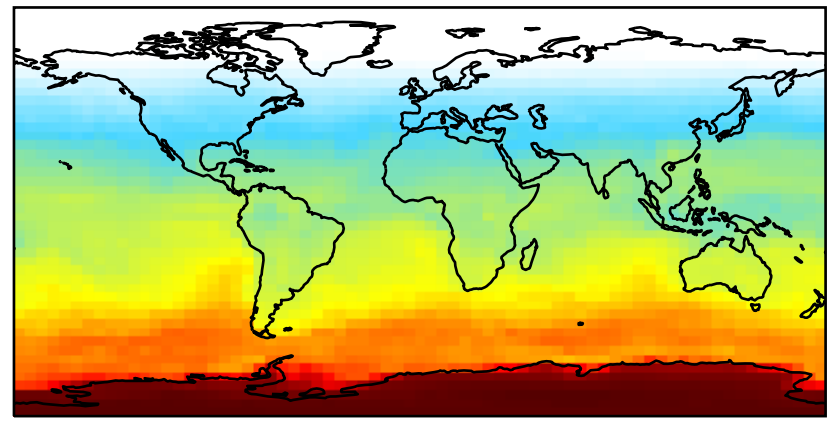
Jval_HOBr (Jan2019)

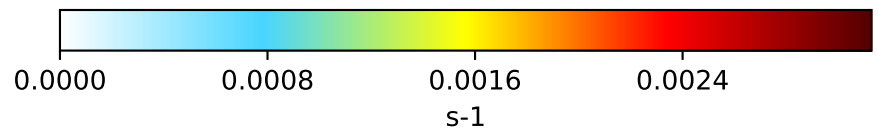
GCC_12.9.0 (Ref)
4.0x5.0



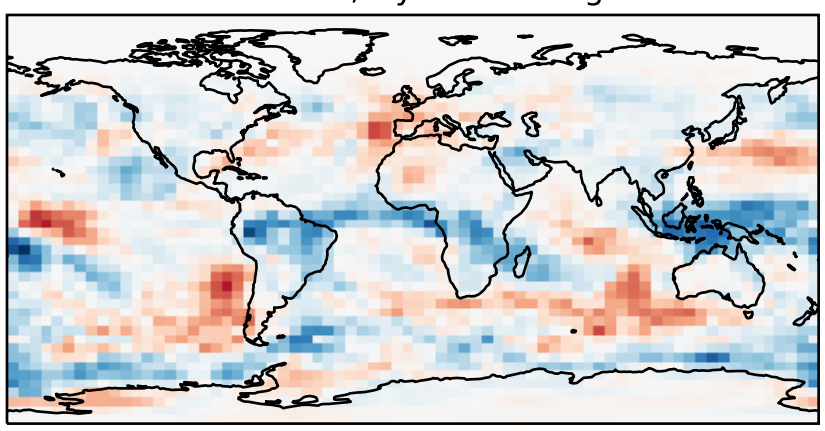


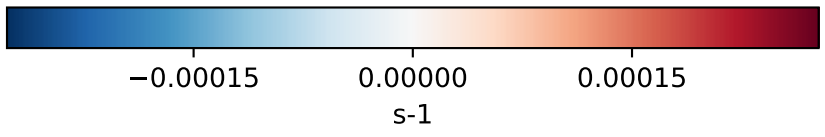
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



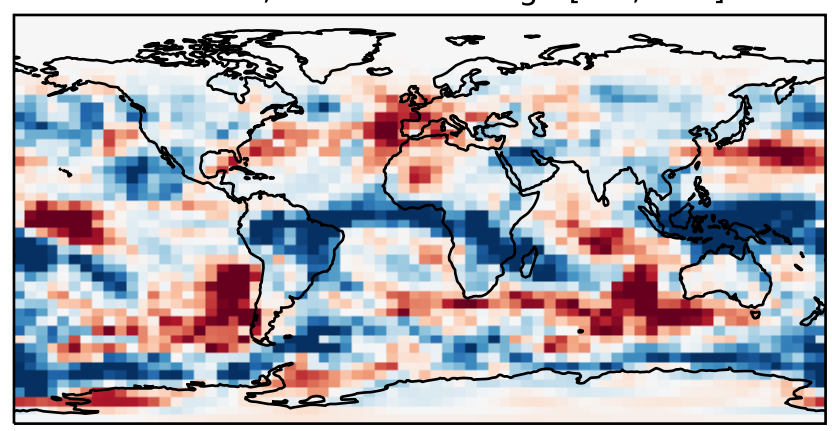


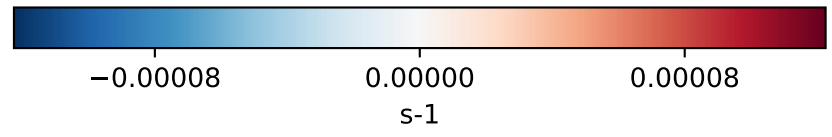
Difference
Dev - Ref, Dynamic Range



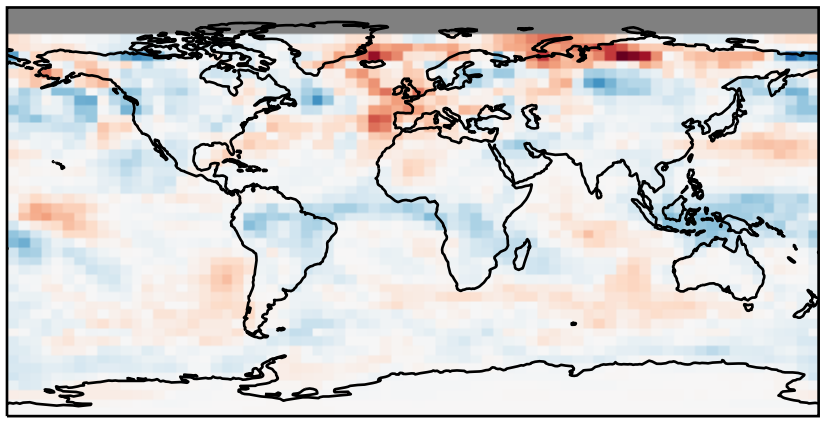


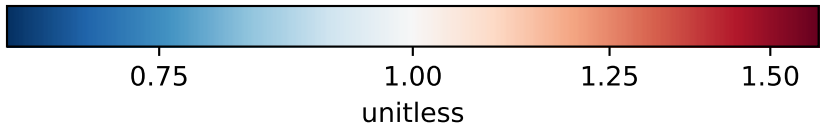
Difference
Dev - Ref, Restricted Range [5%,95%]



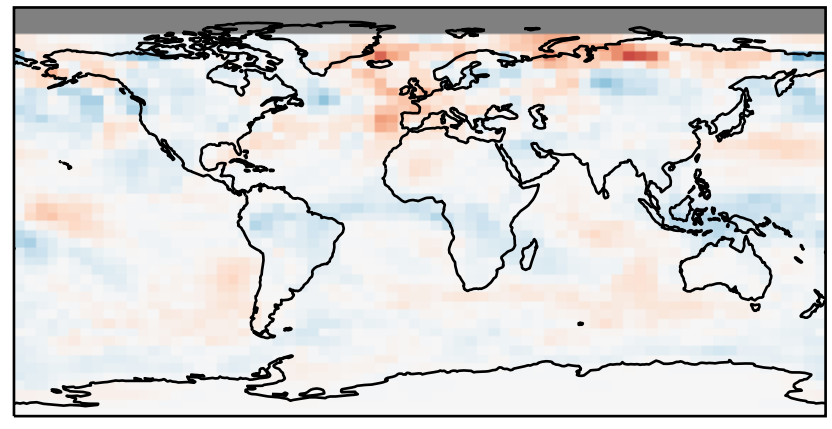


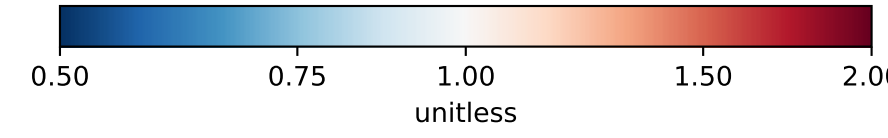
Ratio
Dev/Ref, Dynamic Range





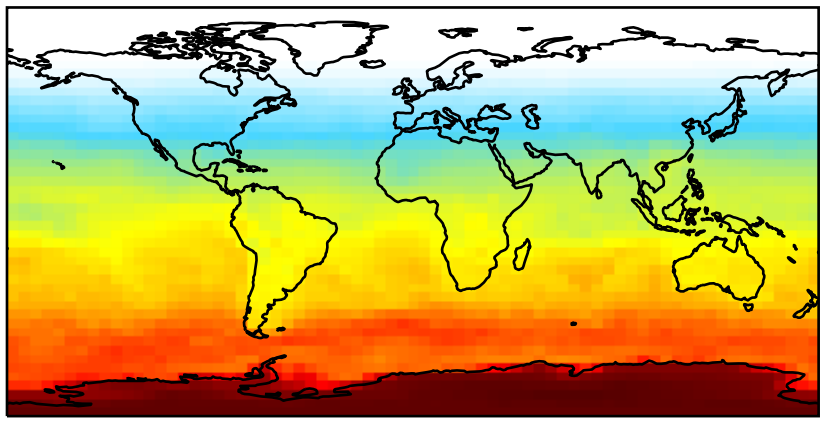
Ratio
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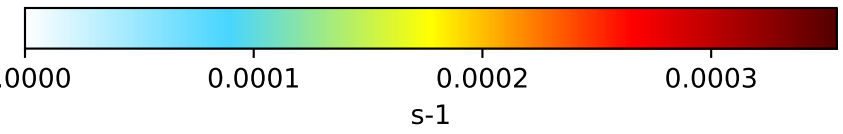




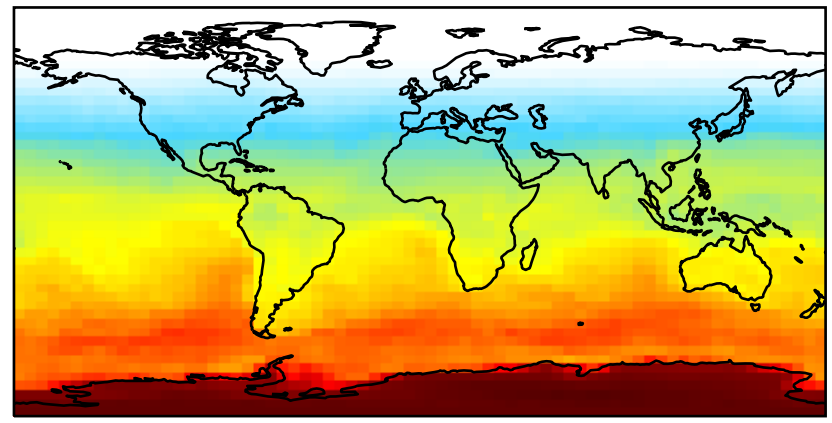
Jval_HOCl (Jan2019)

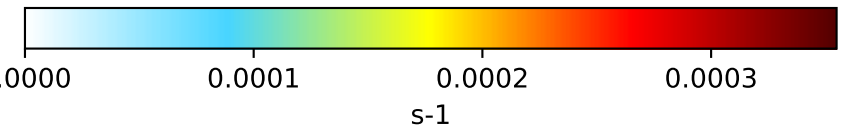
GCC_12.9.0 (Ref)
4.0x5.0



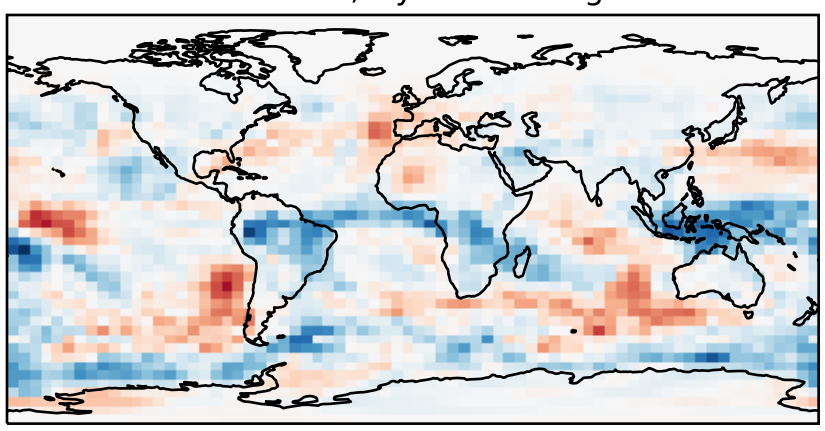


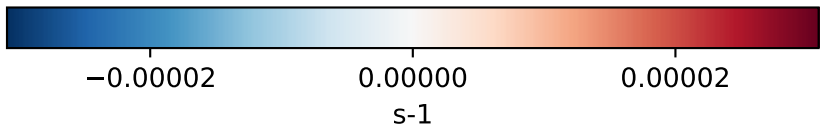
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



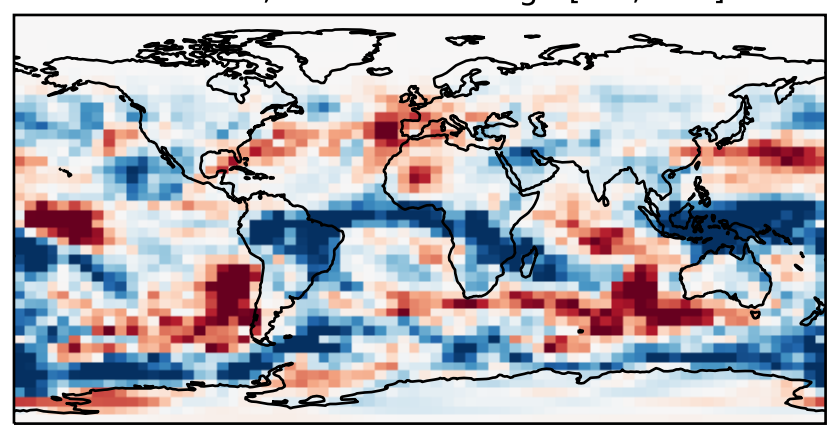


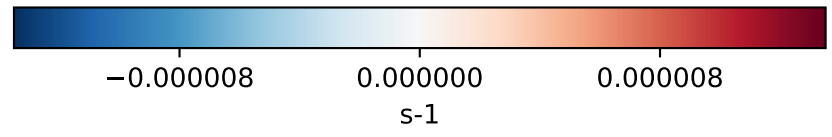
Difference
Dev - Ref, Dynamic Range



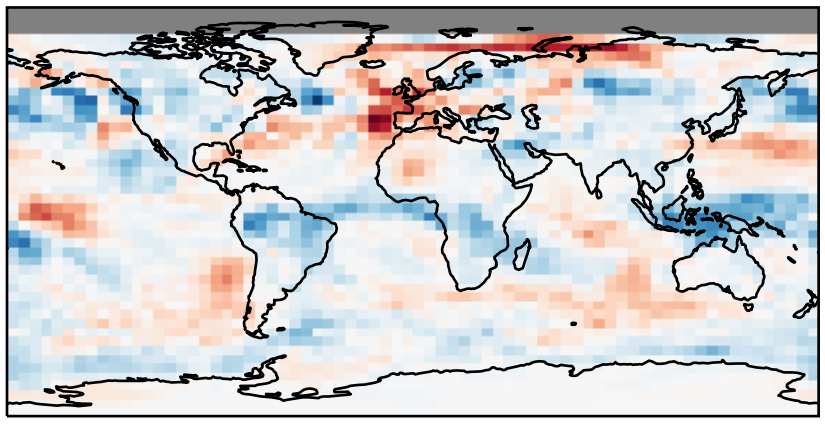


Difference
Dev - Ref, Restricted Range [5%,95%]



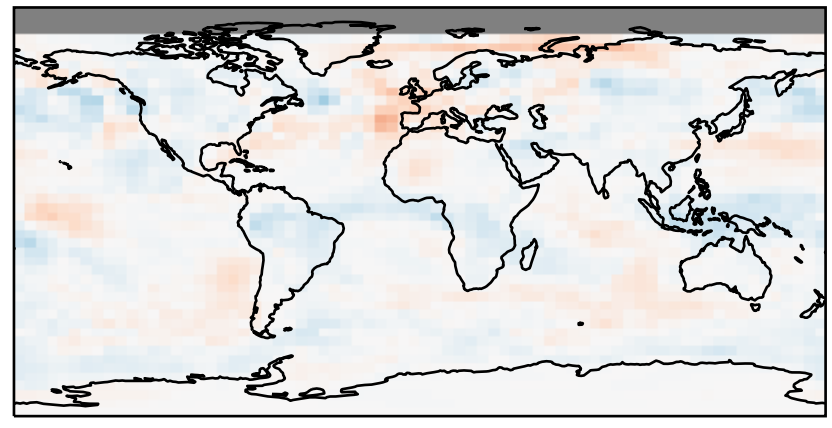


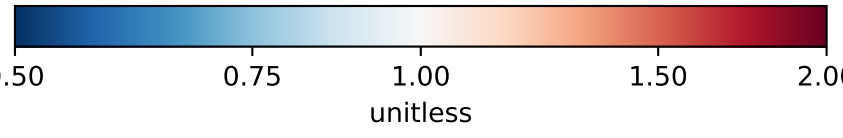
Ratio
Dev/Ref, Dynamic Range





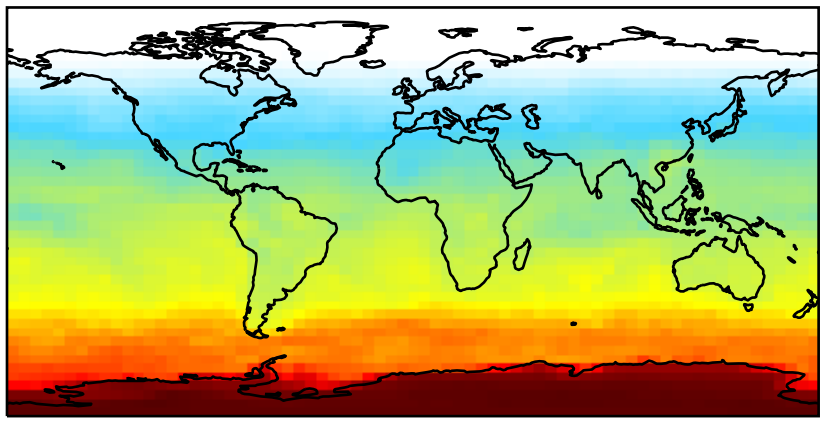
Ratio
Dev/Ref, Fixed Range

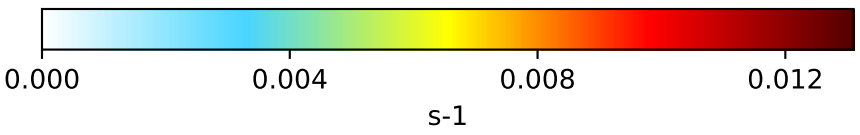




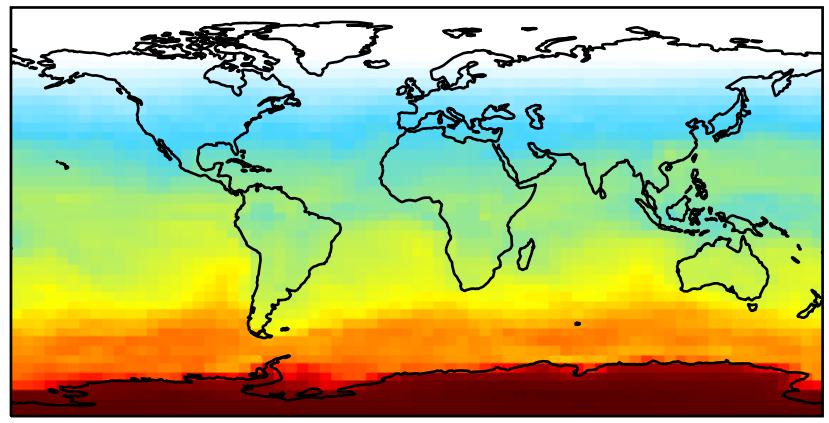
Jval_HOI (Jan2019)

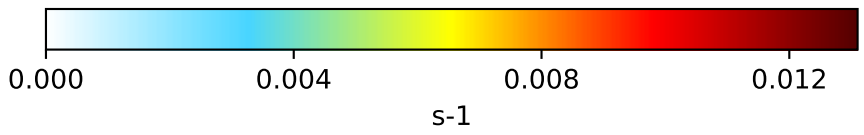
GCC_12.9.0 (Ref)
4.0x5.0



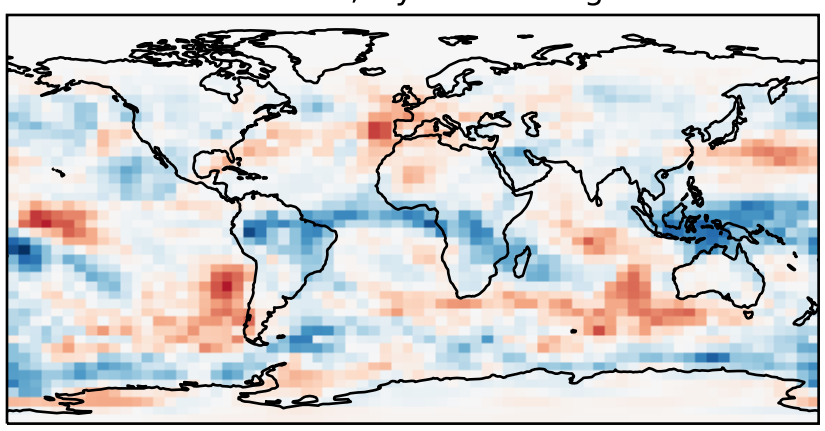


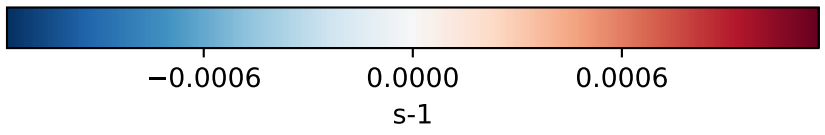
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



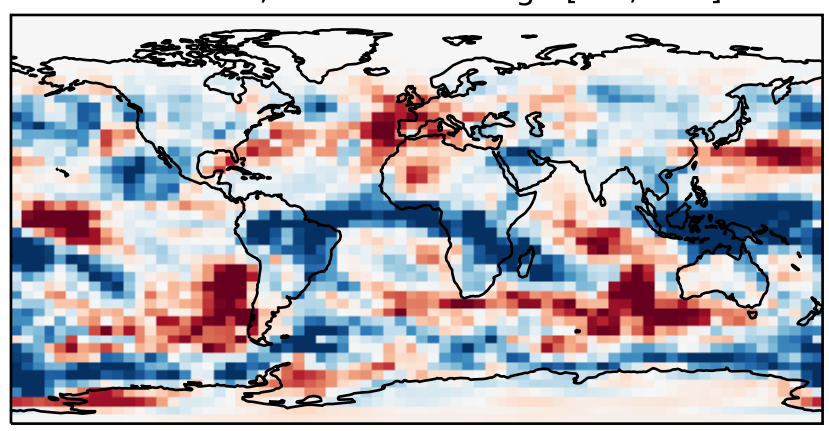


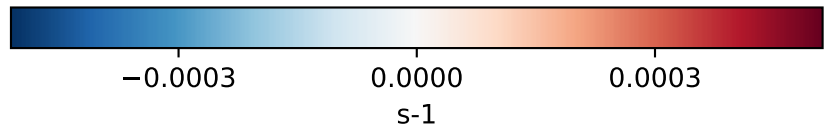
Difference
Dev - Ref, Dynamic Range



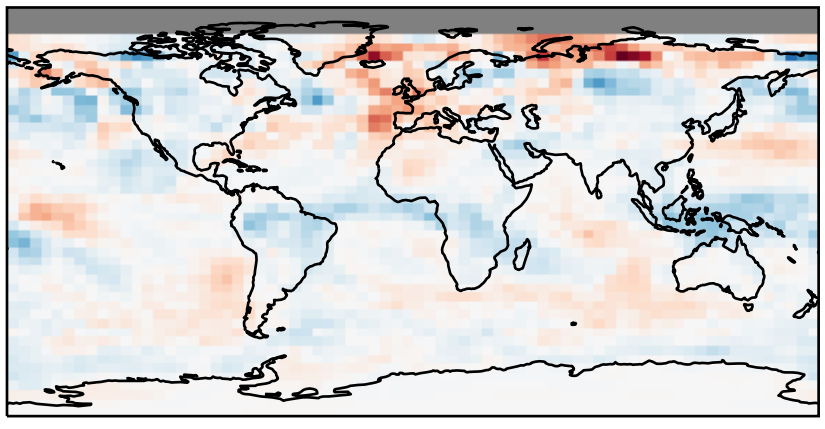


Difference
Dev - Ref, Restricted Range [5%,95%]



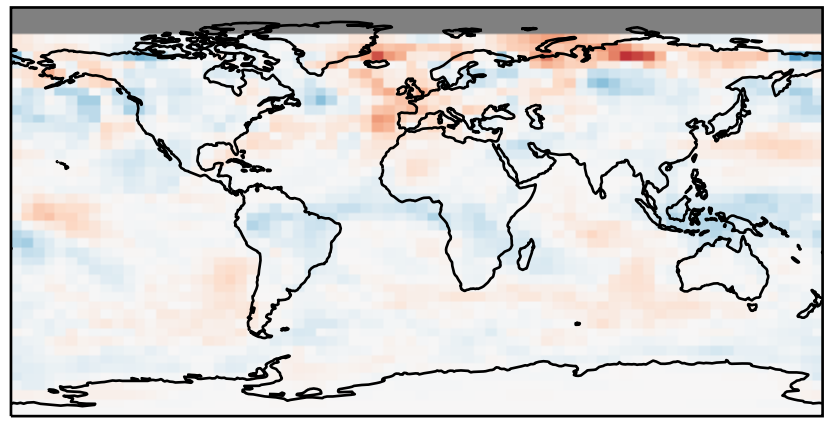


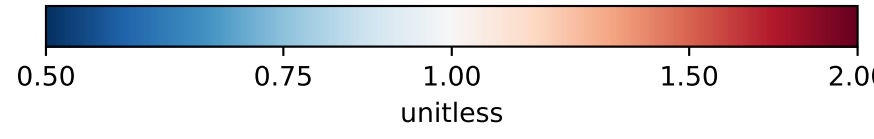
Ratio
Dev/Ref, Dynamic Range





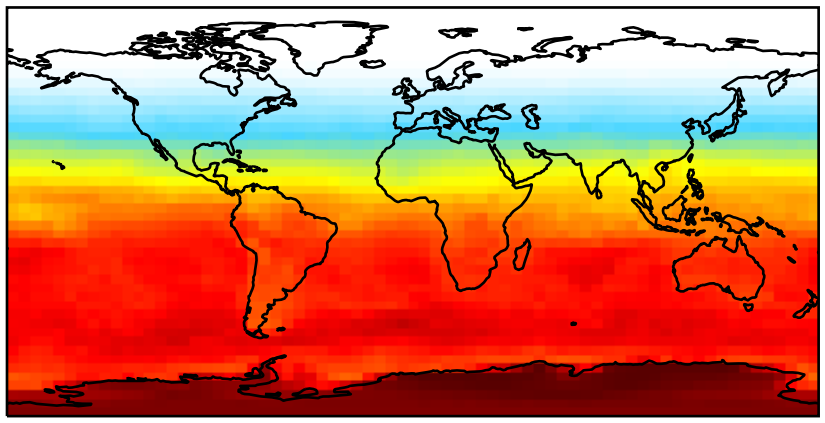
Ratio
Dev/Ref, Fixed Range

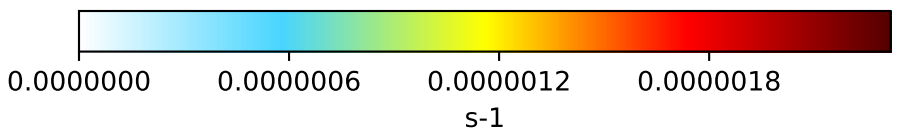




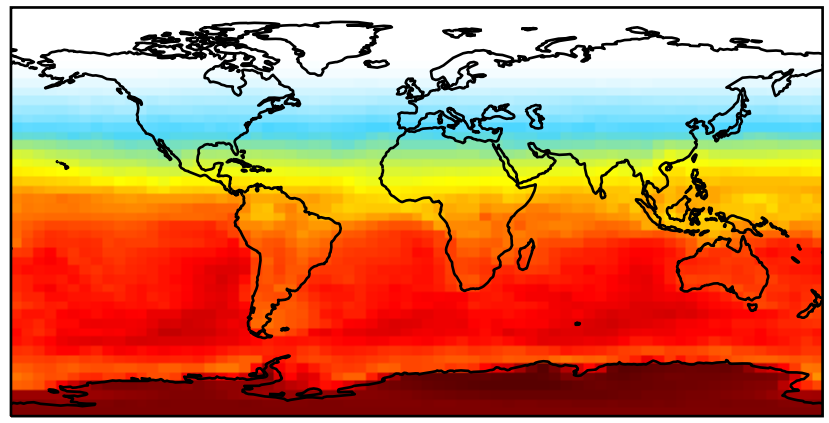
Jval_HONIT (Jan2019)

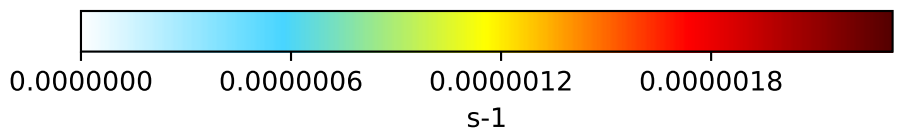
GCC_12.9.0 (Ref)
4.0x5.0



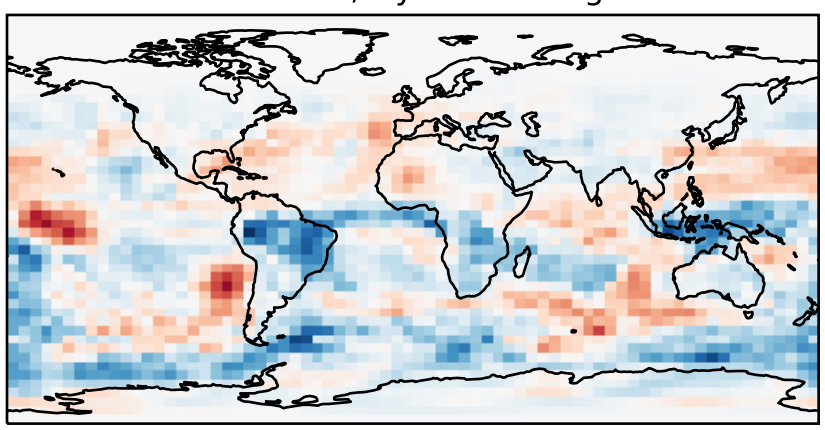


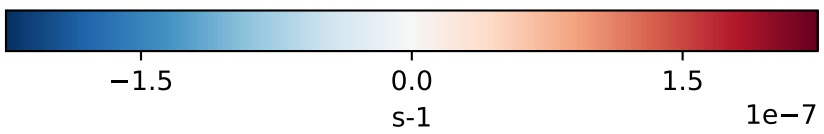
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



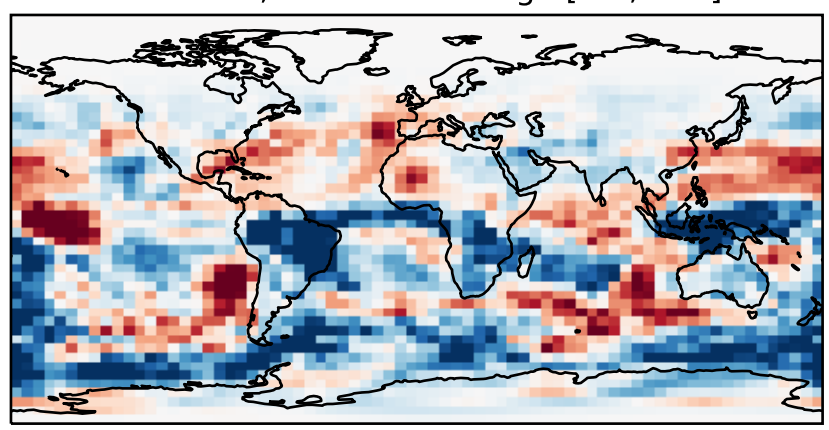


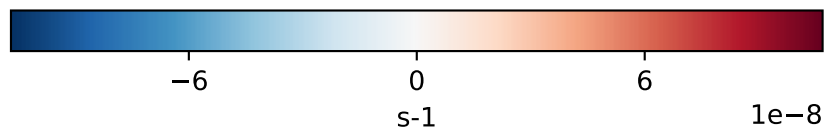
Difference
Dev - Ref, Dynamic Range



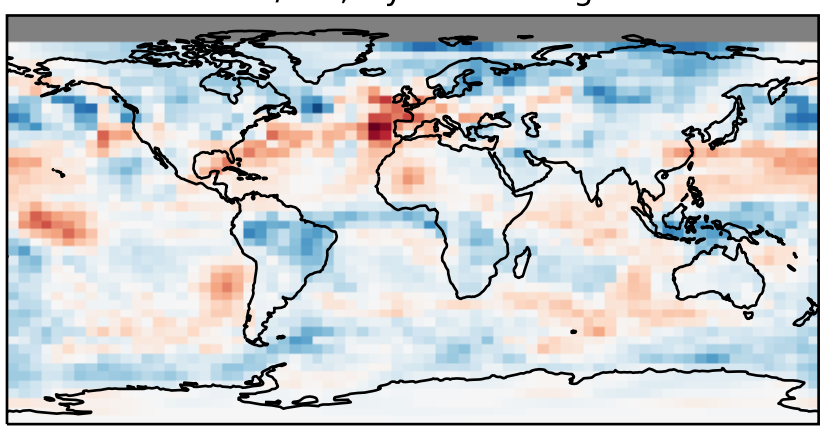


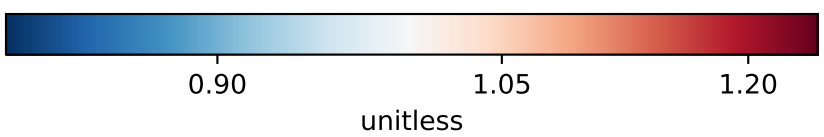
Difference
Dev - Ref, Restricted Range [5%,95%]



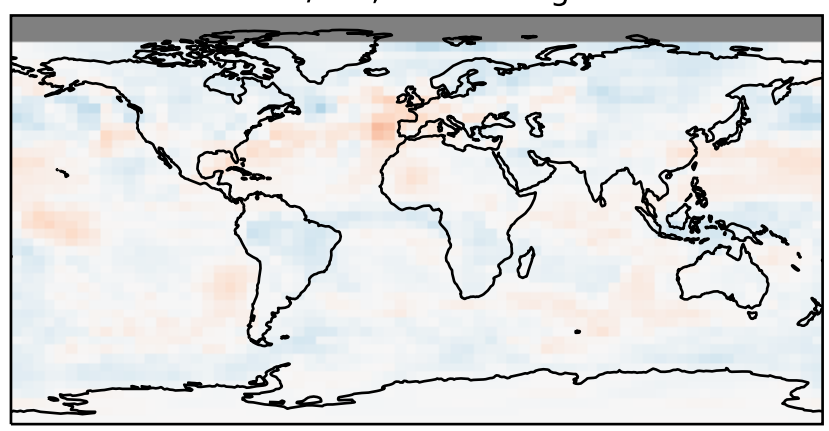


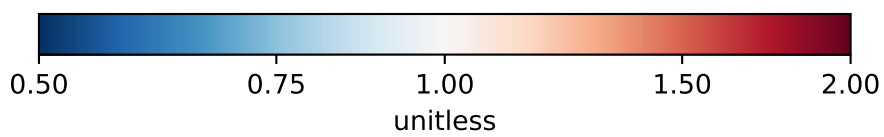
Ratio
Dev/Ref, Dynamic Range





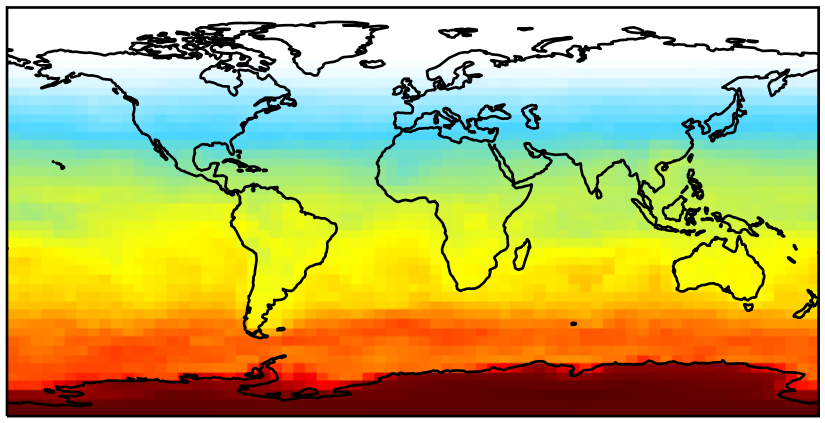
Ratio
Dev/Ref, Fixed Range

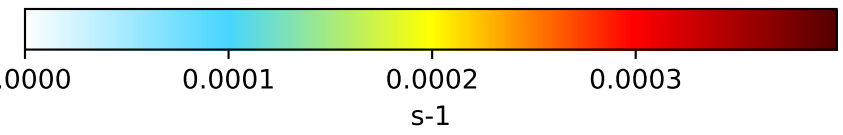




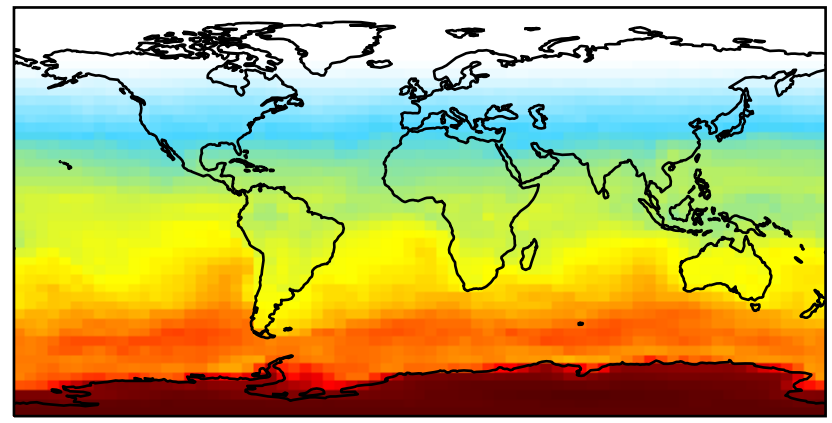
Jval_HPALD1 (Jan2019)

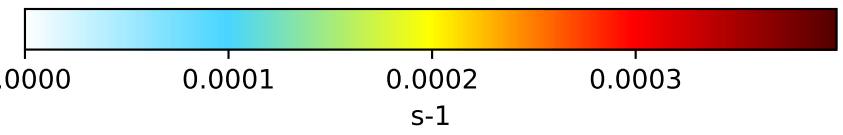
GCC_12.9.0 (Ref)
4.0x5.0



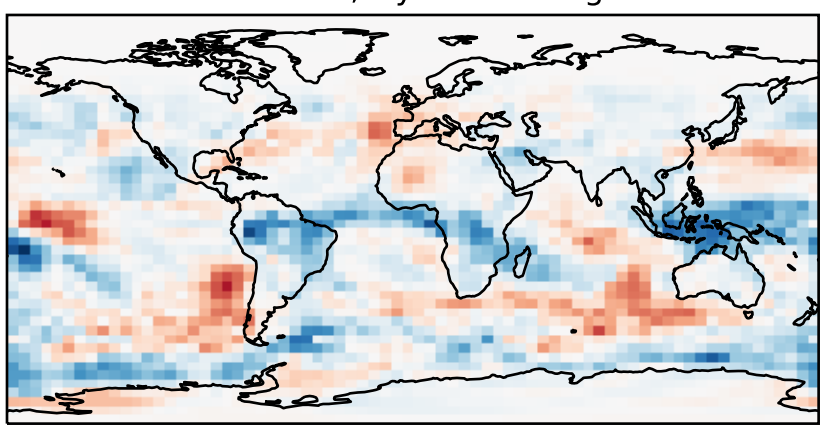


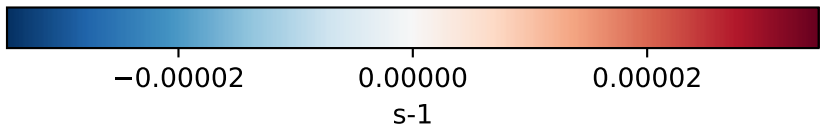
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



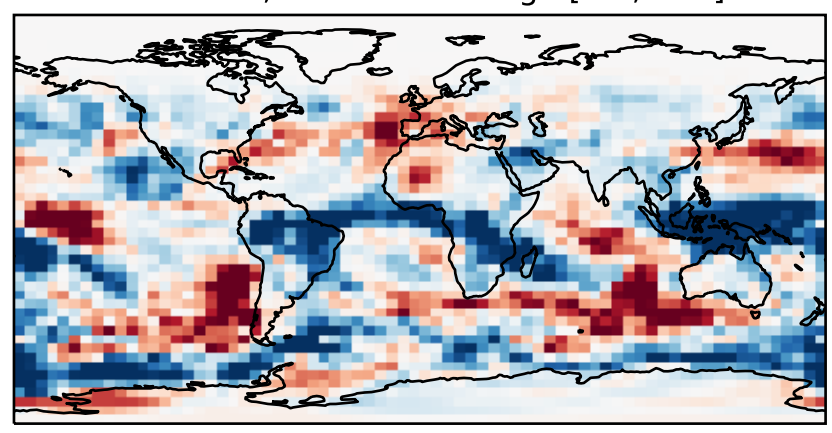


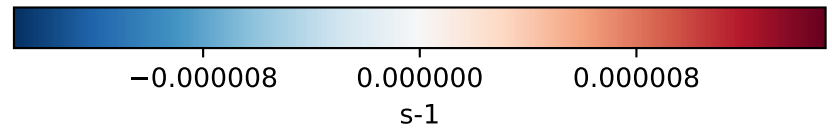
Difference
Dev - Ref, Dynamic Range



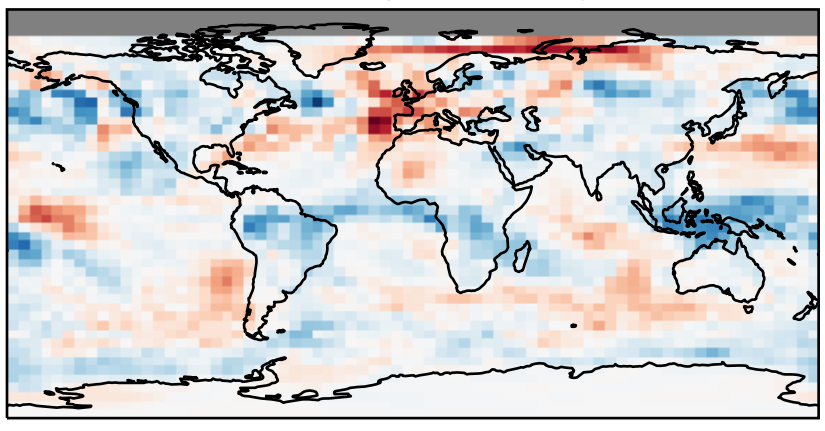


Difference
Dev - Ref, Restricted Range [5%,95%]



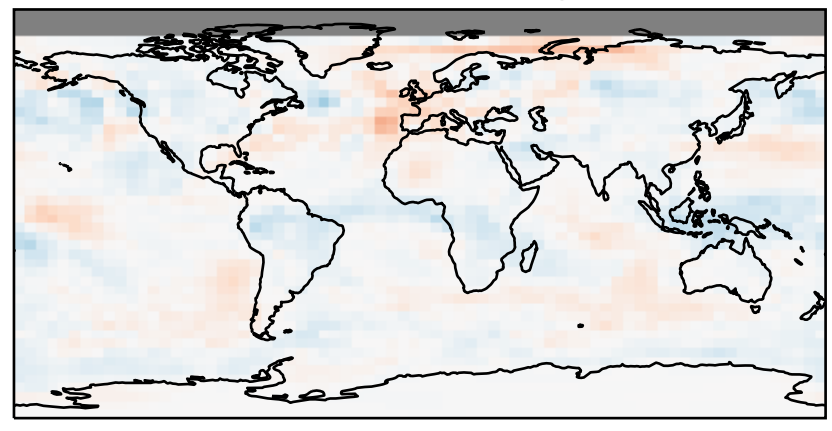


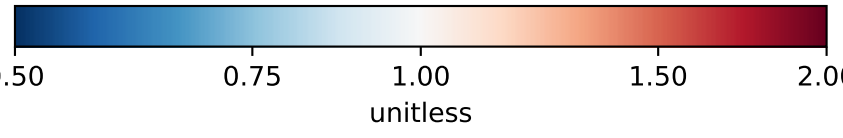
Ratio
Dev/Ref, Dynamic Range





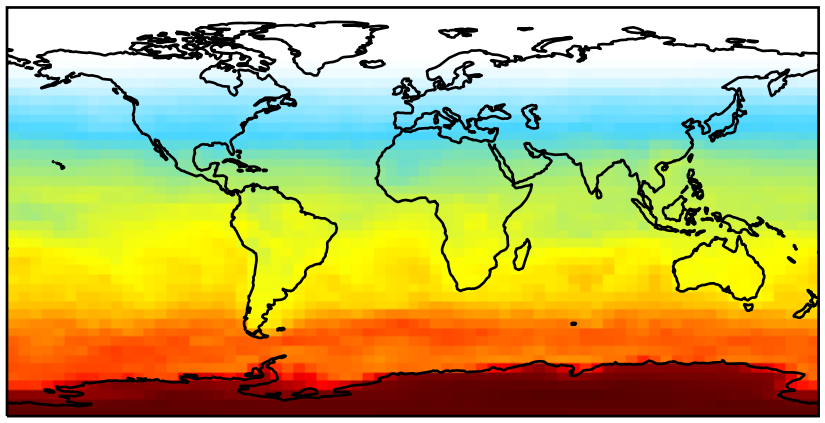
Ratio
Dev/Ref, Fixed Range

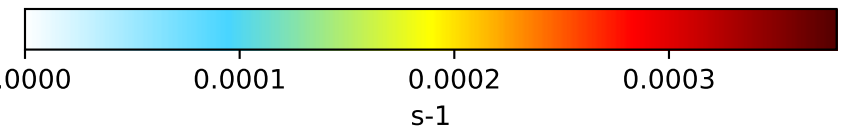




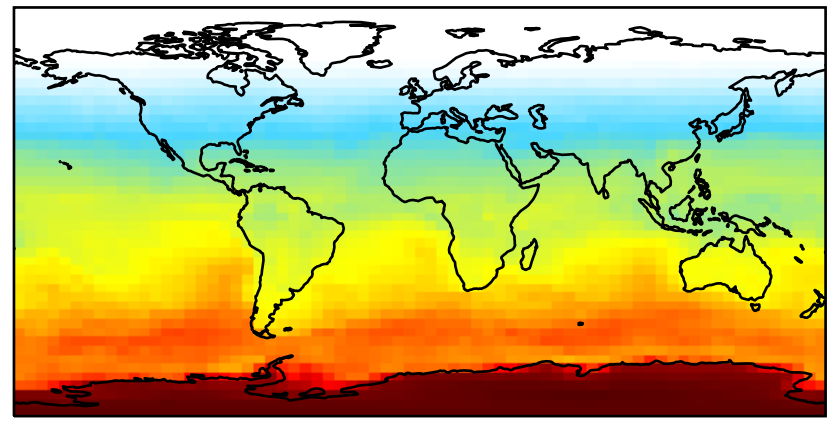
Jval_HPALD2 (Jan2019)

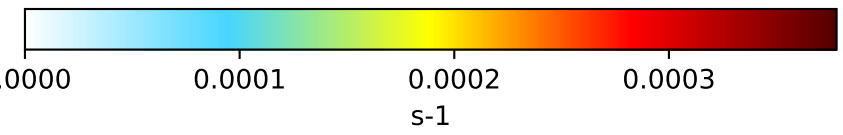
GCC_12.9.0 (Ref)
4.0x5.0



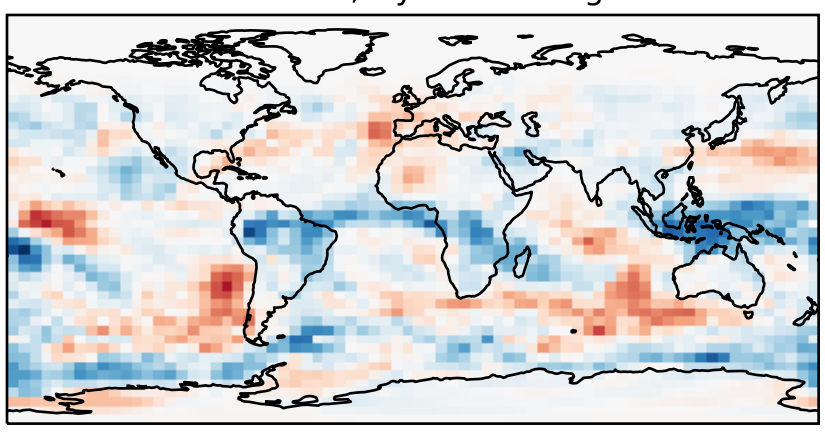


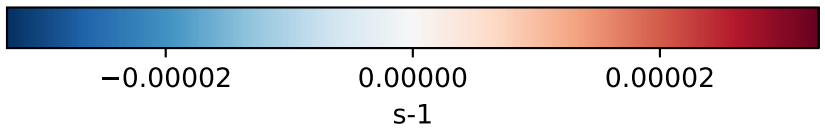
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



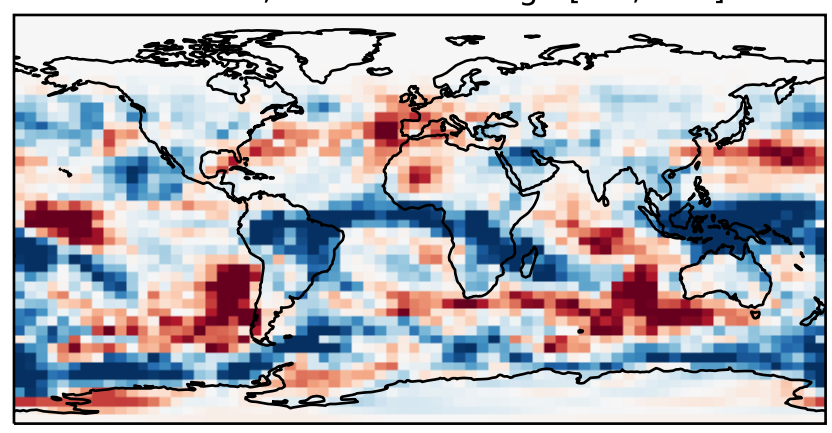


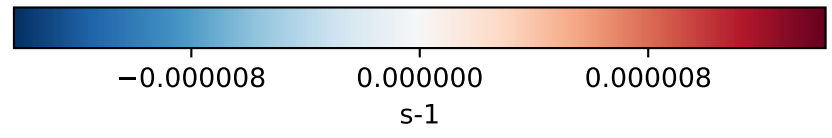
Difference
Dev - Ref, Dynamic Range



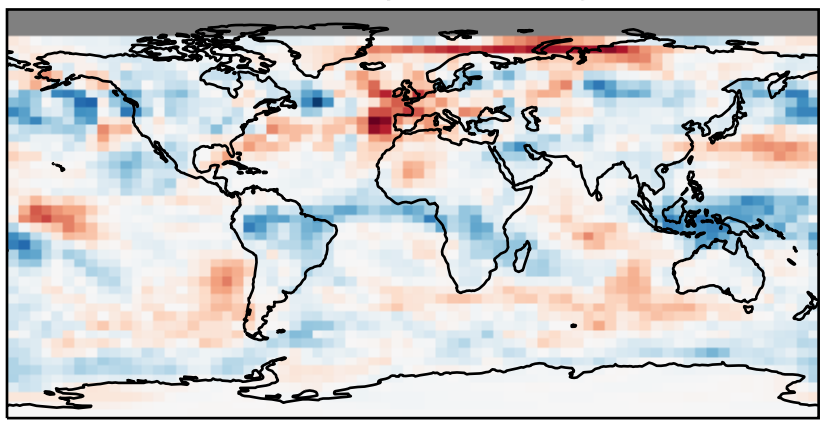


Difference
Dev - Ref, Restricted Range [5%,95%]



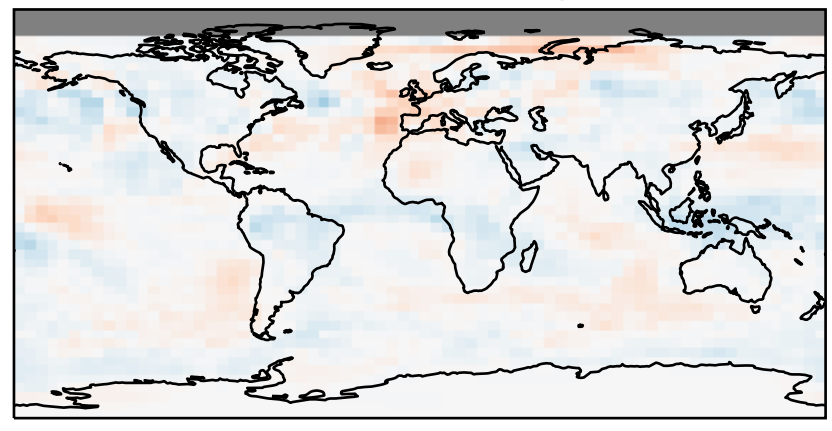


Ratio
Dev/Ref, Dynamic Range





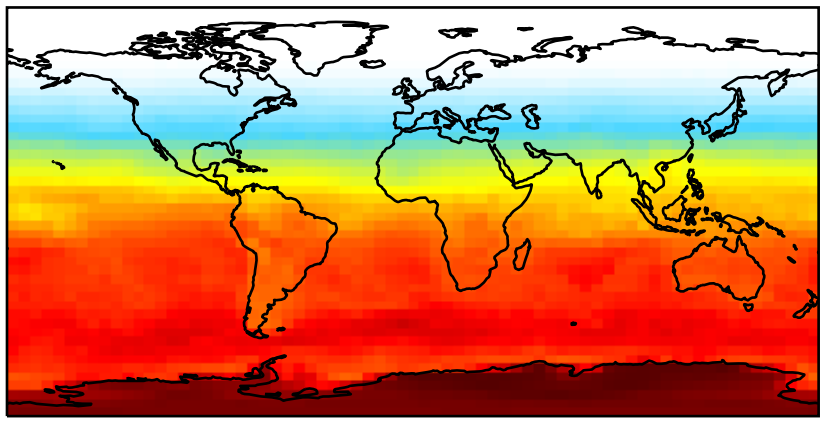
Ratio
Dev/Ref, Fixed Range





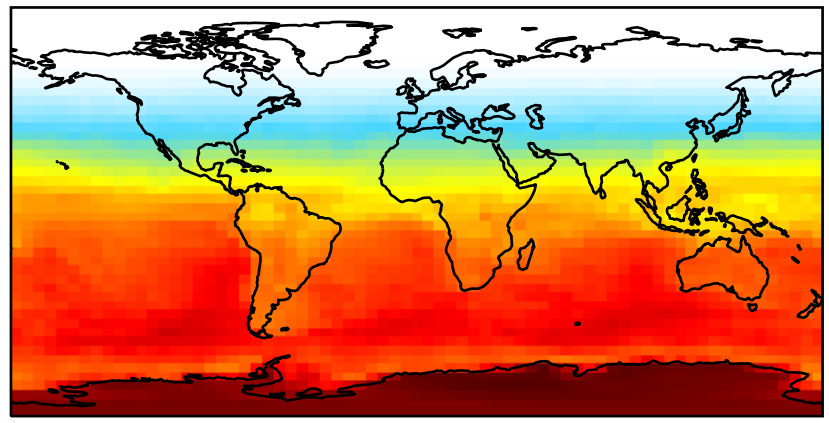
Jval_HPALD3 (Jan2019)

GCC_12.9.0 (Ref)
4.0x5.0



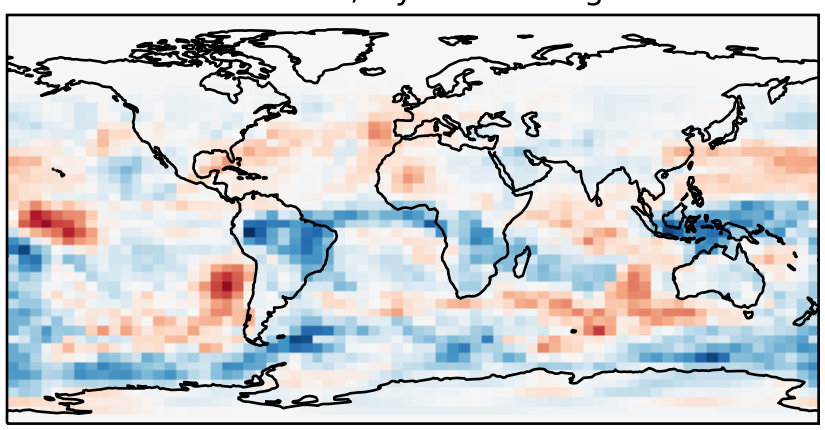


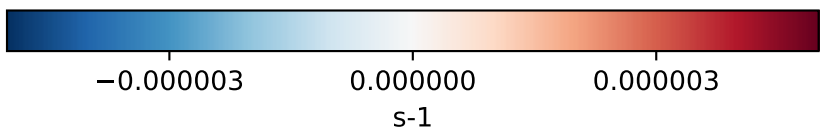
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



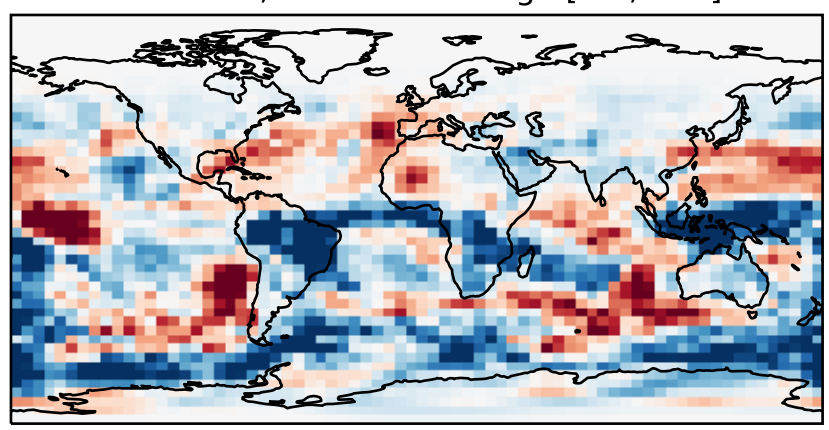


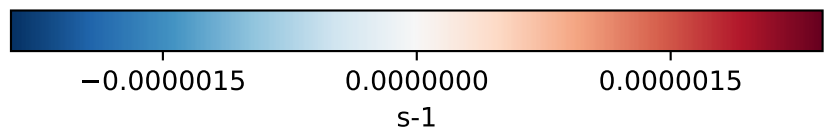
Difference
Dev - Ref, Dynamic Range



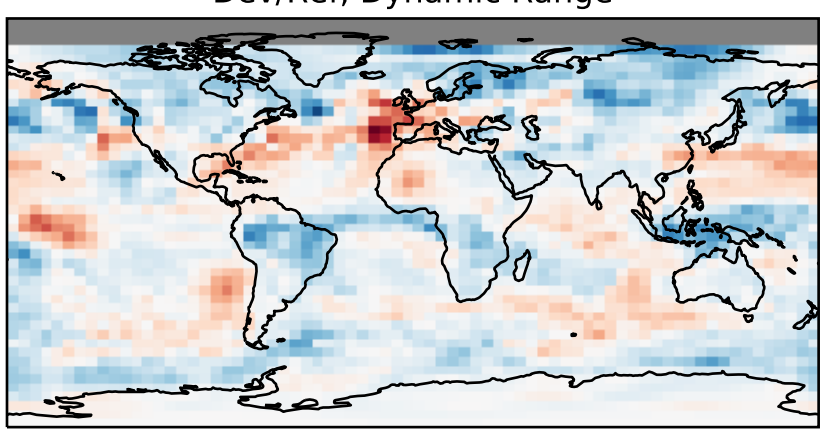


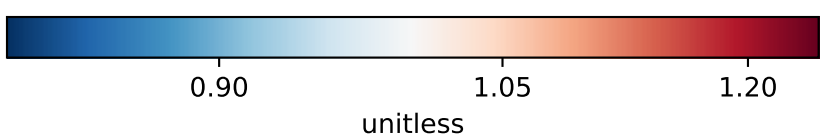
Difference
Dev - Ref, Restricted Range [5%,95%]



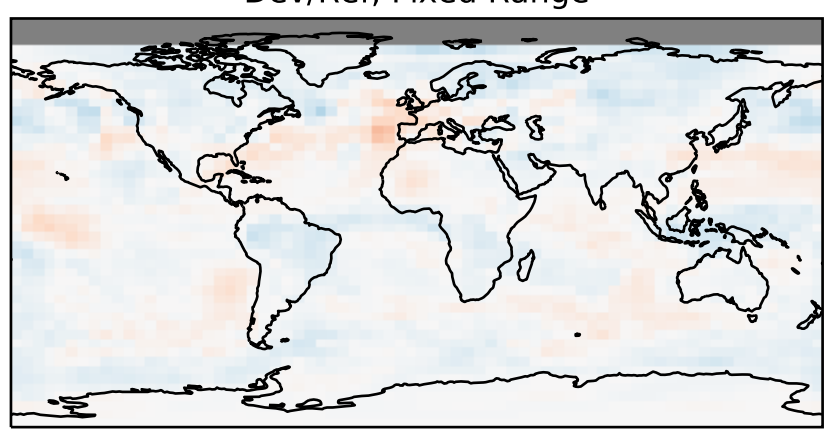


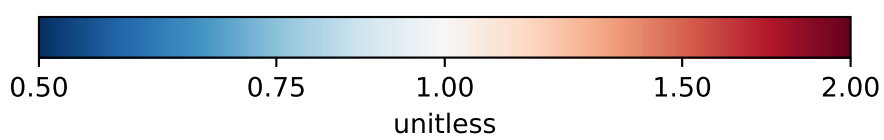
Ratio
Dev/Ref, Dynamic Range





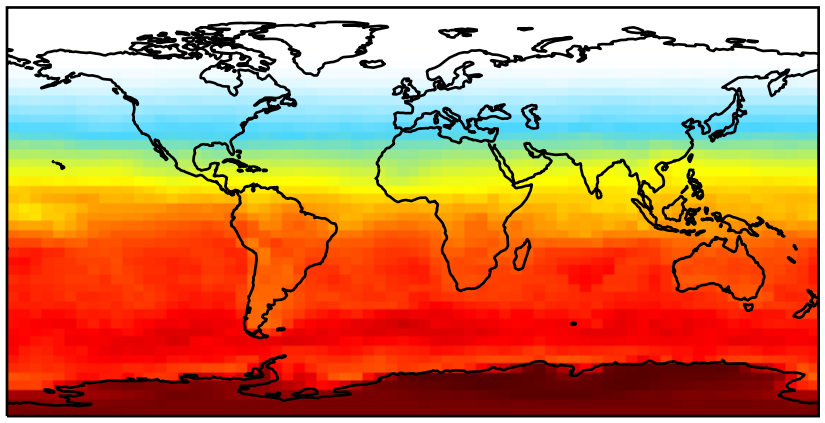
Ratio
Dev/Ref, Fixed Range

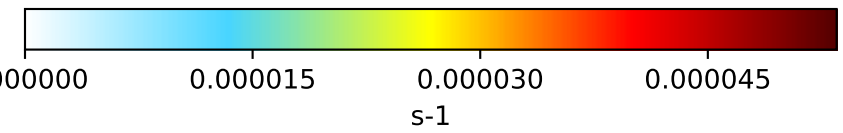




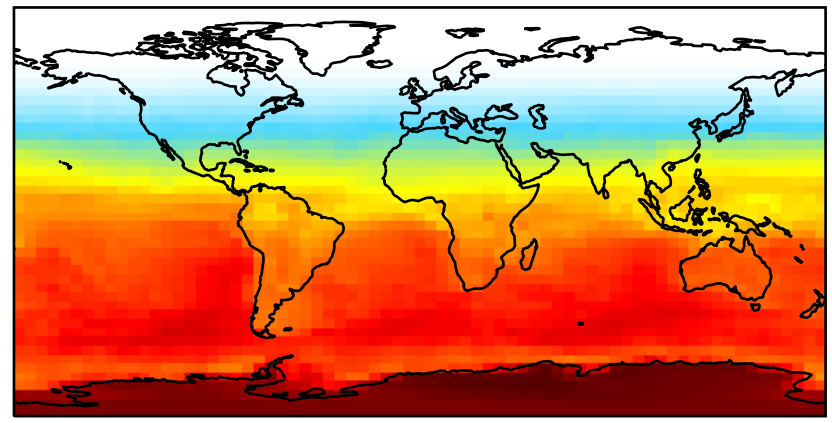
Jval_HPALD4 (Jan2019)

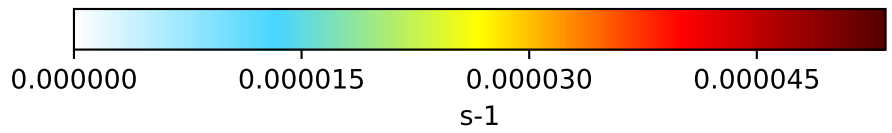
GCC_12.9.0 (Ref)
4.0x5.0



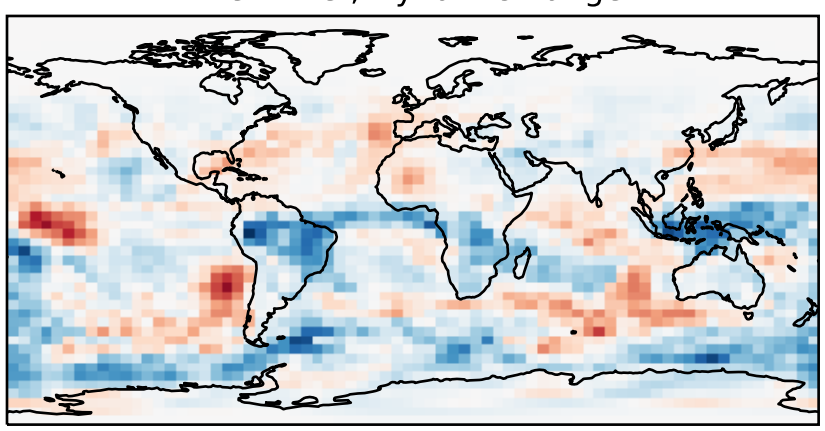


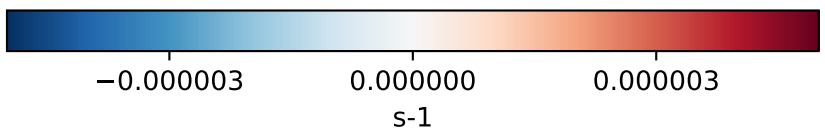
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



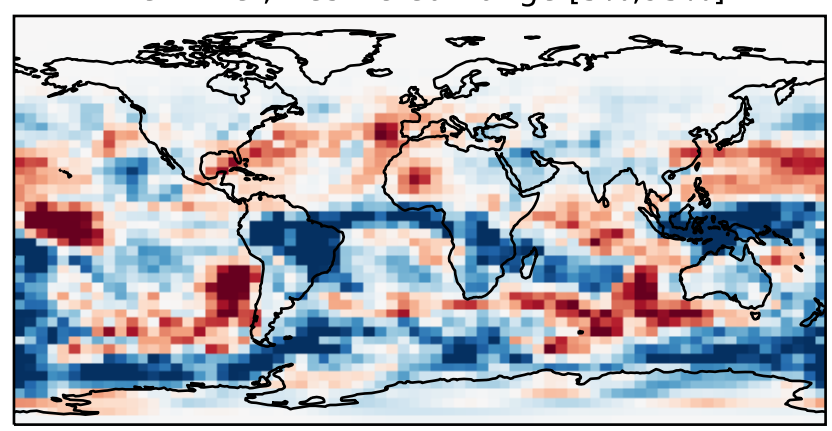


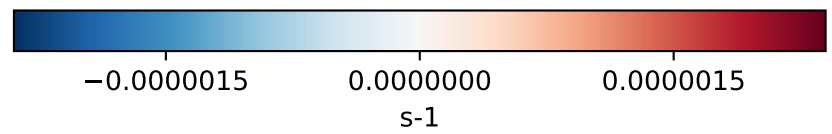
Difference
Dev - Ref, Dynamic Range



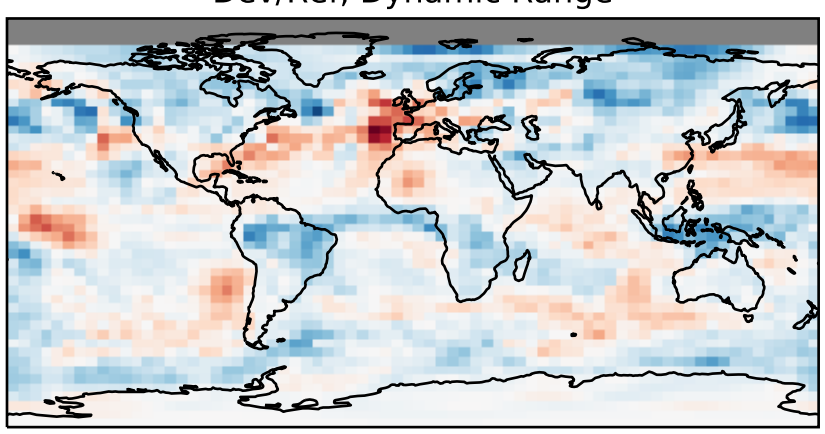


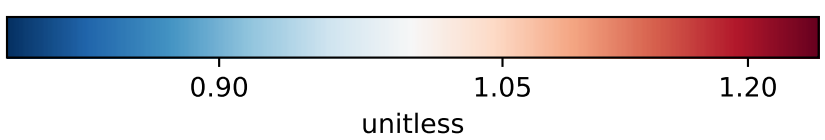
Difference
Dev - Ref, Restricted Range [5%,95%]



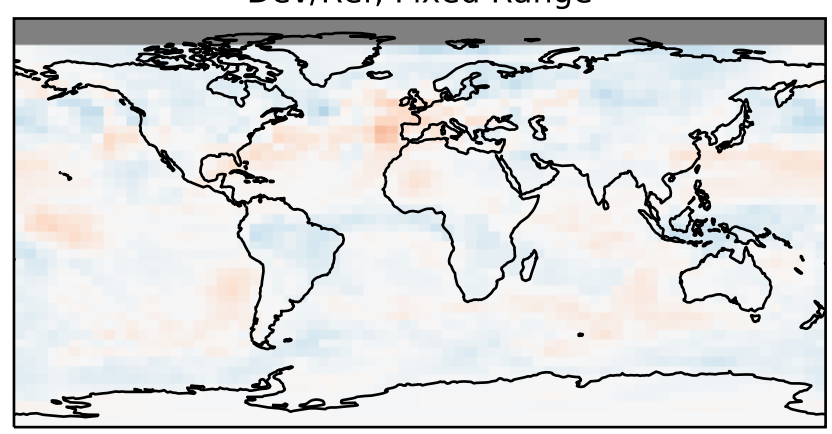


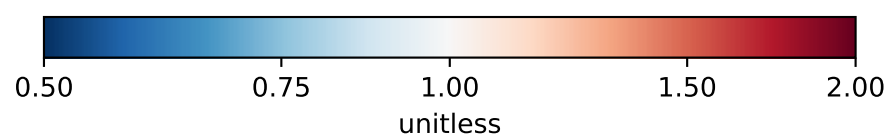
Ratio
Dev/Ref, Dynamic Range





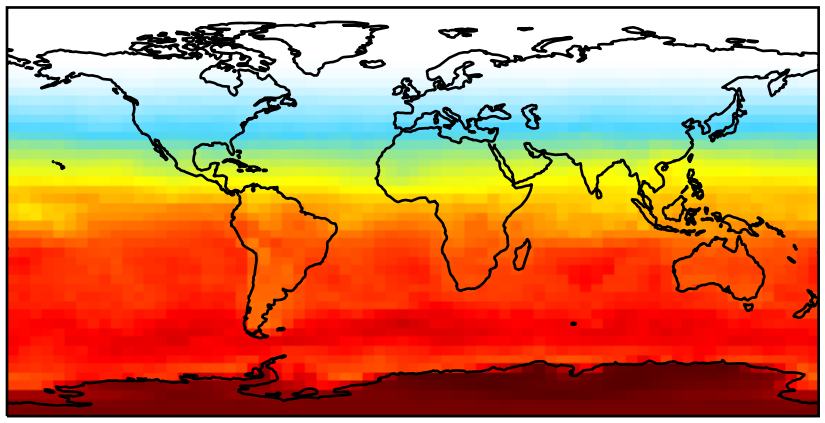
Ratio
Dev/Ref, Fixed Range





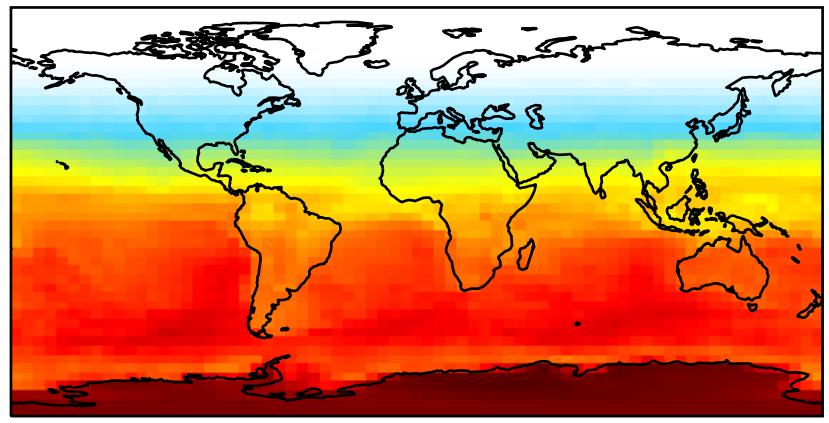
Jval_HPETHNL (Jan2019)

GCC_12.9.0 (Ref)
4.0x5.0



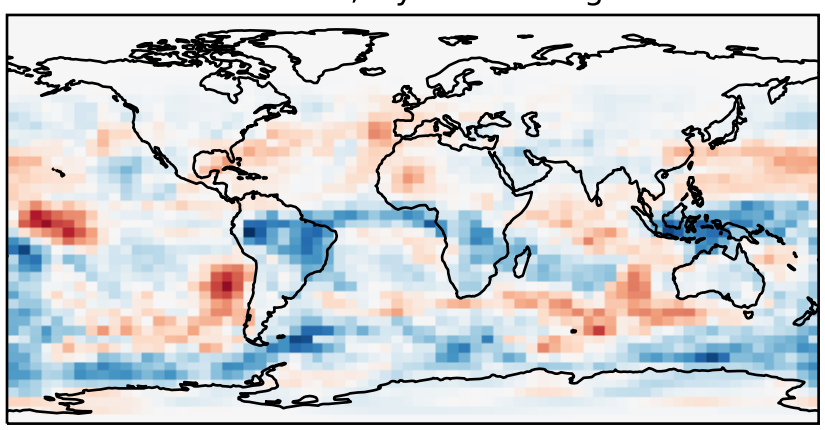


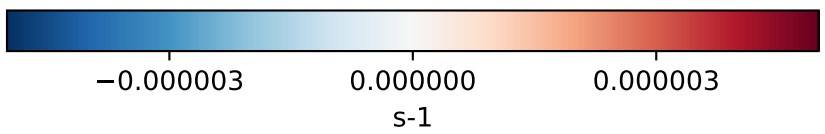
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



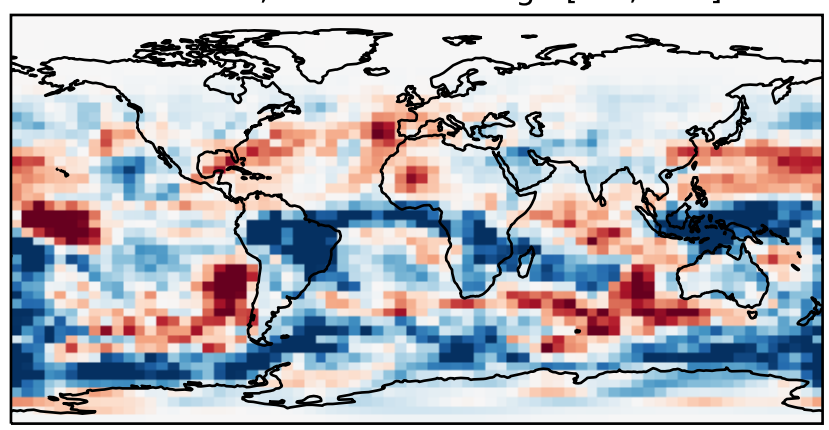


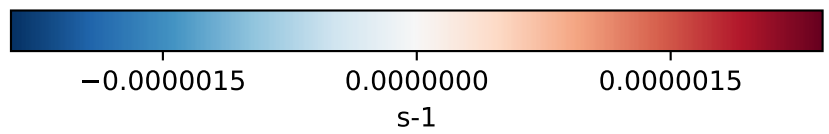
Difference
Dev - Ref, Dynamic Range



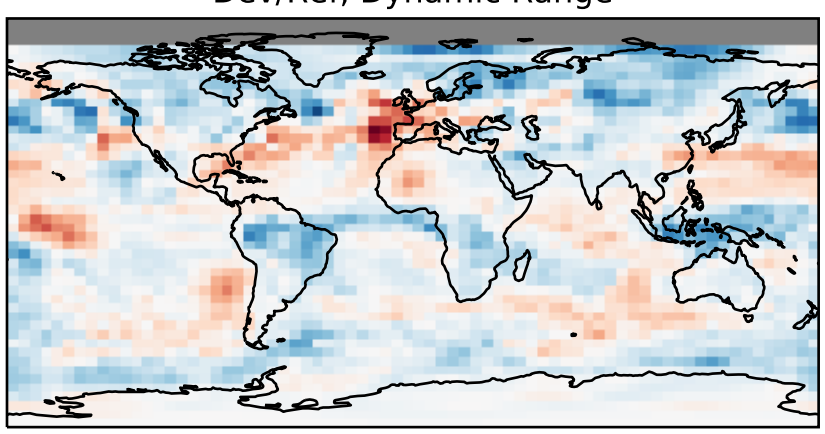


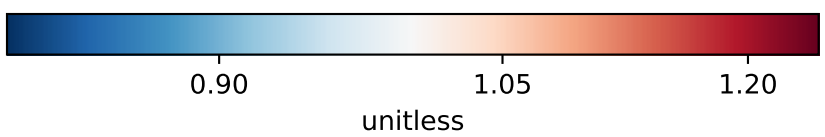
Difference
Dev - Ref, Restricted Range [5%,95%]



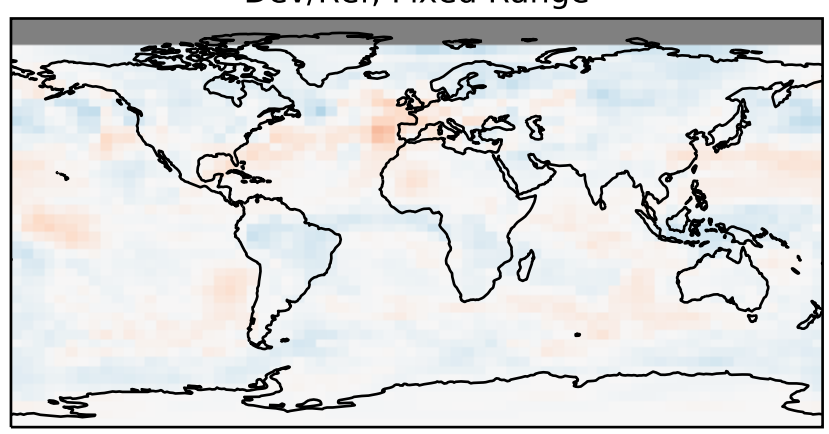


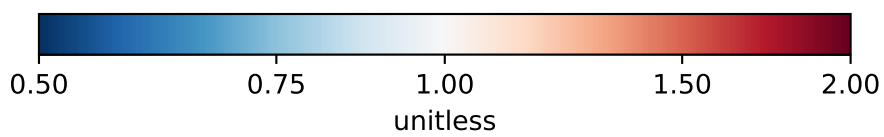
Ratio
Dev/Ref, Dynamic Range





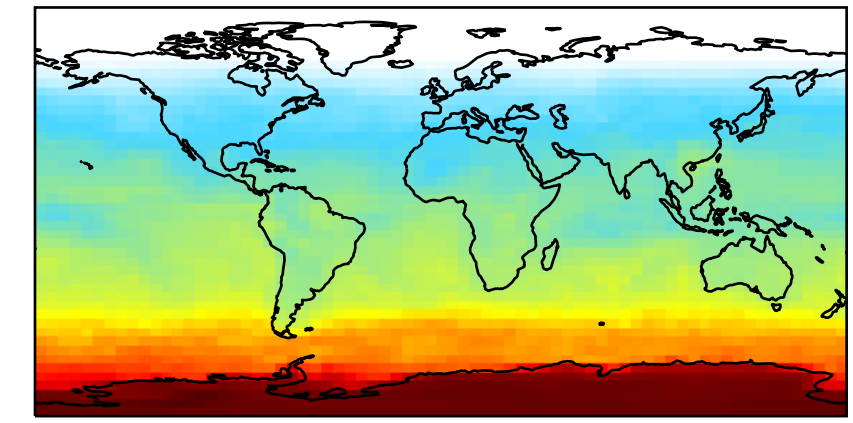
Ratio
Dev/Ref, Fixed Range

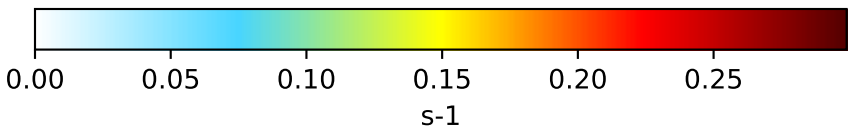




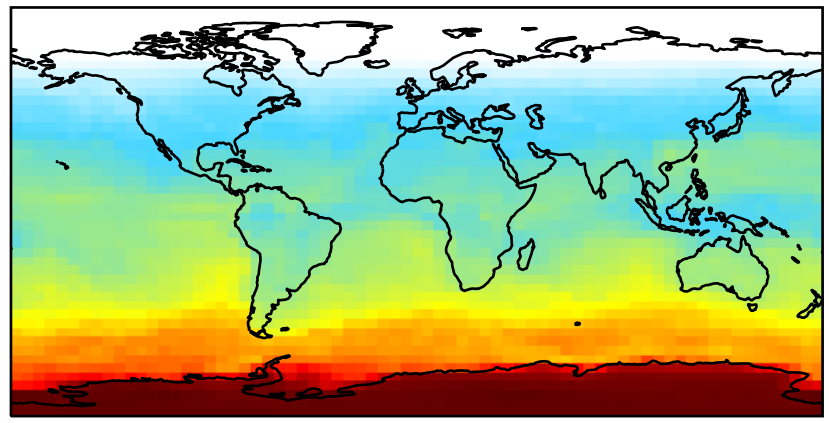
Jval_I2 (Jan2019)

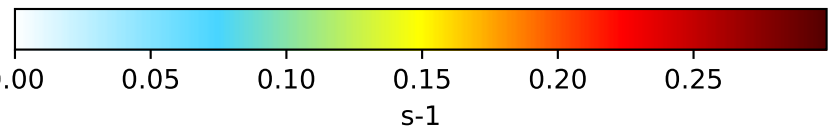
GCC_12.9.0 (Ref)
4.0x5.0



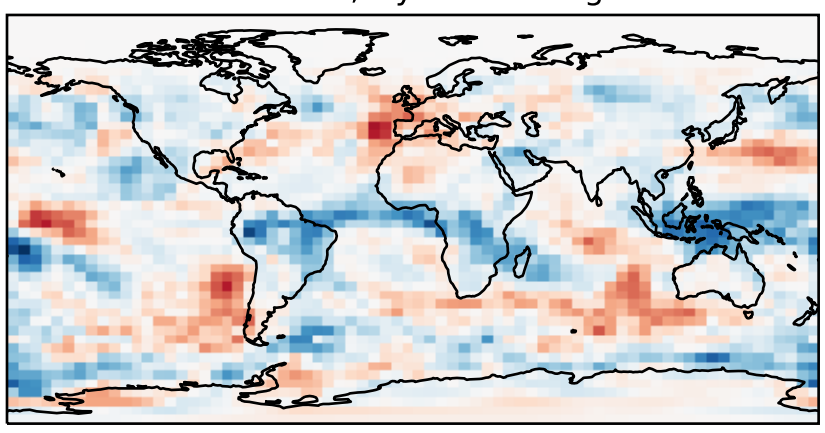


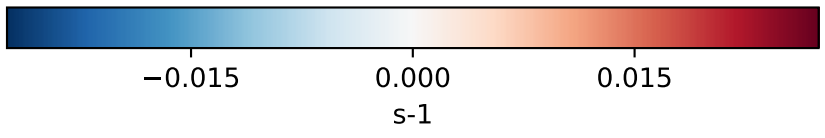
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



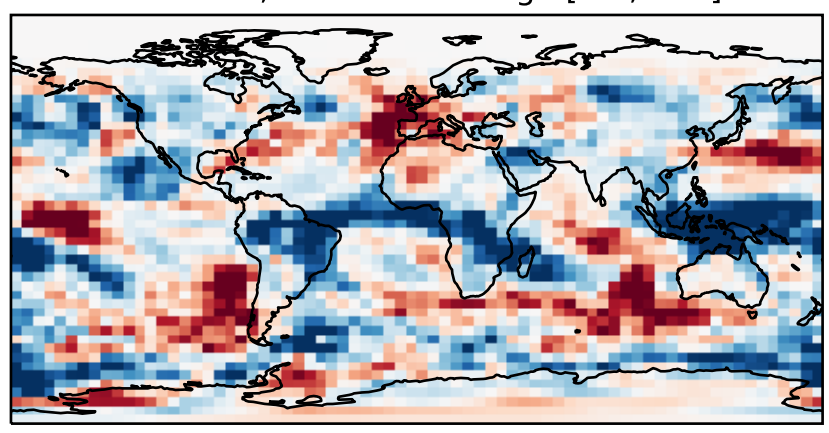


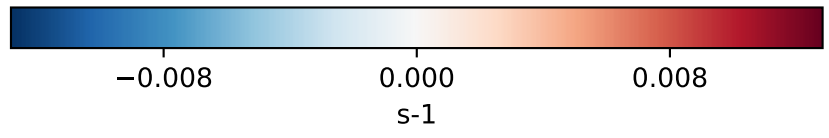
Difference
Dev - Ref, Dynamic Range



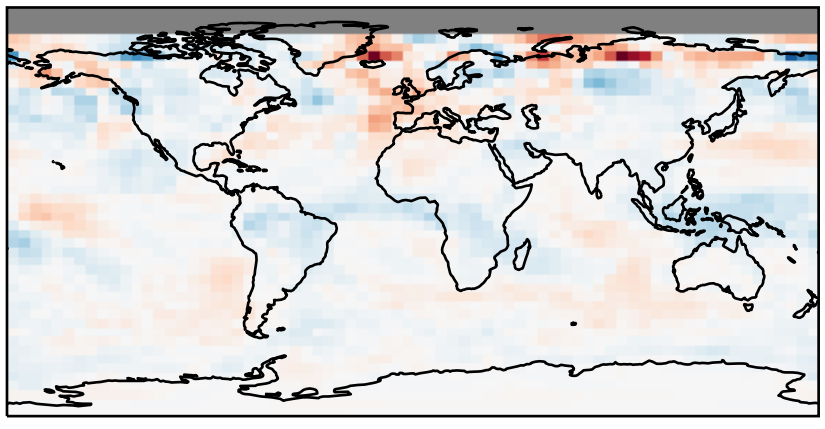


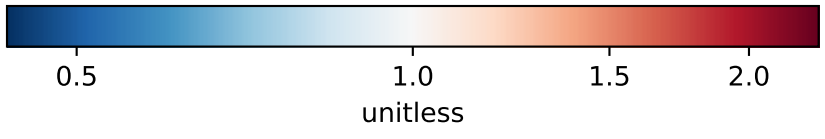
Difference
Dev - Ref, Restricted Range [5%,95%]



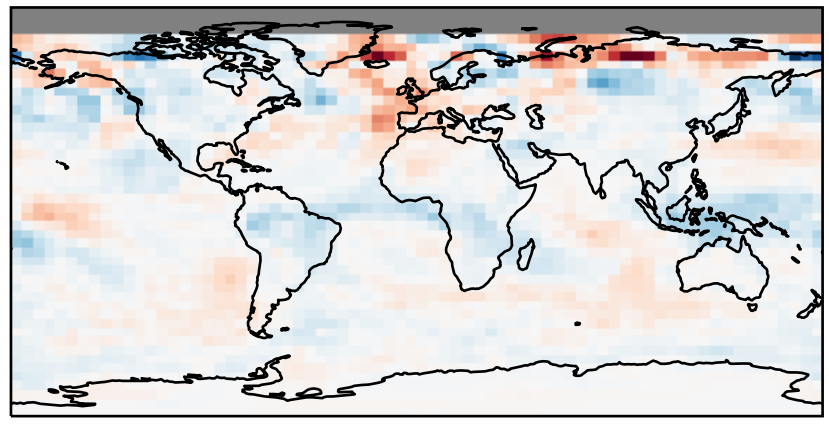


Ratio
Dev/Ref, Dynamic Range





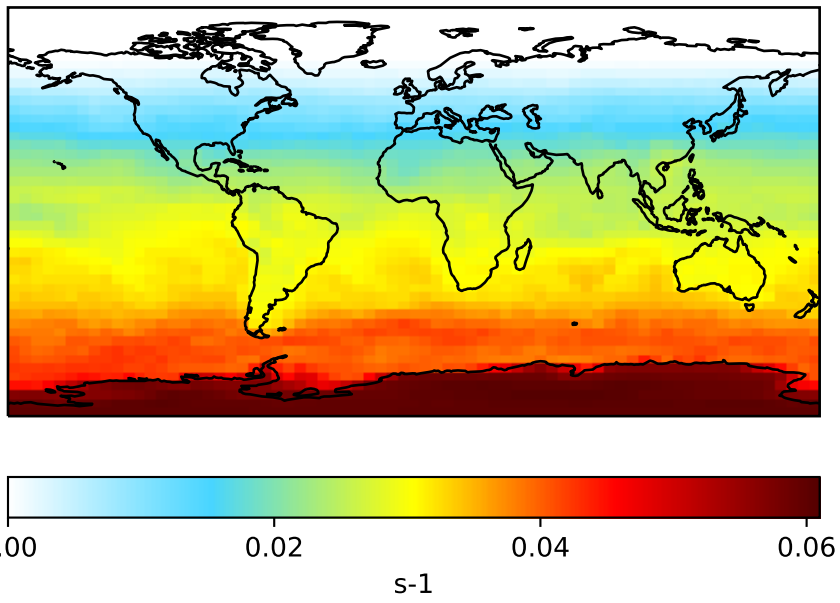
Ratio
Dev/Ref, Fixed Range



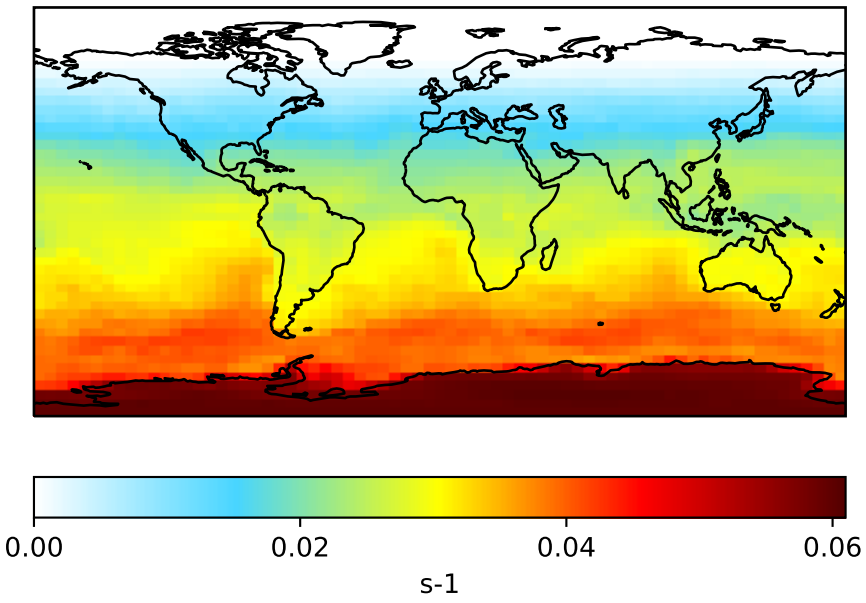


Jval_I2O2 (Jan2019)

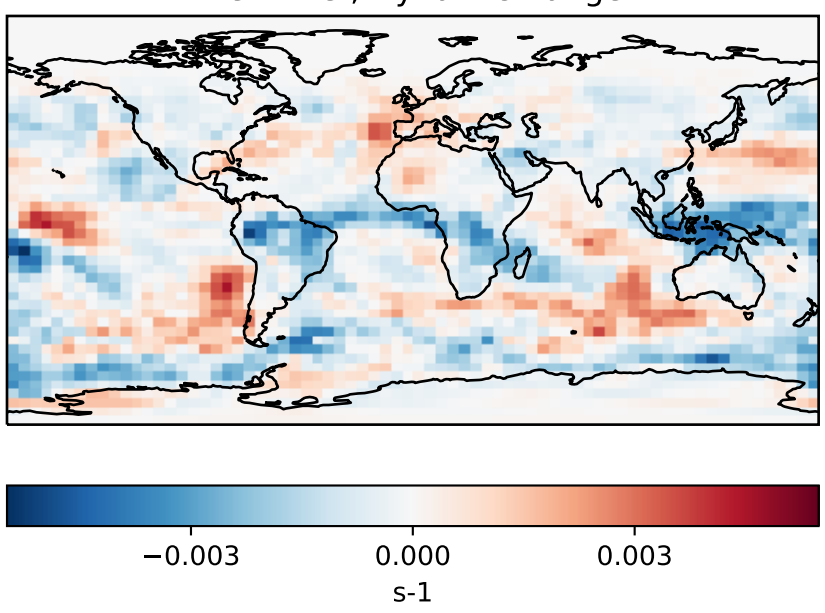
GCC_12.9.0 (Ref)
4.0x5.0



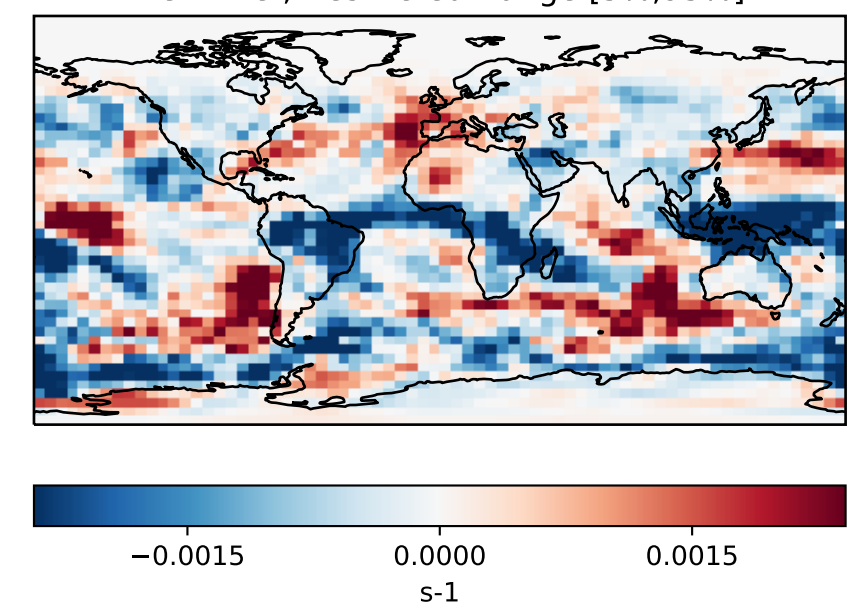
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



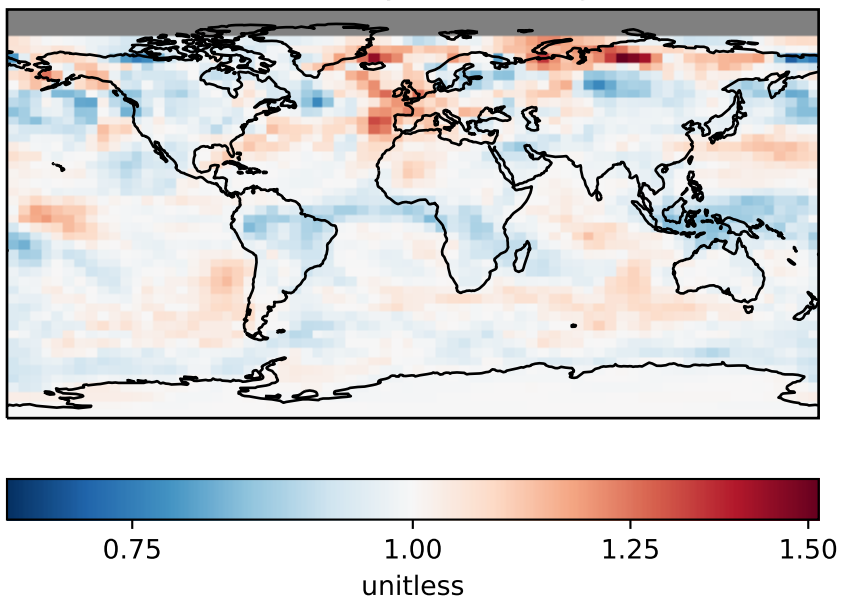
Difference
Dev - Ref, Dynamic Range



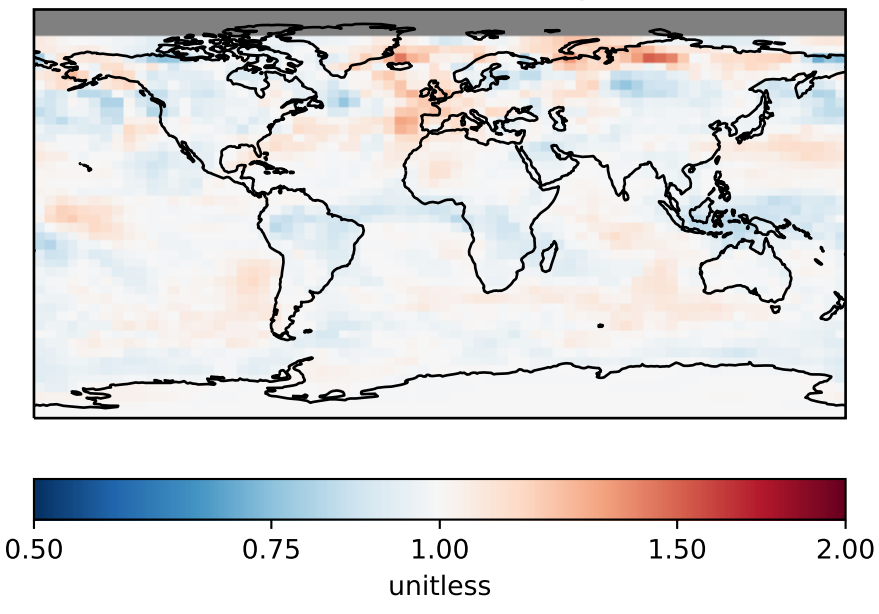
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

