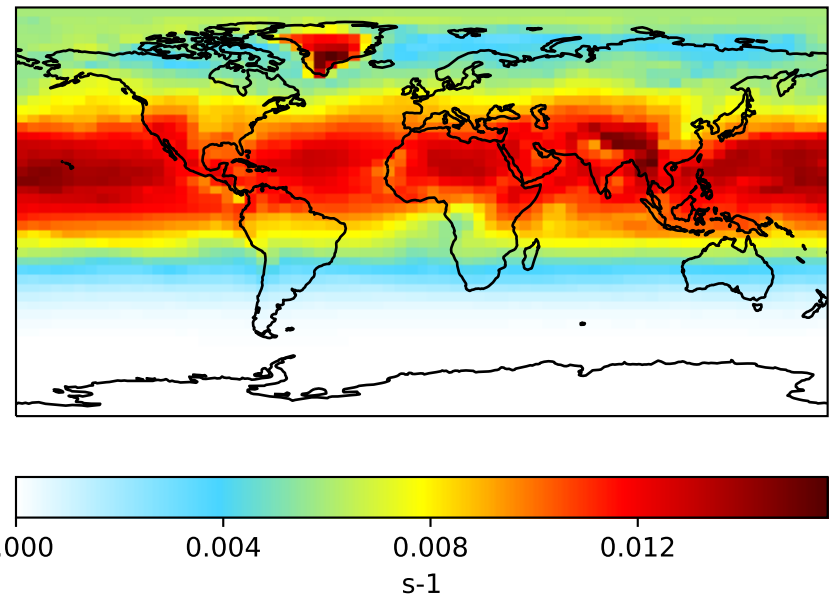
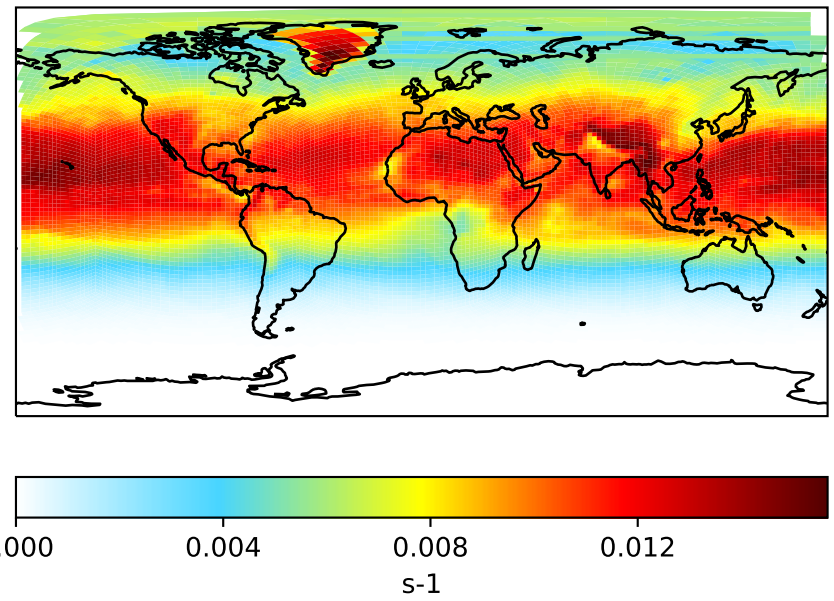
JvalO3O1D

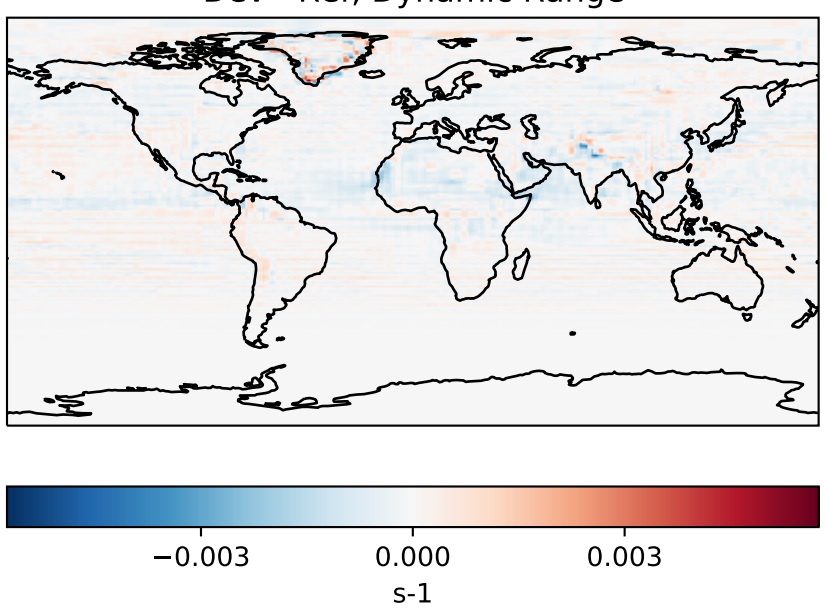
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



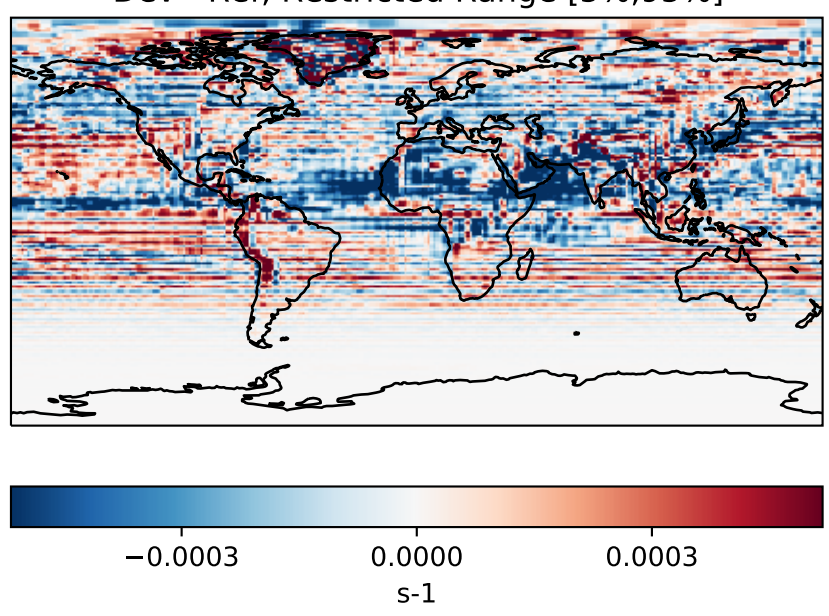
GCHP_13.1.0-beta.1 (Dev)
c48



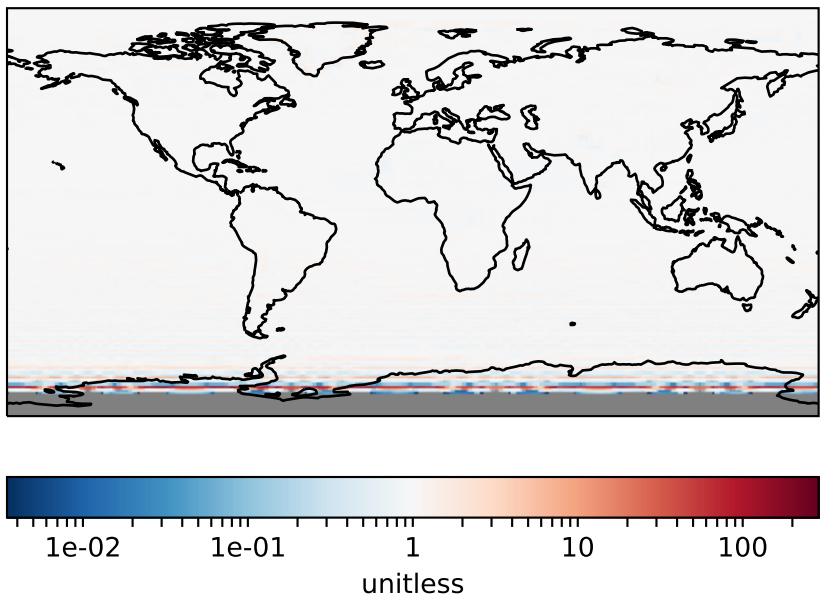
Difference (1x1.25)
Dev - Ref, Dynamic Range



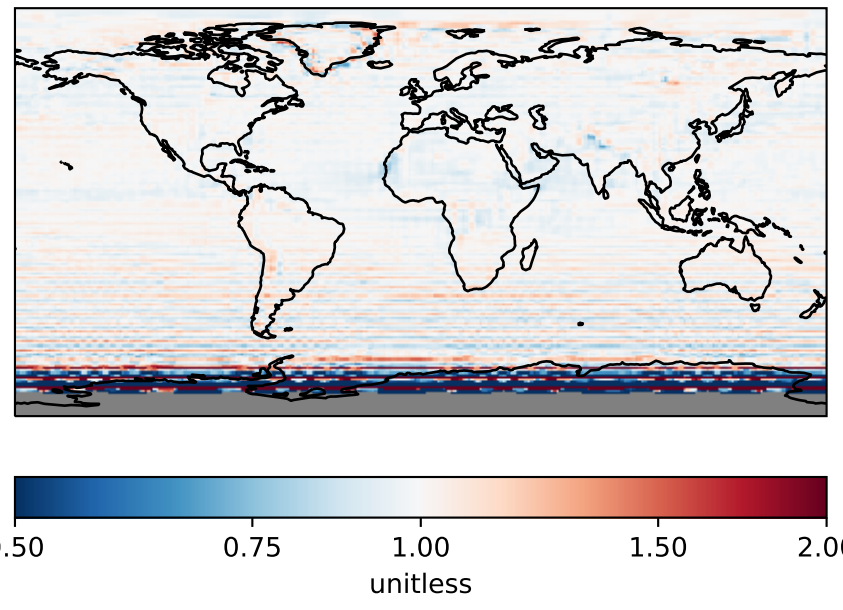
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

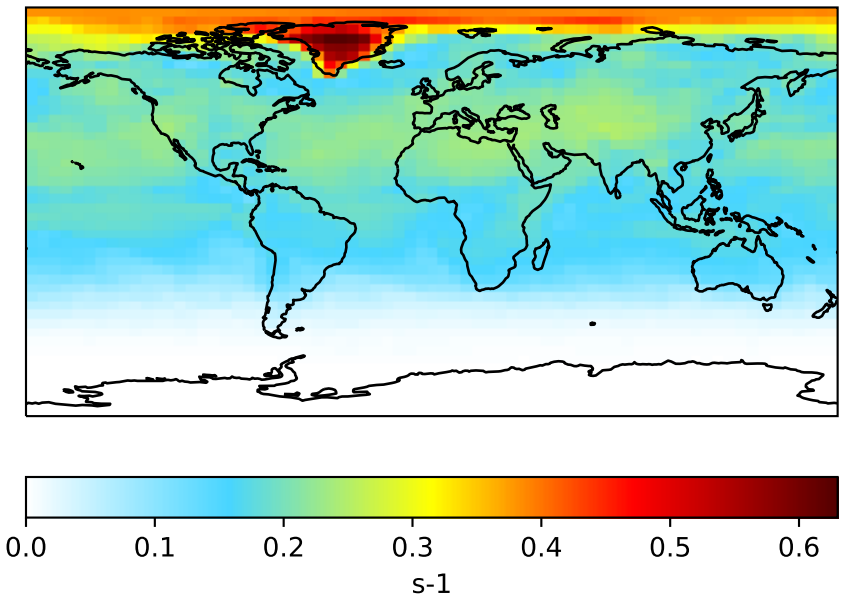


Ratio (1x1.25)
Dev/Ref, Fixed Range

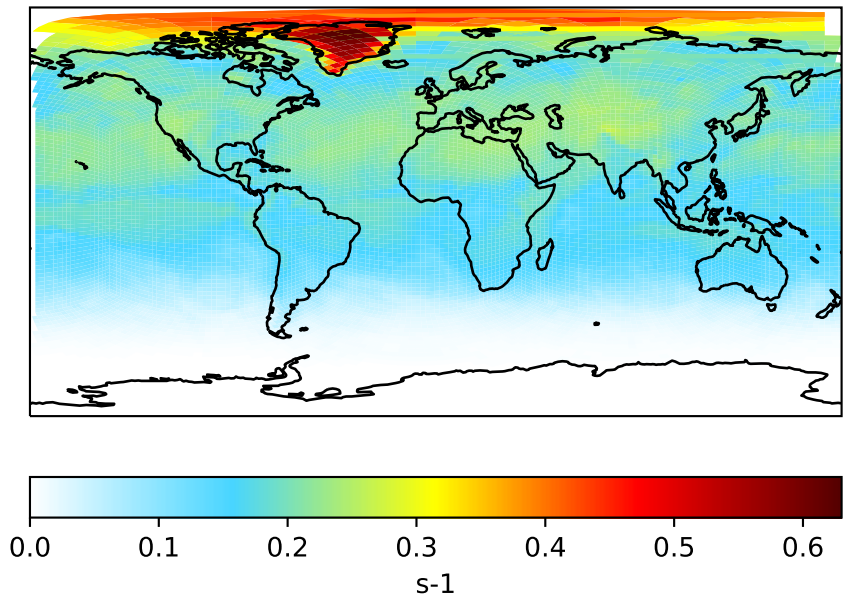


JvalO3O3P

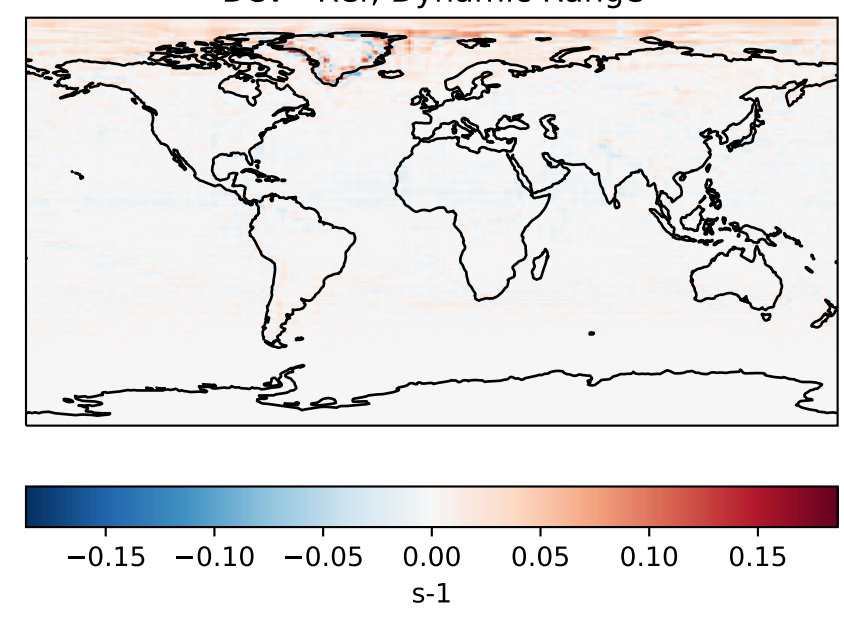
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



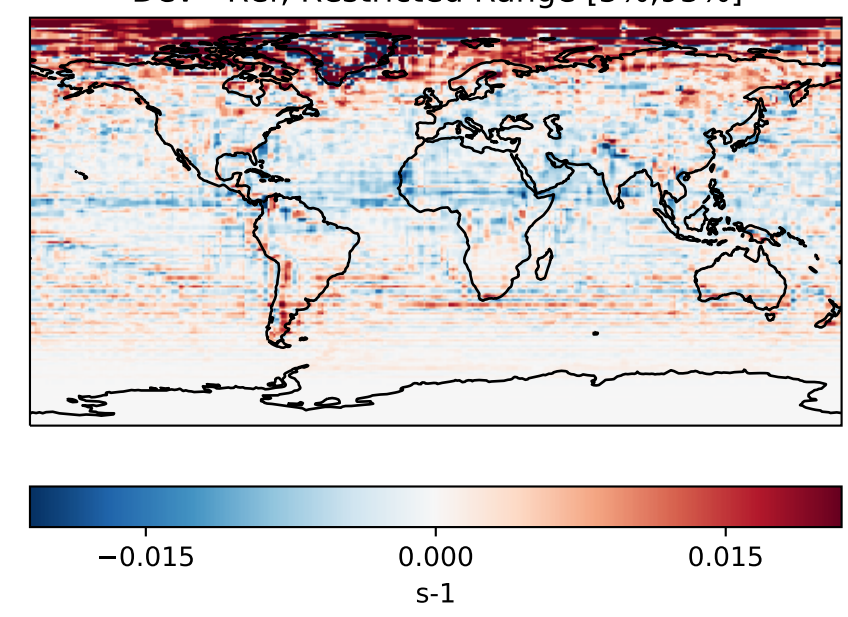
GCHP_13.1.0-beta.1 (Dev)
c48



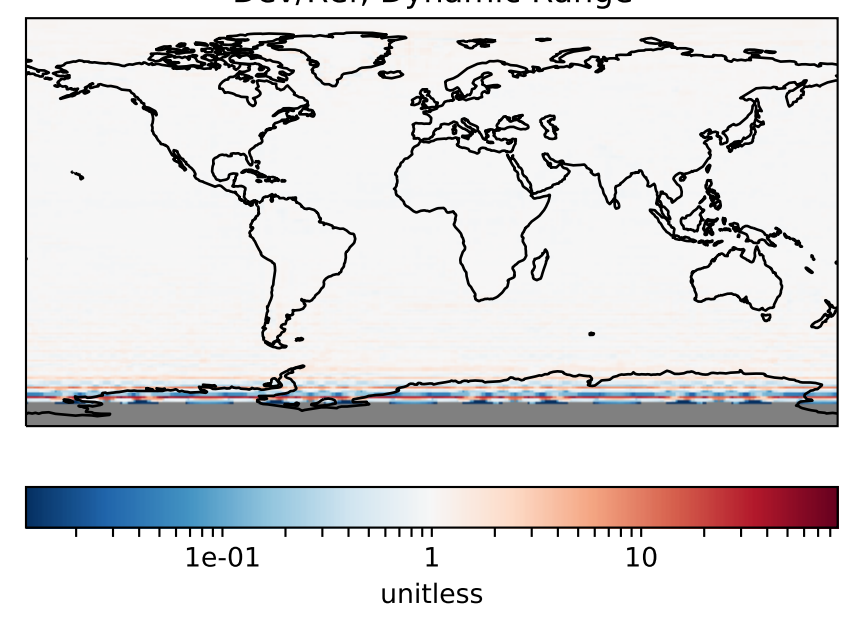
Difference (1x1.25)
Dev - Ref, Dynamic Range



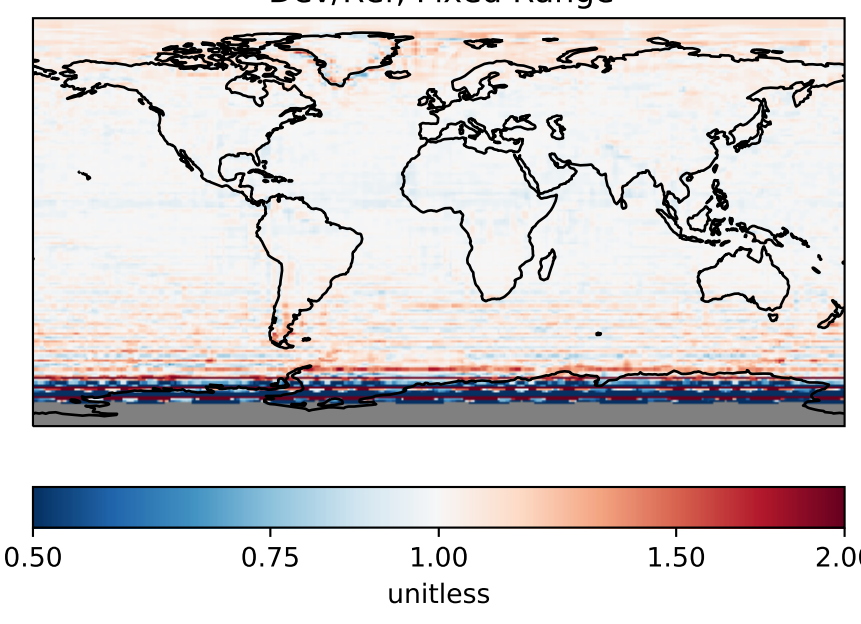
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

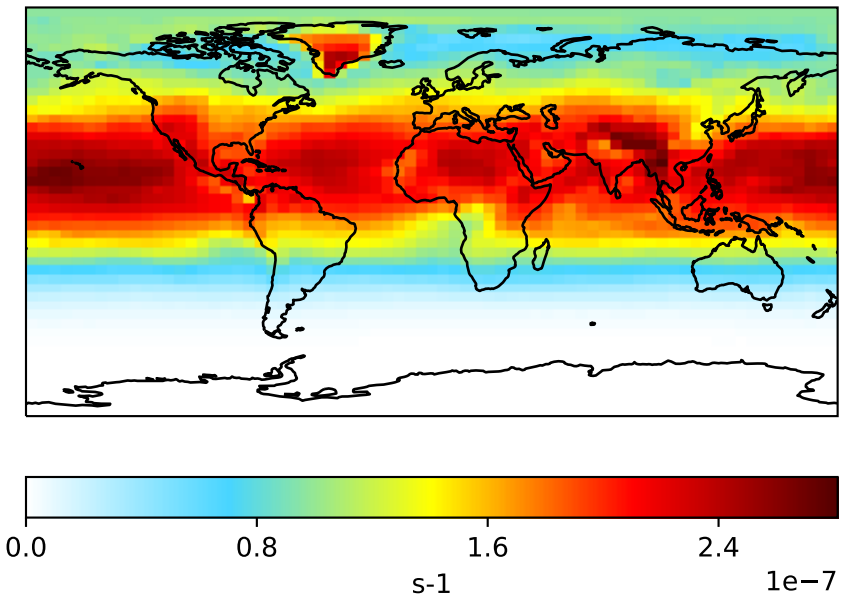


Ratio (1x1.25)
Dev/Ref, Fixed Range

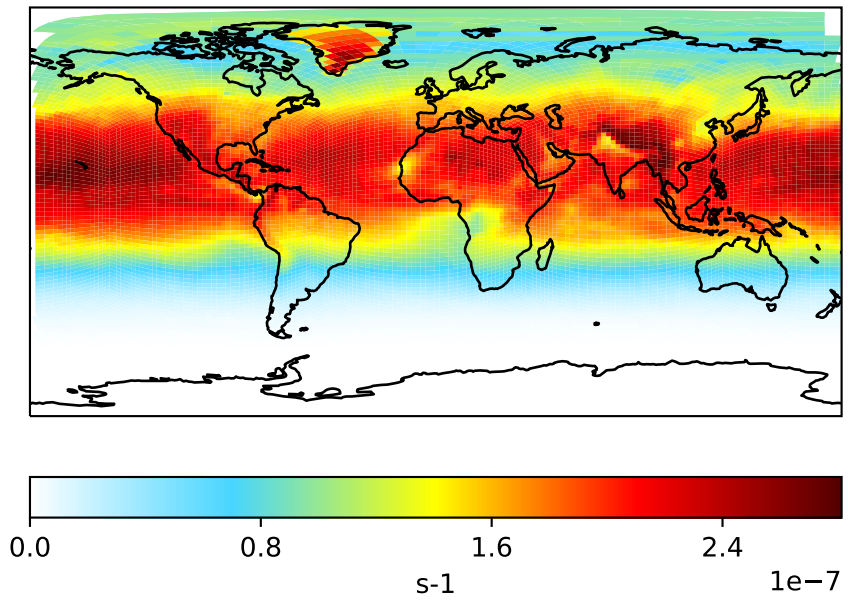


Jval_ACET

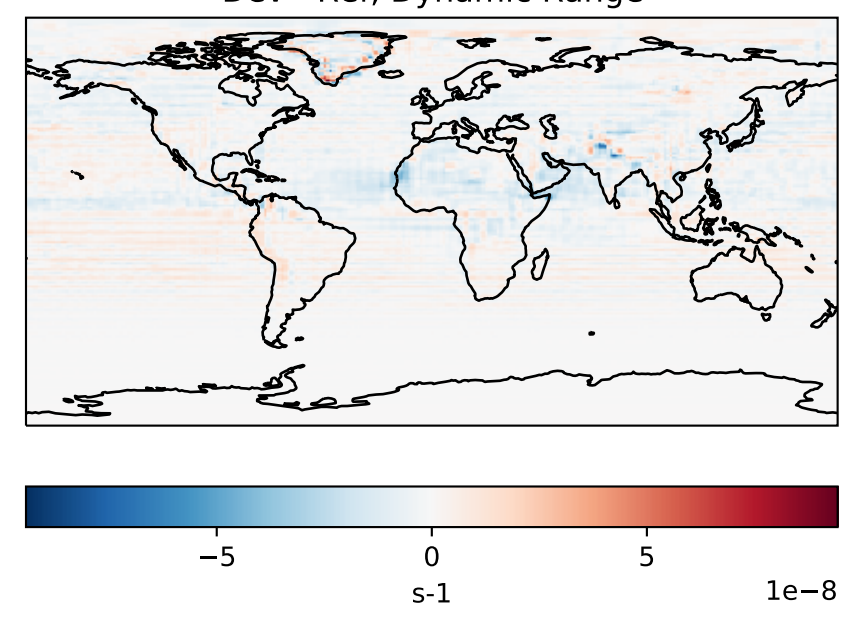
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



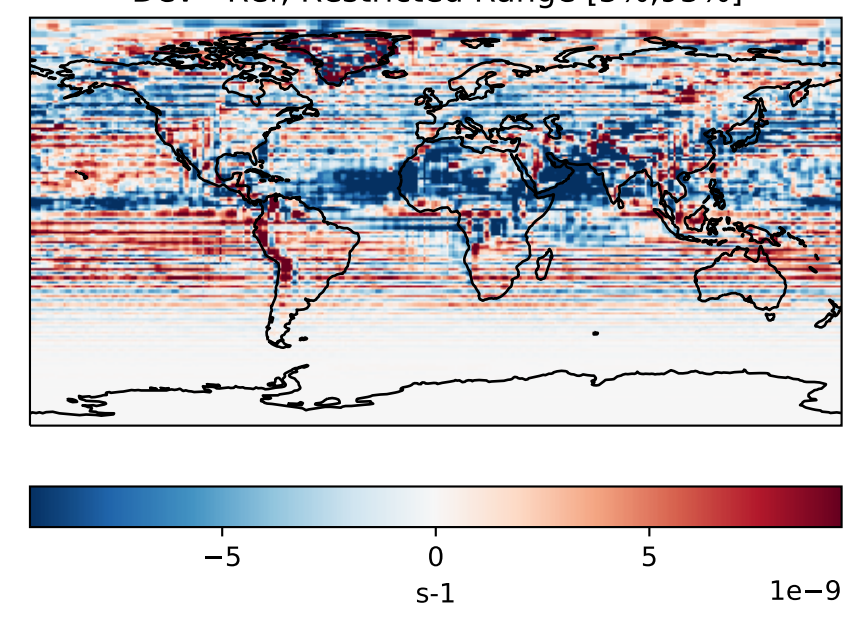
GCHP_13.1.0-beta.1 (Dev)
c48



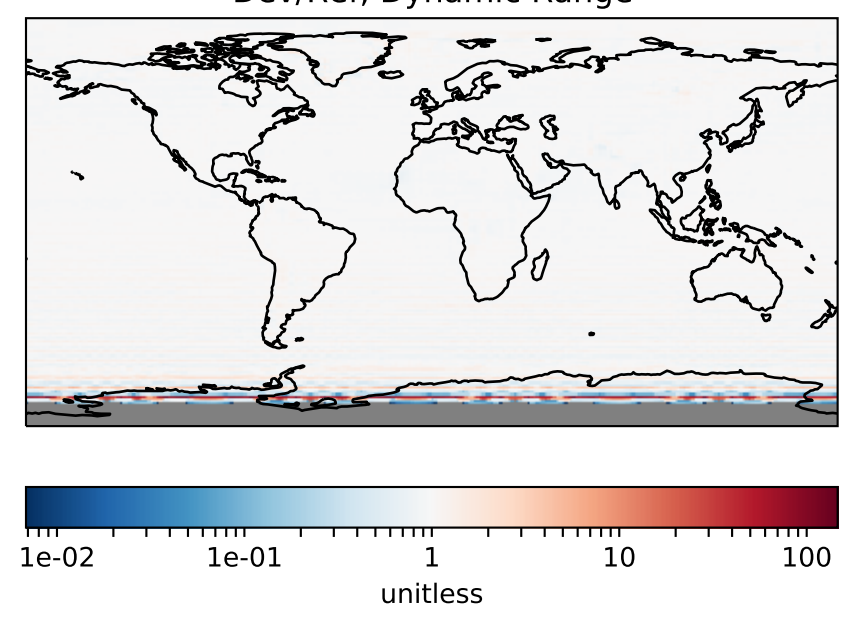
Difference (1x1.25)
Dev - Ref, Dynamic Range



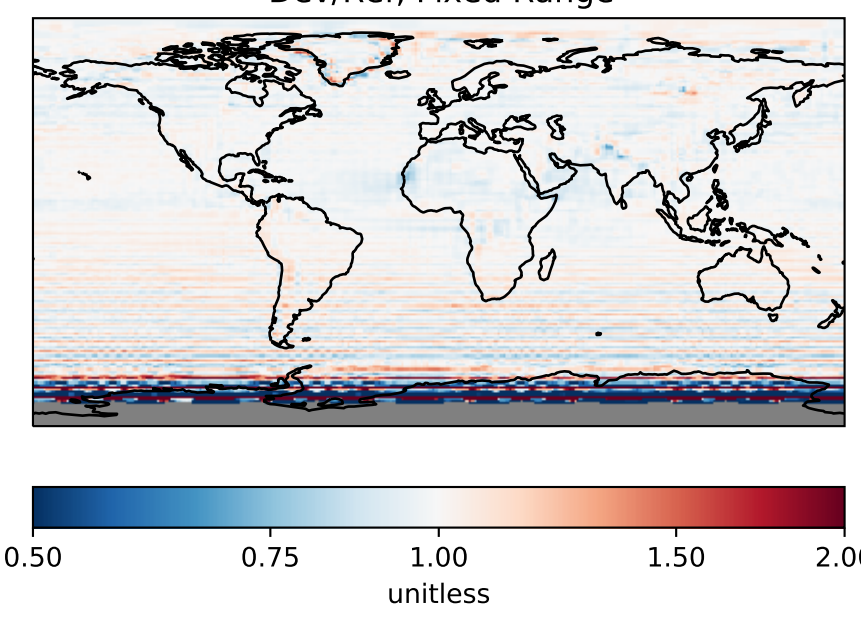
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

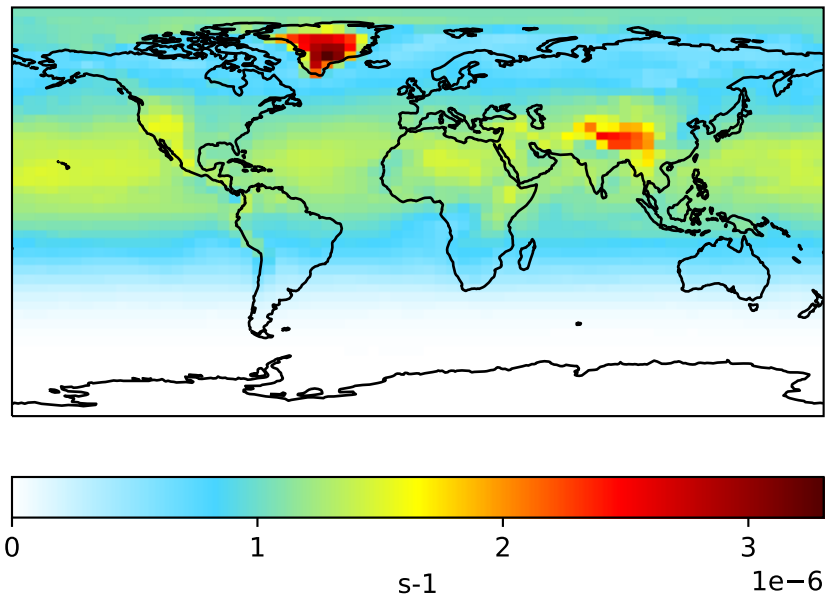


Ratio (1x1.25)
Dev/Ref, Fixed Range

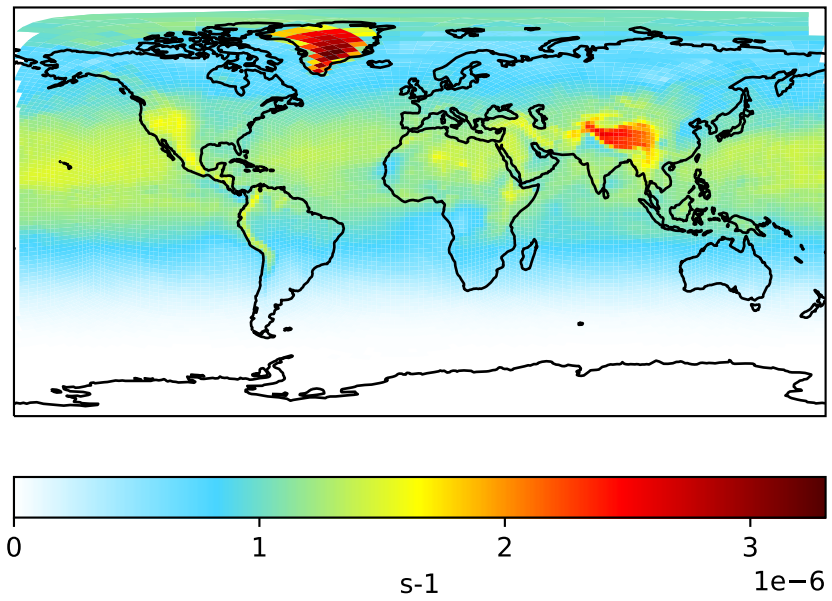


Jval_ALD2

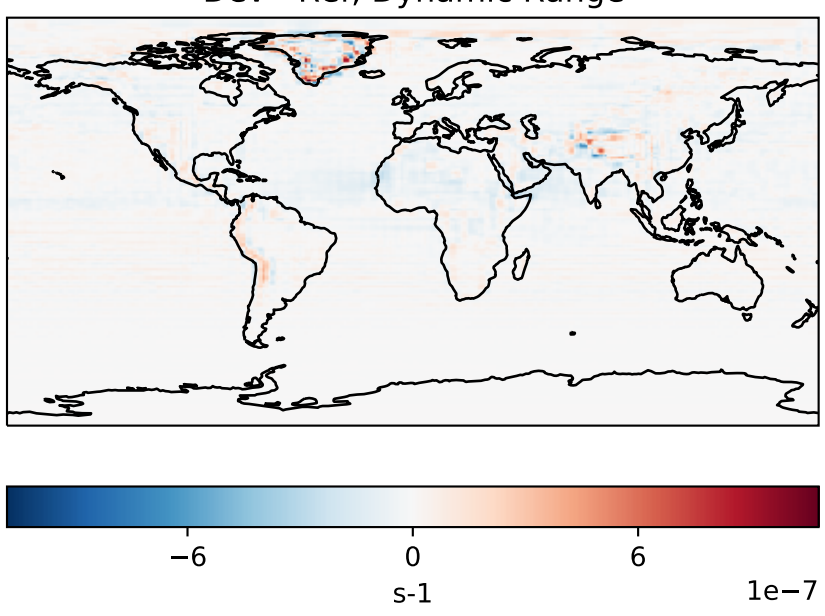
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



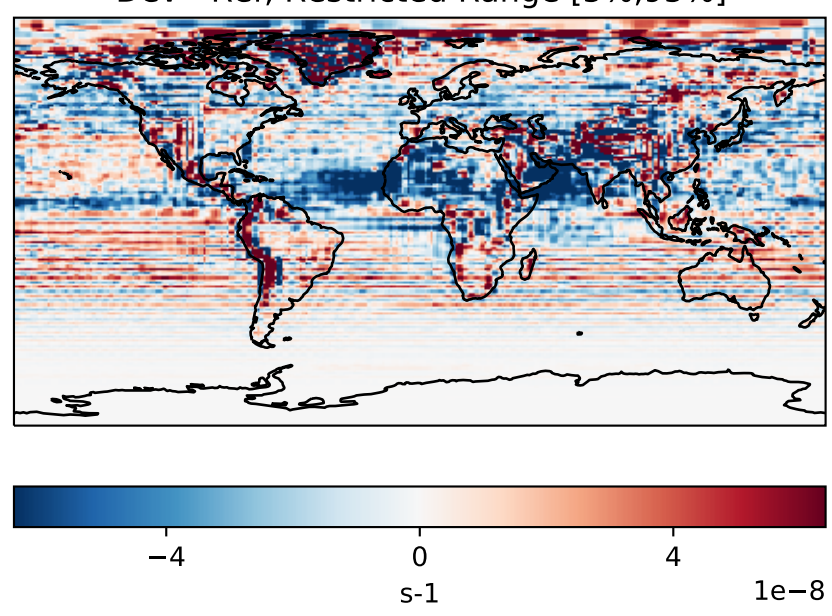
GCHP_13.1.0-beta.1 (Dev)
c48



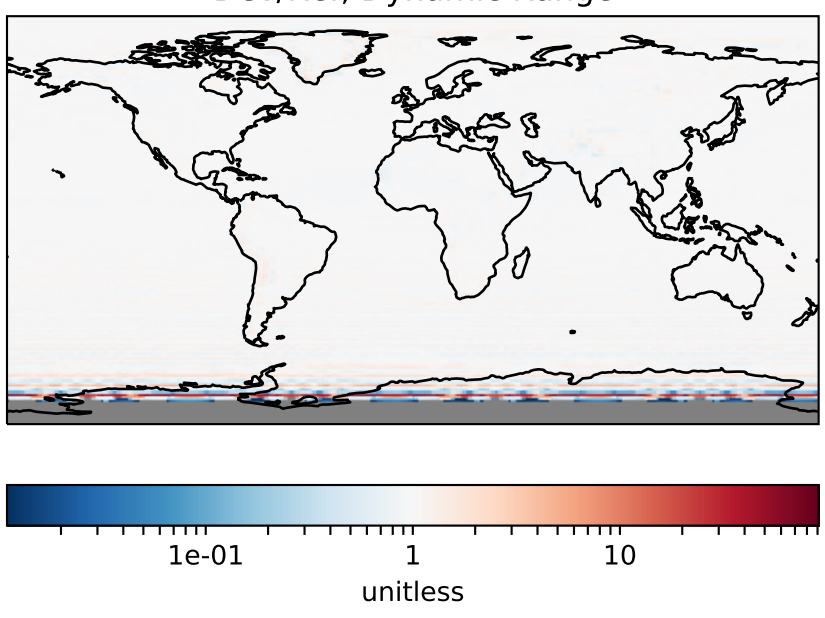
Difference (1x1.25)
Dev - Ref, Dynamic Range



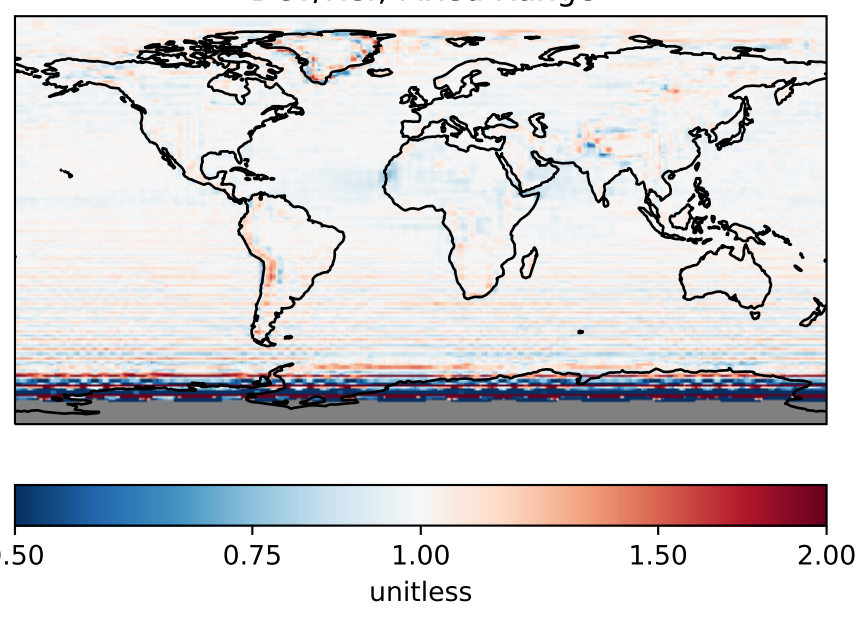
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

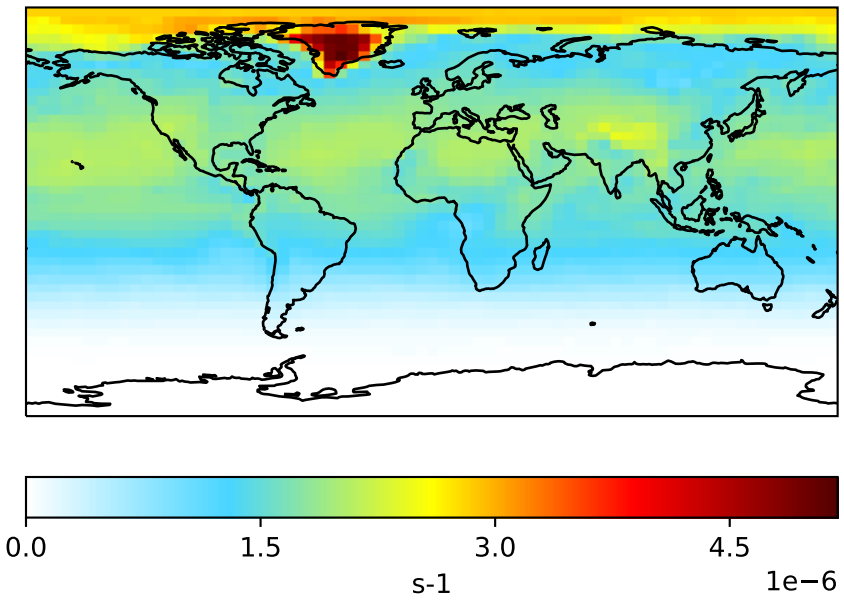


Ratio (1x1.25)
Dev/Ref, Fixed Range

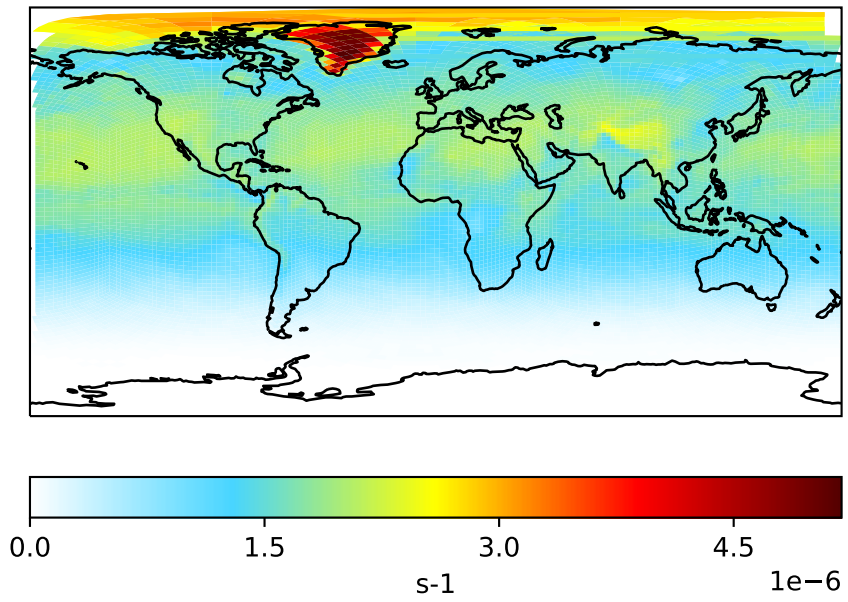


Jval_ATOOH

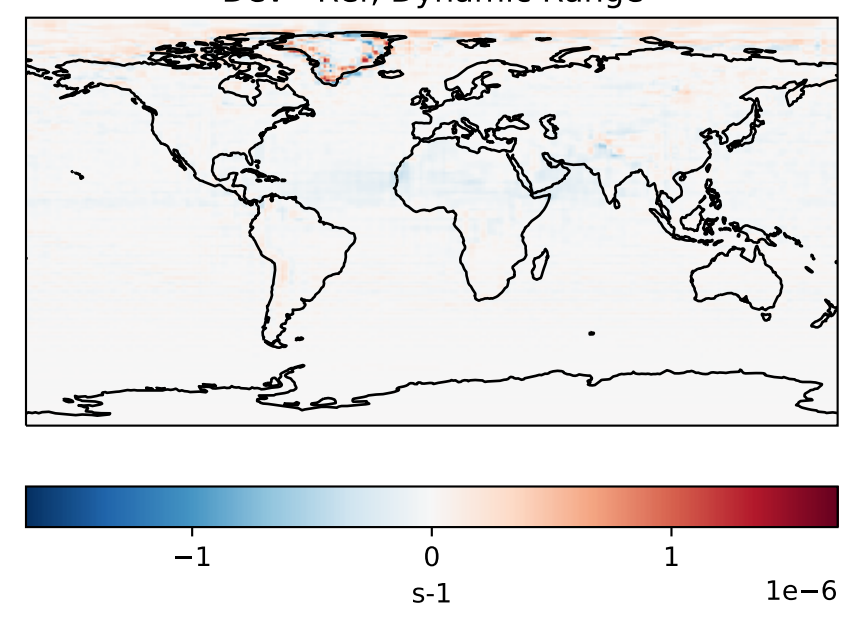
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



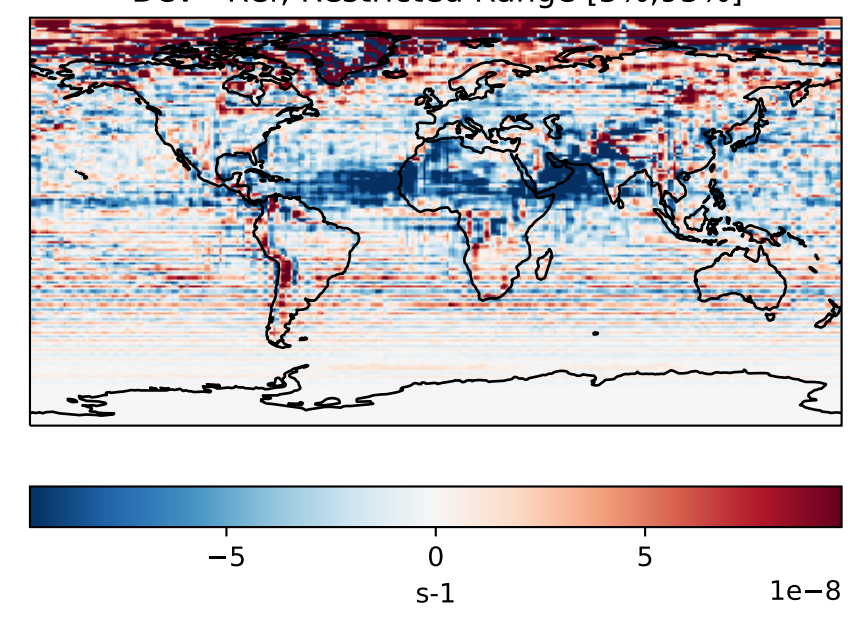
GCHP_13.1.0-beta.1 (Dev)
c48



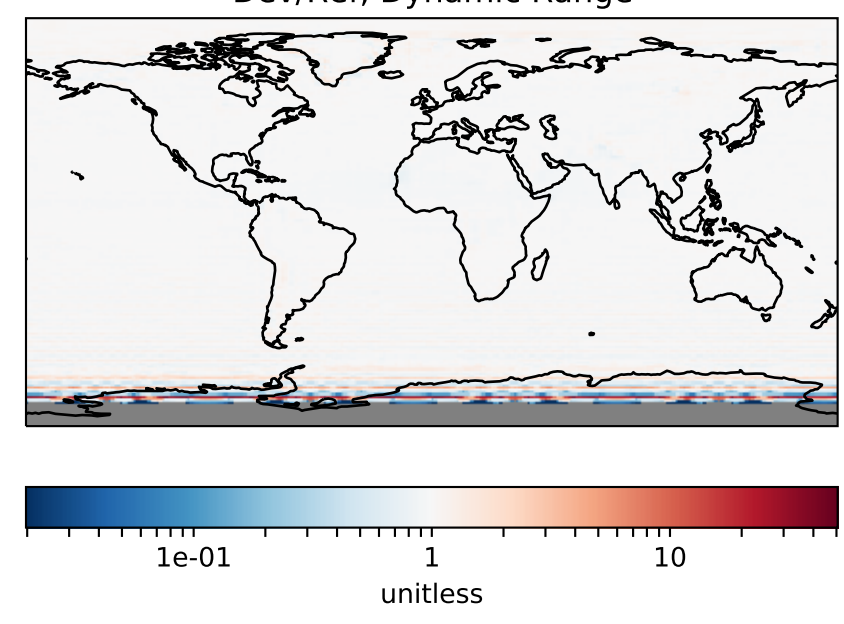
Difference (1x1.25)
Dev - Ref, Dynamic Range



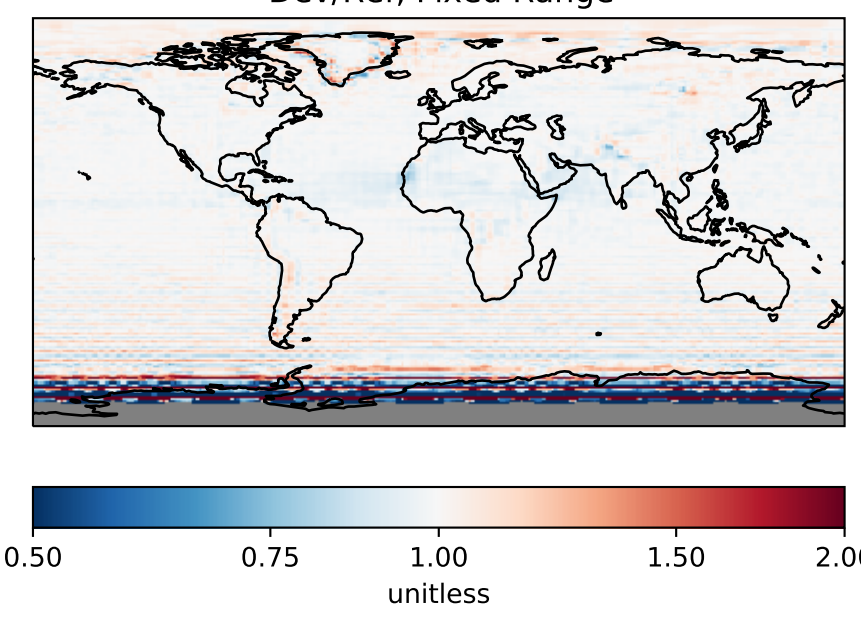
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

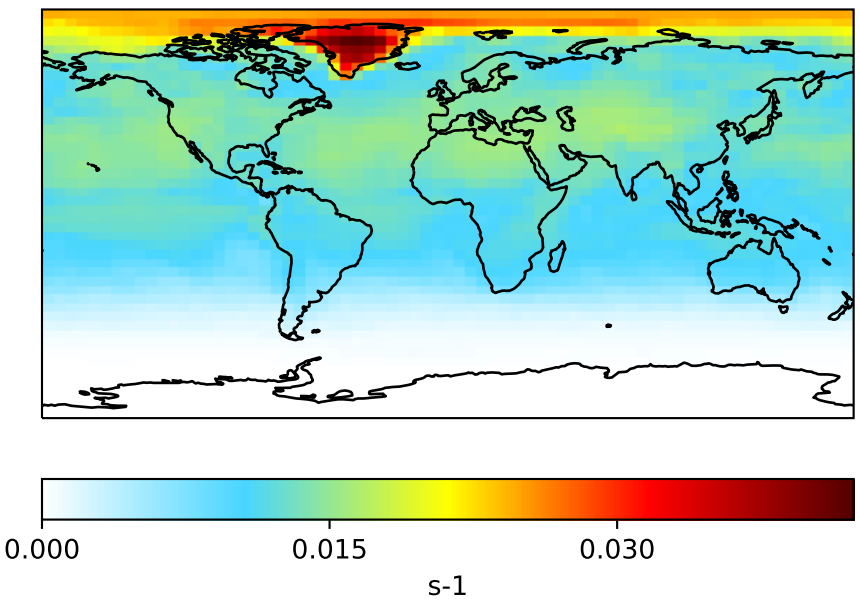


Ratio (1x1.25)
Dev/Ref, Fixed Range

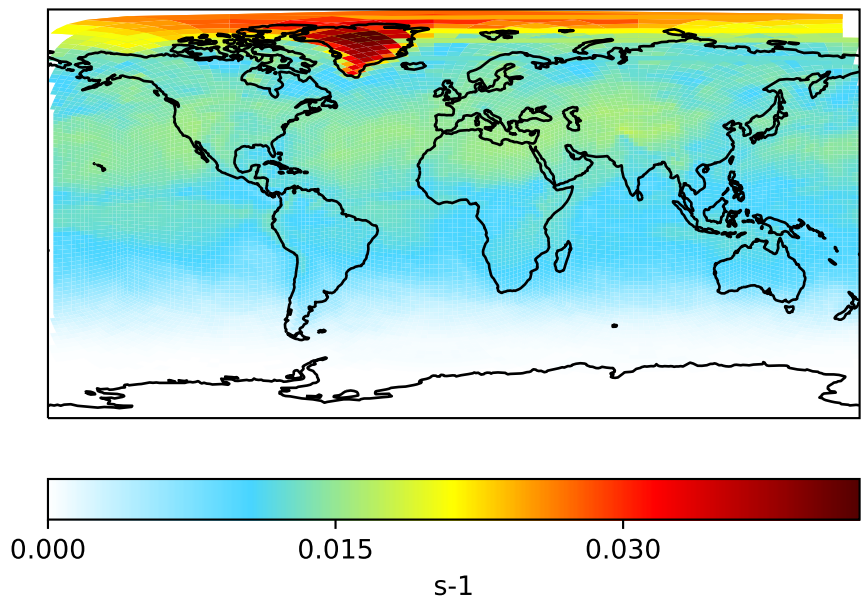


Jval_Br2

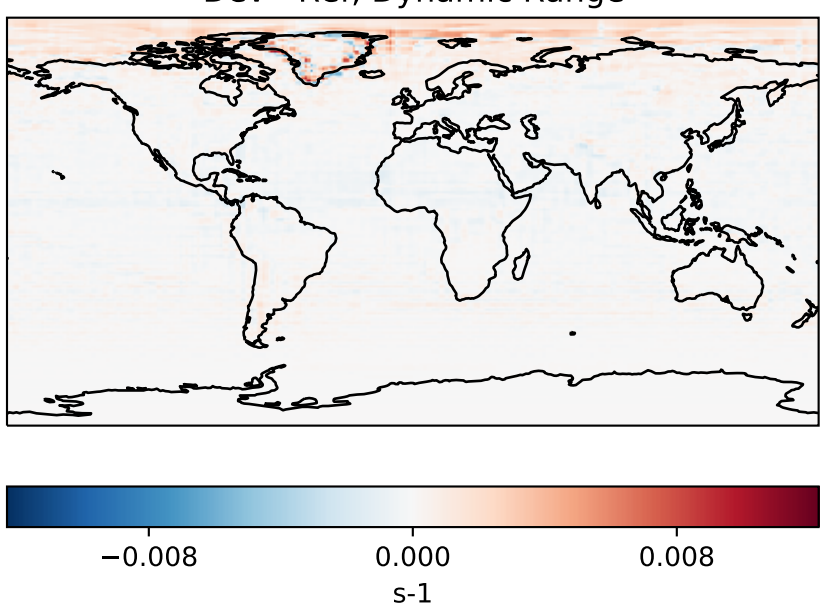
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



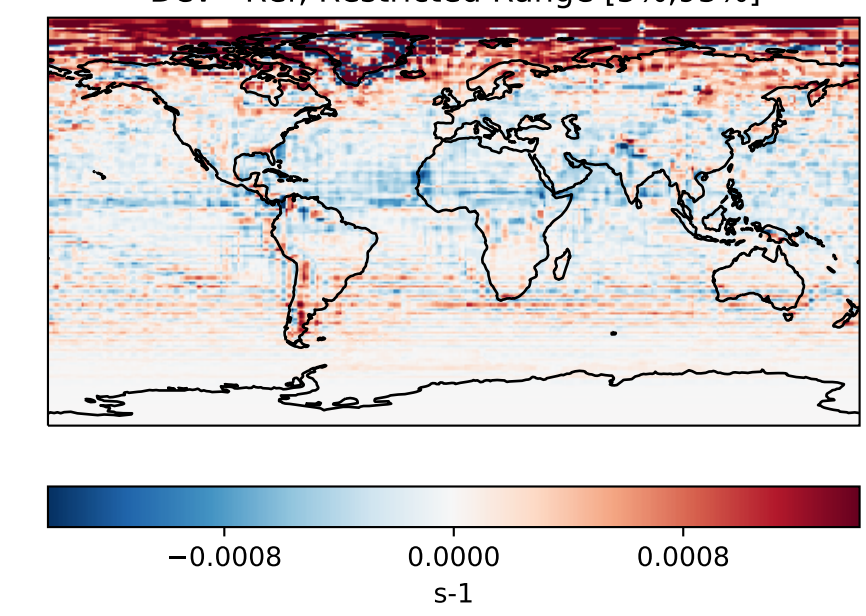
GCHP_13.1.0-beta.1 (Dev)
c48



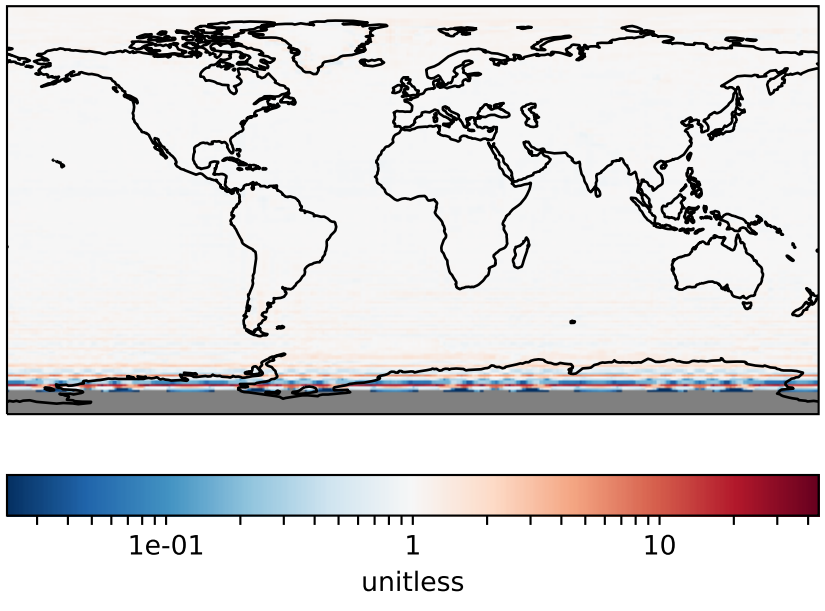
Difference (1x1.25)
Dev - Ref, Dynamic Range



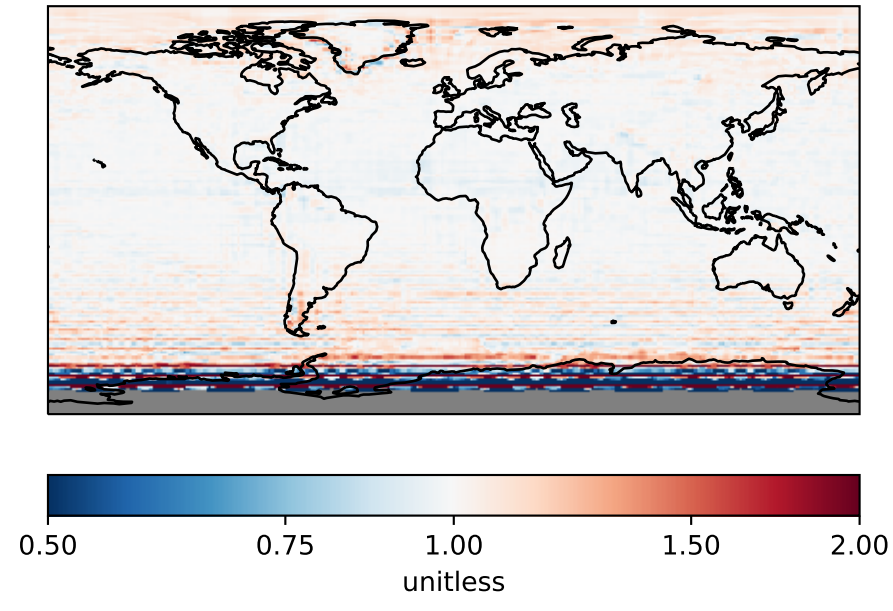
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

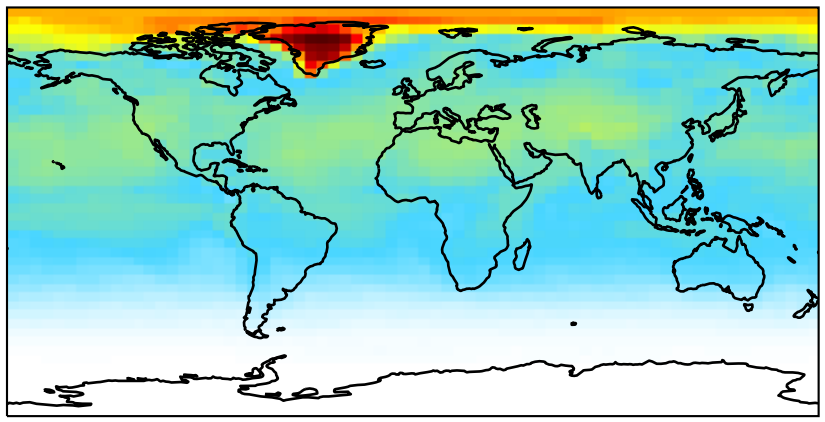


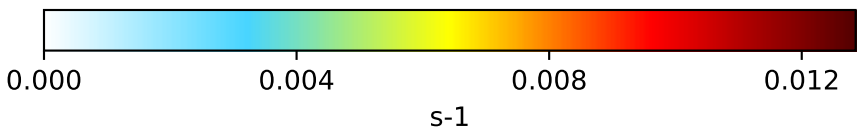
Ratio (1x1.25)
Dev/Ref, Fixed Range



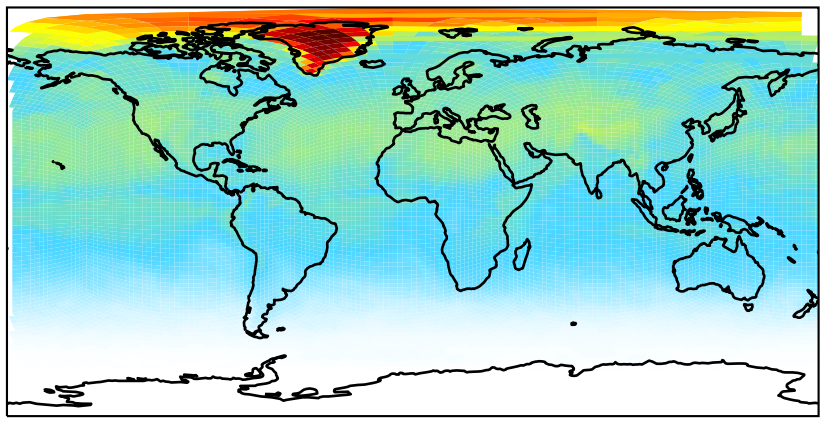
Jval_BrCl

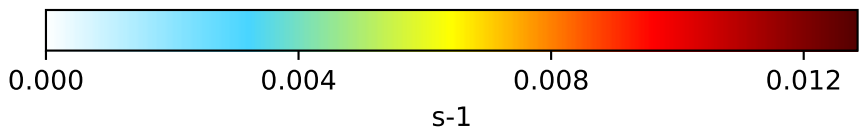
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



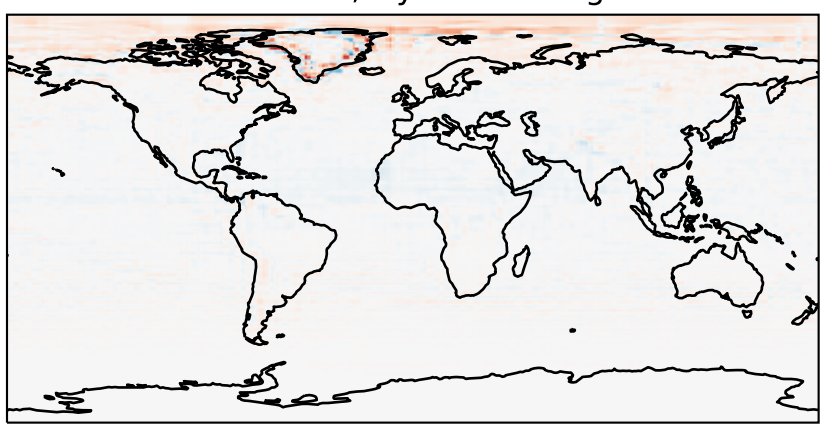


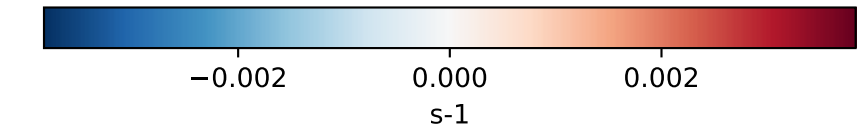
GCHP_13.1.0-beta.1 (Dev)
c48



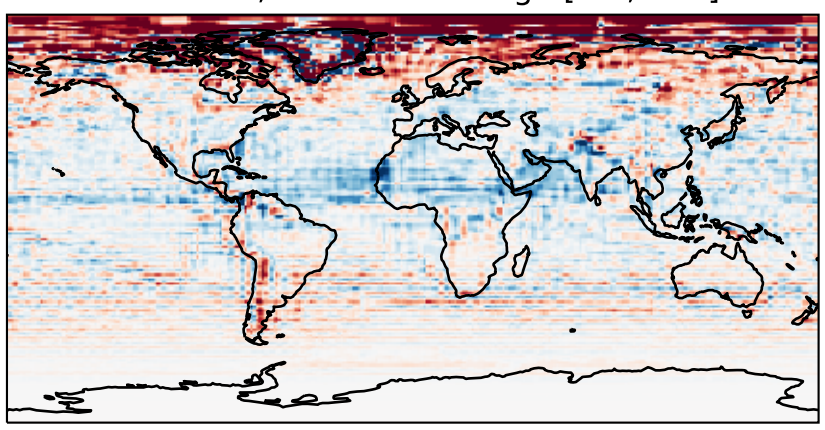


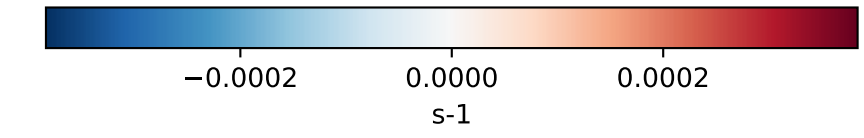
Difference (1x1.25)
Dev - Ref, Dynamic Range



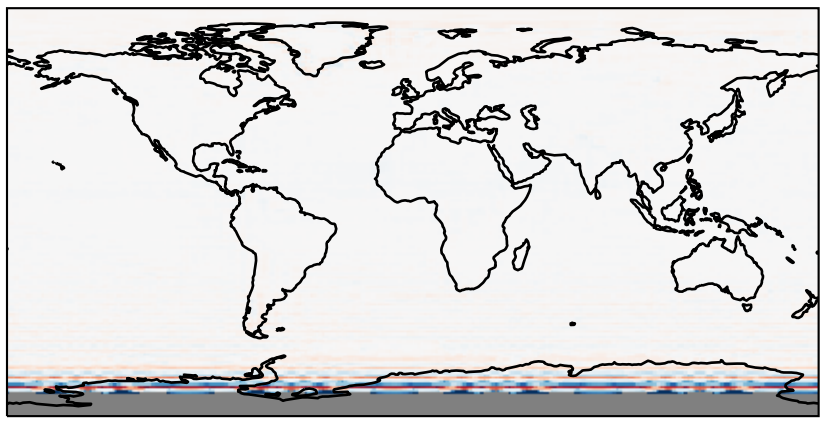


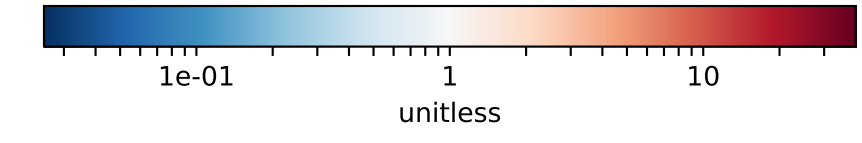
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



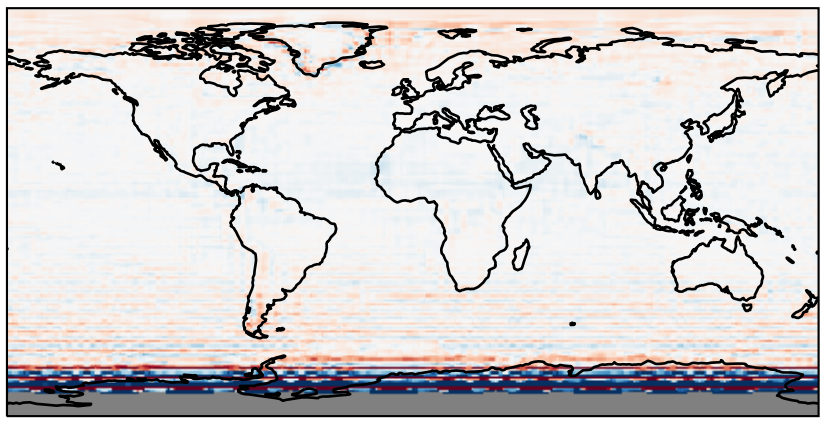


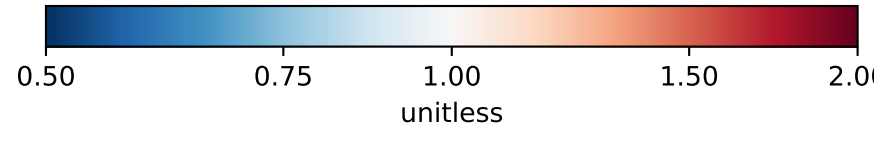
Ratio (1x1.25)
Dev/Ref, Dynamic Range





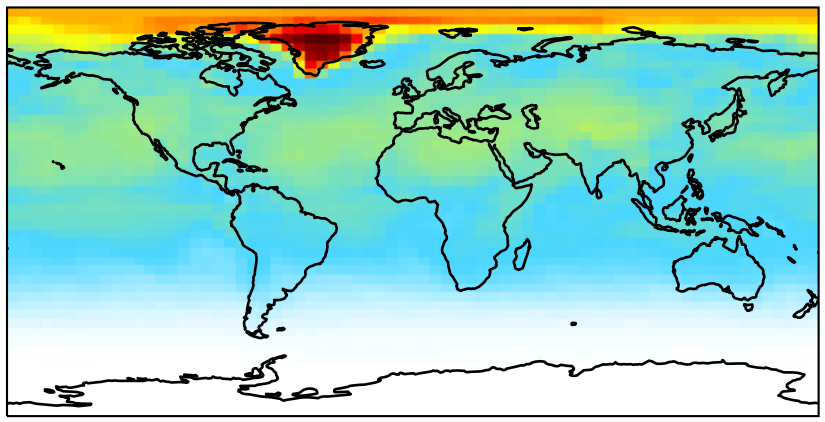
Ratio (1x1.25)
Dev/Ref, Fixed Range

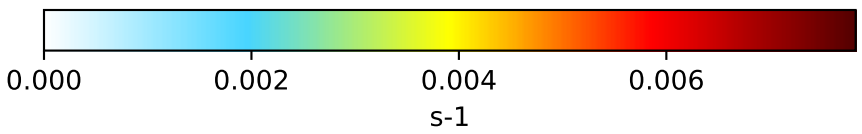




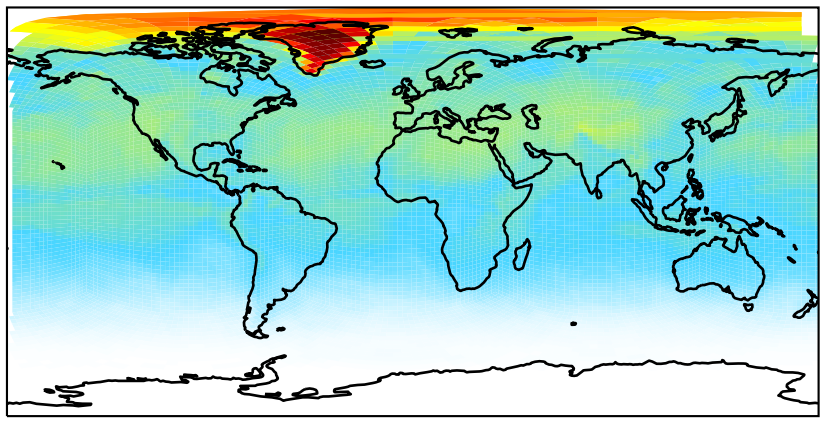
Jval_BrNO2

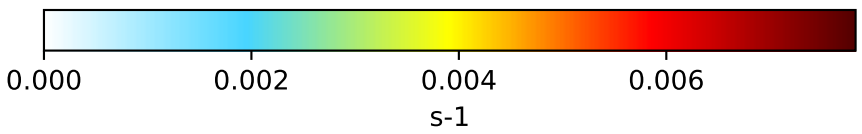
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



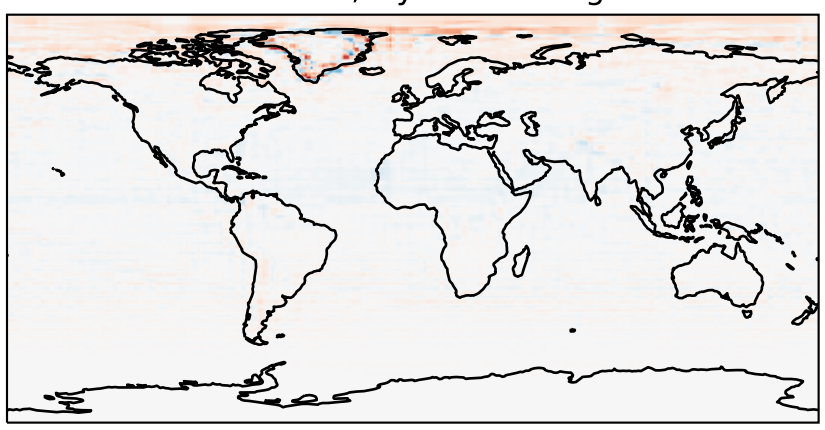


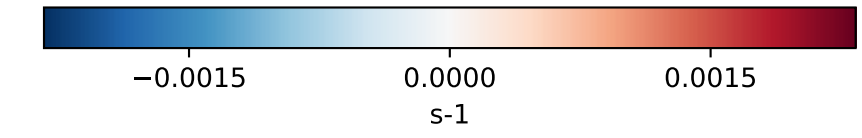
GCHP_13.1.0-beta.1 (Dev)
c48



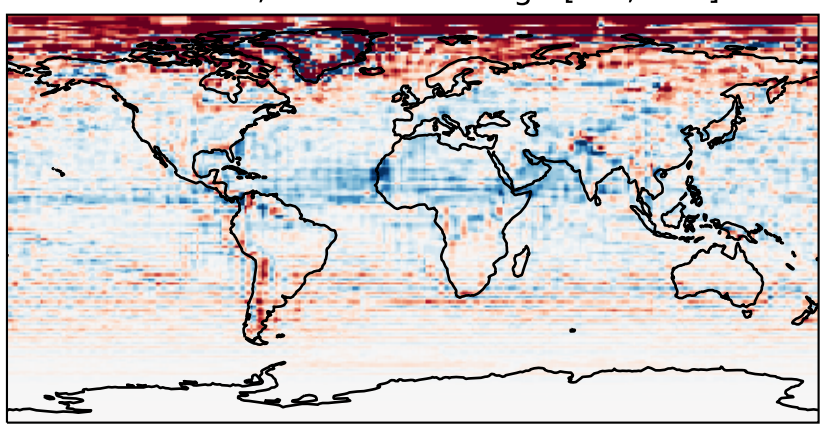


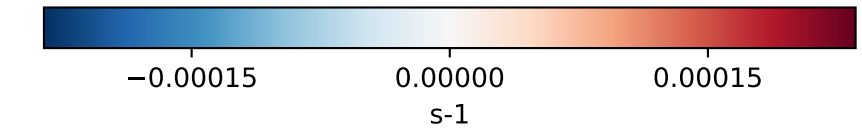
Difference (1x1.25)
Dev - Ref, Dynamic Range



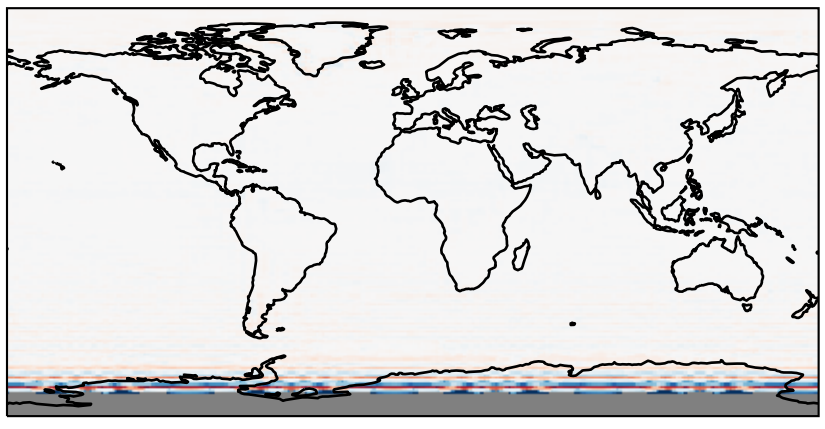


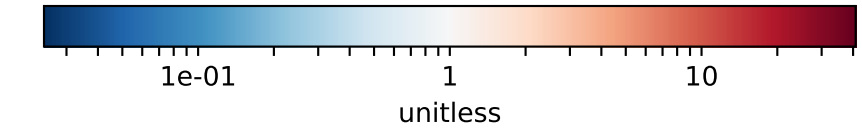
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



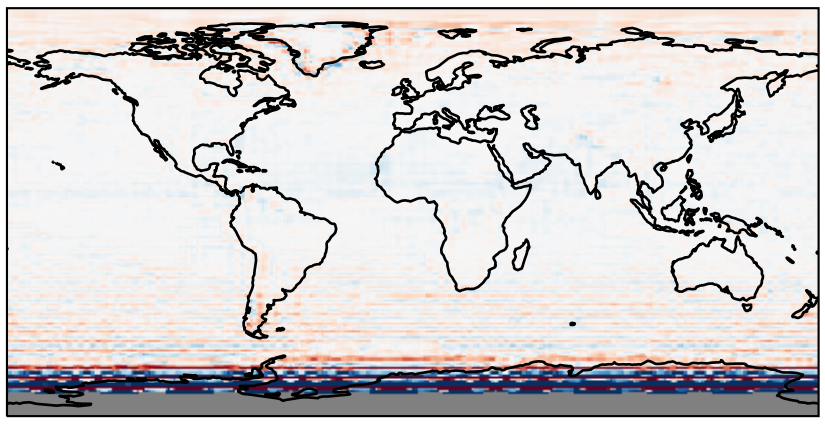


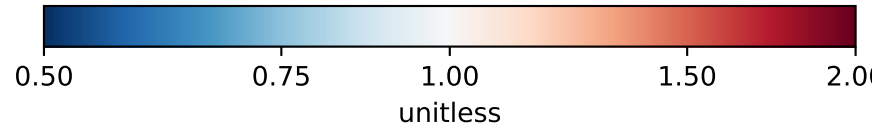
Ratio (1x1.25)
Dev/Ref, Dynamic Range





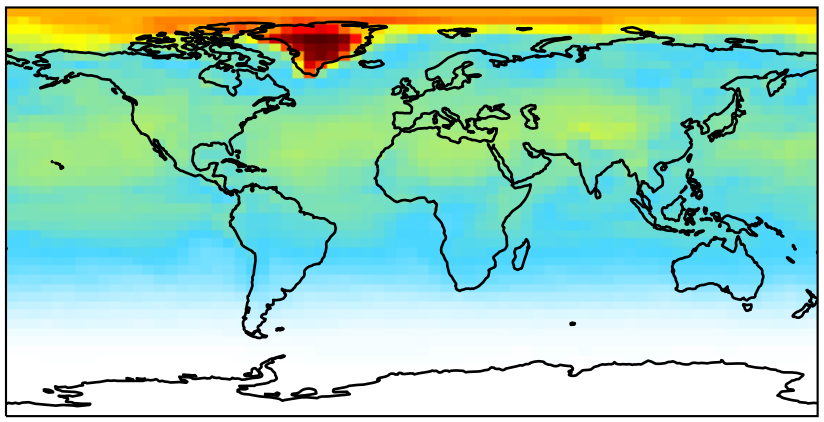
Ratio (1x1.25)
Dev/Ref, Fixed Range

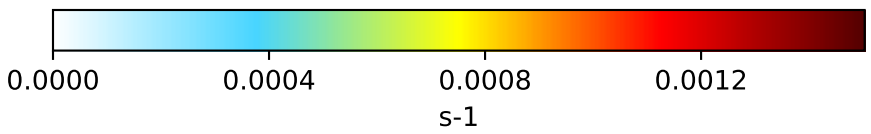




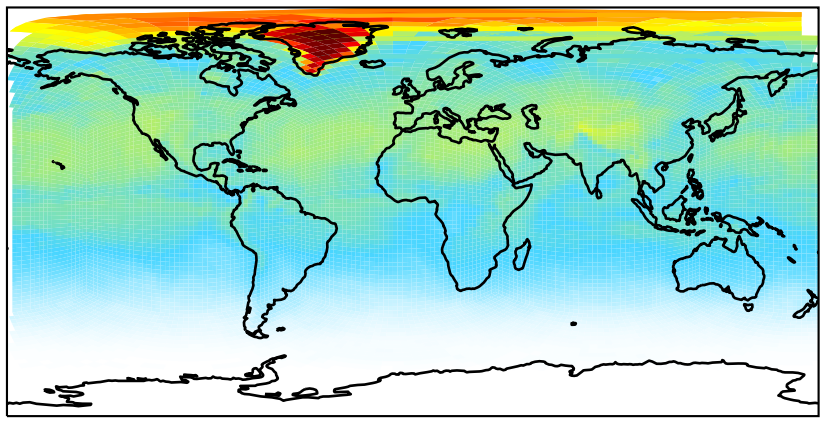
Jval_BrNO3

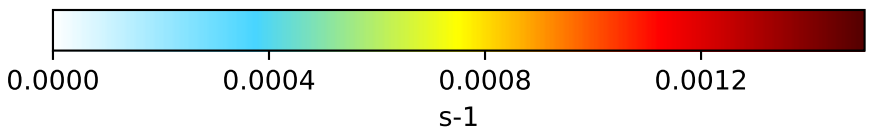
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



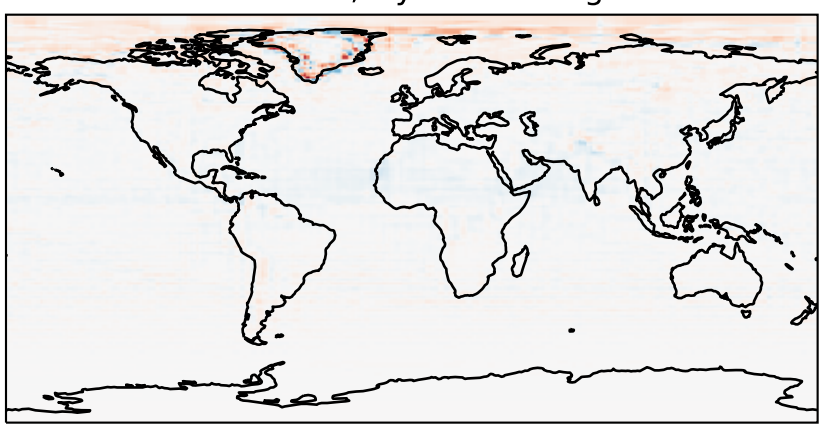


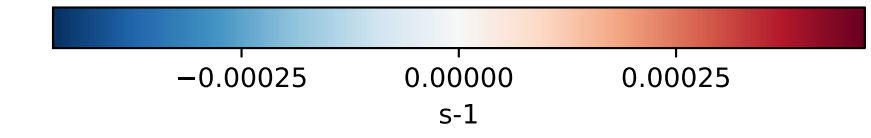
GCHP_13.1.0-beta.1 (Dev)
c48



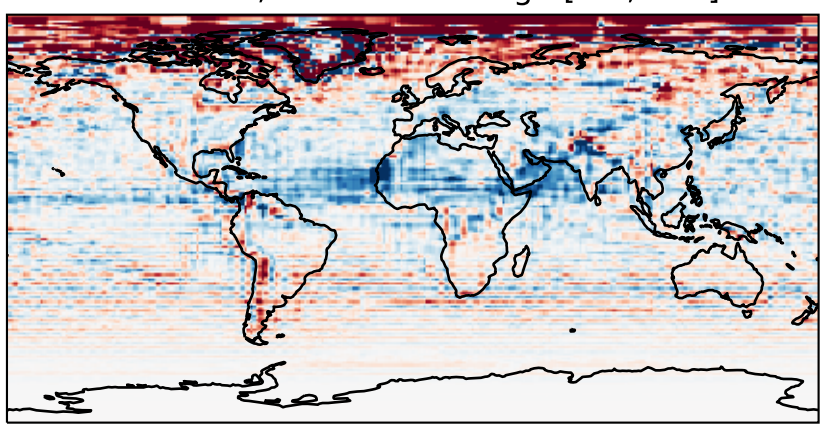


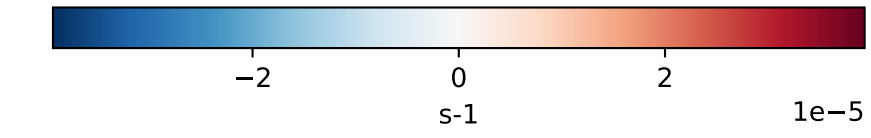
Difference (1x1.25)
Dev - Ref, Dynamic Range



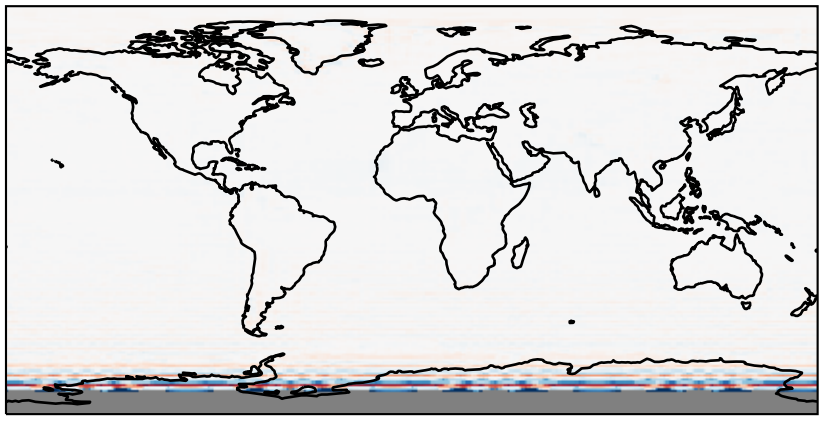


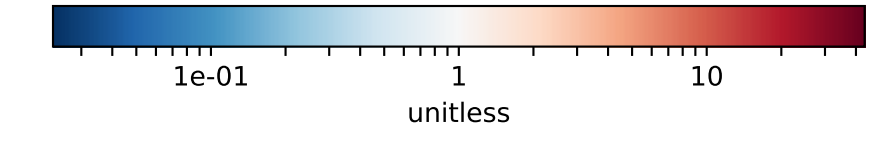
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



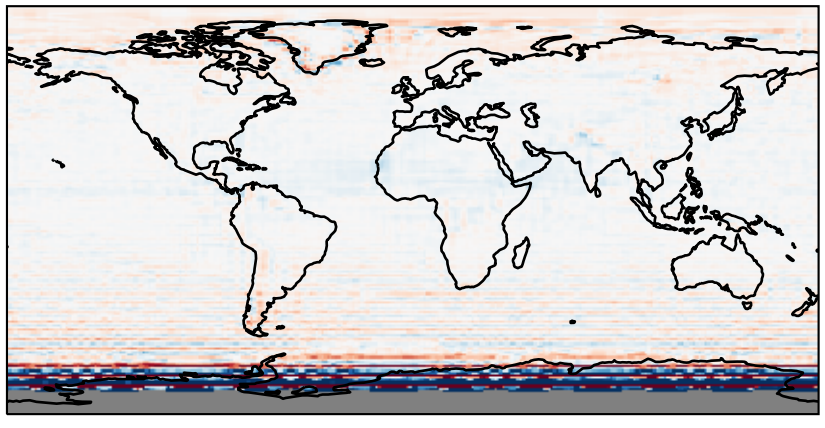


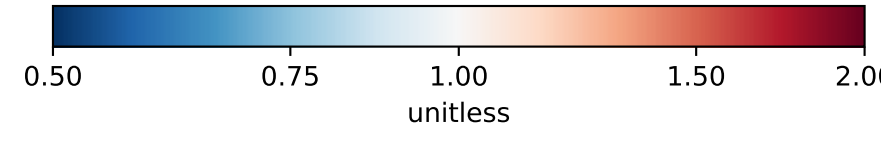
Ratio (1x1.25)
Dev/Ref, Dynamic Range





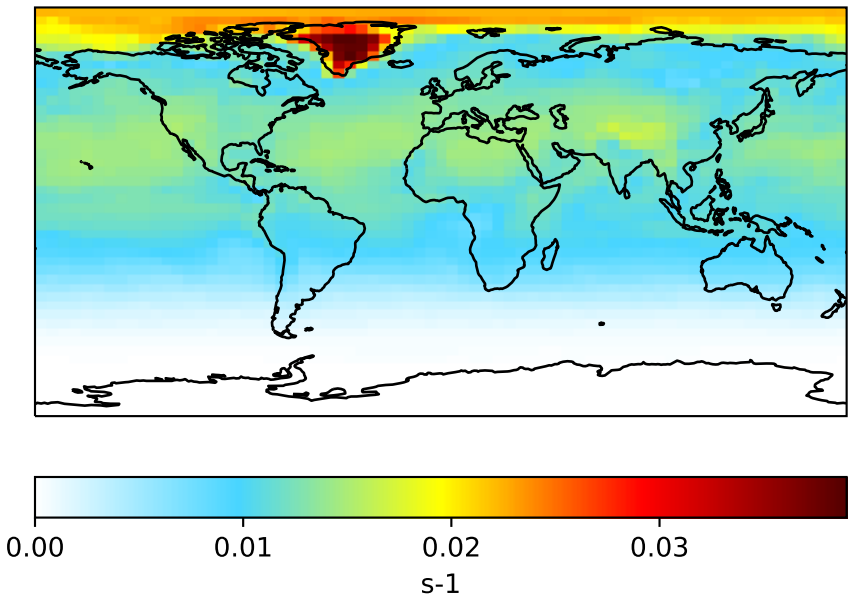
Ratio (1x1.25)
Dev/Ref, Fixed Range



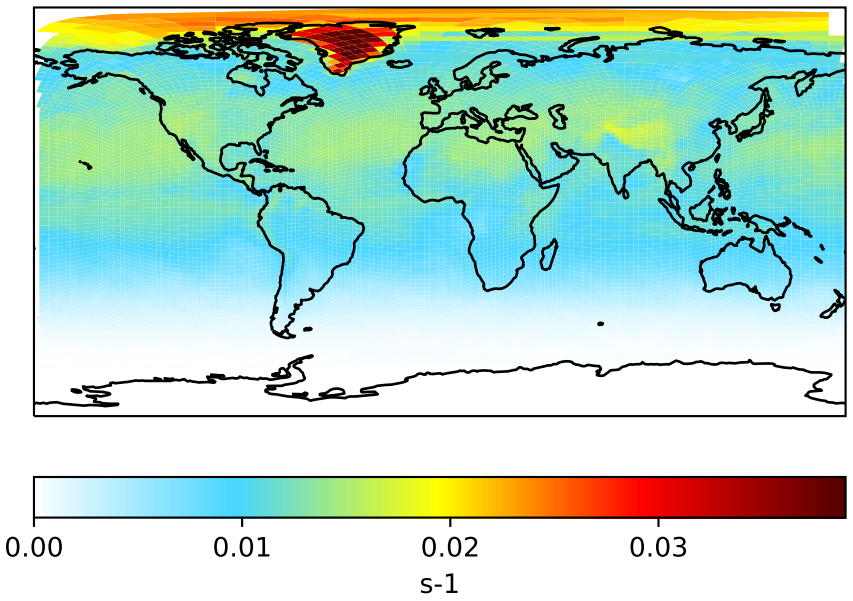


Jval_BrO

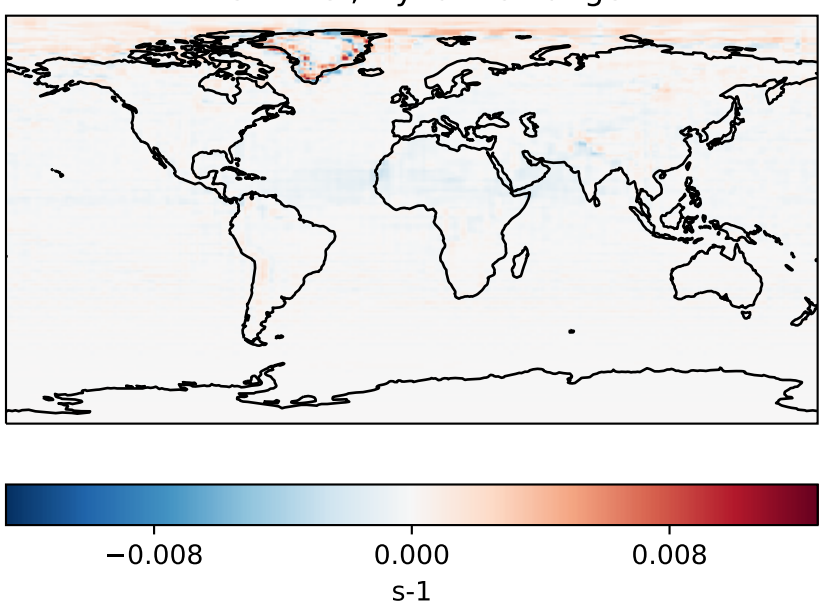
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



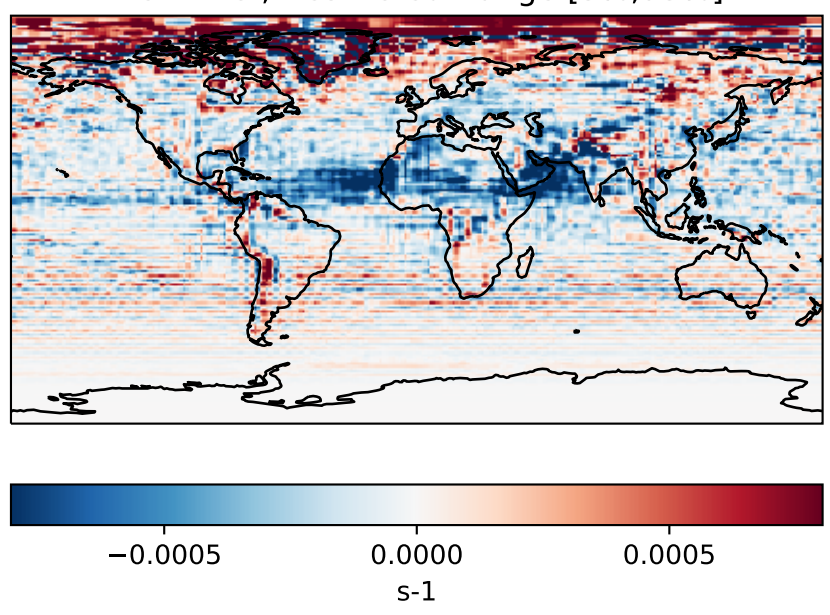
GCHP_13.1.0-beta.1 (Dev)
c48



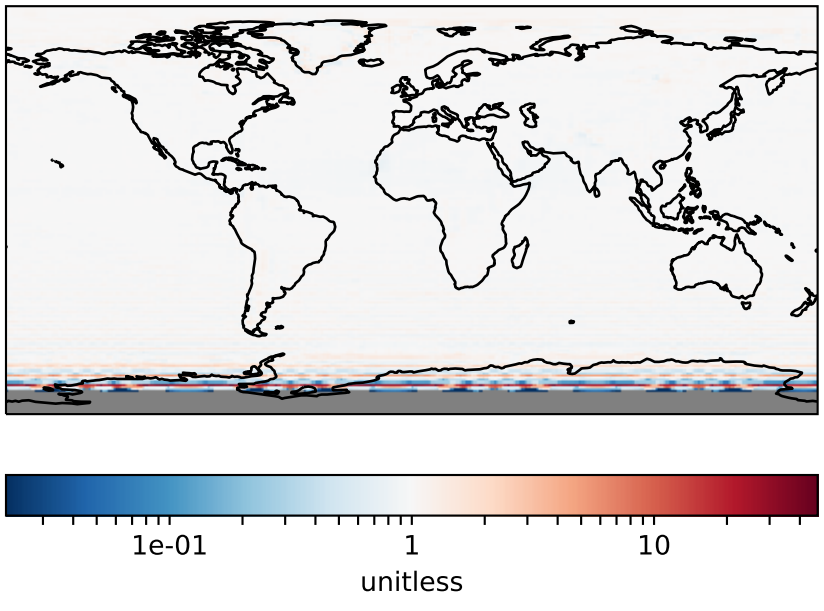
Difference (1x1.25)
Dev - Ref, Dynamic Range



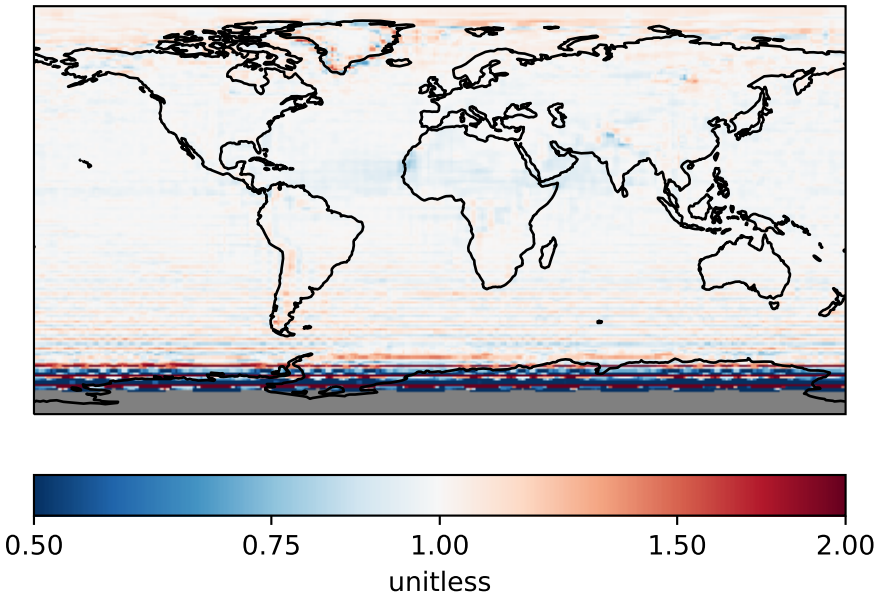
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

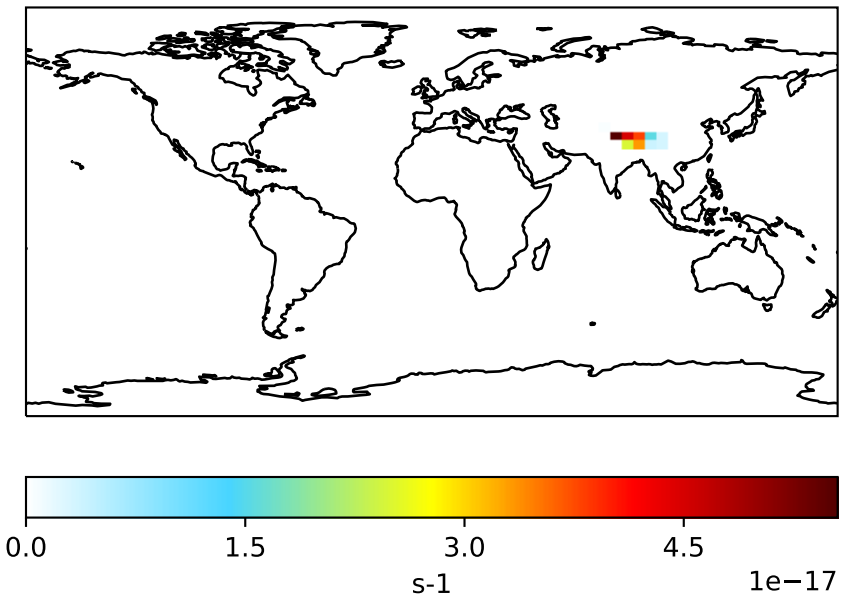


Ratio (1x1.25)
Dev/Ref, Fixed Range

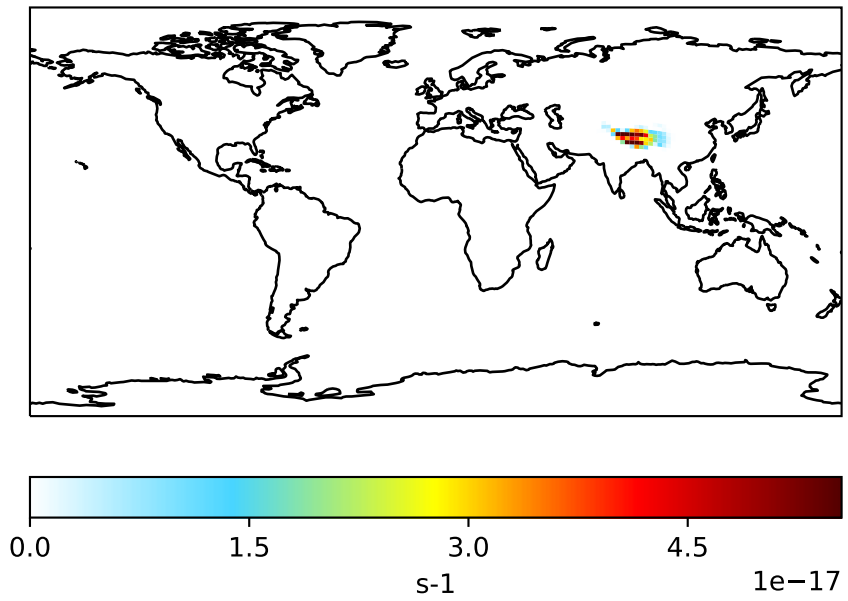


Jval_CCl4

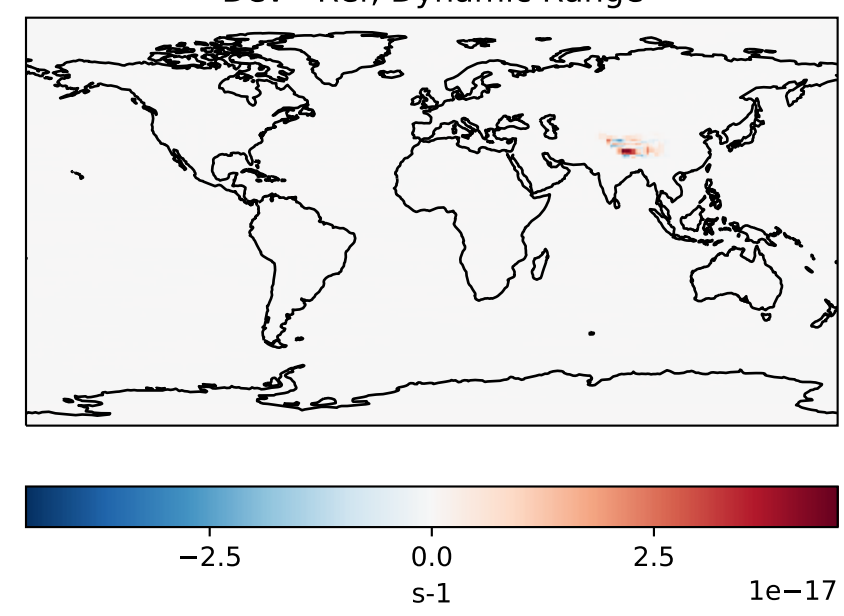
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



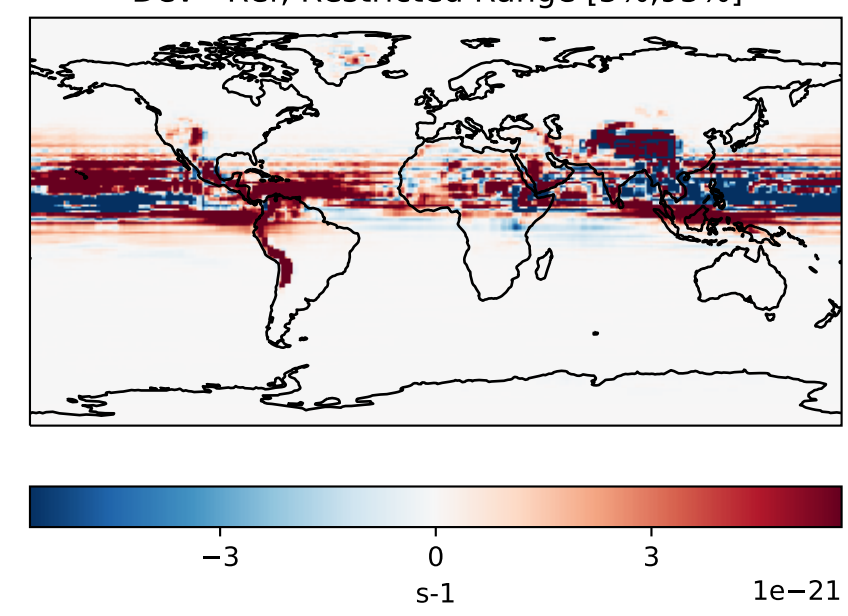
GCHP_13.1.0-beta.1 (Dev)
c48



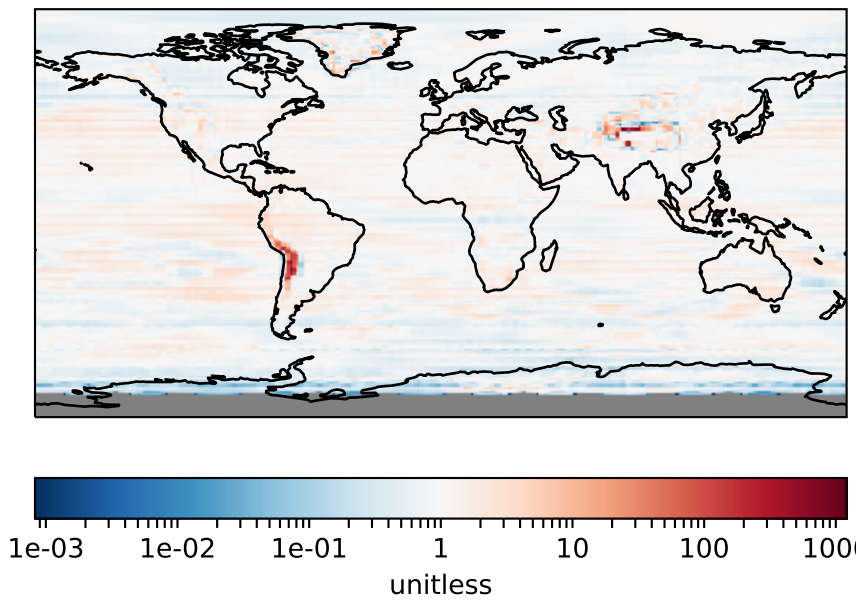
Difference (1x1.25)
Dev - Ref, Dynamic Range



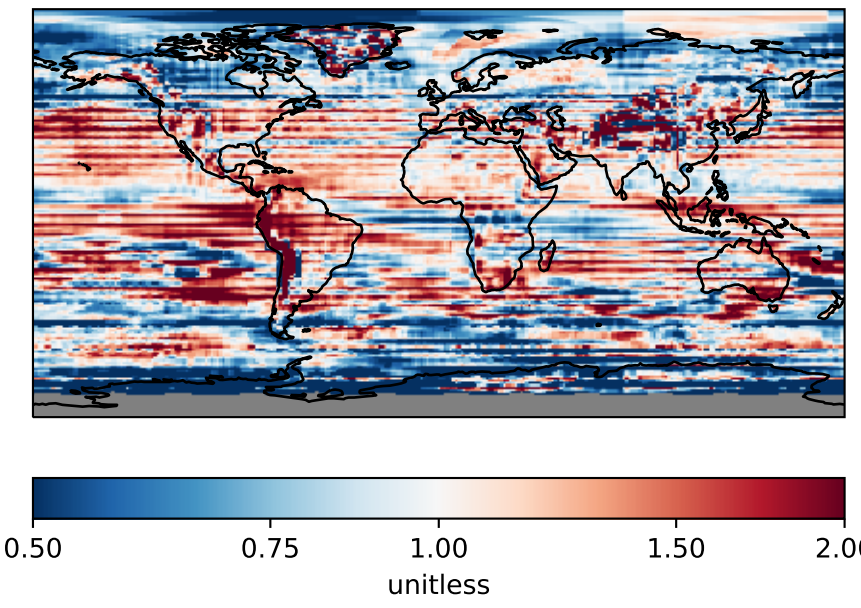
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

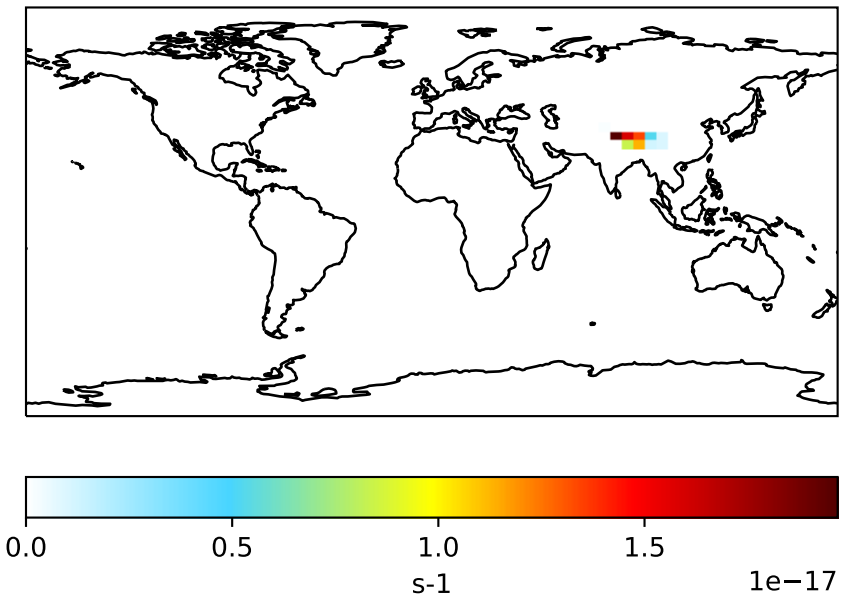


Ratio (1x1.25)
Dev/Ref, Fixed Range

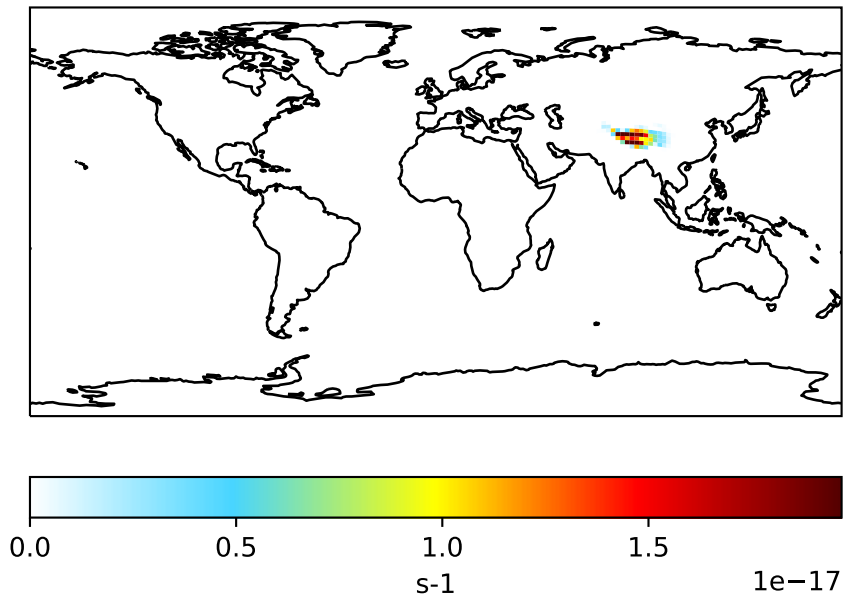


Jval_CFC11

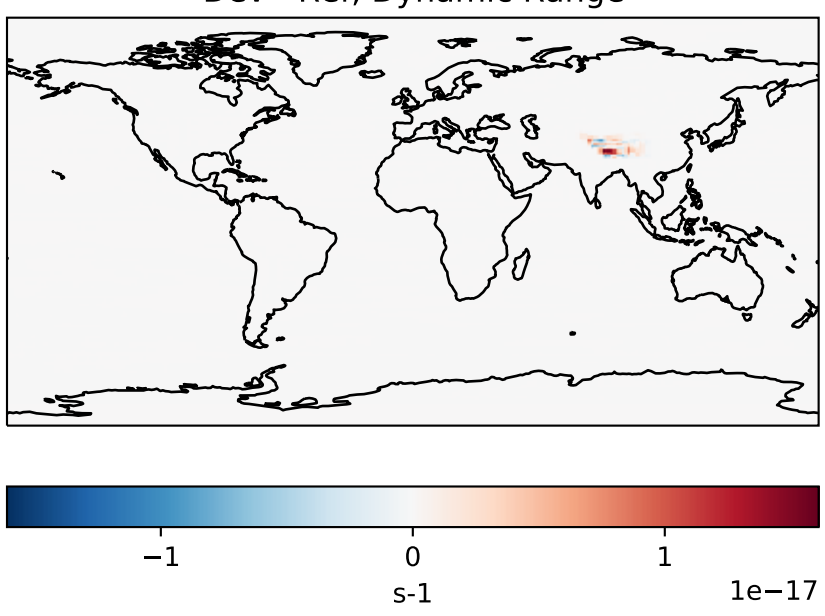
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



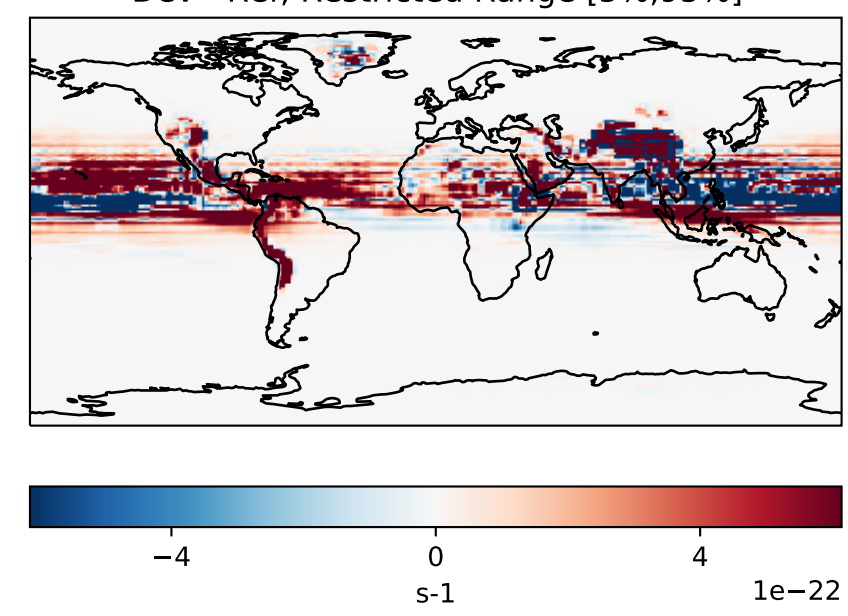
GCHP_13.1.0-beta.1 (Dev)
c48



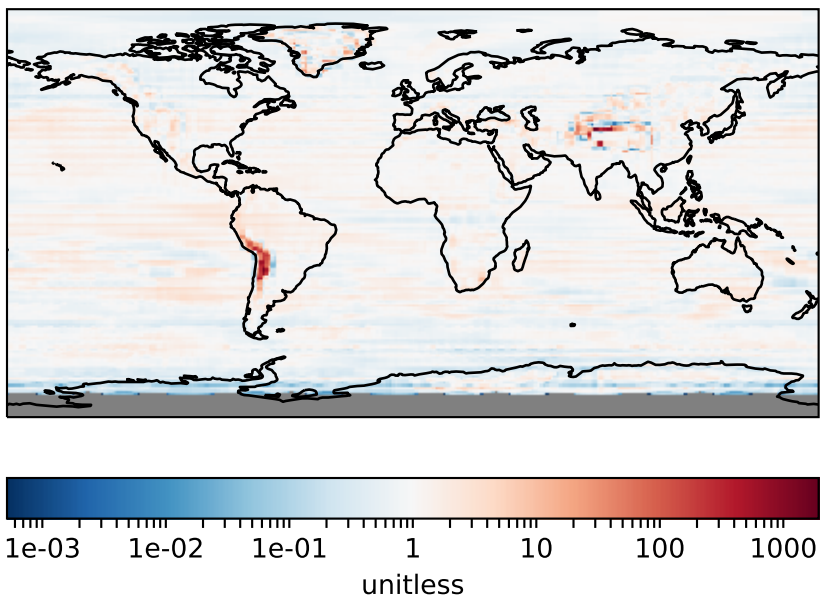
Difference (1x1.25)
Dev - Ref, Dynamic Range



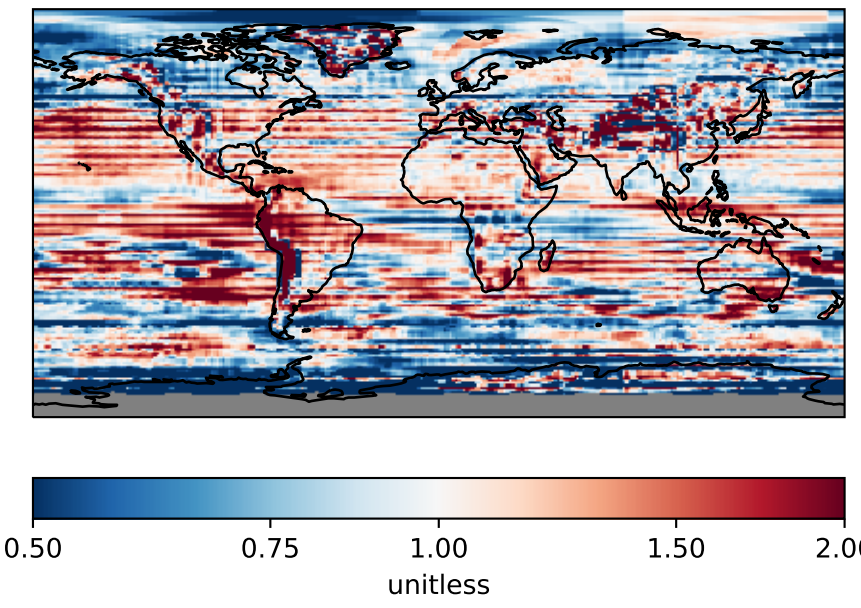
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

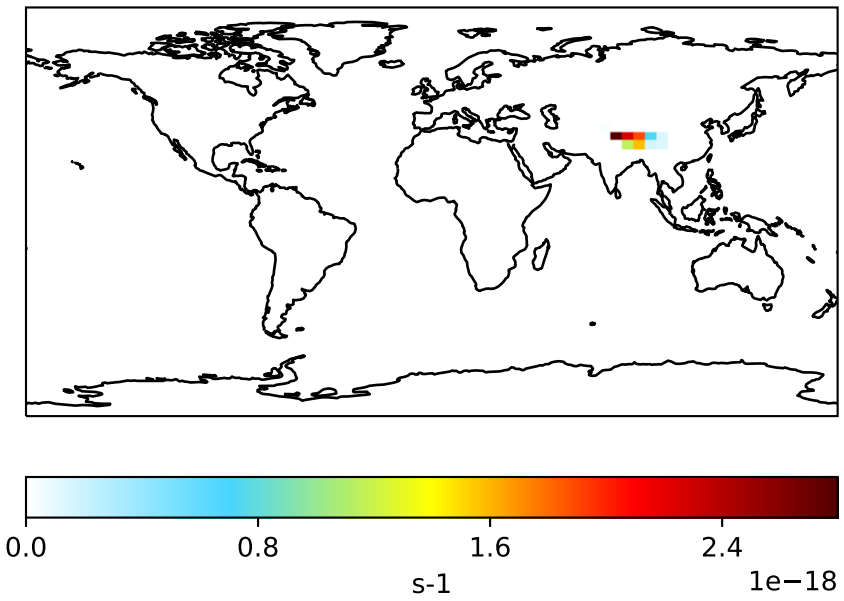


Ratio (1x1.25)
Dev/Ref, Fixed Range

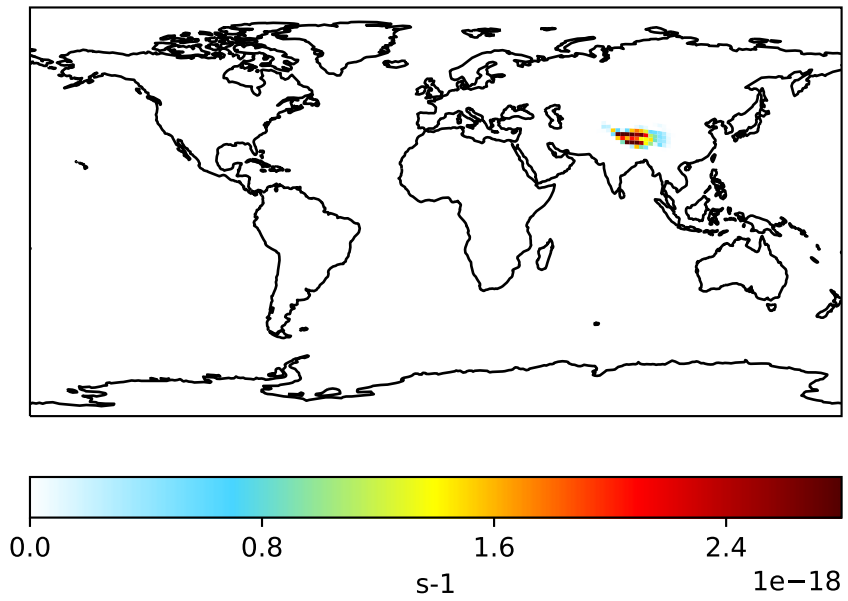


Jval_CFC113

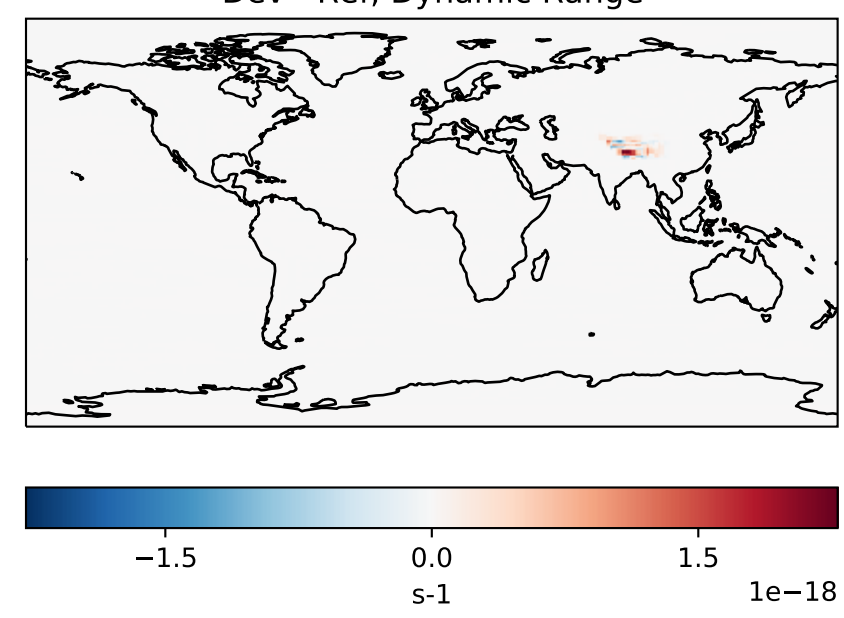
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



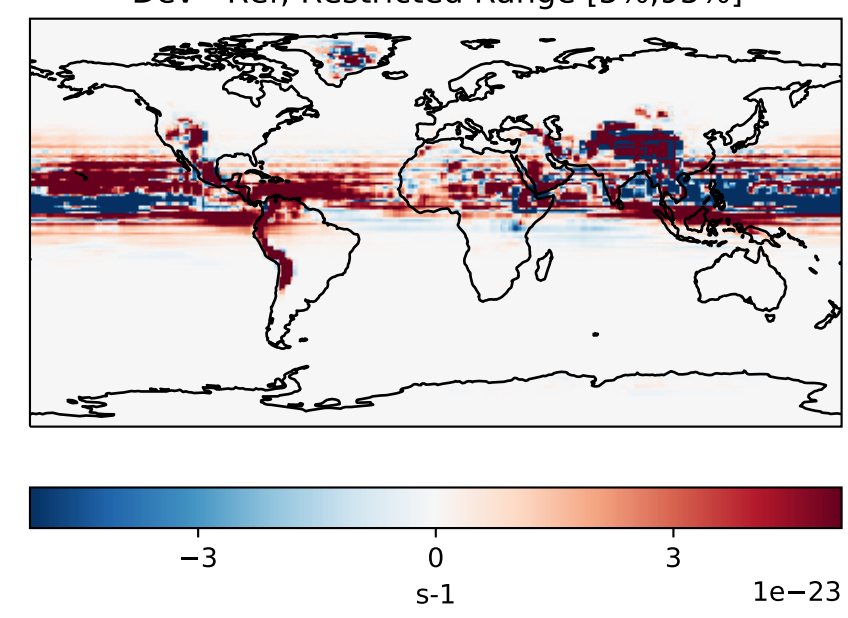
GCHP_13.1.0-beta.1 (Dev)
c48



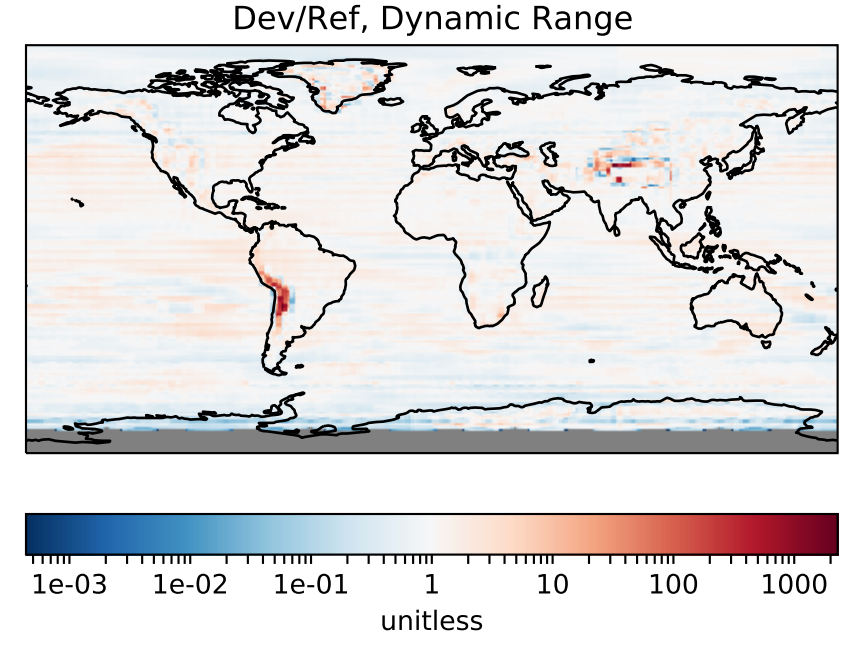
Difference (1x1.25)
Dev - Ref, Dynamic Range



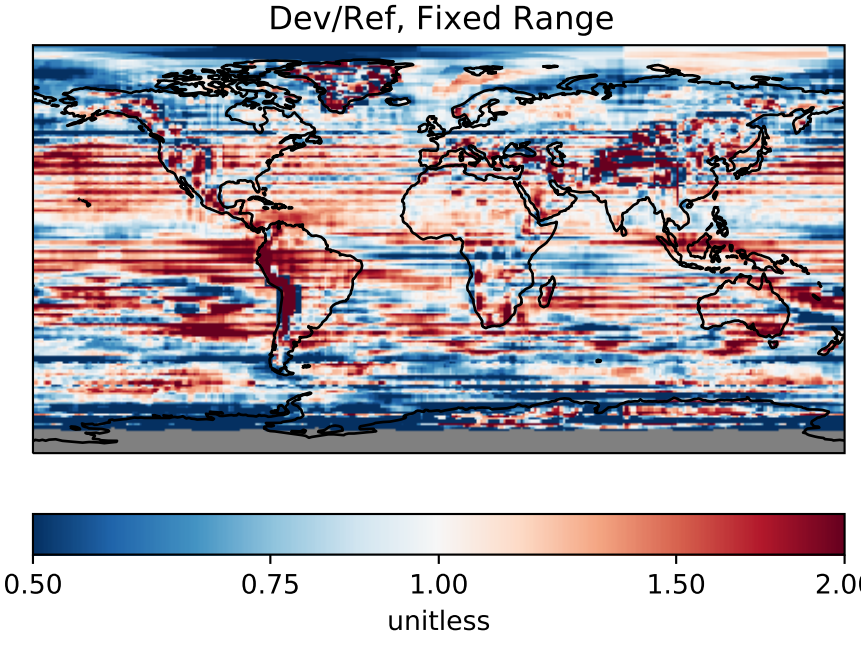
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

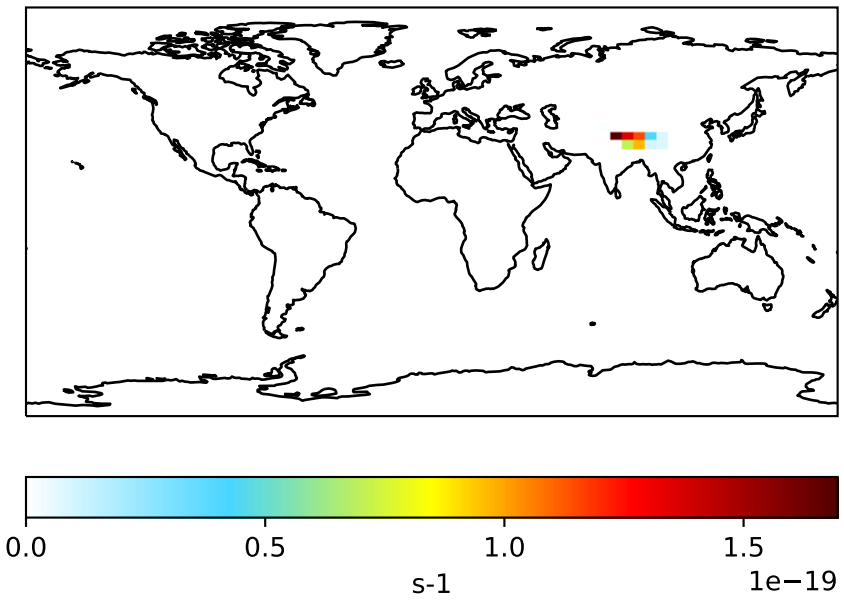


Ratio (1x1.25)
Dev/Ref, Fixed Range

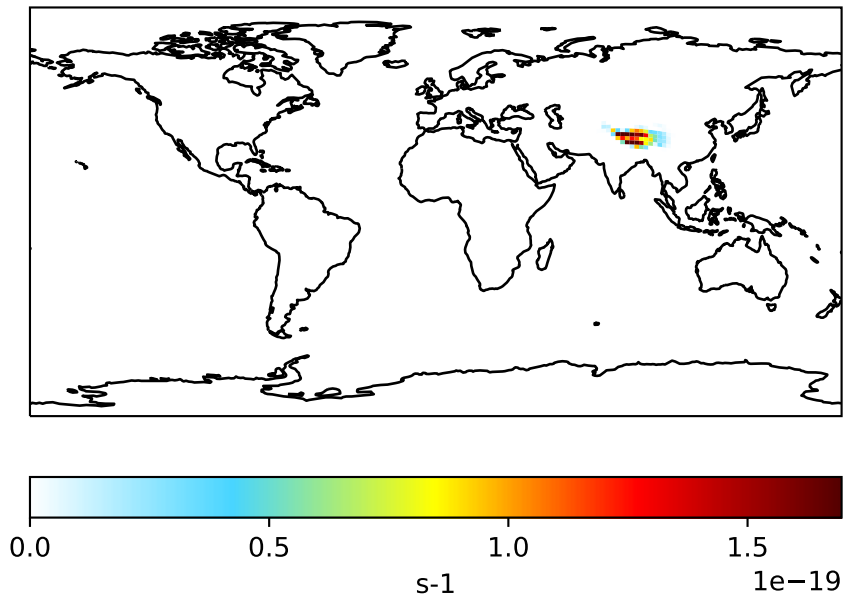


Jval_CFC114

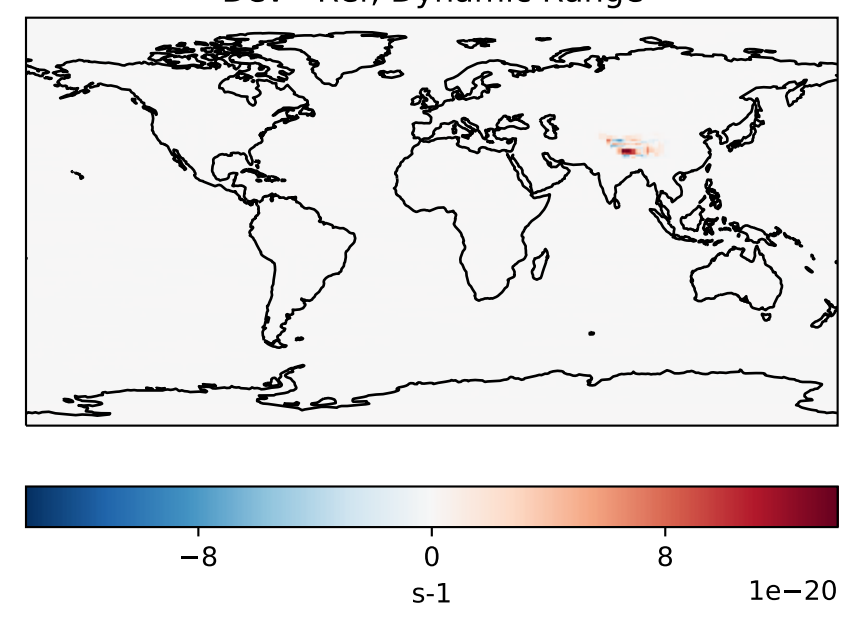
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



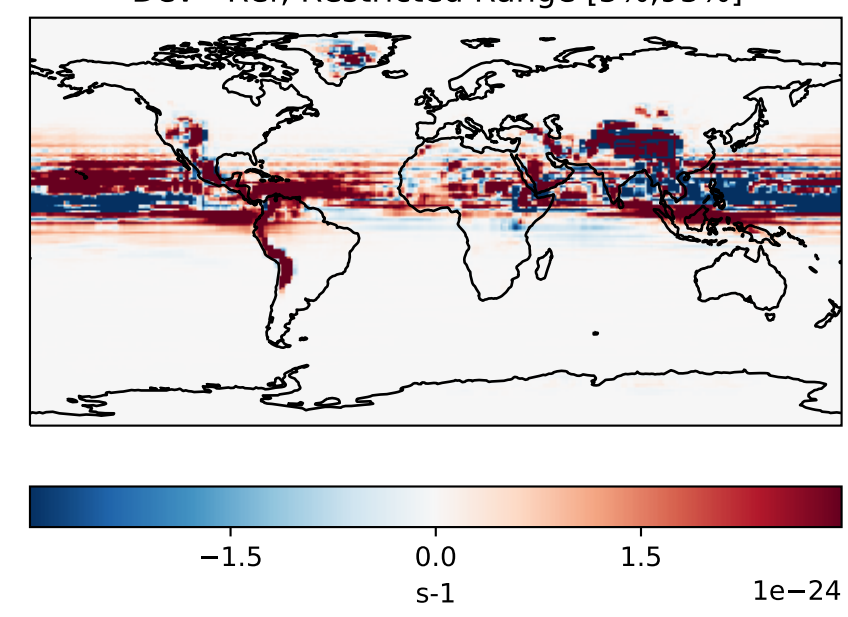
GCHP_13.1.0-beta.1 (Dev)
c48



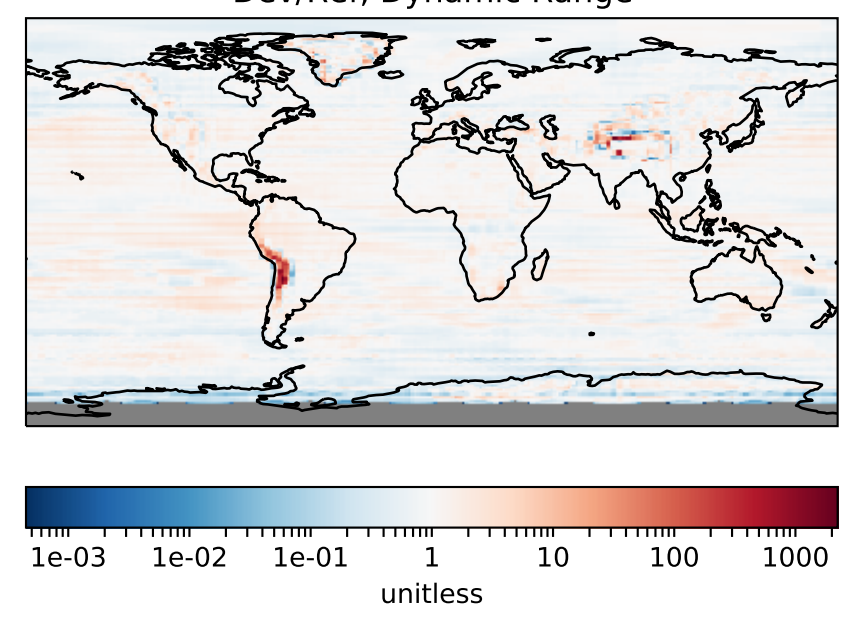
Difference (1x1.25)
Dev - Ref, Dynamic Range



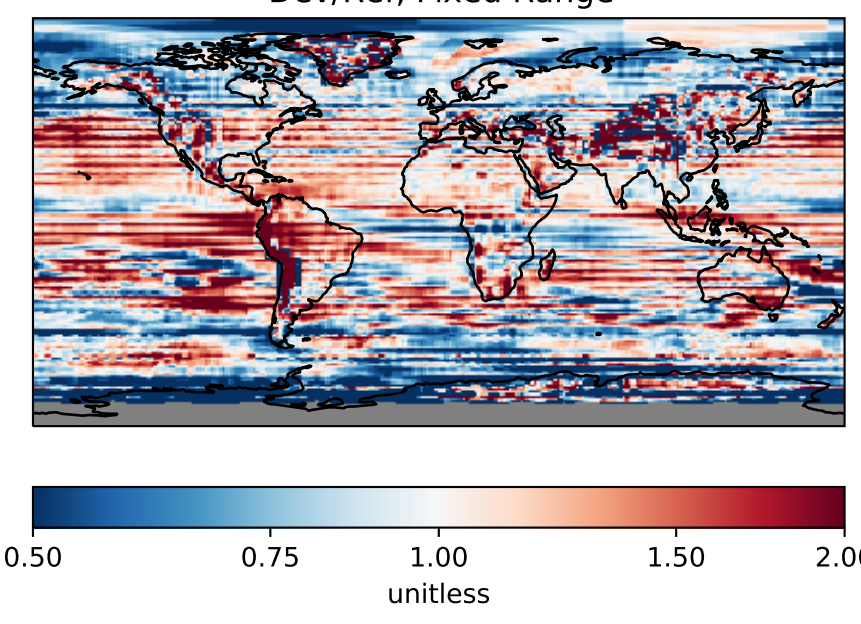
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

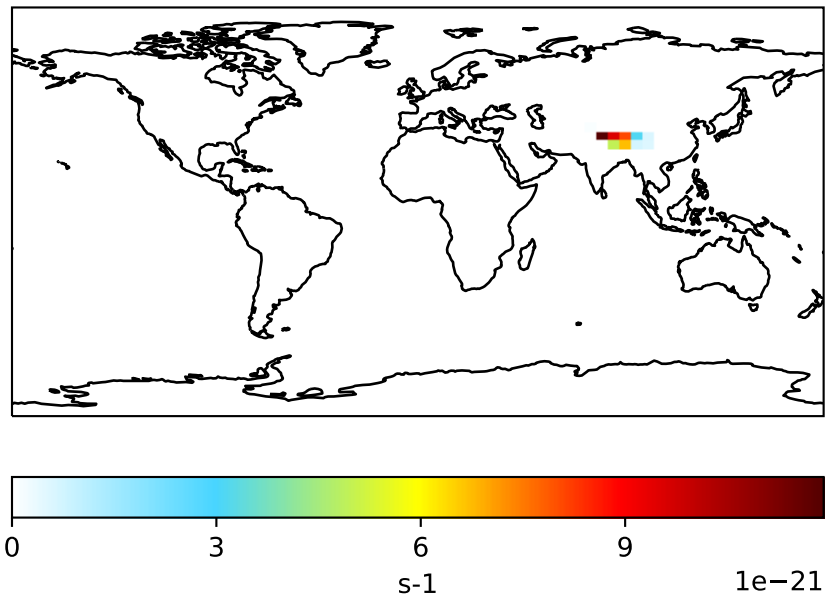


Ratio (1x1.25)
Dev/Ref, Fixed Range

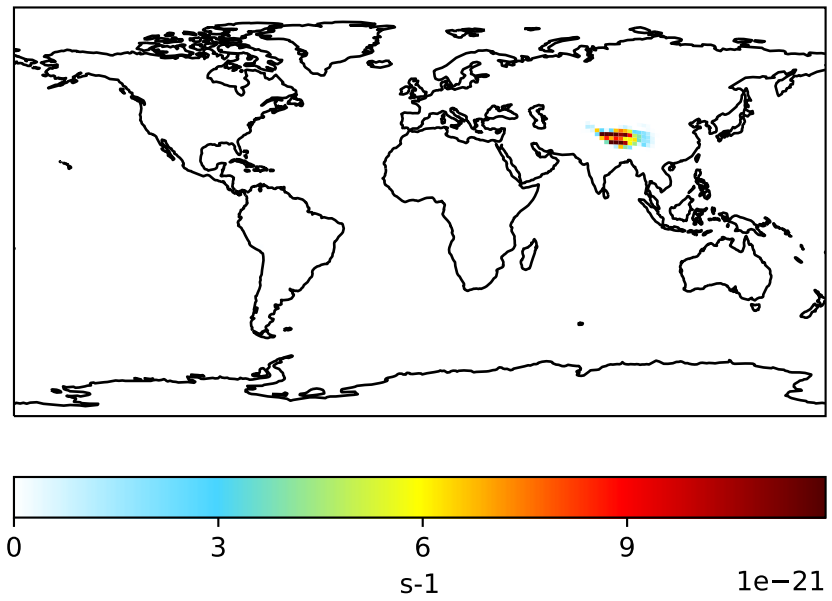


Jval_CFC115

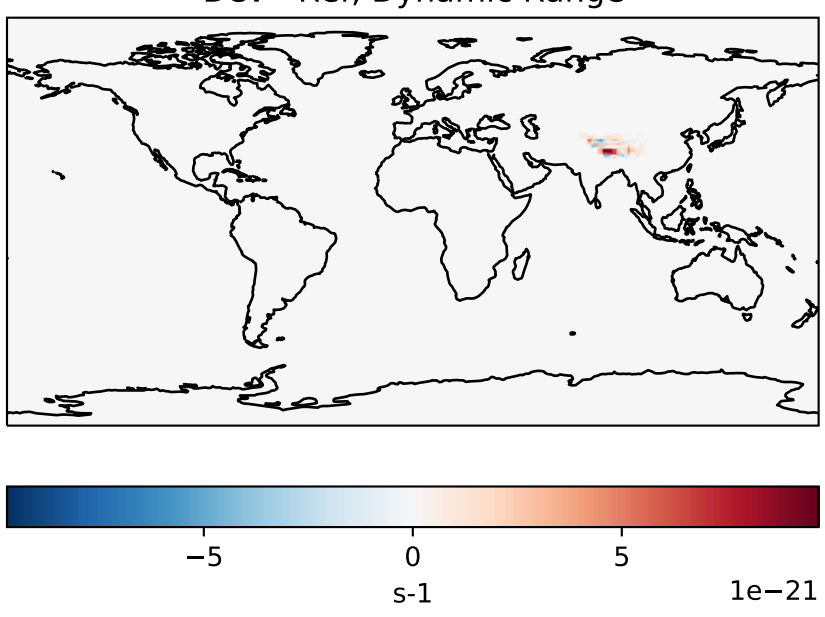
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



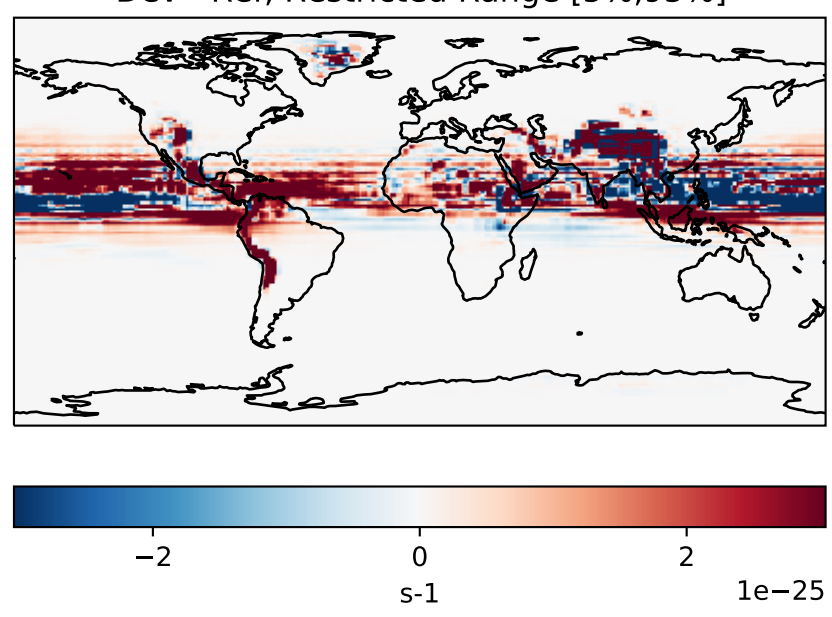
GCHP_13.1.0-beta.1 (Dev)
c48



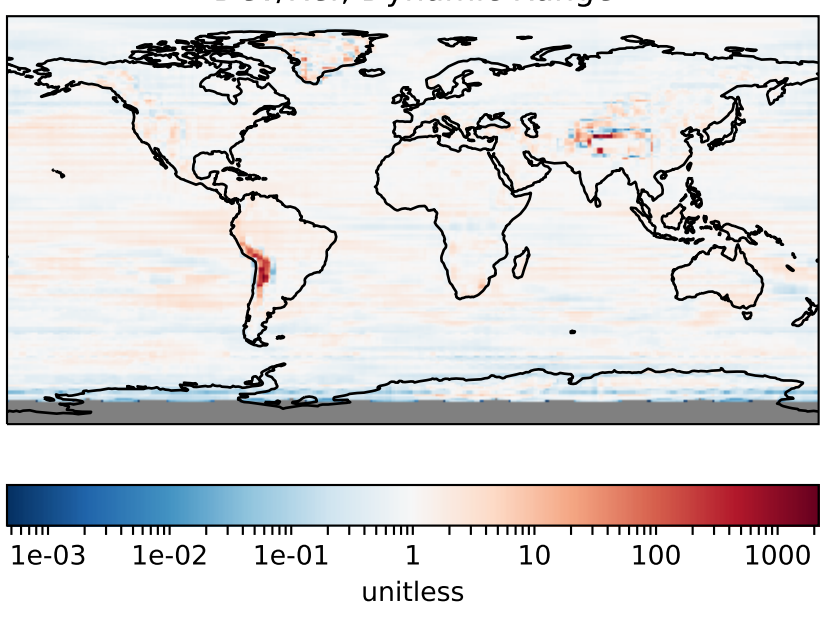
Difference (1x1.25)
Dev - Ref, Dynamic Range



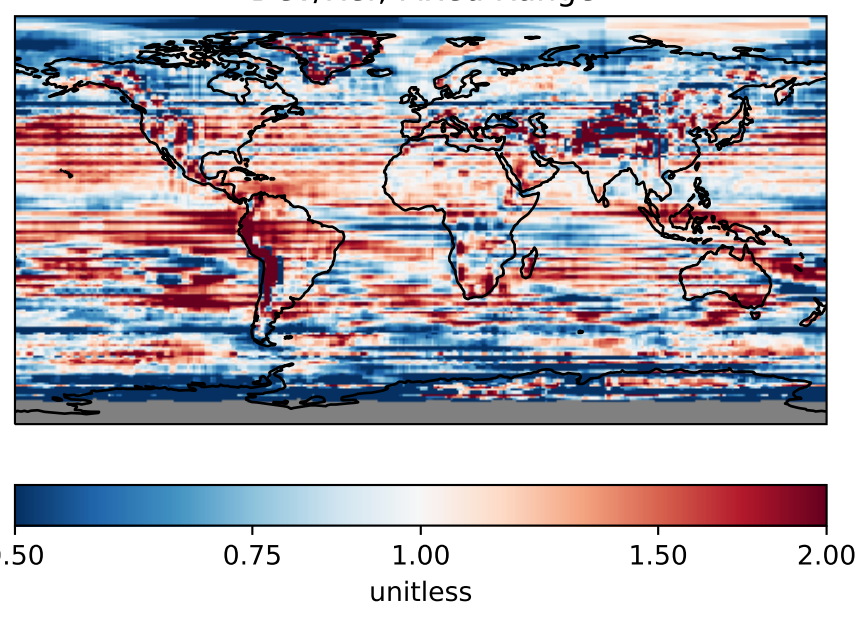
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

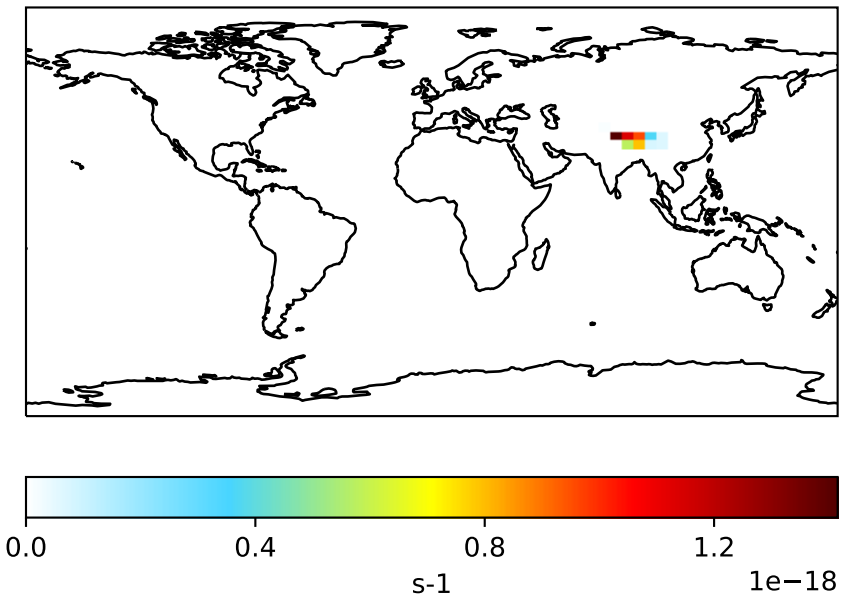


Ratio (1x1.25)
Dev/Ref, Fixed Range

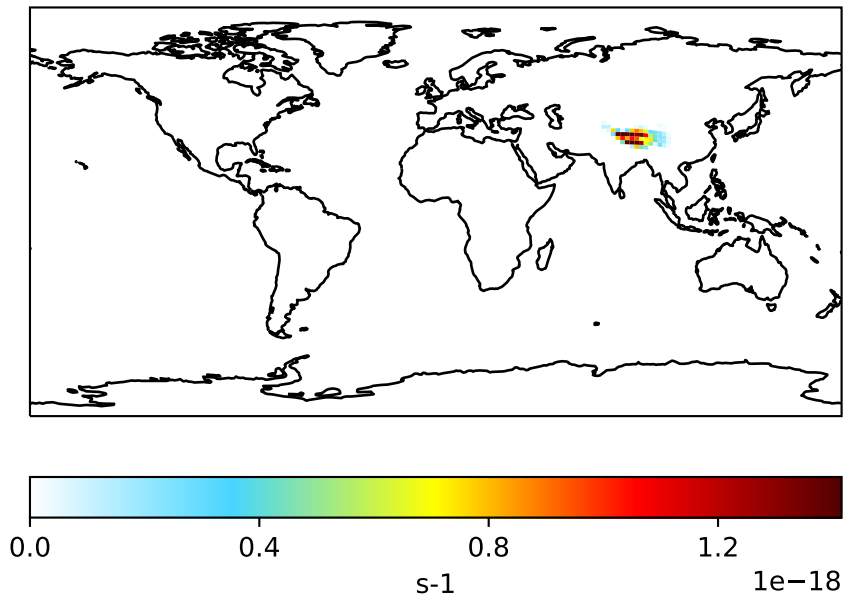


Jval_CFC12

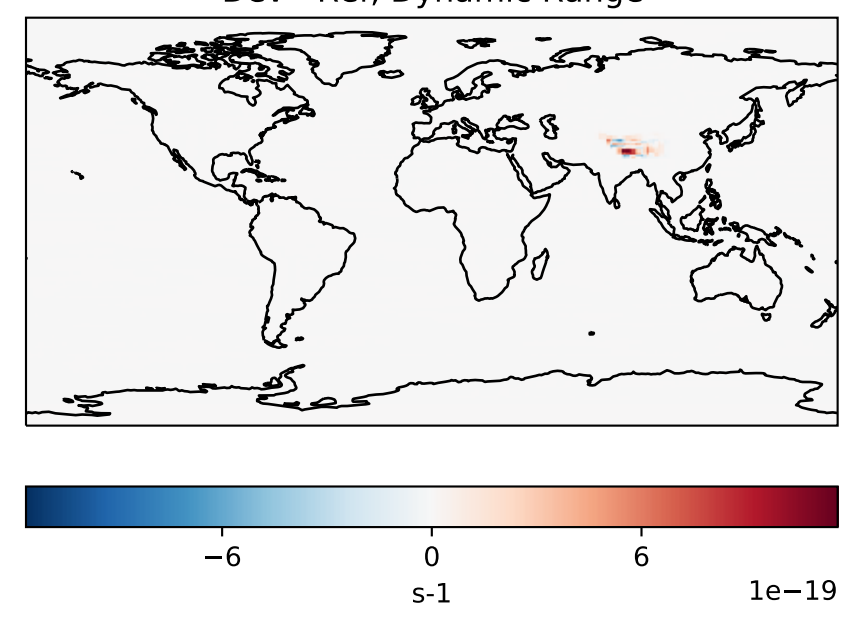
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



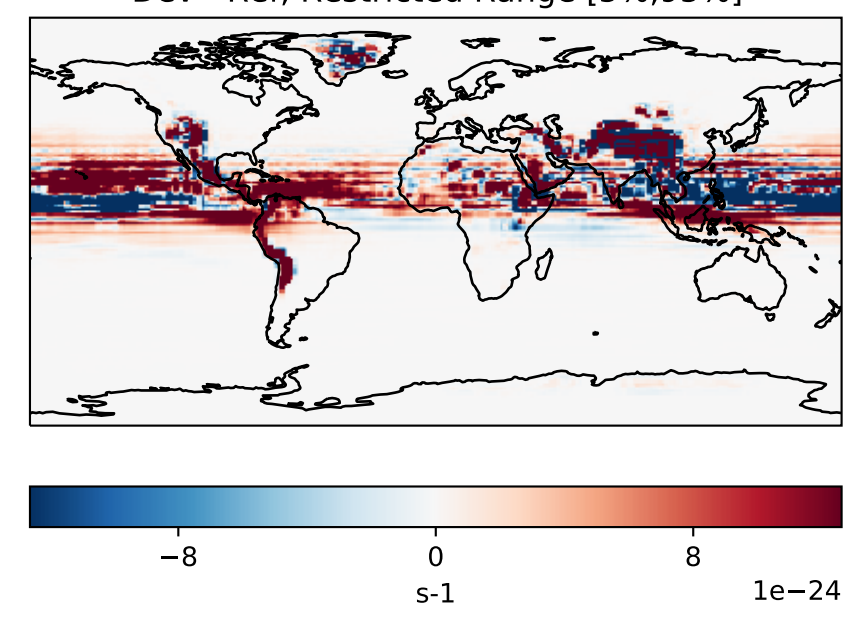
GCHP_13.1.0-beta.1 (Dev)
c48



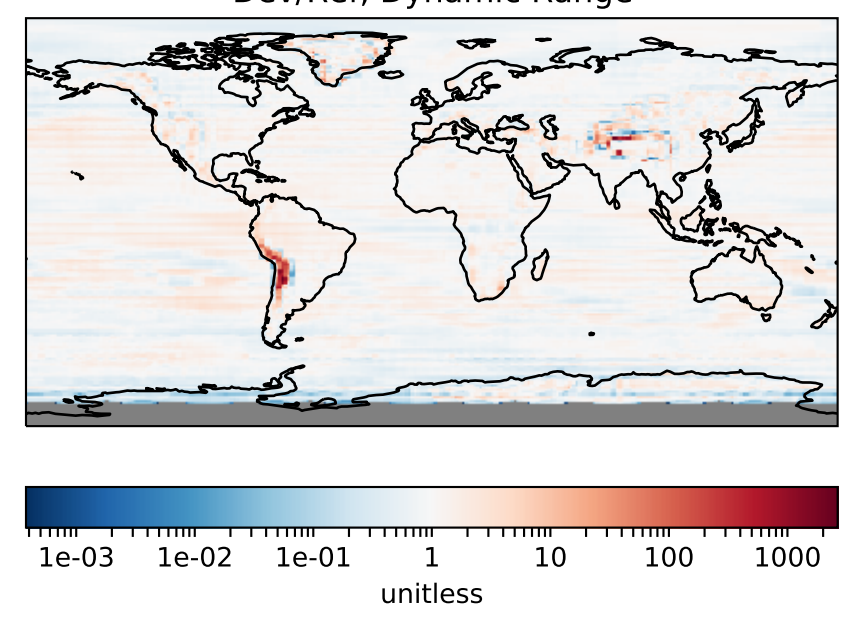
Difference (1x1.25)
Dev - Ref, Dynamic Range



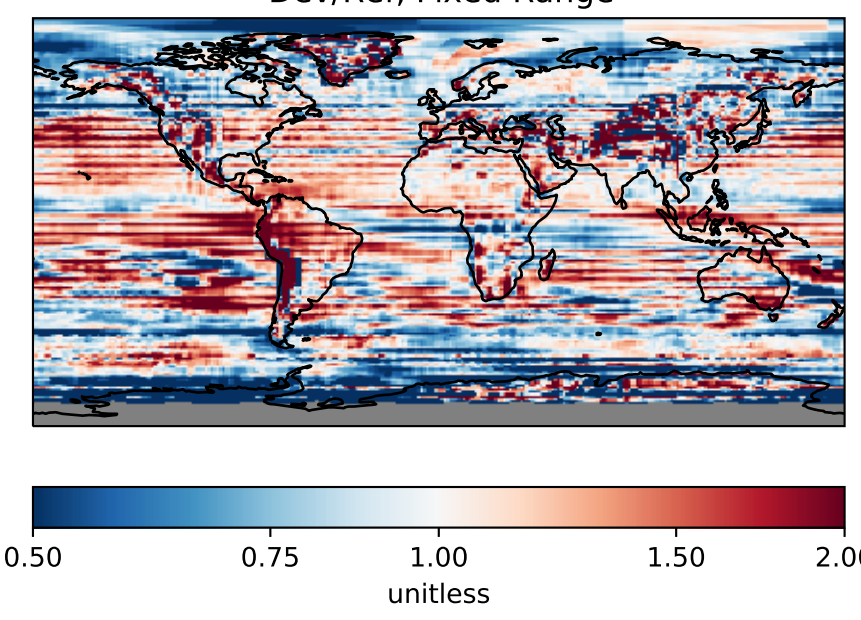
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

