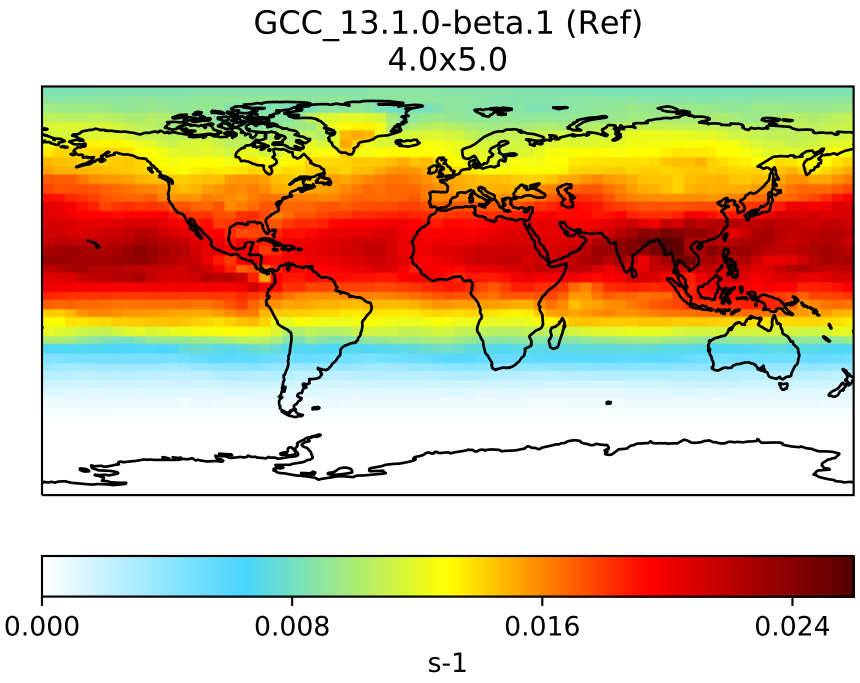
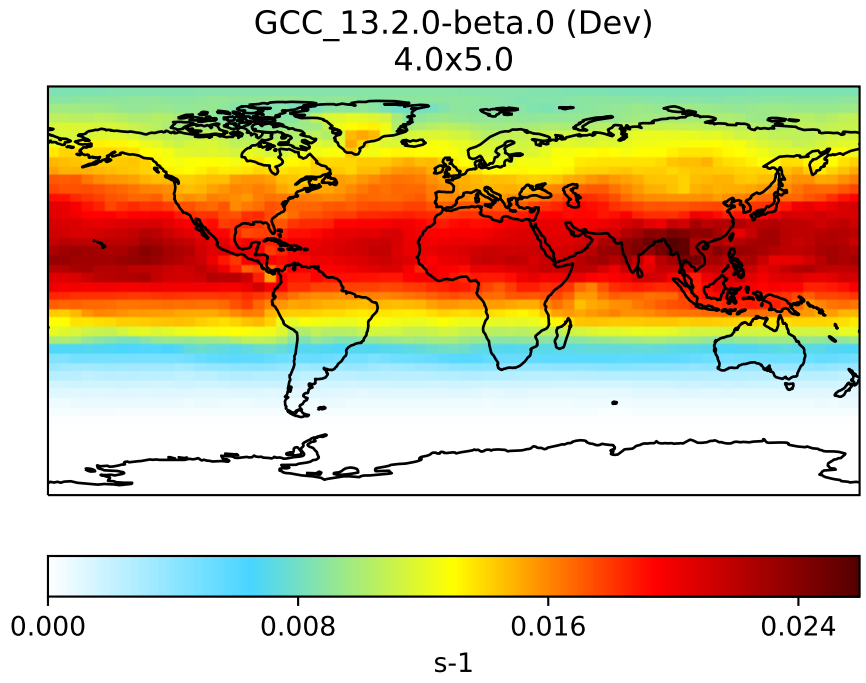
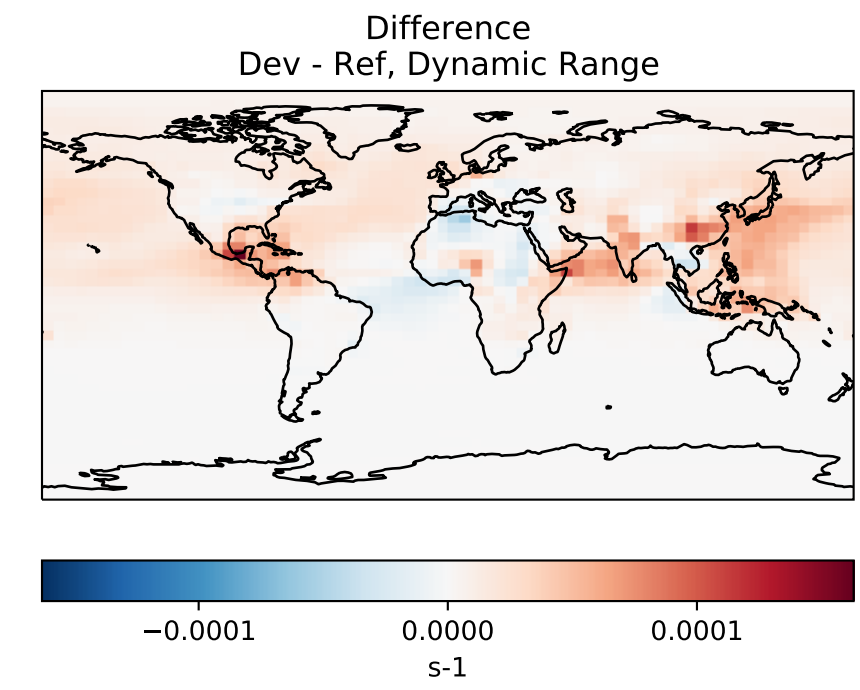
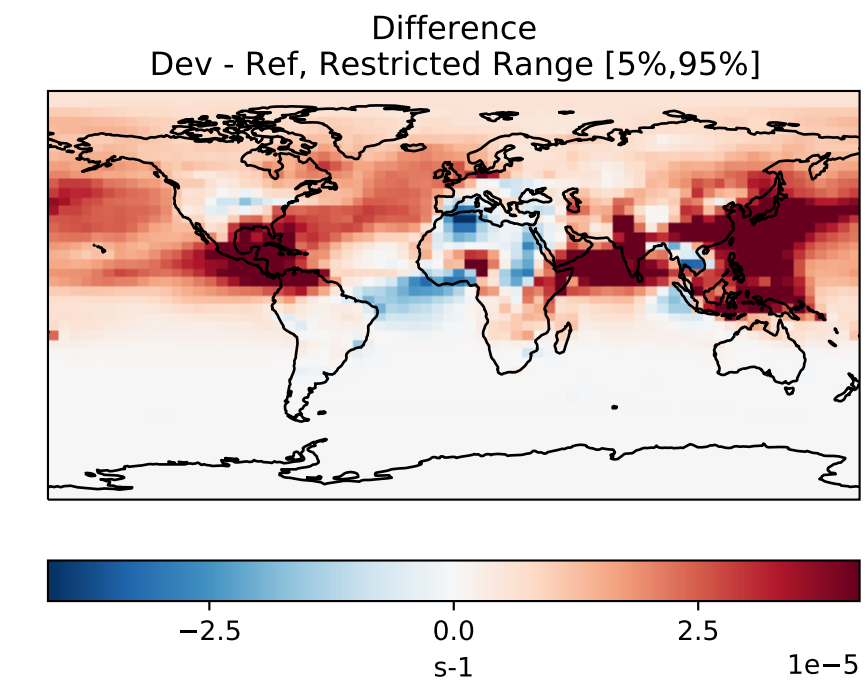
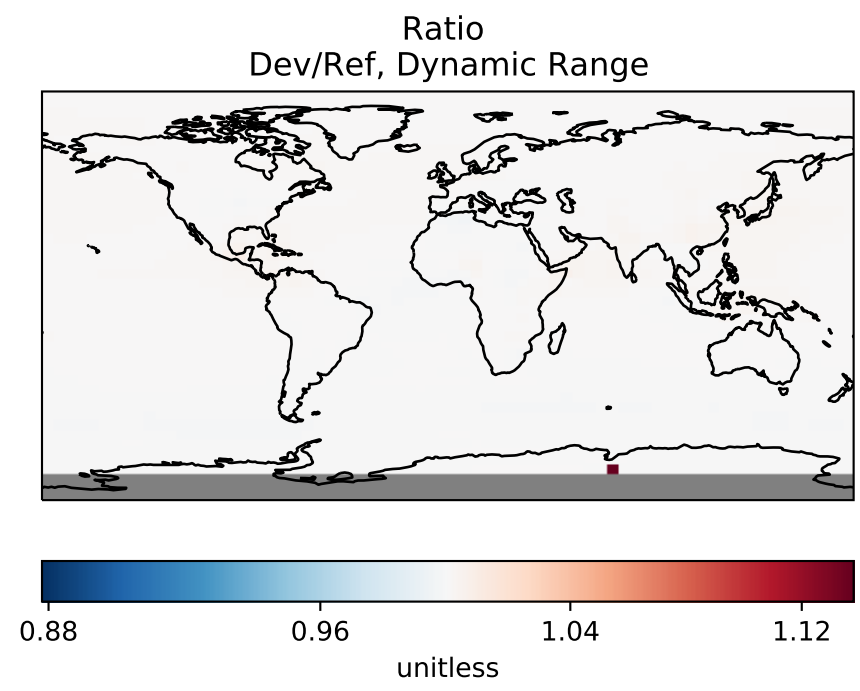
JvalO3O1D

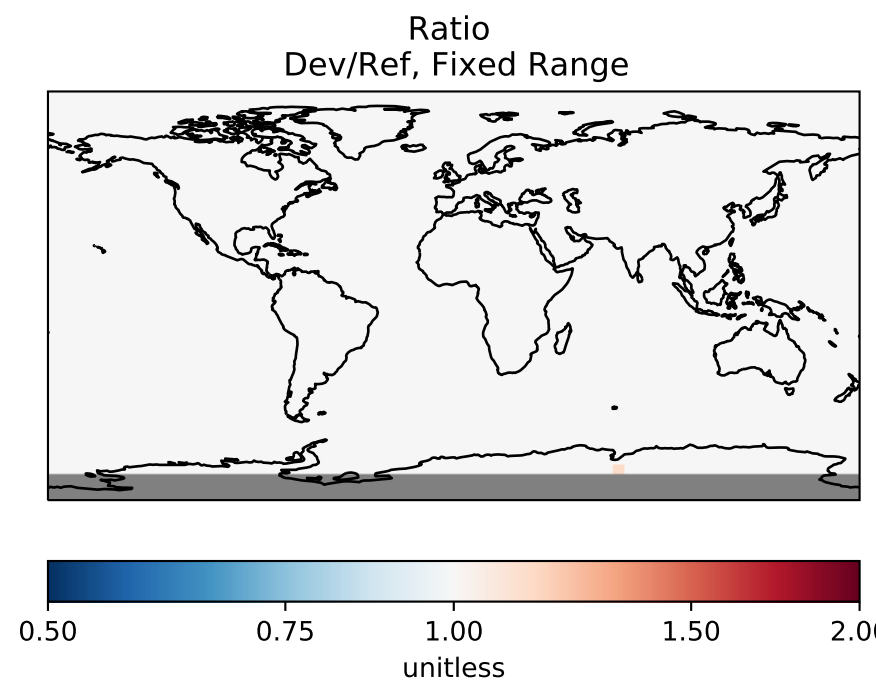

GCC_13.1.0-beta.1 (Ref)
4.0x5.0
0.000
0.008
0.016
0.024
s-1


GCC_13.2.0-beta.0 (Dev)
4.0x5.0
0.000
0.008
0.016
0.024
s-1


Difference
Dev - Ref, Dynamic Range
−0.0001
0.0000
0.0001
s-1

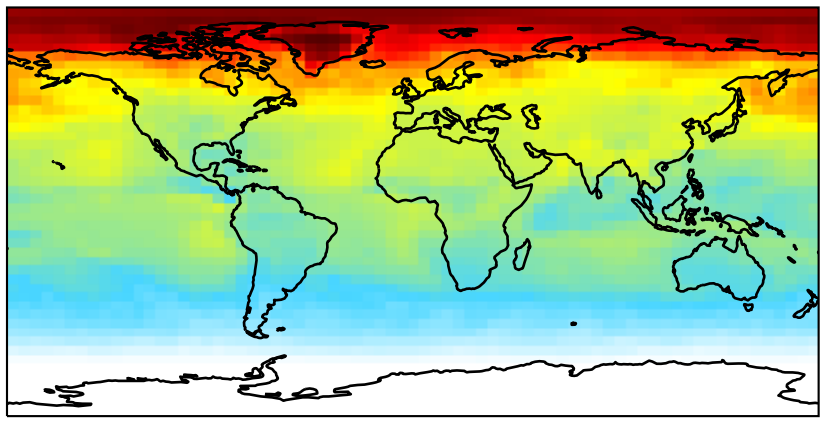

Difference
Dev - Ref, Restricted Range [5%,95%]
−2.5
0.0
2.5
s-1
1e−5

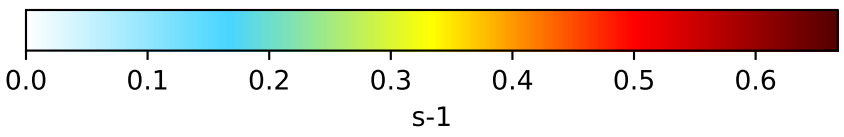

Ratio
Dev/Ref, Dynamic Range
0.88
0.96
1.04
1.12
unitless


Ratio
Dev/Ref, Fixed Range
0.50
0.75
1.00
1.50
2.00
unitless

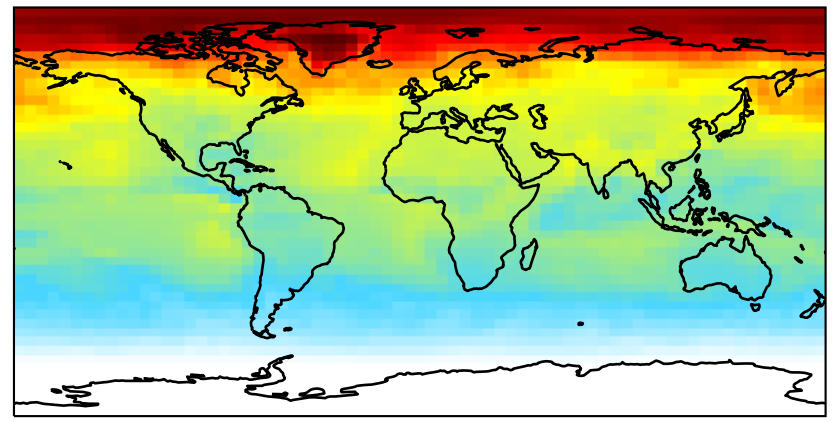
JvalO3O3P

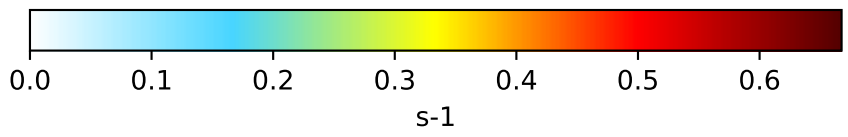
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



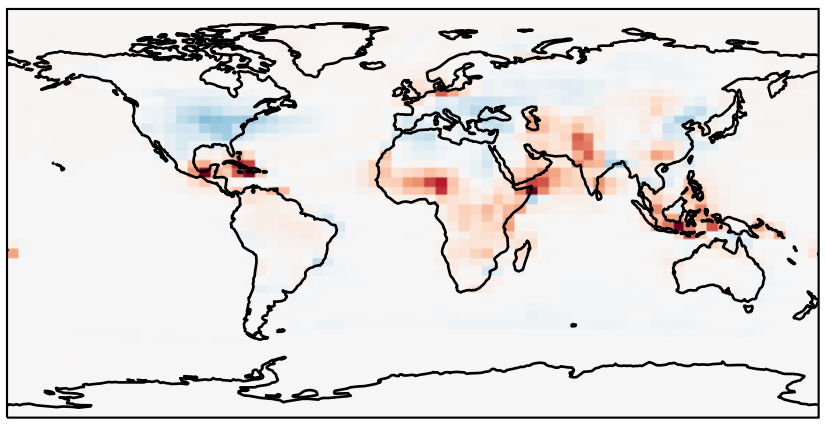


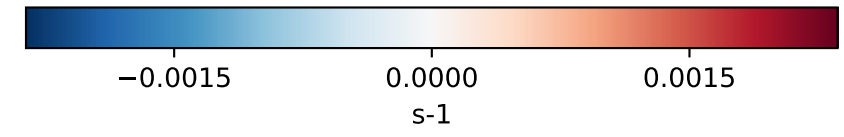
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



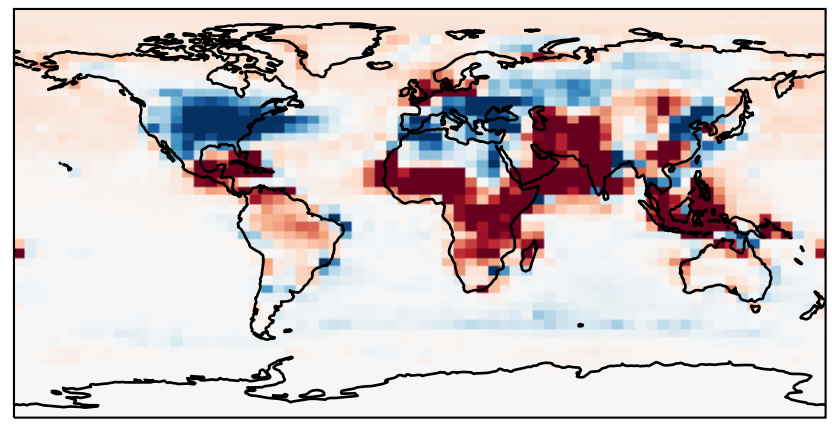


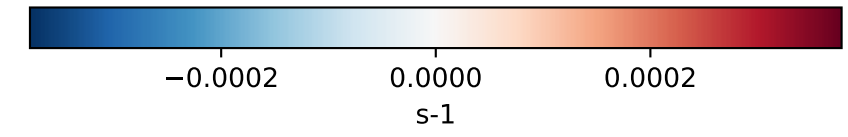
Difference
Dev - Ref, Dynamic Range



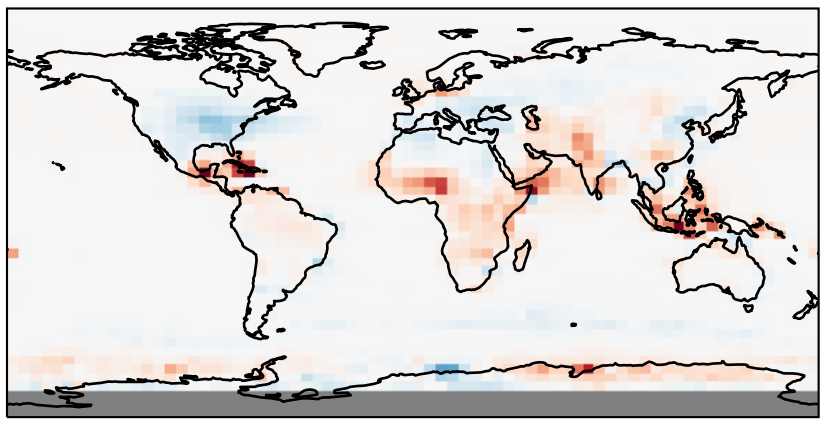


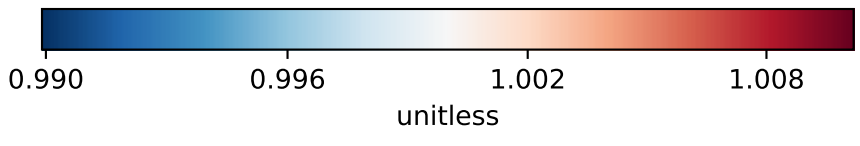
Difference
Dev - Ref, Restricted Range [5%,95%]



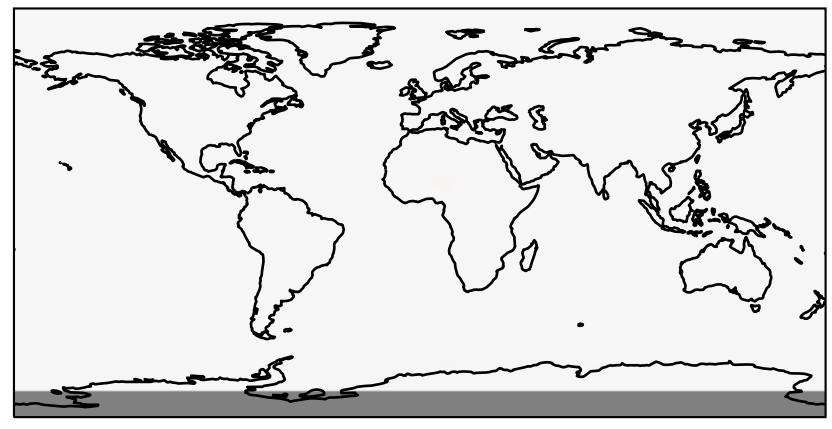


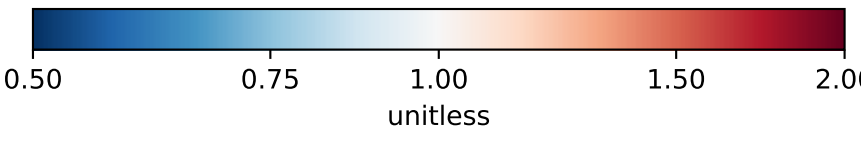
Ratio
Dev/Ref, Dynamic Range





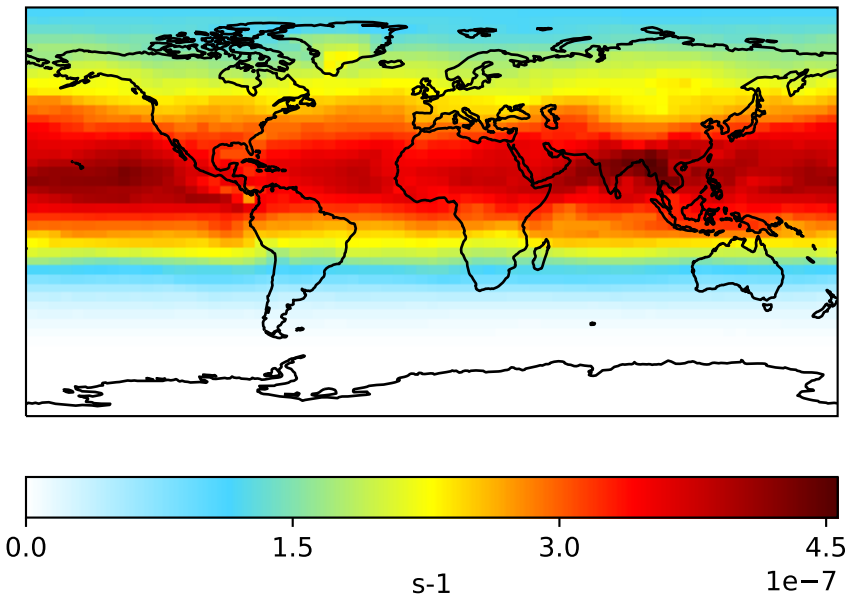
Ratio
Dev/Ref, Fixed Range



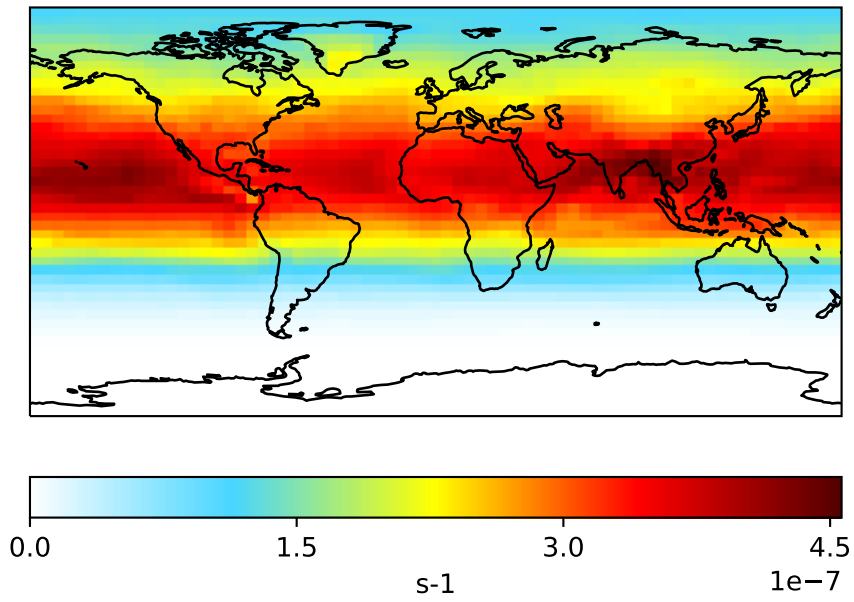


Jval_ACET

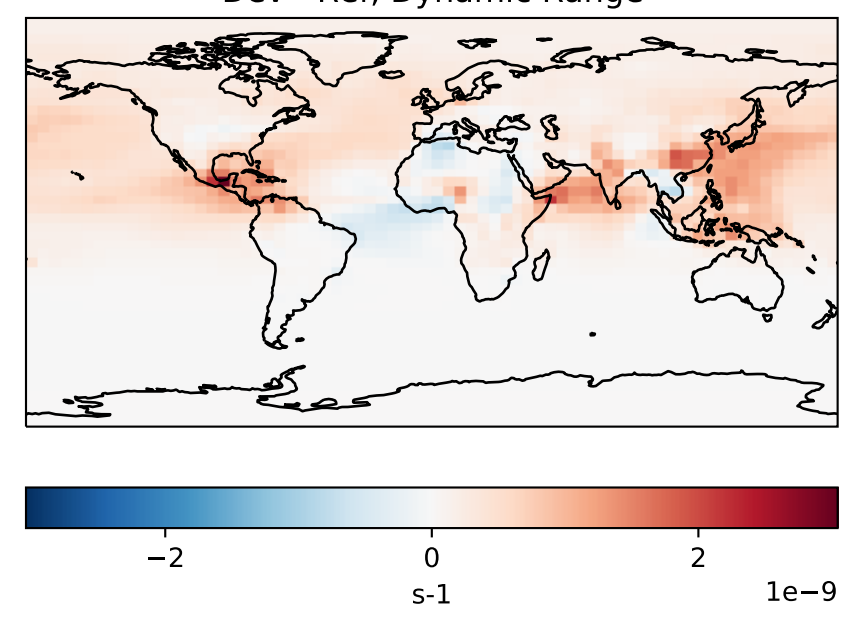
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



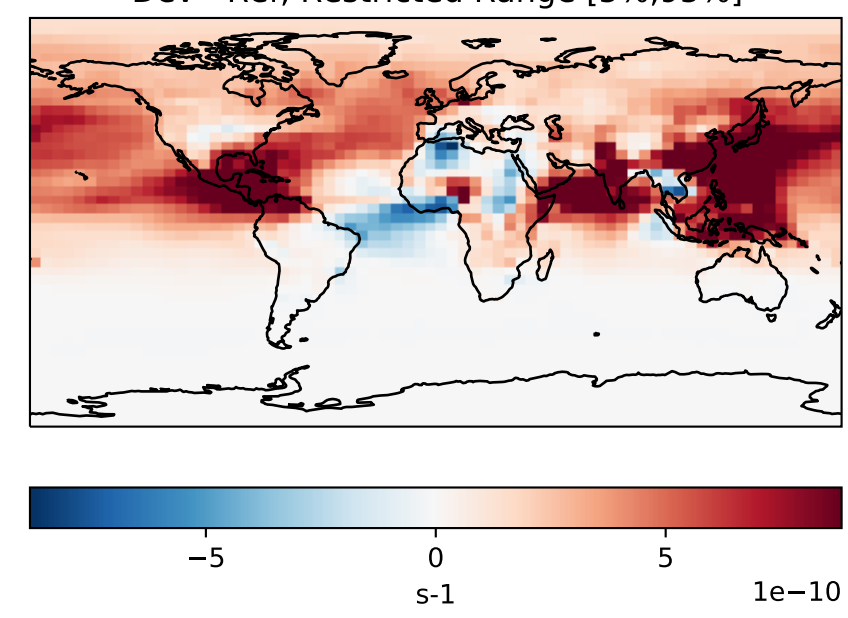
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



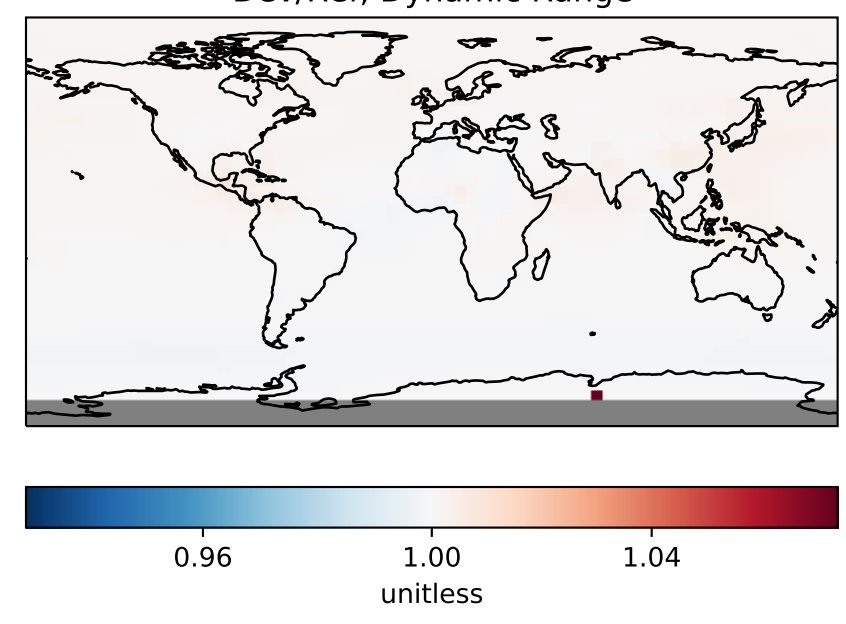
Difference
Dev - Ref, Dynamic Range



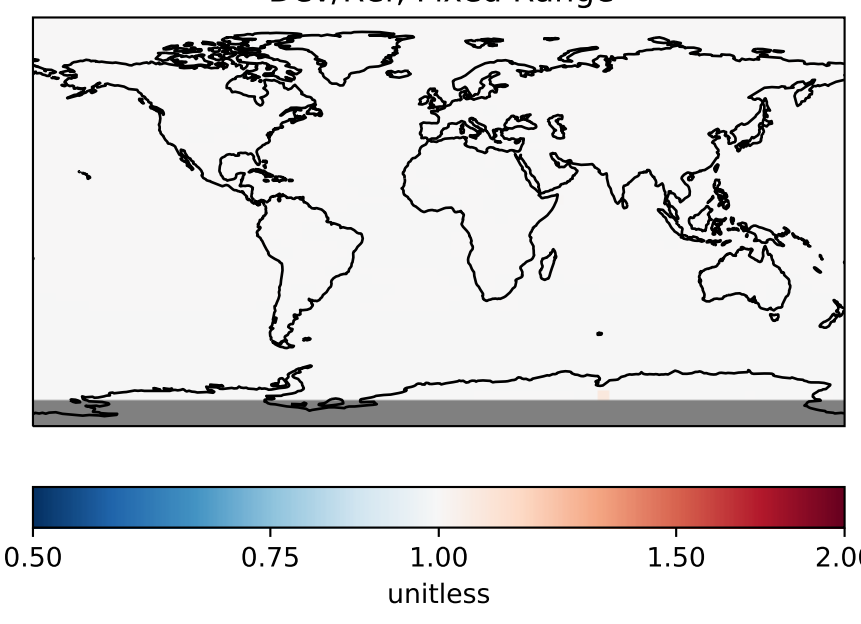
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

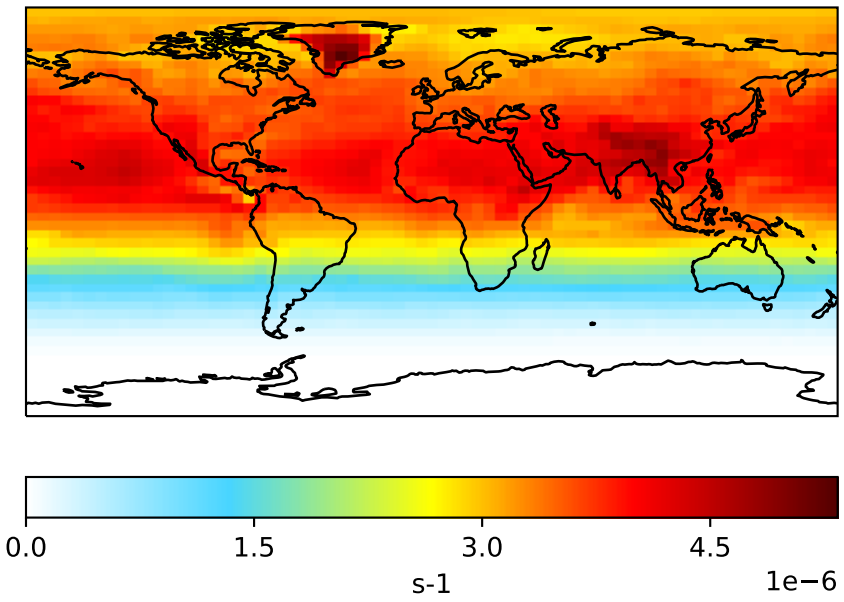


Ratio
Dev/Ref, Fixed Range

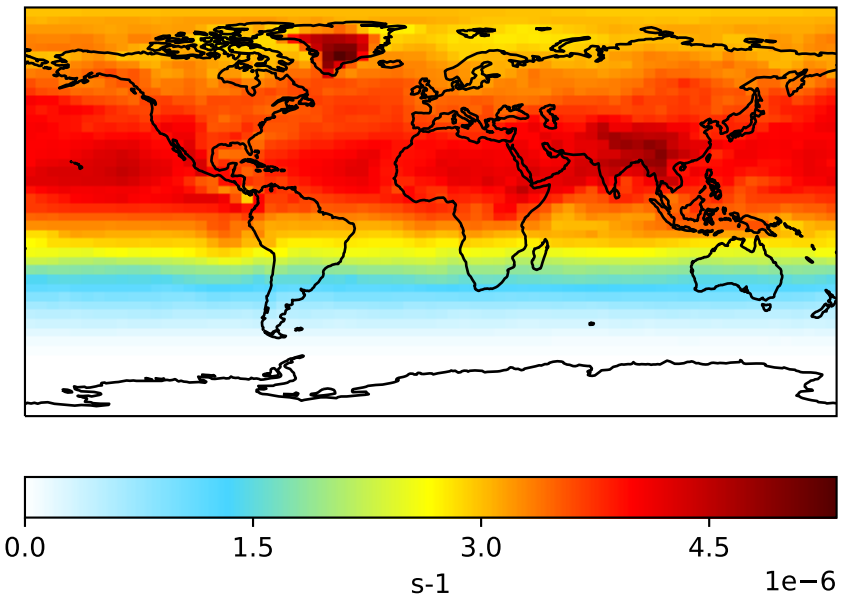


Jval_ALD2

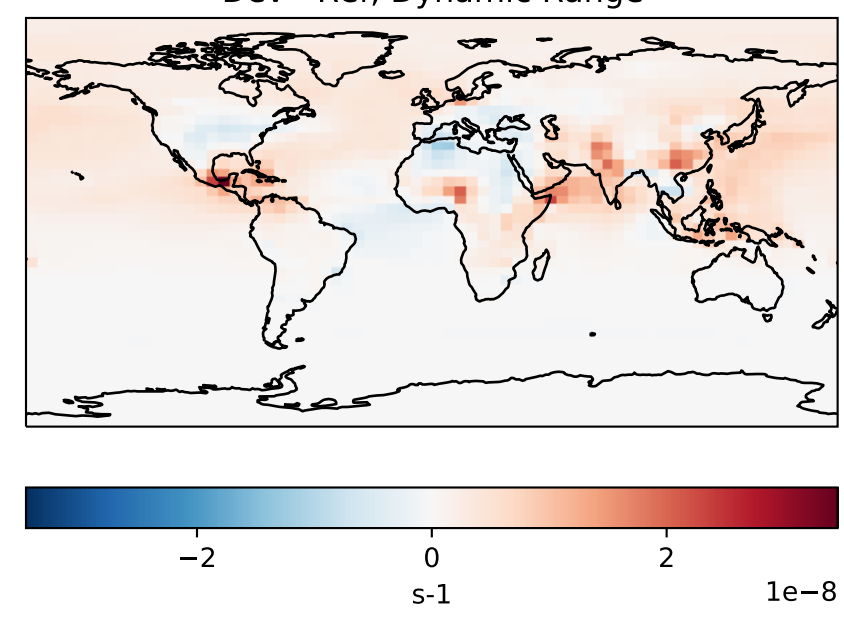
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



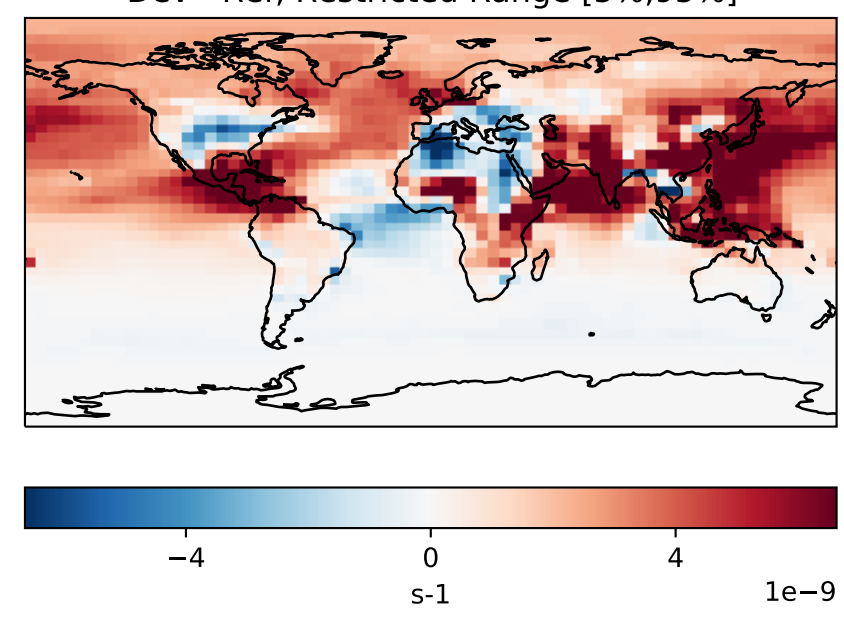
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



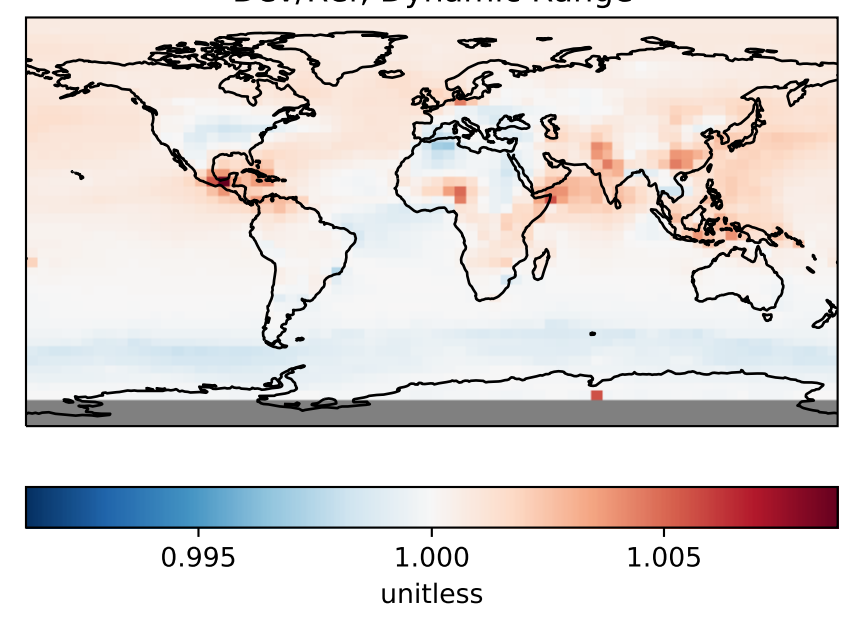
Difference
Dev - Ref, Dynamic Range



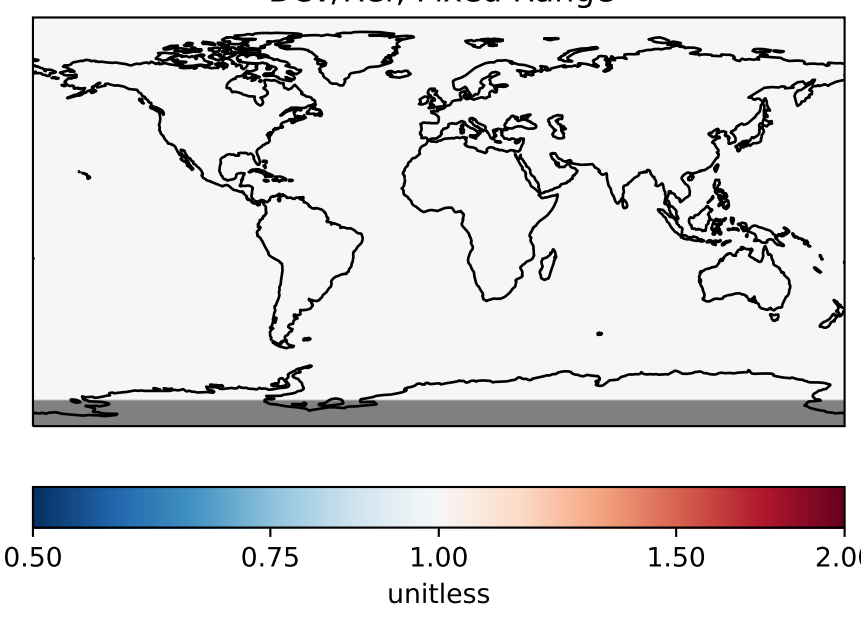
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

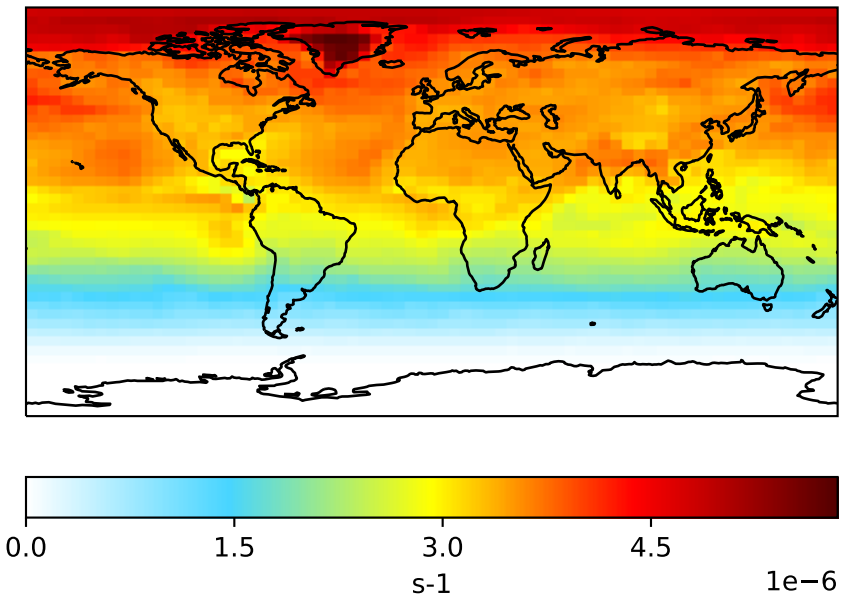


Ratio
Dev/Ref, Fixed Range

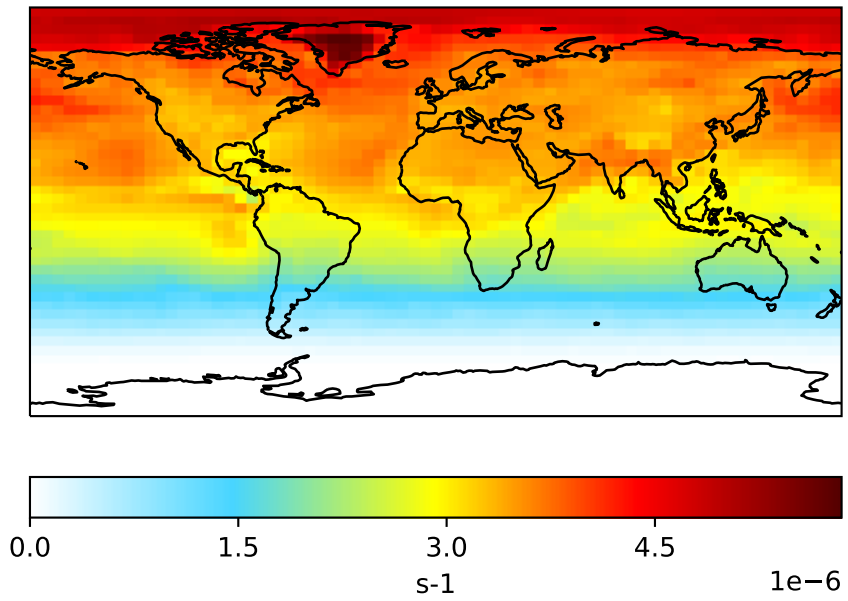


Jval_ATOOH

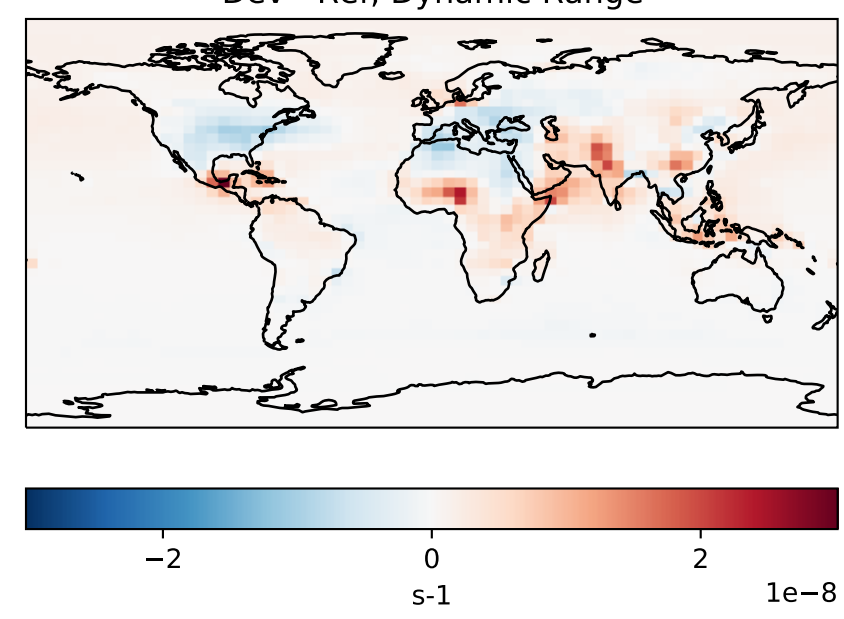
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



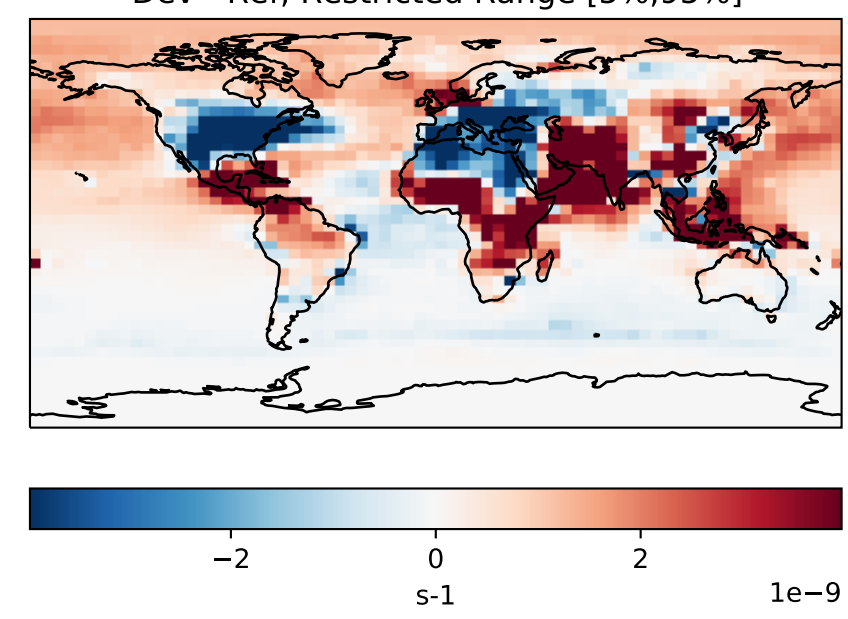
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



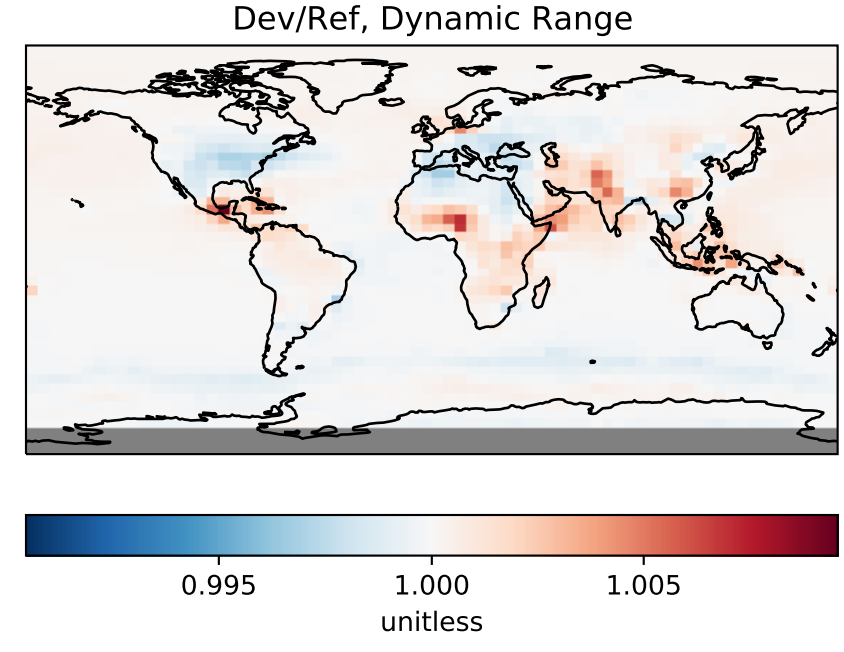
Difference
Dev - Ref, Dynamic Range



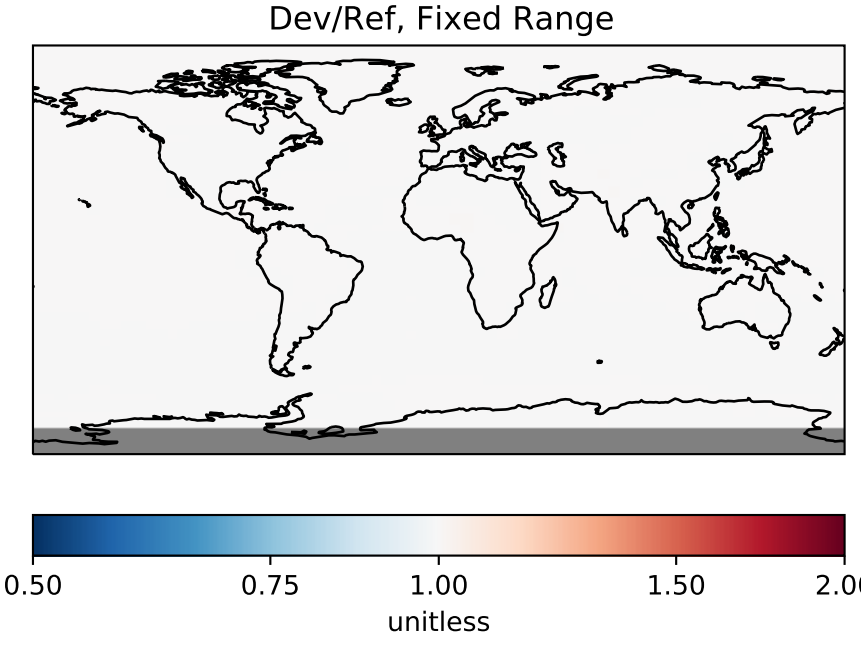
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

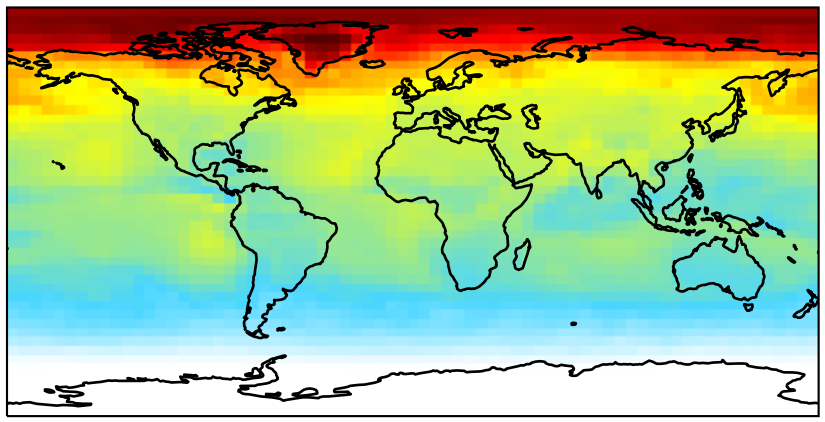


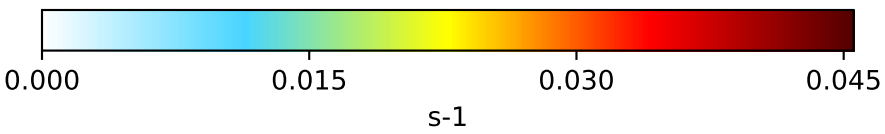
Ratio
Dev/Ref, Fixed Range



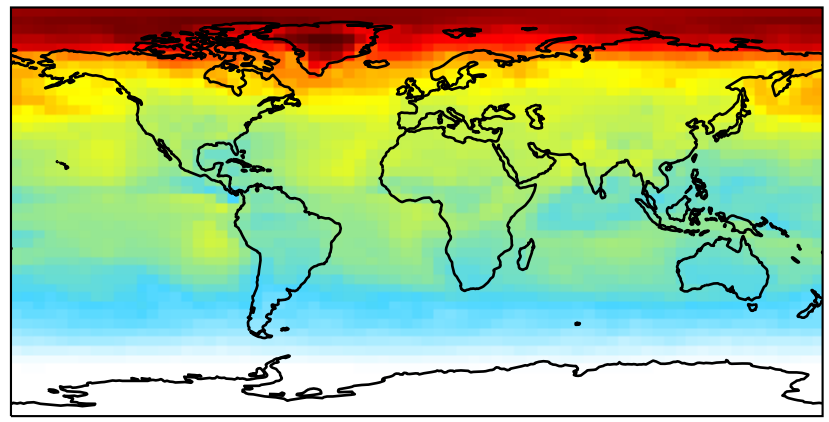
Jval_Br2

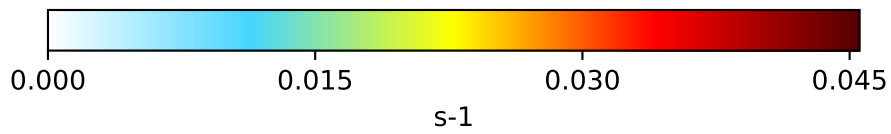
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



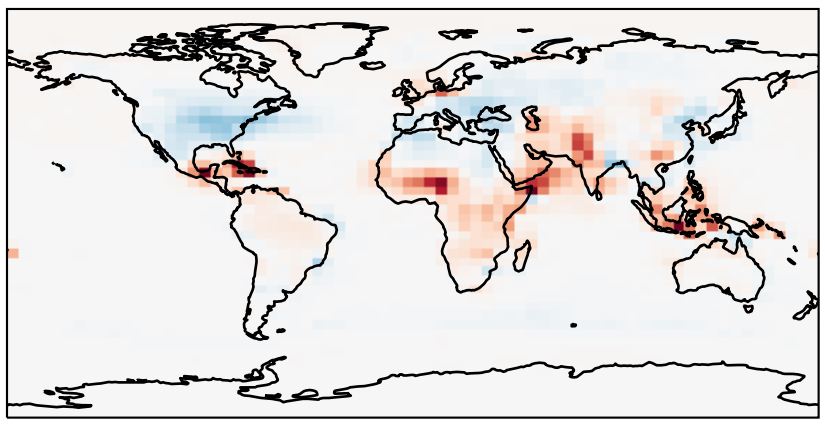


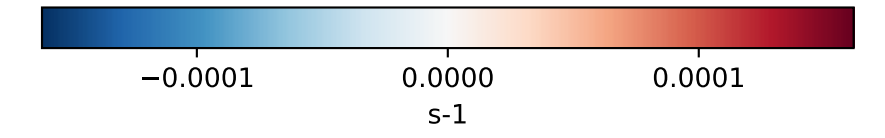
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



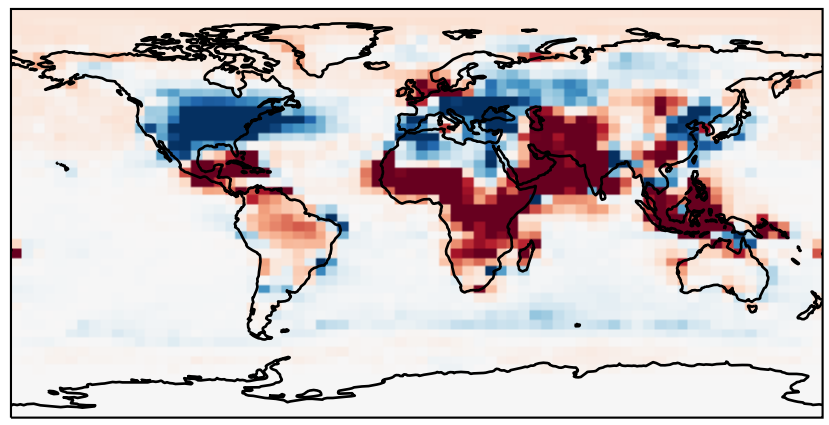


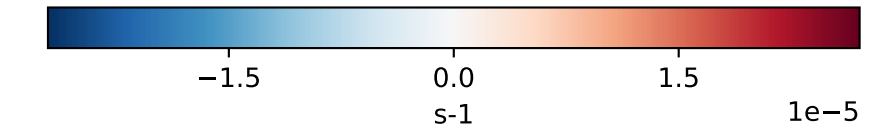
Difference
Dev - Ref, Dynamic Range



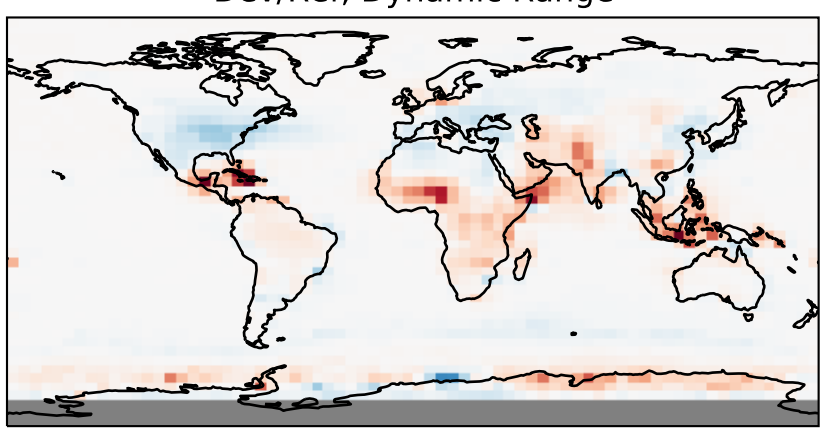


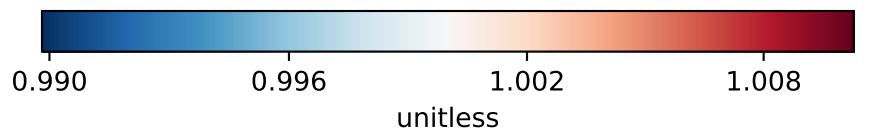
Difference
Dev - Ref, Restricted Range [5%,95%]





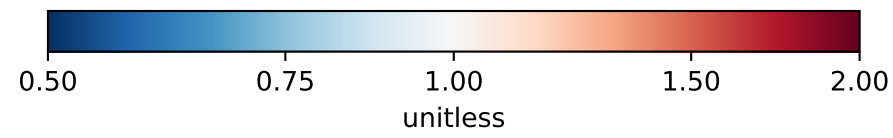
Ratio
Dev/Ref, Dynamic Range





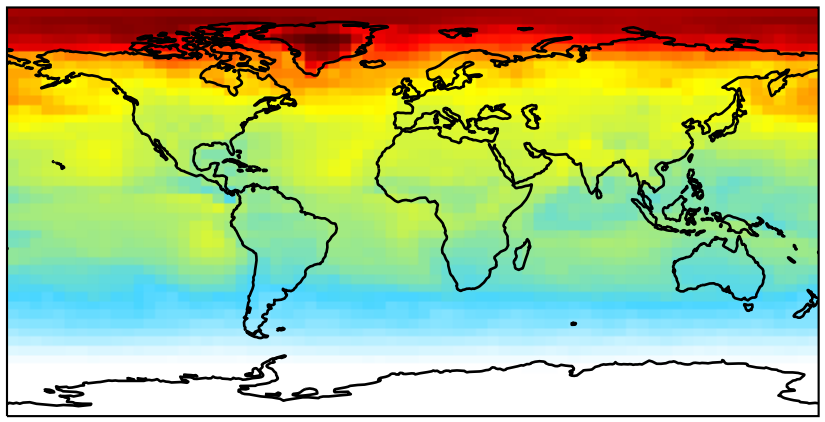
Ratio
Dev/Ref, Fixed Range

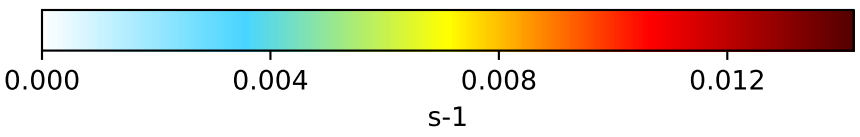




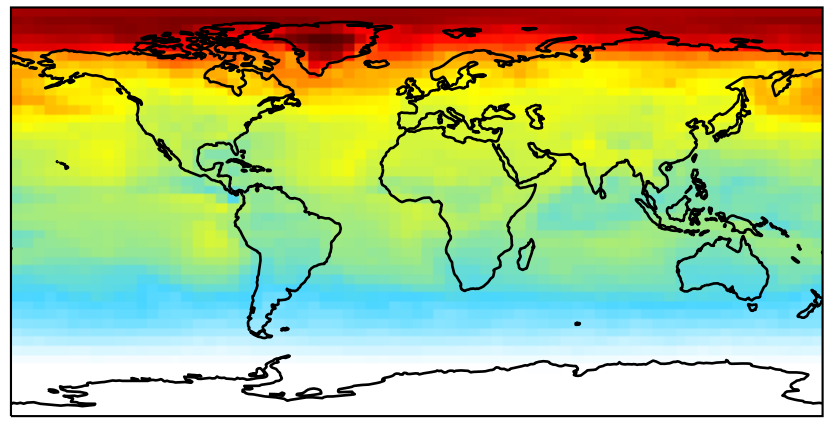
Jval_BrCl

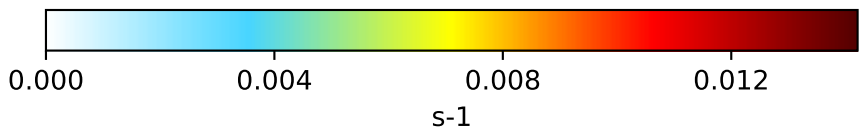
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



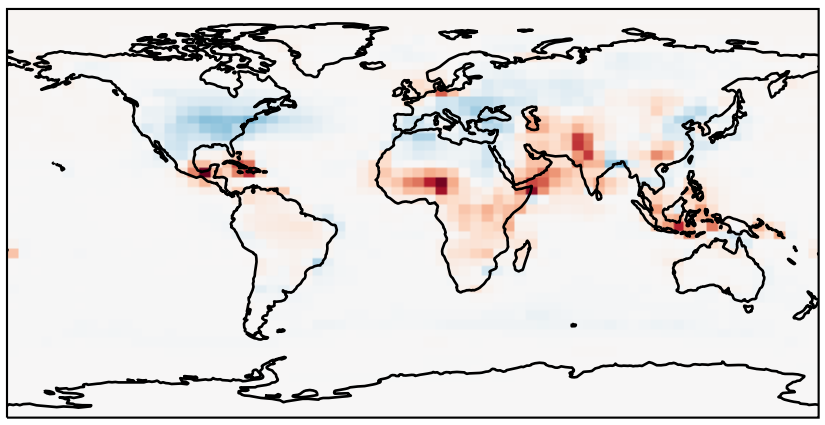


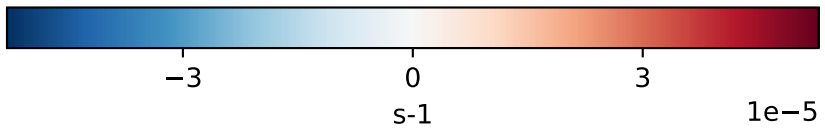
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



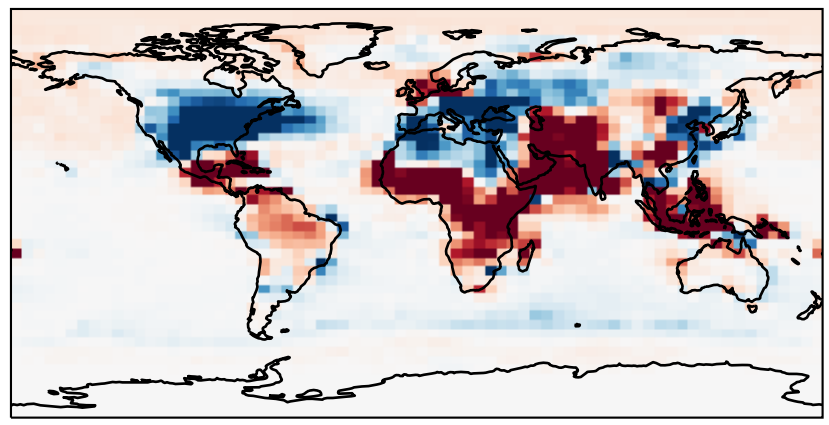


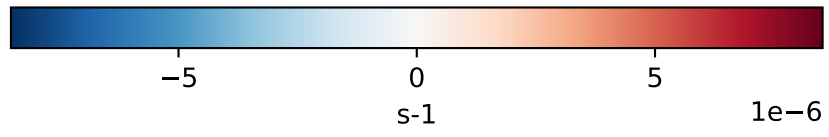
Difference
Dev - Ref, Dynamic Range



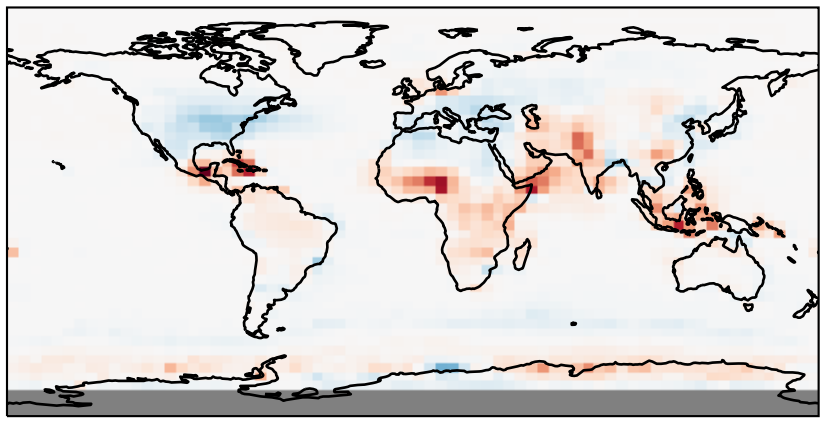


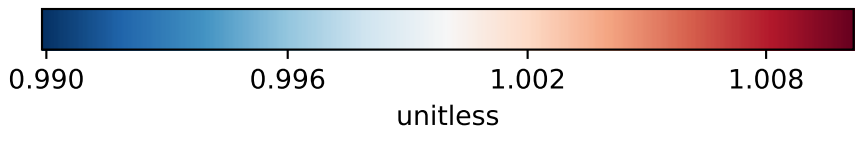
Difference
Dev - Ref, Restricted Range [5%,95%]



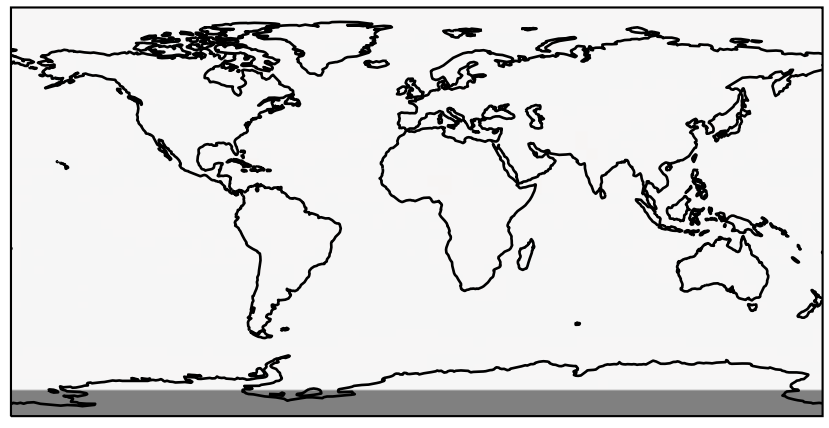


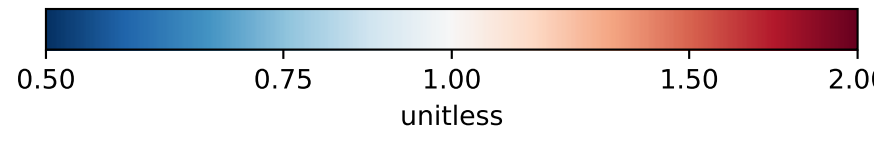
Ratio
Dev/Ref, Dynamic Range





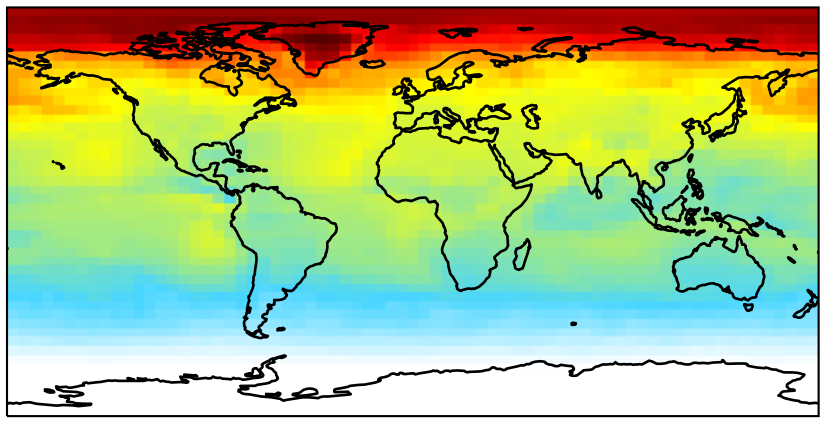
Ratio
Dev/Ref, Fixed Range

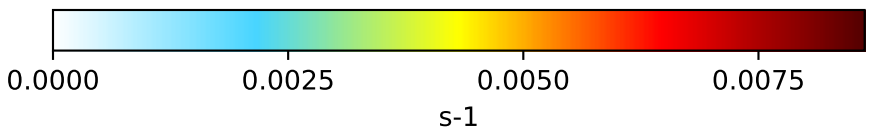




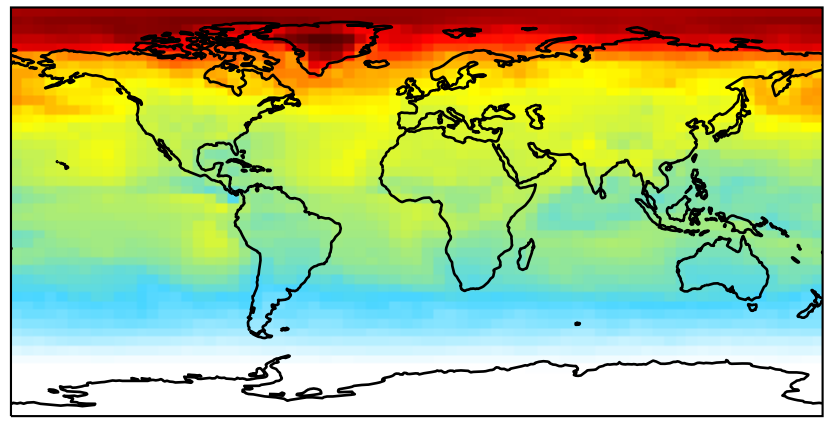
Jval_BrNO2

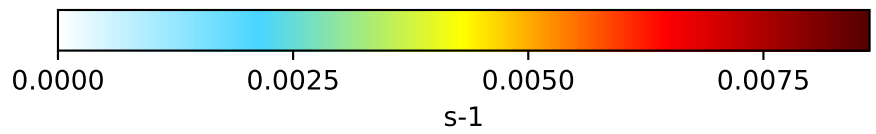
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



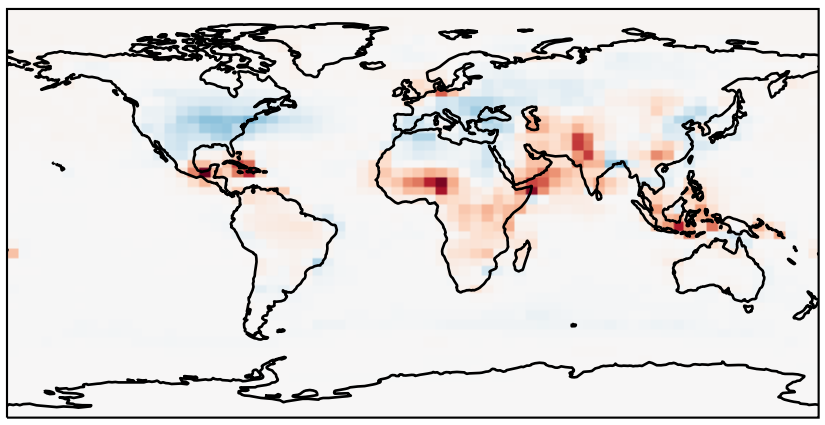


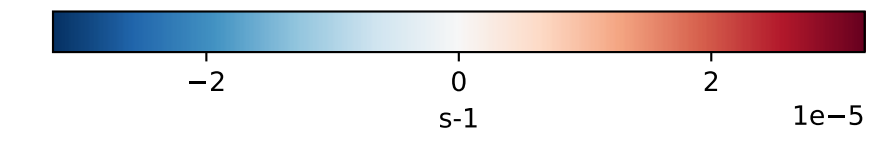
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



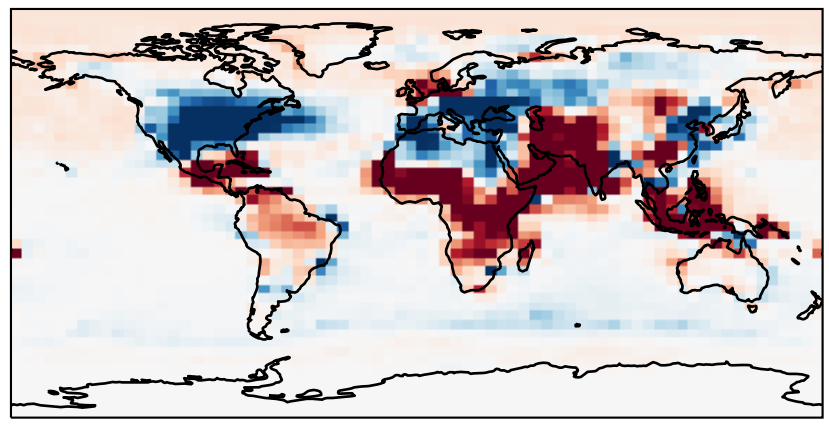


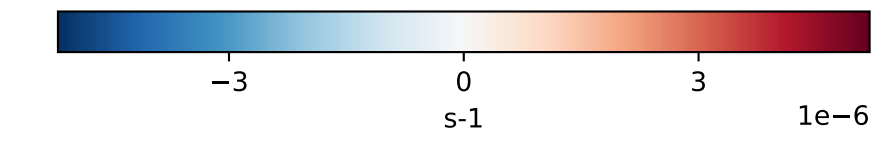
Difference
Dev - Ref, Dynamic Range



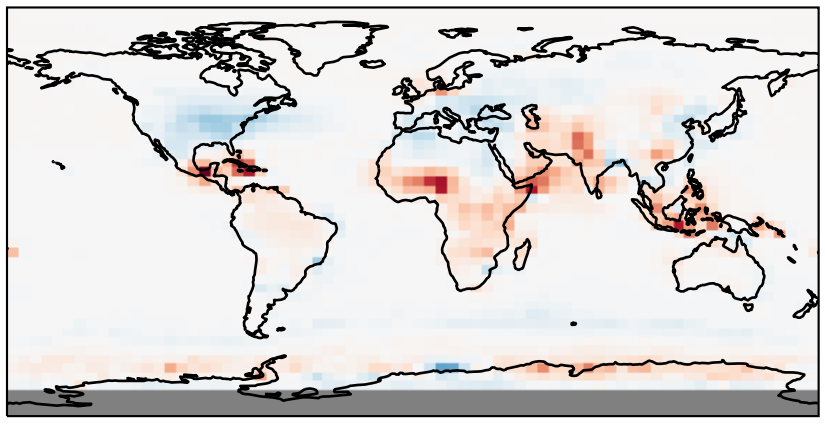


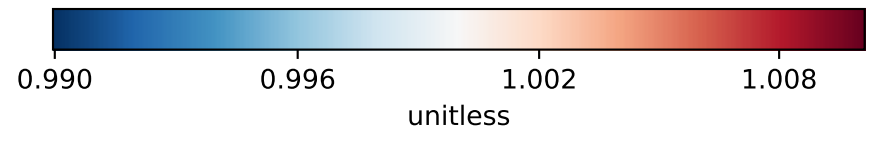
Difference
Dev - Ref, Restricted Range [5%,95%]



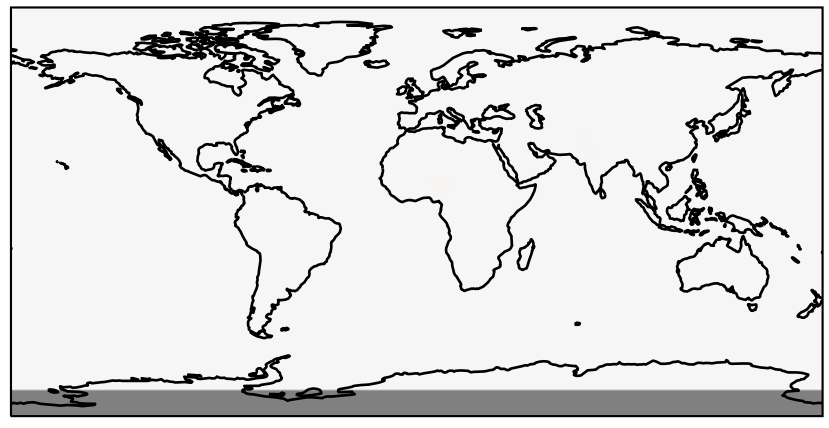


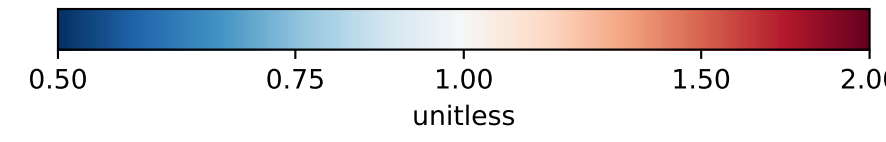
Ratio
Dev/Ref, Dynamic Range





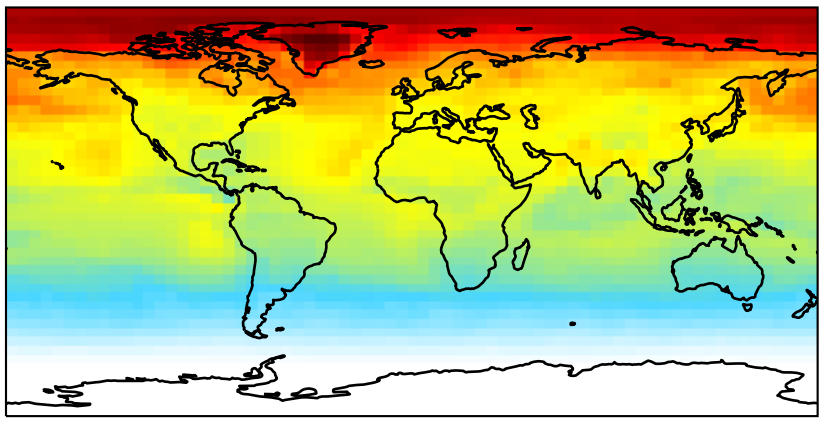
Ratio
Dev/Ref, Fixed Range

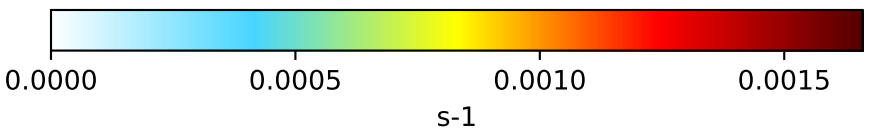




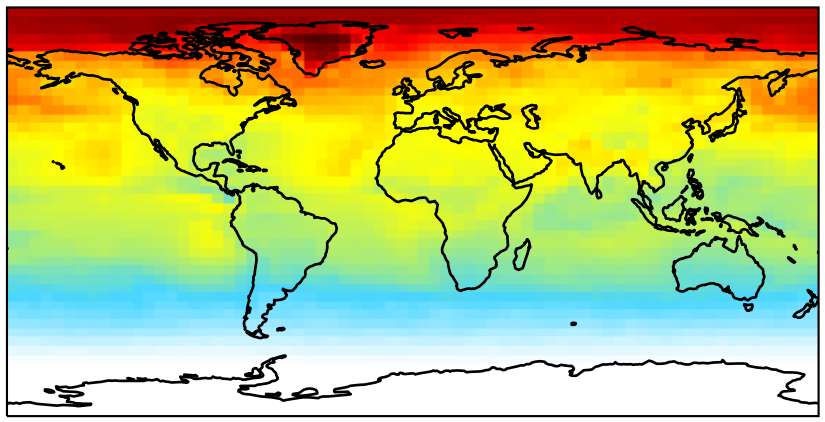
Jval_BrNO3

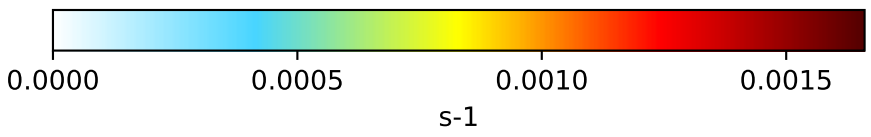
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



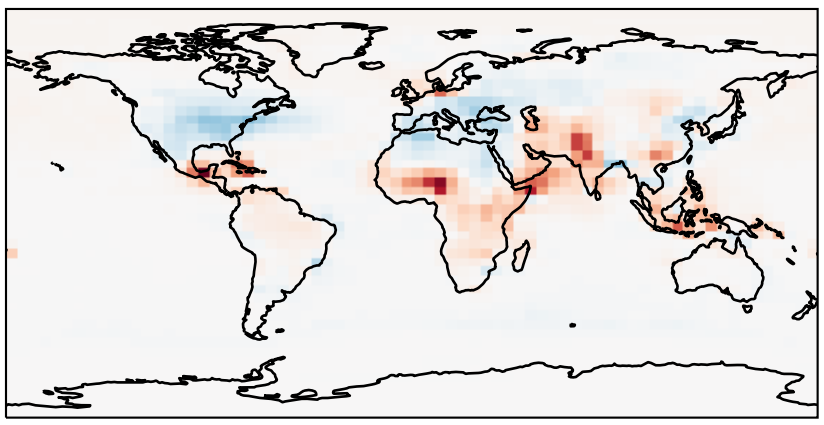


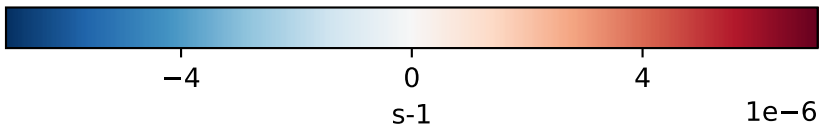
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



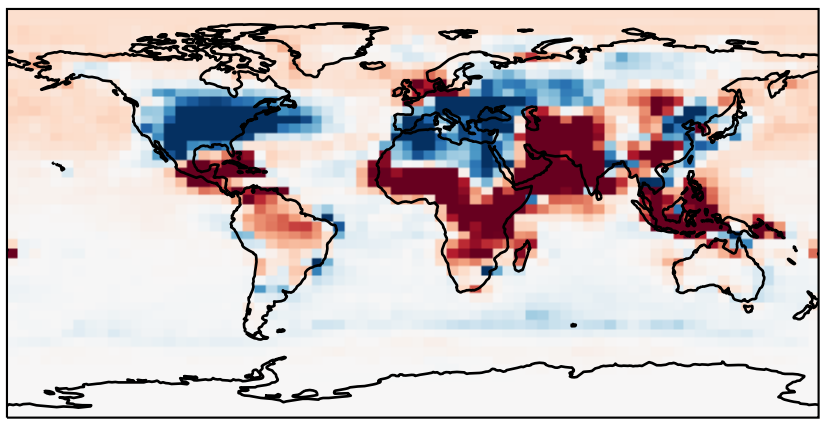


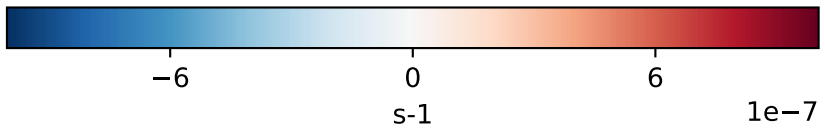
Difference
Dev - Ref, Dynamic Range



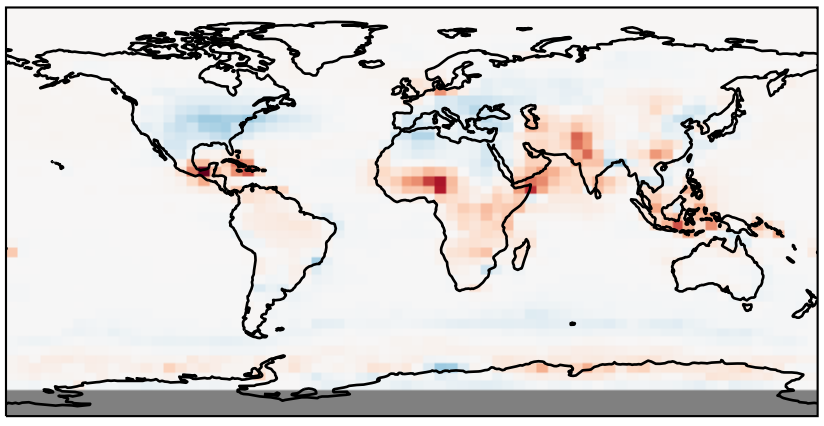


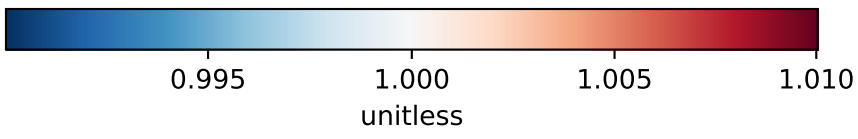
Difference
Dev - Ref, Restricted Range [5%,95%]



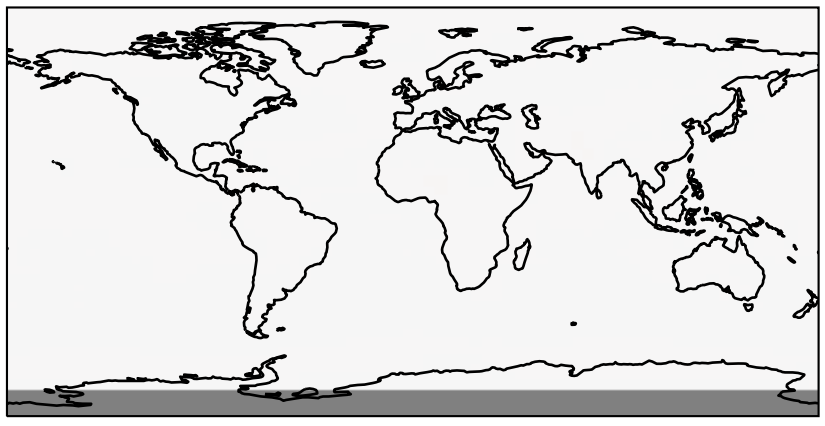


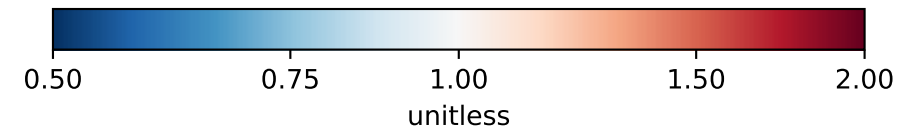
Ratio
Dev/Ref, Dynamic Range





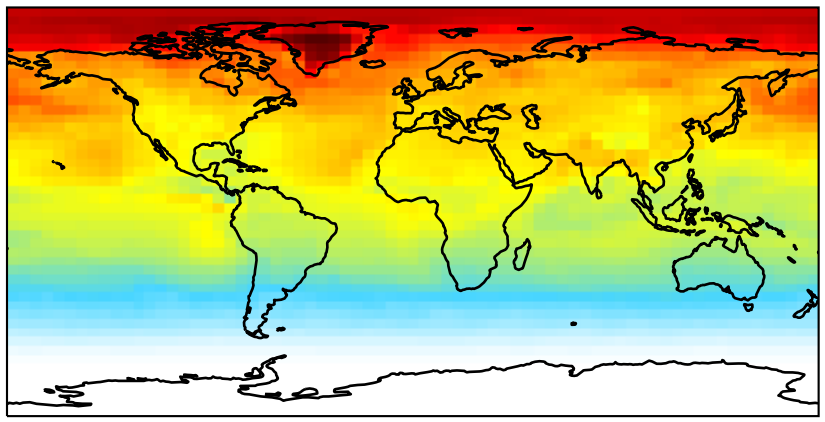
Ratio
Dev/Ref, Fixed Range

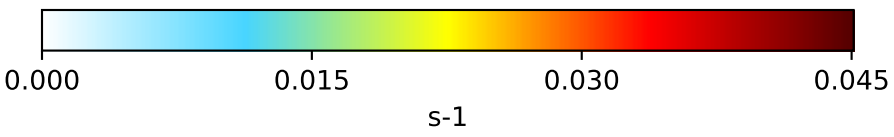




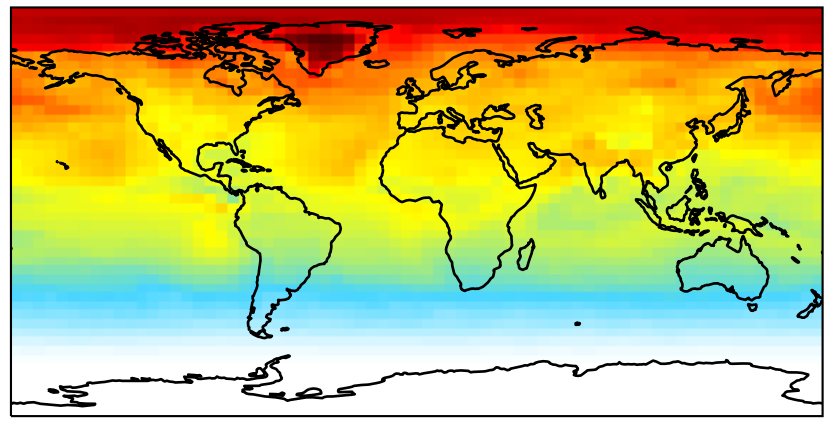
Jval_BrO

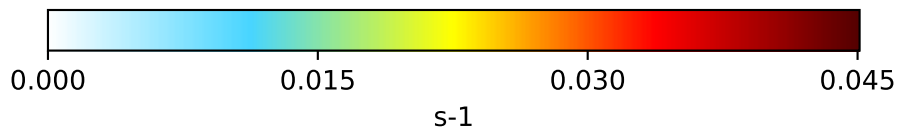
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



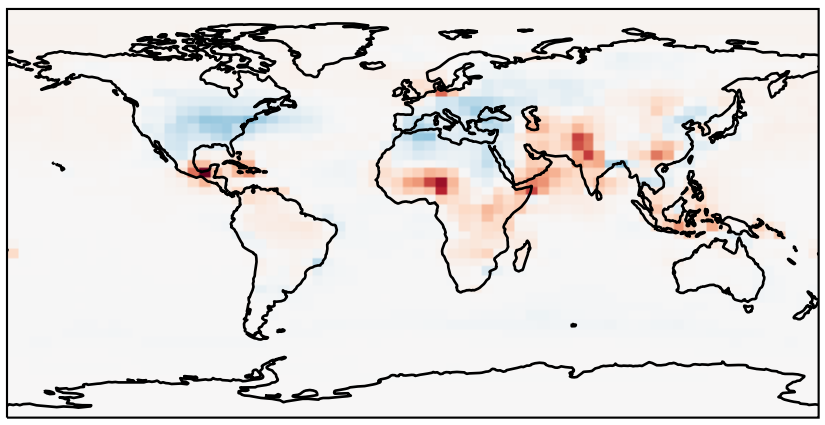


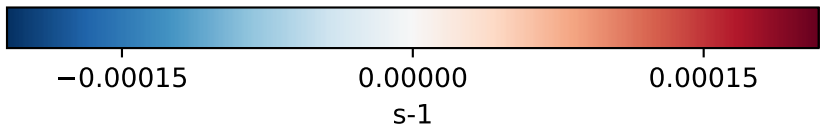
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



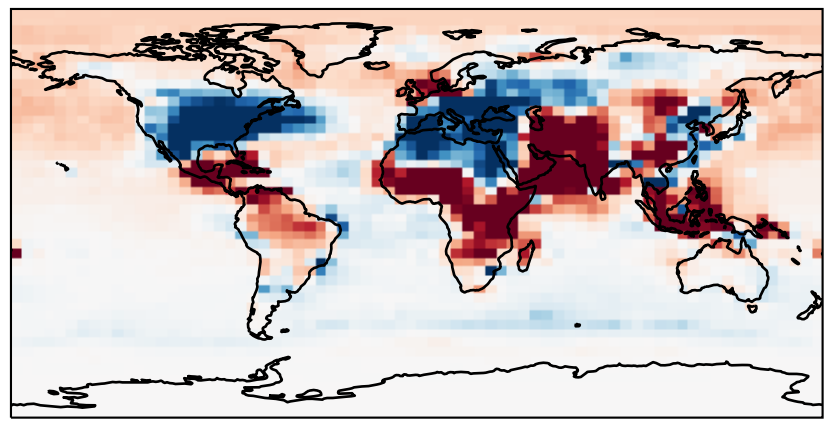


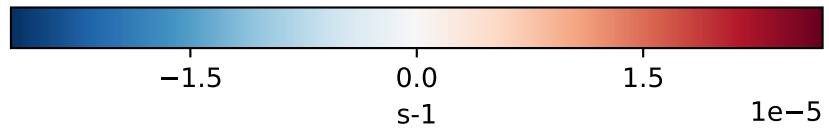
Difference
Dev - Ref, Dynamic Range



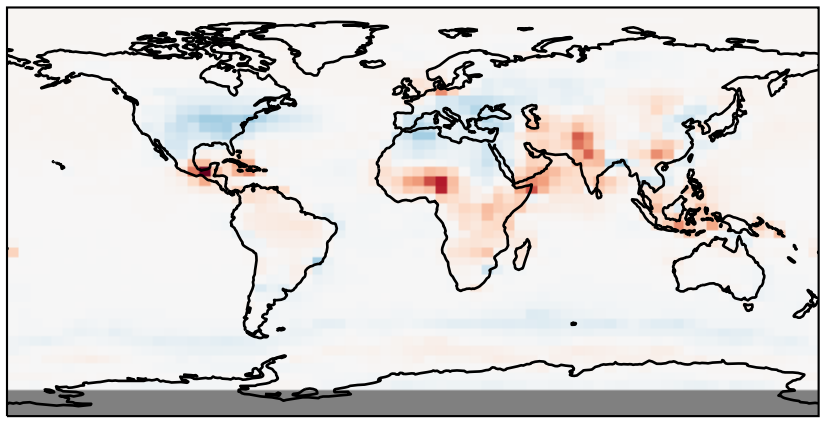


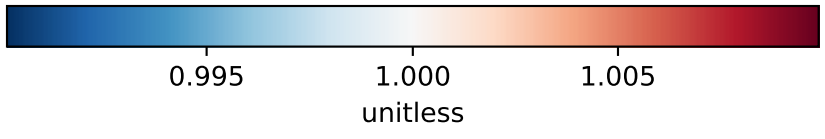
Difference
Dev - Ref, Restricted Range [5%,95%]



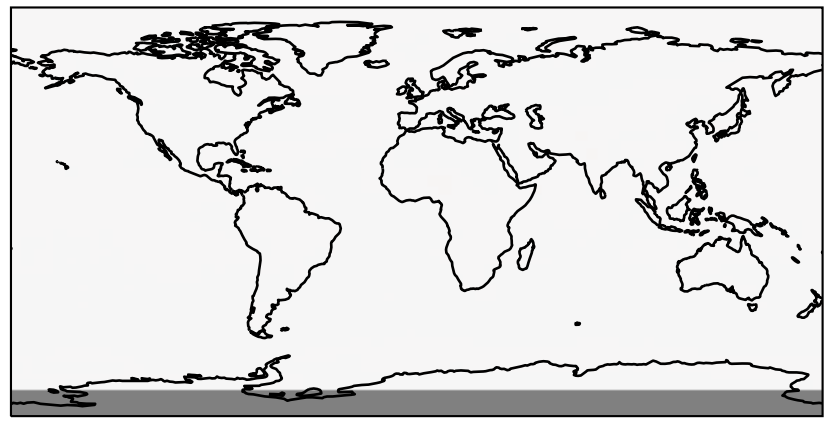


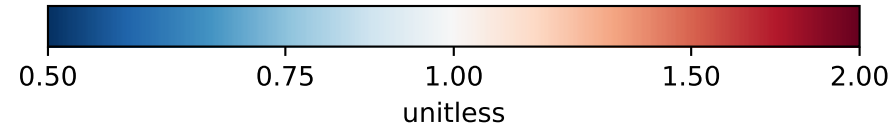
Ratio
Dev/Ref, Dynamic Range





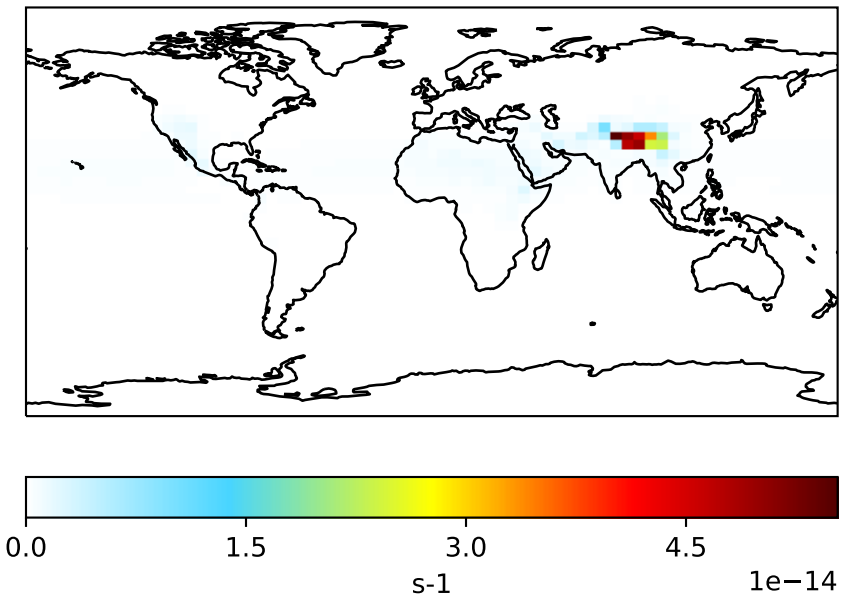
Ratio
Dev/Ref, Fixed Range



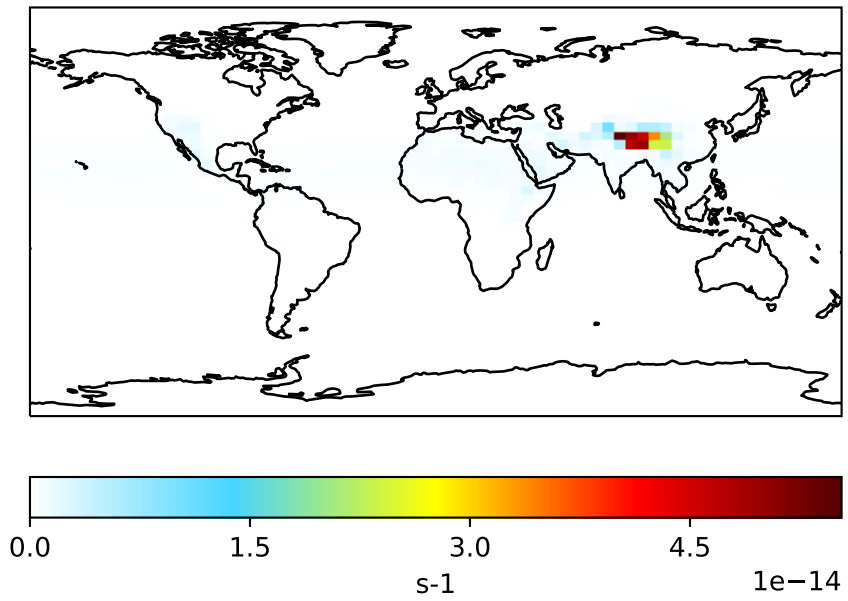


Jval_CCl4

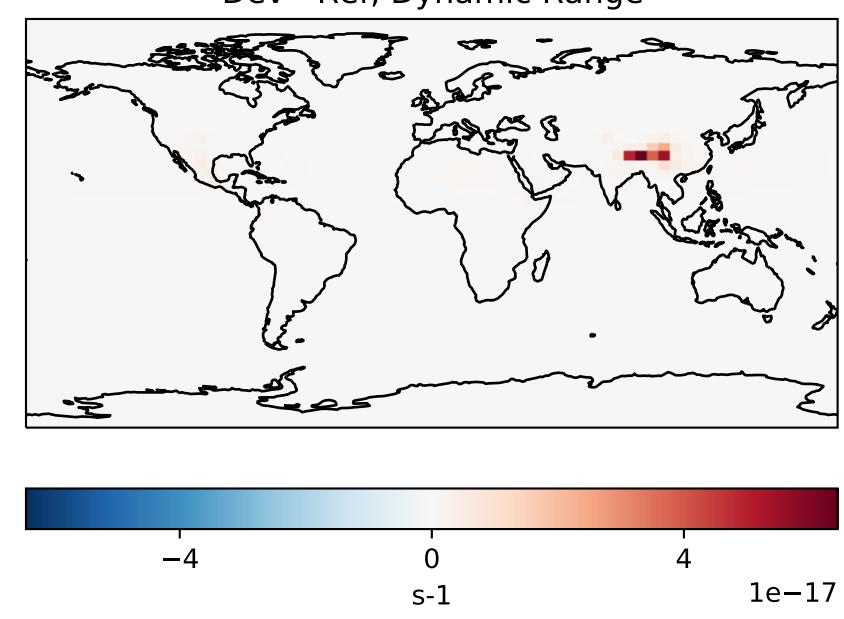
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



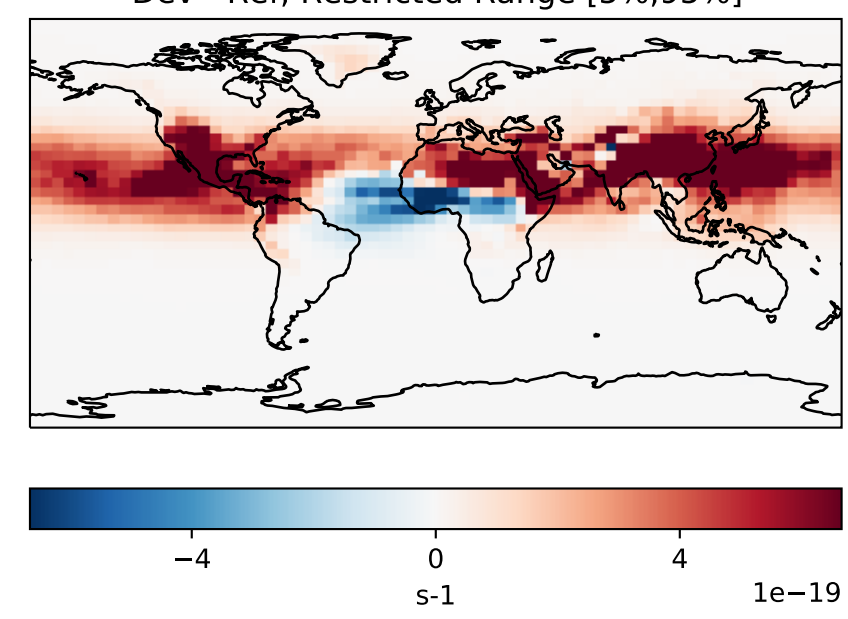
GCC_13.2.0-beta.0 (Dev)
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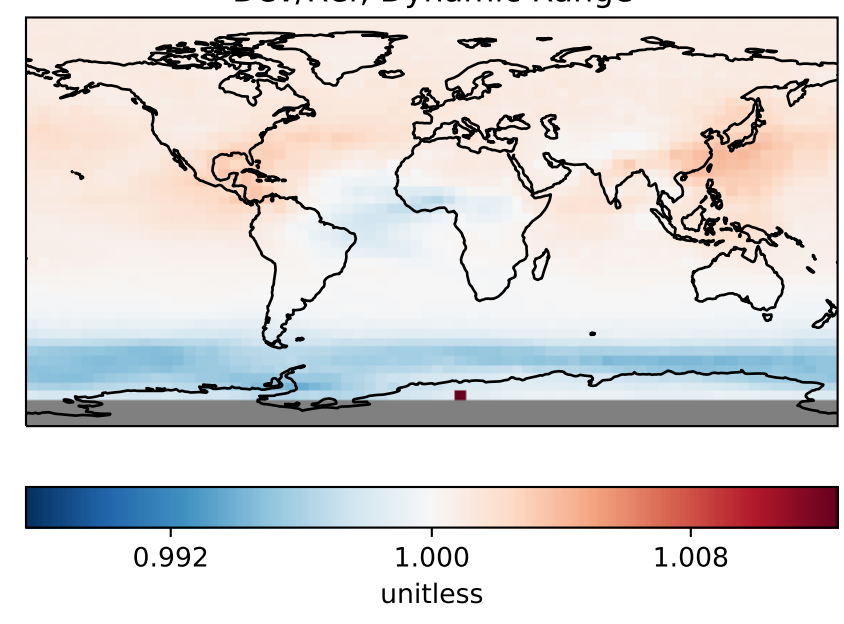
Difference
Dev - Ref, Dynamic Range



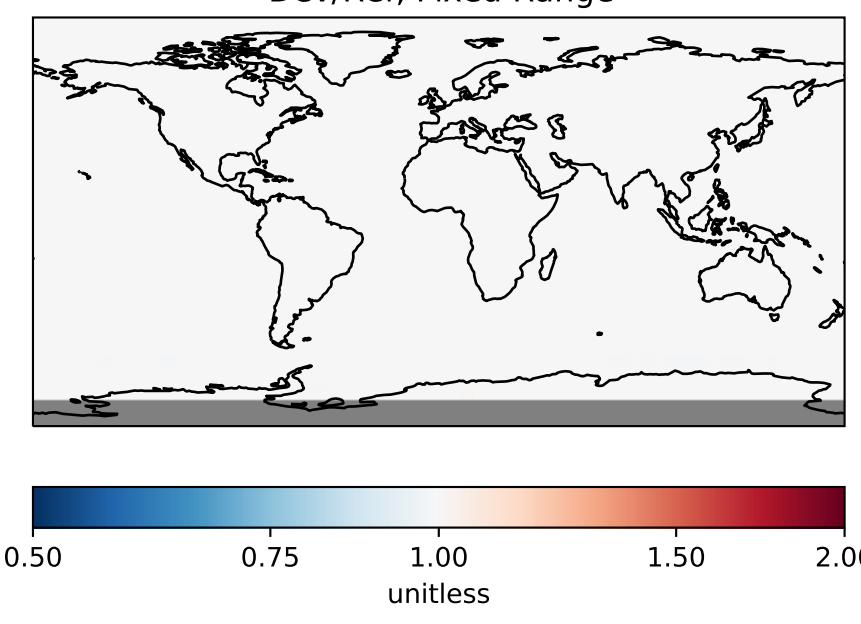
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

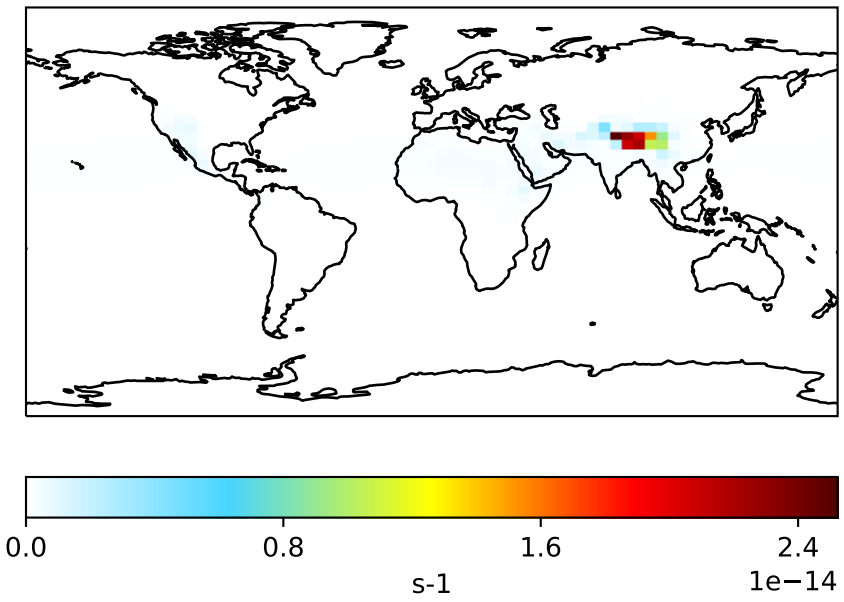


Ratio
Dev/Ref, Fixed Range

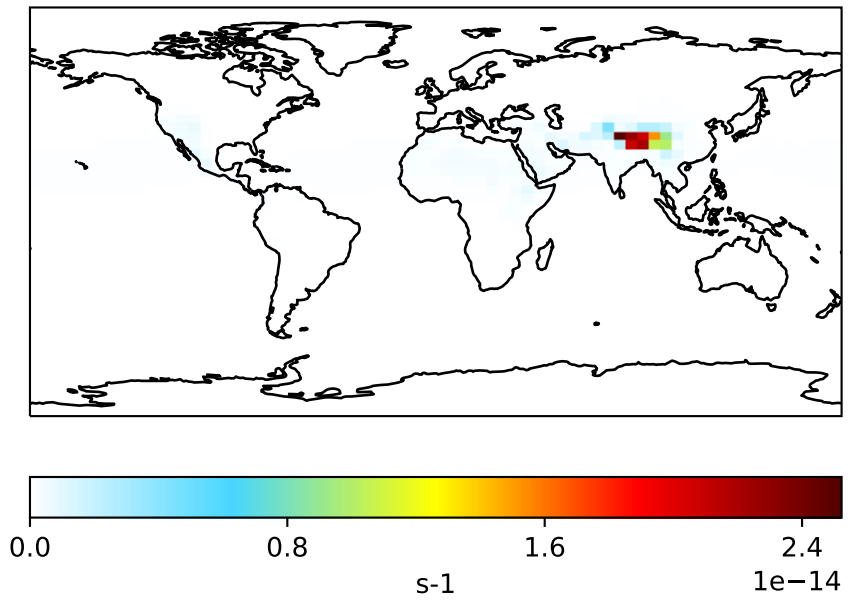


Jval_CFC11

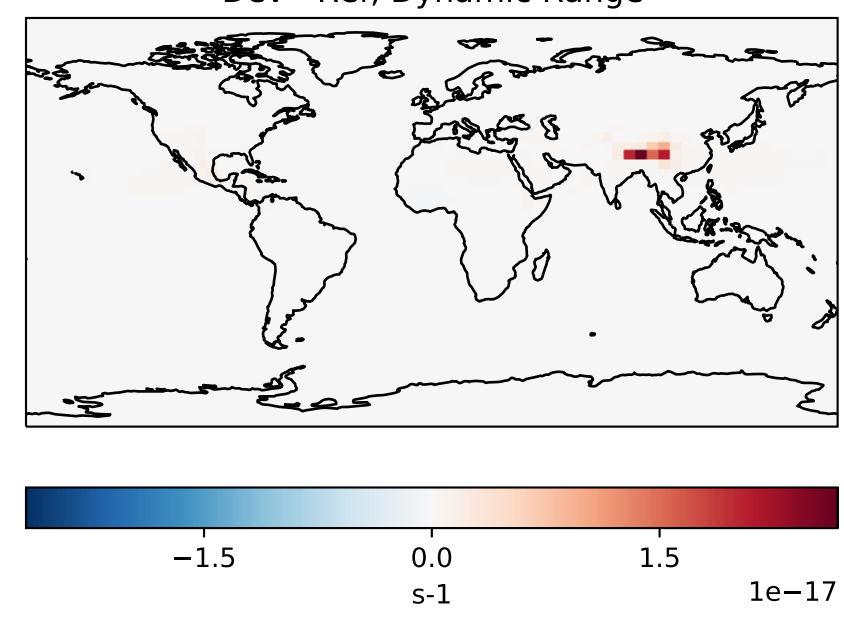
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



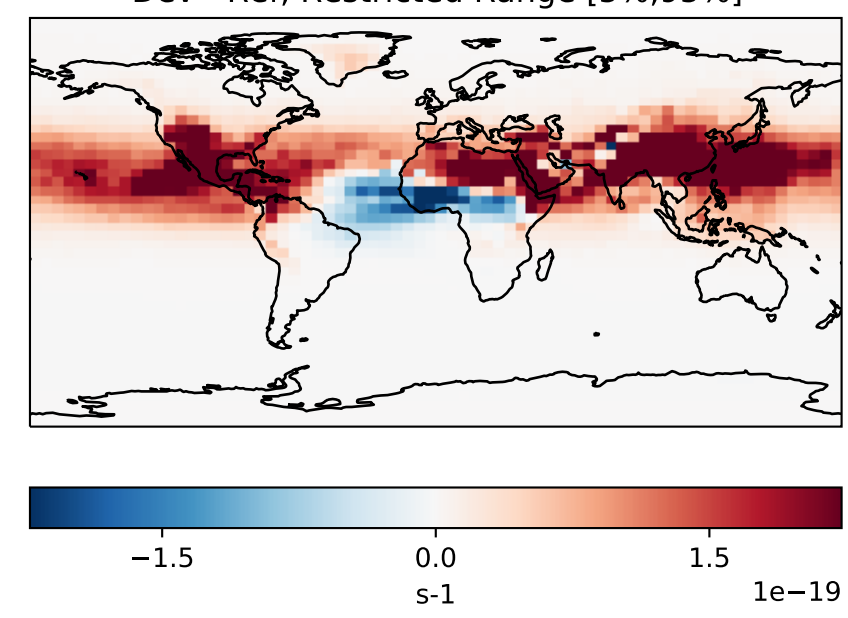
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



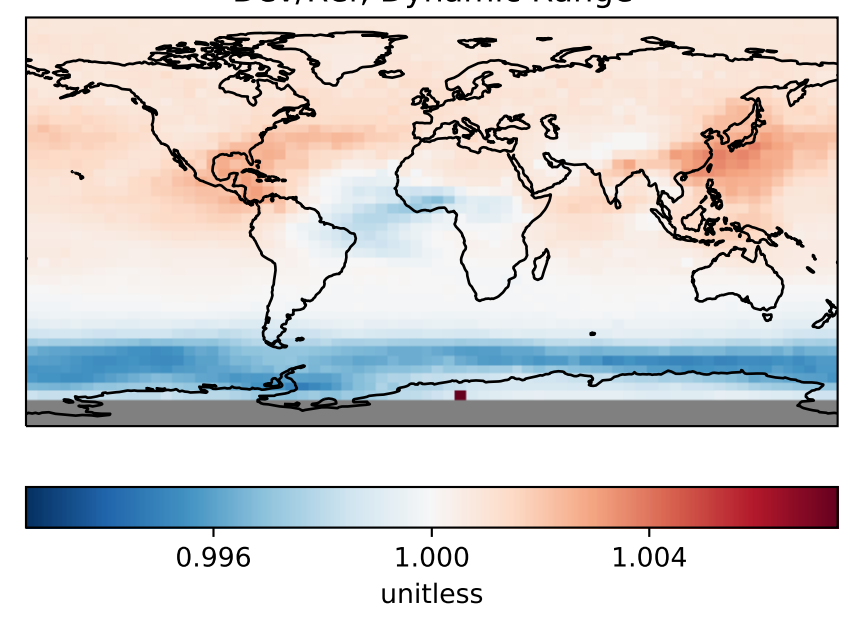
Difference
Dev - Ref, Dynamic Range



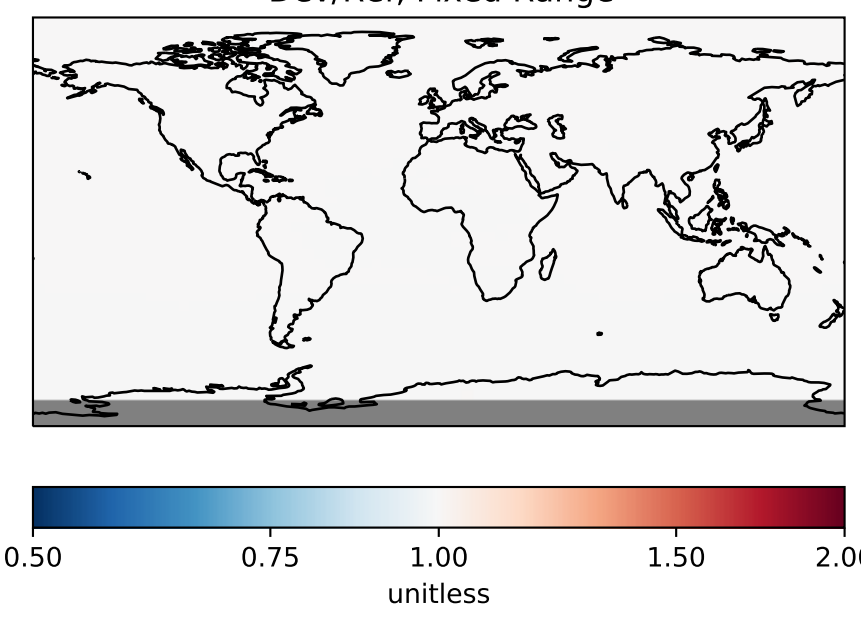
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

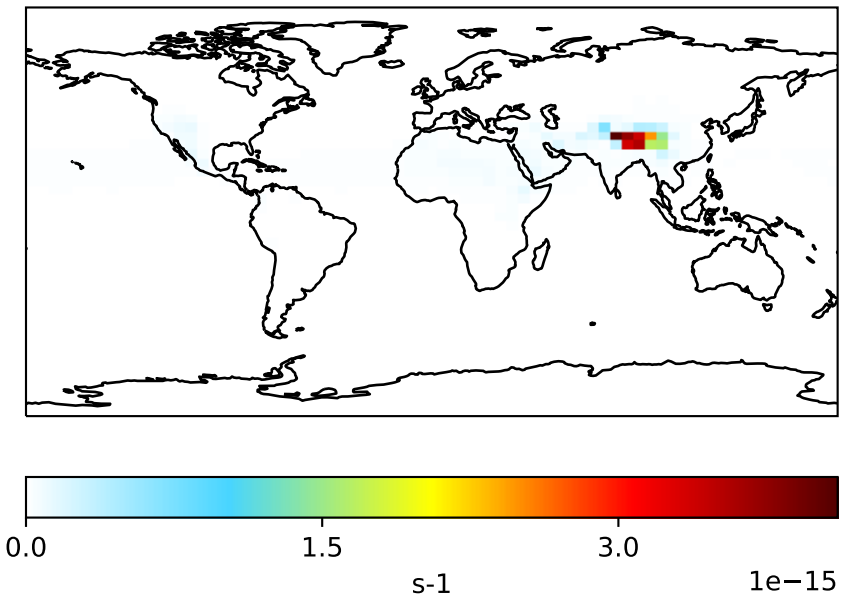


Ratio
Dev/Ref, Fixed Range

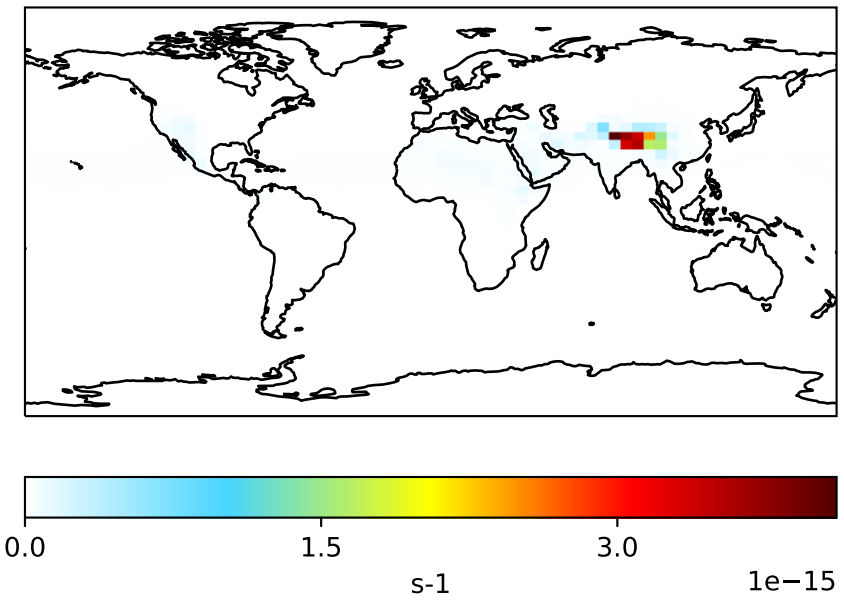


Jval_CFC113

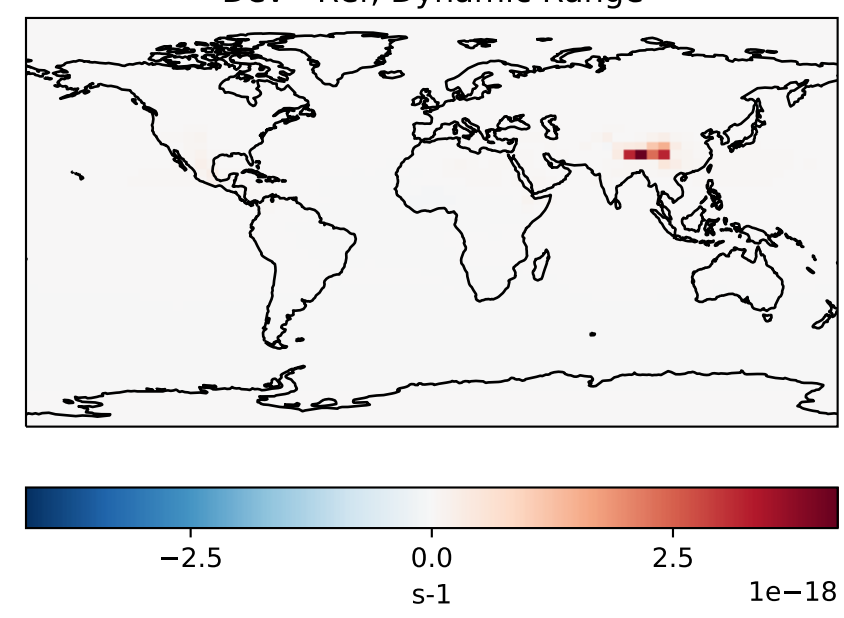
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



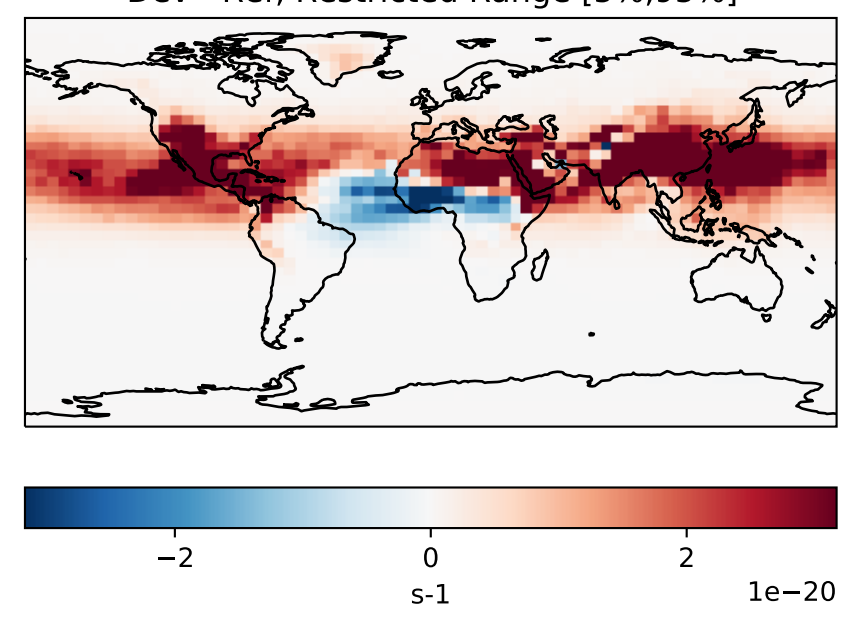
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



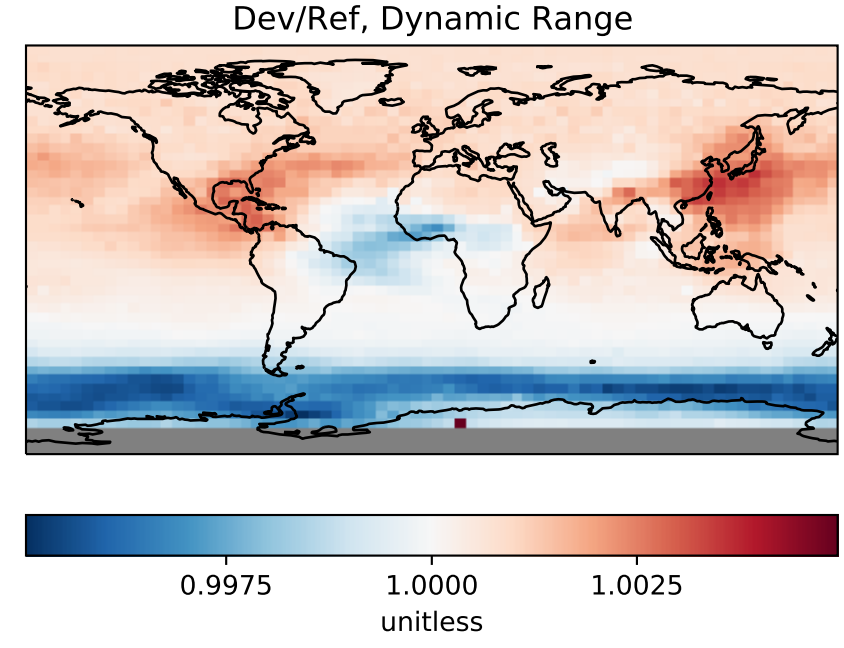
Difference
Dev - Ref, Dynamic Range



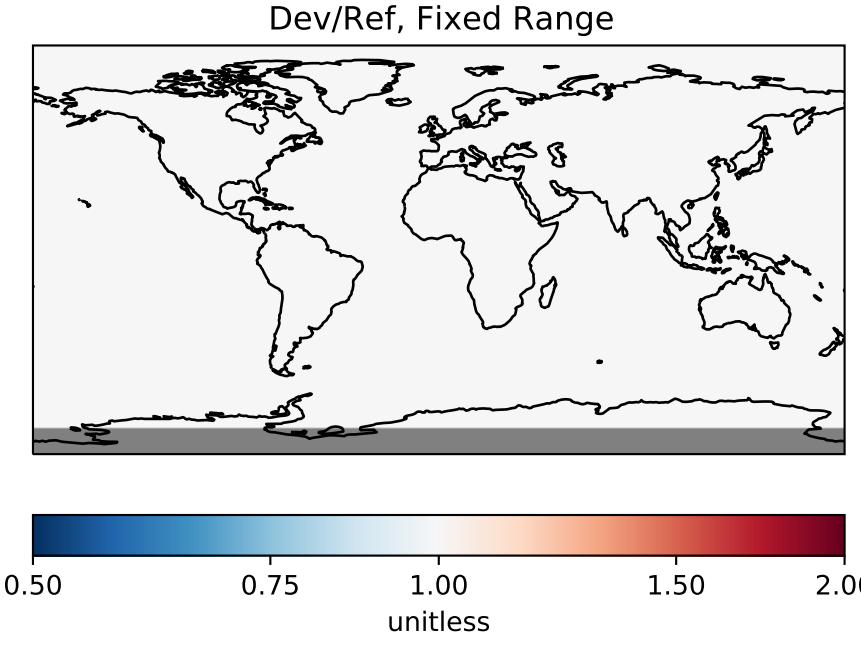
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

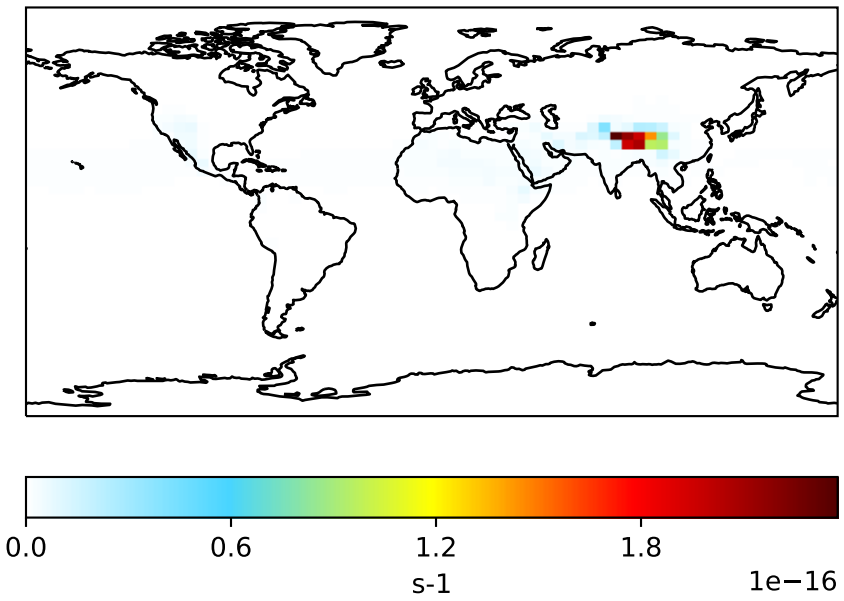


Ratio
Dev/Ref, Fixed Range

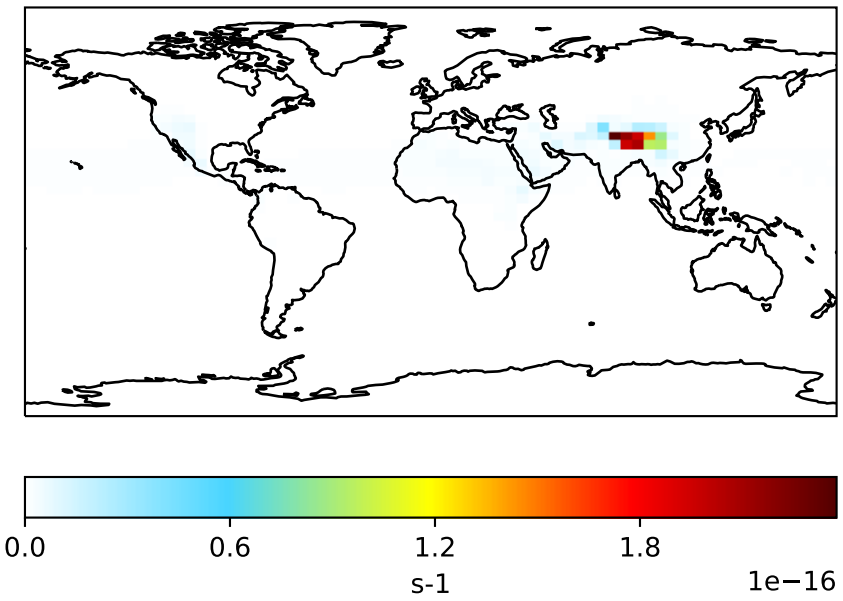


Jval_CFC114

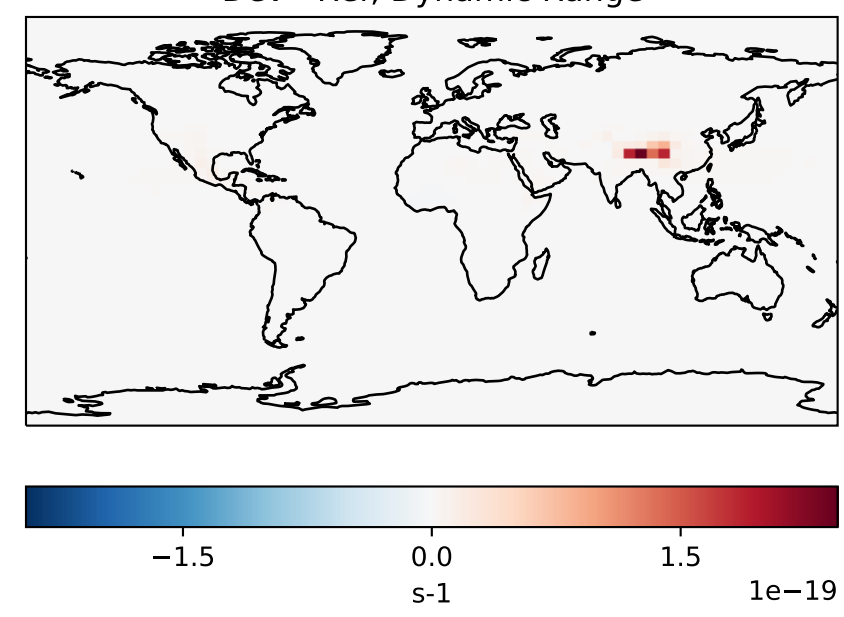
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



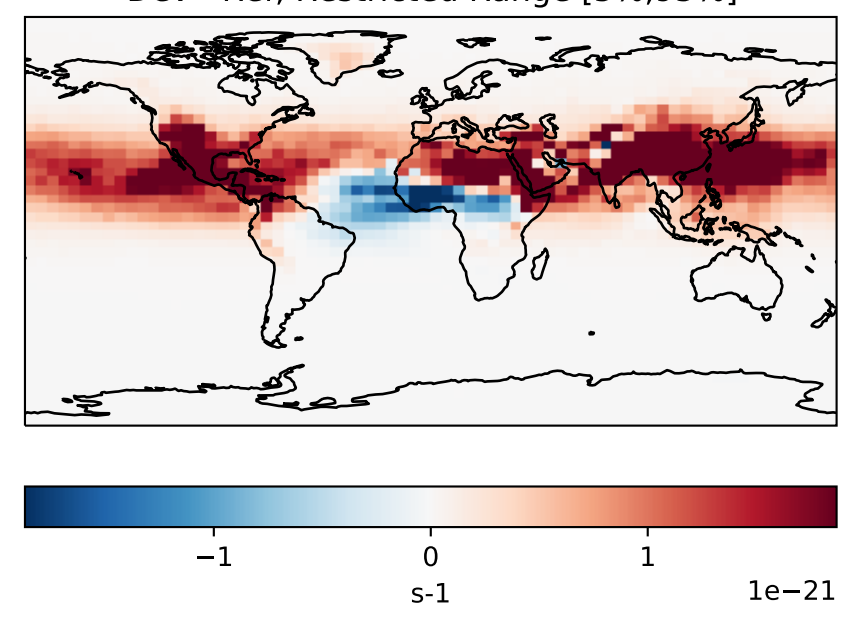
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



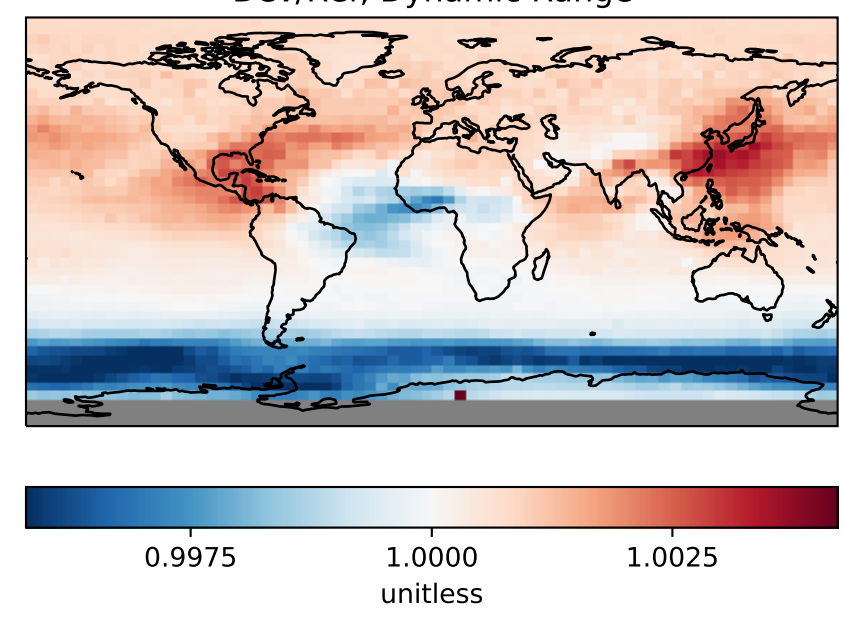
Difference
Dev - Ref, Dynamic Range



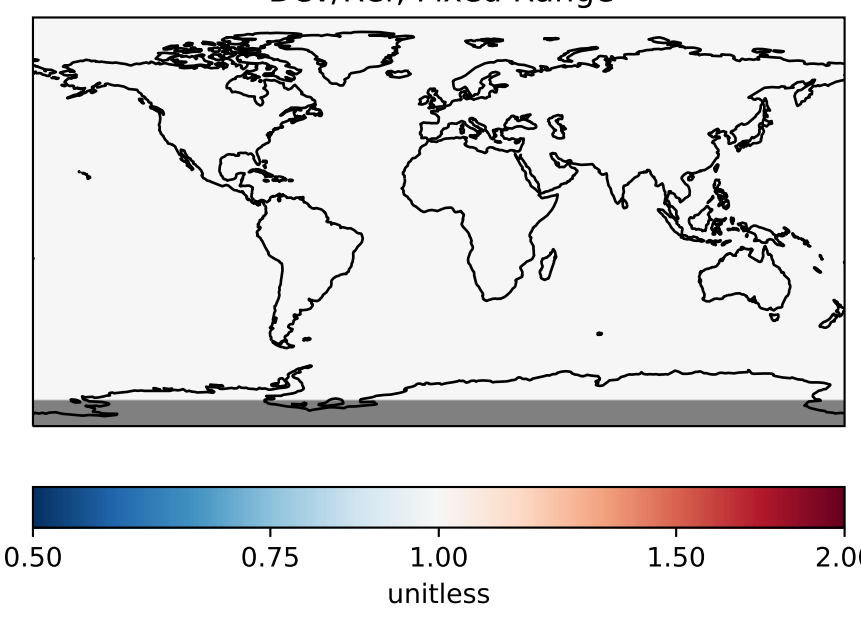
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

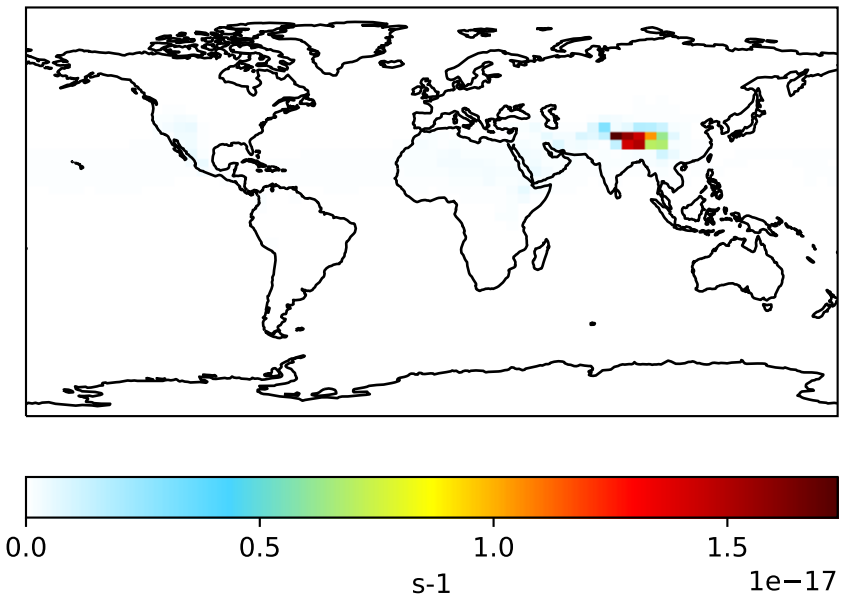


Ratio
Dev/Ref, Fixed Range

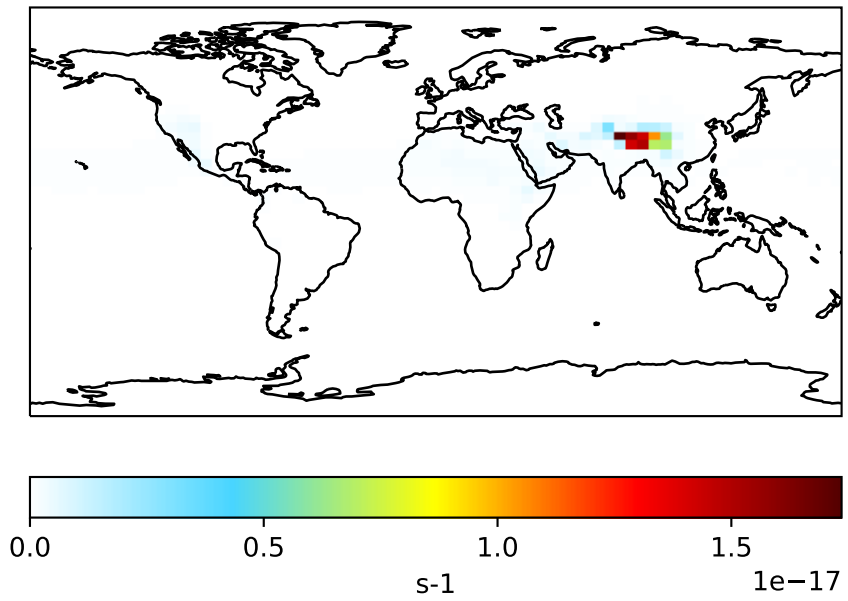


Jval_CFC115

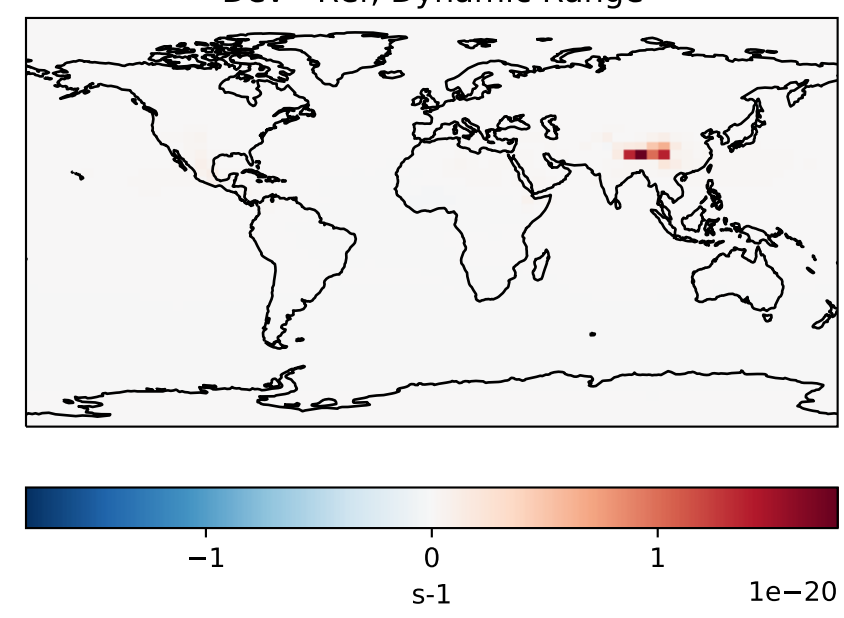
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



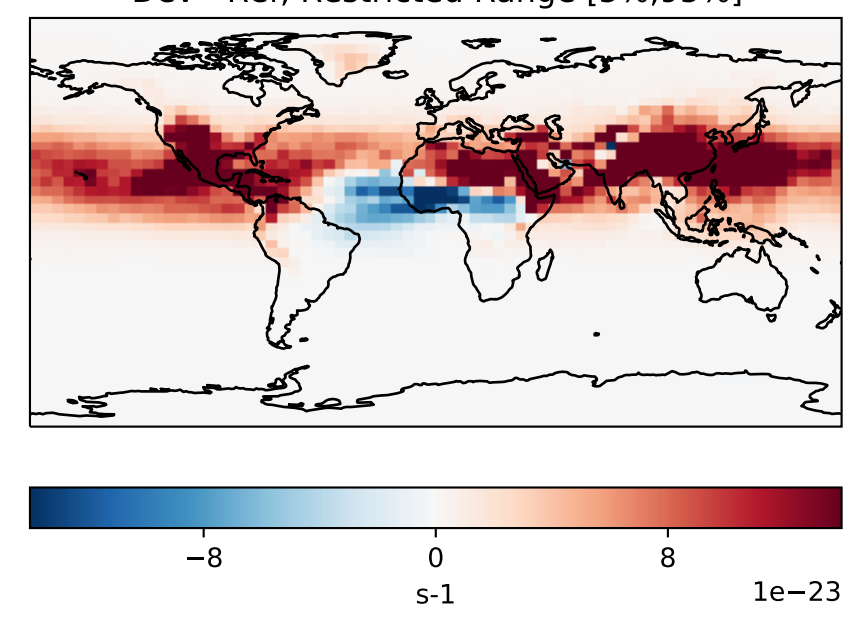
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



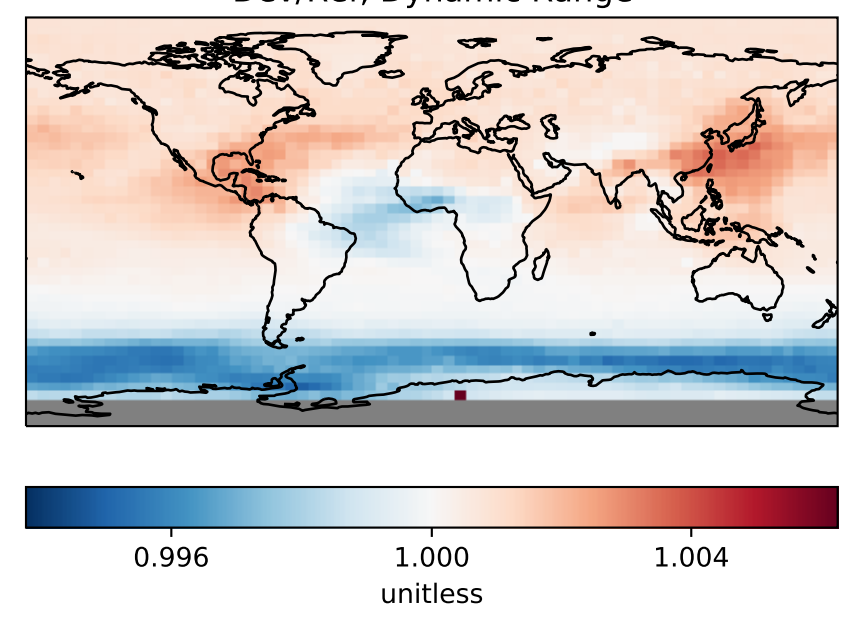
Difference
Dev - Ref, Dynamic Range



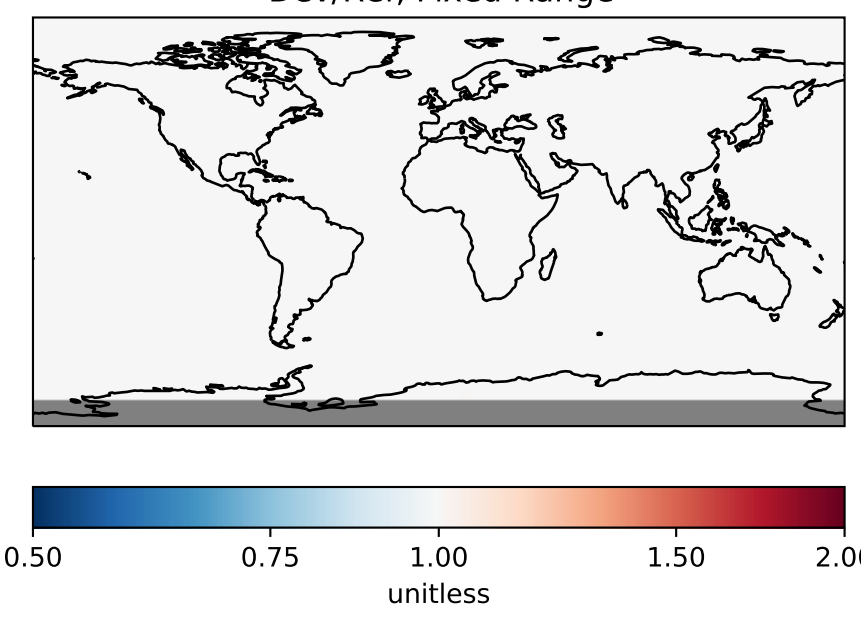
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

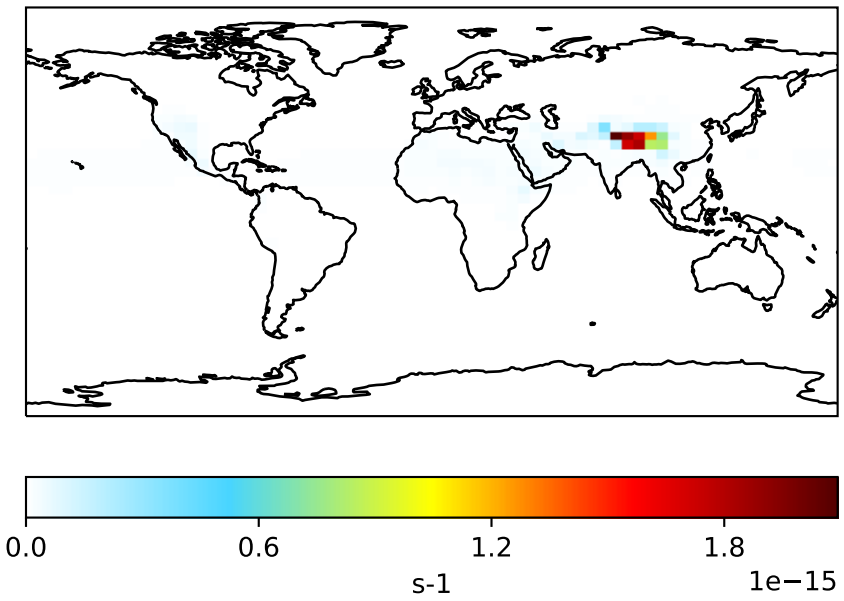


Ratio
Dev/Ref, Fixed Range

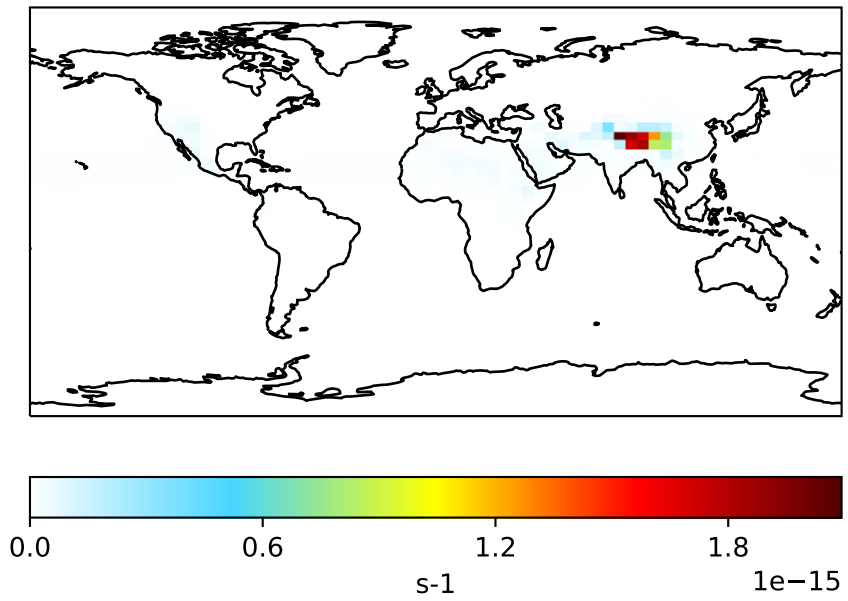


Jval_CFC12

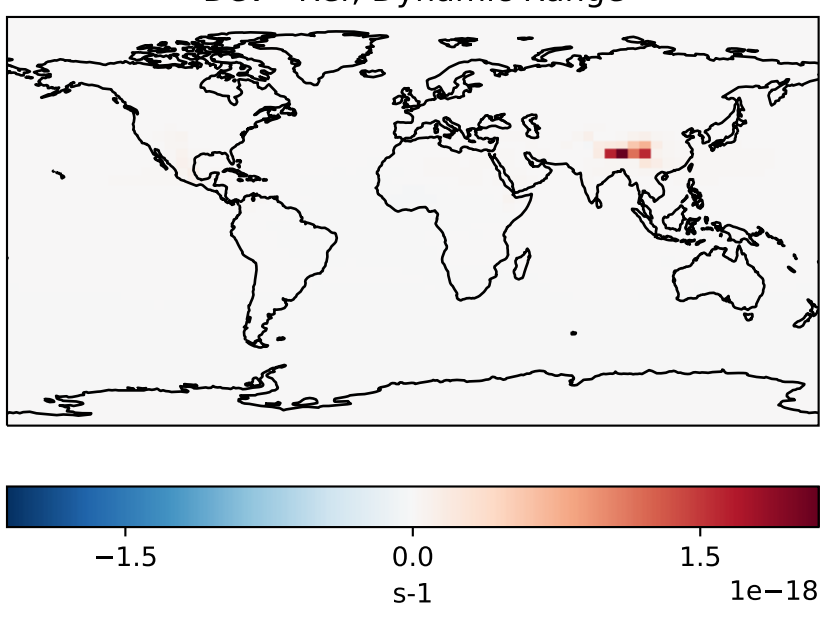
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



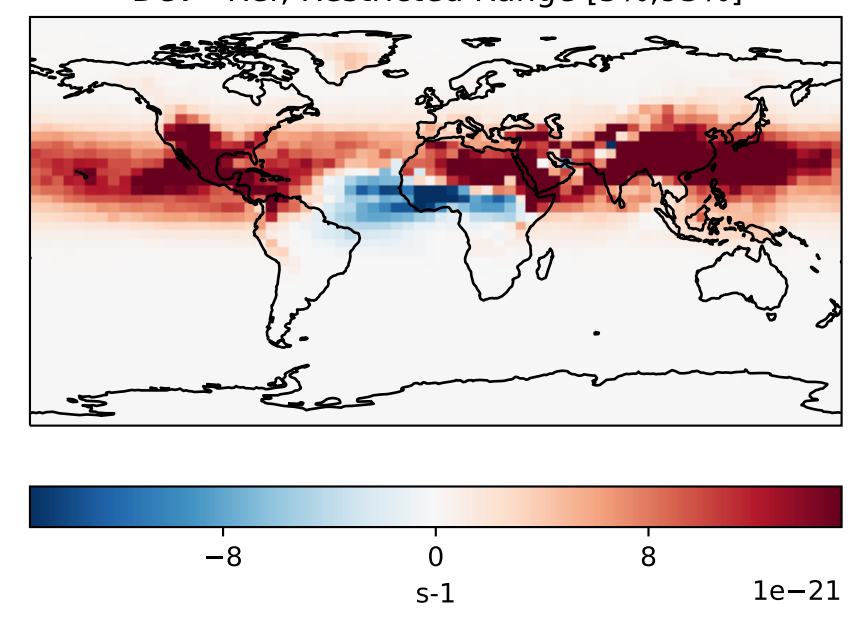
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



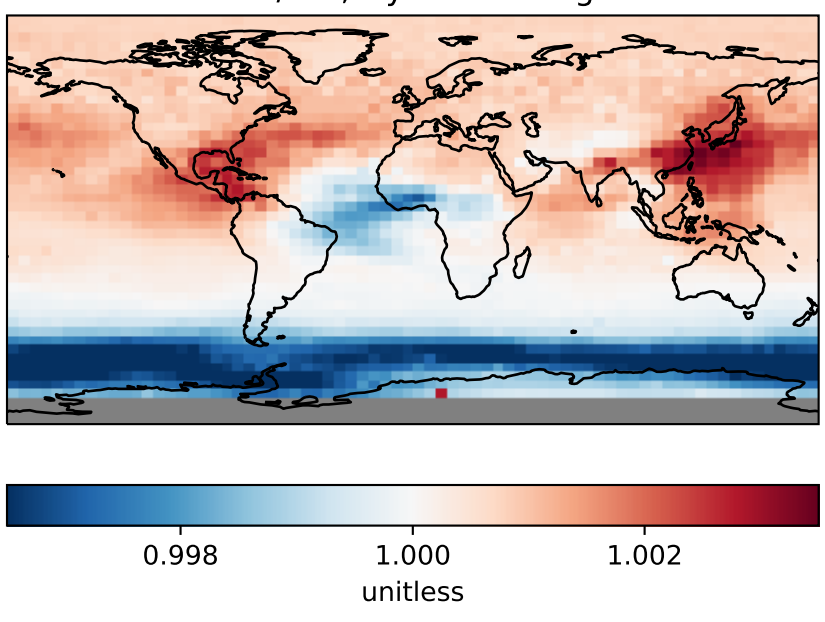
Difference
Dev - Ref, Dynamic Range



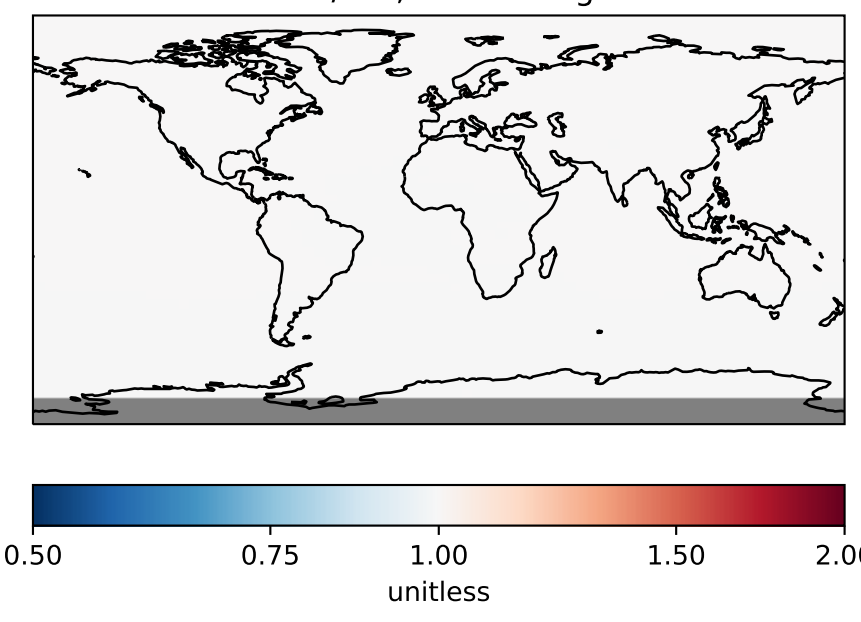
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

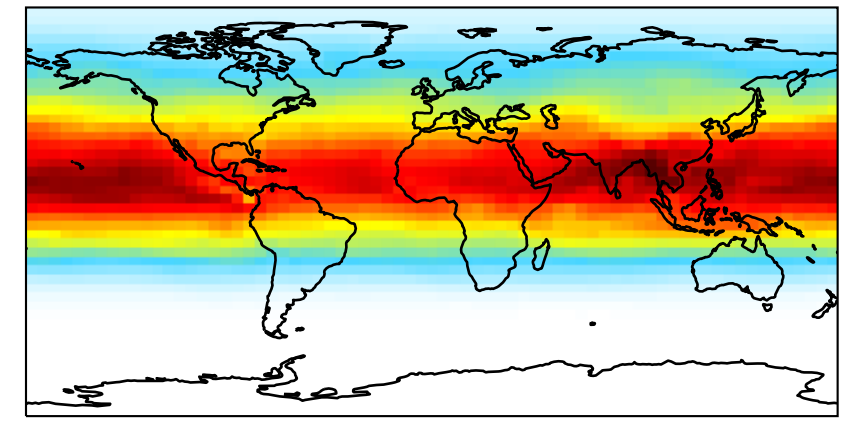


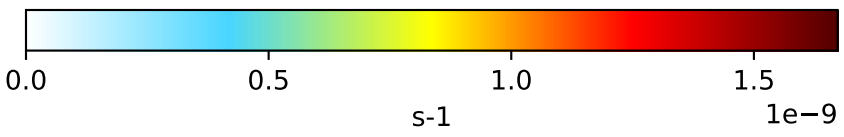
Ratio
Dev/Ref, Fixed Range



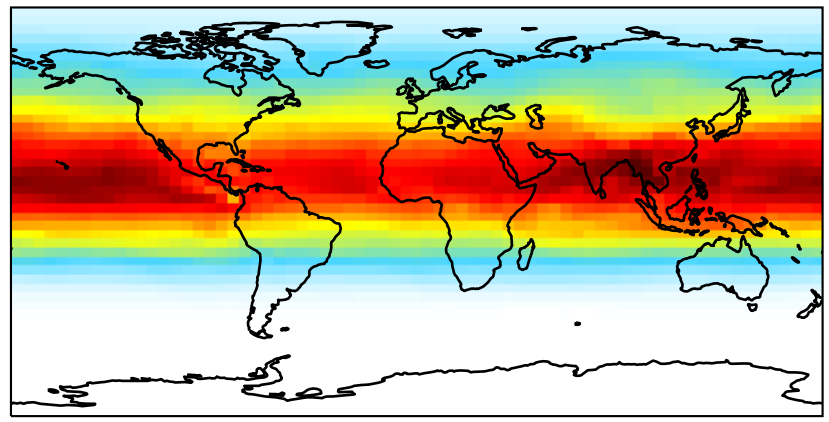
Jval_CH2Br2

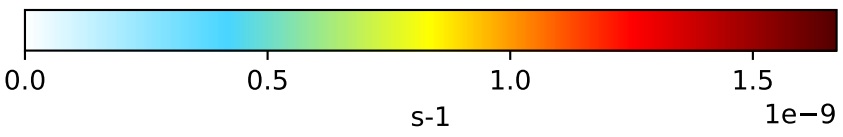
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



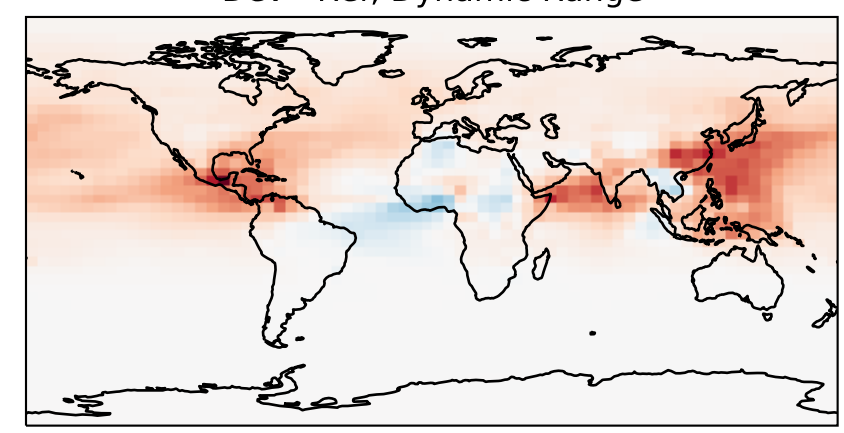


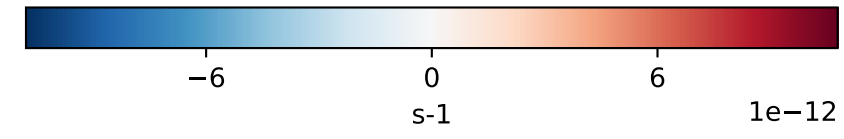
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



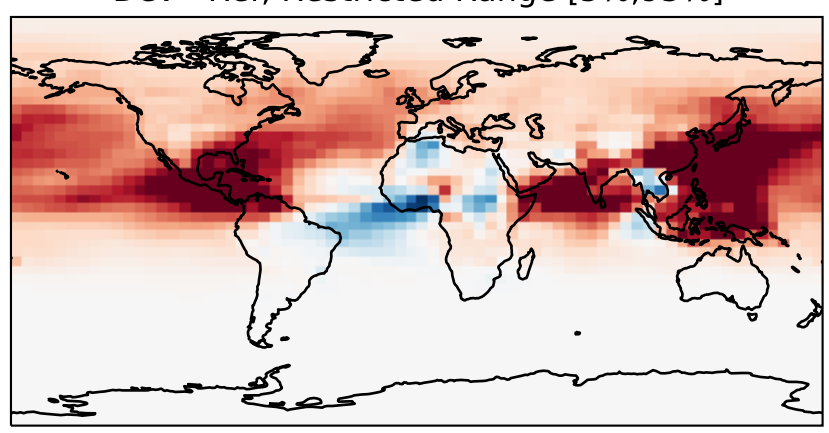


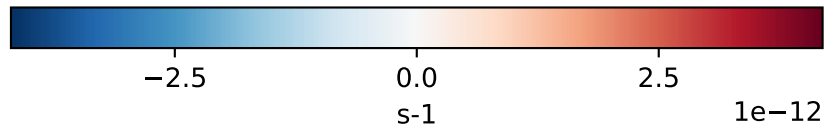
Difference
Dev - Ref, Dynamic Range



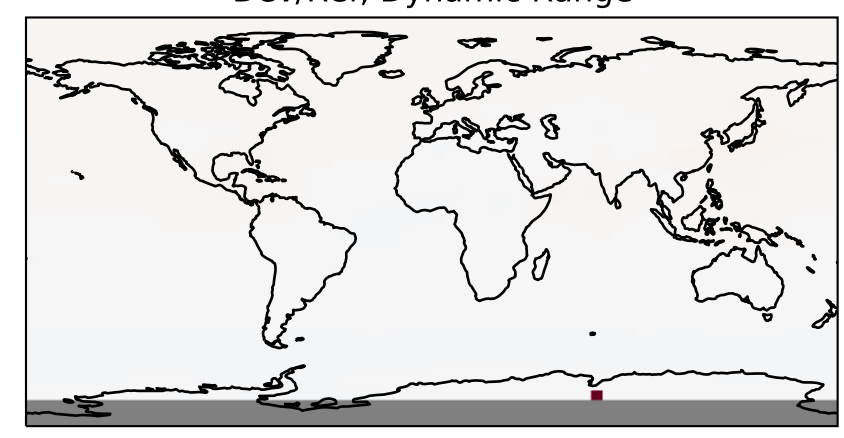


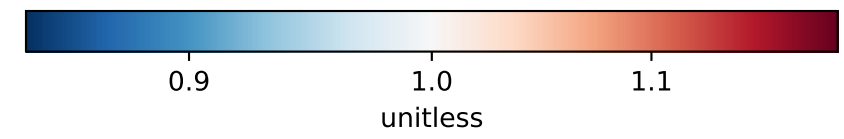
Difference
Dev - Ref, Restricted Range [5%,95%]