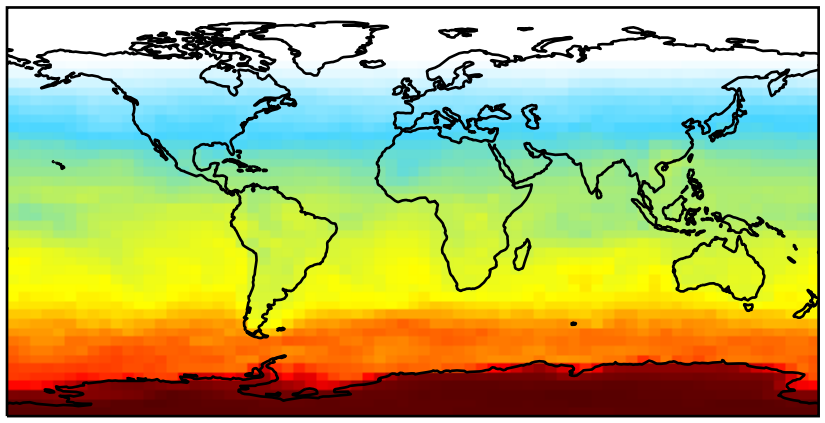


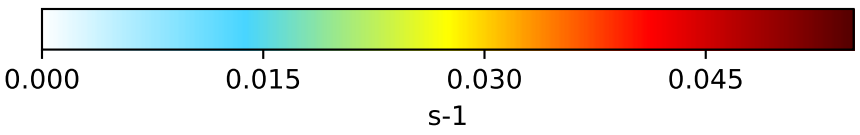
Ratio
Dev/Ref, Fixed Range



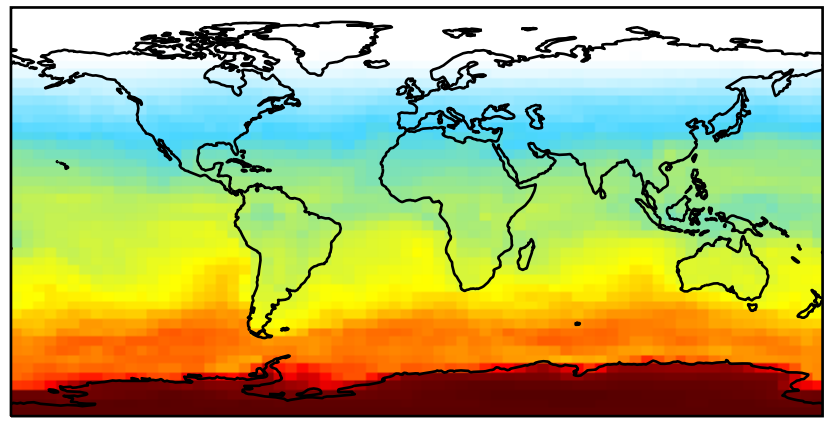
Jval_I2O3 (Jan2019)

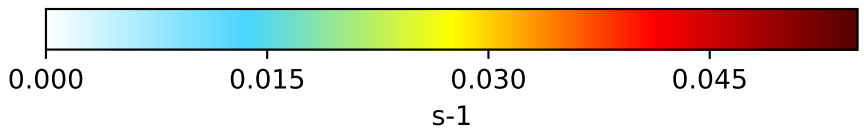
GCC_12.9.0 (Ref)
4.0x5.0



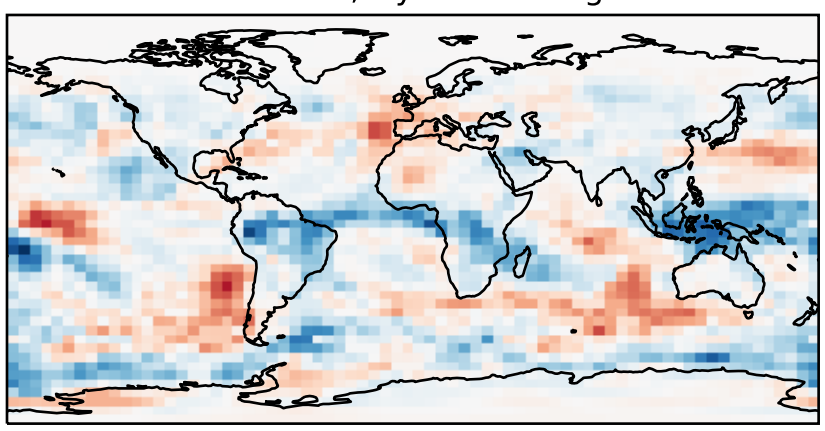


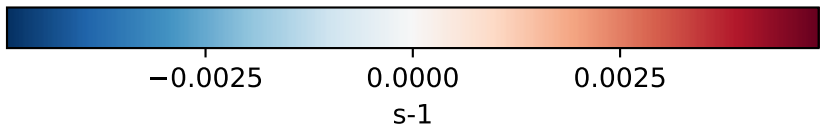
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



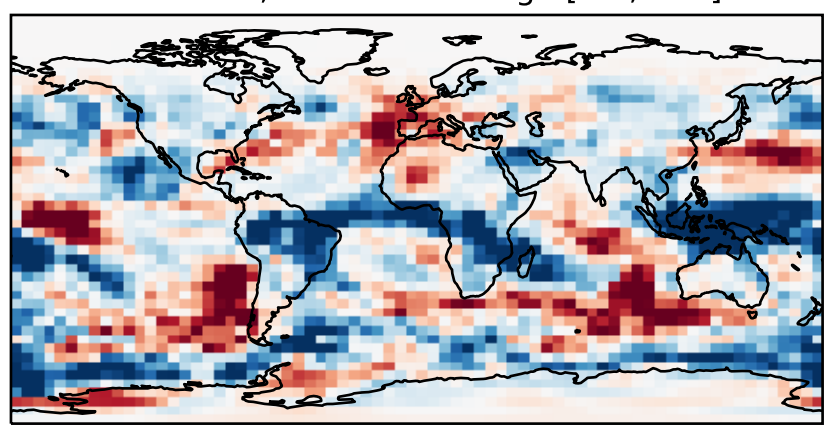


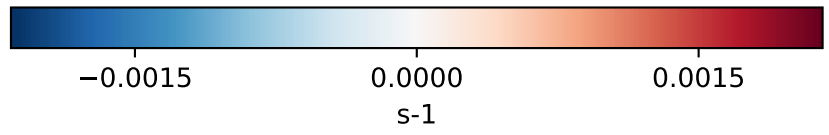
Difference
Dev - Ref, Dynamic Range



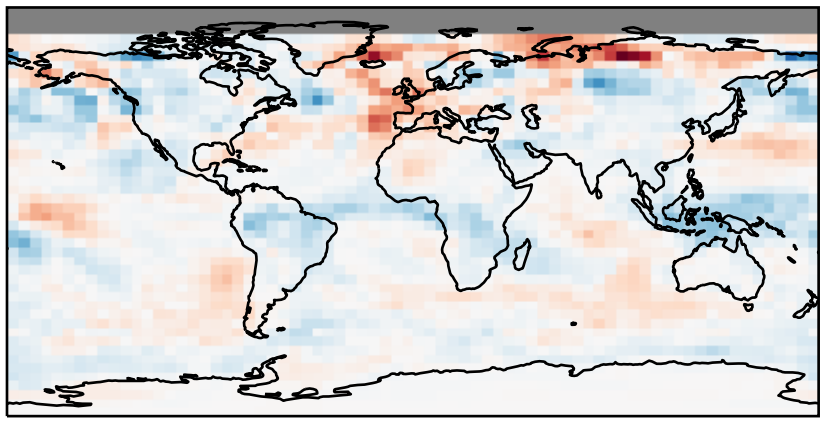


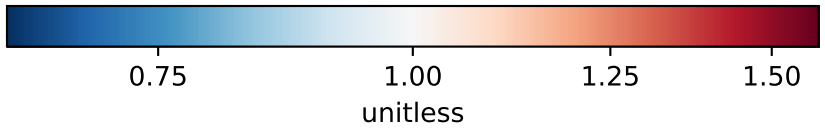
Difference
Dev - Ref, Restricted Range [5%,95%]



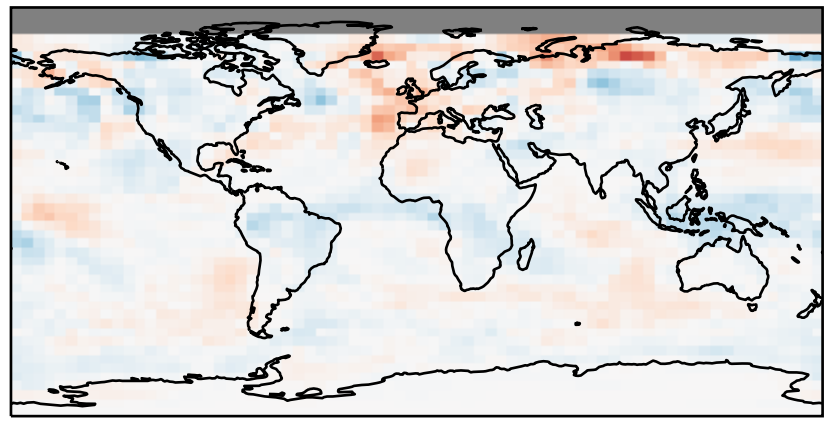


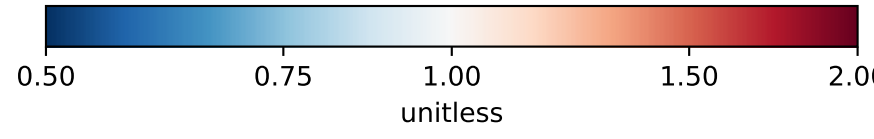
Ratio
Dev/Ref, Dynamic Range





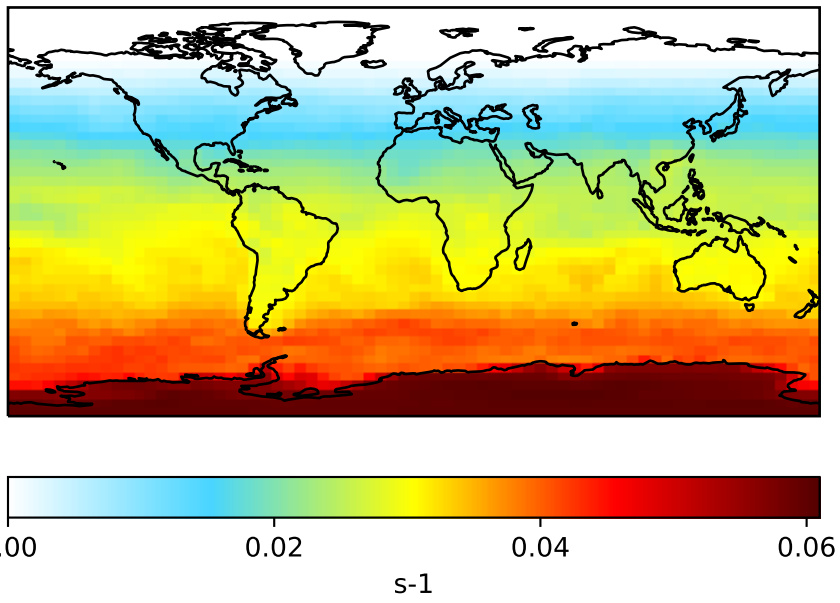
Ratio
Dev/Ref, Fixed Range



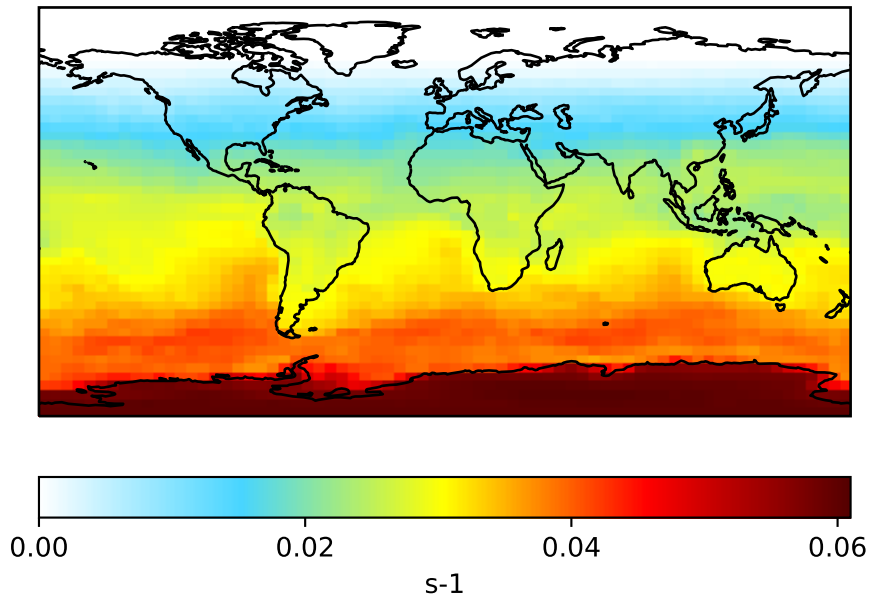


Jval_I2O4 (Jan2019)

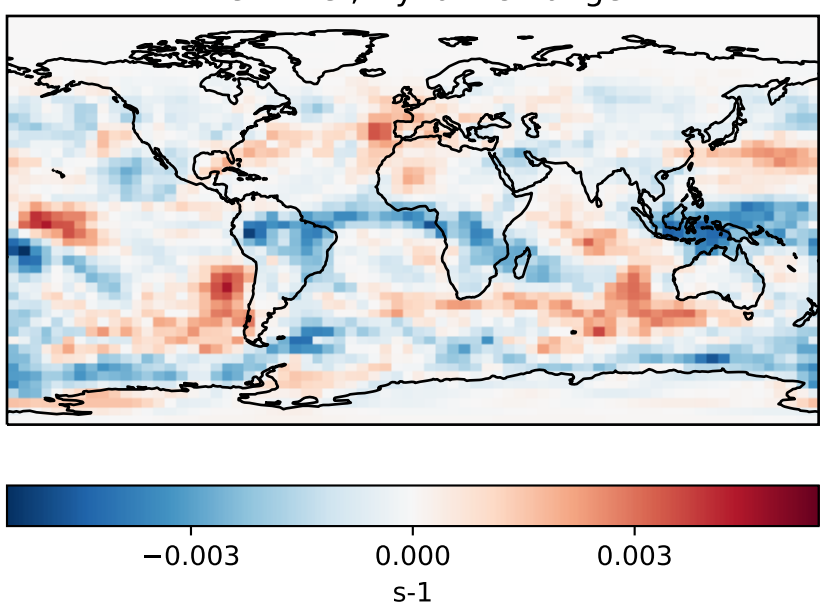
GCC_12.9.0 (Ref)
4.0x5.0



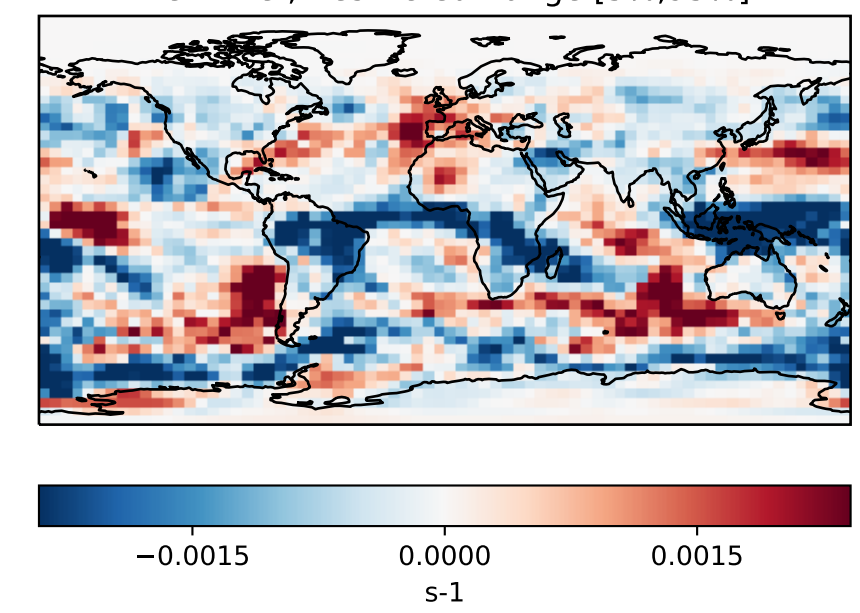
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



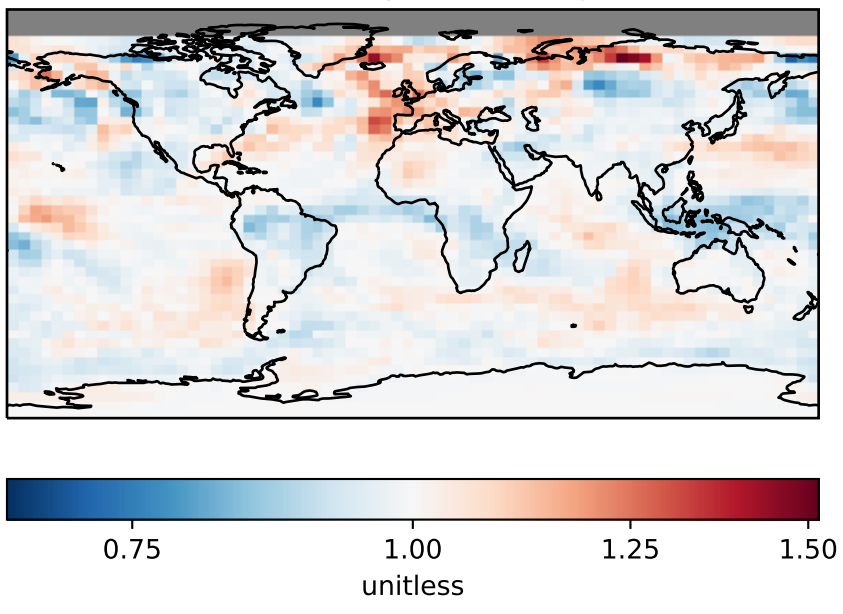
Difference
Dev - Ref, Dynamic Range



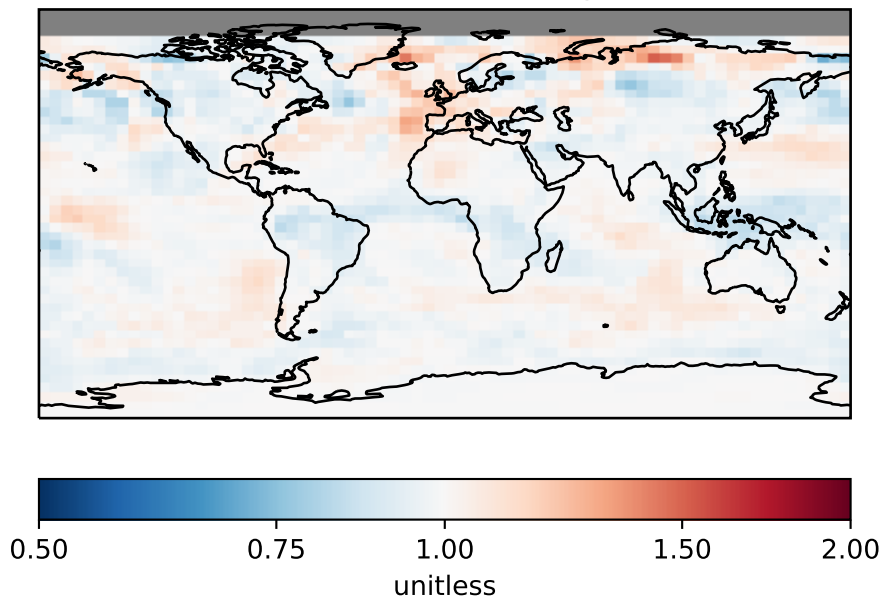
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

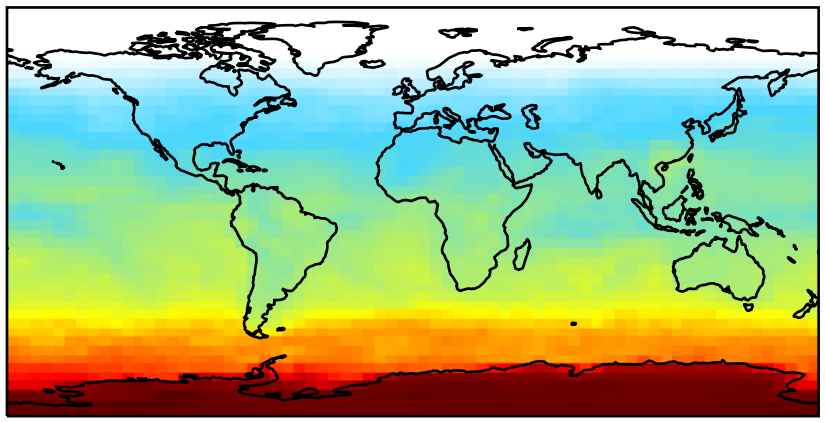


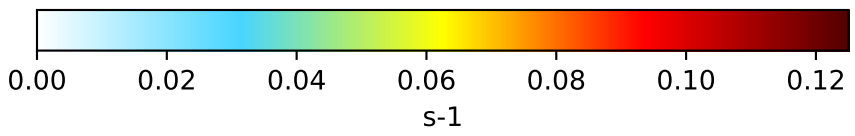
Ratio
Dev/Ref, Fixed Range



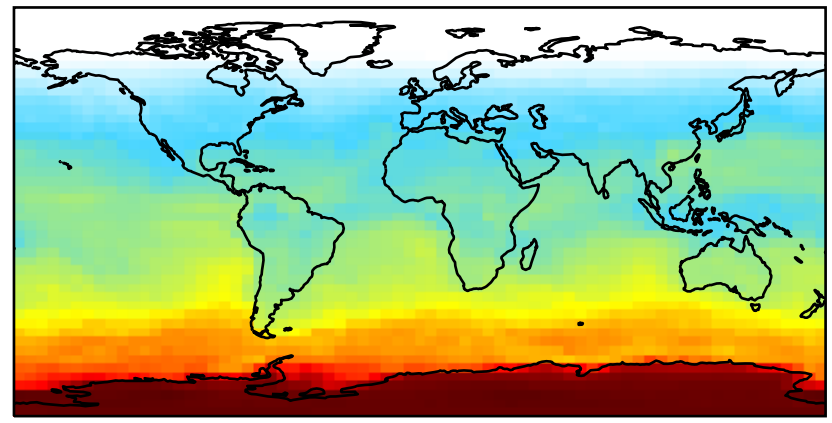
Jval_IBr (Jan2019)

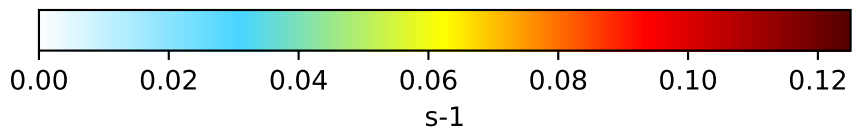
GCC_12.9.0 (Ref)
4.0x5.0



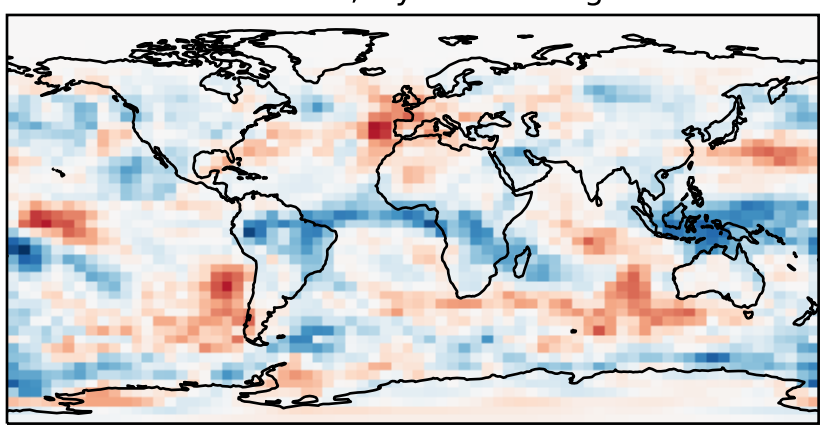


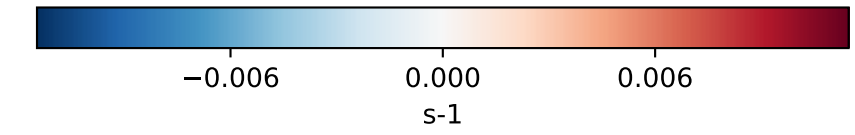
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



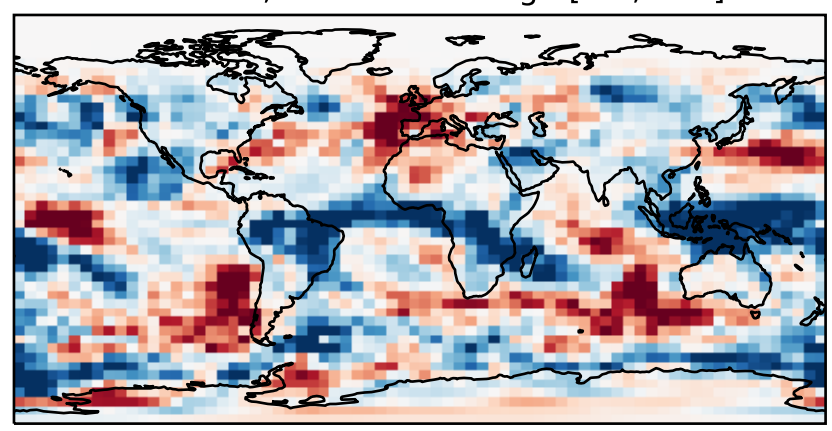


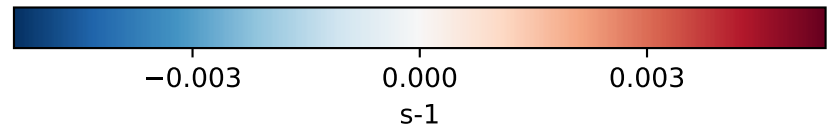
Difference
Dev - Ref, Dynamic Range



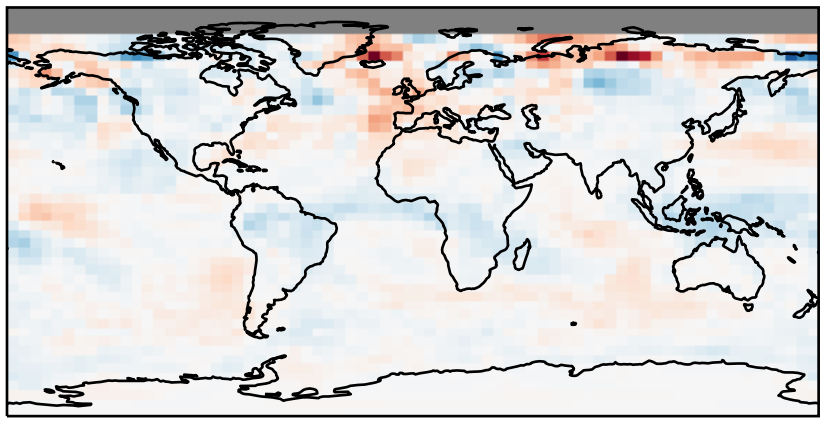


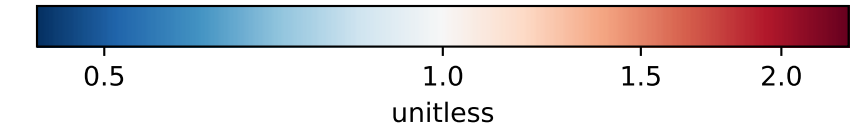
Difference
Dev - Ref, Restricted Range [5%,95%]



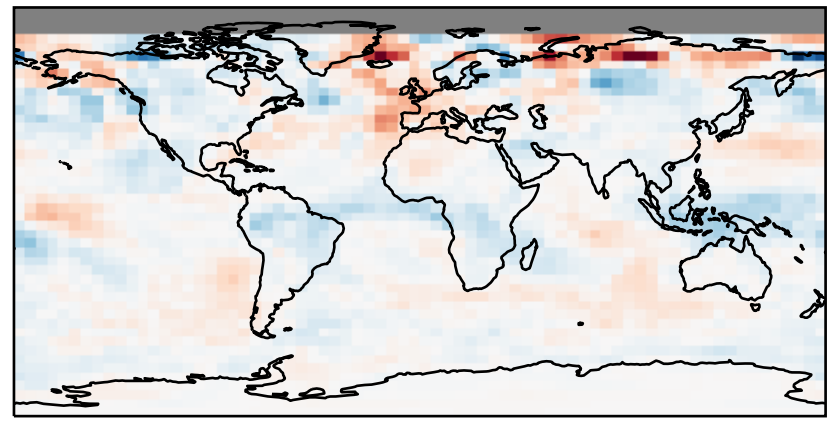


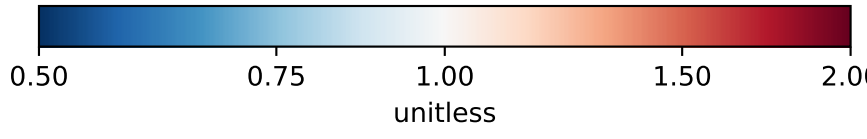
Ratio
Dev/Ref, Dynamic Range





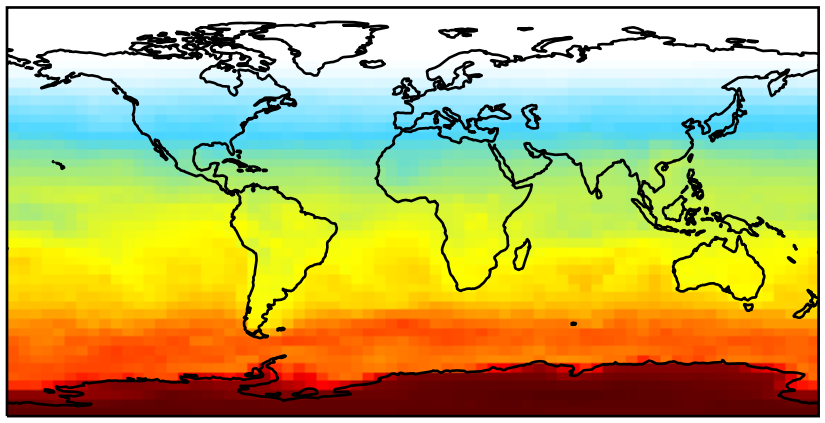
Ratio
Dev/Ref, Fixed Range

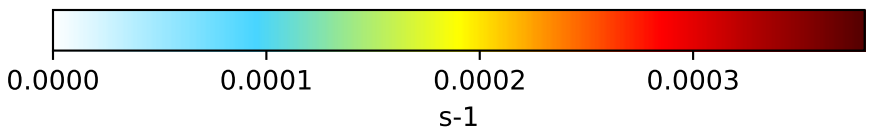




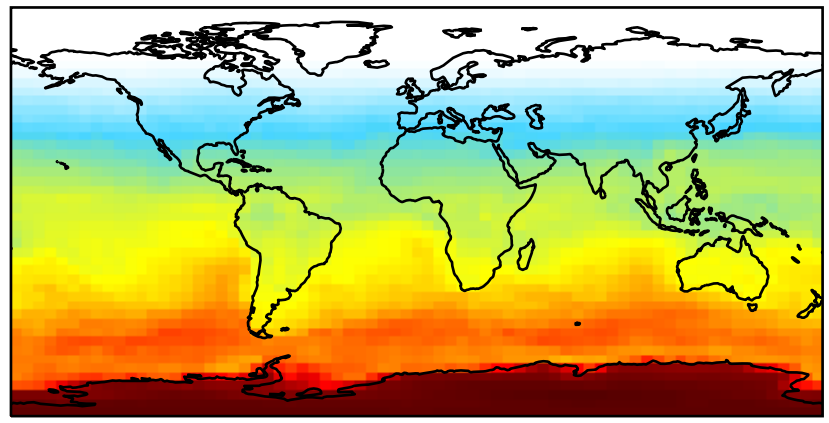
Jval_ICN (Jan2019)

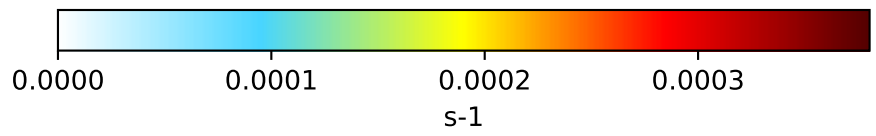
GCC_12.9.0 (Ref)
4.0x5.0



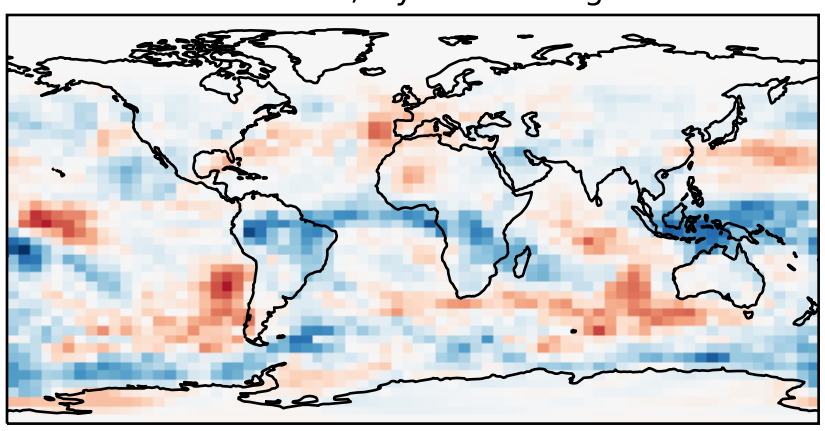


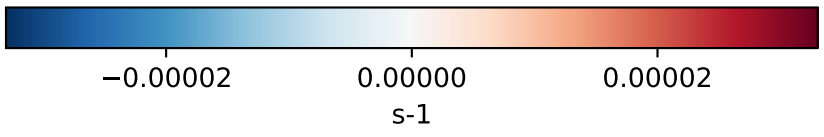
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



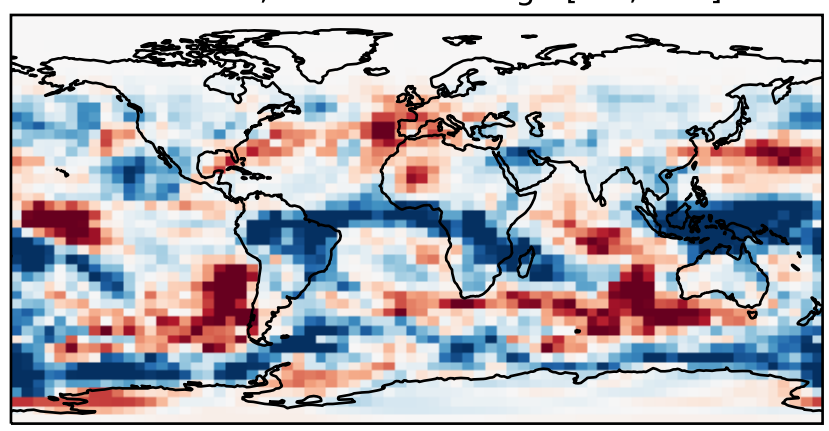


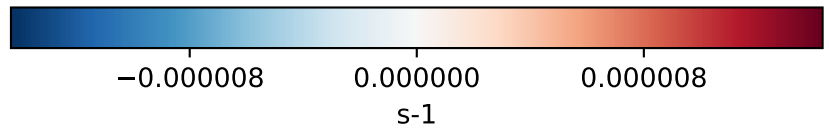
Difference
Dev - Ref, Dynamic Range



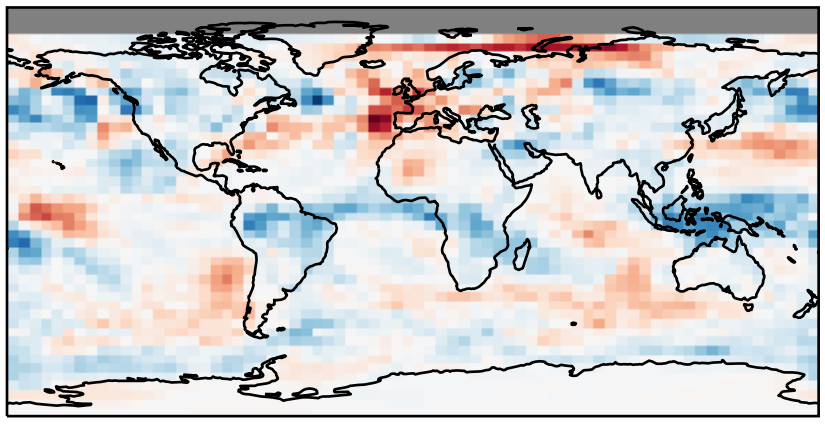


Difference
Dev - Ref, Restricted Range [5%,95%]



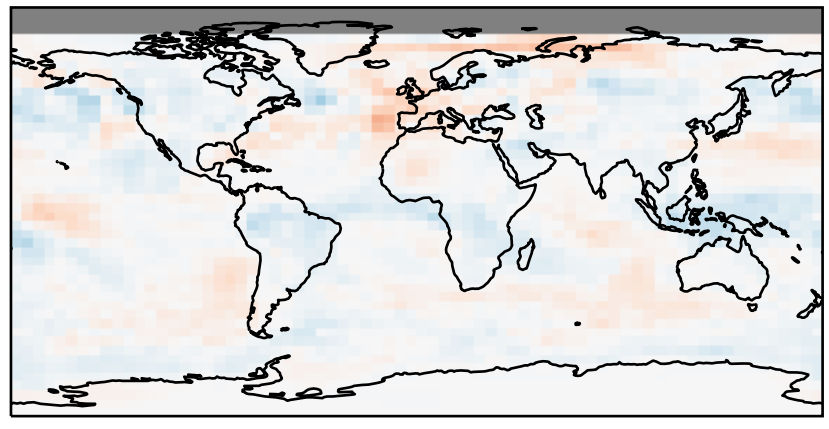


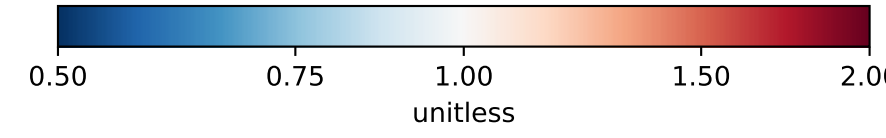
Ratio
Dev/Ref, Dynamic Range





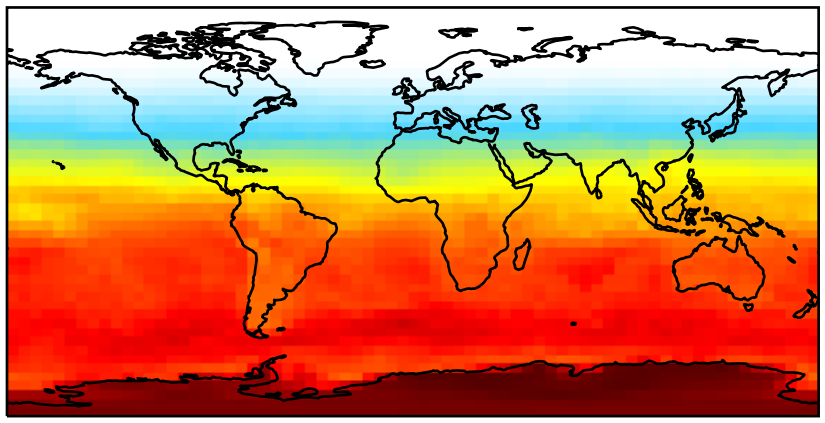
Ratio
Dev/Ref, Fixed Range

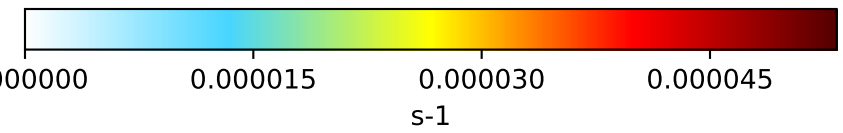




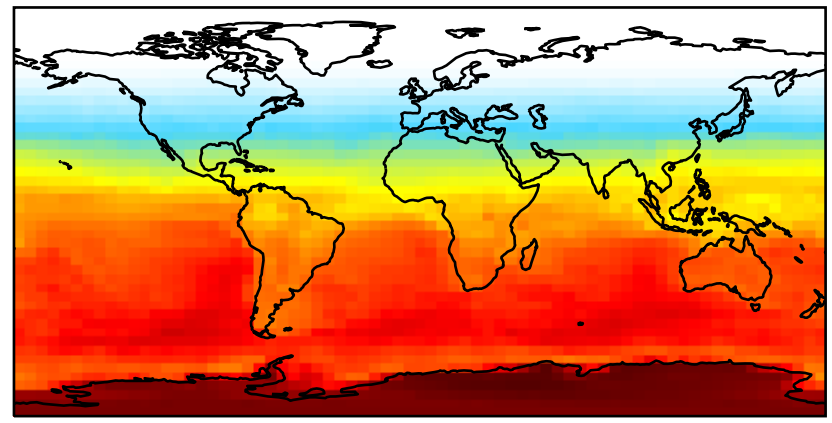
Jval_ICPDH (Jan2019)

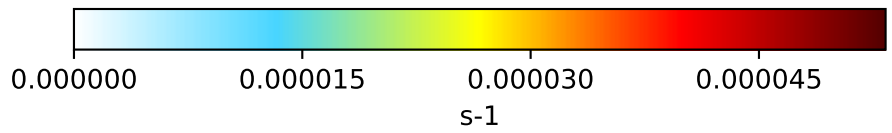
GCC_12.9.0 (Ref)
4.0x5.0



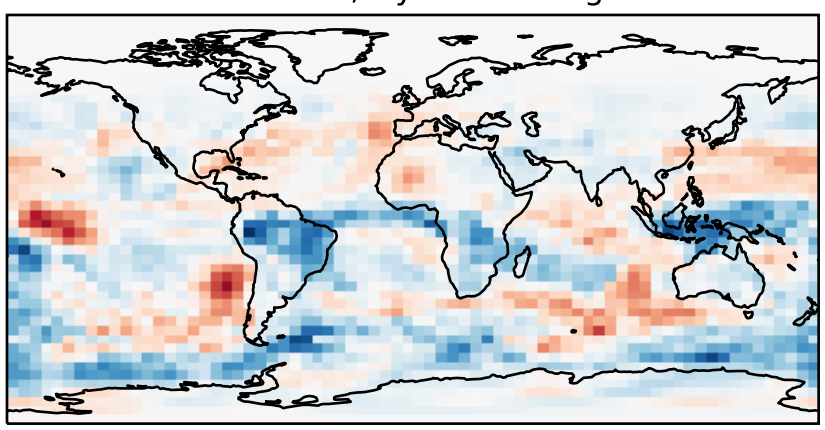


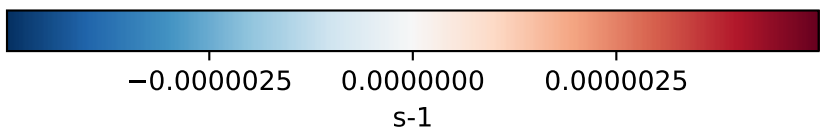
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



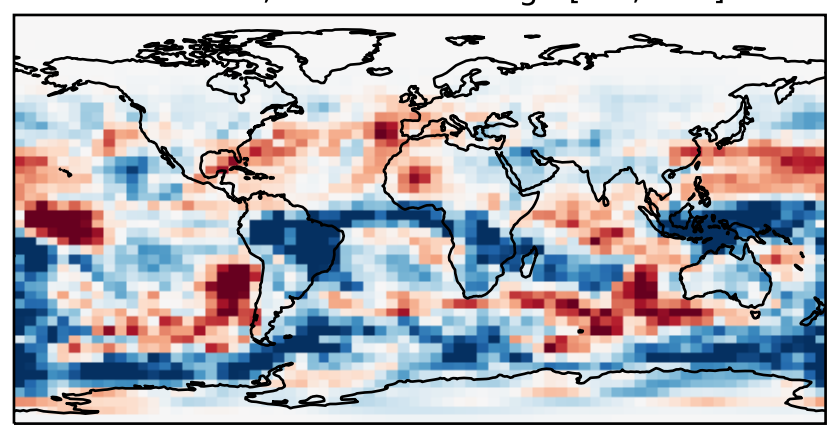


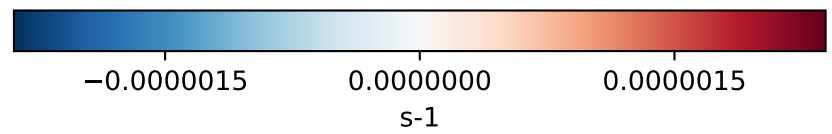
Difference
Dev - Ref, Dynamic Range



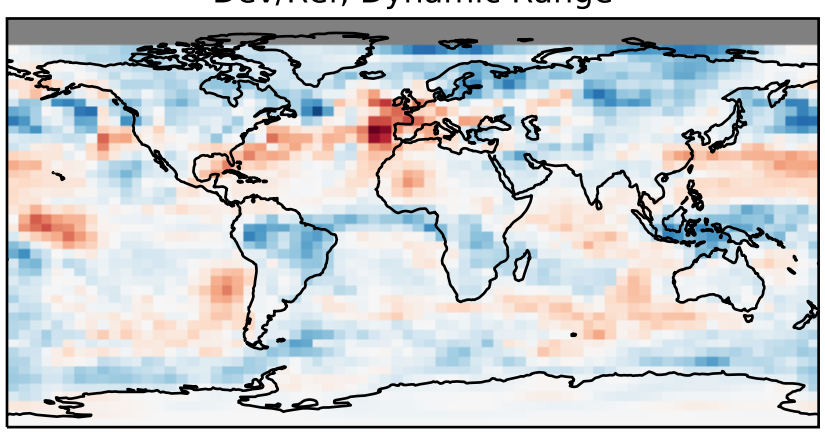


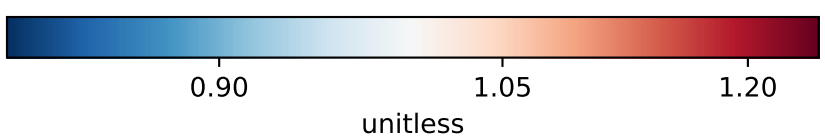
Difference
Dev - Ref, Restricted Range [5%,95%]



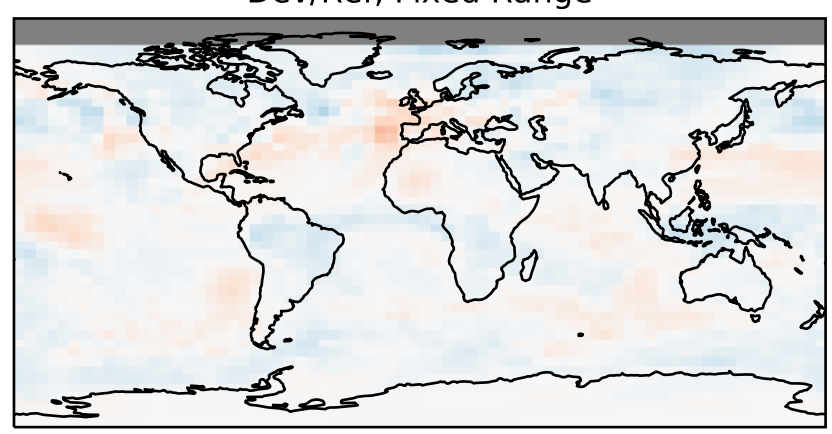


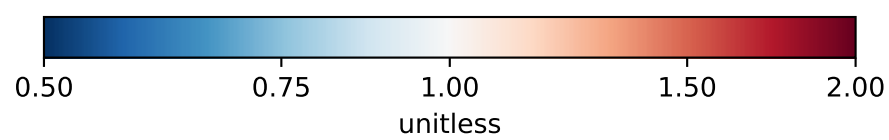
Ratio
Dev/Ref, Dynamic Range





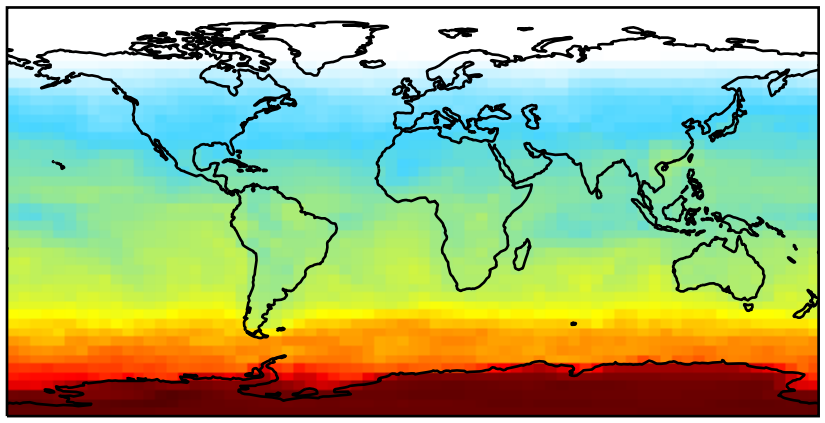
Ratio
Dev/Ref, Fixed Range

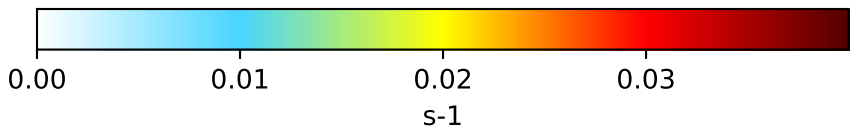




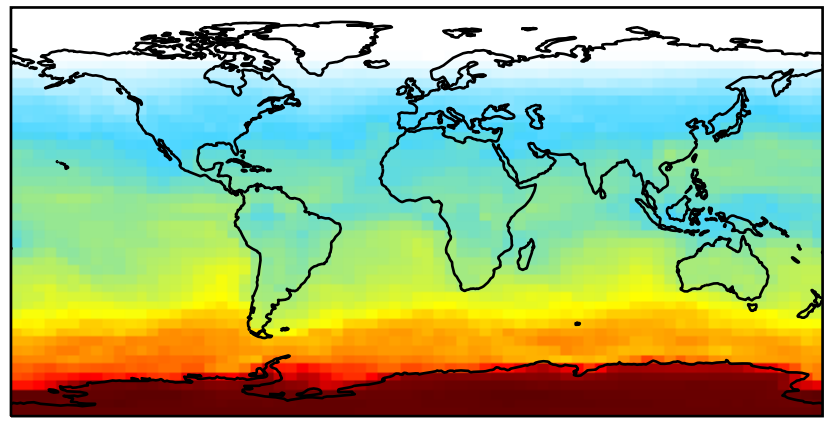
Jval_ICl (Jan2019)

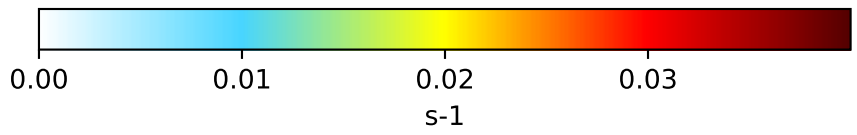
GCC_12.9.0 (Ref)
4.0x5.0



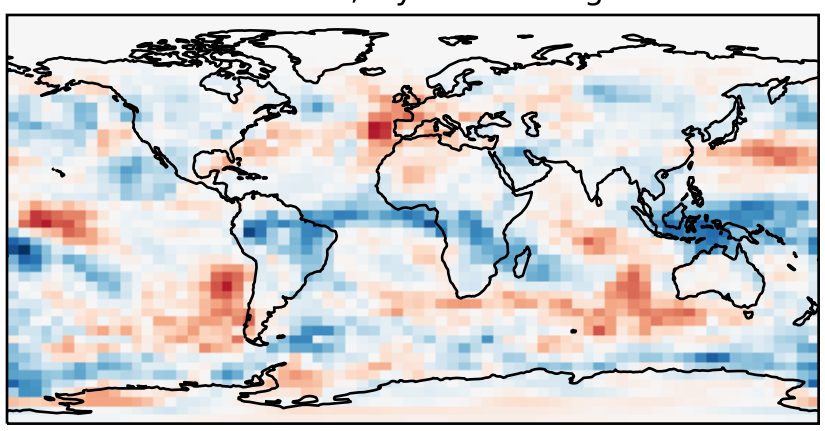


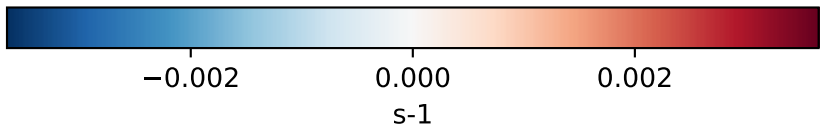
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



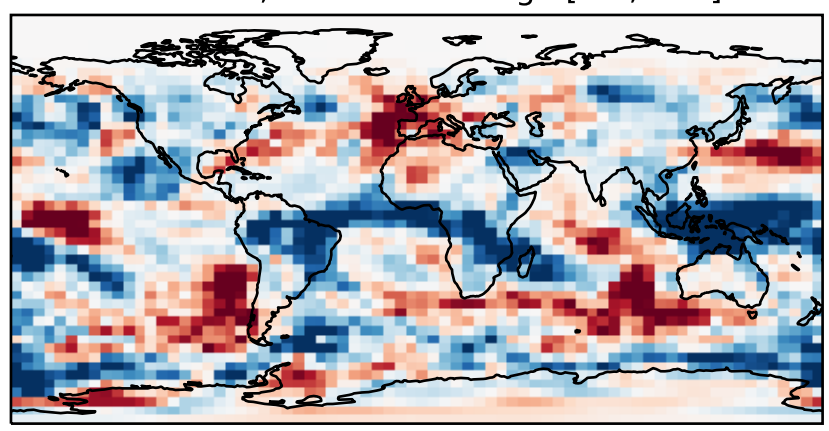


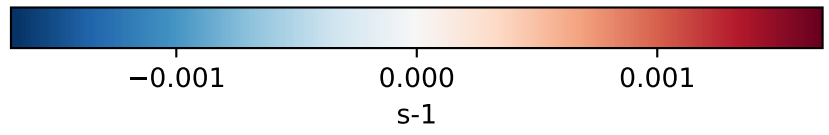
Difference
Dev - Ref, Dynamic Range



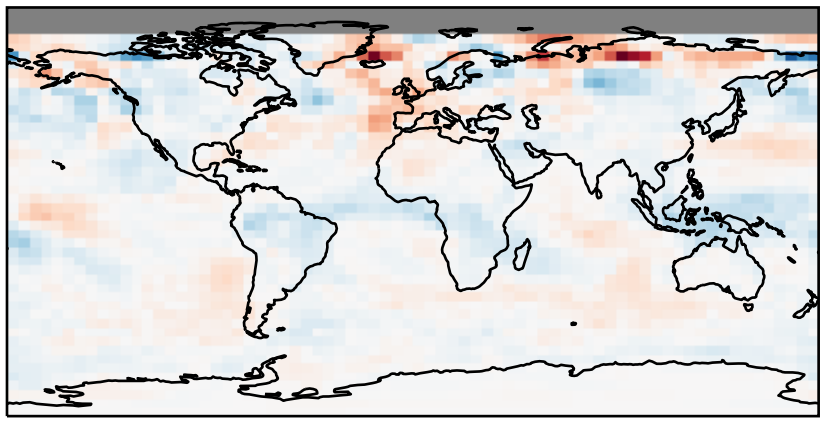


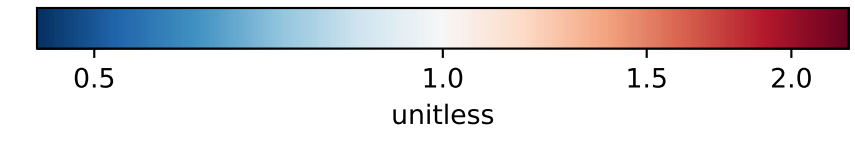
Difference
Dev - Ref, Restricted Range [5%,95%]



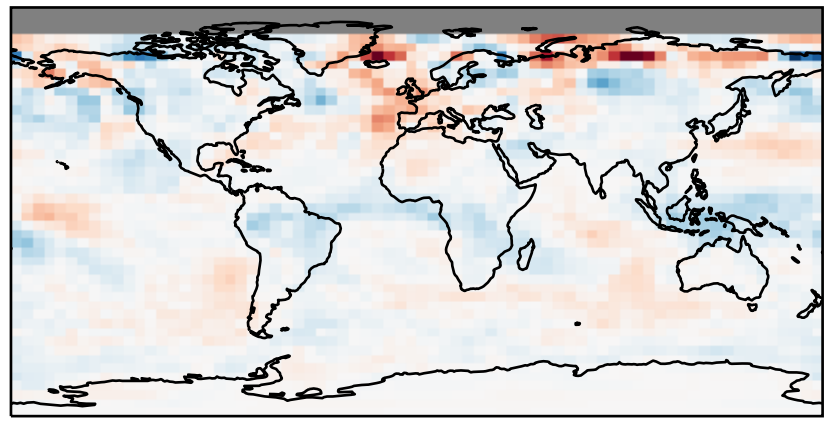


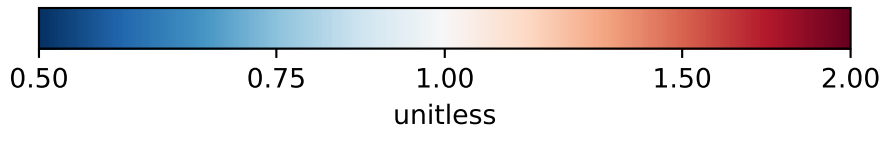
Ratio
Dev/Ref, Dynamic Range





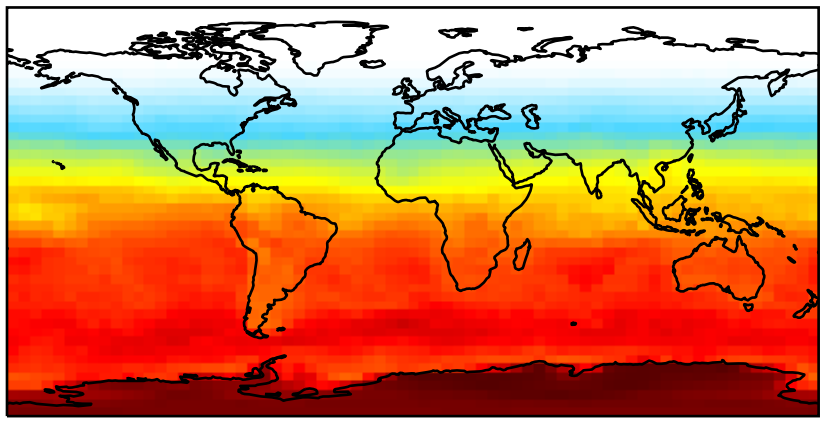
Ratio
Dev/Ref, Fixed Range

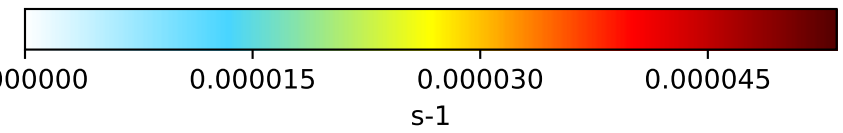




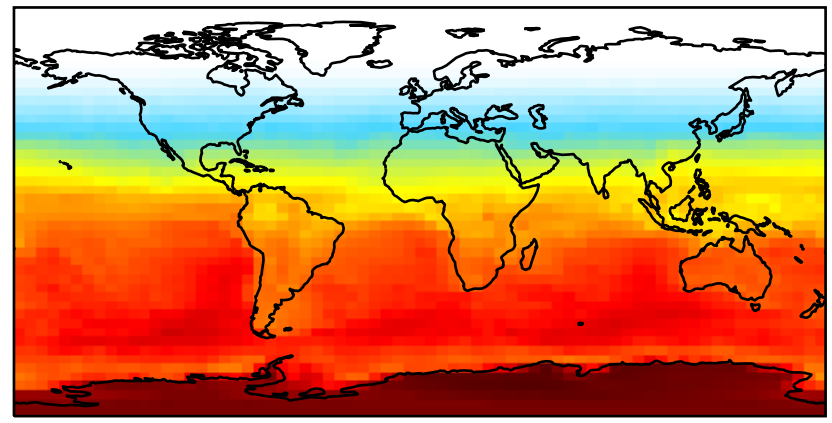
Jval_IDCHP (Jan2019)

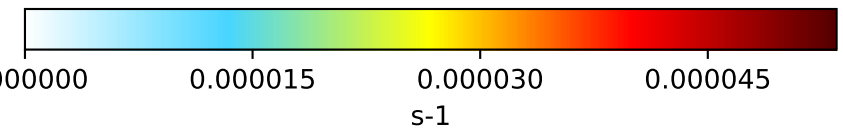
GCC_12.9.0 (Ref)
4.0x5.0



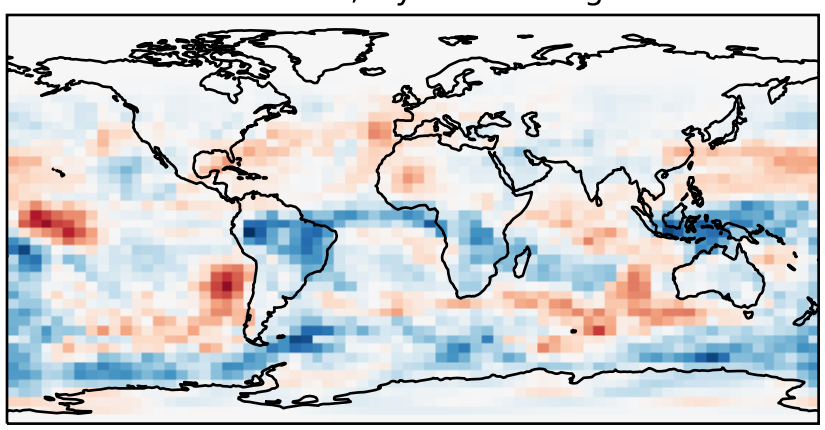


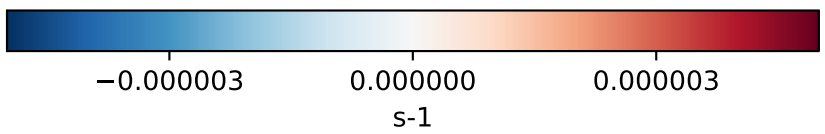
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



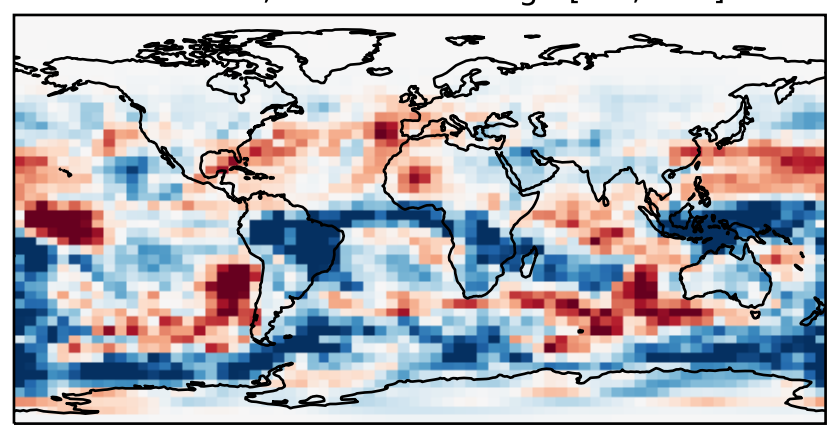


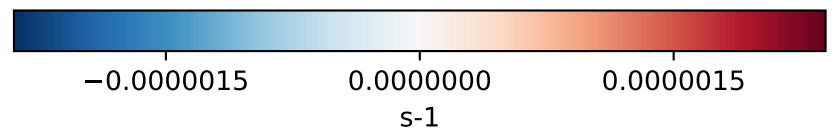
Difference
Dev - Ref, Dynamic Range



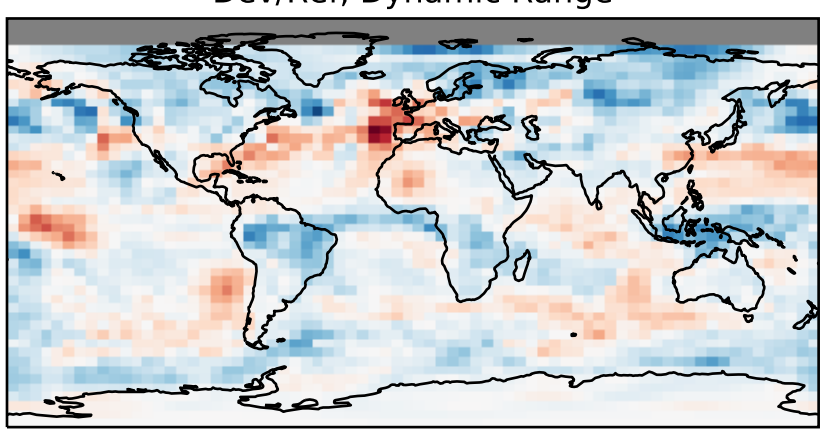


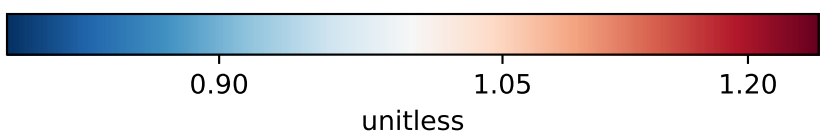
Difference
Dev - Ref, Restricted Range [5%,95%]



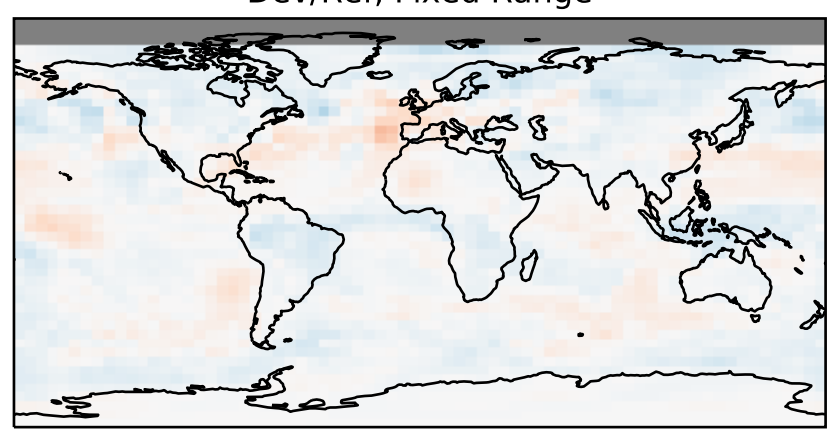


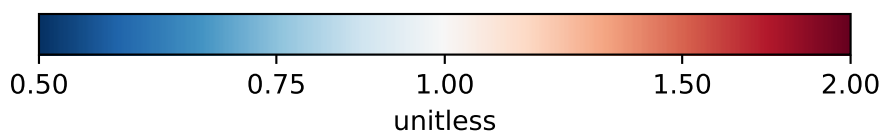
Ratio
Dev/Ref, Dynamic Range





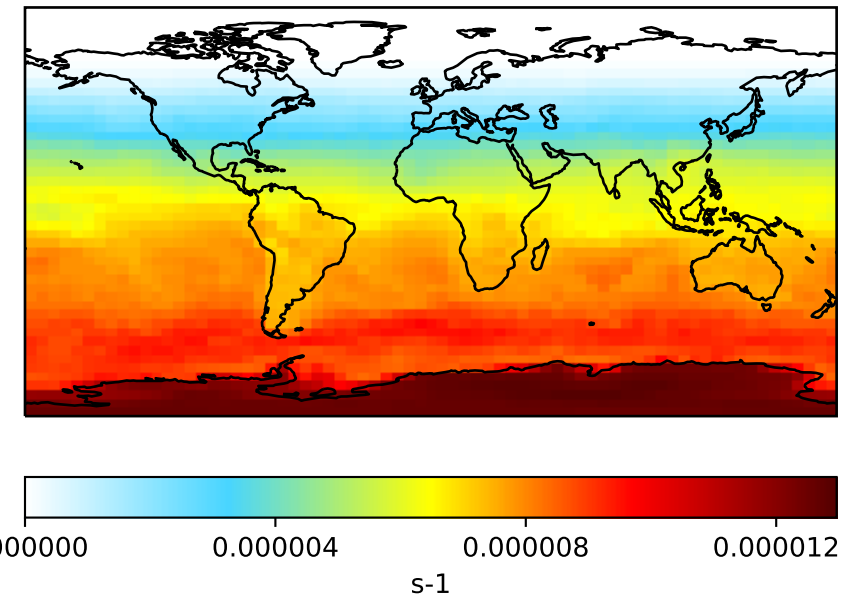
Ratio
Dev/Ref, Fixed Range



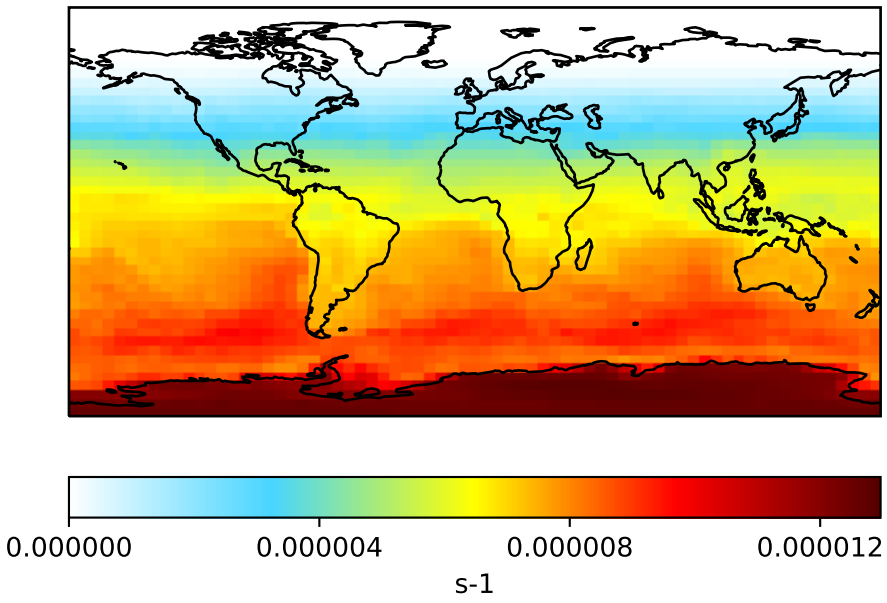


Jval_IDHDP (Jan2019)

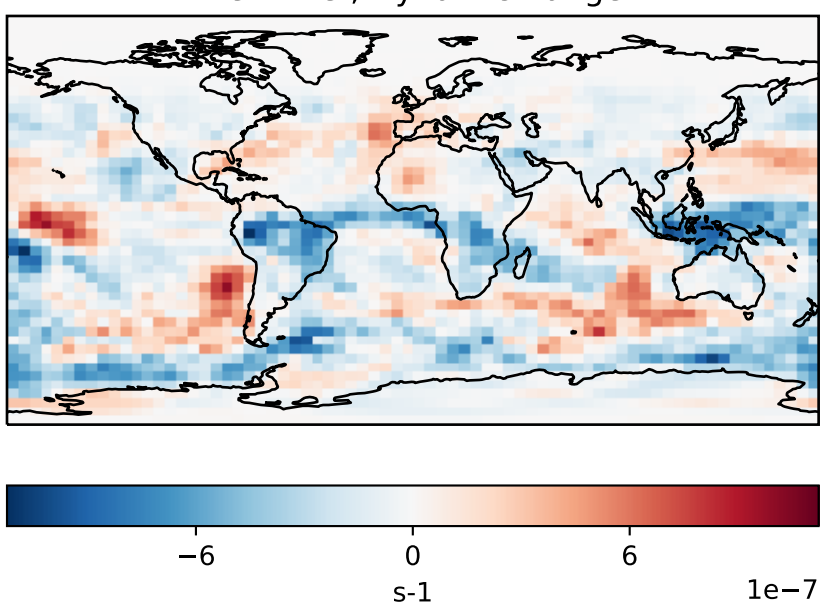
GCC_12.9.0 (Ref)
4.0x5.0



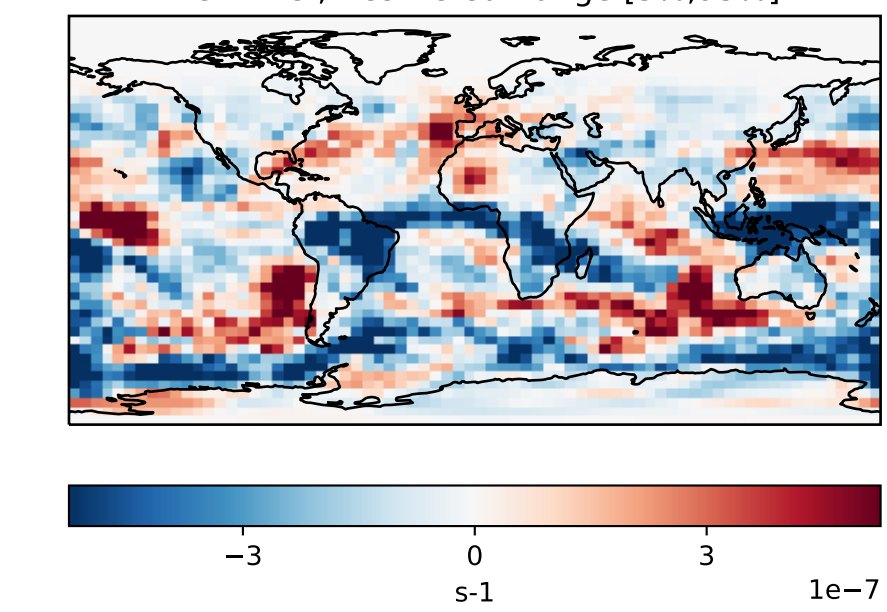
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



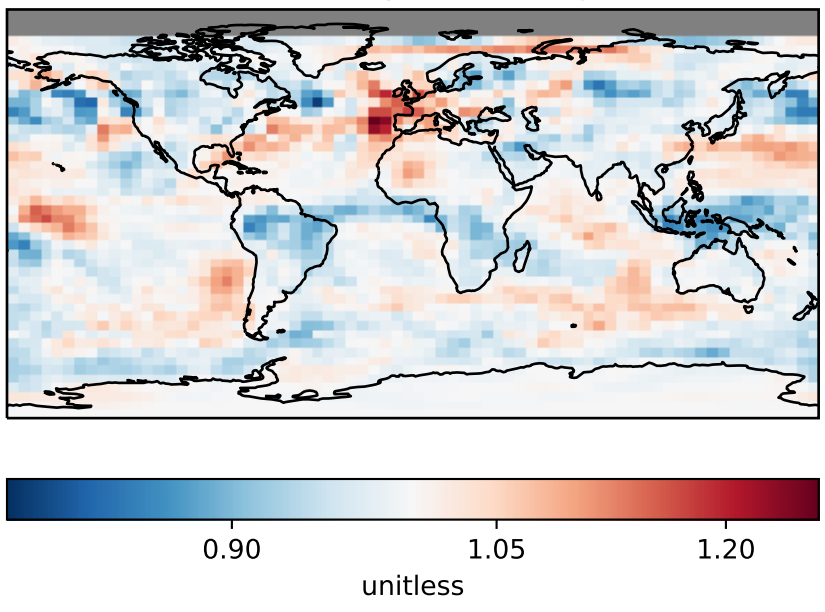
Difference
Dev - Ref, Dynamic Range



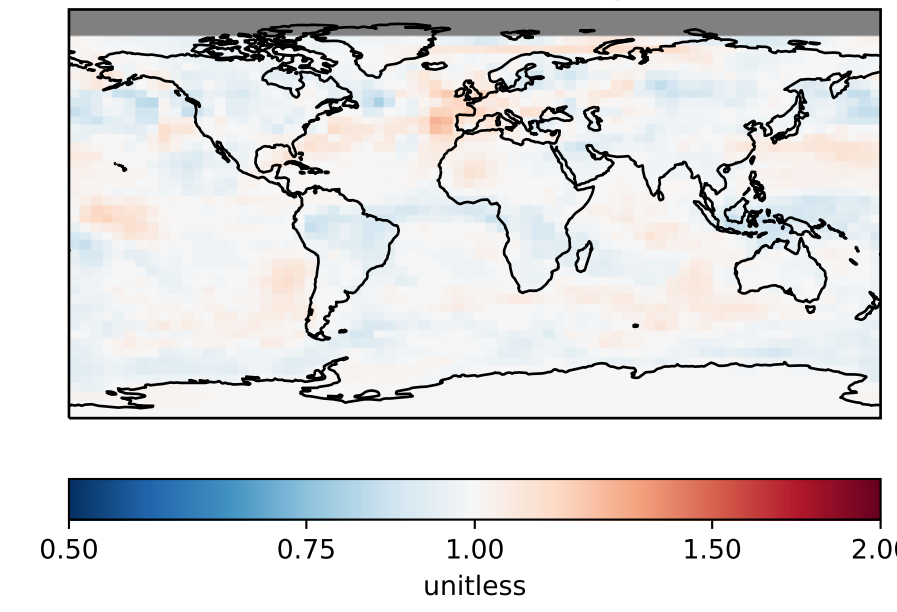
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

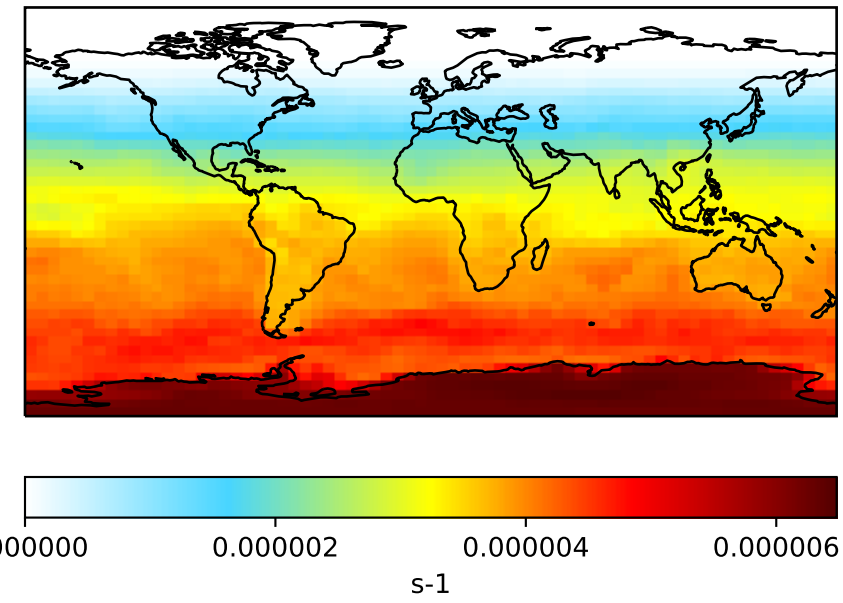


Ratio
Dev/Ref, Fixed Range

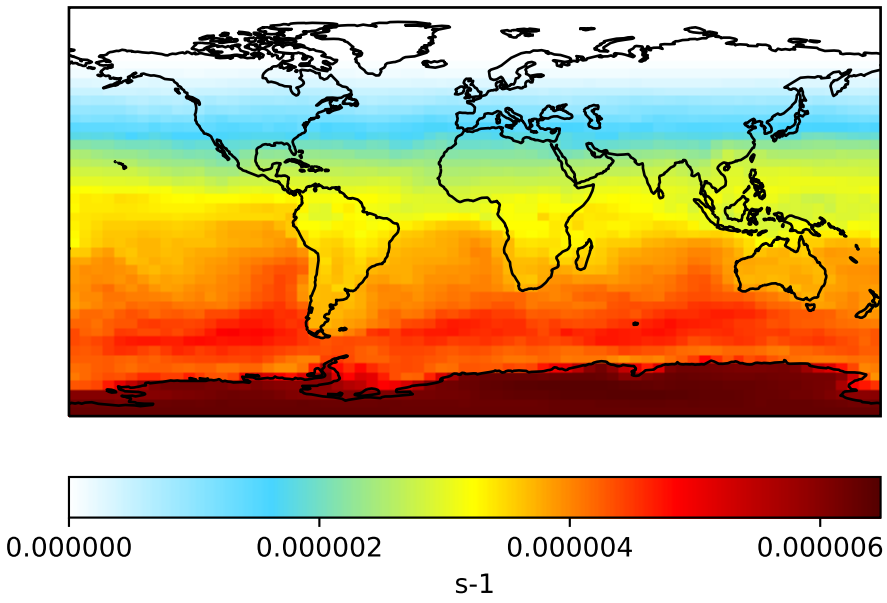


Jval_IDHPE (Jan2019)

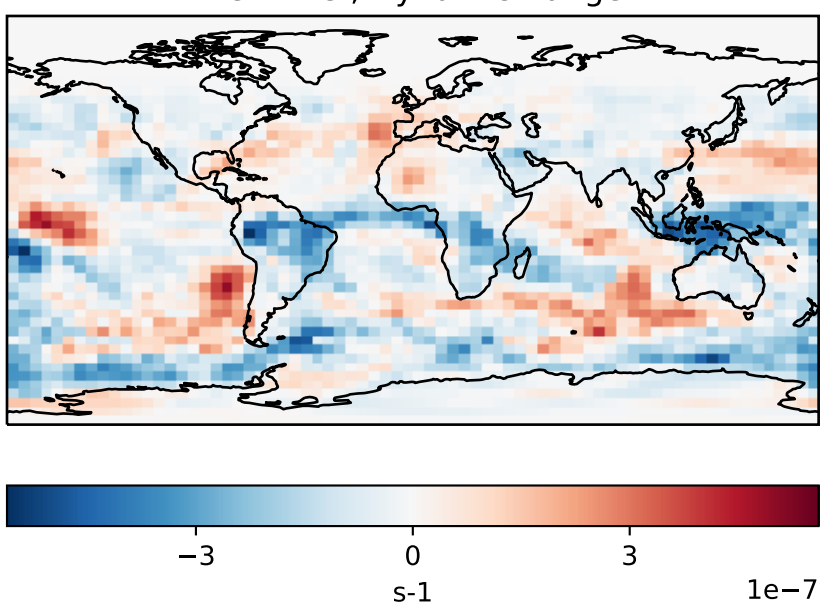
GCC_12.9.0 (Ref)
4.0x5.0



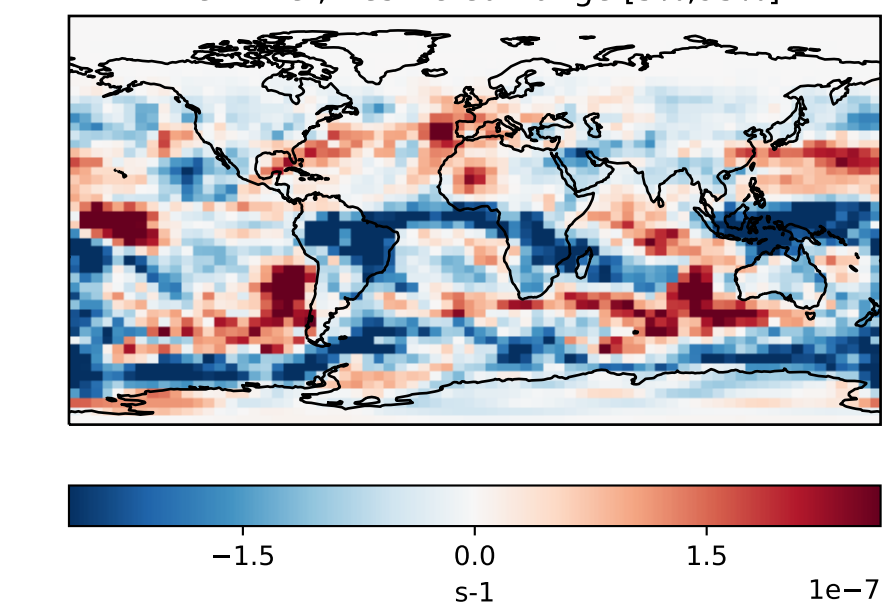
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



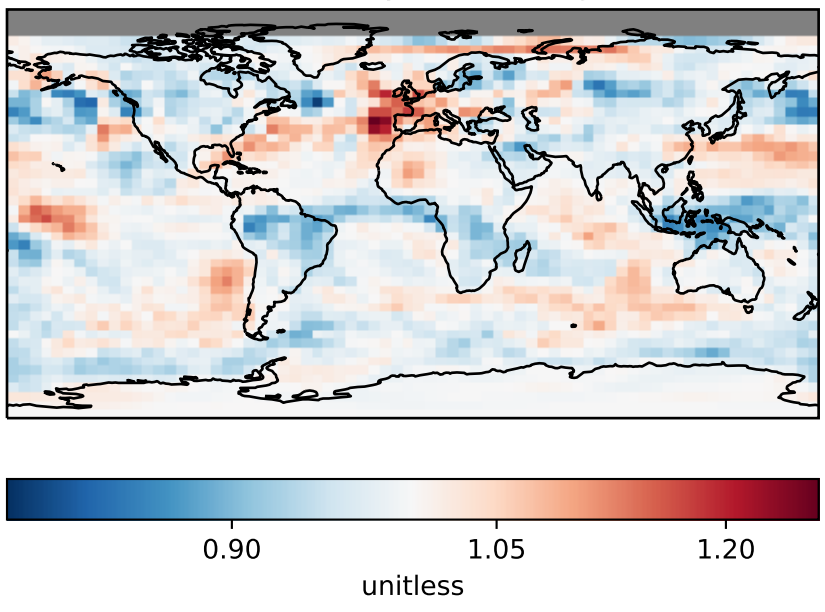
Difference
Dev - Ref, Dynamic Range



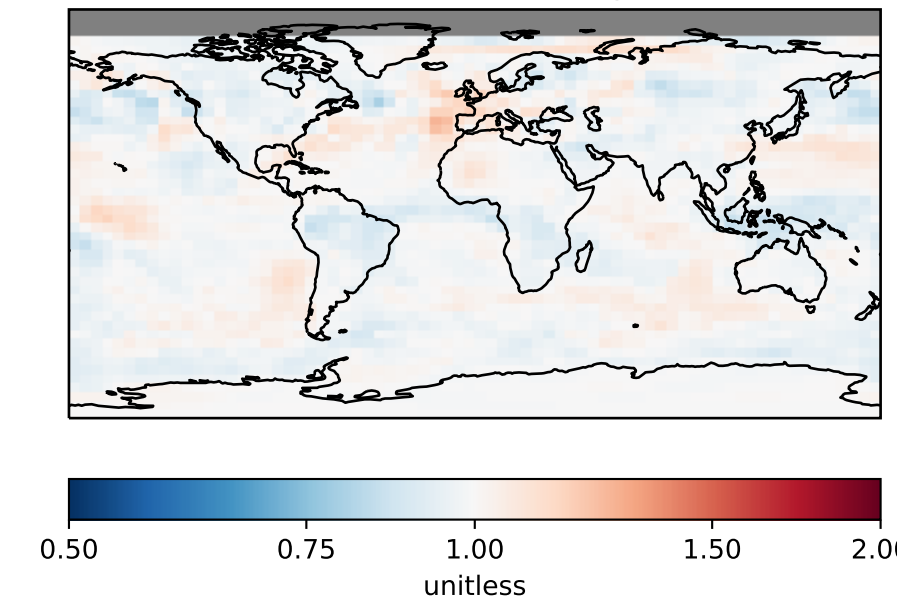
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

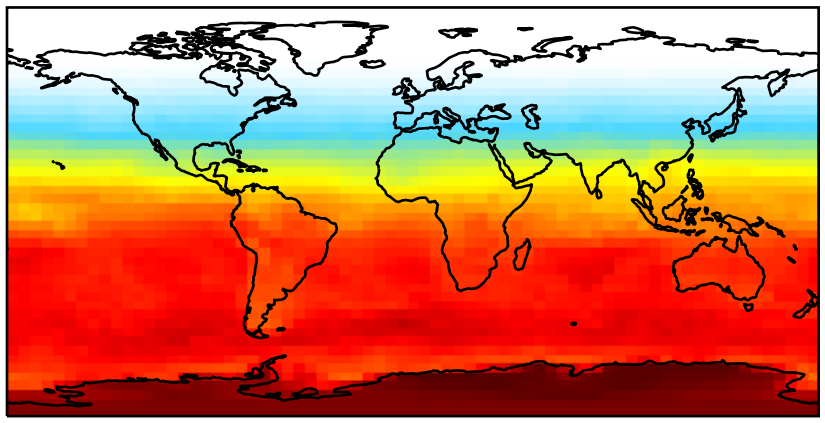


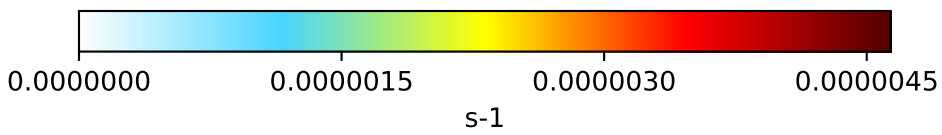
Ratio
Dev/Ref, Fixed Range



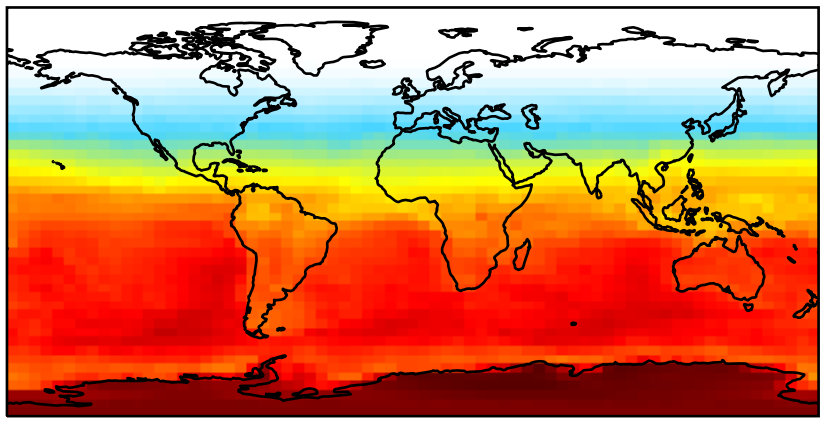
Jval_IDN (Jan2019)

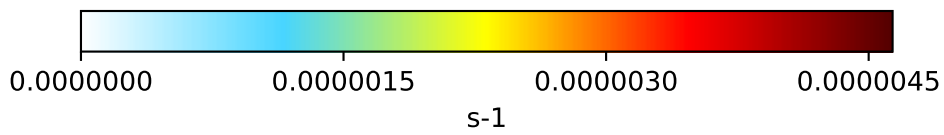
GCC_12.9.0 (Ref)
4.0x5.0



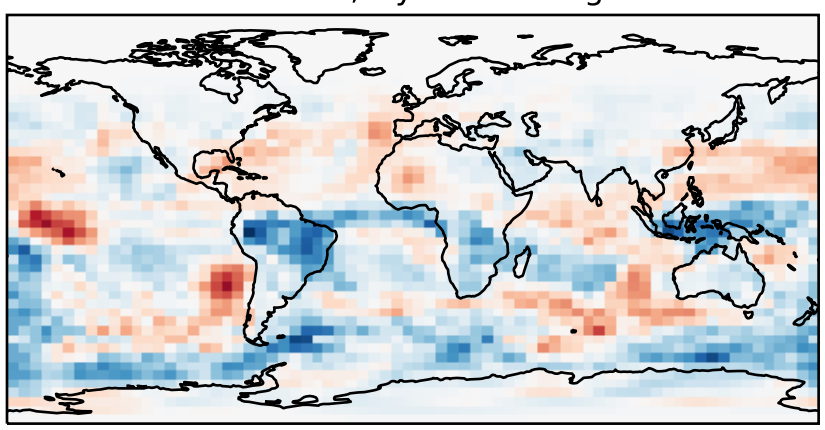


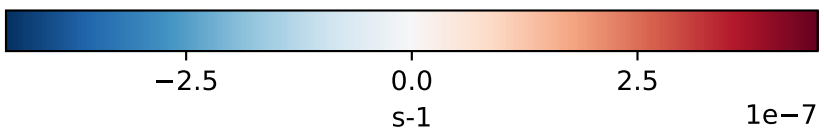
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



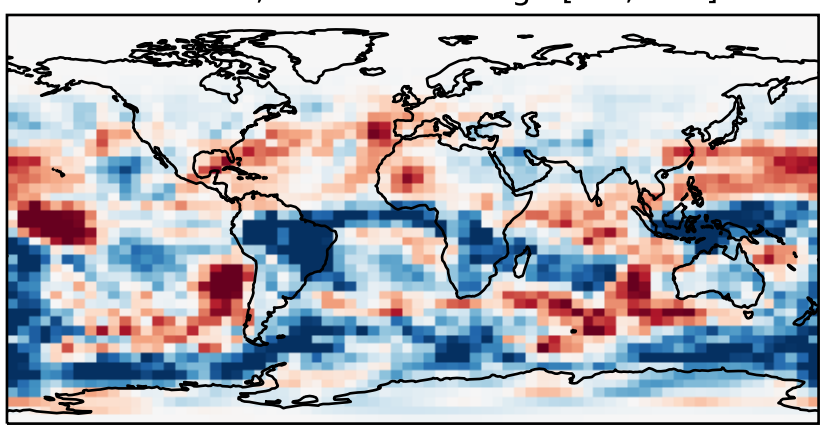


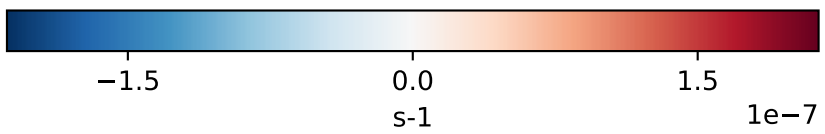
Difference
Dev - Ref, Dynamic Range



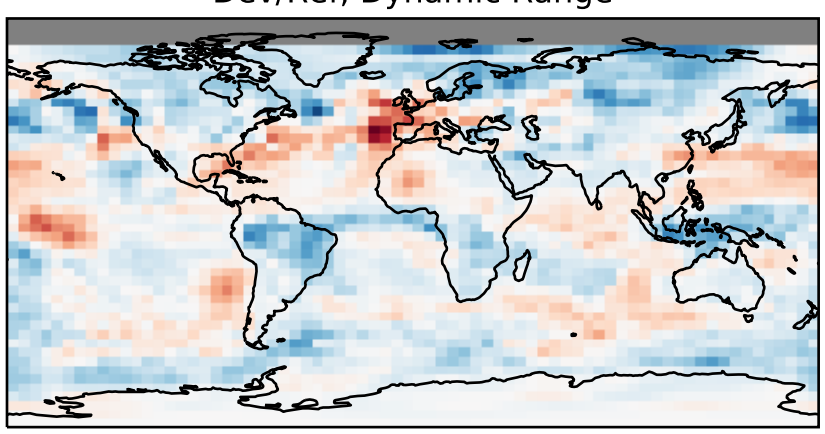


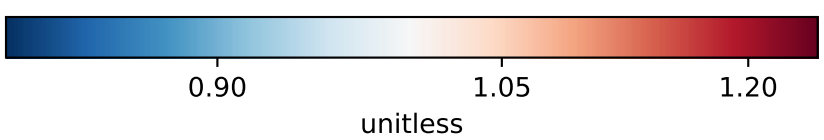
Difference
Dev - Ref, Restricted Range [5%,95%]



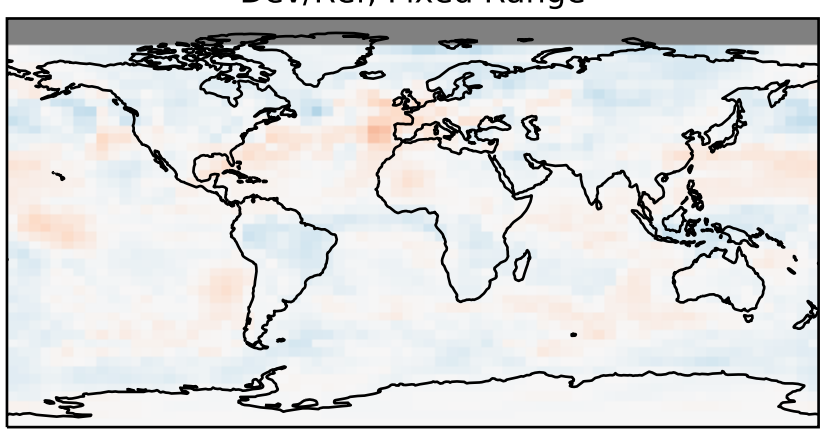


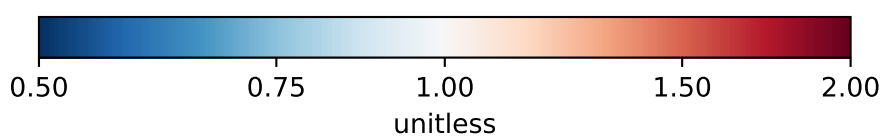
Ratio
Dev/Ref, Dynamic Range





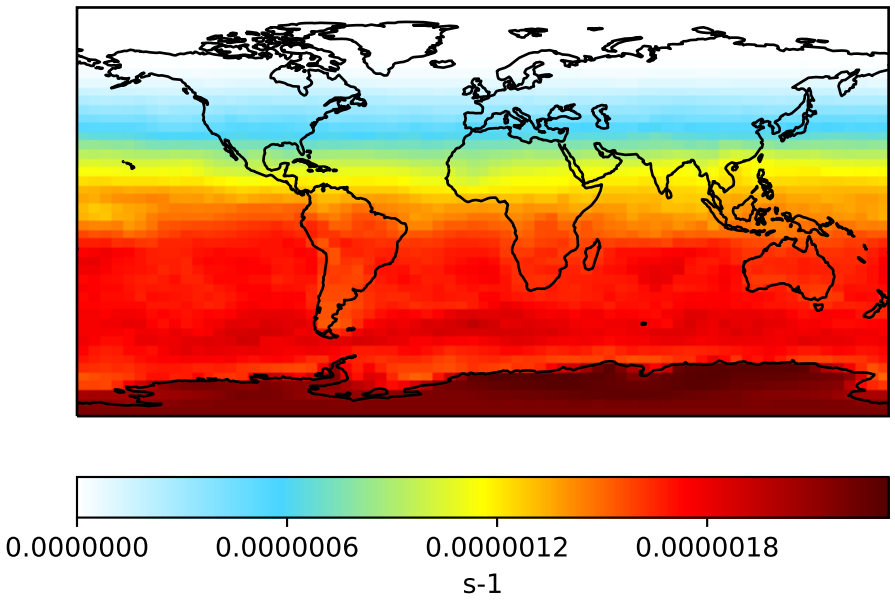
Ratio
Dev/Ref, Fixed Range



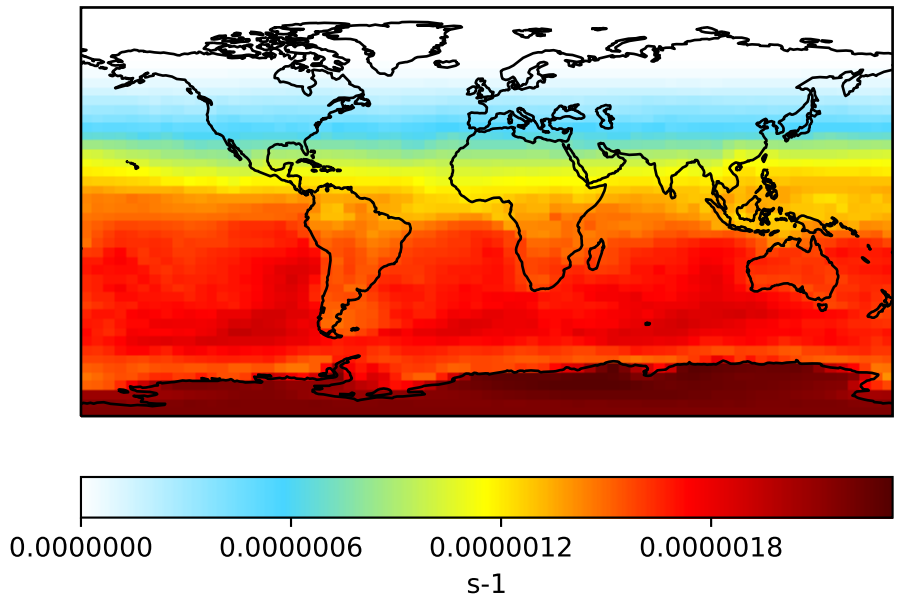


Jval_IHN1 (Jan2019)