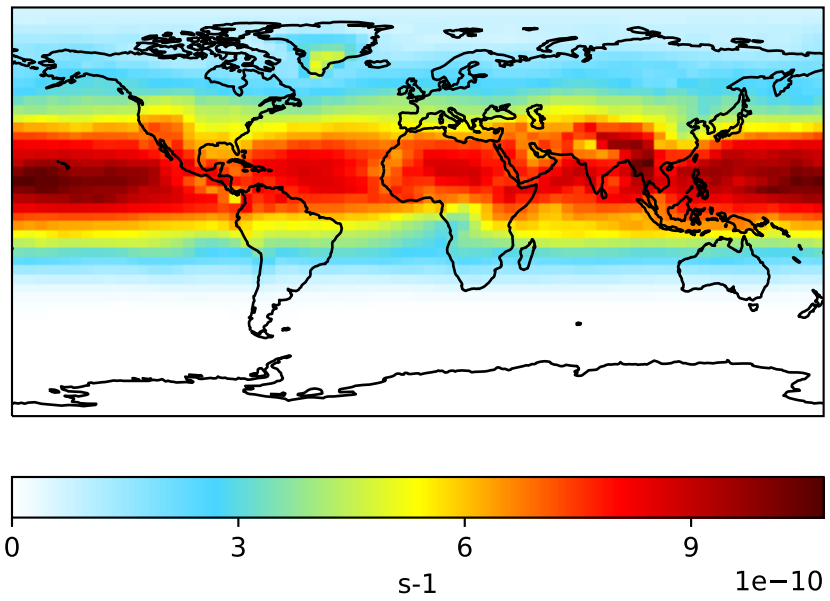


Ratio (1x1.25)
Dev/Ref, Fixed Range

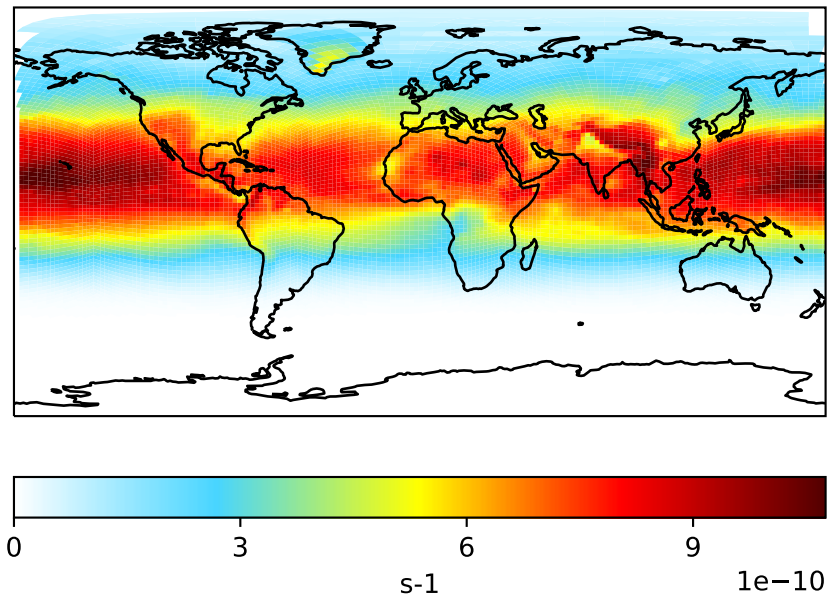


Jval_CH2Br2

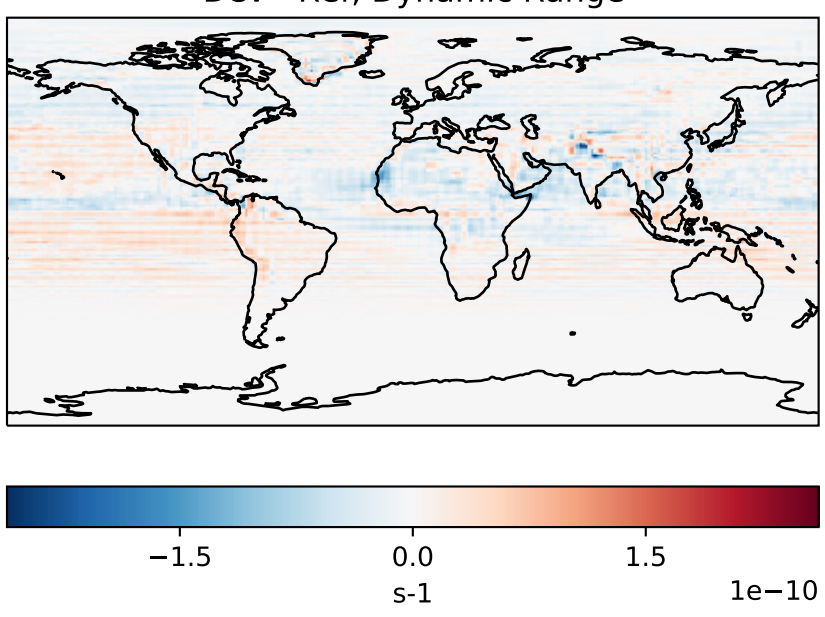
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



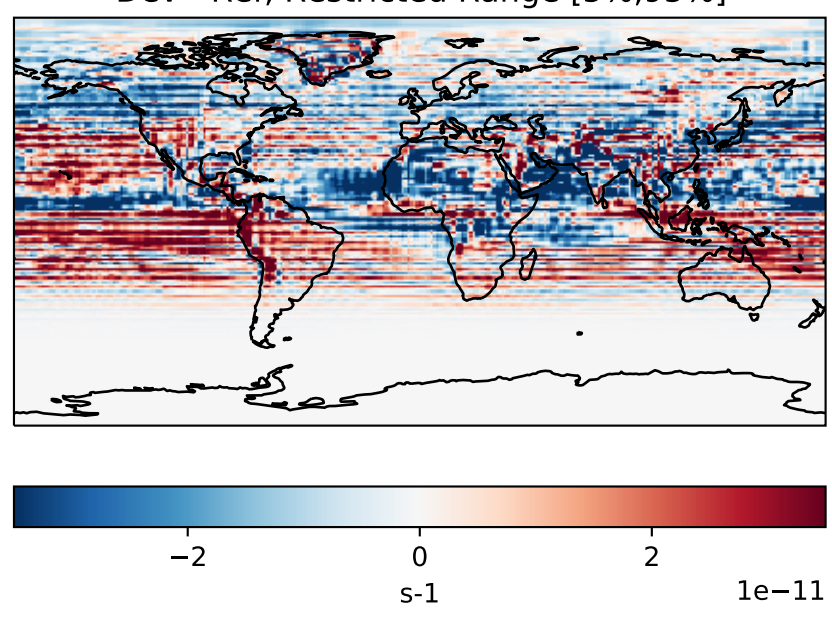
GCHP_13.1.0-beta.1 (Dev)
c48



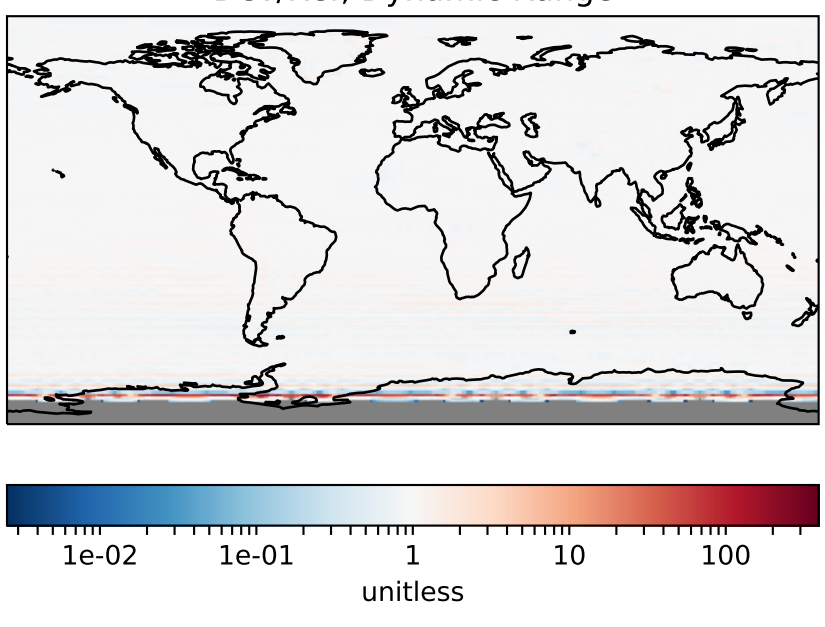
Difference (1x1.25)
Dev - Ref, Dynamic Range



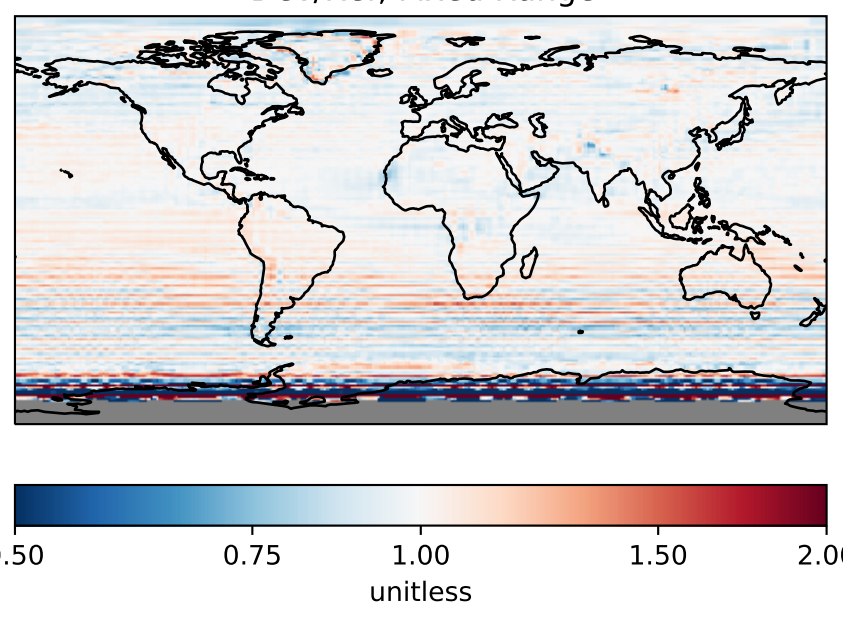
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

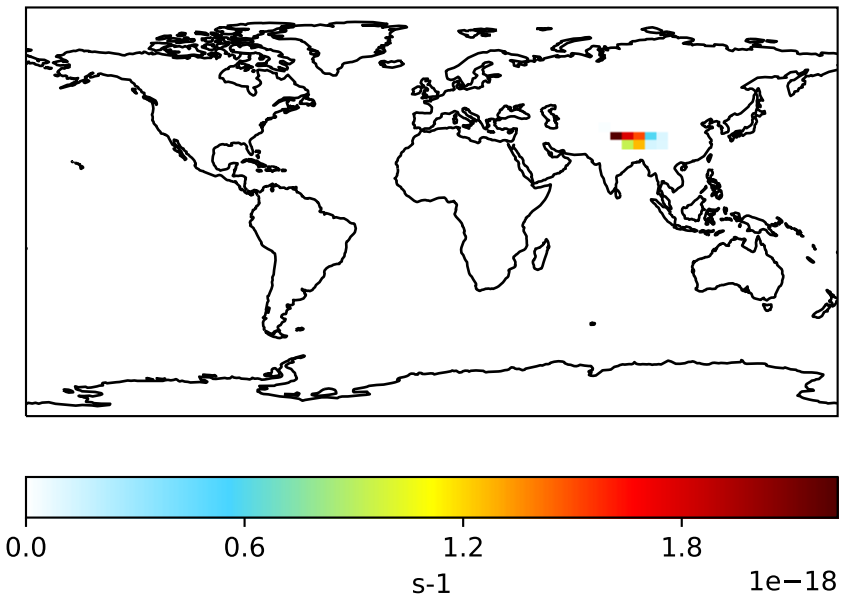


Ratio (1x1.25)
Dev/Ref, Fixed Range

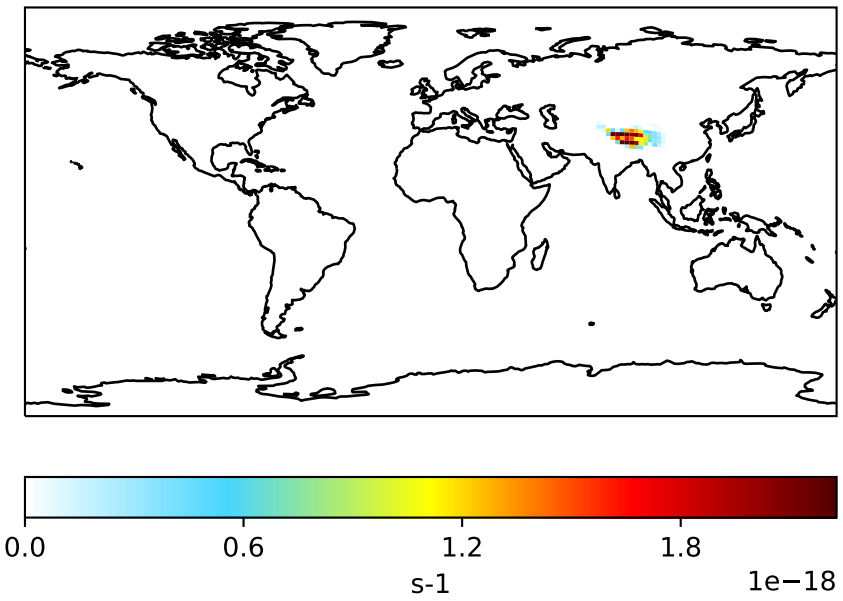


Jval_CH2Cl2

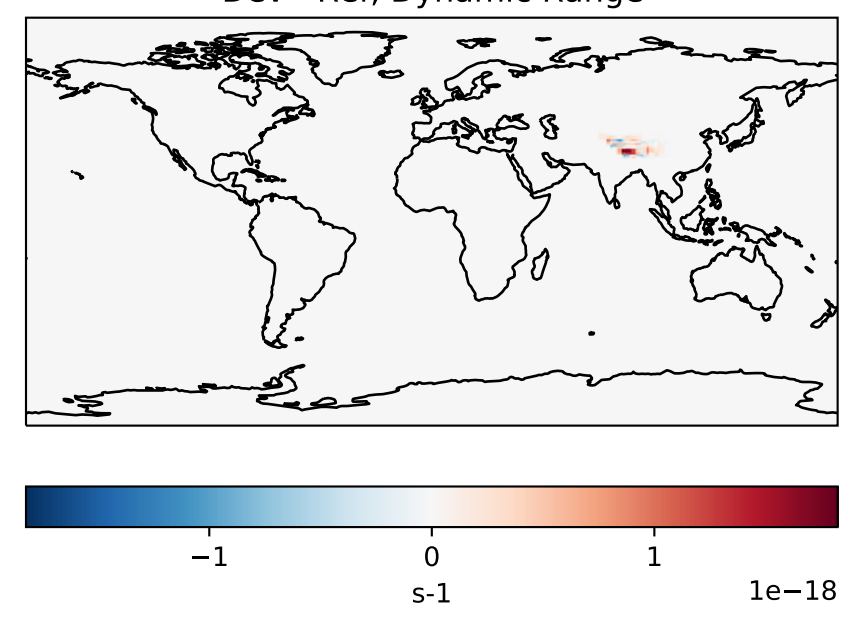
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



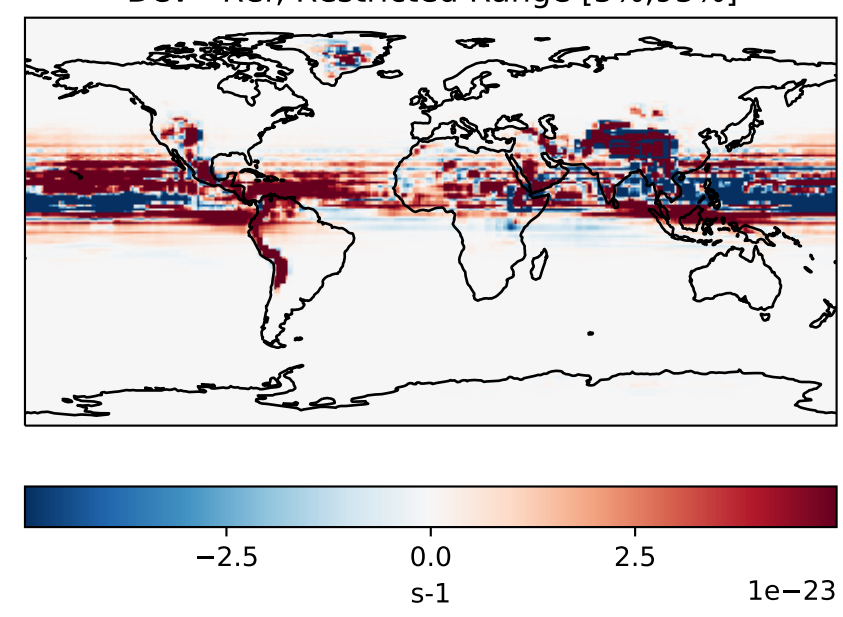
GCHP_13.1.0-beta.1 (Dev)
c48



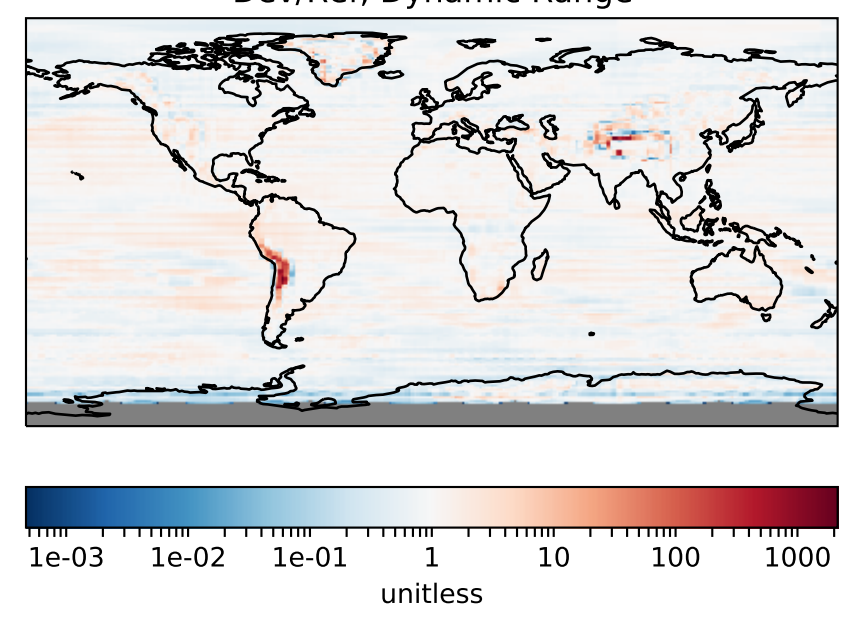
Difference (1x1.25)
Dev - Ref, Dynamic Range



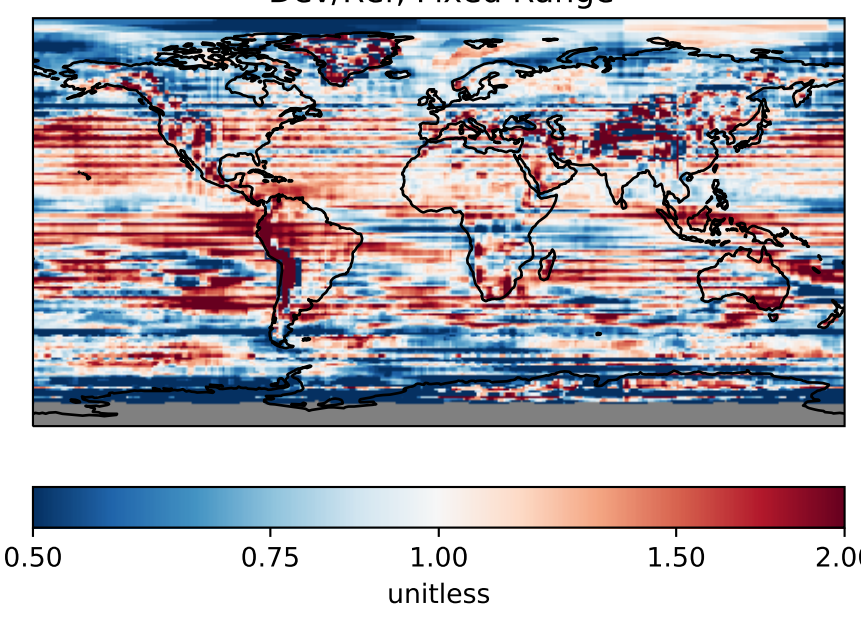
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

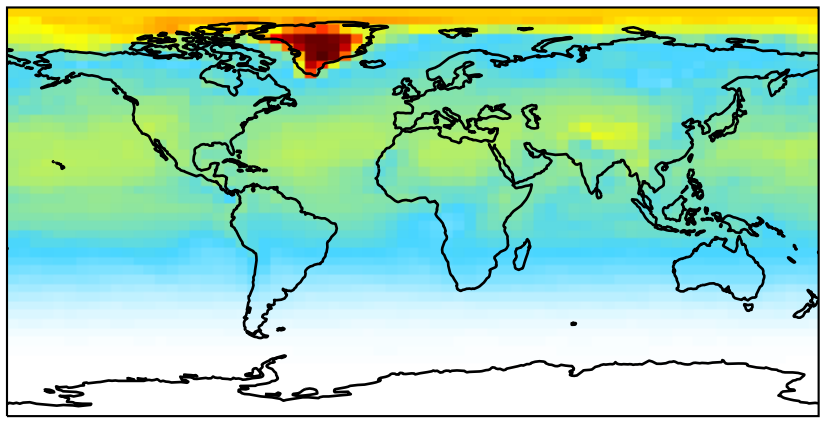


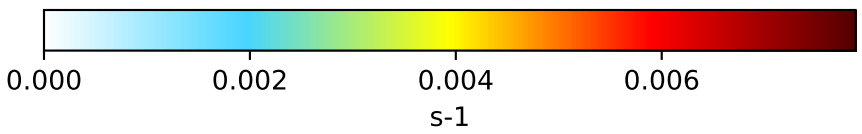
Ratio (1x1.25)
Dev/Ref, Fixed Range



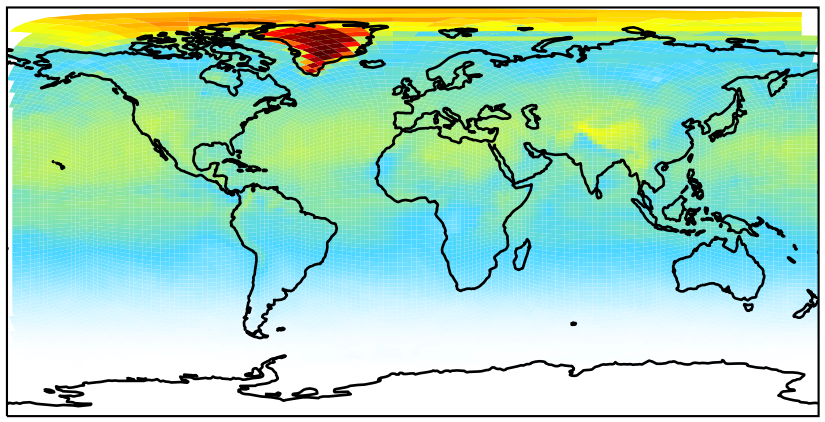
Jval_CH2I2

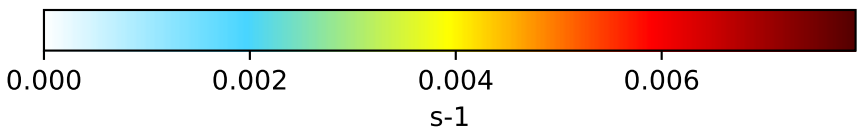
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



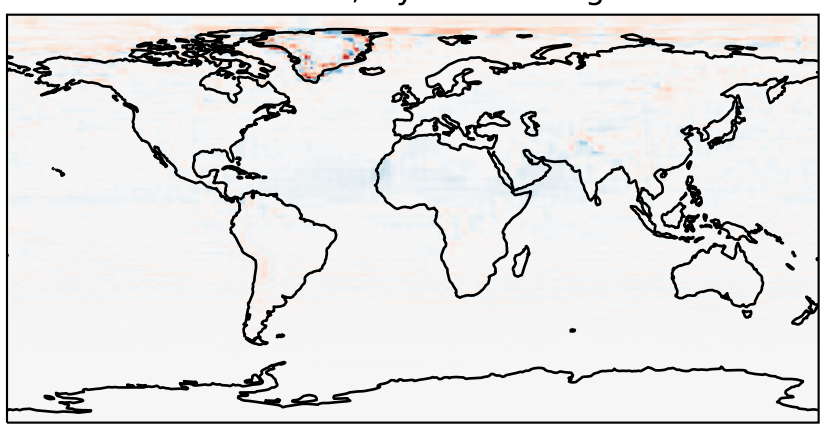


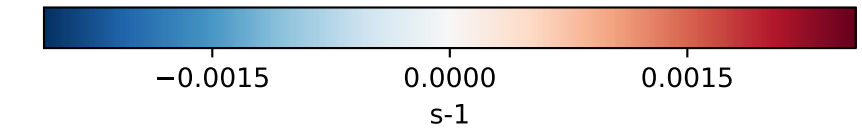
GCHP_13.1.0-beta.1 (Dev)
c48



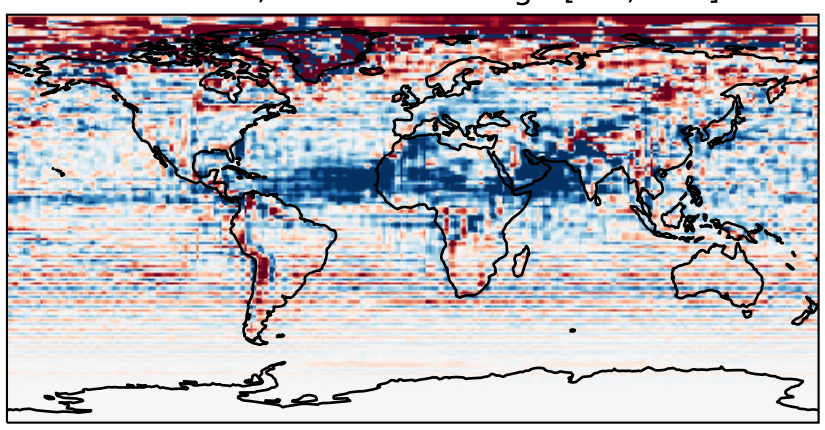


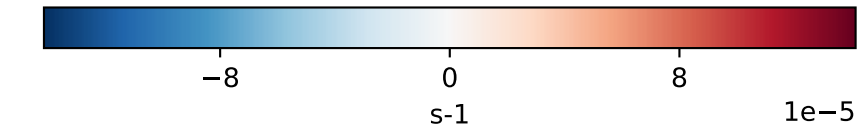
Difference (1x1.25)
Dev - Ref, Dynamic Range



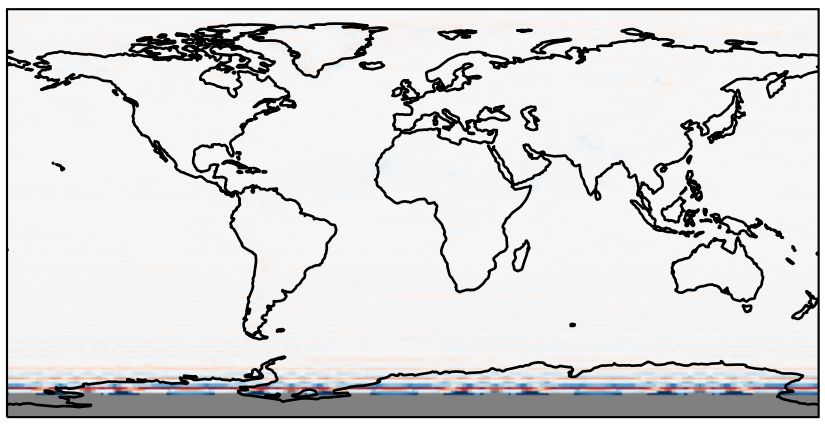


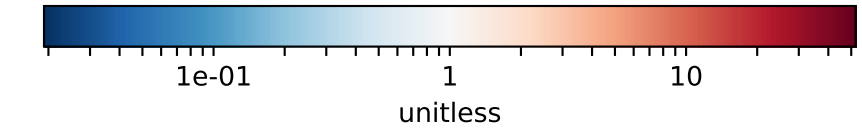
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



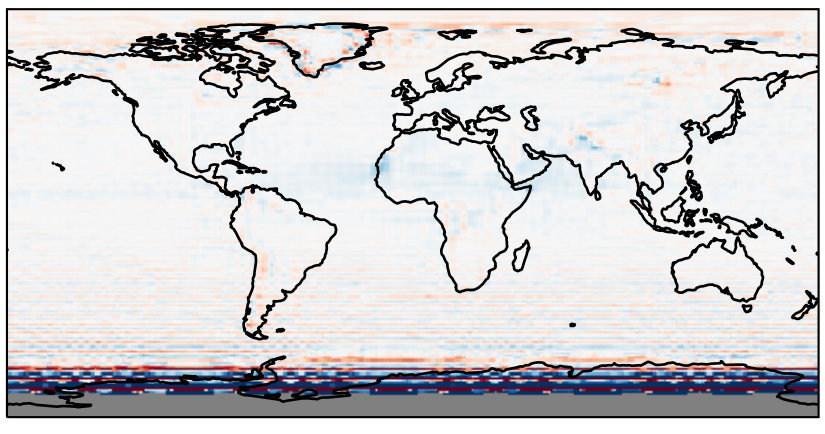


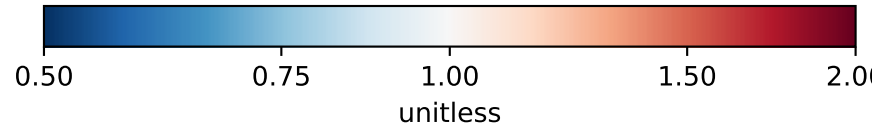
Ratio (1x1.25)
Dev/Ref, Dynamic Range





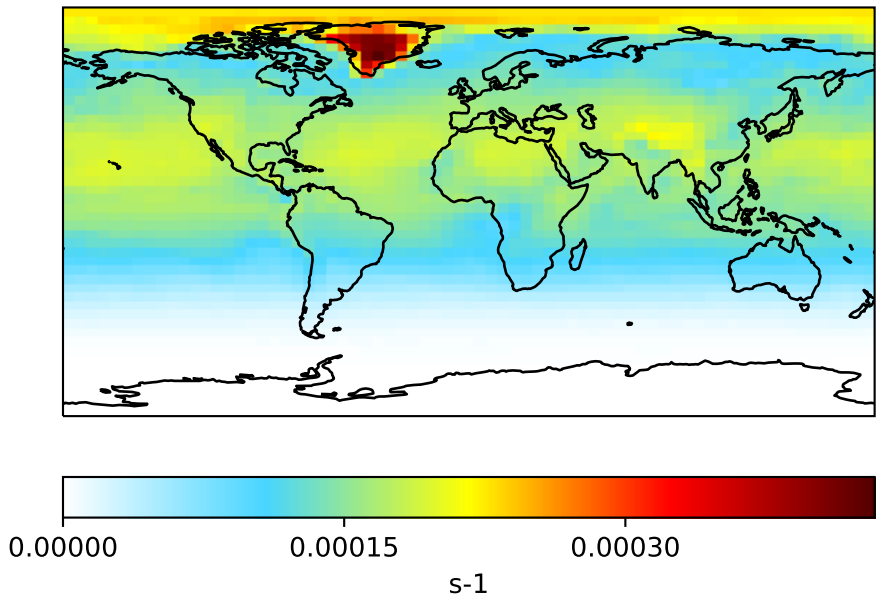
Ratio (1x1.25)
Dev/Ref, Fixed Range



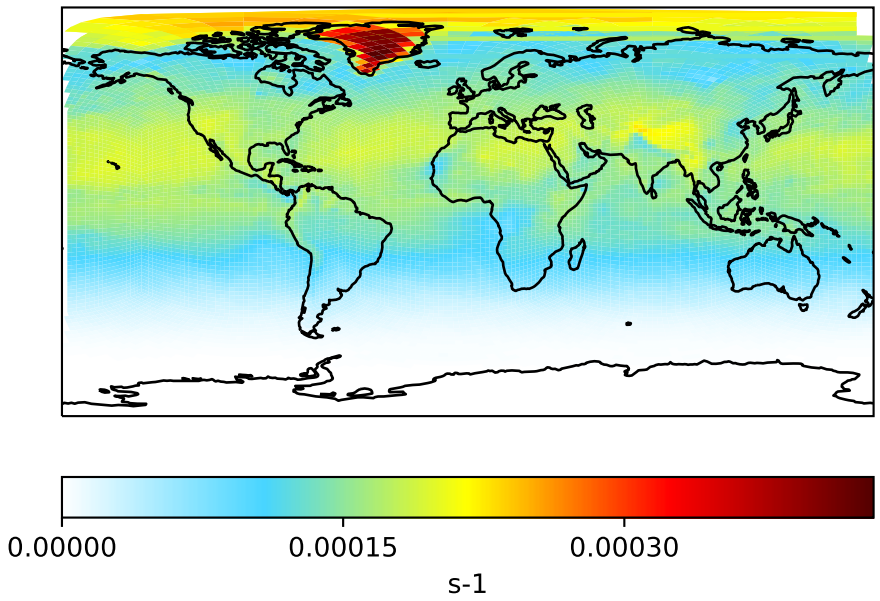


Jval_CH2IBr

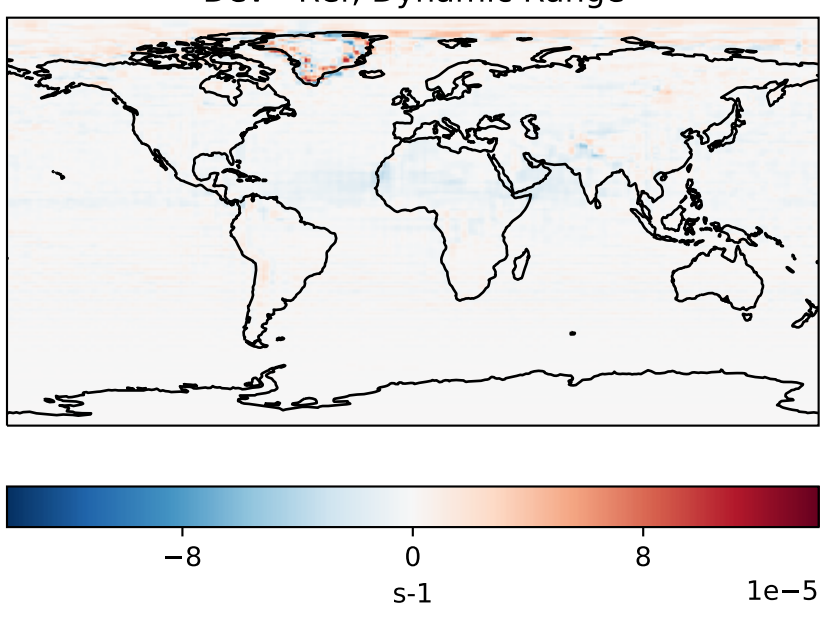
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



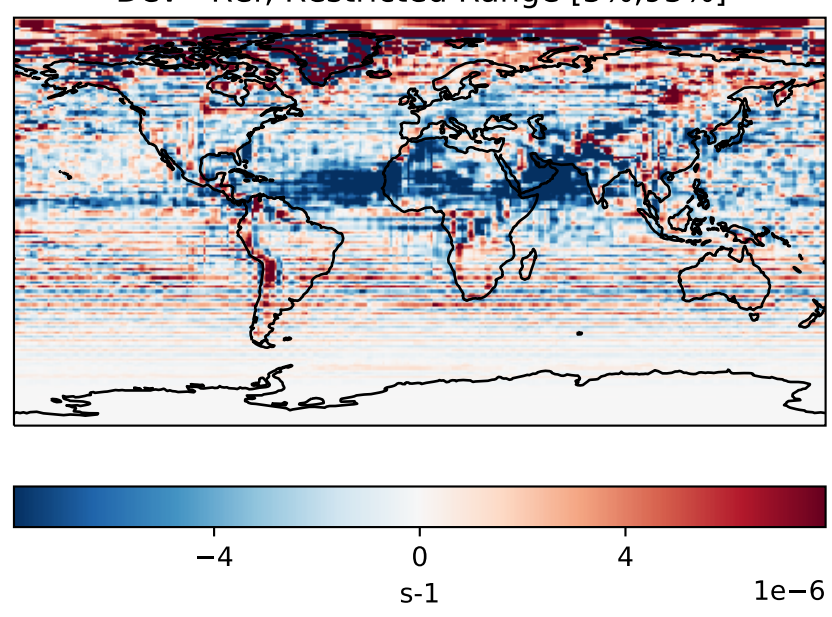
GCHP_13.1.0-beta.1 (Dev)
c48



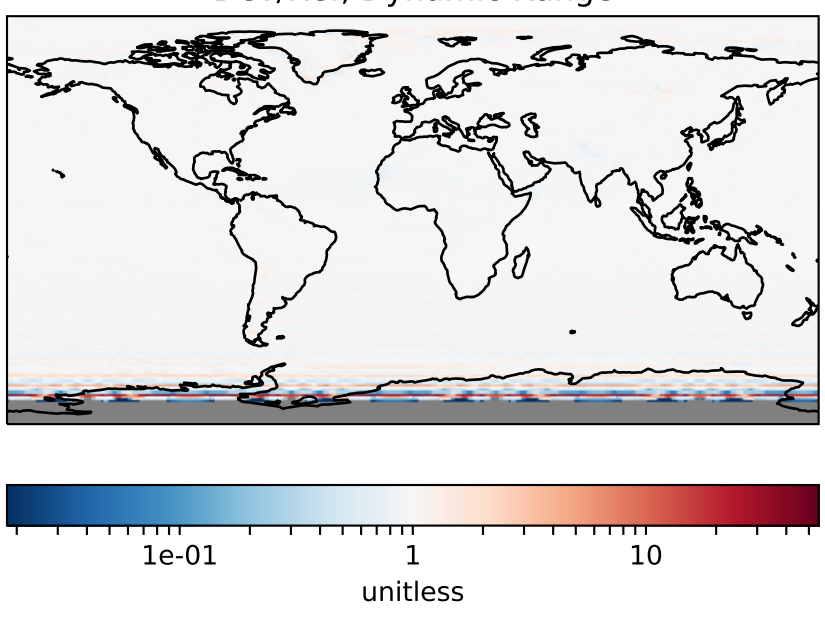
Difference (1x1.25)
Dev - Ref, Dynamic Range



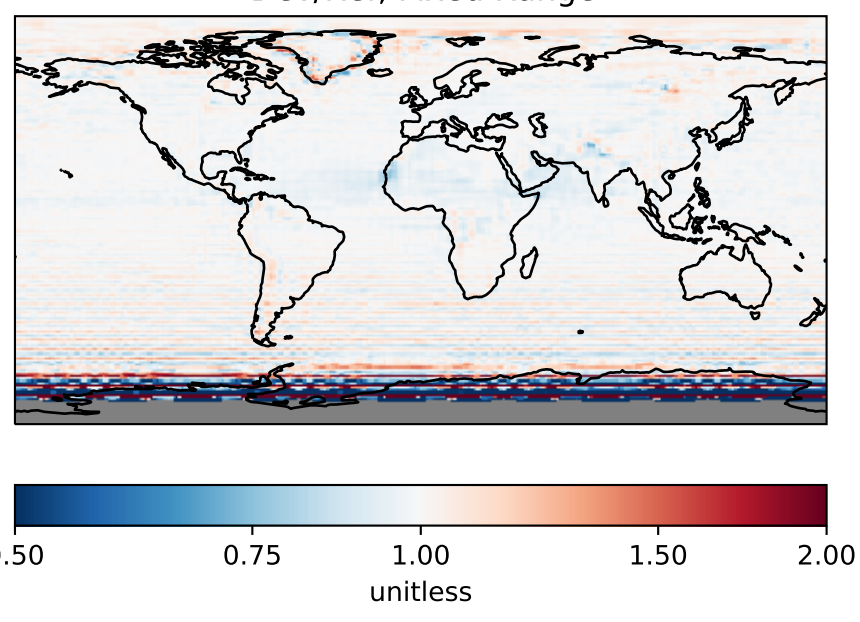
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

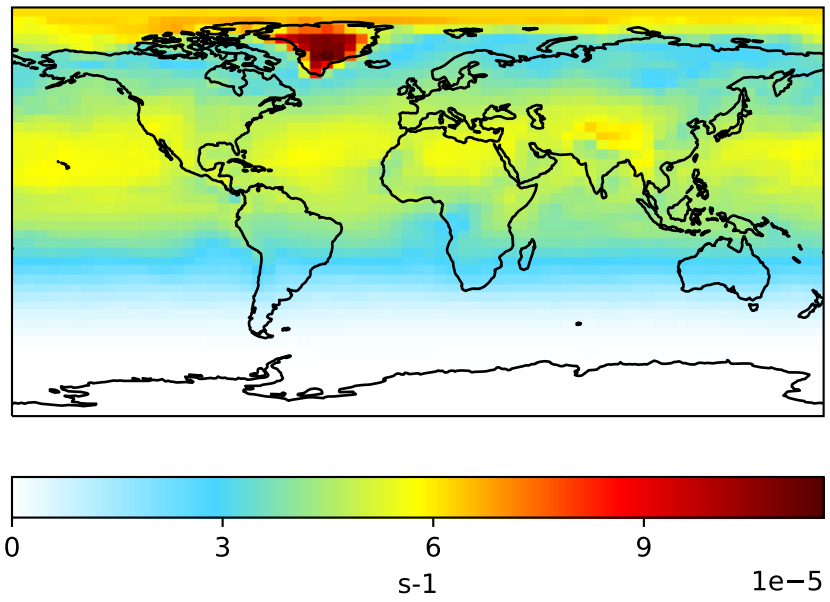


Ratio (1x1.25)
Dev/Ref, Fixed Range

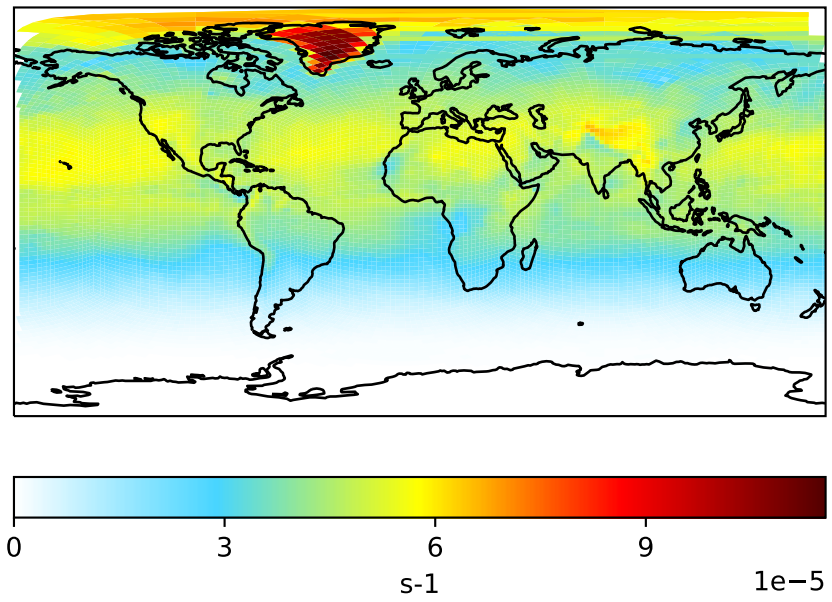


Jval_CH2ICl

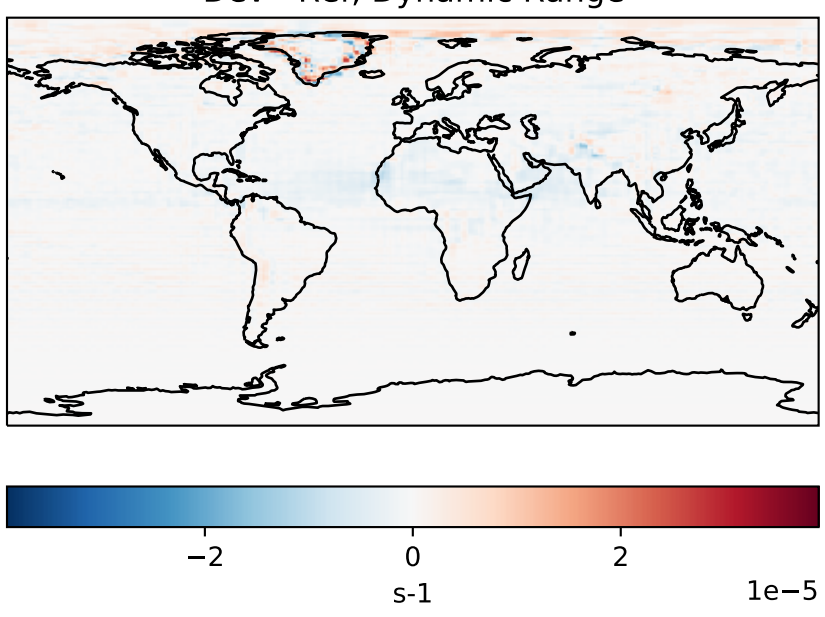
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



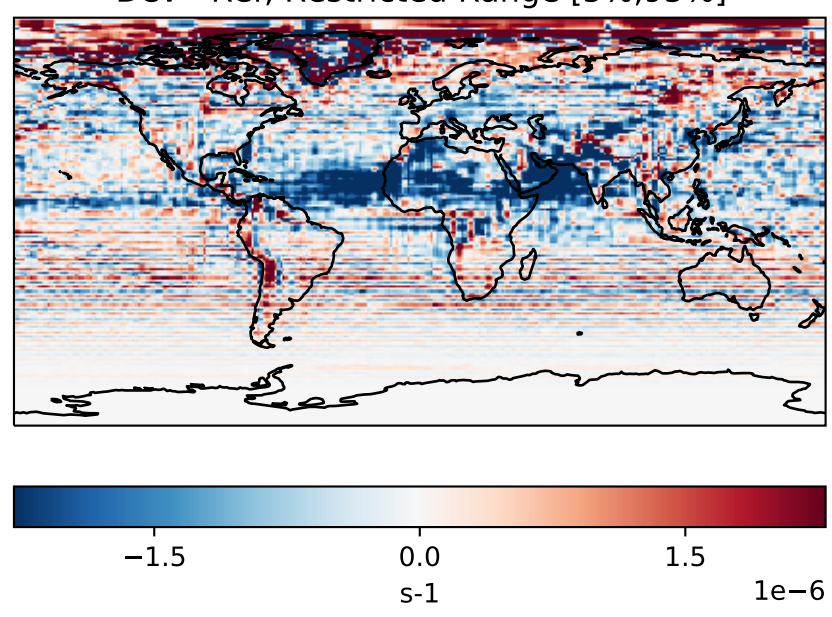
GCHP_13.1.0-beta.1 (Dev)
c48



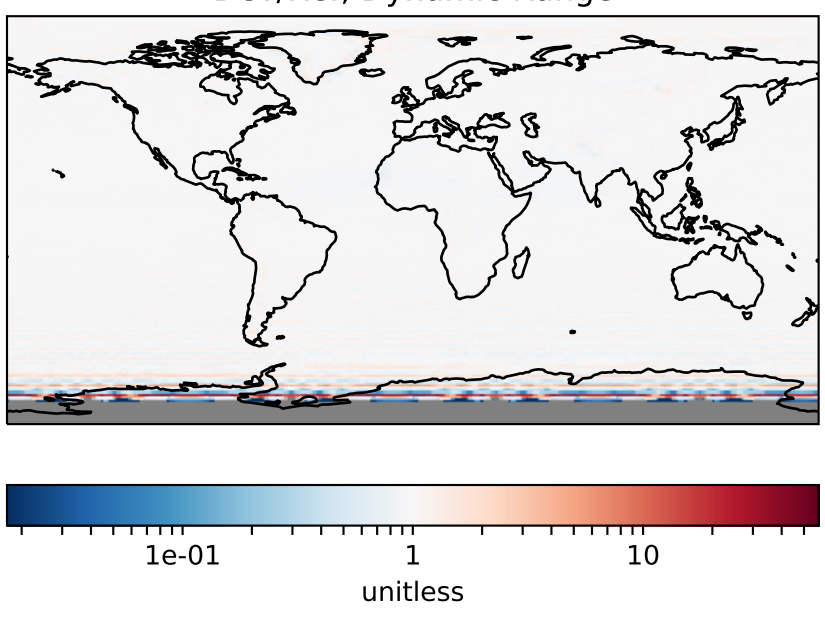
Difference (1x1.25)
Dev - Ref, Dynamic Range



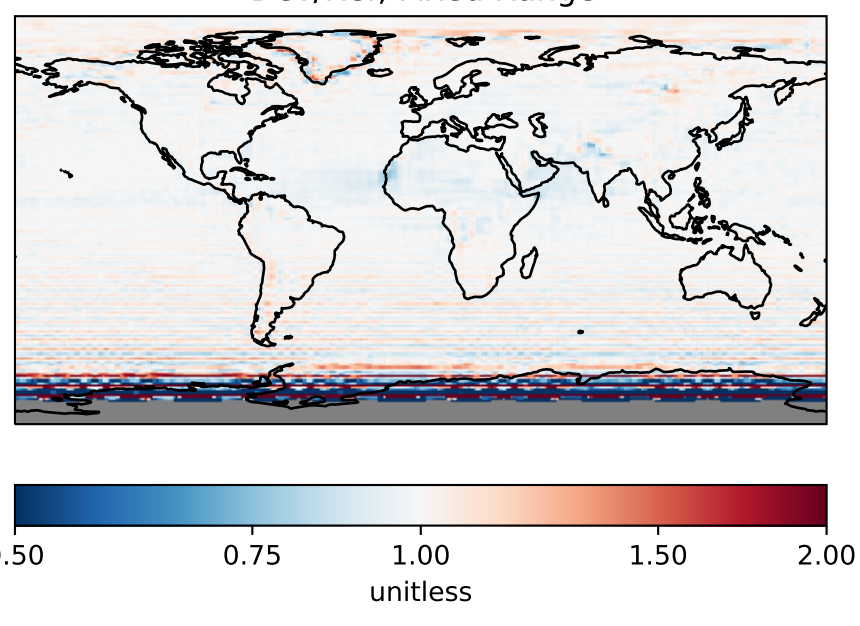
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

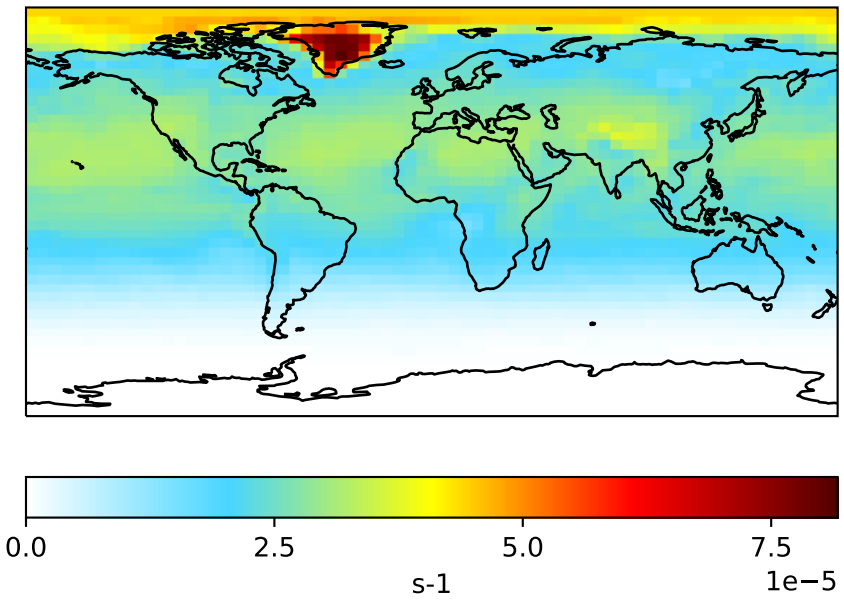


Ratio (1x1.25)
Dev/Ref, Fixed Range

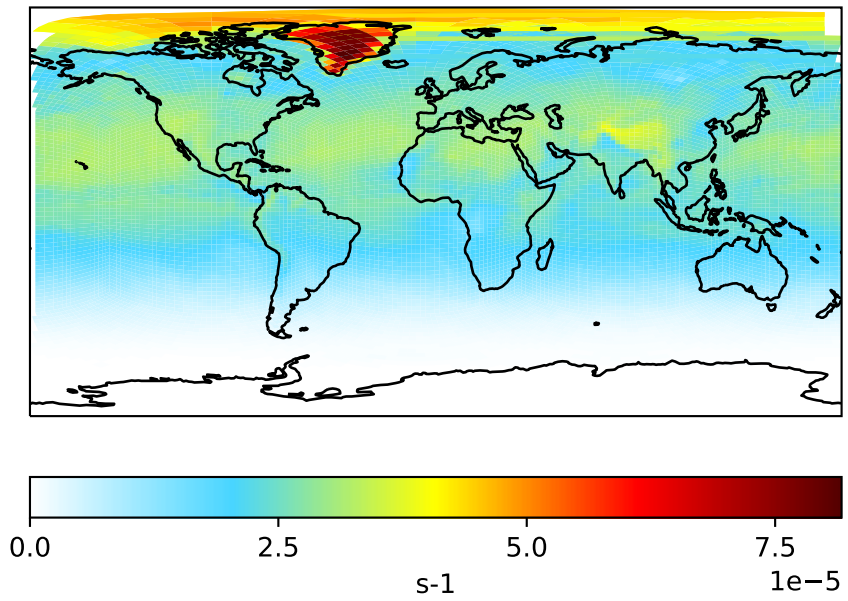


Jval_CH2O

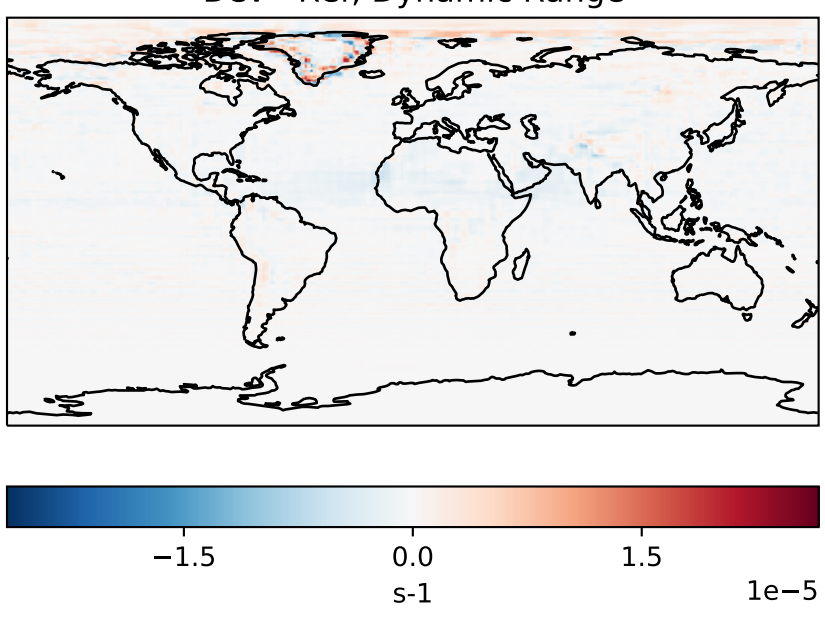
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



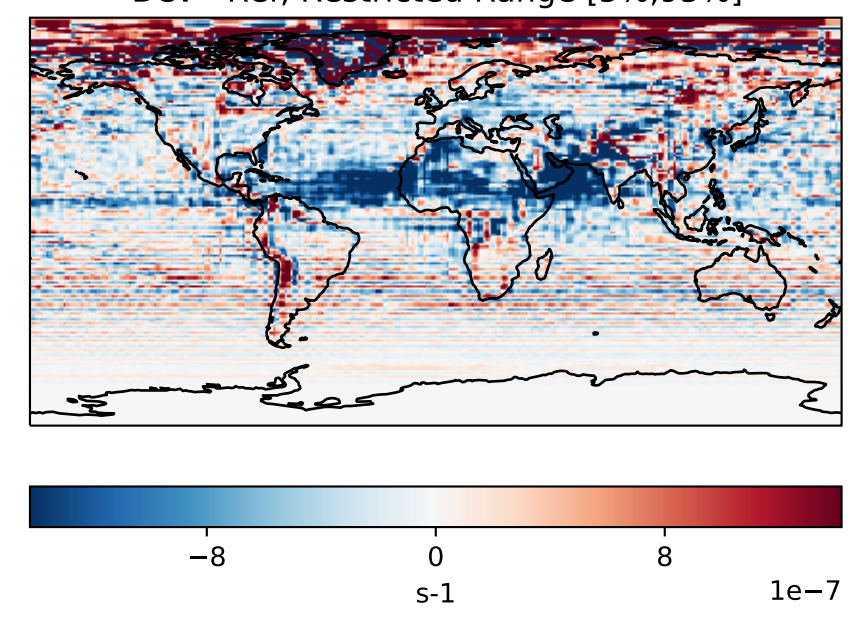
GCHP_13.1.0-beta.1 (Dev)
c48



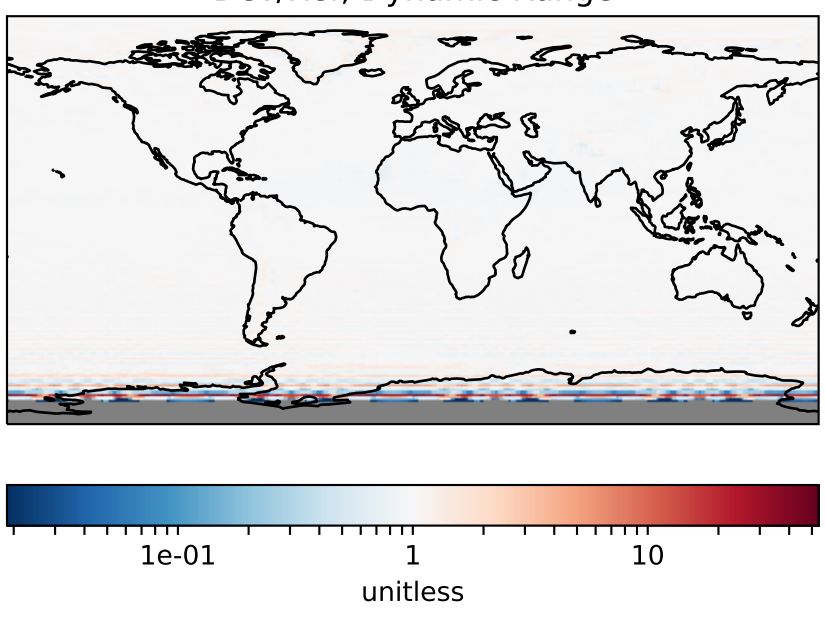
Difference (1x1.25)
Dev - Ref, Dynamic Range



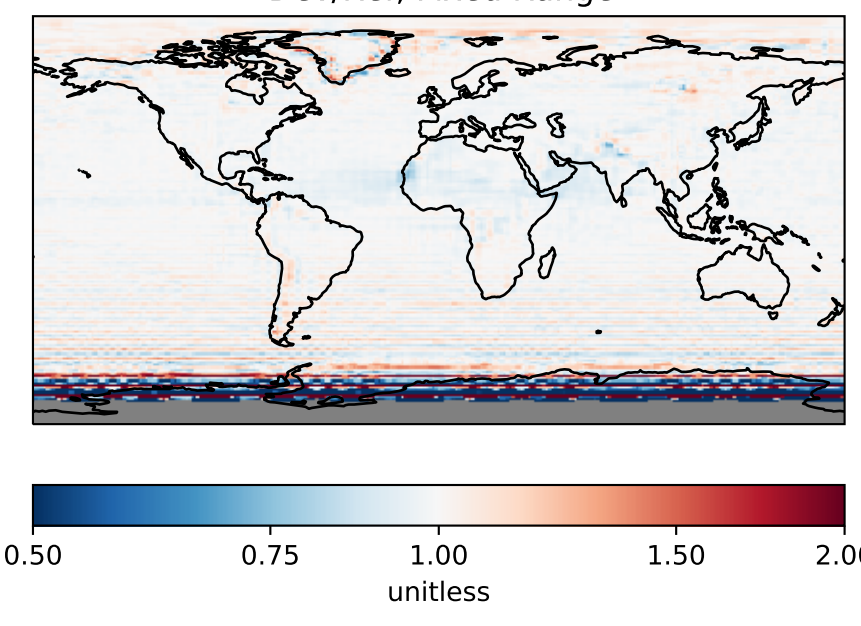
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

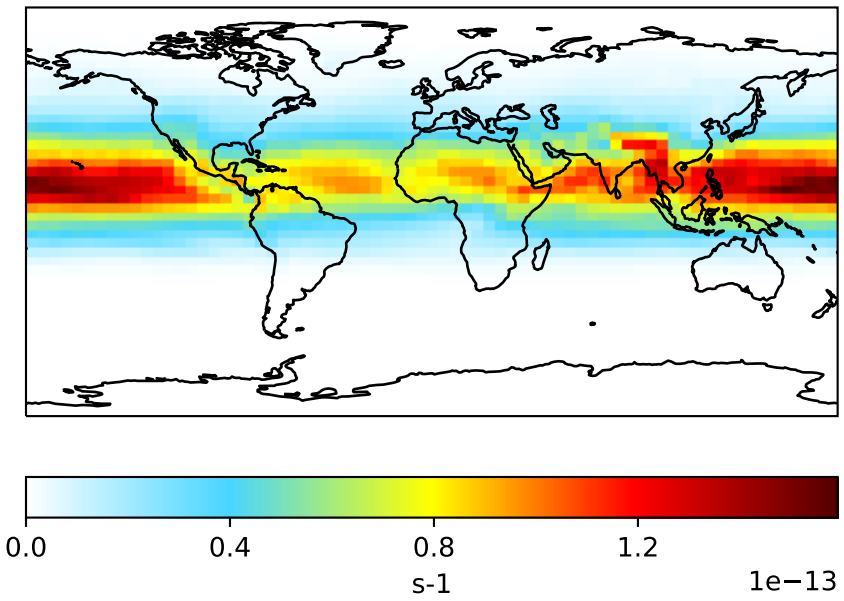


Ratio (1x1.25)
Dev/Ref, Fixed Range

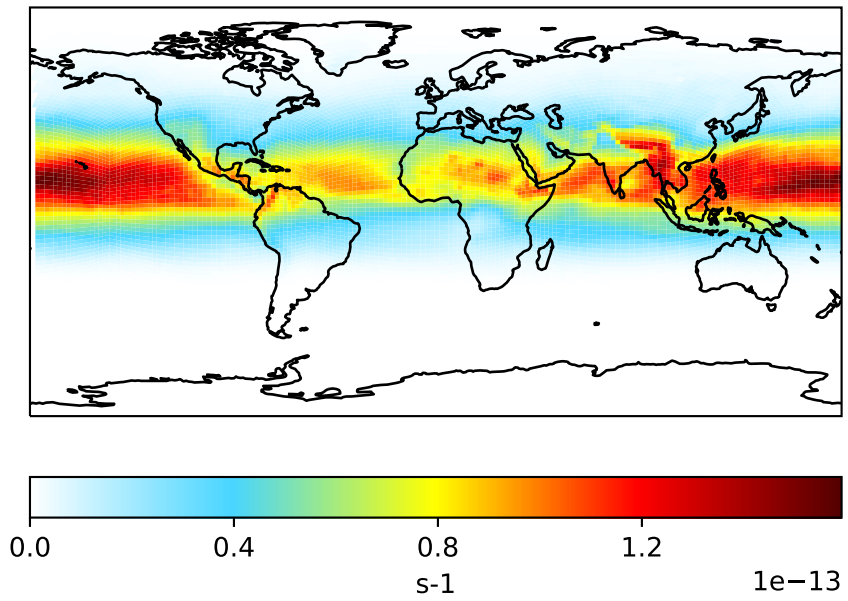


Jval_CH3Br

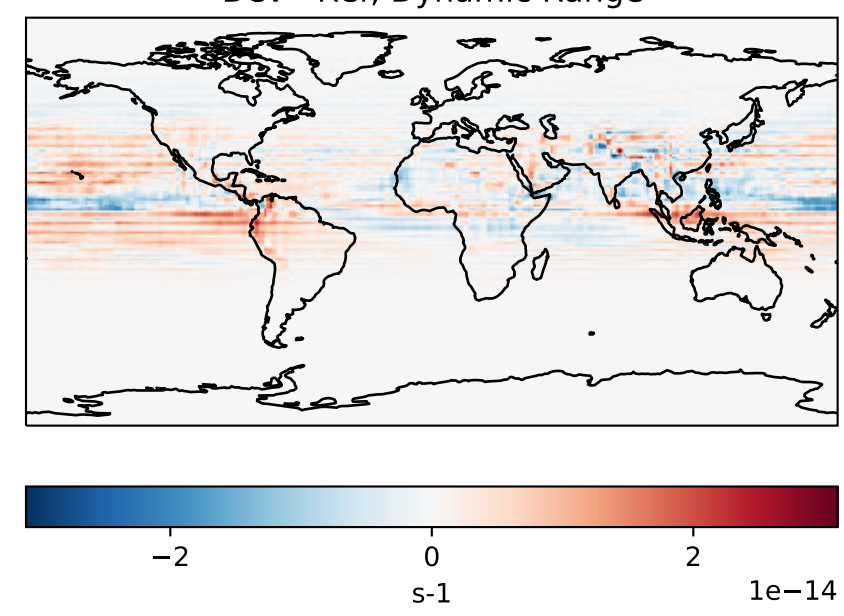
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



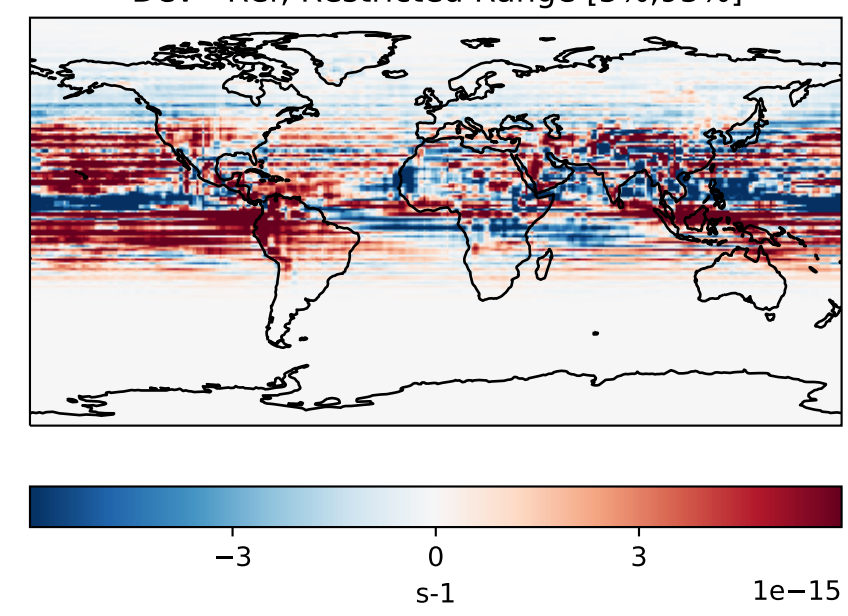
GCHP_13.1.0-beta.1 (Dev)
c48



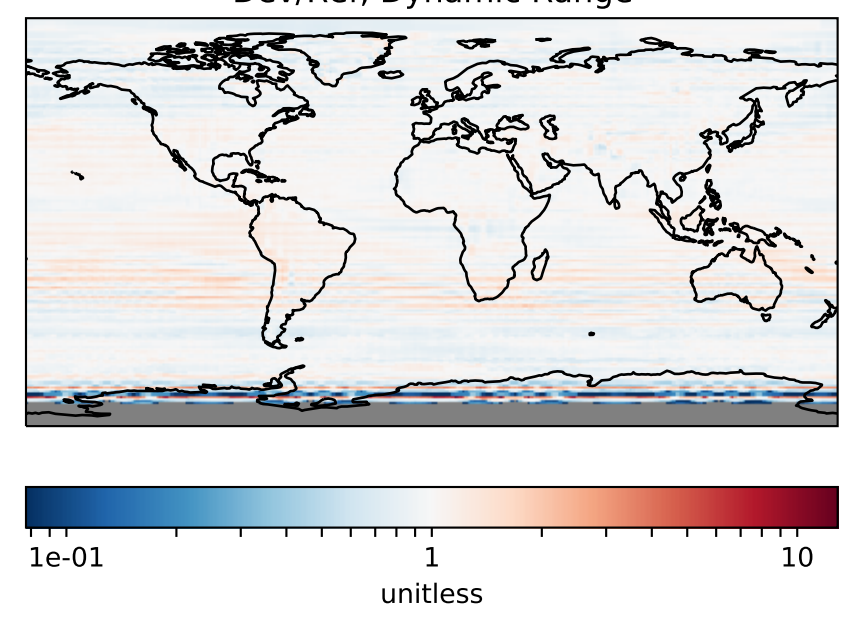
Difference (1x1.25)
Dev - Ref, Dynamic Range



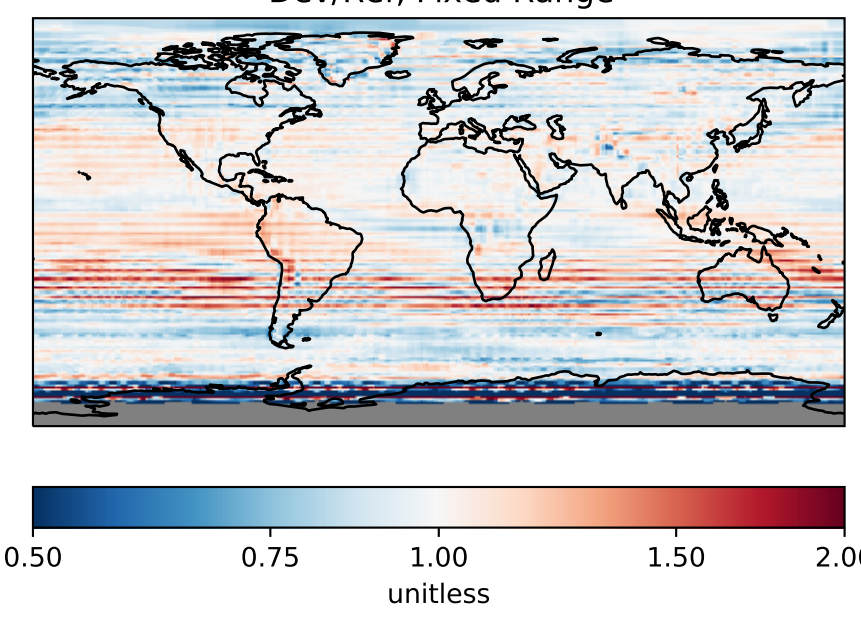
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

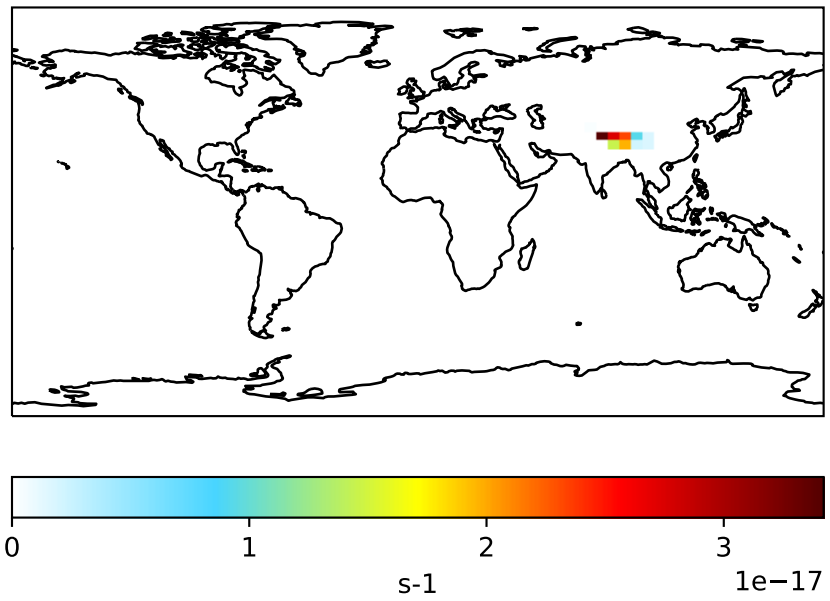


Ratio (1x1.25)
Dev/Ref, Fixed Range

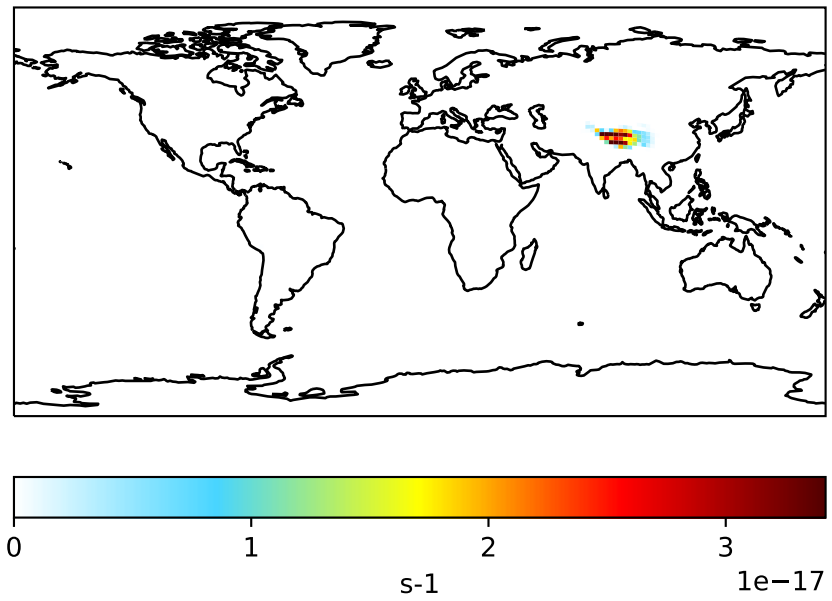


Jval_CH3CCl3

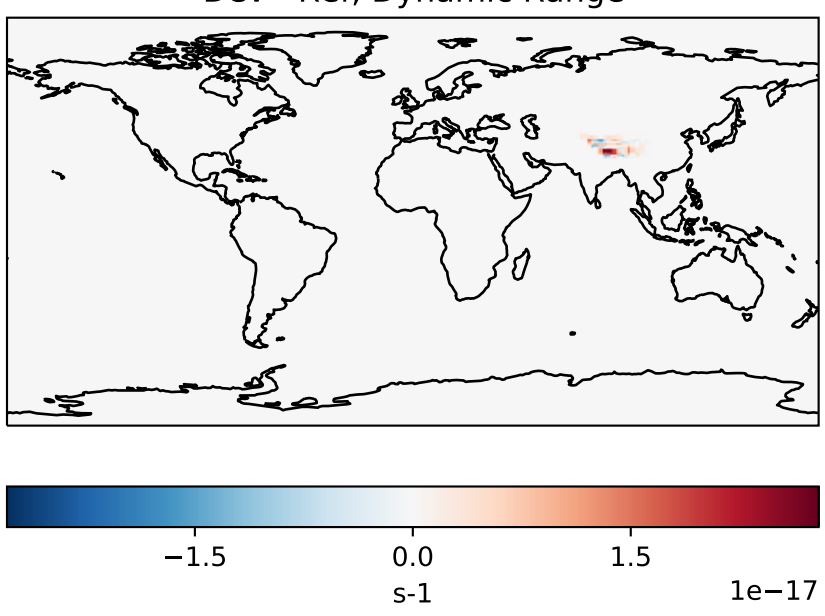
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



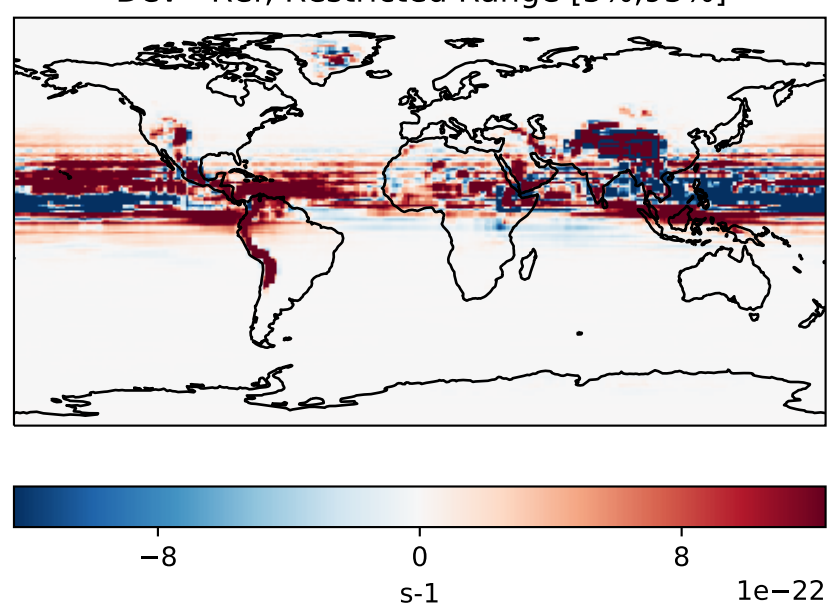
GCHP_13.1.0-beta.1 (Dev)
c48



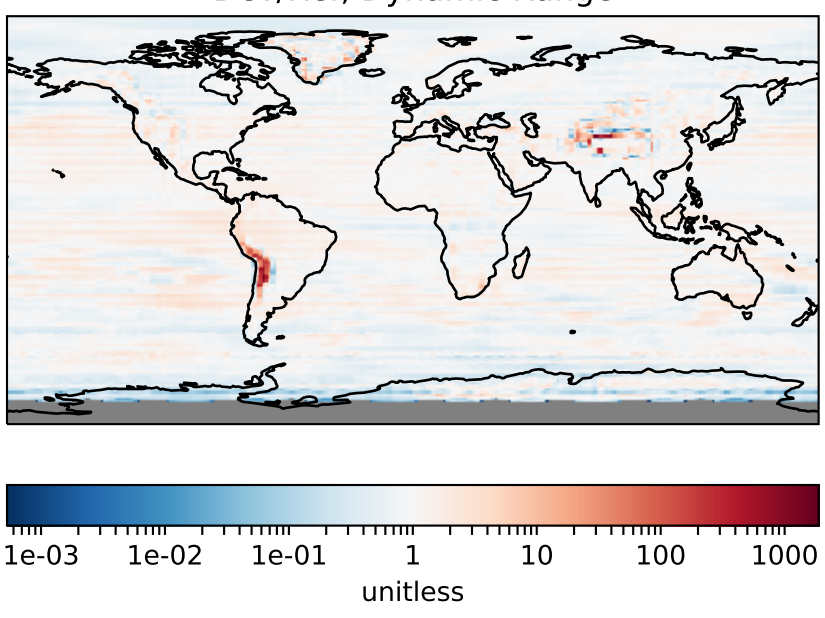
Difference (1x1.25)
Dev - Ref, Dynamic Range



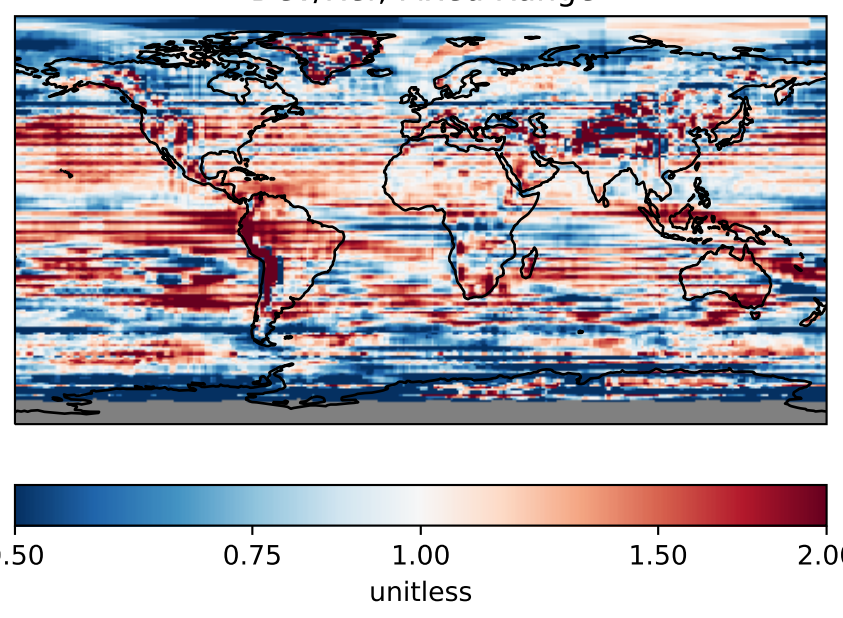
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

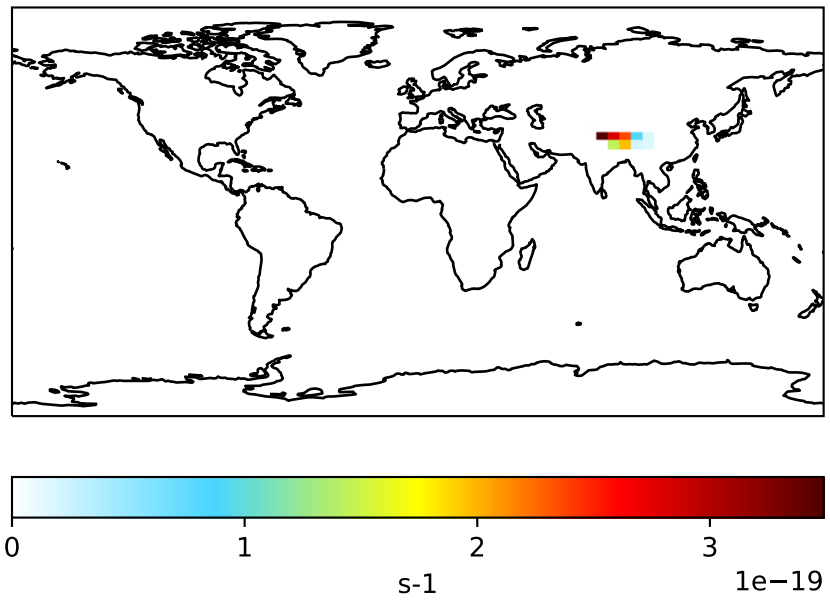


Ratio (1x1.25)
Dev/Ref, Fixed Range

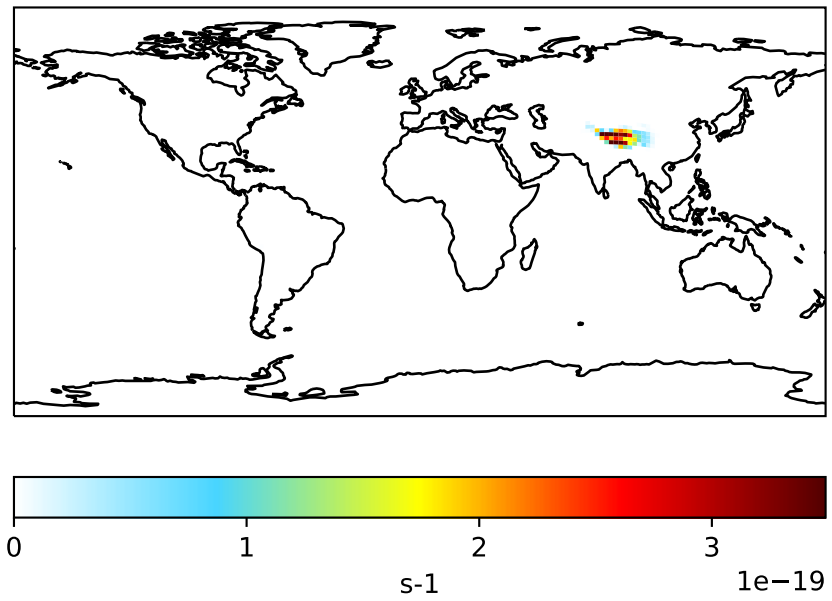


Jval_CH3Cl

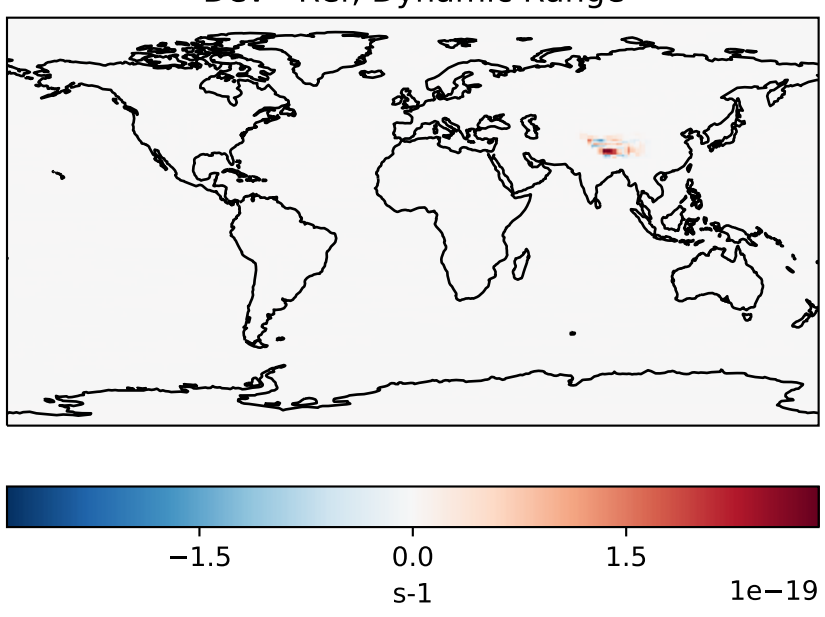
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



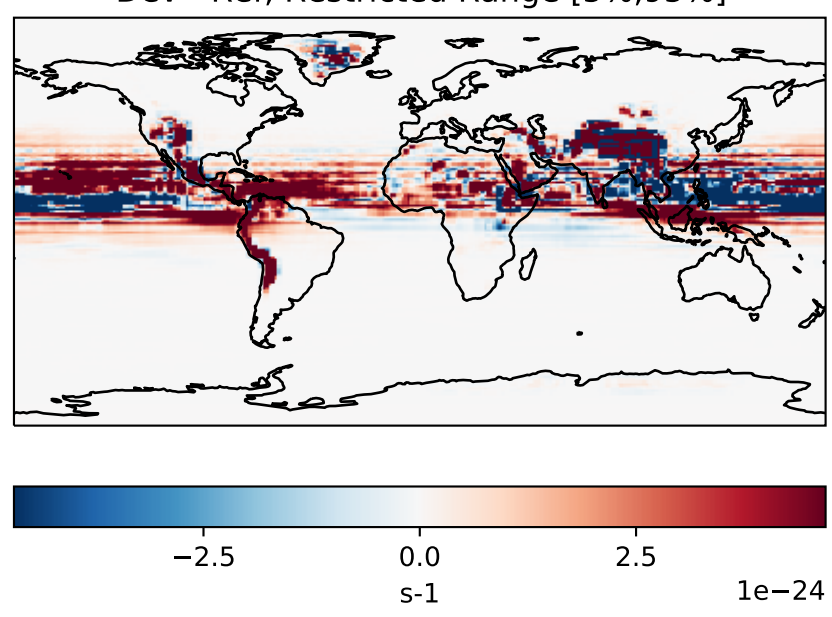
GCHP_13.1.0-beta.1 (Dev)
c48



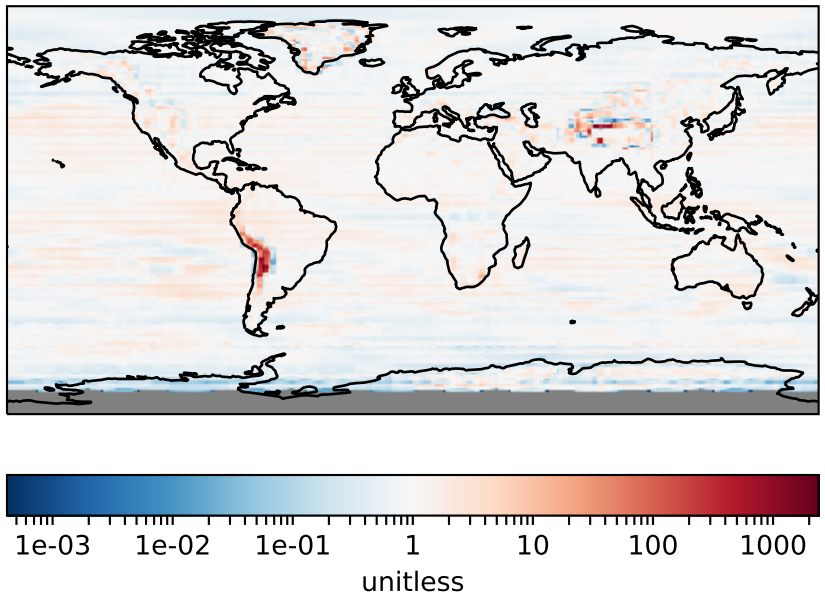
Difference (1x1.25)
Dev - Ref, Dynamic Range



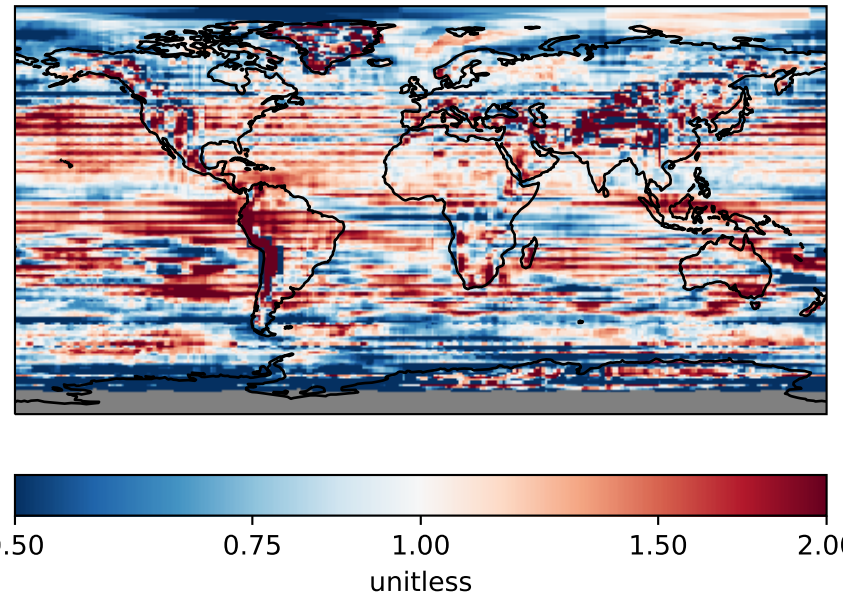
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

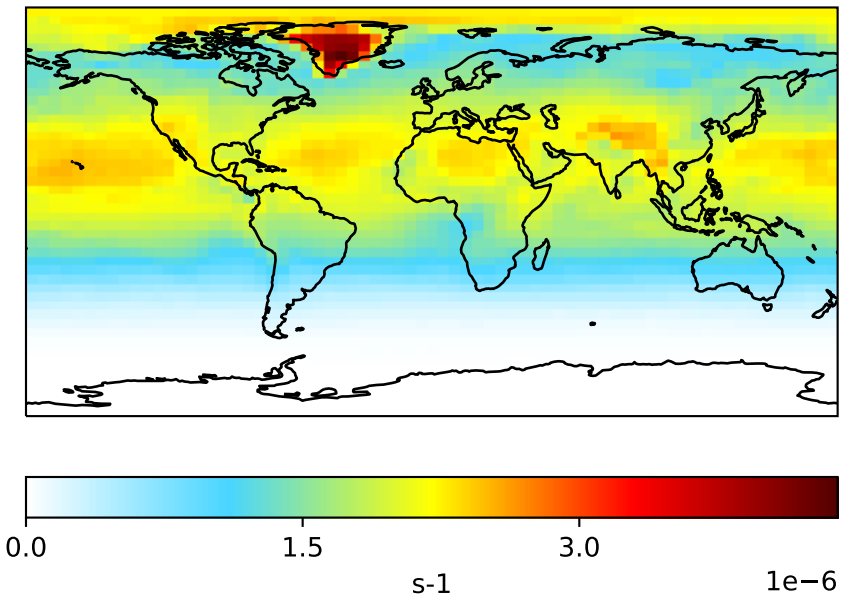


Ratio (1x1.25)
Dev/Ref, Fixed Range

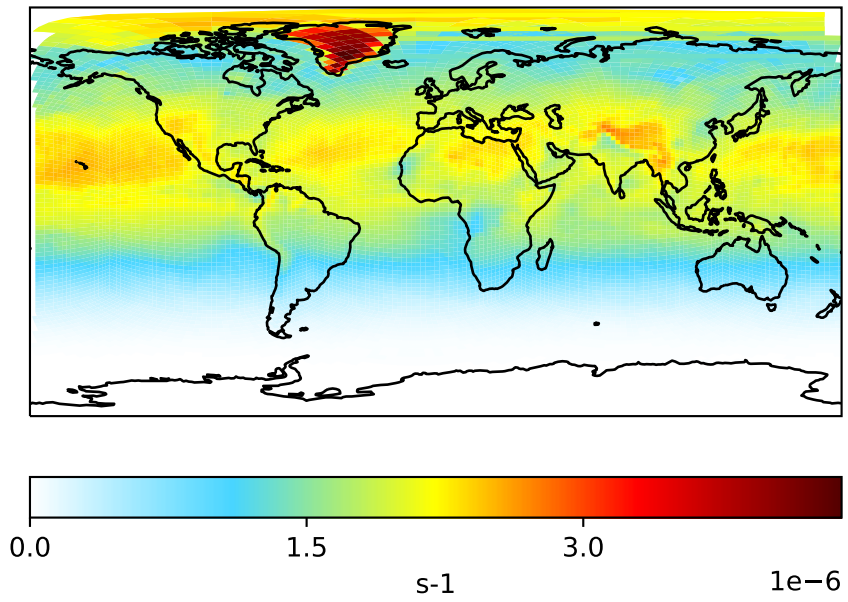


Jval_CH3I

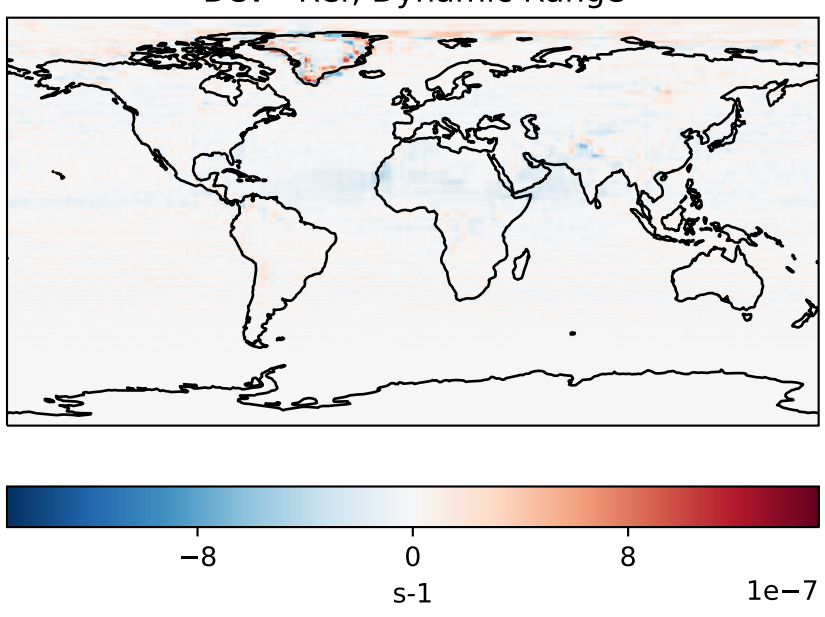
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



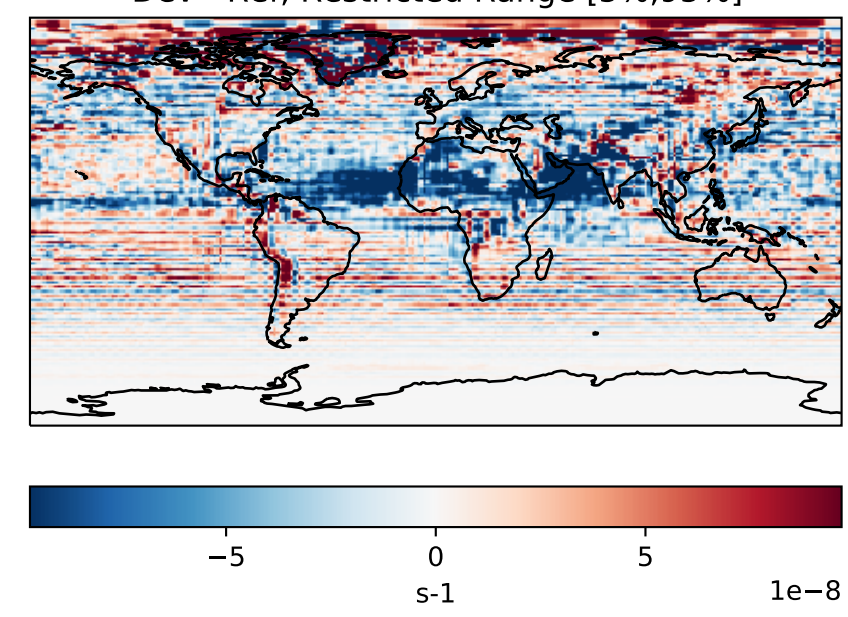
GCHP_13.1.0-beta.1 (Dev)
c48



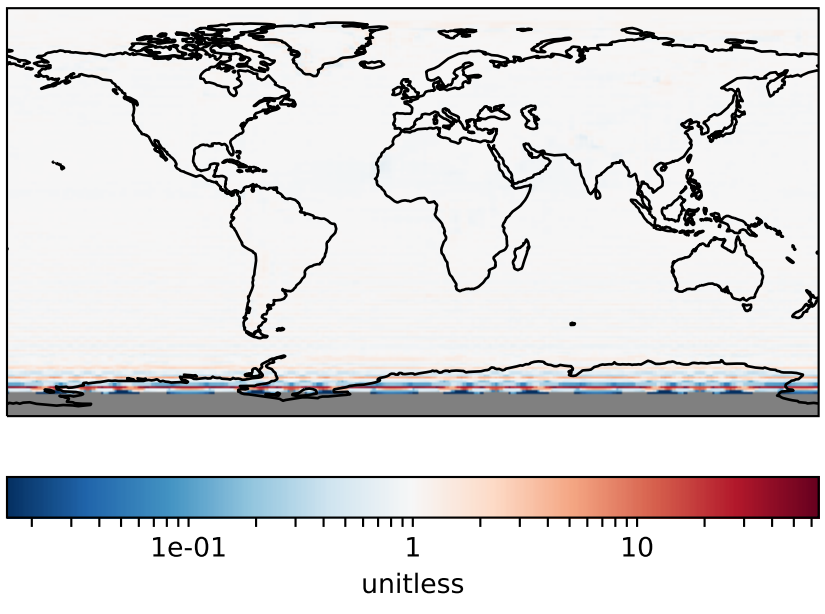
Difference (1x1.25)
Dev - Ref, Dynamic Range



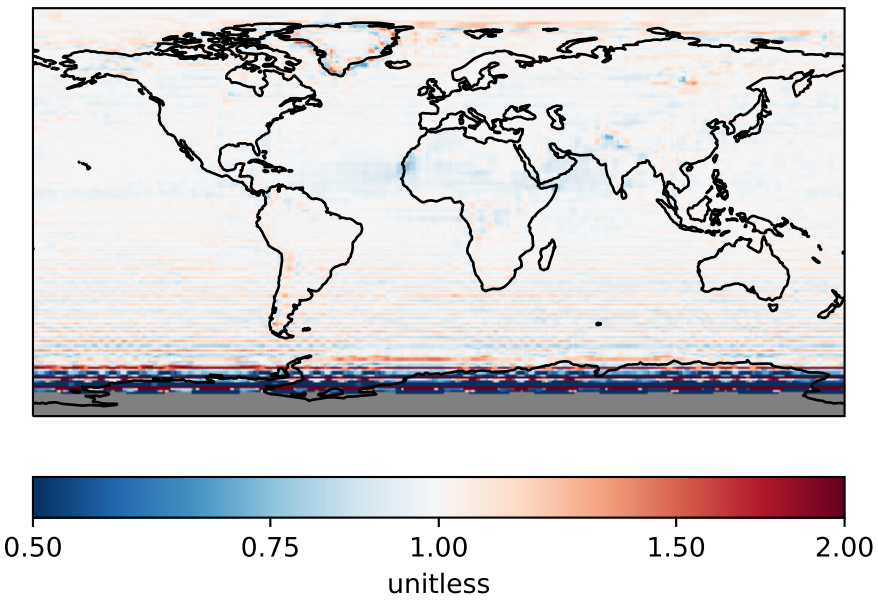
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

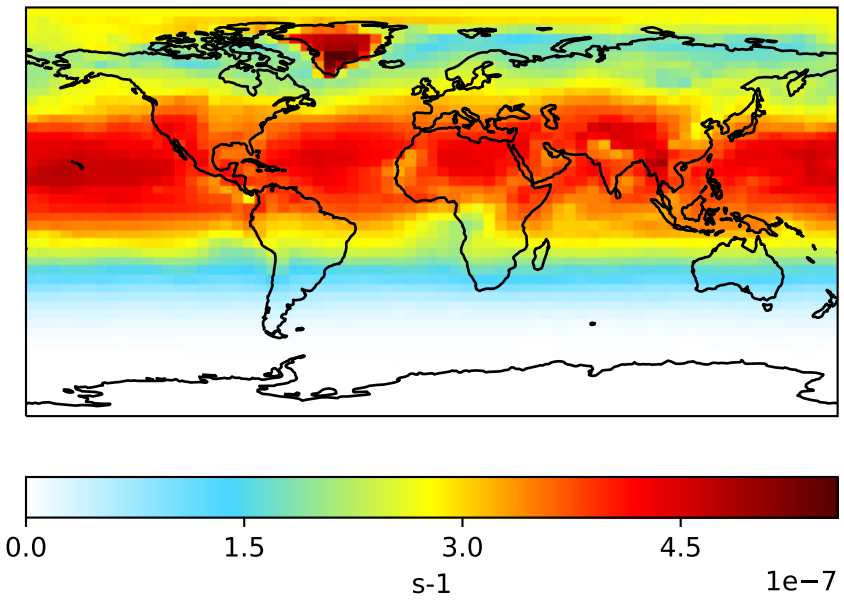


Ratio (1x1.25)
Dev/Ref, Fixed Range

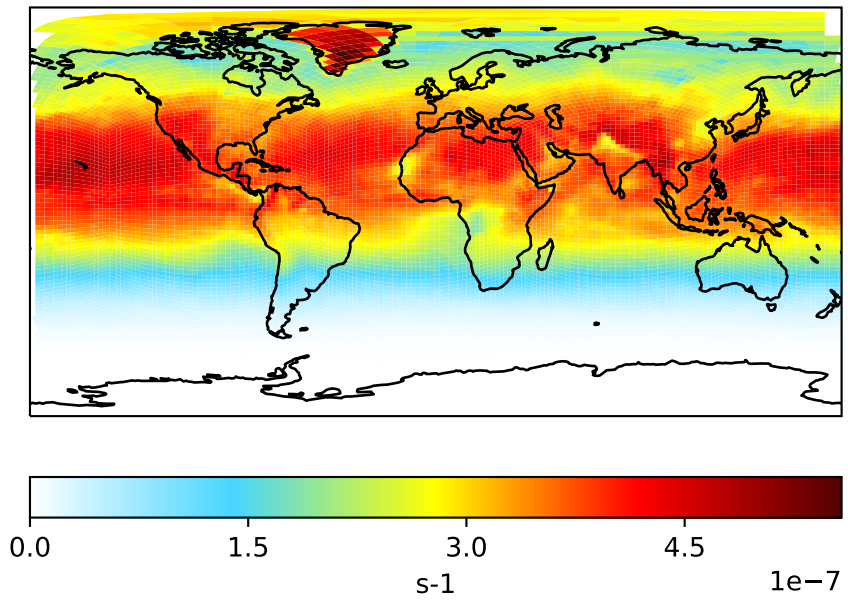


Jval_CHBr3

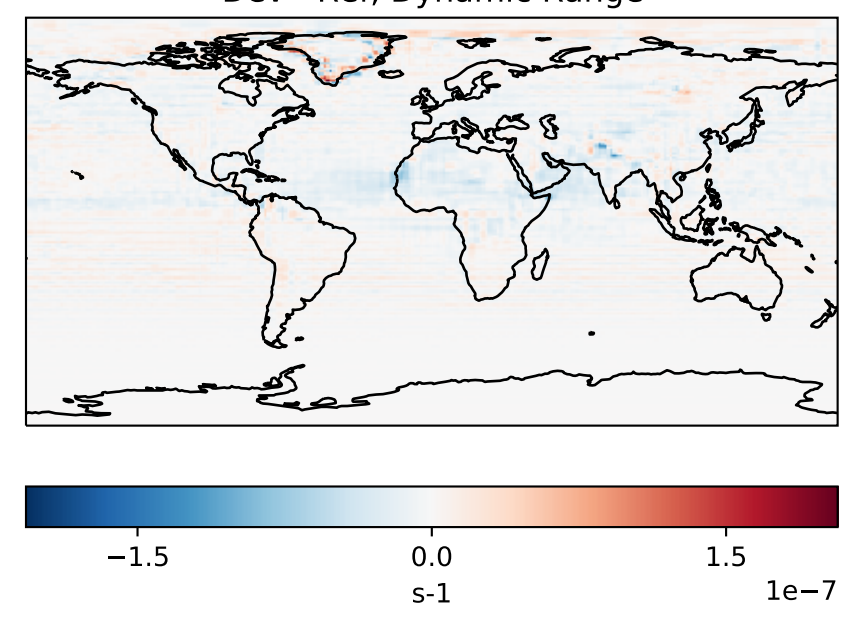
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



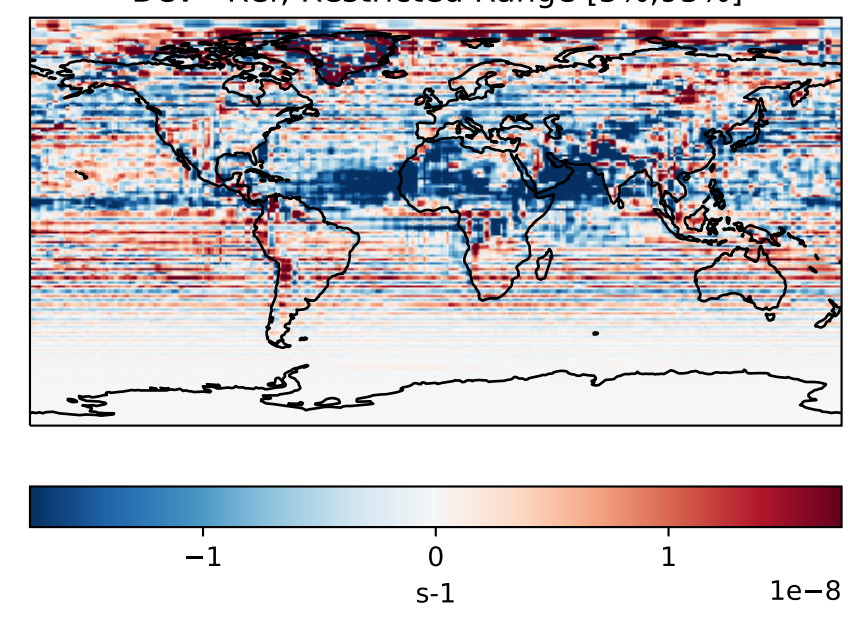
GCHP_13.1.0-beta.1 (Dev)
c48



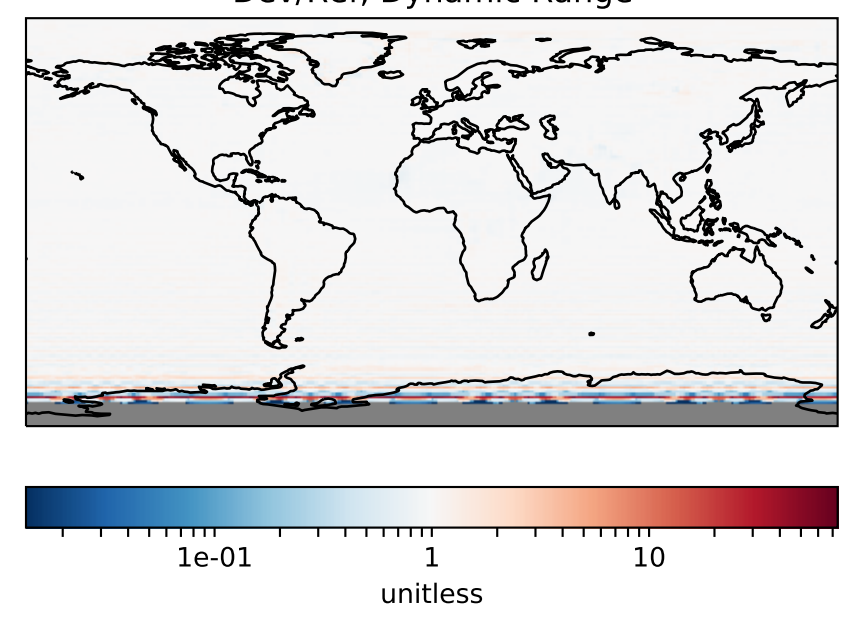
Difference (1x1.25)
Dev - Ref, Dynamic Range



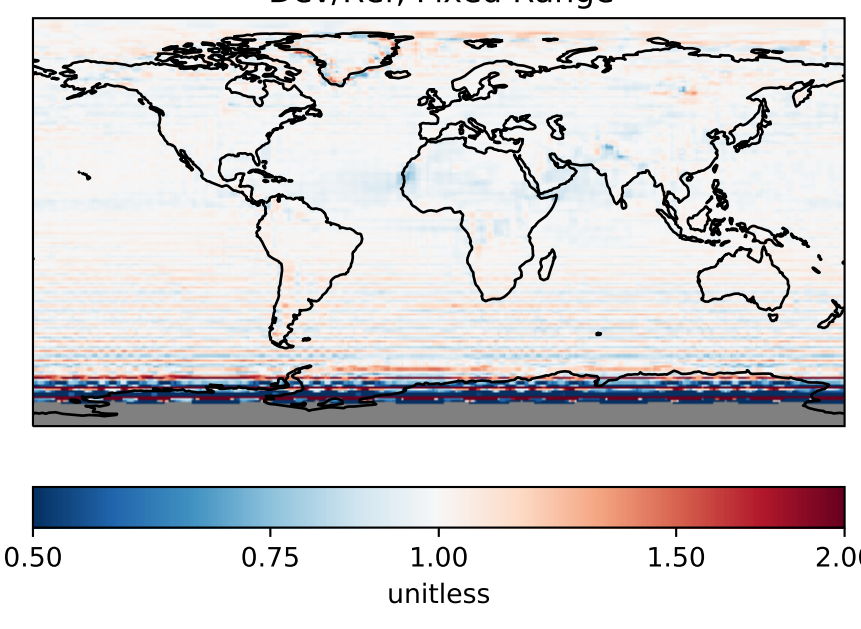
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

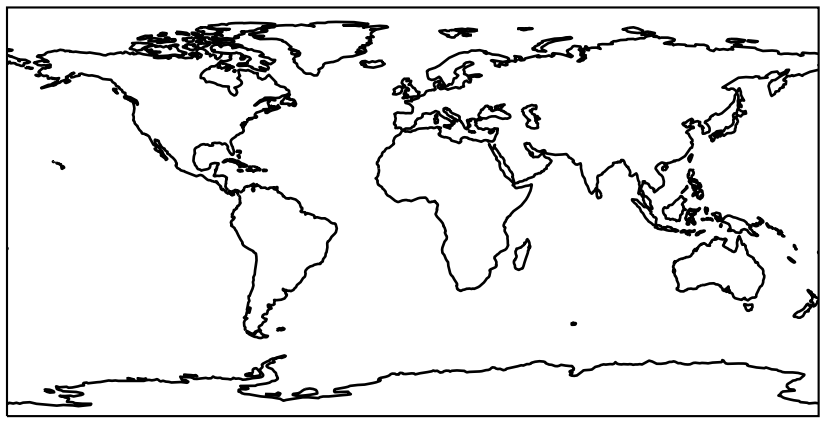


Ratio (1x1.25)
Dev/Ref, Fixed Range



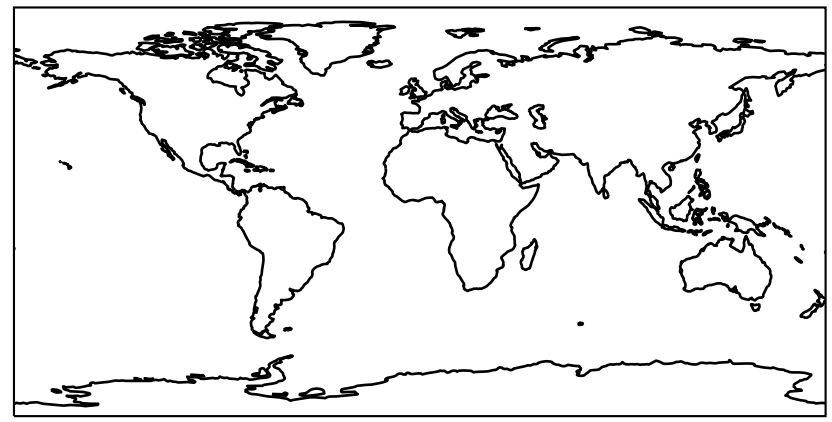
Jval_CHCl3

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



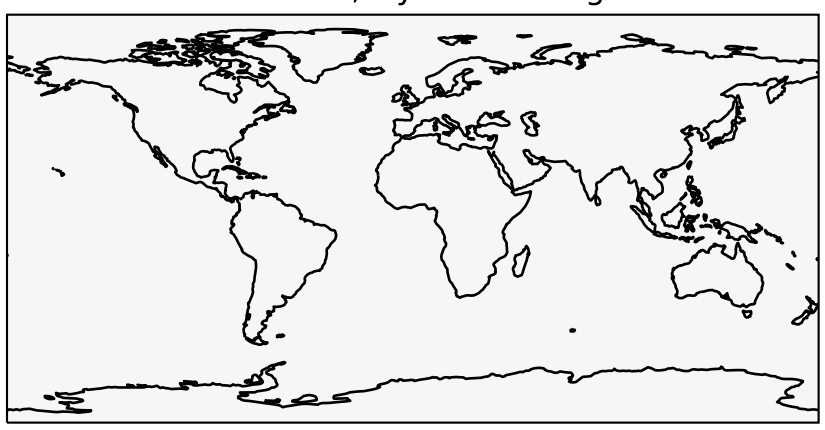
Zero throughout domain
s-1

GCHP_13.1.0-beta.1 (Dev)
c48



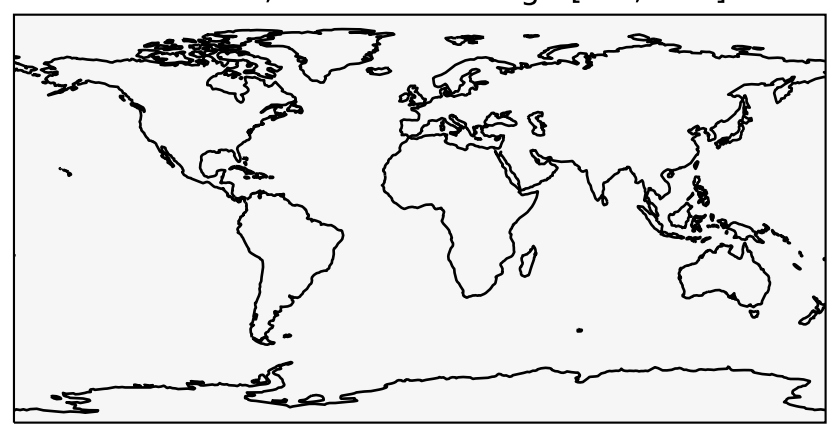
Zero throughout domain
s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



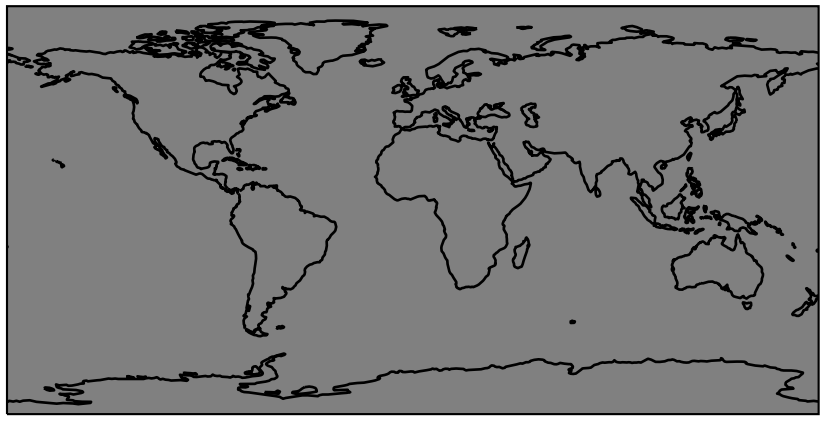
Zero throughout domain
s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



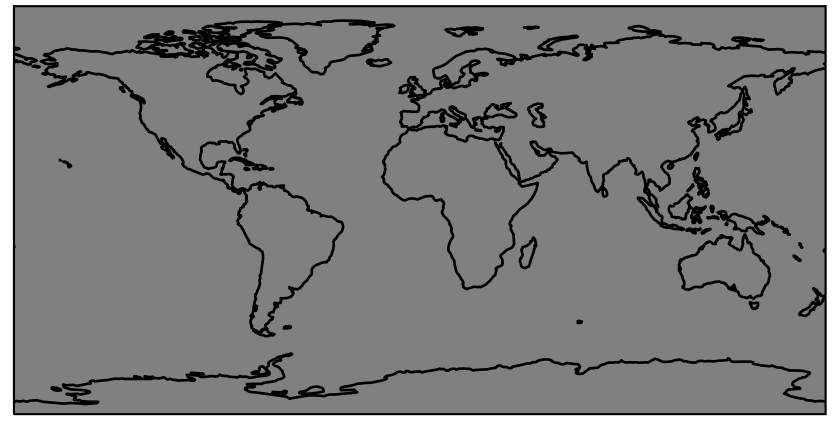
Zero throughout domain
s-1

Ratio (1x1.25)
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

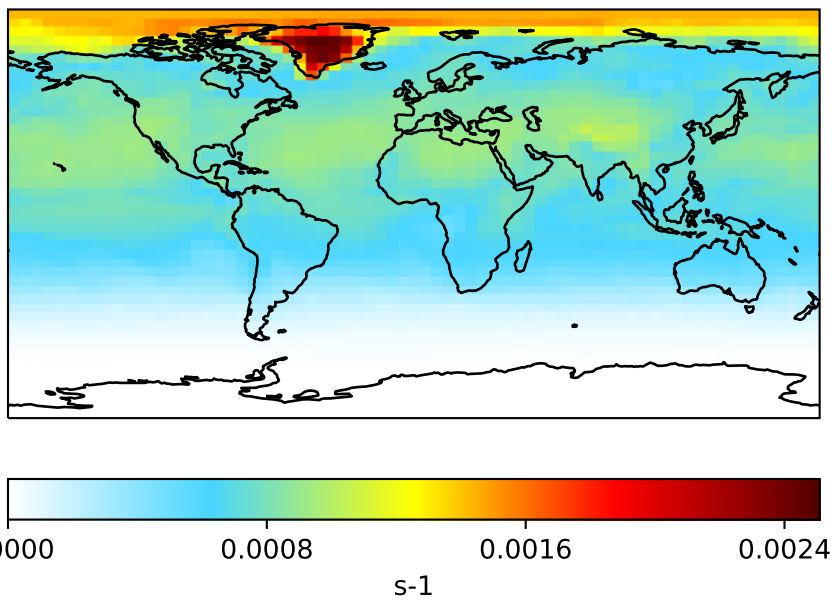
Ratio (1x1.25)
Dev/Ref, Fixed Range



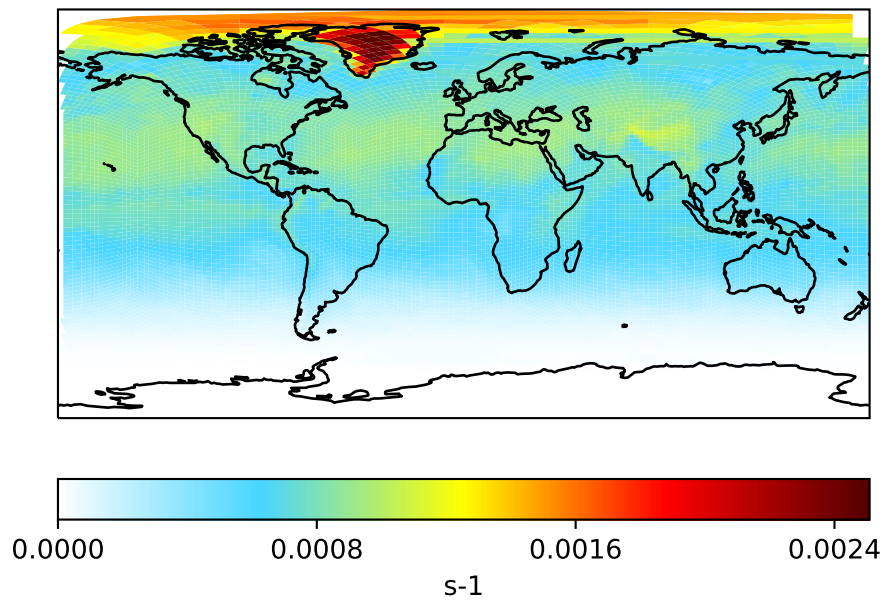
Undefined throughout domain
unitless

Jval_Cl2

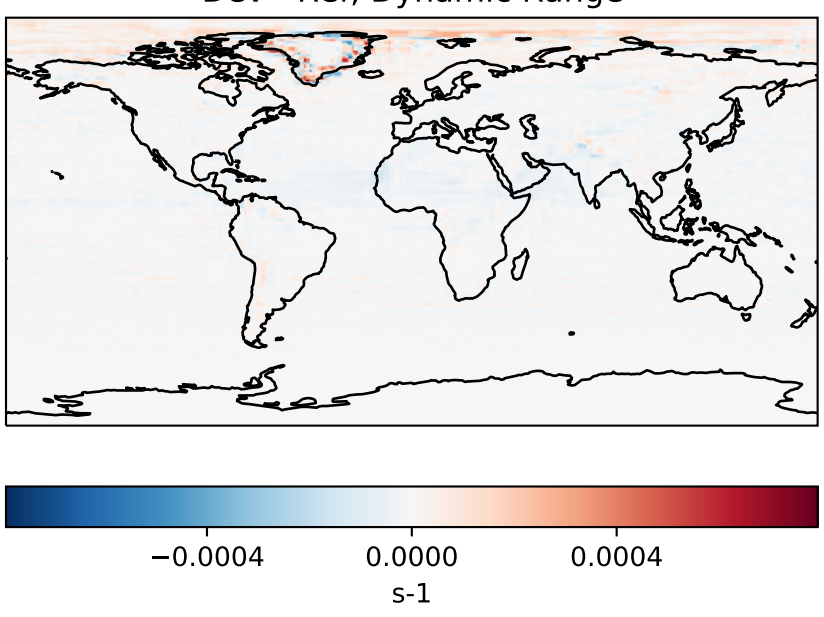
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



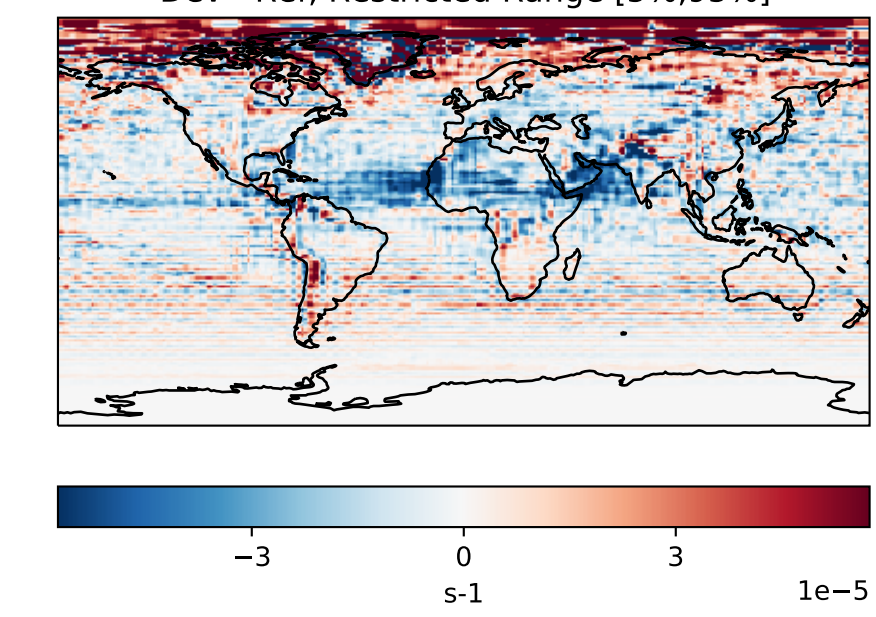
GCHP_13.1.0-beta.1 (Dev)
c48



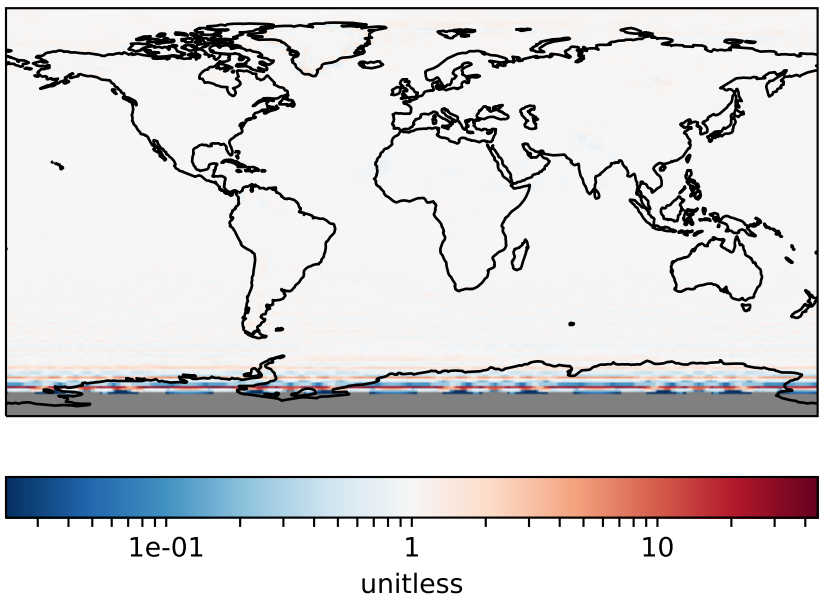
Difference (1x1.25)
Dev - Ref, Dynamic Range



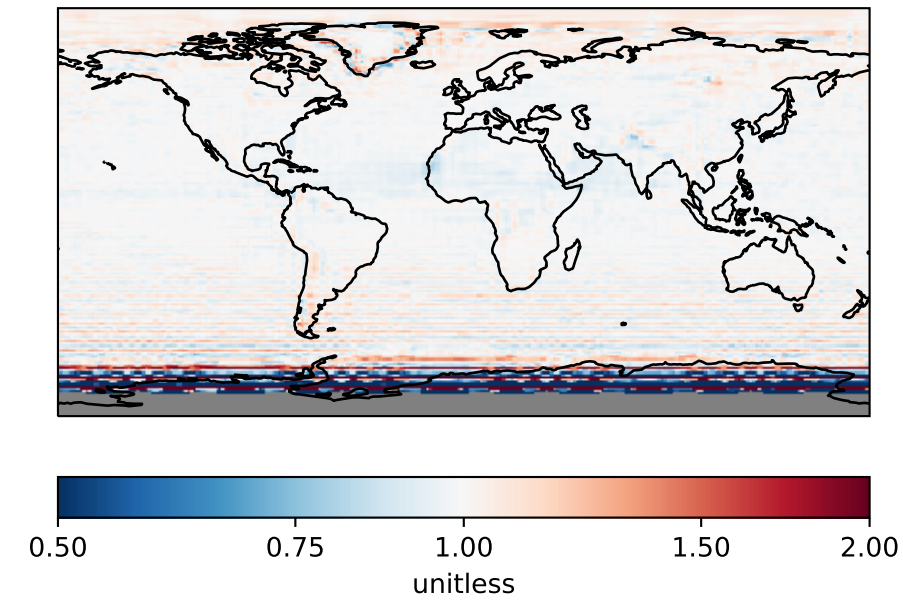
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

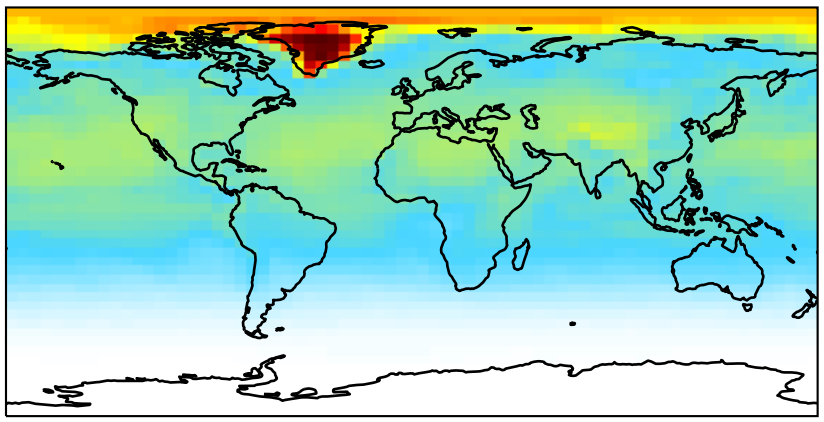


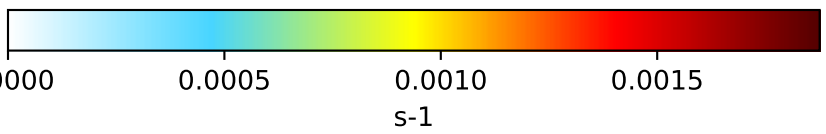
Ratio (1x1.25)
Dev/Ref, Fixed Range



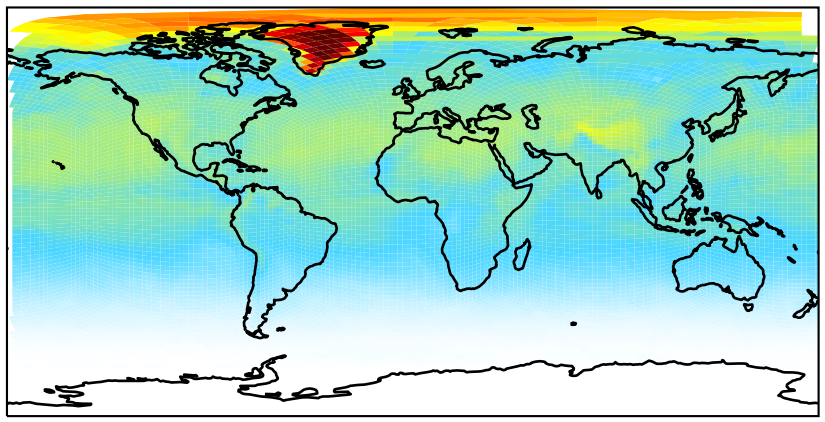
Jval_Cl2O2

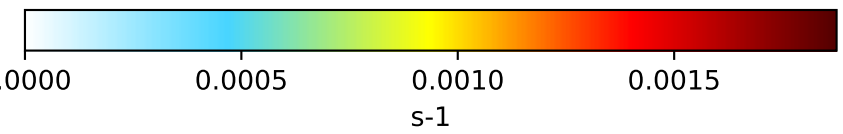
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



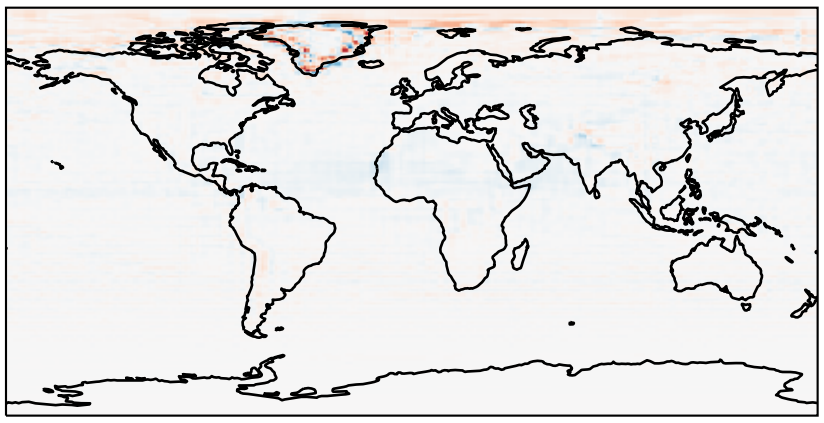


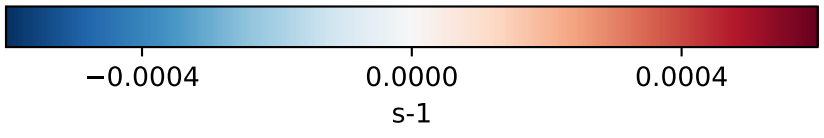
GCHP_13.1.0-beta.1 (Dev)
c48



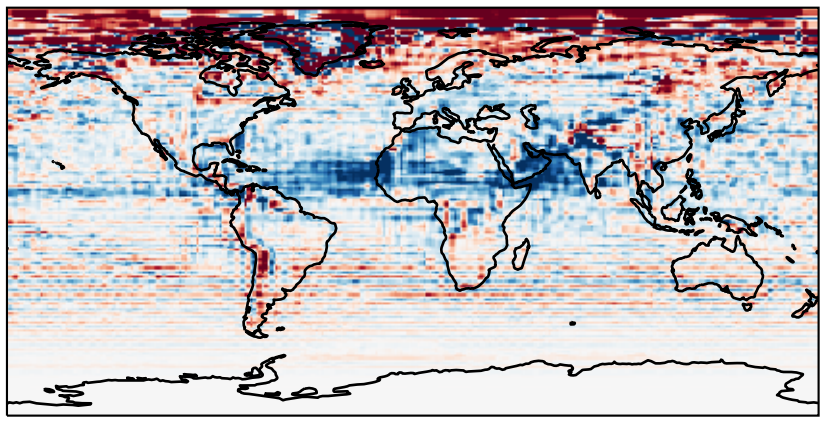


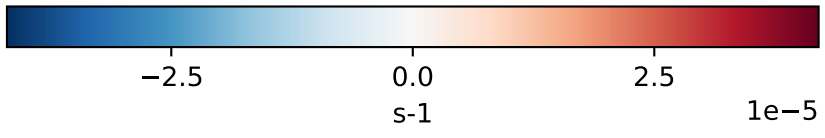
Difference (1x1.25)
Dev - Ref, Dynamic Range



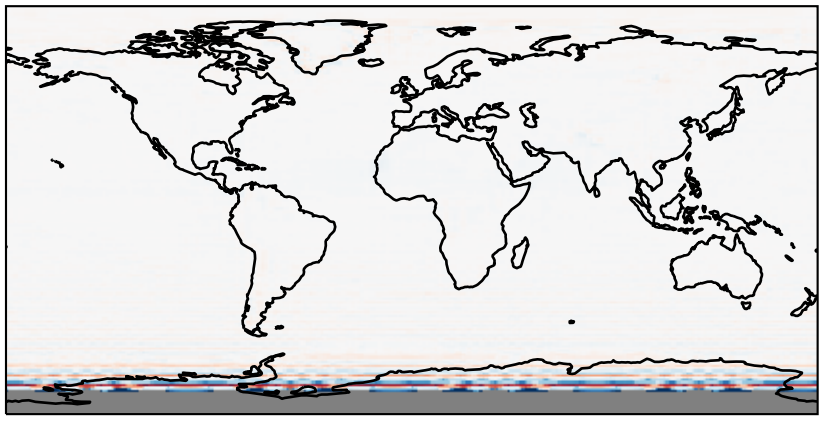


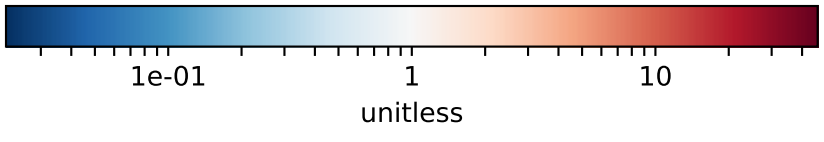
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



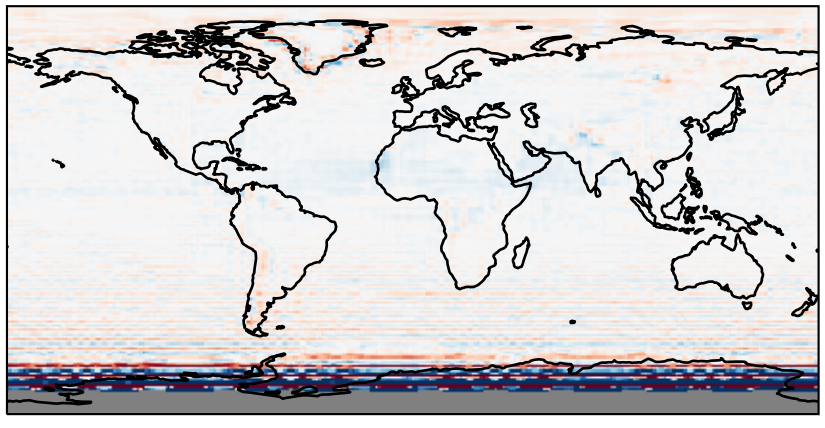


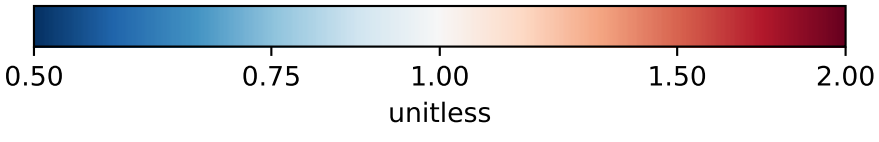
Ratio (1x1.25)
Dev/Ref, Dynamic Range





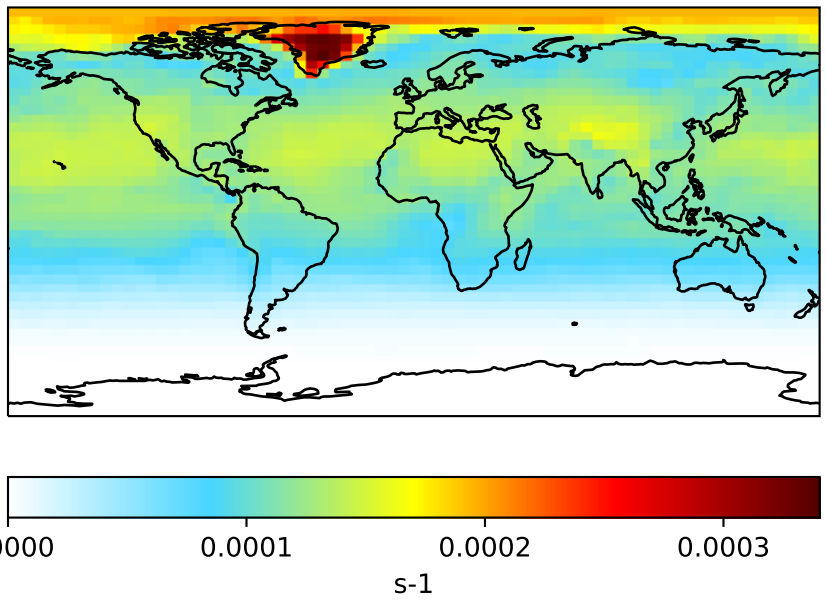
Ratio (1x1.25)
Dev/Ref, Fixed Range



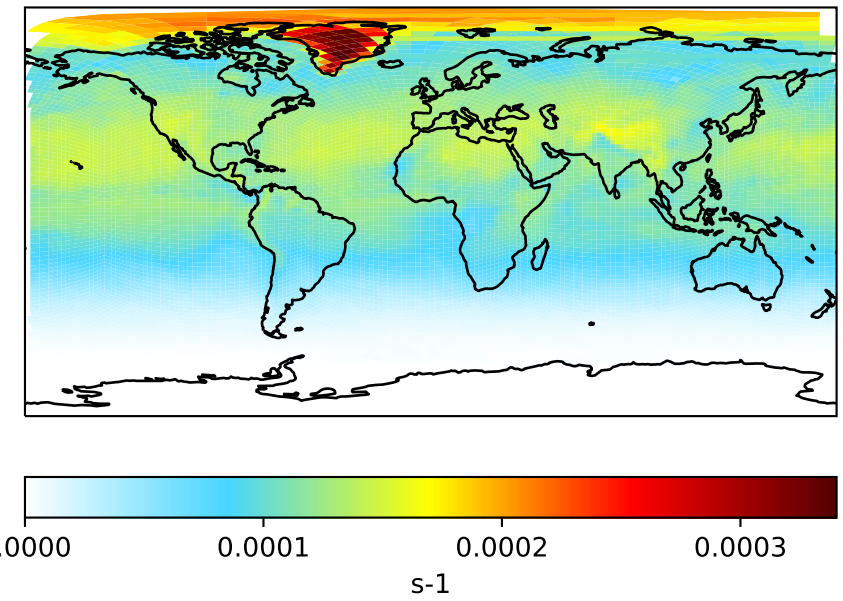


Jval_ClNO2

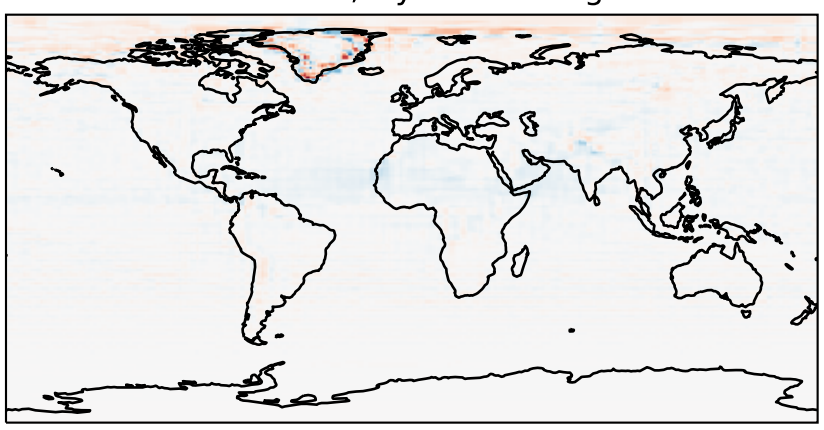
GCC_13.1.0-beta.1 (Ref)
4.0x5.0

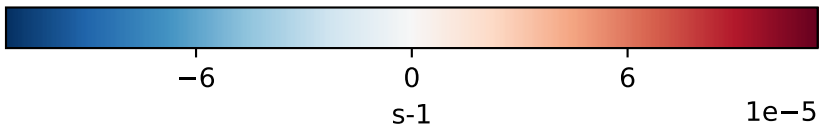


GCHP_13.1.0-beta.1 (Dev)
c48

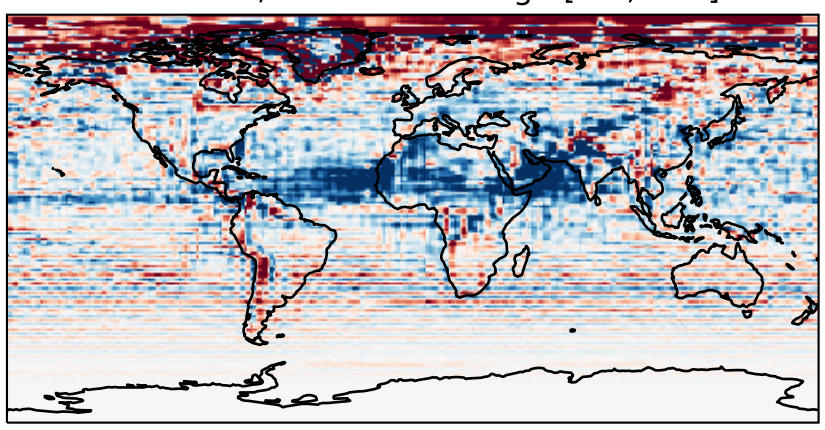


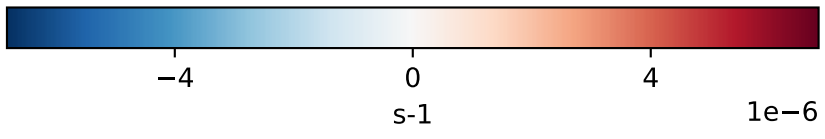
Difference (1x1.25)
Dev - Ref, Dynamic Range



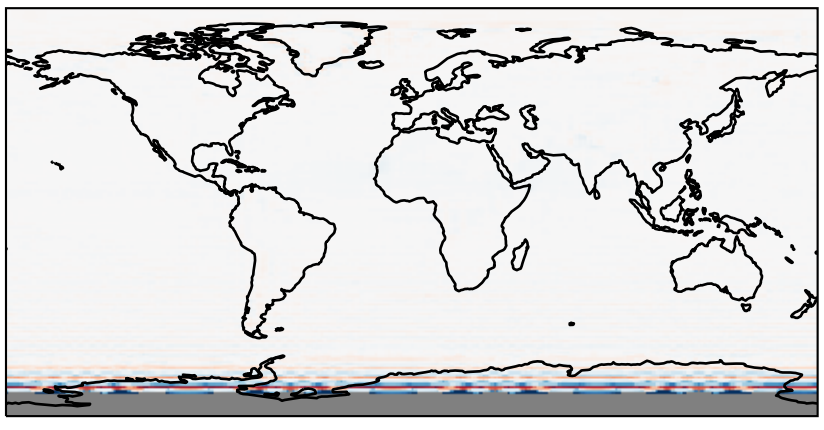


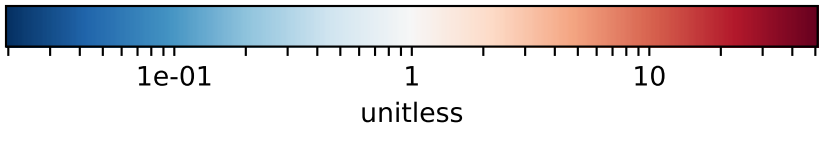
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



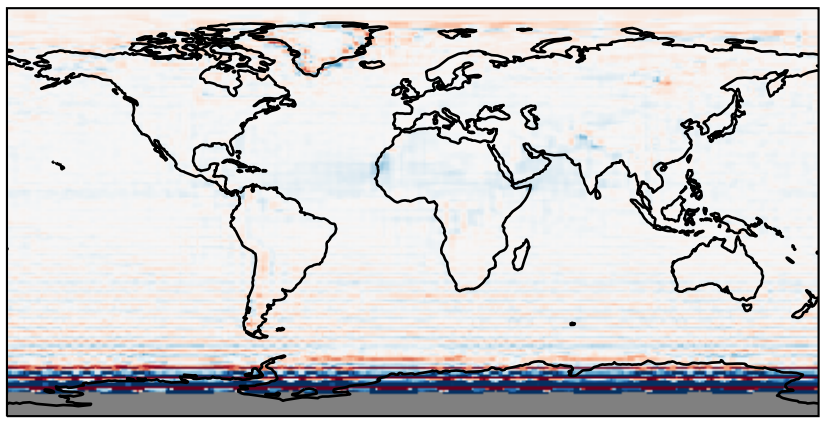


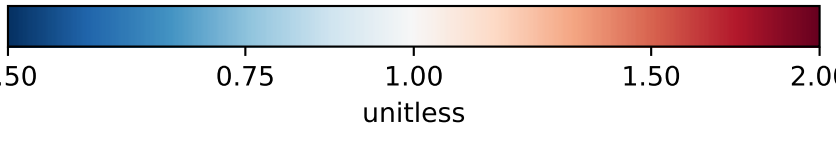
Ratio (1x1.25)
Dev/Ref, Dynamic Range





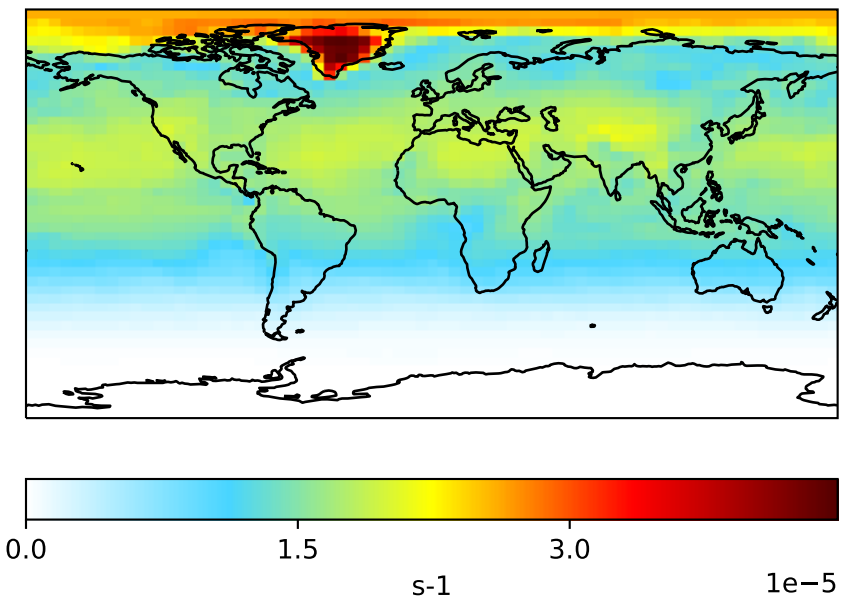
Ratio (1x1.25)
Dev/Ref, Fixed Range



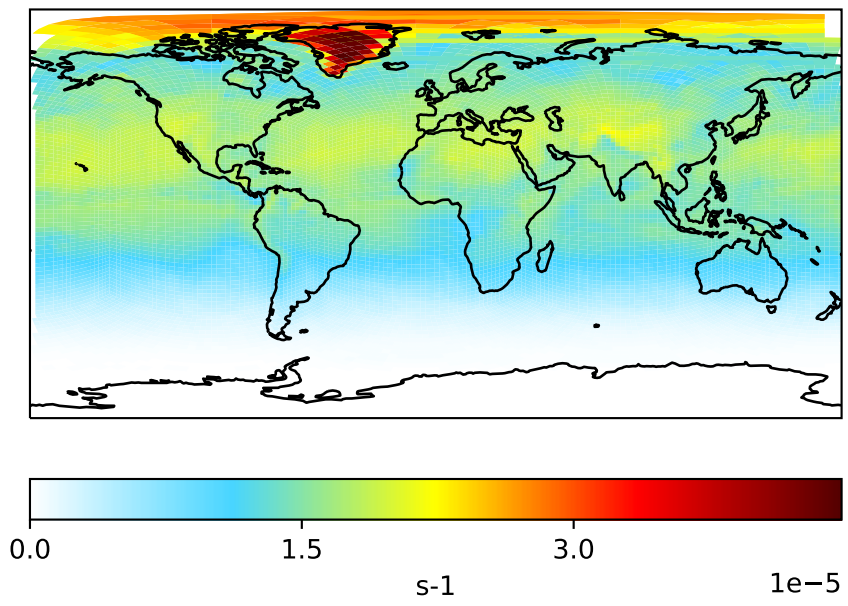


Jval_ClNO3

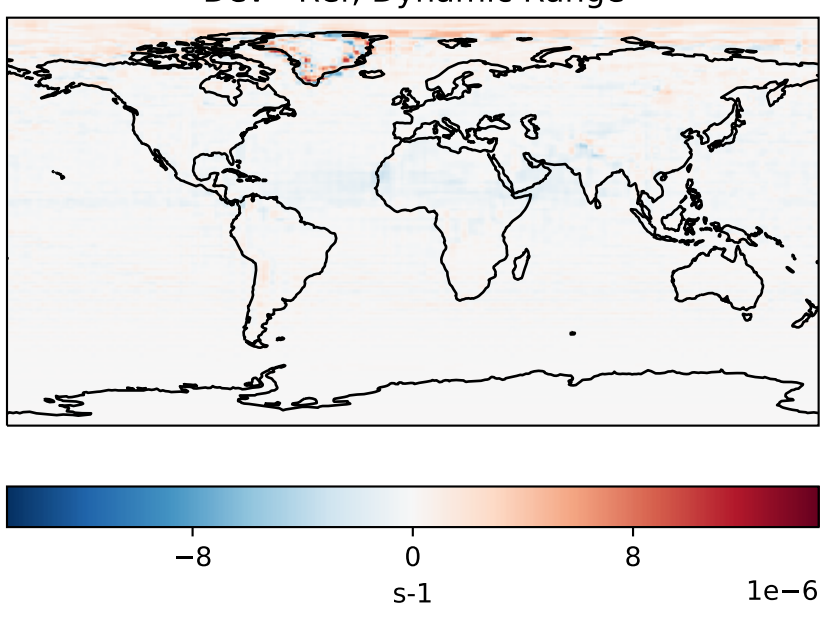
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



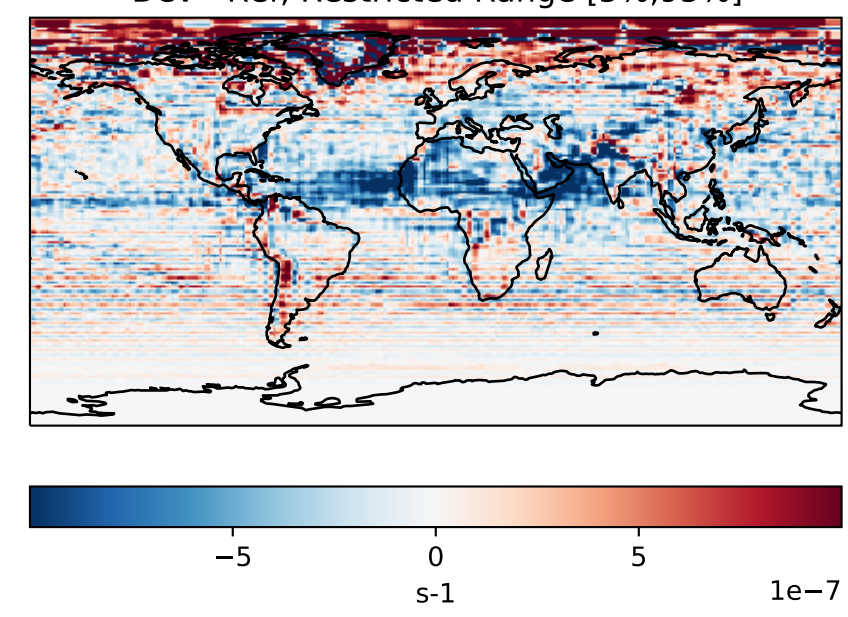
GCHP_13.1.0-beta.1 (Dev)
c48



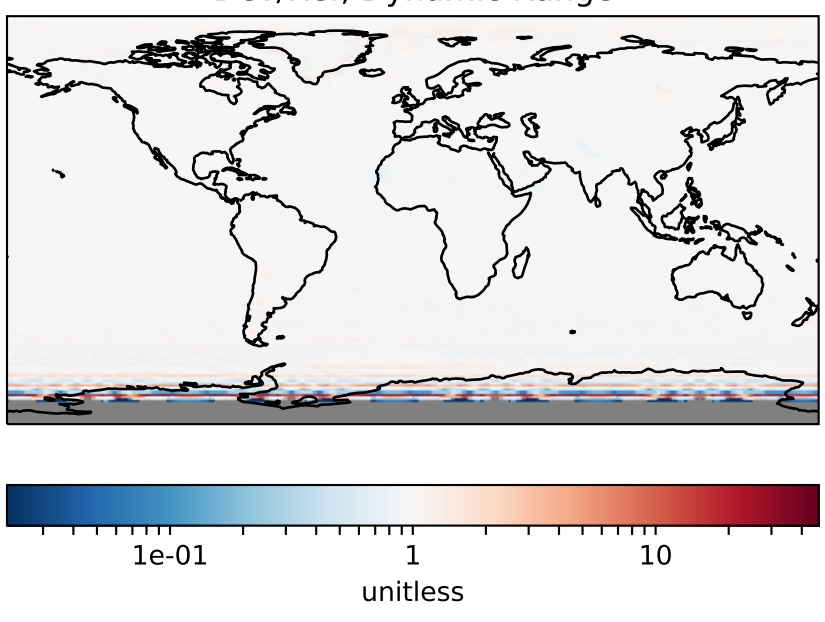
Difference (1x1.25)
Dev - Ref, Dynamic Range



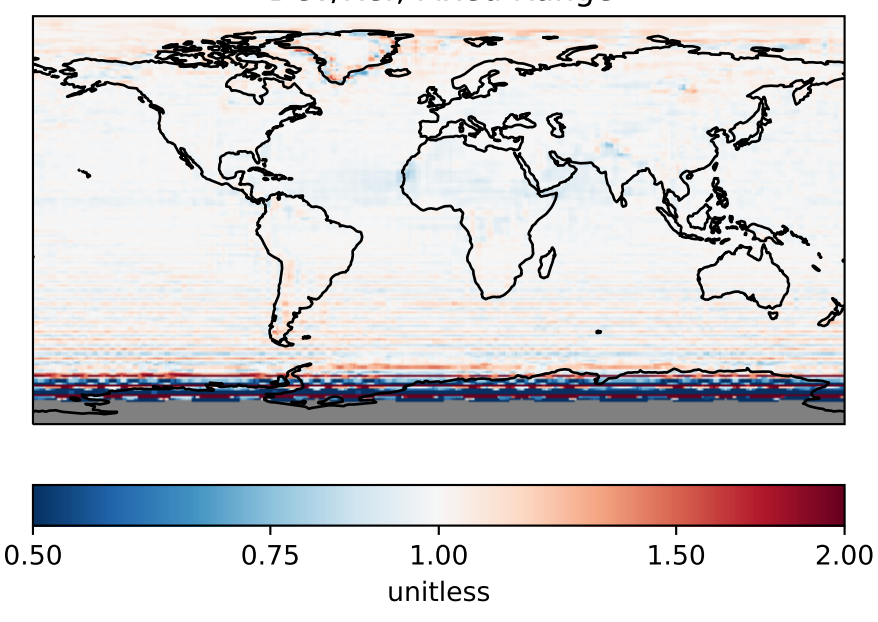
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