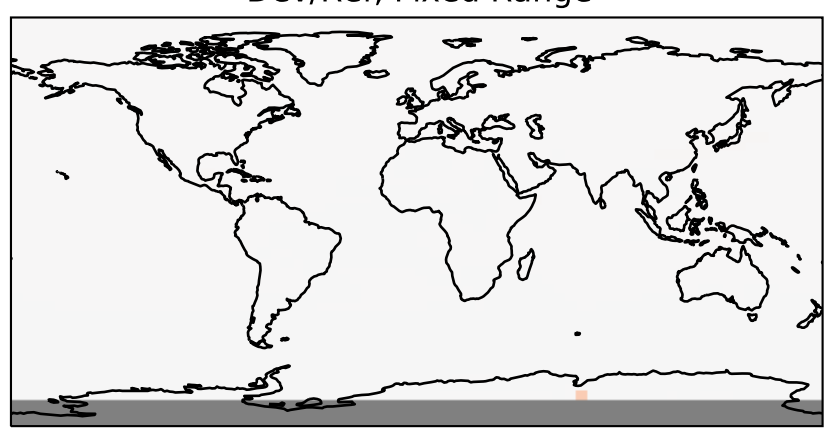


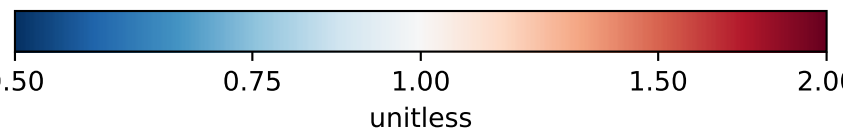
Ratio
Dev/Ref, Dynamic Range





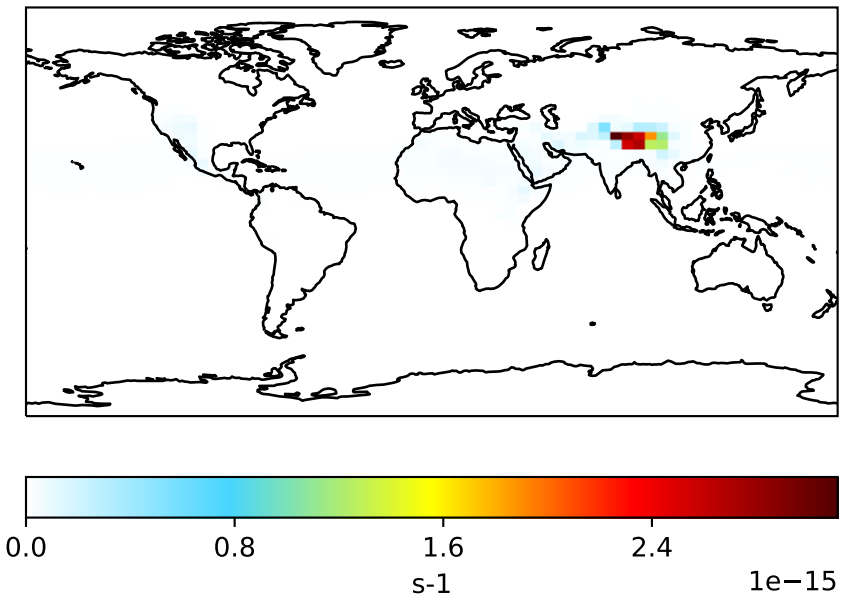
Ratio
Dev/Ref, Fixed Range



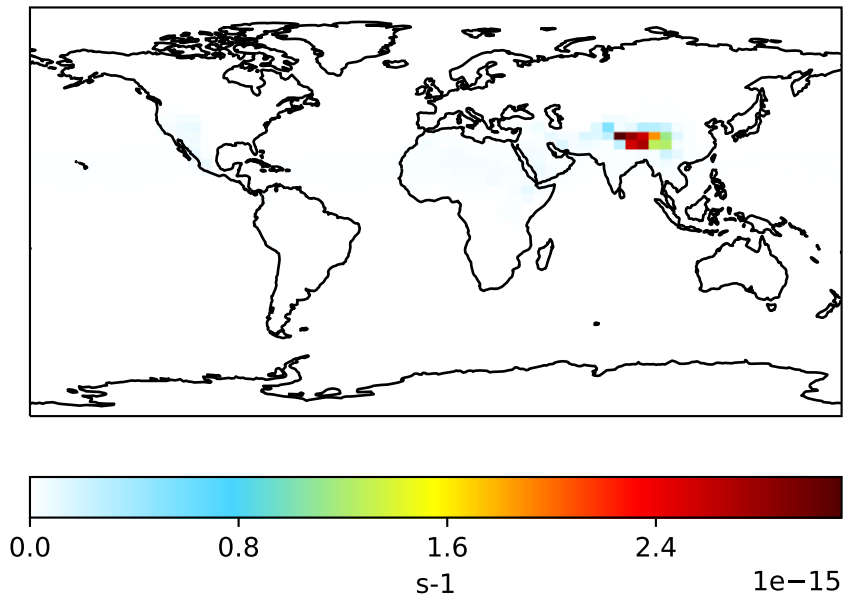


Jval_CH2Cl2

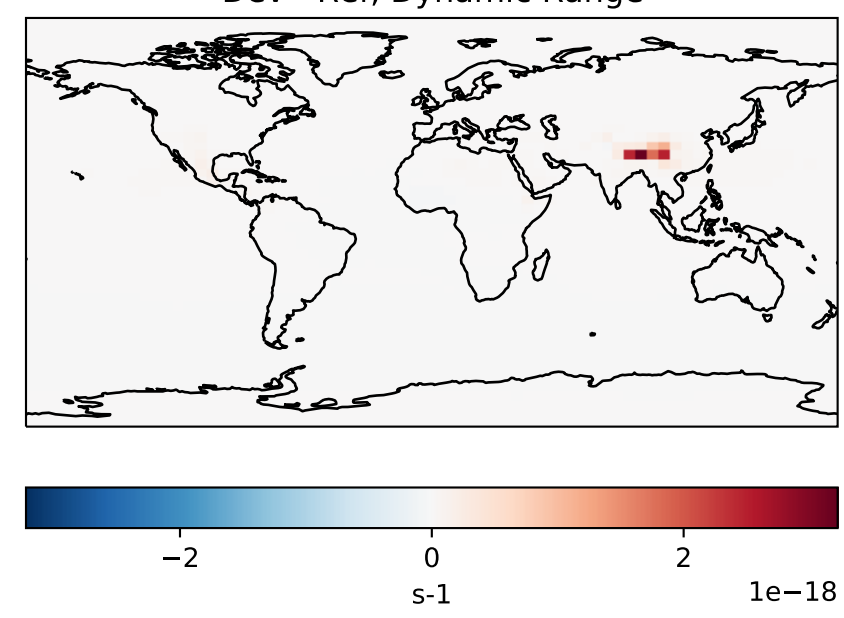
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



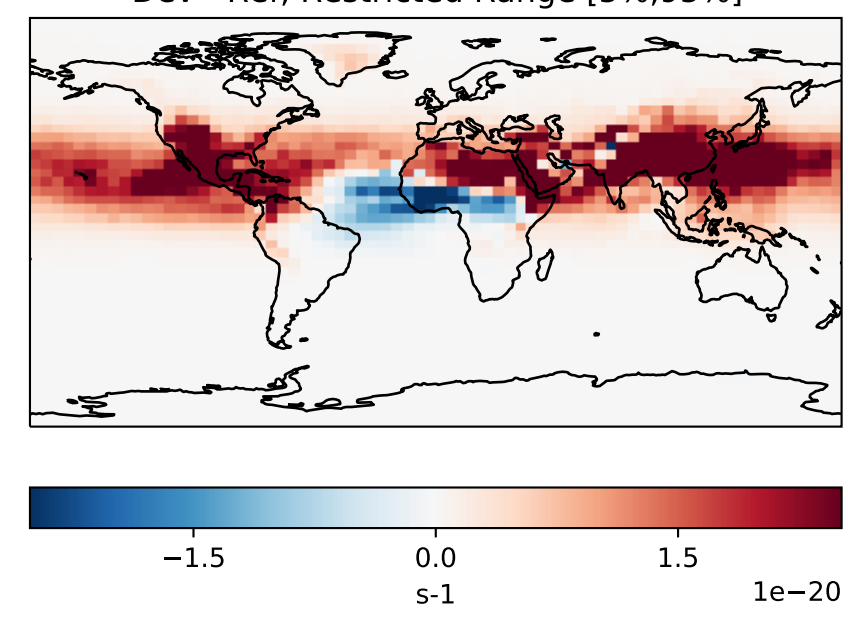
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



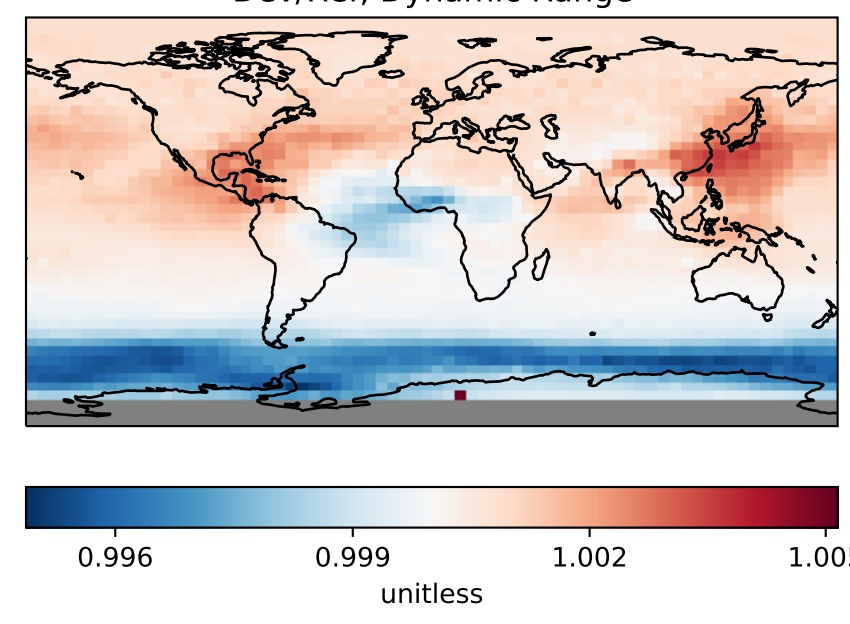
Difference
Dev - Ref, Dynamic Range



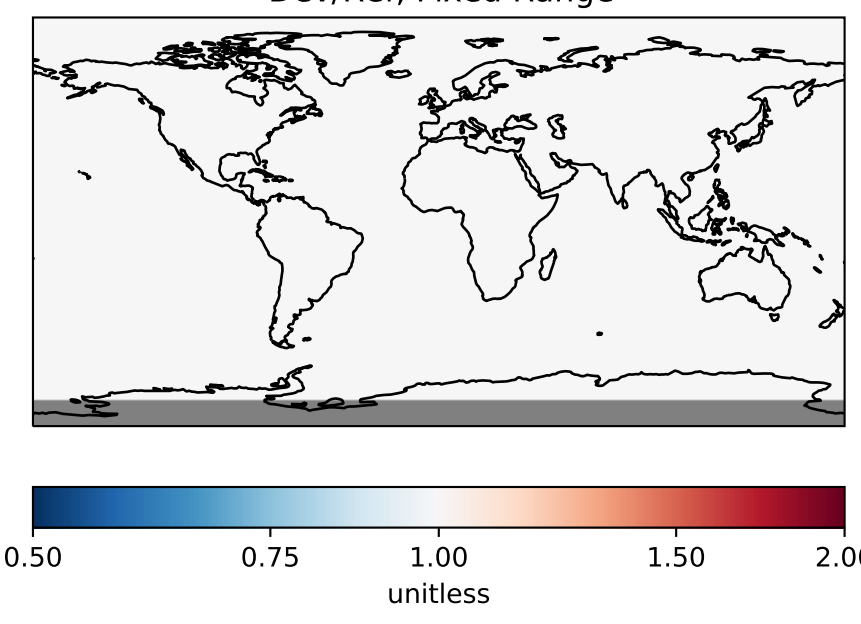
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

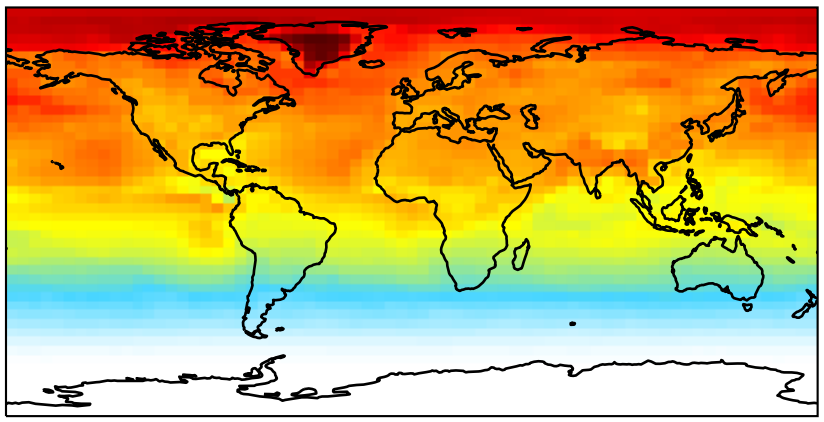


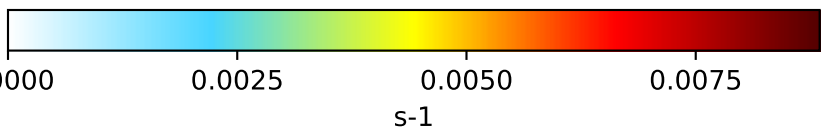
Ratio
Dev/Ref, Fixed Range



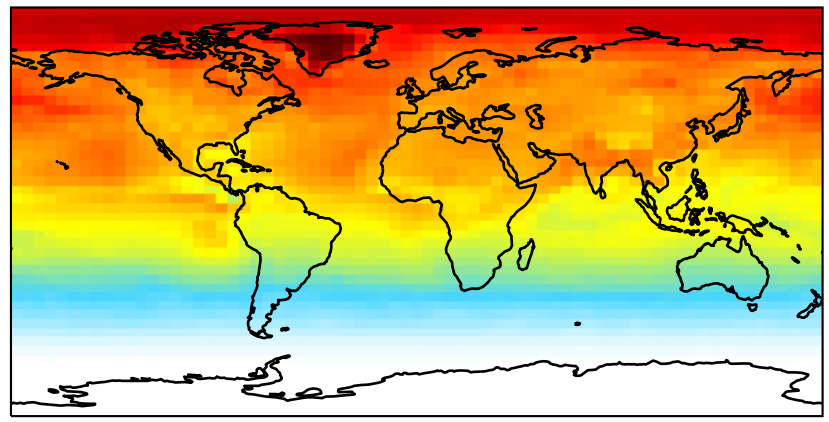
Jval_CH2I2

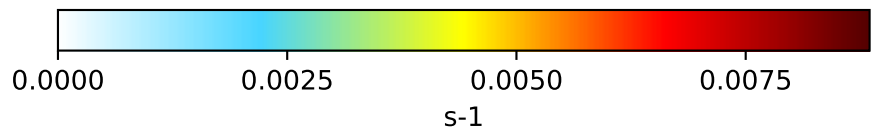
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



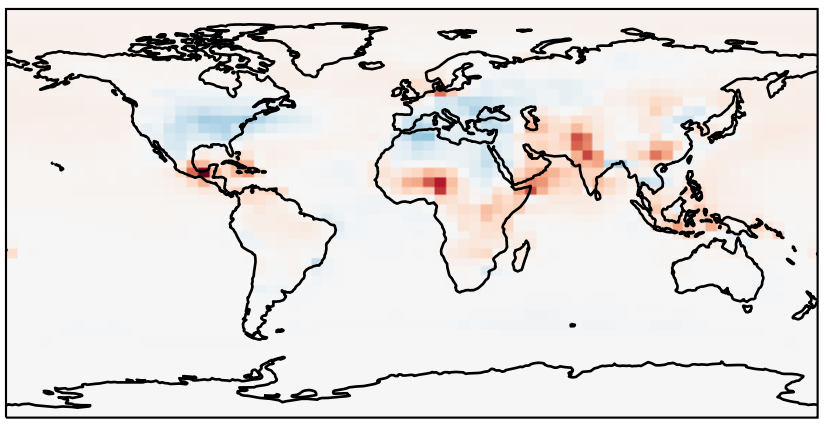


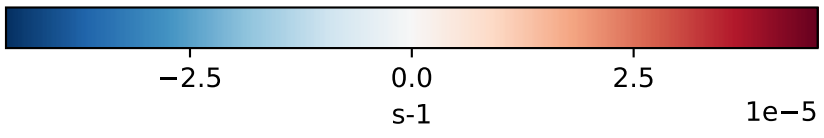
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



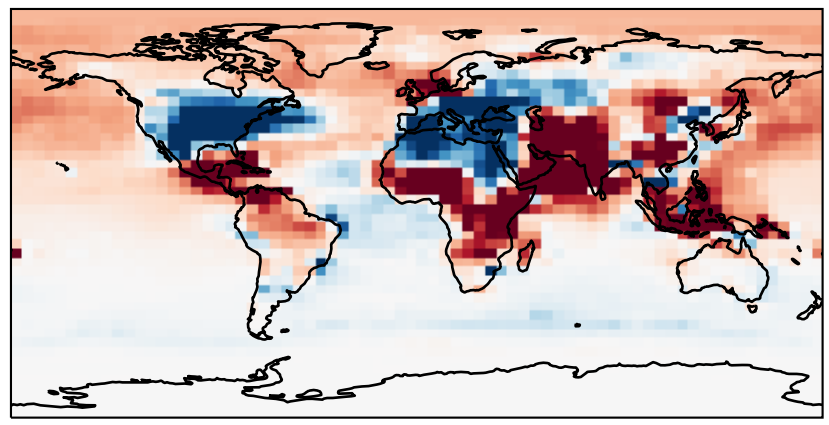


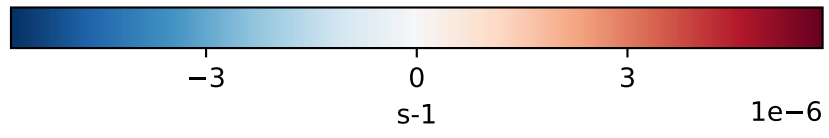
Difference
Dev - Ref, Dynamic Range



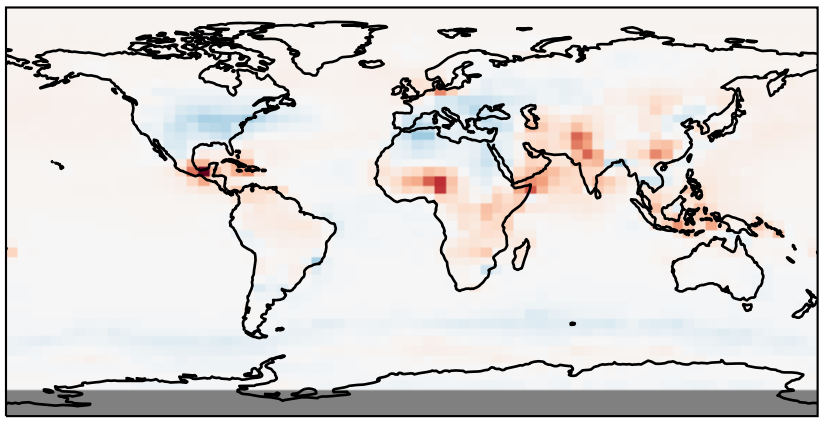


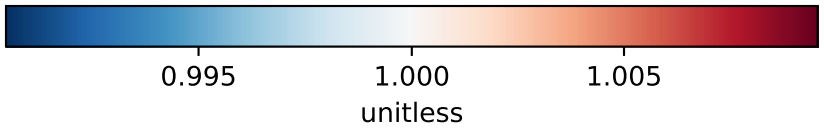
Difference
Dev - Ref, Restricted Range [5%,95%]



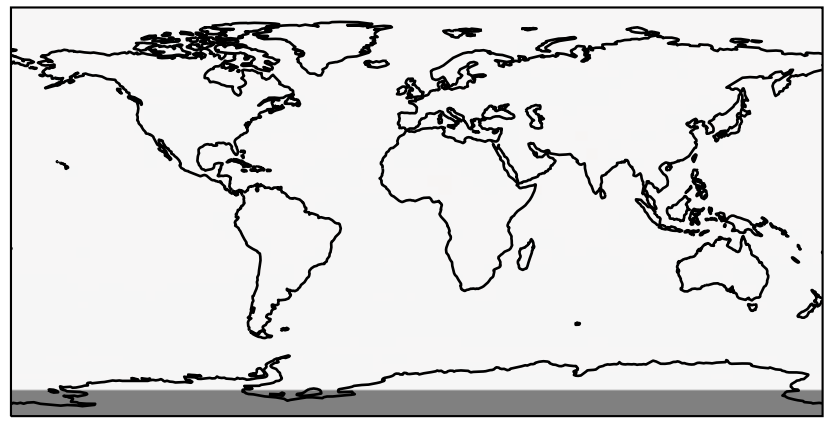


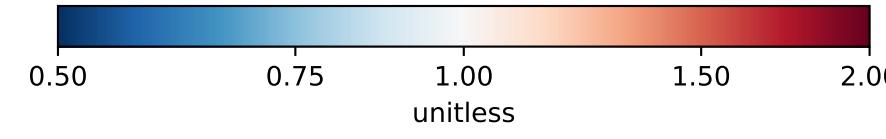
Ratio
Dev/Ref, Dynamic Range





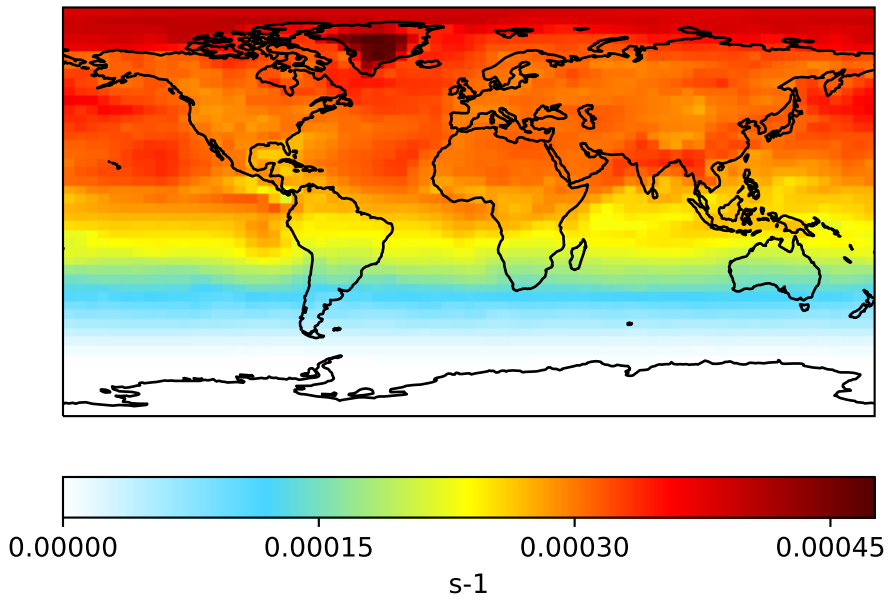
Ratio
Dev/Ref, Fixed Range



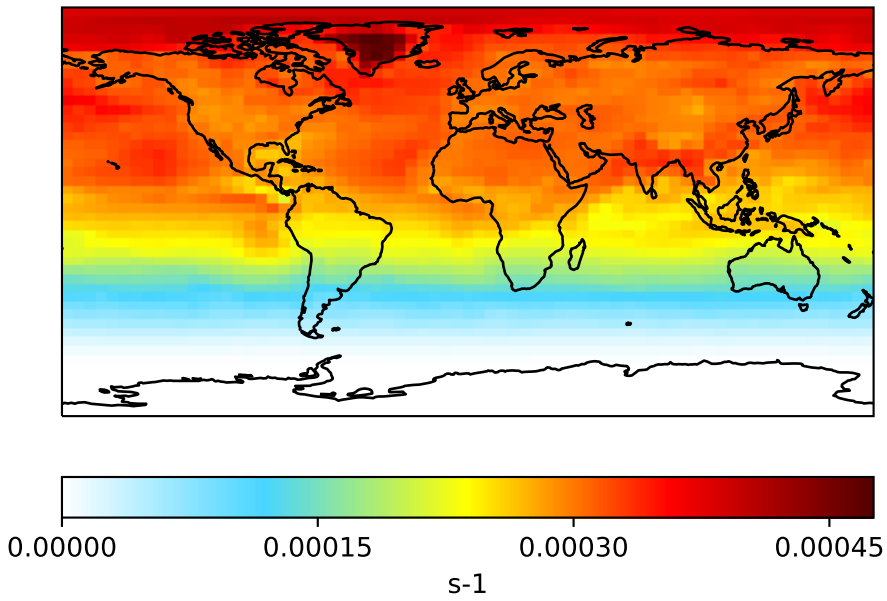


Jval_CH2IBr

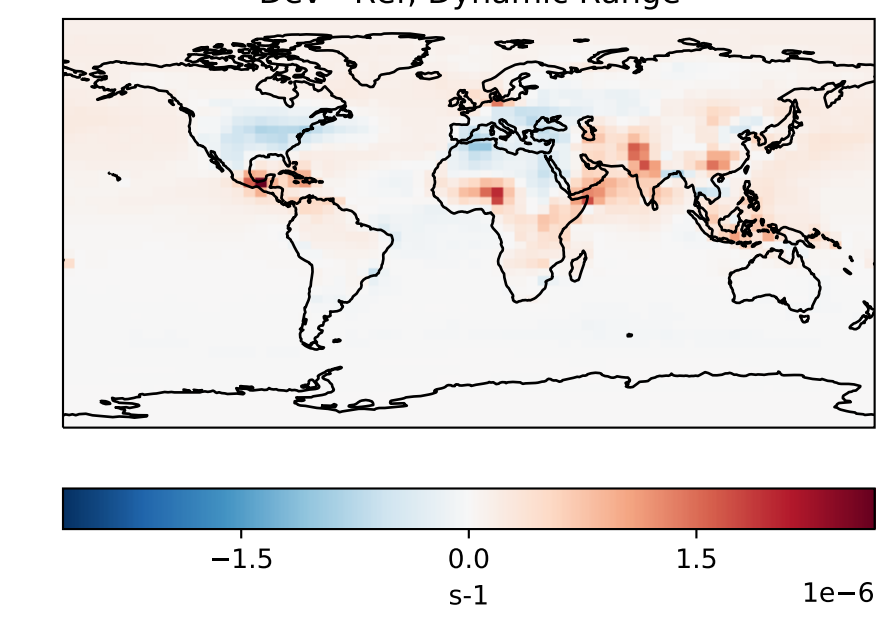
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



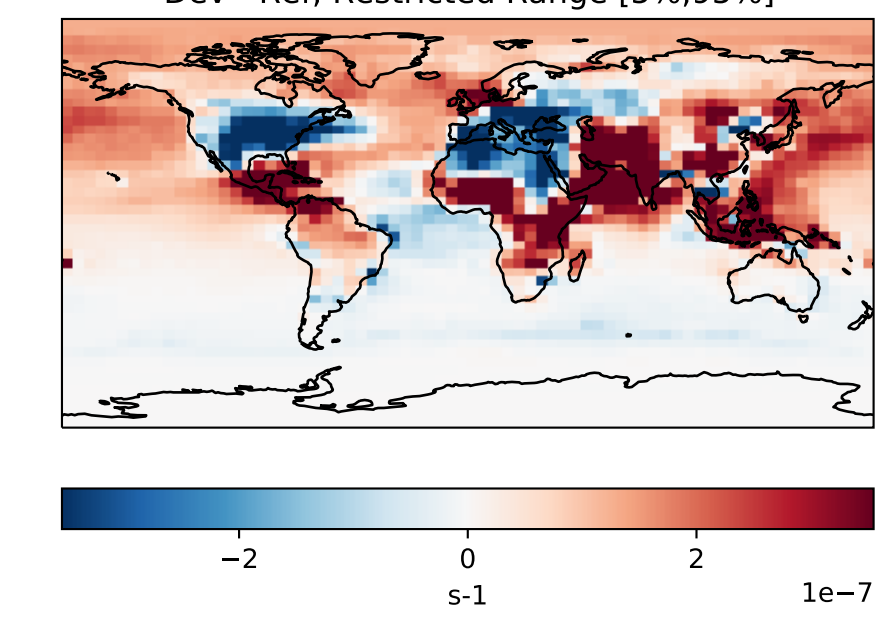
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



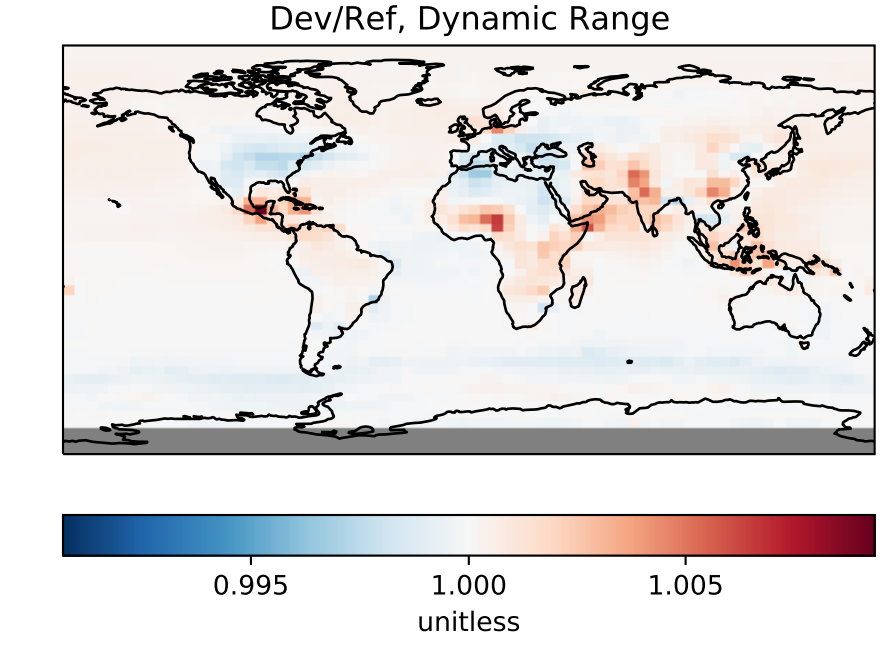
Difference
Dev - Ref, Dynamic Range



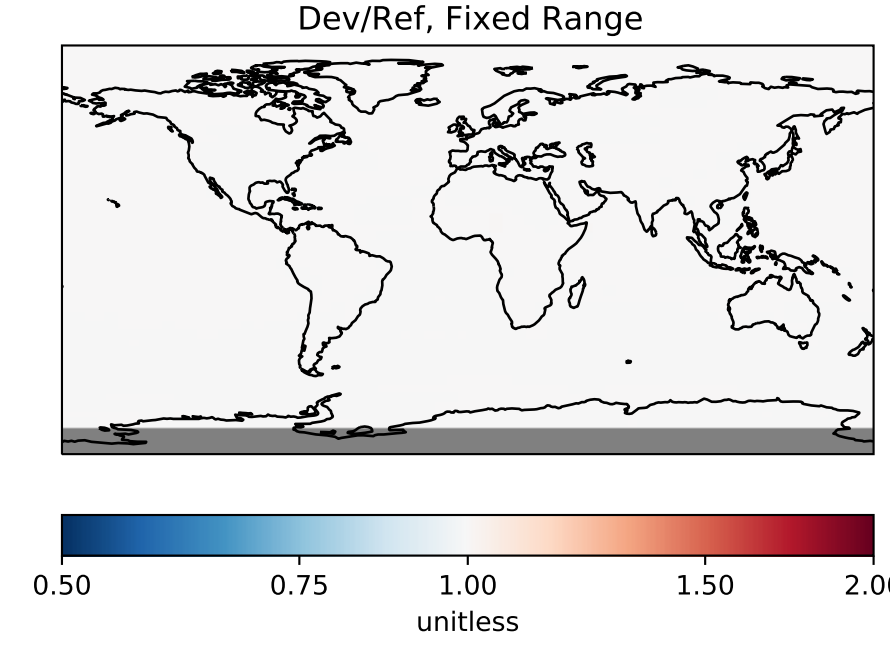
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

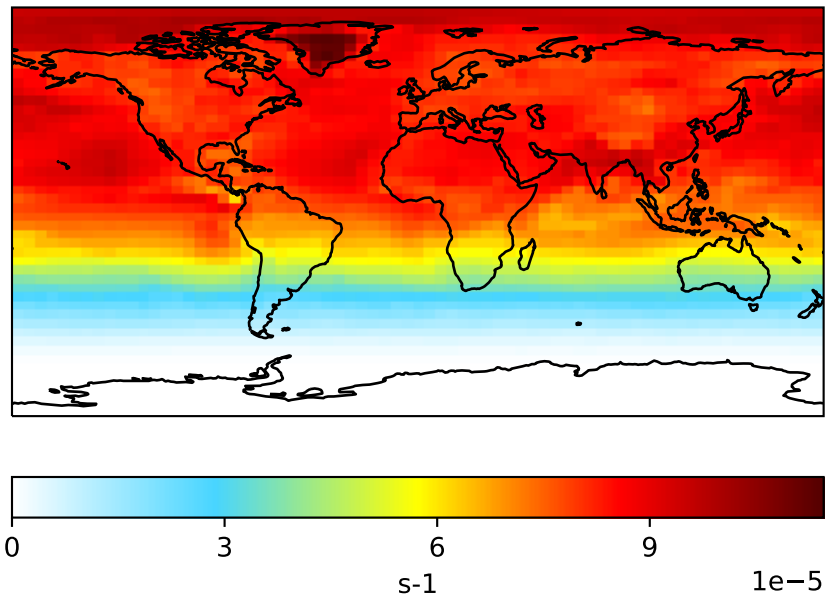


Ratio
Dev/Ref, Fixed Range

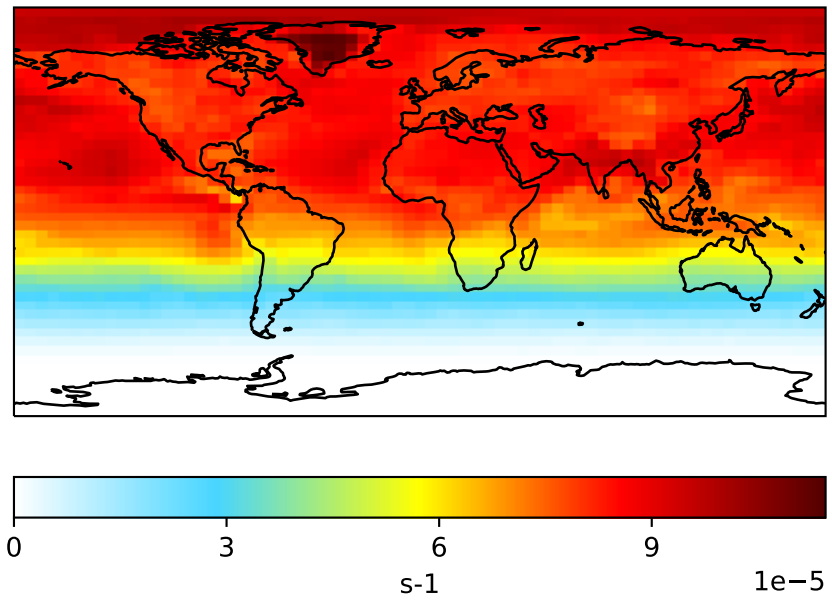


Jval_CH2ICl

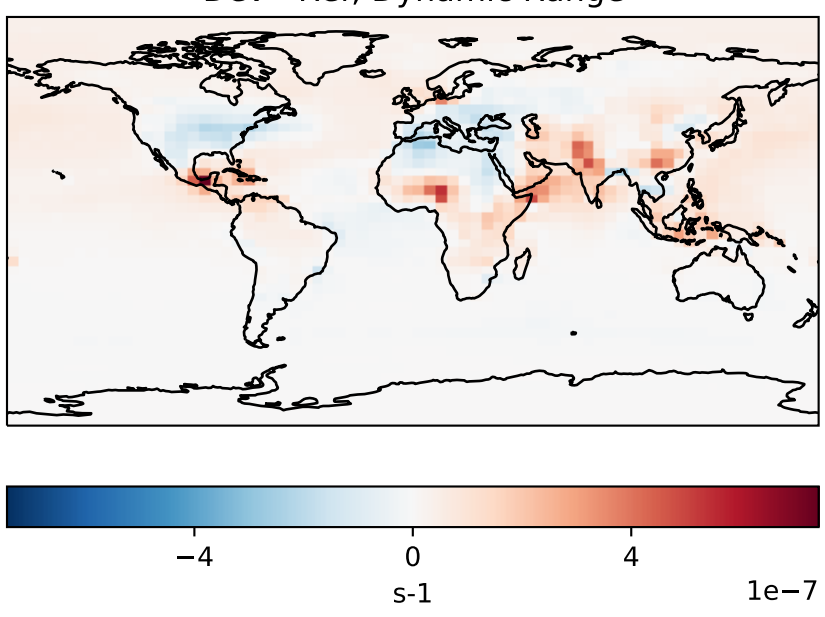
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



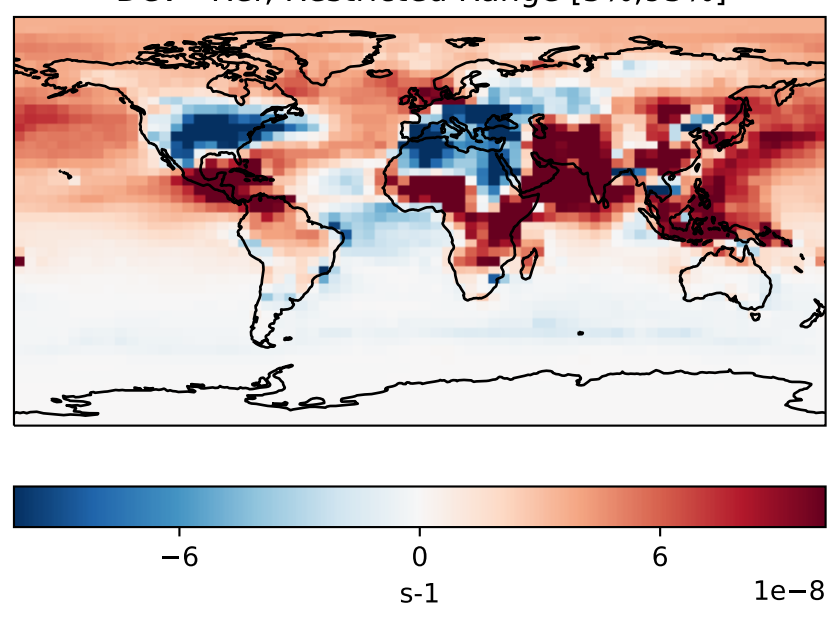
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



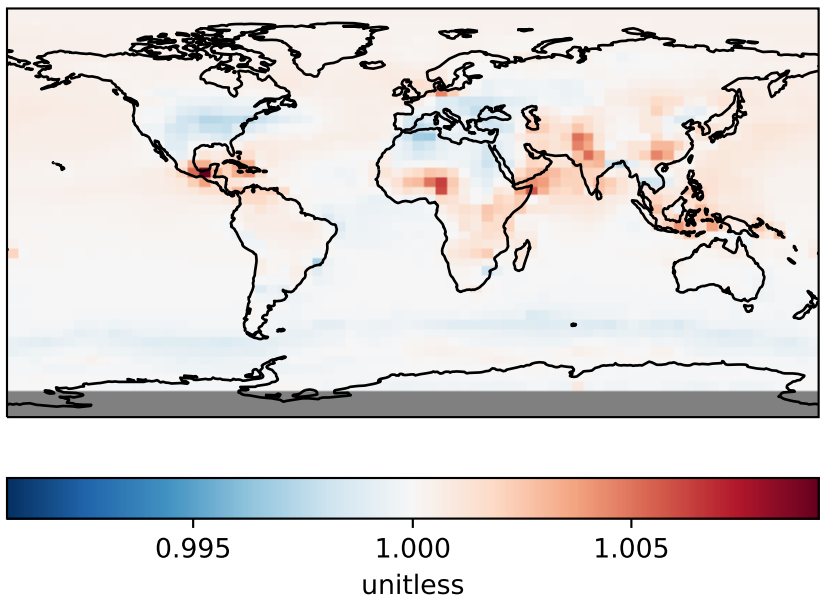
Difference
Dev - Ref, Dynamic Range



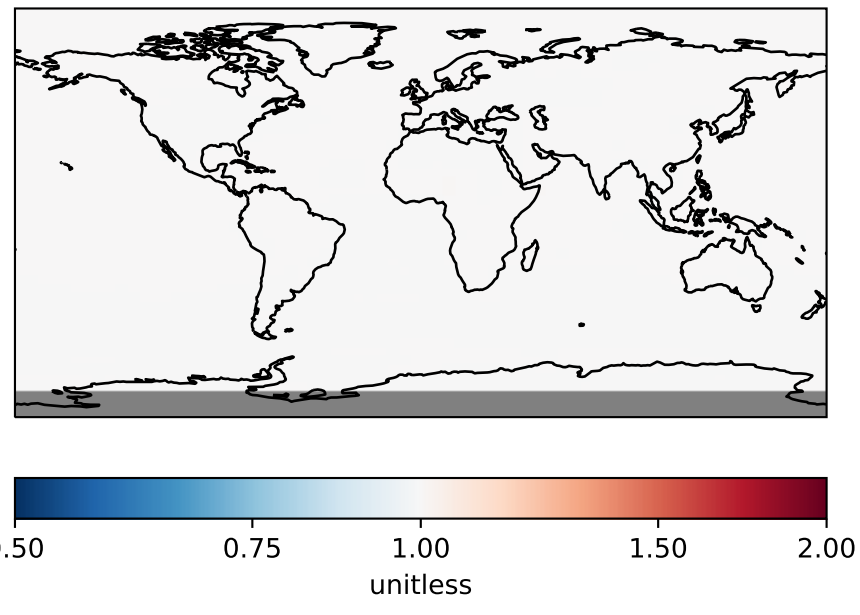
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

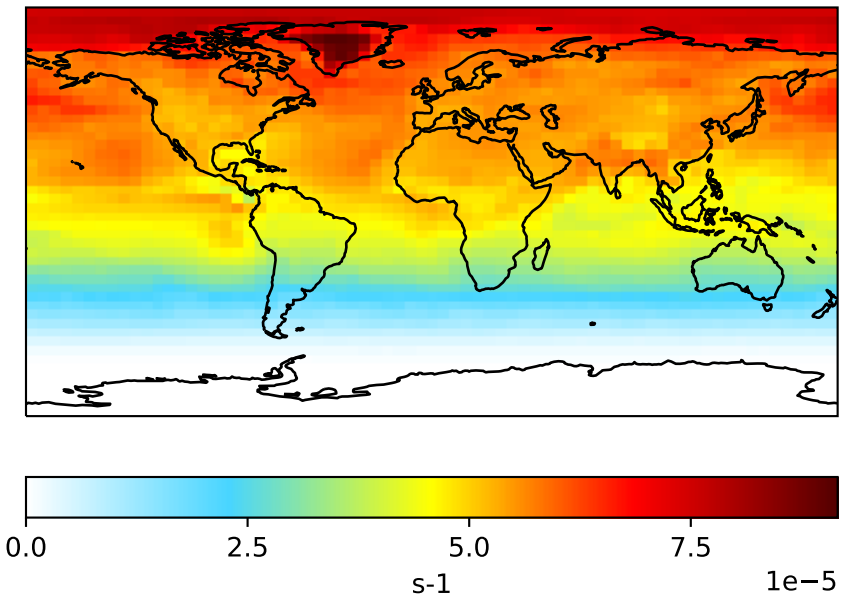


Ratio
Dev/Ref, Fixed Range

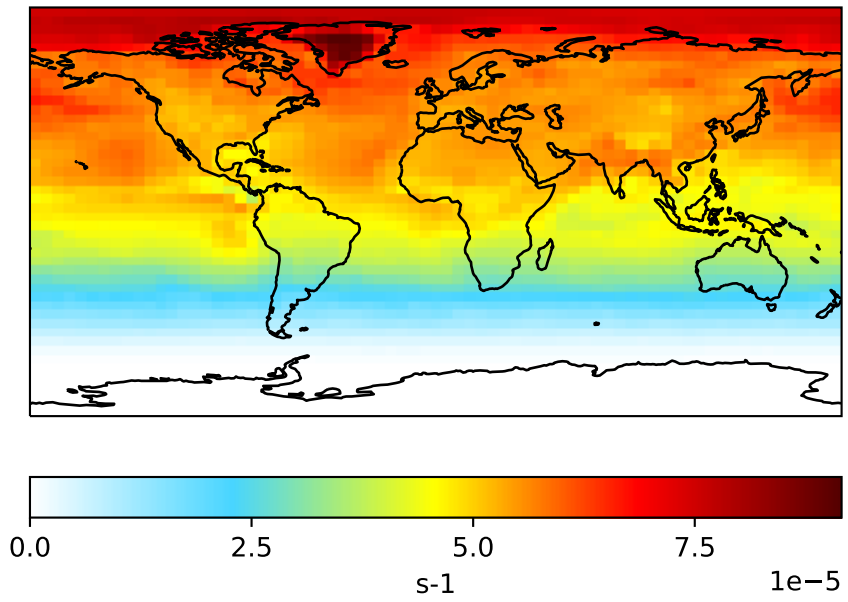


Jval_CH2O

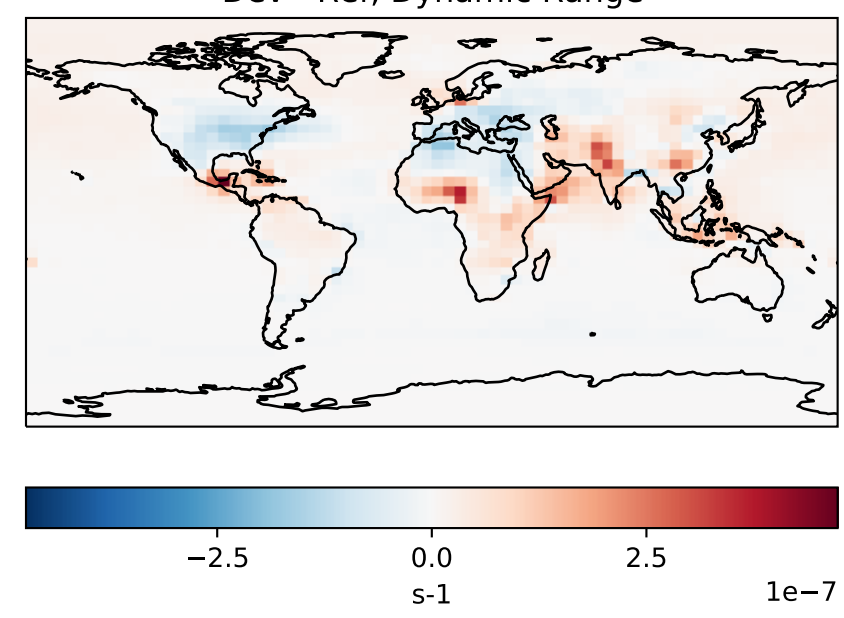
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



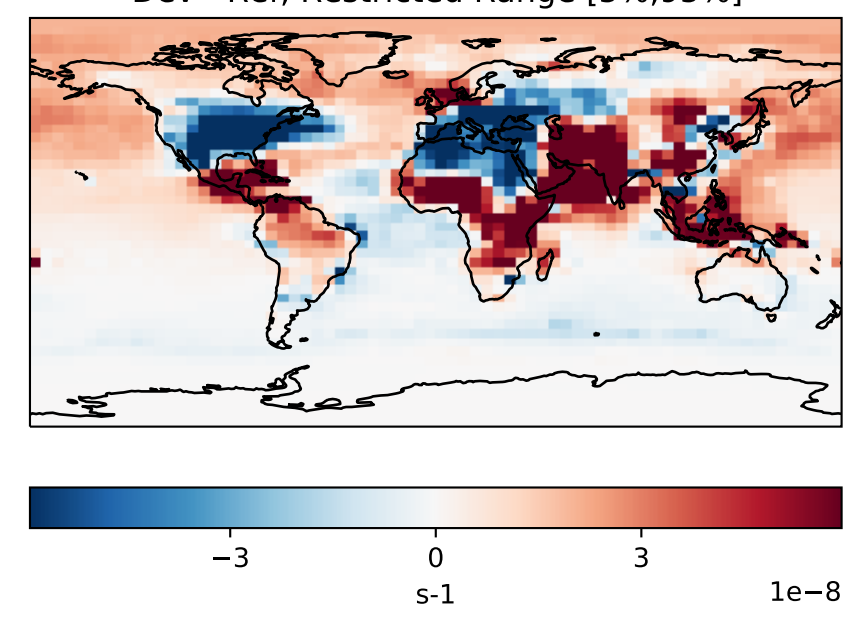
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



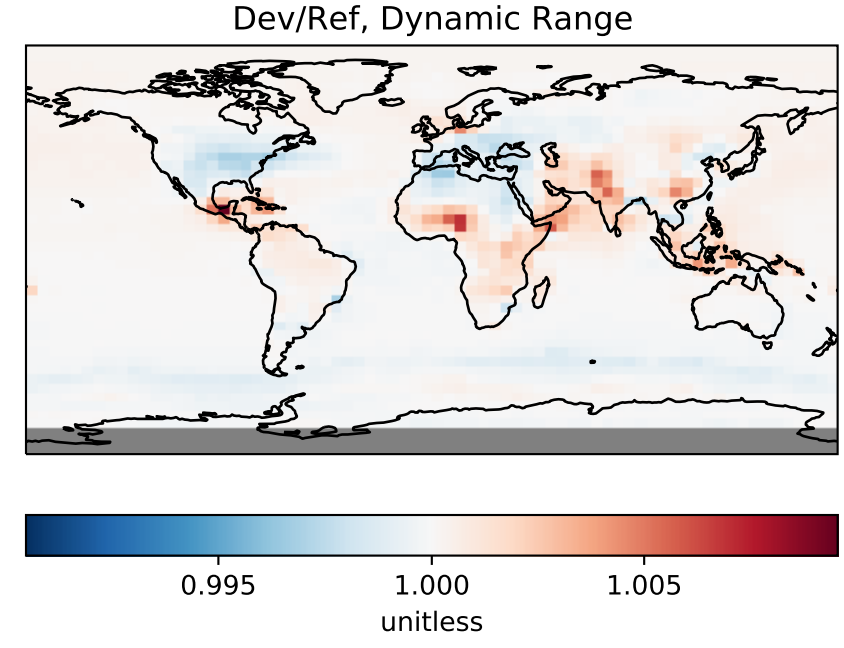
Difference
Dev - Ref, Dynamic Range



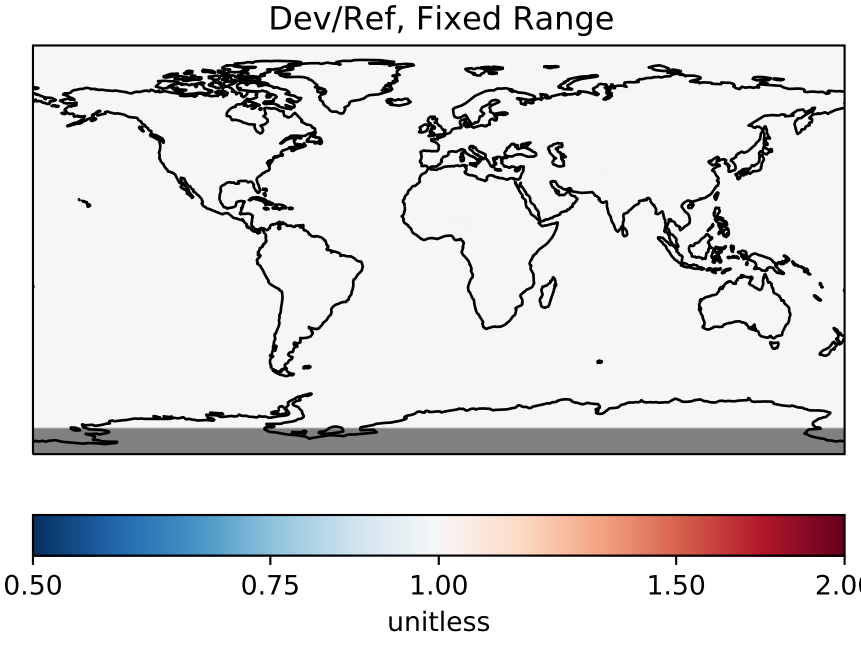
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

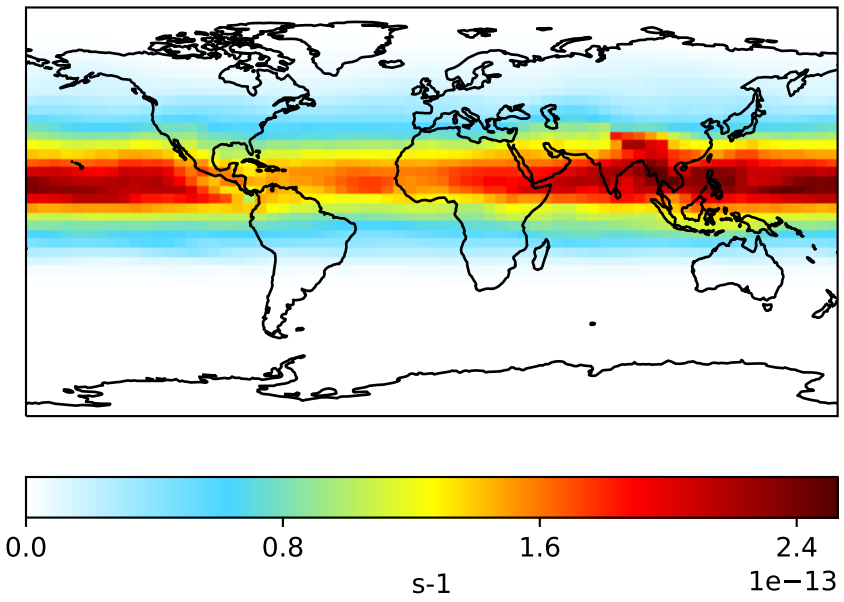


Ratio
Dev/Ref, Fixed Range

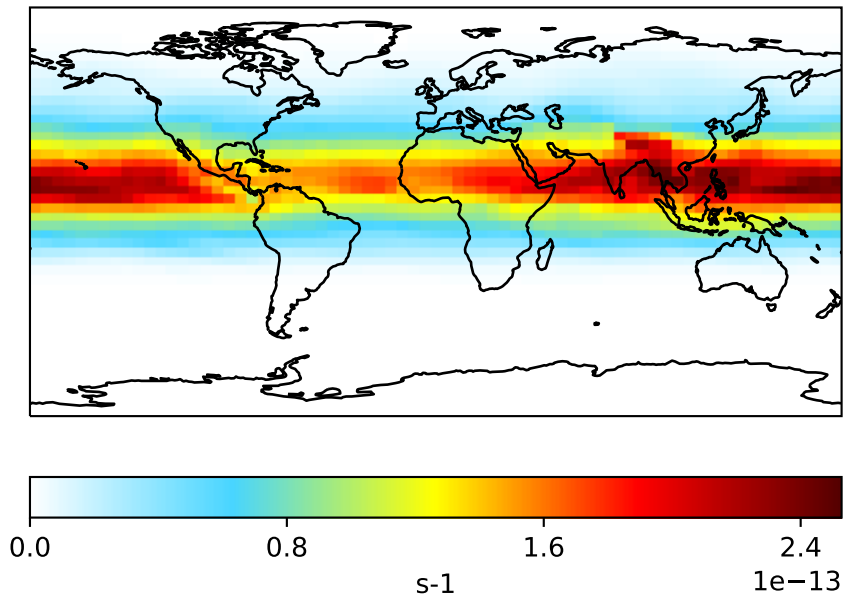


Jval_CH3Br

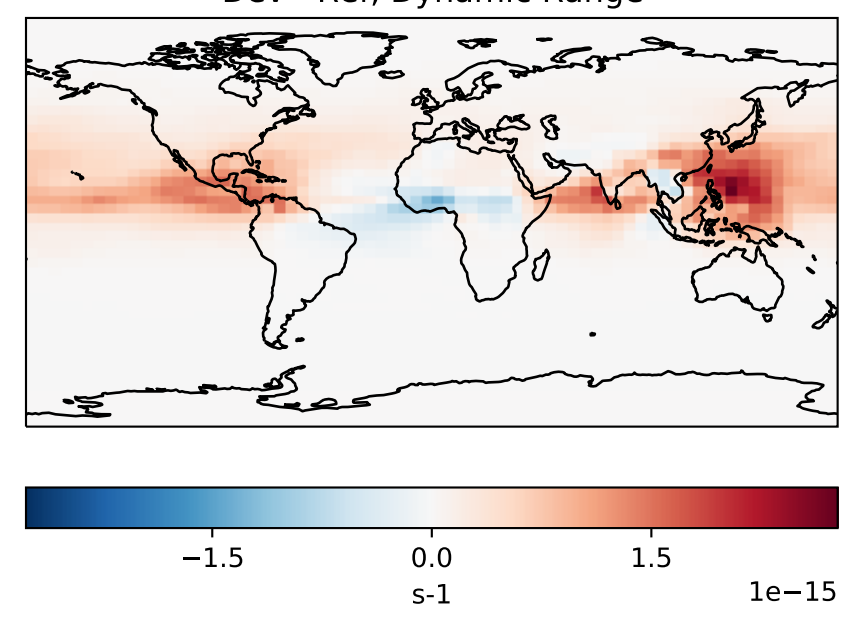
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



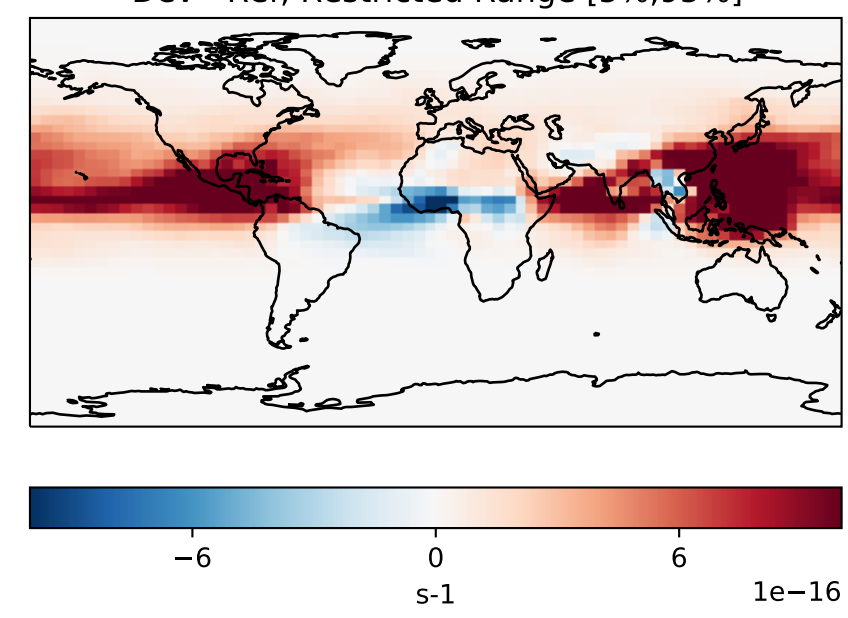
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



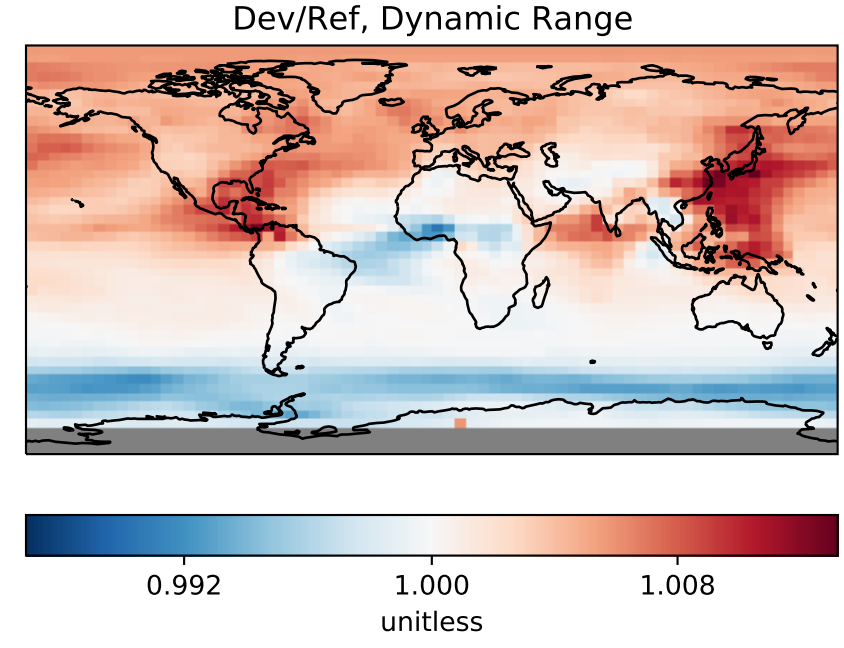
Difference
Dev - Ref, Dynamic Range



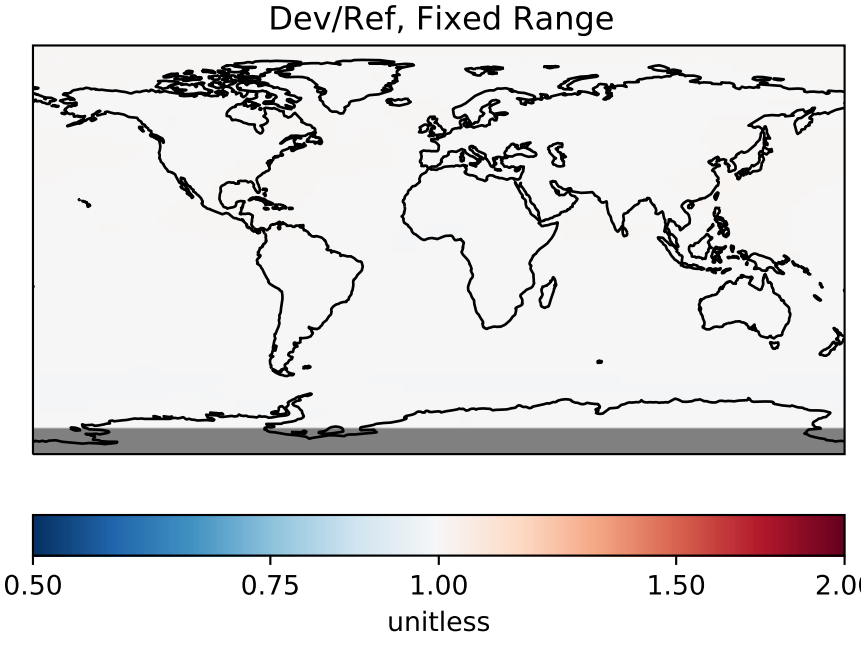
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

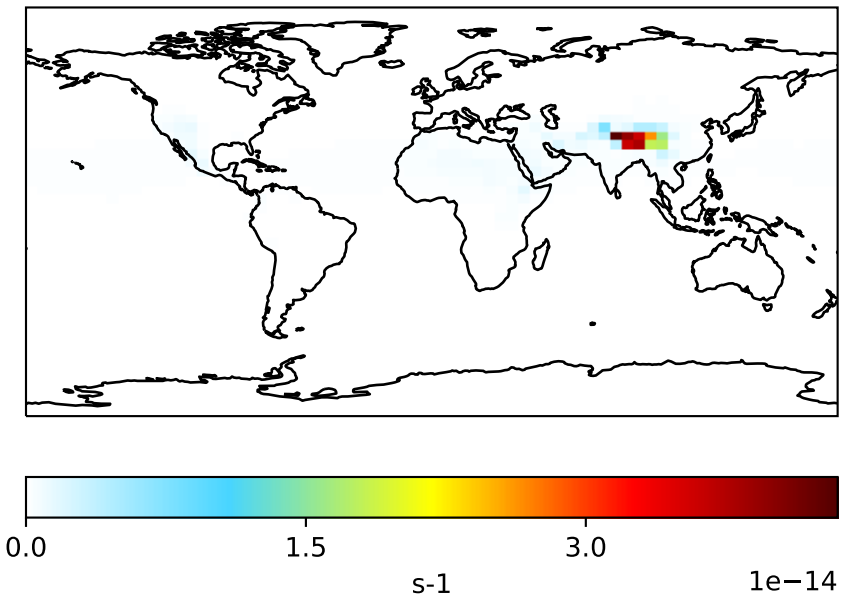


Ratio
Dev/Ref, Fixed Range

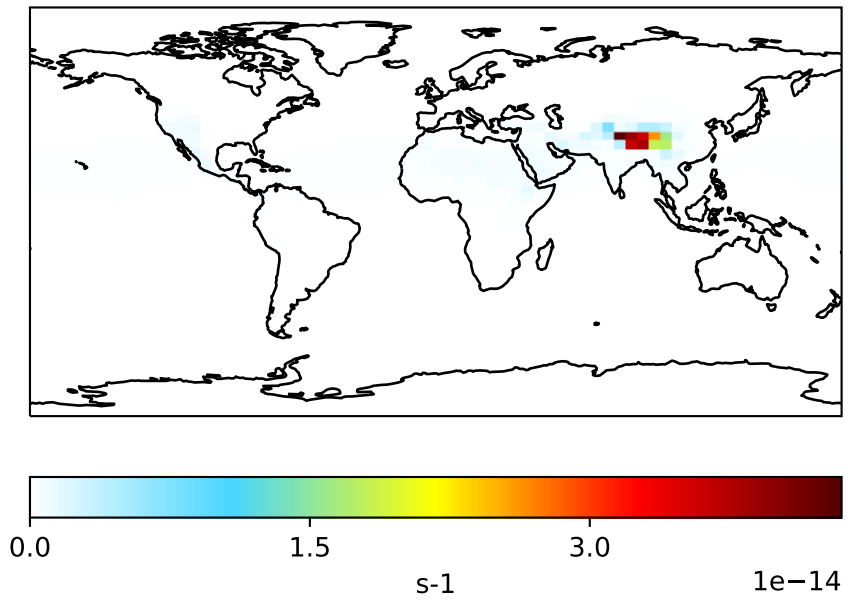


Jval_CH3CCl3

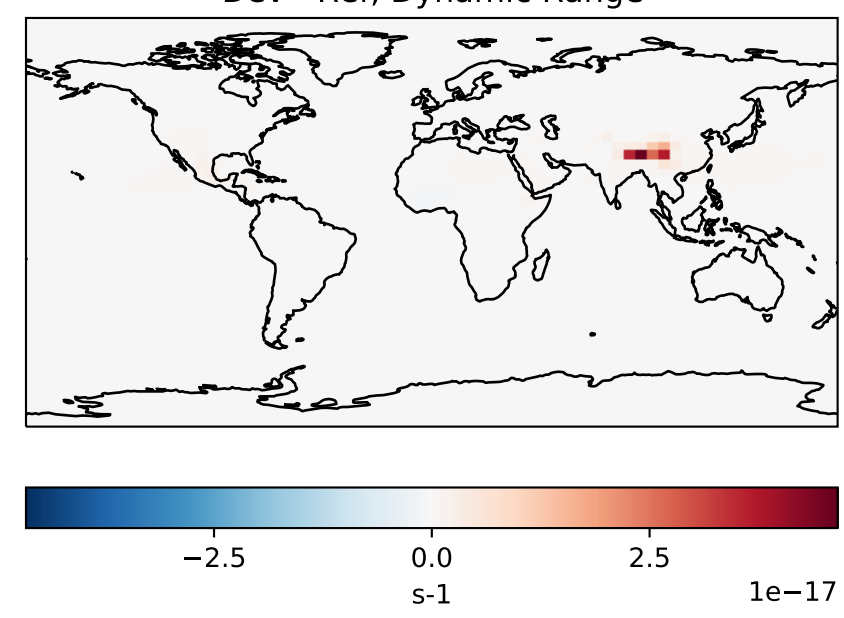
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



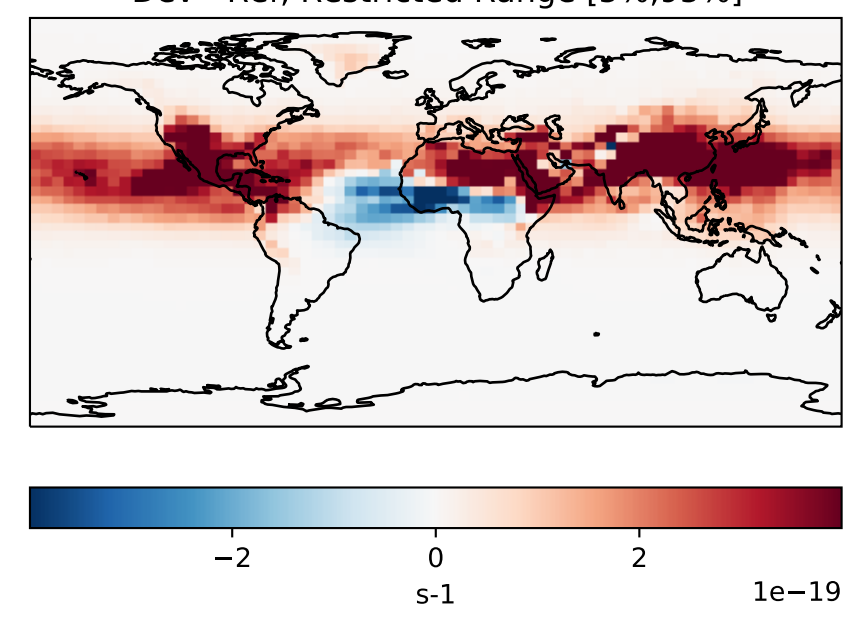
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



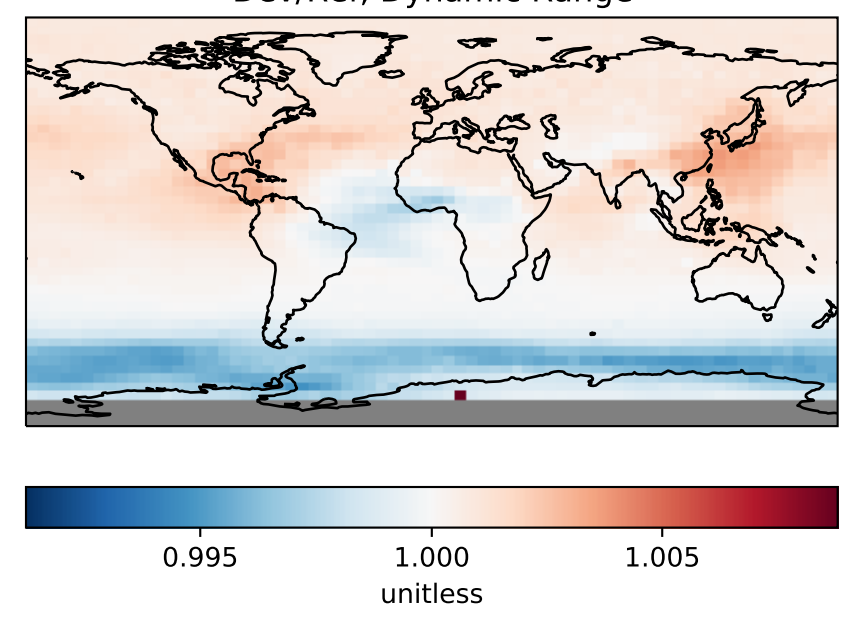
Difference
Dev - Ref, Dynamic Range



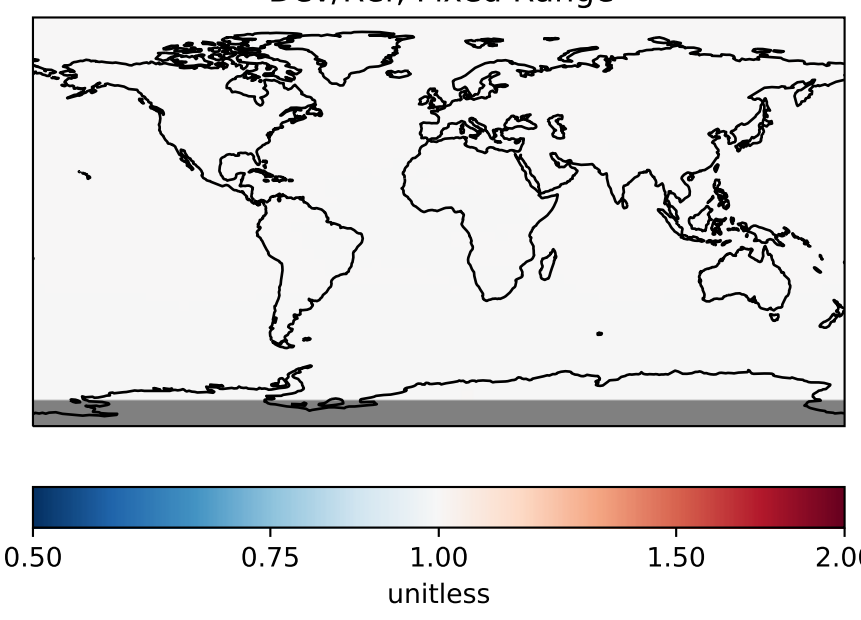
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

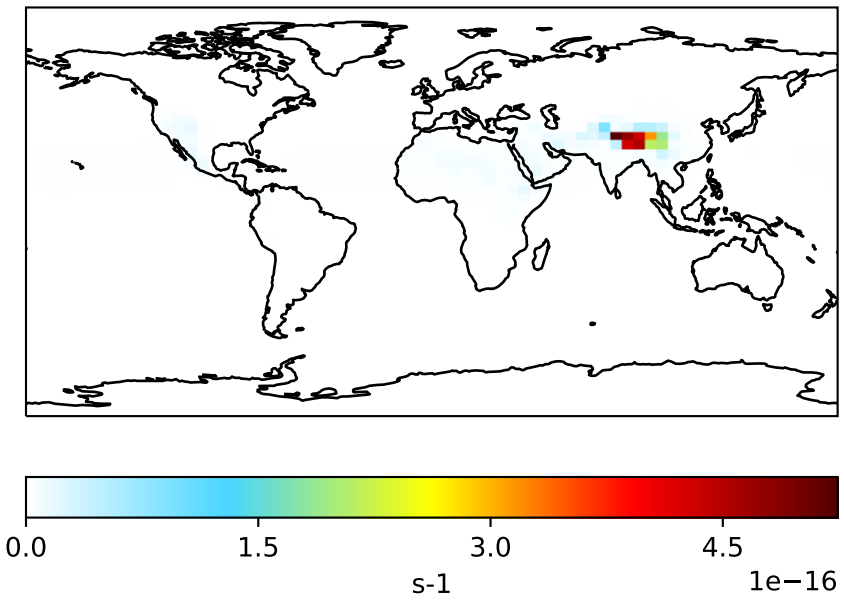


Ratio
Dev/Ref, Fixed Range

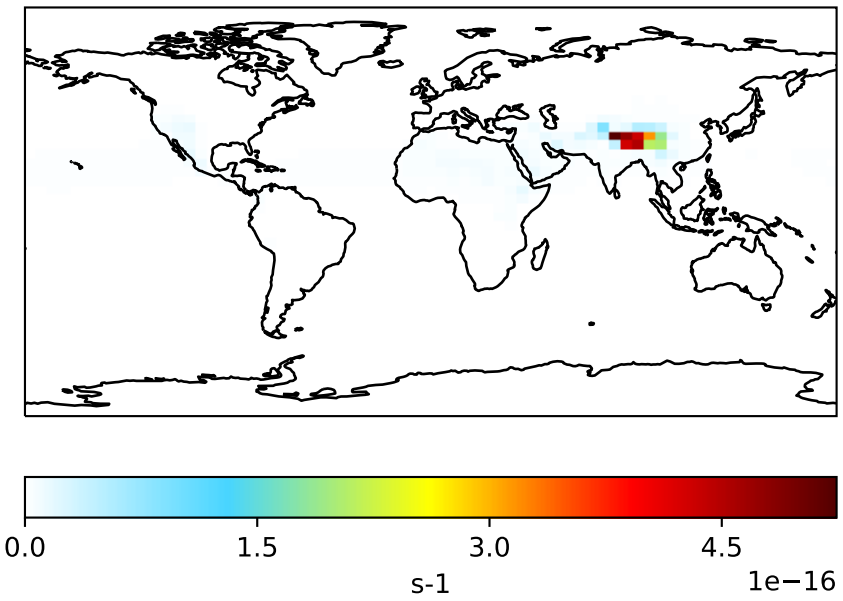


Jval_CH3Cl

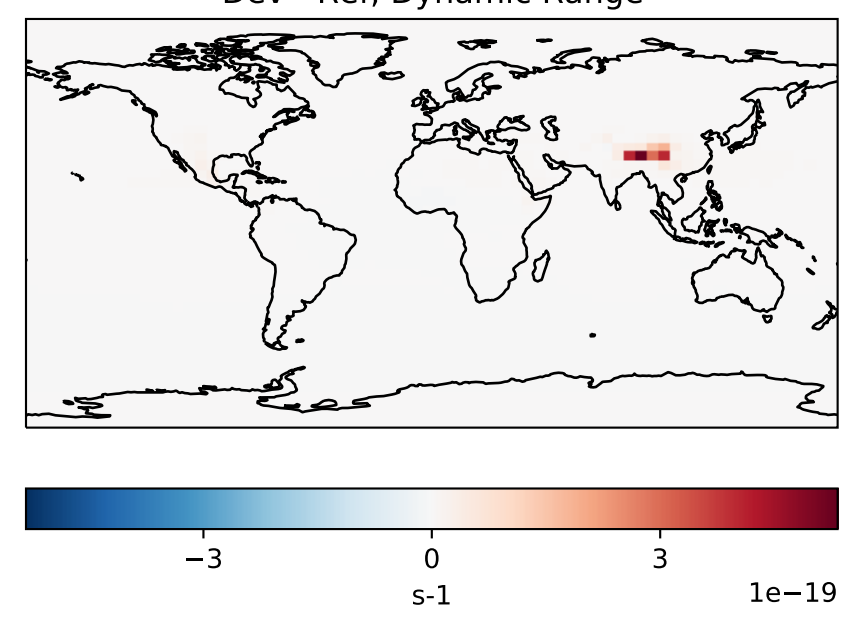
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



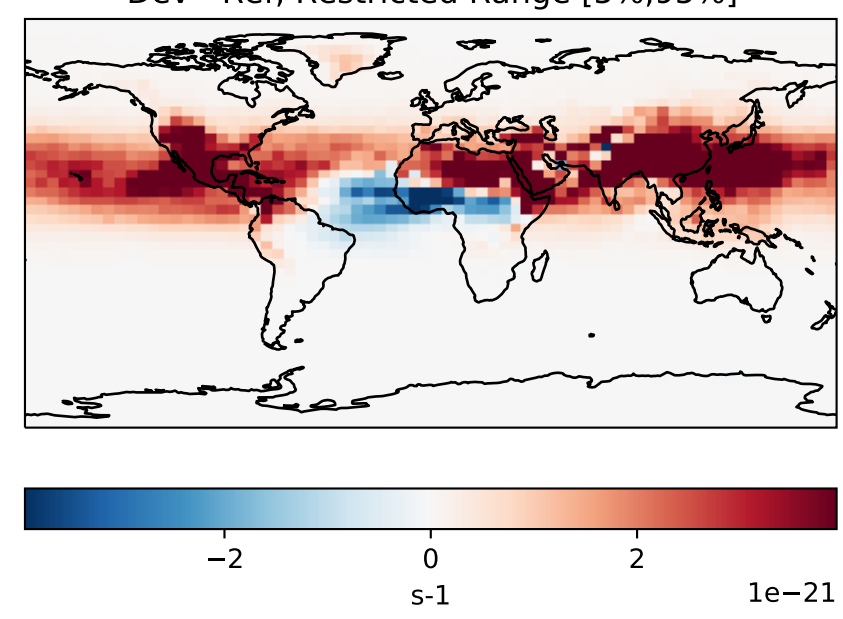
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



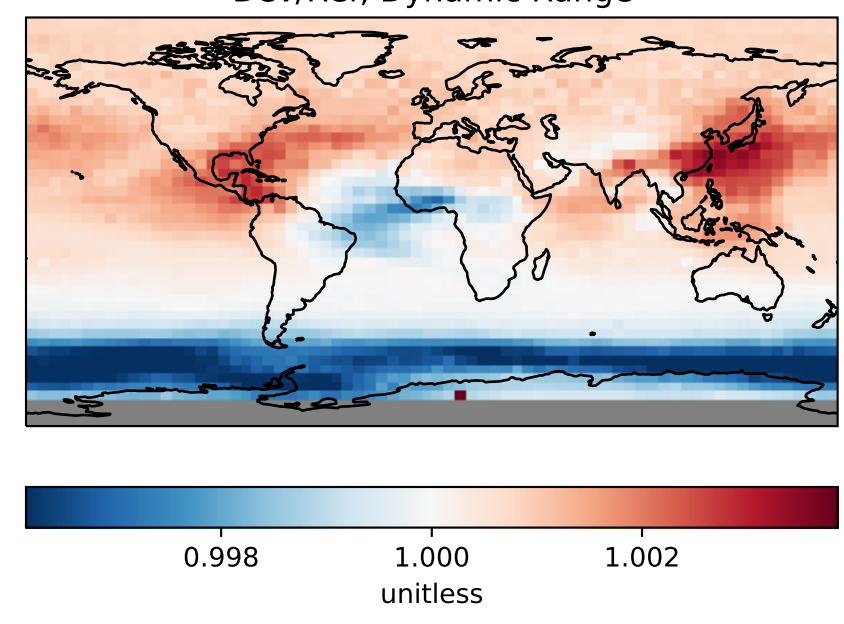
Difference
Dev - Ref, Dynamic Range



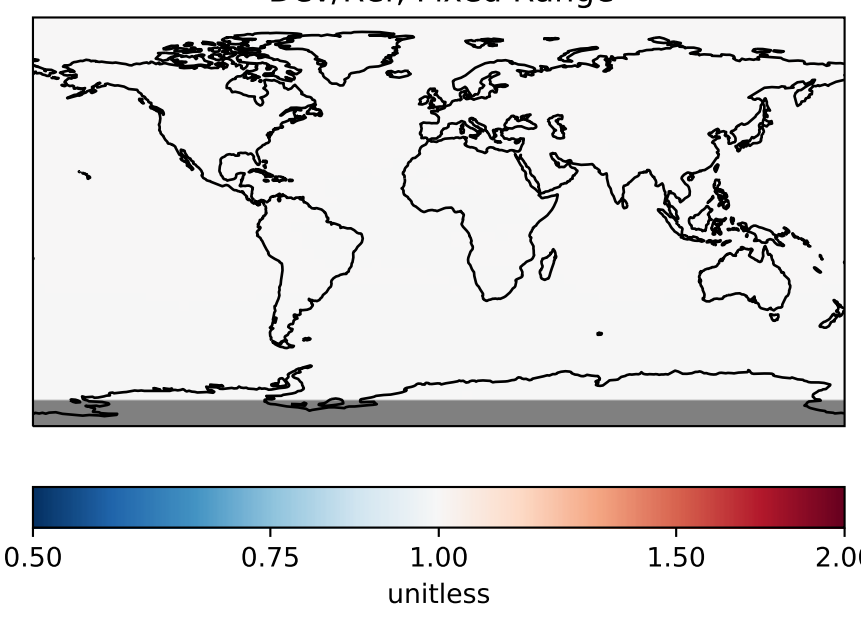
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

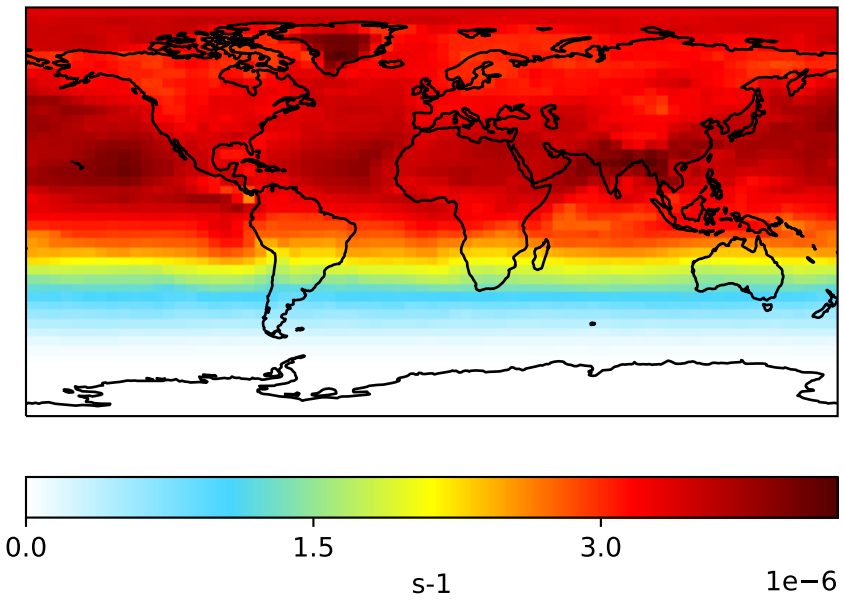


Ratio
Dev/Ref, Fixed Range

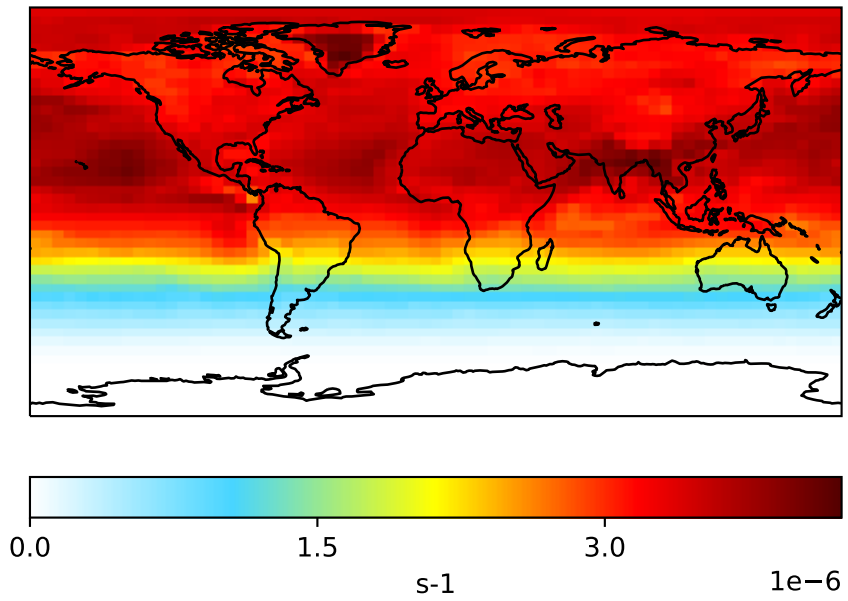


Jval_CH3I

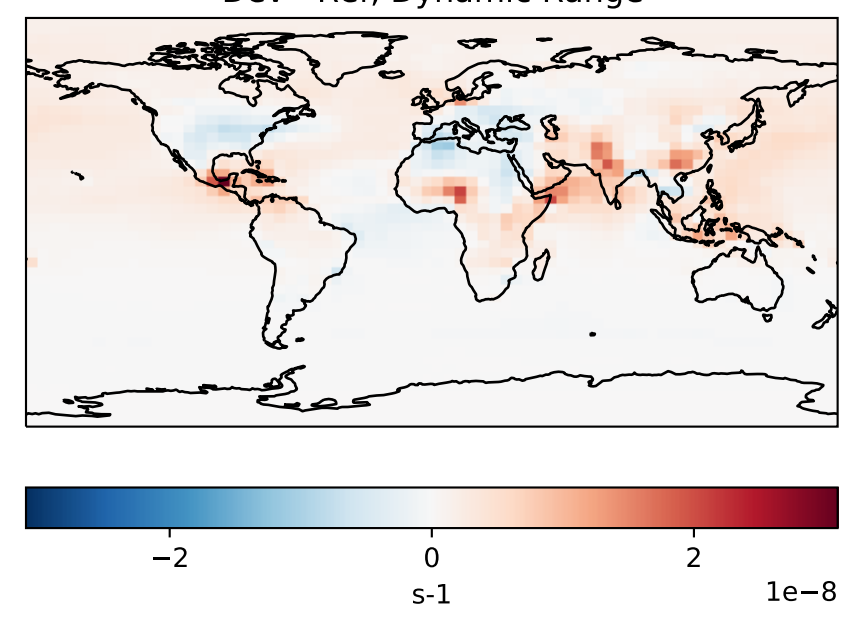
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



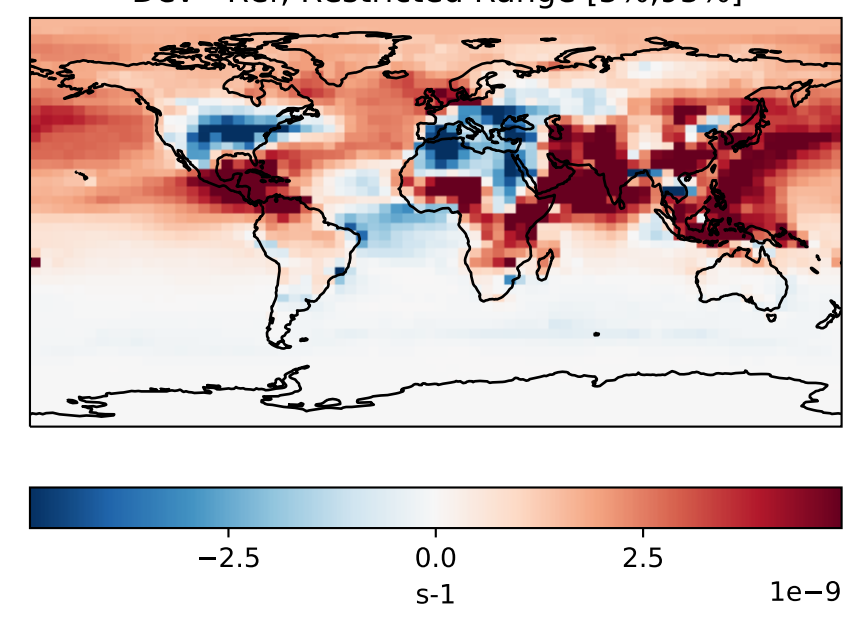
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



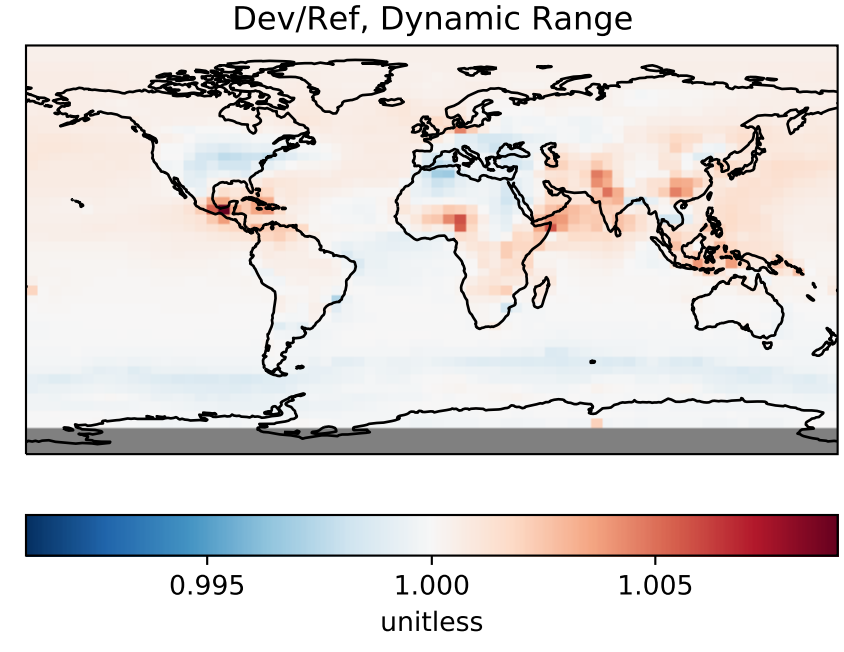
Difference
Dev - Ref, Dynamic Range



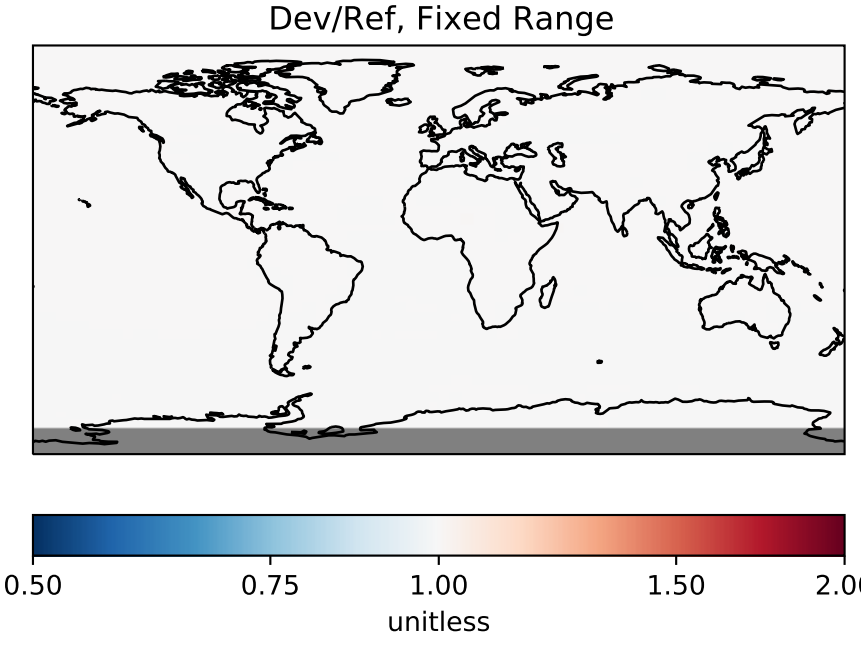
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

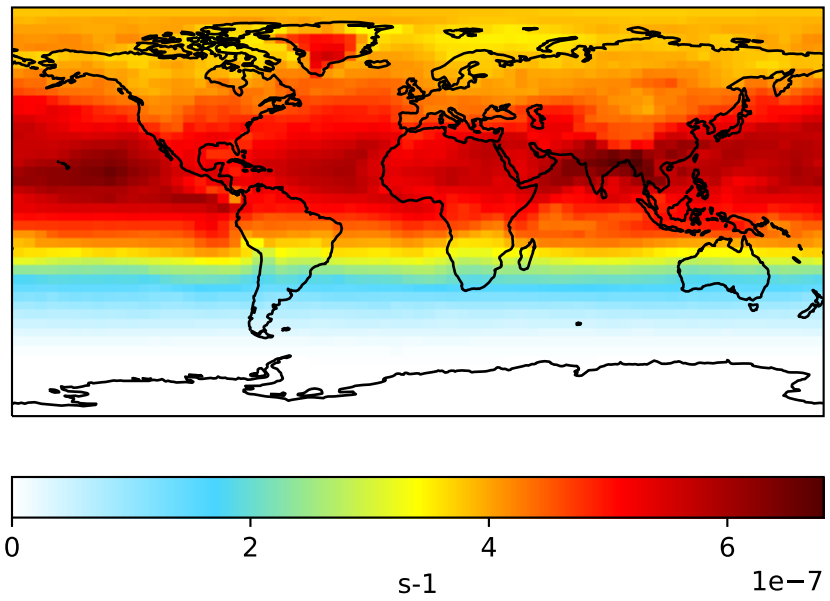


Ratio
Dev/Ref, Fixed Range

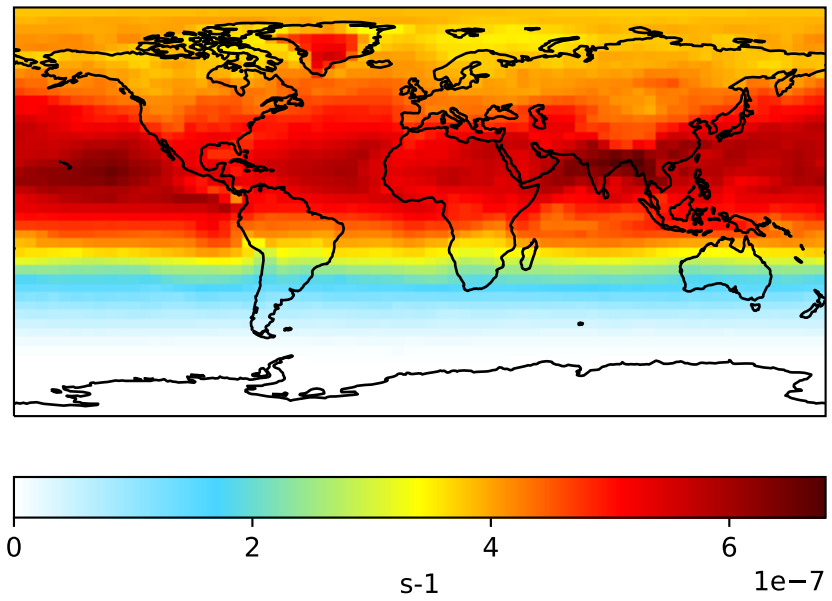


Jval_CHBr3

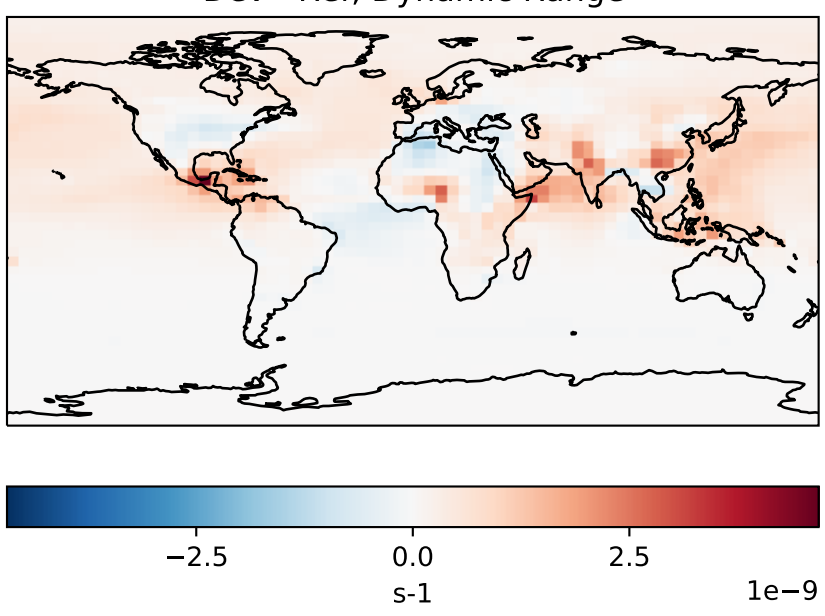
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



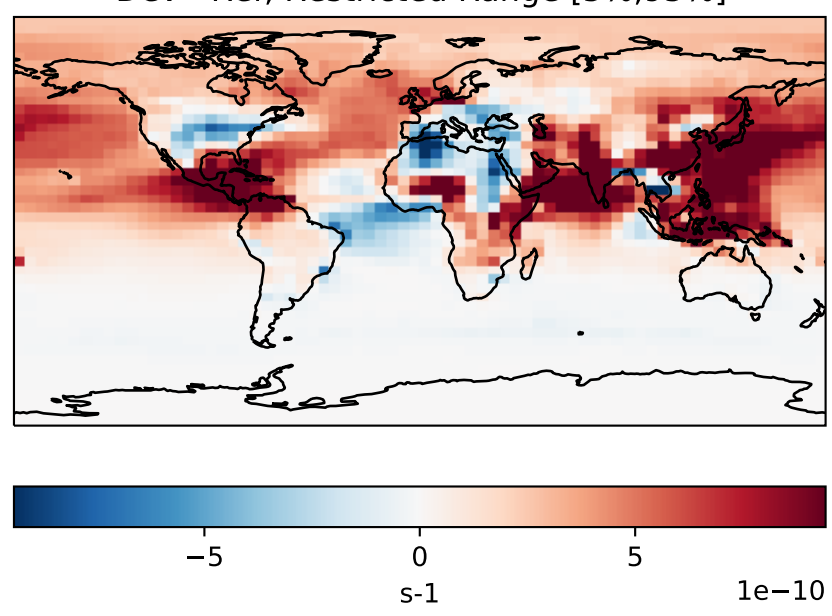
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



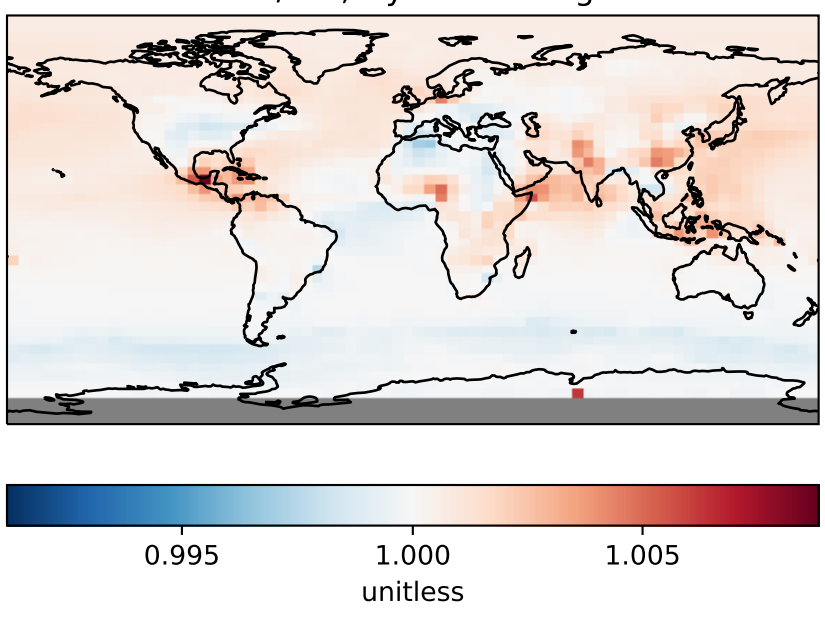
Difference
Dev - Ref, Dynamic Range



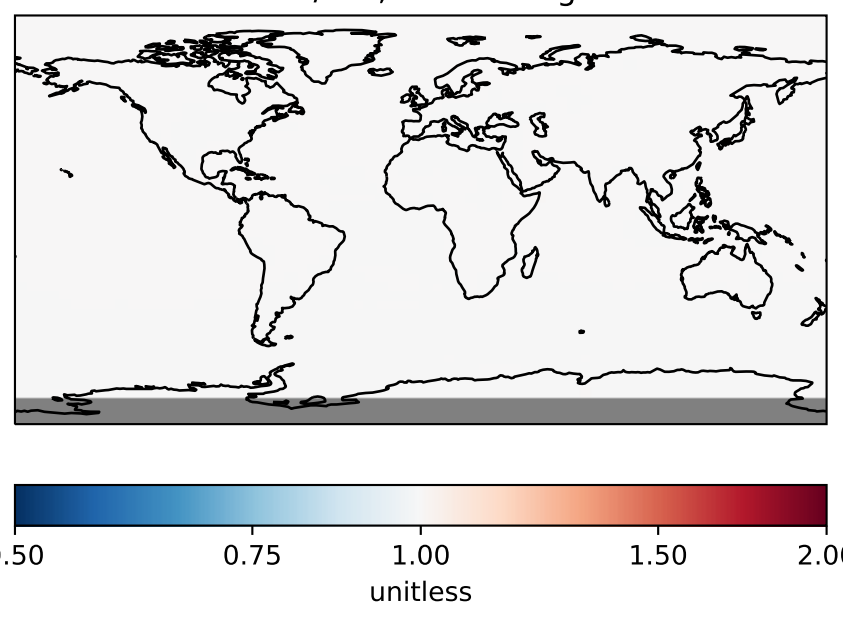
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

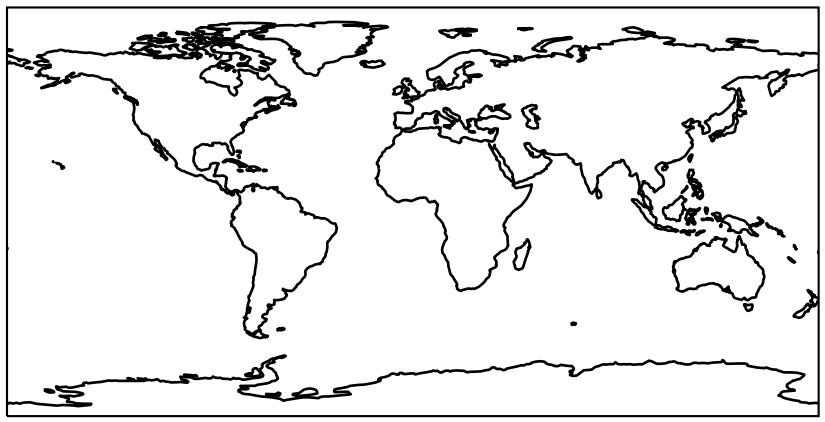


Ratio
Dev/Ref, Fixed Range



Jval_CHCl3

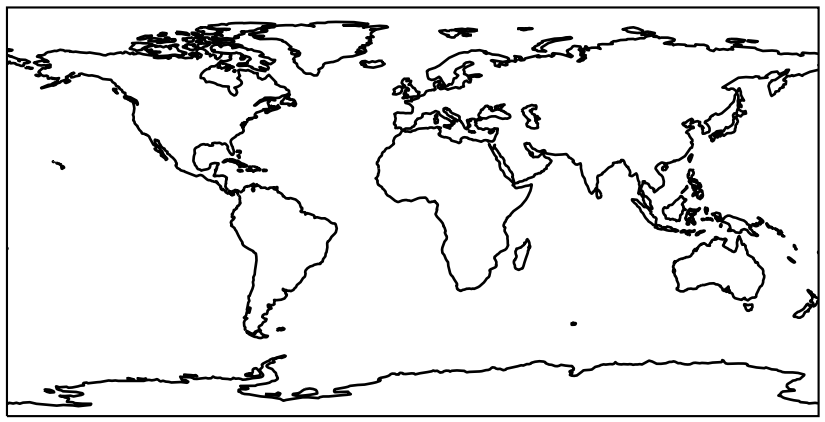
GCC_13.1.0-beta.1 (Ref)
4.0x5.0





Zero throughout domain
s-1

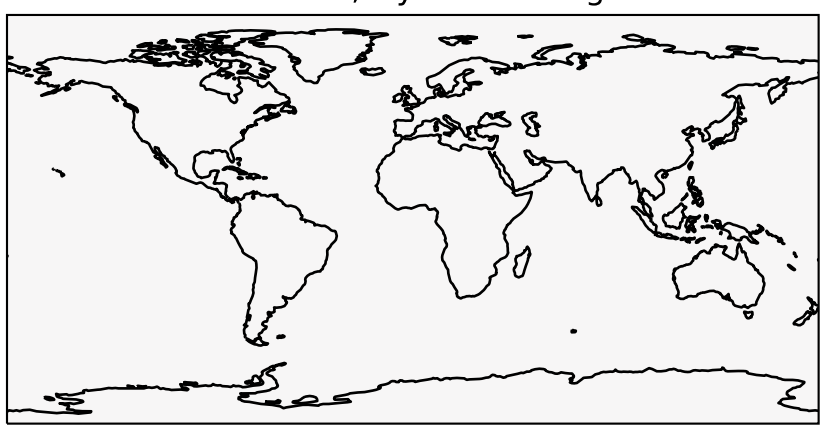
GCC_13.2.0-beta.0 (Dev)
4.0x5.0





Zero throughout domain
s-1

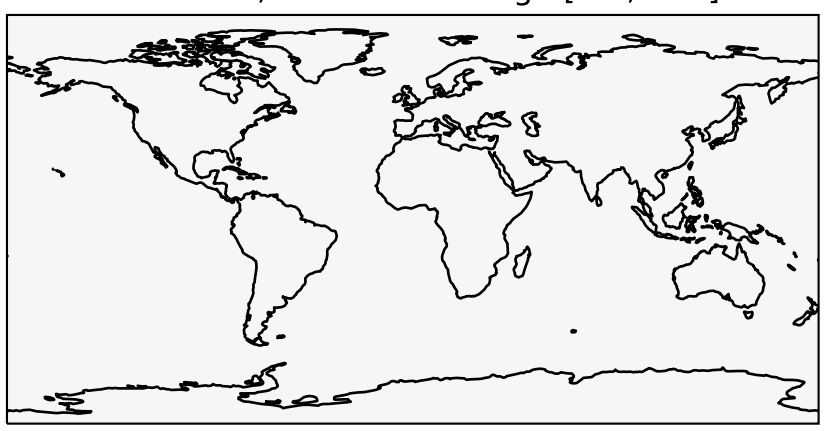
Difference
Dev - Ref, Dynamic Range





Zero throughout domain
s-1

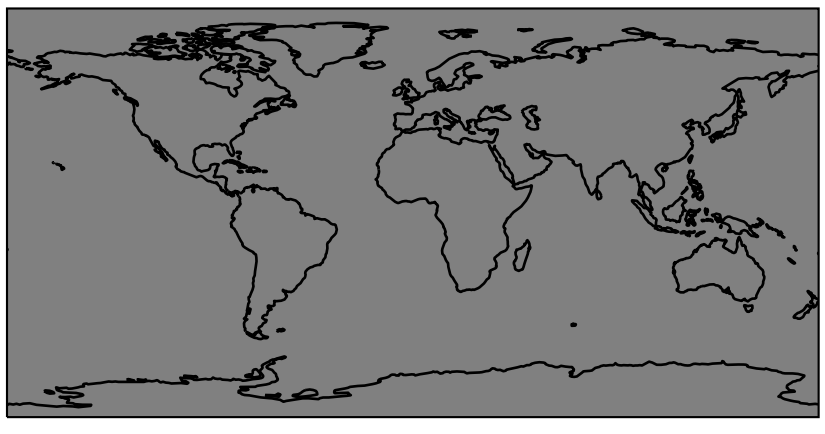
Difference
Dev - Ref, Restricted Range [5%,95%]





Zero throughout domain
s-1

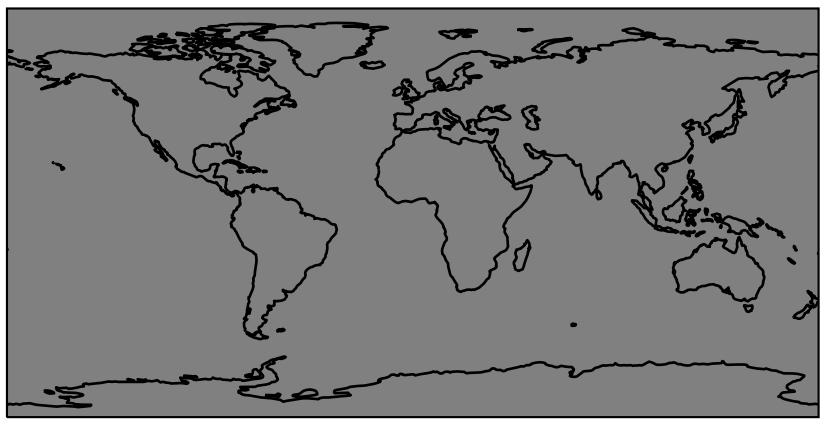
Ratio
Dev/Ref, Dynamic Range





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Ratio
Dev/Ref, Fixed Range

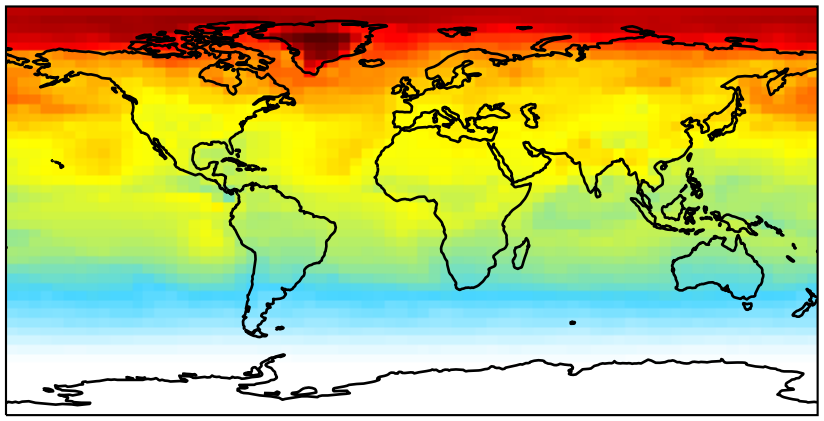


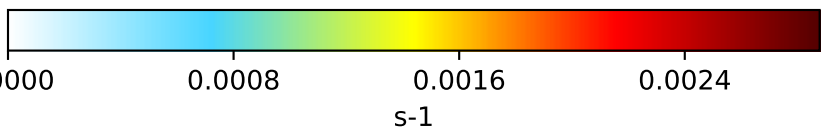


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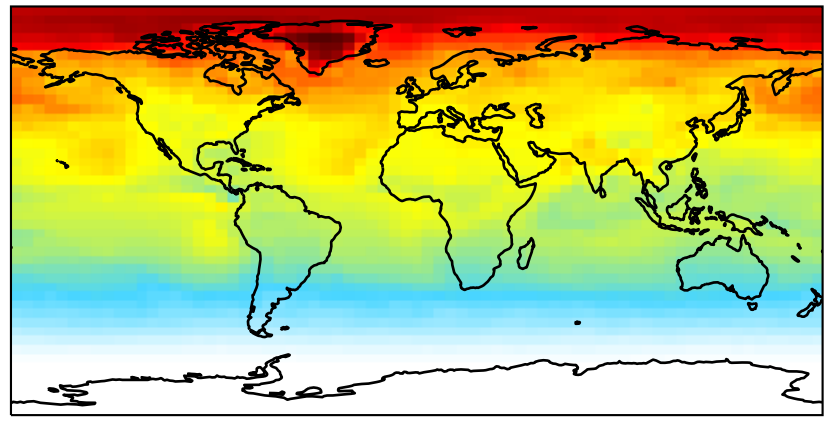
Jval_Cl2

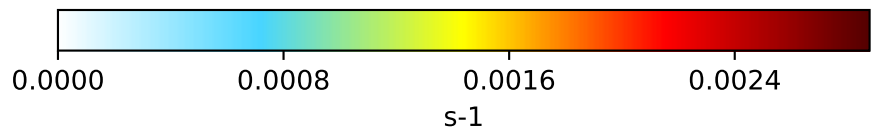
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



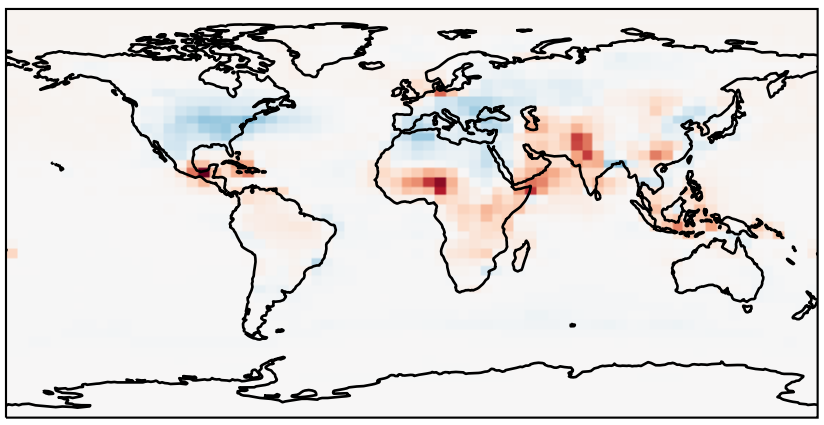


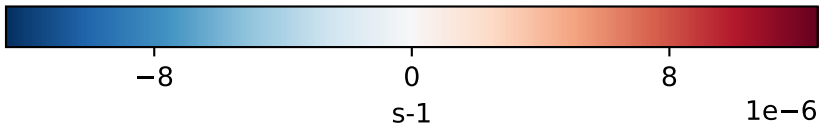
GCC_13.2.0-beta.0 (Dev)
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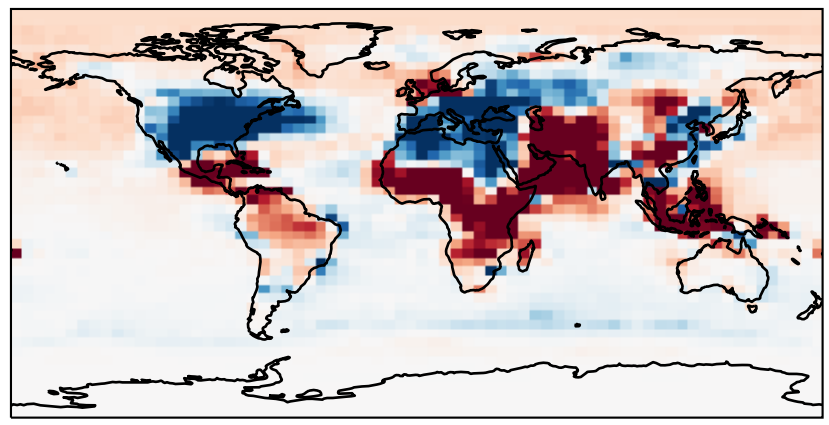


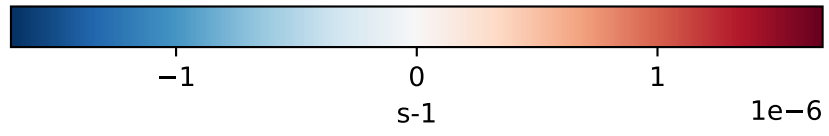
Difference
Dev - Ref, Dynamic Range



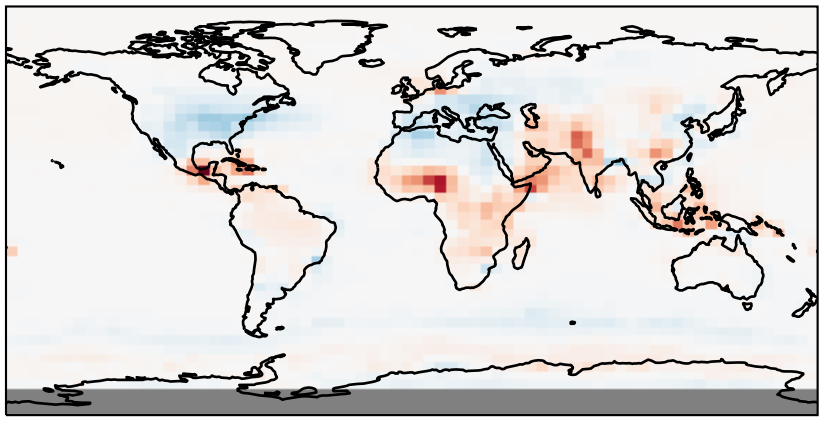


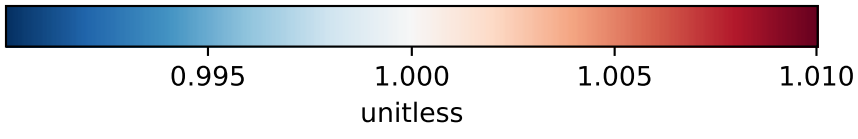
Difference
Dev - Ref, Restricted Range [5%,95%]



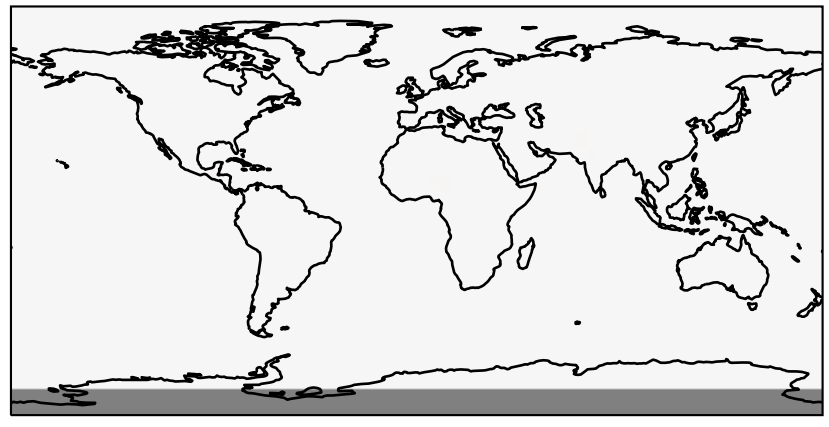


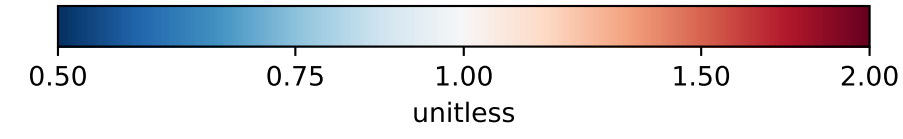
Ratio
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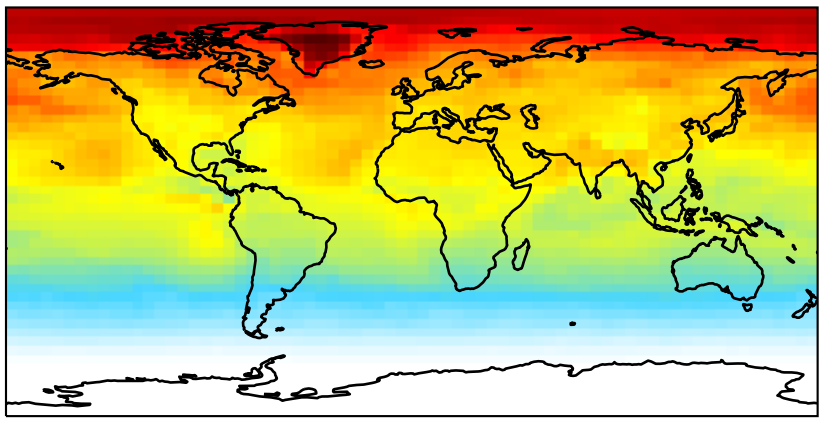
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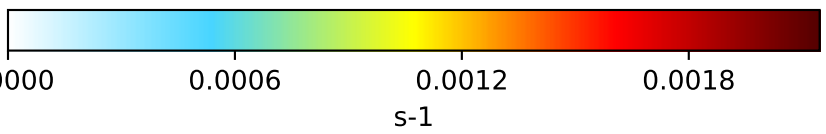




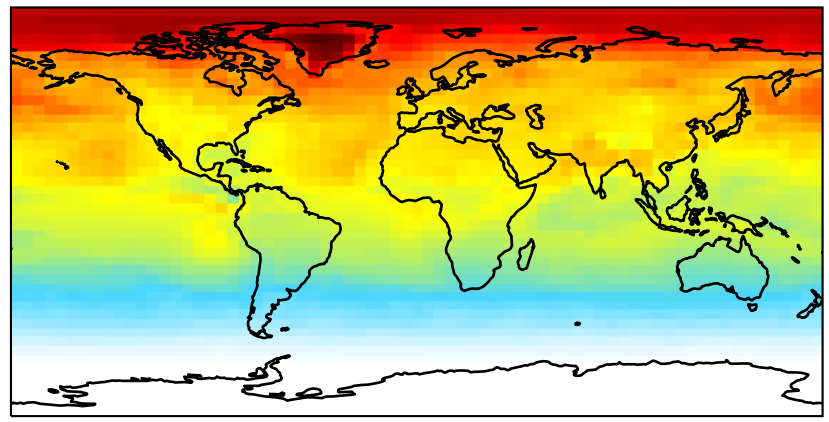
Jval_Cl2O2

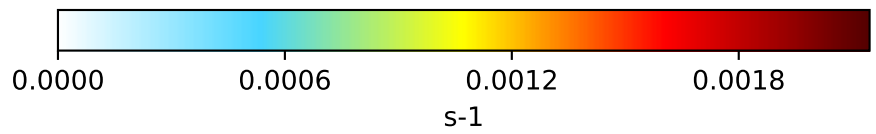
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



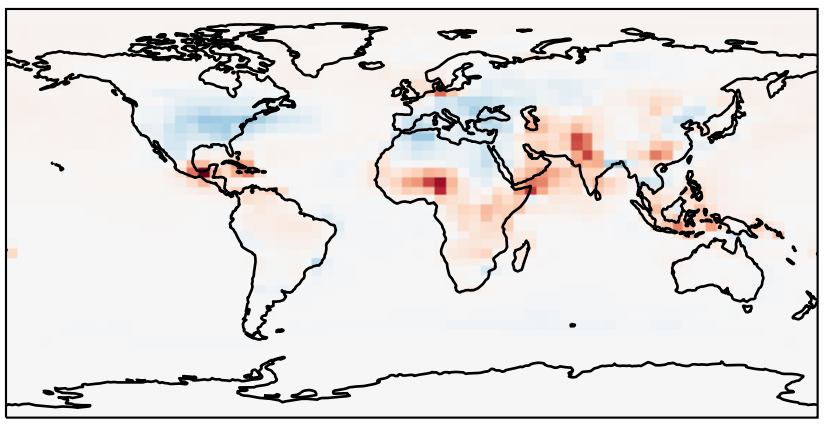


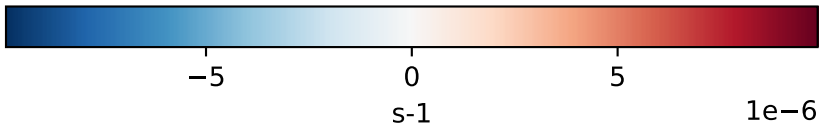
GCC_13.2.0-beta.0 (Dev)
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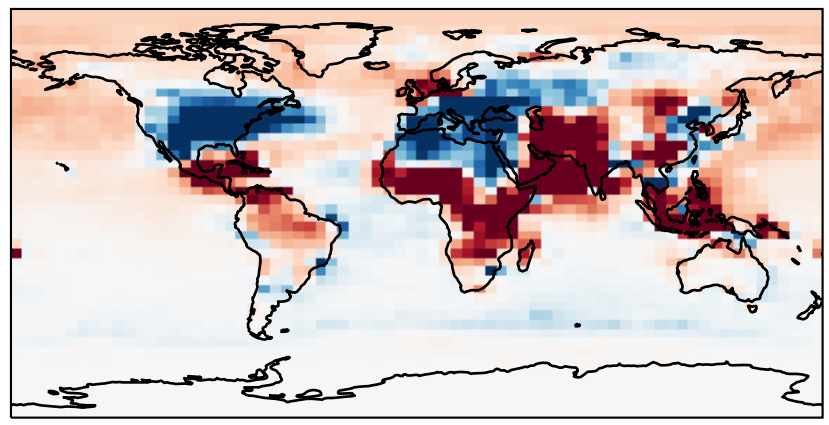


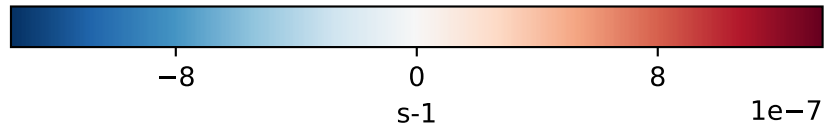
Difference
Dev - Ref, Dynamic Range



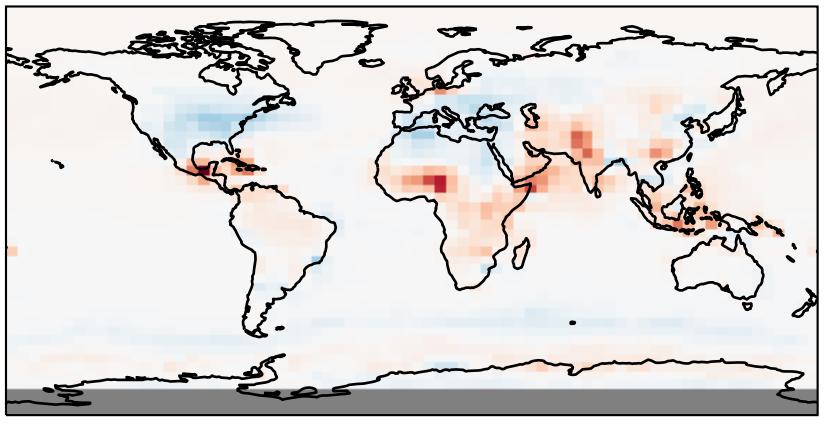


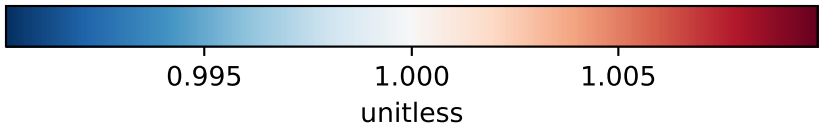
Difference
Dev - Ref, Restricted Range [5%,95%]



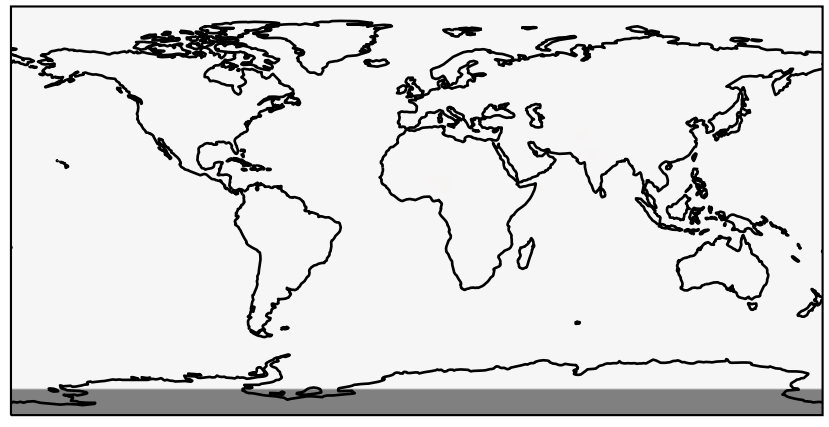


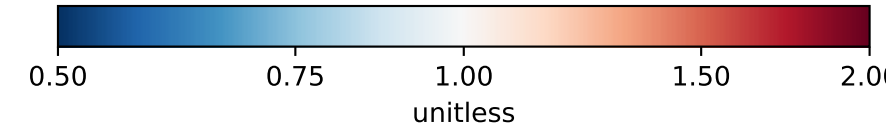
Ratio
Dev/Ref, Dynamic Range





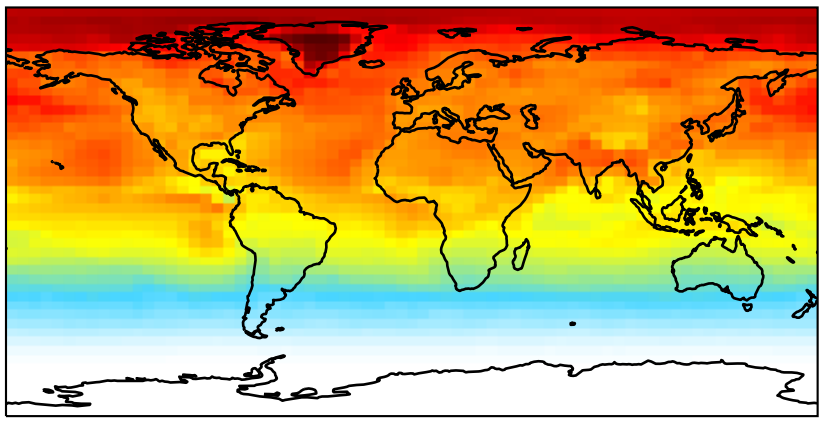
Ratio
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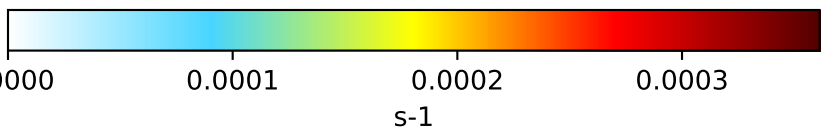




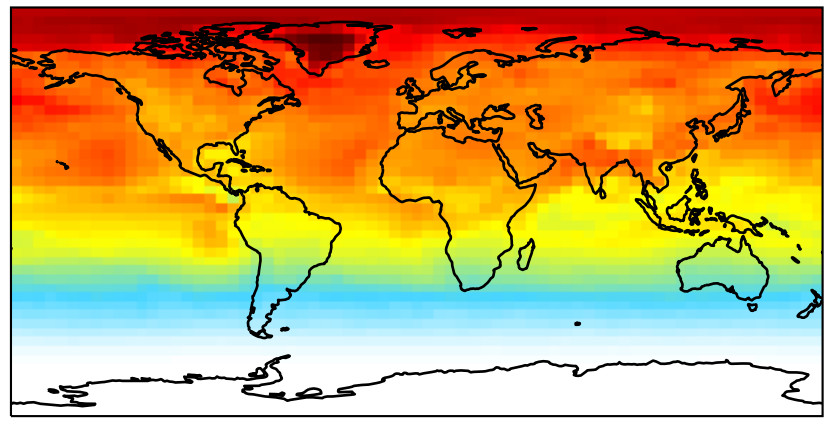
Jval_ClNO2

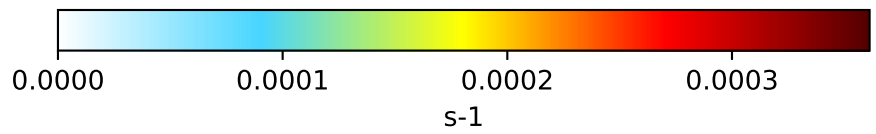
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



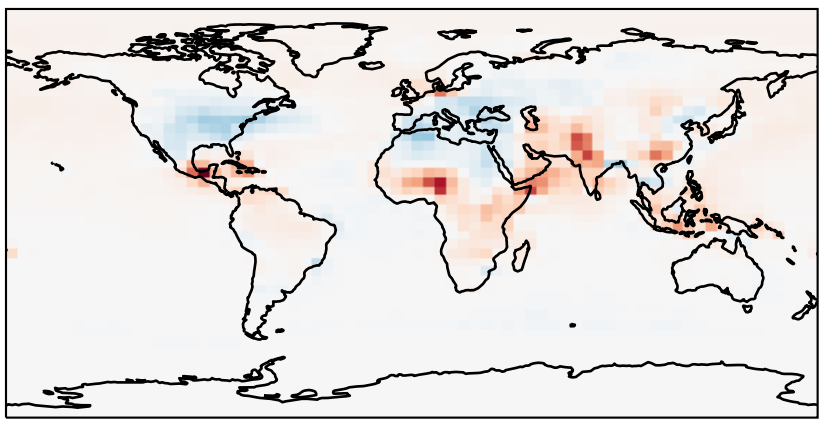


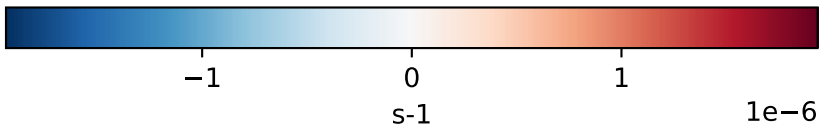
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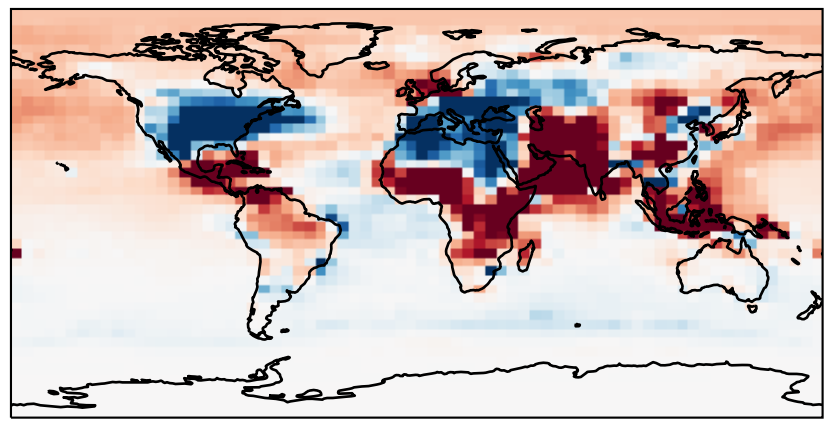


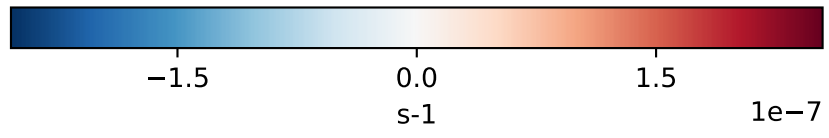
Difference
Dev - Ref, Dynamic Range



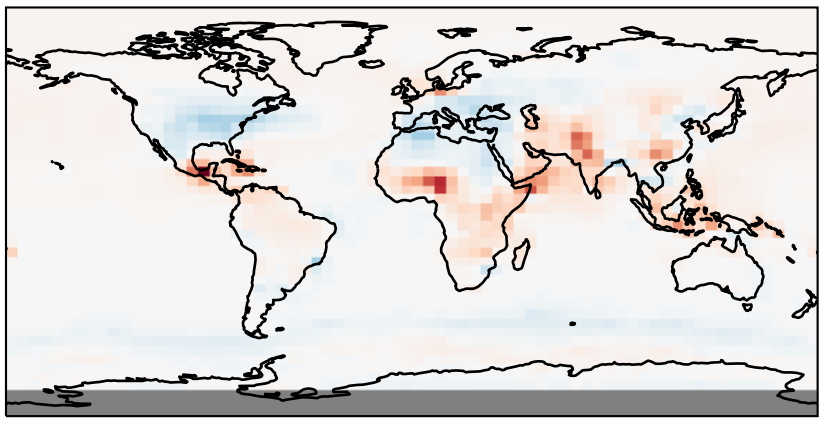


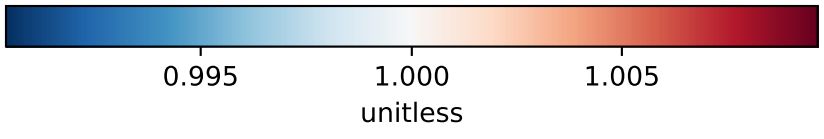
Difference
Dev - Ref, Restricted Range [5%,95%]



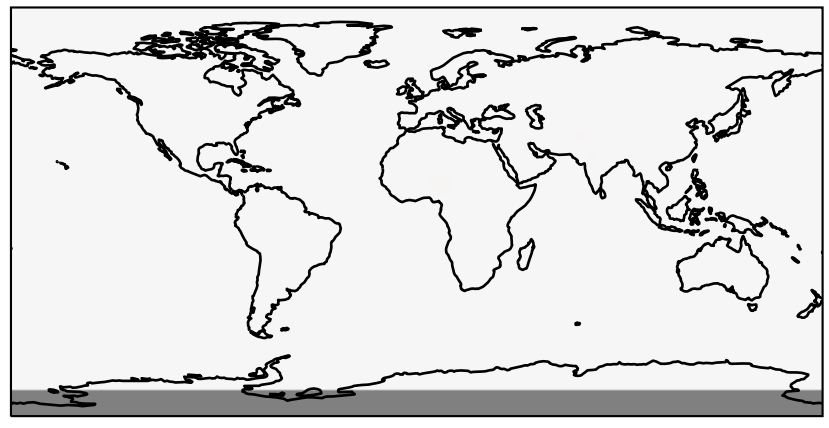


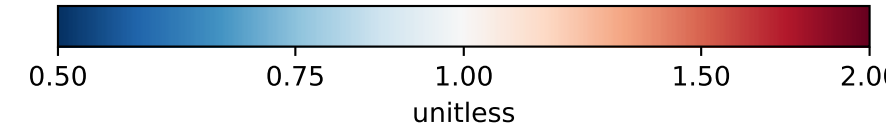
Ratio
Dev/Ref, Dynamic Range





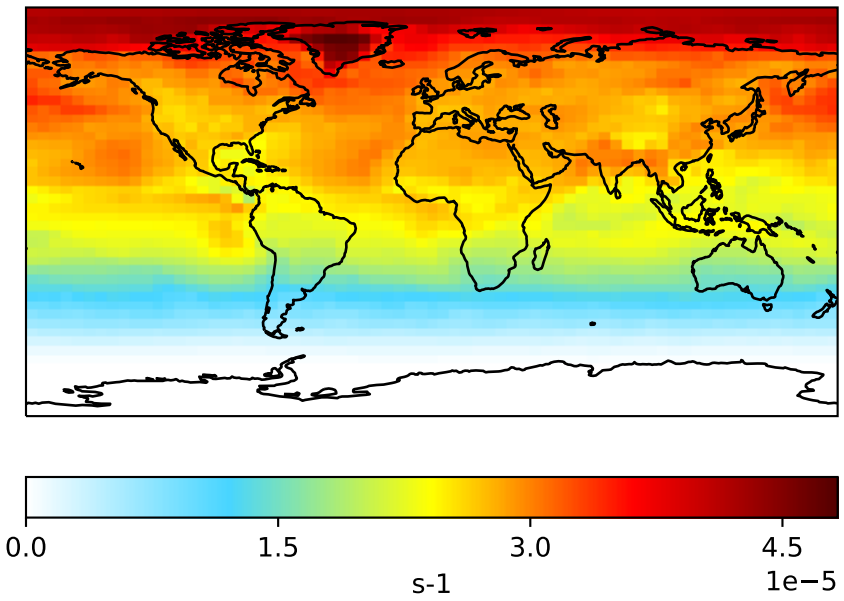
Ratio
Dev/Ref, Fixed Range



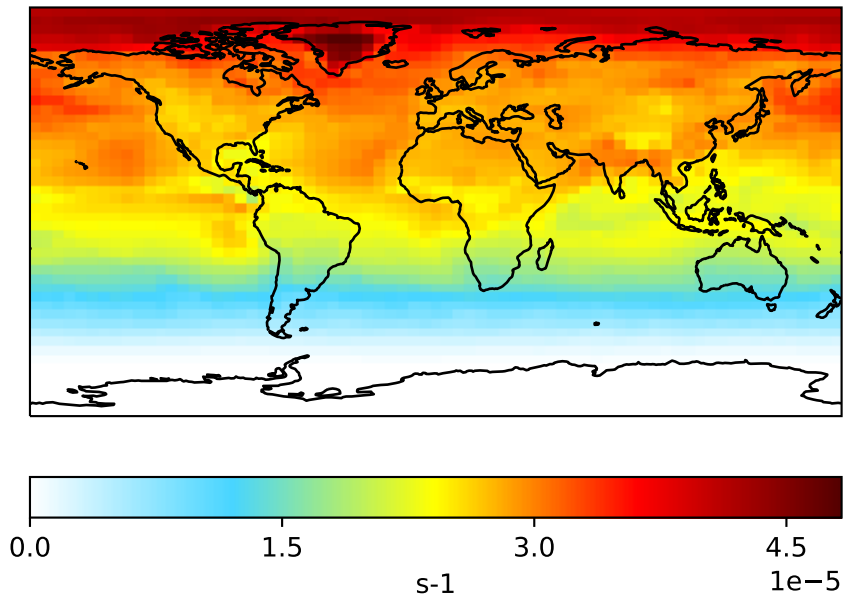


Jval_ClNO3

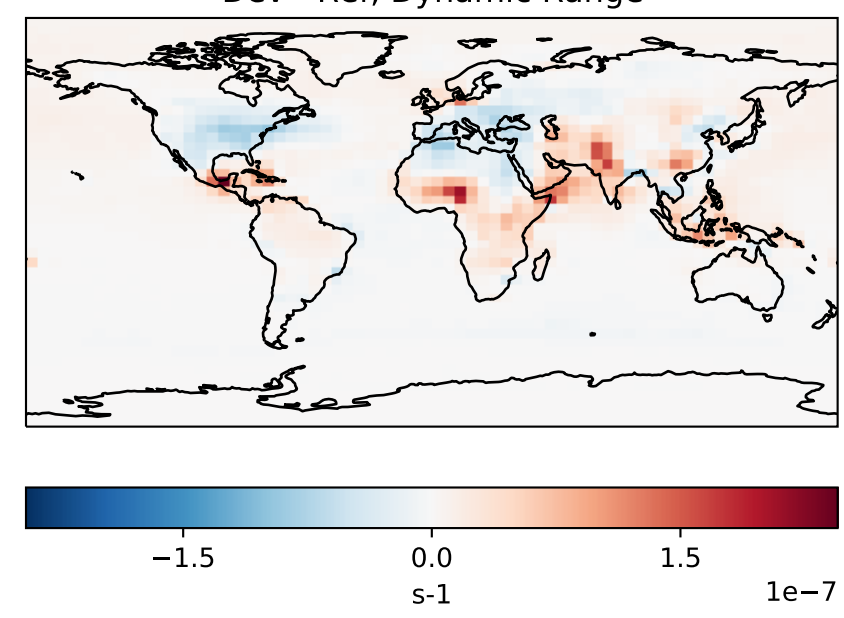
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



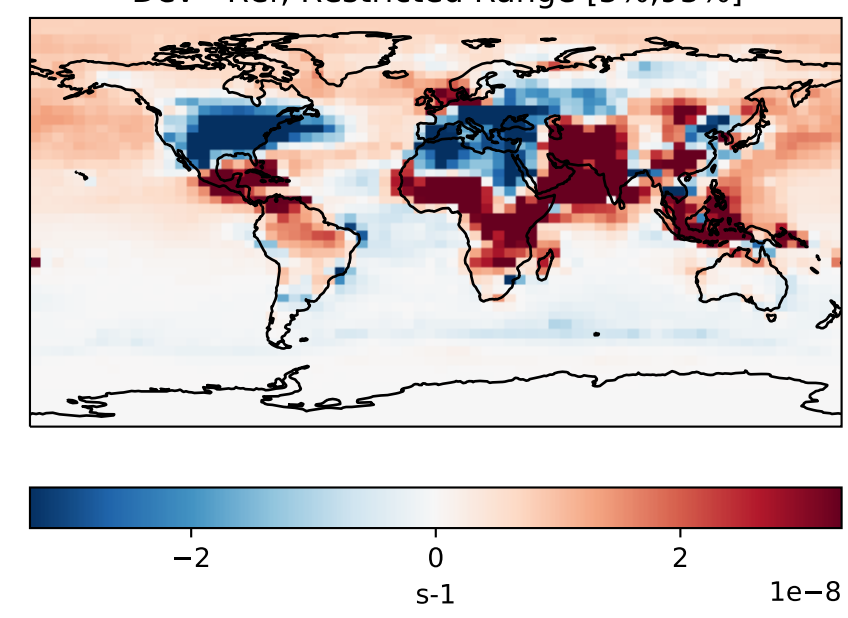
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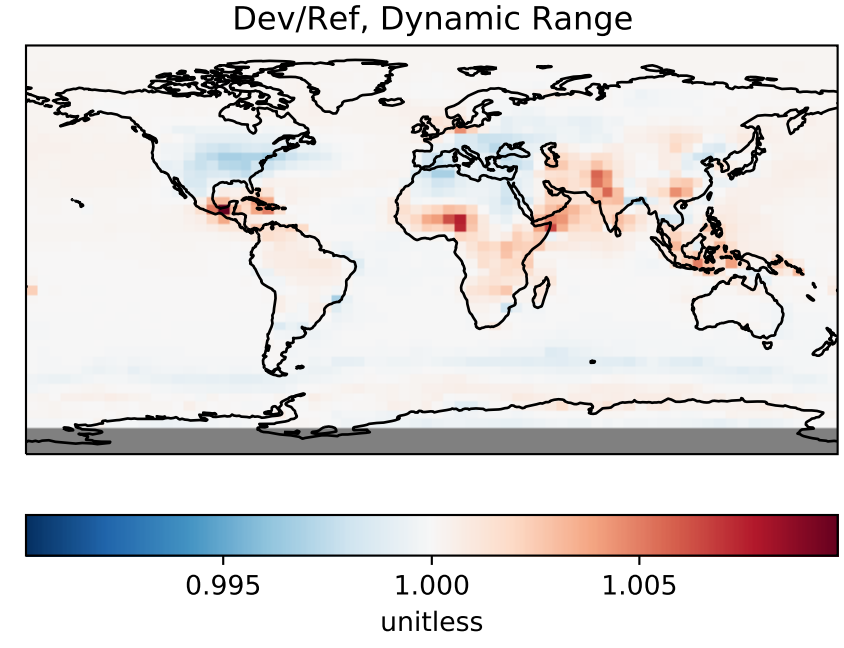
Difference
Dev - Ref, Dynamic Range



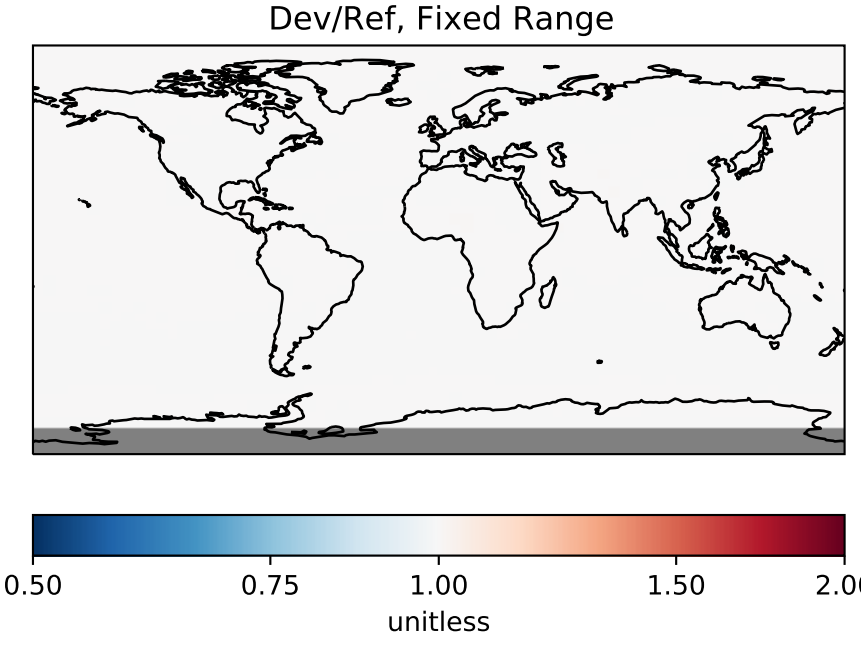
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

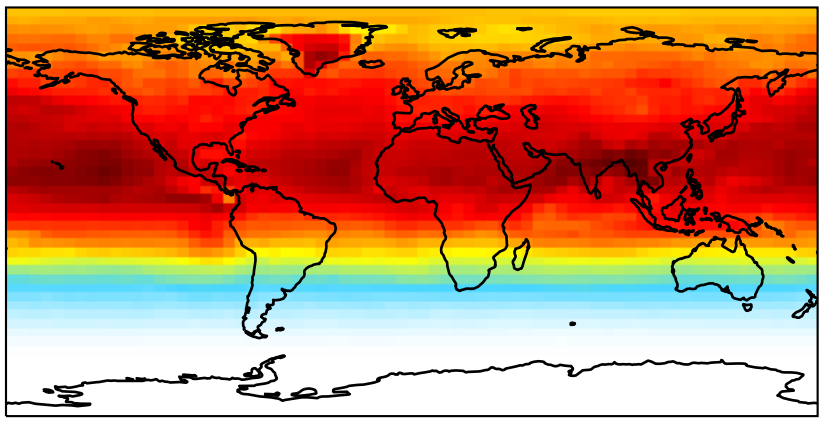


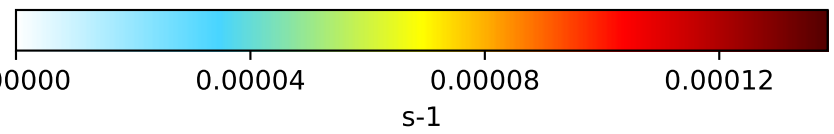
Ratio
Dev/Ref, Fixed Range



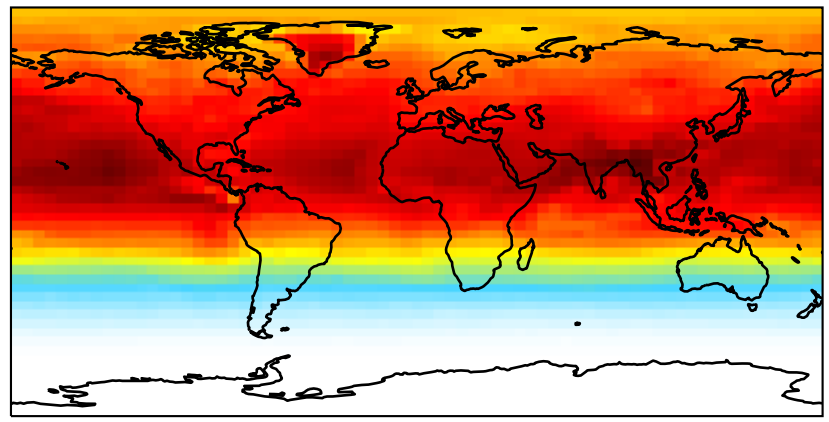
Jval_ClO

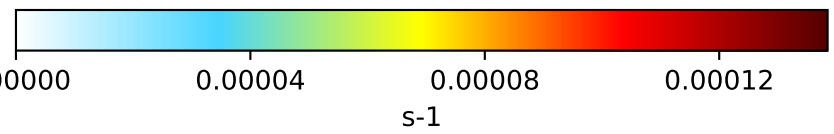
GCC_13.1.0-beta.1 (Ref)
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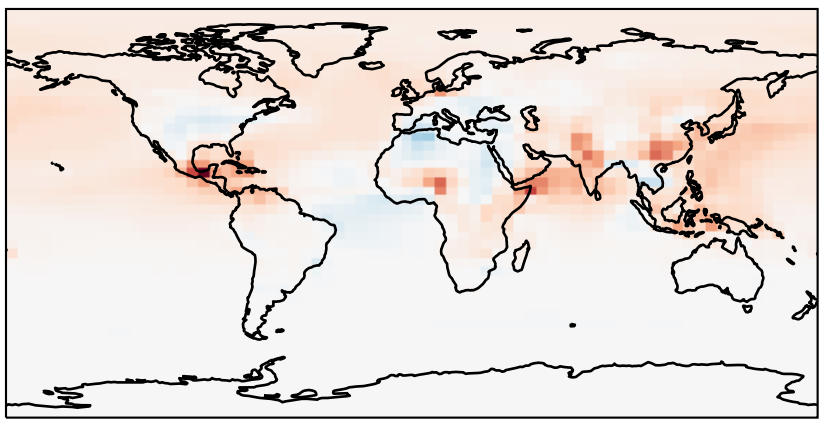


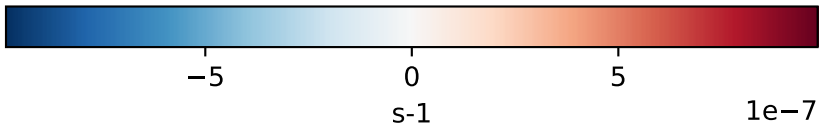
GCC_13.2.0-beta.0 (Dev)
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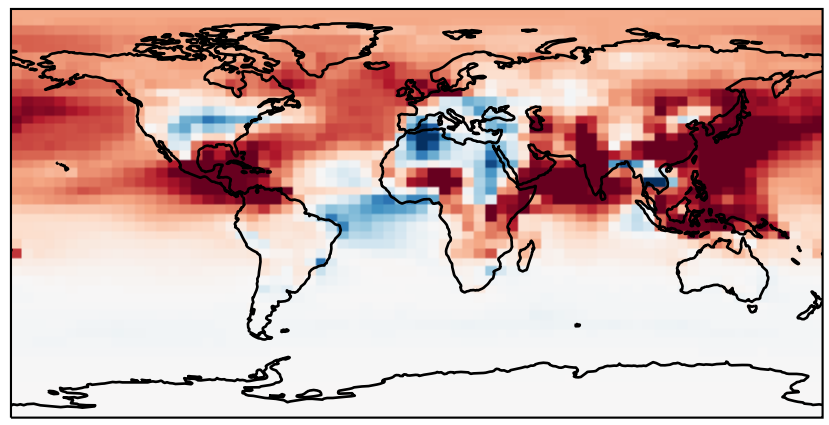


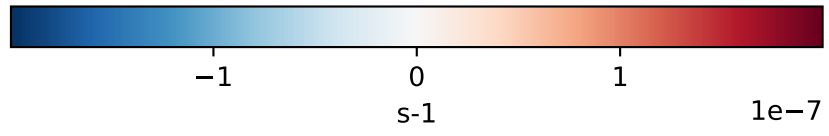
Difference
Dev - Ref, Dynamic Range



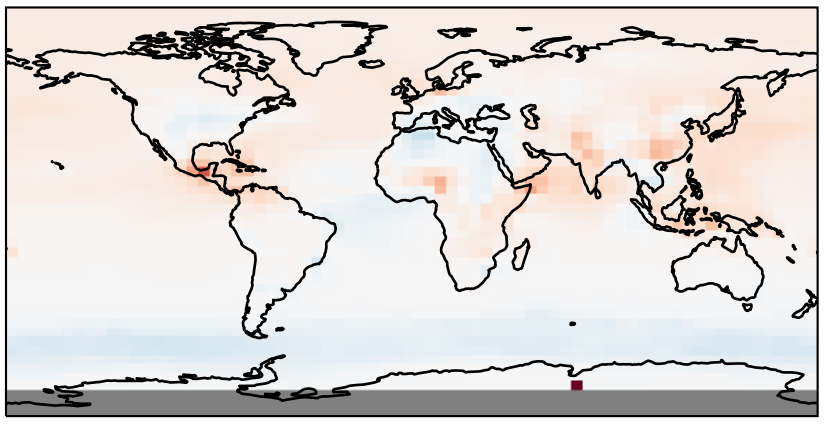


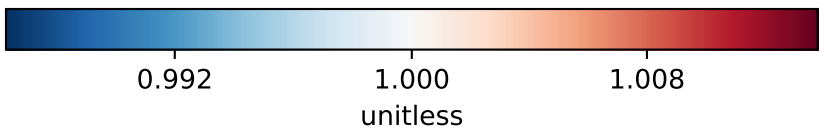
Difference
Dev - Ref, Restricted Range [5%,95%]



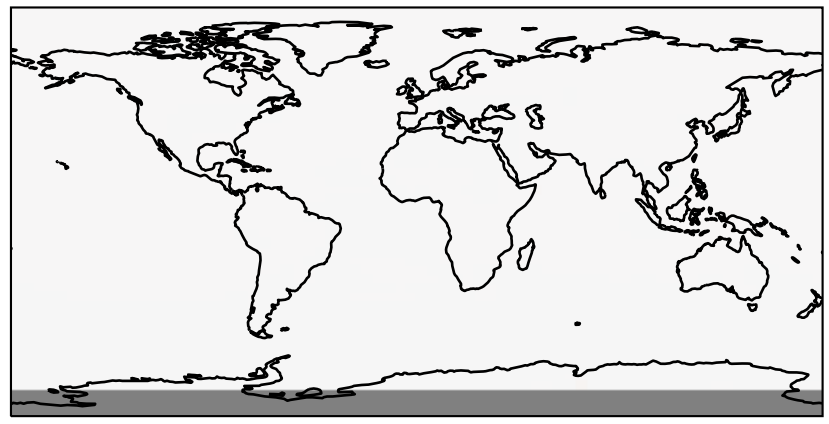


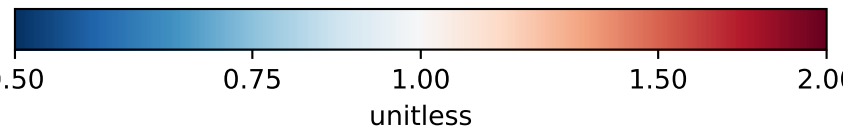
Ratio
Dev/Ref, Dynamic Range





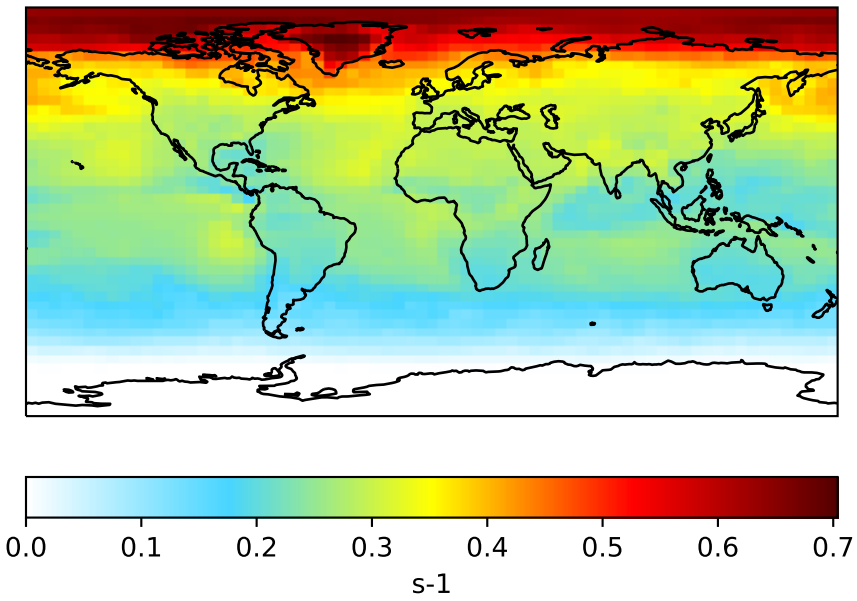
Ratio
Dev/Ref, Fixed Range



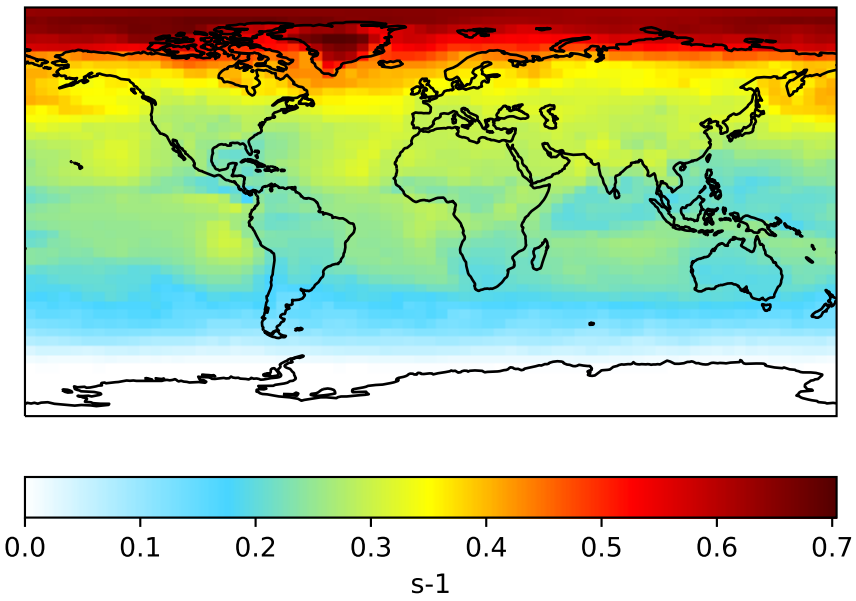


Jval_ClOO

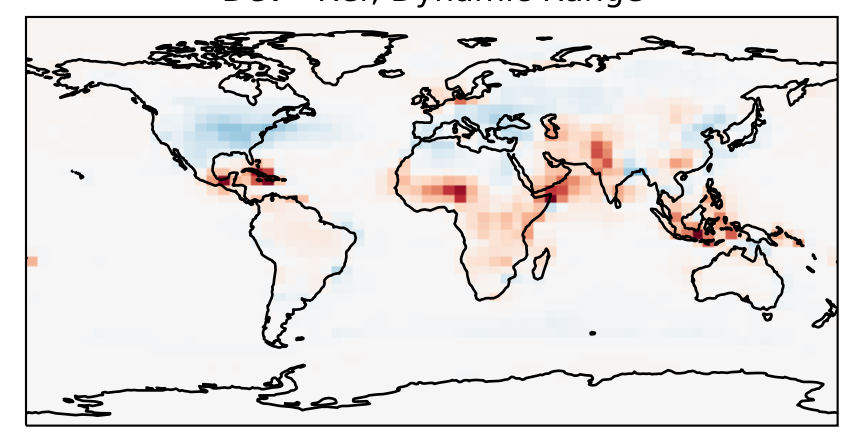
GCC_13.1.0-beta.1 (Ref)
4.0x5.0

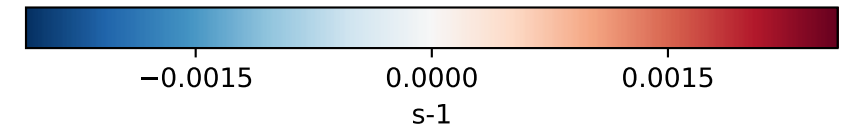


GCC_13.2.0-beta.0 (Dev)
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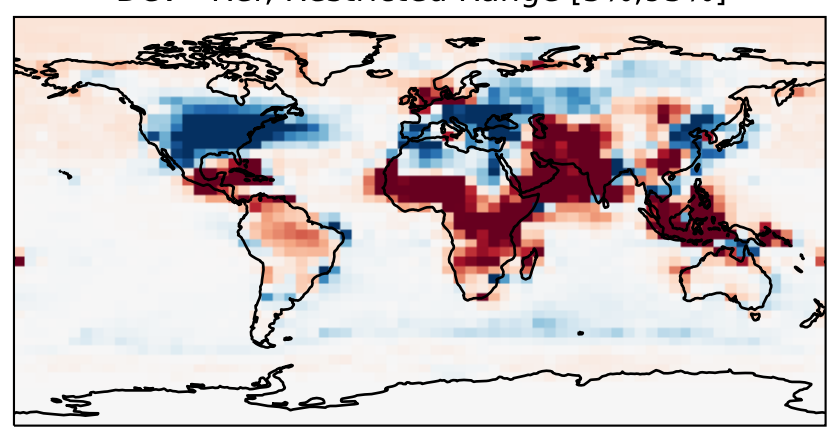


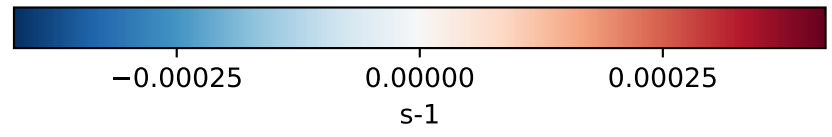
Difference
Dev - Ref, Dynamic Range



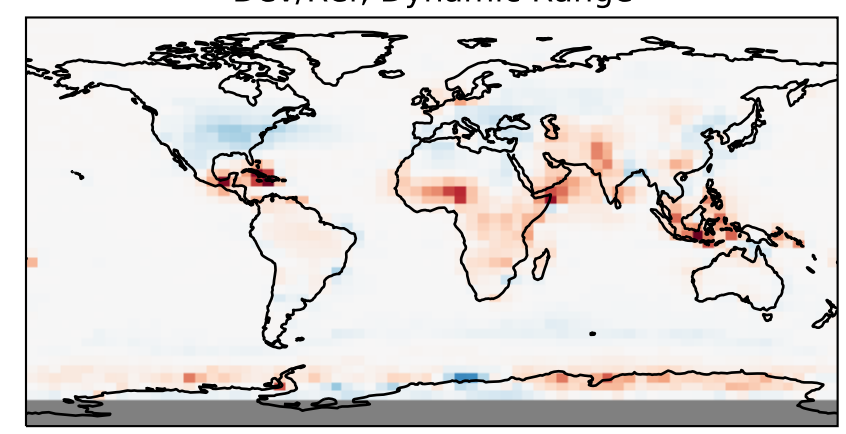


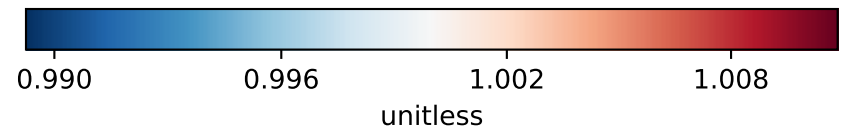
Difference
Dev - Ref, Restricted Range [5%,95%]





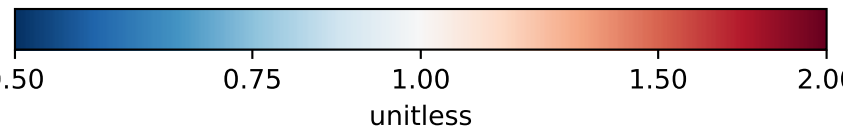
Ratio
Dev/Ref, Dynamic Range





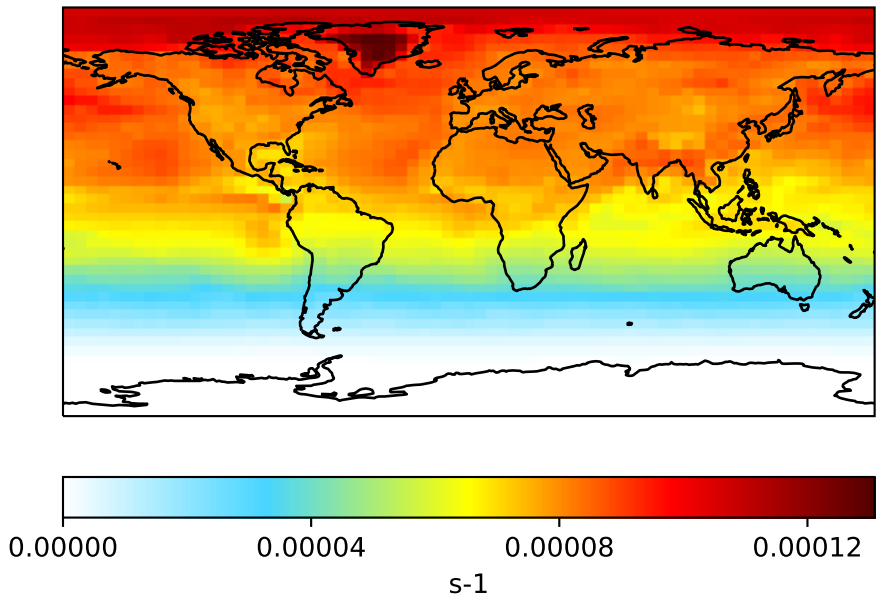
Ratio
Dev/Ref, Fixed Range



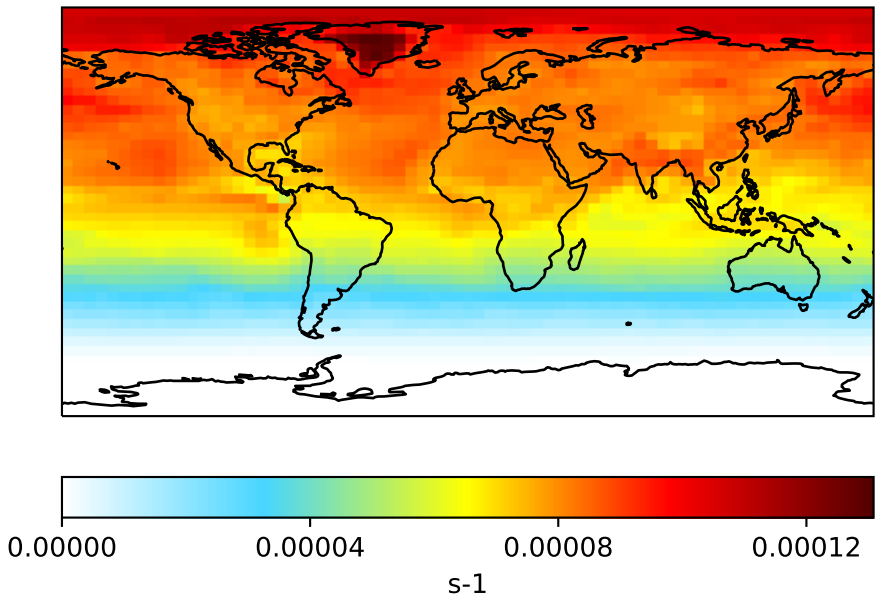


Jval_ETHLN

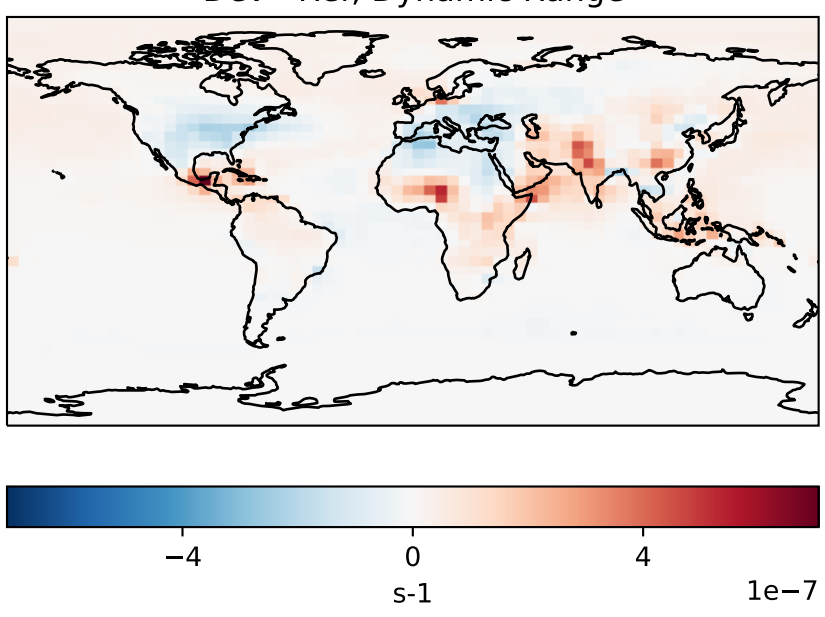
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