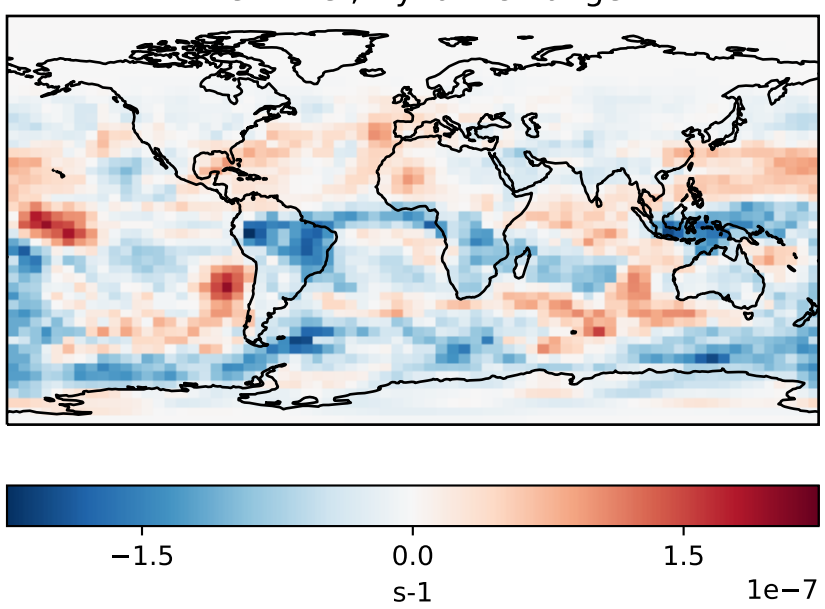
GCC_12.9.0 (Ref)
4.0x5.0



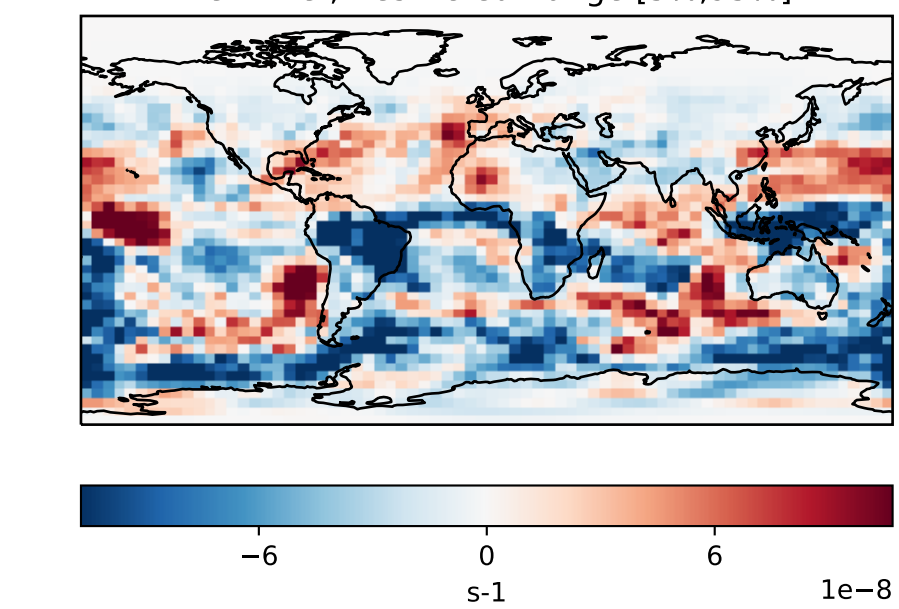
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



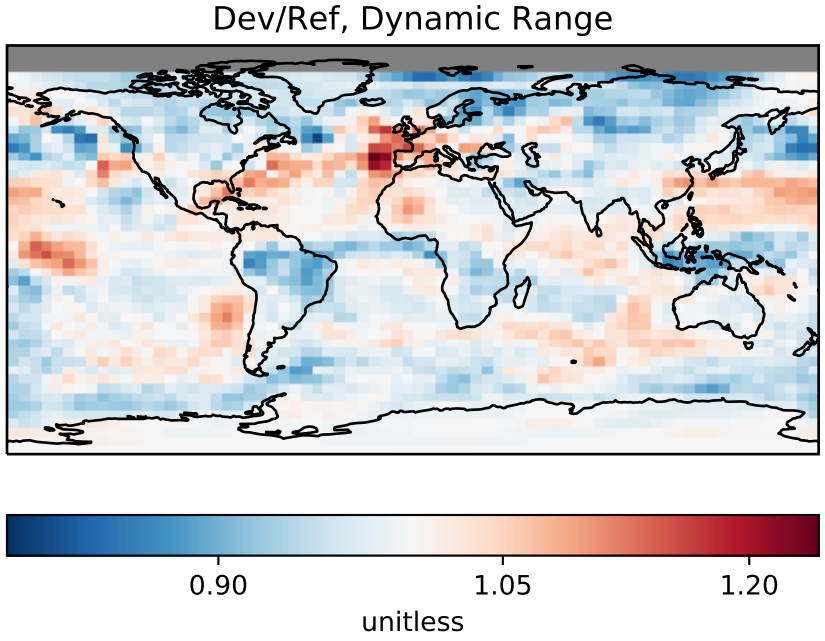
Difference
Dev - Ref, Dynamic Range



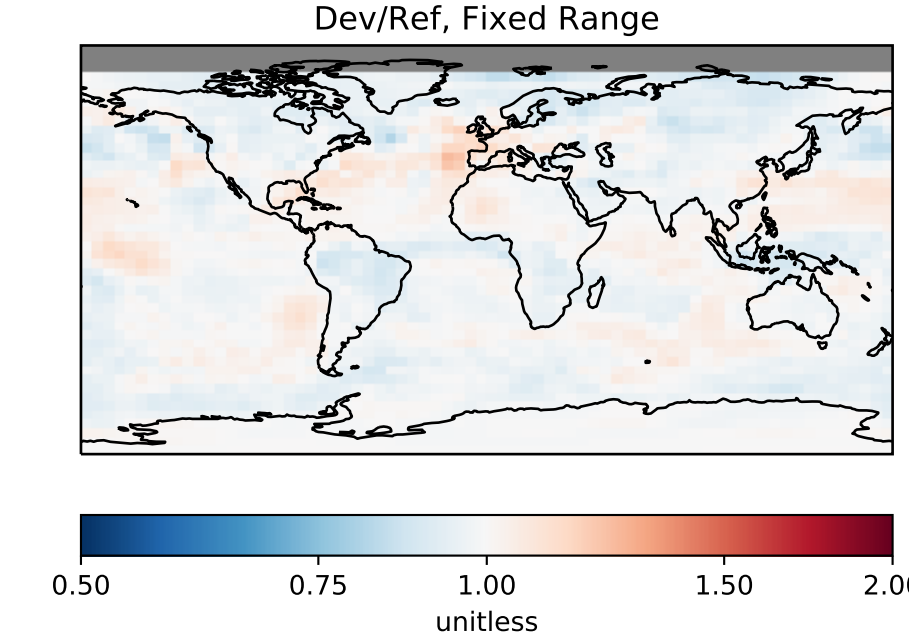
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

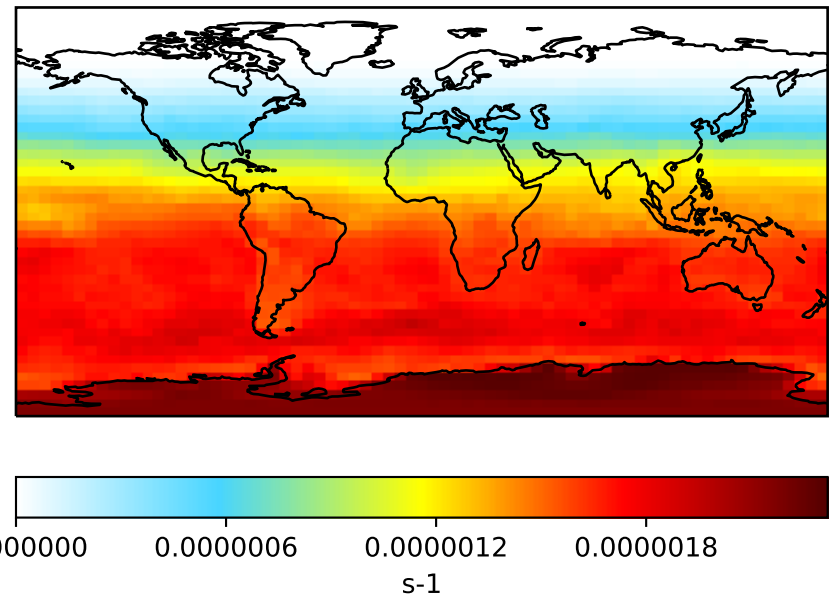


Ratio
Dev/Ref, Fixed Range

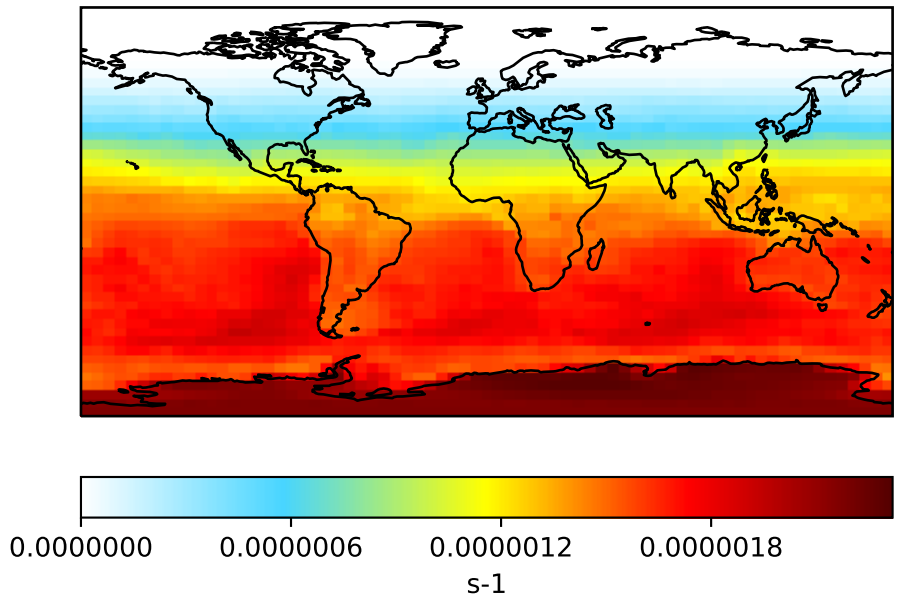


Jval_IHN2 (Jan2019)

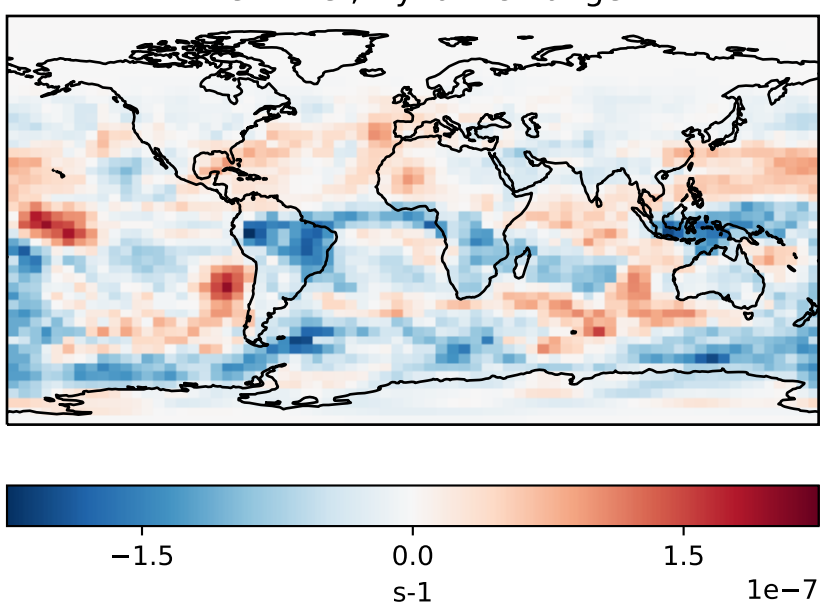
GCC_12.9.0 (Ref)
4.0x5.0



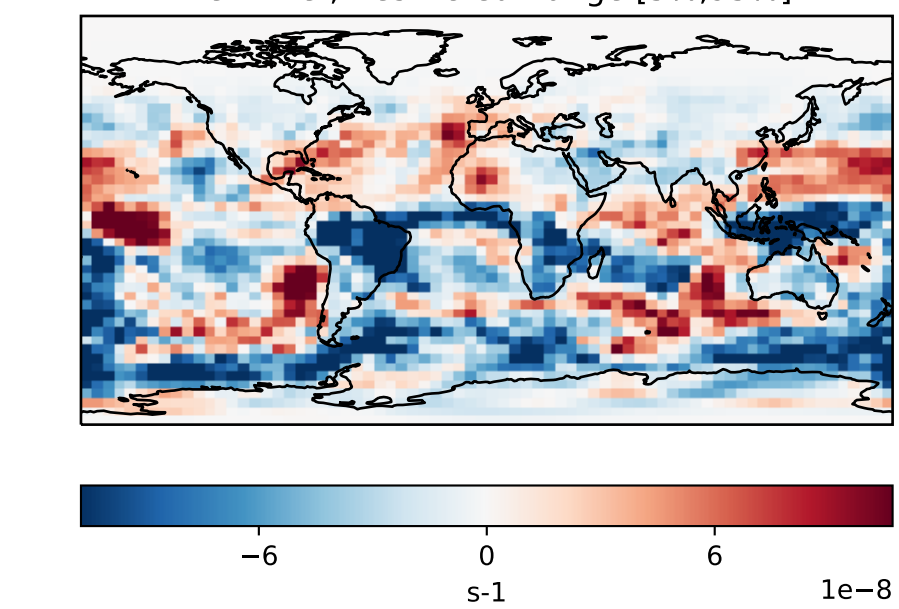
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



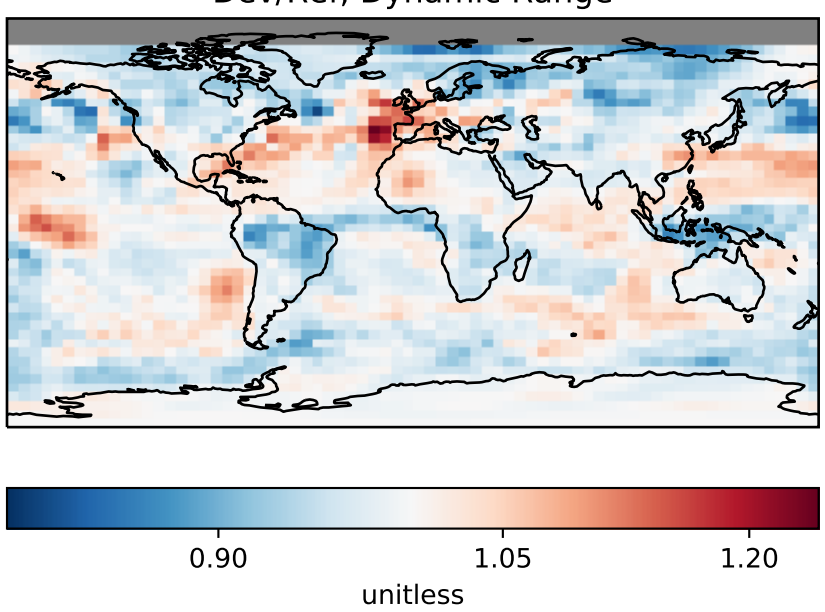
Difference
Dev - Ref, Dynamic Range



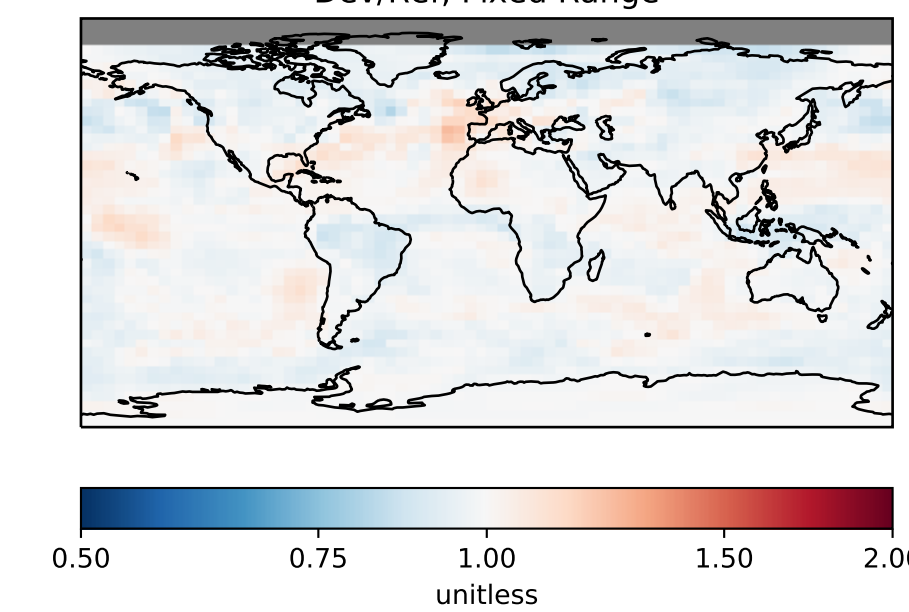
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

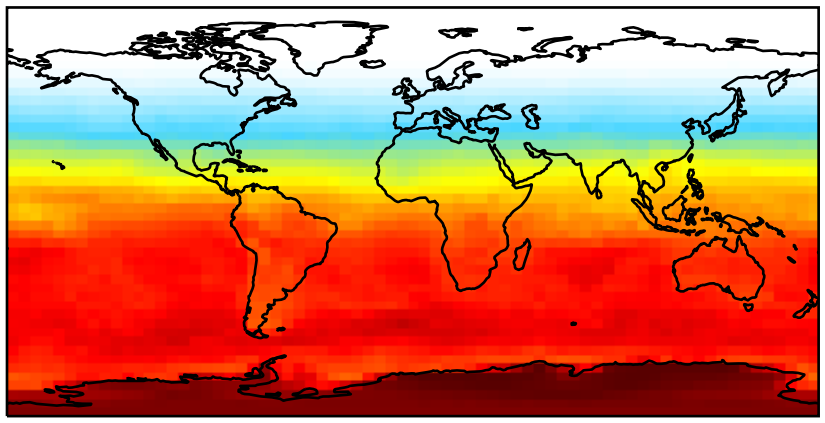


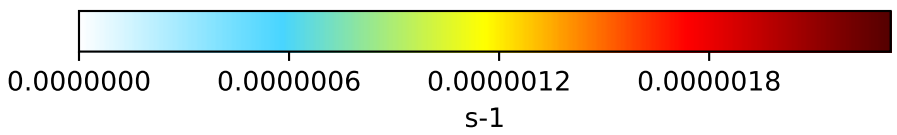
Ratio
Dev/Ref, Fixed Range



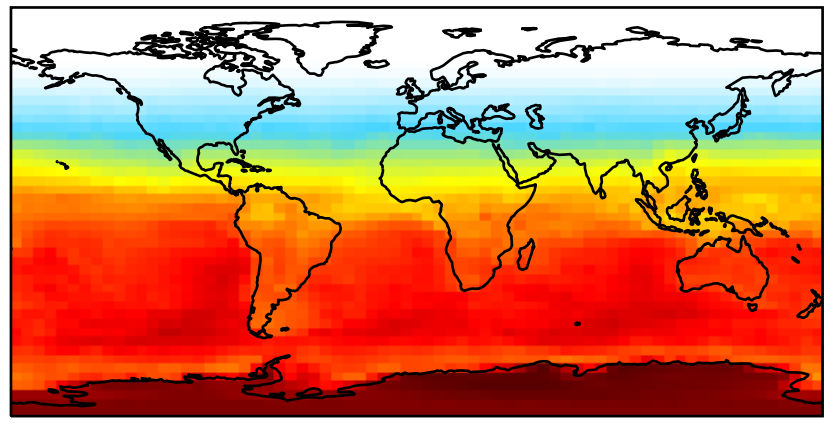
Jval_IHN3 (Jan2019)

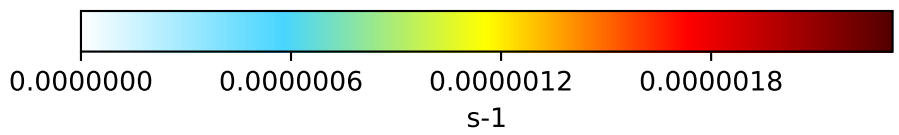
GCC_12.9.0 (Ref)
4.0x5.0



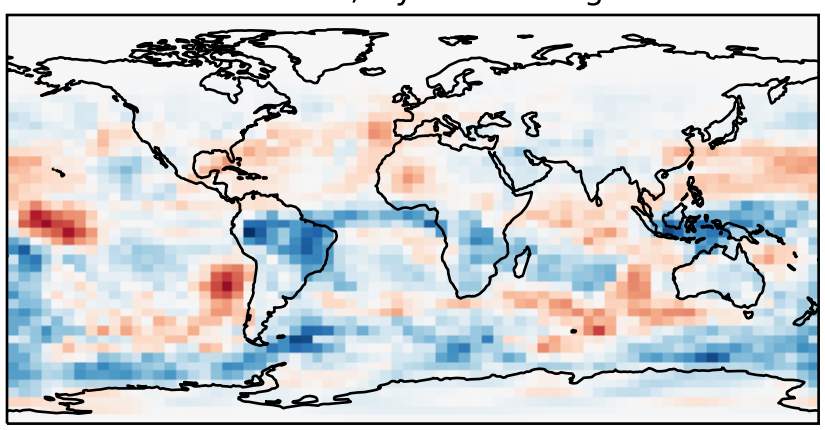


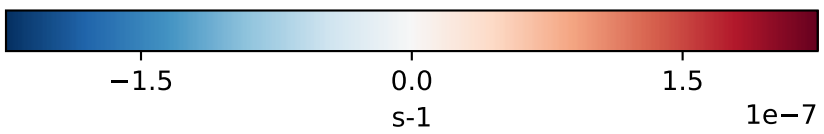
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



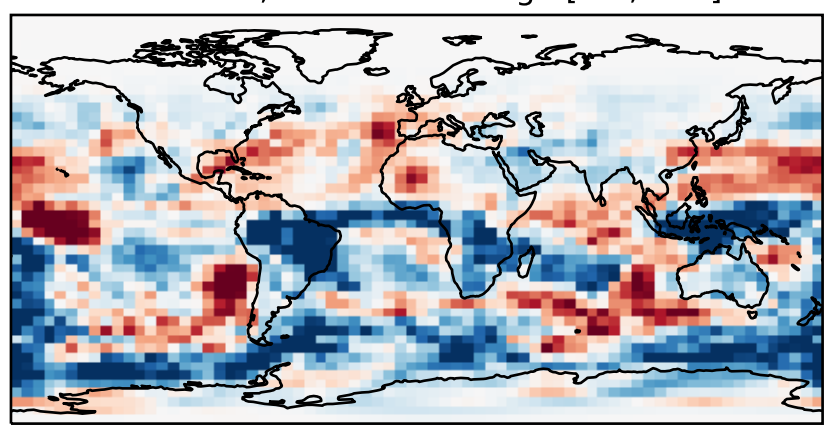


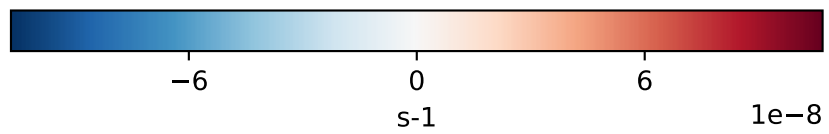
Difference
Dev - Ref, Dynamic Range



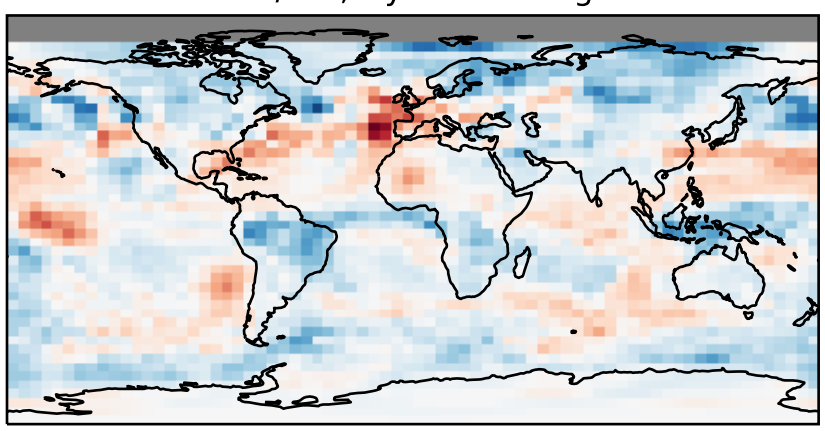


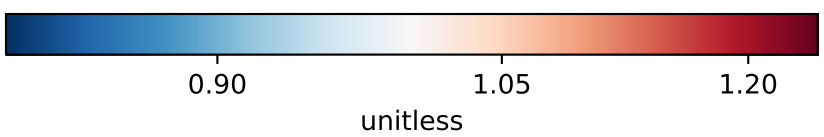
Difference
Dev - Ref, Restricted Range [5%,95%]



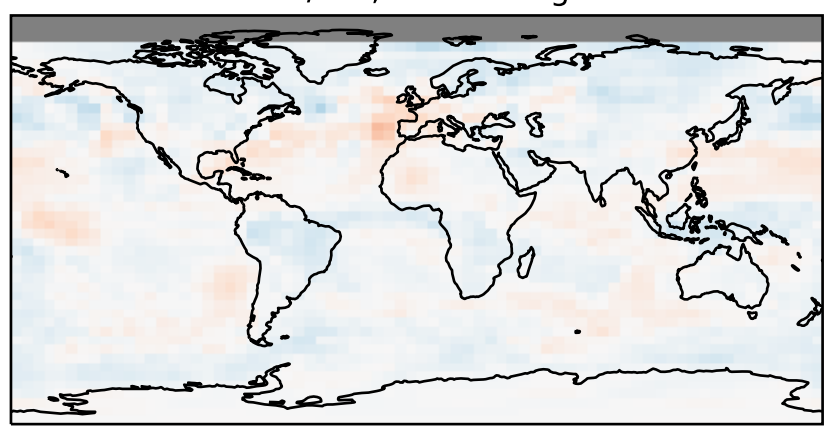


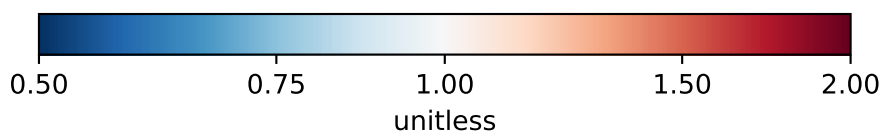
Ratio
Dev/Ref, Dynamic Range





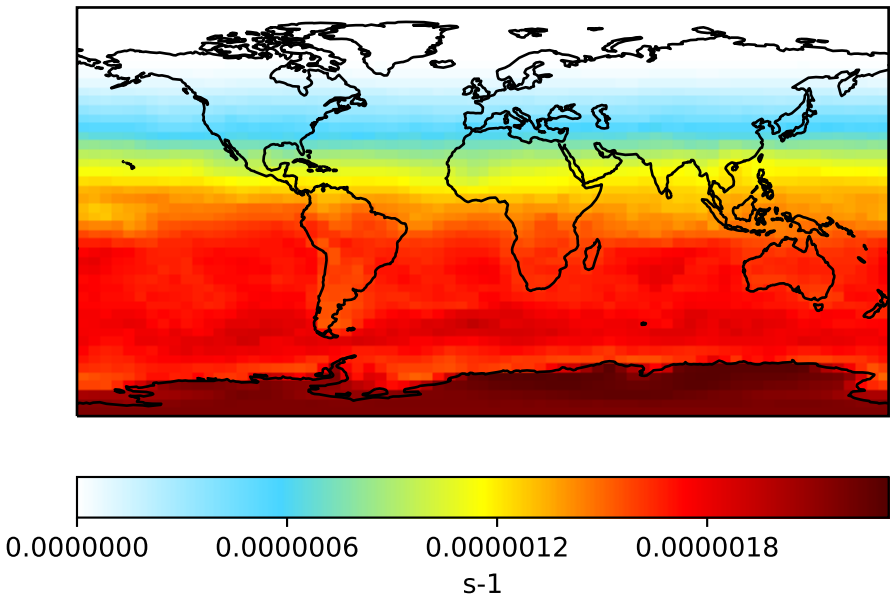
Ratio
Dev/Ref, Fixed Range



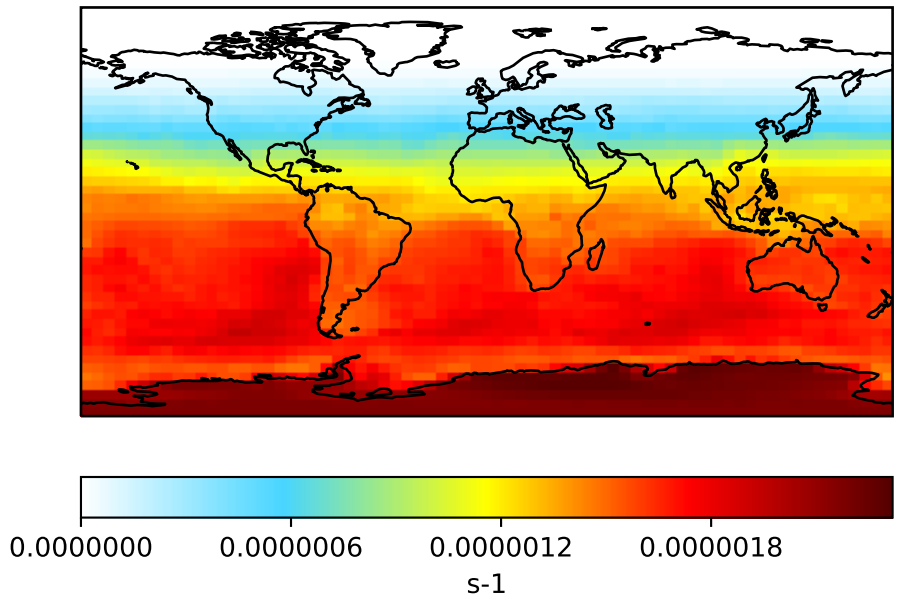


Jval_IHN4 (Jan2019)

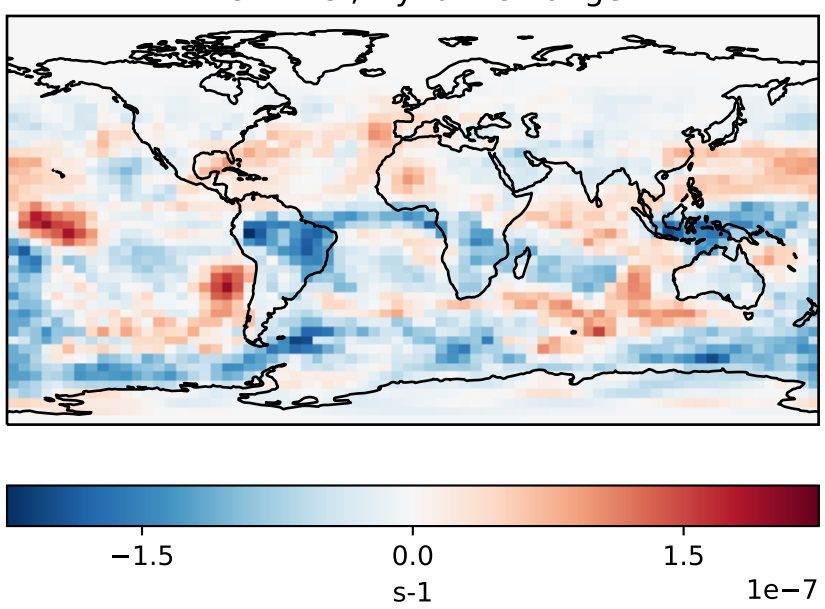
GCC_12.9.0 (Ref)
4.0x5.0



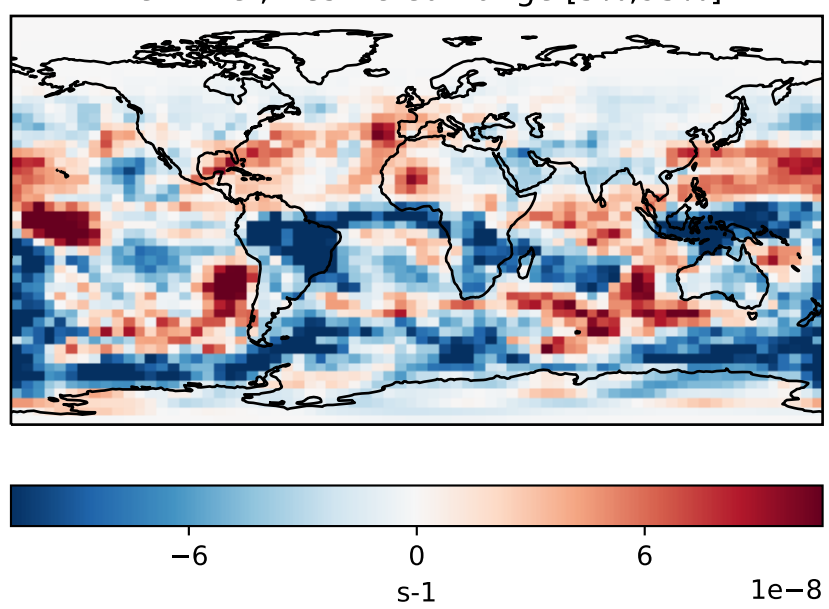
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



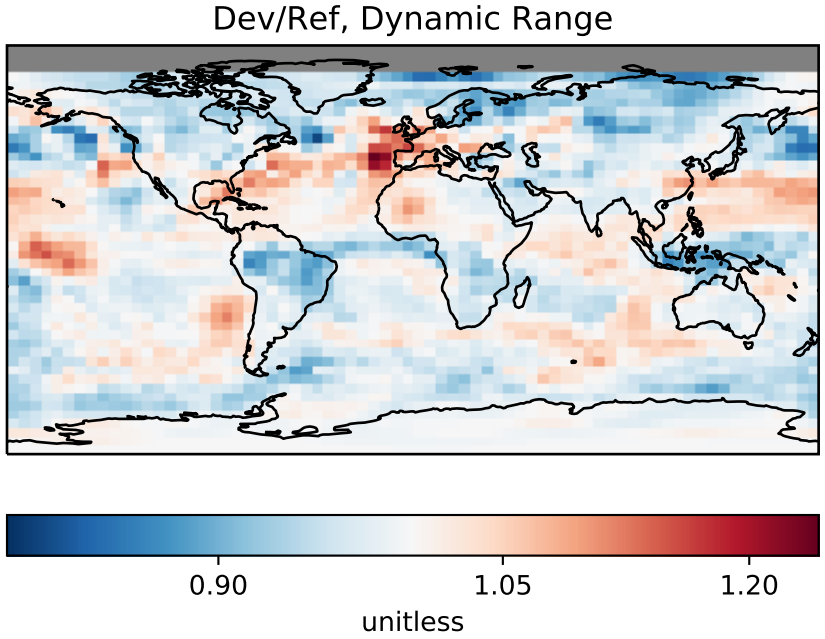
Difference
Dev - Ref, Dynamic Range



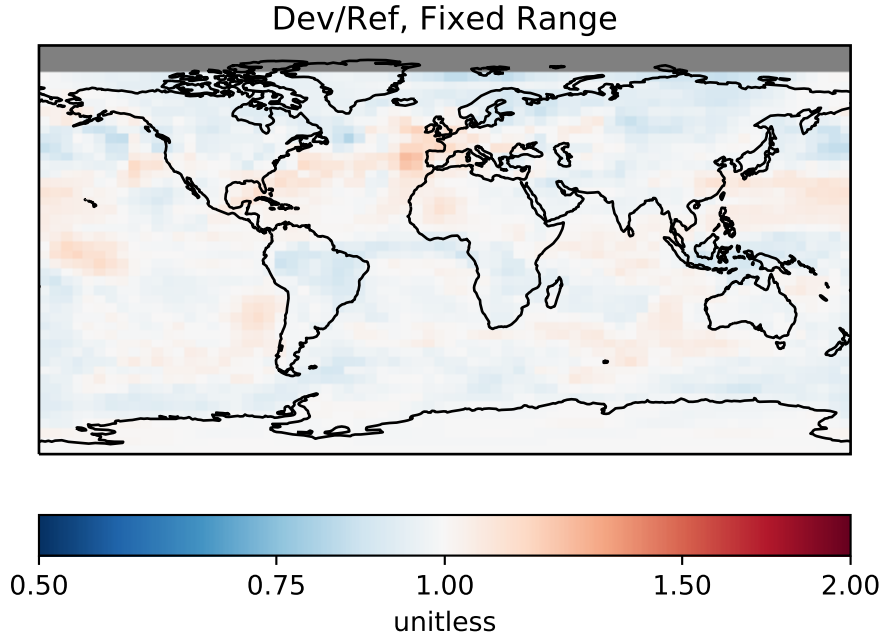
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

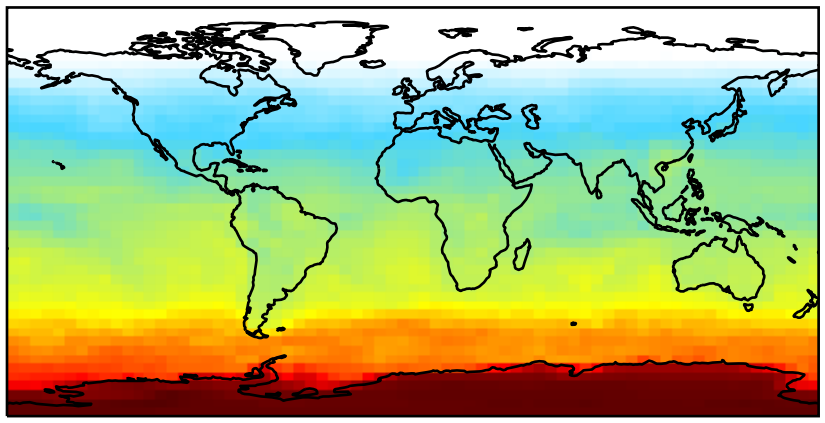


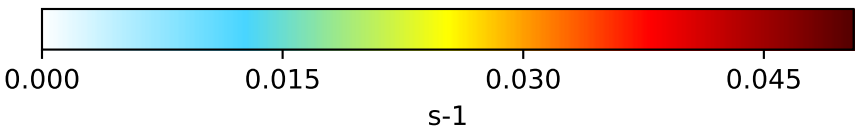
Ratio
Dev/Ref, Fixed Range



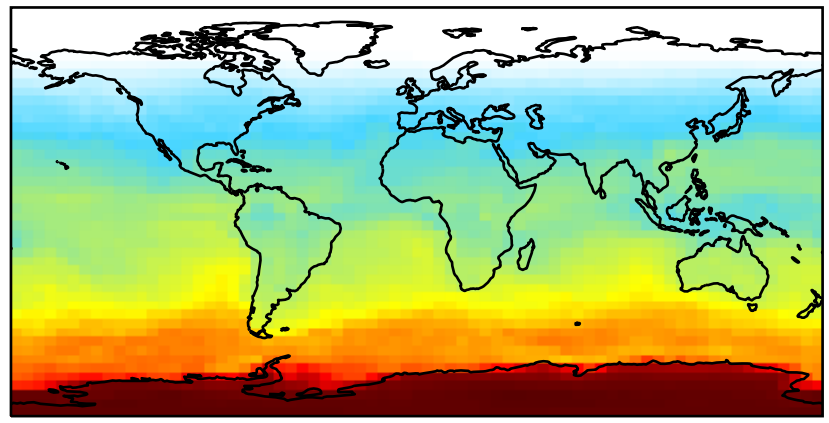
Jval_INO (Jan2019)

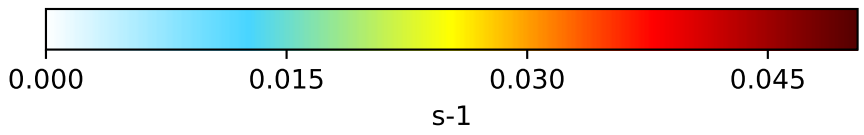
GCC_12.9.0 (Ref)
4.0x5.0



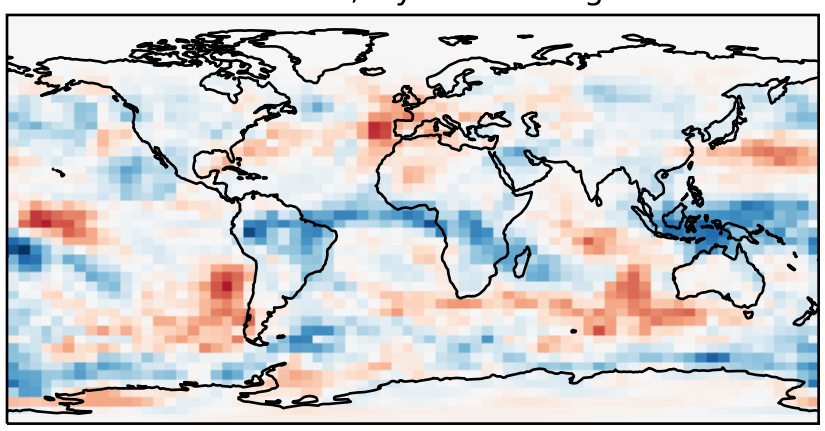


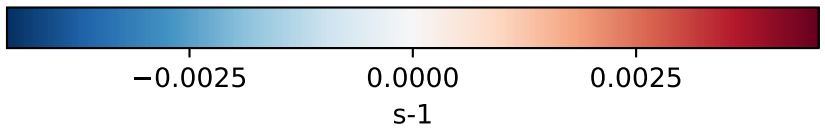
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



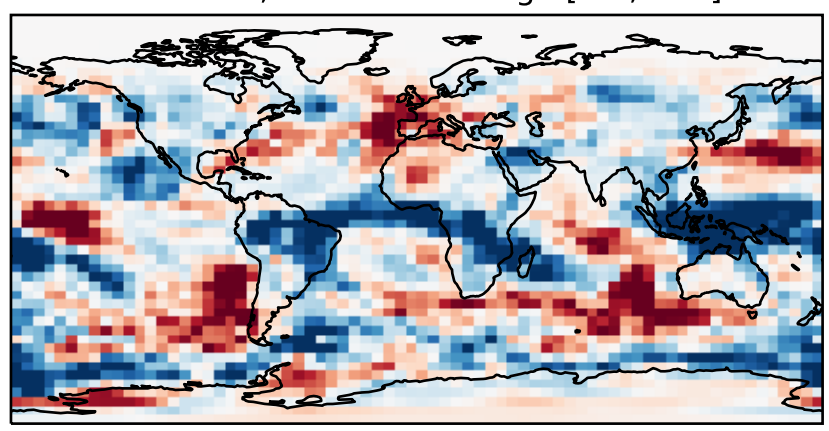


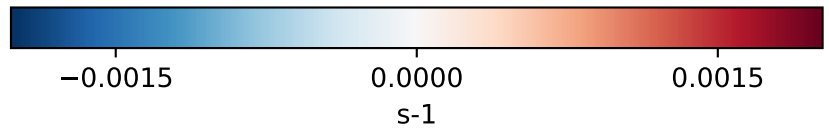
Difference
Dev - Ref, Dynamic Range



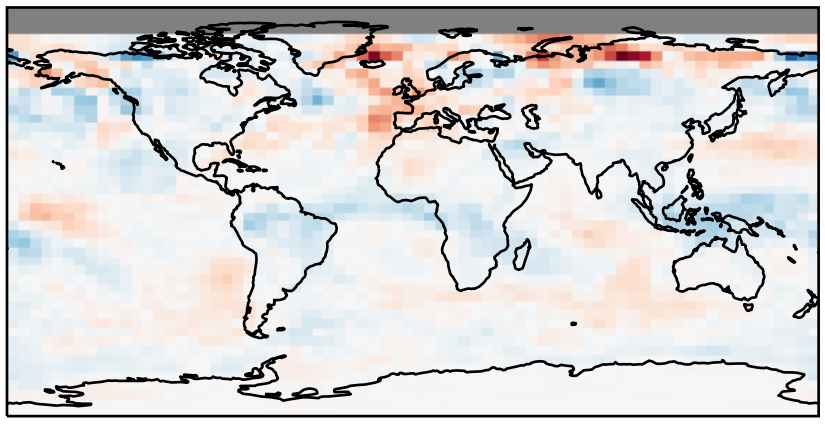


Difference
Dev - Ref, Restricted Range [5%,95%]



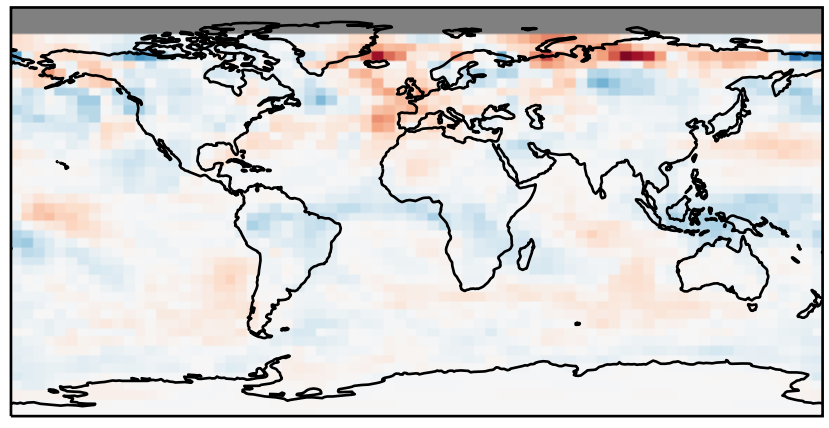


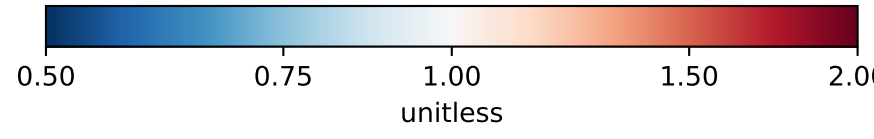
Ratio
Dev/Ref, Dynamic Range





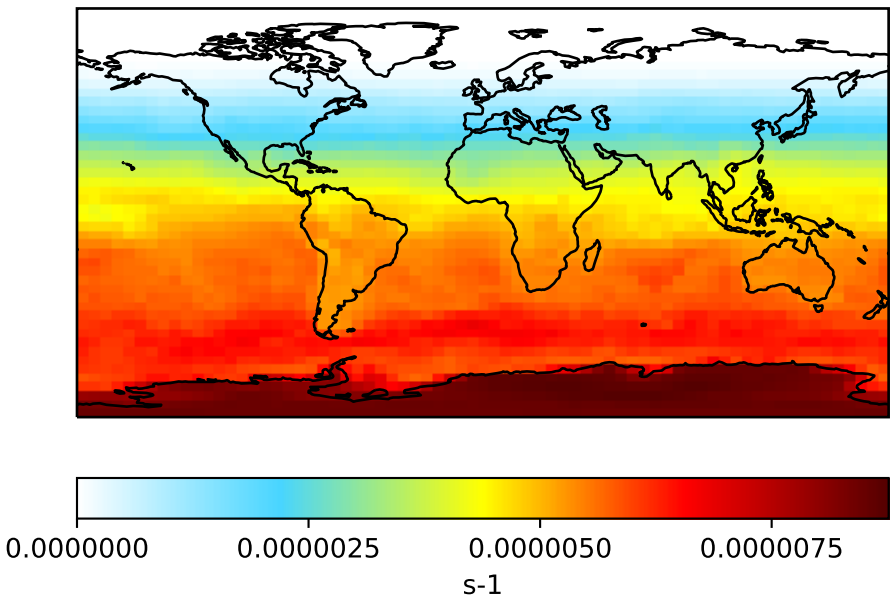
Ratio
Dev/Ref, Fixed Range



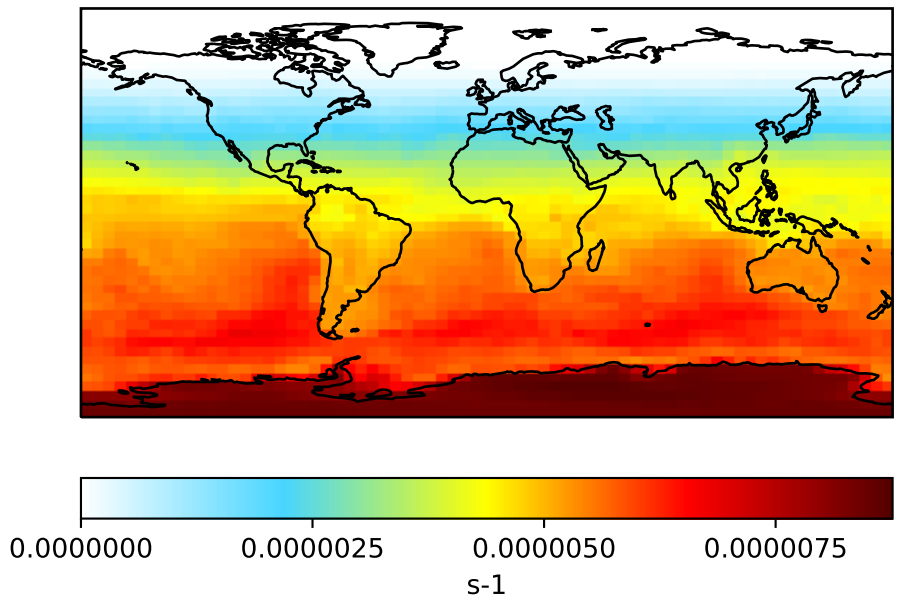


Jval_INPB (Jan2019)

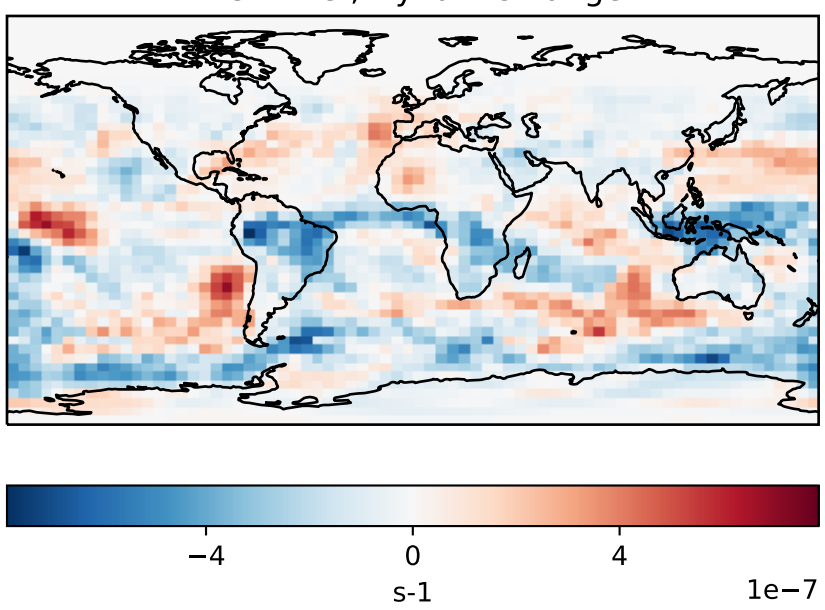
GCC_12.9.0 (Ref)
4.0x5.0



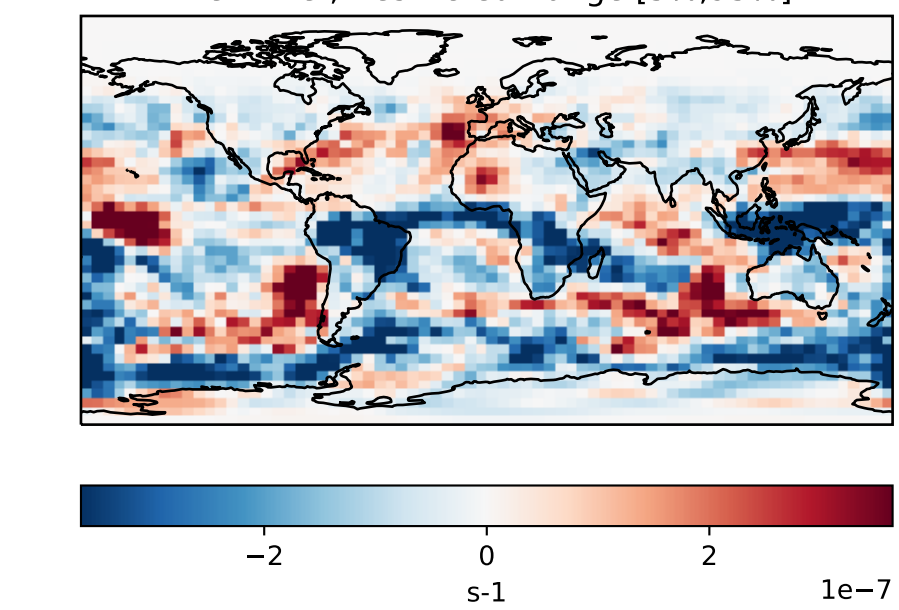
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



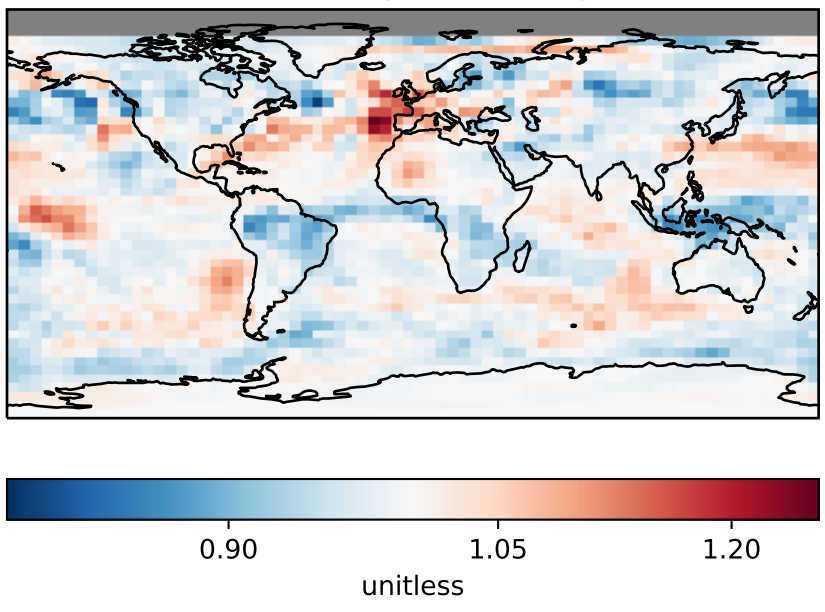
Difference
Dev - Ref, Dynamic Range



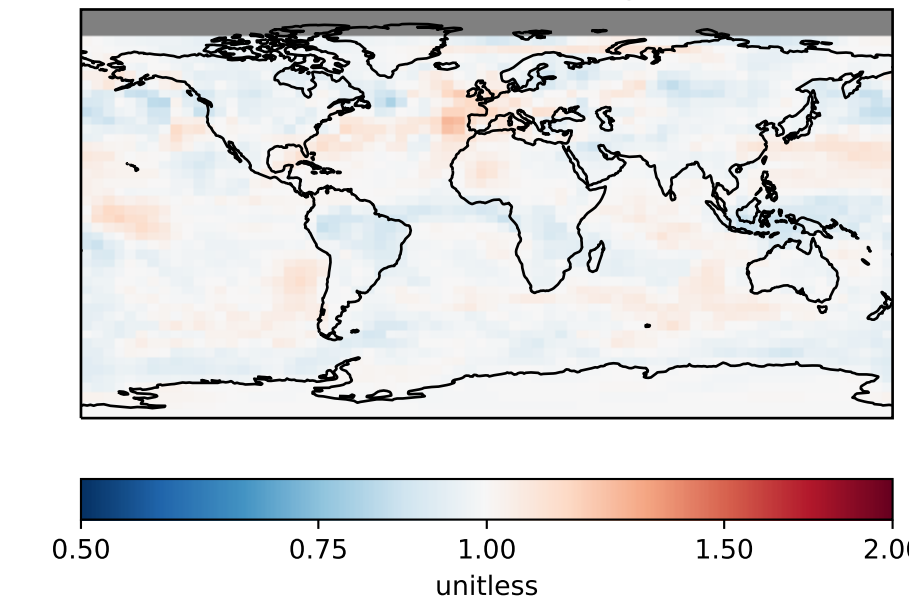
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

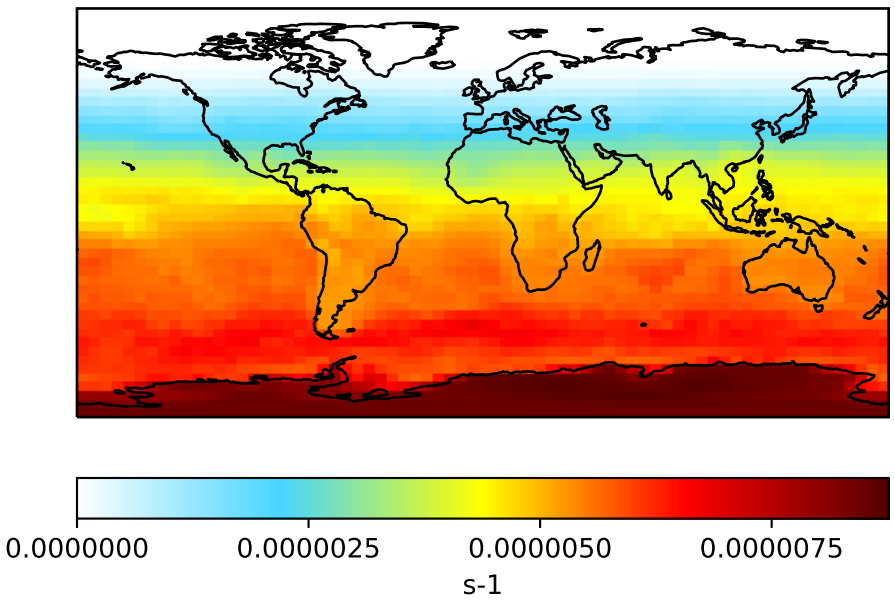


Ratio
Dev/Ref, Fixed Range

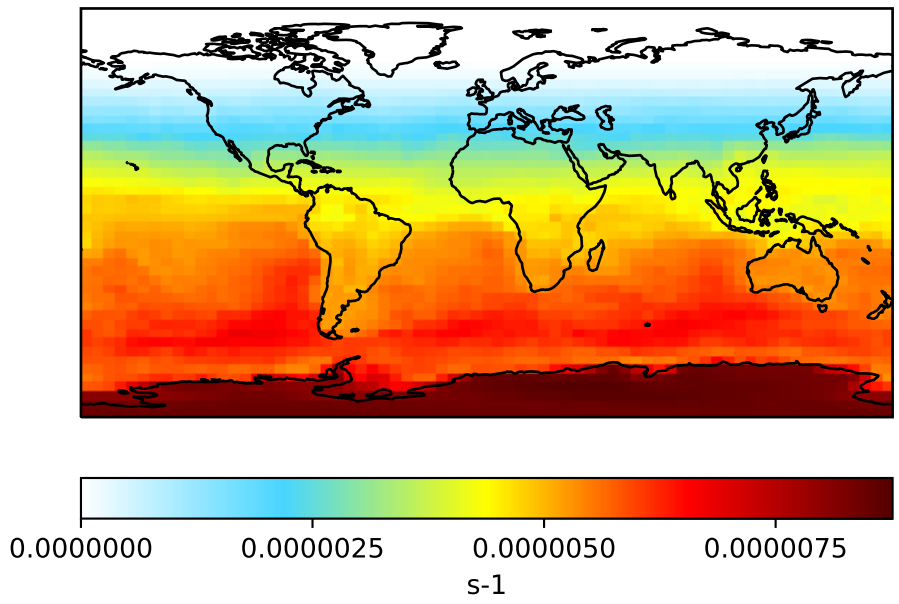


Jval_INPD (Jan2019)

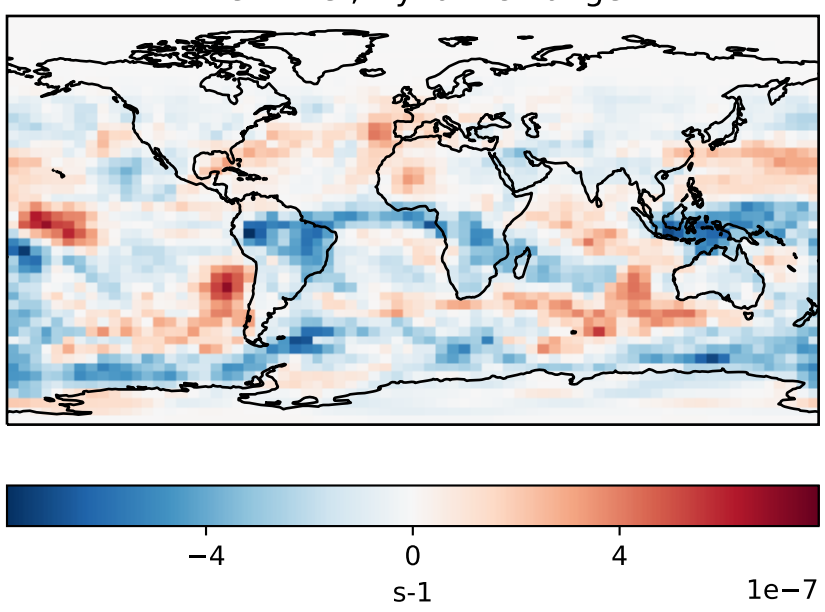
GCC_12.9.0 (Ref)
4.0x5.0



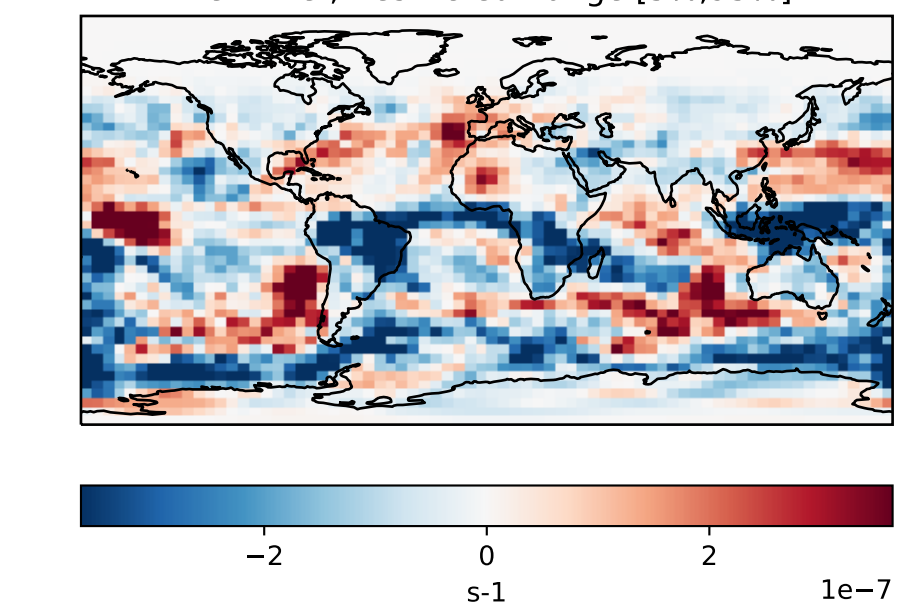
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



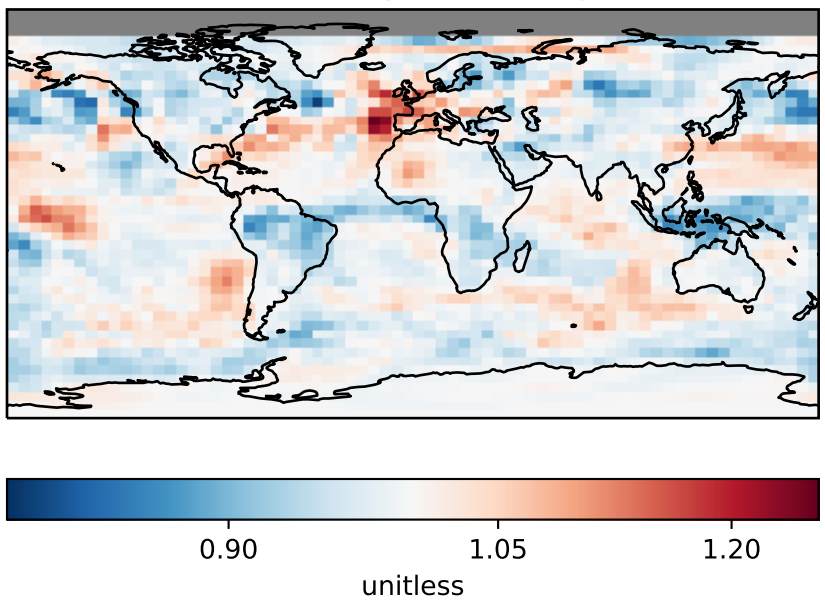
Difference
Dev - Ref, Dynamic Range



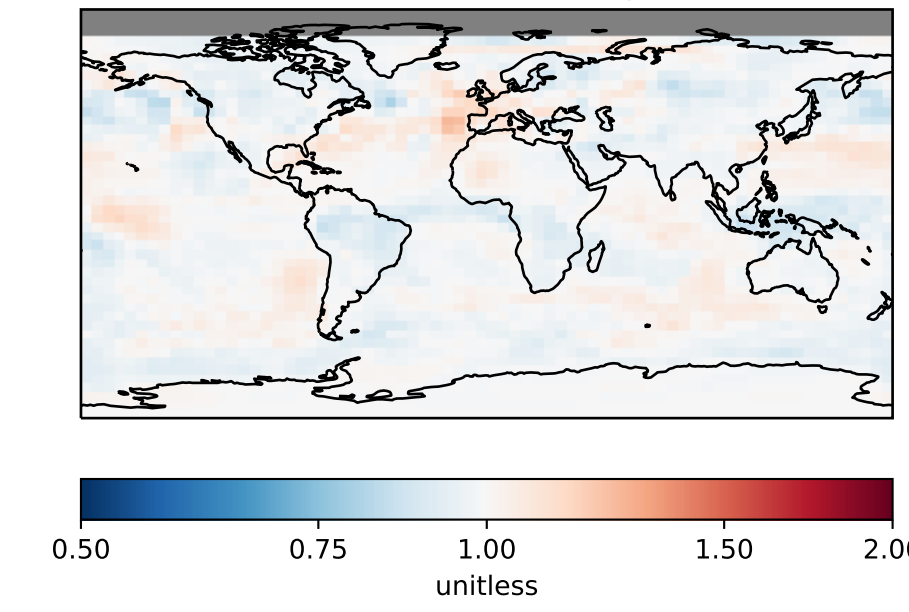
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

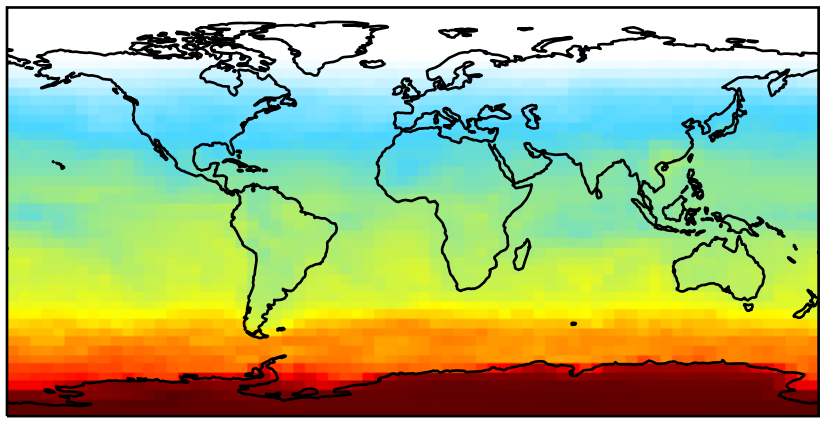


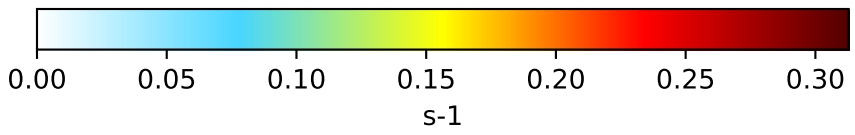
Ratio
Dev/Ref, Fixed Range



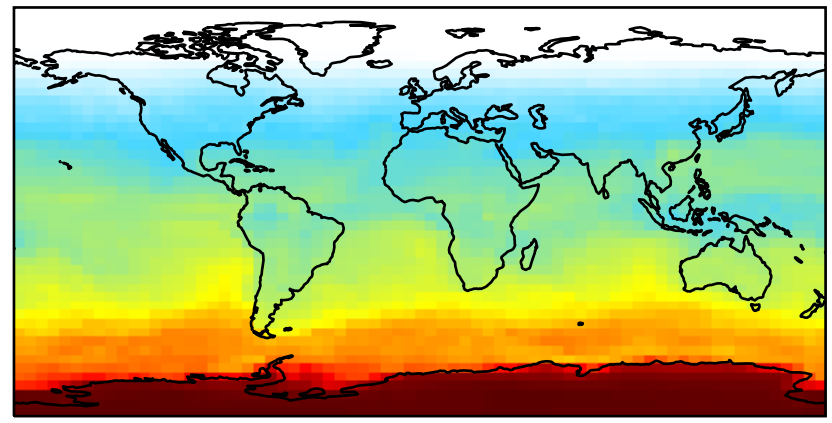
Jval_IO (Jan2019)

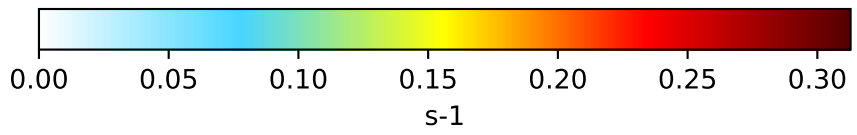
GCC_12.9.0 (Ref)
4.0x5.0



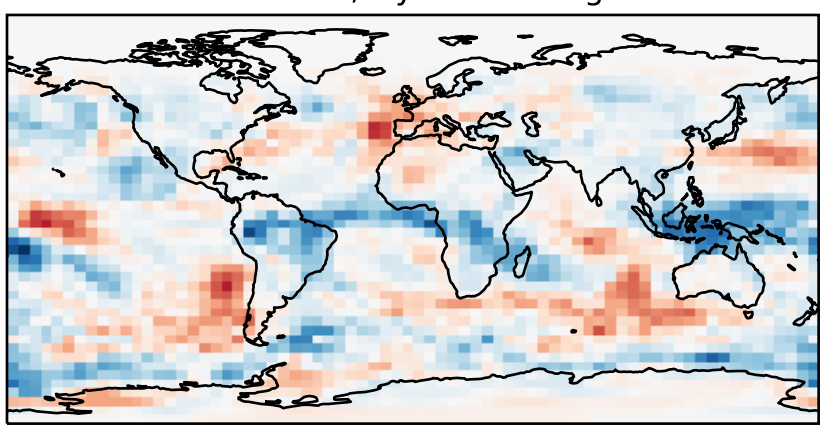


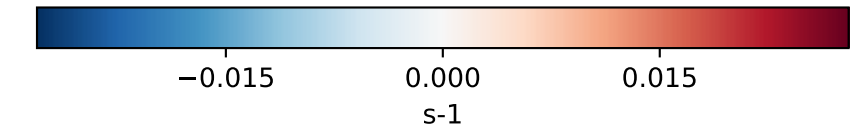
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



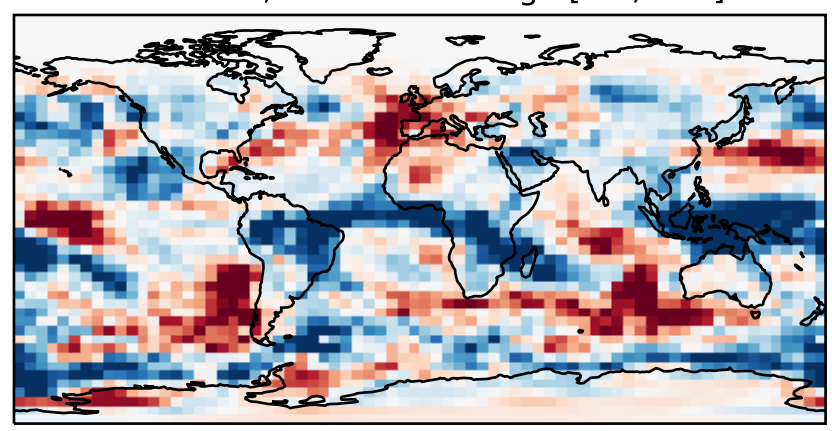


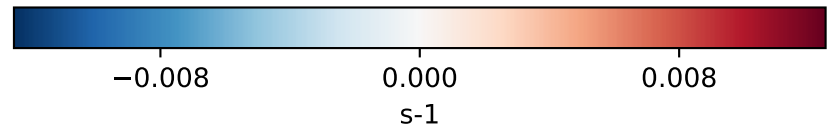
Difference
Dev - Ref, Dynamic Range



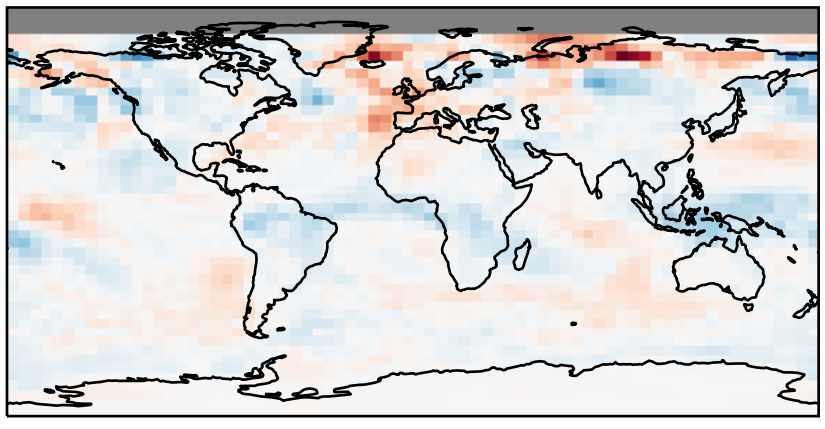


Difference
Dev - Ref, Restricted Range [5%,95%]



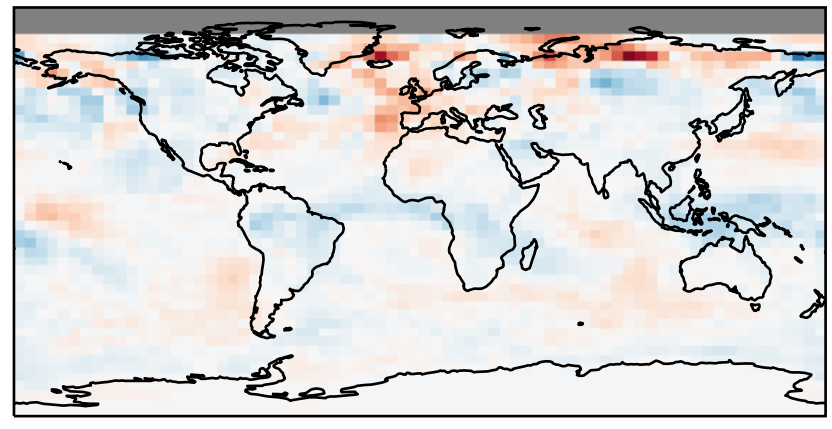


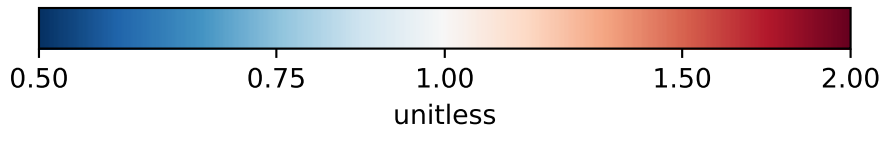
Ratio
Dev/Ref, Dynamic Range





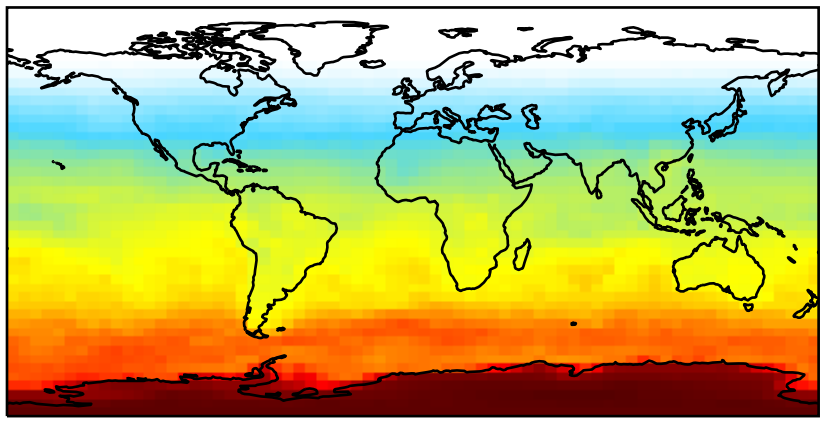
Ratio
Dev/Ref, Fixed Range

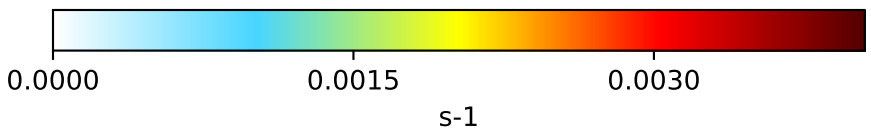




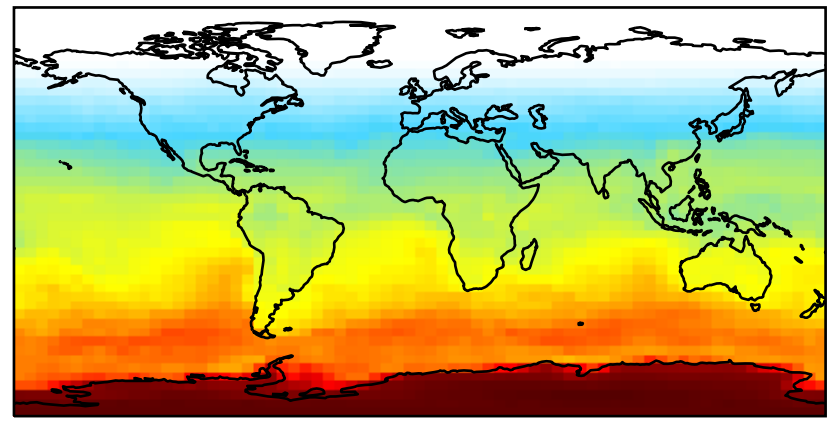
Jval_IONO (Jan2019)

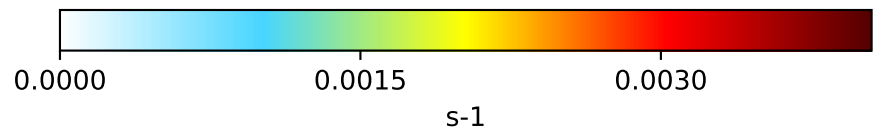
GCC_12.9.0 (Ref)
4.0x5.0



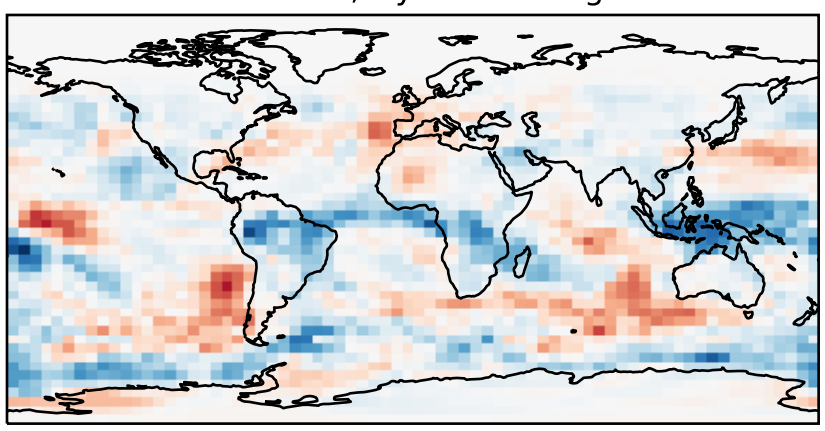


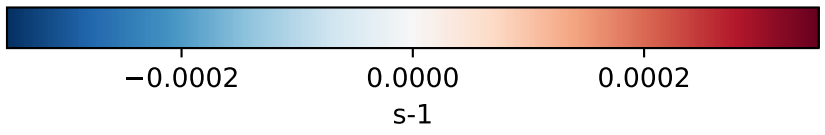
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



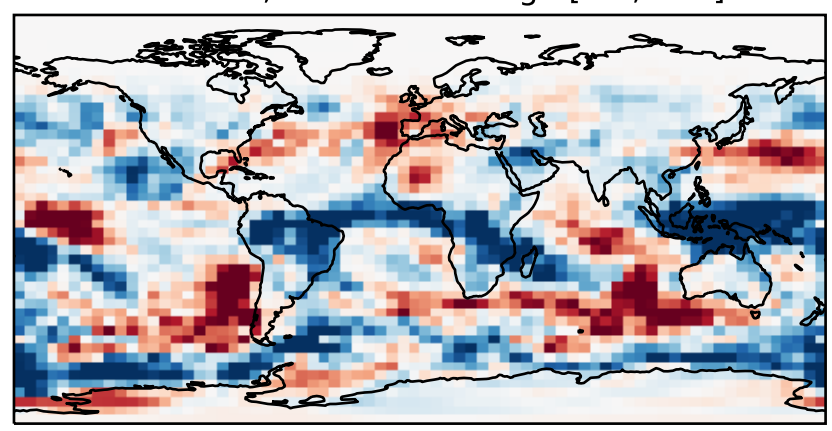


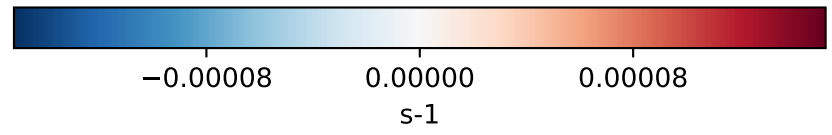
Difference
Dev - Ref, Dynamic Range



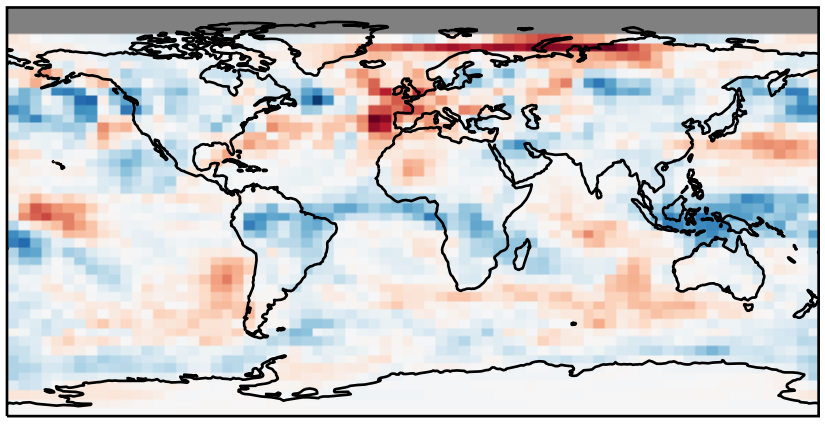


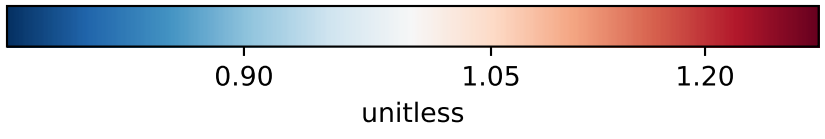
Difference
Dev - Ref, Restricted Range [5%,95%]



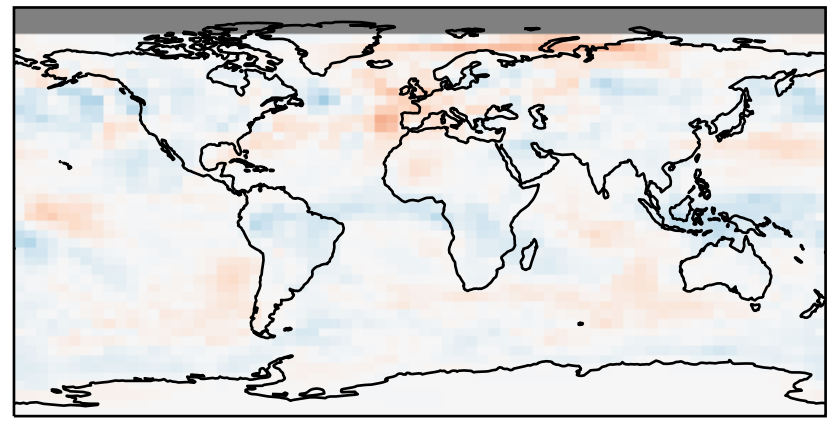


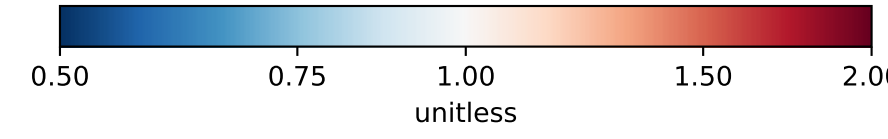
Ratio
Dev/Ref, Dynamic Range





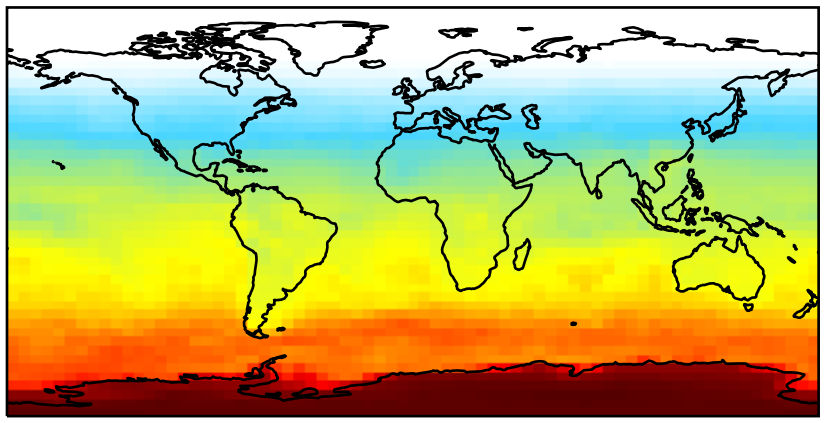
Ratio
Dev/Ref, Fixed Range

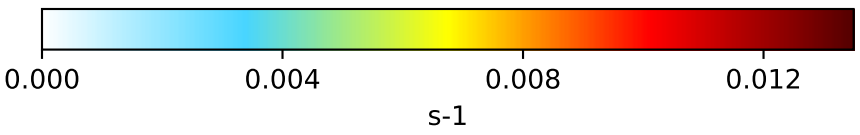




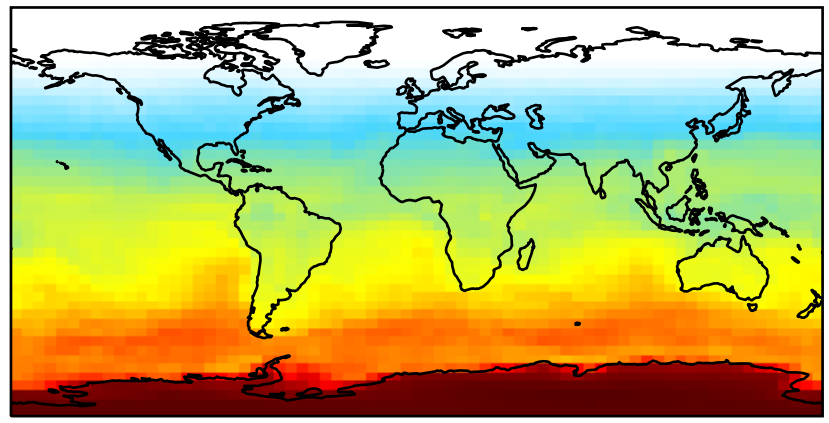
Jval_IONO2 (Jan2019)

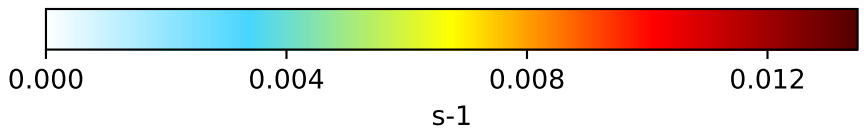
GCC_12.9.0 (Ref)
4.0x5.0



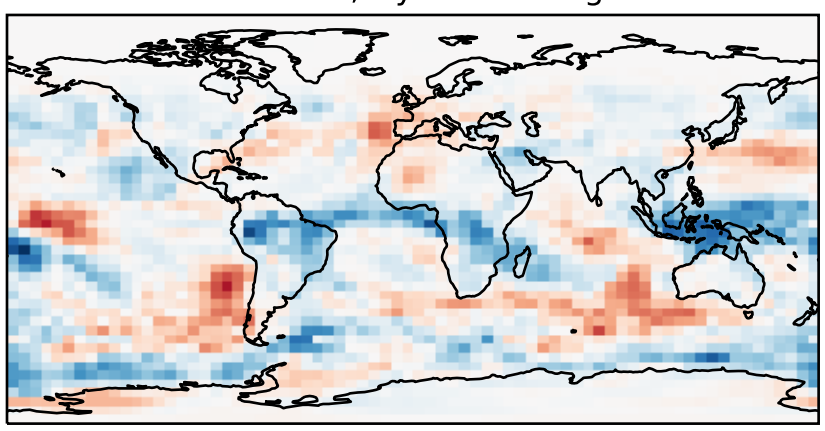


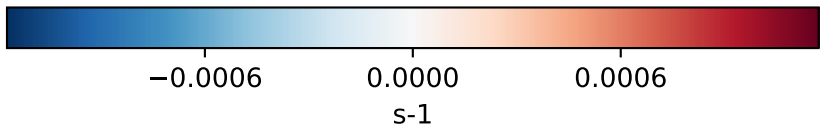
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



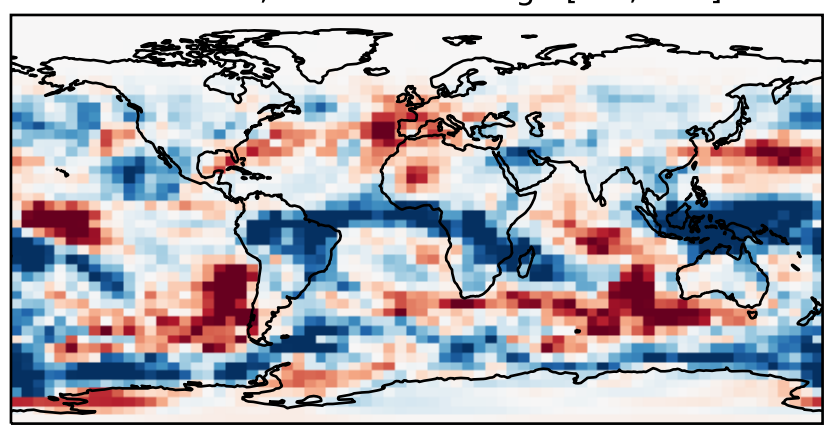


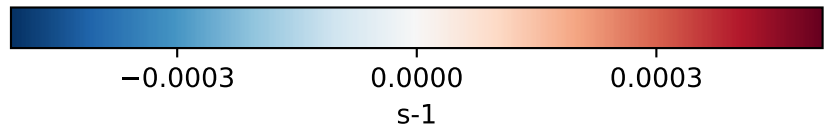
Difference
Dev - Ref, Dynamic Range



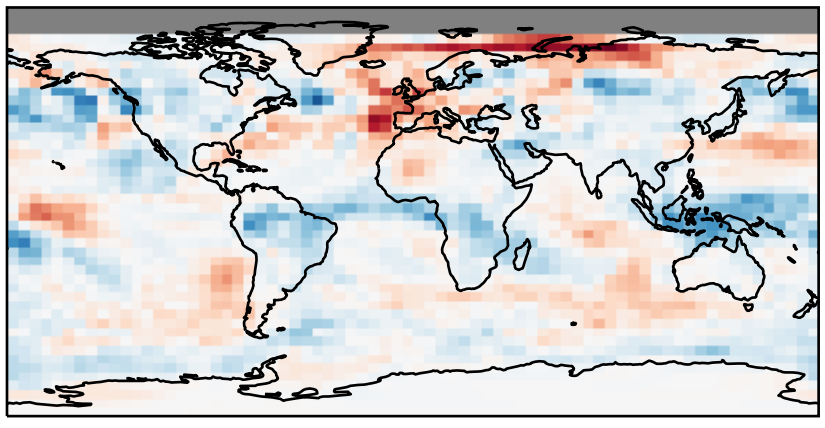


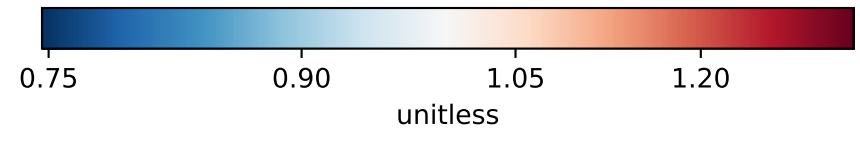
Difference
Dev - Ref, Restricted Range [5%,95%]



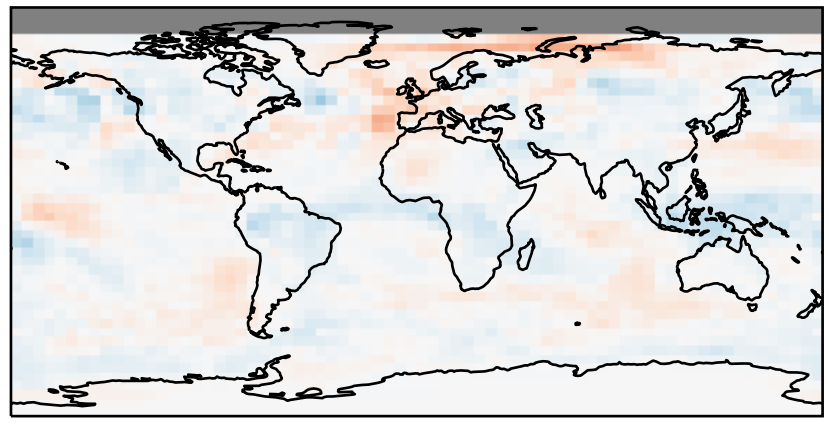


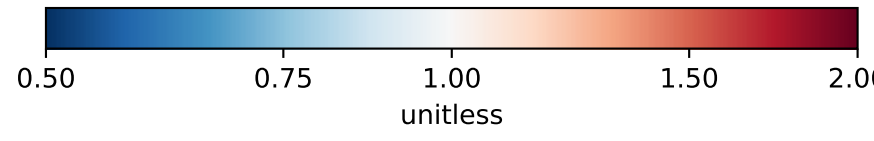
Ratio
Dev/Ref, Dynamic Range





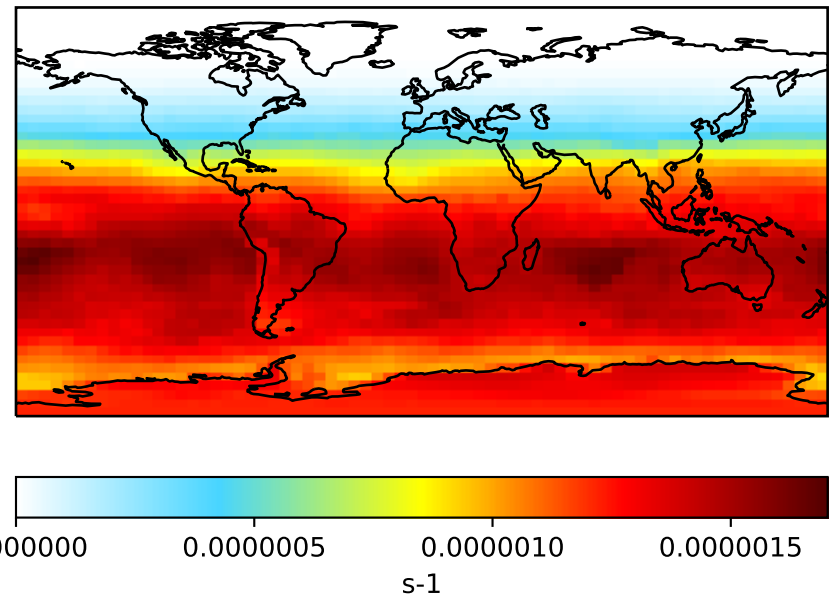
Ratio
Dev/Ref, Fixed Range



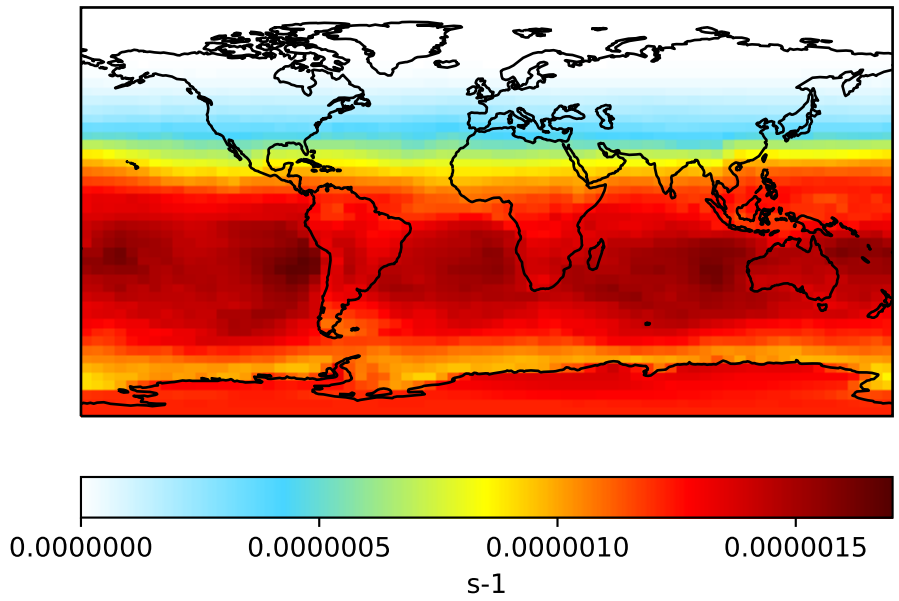


Jval_IPRNO3 (Jan2019)

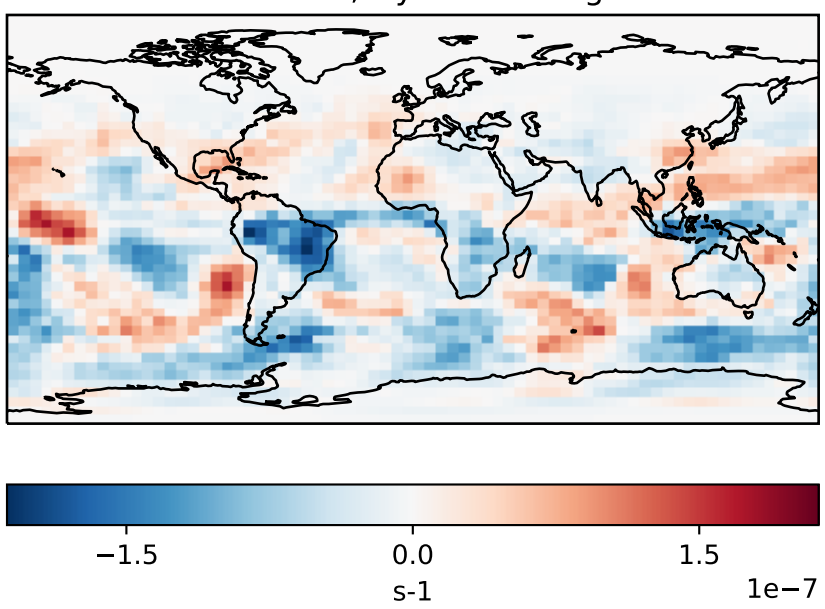
GCC_12.9.0 (Ref)
4.0x5.0



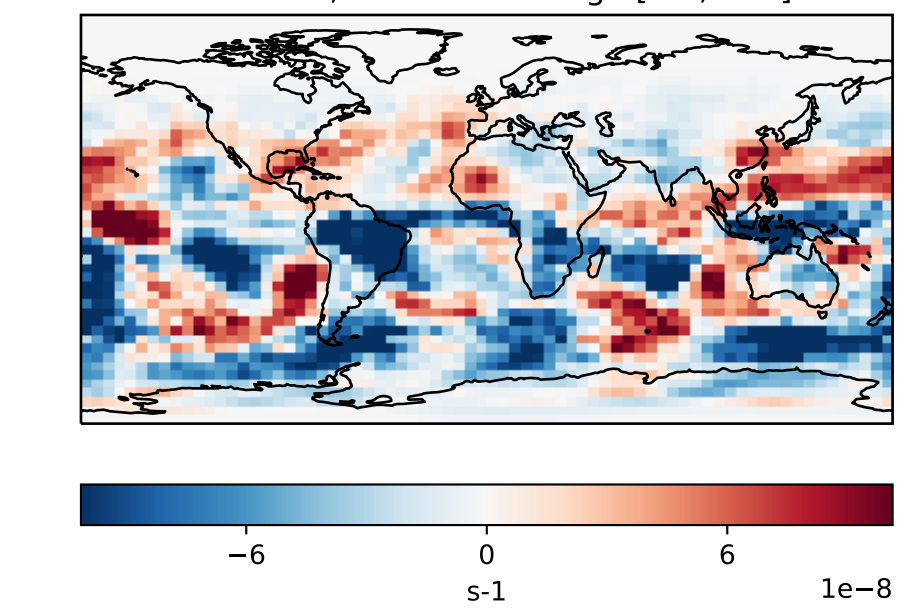
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