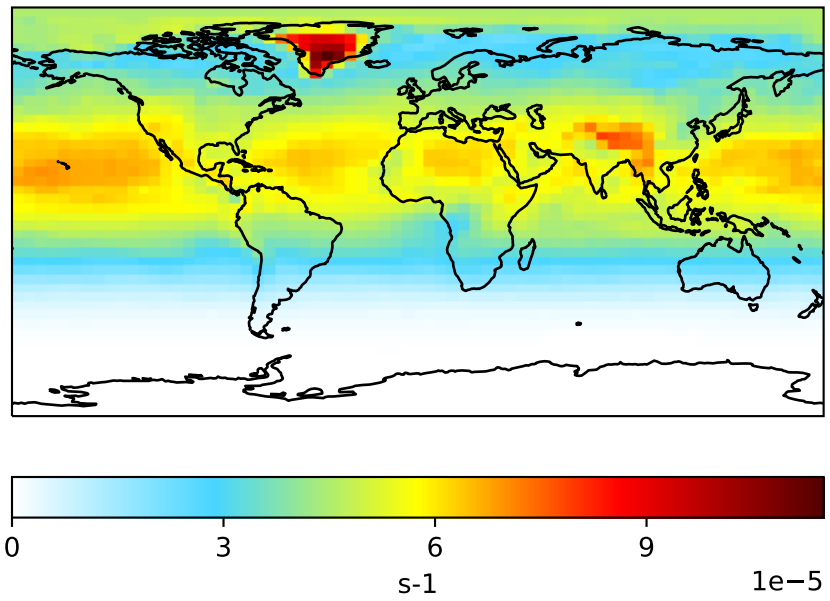


Ratio (1x1.25)
Dev/Ref, Fixed Range

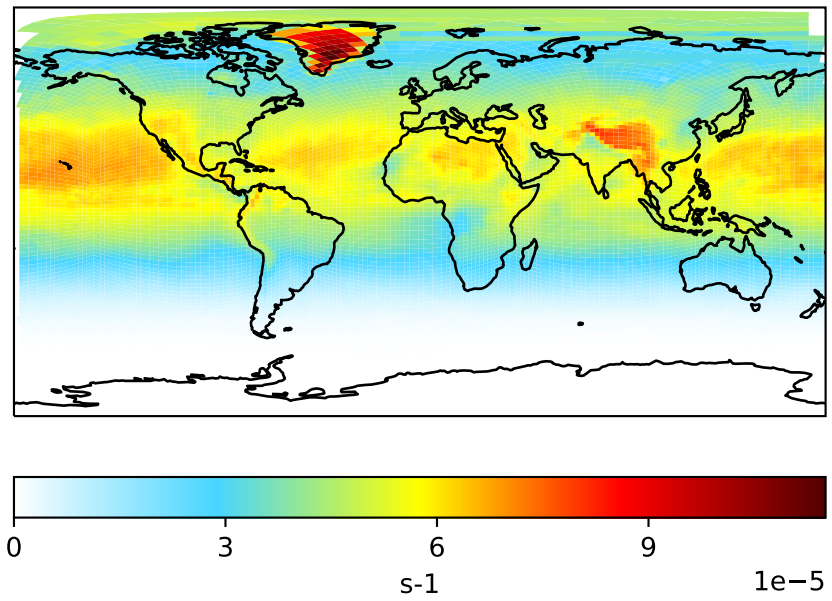


Jval_ClO

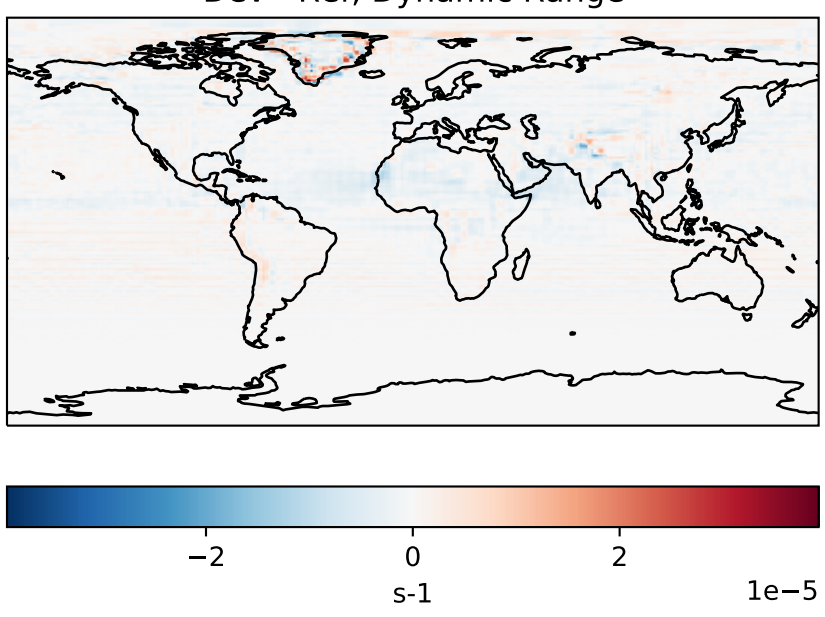
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



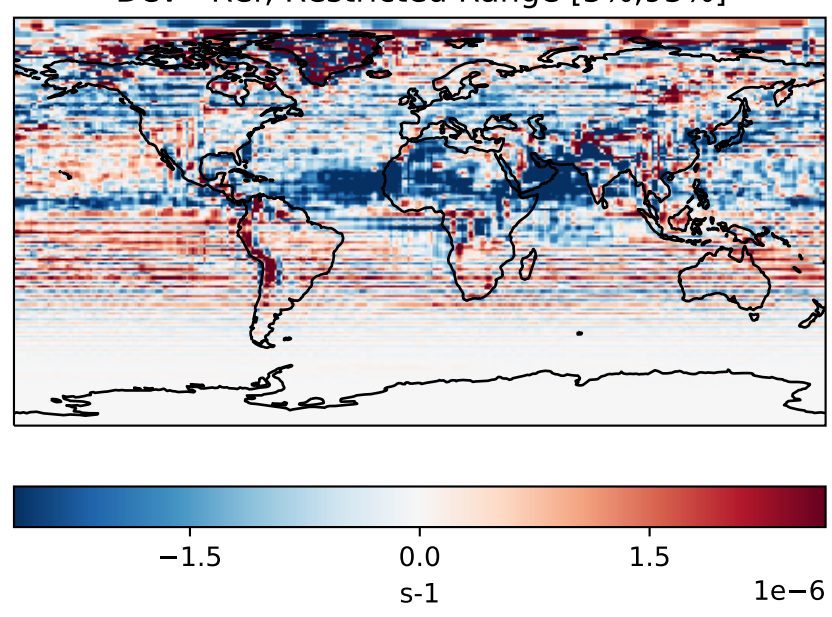
GCHP_13.1.0-beta.1 (Dev)
c48



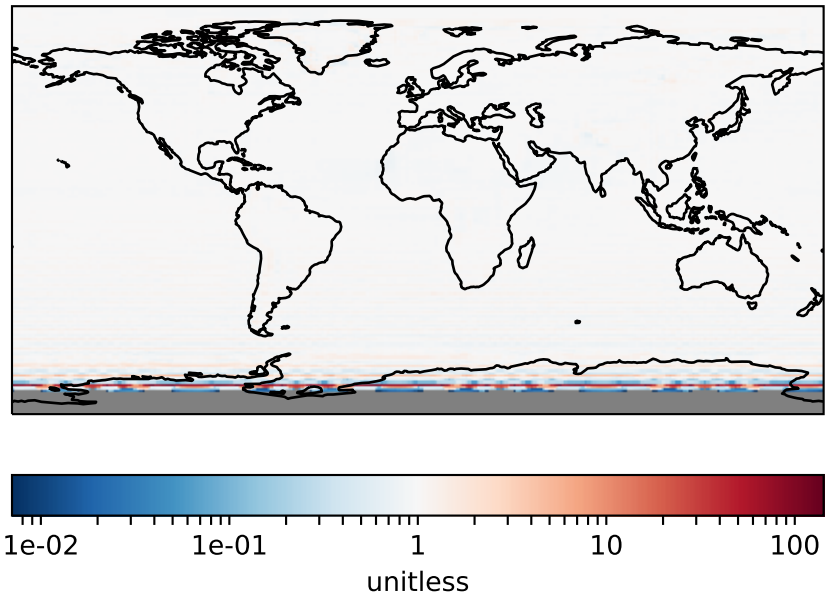
Difference (1x1.25)
Dev - Ref, Dynamic Range



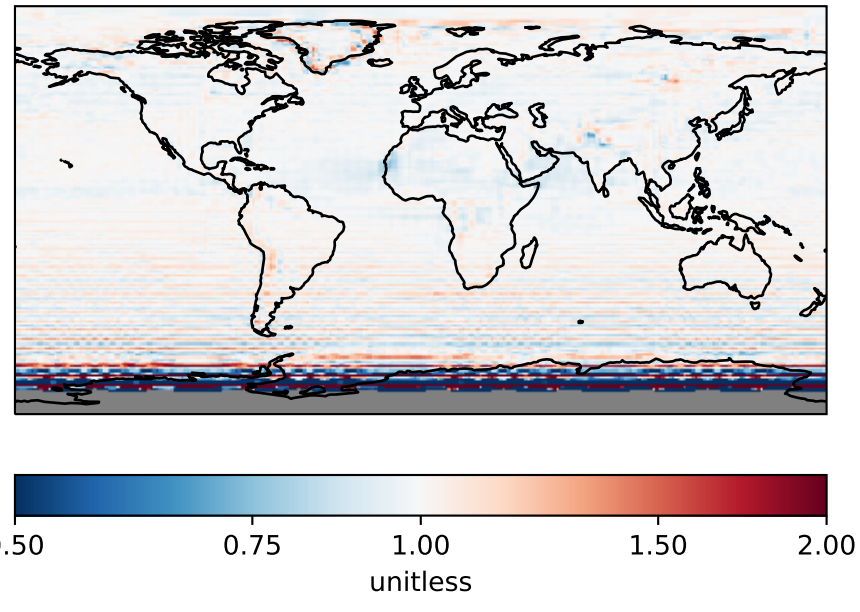
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

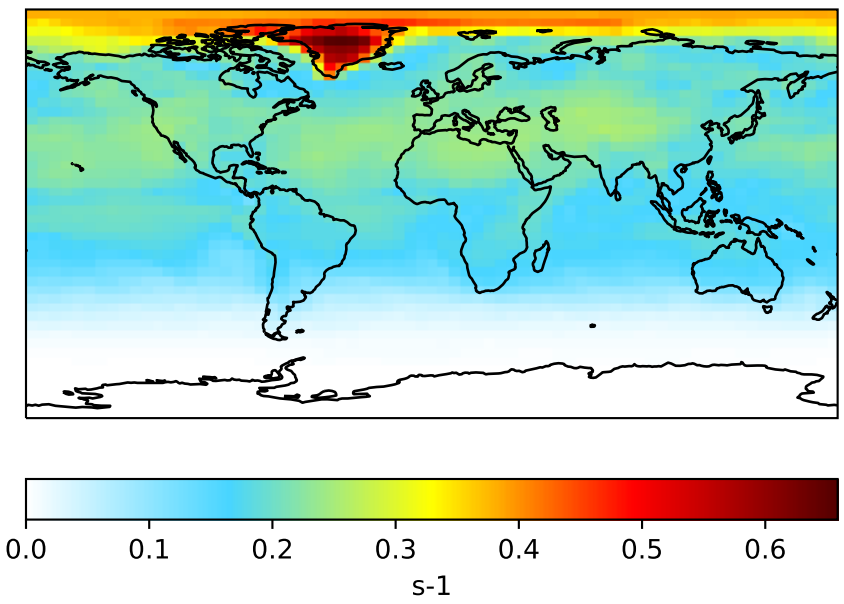


Ratio (1x1.25)
Dev/Ref, Fixed Range

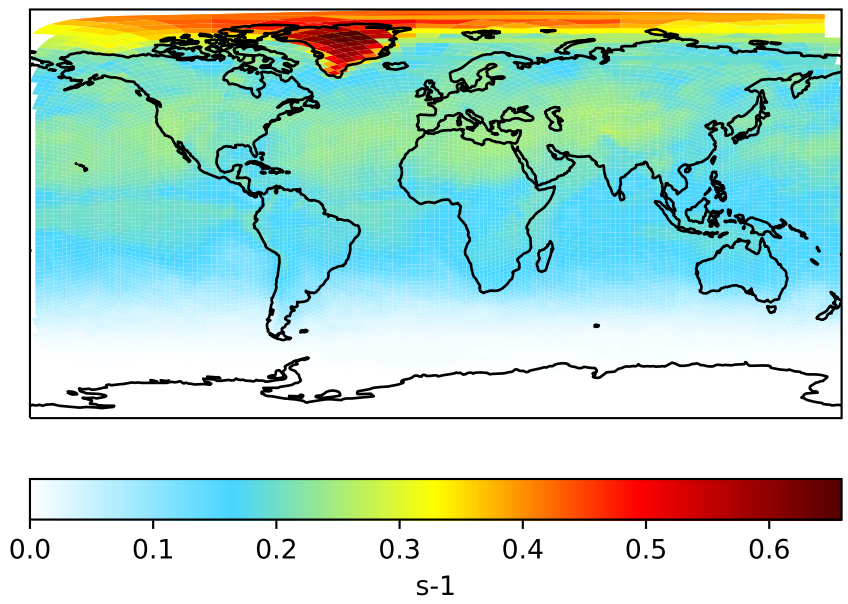


Jval_ClOO

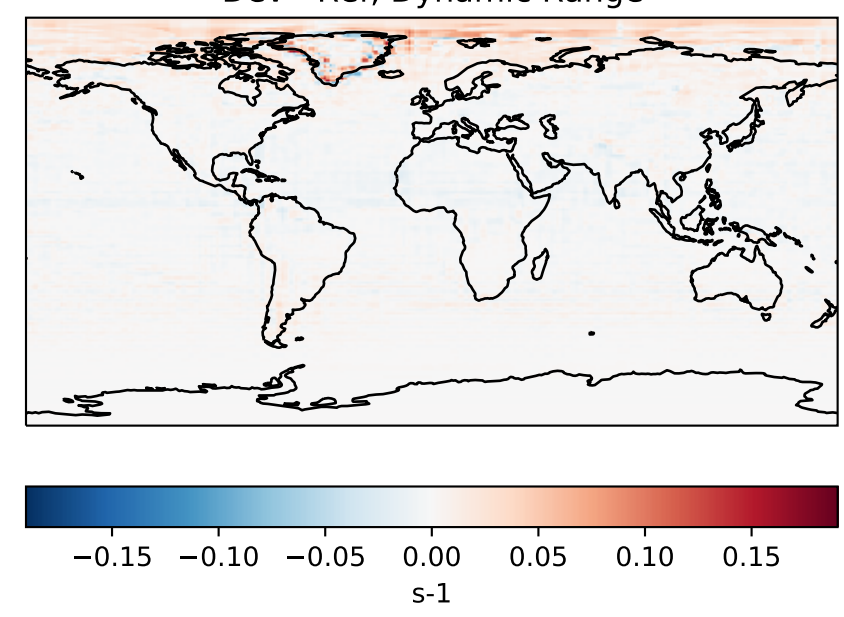
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



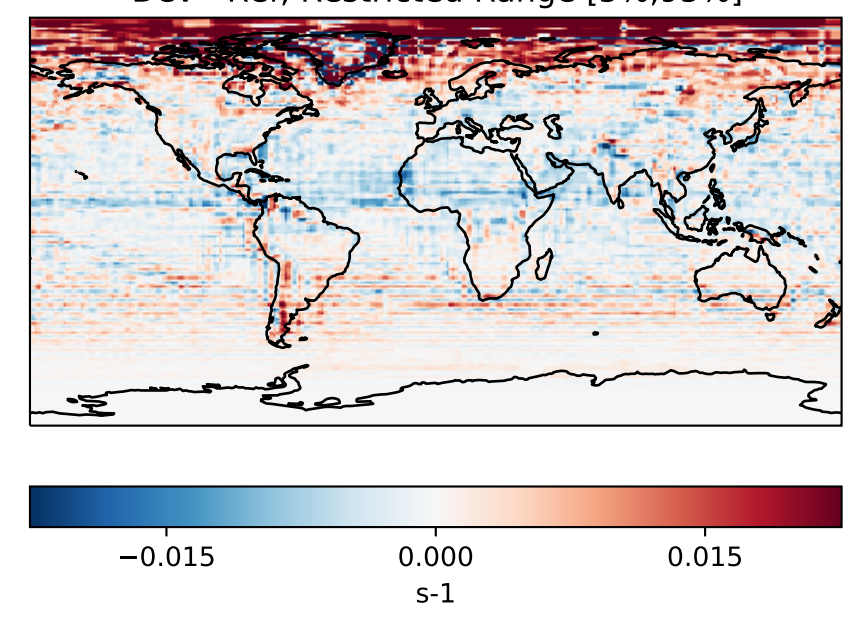
GCHP_13.1.0-beta.1 (Dev)
c48



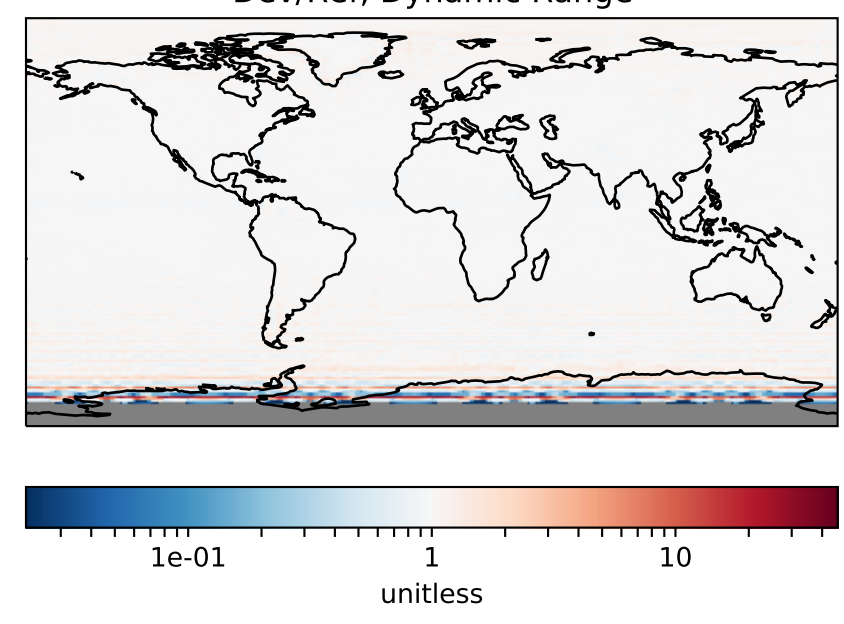
Difference (1x1.25)
Dev - Ref, Dynamic Range



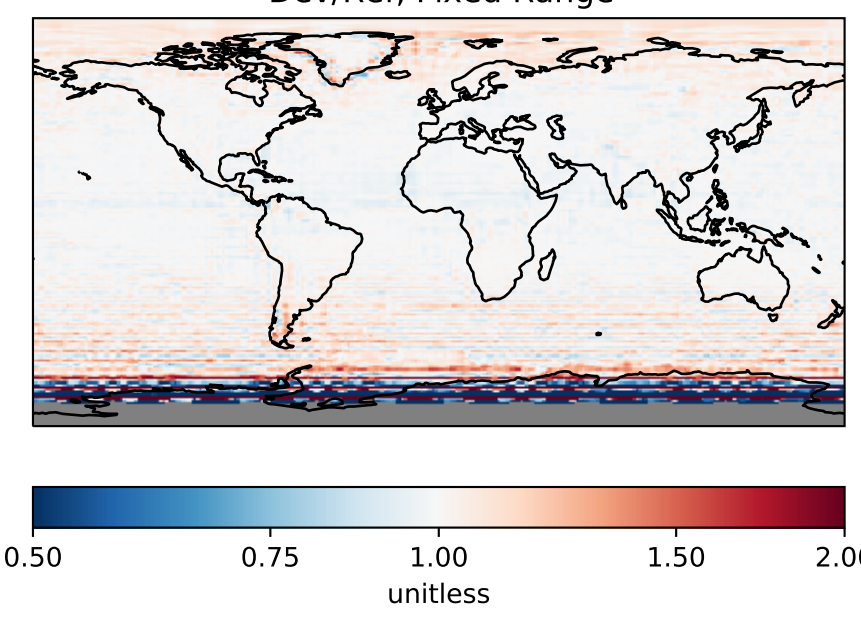
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

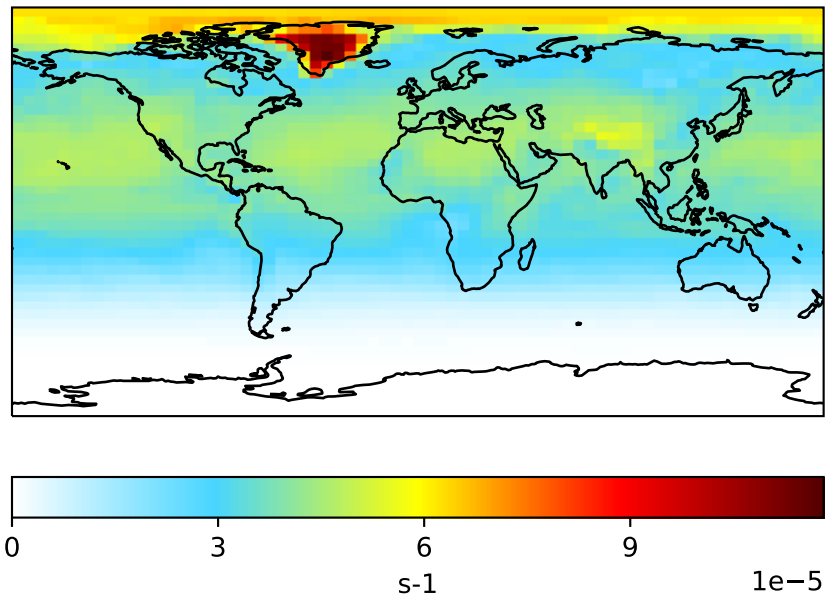


Ratio (1x1.25)
Dev/Ref, Fixed Range

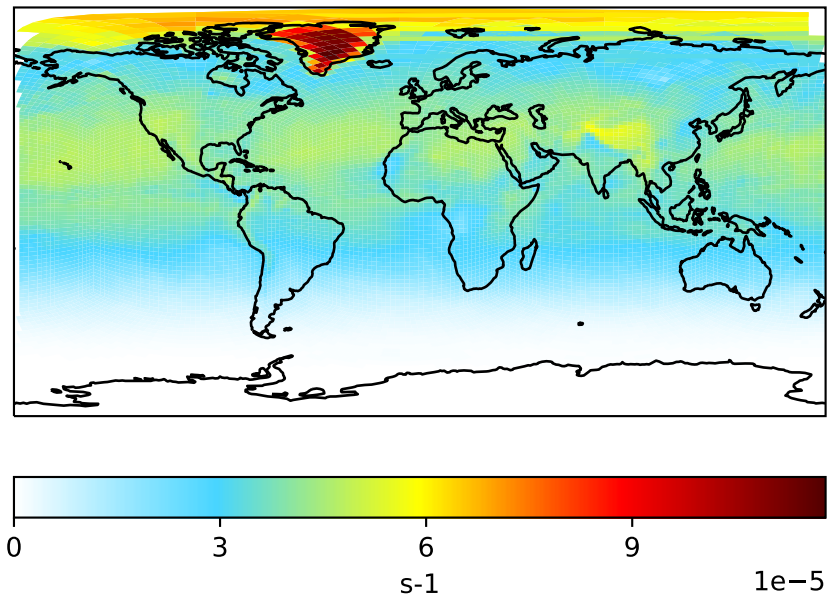


Jval_ETHLN

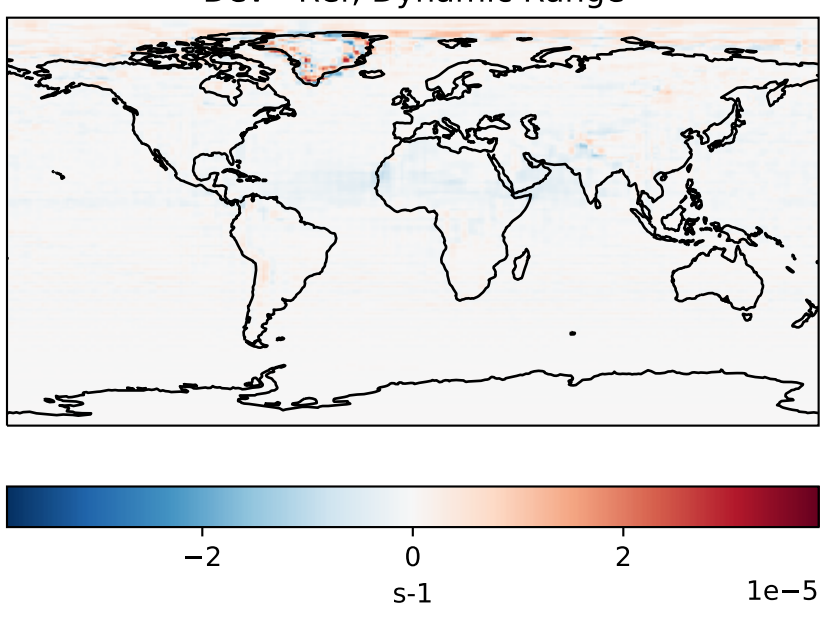
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



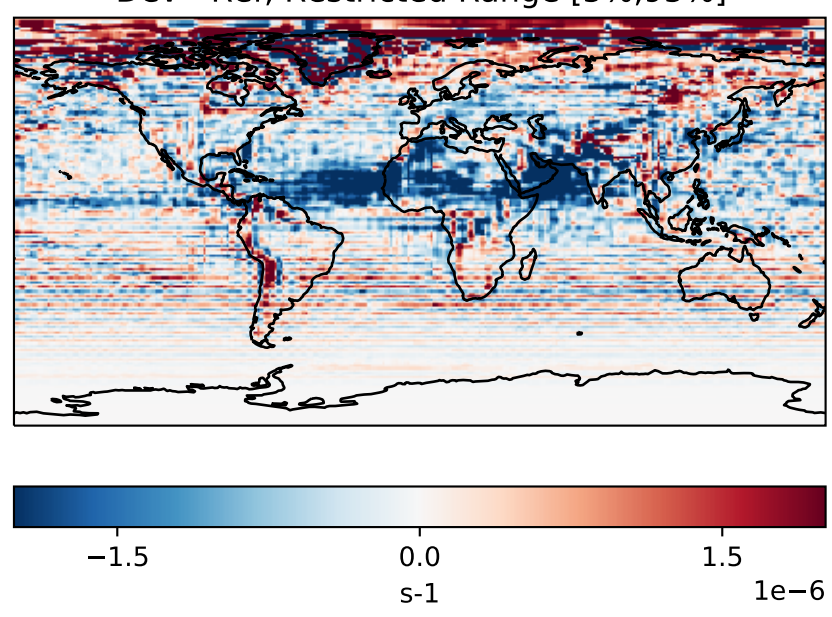
GCHP_13.1.0-beta.1 (Dev)
c48



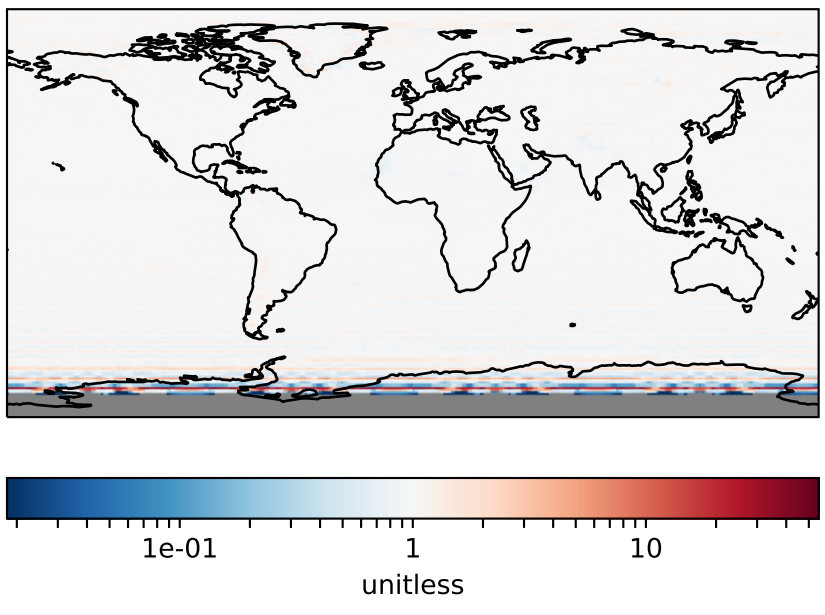
Difference (1x1.25)
Dev - Ref, Dynamic Range



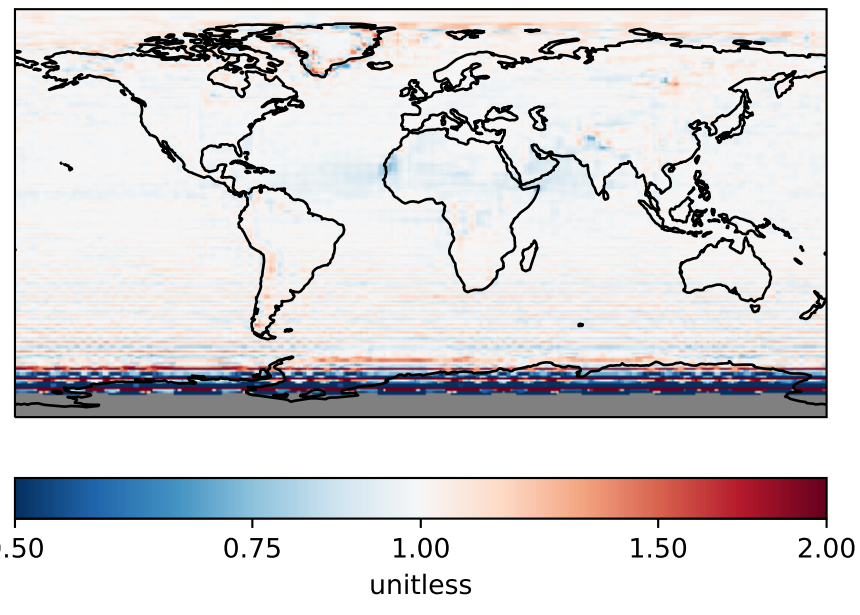
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

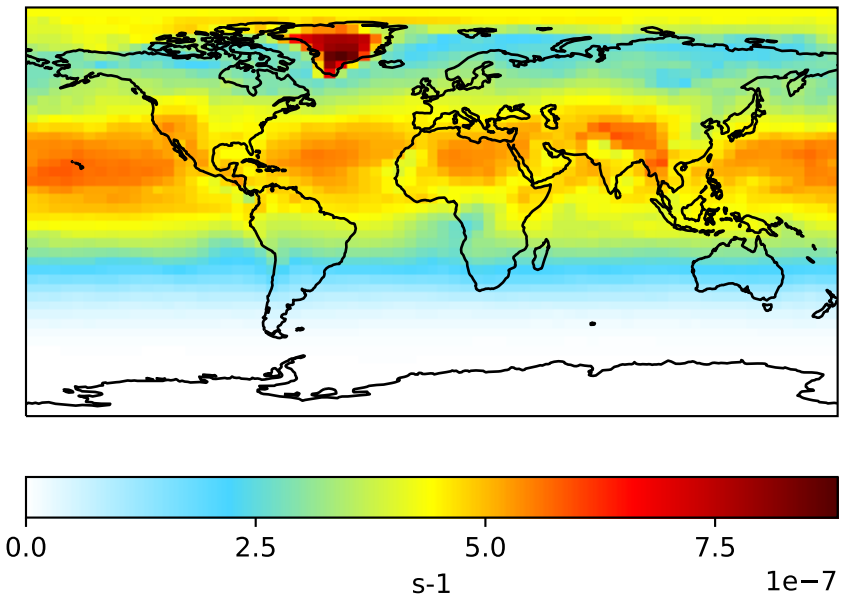


Ratio (1x1.25)
Dev/Ref, Fixed Range

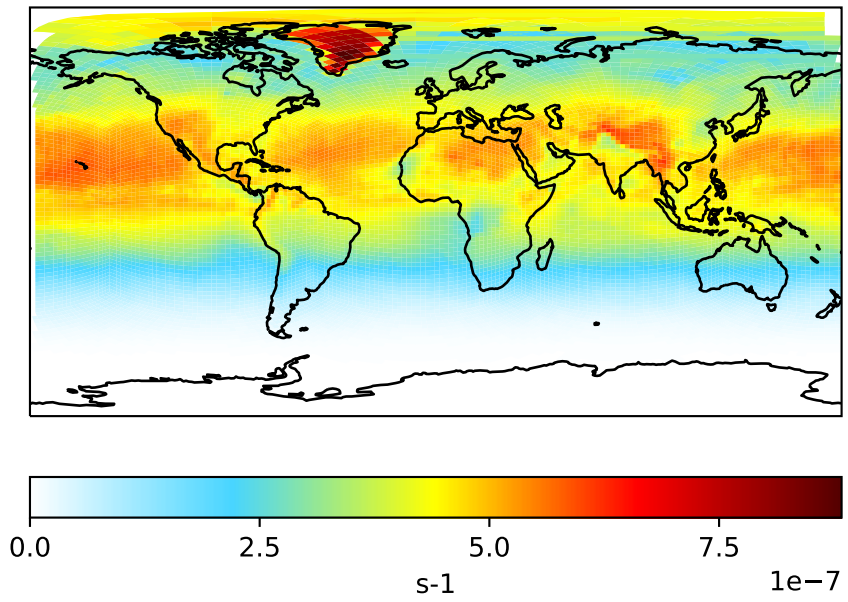


Jval_ETNO3

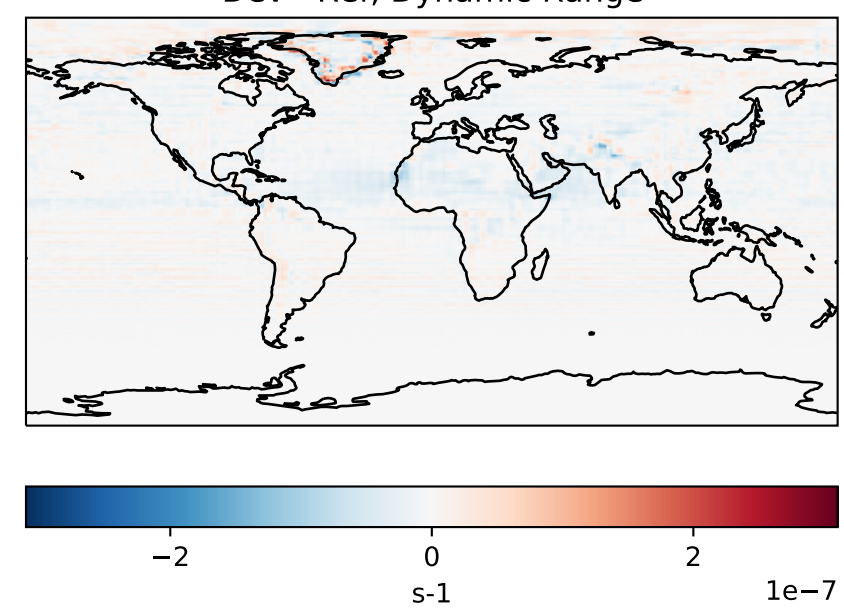
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



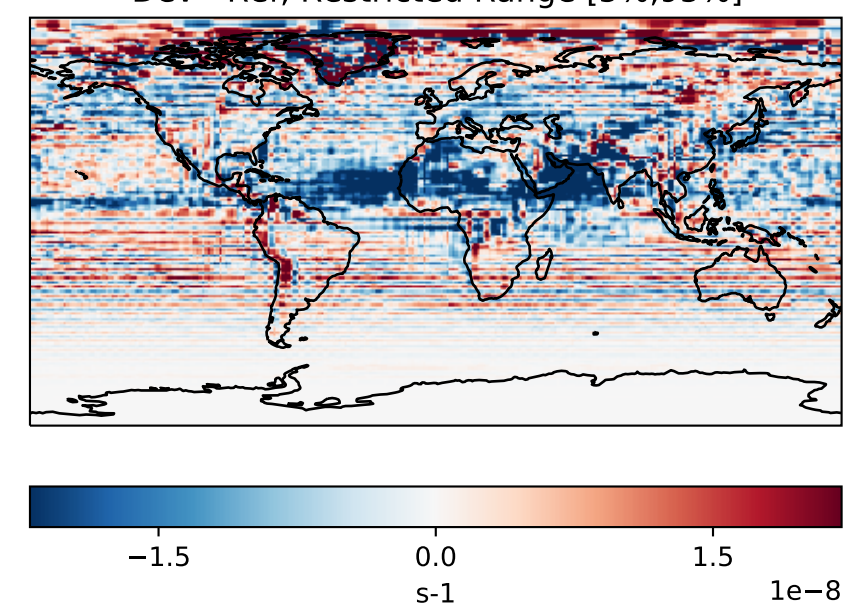
GCHP_13.1.0-beta.1 (Dev)
c48



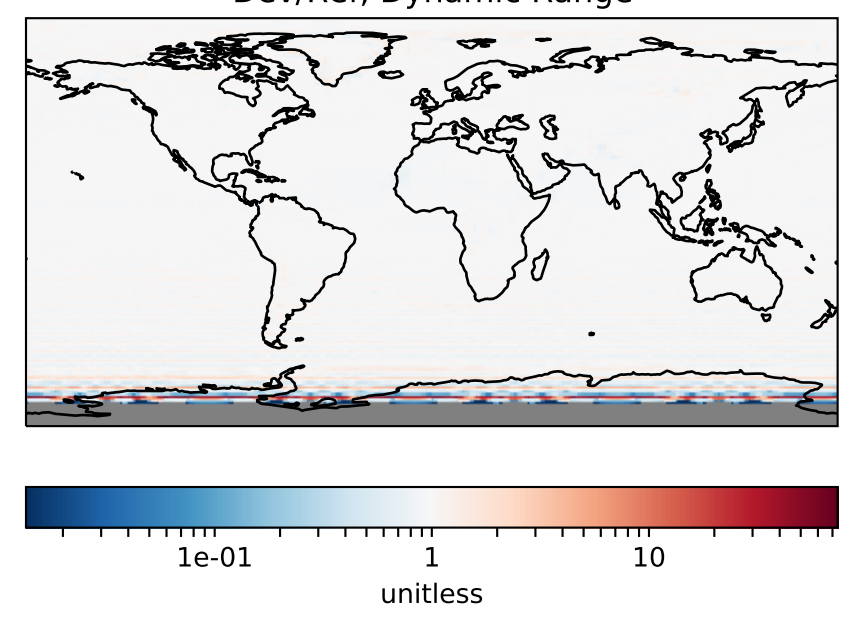
Difference (1x1.25)
Dev - Ref, Dynamic Range



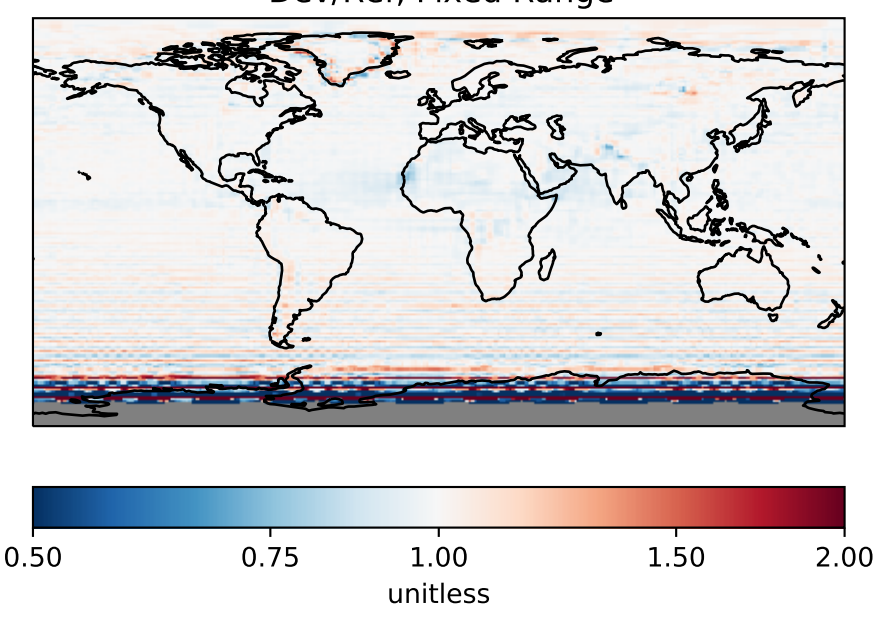
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

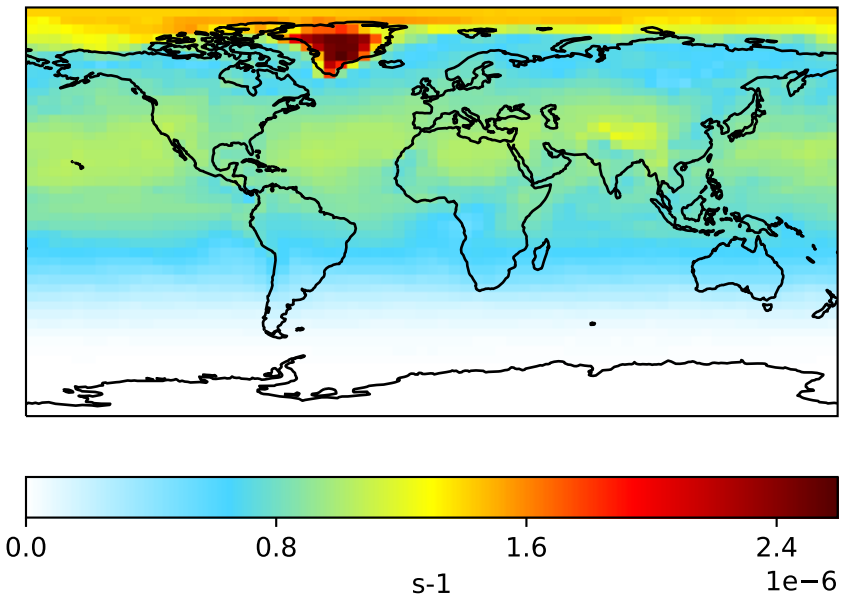


Ratio (1x1.25)
Dev/Ref, Fixed Range

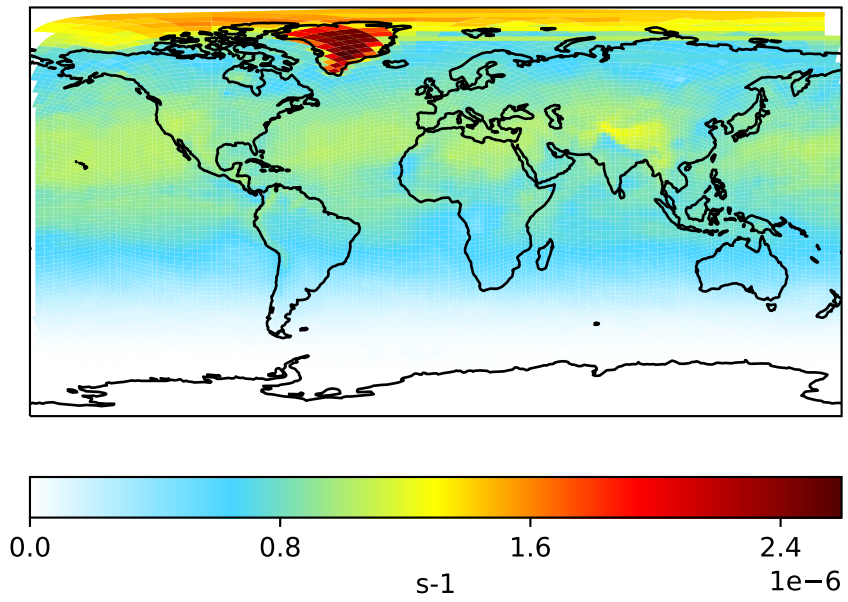


Jval_ETP

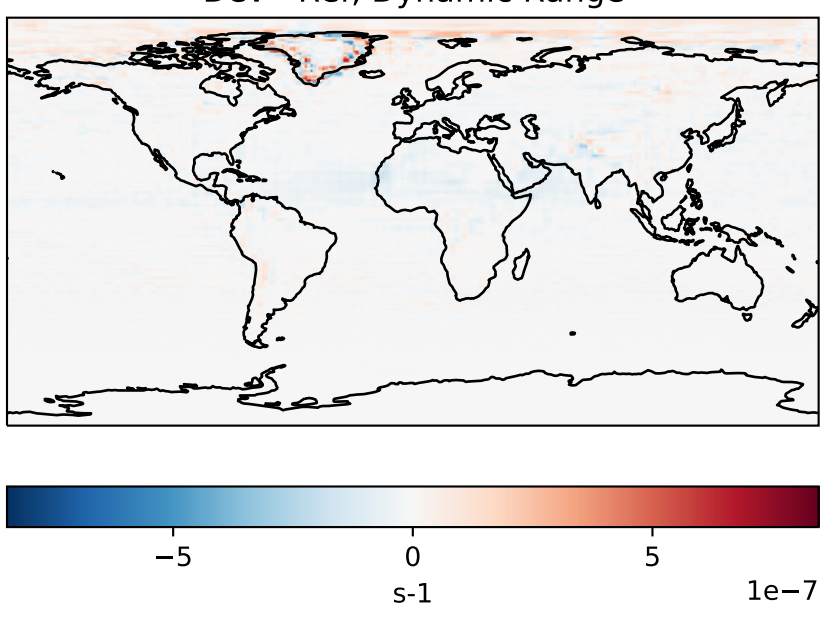
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



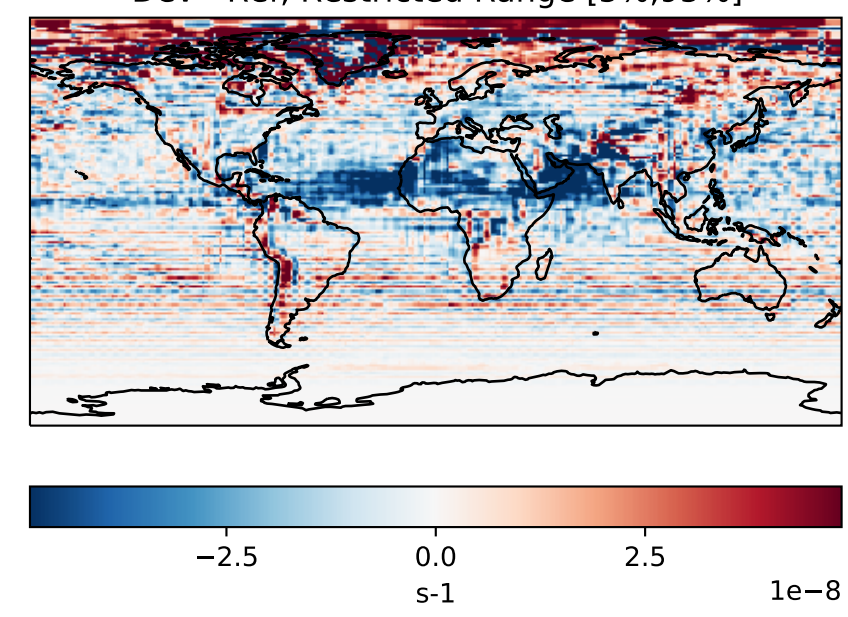
GCHP_13.1.0-beta.1 (Dev)
c48



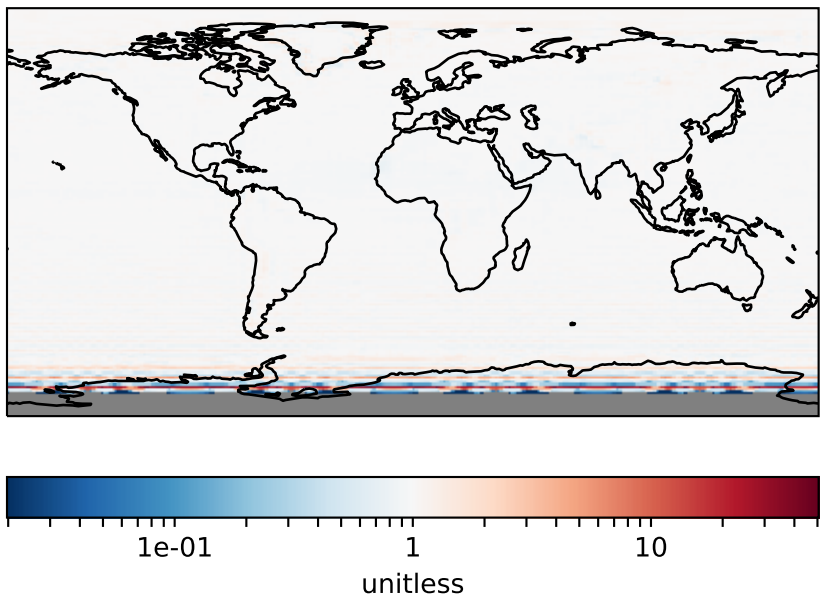
Difference (1x1.25)
Dev - Ref, Dynamic Range



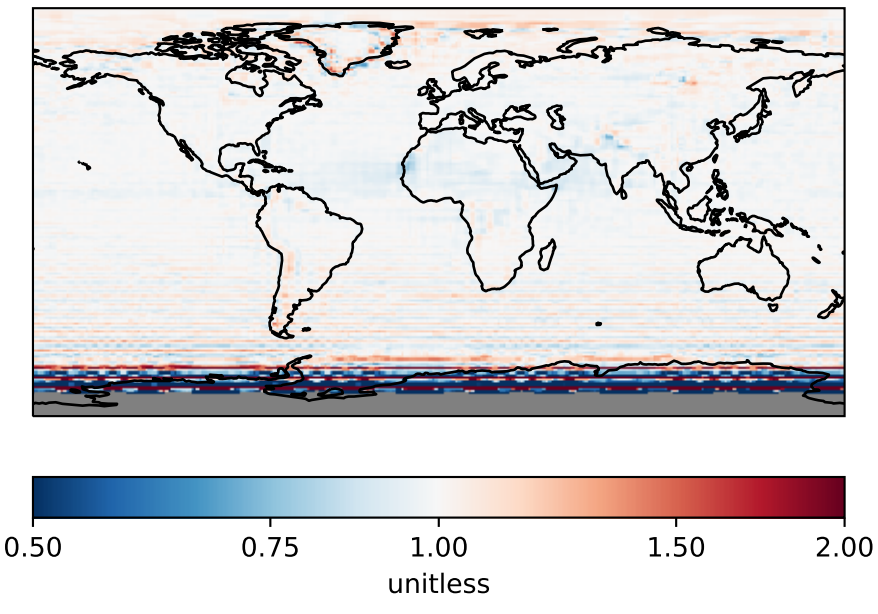
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

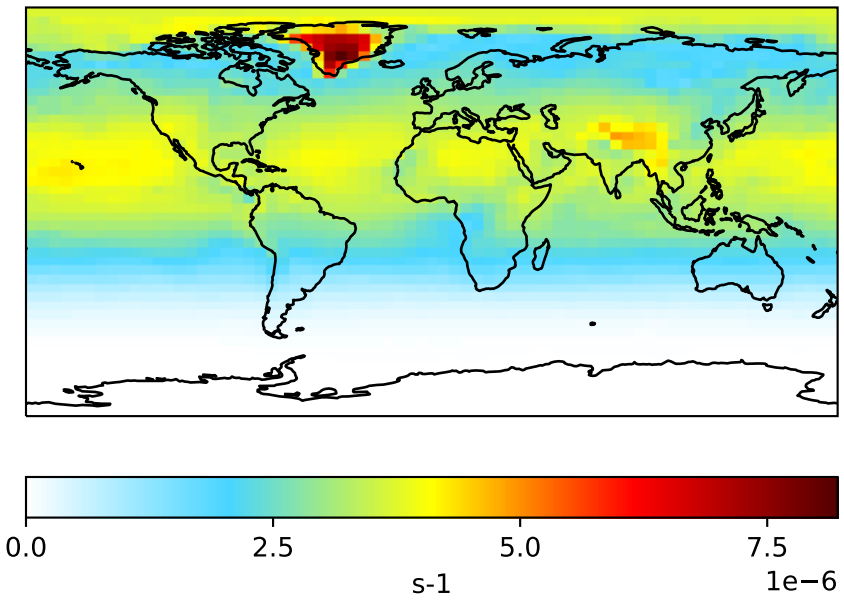


Ratio (1x1.25)
Dev/Ref, Fixed Range

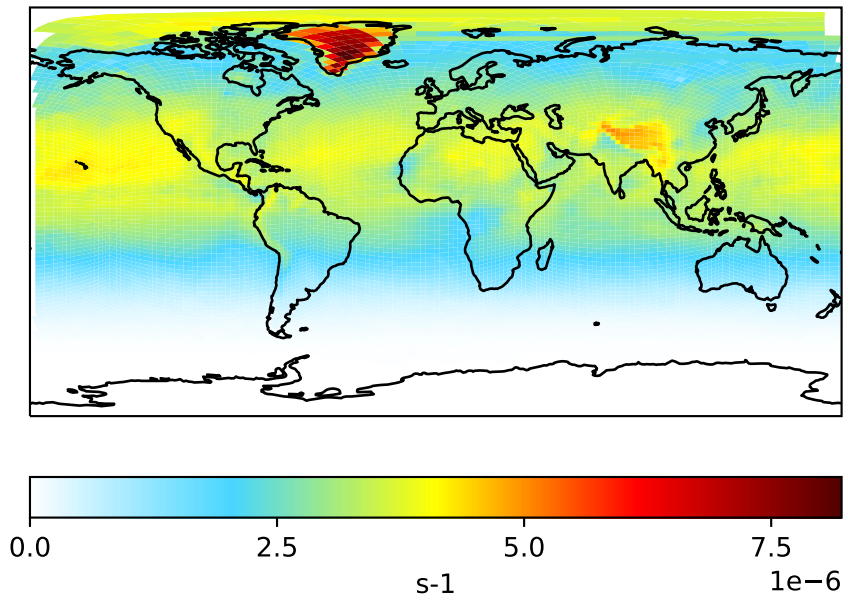


Jval_GLYC

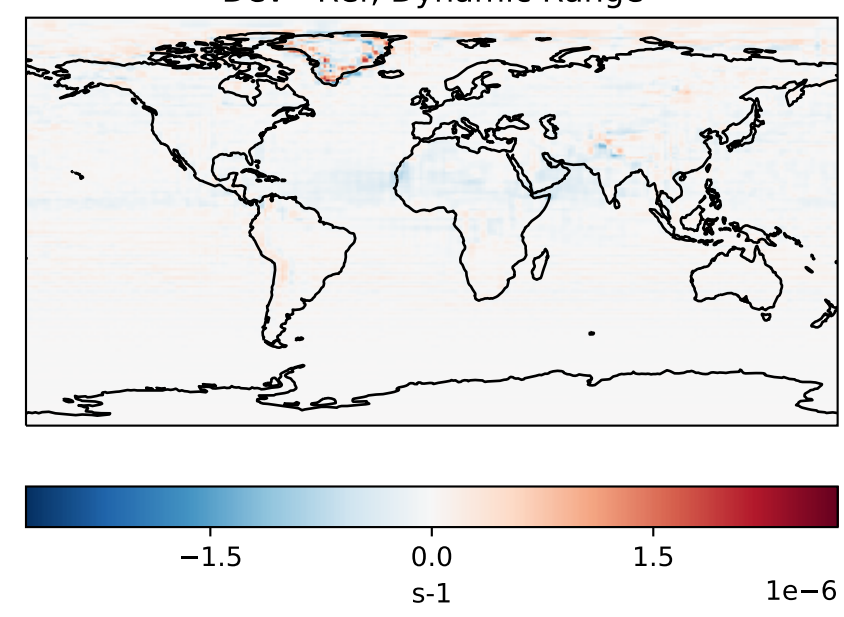
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



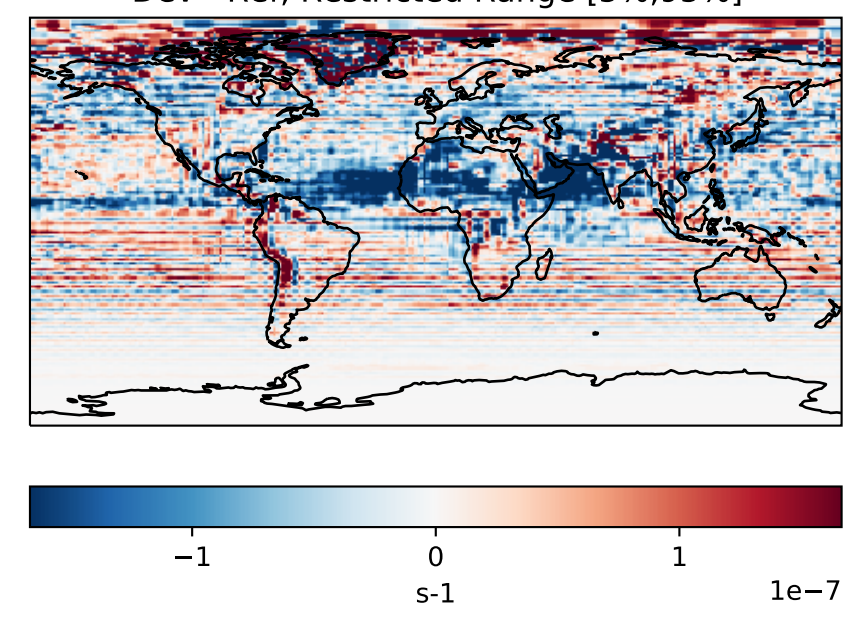
GCHP_13.1.0-beta.1 (Dev)
c48



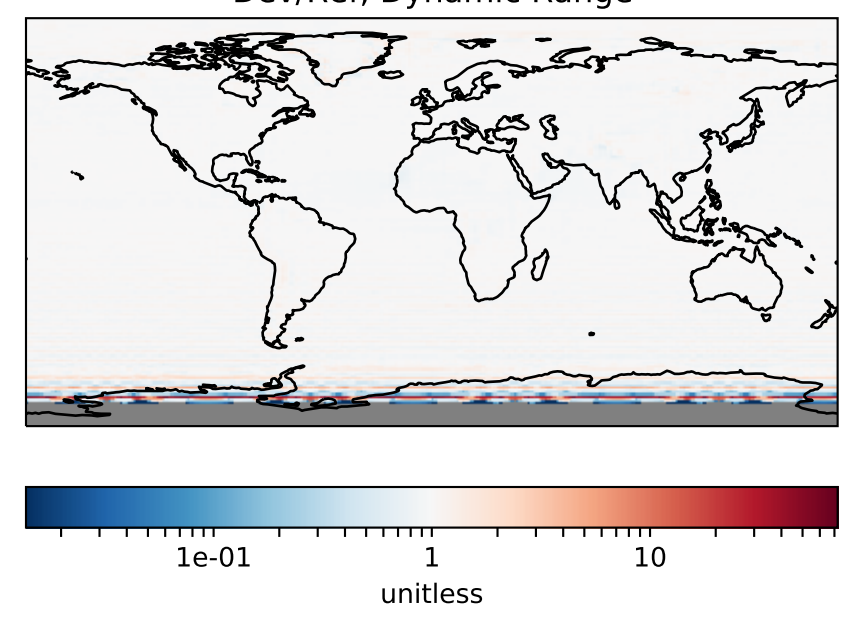
Difference (1x1.25)
Dev - Ref, Dynamic Range



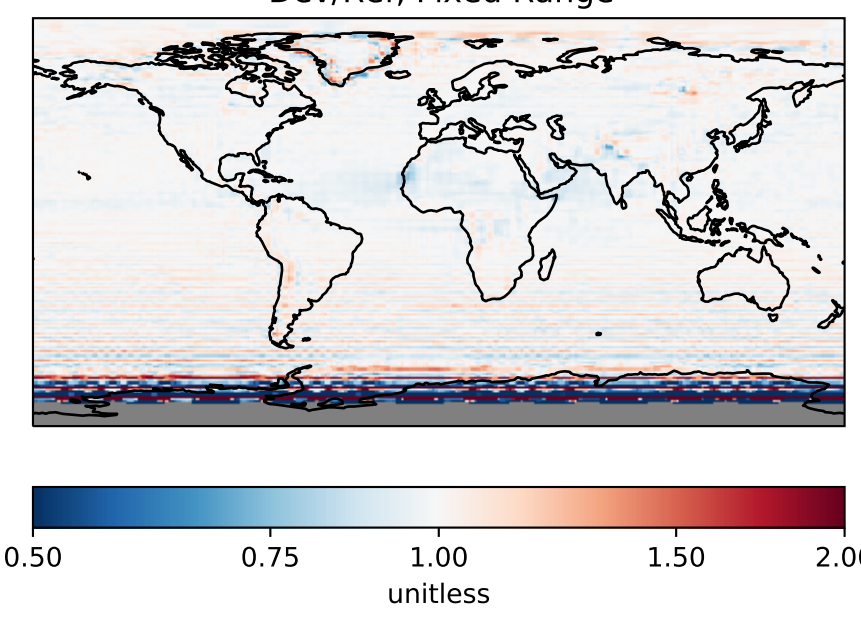
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

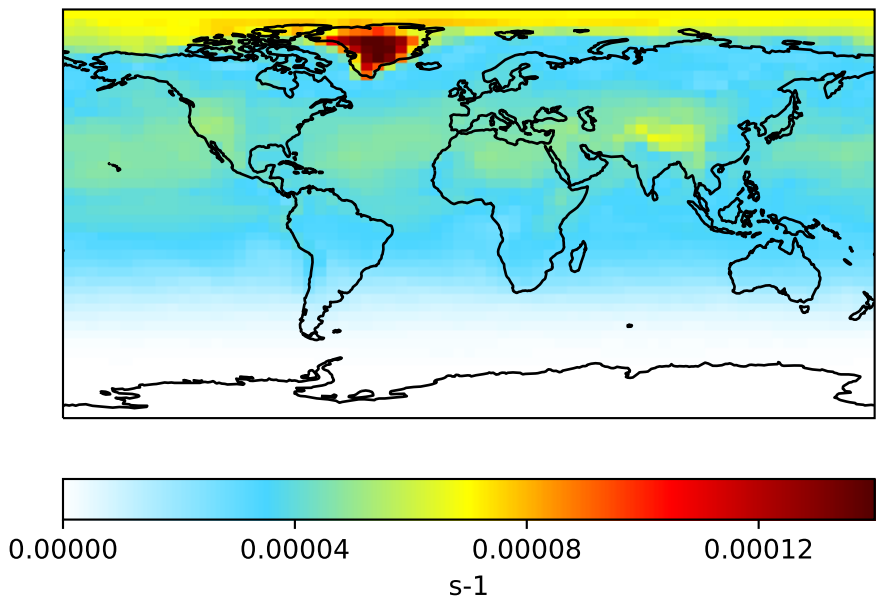


Ratio (1x1.25)
Dev/Ref, Fixed Range

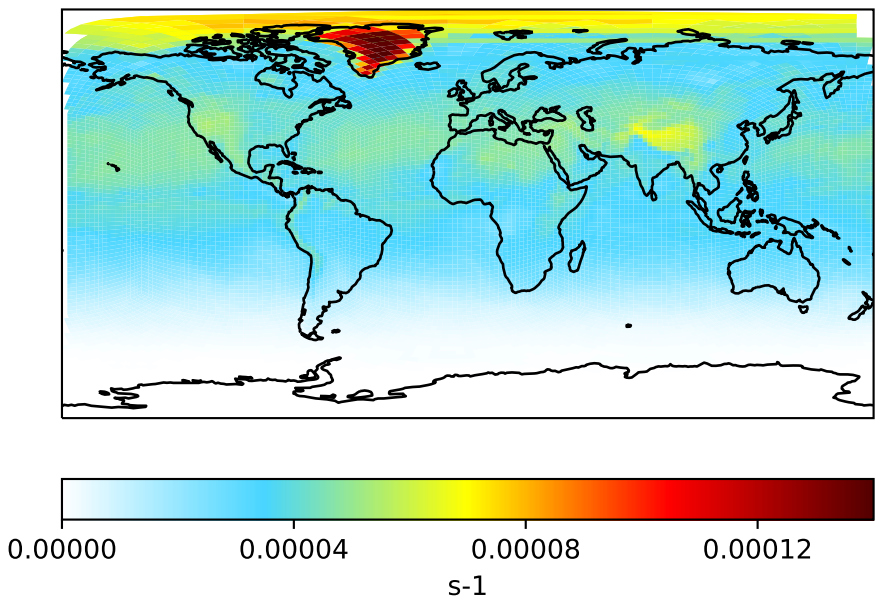


Jval_GLYX

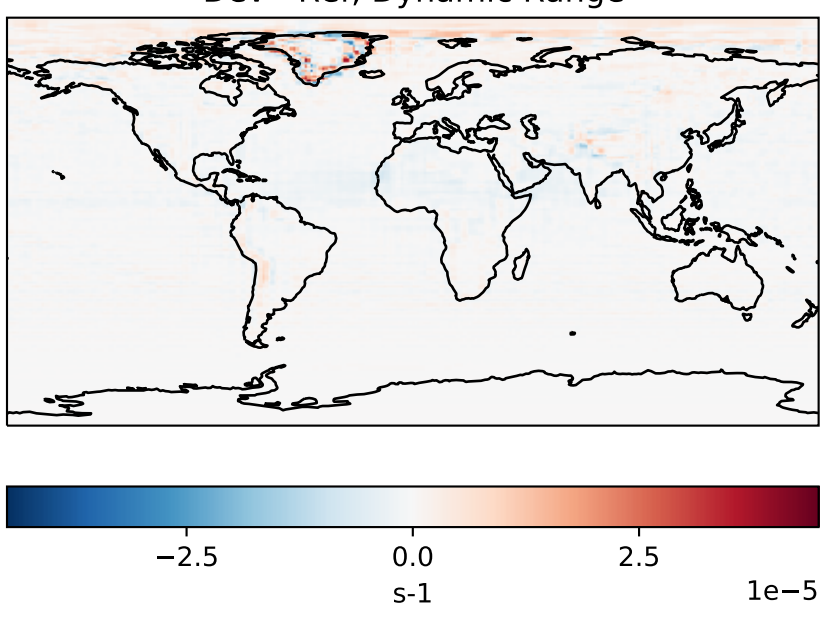
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



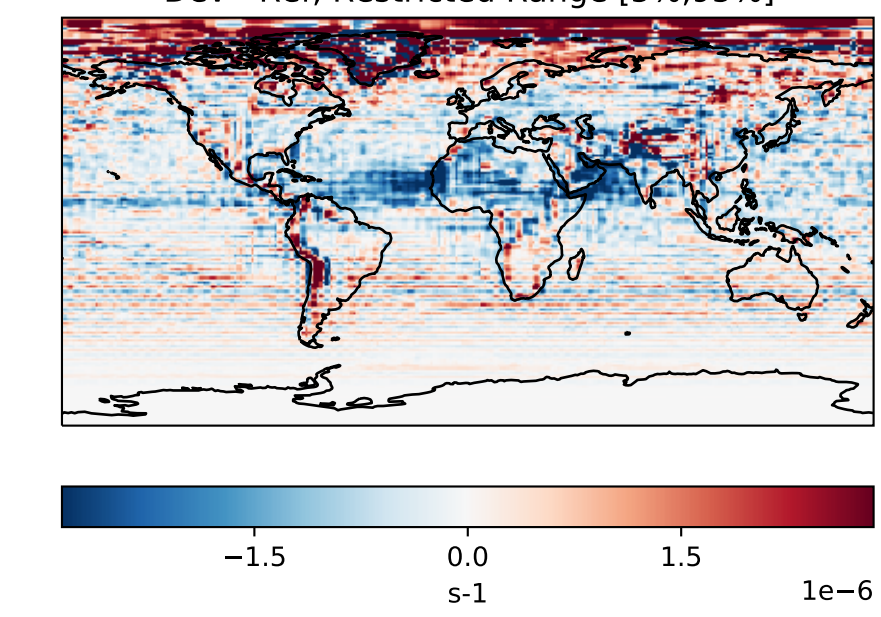
GCHP_13.1.0-beta.1 (Dev)
c48



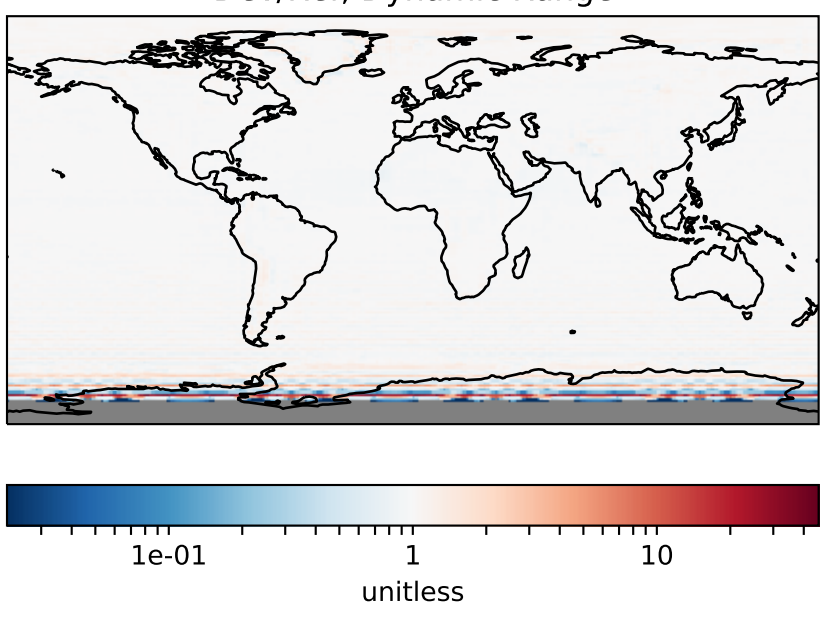
Difference (1x1.25)
Dev - Ref, Dynamic Range



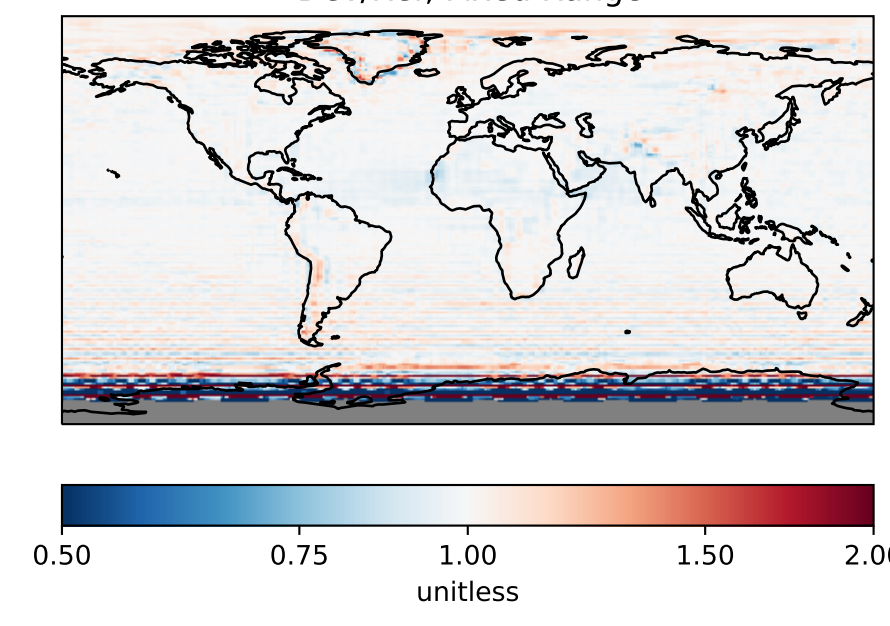
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

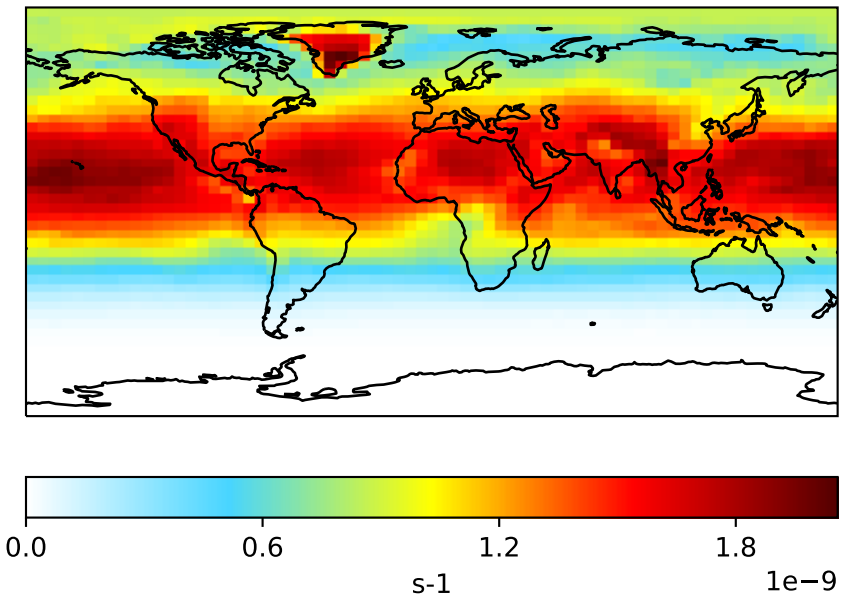


Ratio (1x1.25)
Dev/Ref, Fixed Range

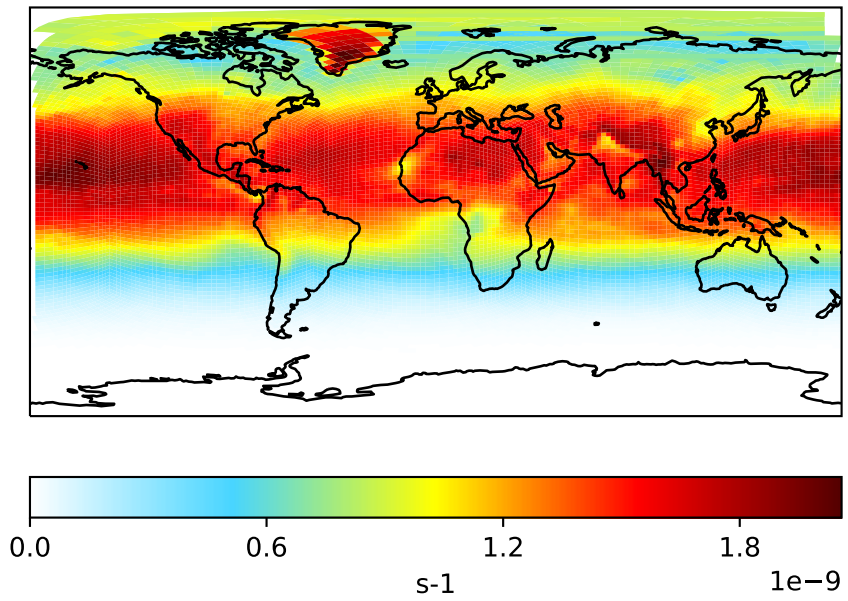


Jval_H1211

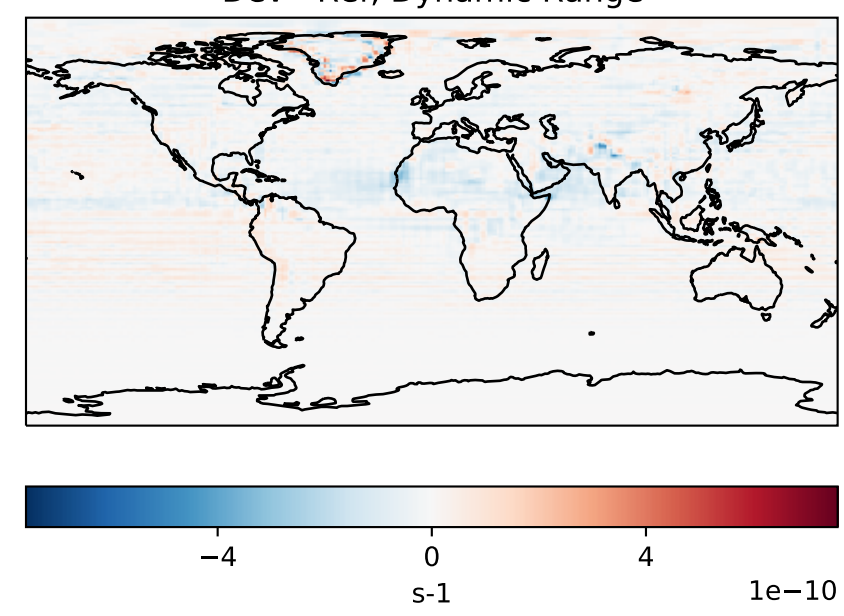
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



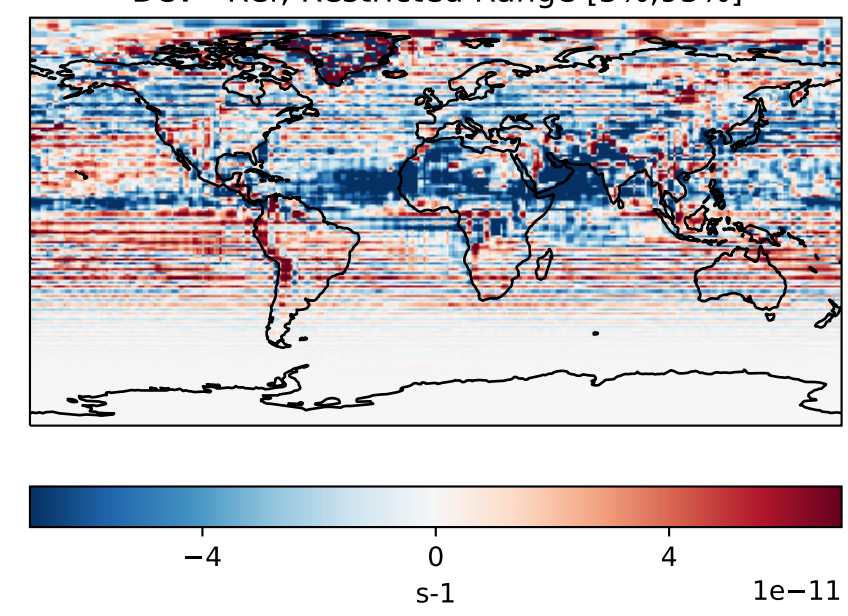
GCHP_13.1.0-beta.1 (Dev)
c48



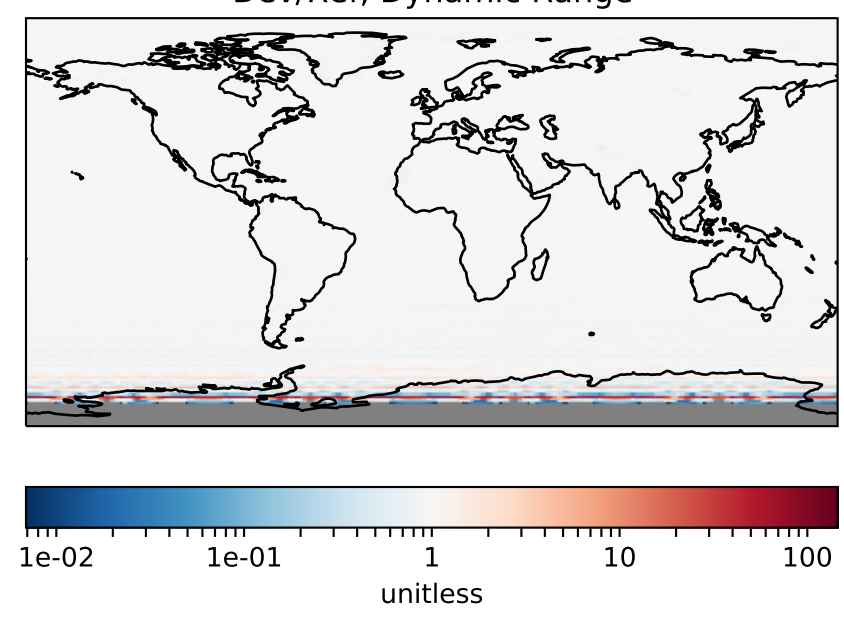
Difference (1x1.25)
Dev - Ref, Dynamic Range



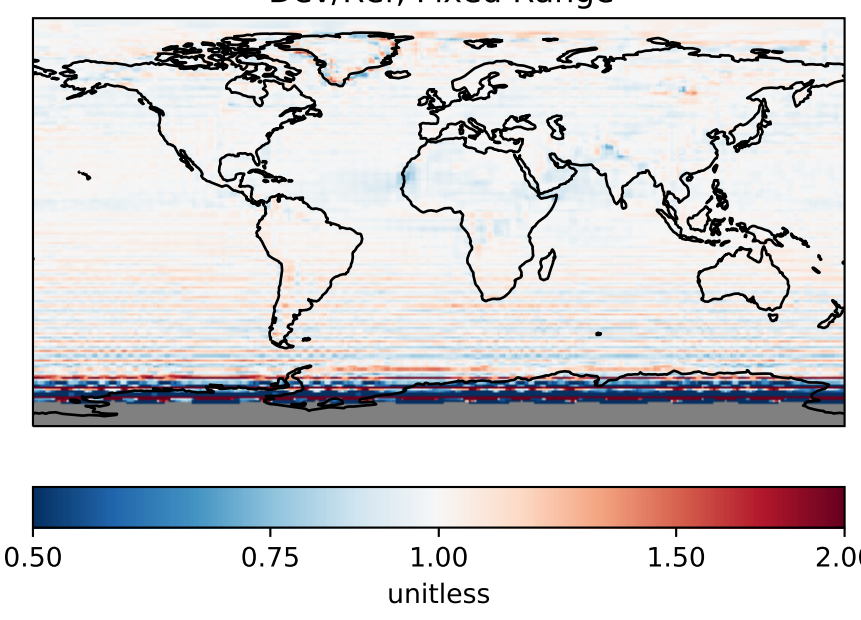
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

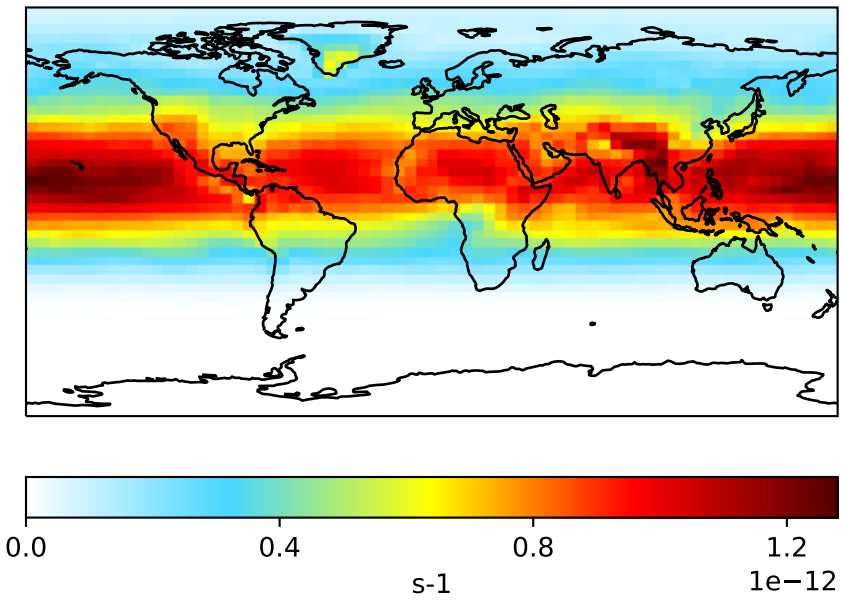


Ratio (1x1.25)
Dev/Ref, Fixed Range

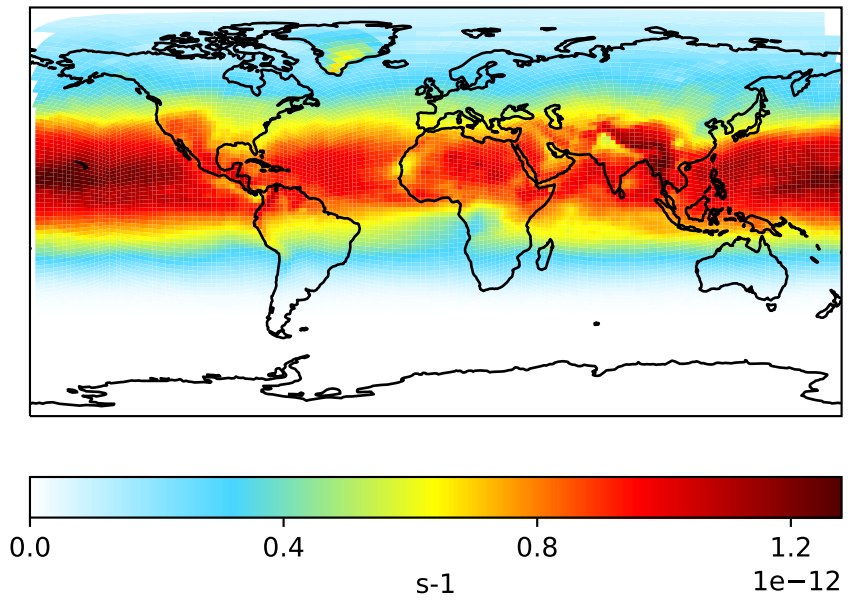


Jval_H1301

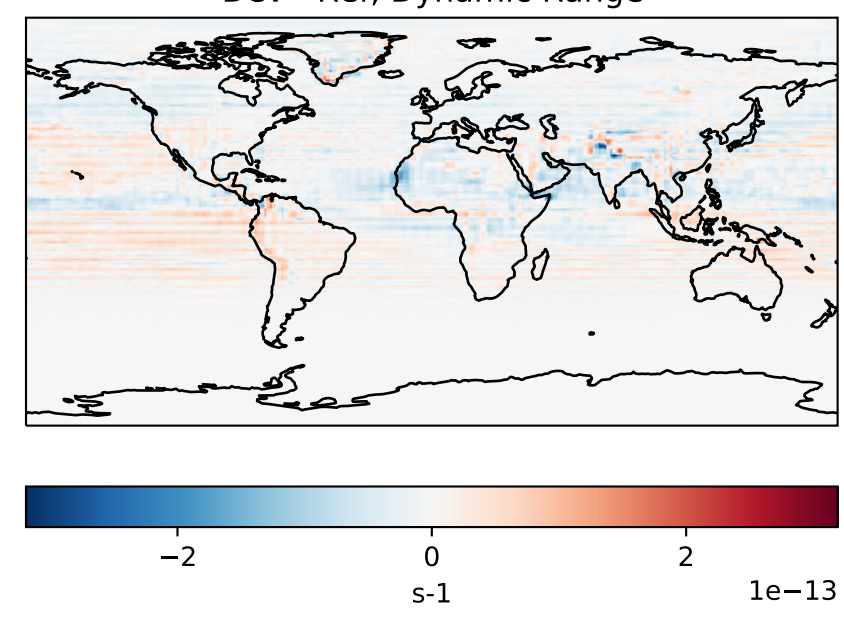
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



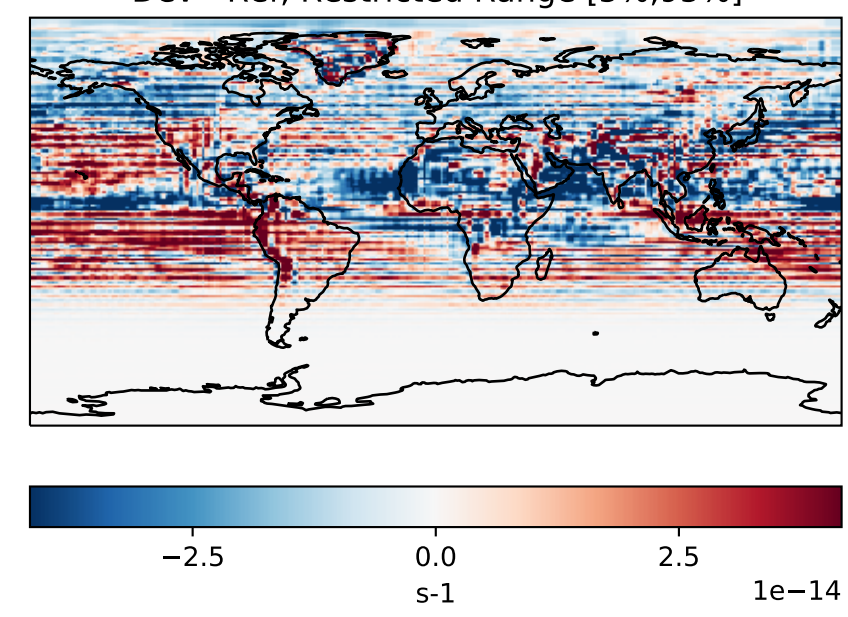
GCHP_13.1.0-beta.1 (Dev)
c48



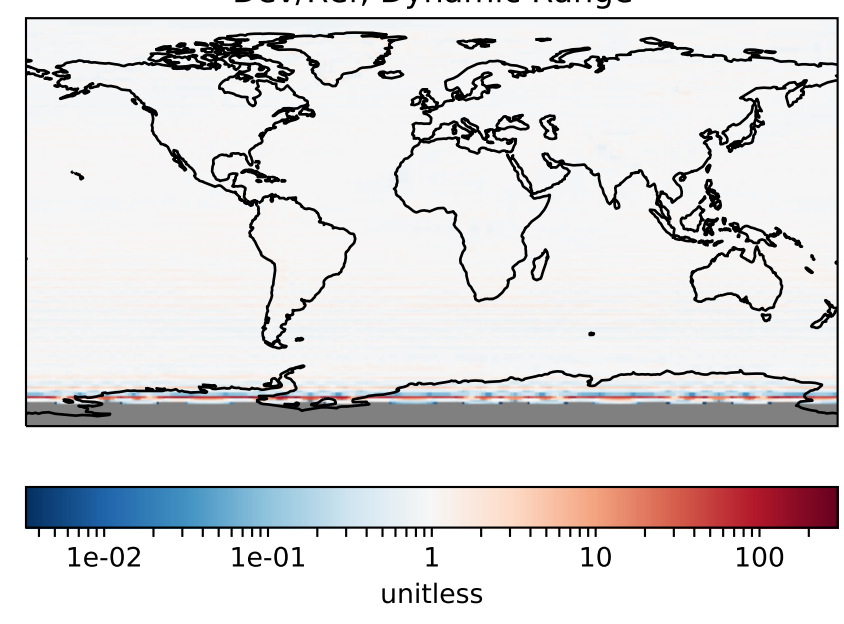
Difference (1x1.25)
Dev - Ref, Dynamic Range



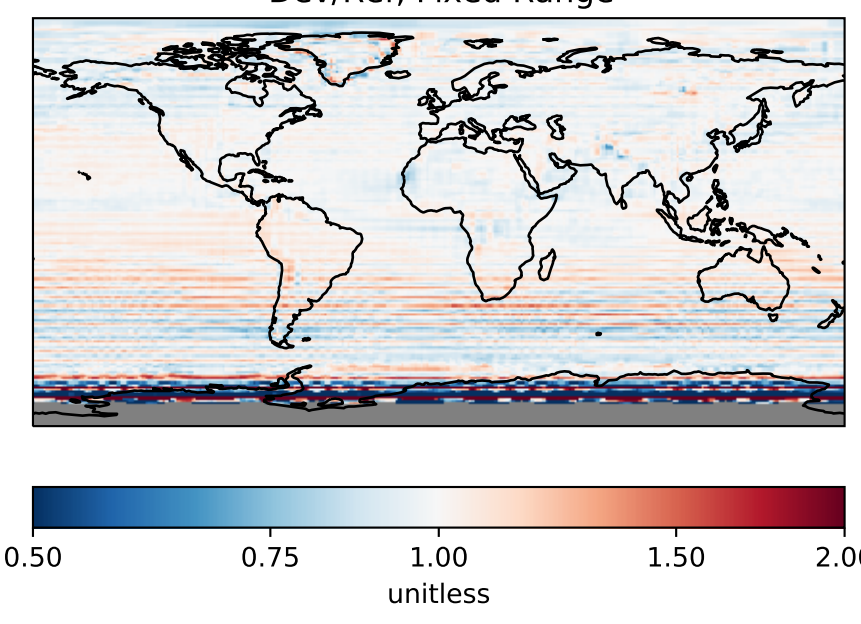
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

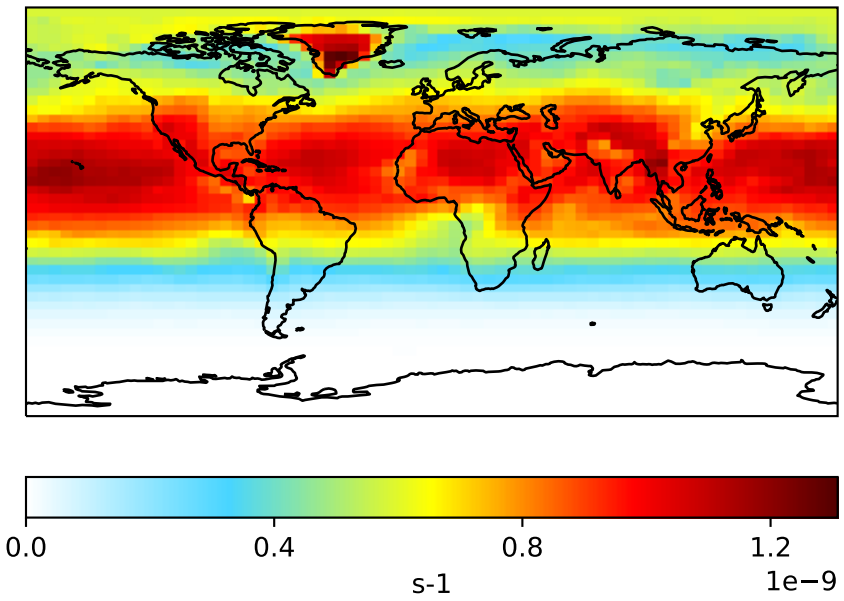


Ratio (1x1.25)
Dev/Ref, Fixed Range

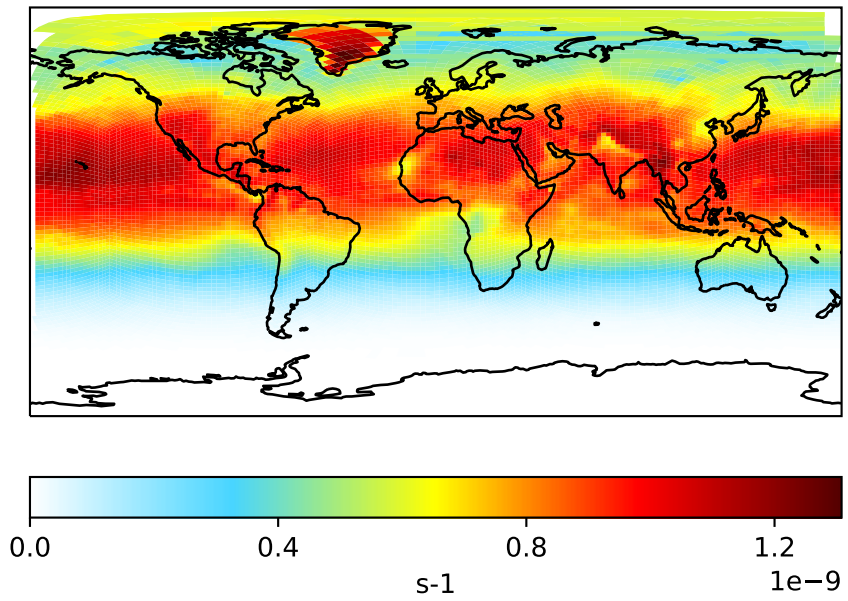


Jval_H2402

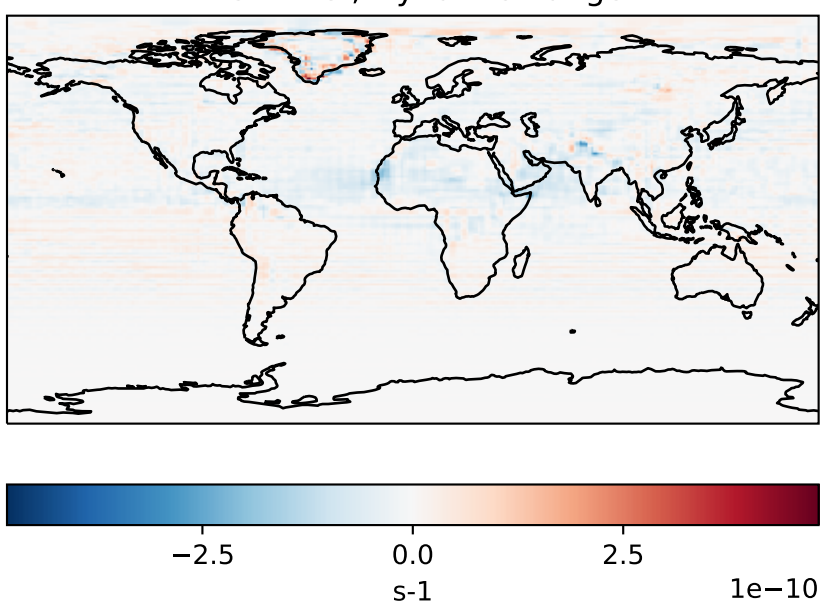
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



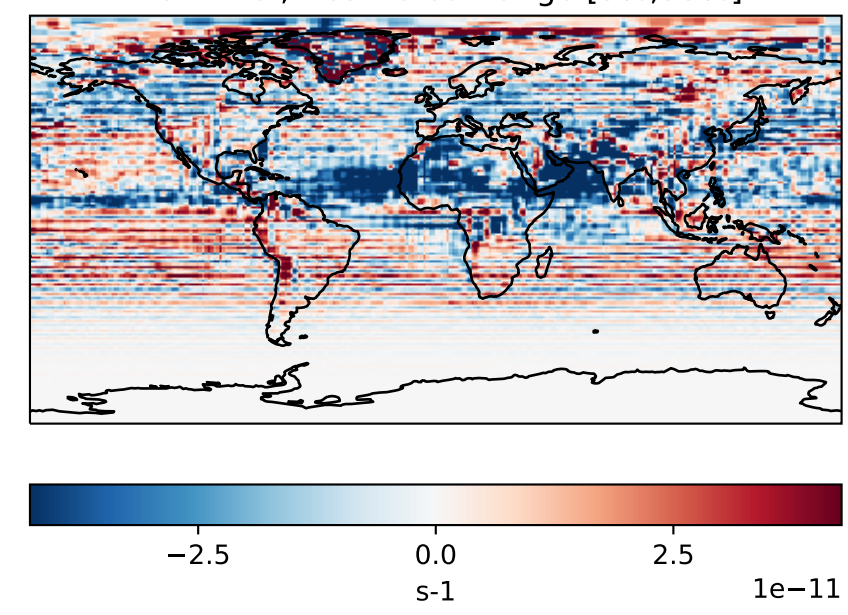
GCHP_13.1.0-beta.1 (Dev)
c48



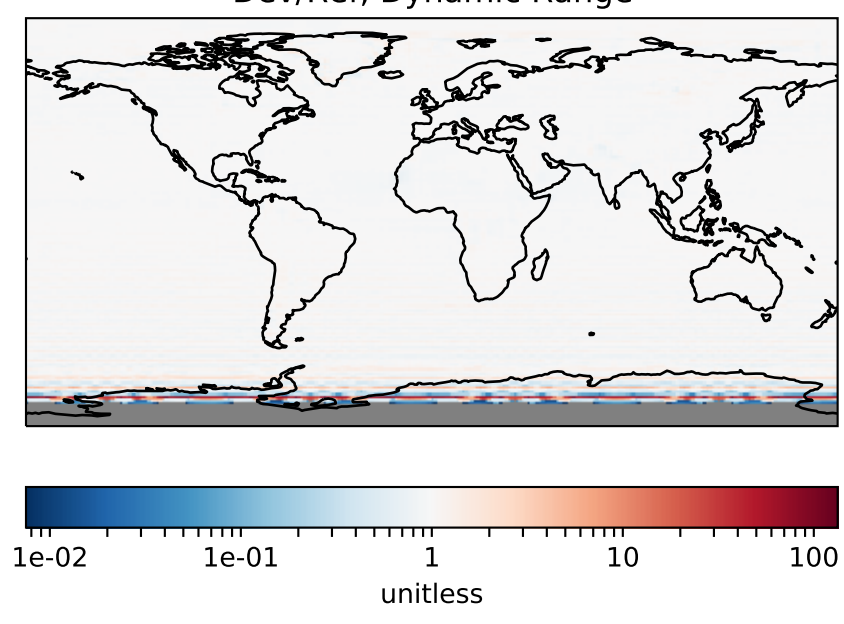
Difference (1x1.25)
Dev - Ref, Dynamic Range



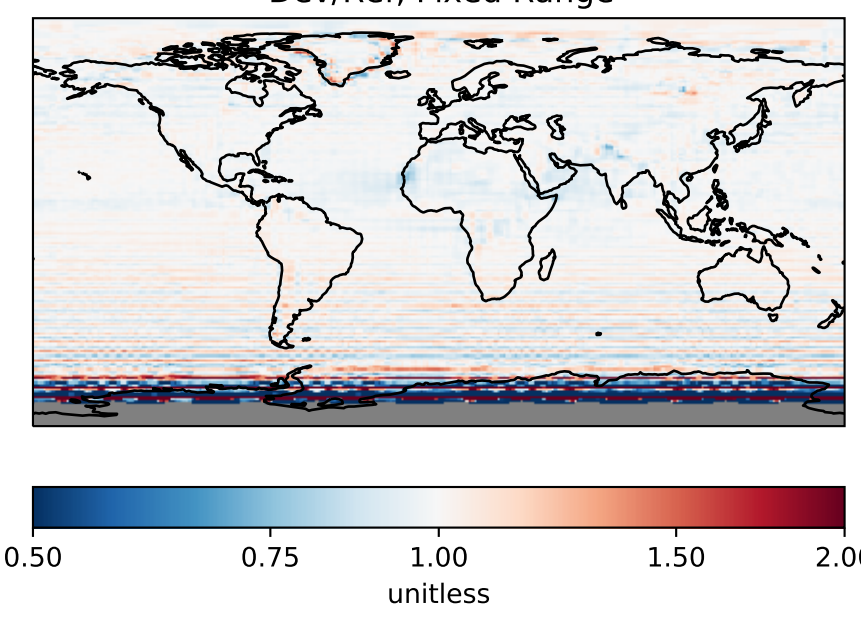
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

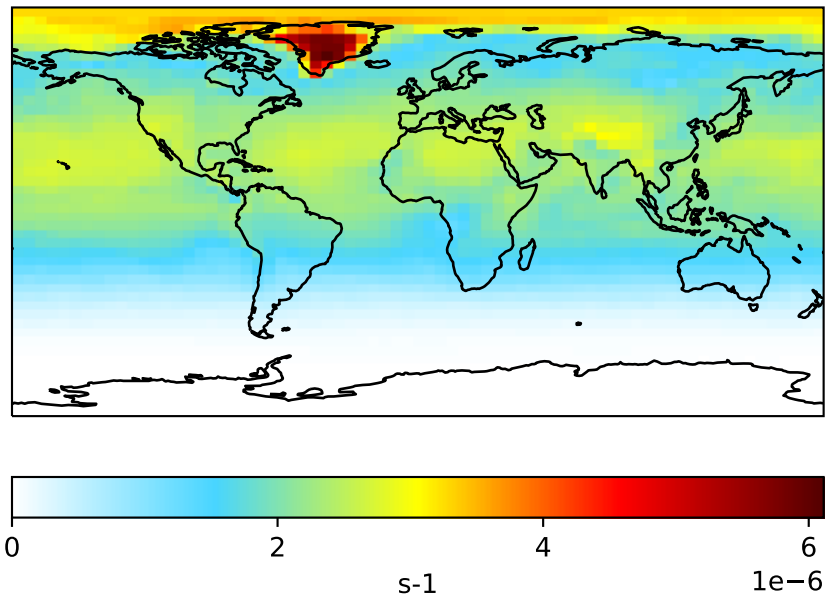


Ratio (1x1.25)
Dev/Ref, Fixed Range

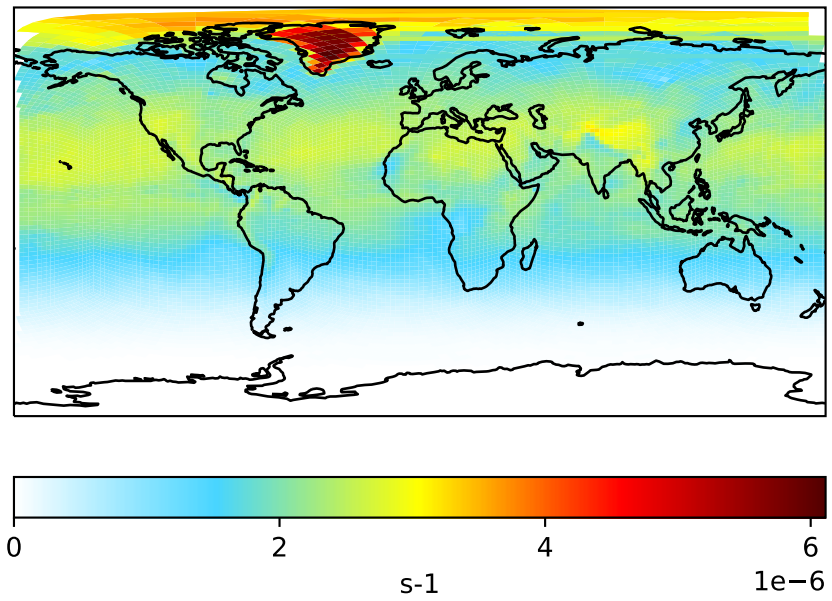


Jval_H2O2

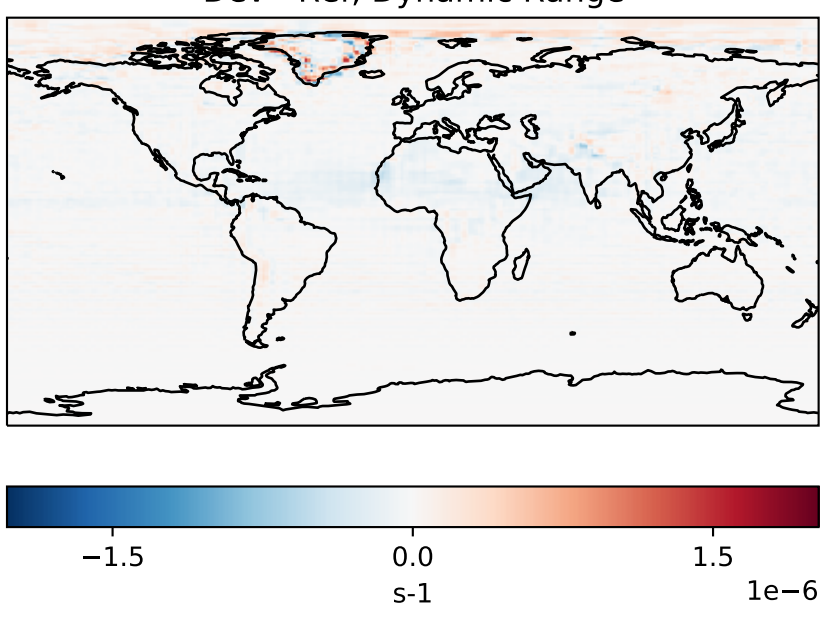
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



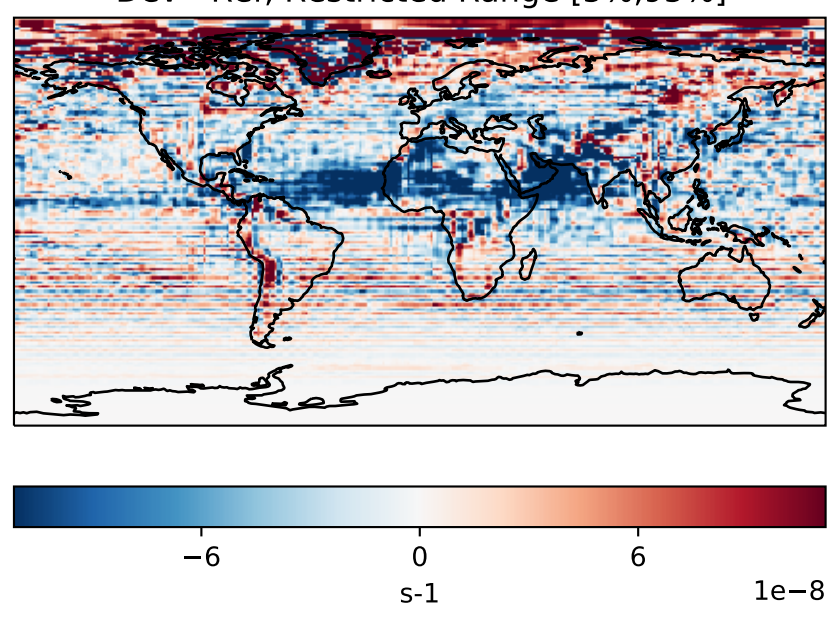
GCHP_13.1.0-beta.1 (Dev)
c48



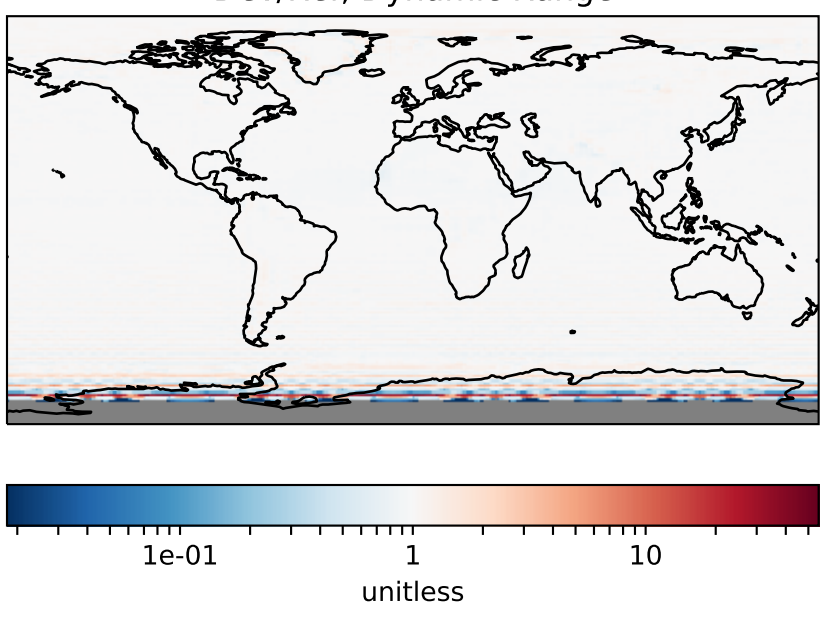
Difference (1x1.25)
Dev - Ref, Dynamic Range



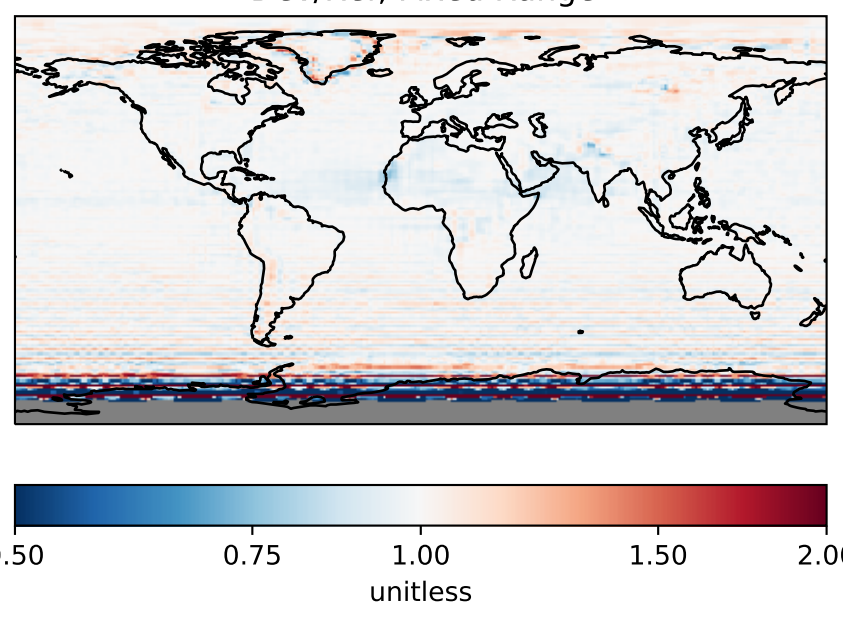
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

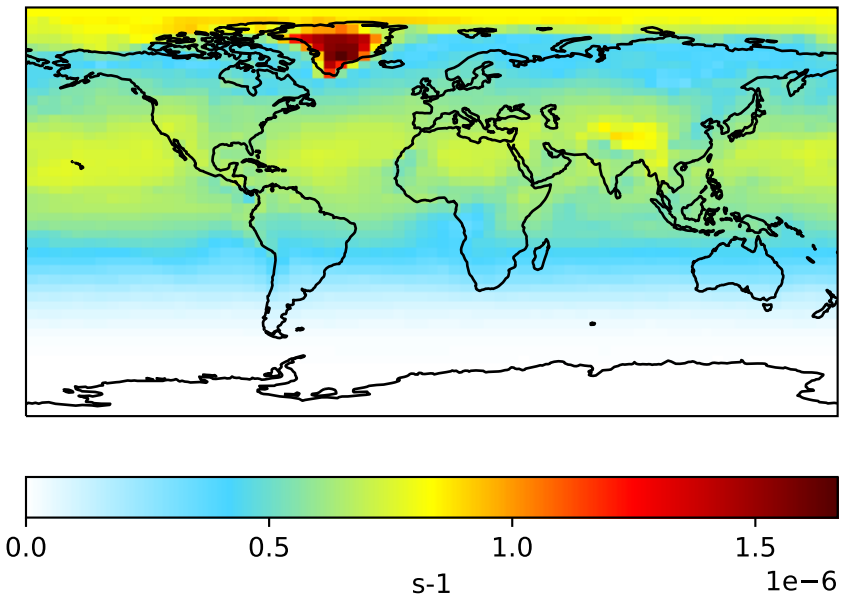


Ratio (1x1.25)
Dev/Ref, Fixed Range

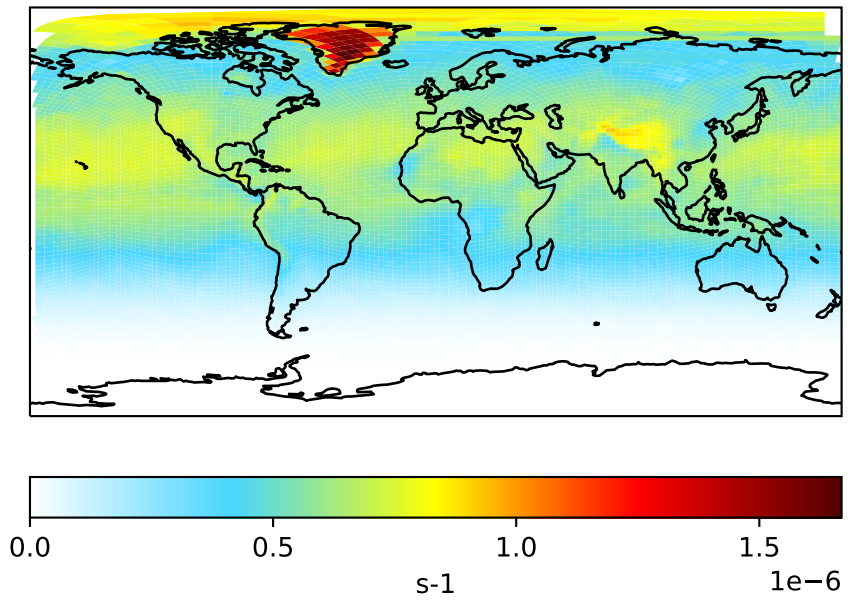


Jval_HAC

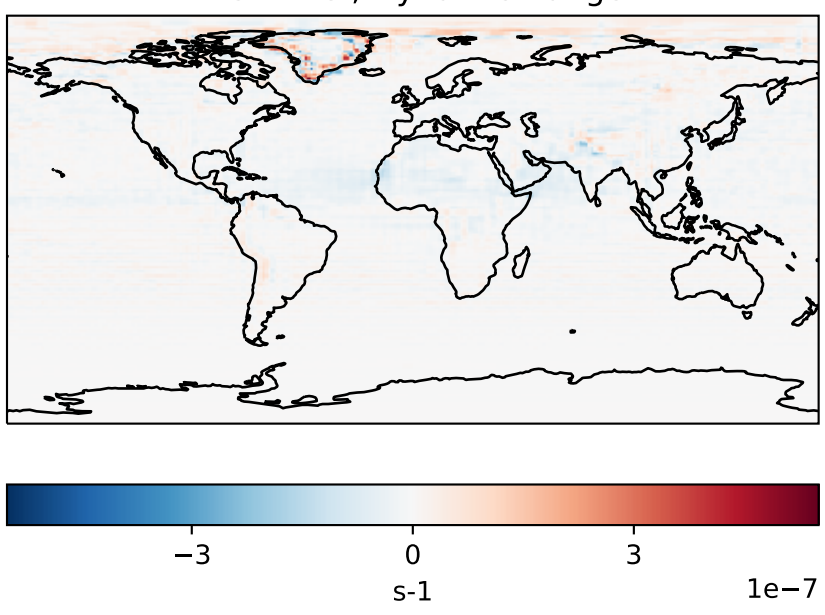
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



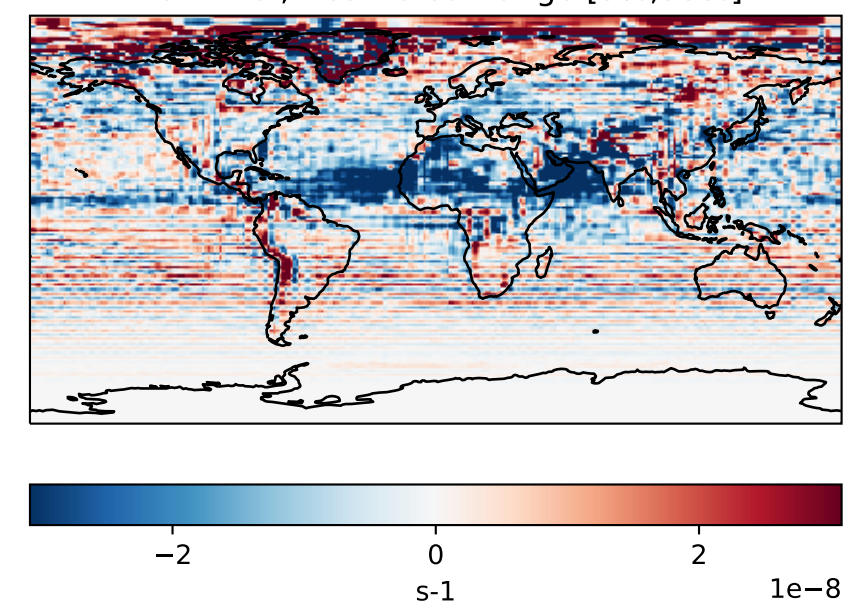
GCHP_13.1.0-beta.1 (Dev)
c48



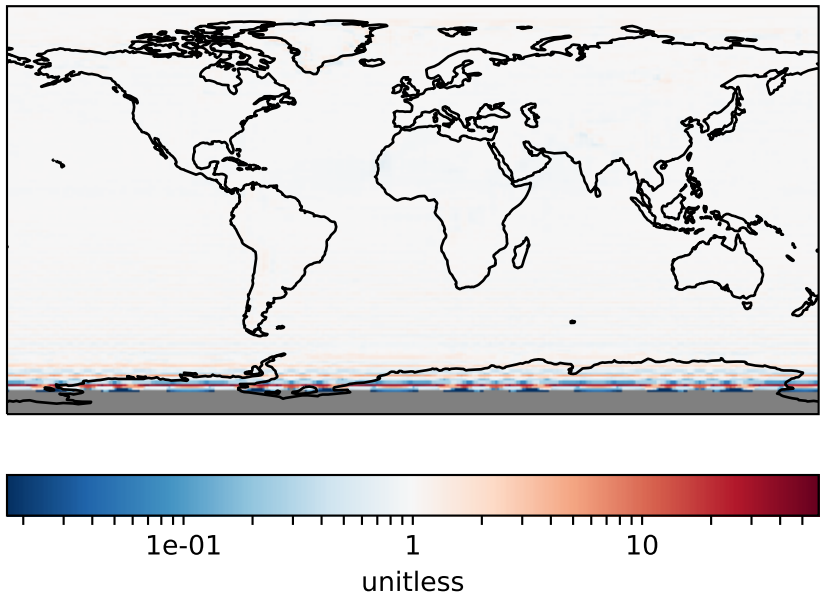
Difference (1x1.25)
Dev - Ref, Dynamic Range



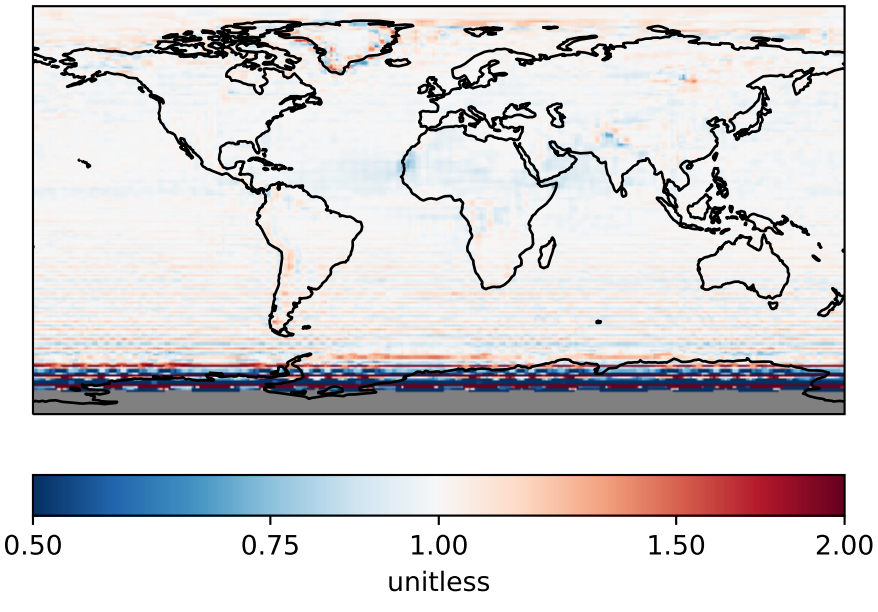
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

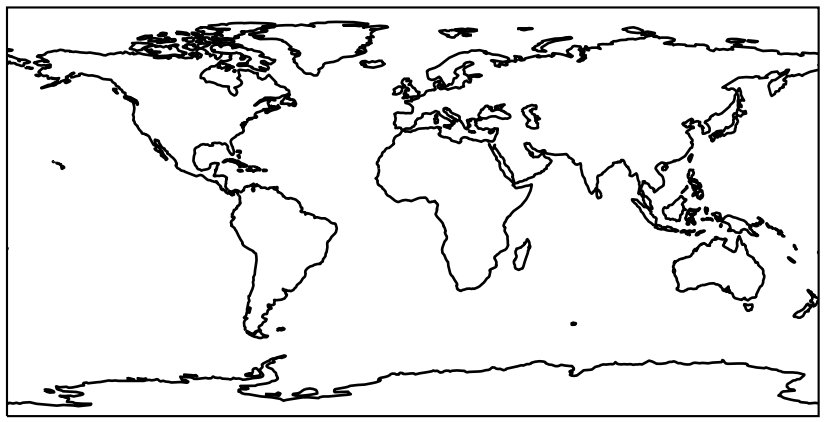


Ratio (1x1.25)
Dev/Ref, Fixed Range



Jval_HC5A

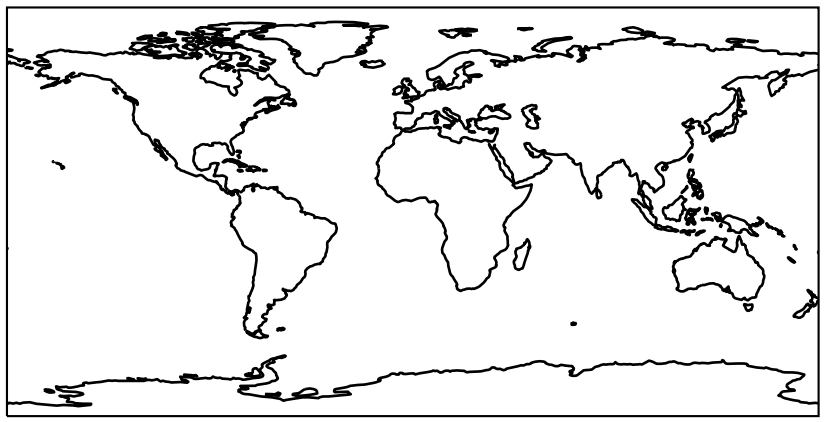
GCC_13.1.0-beta.1 (Ref)
4.0x5.0





Zero throughout domain
s-1

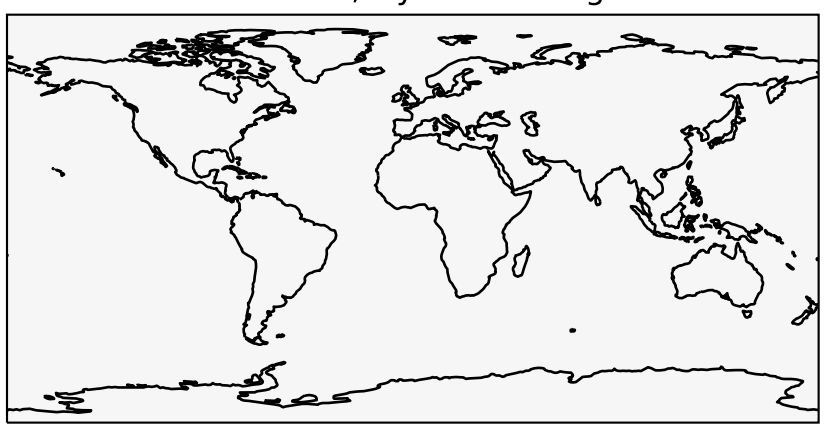
GCHP_13.1.0-beta.1 (Dev)
c48





Zero throughout domain
s-1

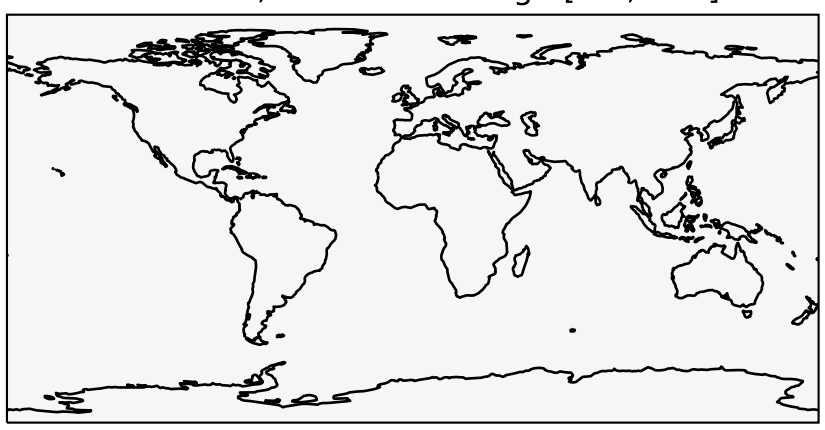
Difference (1x1.25)
Dev - Ref, Dynamic Range





Zero throughout domain
s-1

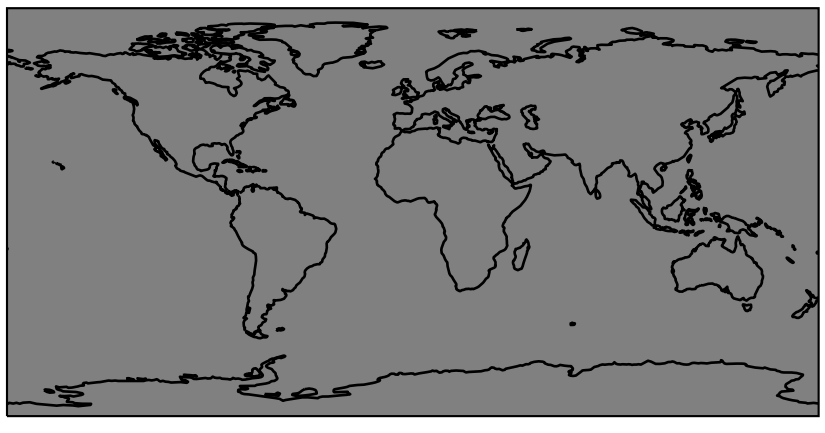
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]





Zero throughout domain
s-1

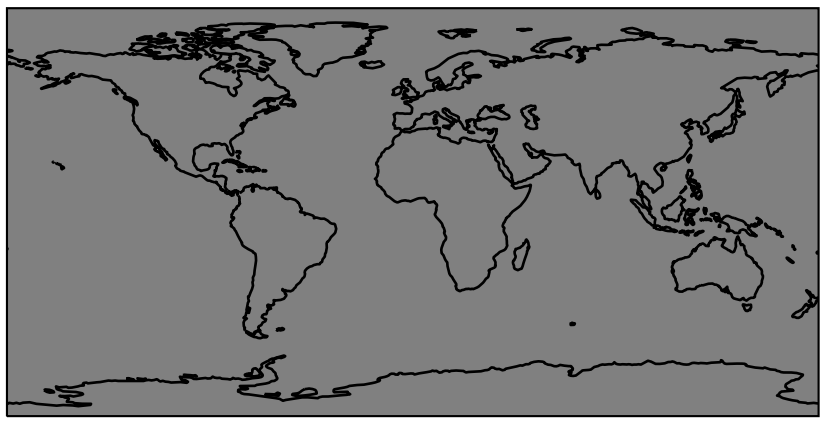
Ratio (1x1.25)
Dev/Ref, Dynamic Range





Undefined throughout domain
unitless

Ratio (1x1.25)
Dev/Ref, Fixed Range

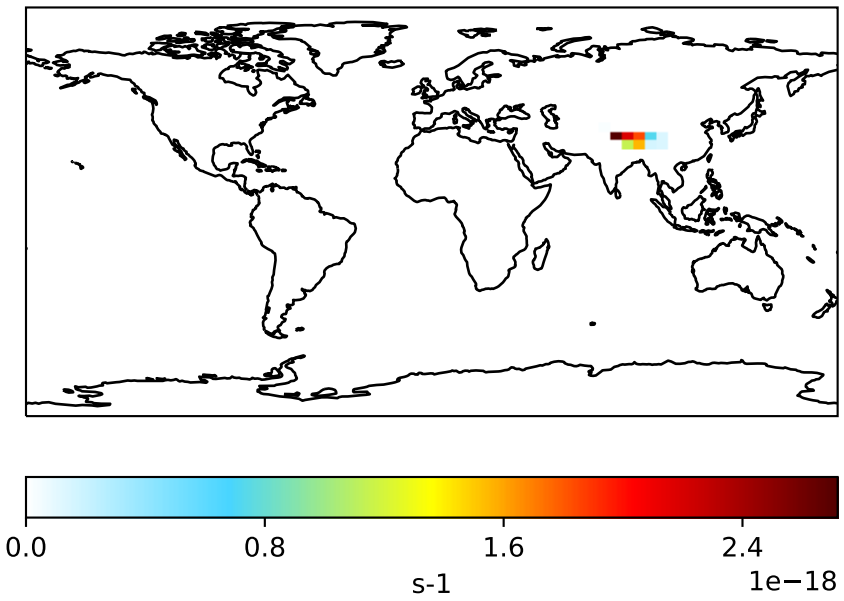




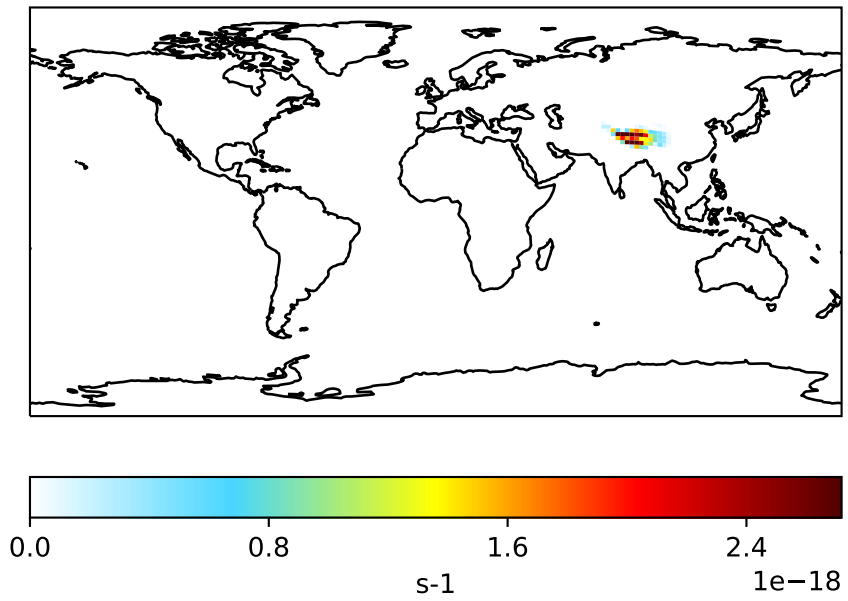
Undefined throughout domain
unitless

Jval_HCFC123

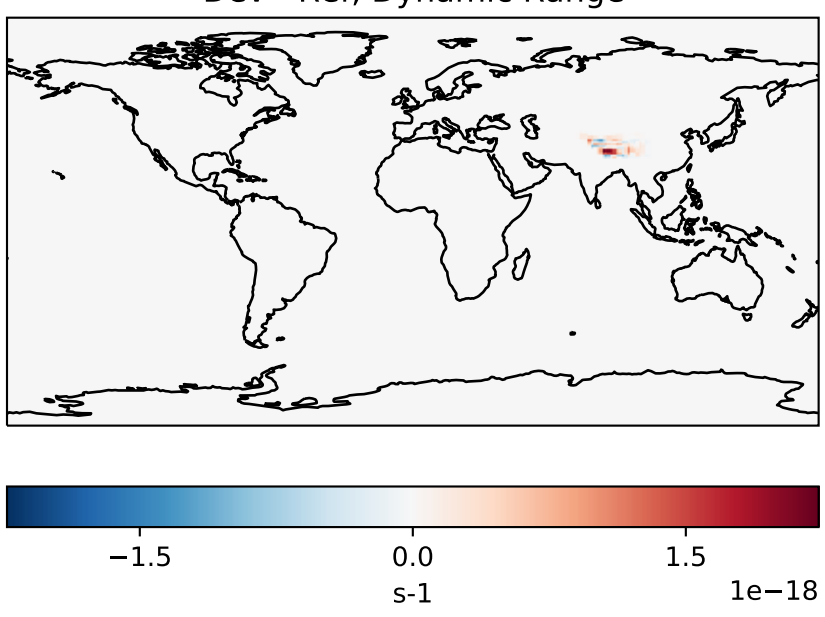
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



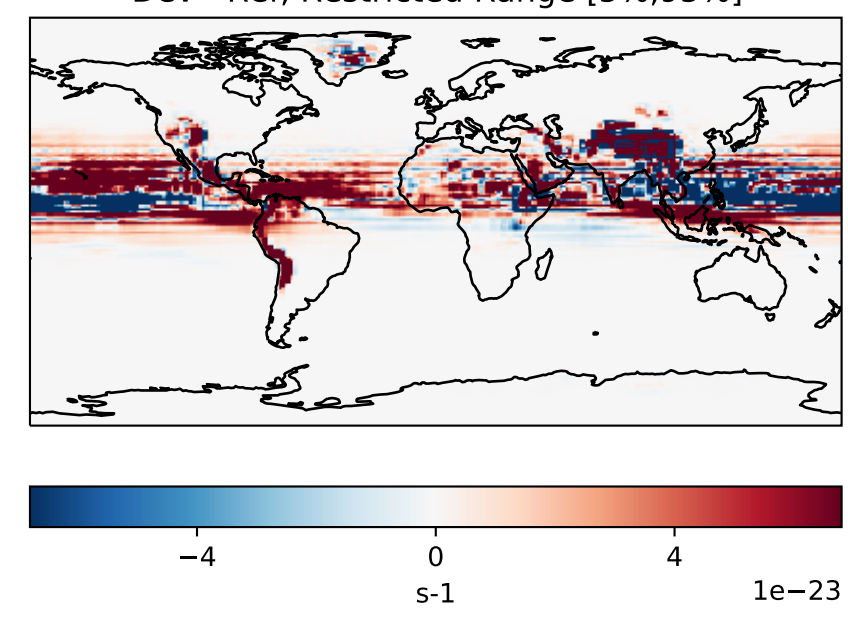
GCHP_13.1.0-beta.1 (Dev)
c48



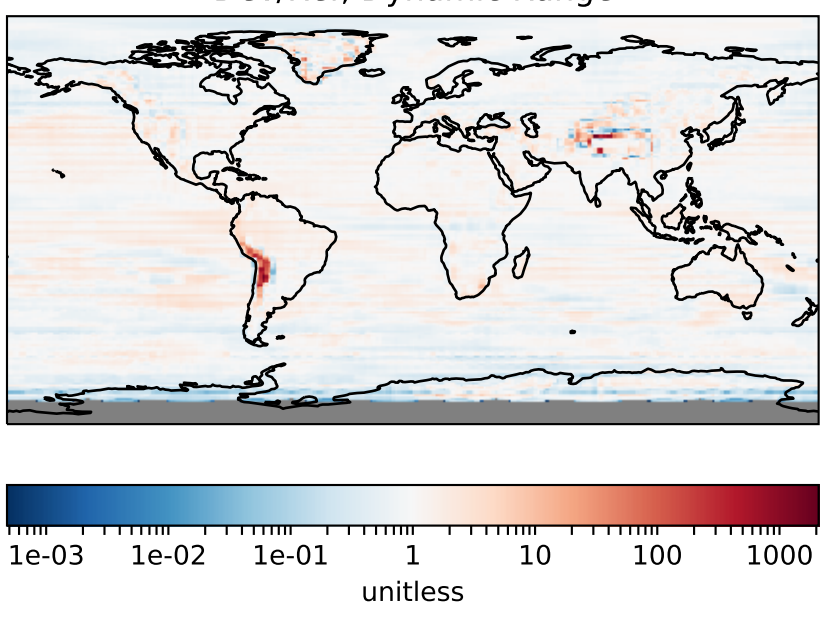
Difference (1x1.25)
Dev - Ref, Dynamic Range



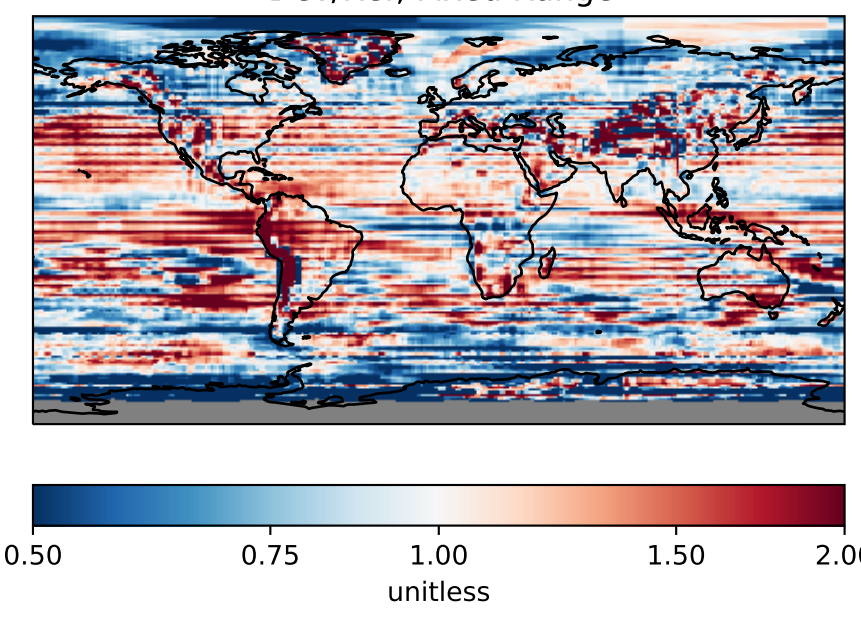
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

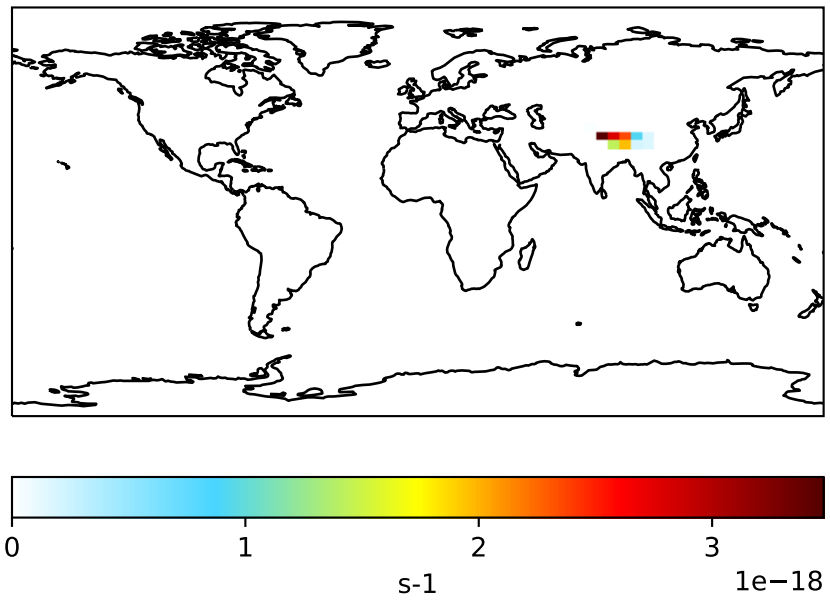


Ratio (1x1.25)
Dev/Ref, Fixed Range

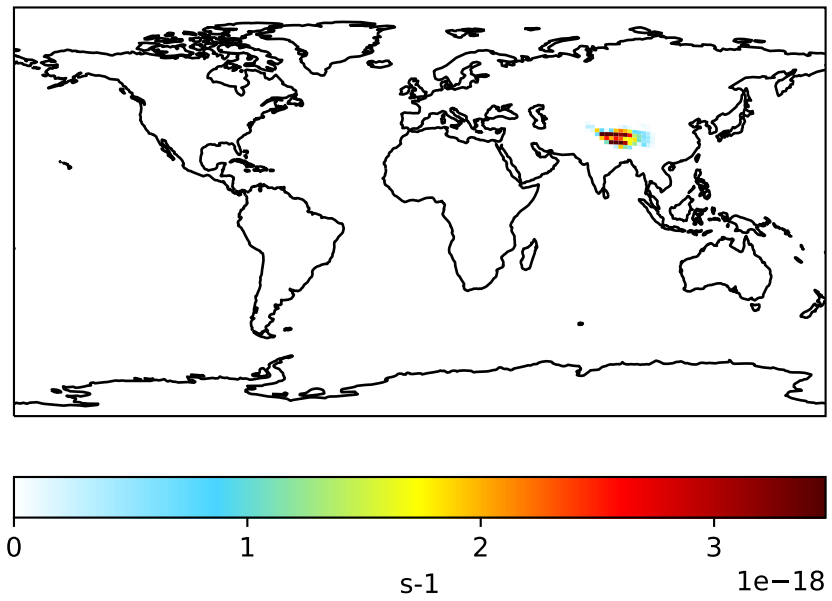


Jval_HCFC141b

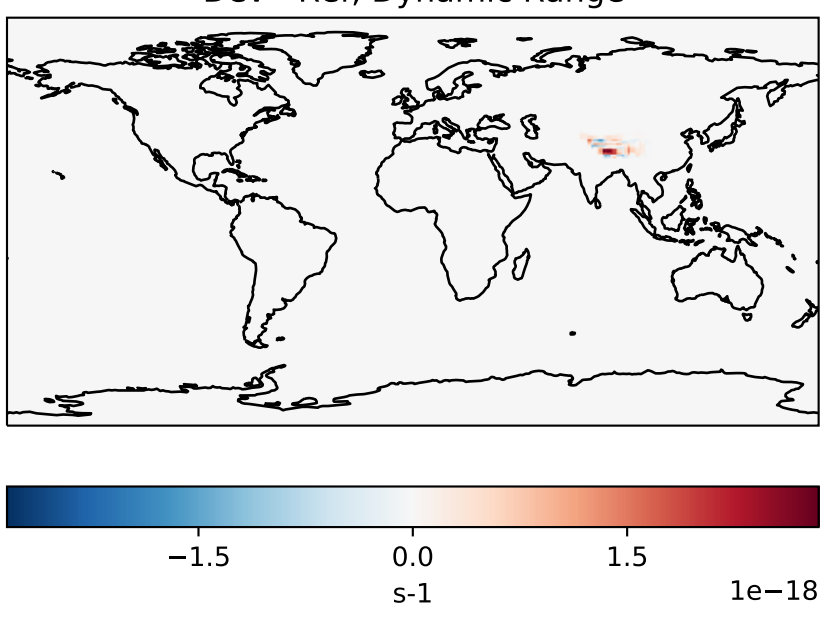
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



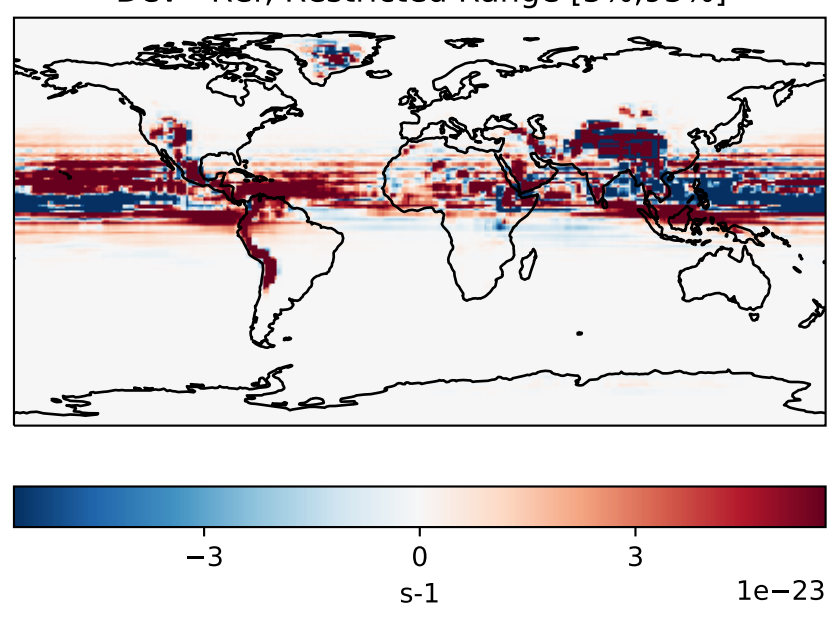
GCHP_13.1.0-beta.1 (Dev)
c48



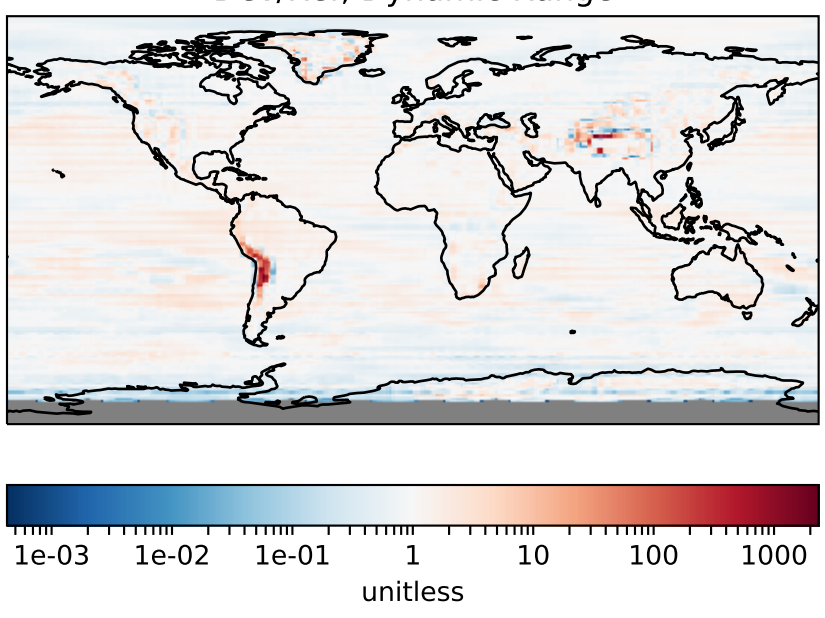
Difference (1x1.25)
Dev - Ref, Dynamic Range



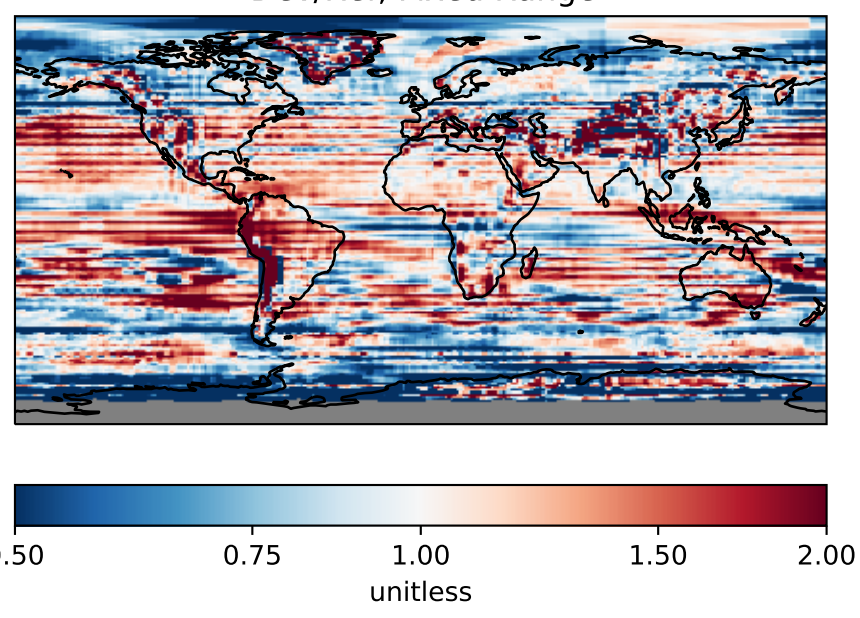
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

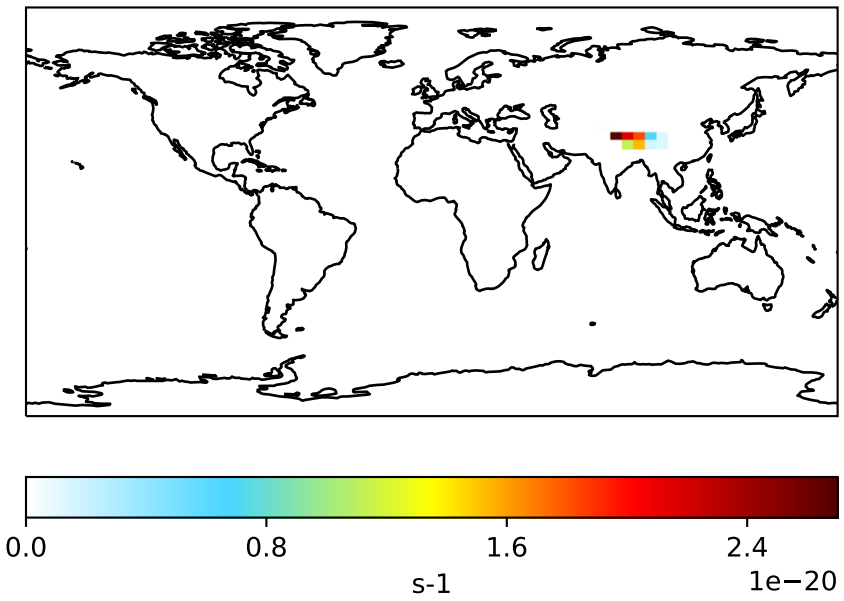


Ratio (1x1.25)
Dev/Ref, Fixed Range

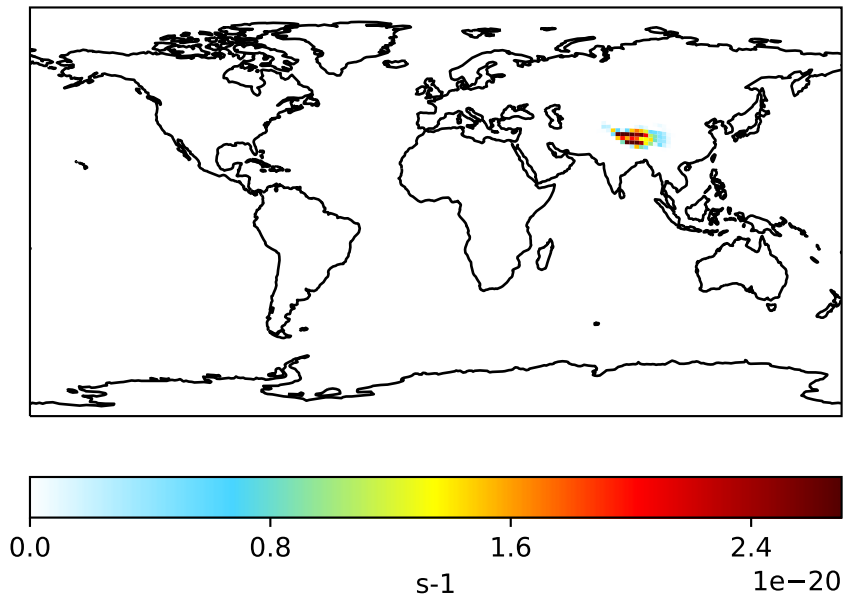


Jval_HCFC142b

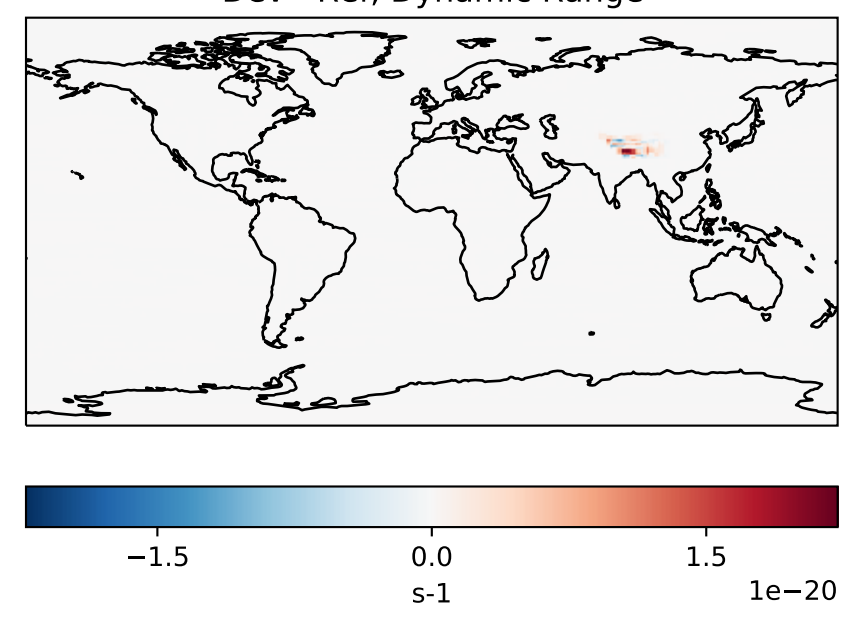
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



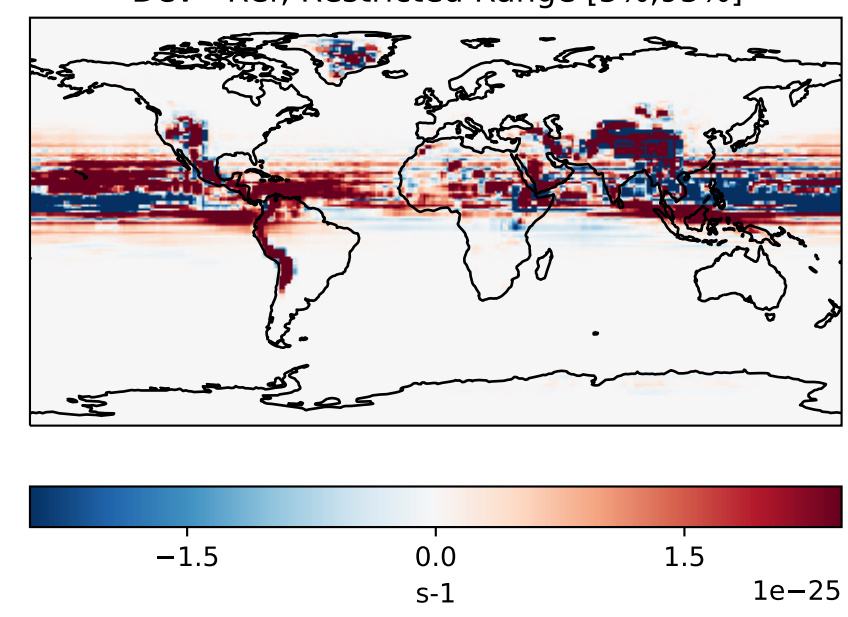
GCHP_13.1.0-beta.1 (Dev)
c48



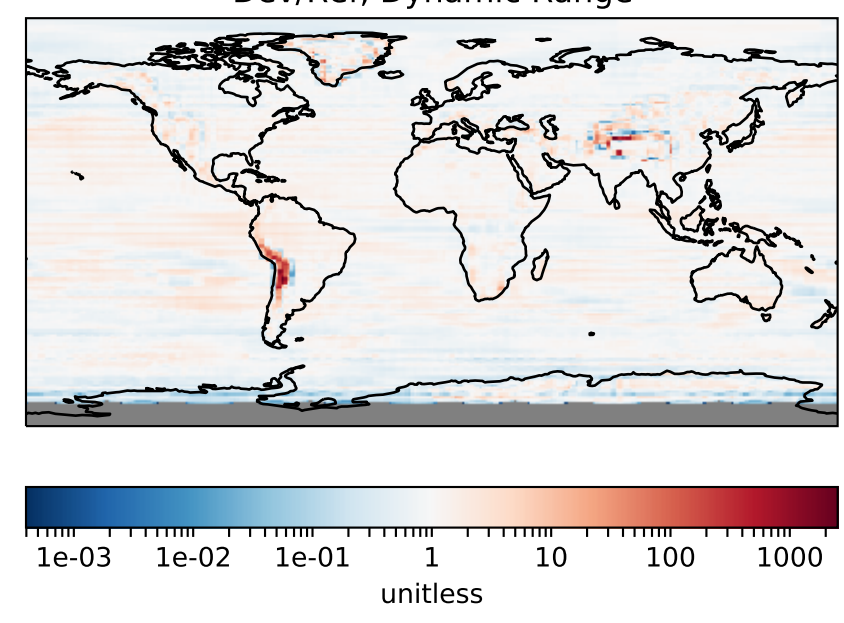
Difference (1x1.25)
Dev - Ref, Dynamic Range



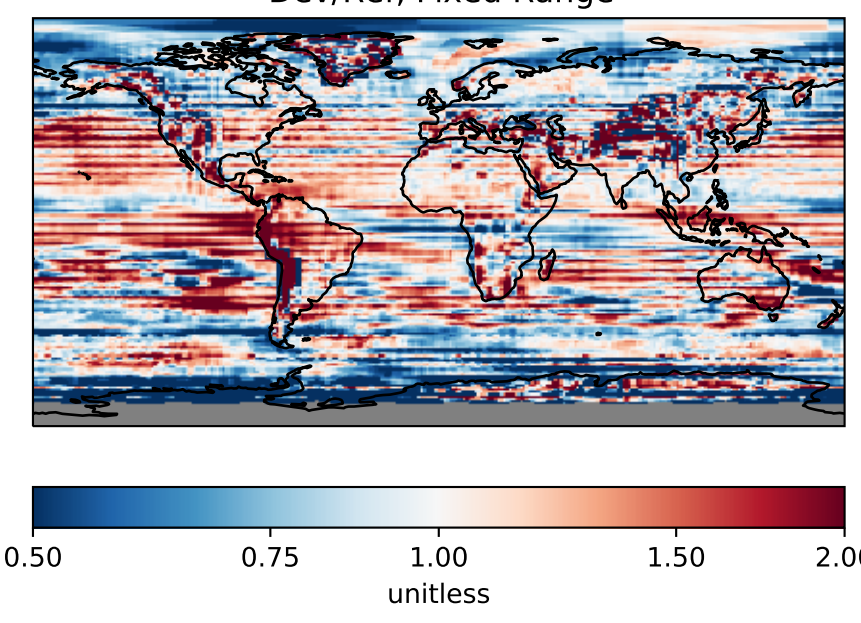
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