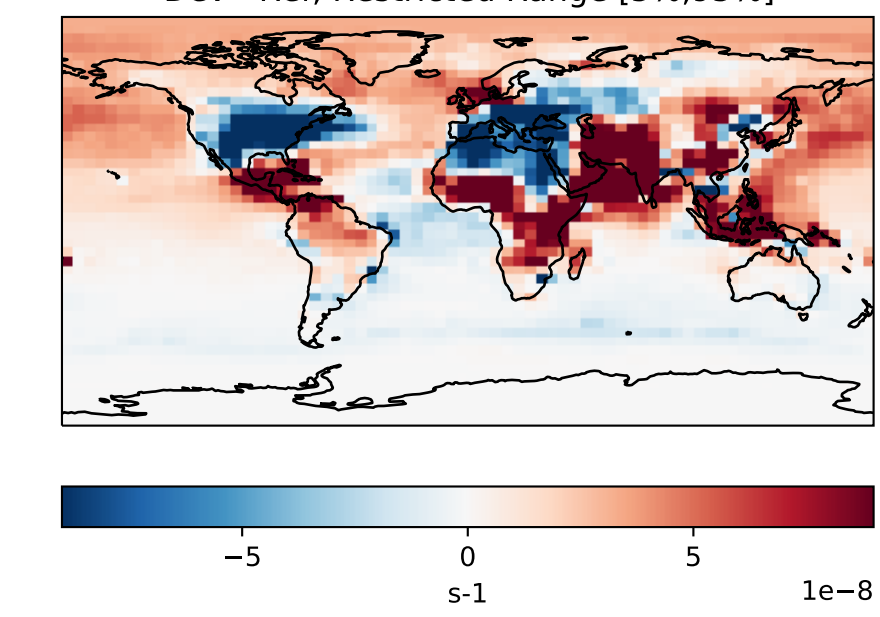
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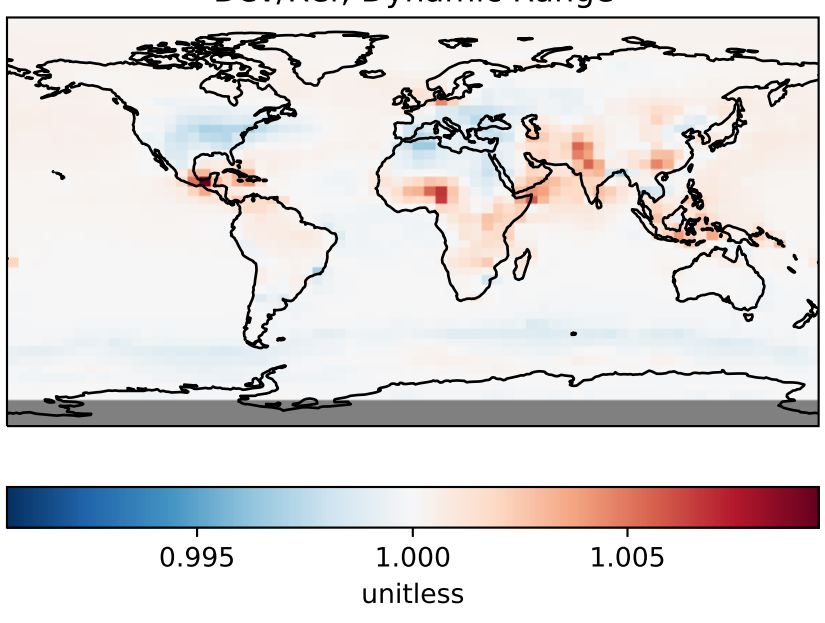
Difference
Dev - Ref, Dynamic Range



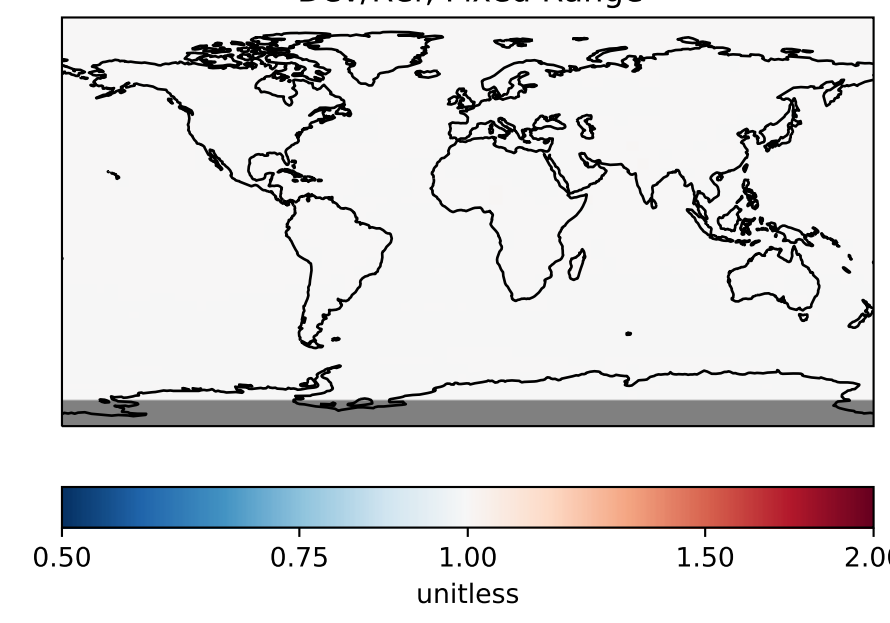
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

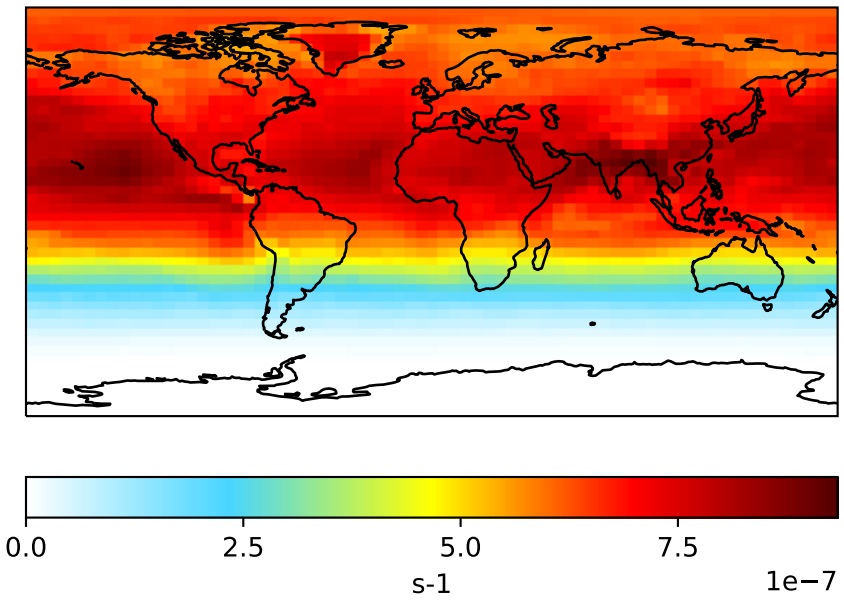


Ratio
Dev/Ref, Fixed Range

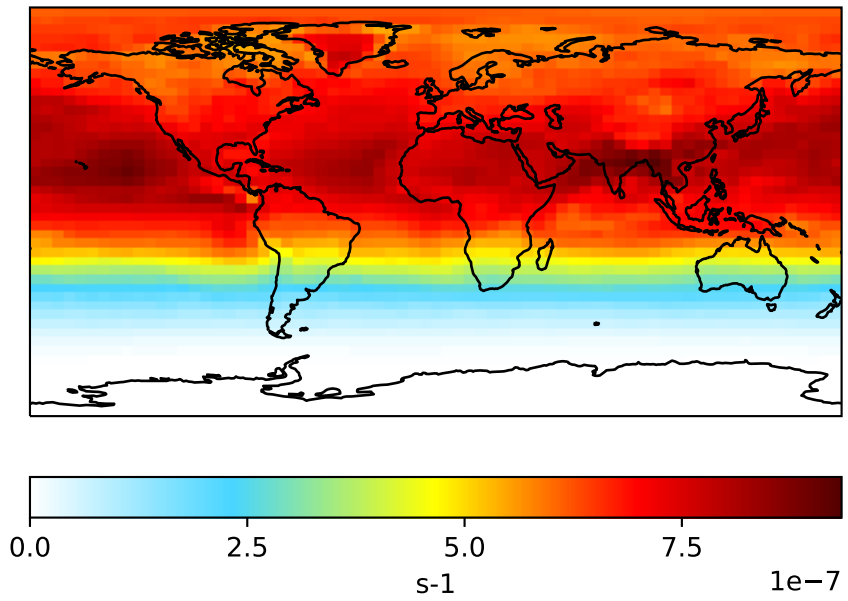


Jval_ETNO3

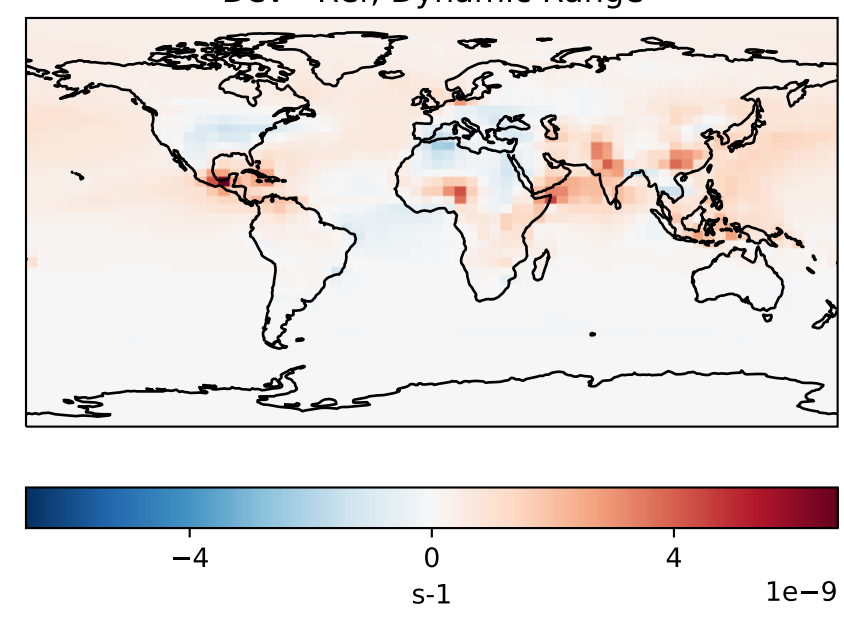
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



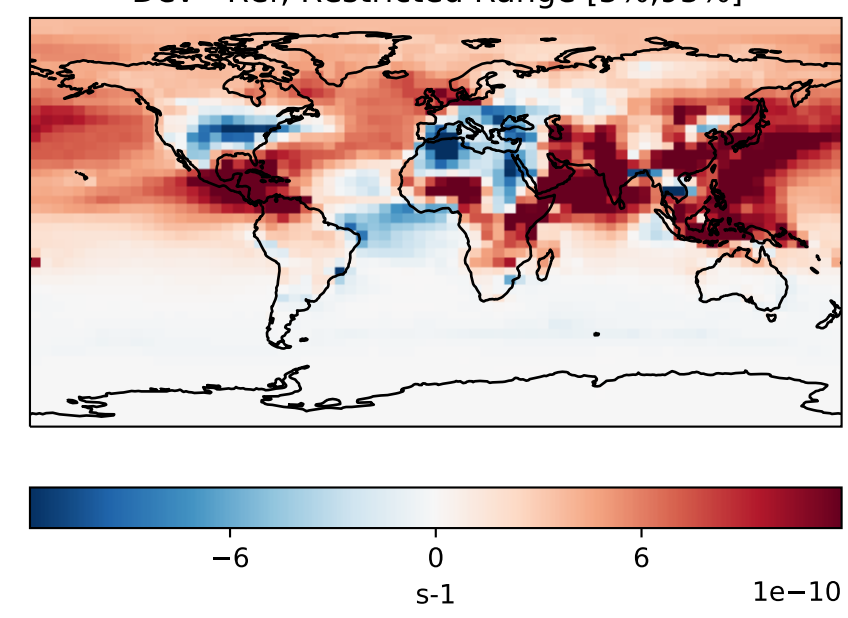
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



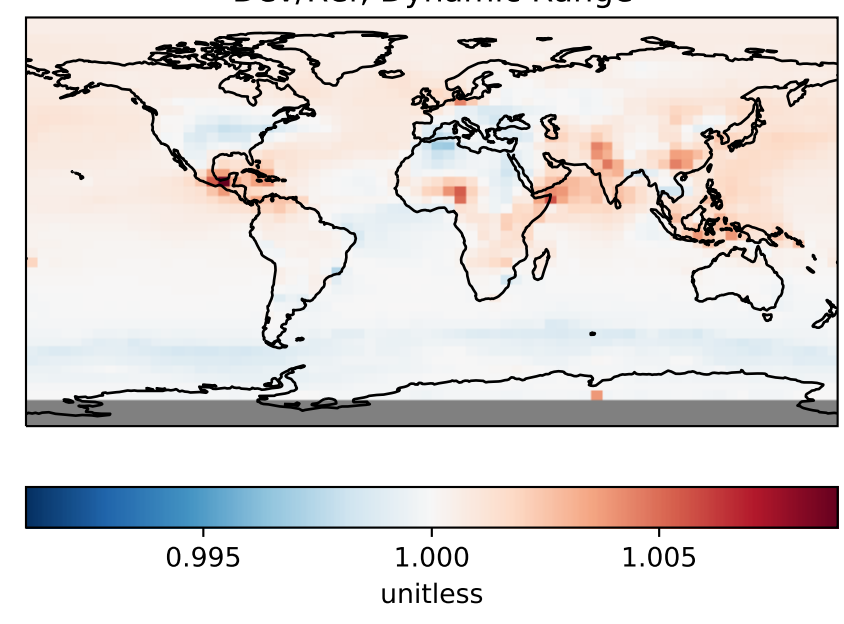
Difference
Dev - Ref, Dynamic Range



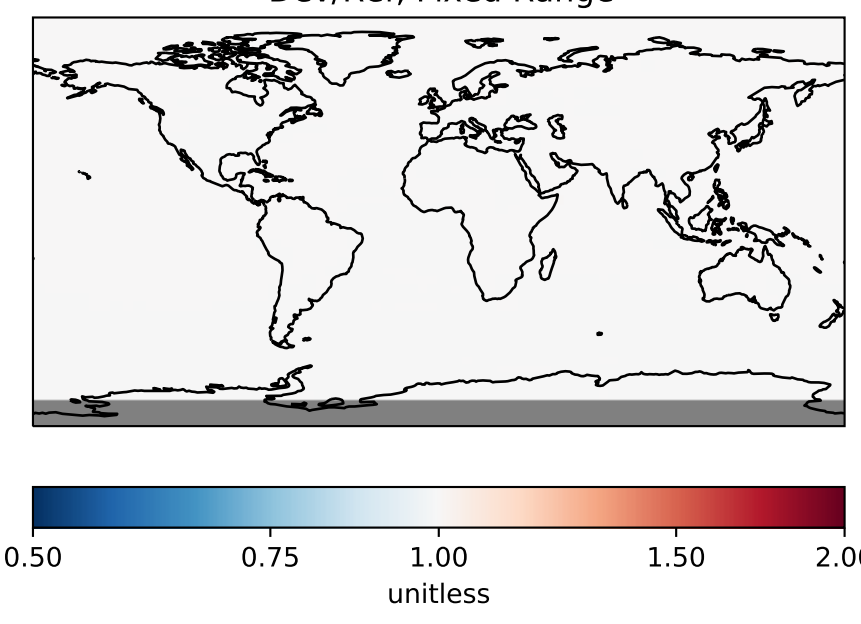
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

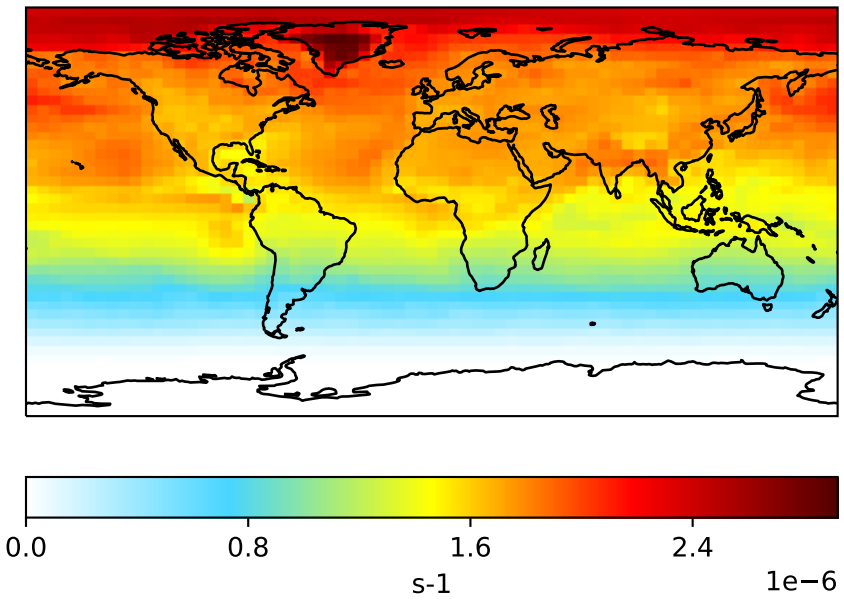


Ratio
Dev/Ref, Fixed Range

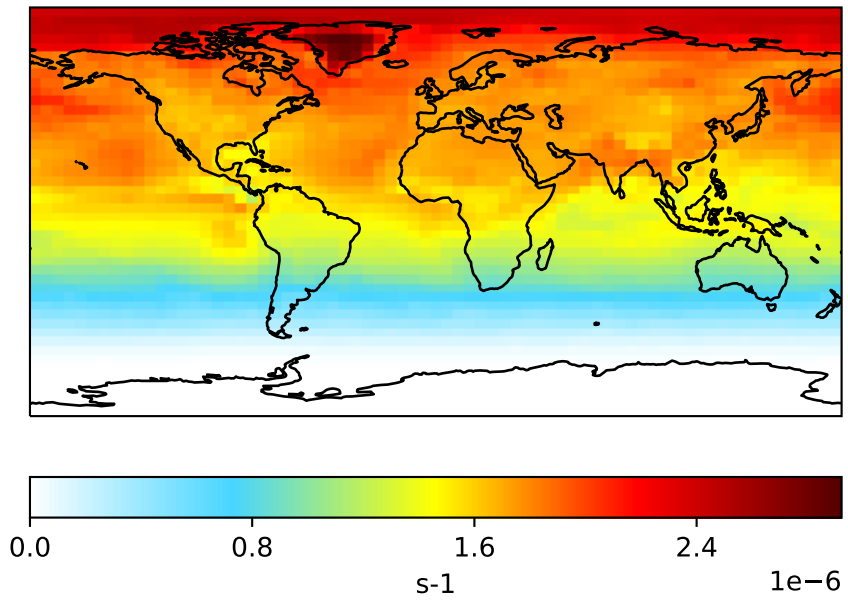


Jval_ETP

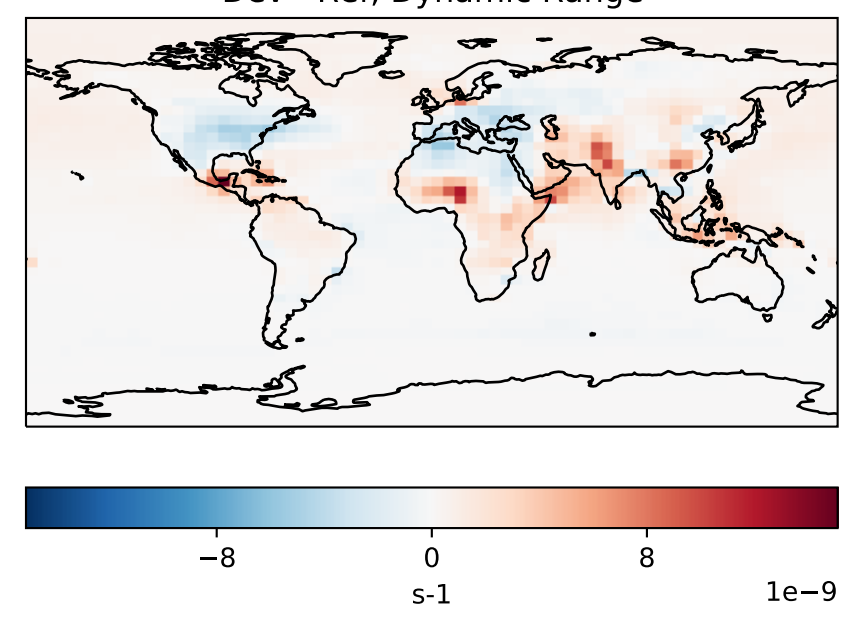
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



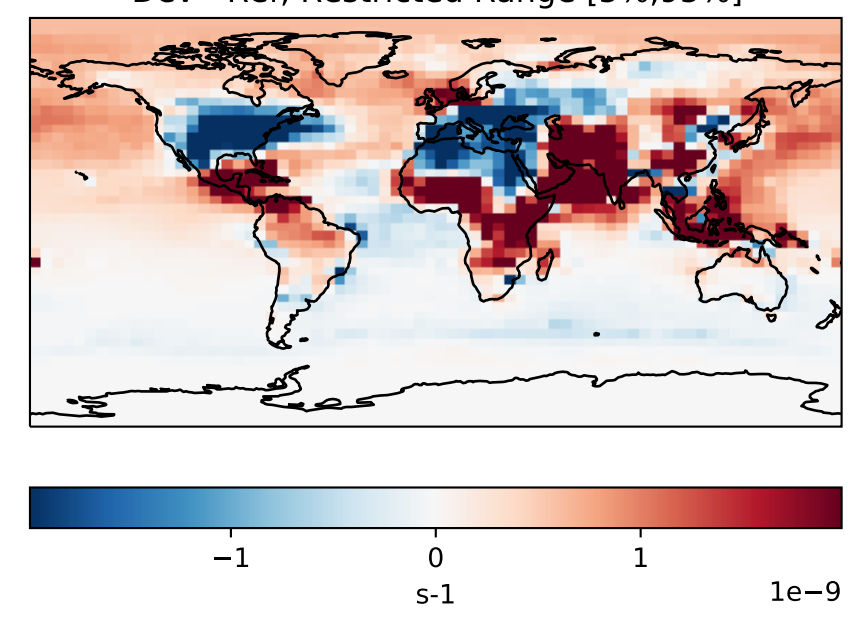
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



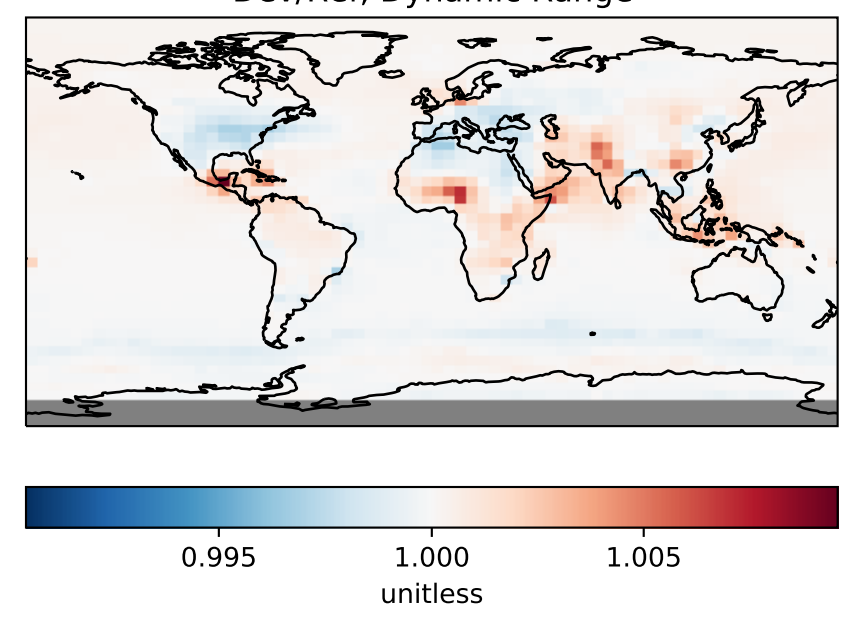
Difference
Dev - Ref, Dynamic Range



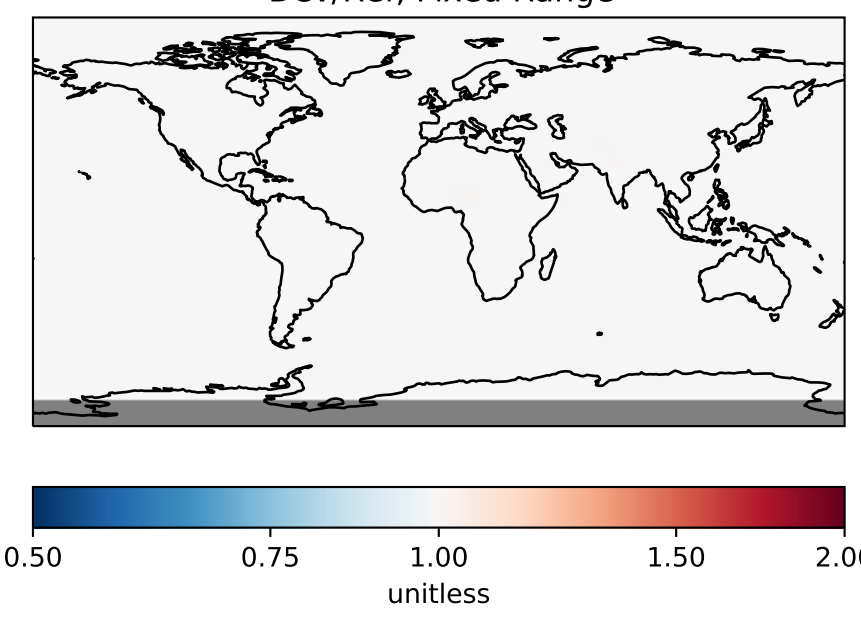
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

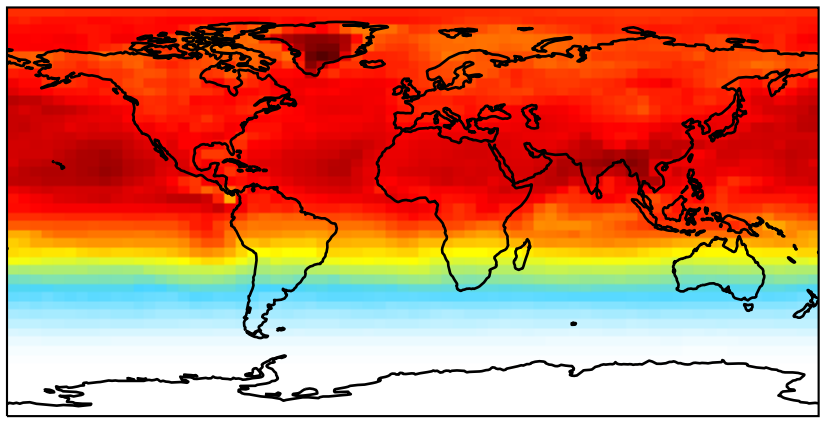


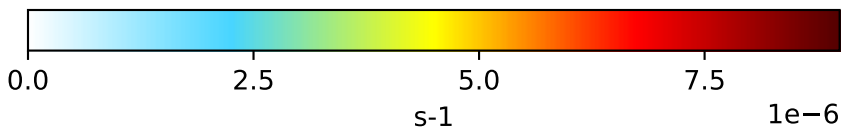
Ratio
Dev/Ref, Fixed Range



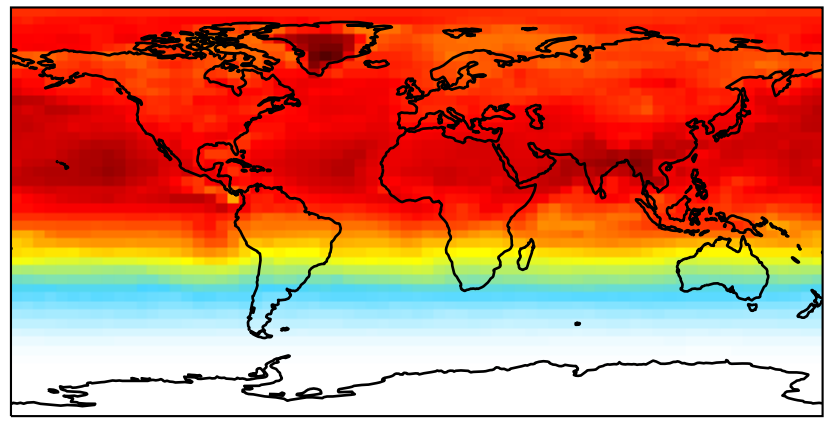
Jval_GLYC

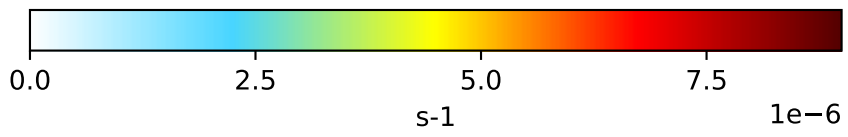
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



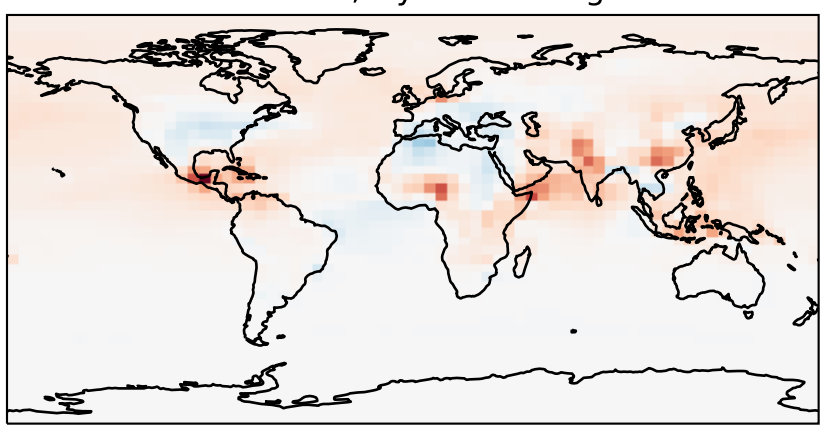


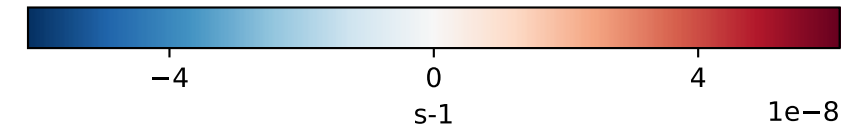
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



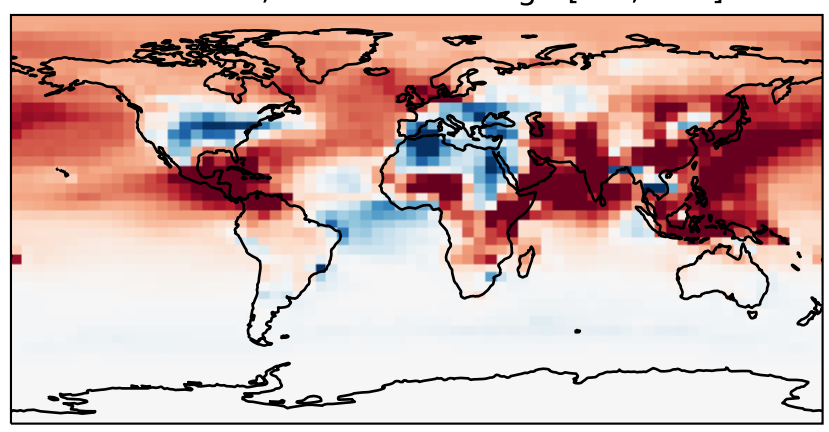


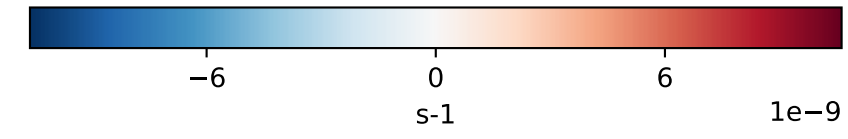
Difference
Dev - Ref, Dynamic Range



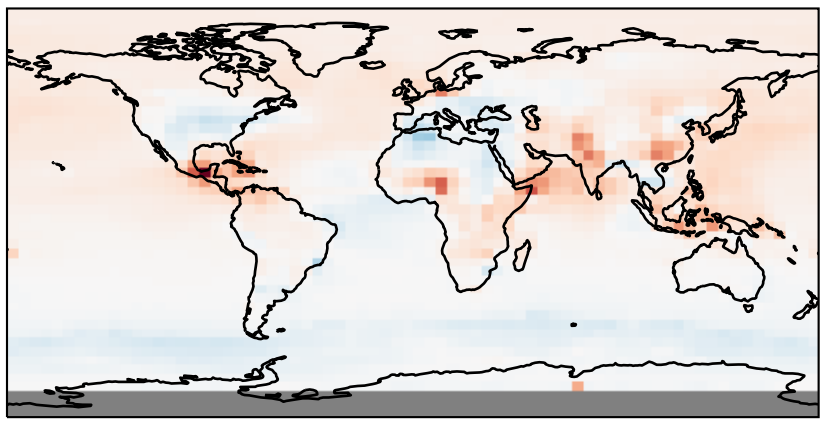


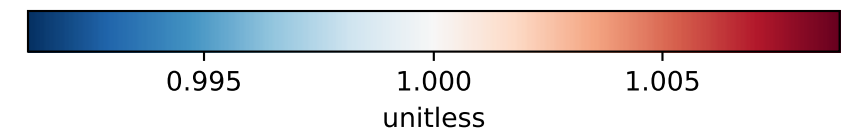
Difference
Dev - Ref, Restricted Range [5%,95%]



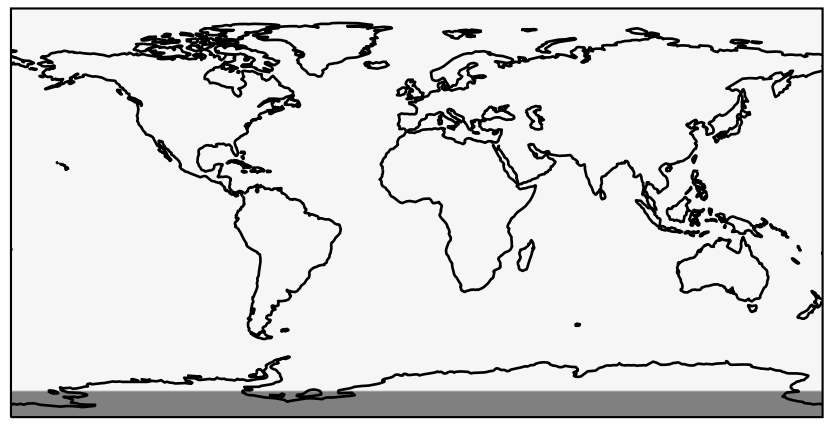


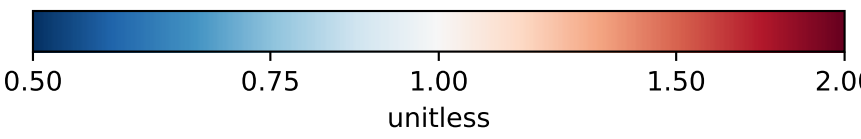
Ratio
Dev/Ref, Dynamic Range





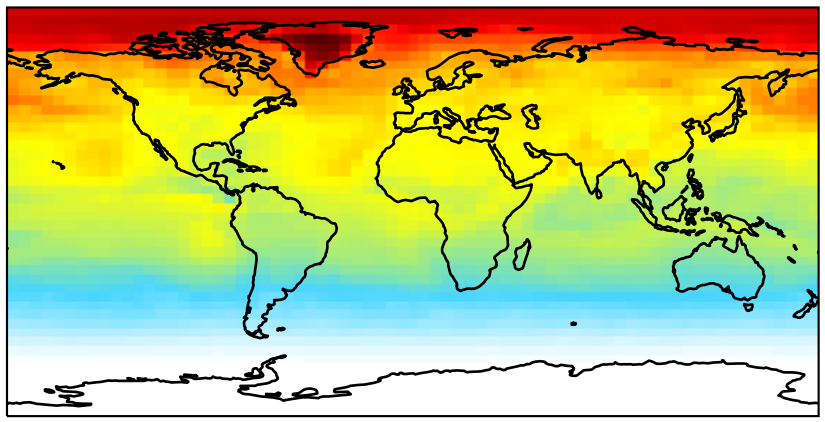
Ratio
Dev/Ref, Fixed Range

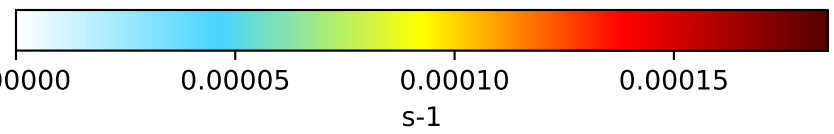




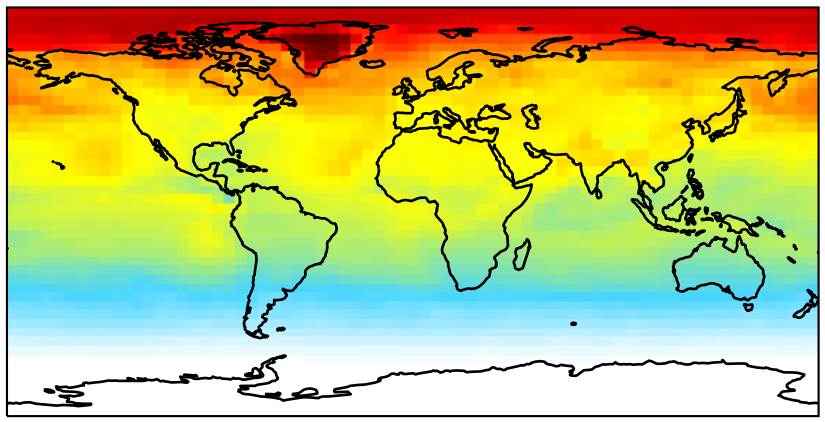
Jval_GLYX

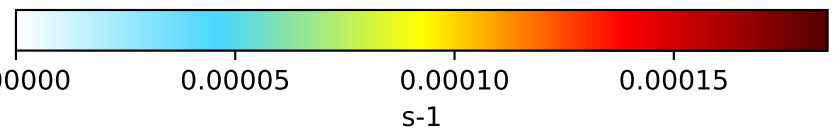
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



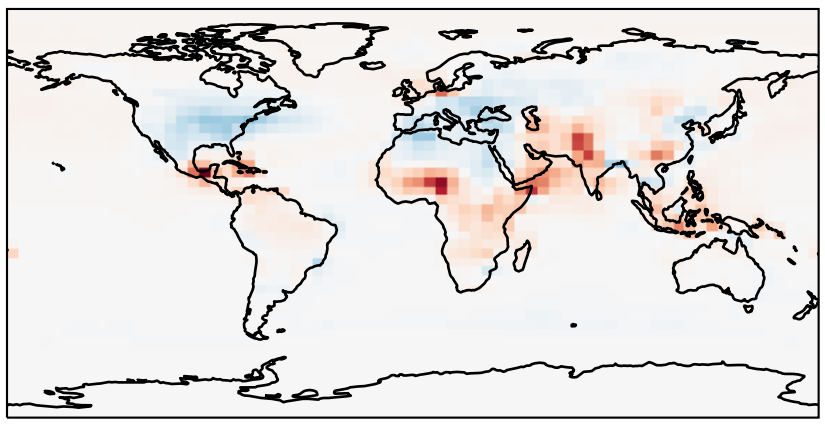


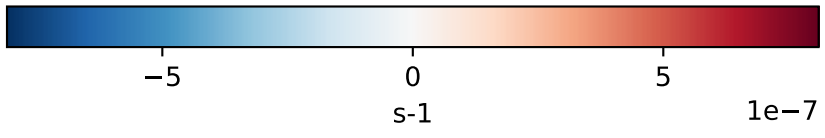
GCC_13.2.0-beta.0 (Dev)
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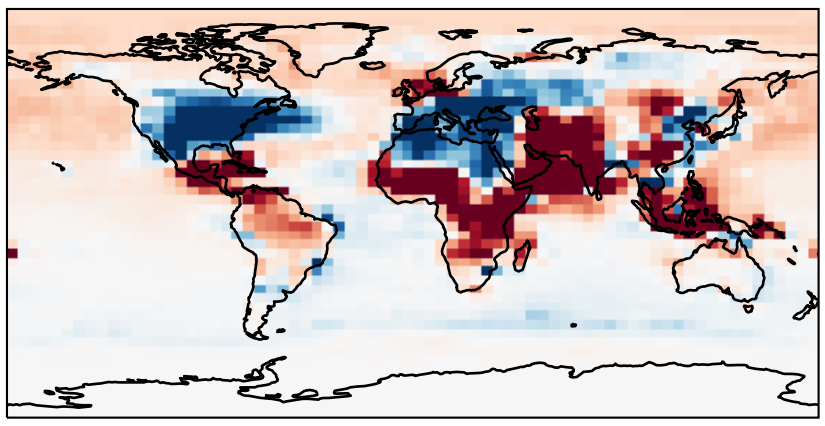


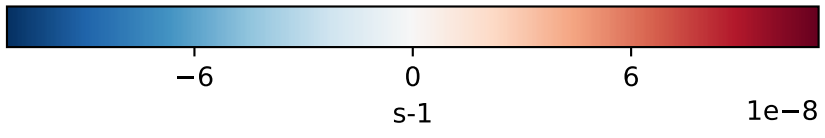
Difference
Dev - Ref, Dynamic Range



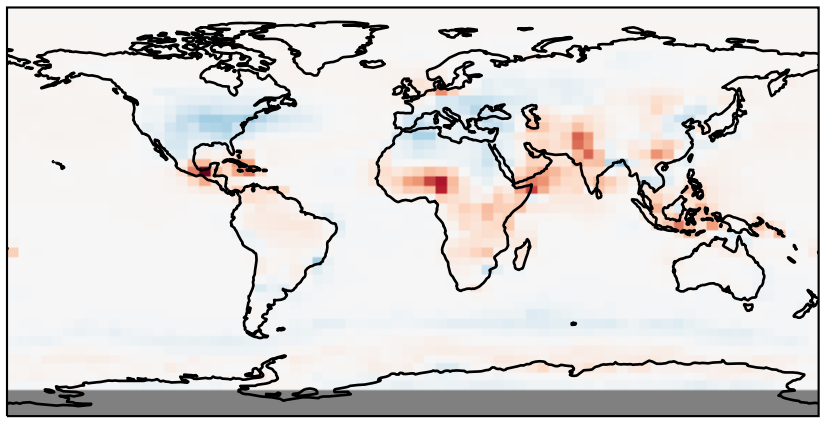


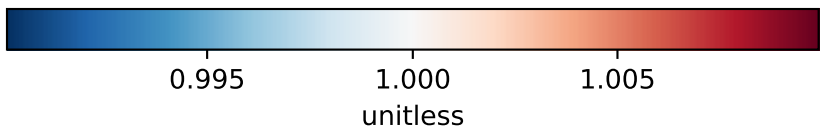
Difference
Dev - Ref, Restricted Range [5%,95%]



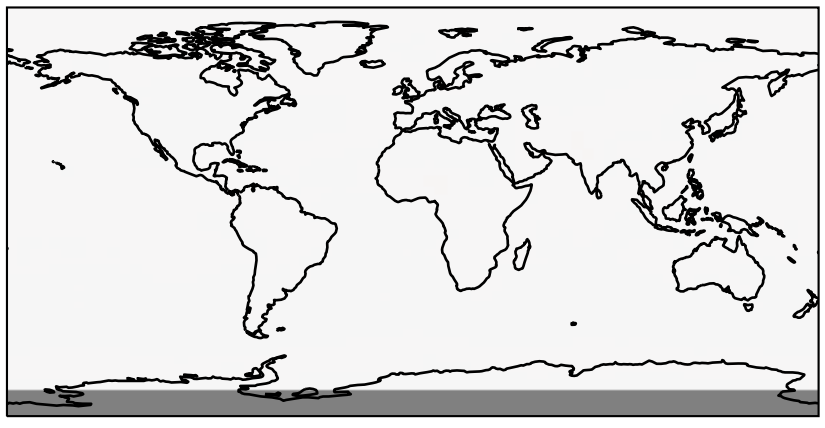


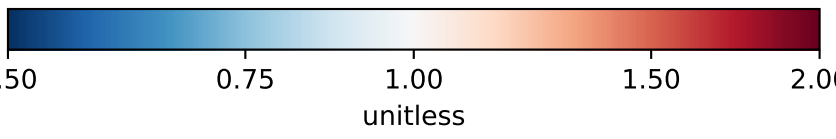
Ratio
Dev/Ref, Dynamic Range





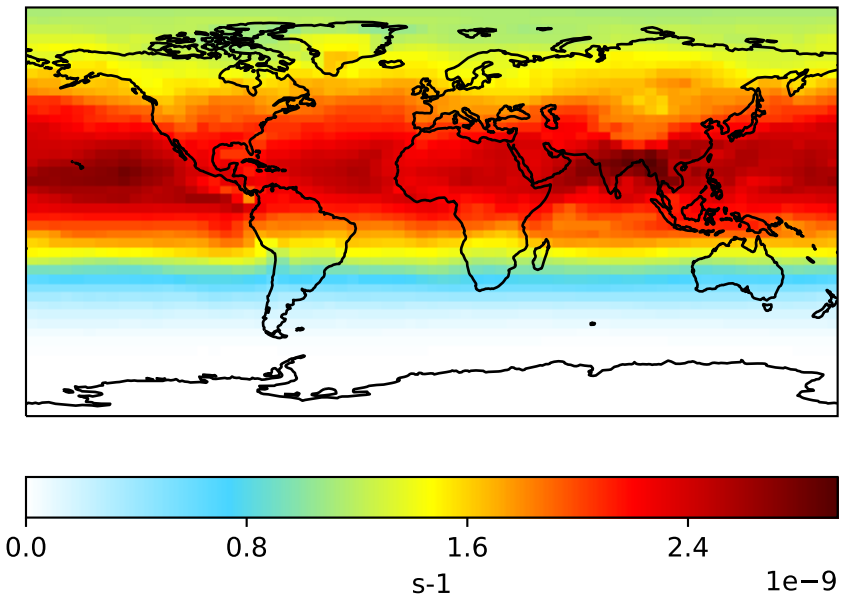
Ratio
Dev/Ref, Fixed Range



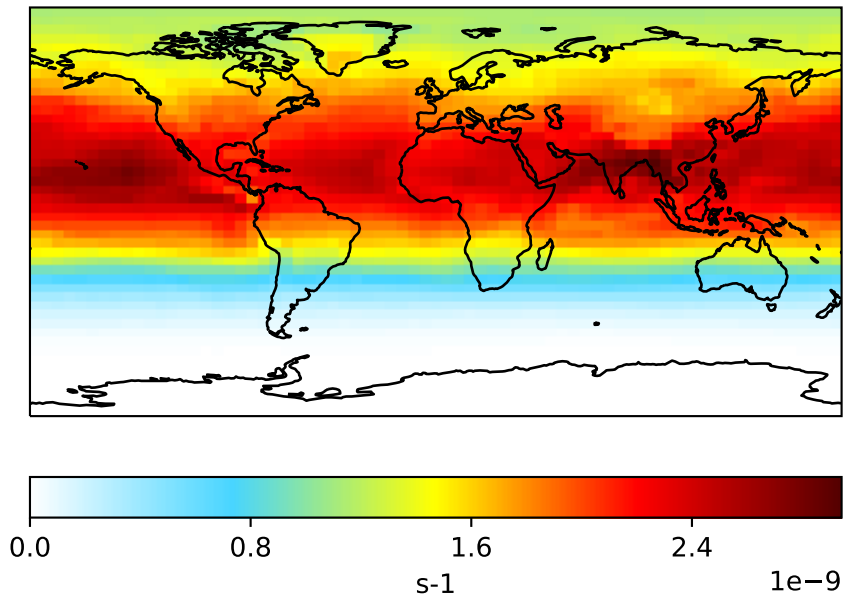


Jval_H1211

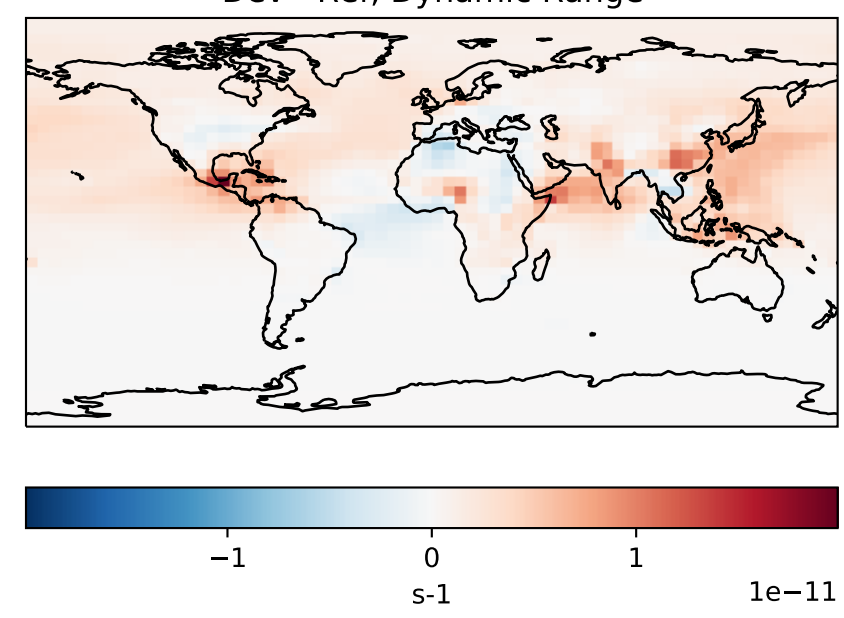
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



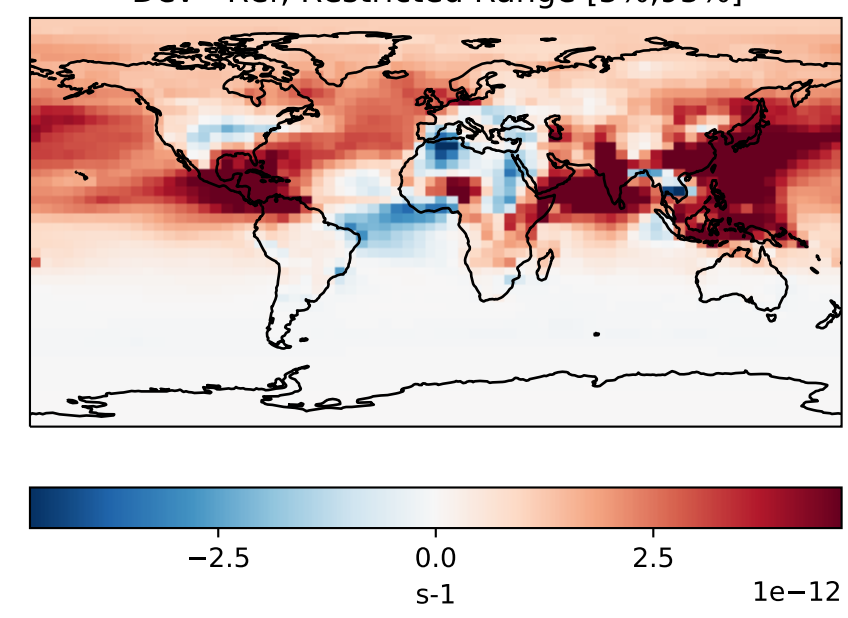
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



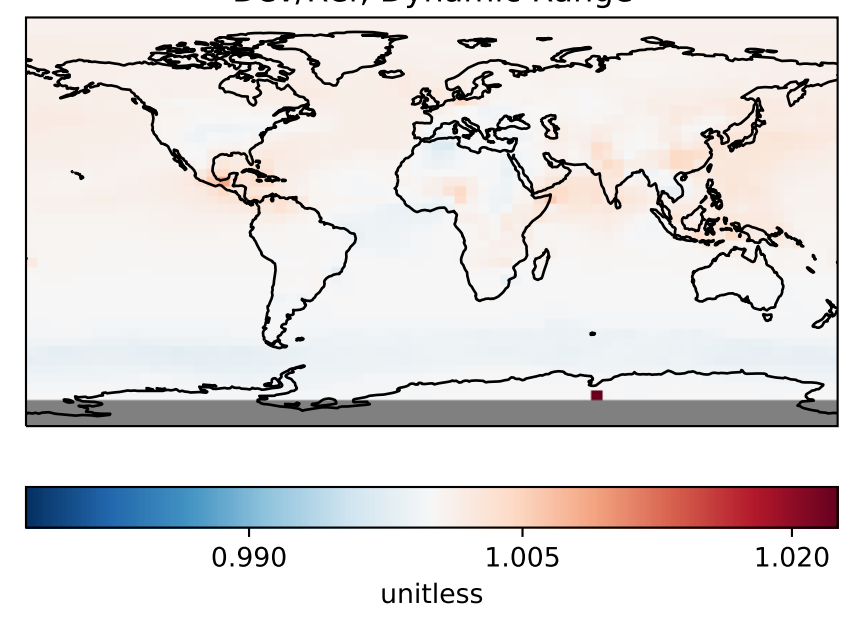
Difference
Dev - Ref, Dynamic Range



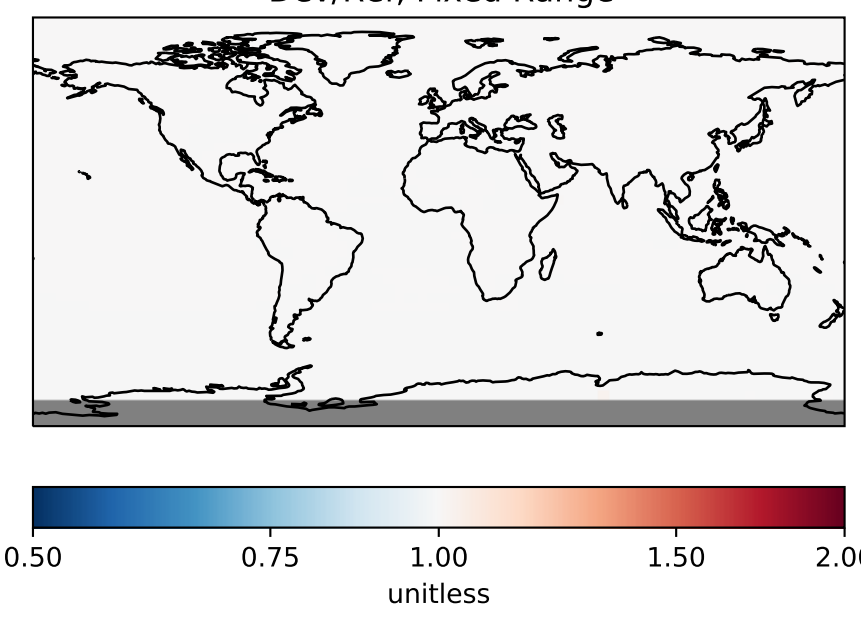
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

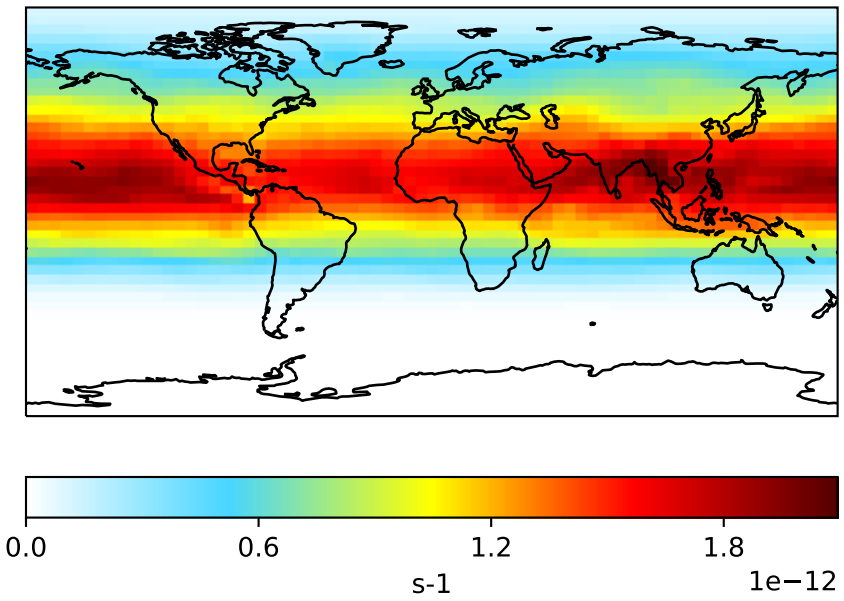


Ratio
Dev/Ref, Fixed Range

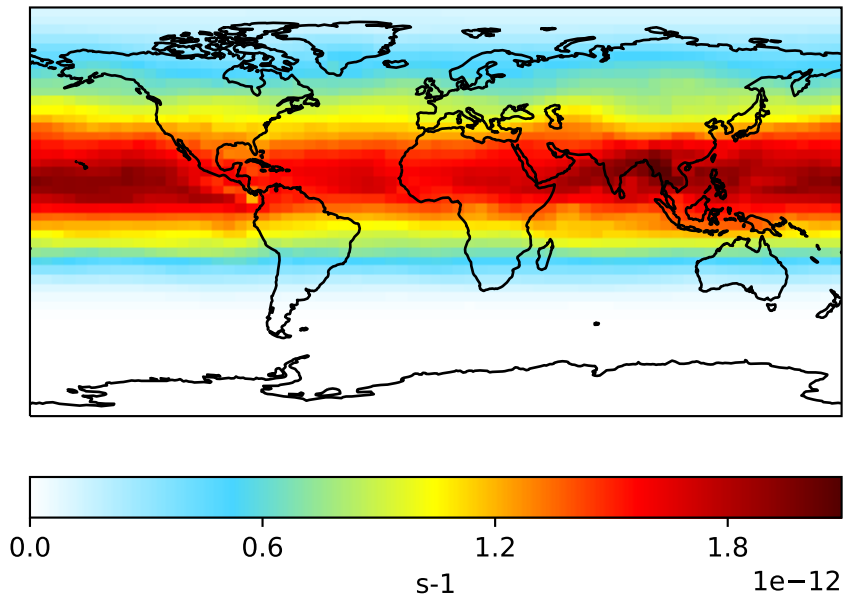


Jval_H1301

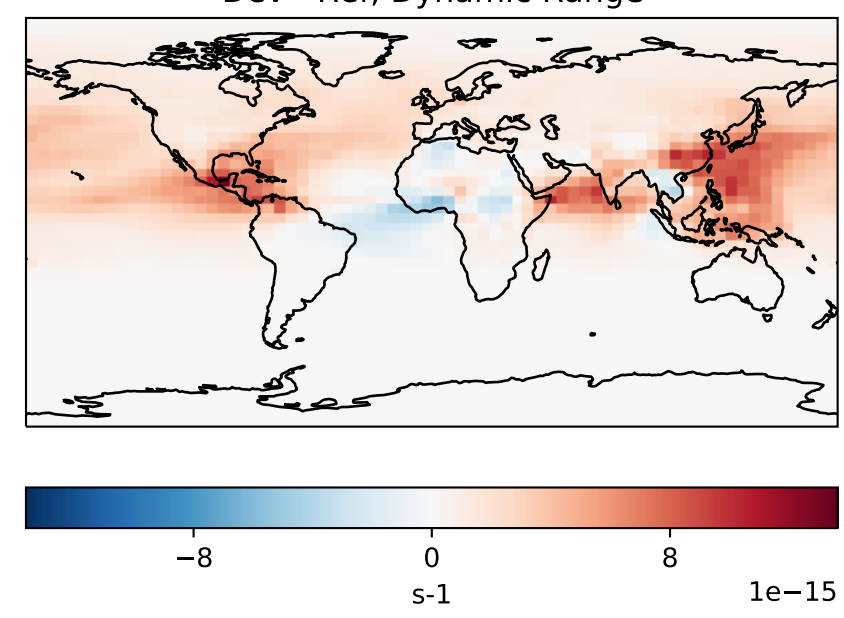
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



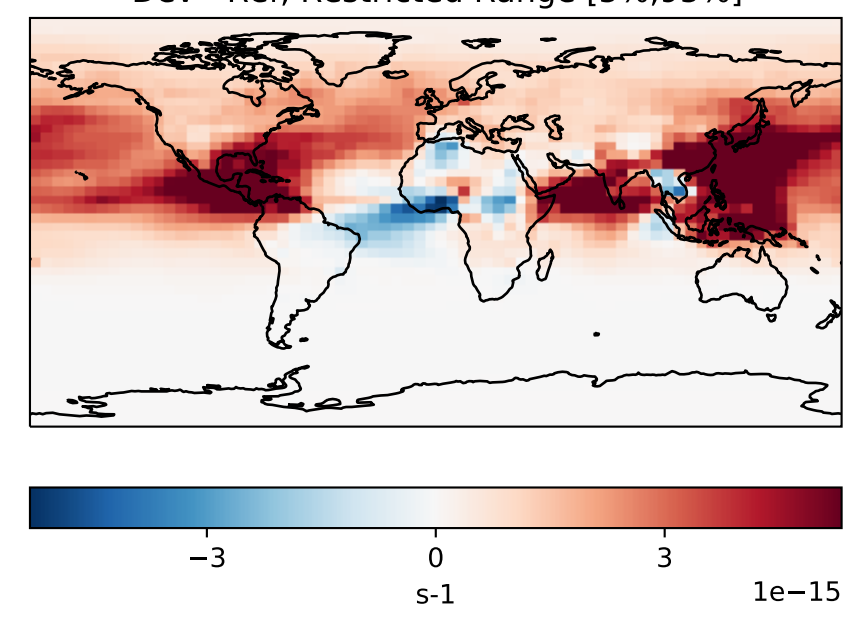
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



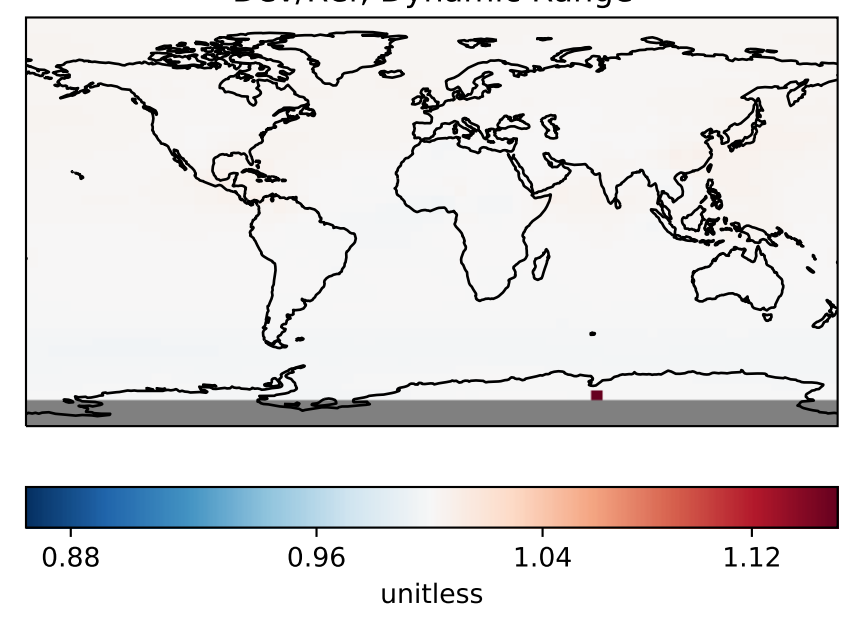
Difference
Dev - Ref, Dynamic Range



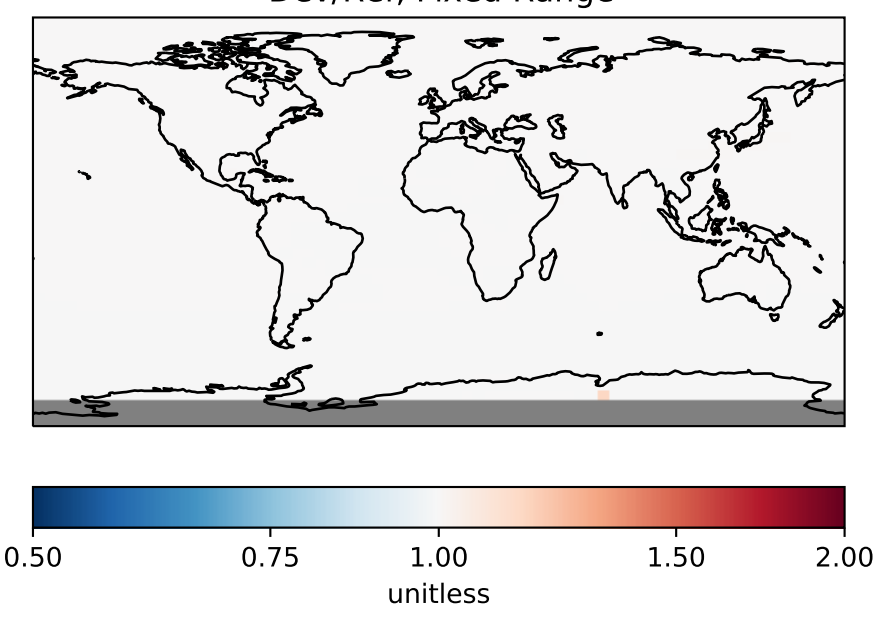
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

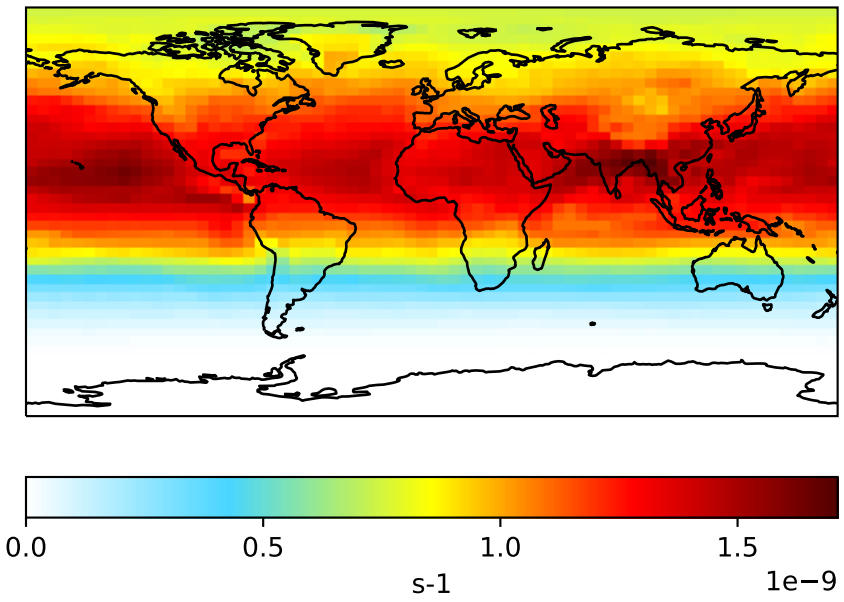


Ratio
Dev/Ref, Fixed Range

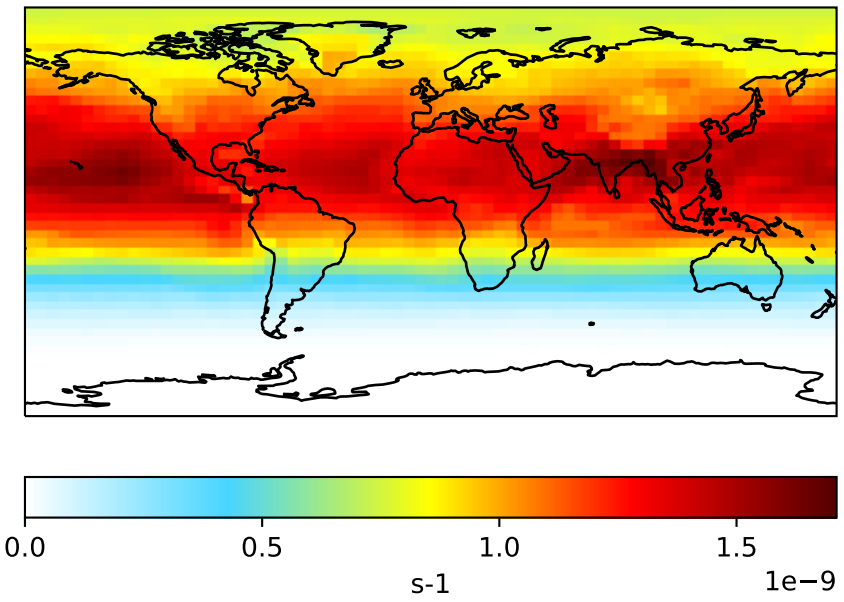


Jval_H2402

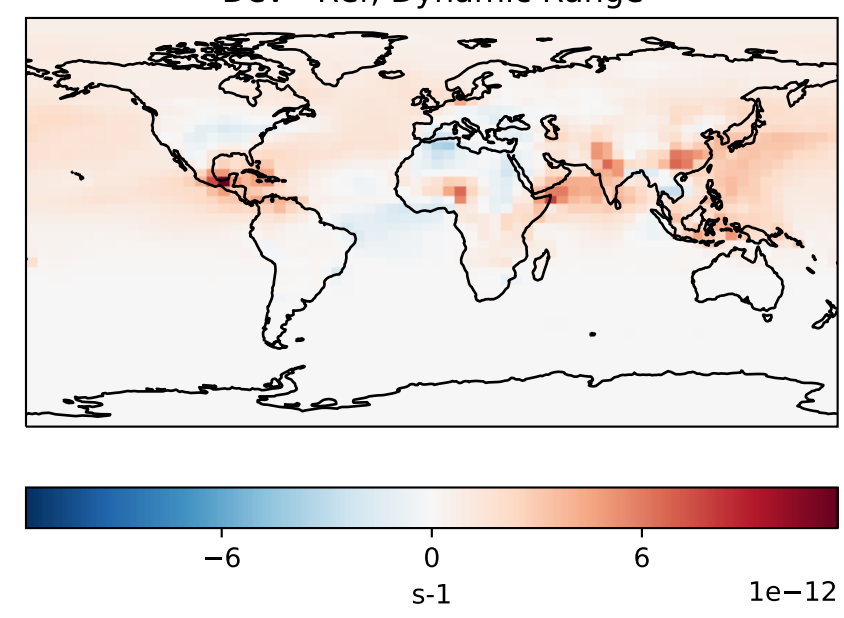
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



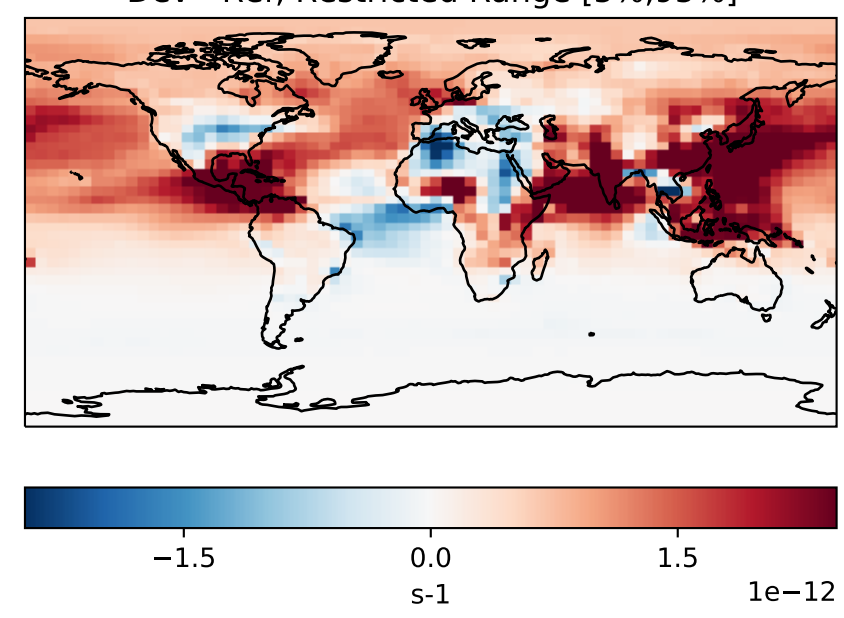
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



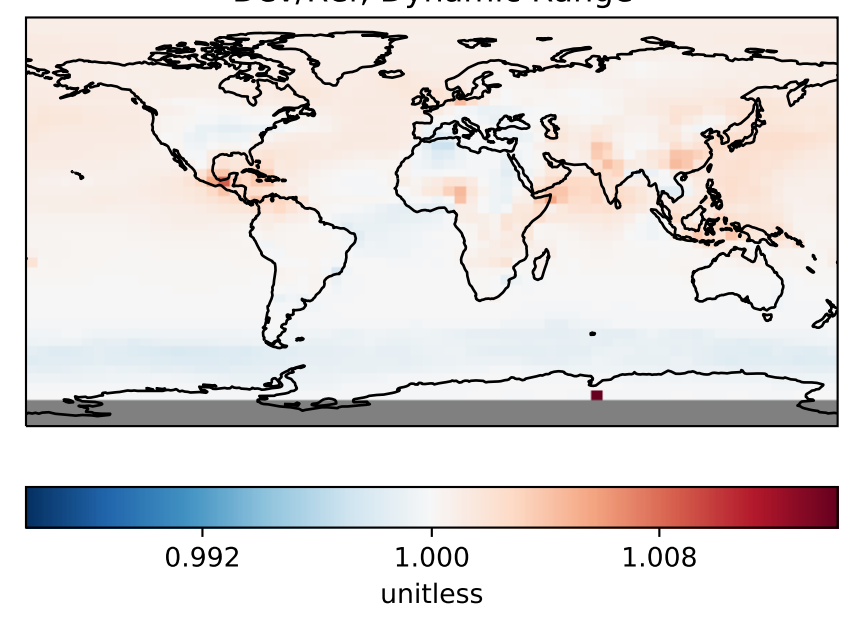
Difference
Dev - Ref, Dynamic Range



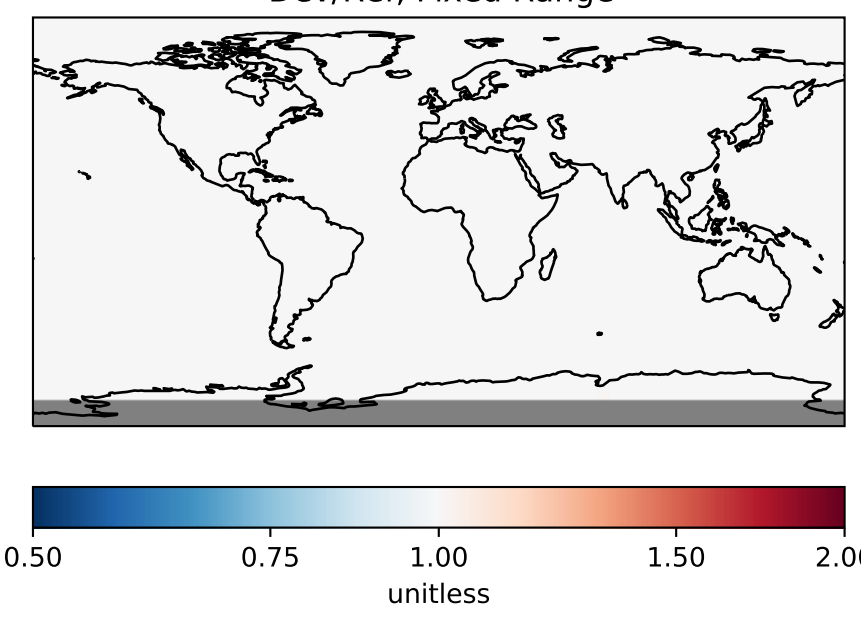
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

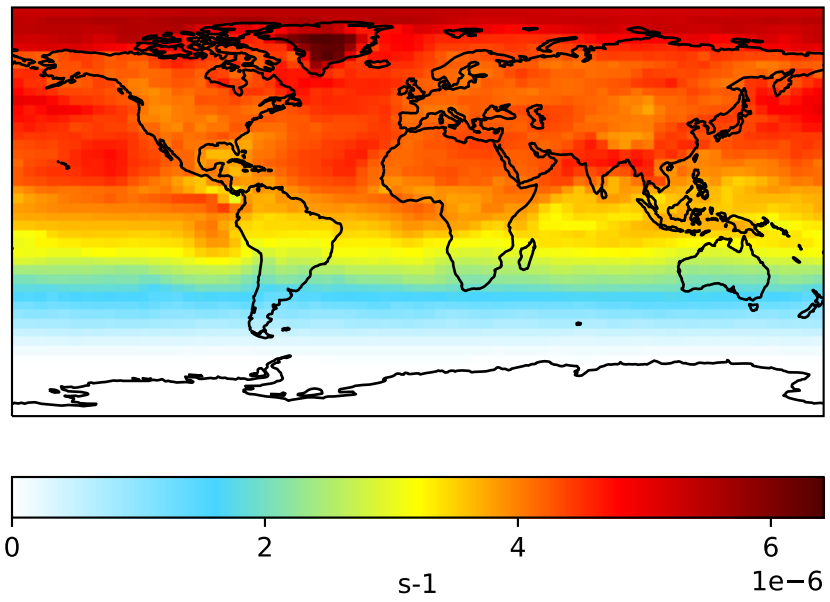


Ratio
Dev/Ref, Fixed Range

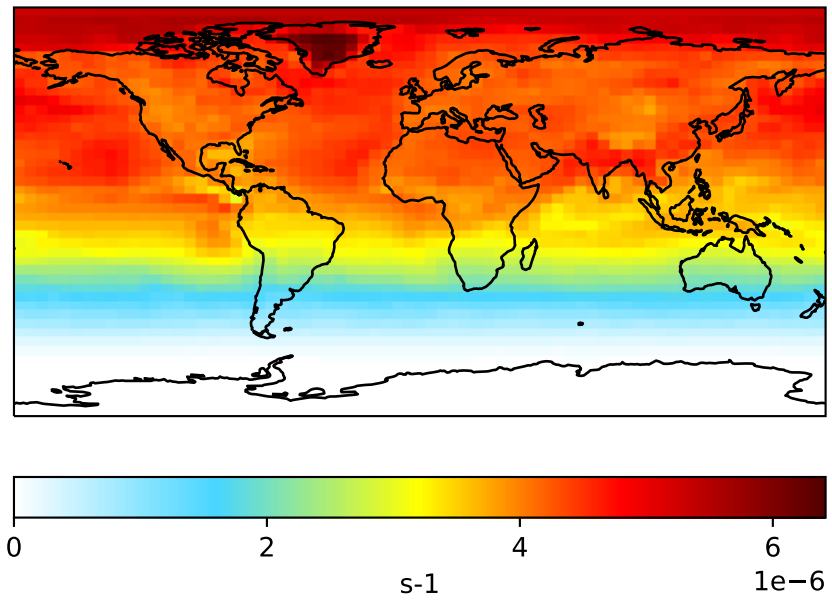


Jval_H2O2

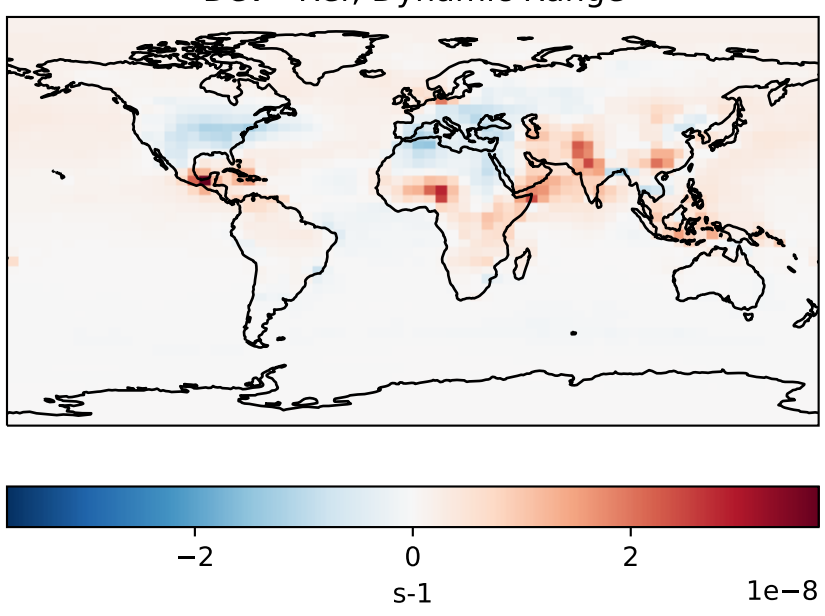
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



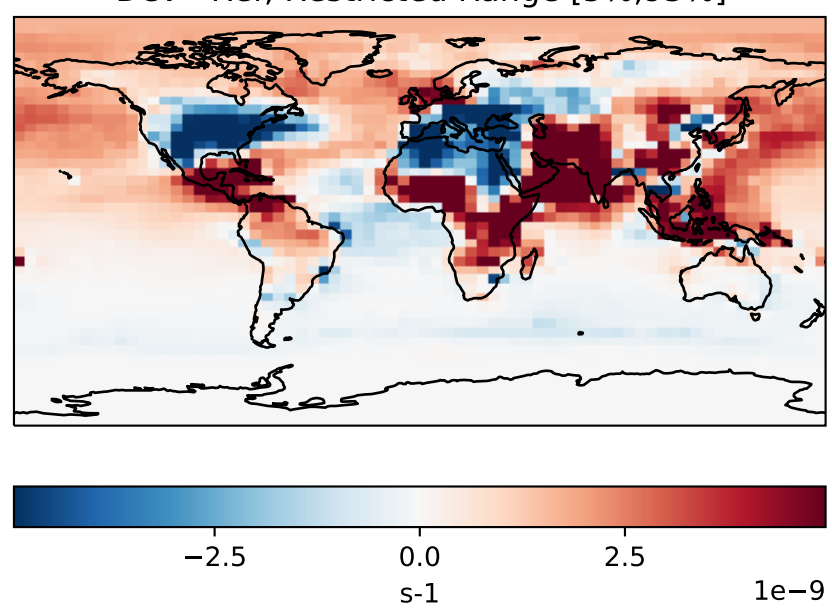
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



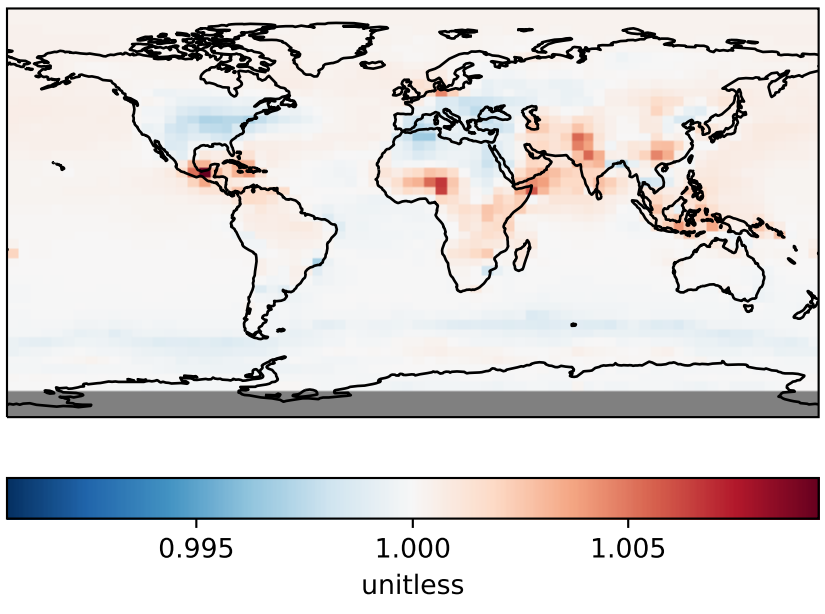
Difference
Dev - Ref, Dynamic Range



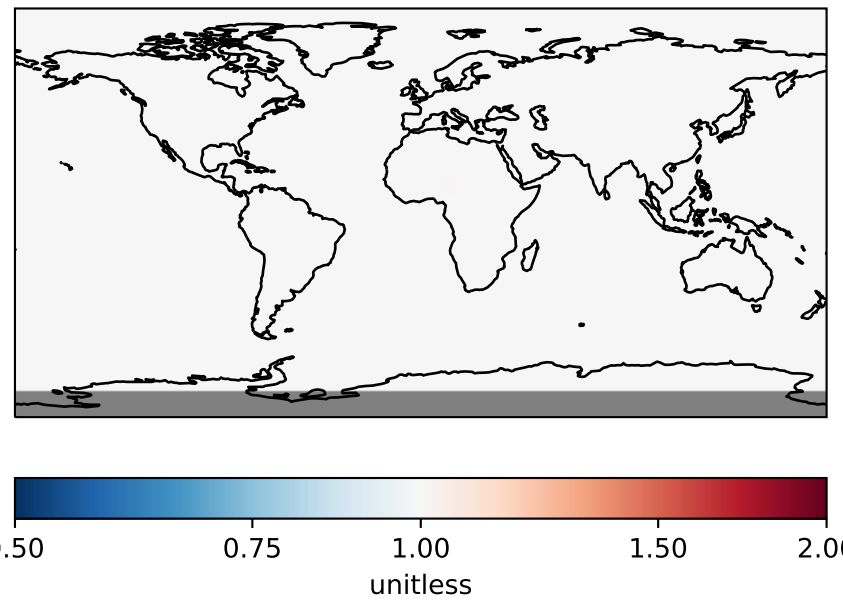
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

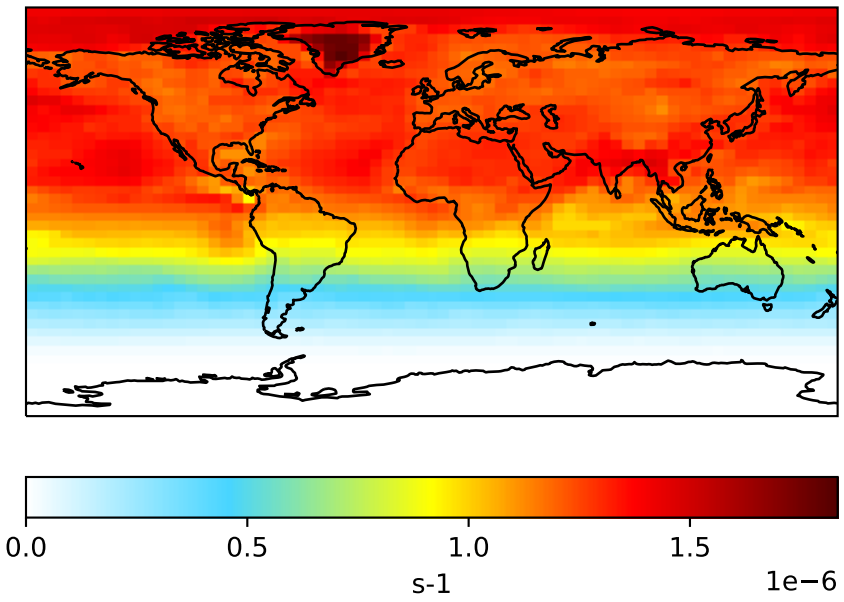


Ratio
Dev/Ref, Fixed Range

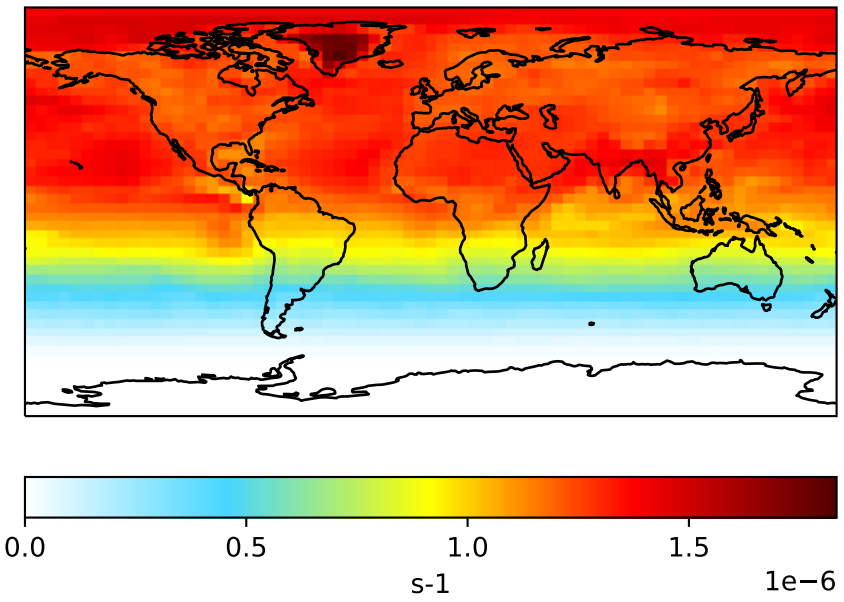


Jval_HAC

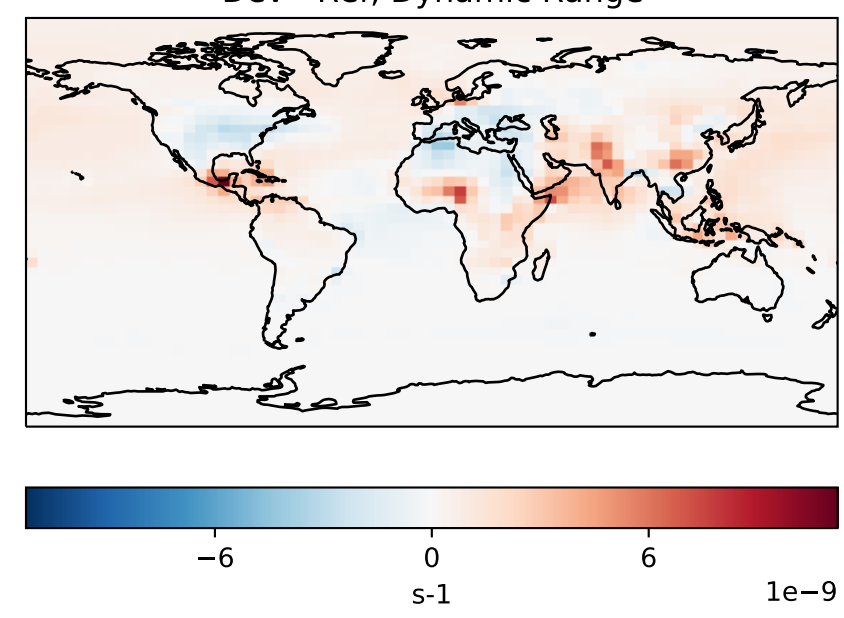
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



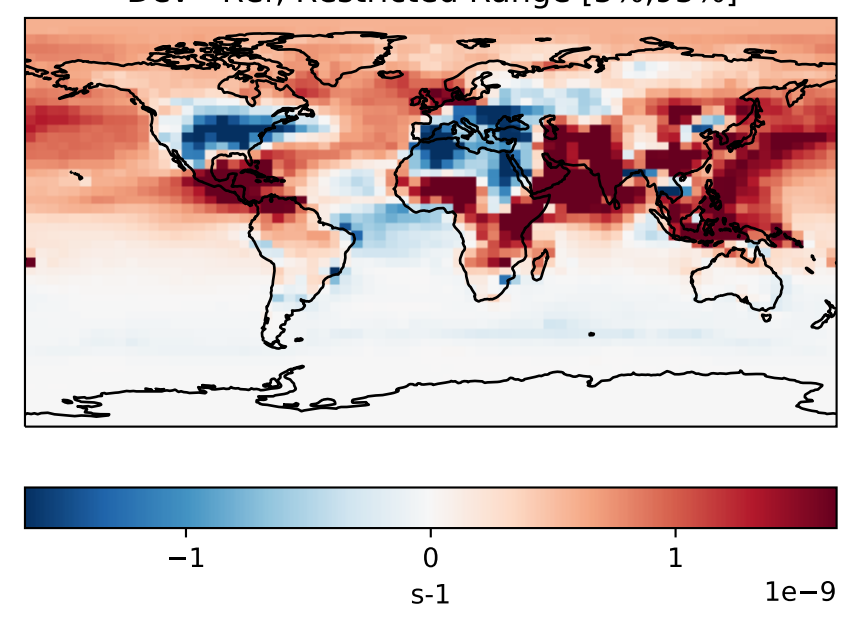
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



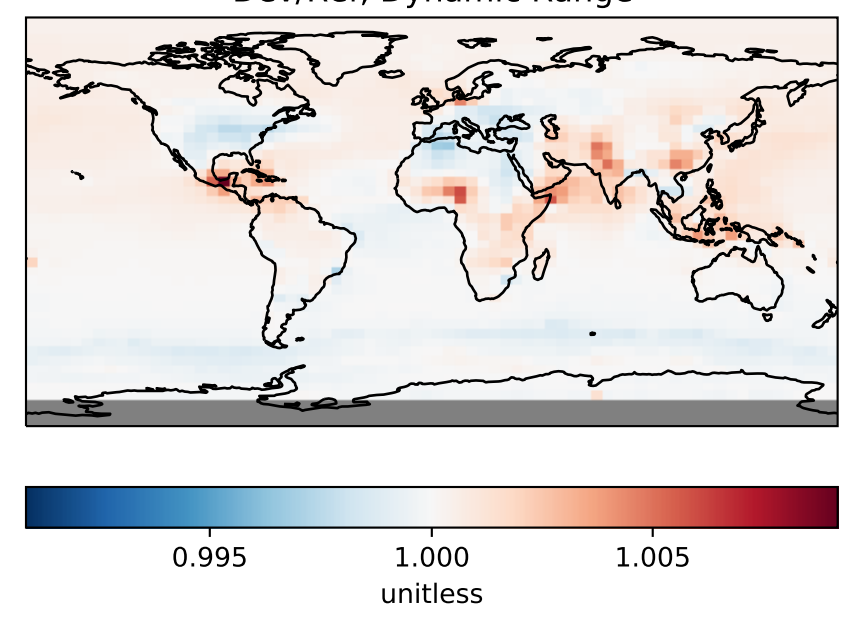
Difference
Dev - Ref, Dynamic Range



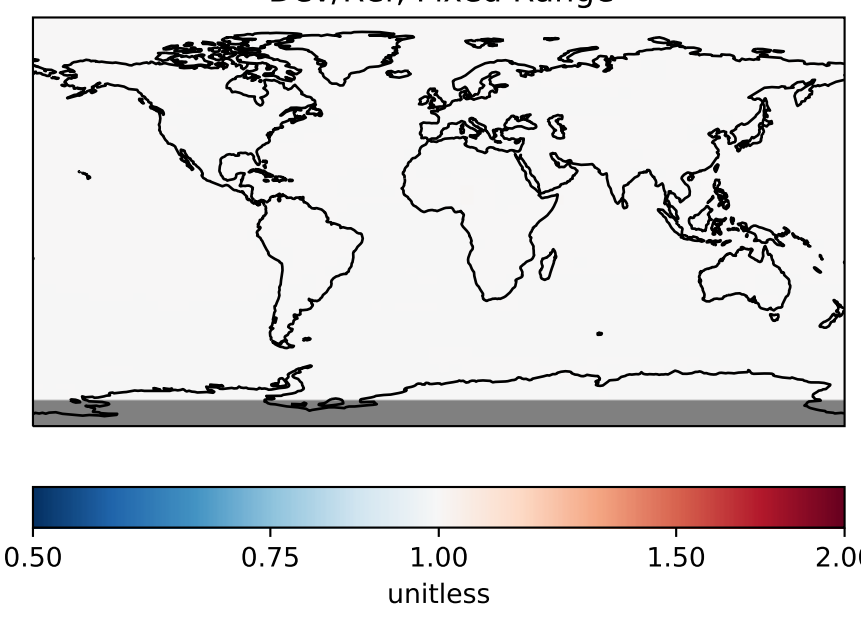
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

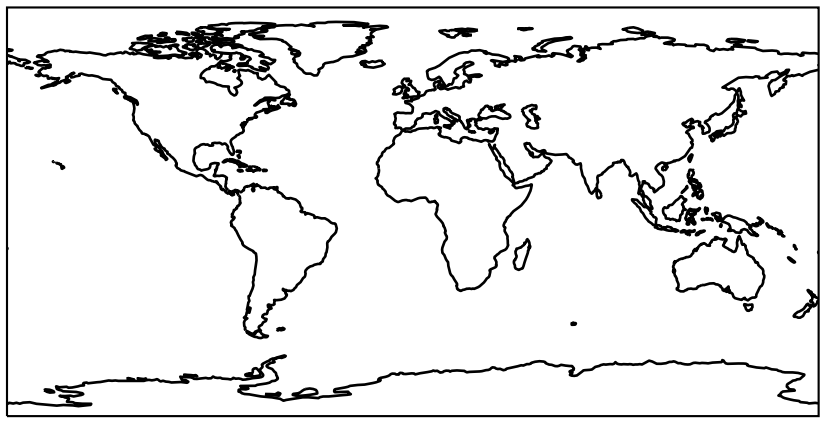


Ratio
Dev/Ref, Fixed Range



Jval_HC5A

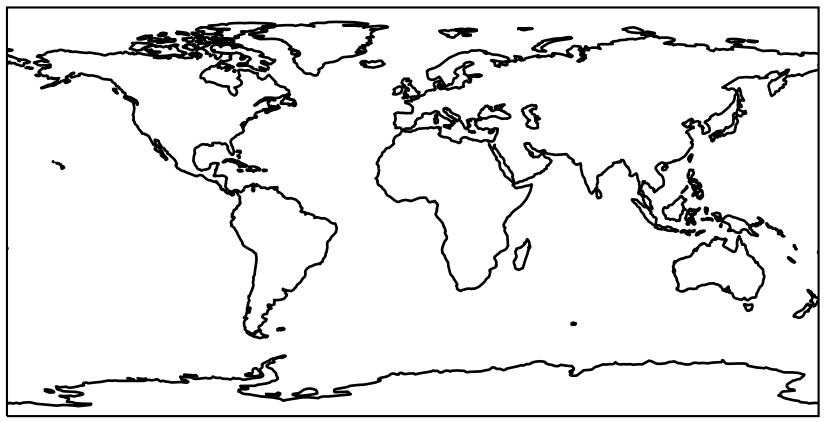
GCC_13.1.0-beta.1 (Ref)
4.0x5.0





Zero throughout domain
s-1

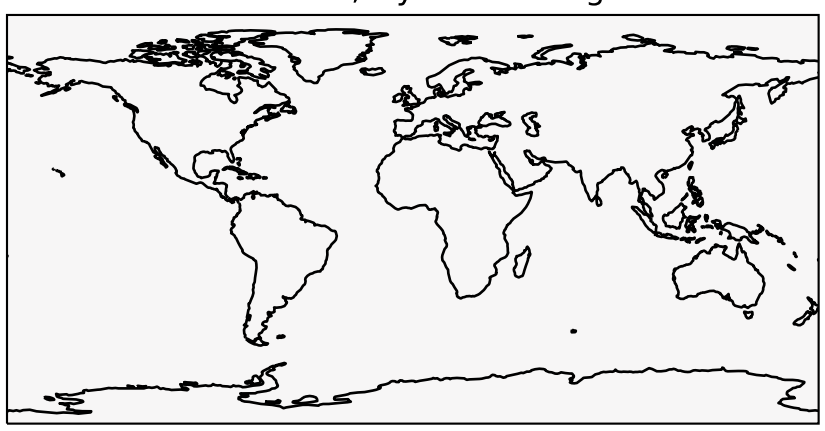
GCC_13.2.0-beta.0 (Dev)
4.0x5.0





Zero throughout domain
s-1

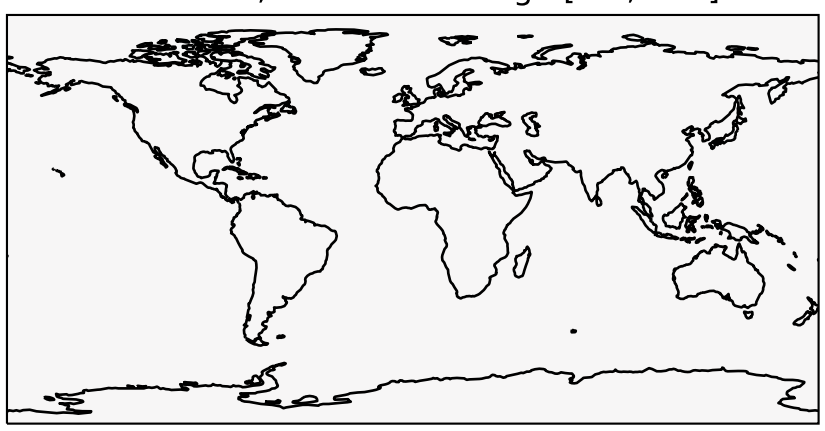
Difference
Dev - Ref, Dynamic Range





Zero throughout domain
s-1

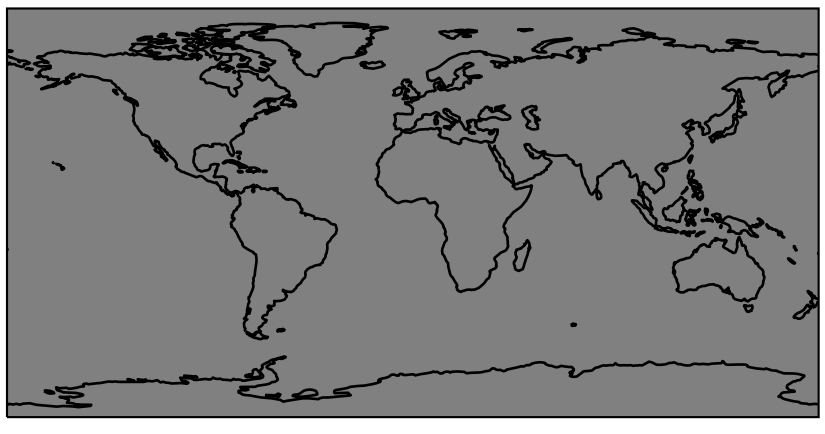
Difference
Dev - Ref, Restricted Range [5%,95%]





Zero throughout domain
s-1

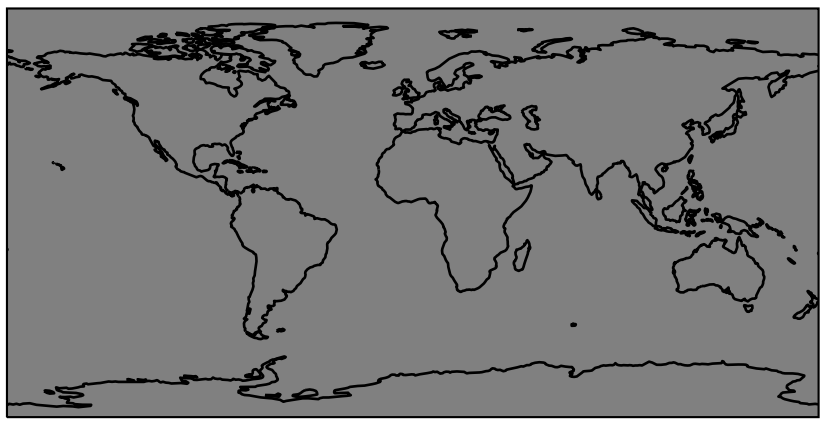
Ratio
Dev/Ref, Dynamic Range





Undefined throughout domain
unitless

Ratio
Dev/Ref, Fixed Range

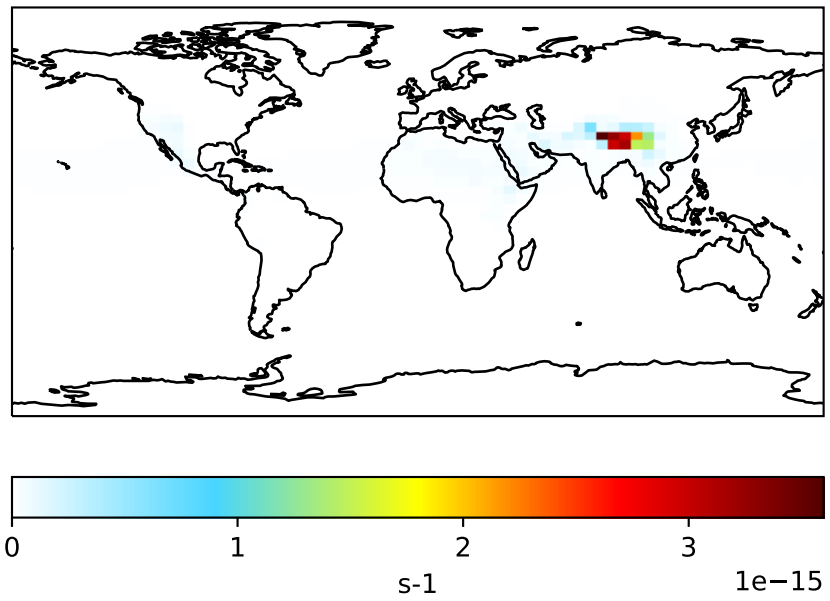




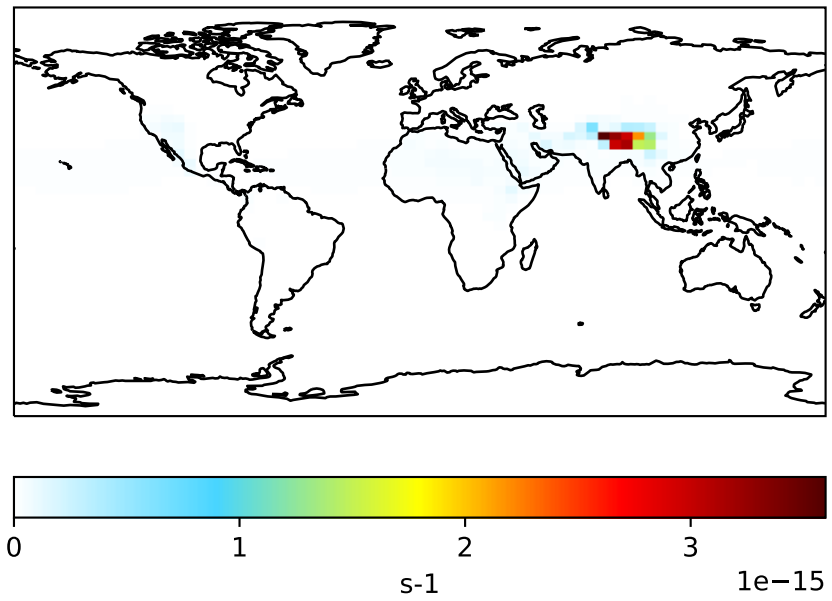
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unitless

Jval_HCFC123

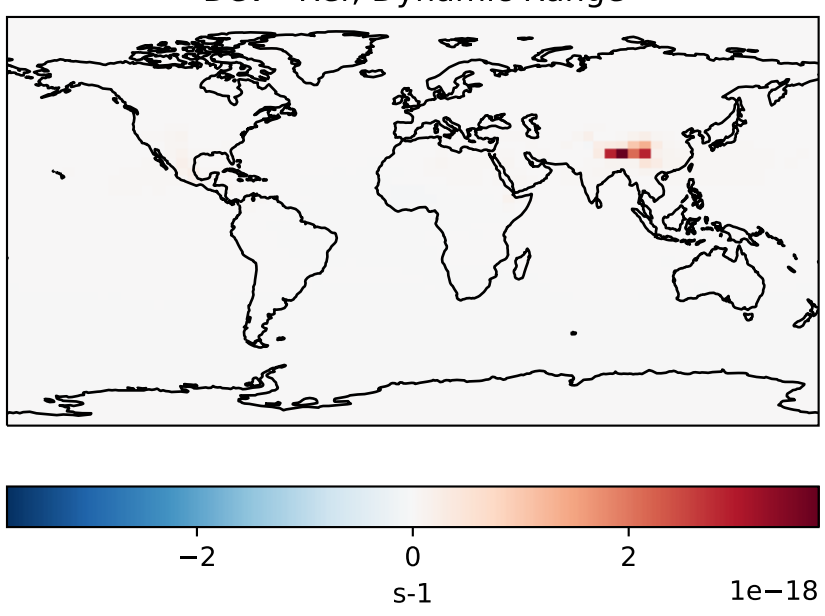
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



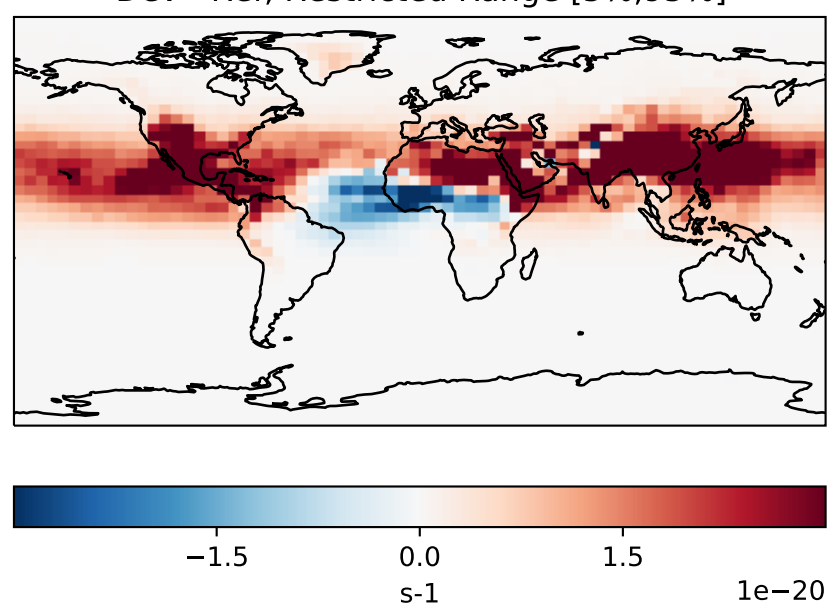
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



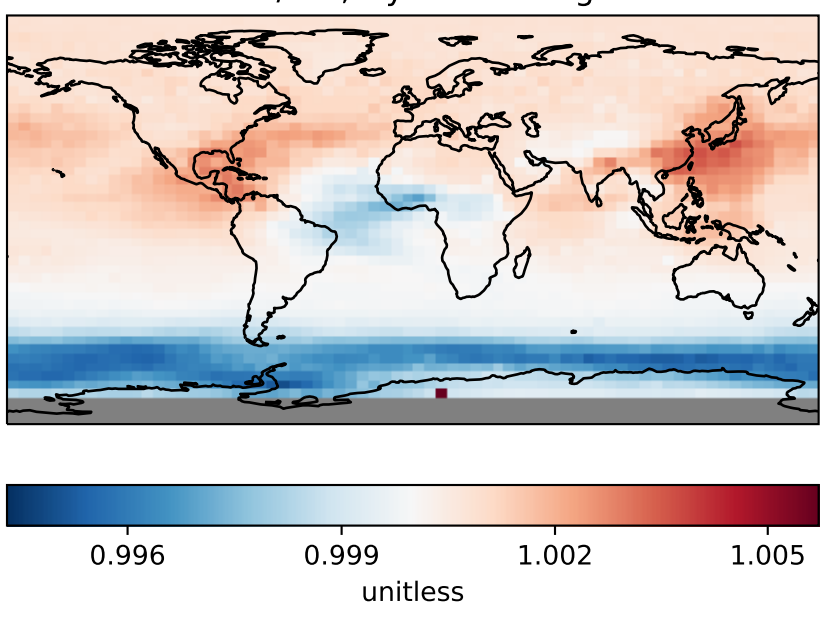
Difference
Dev - Ref, Dynamic Range



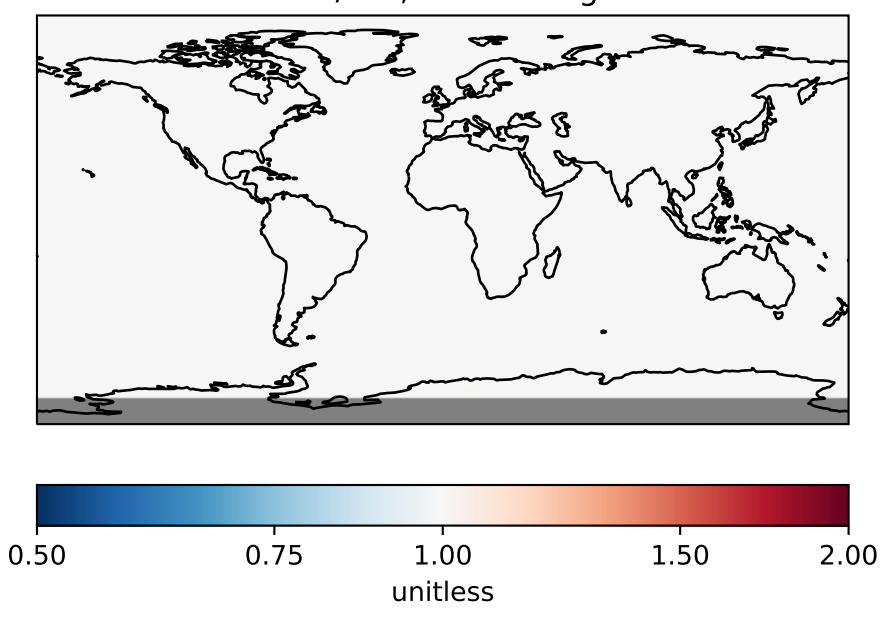
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

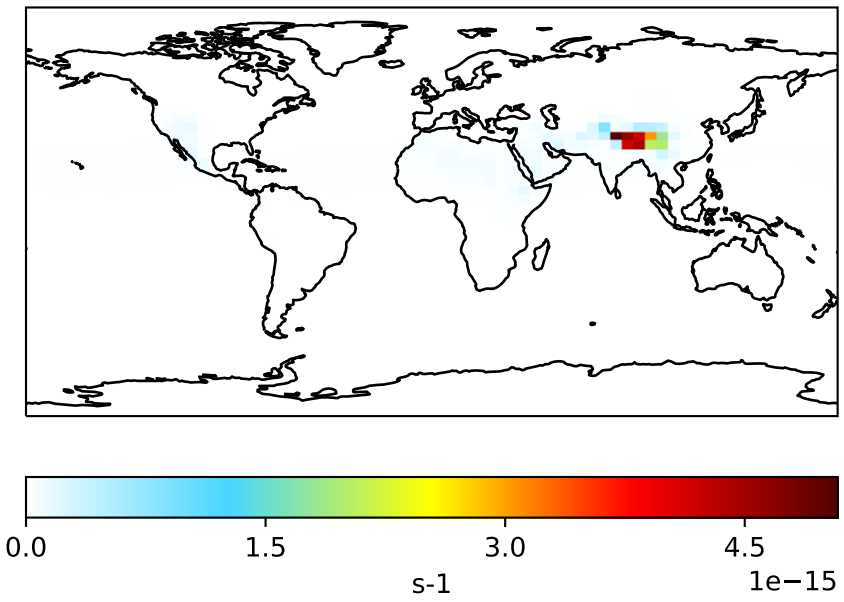


Ratio
Dev/Ref, Fixed Range

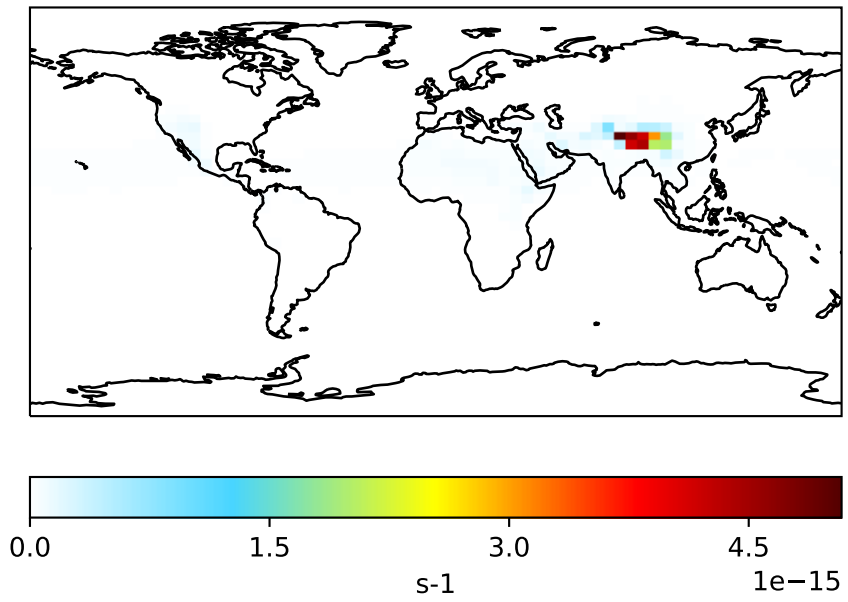


Jval_HCFC141b

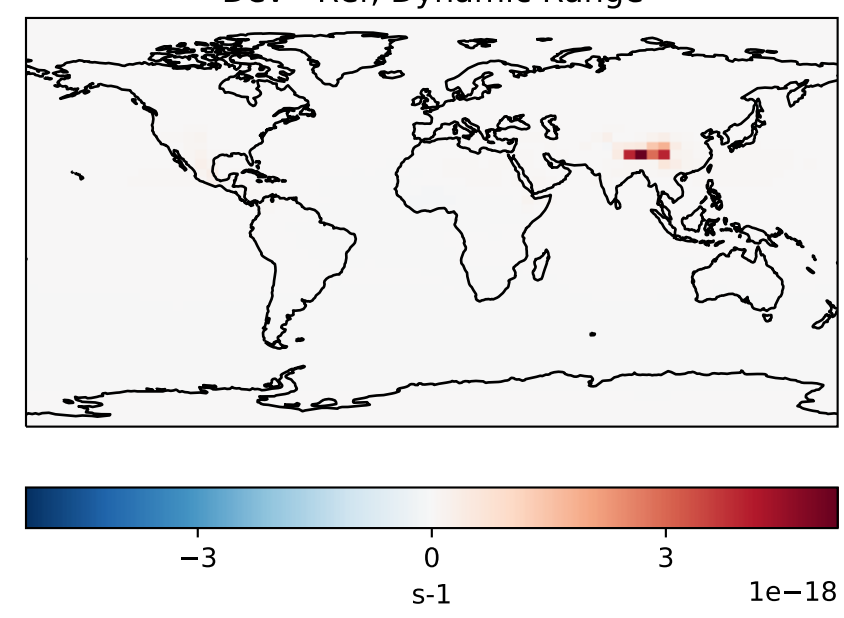
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



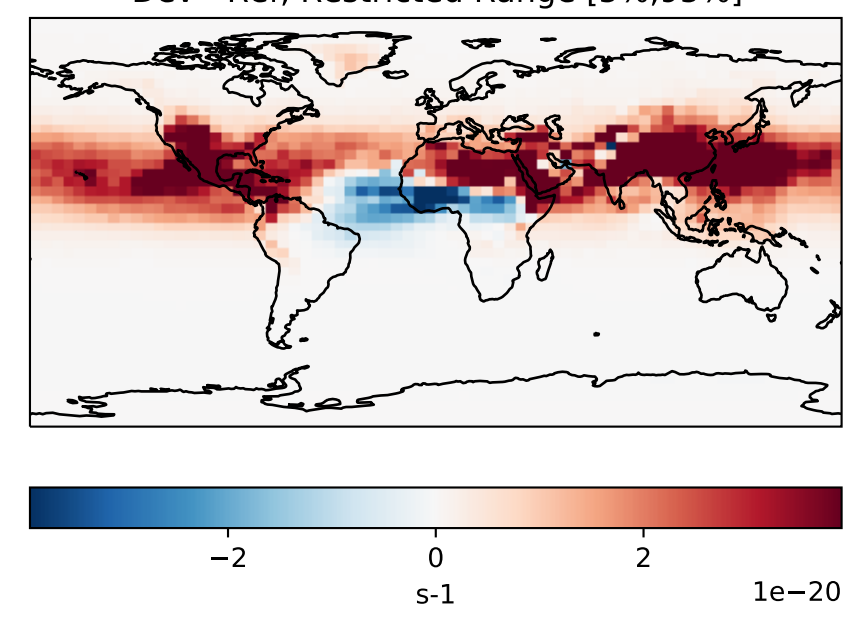
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



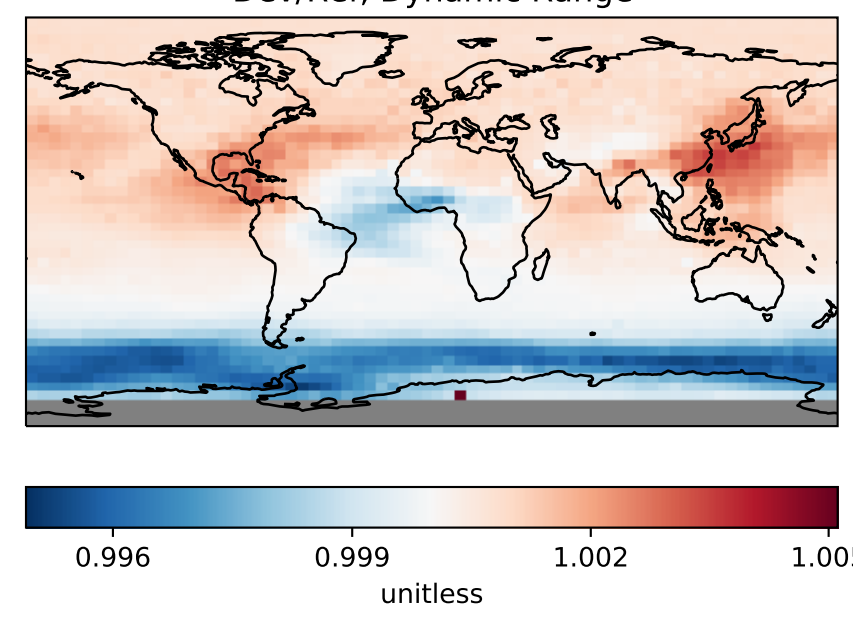
Difference
Dev - Ref, Dynamic Range



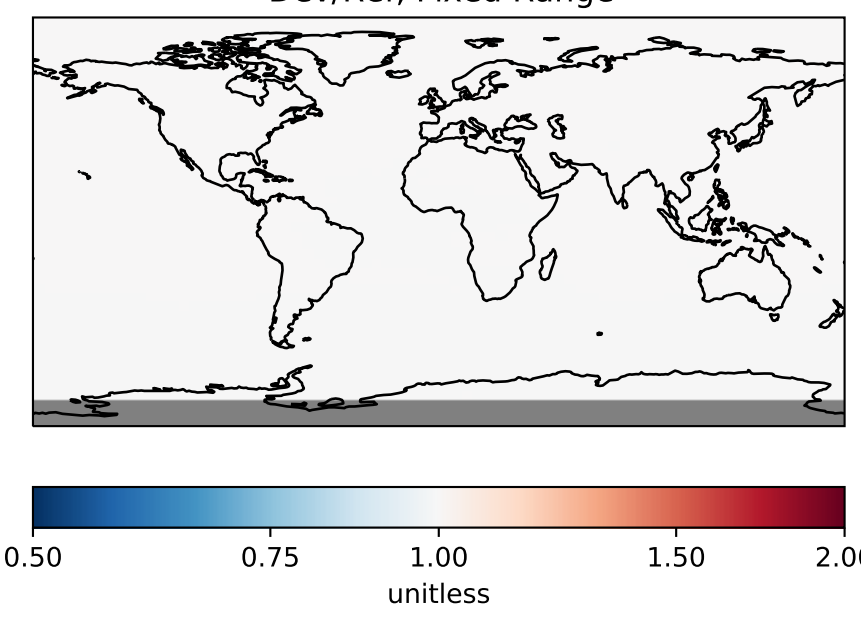
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

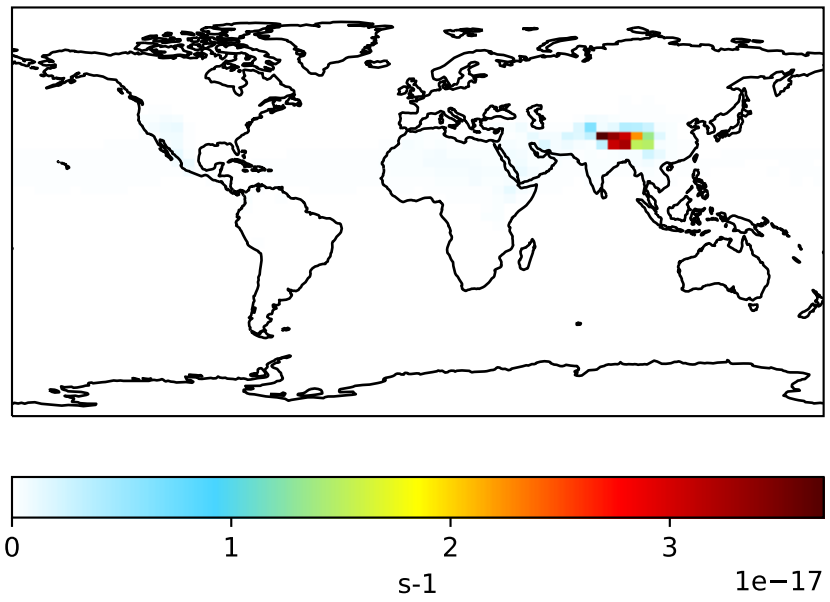


Ratio
Dev/Ref, Fixed Range

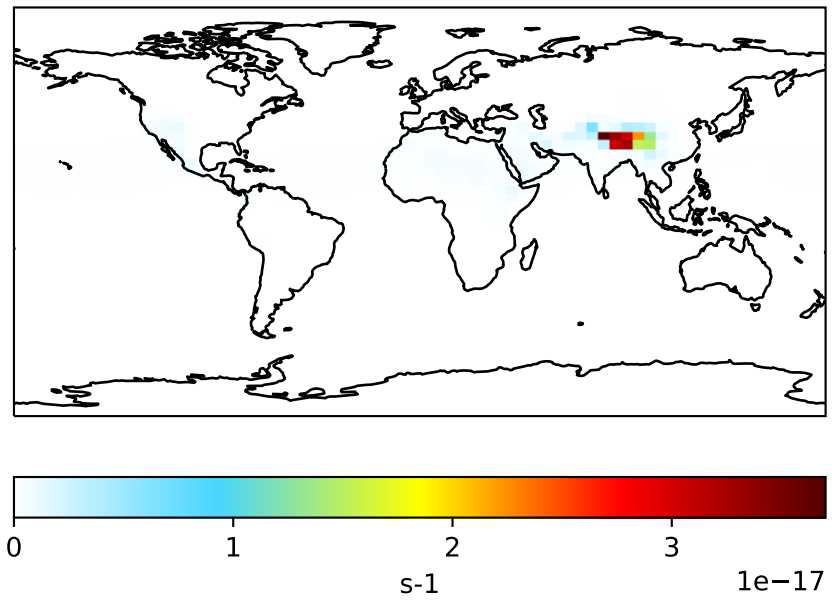


Jval_HCFC142b

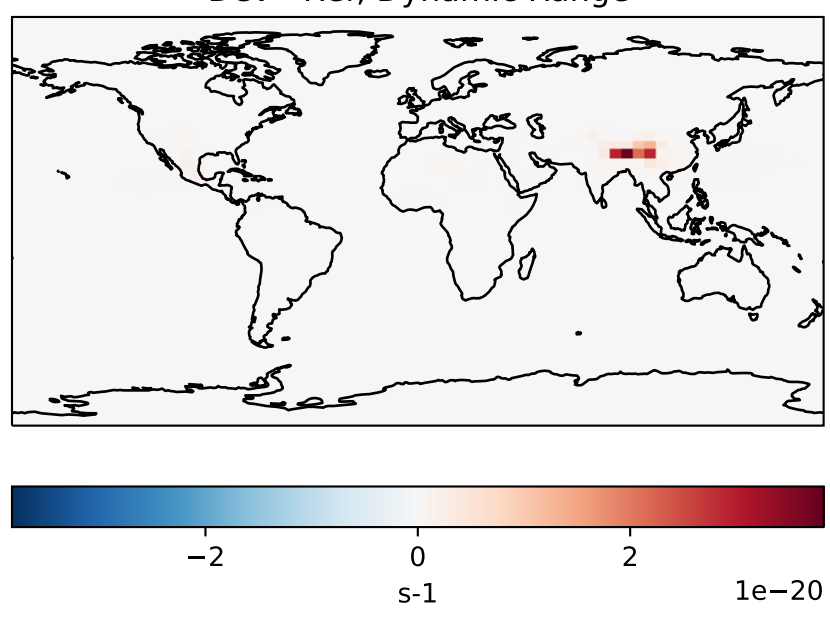
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



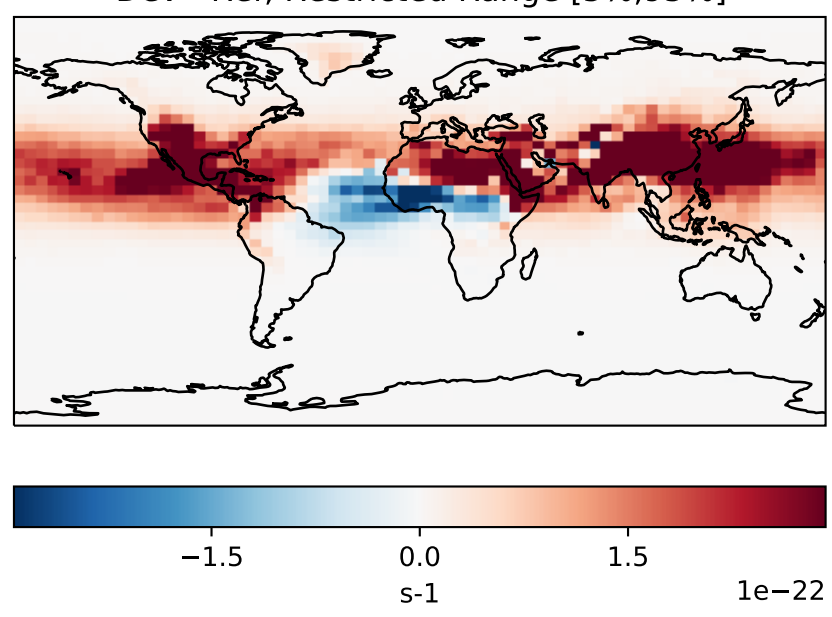
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



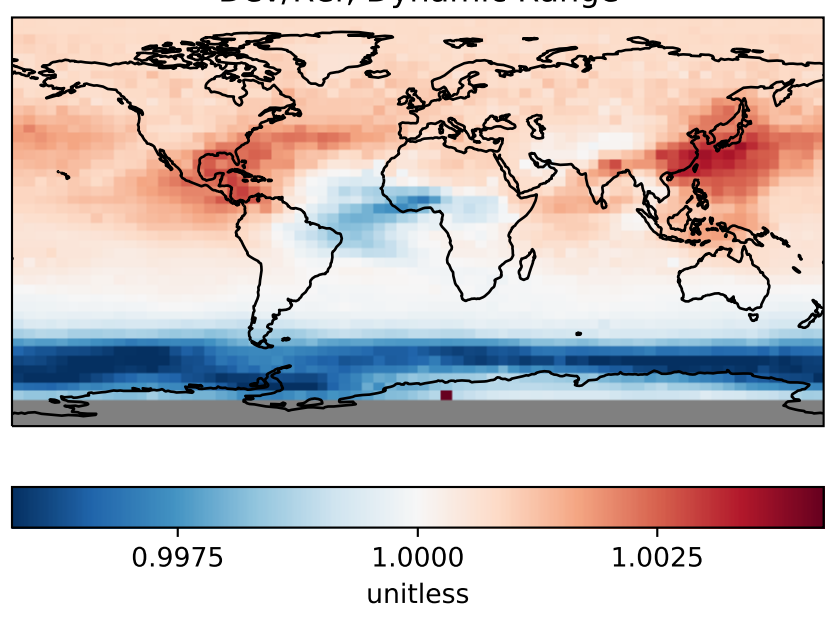
Difference
Dev - Ref, Dynamic Range



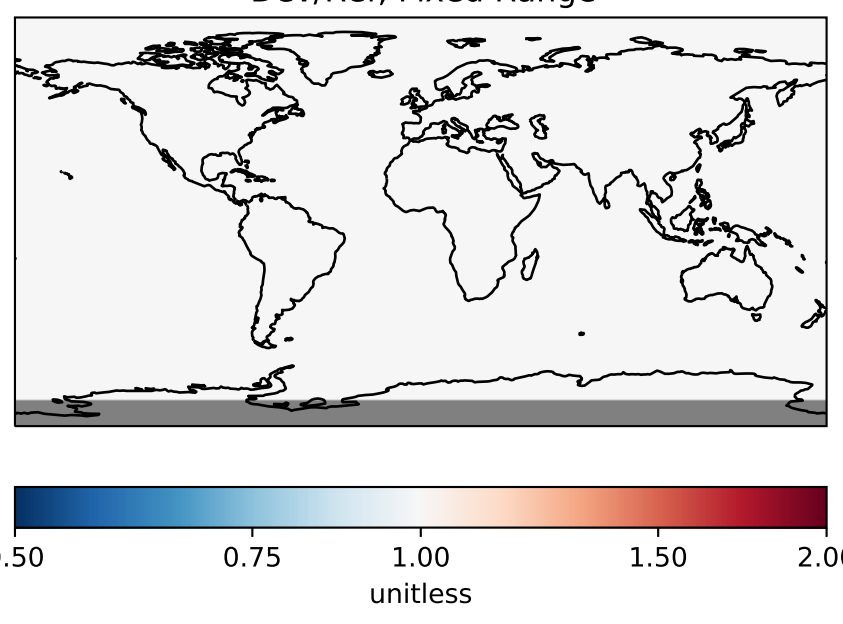
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

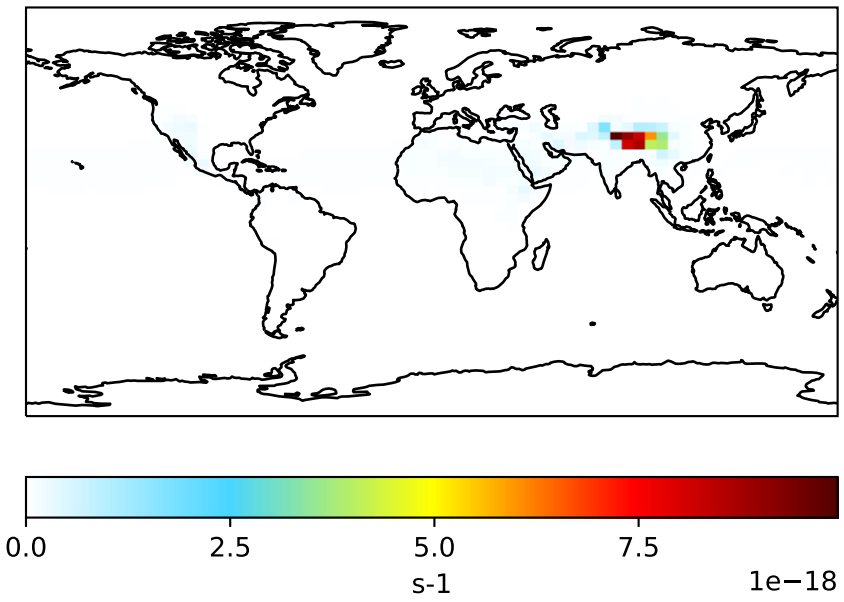


Ratio
Dev/Ref, Fixed Range

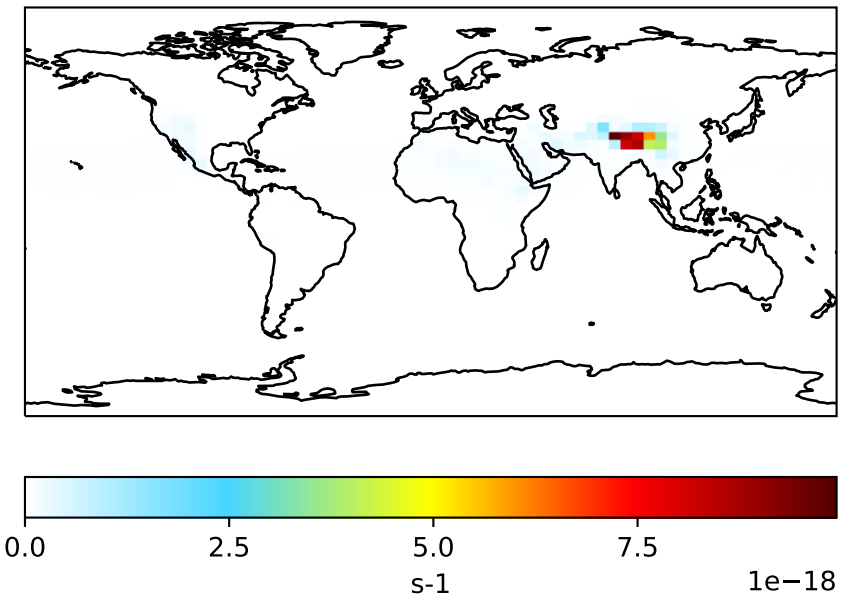


Jval_HCFC22

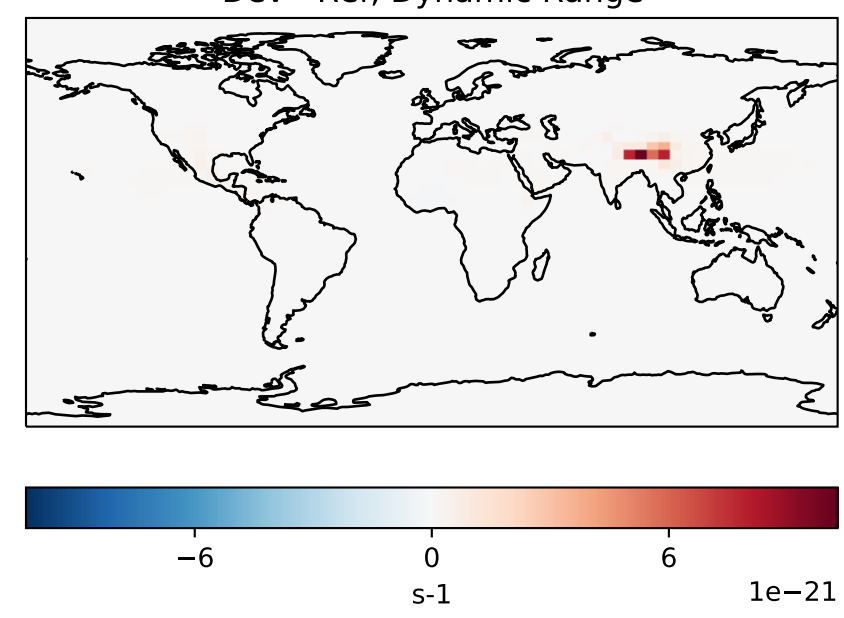
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



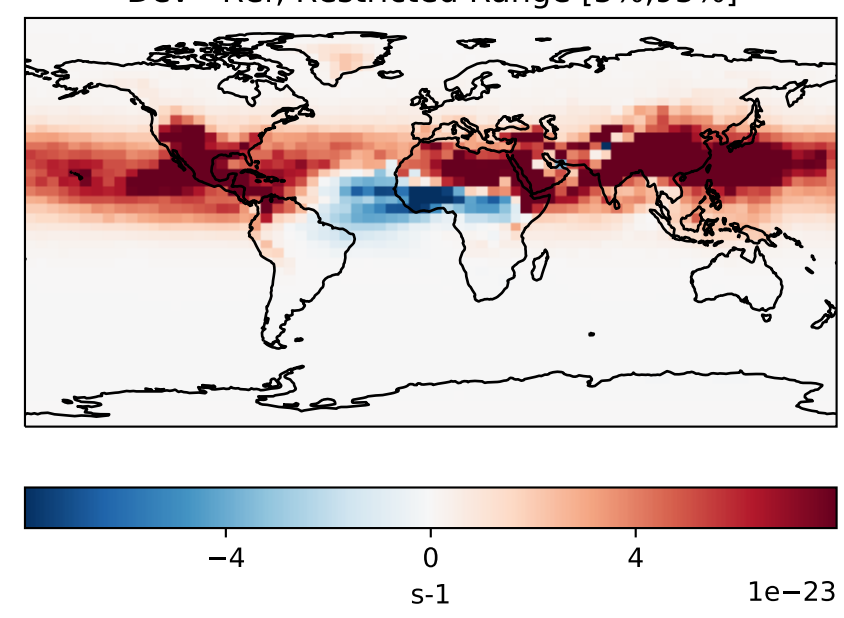
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



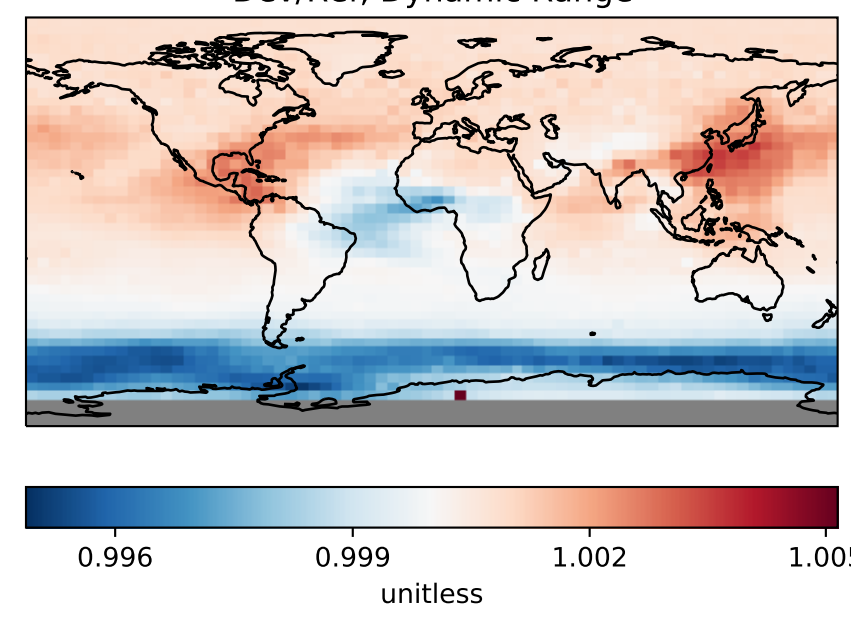
Difference
Dev - Ref, Dynamic Range



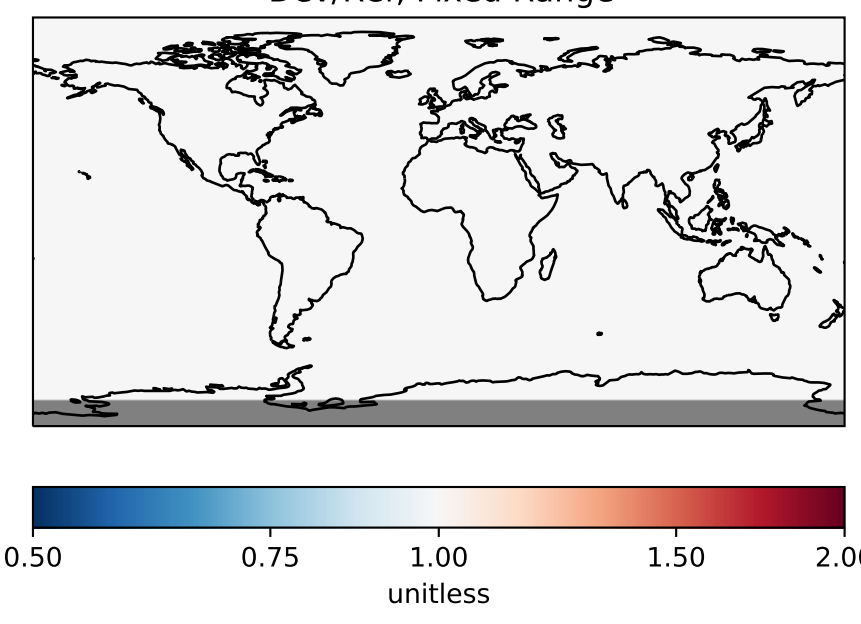
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

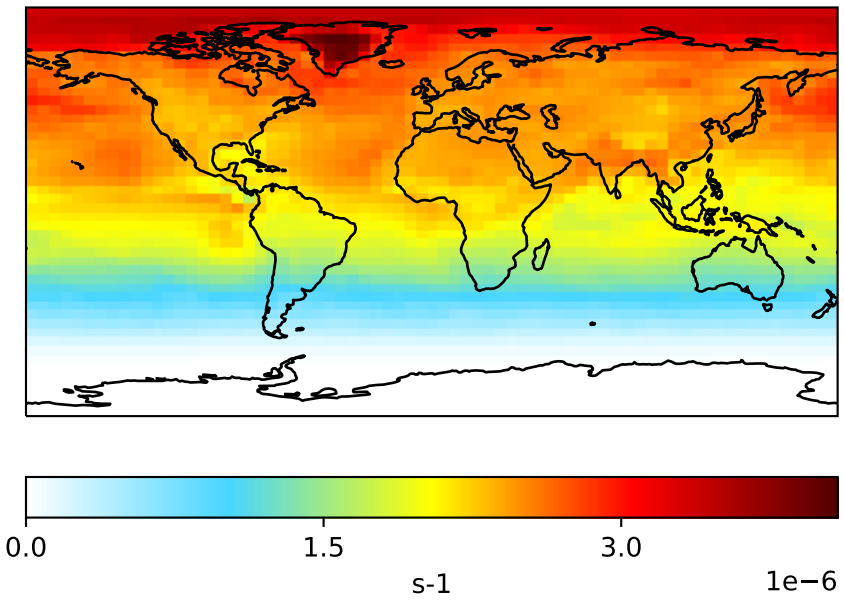


Ratio
Dev/Ref, Fixed Range

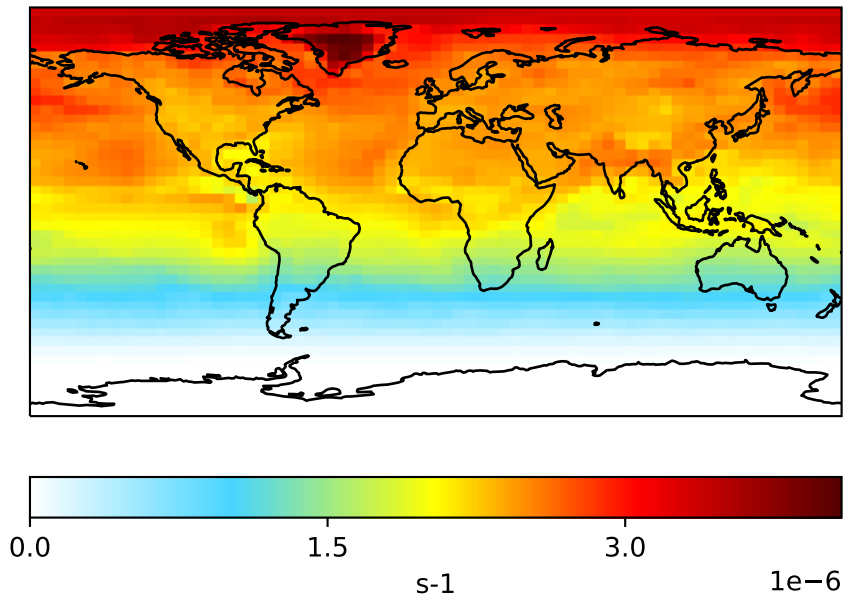


Jval_HMHP

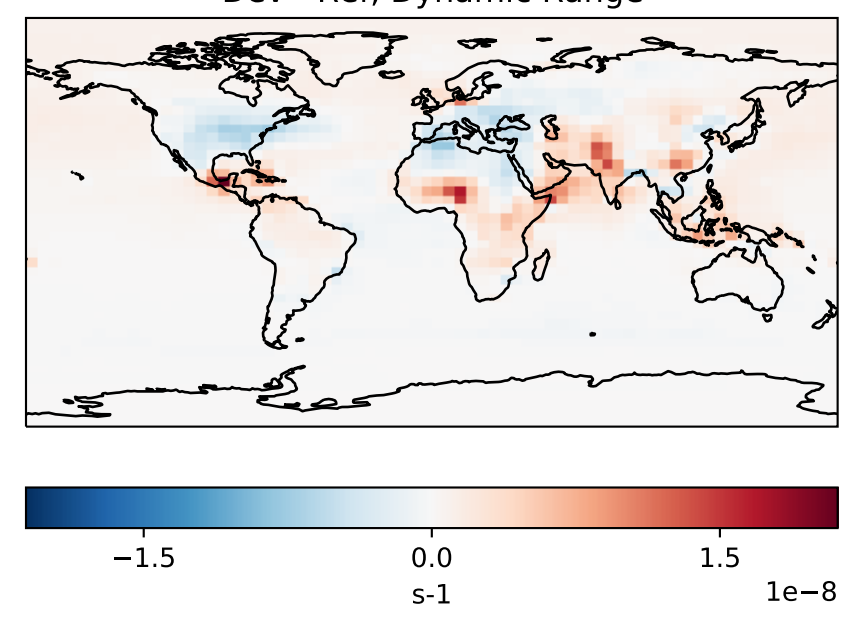
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



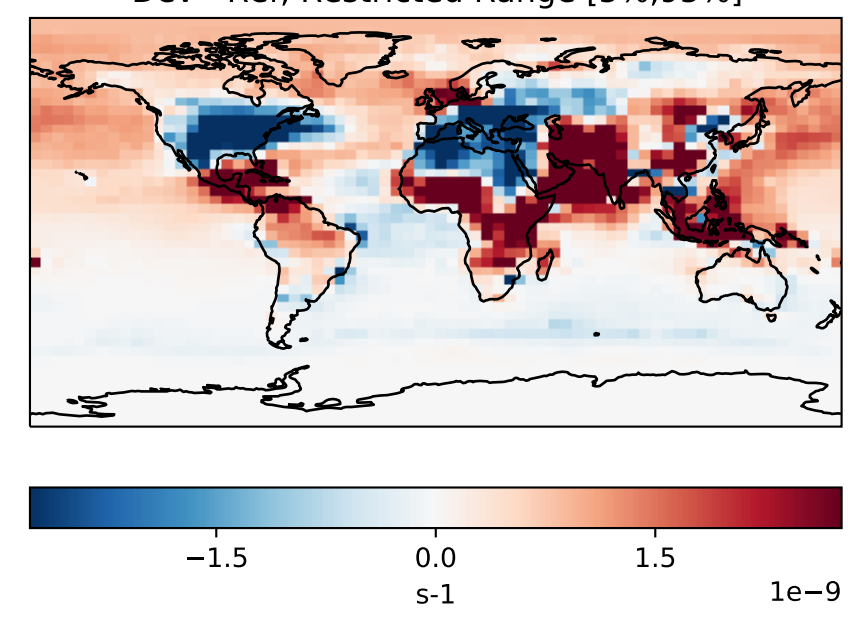
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



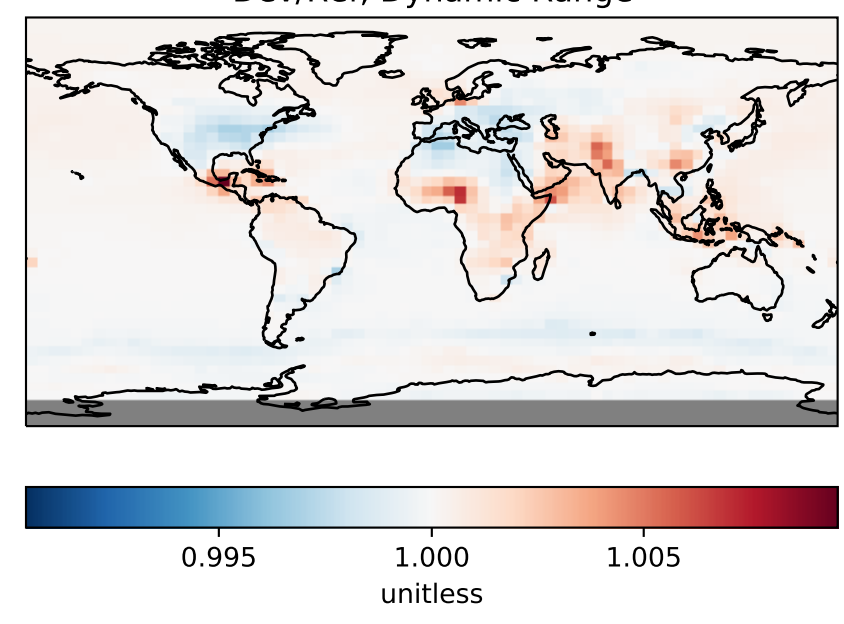
Difference
Dev - Ref, Dynamic Range



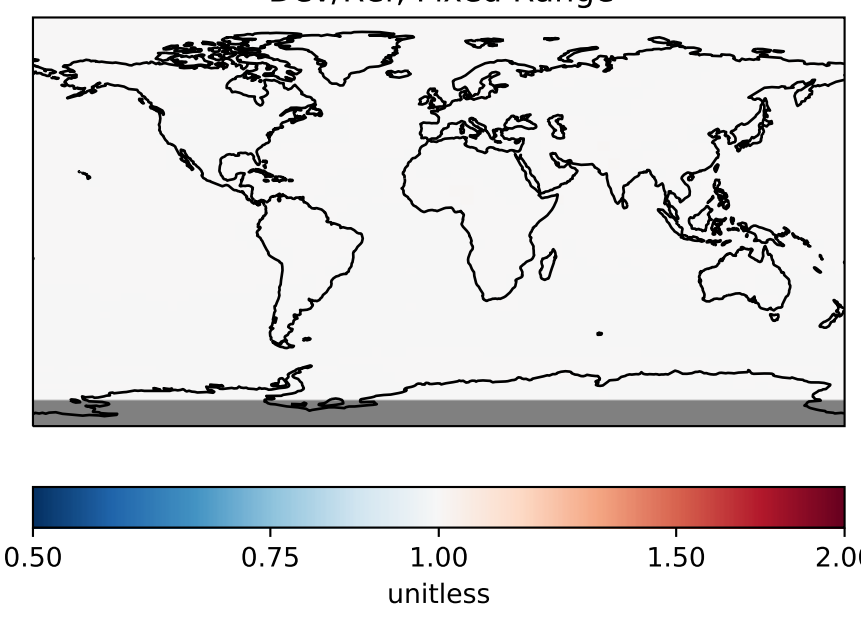
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

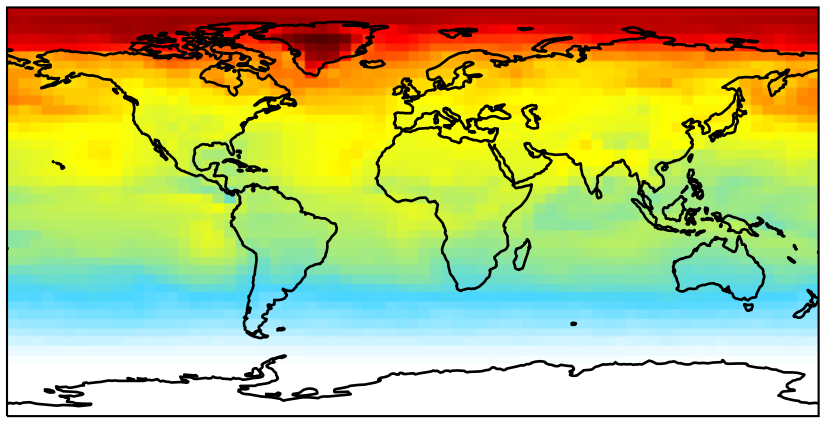


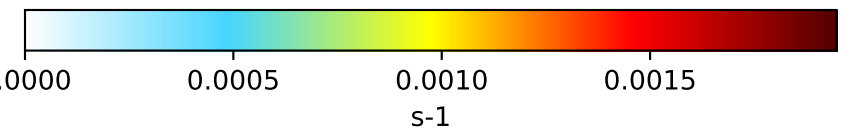
Ratio
Dev/Ref, Fixed Range



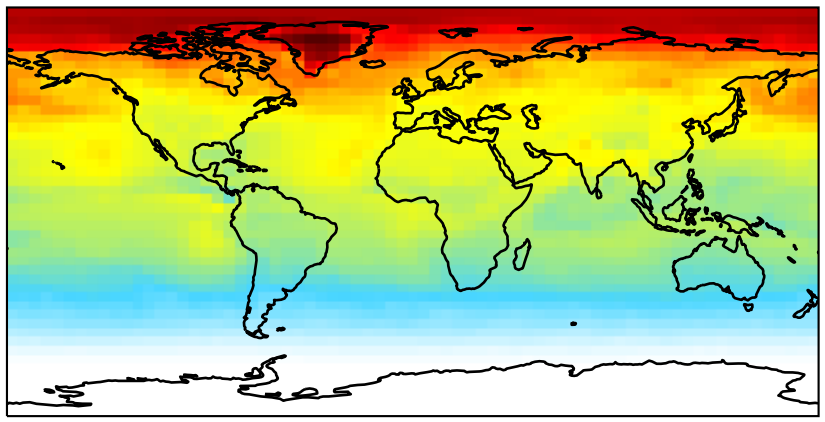
Jval_HNO2

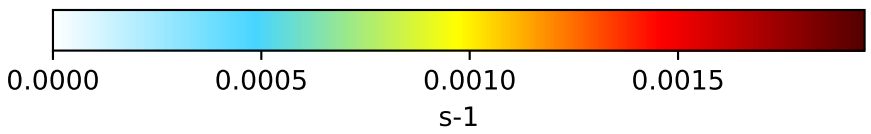
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



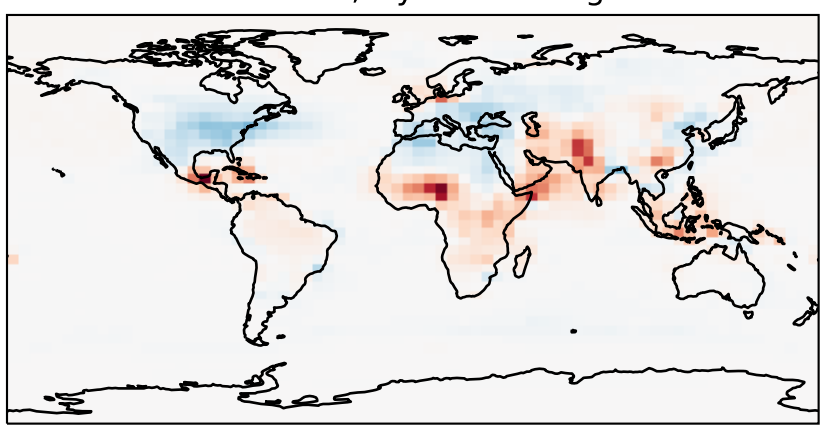


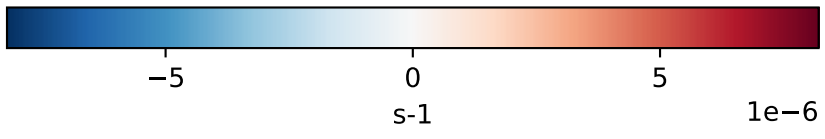
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



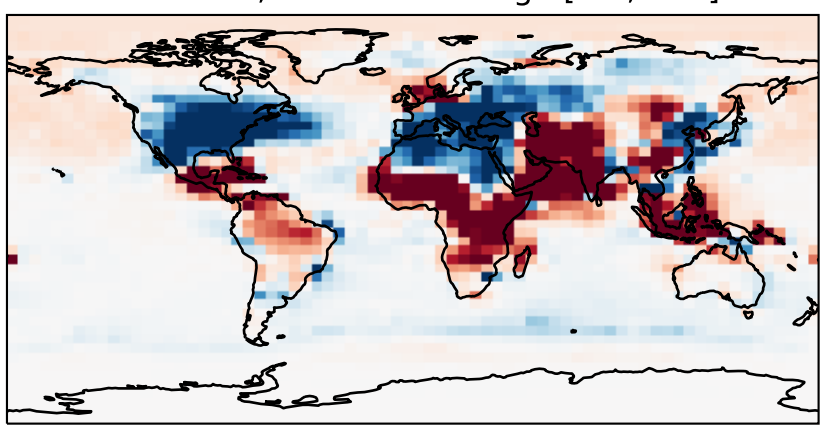


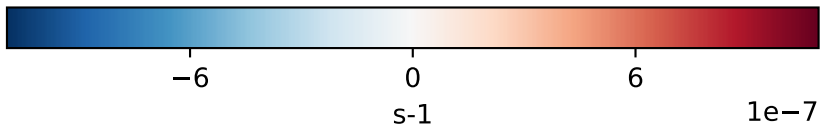
Difference
Dev - Ref, Dynamic Range



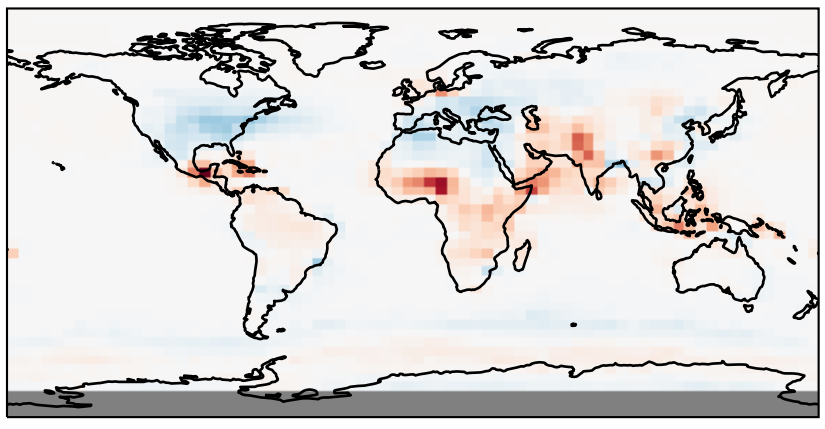


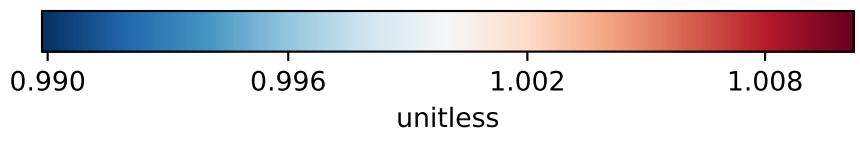
Difference
Dev - Ref, Restricted Range [5%,95%]



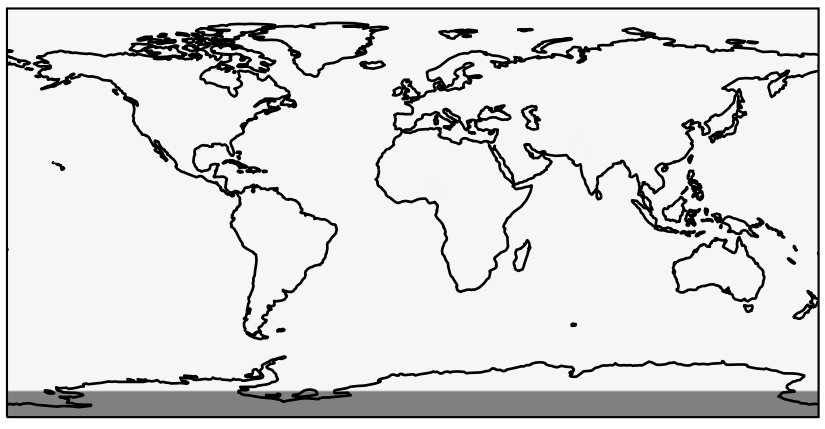


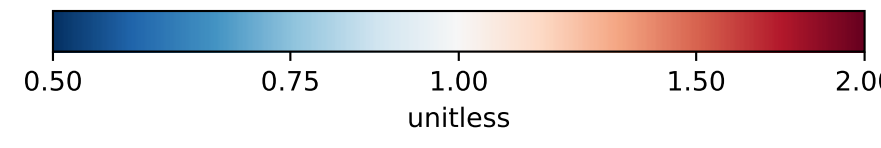
Ratio
Dev/Ref, Dynamic Range





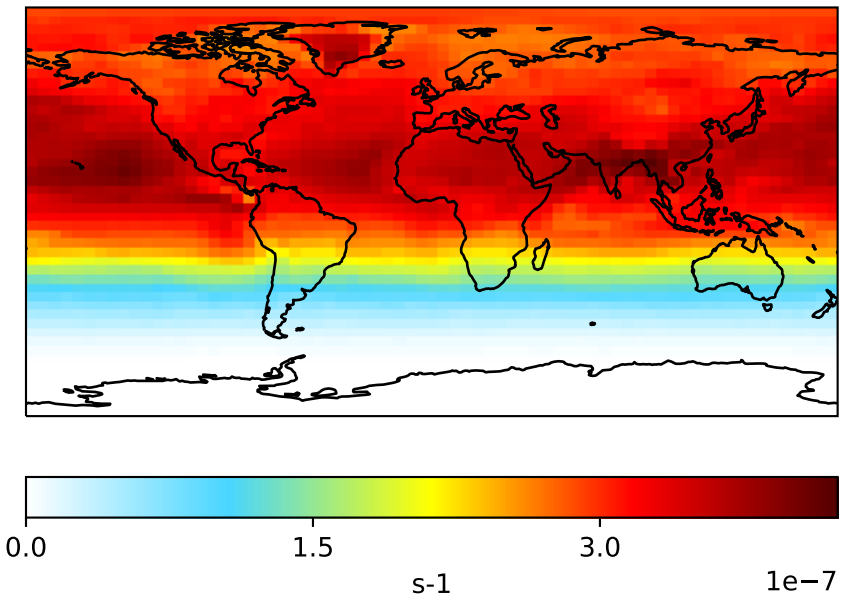
Ratio
Dev/Ref, Fixed Range



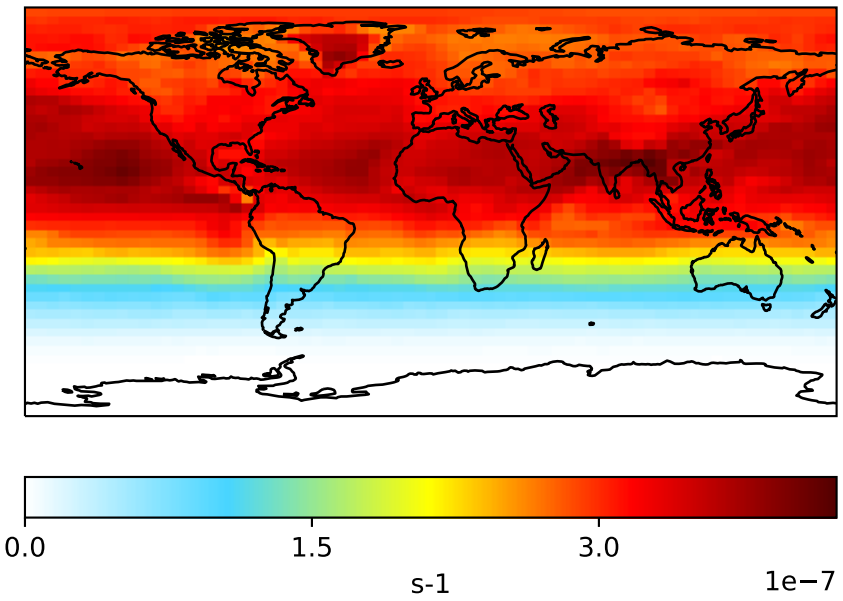


Jval_HNO3

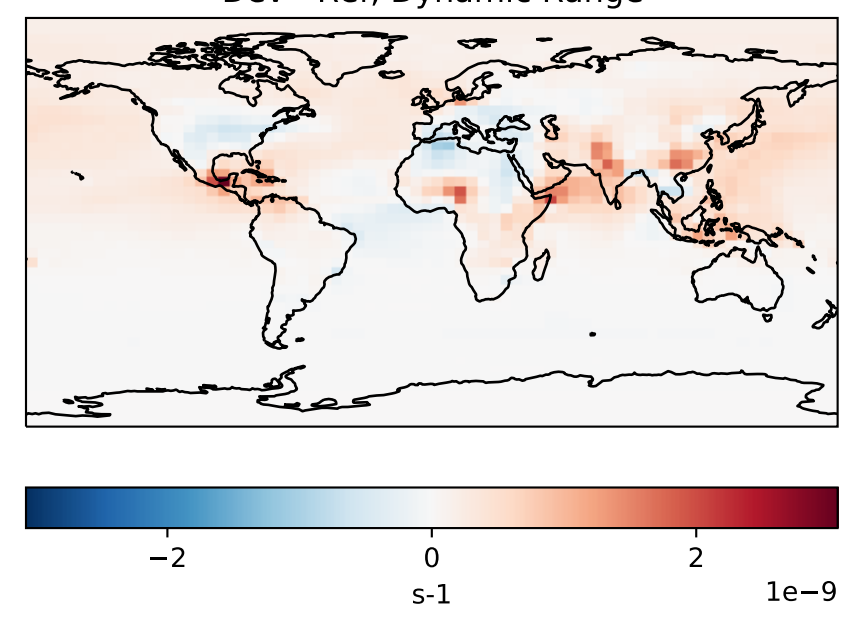
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



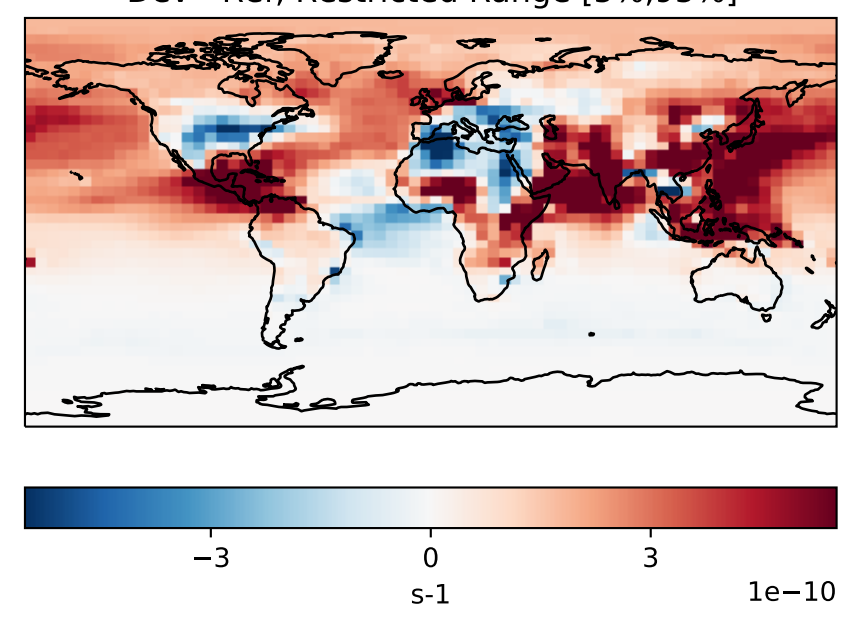
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