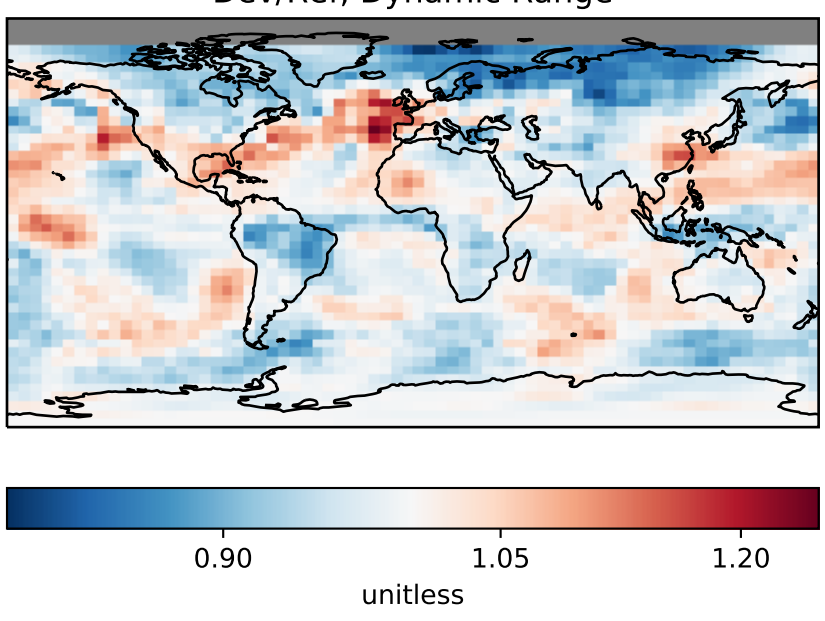
Difference
Dev - Ref, Dynamic Range



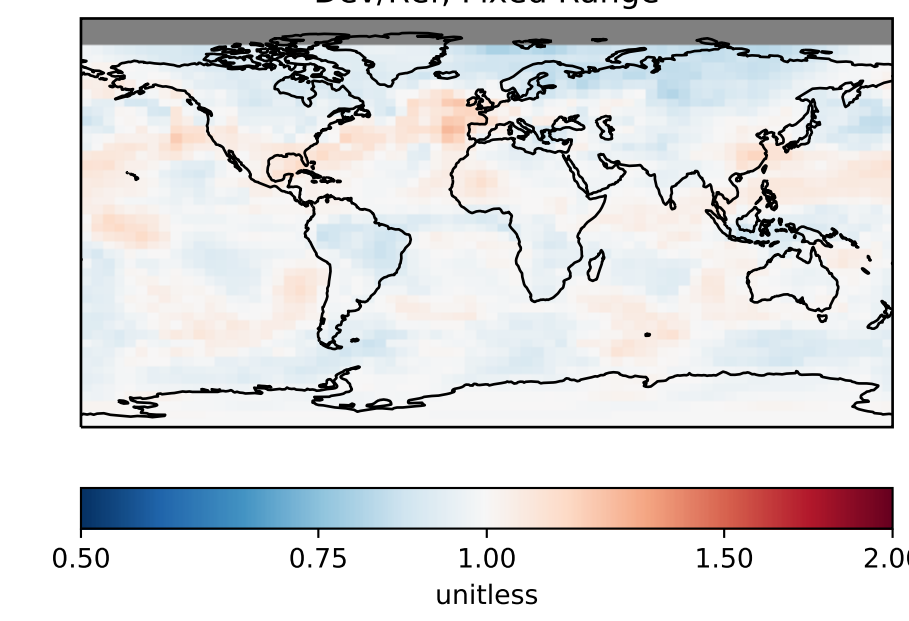
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

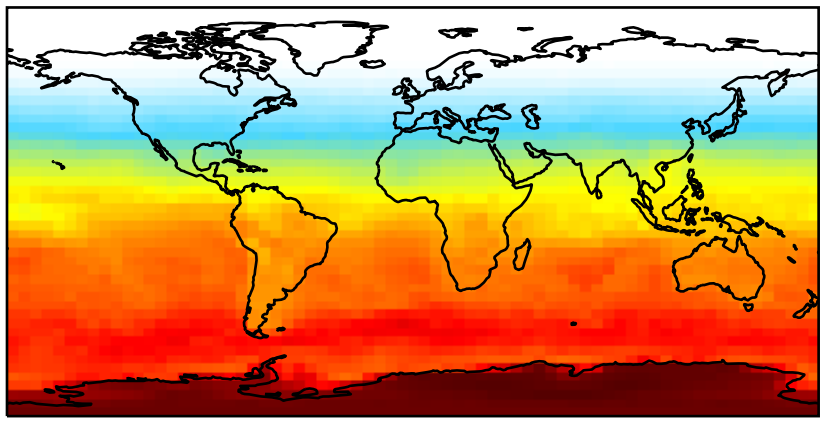


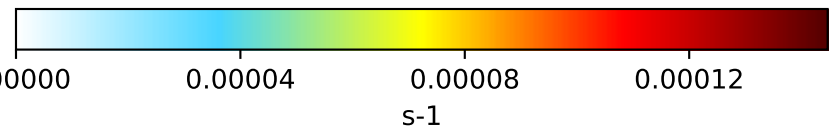
Ratio
Dev/Ref, Fixed Range



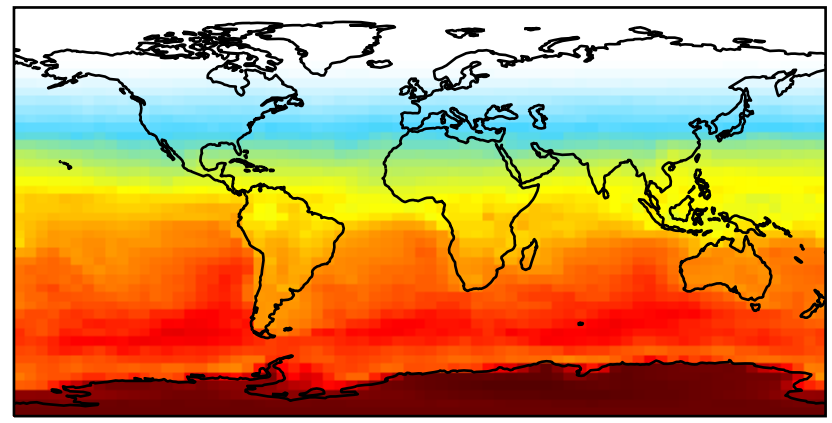
Jval_ITCN (Jan2019)

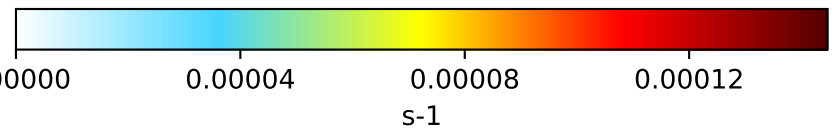
GCC_12.9.0 (Ref)
4.0x5.0



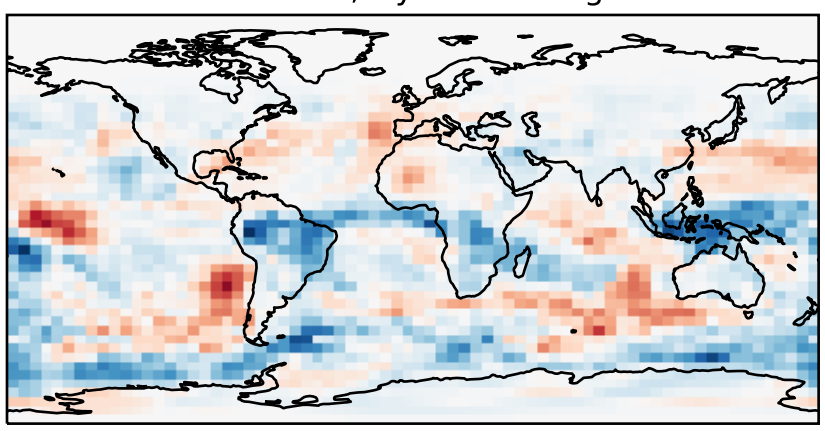


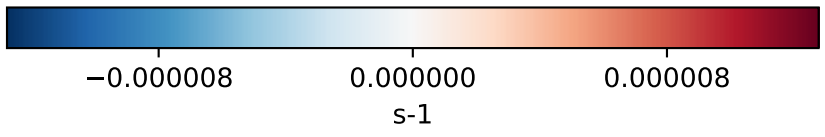
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



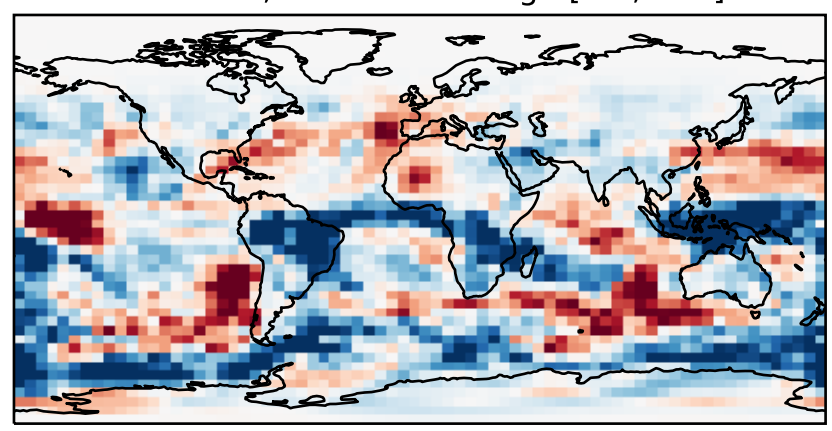


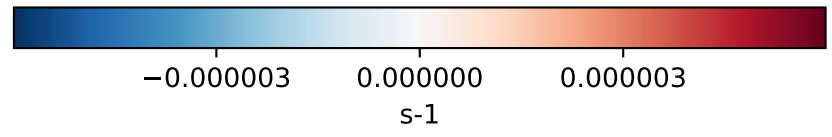
Difference
Dev - Ref, Dynamic Range



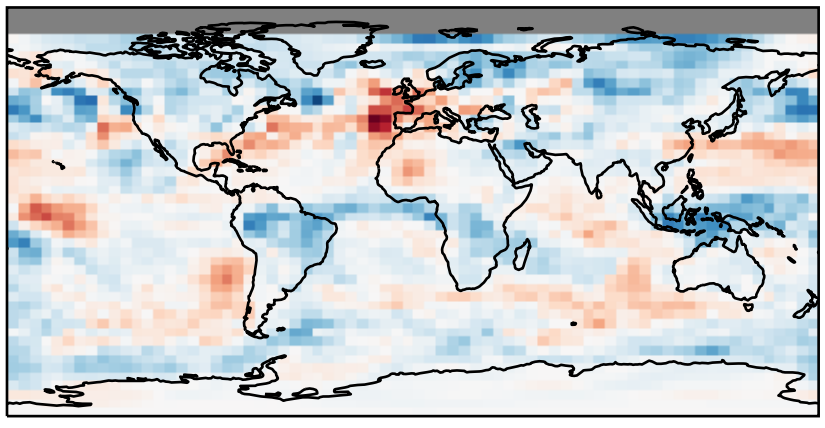


Difference
Dev - Ref, Restricted Range [5%,95%]



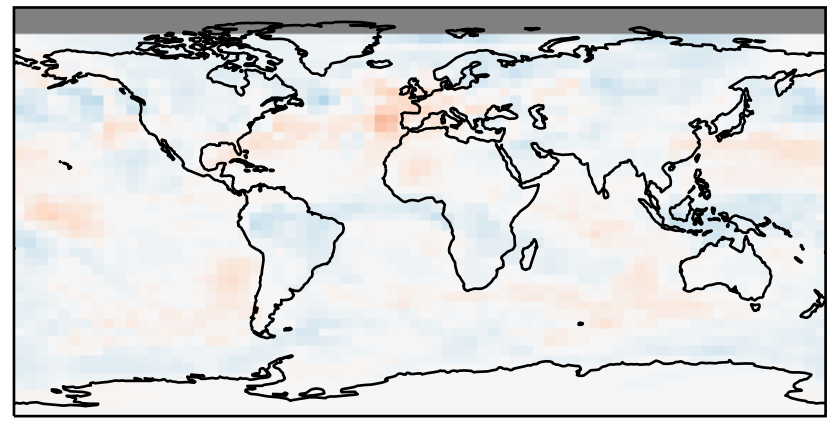


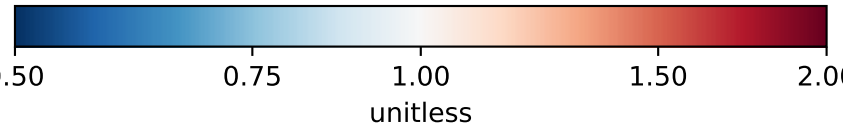
Ratio
Dev/Ref, Dynamic Range





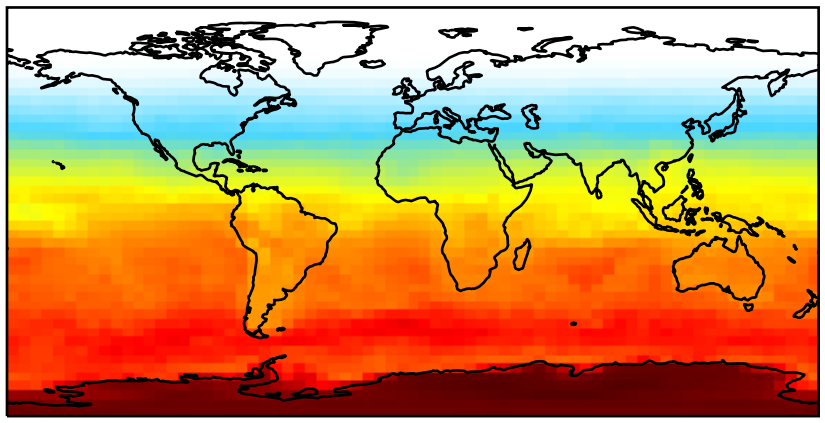
Ratio
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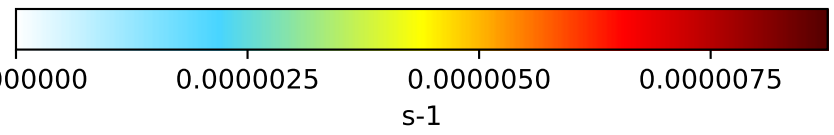




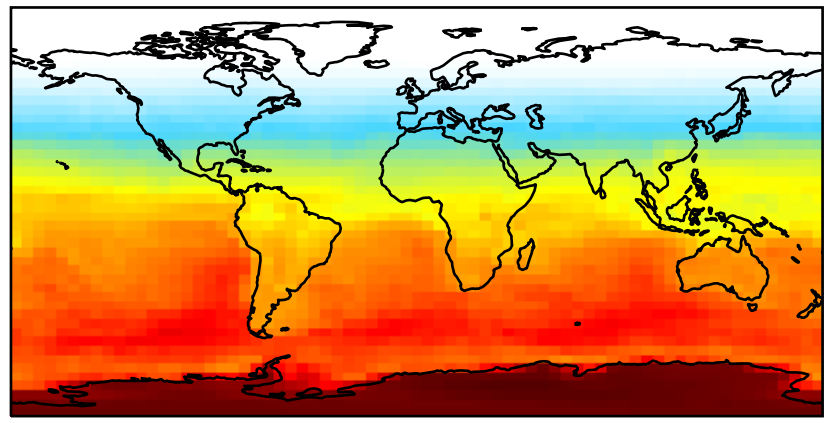
Jval_ITHN (Jan2019)

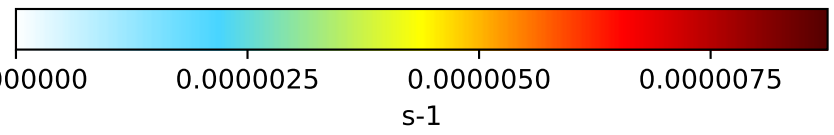
GCC_12.9.0 (Ref)
4.0x5.0



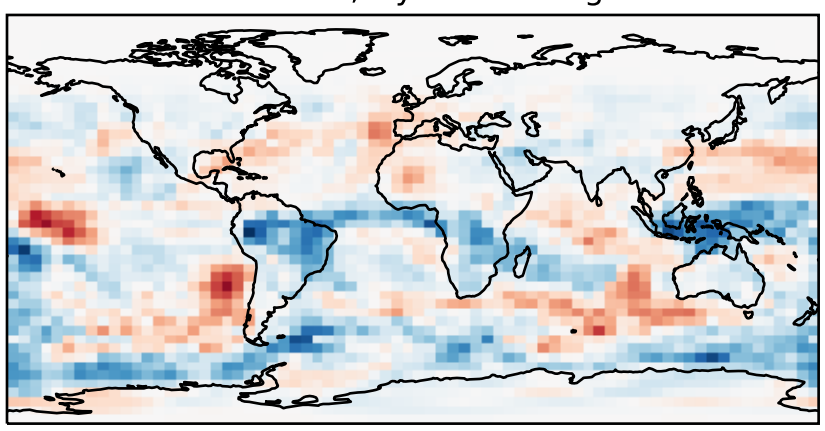


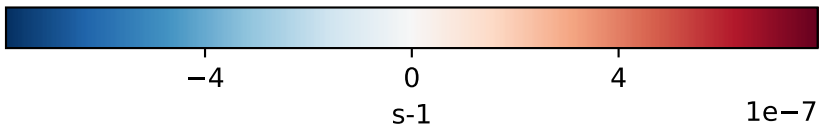
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



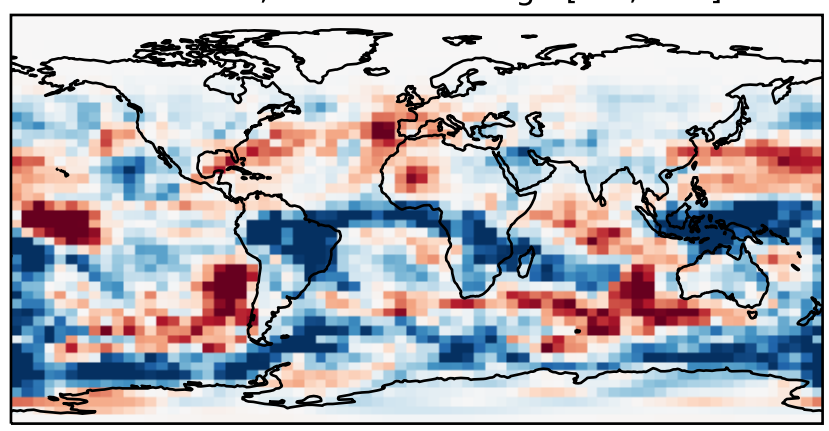


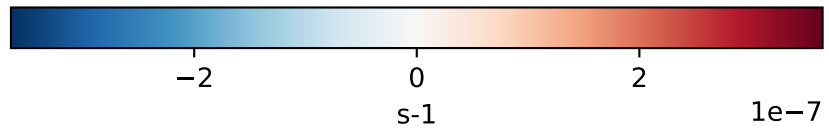
Difference
Dev - Ref, Dynamic Range



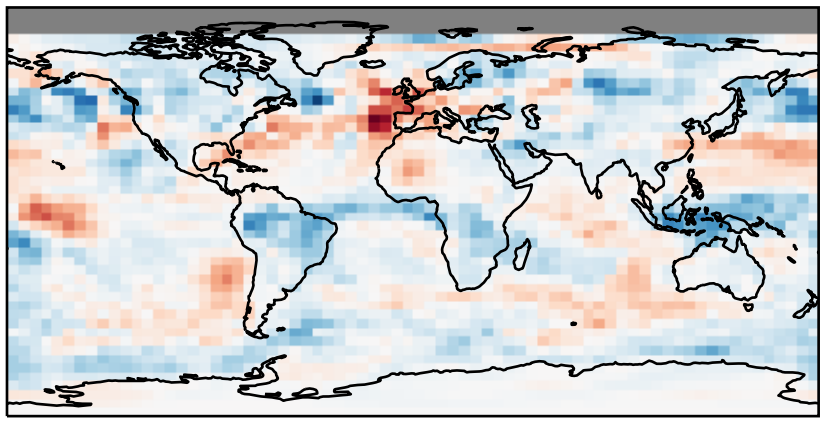


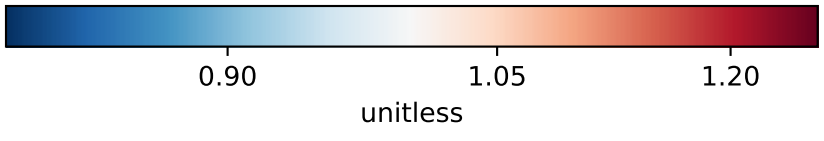
Difference
Dev - Ref, Restricted Range [5%,95%]



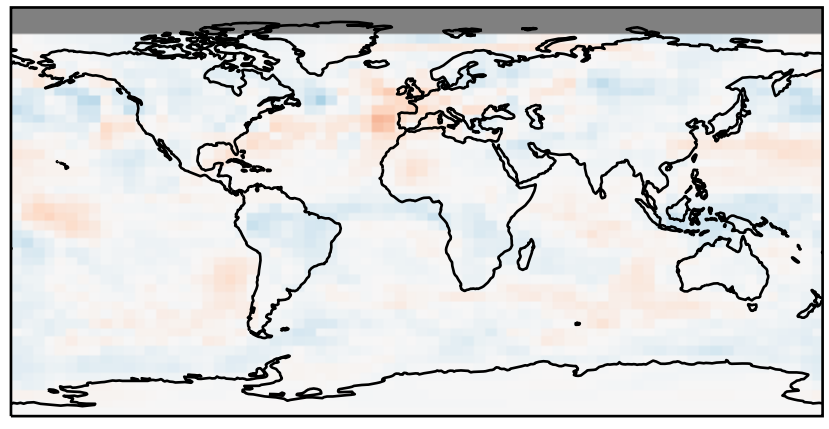


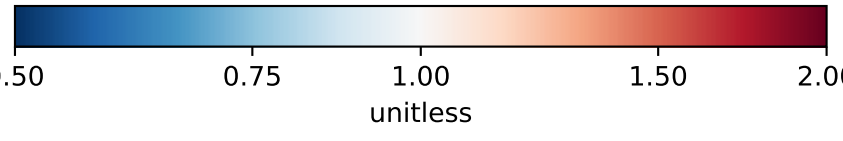
Ratio
Dev/Ref, Dynamic Range





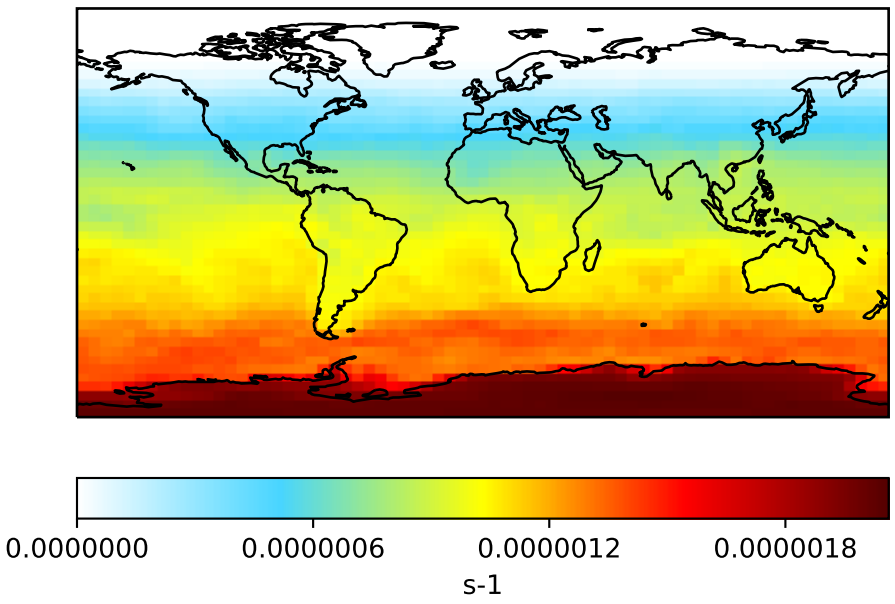
Ratio
Dev/Ref, Fixed Range



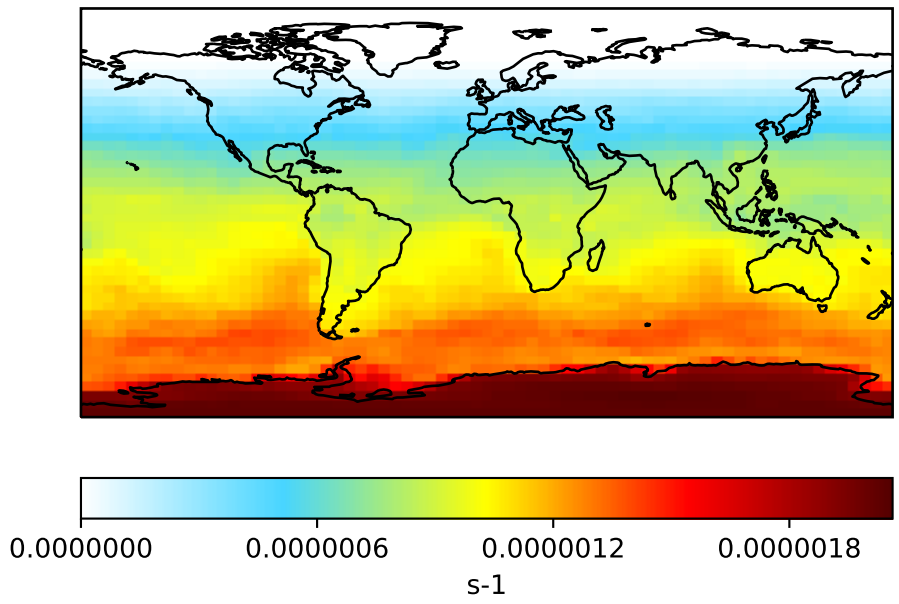


Jval_MACR (Jan2019)

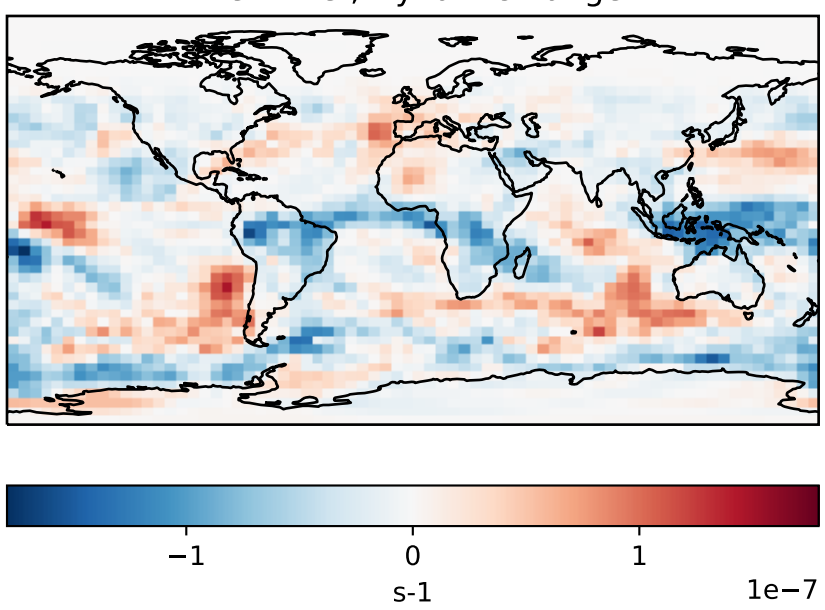
GCC_12.9.0 (Ref)
4.0x5.0



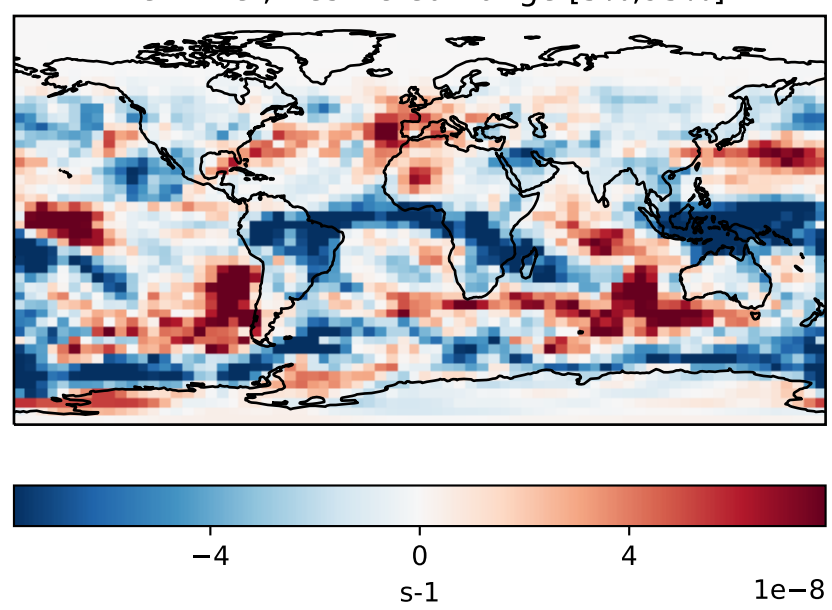
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



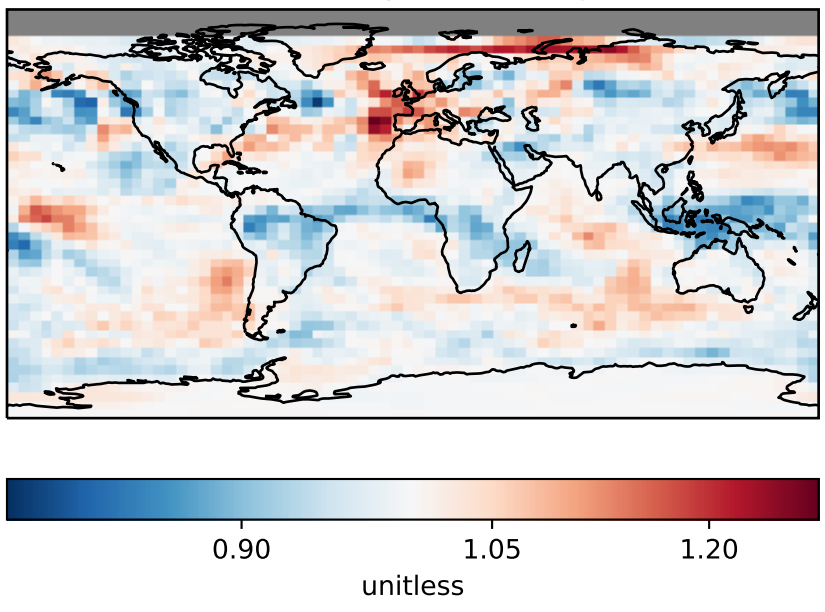
Difference
Dev - Ref, Dynamic Range



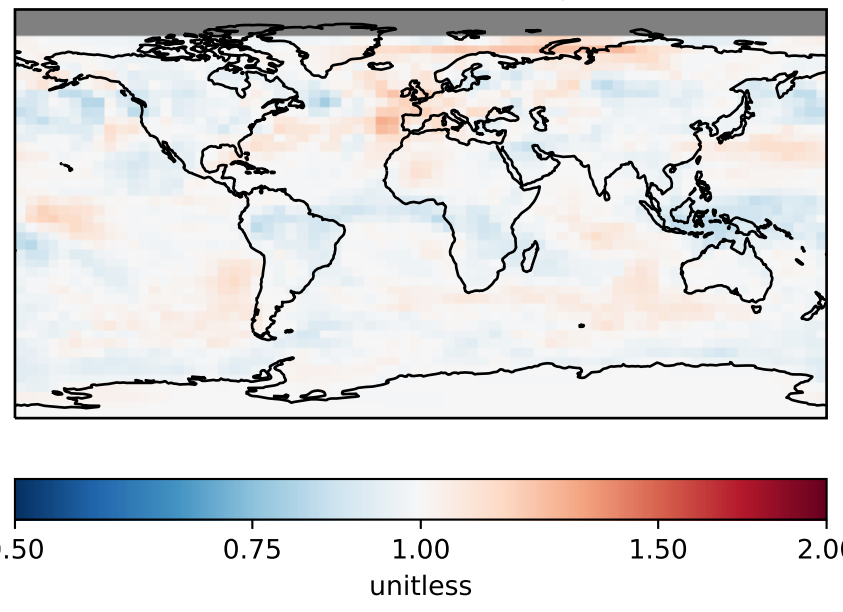
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

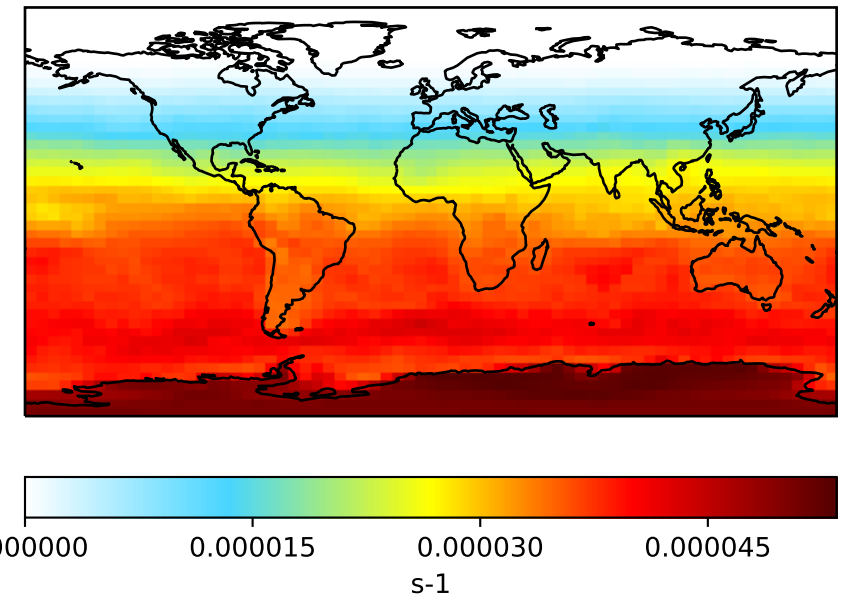


Ratio
Dev/Ref, Fixed Range

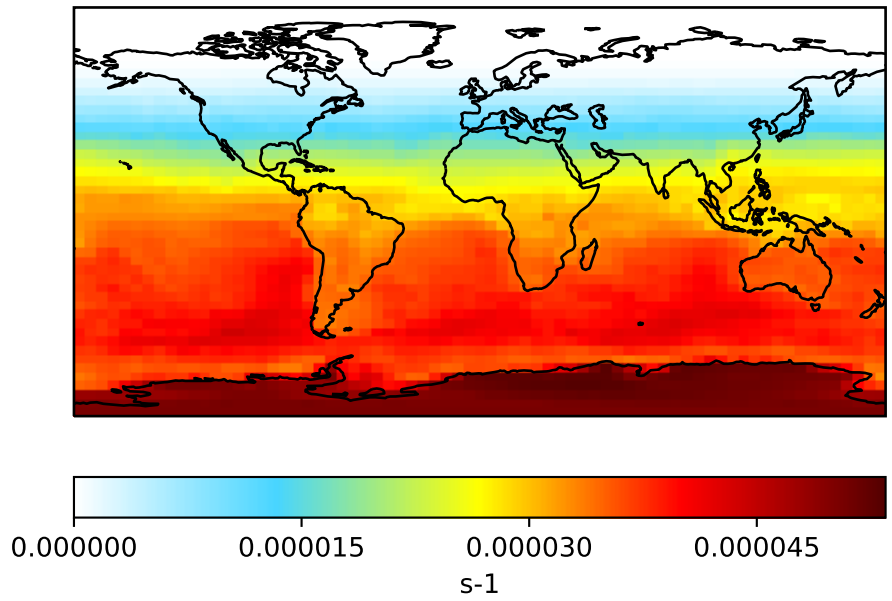


Jval_MACR1OOH (Jan2019)

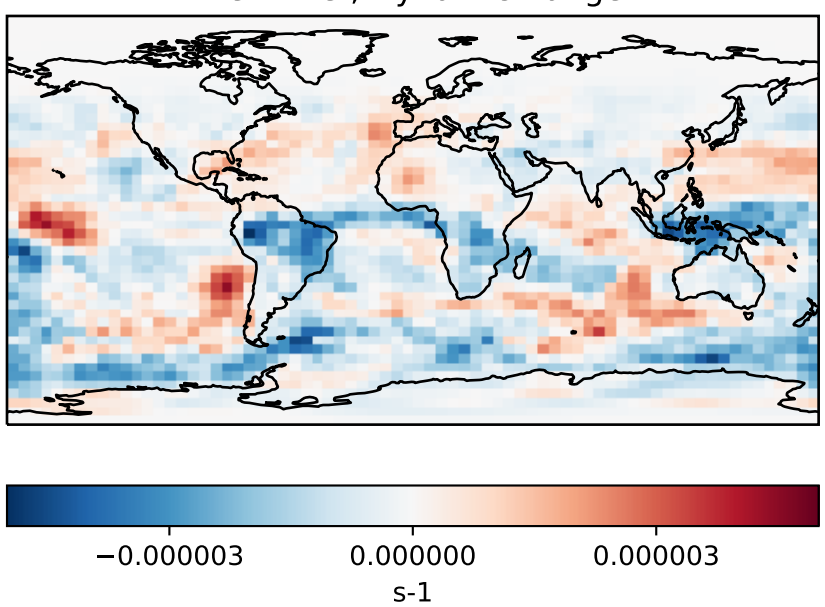
GCC_12.9.0 (Ref)
4.0x5.0



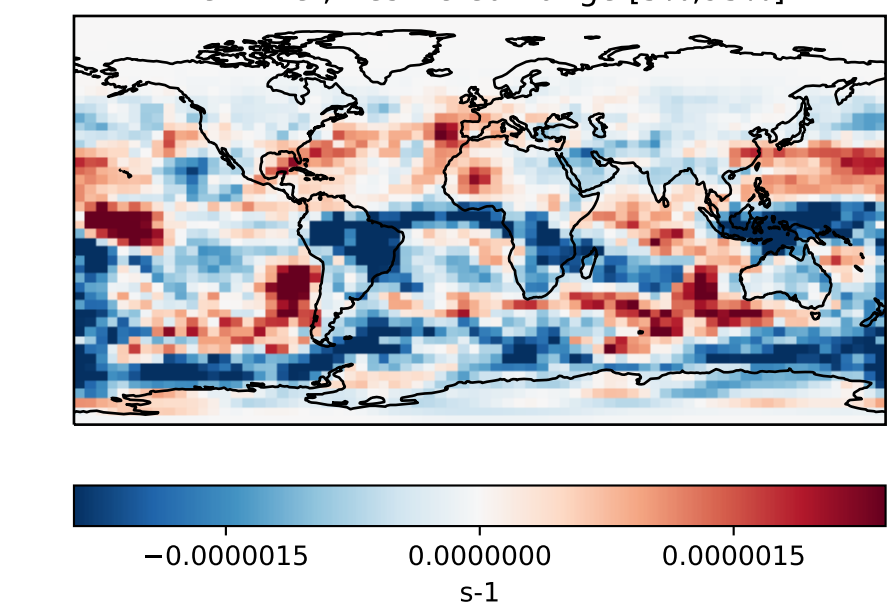
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



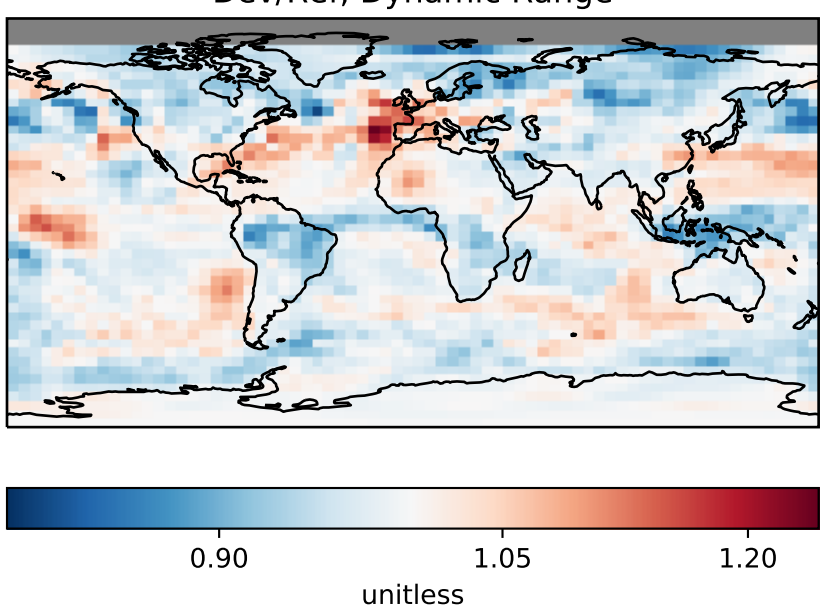
Difference
Dev - Ref, Dynamic Range



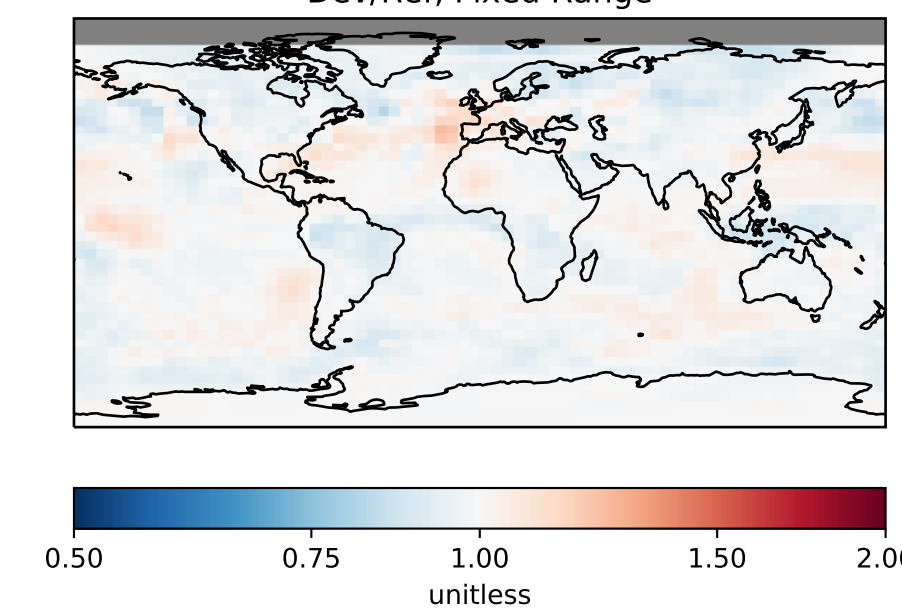
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

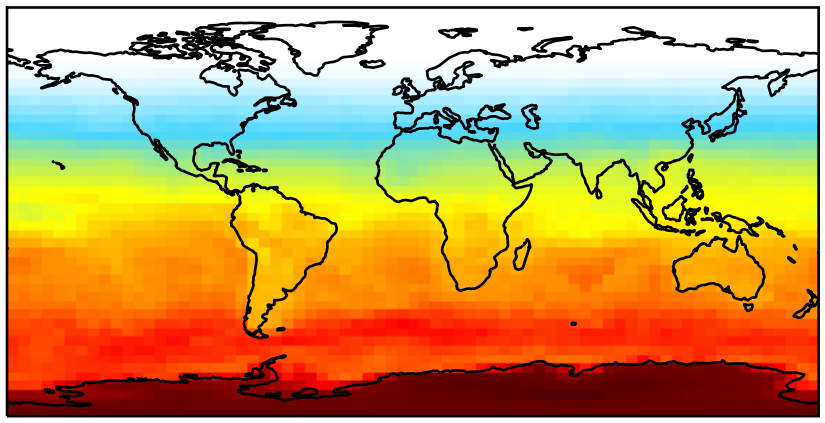


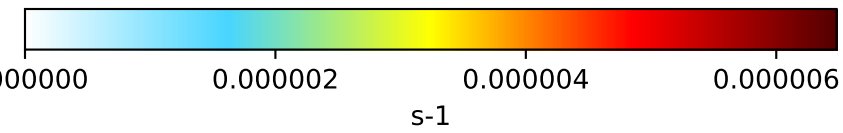
Ratio
Dev/Ref, Fixed Range



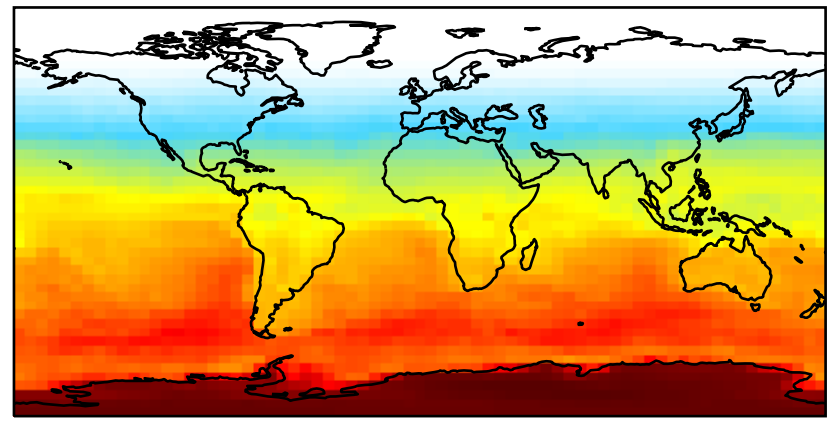
Jval_MAP (Jan2019)

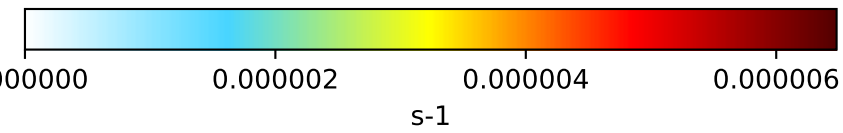
GCC_12.9.0 (Ref)
4.0x5.0



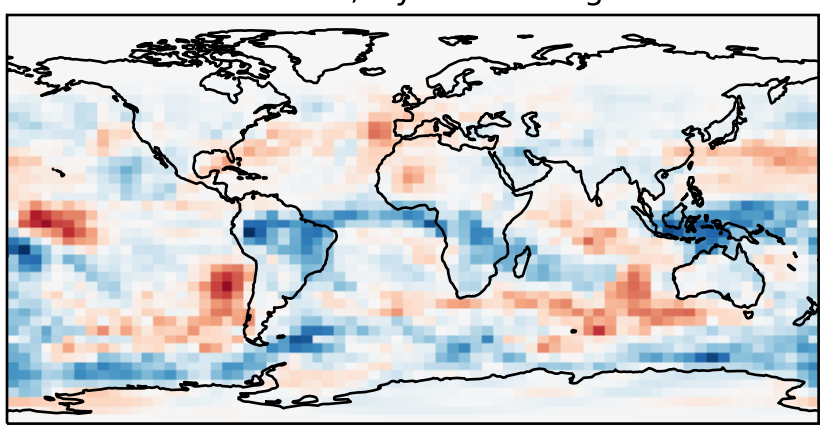


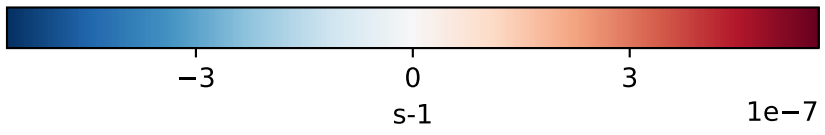
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



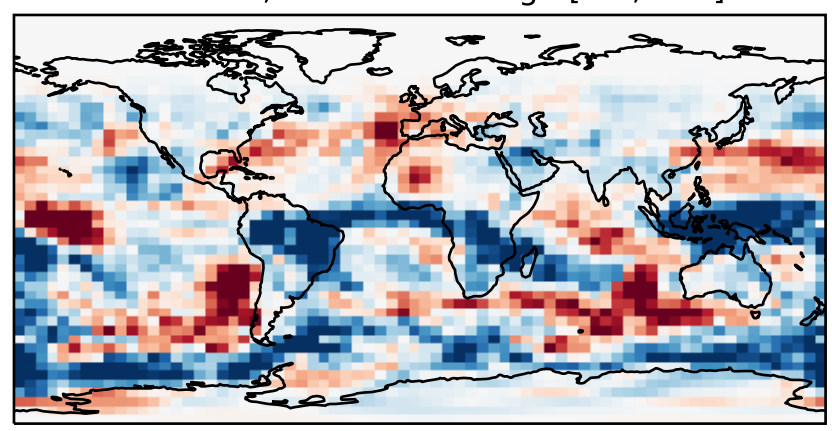


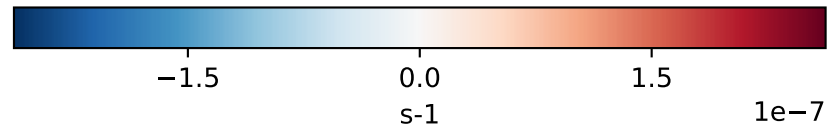
Difference
Dev - Ref, Dynamic Range



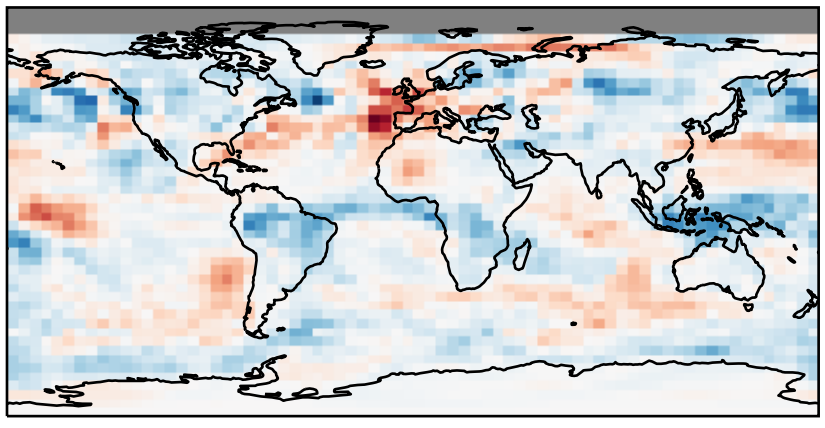


Difference
Dev - Ref, Restricted Range [5%,95%]



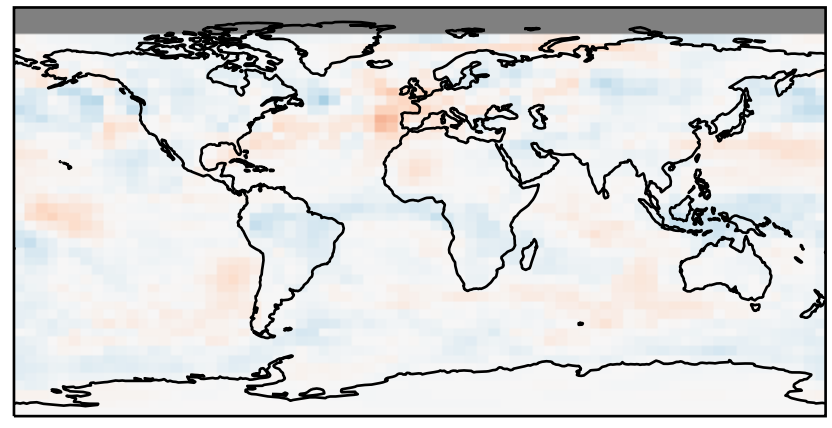


Ratio
Dev/Ref, Dynamic Range





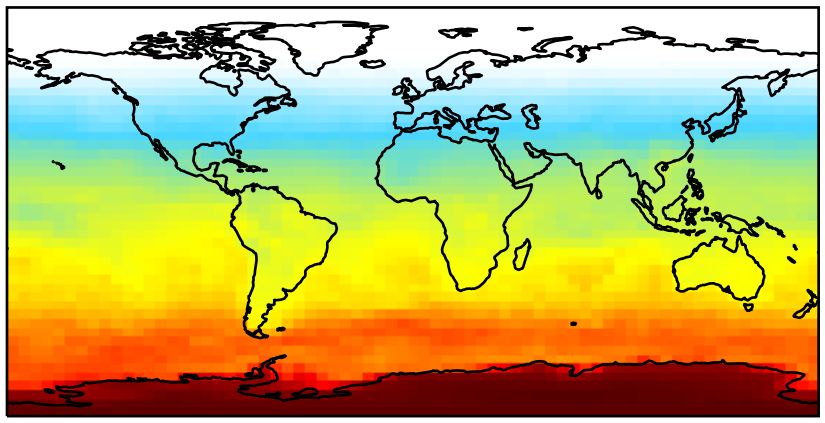
Ratio
Dev/Ref, Fixed Range

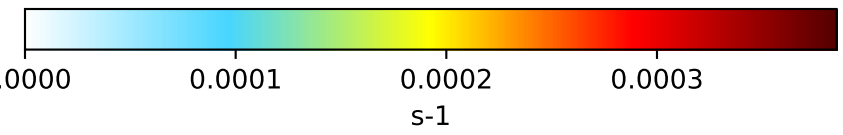




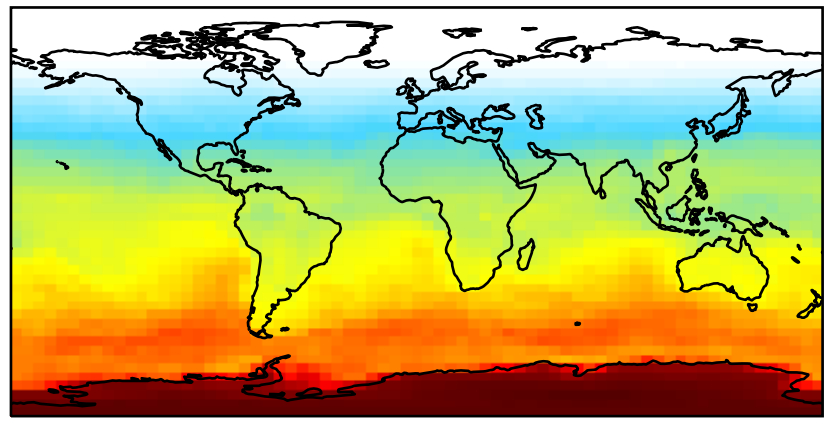
Jval_MCRENOL (Jan2019)

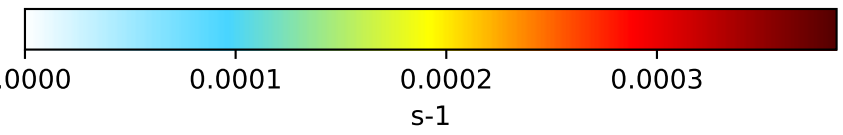
GCC_12.9.0 (Ref)
4.0x5.0



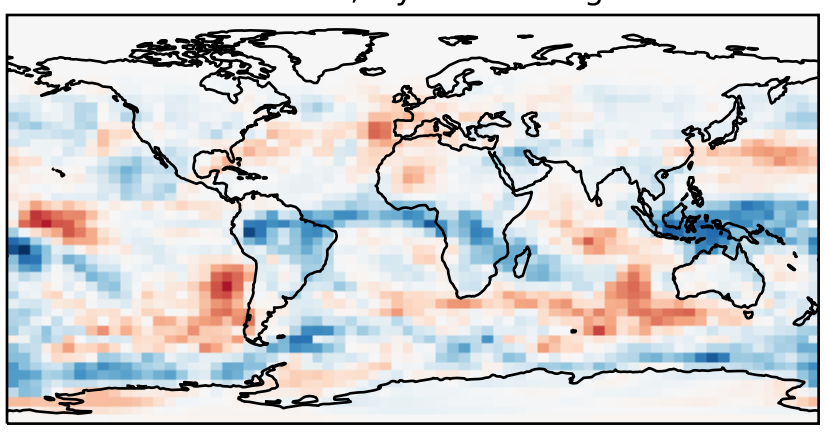


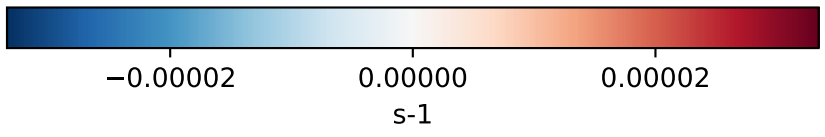
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



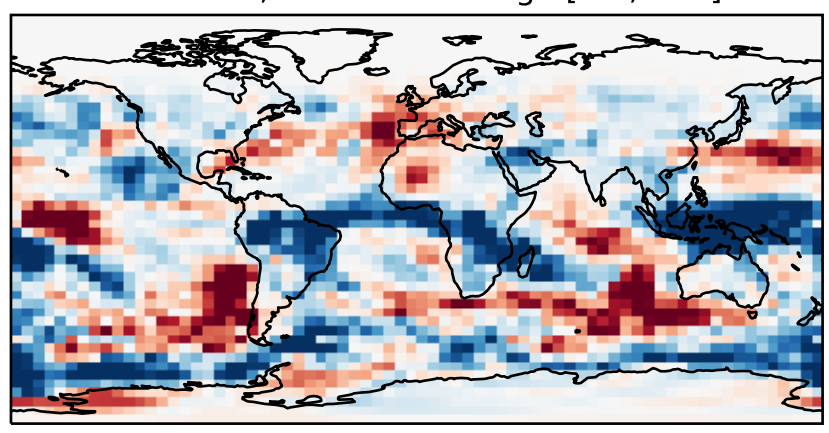


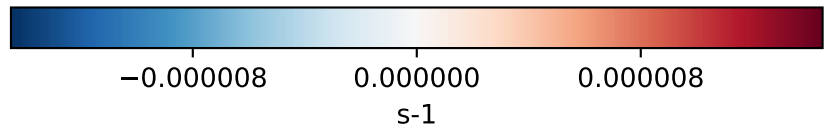
Difference
Dev - Ref, Dynamic Range



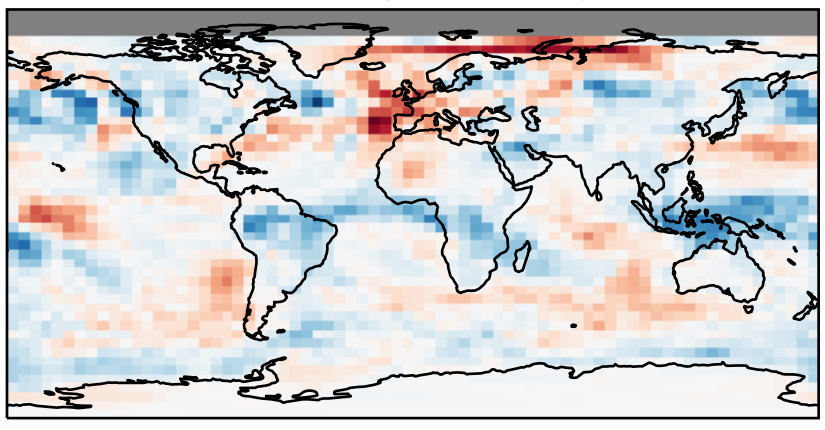


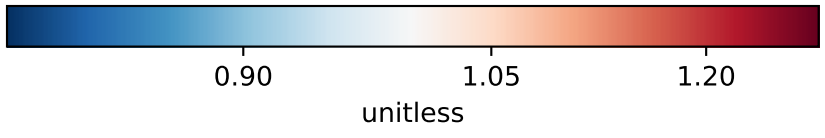
Difference
Dev - Ref, Restricted Range [5%,95%]



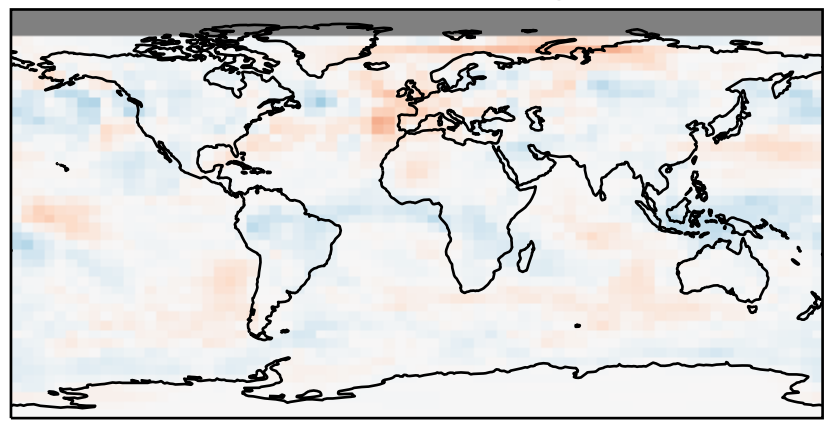


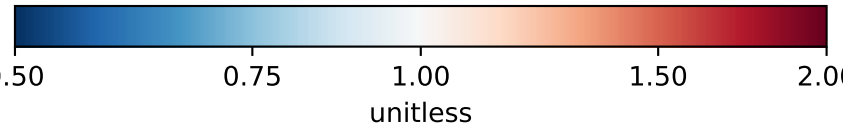
Ratio
Dev/Ref, Dynamic Range





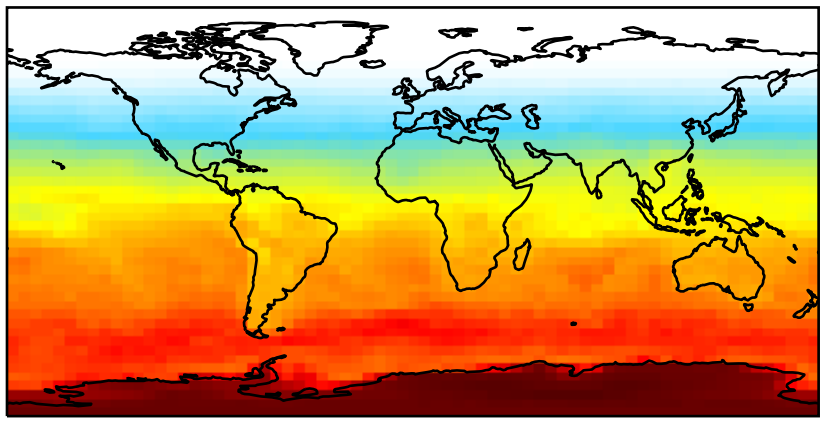
Ratio
Dev/Ref, Fixed Range

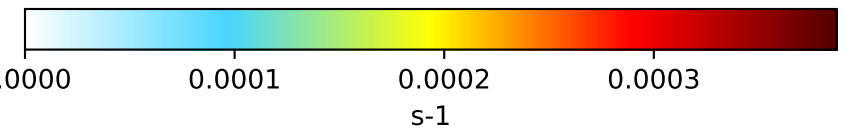




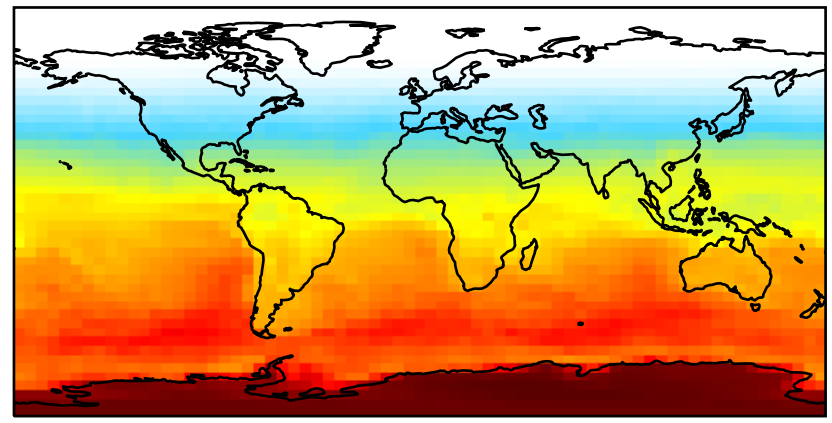
Jval_MCRHN (Jan2019)

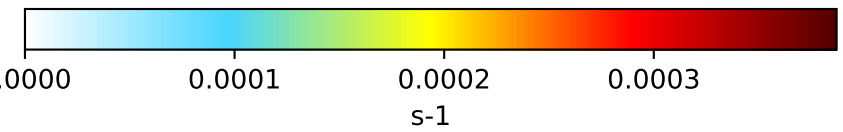
GCC_12.9.0 (Ref)
4.0x5.0



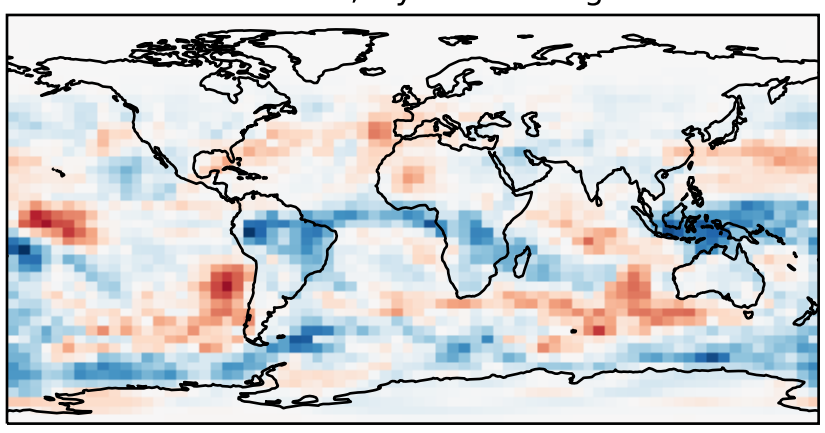


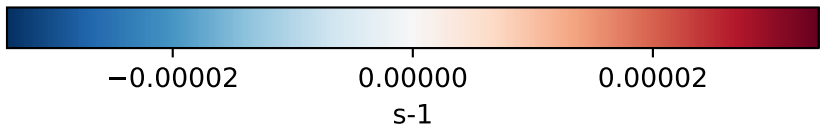
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



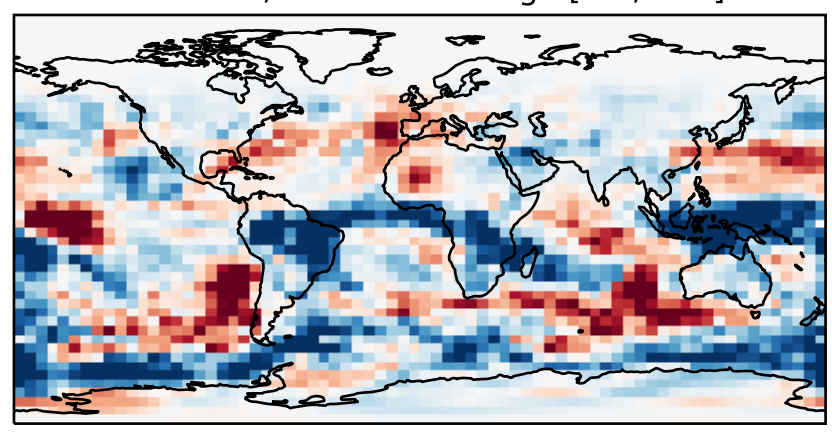


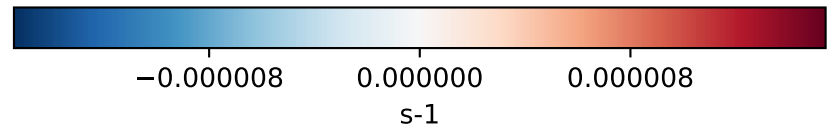
Difference
Dev - Ref, Dynamic Range



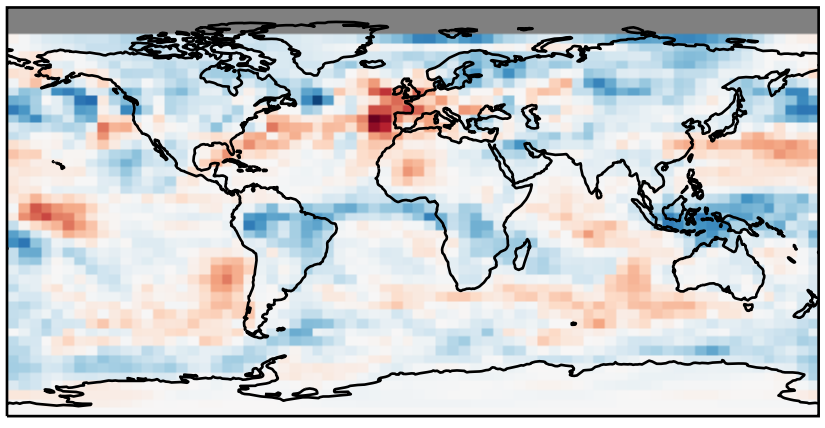


Difference
Dev - Ref, Restricted Range [5%,95%]



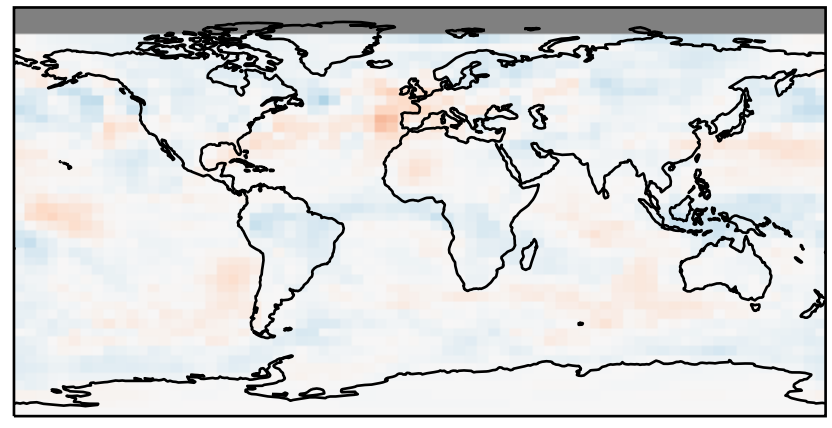


Ratio
Dev/Ref, Dynamic Range





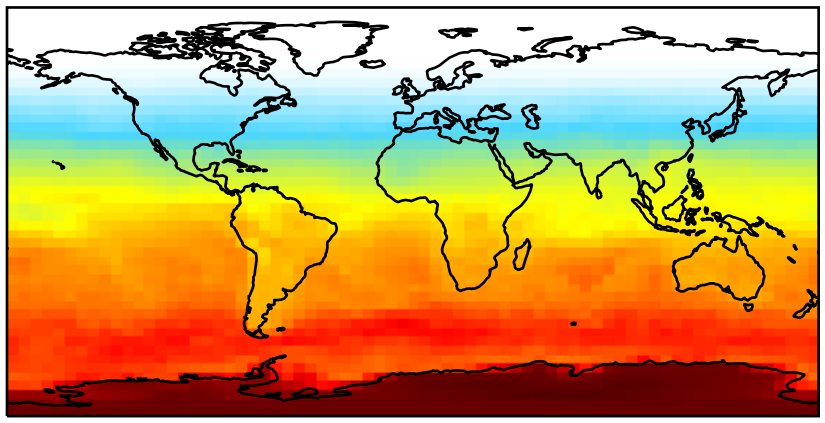
Ratio
Dev/Ref, Fixed Range

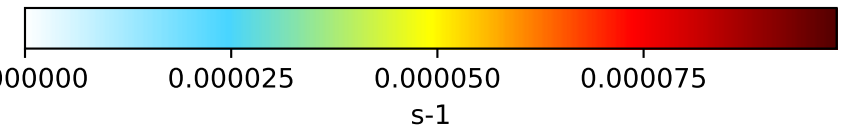




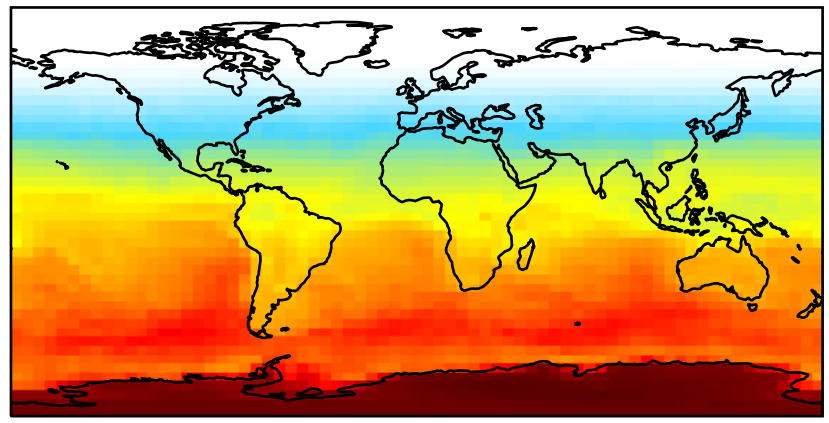
Jval_MCRHNB (Jan2019)

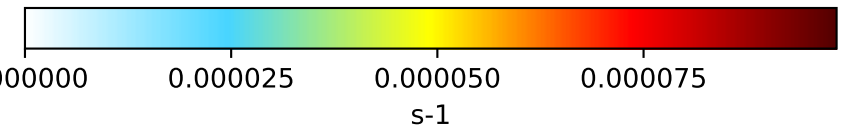
GCC_12.9.0 (Ref)
4.0x5.0



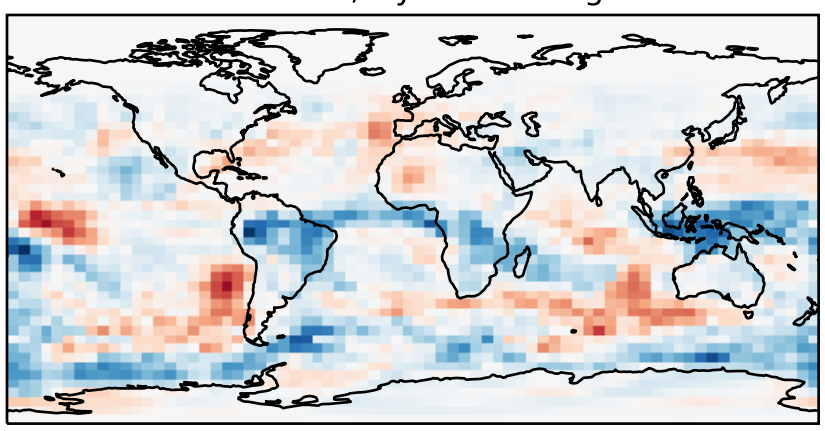


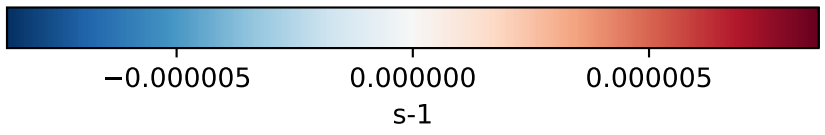
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



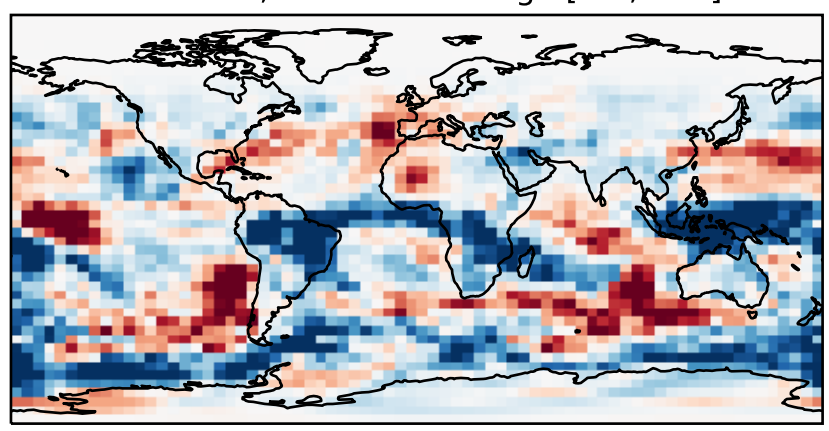


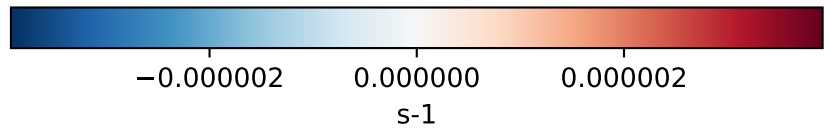
Difference
Dev - Ref, Dynamic Range



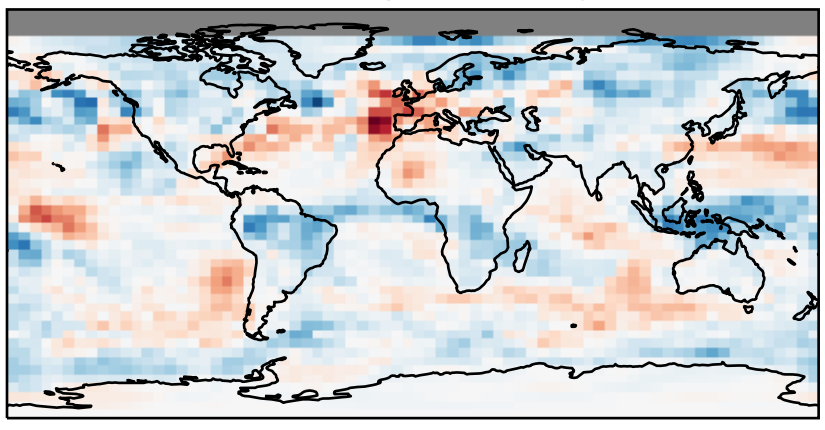


Difference
Dev - Ref, Restricted Range [5%,95%]



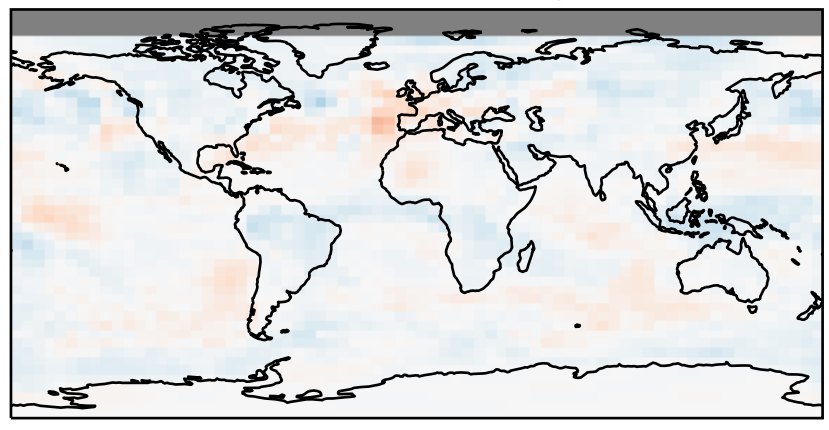


Ratio
Dev/Ref, Dynamic Range





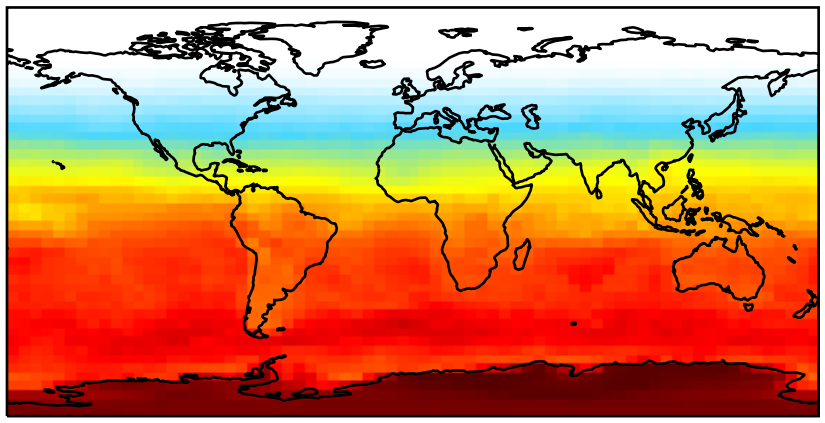
Ratio
Dev/Ref, Fixed Range

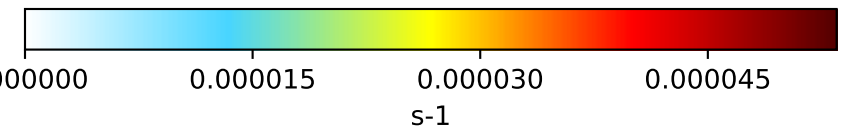




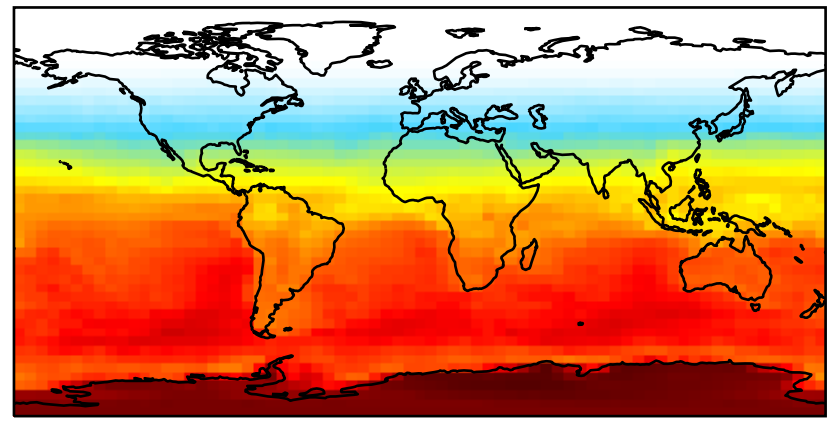
Jval_MCRHP (Jan2019)

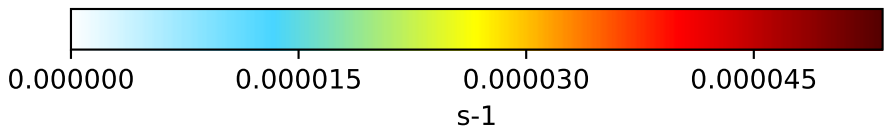
GCC_12.9.0 (Ref)
4.0x5.0



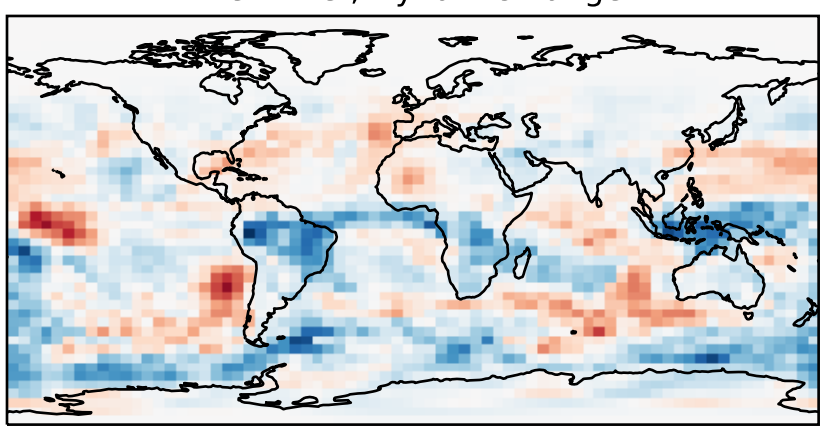


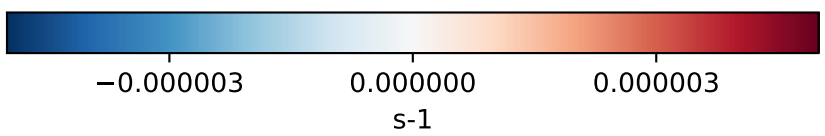
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



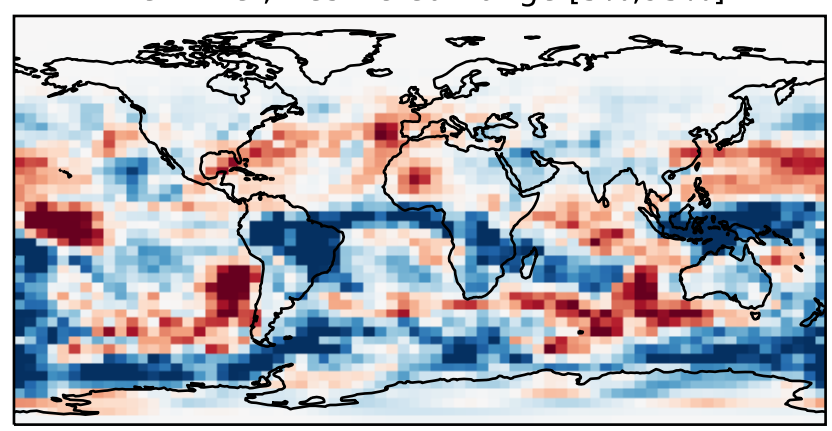


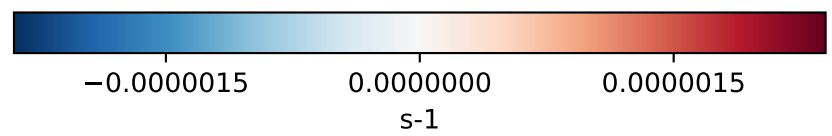
Difference
Dev - Ref, Dynamic Range



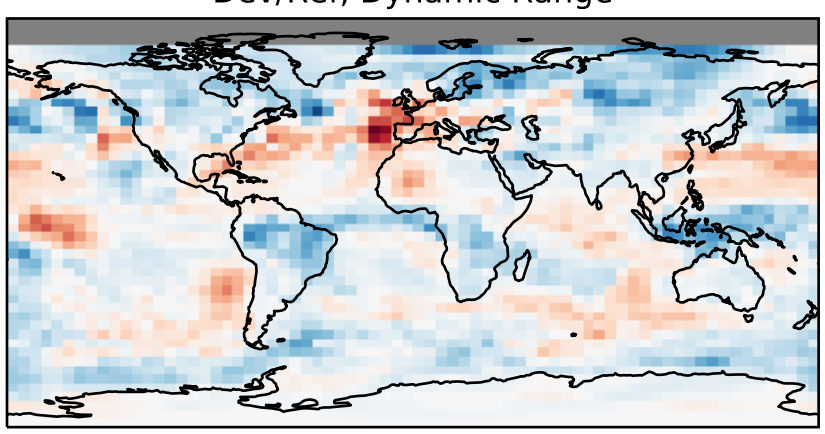


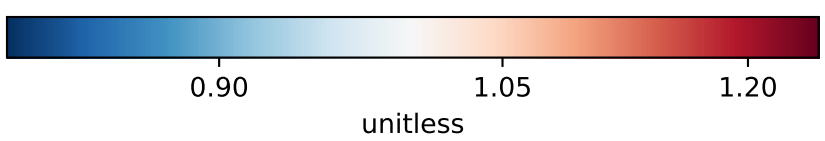
Difference
Dev - Ref, Restricted Range [5%,95%]



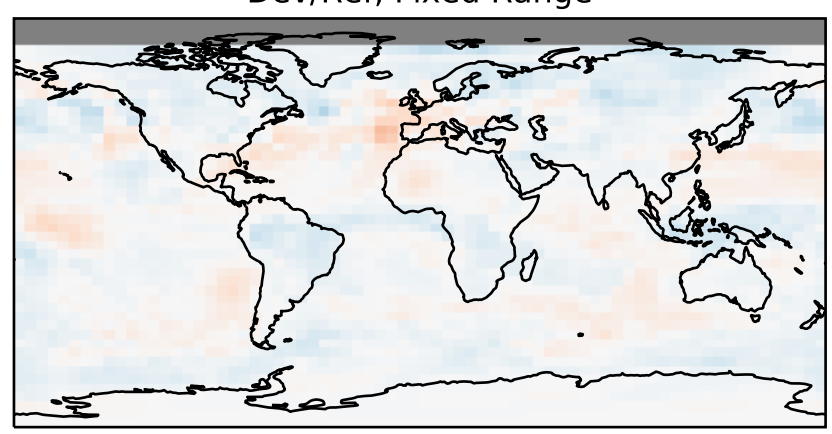


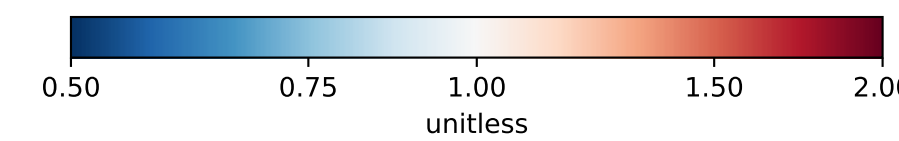
Ratio
Dev/Ref, Dynamic Range





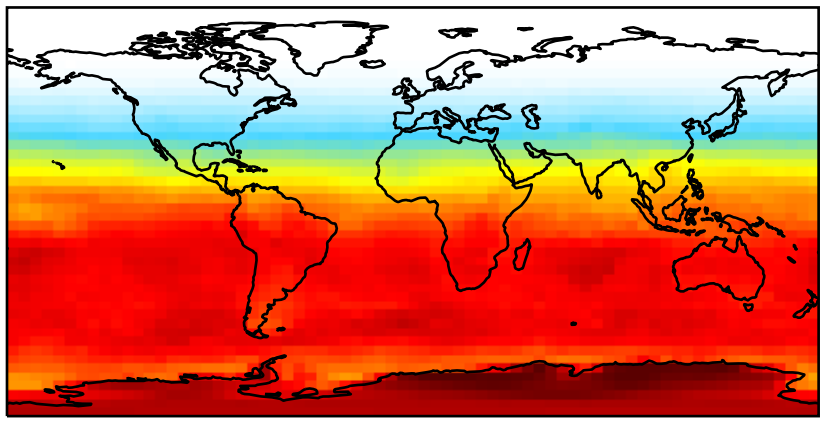
Ratio
Dev/Ref, Fixed Range

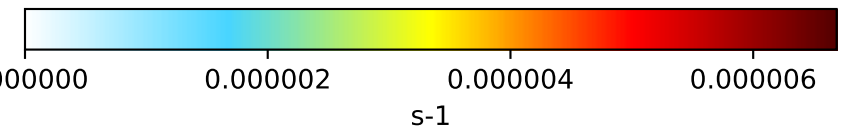




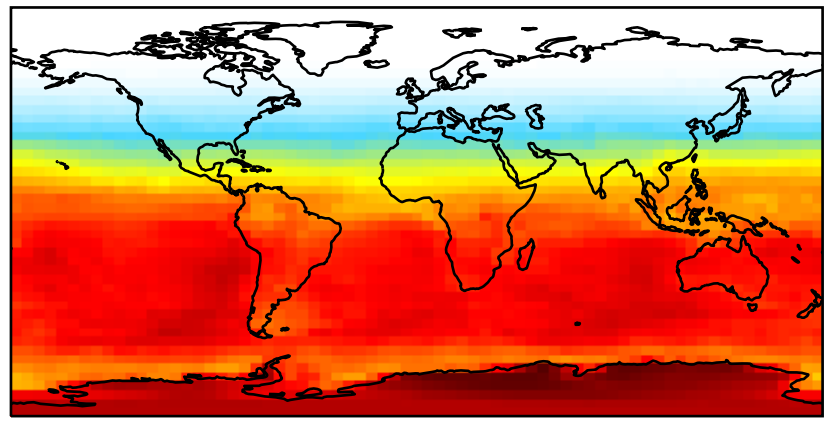
Jval_MEK (Jan2019)

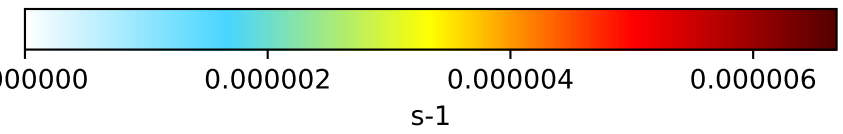
GCC_12.9.0 (Ref)
4.0x5.0



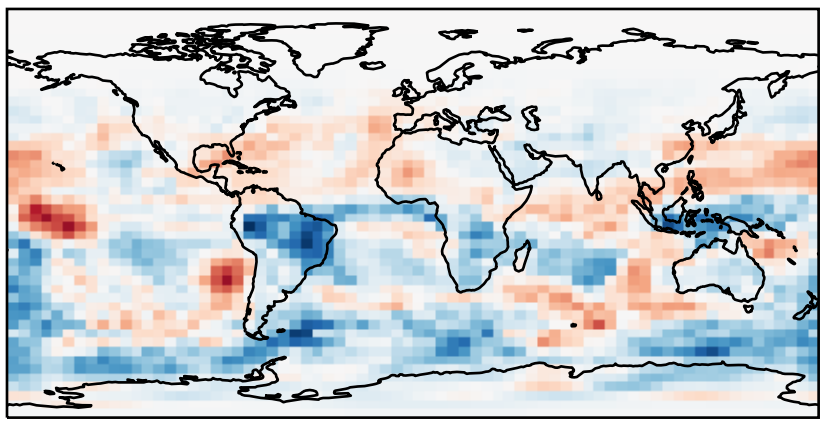


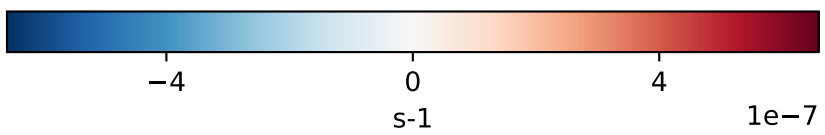
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



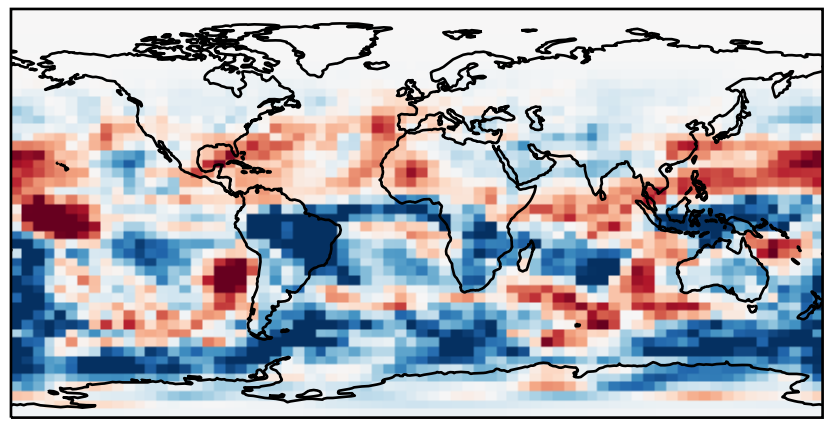


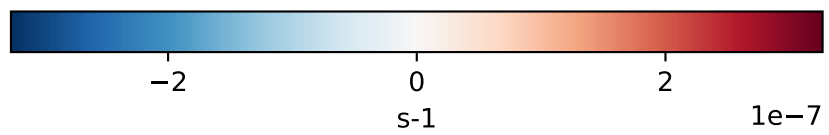
Difference
Dev - Ref, Dynamic Range



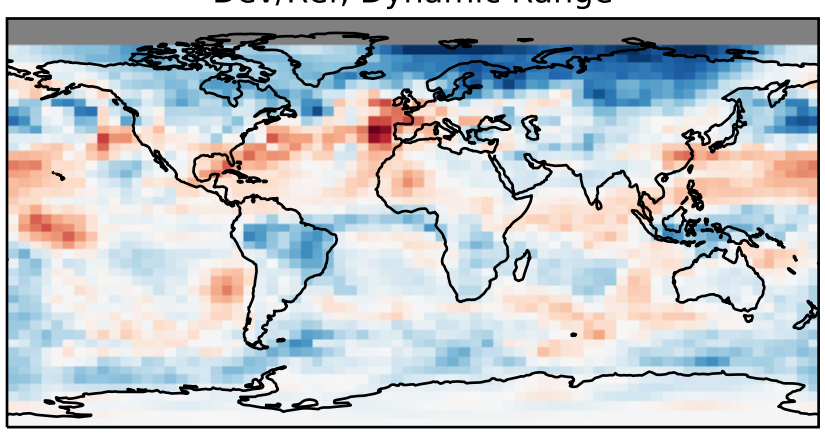


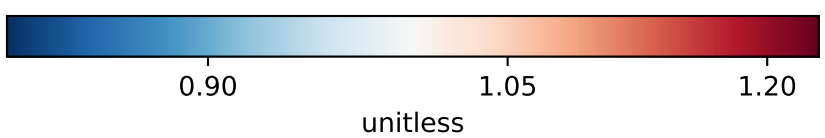
Difference
Dev - Ref, Restricted Range [5%,95%]



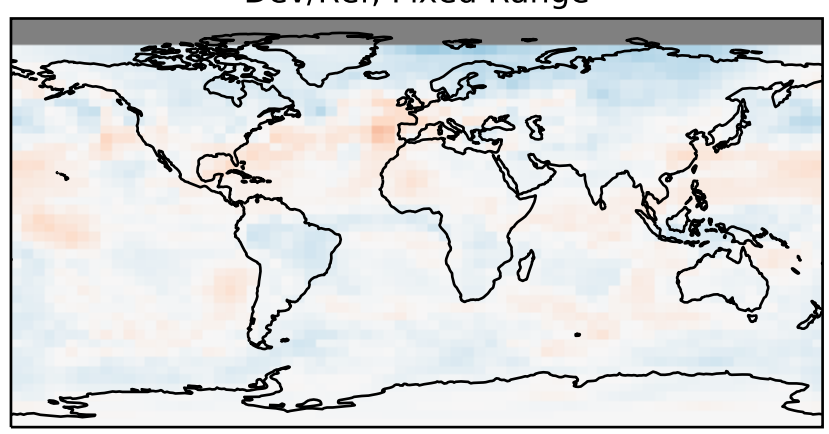


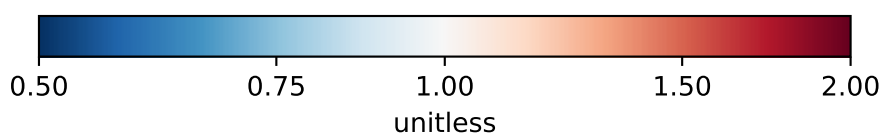
Ratio
Dev/Ref, Dynamic Range





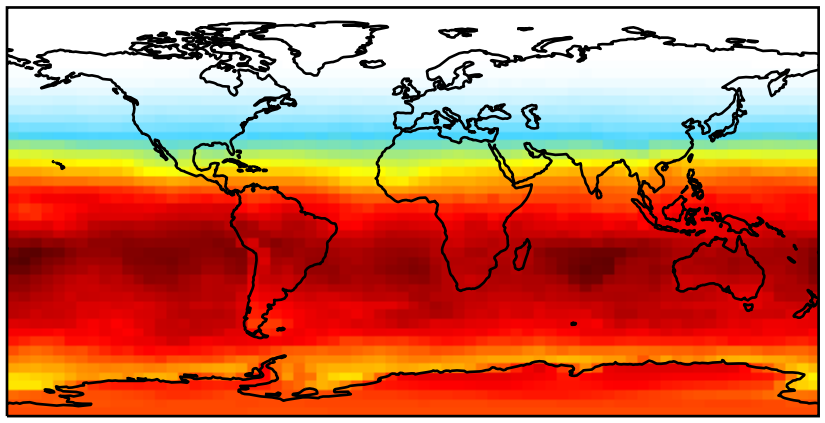
Ratio
Dev/Ref, Fixed Range

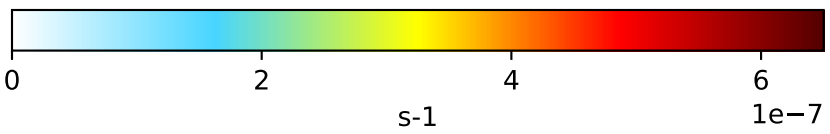




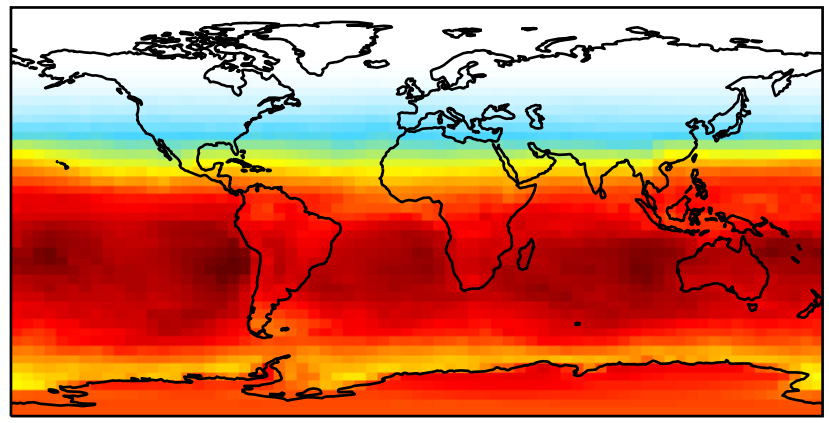
Jval_MENO3 (Jan2019)