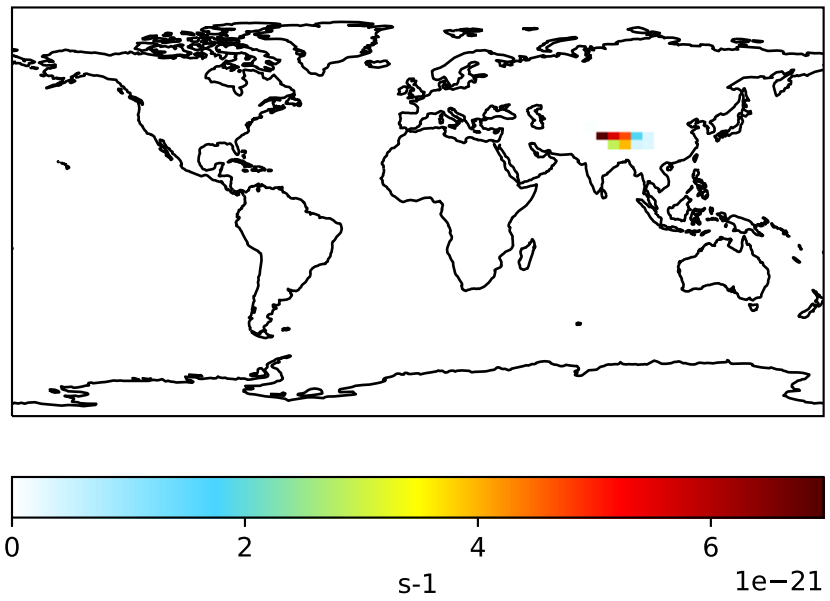


Ratio (1x1.25)
Dev/Ref, Fixed Range

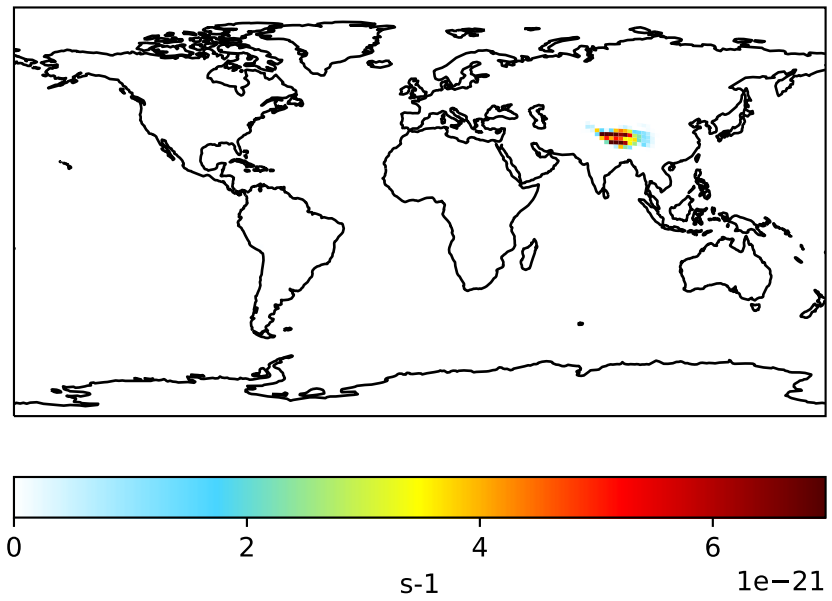


Jval_HCFC22

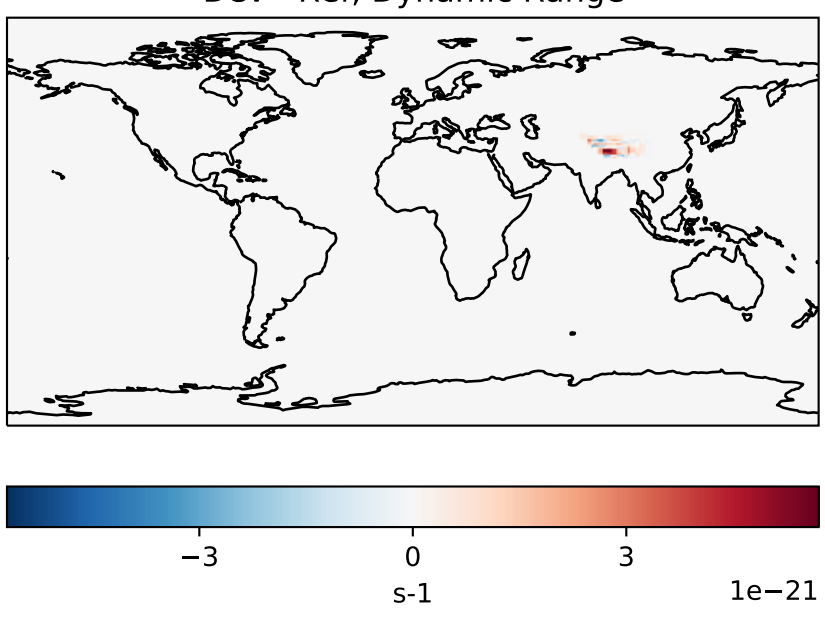
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



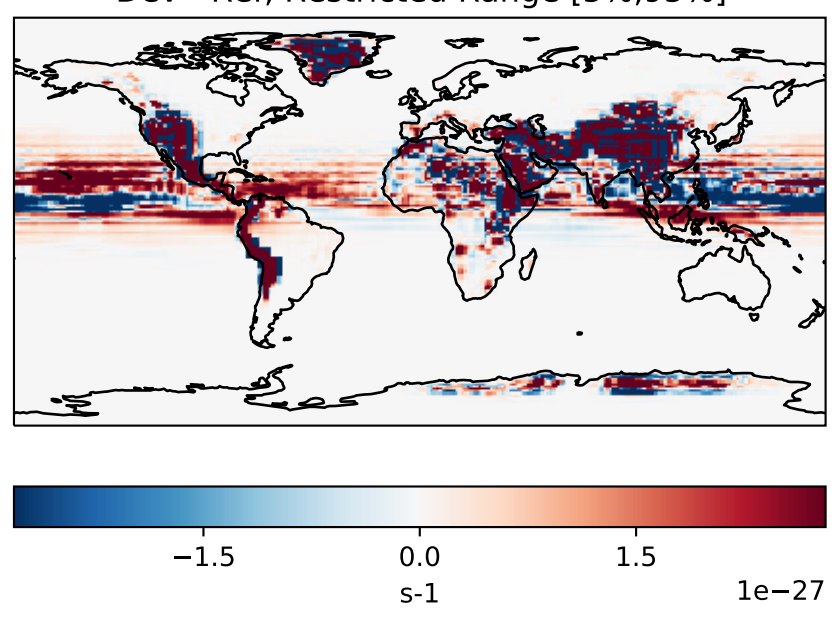
GCHP_13.1.0-beta.1 (Dev)
c48



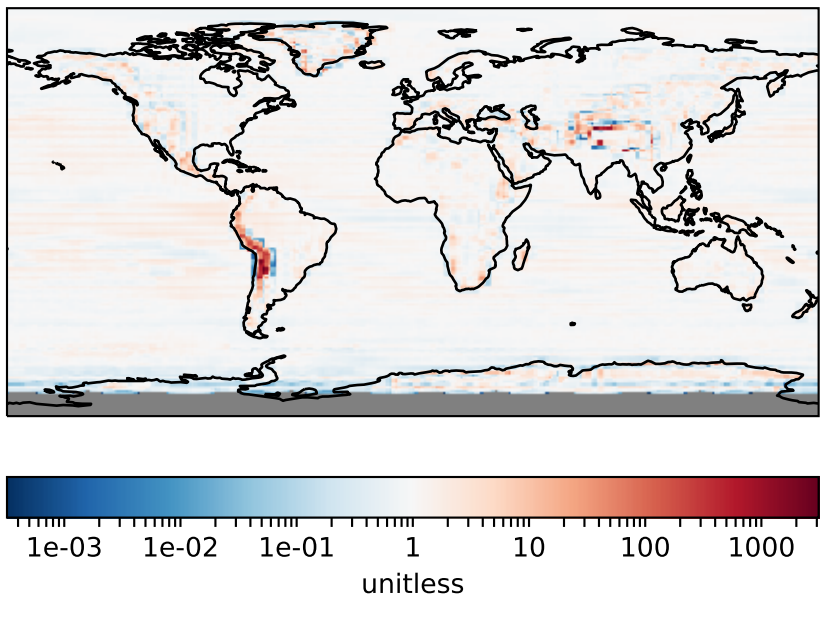
Difference (1x1.25)
Dev - Ref, Dynamic Range



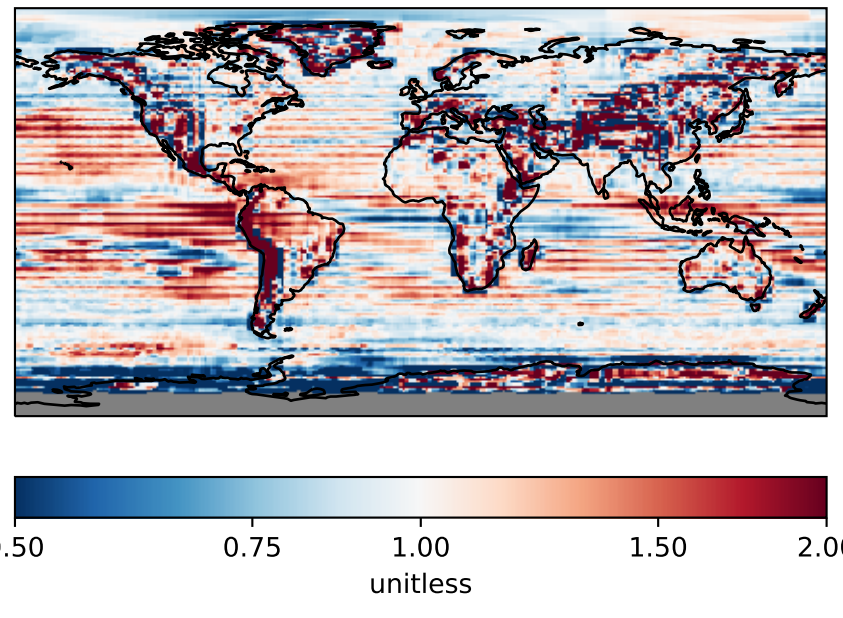
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

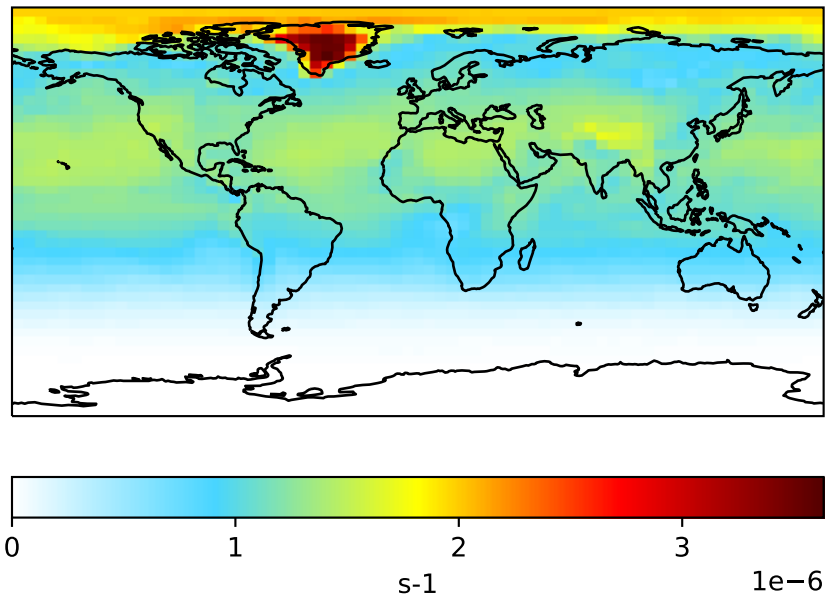


Ratio (1x1.25)
Dev/Ref, Fixed Range

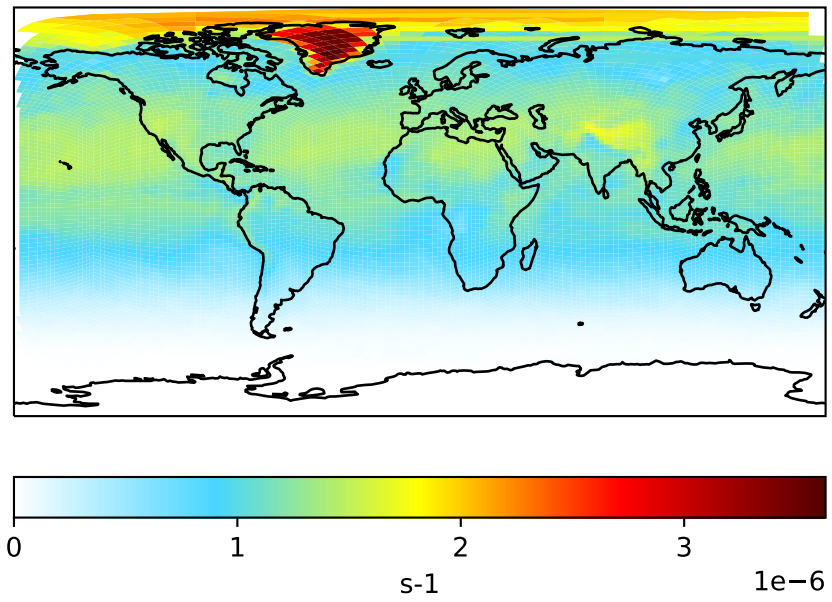


Jval_HMHP

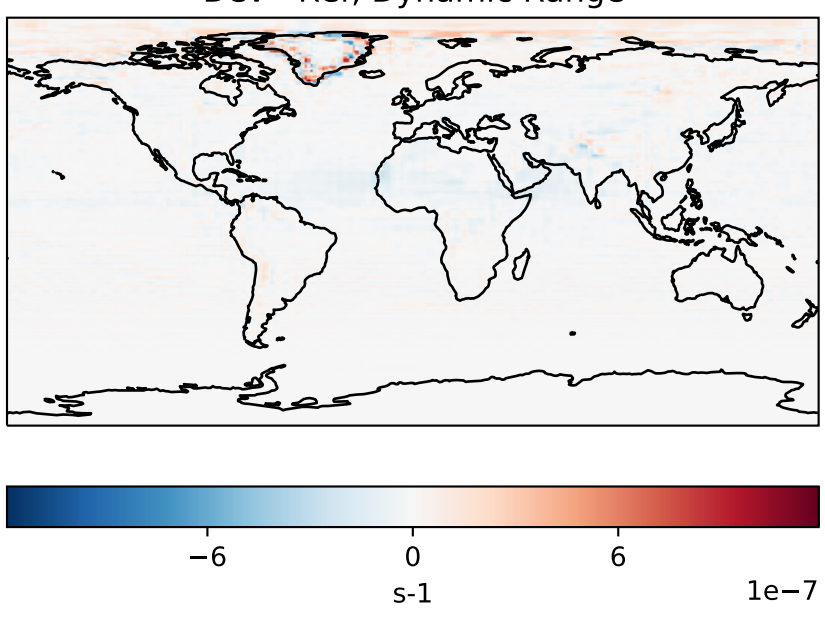
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



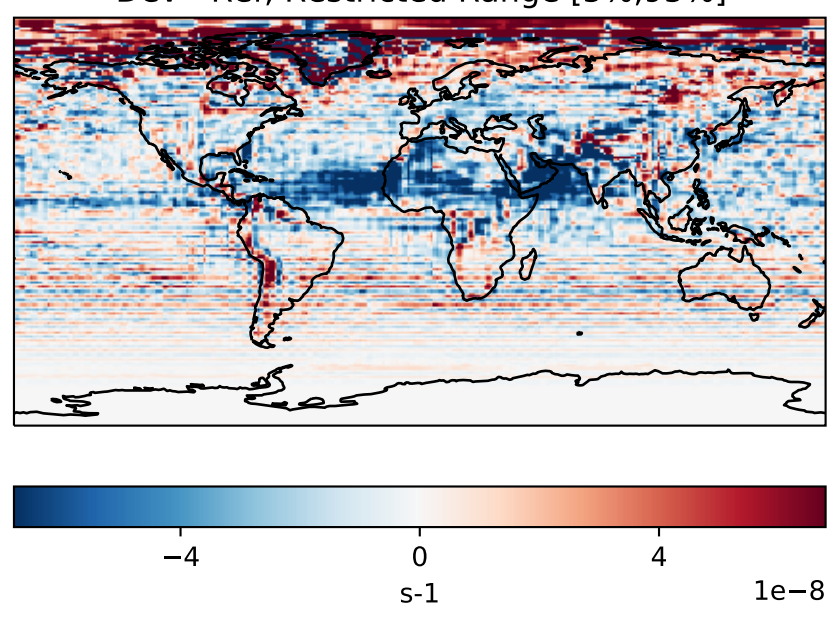
GCHP_13.1.0-beta.1 (Dev)
c48



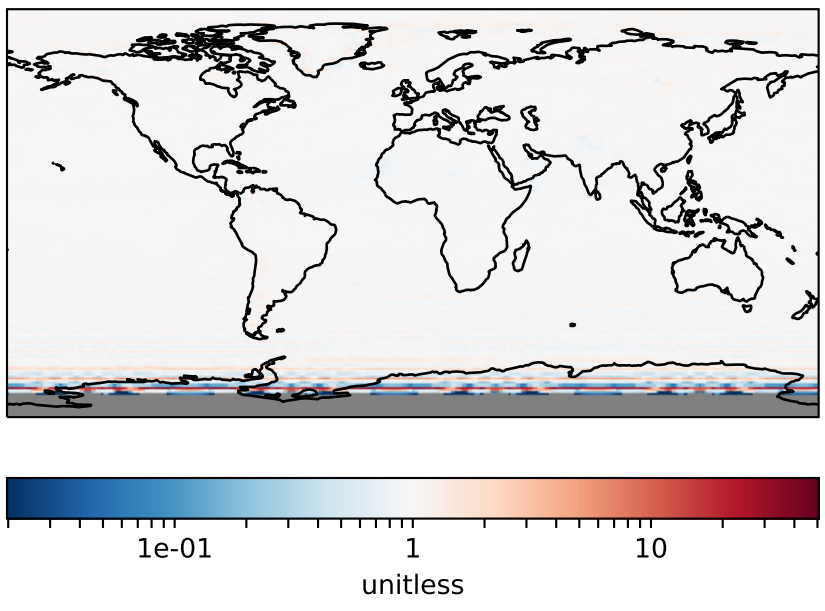
Difference (1x1.25)
Dev - Ref, Dynamic Range



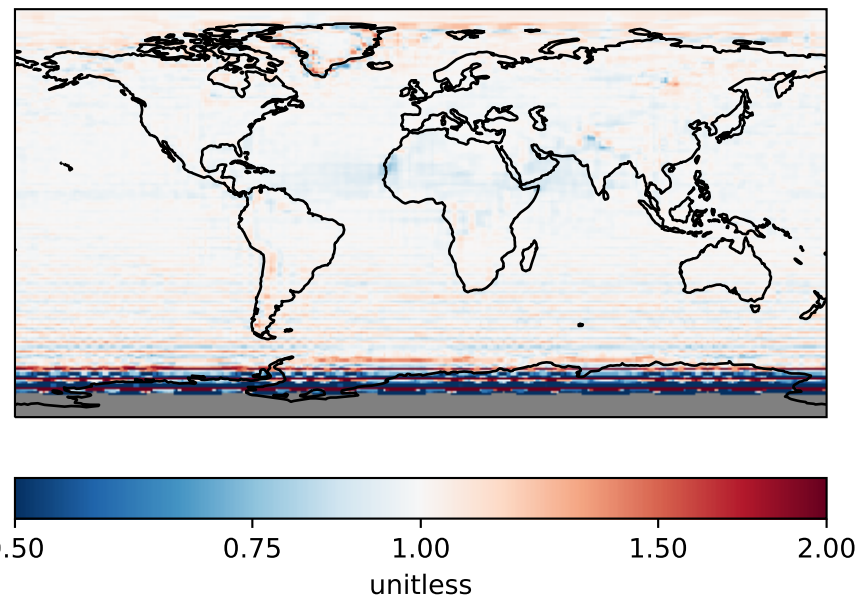
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

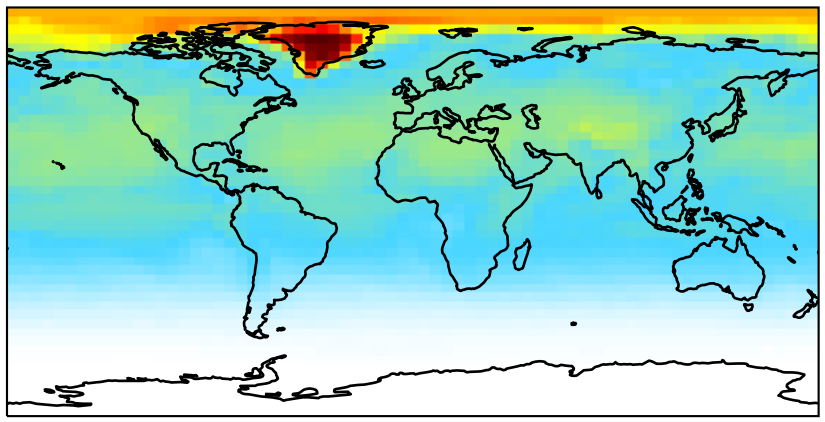


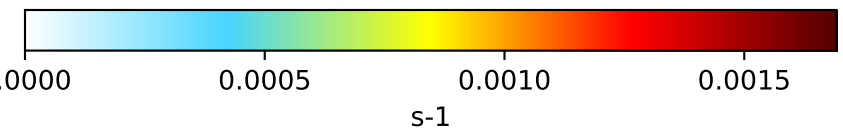
Ratio (1x1.25)
Dev/Ref, Fixed Range



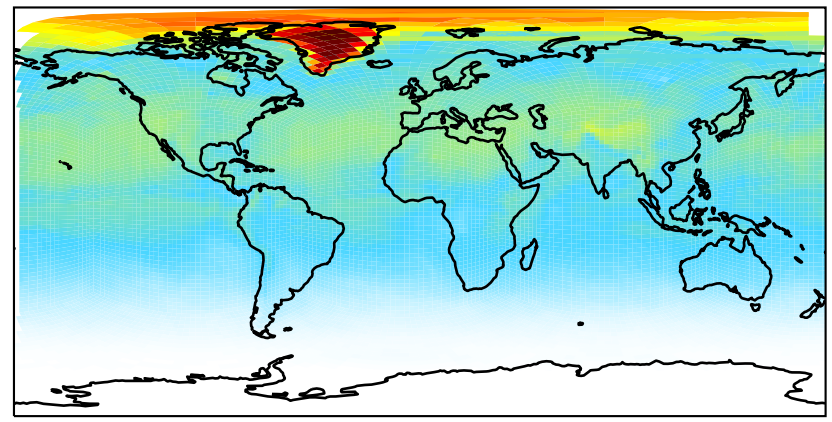
Jval_HNO2

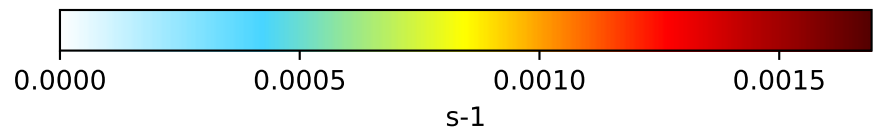
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



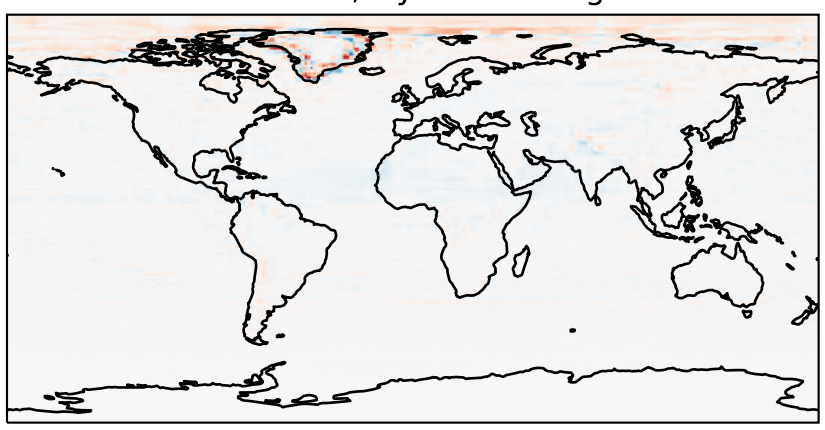


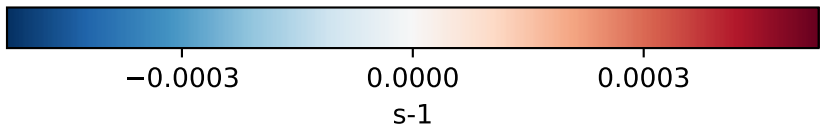
GCHP_13.1.0-beta.1 (Dev)
c48



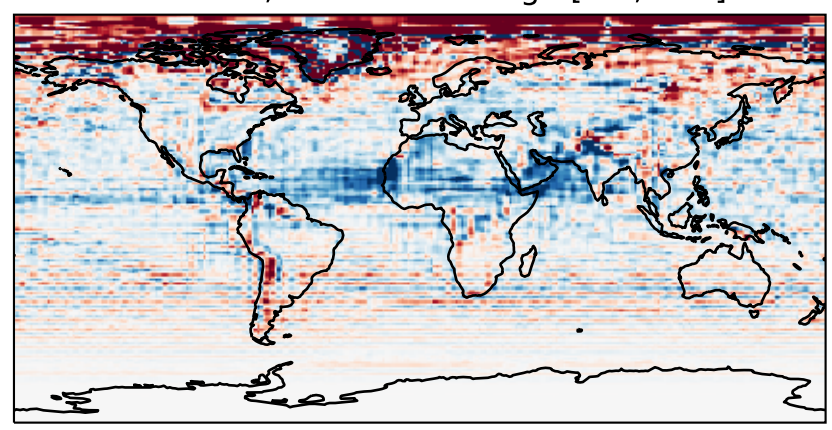


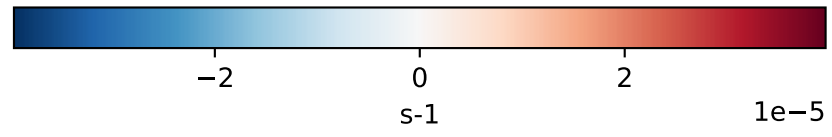
Difference (1x1.25)
Dev - Ref, Dynamic Range



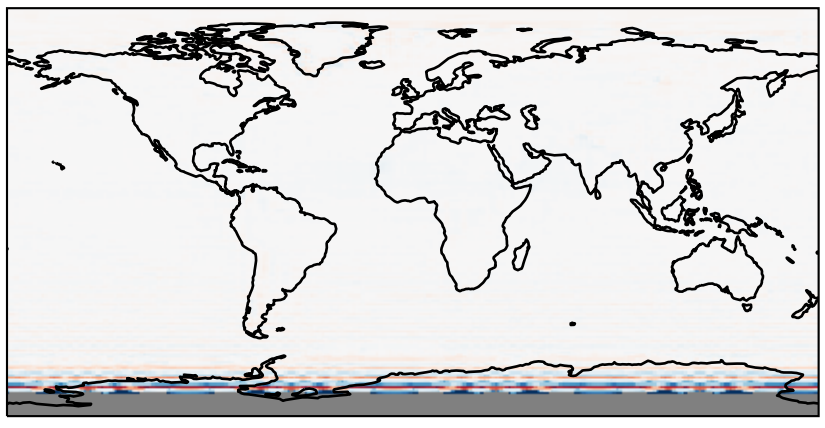


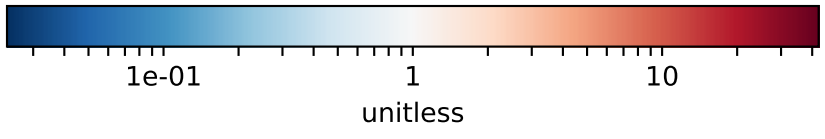
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



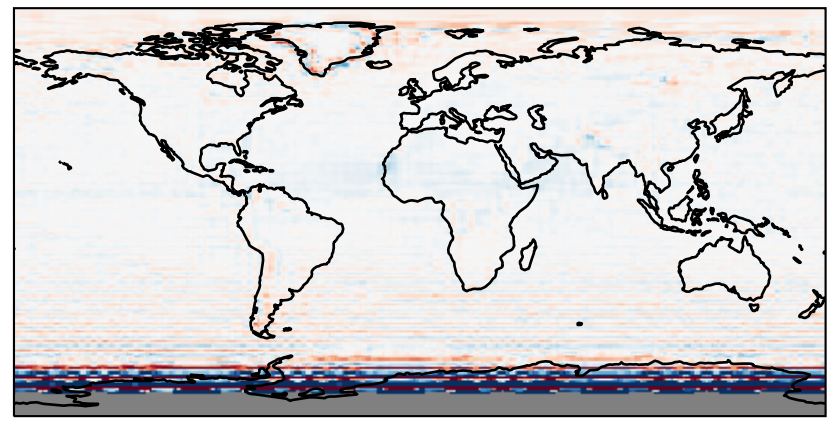


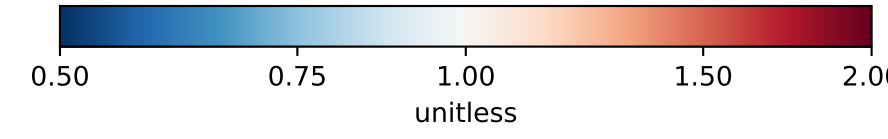
Ratio (1x1.25)
Dev/Ref, Dynamic Range





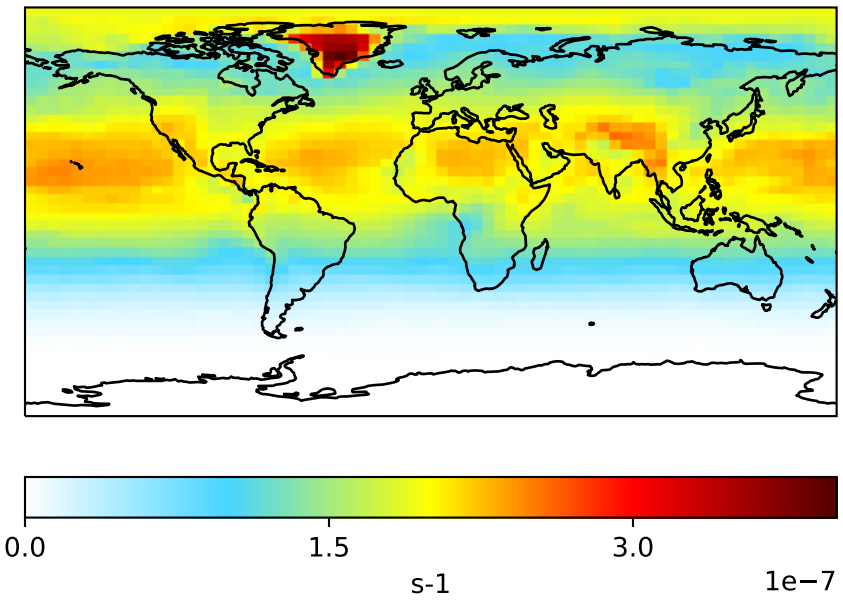
Ratio (1x1.25)
Dev/Ref, Fixed Range



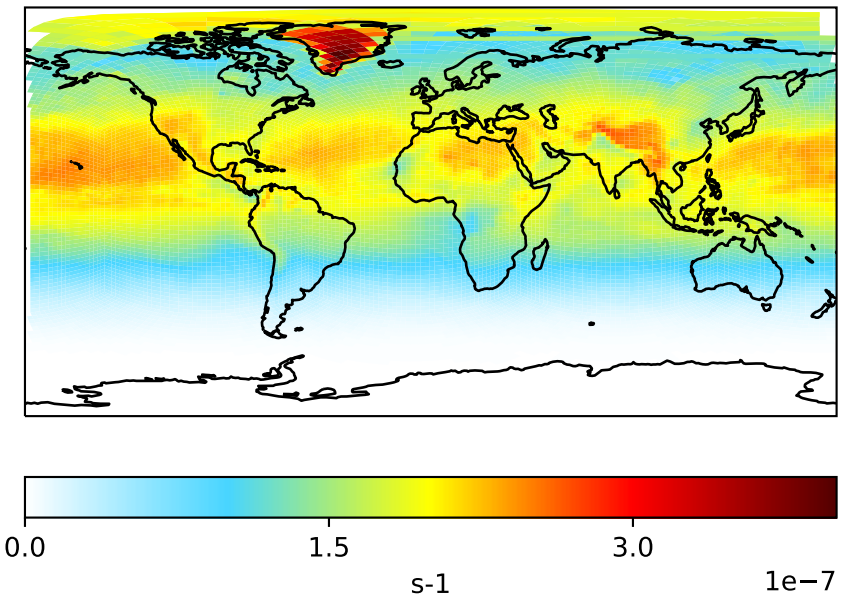


Jval_HNO3

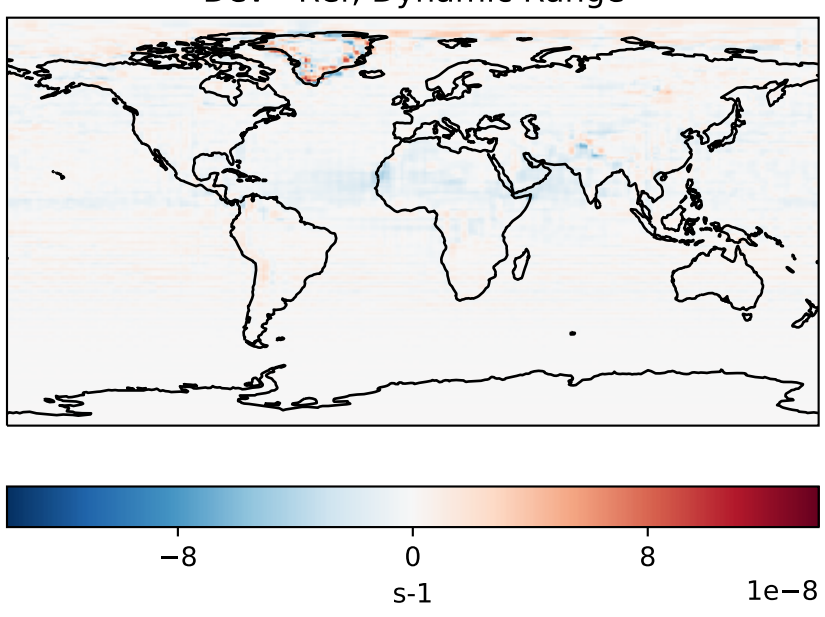
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



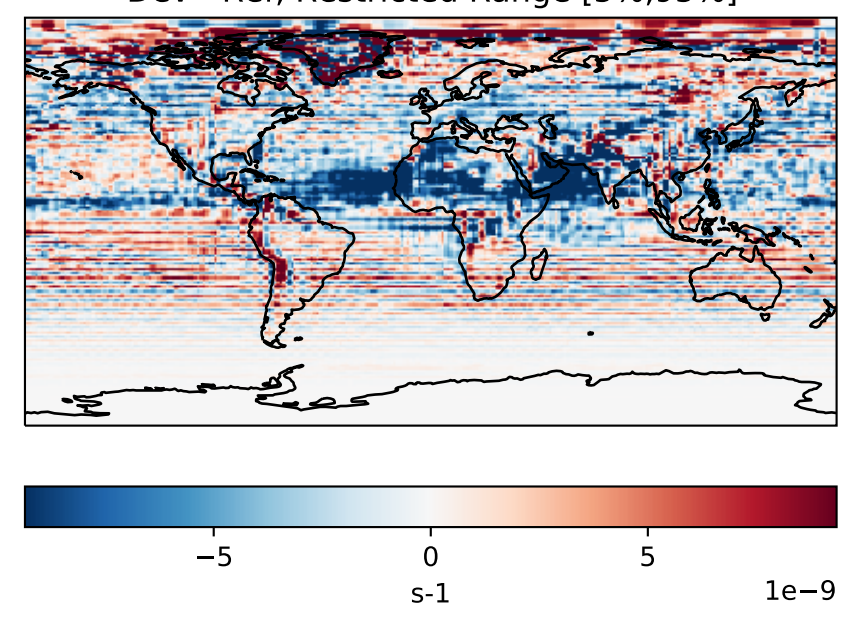
GCHP_13.1.0-beta.1 (Dev)
c48



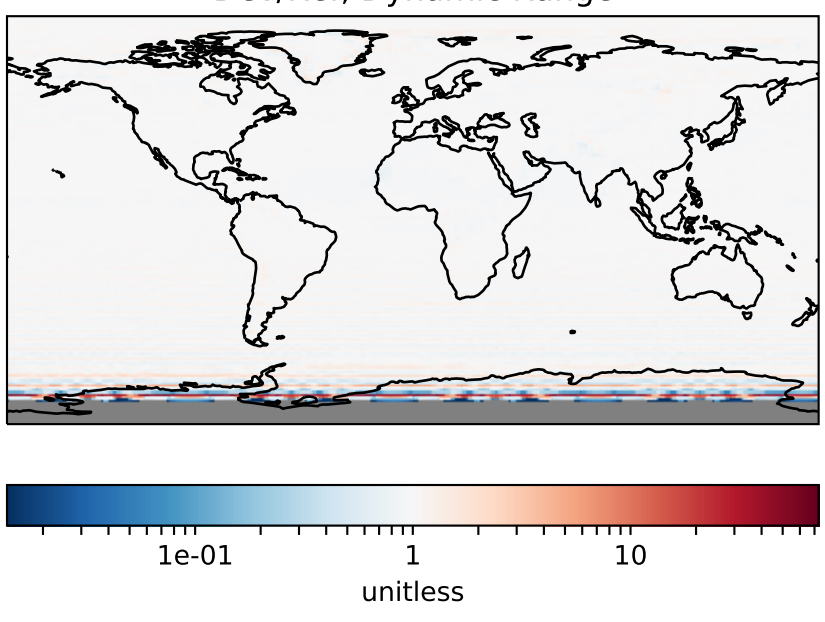
Difference (1x1.25)
Dev - Ref, Dynamic Range



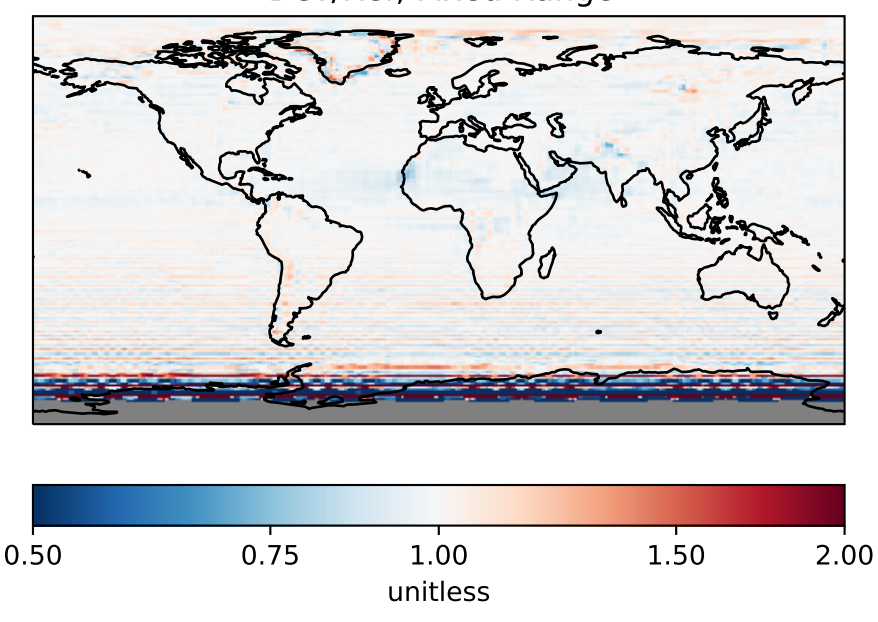
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

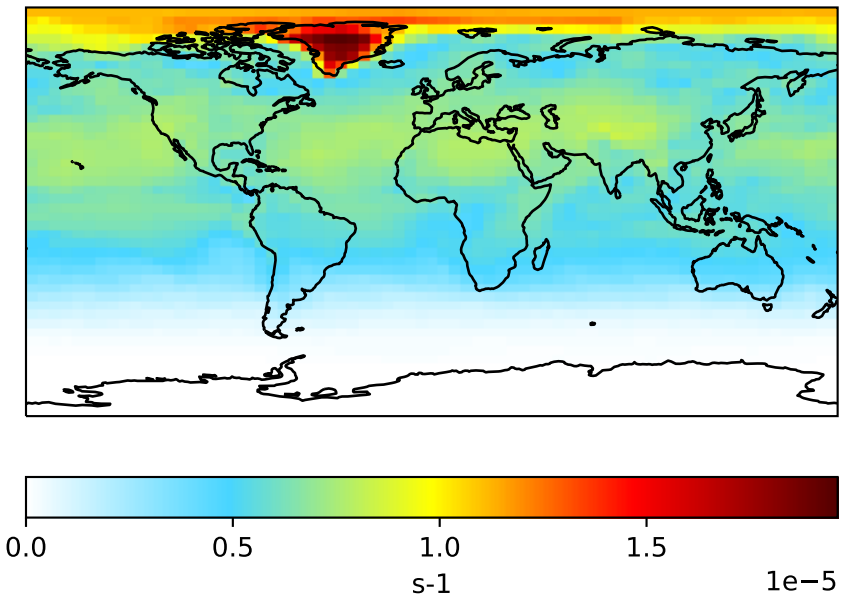


Ratio (1x1.25)
Dev/Ref, Fixed Range

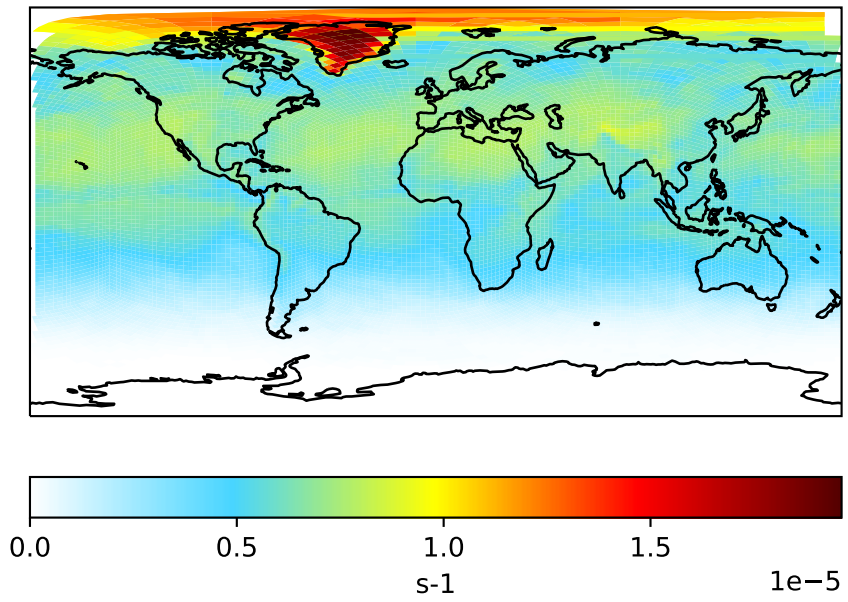


Jval_HNO4

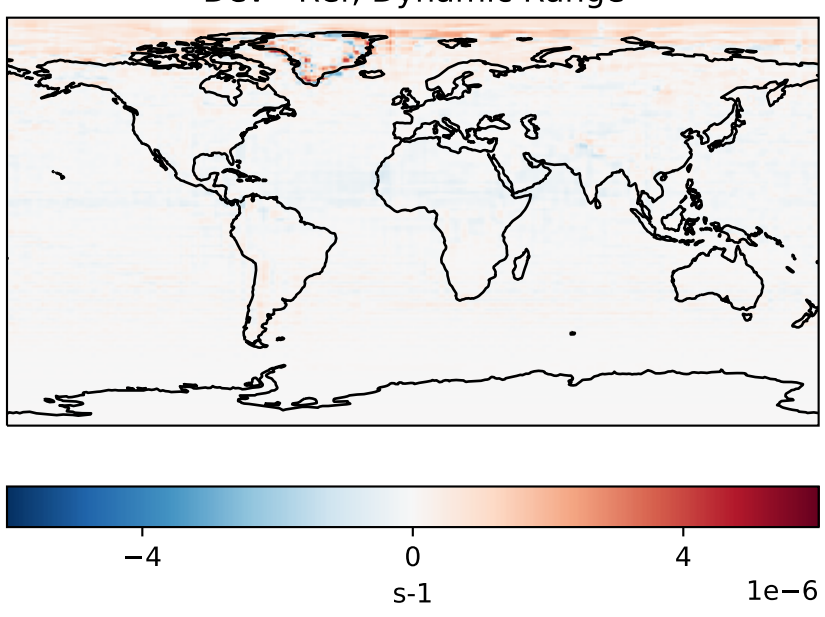
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



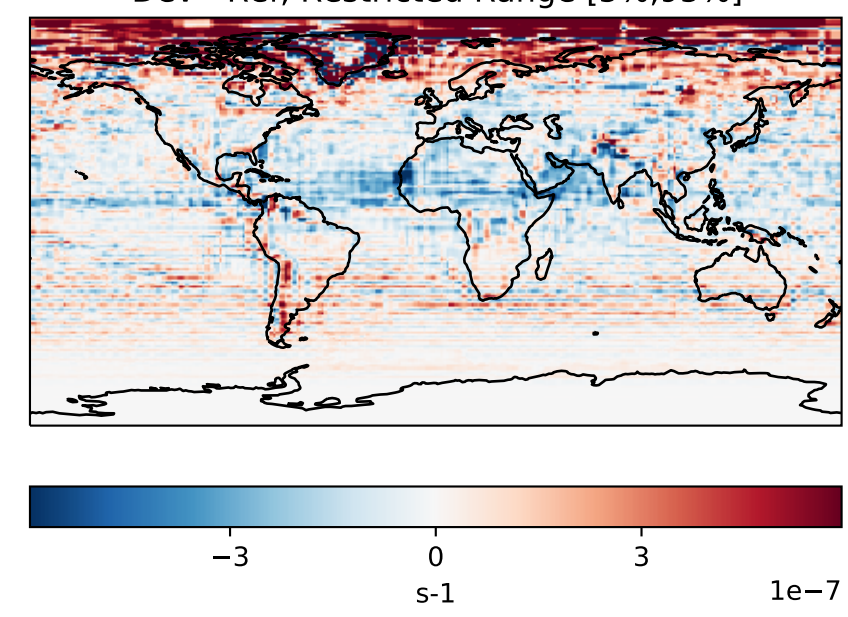
GCHP_13.1.0-beta.1 (Dev)
c48



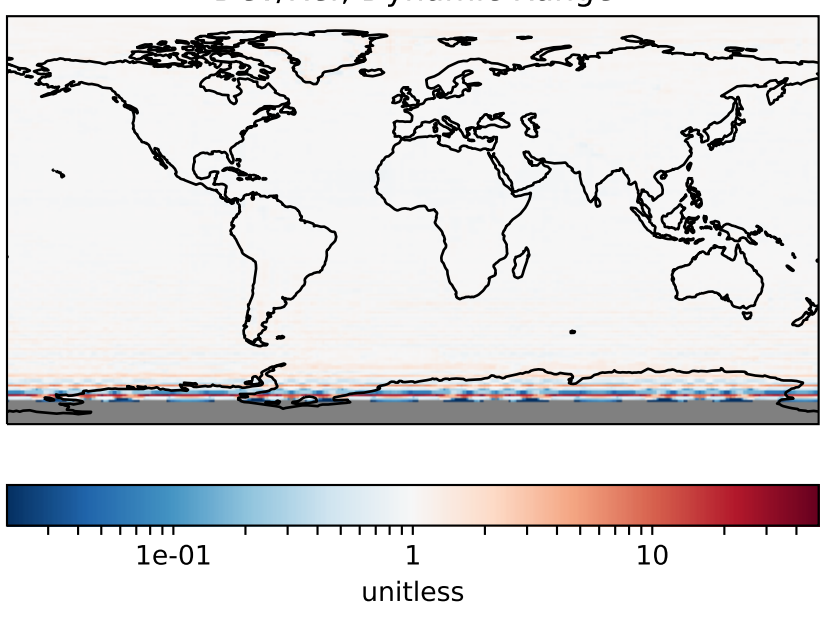
Difference (1x1.25)
Dev - Ref, Dynamic Range



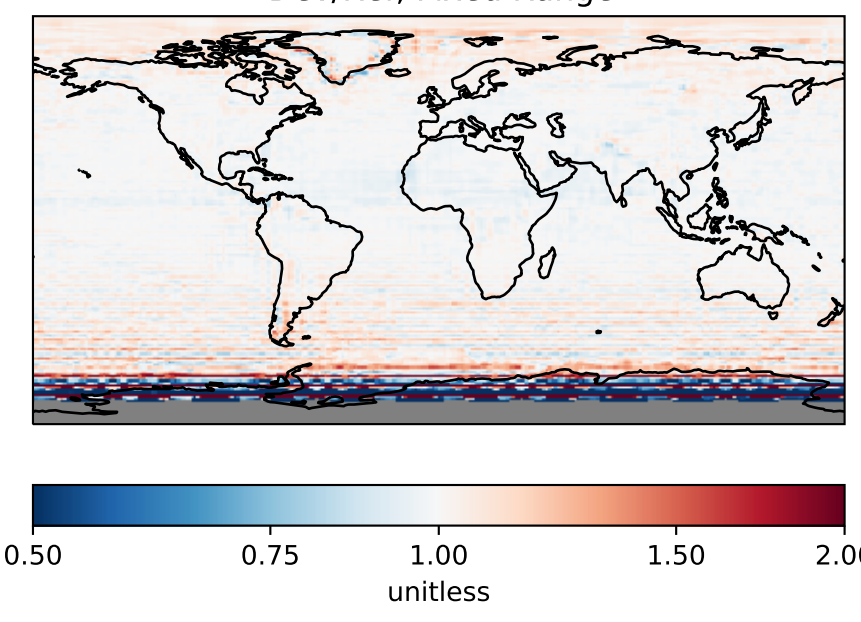
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

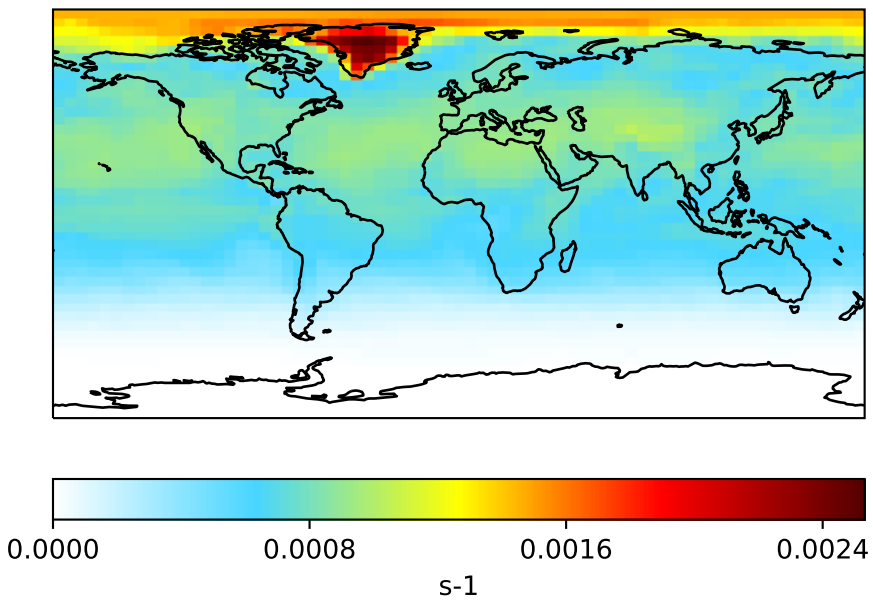


Ratio (1x1.25)
Dev/Ref, Fixed Range

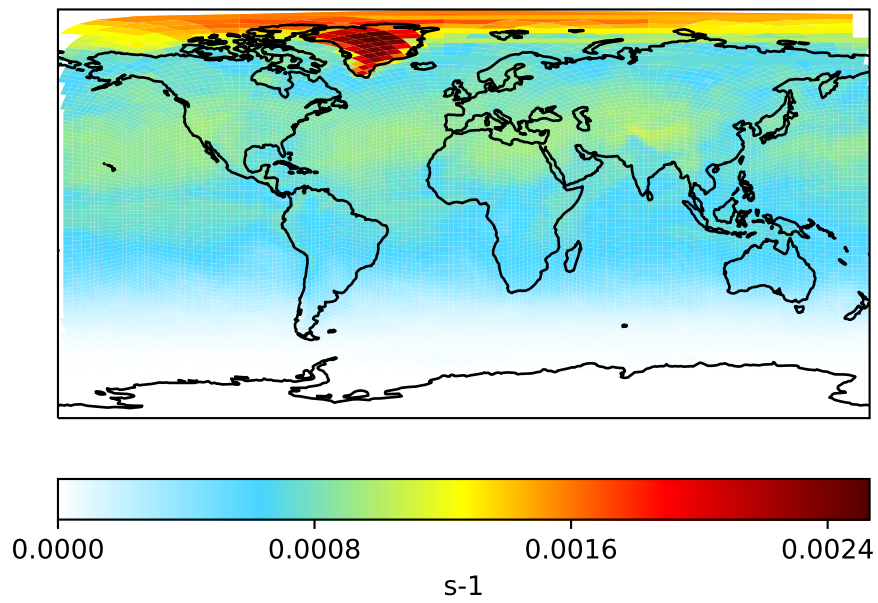


Jval_HOBr

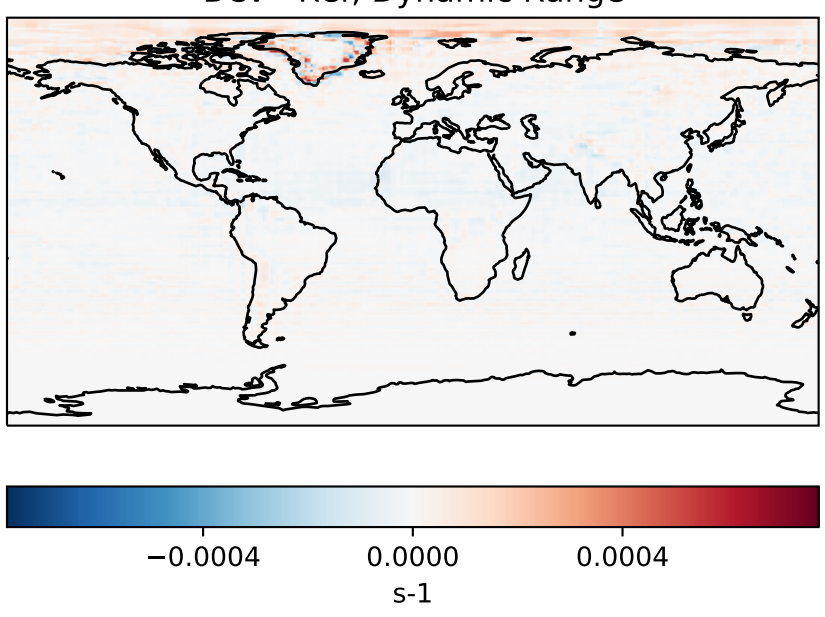
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



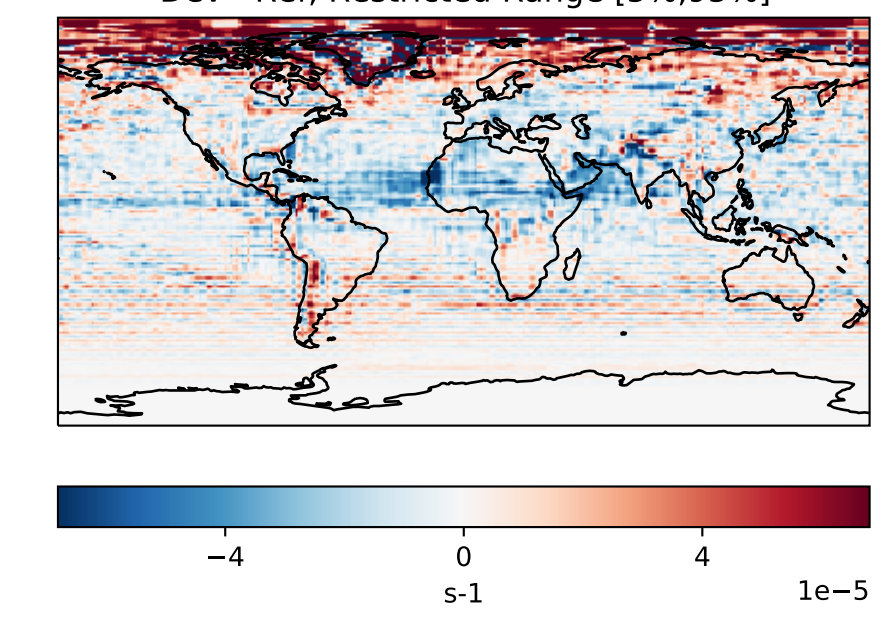
GCHP_13.1.0-beta.1 (Dev)
c48



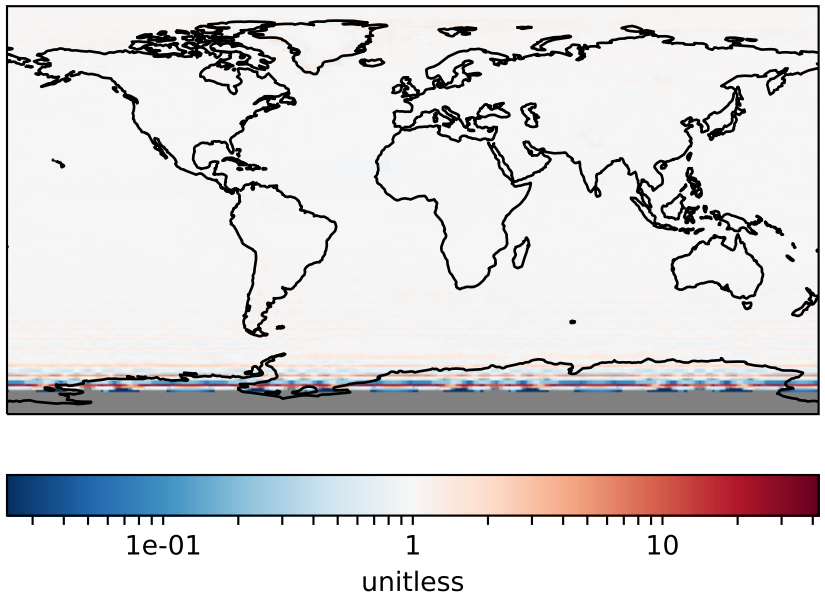
Difference (1x1.25)
Dev - Ref, Dynamic Range



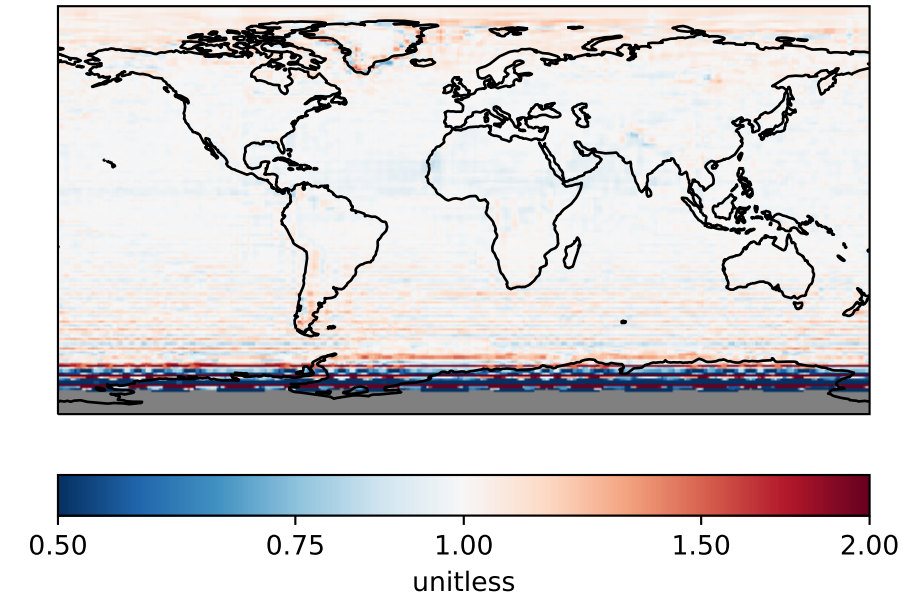
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

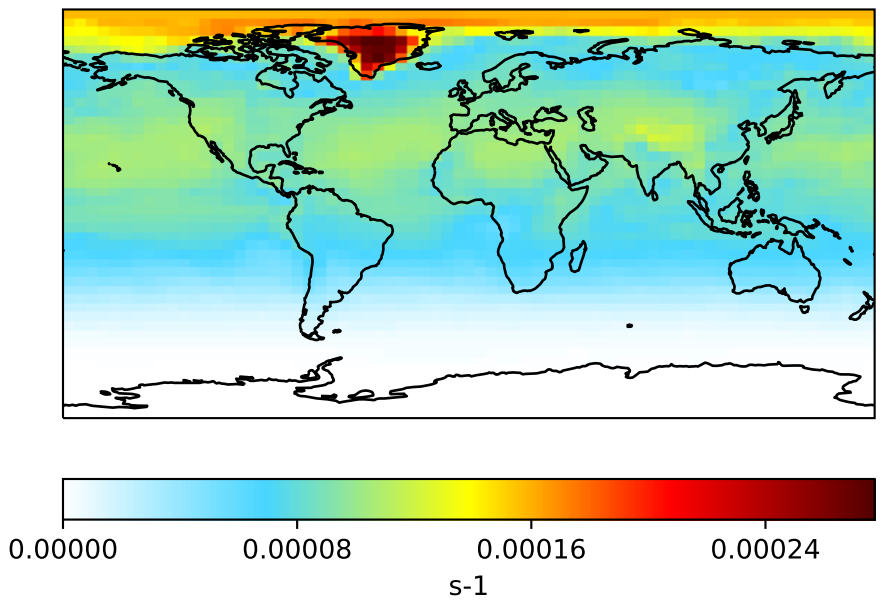


Ratio (1x1.25)
Dev/Ref, Fixed Range

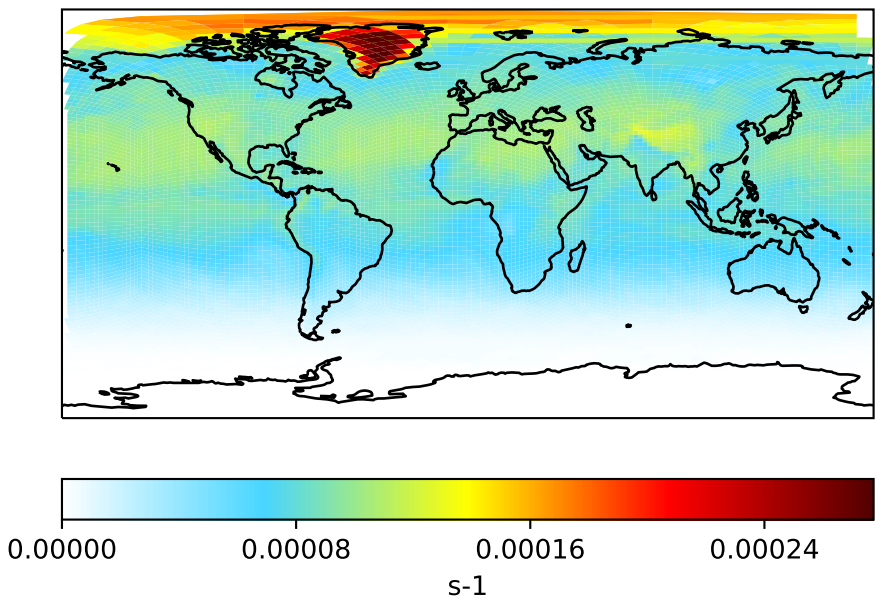


Jval_HOCl

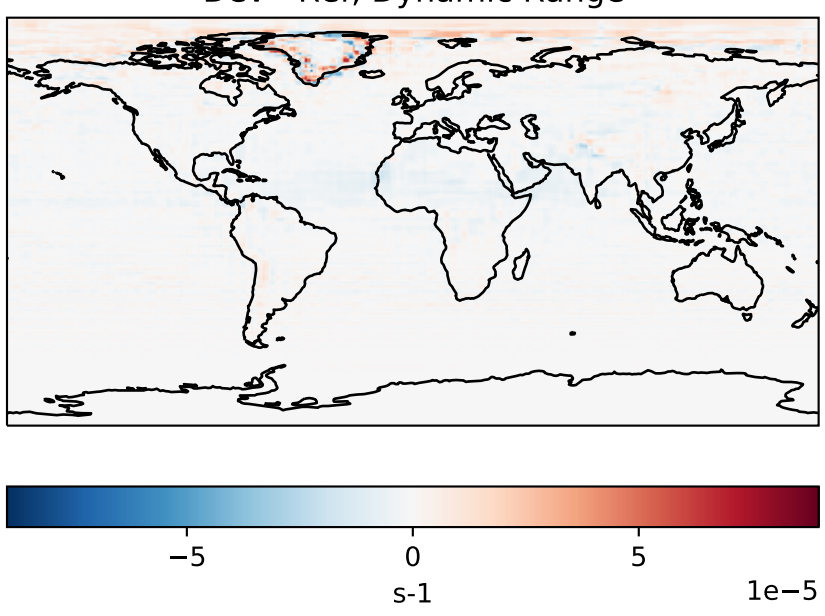
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



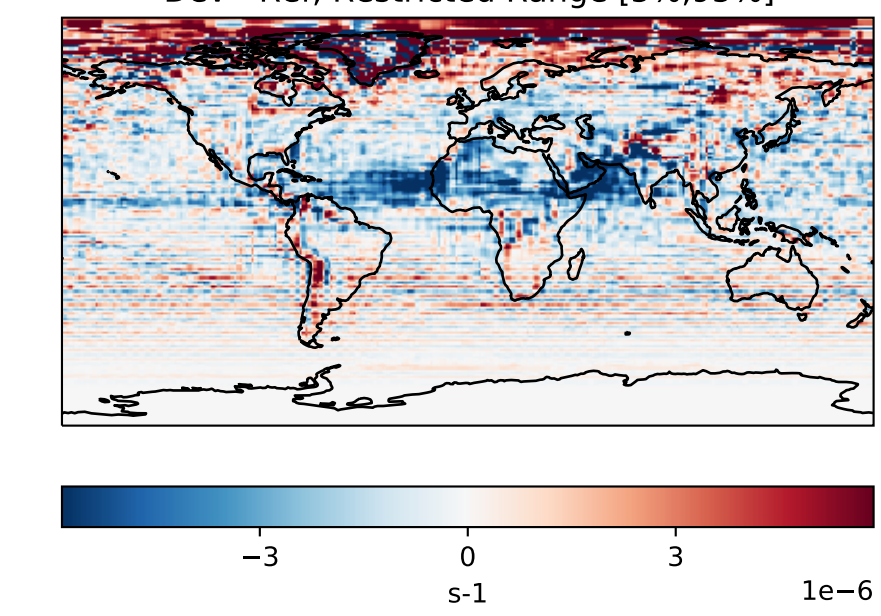
GCHP_13.1.0-beta.1 (Dev)
c48



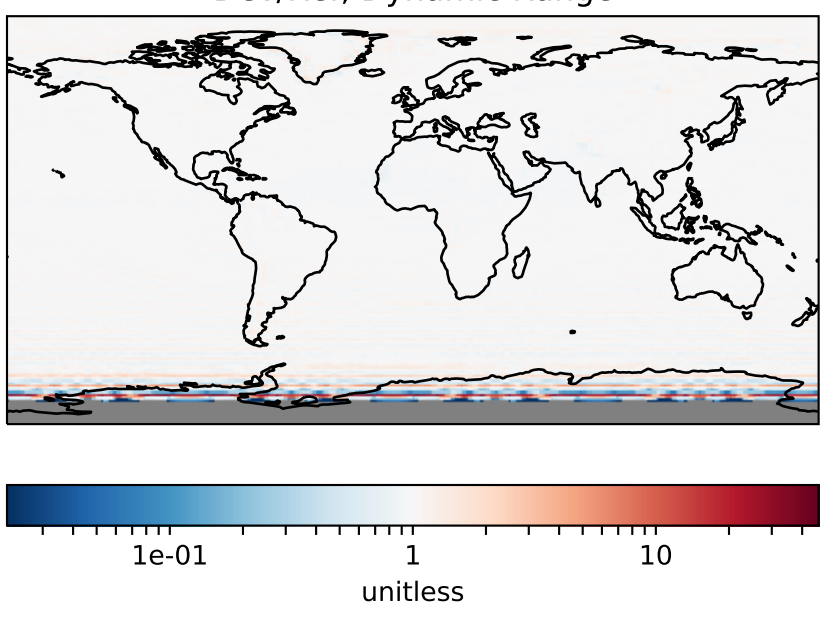
Difference (1x1.25)
Dev - Ref, Dynamic Range



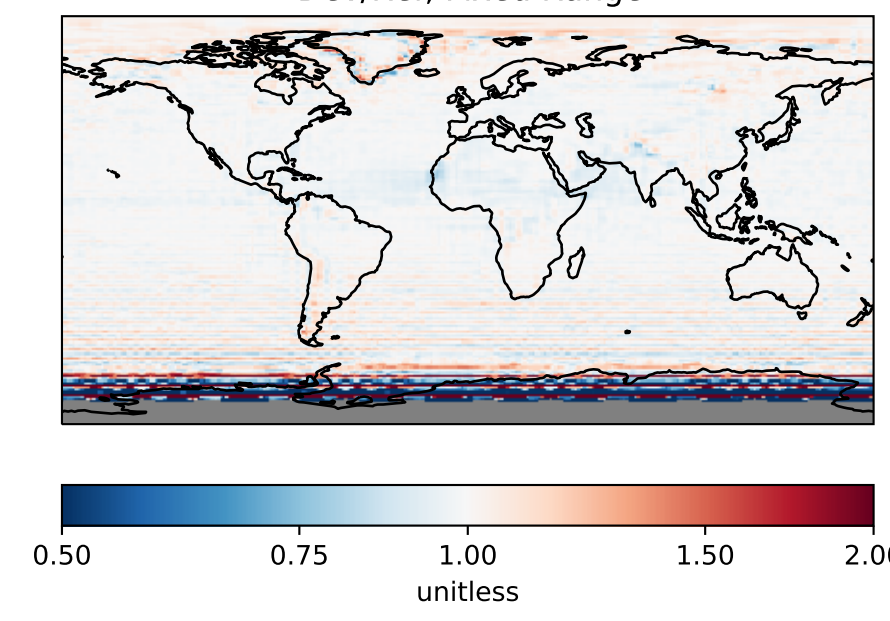
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

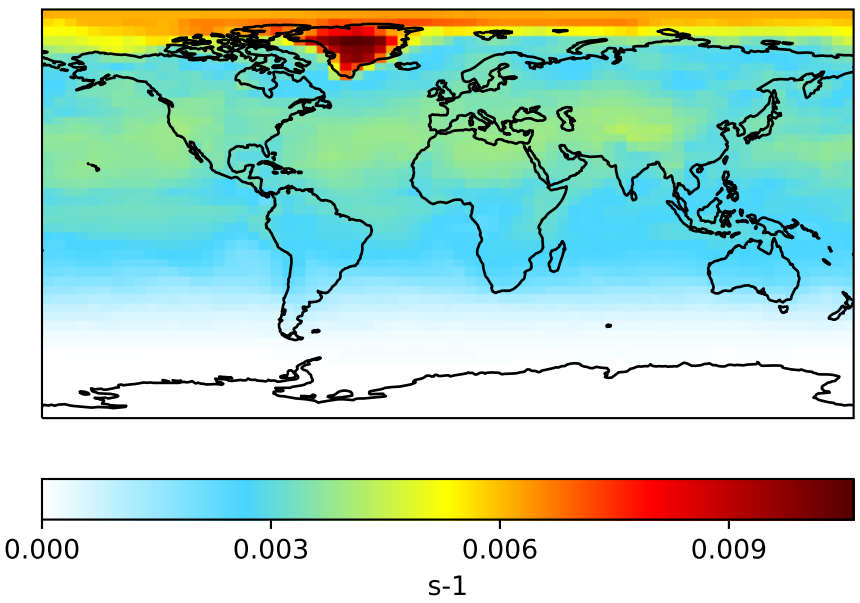


Ratio (1x1.25)
Dev/Ref, Fixed Range

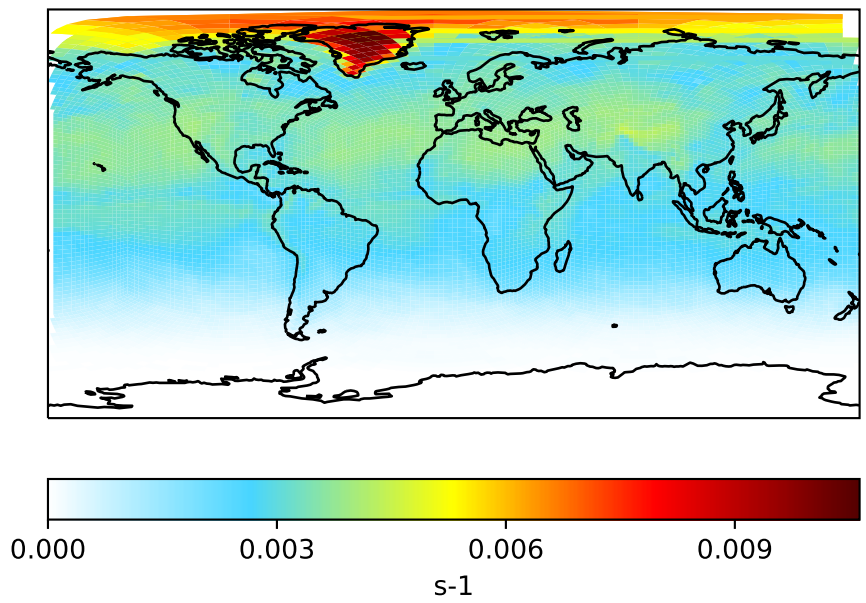


Jval_HOI

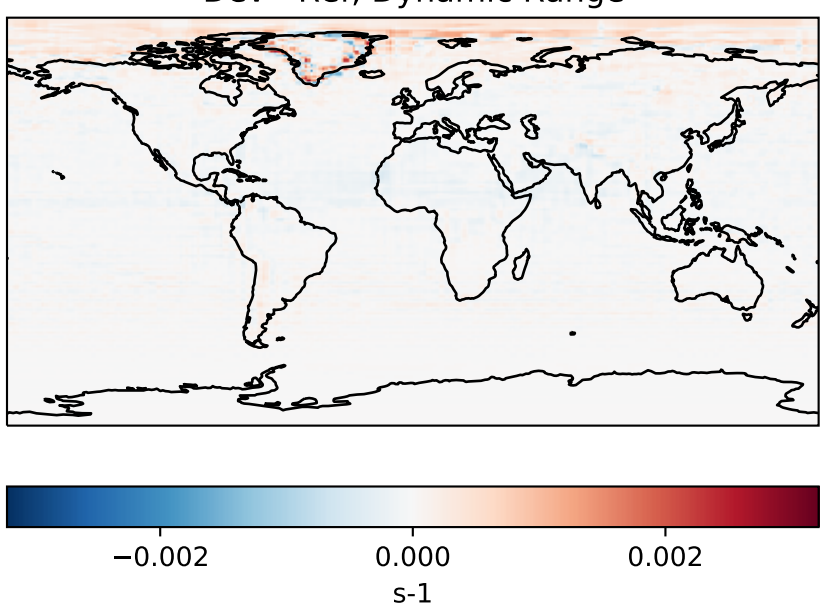
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



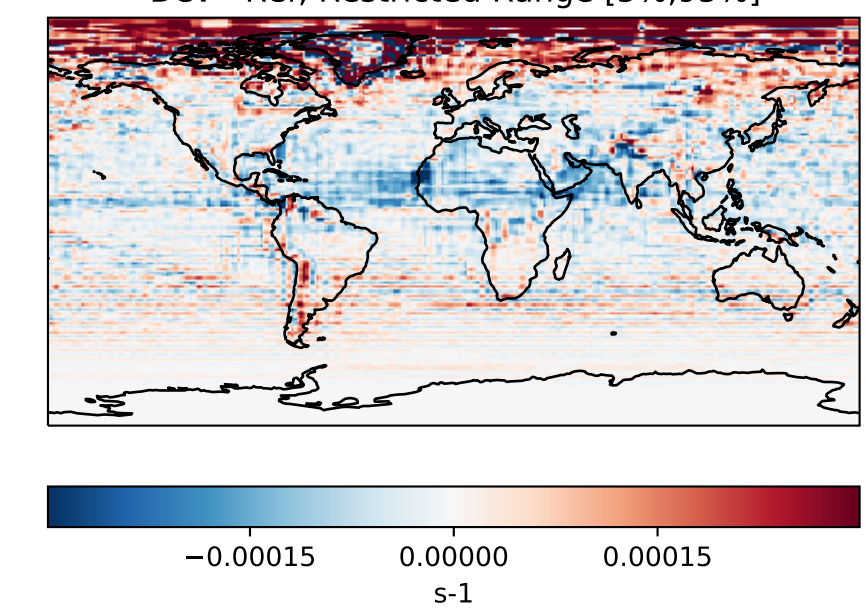
GCHP_13.1.0-beta.1 (Dev)
c48



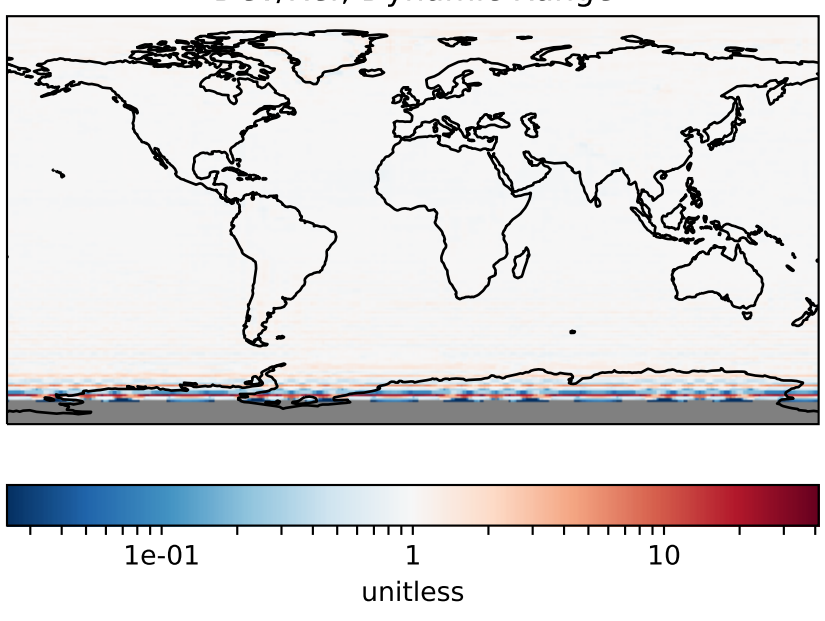
Difference (1x1.25)
Dev - Ref, Dynamic Range



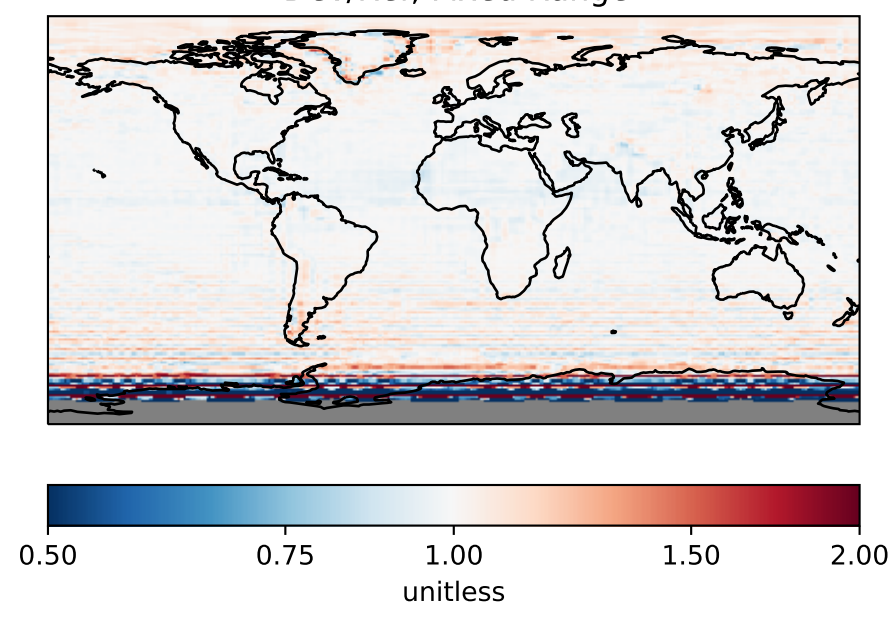
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

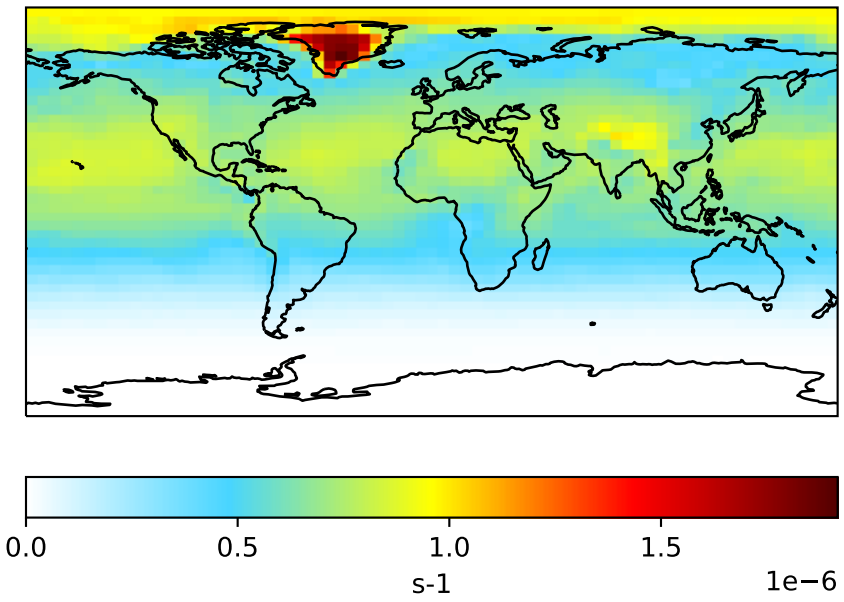


Ratio (1x1.25)
Dev/Ref, Fixed Range

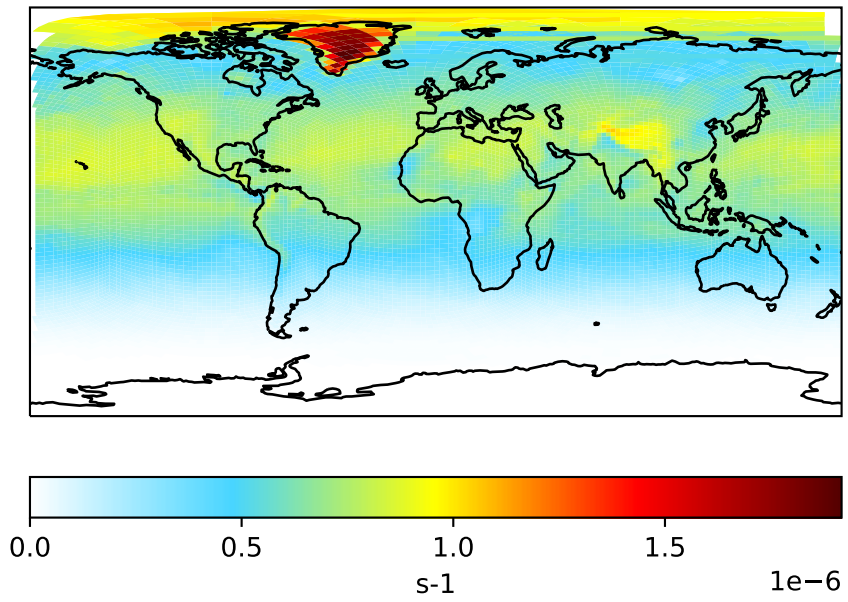


Jval_HONIT

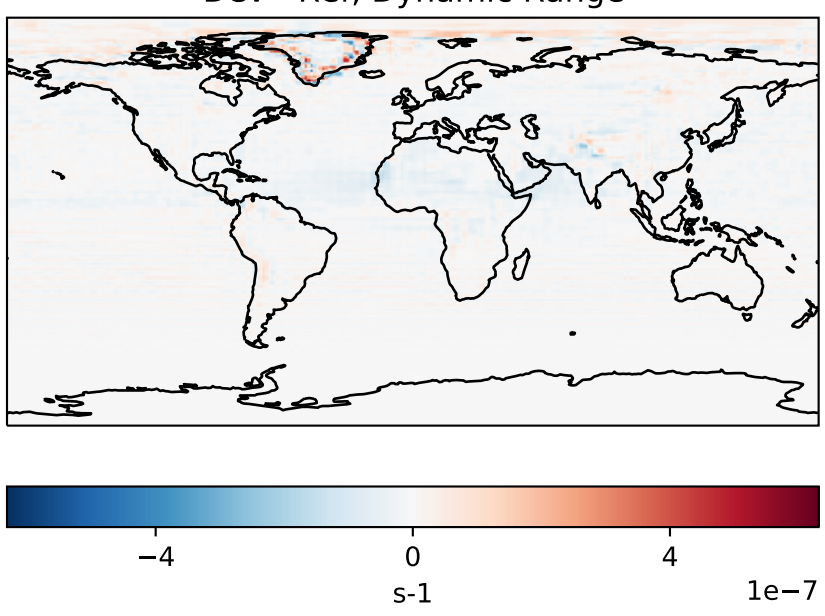
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



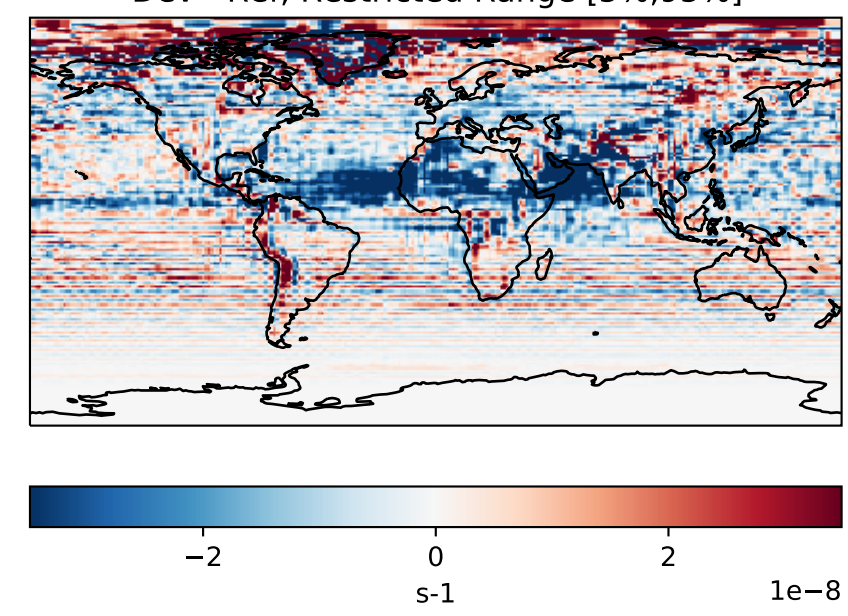
GCHP_13.1.0-beta.1 (Dev)
c48



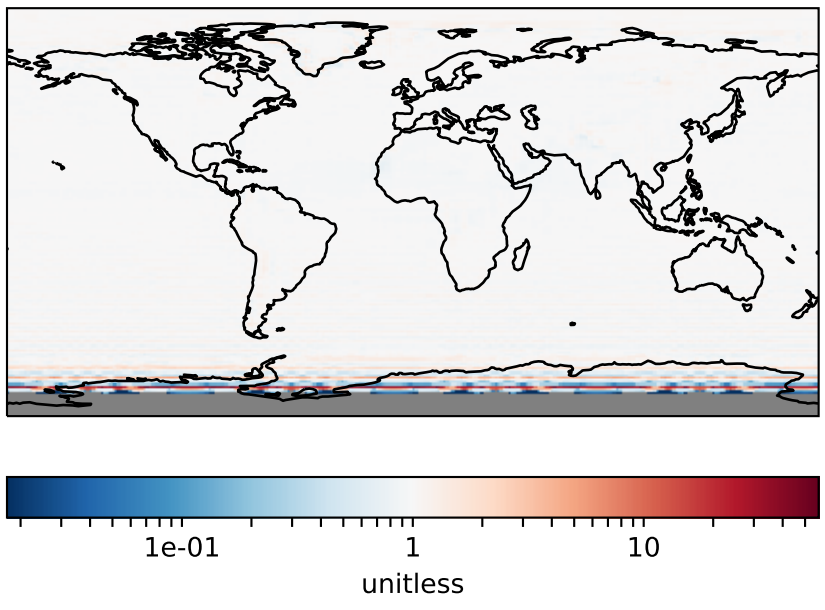
Difference (1x1.25)
Dev - Ref, Dynamic Range



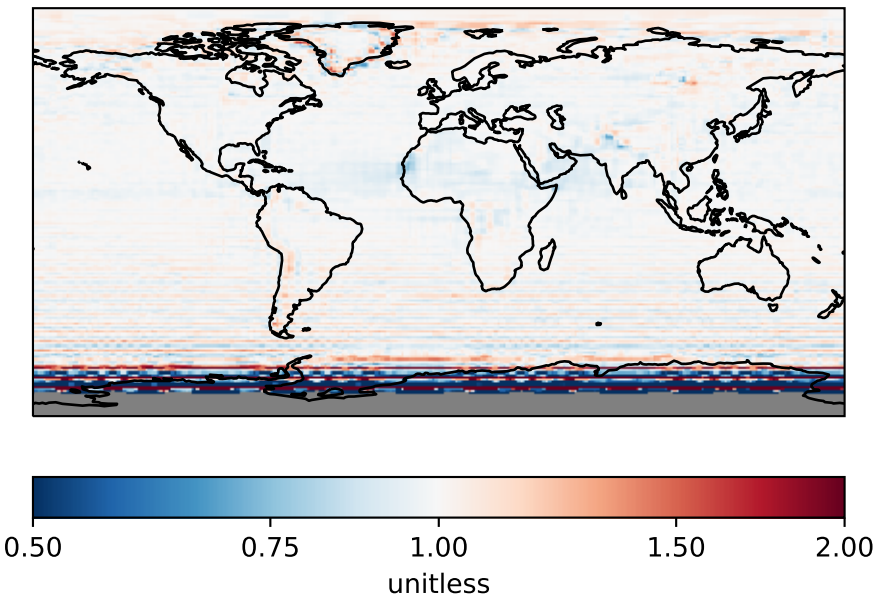
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

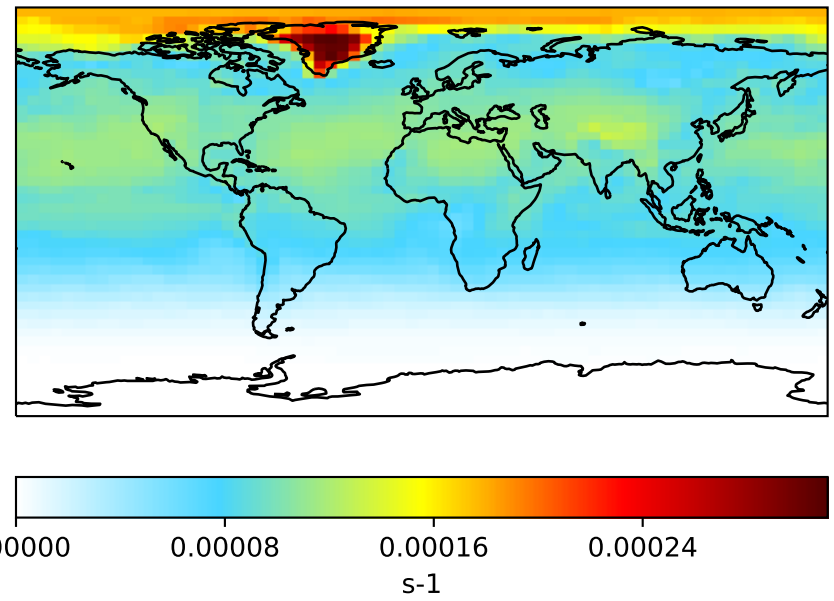


Ratio (1x1.25)
Dev/Ref, Fixed Range

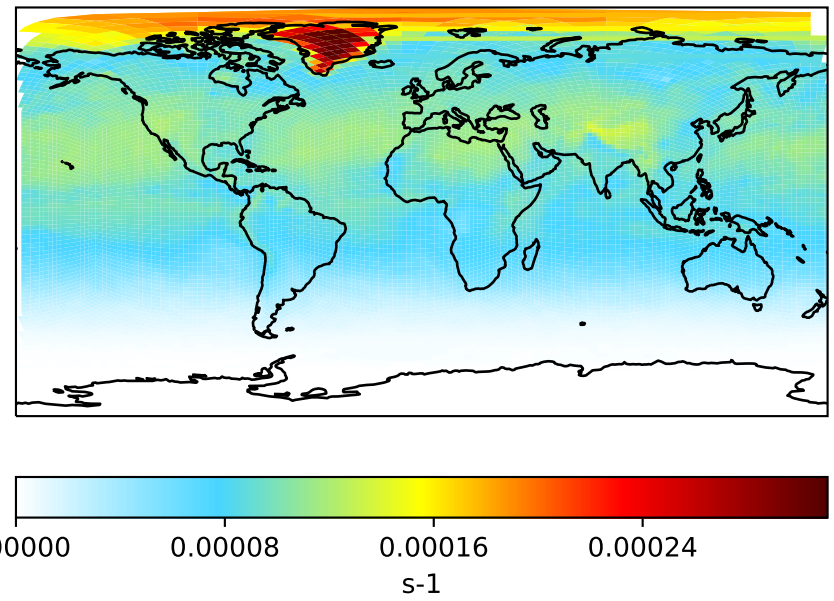


Jval_HPALD1

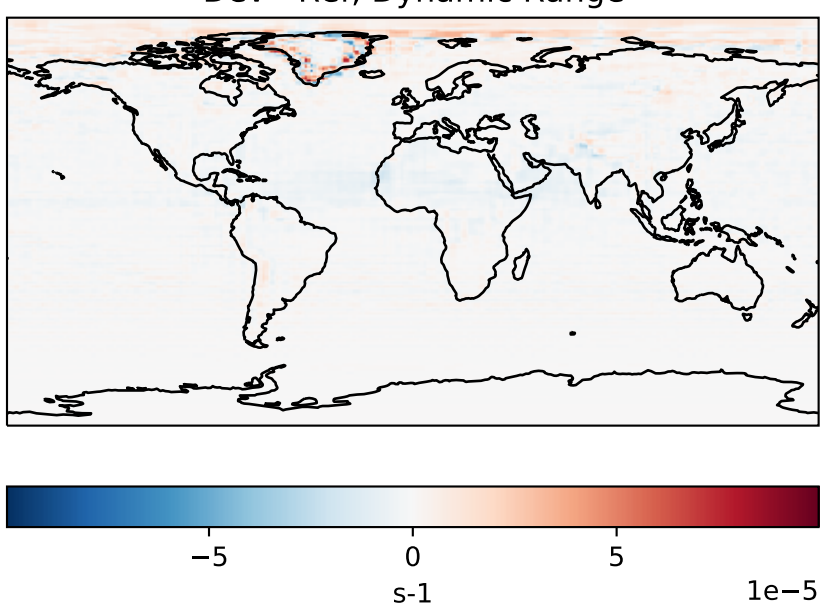
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



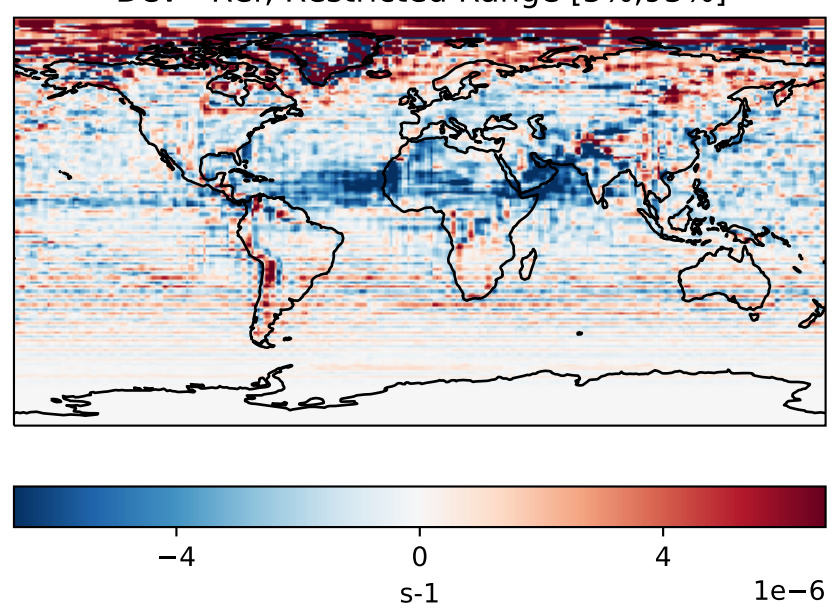
GCHP_13.1.0-beta.1 (Dev)
c48



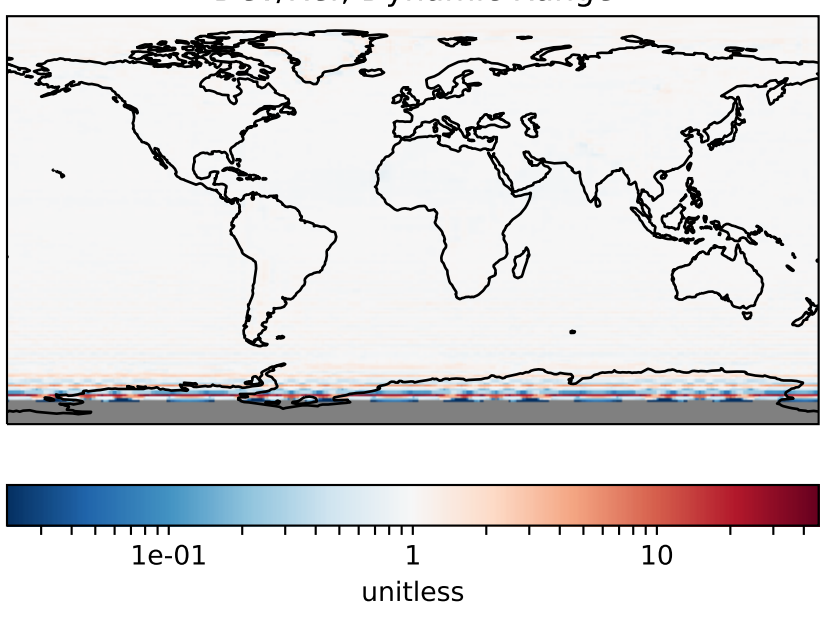
Difference (1x1.25)
Dev - Ref, Dynamic Range



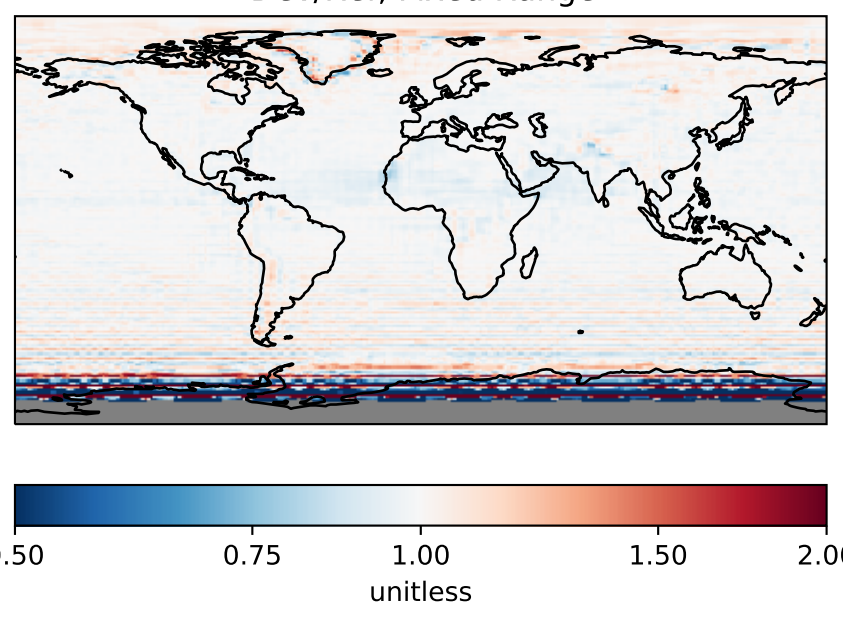
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

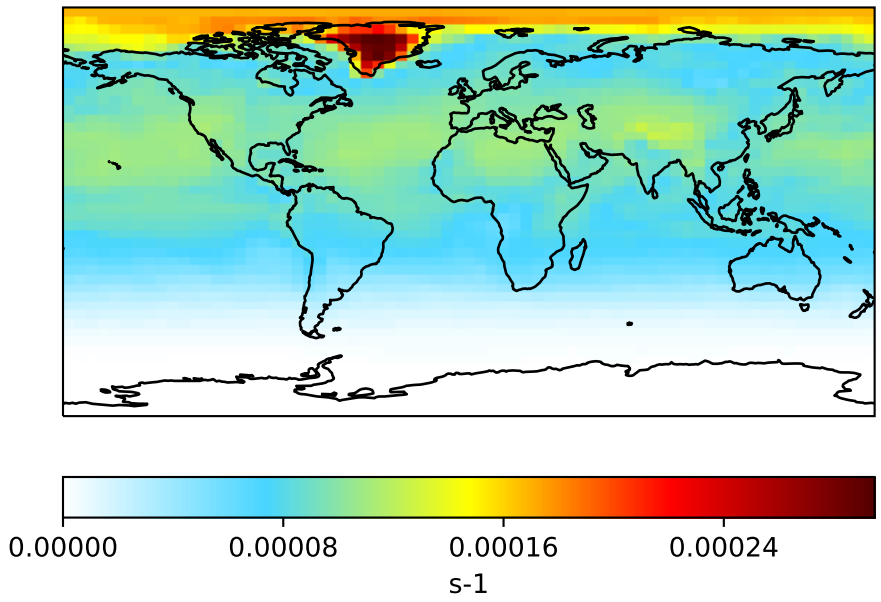


Ratio (1x1.25)
Dev/Ref, Fixed Range

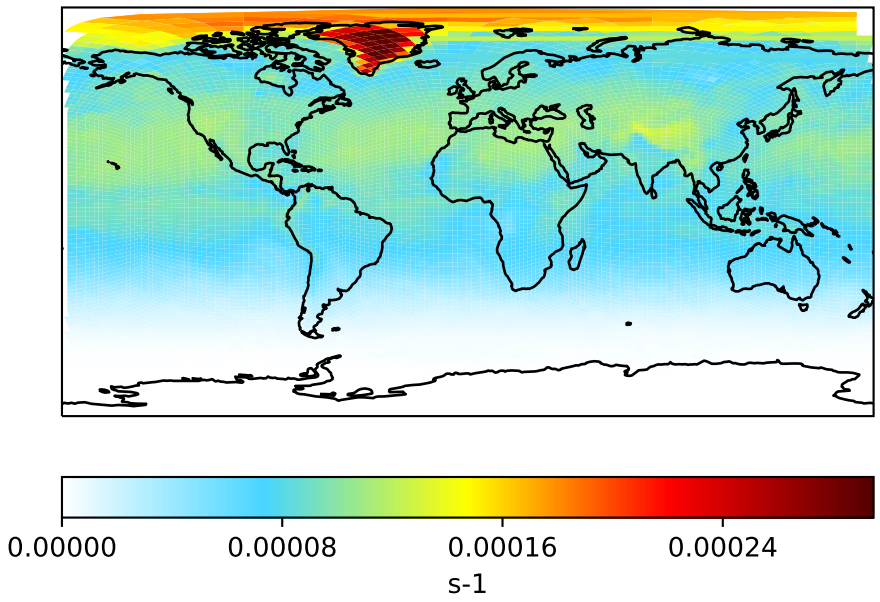


Jval_HPALD2

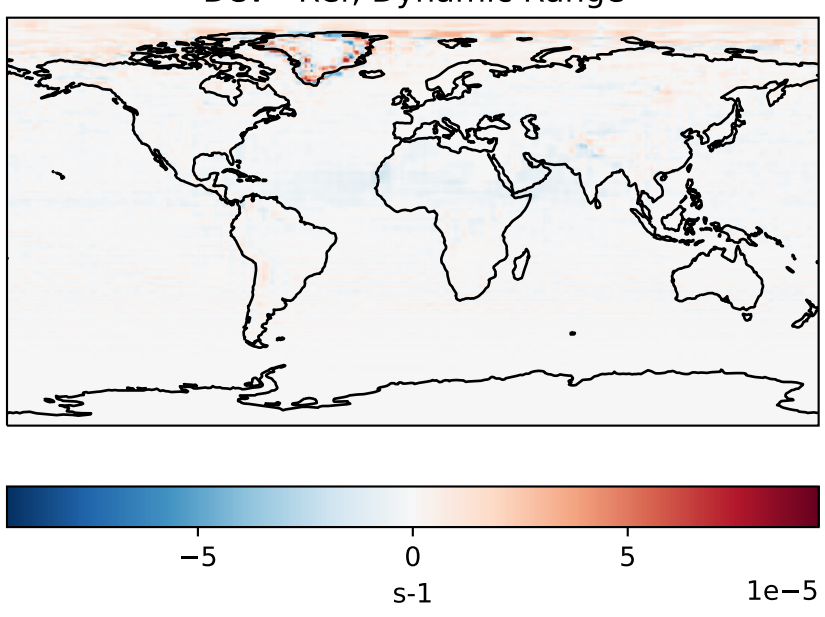
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



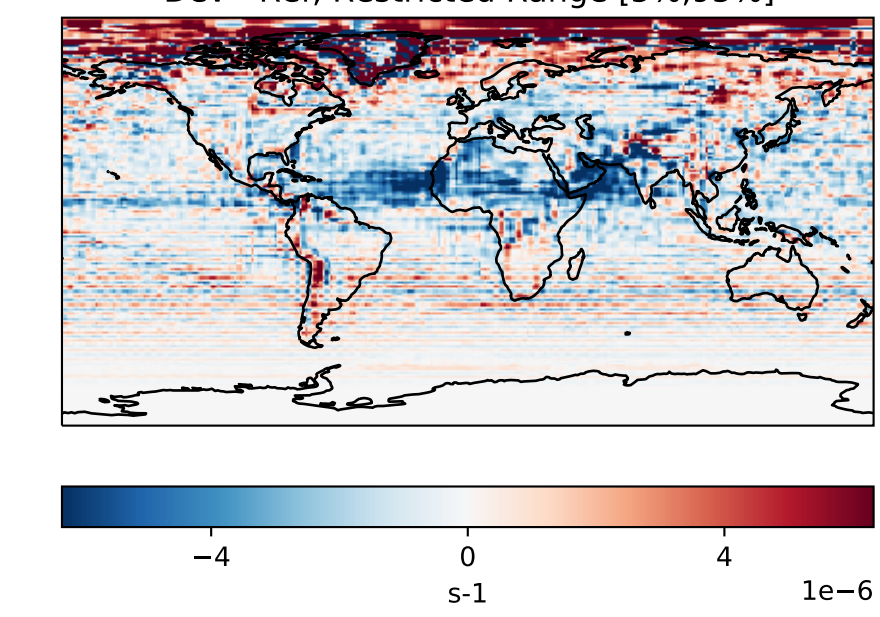
GCHP_13.1.0-beta.1 (Dev)
c48



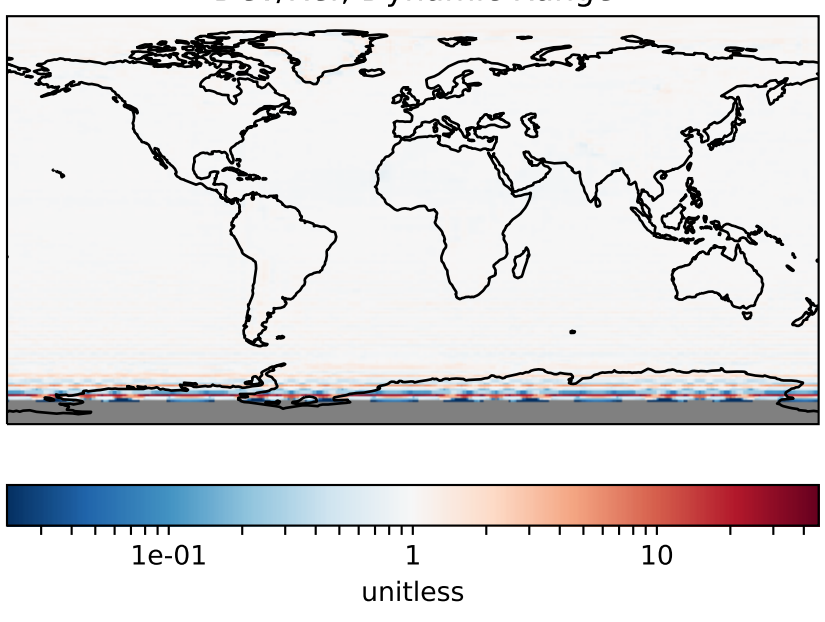
Difference (1x1.25)
Dev - Ref, Dynamic Range



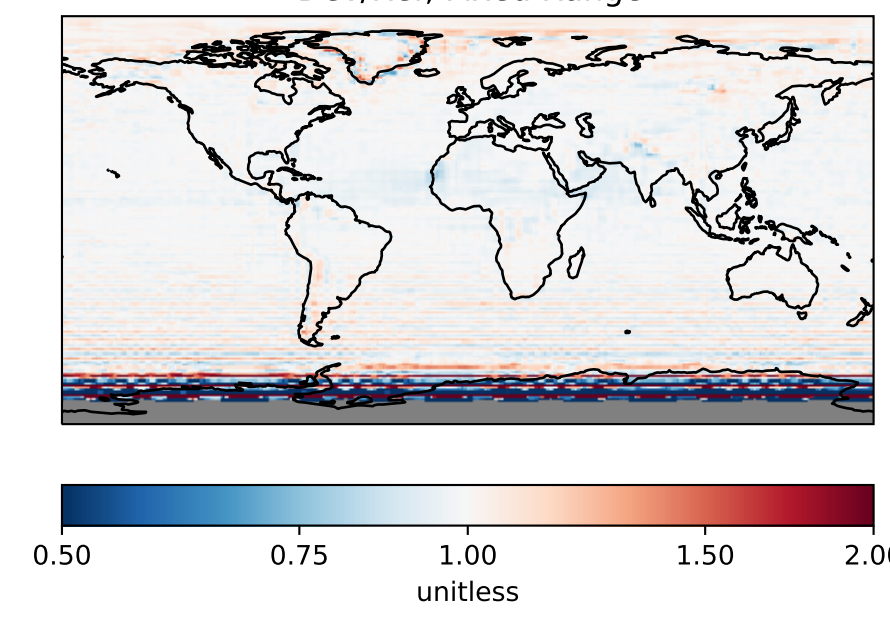
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

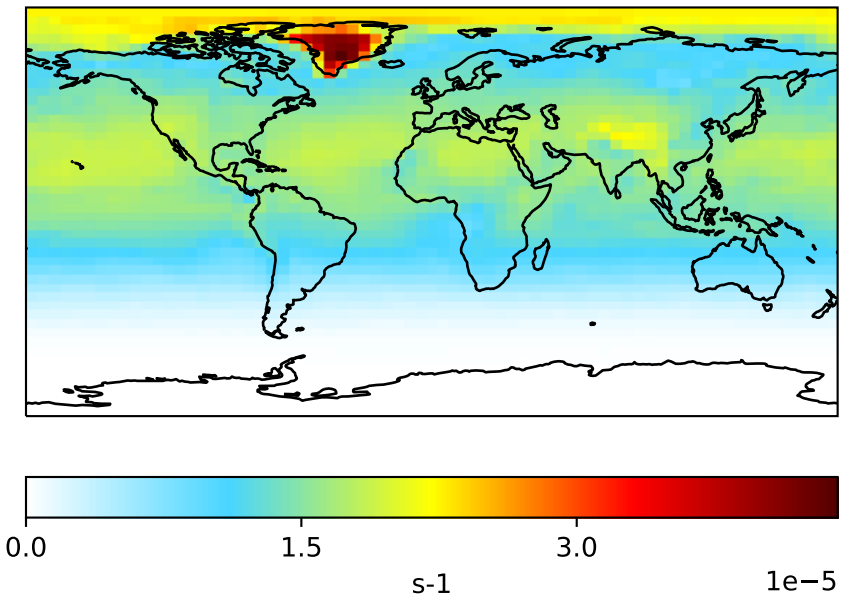


Ratio (1x1.25)
Dev/Ref, Fixed Range

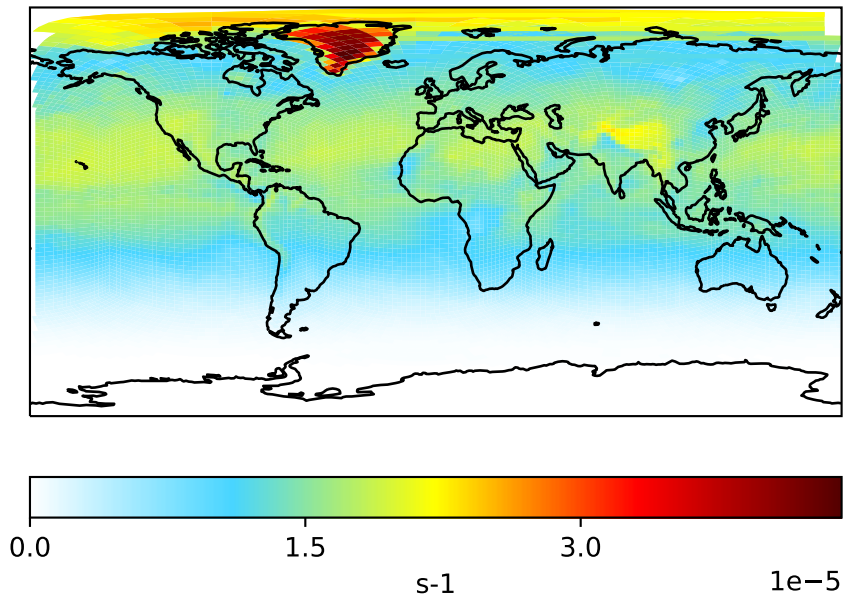


Jval_HPALD3

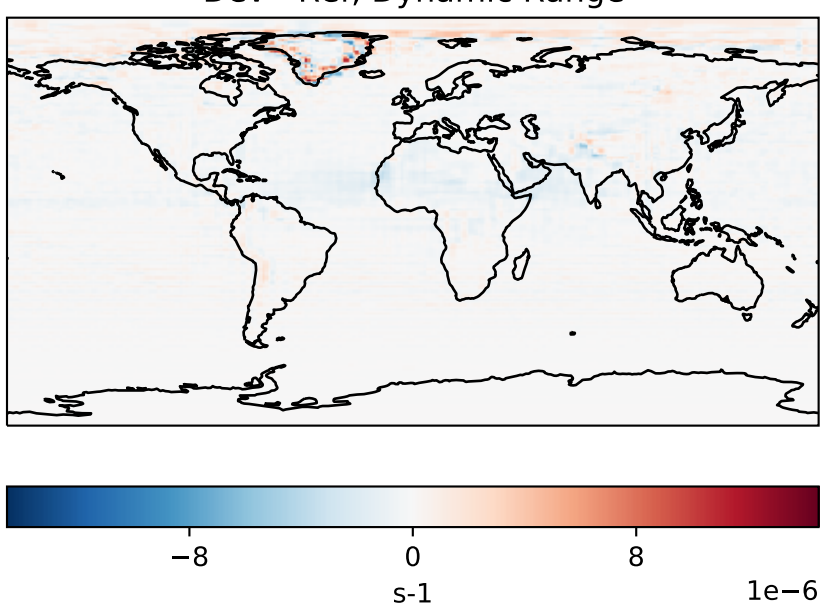
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



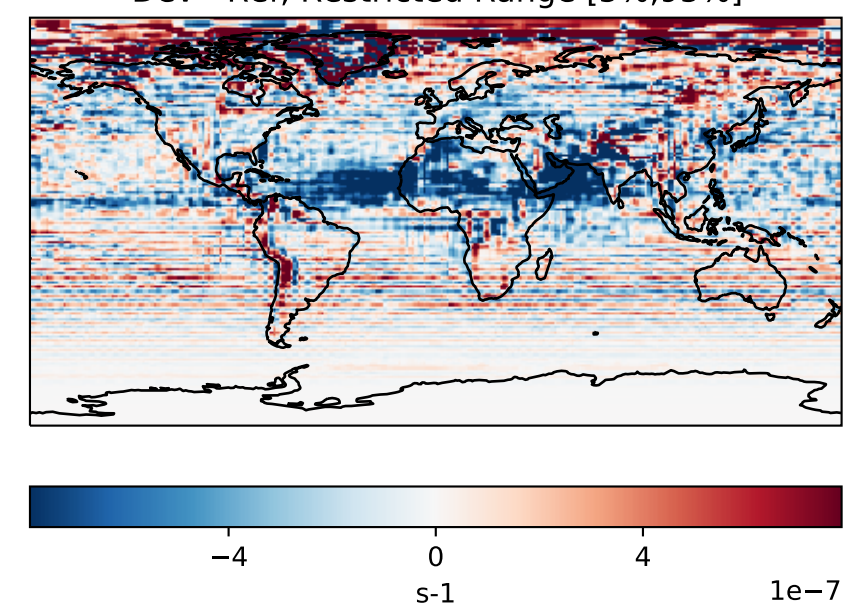
GCHP_13.1.0-beta.1 (Dev)
c48



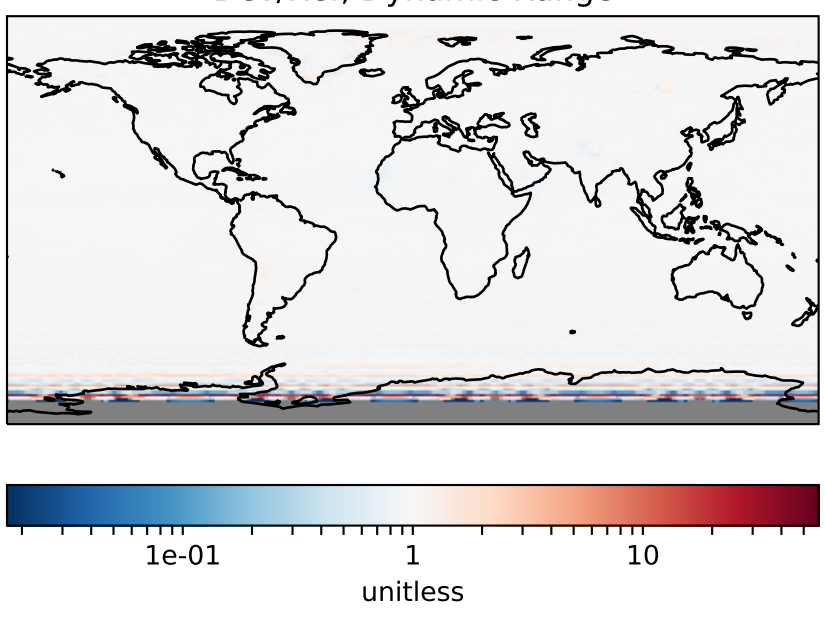
Difference (1x1.25)
Dev - Ref, Dynamic Range



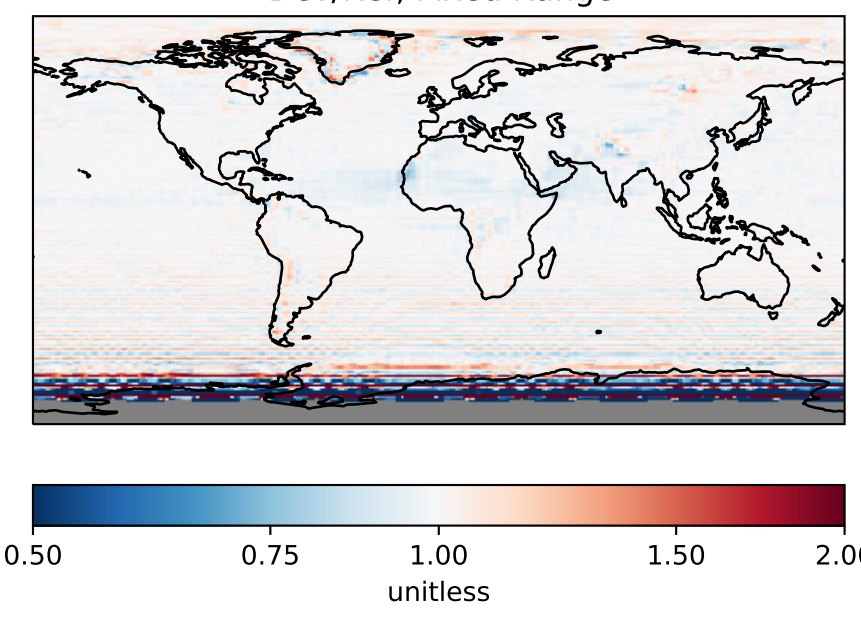
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

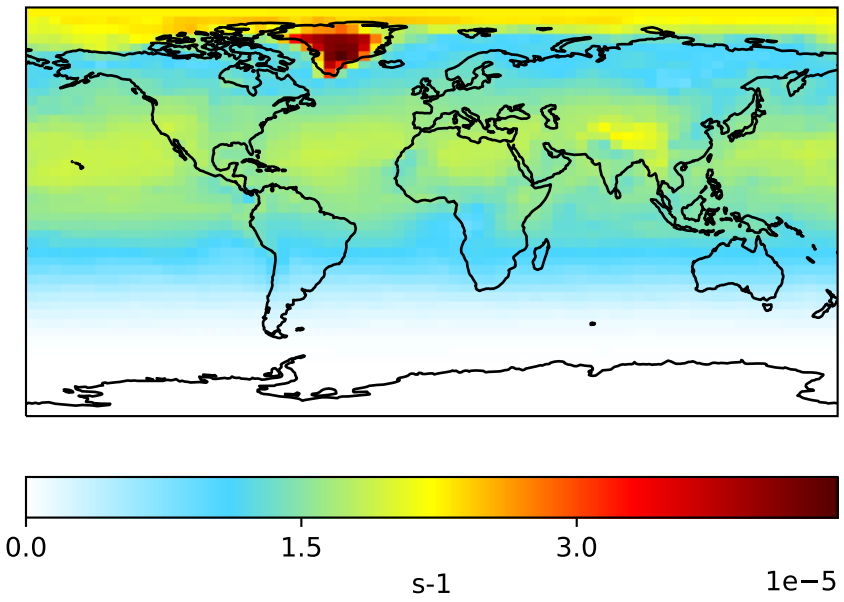


Ratio (1x1.25)
Dev/Ref, Fixed Range

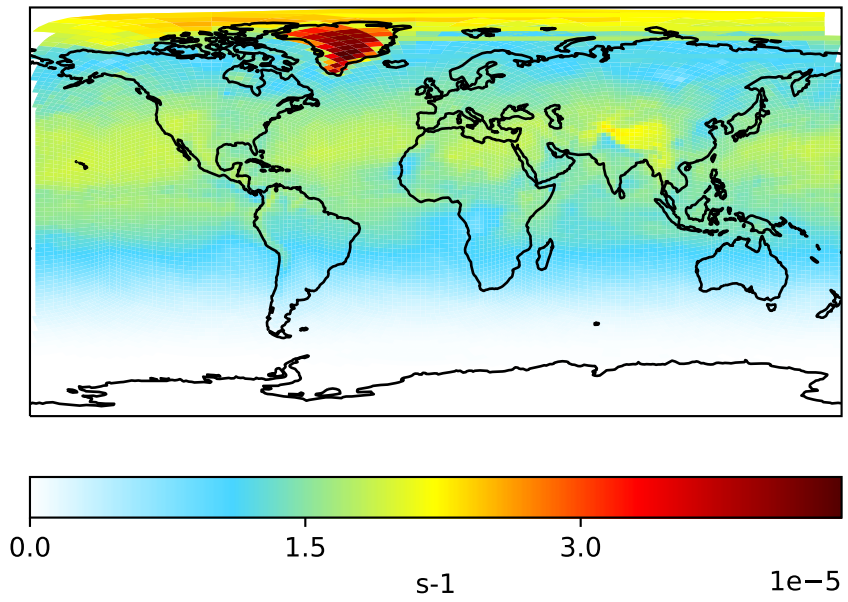


Jval_HPALD4

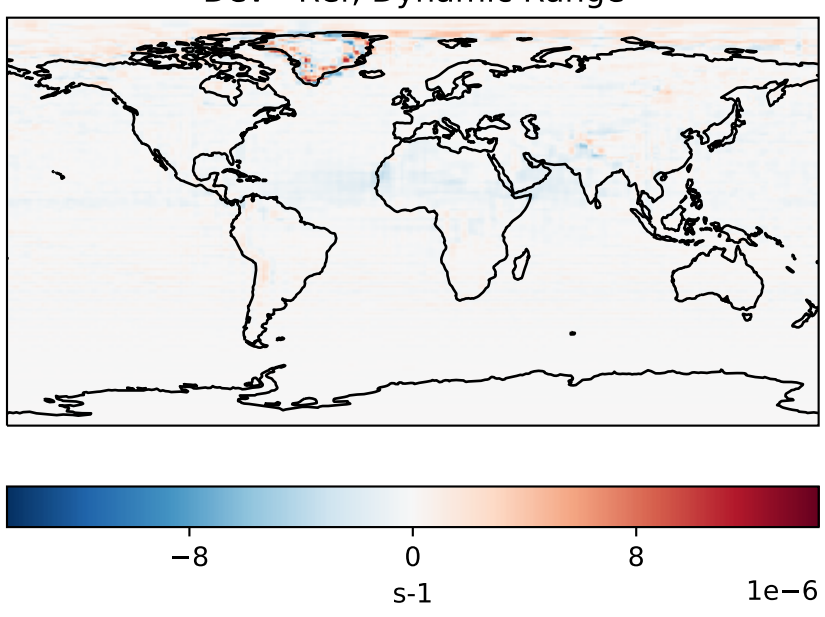
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



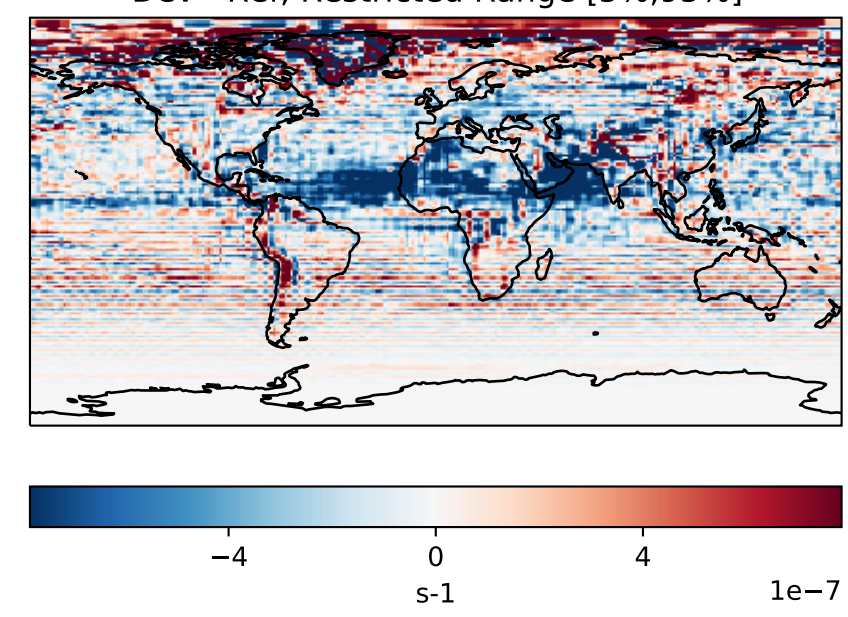
GCHP_13.1.0-beta.1 (Dev)
c48



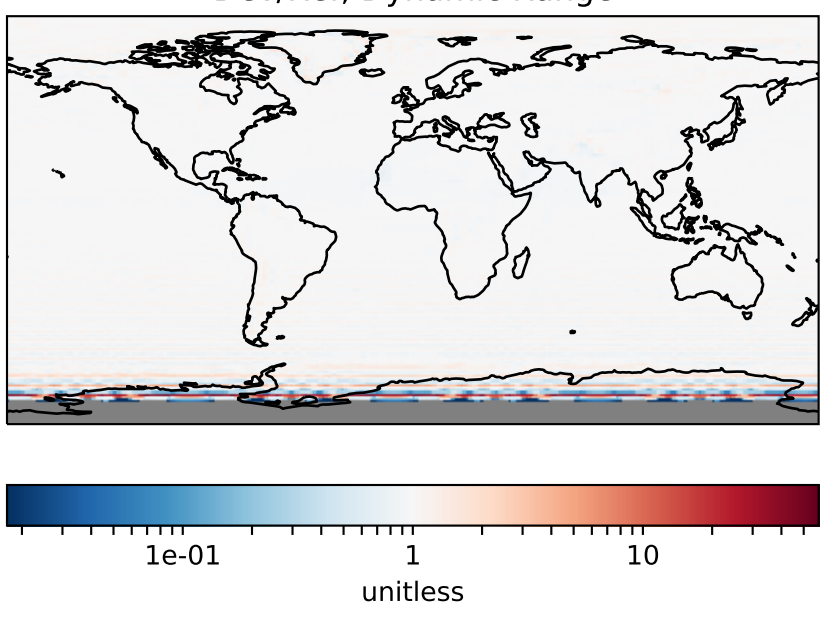
Difference (1x1.25)
Dev - Ref, Dynamic Range



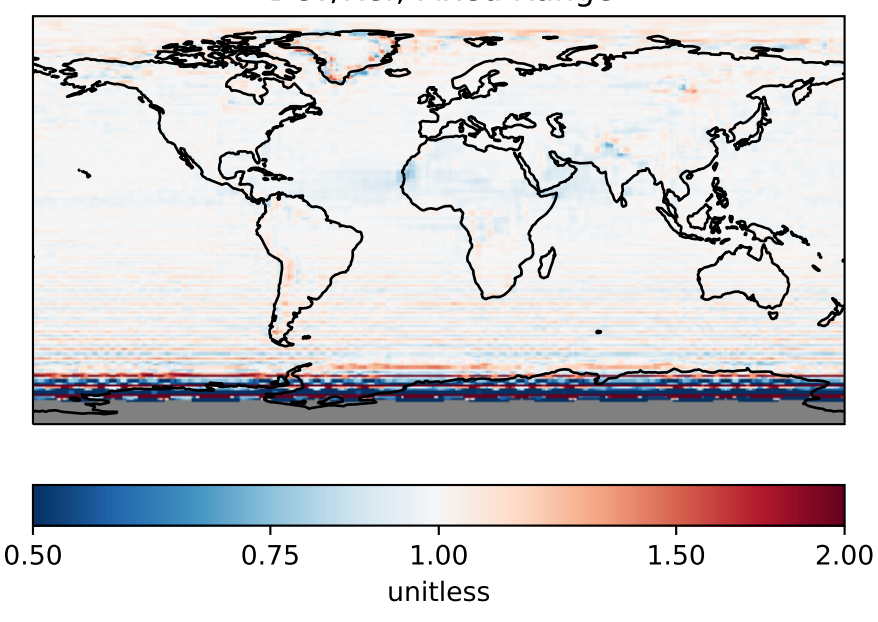
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

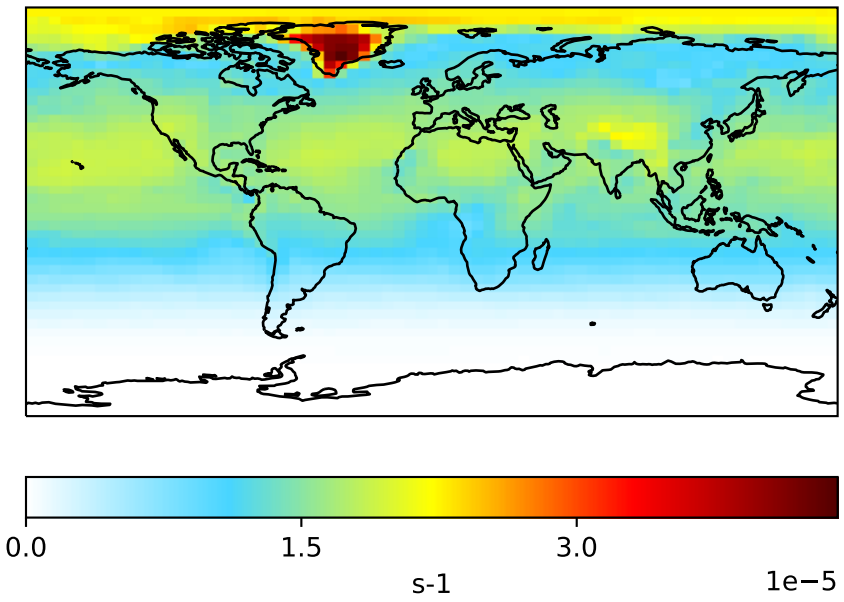


Ratio (1x1.25)
Dev/Ref, Fixed Range

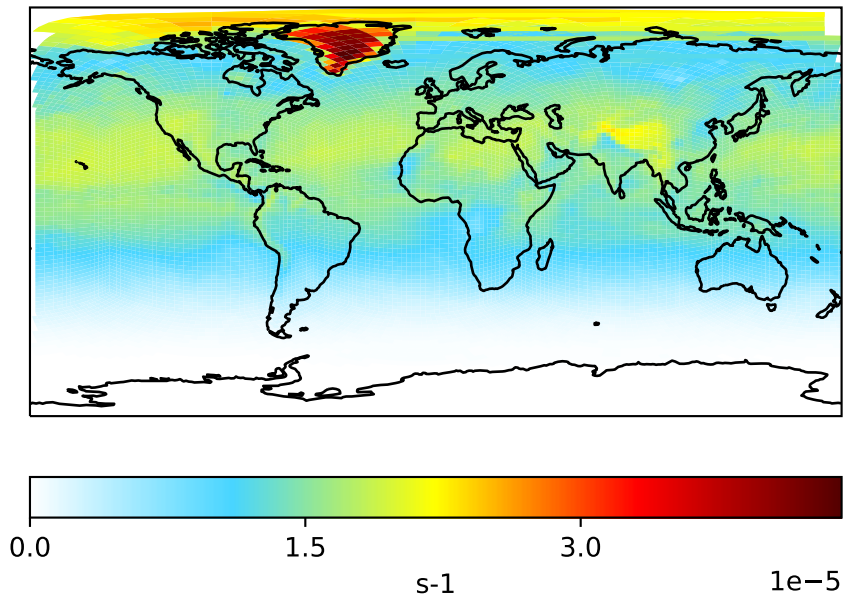


Jval_HPETHNL

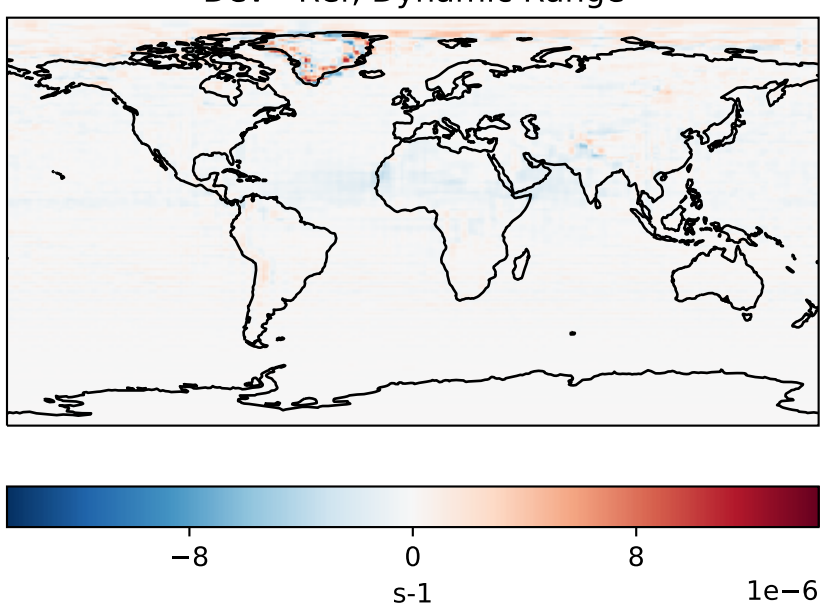
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



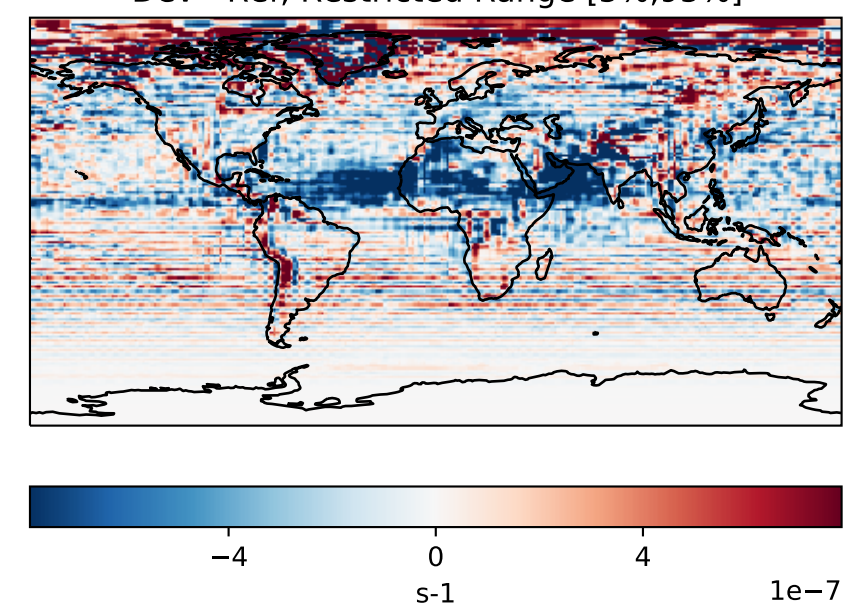
GCHP_13.1.0-beta.1 (Dev)
c48



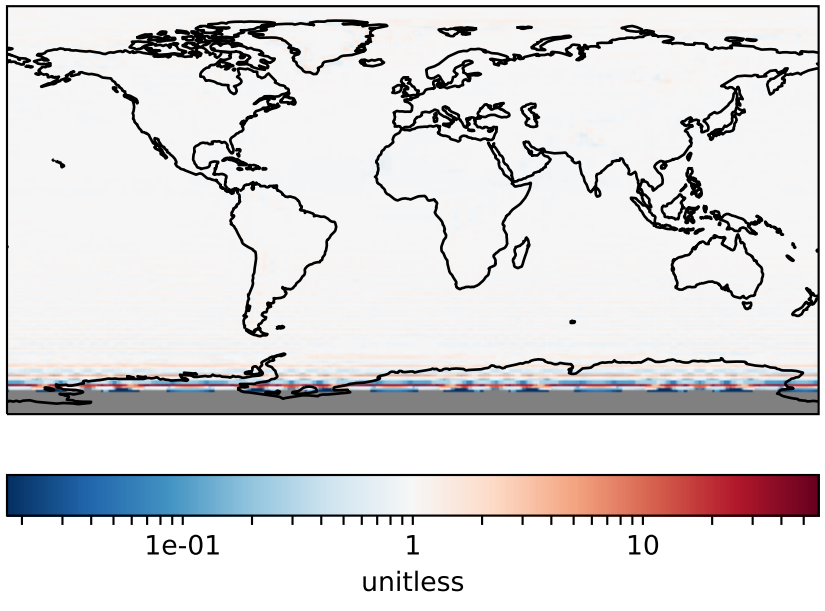
Difference (1x1.25)
Dev - Ref, Dynamic Range



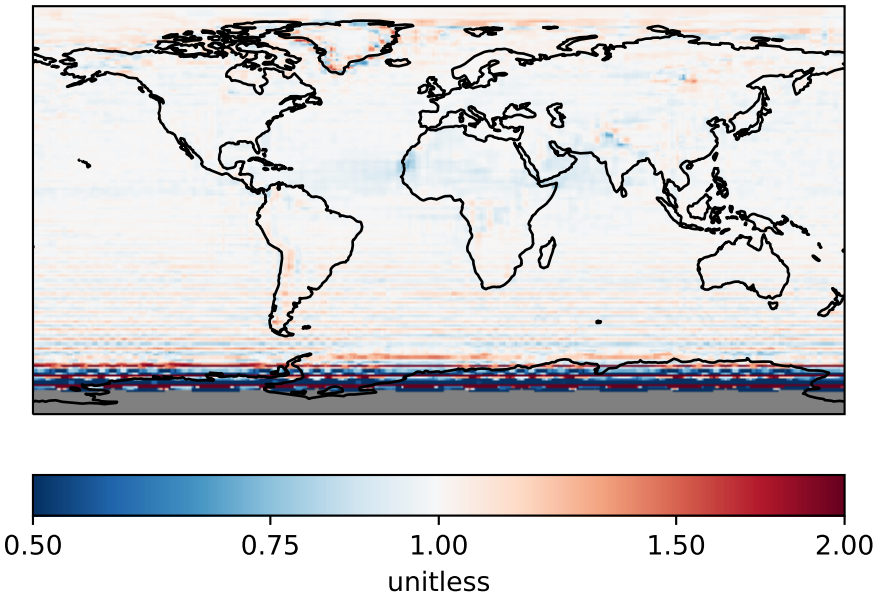
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

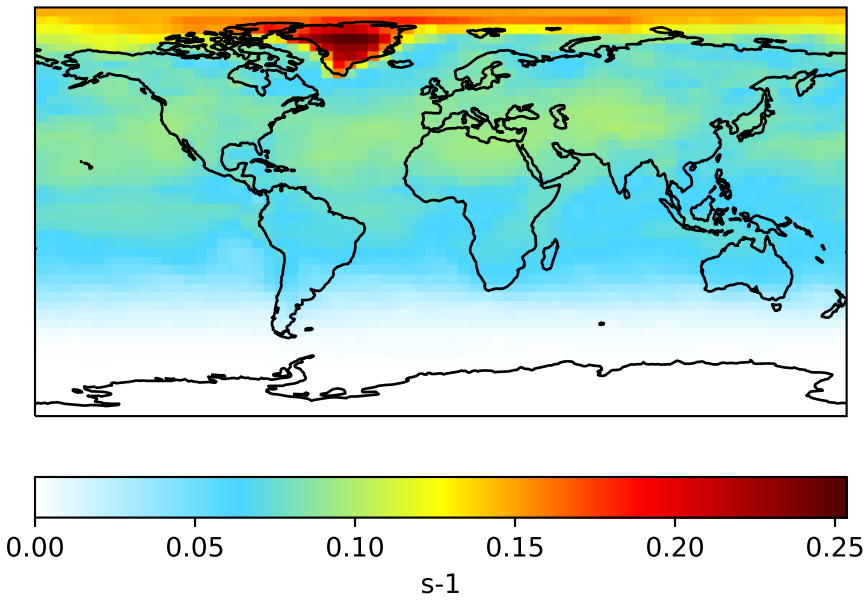


Ratio (1x1.25)
Dev/Ref, Fixed Range

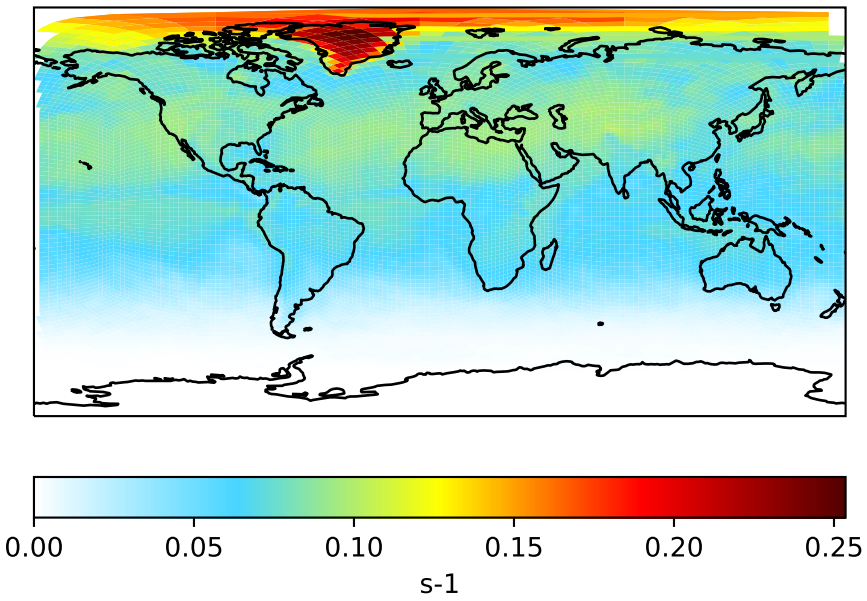


Jval_I2

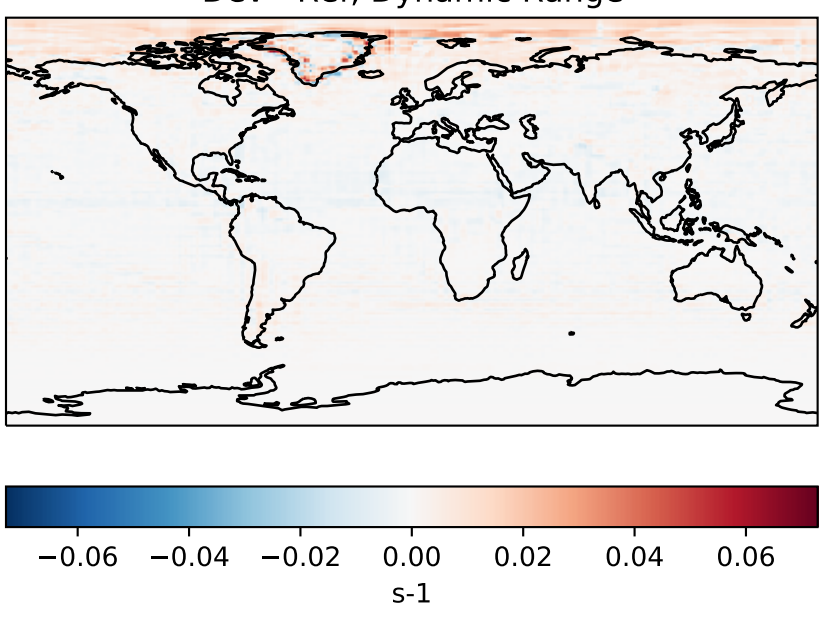
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



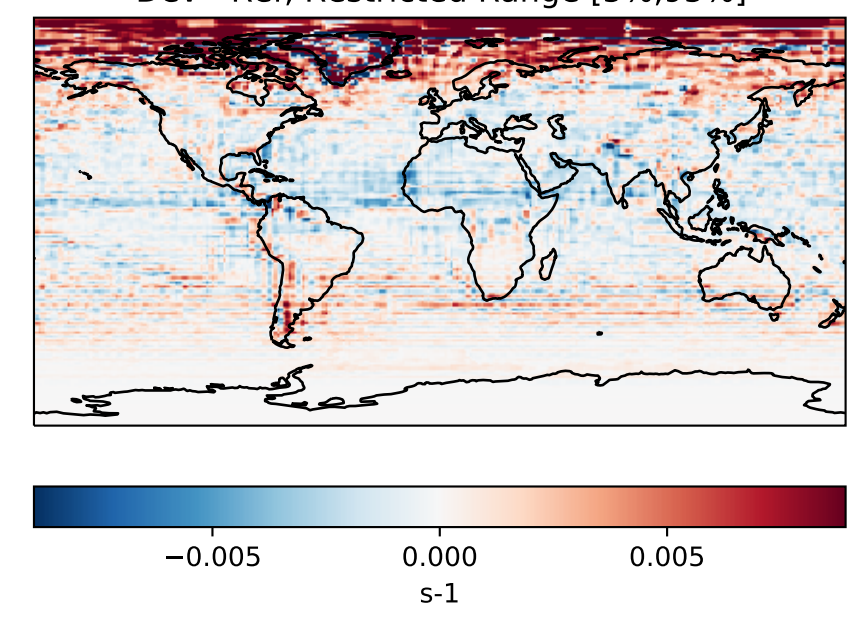
GCHP_13.1.0-beta.1 (Dev)
c48



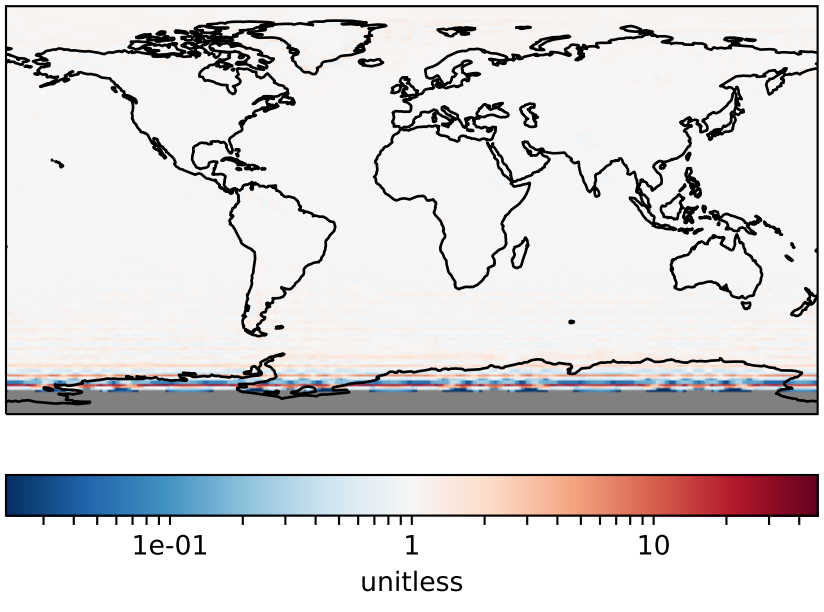
Difference (1x1.25)
Dev - Ref, Dynamic Range



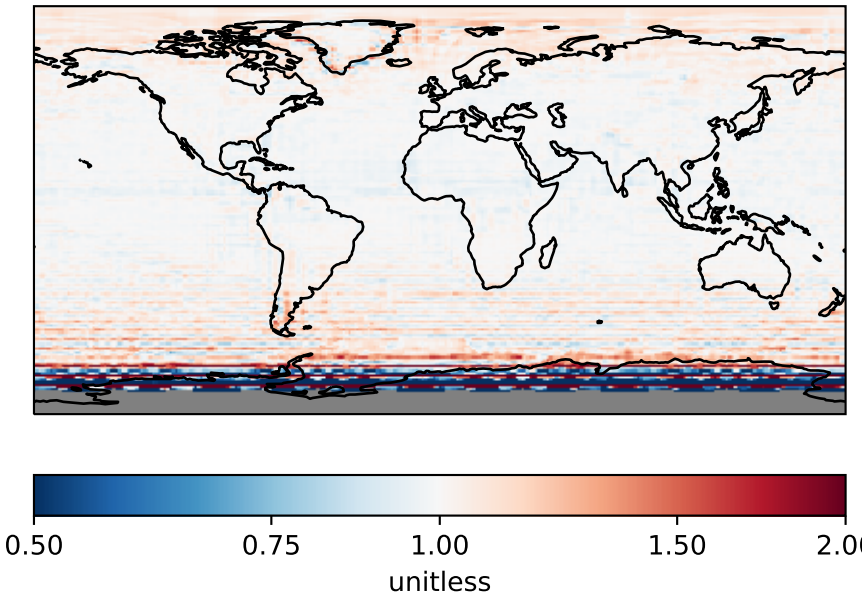
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

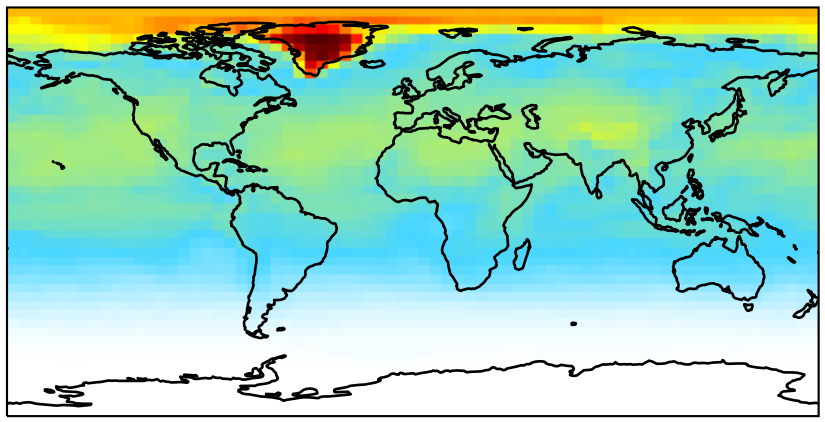


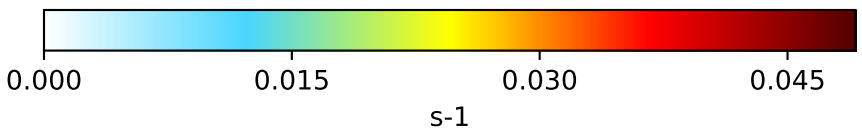
Ratio (1x1.25)
Dev/Ref, Fixed Range



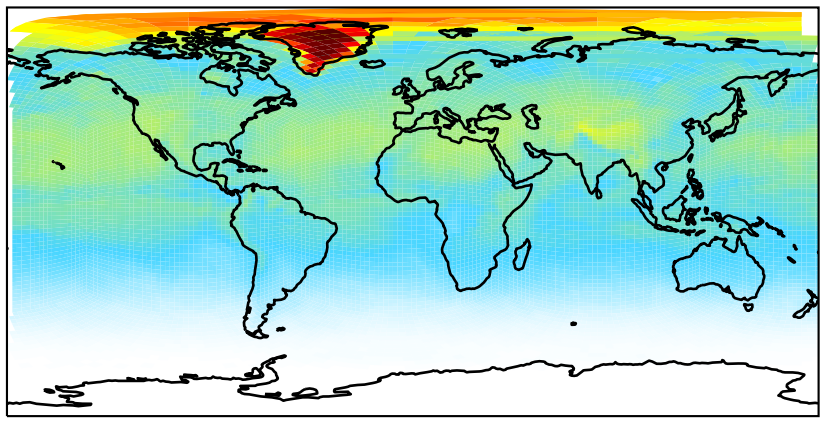
Jval_I2O2

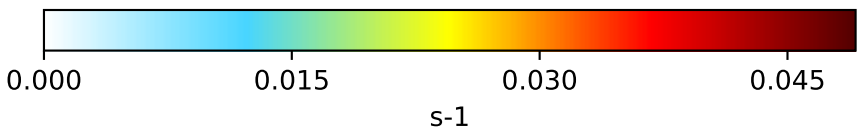
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



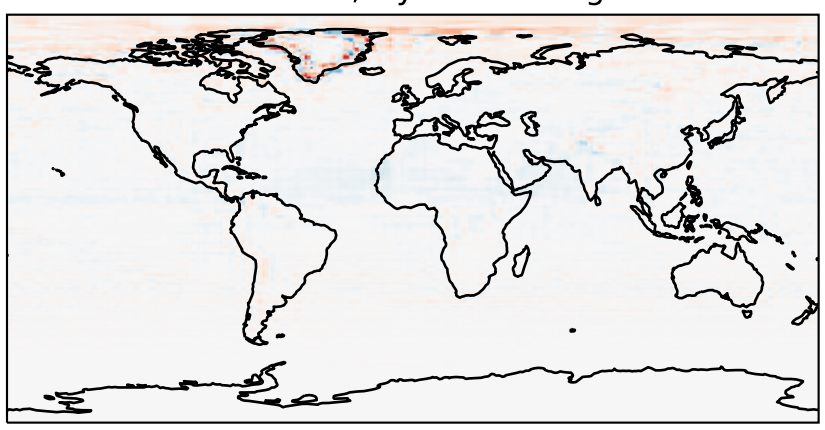


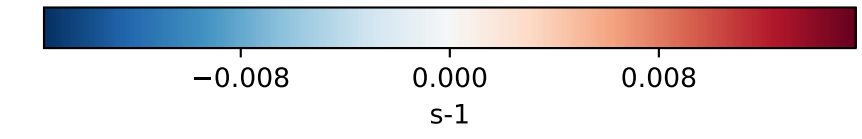
GCHP_13.1.0-beta.1 (Dev)
c48



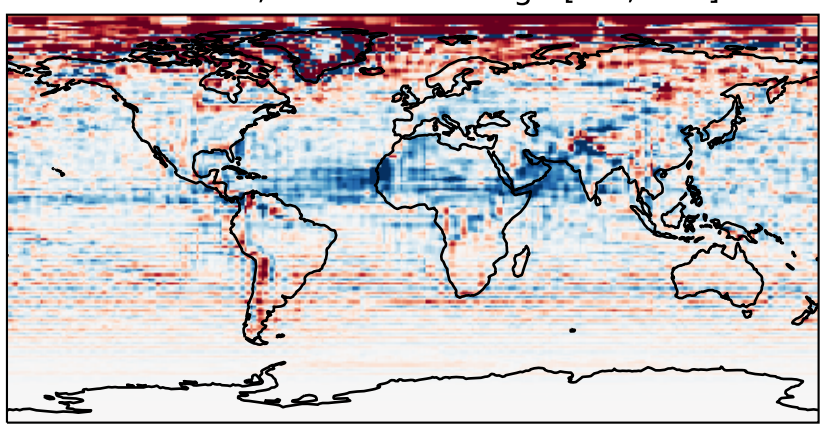


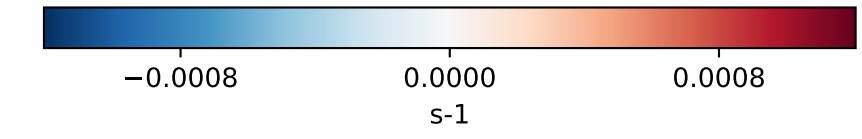
Difference (1x1.25)
Dev - Ref, Dynamic Range



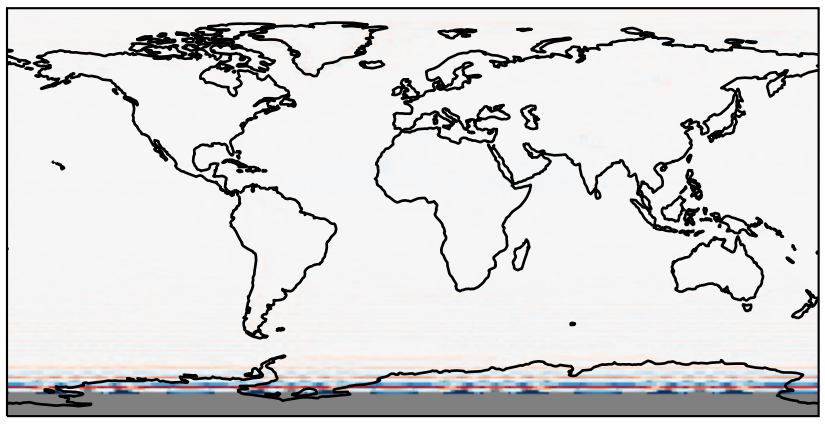


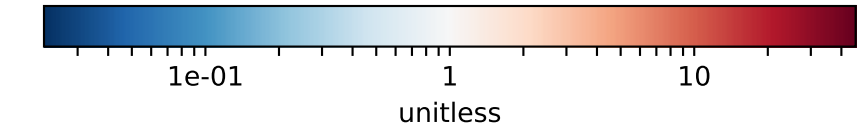
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