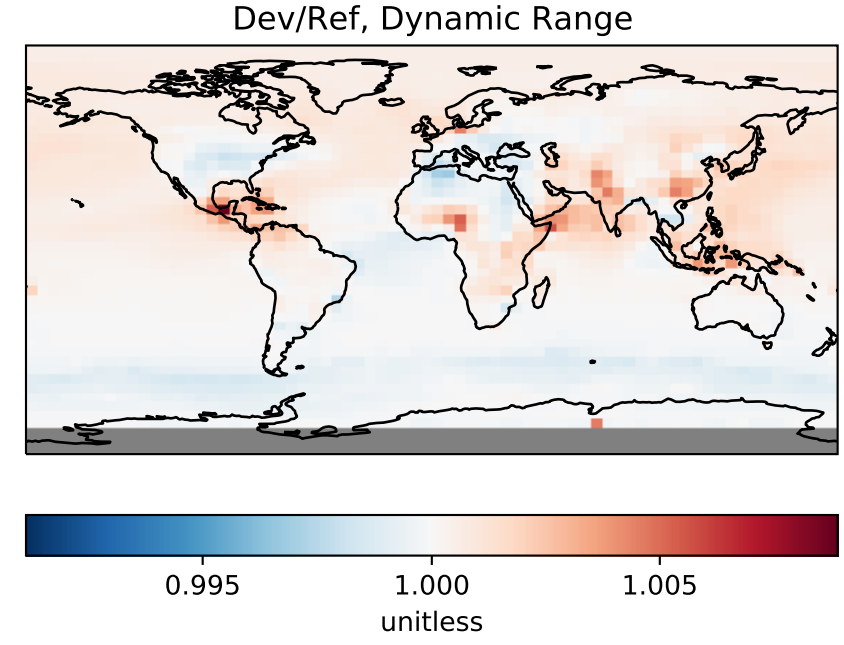
Difference
Dev - Ref, Dynamic Range



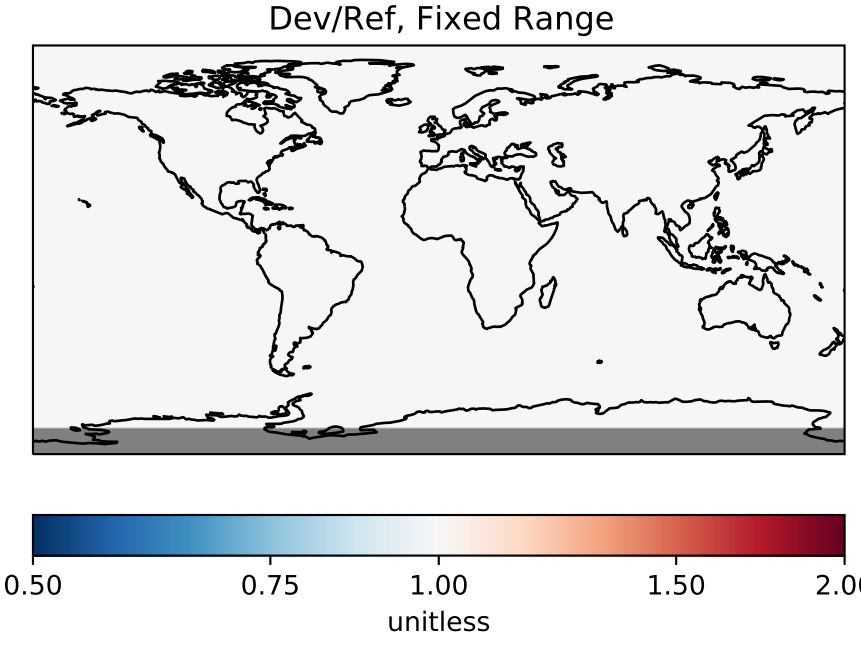
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

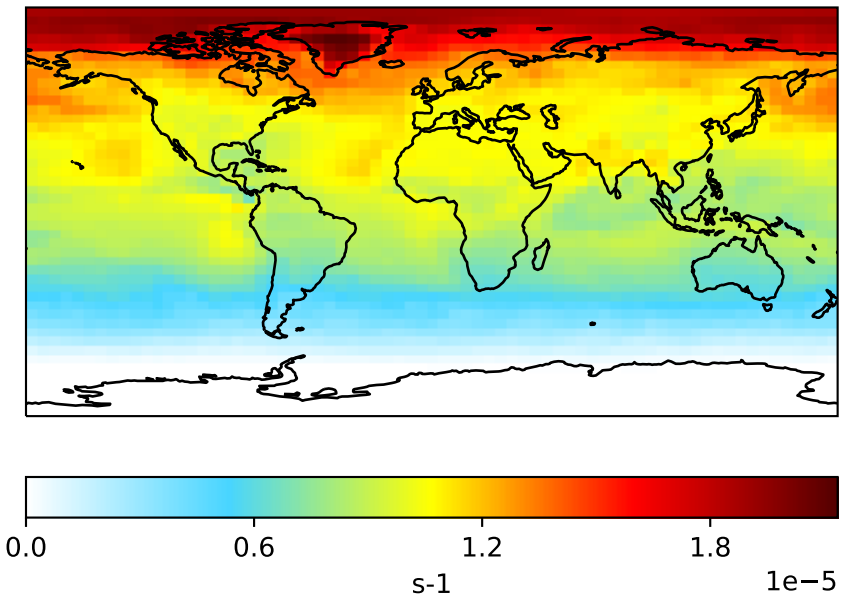


Ratio
Dev/Ref, Fixed Range

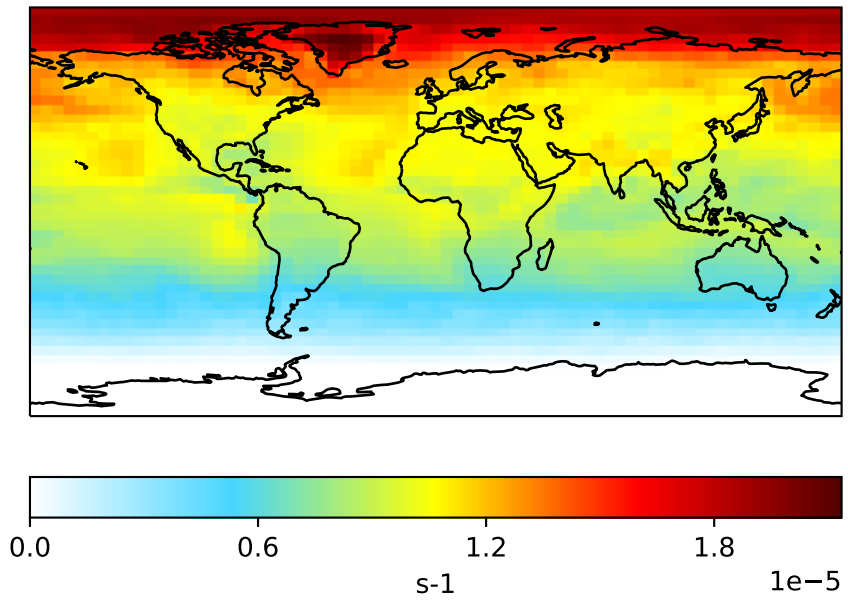


Jval_HNO4

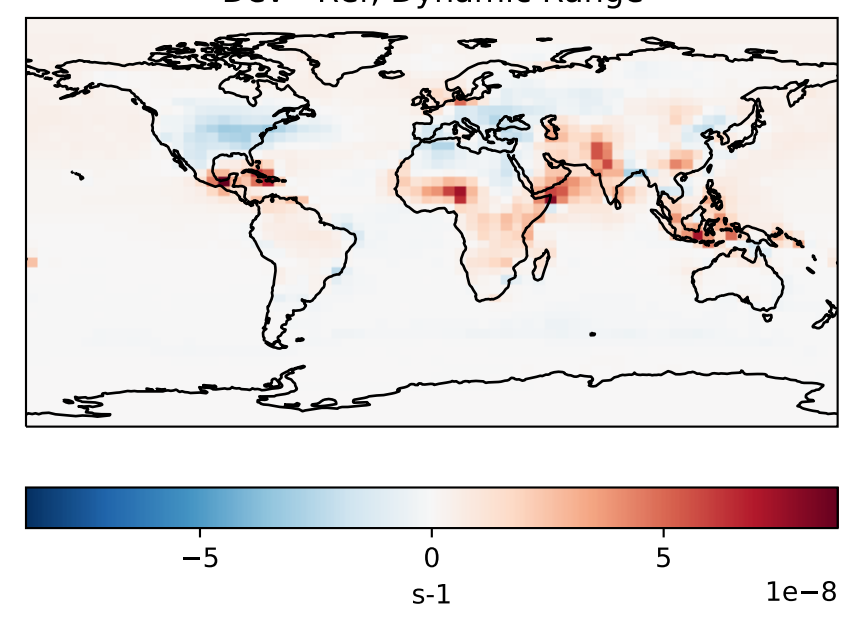
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



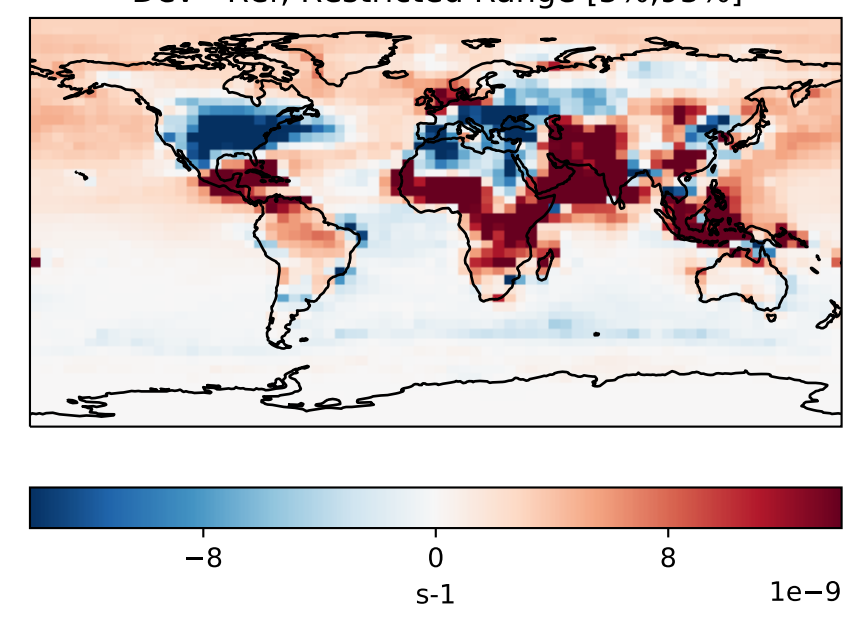
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



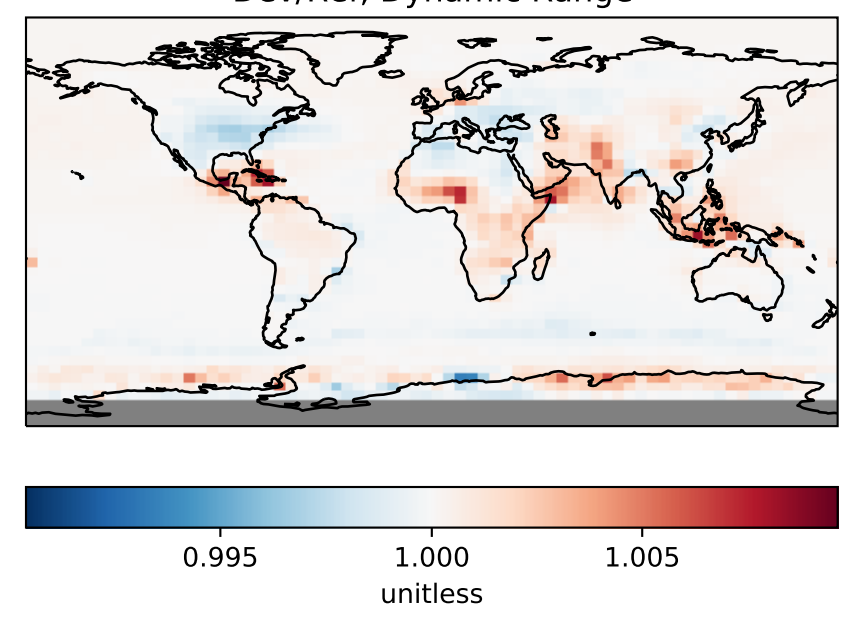
Difference
Dev - Ref, Dynamic Range



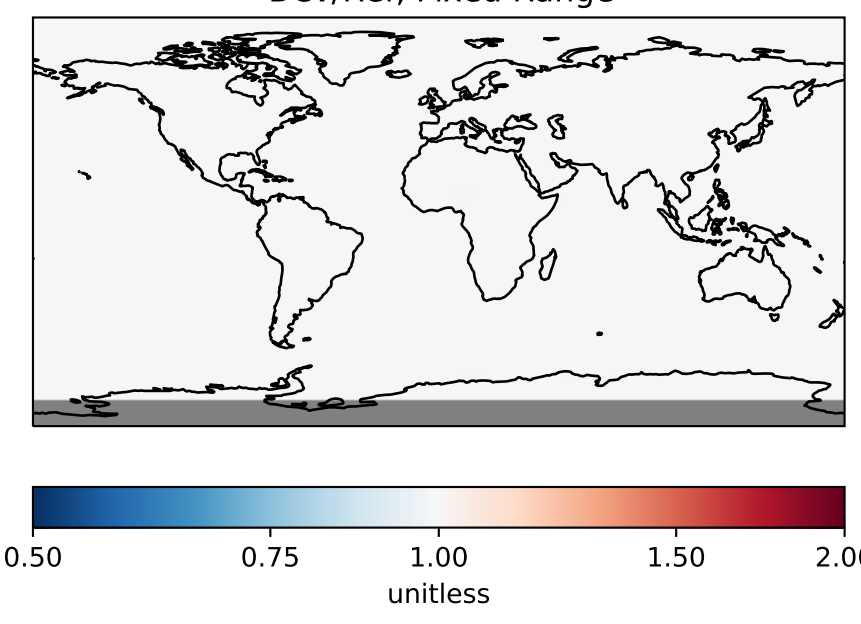
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

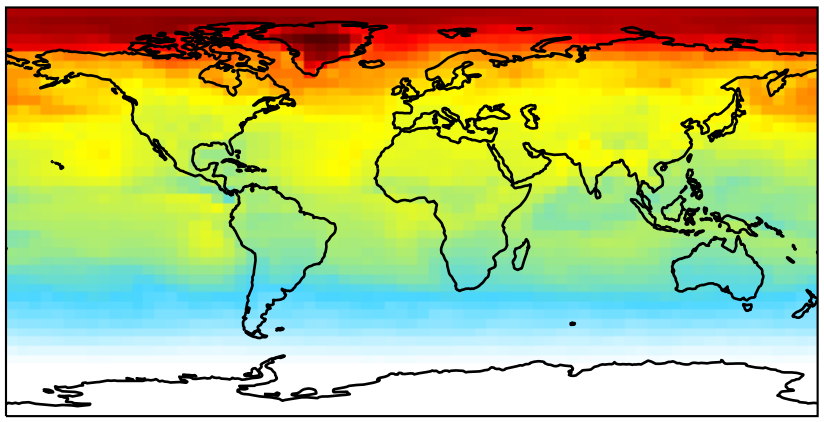


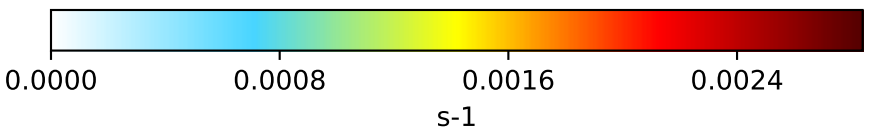
Ratio
Dev/Ref, Fixed Range



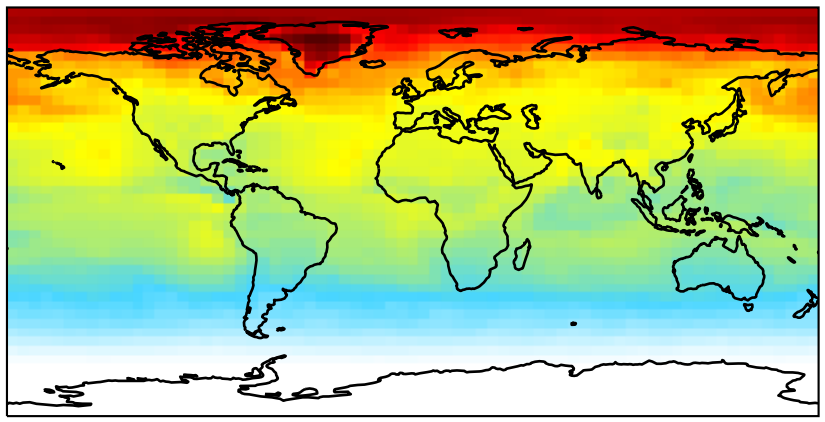
Jval_HOBr

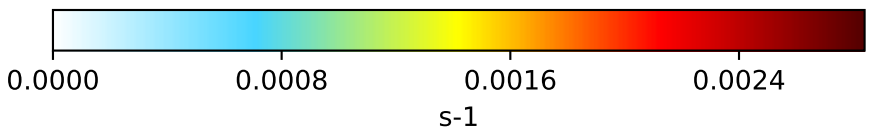
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



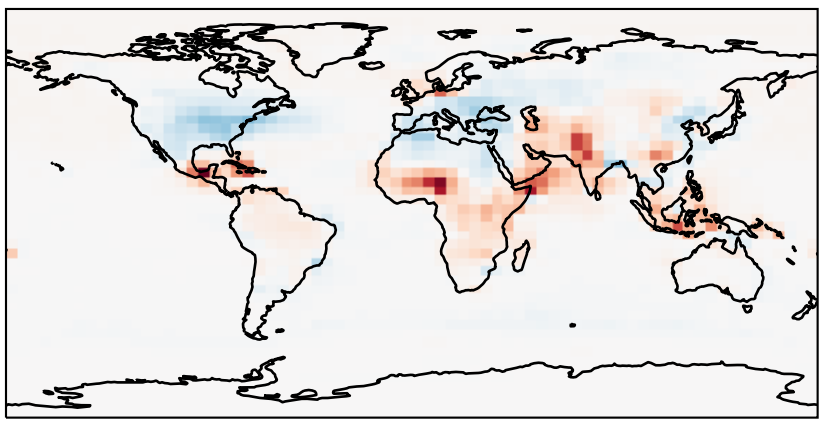


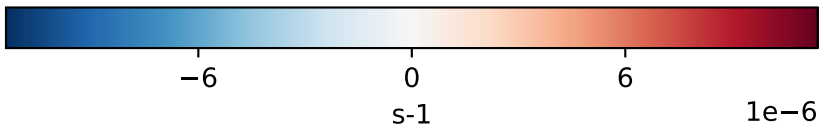
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



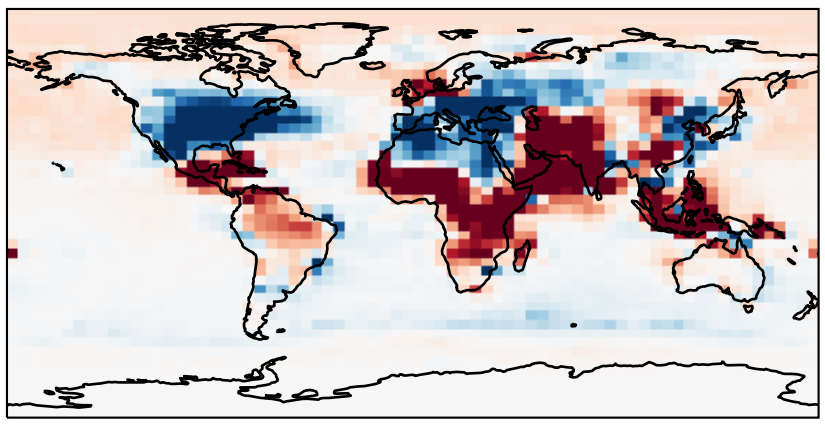


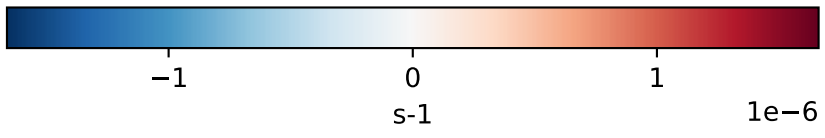
Difference
Dev - Ref, Dynamic Range



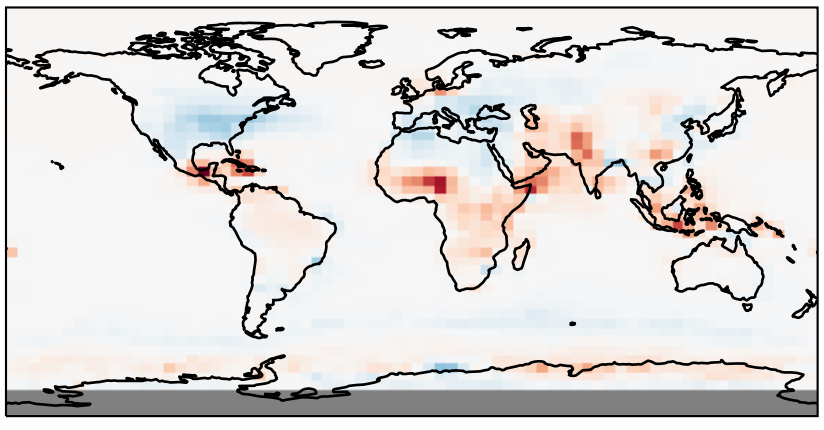


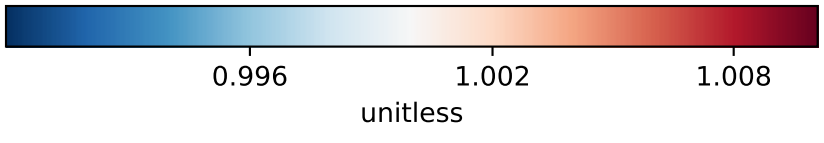
Difference
Dev - Ref, Restricted Range [5%,95%]



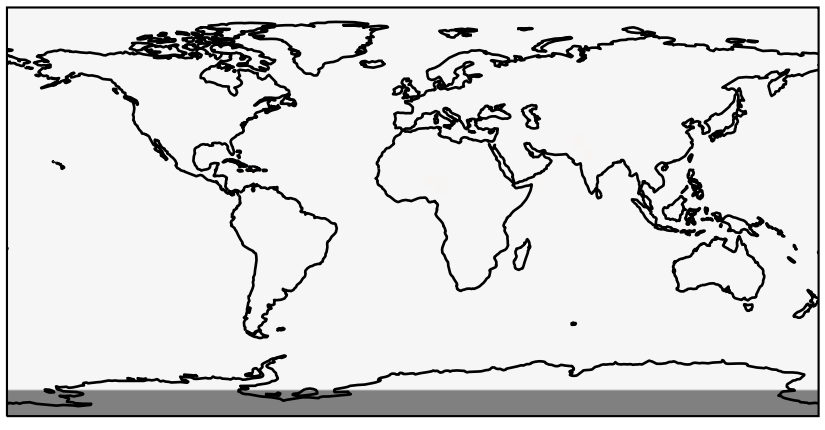


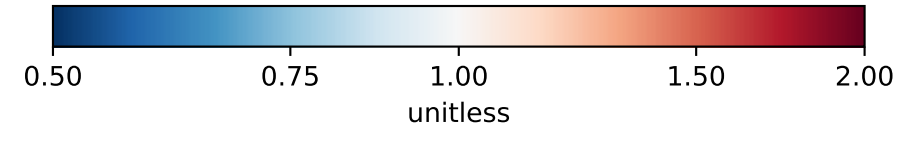
Ratio
Dev/Ref, Dynamic Range





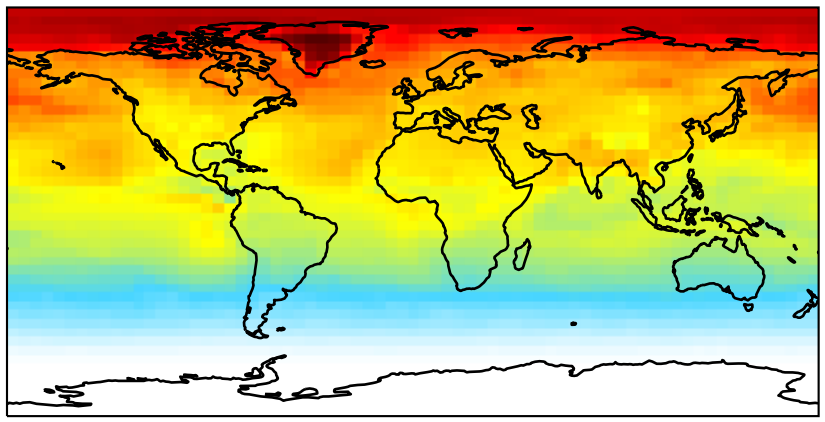
Ratio
Dev/Ref, Fixed Range

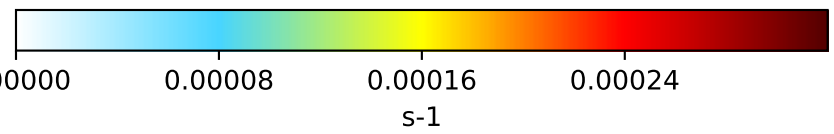




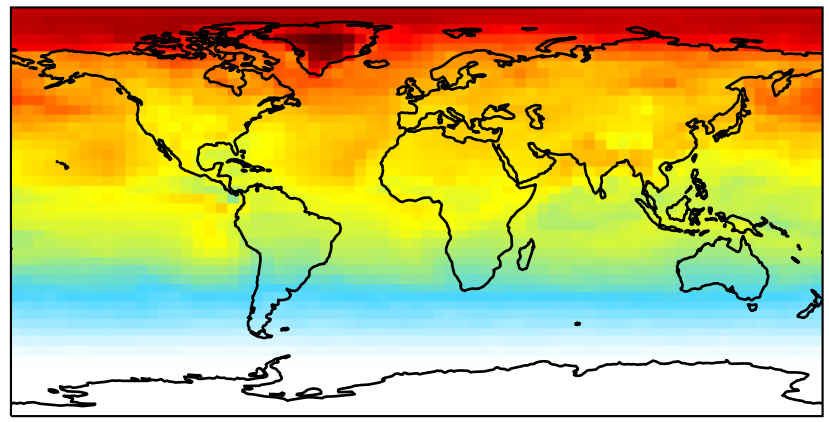
Jval_HOCl

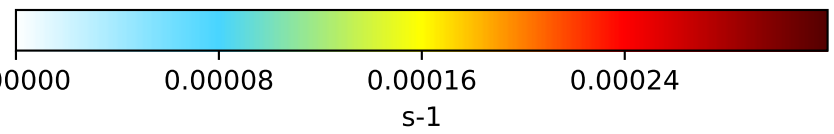
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



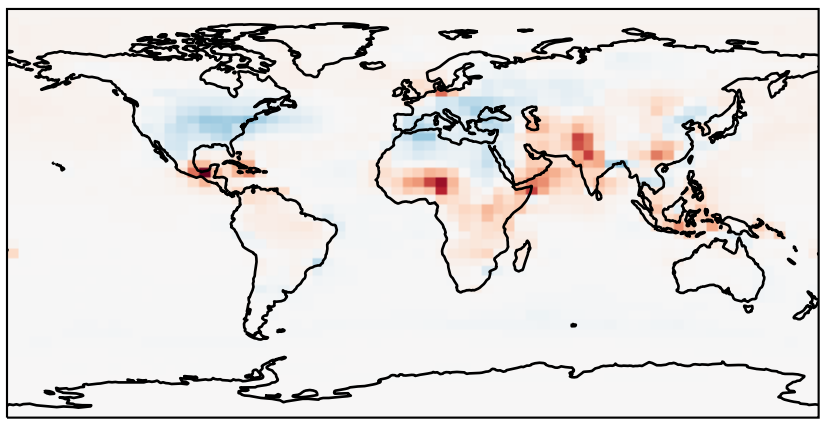


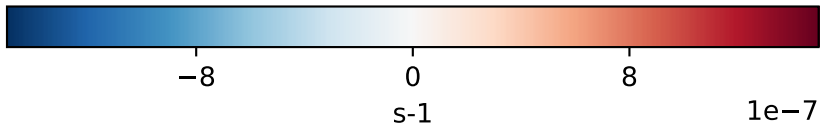
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



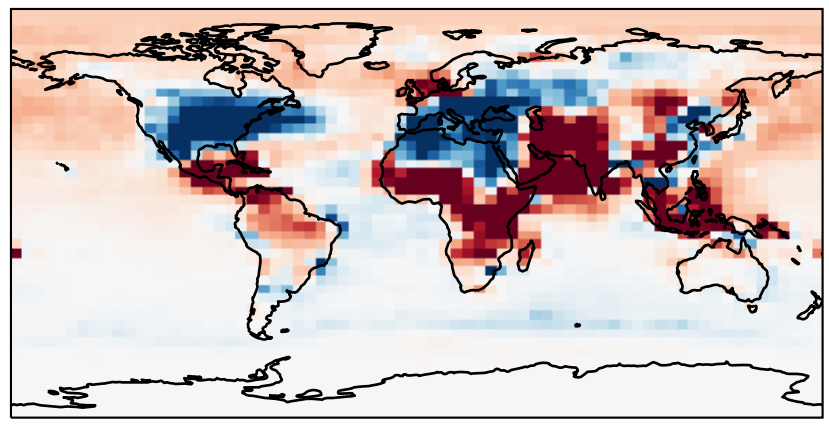


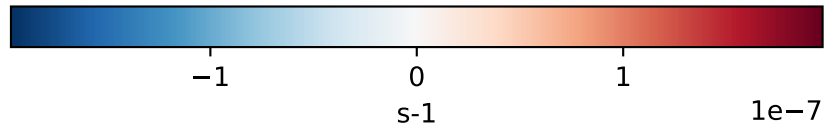
Difference
Dev - Ref, Dynamic Range



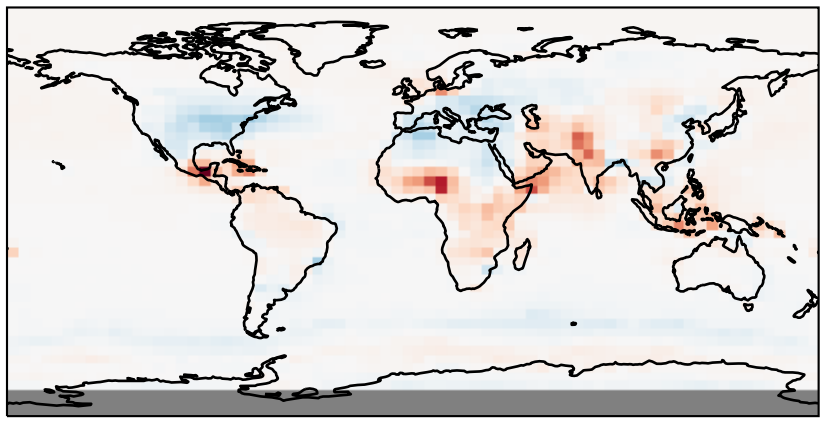


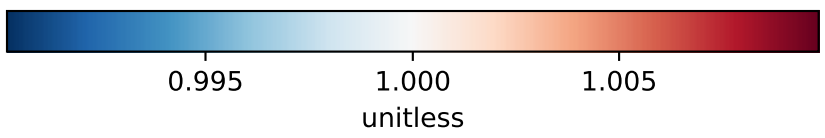
Difference
Dev - Ref, Restricted Range [5%,95%]



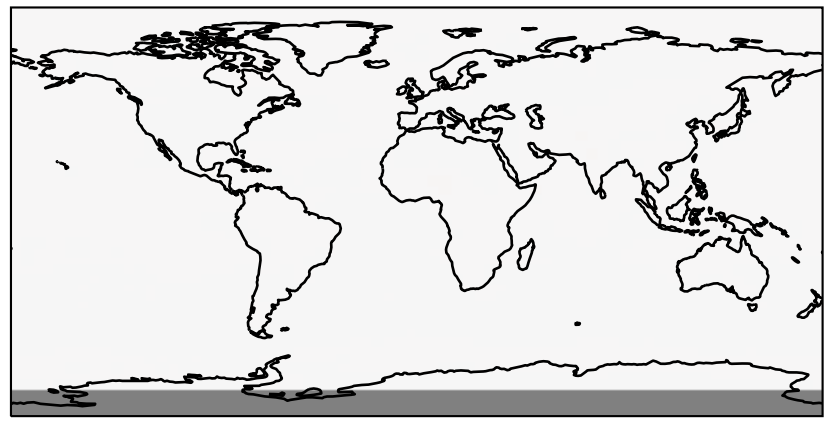


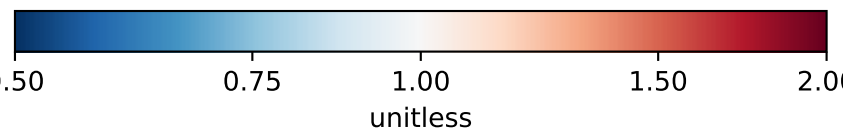
Ratio
Dev/Ref, Dynamic Range





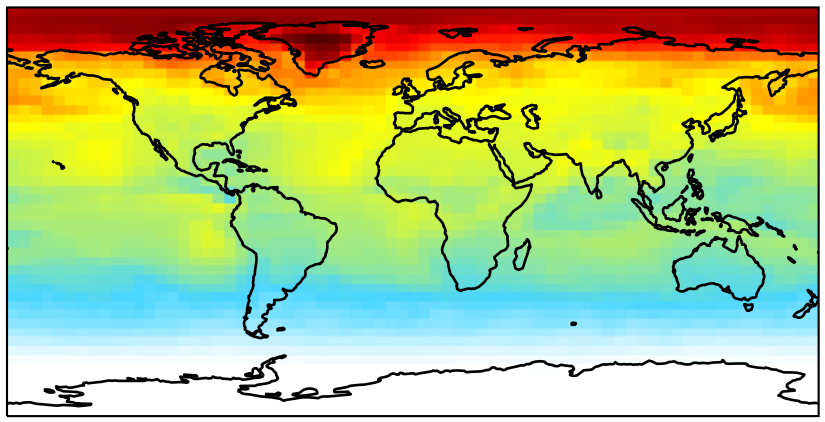
Ratio
Dev/Ref, Fixed Range

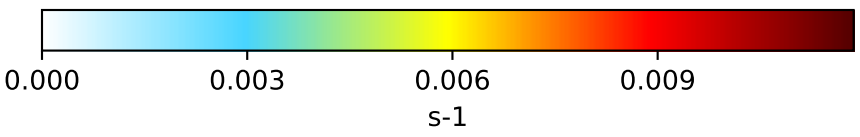




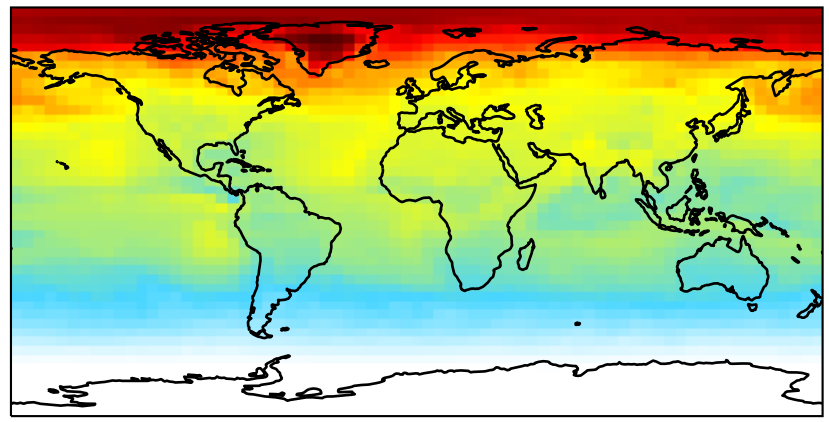
Jval_HOI

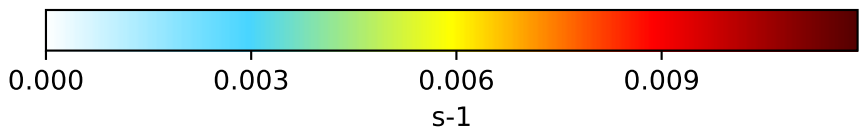
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



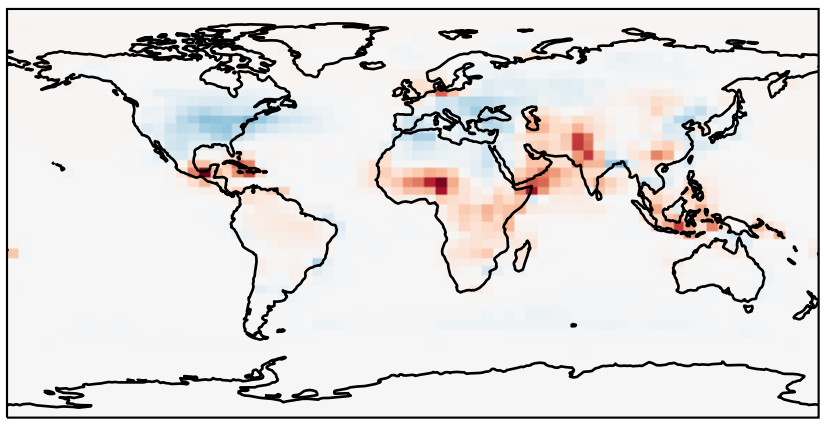


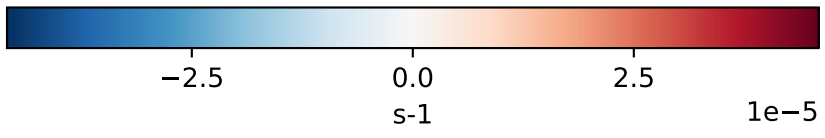
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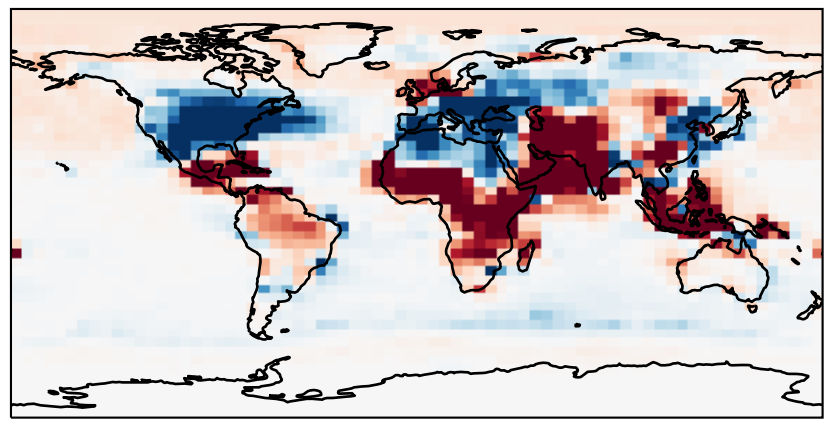


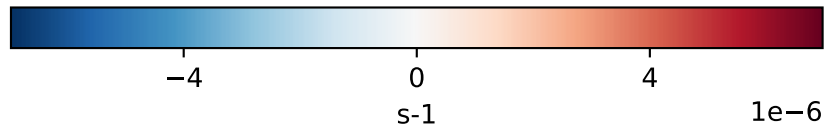
Difference
Dev - Ref, Dynamic Range



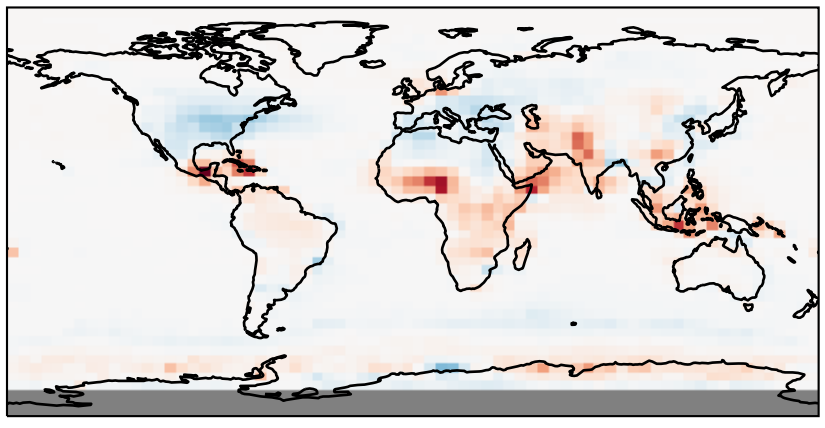


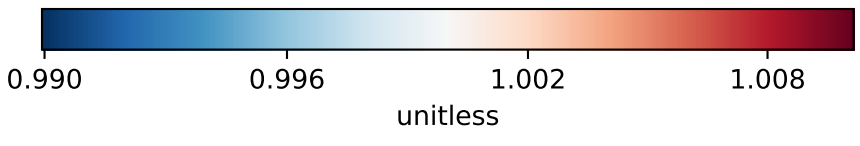
Difference
Dev - Ref, Restricted Range [5%,95%]



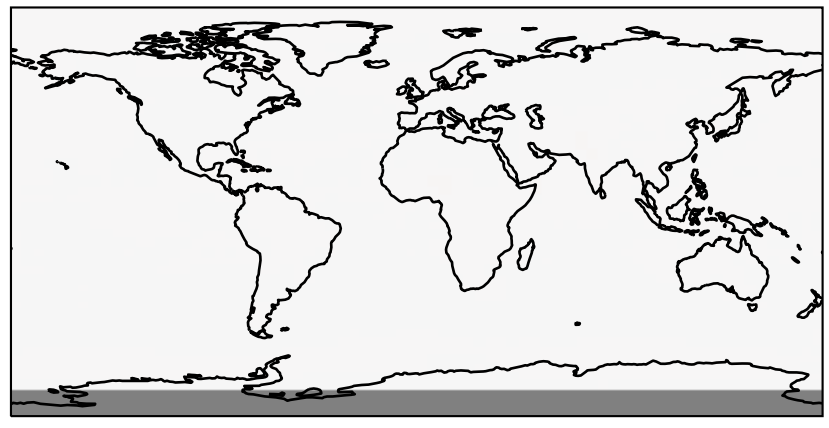


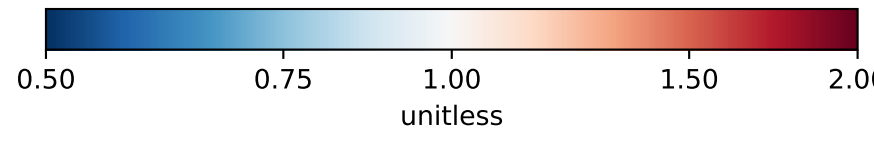
Ratio
Dev/Ref, Dynamic Range





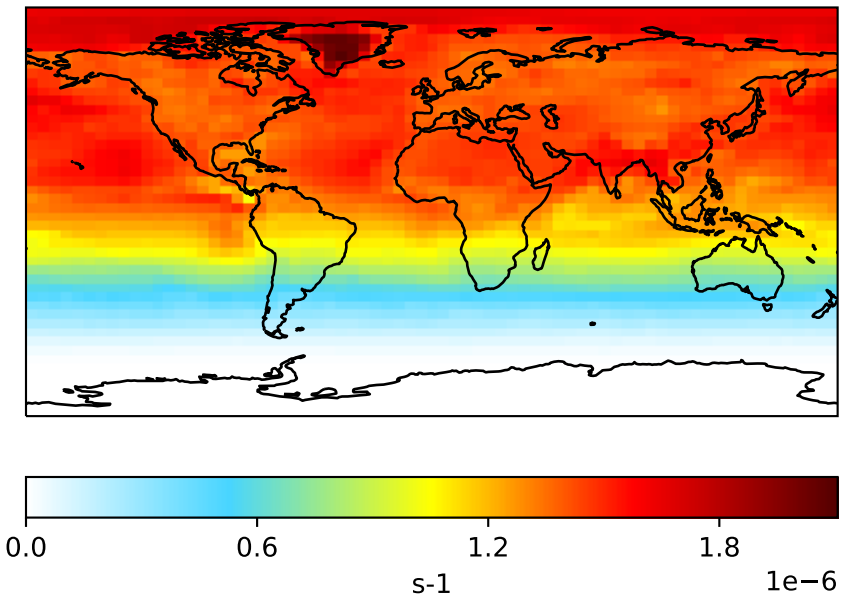
Ratio
Dev/Ref, Fixed Range



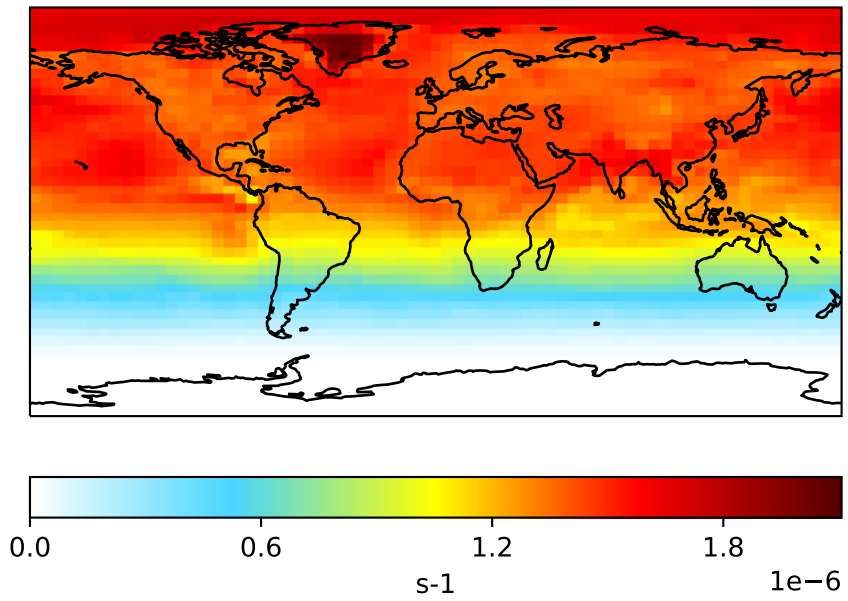


Jval_HONIT

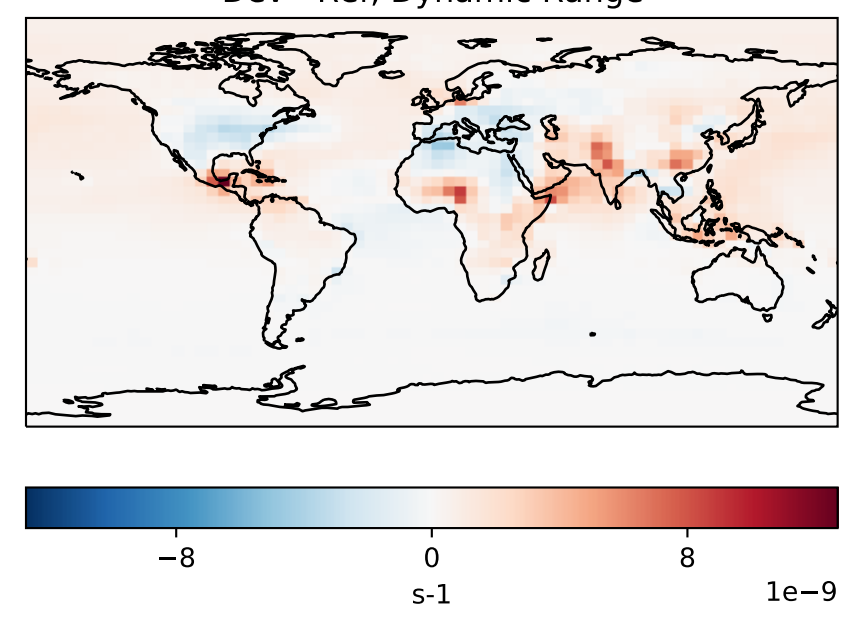
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



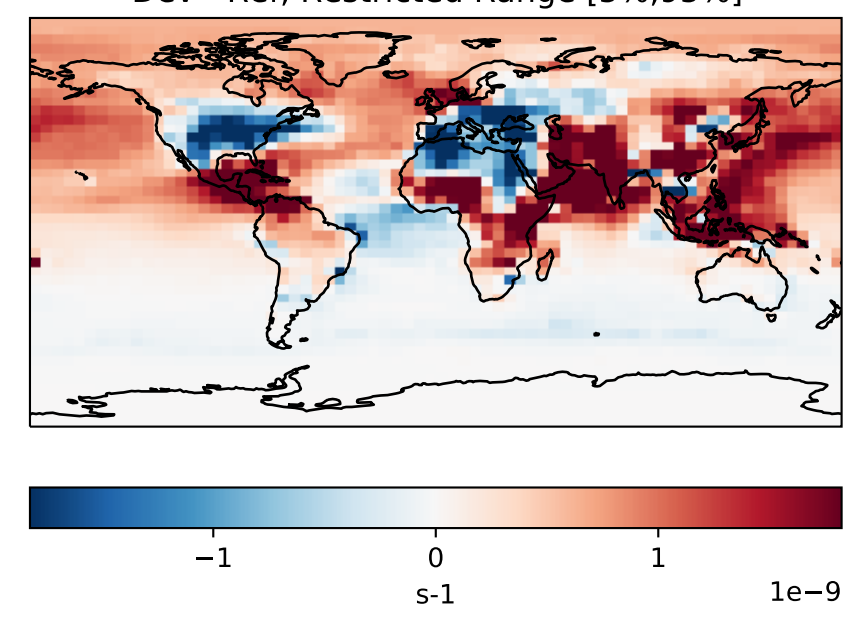
GCC_13.2.0-beta.0 (Dev)
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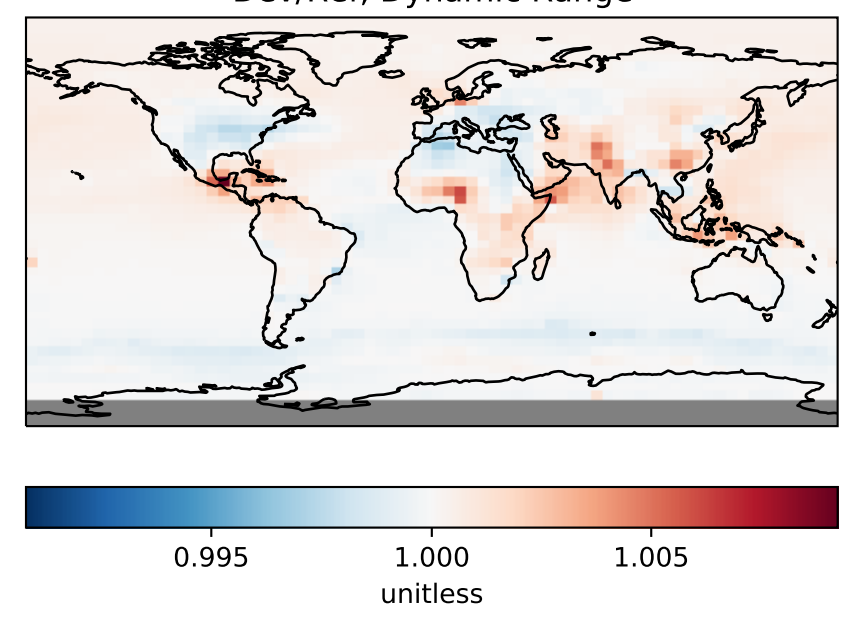
Difference
Dev - Ref, Dynamic Range



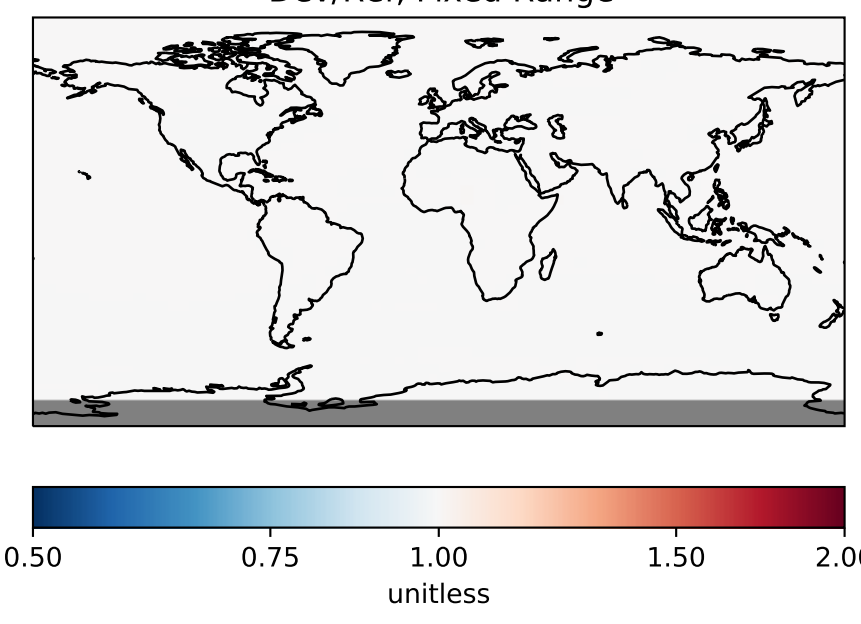
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

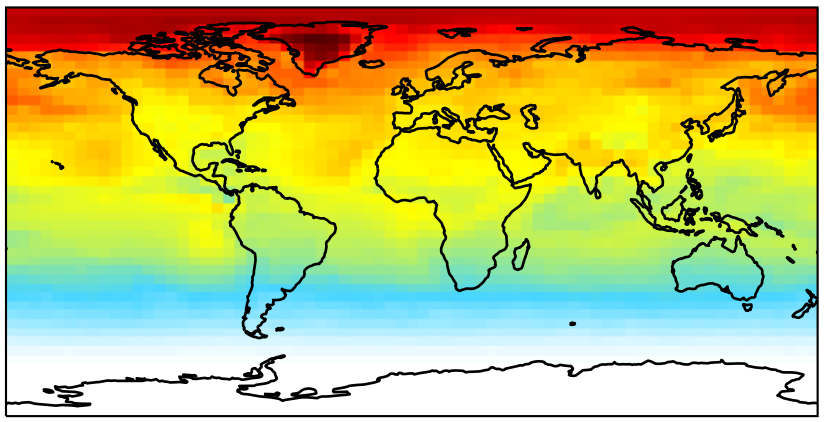


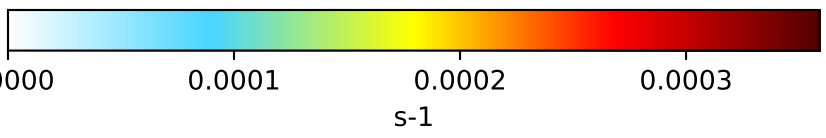
Ratio
Dev/Ref, Fixed Range



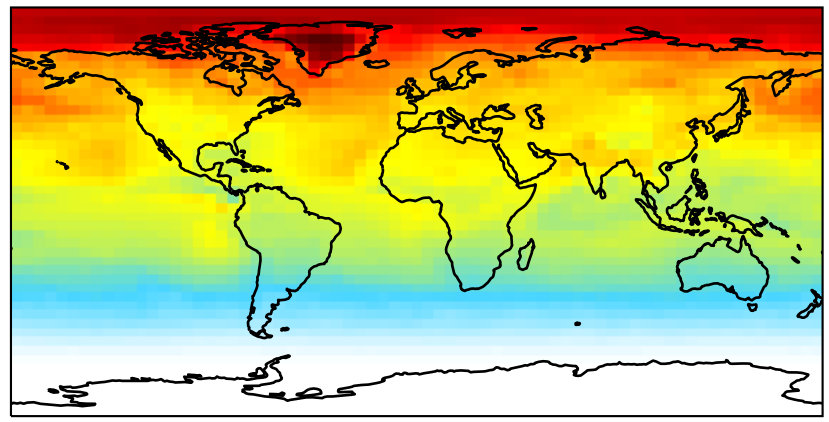
Jval_HPALD1

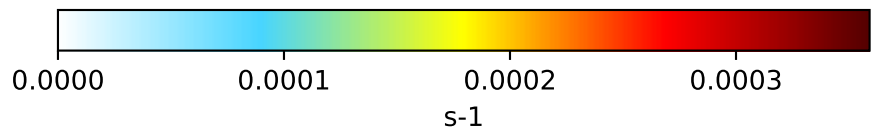
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



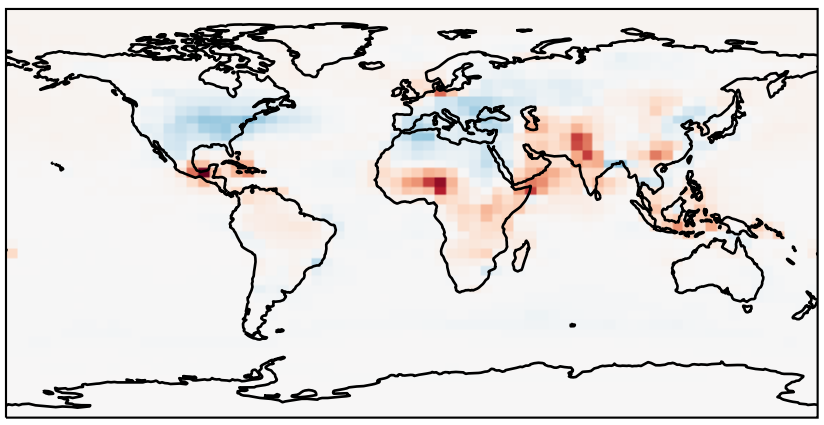


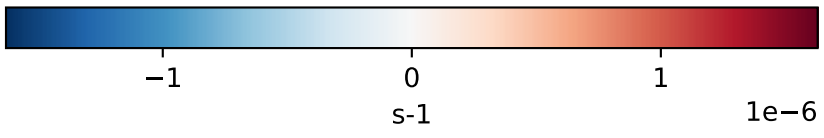
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



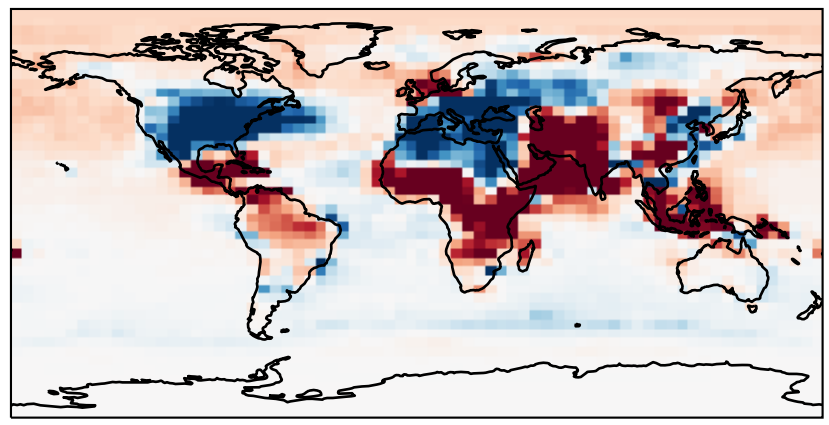


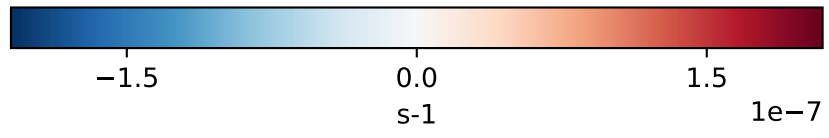
Difference
Dev - Ref, Dynamic Range



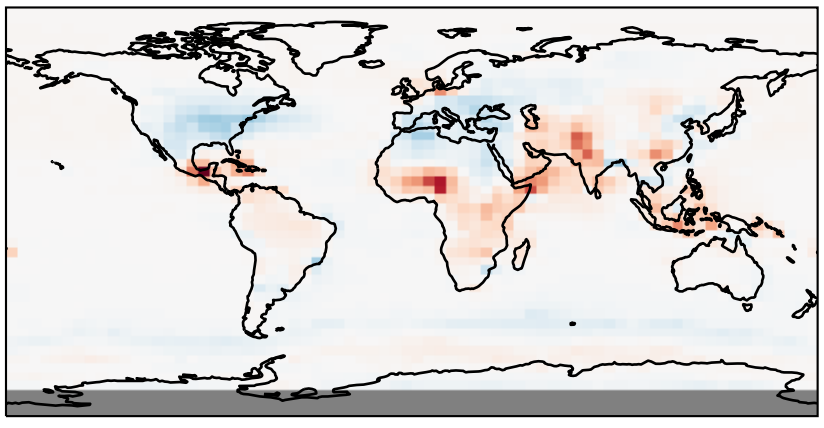


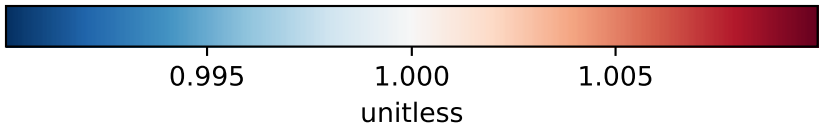
Difference
Dev - Ref, Restricted Range [5%,95%]



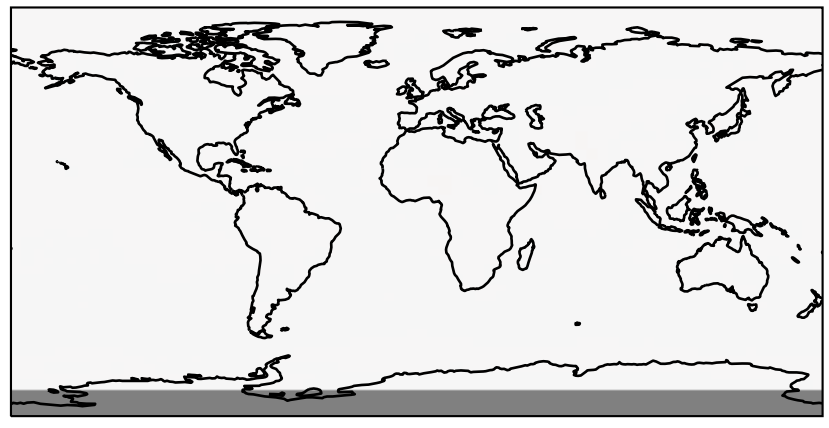


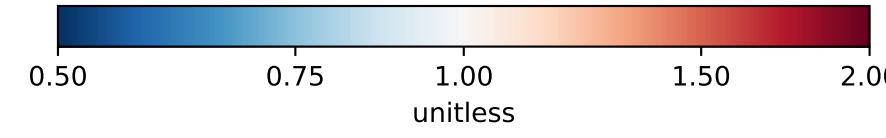
Ratio
Dev/Ref, Dynamic Range





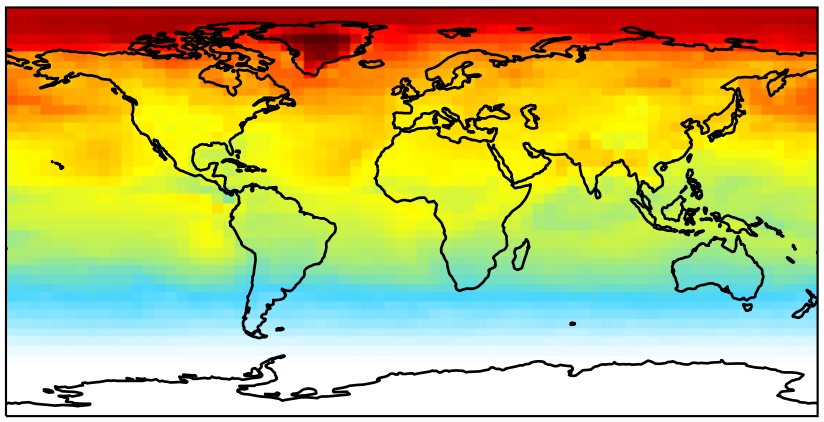
Ratio
Dev/Ref, Fixed Range

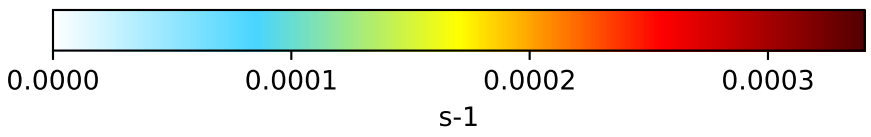




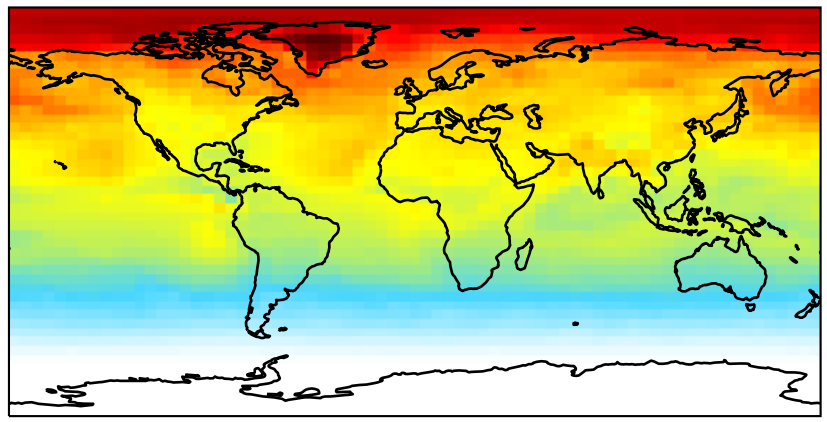
Jval_HPALD2

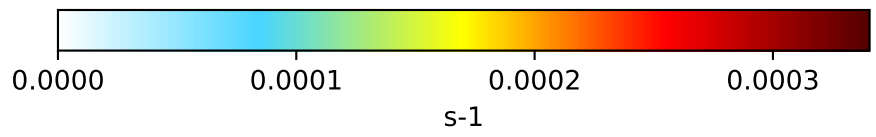
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



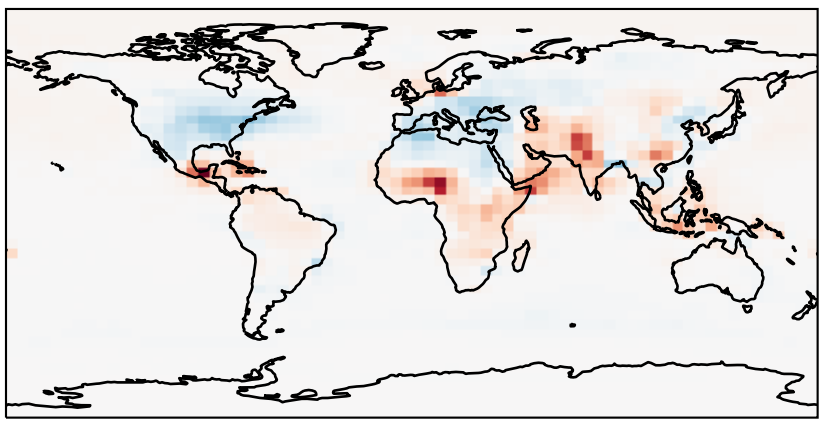


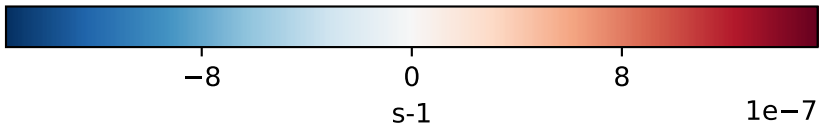
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



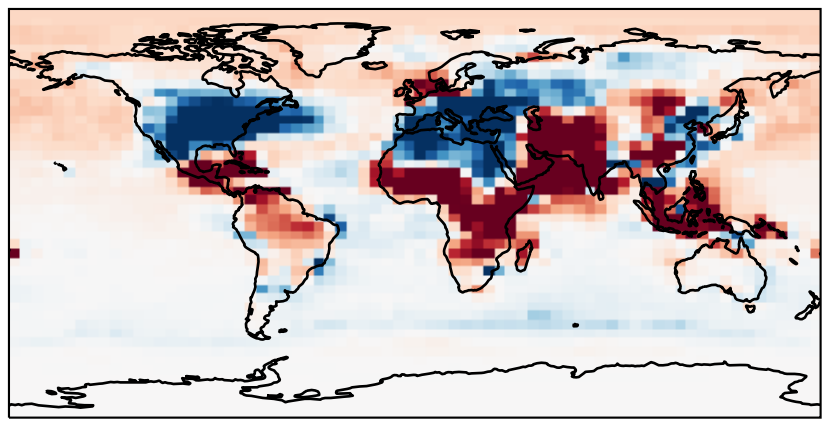


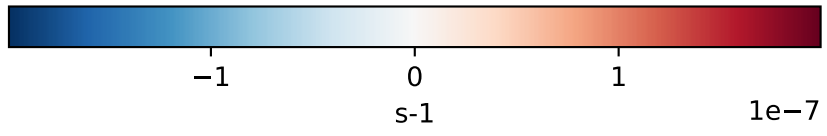
Difference
Dev - Ref, Dynamic Range



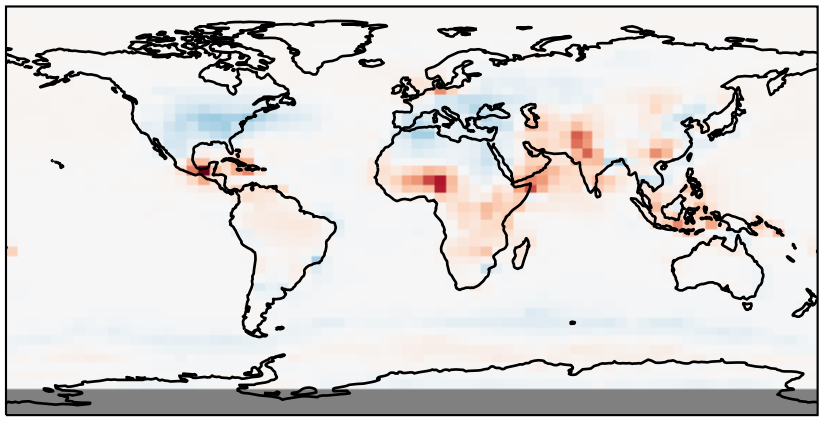


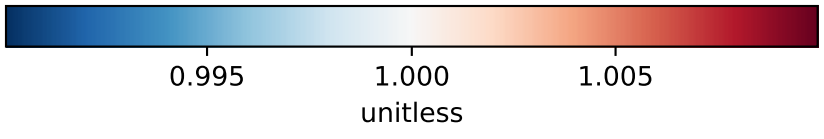
Difference
Dev - Ref, Restricted Range [5%,95%]



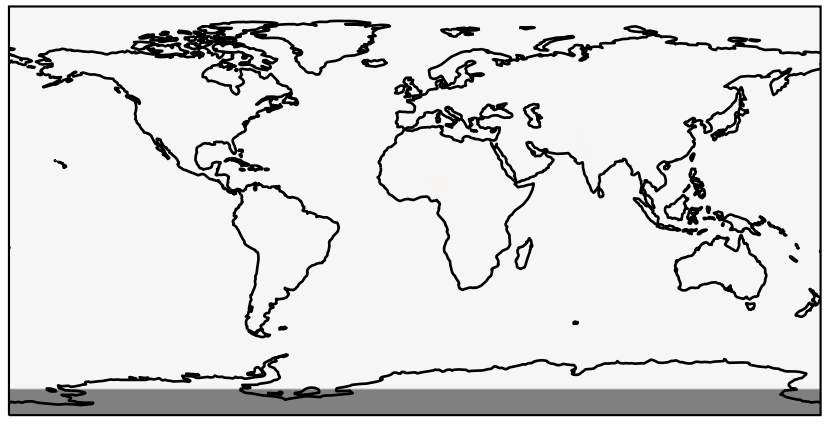


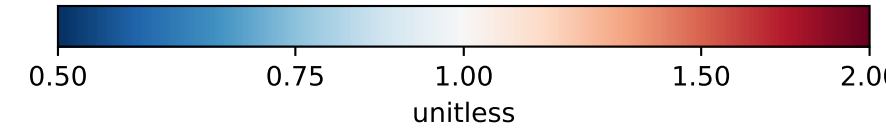
Ratio
Dev/Ref, Dynamic Range





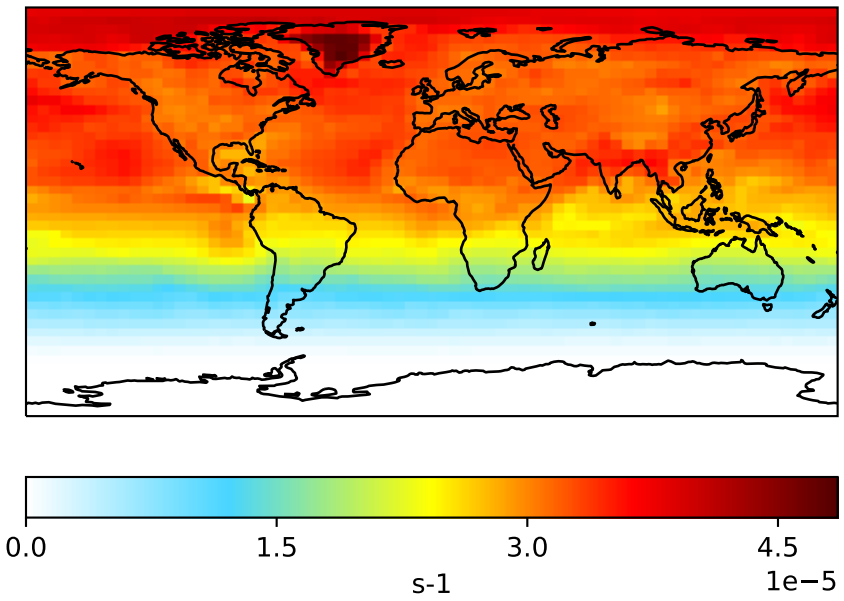
Ratio
Dev/Ref, Fixed Range



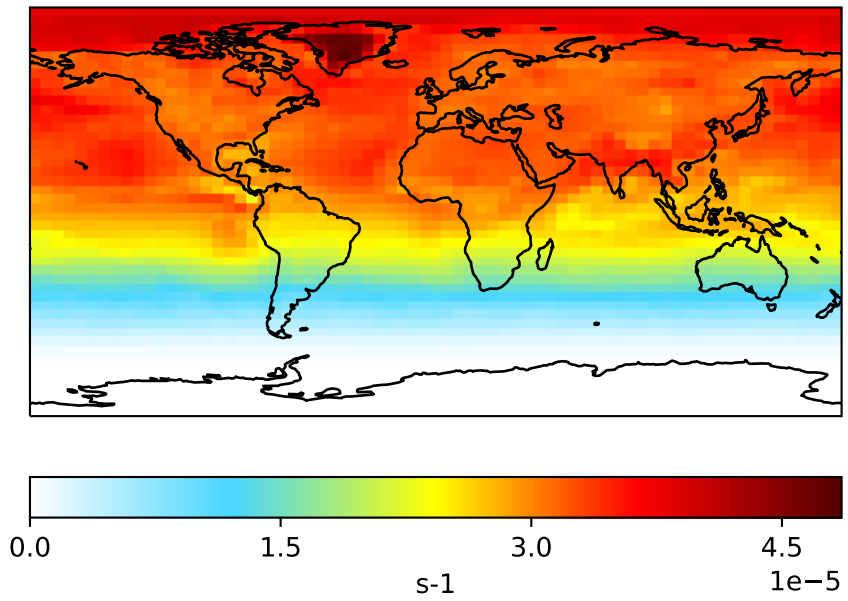


Jval_HPALD3

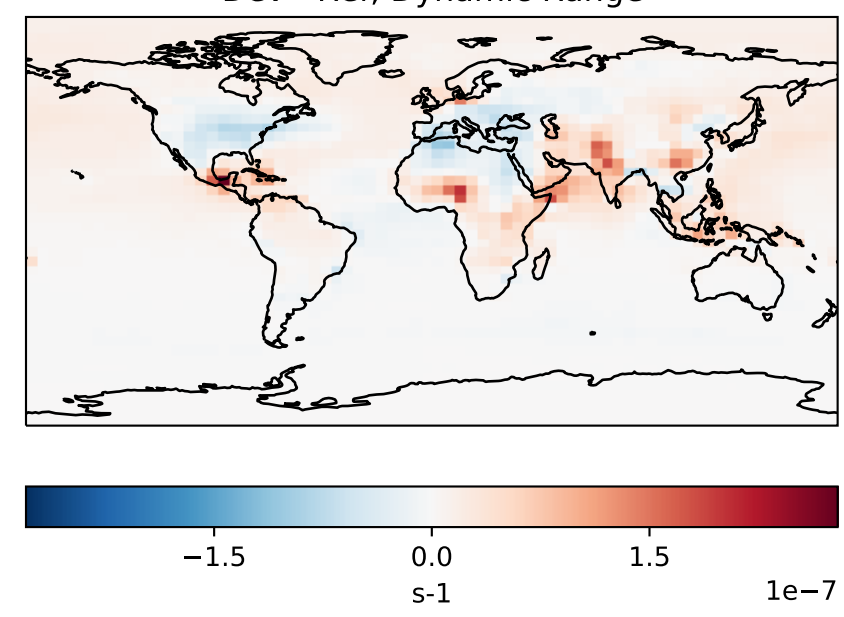
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



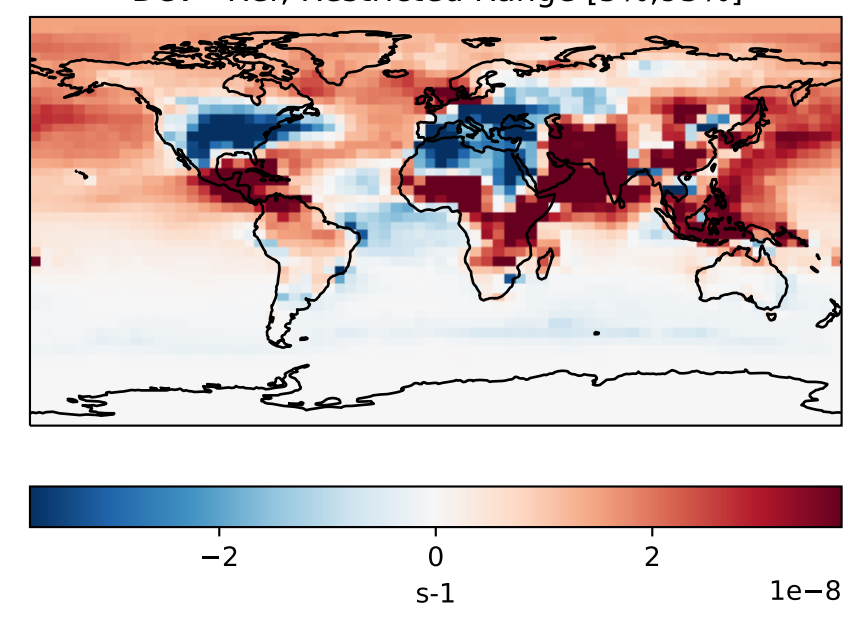
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



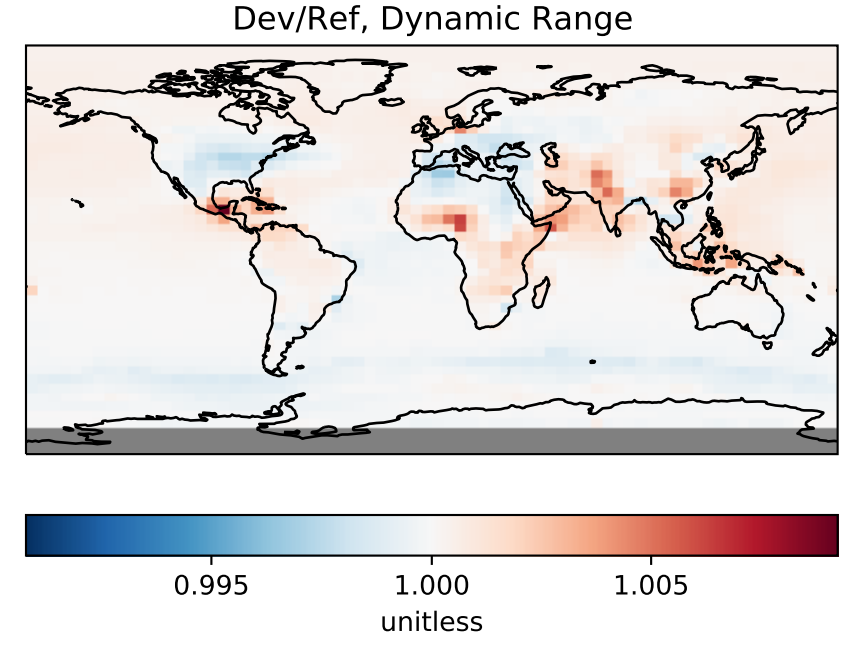
Difference
Dev - Ref, Dynamic Range



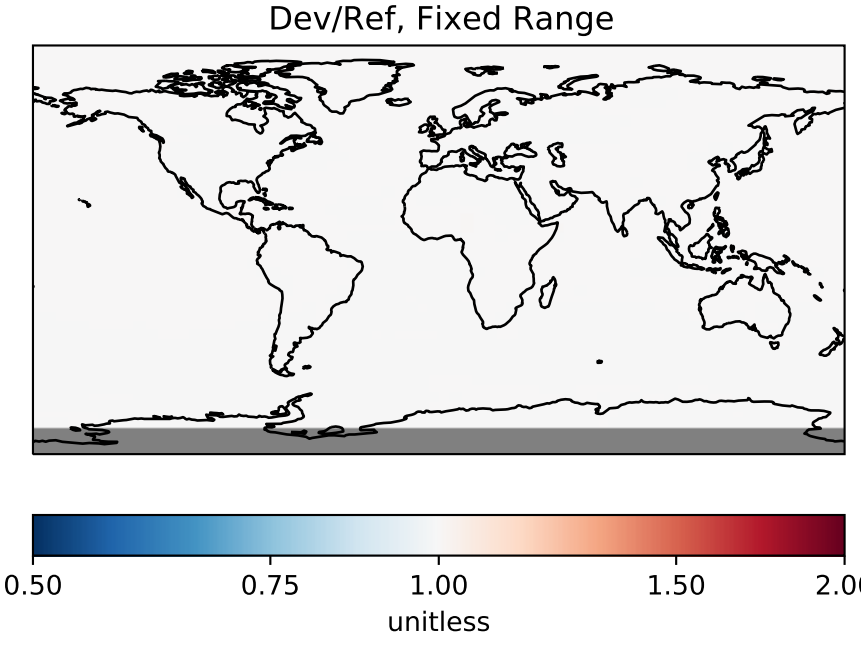
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

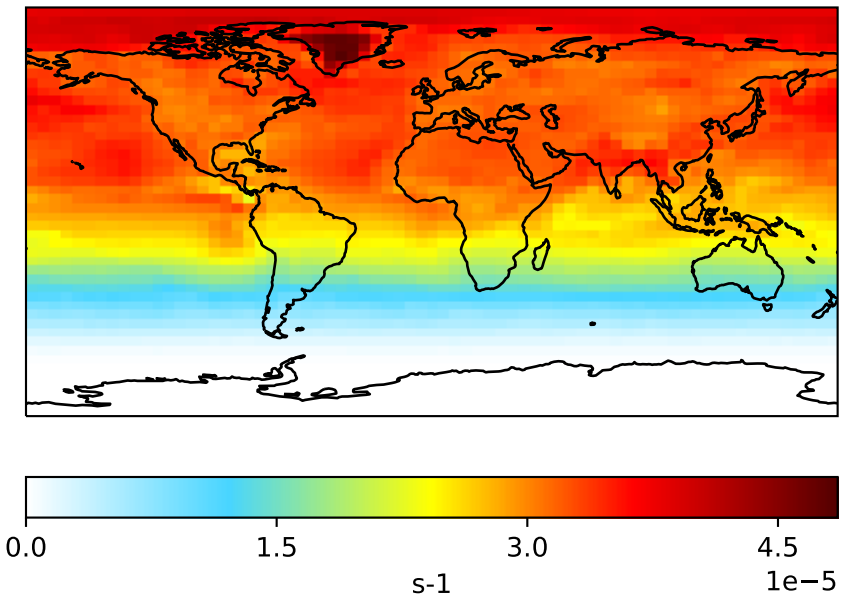


Ratio
Dev/Ref, Fixed Range

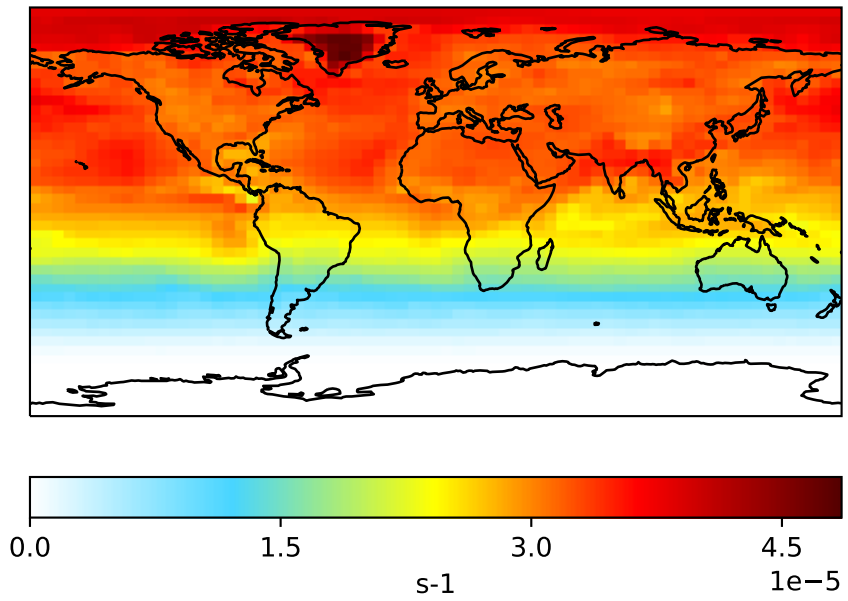


Jval_HPALD4

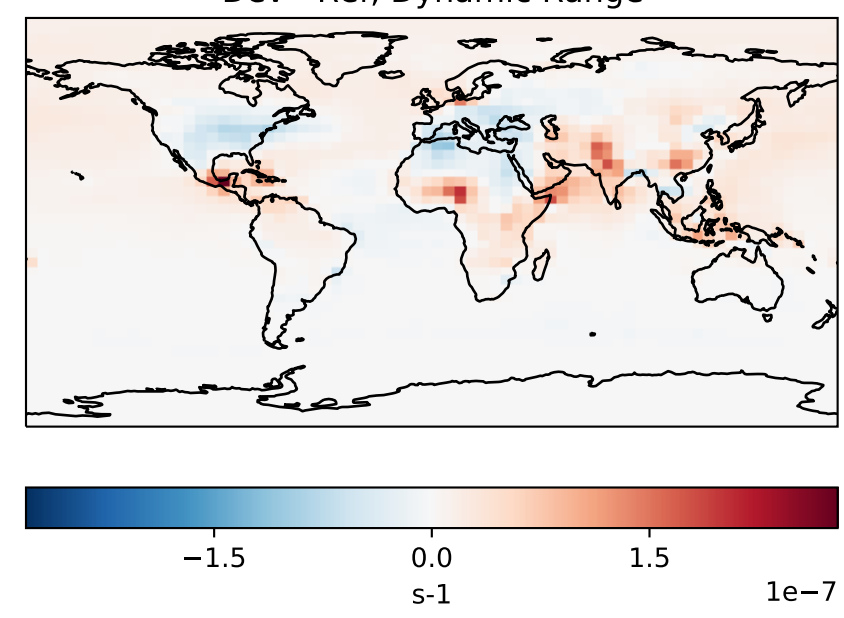
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



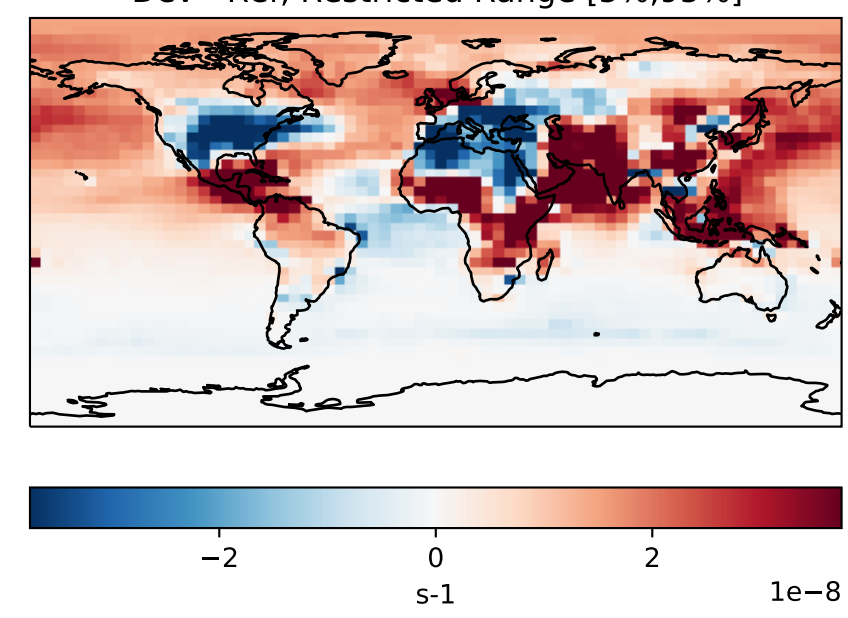
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



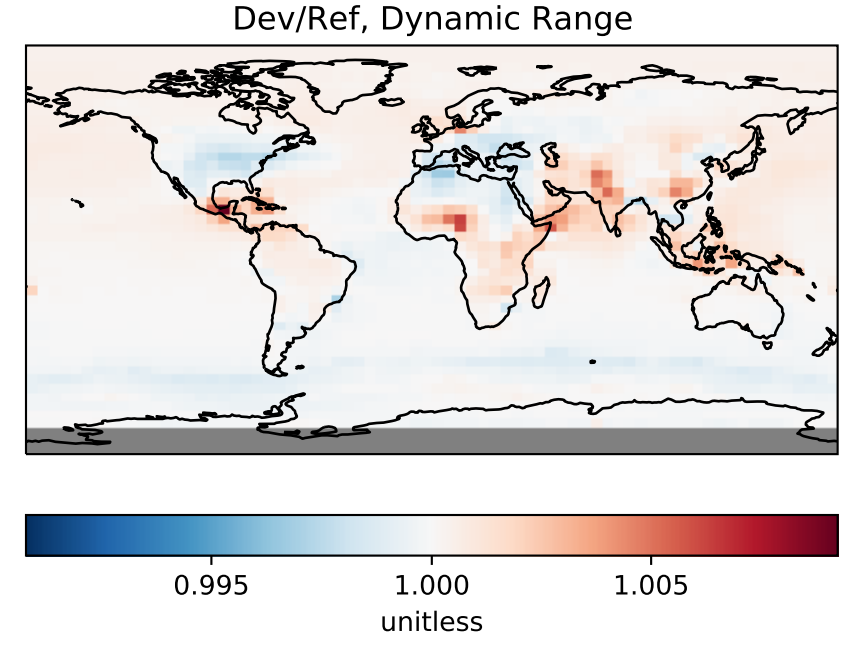
Difference
Dev - Ref, Dynamic Range



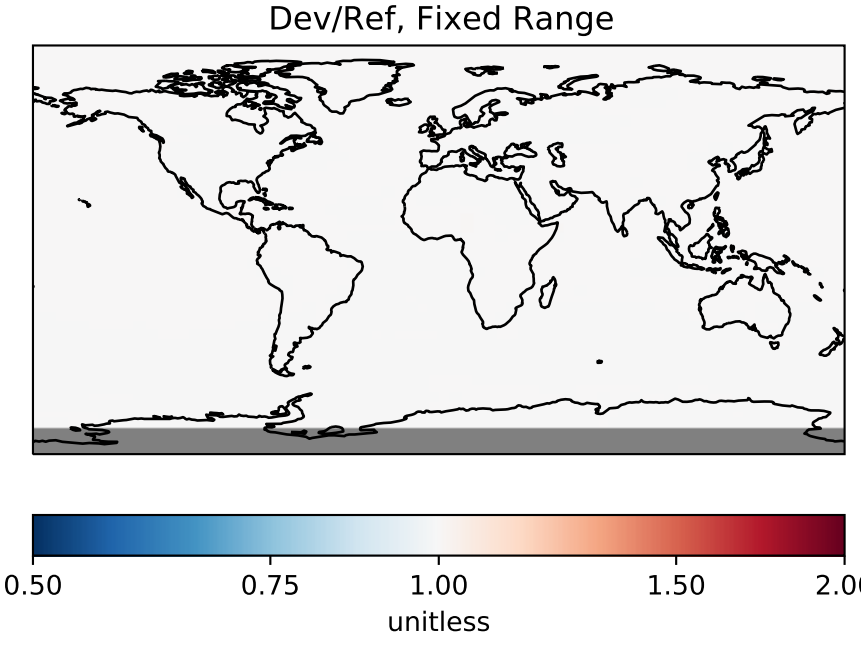
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

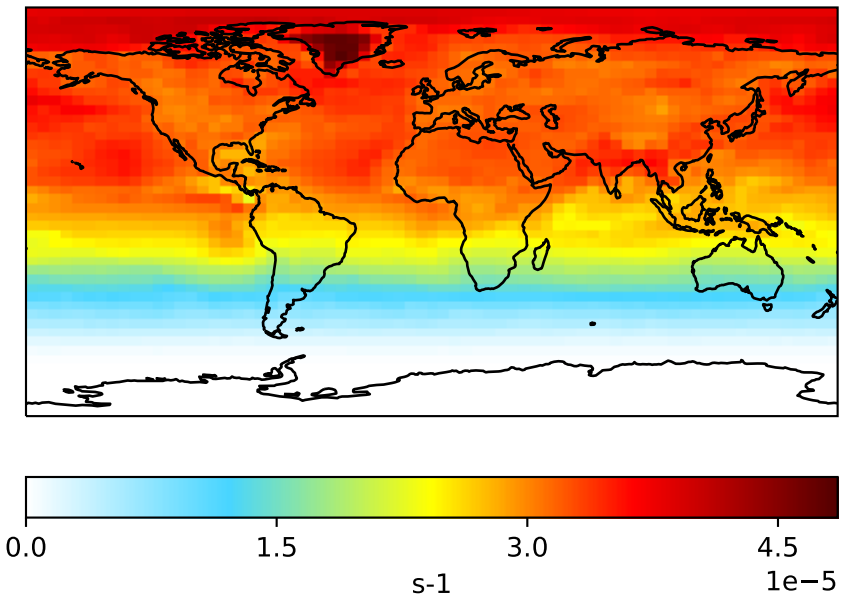


Ratio
Dev/Ref, Fixed Range

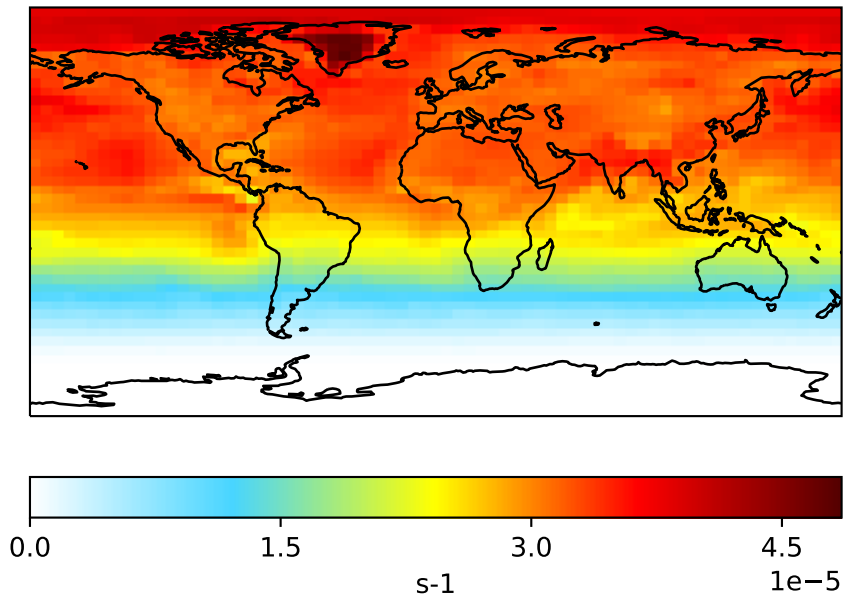


Jval_HPETHNL

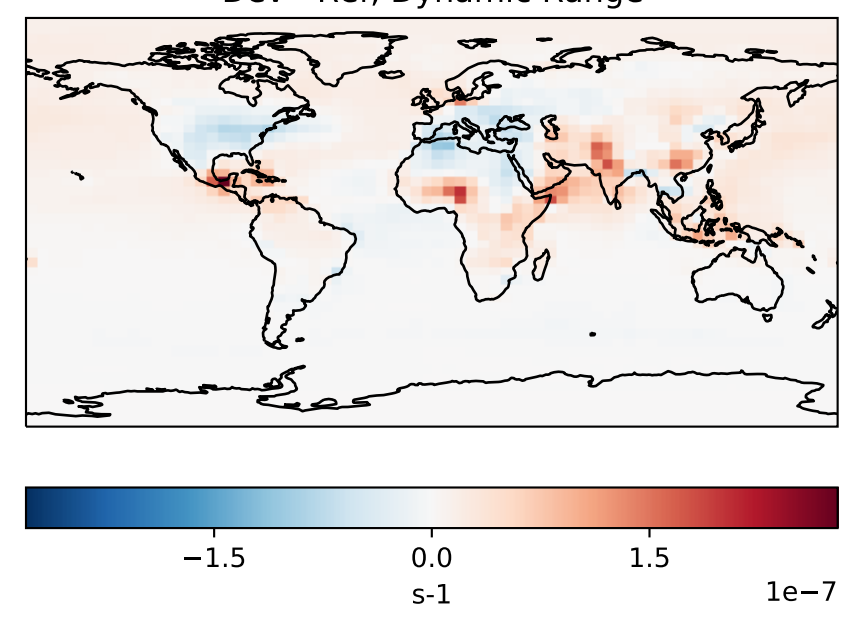
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



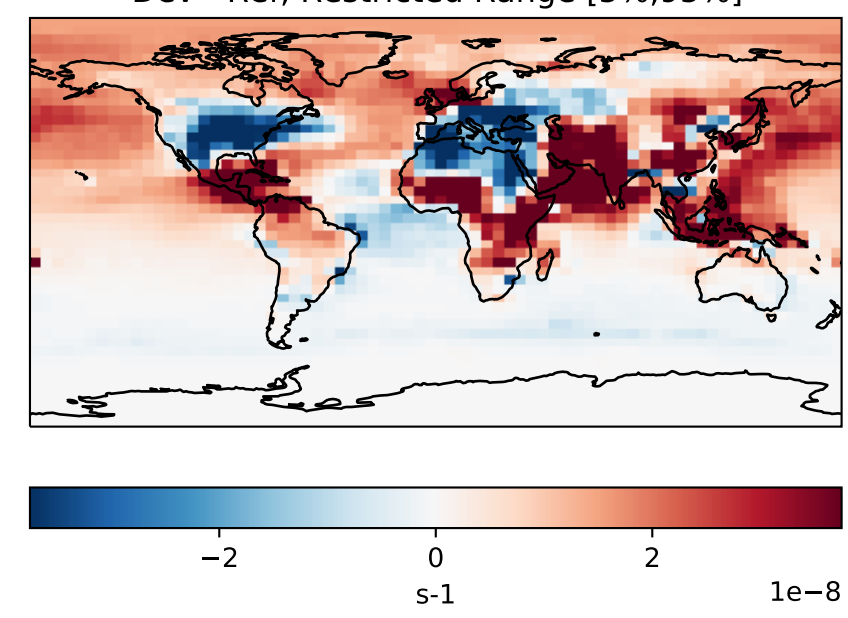
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



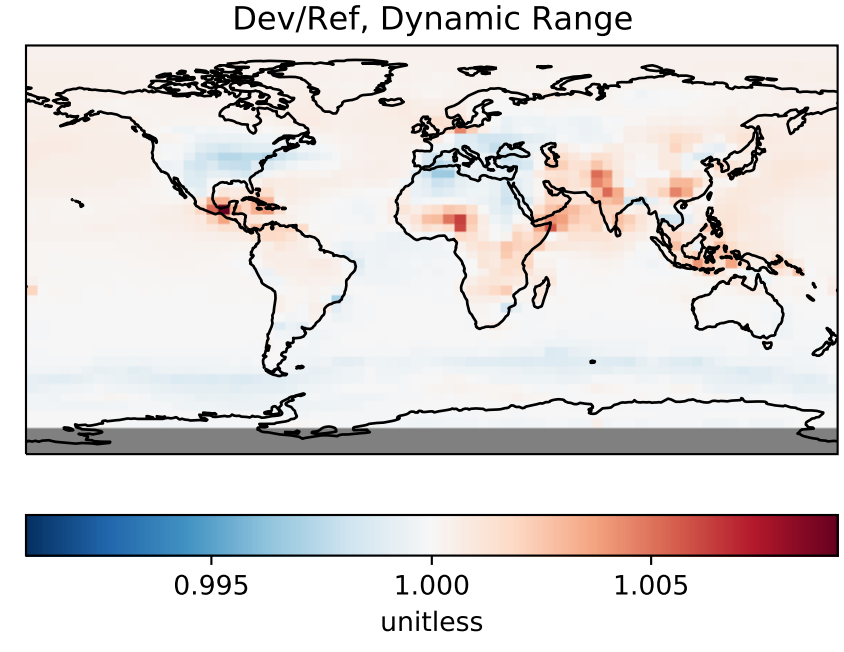
Difference
Dev - Ref, Dynamic Range



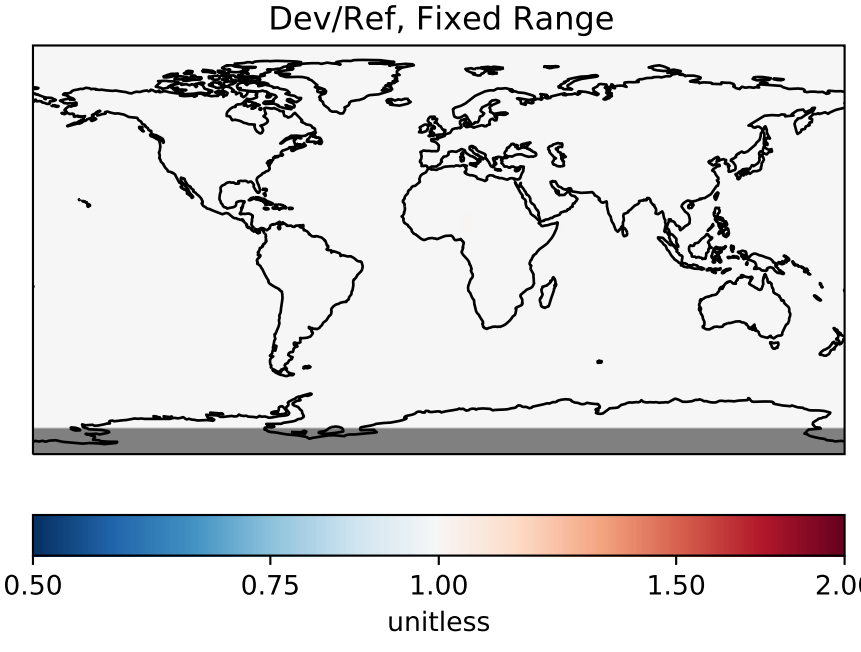
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

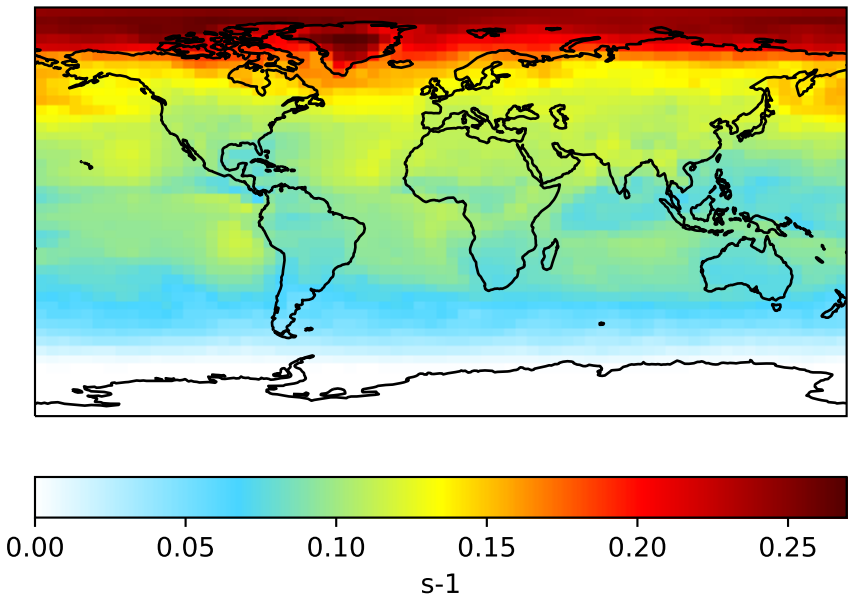


Ratio
Dev/Ref, Fixed Range

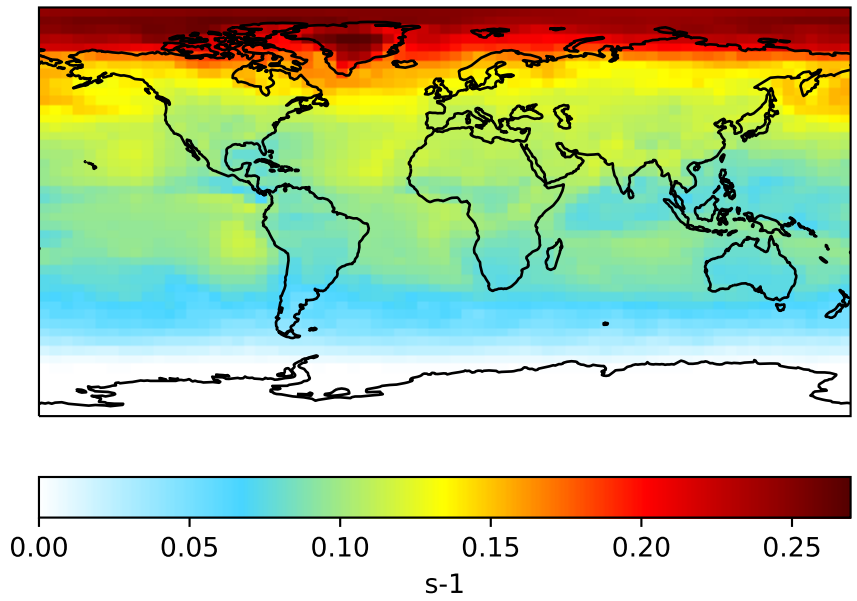


Jval_I2

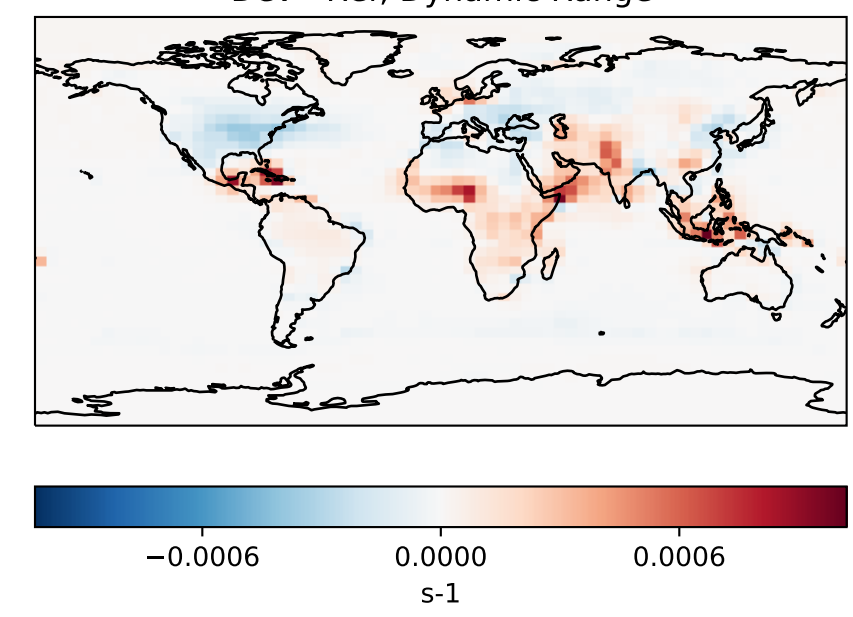
GCC_13.1.0-beta.1 (Ref)
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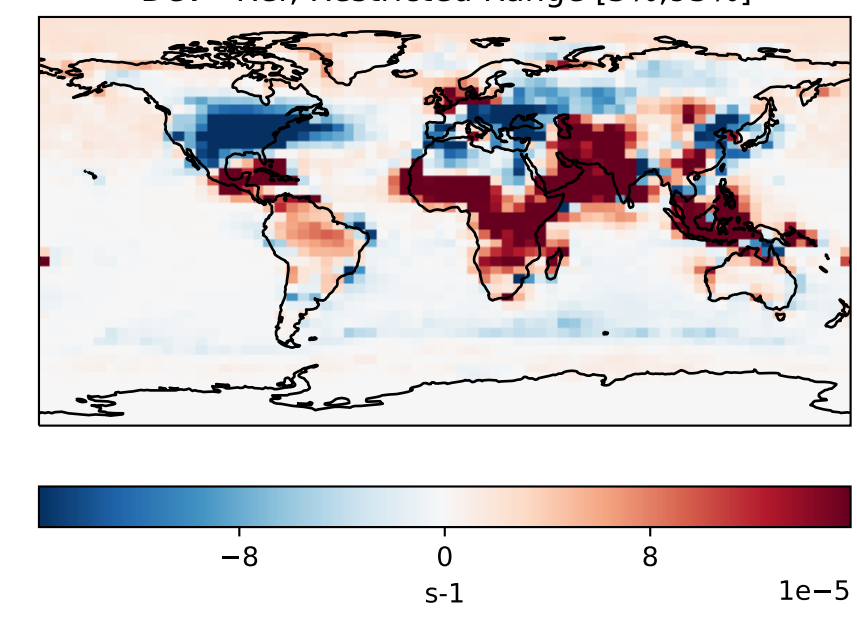
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



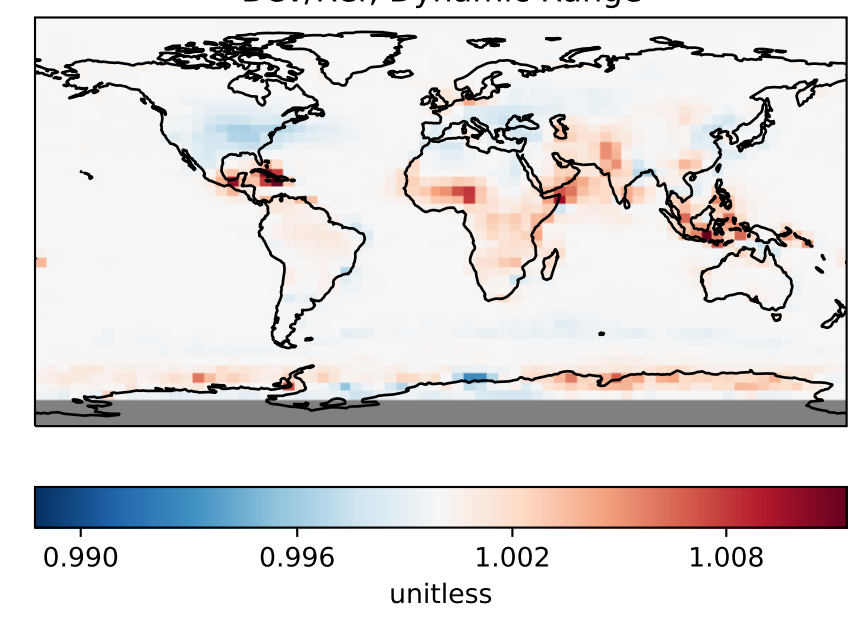
Difference
Dev - Ref, Dynamic Range



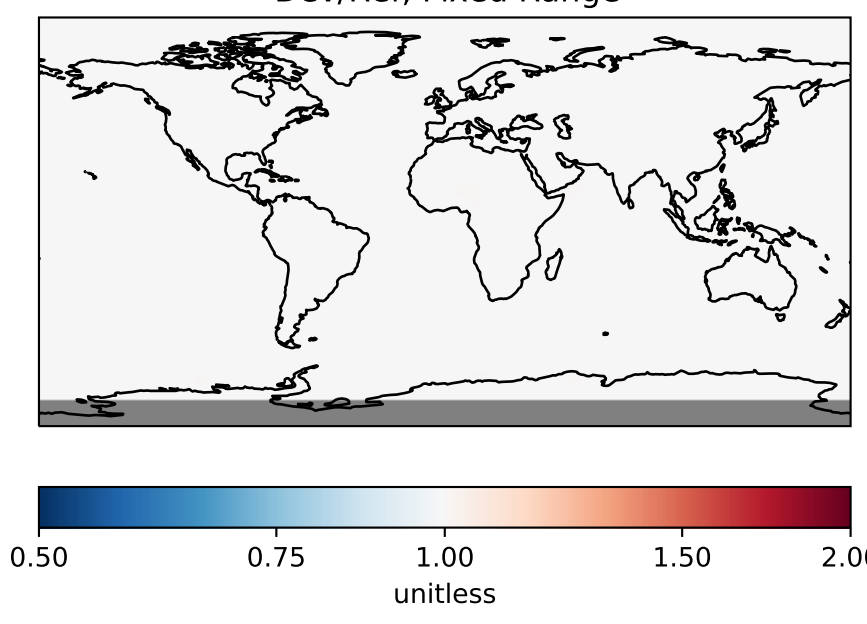
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

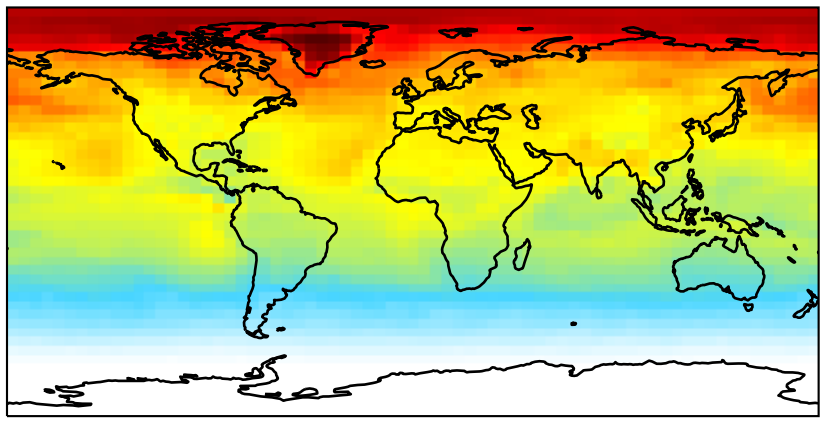


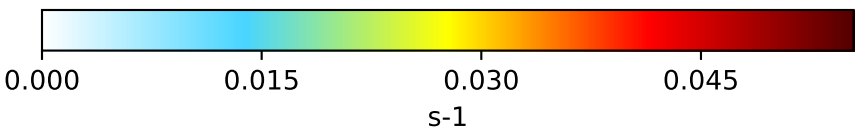
Ratio
Dev/Ref, Fixed Range



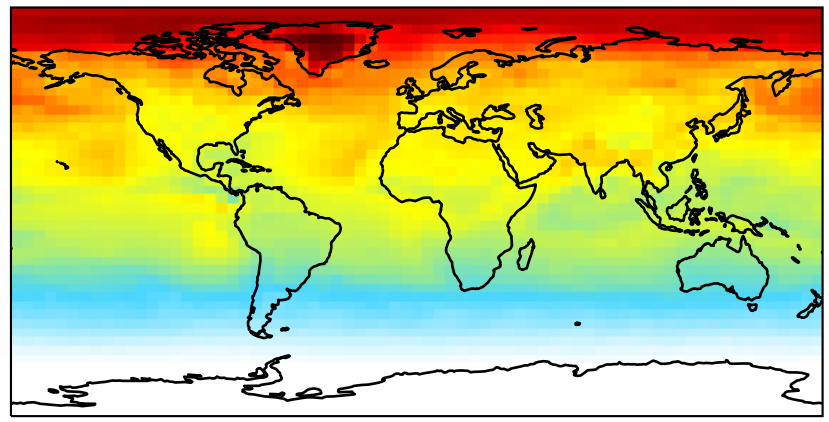
Jval_I2O2

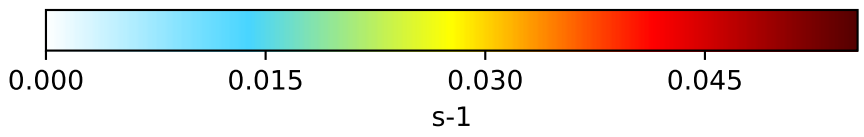
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



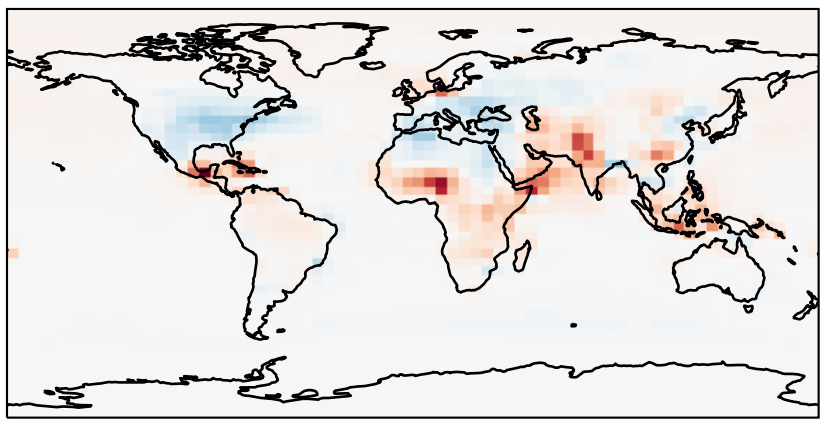


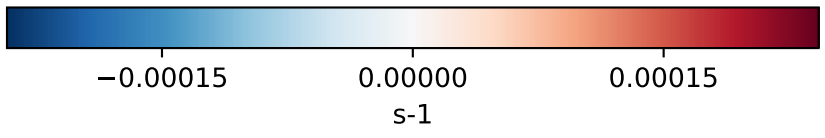
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



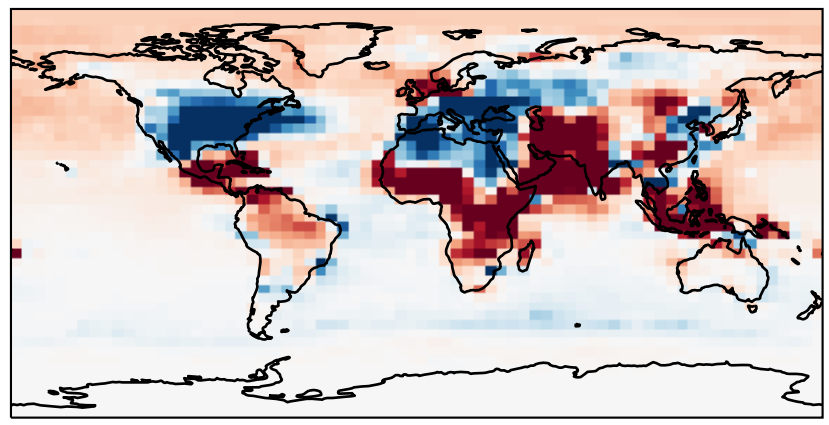


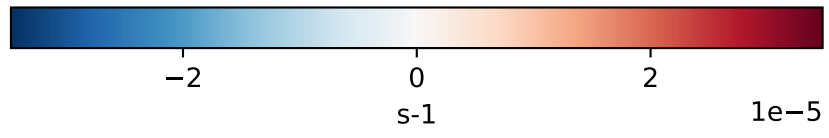
Difference
Dev - Ref, Dynamic Range



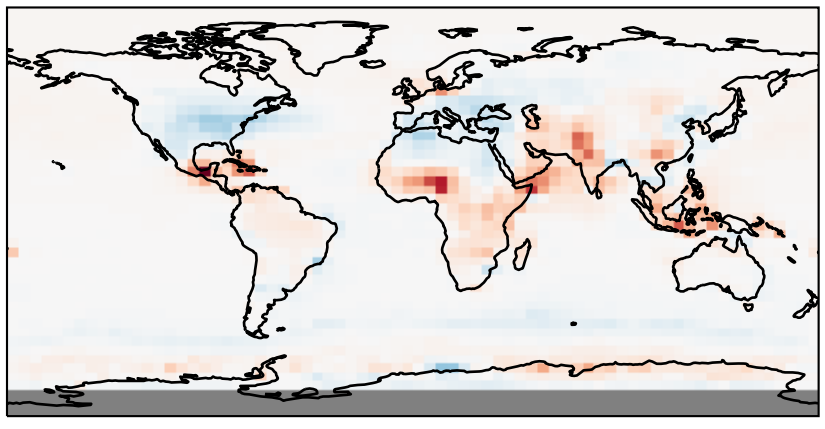


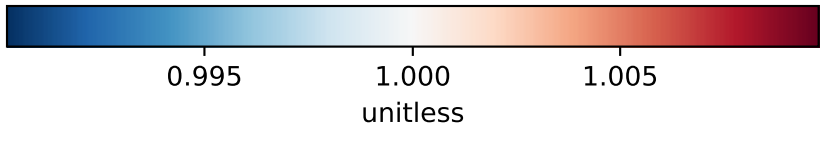
Difference
Dev - Ref, Restricted Range [5%,95%]



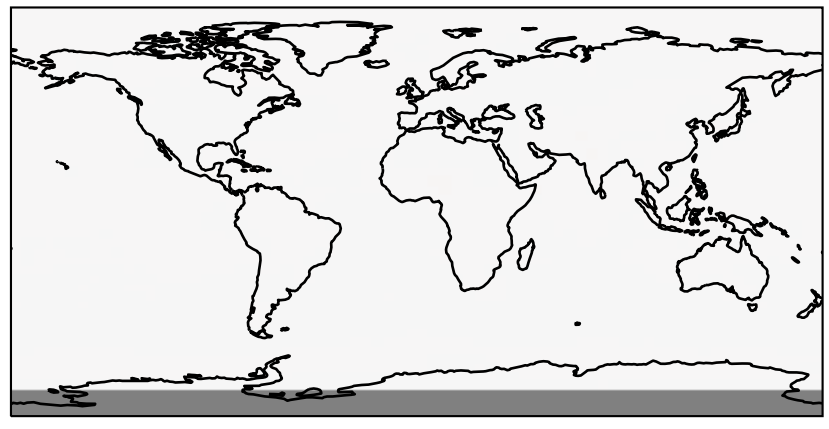


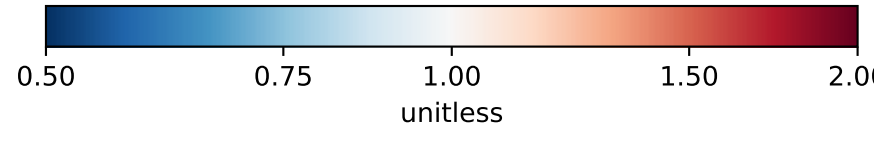
Ratio
Dev/Ref, Dynamic Range





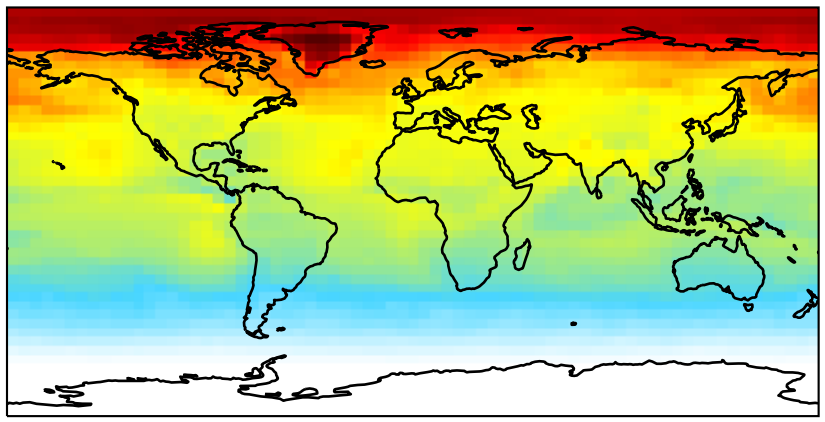
Ratio
Dev/Ref, Fixed Range

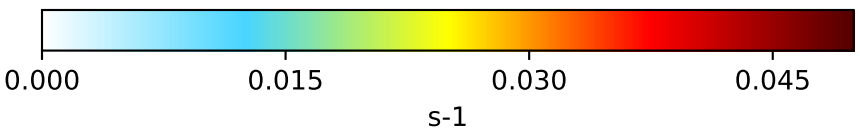




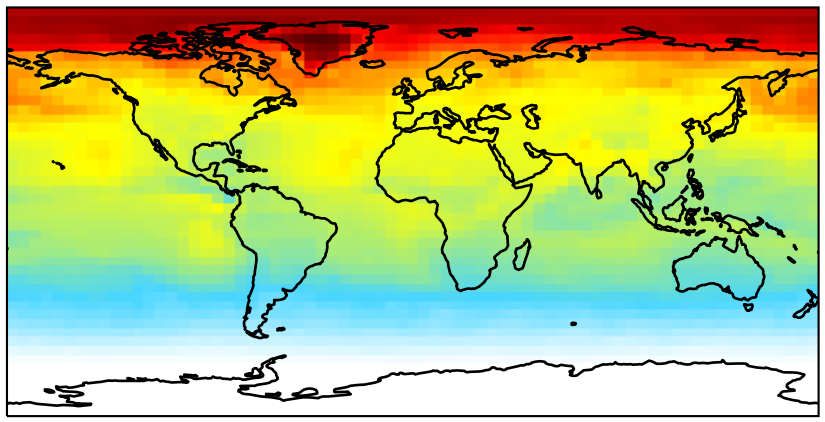
Jval_I2O3

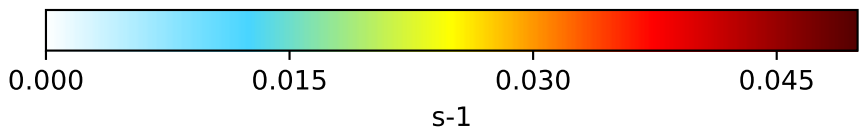
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



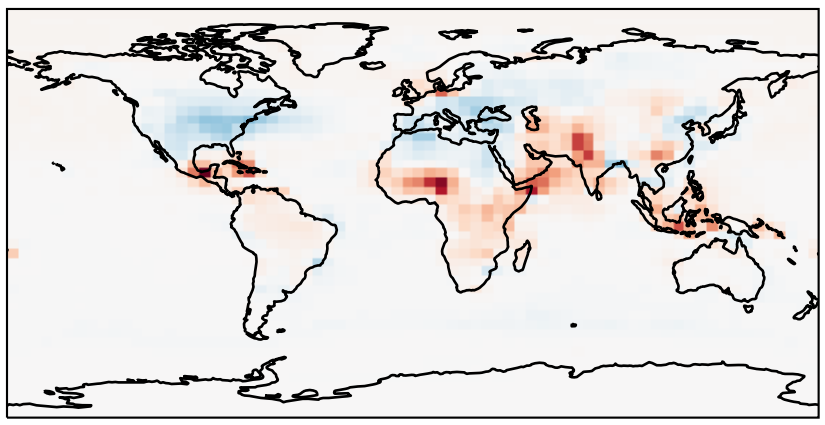


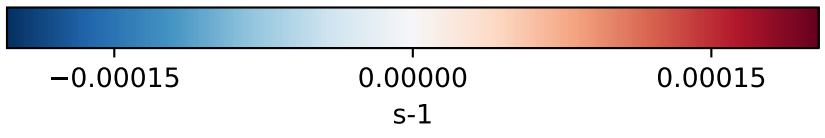
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



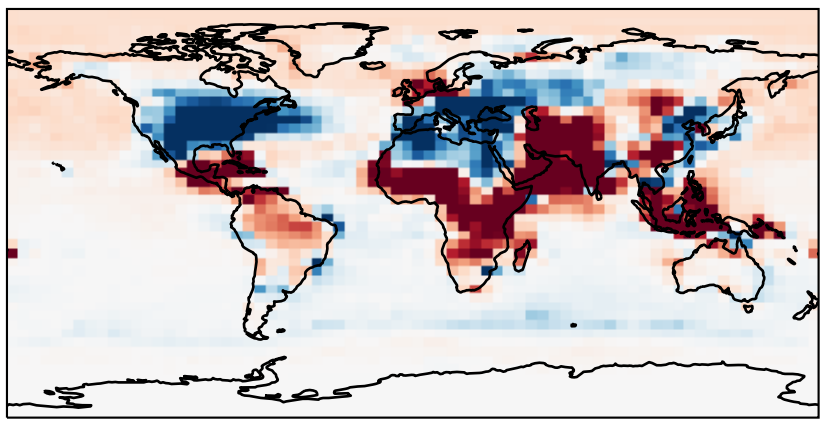


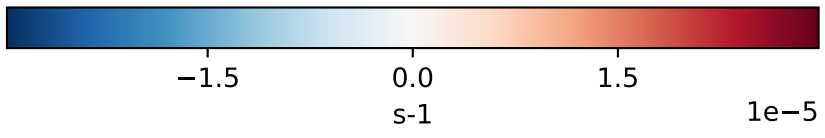
Difference
Dev - Ref, Dynamic Range



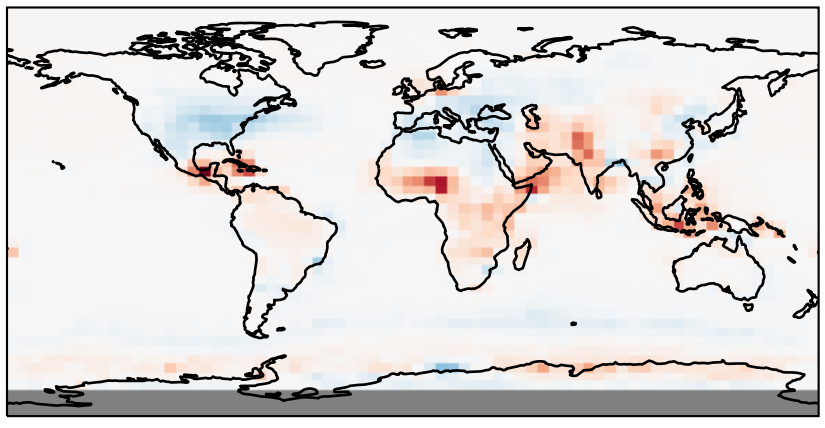


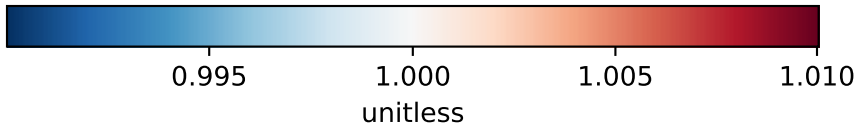
Difference
Dev - Ref, Restricted Range [5%,95%]



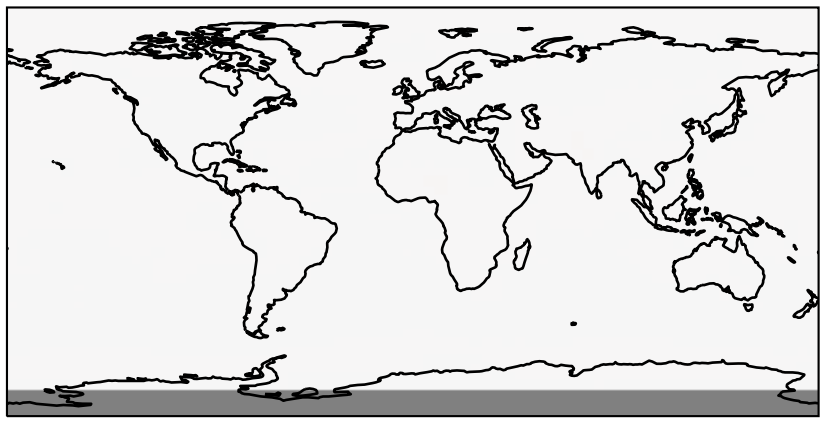


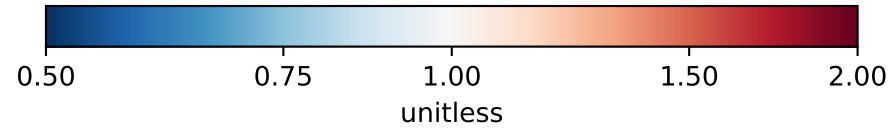
Ratio
Dev/Ref, Dynamic Range





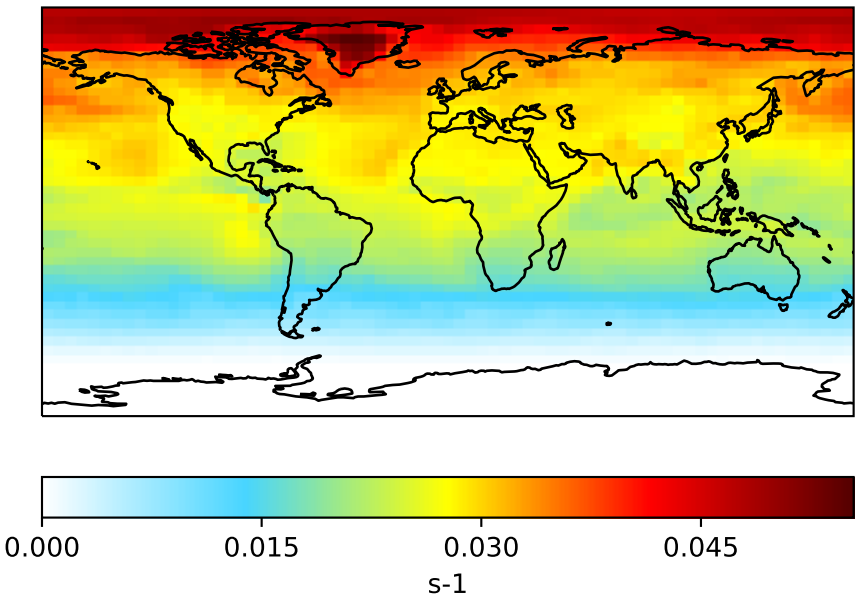
Ratio
Dev/Ref, Fixed Range



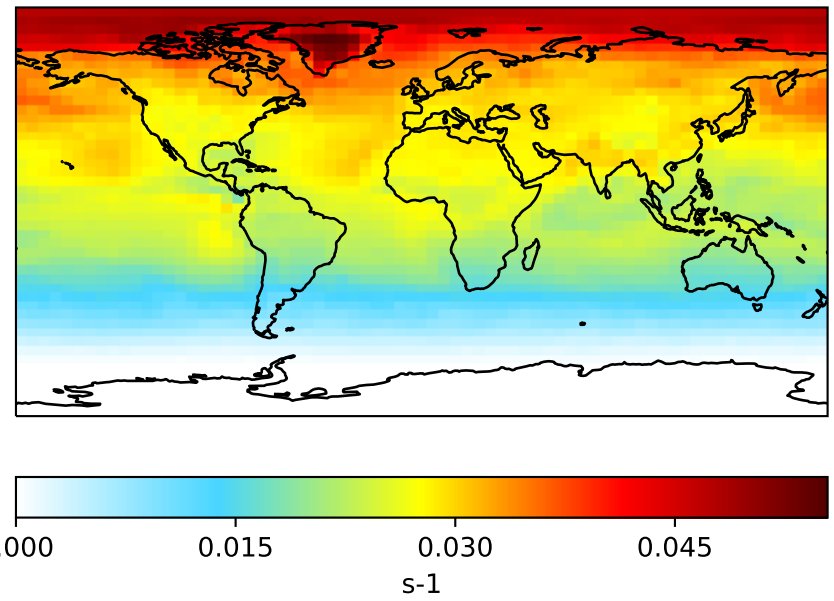


Jval_I2O4

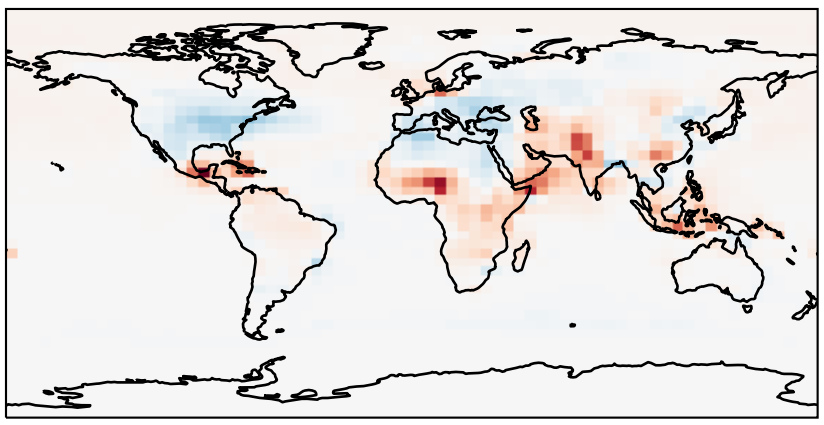
GCC_13.1.0-beta.1 (Ref)
4.0x5.0

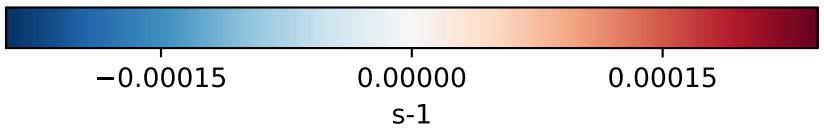


GCC_13.2.0-beta.0 (Dev)
4.0x5.0

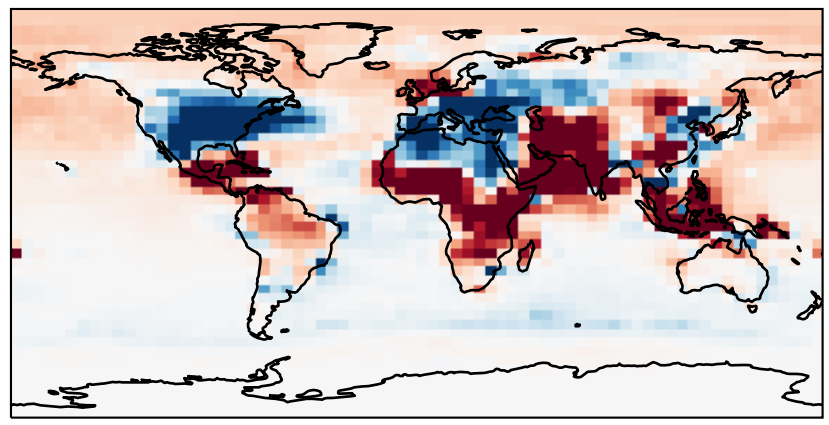


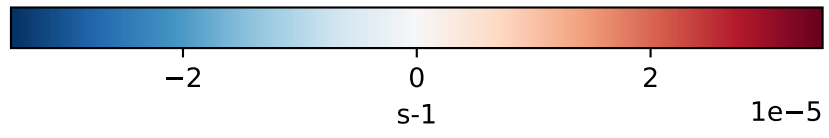
Difference
Dev - Ref, Dynamic Range



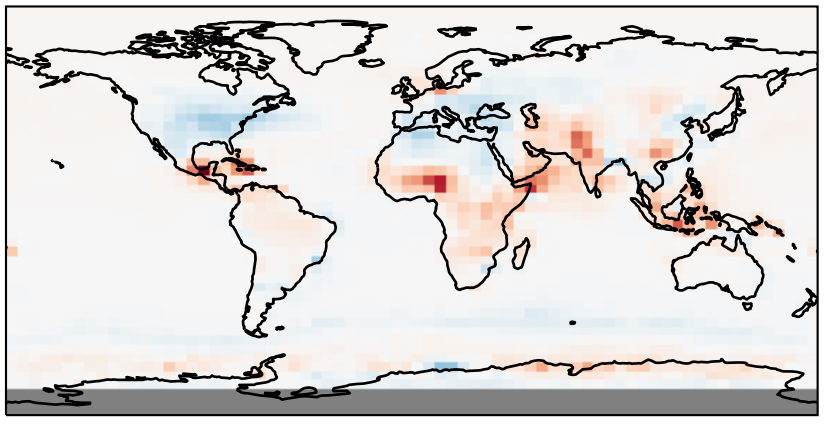


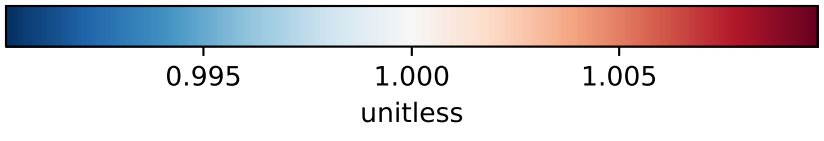
Difference
Dev - Ref, Restricted Range [5%,95%]



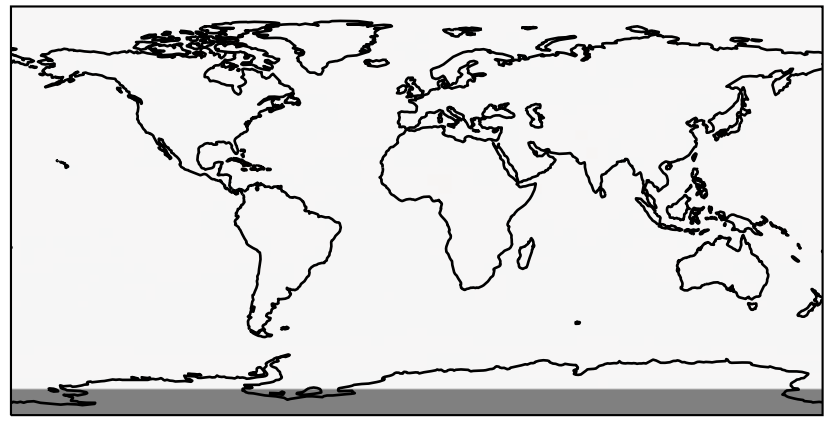


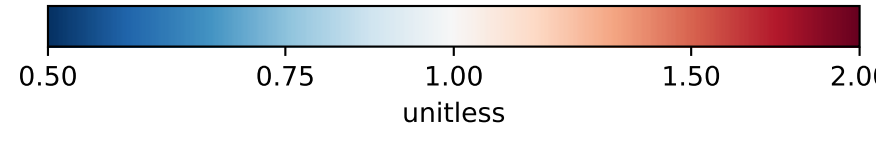
Ratio
Dev/Ref, Dynamic Range





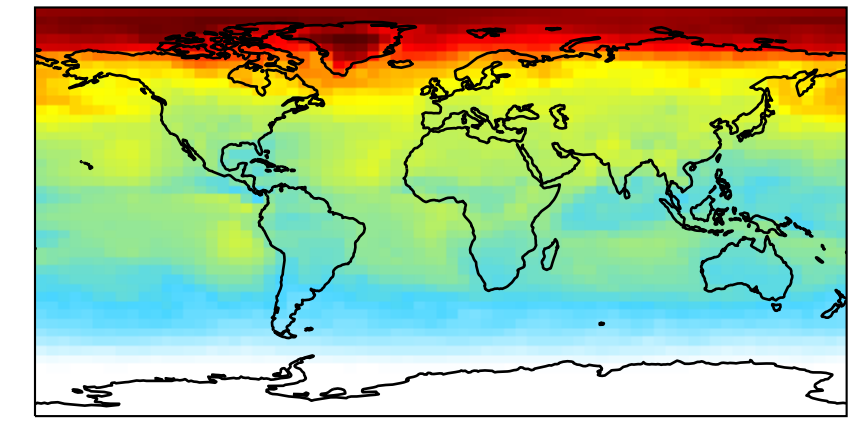
Ratio
Dev/Ref, Fixed Range

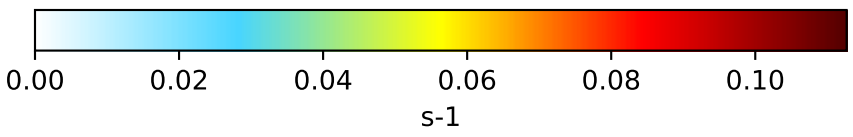




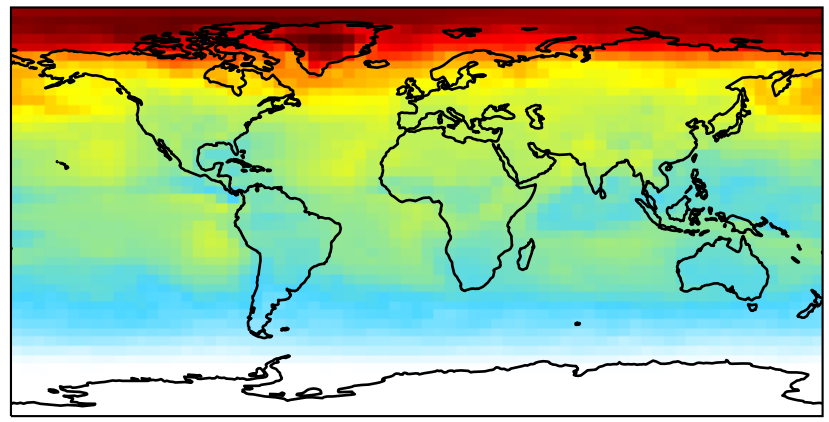
Jval_IBr

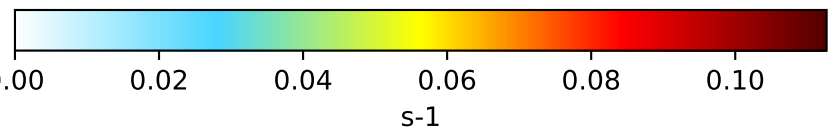
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



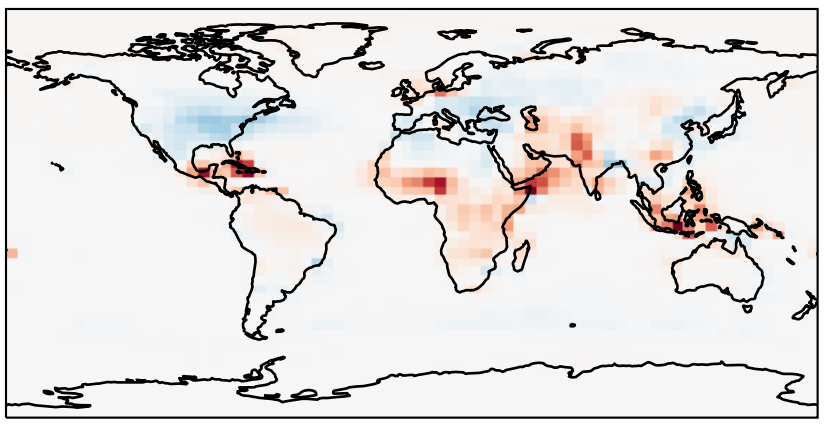


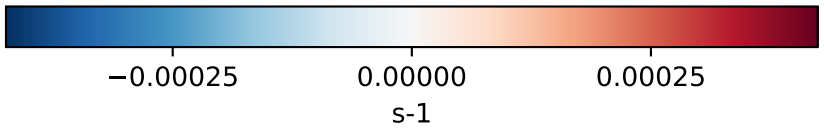
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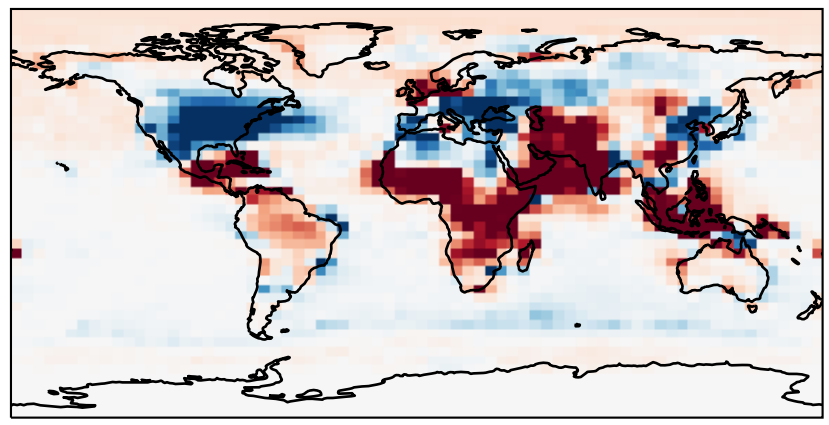


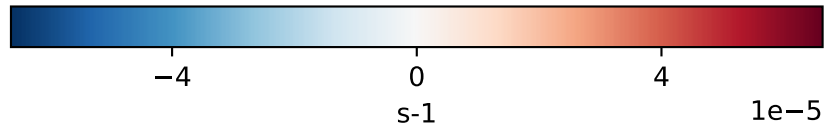
Difference
Dev - Ref, Dynamic Range



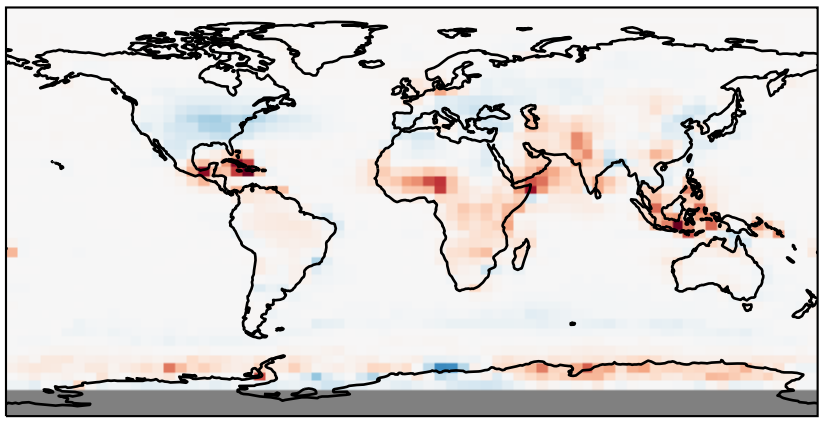


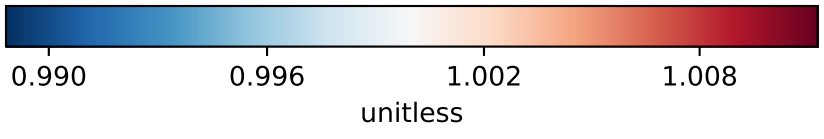
Difference
Dev - Ref, Restricted Range [5%,95%]



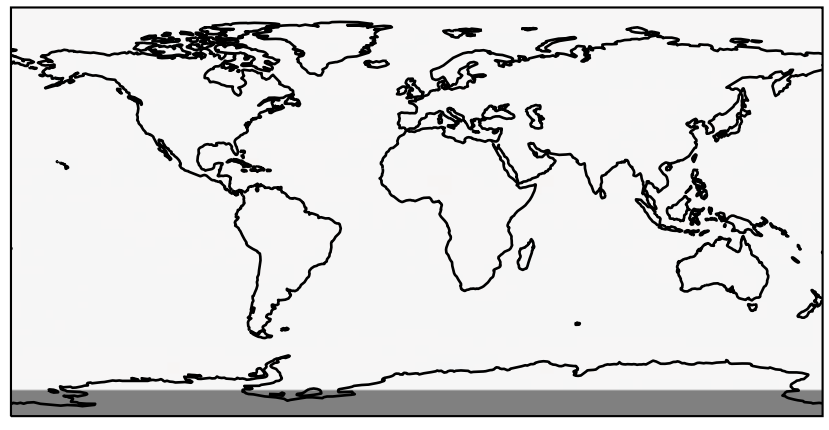


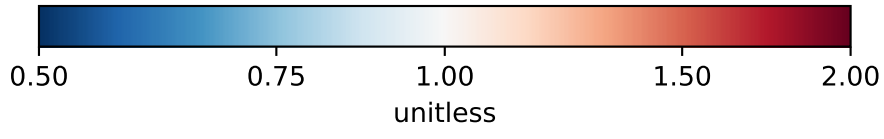
Ratio
Dev/Ref, Dynamic Range





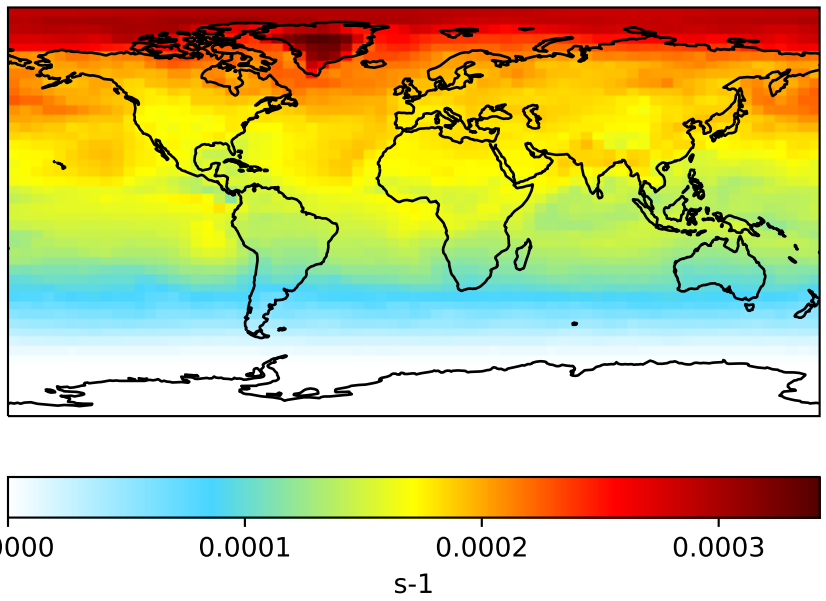
Ratio
Dev/Ref, Fixed Range



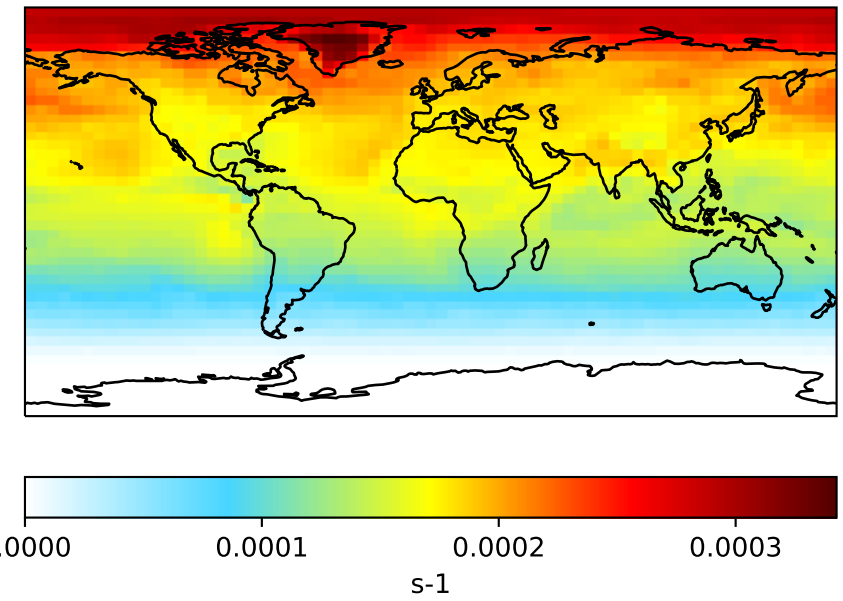


Jval_ICN

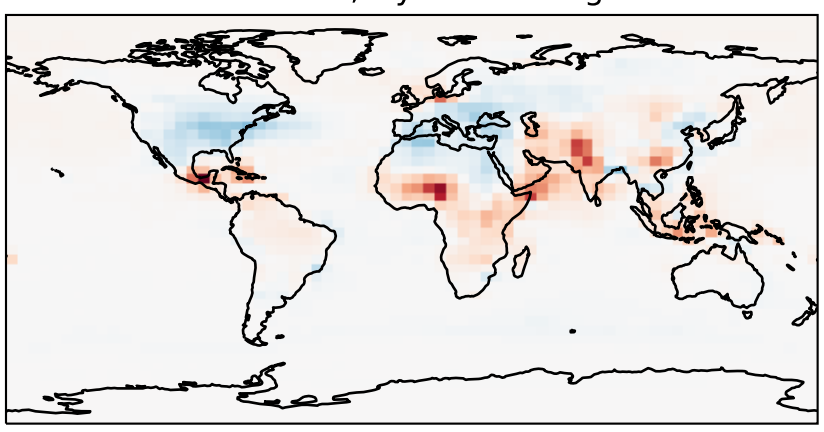
GCC_13.1.0-beta.1 (Ref)
4.0x5.0

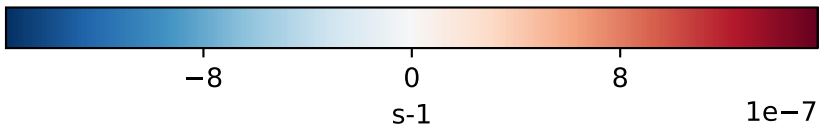


GCC_13.2.0-beta.0 (Dev)
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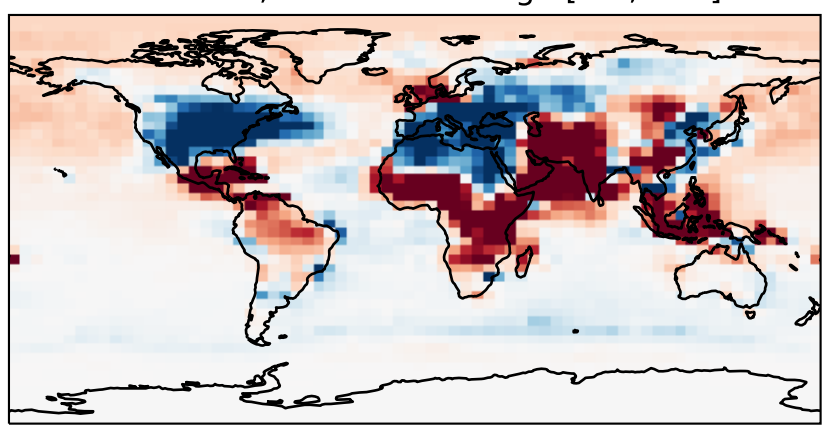


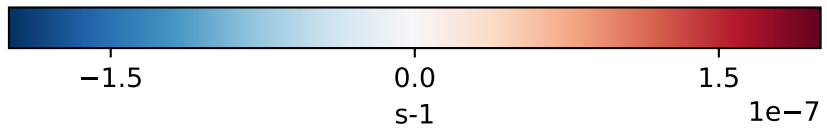
Difference
Dev - Ref, Dynamic Range



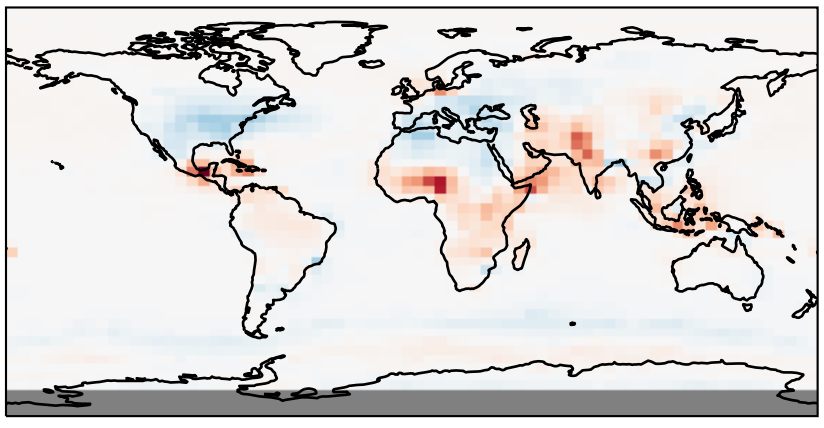


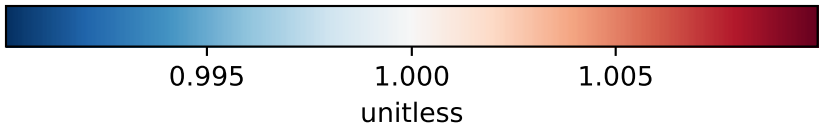
Difference
Dev - Ref, Restricted Range [5%,95%]



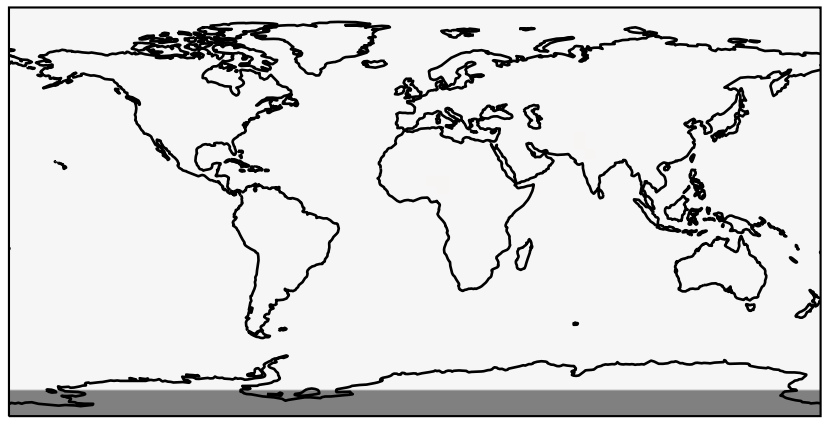


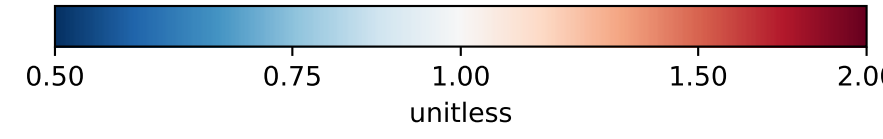
Ratio
Dev/Ref, Dynamic Range





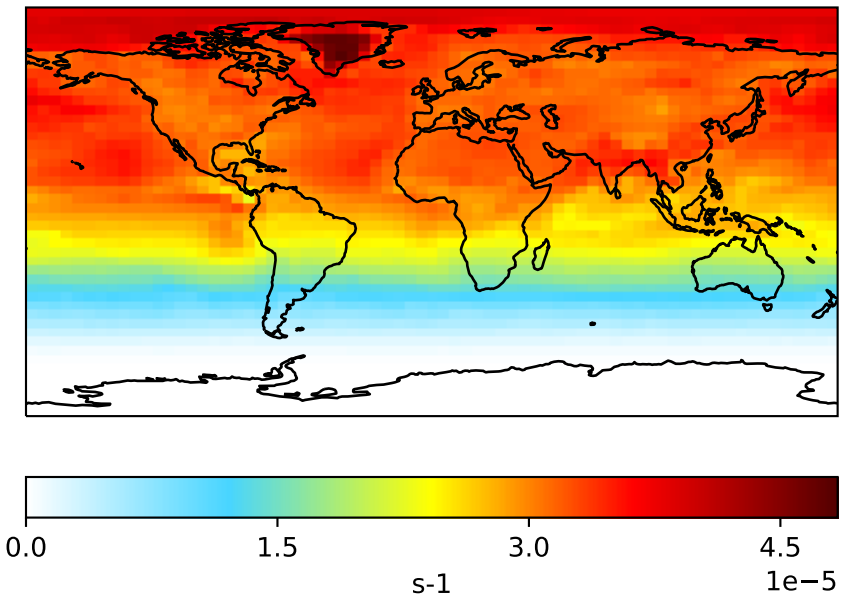
Ratio
Dev/Ref, Fixed Range



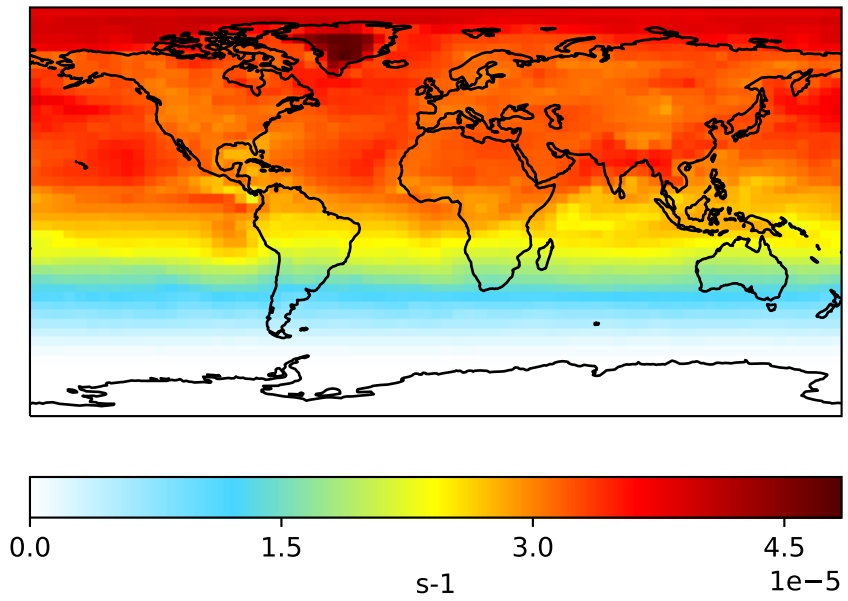


Jval_ICPDH

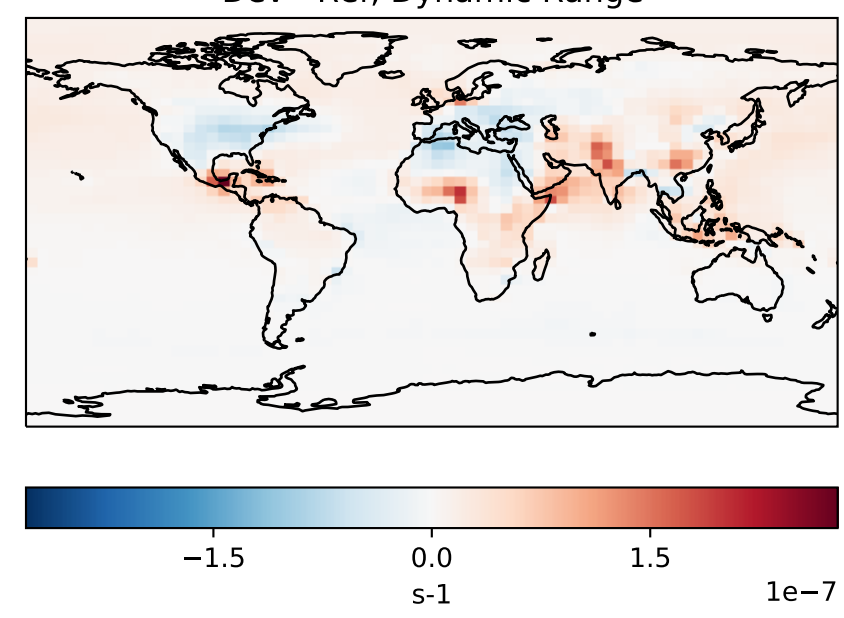
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



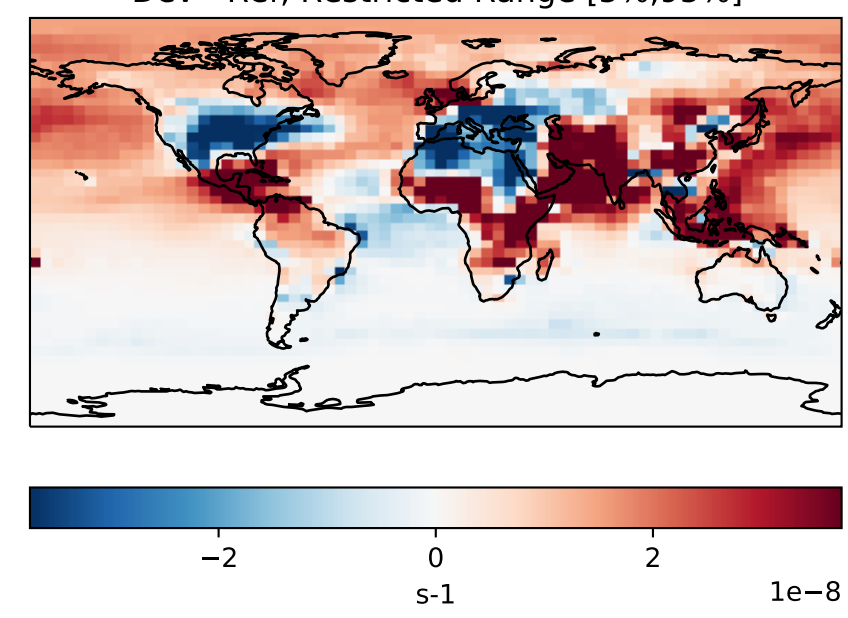
GCC_13.2.0-beta.0 (Dev)
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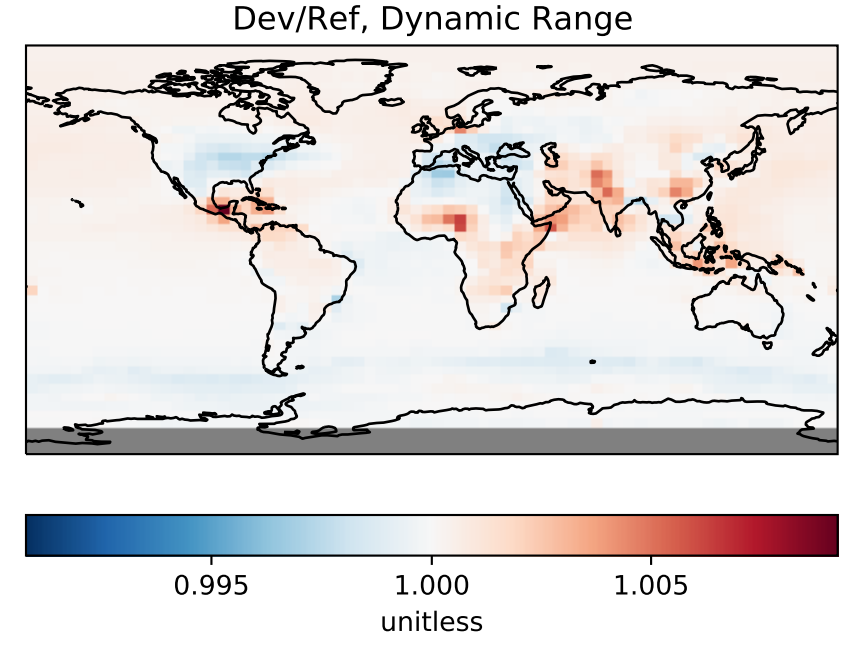
Difference
Dev - Ref, Dynamic Range



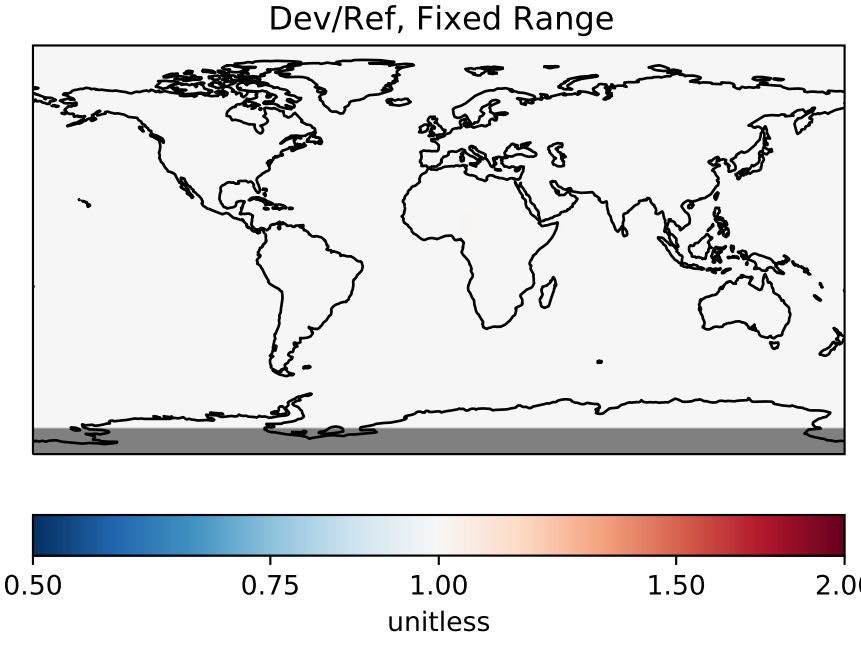
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