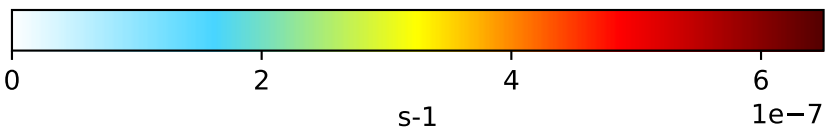
GCC_12.9.0 (Ref)
4.0x5.0



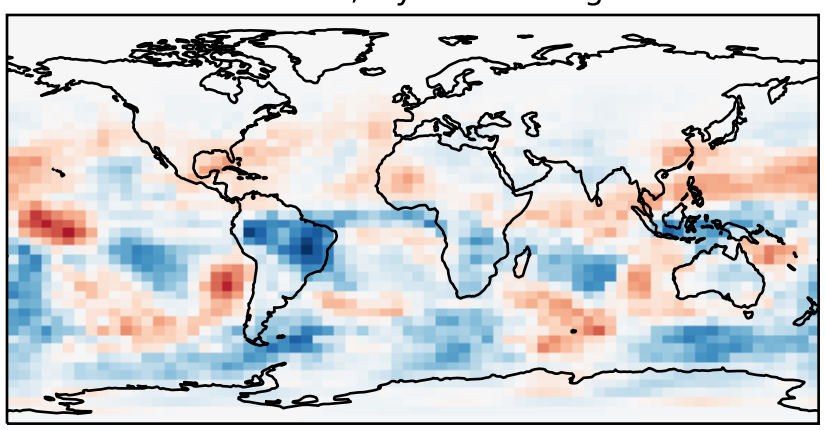


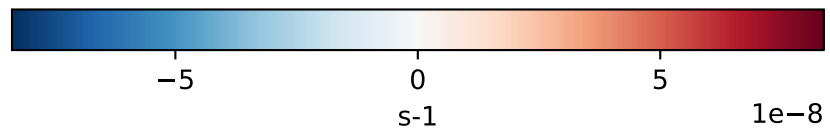
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



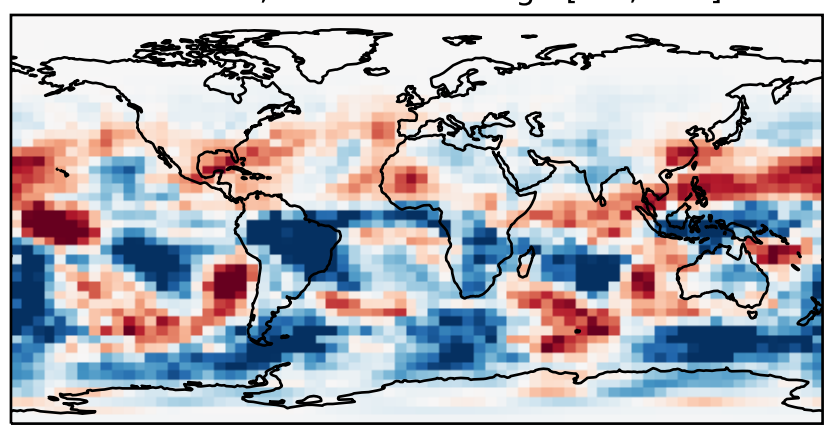


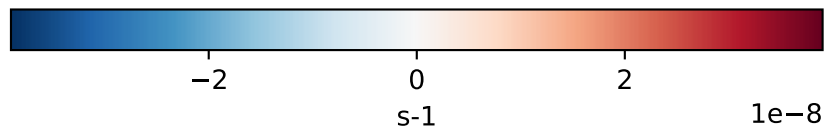
Difference
Dev - Ref, Dynamic Range



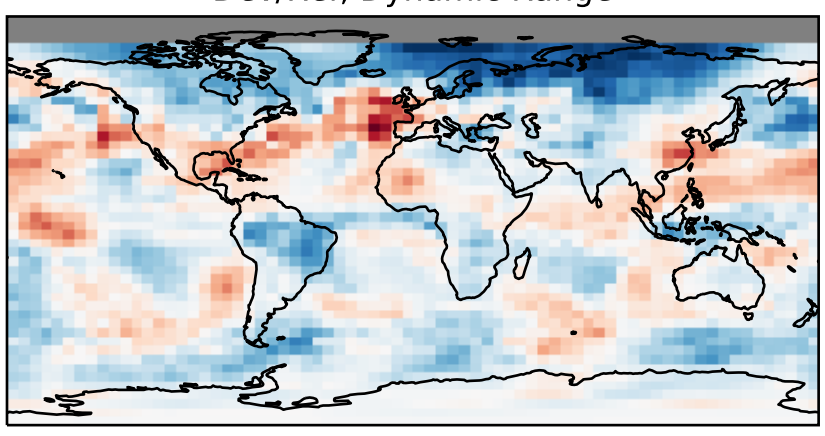


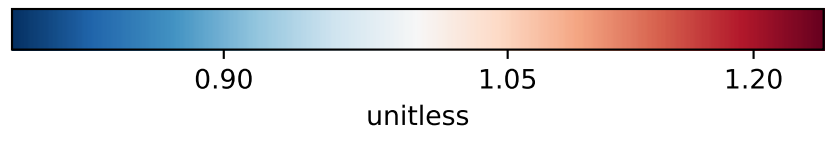
Difference
Dev - Ref, Restricted Range [5%,95%]



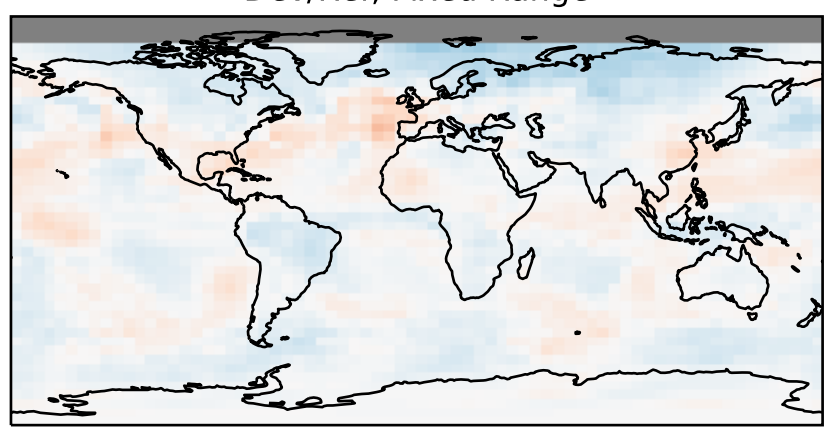


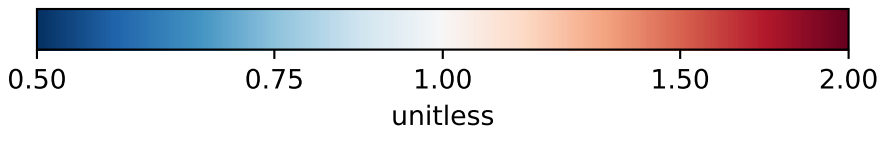
Ratio
Dev/Ref, Dynamic Range





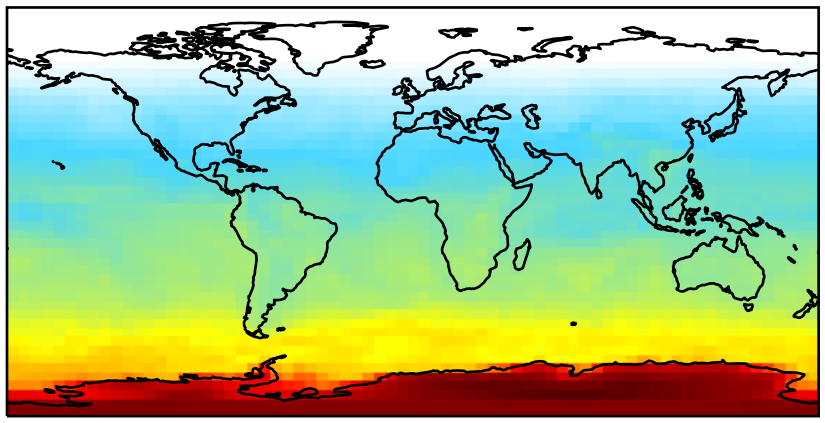
Ratio
Dev/Ref, Fixed Range

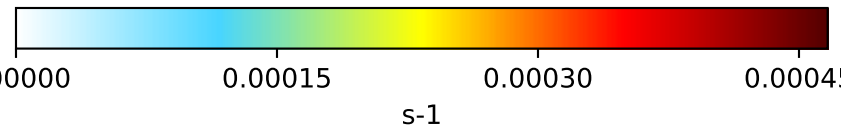




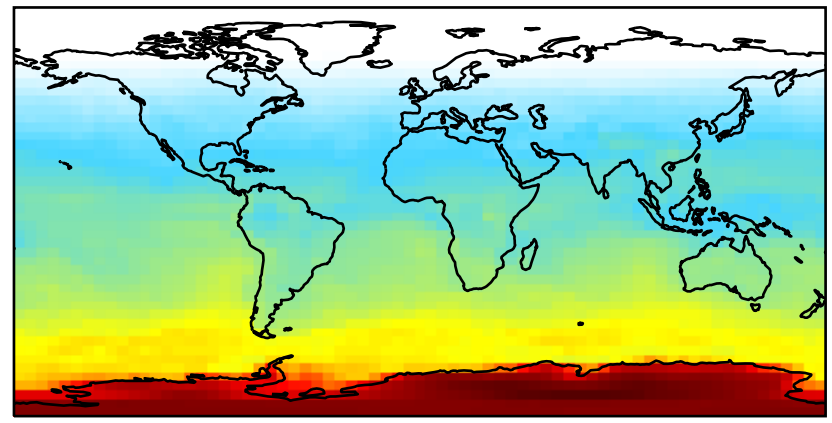
Jval_MGLY (Jan2019)

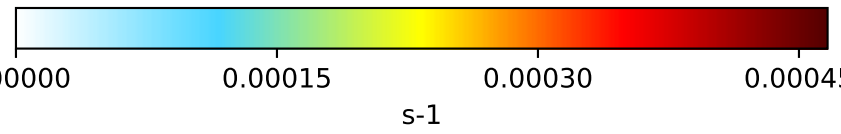
GCC_12.9.0 (Ref)
4.0x5.0



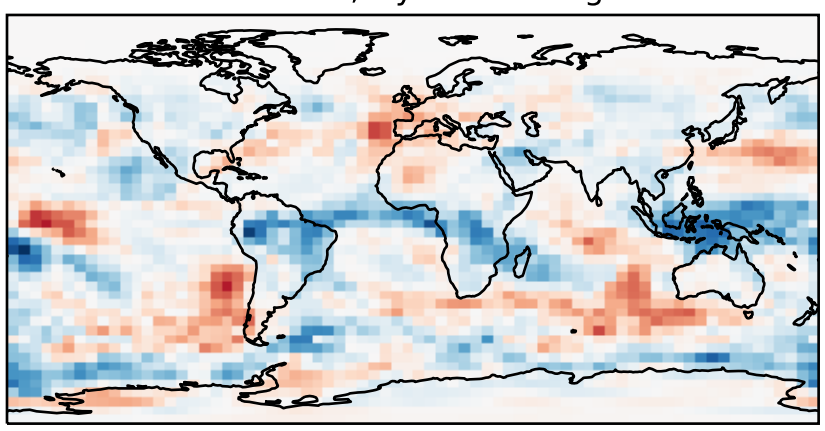


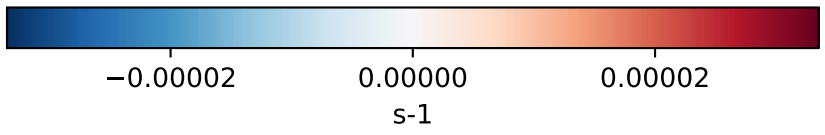
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



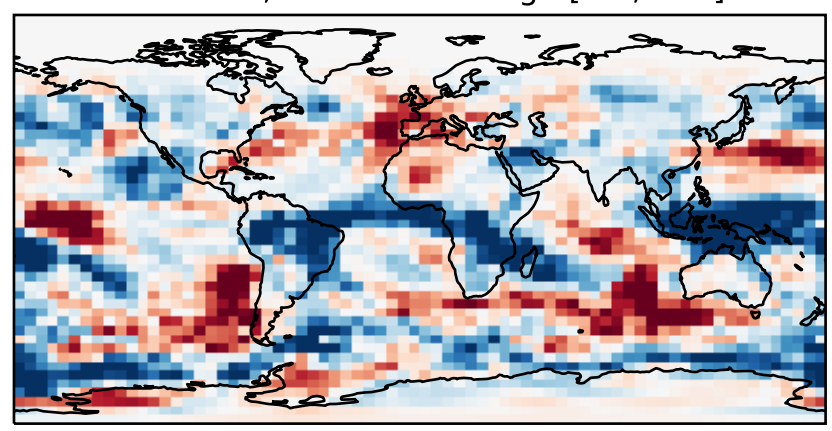


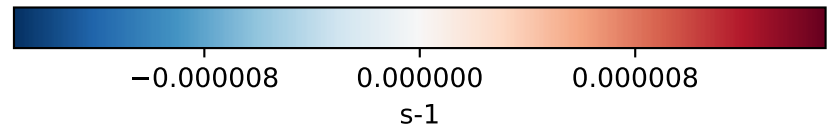
Difference
Dev - Ref, Dynamic Range



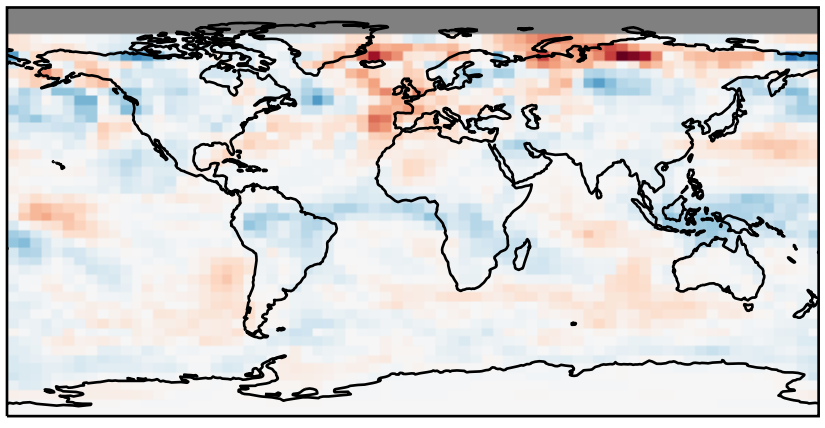


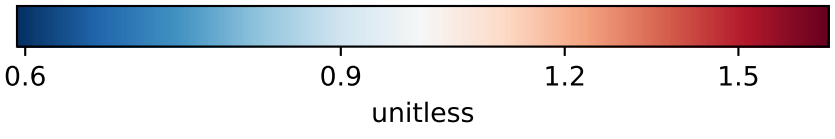
Difference
Dev - Ref, Restricted Range [5%,95%]



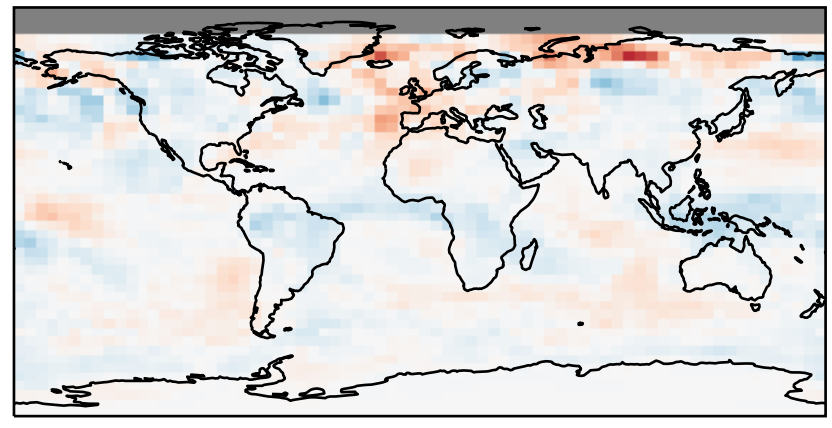


Ratio
Dev/Ref, Dynamic Range





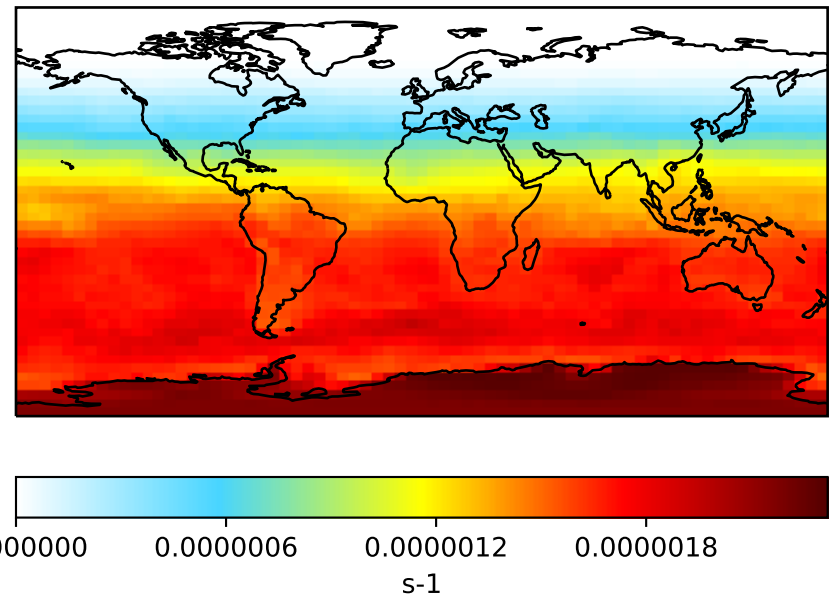
Ratio
Dev/Ref, Fixed Range



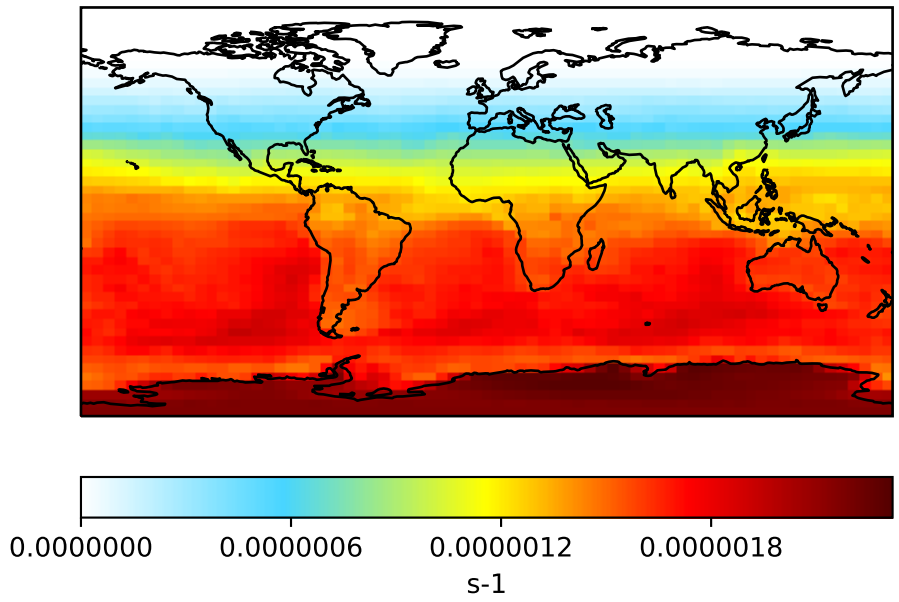


Jval_MONITS (Jan2019)

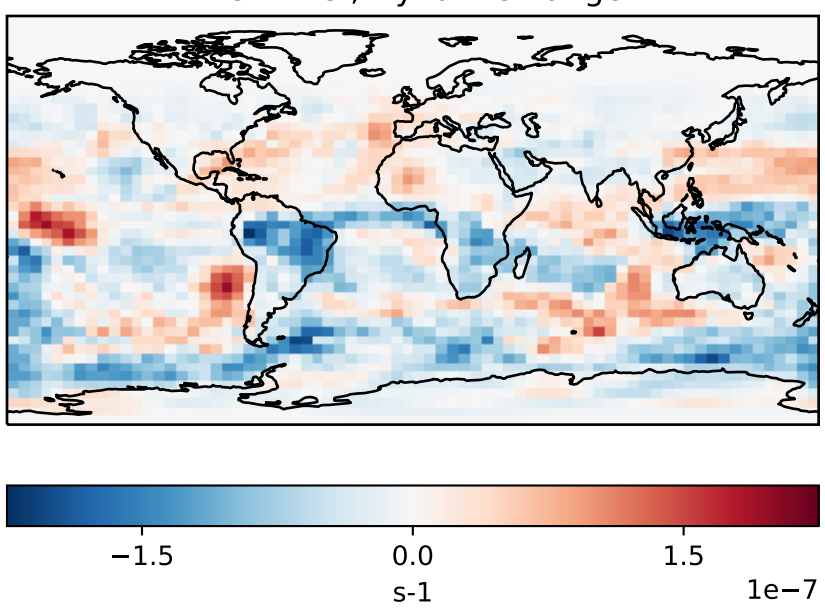
GCC_12.9.0 (Ref)
4.0x5.0



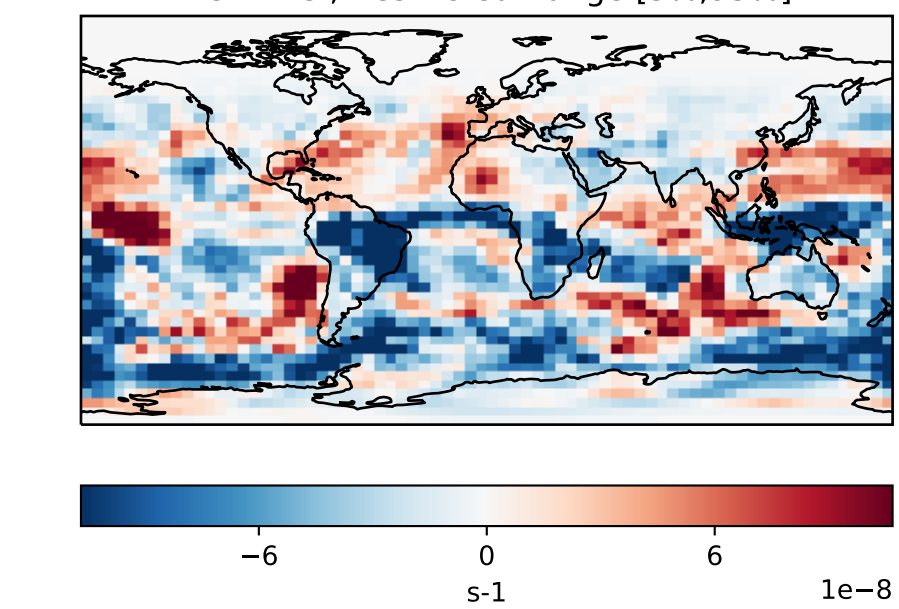
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



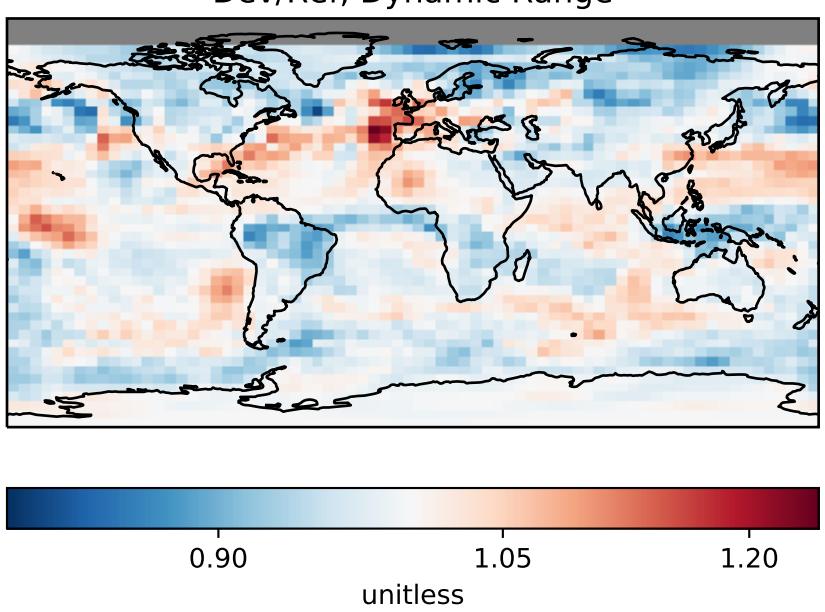
Difference
Dev - Ref, Dynamic Range



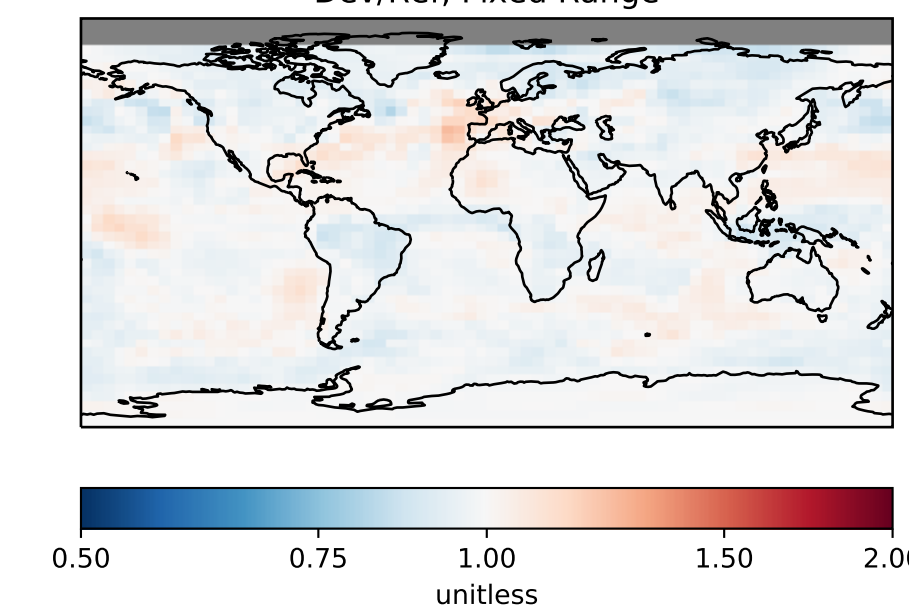
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

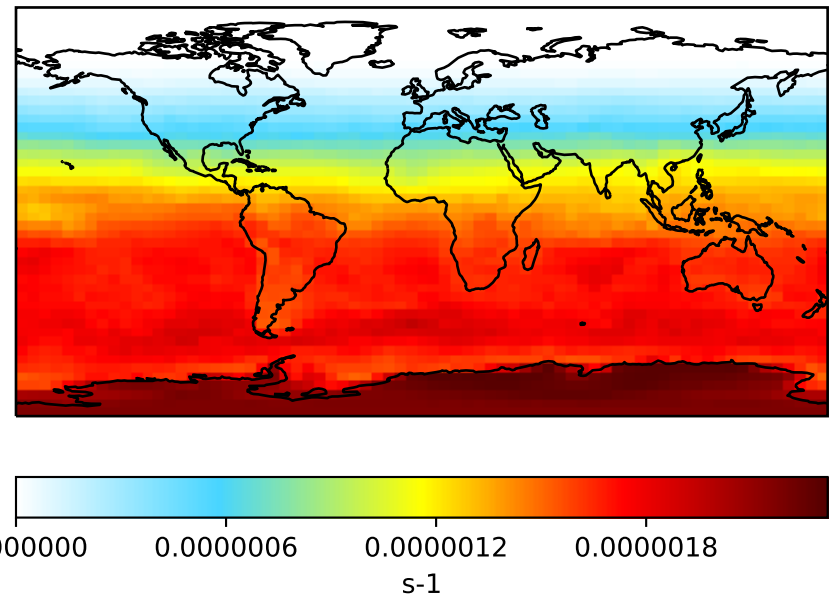


Ratio
Dev/Ref, Fixed Range

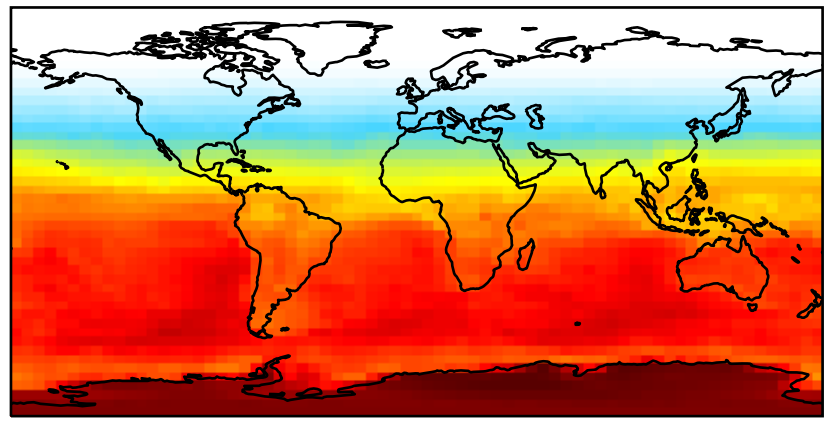


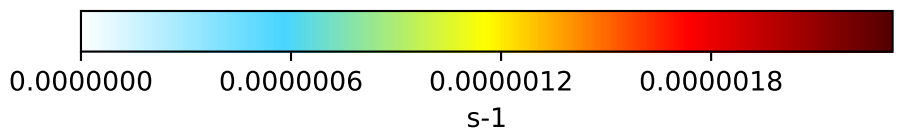
Jval_MONITU (Jan2019)

GCC_12.9.0 (Ref)
4.0x5.0

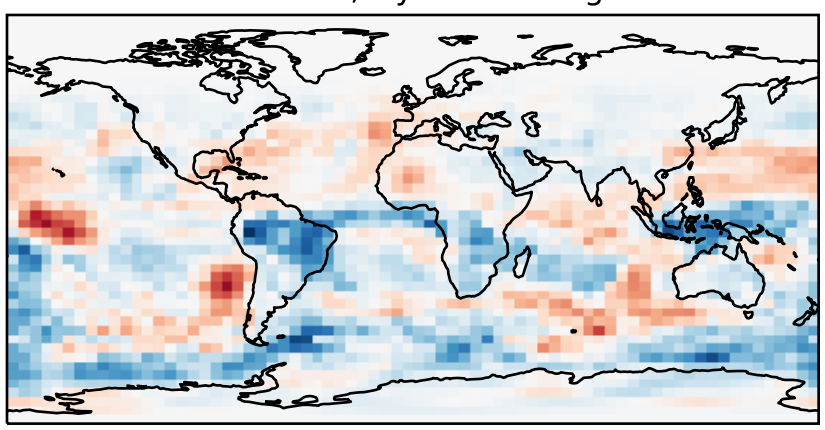


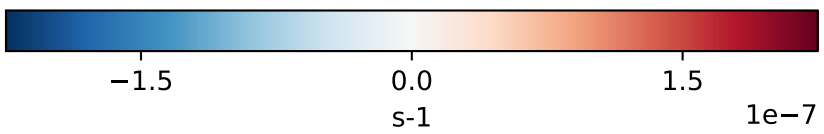
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



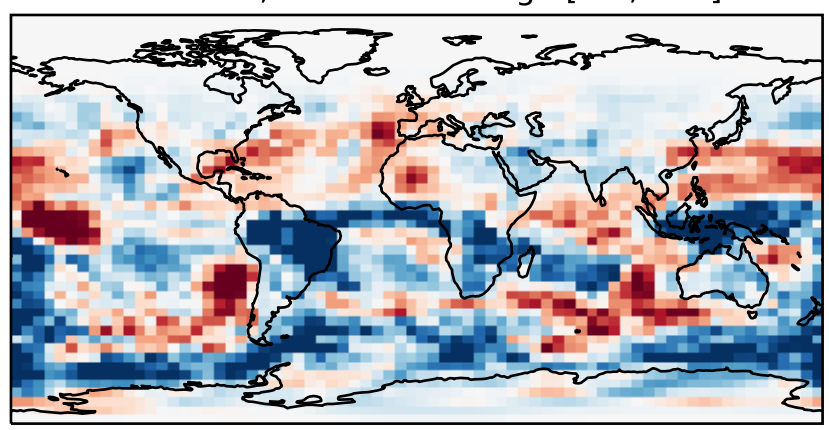


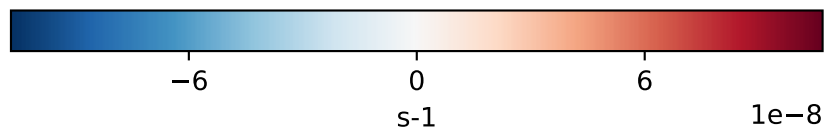
Difference
Dev - Ref, Dynamic Range



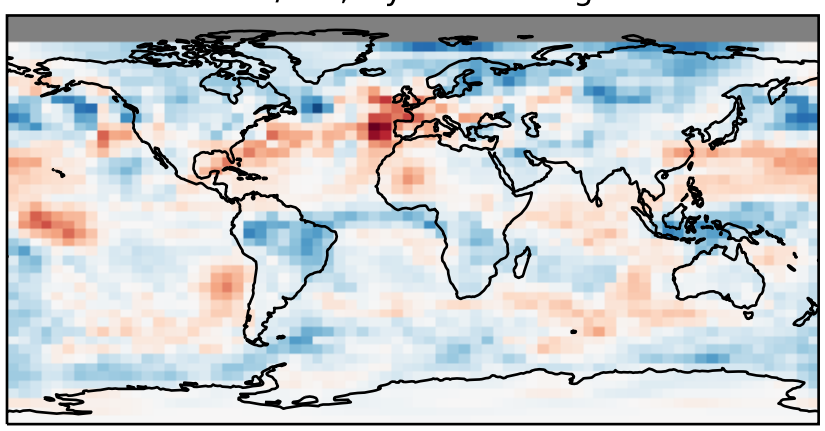


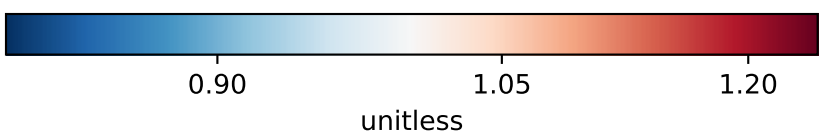
Difference
Dev - Ref, Restricted Range [5%,95%]



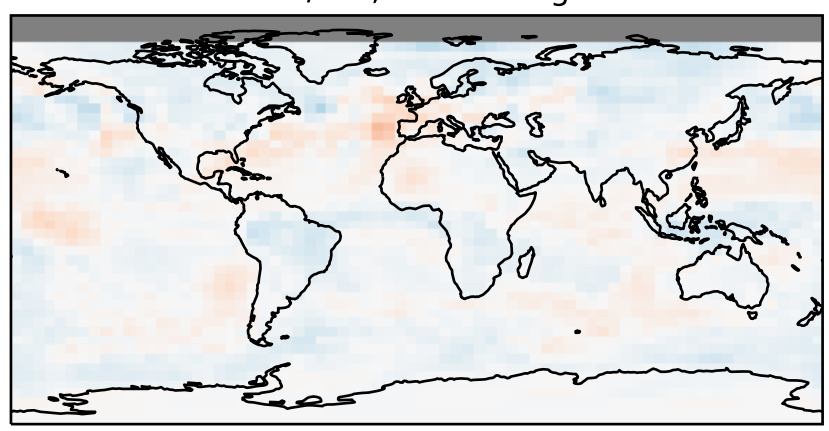


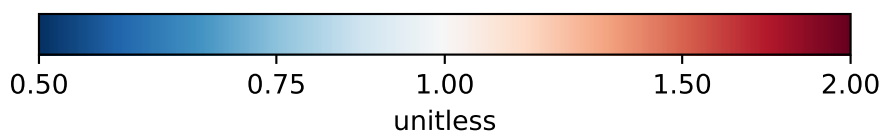
Ratio
Dev/Ref, Dynamic Range





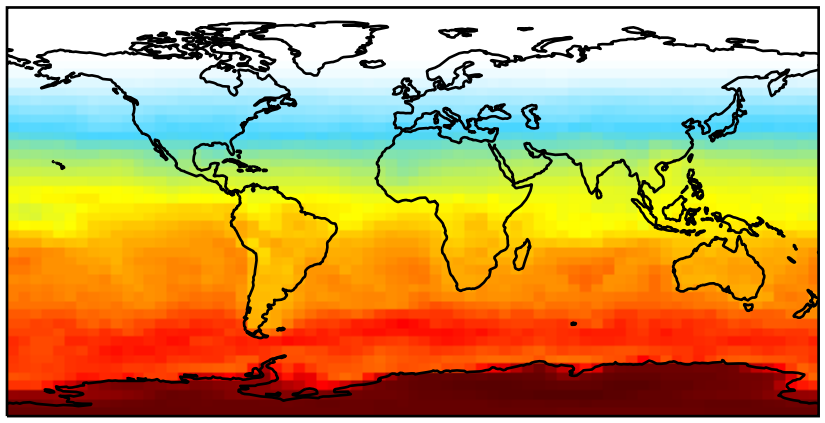
Ratio
Dev/Ref, Fixed Range

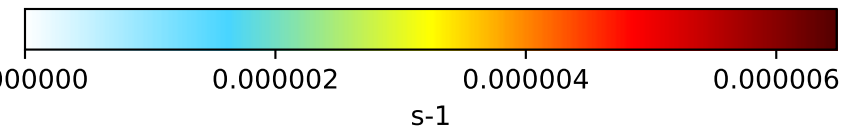




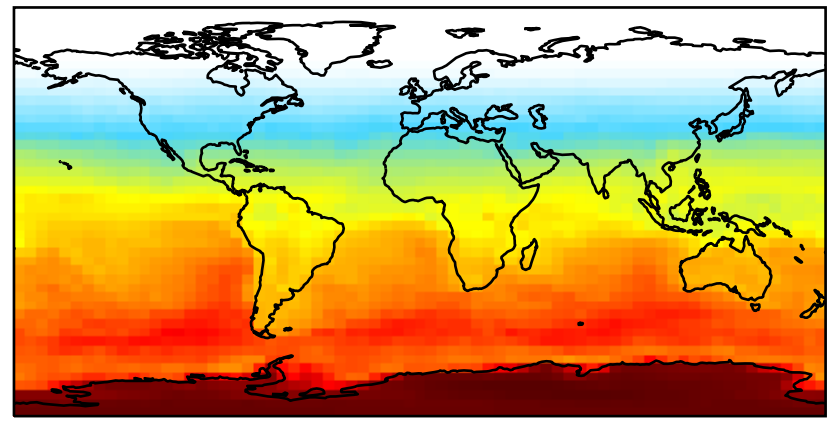
Jval_MP (Jan2019)

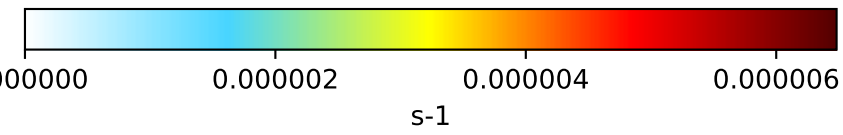
GCC_12.9.0 (Ref)
4.0x5.0



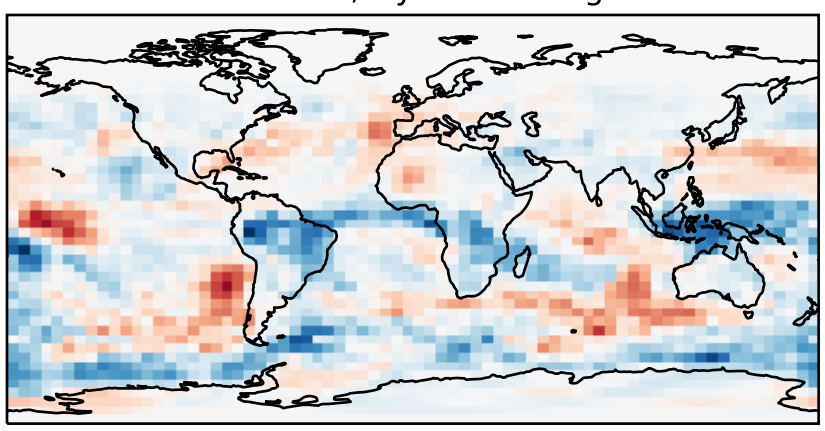


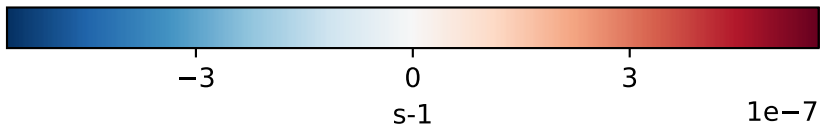
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



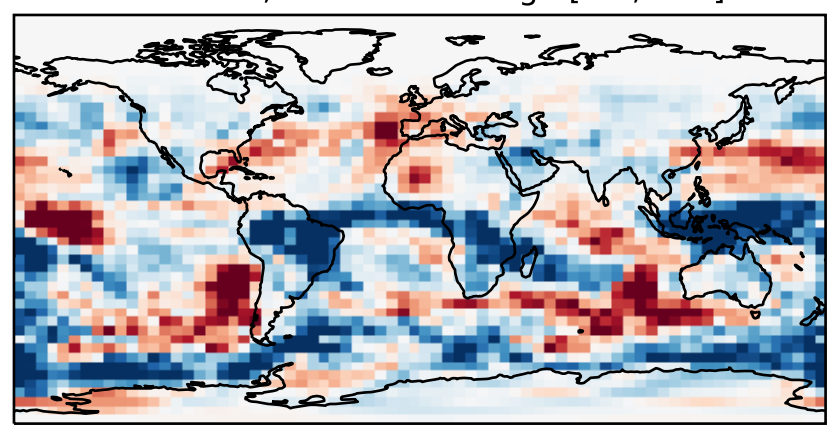


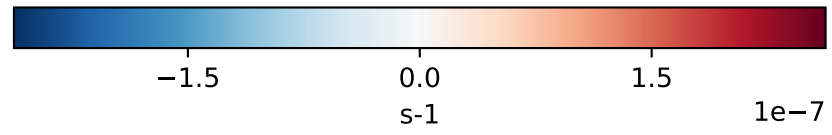
Difference
Dev - Ref, Dynamic Range



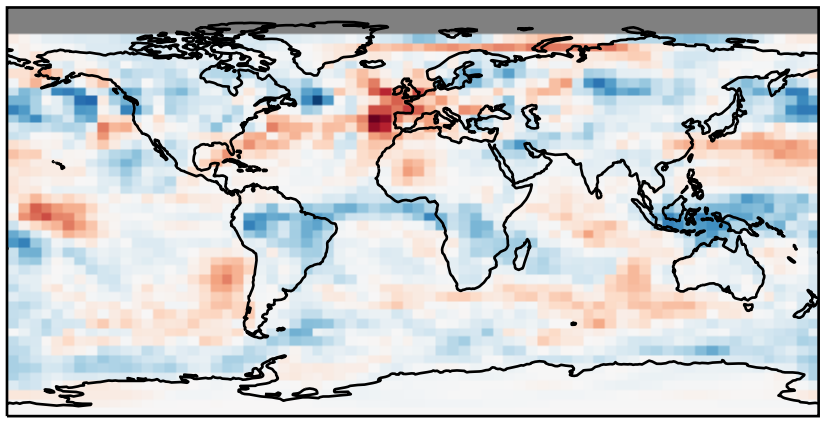


Difference
Dev - Ref, Restricted Range [5%,95%]



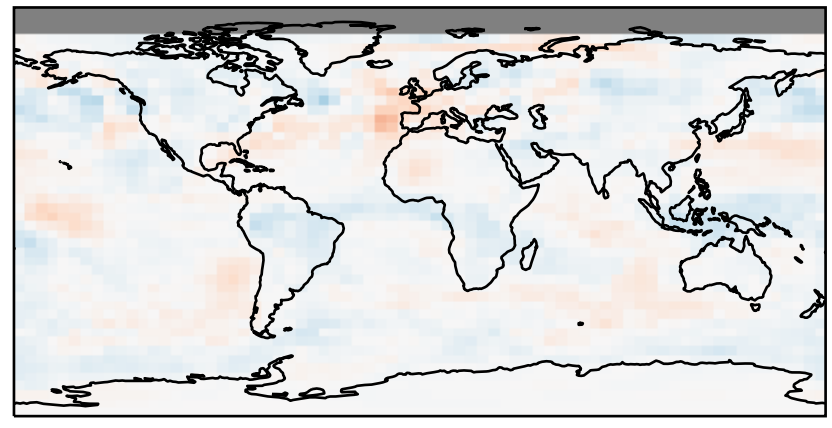


Ratio
Dev/Ref, Dynamic Range





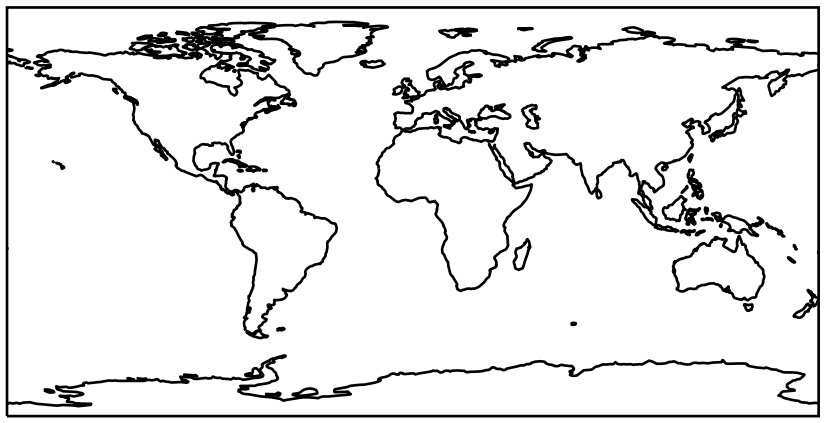
Ratio
Dev/Ref, Fixed Range





Jval_MPAN (Jan2019)

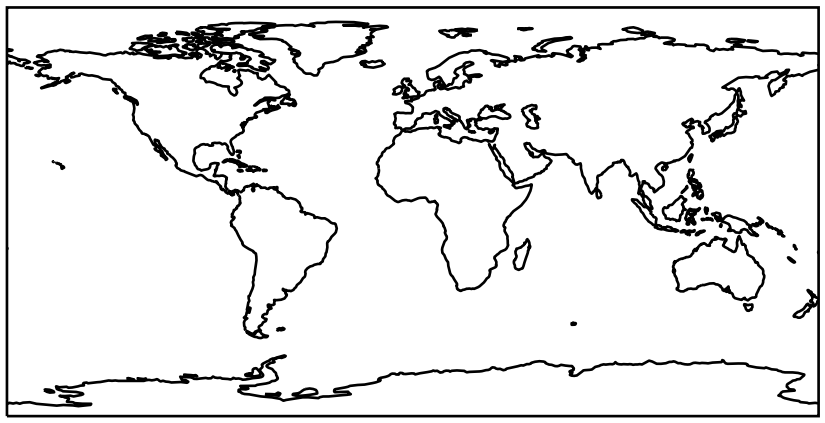
GCC_12.9.0 (Ref)
4.0x5.0





Zero throughout domain
s-1

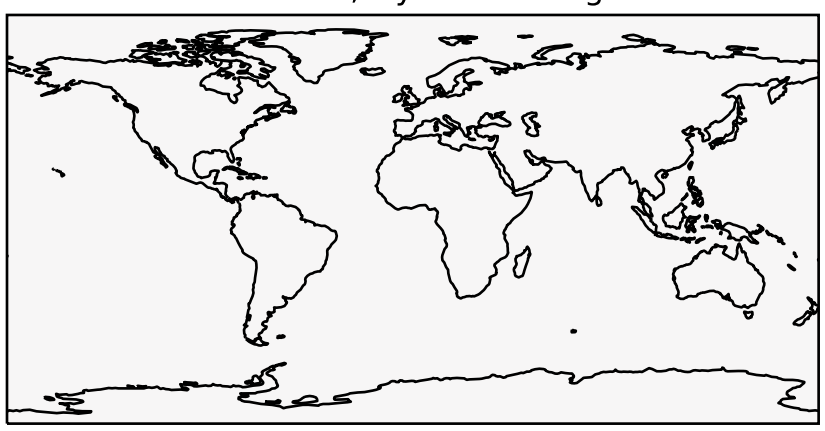
GCC_13.0.0-beta.1 (Dev)
4.0x5.0





Zero throughout domain
s-1

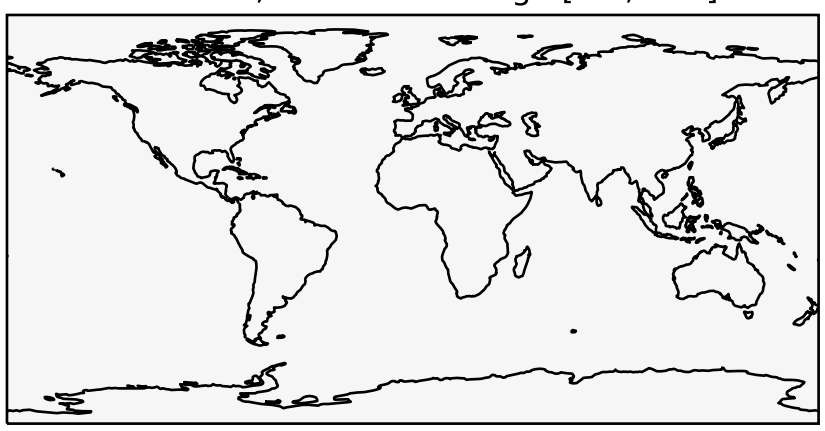
Difference
Dev - Ref, Dynamic Range





Zero throughout domain
s-1

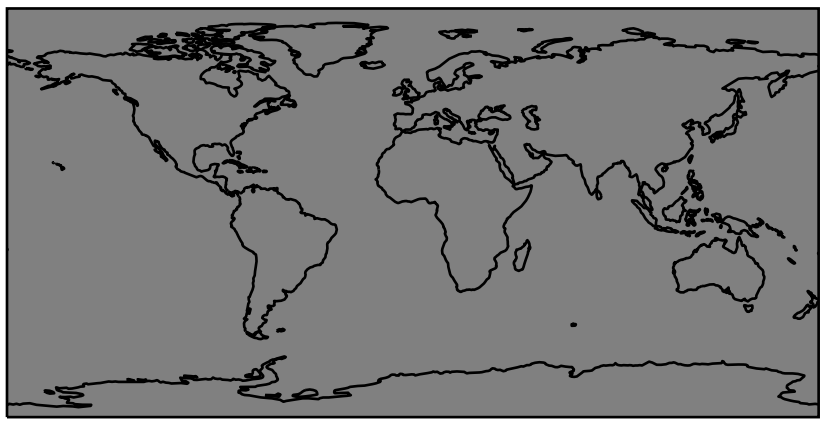
Difference
Dev - Ref, Restricted Range [5%,95%]





Zero throughout domain
s-1

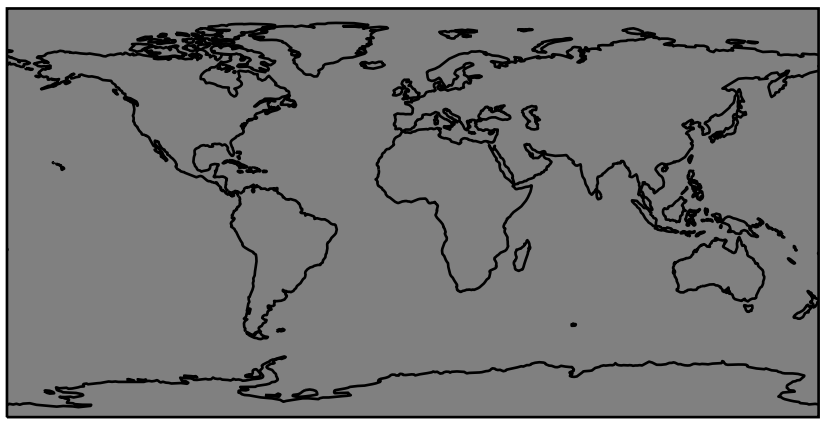
Ratio
Dev/Ref, Dynamic Range





Undefined throughout domain
unitless

Ratio
Dev/Ref, Fixed Range

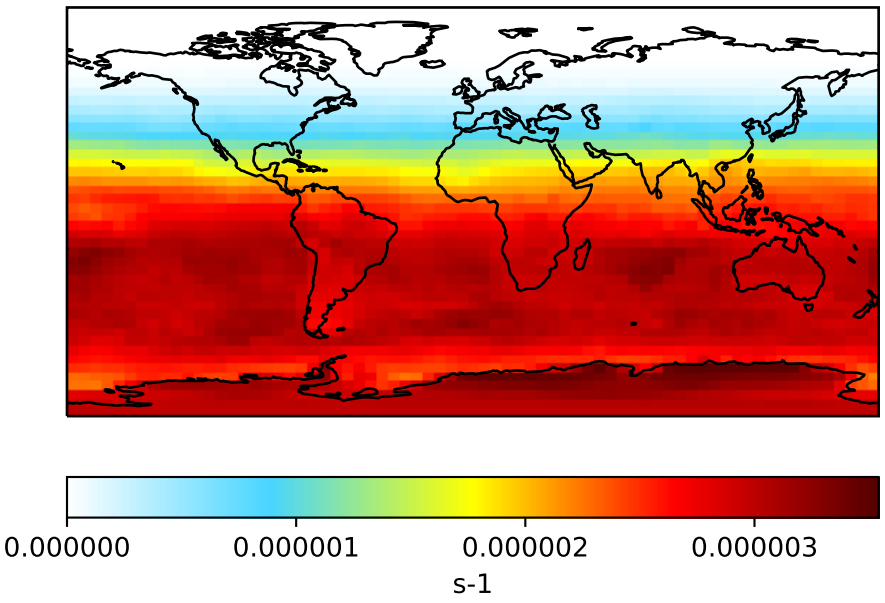




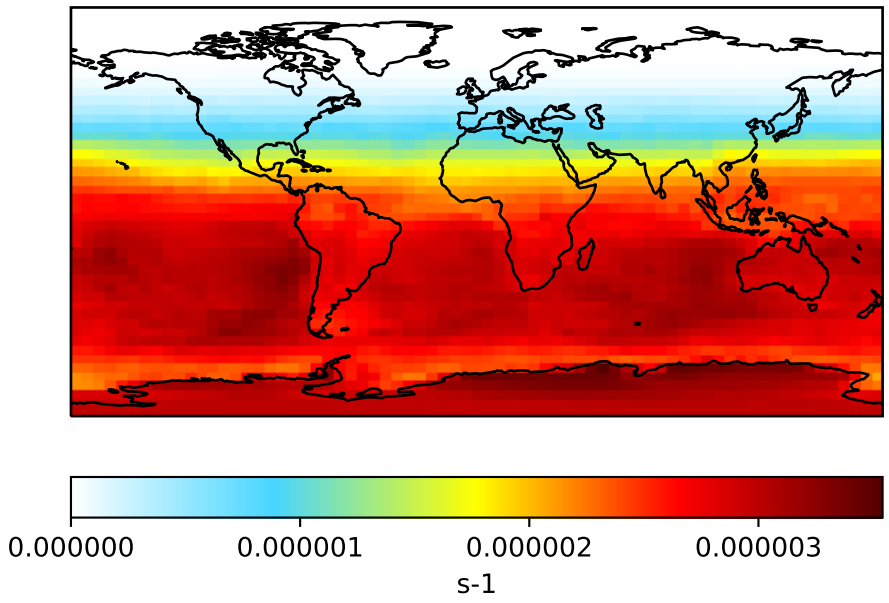
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Jval_MPN (Jan2019)

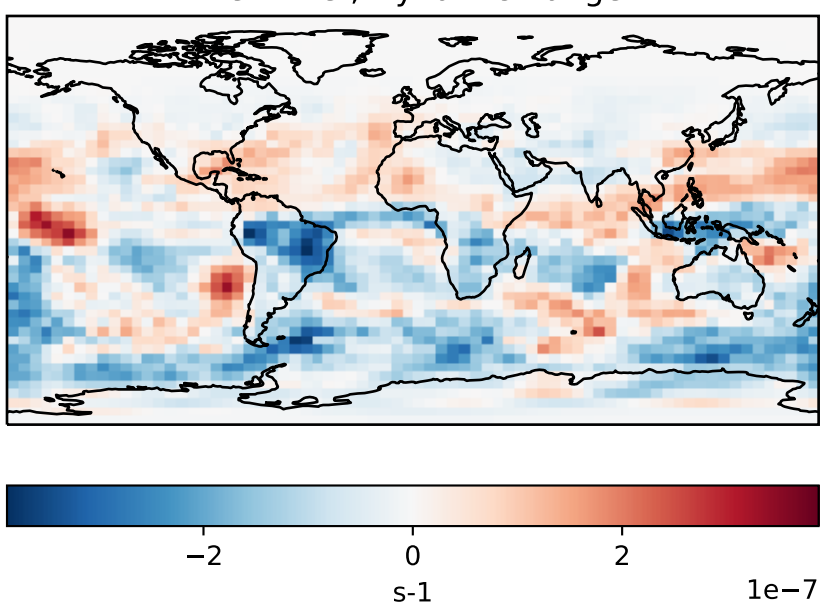
GCC_12.9.0 (Ref)
4.0x5.0



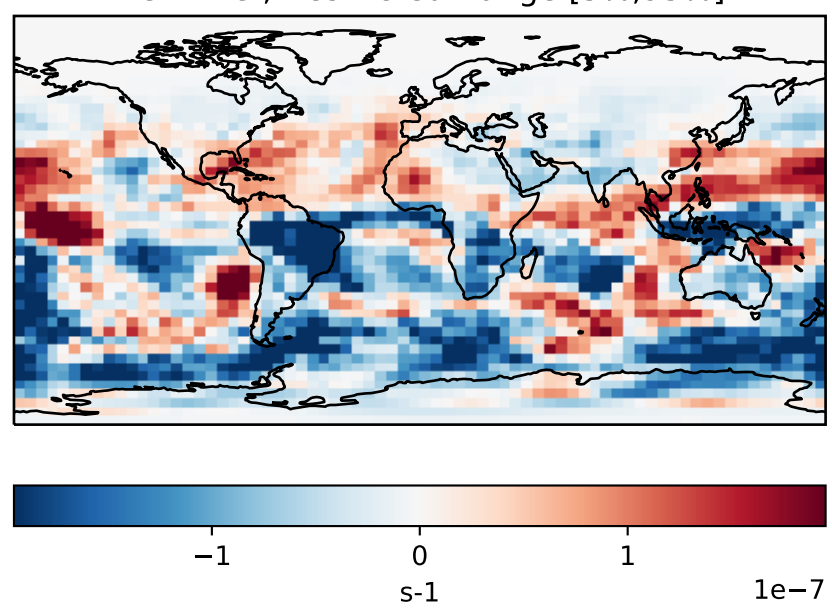
GCC_13.0.0-beta.1 (Dev)
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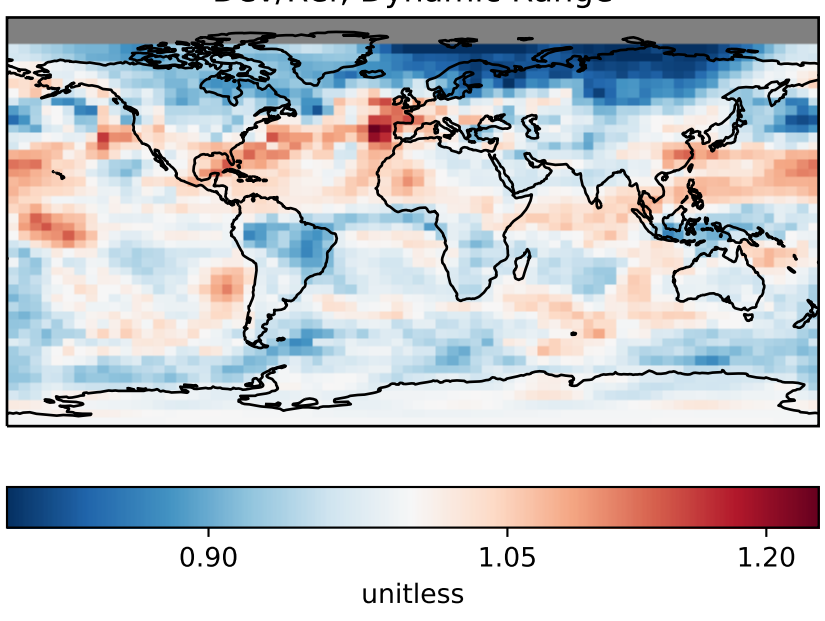
Difference
Dev - Ref, Dynamic Range



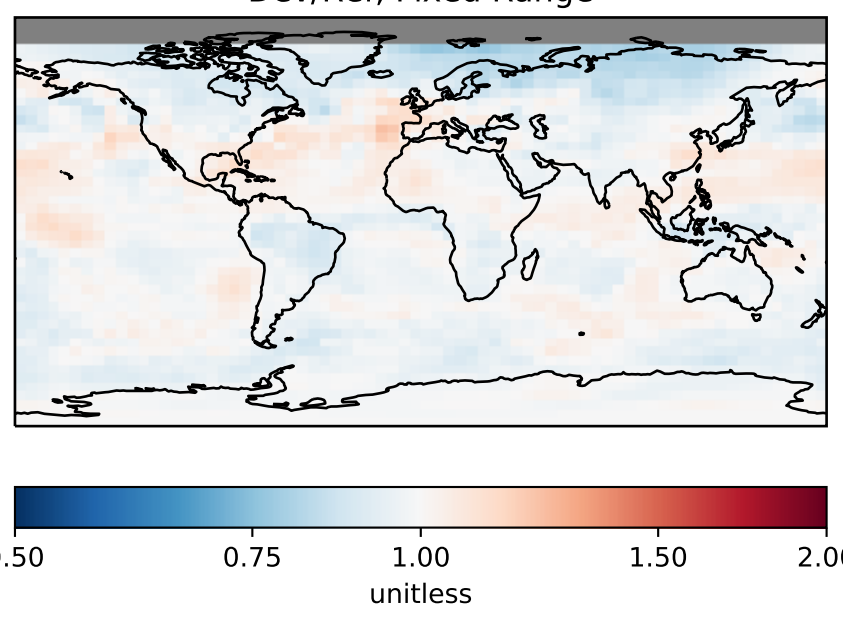
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

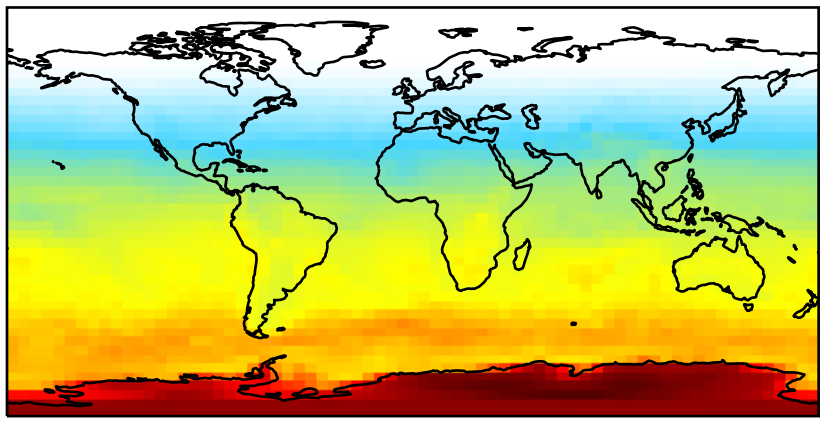


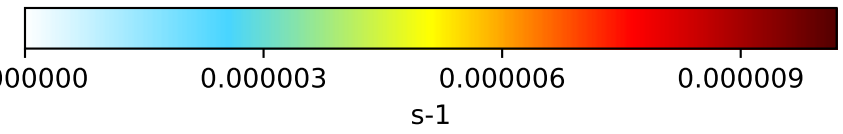
Ratio
Dev/Ref, Fixed Range



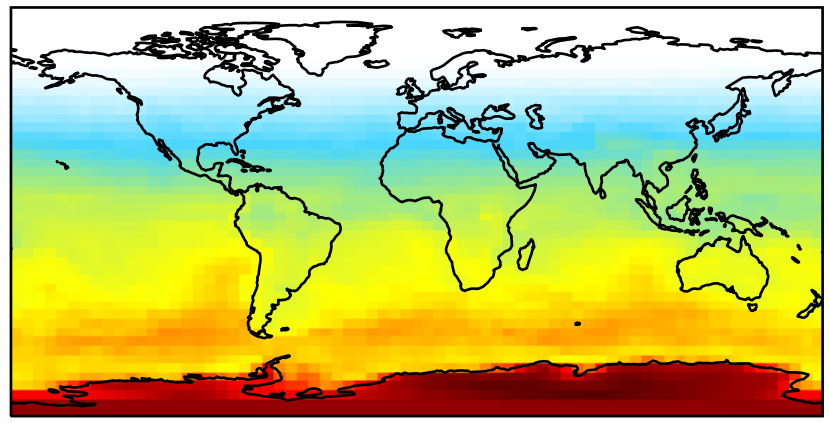
Jval_MVK (Jan2019)

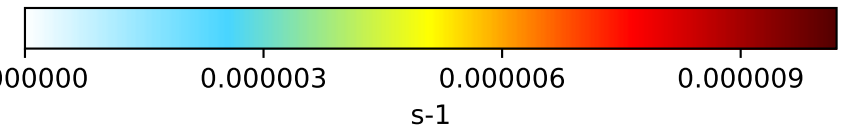
GCC_12.9.0 (Ref)
4.0x5.0



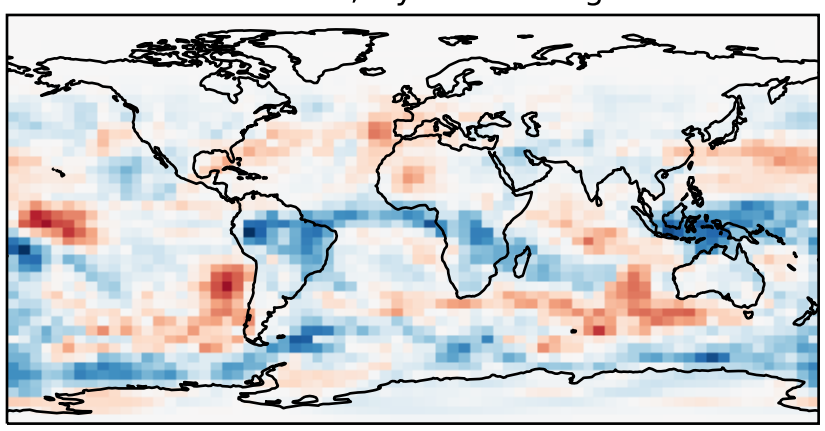


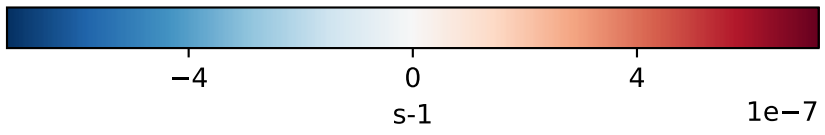
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4.0x5.0



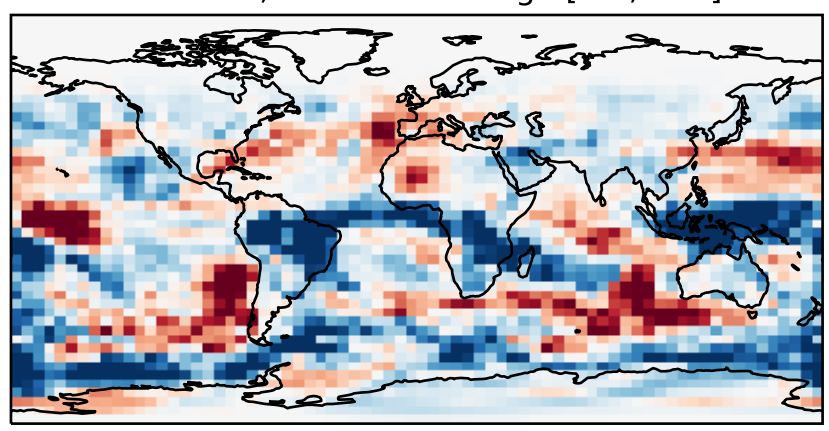


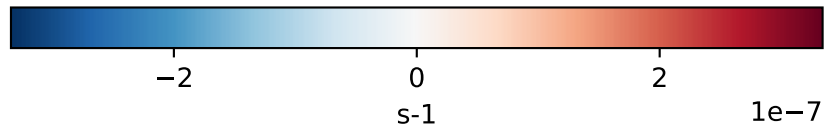
Difference
Dev - Ref, Dynamic Range



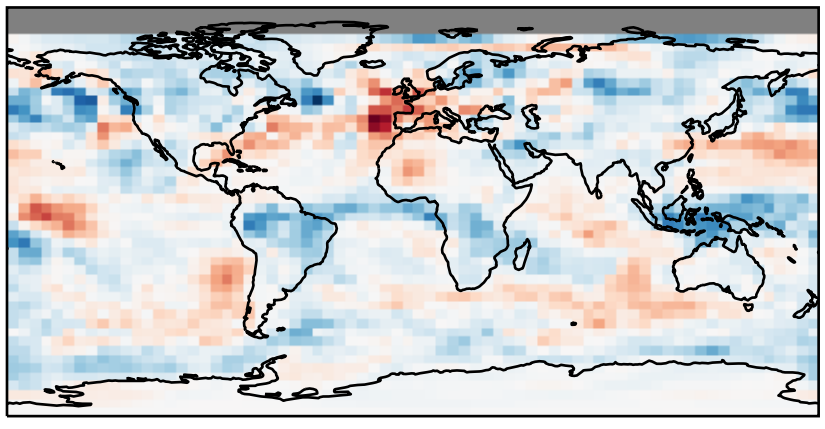


Difference
Dev - Ref, Restricted Range [5%,95%]



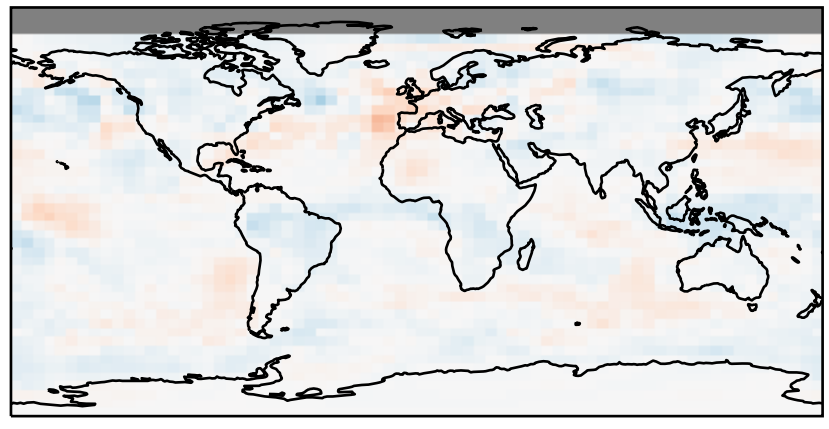


Ratio
Dev/Ref, Dynamic Range





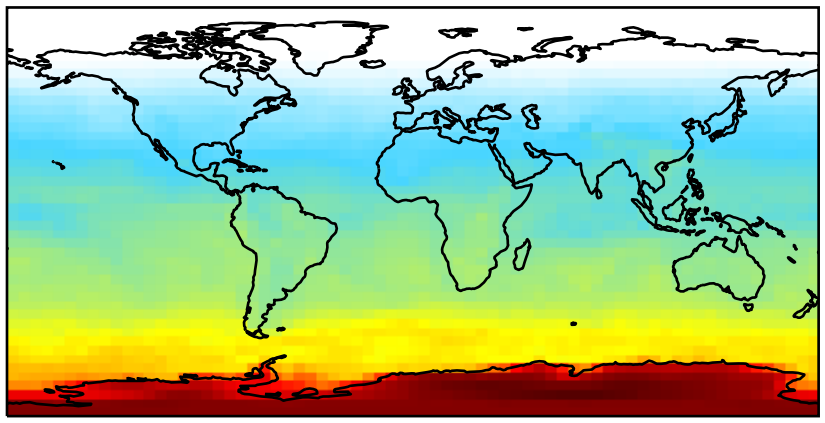
Ratio
Dev/Ref, Fixed Range

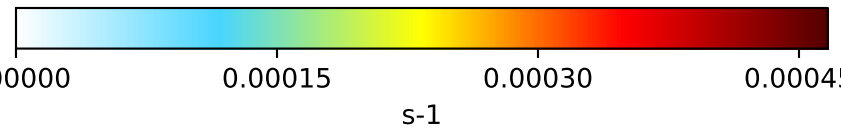




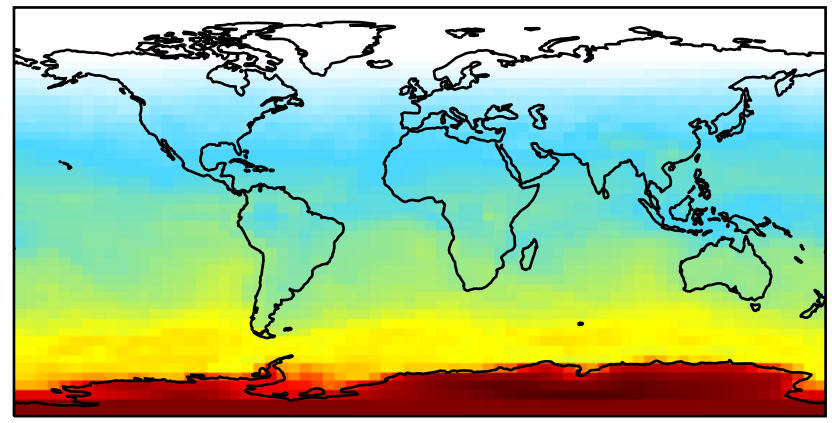
Jval_MVKHC (Jan2019)

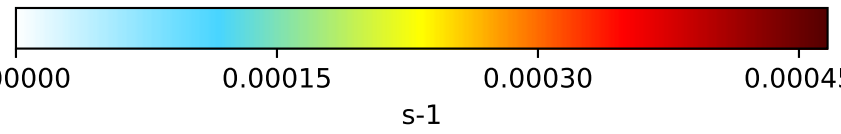
GCC_12.9.0 (Ref)
4.0x5.0



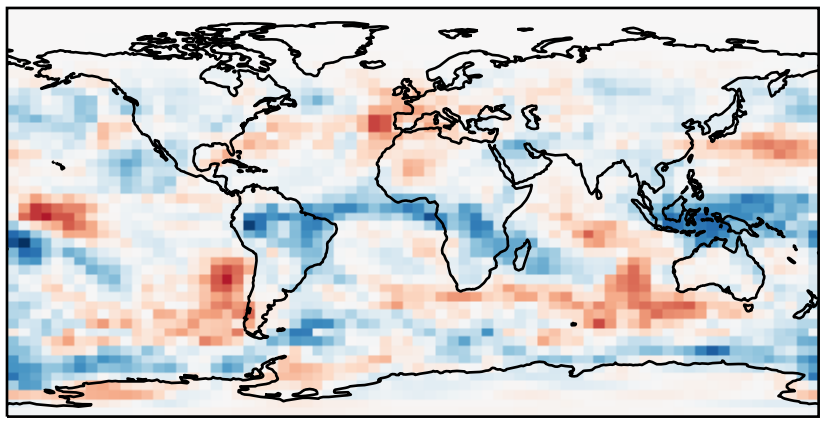


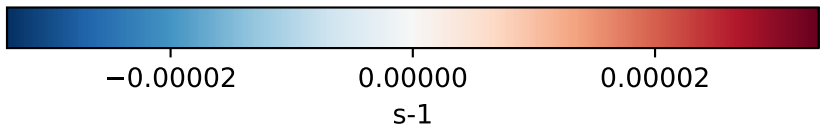
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



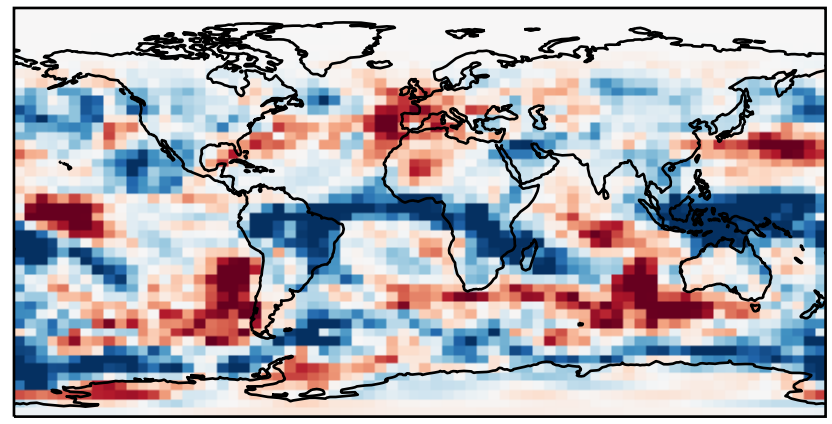


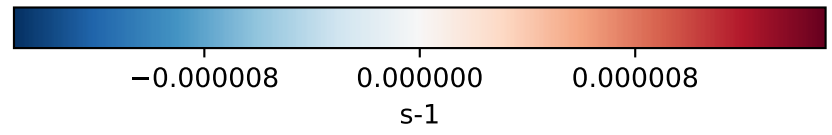
Difference
Dev - Ref, Dynamic Range



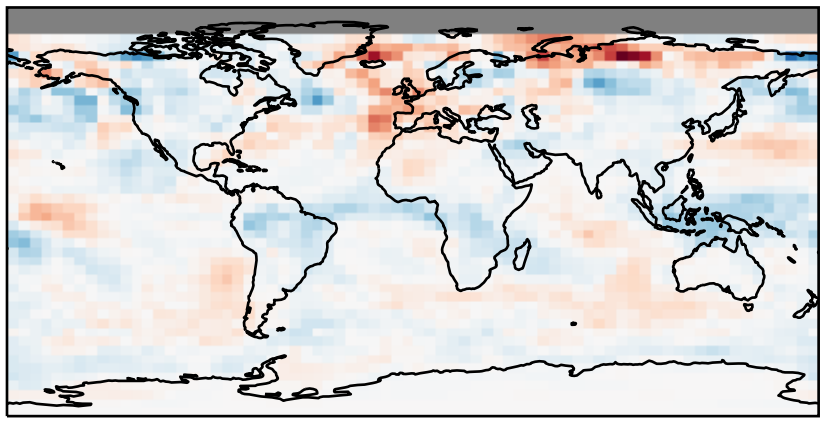


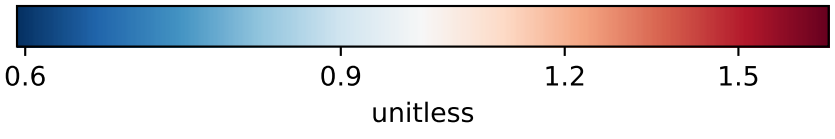
Difference
Dev - Ref, Restricted Range [5%,95%]



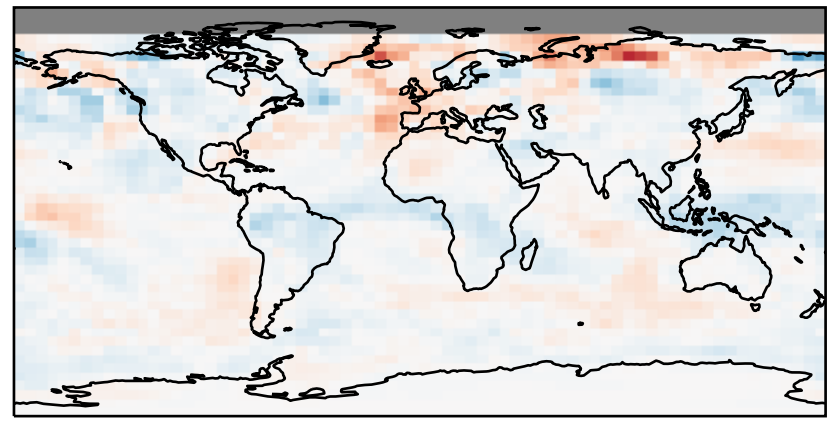


Ratio
Dev/Ref, Dynamic Range





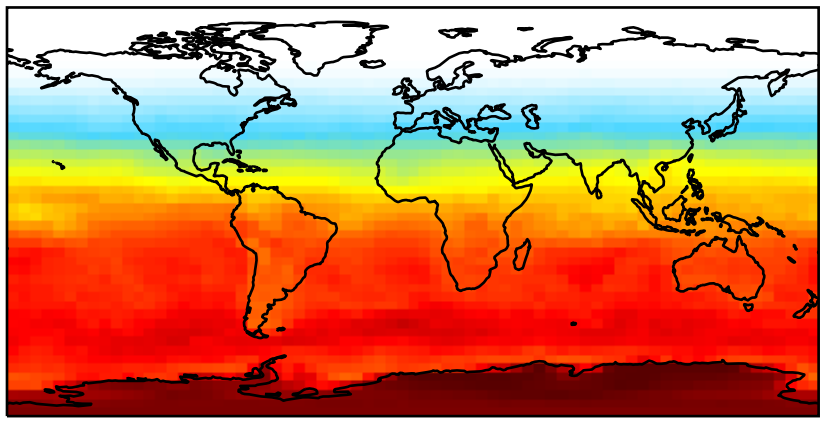
Ratio
Dev/Ref, Fixed Range

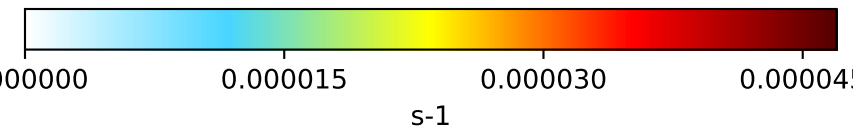




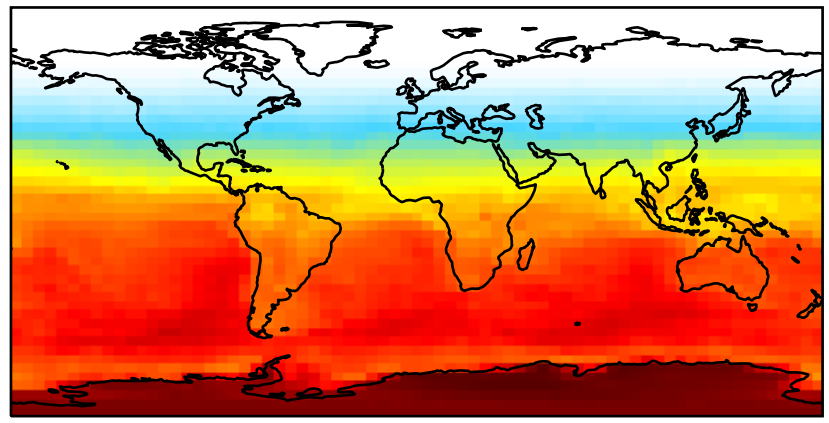
Jval_MVKHCB (Jan2019)

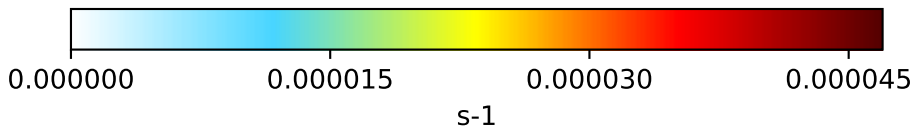
GCC_12.9.0 (Ref)
4.0x5.0



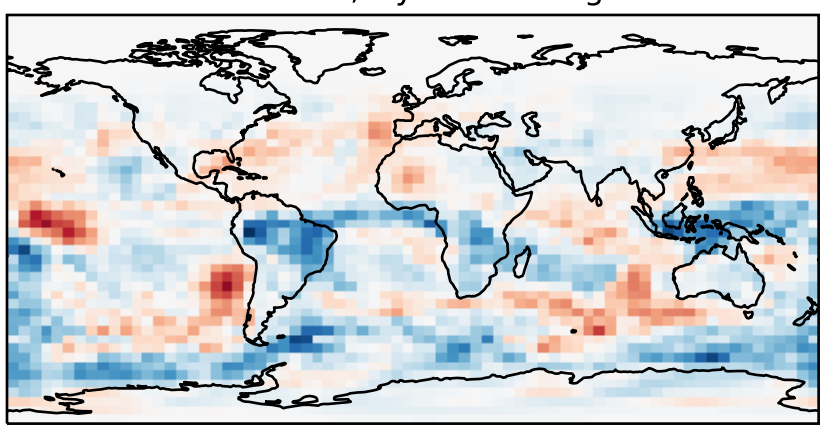


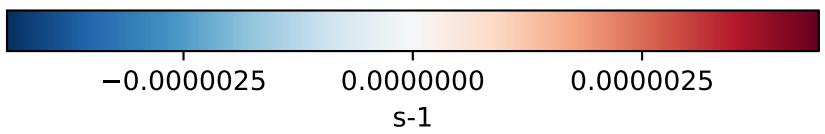
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



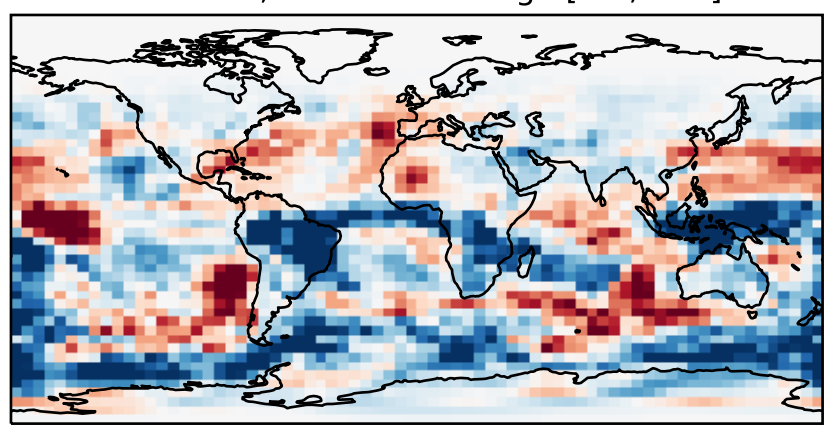


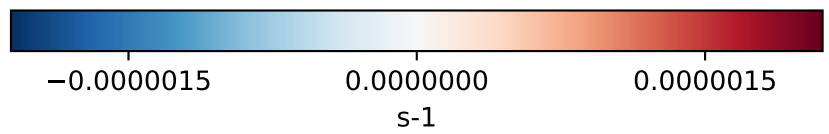
Difference
Dev - Ref, Dynamic Range



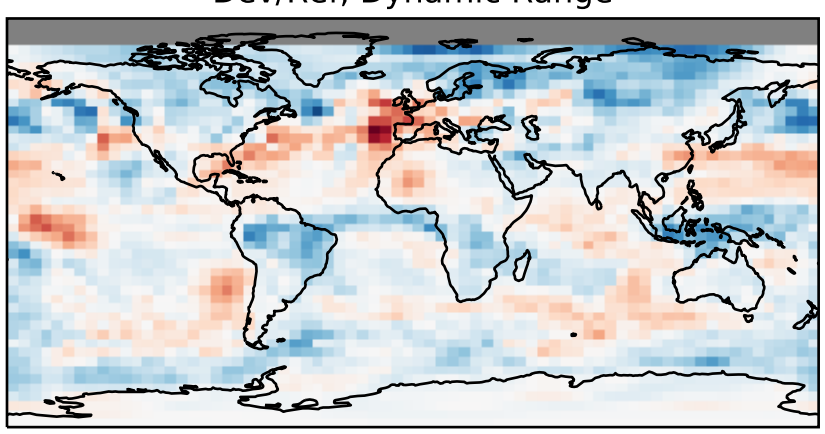


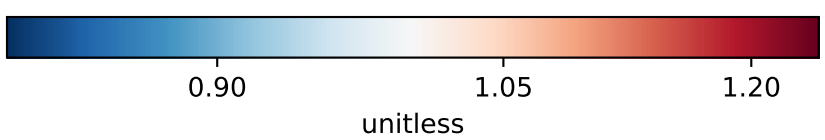
Difference
Dev - Ref, Restricted Range [5%,95%]



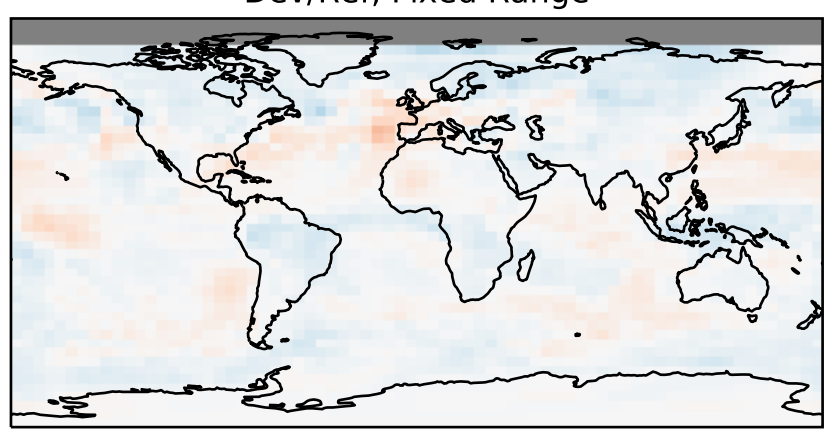


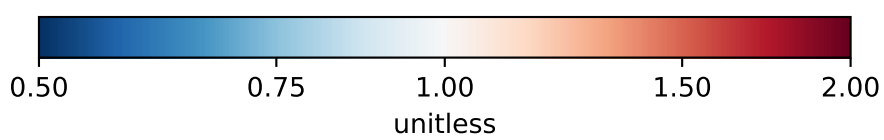
Ratio
Dev/Ref, Dynamic Range





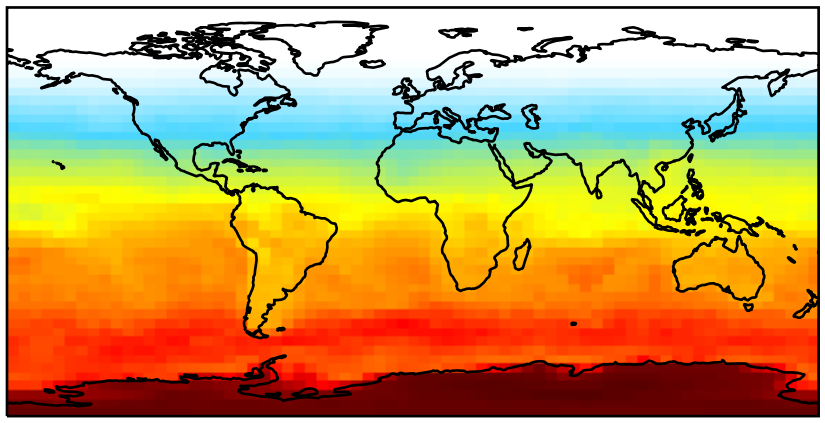
Ratio
Dev/Ref, Fixed Range

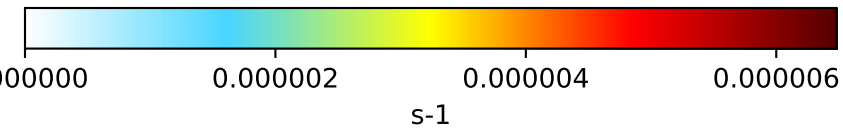




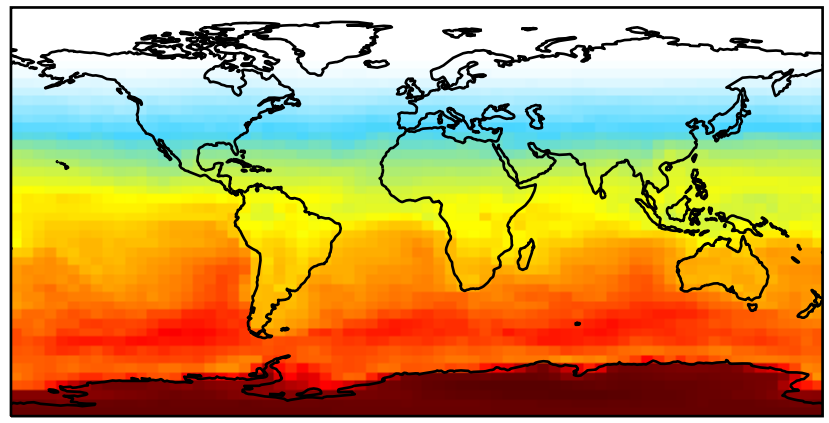
Jval_MVKHP (Jan2019)

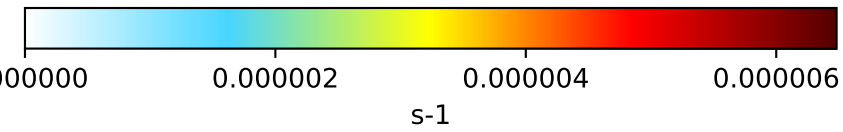
GCC_12.9.0 (Ref)
4.0x5.0



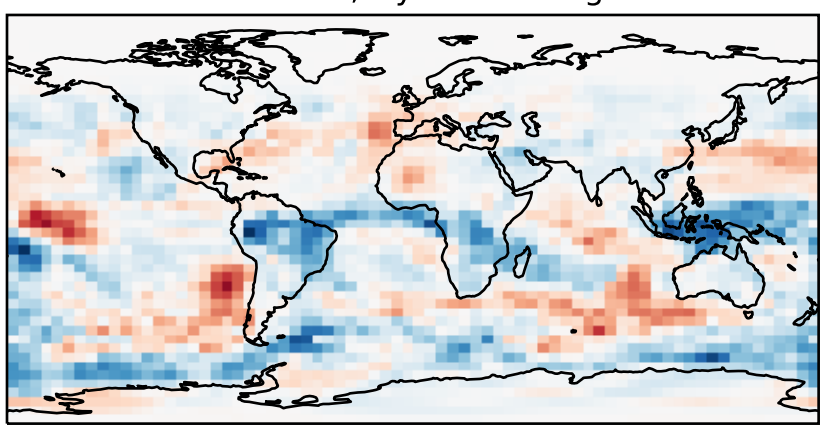


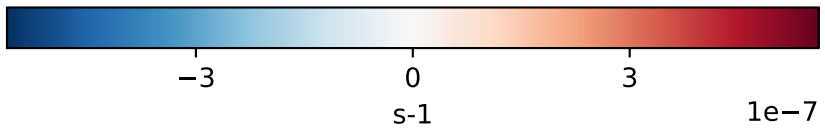
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



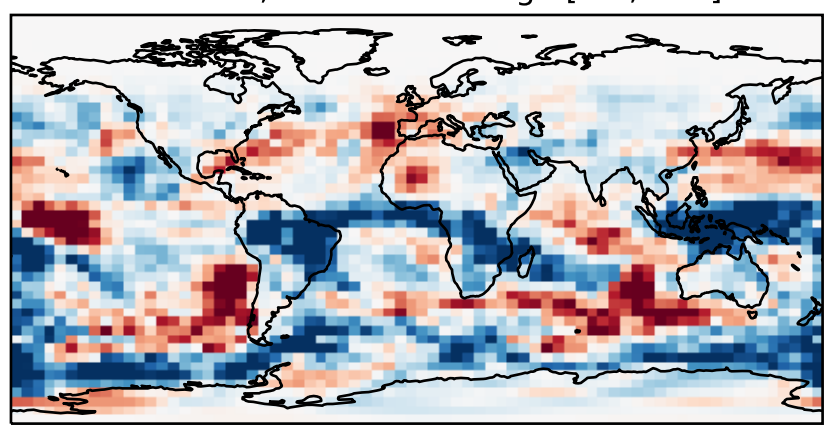


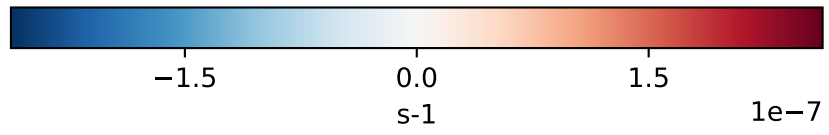
Difference
Dev - Ref, Dynamic Range



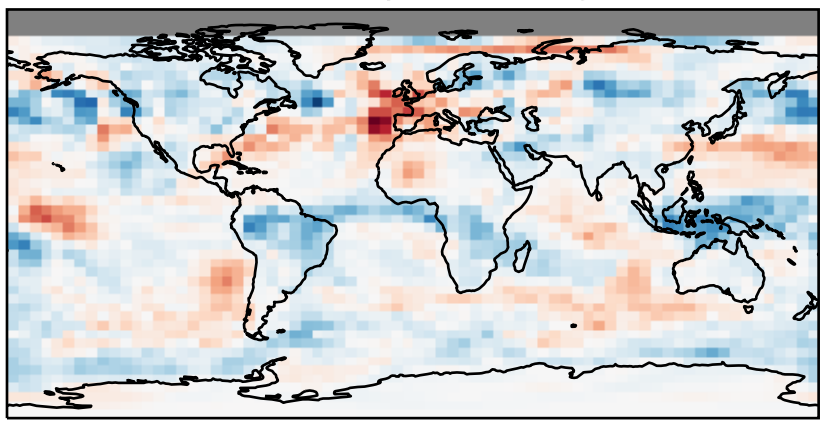


Difference
Dev - Ref, Restricted Range [5%,95%]



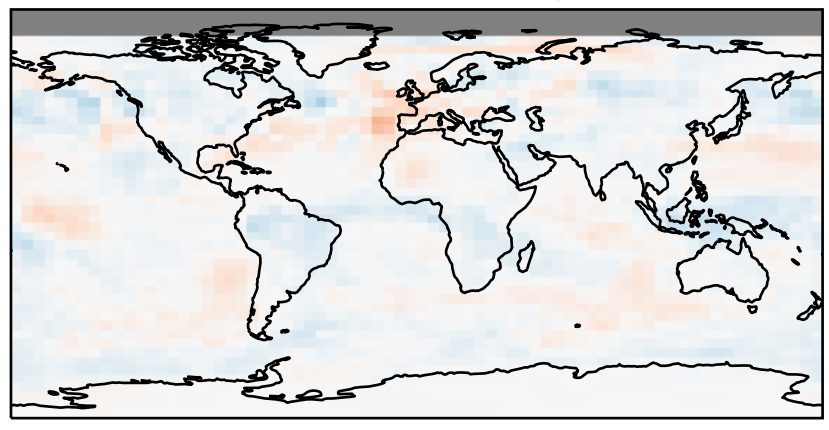


Ratio
Dev/Ref, Dynamic Range





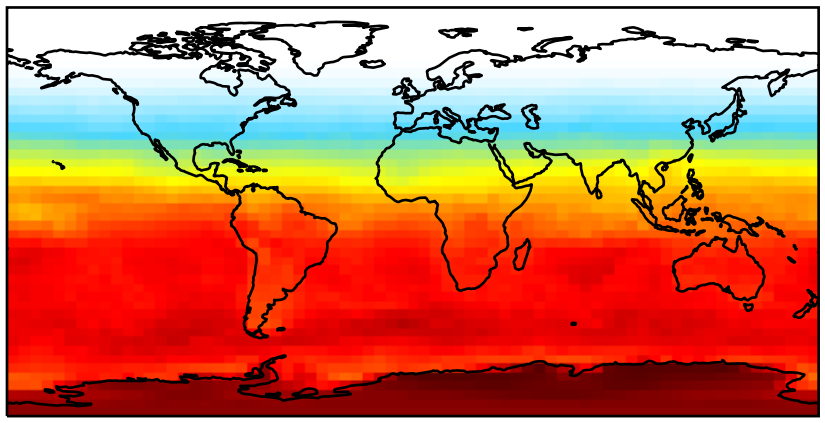
Ratio
Dev/Ref, Fixed Range

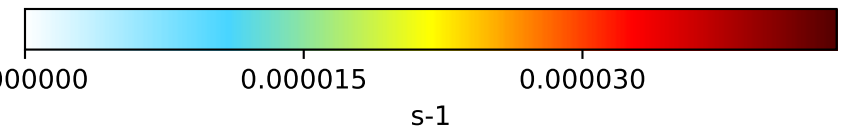




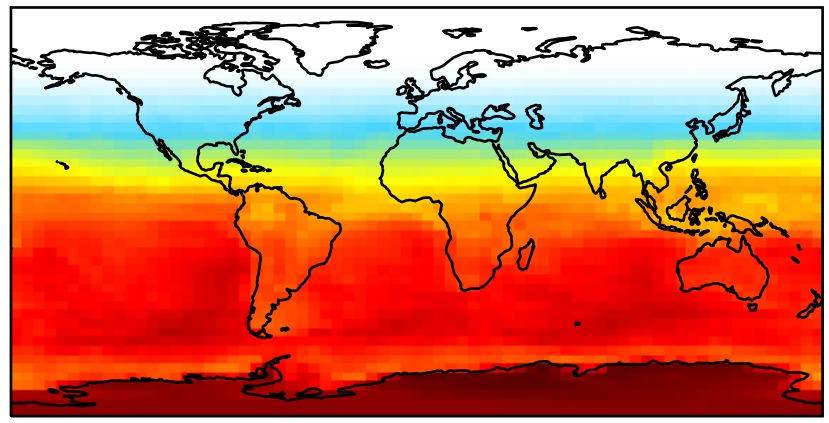
Jval_MVKN (Jan2019)