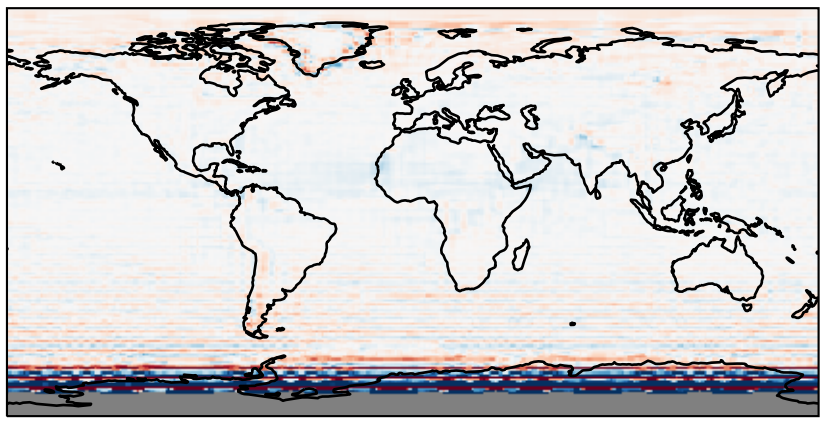


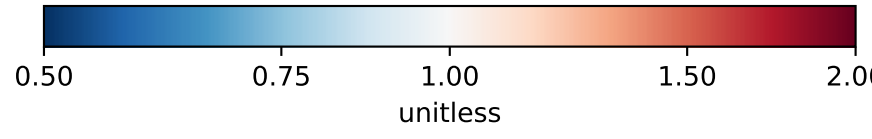
Ratio (1x1.25)
Dev/Ref, Dynamic Range





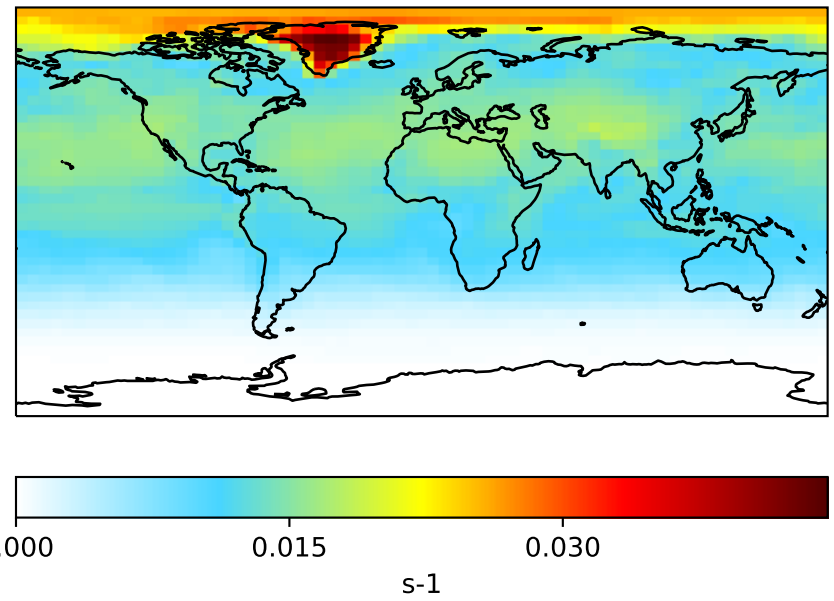
Ratio (1x1.25)
Dev/Ref, Fixed Range



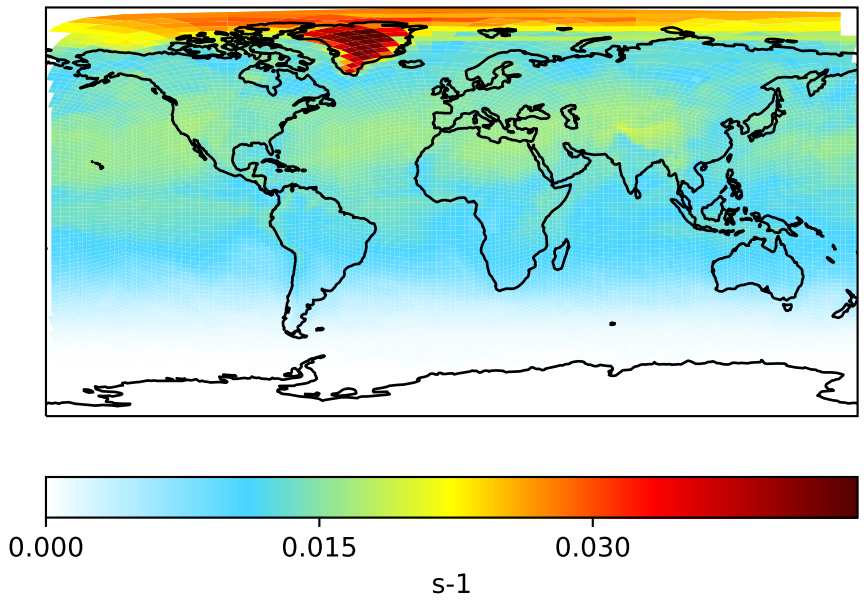


Jval_I2O3

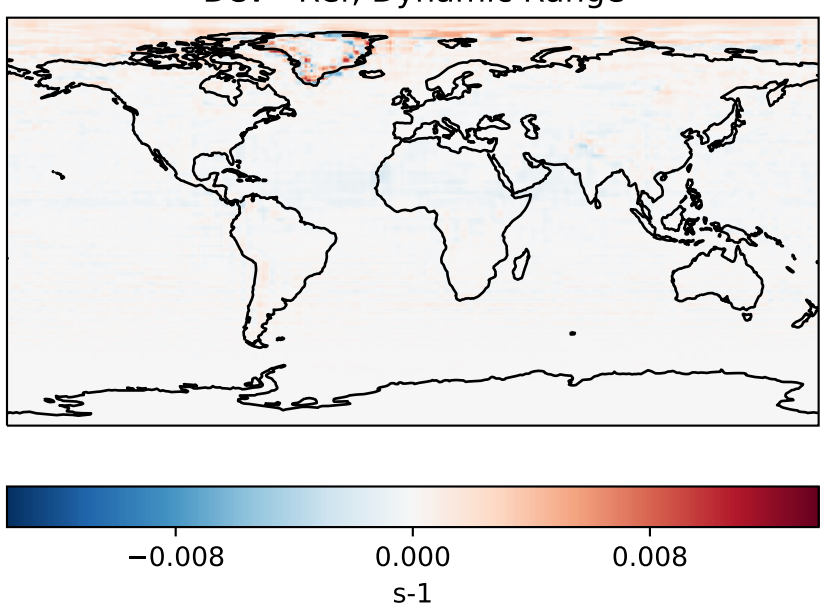
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



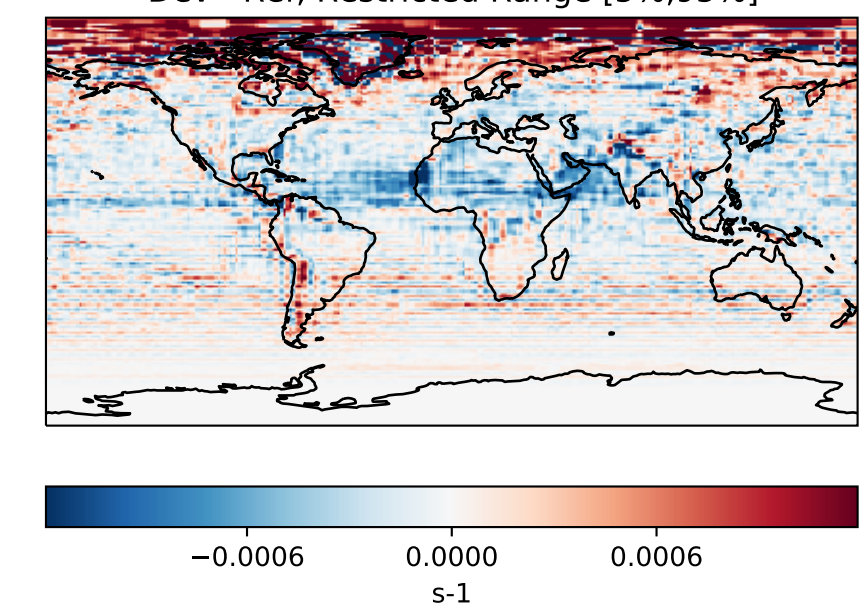
GCHP_13.1.0-beta.1 (Dev)
c48



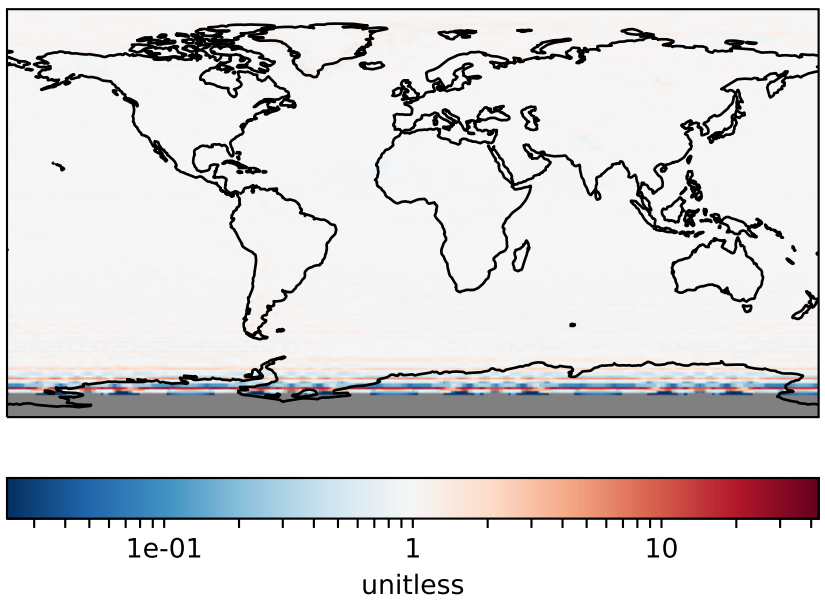
Difference (1x1.25)
Dev - Ref, Dynamic Range



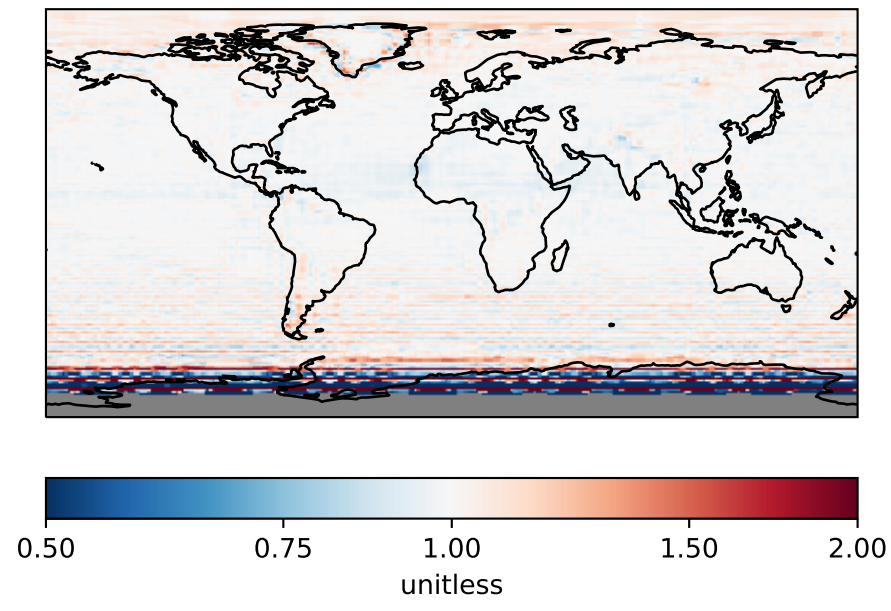
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

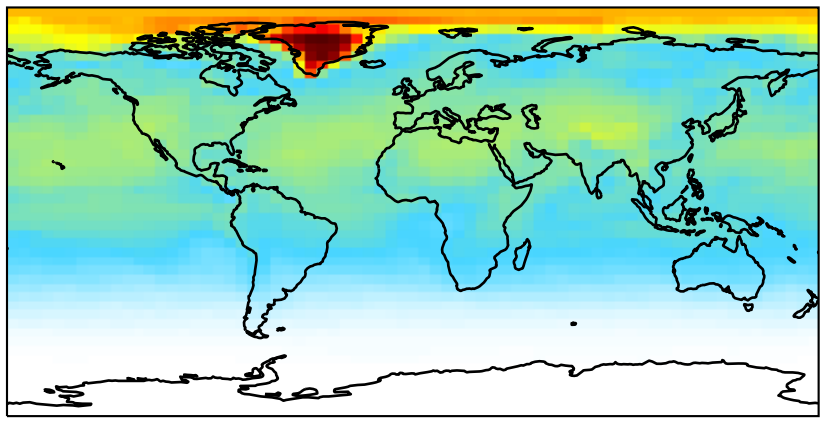


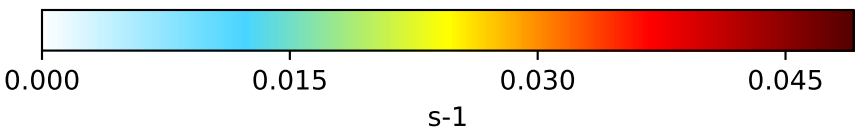
Ratio (1x1.25)
Dev/Ref, Fixed Range



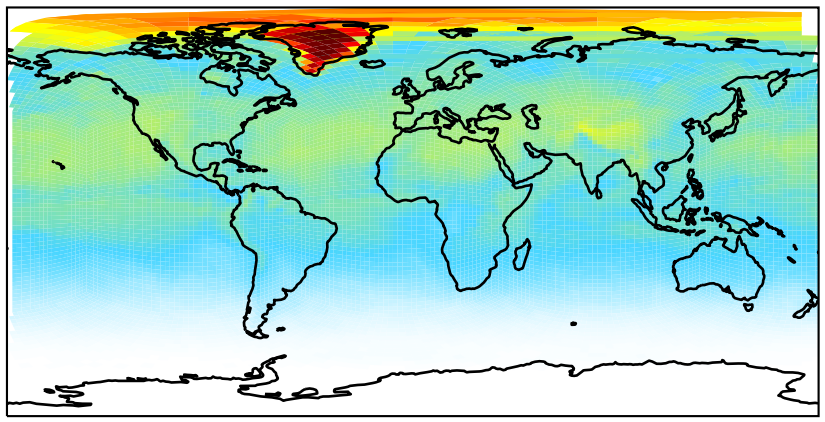
Jval_I2O4

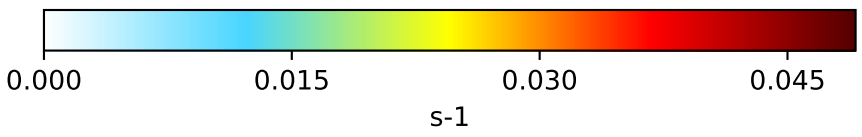
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



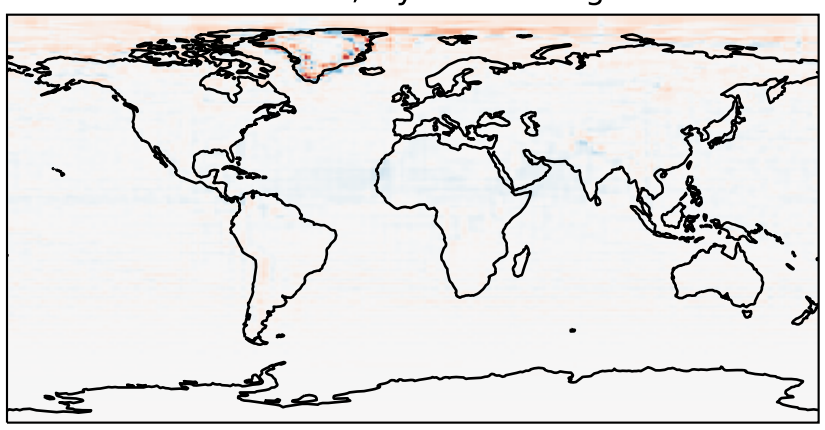


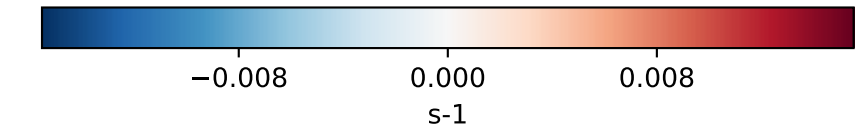
GCHP_13.1.0-beta.1 (Dev)
c48



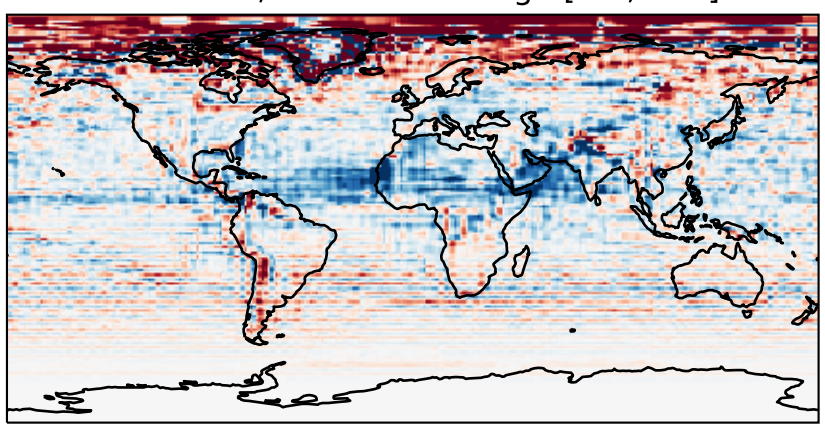


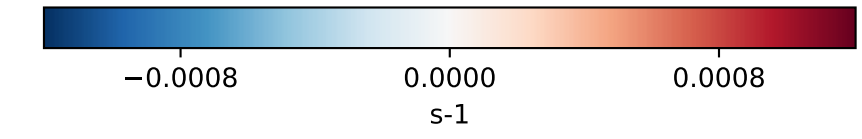
Difference (1x1.25)
Dev - Ref, Dynamic Range



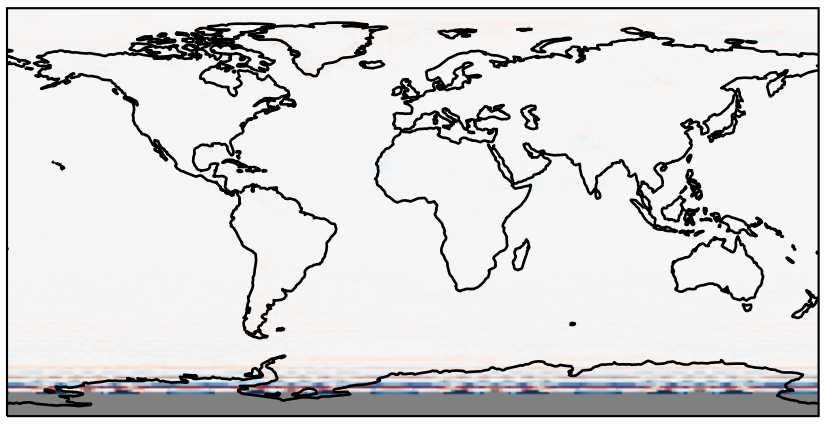


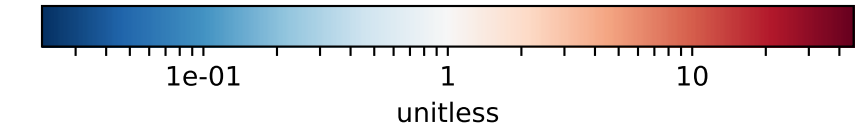
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



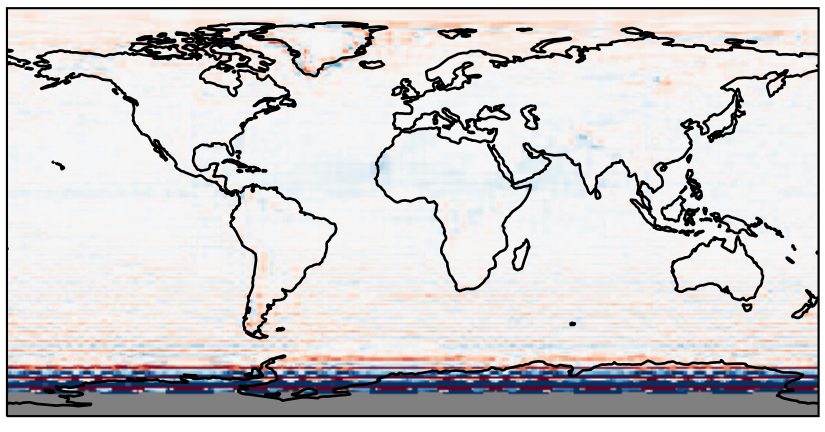


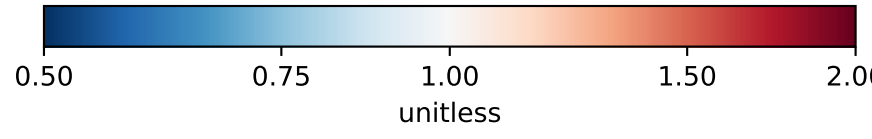
Ratio (1x1.25)
Dev/Ref, Dynamic Range





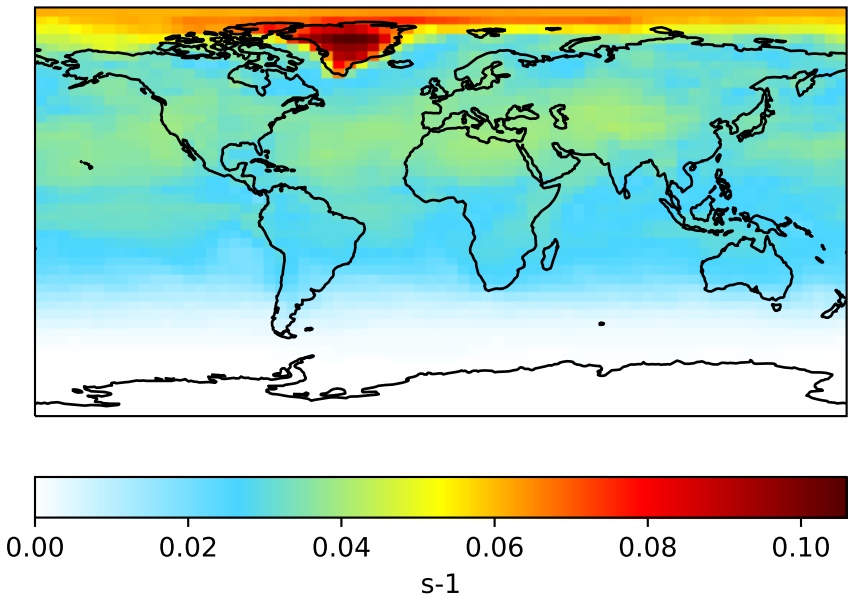
Ratio (1x1.25)
Dev/Ref, Fixed Range



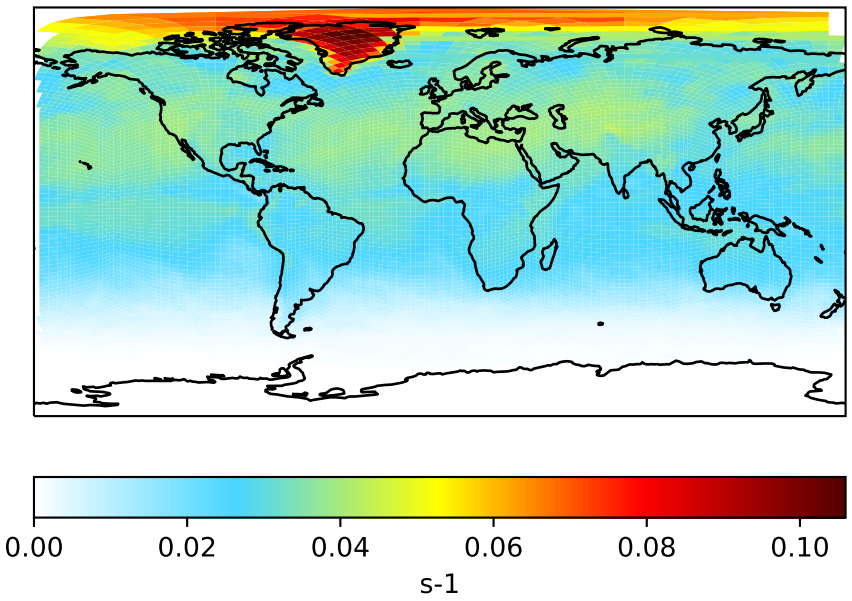


Jval_IBr

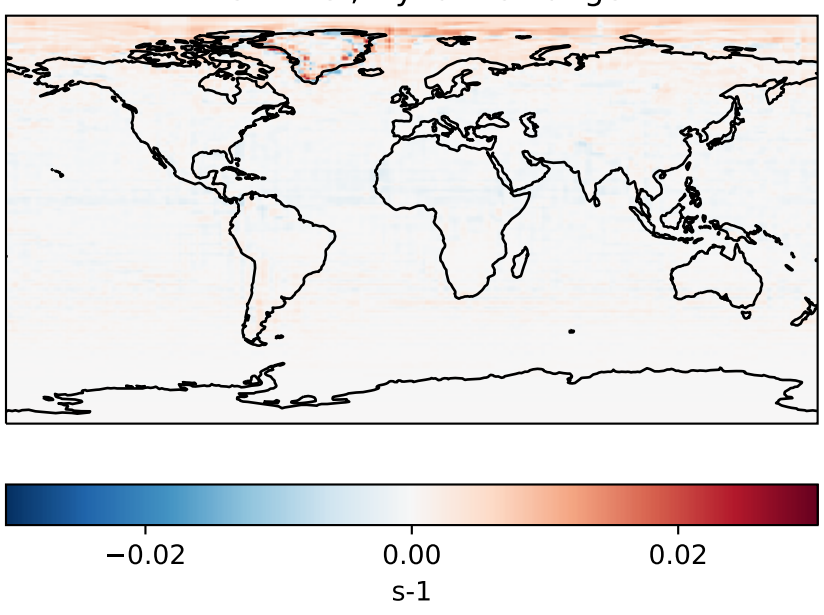
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



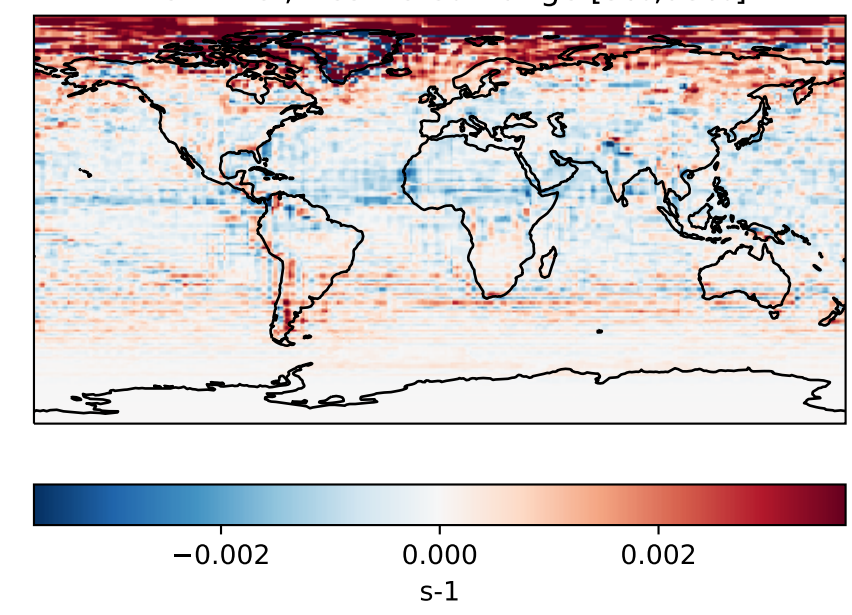
GCHP_13.1.0-beta.1 (Dev)
c48



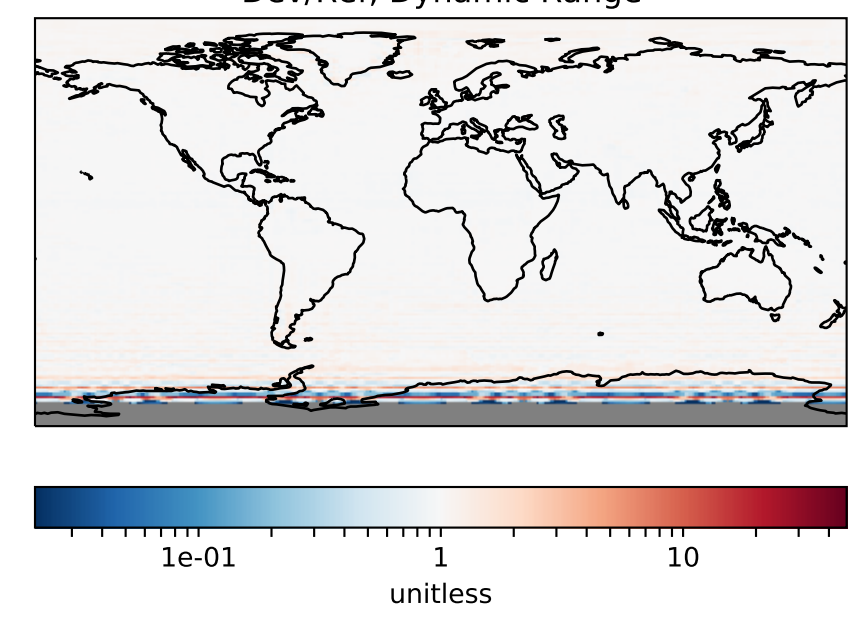
Difference (1x1.25)
Dev - Ref, Dynamic Range



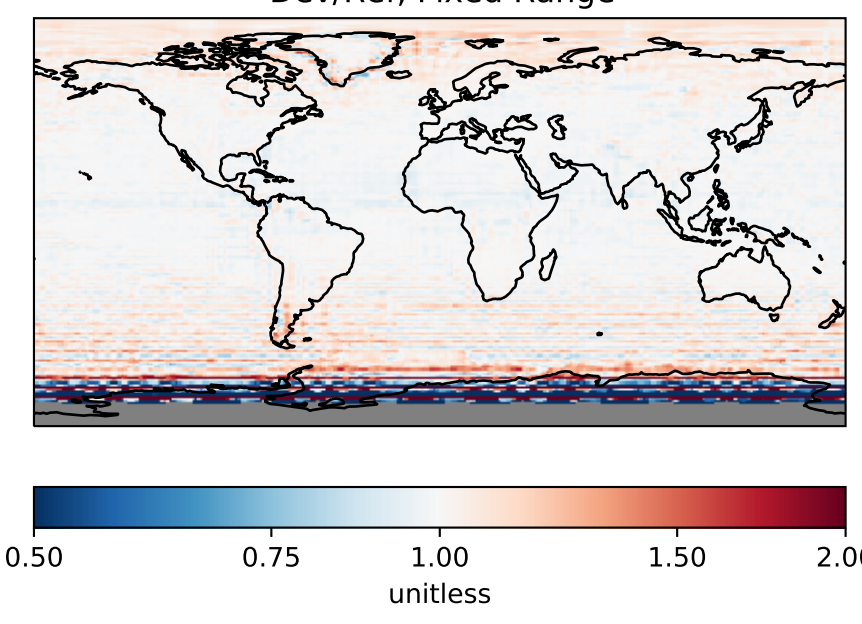
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

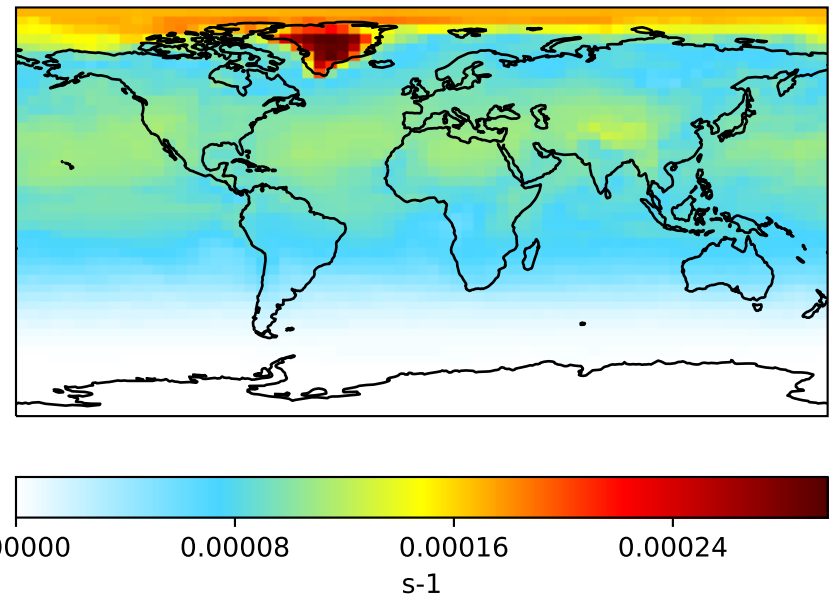


Ratio (1x1.25)
Dev/Ref, Fixed Range

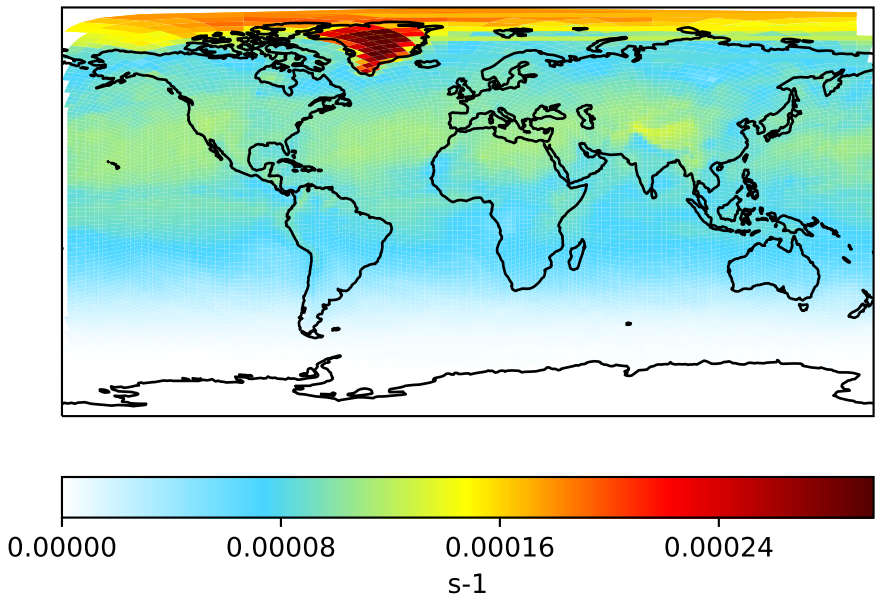


Jval_ICN

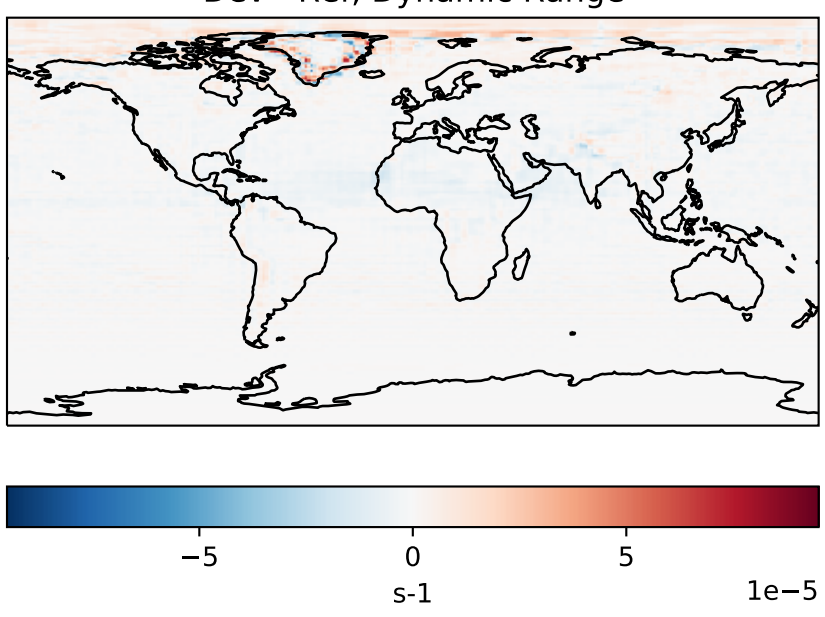
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



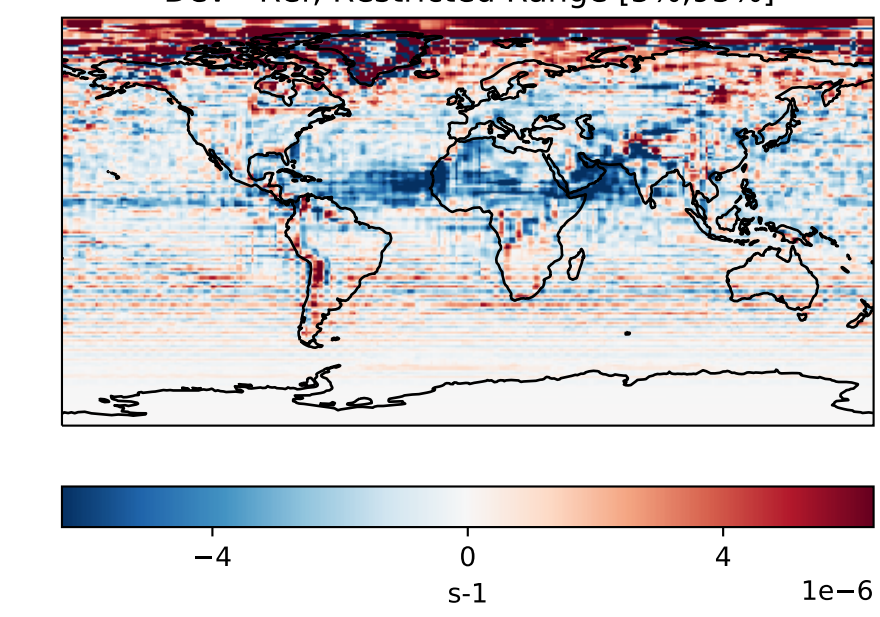
GCHP_13.1.0-beta.1 (Dev)
c48



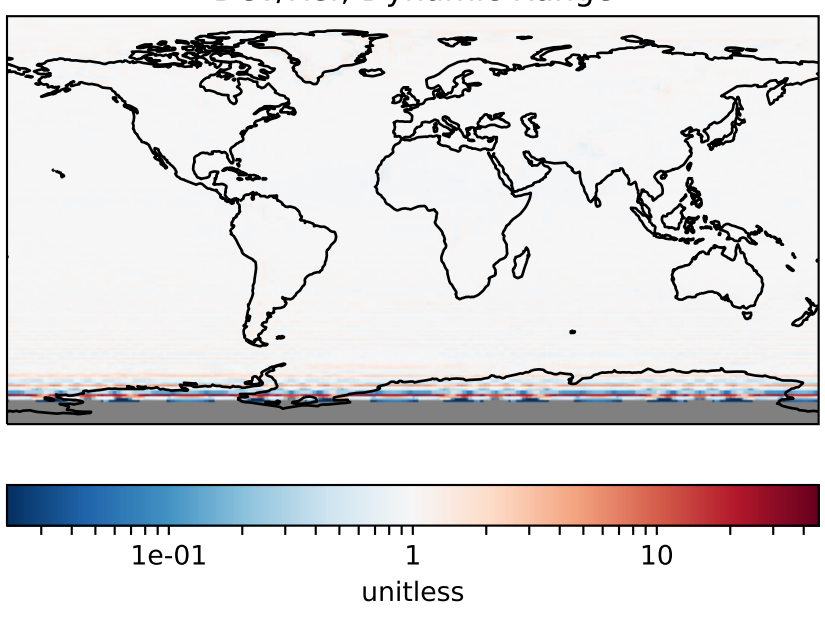
Difference (1x1.25)
Dev - Ref, Dynamic Range



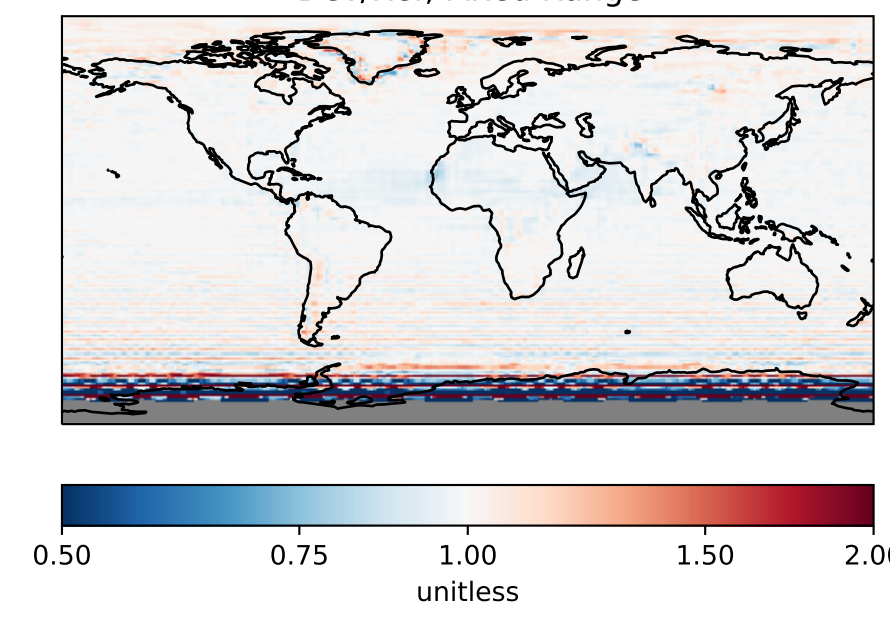
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

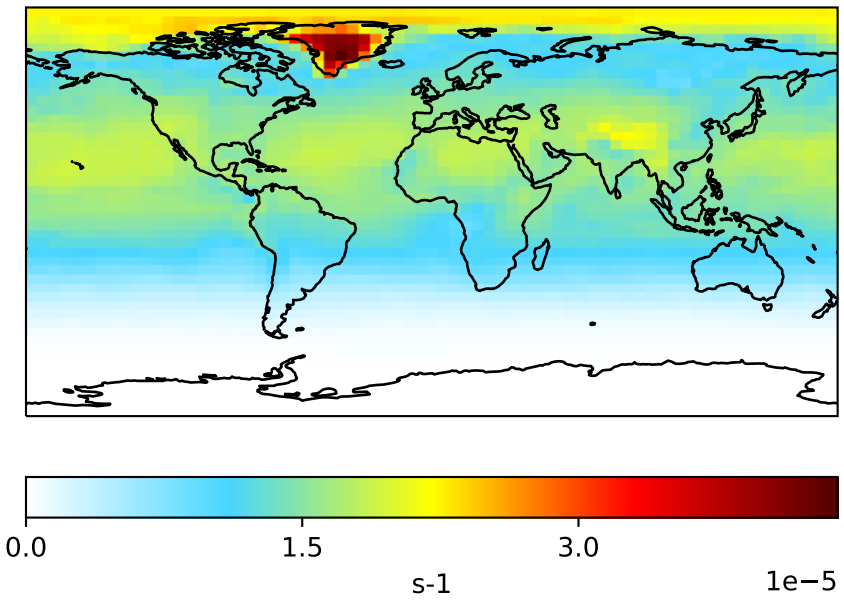


Ratio (1x1.25)
Dev/Ref, Fixed Range

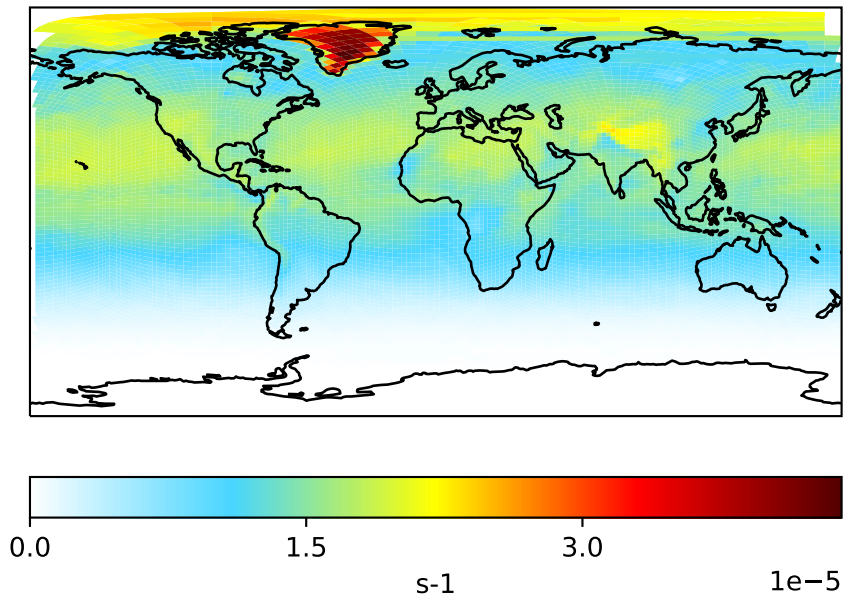


Jval_ICPDH

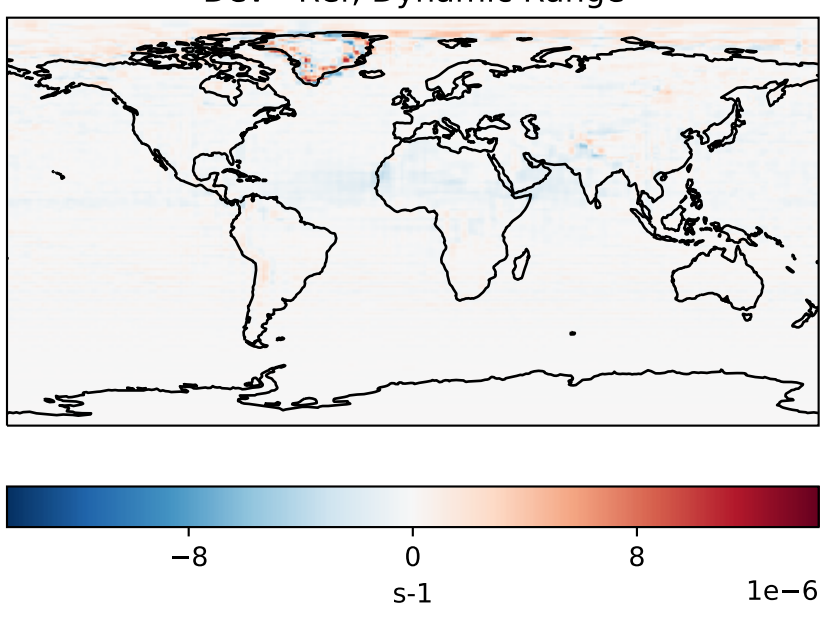
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



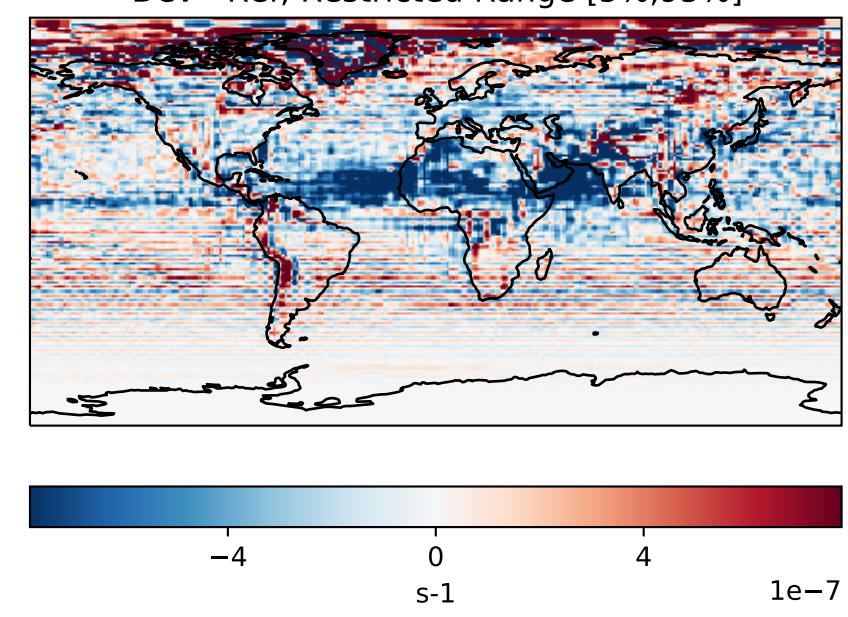
GCHP_13.1.0-beta.1 (Dev)
c48



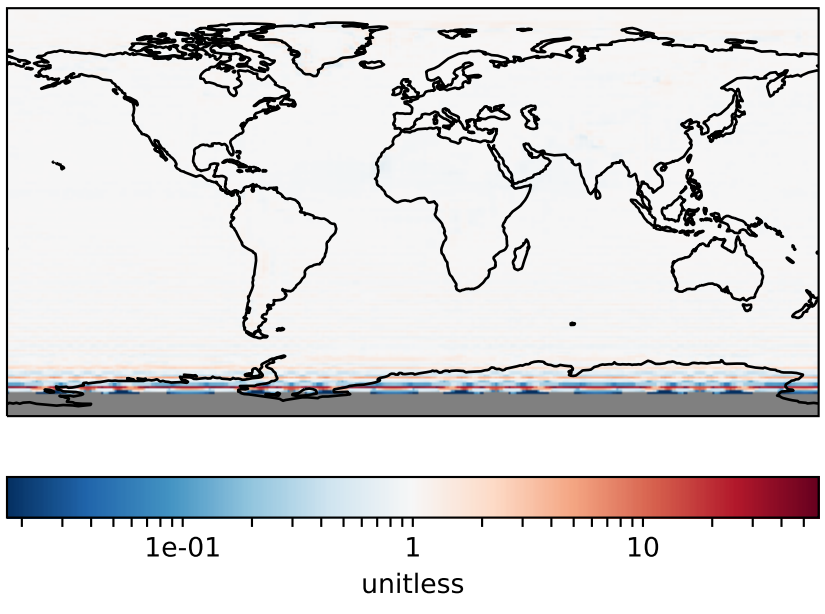
Difference (1x1.25)
Dev - Ref, Dynamic Range



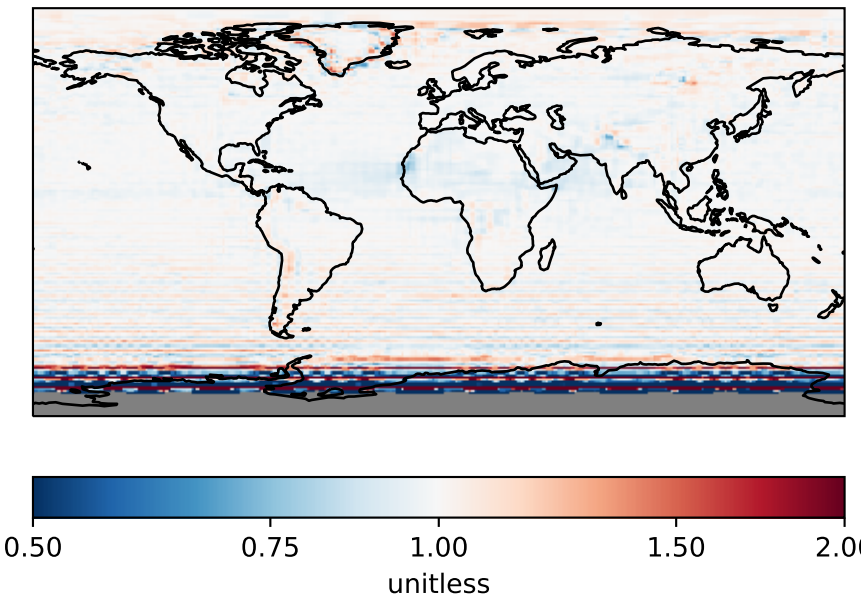
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

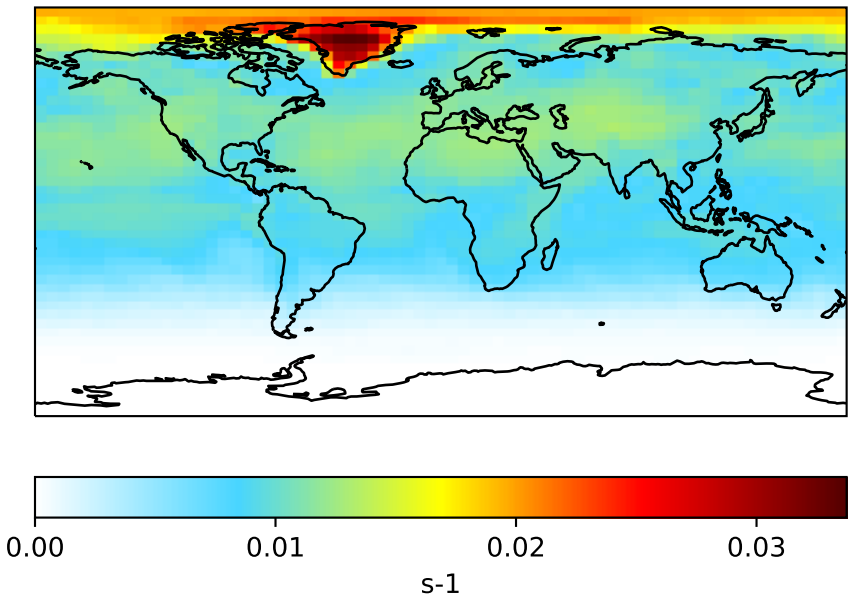


Ratio (1x1.25)
Dev/Ref, Fixed Range

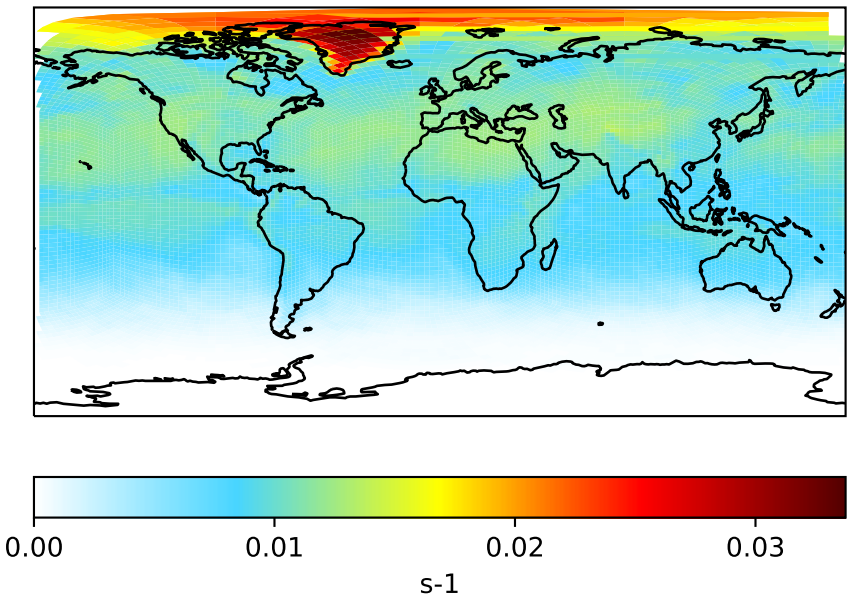


Jval_ICl

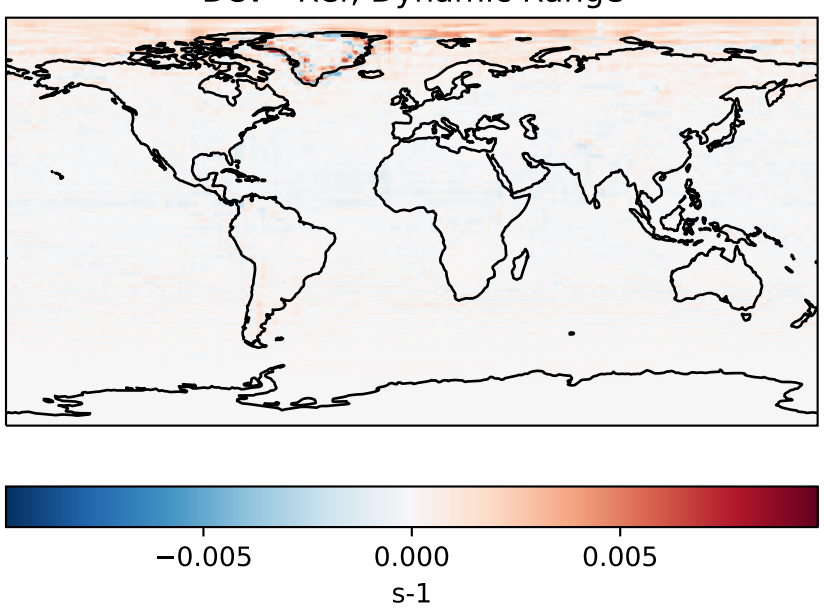
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



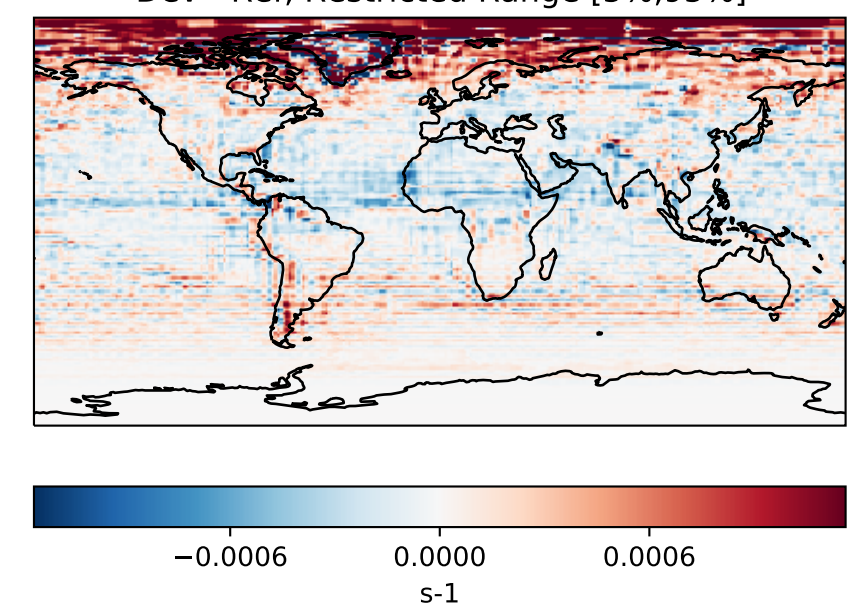
GCHP_13.1.0-beta.1 (Dev)
c48



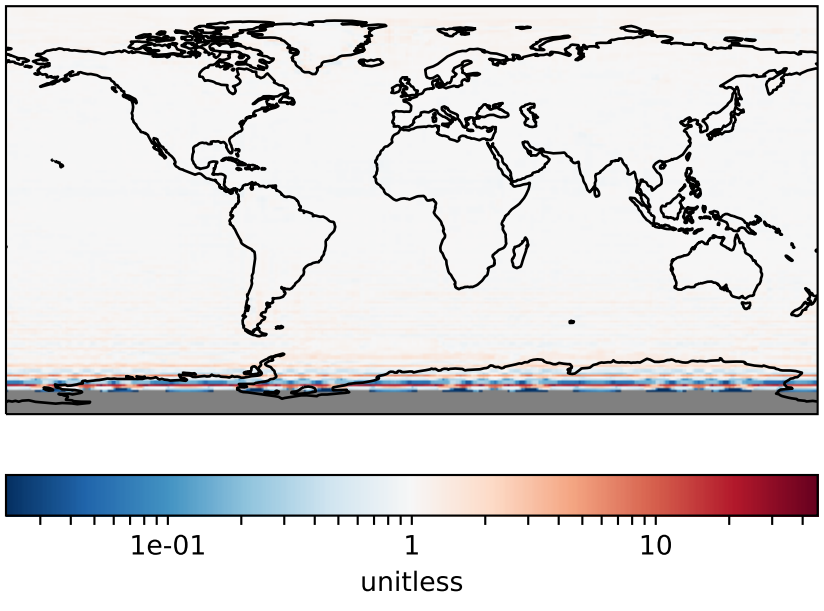
Difference (1x1.25)
Dev - Ref, Dynamic Range



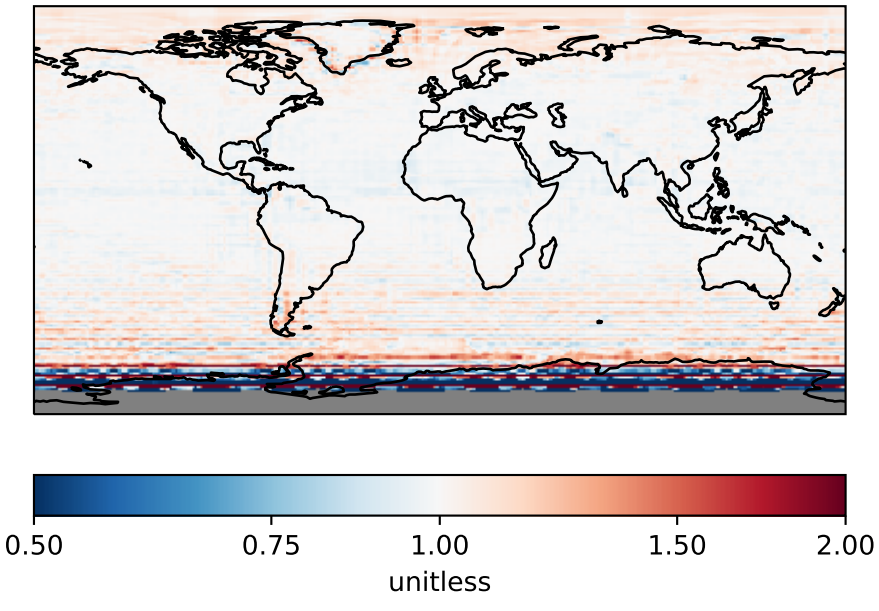
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

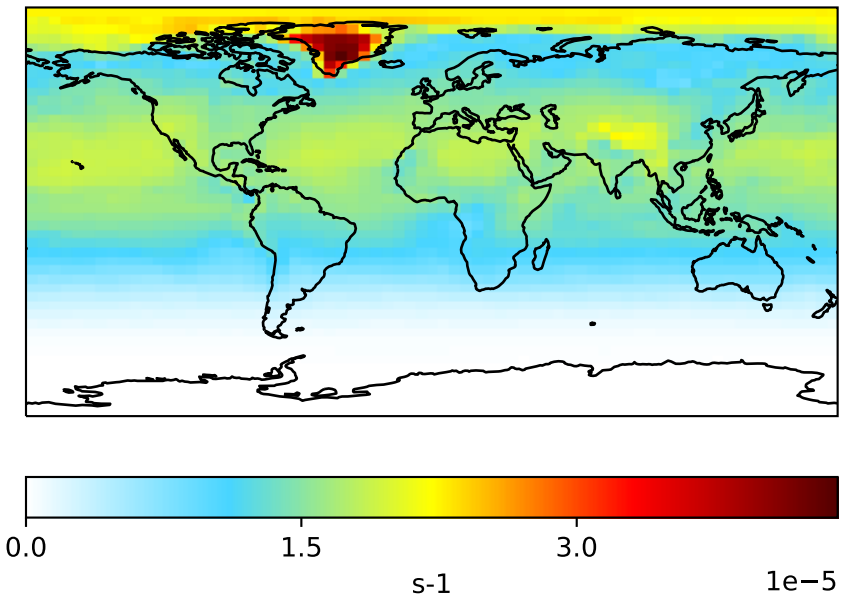


Ratio (1x1.25)
Dev/Ref, Fixed Range

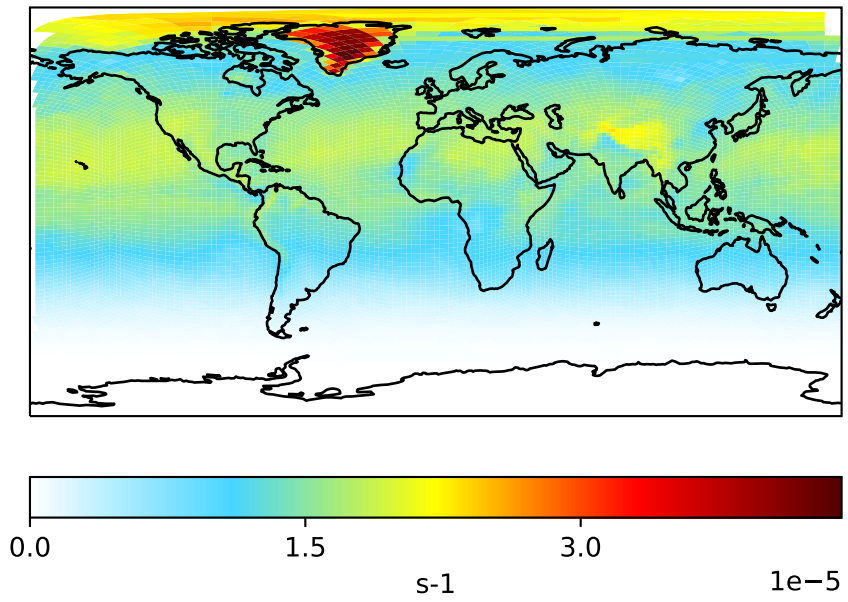


Jval_IDCHP

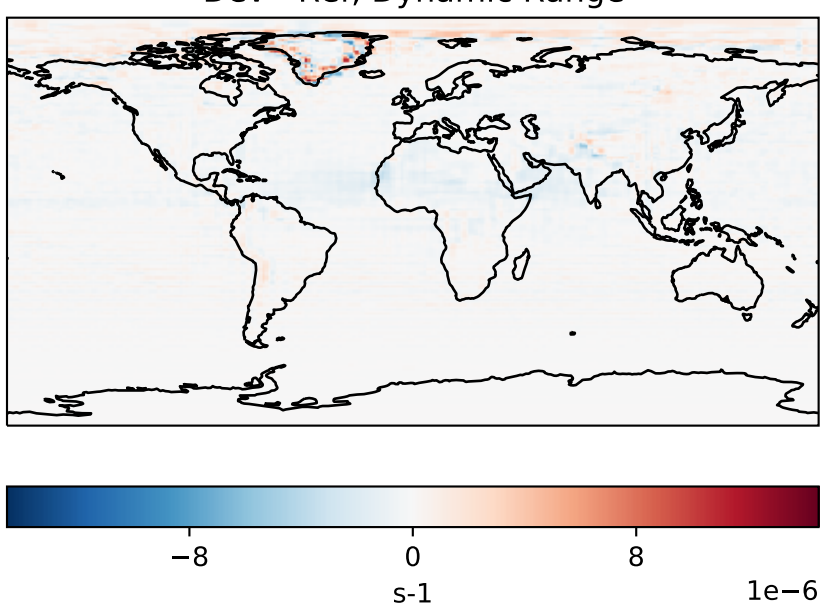
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



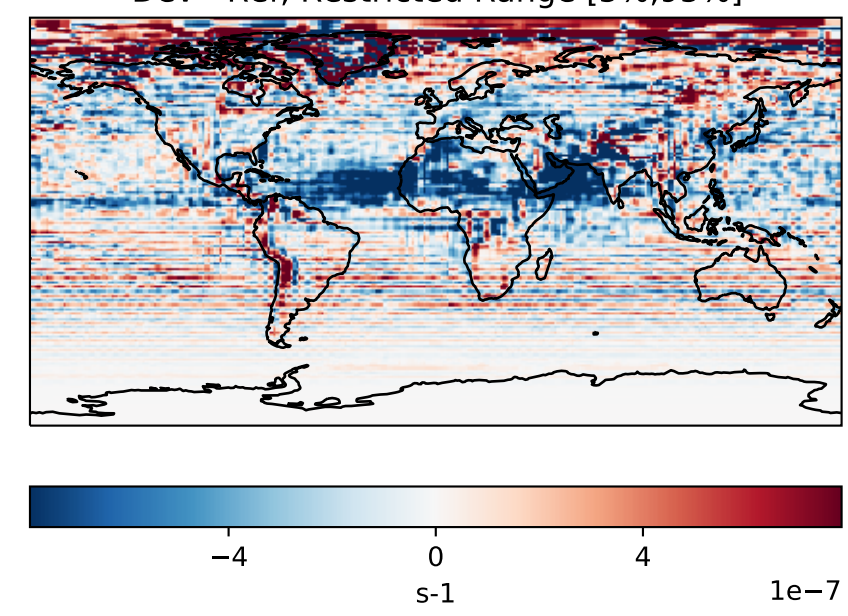
GCHP_13.1.0-beta.1 (Dev)
c48



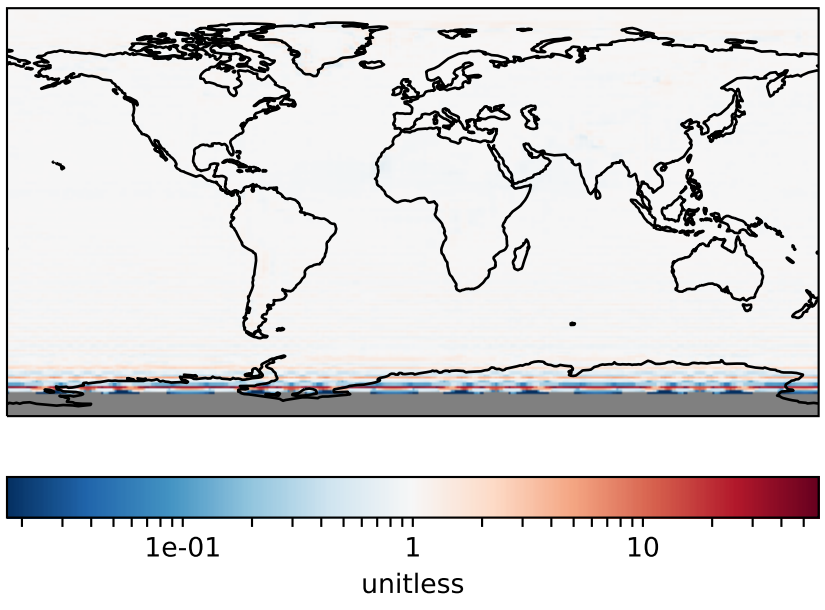
Difference (1x1.25)
Dev - Ref, Dynamic Range



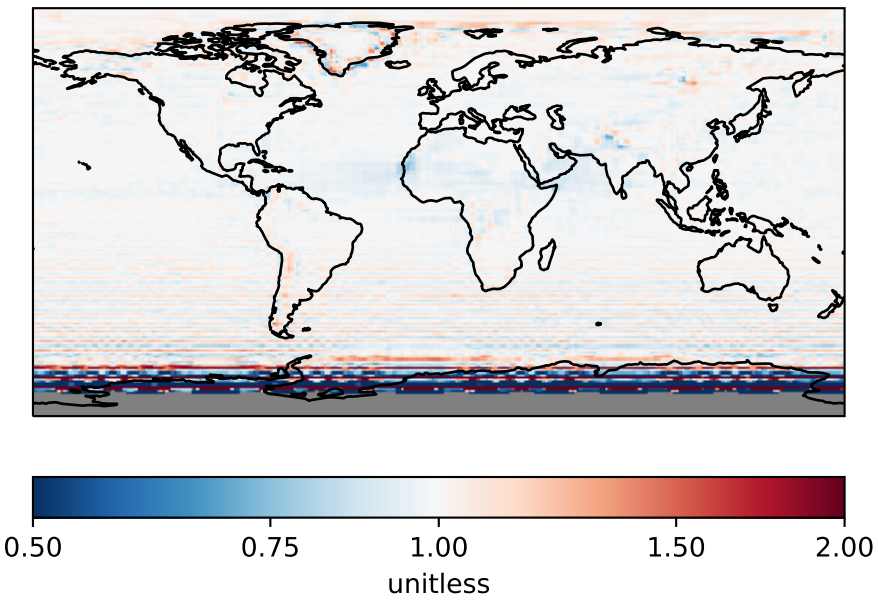
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

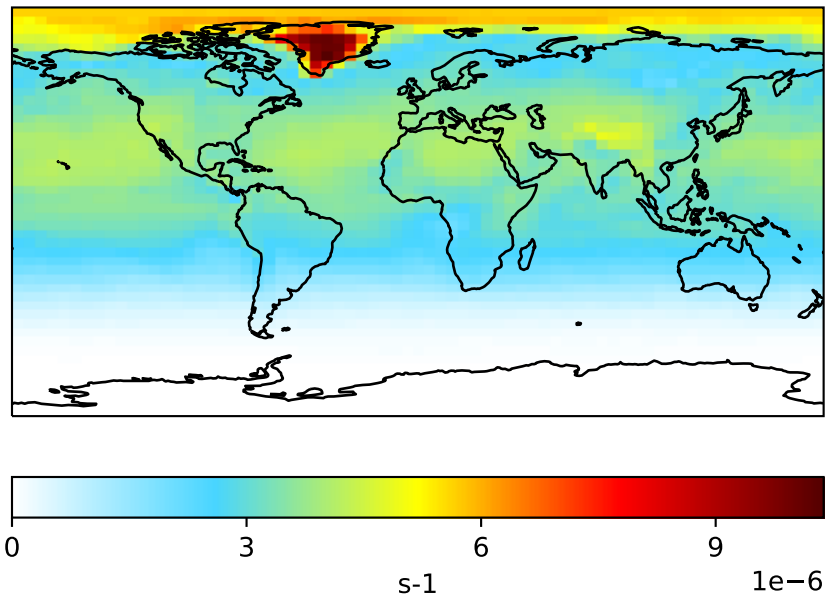


Ratio (1x1.25)
Dev/Ref, Fixed Range

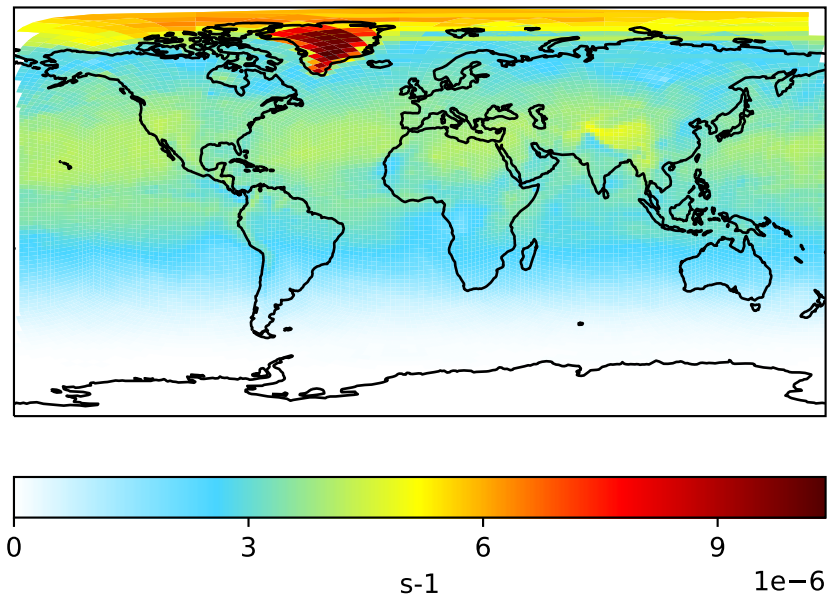


Jval_IDHDP

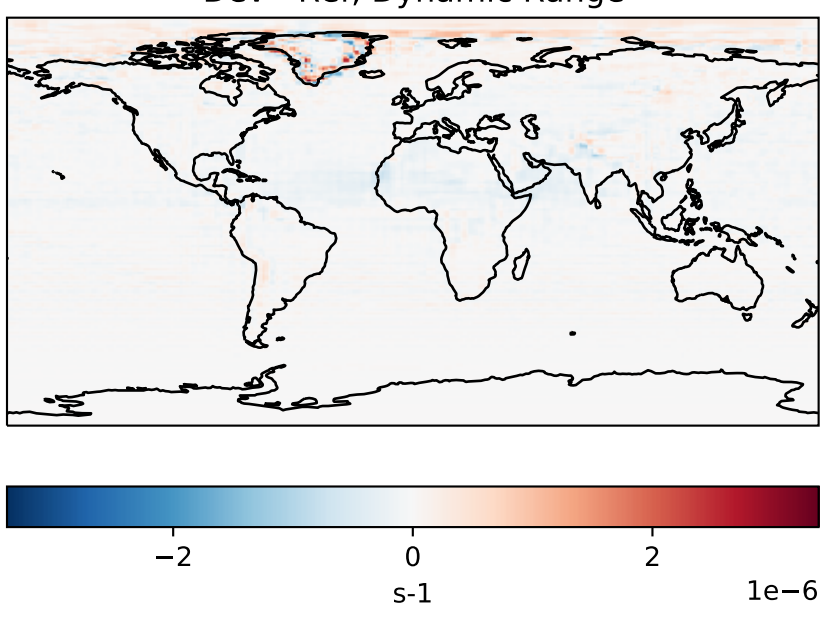
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



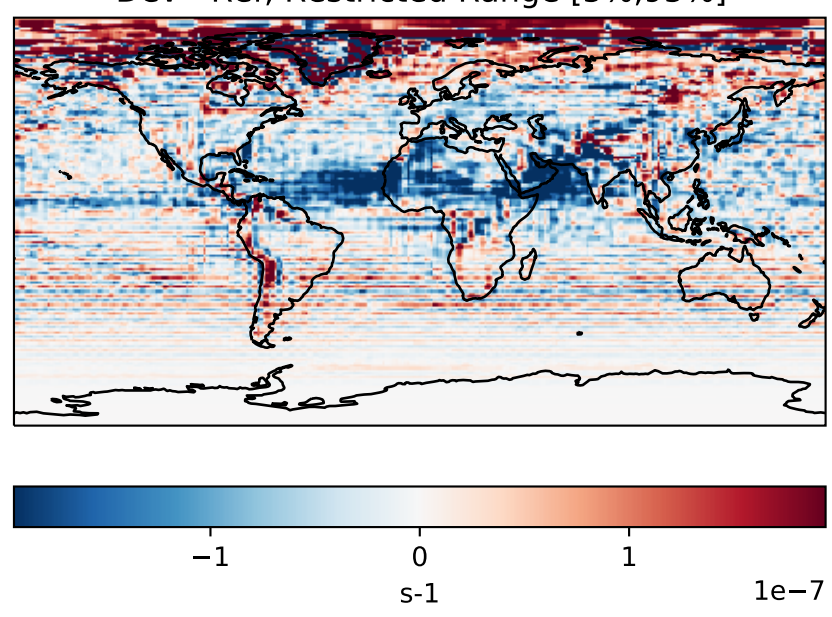
GCHP_13.1.0-beta.1 (Dev)
c48



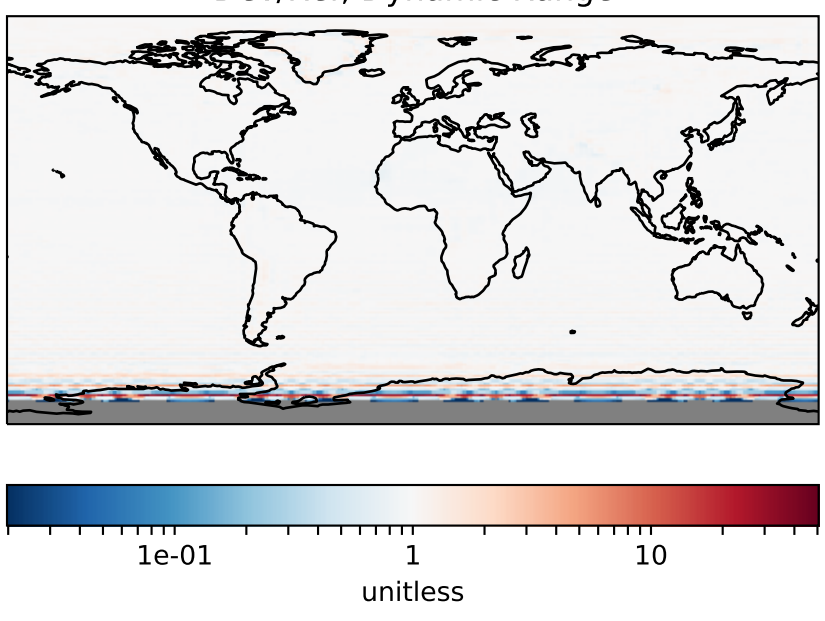
Difference (1x1.25)
Dev - Ref, Dynamic Range



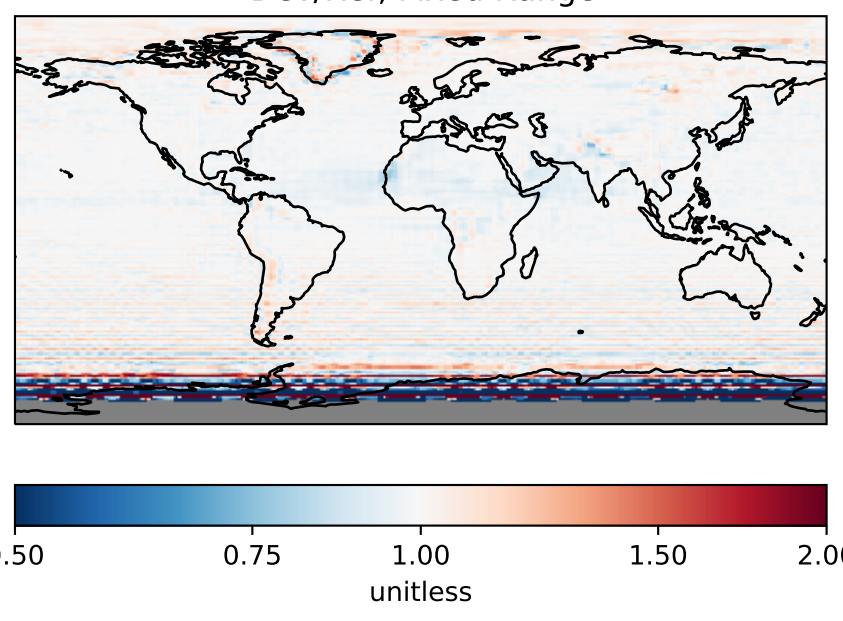
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

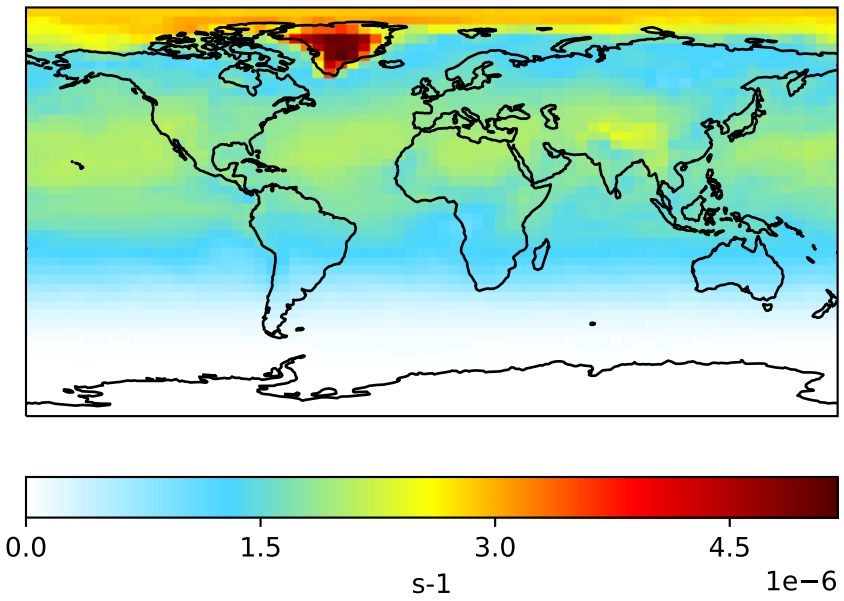


Ratio (1x1.25)
Dev/Ref, Fixed Range

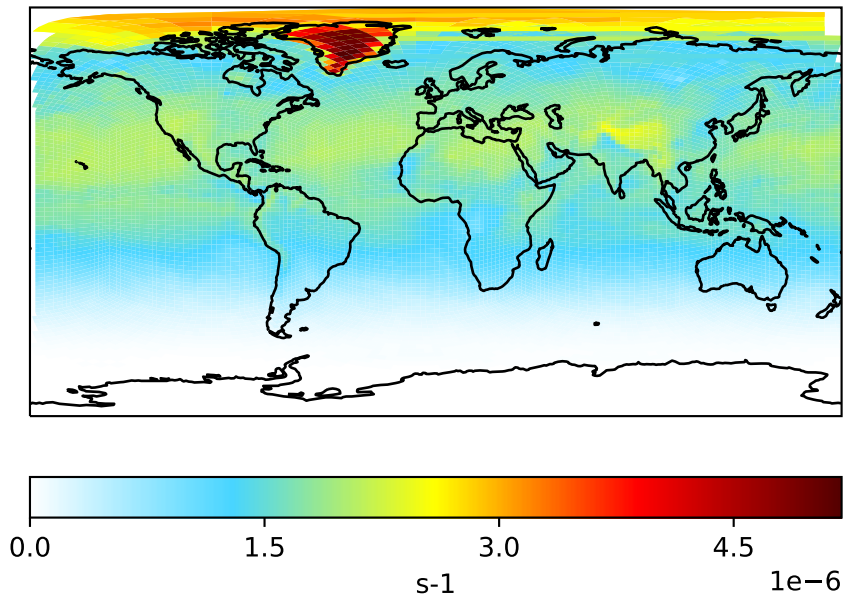


Jval_IDHPE

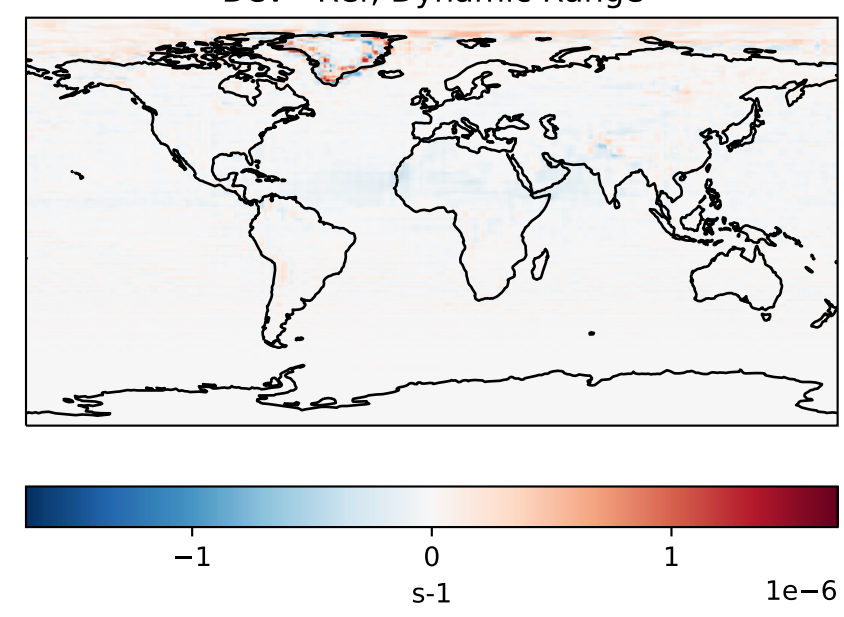
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



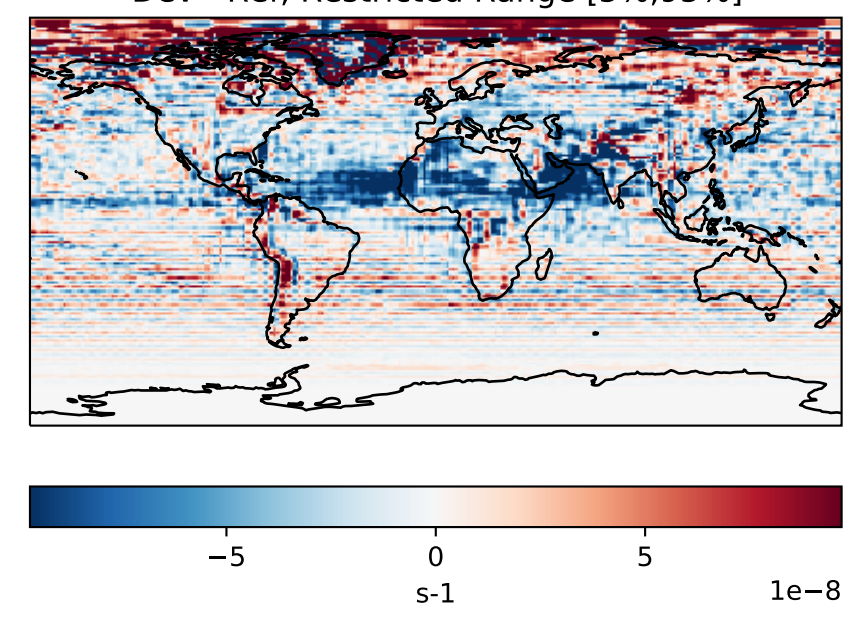
GCHP_13.1.0-beta.1 (Dev)
c48



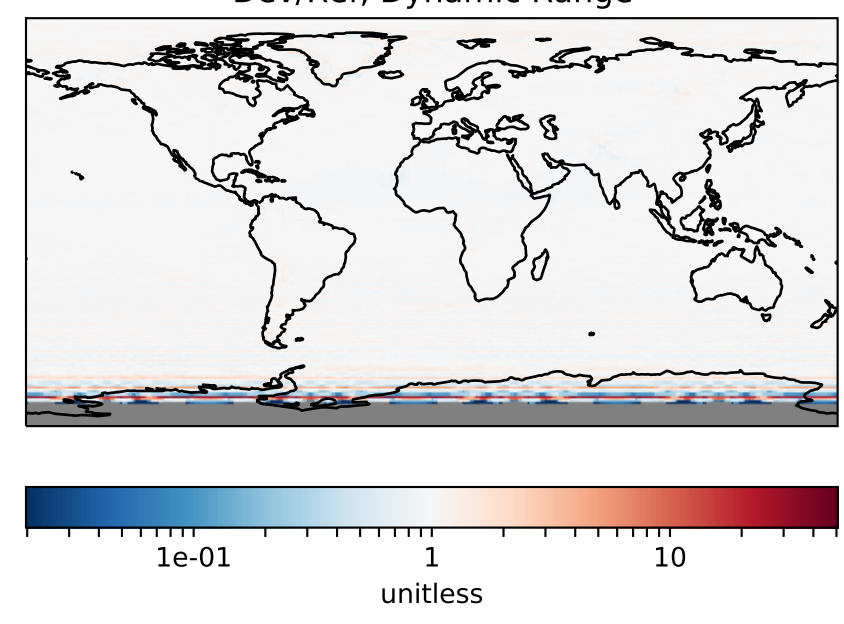
Difference (1x1.25)
Dev - Ref, Dynamic Range



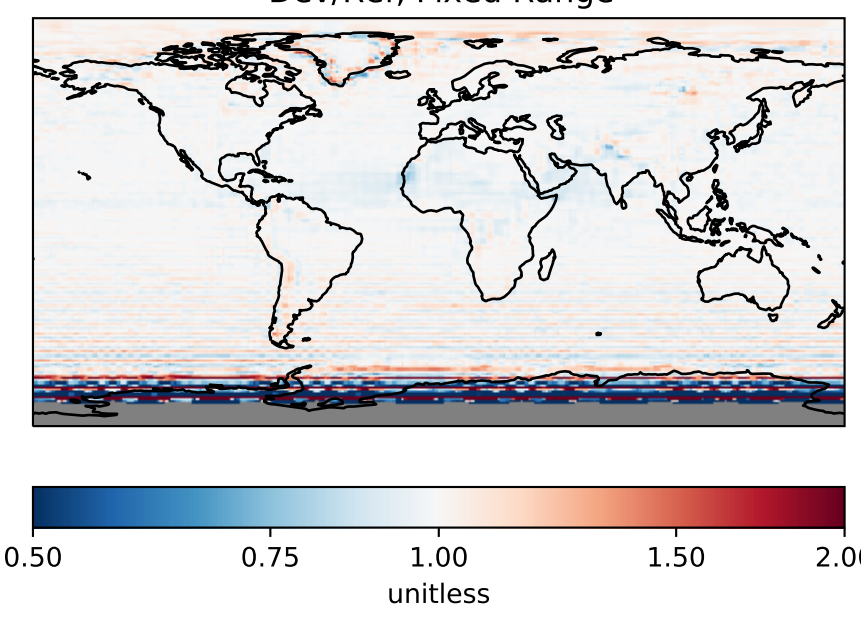
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

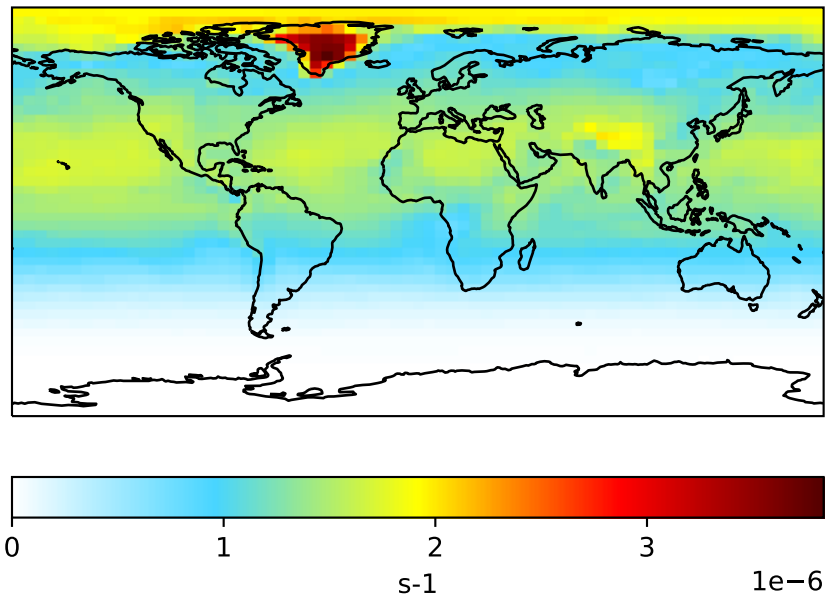


Ratio (1x1.25)
Dev/Ref, Fixed Range

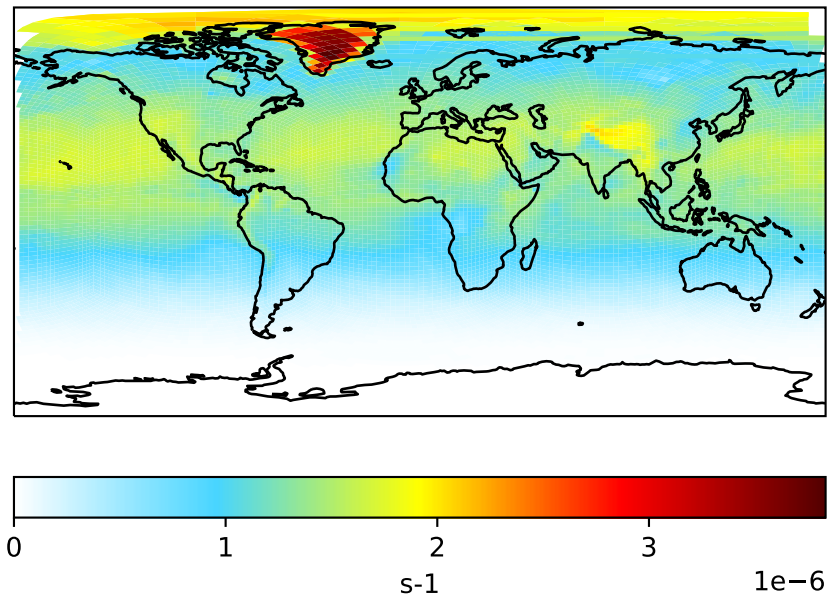


Jval_IDN

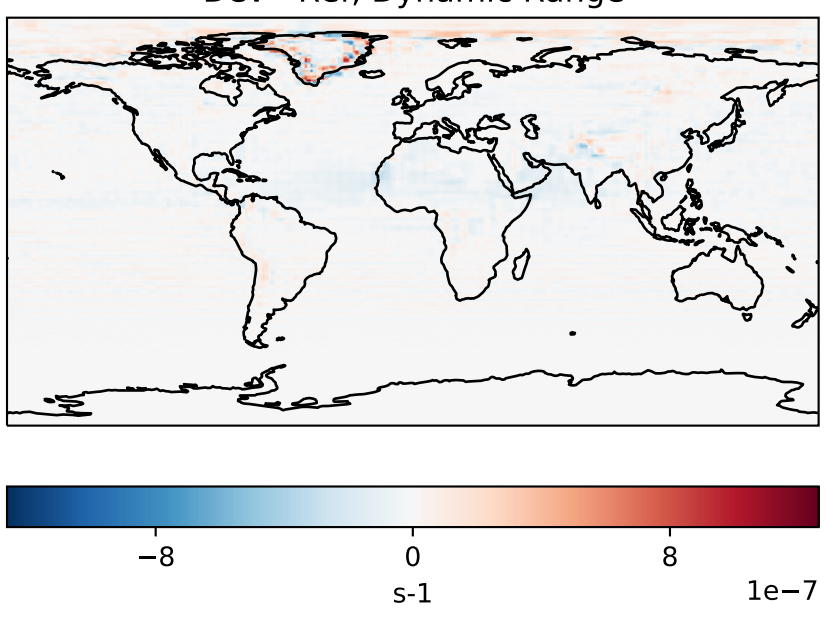
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



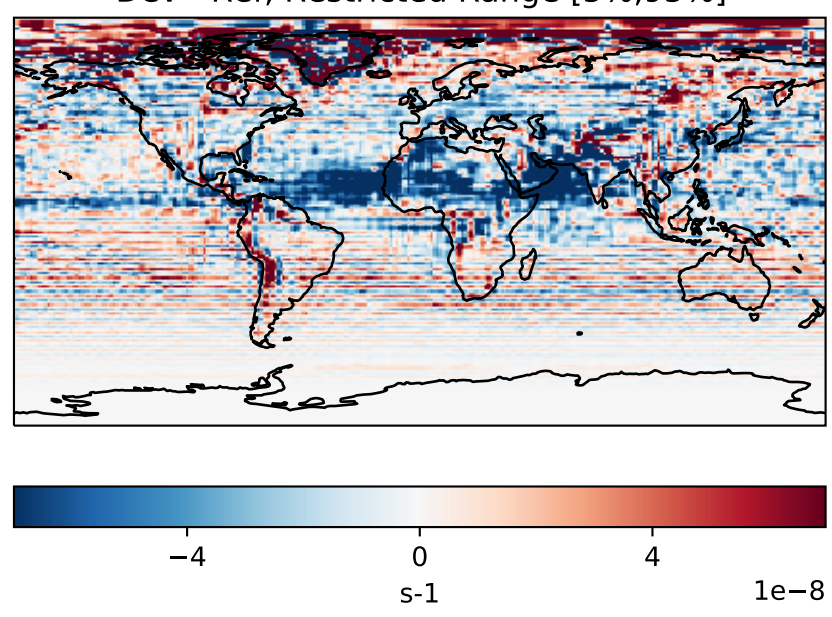
GCHP_13.1.0-beta.1 (Dev)
c48



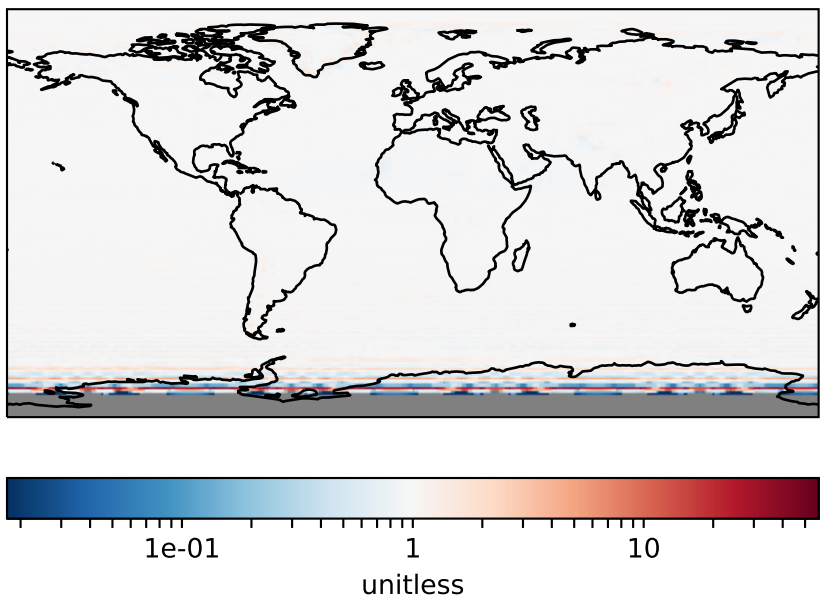
Difference (1x1.25)
Dev - Ref, Dynamic Range



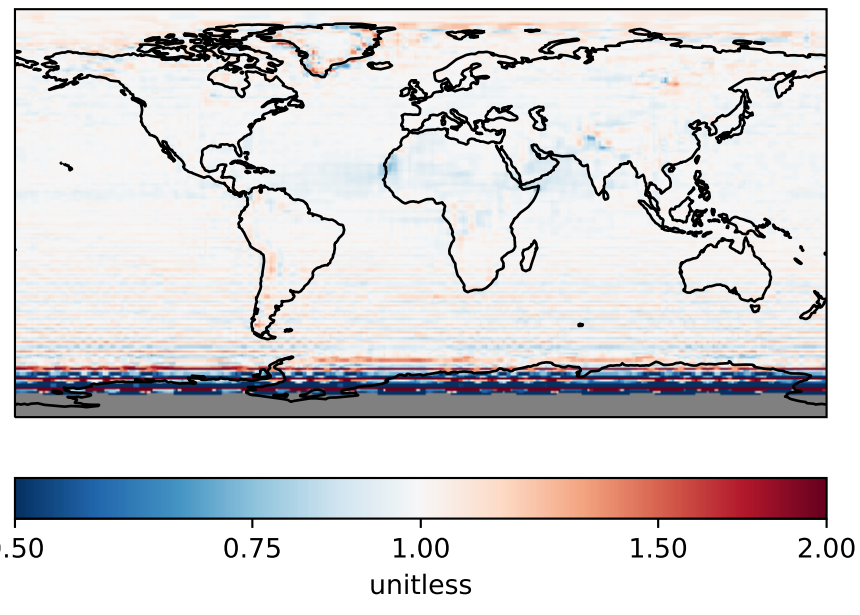
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

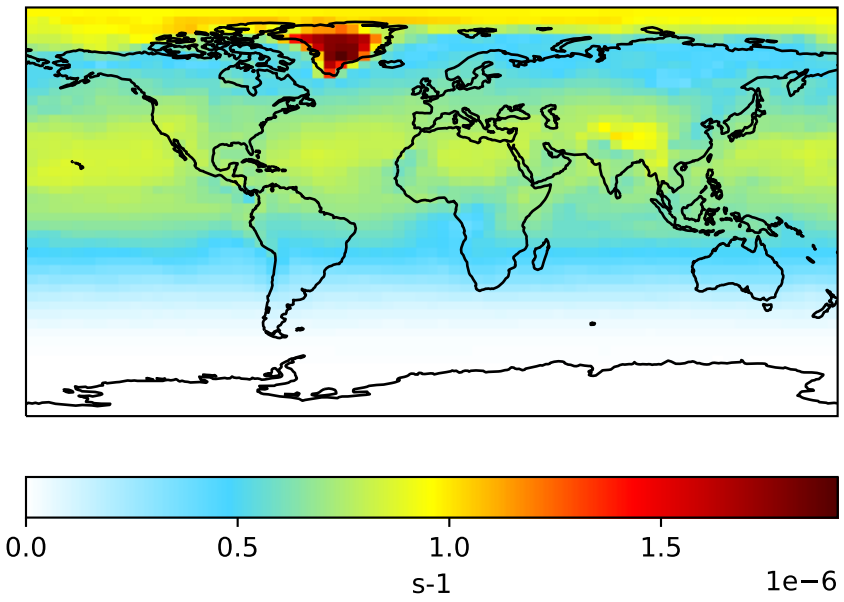


Ratio (1x1.25)
Dev/Ref, Fixed Range

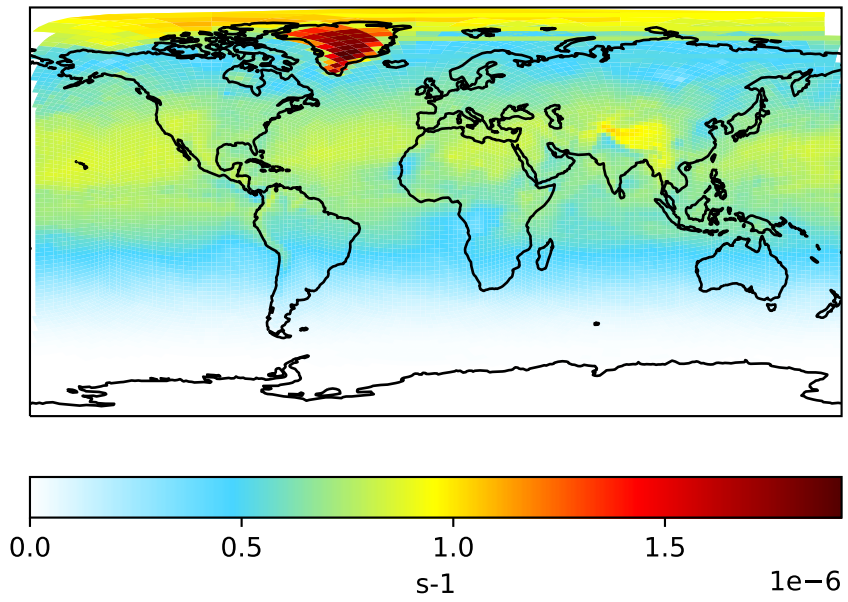


Jval_IHN1

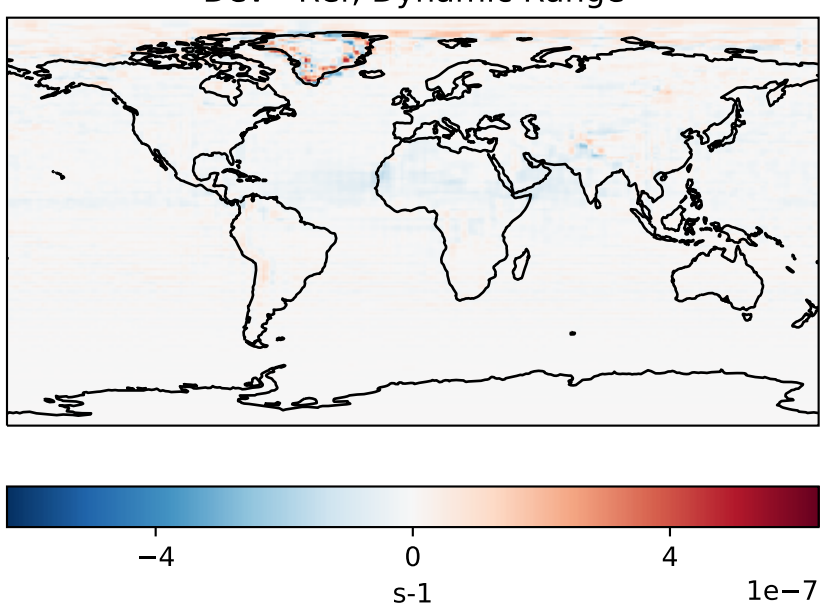
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



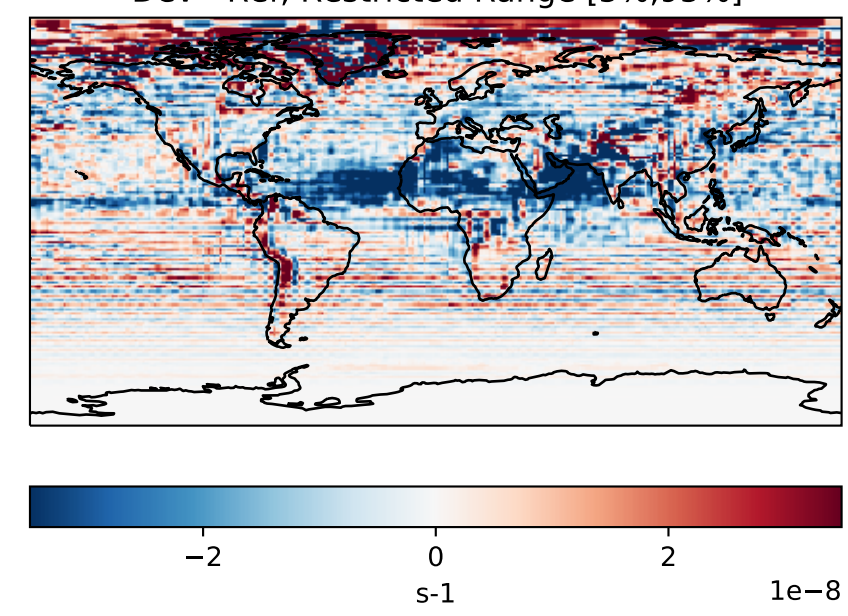
GCHP_13.1.0-beta.1 (Dev)
c48



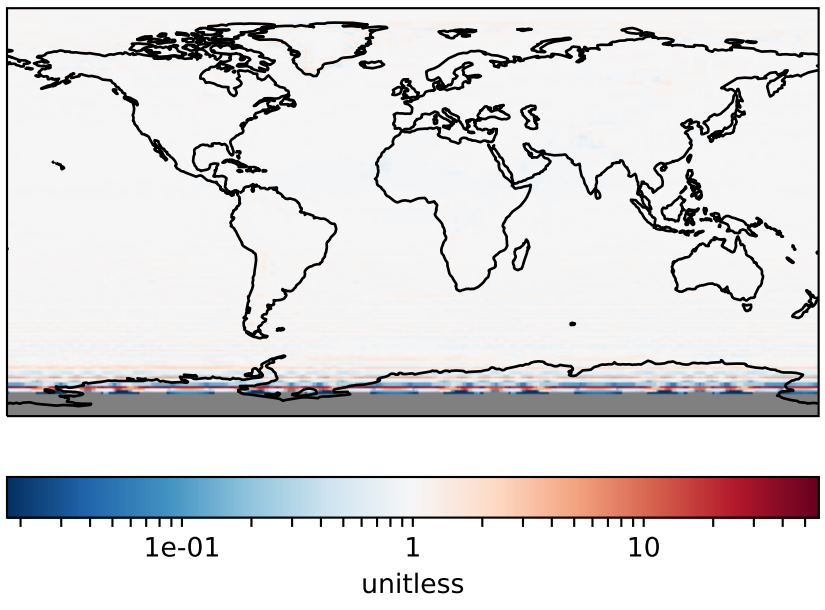
Difference (1x1.25)
Dev - Ref, Dynamic Range



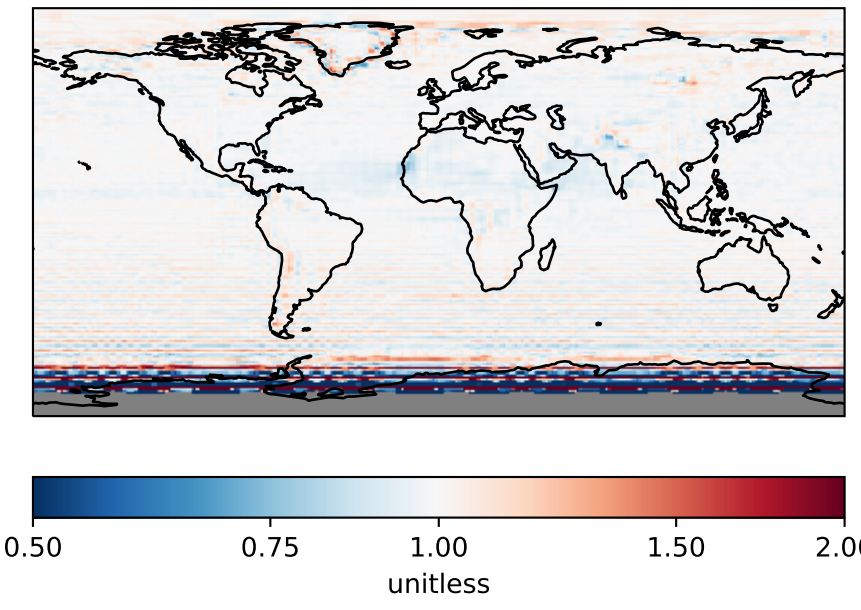
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

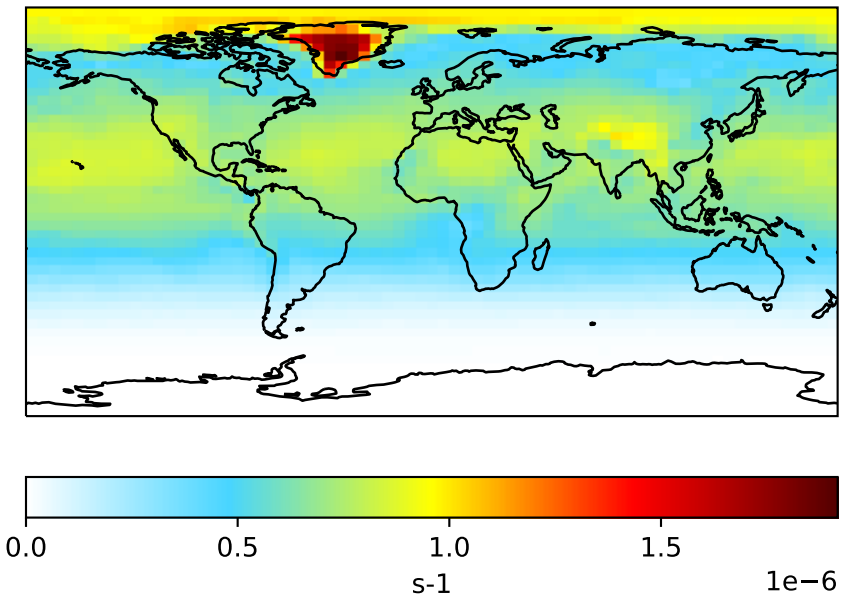


Ratio (1x1.25)
Dev/Ref, Fixed Range

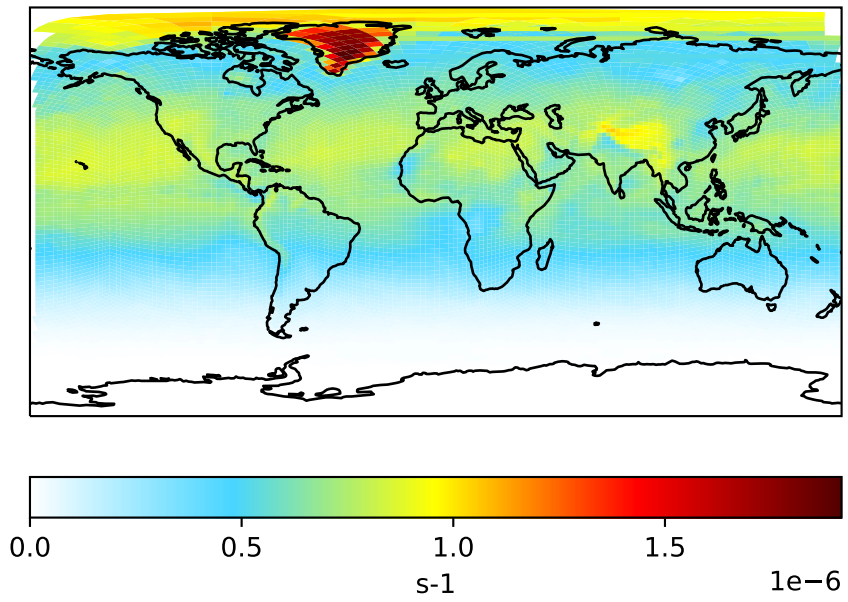


Jval_IHN2

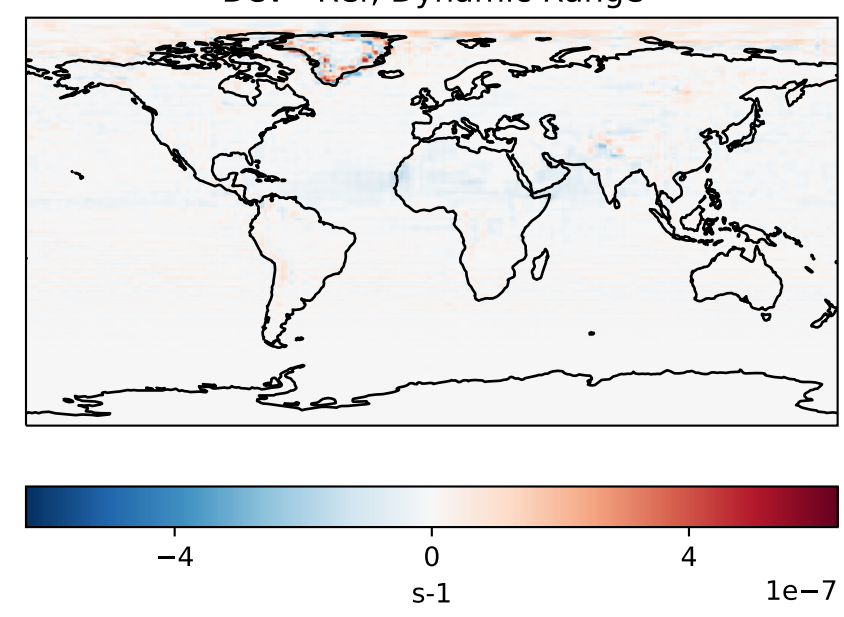
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



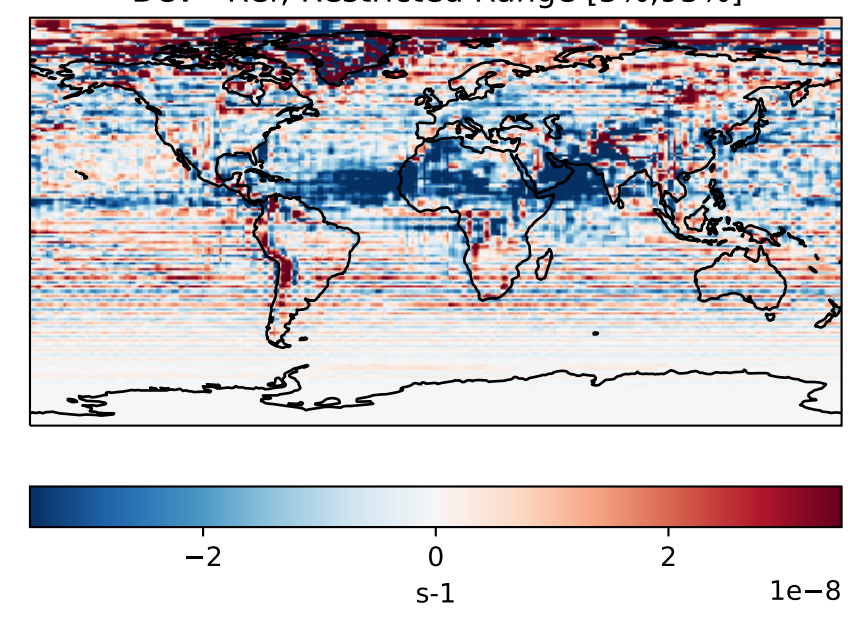
GCHP_13.1.0-beta.1 (Dev)
c48



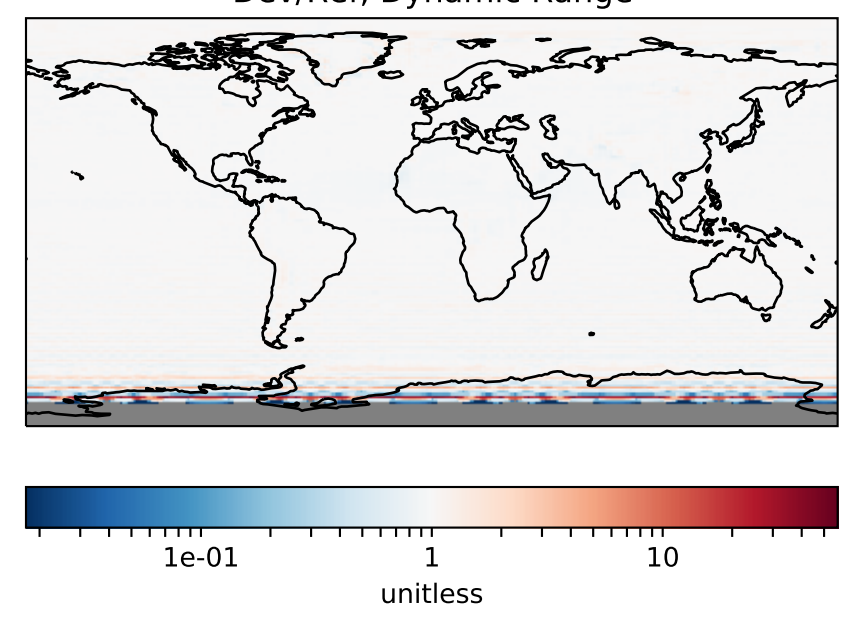
Difference (1x1.25)
Dev - Ref, Dynamic Range



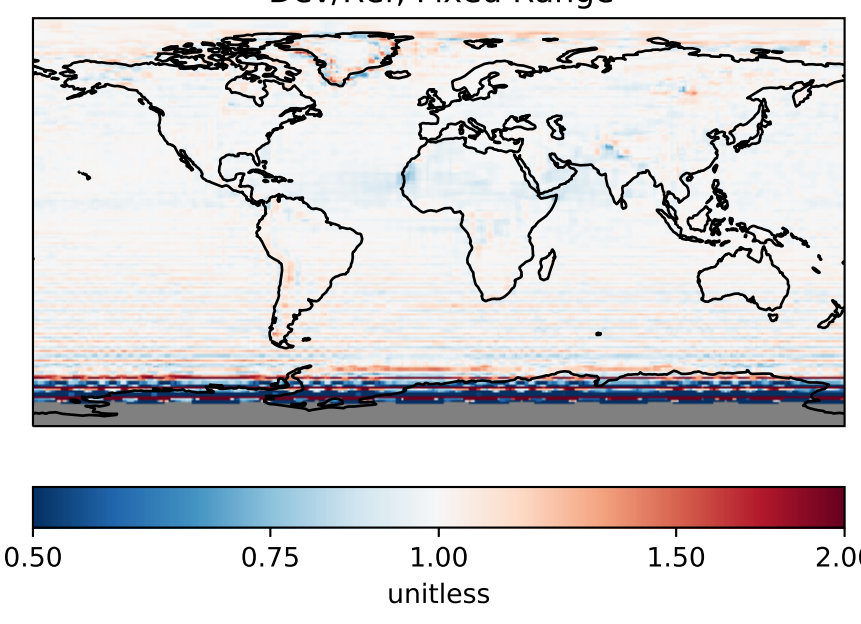
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

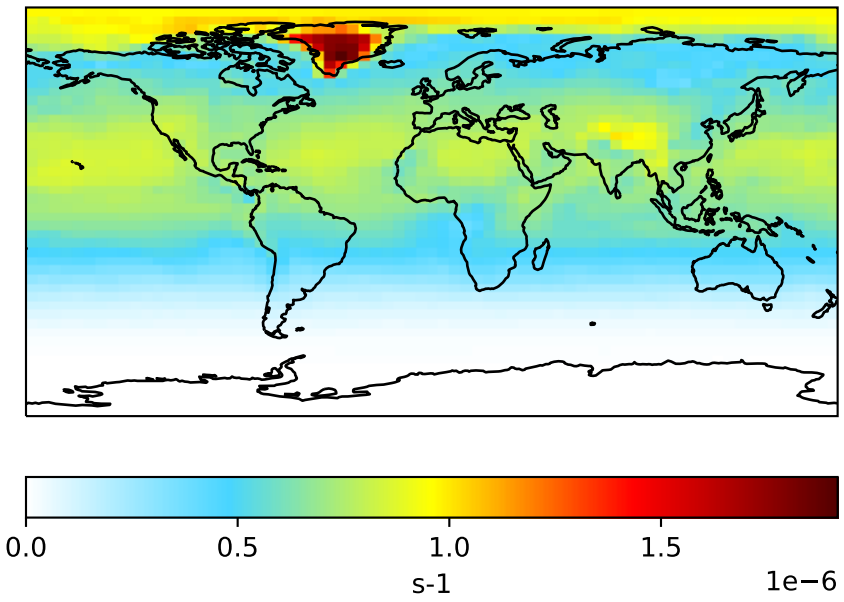


Ratio (1x1.25)
Dev/Ref, Fixed Range

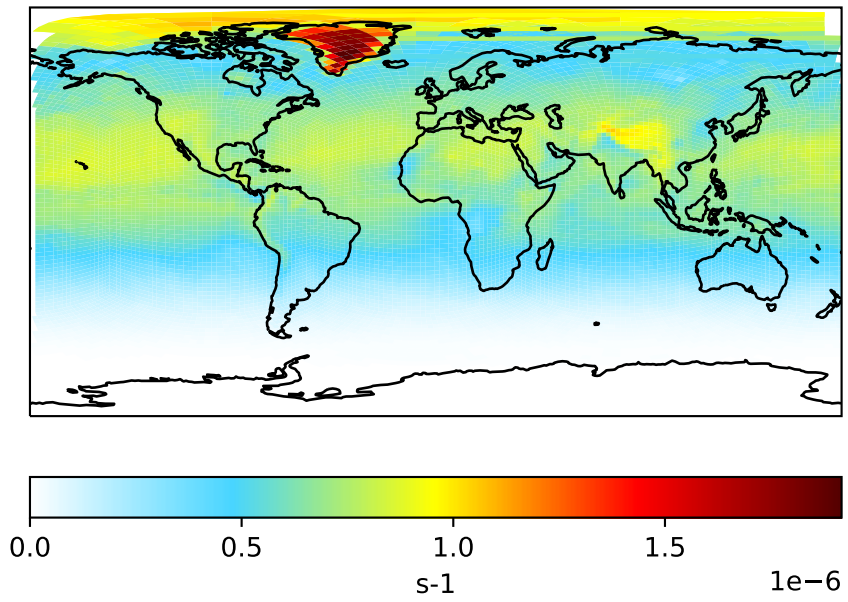


Jval_IHN3

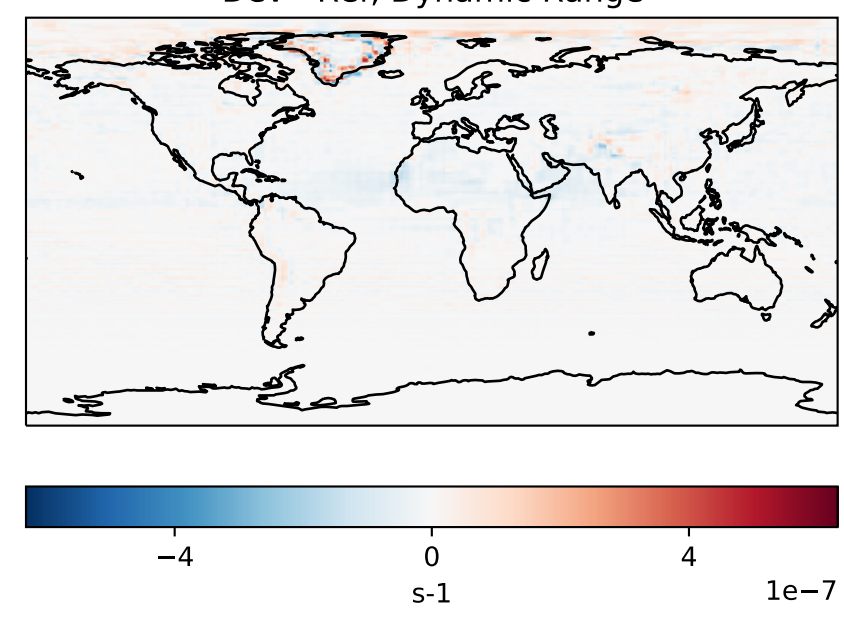
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



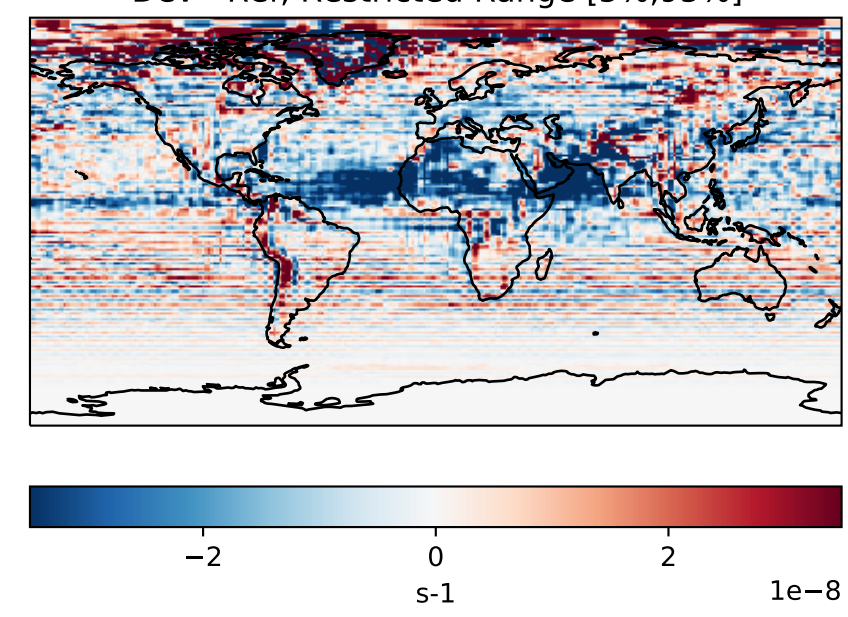
GCHP_13.1.0-beta.1 (Dev)
c48



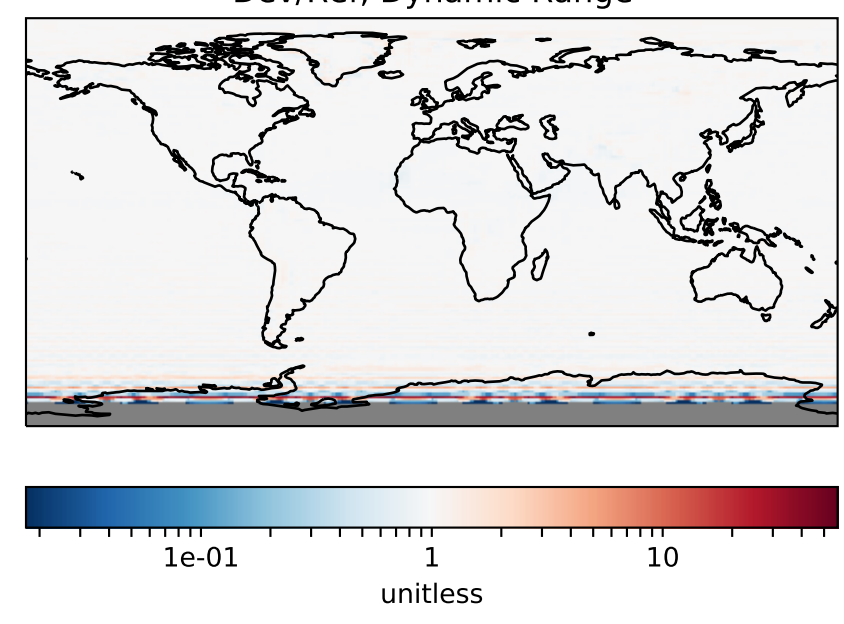
Difference (1x1.25)
Dev - Ref, Dynamic Range



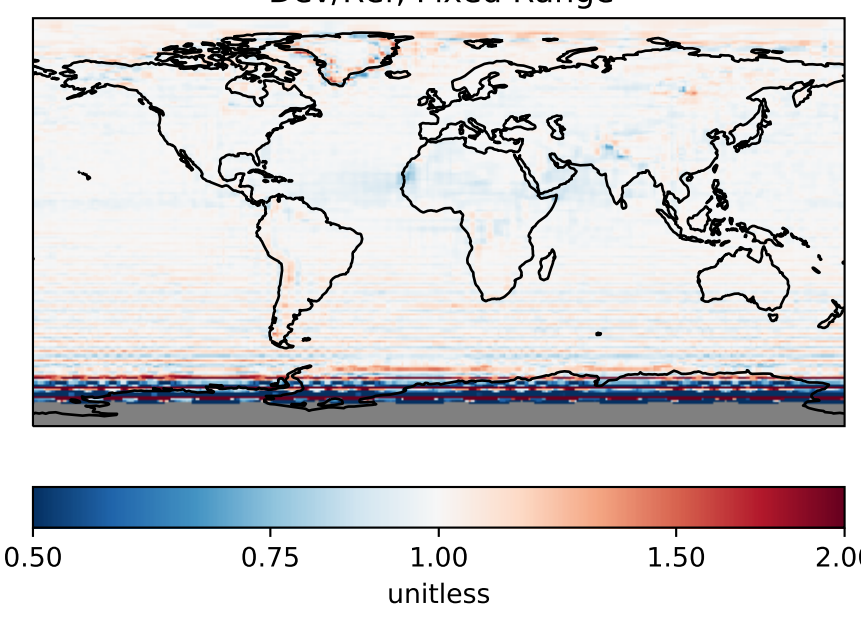
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

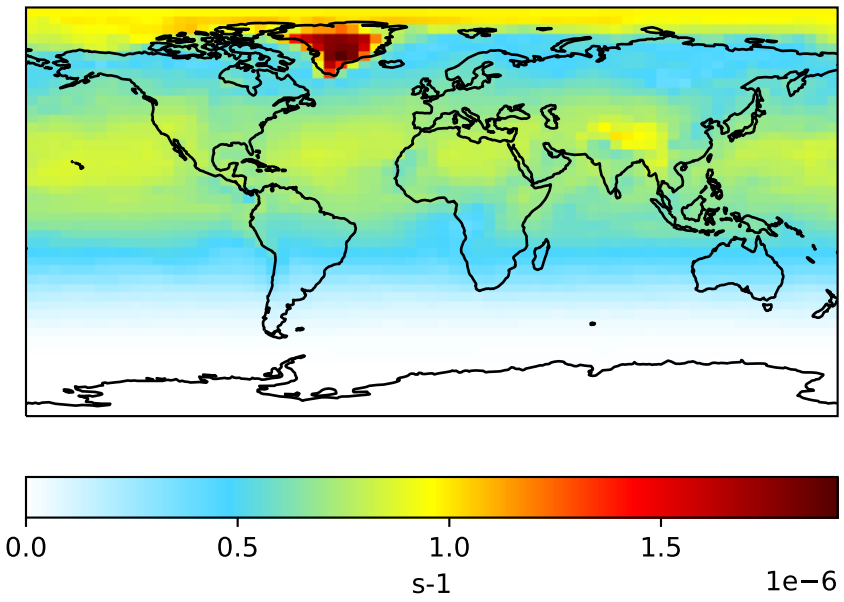


Ratio (1x1.25)
Dev/Ref, Fixed Range

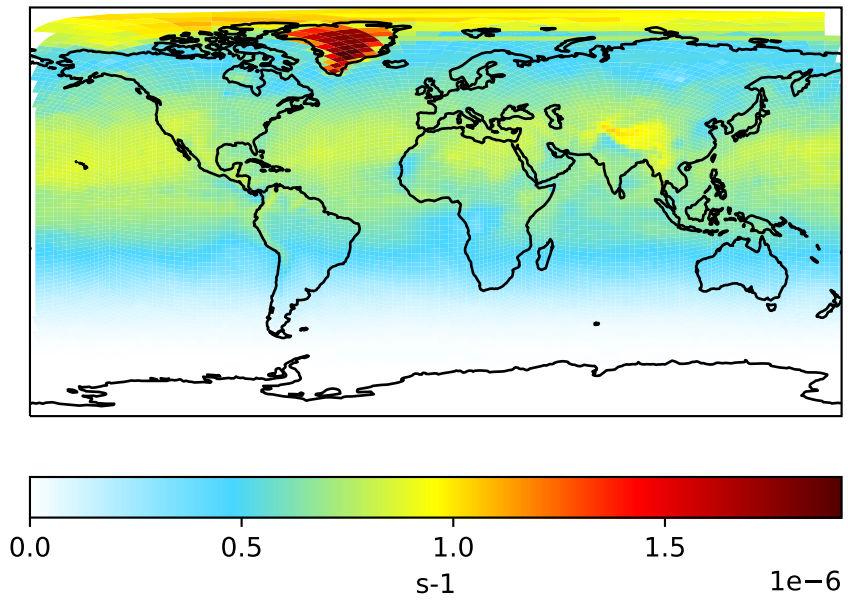


Jval_IHN4

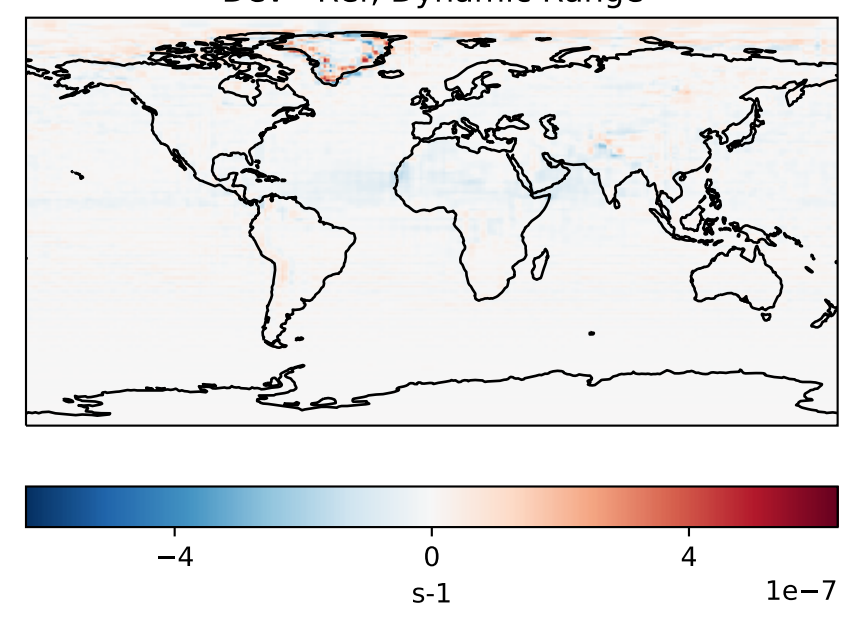
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



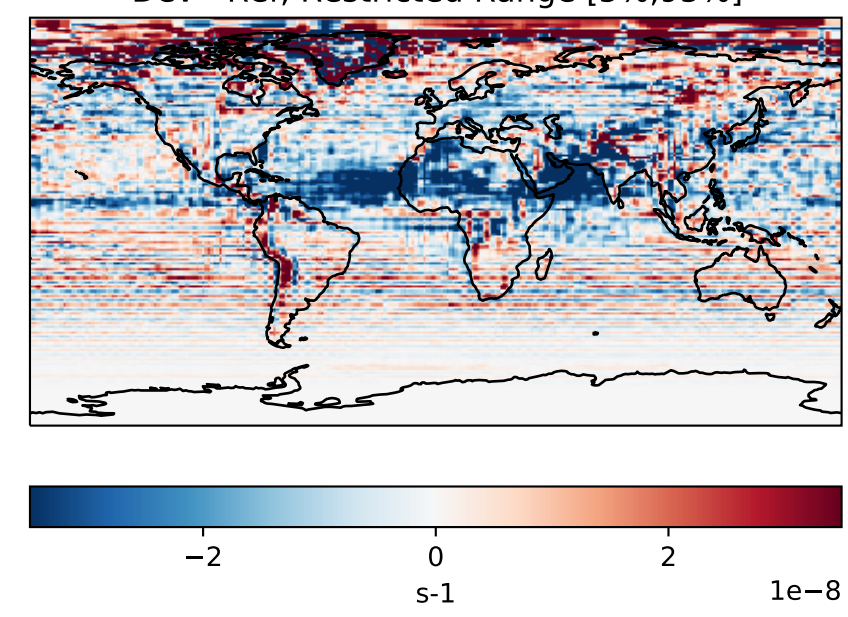
GCHP_13.1.0-beta.1 (Dev)
c48



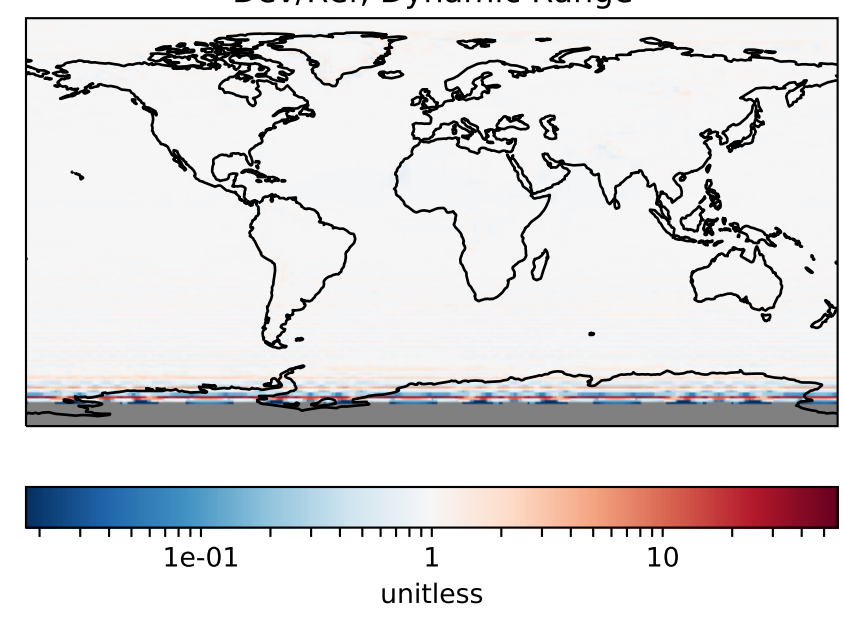
Difference (1x1.25)
Dev - Ref, Dynamic Range



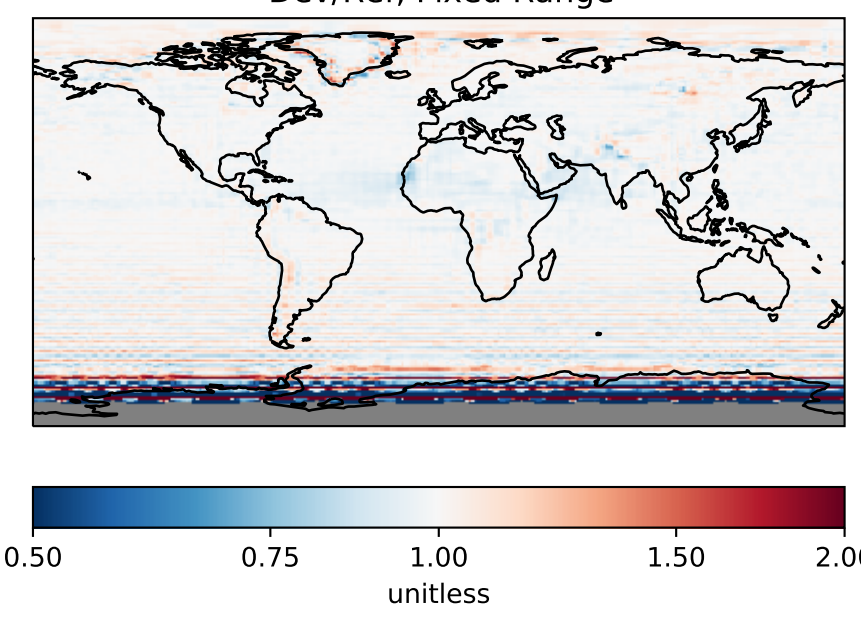
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

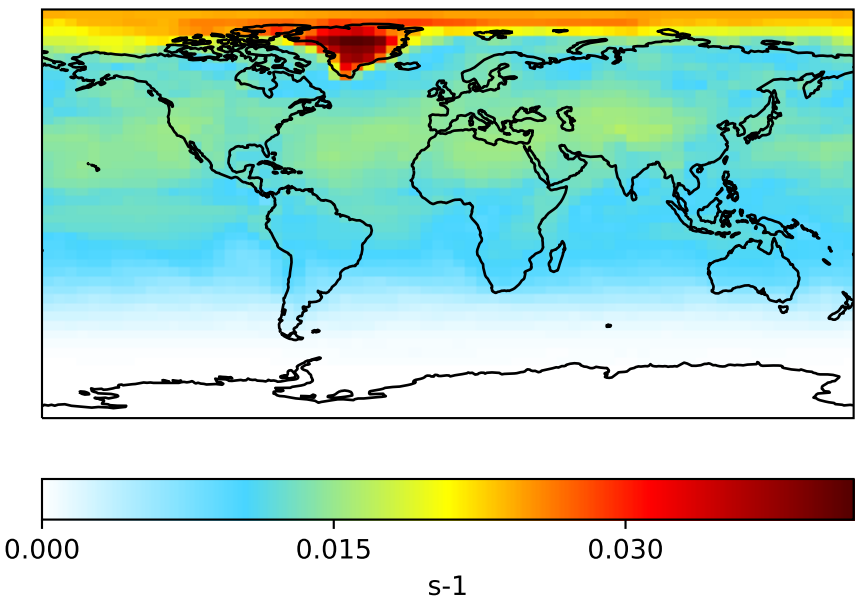


Ratio (1x1.25)
Dev/Ref, Fixed Range

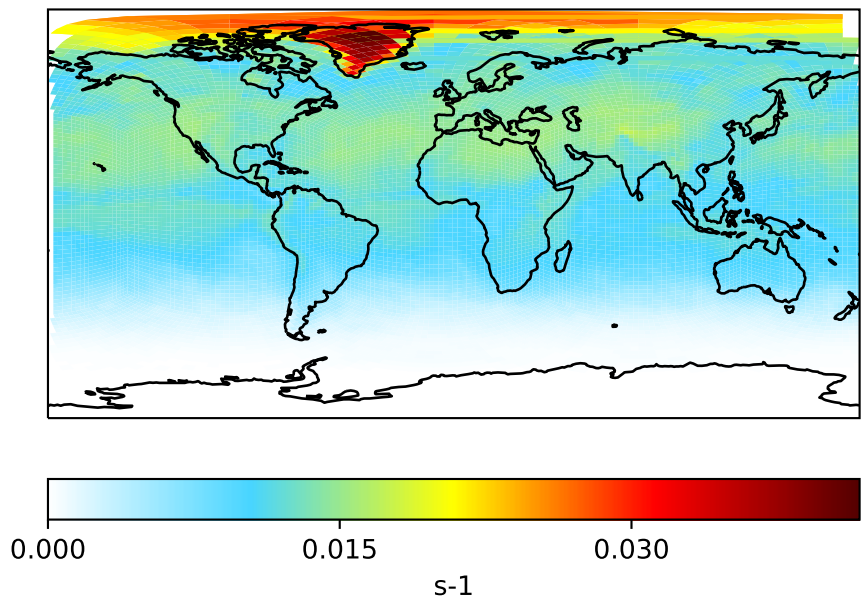


Jval_INO

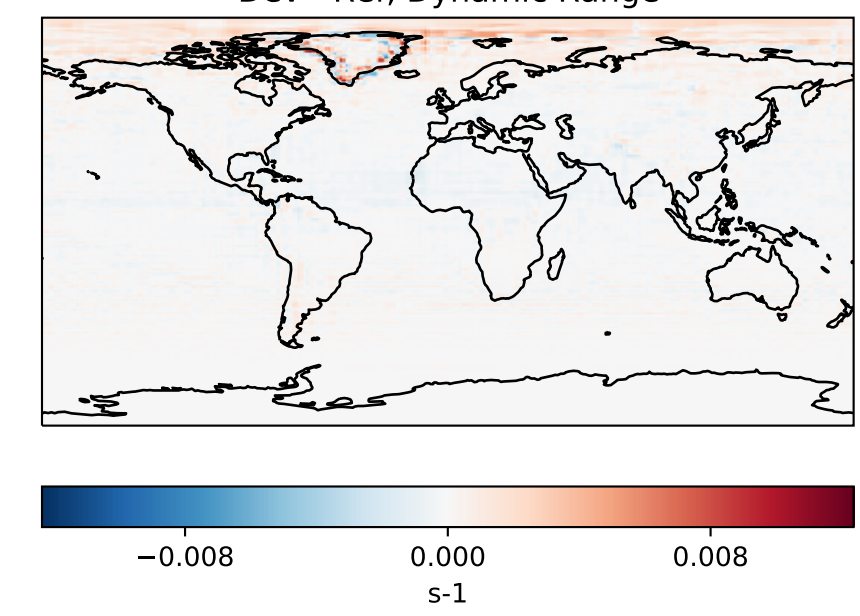
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



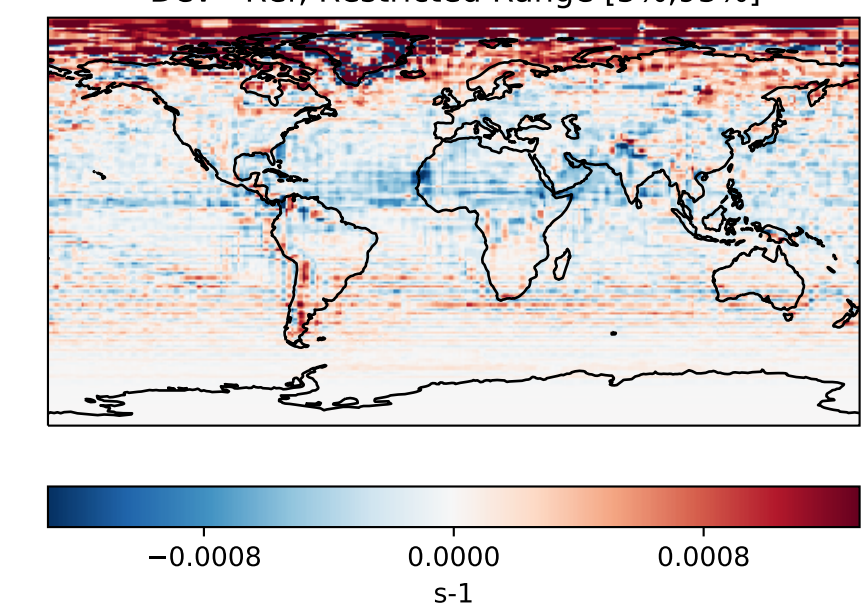
GCHP_13.1.0-beta.1 (Dev)
c48



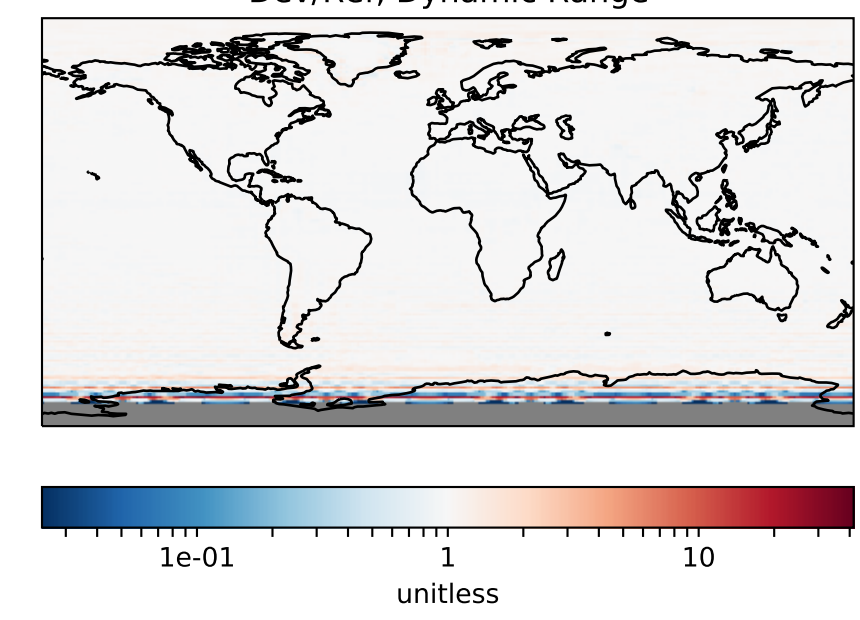
Difference (1x1.25)
Dev - Ref, Dynamic Range



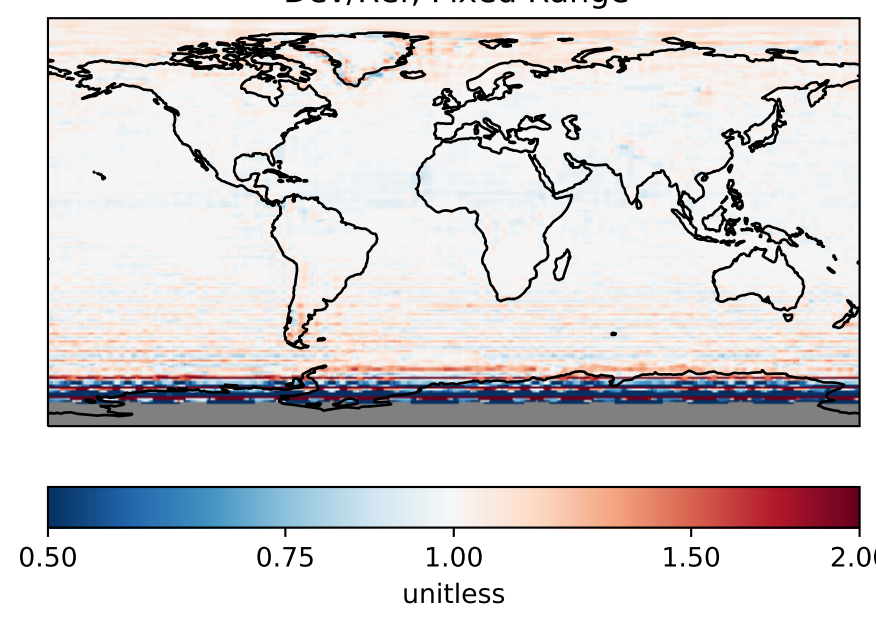
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

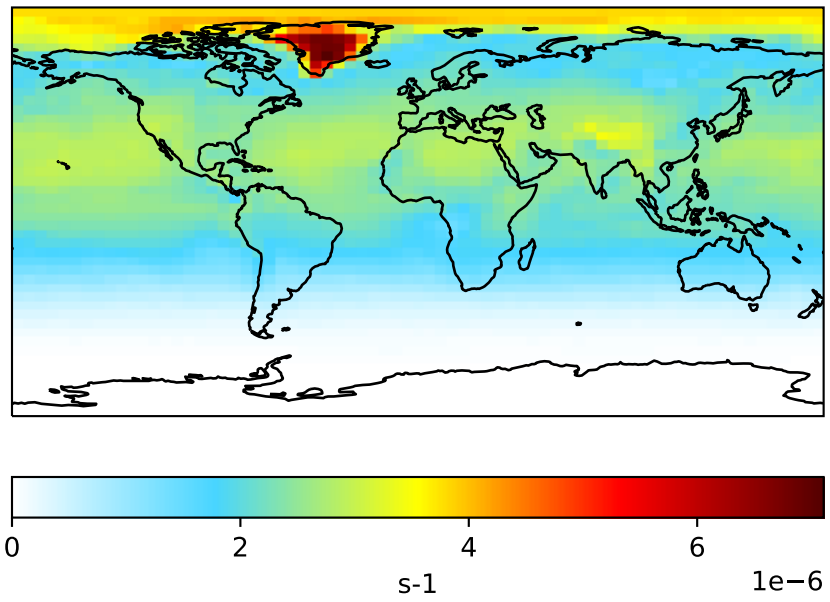


Ratio (1x1.25)
Dev/Ref, Fixed Range

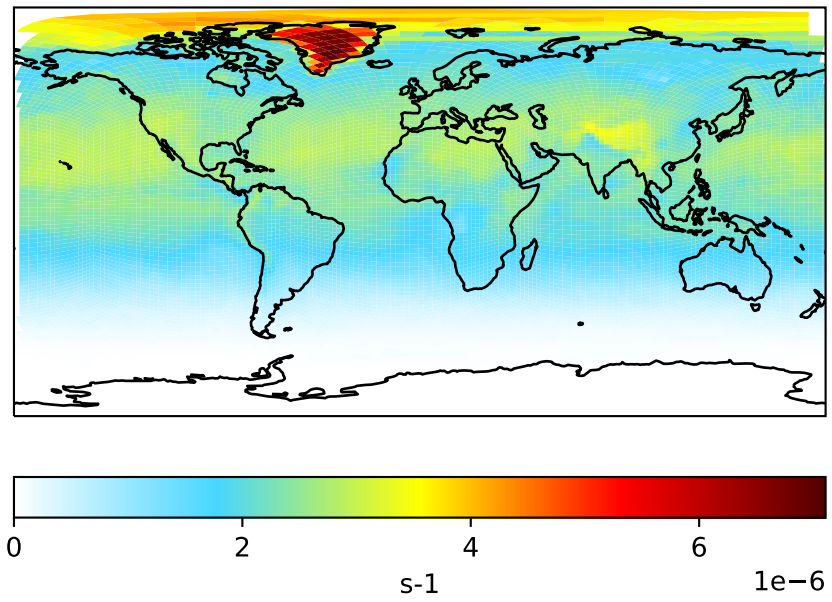


Jval_INPB

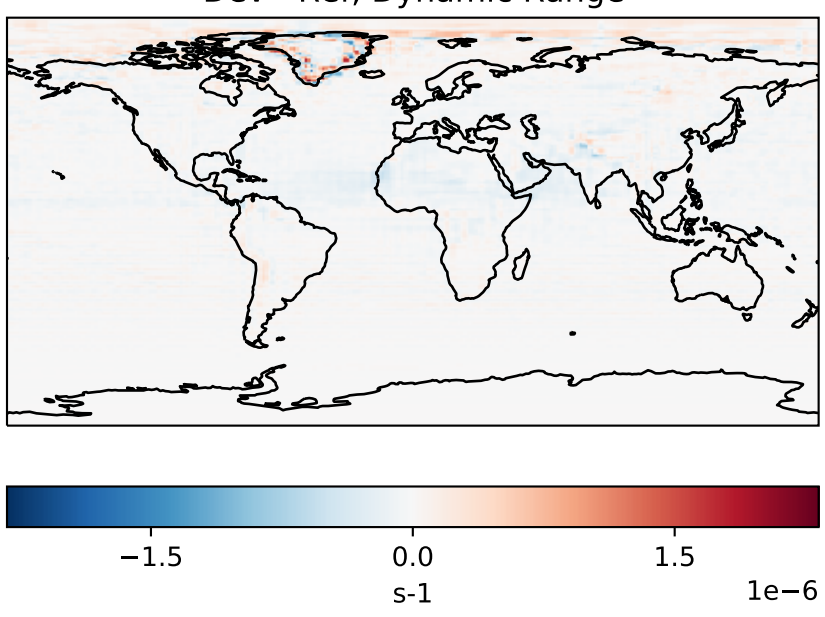
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



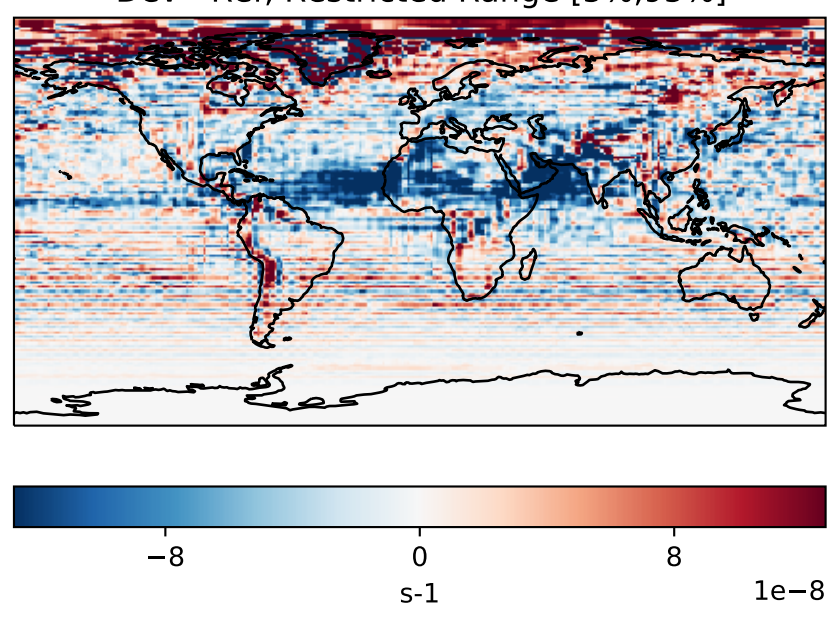
GCHP_13.1.0-beta.1 (Dev)
c48



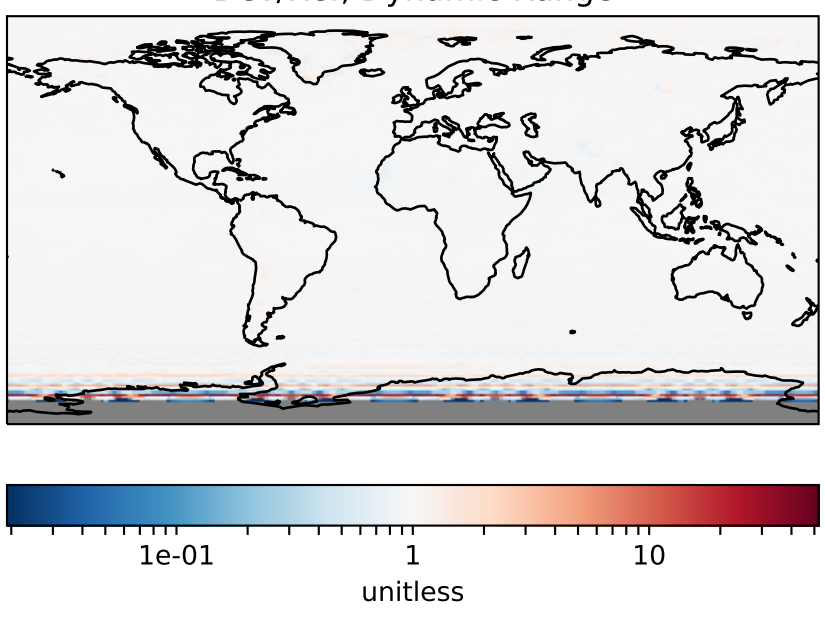
Difference (1x1.25)
Dev - Ref, Dynamic Range