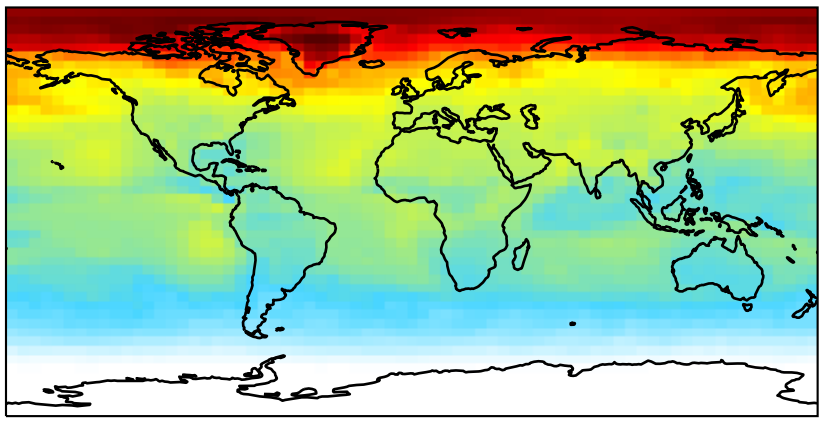


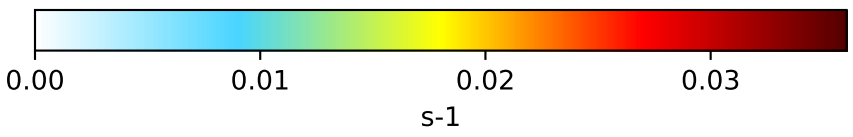
Ratio
Dev/Ref, Fixed Range



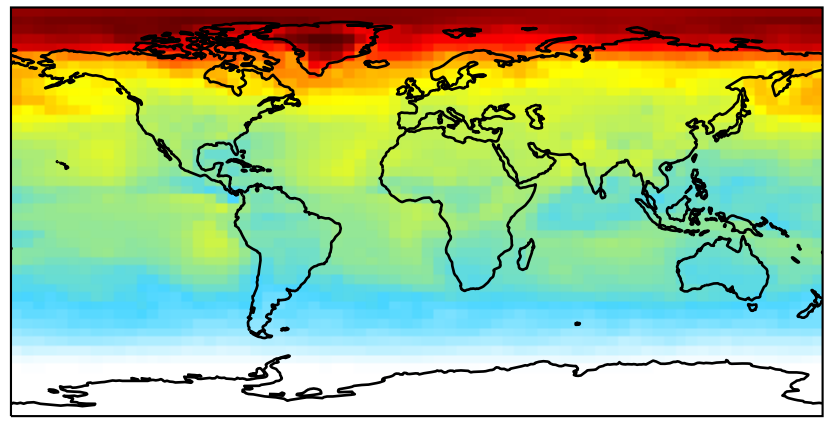
Jval_ICl

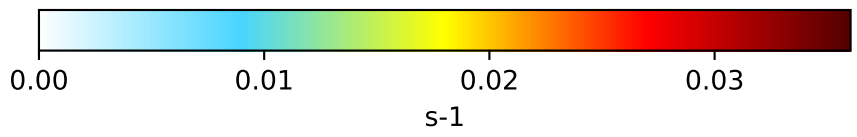
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



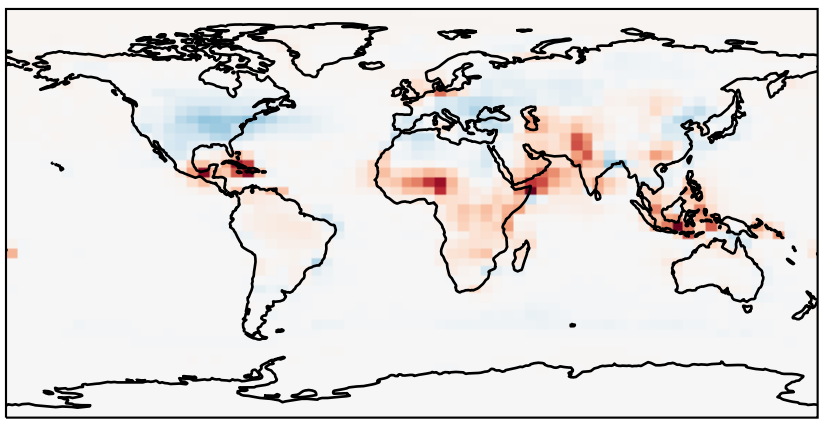


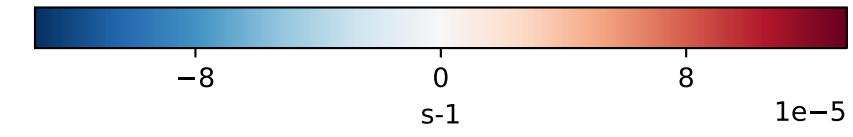
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



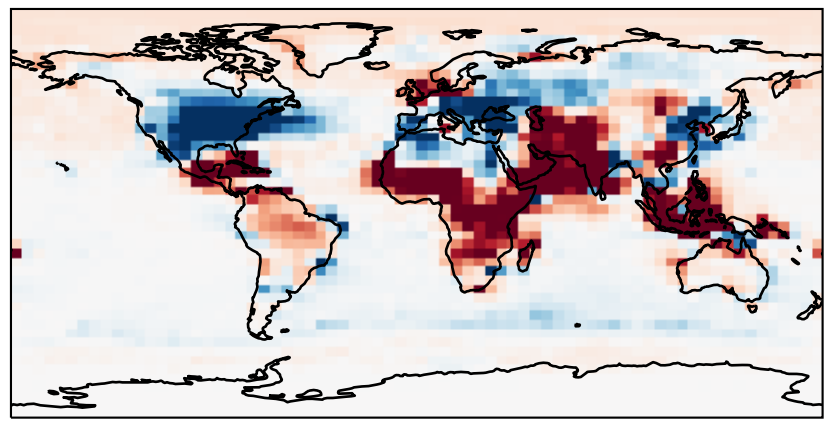


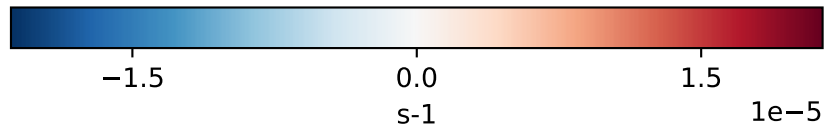
Difference
Dev - Ref, Dynamic Range



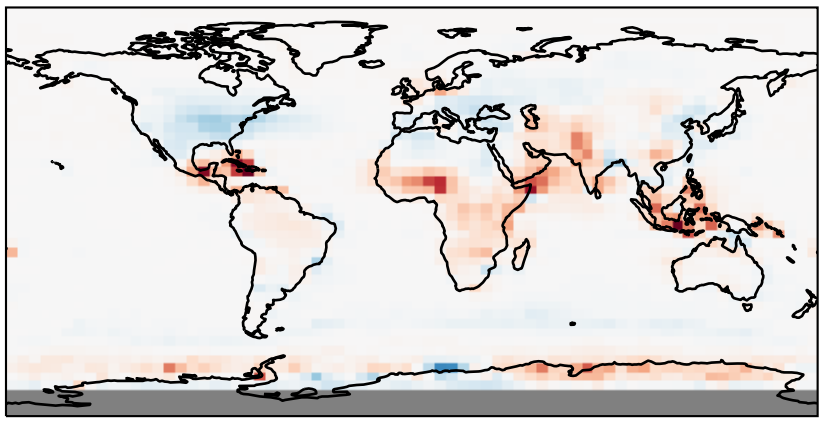


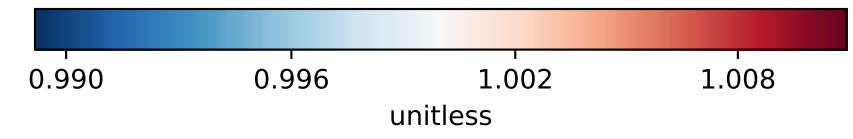
Difference
Dev - Ref, Restricted Range [5%,95%]



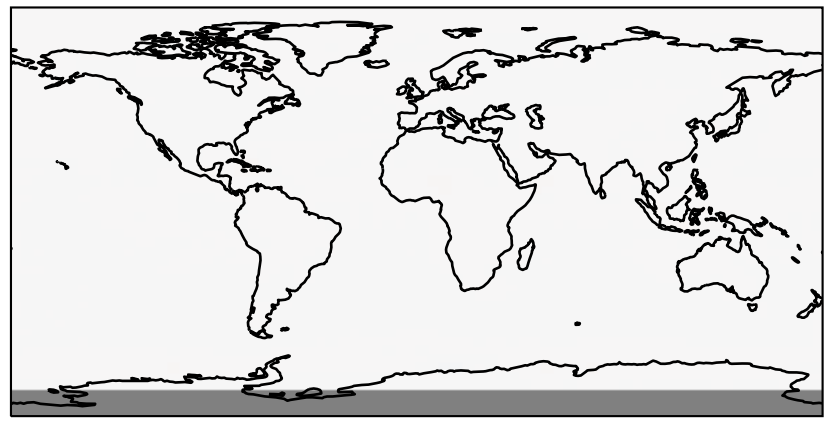


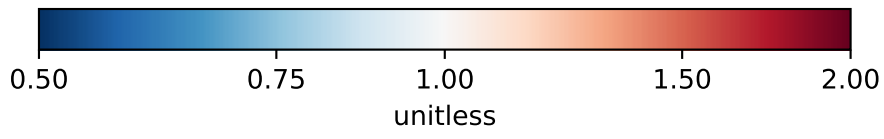
Ratio
Dev/Ref, Dynamic Range





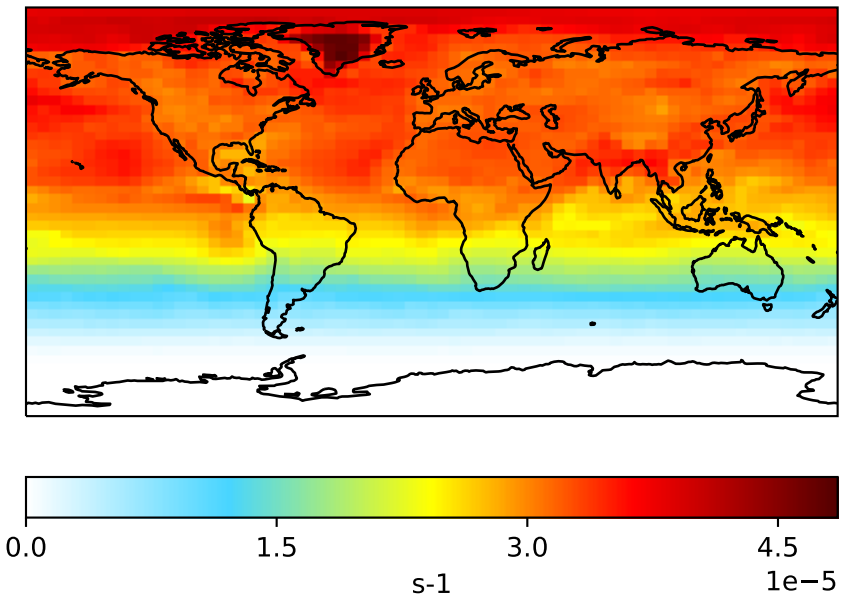
Ratio
Dev/Ref, Fixed Range



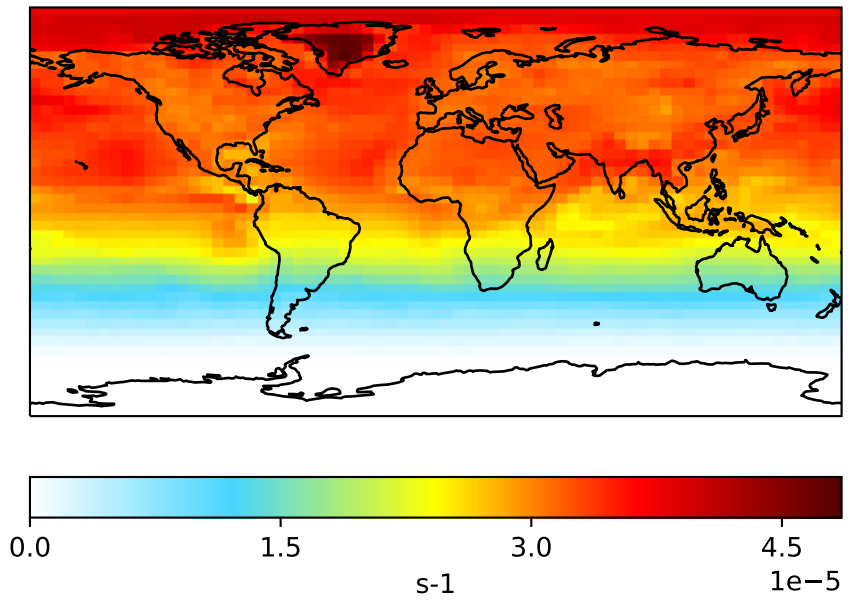


Jval_IDCHP

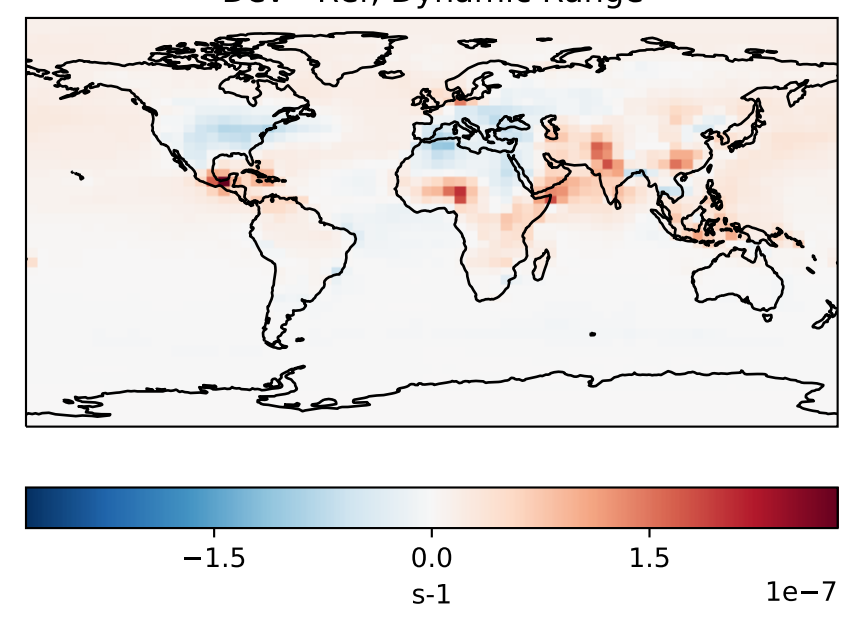
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



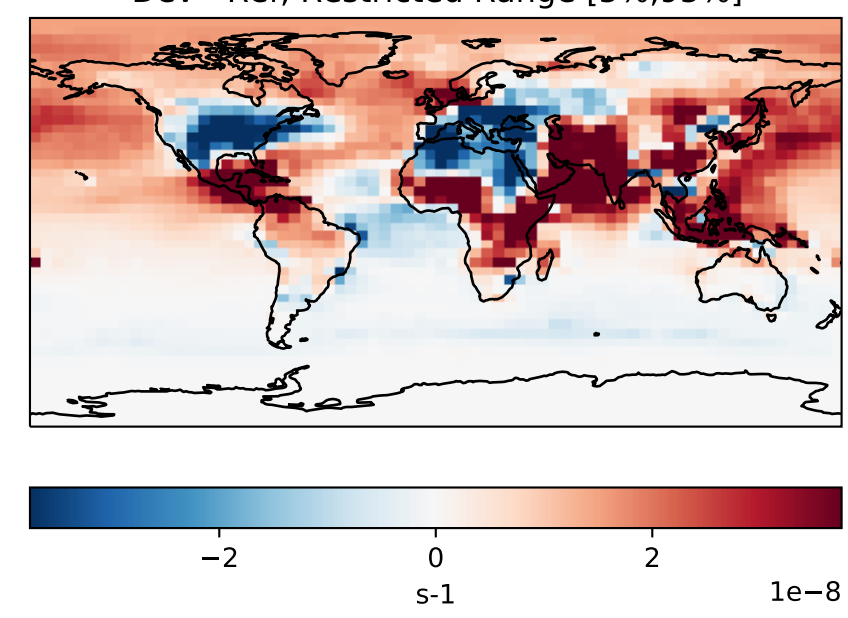
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



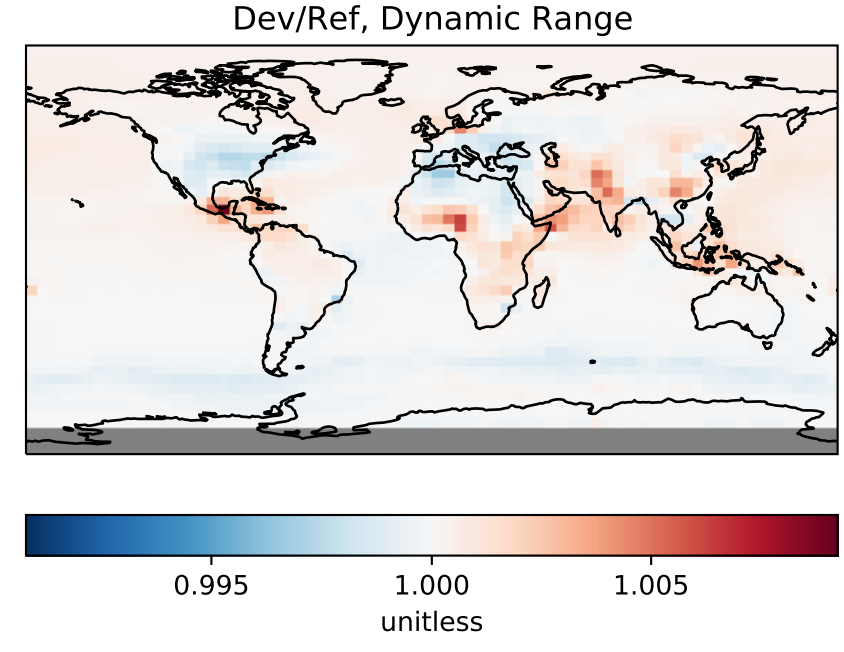
Difference
Dev - Ref, Dynamic Range



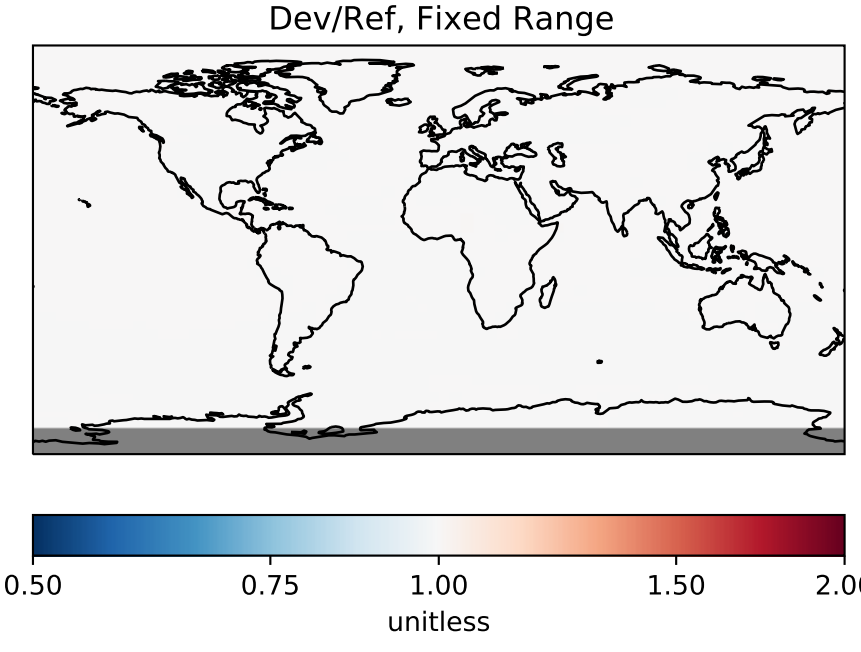
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

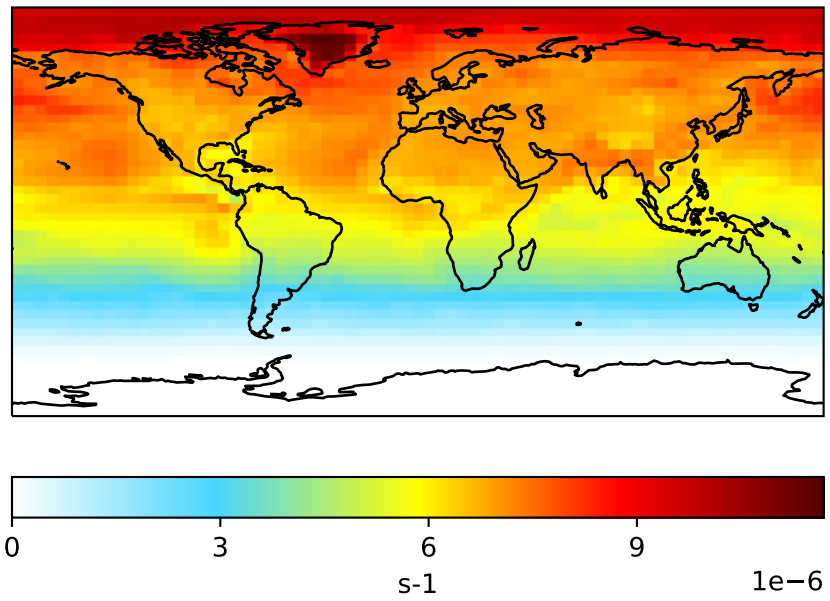


Ratio
Dev/Ref, Fixed Range

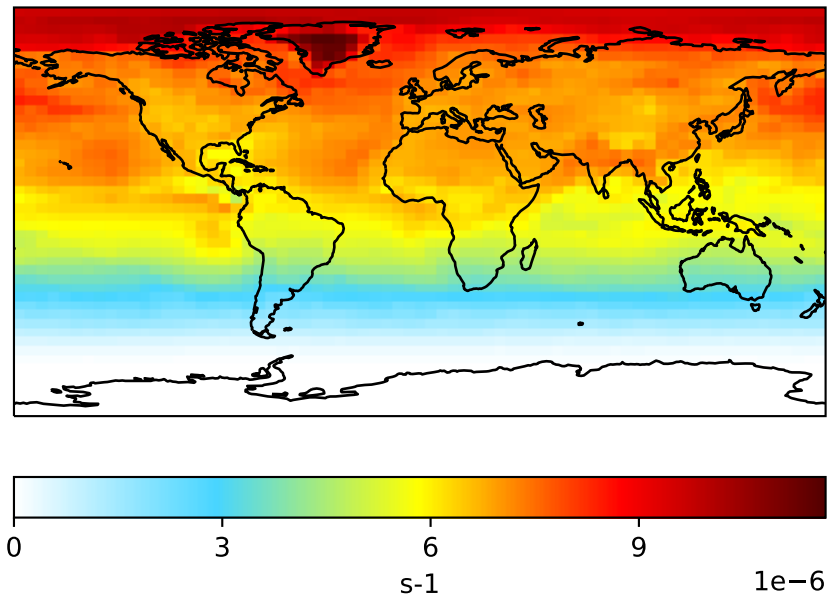


Jval_IDHDP

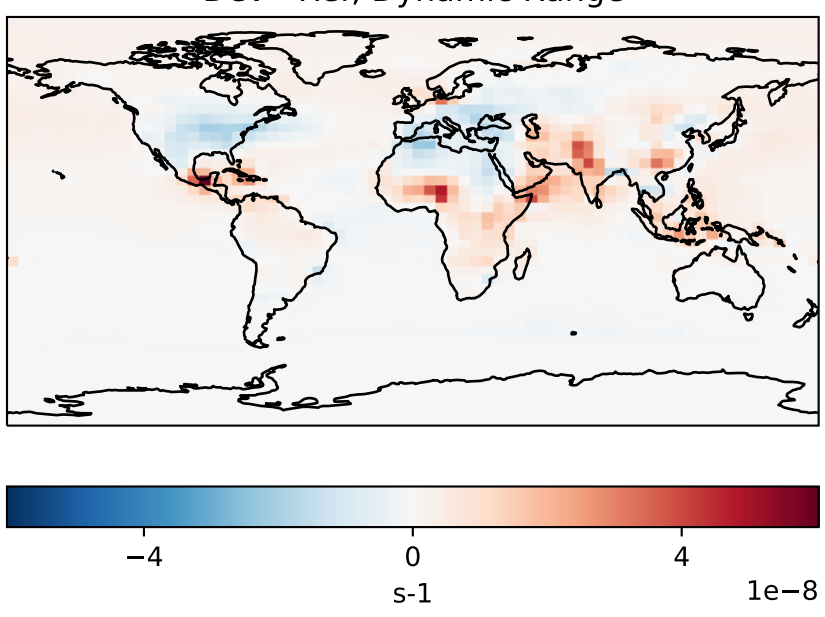
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



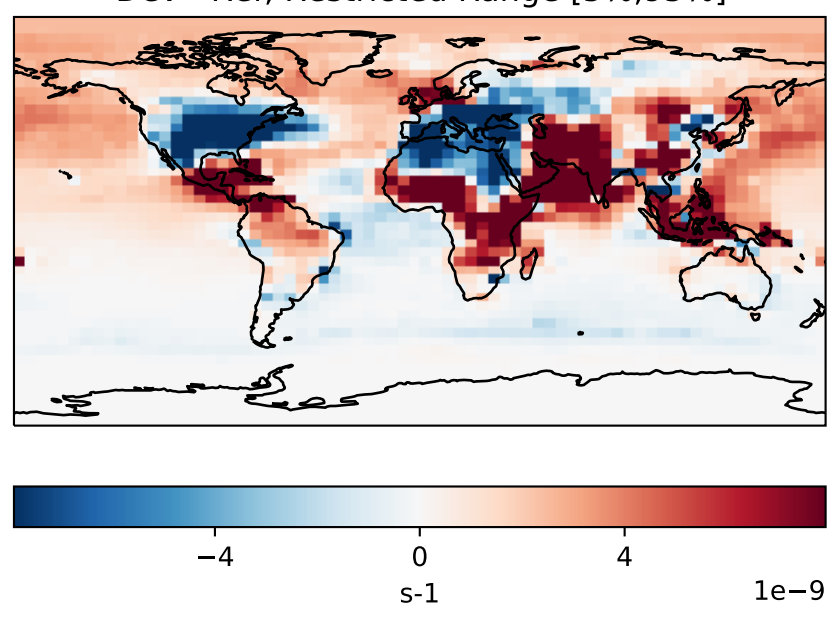
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



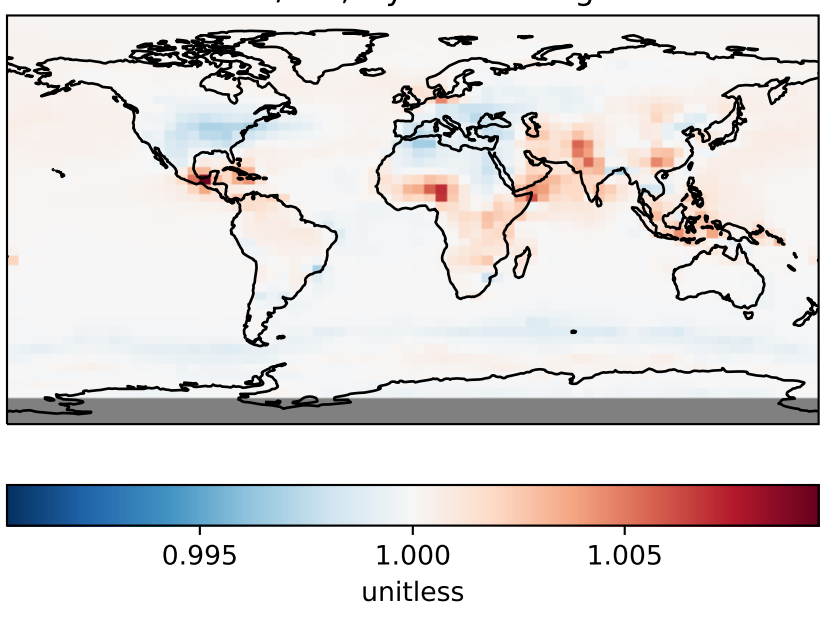
Difference
Dev - Ref, Dynamic Range



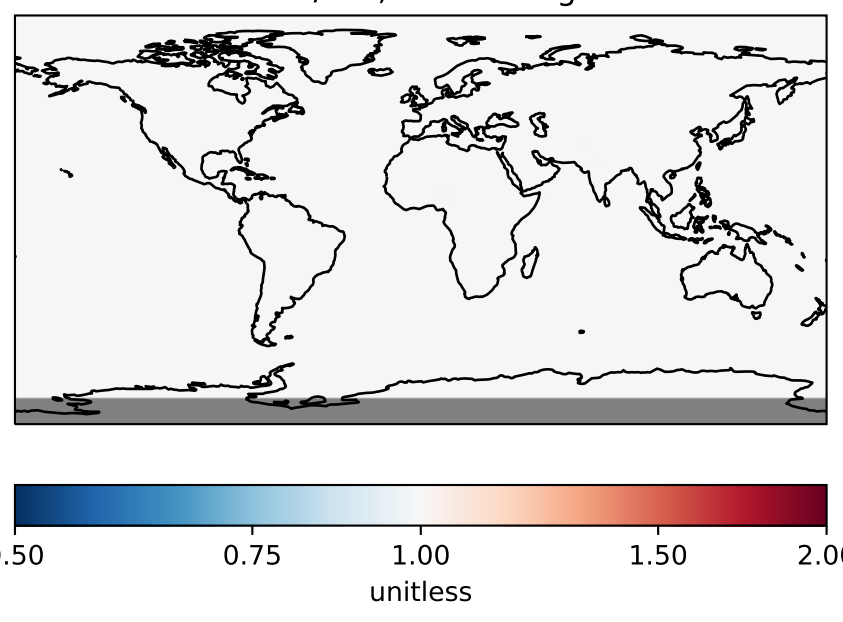
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

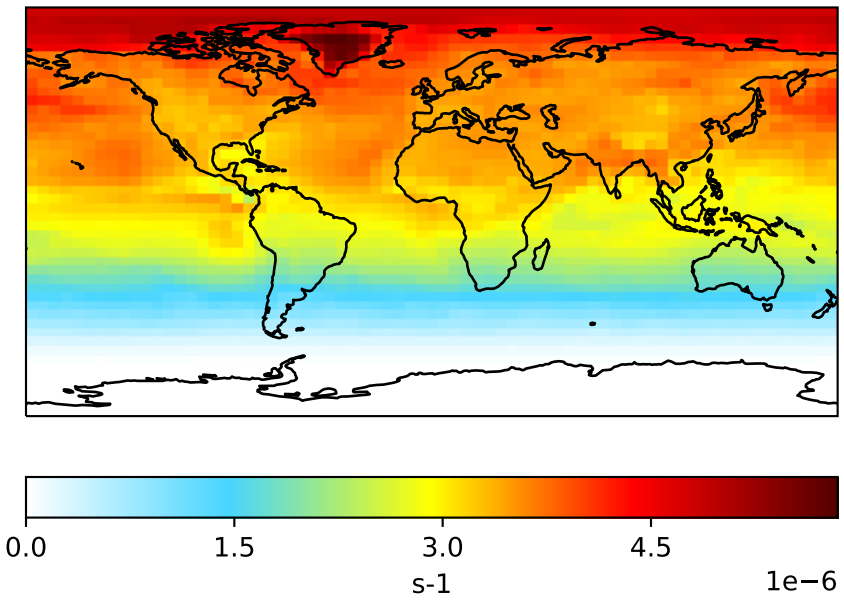


Ratio
Dev/Ref, Fixed Range

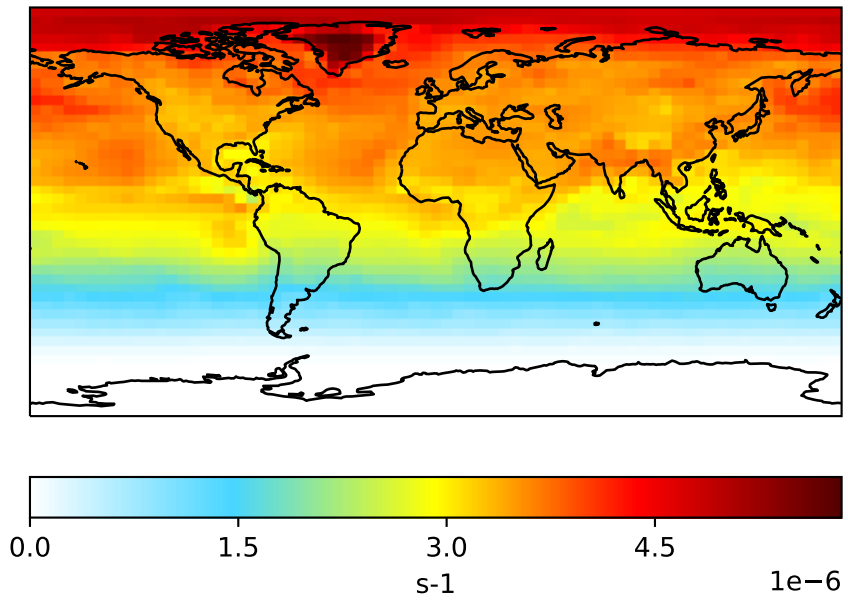


Jval_IDHPE

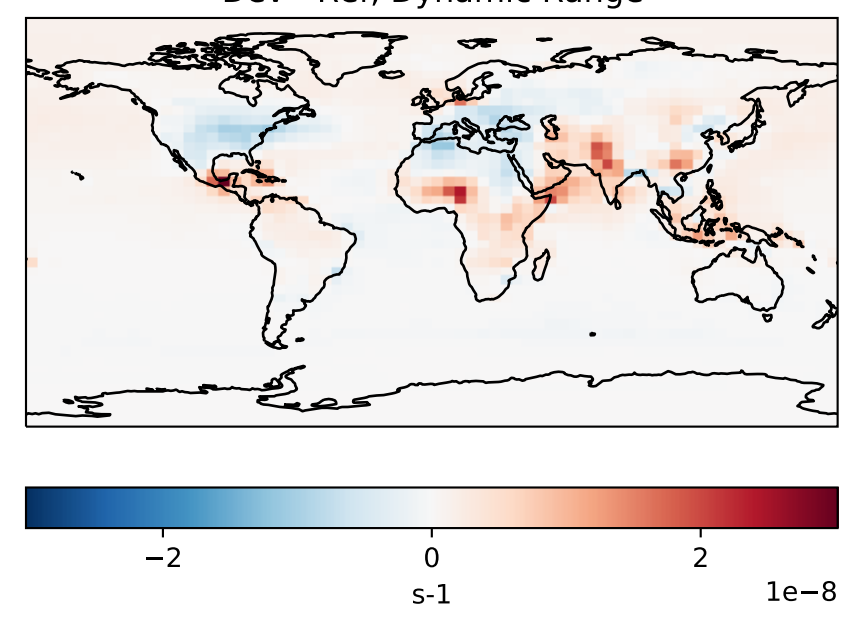
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



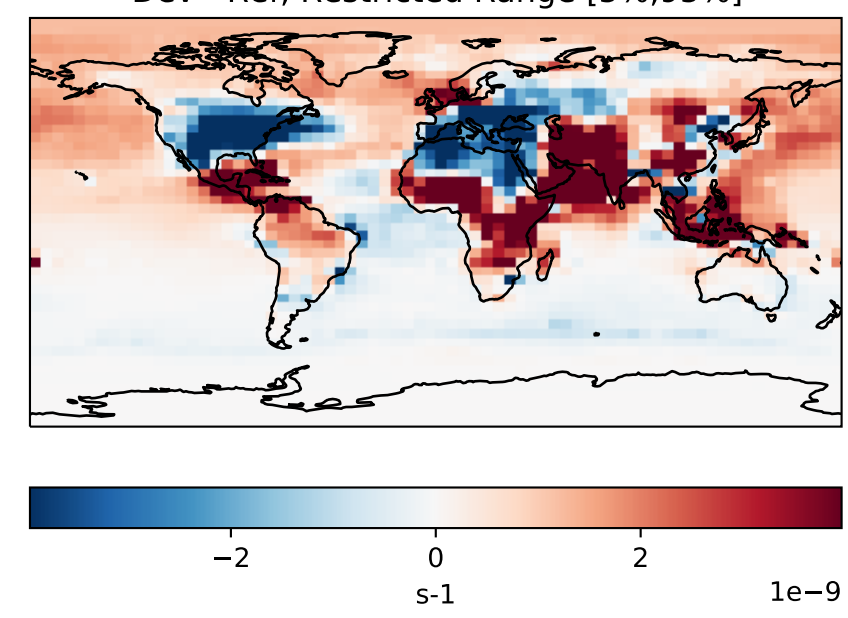
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



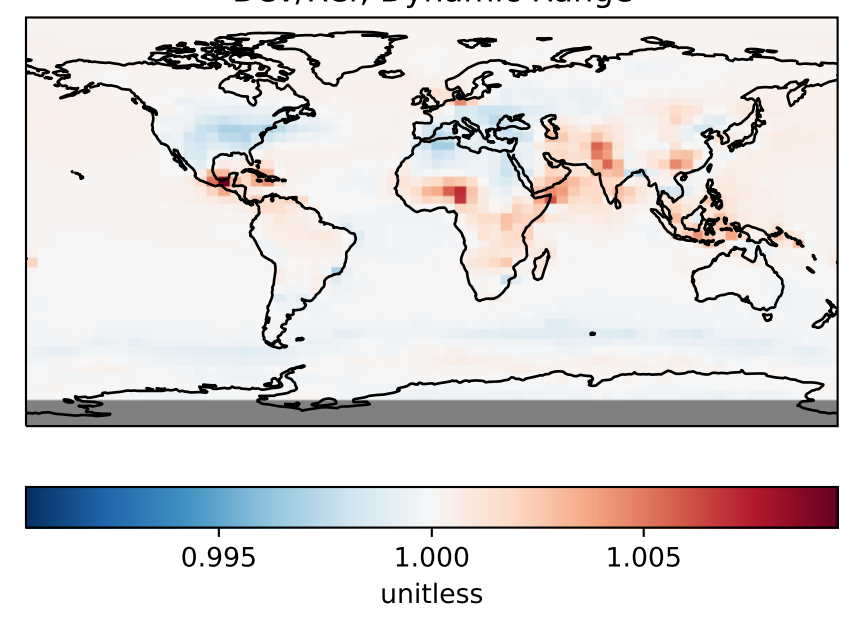
Difference
Dev - Ref, Dynamic Range



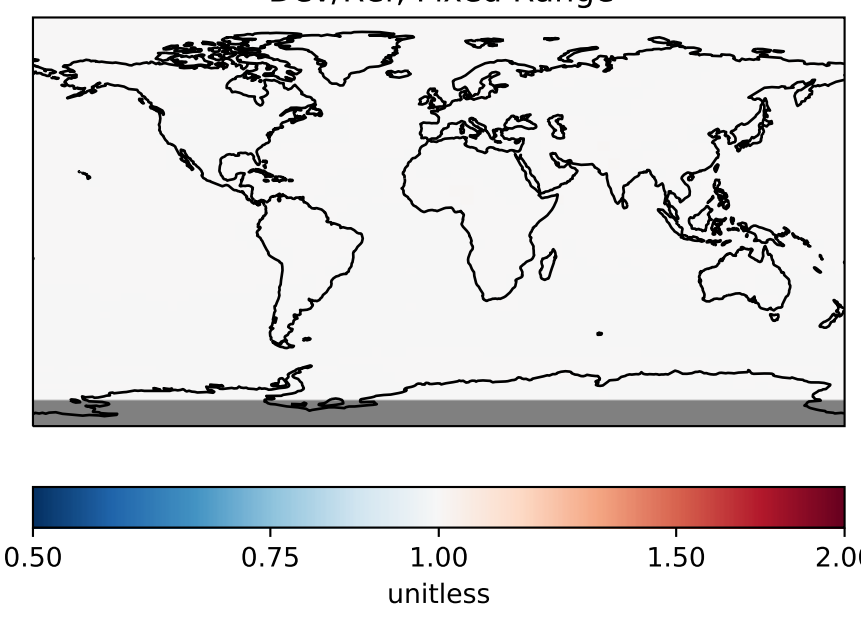
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

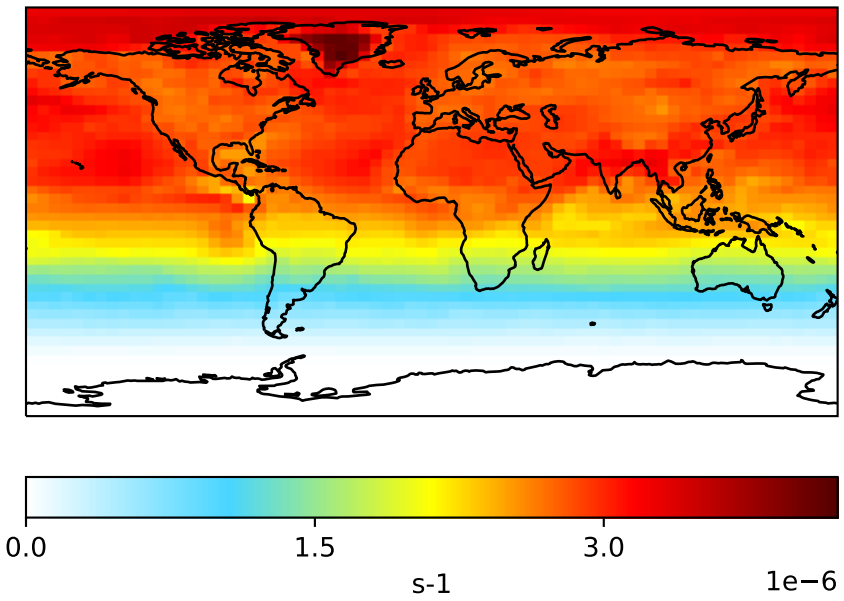


Ratio
Dev/Ref, Fixed Range

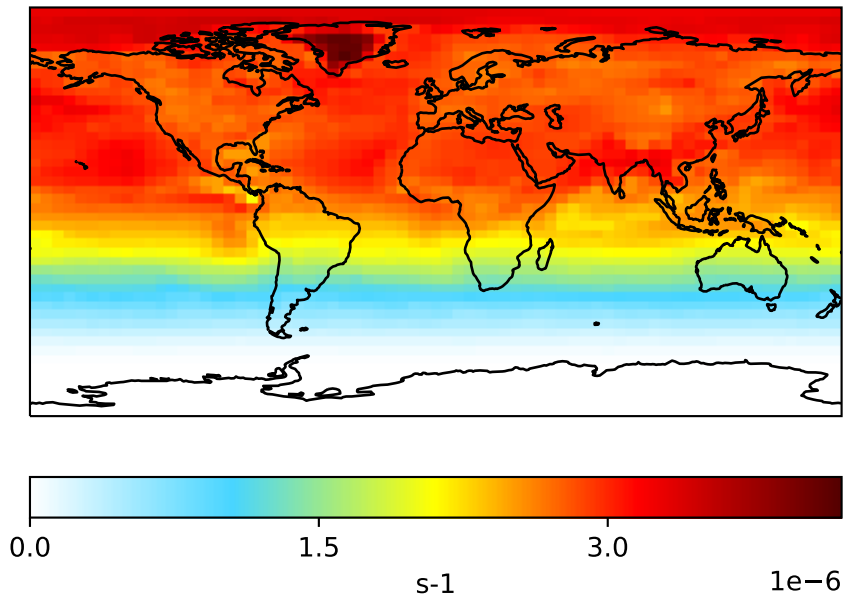


Jval_IDN

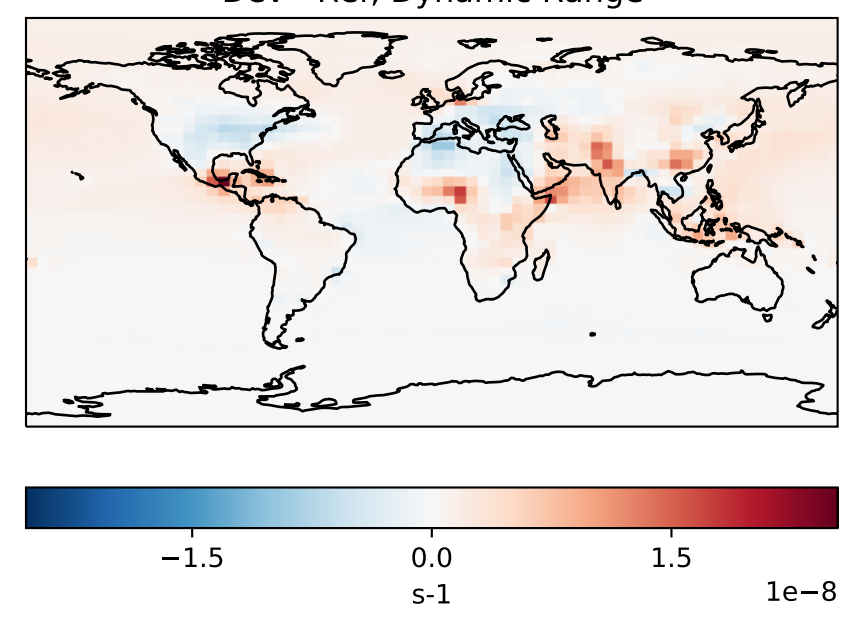
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



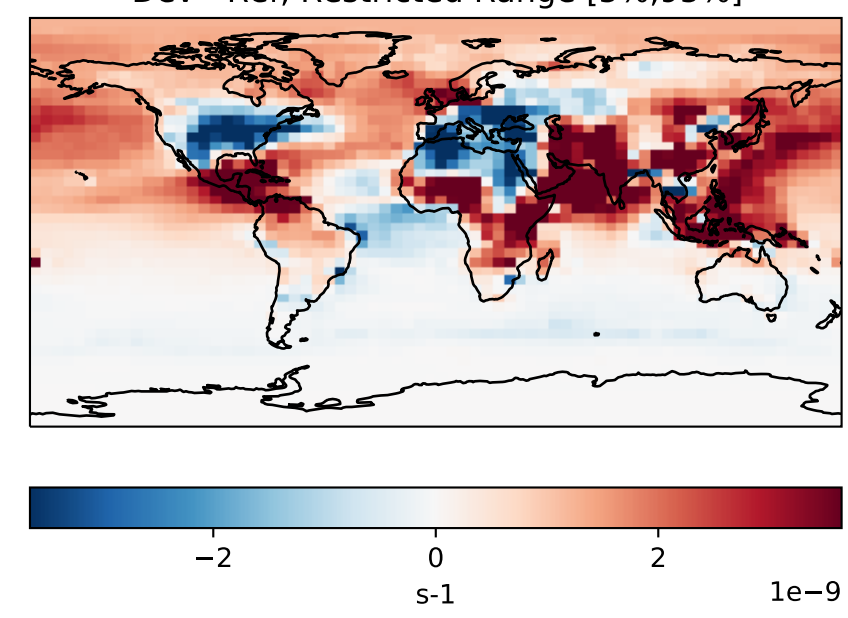
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



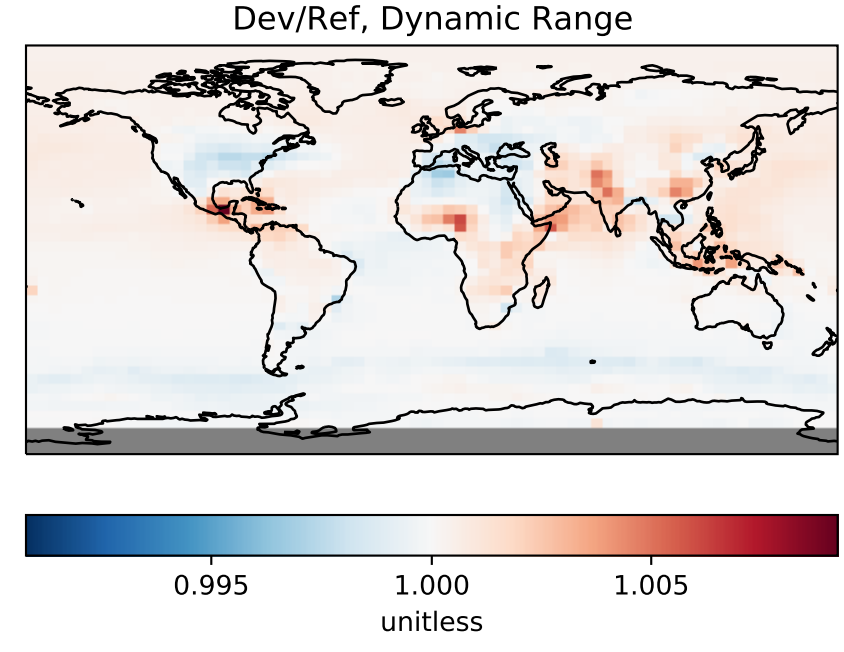
Difference
Dev - Ref, Dynamic Range



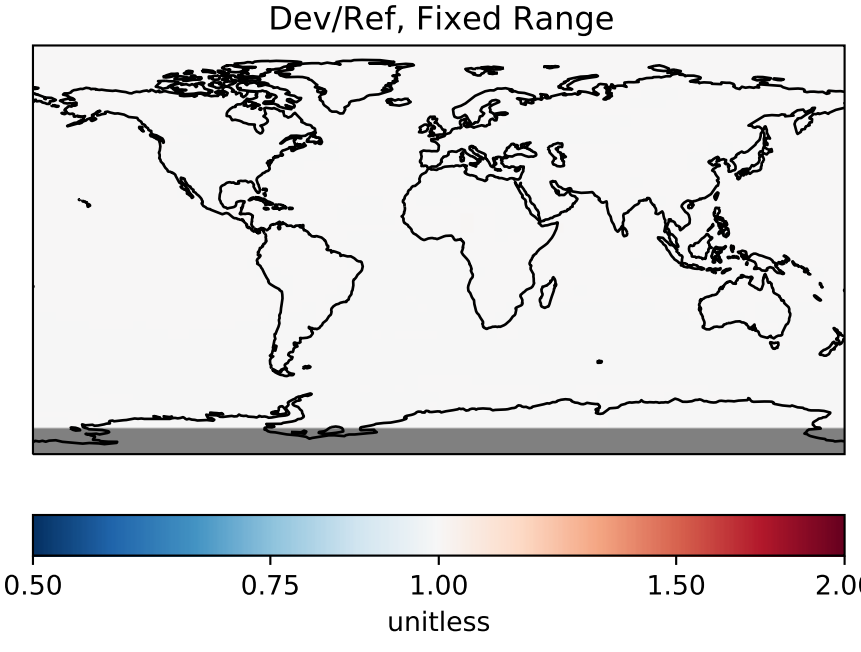
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

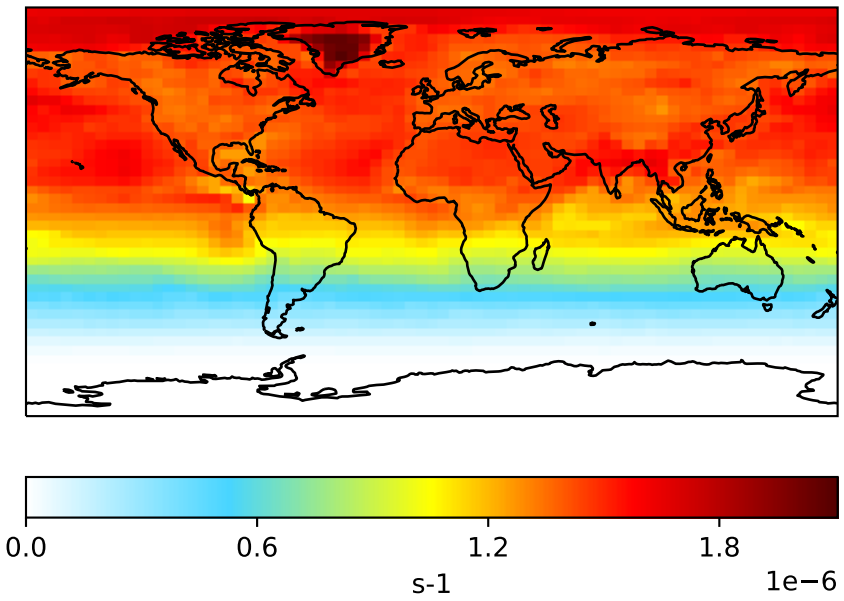


Ratio
Dev/Ref, Fixed Range

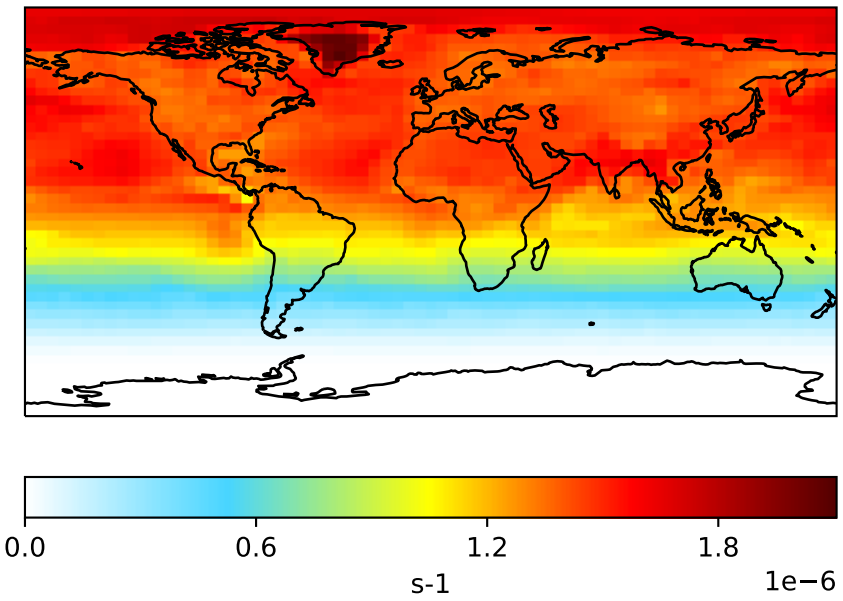


Jval_IHN1

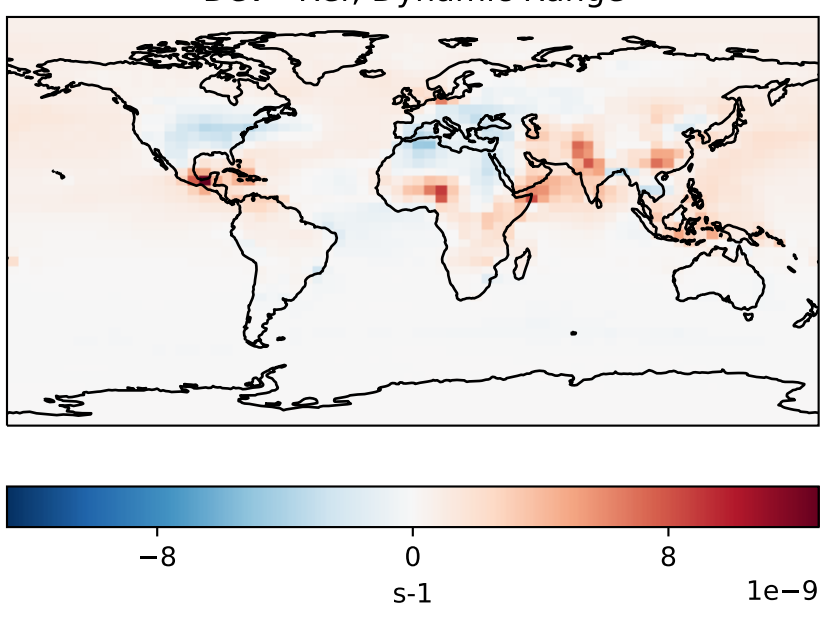
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



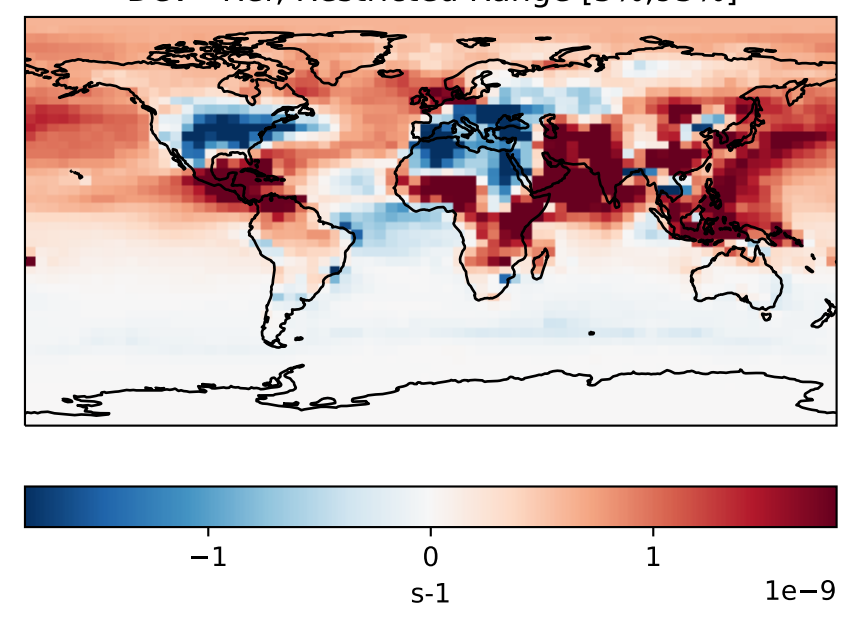
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



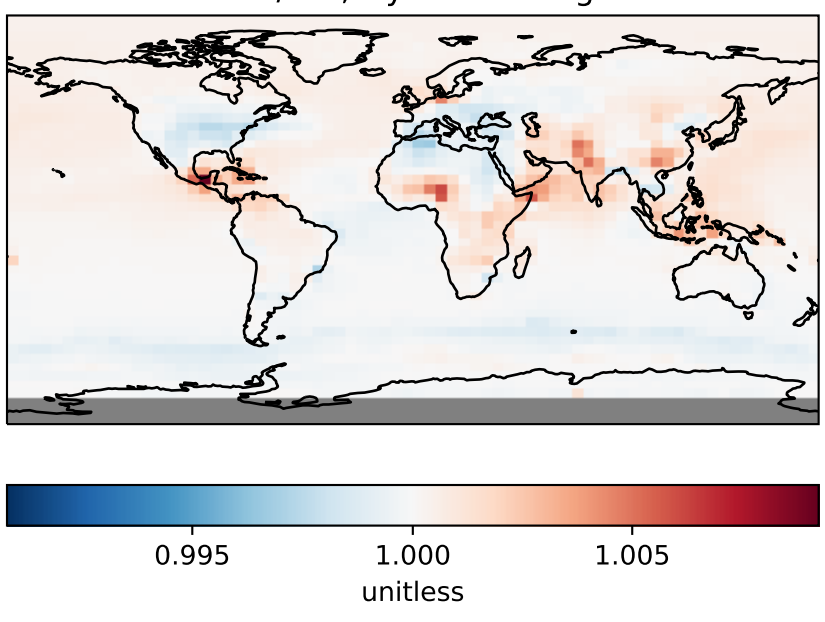
Difference
Dev - Ref, Dynamic Range



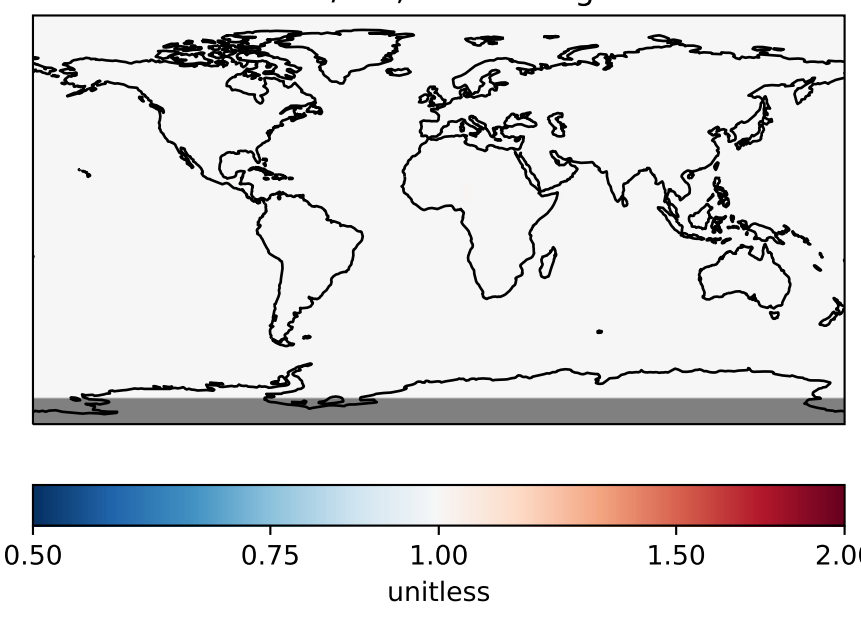
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

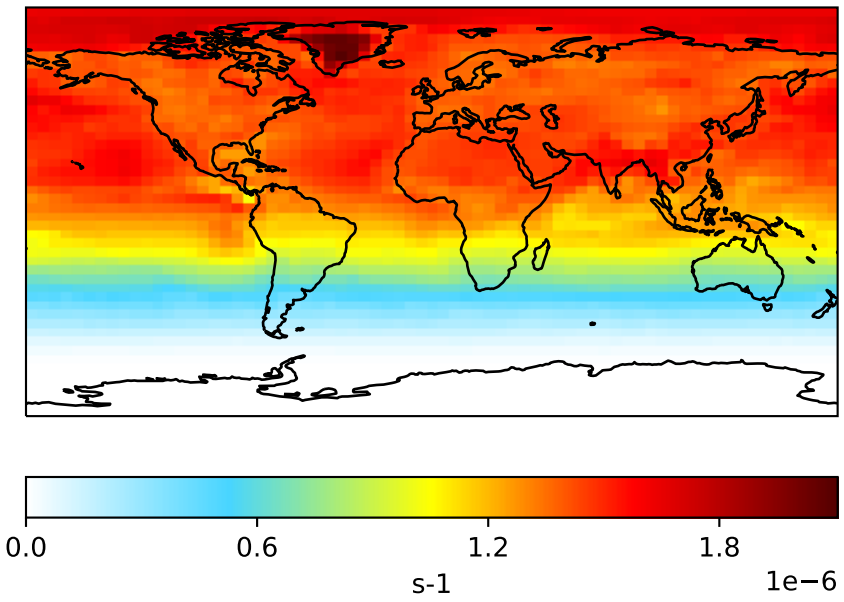


Ratio
Dev/Ref, Fixed Range

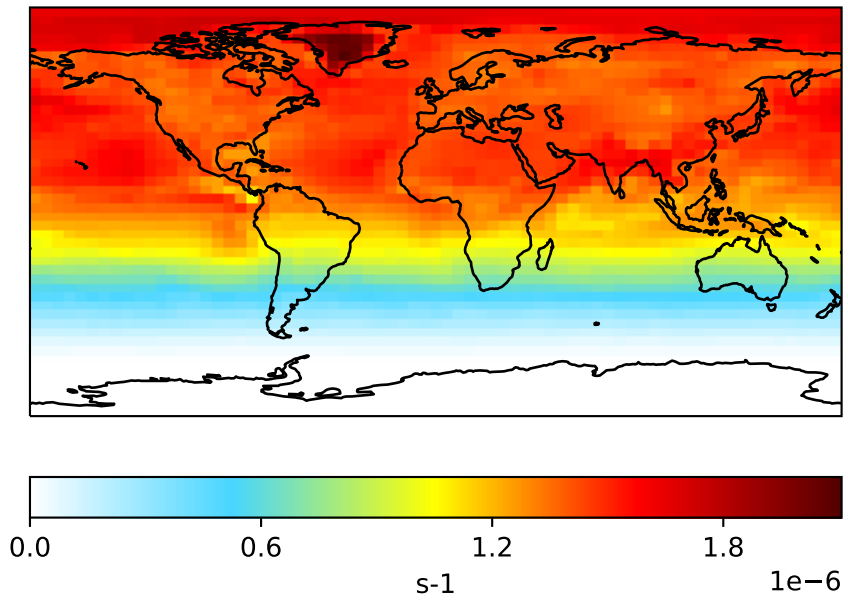


Jval_IHN2

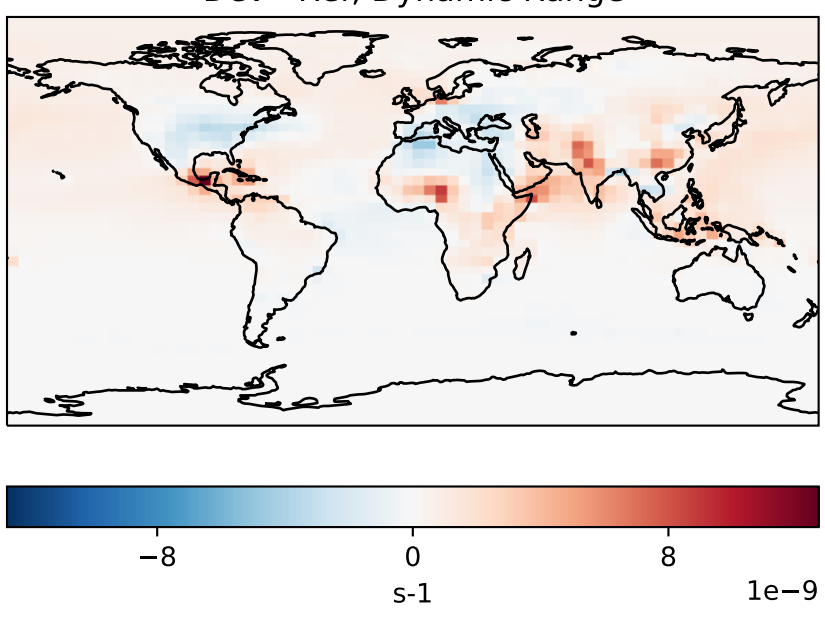
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



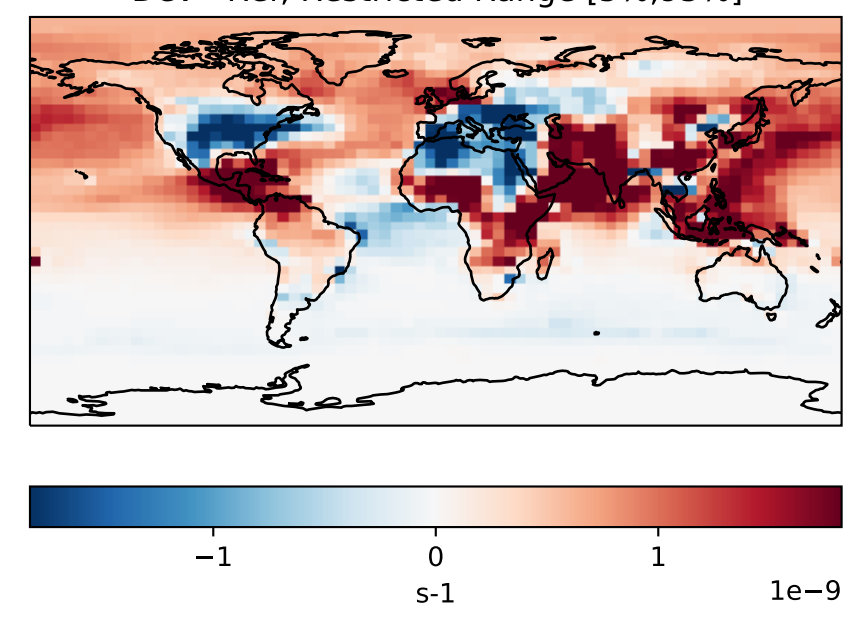
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



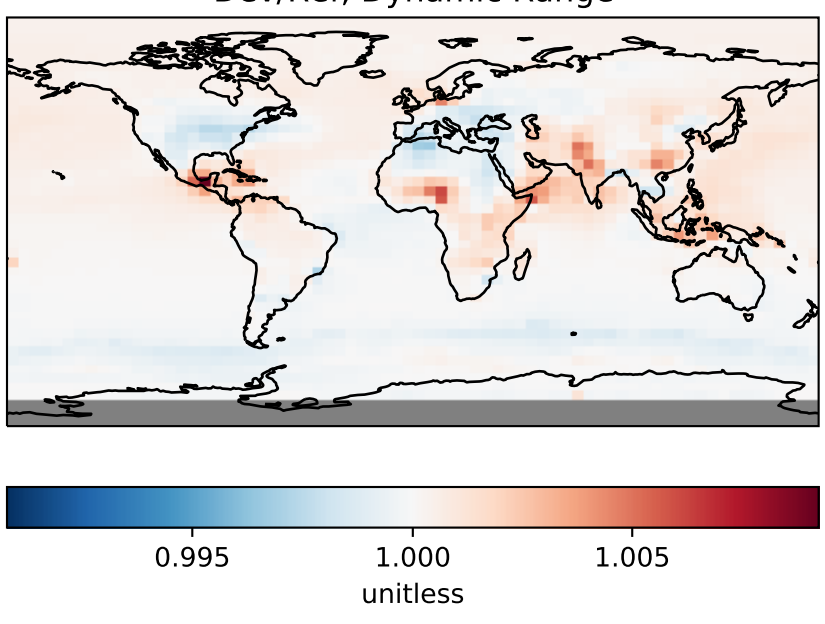
Difference
Dev - Ref, Dynamic Range



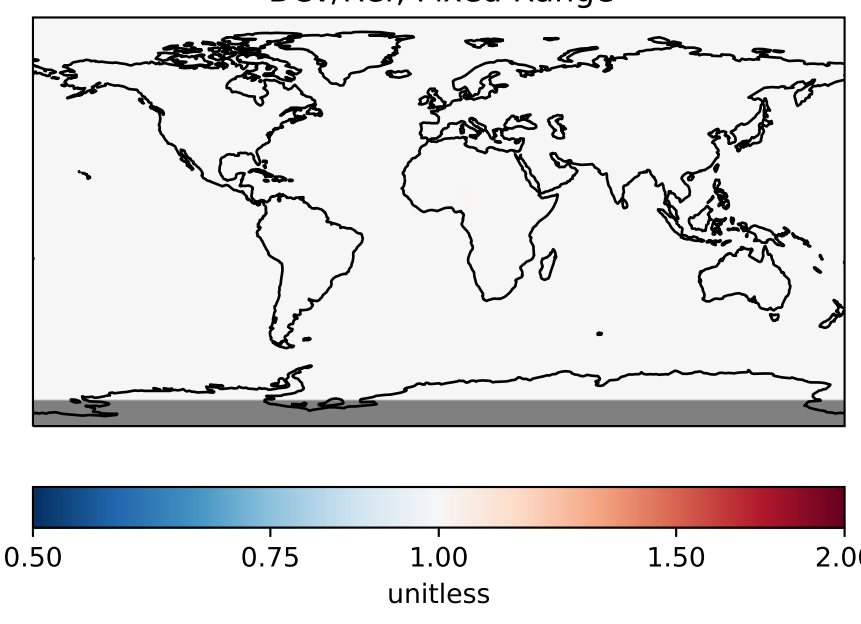
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

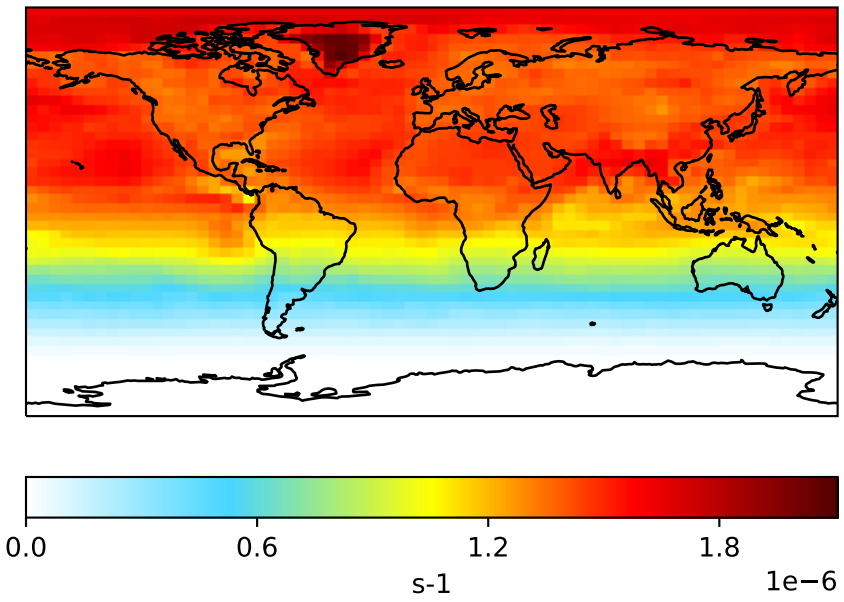


Ratio
Dev/Ref, Fixed Range

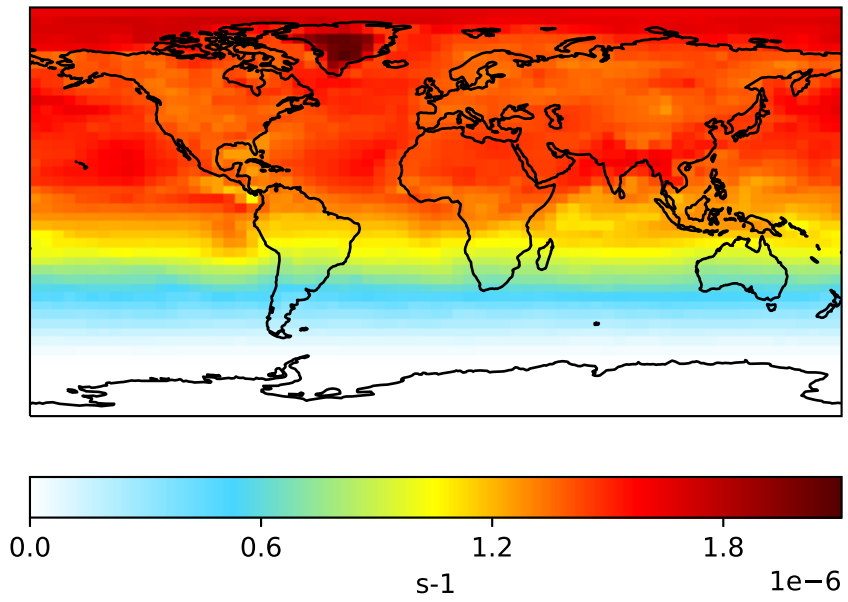


Jval_IHN3

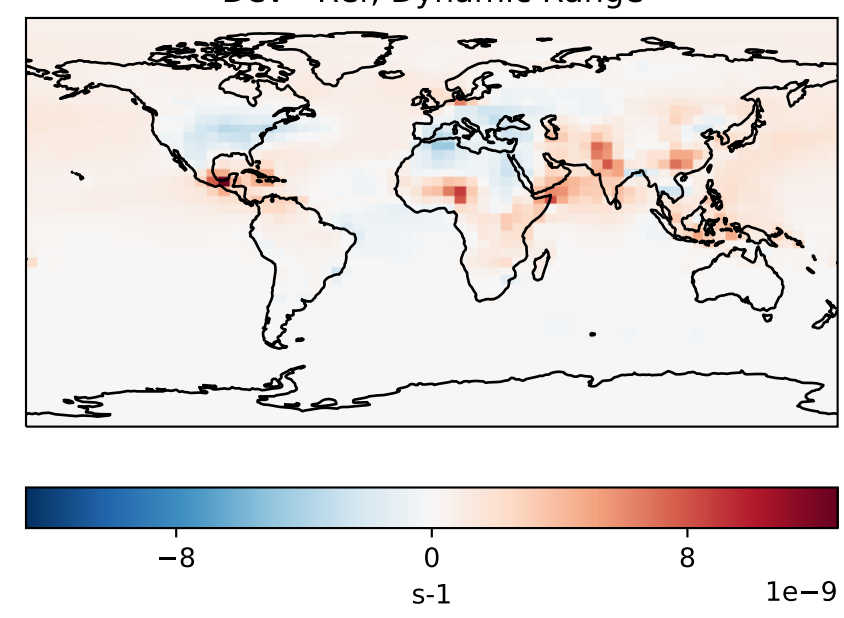
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



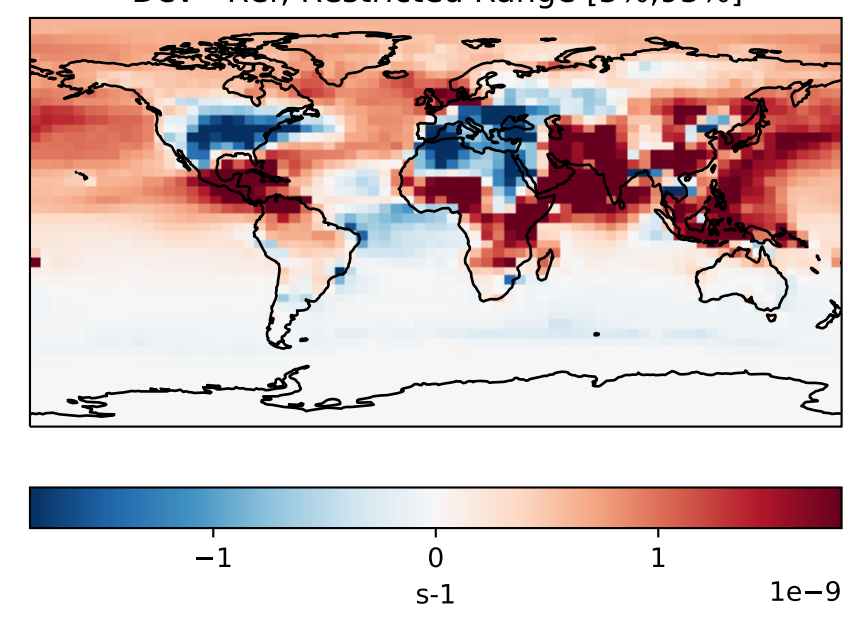
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



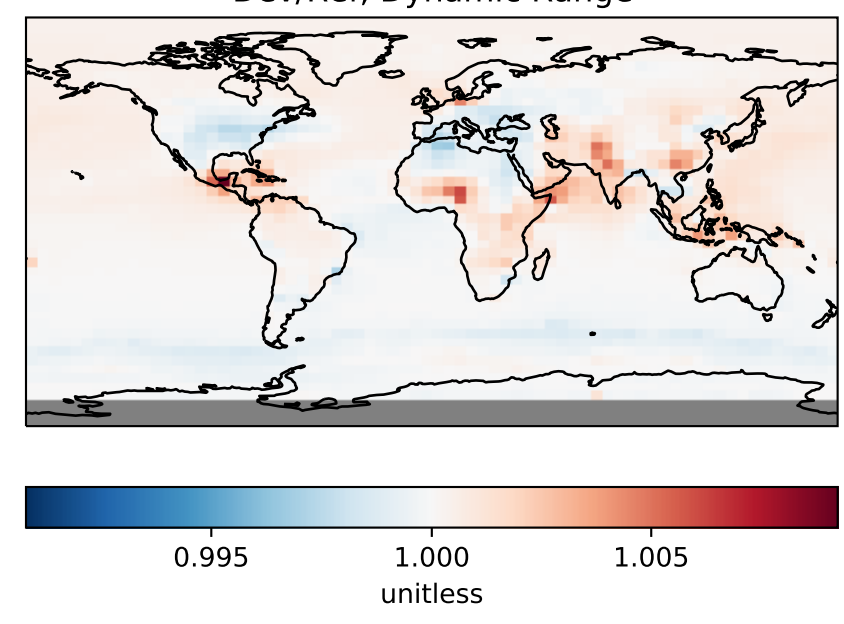
Difference
Dev - Ref, Dynamic Range



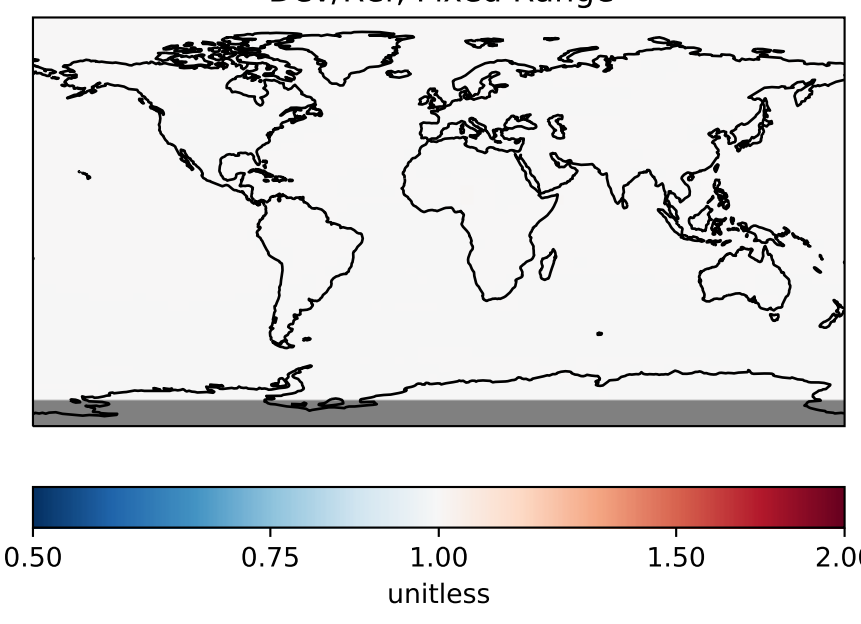
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

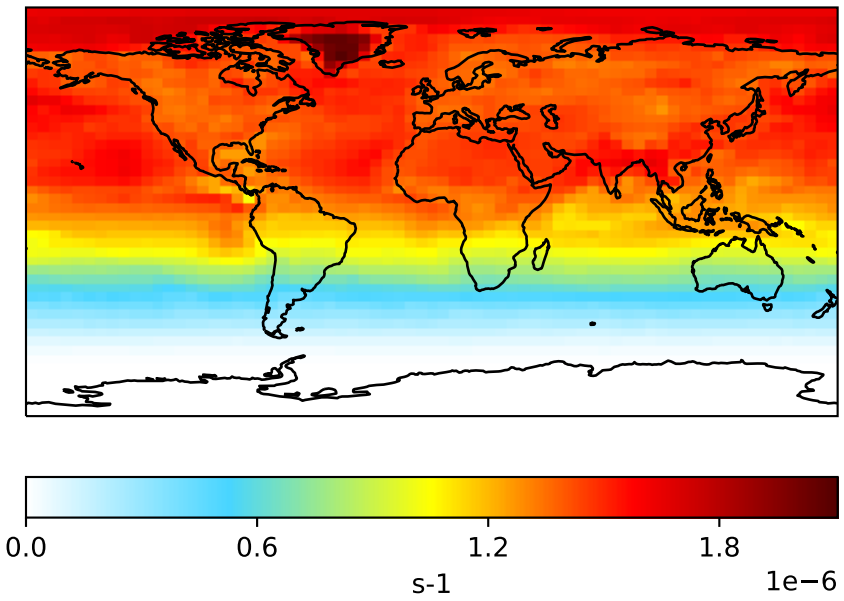


Ratio
Dev/Ref, Fixed Range

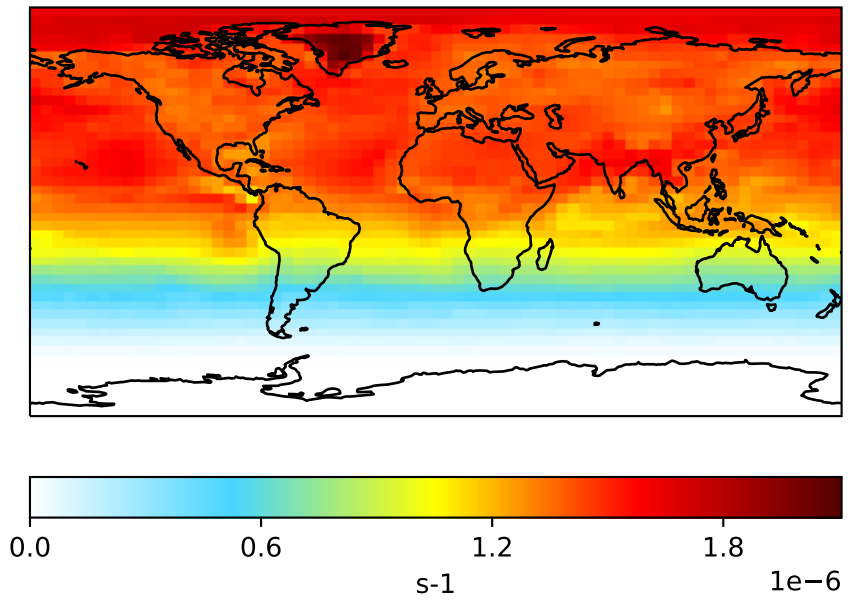


Jval_IHN4

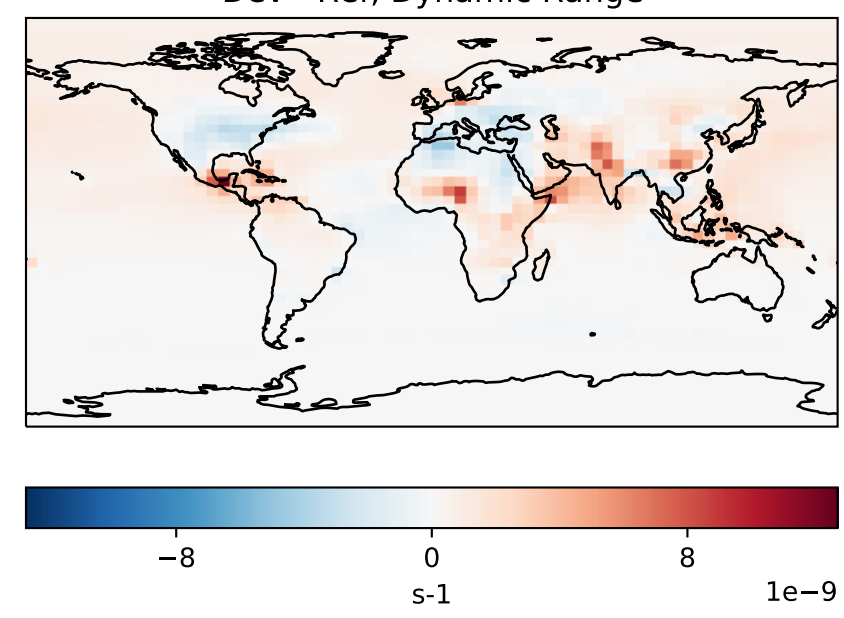
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



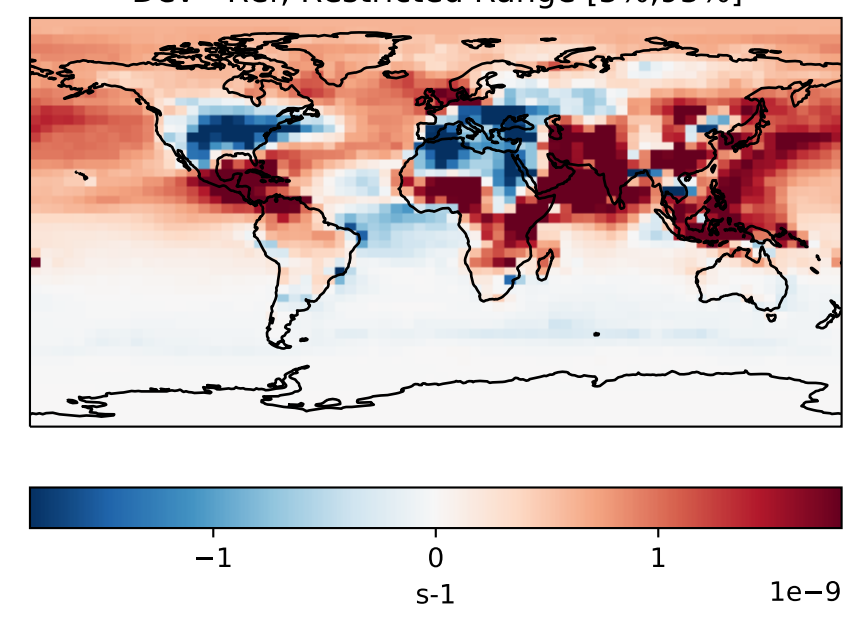
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



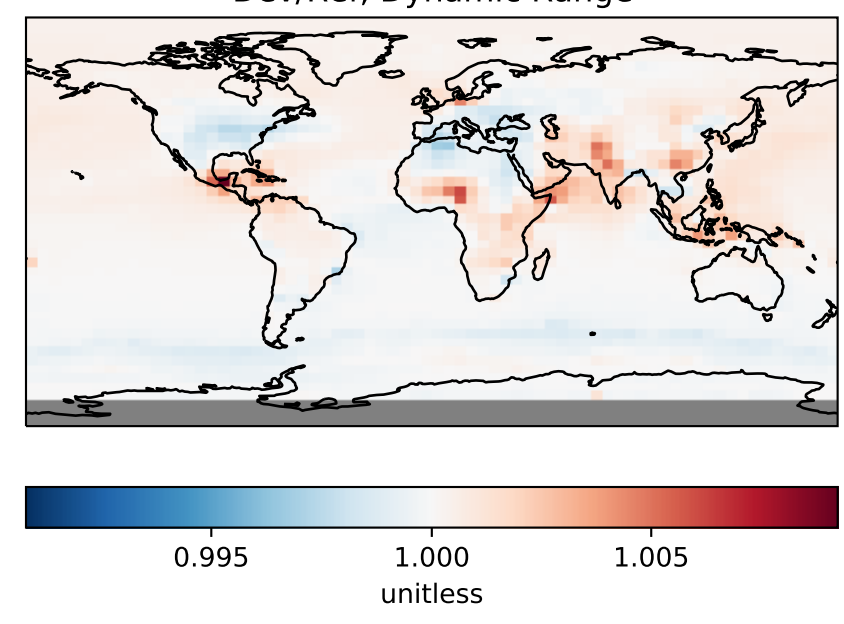
Difference
Dev - Ref, Dynamic Range



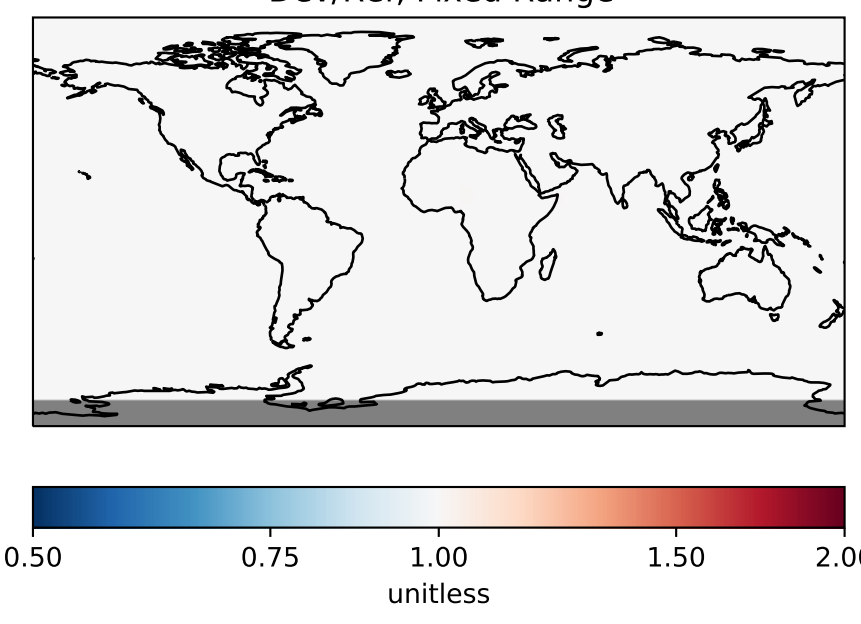
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

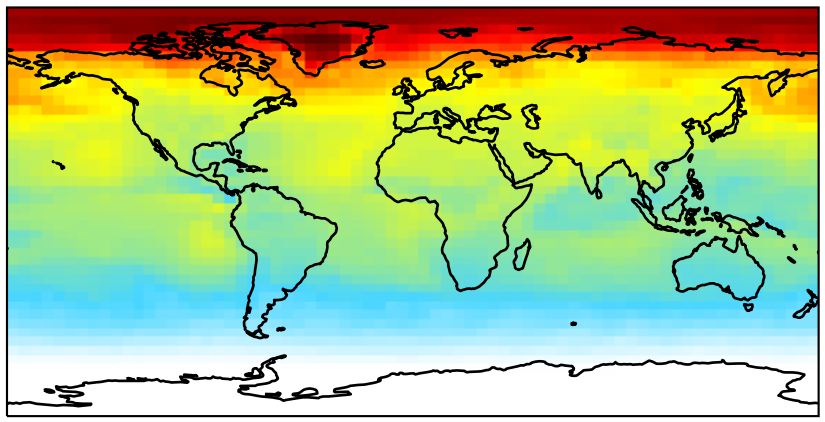


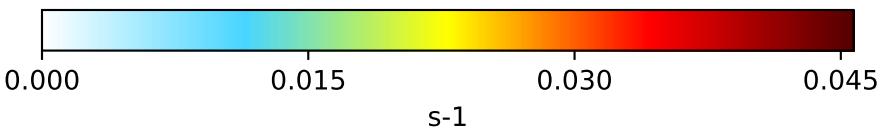
Ratio
Dev/Ref, Fixed Range



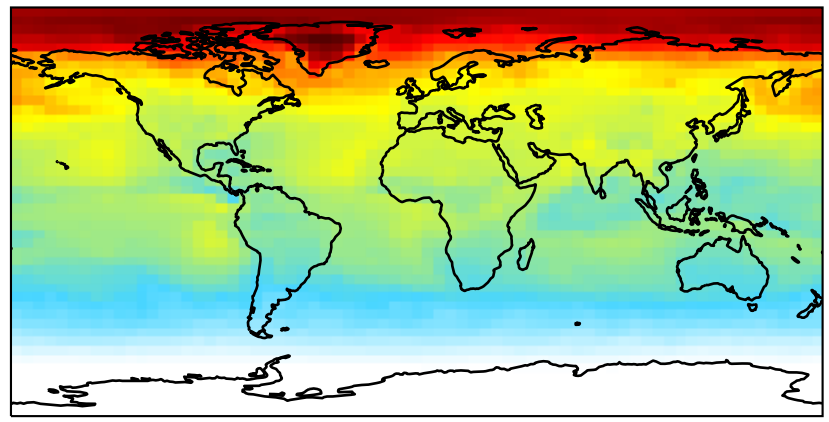
Jval_INO

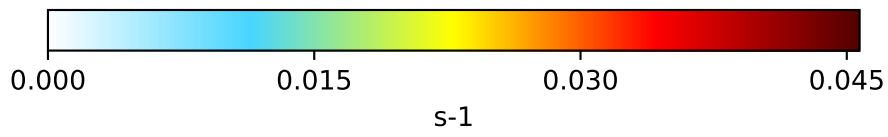
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



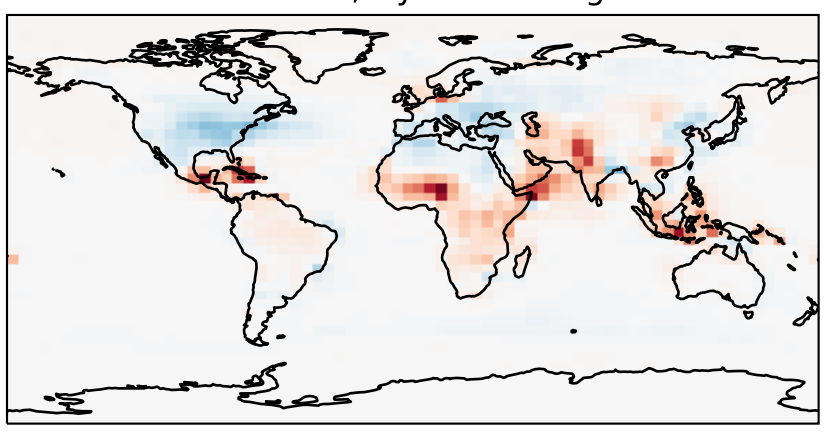


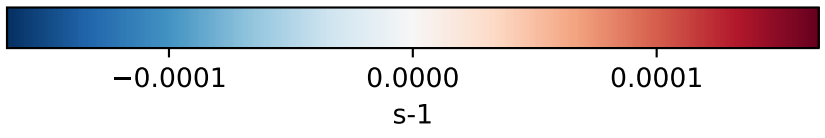
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



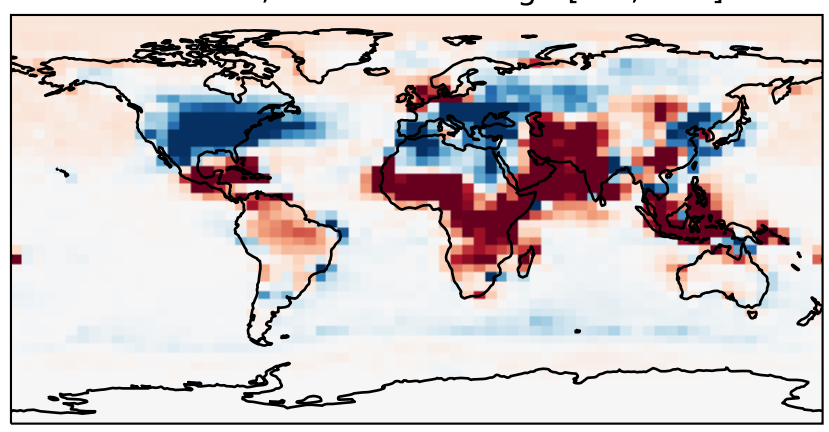


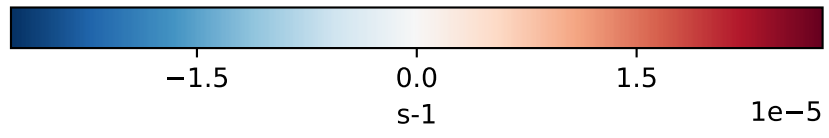
Difference
Dev - Ref, Dynamic Range



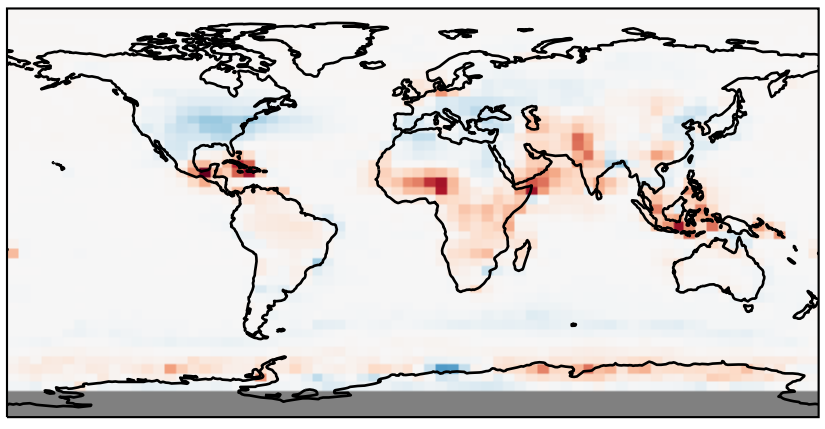


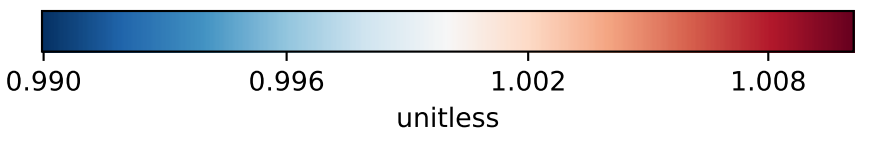
Difference
Dev - Ref, Restricted Range [5%,95%]



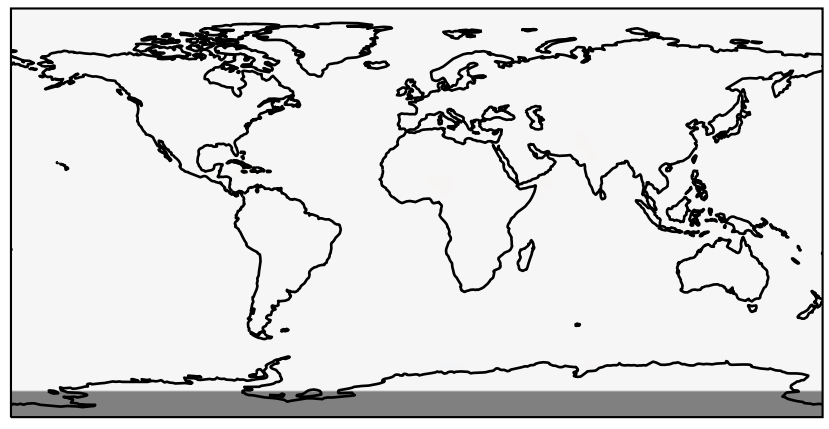


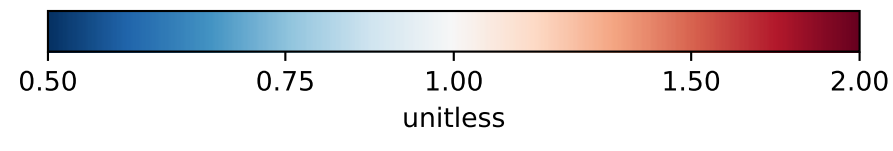
Ratio
Dev/Ref, Dynamic Range





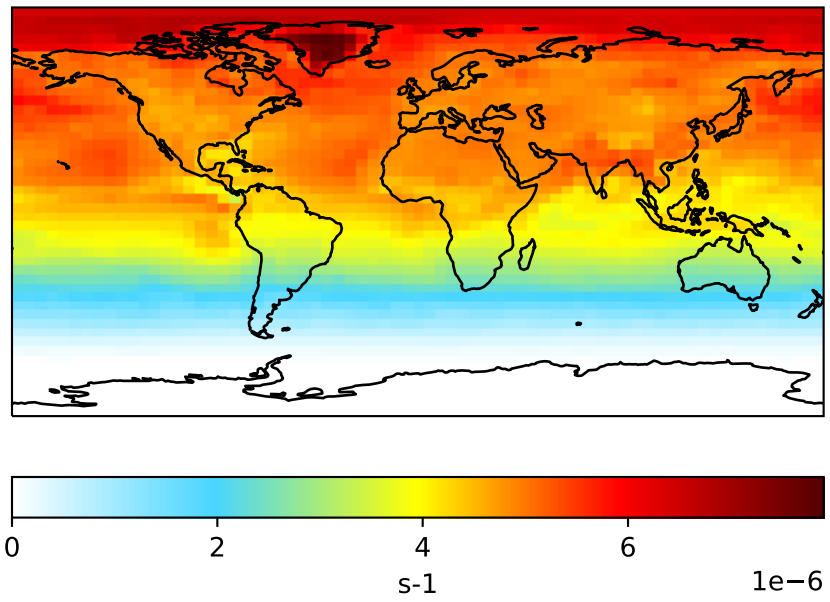
Ratio
Dev/Ref, Fixed Range



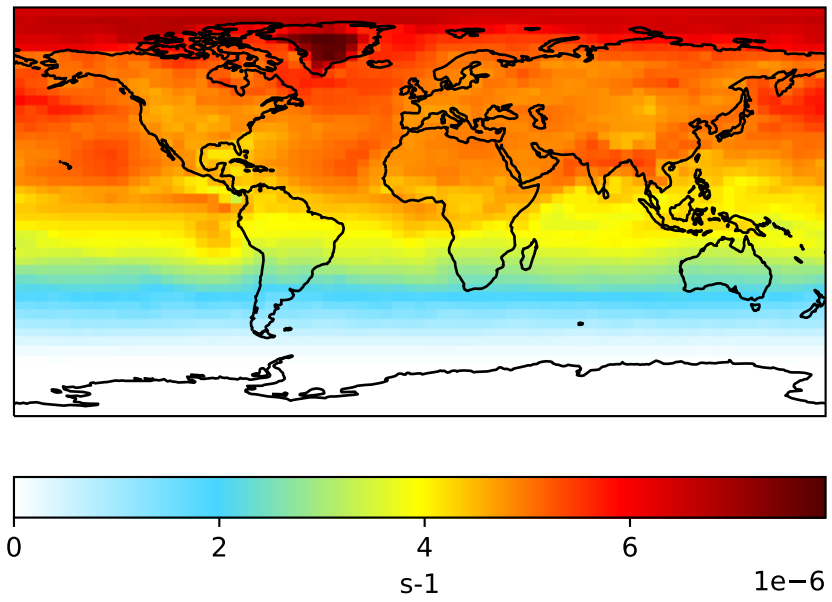


Jval_INPB

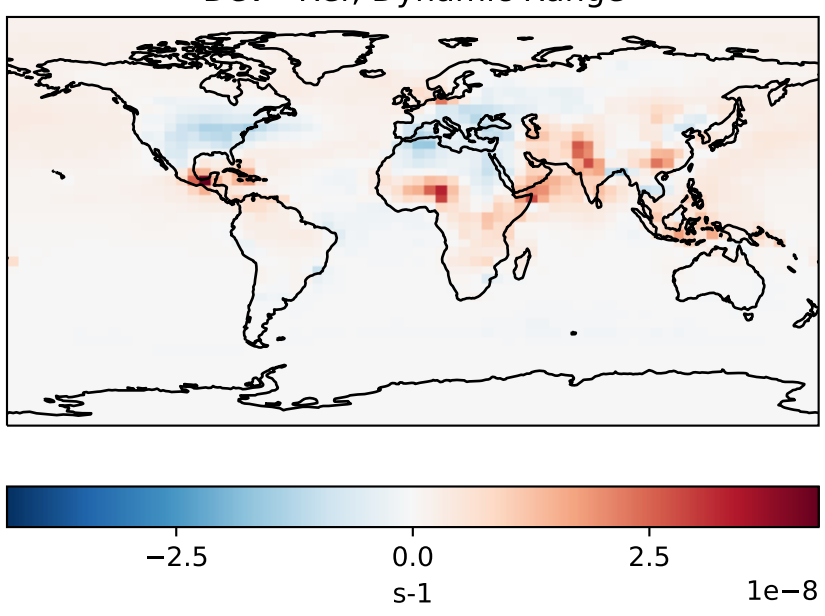
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



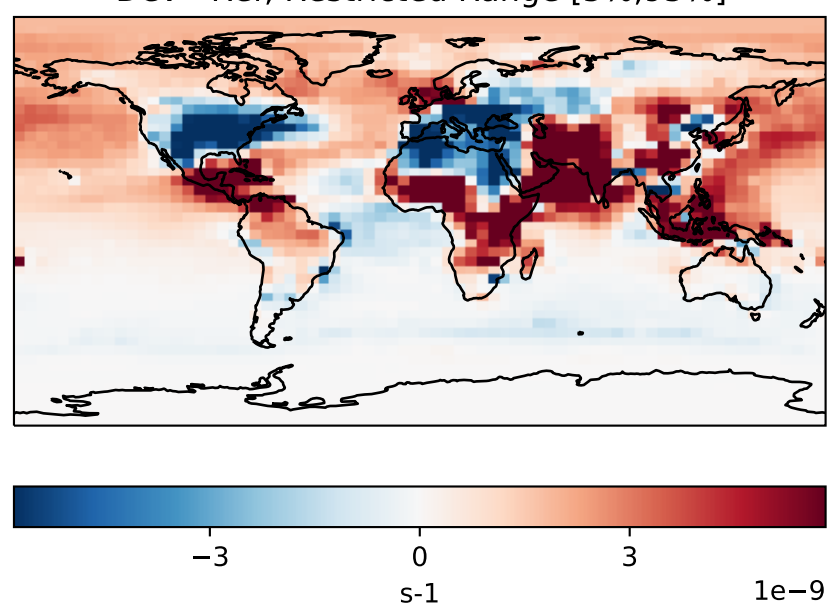
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



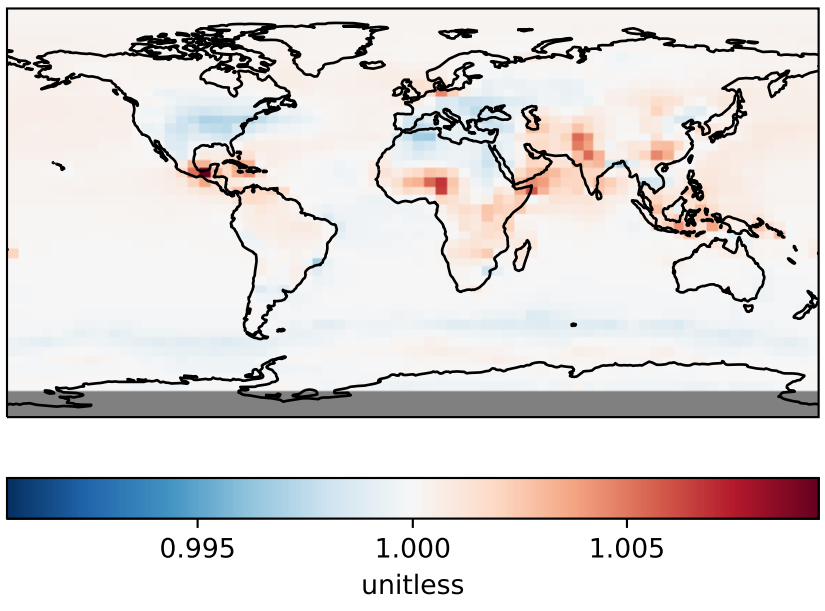
Difference
Dev - Ref, Dynamic Range



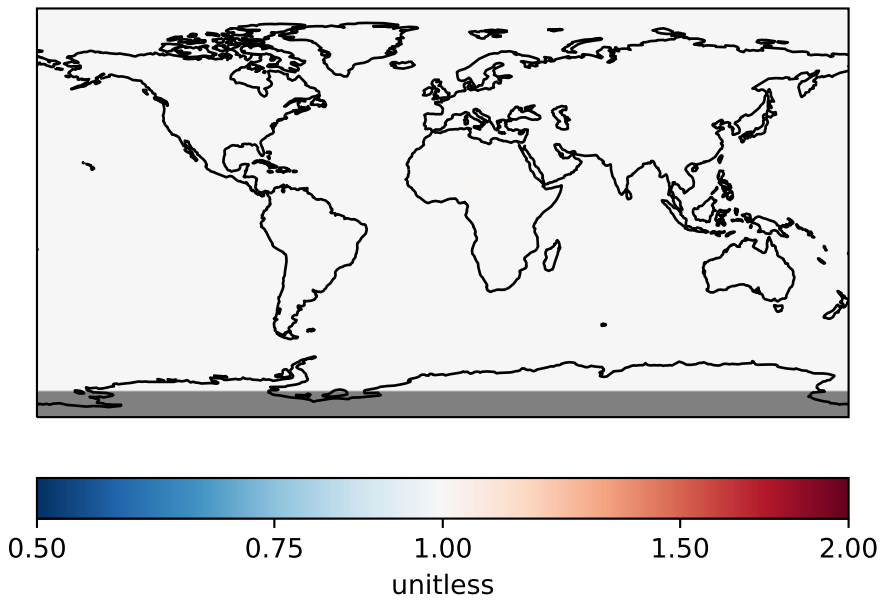
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

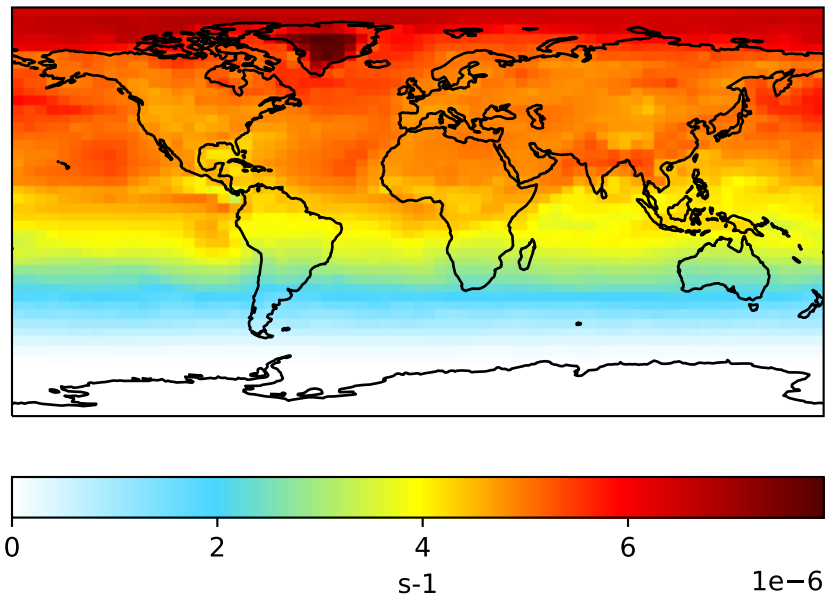


Ratio
Dev/Ref, Fixed Range

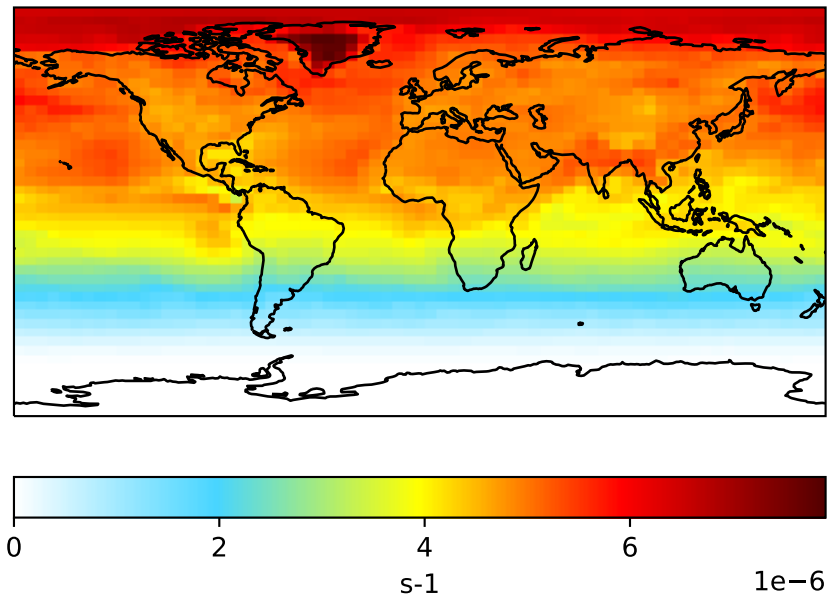


Jval_INPD

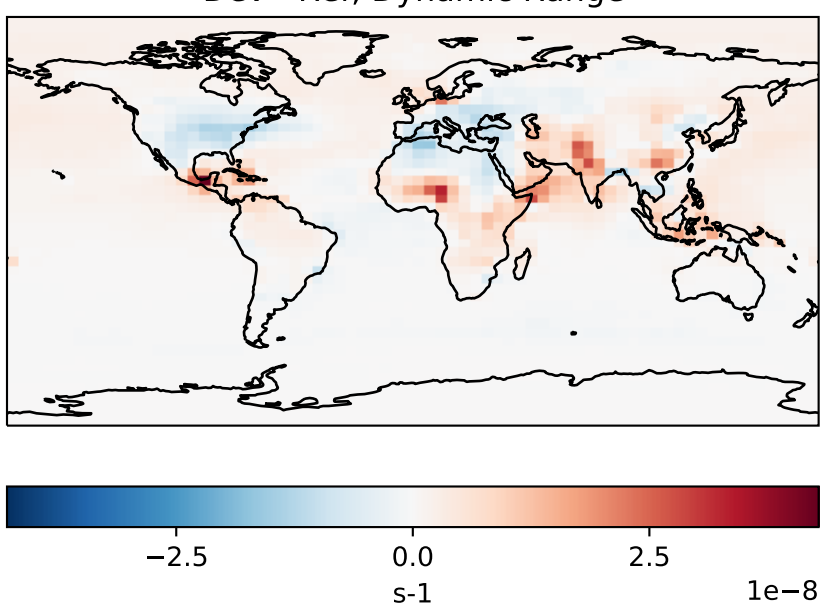
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



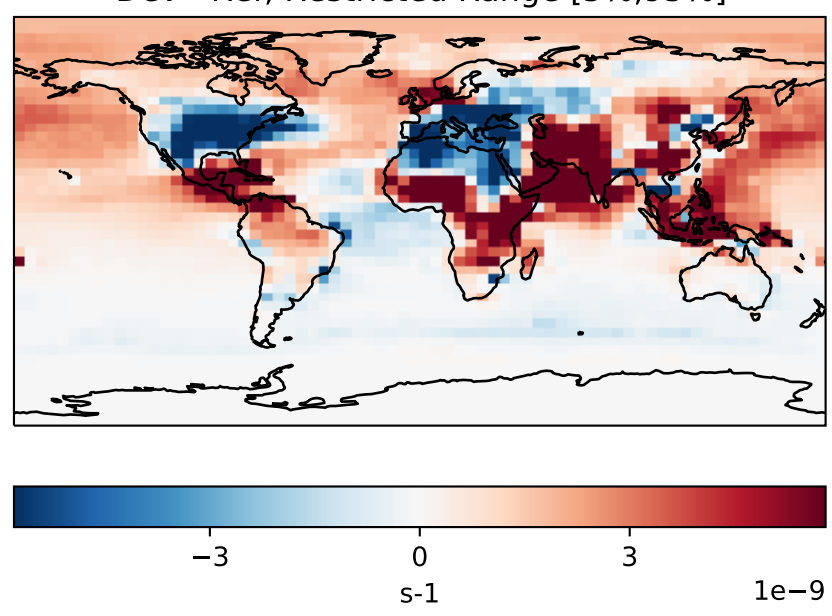
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



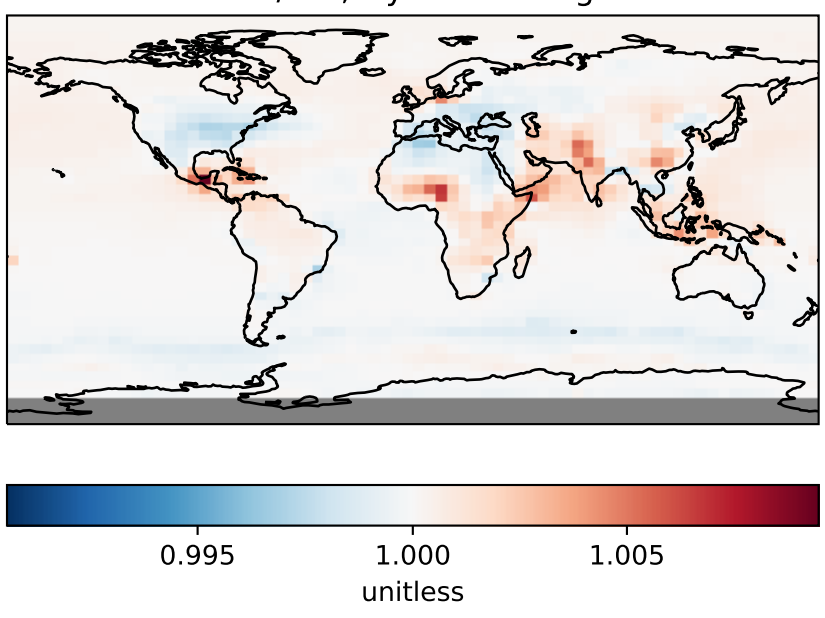
Difference
Dev - Ref, Dynamic Range



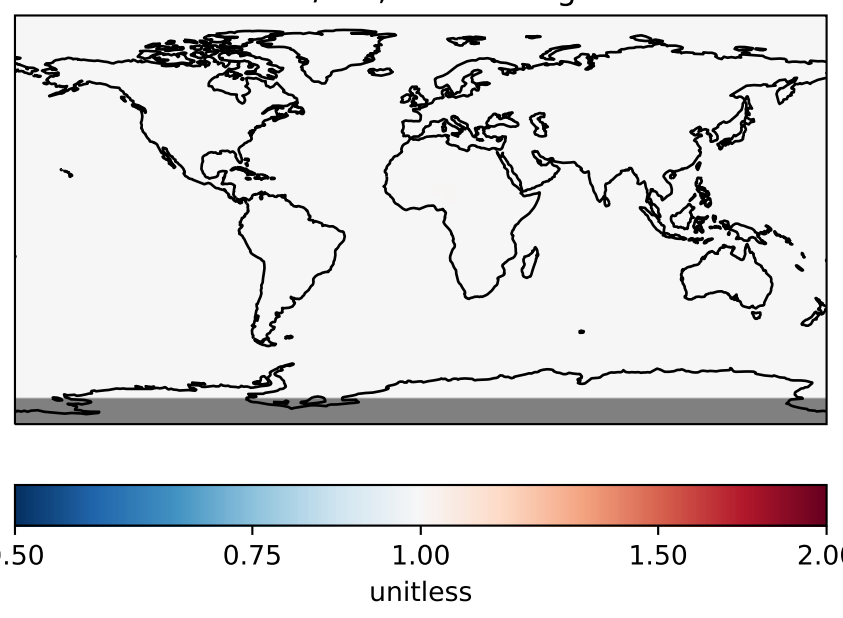
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

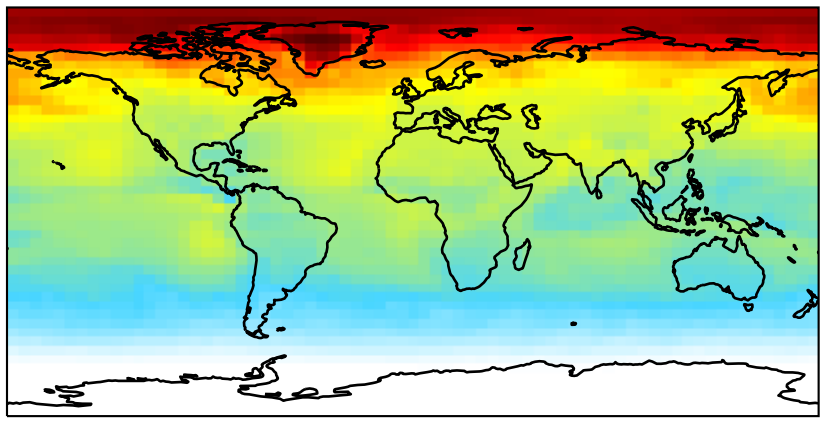


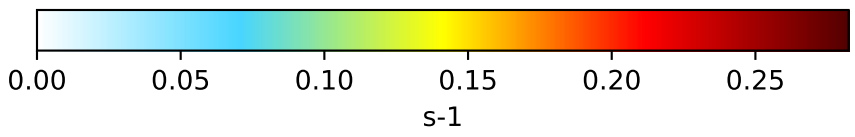
Ratio
Dev/Ref, Fixed Range



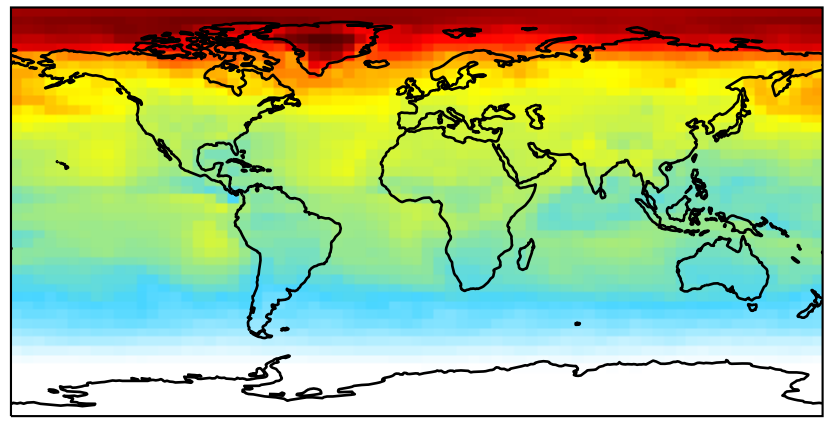
Jval_IO

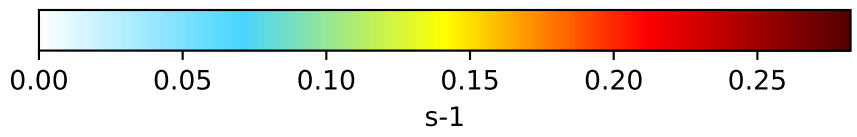
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



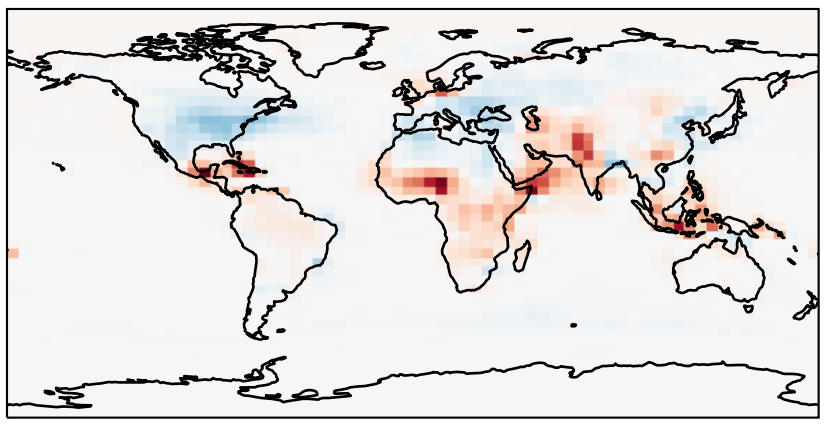


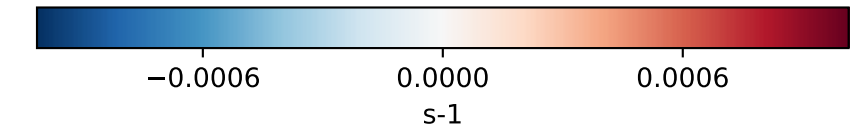
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



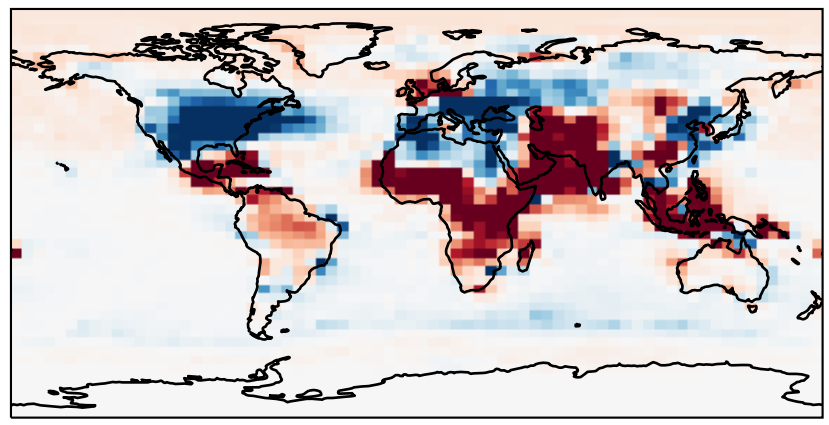


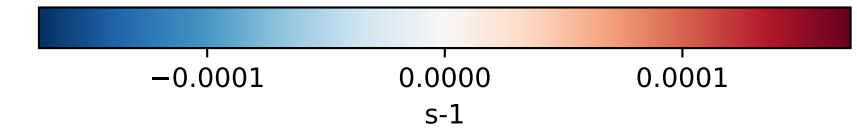
Difference
Dev - Ref, Dynamic Range



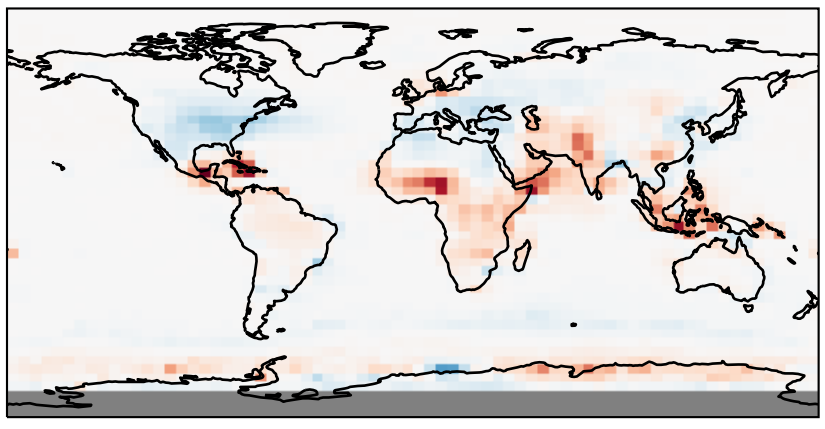


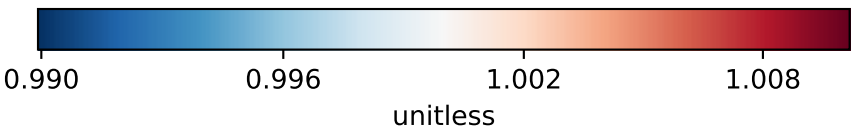
Difference
Dev - Ref, Restricted Range [5%,95%]



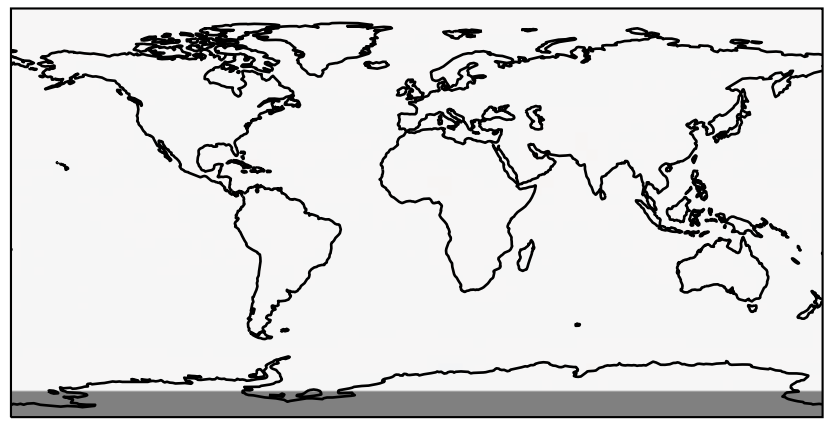


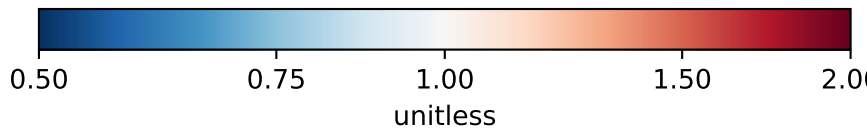
Ratio
Dev/Ref, Dynamic Range





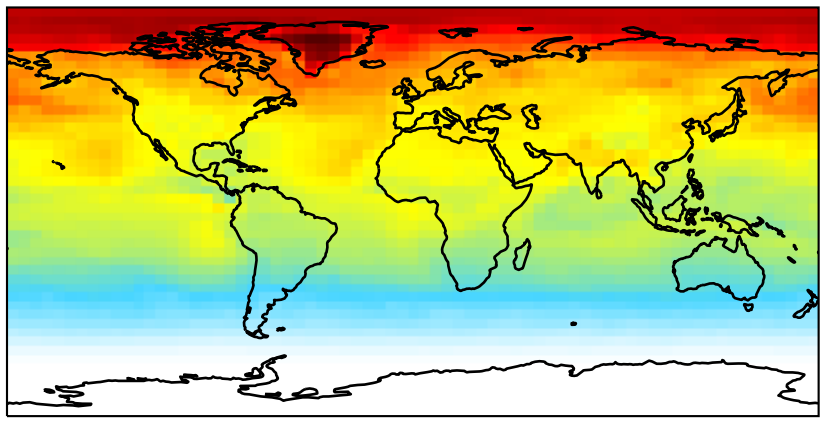
Ratio
Dev/Ref, Fixed Range

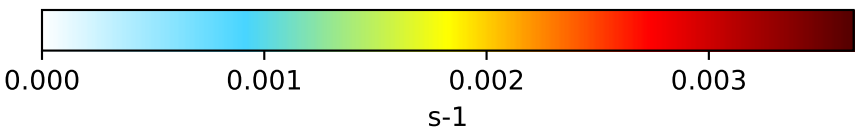




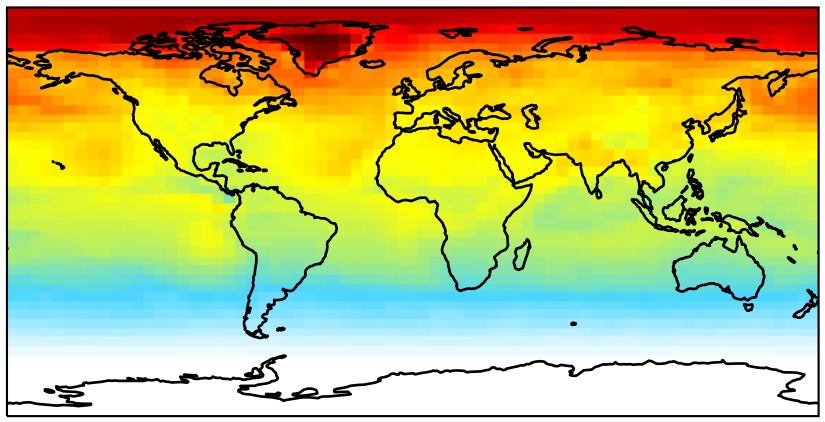
Jval_IONO

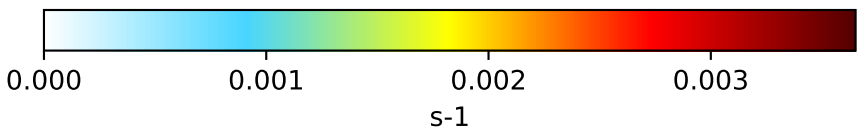
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



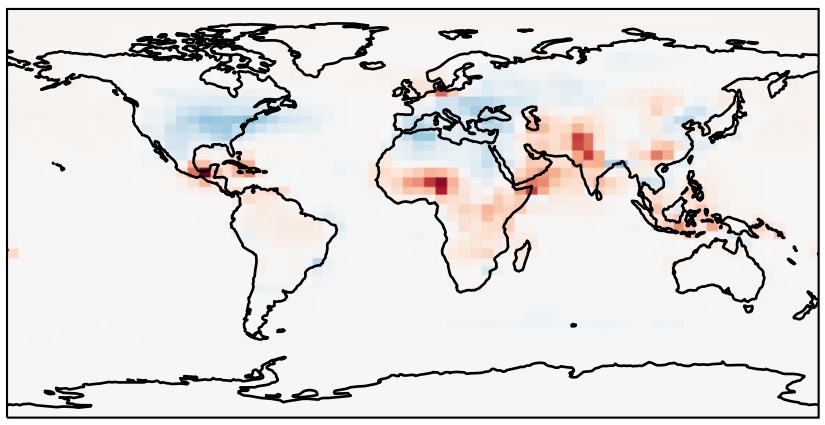


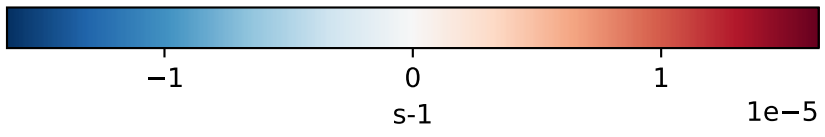
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



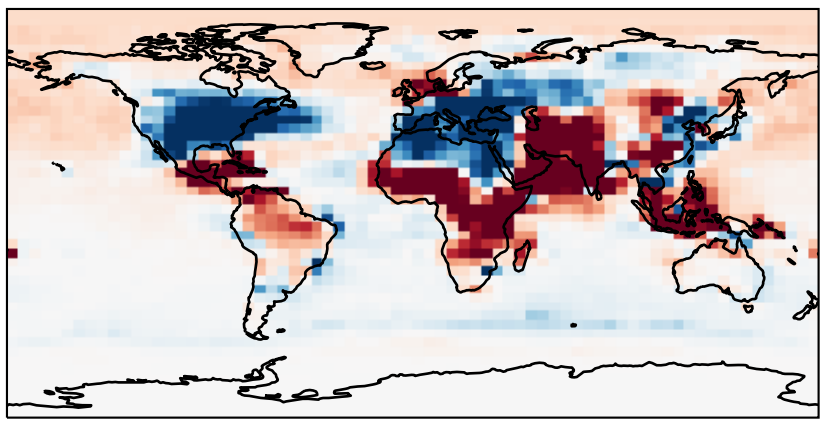


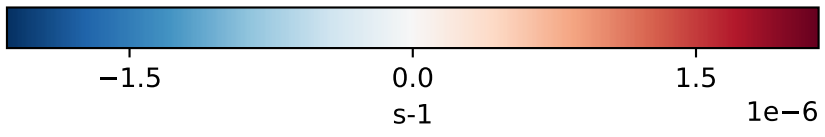
Difference
Dev - Ref, Dynamic Range



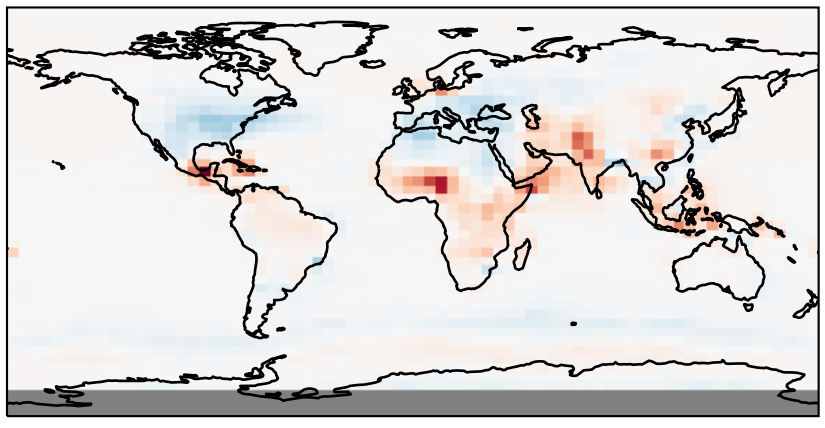


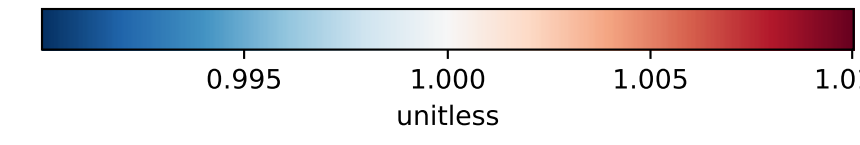
Difference
Dev - Ref, Restricted Range [5%,95%]



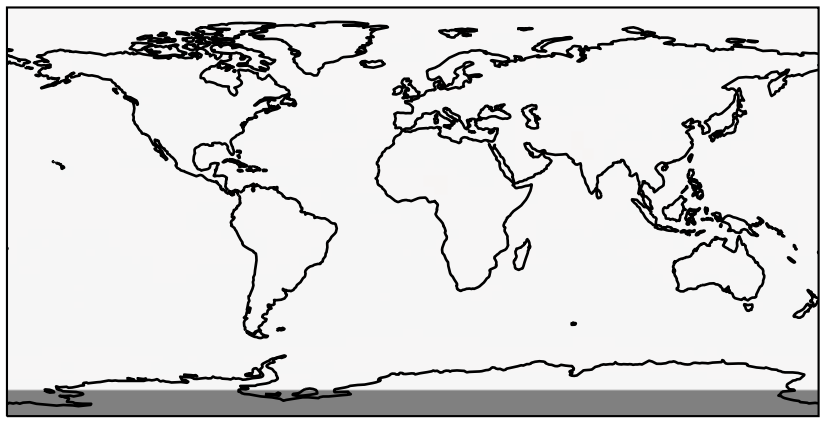


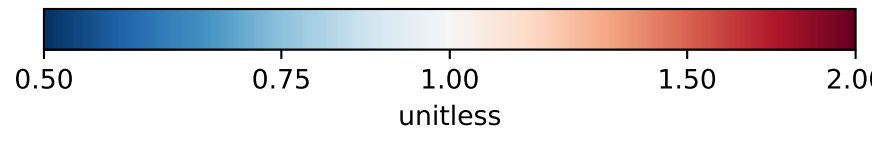
Ratio
Dev/Ref, Dynamic Range





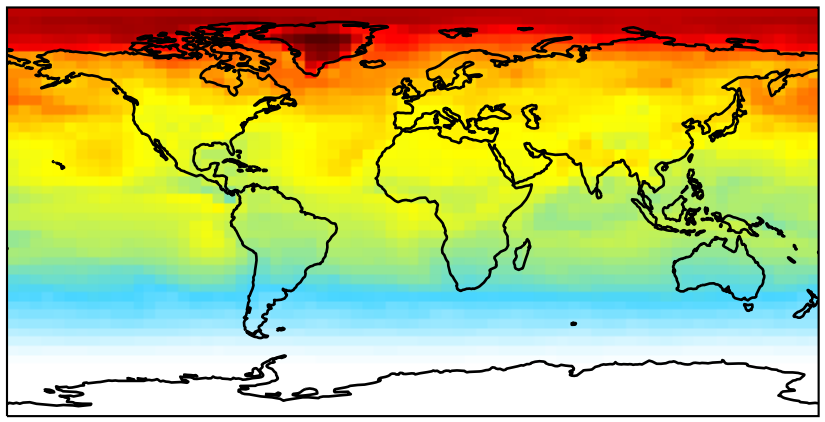
Ratio
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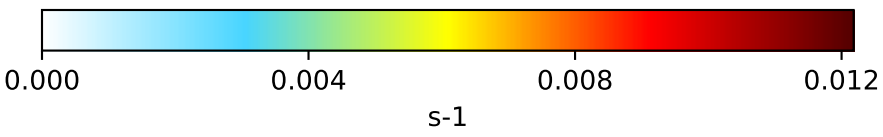




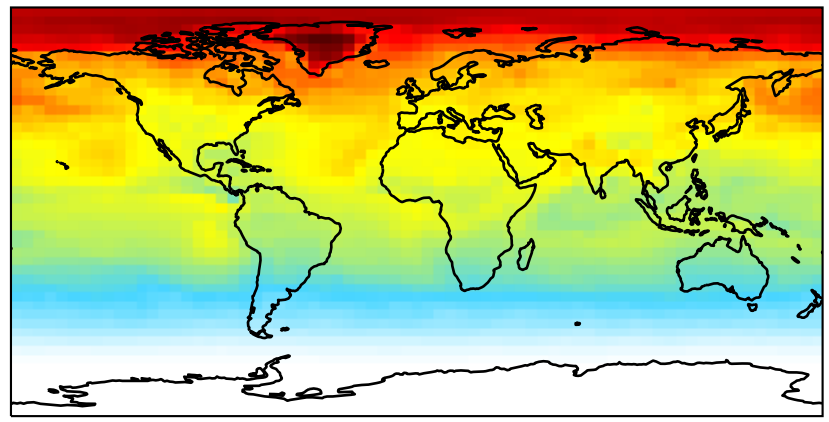
Jval_IONO2

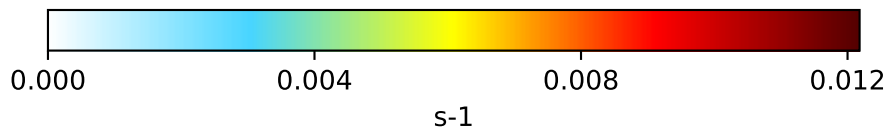
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



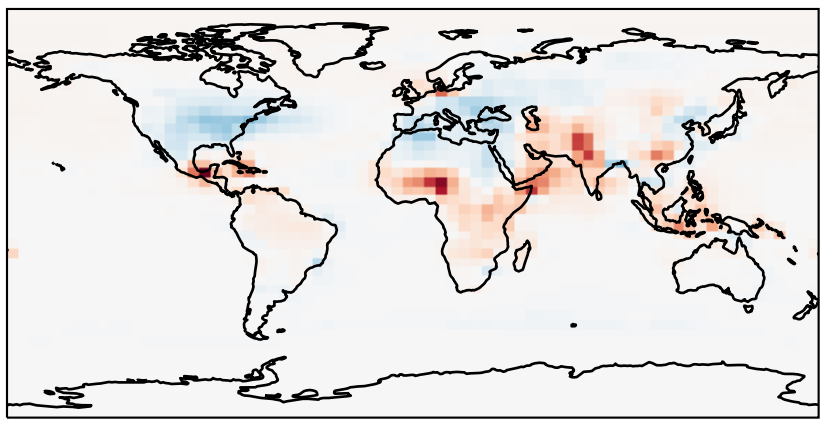


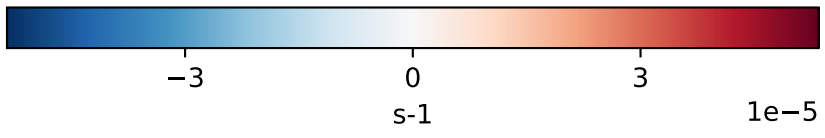
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4.0x5.0



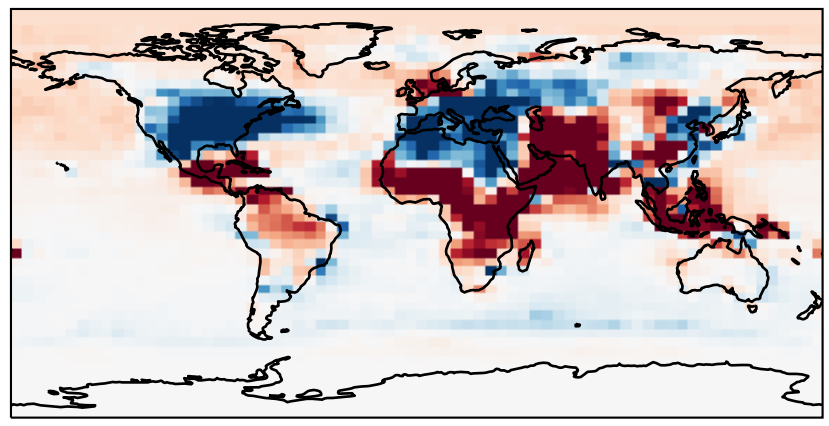


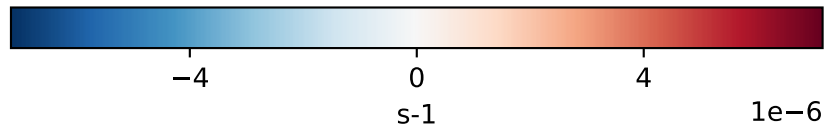
Difference
Dev - Ref, Dynamic Range



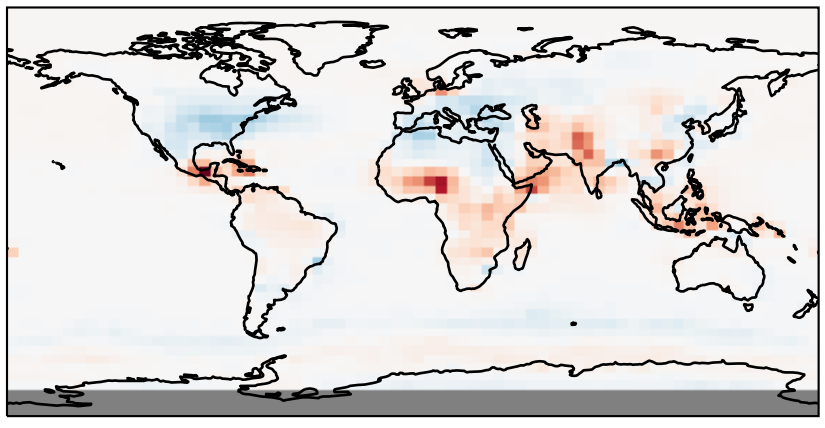


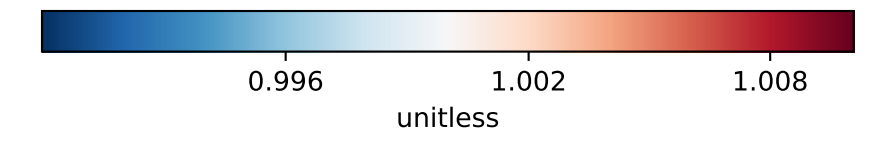
Difference
Dev - Ref, Restricted Range [5%,95%]



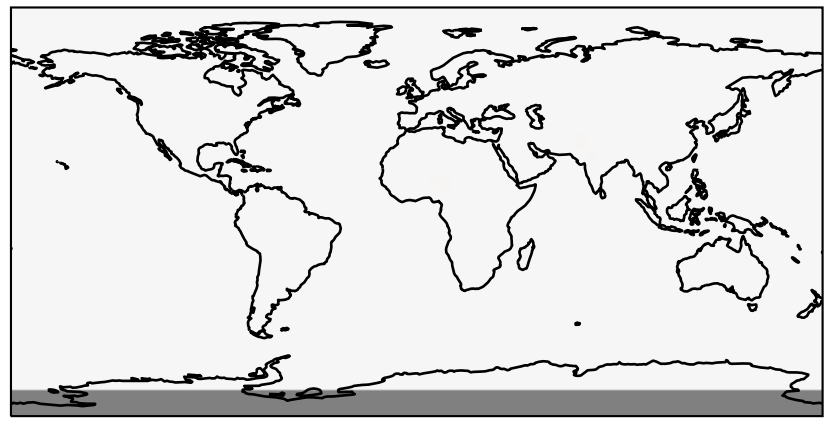


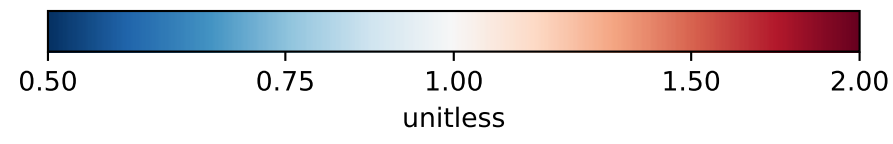
Ratio
Dev/Ref, Dynamic Range





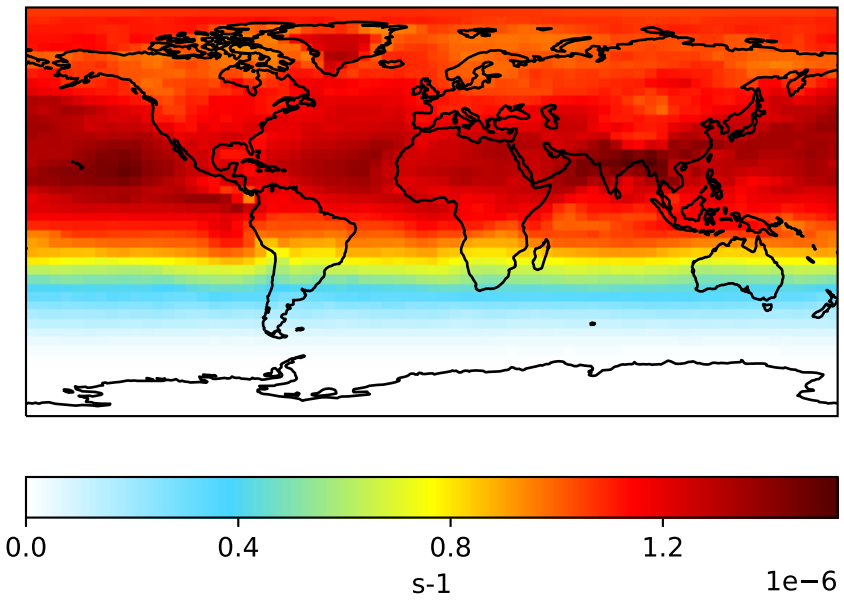
Ratio
Dev/Ref, Fixed Range



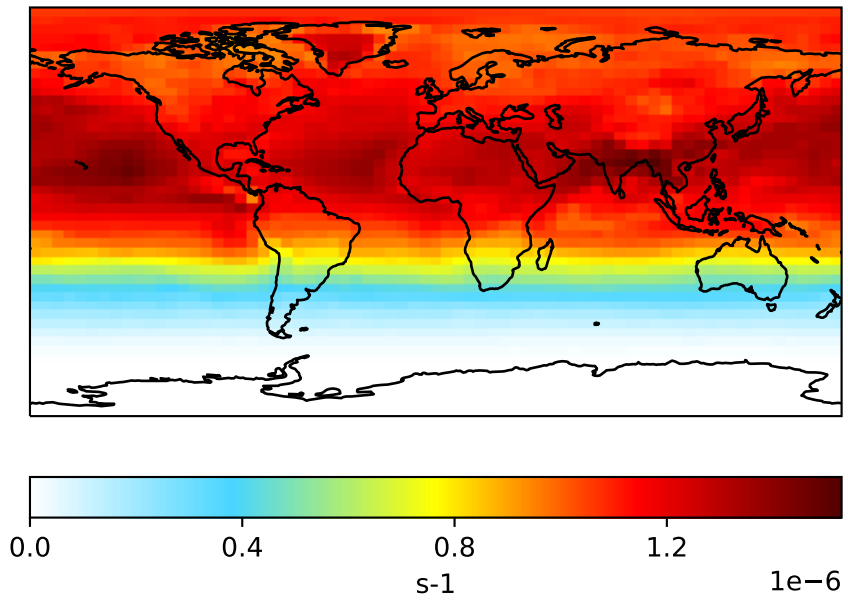


Jval_IPRNO3

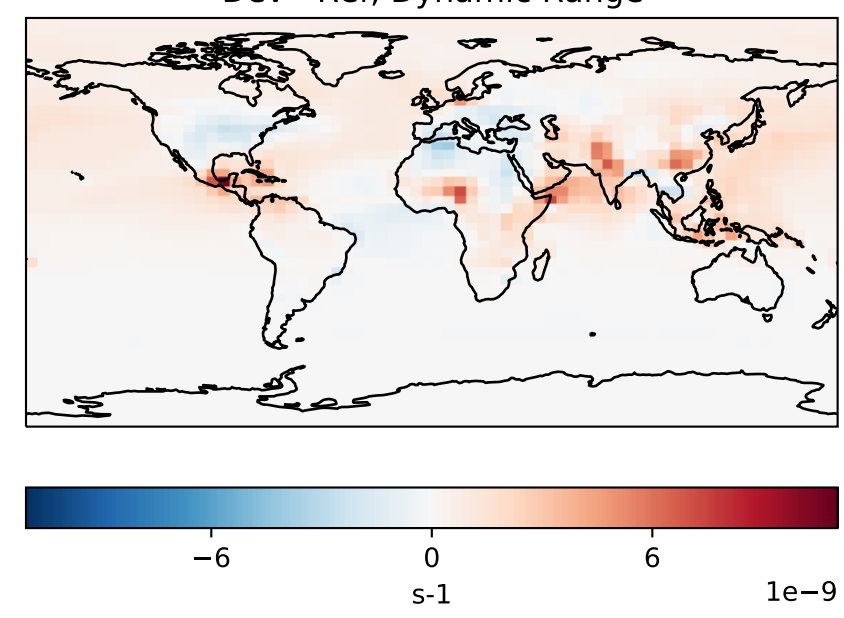
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



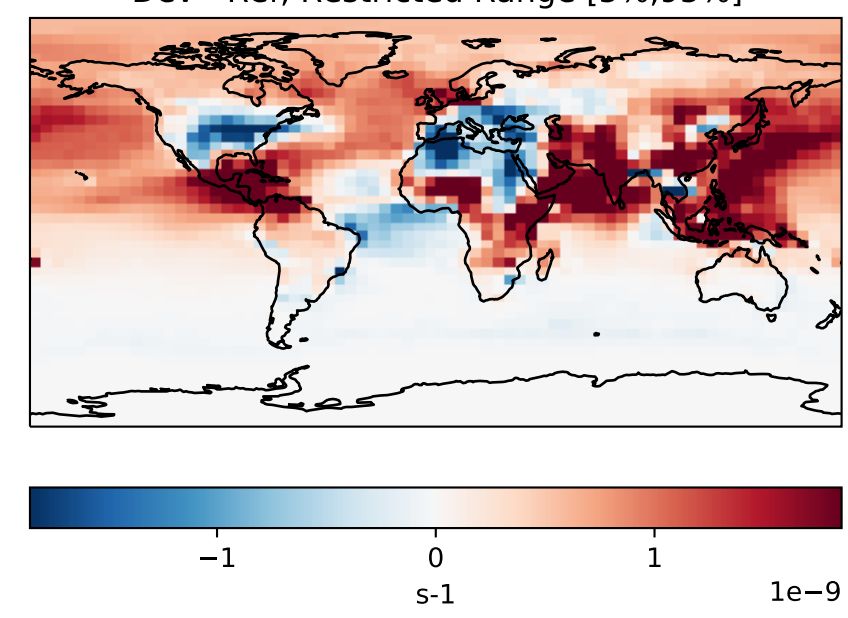
GCC_13.2.0-beta.0 (Dev)
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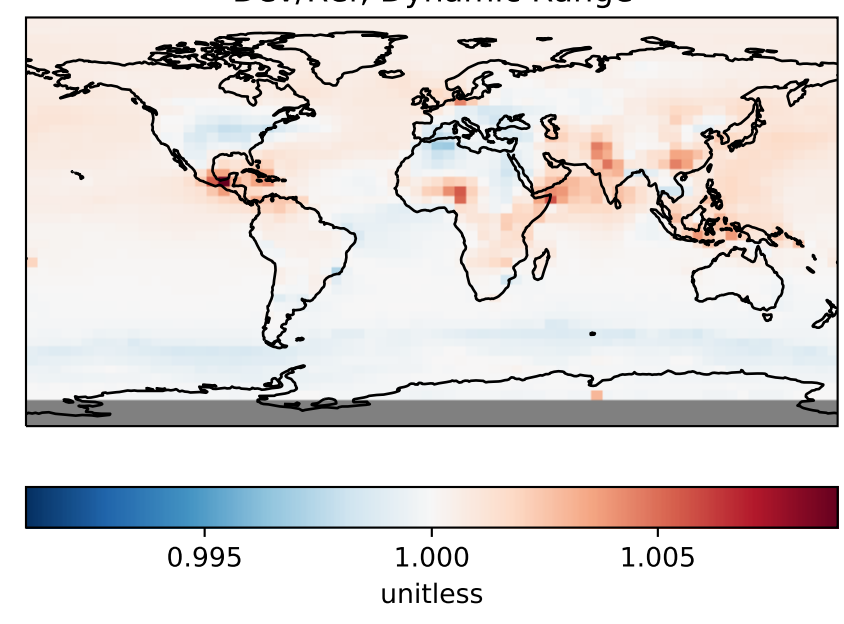
Difference
Dev - Ref, Dynamic Range



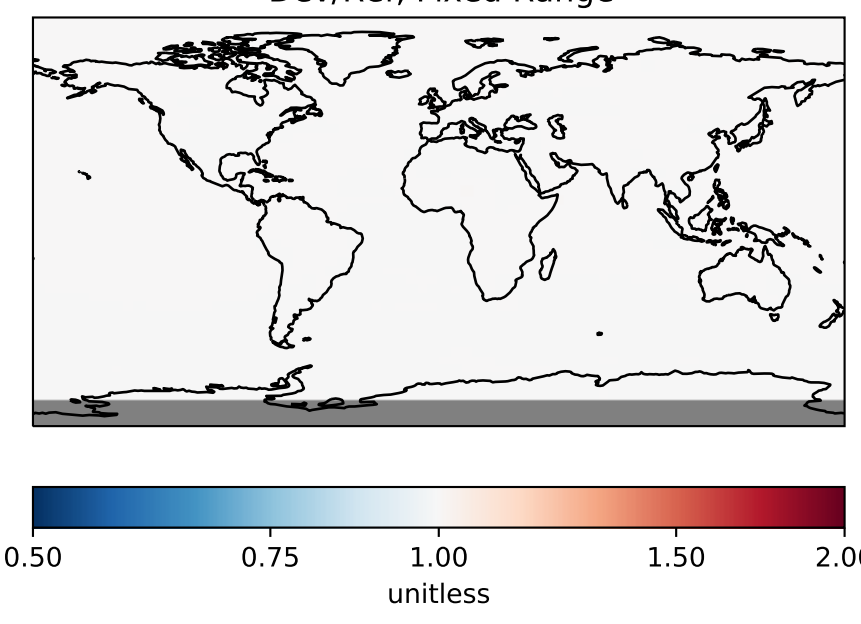
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

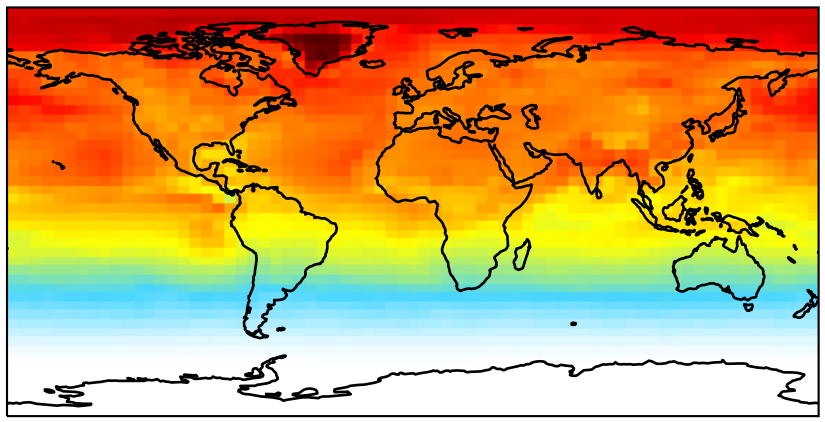


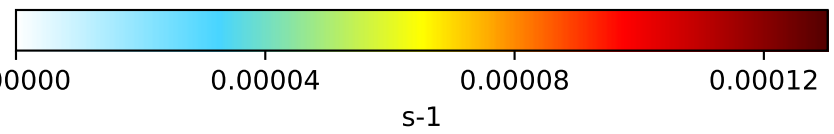
Ratio
Dev/Ref, Fixed Range



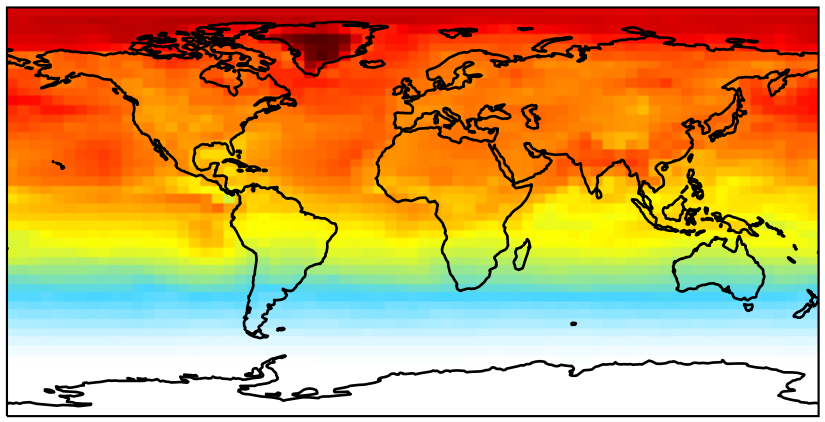
Jval_ITCN

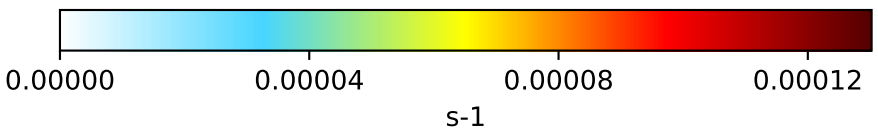
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



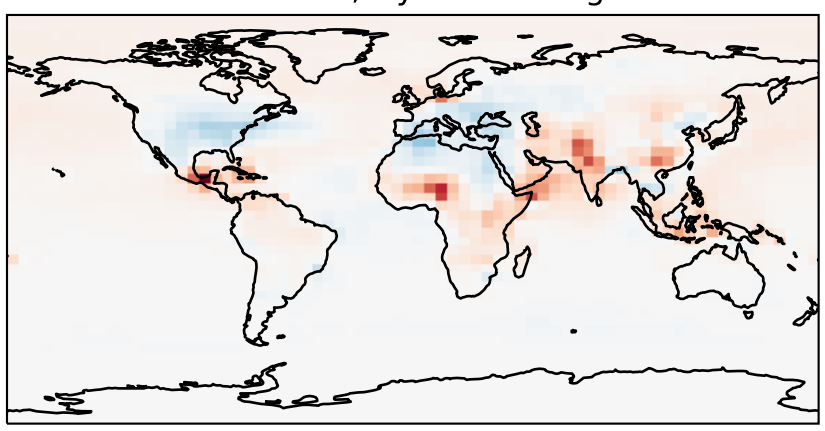


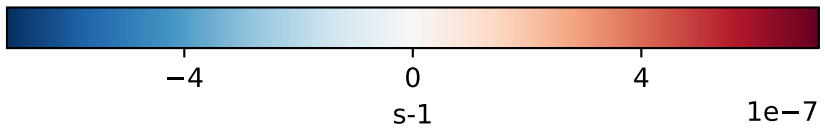
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



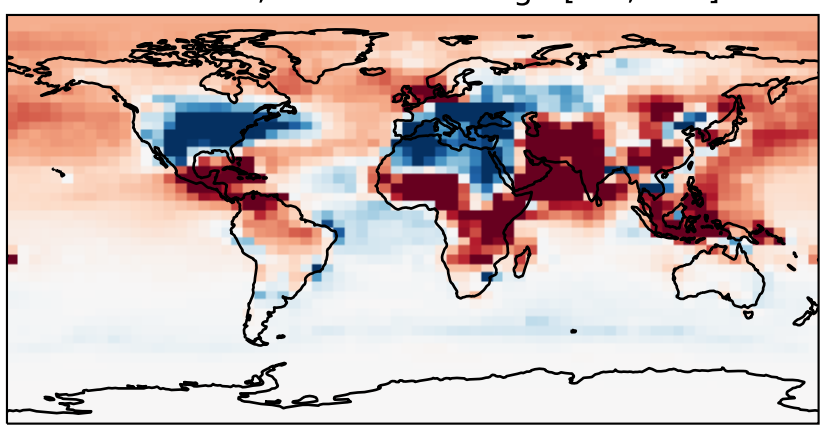


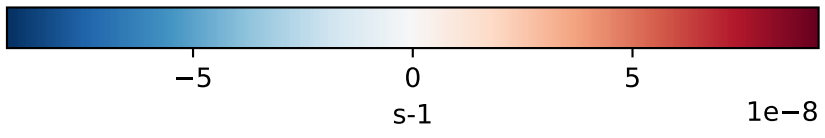
Difference
Dev - Ref, Dynamic Range



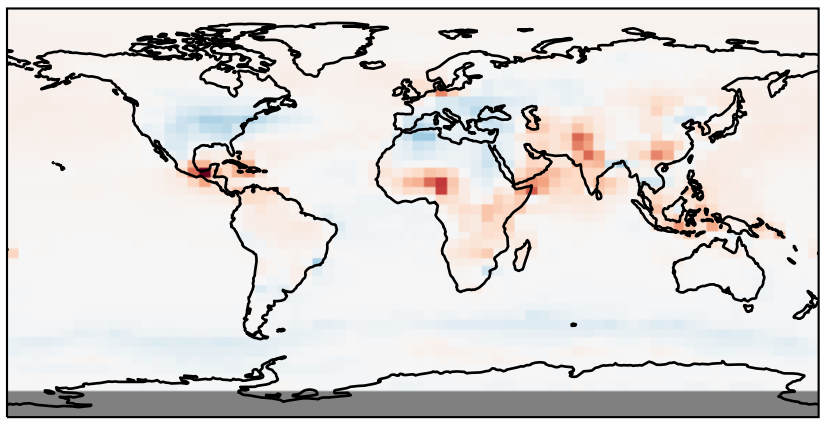


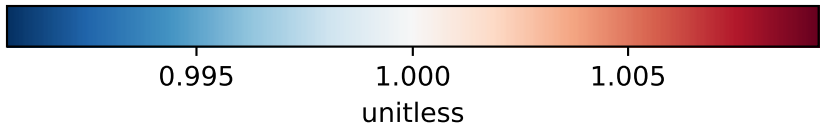
Difference
Dev - Ref, Restricted Range [5%,95%]



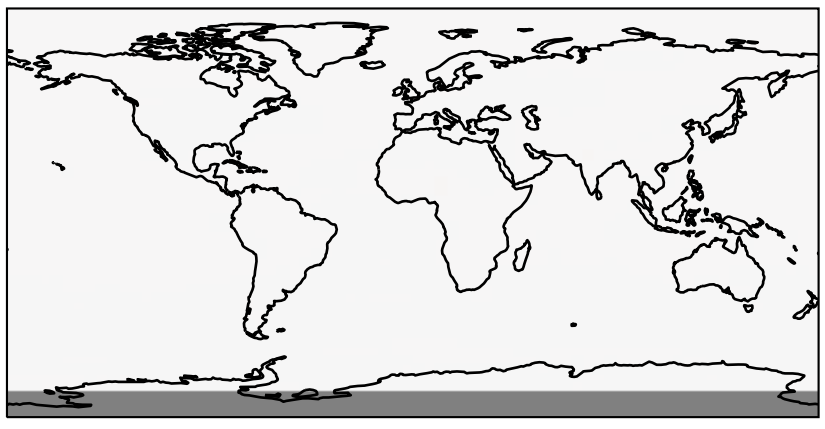


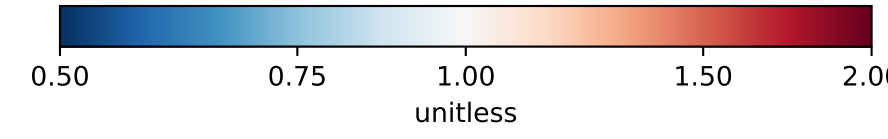
Ratio
Dev/Ref, Dynamic Range





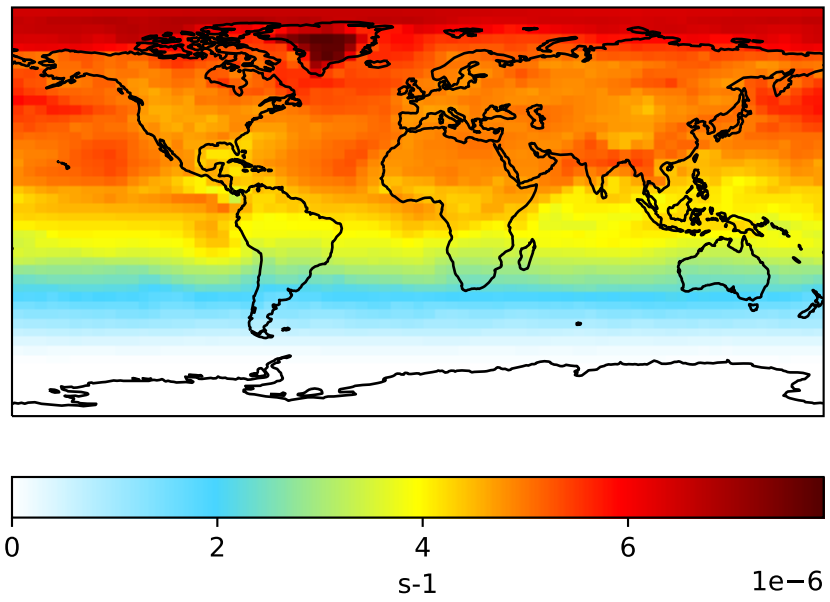
Ratio
Dev/Ref, Fixed Range



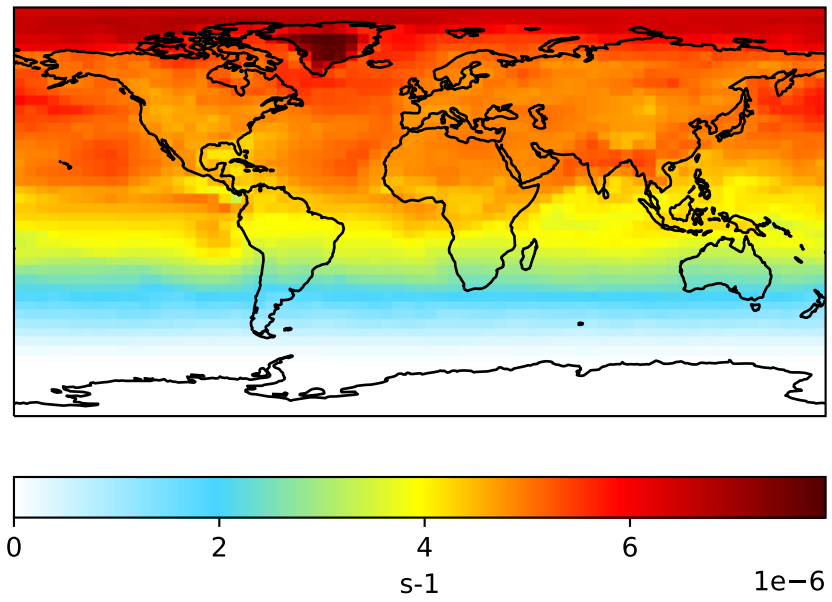


Jval_ITHN

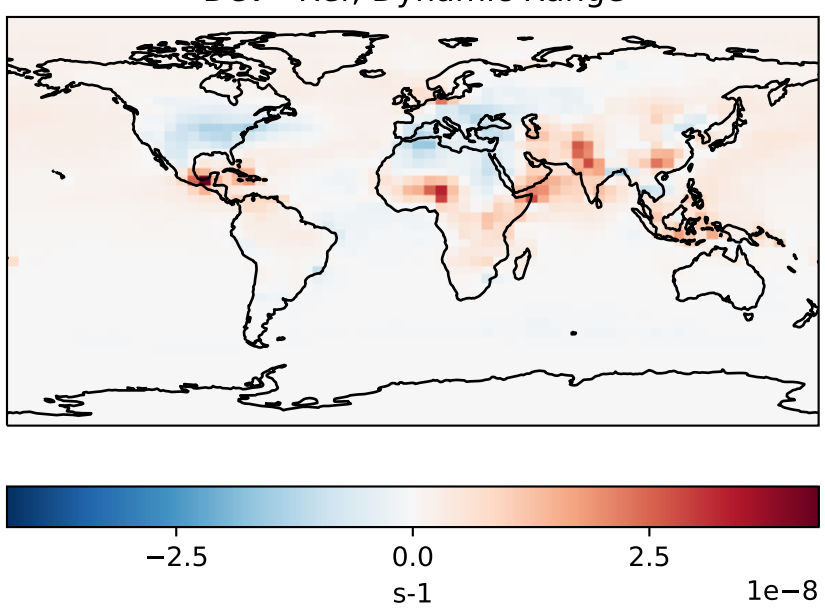
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