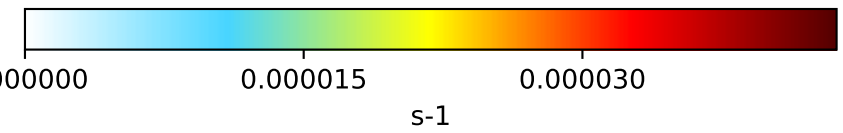
GCC_12.9.0 (Ref)
4.0x5.0



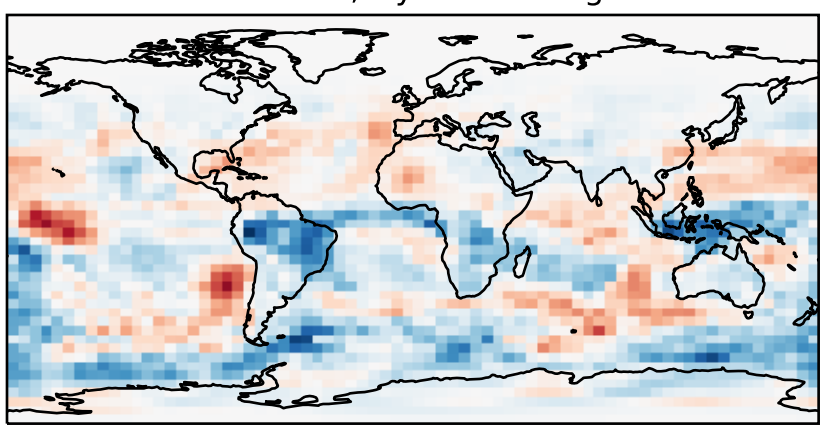


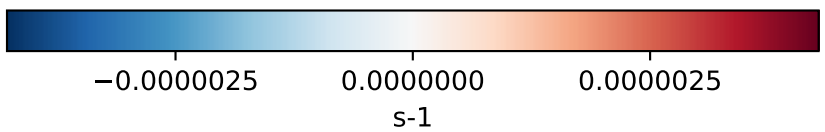
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



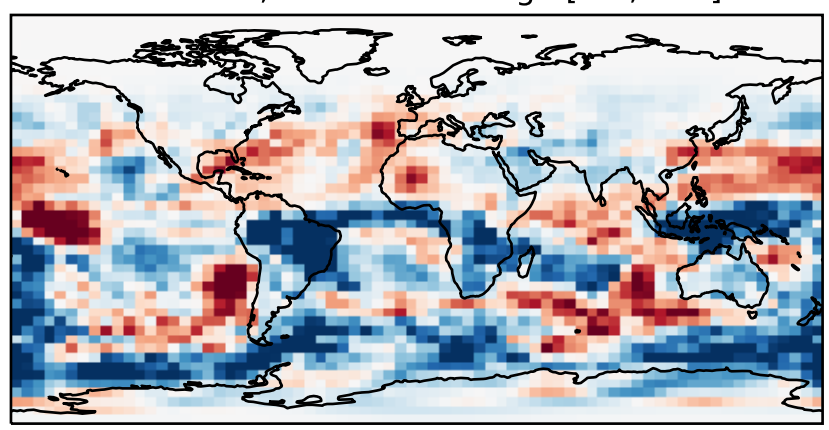


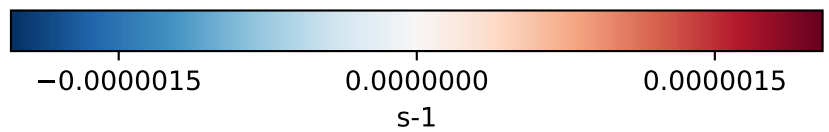
Difference
Dev - Ref, Dynamic Range



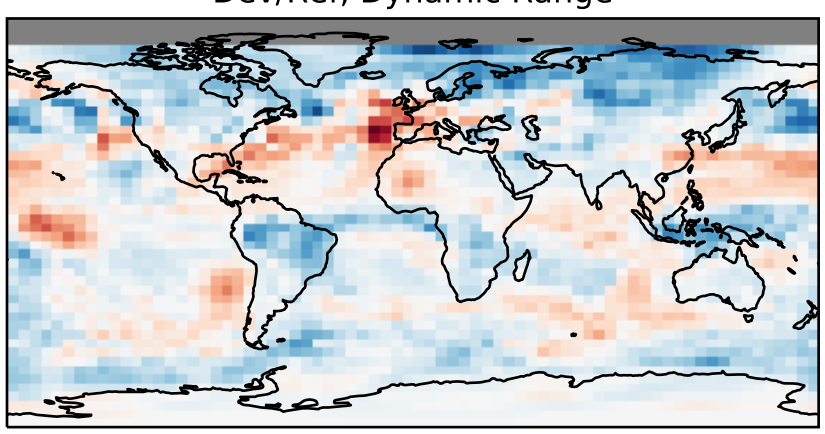


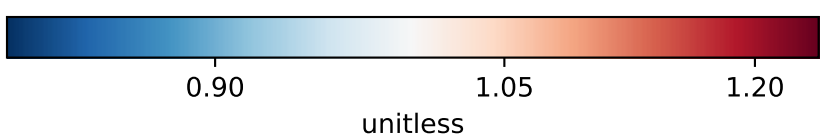
Difference
Dev - Ref, Restricted Range [5%,95%]



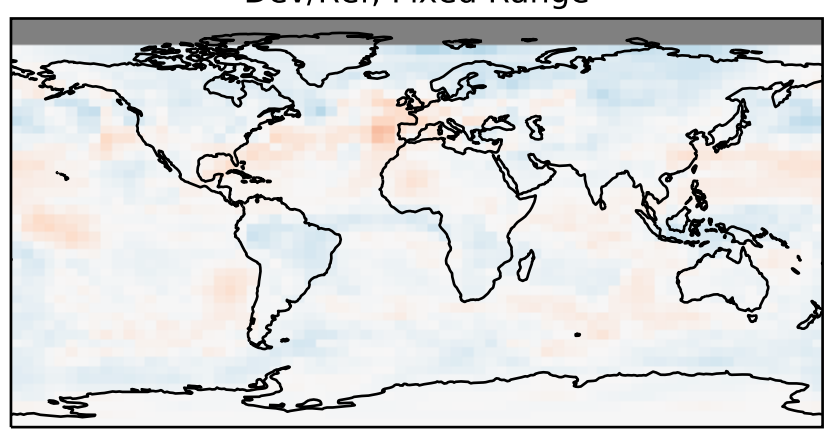


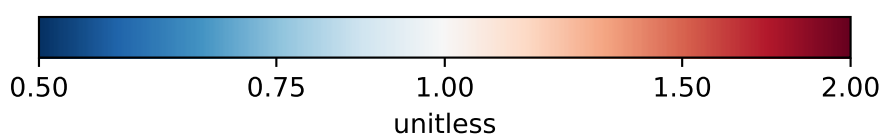
Ratio
Dev/Ref, Dynamic Range





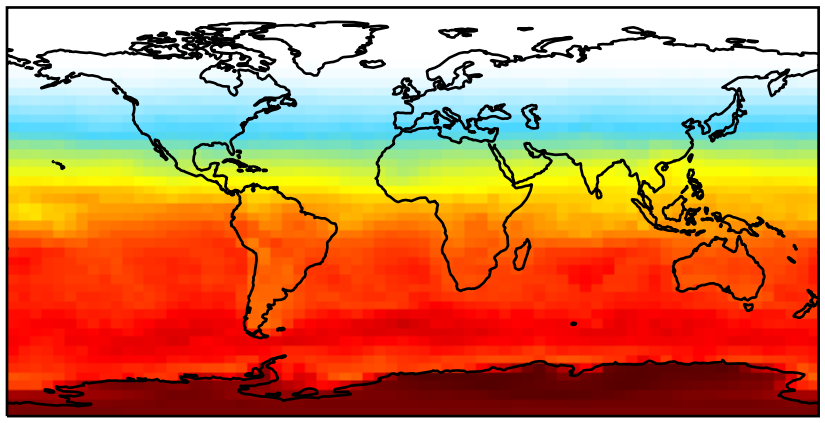
Ratio
Dev/Ref, Fixed Range

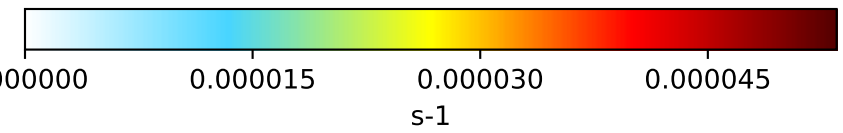




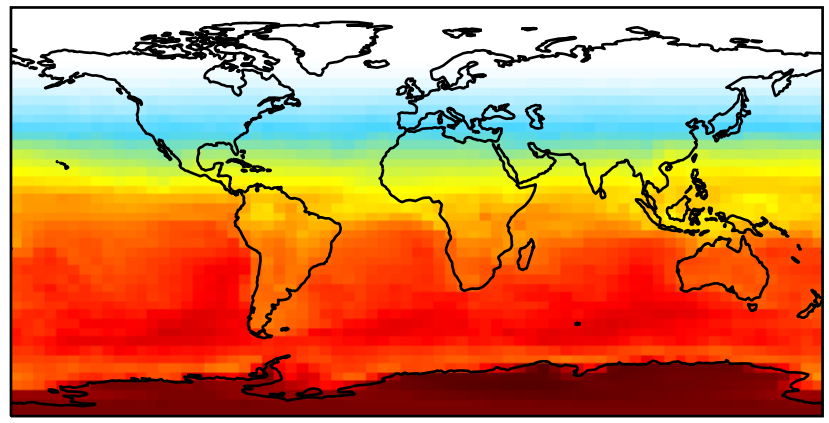
Jval_MVKPC (Jan2019)

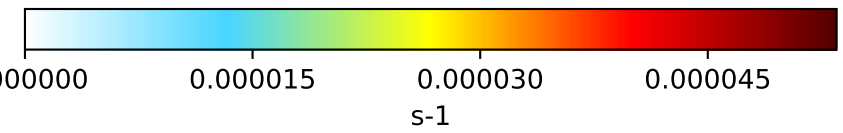
GCC_12.9.0 (Ref)
4.0x5.0



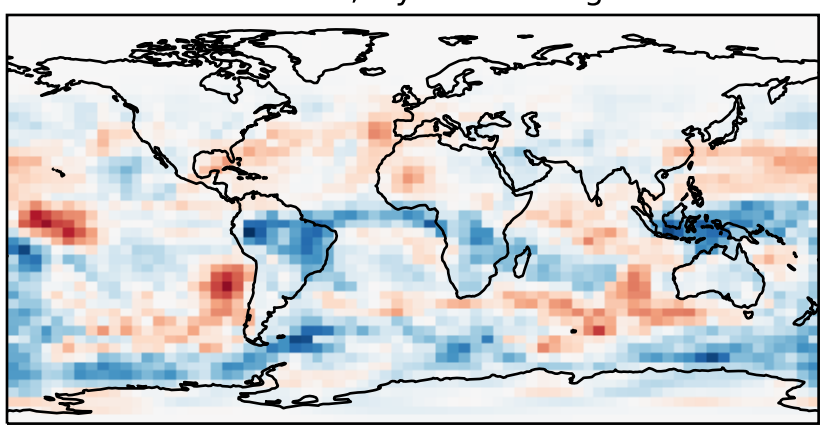


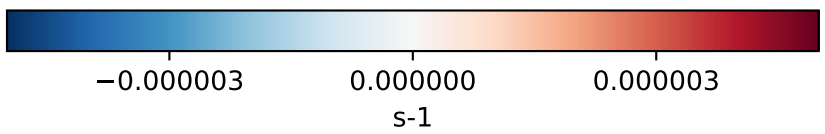
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



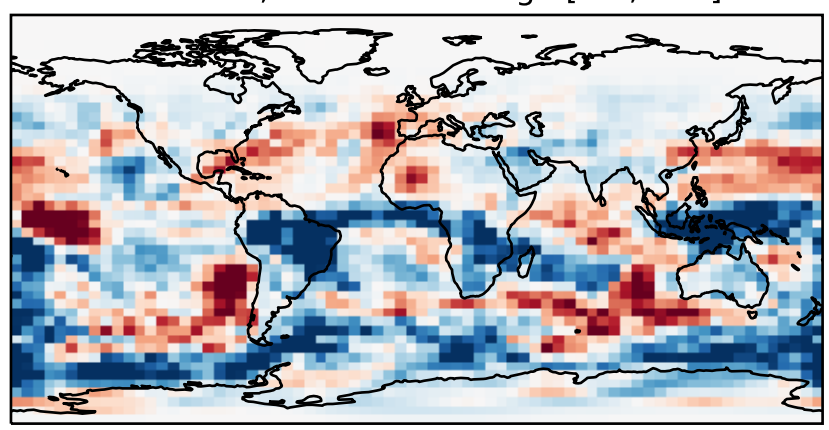


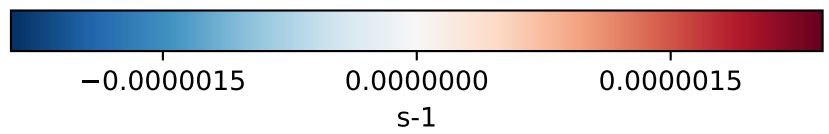
Difference
Dev - Ref, Dynamic Range



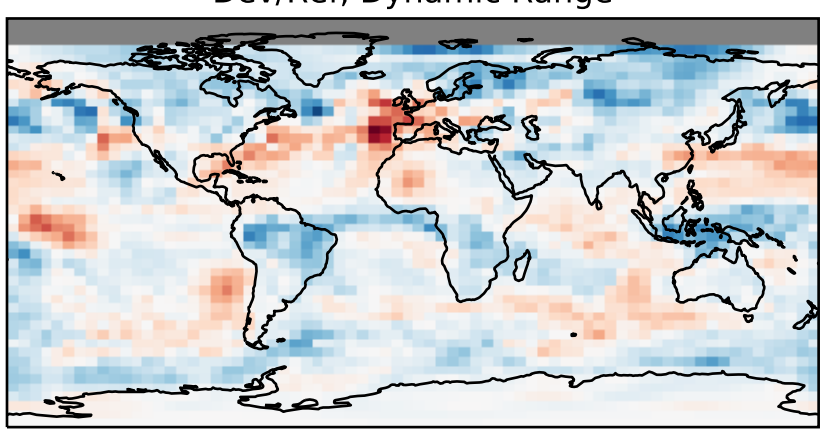


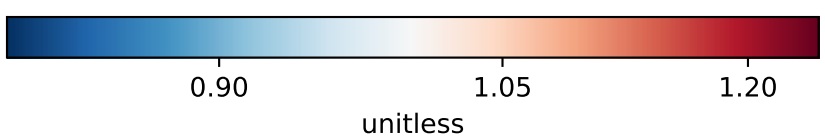
Difference
Dev - Ref, Restricted Range [5%,95%]



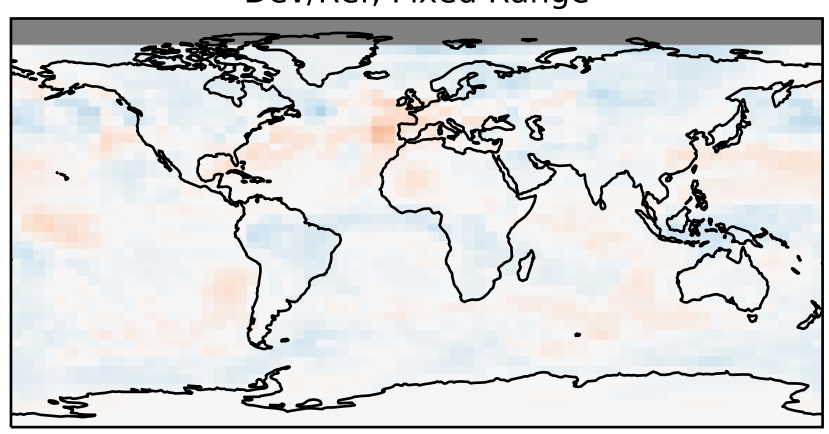


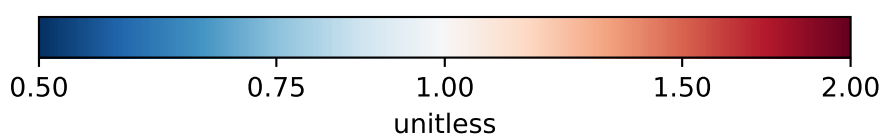
Ratio
Dev/Ref, Dynamic Range





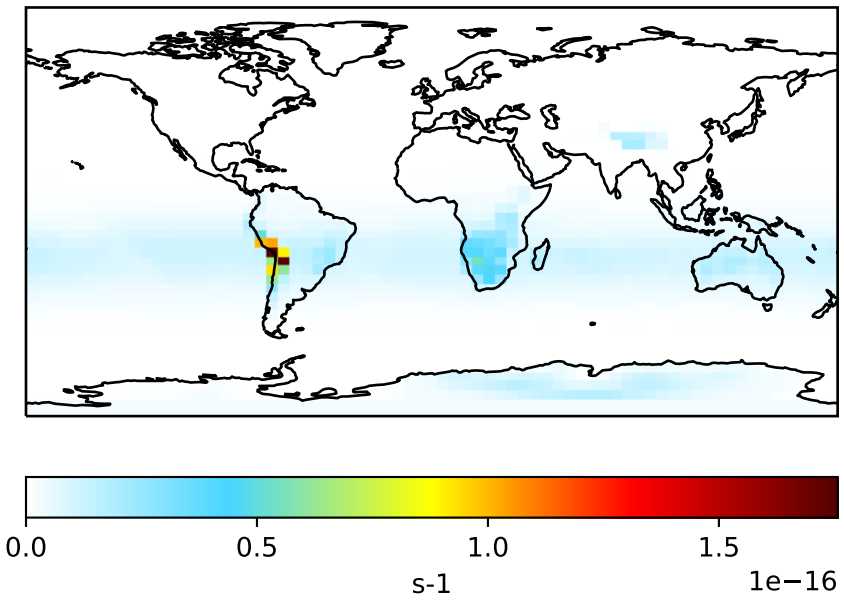
Ratio
Dev/Ref, Fixed Range



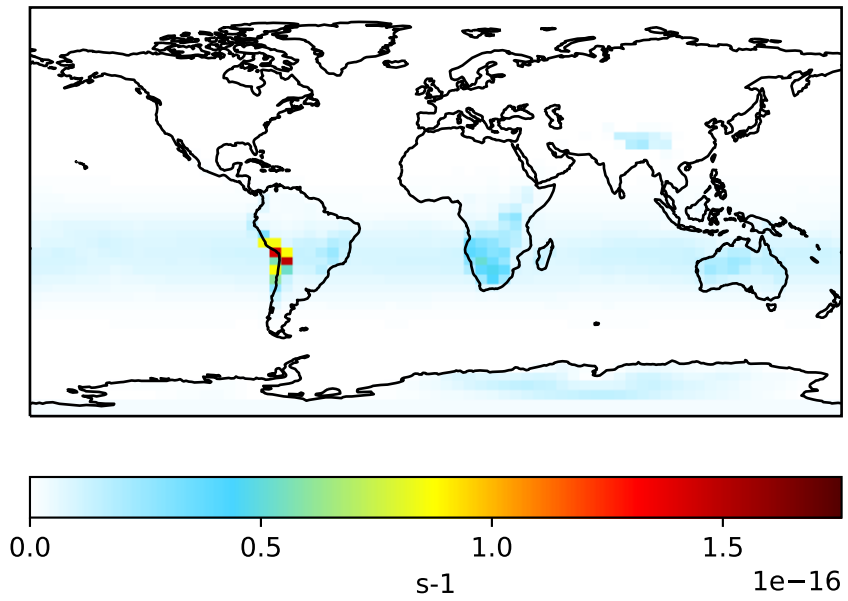


Jval_N2O (Jan2019)

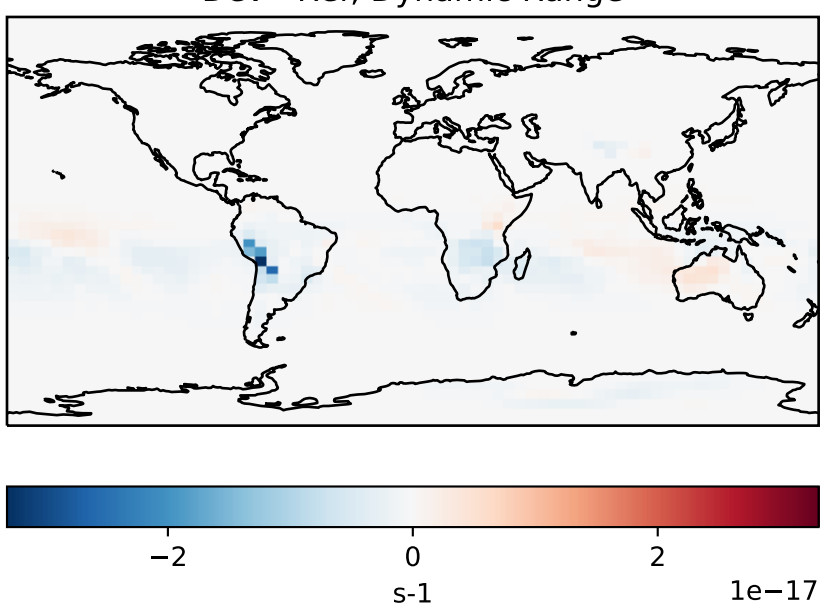
GCC_12.9.0 (Ref)
4.0x5.0



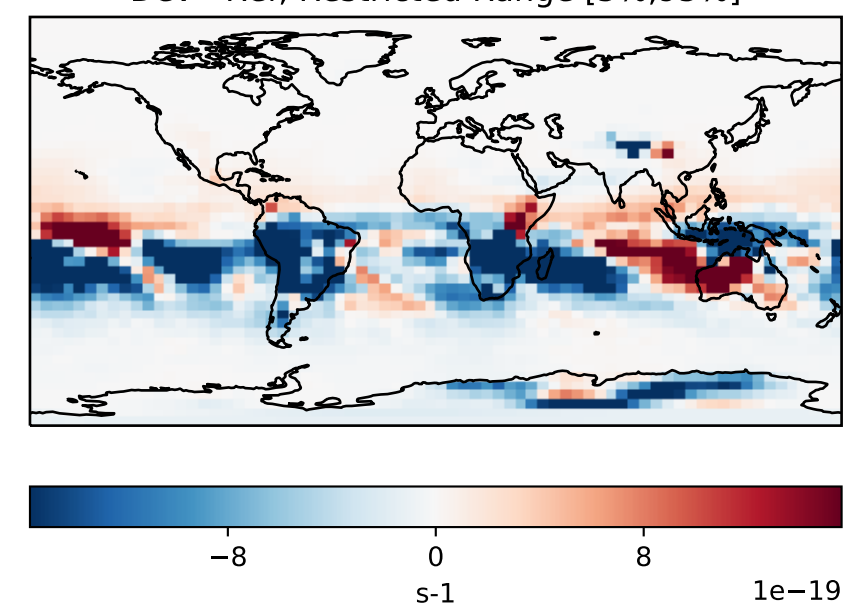
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



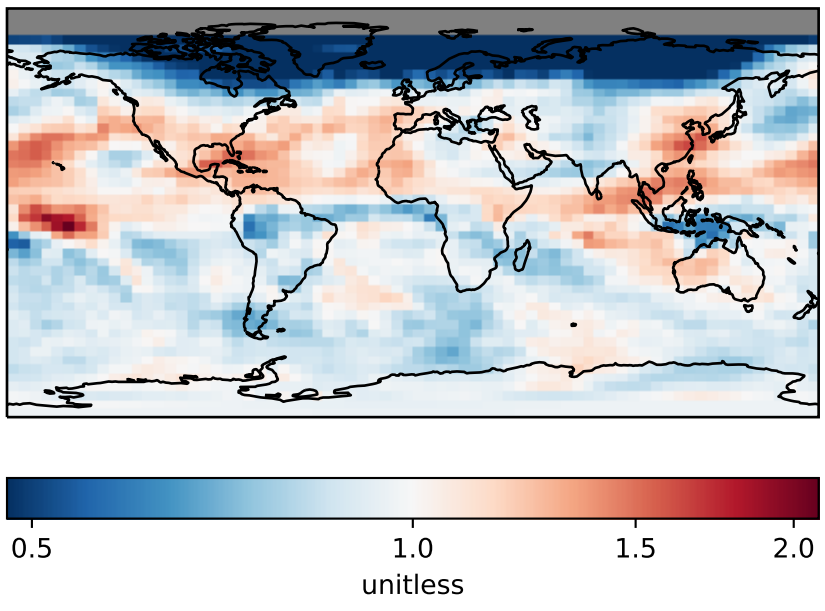
Difference
Dev - Ref, Dynamic Range



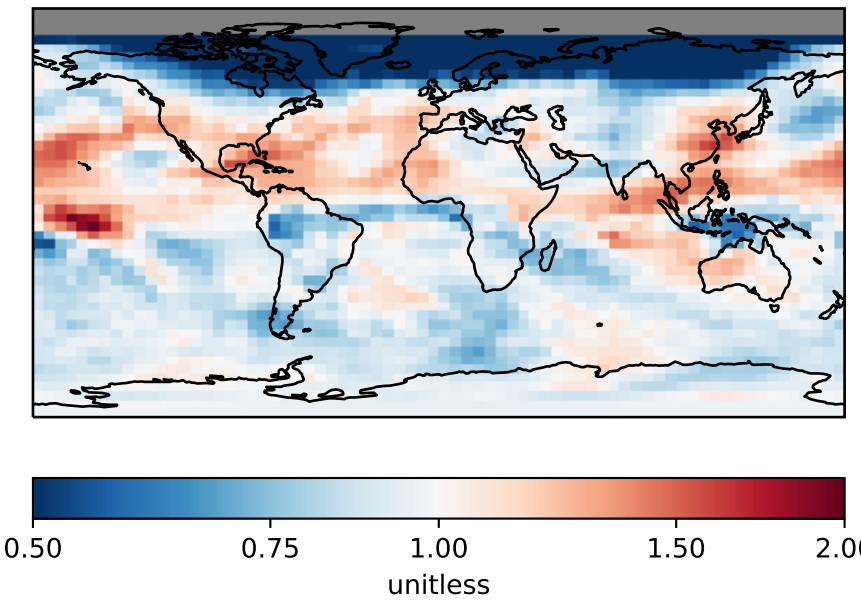
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

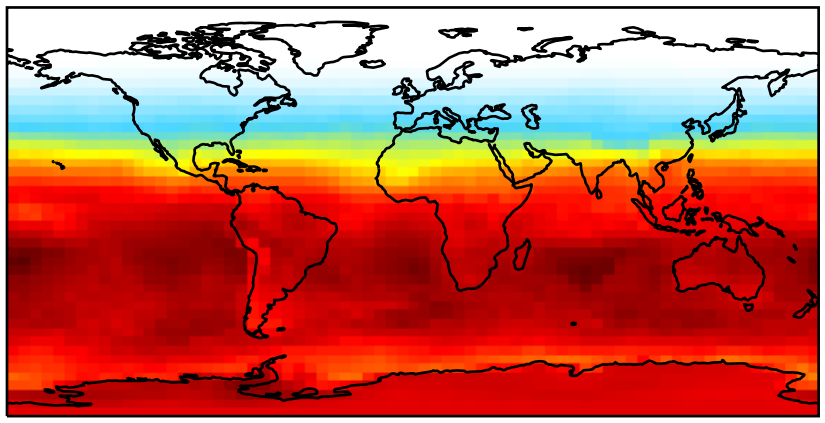


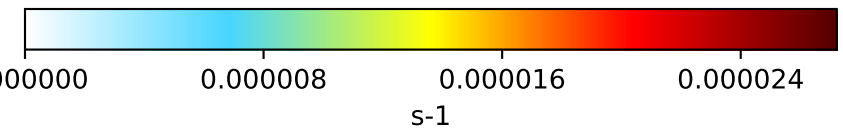
Ratio
Dev/Ref, Fixed Range



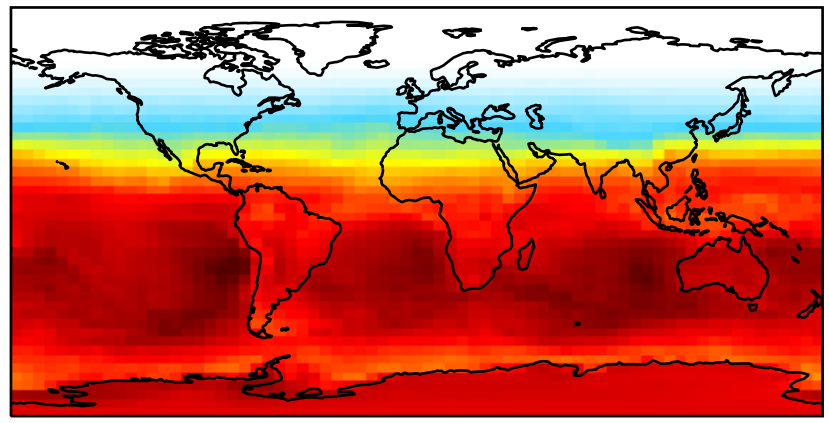
Jval_N2O5 (Jan2019)

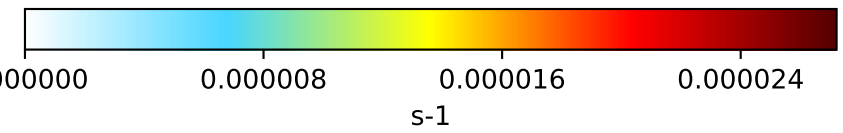
GCC_12.9.0 (Ref)
4.0x5.0



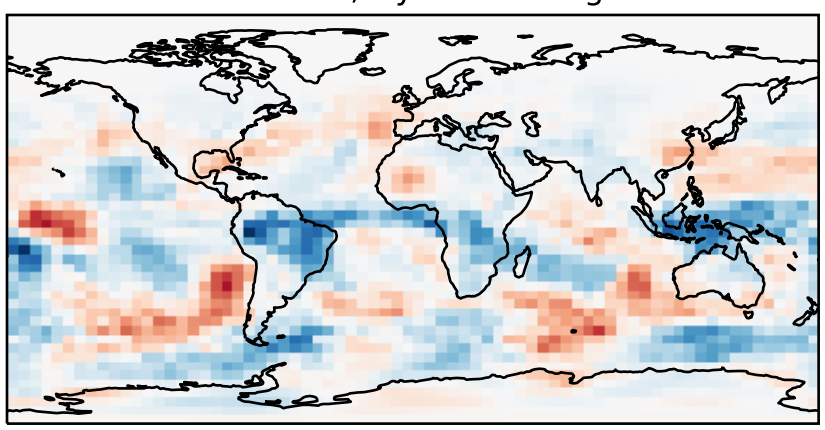


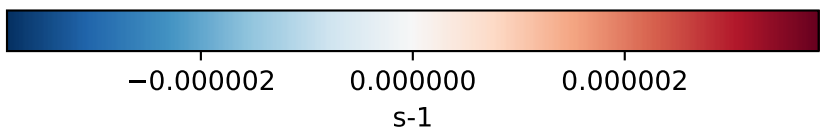
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



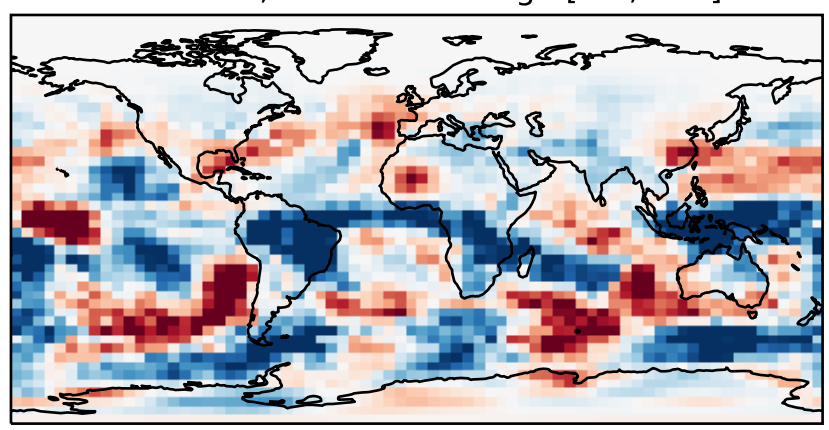


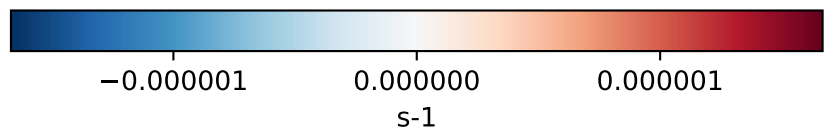
Difference
Dev - Ref, Dynamic Range



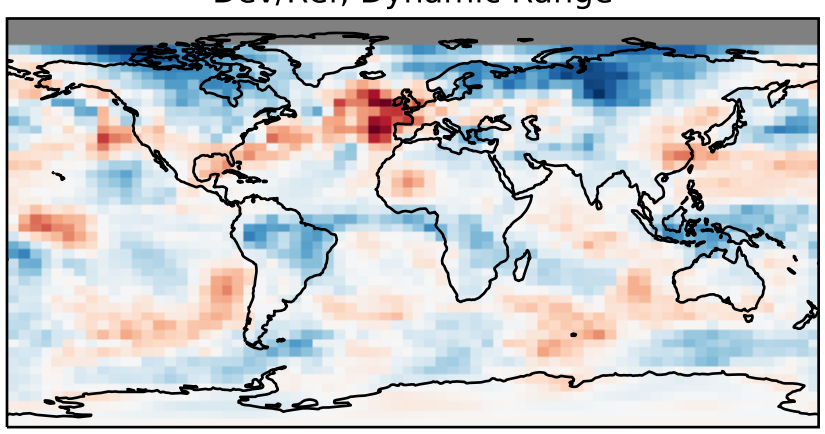


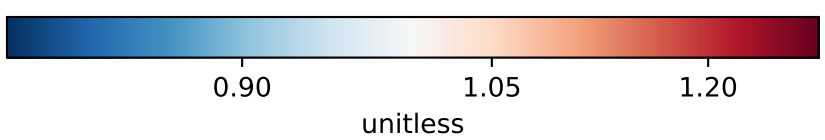
Difference
Dev - Ref, Restricted Range [5%,95%]



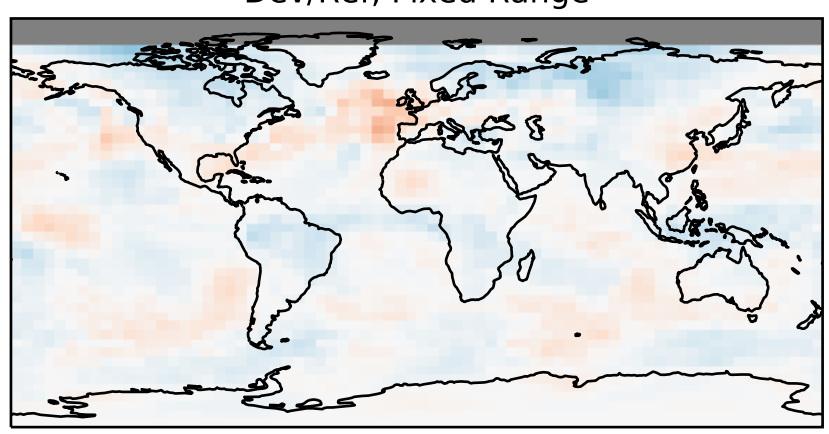


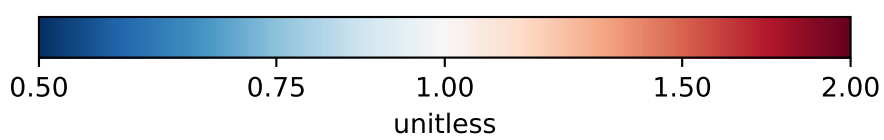
Ratio
Dev/Ref, Dynamic Range





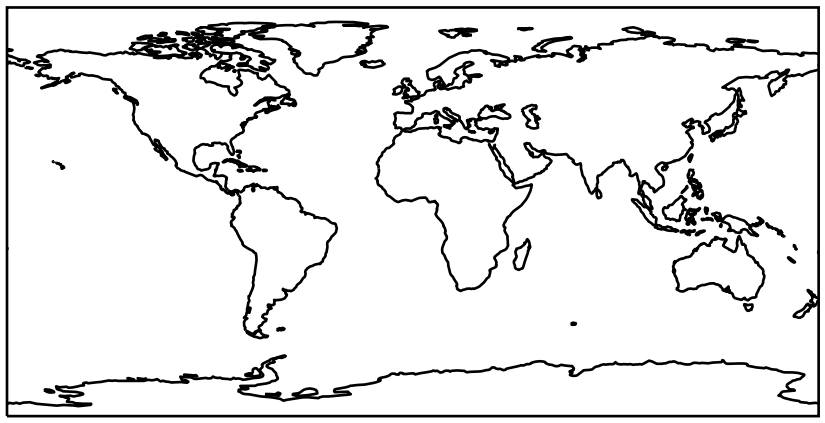
Ratio
Dev/Ref, Fixed Range





Jval_NIT (Jan2019)

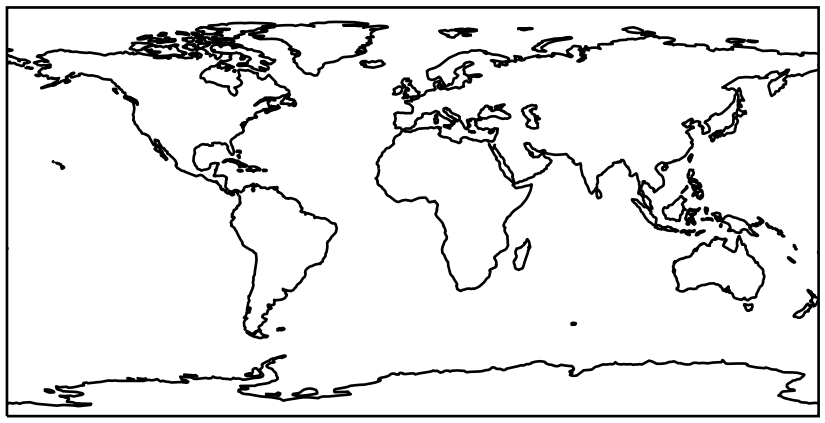
GCC_12.9.0 (Ref)
4.0x5.0





Zero throughout domain
s-1

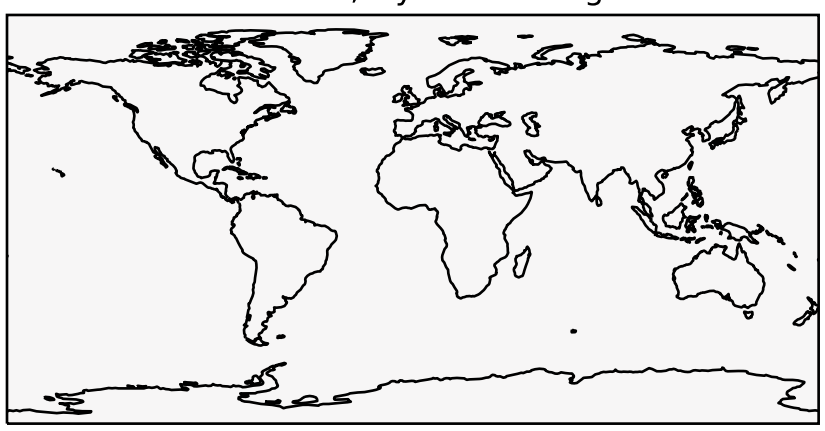
GCC_13.0.0-beta.1 (Dev)
4.0x5.0





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s-1

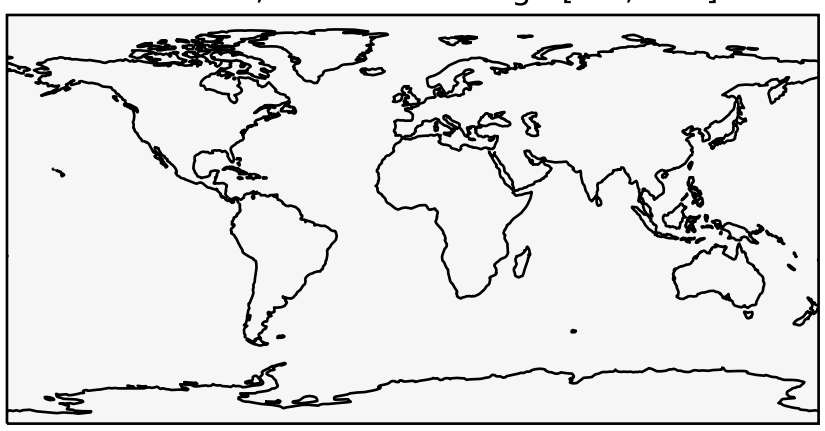
Difference
Dev - Ref, Dynamic Range





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s-1

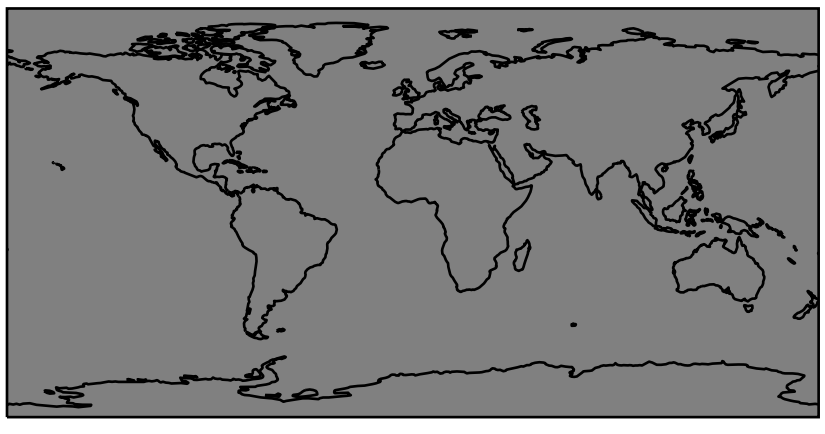
Difference
Dev - Ref, Restricted Range [5%,95%]





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s-1

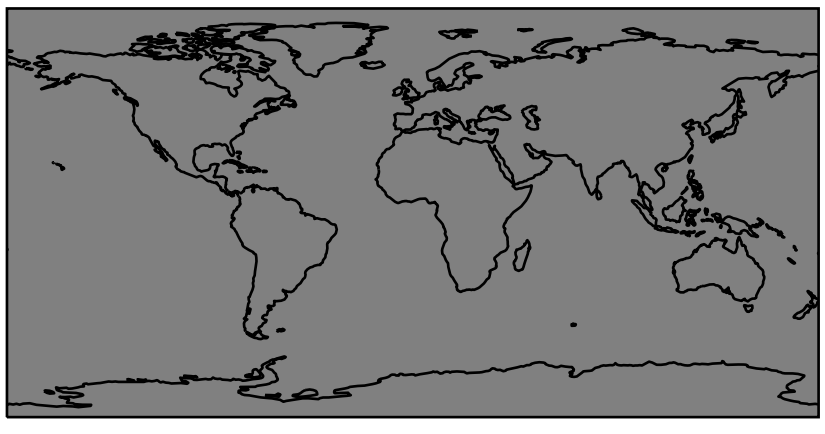
Ratio
Dev/Ref, Dynamic Range





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Ratio
Dev/Ref, Fixed Range

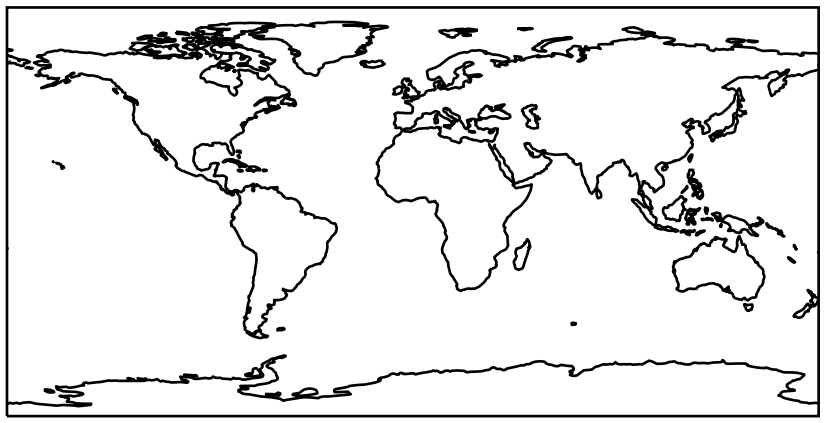




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Jval_NITs (Jan2019)

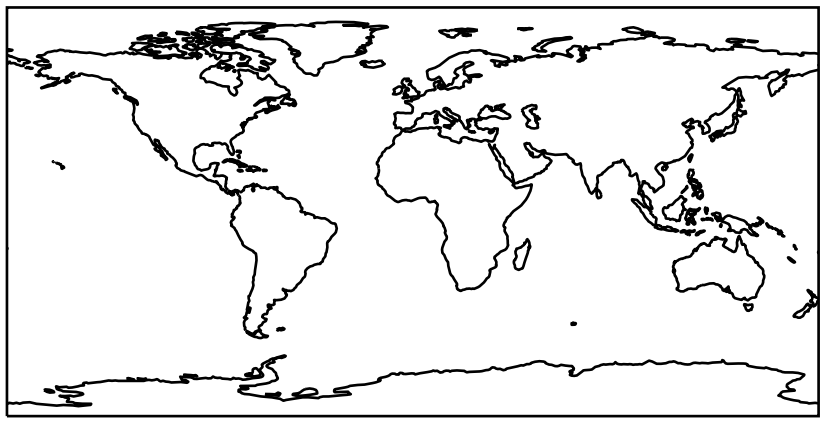
GCC_12.9.0 (Ref)
4.0x5.0





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s-1

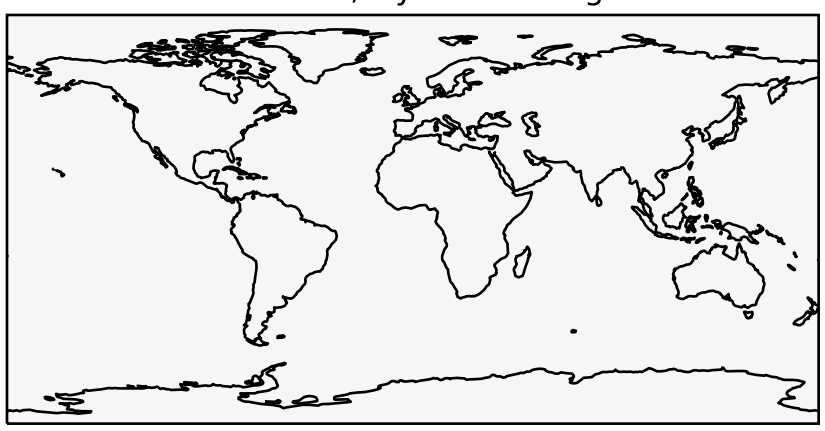
GCC_13.0.0-beta.1 (Dev)
4.0x5.0





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s-1

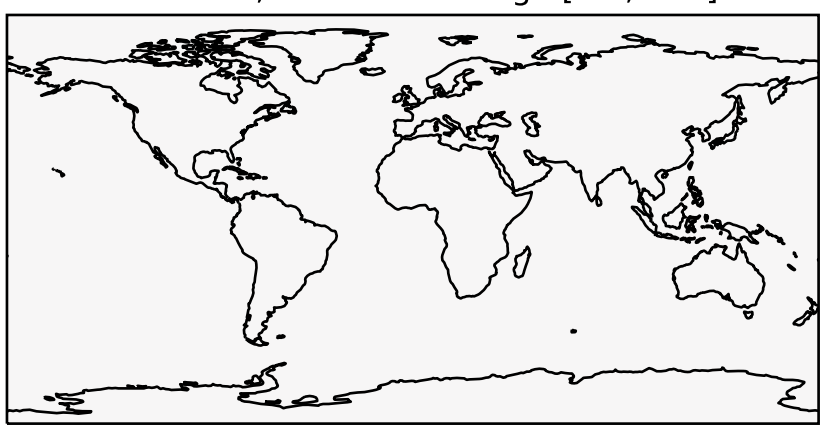
Difference
Dev - Ref, Dynamic Range





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s-1

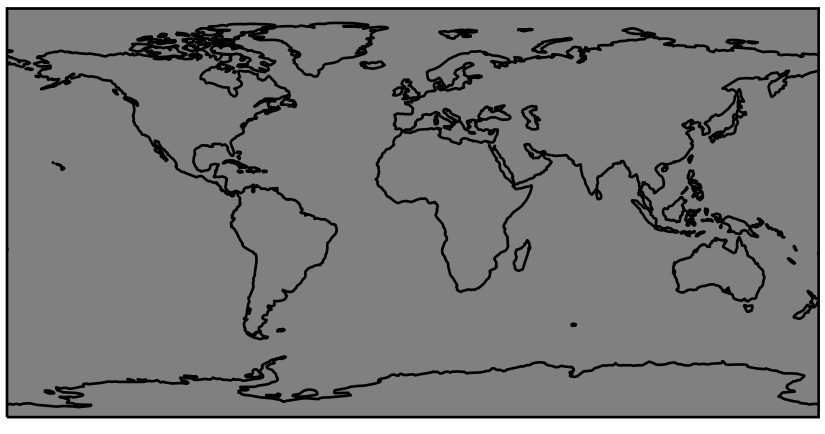
Difference
Dev - Ref, Restricted Range [5%,95%]





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s-1

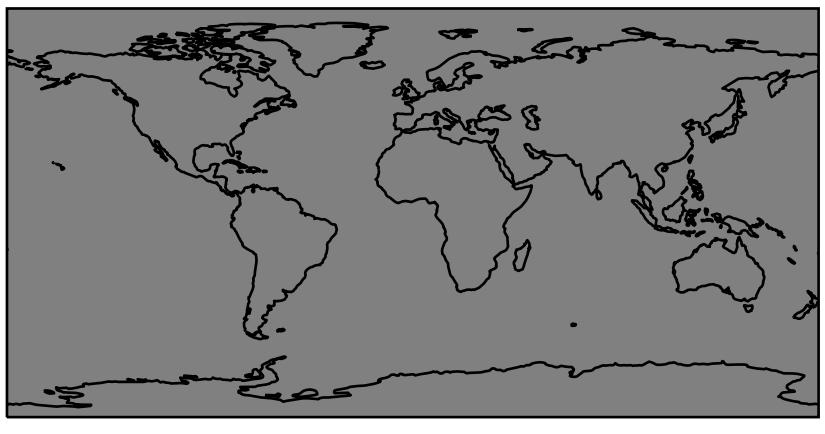
Ratio
Dev/Ref, Dynamic Range





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Ratio
Dev/Ref, Fixed Range

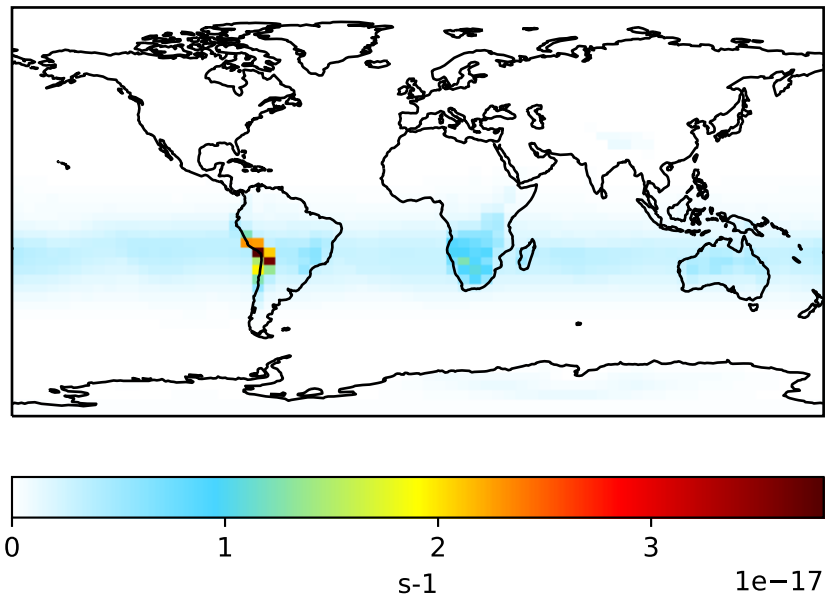




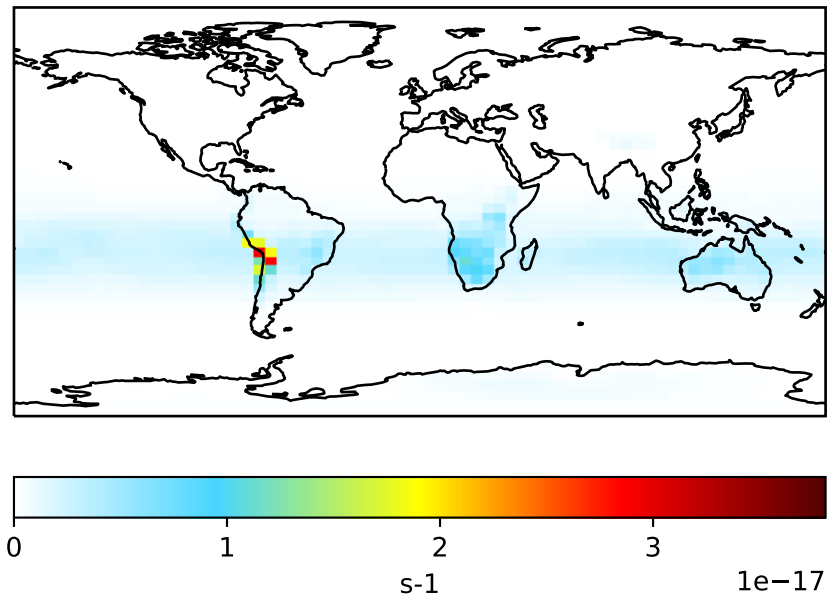
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Jval_NO (Jan2019)

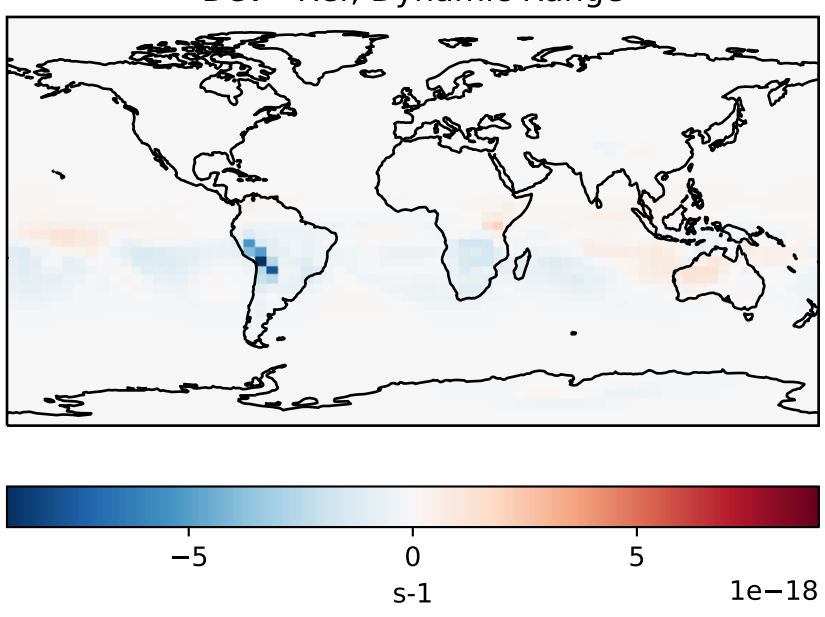
GCC_12.9.0 (Ref)
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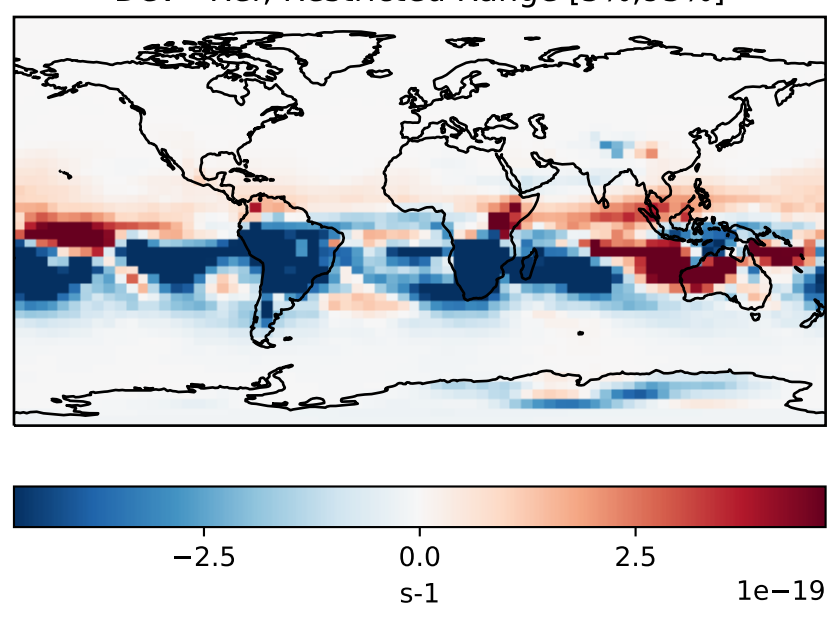
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



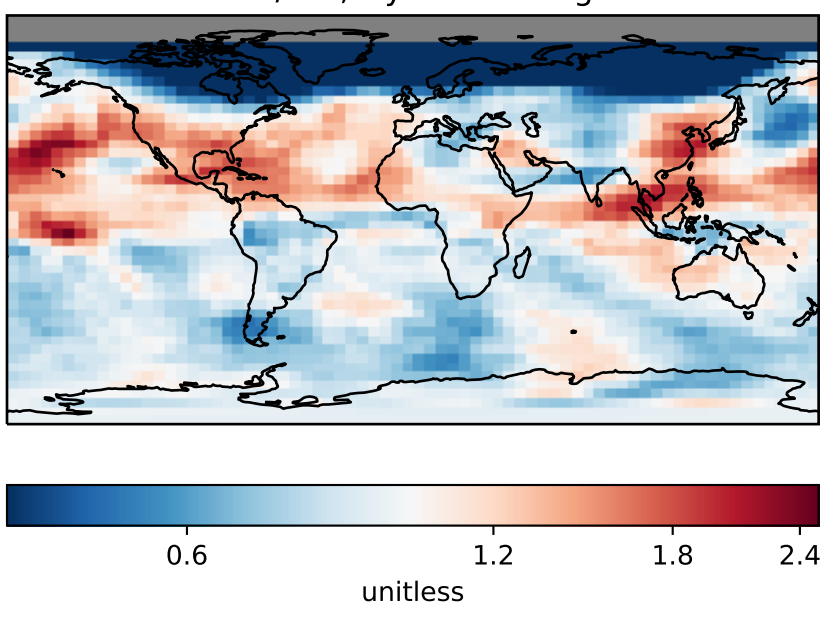
Difference
Dev - Ref, Dynamic Range



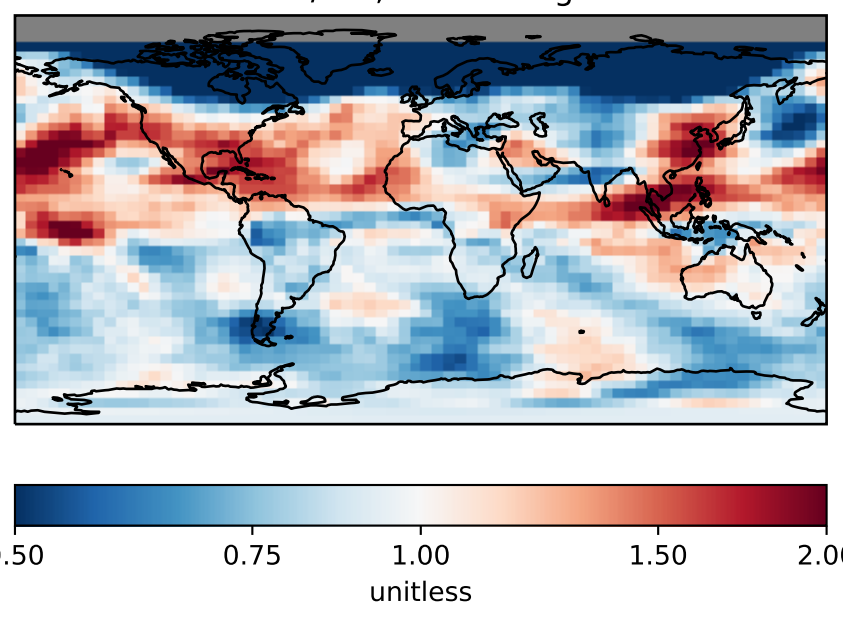
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

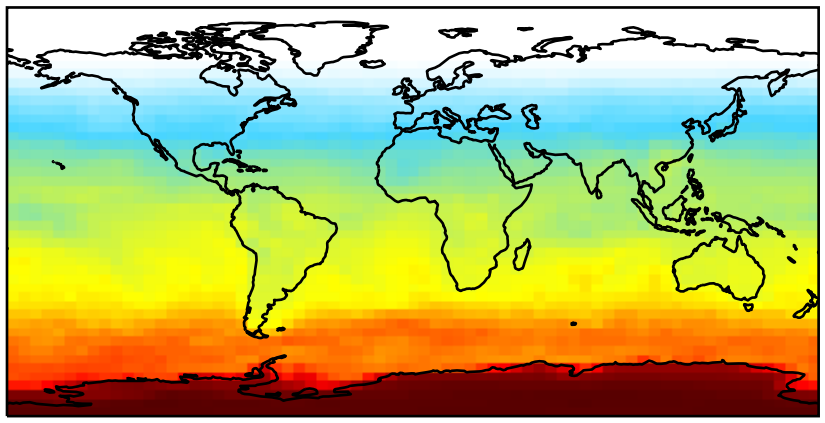


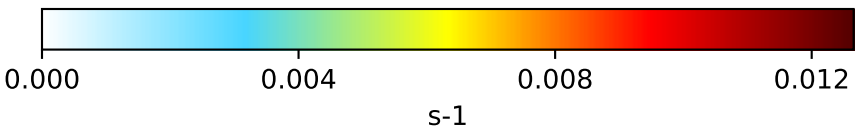
Ratio
Dev/Ref, Fixed Range



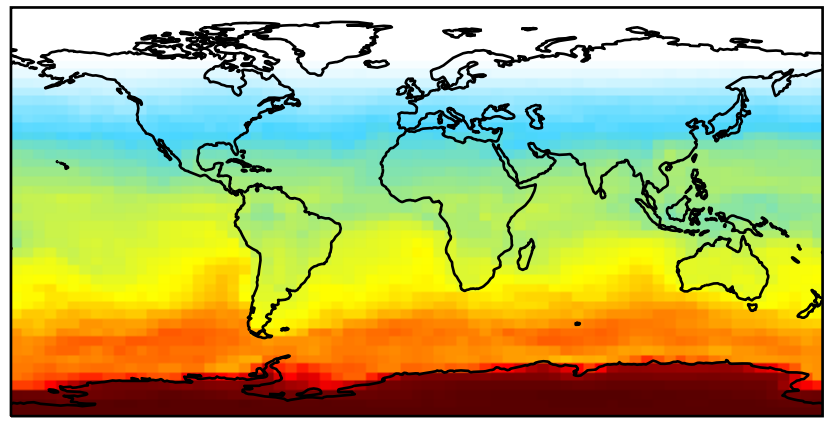
Jval_NO2 (Jan2019)

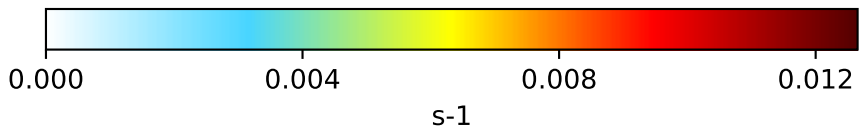
GCC_12.9.0 (Ref)
4.0x5.0



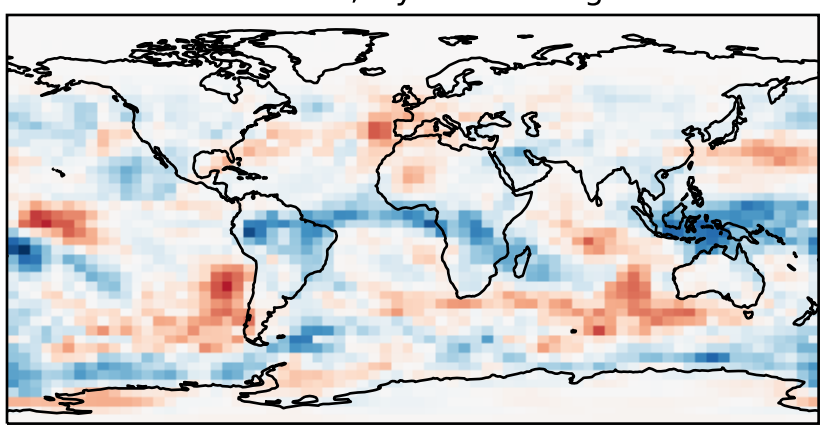


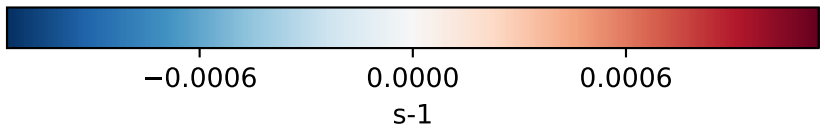
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4.0x5.0



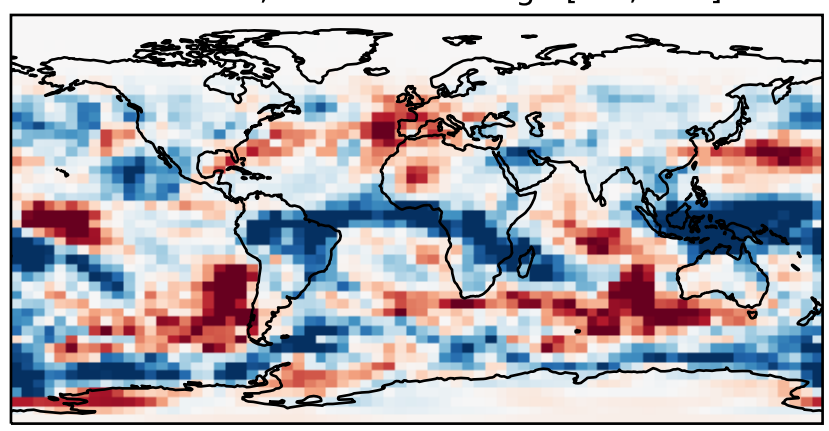


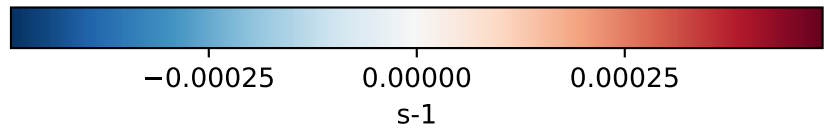
Difference
Dev - Ref, Dynamic Range



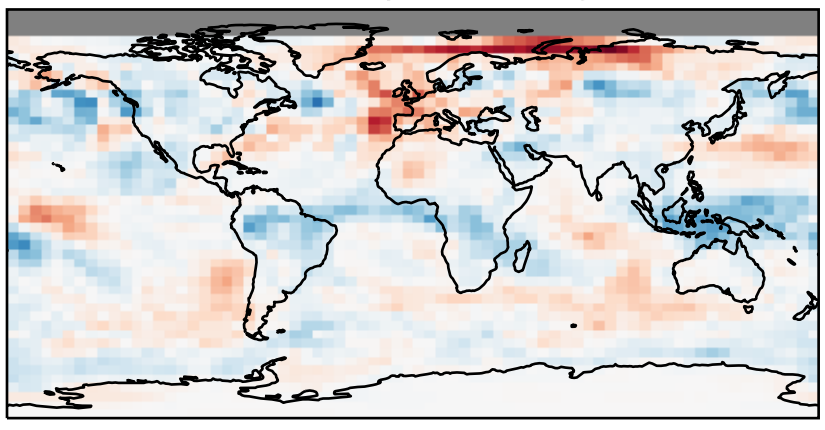


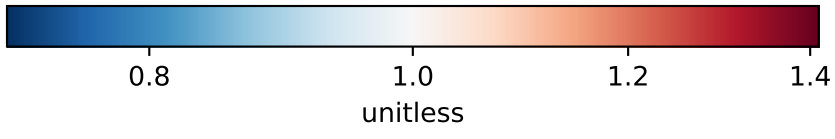
Difference
Dev - Ref, Restricted Range [5%,95%]



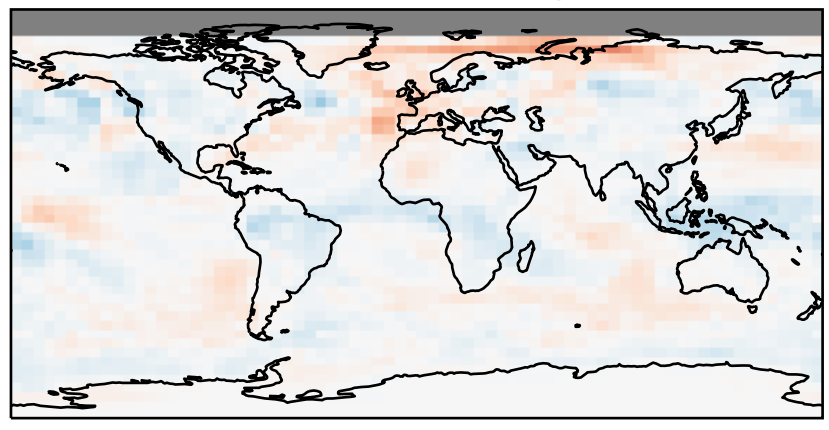


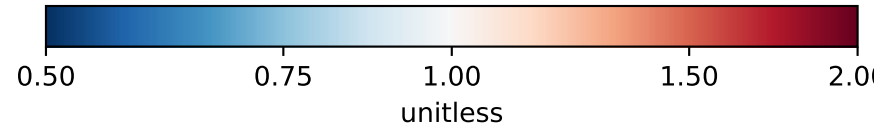
Ratio
Dev/Ref, Dynamic Range





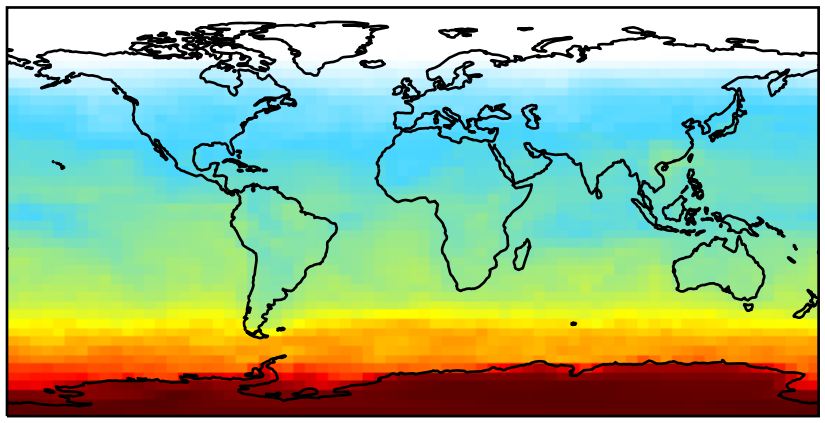
Ratio
Dev/Ref, Fixed Range

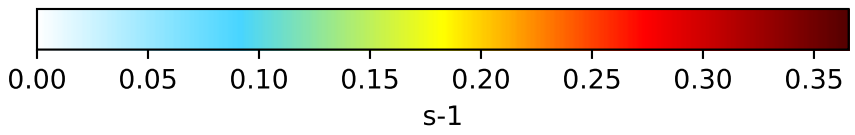




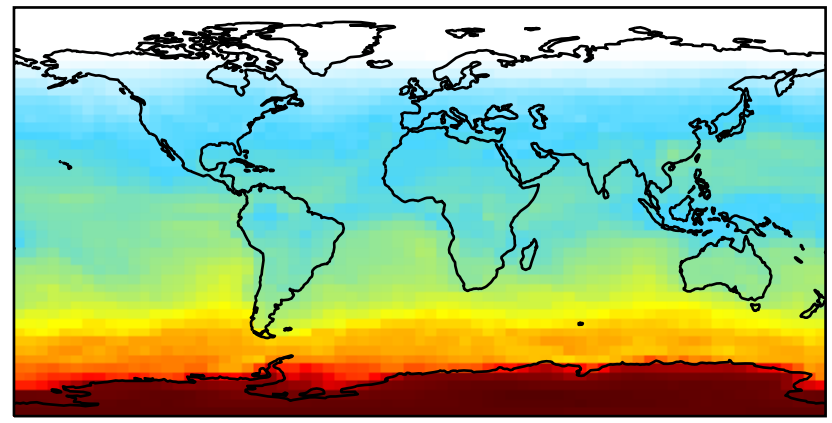
Jval_NO3 (Jan2019)

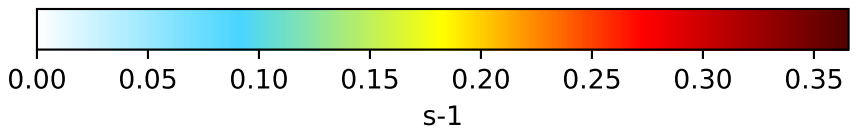
GCC_12.9.0 (Ref)
4.0x5.0



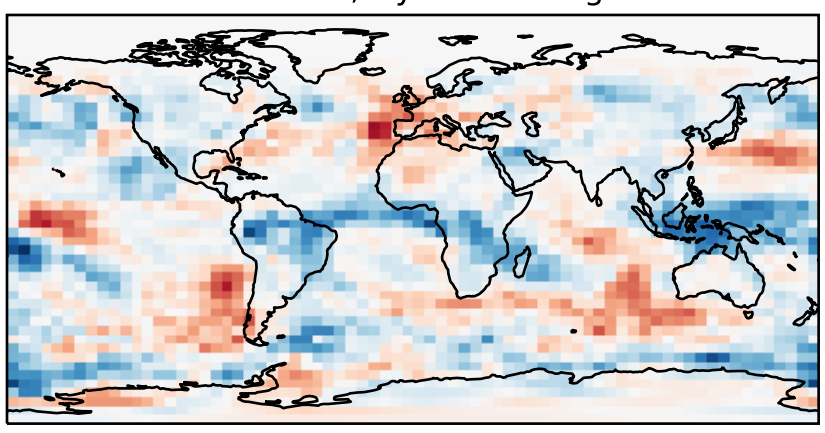


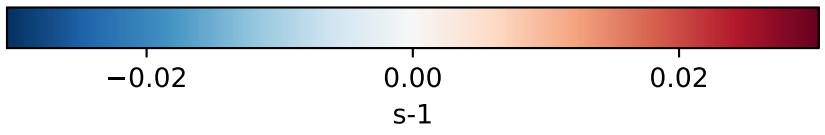
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4.0x5.0



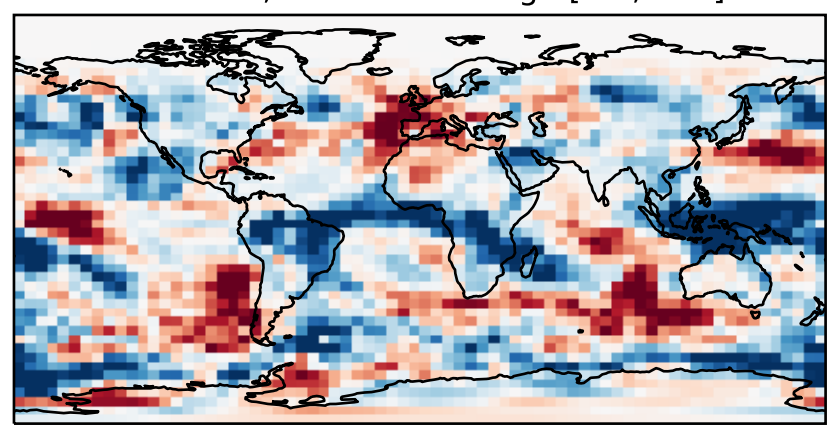


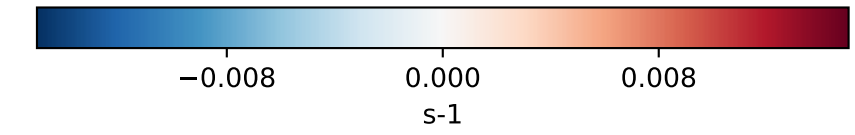
Difference
Dev - Ref, Dynamic Range



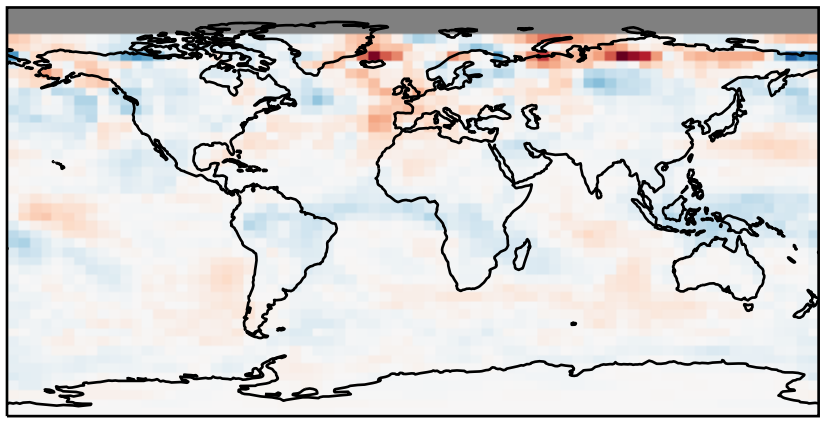


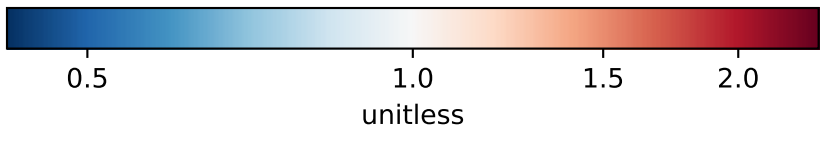
Difference
Dev - Ref, Restricted Range [5%,95%]



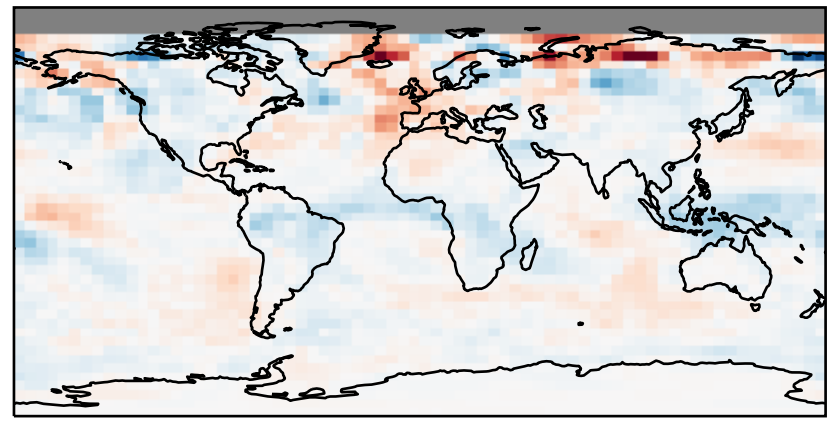


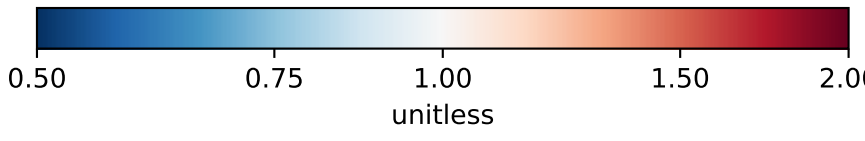
Ratio
Dev/Ref, Dynamic Range





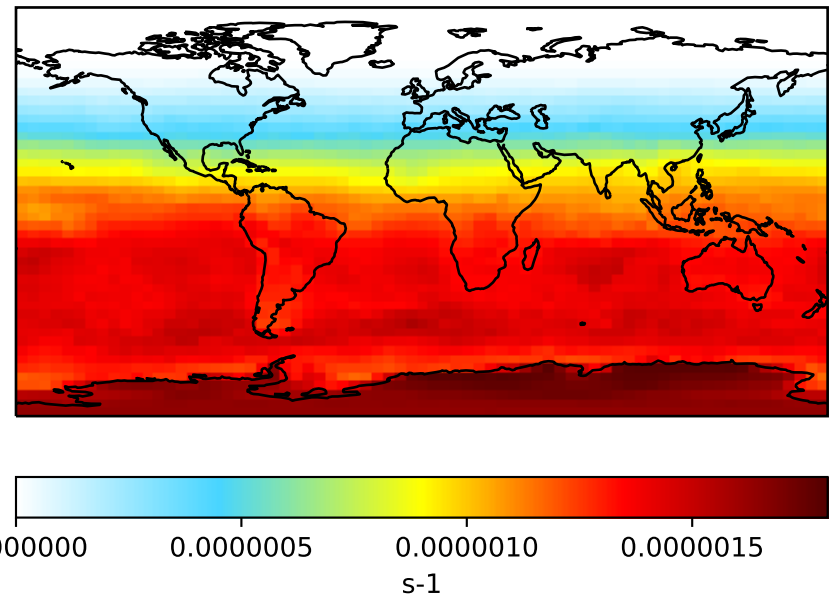
Ratio
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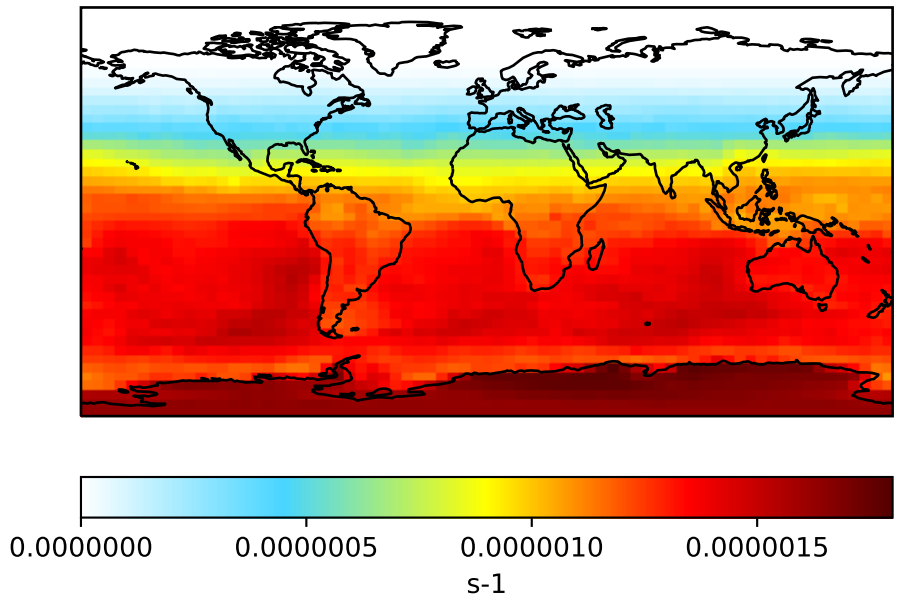


Jval_NPRNO3 (Jan2019)

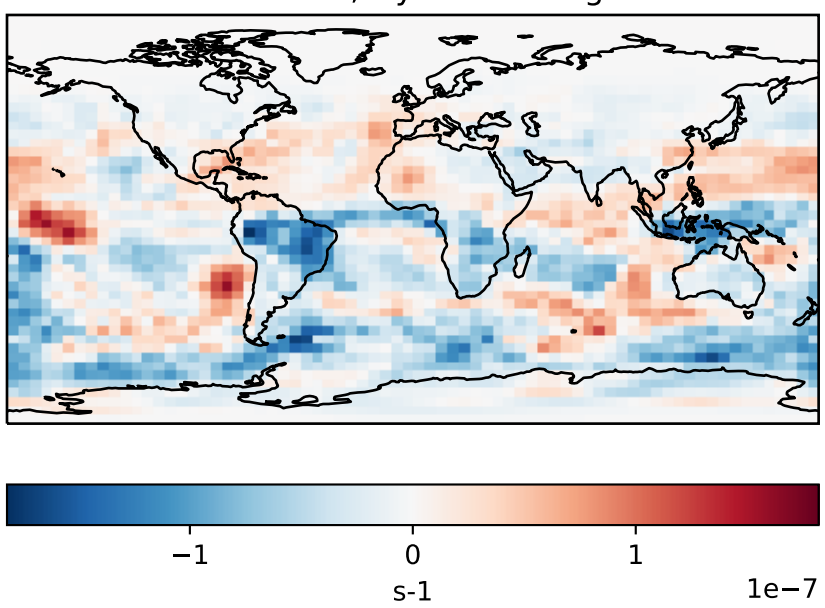
GCC_12.9.0 (Ref)
4.0x5.0



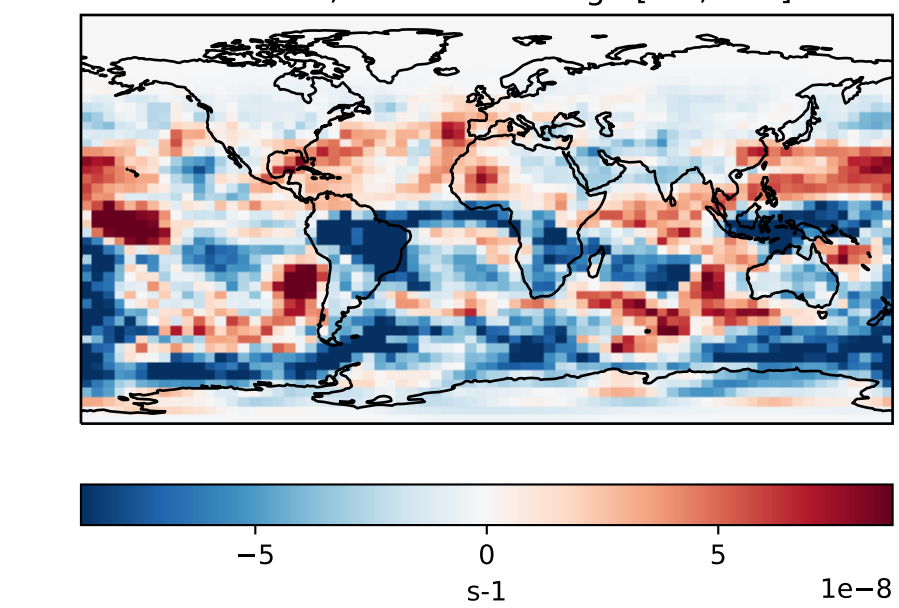
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



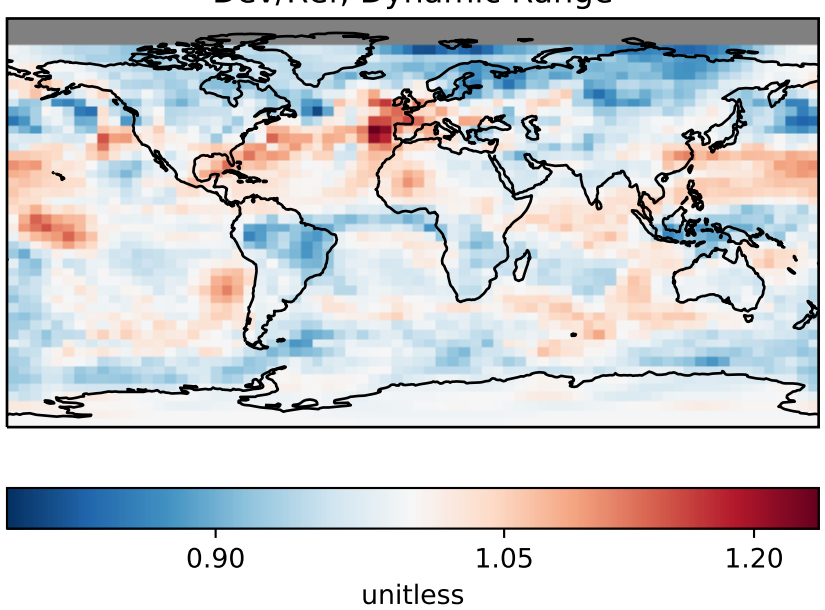
Difference
Dev - Ref, Dynamic Range



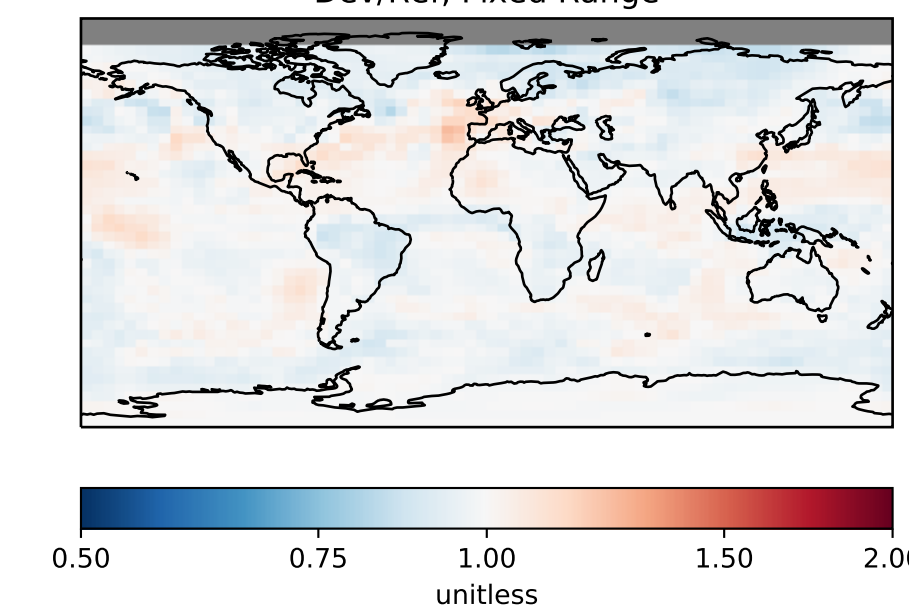
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

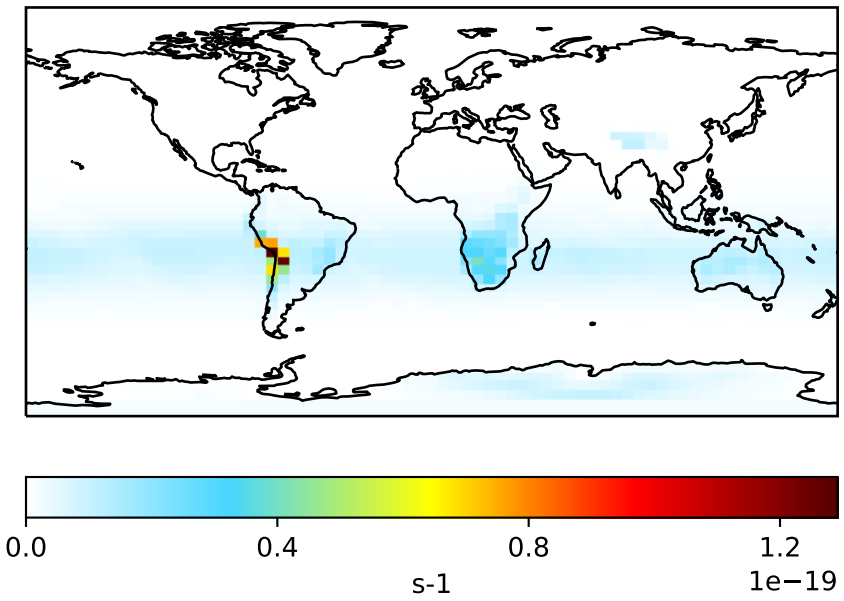


Ratio
Dev/Ref, Fixed Range

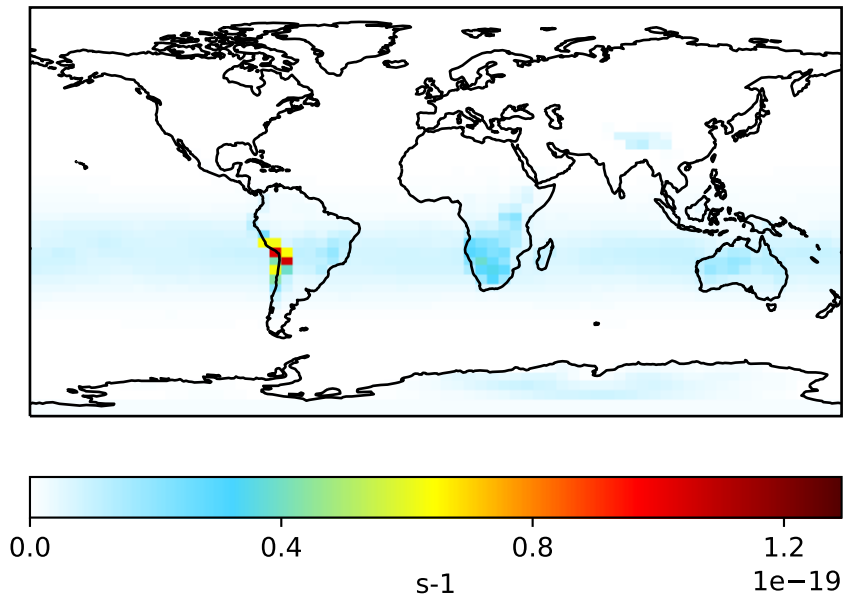


Jval_O2 (Jan2019)

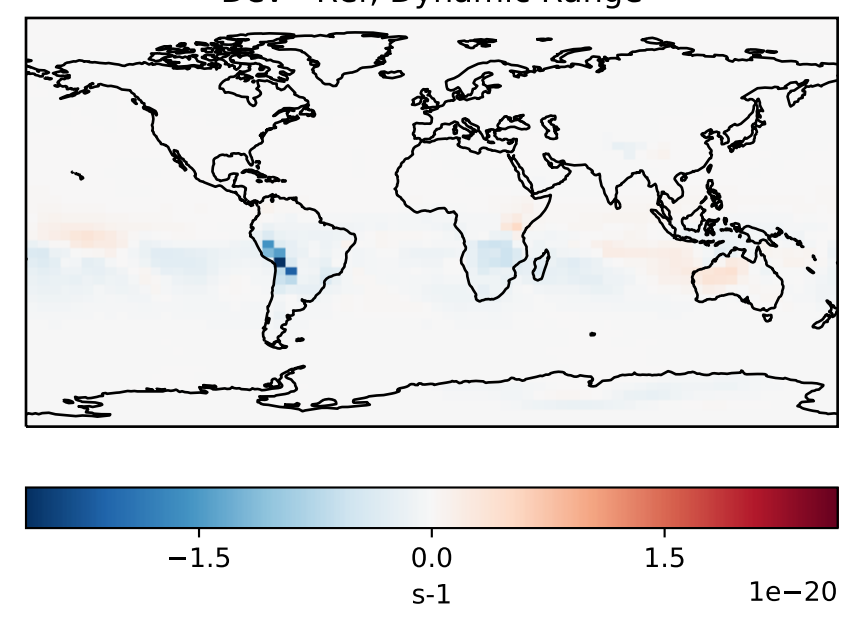
GCC_12.9.0 (Ref)
4.0x5.0



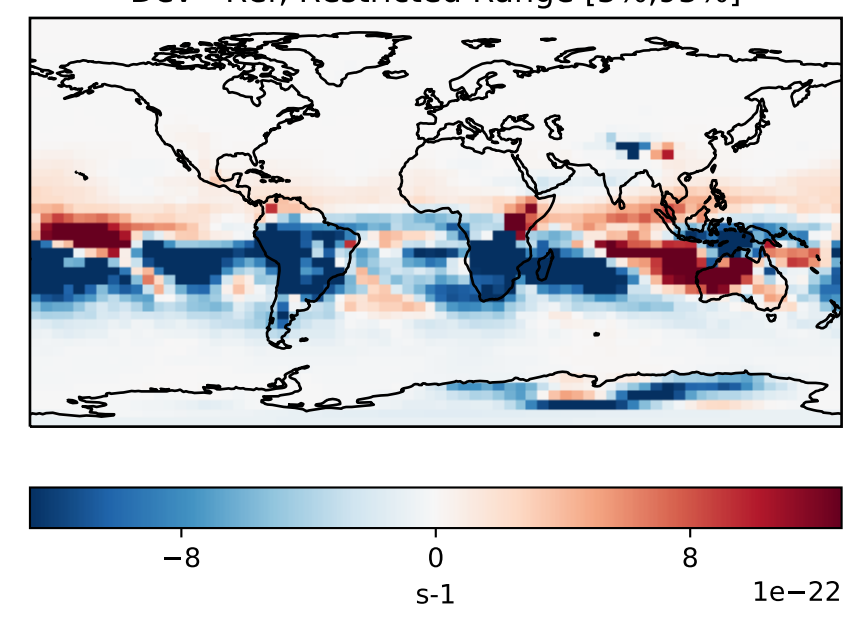
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



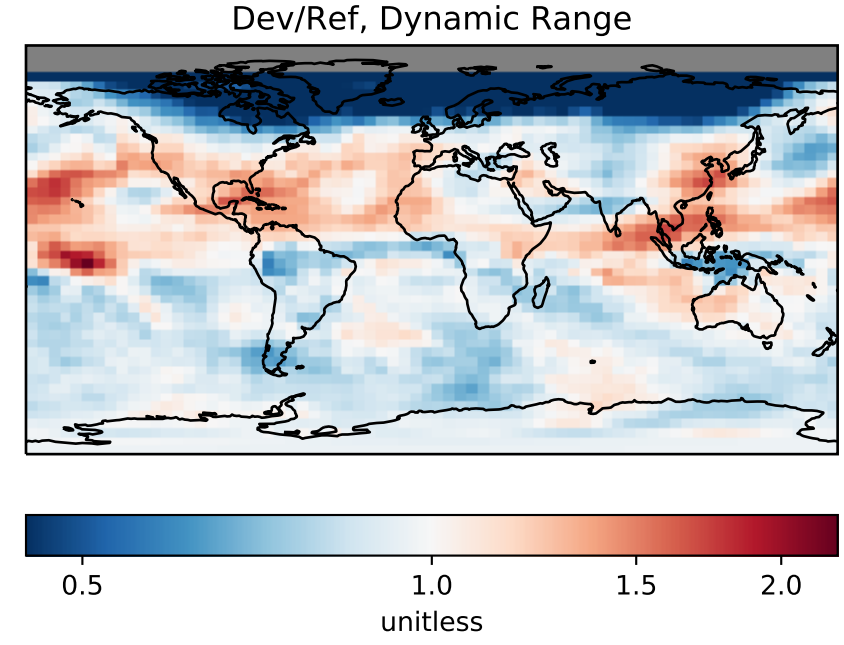
Difference
Dev - Ref, Dynamic Range



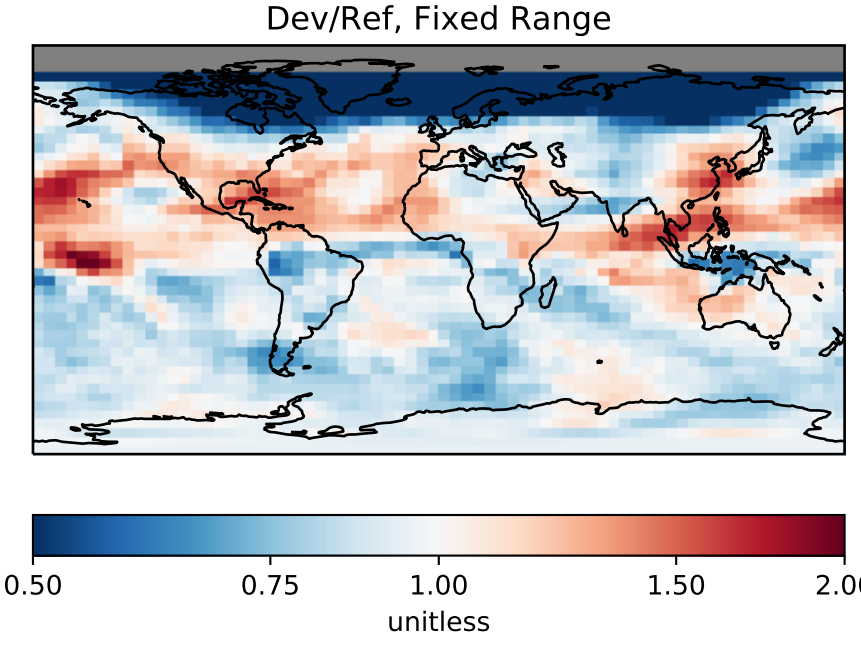
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