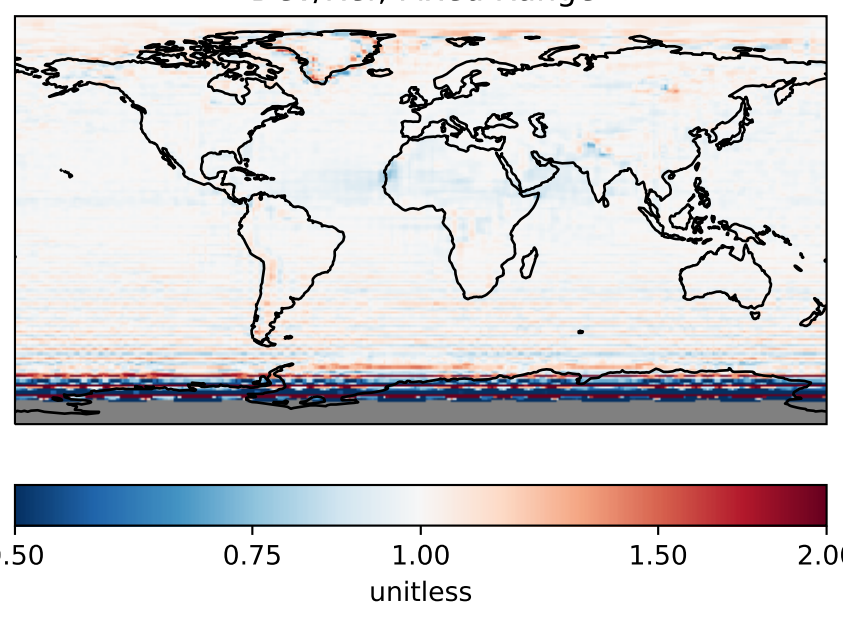
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

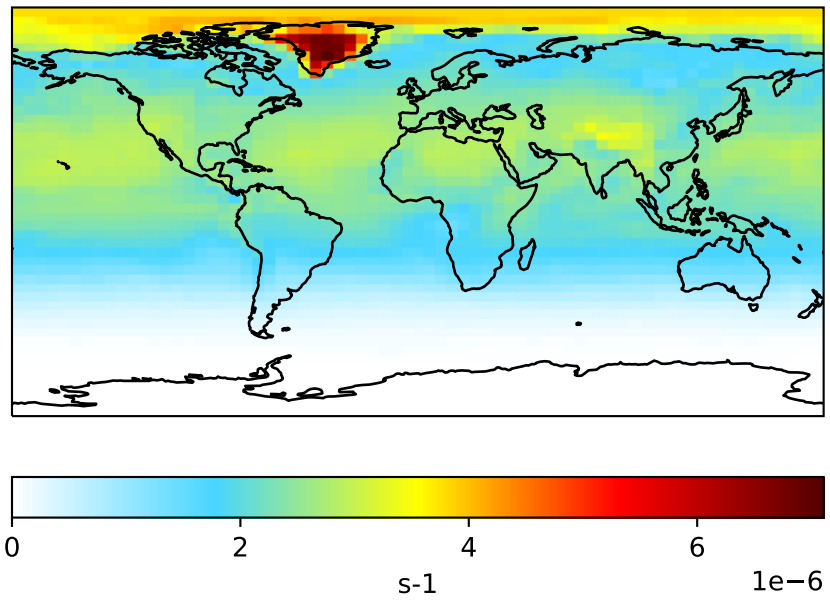


Ratio (1x1.25)
Dev/Ref, Fixed Range

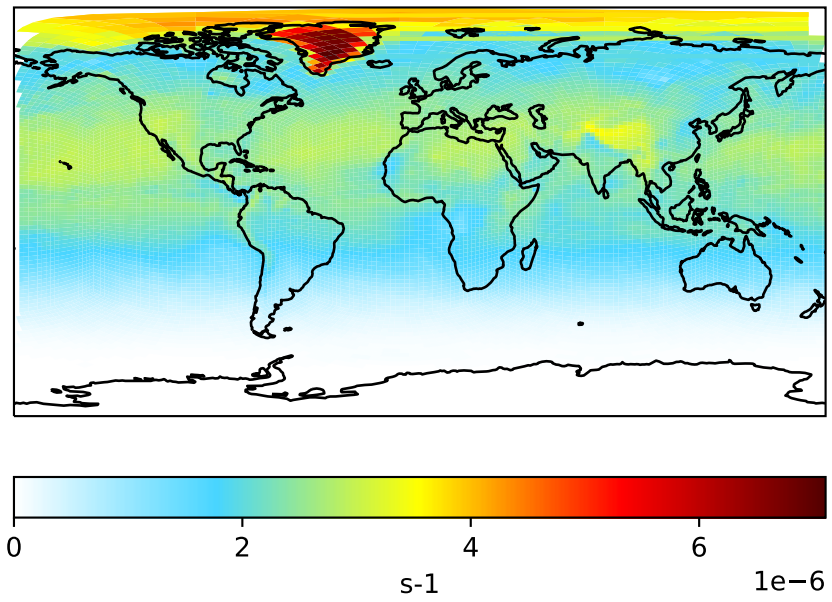


Jval_INPD

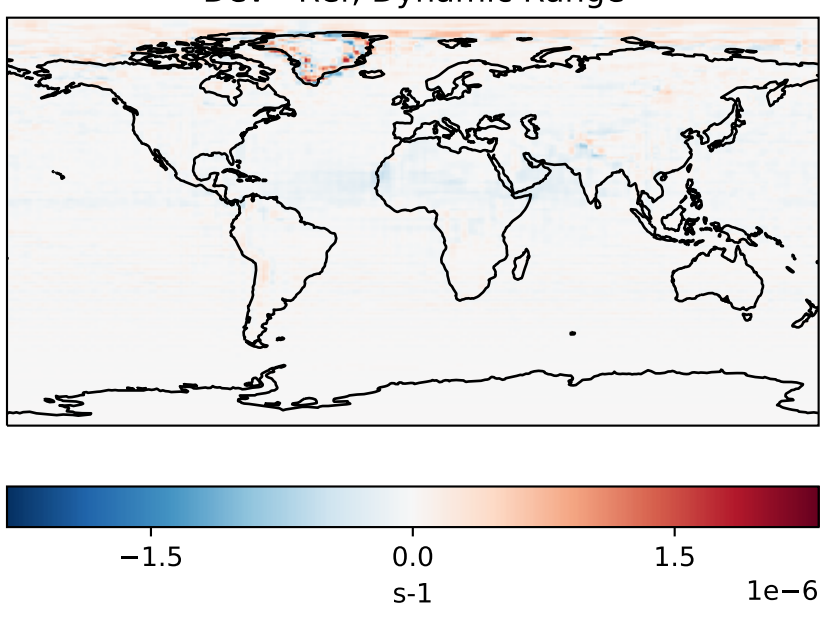
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



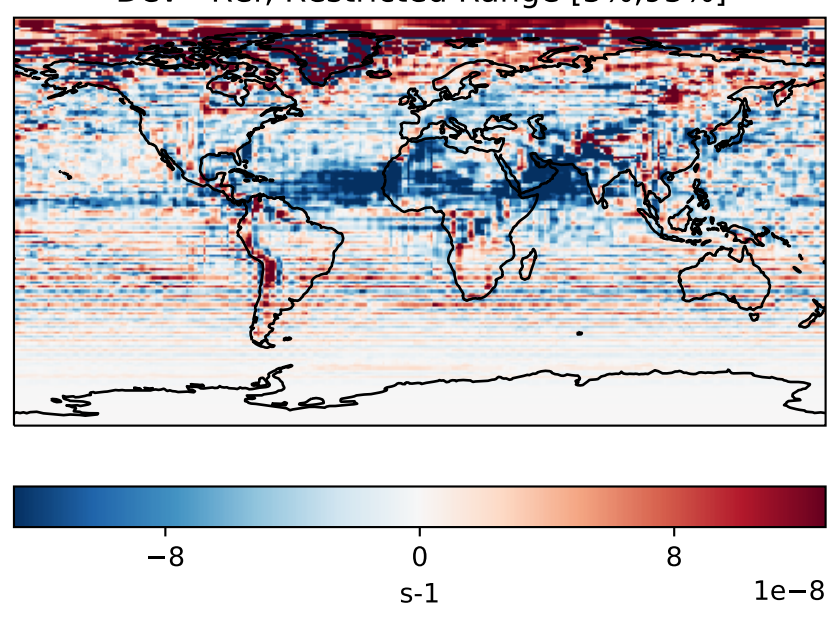
GCHP_13.1.0-beta.1 (Dev)
c48



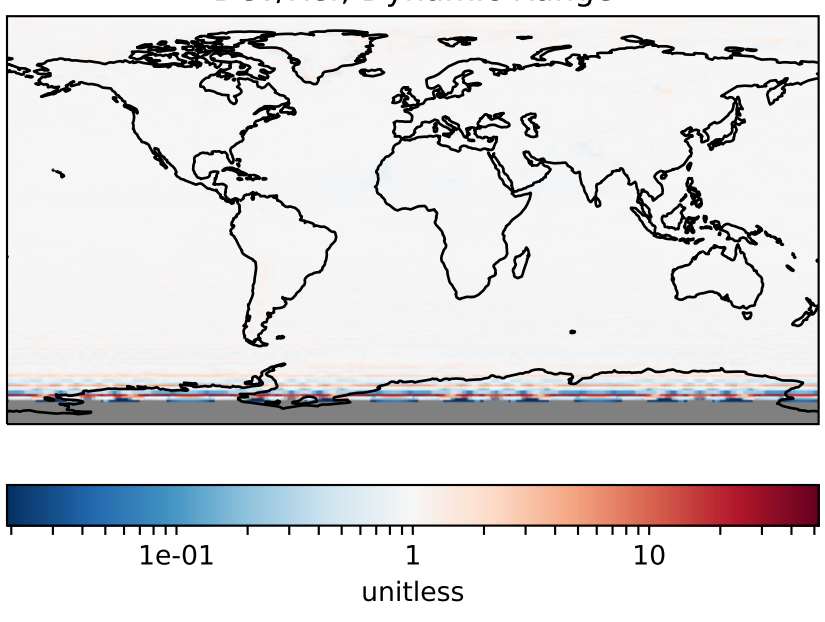
Difference (1x1.25)
Dev - Ref, Dynamic Range



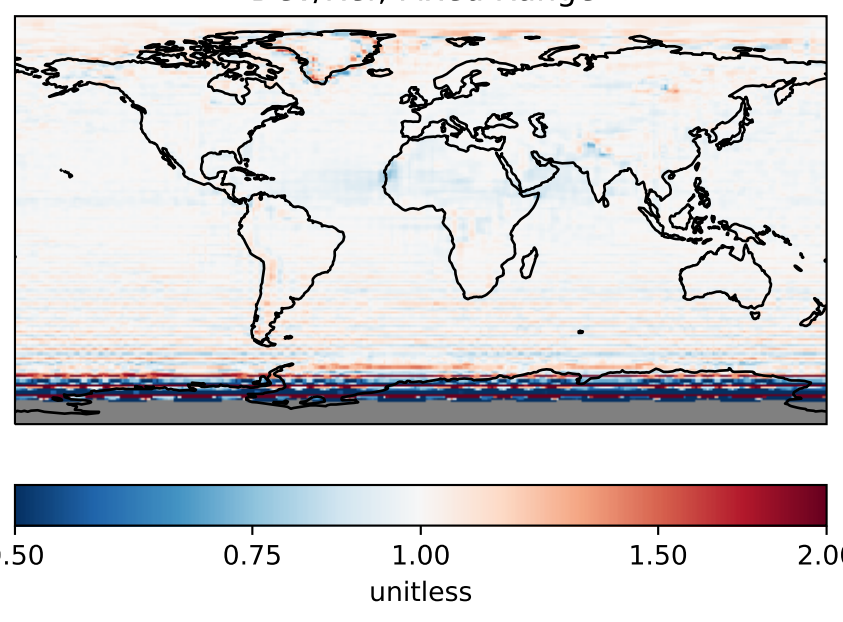
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

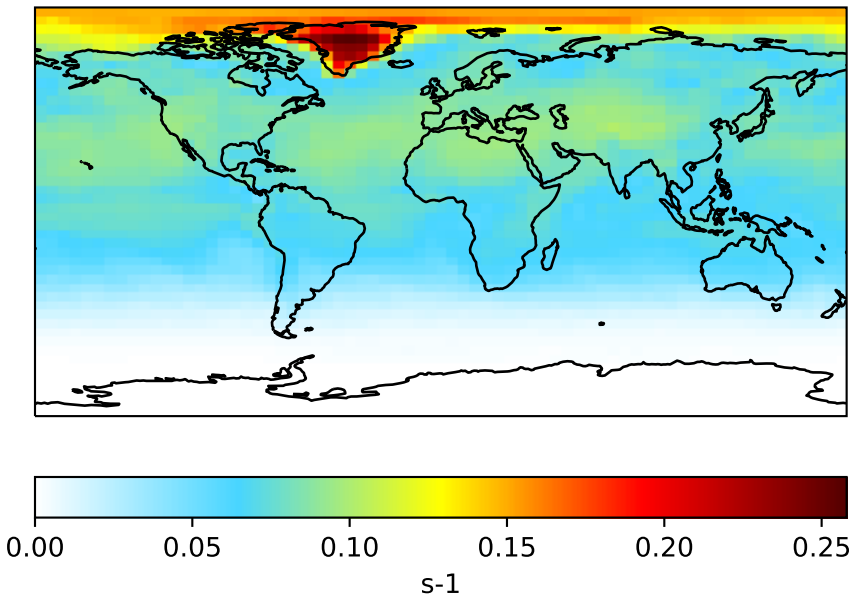


Ratio (1x1.25)
Dev/Ref, Fixed Range

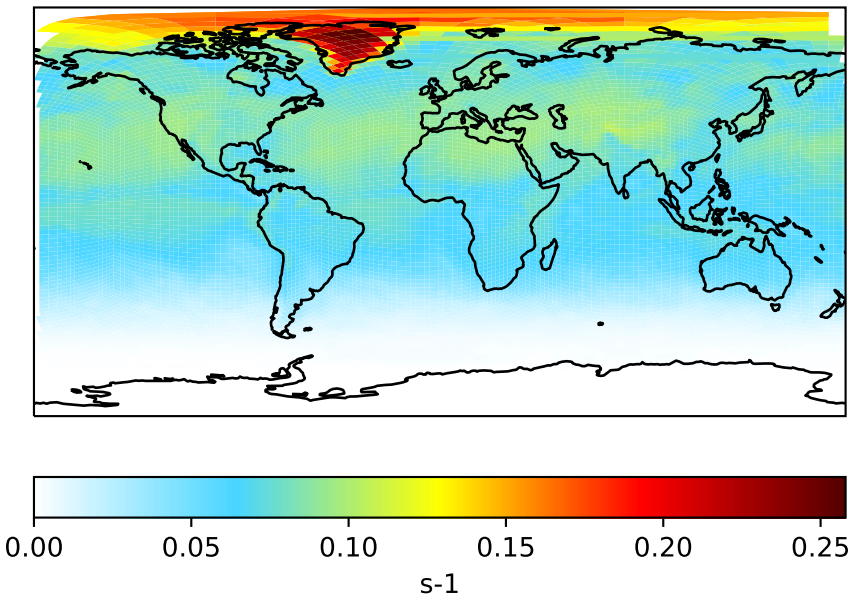


Jval_IO

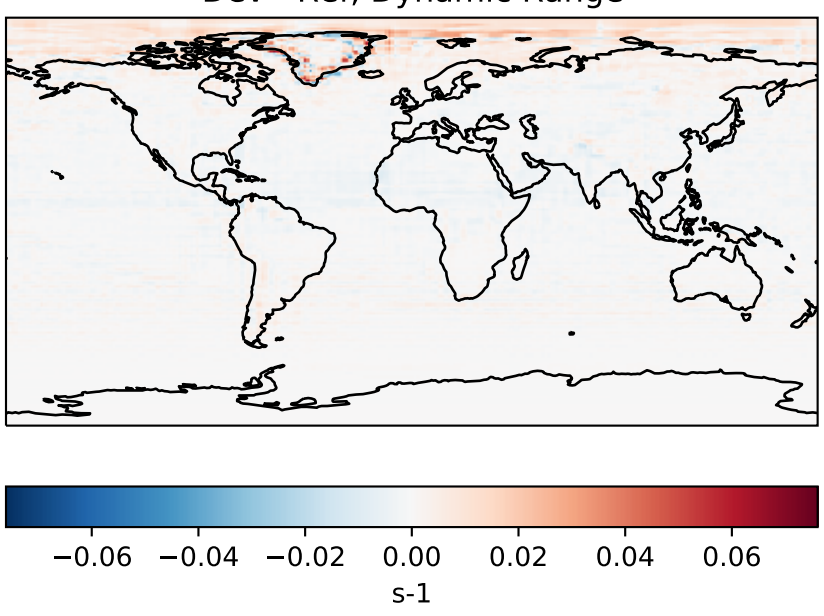
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



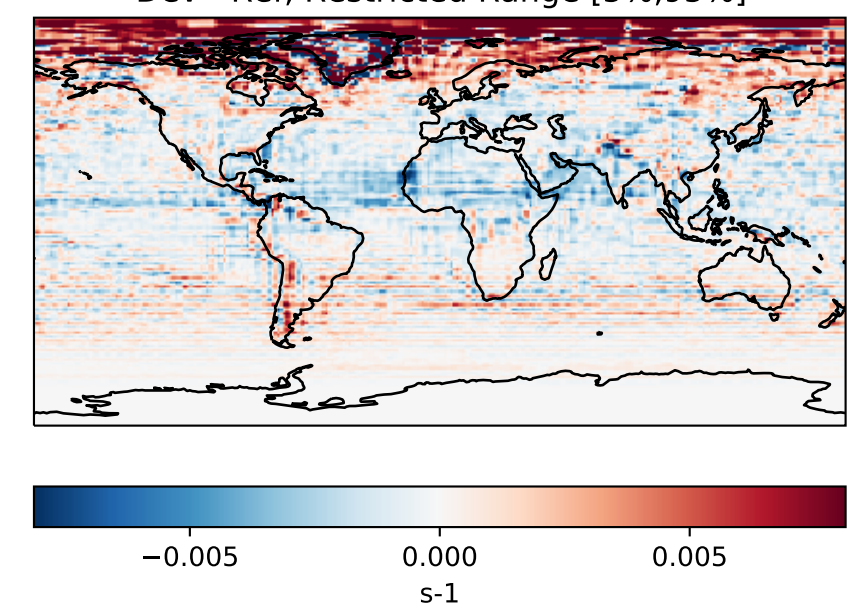
GCHP_13.1.0-beta.1 (Dev)
c48



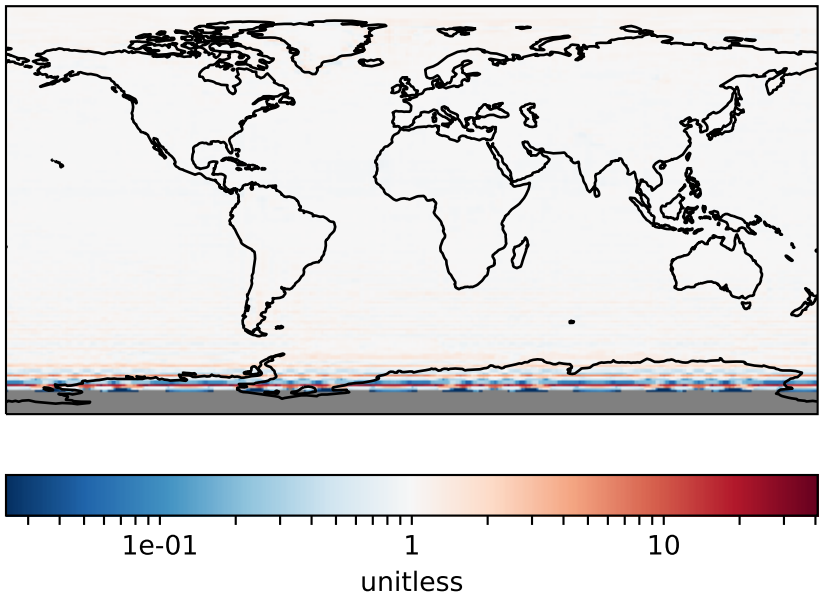
Difference (1x1.25)
Dev - Ref, Dynamic Range



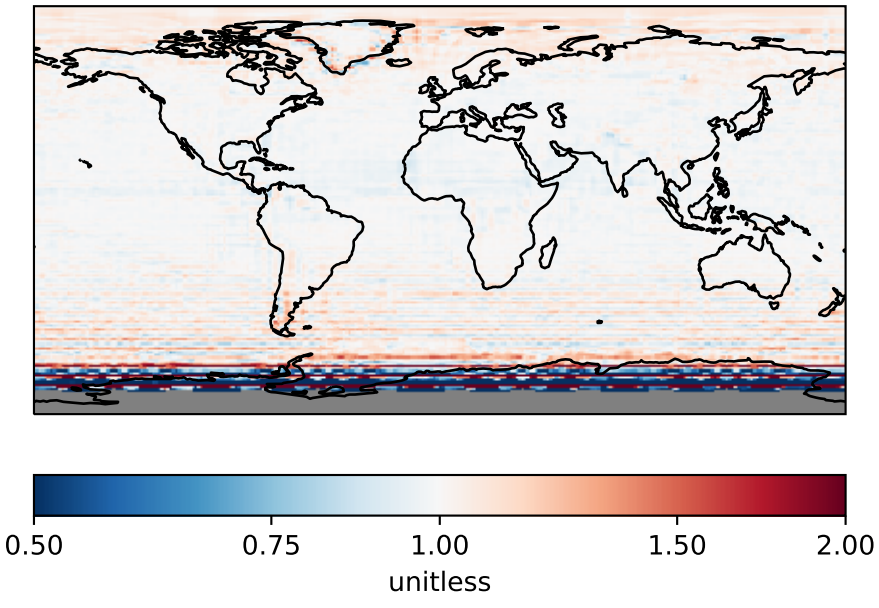
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

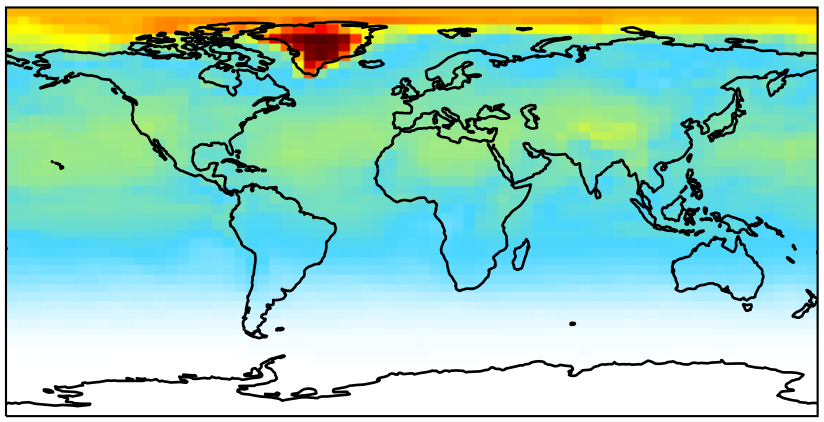


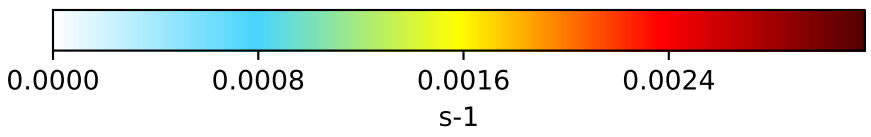
Ratio (1x1.25)
Dev/Ref, Fixed Range



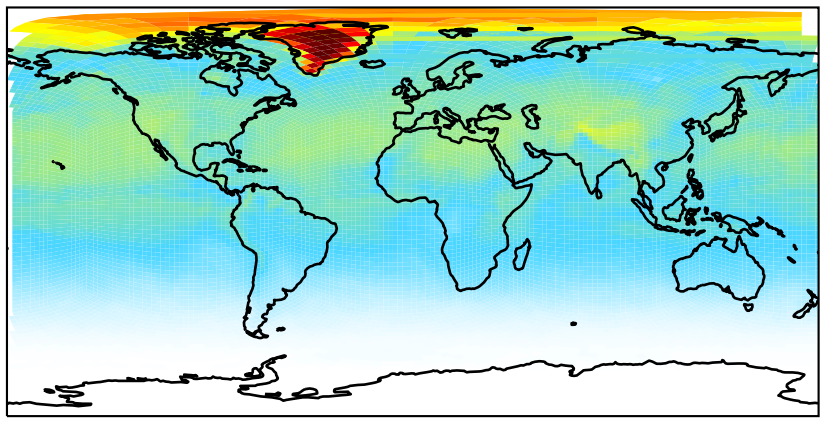
Jval_IONO

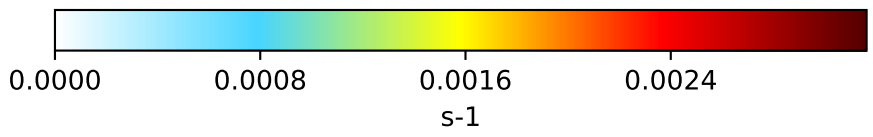
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



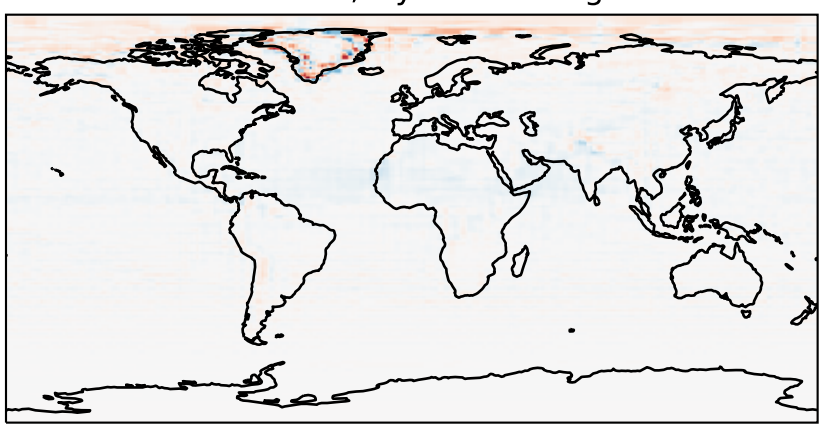


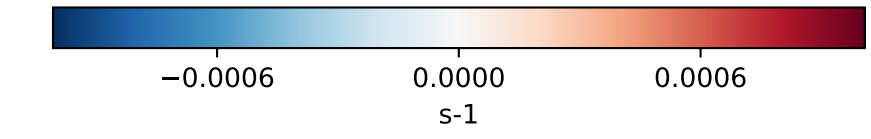
GCHP_13.1.0-beta.1 (Dev)
c48



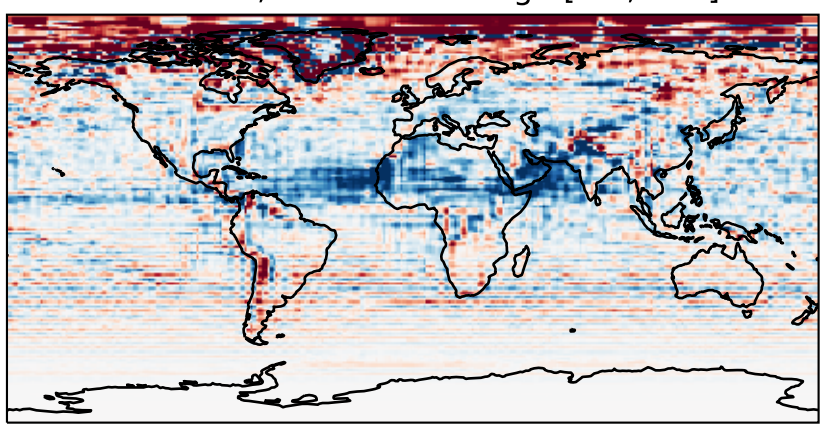


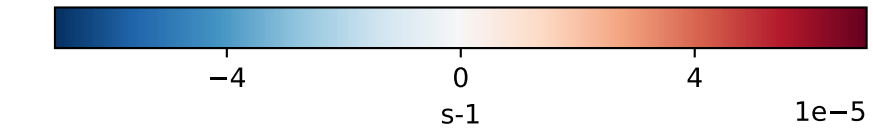
Difference (1x1.25)
Dev - Ref, Dynamic Range



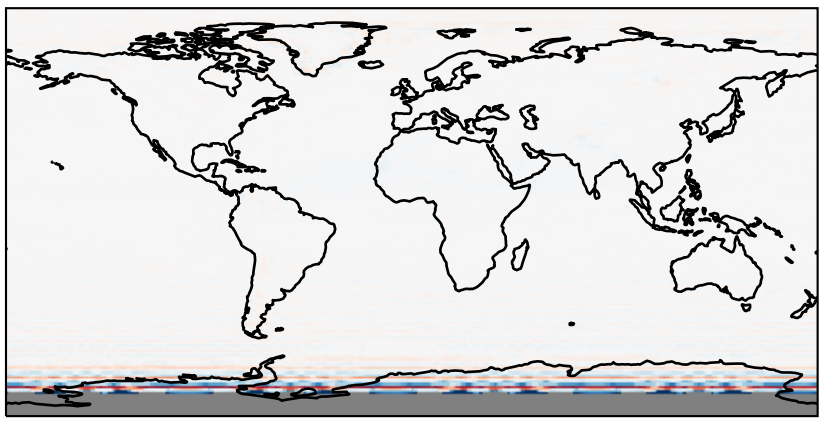


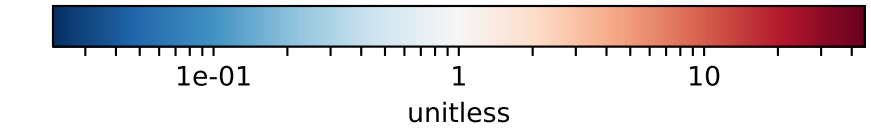
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



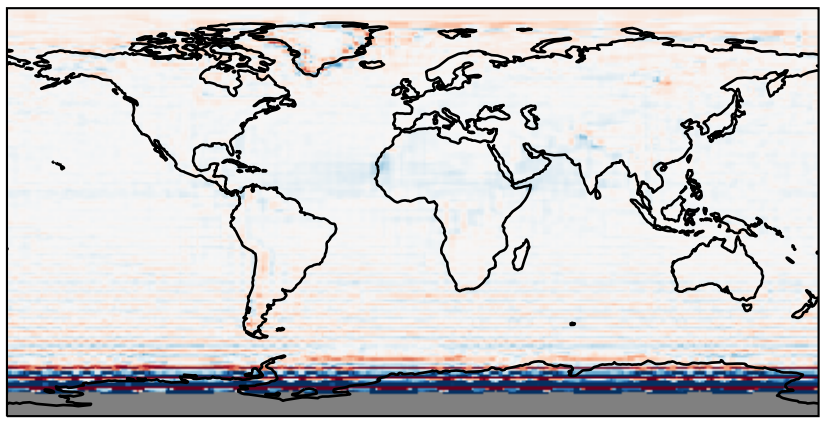


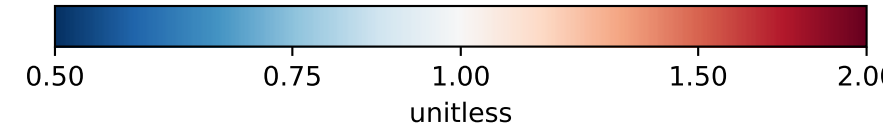
Ratio (1x1.25)
Dev/Ref, Dynamic Range





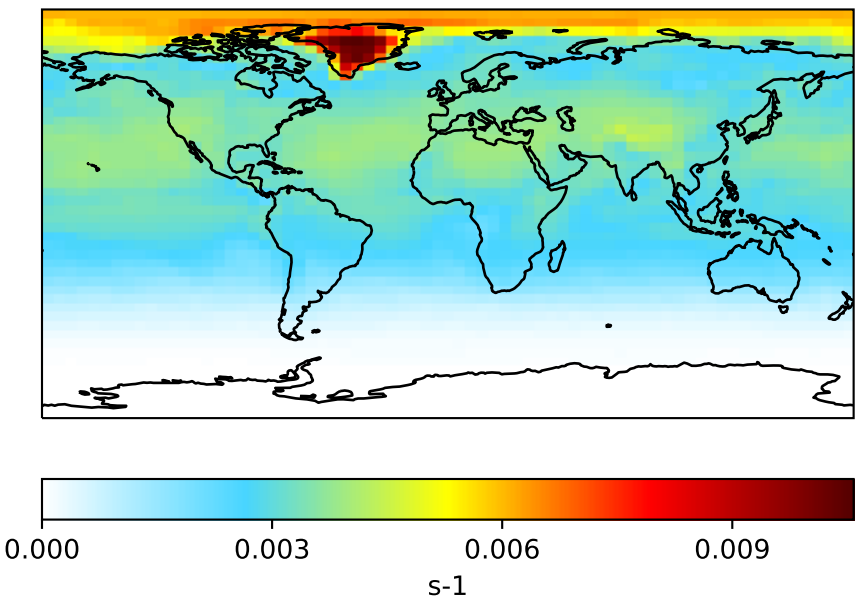
Ratio (1x1.25)
Dev/Ref, Fixed Range



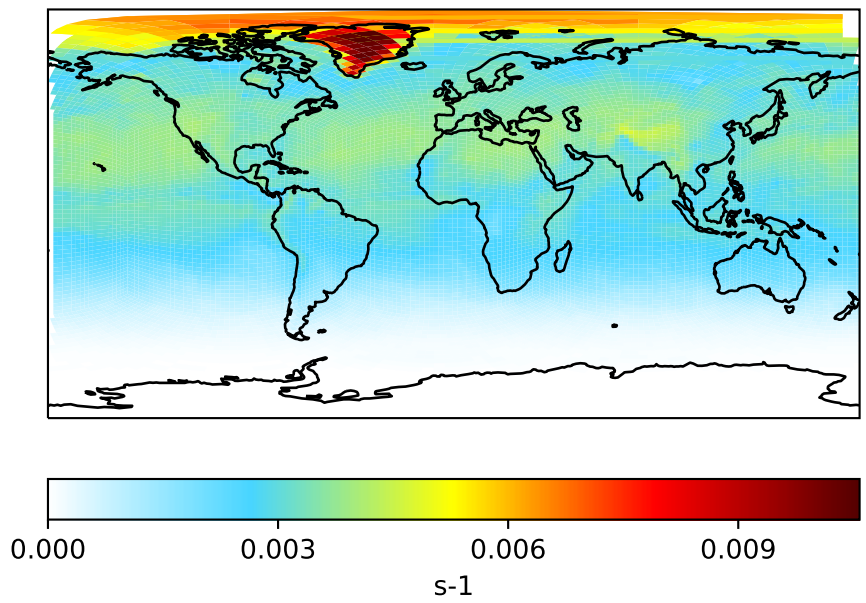


Jval_IONO2

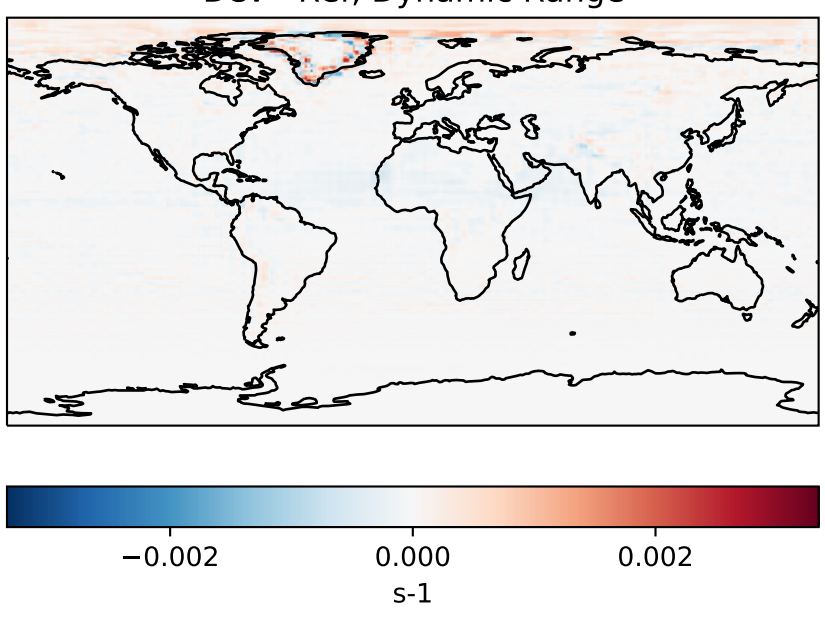
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



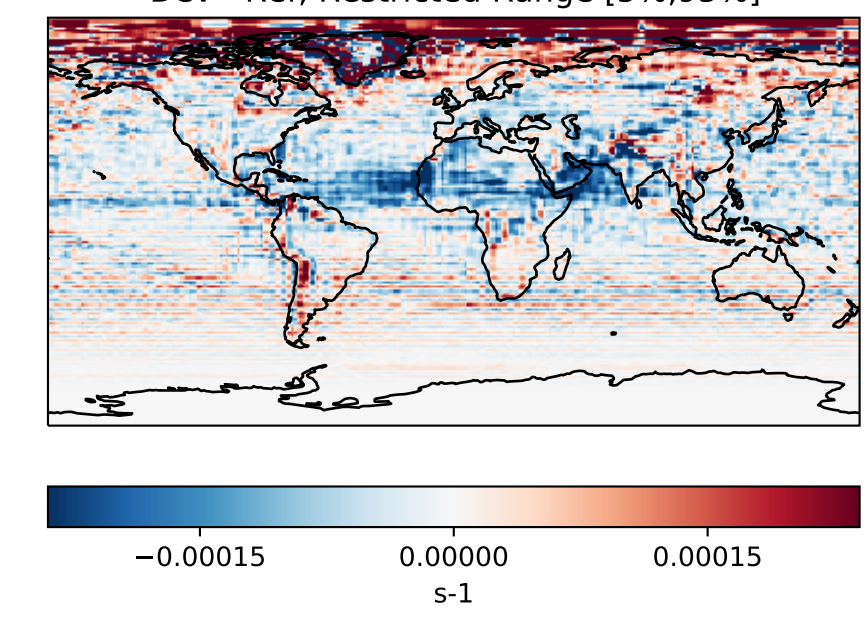
GCHP_13.1.0-beta.1 (Dev)
c48



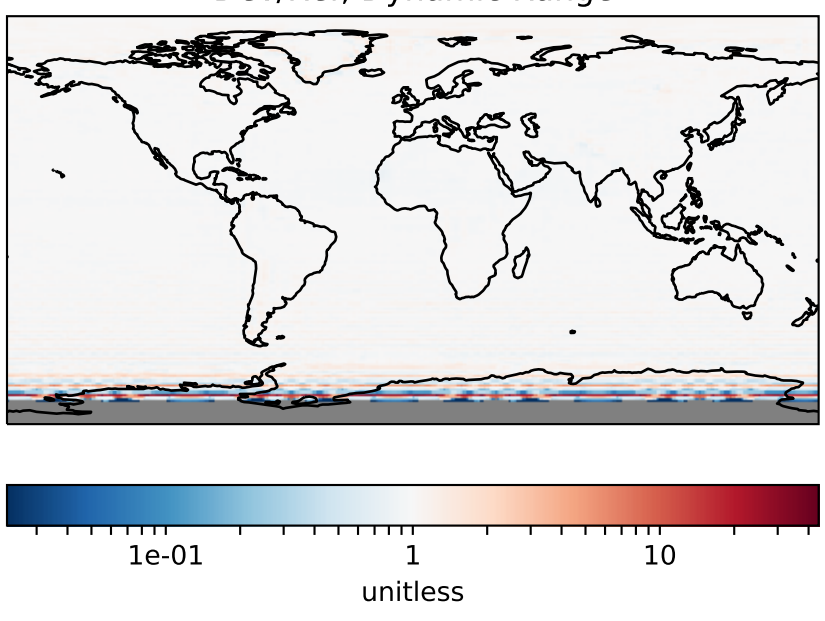
Difference (1x1.25)
Dev - Ref, Dynamic Range



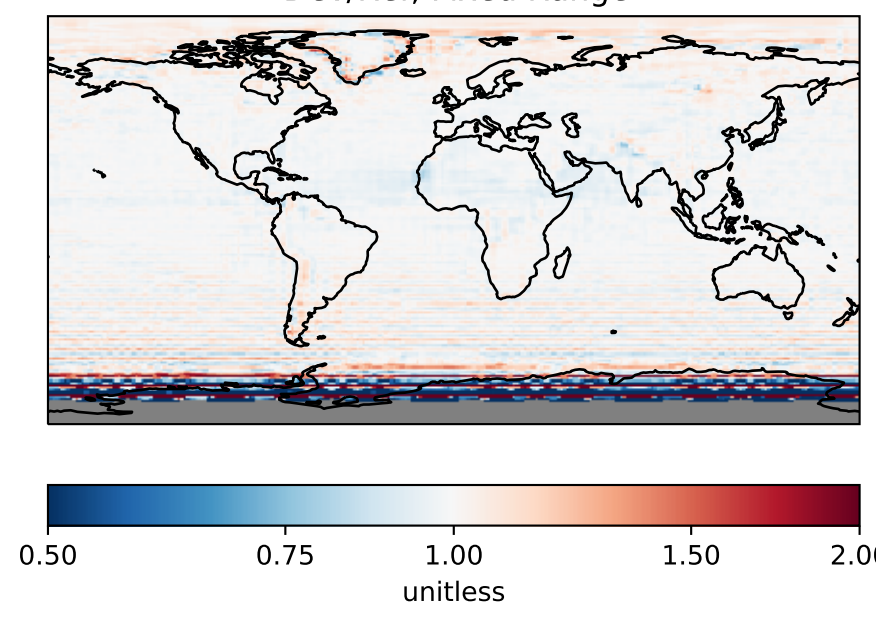
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

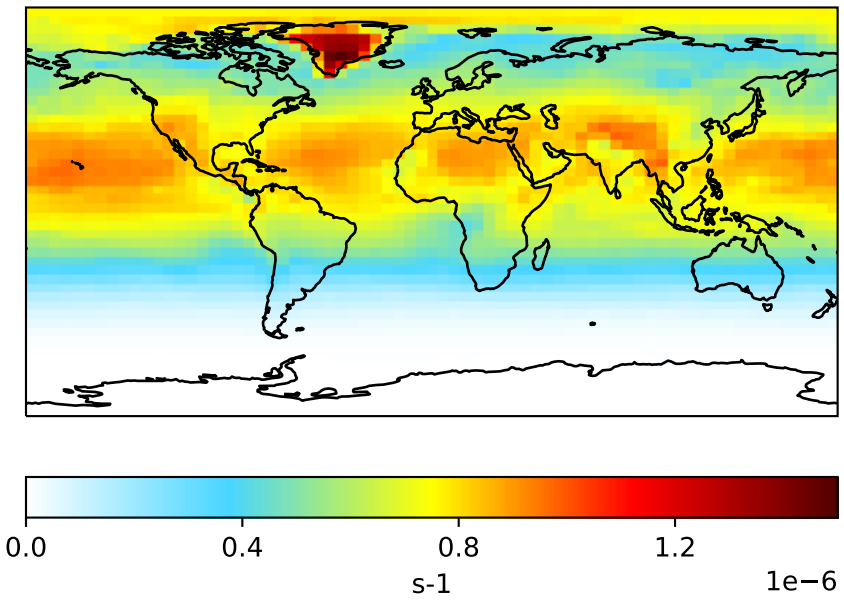


Ratio (1x1.25)
Dev/Ref, Fixed Range

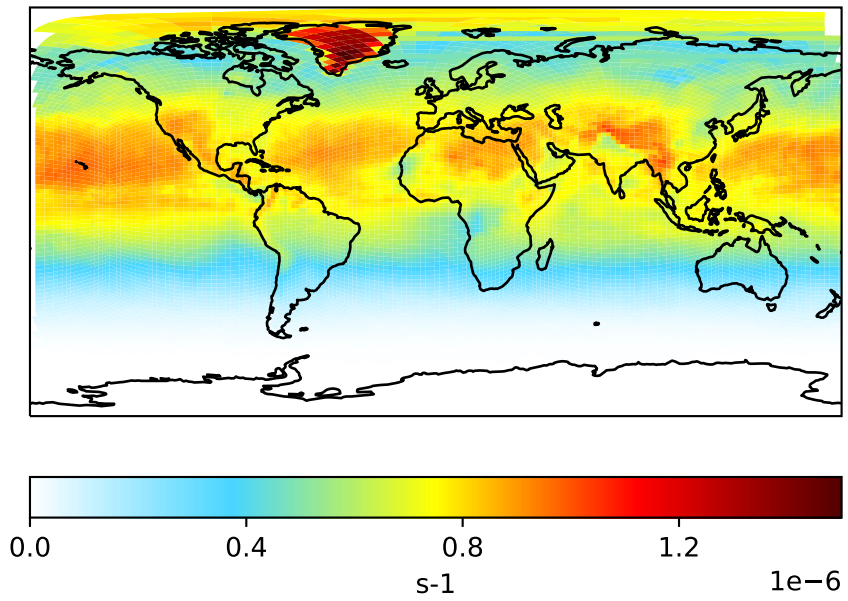


Jval_IPRNO3

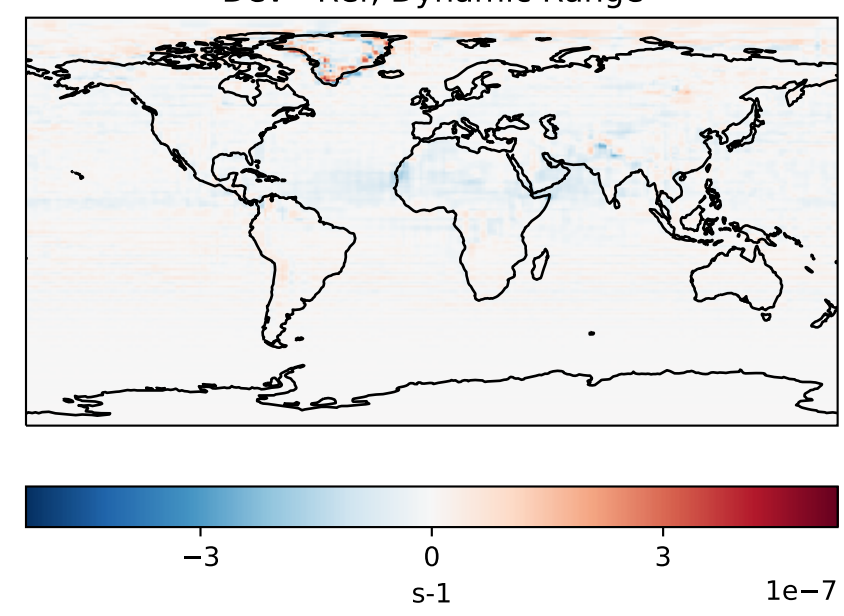
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



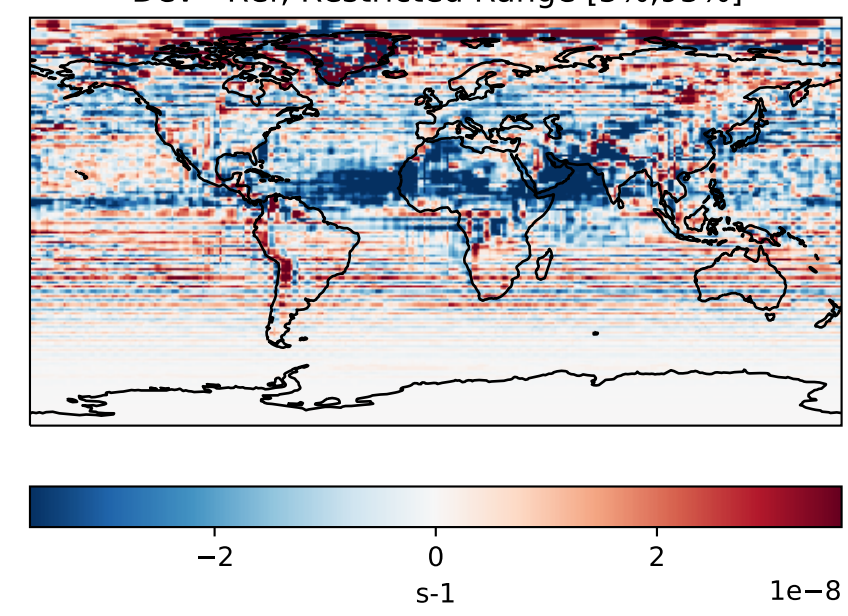
GCHP_13.1.0-beta.1 (Dev)
c48



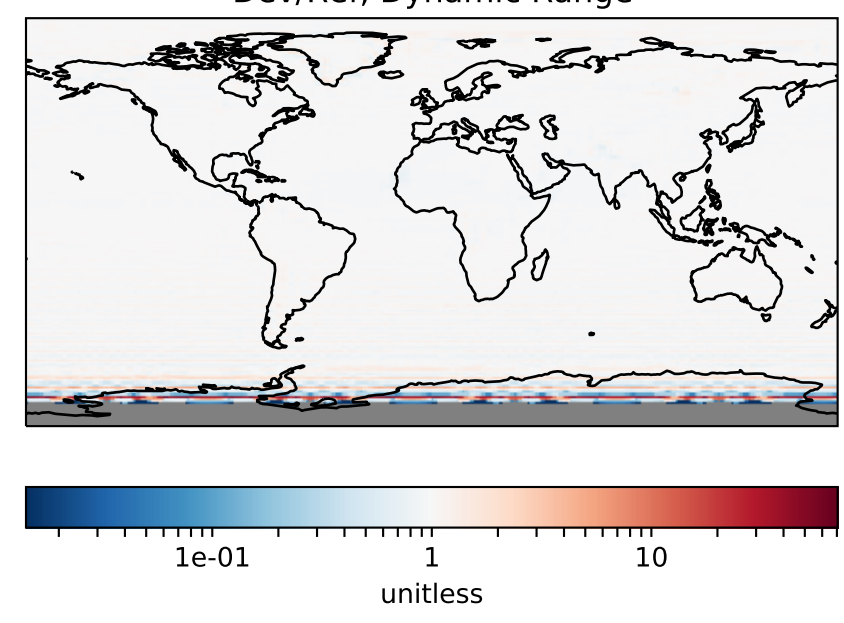
Difference (1x1.25)
Dev - Ref, Dynamic Range



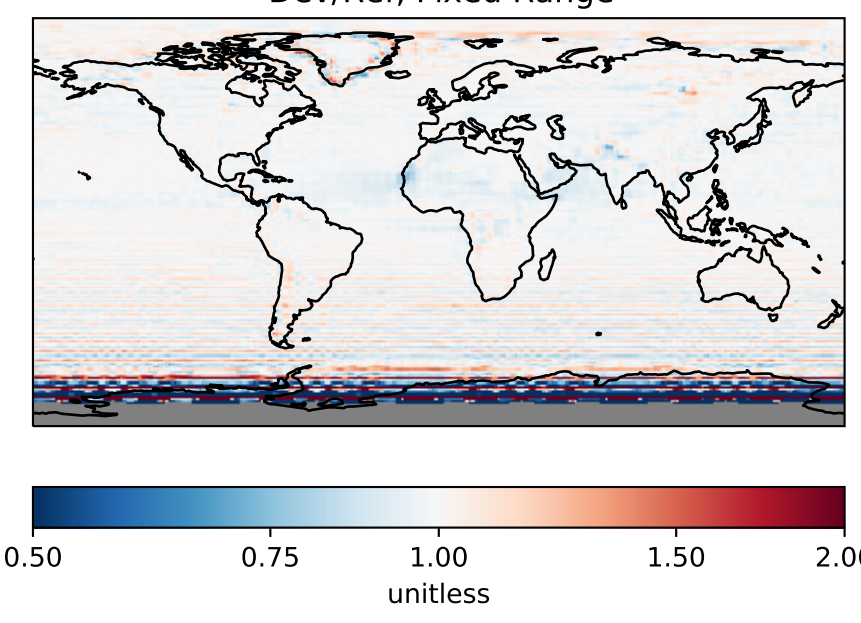
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

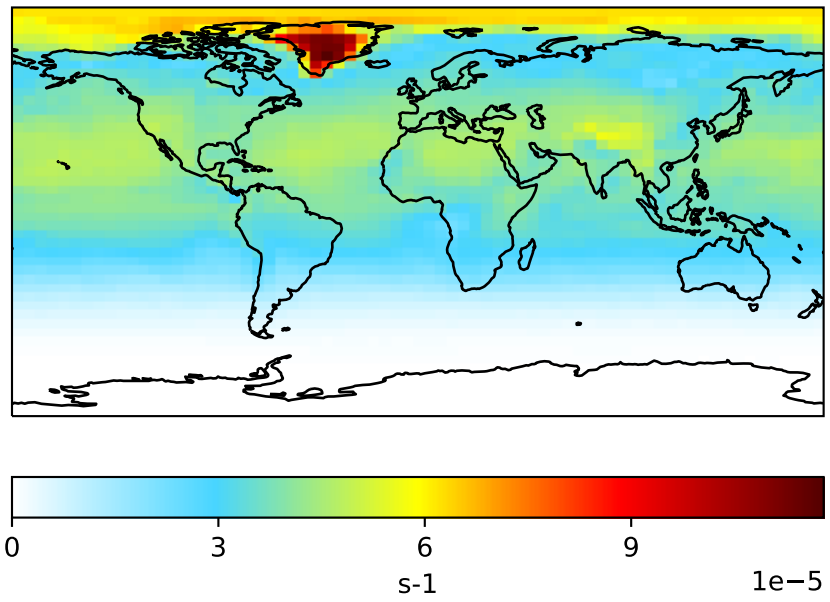


Ratio (1x1.25)
Dev/Ref, Fixed Range

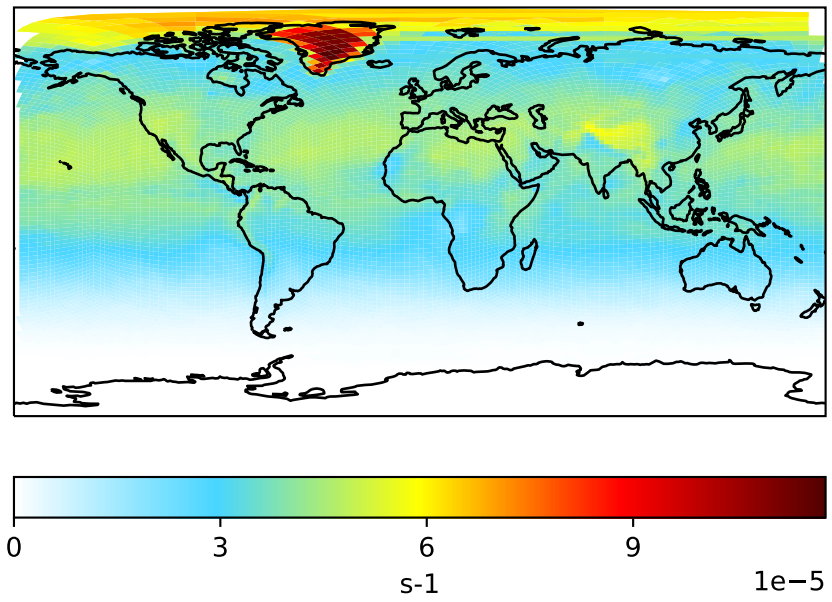


Jval_ITCN

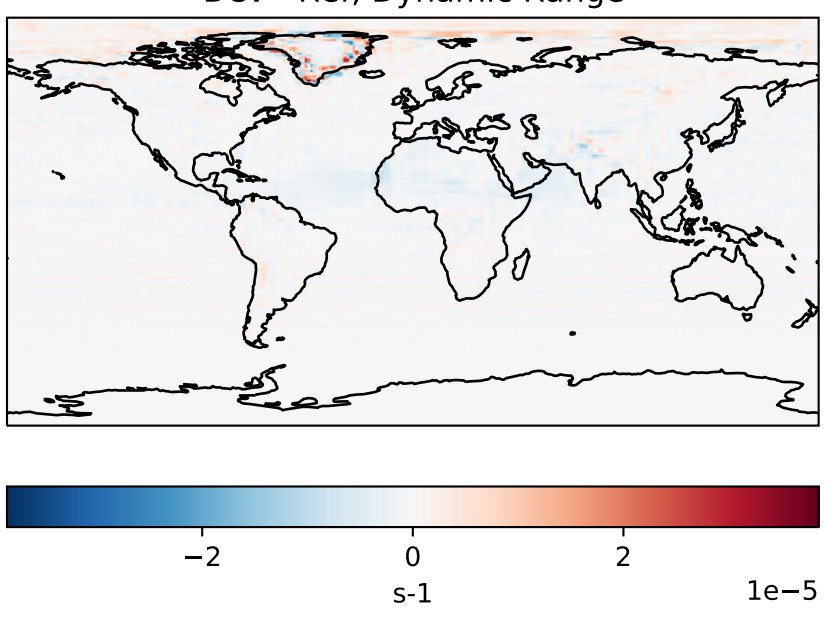
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



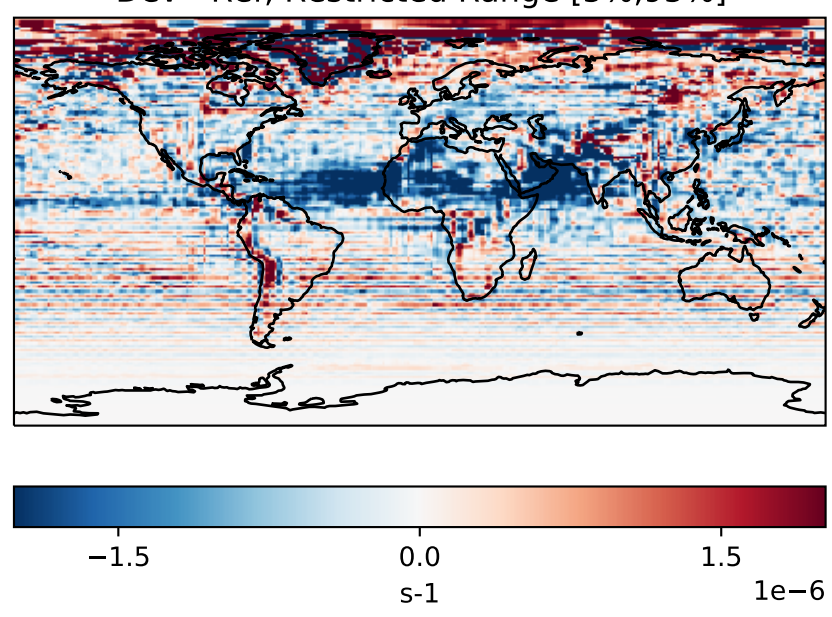
GCHP_13.1.0-beta.1 (Dev)
c48



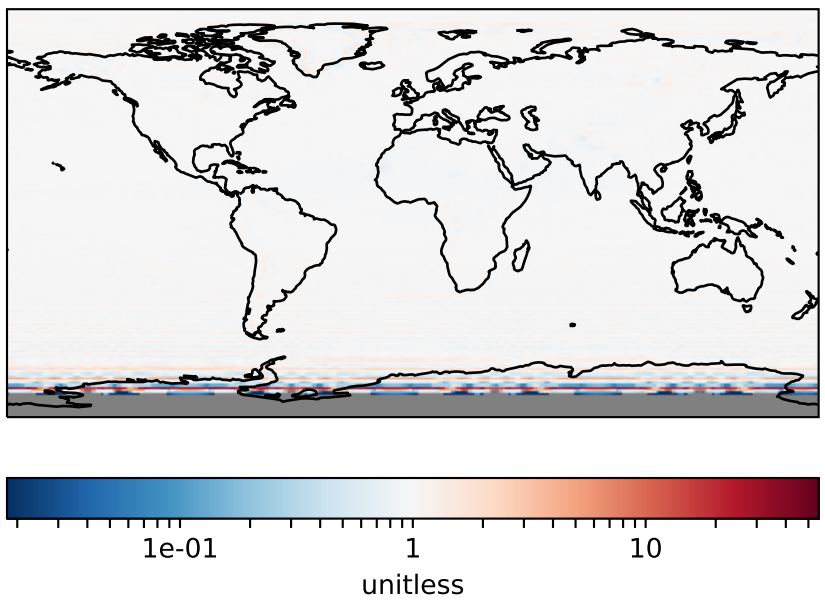
Difference (1x1.25)
Dev - Ref, Dynamic Range



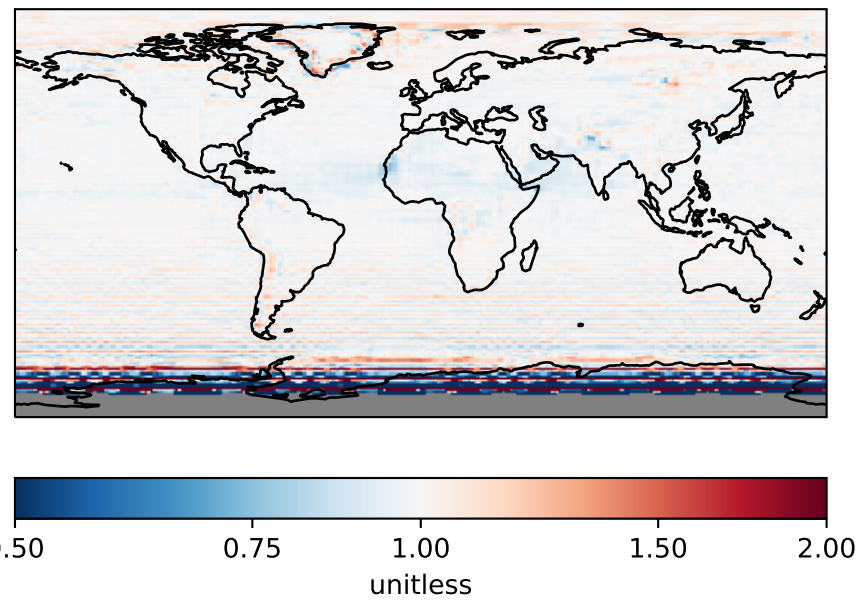
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

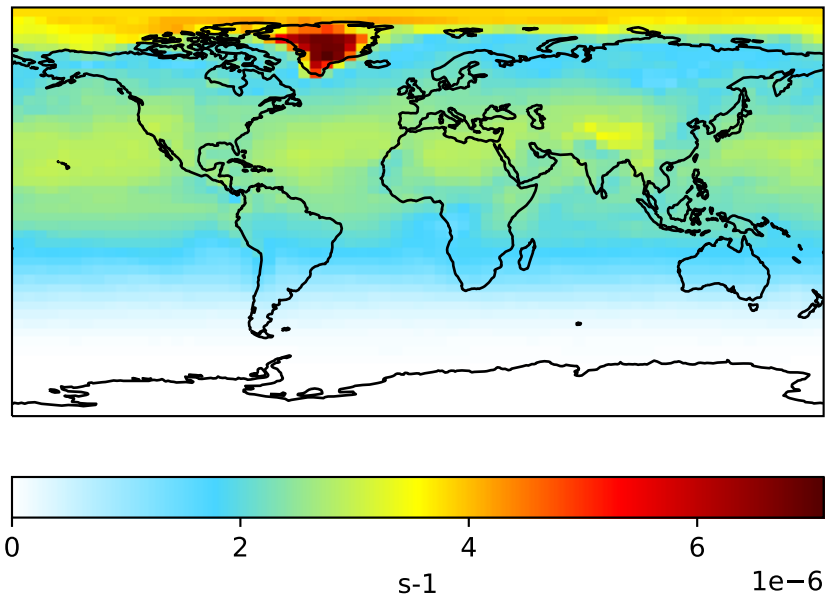


Ratio (1x1.25)
Dev/Ref, Fixed Range

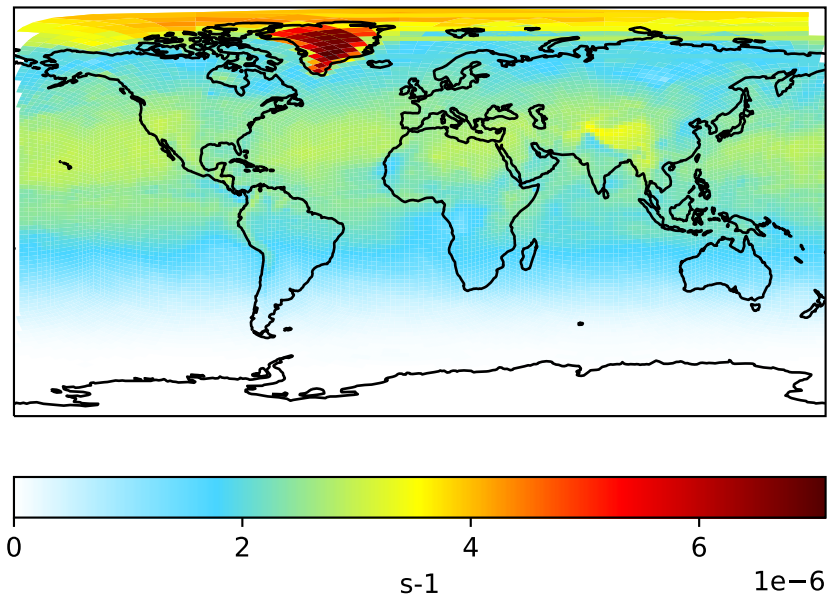


Jval_ITHN

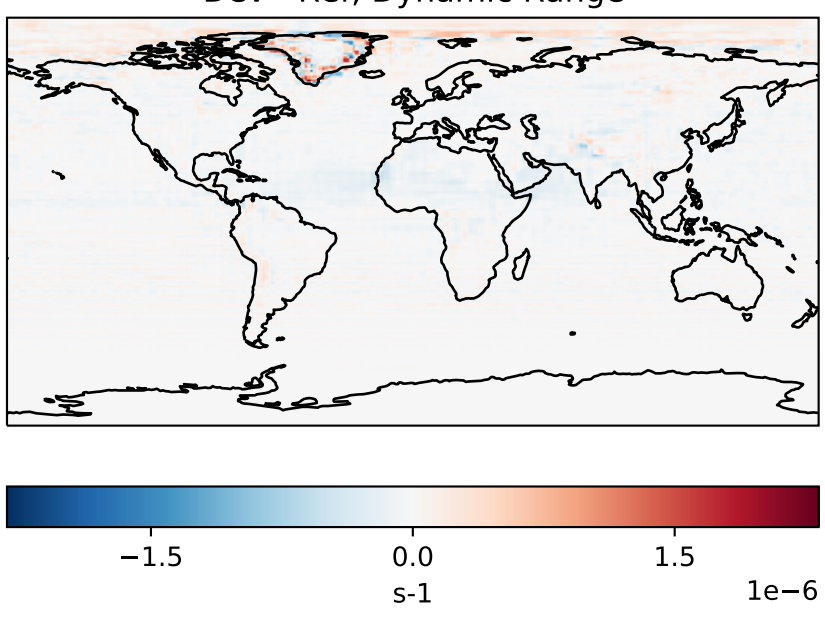
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



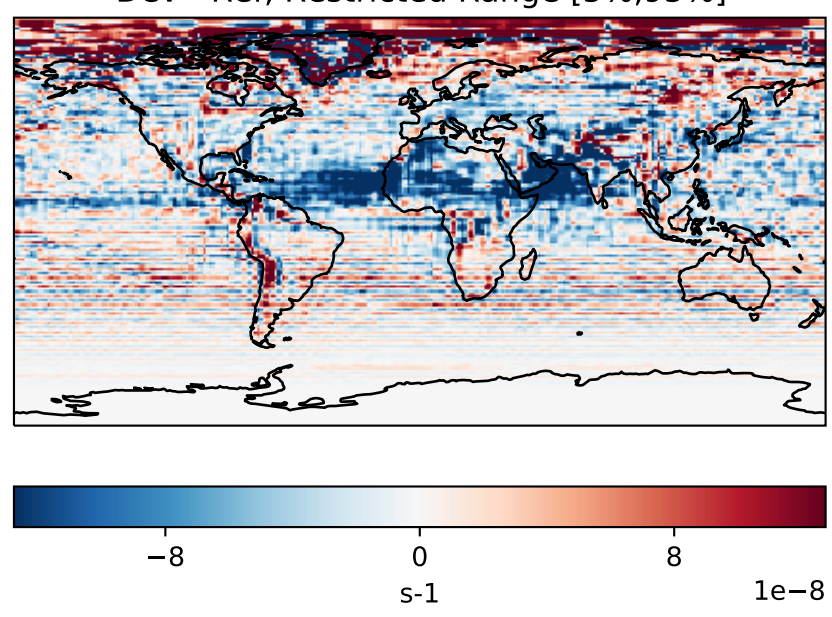
GCHP_13.1.0-beta.1 (Dev)
c48



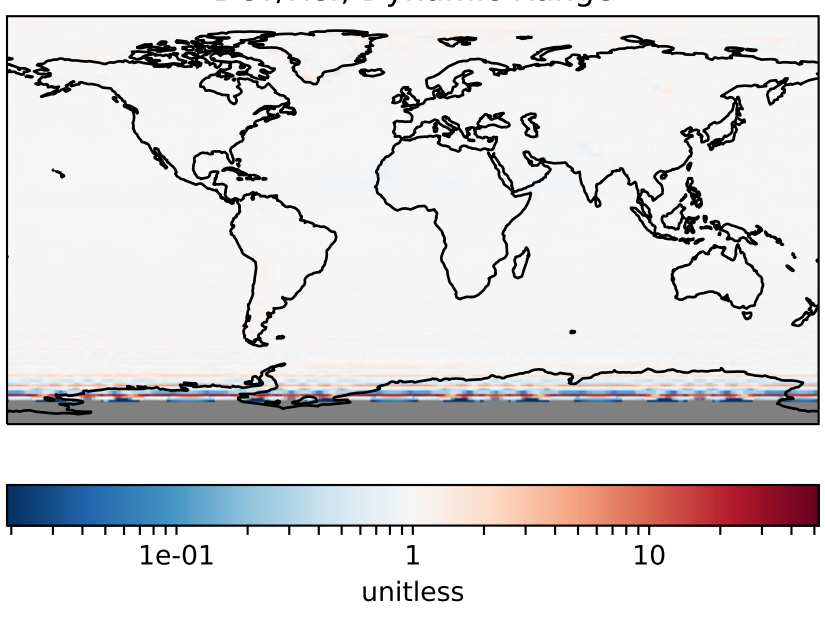
Difference (1x1.25)
Dev - Ref, Dynamic Range



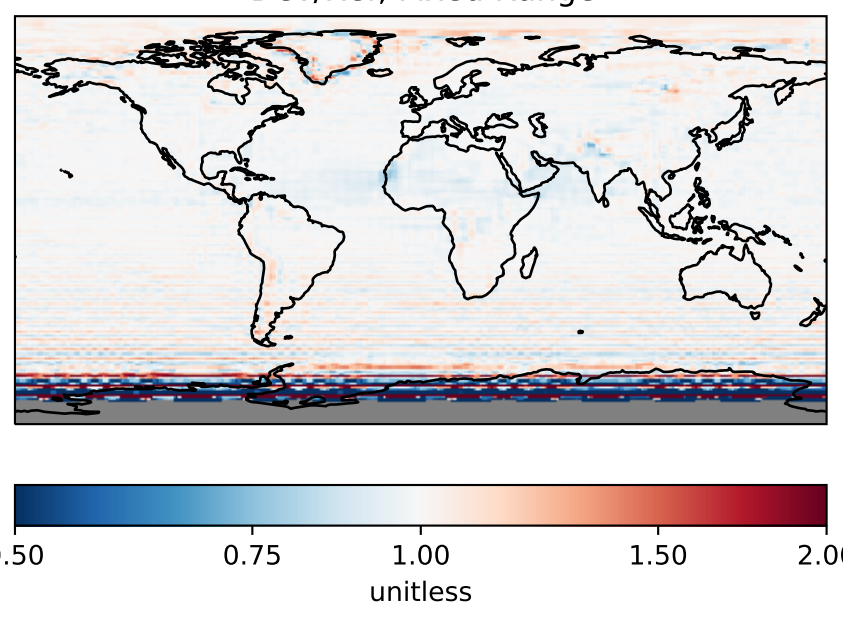
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

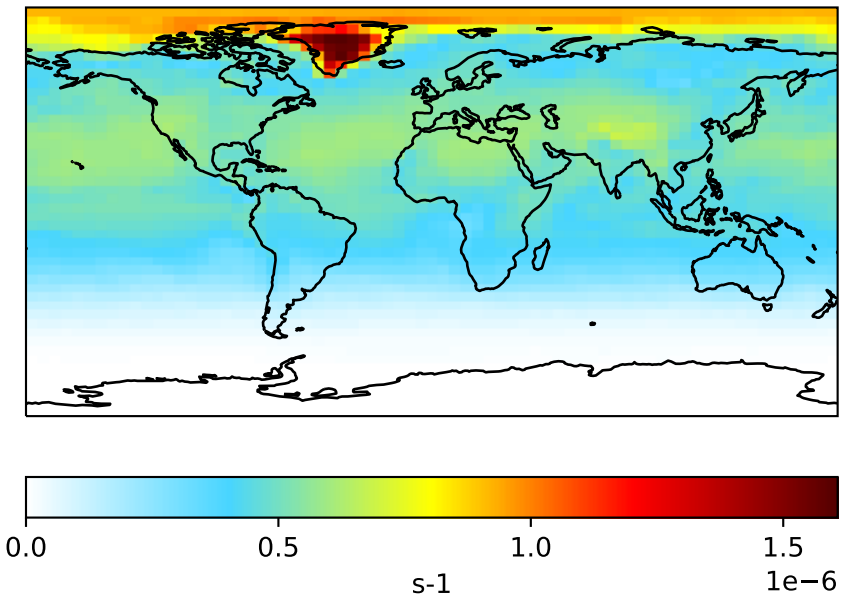


Ratio (1x1.25)
Dev/Ref, Fixed Range

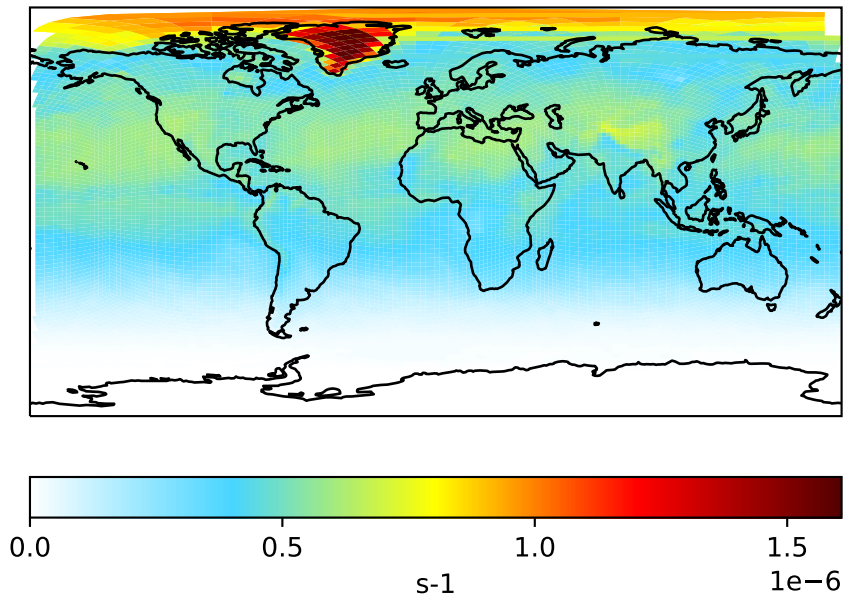


Jval_MACR

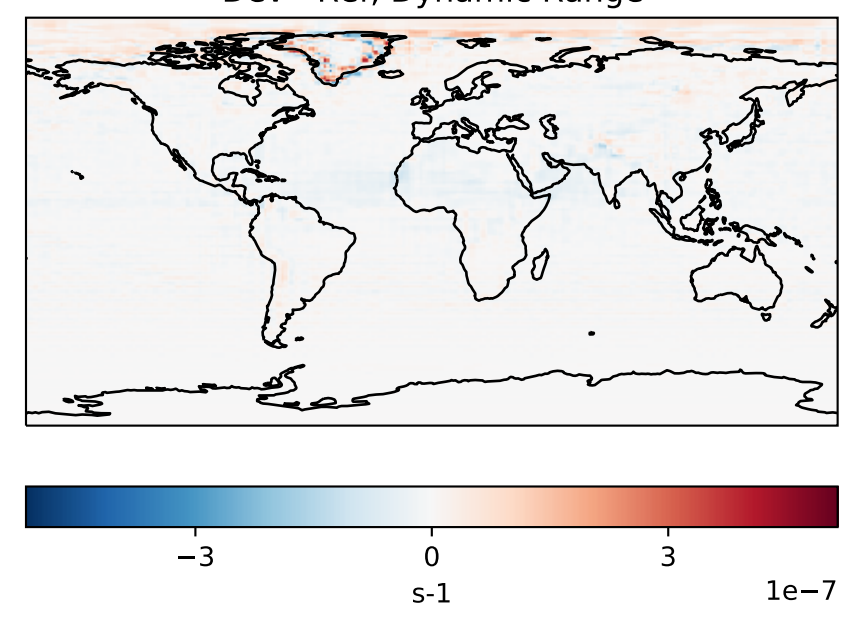
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



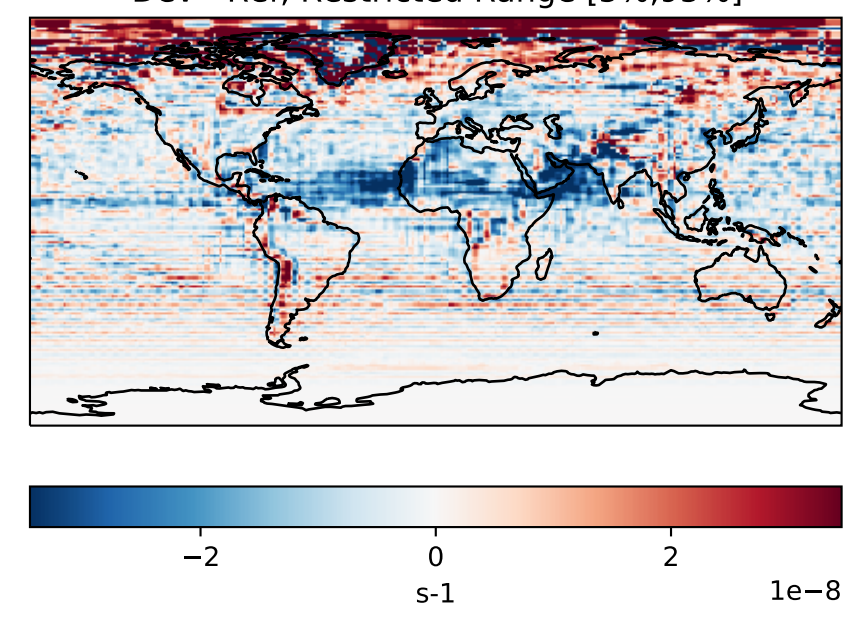
GCHP_13.1.0-beta.1 (Dev)
c48



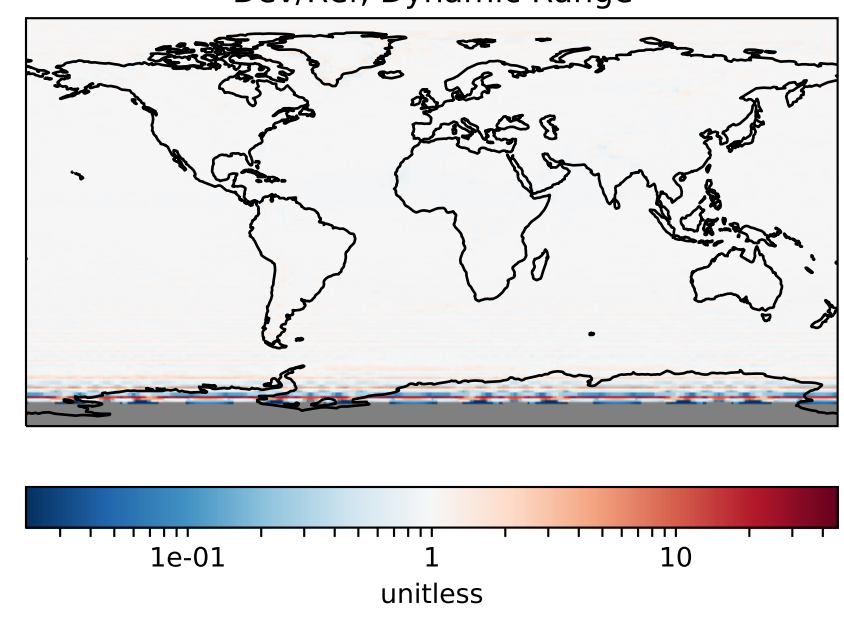
Difference (1x1.25)
Dev - Ref, Dynamic Range



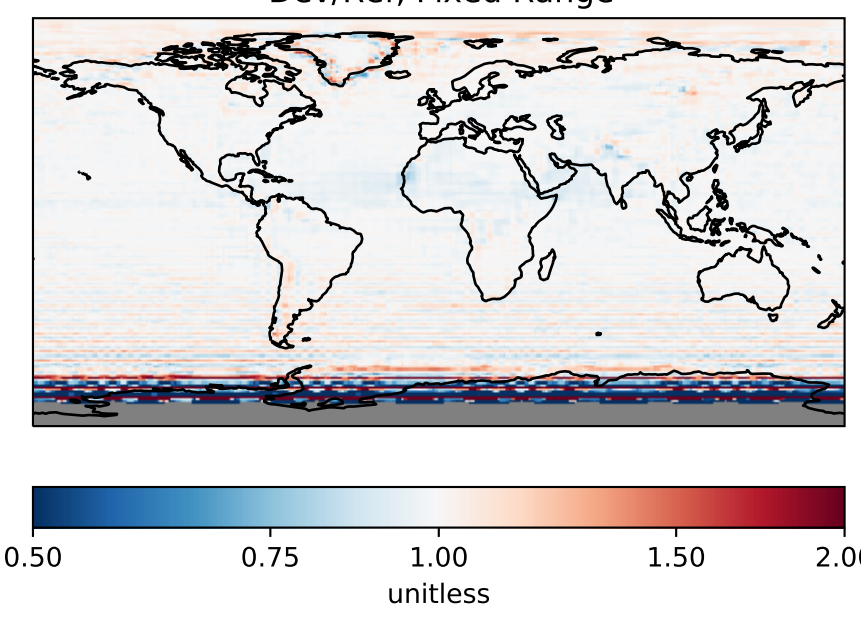
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

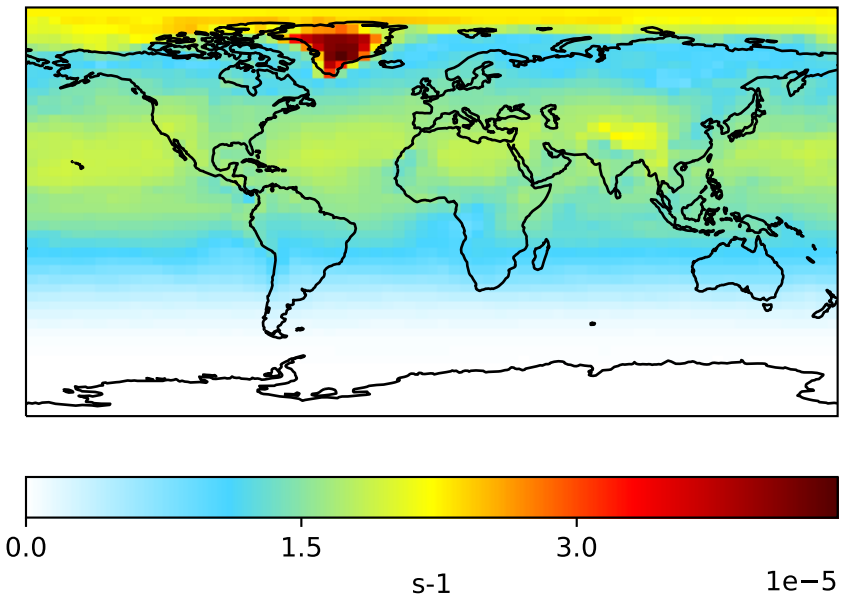


Ratio (1x1.25)
Dev/Ref, Fixed Range

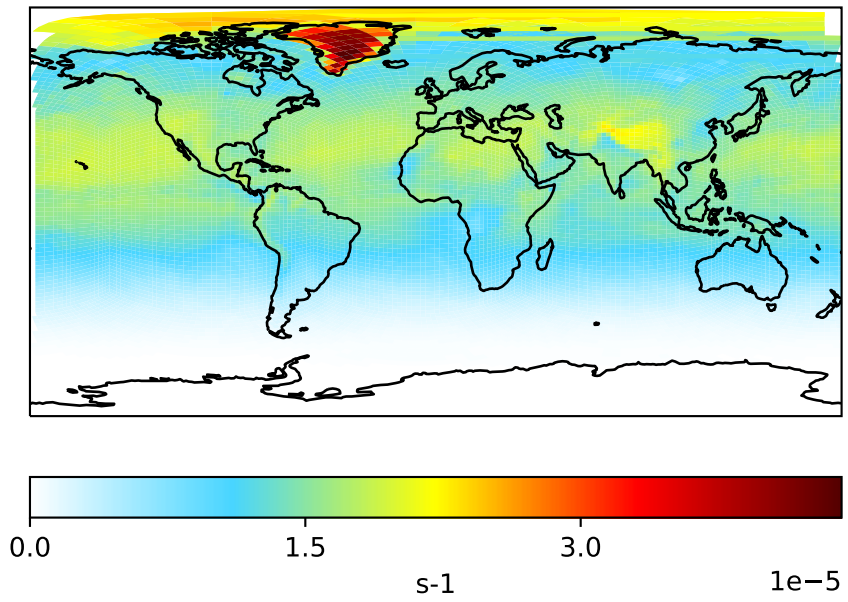


Jval_MACR1OOH

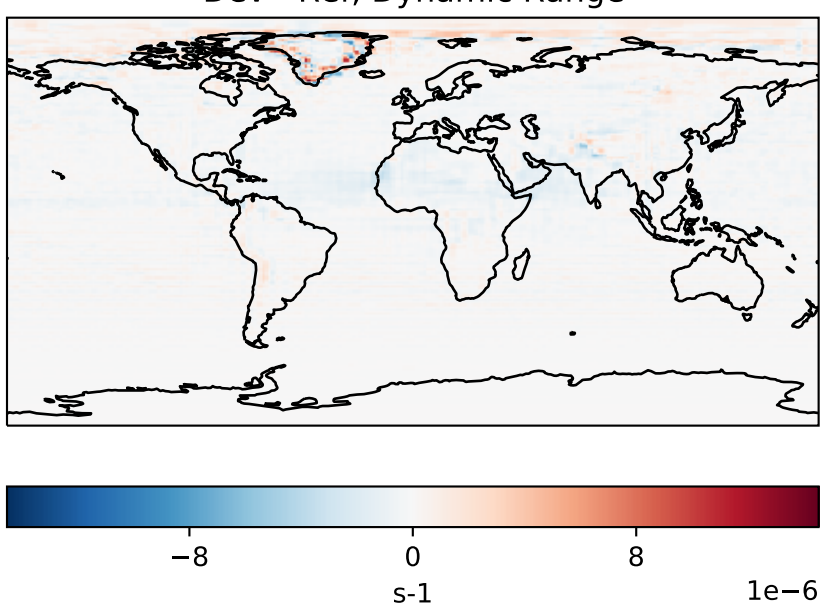
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



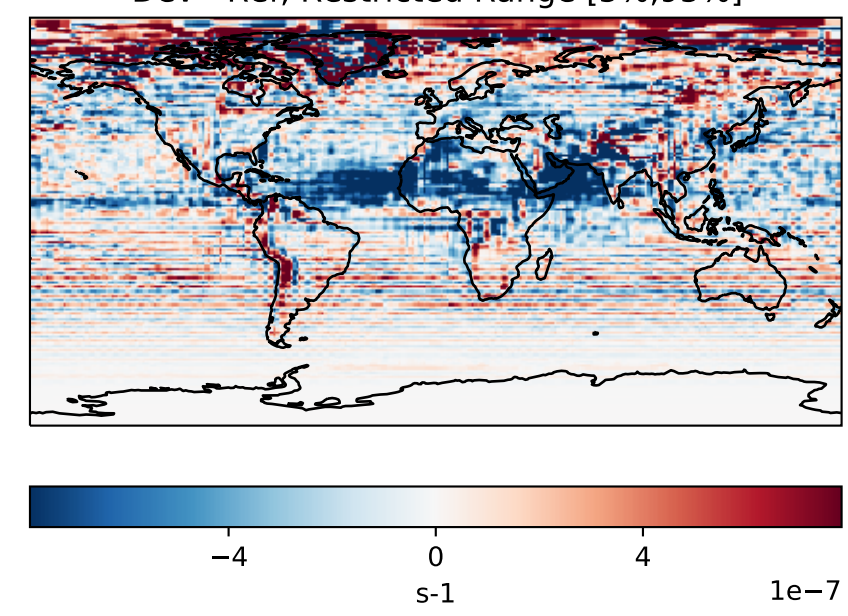
GCHP_13.1.0-beta.1 (Dev)
c48



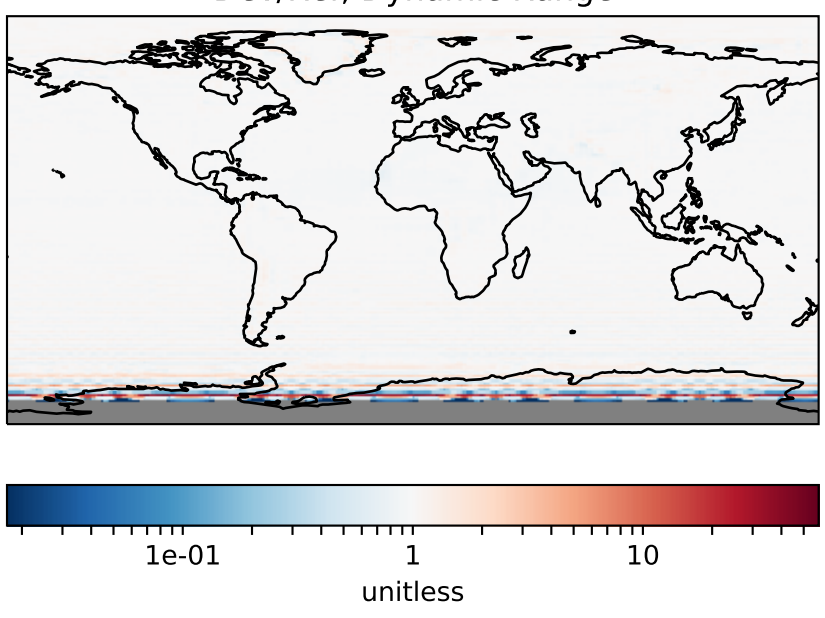
Difference (1x1.25)
Dev - Ref, Dynamic Range



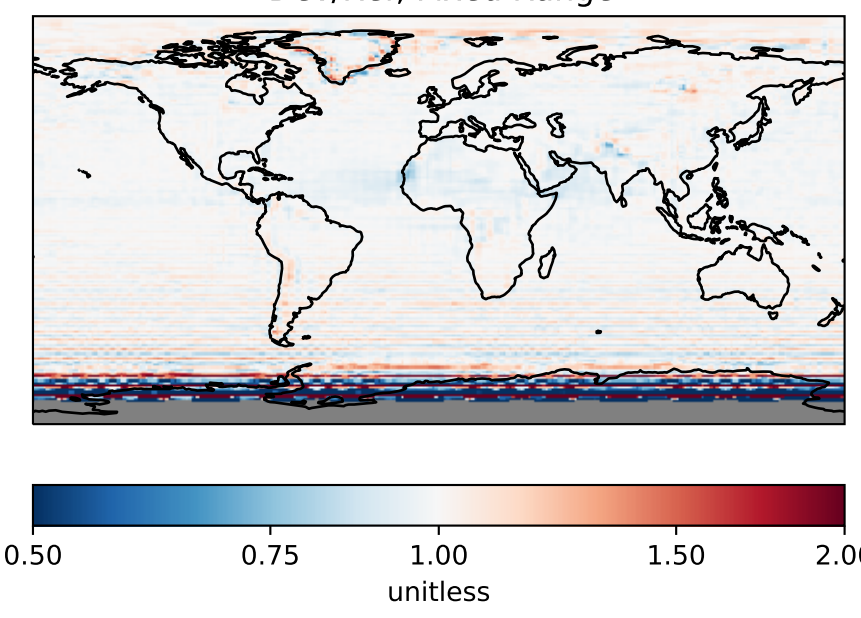
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

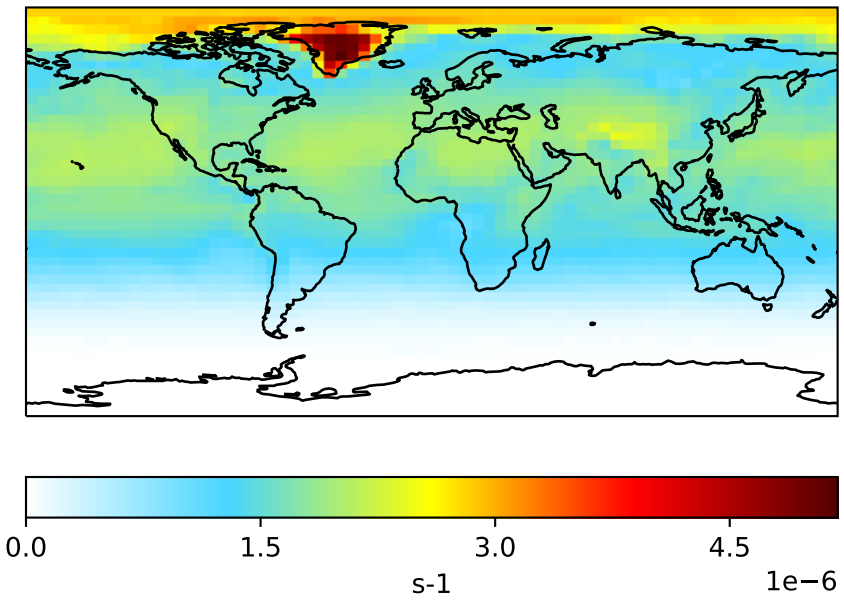


Ratio (1x1.25)
Dev/Ref, Fixed Range

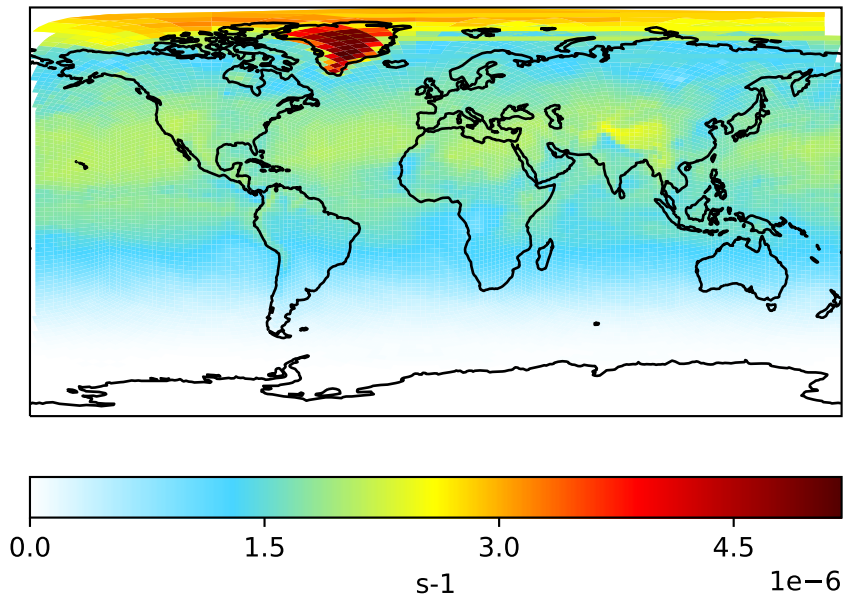


Jval_MAP

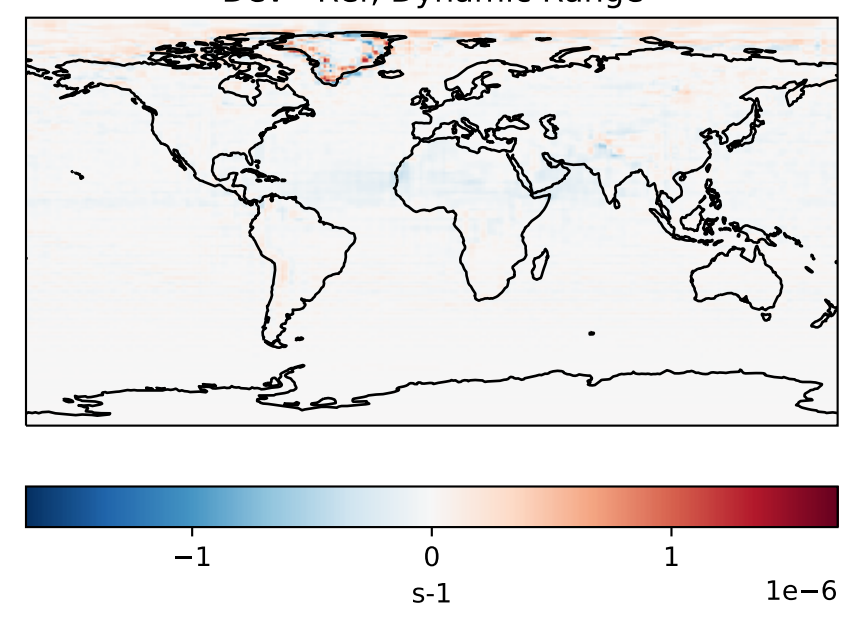
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



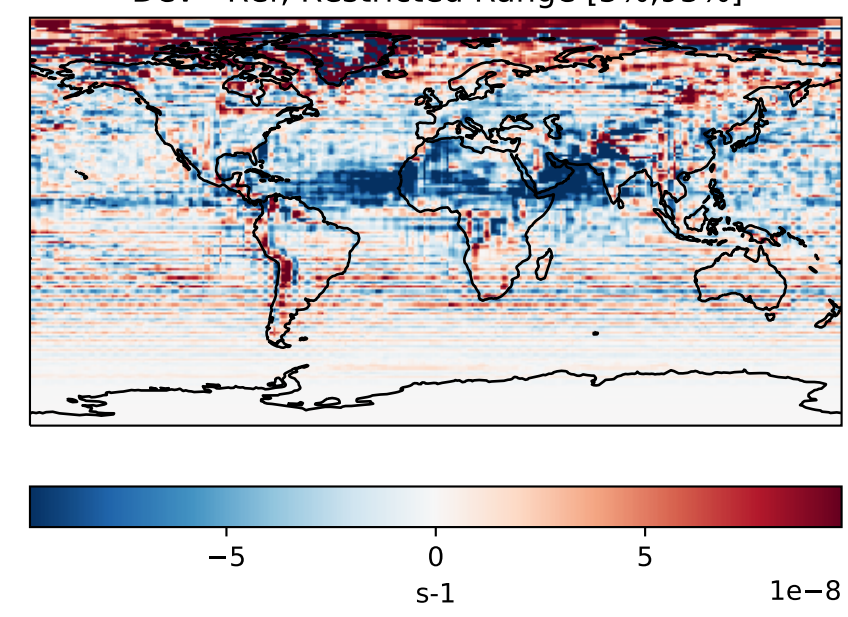
GCHP_13.1.0-beta.1 (Dev)
c48



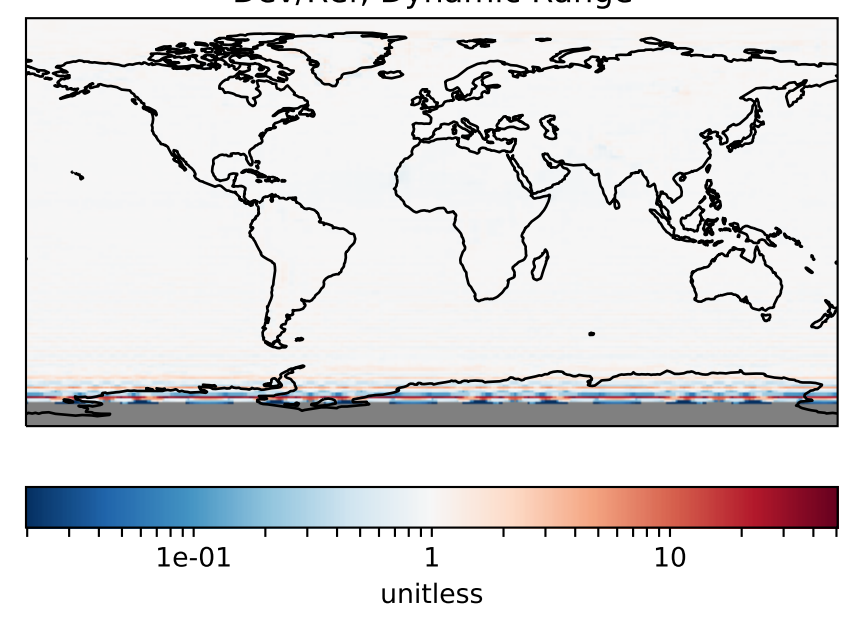
Difference (1x1.25)
Dev - Ref, Dynamic Range



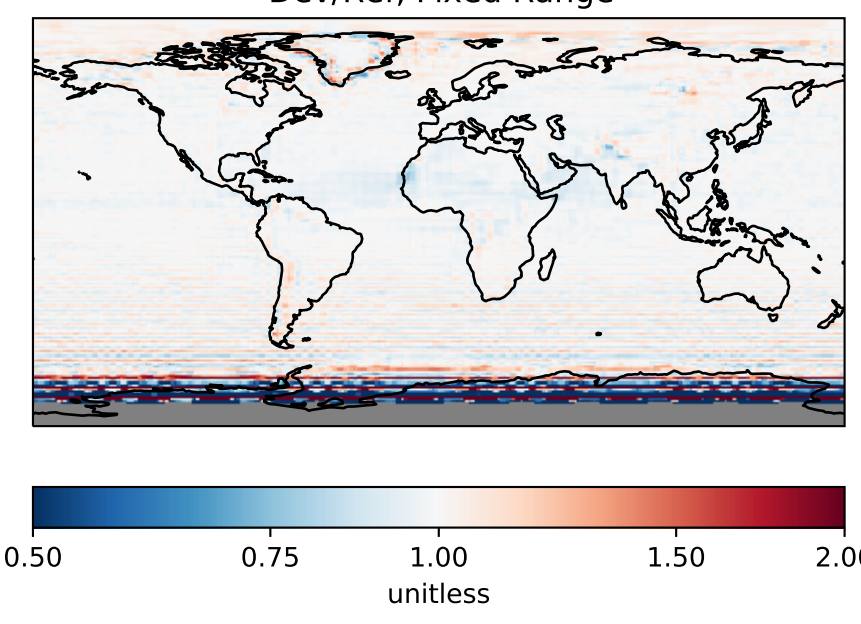
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

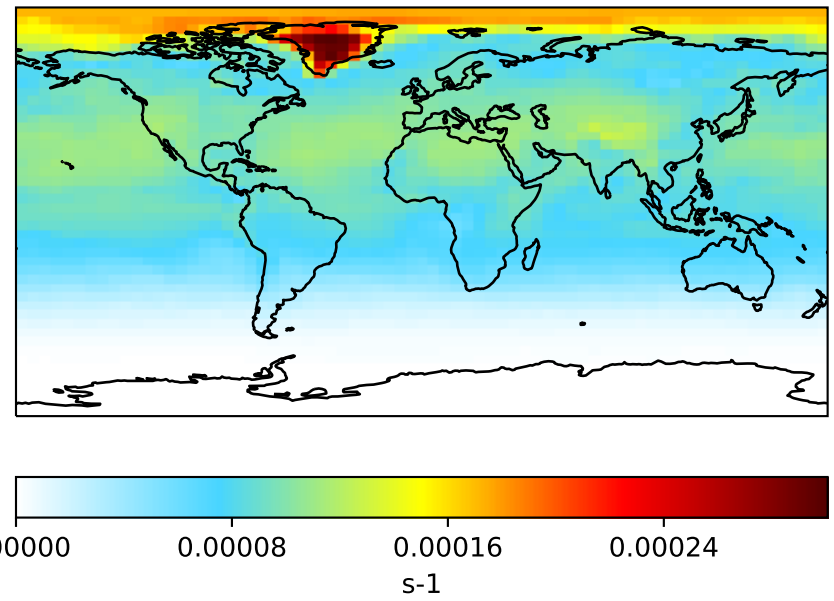


Ratio (1x1.25)
Dev/Ref, Fixed Range

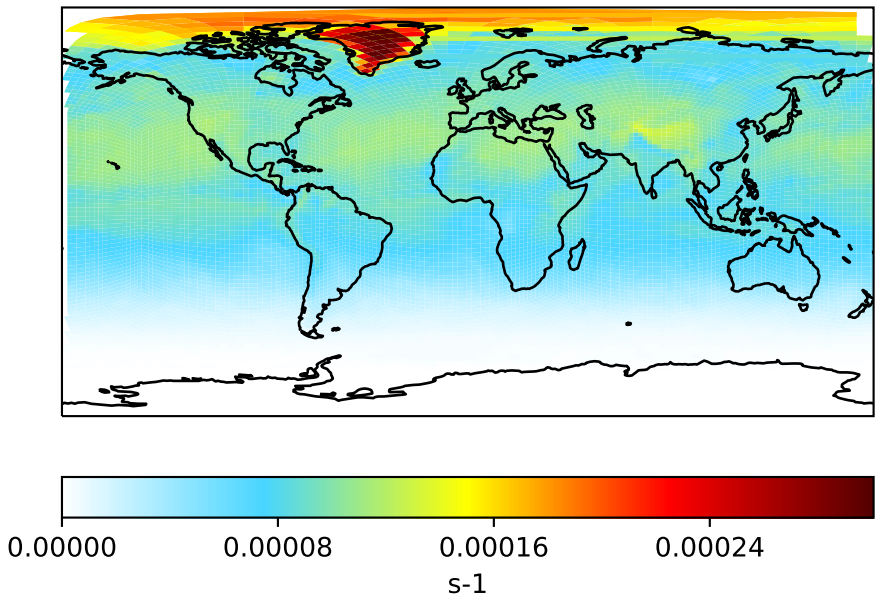


Jval_MCRENOL

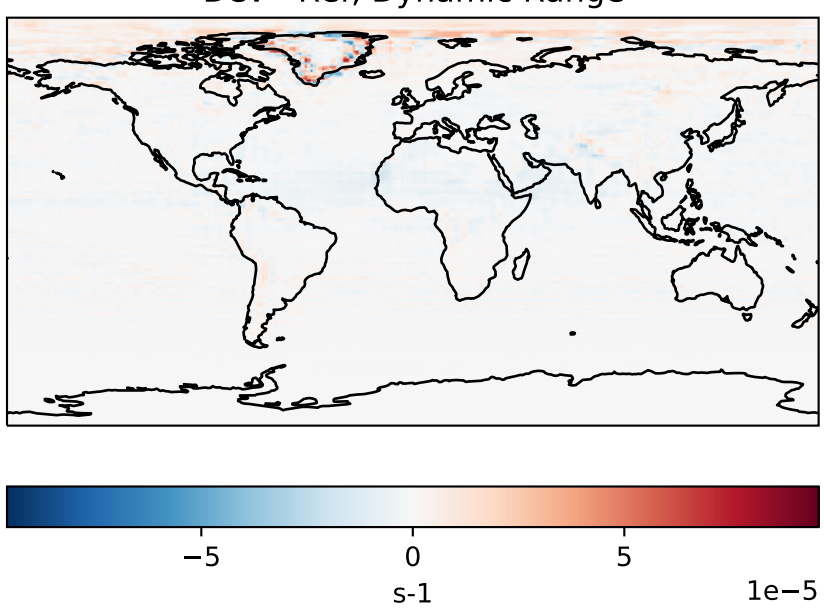
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



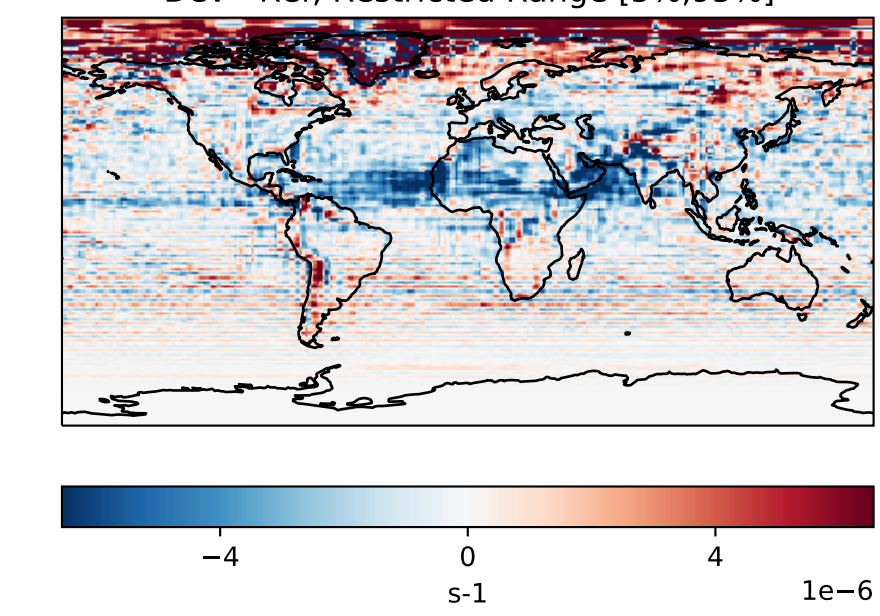
GCHP_13.1.0-beta.1 (Dev)
c48



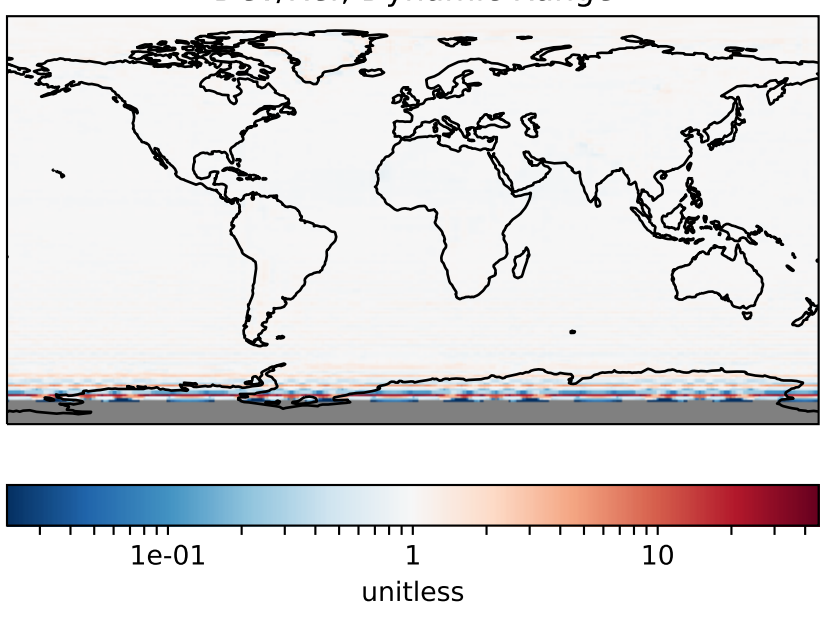
Difference (1x1.25)
Dev - Ref, Dynamic Range



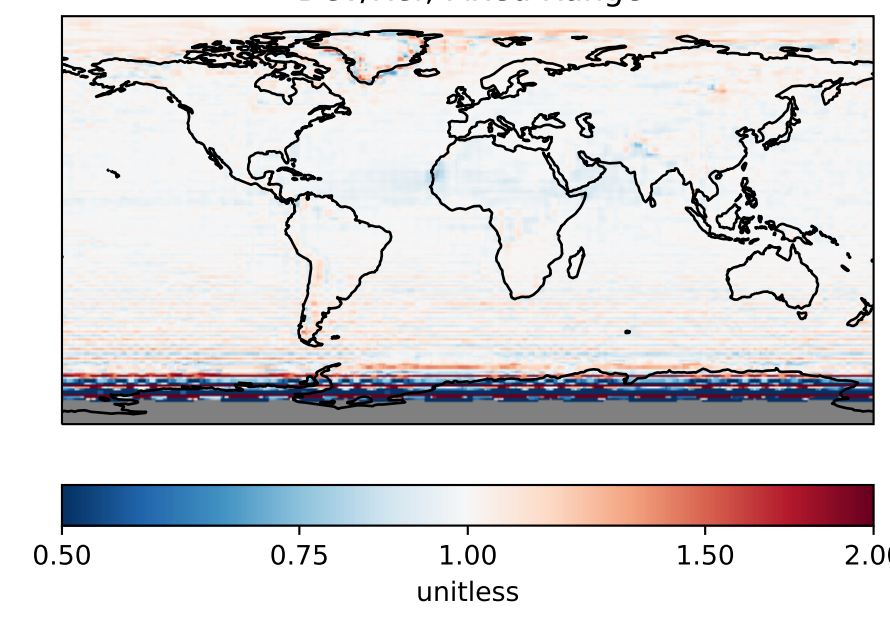
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

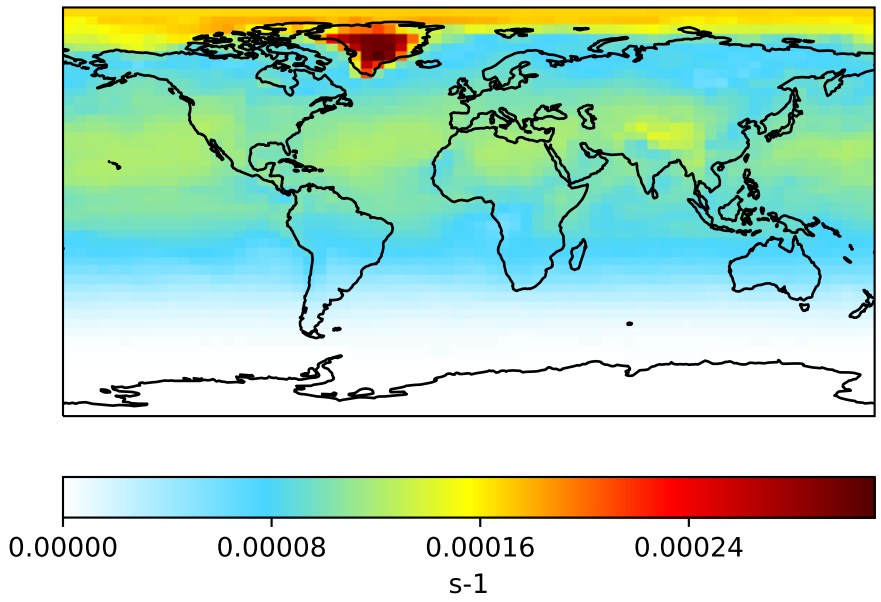


Ratio (1x1.25)
Dev/Ref, Fixed Range

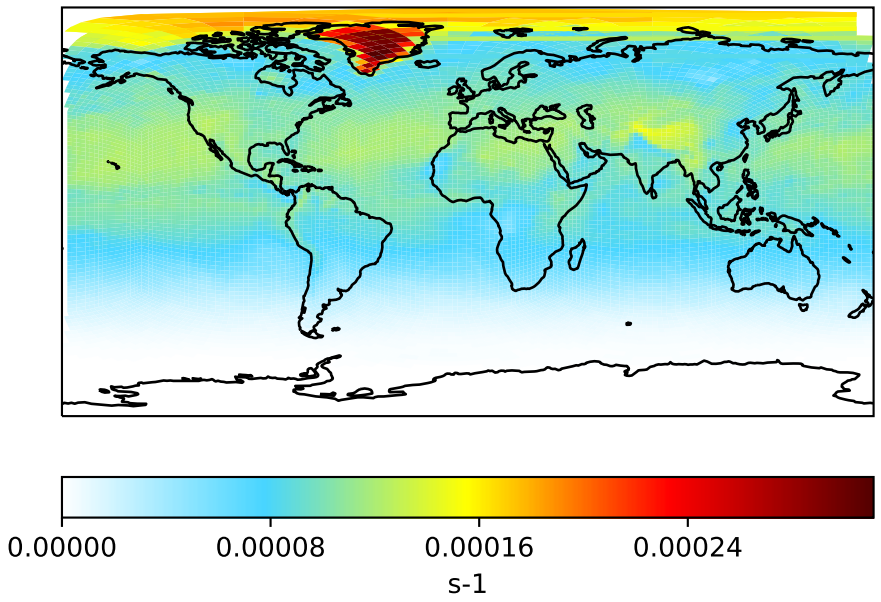


Jval_MCRHN

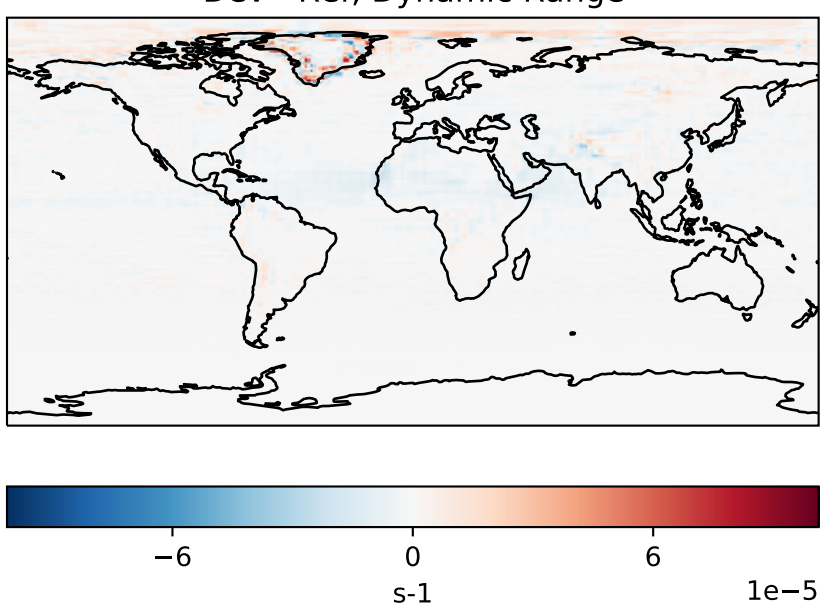
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



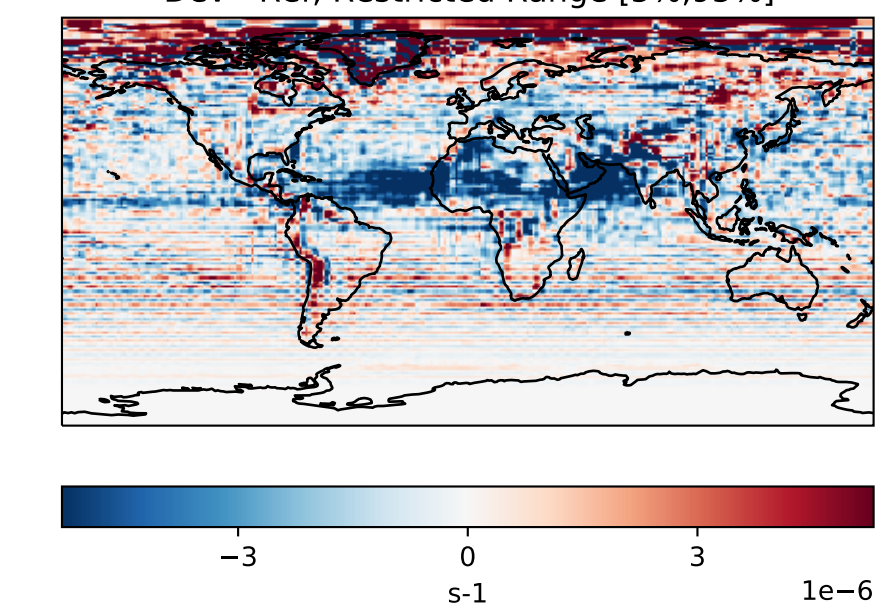
GCHP_13.1.0-beta.1 (Dev)
c48



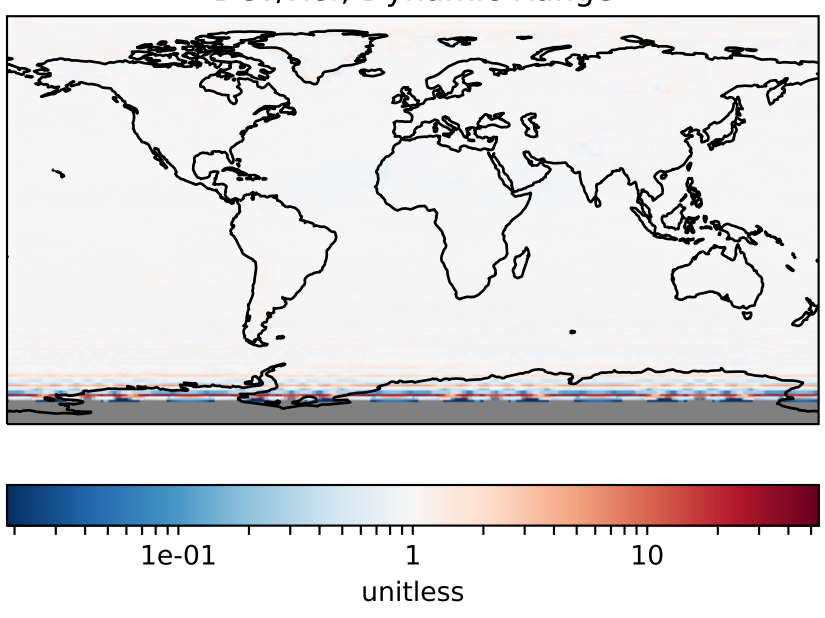
Difference (1x1.25)
Dev - Ref, Dynamic Range



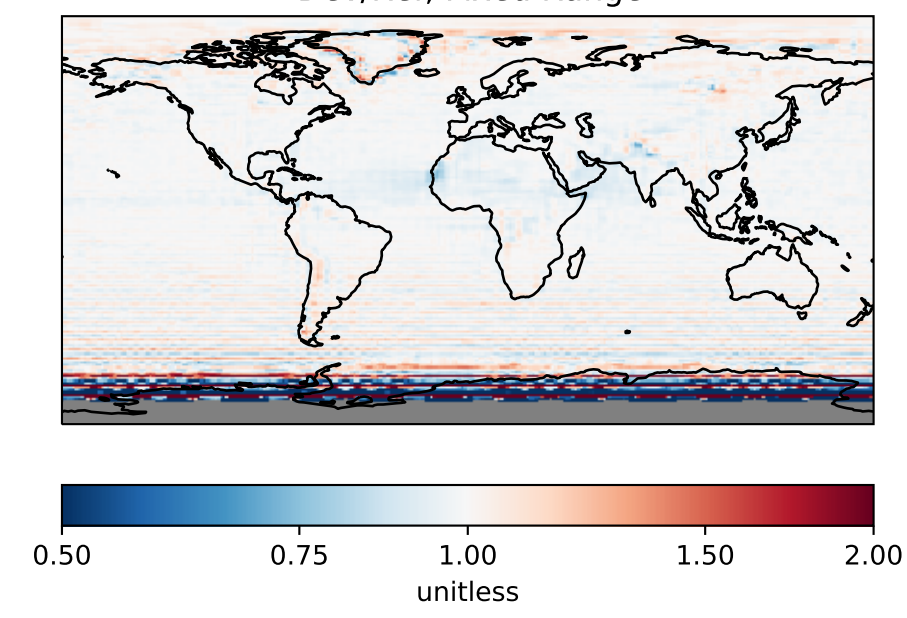
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

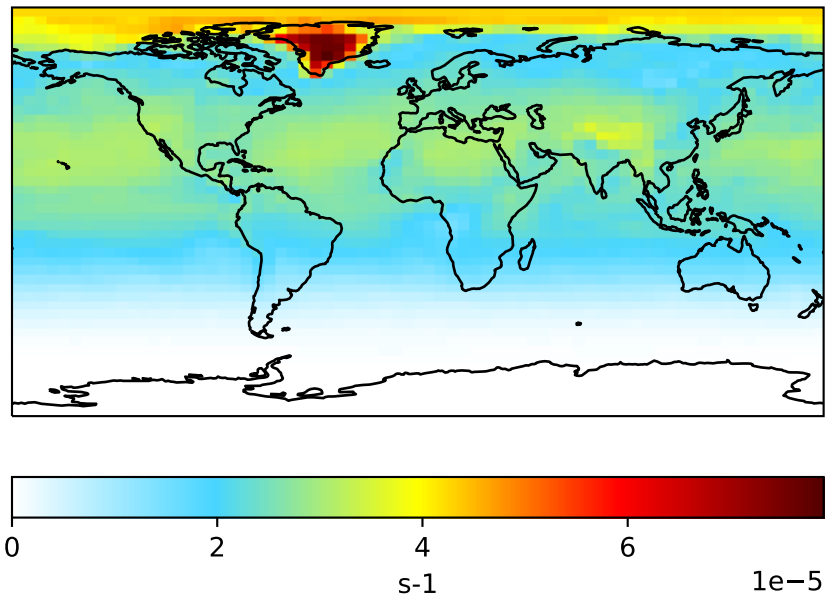


Ratio (1x1.25)
Dev/Ref, Fixed Range

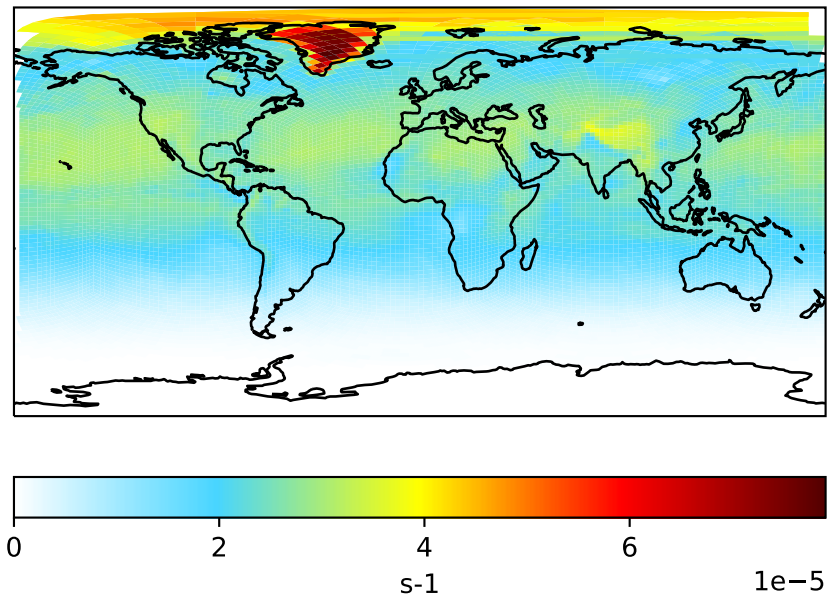


Jval_MCRHNB

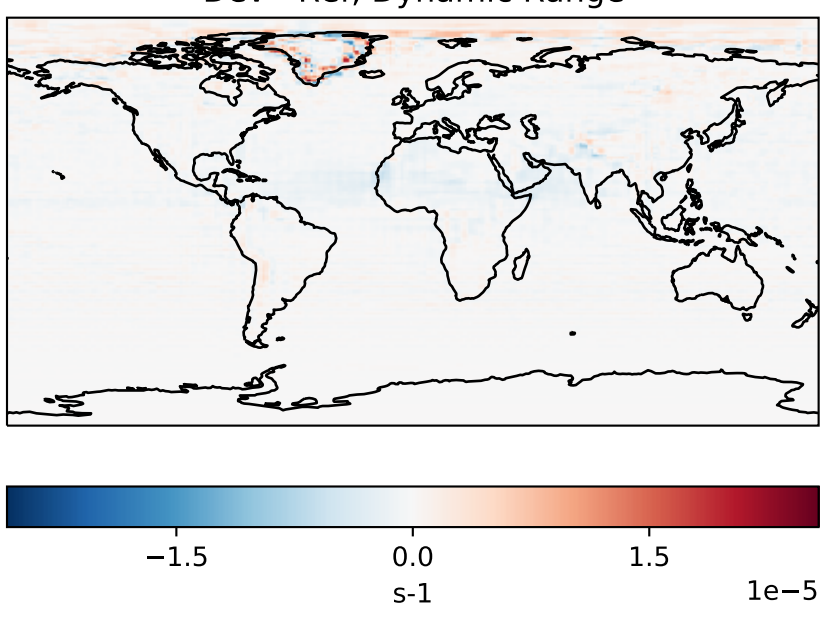
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



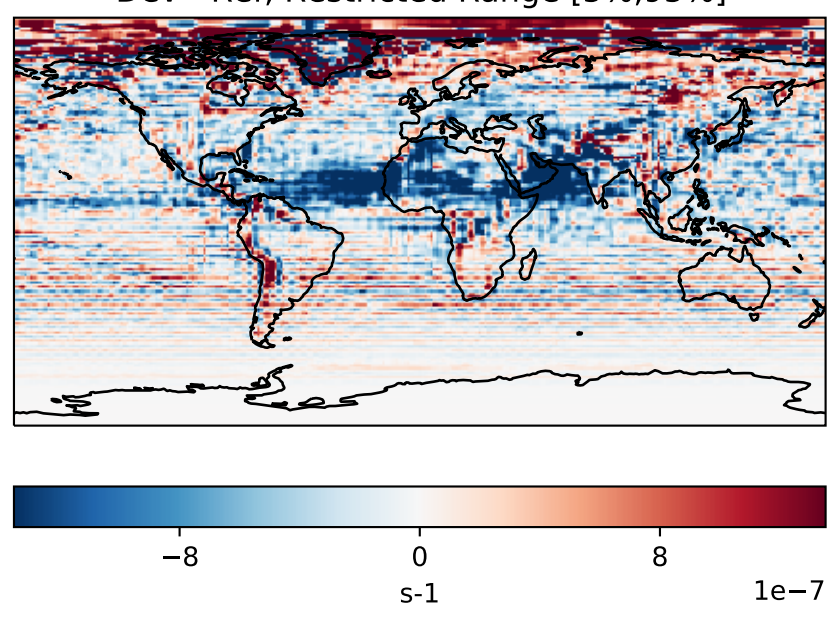
GCHP_13.1.0-beta.1 (Dev)
c48



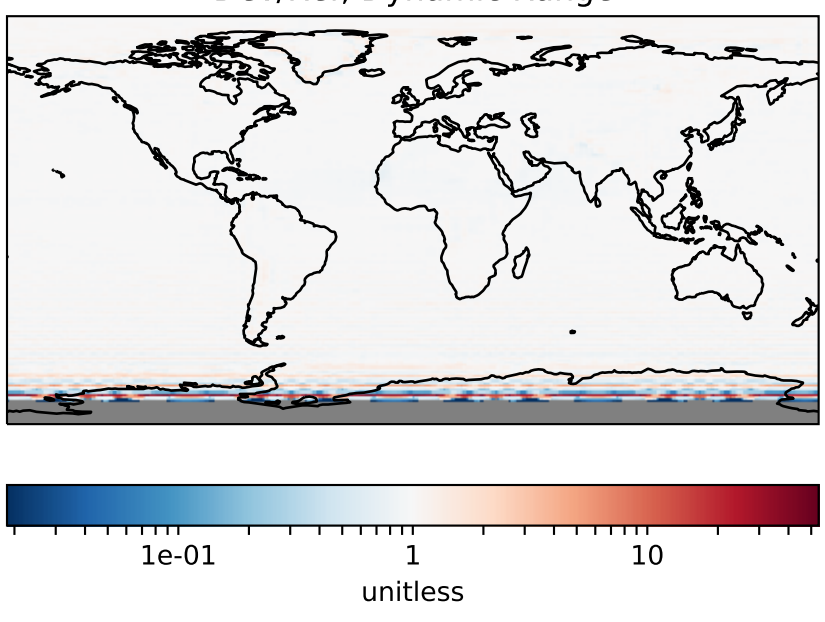
Difference (1x1.25)
Dev - Ref, Dynamic Range



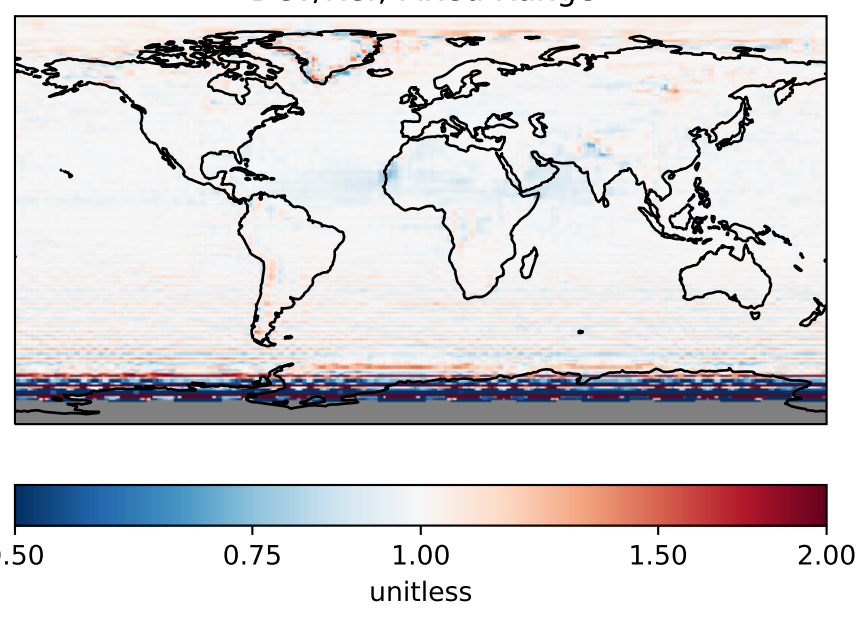
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

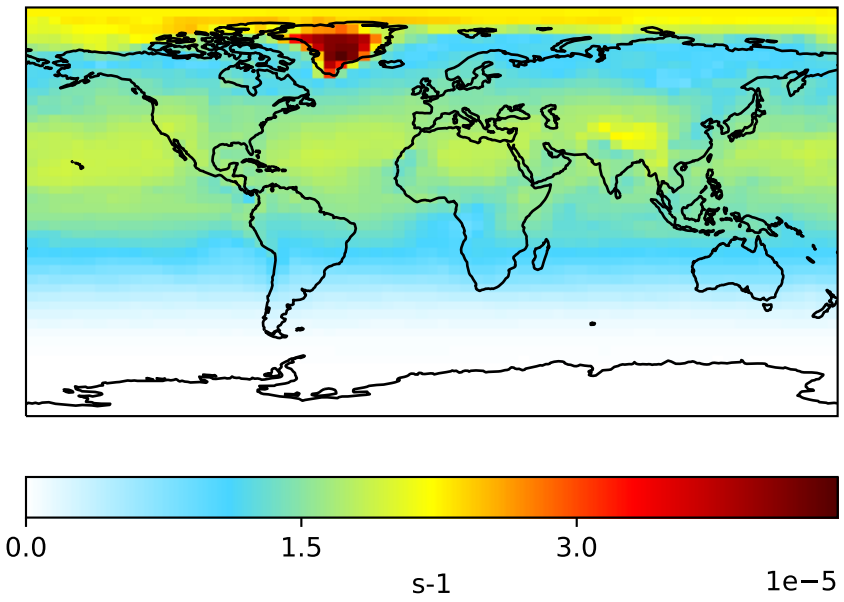


Ratio (1x1.25)
Dev/Ref, Fixed Range

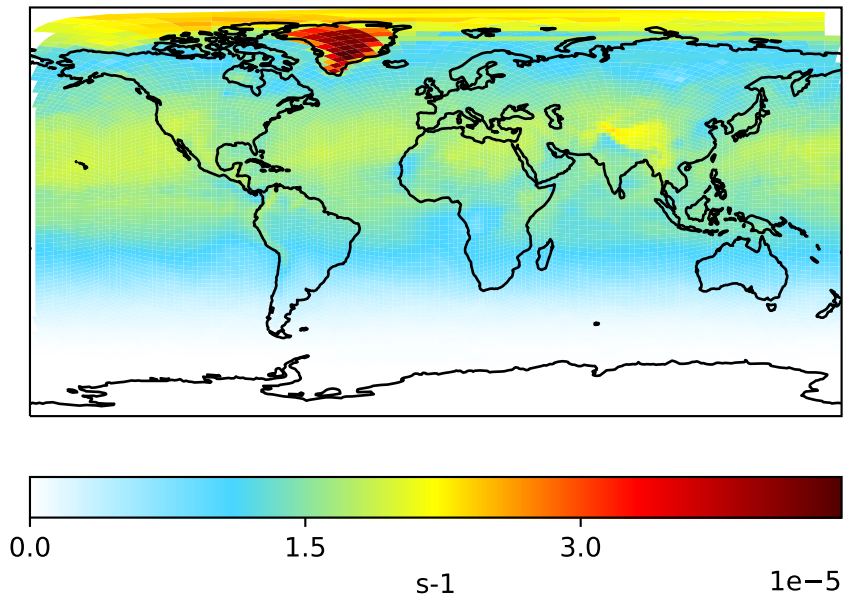


Jval_MCRHP

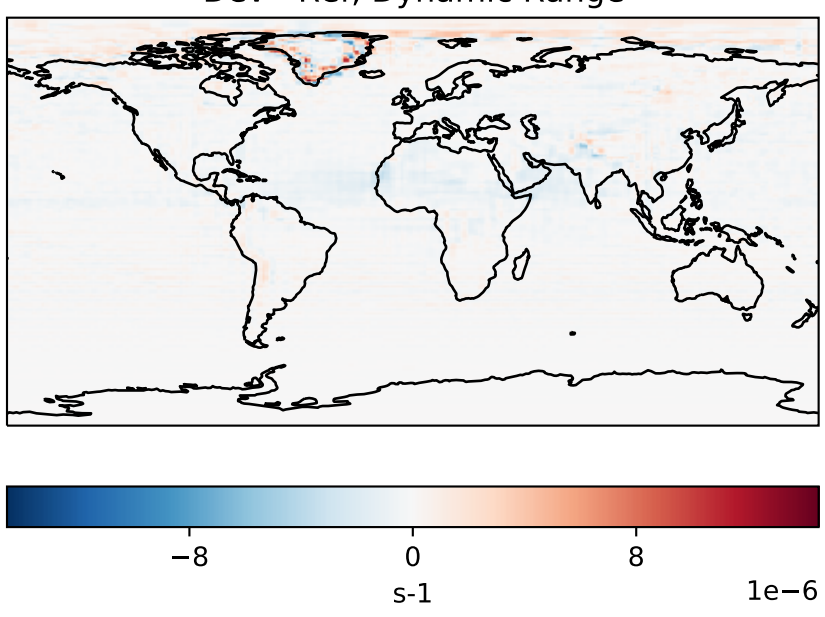
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



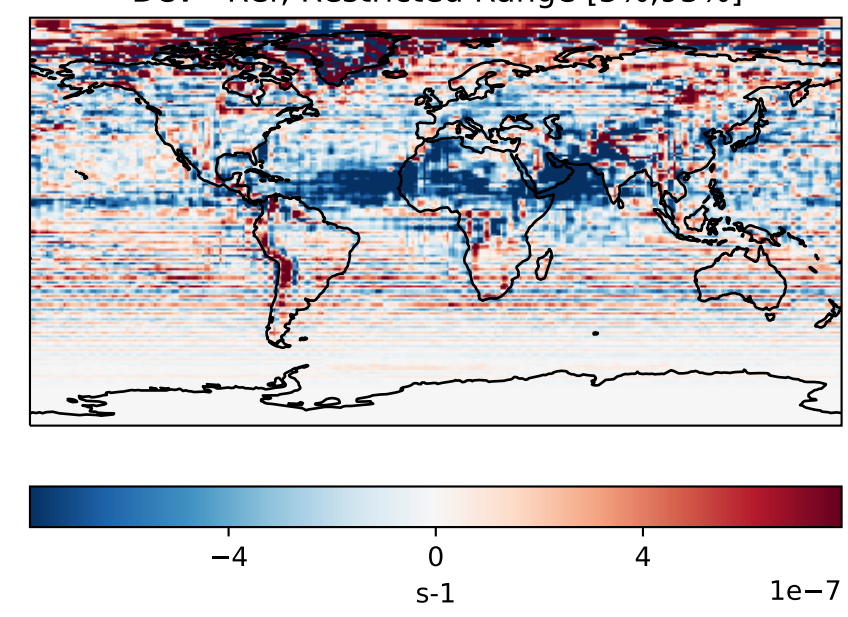
GCHP_13.1.0-beta.1 (Dev)
c48



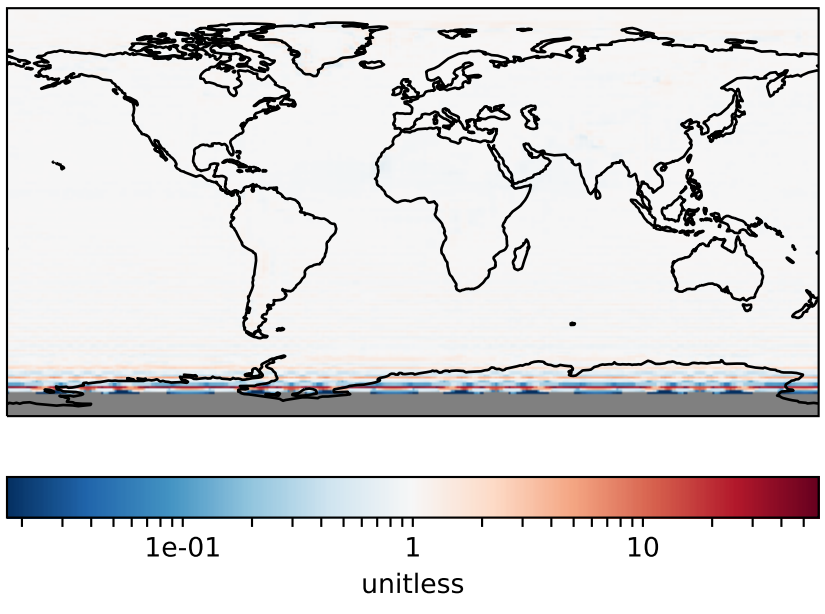
Difference (1x1.25)
Dev - Ref, Dynamic Range



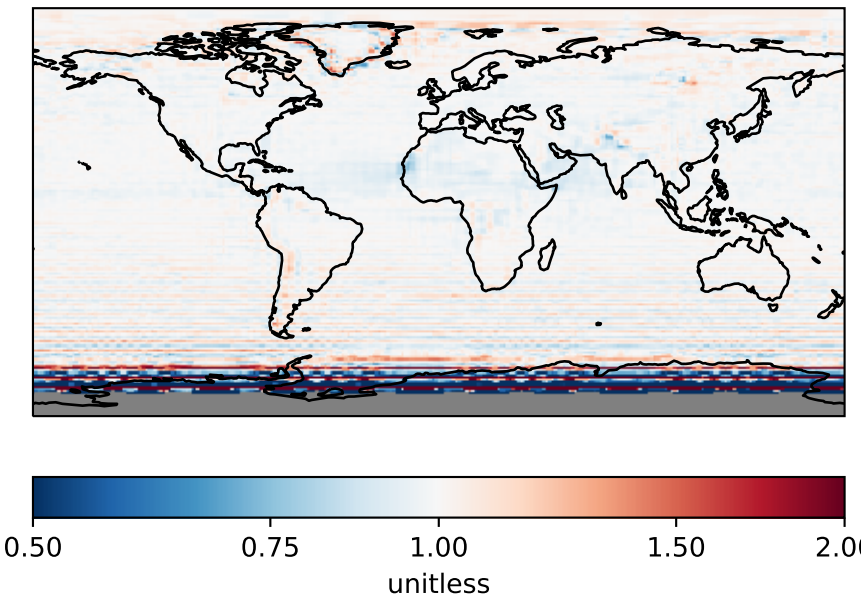
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

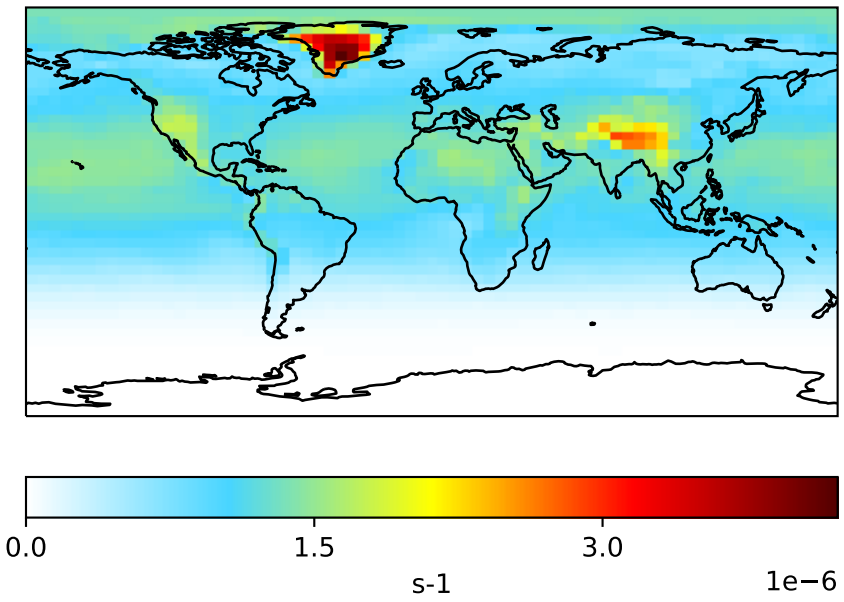


Ratio (1x1.25)
Dev/Ref, Fixed Range

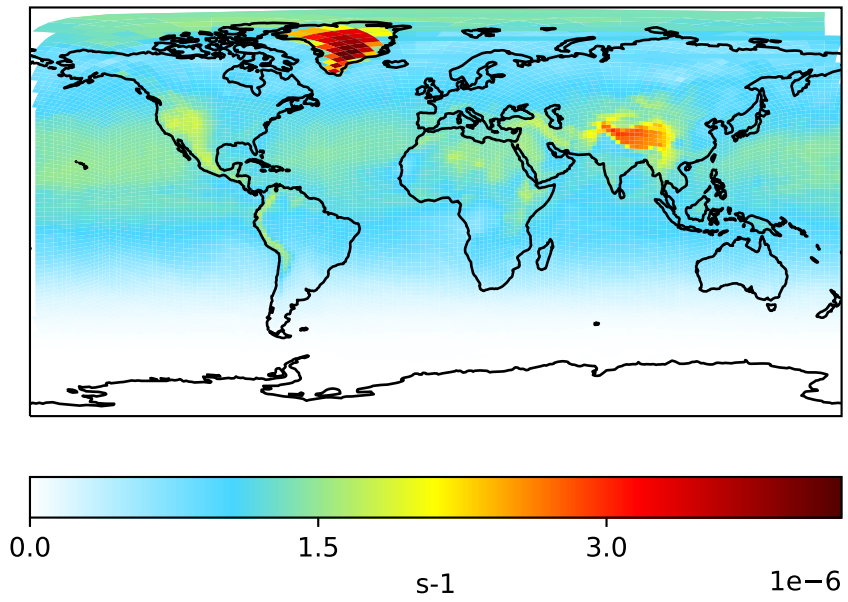


Jval_MEK

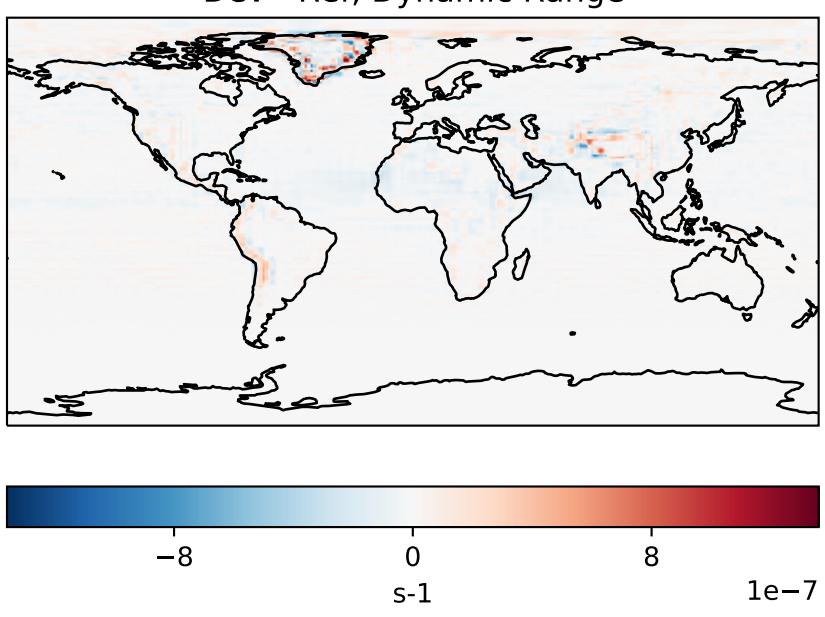
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



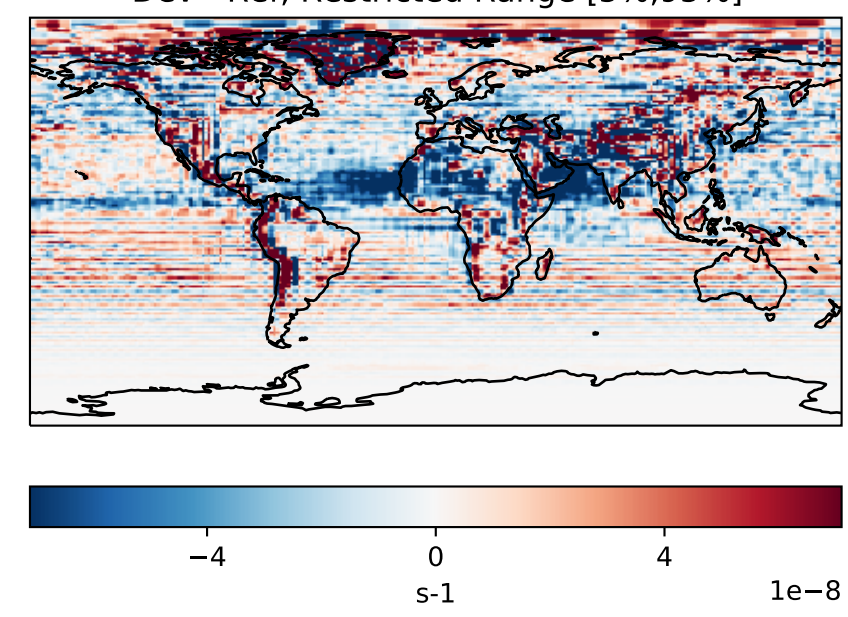
GCHP_13.1.0-beta.1 (Dev)
c48



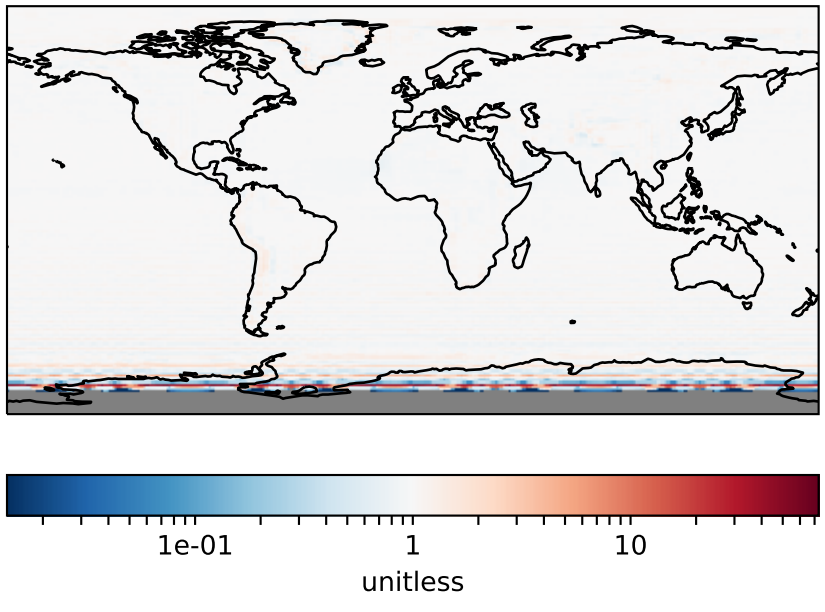
Difference (1x1.25)
Dev - Ref, Dynamic Range



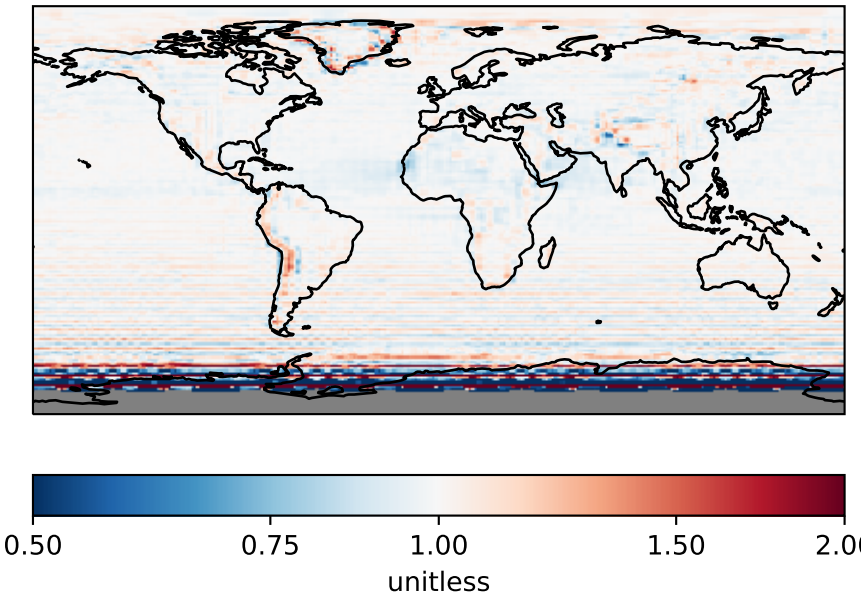
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

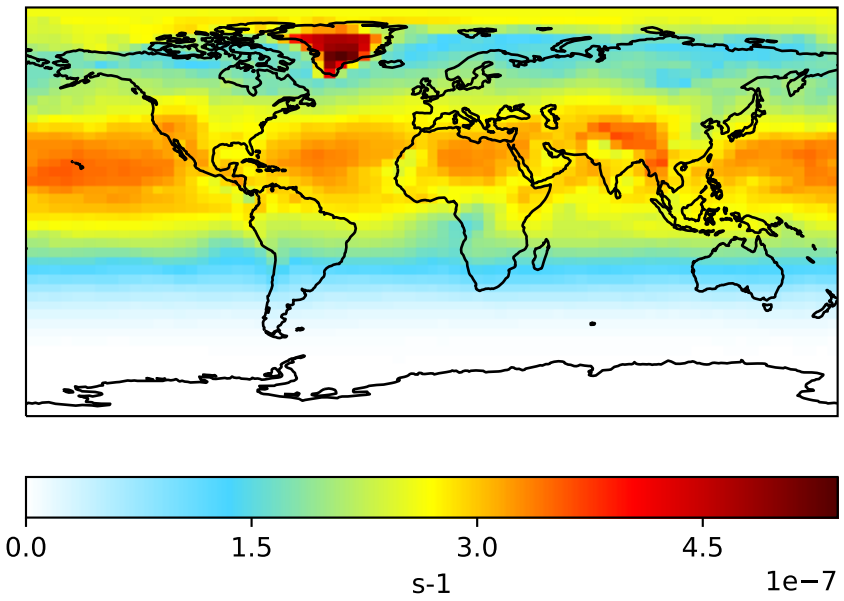


Ratio (1x1.25)
Dev/Ref, Fixed Range

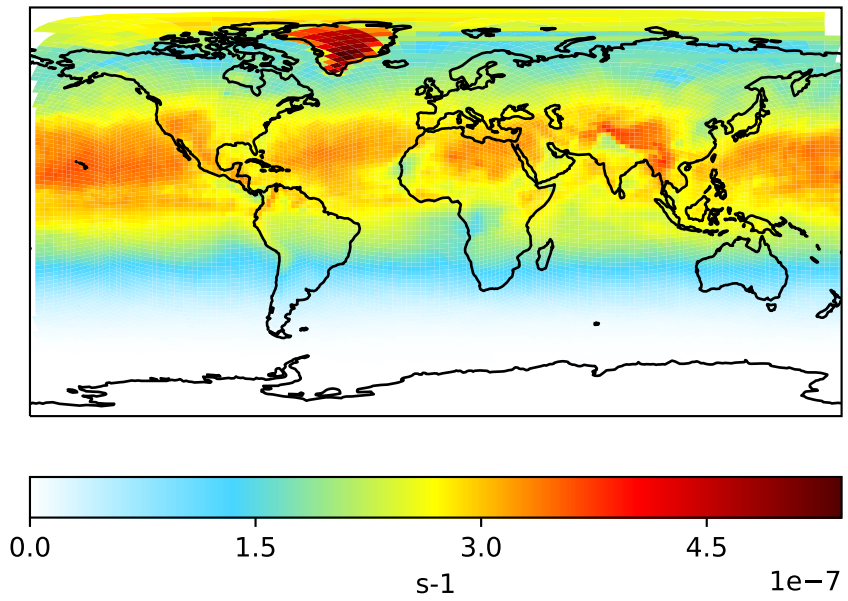


Jval_MENO3

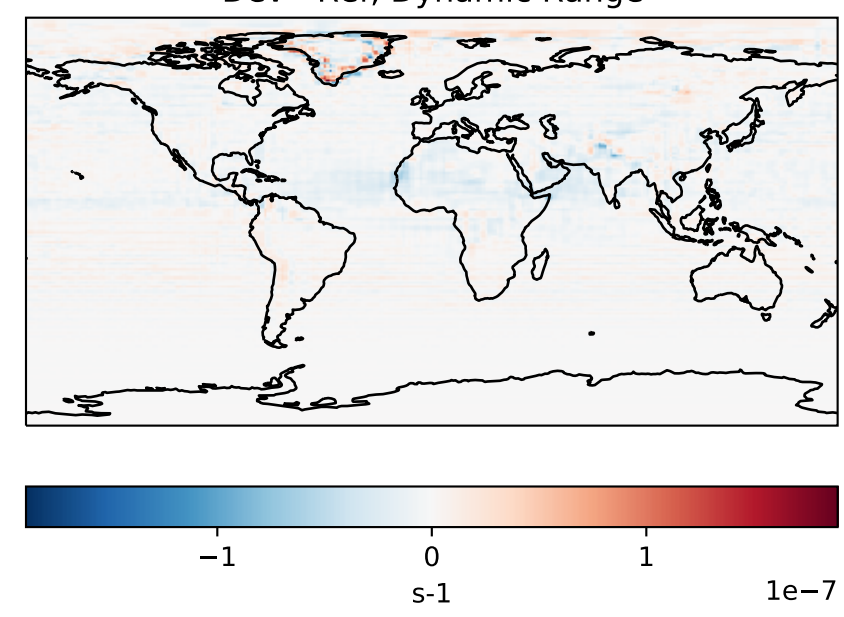
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



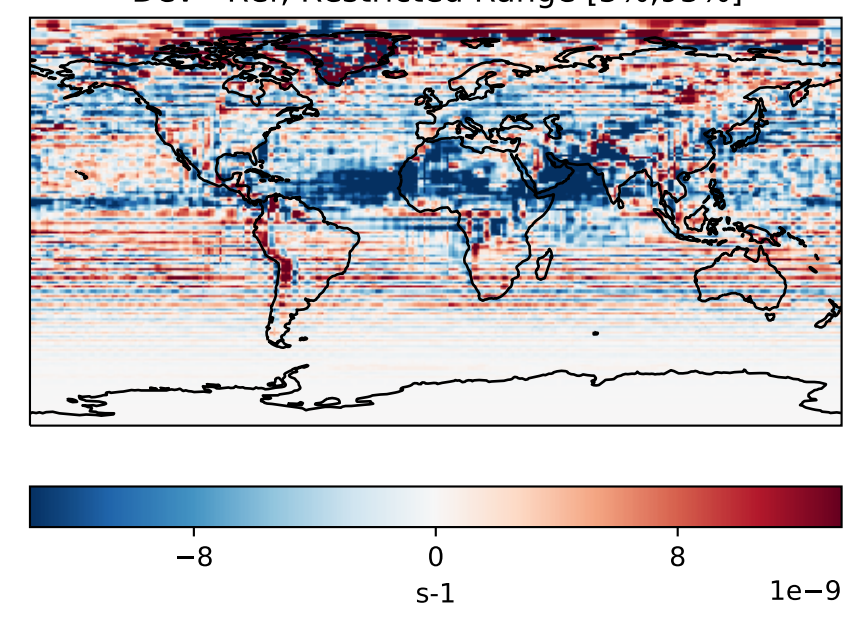
GCHP_13.1.0-beta.1 (Dev)
c48



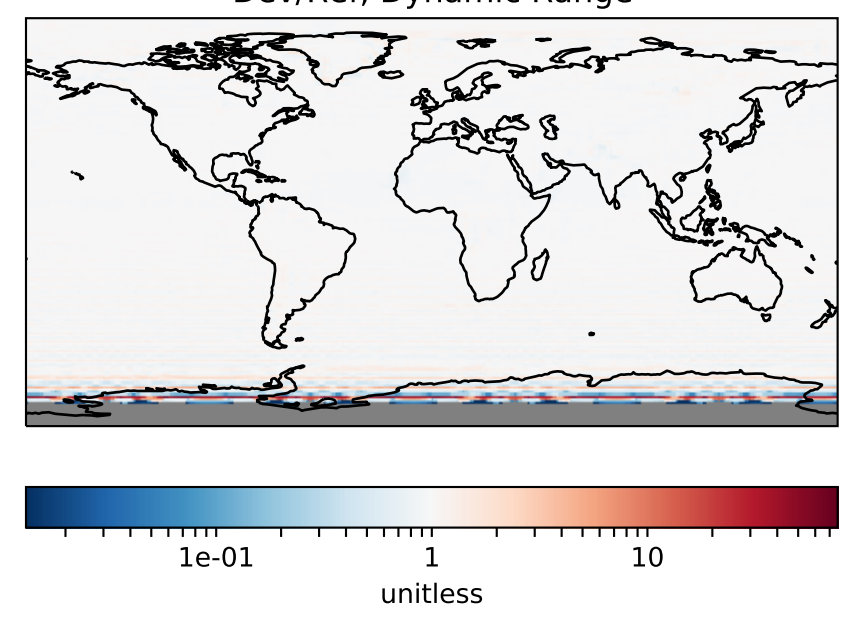
Difference (1x1.25)
Dev - Ref, Dynamic Range