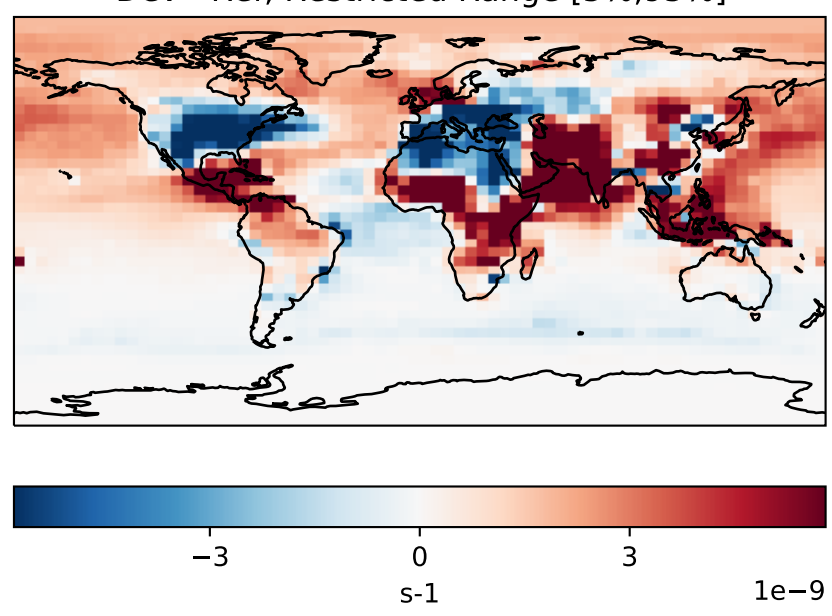
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



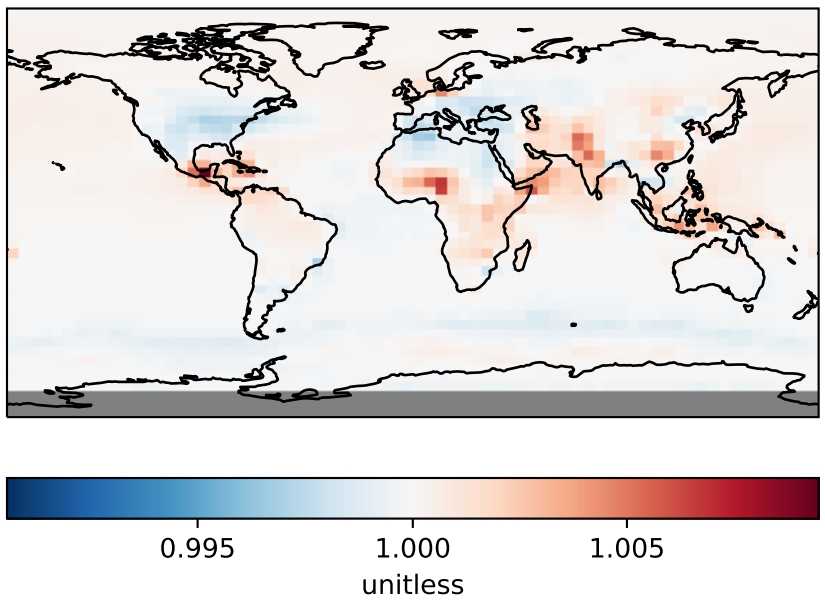
Difference
Dev - Ref, Dynamic Range



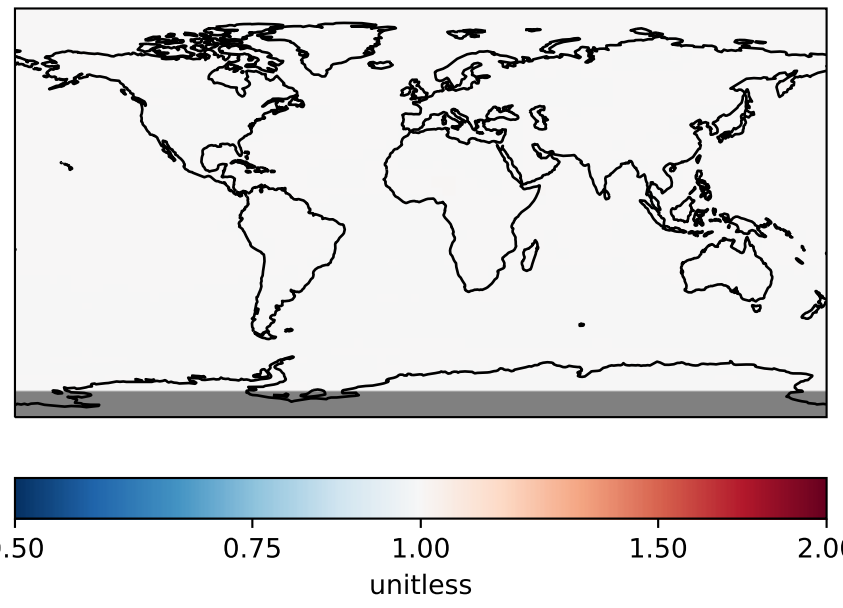
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

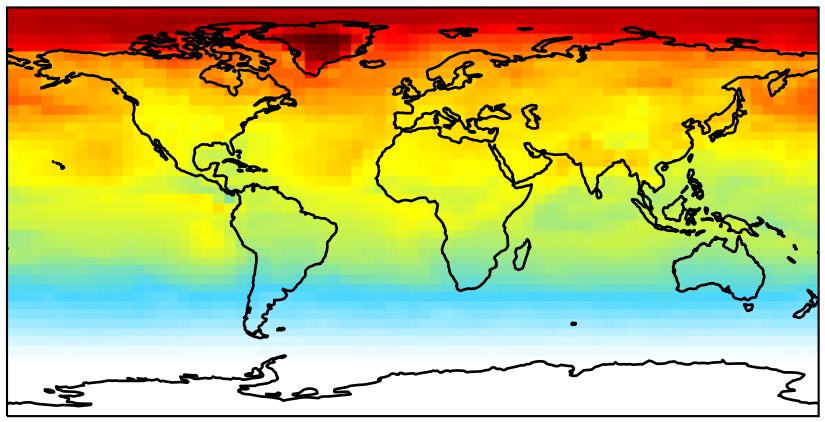


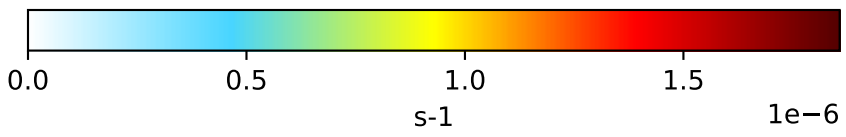
Ratio
Dev/Ref, Fixed Range



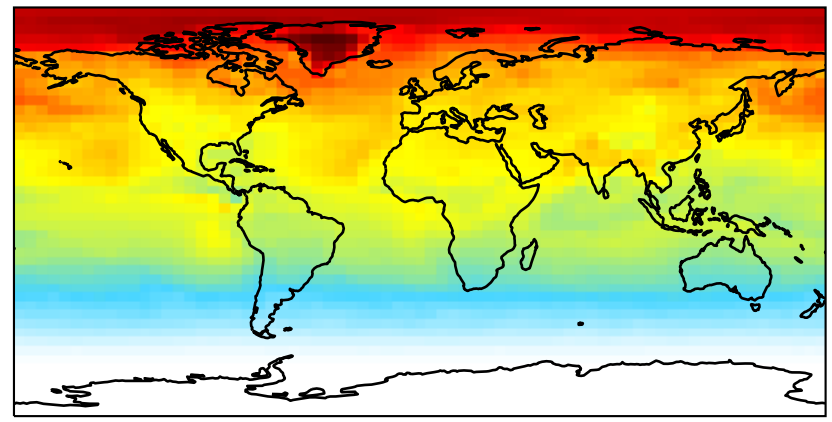
Jval_MACR

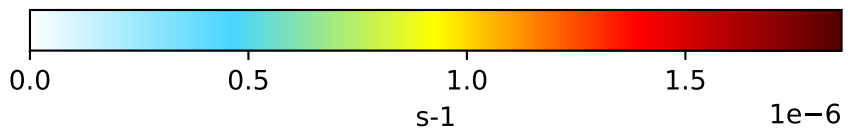
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



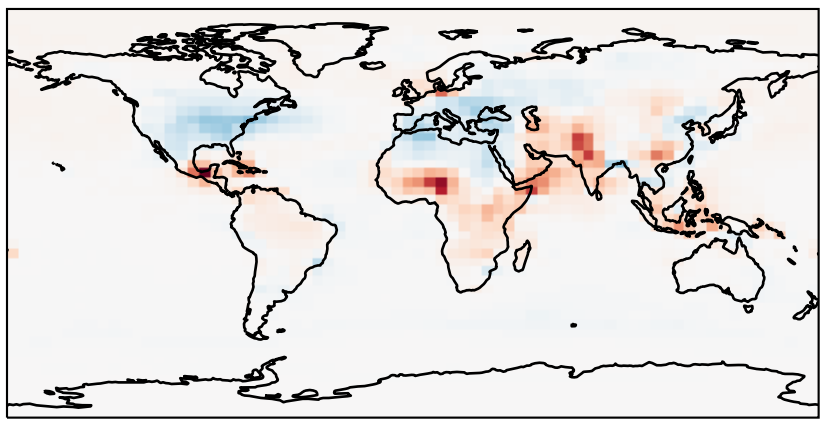


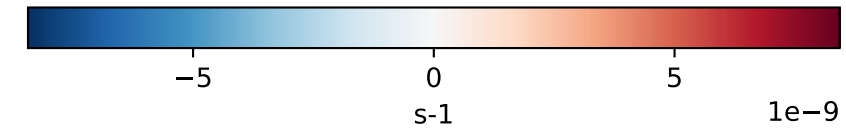
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



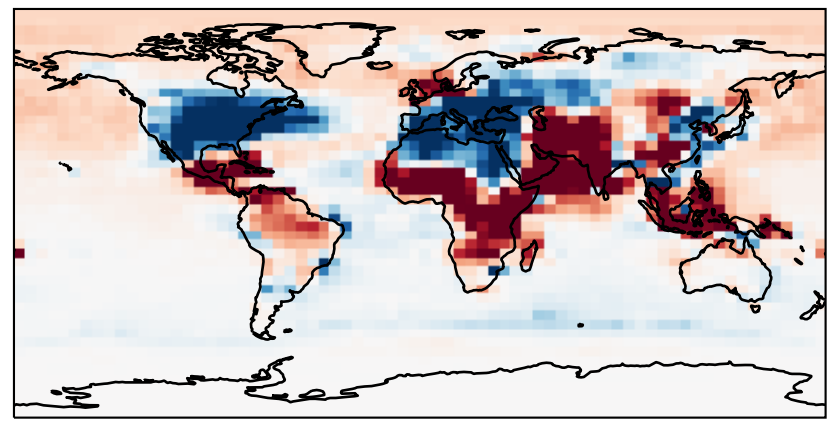


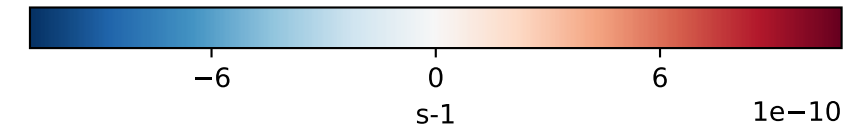
Difference
Dev - Ref, Dynamic Range



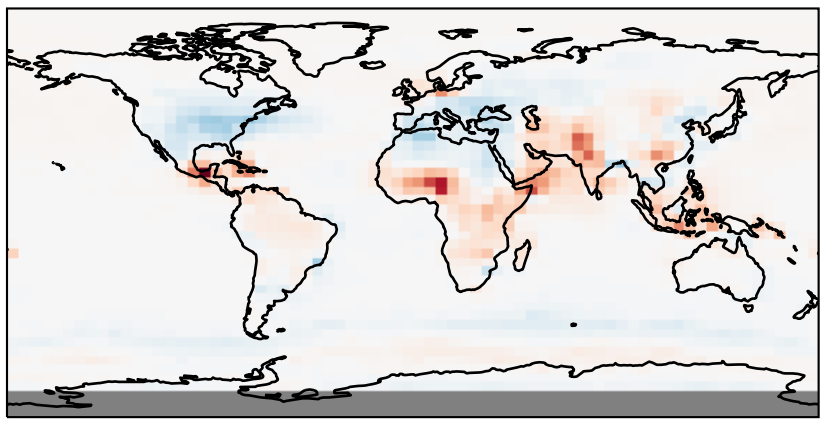


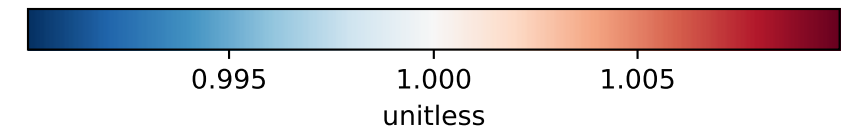
Difference
Dev - Ref, Restricted Range [5%,95%]



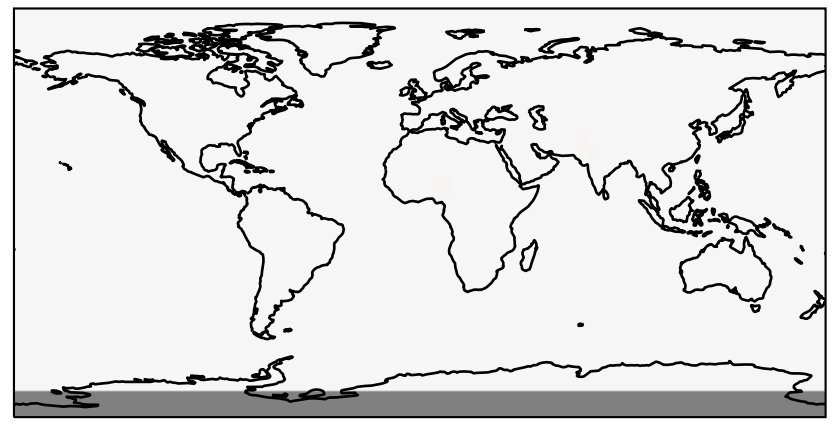


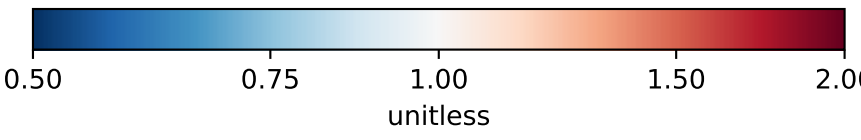
Ratio
Dev/Ref, Dynamic Range





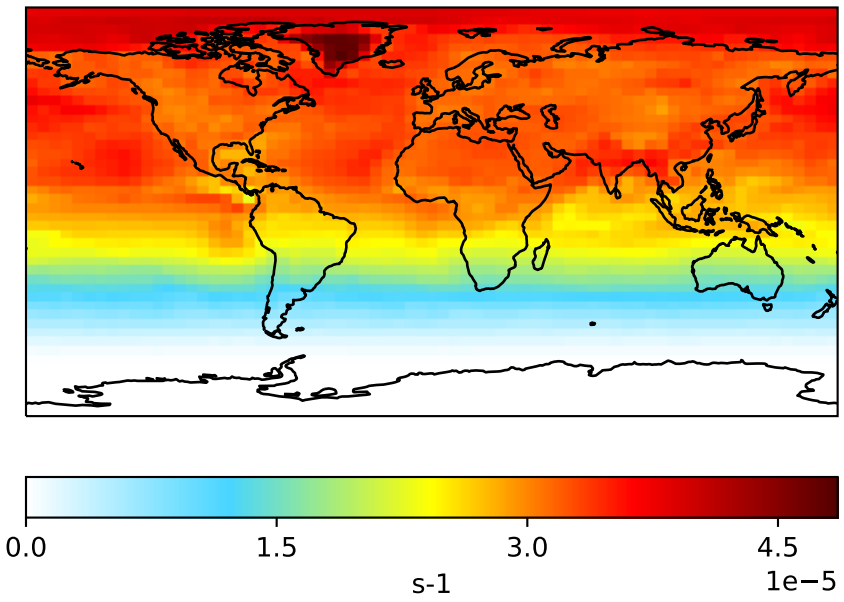
Ratio
Dev/Ref, Fixed Range



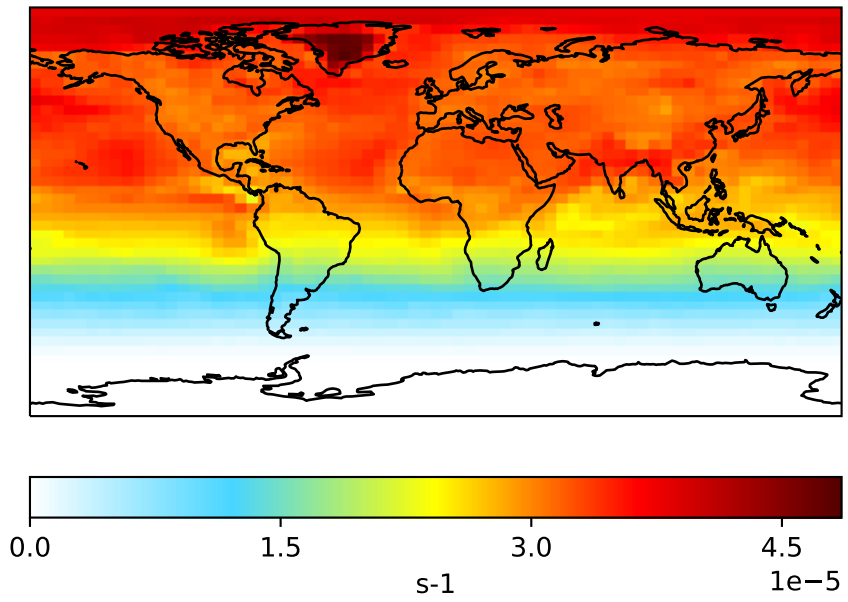


Jval_MACR1OOH

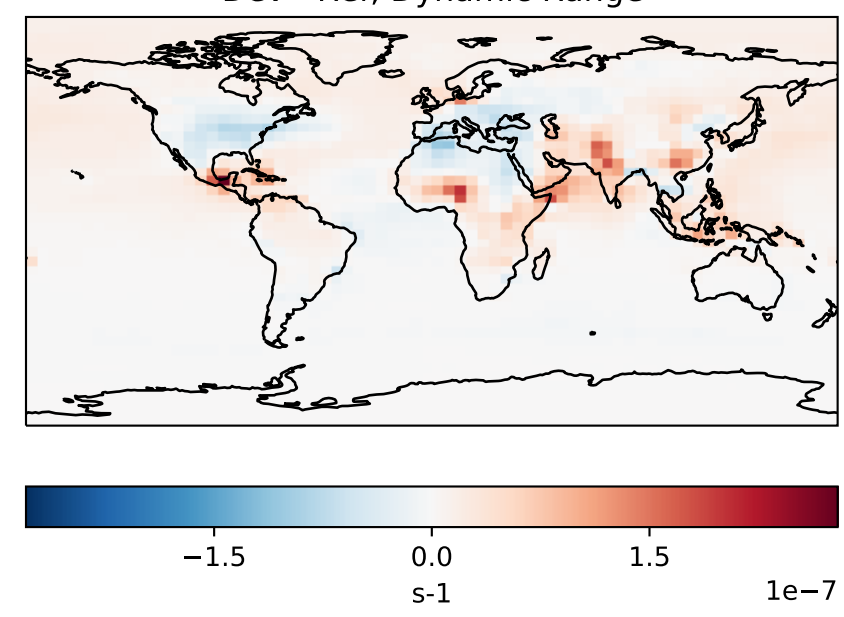
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



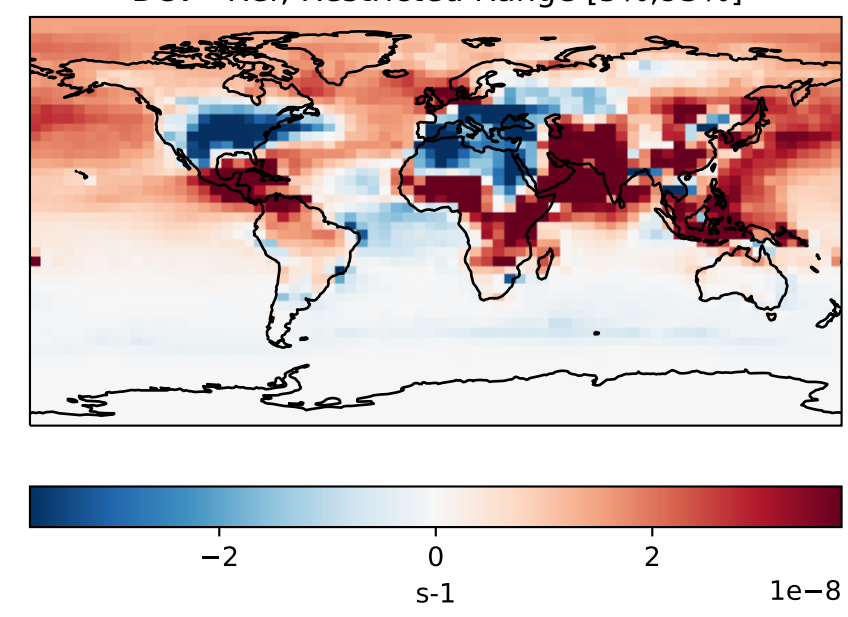
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



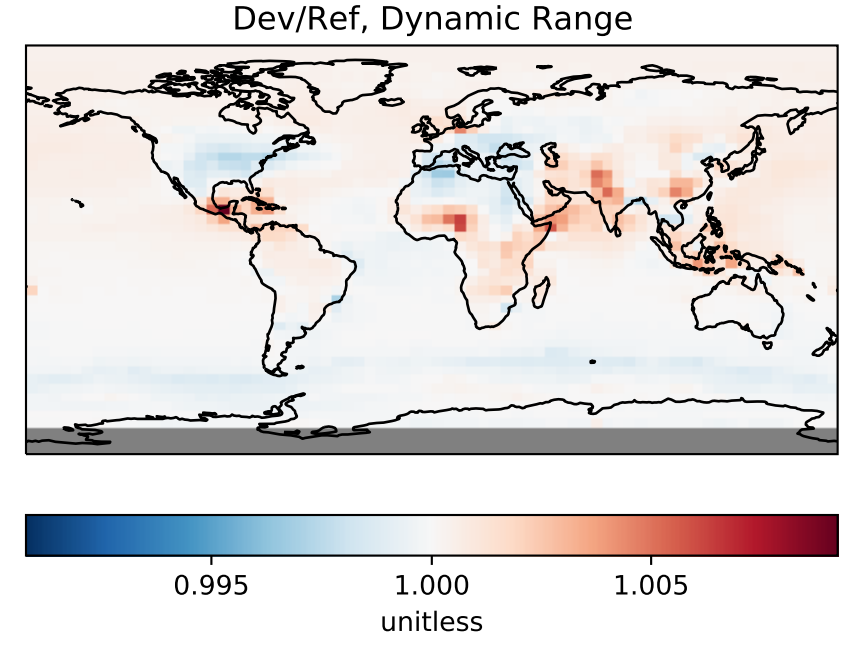
Difference
Dev - Ref, Dynamic Range



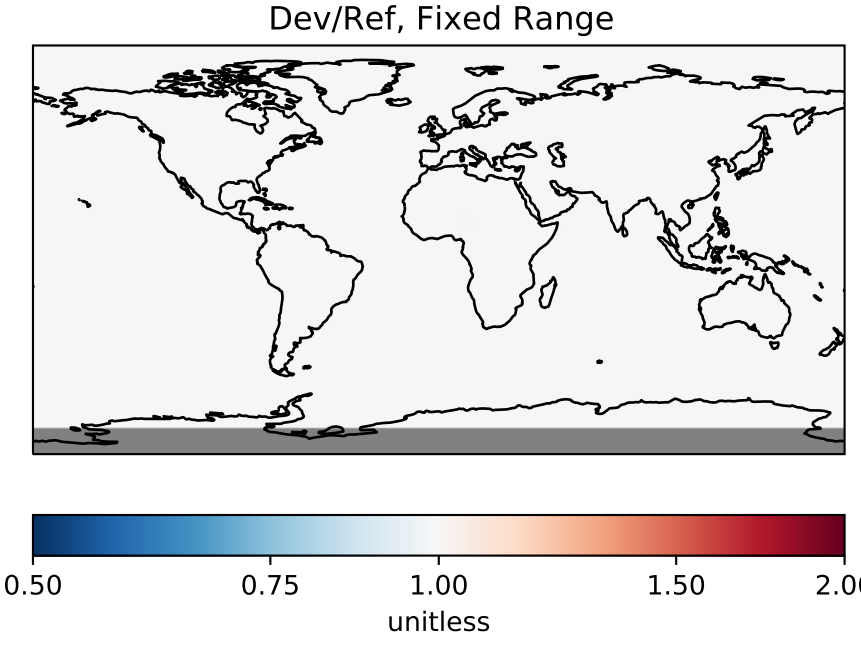
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

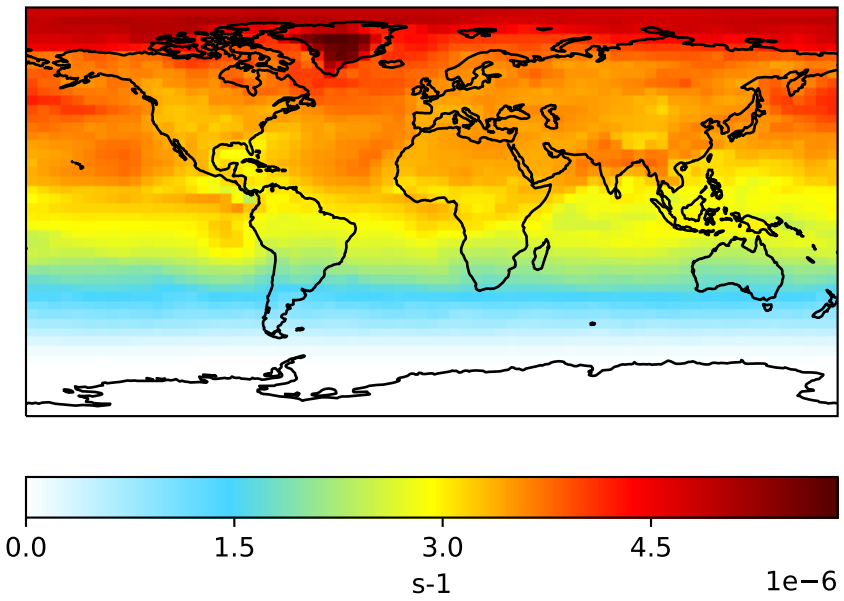


Ratio
Dev/Ref, Fixed Range

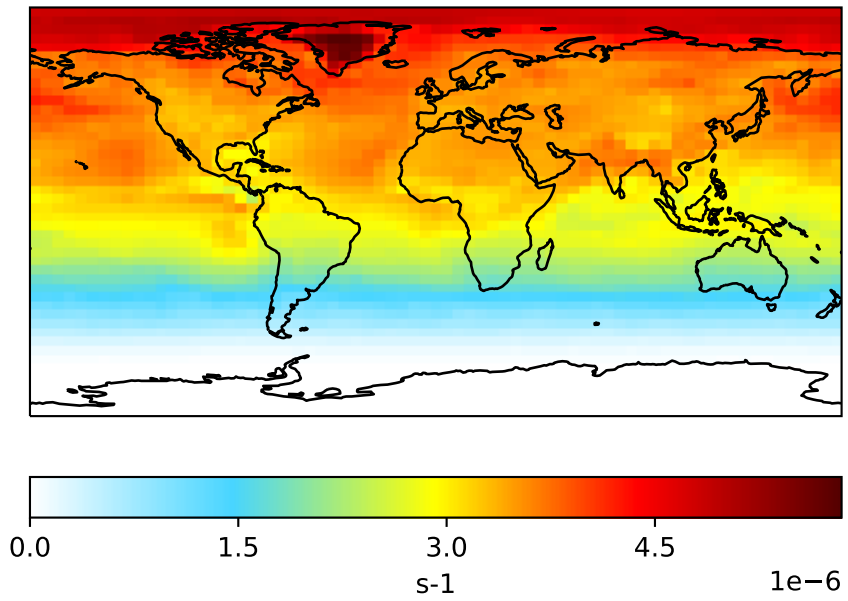


Jval_MAP

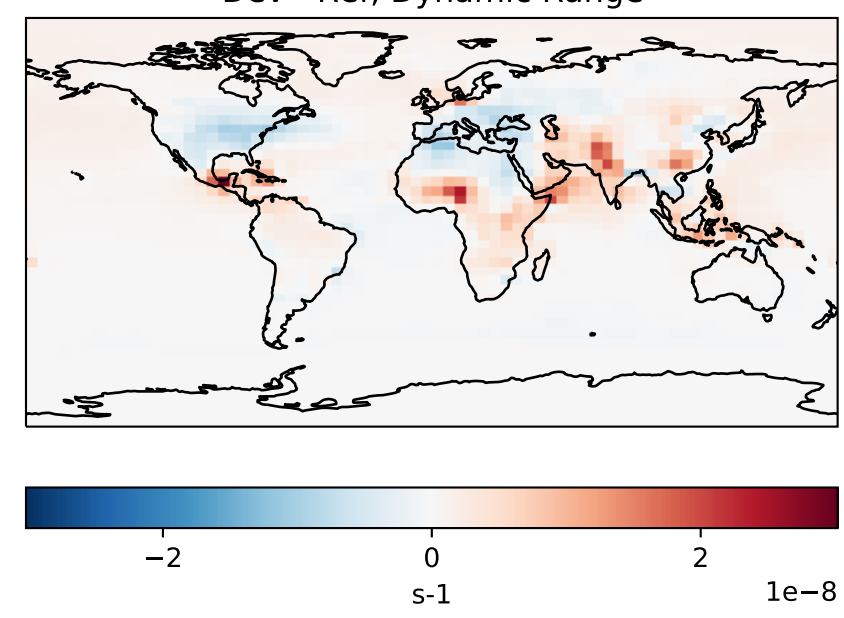
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



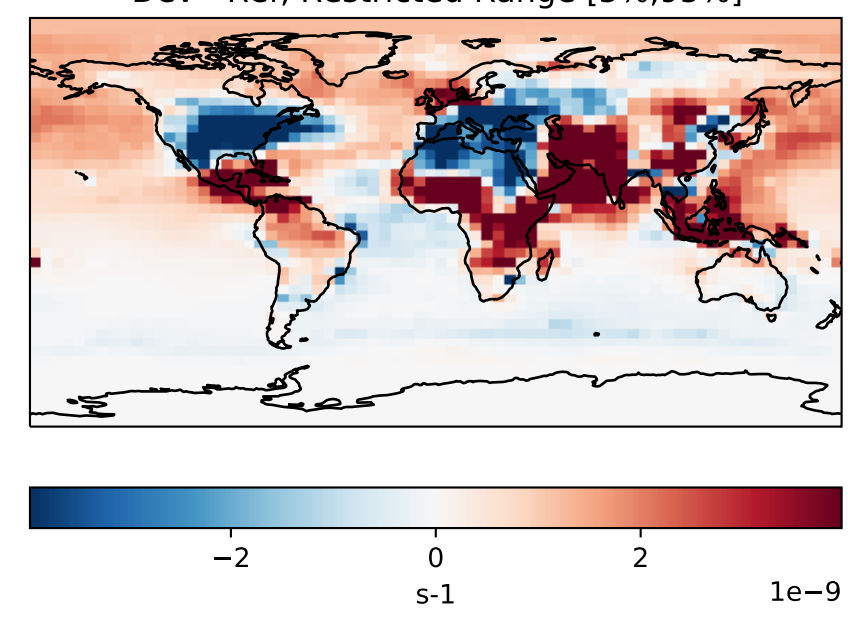
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



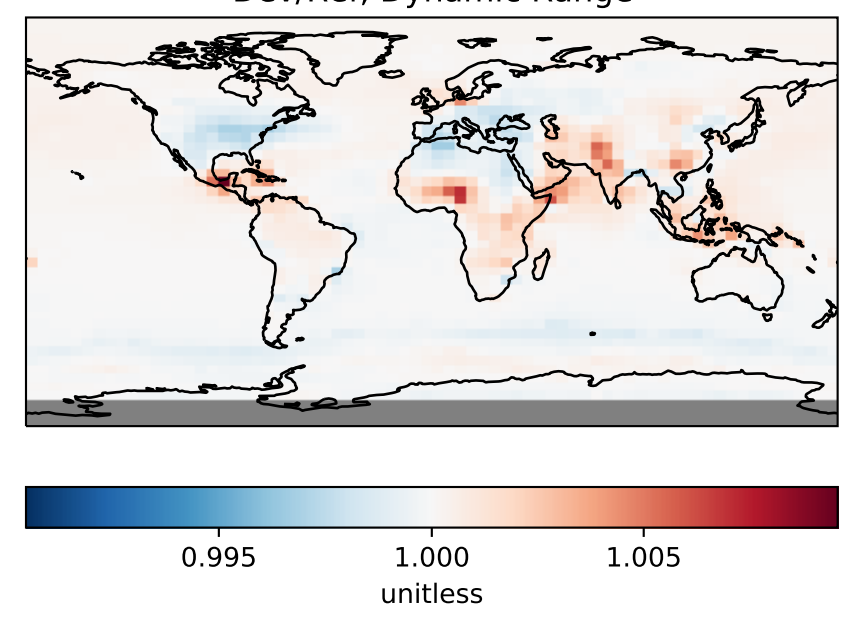
Difference
Dev - Ref, Dynamic Range



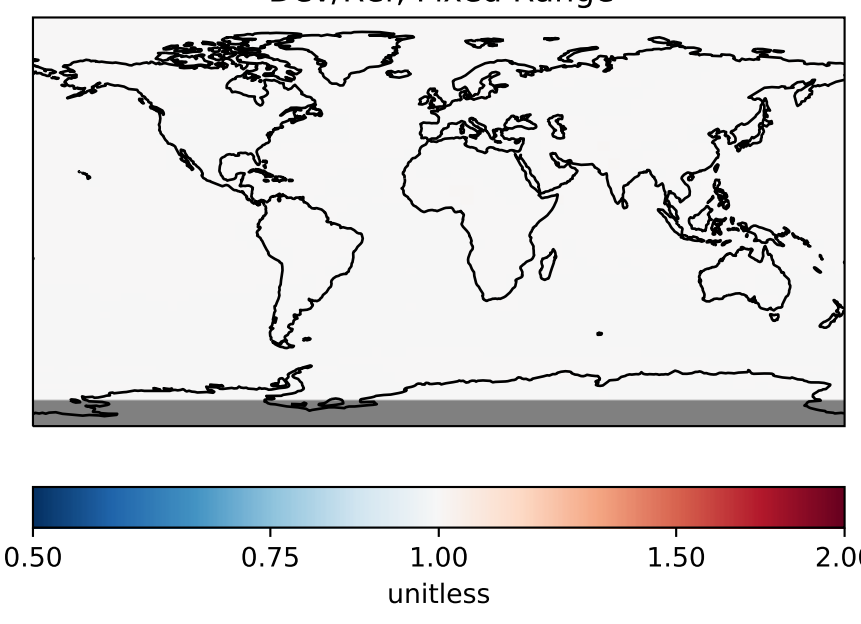
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

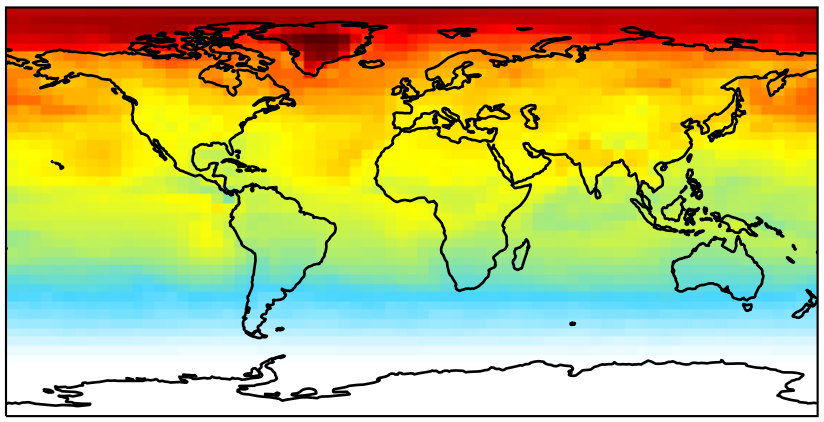


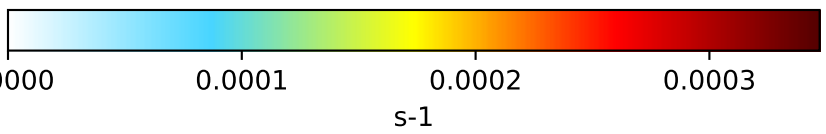
Ratio
Dev/Ref, Fixed Range



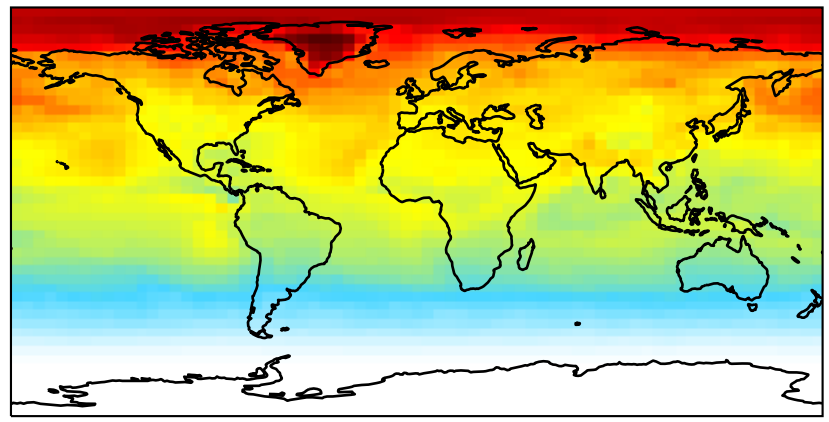
Jval_MCRENOL

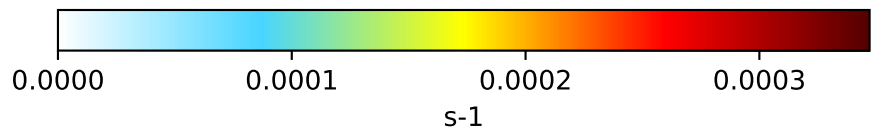
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



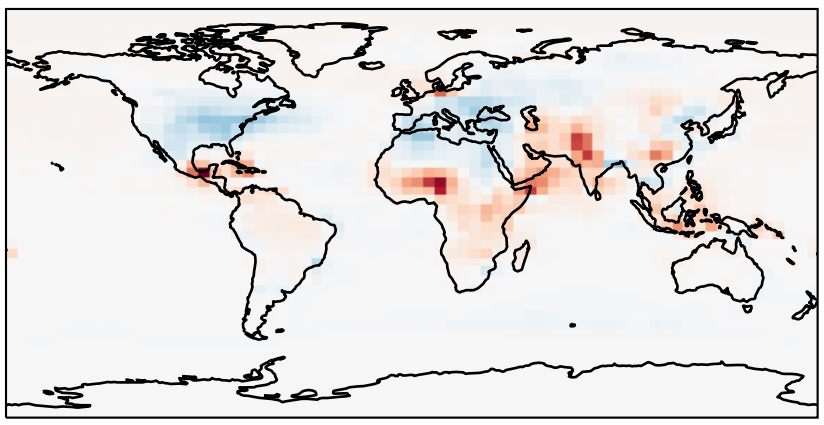


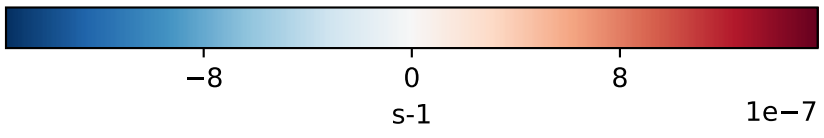
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



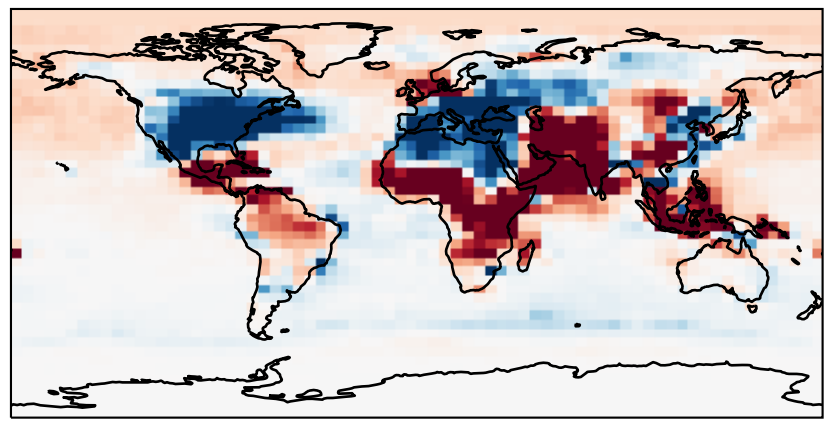


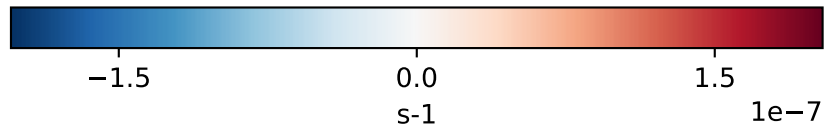
Difference
Dev - Ref, Dynamic Range



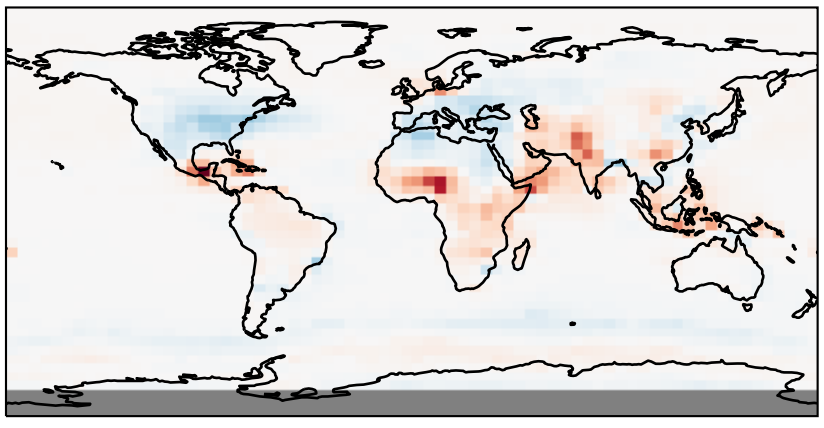


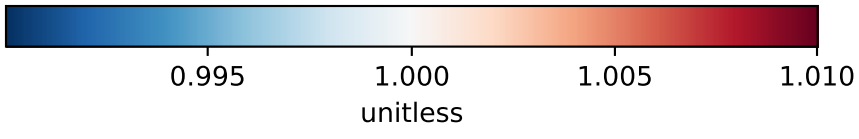
Difference
Dev - Ref, Restricted Range [5%,95%]



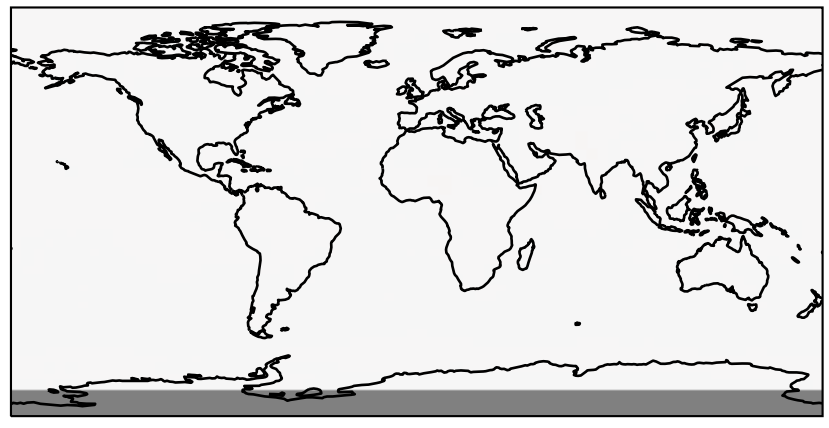


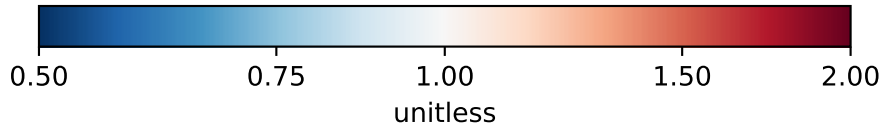
Ratio
Dev/Ref, Dynamic Range





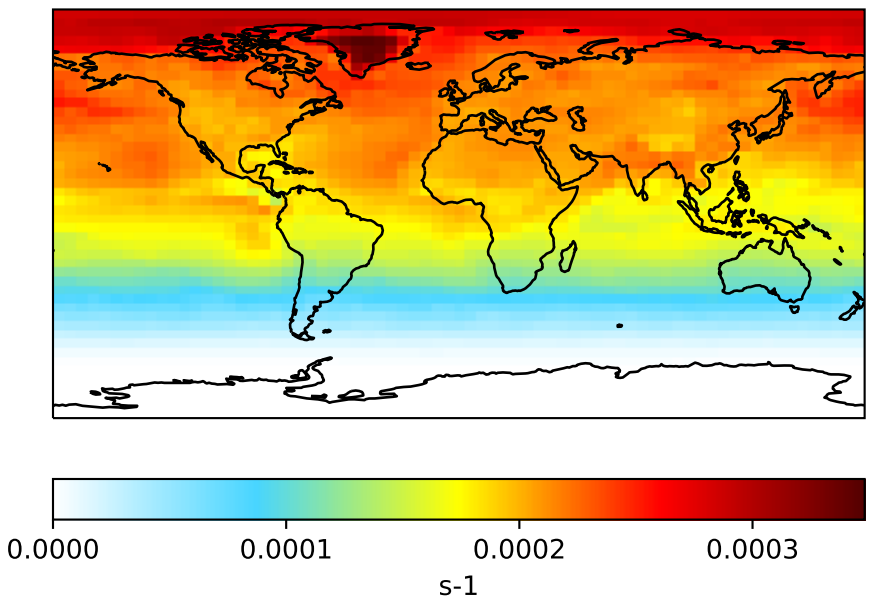
Ratio
Dev/Ref, Fixed Range



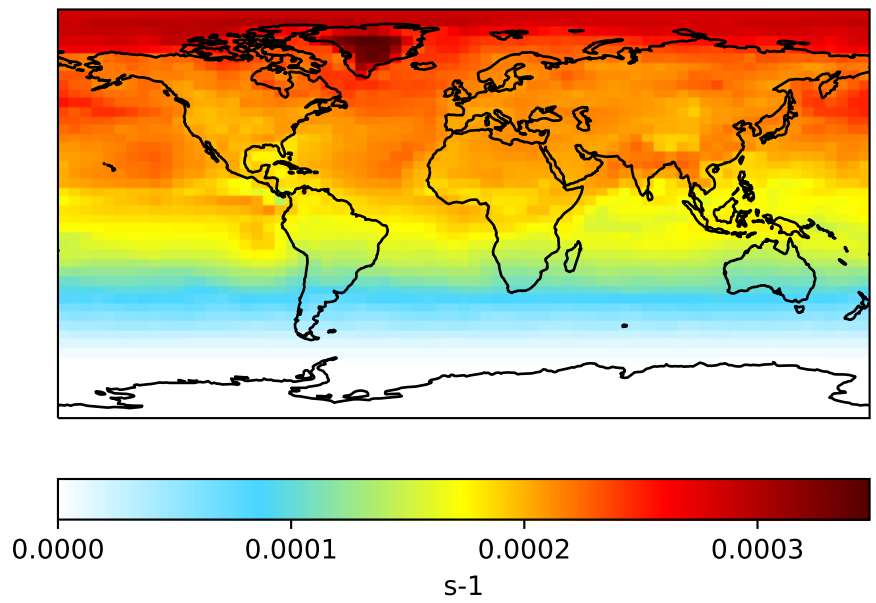


Jval_MCRHN

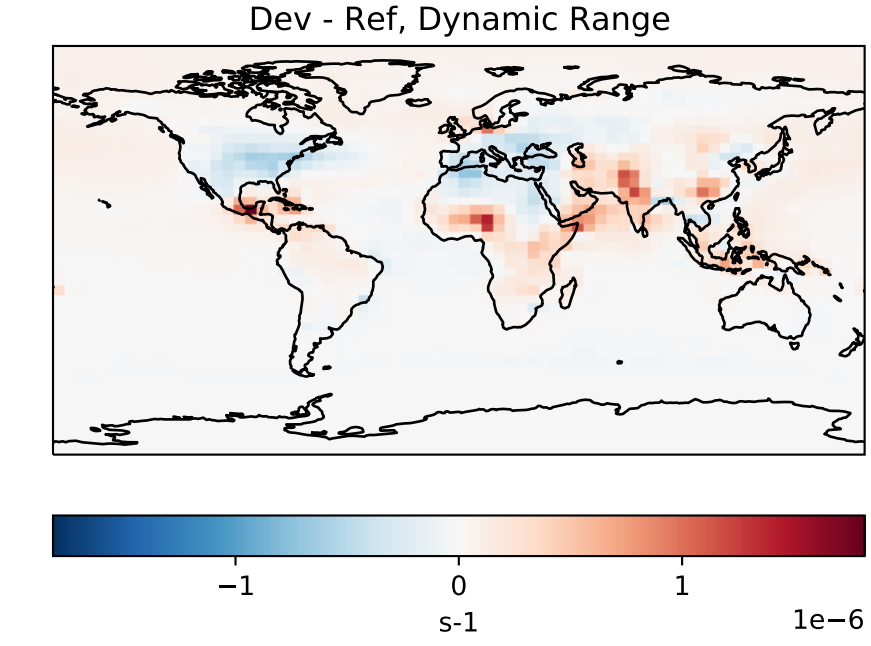
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



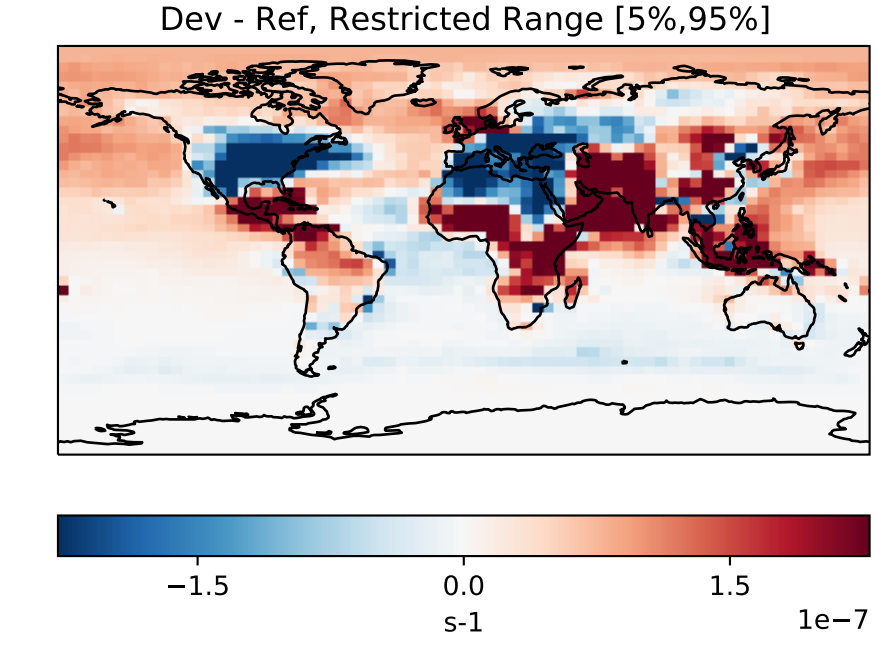
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



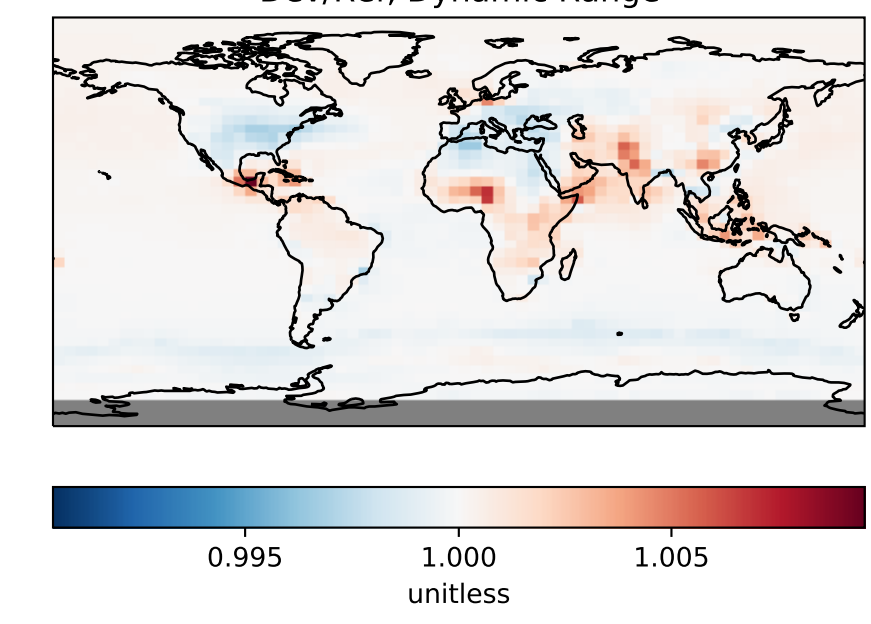
Difference
Dev - Ref, Dynamic Range



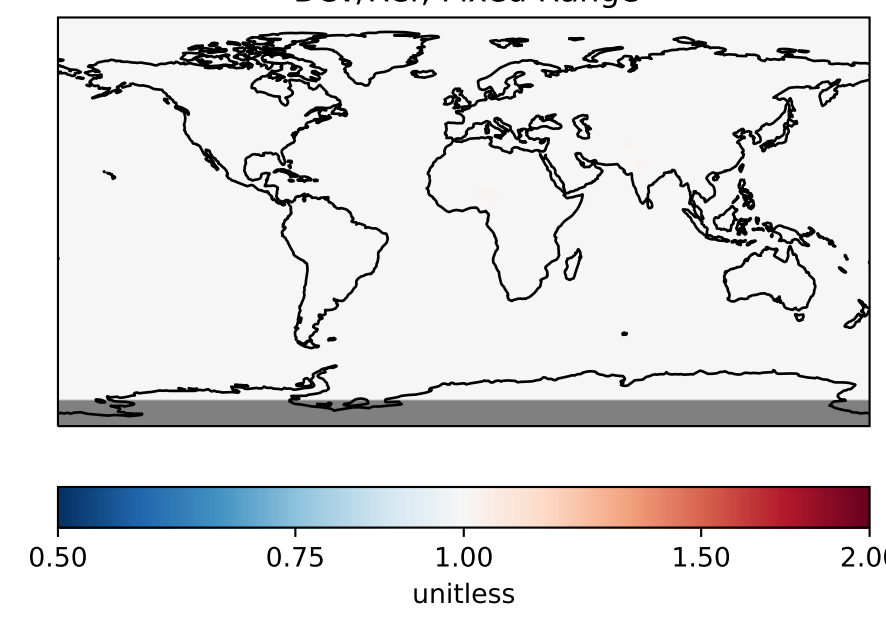
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

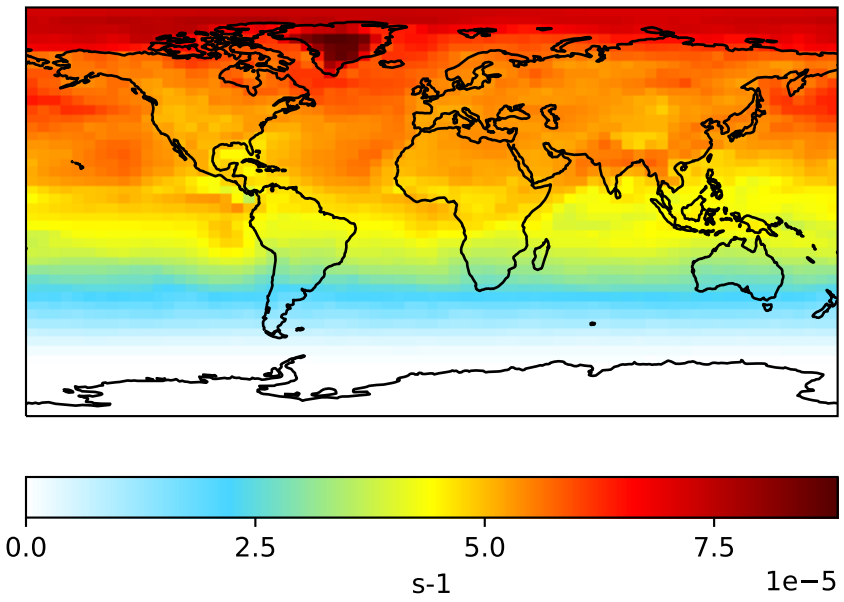


Ratio
Dev/Ref, Fixed Range

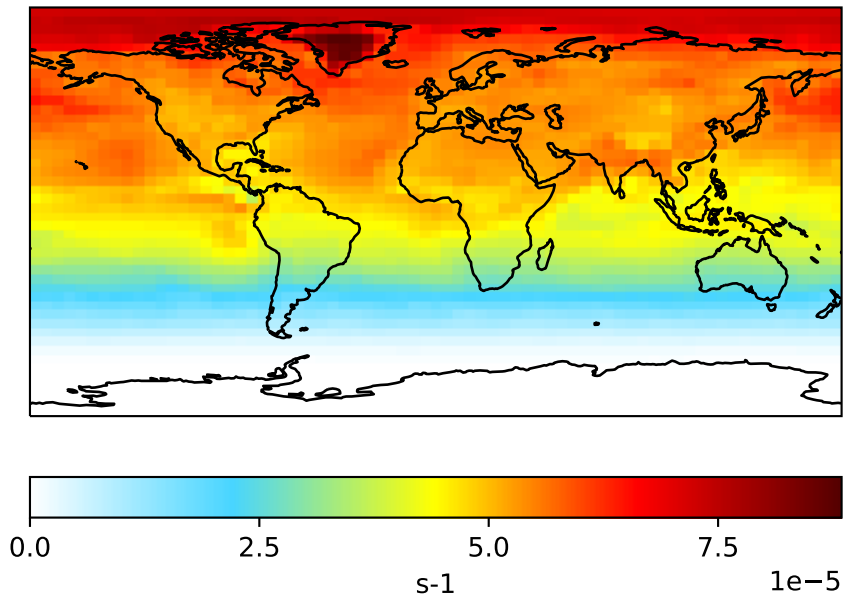


Jval_MCRHNB

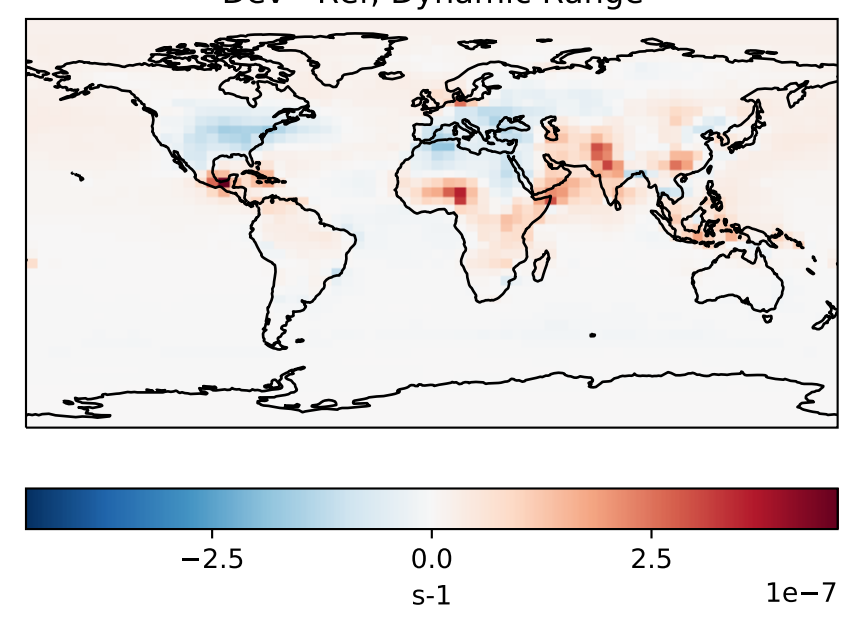
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



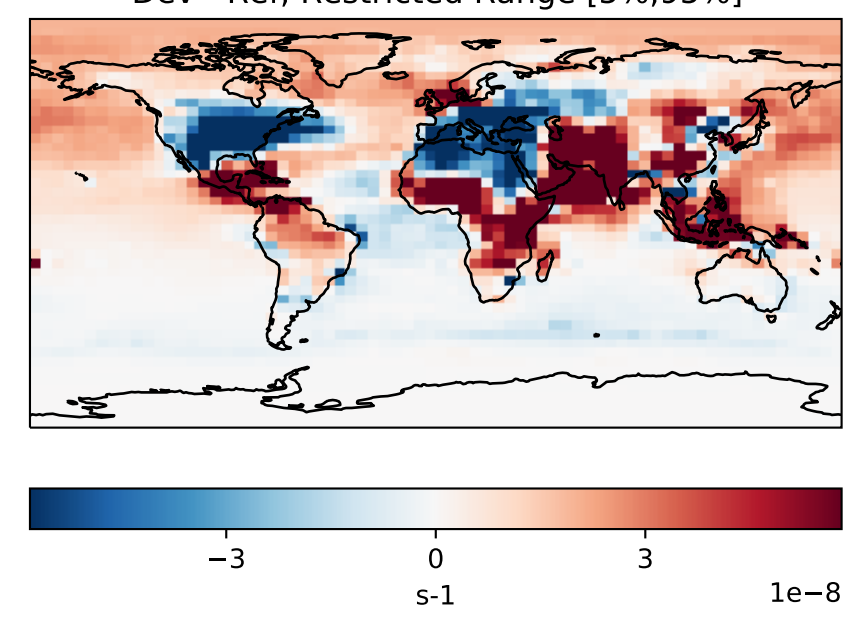
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



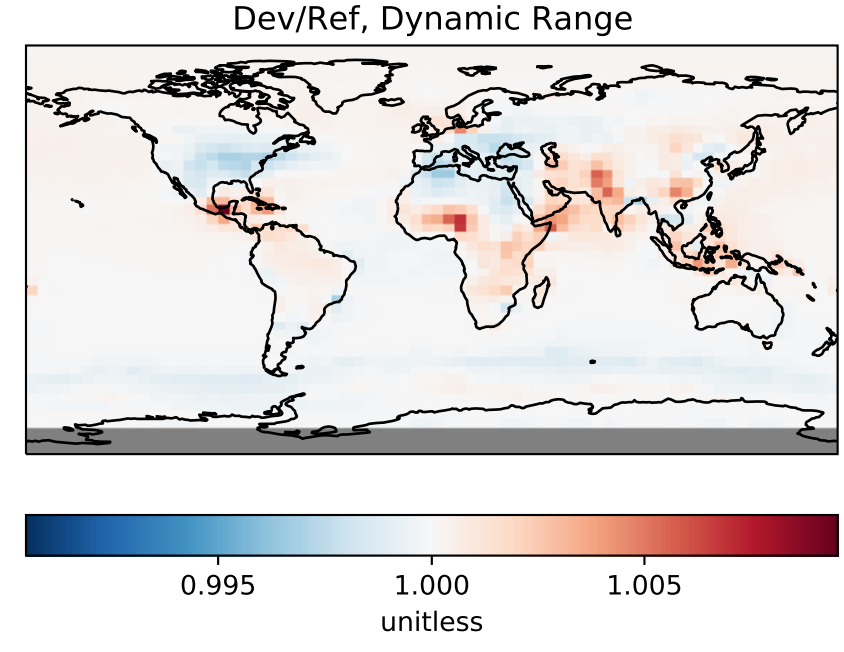
Difference
Dev - Ref, Dynamic Range



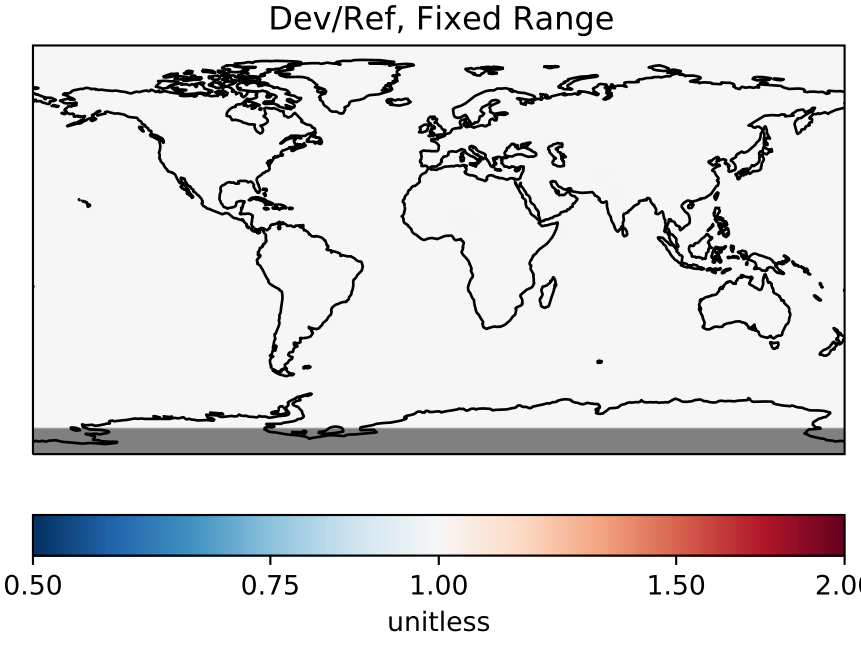
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

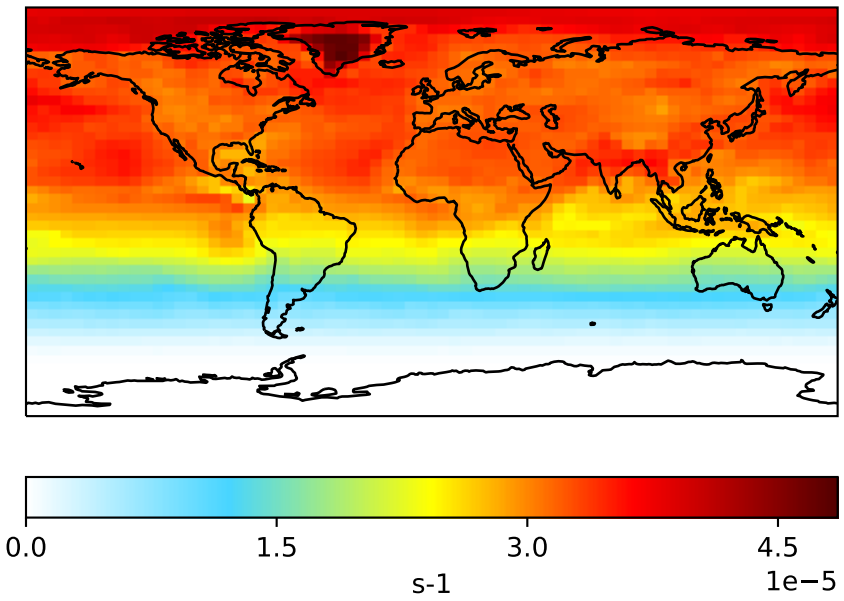


Ratio
Dev/Ref, Fixed Range

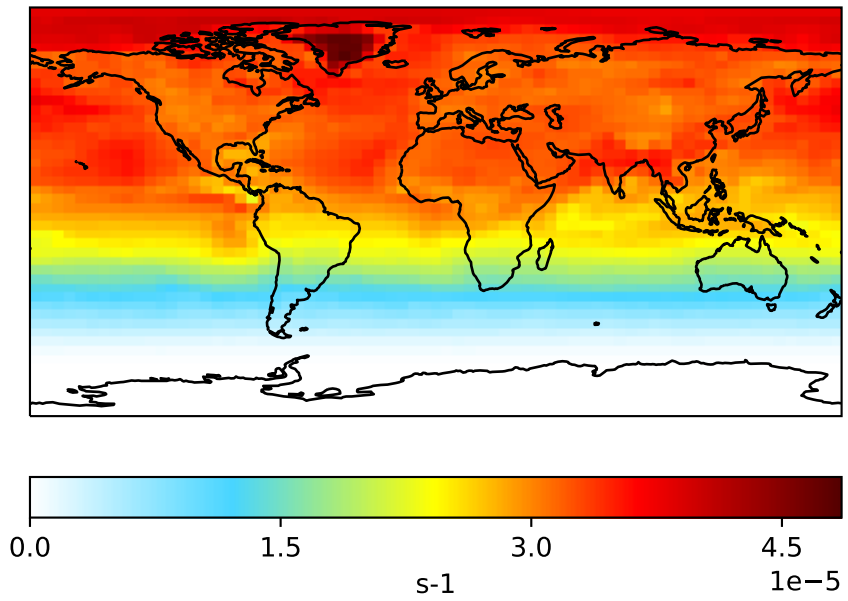


Jval_MCRHP

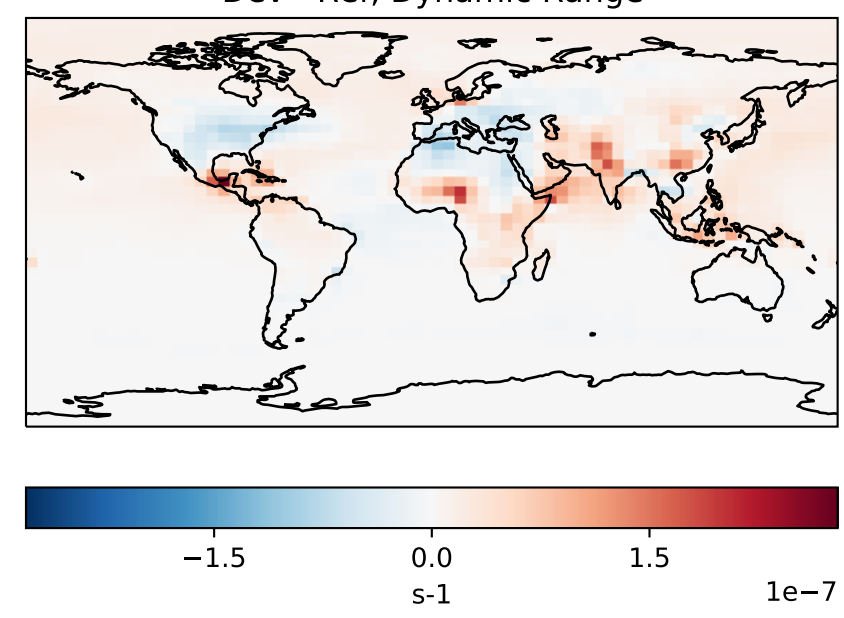
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



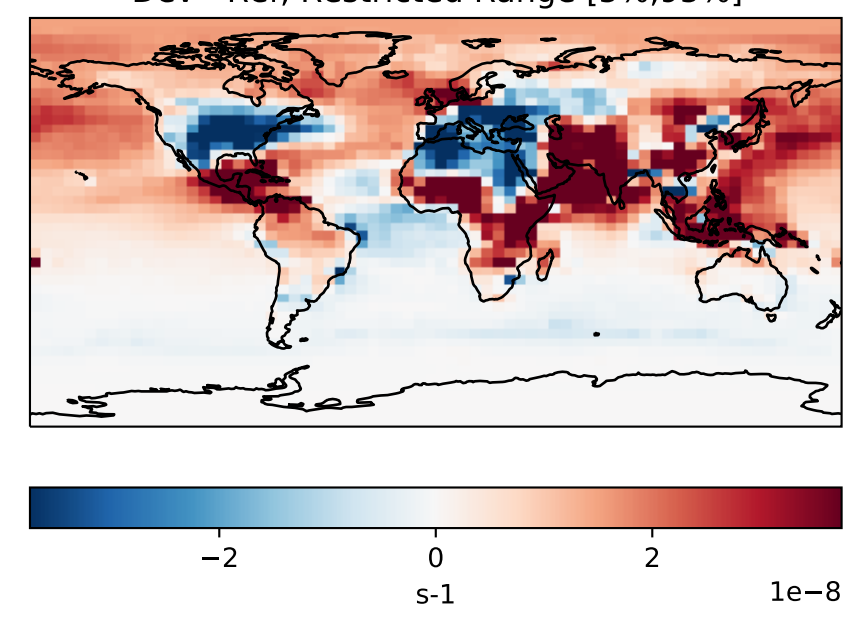
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



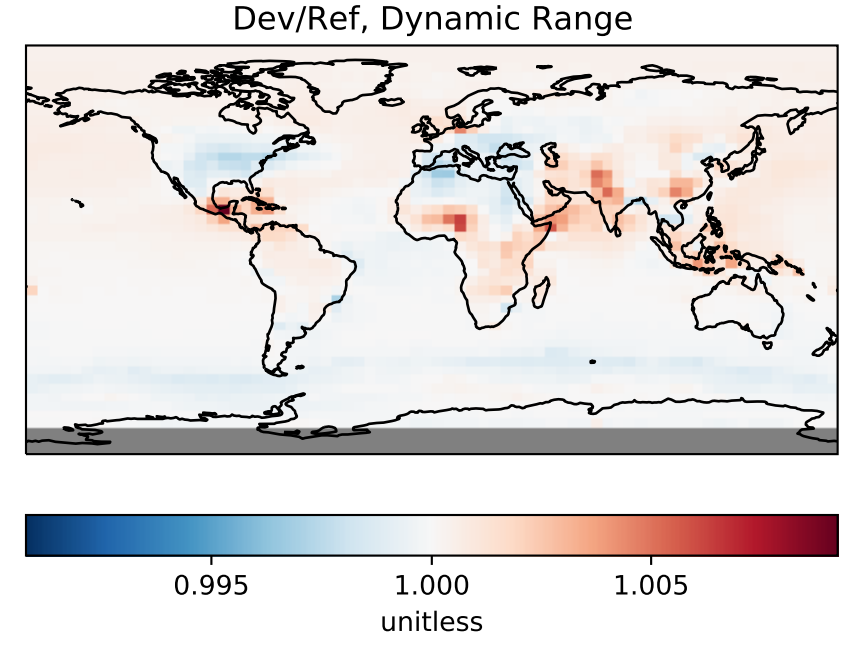
Difference
Dev - Ref, Dynamic Range



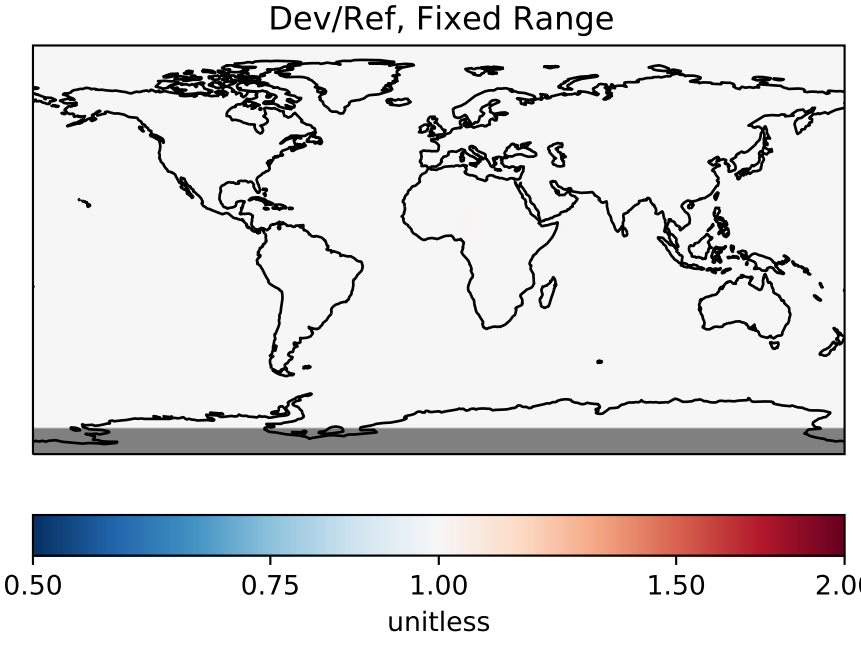
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

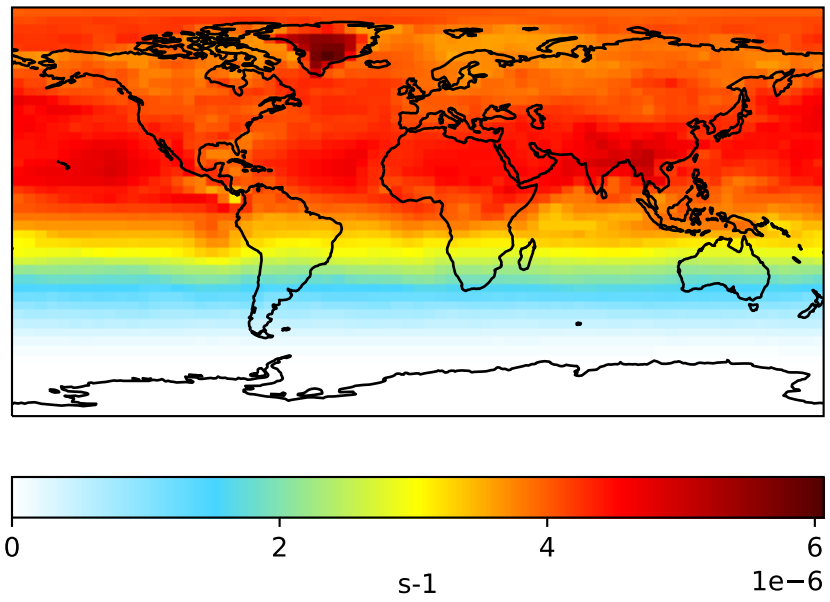


Ratio
Dev/Ref, Fixed Range

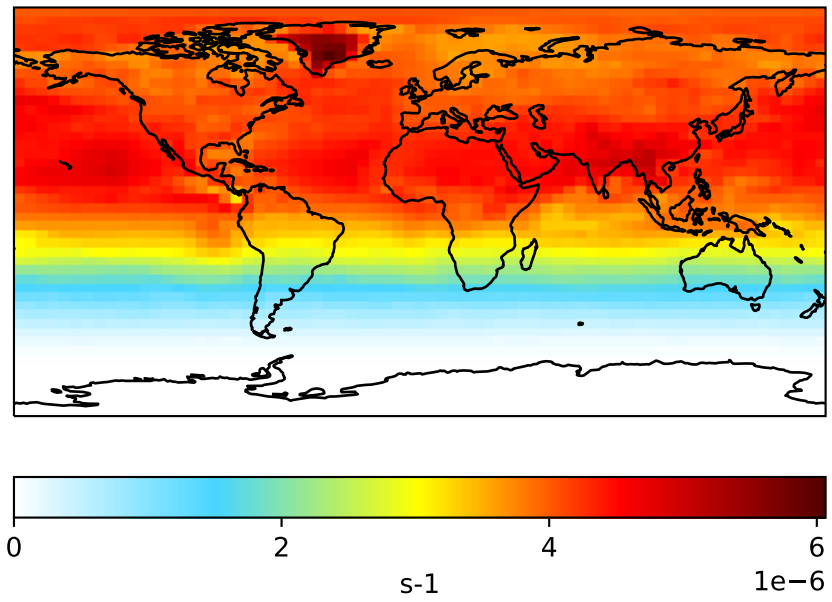


Jval_MEK

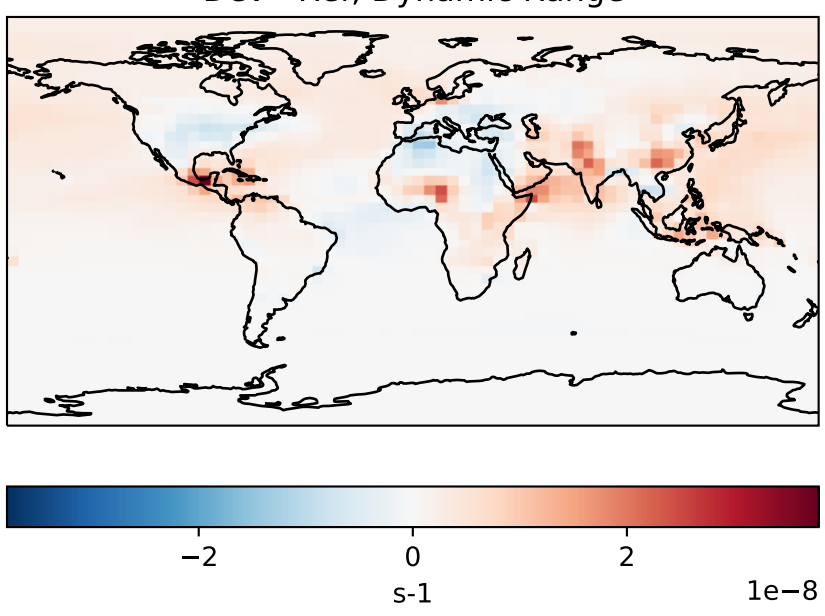
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



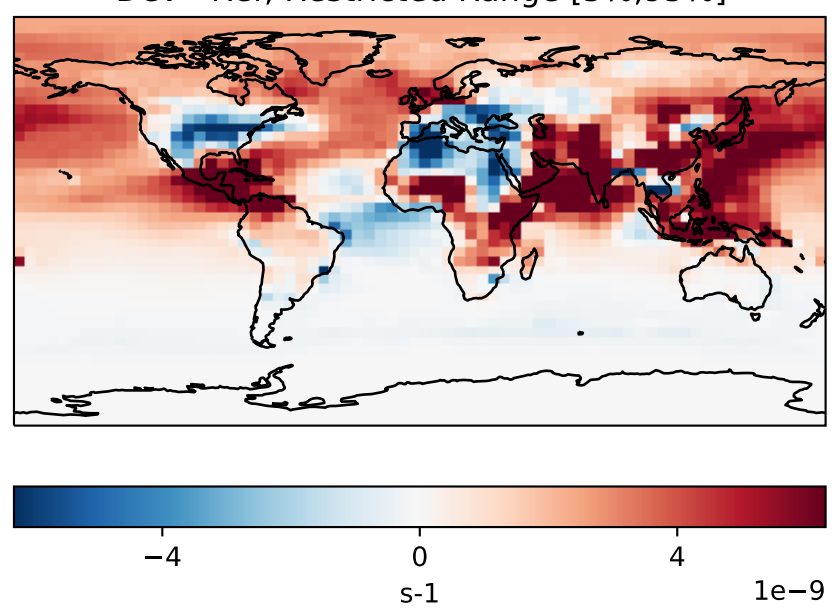
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



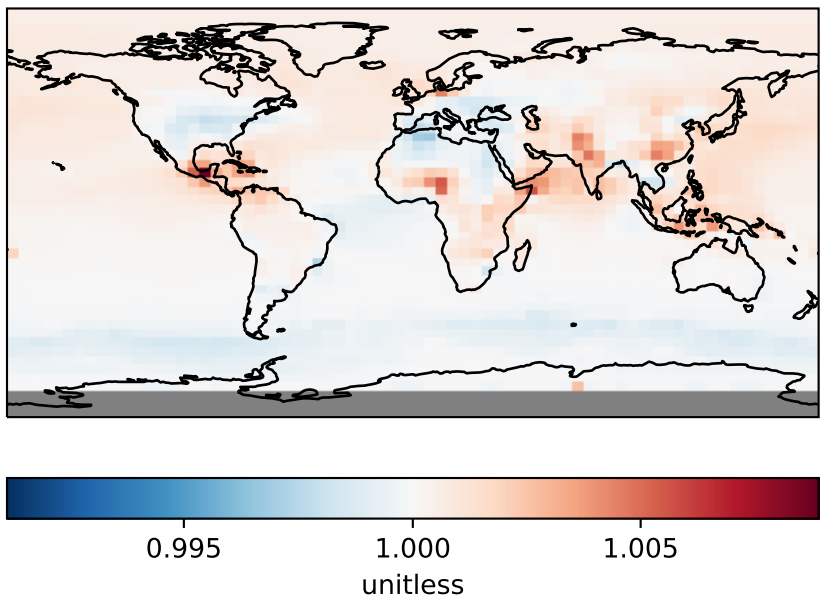
Difference
Dev - Ref, Dynamic Range



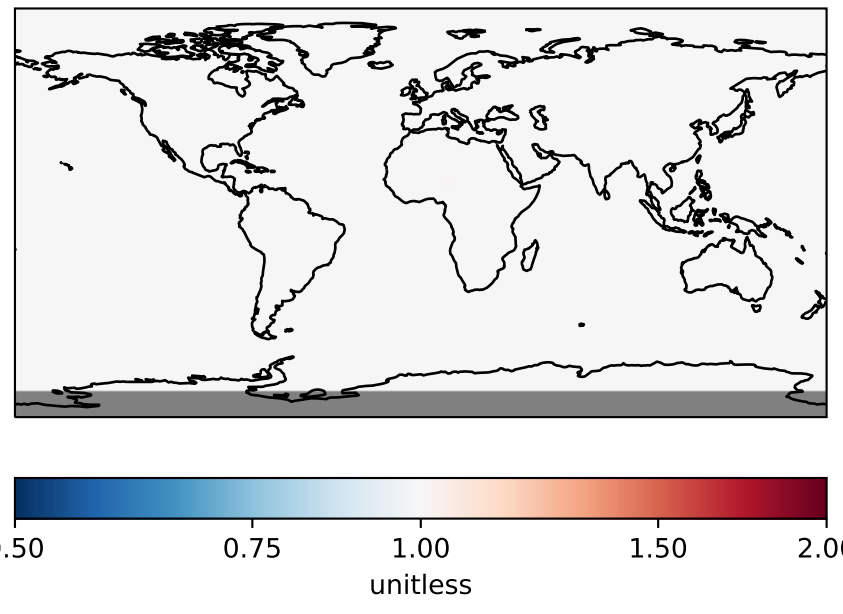
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

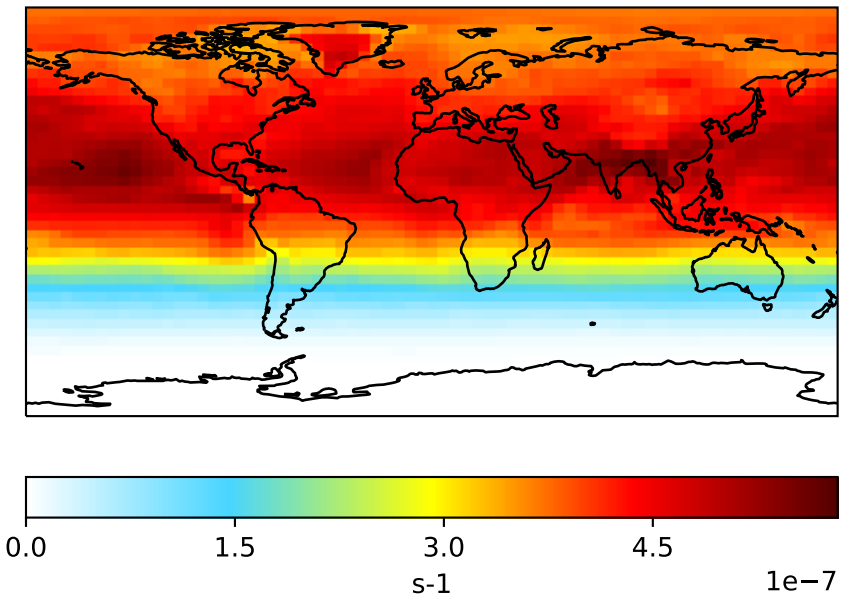


Ratio
Dev/Ref, Fixed Range

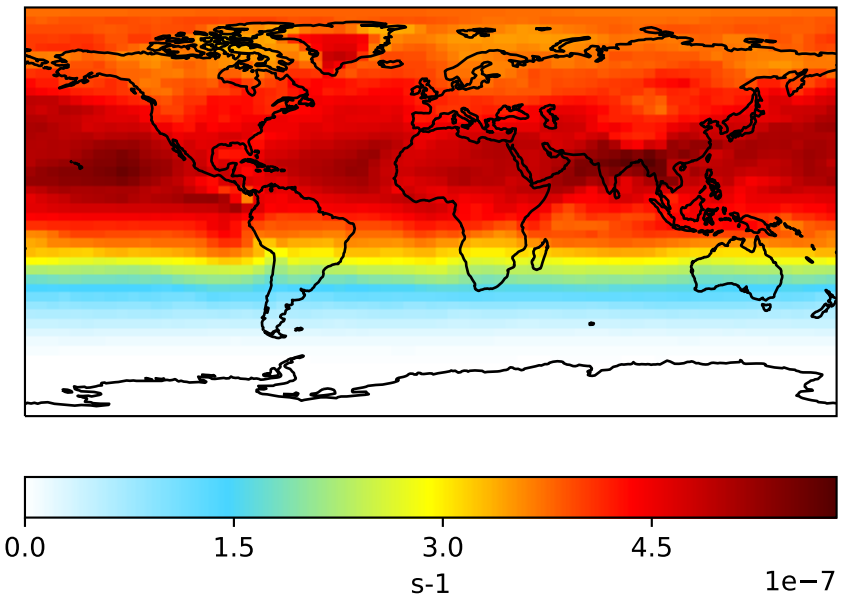


Jval_MENO3

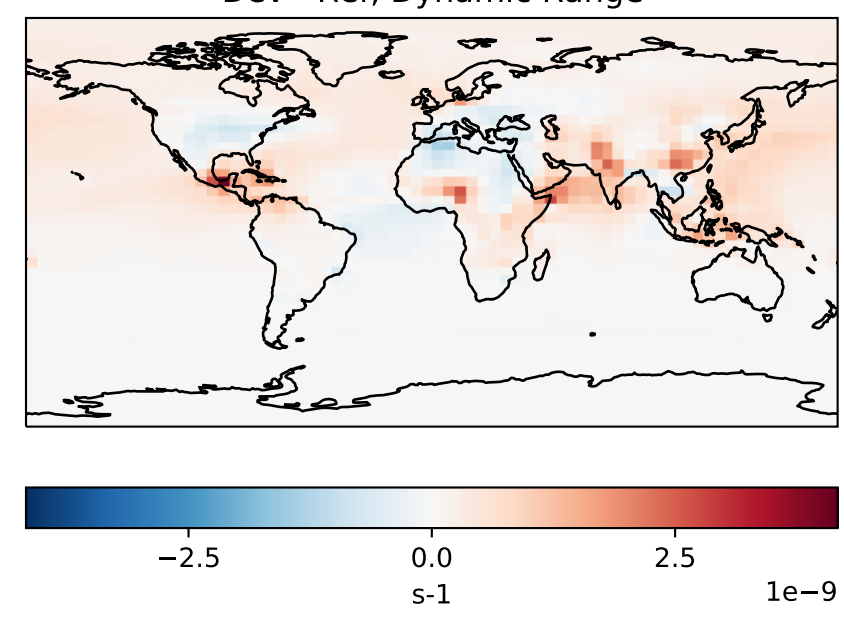
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



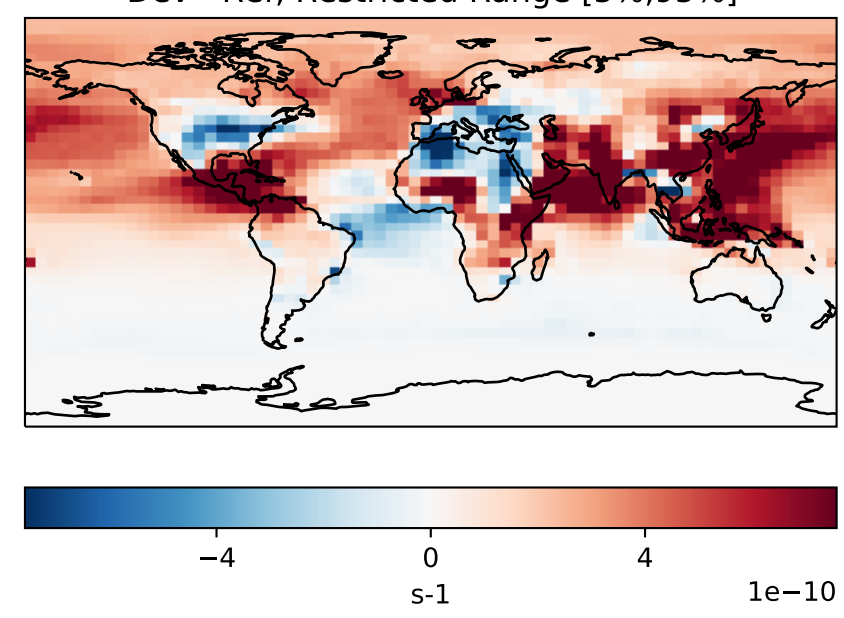
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



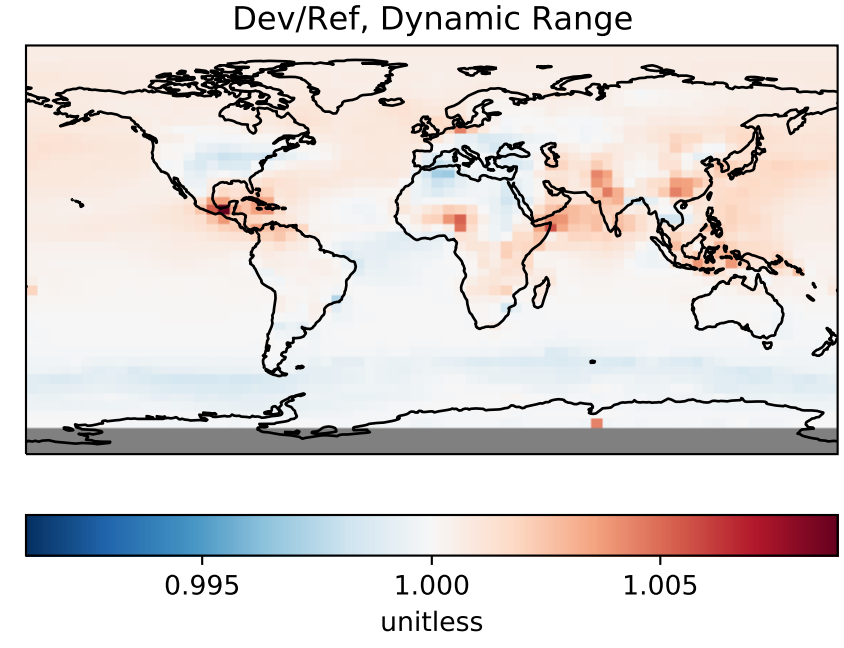
Difference
Dev - Ref, Dynamic Range



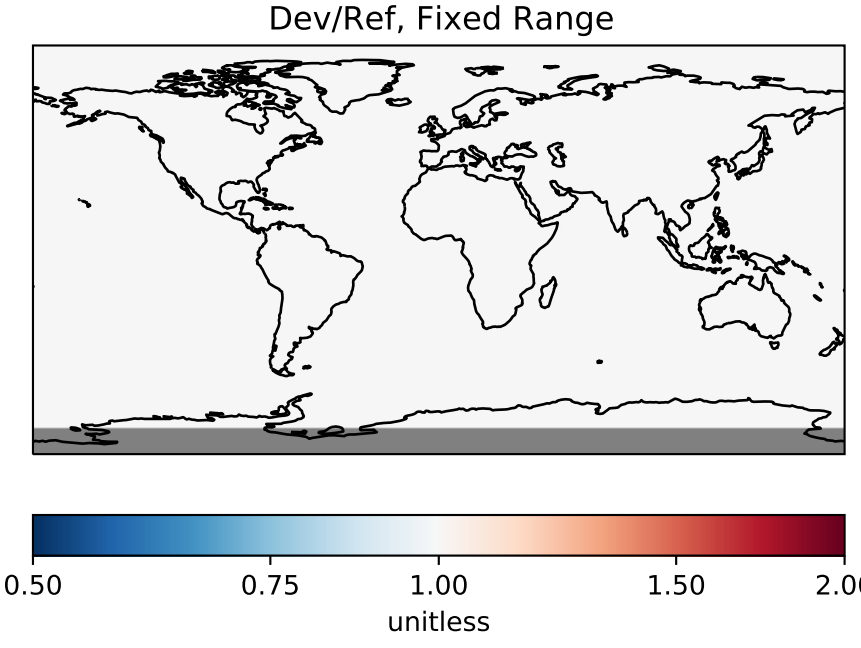
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

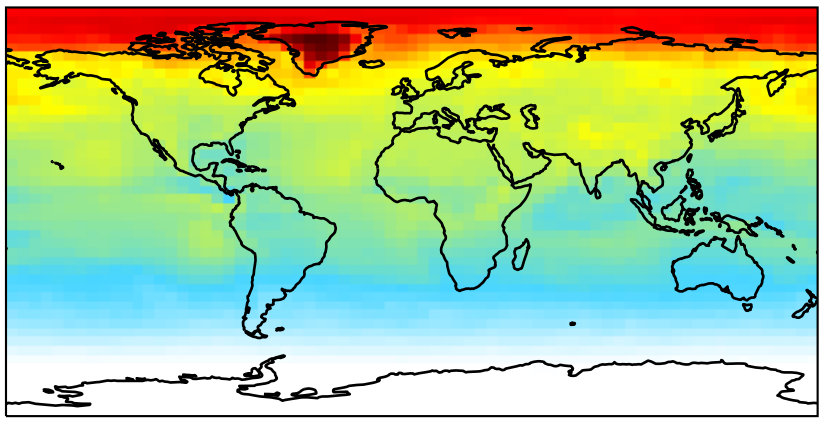


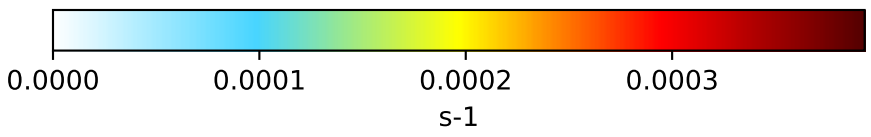
Ratio
Dev/Ref, Fixed Range



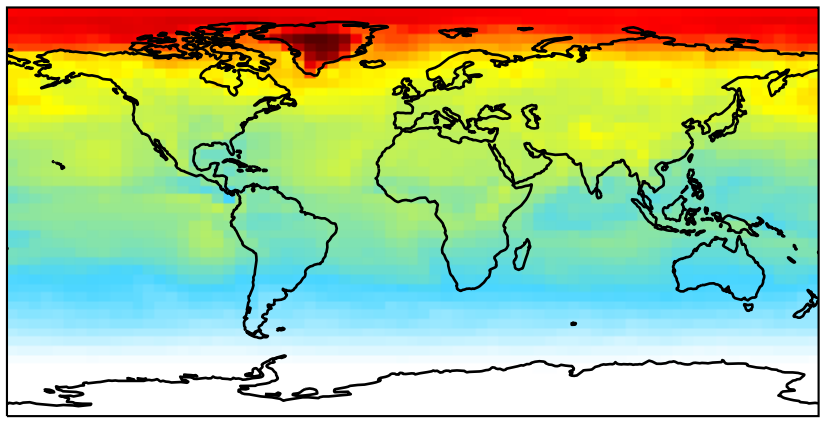
Jval_MGLY

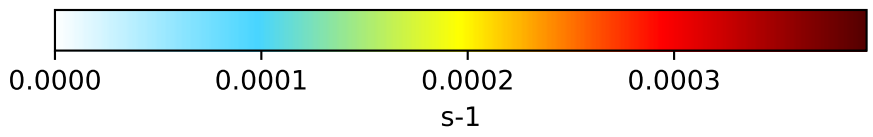
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



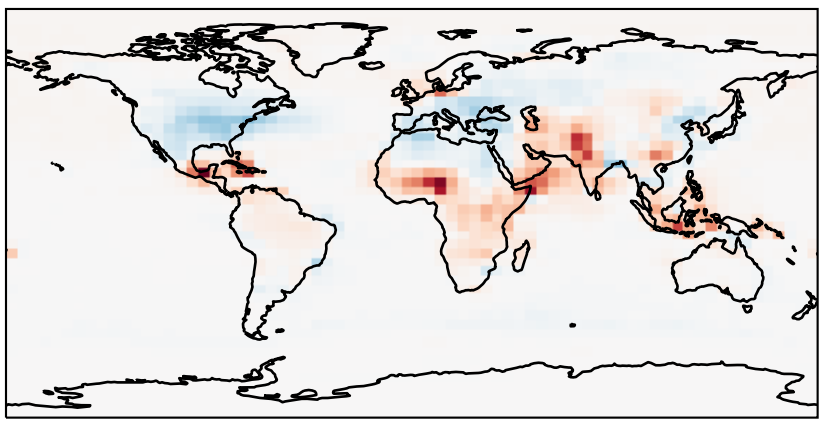


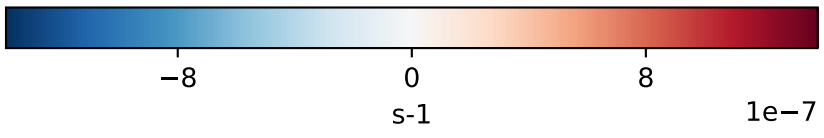
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



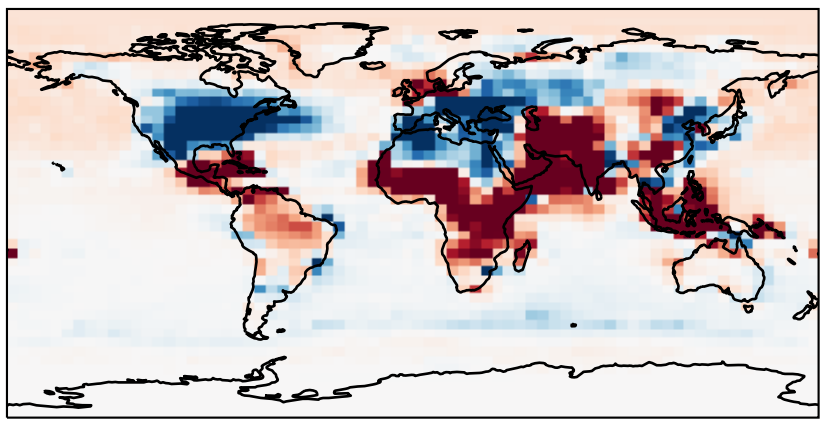


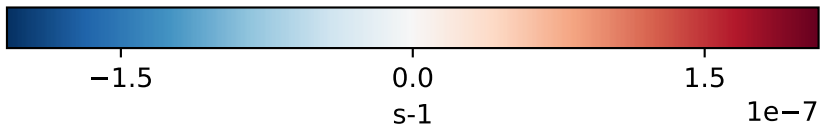
Difference
Dev - Ref, Dynamic Range



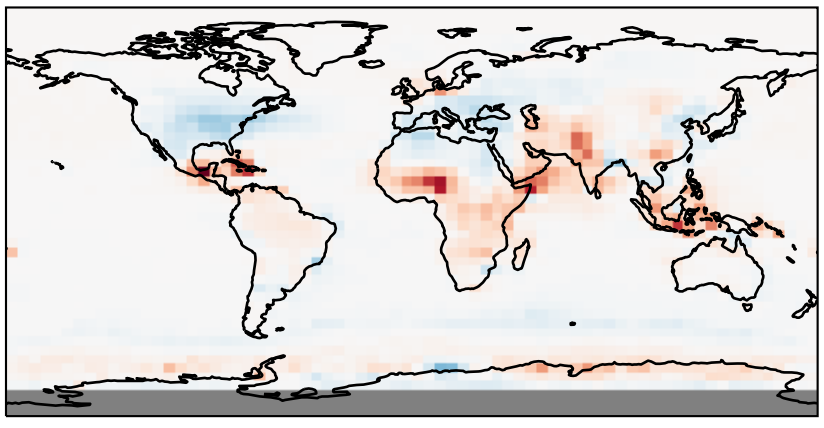


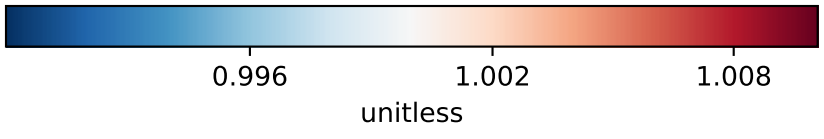
Difference
Dev - Ref, Restricted Range [5%,95%]



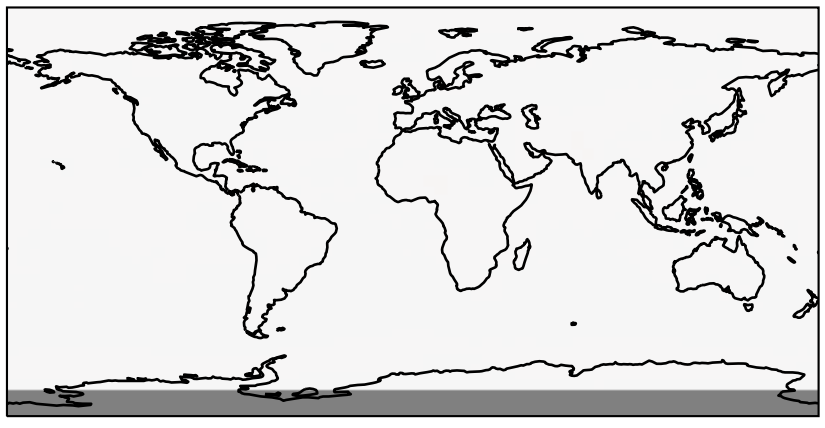


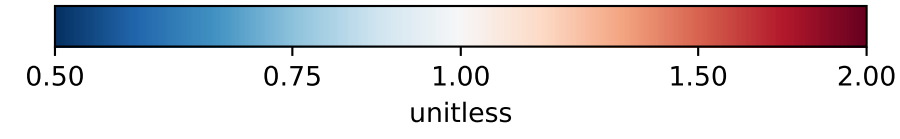
Ratio
Dev/Ref, Dynamic Range





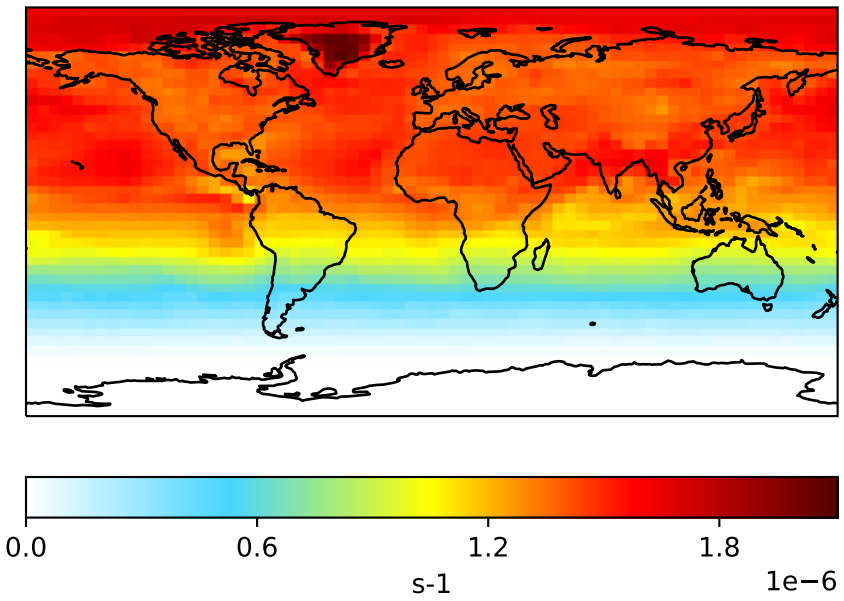
Ratio
Dev/Ref, Fixed Range



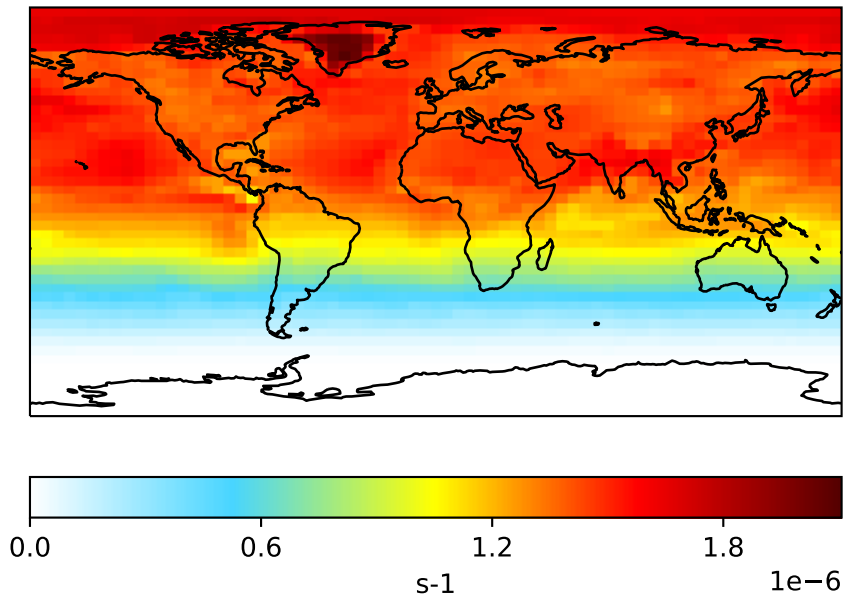


Jval_MONITS

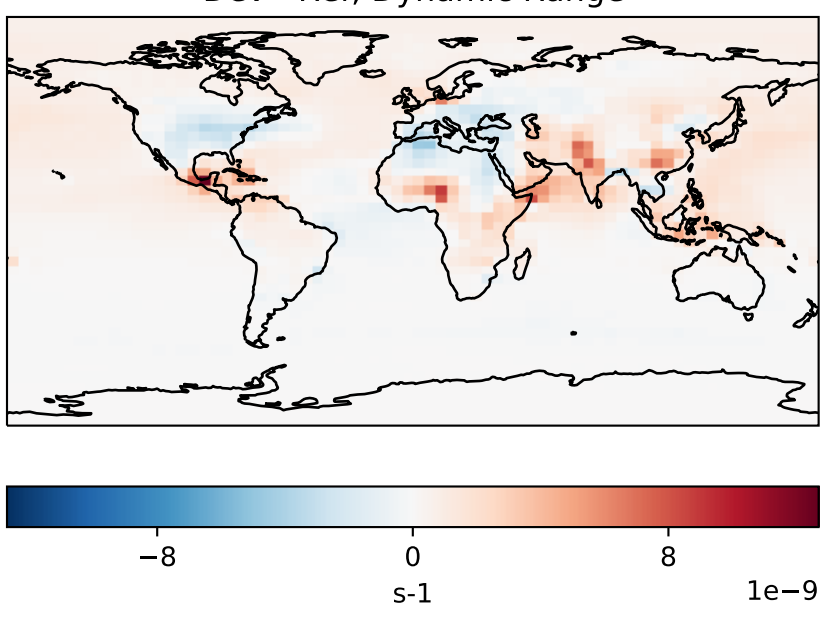
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



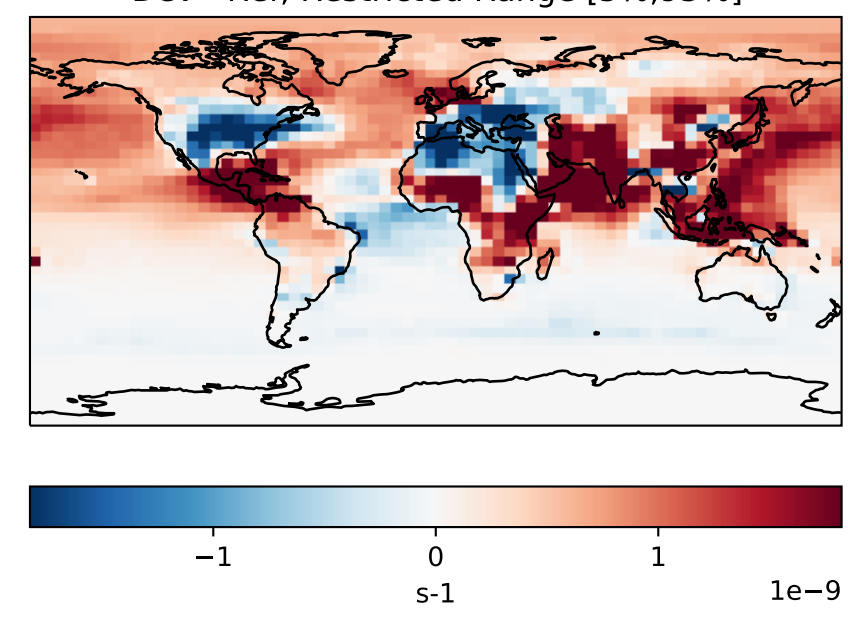
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



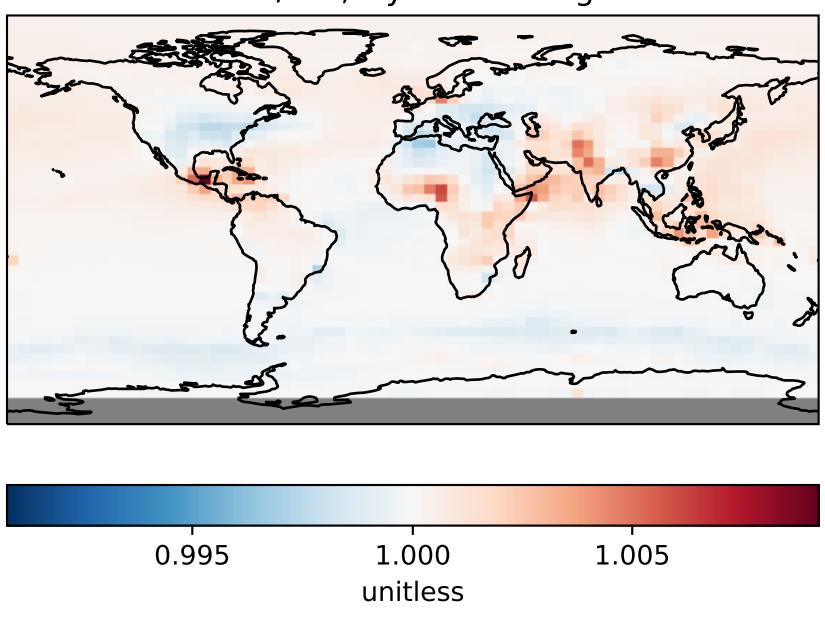
Difference
Dev - Ref, Dynamic Range



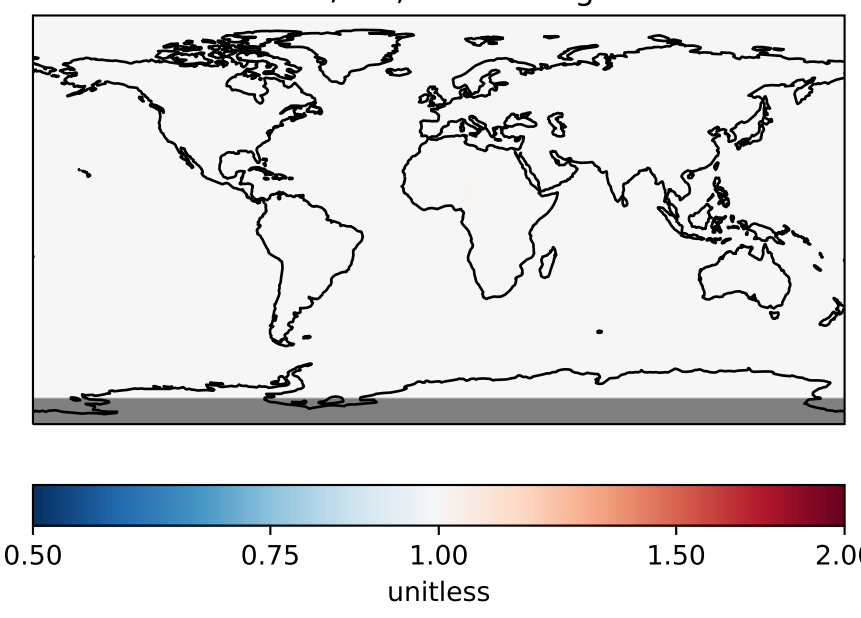
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

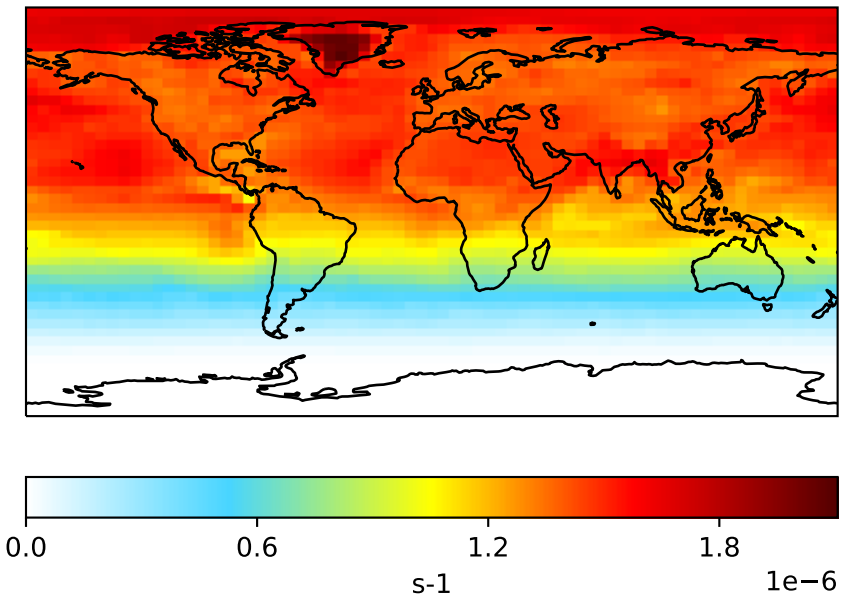


Ratio
Dev/Ref, Fixed Range

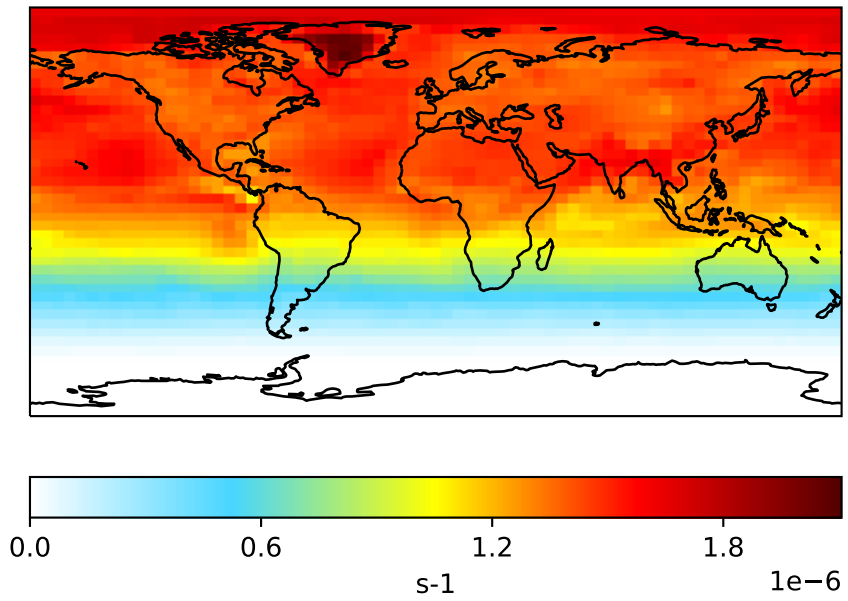


Jval_MONITU

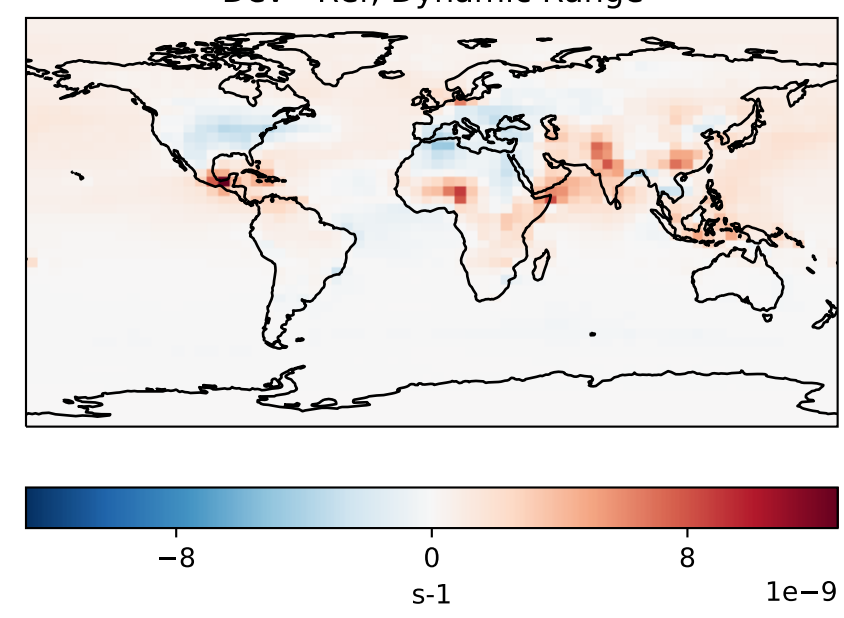
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



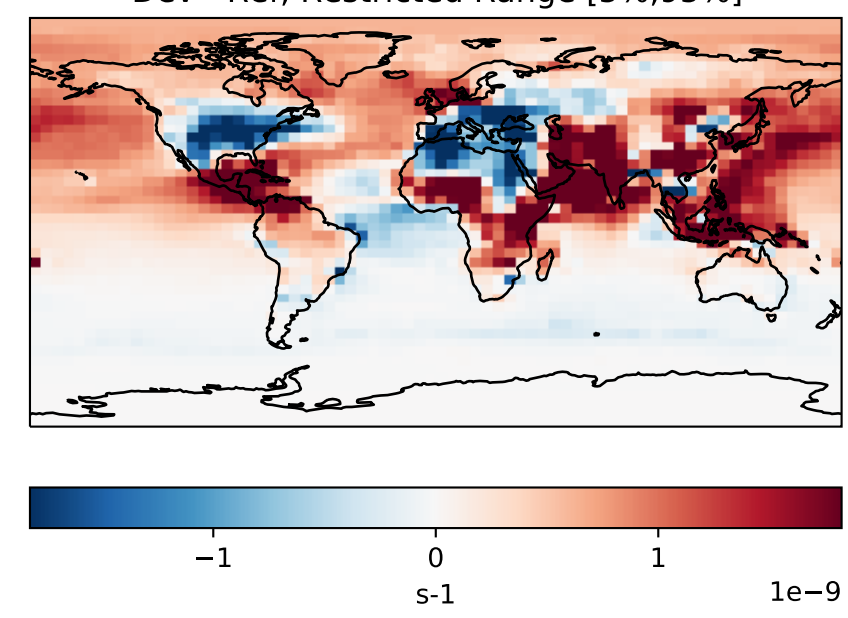
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



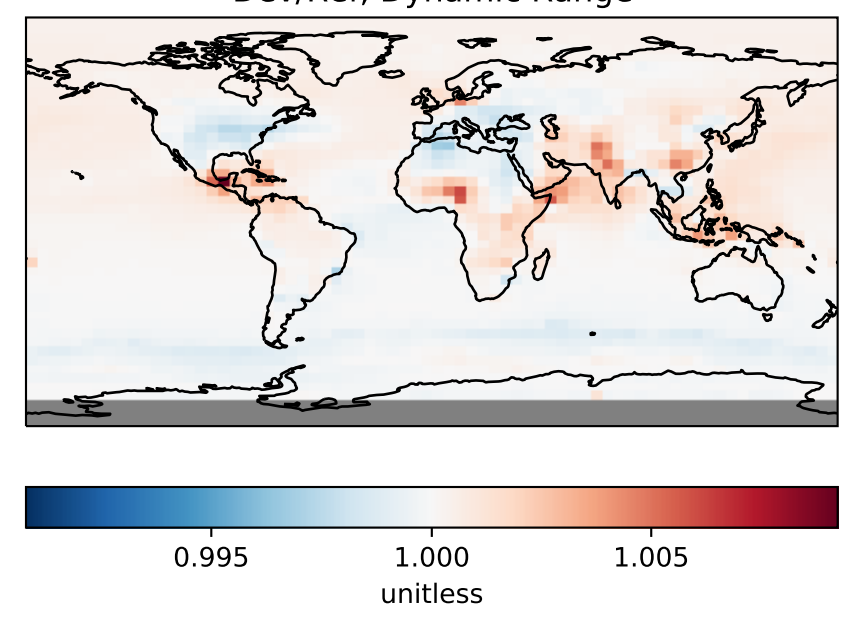
Difference
Dev - Ref, Dynamic Range



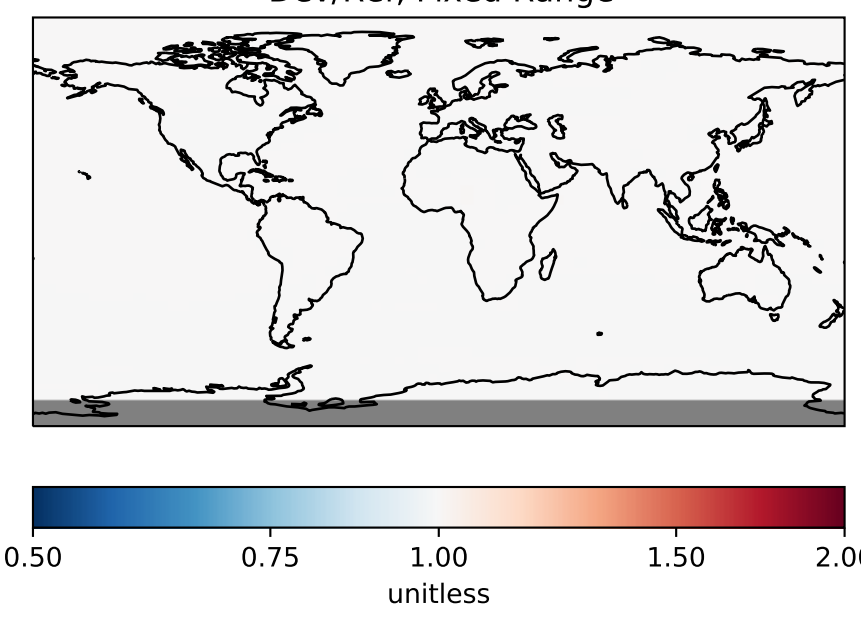
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

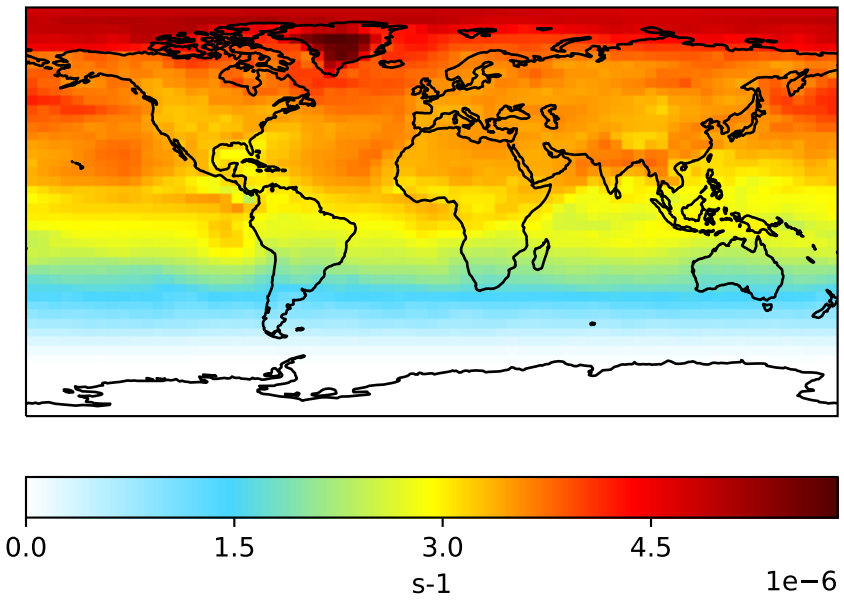


Ratio
Dev/Ref, Fixed Range

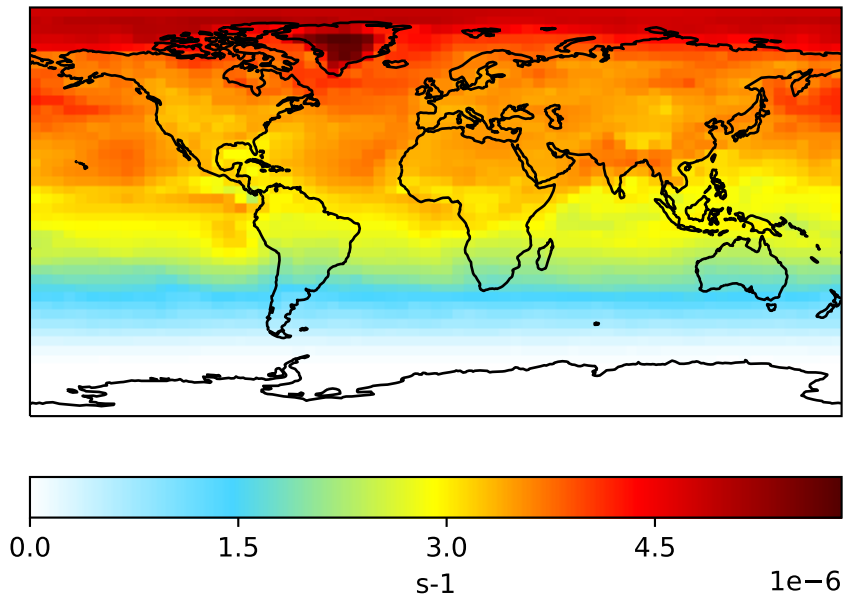


Jval_MP

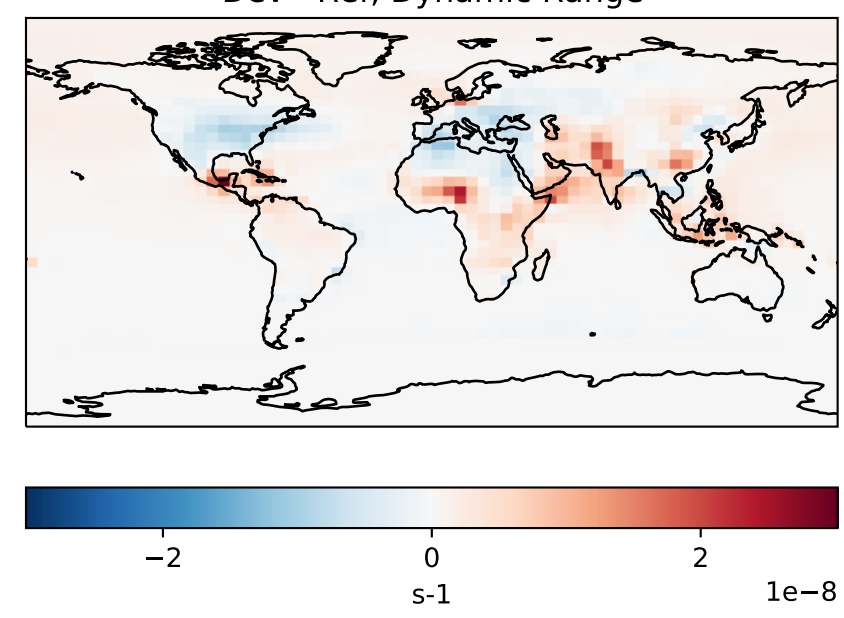
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



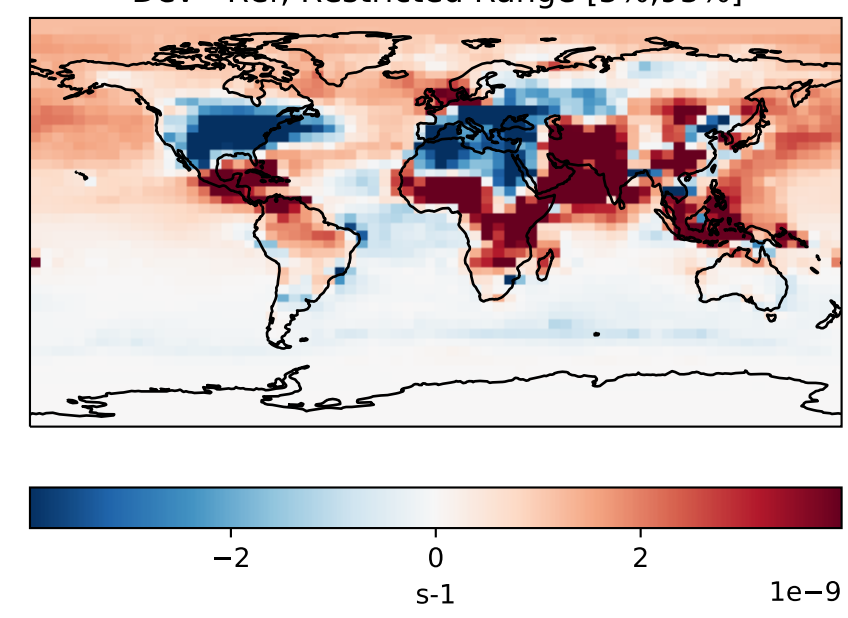
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



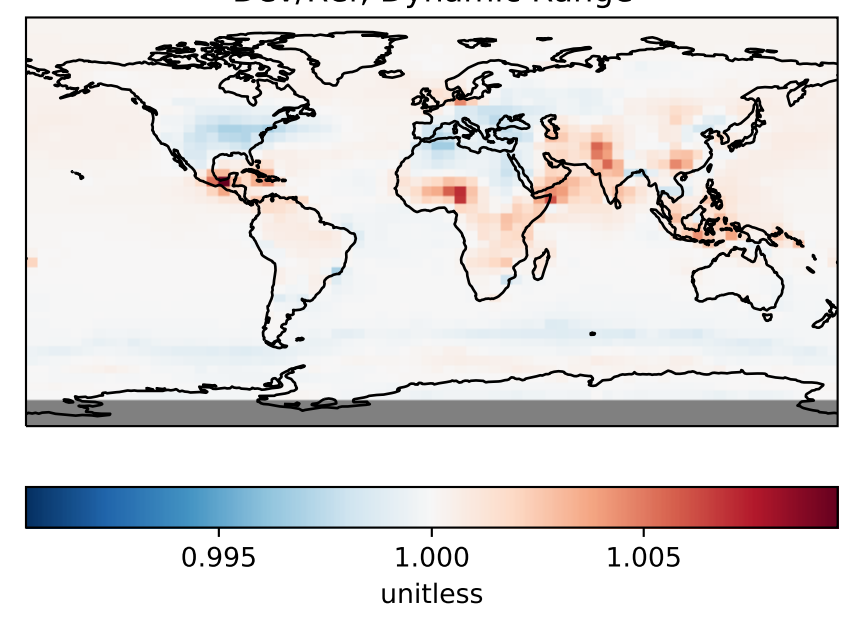
Difference
Dev - Ref, Dynamic Range



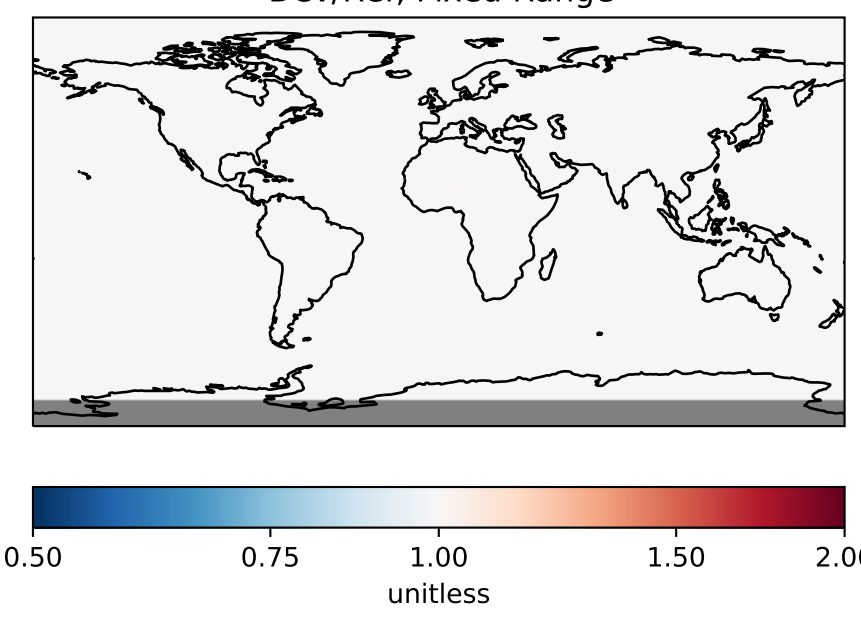
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

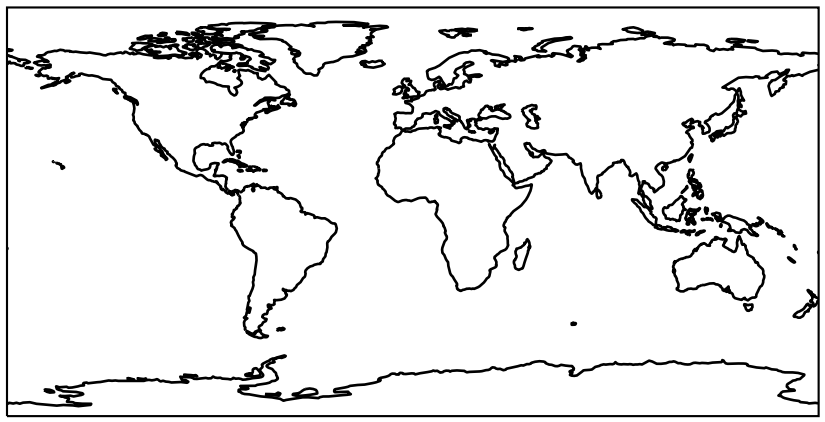


Ratio
Dev/Ref, Fixed Range



Jval_MPAN

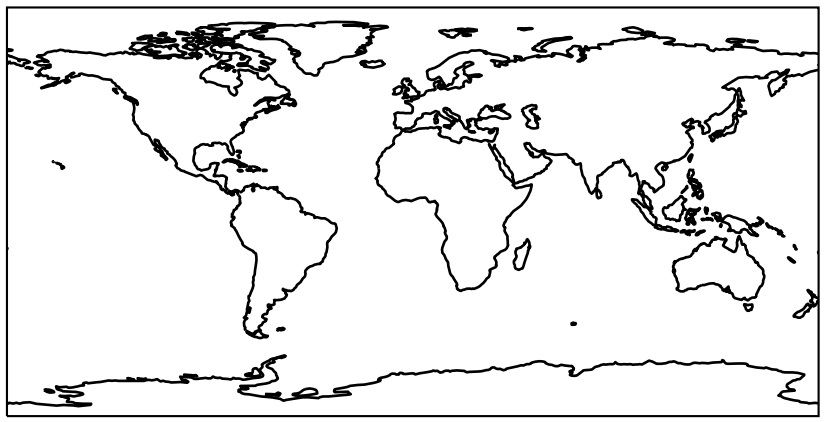
GCC_13.1.0-beta.1 (Ref)
4.0x5.0





Zero throughout domain
s-1

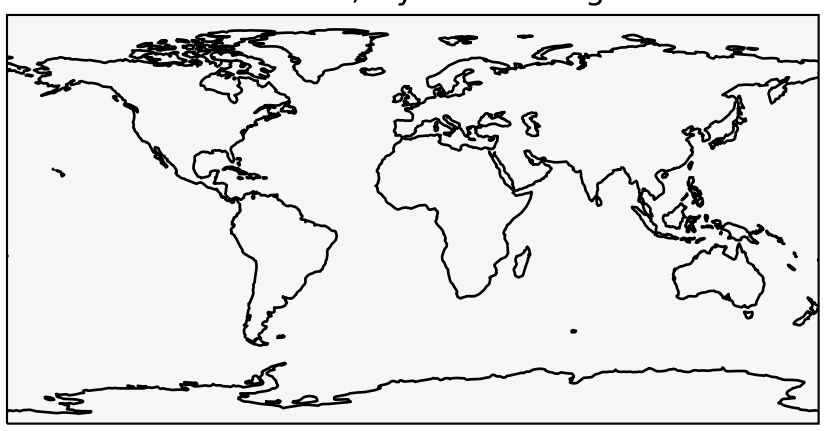
GCC_13.2.0-beta.0 (Dev)
4.0x5.0





Zero throughout domain
s-1

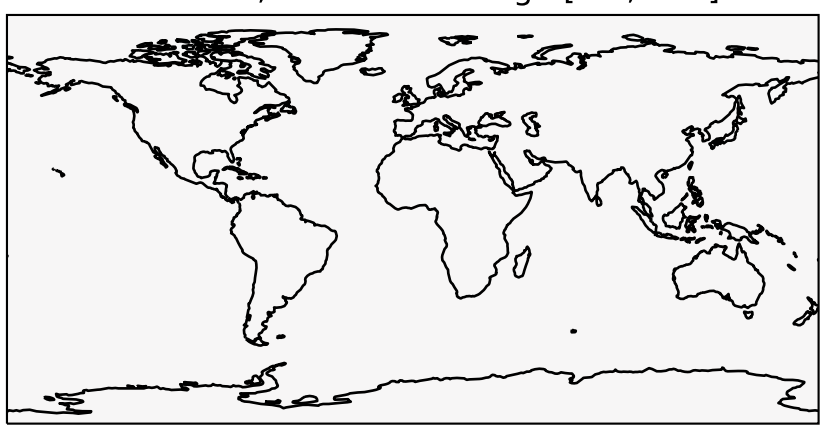
Difference
Dev - Ref, Dynamic Range





Zero throughout domain
s-1

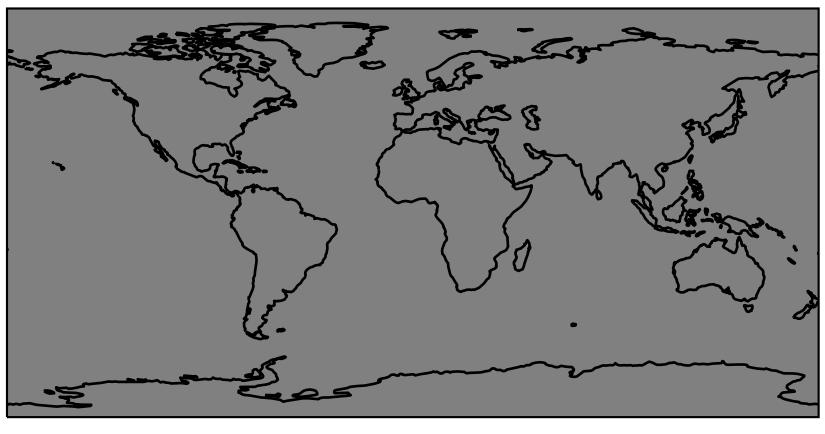
Difference
Dev - Ref, Restricted Range [5%,95%]





Zero throughout domain
s-1

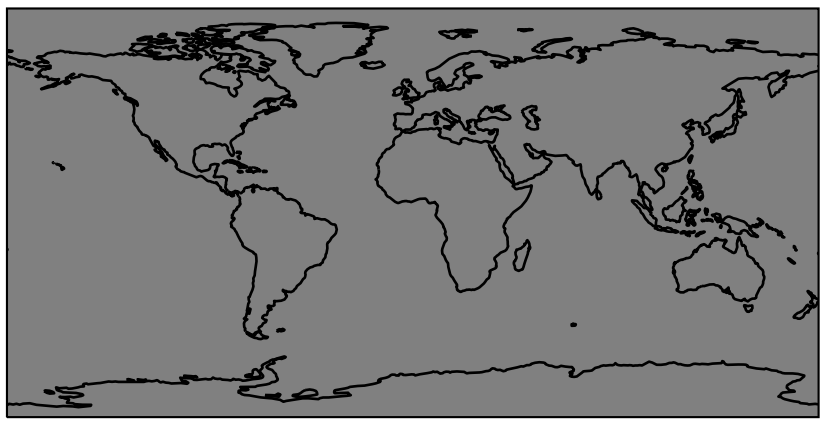
Ratio
Dev/Ref, Dynamic Range





Undefined throughout domain
unitless

Ratio
Dev/Ref, Fixed Range

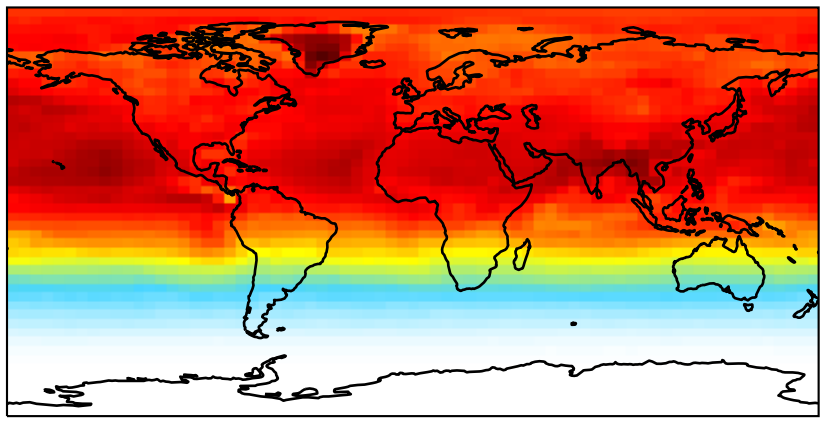


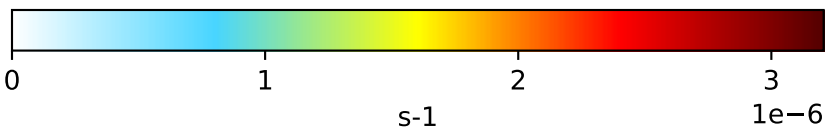


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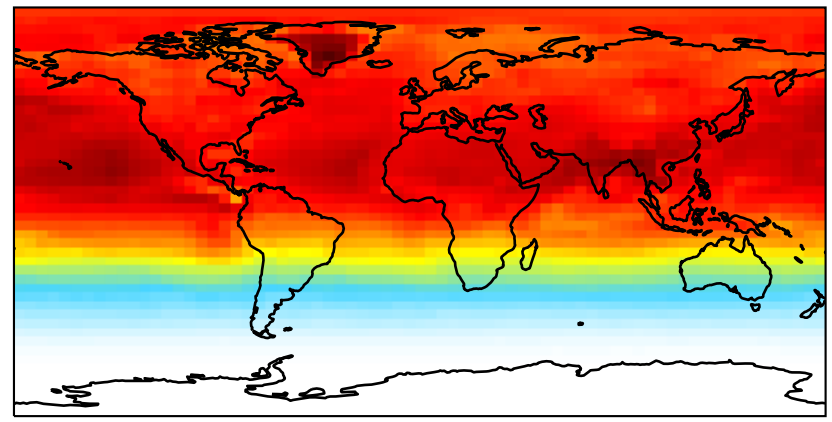
Jval_MPN

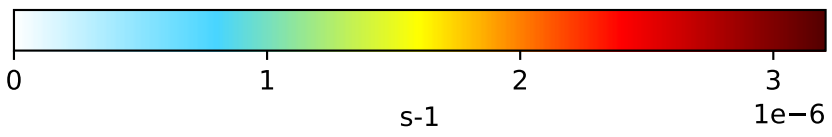
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



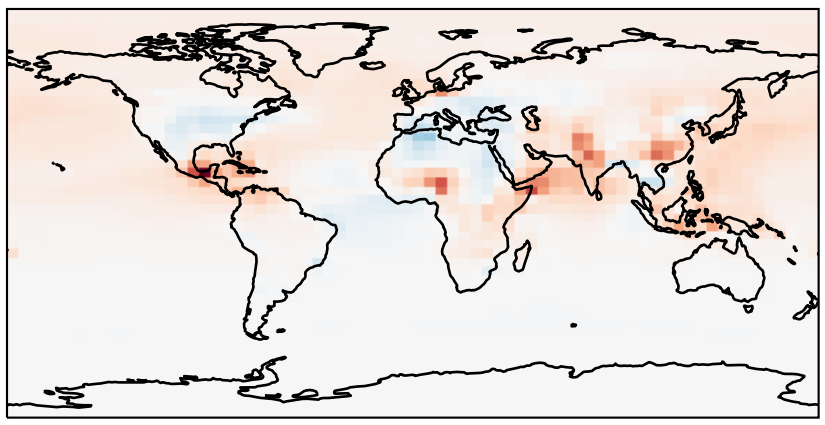


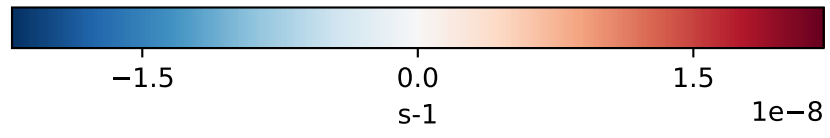
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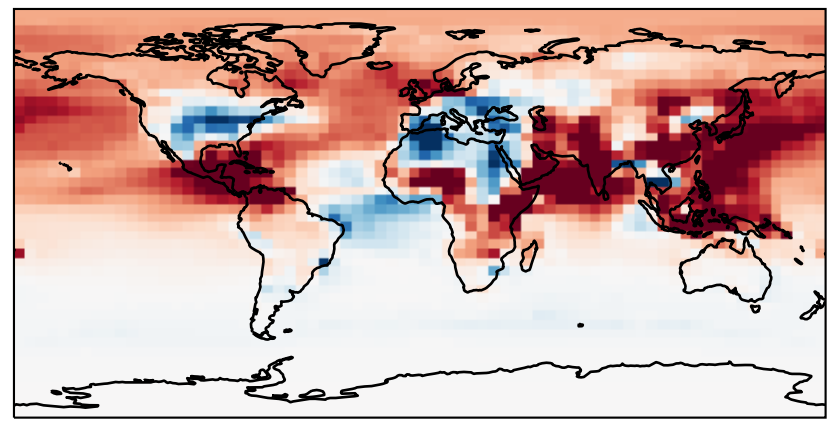


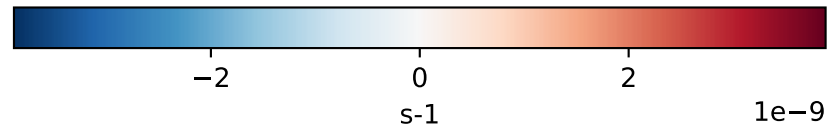
Difference
Dev - Ref, Dynamic Range



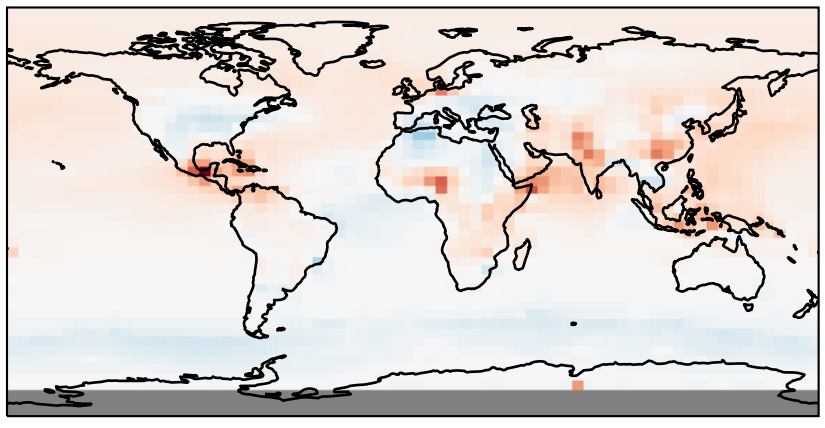


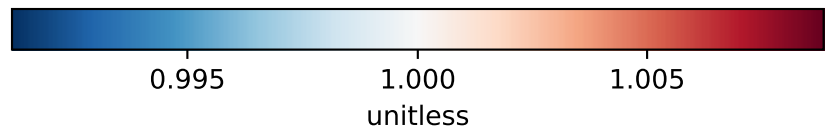
Difference
Dev - Ref, Restricted Range [5%,95%]



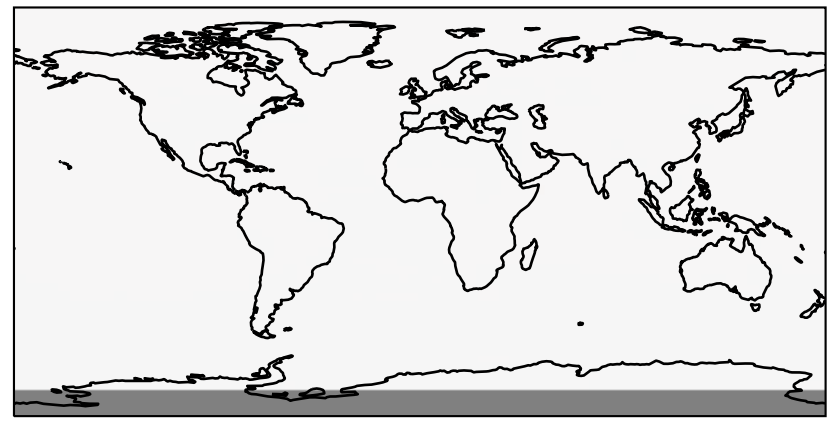


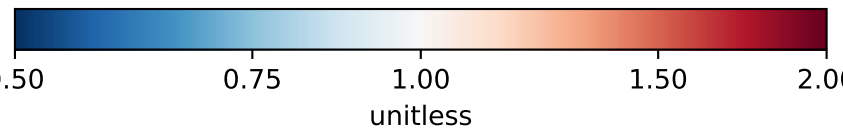
Ratio
Dev/Ref, Dynamic Range





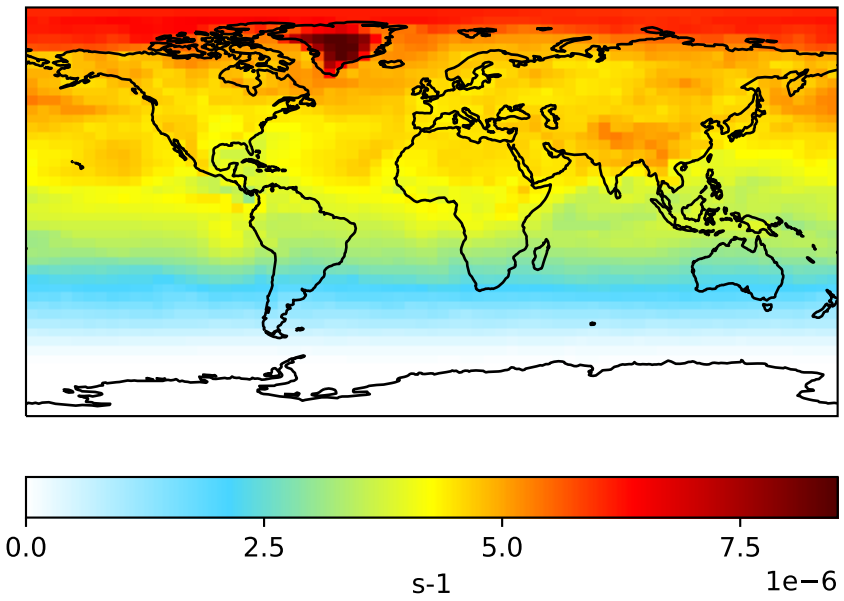
Ratio
Dev/Ref, Fixed Range



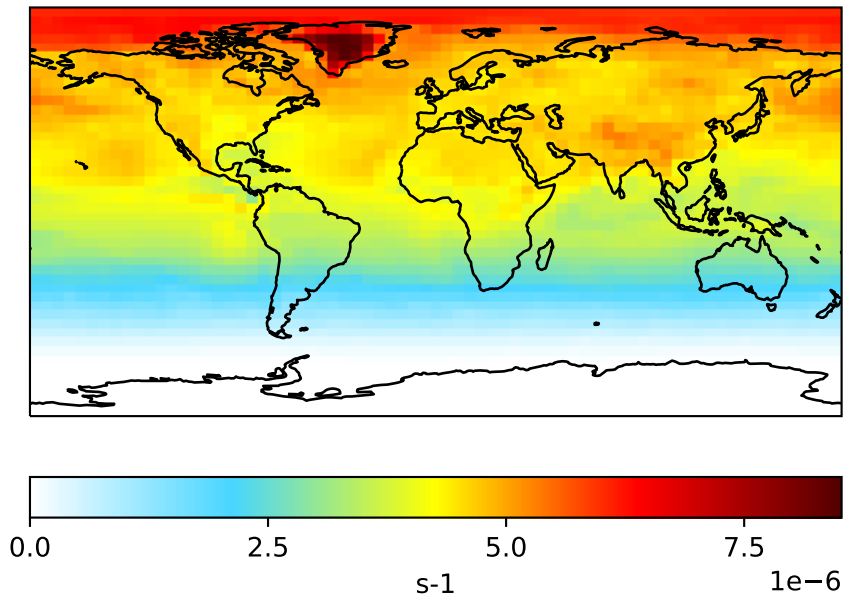


Jval_MVK

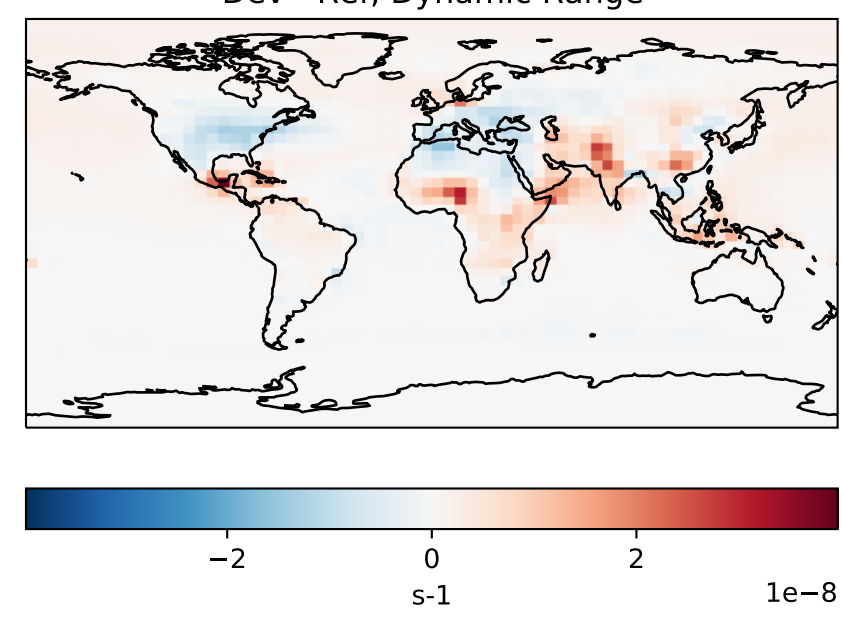
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



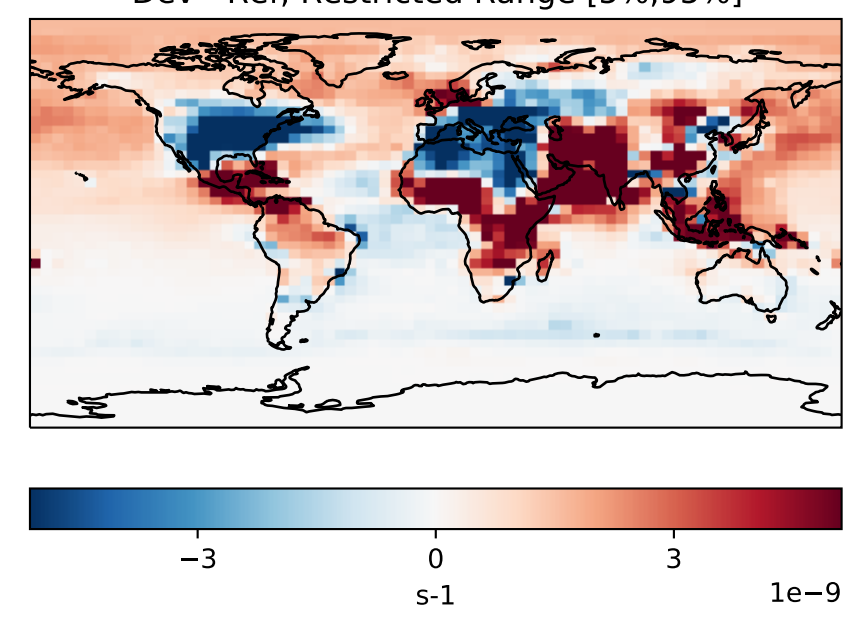
GCC_13.2.0-beta.0 (Dev)
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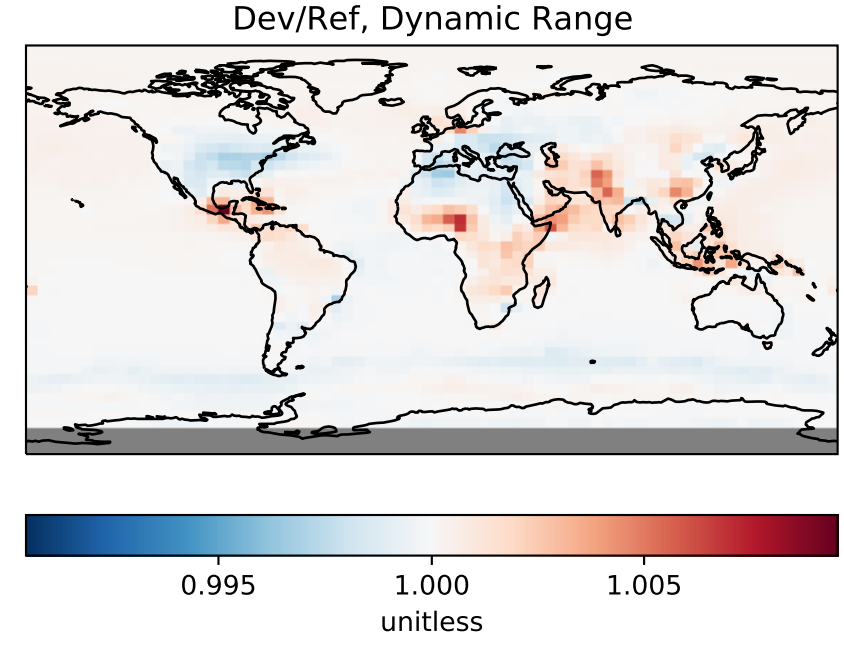
Difference
Dev - Ref, Dynamic Range



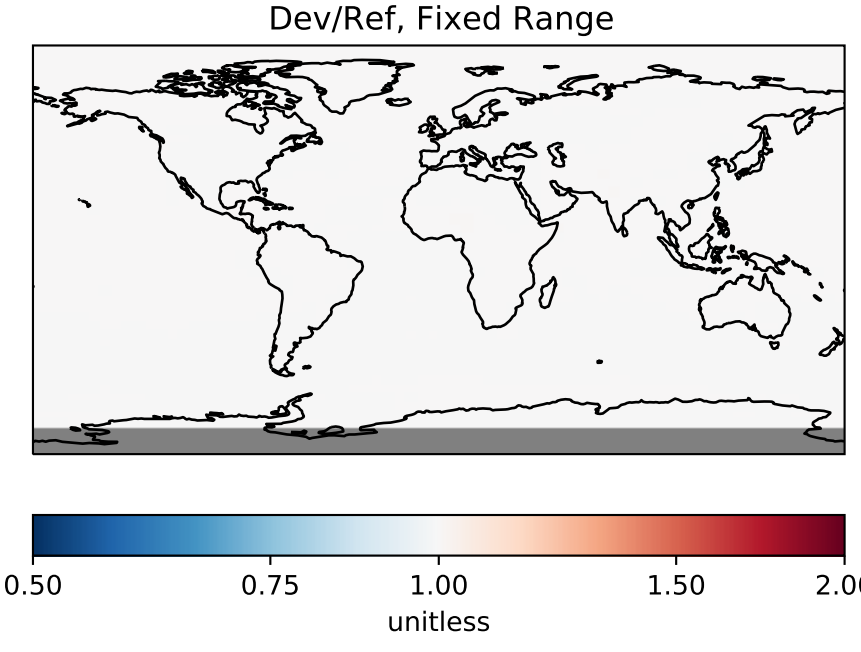
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

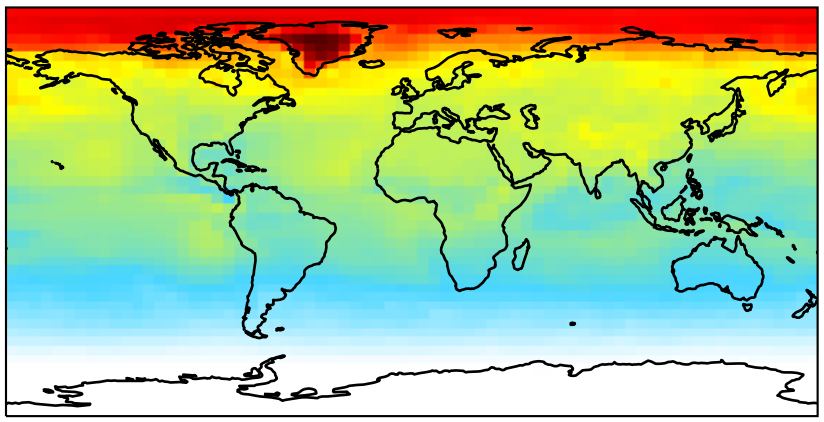


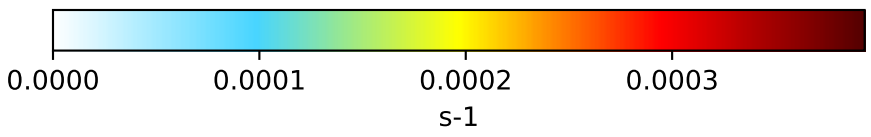
Ratio
Dev/Ref, Fixed Range



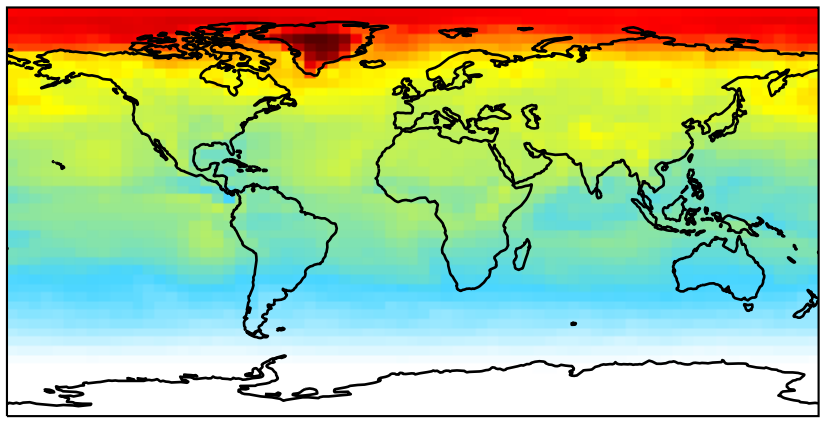
Jval_MVKHC

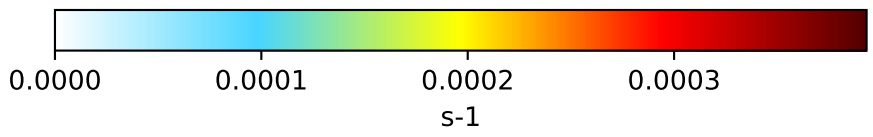
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



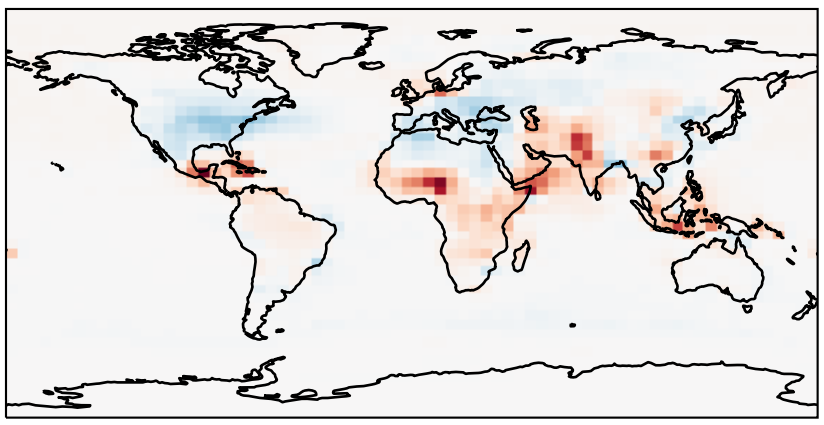


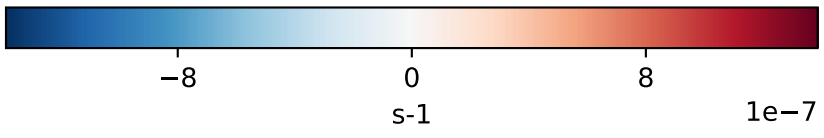
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