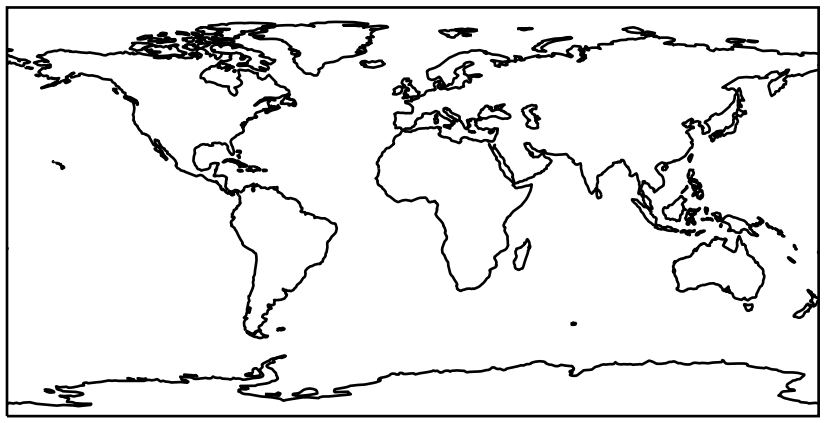


Ratio
Dev/Ref, Fixed Range



Jval_O3 (Jan2019)

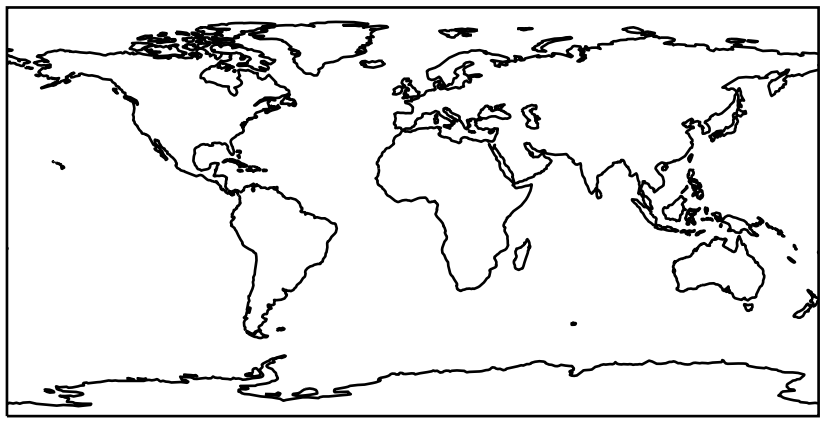
GCC_12.9.0 (Ref)
4.0x5.0





Zero throughout domain
s-1

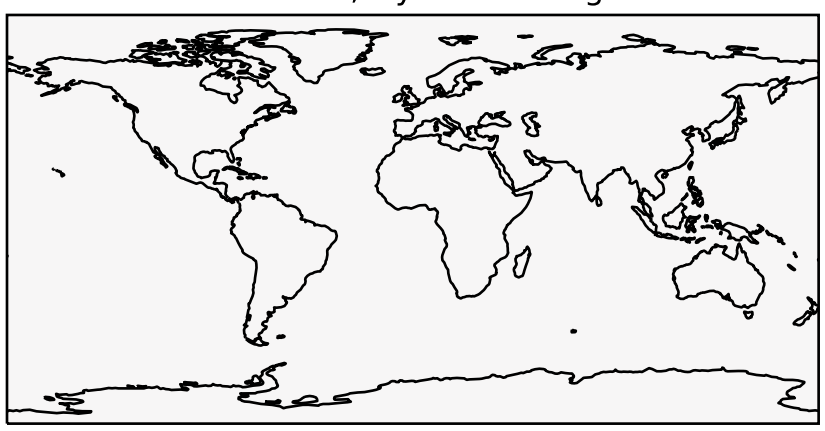
GCC_13.0.0-beta.1 (Dev)
4.0x5.0





Zero throughout domain
s-1

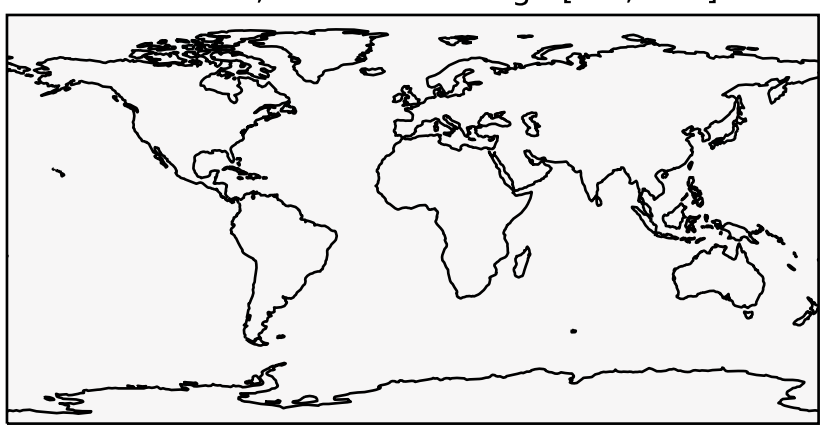
Difference
Dev - Ref, Dynamic Range





Zero throughout domain
s-1

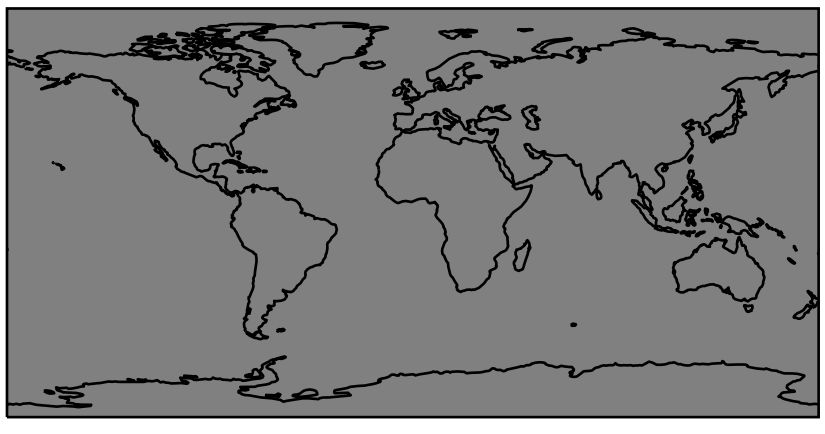
Difference
Dev - Ref, Restricted Range [5%,95%]





Zero throughout domain
s-1

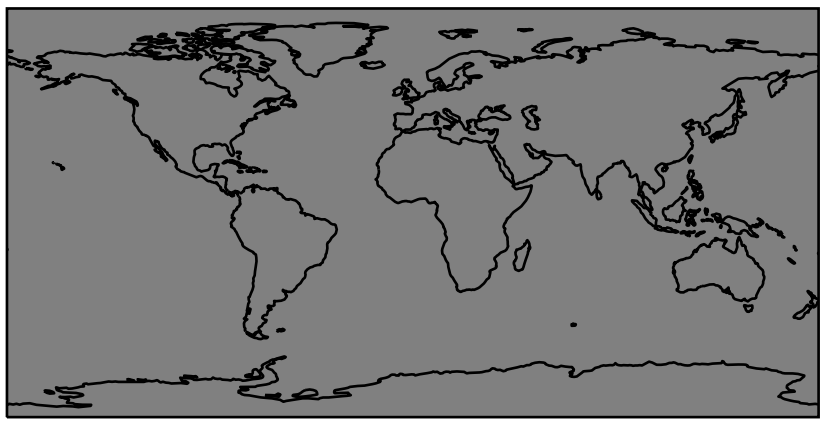
Ratio
Dev/Ref, Dynamic Range





Undefined throughout domain
unitless

Ratio
Dev/Ref, Fixed Range

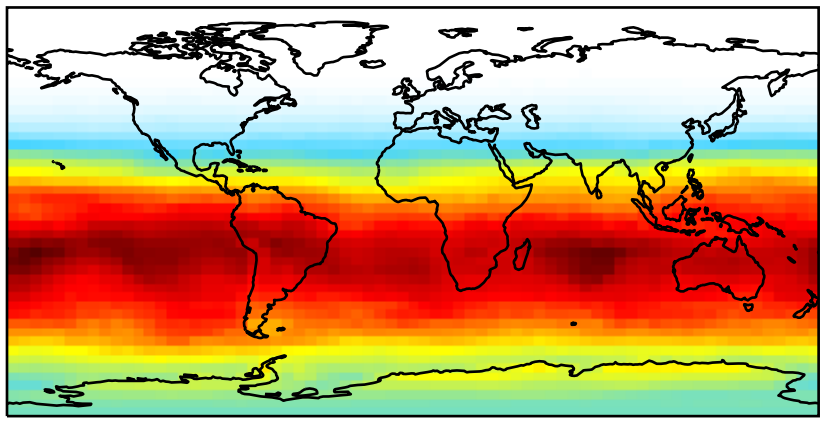


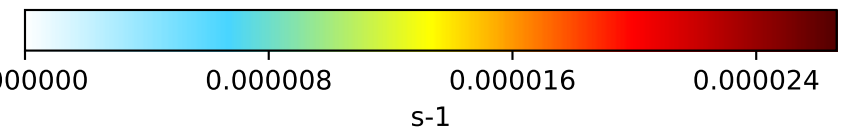


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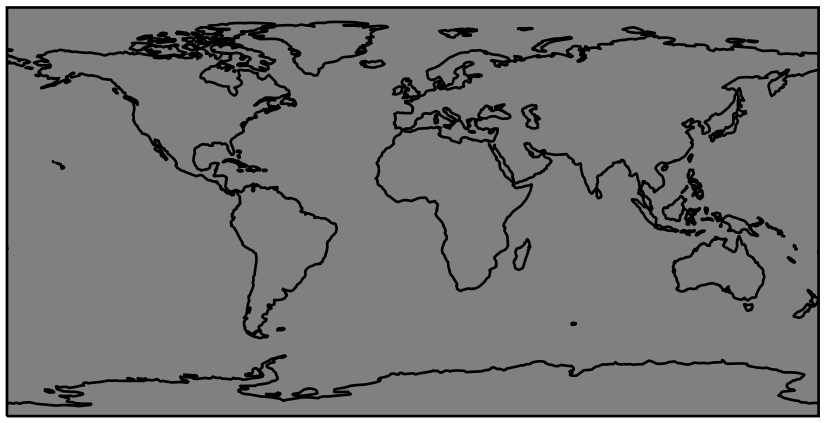
Jval_O3O1D (Jan2019)

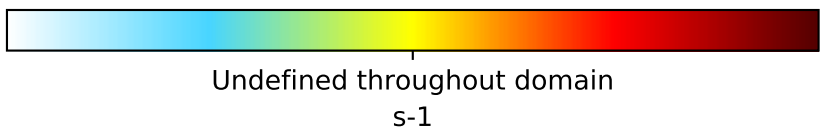
GCC_12.9.0 (Ref)
4.0x5.0



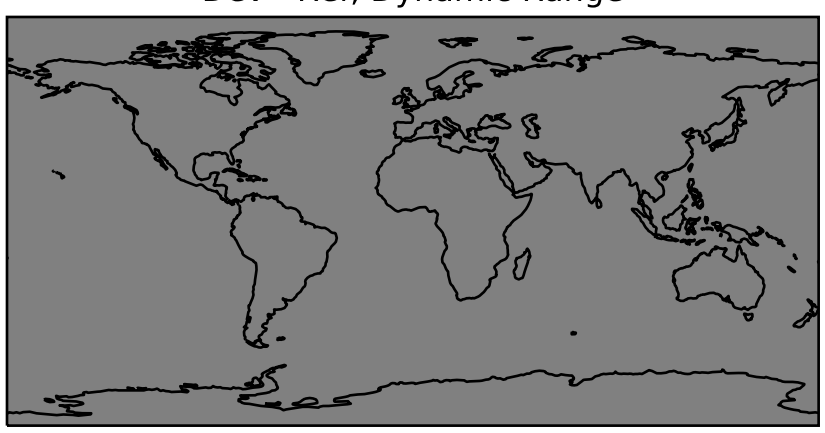


GCC_13.0.0-beta.1 (Dev)
4.0x5.0





Difference
Dev - Ref, Dynamic Range



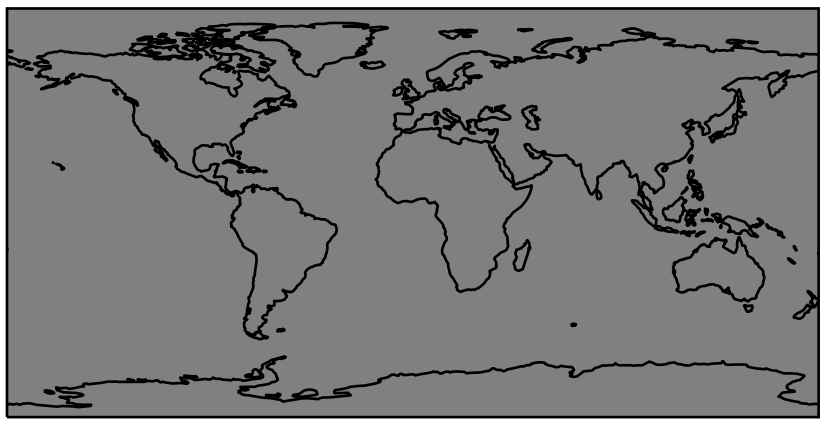


Difference
Dev - Ref, Restricted Range [5%,95%]



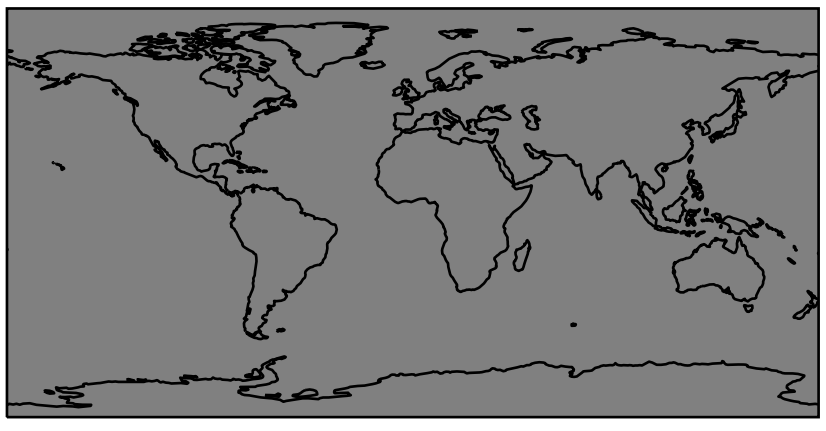


Ratio
Dev/Ref, Dynamic Range





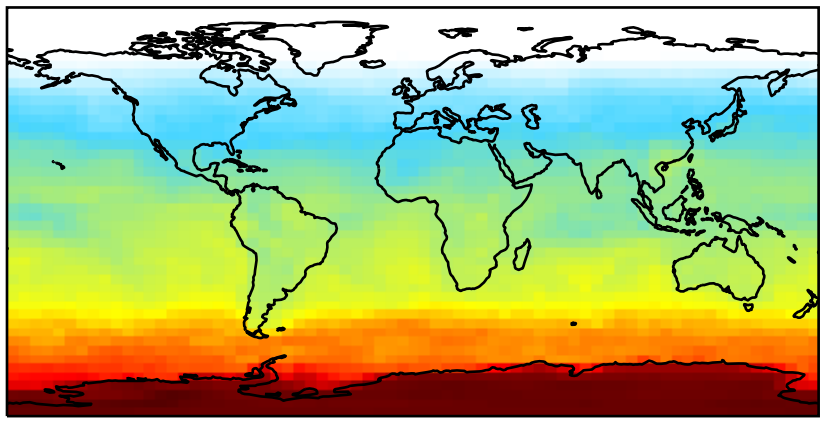
Ratio
Dev/Ref, Fixed Range

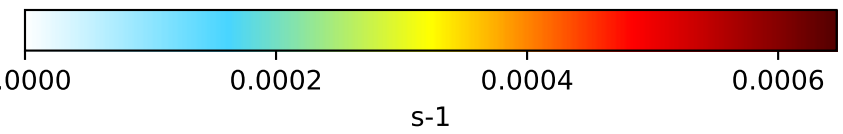




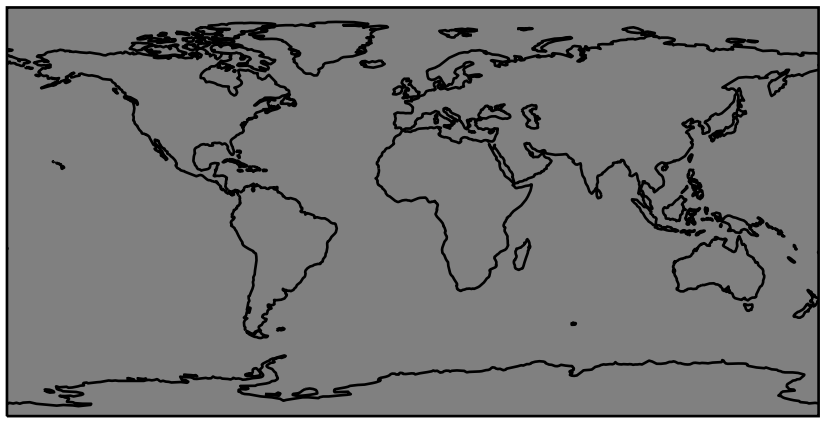
Jval_O3O3P (Jan2019)

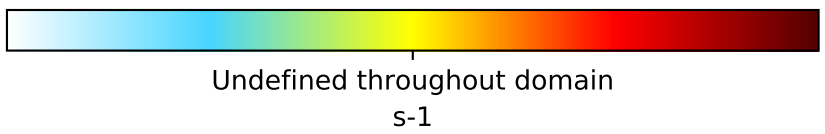
GCC_12.9.0 (Ref)
4.0x5.0



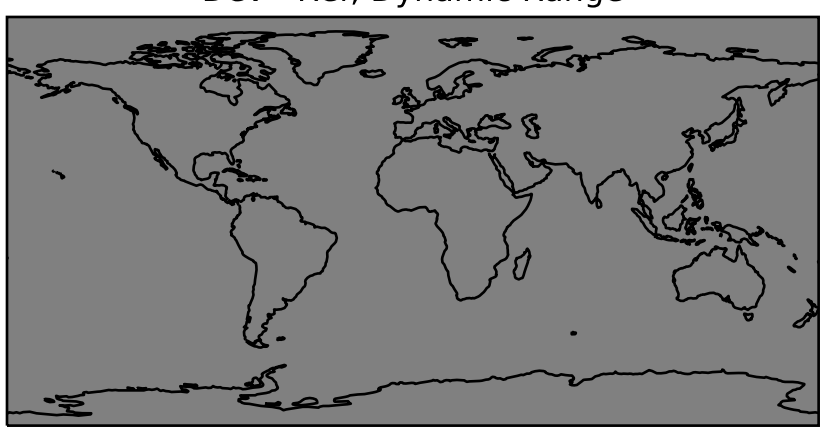


GCC_13.0.0-beta.1 (Dev)
4.0x5.0





Difference
Dev - Ref, Dynamic Range



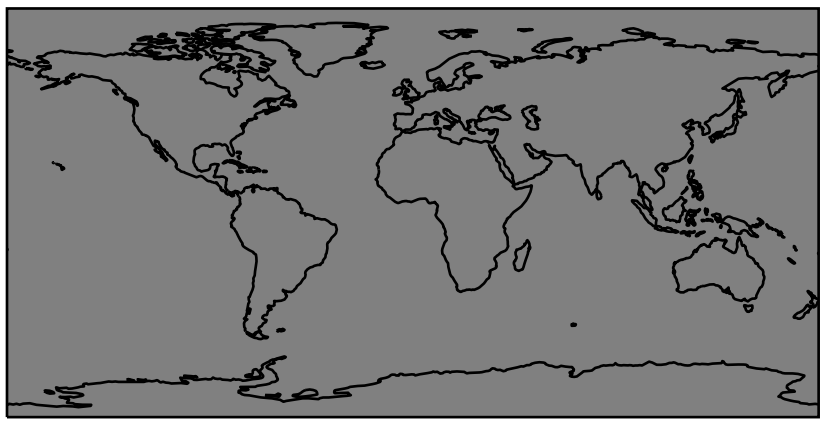


Difference
Dev - Ref, Restricted Range [5%,95%]



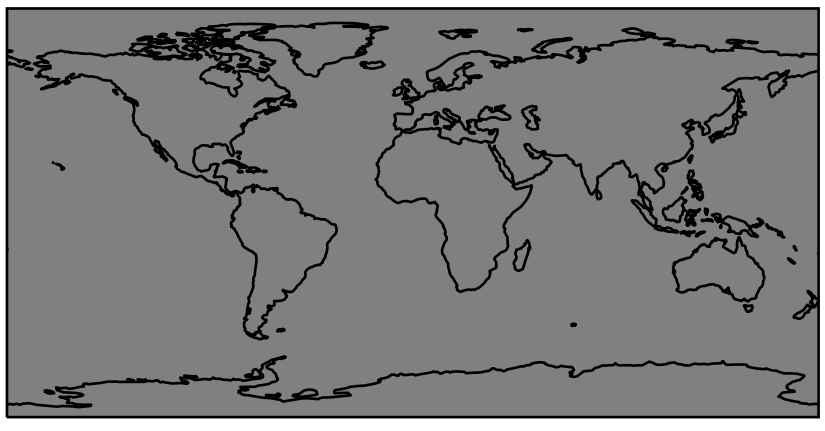


Ratio
Dev/Ref, Dynamic Range





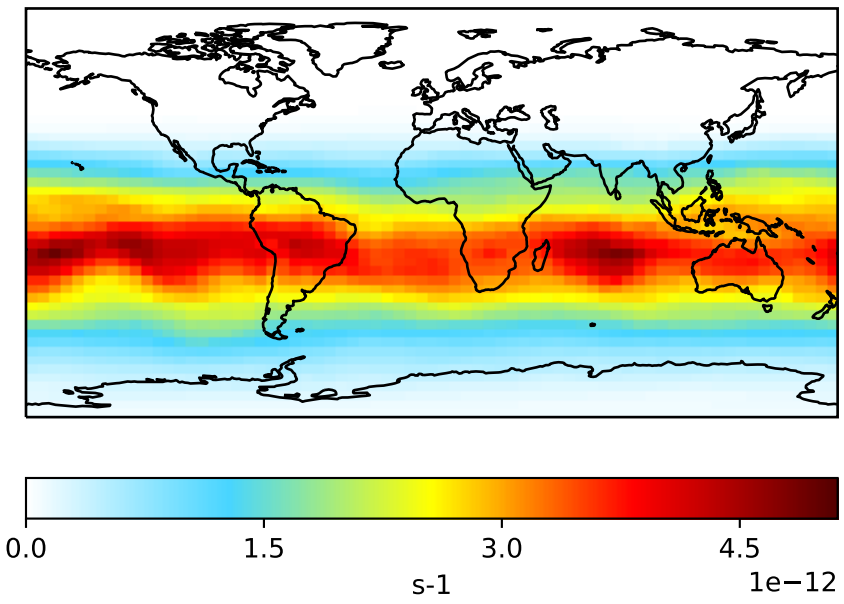
Ratio
Dev/Ref, Fixed Range



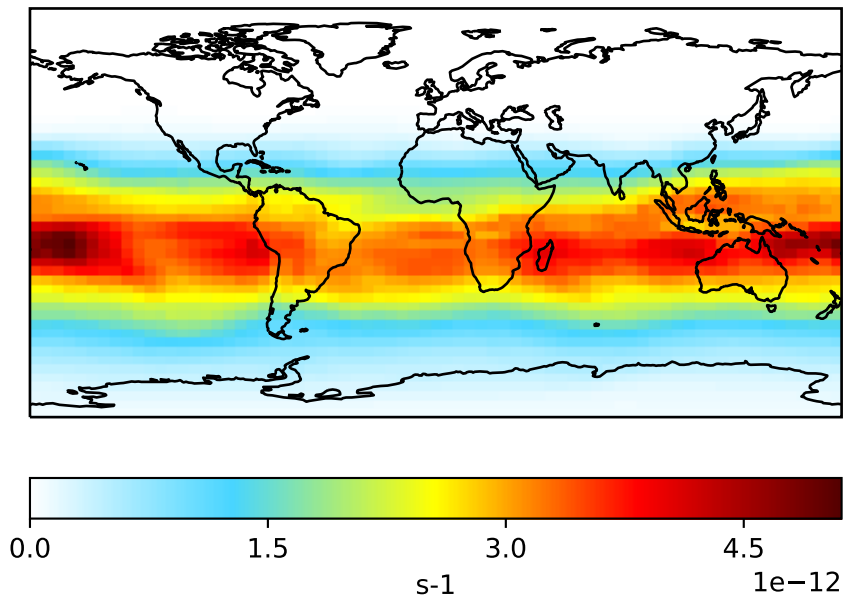


Jval_OCS (Jan2019)

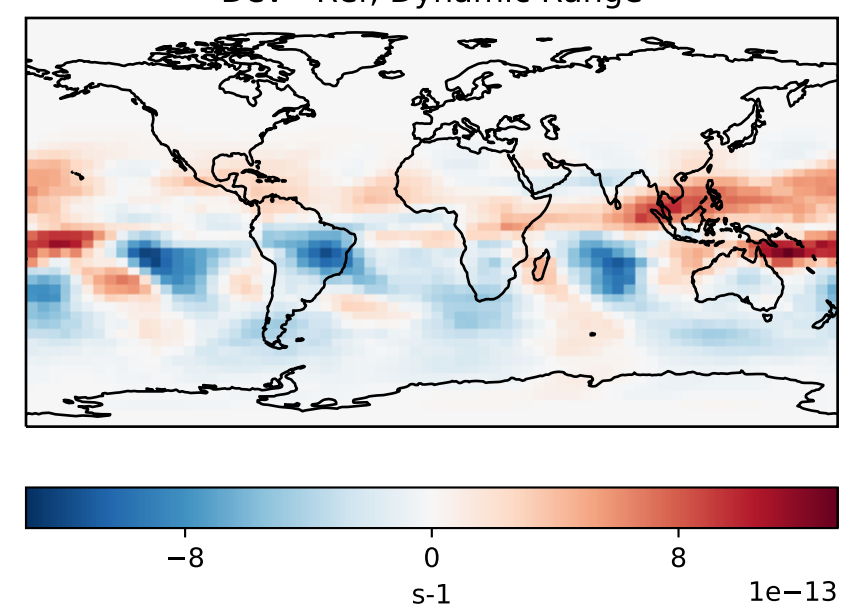
GCC_12.9.0 (Ref)
4.0x5.0



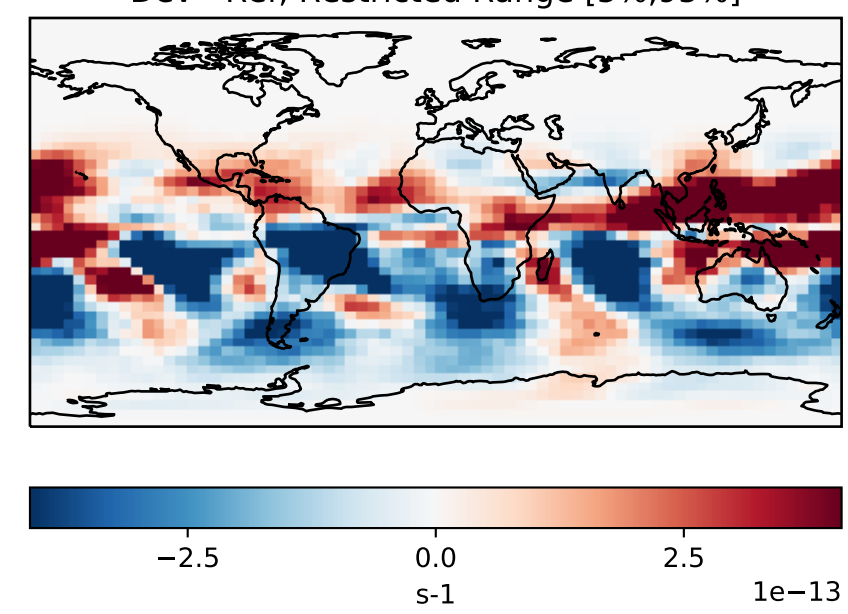
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



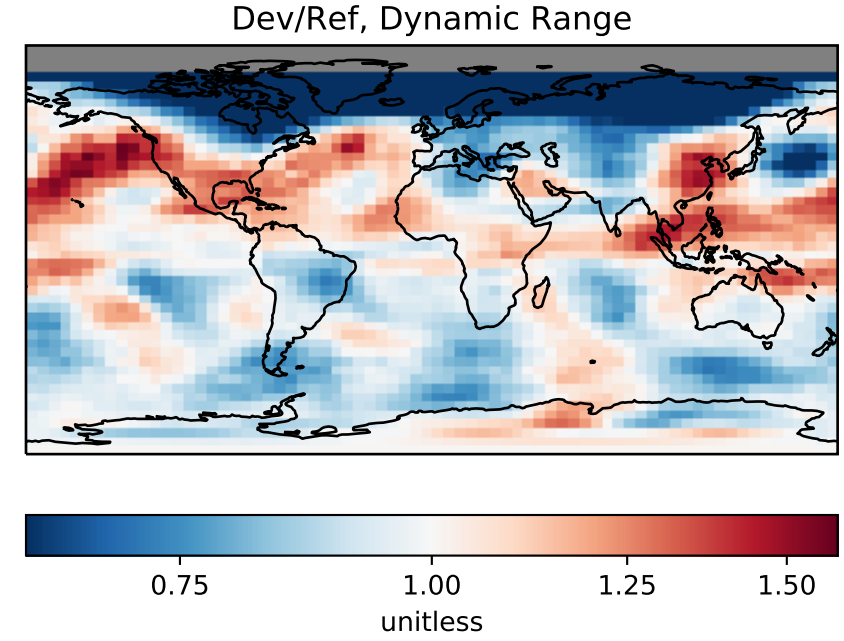
Difference
Dev - Ref, Dynamic Range



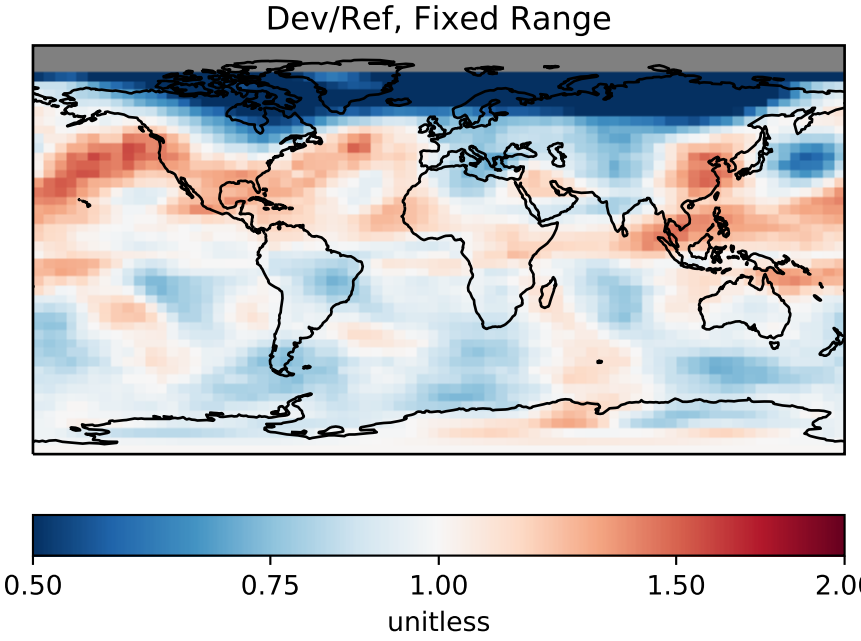
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

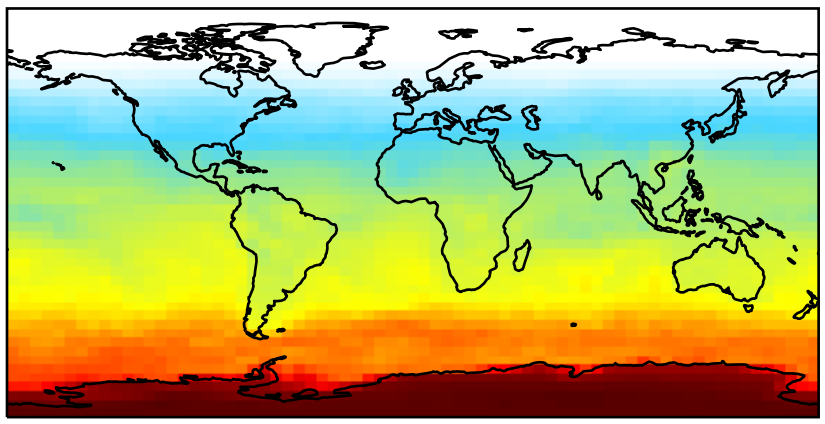


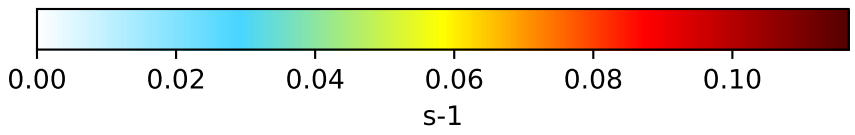
Ratio
Dev/Ref, Fixed Range



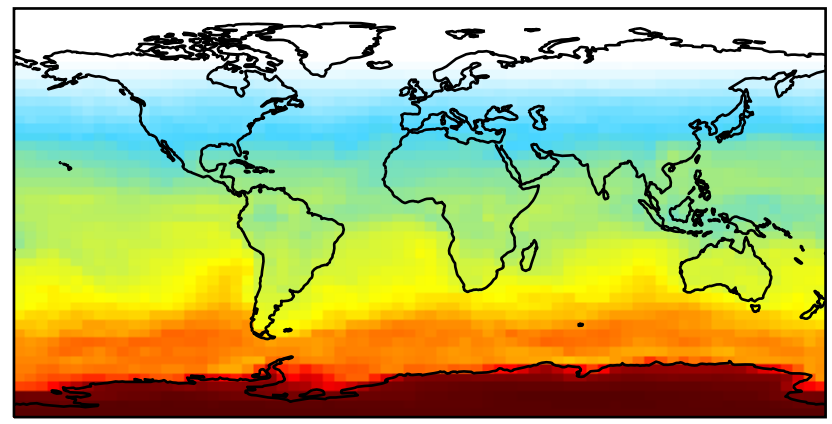
Jval_OClO (Jan2019)

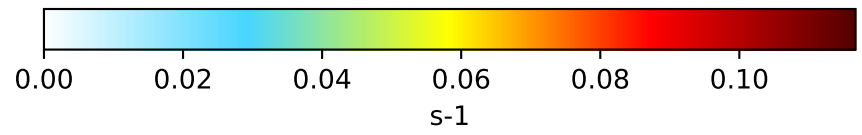
GCC_12.9.0 (Ref)
4.0x5.0



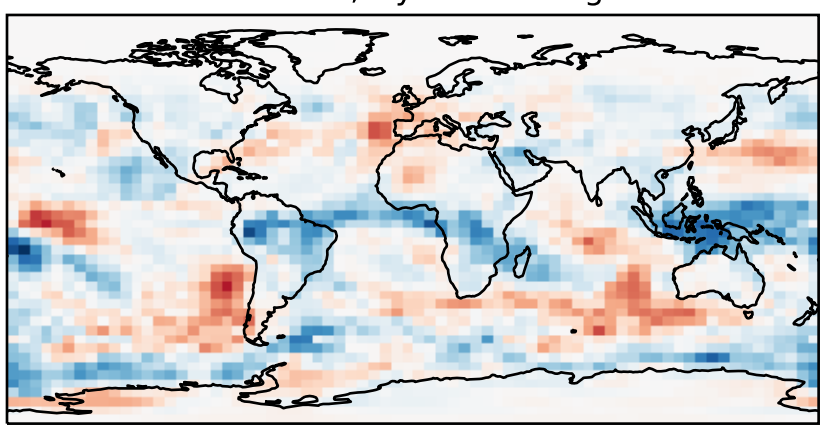


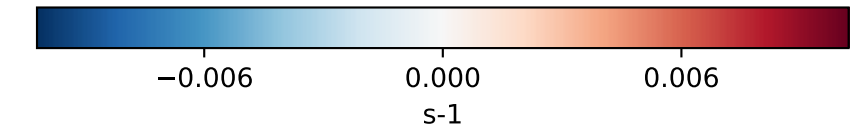
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



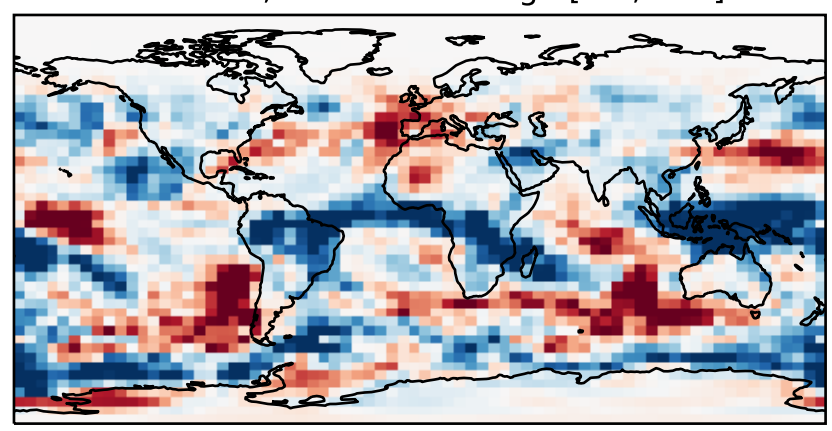


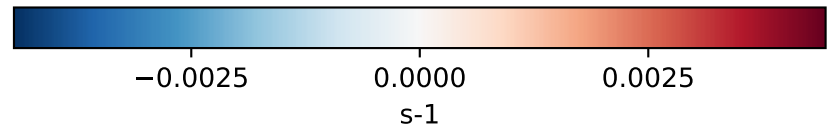
Difference
Dev - Ref, Dynamic Range



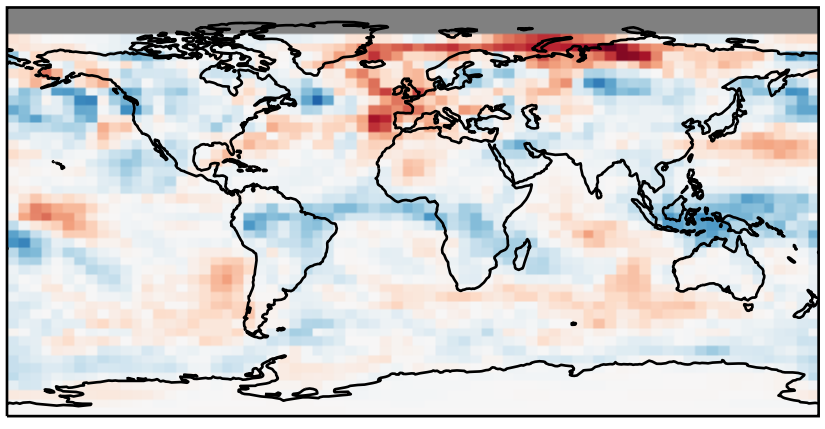


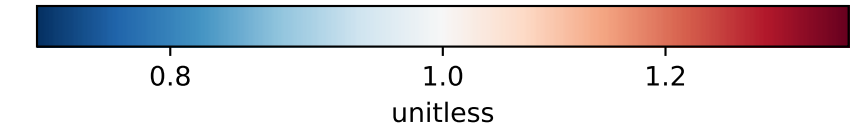
Difference
Dev - Ref, Restricted Range [5%,95%]



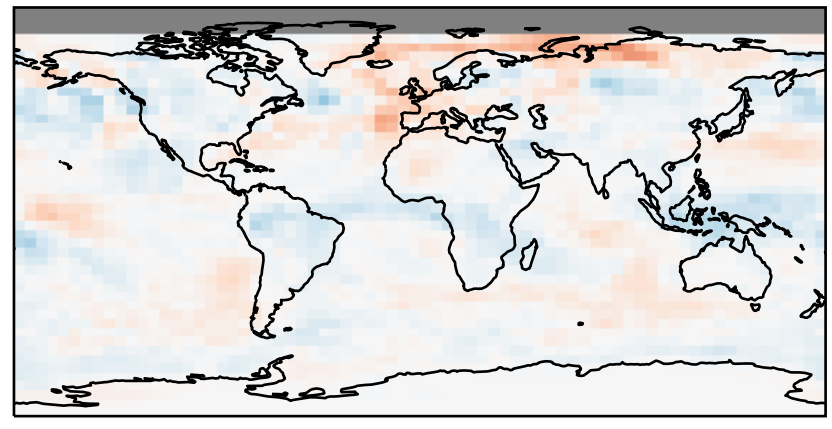


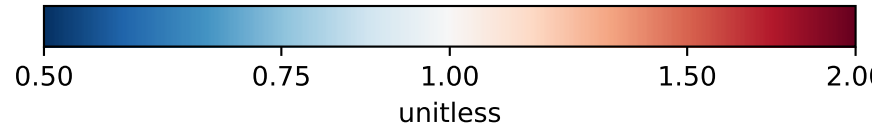
Ratio
Dev/Ref, Dynamic Range





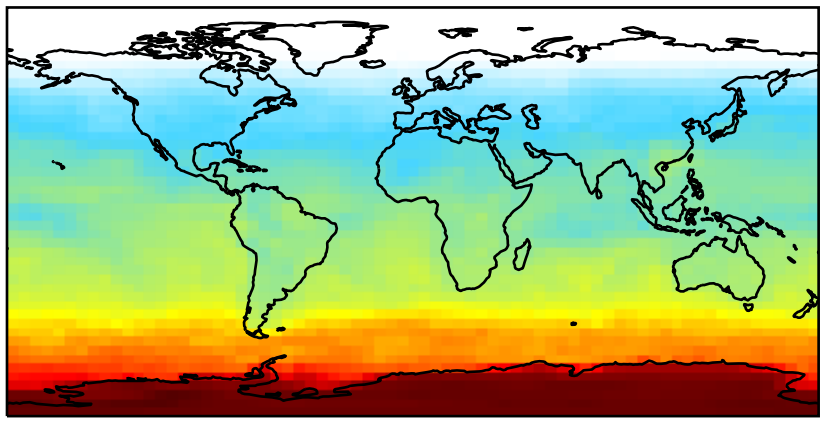
Ratio
Dev/Ref, Fixed Range

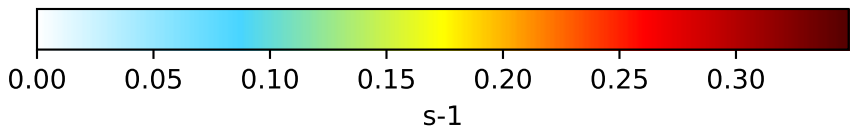




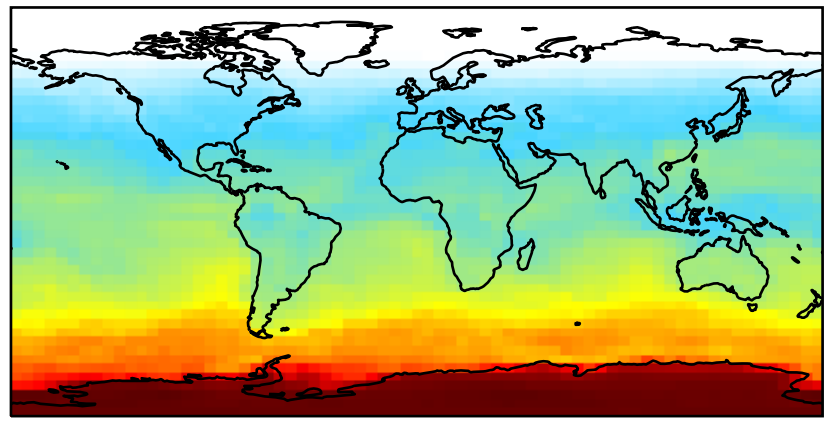
Jval_OIO (Jan2019)

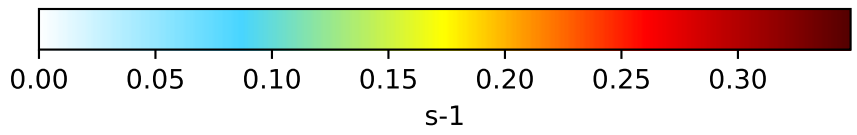
GCC_12.9.0 (Ref)
4.0x5.0



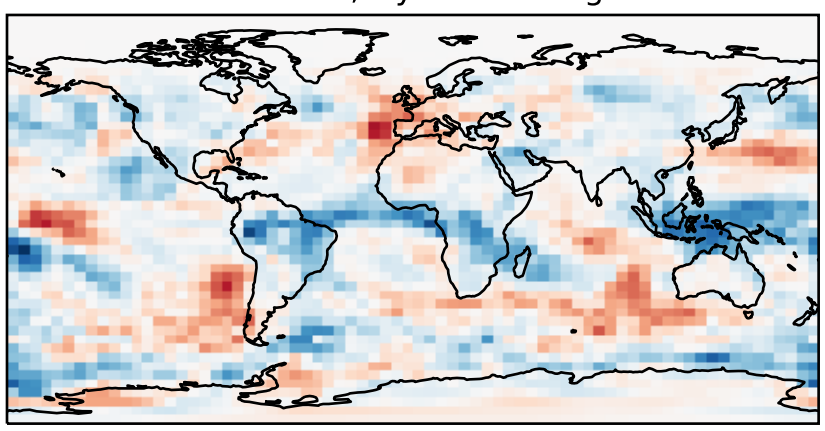


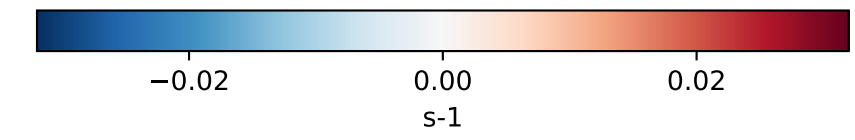
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



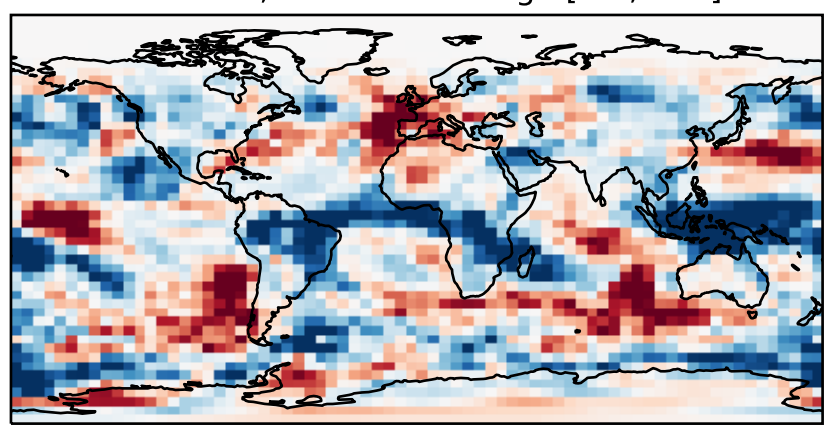


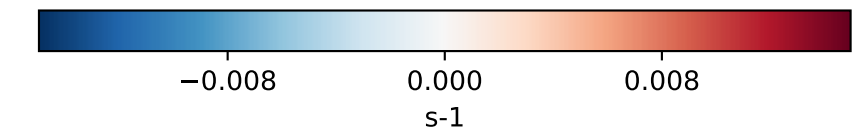
Difference
Dev - Ref, Dynamic Range



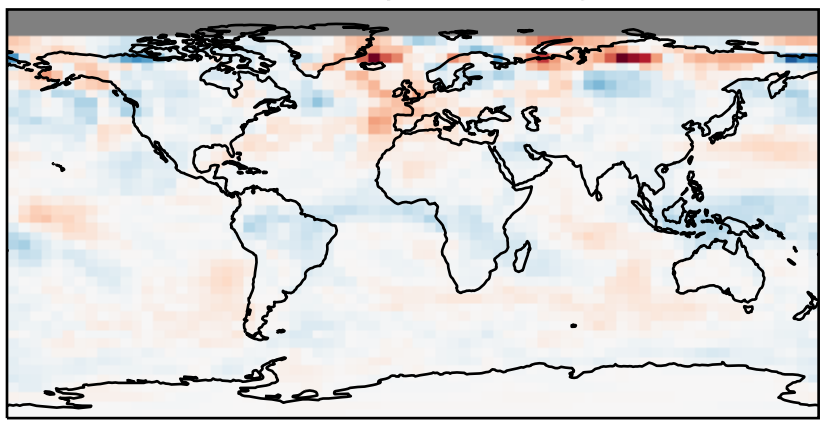


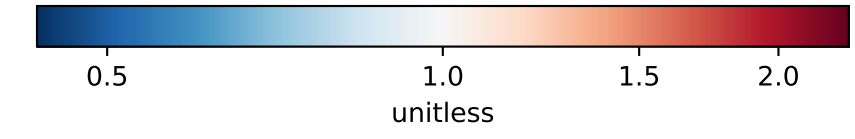
Difference
Dev - Ref, Restricted Range [5%,95%]



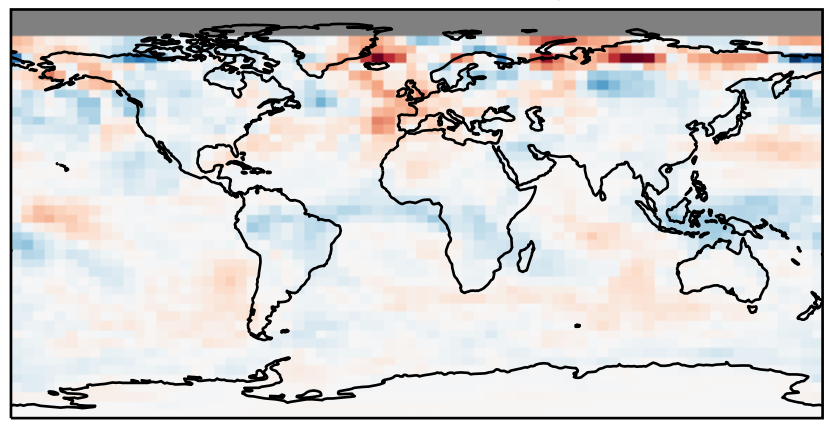


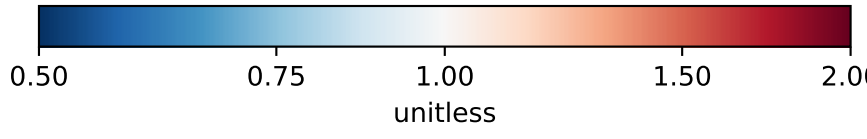
Ratio
Dev/Ref, Dynamic Range





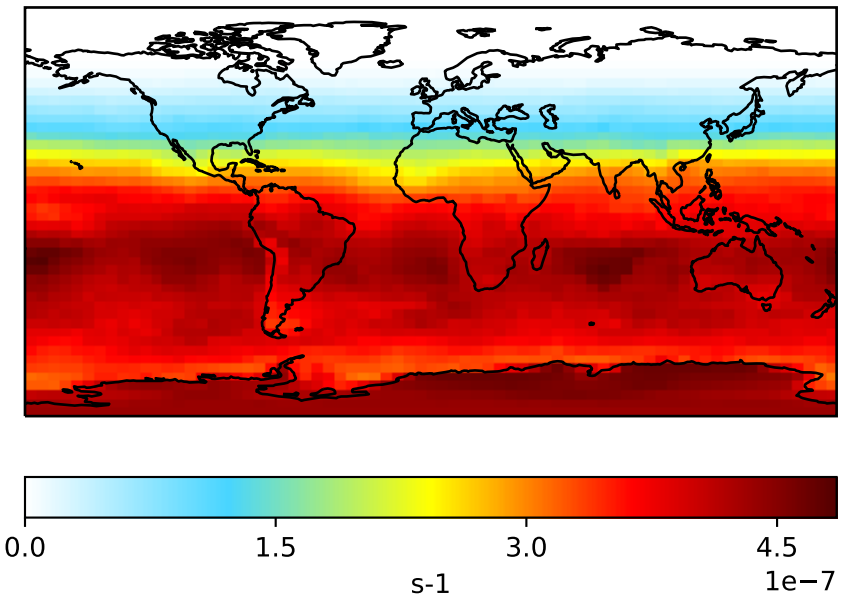
Ratio
Dev/Ref, Fixed Range



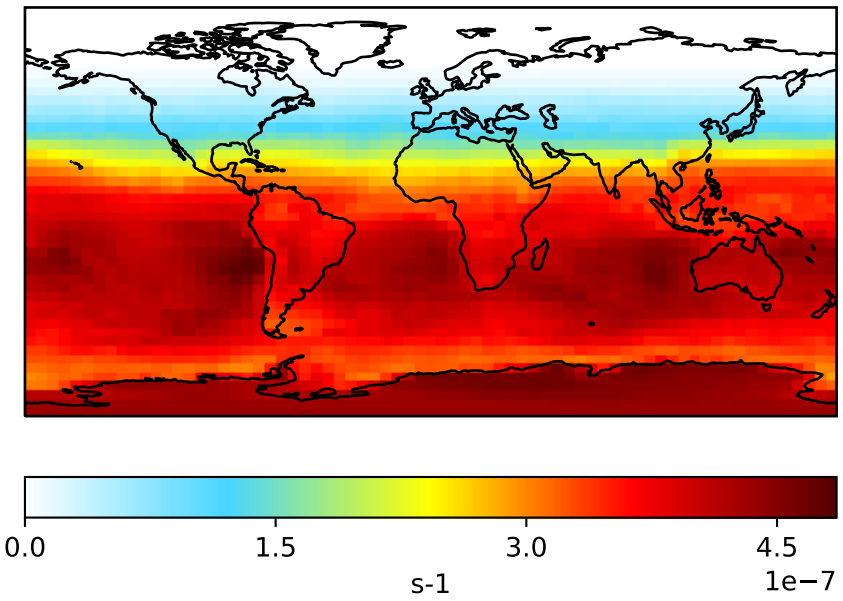


Jval_PAN (Jan2019)

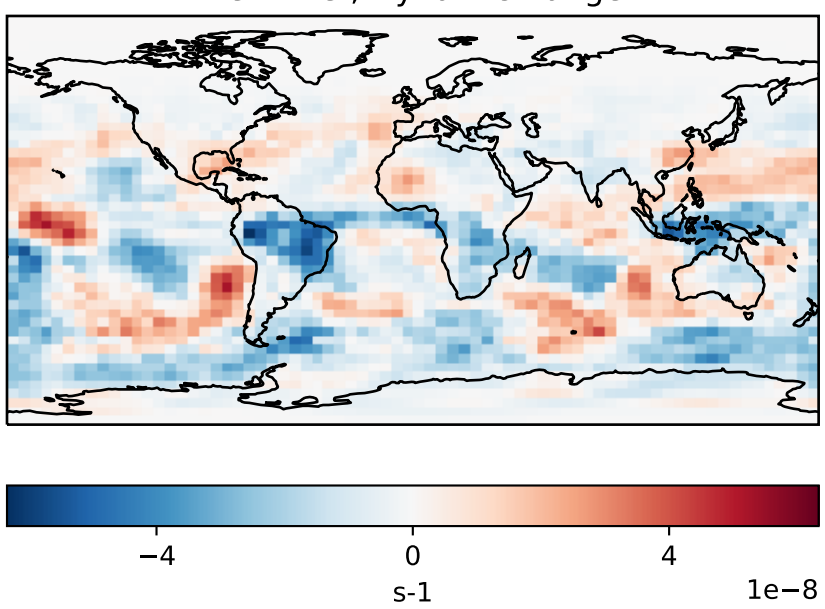
GCC_12.9.0 (Ref)
4.0x5.0



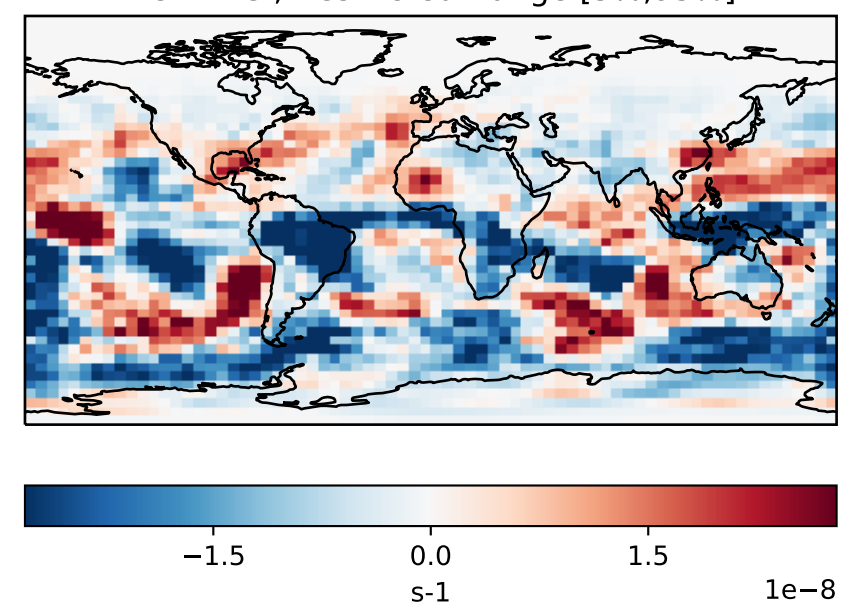
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



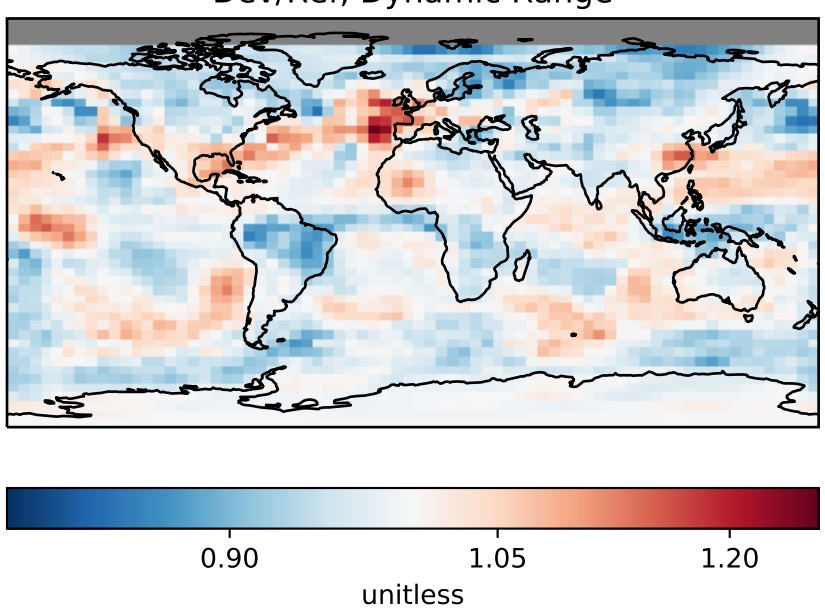
Difference
Dev - Ref, Dynamic Range



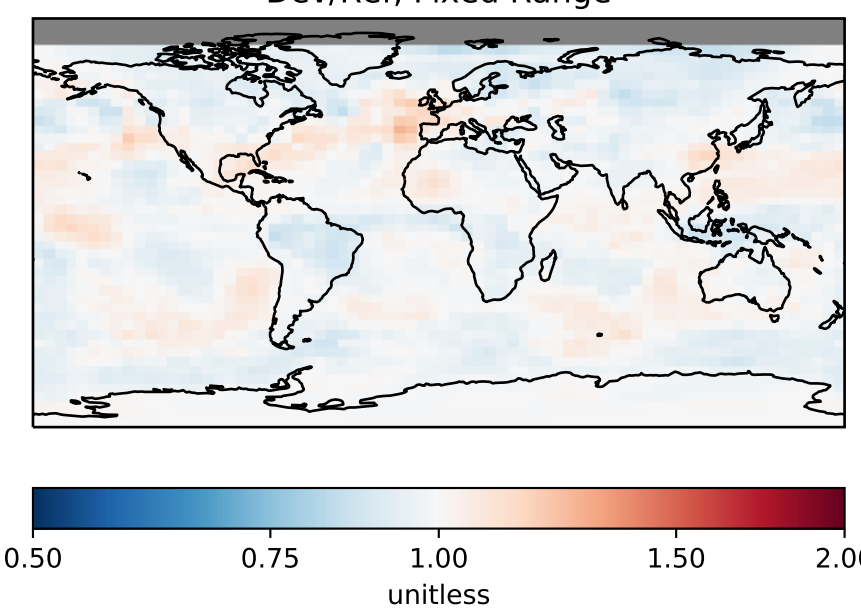
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

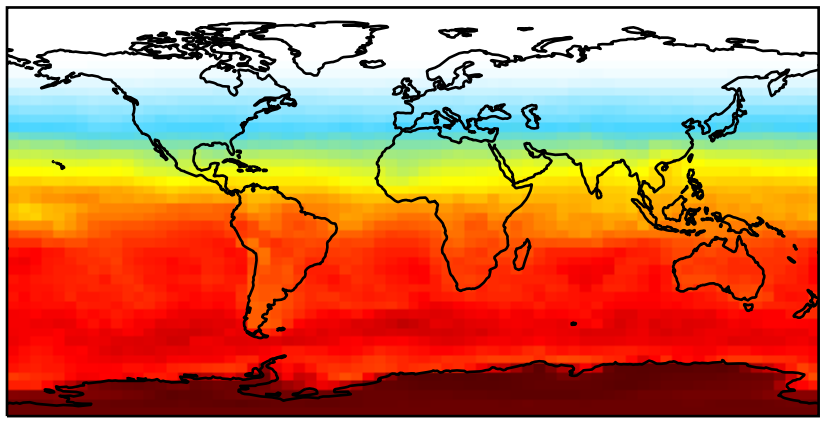


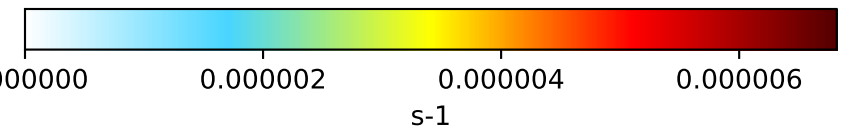
Ratio
Dev/Ref, Fixed Range



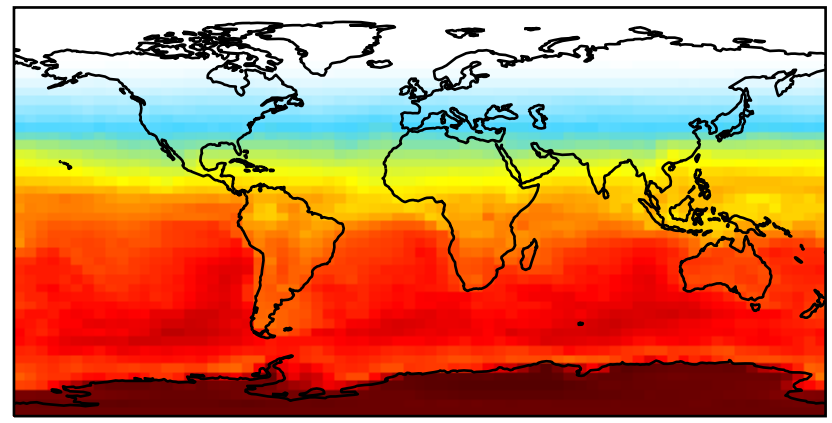
Jval_PIP (Jan2019)

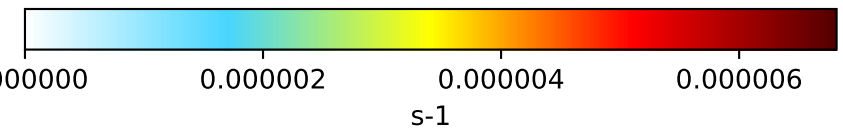
GCC_12.9.0 (Ref)
4.0x5.0



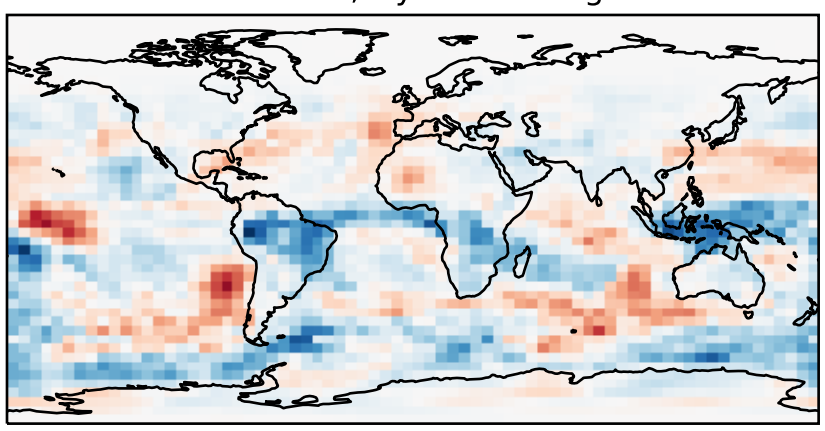


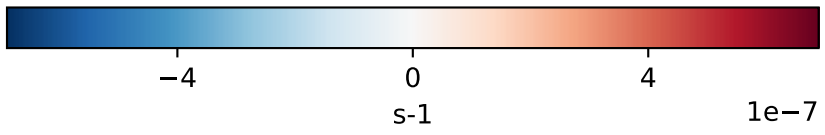
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



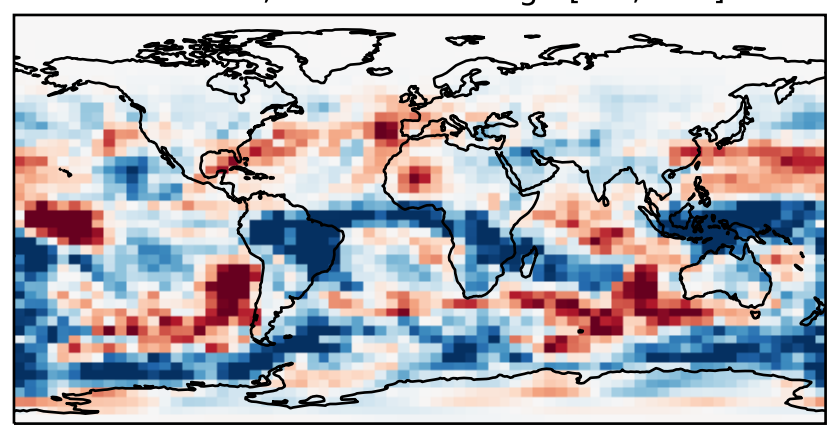


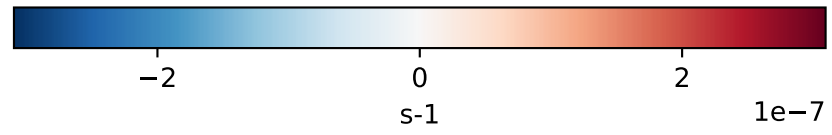
Difference
Dev - Ref, Dynamic Range



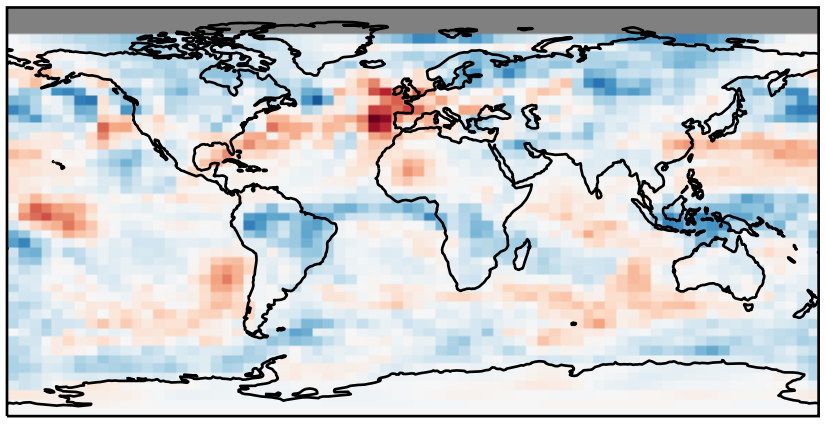


Difference
Dev - Ref, Restricted Range [5%,95%]



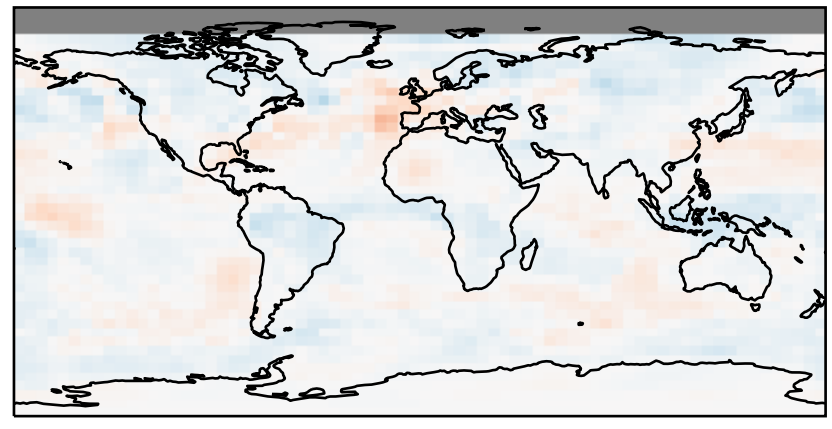


Ratio
Dev/Ref, Dynamic Range





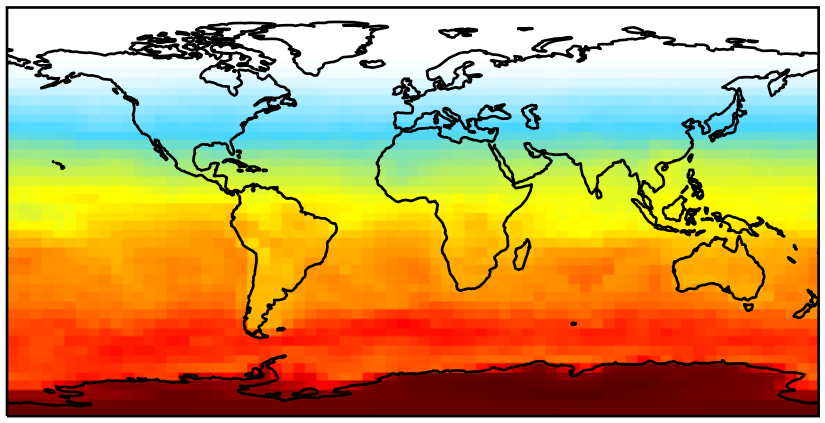
Ratio
Dev/Ref, Fixed Range

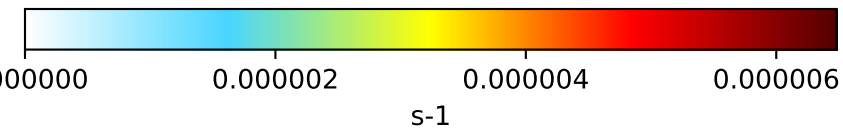




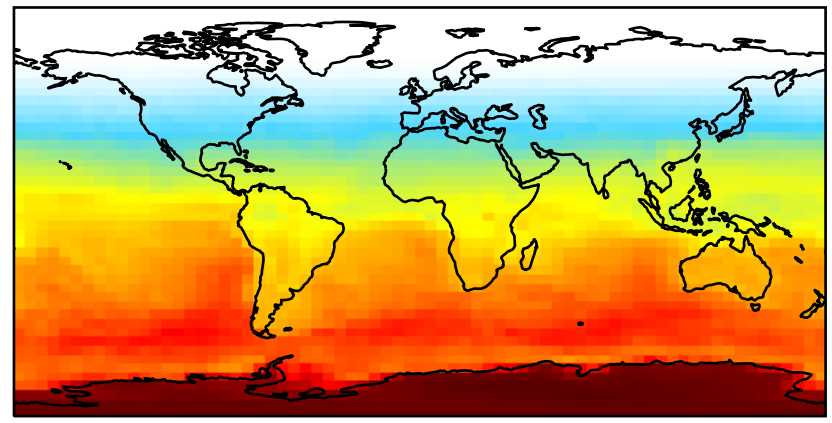
Jval_PP (Jan2019)

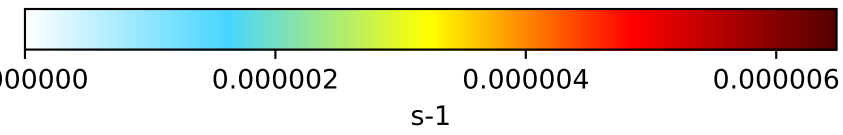
GCC_12.9.0 (Ref)
4.0x5.0



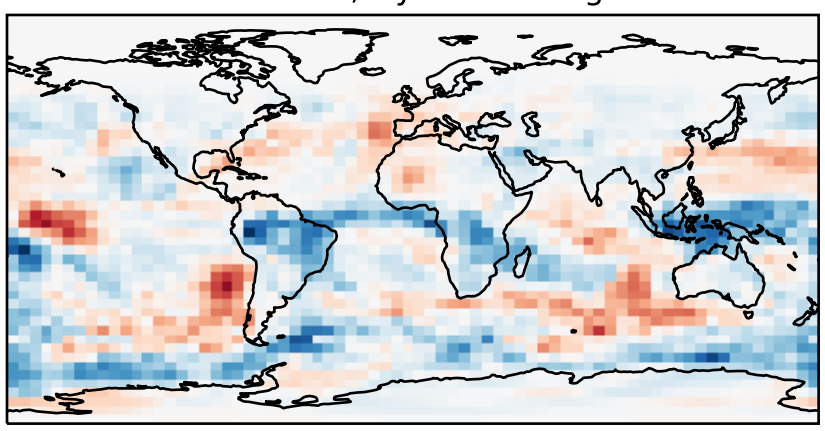


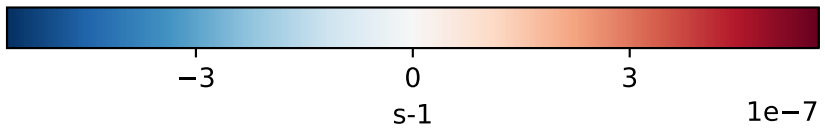
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



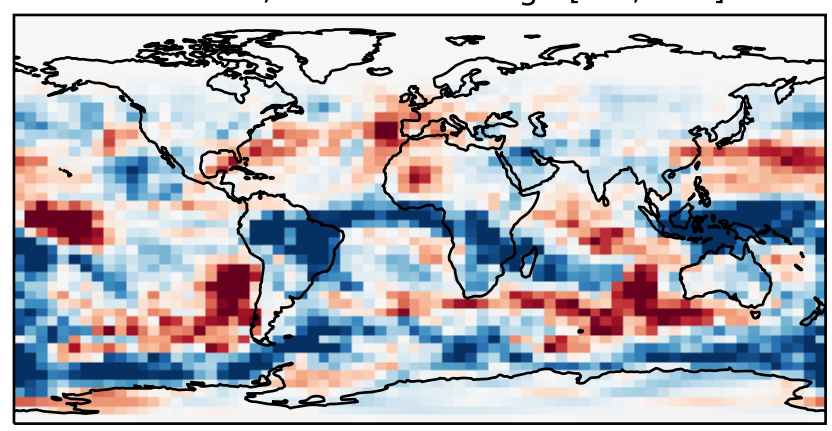


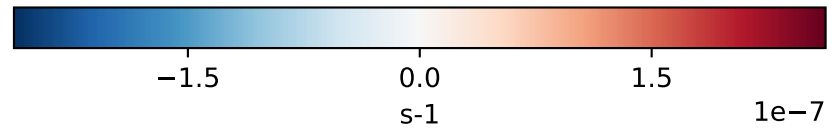
Difference
Dev - Ref, Dynamic Range



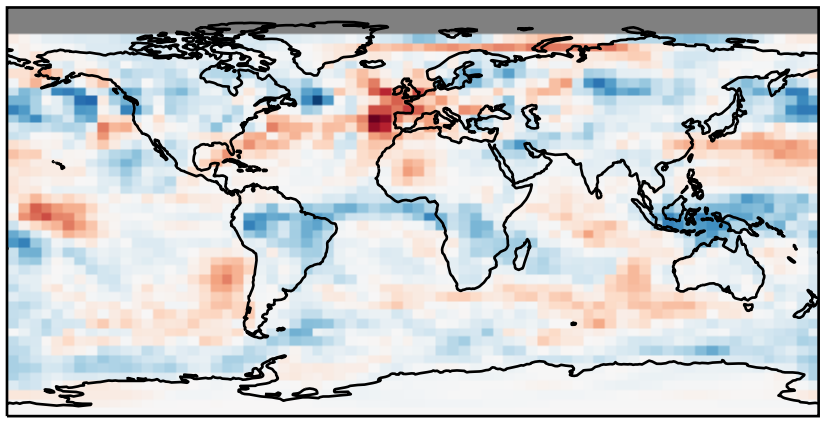


Difference
Dev - Ref, Restricted Range [5%,95%]



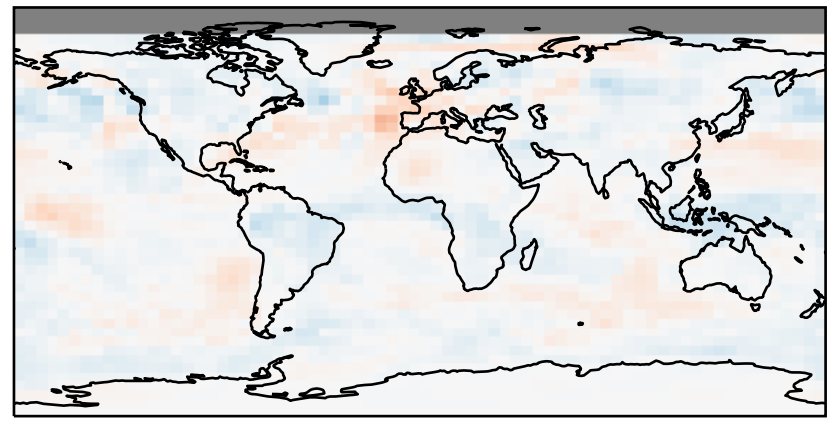


Ratio
Dev/Ref, Dynamic Range





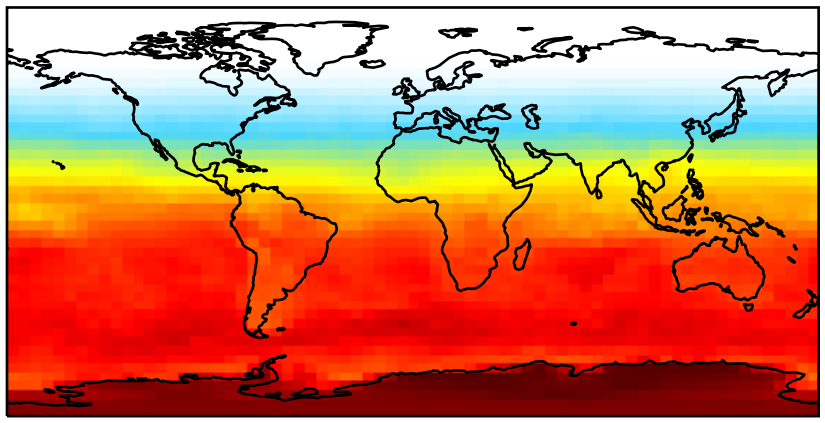
Ratio
Dev/Ref, Fixed Range

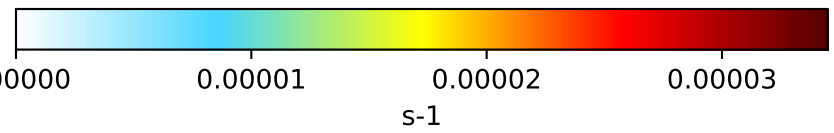




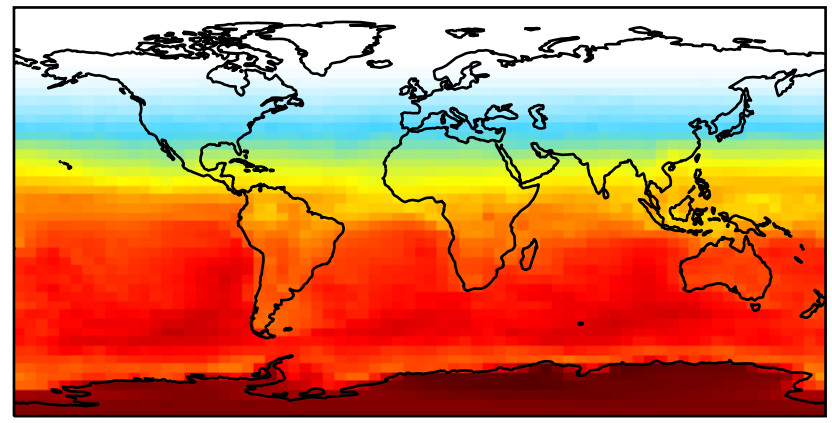
Jval_PROPNN (Jan2019)

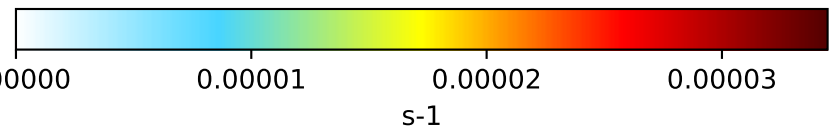
GCC_12.9.0 (Ref)
4.0x5.0



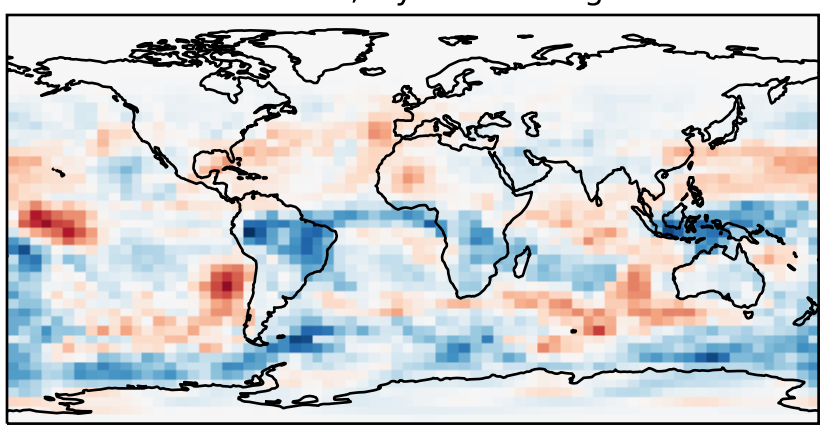


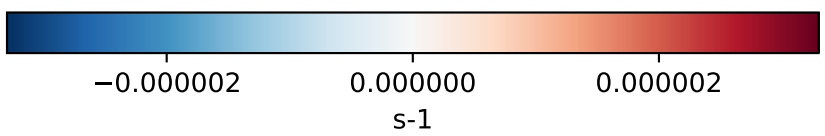
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



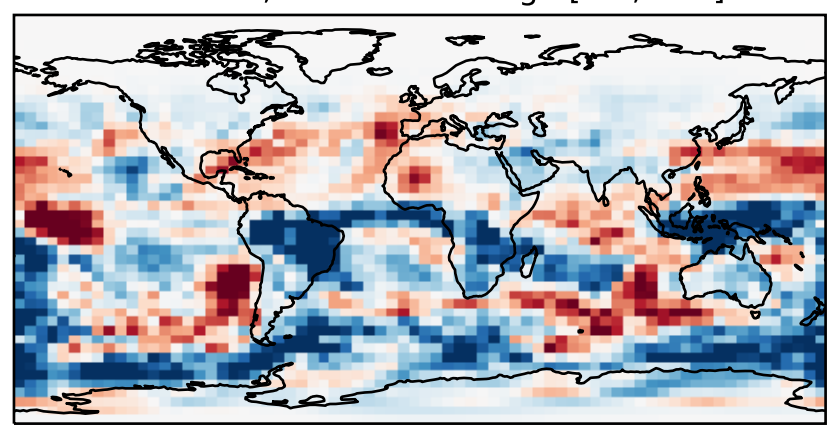


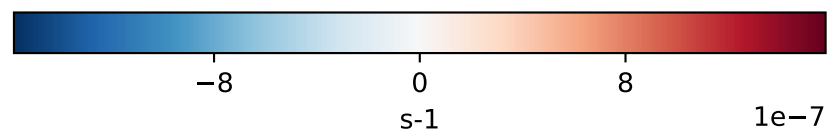
Difference
Dev - Ref, Dynamic Range



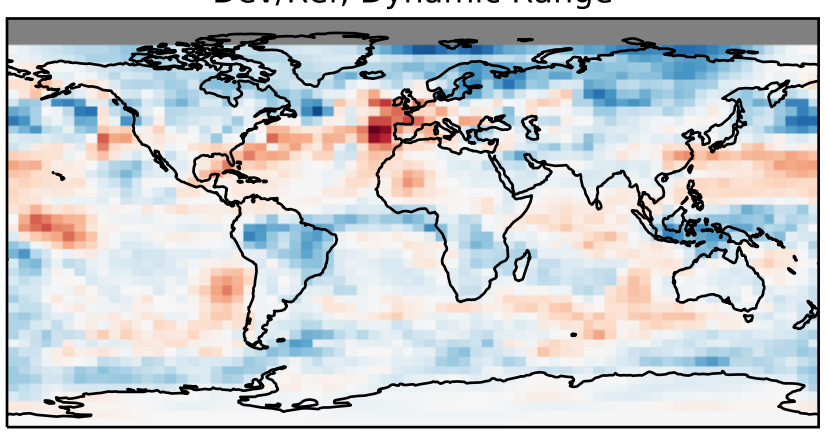


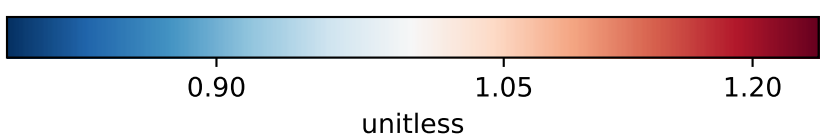
Difference
Dev - Ref, Restricted Range [5%,95%]



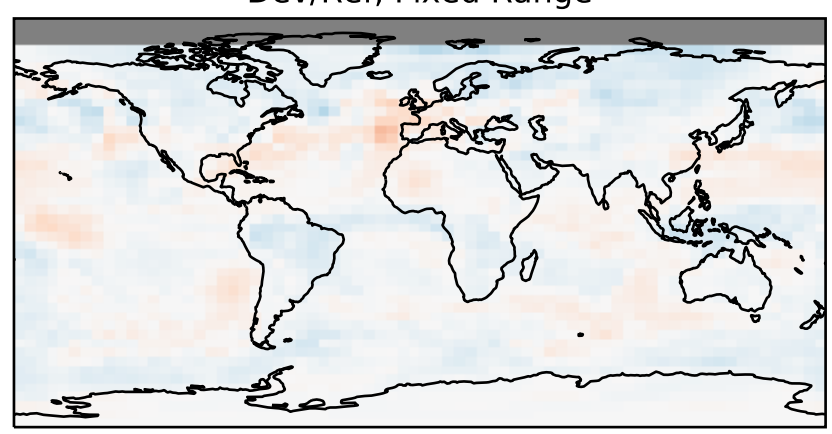


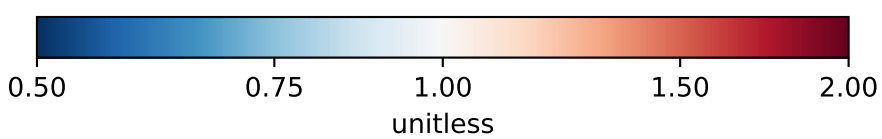
Ratio
Dev/Ref, Dynamic Range





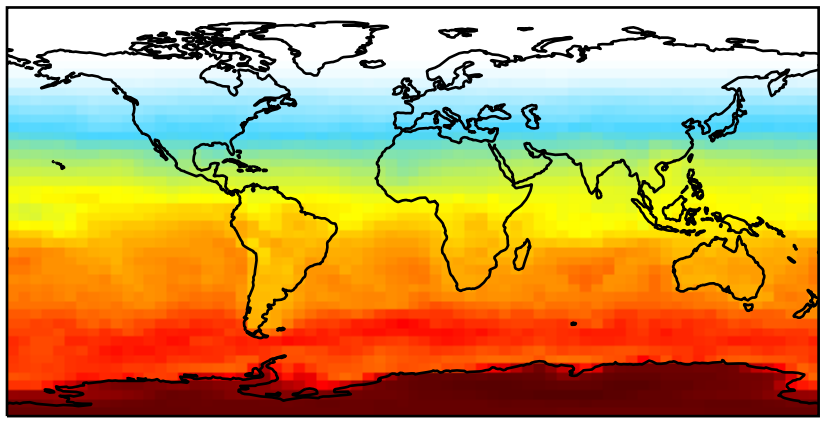
Ratio
Dev/Ref, Fixed Range

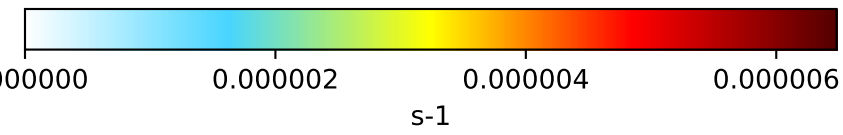




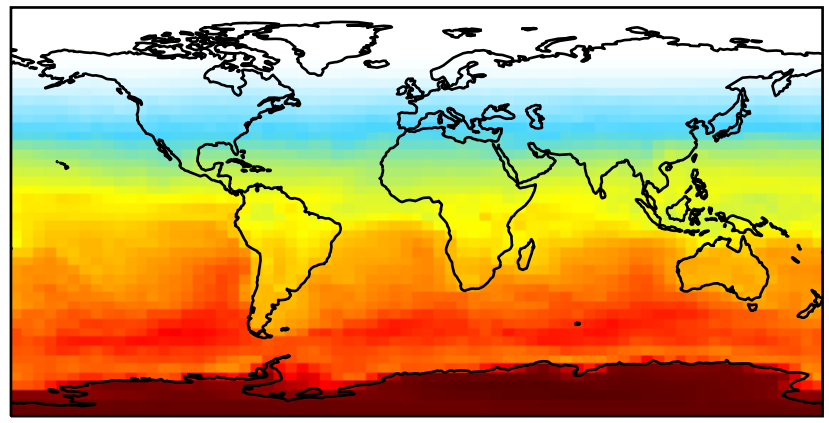
Jval_PRPN (Jan2019)

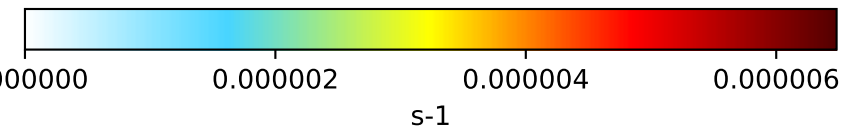
GCC_12.9.0 (Ref)
4.0x5.0



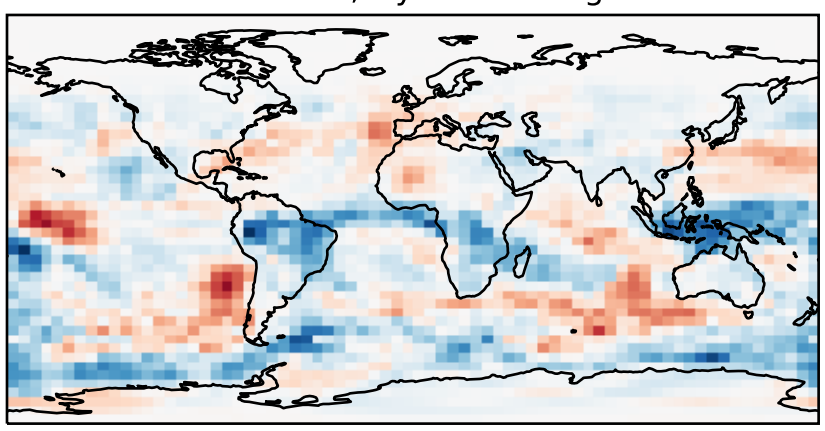


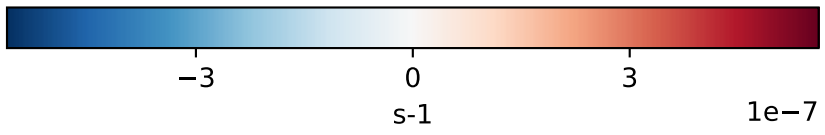
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



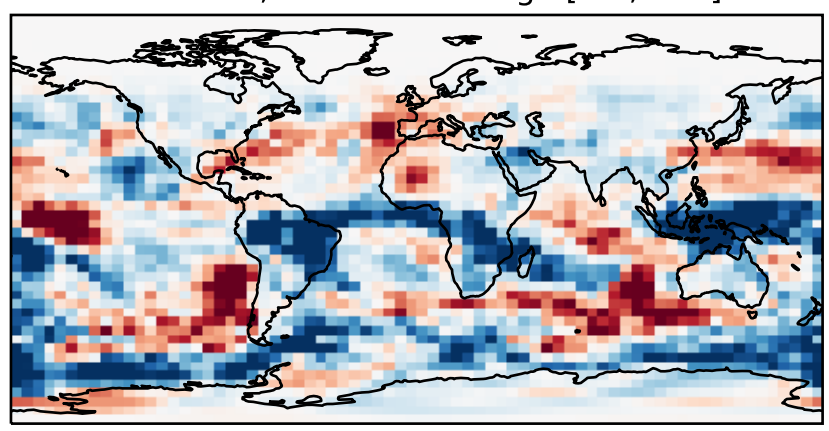


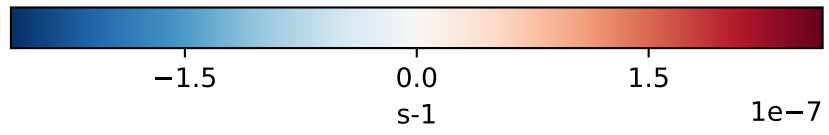
Difference
Dev - Ref, Dynamic Range



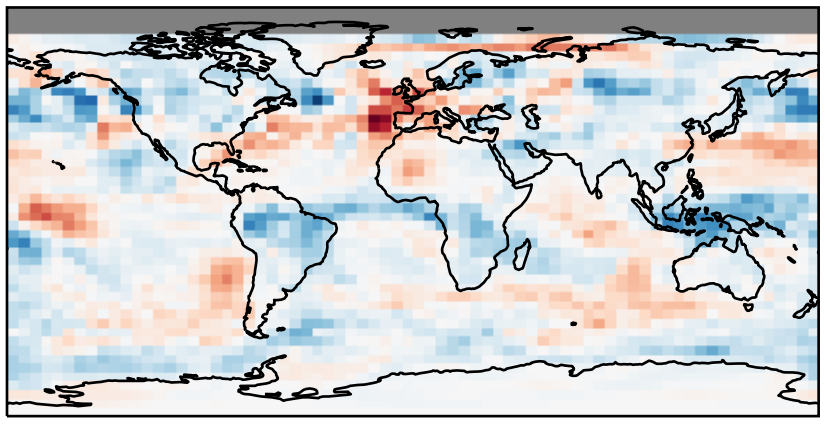


Difference
Dev - Ref, Restricted Range [5%,95%]



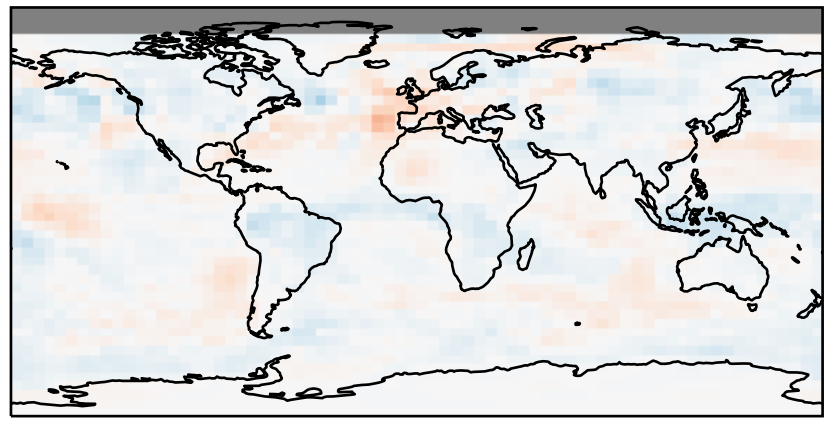


Ratio
Dev/Ref, Dynamic Range





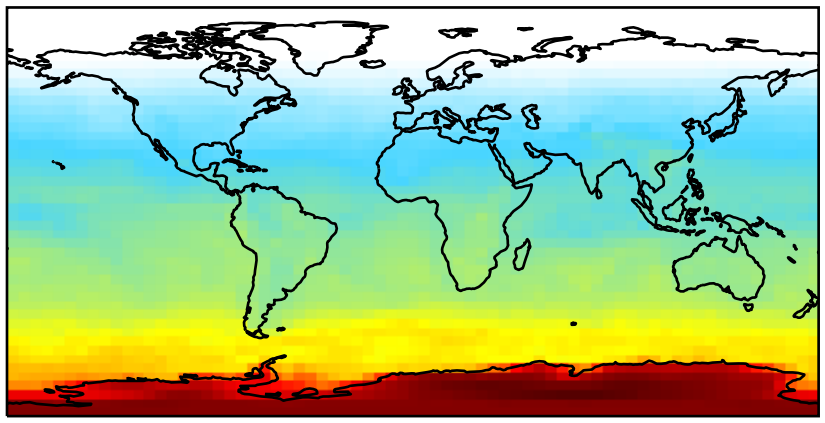
Ratio
Dev/Ref, Fixed Range

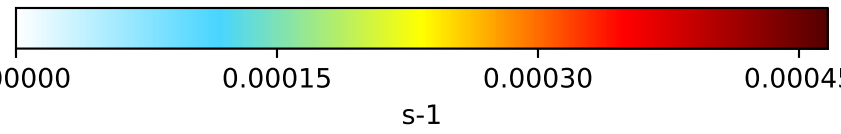




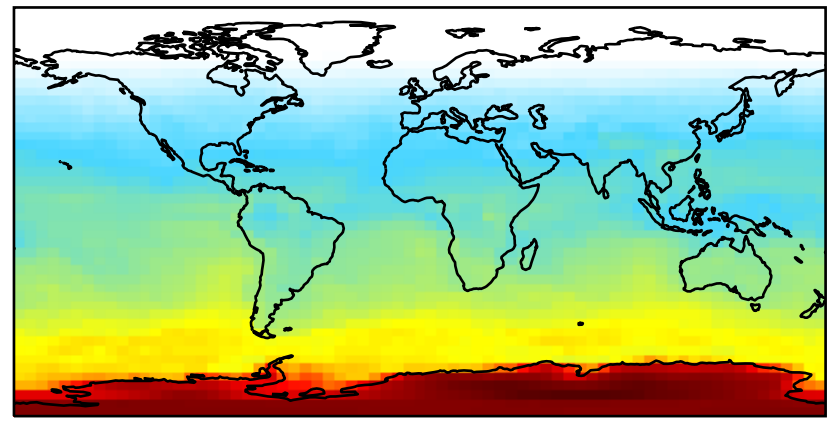
Jval_PYAC (Jan2019)

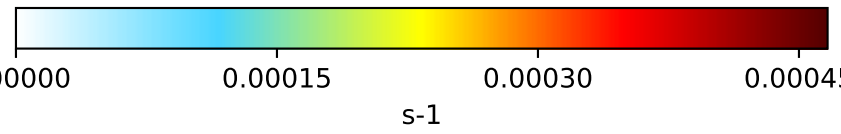
GCC_12.9.0 (Ref)
4.0x5.0



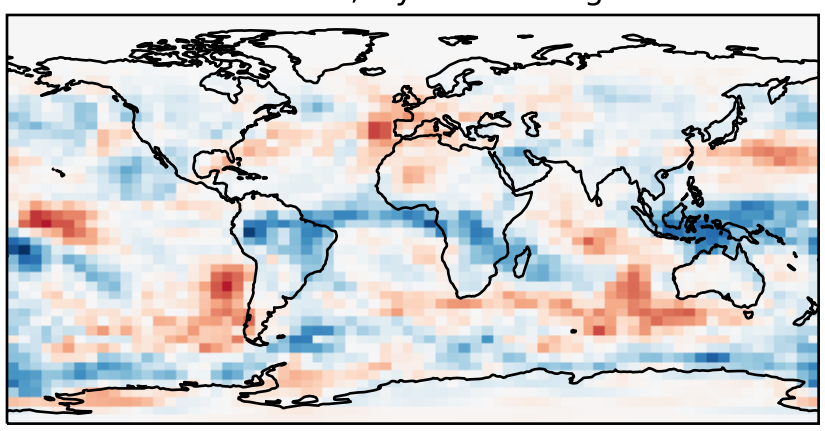


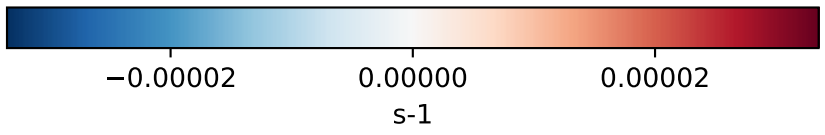
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