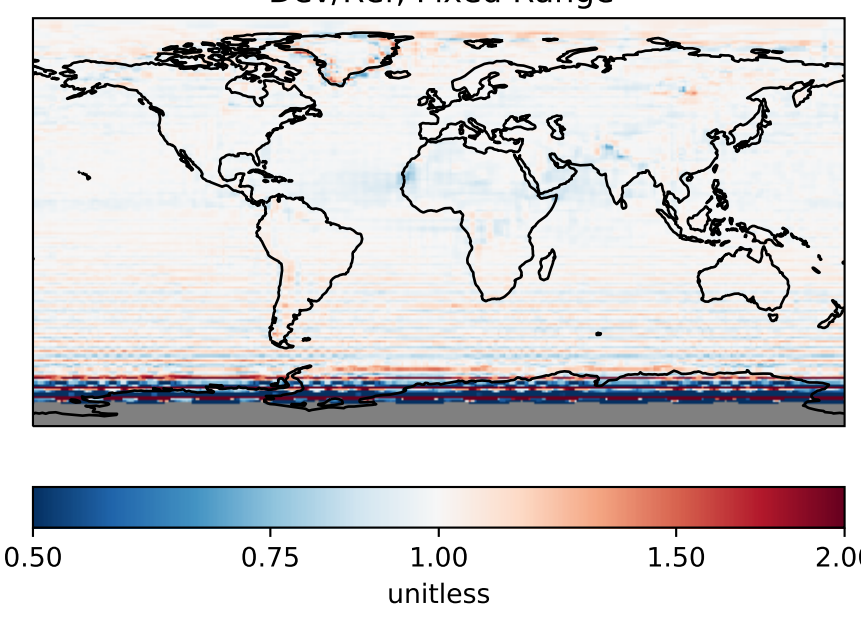
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

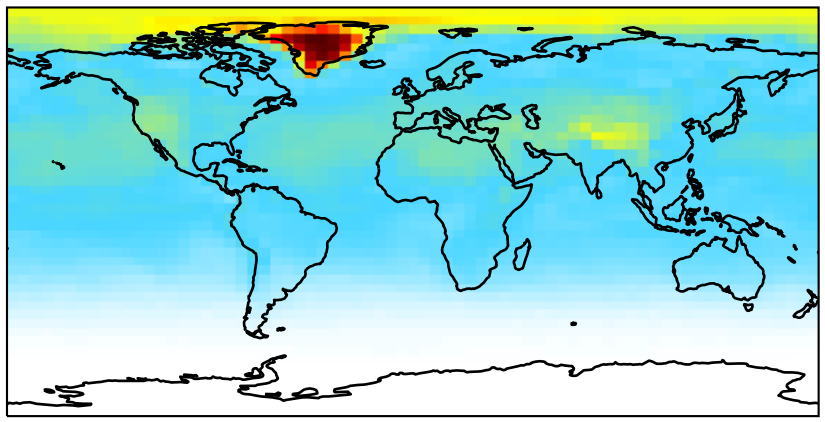


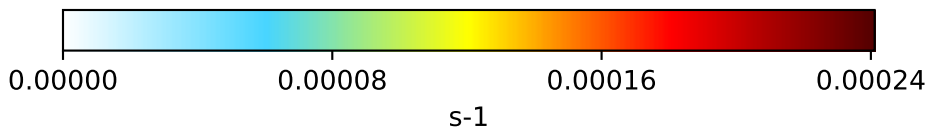
Ratio (1x1.25)
Dev/Ref, Fixed Range



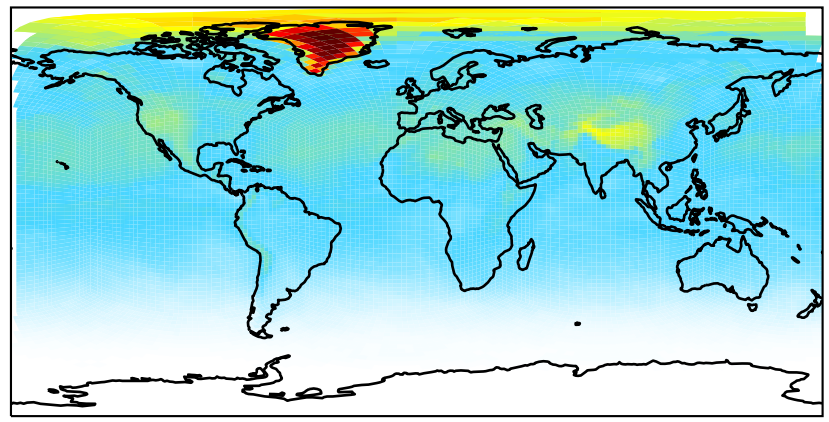
Jval_MGLY

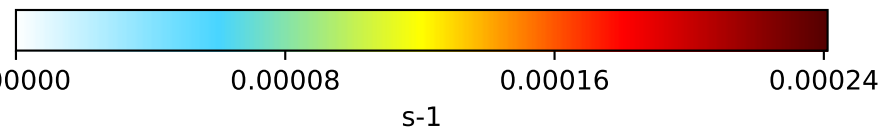
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



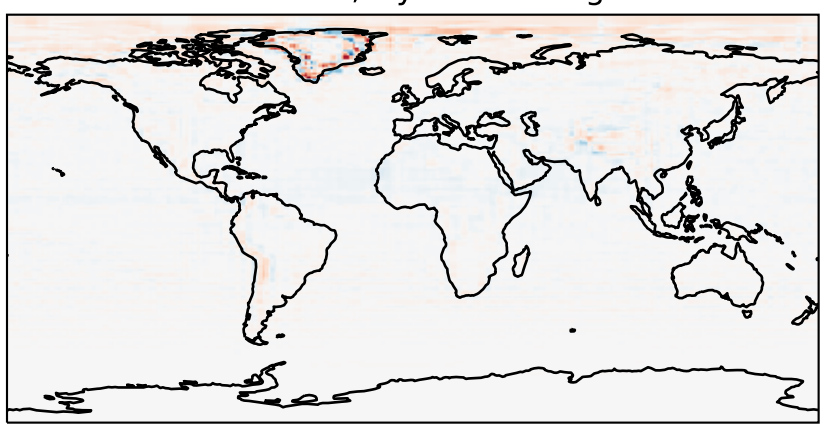


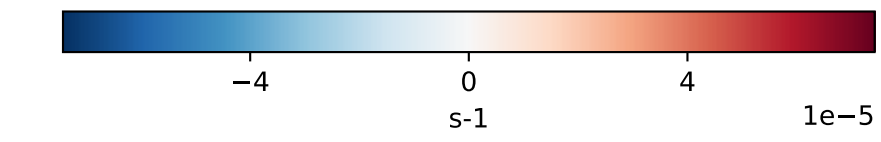
GCHP_13.1.0-beta.1 (Dev)
c48



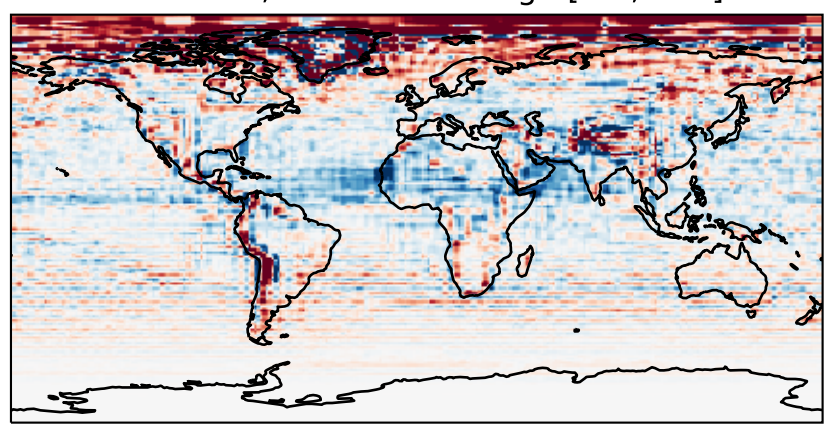


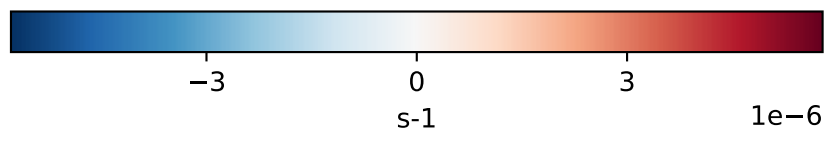
Difference (1x1.25)
Dev - Ref, Dynamic Range



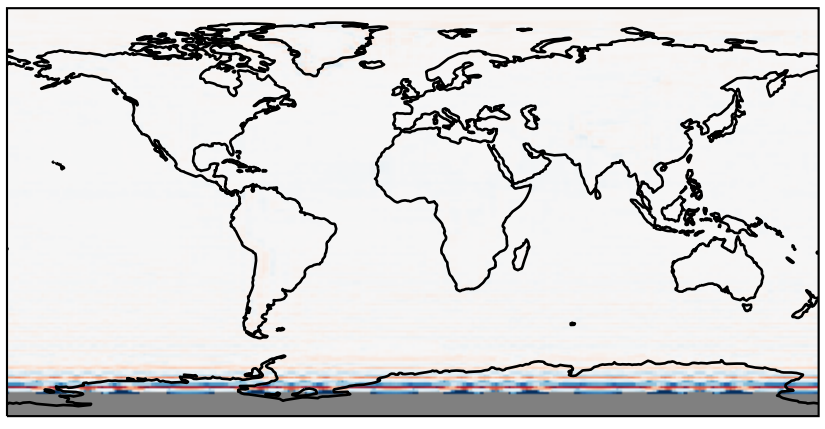


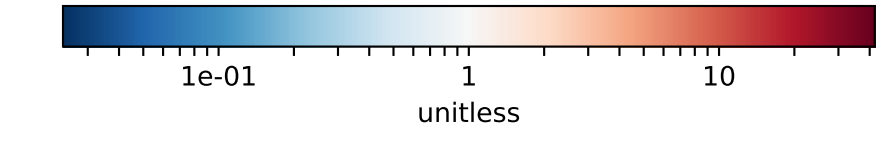
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



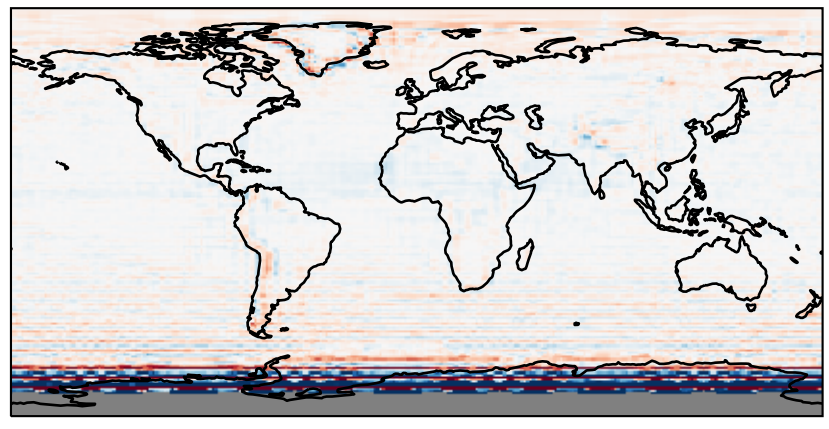


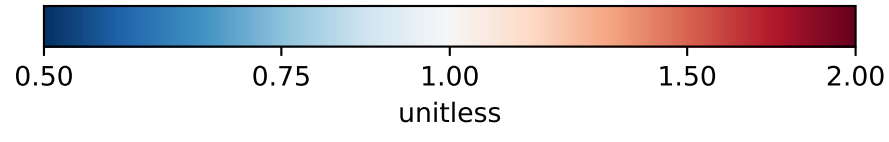
Ratio (1x1.25)
Dev/Ref, Dynamic Range





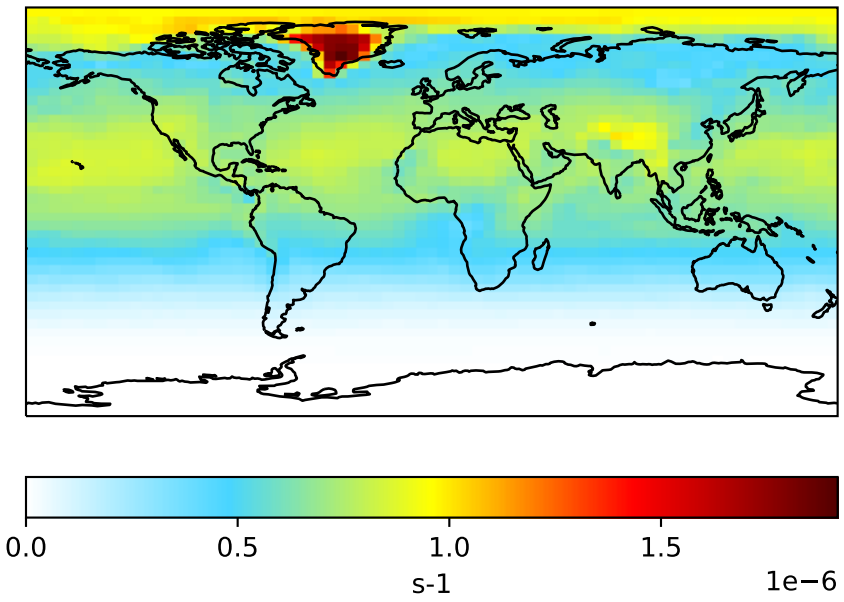
Ratio (1x1.25)
Dev/Ref, Fixed Range



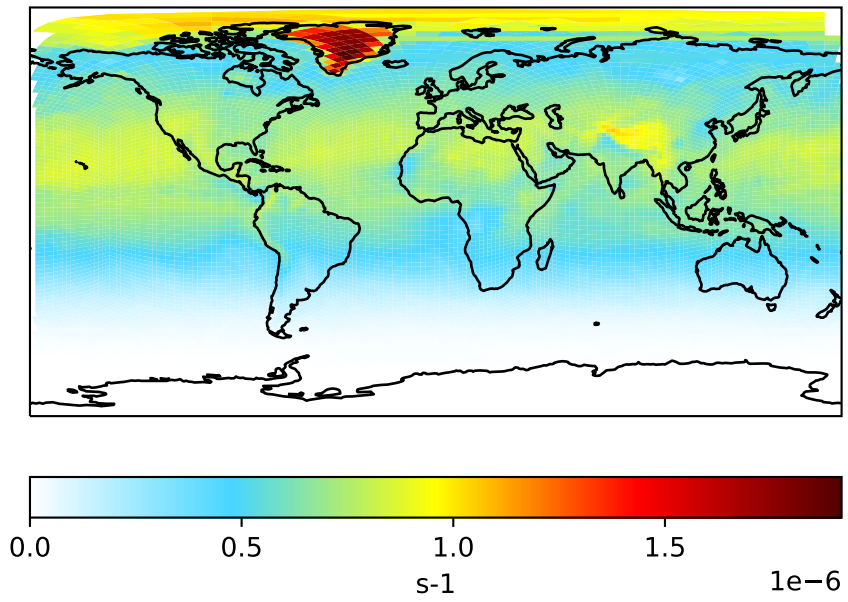


Jval_MONITS

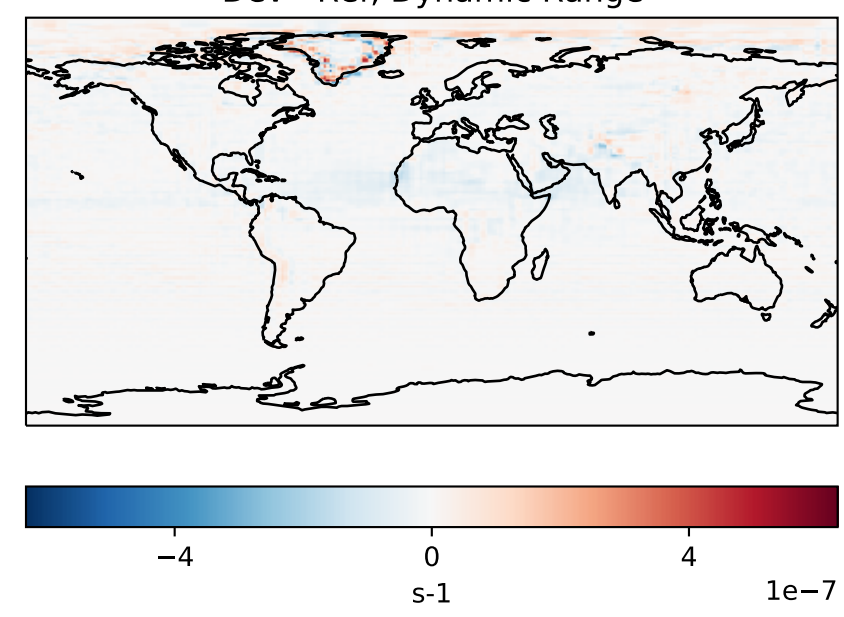
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



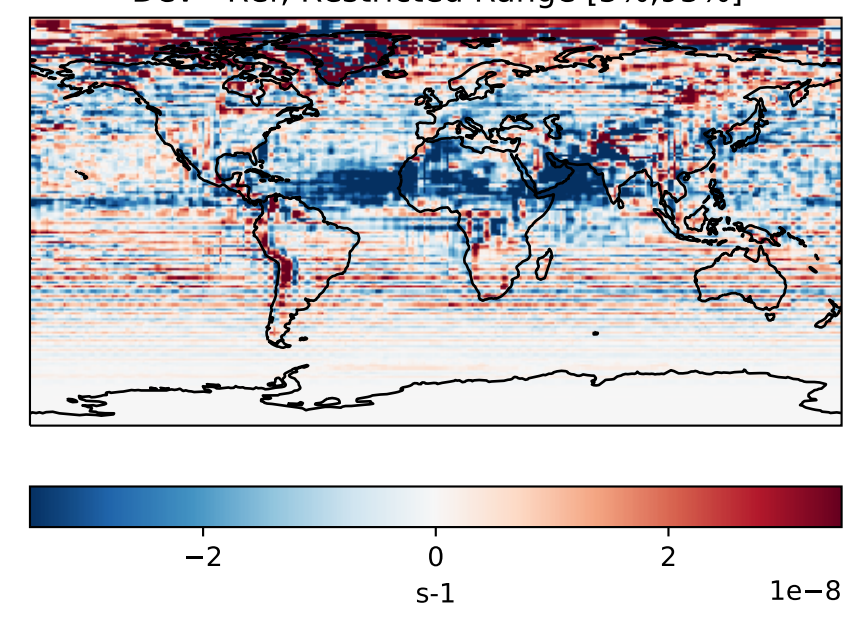
GCHP_13.1.0-beta.1 (Dev)
c48



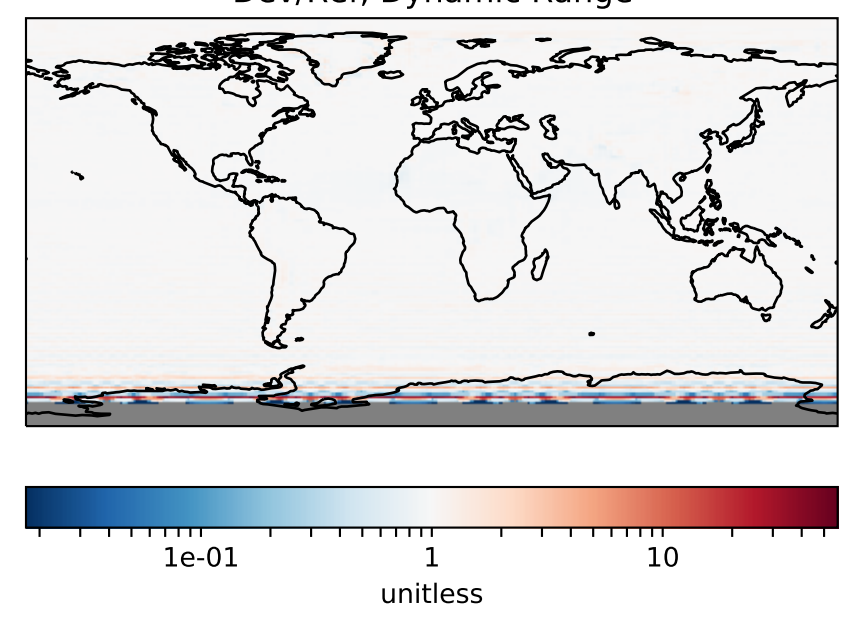
Difference (1x1.25)
Dev - Ref, Dynamic Range



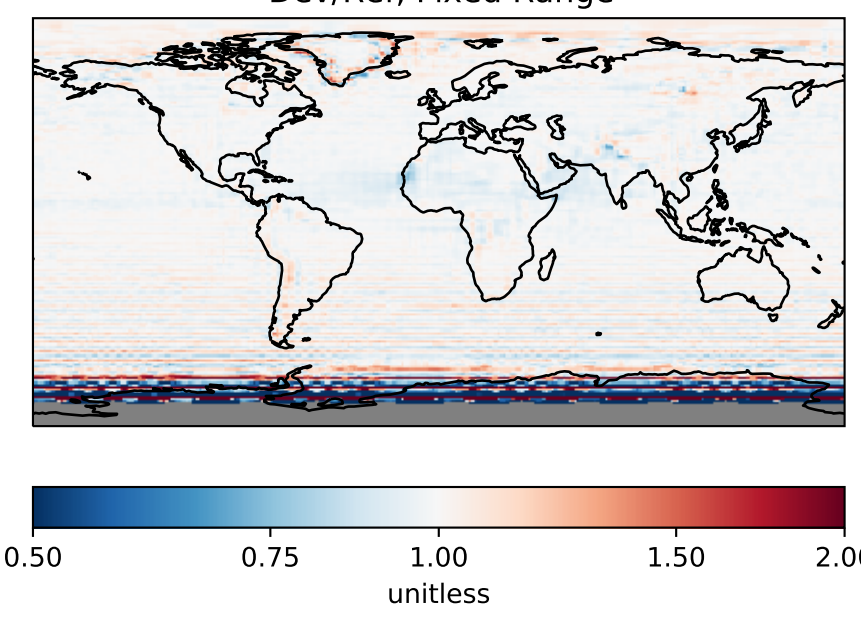
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

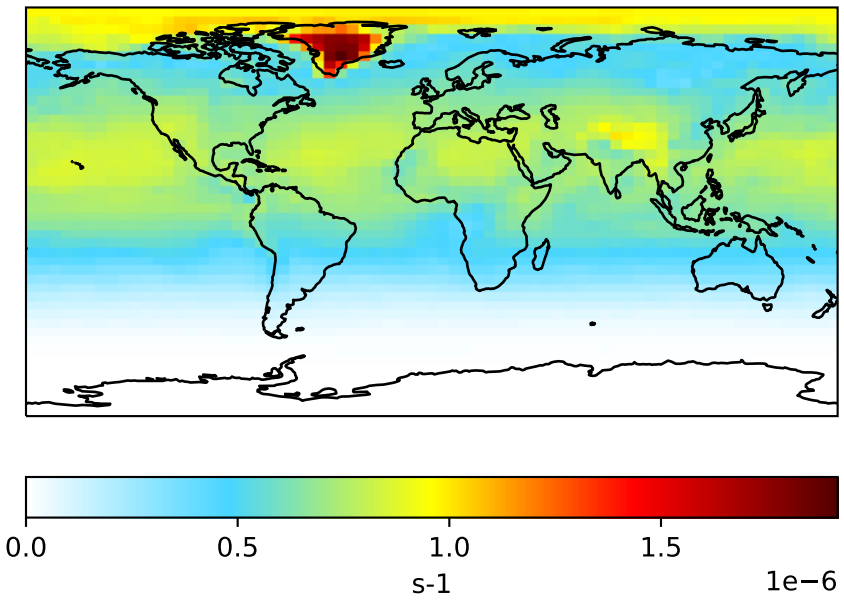


Ratio (1x1.25)
Dev/Ref, Fixed Range

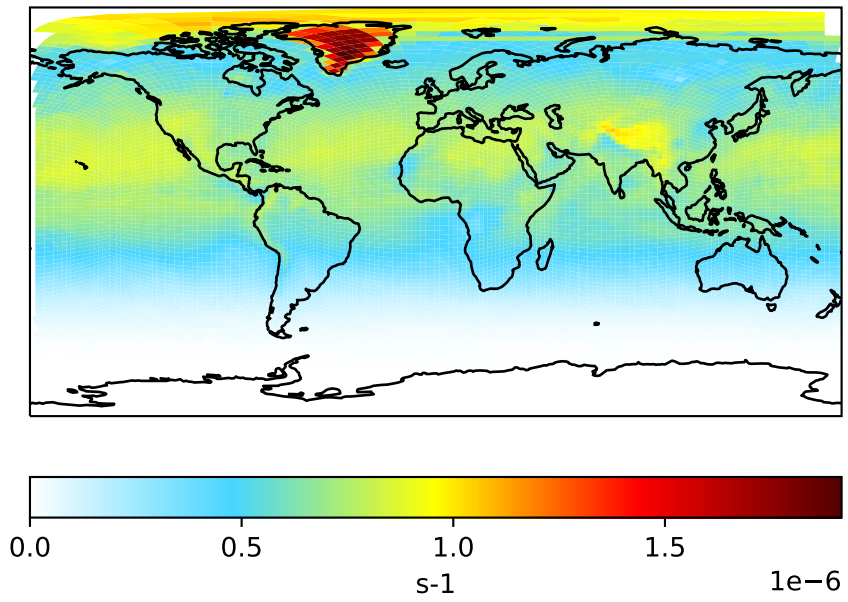


Jval_MONITU

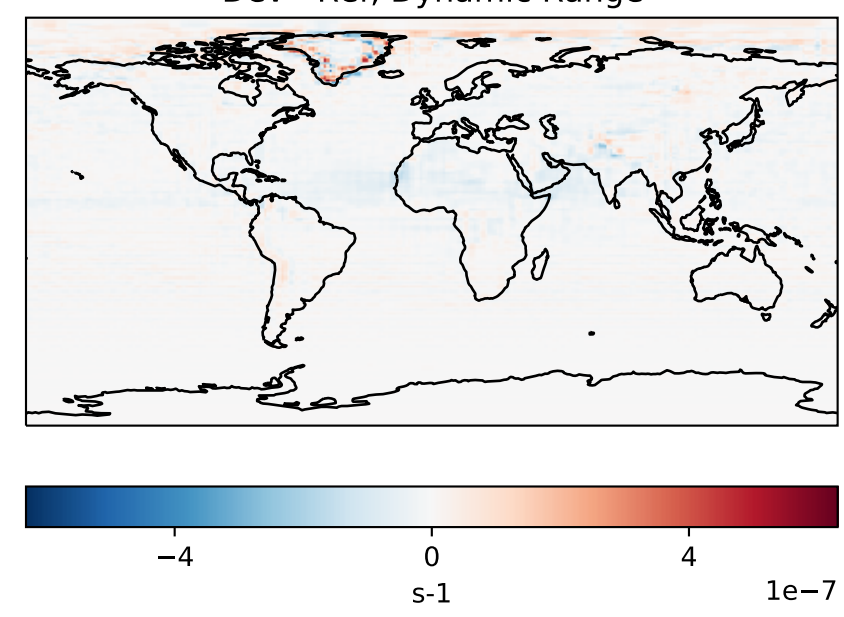
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



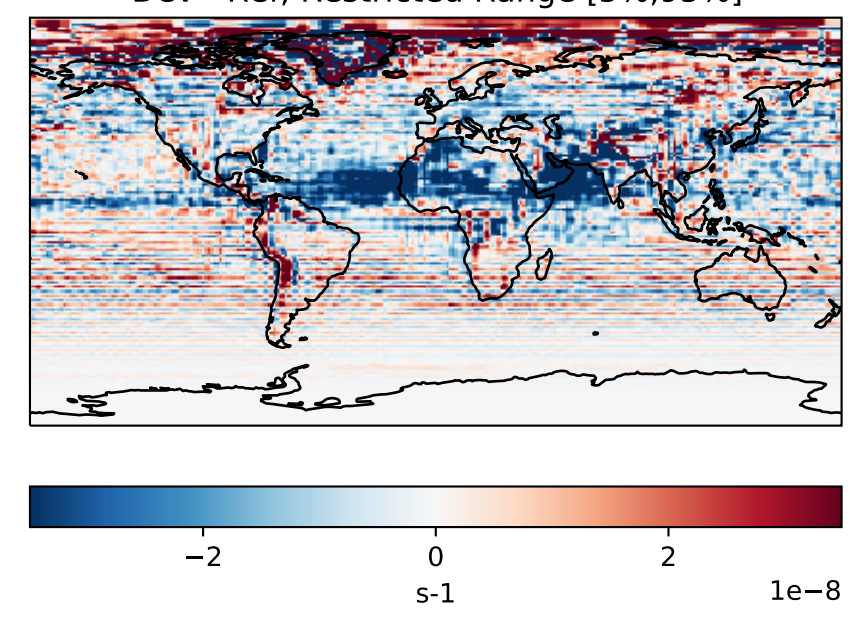
GCHP_13.1.0-beta.1 (Dev)
c48



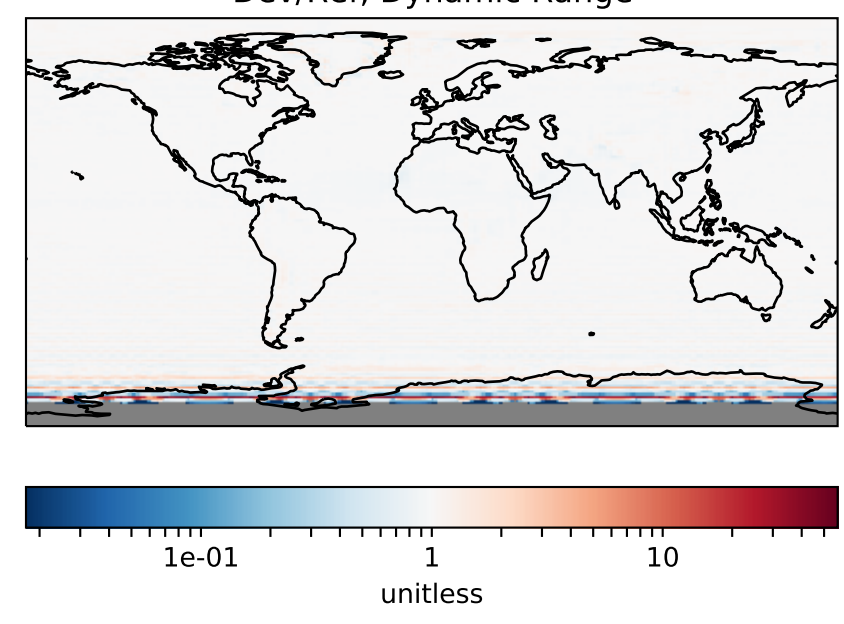
Difference (1x1.25)
Dev - Ref, Dynamic Range



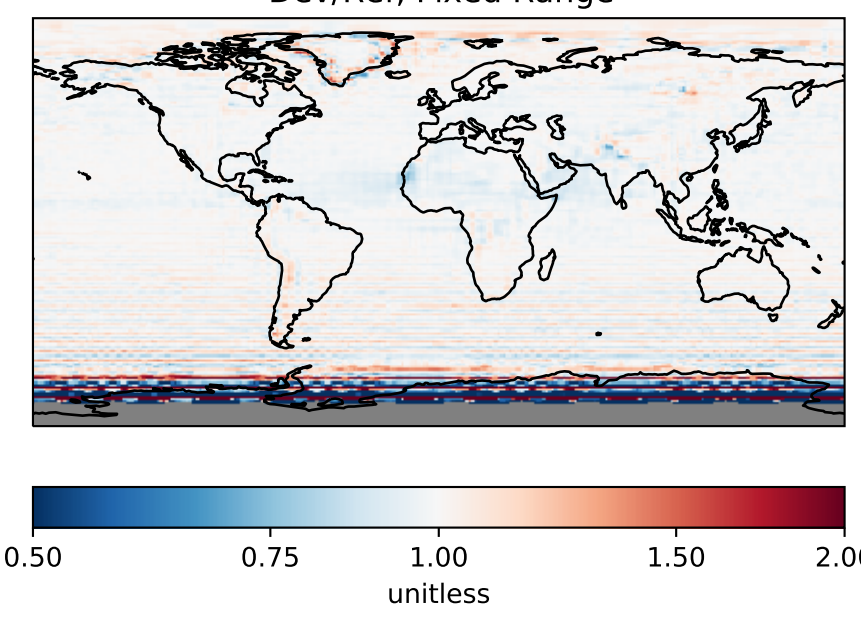
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

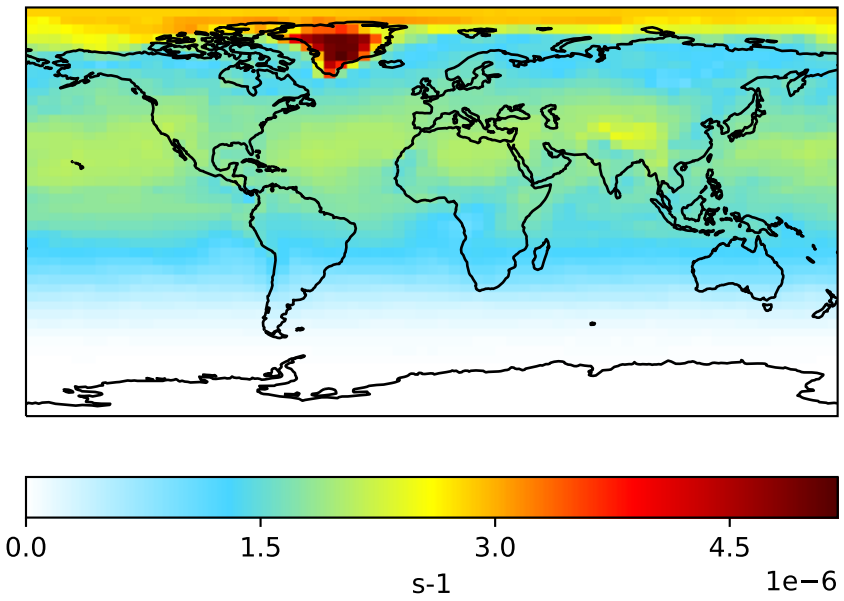


Ratio (1x1.25)
Dev/Ref, Fixed Range

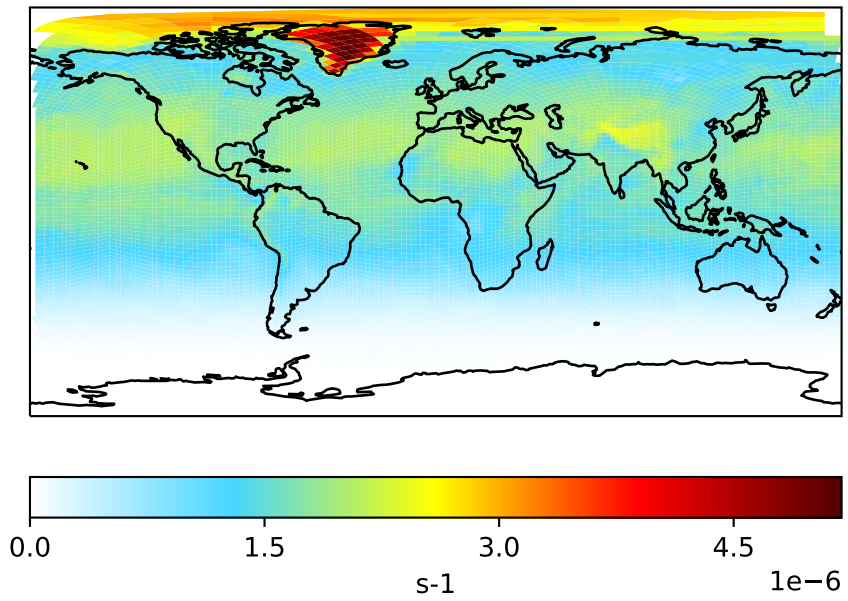


Jval_MP

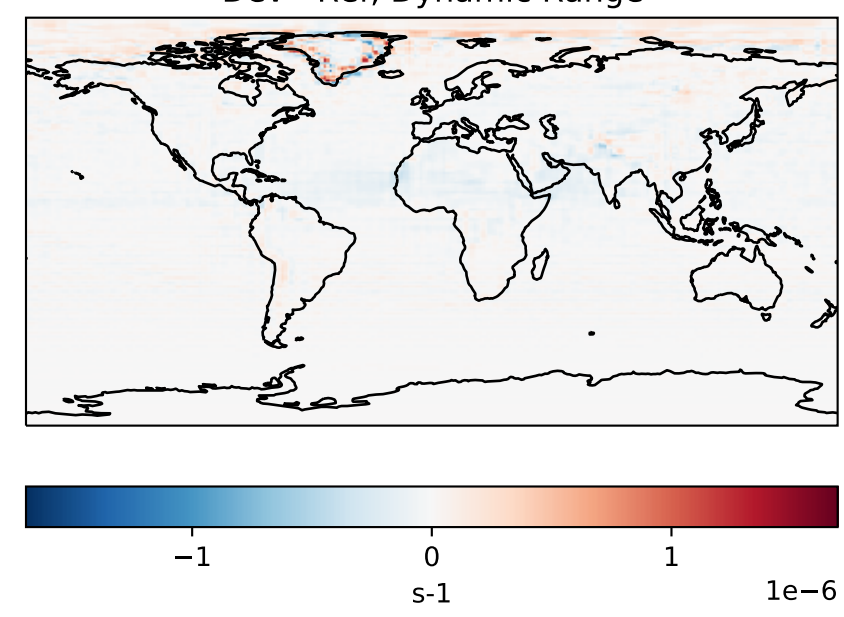
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



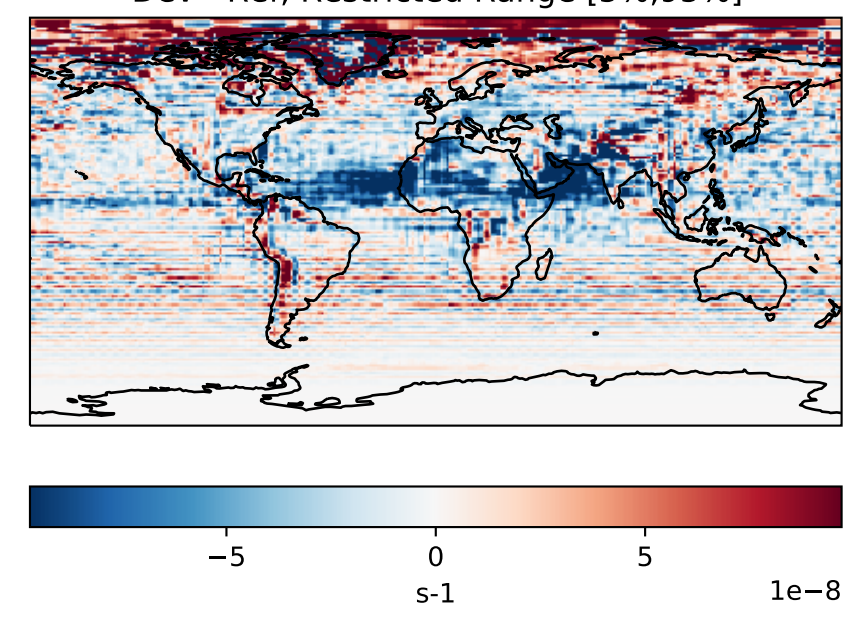
GCHP_13.1.0-beta.1 (Dev)
c48



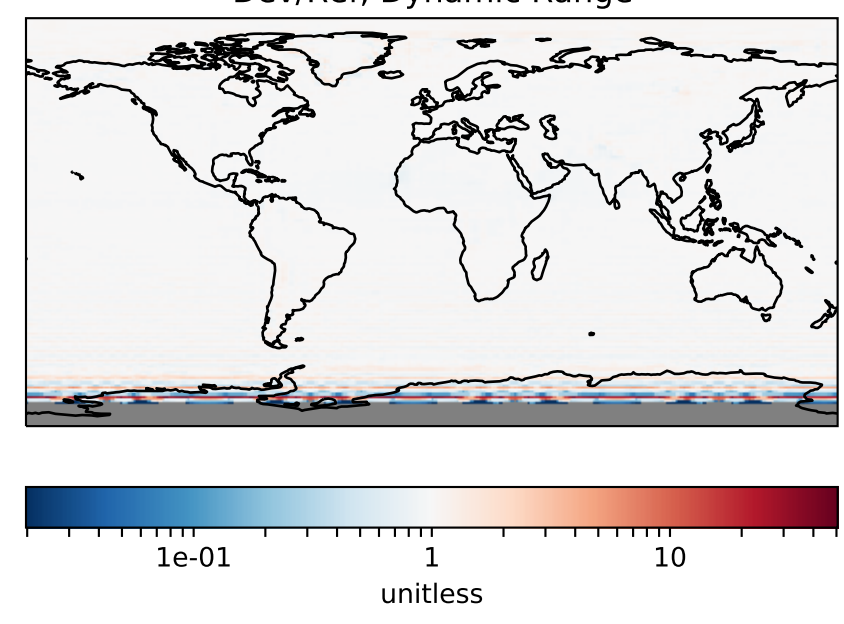
Difference (1x1.25)
Dev - Ref, Dynamic Range



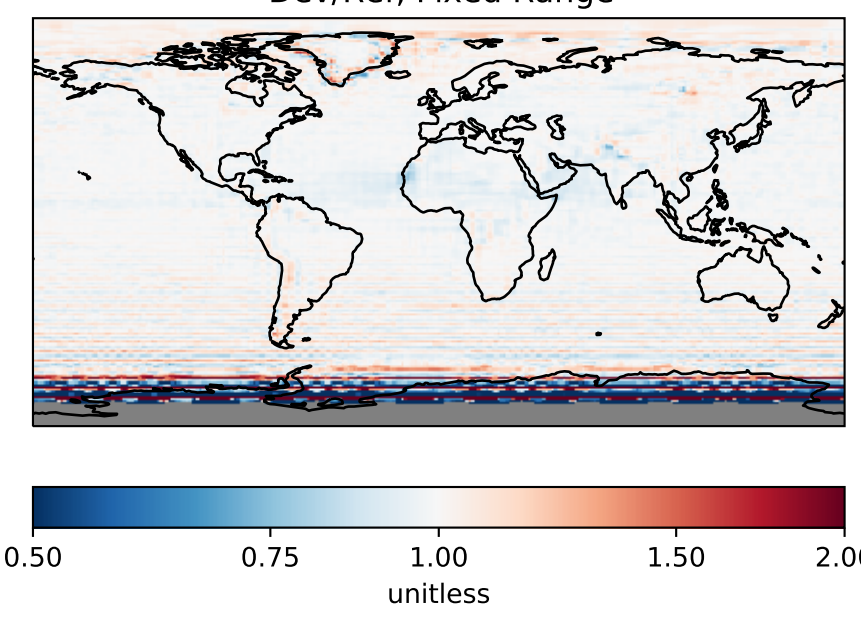
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

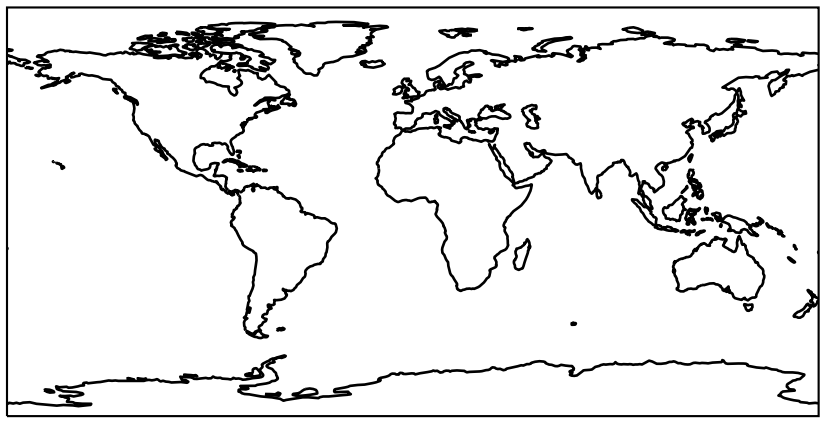


Ratio (1x1.25)
Dev/Ref, Fixed Range



Jval_MPAN

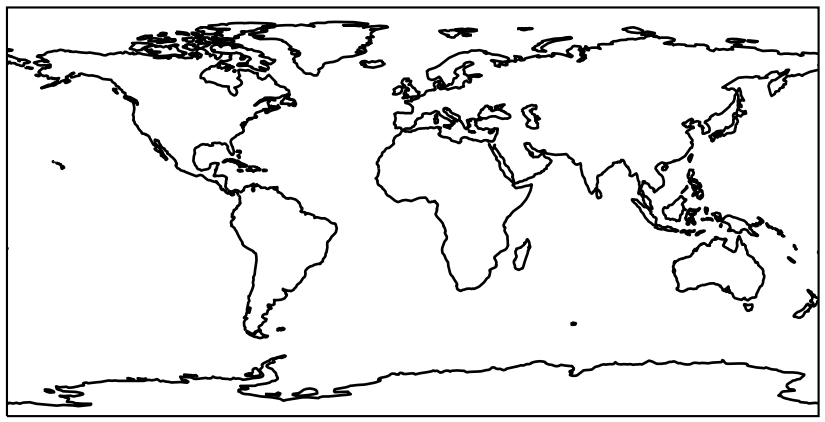
GCC_13.1.0-beta.1 (Ref)
4.0x5.0





Zero throughout domain
s-1

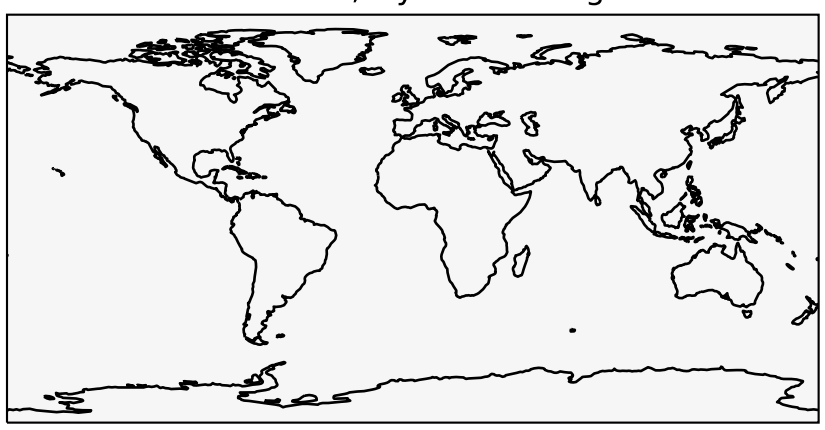
GCHP_13.1.0-beta.1 (Dev)
c48





Zero throughout domain
s-1

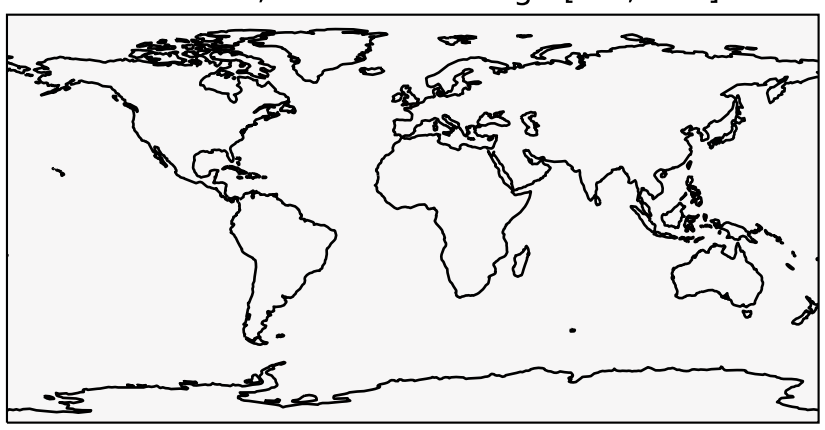
Difference (1x1.25)
Dev - Ref, Dynamic Range





Zero throughout domain
s-1

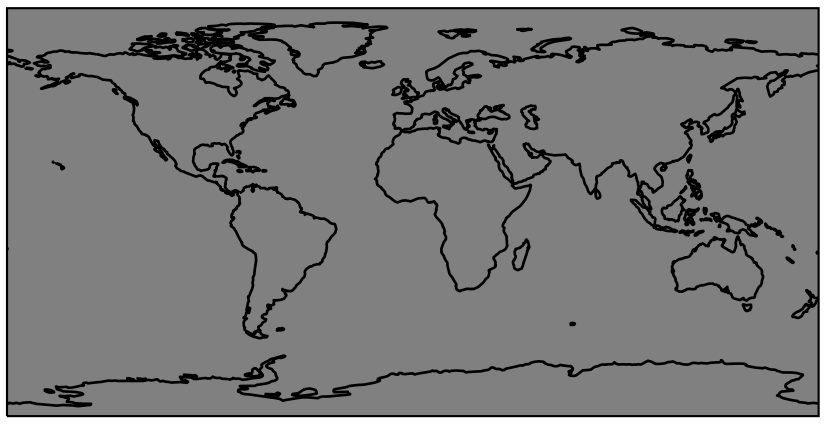
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]





Zero throughout domain
s-1

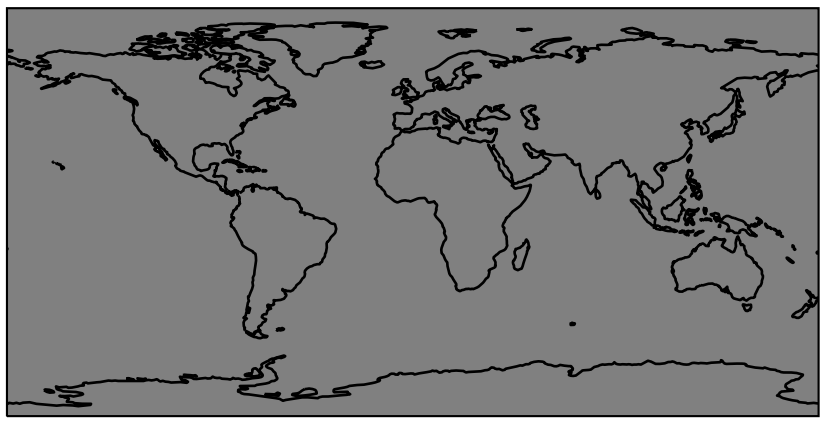
Ratio (1x1.25)
Dev/Ref, Dynamic Range





Undefined throughout domain
unitless

Ratio (1x1.25)
Dev/Ref, Fixed Range

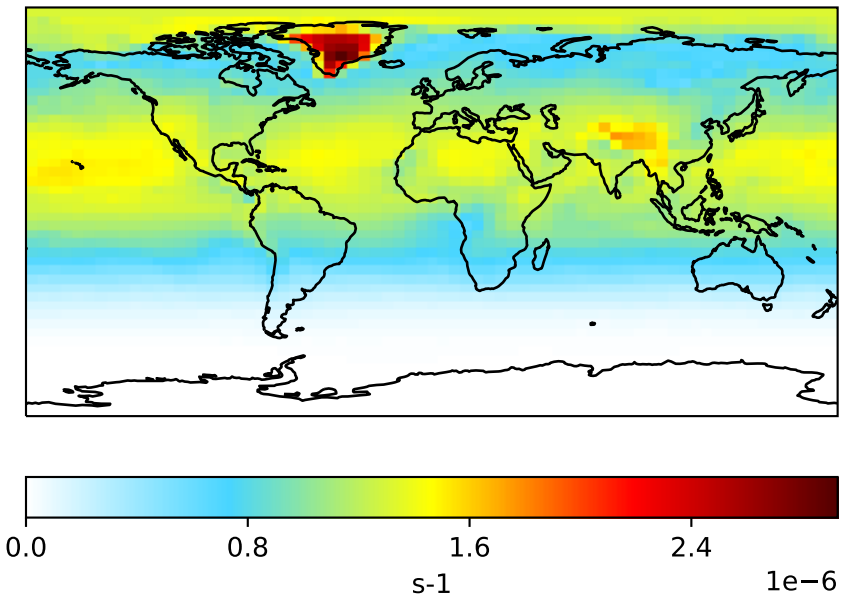




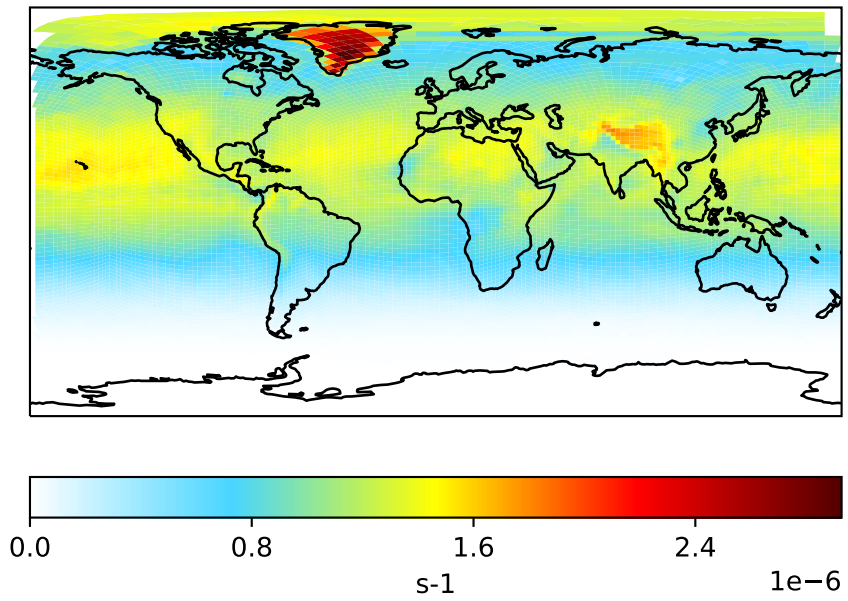
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unitless

Jval_MPN

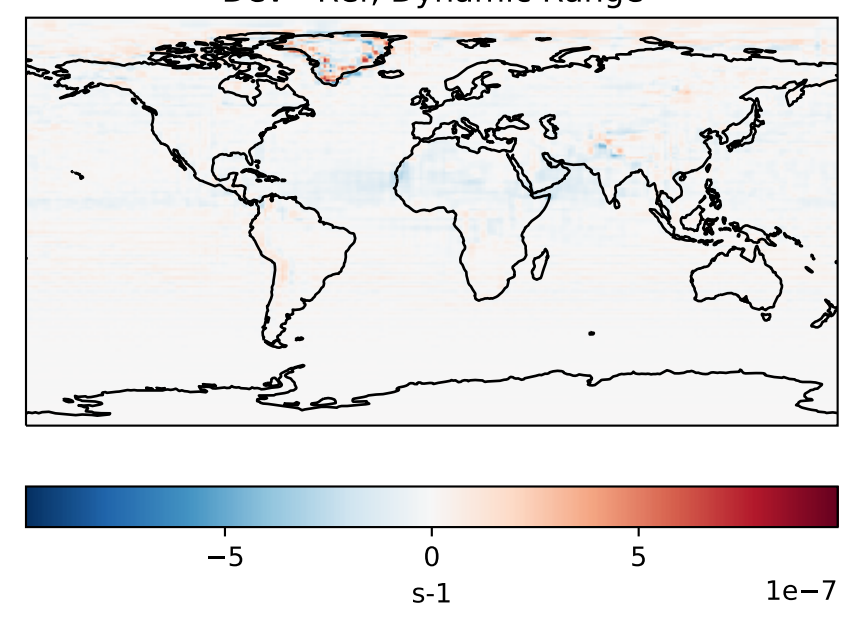
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



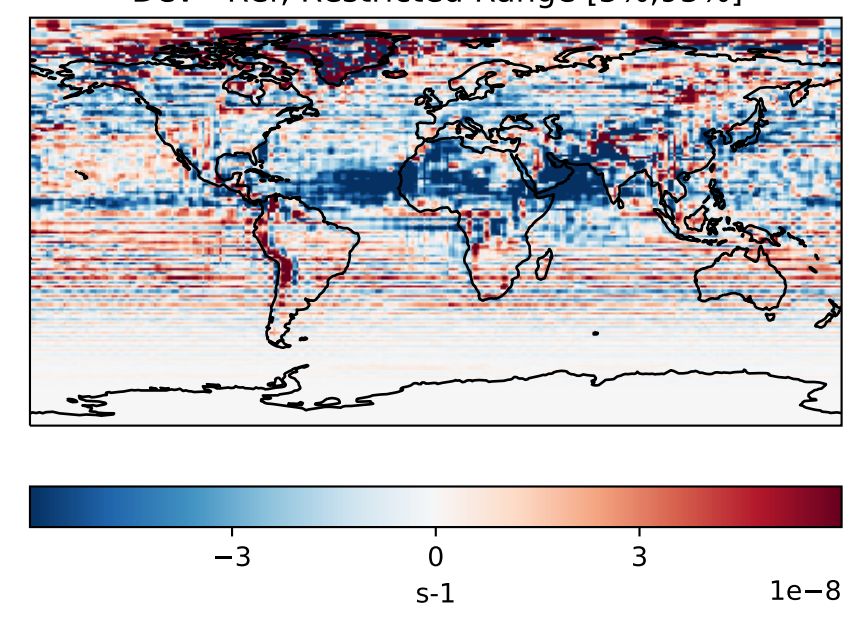
GCHP_13.1.0-beta.1 (Dev)
c48



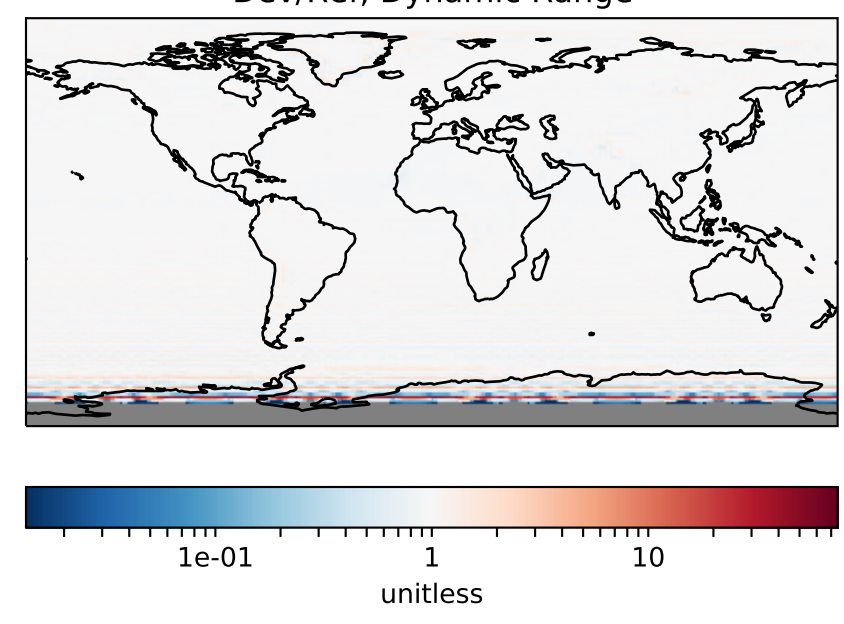
Difference (1x1.25)
Dev - Ref, Dynamic Range



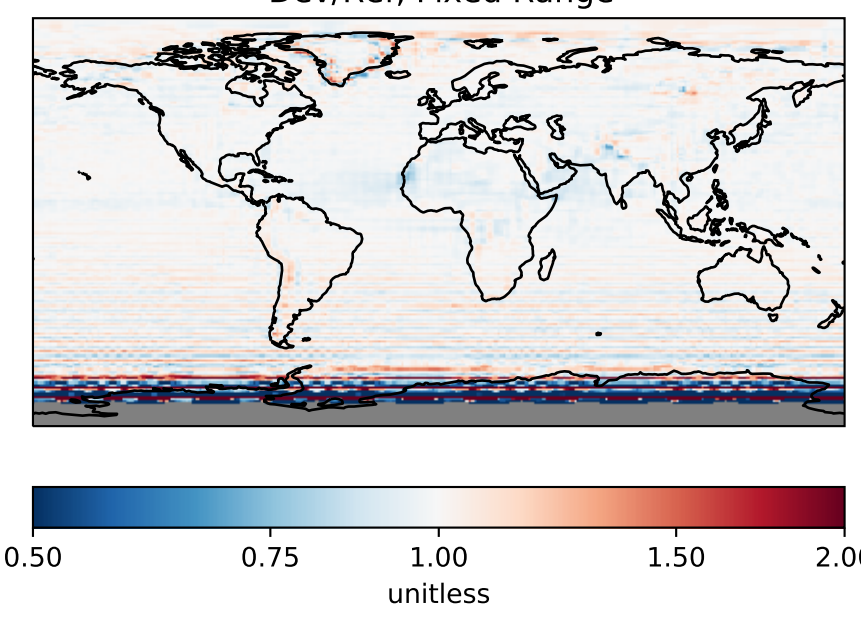
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

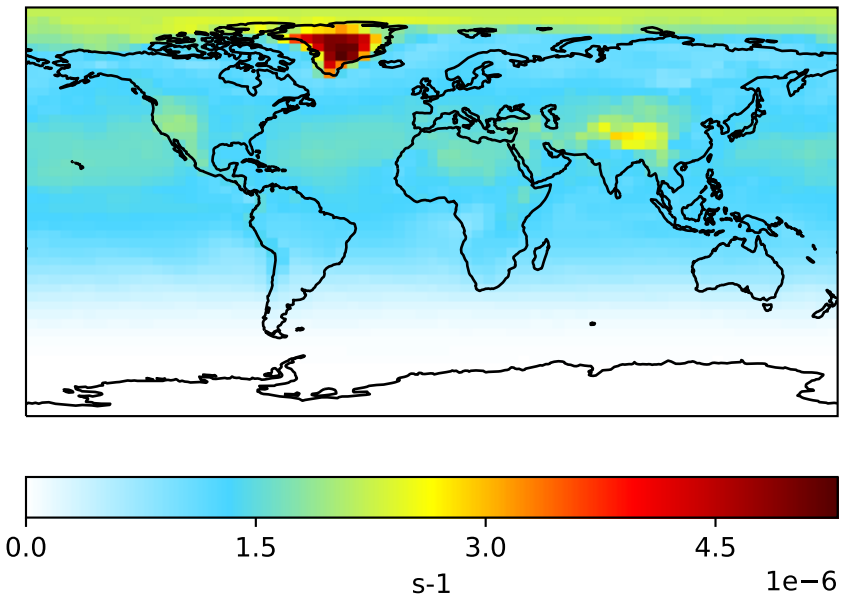


Ratio (1x1.25)
Dev/Ref, Fixed Range

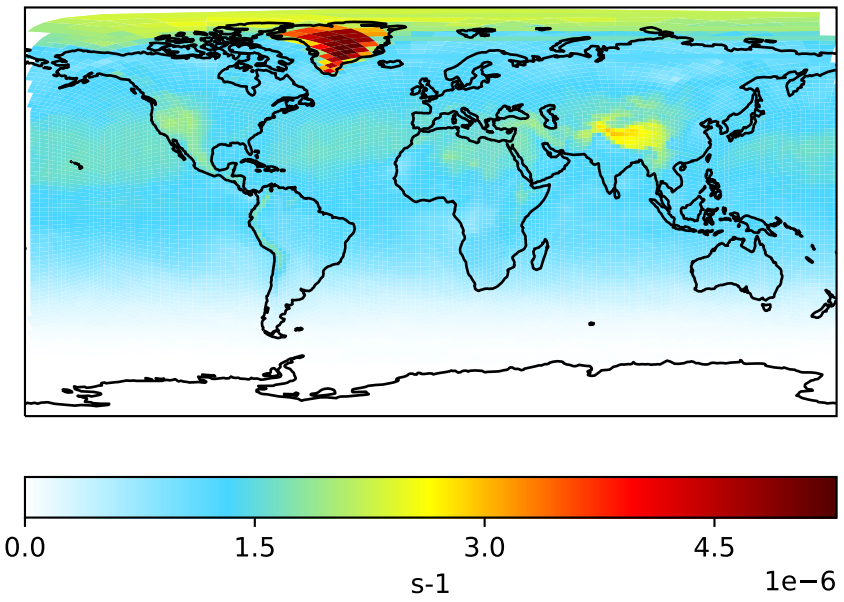


Jval_MVK

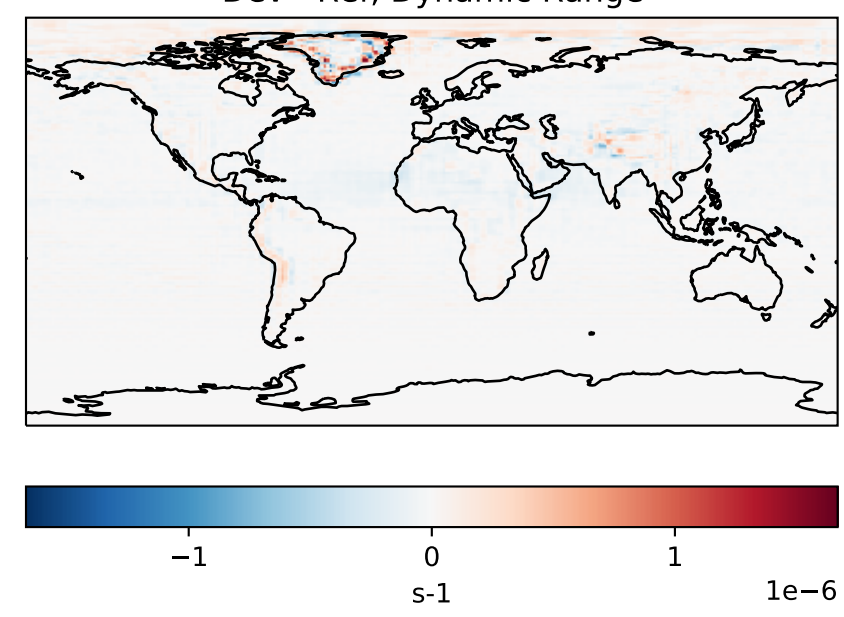
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



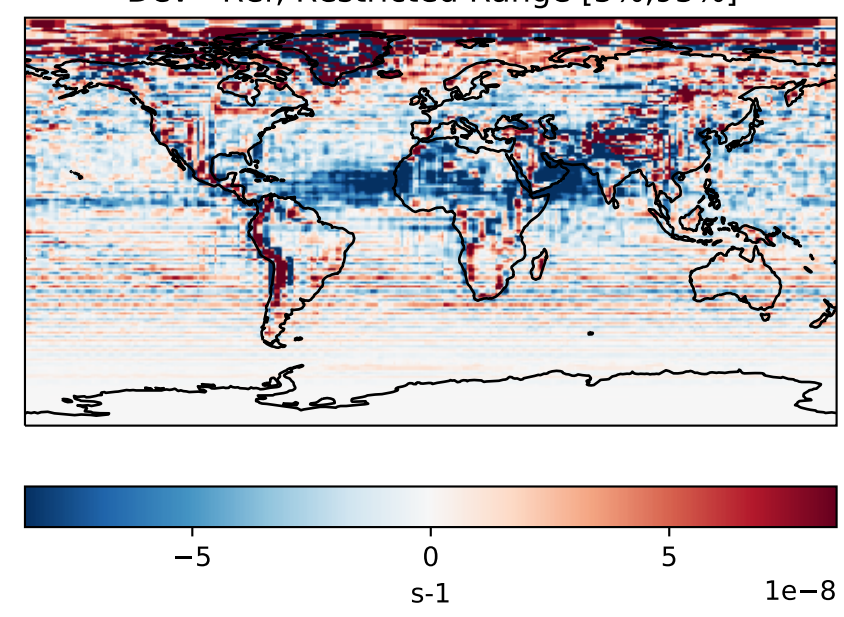
GCHP_13.1.0-beta.1 (Dev)
c48



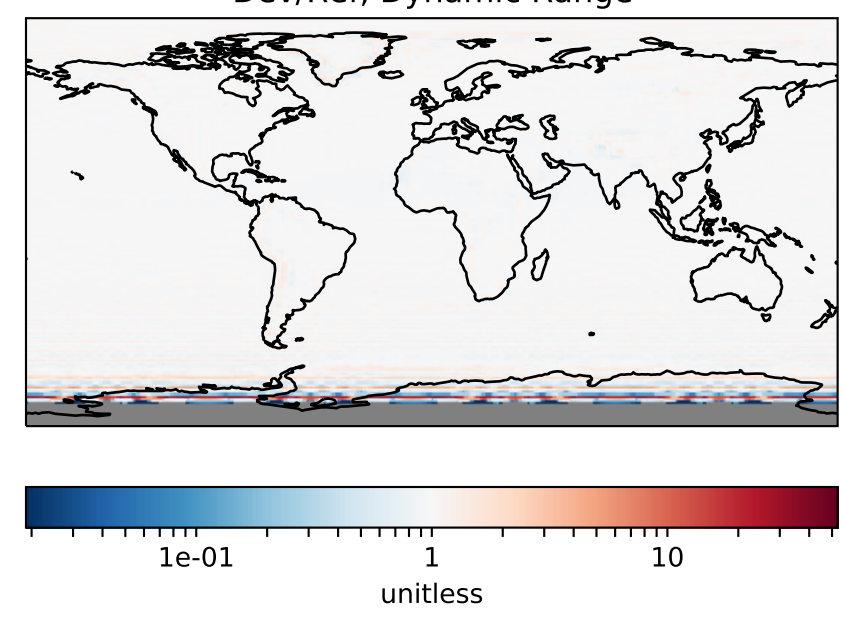
Difference (1x1.25)
Dev - Ref, Dynamic Range



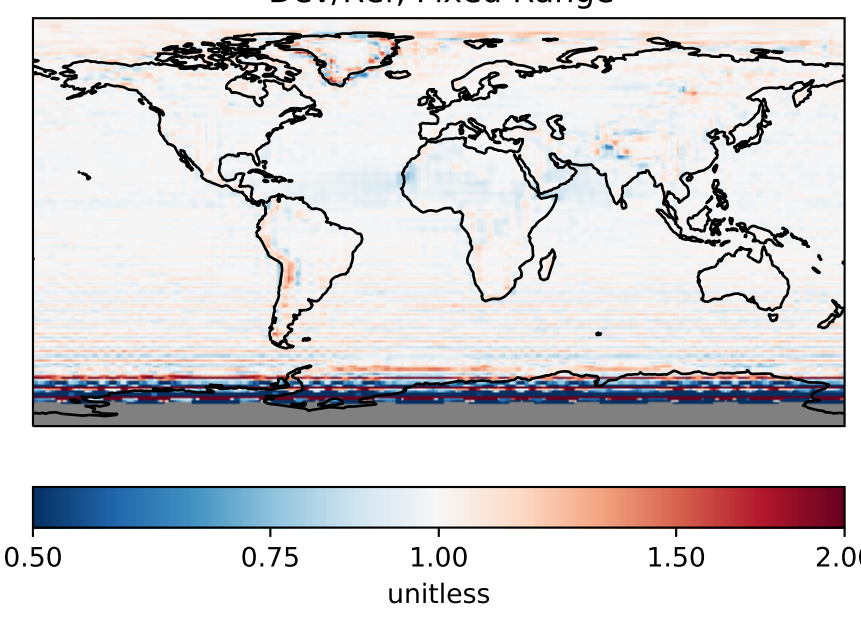
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

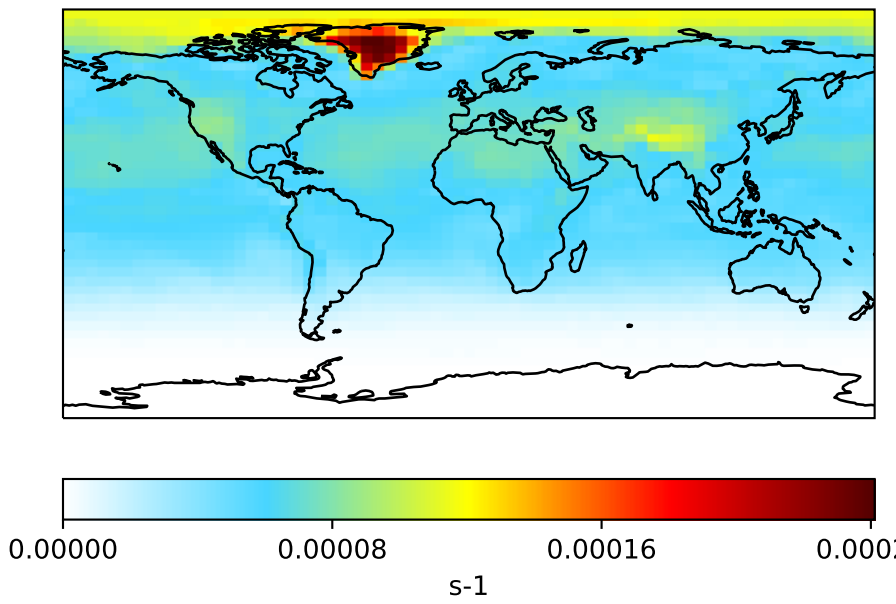


Ratio (1x1.25)
Dev/Ref, Fixed Range

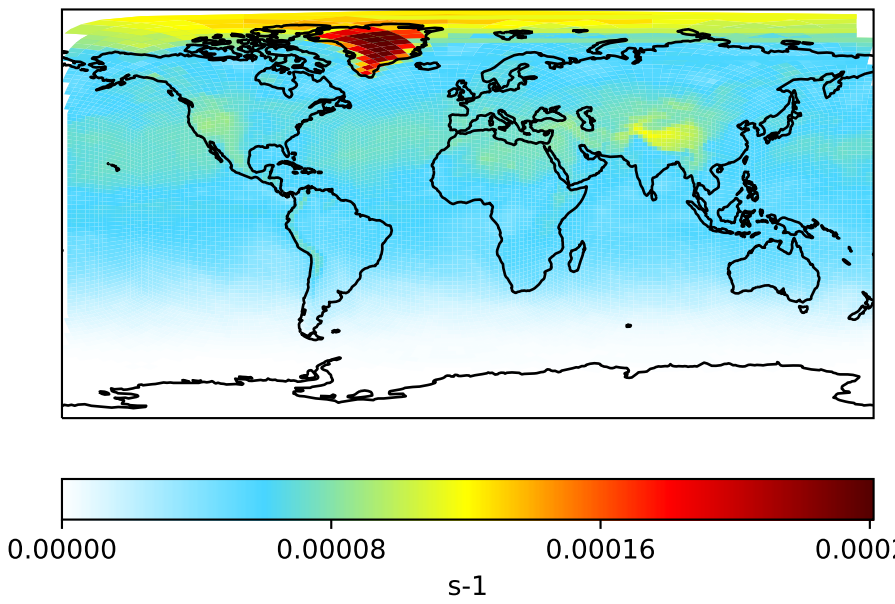


Jval_MVKHC

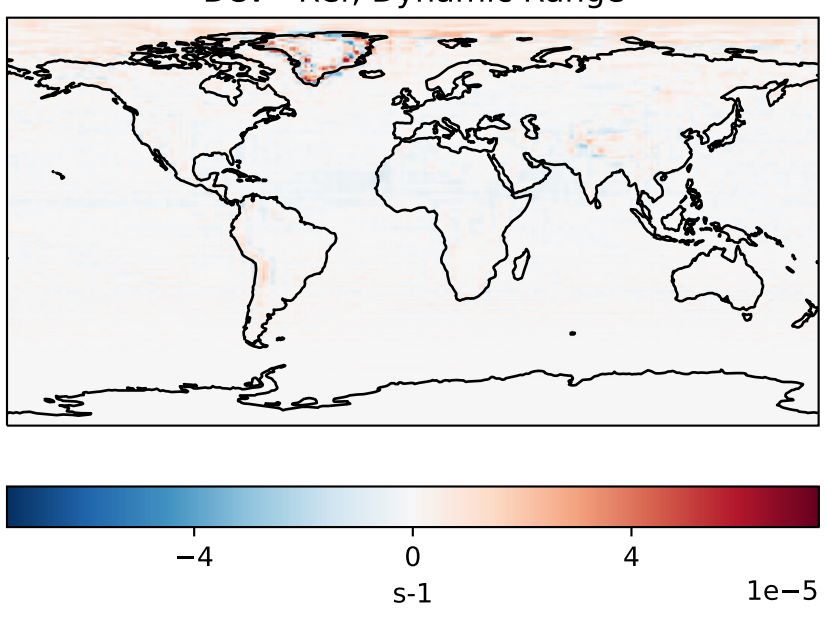
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



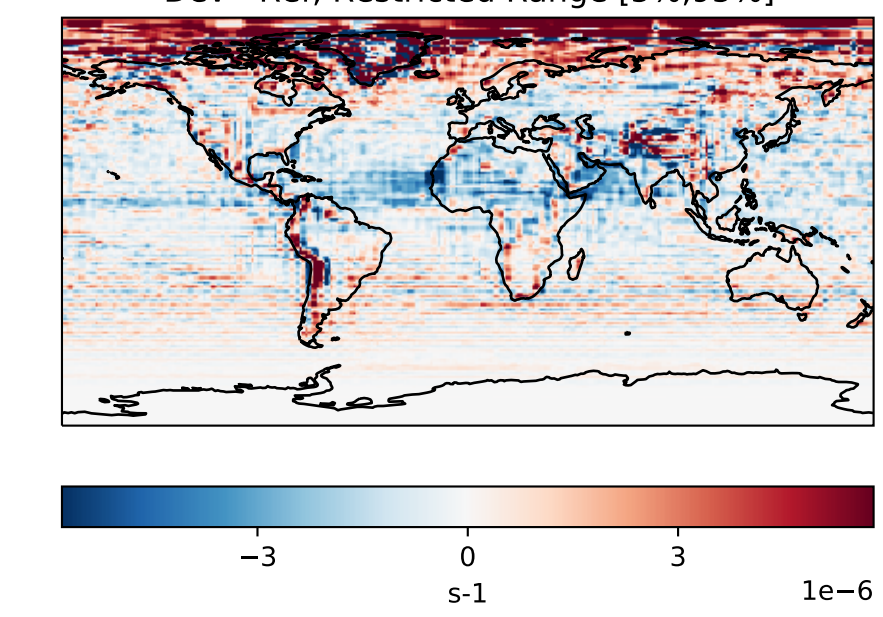
GCHP_13.1.0-beta.1 (Dev)
c48



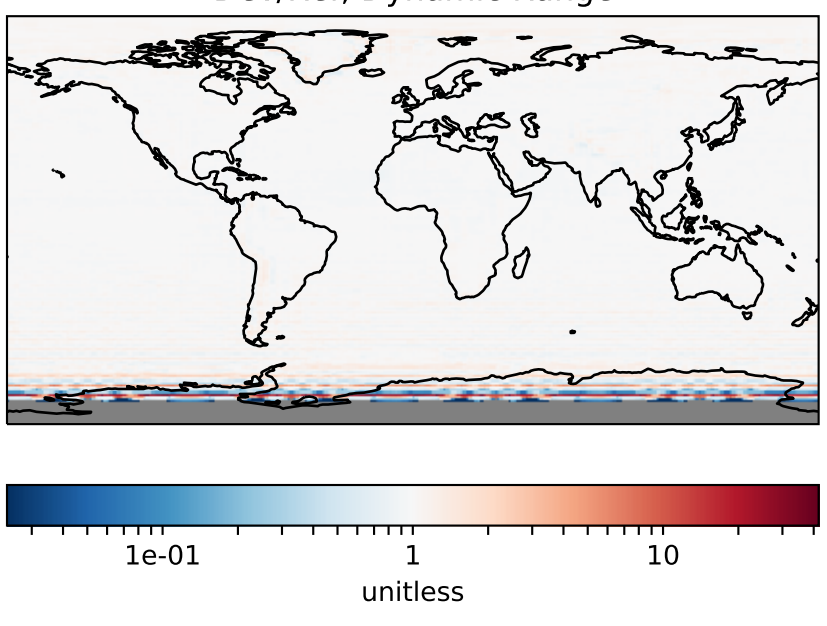
Difference (1x1.25)
Dev - Ref, Dynamic Range



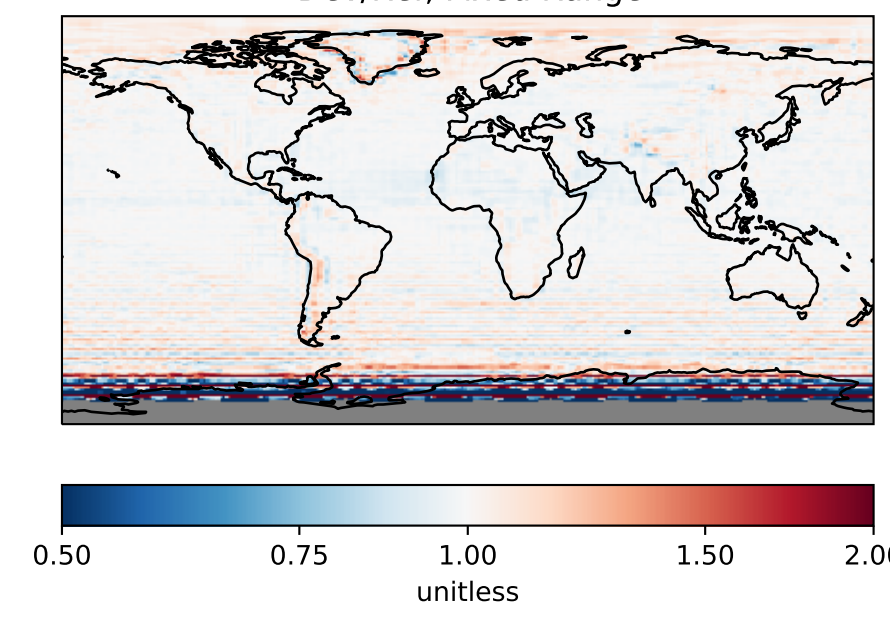
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

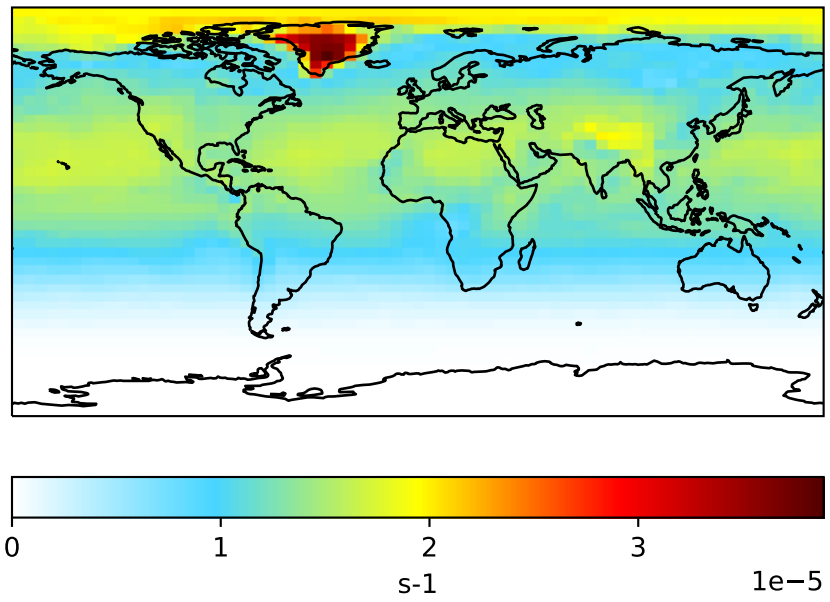


Ratio (1x1.25)
Dev/Ref, Fixed Range

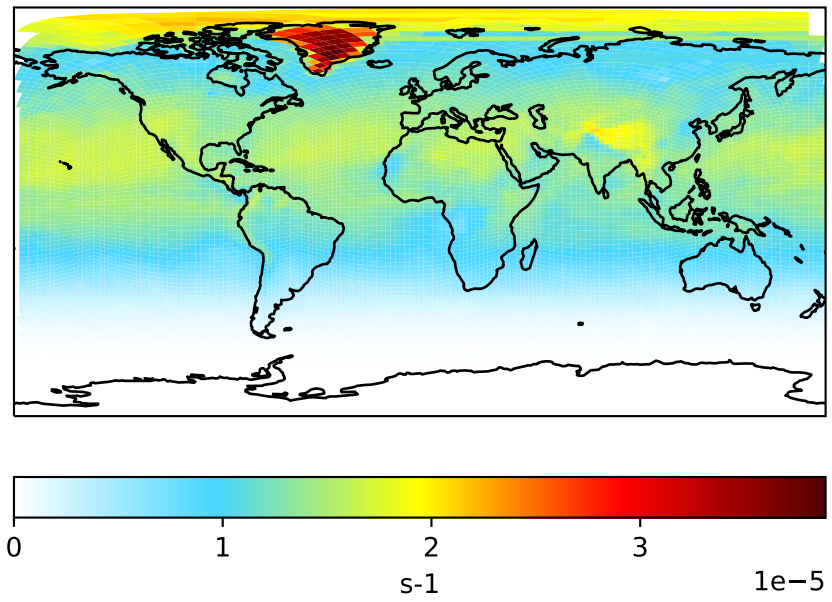


Jval_MVKHCB

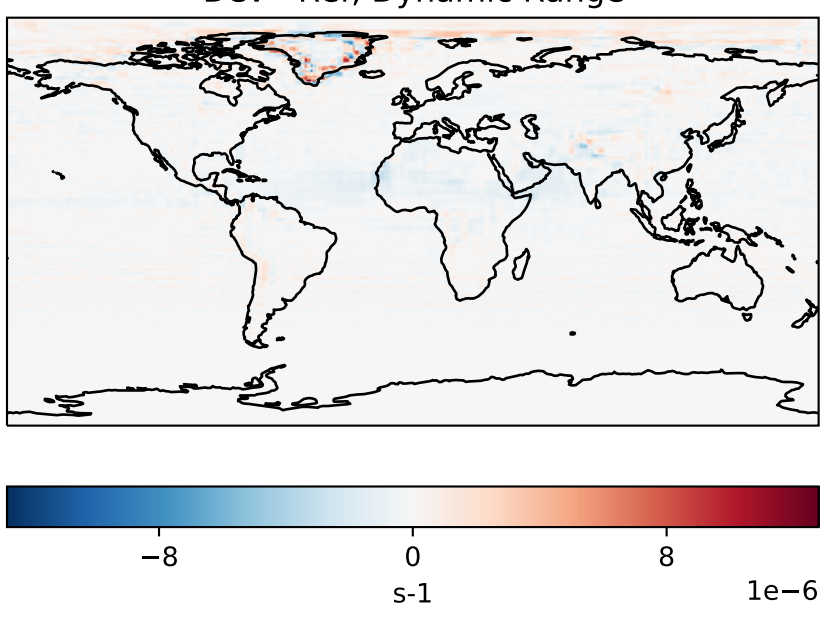
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



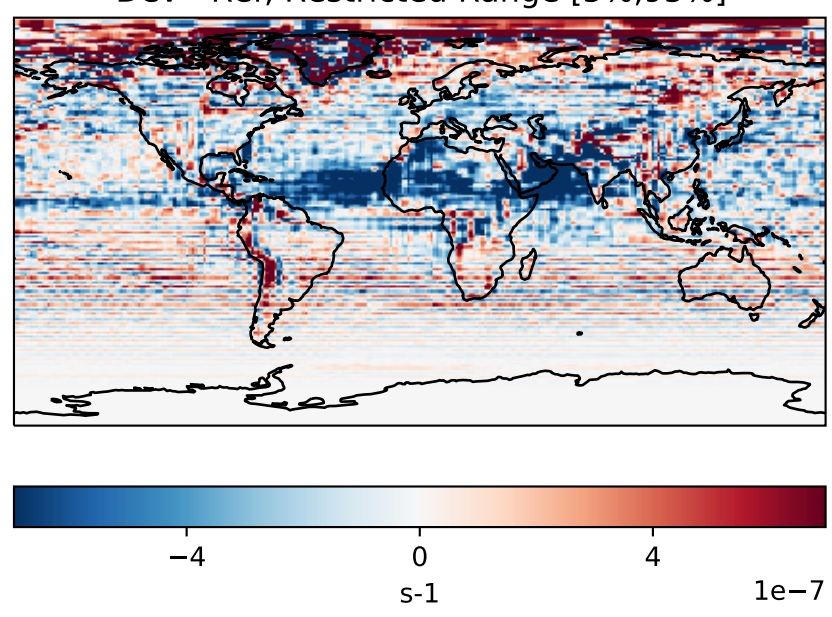
GCHP_13.1.0-beta.1 (Dev)
c48



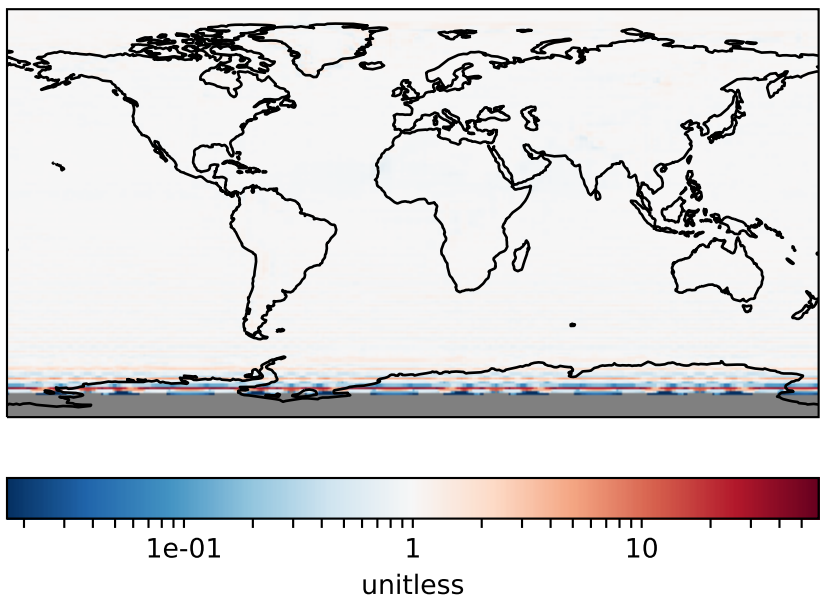
Difference (1x1.25)
Dev - Ref, Dynamic Range



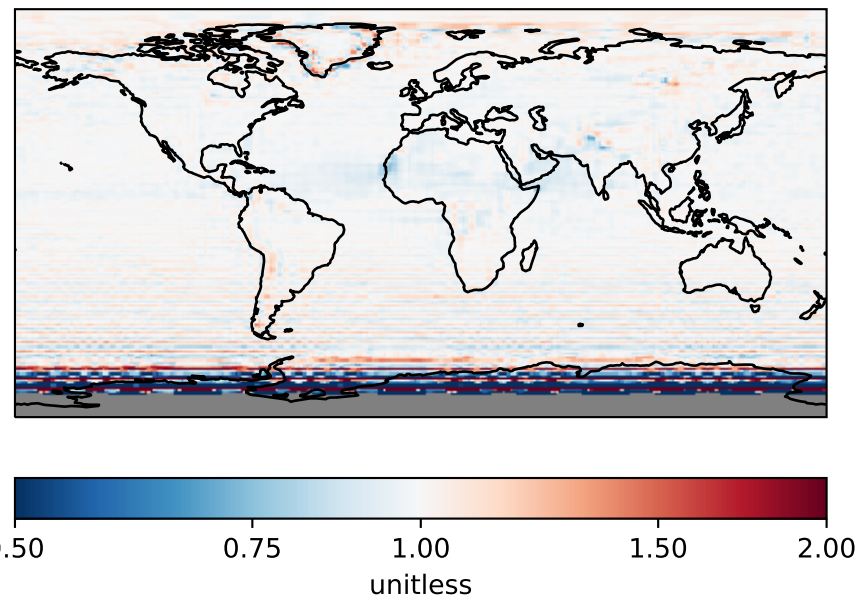
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

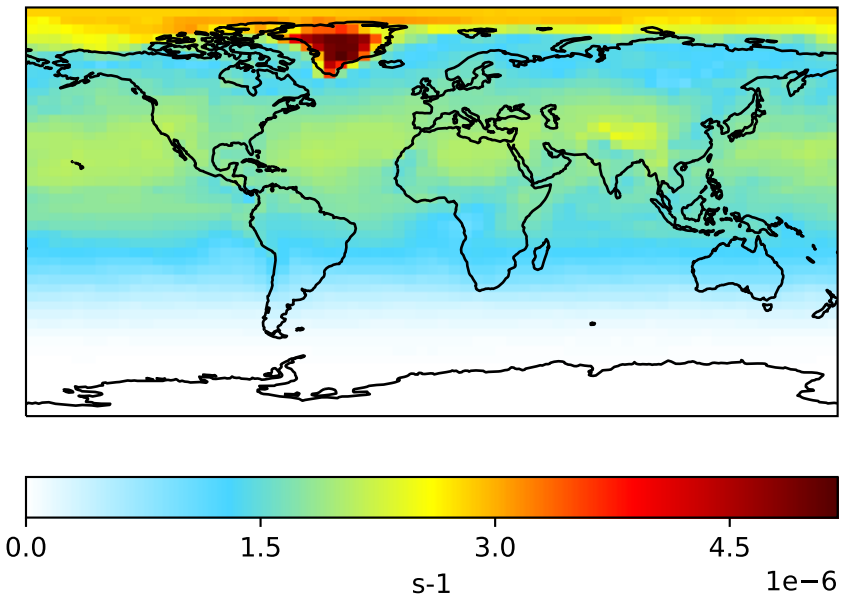


Ratio (1x1.25)
Dev/Ref, Fixed Range

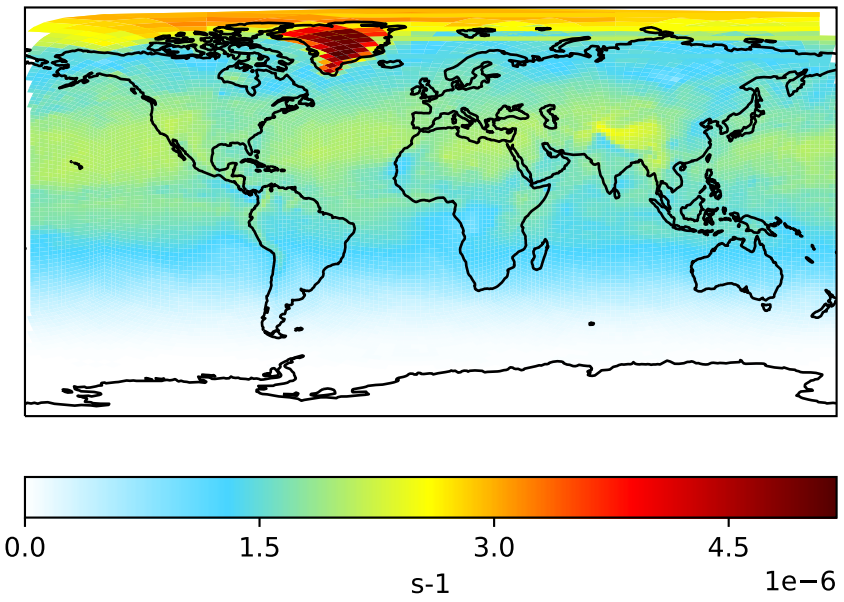


Jval_MVKHP

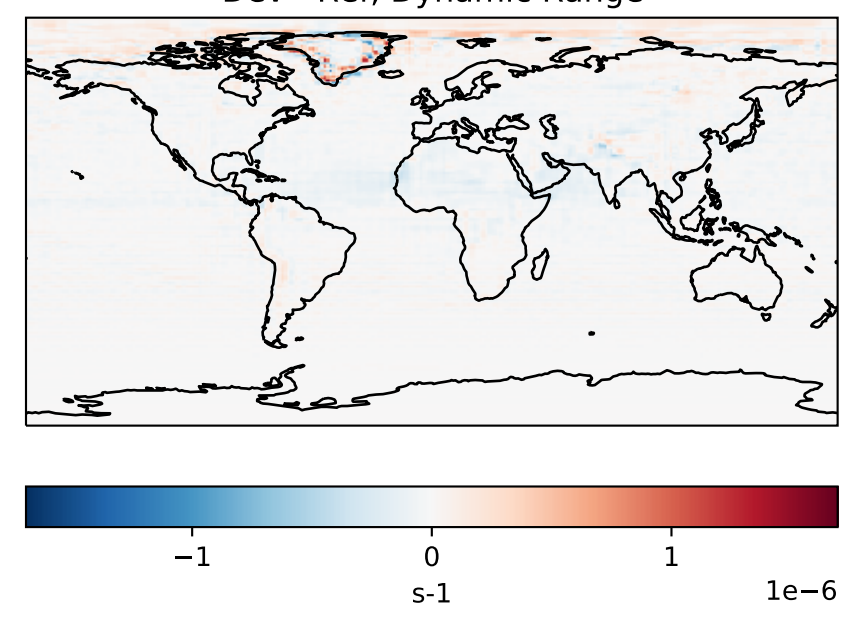
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



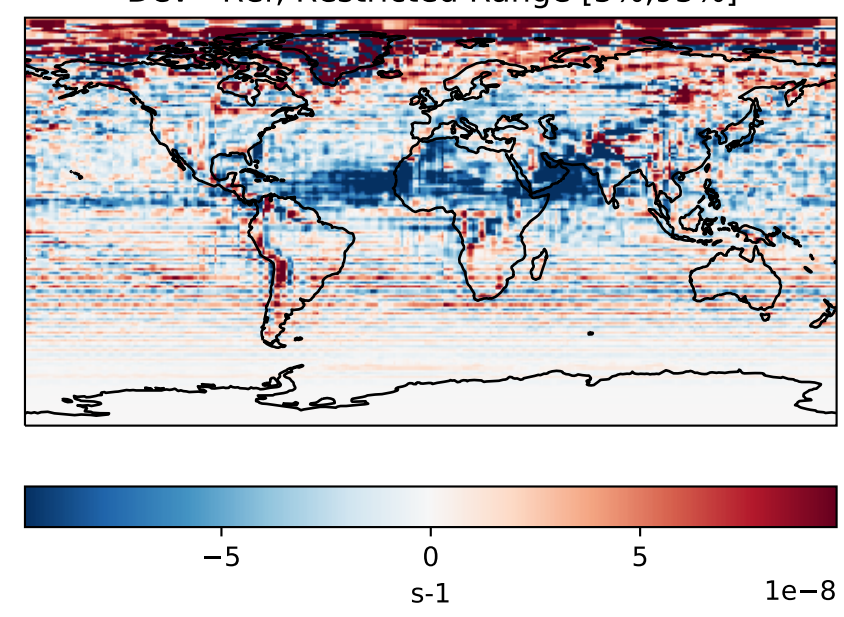
GCHP_13.1.0-beta.1 (Dev)
c48



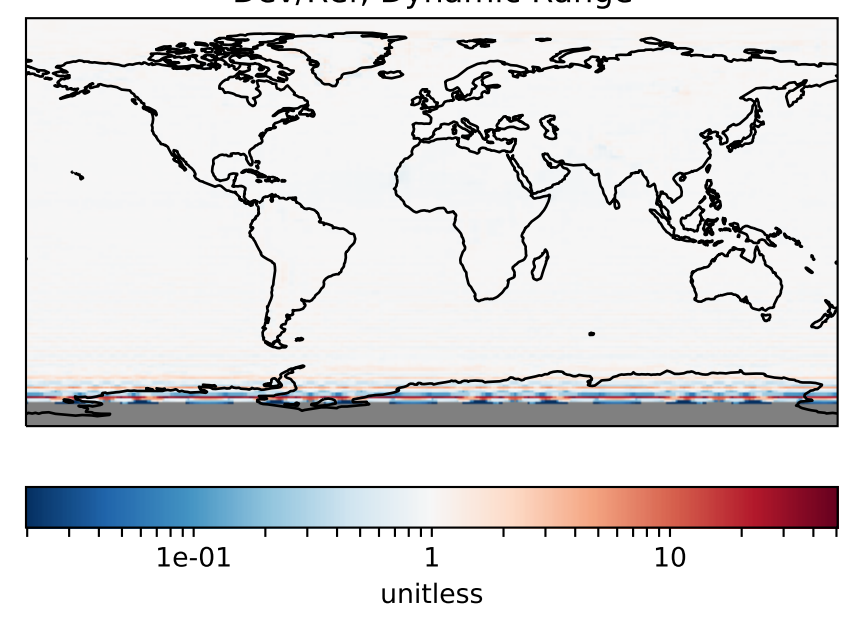
Difference (1x1.25)
Dev - Ref, Dynamic Range



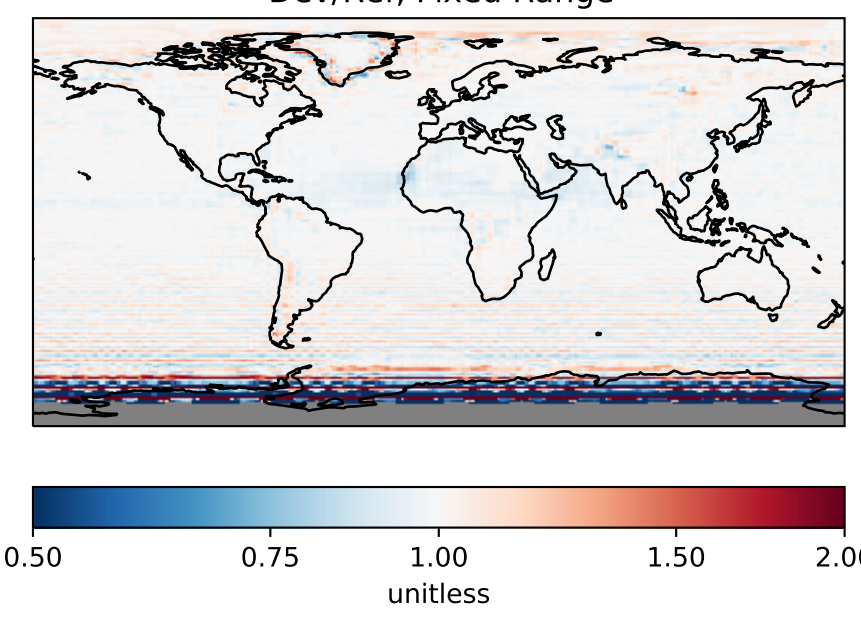
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

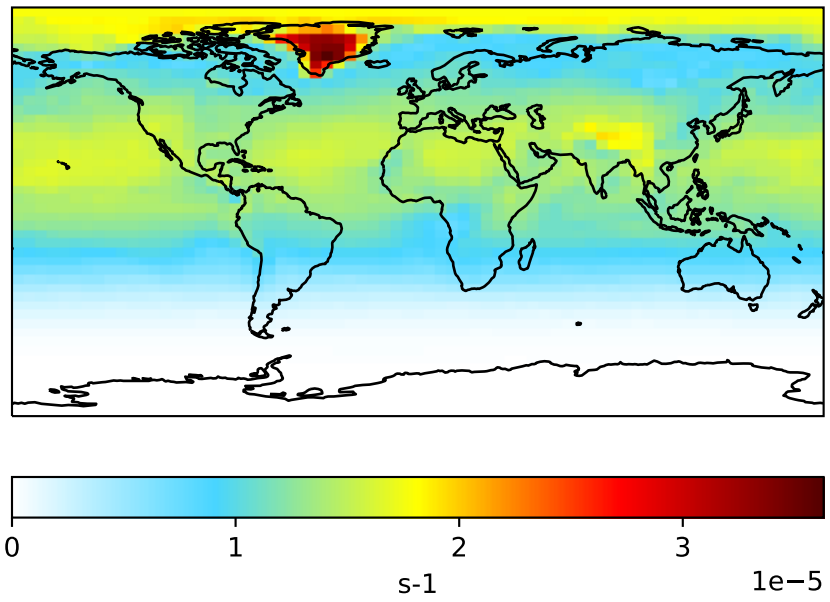


Ratio (1x1.25)
Dev/Ref, Fixed Range

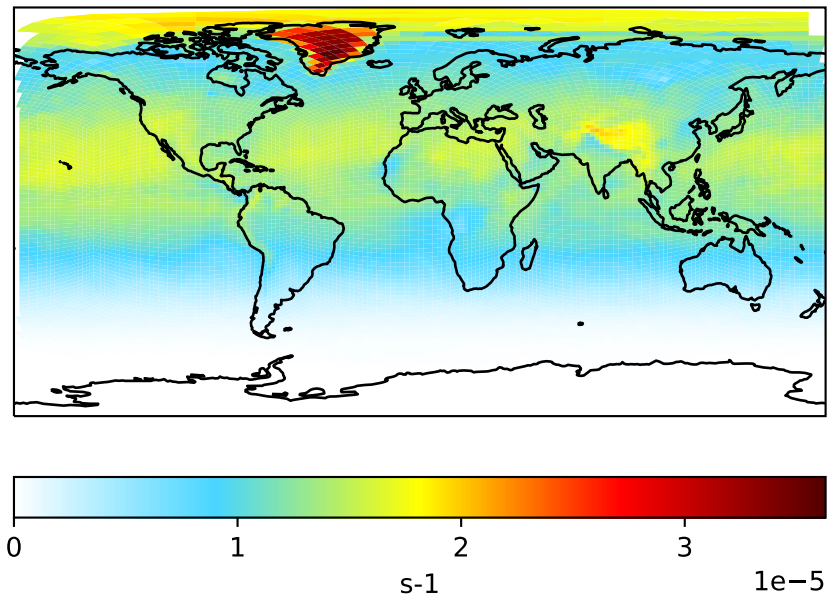


Jval_MVKN

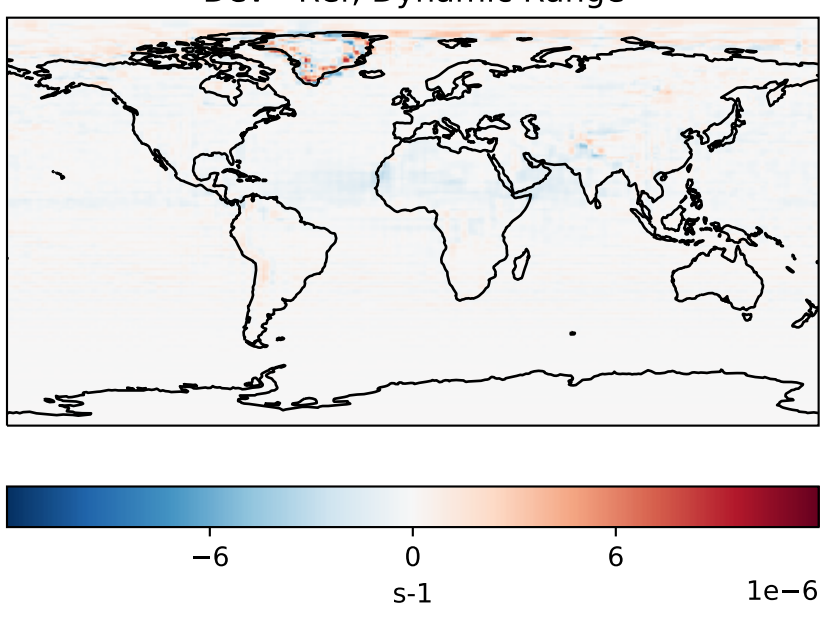
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



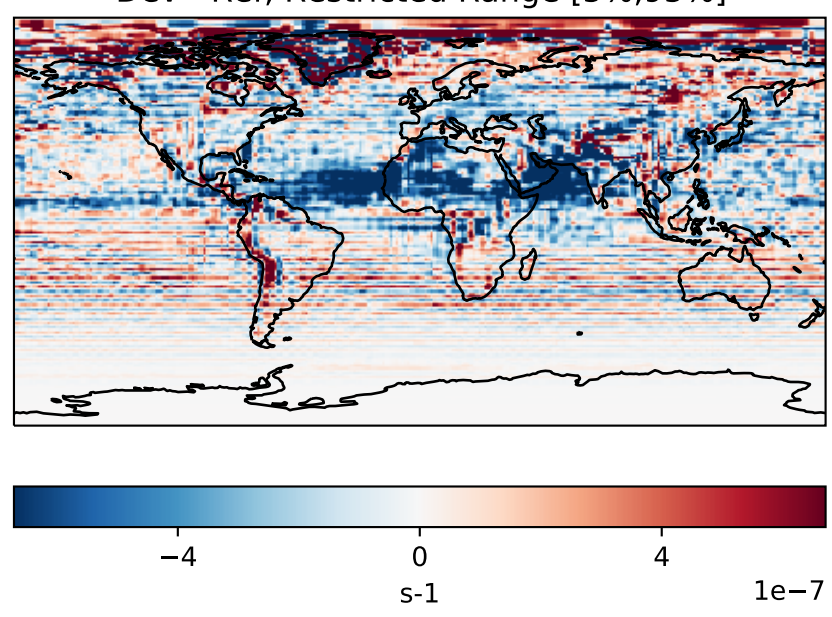
GCHP_13.1.0-beta.1 (Dev)
c48



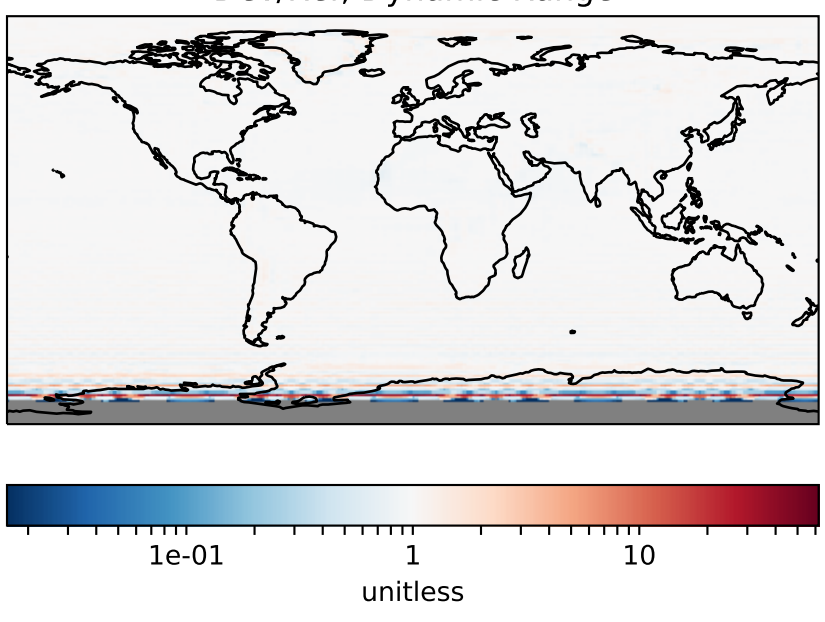
Difference (1x1.25)
Dev - Ref, Dynamic Range



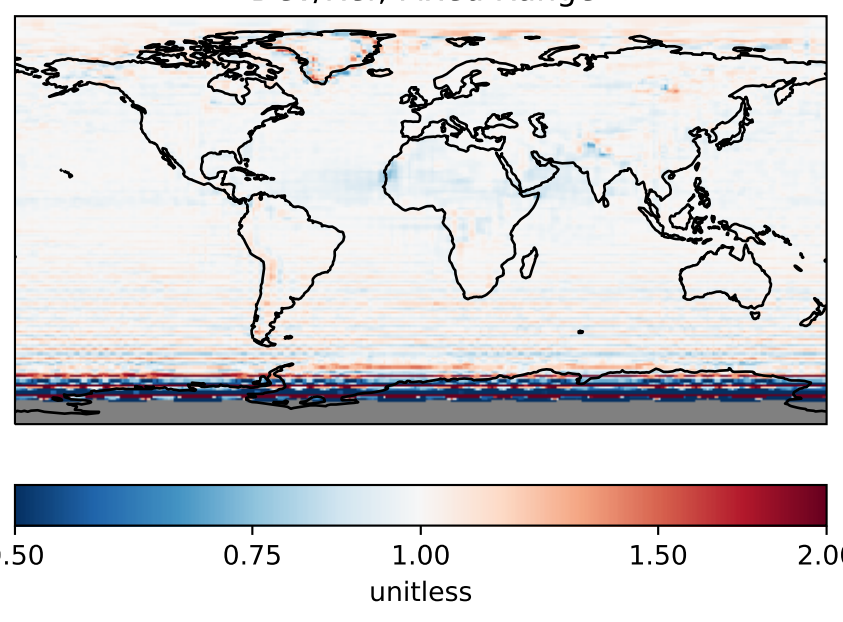
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

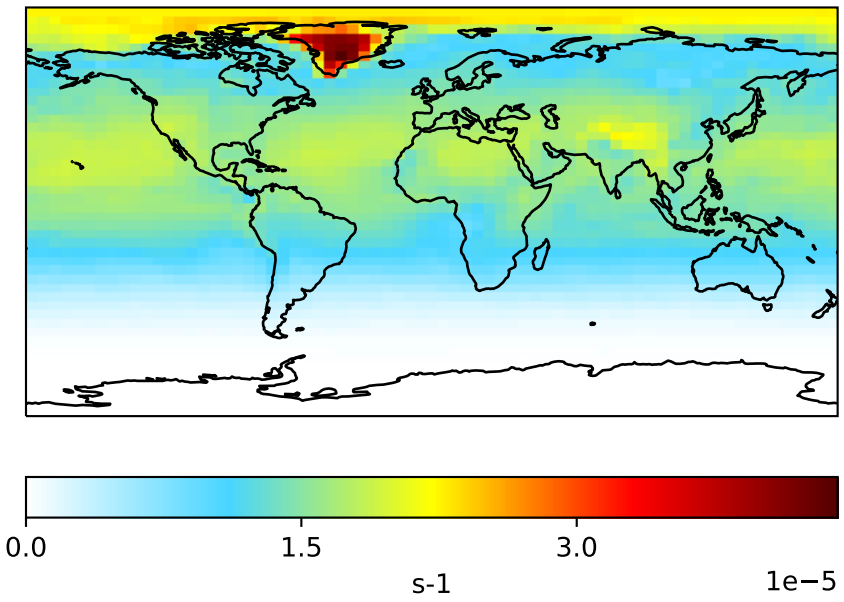


Ratio (1x1.25)
Dev/Ref, Fixed Range

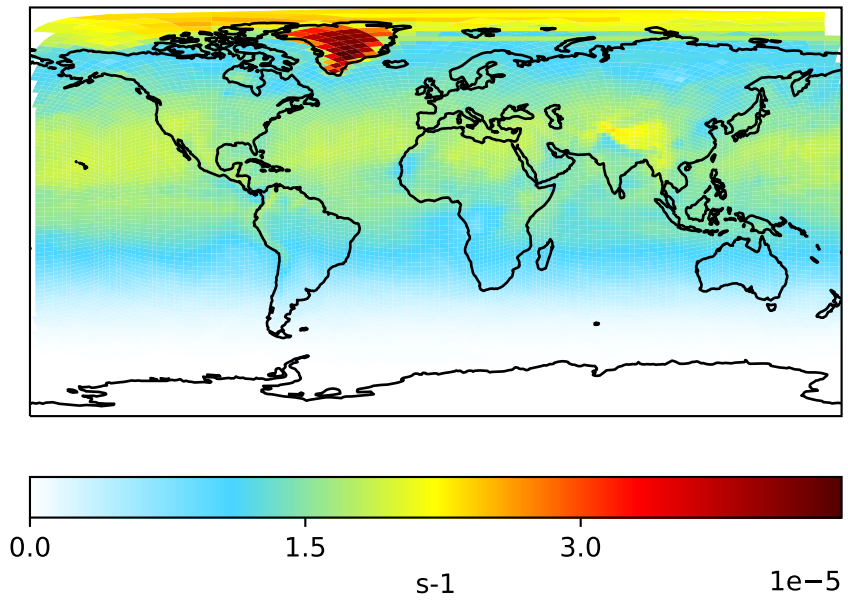


Jval_MVKPC

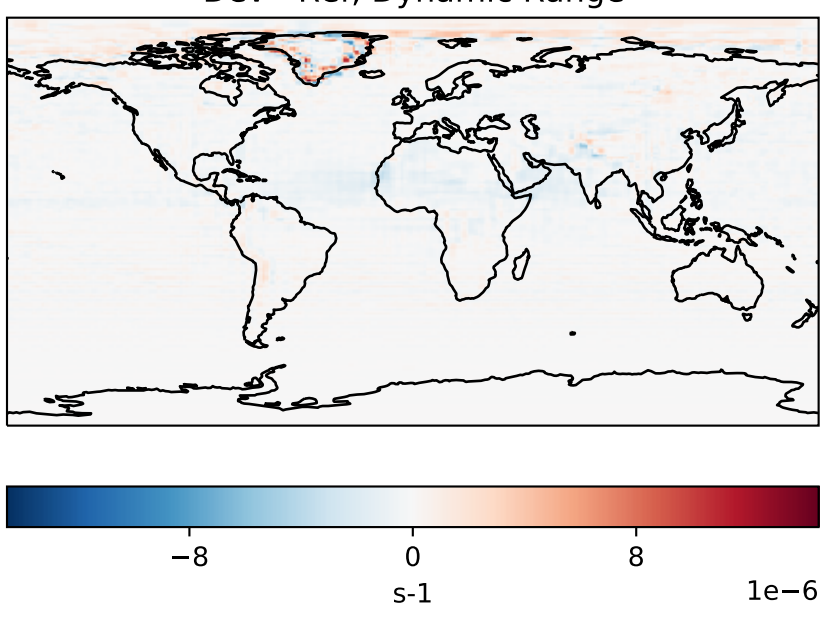
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



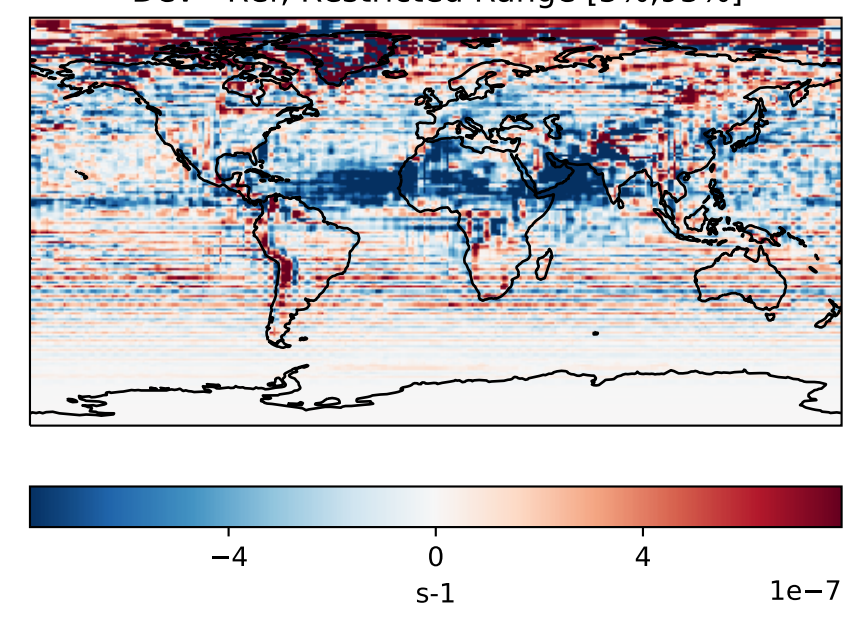
GCHP_13.1.0-beta.1 (Dev)
c48



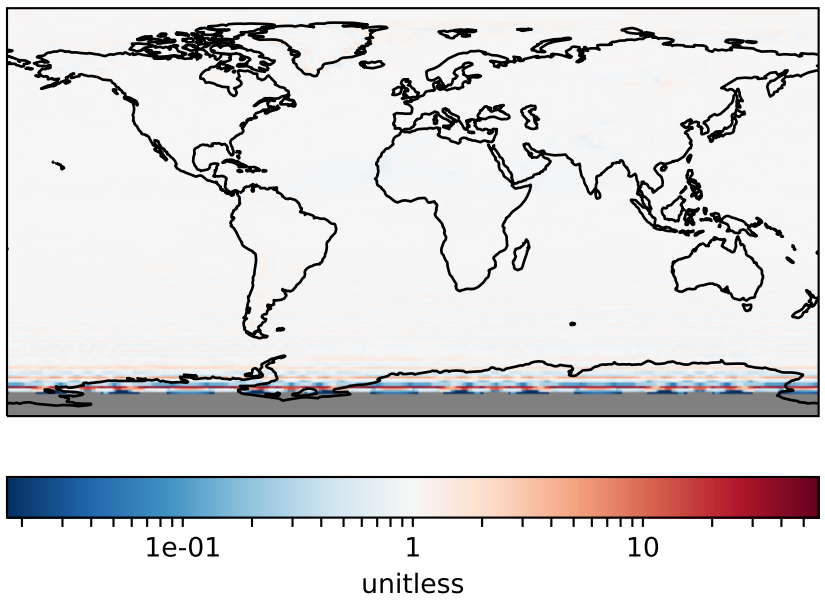
Difference (1x1.25)
Dev - Ref, Dynamic Range



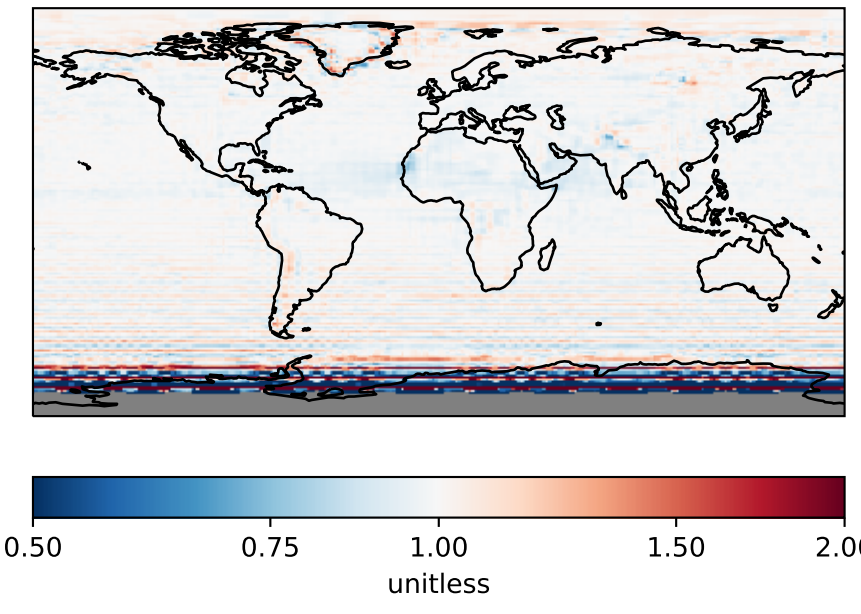
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

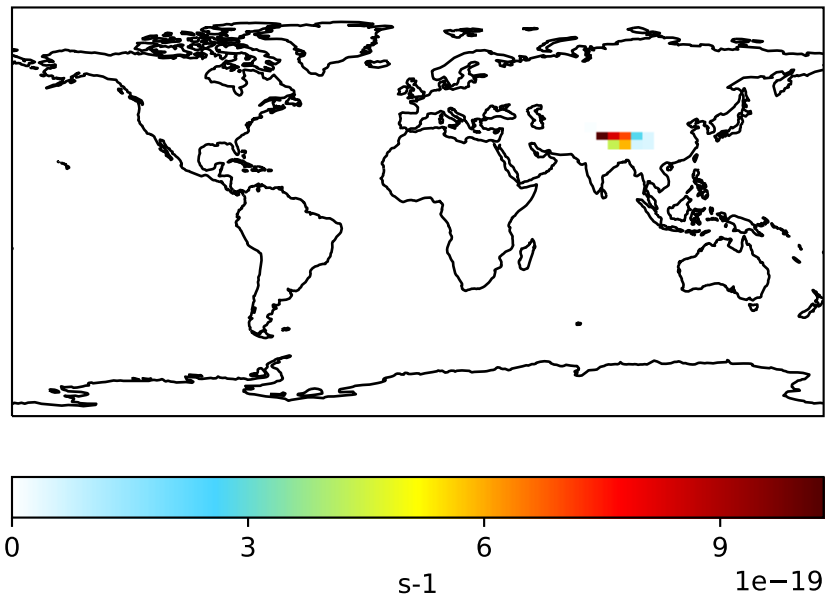


Ratio (1x1.25)
Dev/Ref, Fixed Range

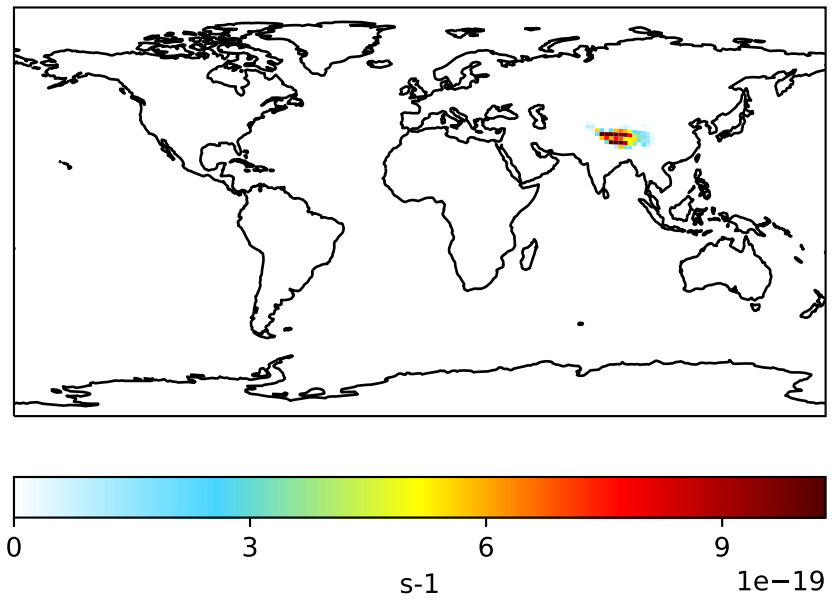


Jval_N2O

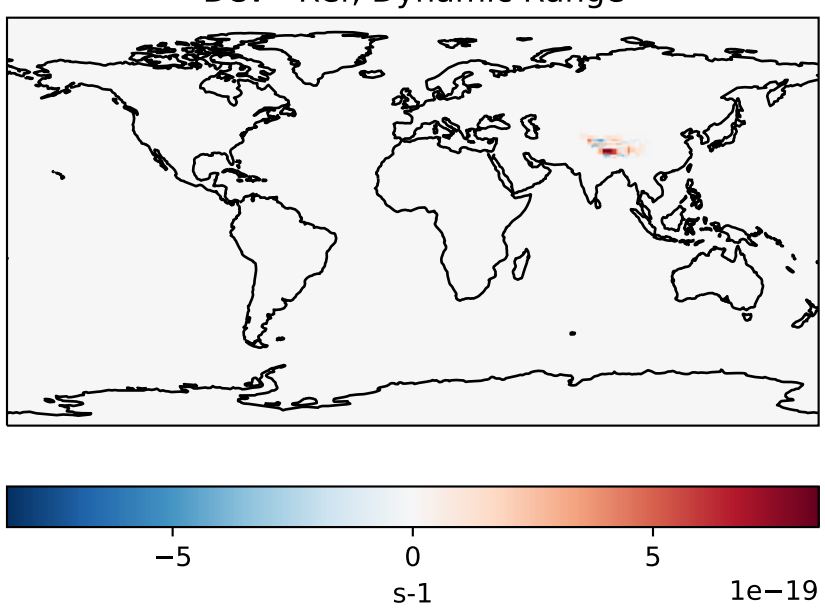
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



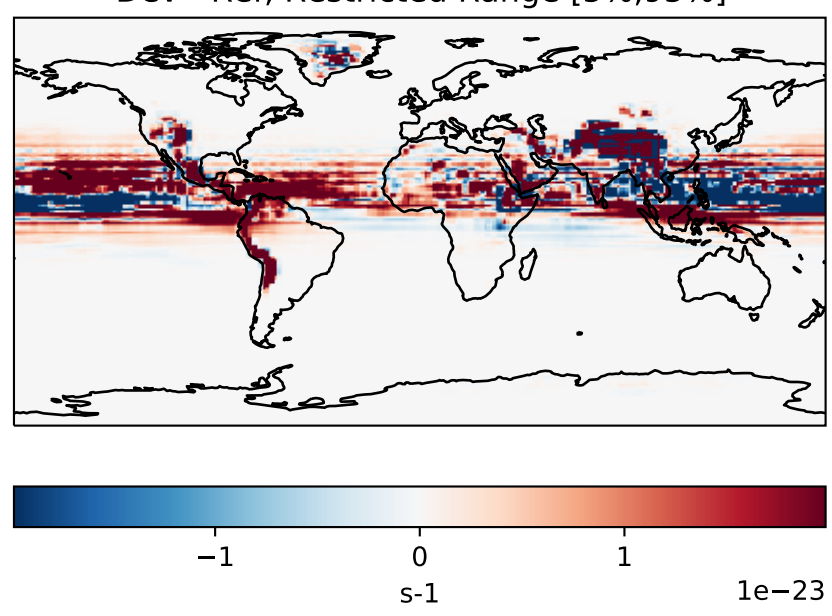
GCHP_13.1.0-beta.1 (Dev)
c48



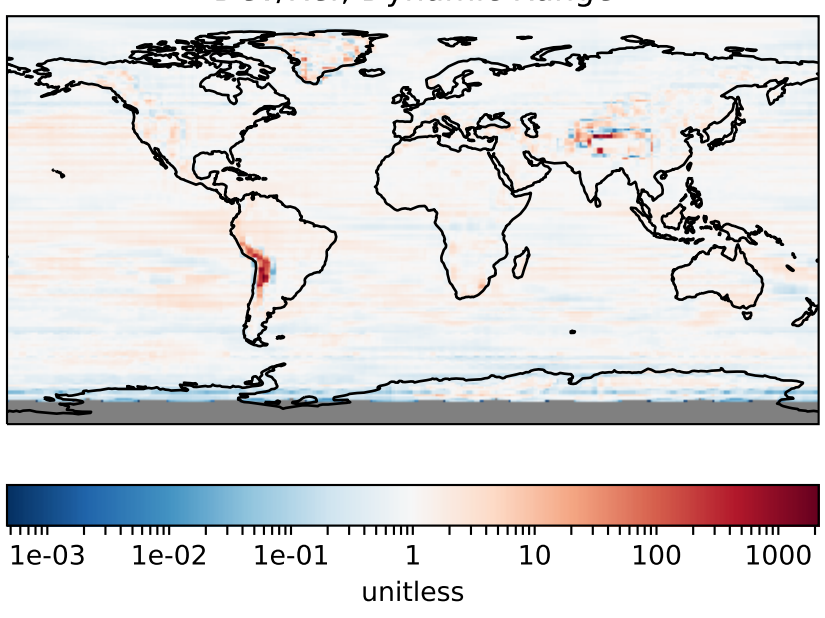
Difference (1x1.25)
Dev - Ref, Dynamic Range



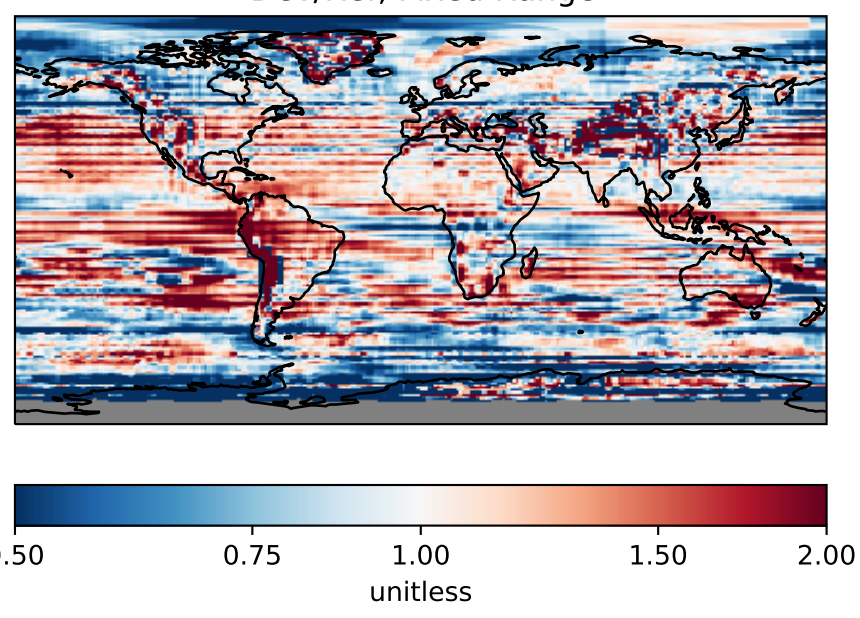
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

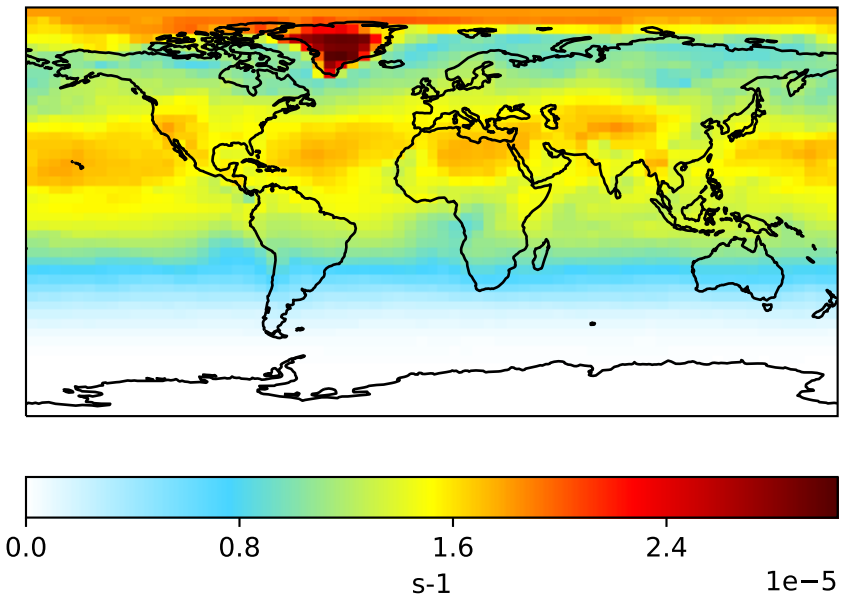


Ratio (1x1.25)
Dev/Ref, Fixed Range

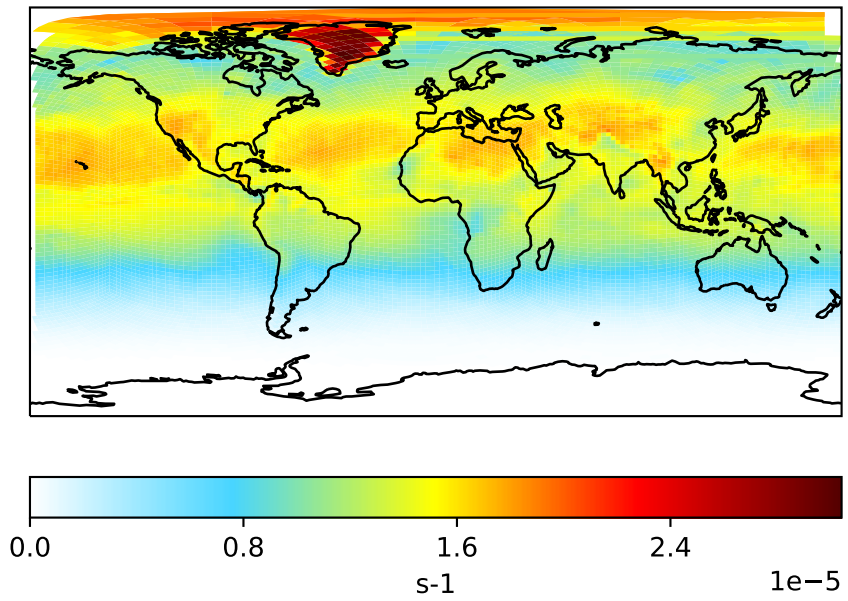


Jval_N2O5

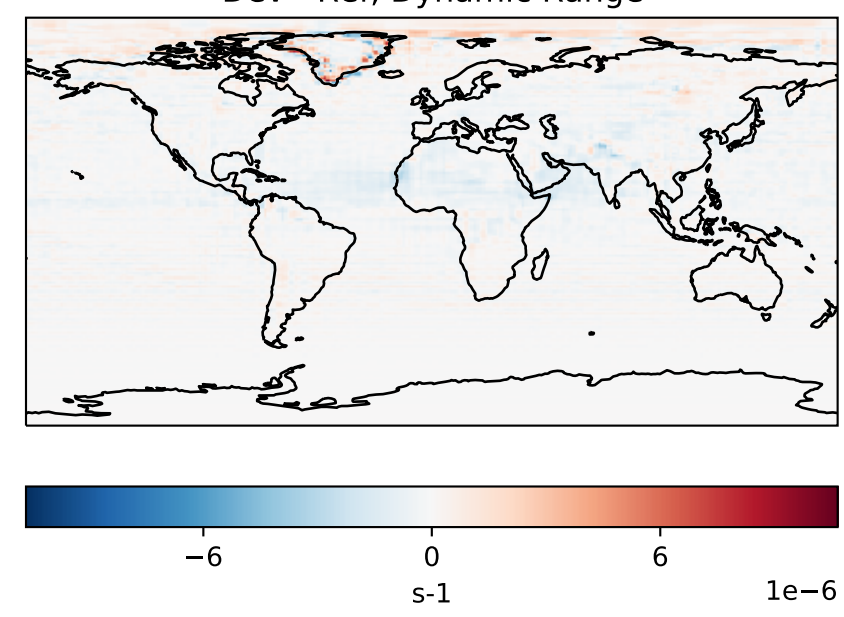
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



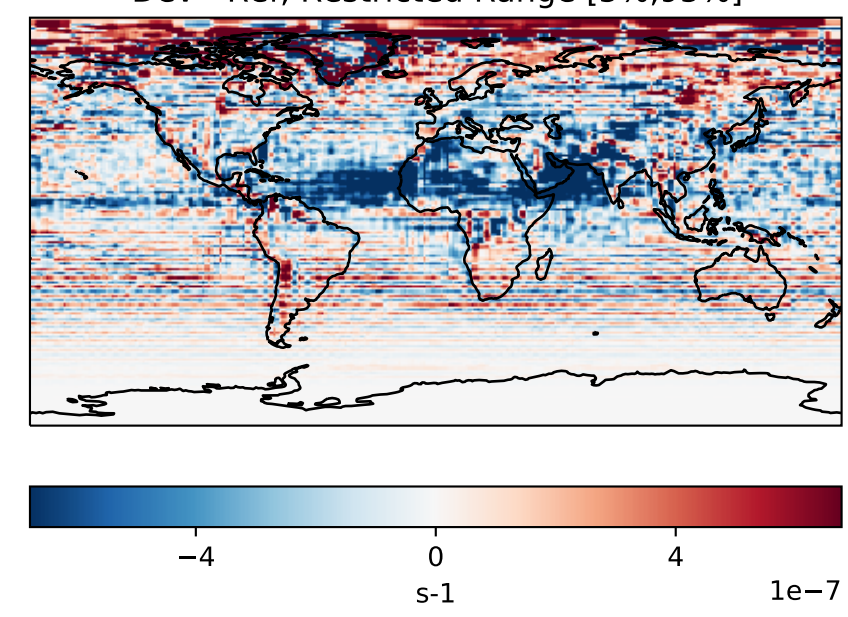
GCHP_13.1.0-beta.1 (Dev)
c48



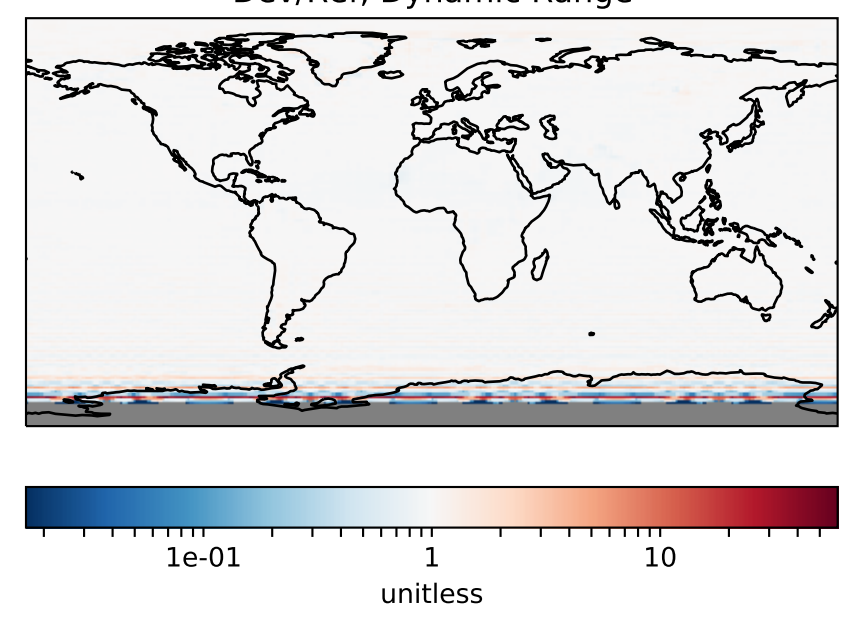
Difference (1x1.25)
Dev - Ref, Dynamic Range



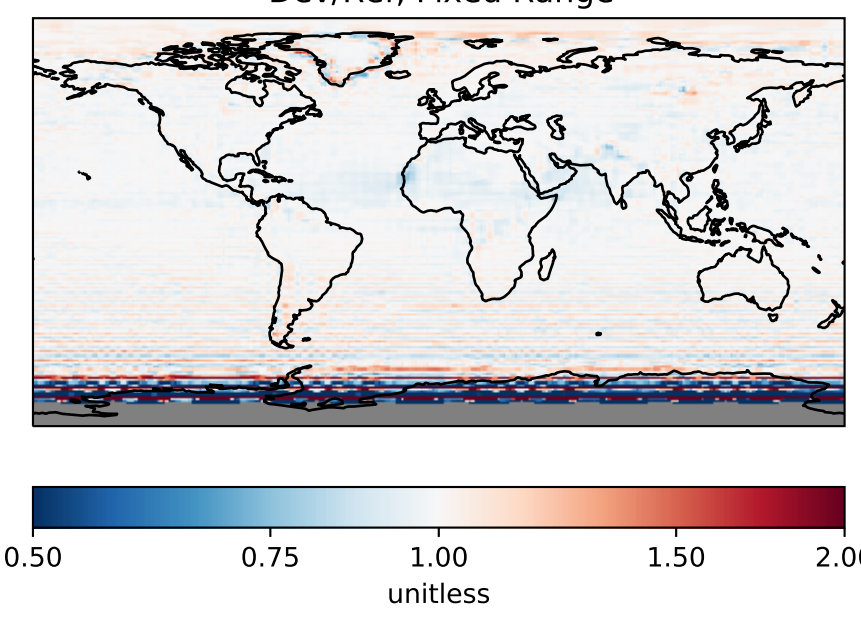
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

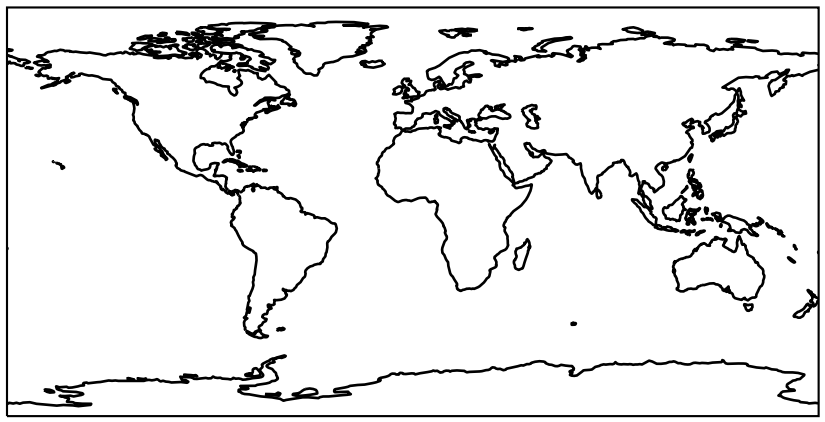


Ratio (1x1.25)
Dev/Ref, Fixed Range



Jval_NIT

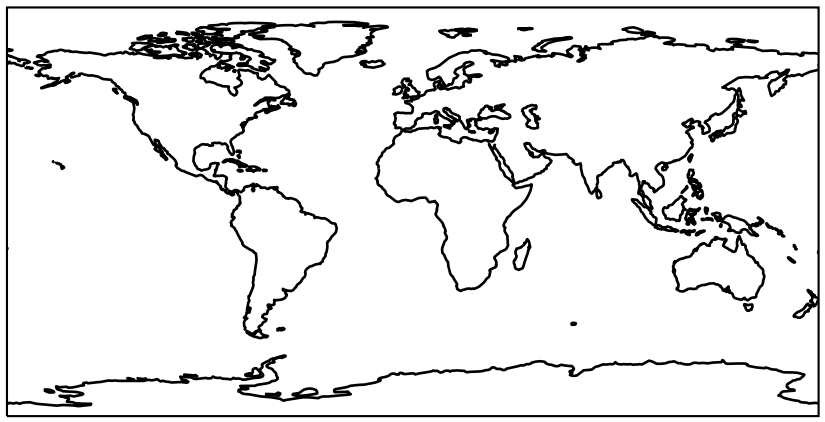
GCC_13.1.0-beta.1 (Ref)
4.0x5.0





Zero throughout domain
s-1

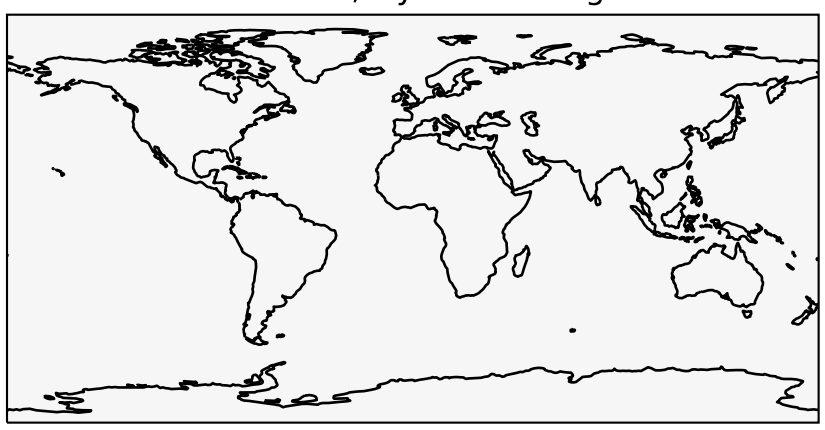
GCHP_13.1.0-beta.1 (Dev)
c48





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s-1

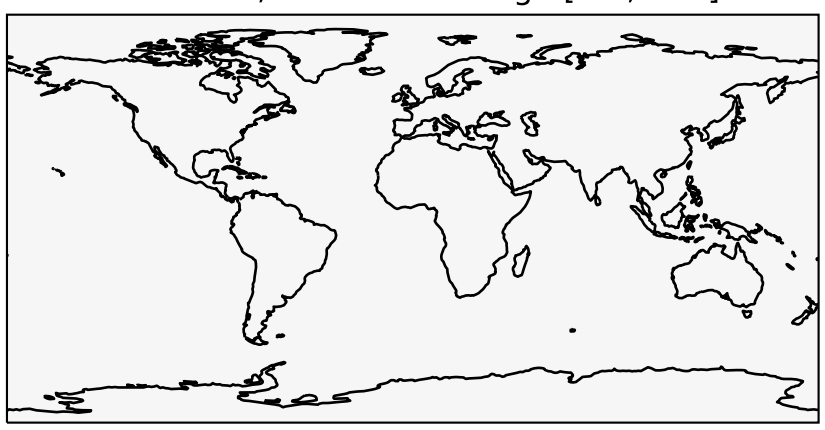
Difference (1x1.25)
Dev - Ref, Dynamic Range





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s-1

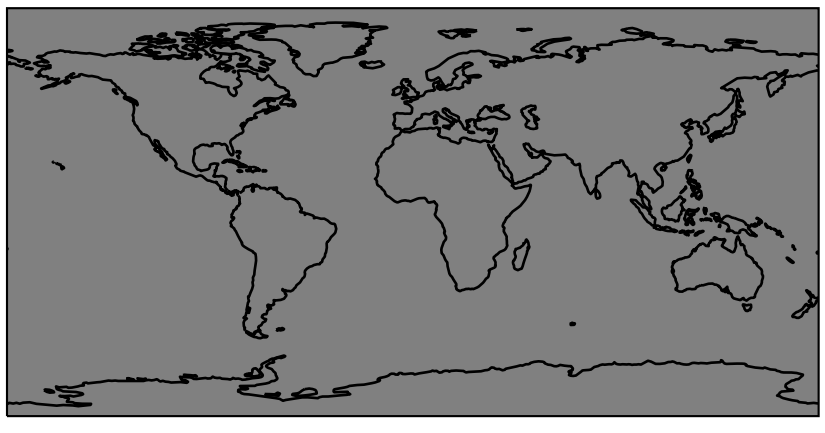
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Dev - Ref, Restricted Range [5%,95%]





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s-1

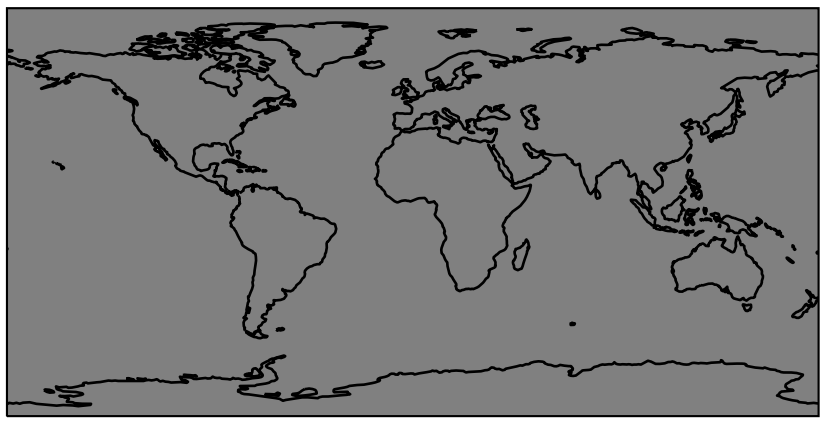
Ratio (1x1.25)
Dev/Ref, Dynamic Range





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Ratio (1x1.25)
Dev/Ref, Fixed Range

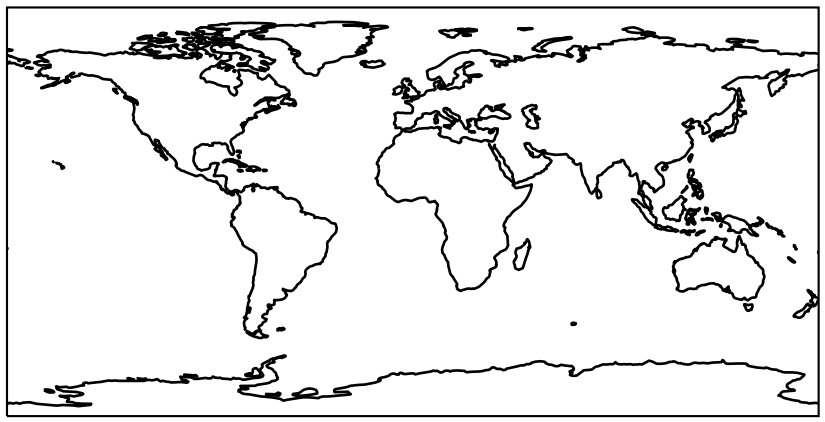




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Jval_NITs

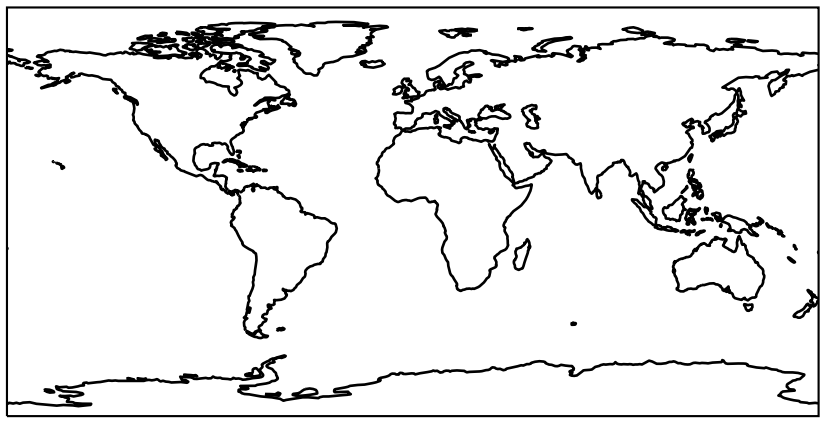
GCC_13.1.0-beta.1 (Ref)
4.0x5.0





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s-1

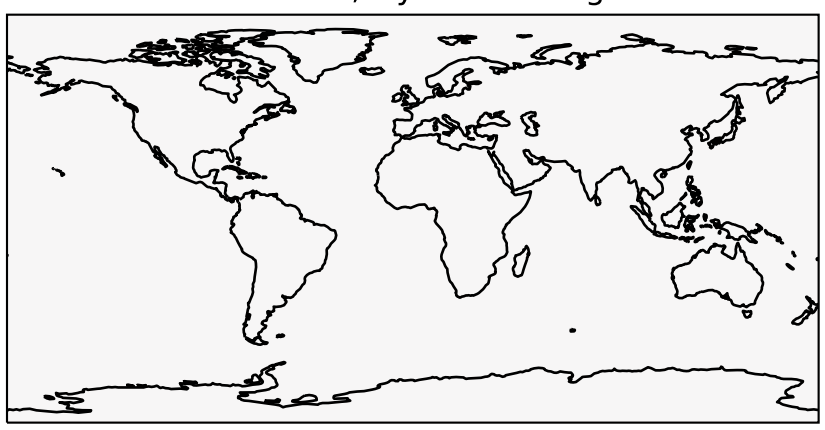
GCHP_13.1.0-beta.1 (Dev)
c48





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s-1

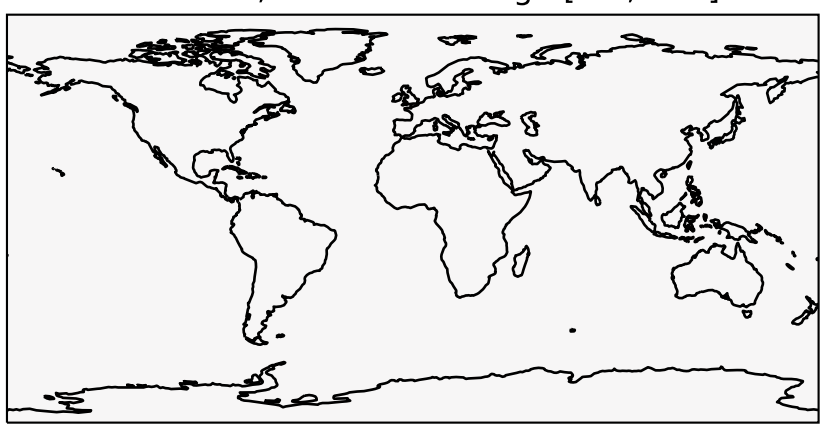
Difference (1x1.25)
Dev - Ref, Dynamic Range





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s-1

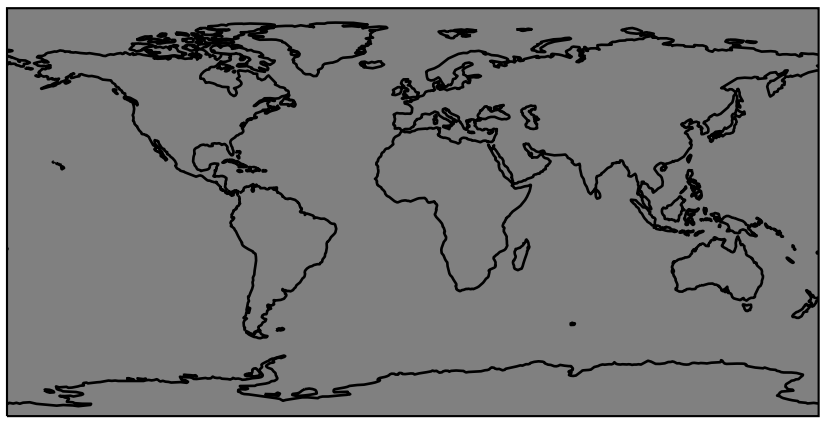
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]





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s-1

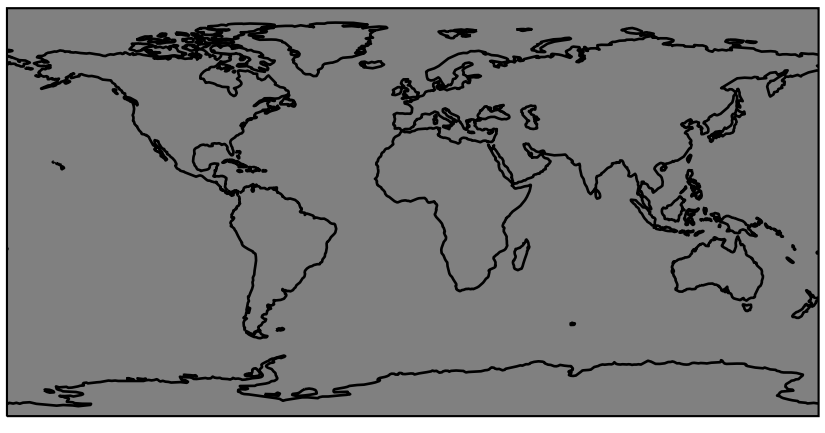
Ratio (1x1.25)
Dev/Ref, Dynamic Range





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Ratio (1x1.25)
Dev/Ref, Fixed Range

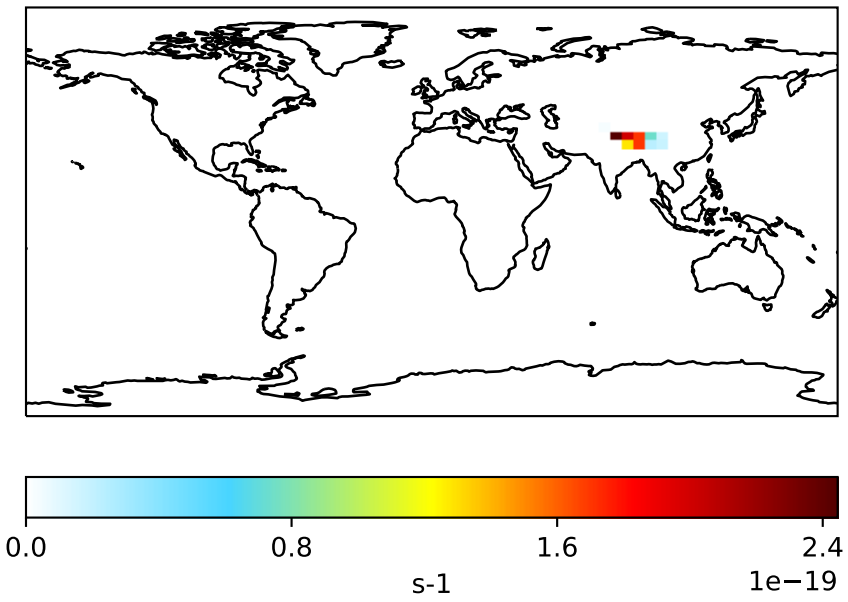




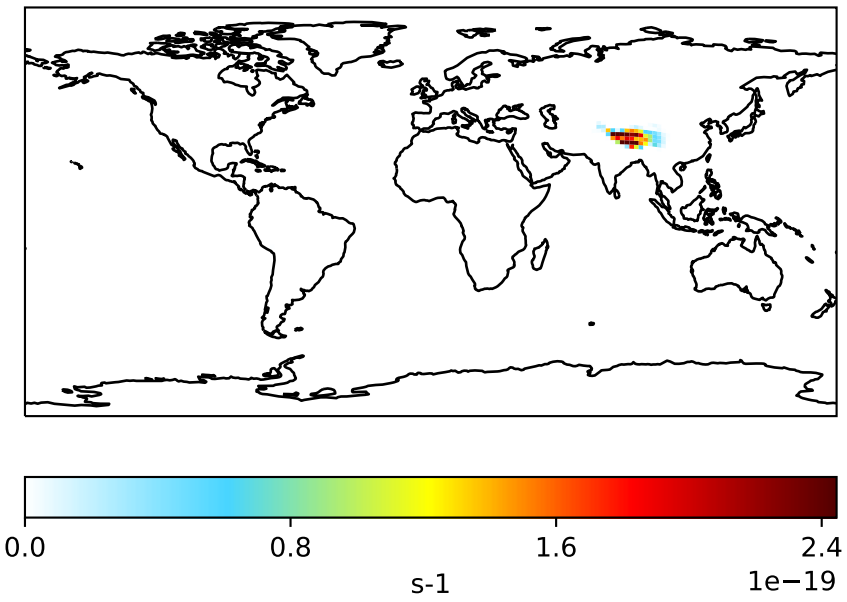
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Jval_NO