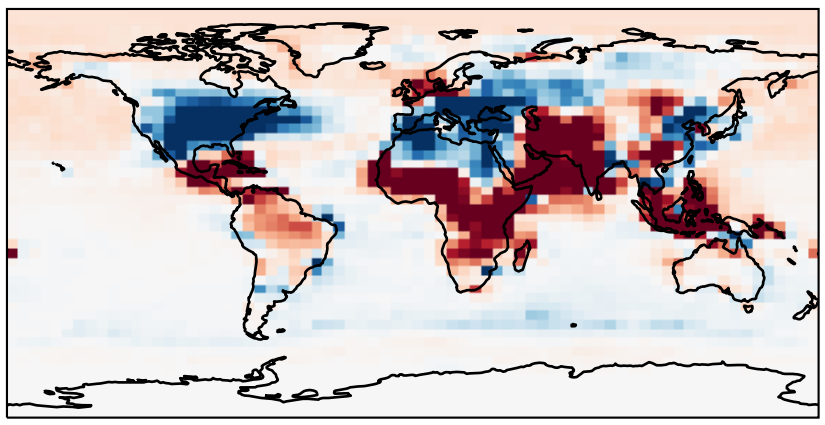


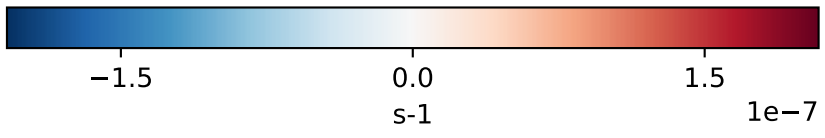
Difference
Dev - Ref, Dynamic Range



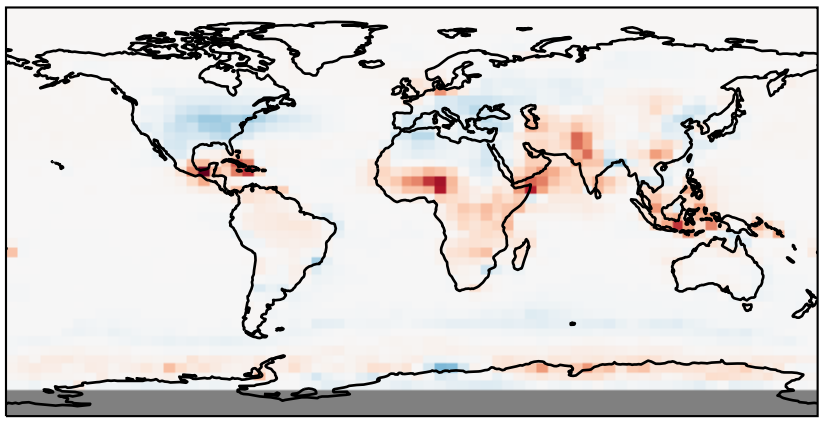


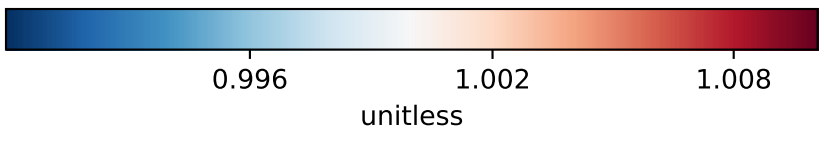
Difference
Dev - Ref, Restricted Range [5%,95%]



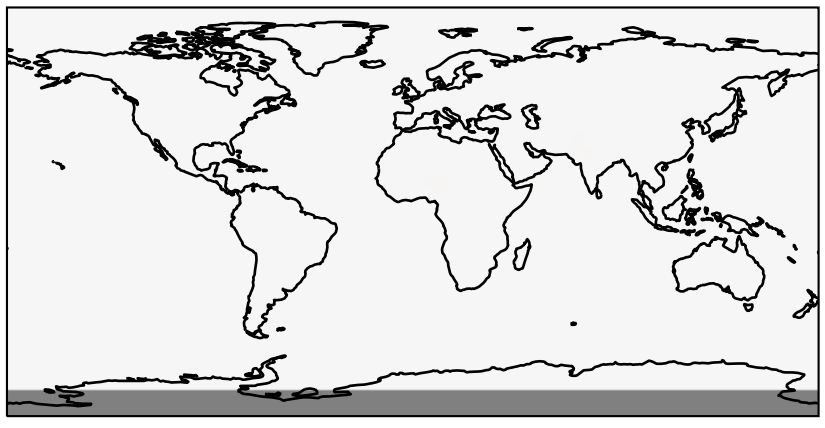


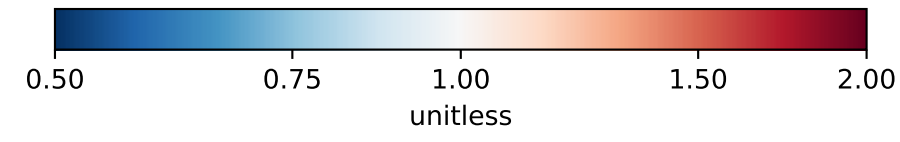
Ratio
Dev/Ref, Dynamic Range





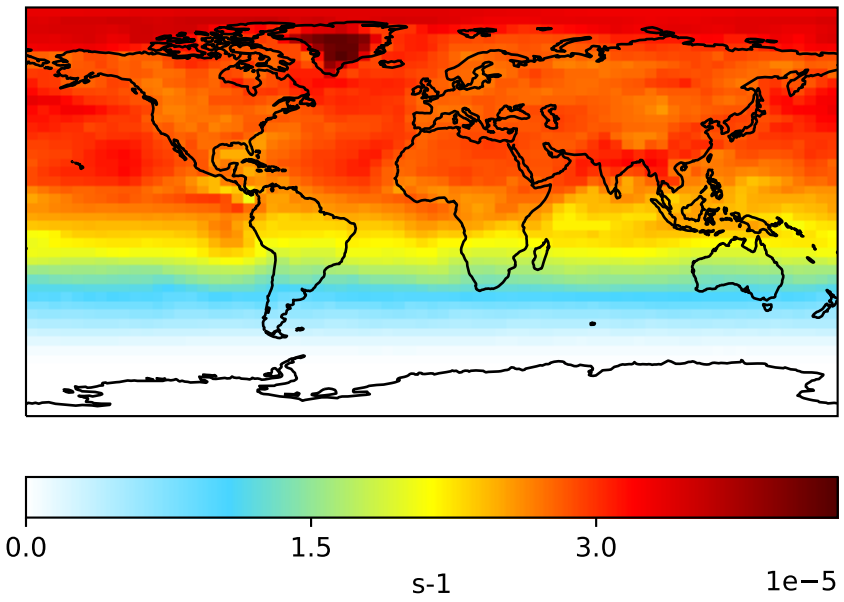
Ratio
Dev/Ref, Fixed Range



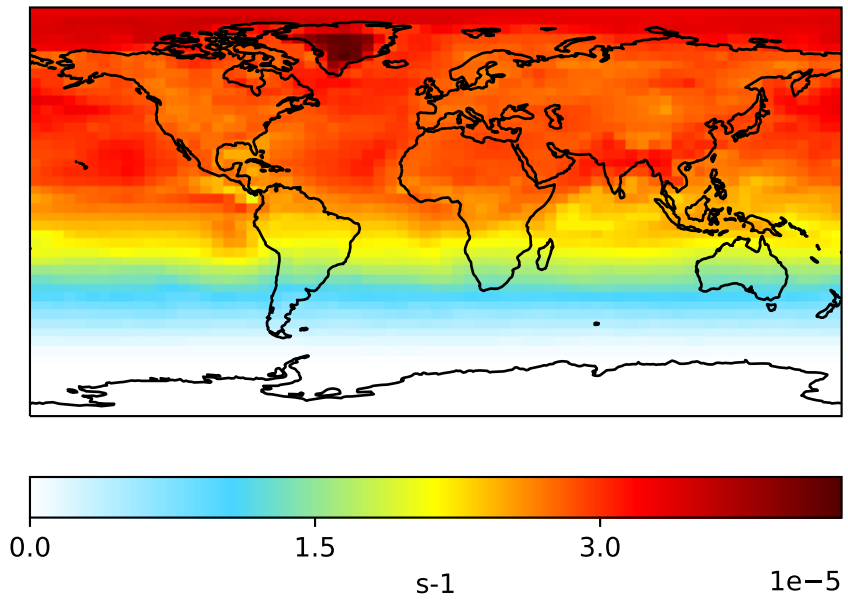


Jval_MVKHCB

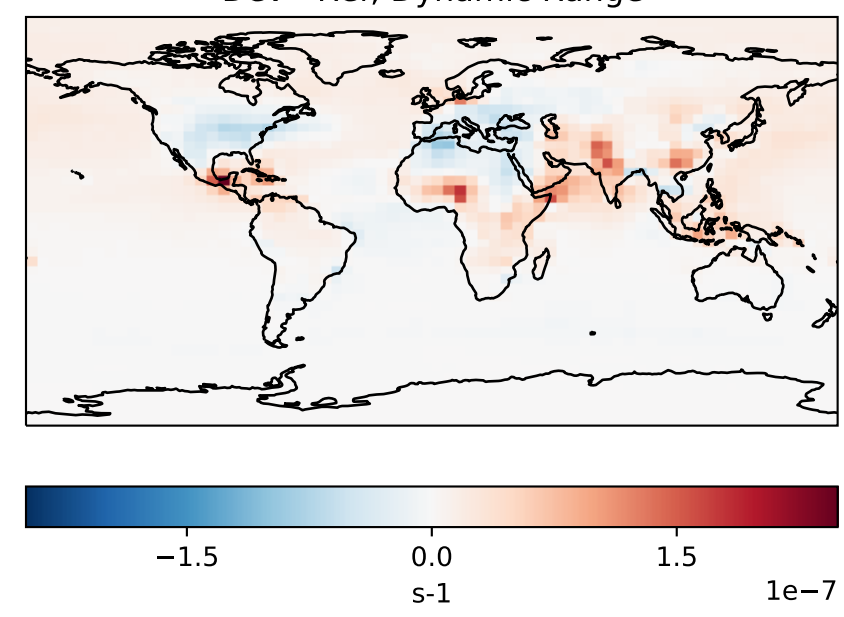
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



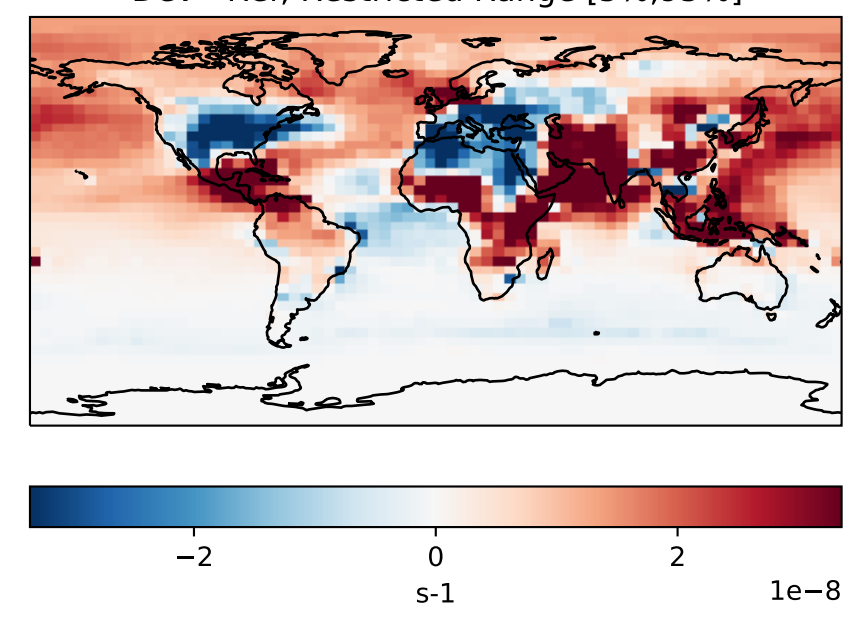
GCC_13.2.0-beta.0 (Dev)
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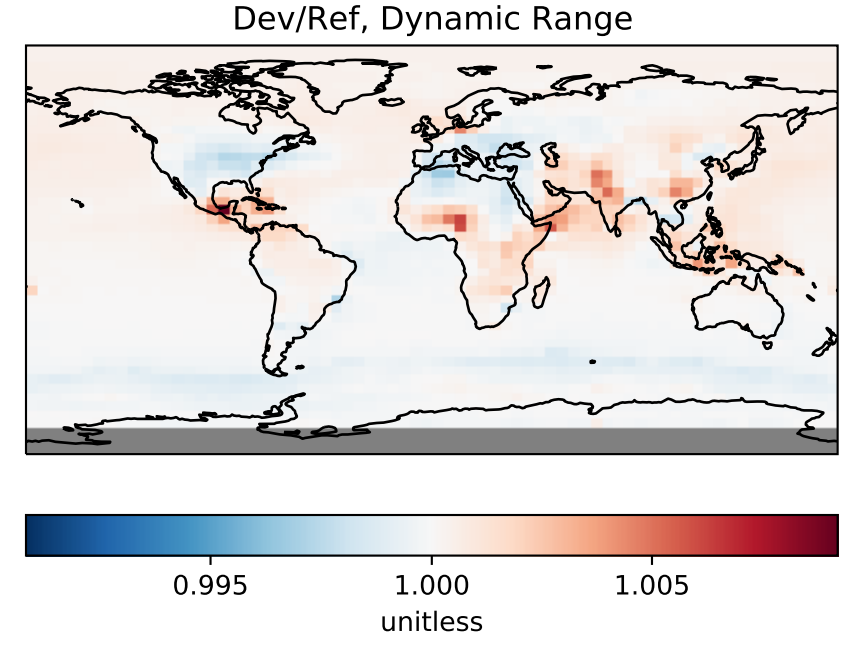
Difference
Dev - Ref, Dynamic Range



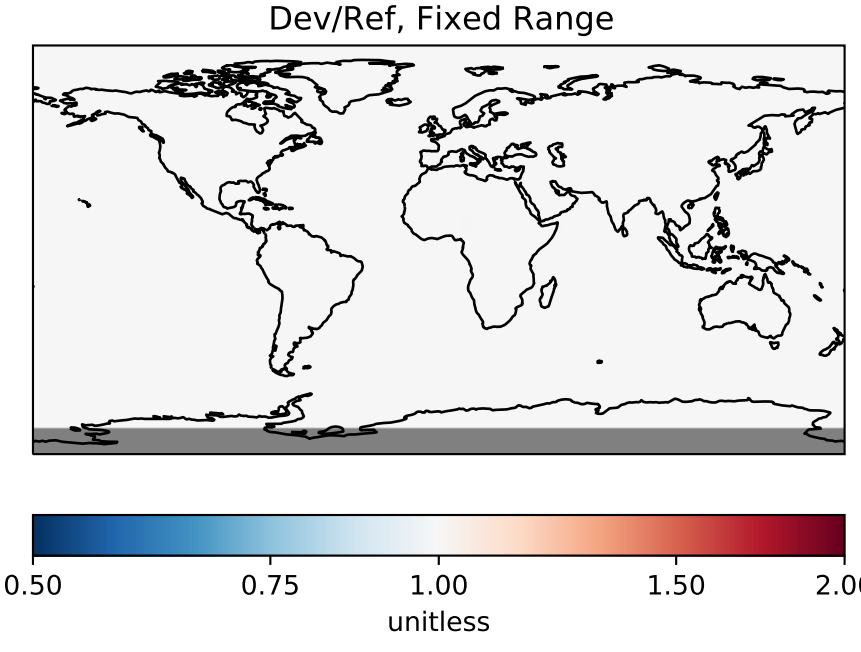
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

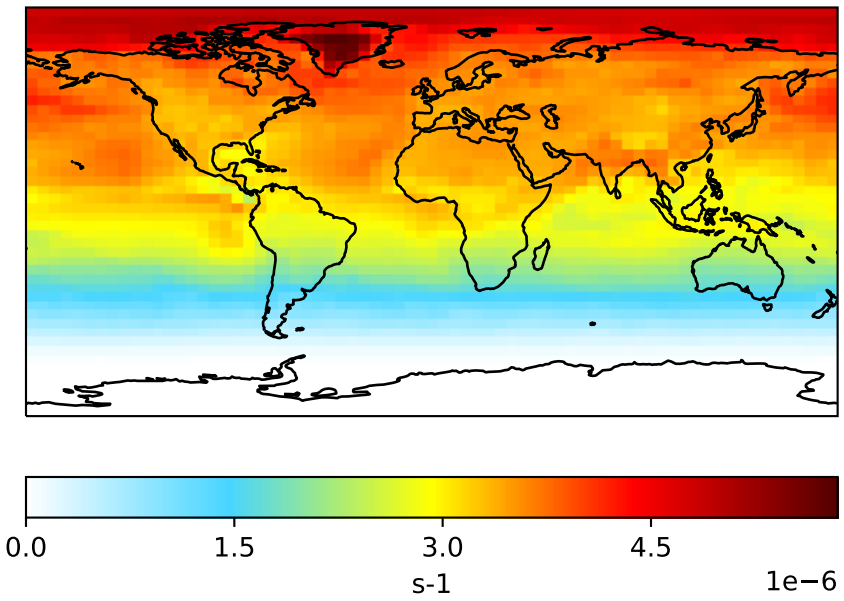


Ratio
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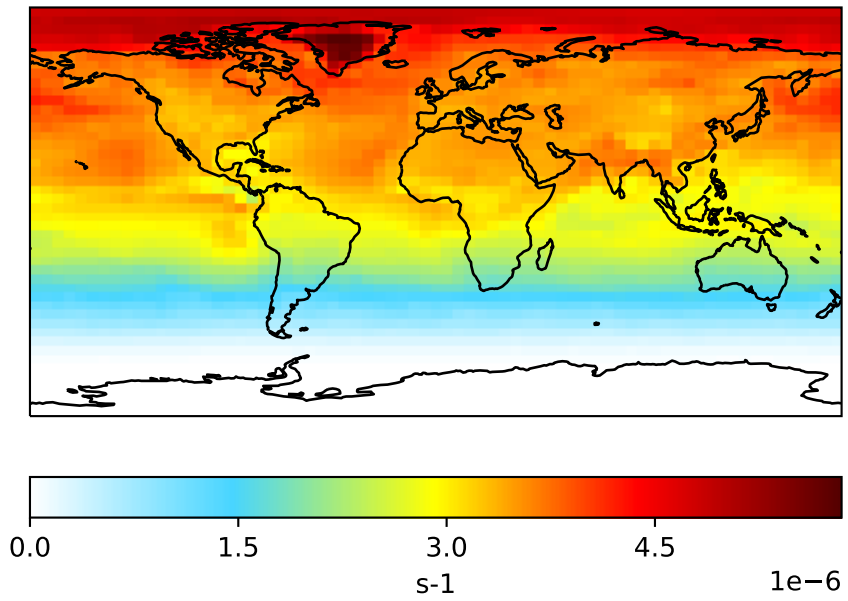


Jval_MVKHP

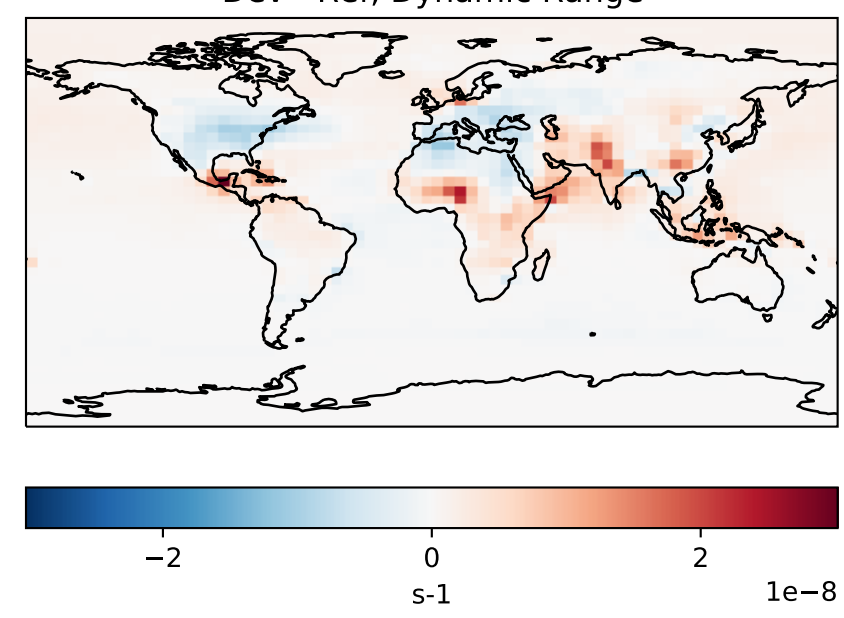
GCC_13.1.0-beta.1 (Ref)
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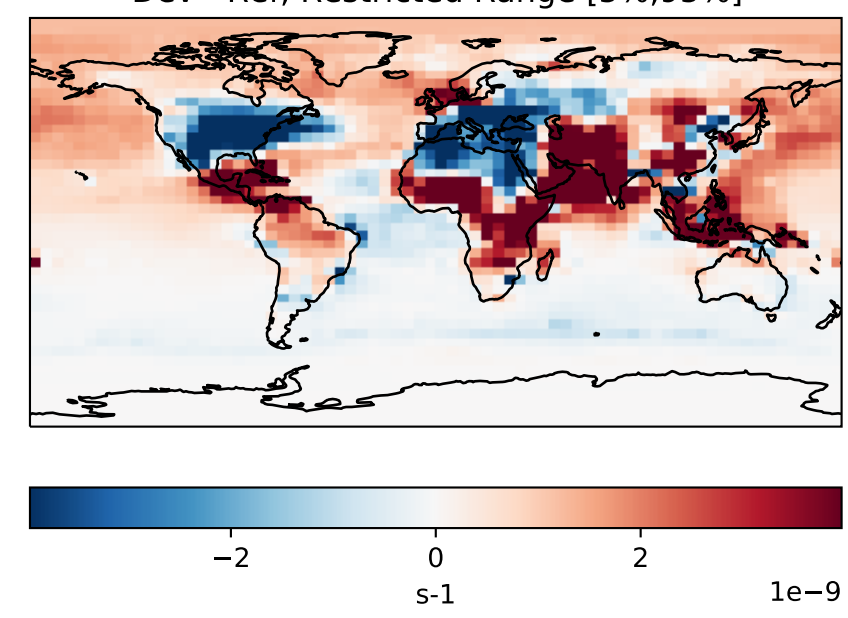
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



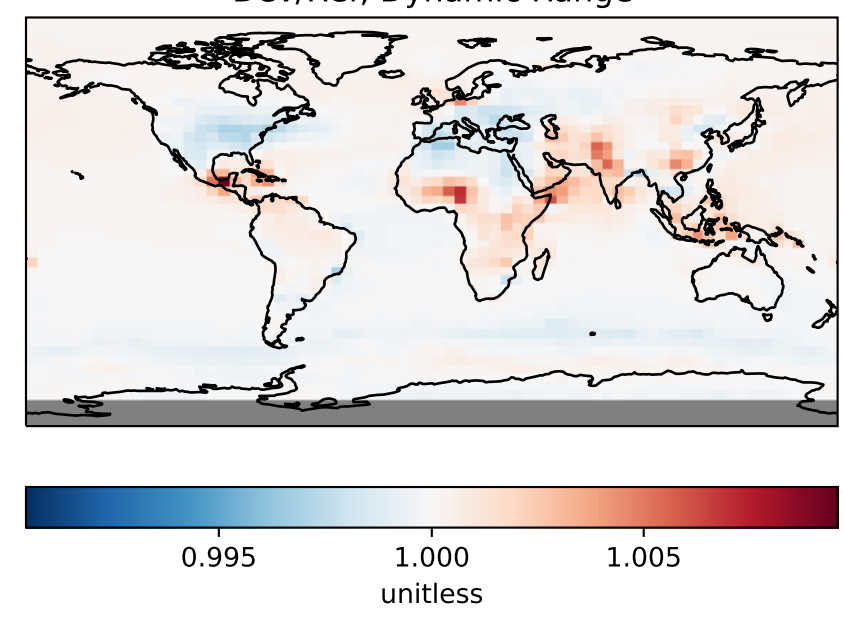
Difference
Dev - Ref, Dynamic Range



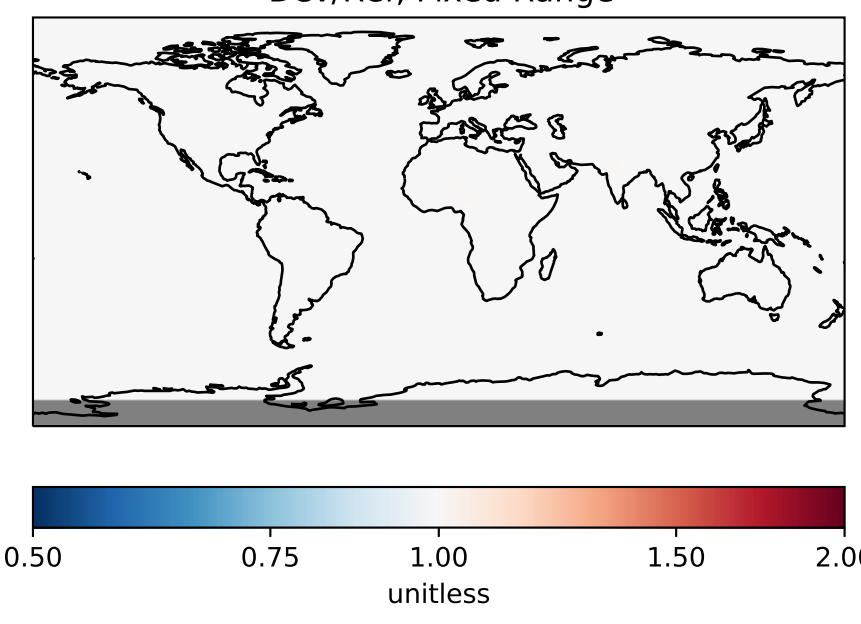
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

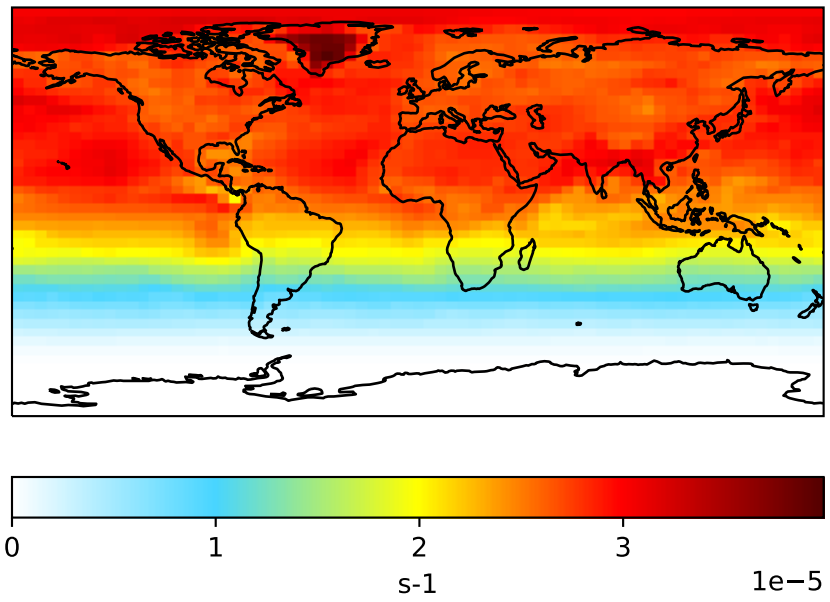


Ratio
Dev/Ref, Fixed Range

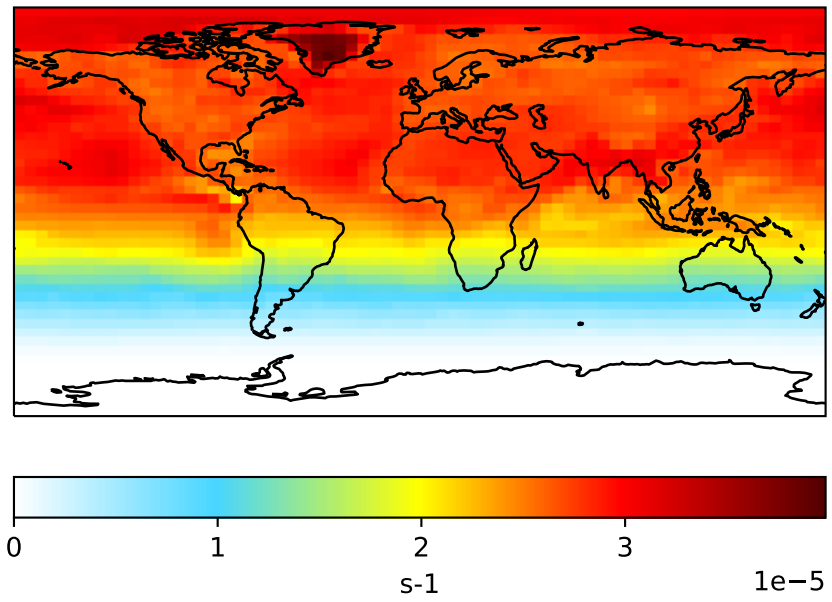


Jval_MVKN

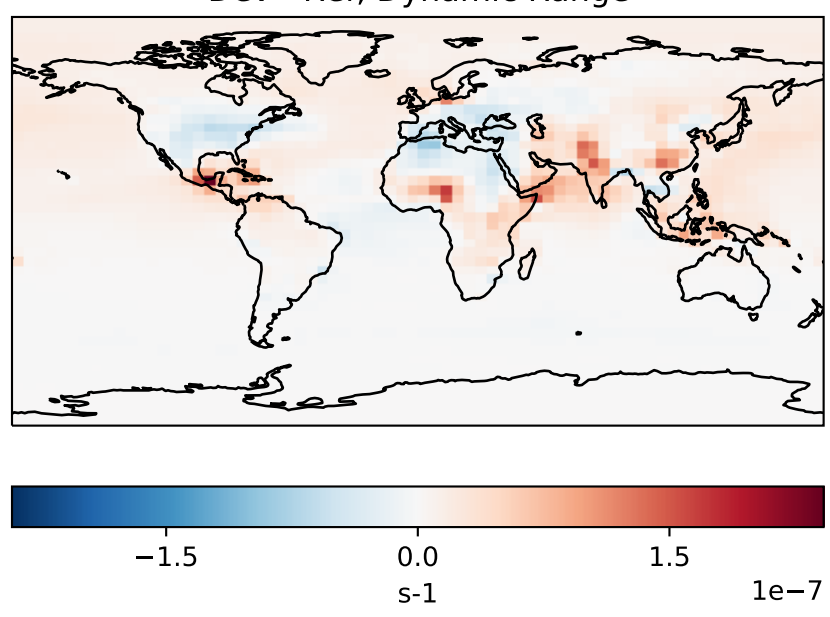
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4.0x5.0



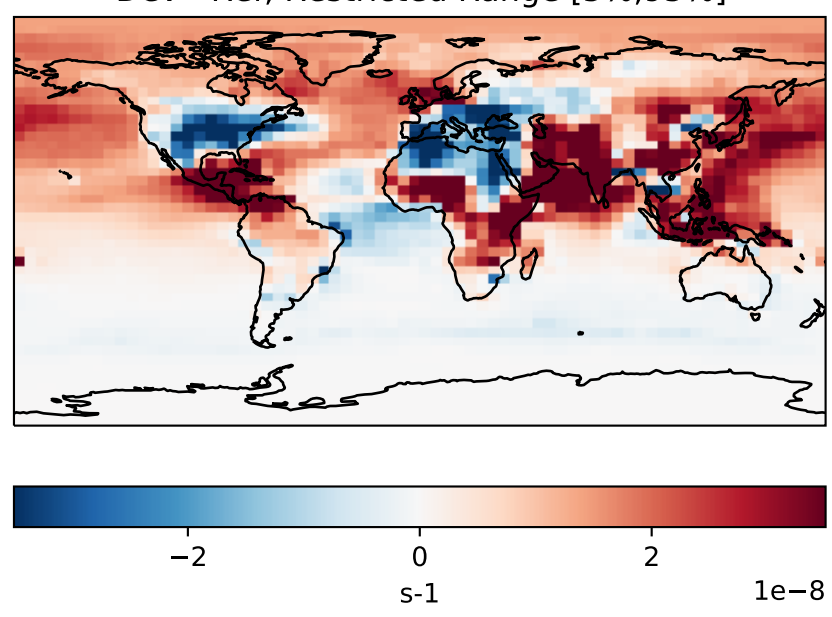
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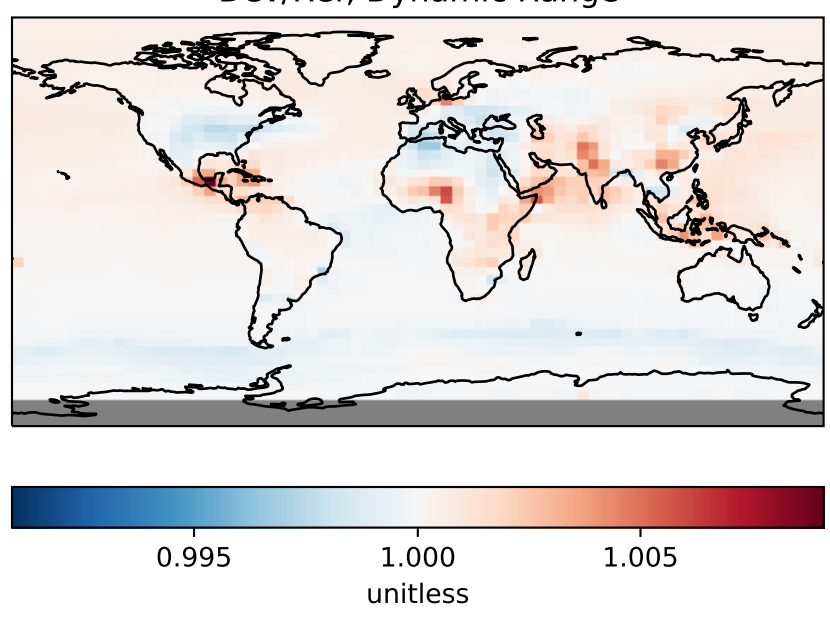
Difference
Dev - Ref, Dynamic Range



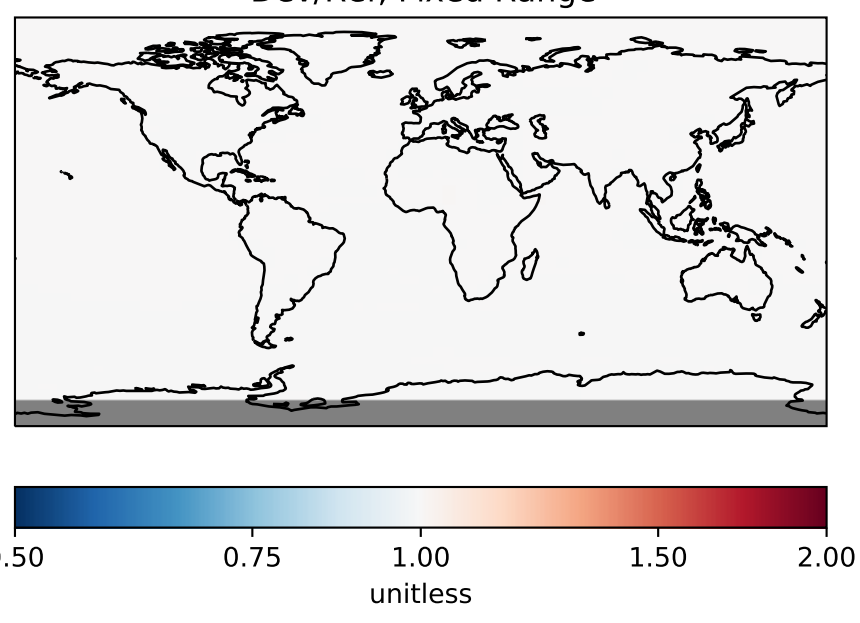
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

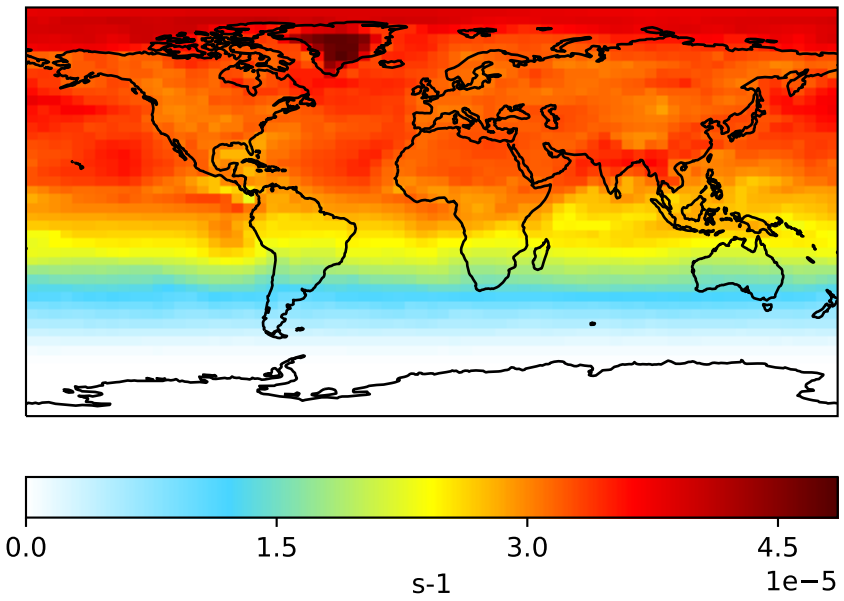


Ratio
Dev/Ref, Fixed Range

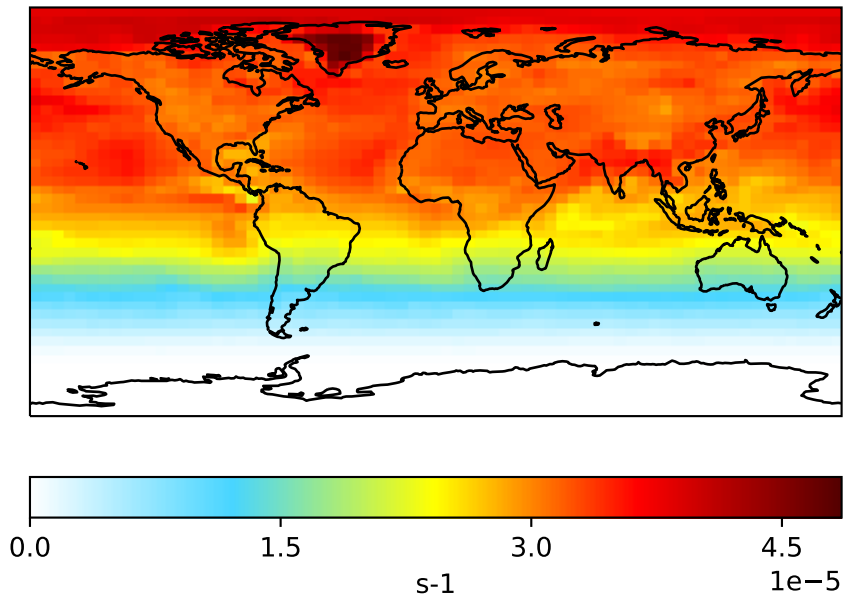


Jval_MVKPC

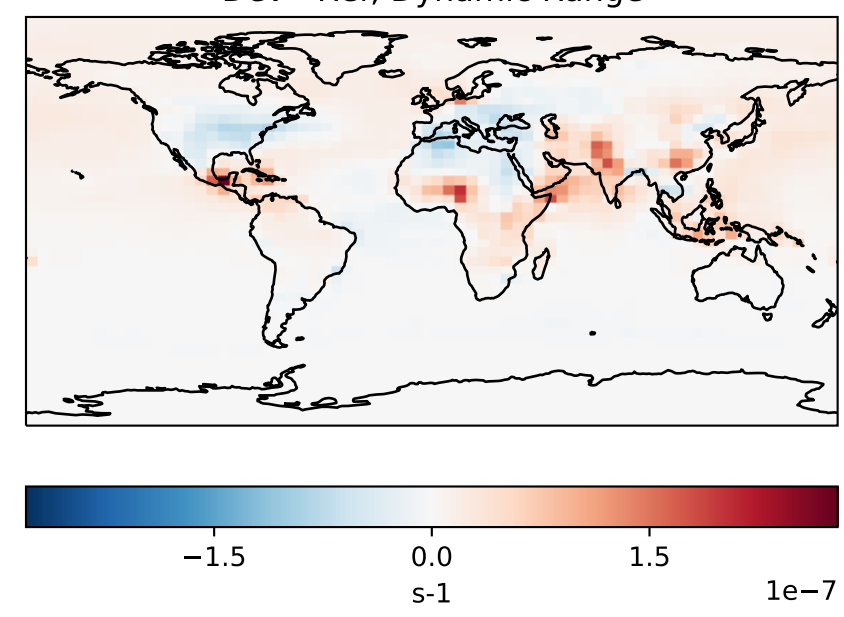
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



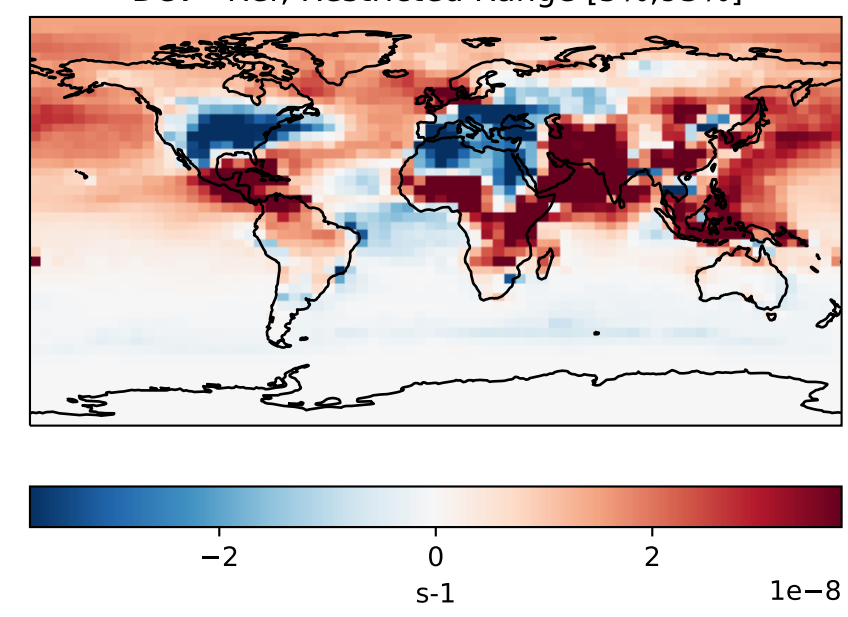
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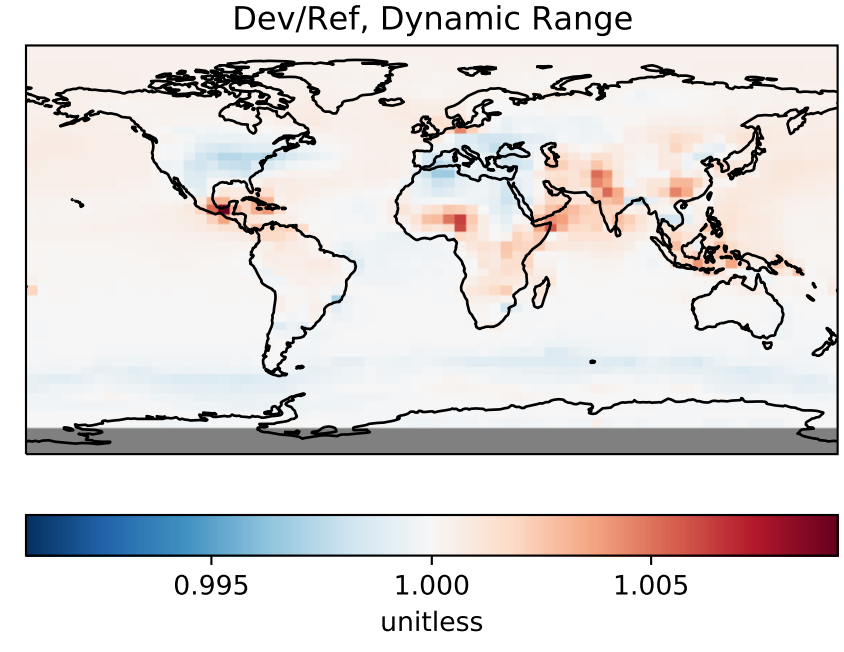
Difference
Dev - Ref, Dynamic Range



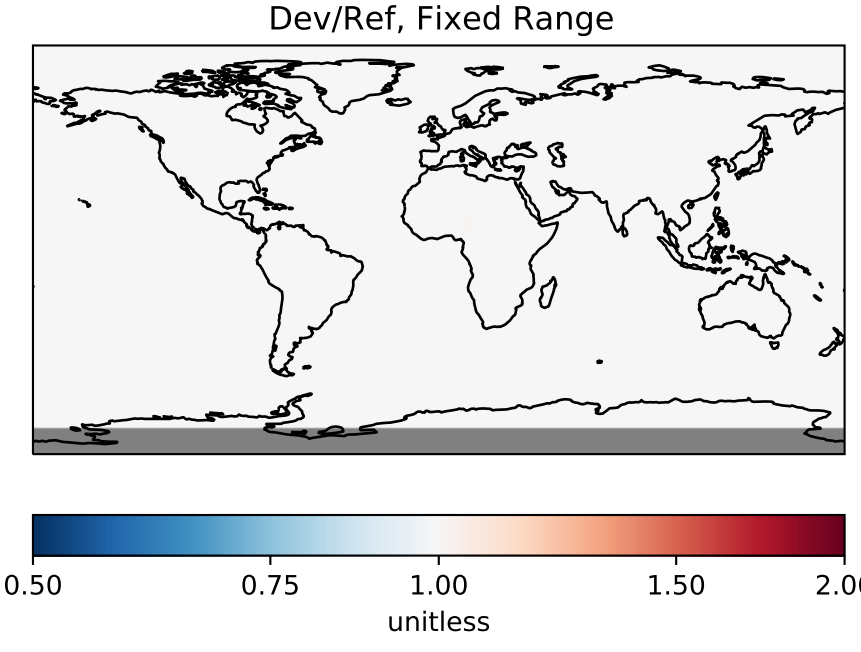
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

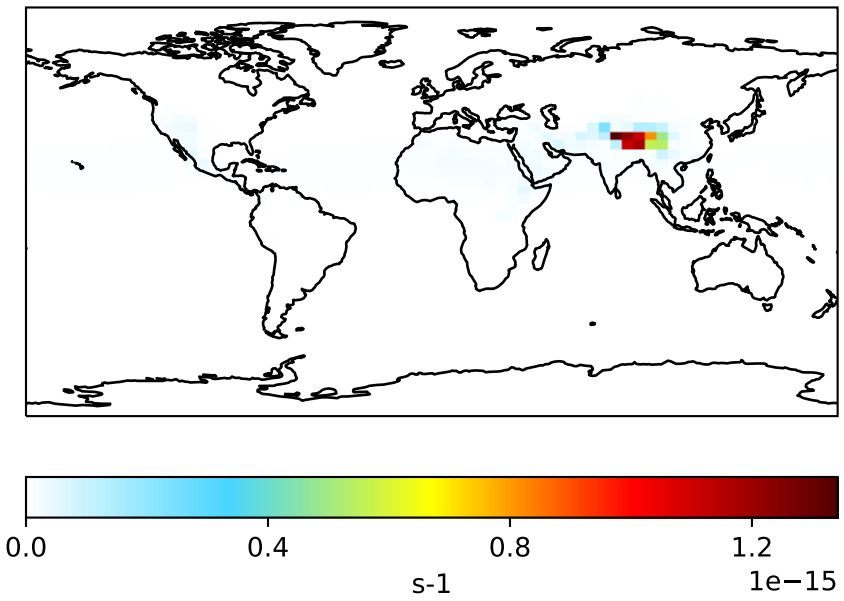


Ratio
Dev/Ref, Fixed Range

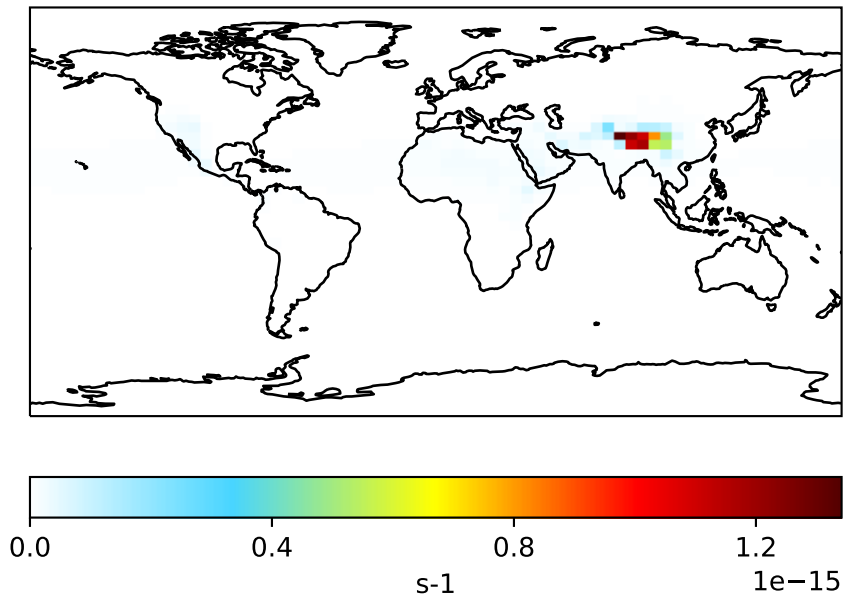


Jval_N2O

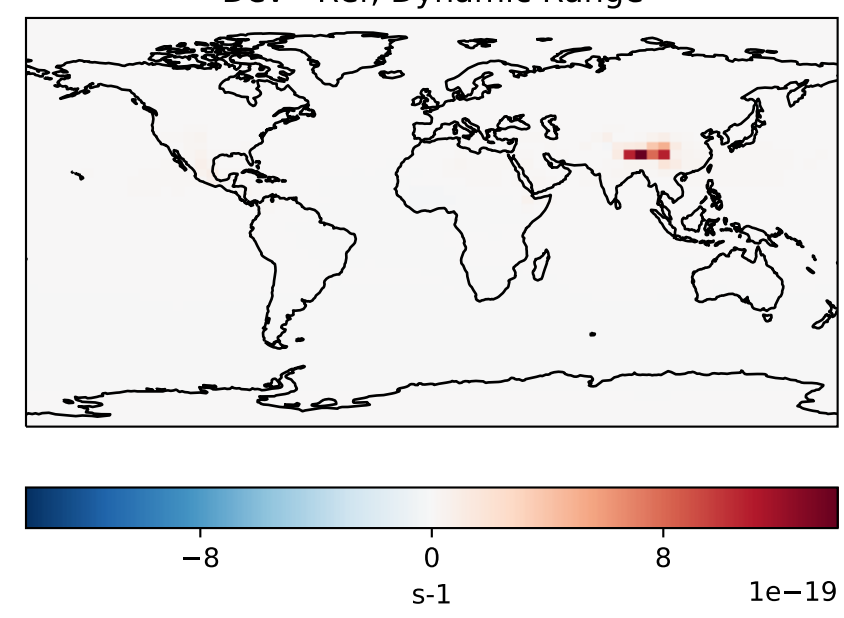
GCC_13.1.0-beta.1 (Ref)
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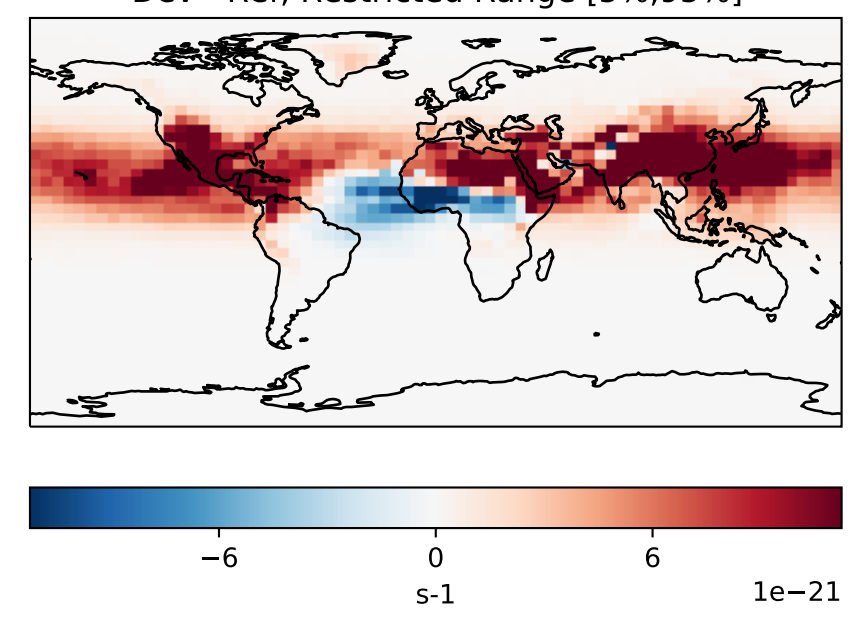
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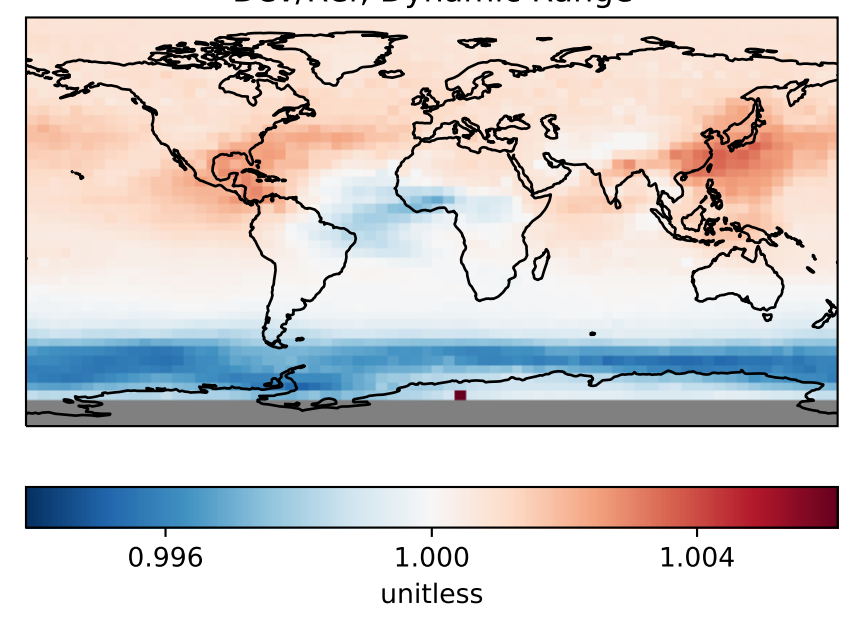
Difference
Dev - Ref, Dynamic Range



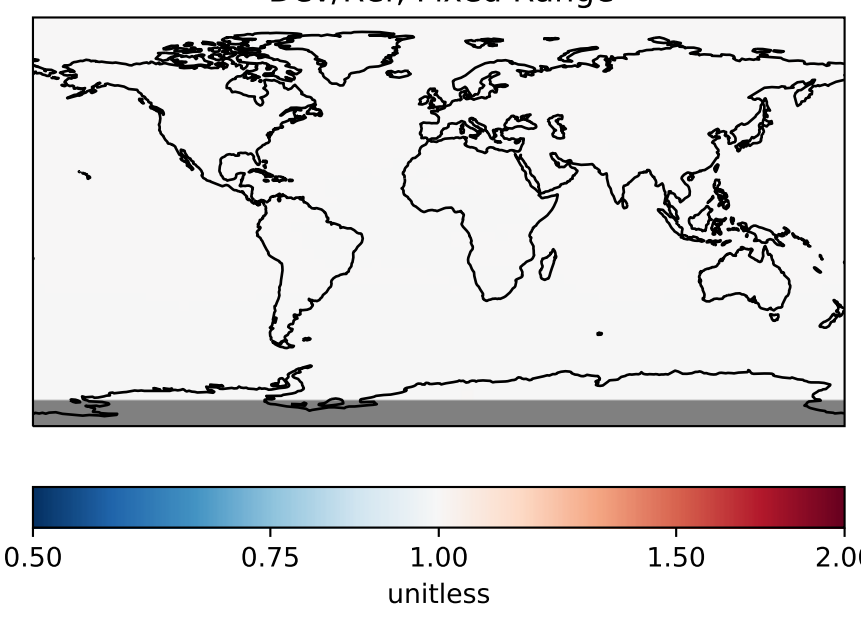
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

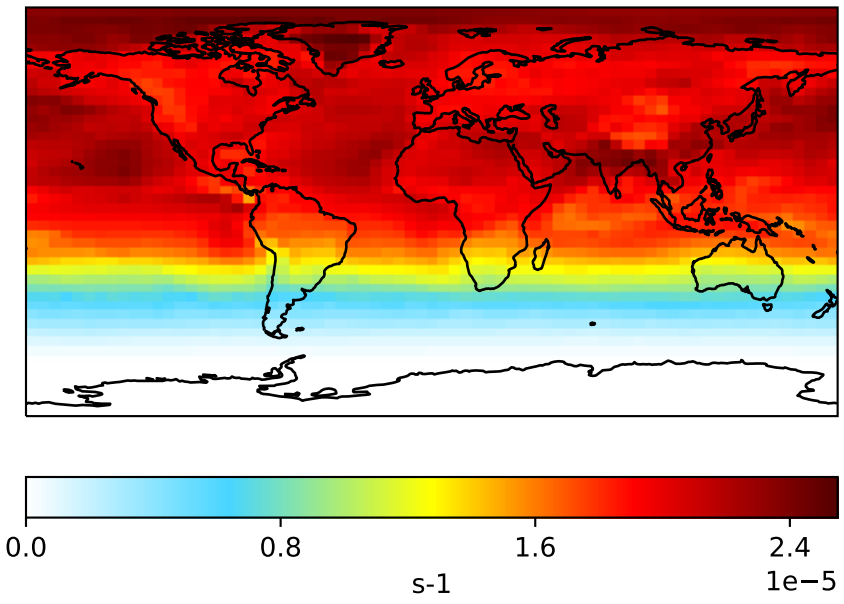


Ratio
Dev/Ref, Fixed Range

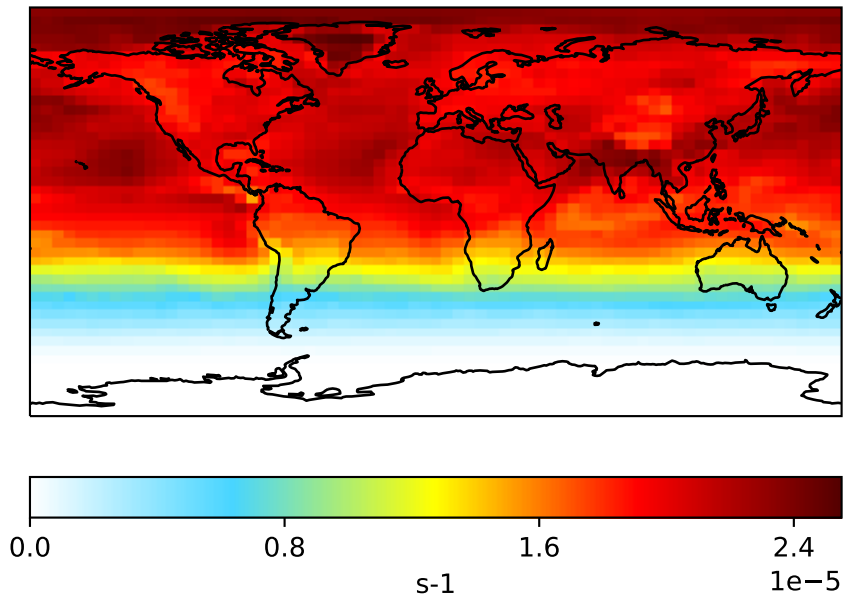


Jval_N2O5

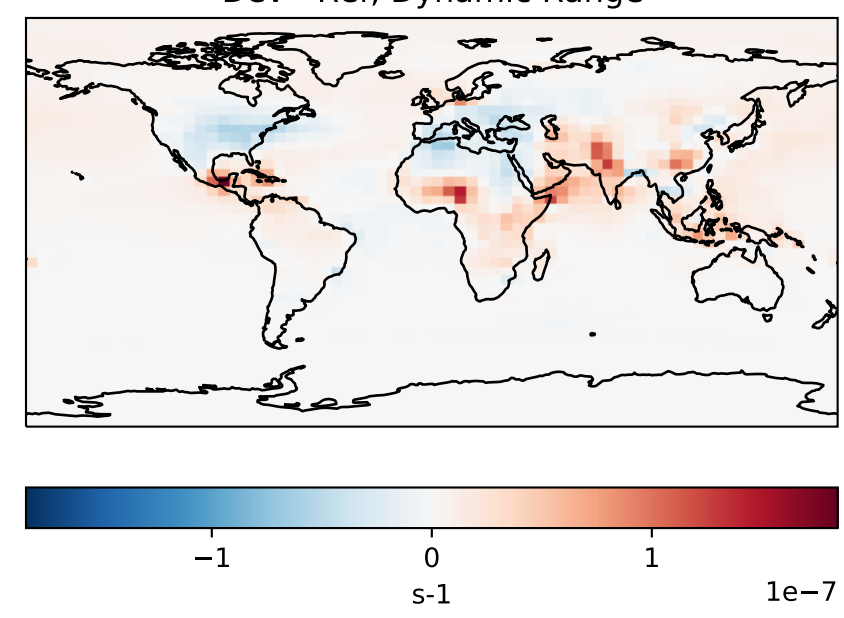
GCC_13.1.0-beta.1 (Ref)
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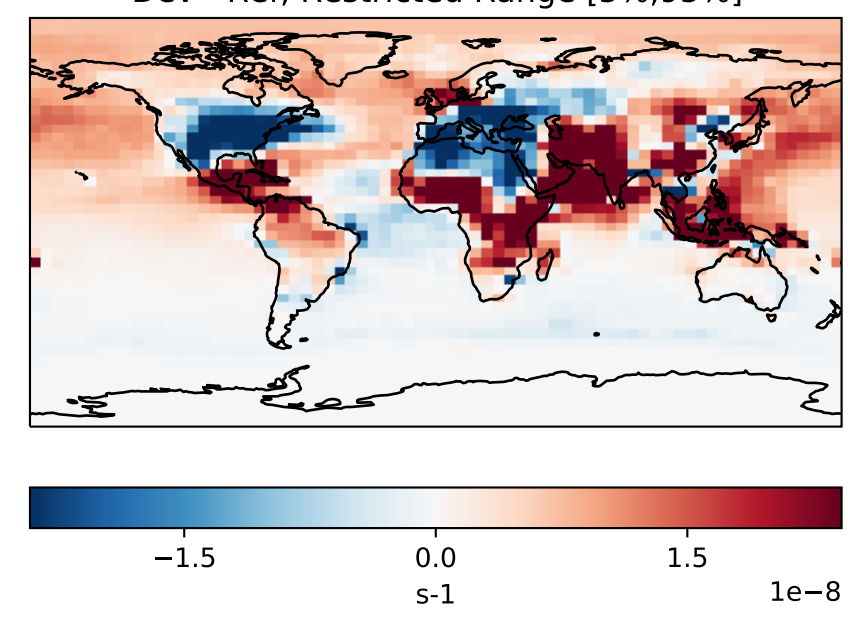
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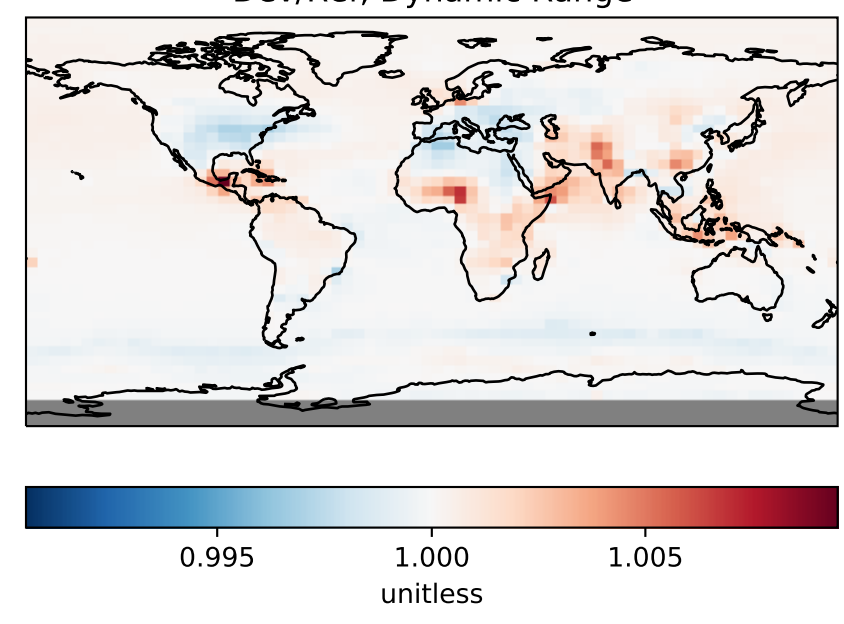
Difference
Dev - Ref, Dynamic Range



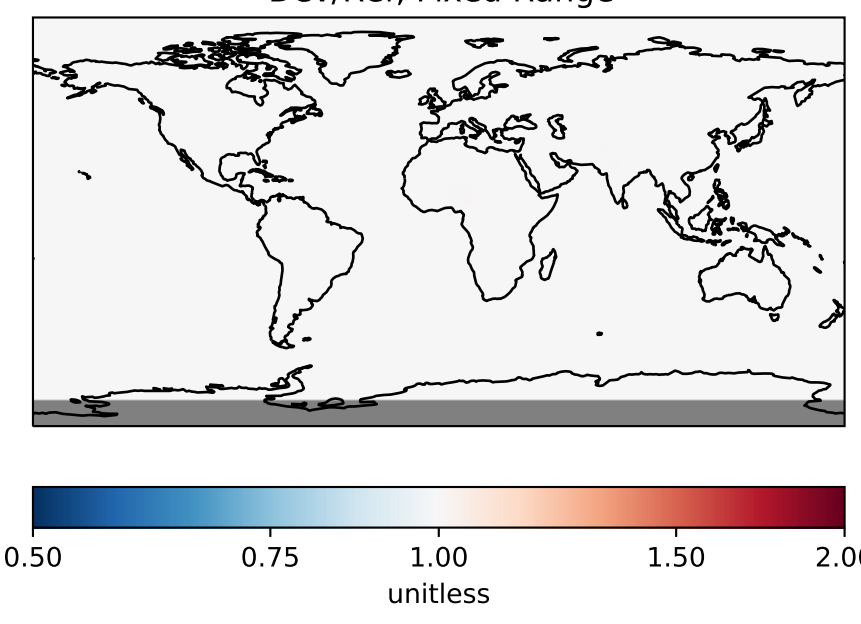
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

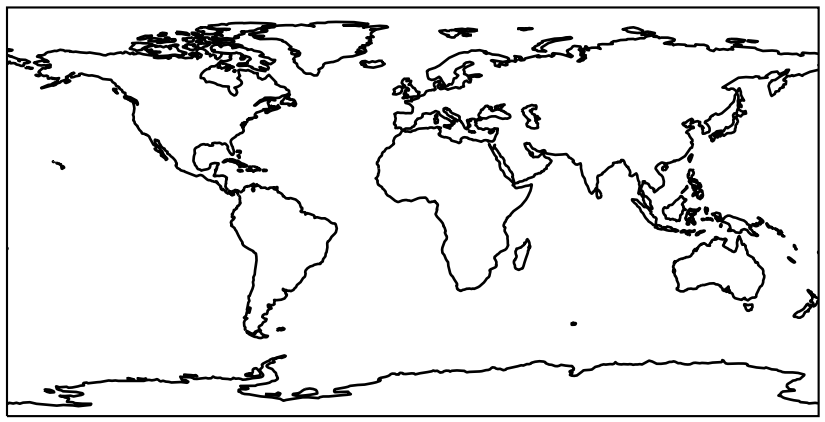


Ratio
Dev/Ref, Fixed Range



Jval_NIT

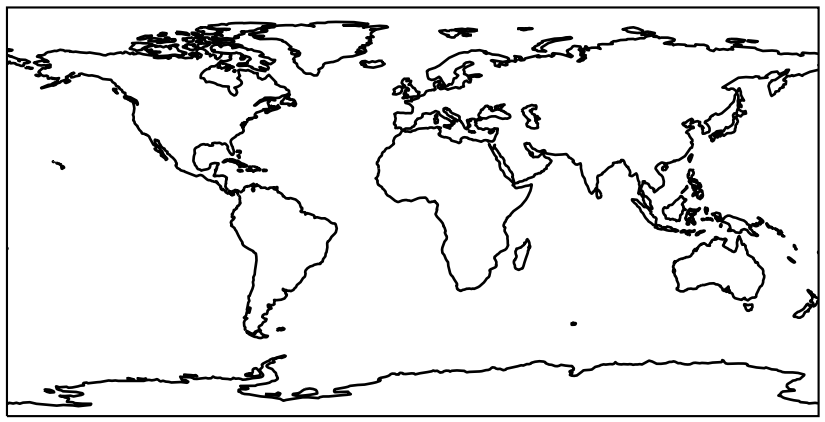
GCC_13.1.0-beta.1 (Ref)
4.0x5.0





Zero throughout domain
s-1

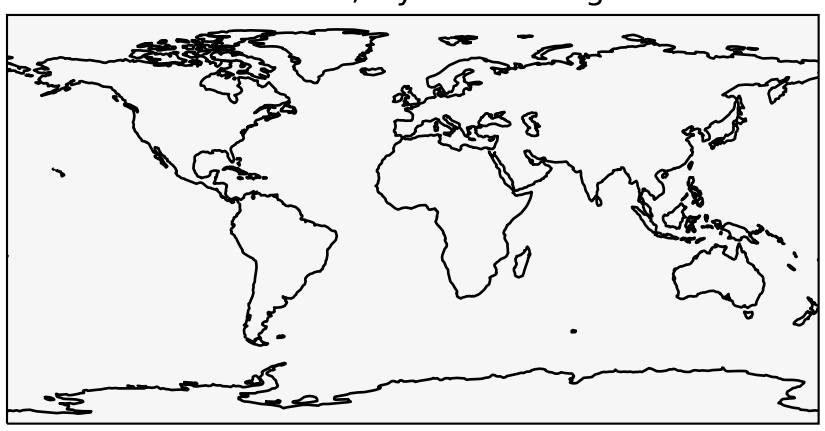
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4.0x5.0





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s-1

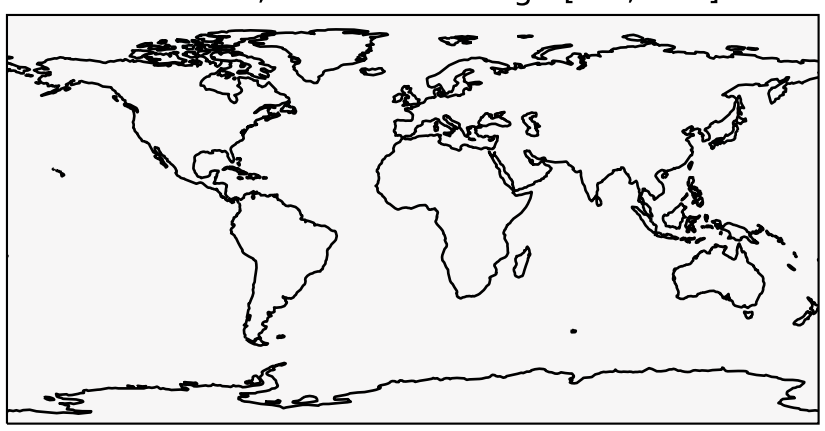
Difference
Dev - Ref, Dynamic Range





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s-1

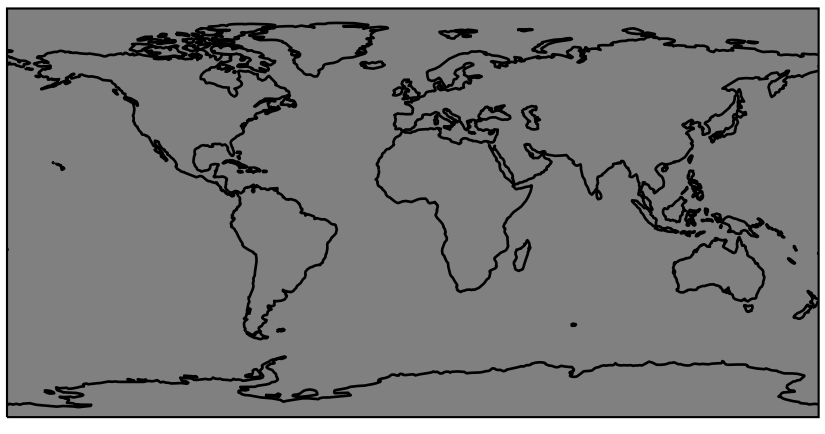
Difference
Dev - Ref, Restricted Range [5%,95%]





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s-1

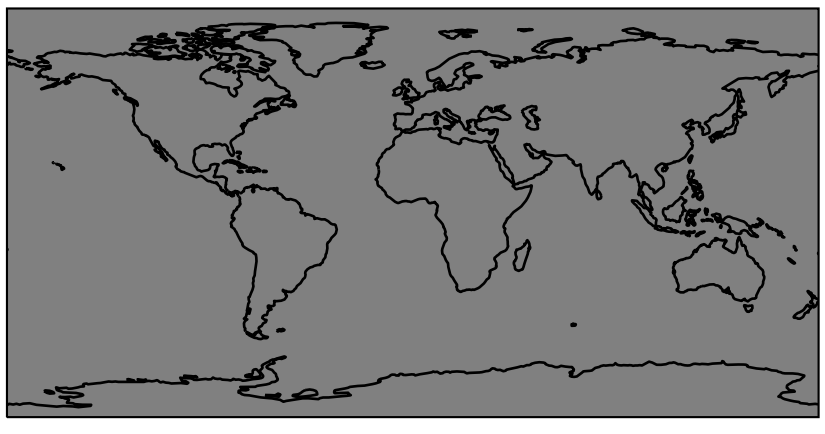
Ratio
Dev/Ref, Dynamic Range





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Ratio
Dev/Ref, Fixed Range

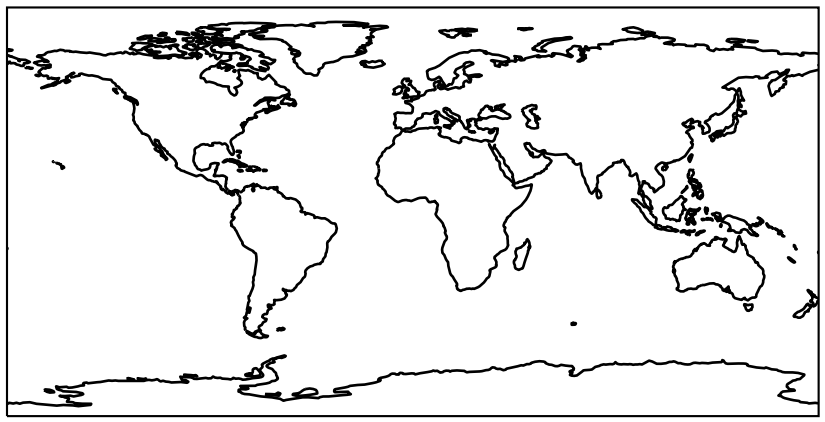




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Jval_NITs

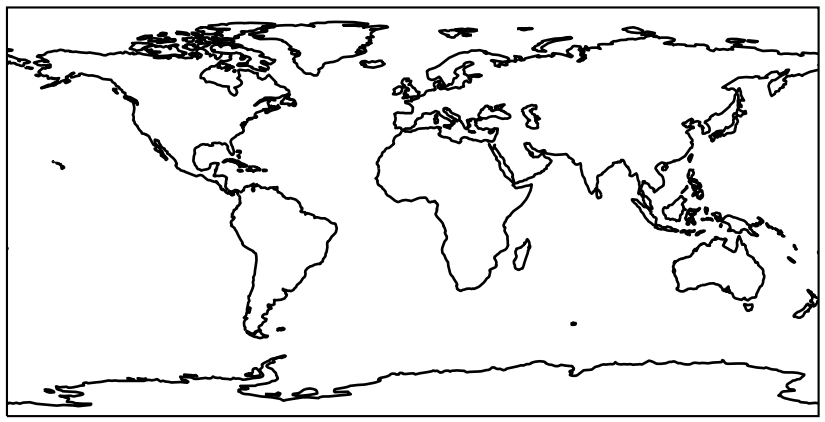
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4.0x5.0





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s-1

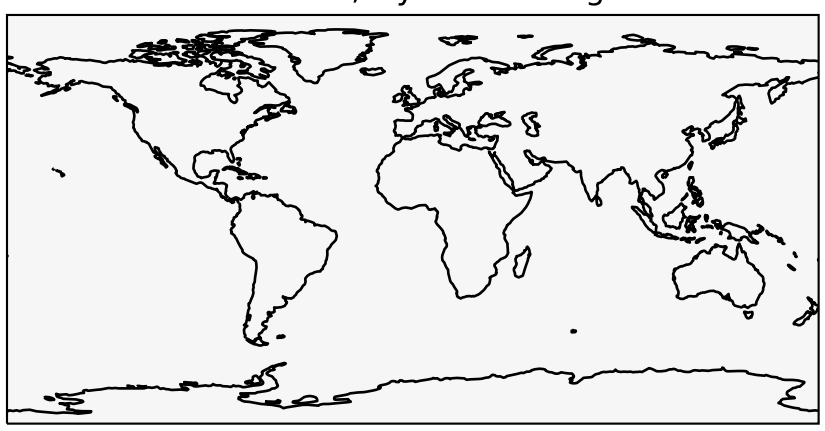
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4.0x5.0





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s-1

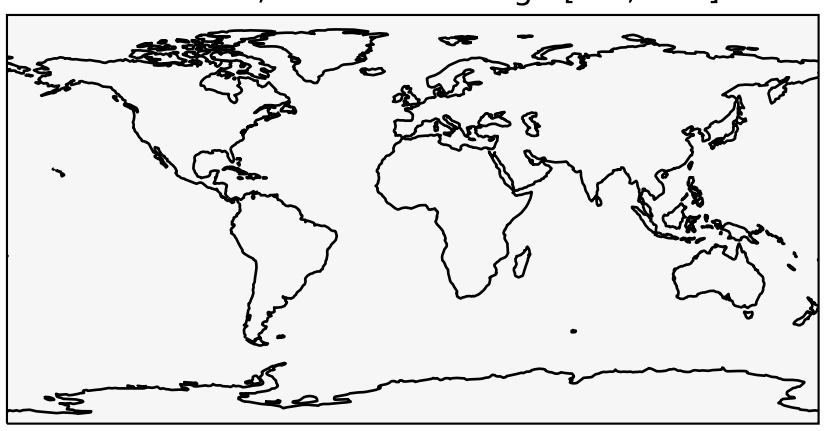
Difference
Dev - Ref, Dynamic Range





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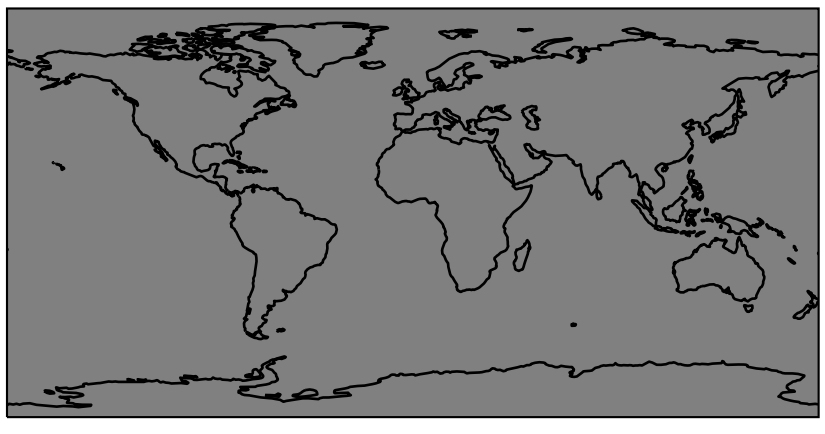
Difference
Dev - Ref, Restricted Range [5%,95%]





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s-1

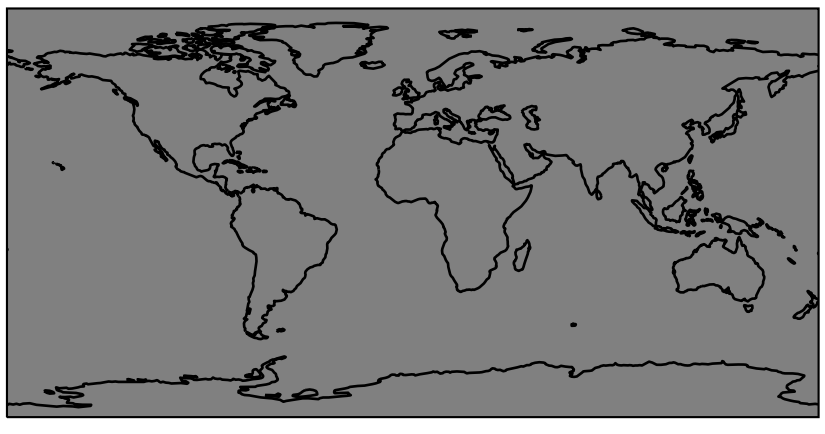
Ratio
Dev/Ref, Dynamic Range





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Ratio
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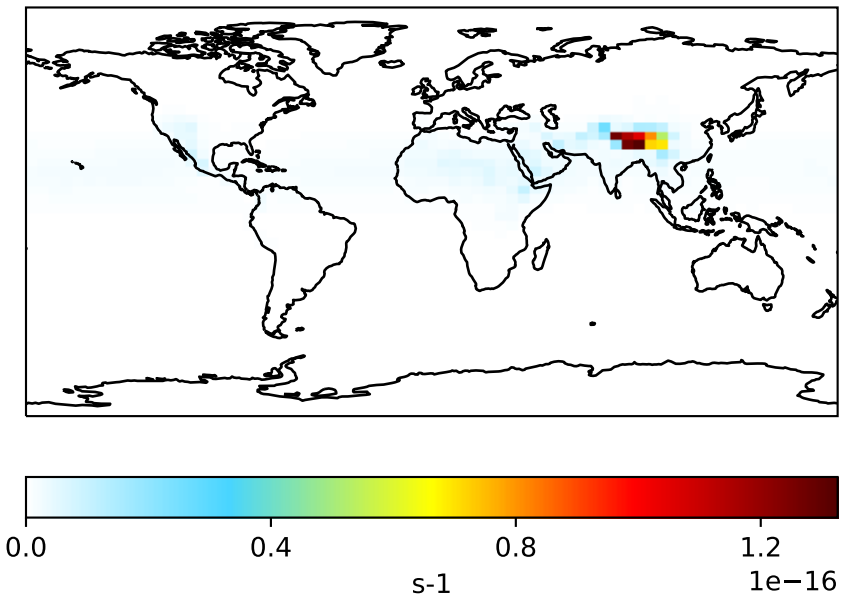




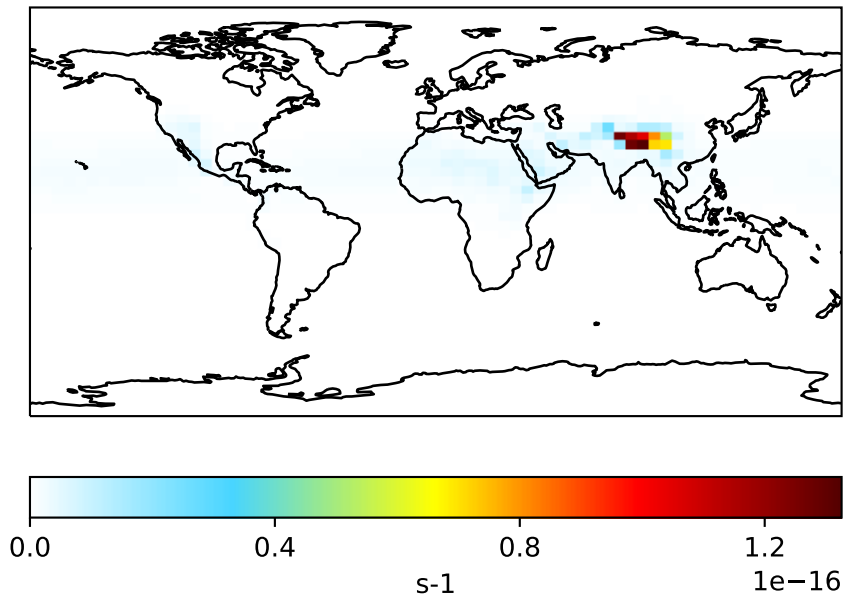
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Jval_NO

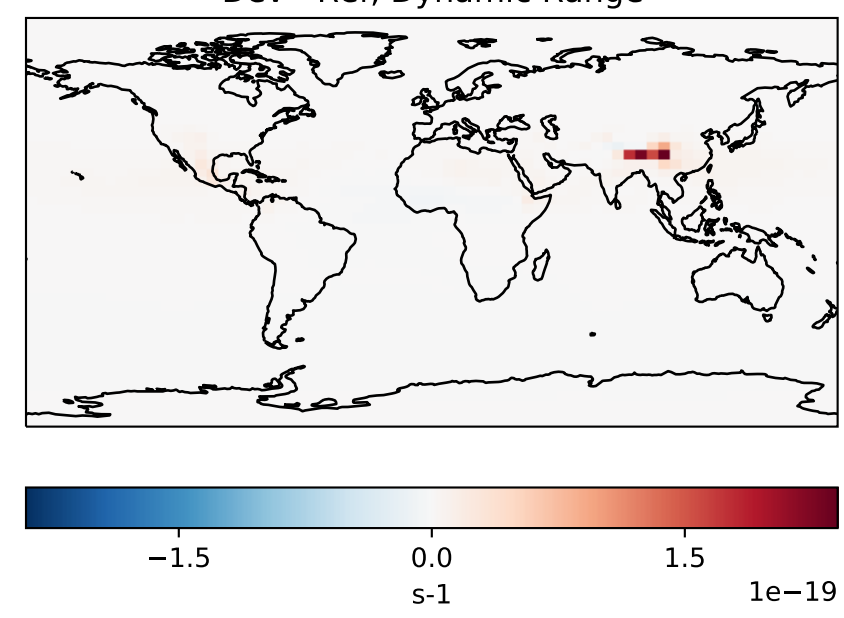
GCC_13.1.0-beta.1 (Ref)
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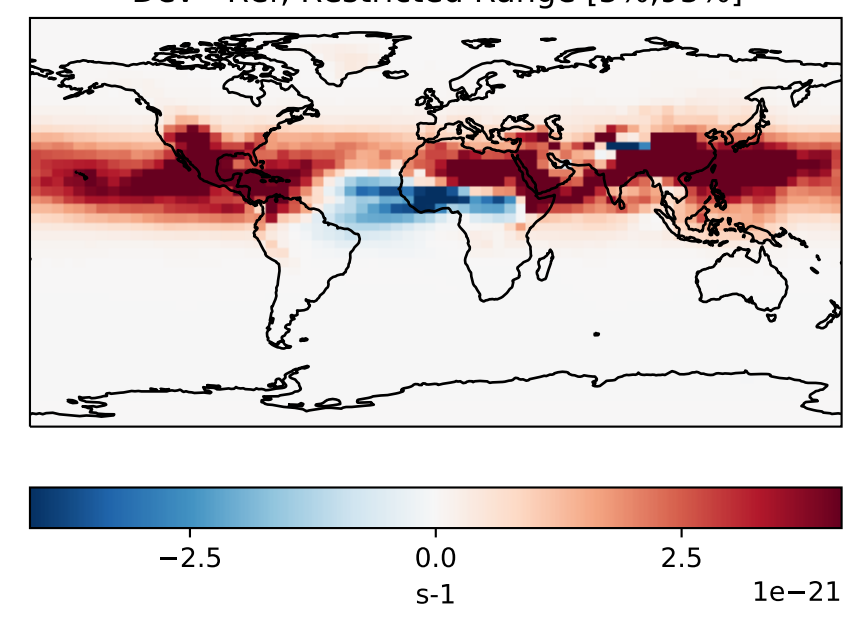
GCC_13.2.0-beta.0 (Dev)
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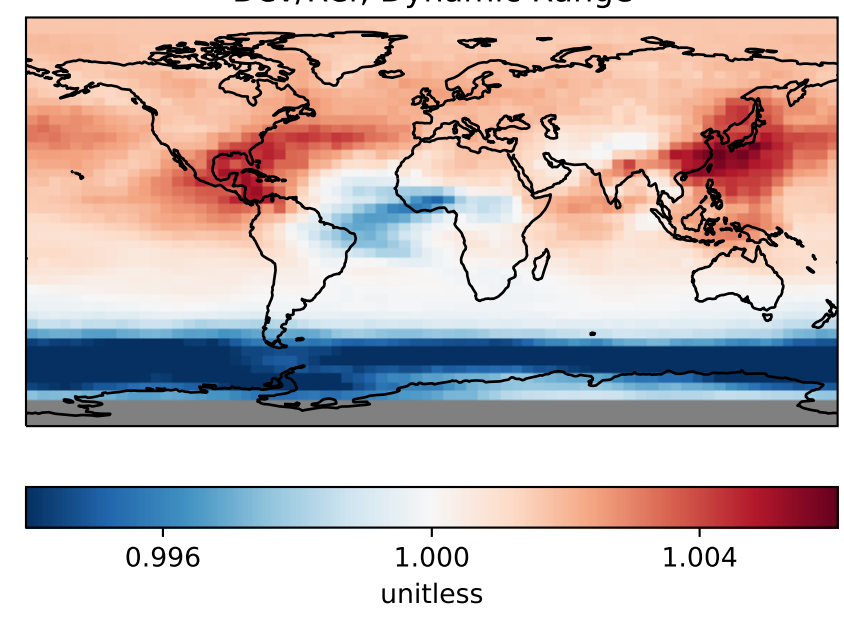
Difference
Dev - Ref, Dynamic Range



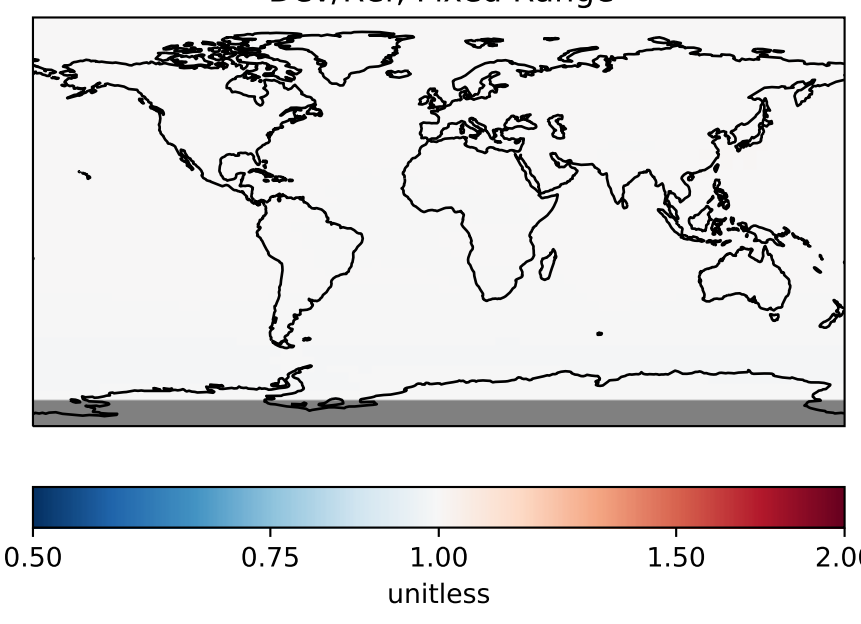
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

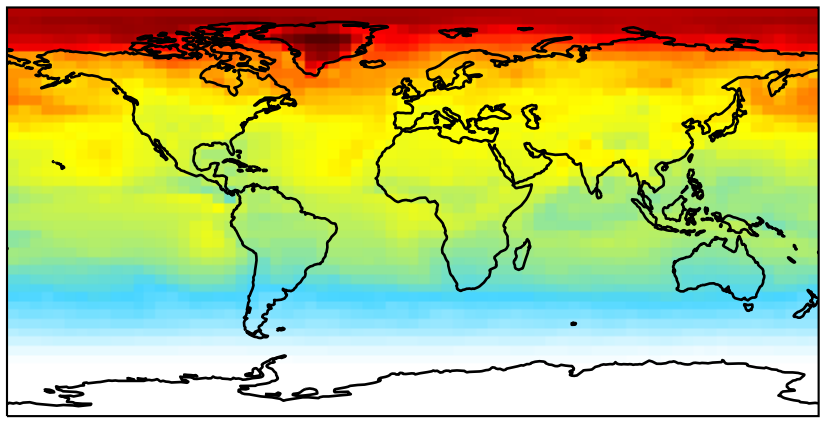


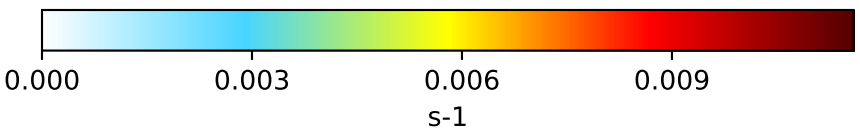
Ratio
Dev/Ref, Fixed Range



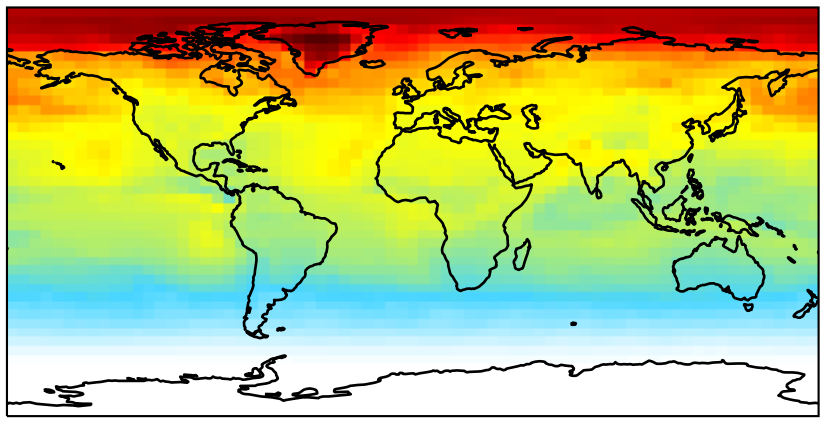
Jval_NO2

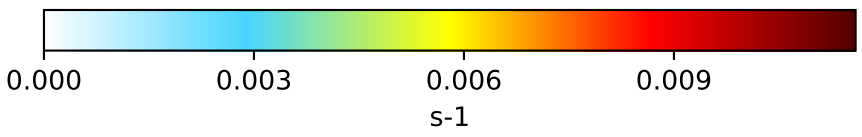
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



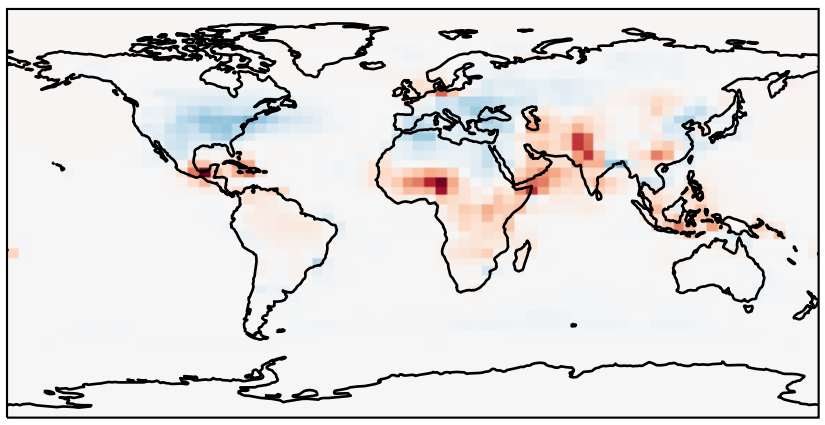


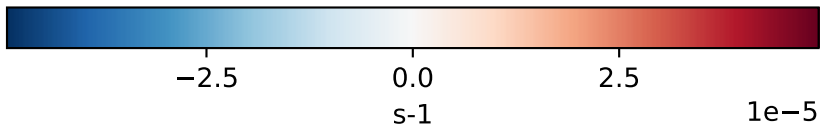
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



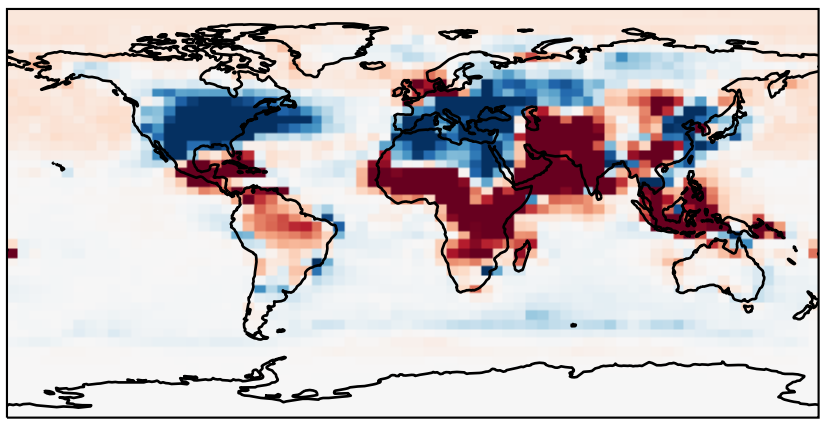


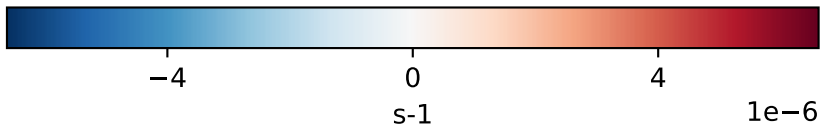
Difference
Dev - Ref, Dynamic Range



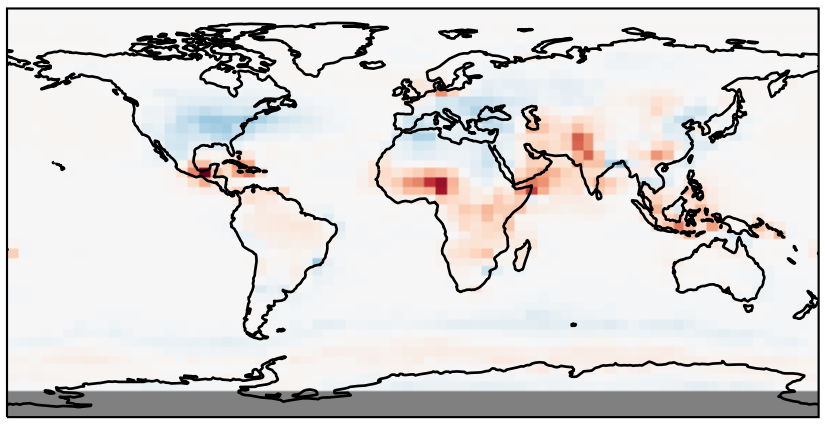


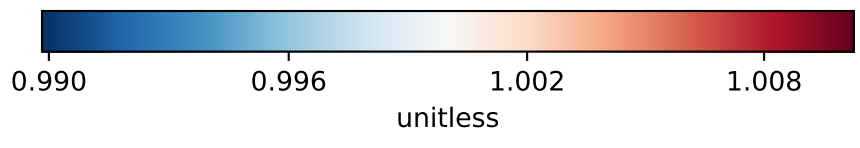
Difference
Dev - Ref, Restricted Range [5%,95%]



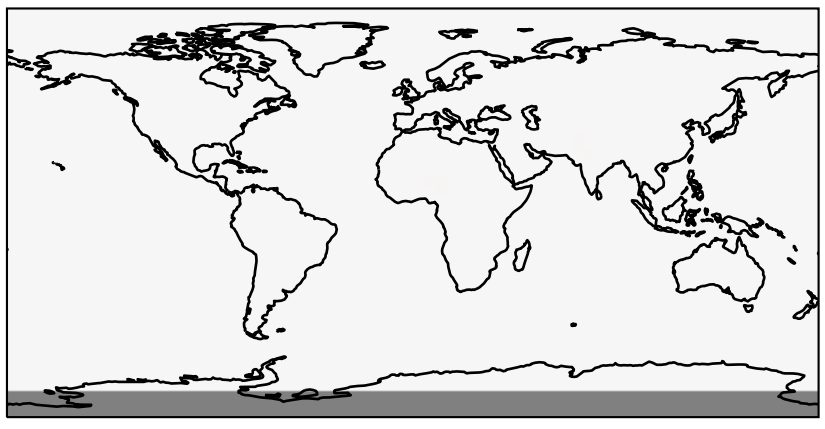


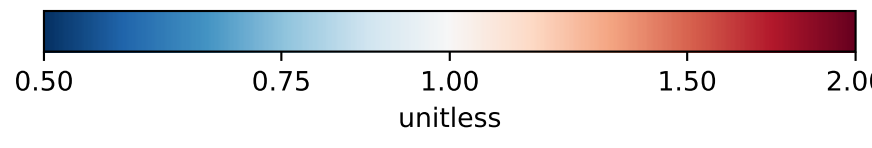
Ratio
Dev/Ref, Dynamic Range





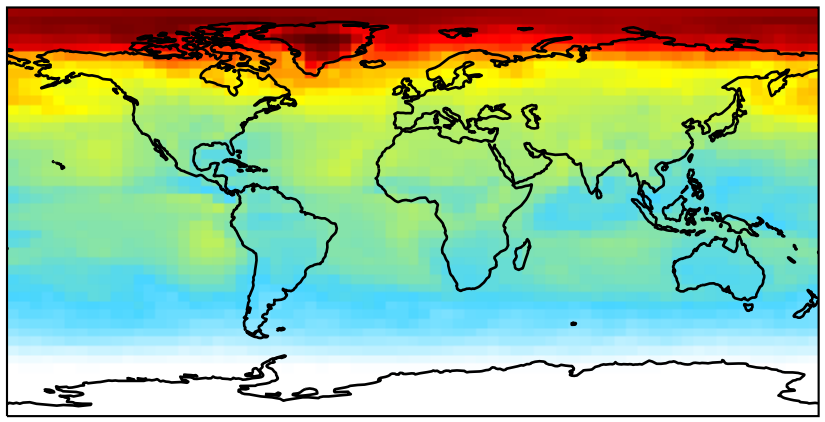
Ratio
Dev/Ref, Fixed Range

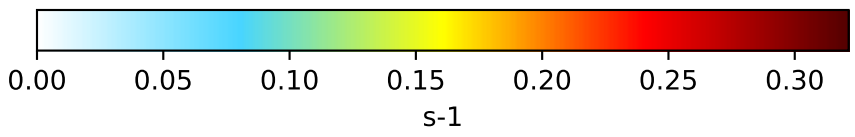




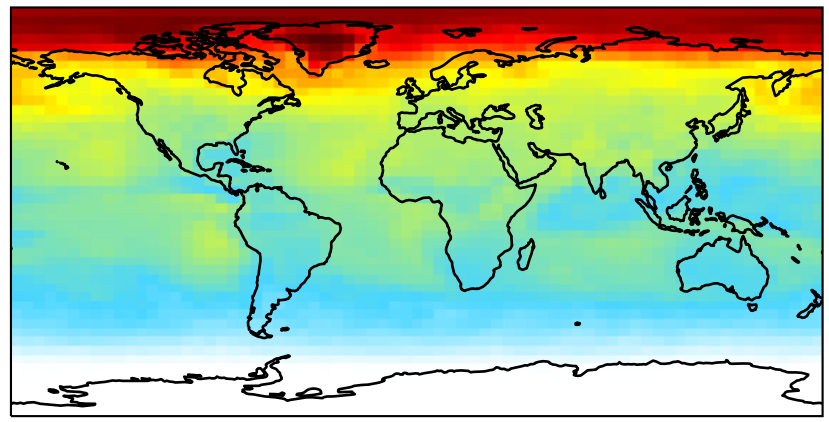
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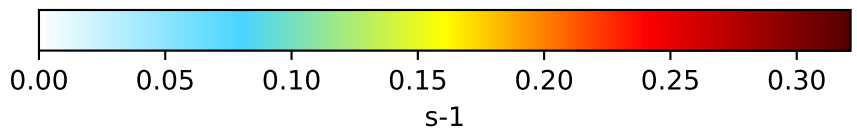
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



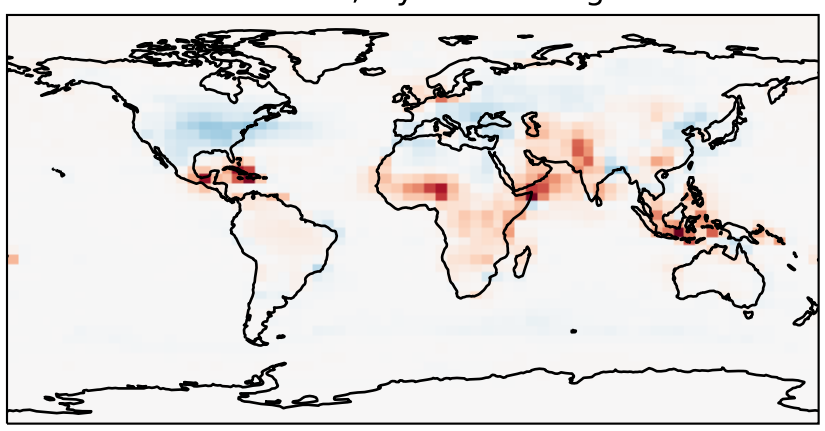


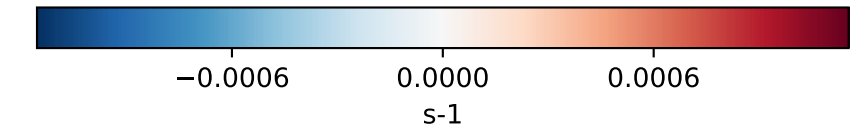
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



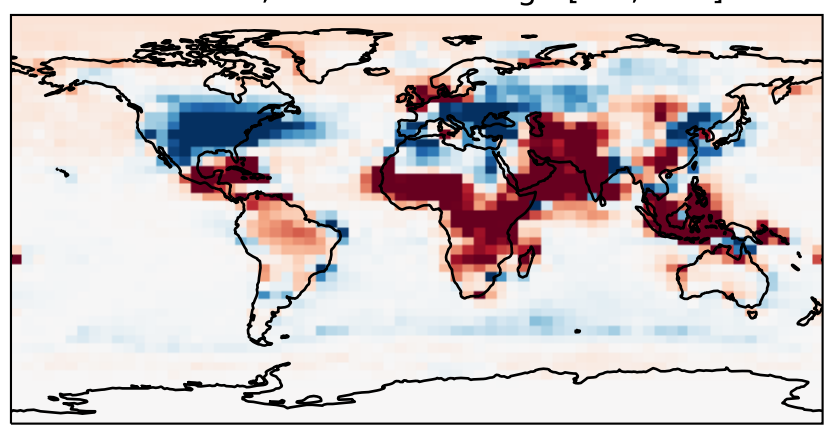


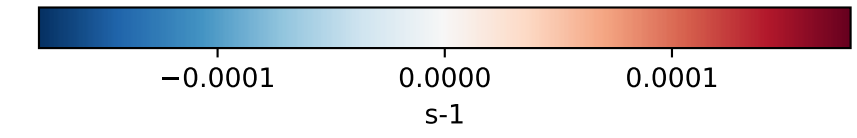
Difference
Dev - Ref, Dynamic Range



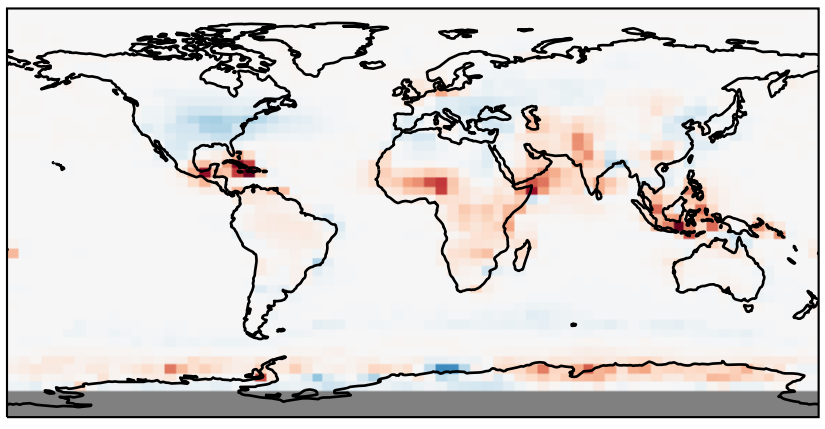


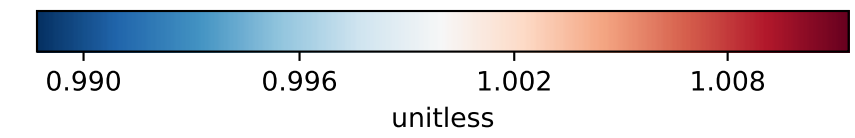
Difference
Dev - Ref, Restricted Range [5%,95%]



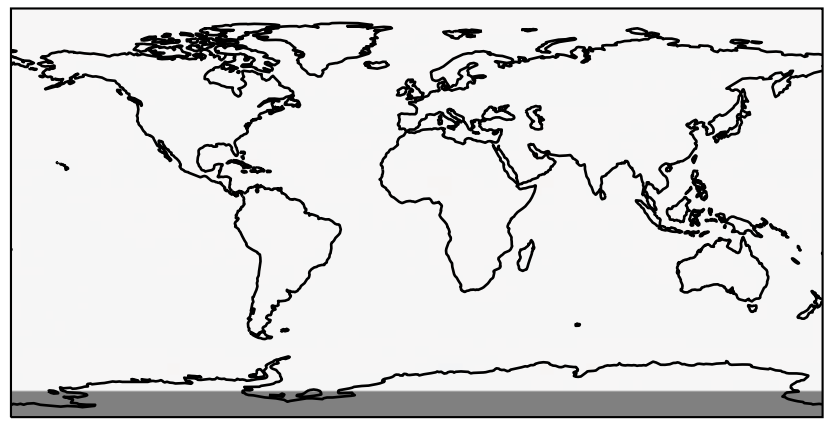


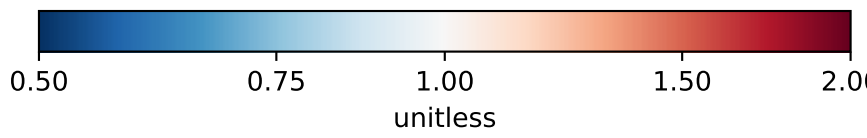
Ratio
Dev/Ref, Dynamic Range





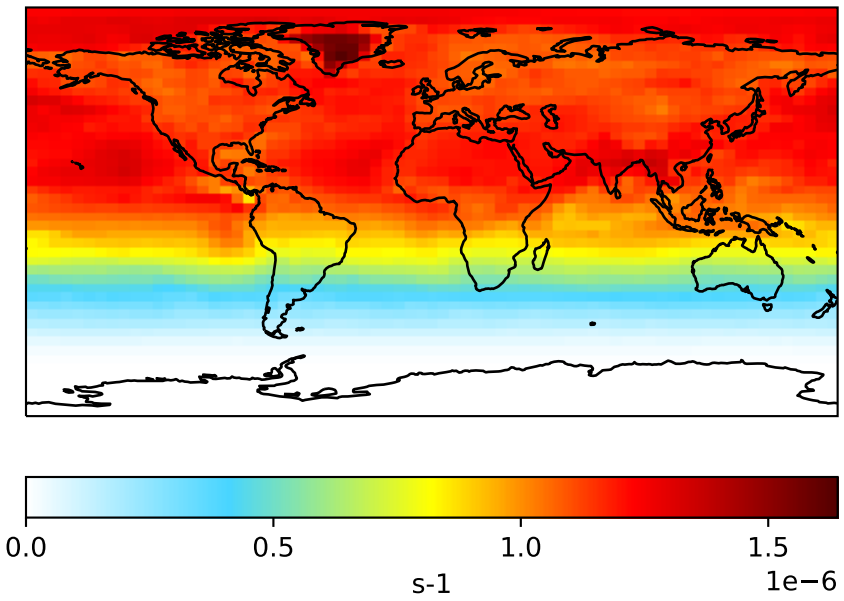
Ratio
Dev/Ref, Fixed Range



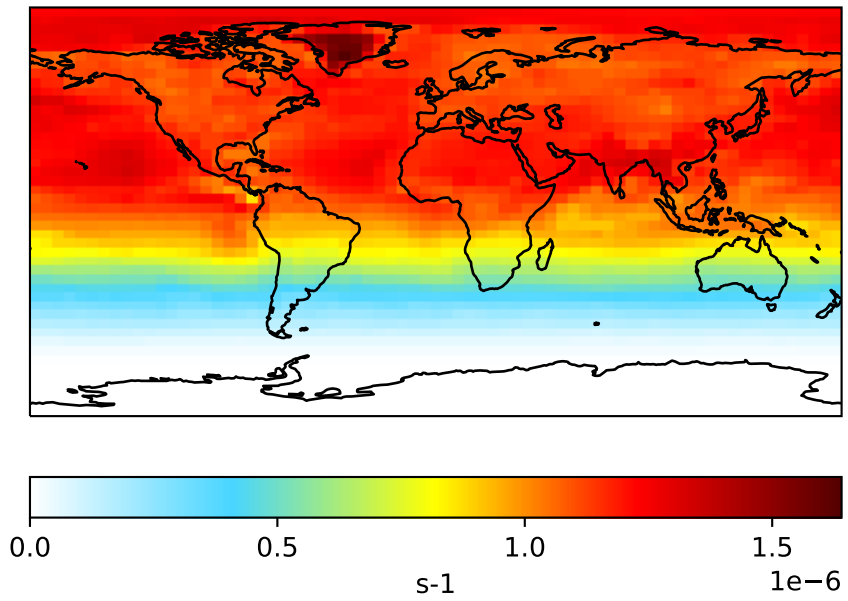


Jval_NPRNO3

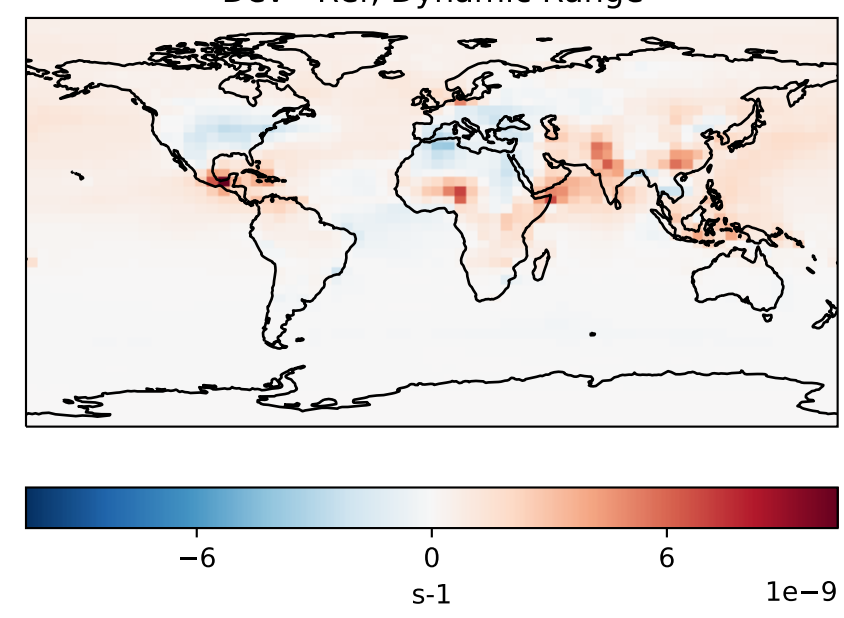
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



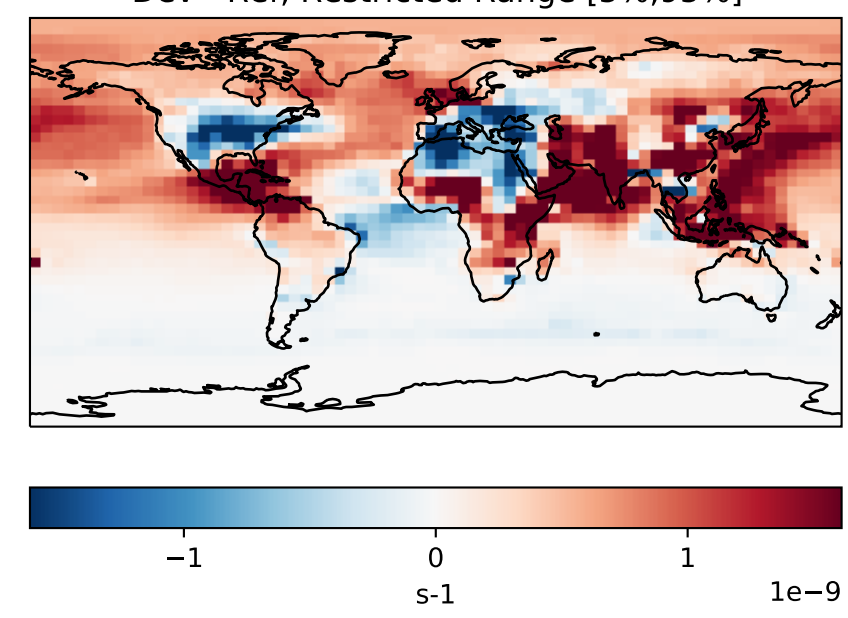
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



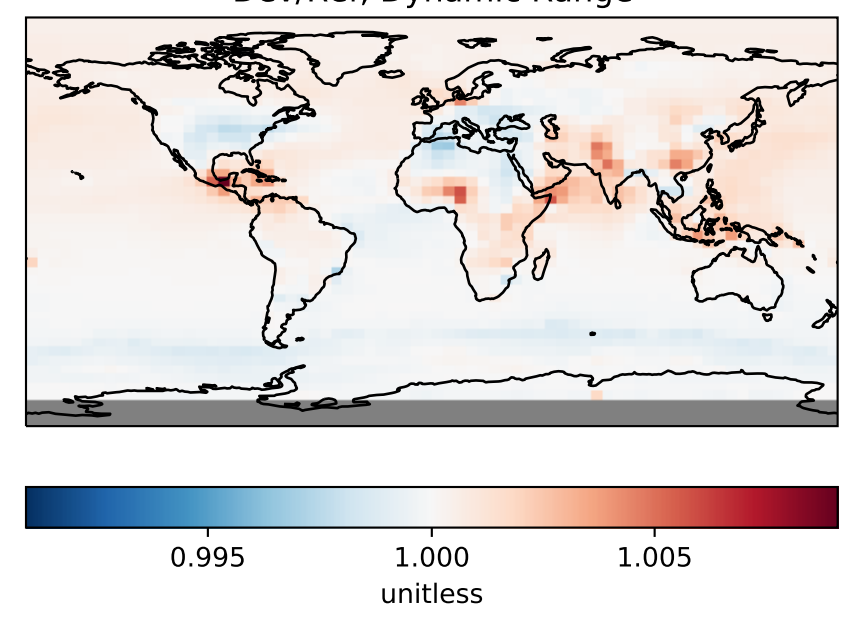
Difference
Dev - Ref, Dynamic Range



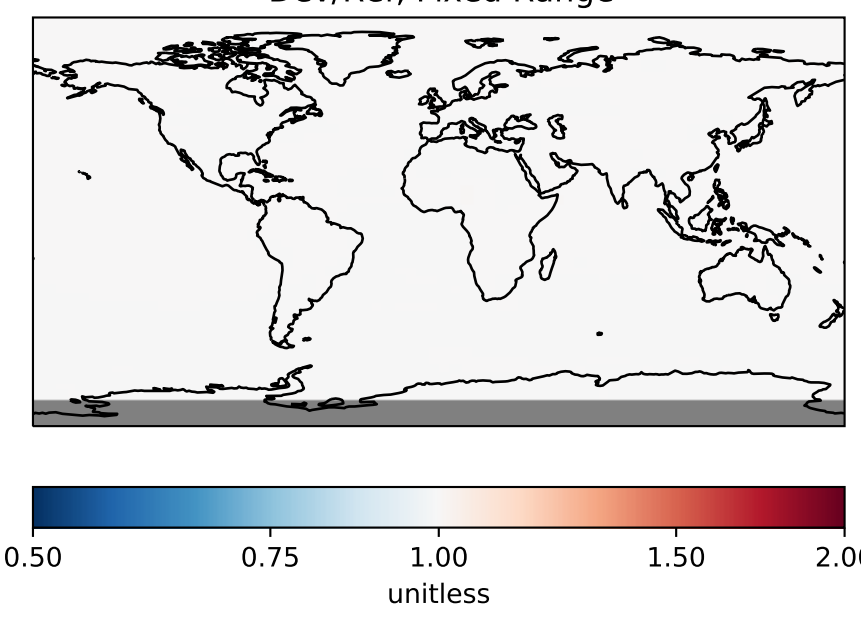
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

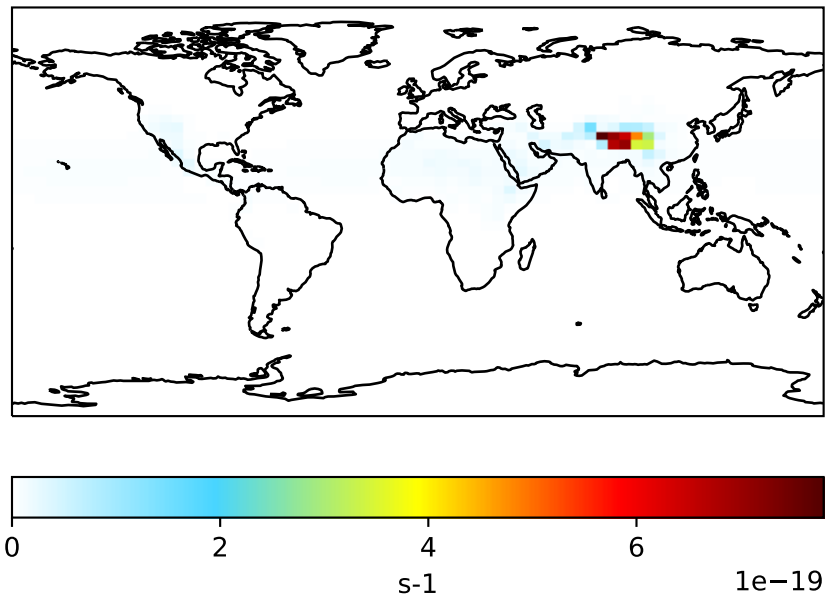


Ratio
Dev/Ref, Fixed Range

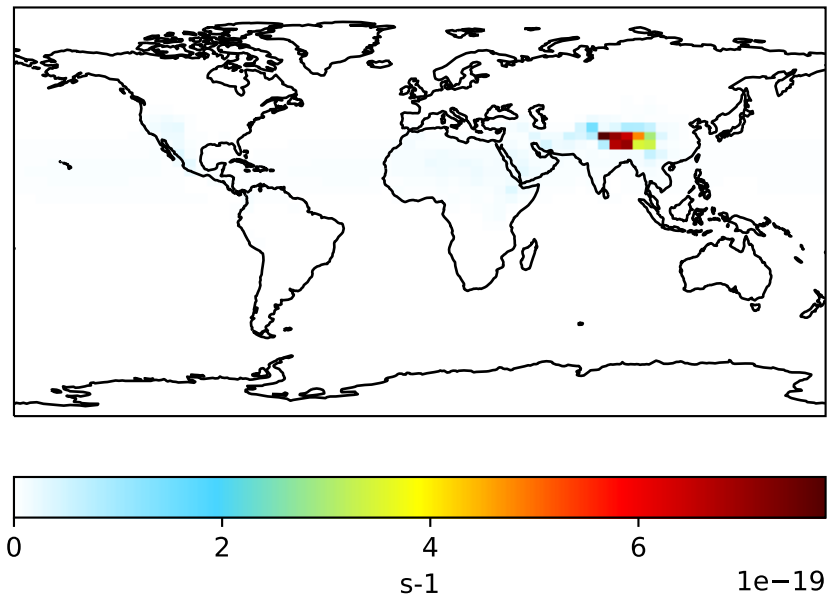


Jval_O2

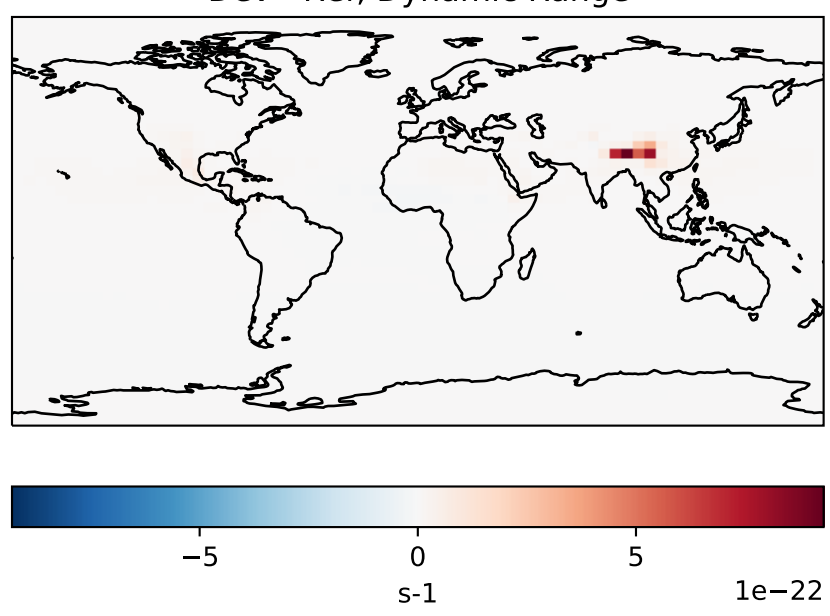
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



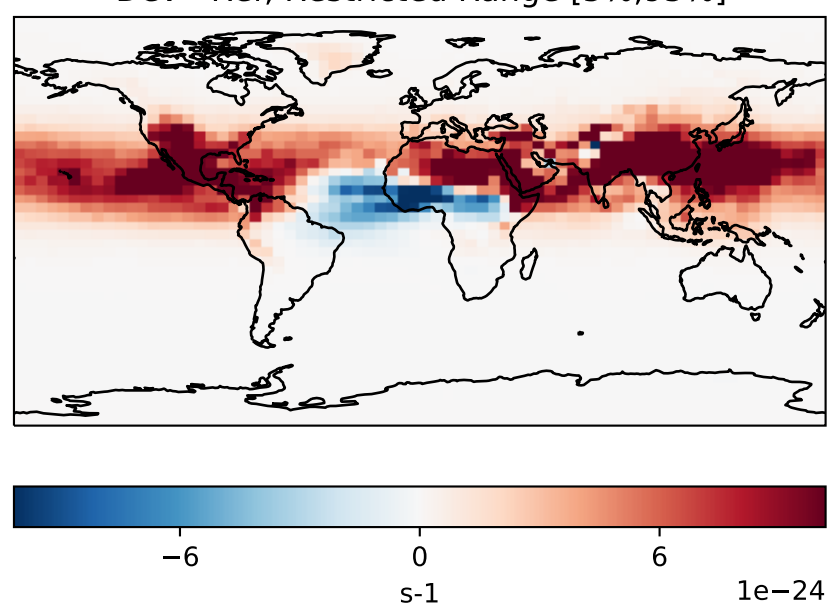
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



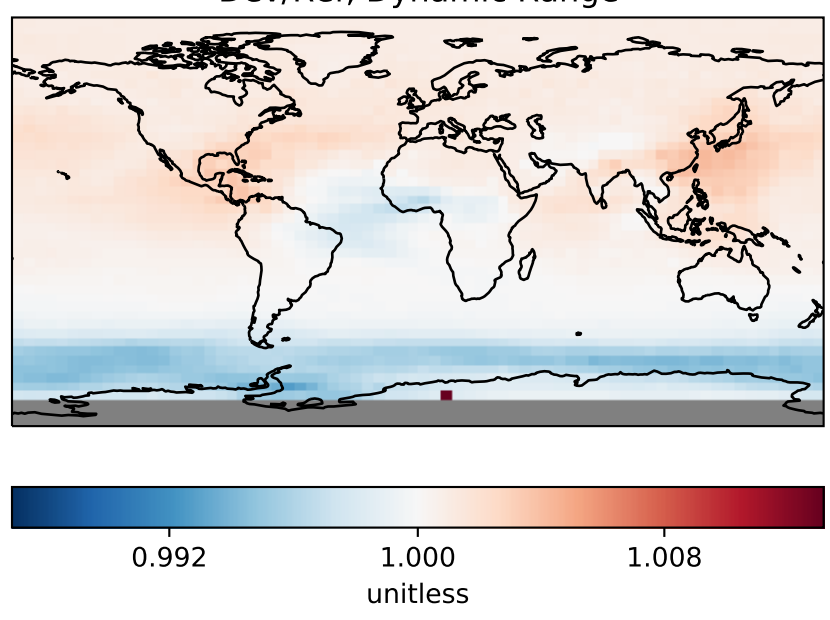
Difference
Dev - Ref, Dynamic Range



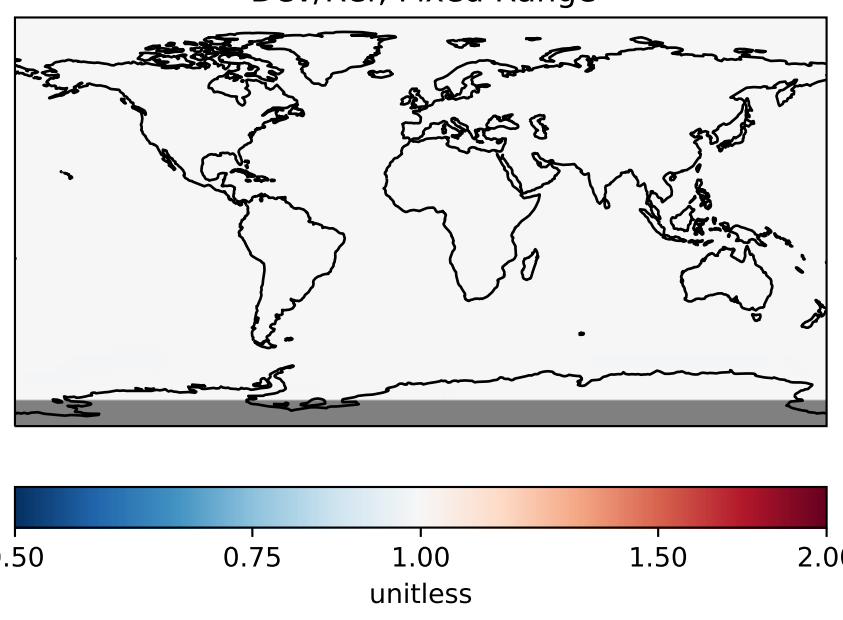
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

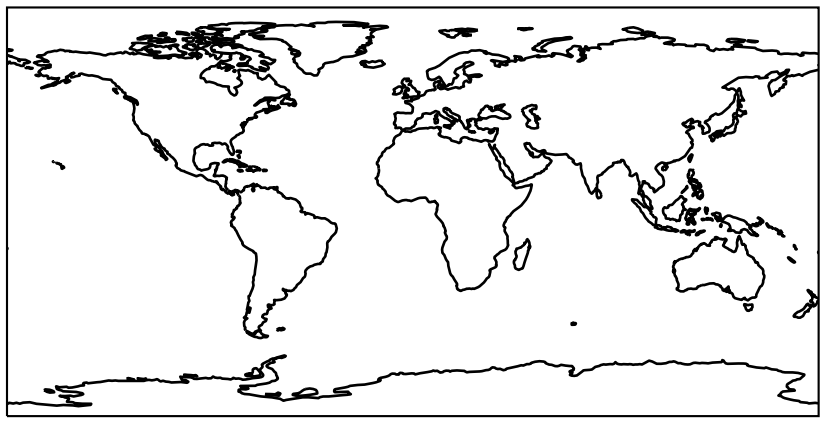


Ratio
Dev/Ref, Fixed Range



Jval_O3

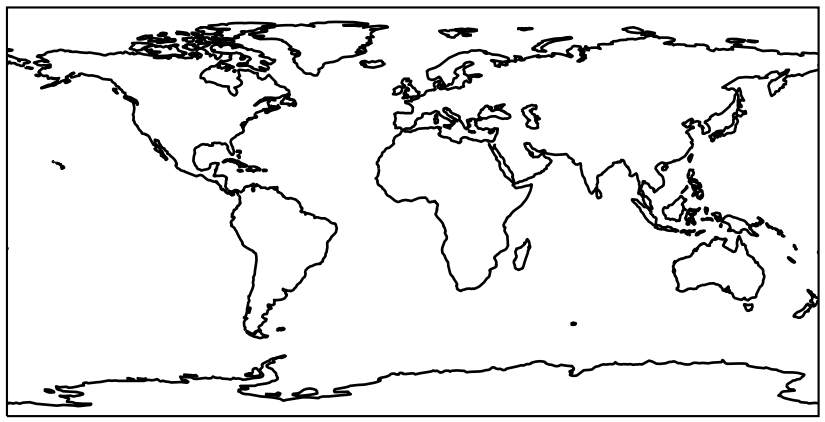
GCC_13.1.0-beta.1 (Ref)
4.0x5.0





Zero throughout domain
s-1

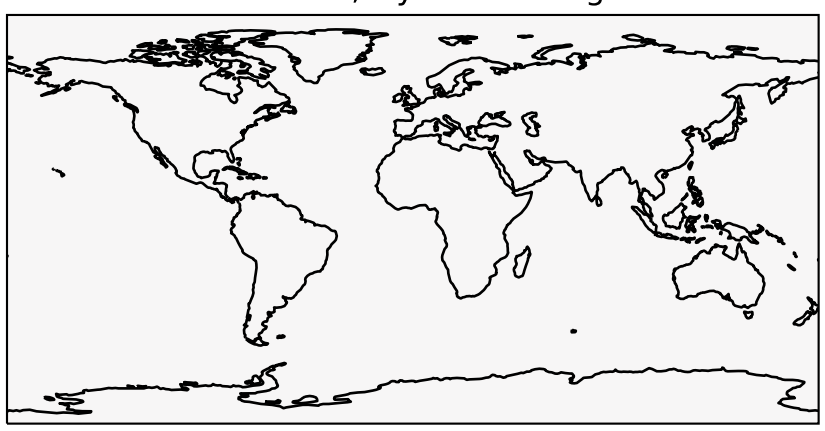
GCC_13.2.0-beta.0 (Dev)
4.0x5.0





Zero throughout domain
s-1

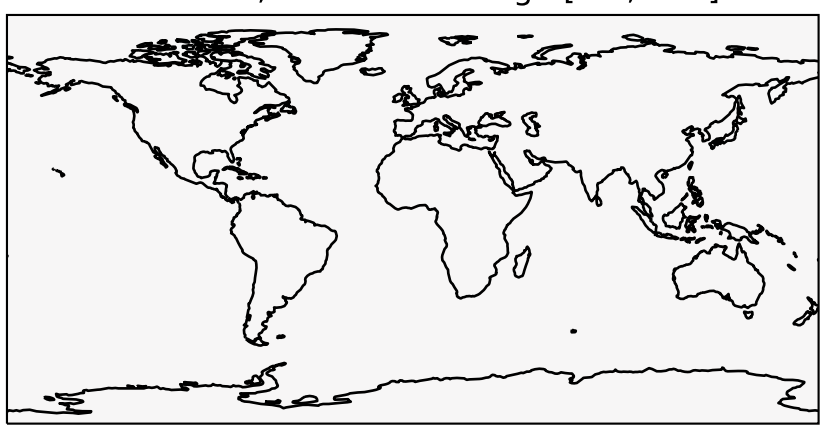
Difference
Dev - Ref, Dynamic Range





Zero throughout domain
s-1

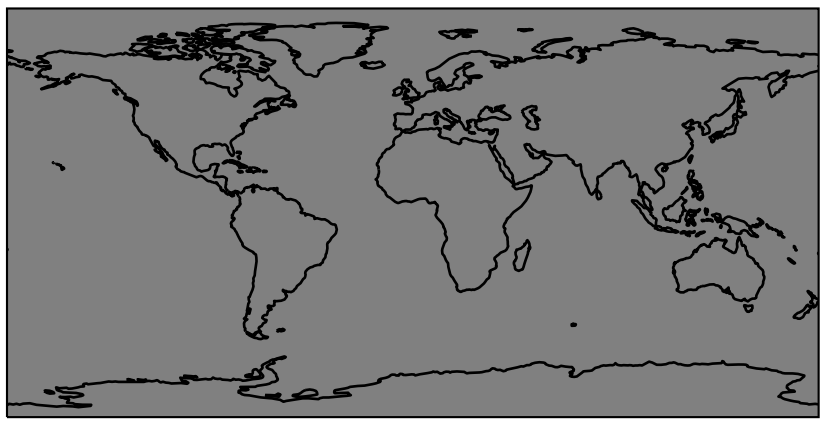
Difference
Dev - Ref, Restricted Range [5%,95%]





Zero throughout domain
s-1

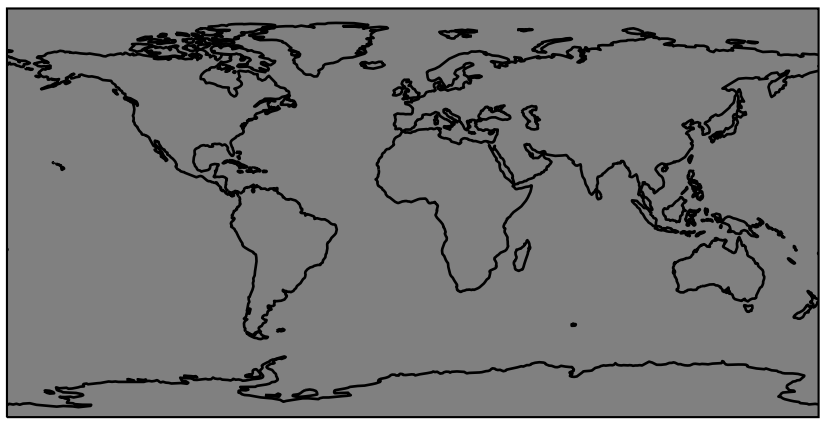
Ratio
Dev/Ref, Dynamic Range





Undefined throughout domain
unitless

Ratio
Dev/Ref, Fixed Range

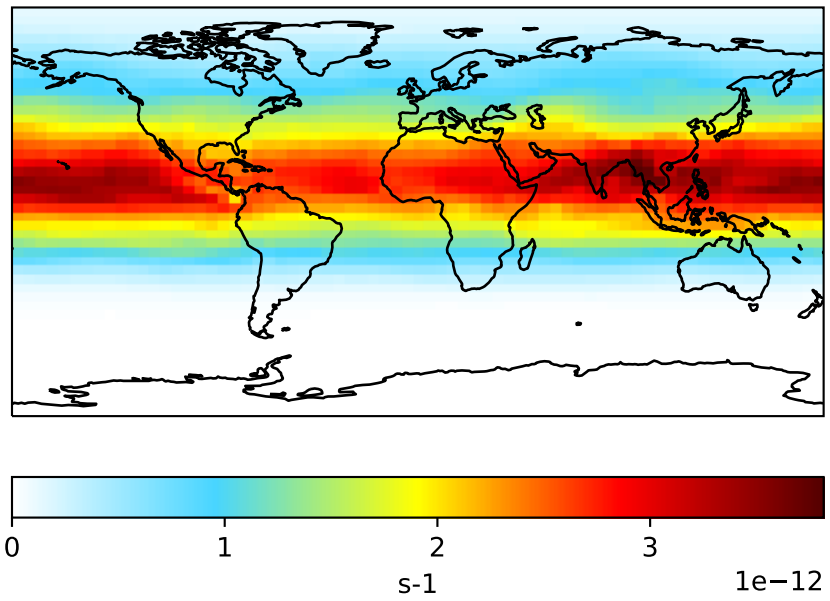




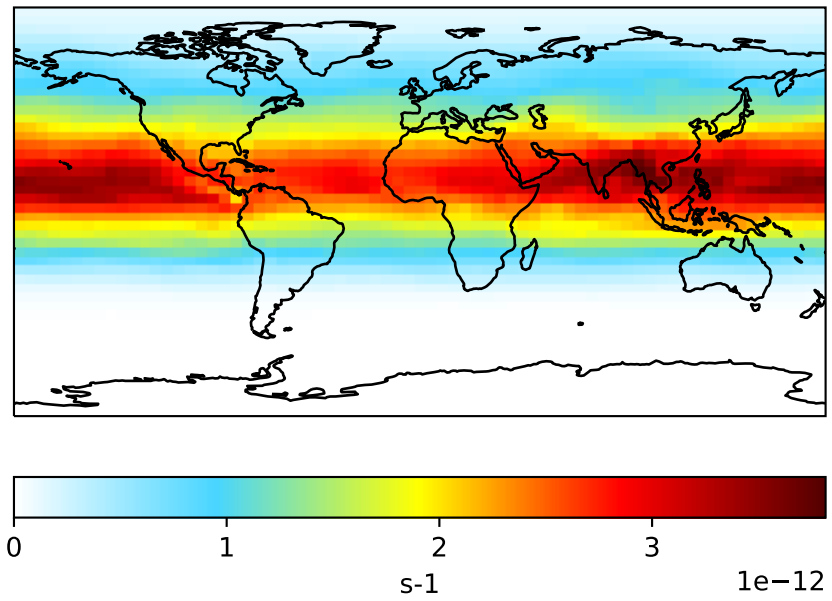
Undefined throughout domain
unitless

Jval_OCS

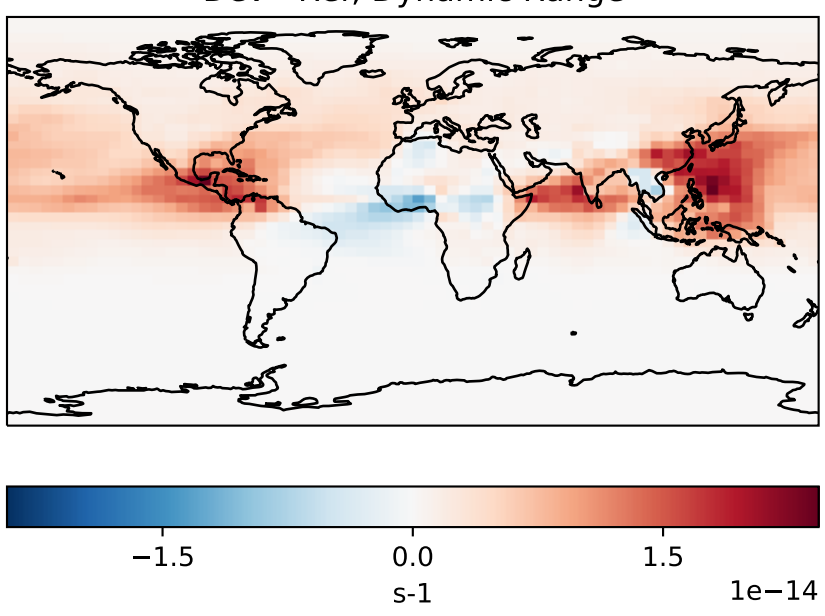
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



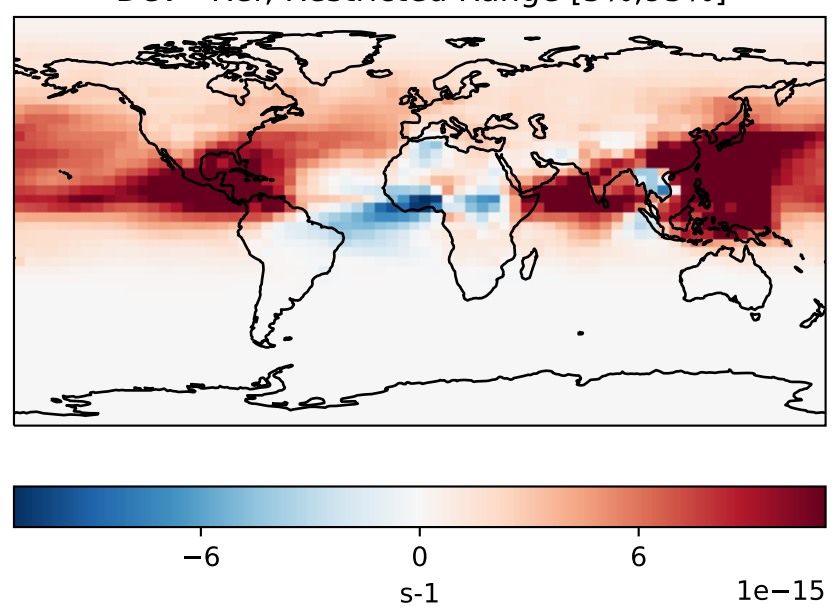
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



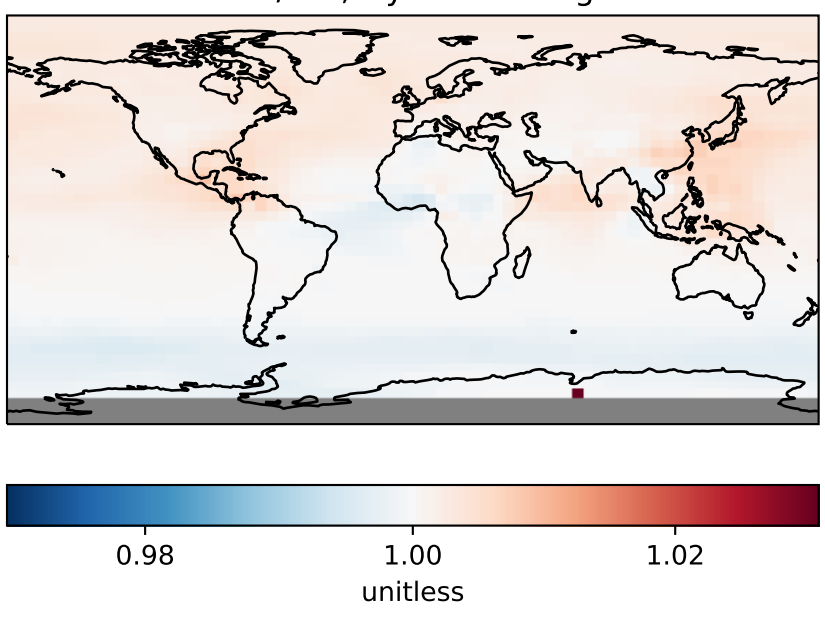
Difference
Dev - Ref, Dynamic Range



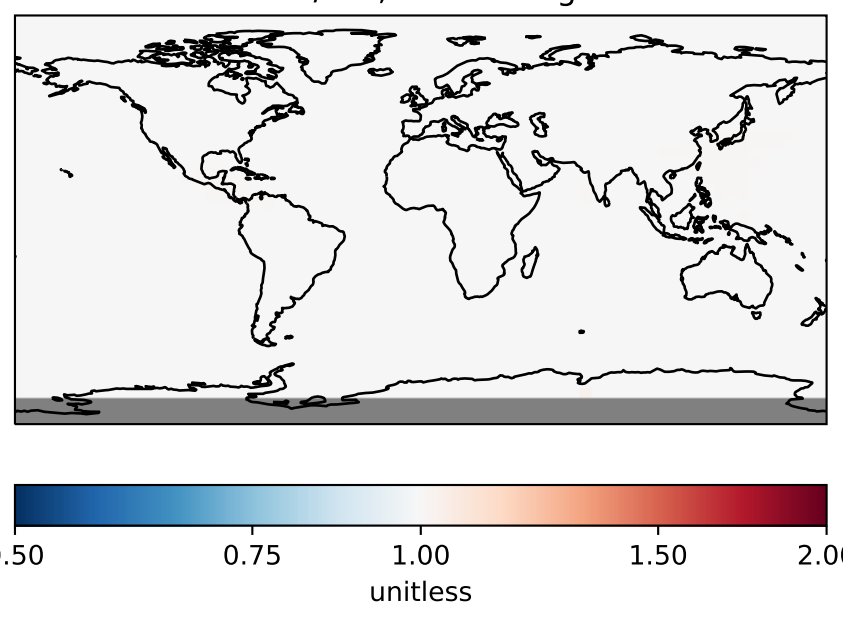
Difference
Dev - Ref, Restricted Range [5%,95%]



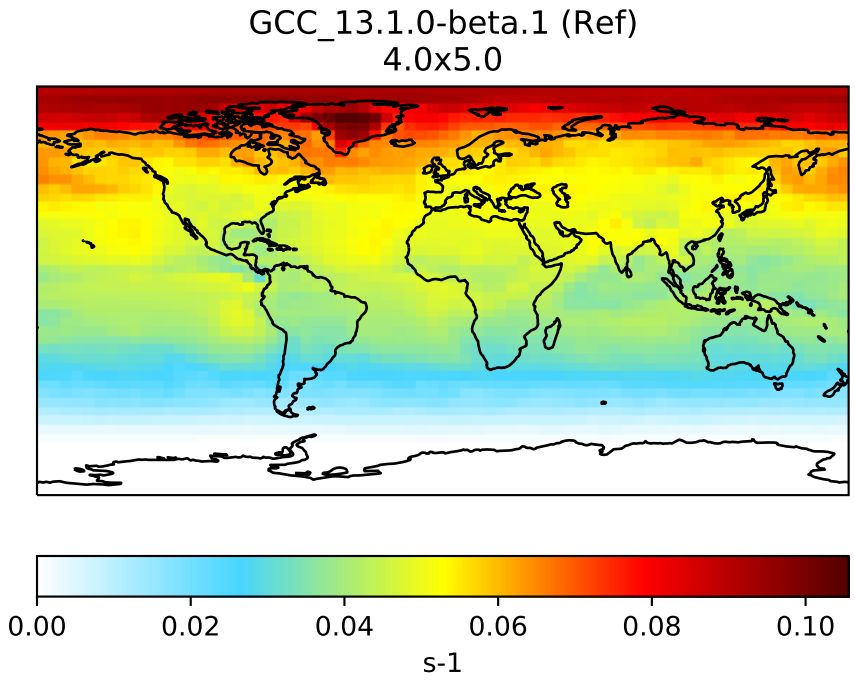
Ratio
Dev/Ref, Dynamic Range

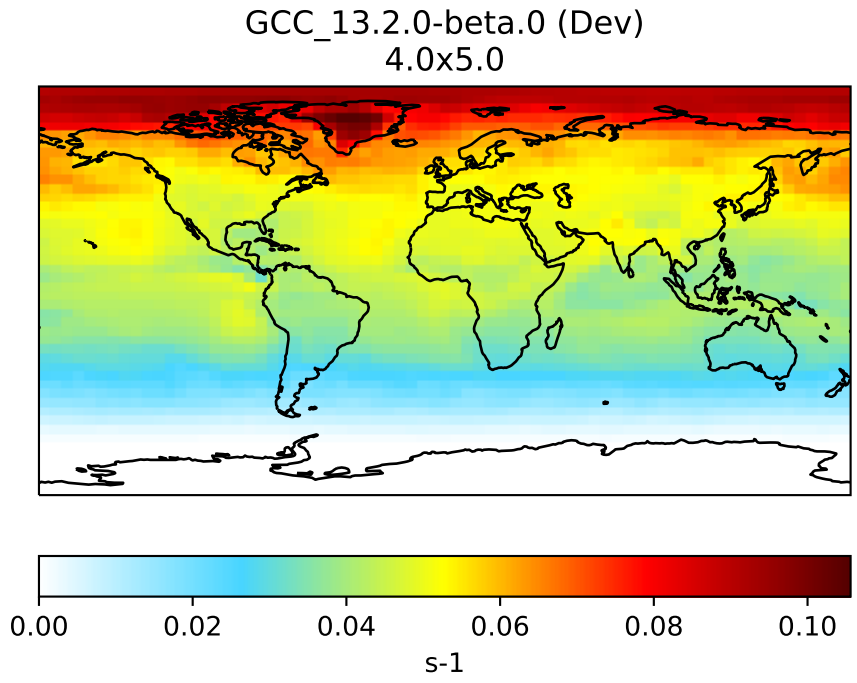


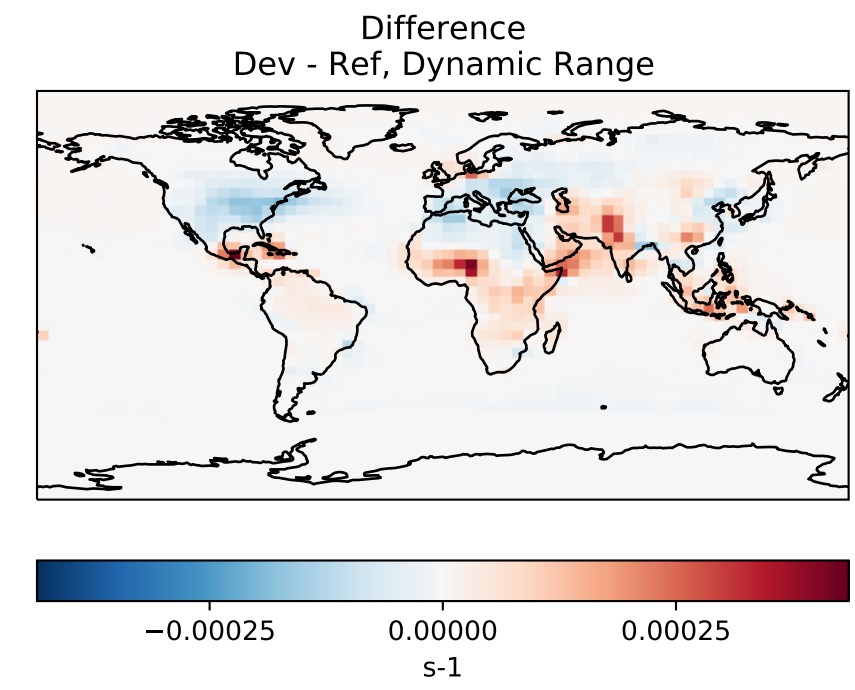
Ratio
Dev/Ref, Fixed Range

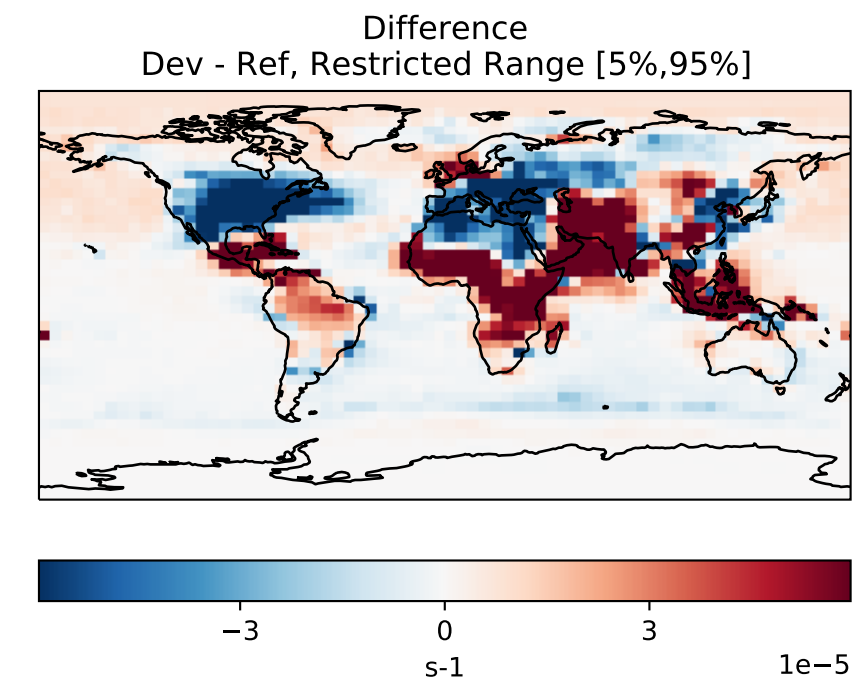


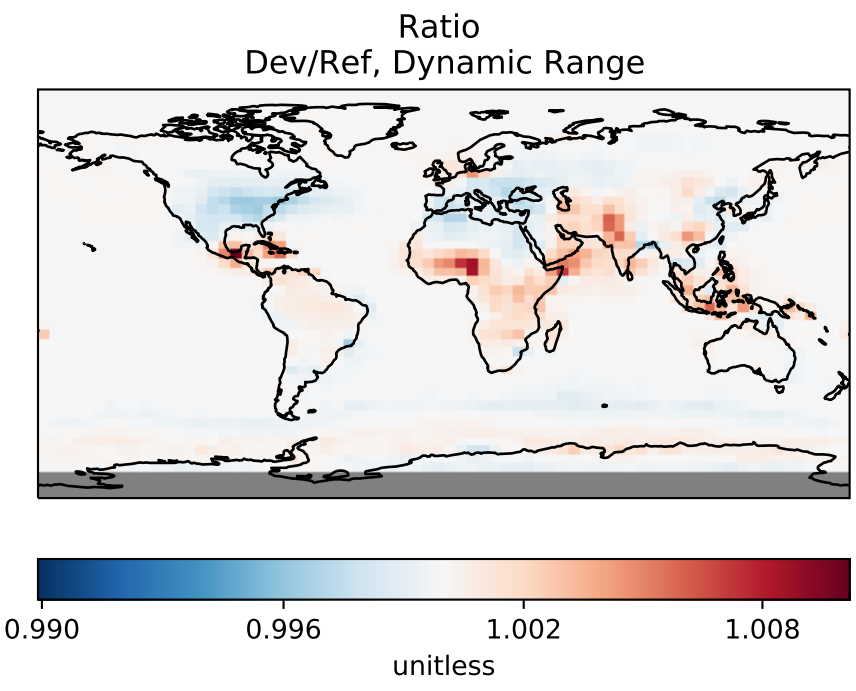
Jval_OClO

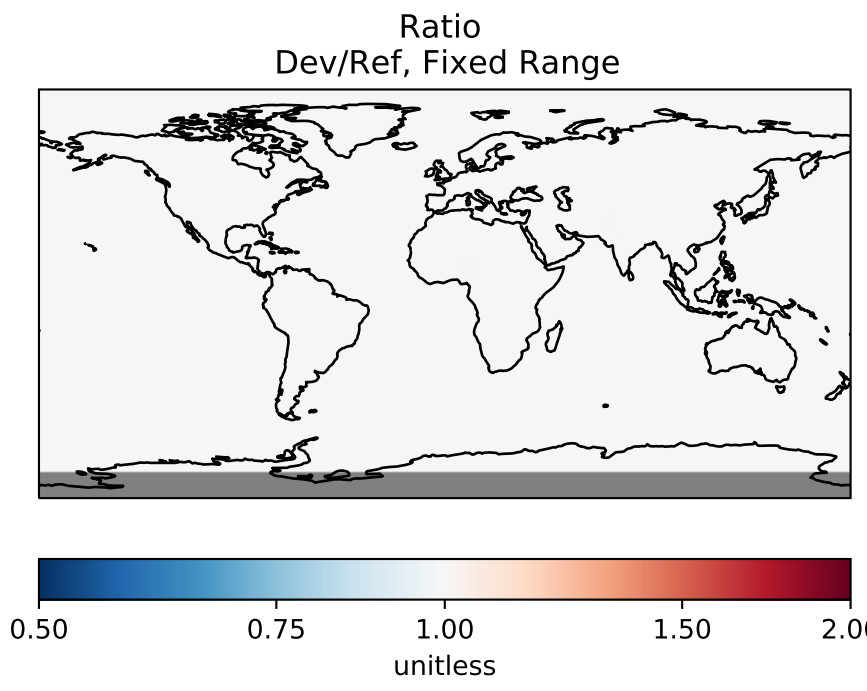

GCC_13.1.0-beta.1 (Ref)
4.0x5.0
0.00
0.02
0.04
0.06
0.08
0.10
s-1


GCC_13.2.0-beta.0 (Dev)
4.0x5.0
0.00
0.02
0.04
0.06
0.08
0.10
s-1


Difference
Dev - Ref, Dynamic Range
−0.00025
0.00000
0.00025
s-1

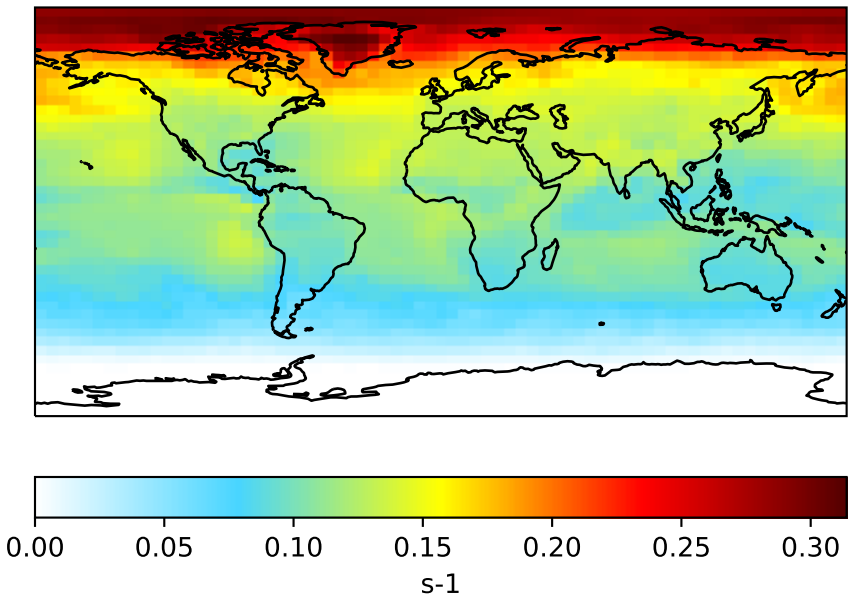

Difference
Dev - Ref, Restricted Range [5%,95%]
−3
0
3
s-1
1e−5


Ratio
Dev/Ref, Dynamic Range
0.990
0.996
1.002
1.008
unitless

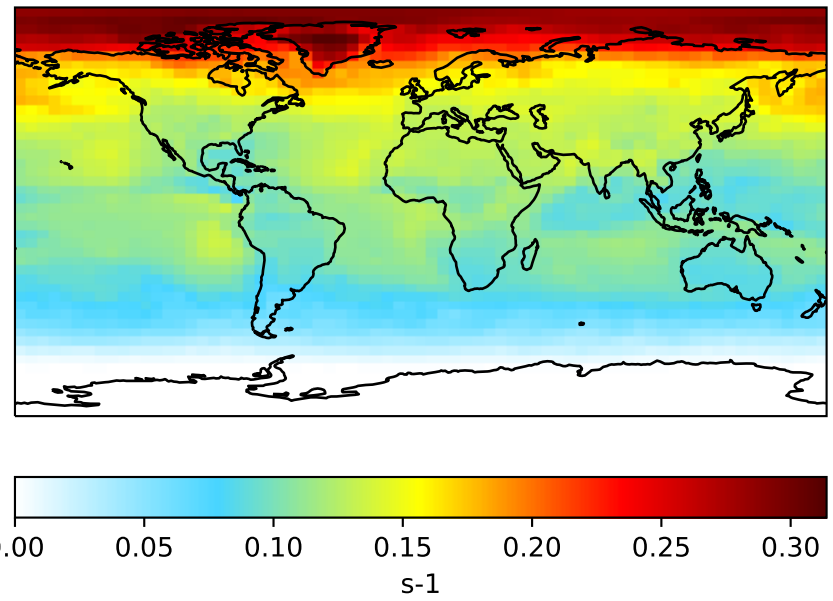

Ratio
Dev/Ref, Fixed Range
0.50
0.75
1.00
1.50
2.00
unitless

Jval_OIO

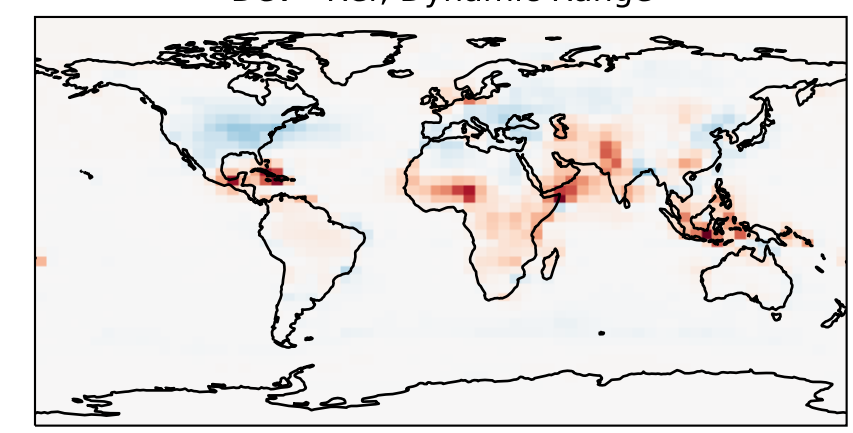
GCC_13.1.0-beta.1 (Ref)
4.0x5.0

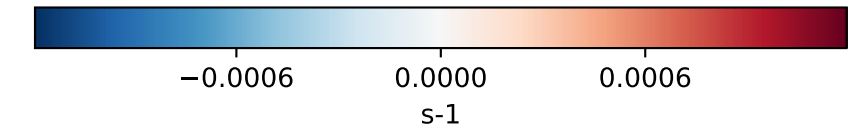


GCC_13.2.0-beta.0 (Dev)
4.0x5.0

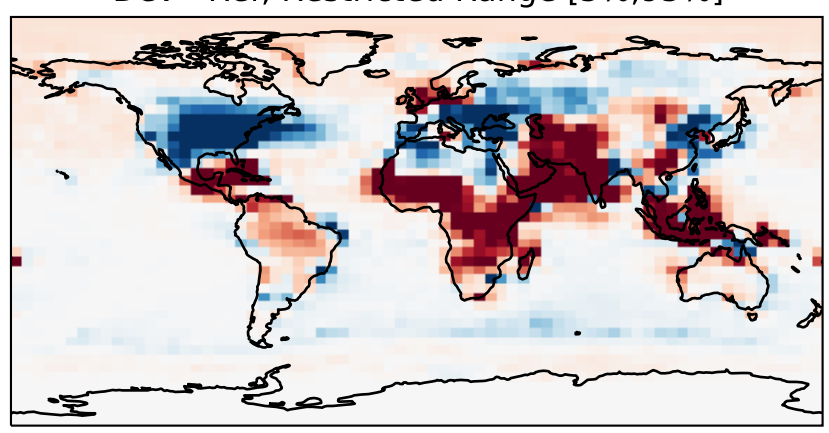


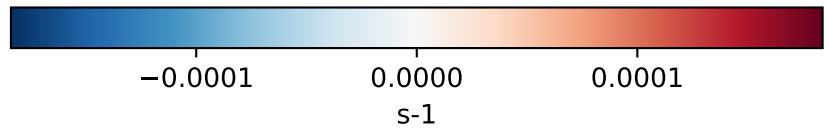
Difference
Dev - Ref, Dynamic Range



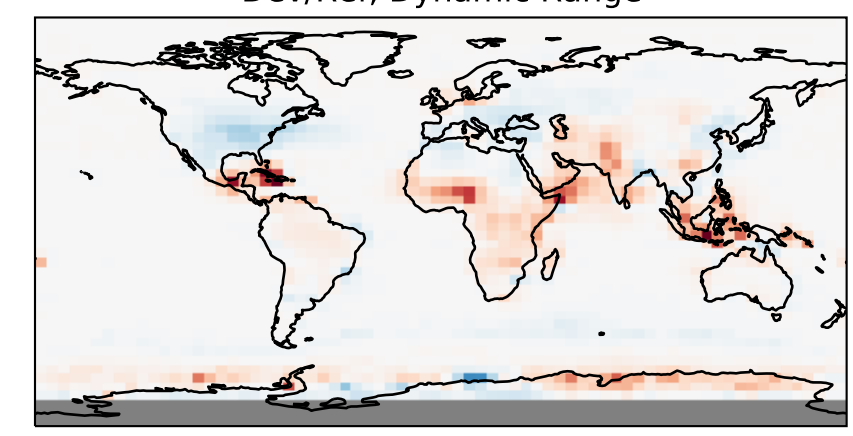


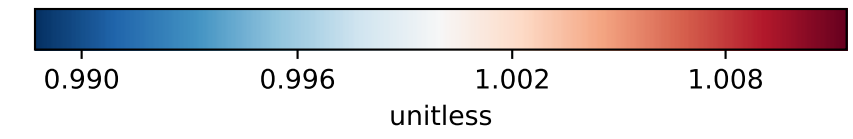
Difference
Dev - Ref, Restricted Range [5%,95%]