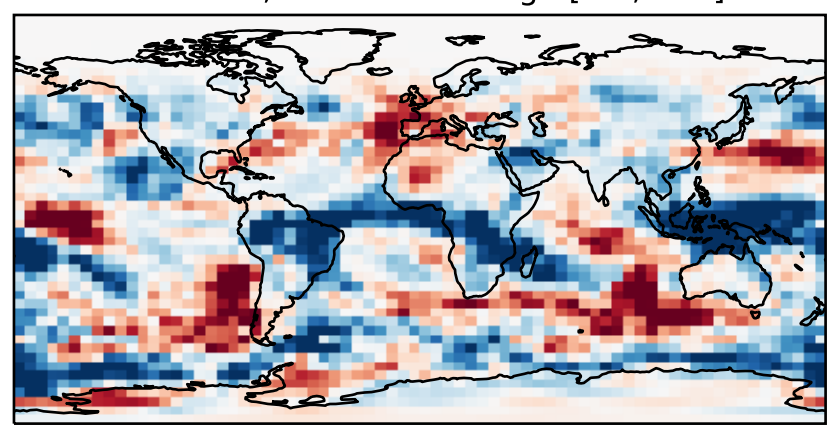


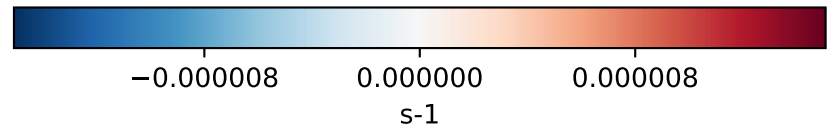
Difference
Dev - Ref, Dynamic Range



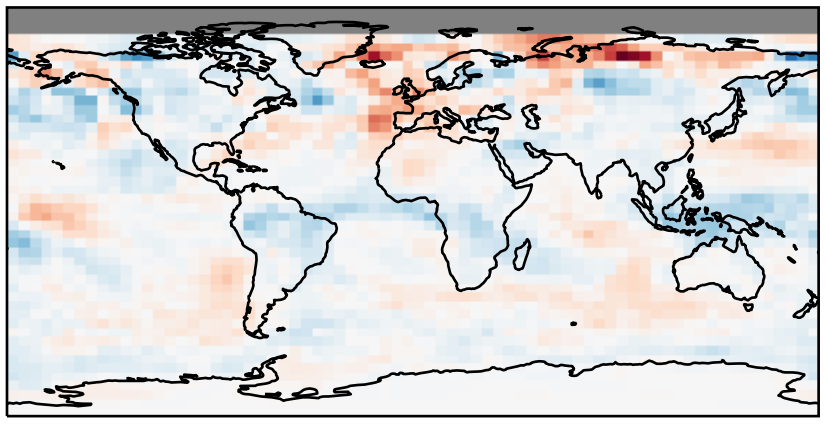


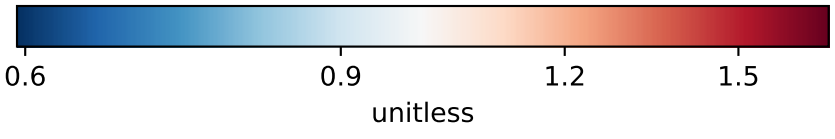
Difference
Dev - Ref, Restricted Range [5%,95%]



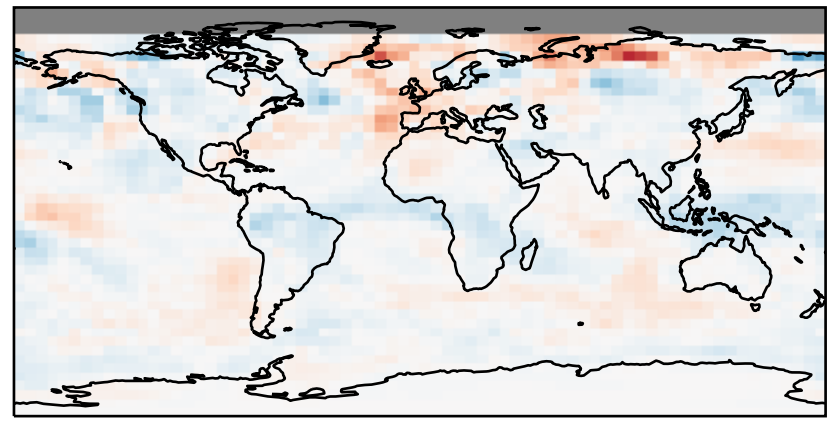


Ratio
Dev/Ref, Dynamic Range





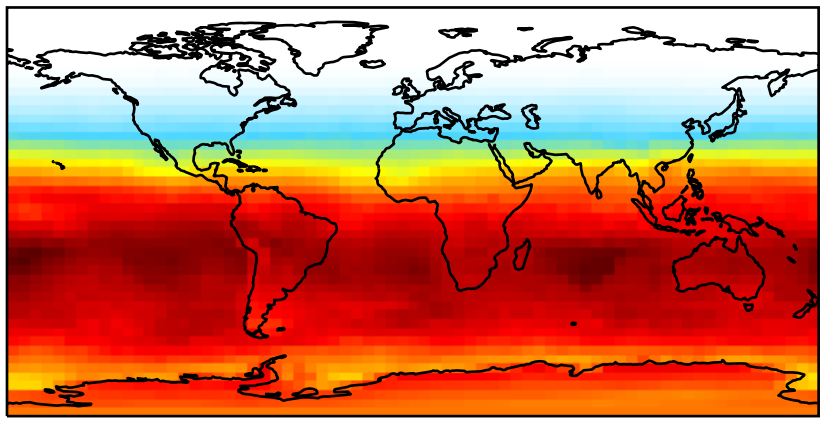
Ratio
Dev/Ref, Fixed Range

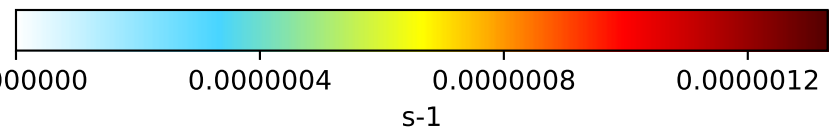




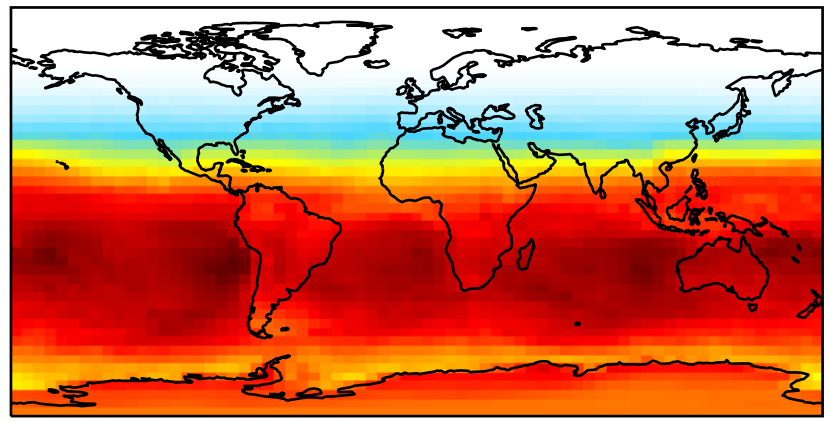
Jval_R4N2 (Jan2019)

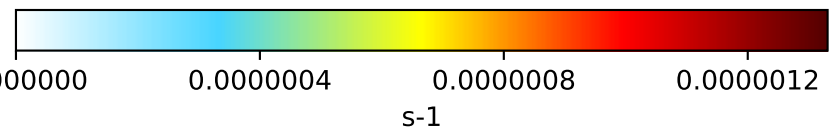
GCC_12.9.0 (Ref)
4.0x5.0



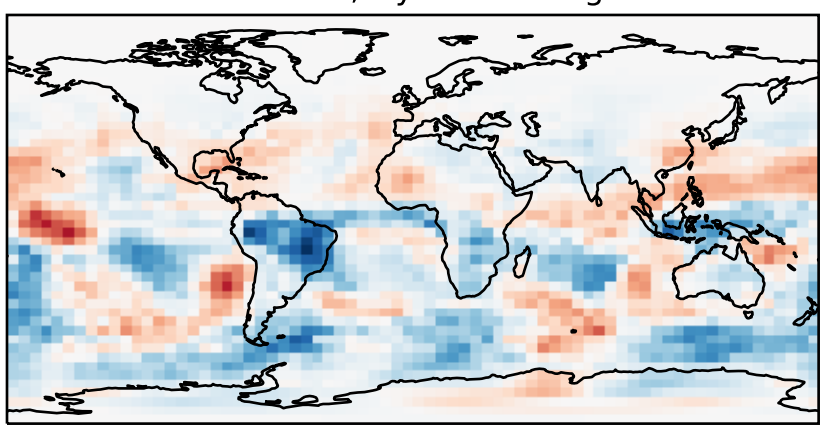


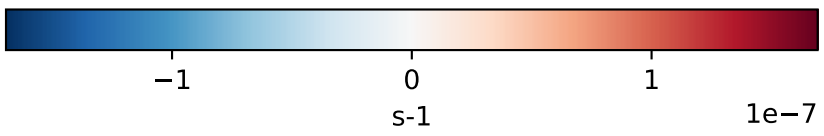
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



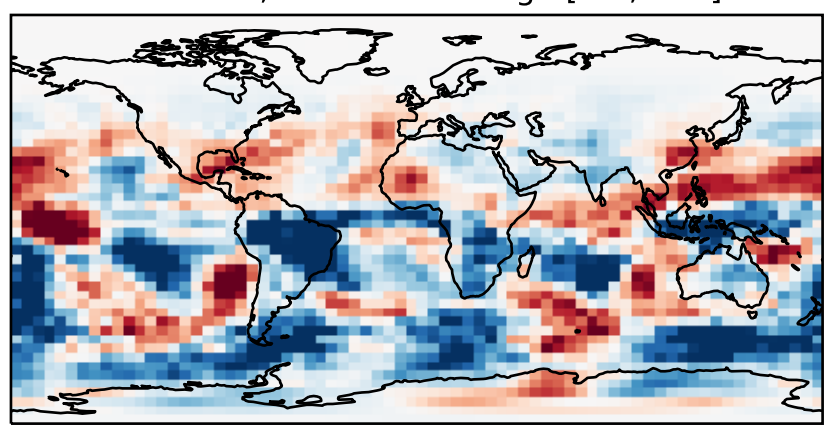


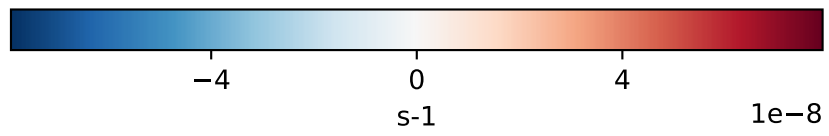
Difference
Dev - Ref, Dynamic Range



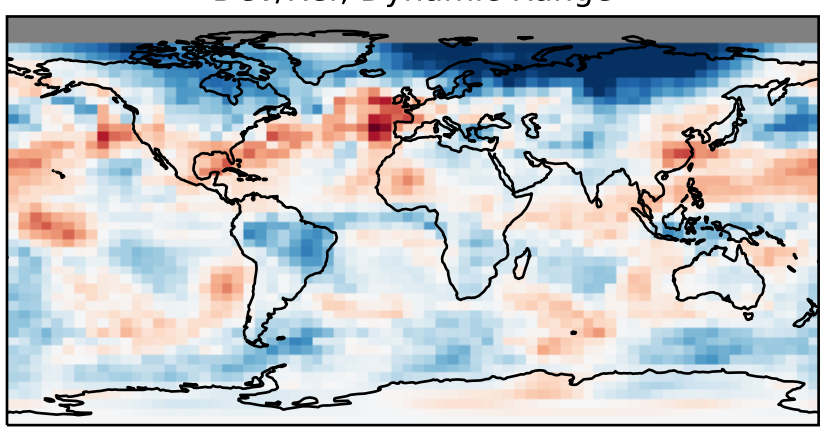


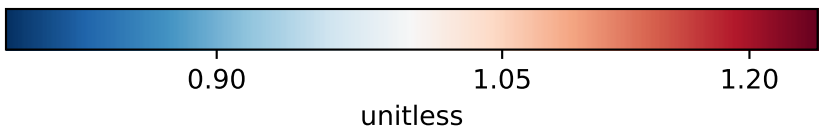
Difference
Dev - Ref, Restricted Range [5%,95%]



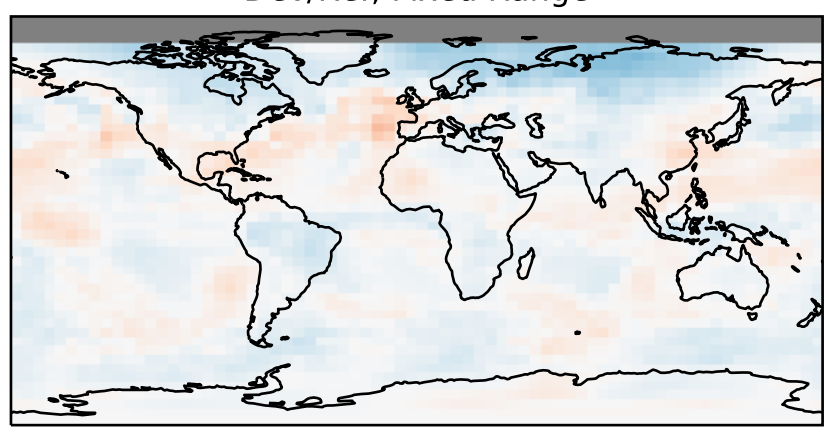


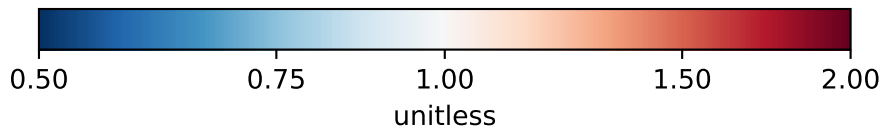
Ratio
Dev/Ref, Dynamic Range





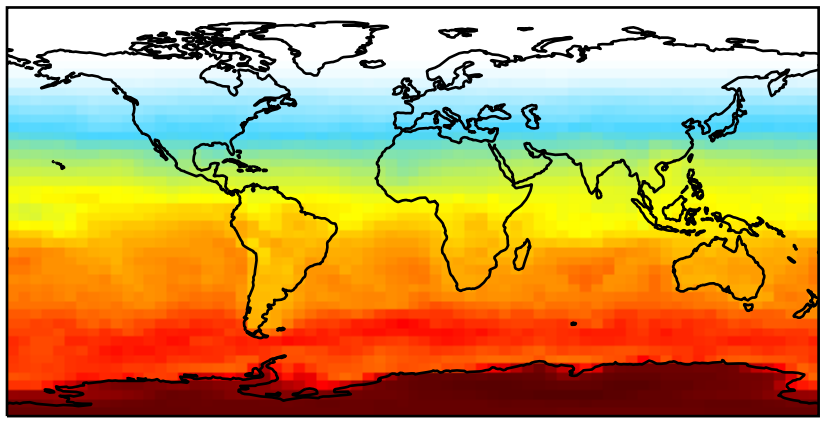
Ratio
Dev/Ref, Fixed Range





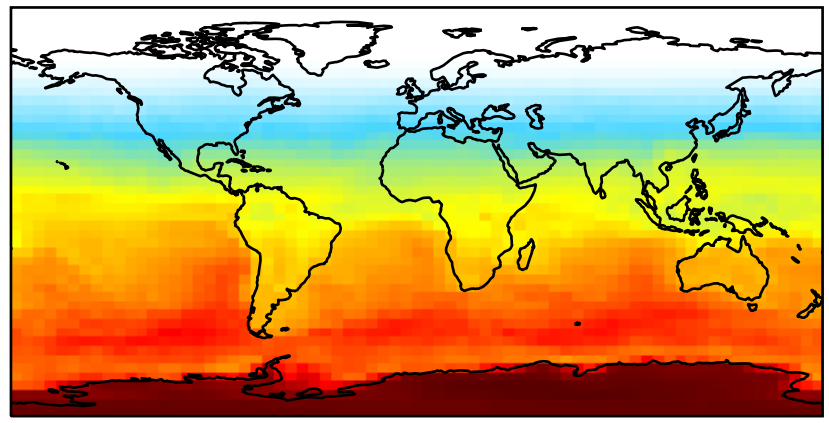
Jval_R4P (Jan2019)

GCC_12.9.0 (Ref)
4.0x5.0



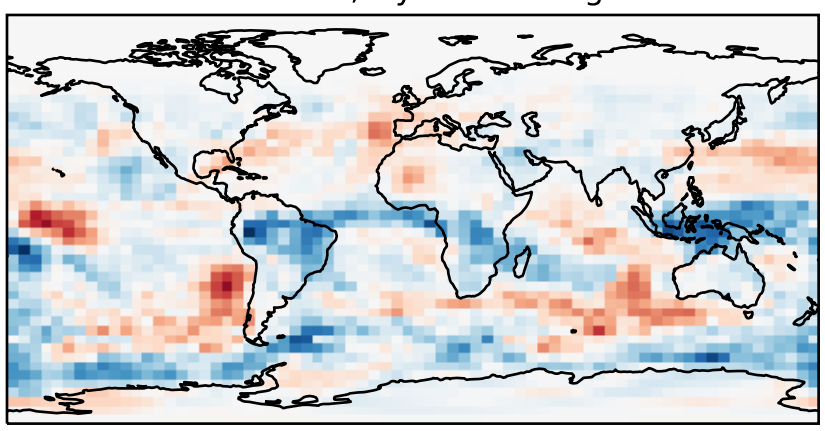


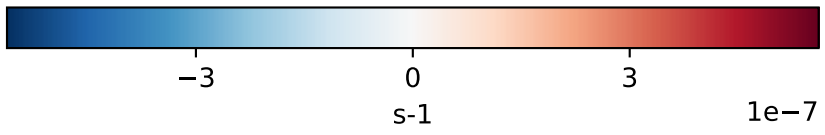
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



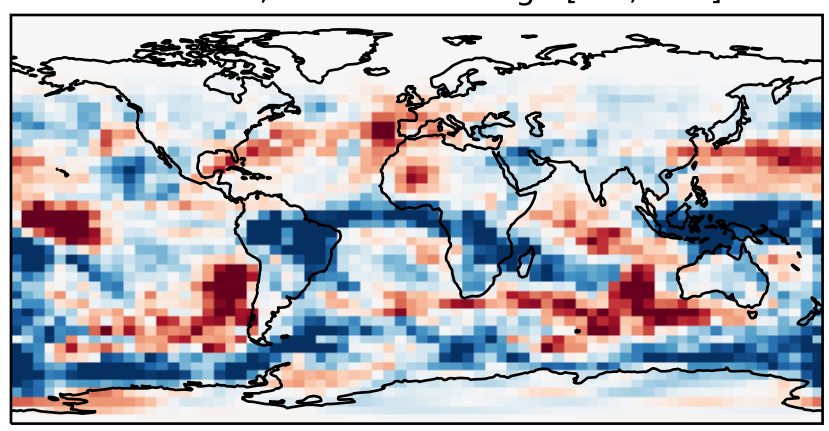


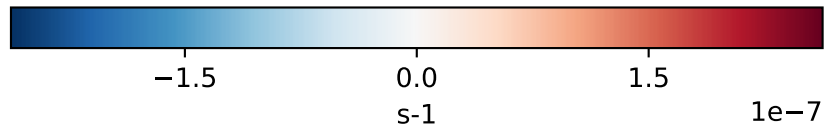
Difference
Dev - Ref, Dynamic Range



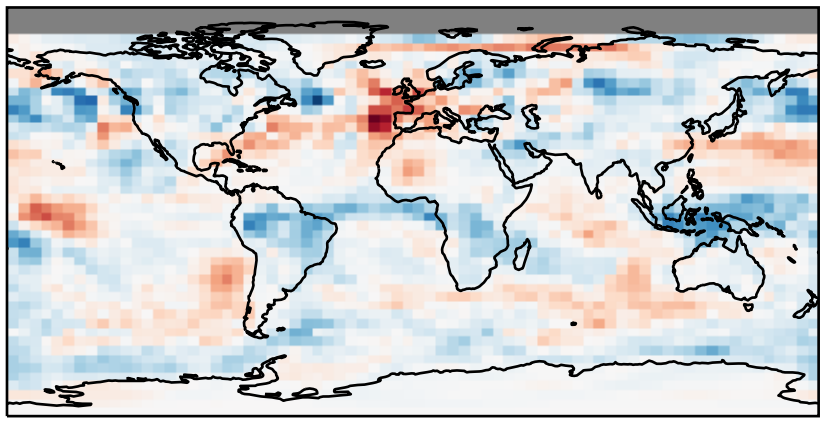


Difference
Dev - Ref, Restricted Range [5%,95%]



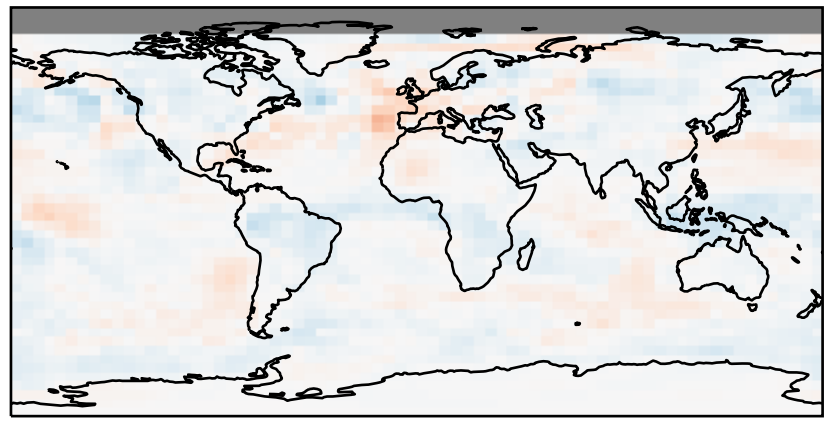


Ratio
Dev/Ref, Dynamic Range





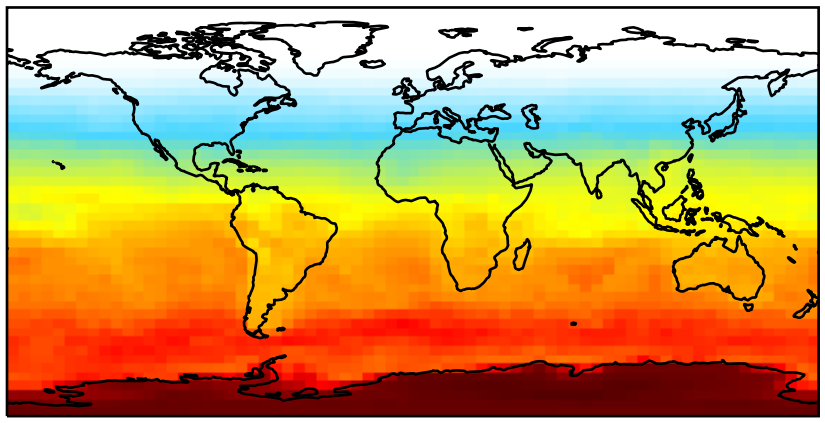
Ratio
Dev/Ref, Fixed Range

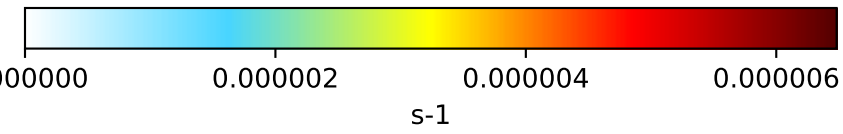




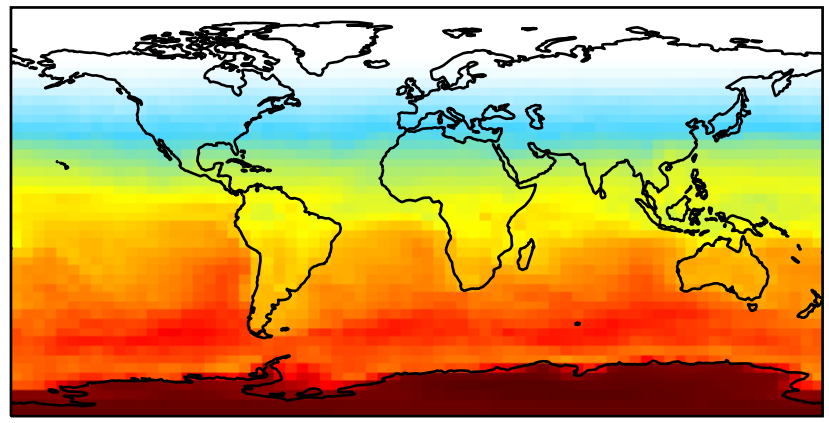
Jval_RA3P (Jan2019)

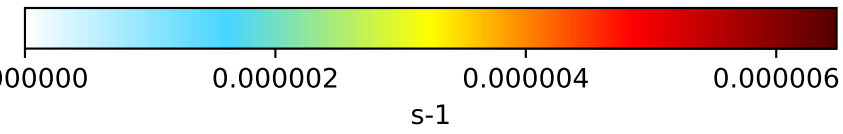
GCC_12.9.0 (Ref)
4.0x5.0



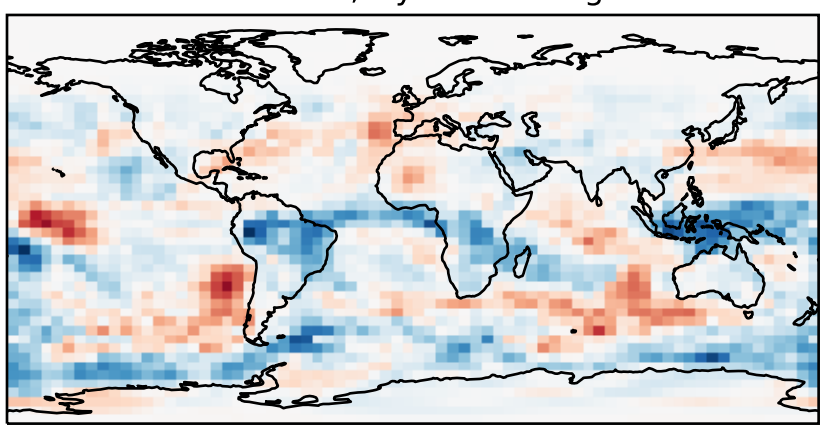


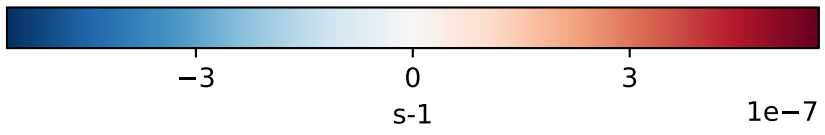
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



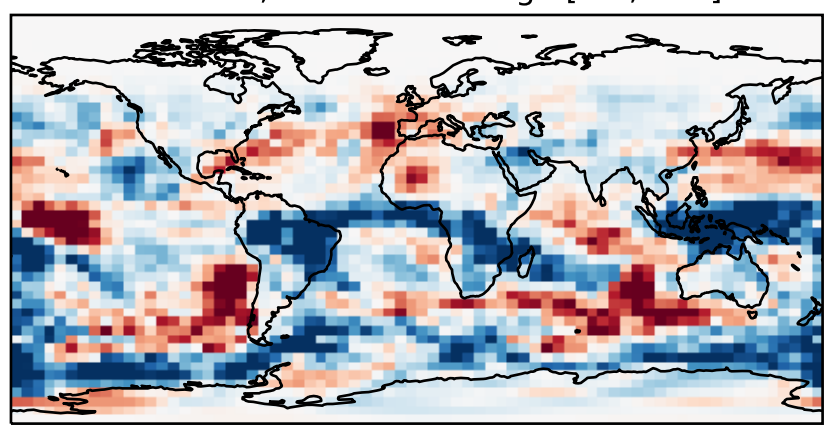


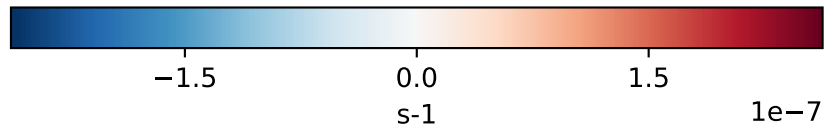
Difference
Dev - Ref, Dynamic Range



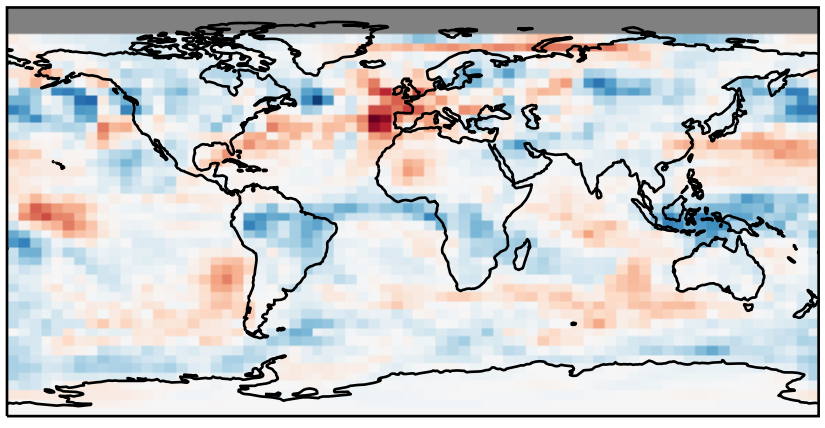


Difference
Dev - Ref, Restricted Range [5%,95%]



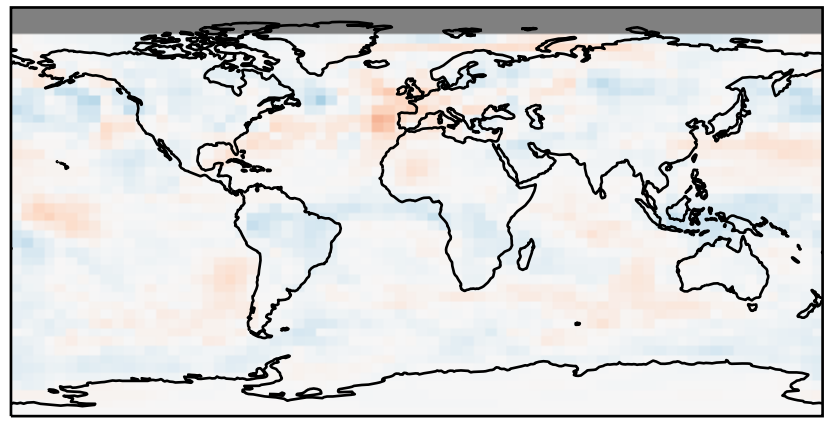


Ratio
Dev/Ref, Dynamic Range





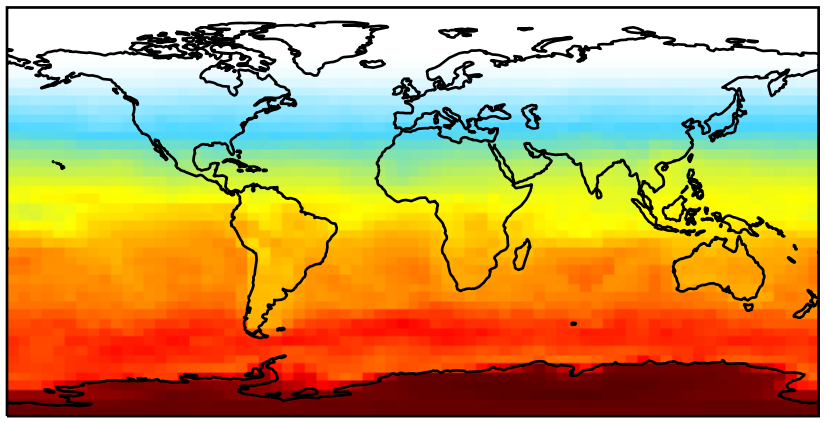
Ratio
Dev/Ref, Fixed Range

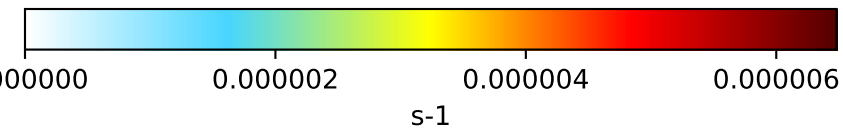




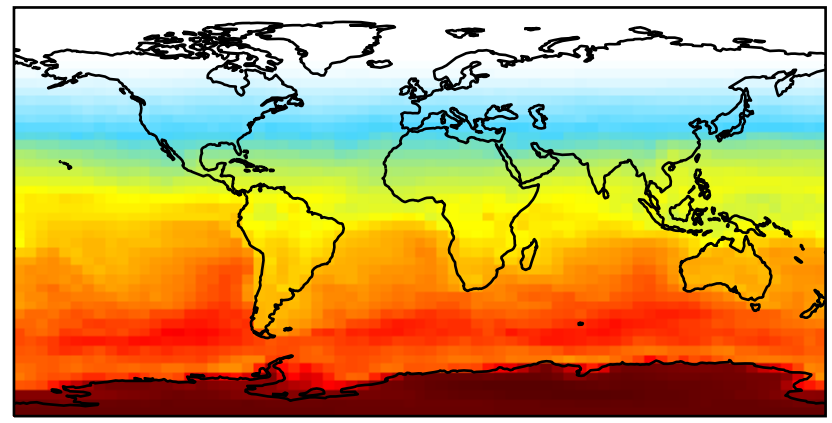
Jval_RB3P (Jan2019)

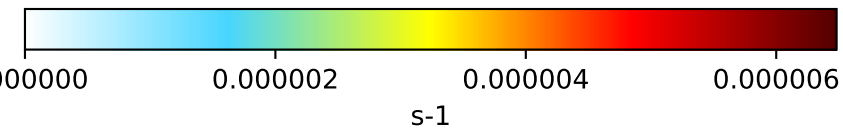
GCC_12.9.0 (Ref)
4.0x5.0



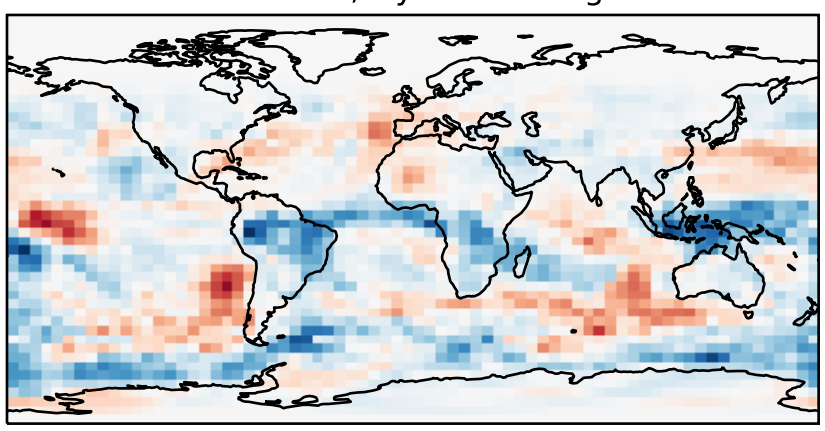


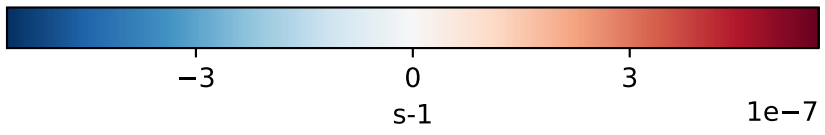
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



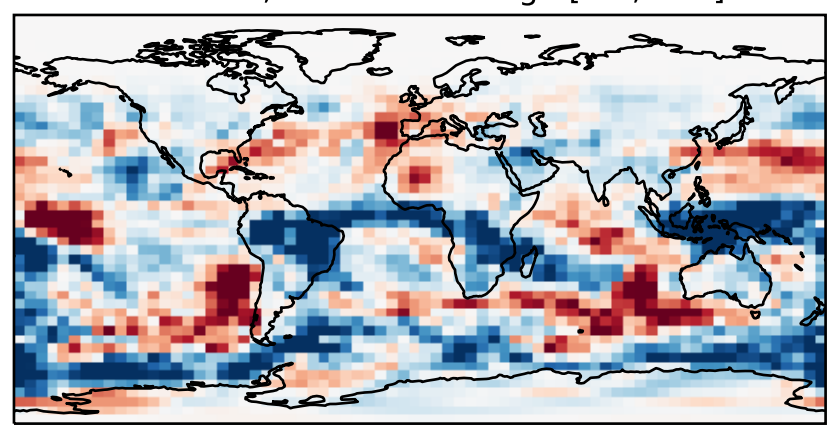


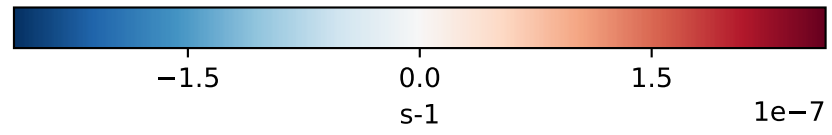
Difference
Dev - Ref, Dynamic Range



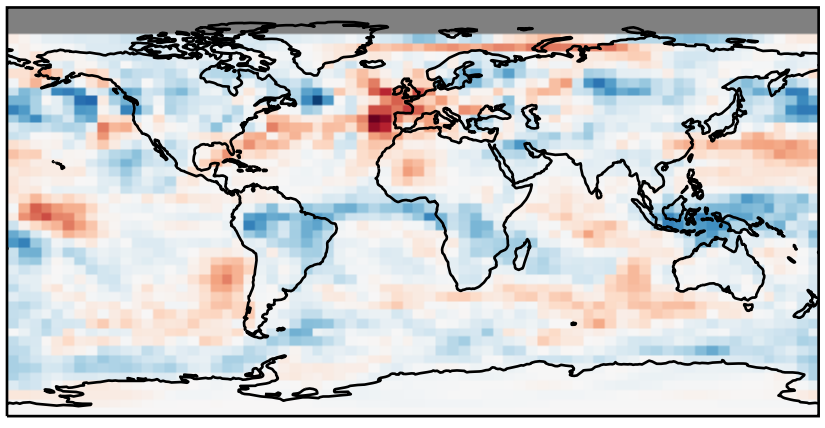


Difference
Dev - Ref, Restricted Range [5%,95%]



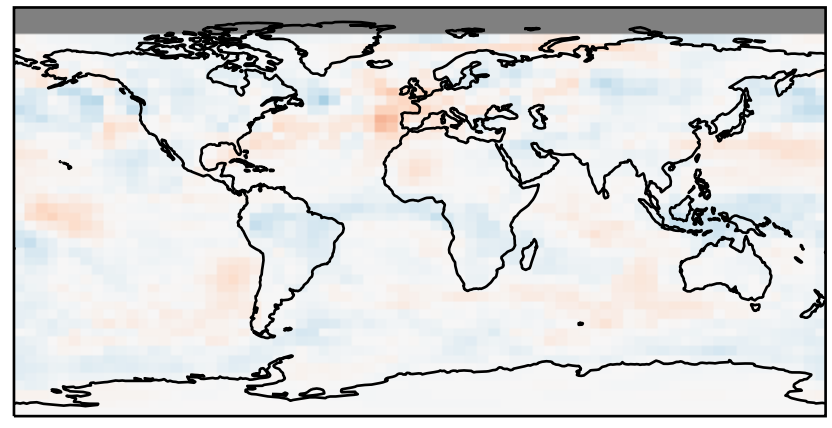


Ratio
Dev/Ref, Dynamic Range





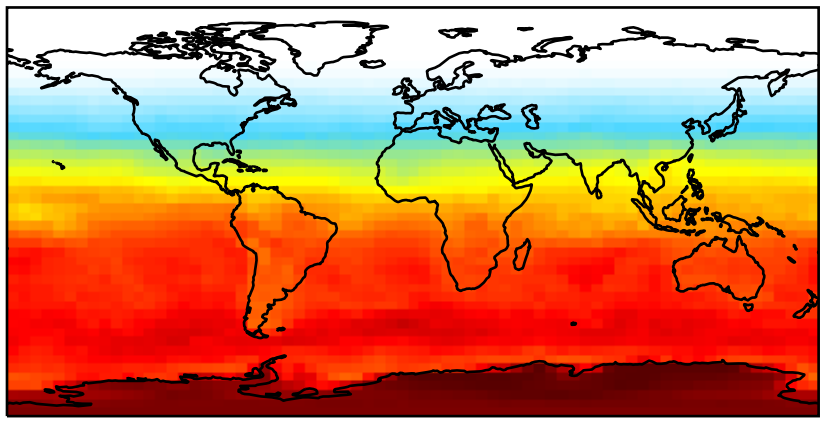
Ratio
Dev/Ref, Fixed Range

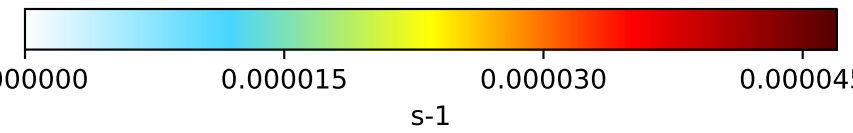




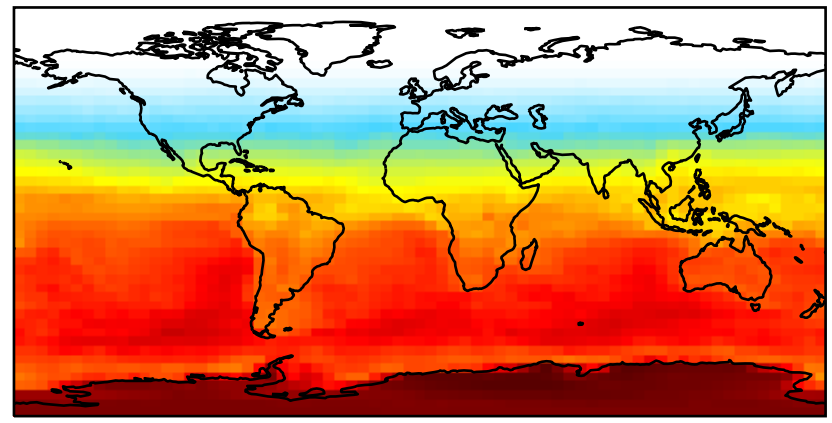
Jval_RCHO (Jan2019)

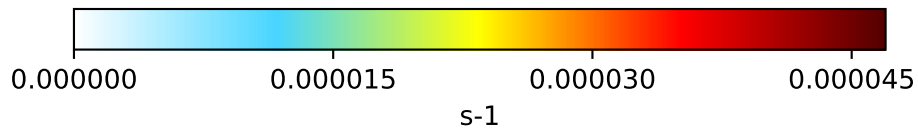
GCC_12.9.0 (Ref)
4.0x5.0



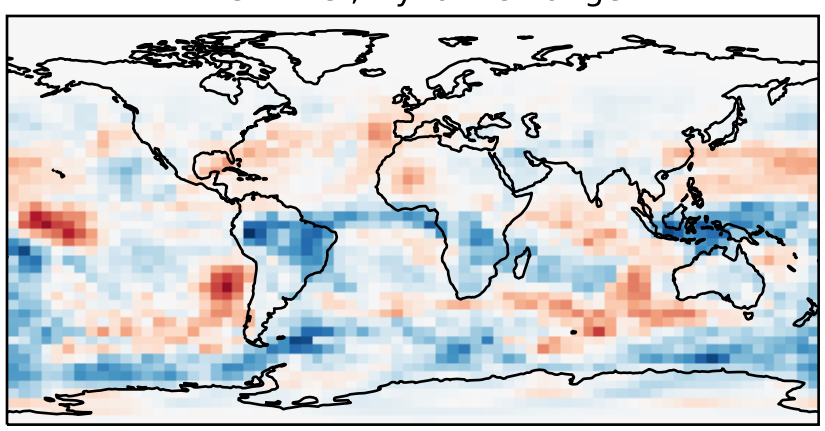


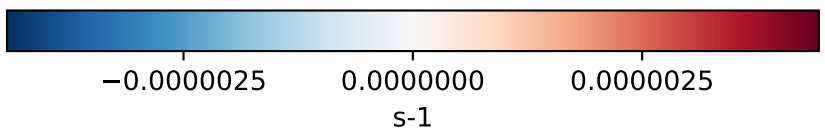
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



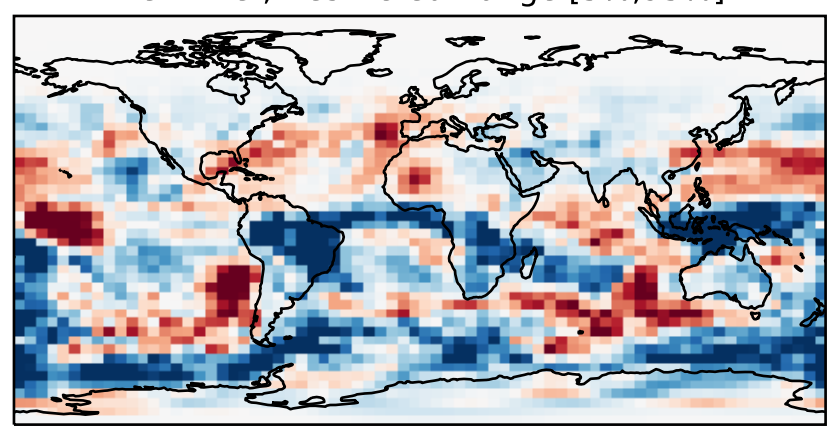


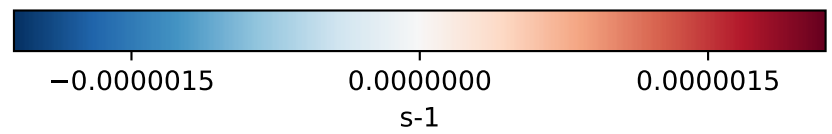
Difference
Dev - Ref, Dynamic Range



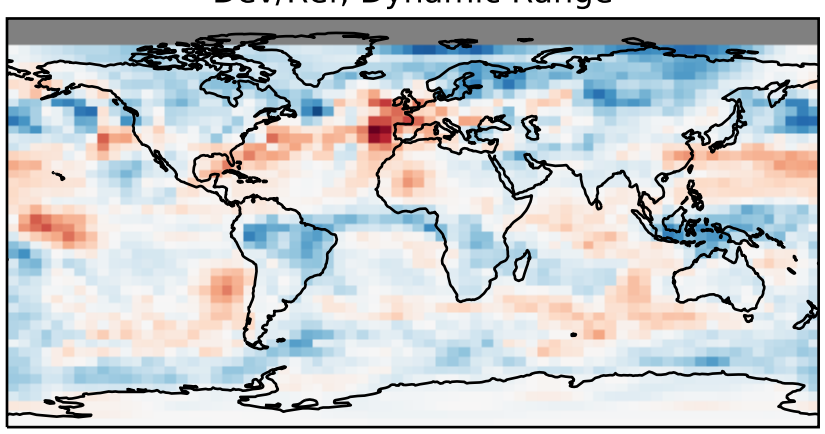


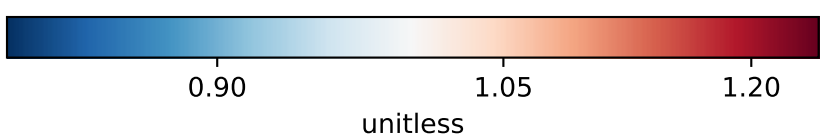
Difference
Dev - Ref, Restricted Range [5%,95%]



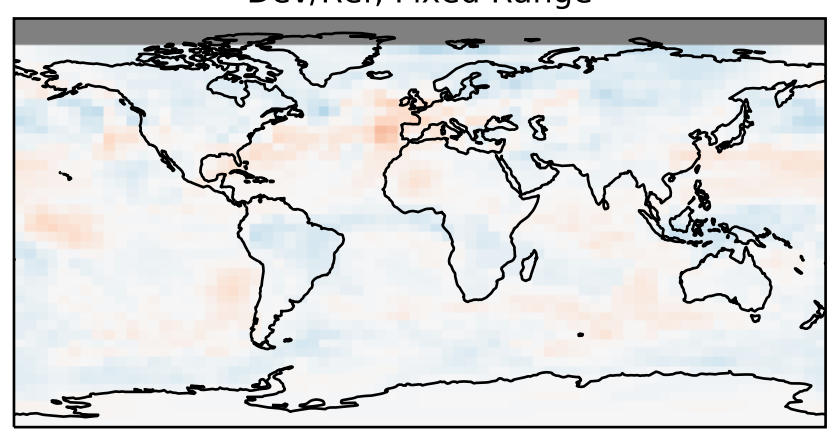


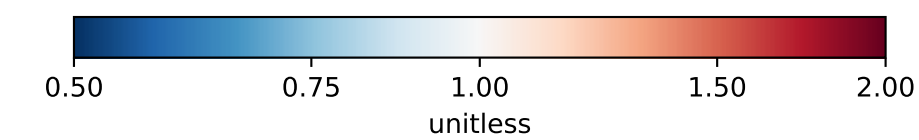
Ratio
Dev/Ref, Dynamic Range





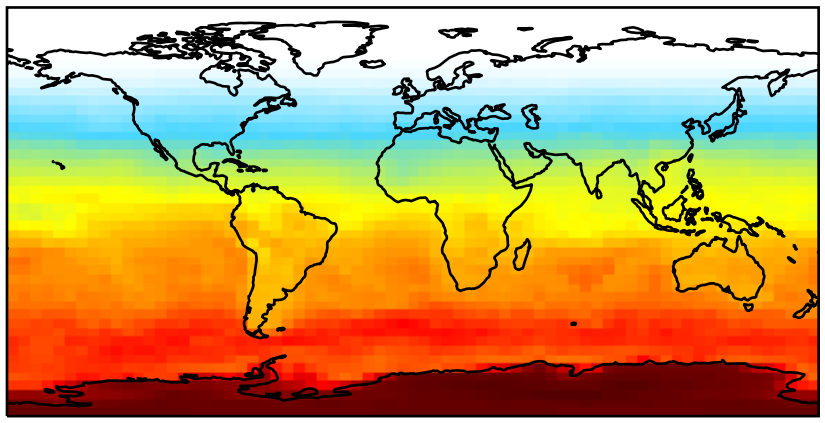
Ratio
Dev/Ref, Fixed Range

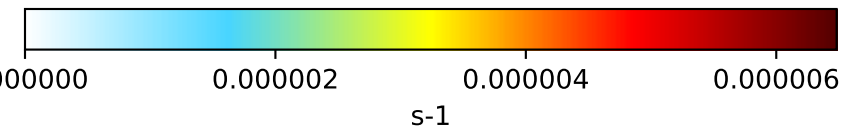




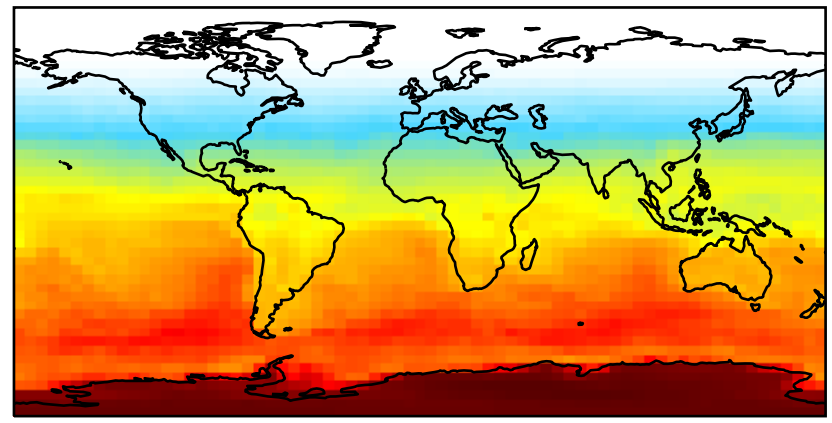
Jval_RIPA (Jan2019)

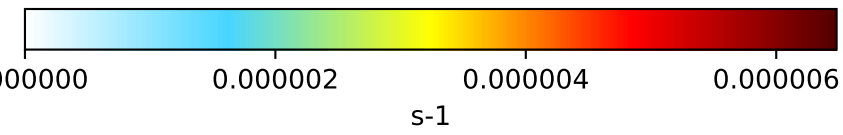
GCC_12.9.0 (Ref)
4.0x5.0



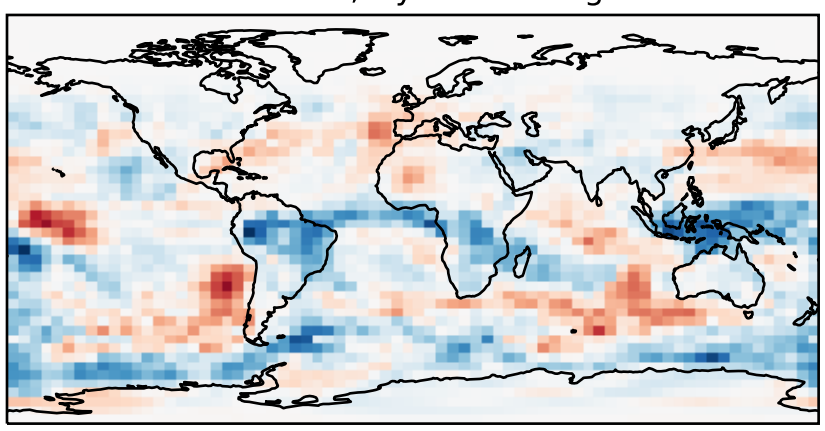


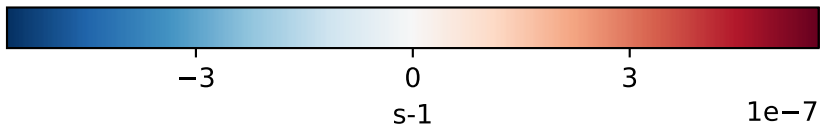
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



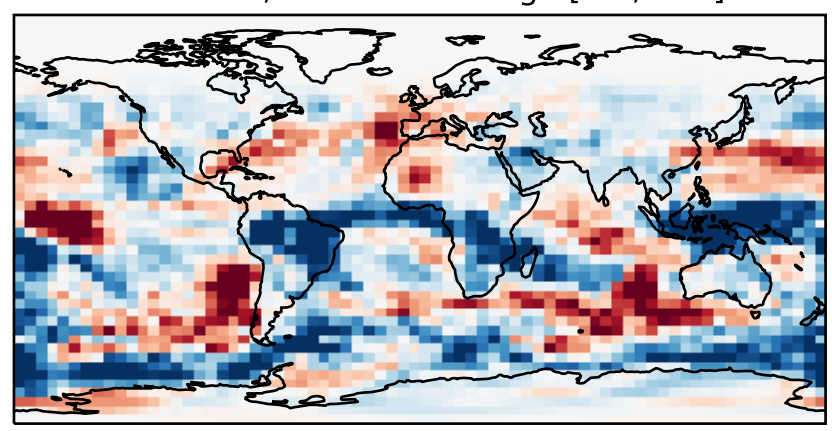


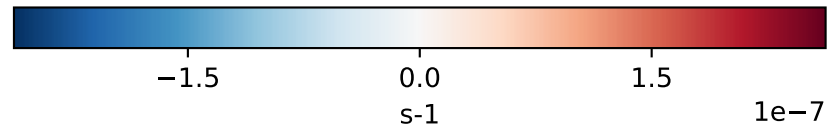
Difference
Dev - Ref, Dynamic Range



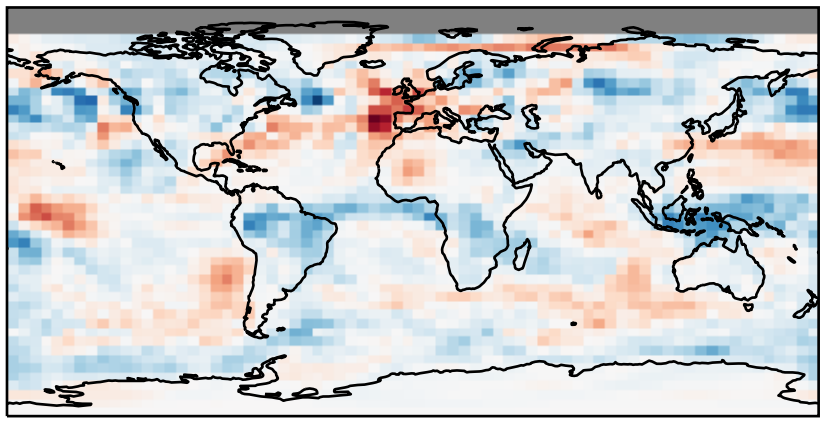


Difference
Dev - Ref, Restricted Range [5%,95%]



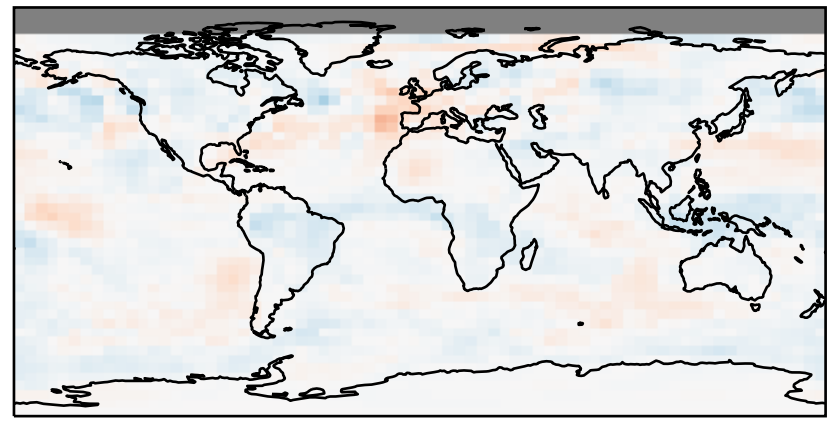


Ratio
Dev/Ref, Dynamic Range





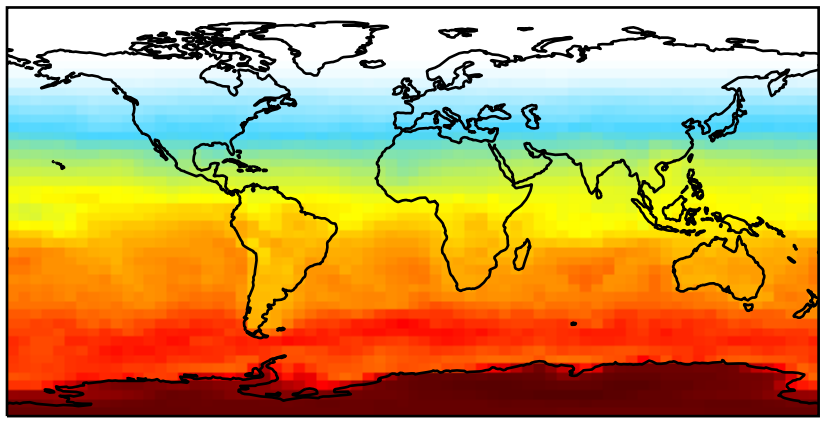
Ratio
Dev/Ref, Fixed Range

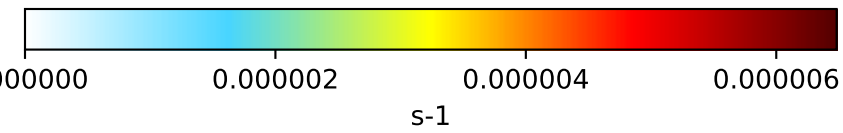




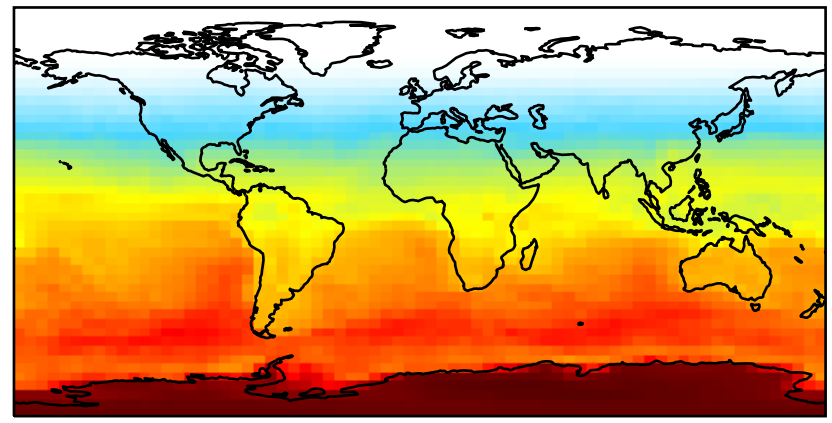
Jval_RIPB (Jan2019)

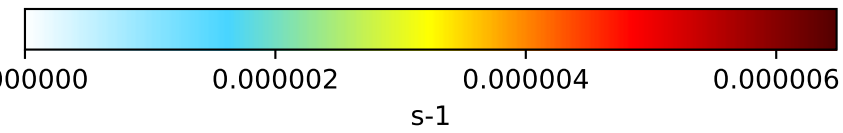
GCC_12.9.0 (Ref)
4.0x5.0



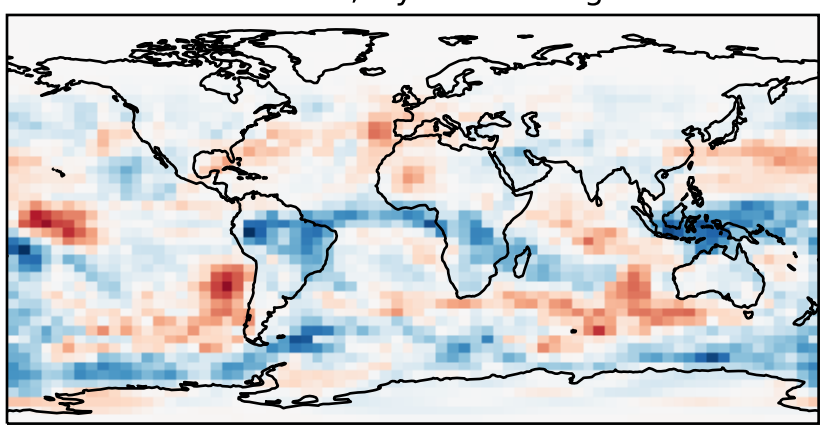


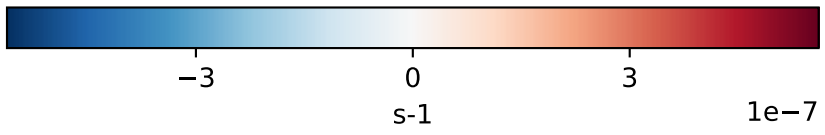
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



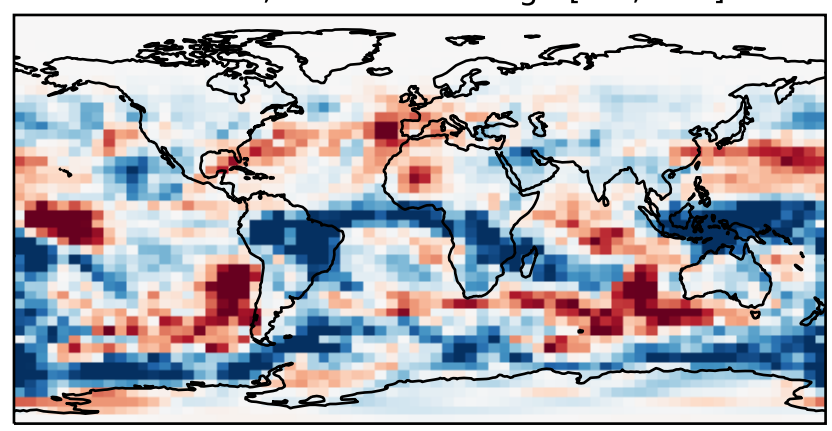


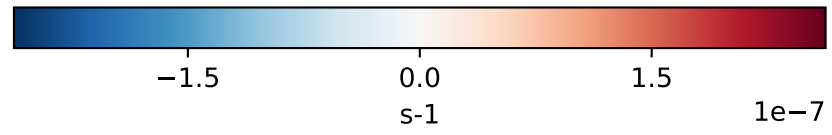
Difference
Dev - Ref, Dynamic Range



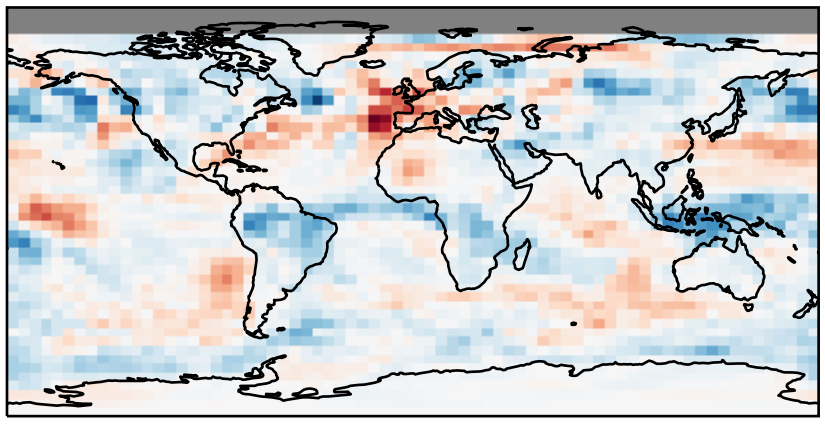


Difference
Dev - Ref, Restricted Range [5%,95%]



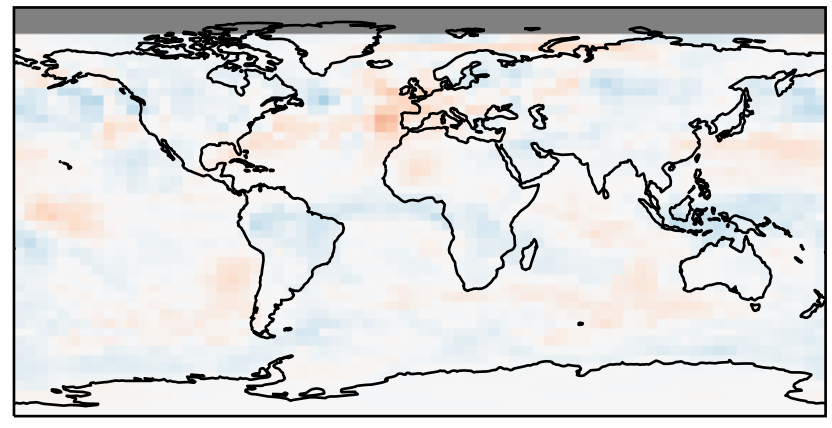


Ratio
Dev/Ref, Dynamic Range





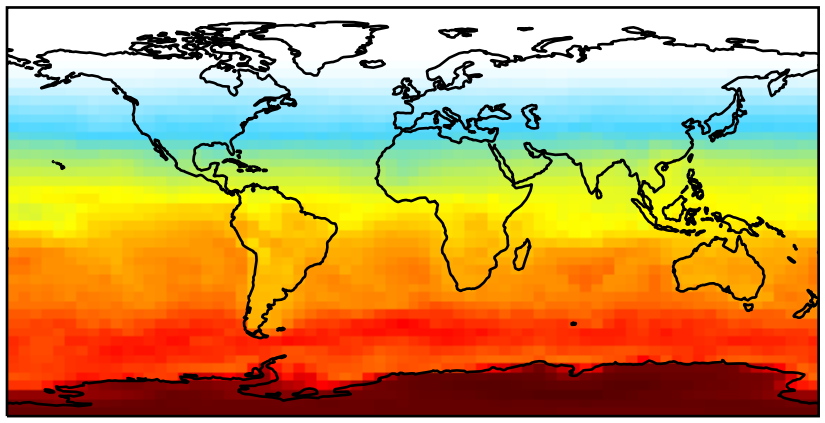
Ratio
Dev/Ref, Fixed Range

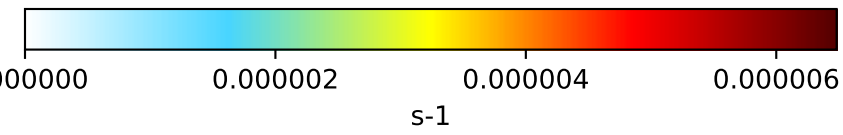




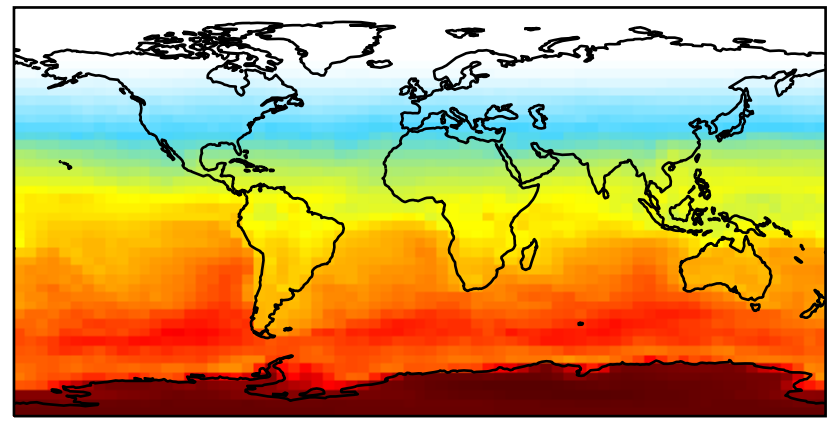
Jval_RIPC (Jan2019)

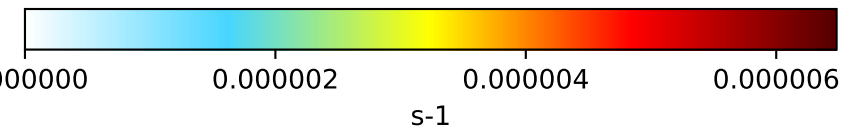
GCC_12.9.0 (Ref)
4.0x5.0



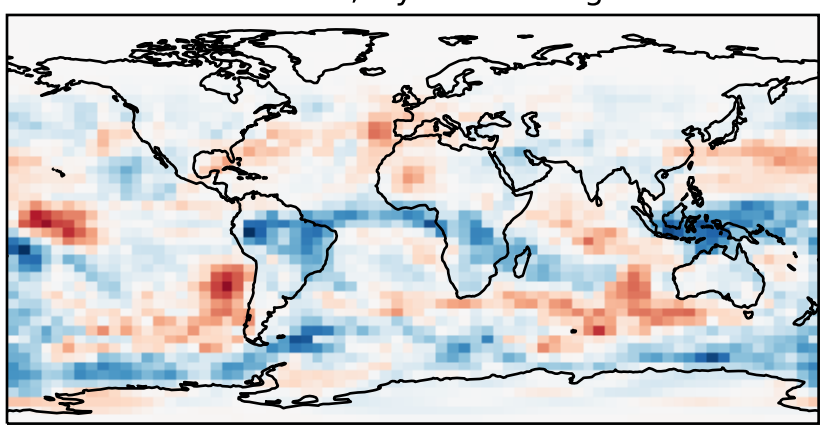


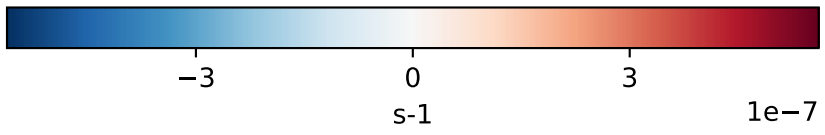
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



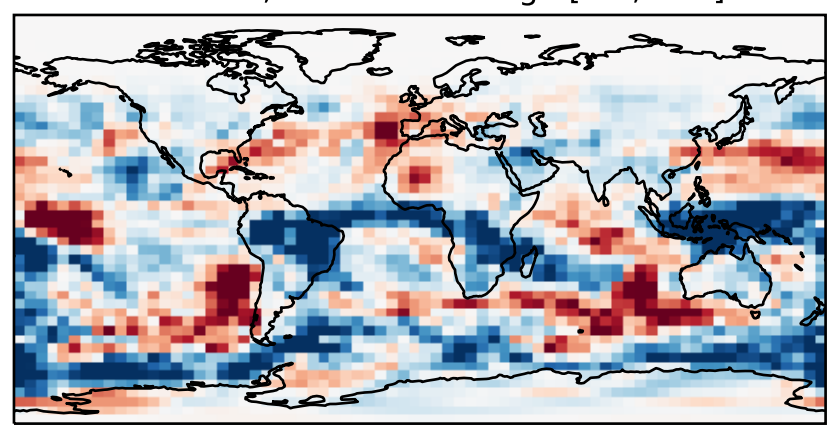


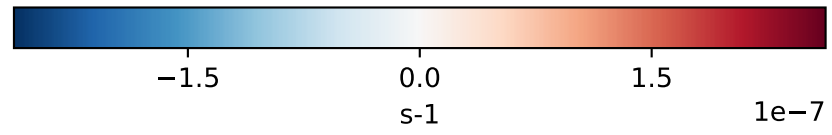
Difference
Dev - Ref, Dynamic Range



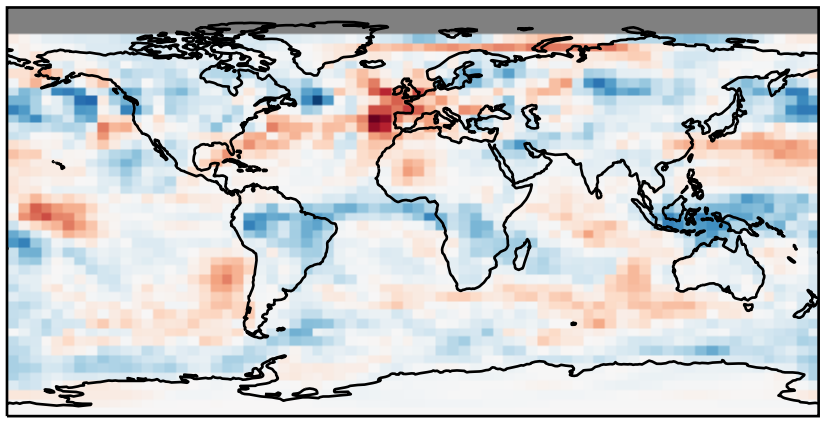


Difference
Dev - Ref, Restricted Range [5%,95%]



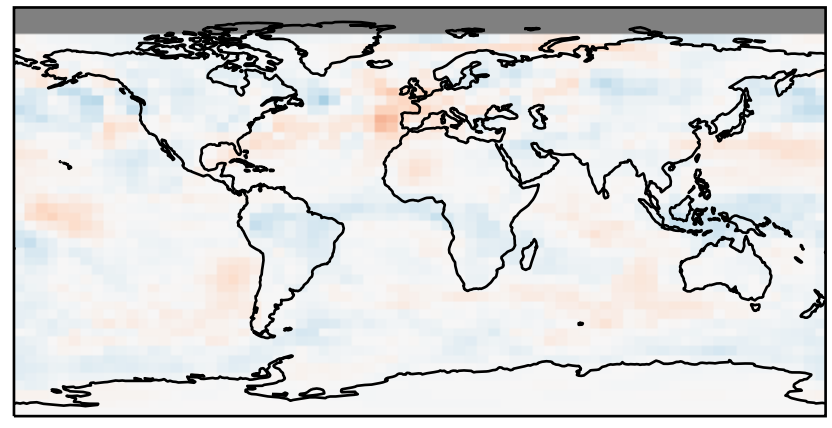


Ratio
Dev/Ref, Dynamic Range





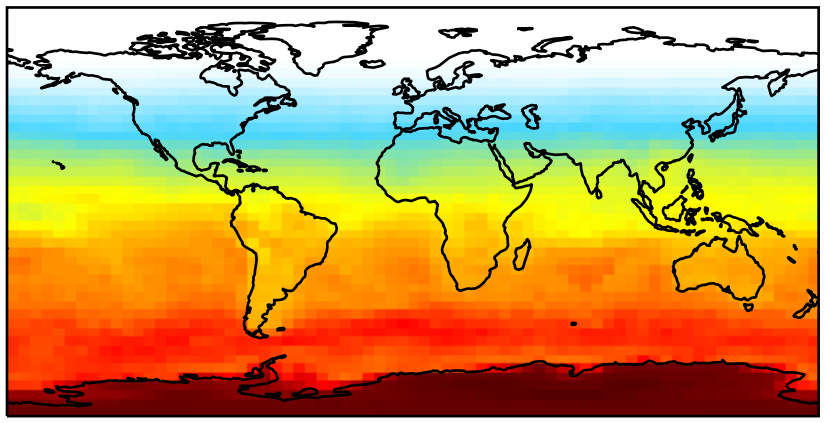
Ratio
Dev/Ref, Fixed Range

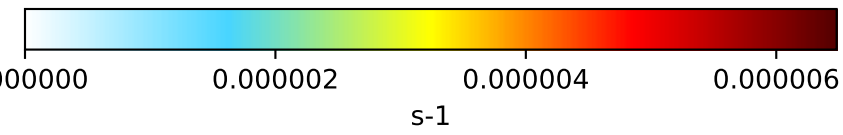




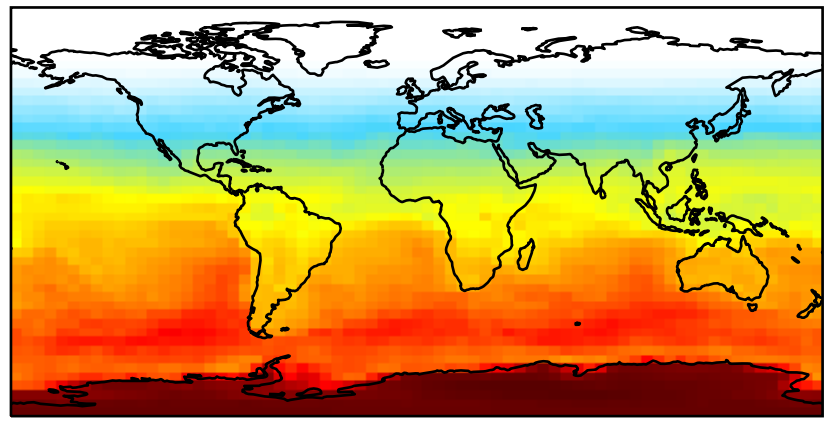
Jval_RIPD (Jan2019)

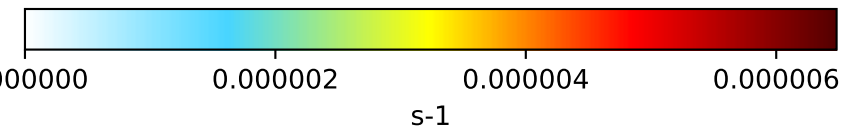
GCC_12.9.0 (Ref)
4.0x5.0



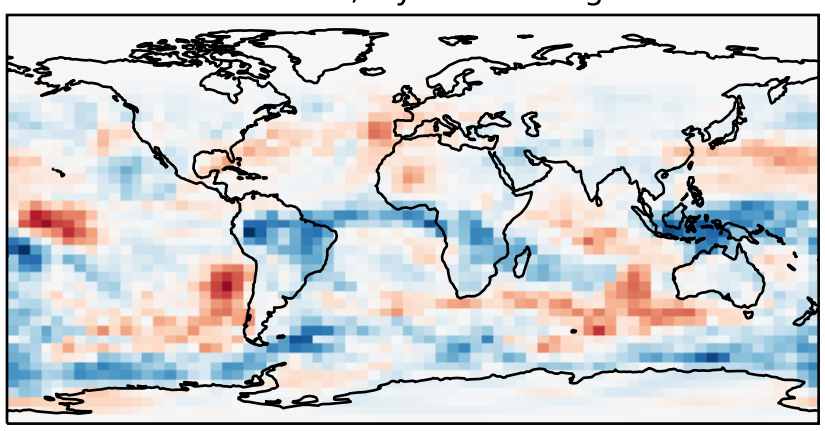


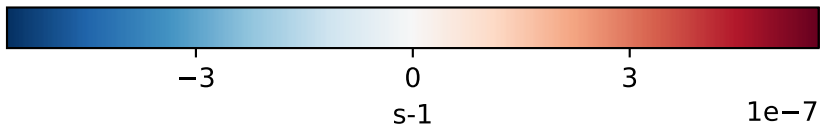
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



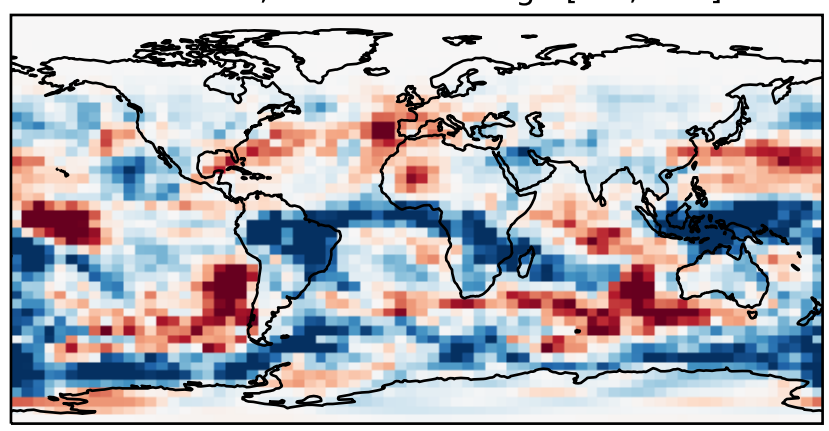


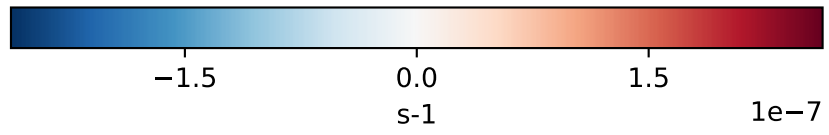
Difference
Dev - Ref, Dynamic Range



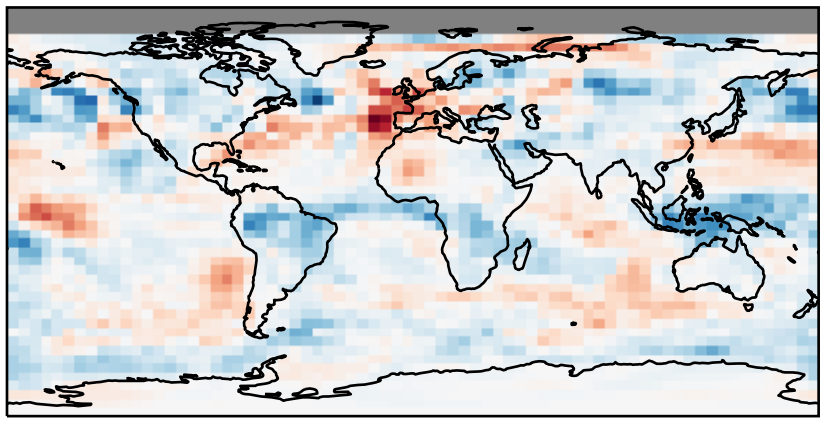


Difference
Dev - Ref, Restricted Range [5%,95%]



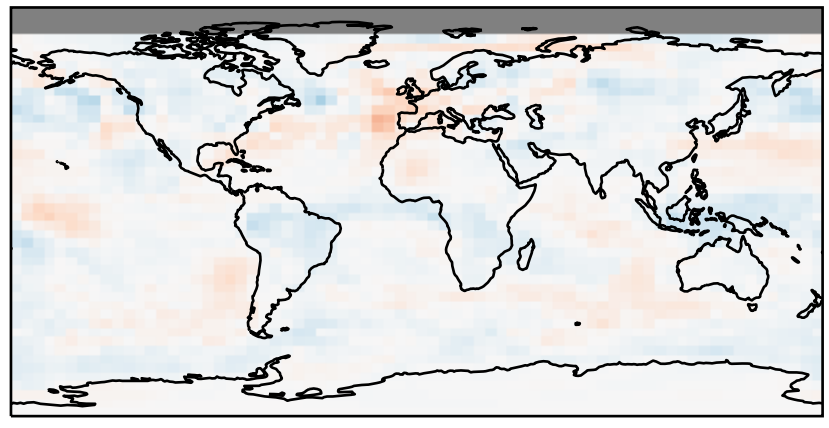


Ratio
Dev/Ref, Dynamic Range





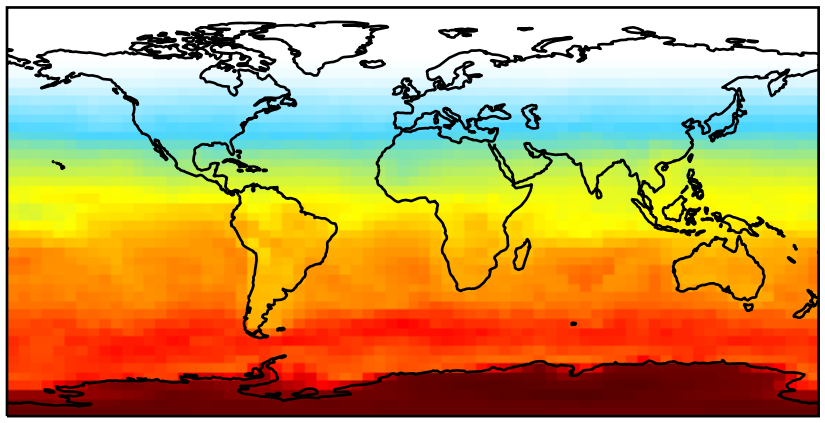
Ratio
Dev/Ref, Fixed Range

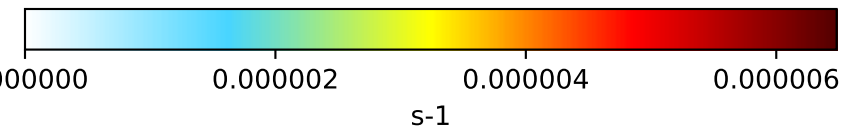




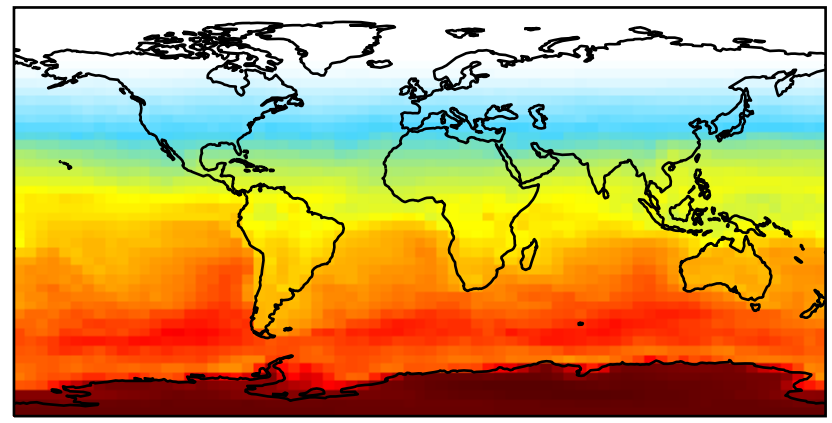
Jval_RP (Jan2019)

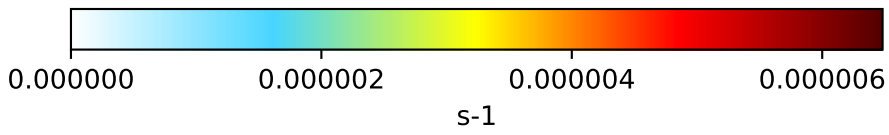
GCC_12.9.0 (Ref)
4.0x5.0



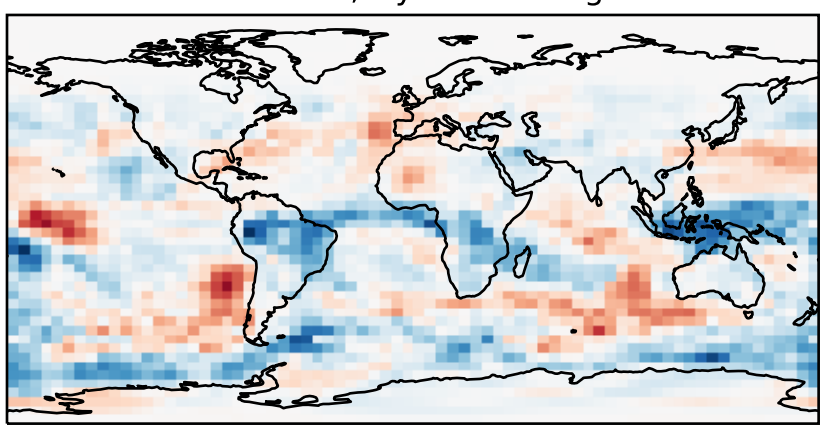


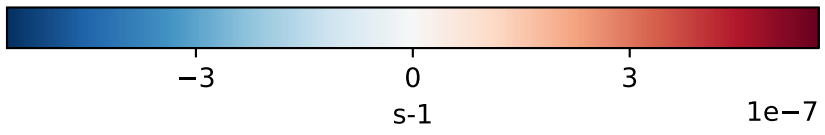
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



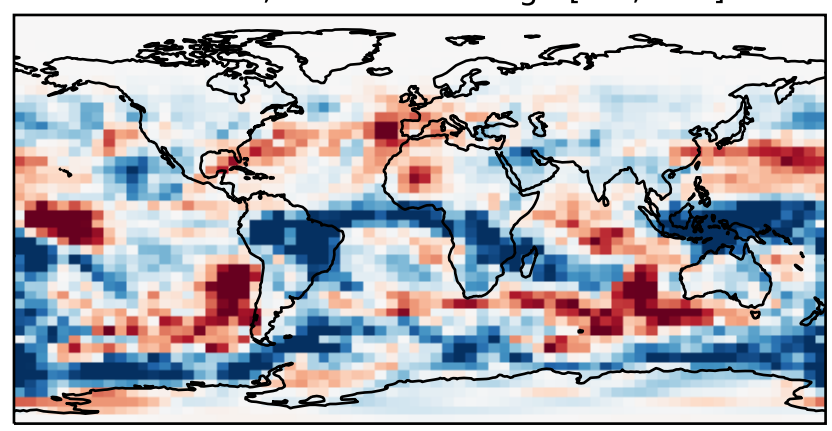


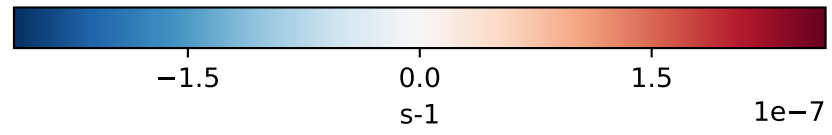
Difference
Dev - Ref, Dynamic Range



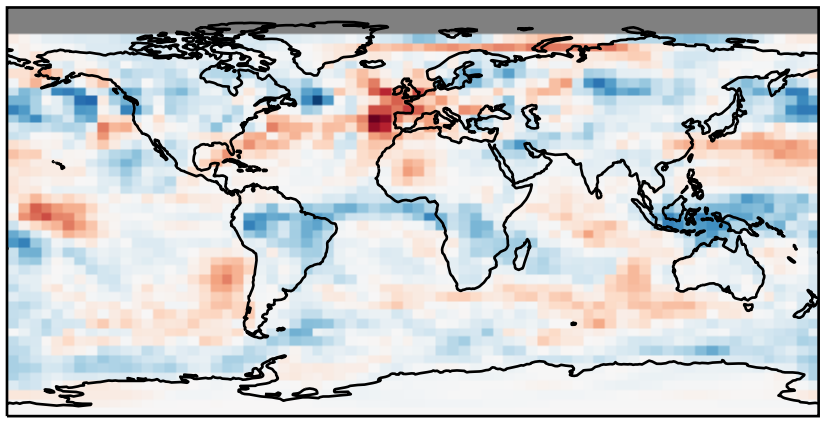


Difference
Dev - Ref, Restricted Range [5%,95%]



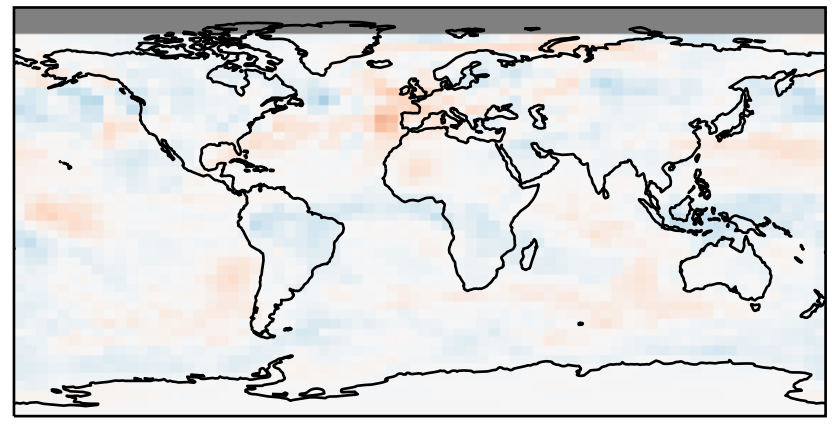


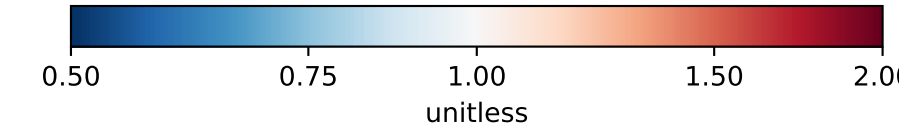
Ratio
Dev/Ref, Dynamic Range





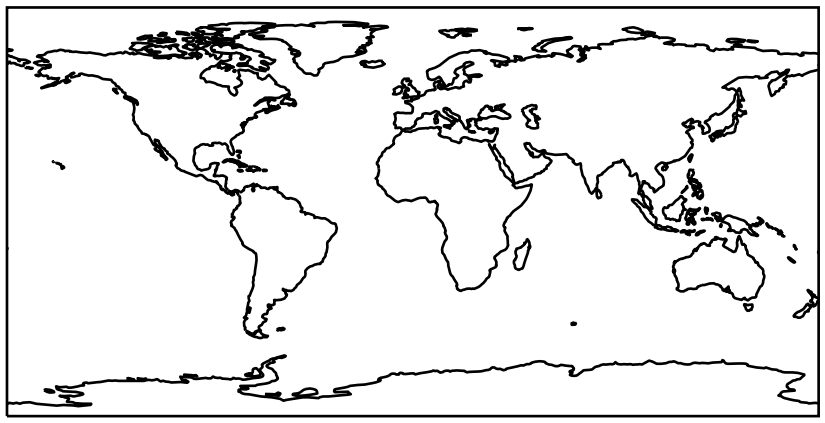
Ratio
Dev/Ref, Fixed Range





Jval_SO4 (Jan2019)

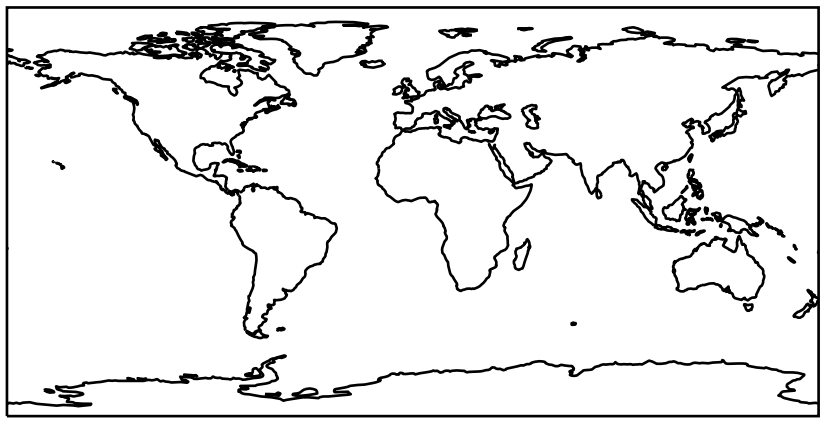
GCC_12.9.0 (Ref)
4.0x5.0





Zero throughout domain
s-1

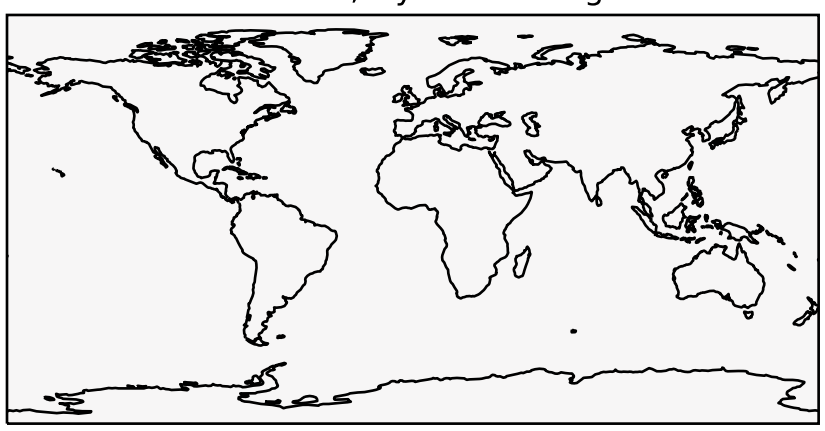
GCC_13.0.0-beta.1 (Dev)
4.0x5.0





Zero throughout domain
s-1

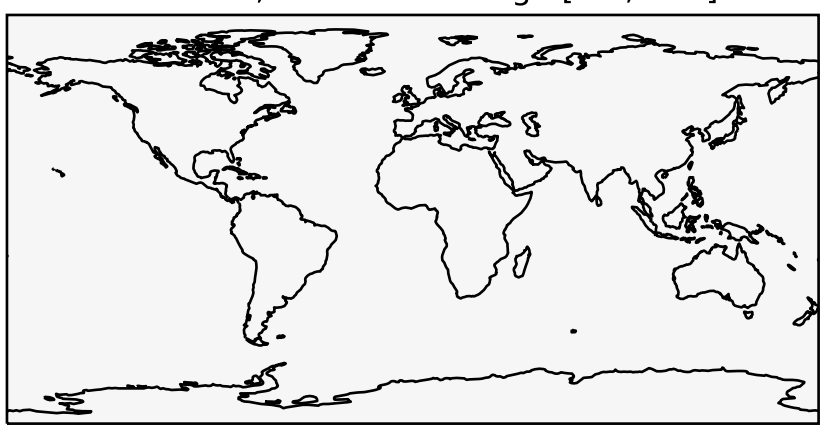
Difference
Dev - Ref, Dynamic Range





Zero throughout domain
s-1

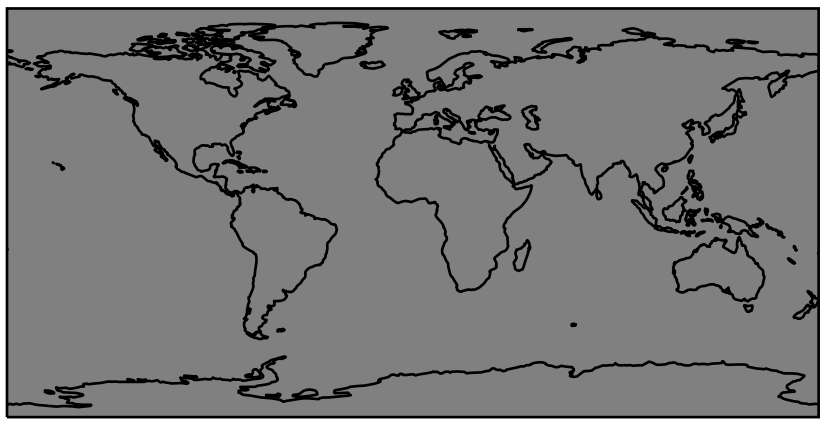
Difference
Dev - Ref, Restricted Range [5%,95%]





Zero throughout domain
s-1

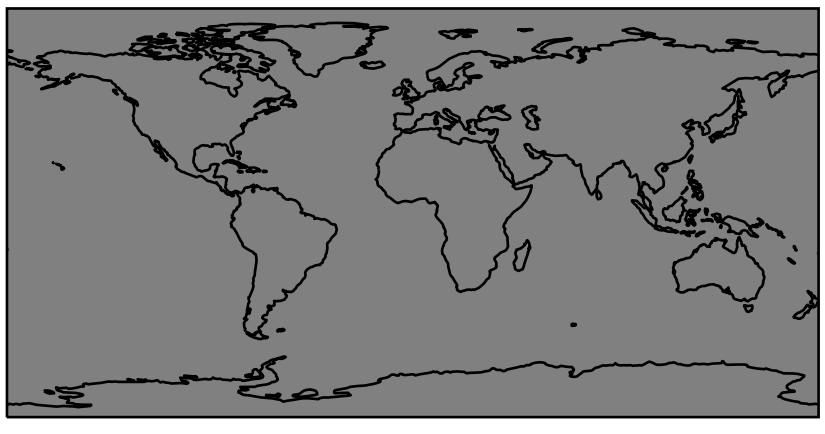
Ratio
Dev/Ref, Dynamic Range





Undefined throughout domain
unitless

Ratio
Dev/Ref, Fixed Range





Undefined throughout domain
unitless