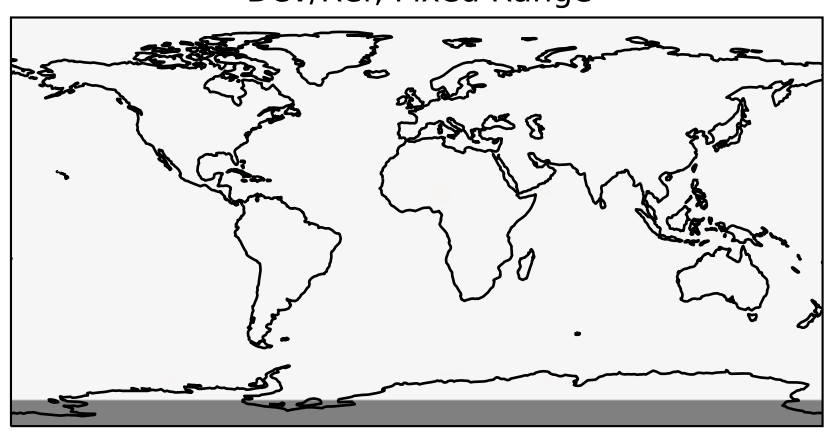


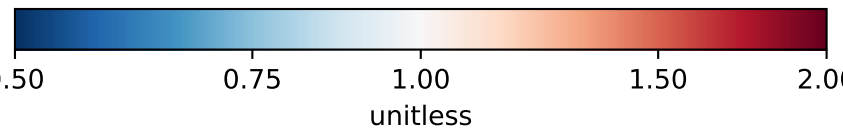
Ratio
Dev/Ref, Dynamic Range





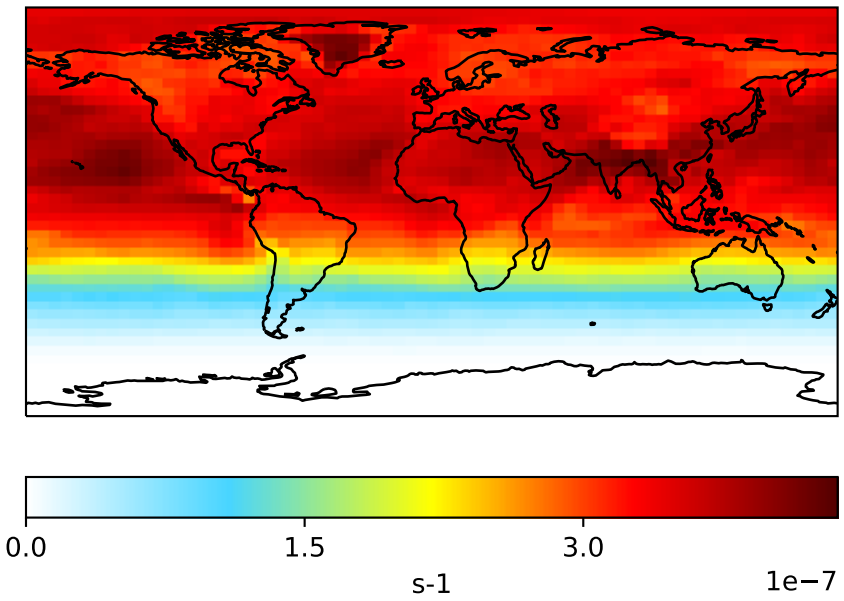
Ratio
Dev/Ref, Fixed Range



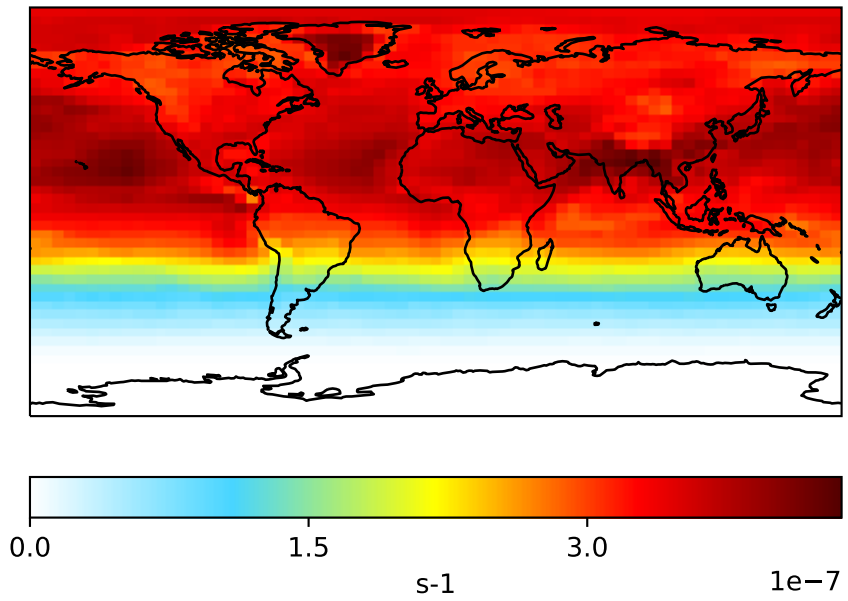


Jval_PAN

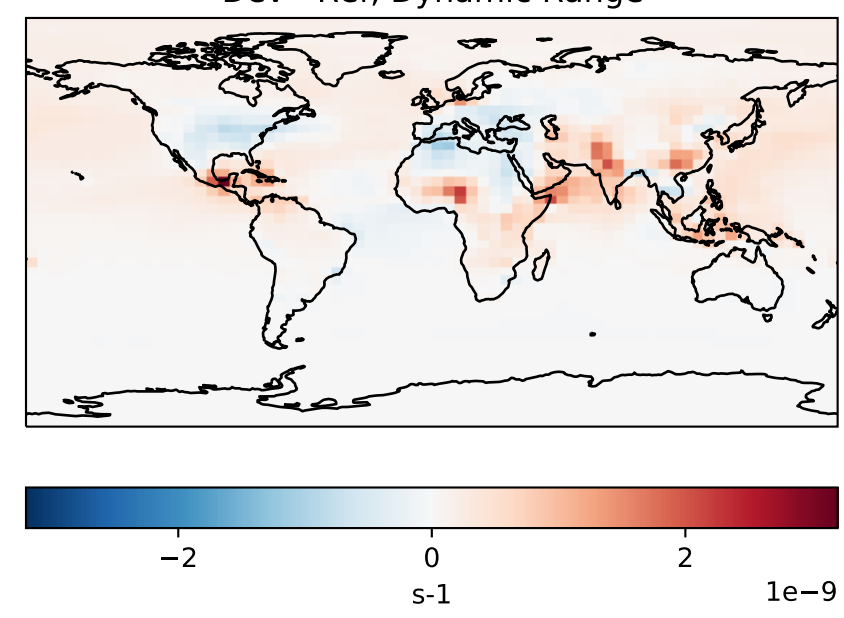
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



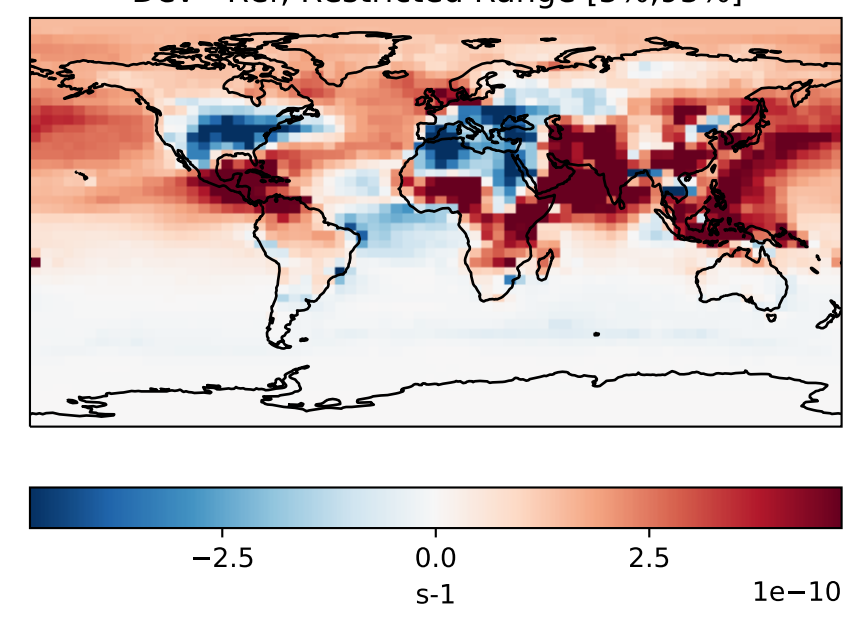
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



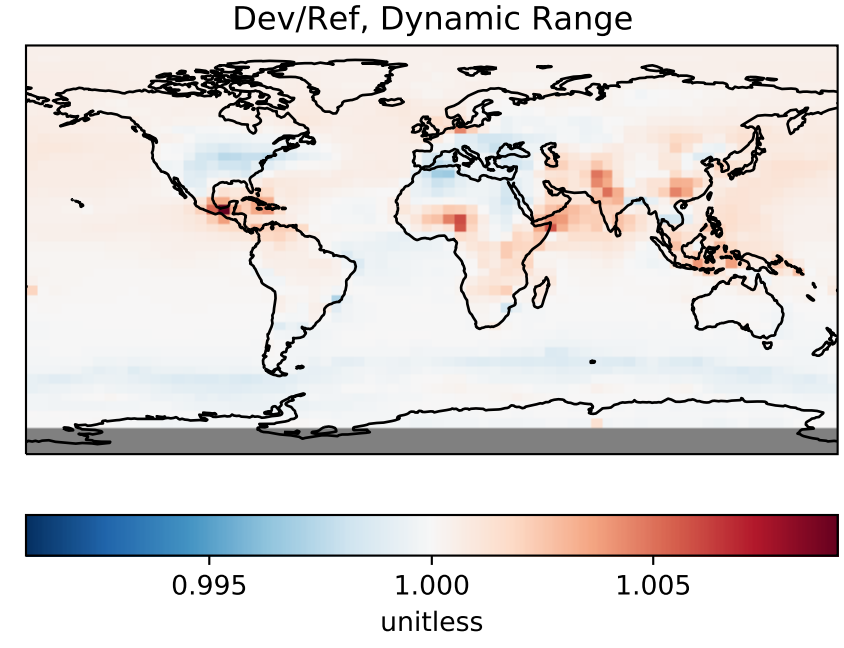
Difference
Dev - Ref, Dynamic Range



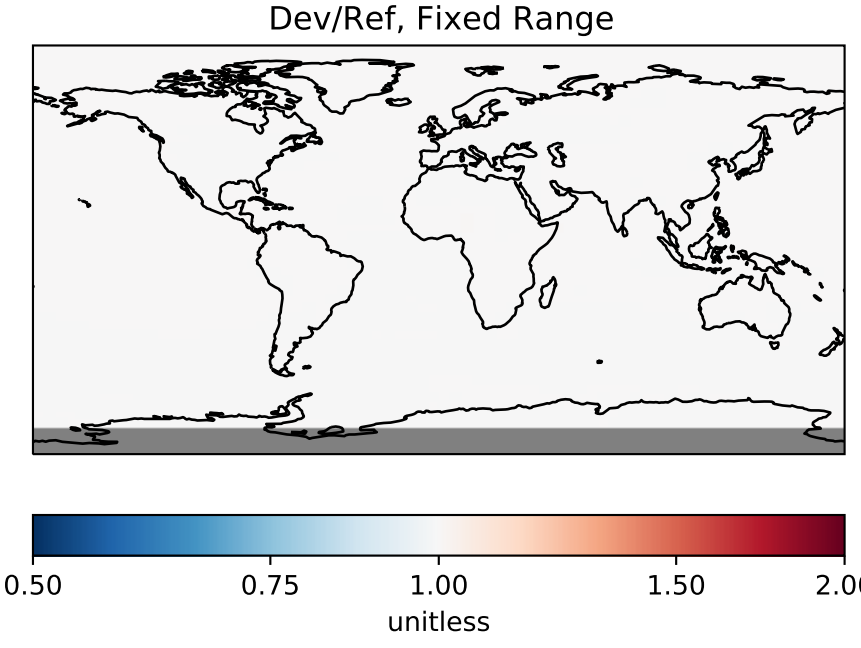
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

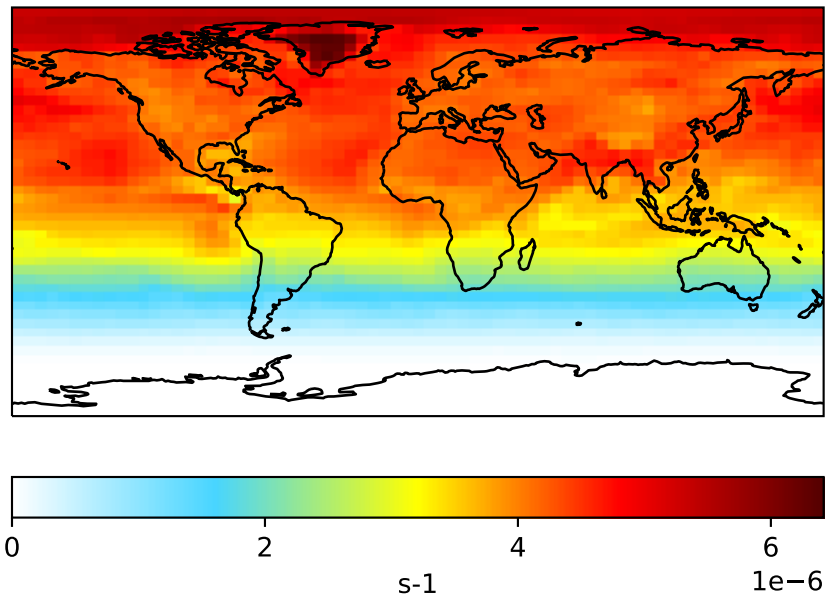


Ratio
Dev/Ref, Fixed Range

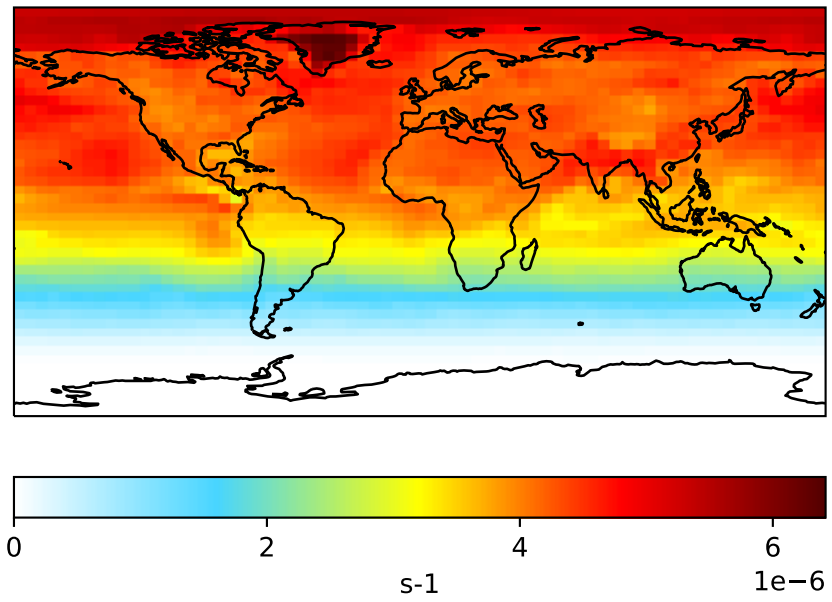


Jval_PIP

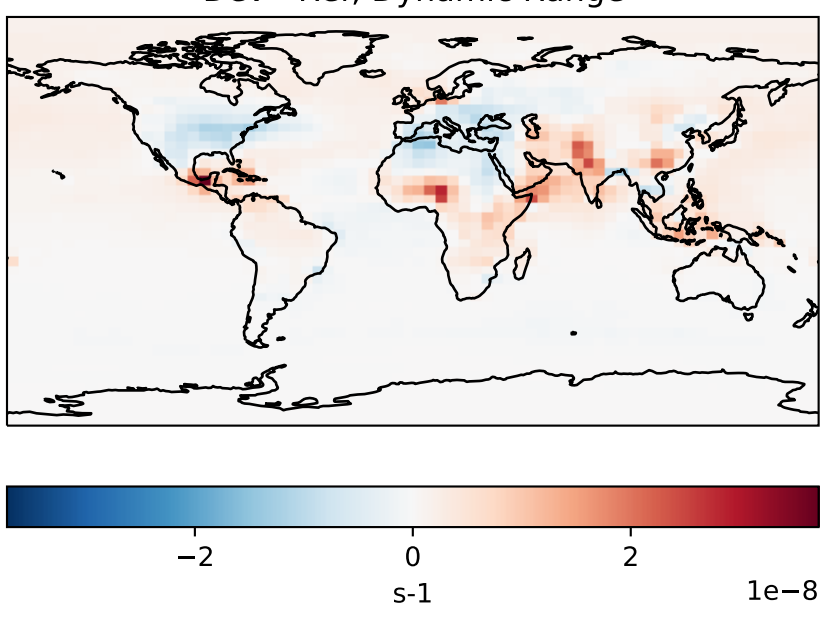
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



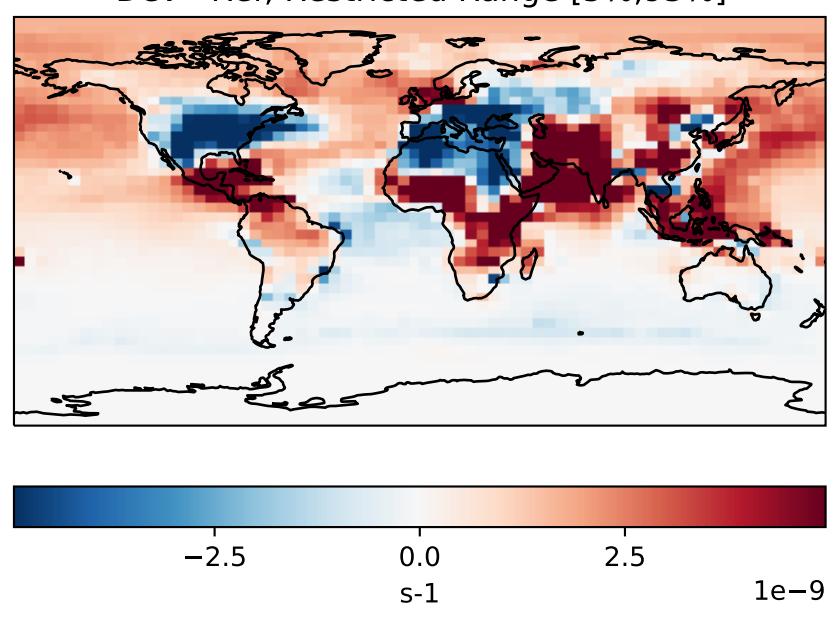
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



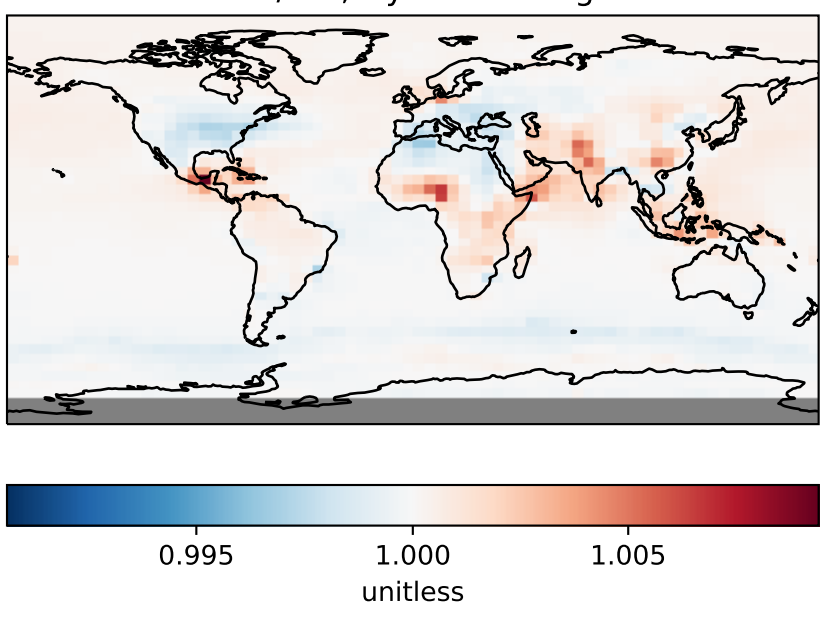
Difference
Dev - Ref, Dynamic Range



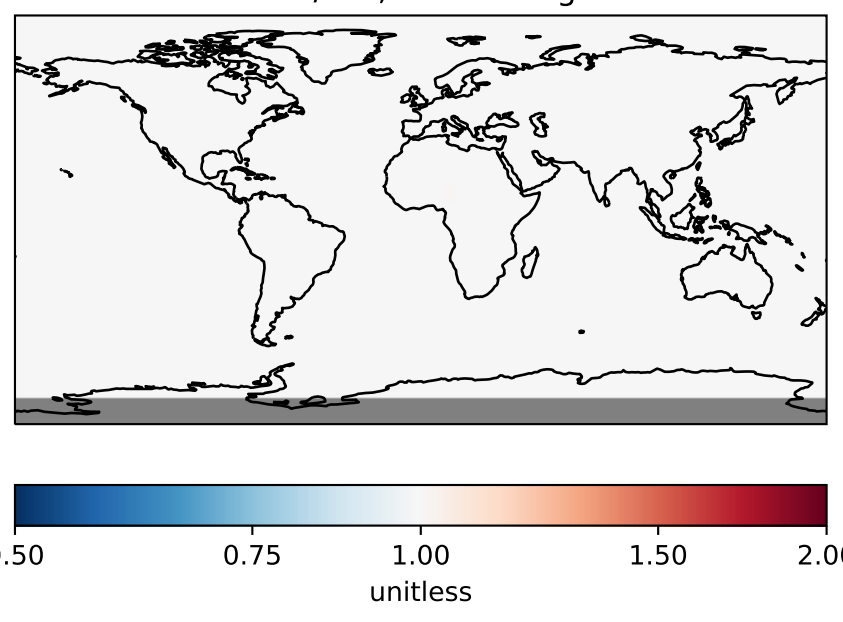
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

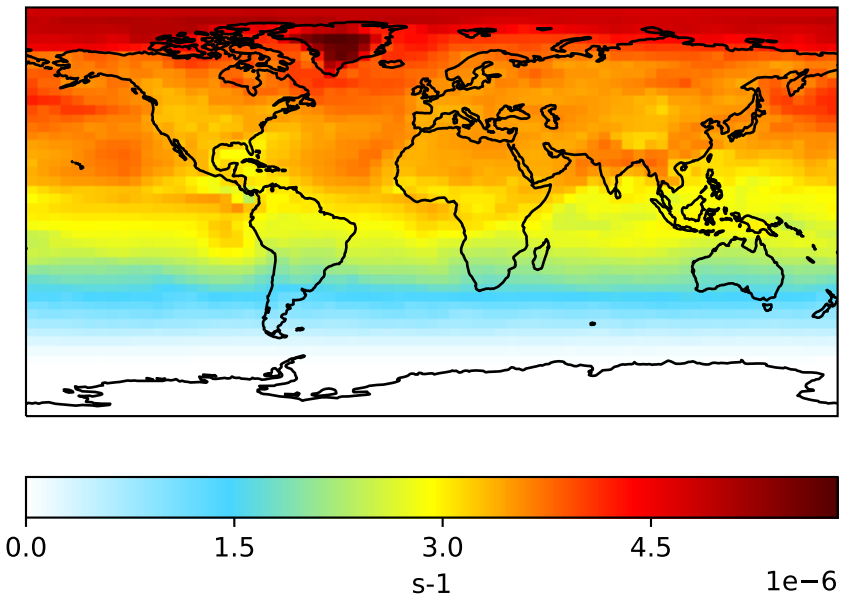


Ratio
Dev/Ref, Fixed Range

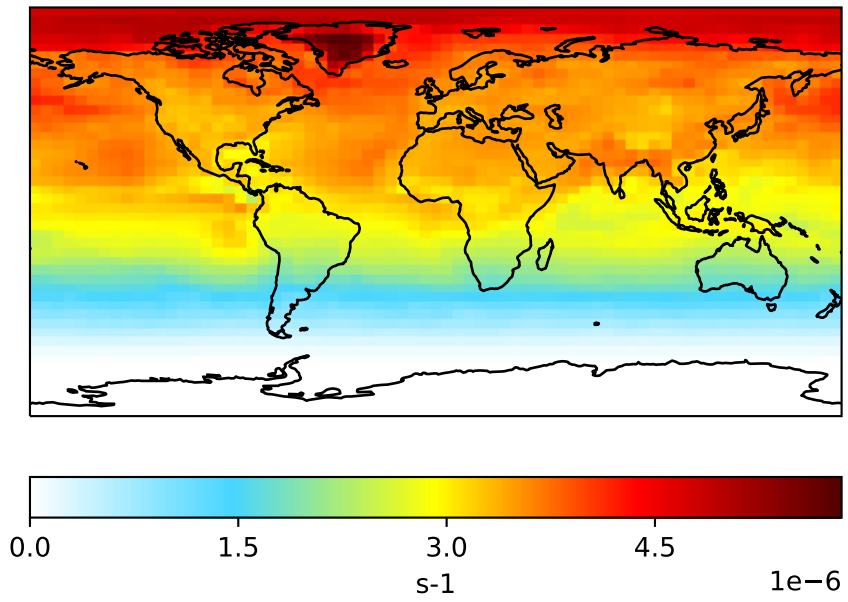


Jval_PP

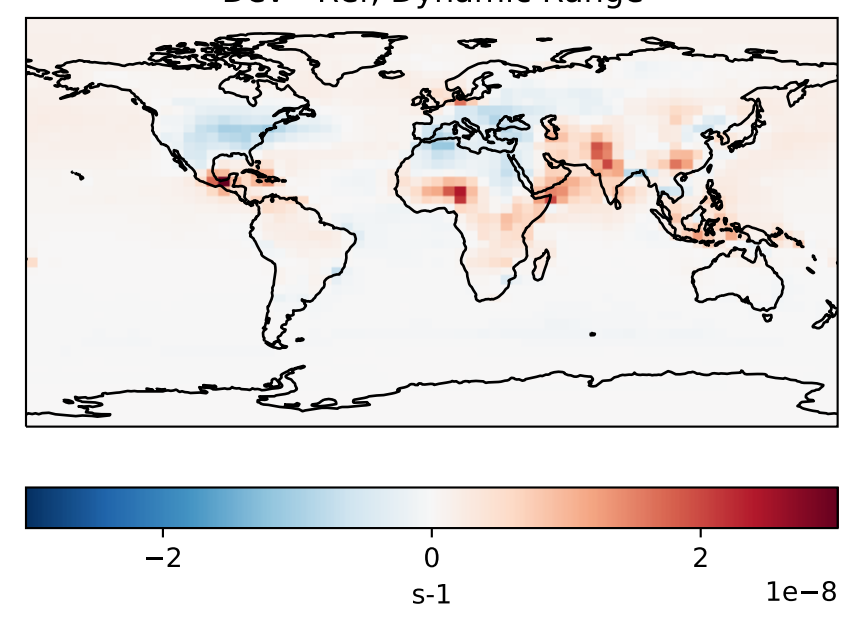
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



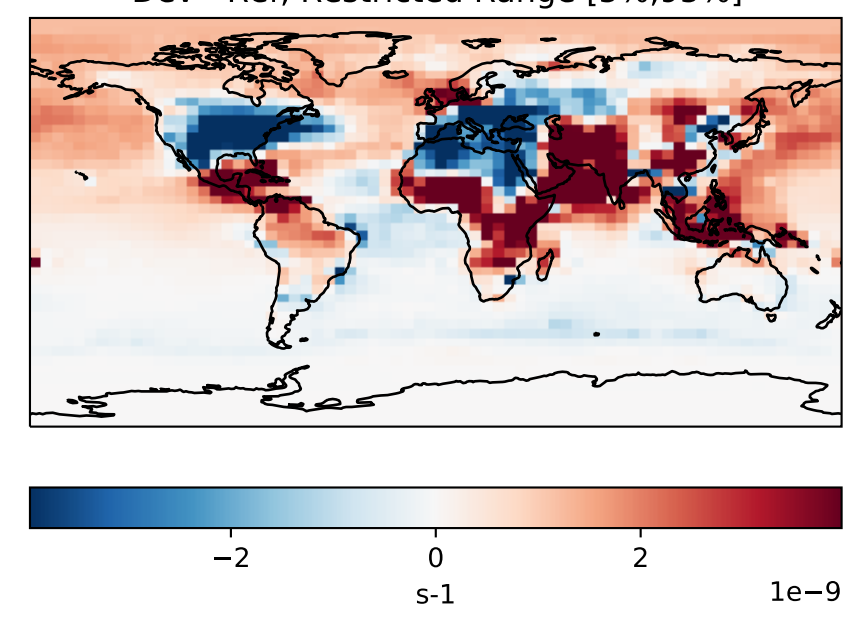
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



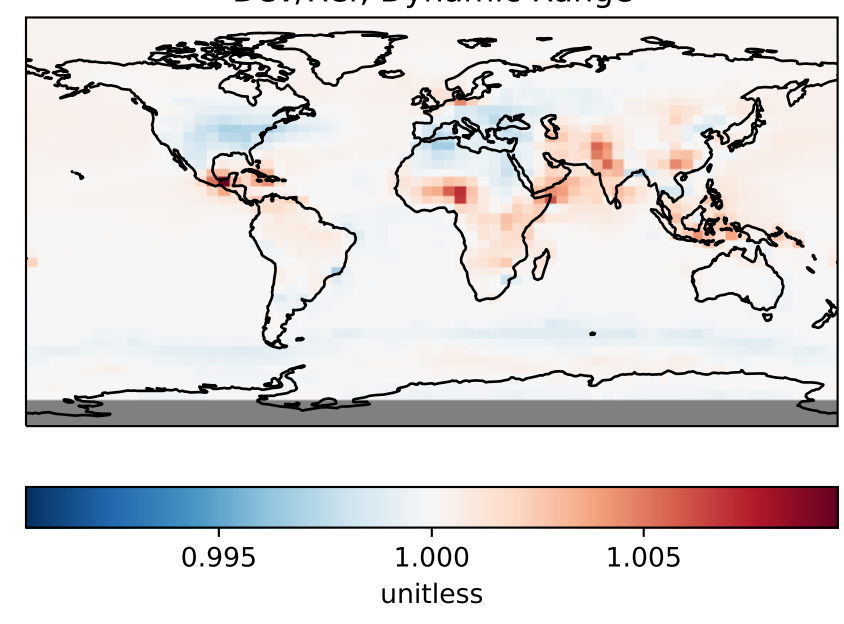
Difference
Dev - Ref, Dynamic Range



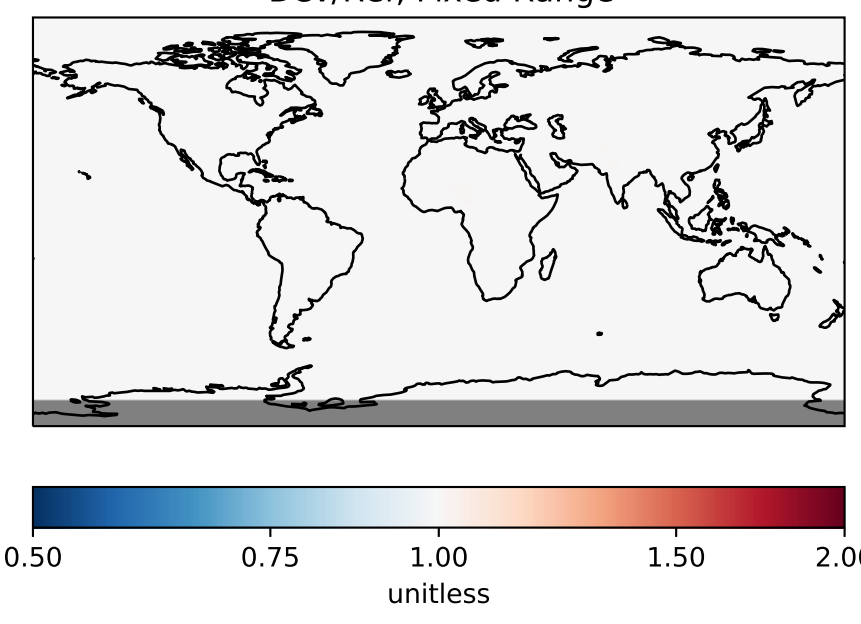
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

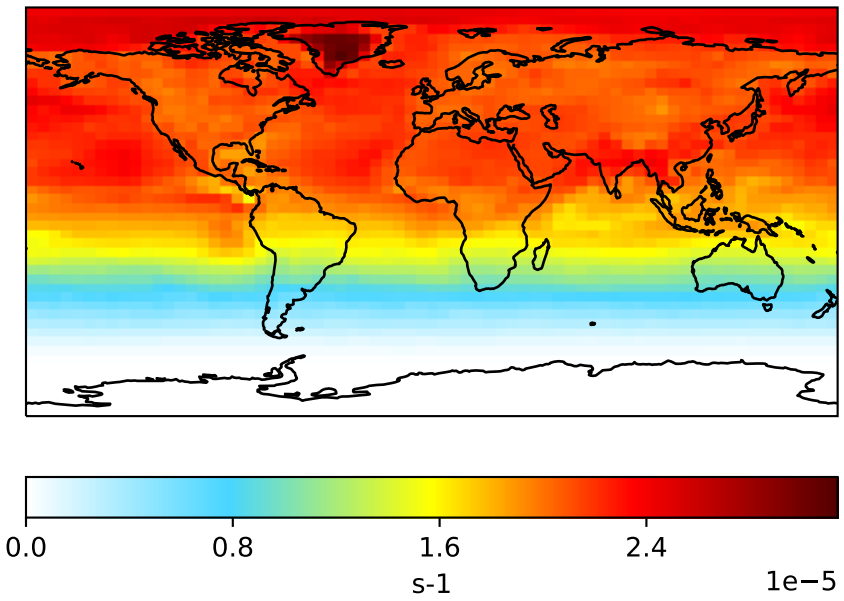


Ratio
Dev/Ref, Fixed Range

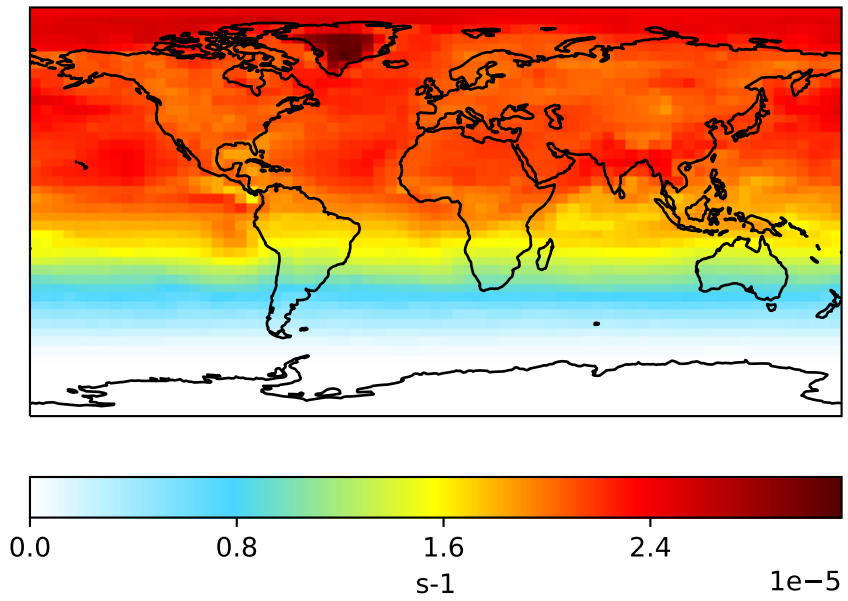


Jval_PROPNN

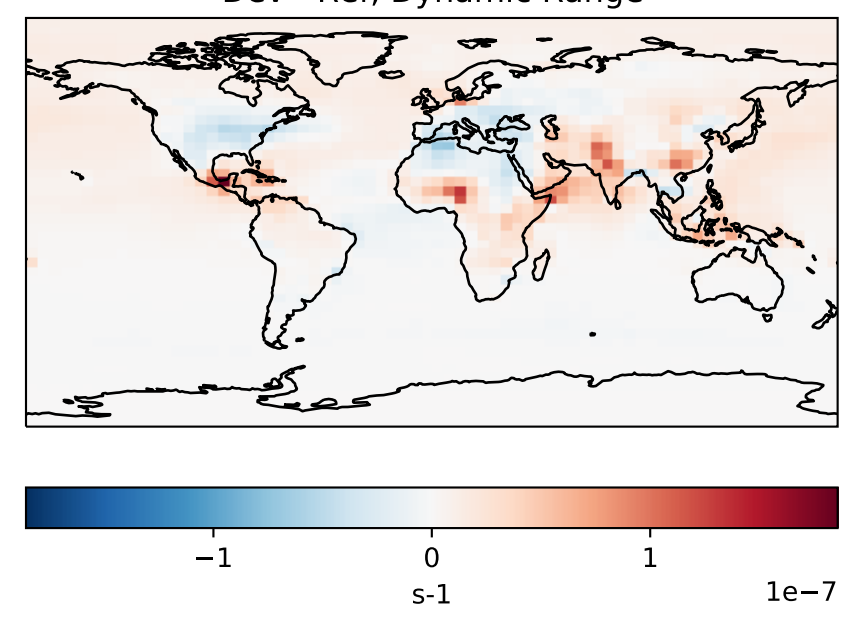
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



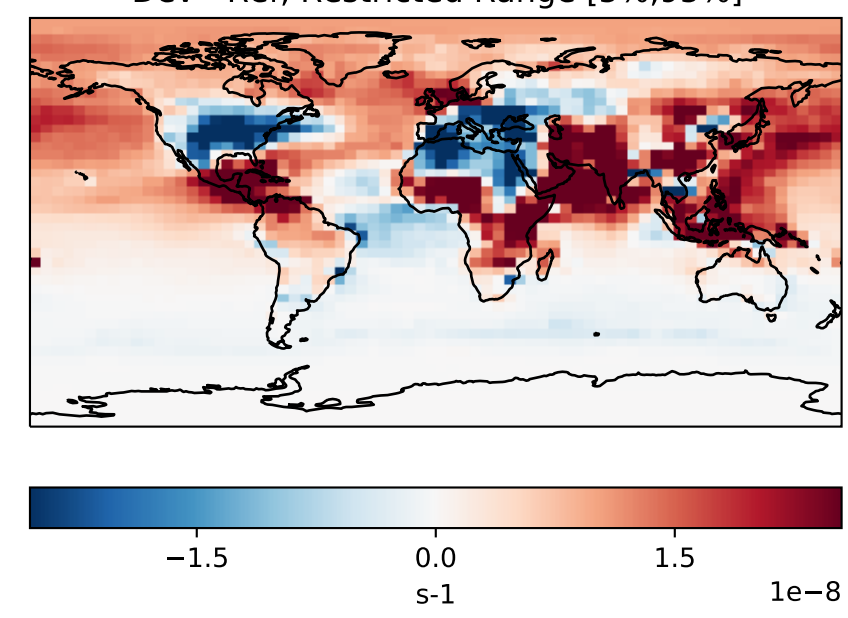
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



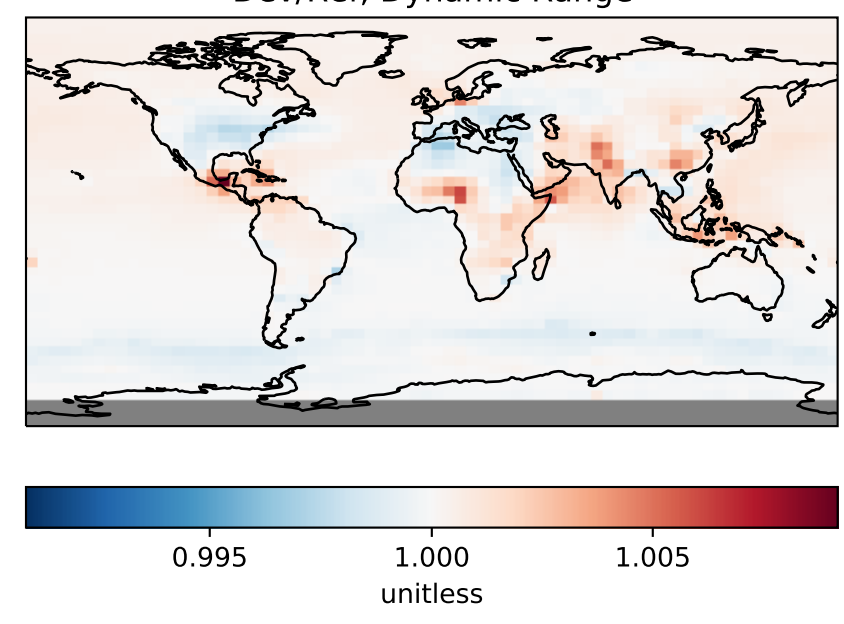
Difference
Dev - Ref, Dynamic Range



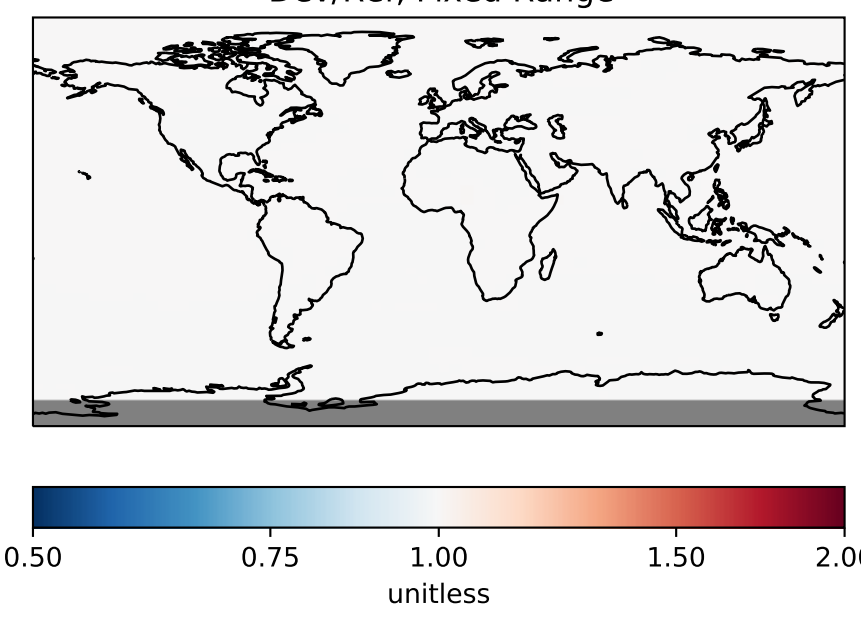
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

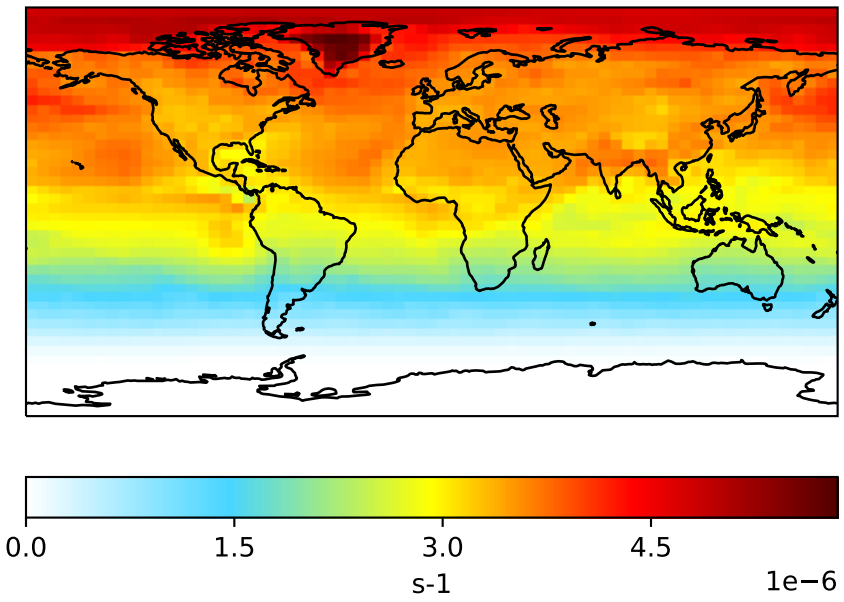


Ratio
Dev/Ref, Fixed Range

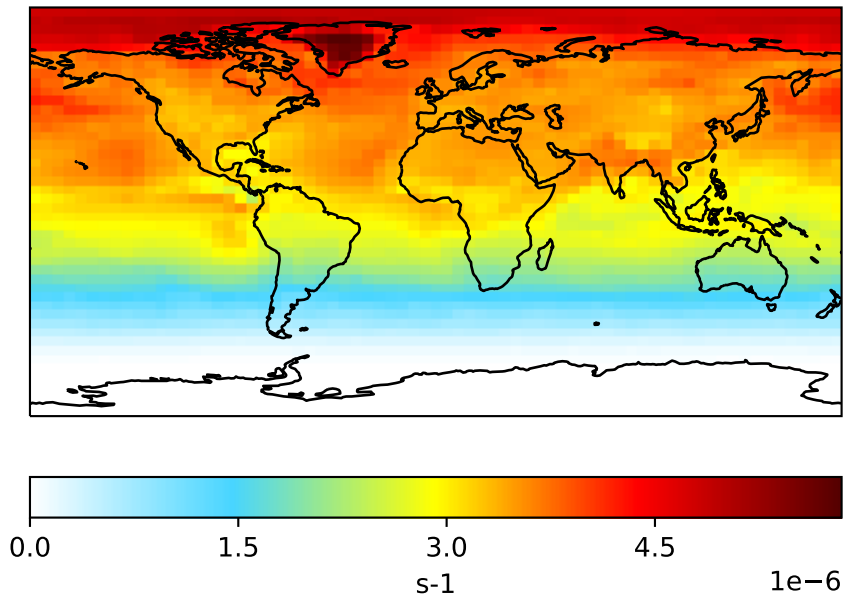


Jval_PRPN

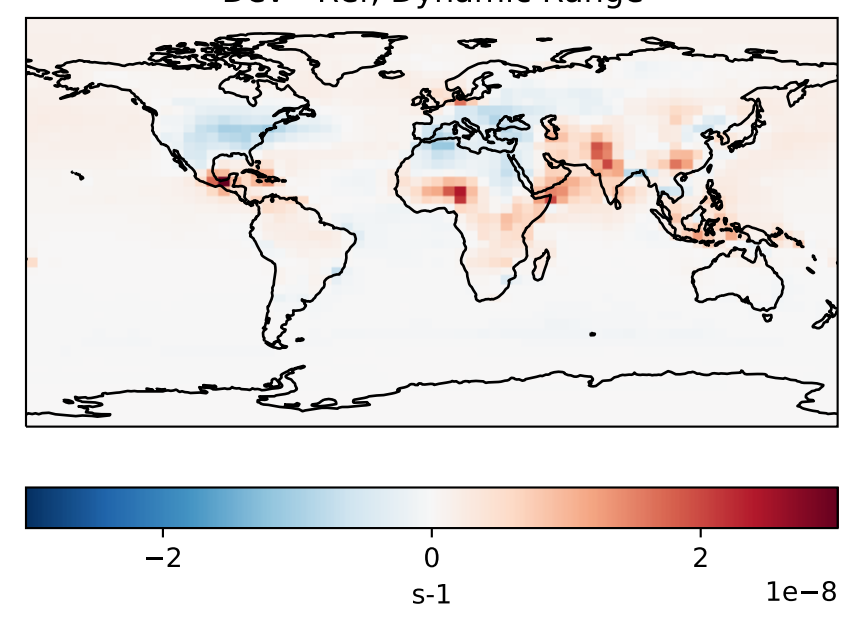
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



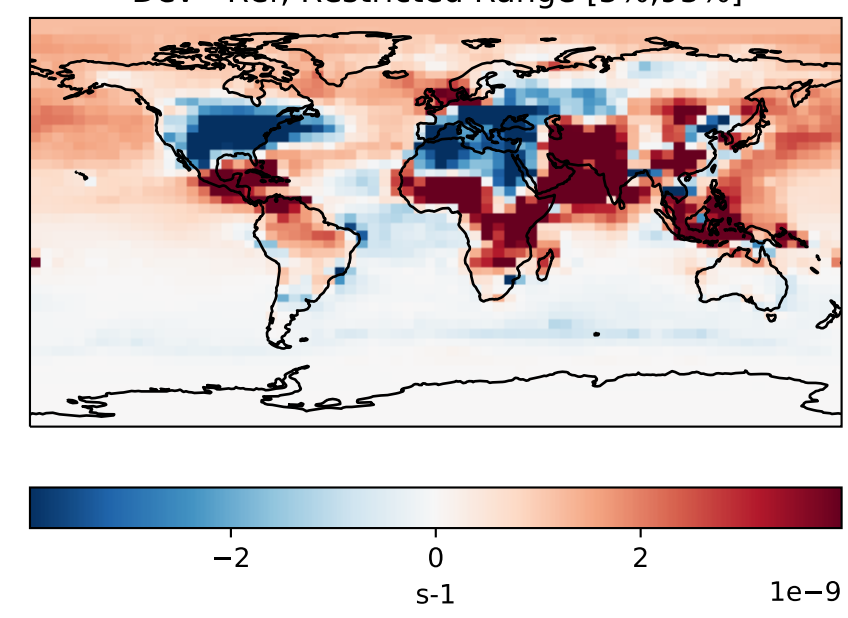
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



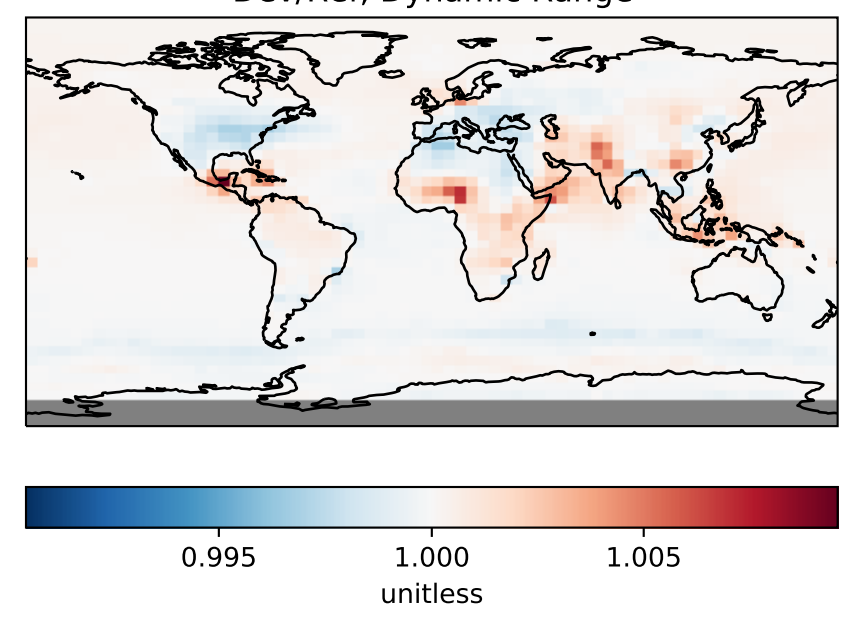
Difference
Dev - Ref, Dynamic Range



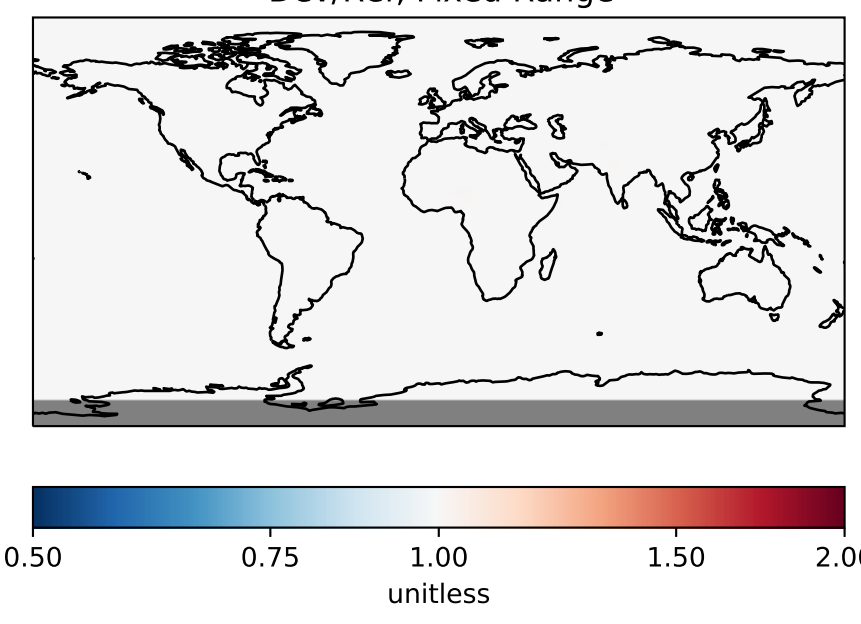
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

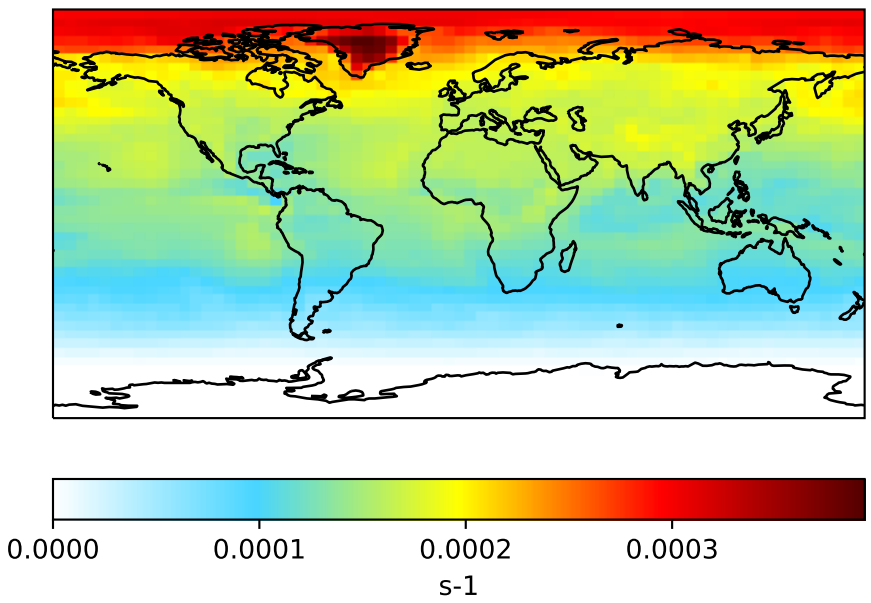


Ratio
Dev/Ref, Fixed Range

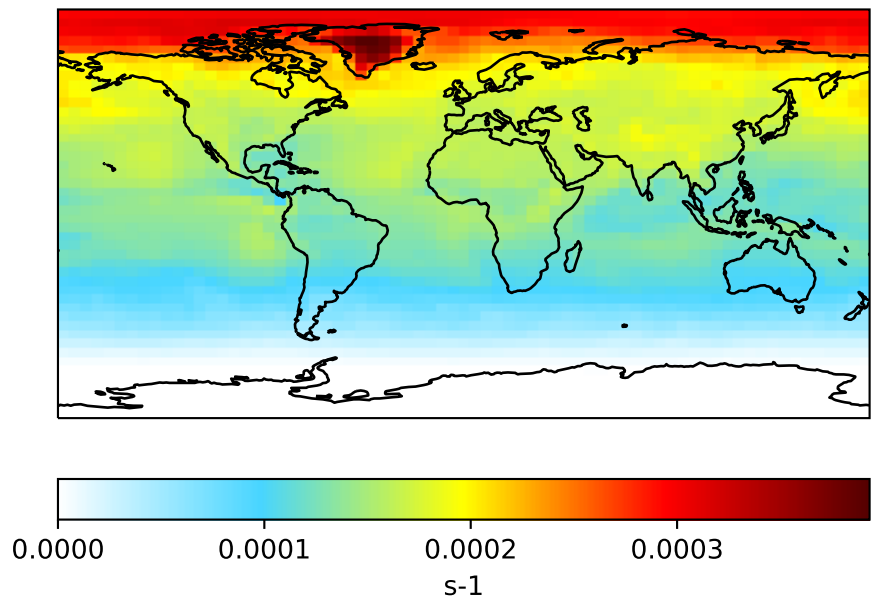


Jval_PYAC

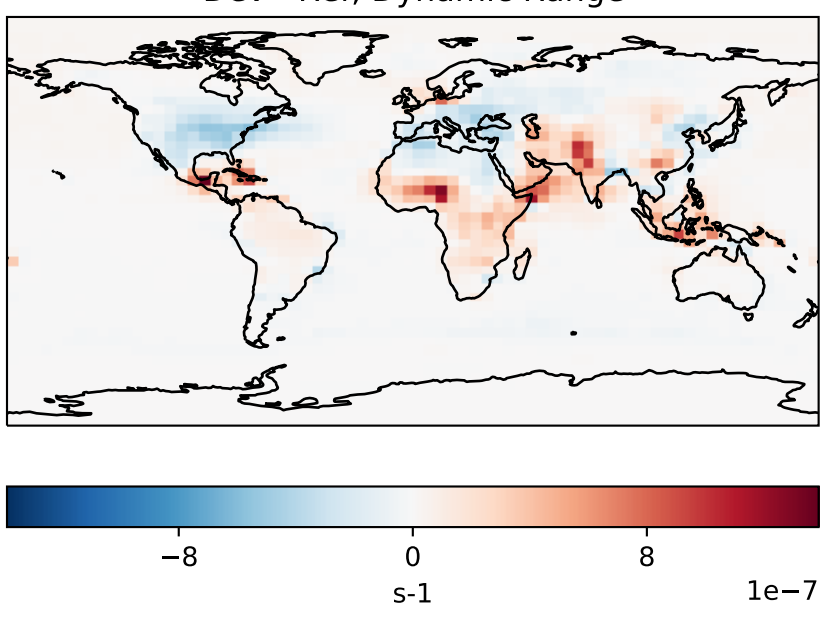
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



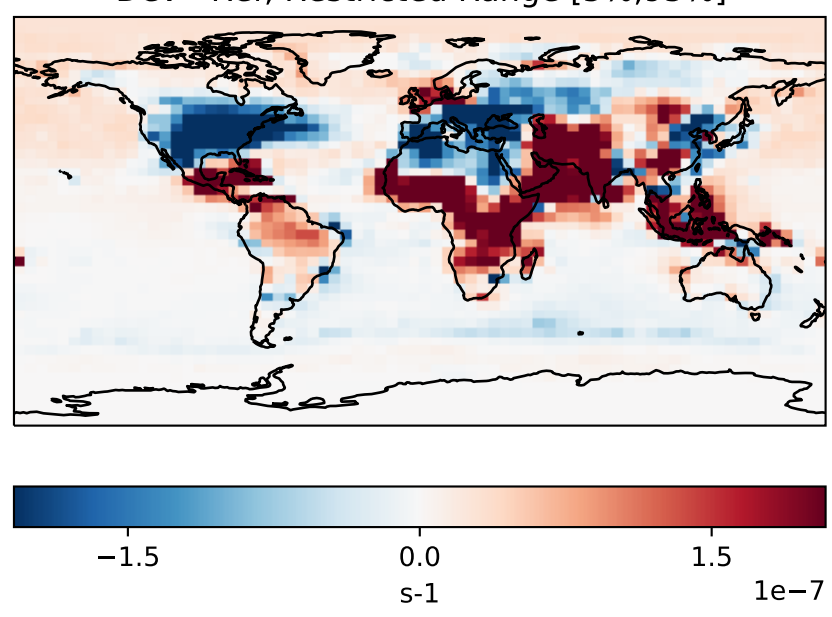
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



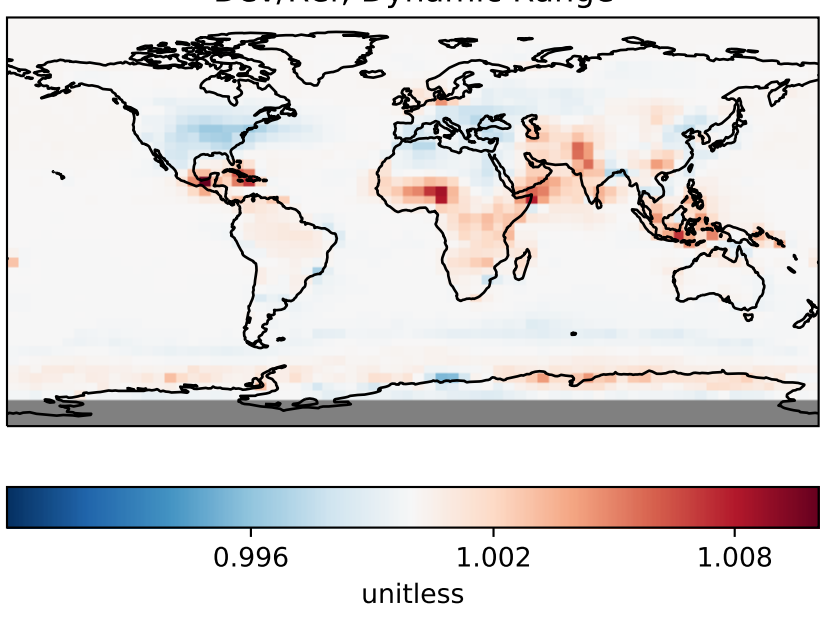
Difference
Dev - Ref, Dynamic Range



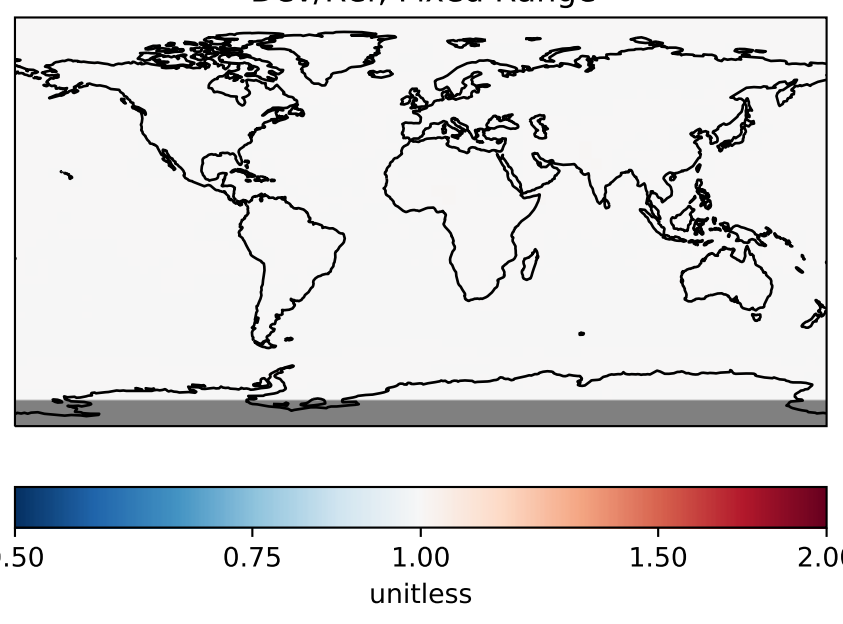
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

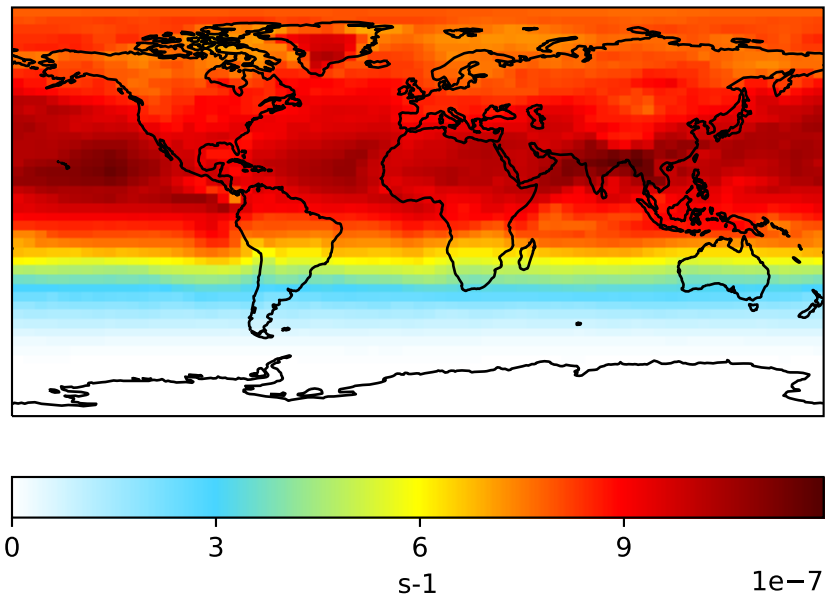


Ratio
Dev/Ref, Fixed Range

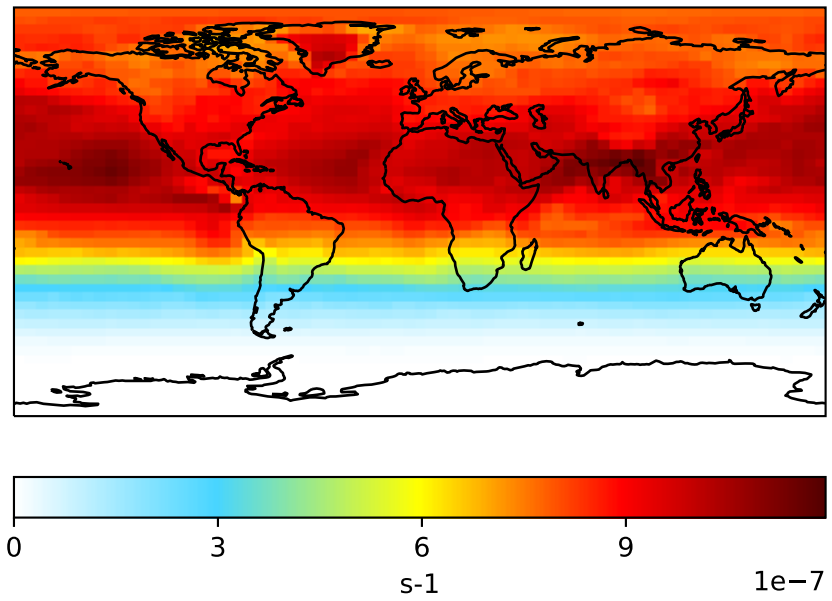


Jval_R4N2

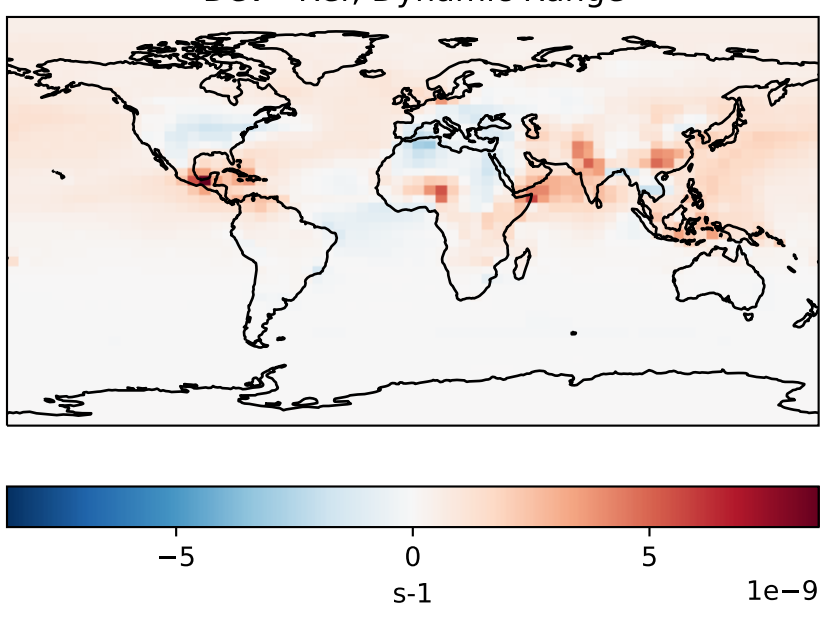
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



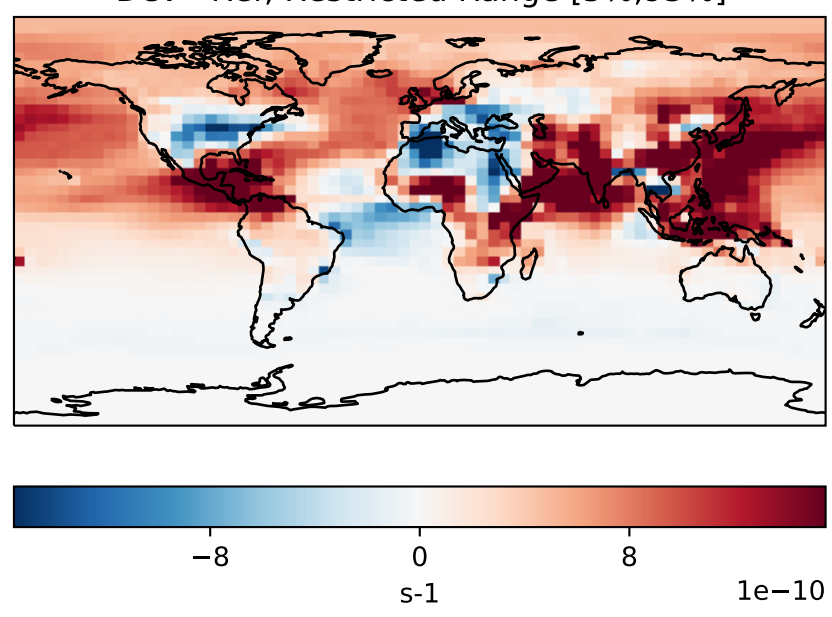
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



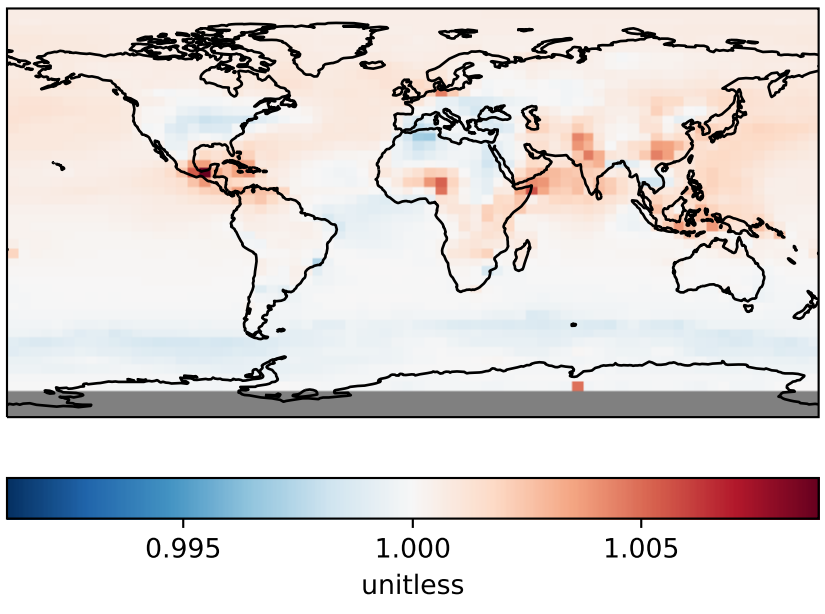
Difference
Dev - Ref, Dynamic Range



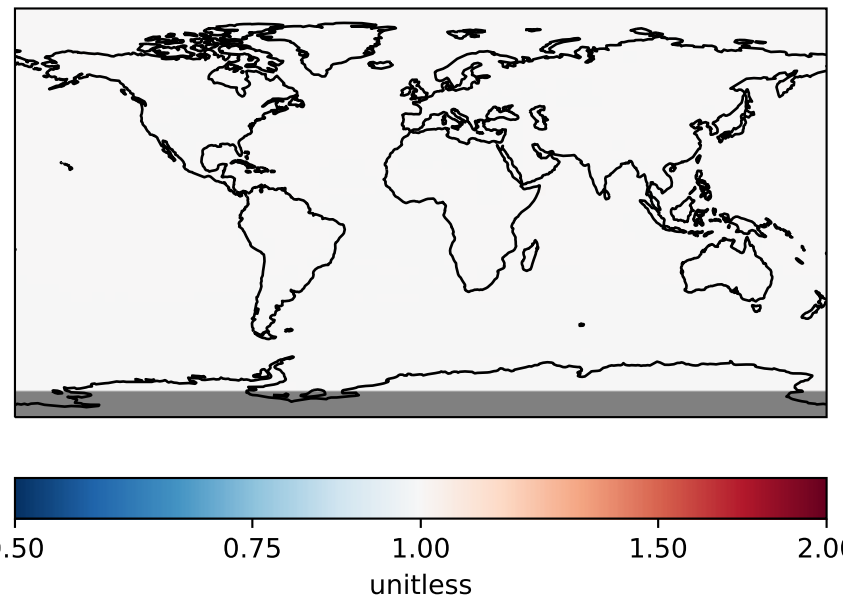
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

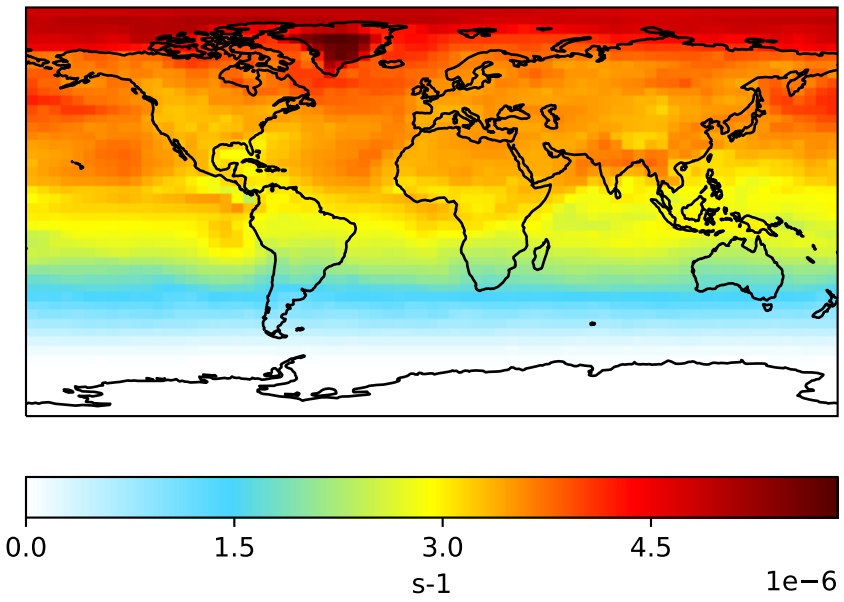


Ratio
Dev/Ref, Fixed Range

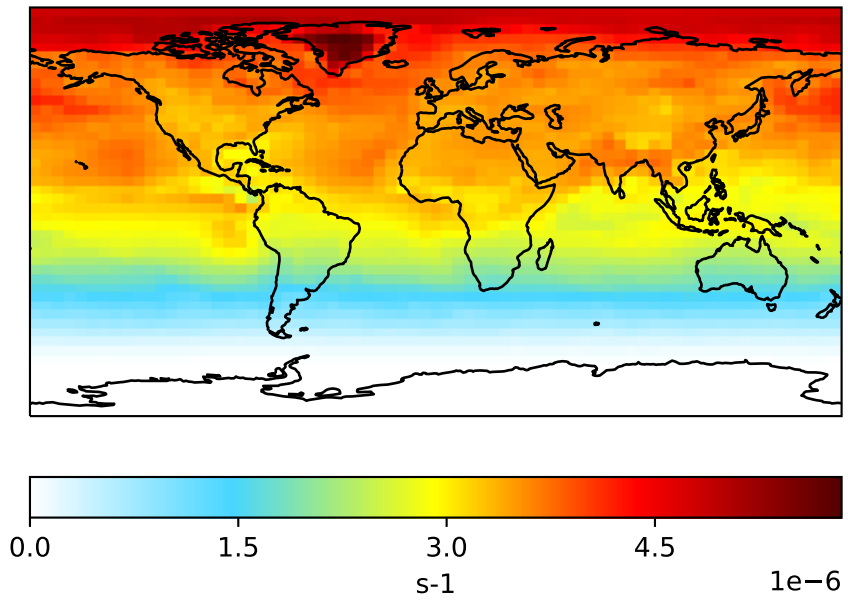


Jval_R4P

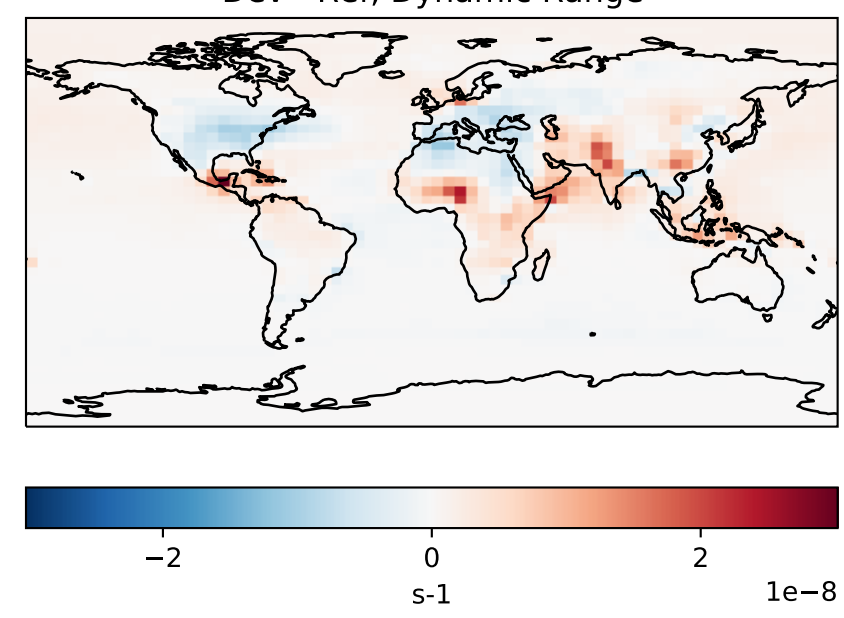
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



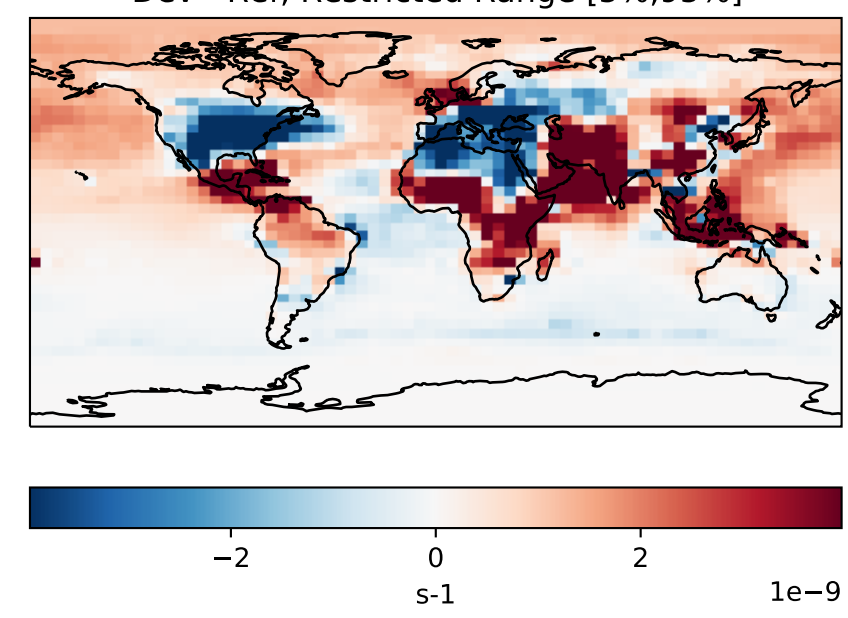
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



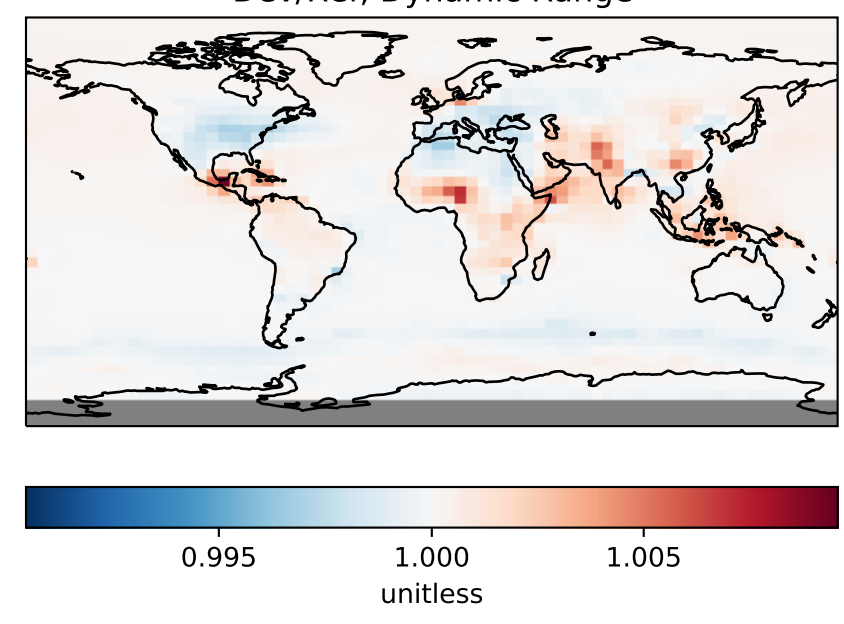
Difference
Dev - Ref, Dynamic Range



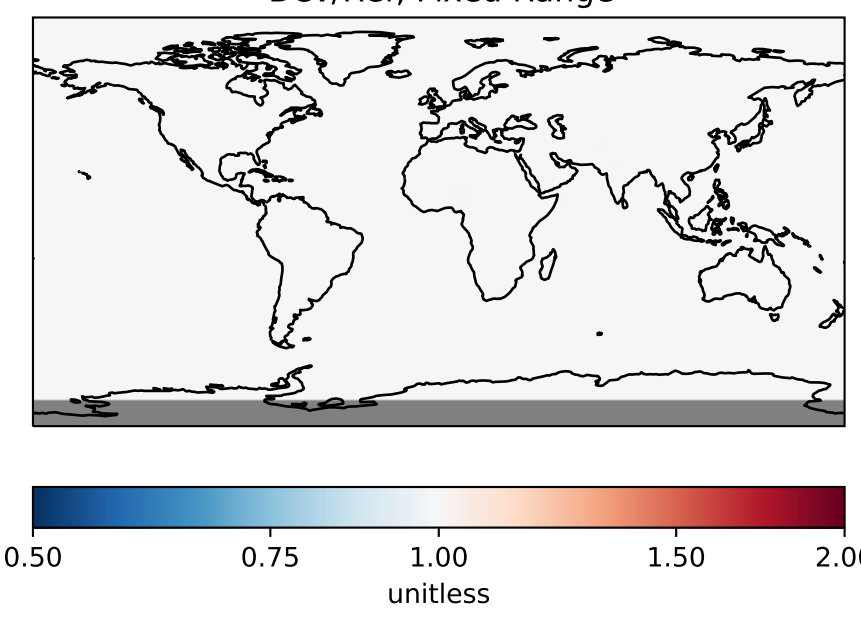
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

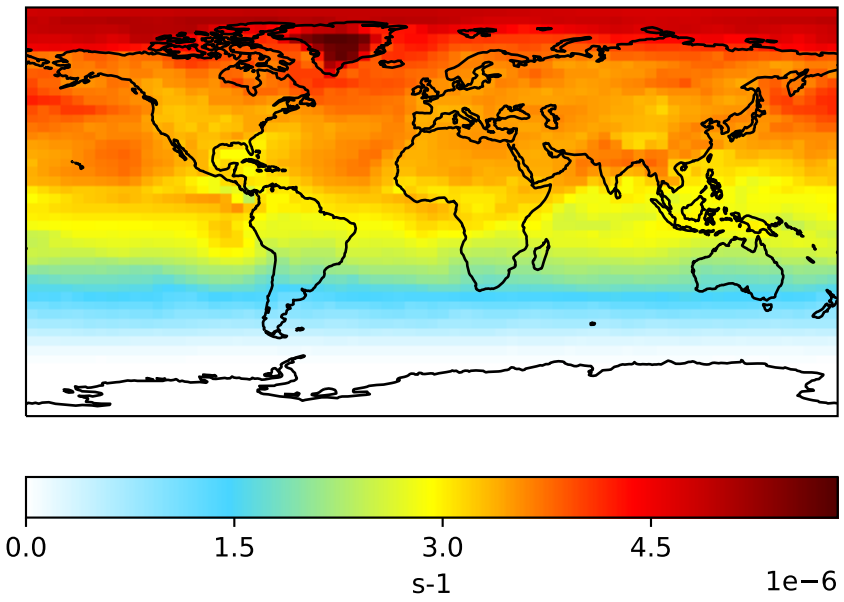


Ratio
Dev/Ref, Fixed Range

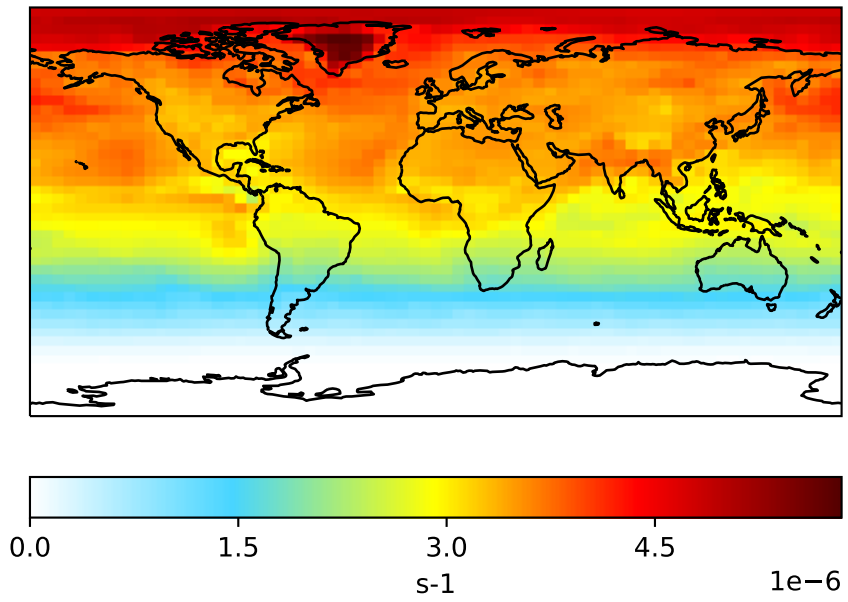


Jval_RA3P

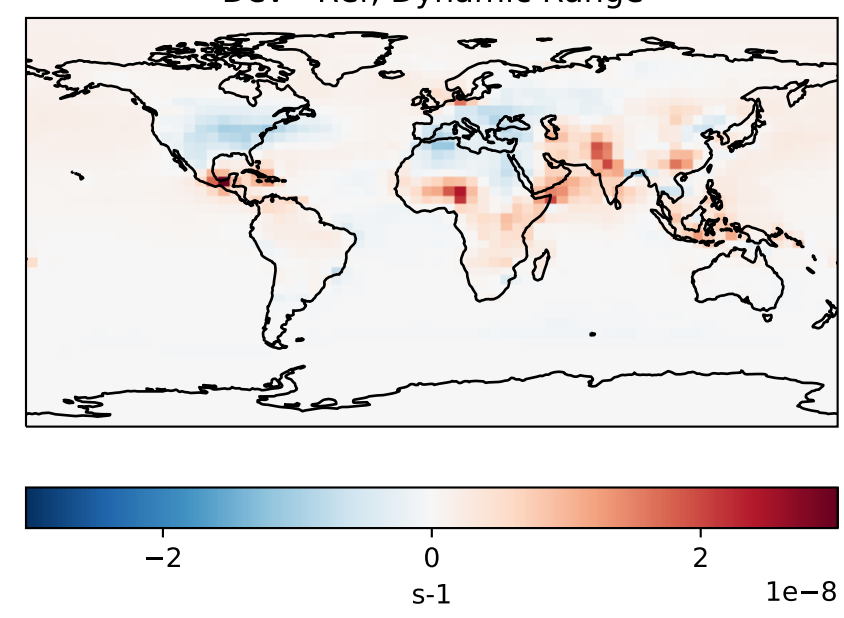
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



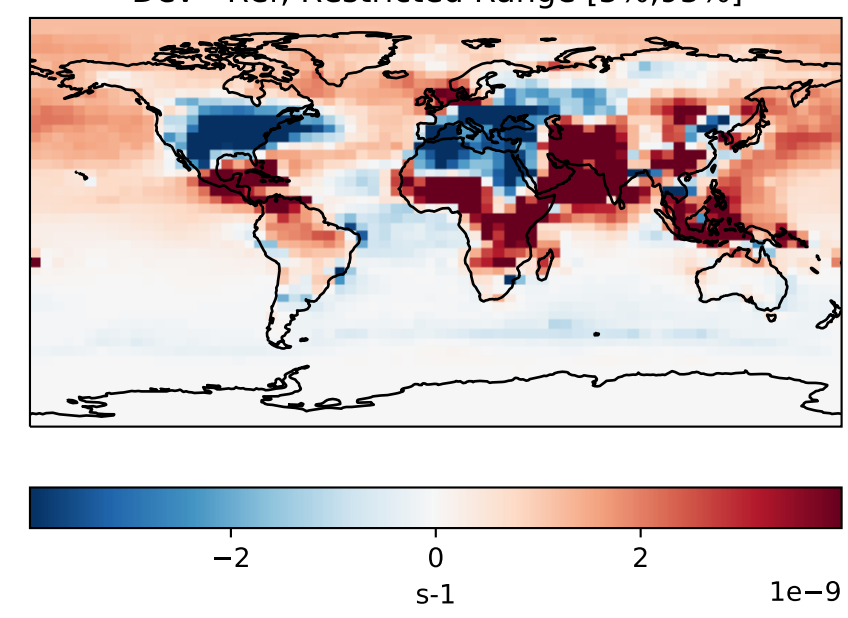
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



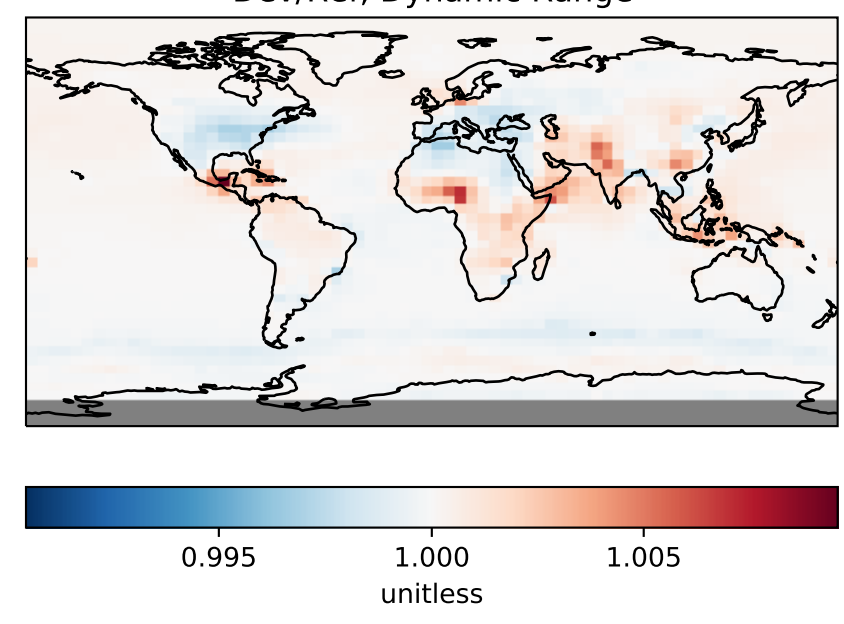
Difference
Dev - Ref, Dynamic Range



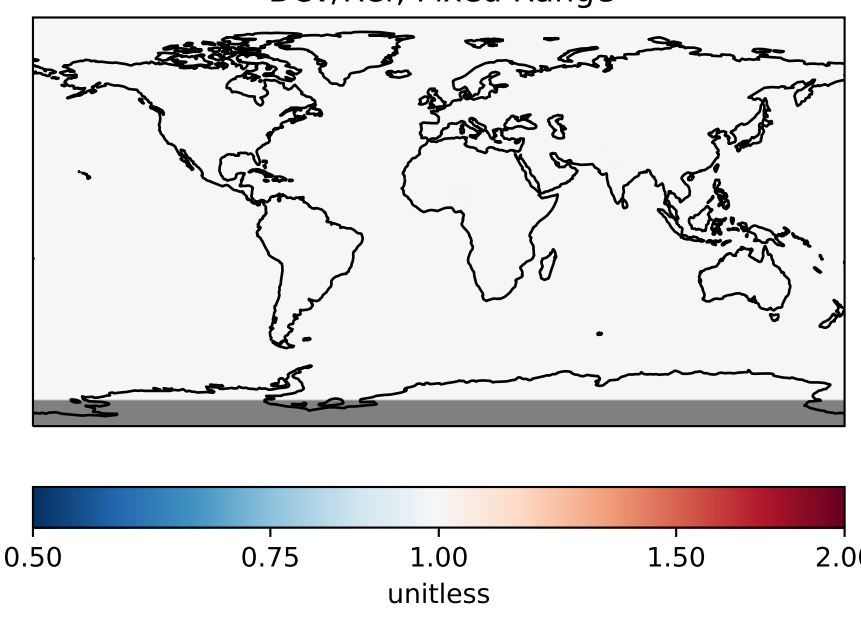
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

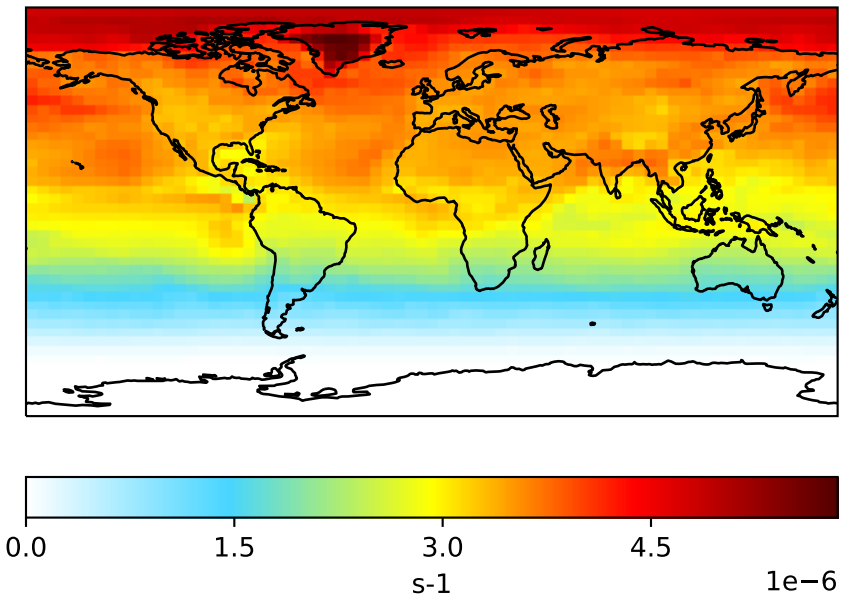


Ratio
Dev/Ref, Fixed Range

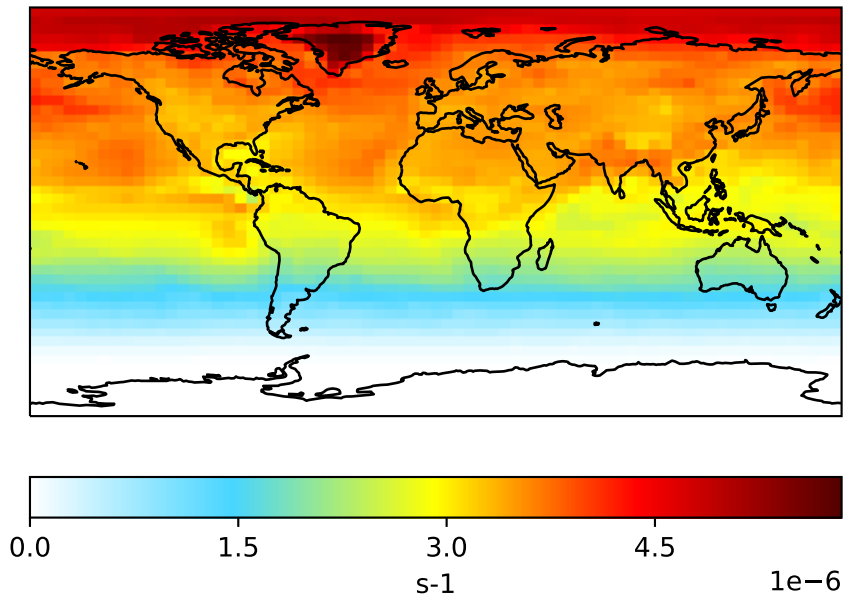


Jval_RB3P

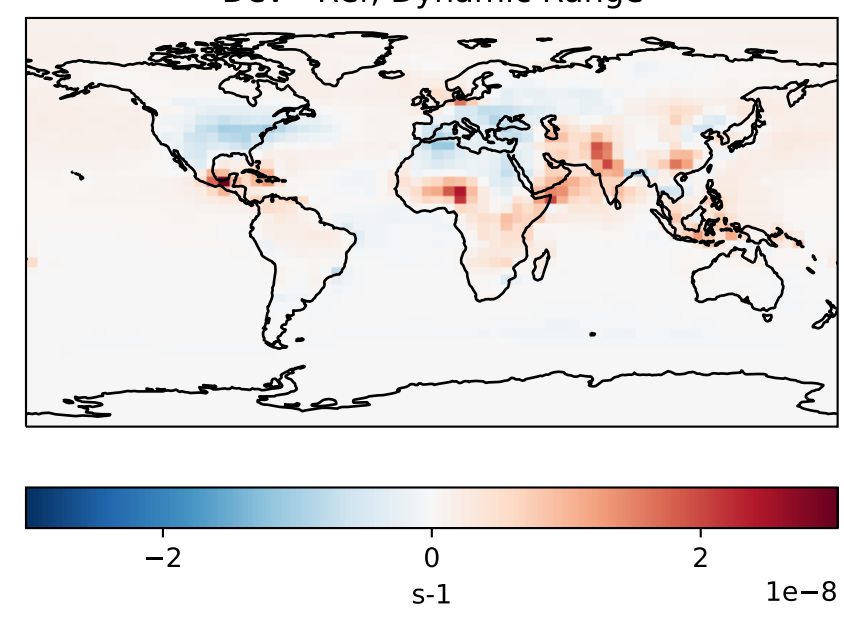
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



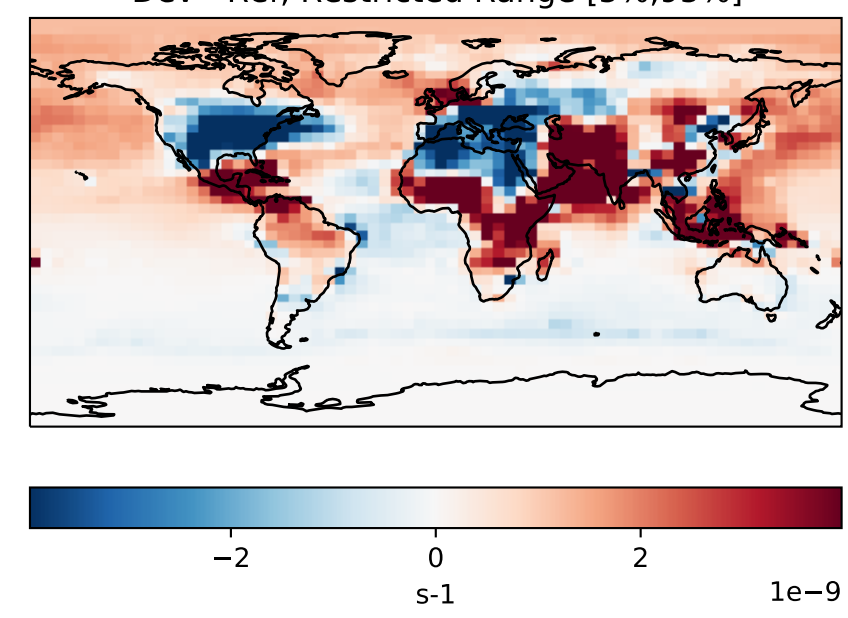
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



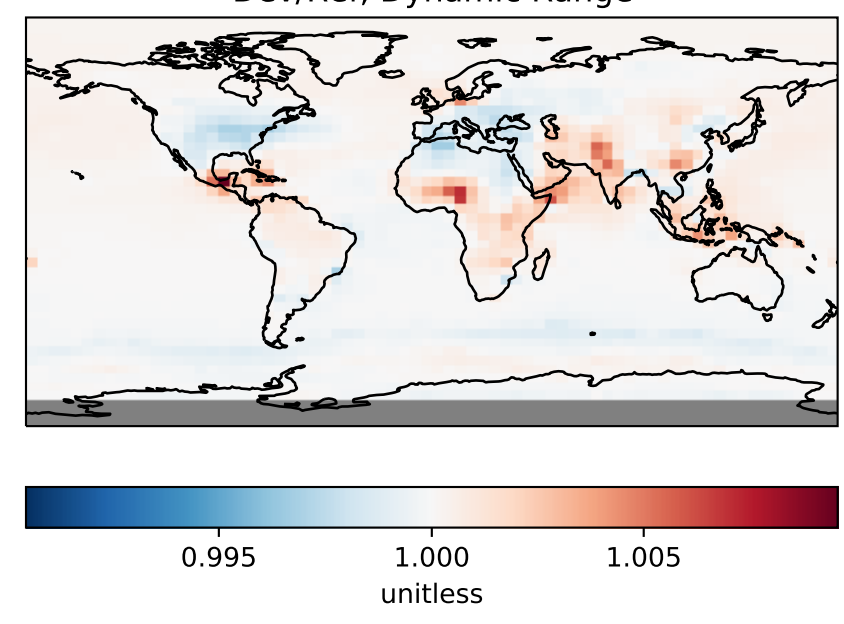
Difference
Dev - Ref, Dynamic Range



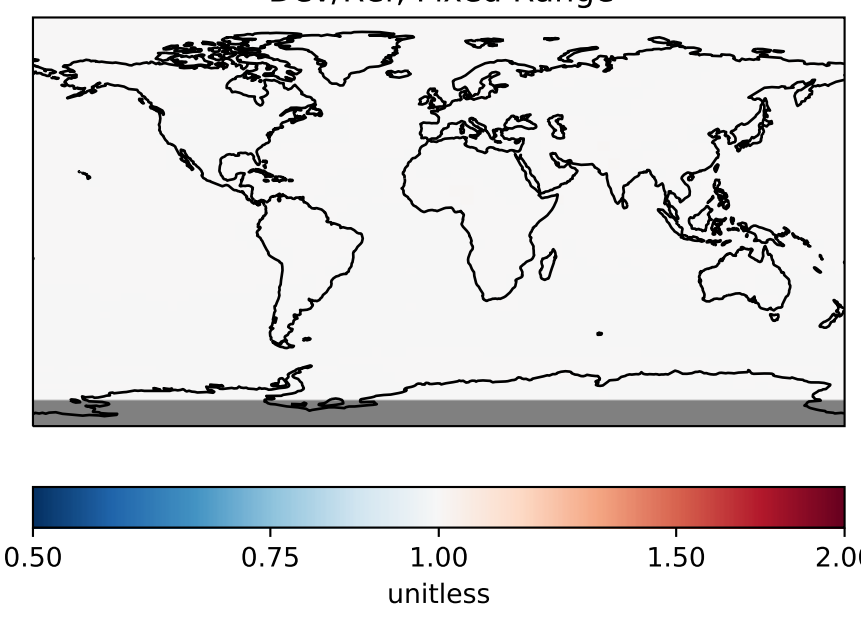
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

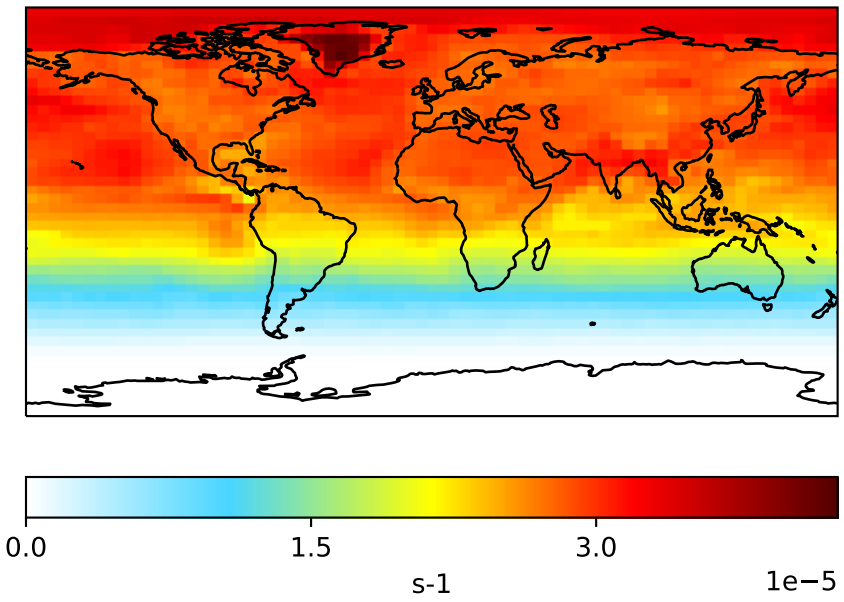


Ratio
Dev/Ref, Fixed Range

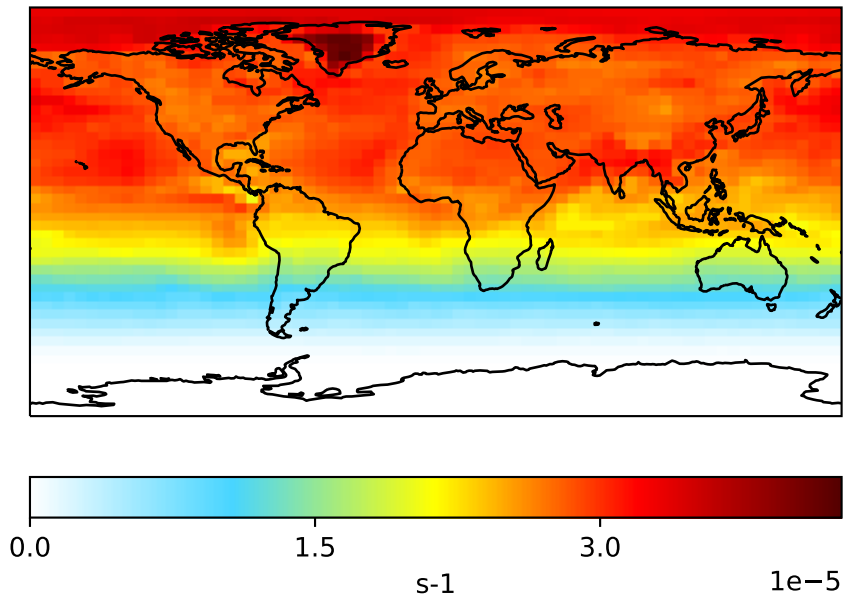


Jval_RCHO

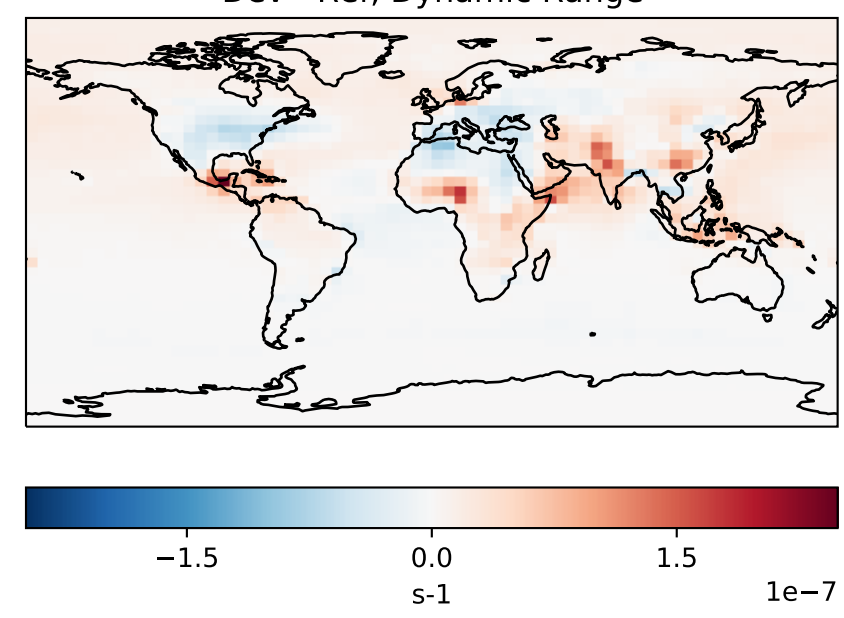
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



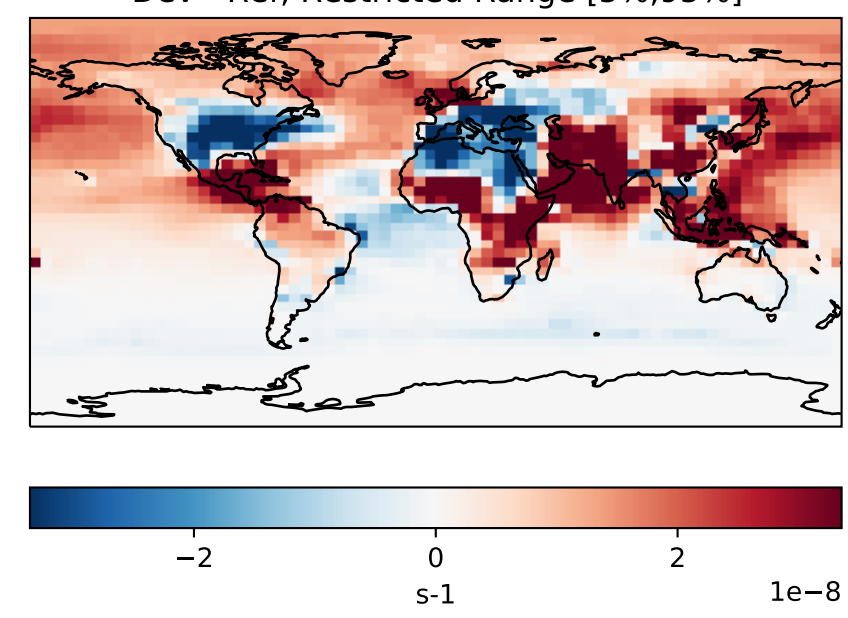
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



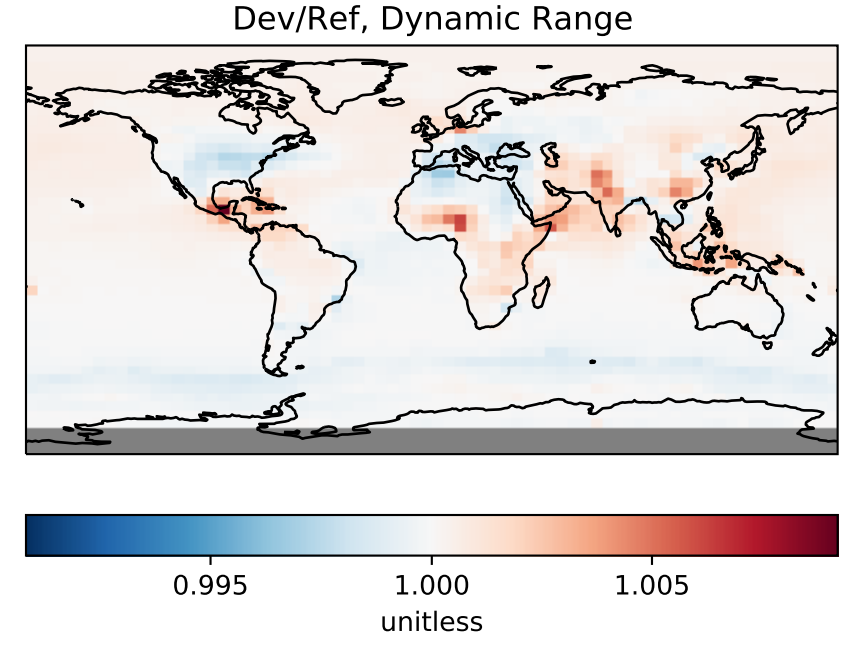
Difference
Dev - Ref, Dynamic Range



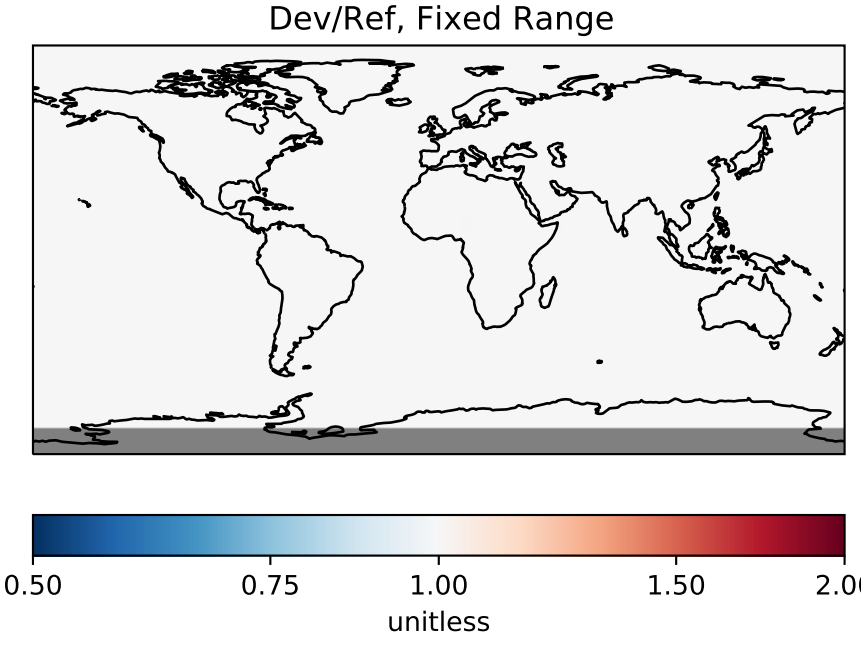
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

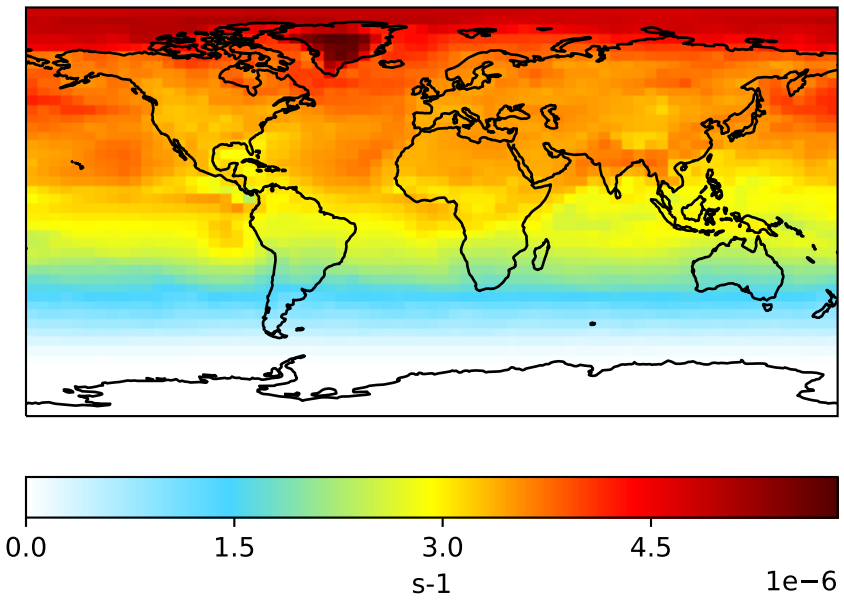


Ratio
Dev/Ref, Fixed Range

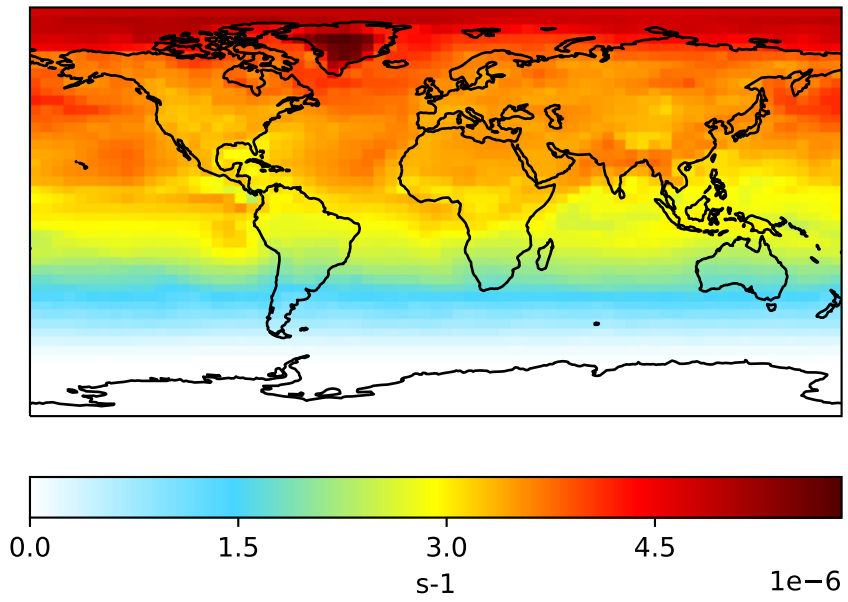


Jval_RIPA

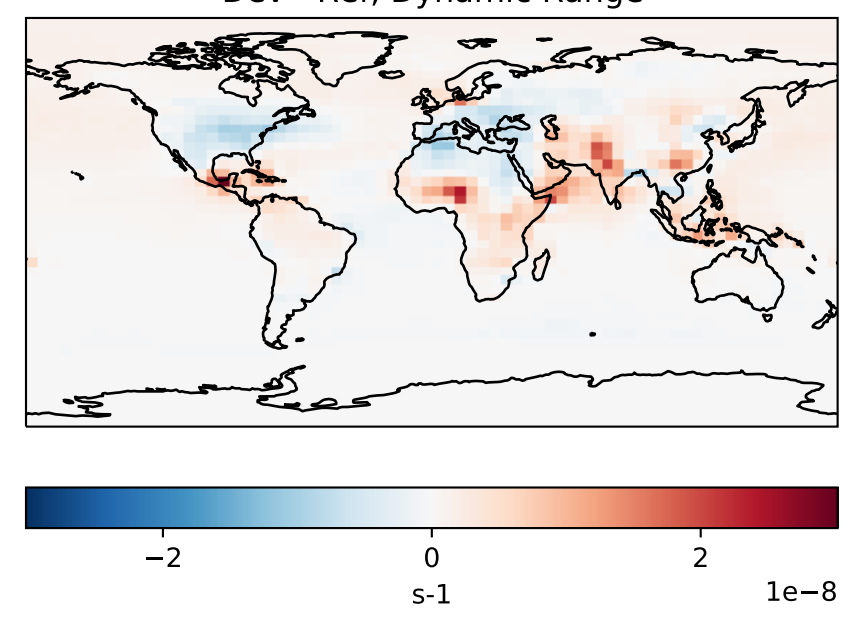
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



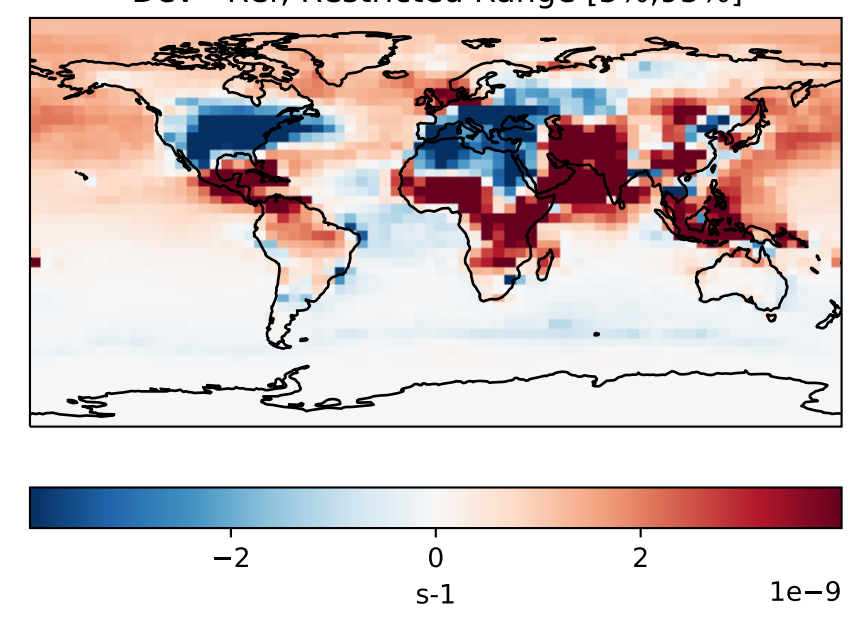
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



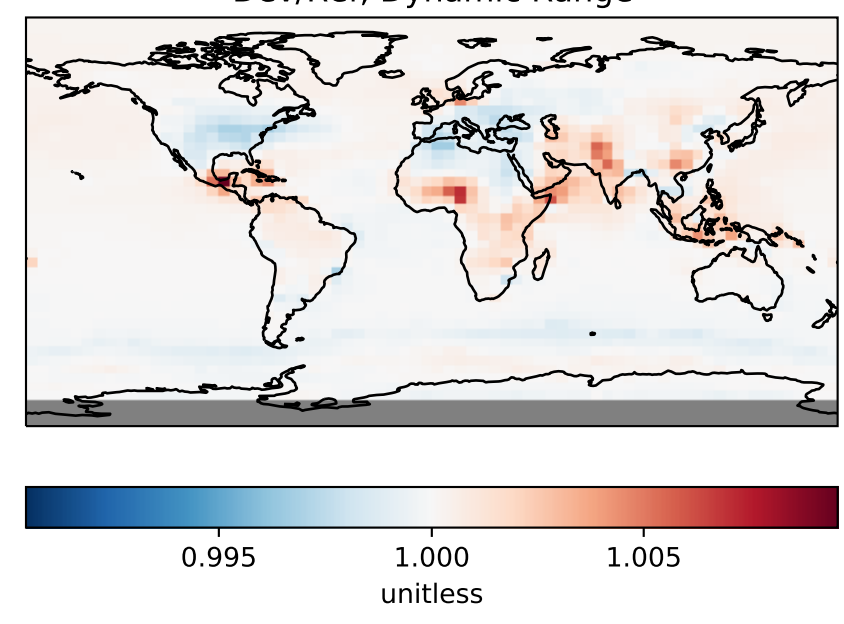
Difference
Dev - Ref, Dynamic Range



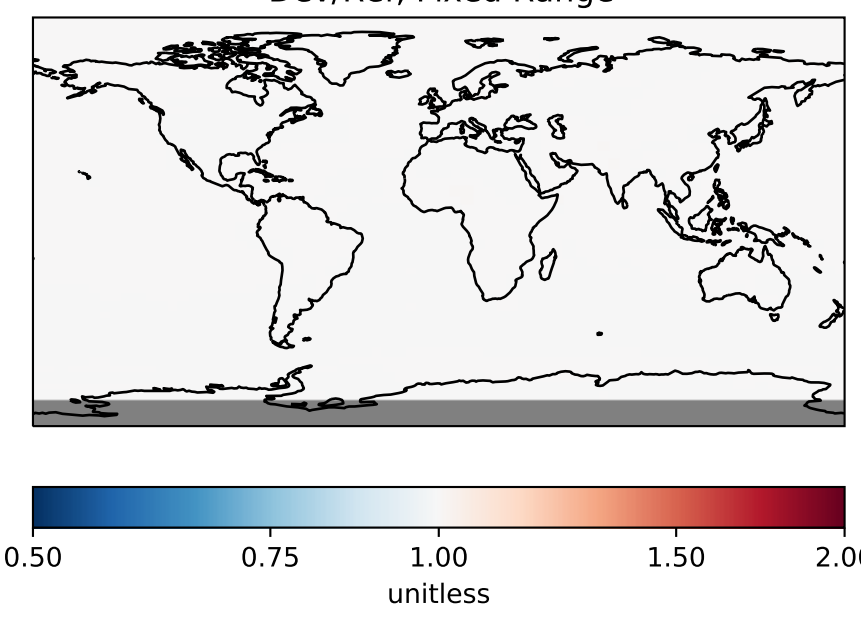
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

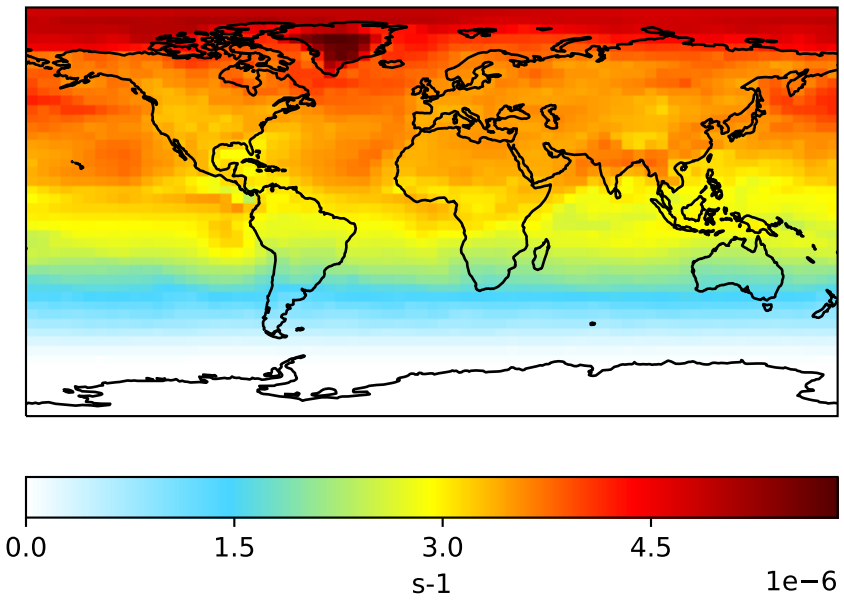


Ratio
Dev/Ref, Fixed Range

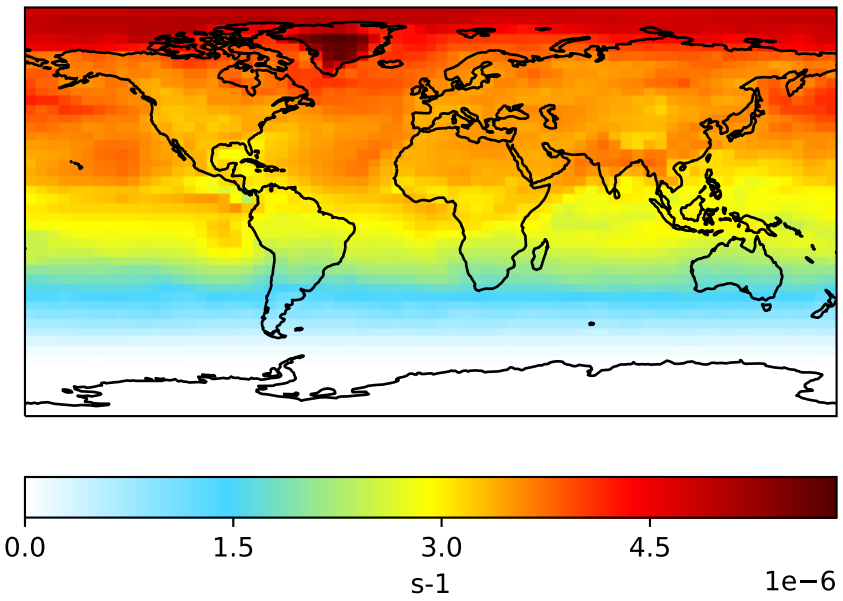


Jval_RIPB

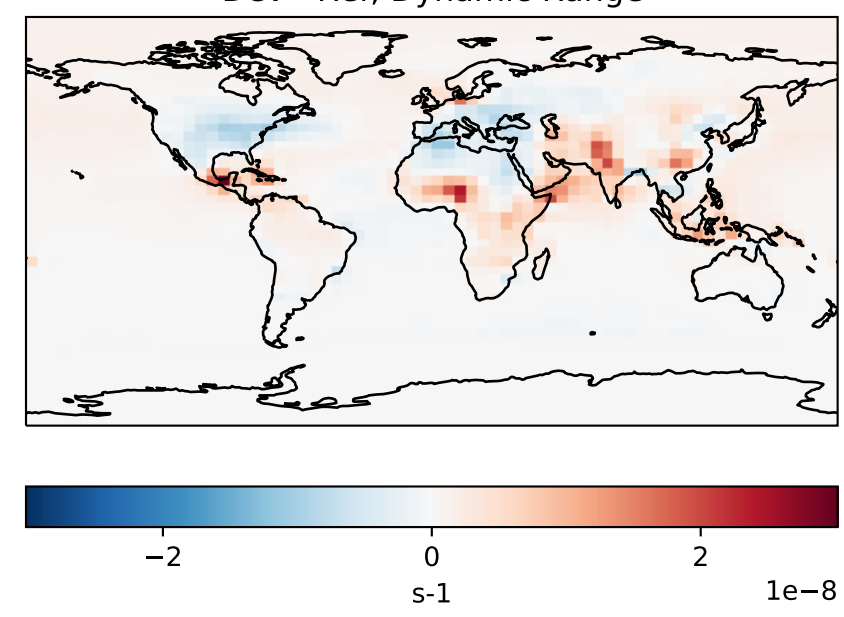
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



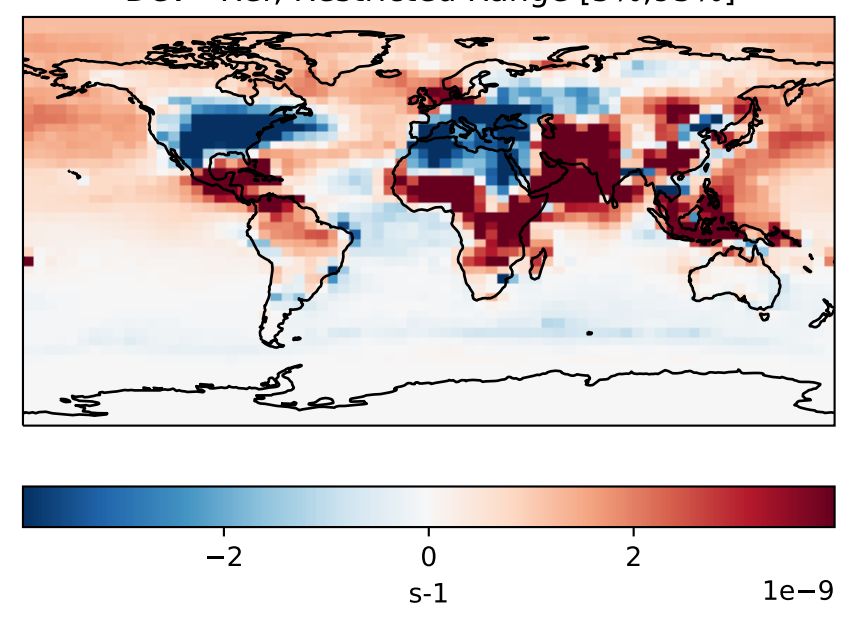
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



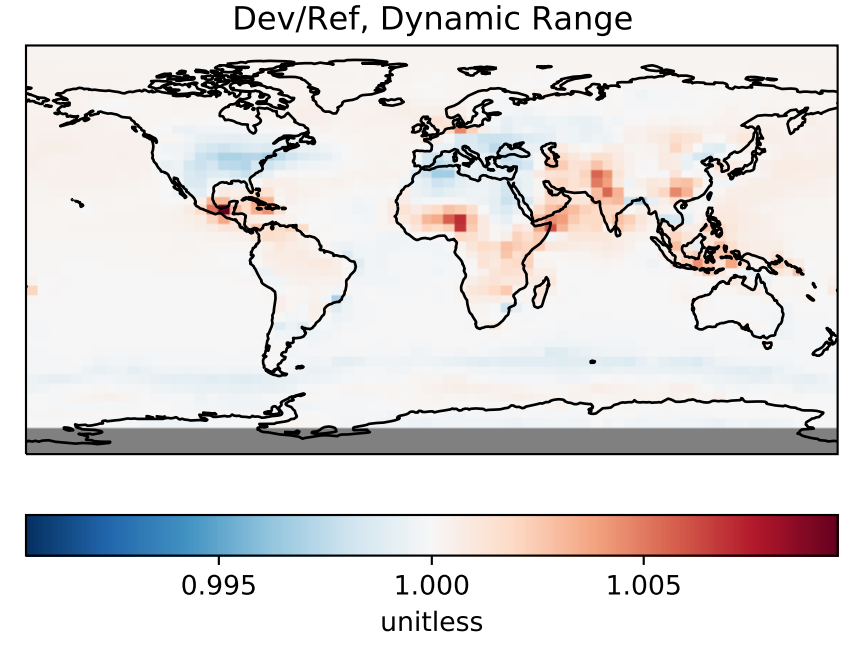
Difference
Dev - Ref, Dynamic Range



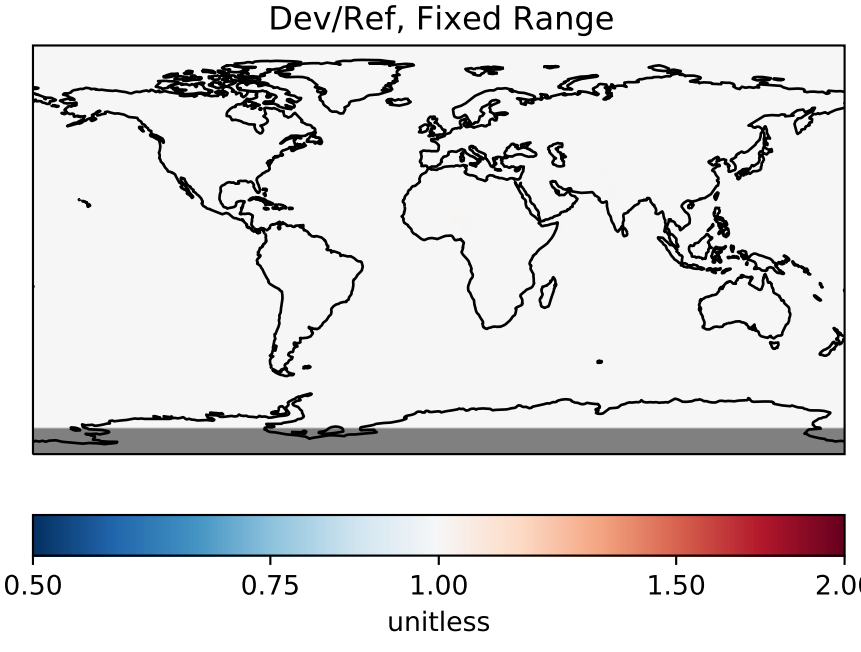
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

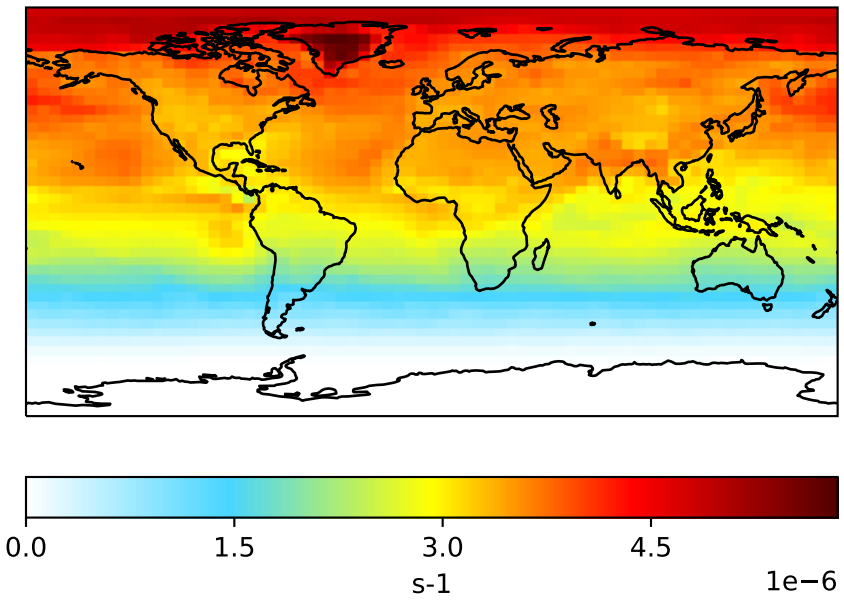


Ratio
Dev/Ref, Fixed Range

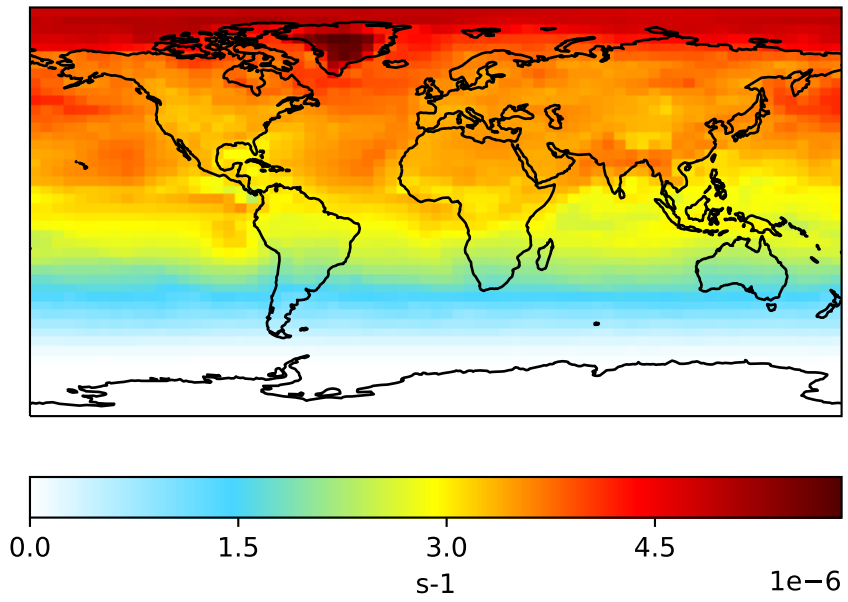


Jval_RIPC

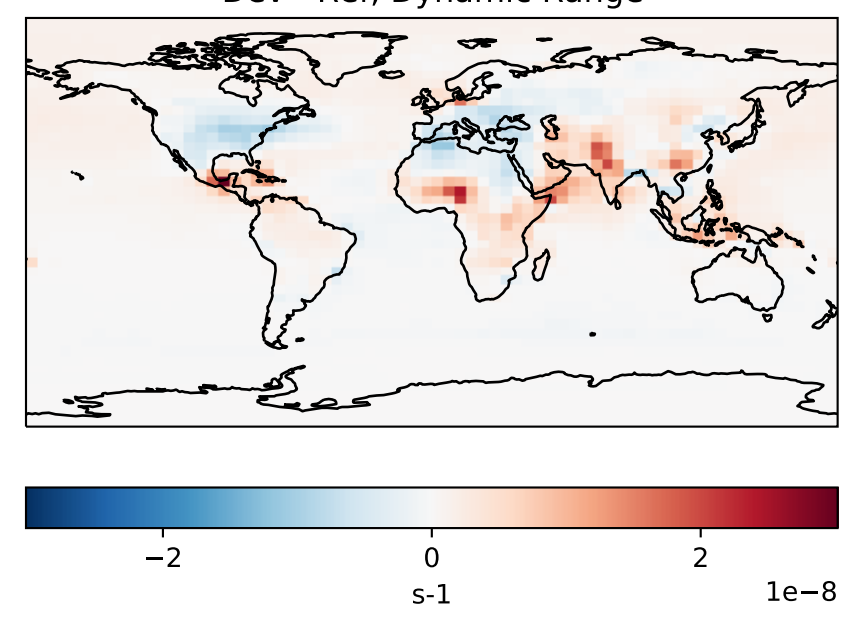
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



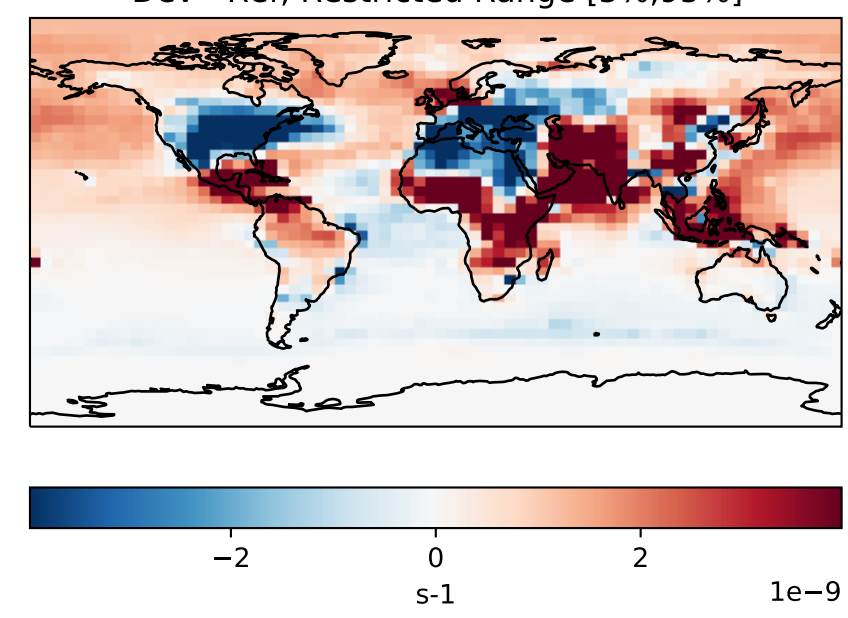
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



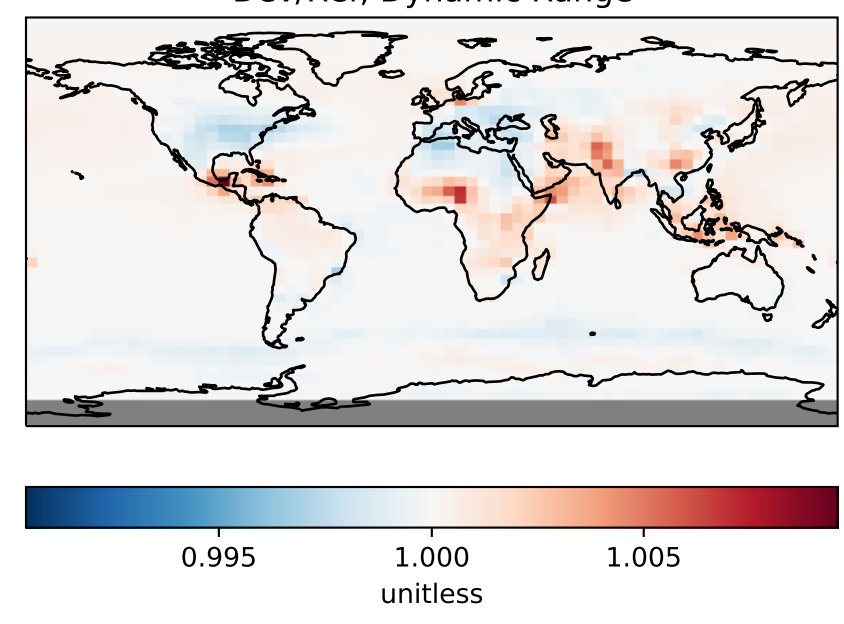
Difference
Dev - Ref, Dynamic Range



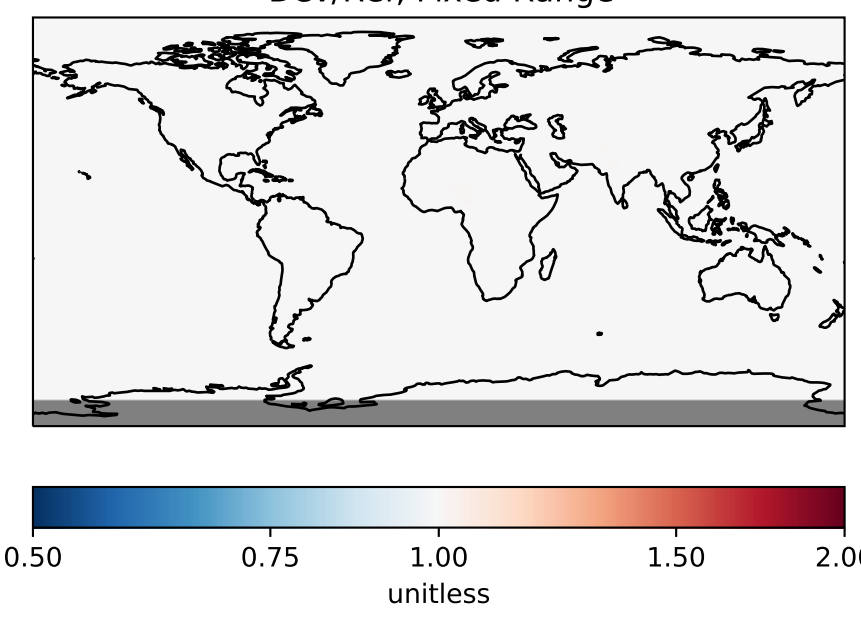
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

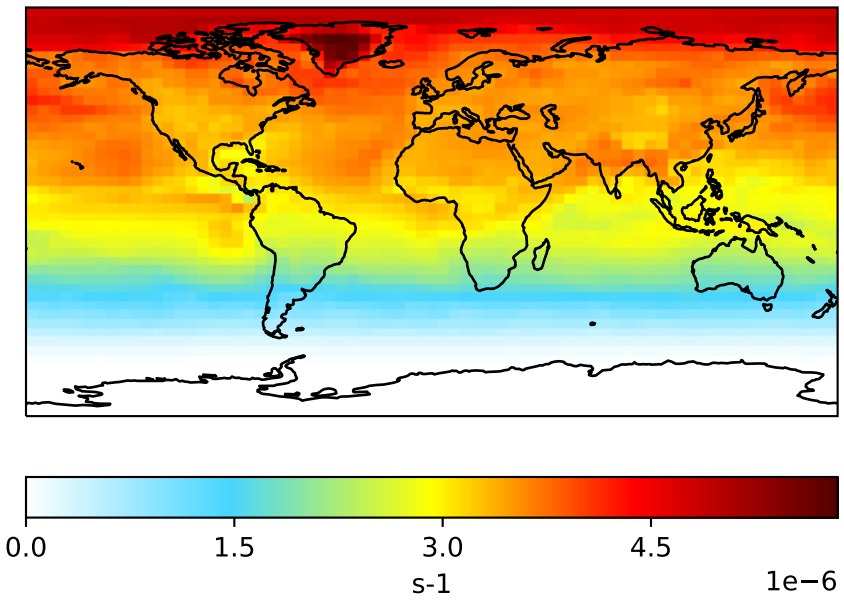


Ratio
Dev/Ref, Fixed Range

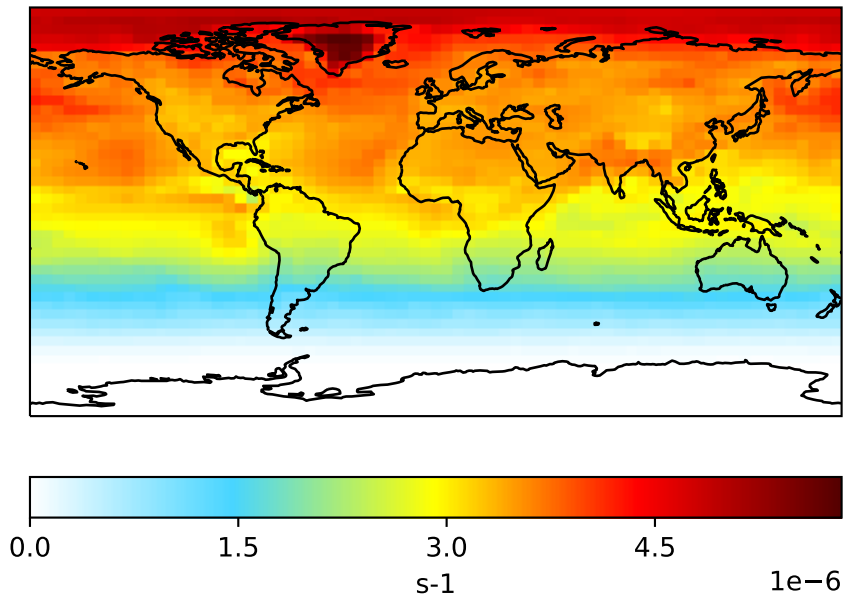


Jval_RIPD

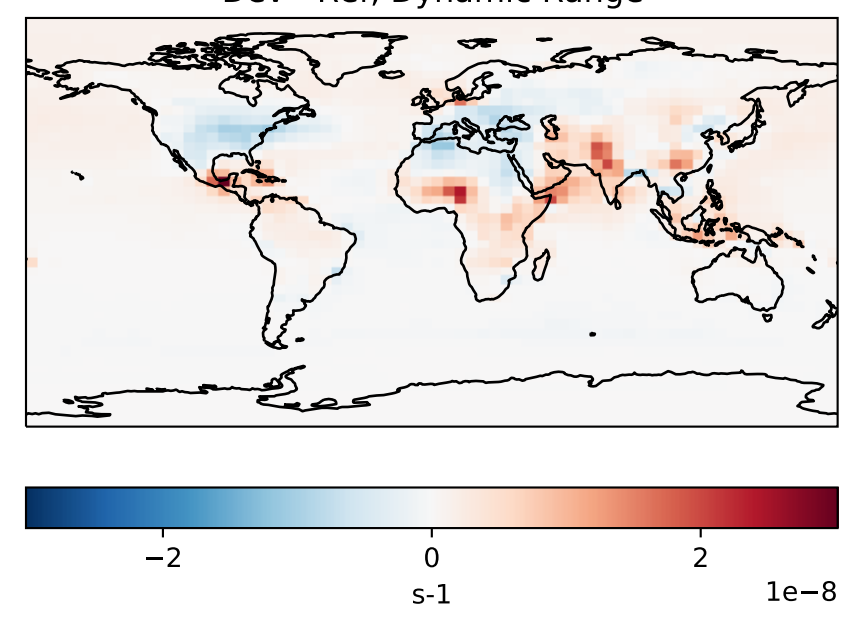
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



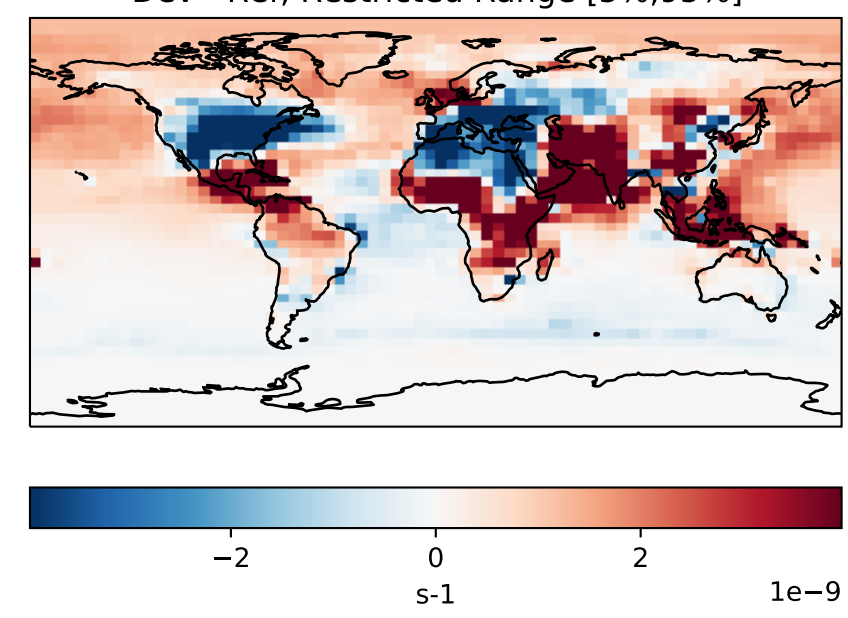
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



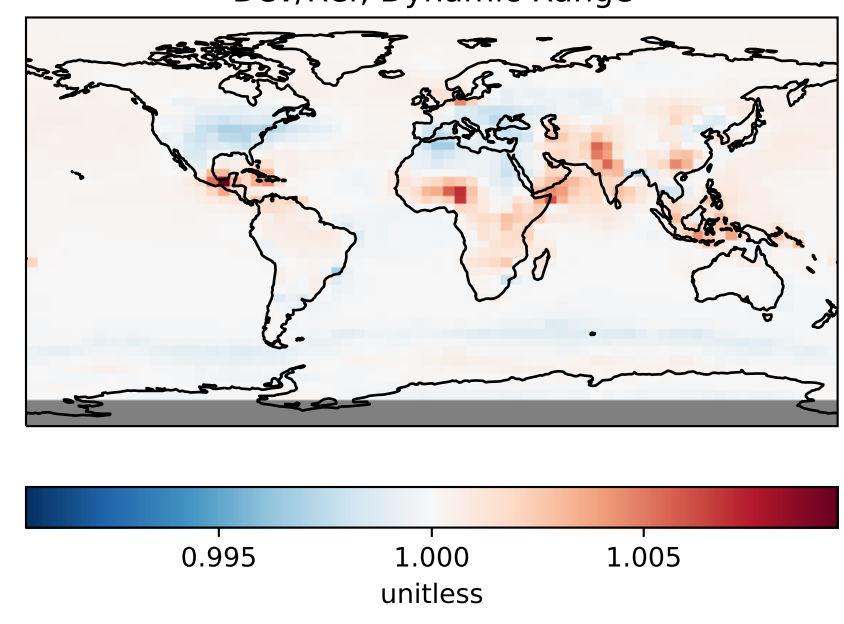
Difference
Dev - Ref, Dynamic Range



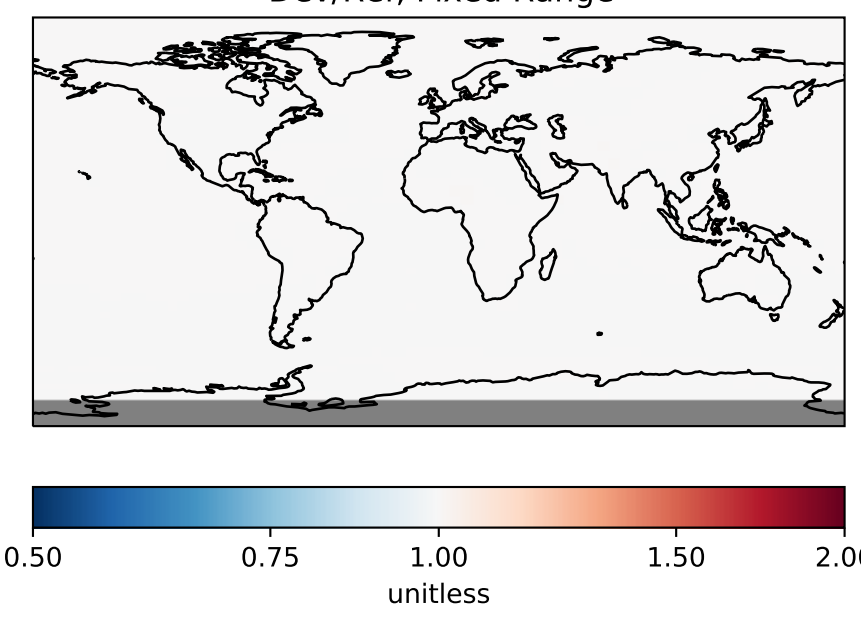
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

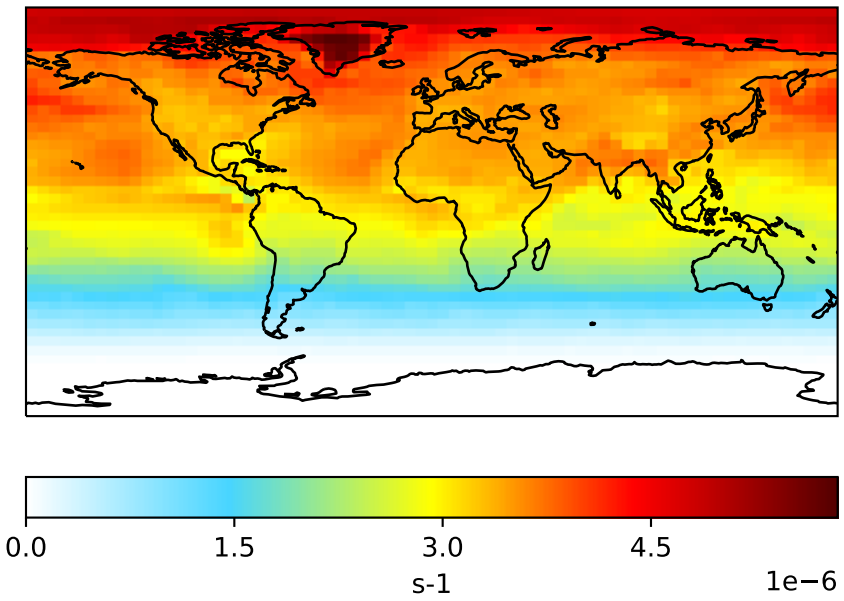


Ratio
Dev/Ref, Fixed Range

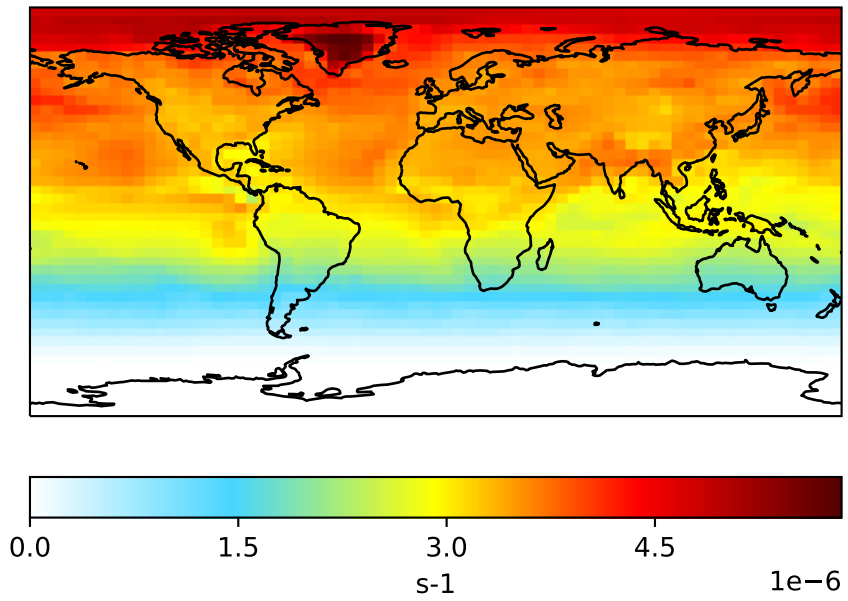


Jval_RP

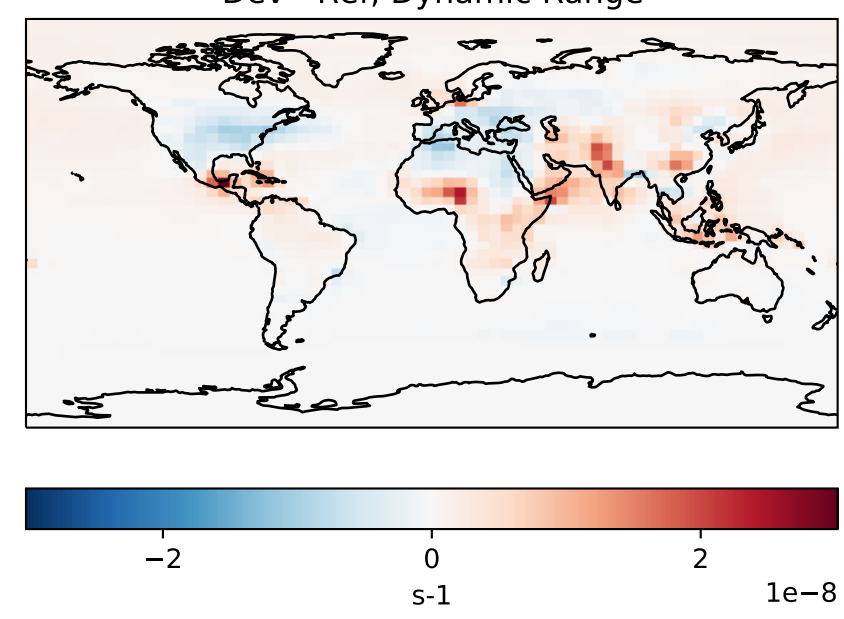
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



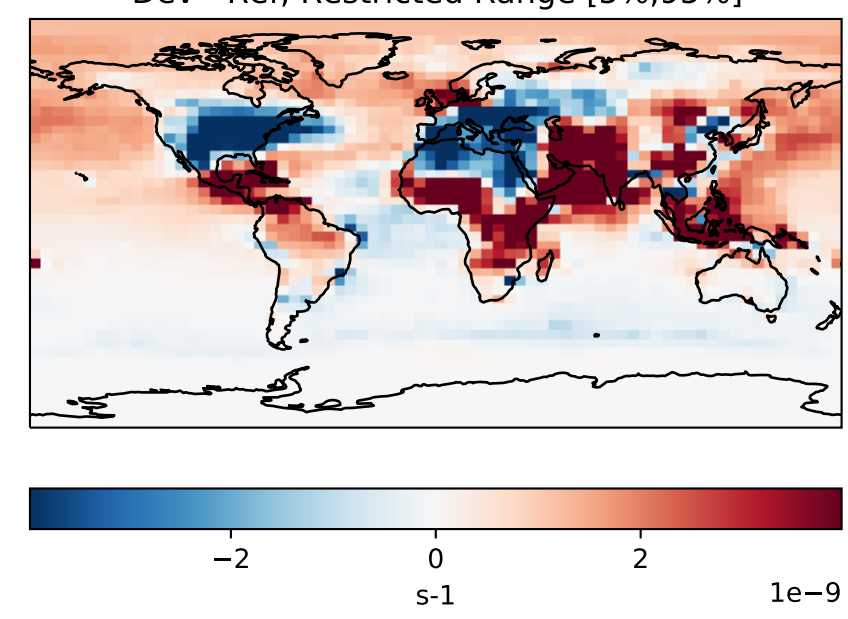
GCC_13.2.0-beta.0 (Dev)
4.0x5.0



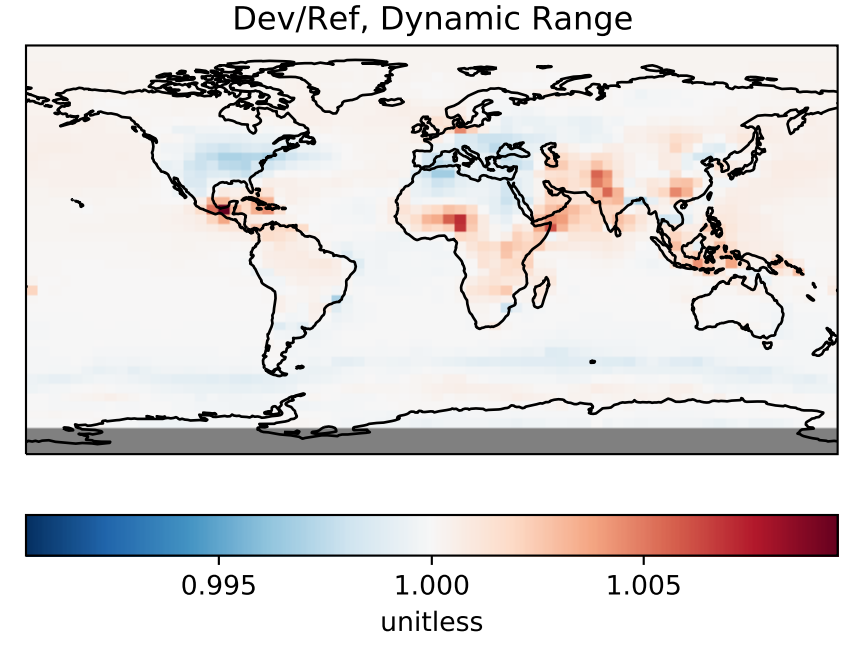
Difference
Dev - Ref, Dynamic Range



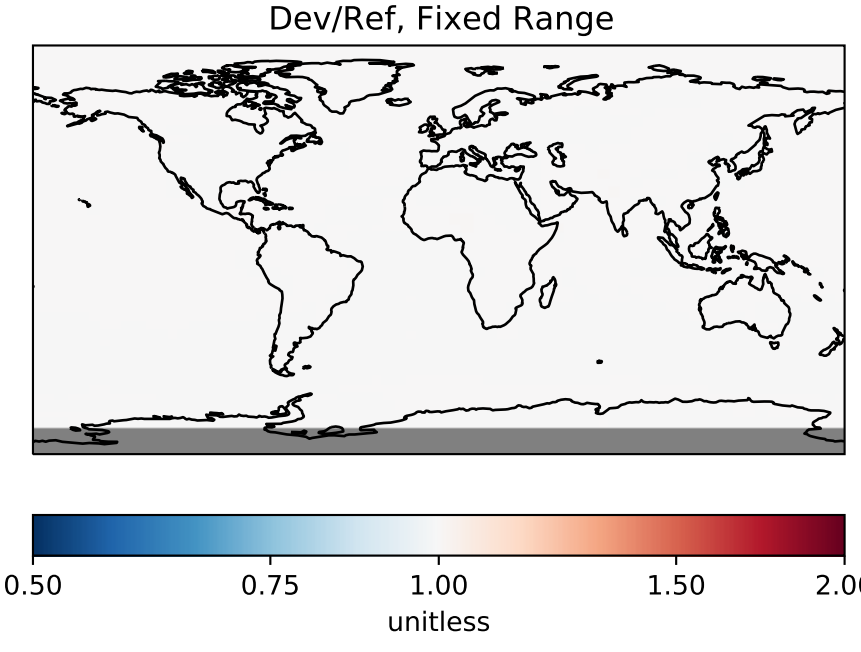
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

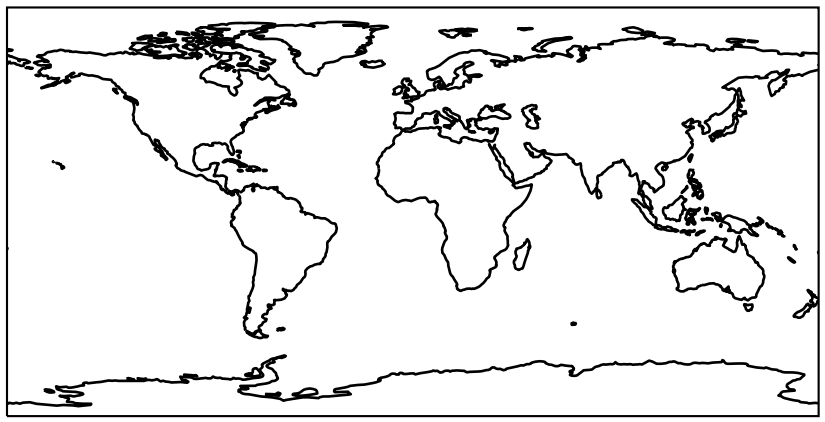


Ratio
Dev/Ref, Fixed Range



Jval_SO4

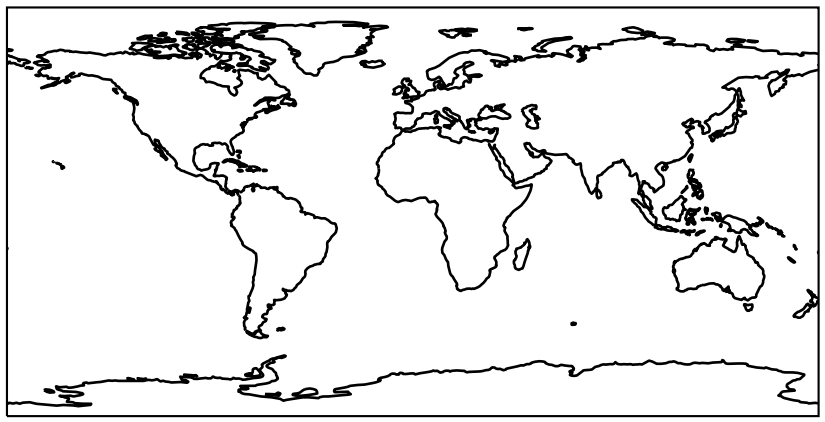
GCC_13.1.0-beta.1 (Ref)
4.0x5.0





Zero throughout domain
s-1

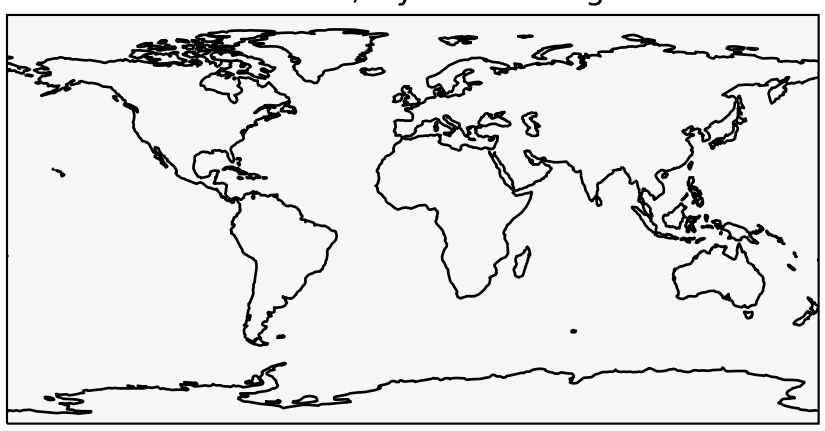
GCC_13.2.0-beta.0 (Dev)
4.0x5.0





Zero throughout domain
s-1

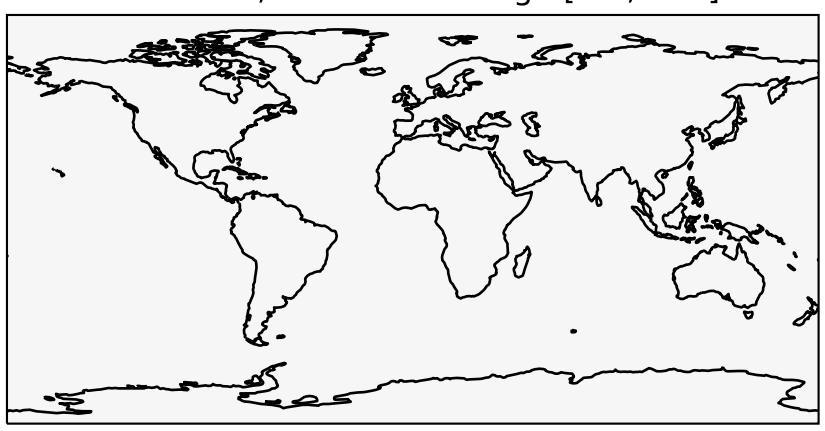
Difference
Dev - Ref, Dynamic Range





Zero throughout domain
s-1

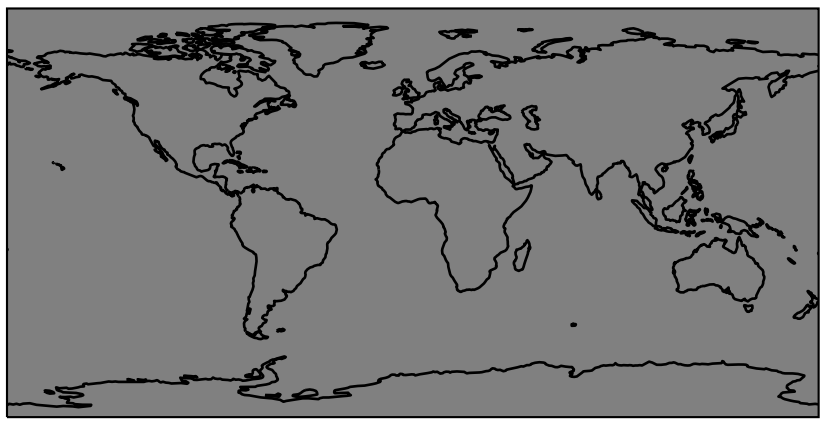
Difference
Dev - Ref, Restricted Range [5%,95%]





Zero throughout domain
s-1

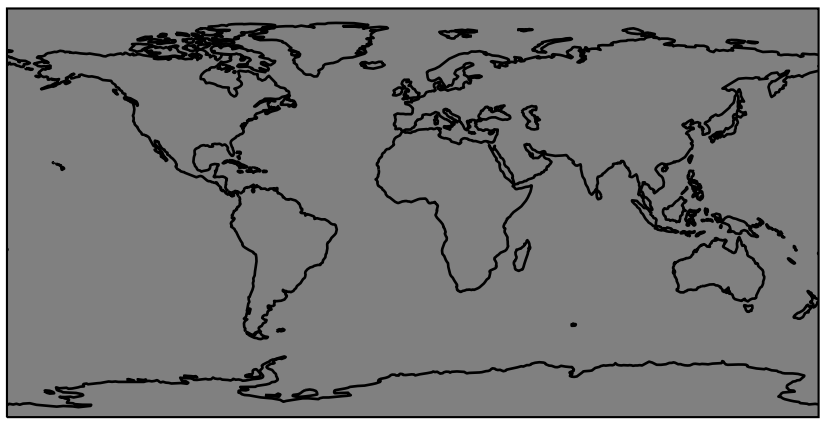
Ratio
Dev/Ref, Dynamic Range





Undefined throughout domain
unitless

Ratio
Dev/Ref, Fixed Range





Undefined throughout domain
unitless