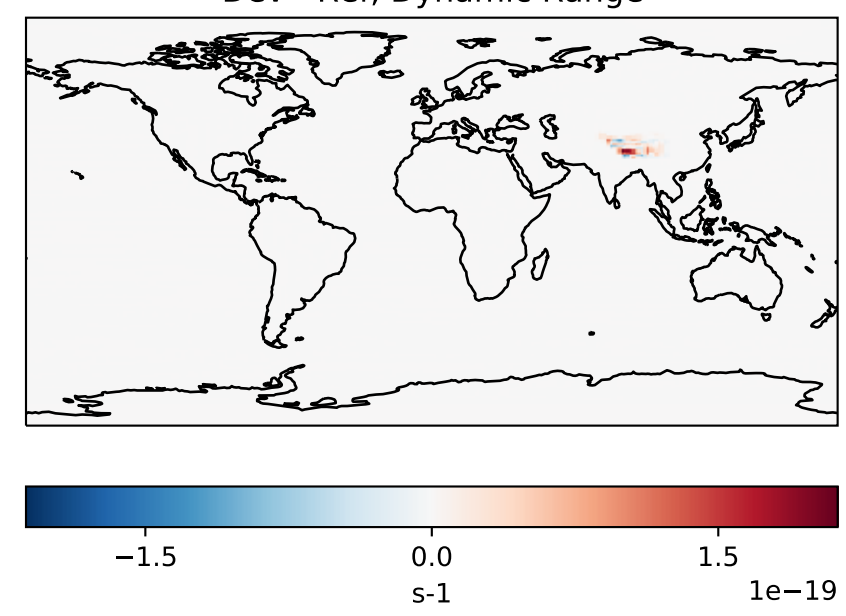
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



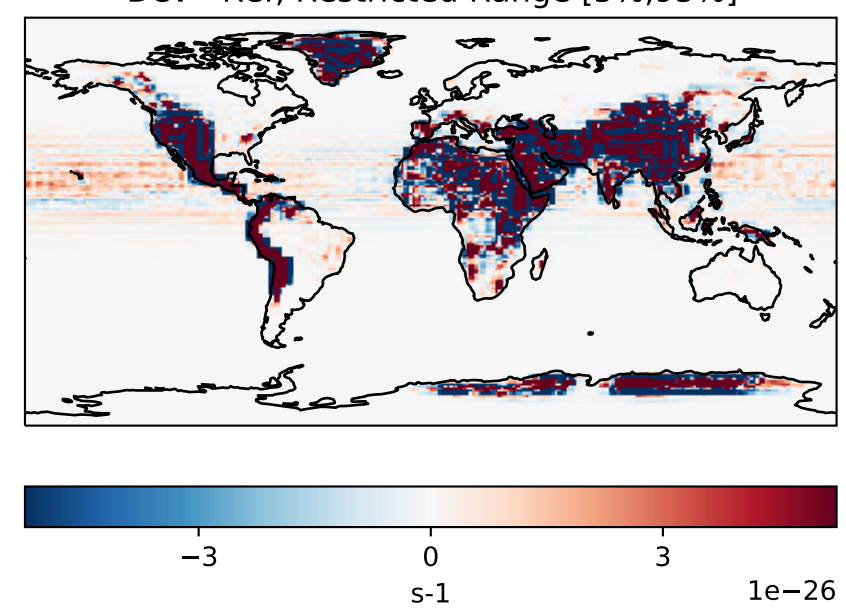
GCHP_13.1.0-beta.1 (Dev)
c48



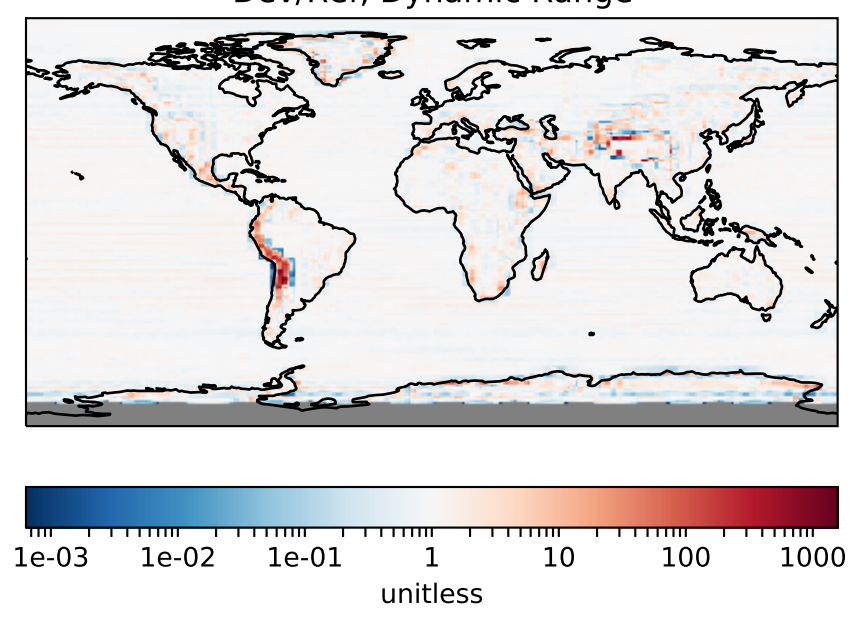
Difference (1x1.25)
Dev - Ref, Dynamic Range



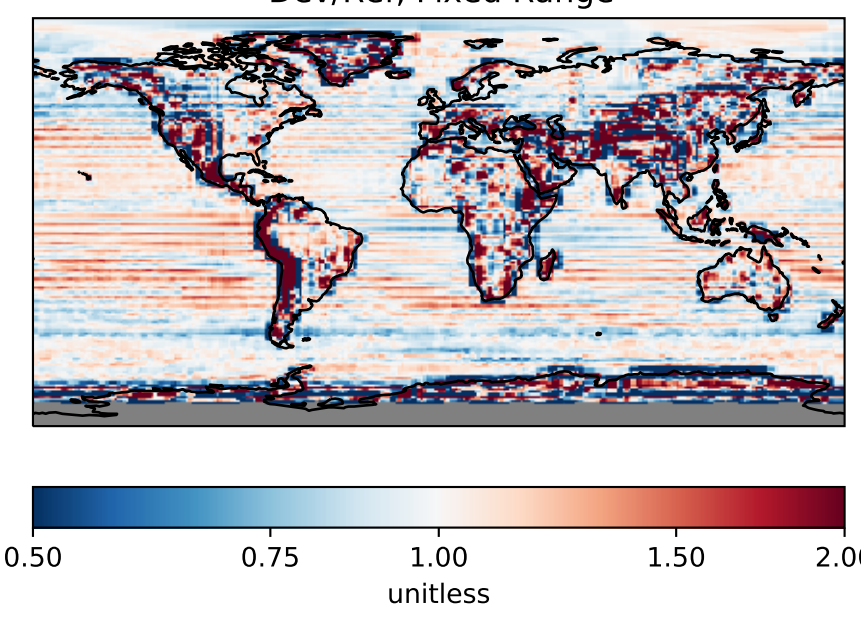
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

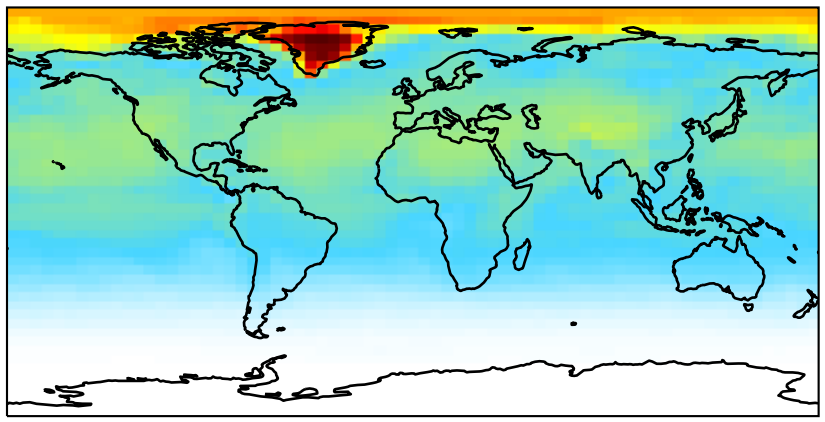


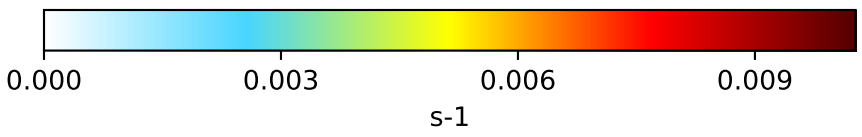
Ratio (1x1.25)
Dev/Ref, Fixed Range



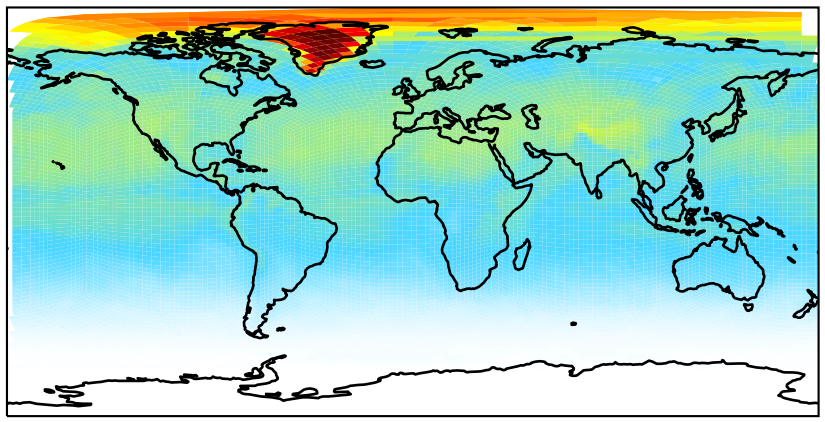
Jval_NO2

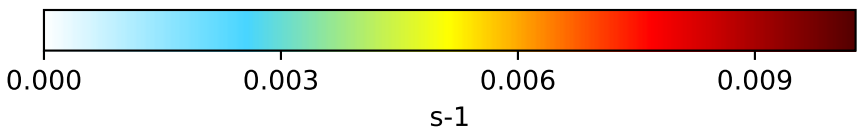
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



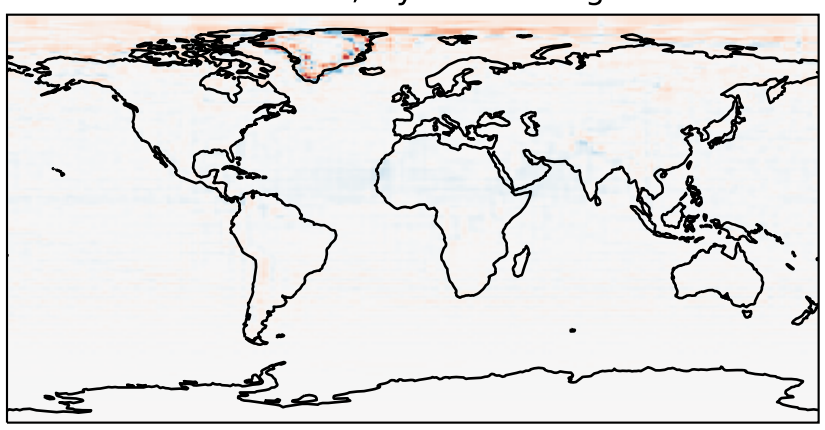


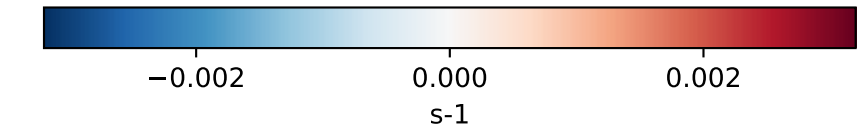
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c48



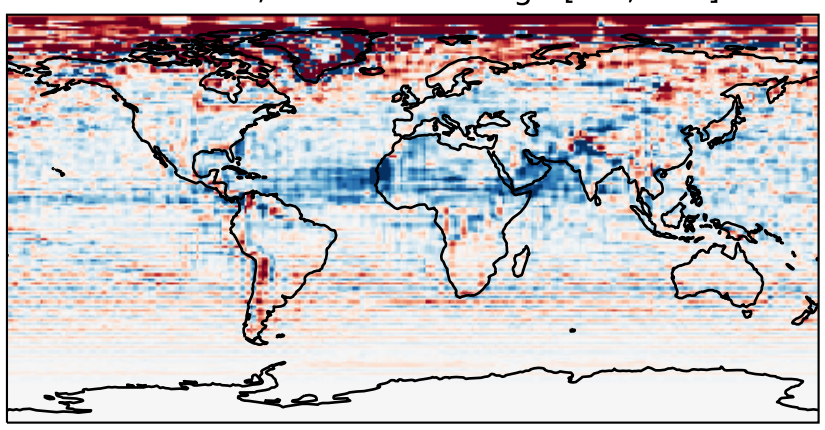


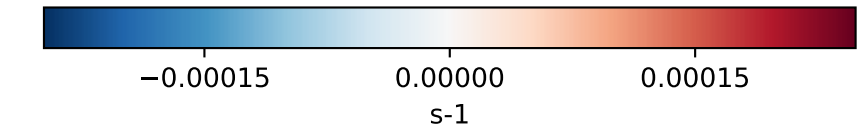
Difference (1x1.25)
Dev - Ref, Dynamic Range



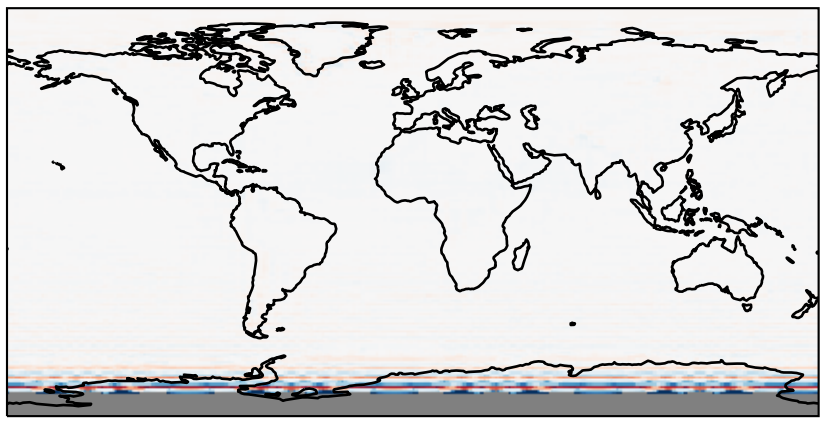


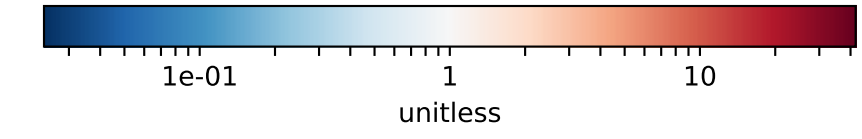
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



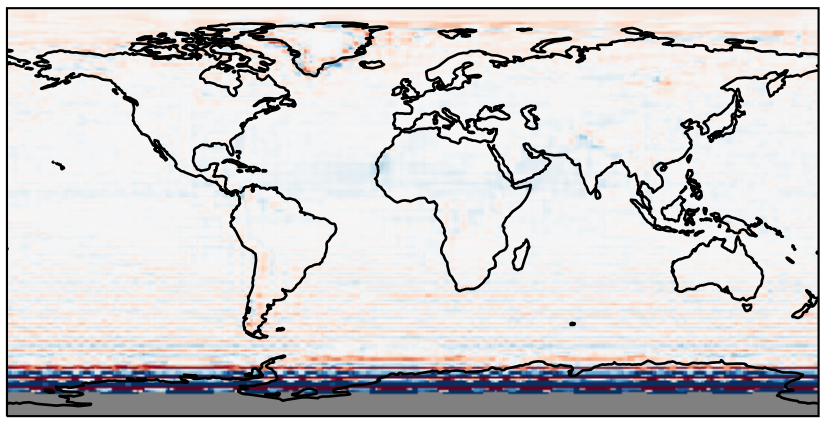


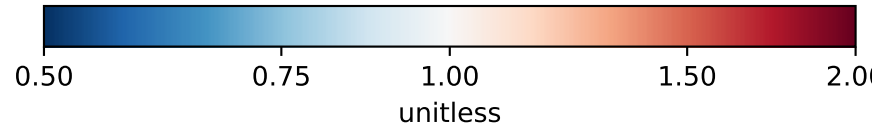
Ratio (1x1.25)
Dev/Ref, Dynamic Range





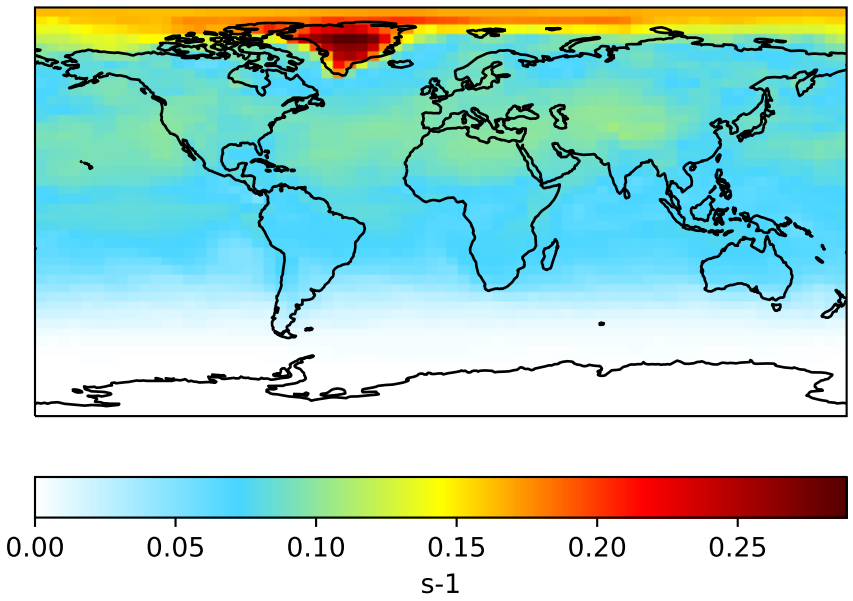
Ratio (1x1.25)
Dev/Ref, Fixed Range



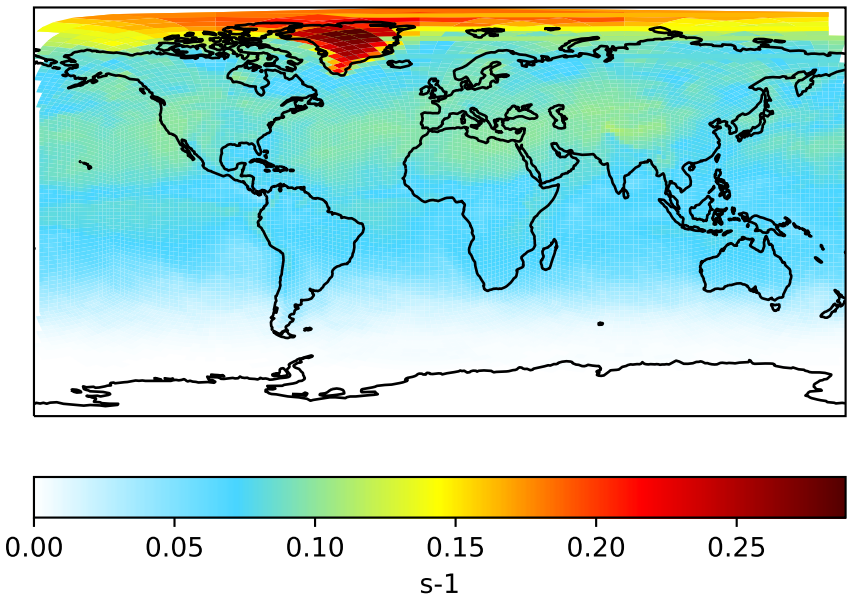


Jval_NO3

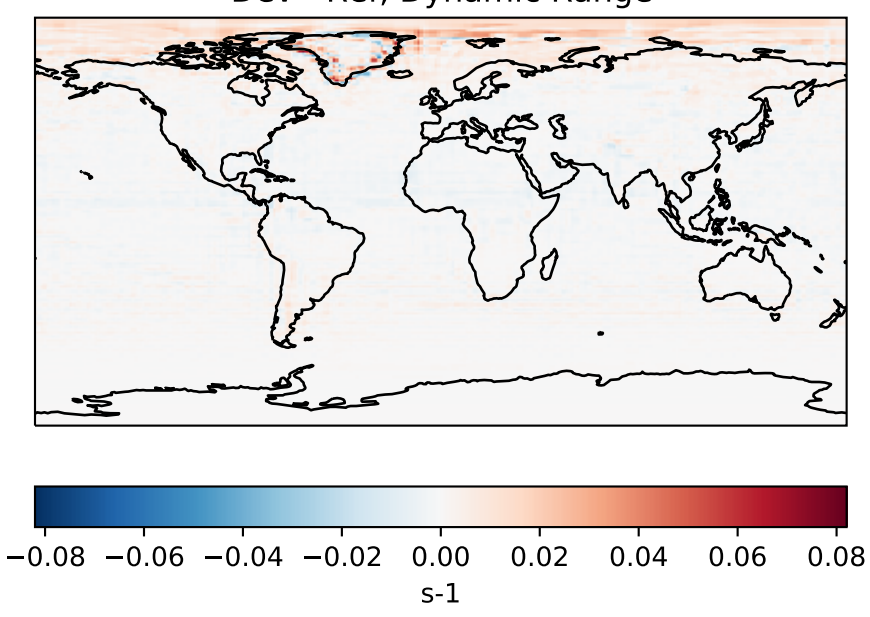
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



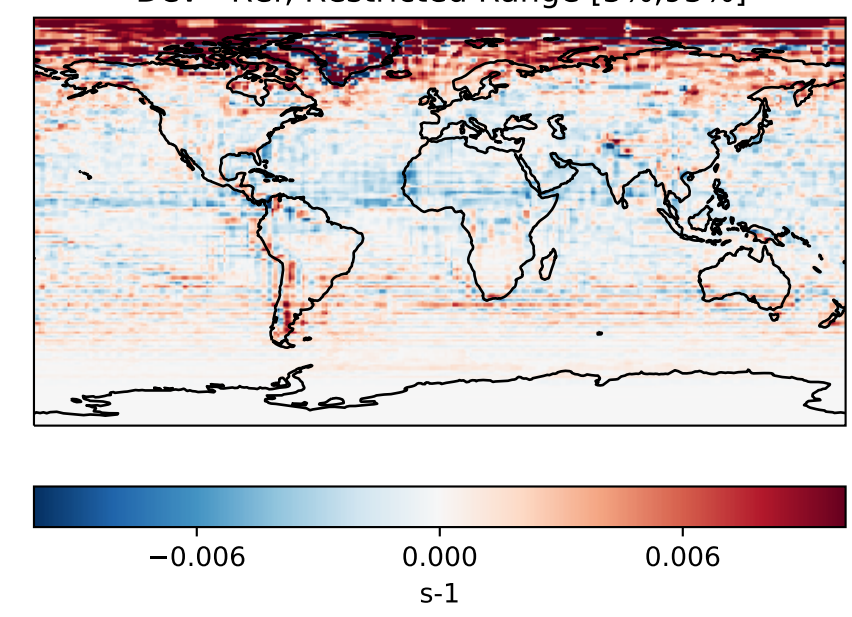
GCHP_13.1.0-beta.1 (Dev)
c48



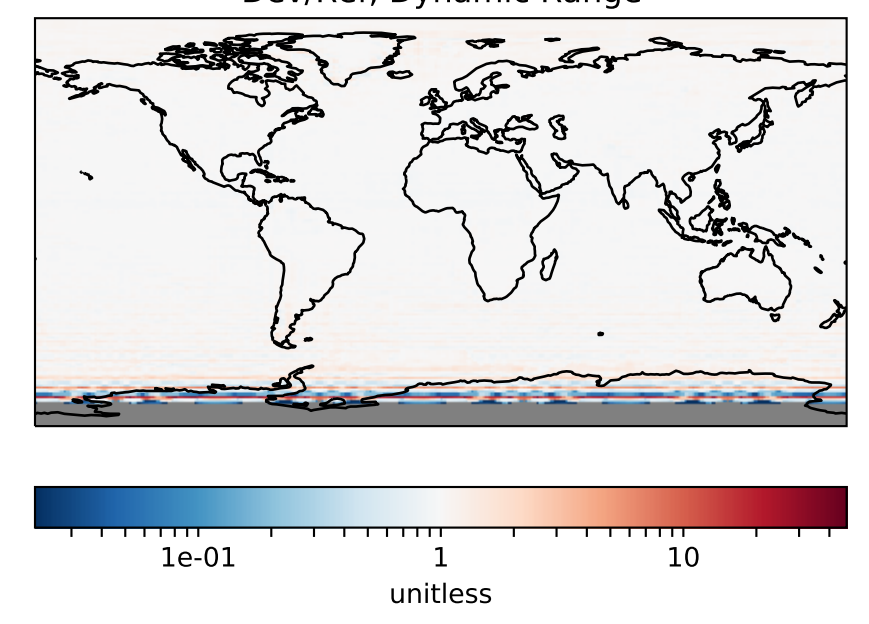
Difference (1x1.25)
Dev - Ref, Dynamic Range



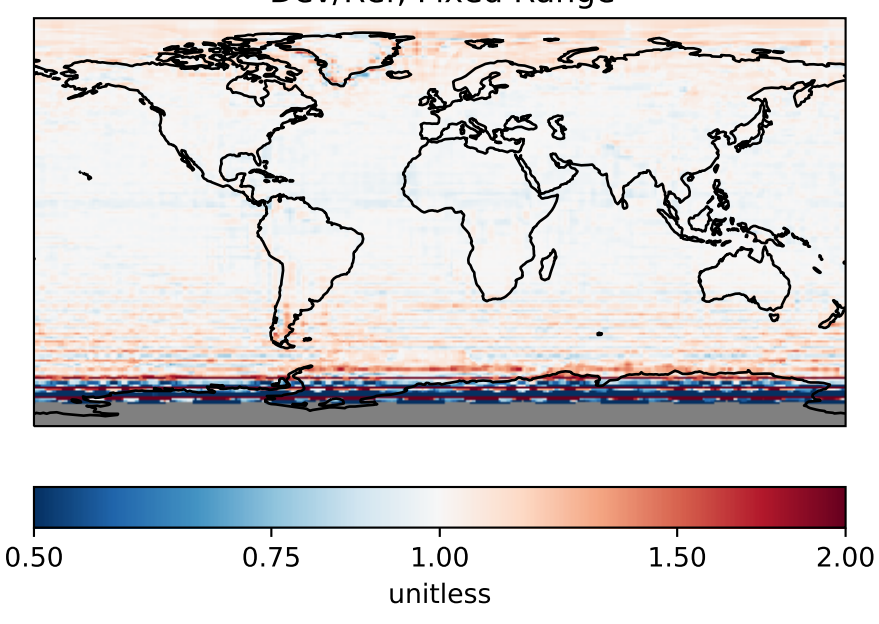
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

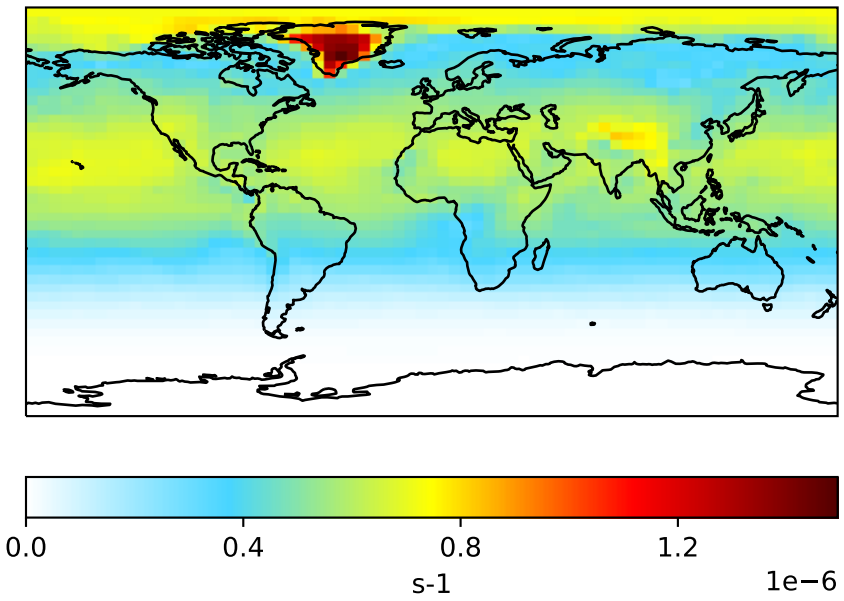


Ratio (1x1.25)
Dev/Ref, Fixed Range

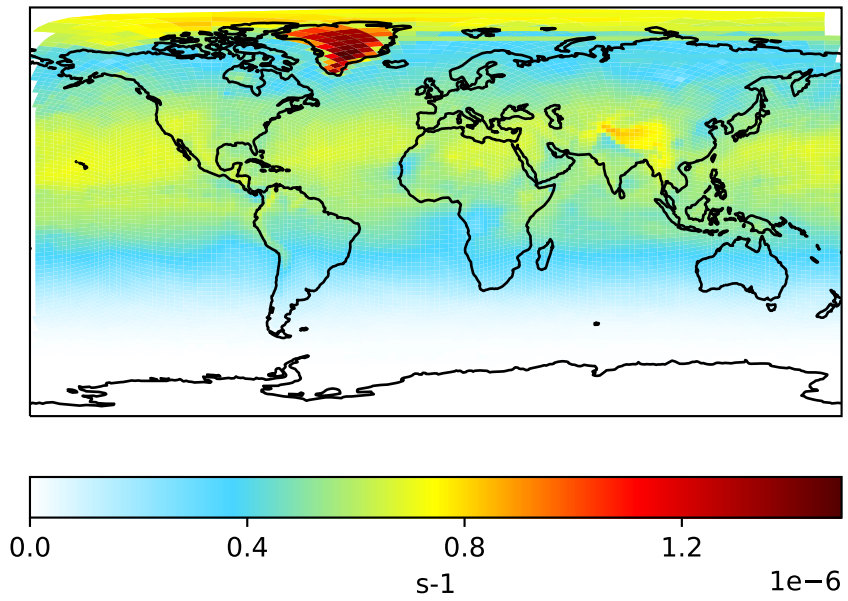


Jval_NPRNO3

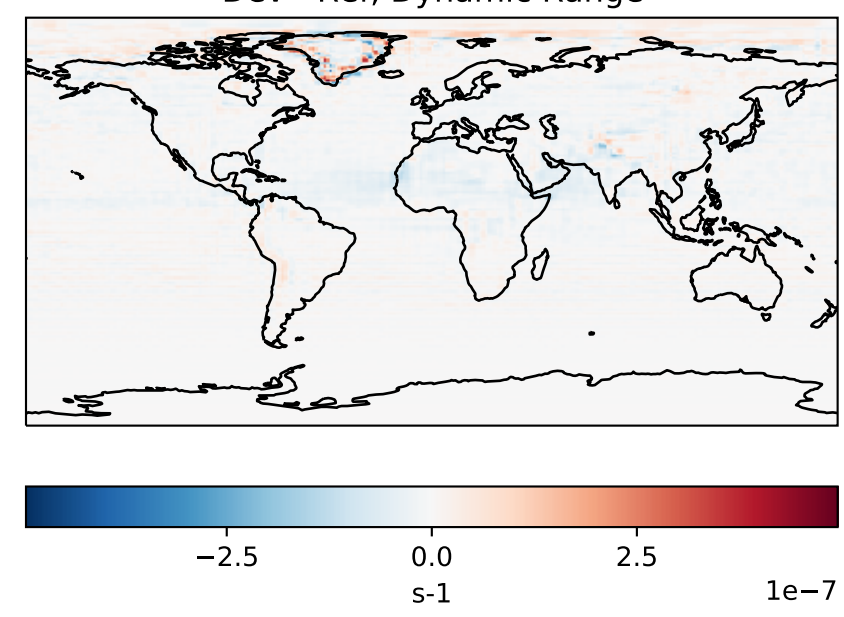
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



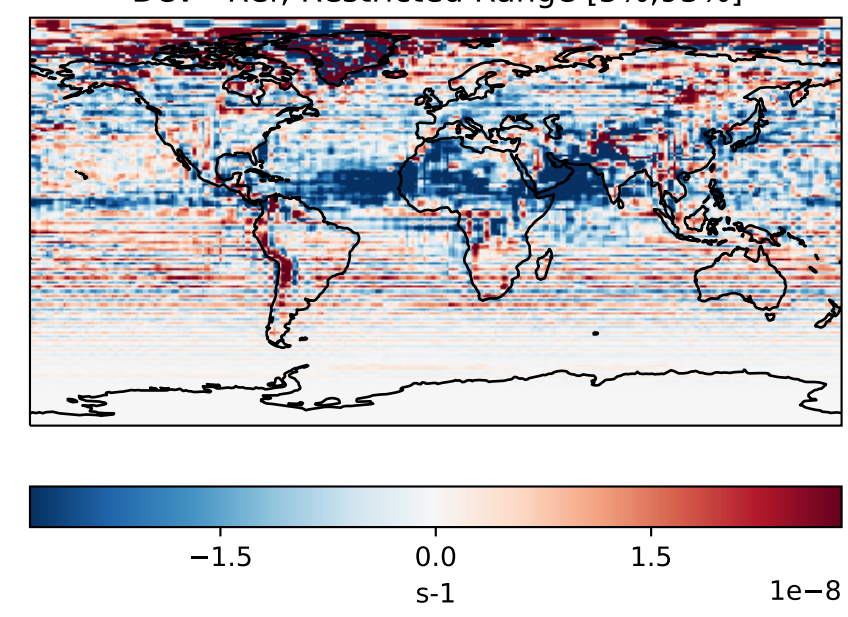
GCHP_13.1.0-beta.1 (Dev)
c48



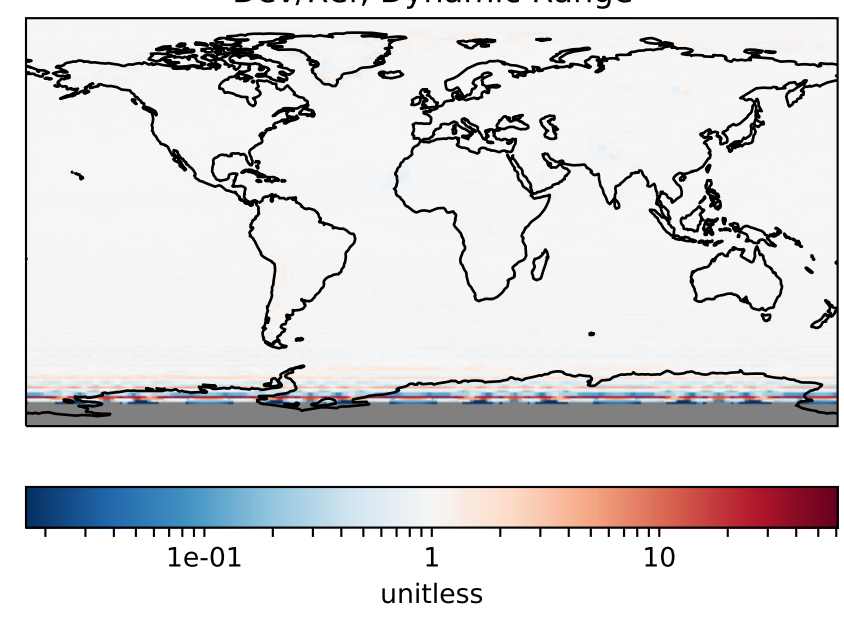
Difference (1x1.25)
Dev - Ref, Dynamic Range



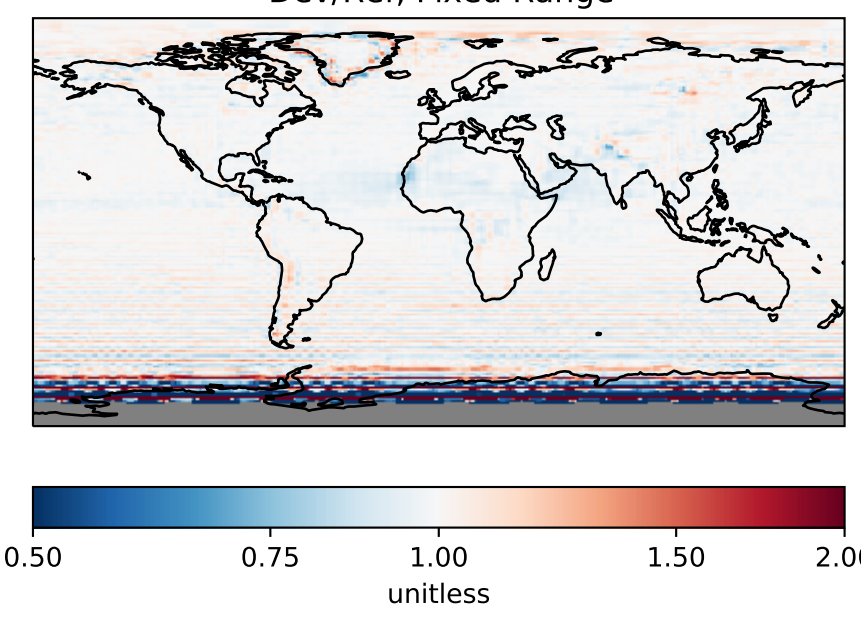
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

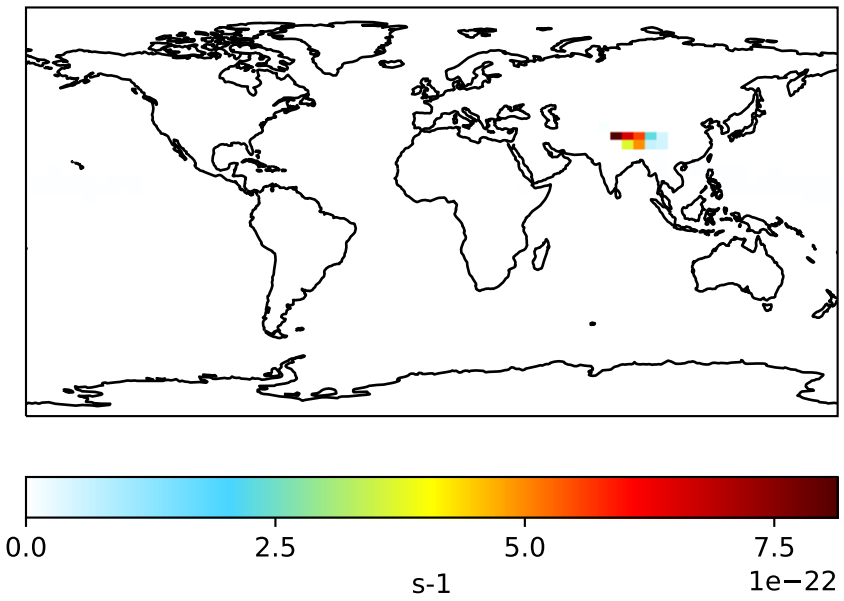


Ratio (1x1.25)
Dev/Ref, Fixed Range

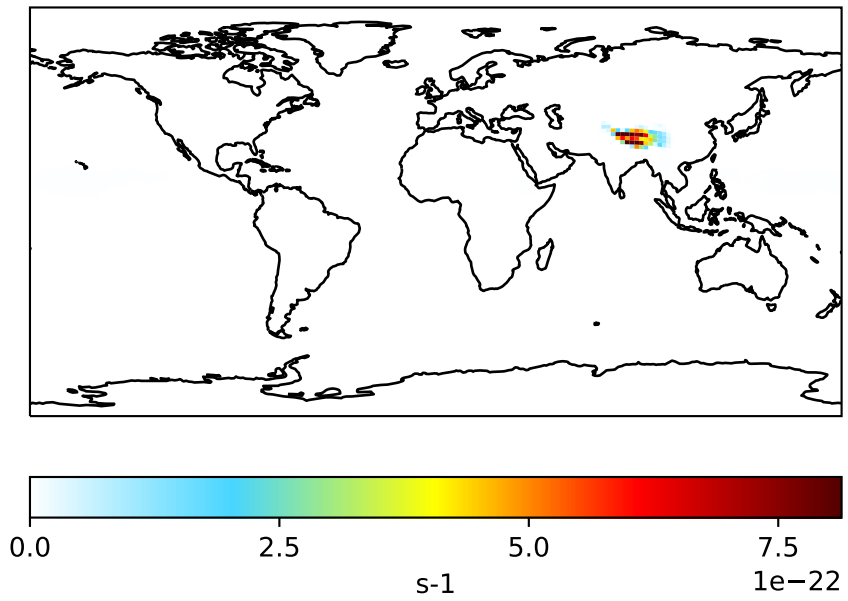


Jval_O2

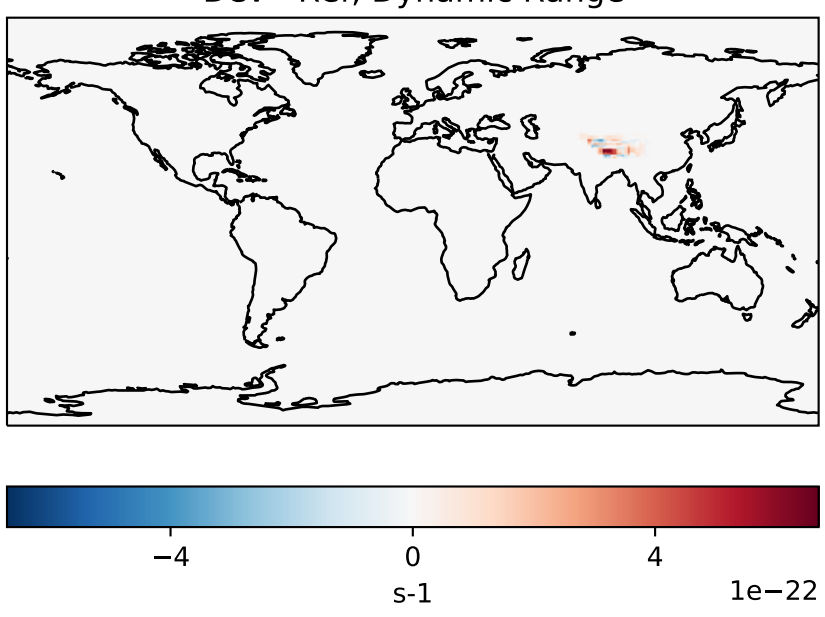
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



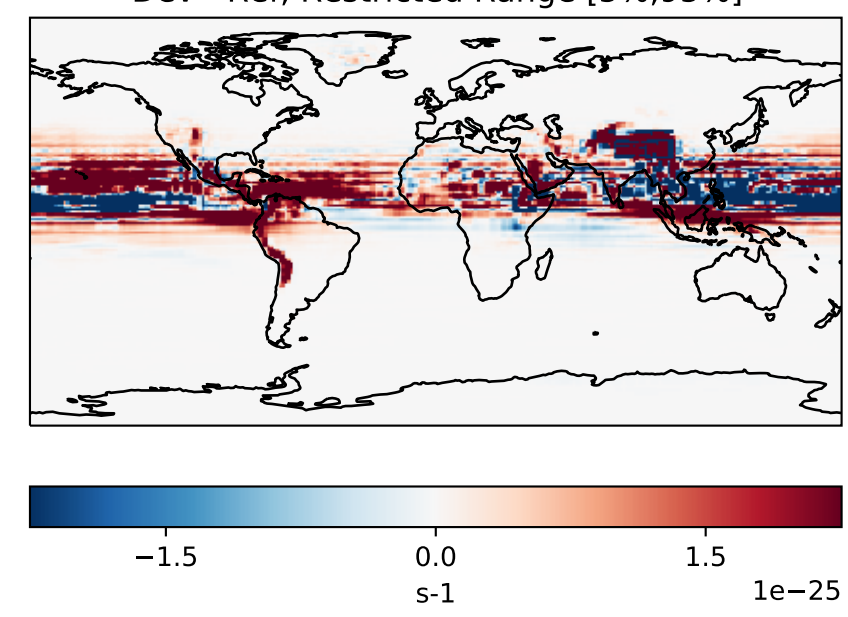
GCHP_13.1.0-beta.1 (Dev)
c48



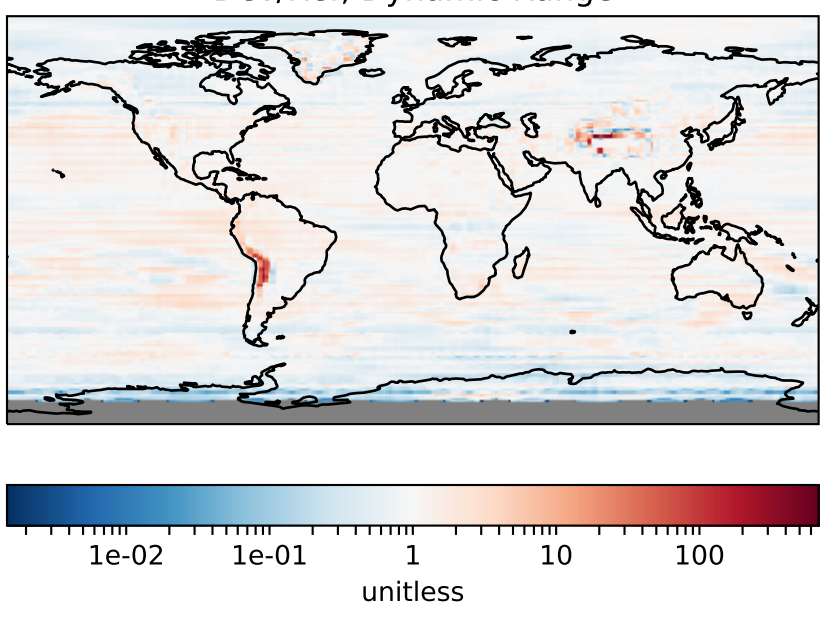
Difference (1x1.25)
Dev - Ref, Dynamic Range



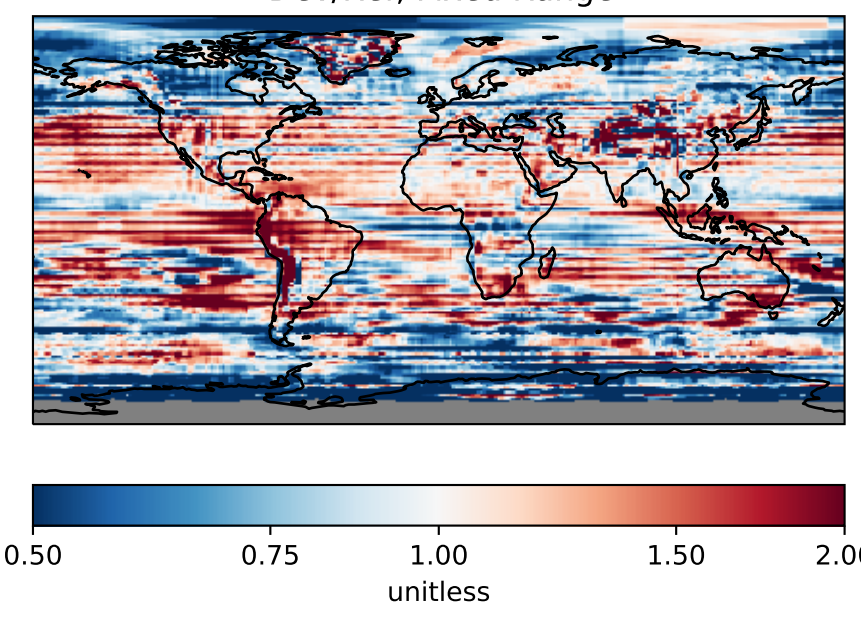
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

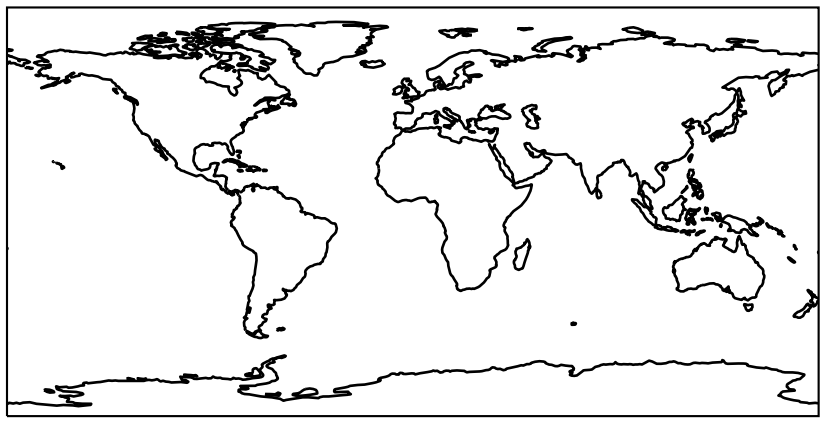


Ratio (1x1.25)
Dev/Ref, Fixed Range



Jval_O3

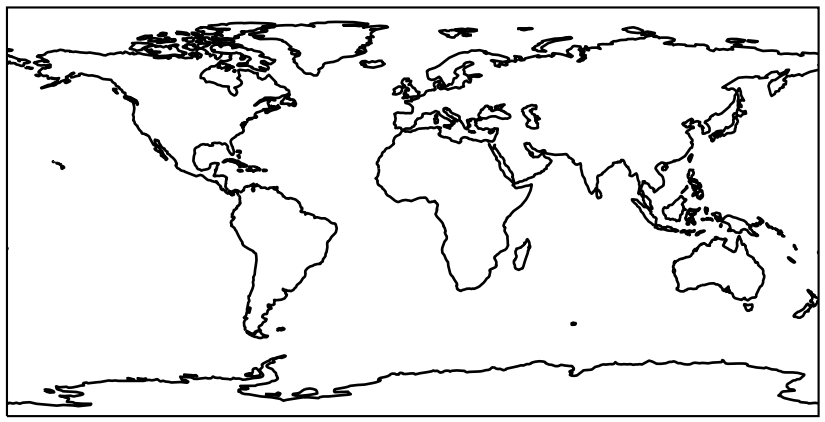
GCC_13.1.0-beta.1 (Ref)
4.0x5.0





Zero throughout domain
s-1

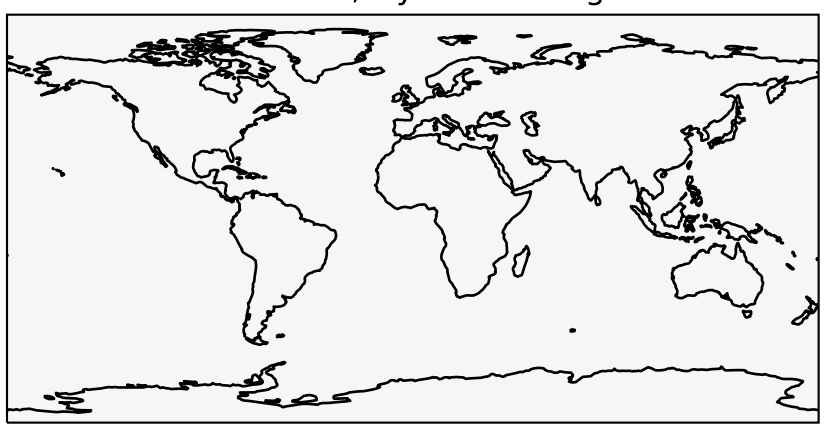
GCHP_13.1.0-beta.1 (Dev)
c48





Zero throughout domain
s-1

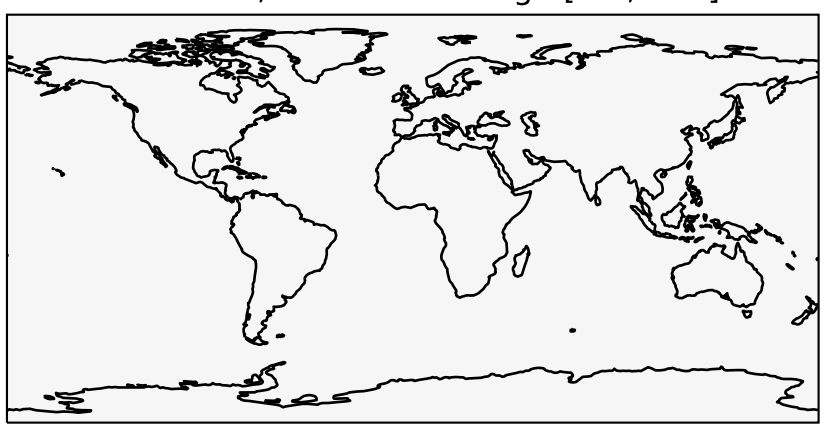
Difference (1x1.25)
Dev - Ref, Dynamic Range





Zero throughout domain
s-1

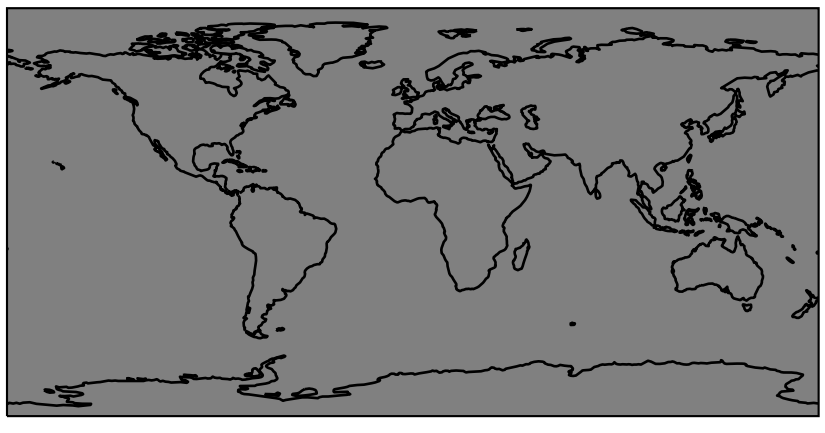
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]





Zero throughout domain
s-1

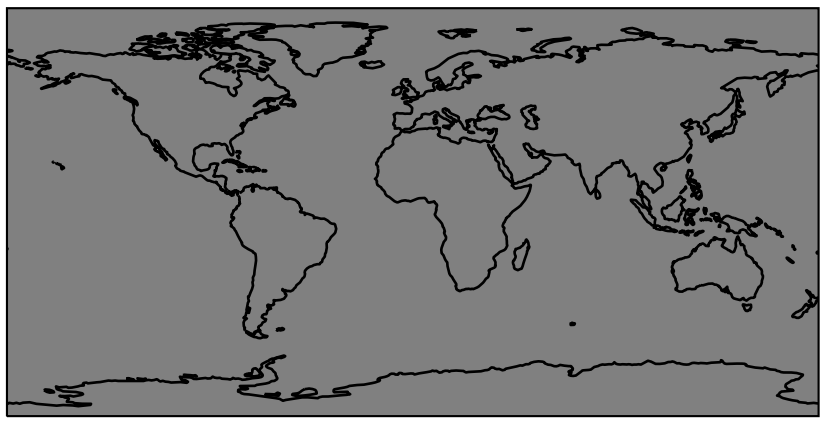
Ratio (1x1.25)
Dev/Ref, Dynamic Range





Undefined throughout domain
unitless

Ratio (1x1.25)
Dev/Ref, Fixed Range

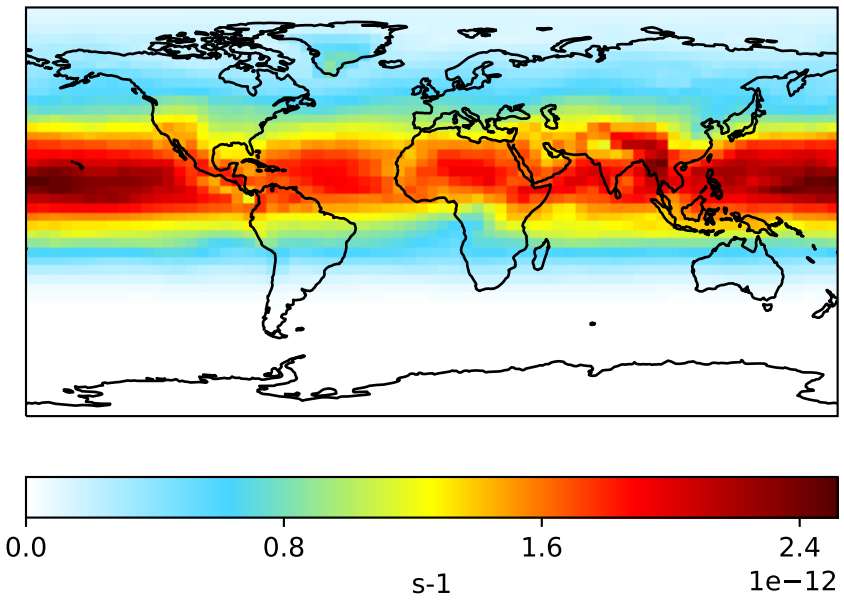




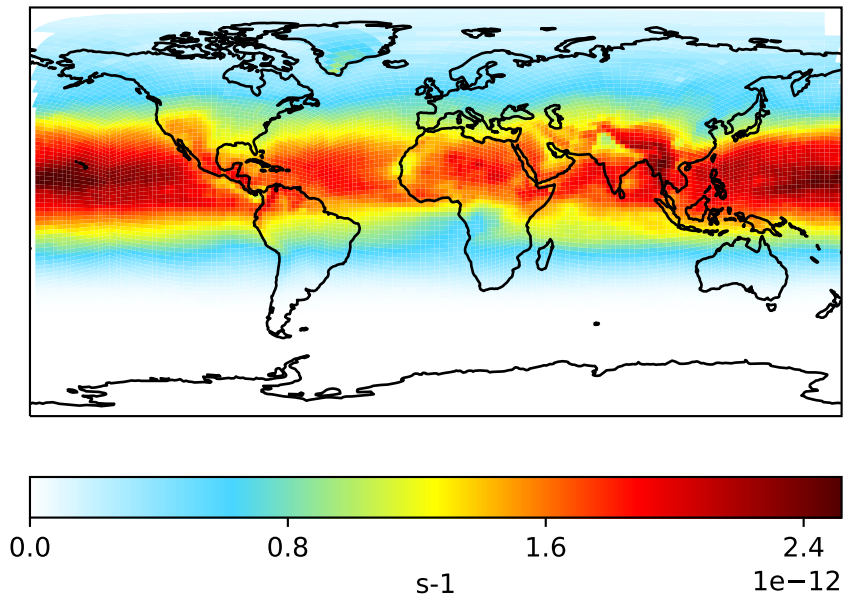
Undefined throughout domain
unitless

Jval_OCS

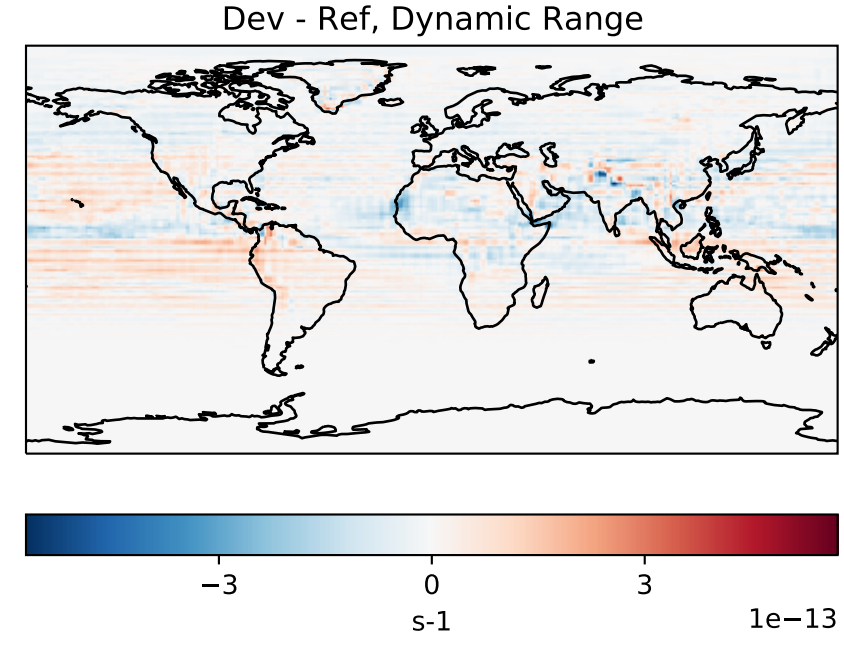
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



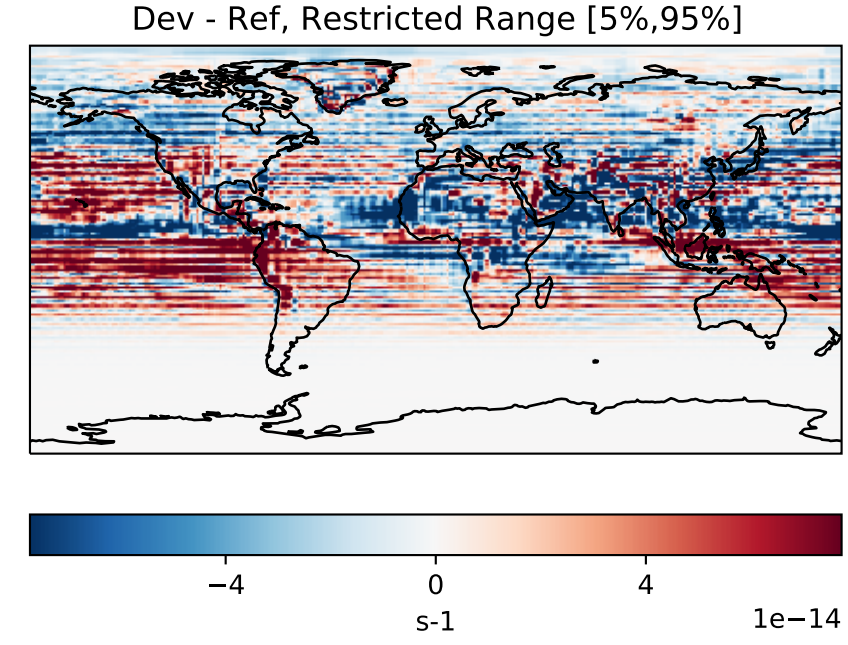
GCHP_13.1.0-beta.1 (Dev)
c48



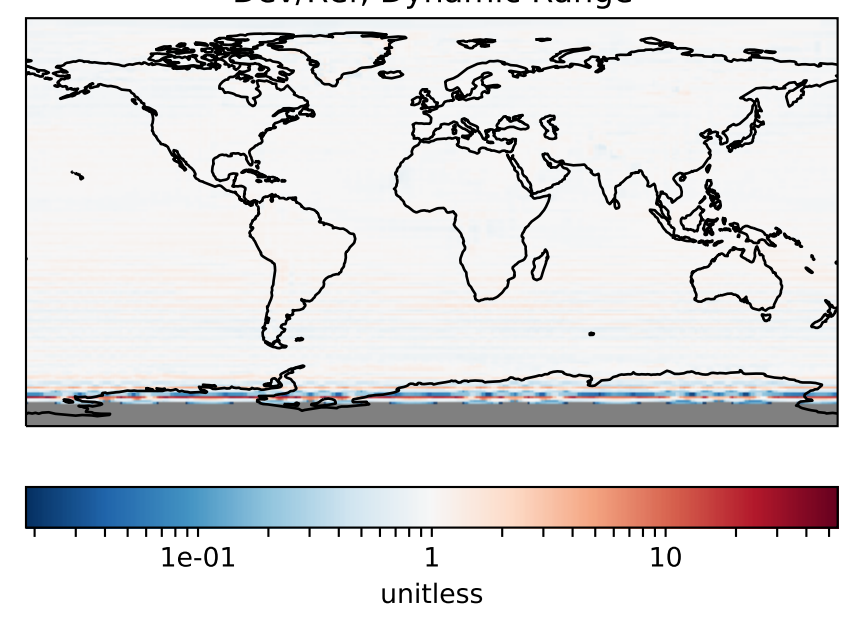
Difference (1x1.25)
Dev - Ref, Dynamic Range



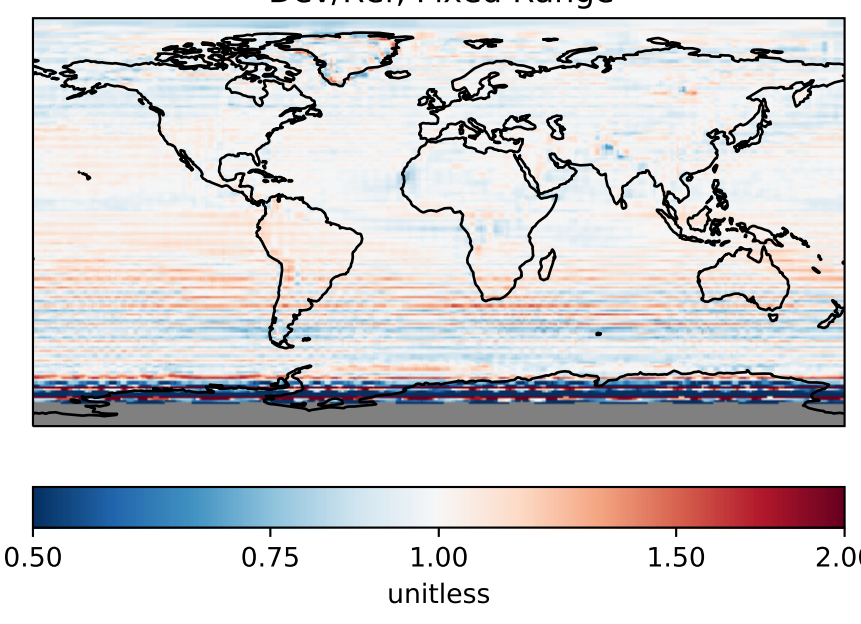
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

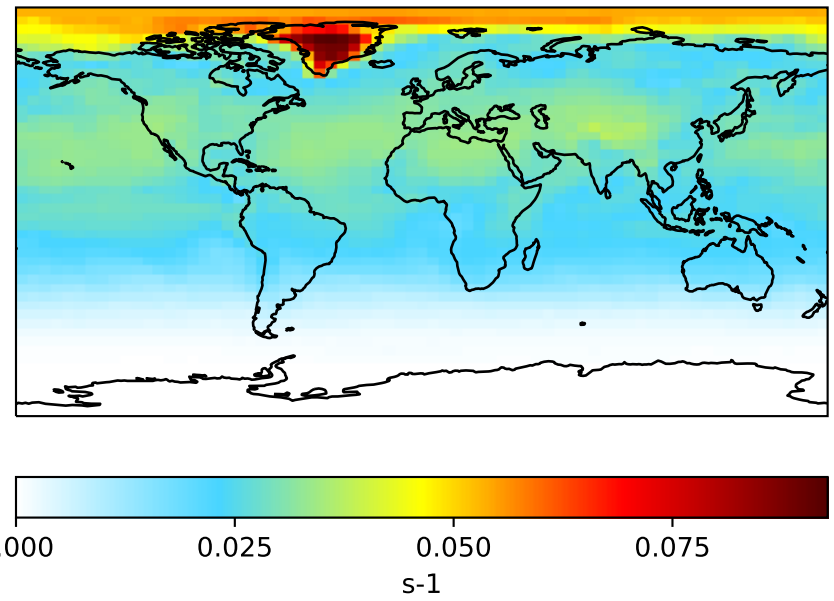


Ratio (1x1.25)
Dev/Ref, Fixed Range

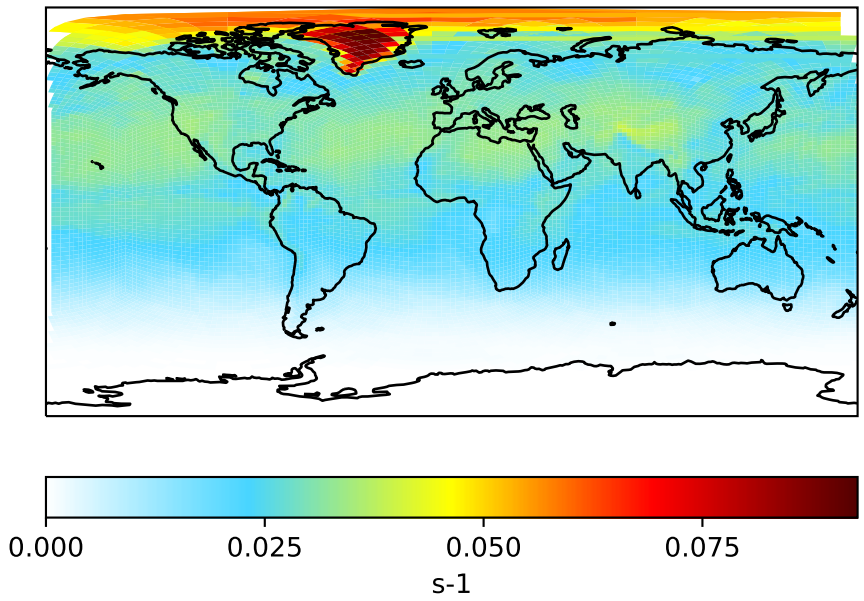


Jval_OClO

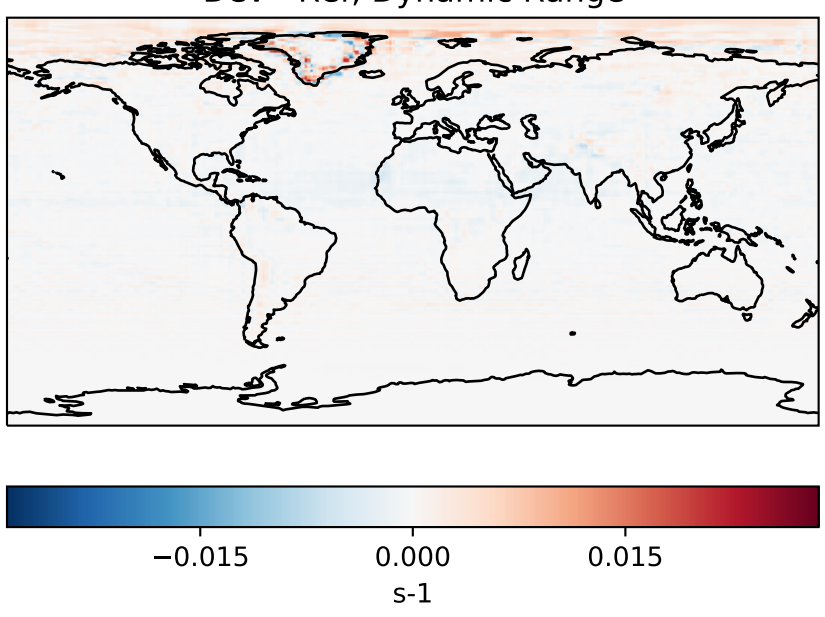
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



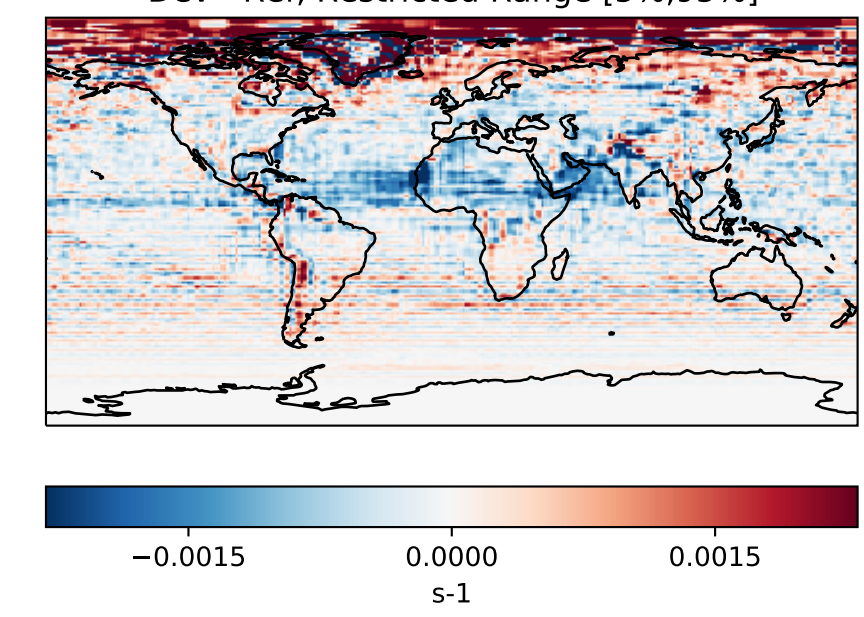
GCHP_13.1.0-beta.1 (Dev)
c48



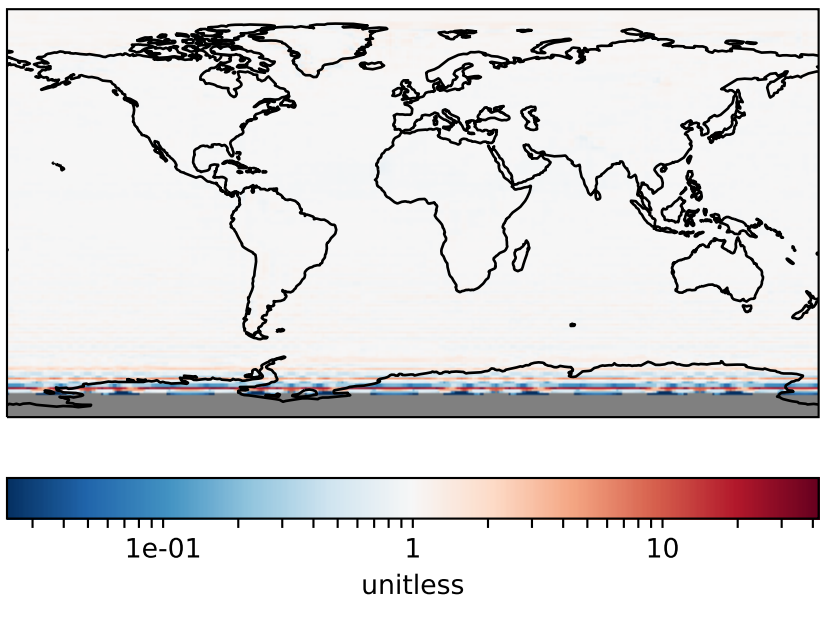
Difference (1x1.25)
Dev - Ref, Dynamic Range



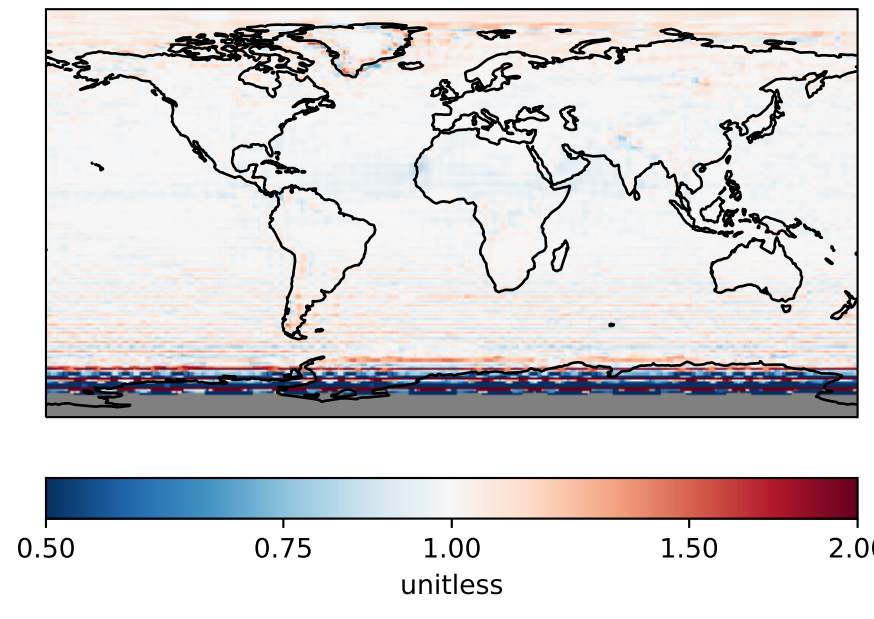
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

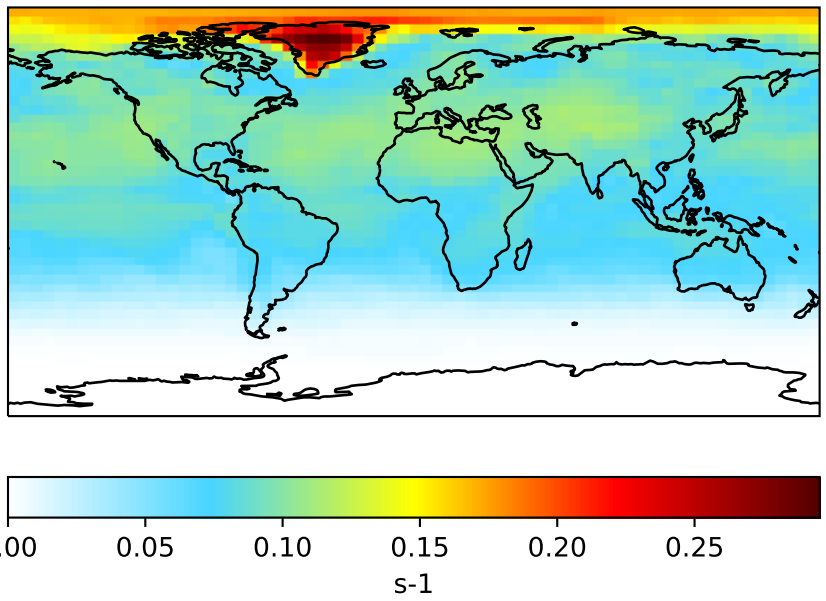


Ratio (1x1.25)
Dev/Ref, Fixed Range

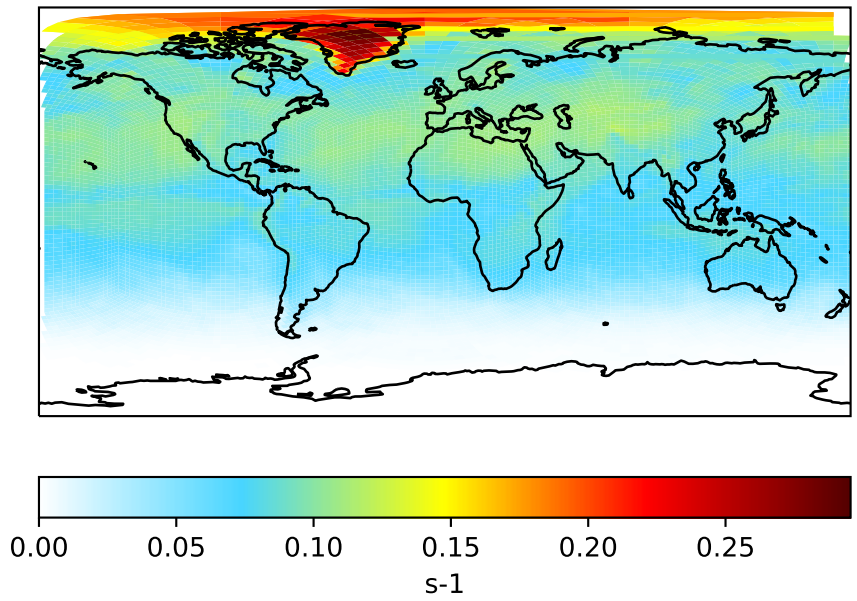


Jval_OIO

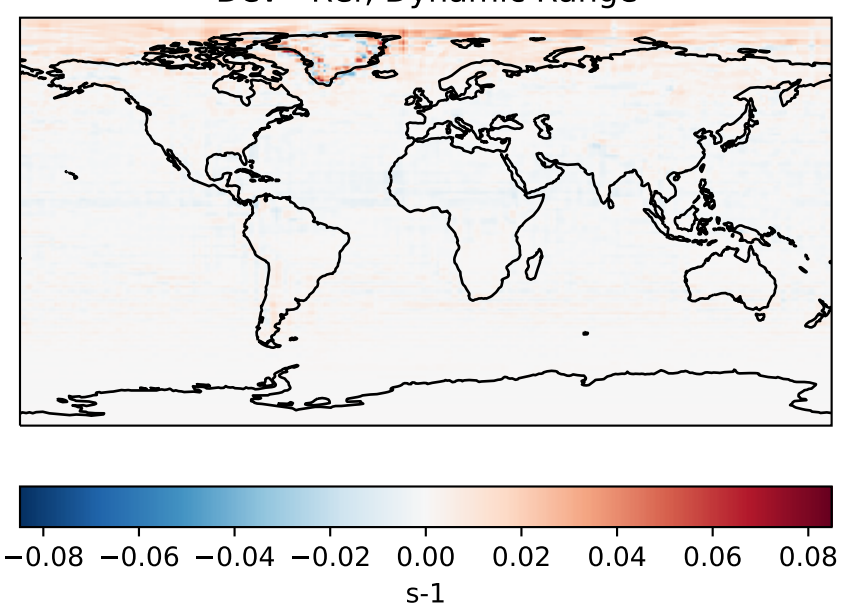
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



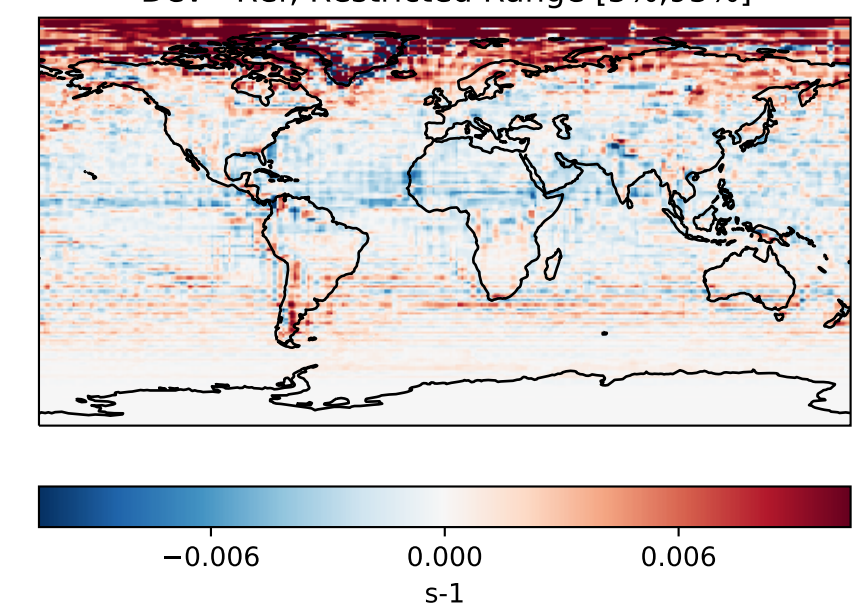
GCHP_13.1.0-beta.1 (Dev)
c48



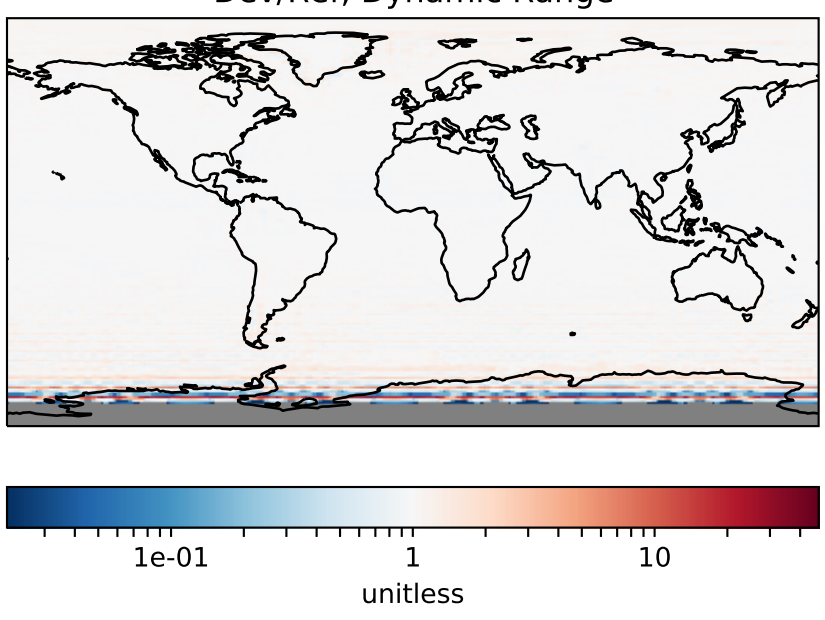
Difference (1x1.25)
Dev - Ref, Dynamic Range



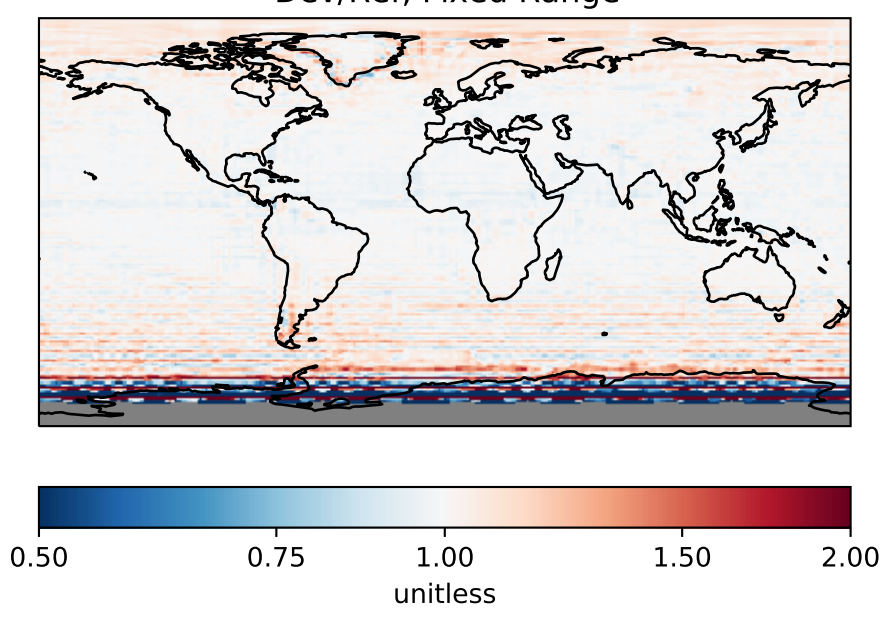
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

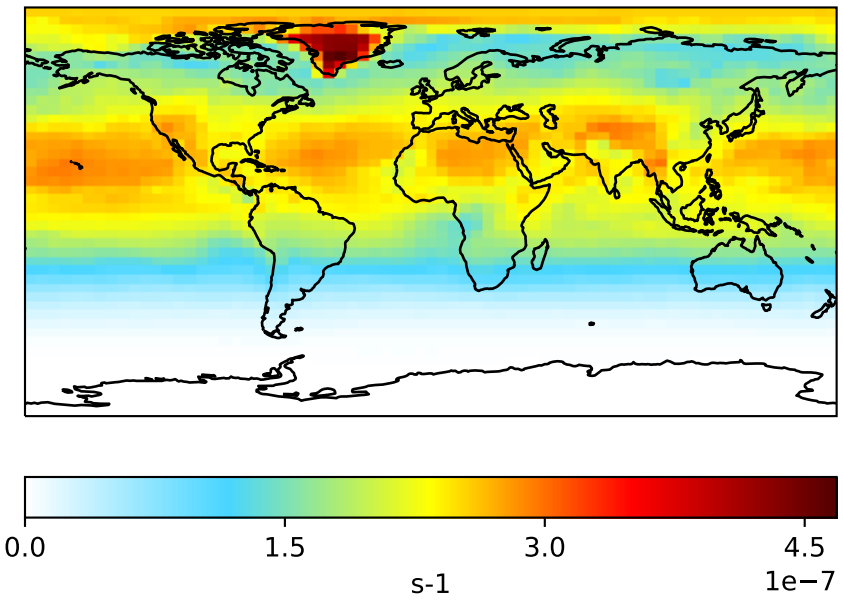


Ratio (1x1.25)
Dev/Ref, Fixed Range

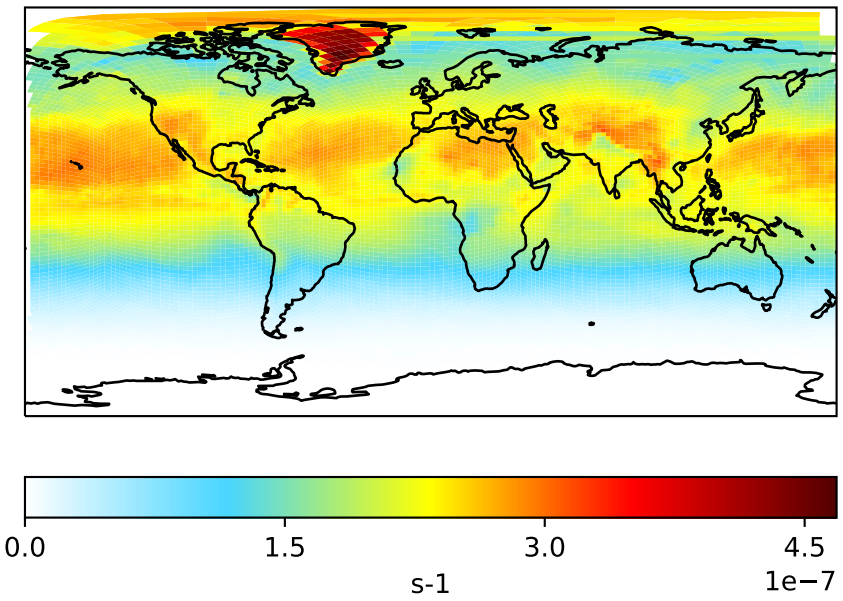


Jval_PAN

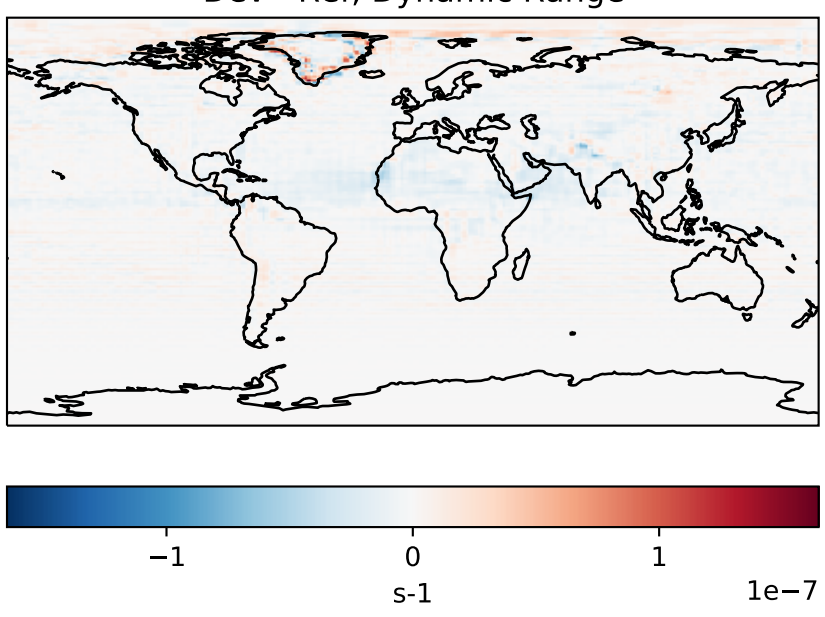
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



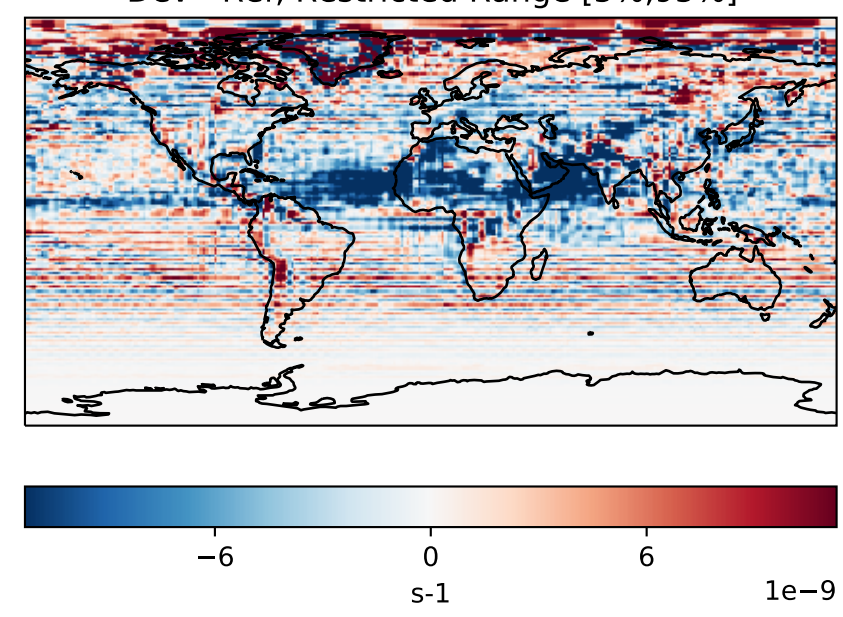
GCHP_13.1.0-beta.1 (Dev)
c48



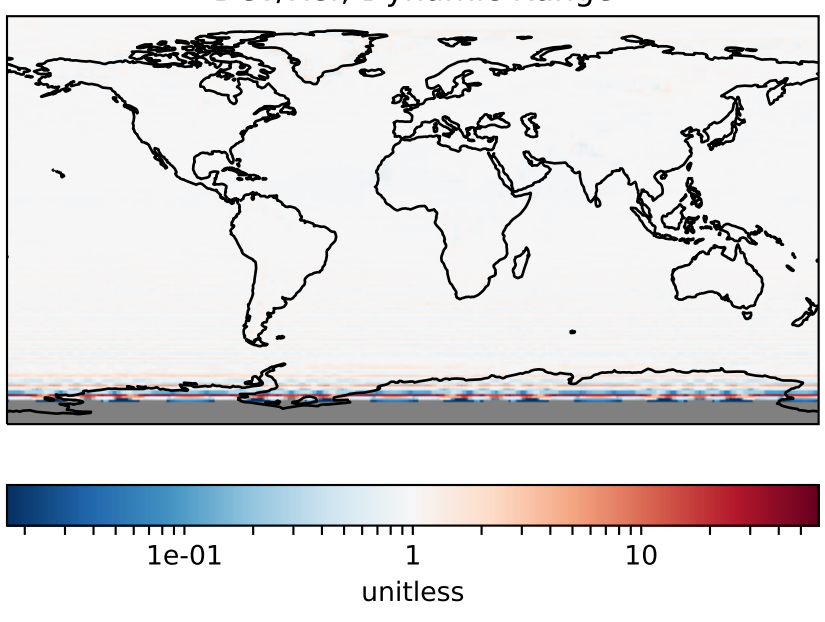
Difference (1x1.25)
Dev - Ref, Dynamic Range



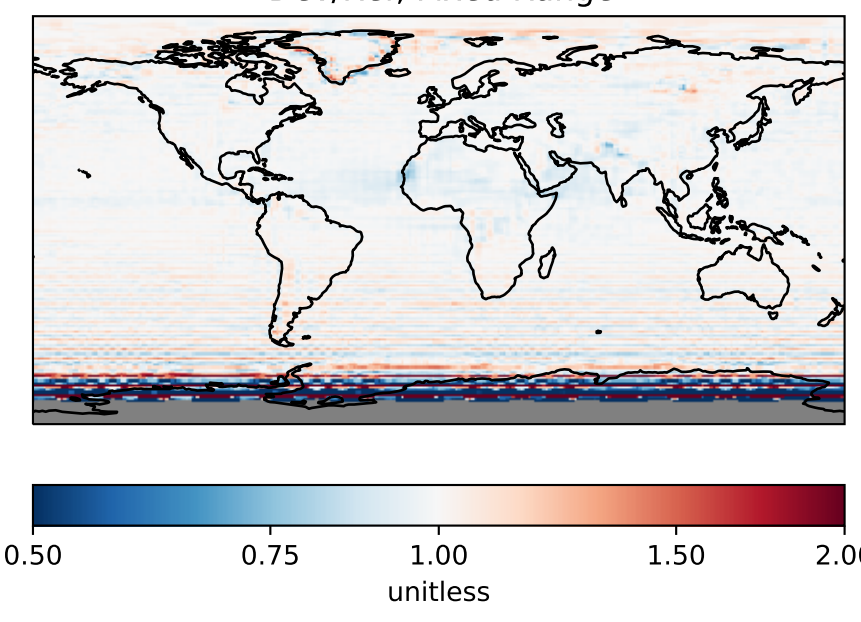
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

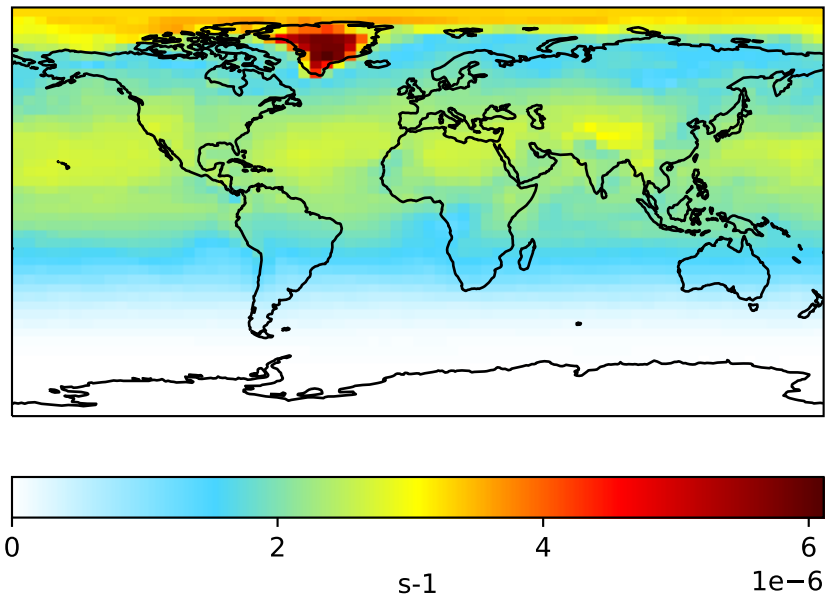


Ratio (1x1.25)
Dev/Ref, Fixed Range

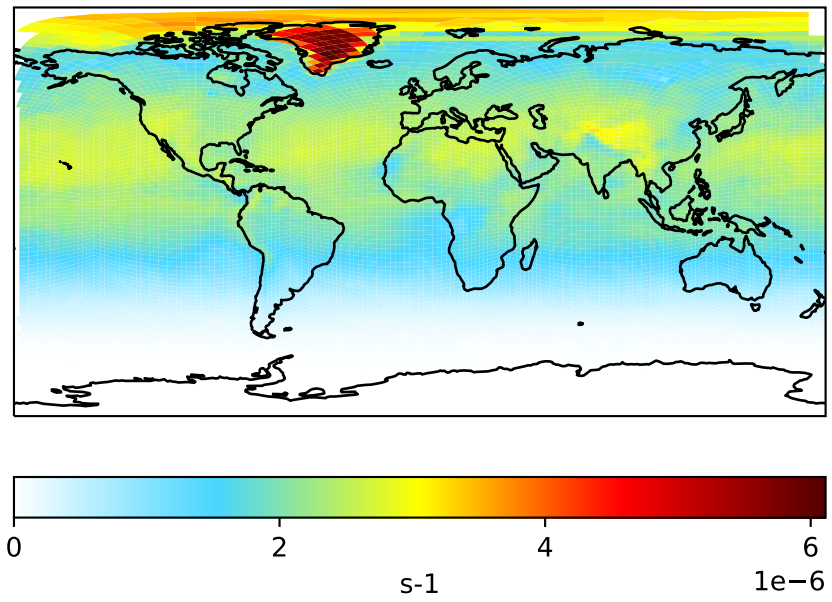


Jval_PIP

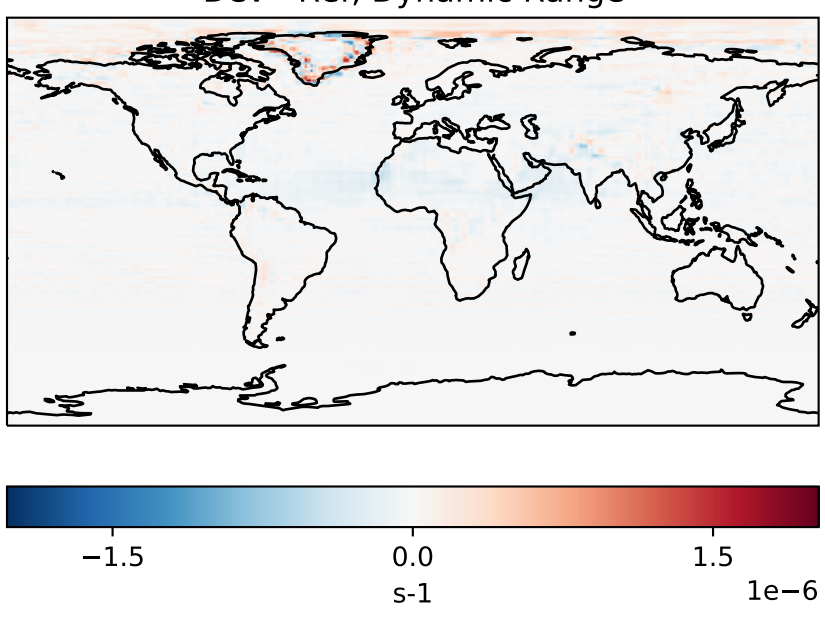
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



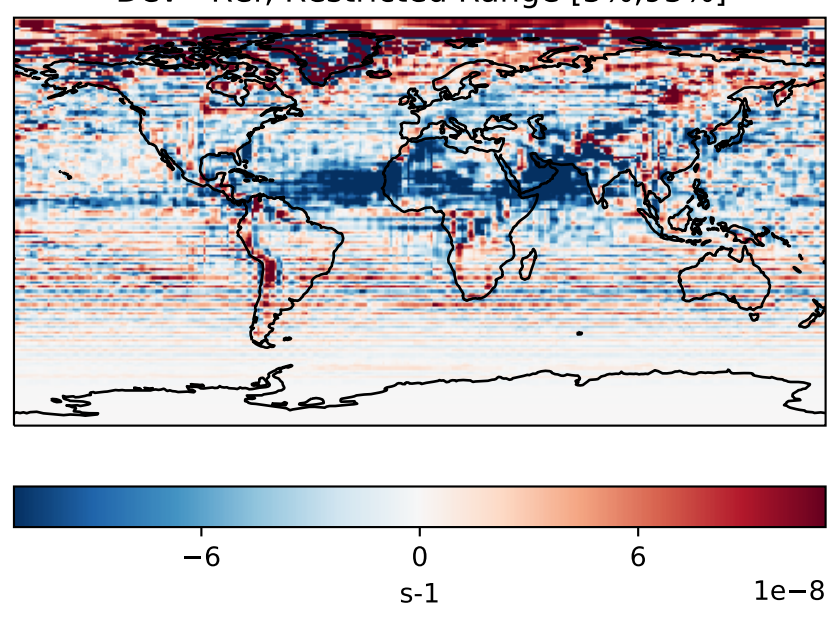
GCHP_13.1.0-beta.1 (Dev)
c48



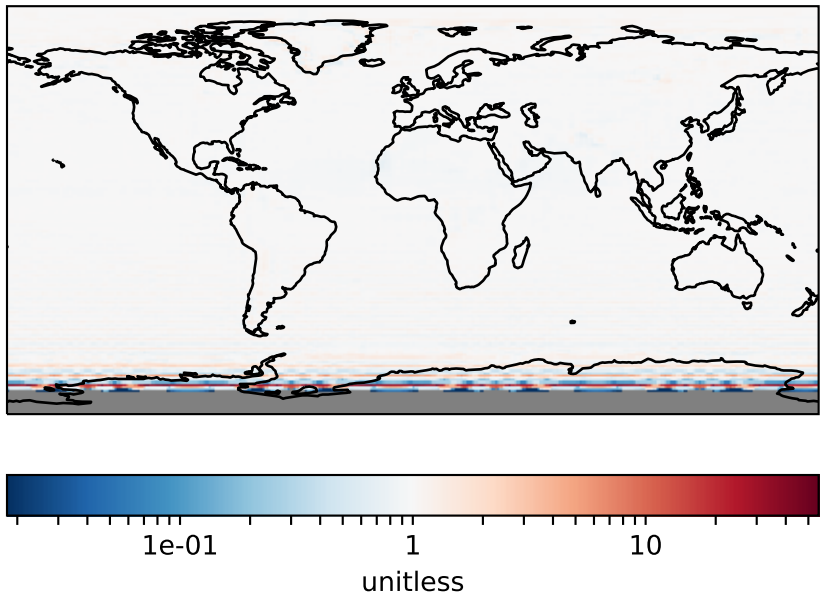
Difference (1x1.25)
Dev - Ref, Dynamic Range



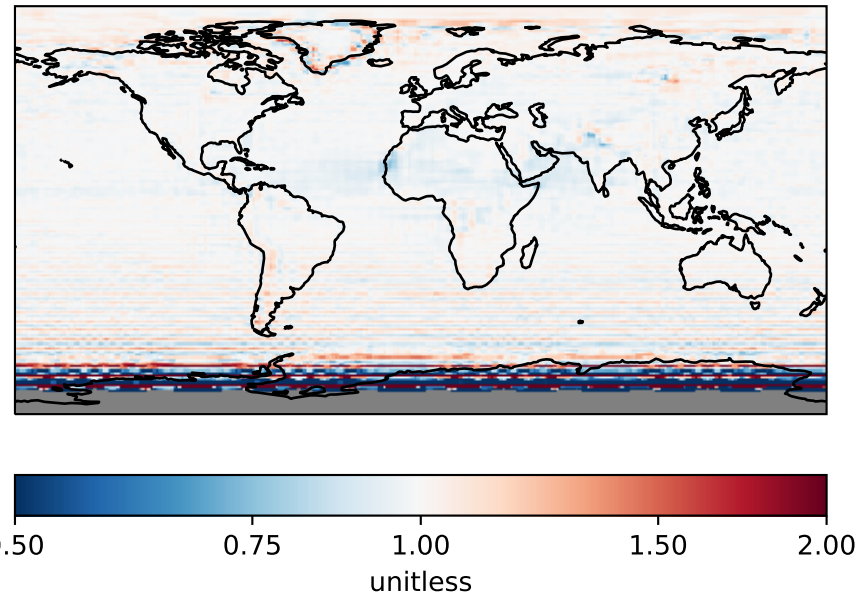
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

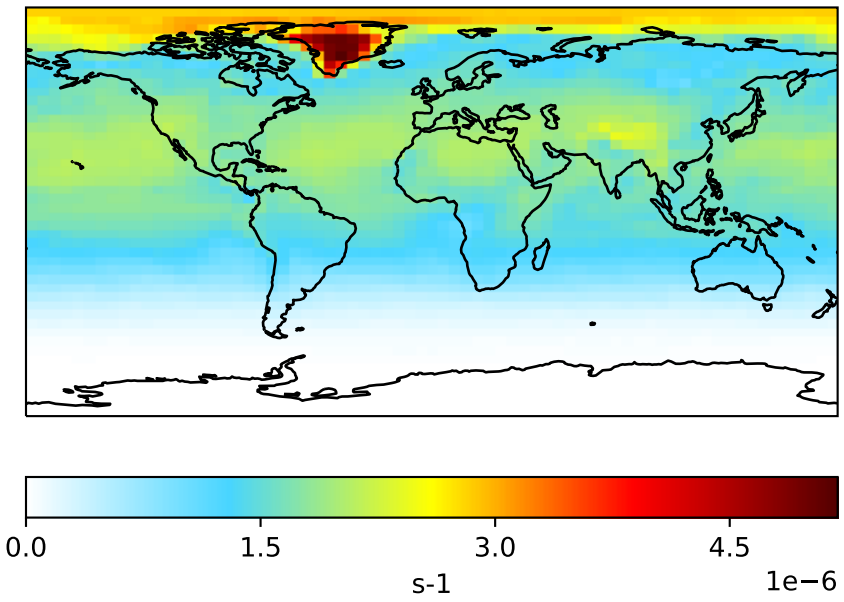


Ratio (1x1.25)
Dev/Ref, Fixed Range

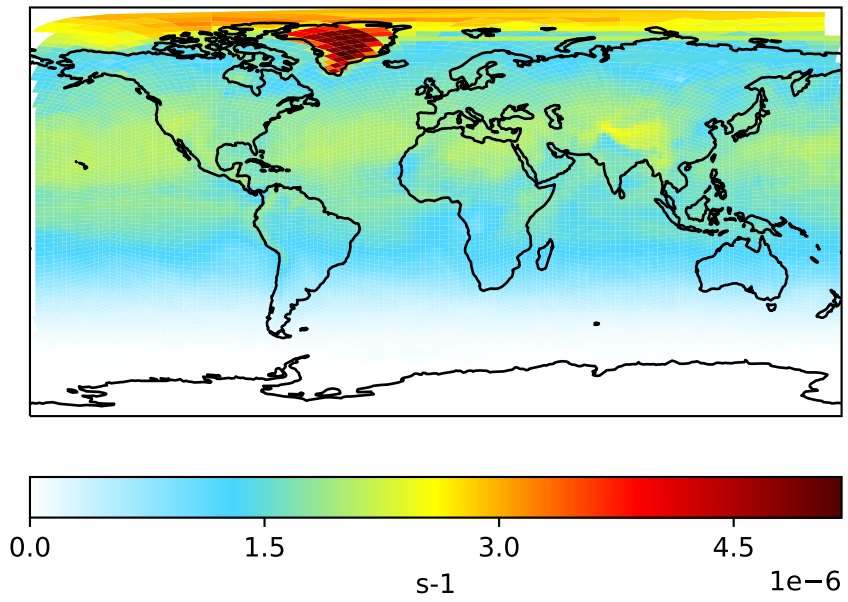


Jval_PP

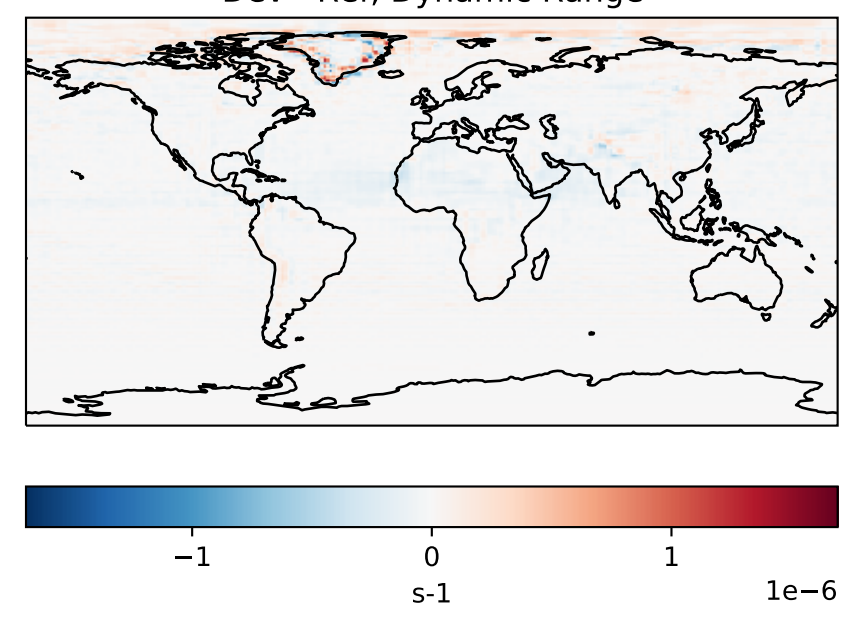
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



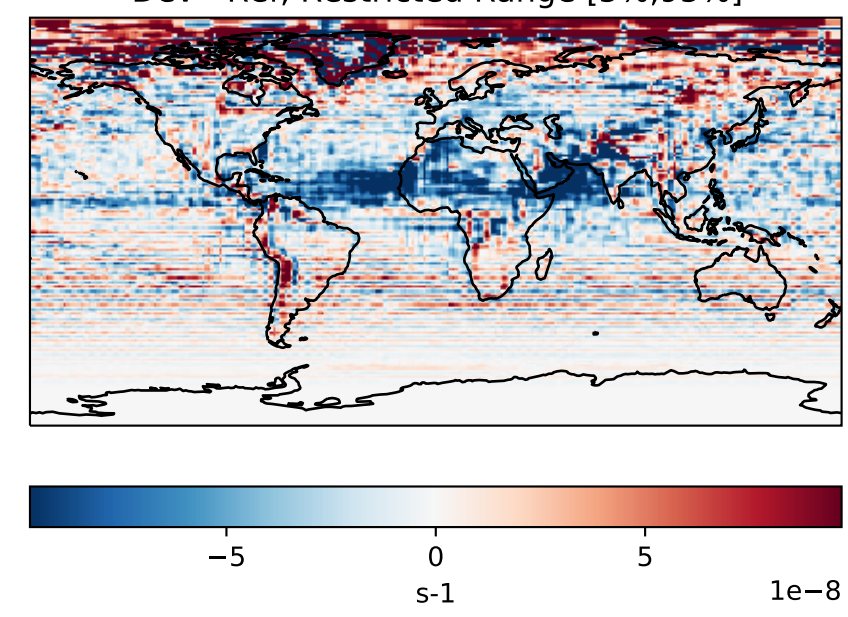
GCHP_13.1.0-beta.1 (Dev)
c48



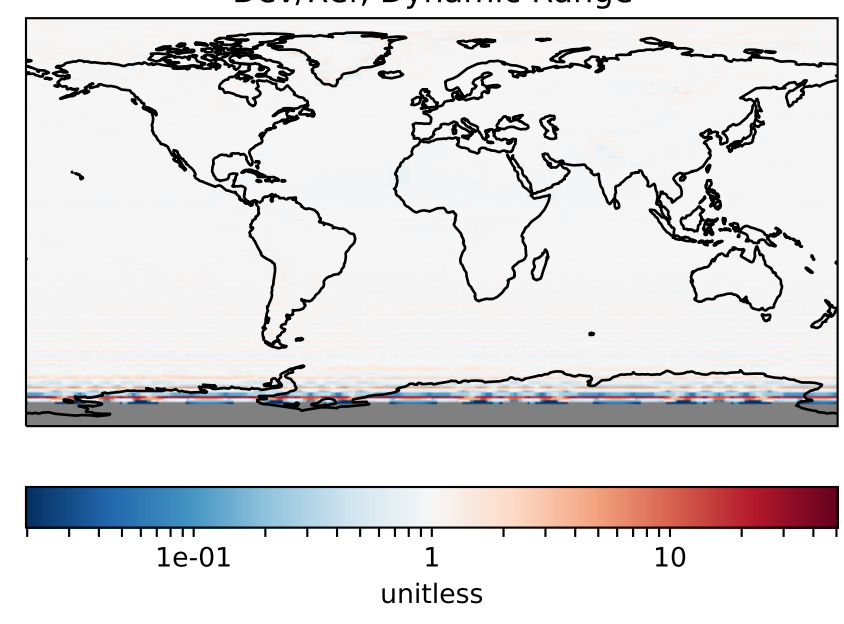
Difference (1x1.25)
Dev - Ref, Dynamic Range



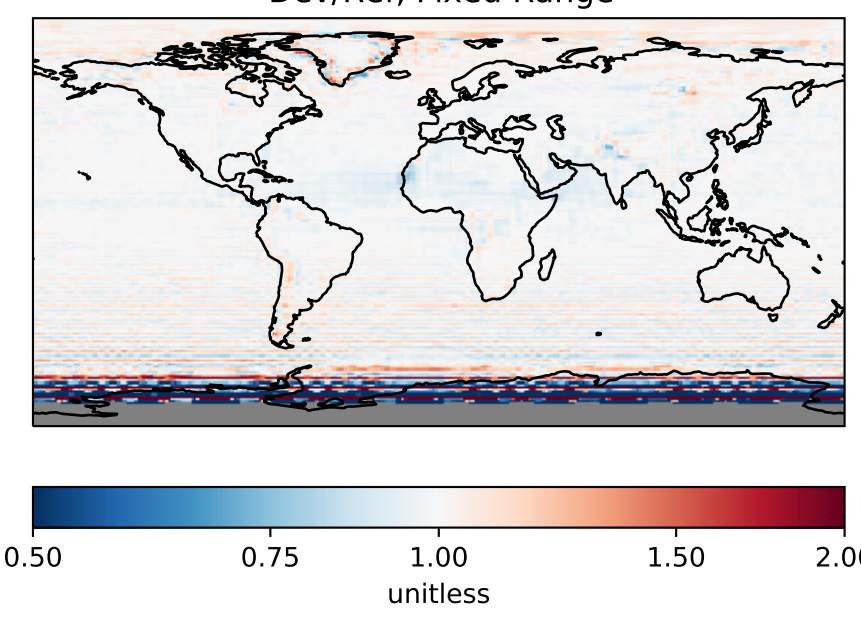
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

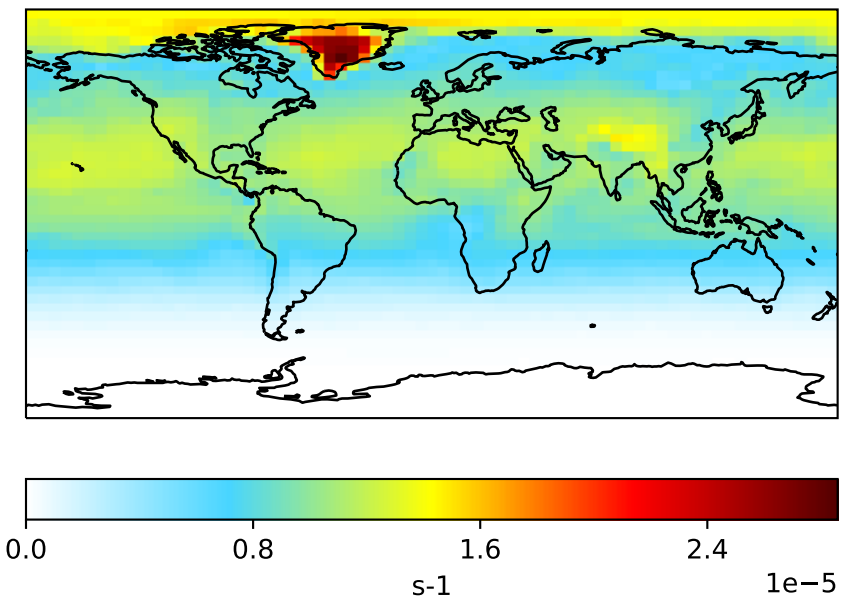


Ratio (1x1.25)
Dev/Ref, Fixed Range

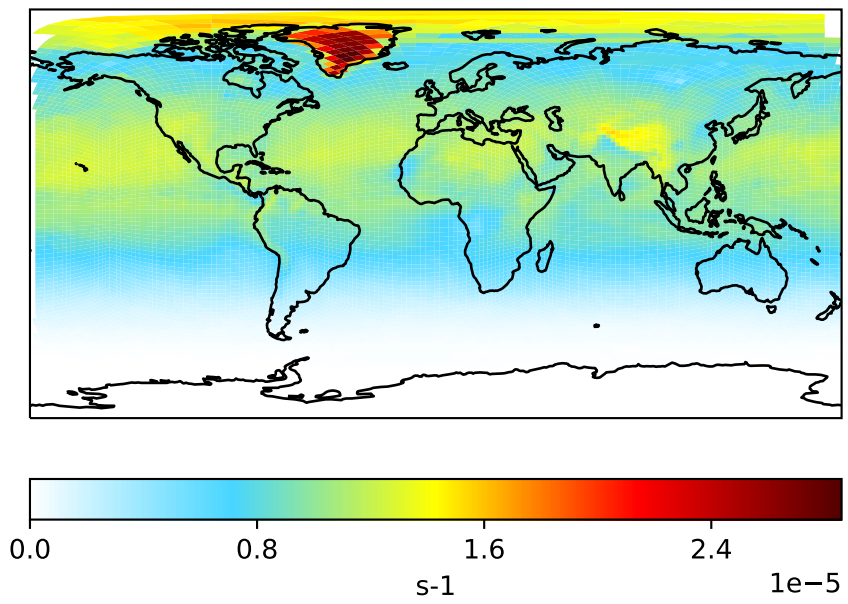


Jval_PROPNN

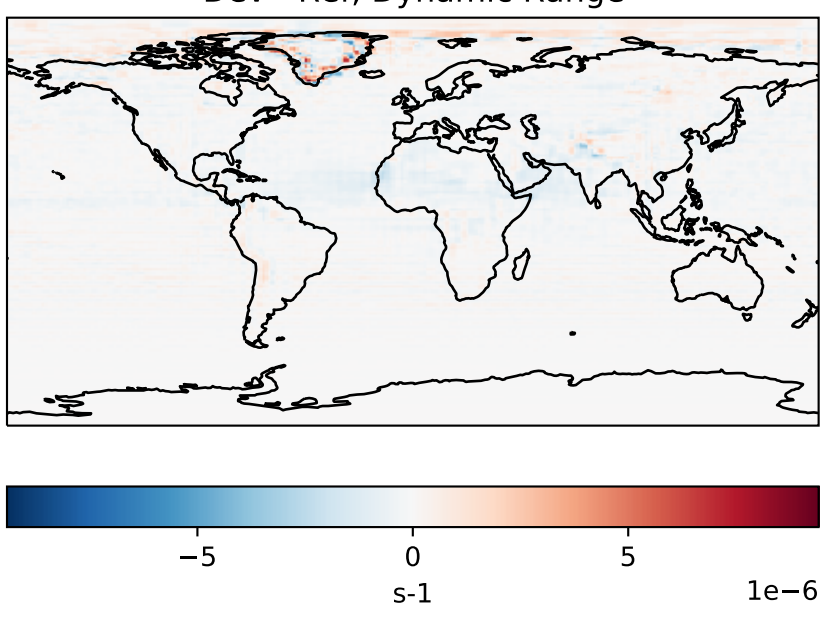
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



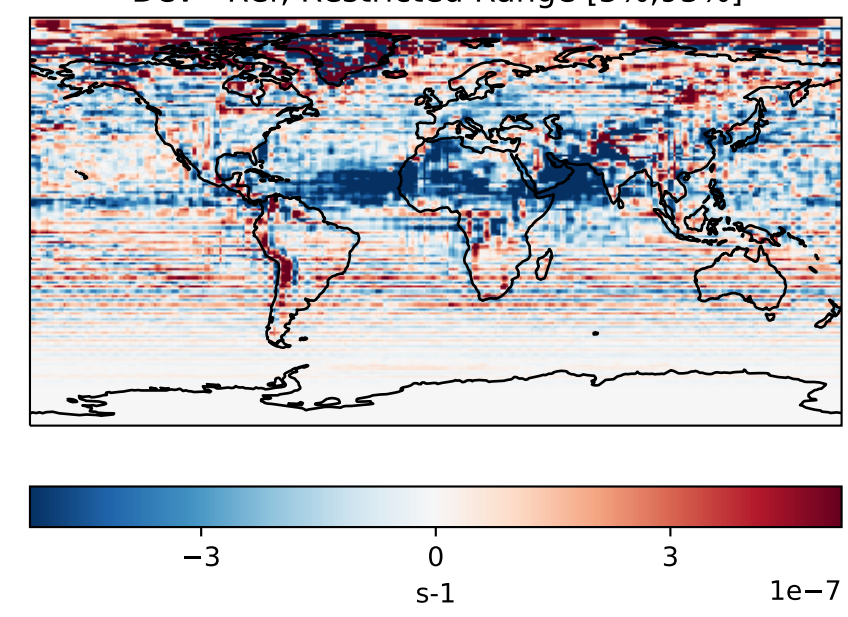
GCHP_13.1.0-beta.1 (Dev)
c48



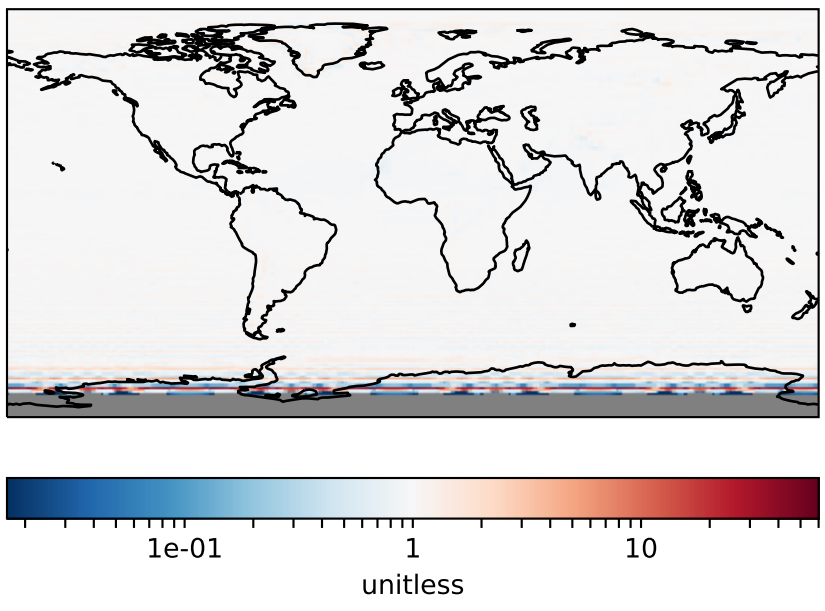
Difference (1x1.25)
Dev - Ref, Dynamic Range



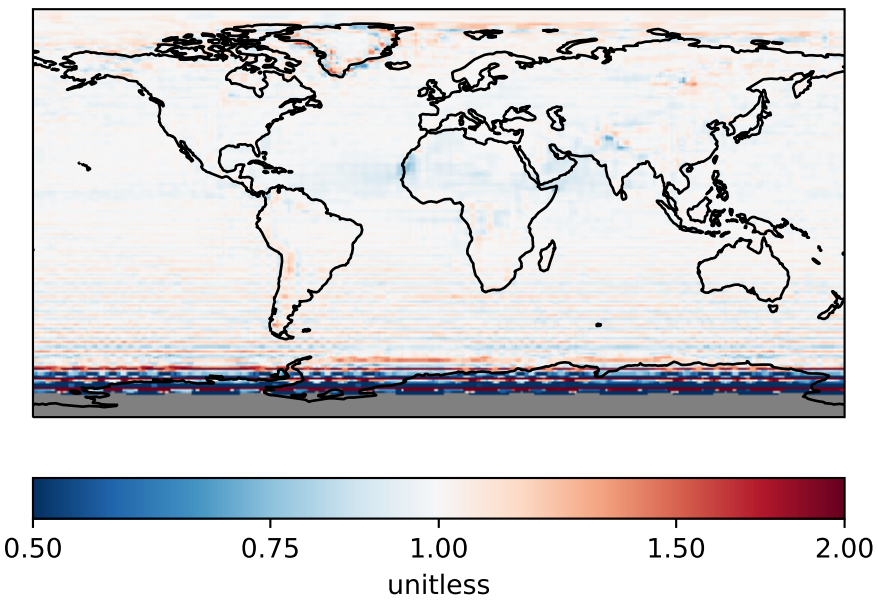
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

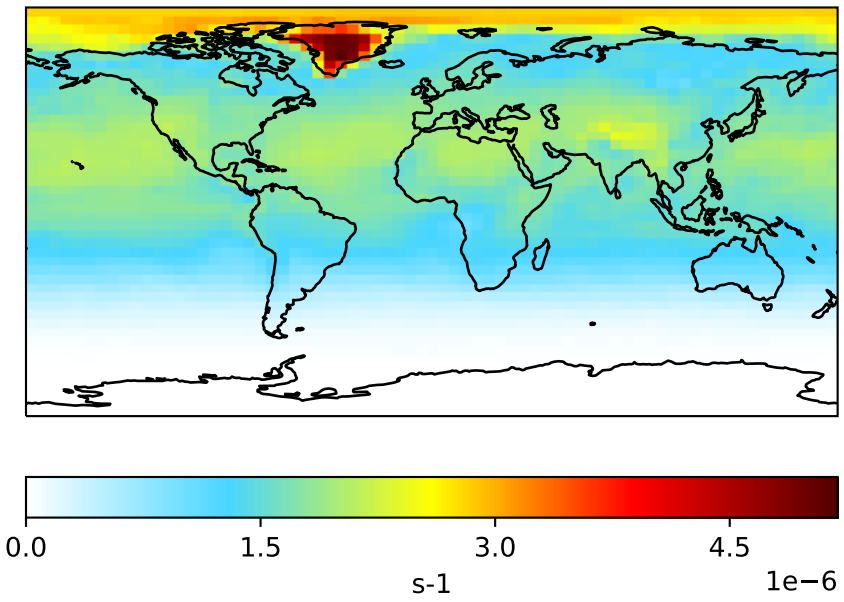


Ratio (1x1.25)
Dev/Ref, Fixed Range

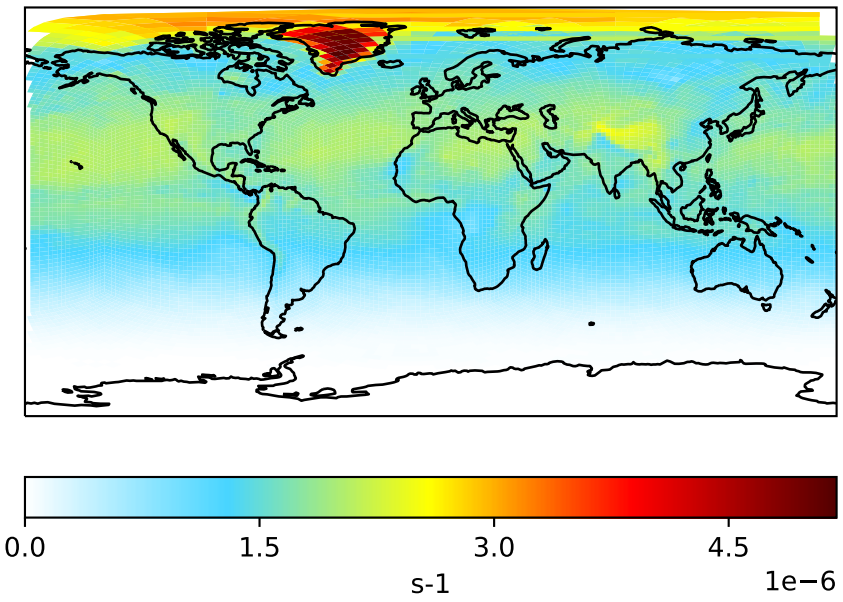


Jval_PRPN

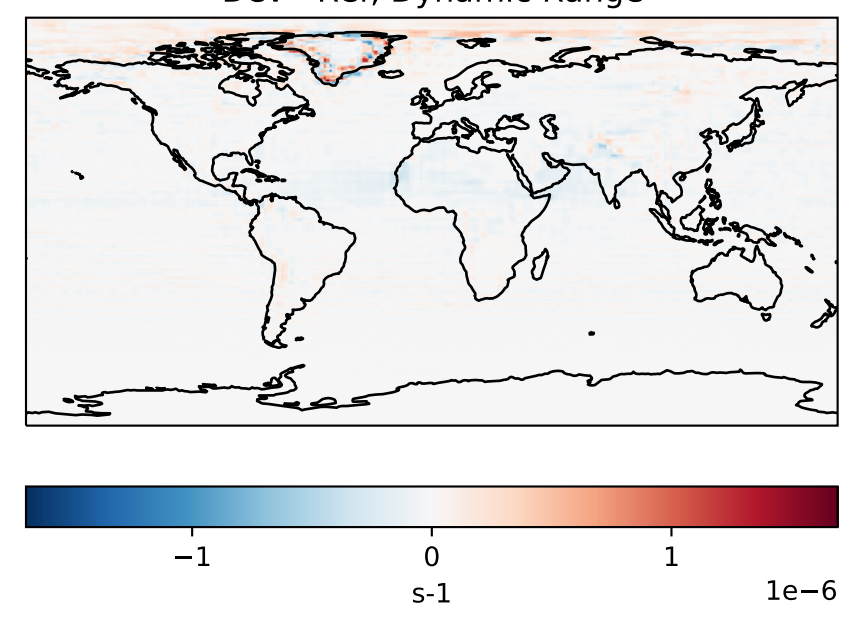
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



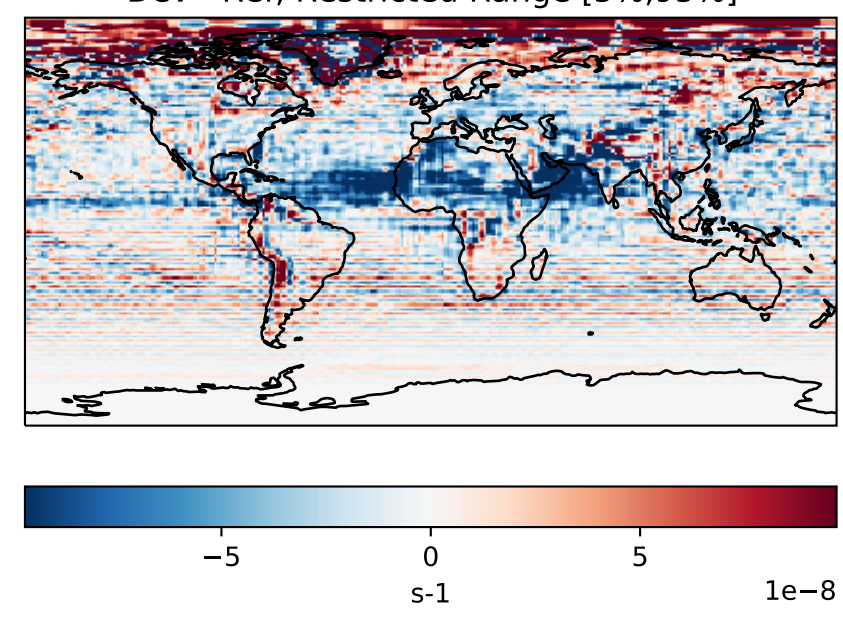
GCHP_13.1.0-beta.1 (Dev)
c48



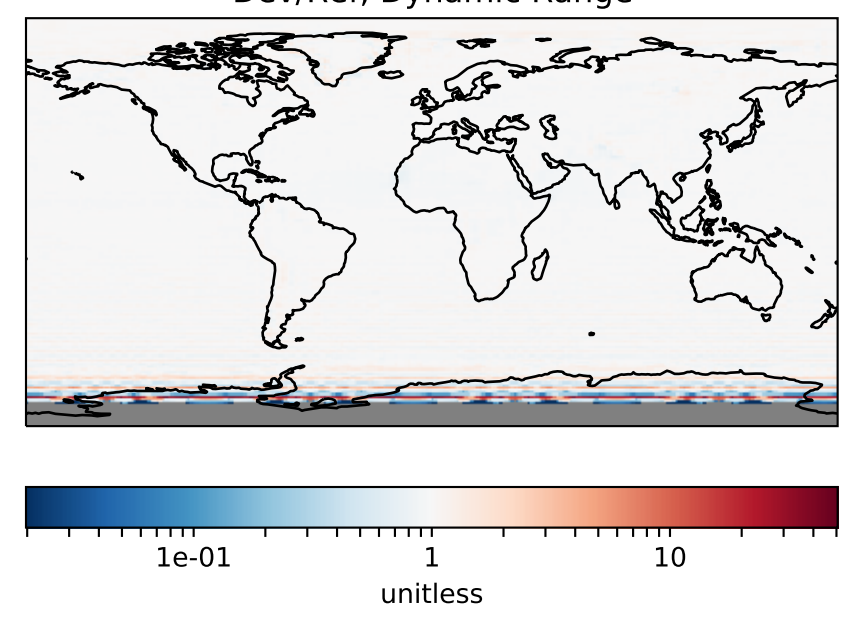
Difference (1x1.25)
Dev - Ref, Dynamic Range



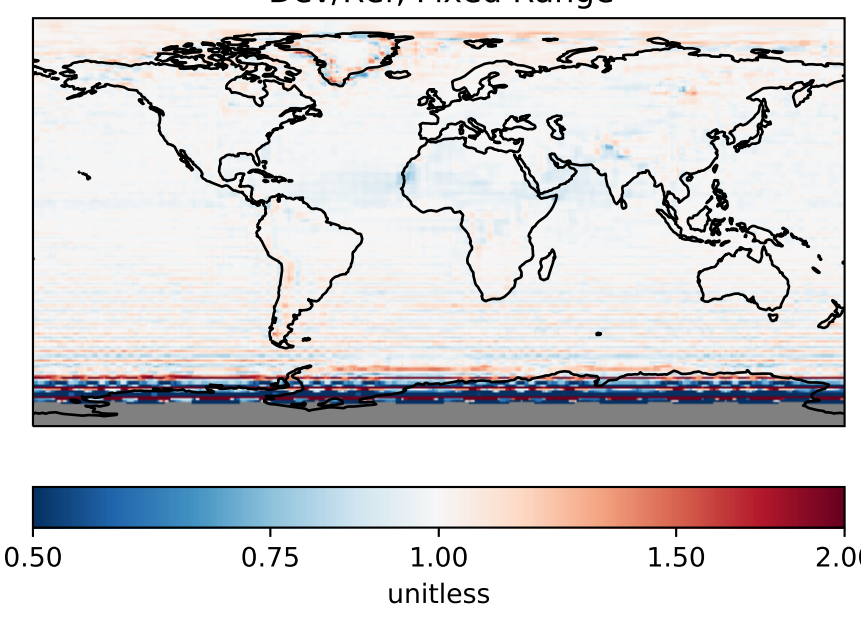
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

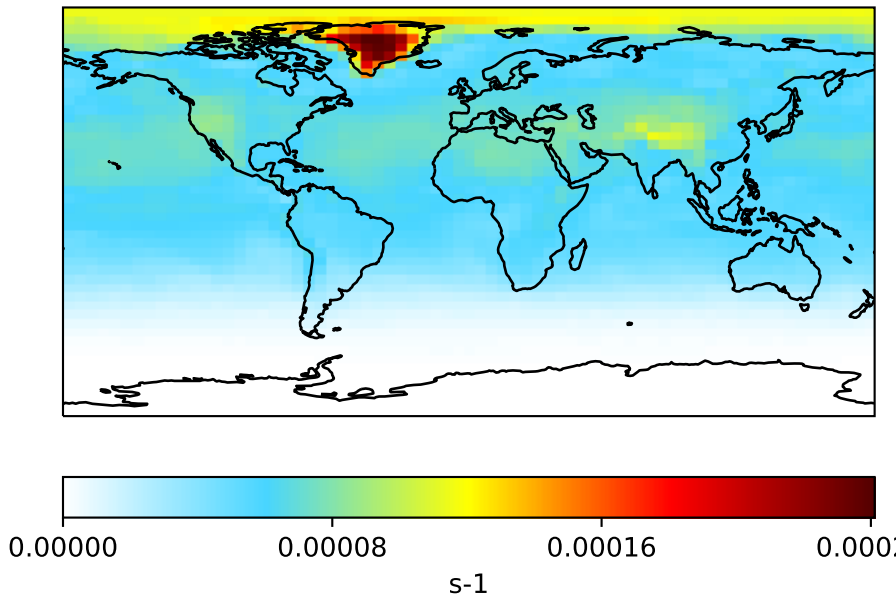


Ratio (1x1.25)
Dev/Ref, Fixed Range

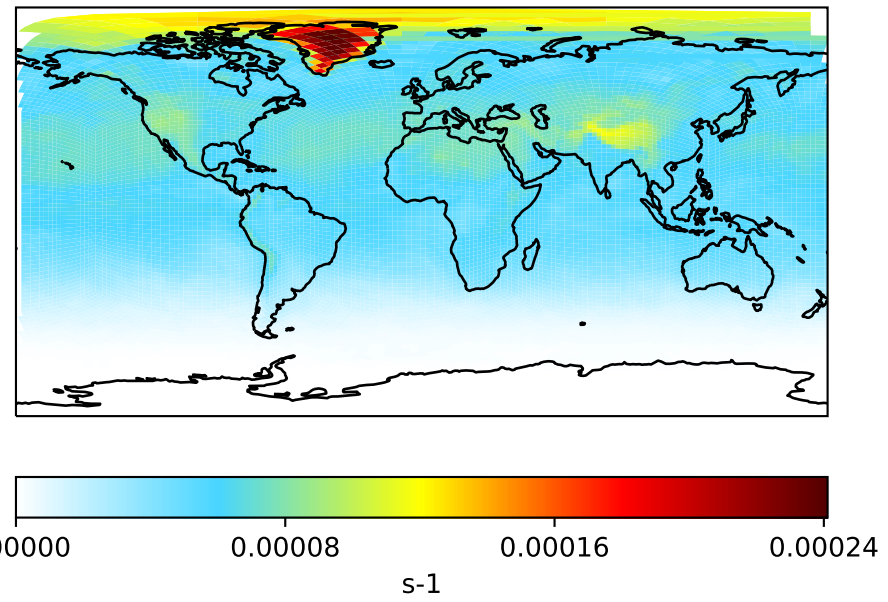


Jval_PYAC

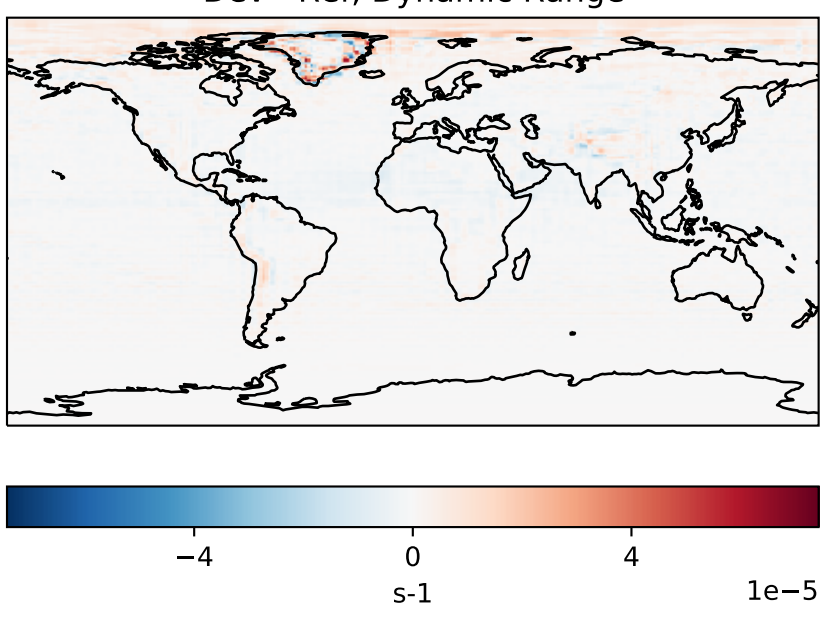
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



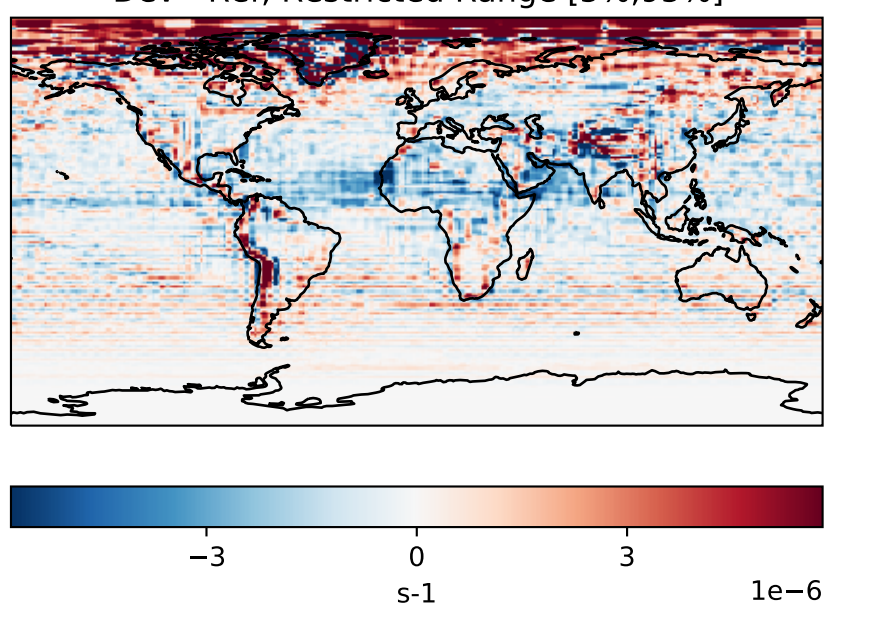
GCHP_13.1.0-beta.1 (Dev)
c48



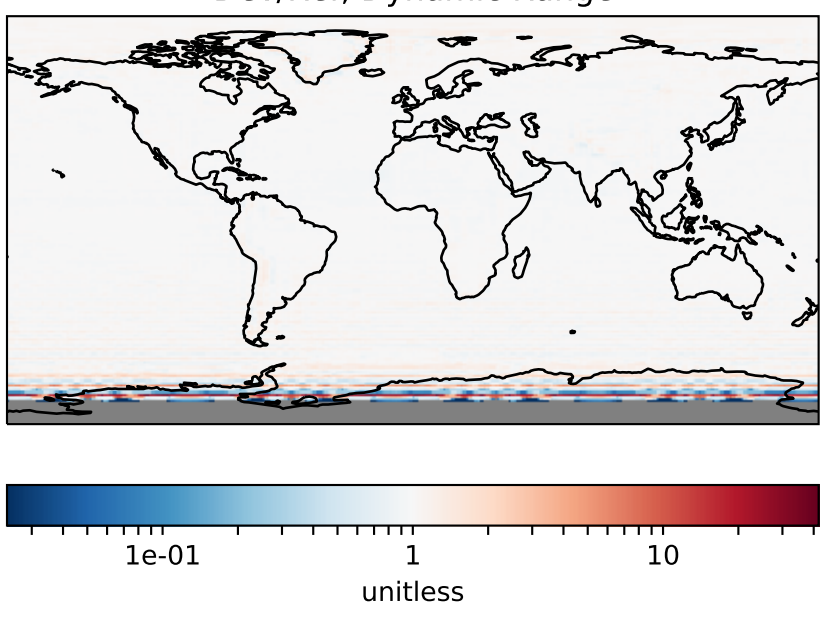
Difference (1x1.25)
Dev - Ref, Dynamic Range



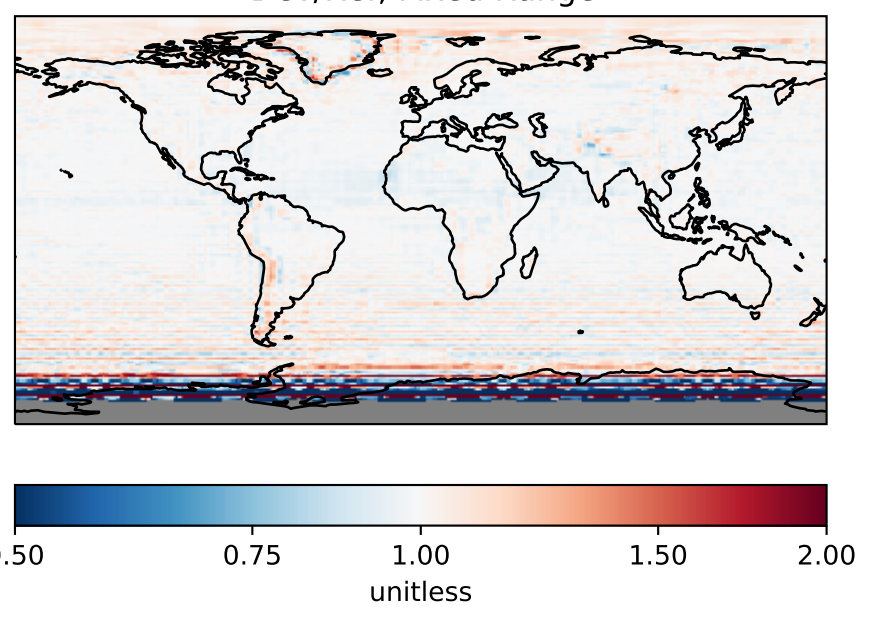
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

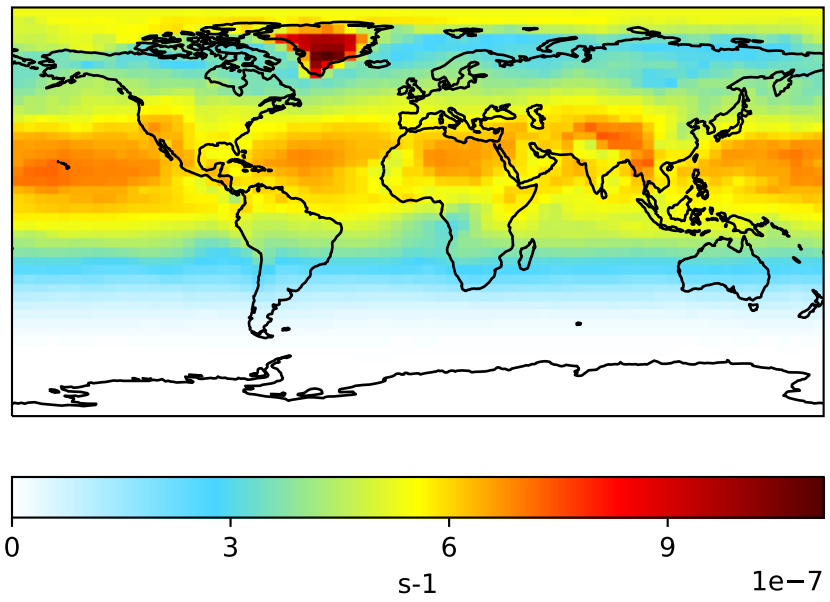


Ratio (1x1.25)
Dev/Ref, Fixed Range

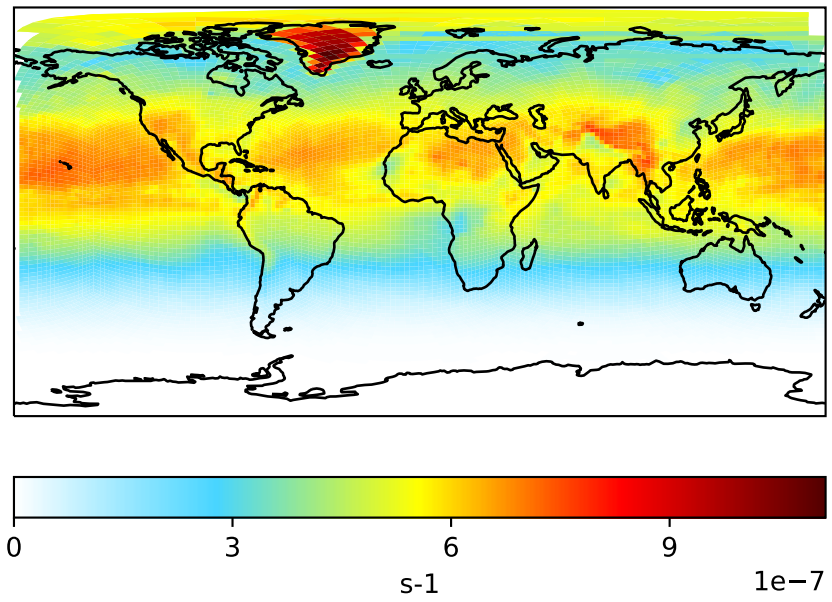


Jval_R4N2

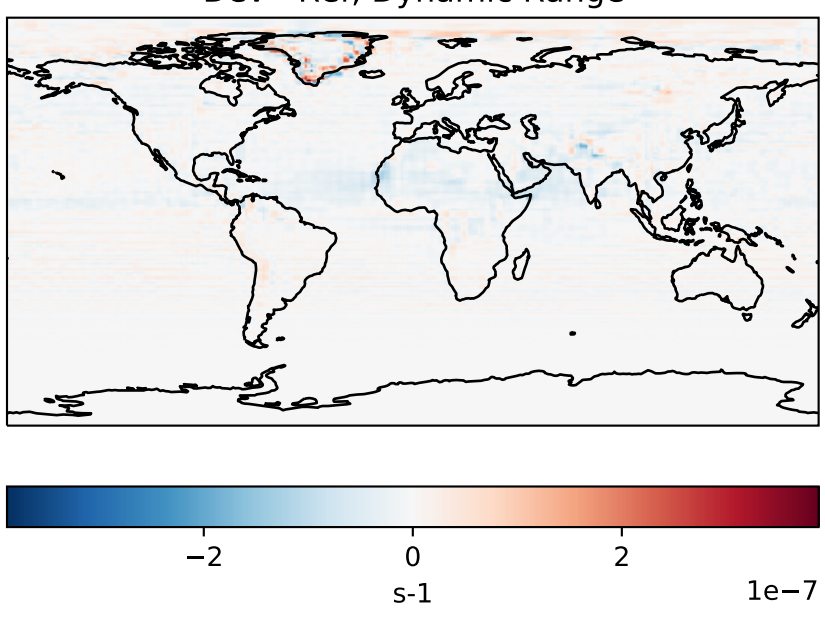
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



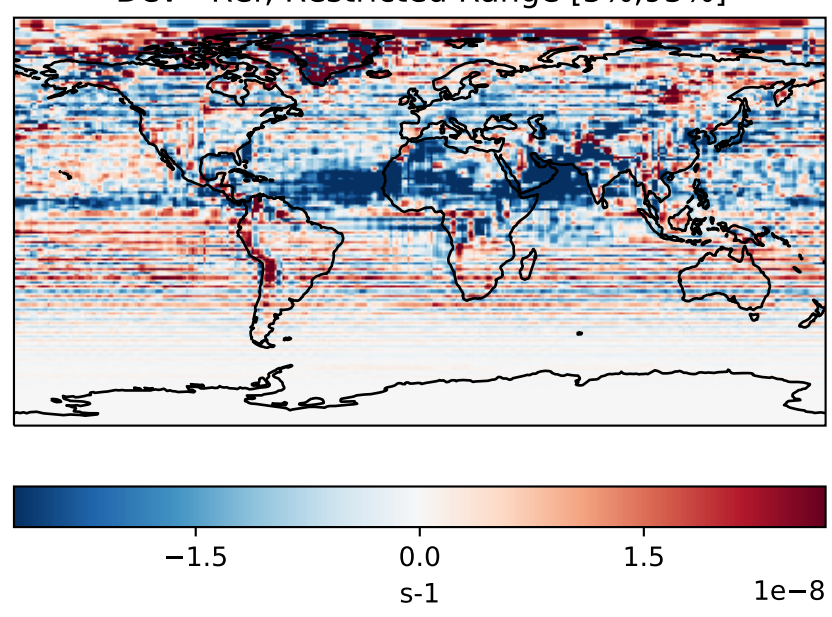
GCHP_13.1.0-beta.1 (Dev)
c48



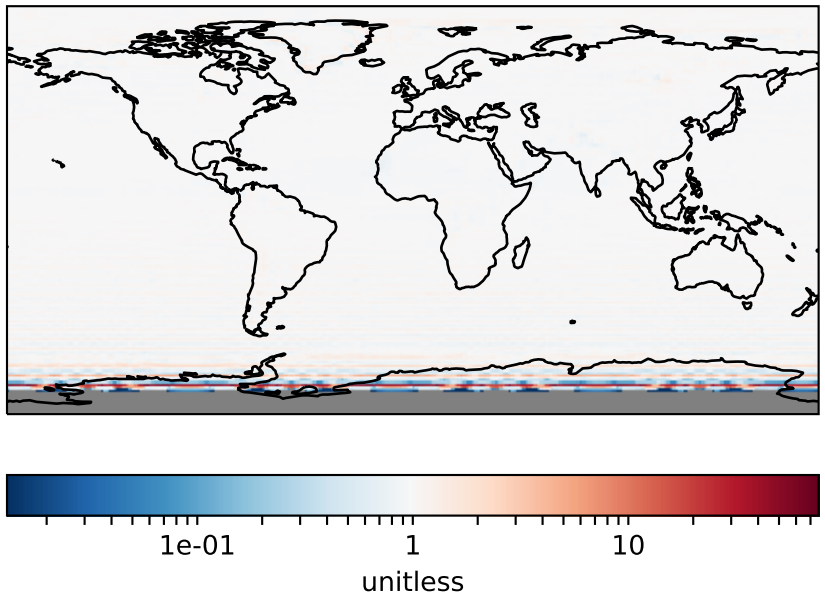
Difference (1x1.25)
Dev - Ref, Dynamic Range



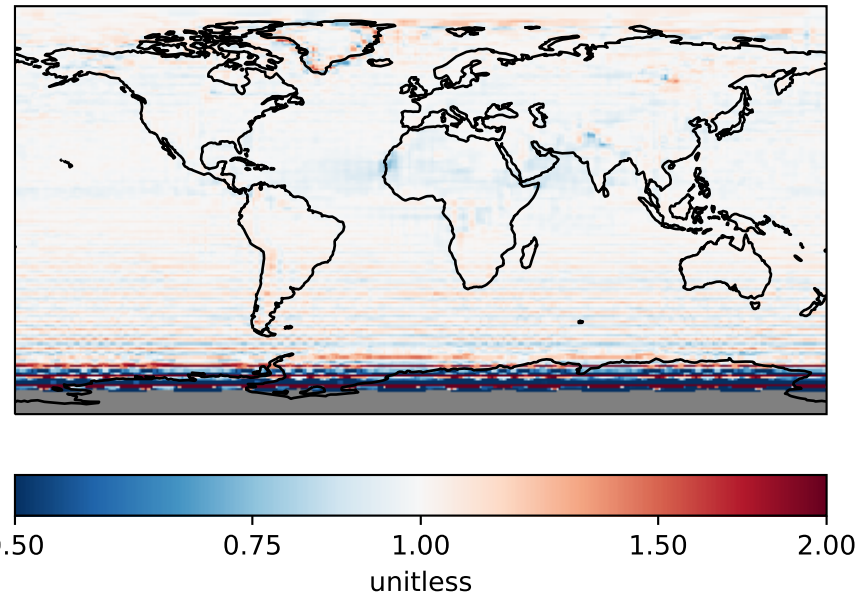
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

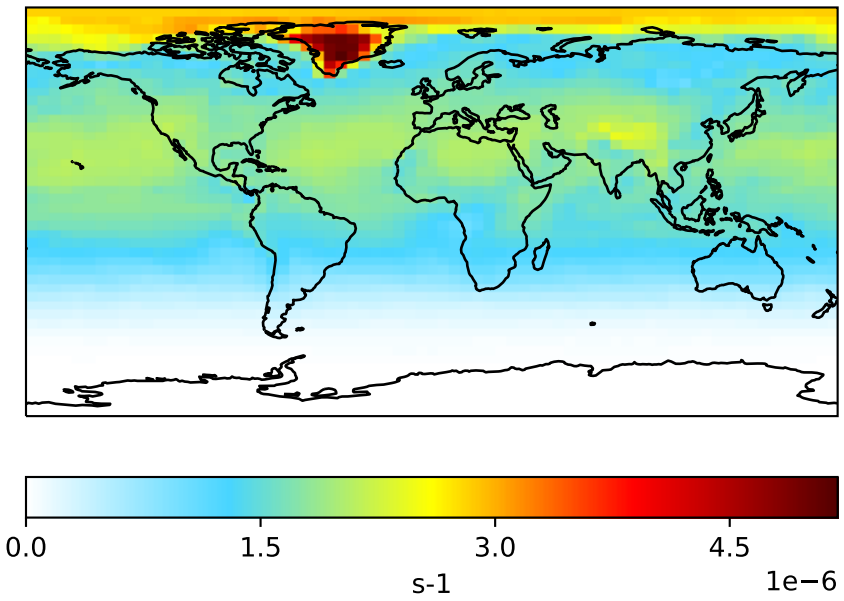


Ratio (1x1.25)
Dev/Ref, Fixed Range

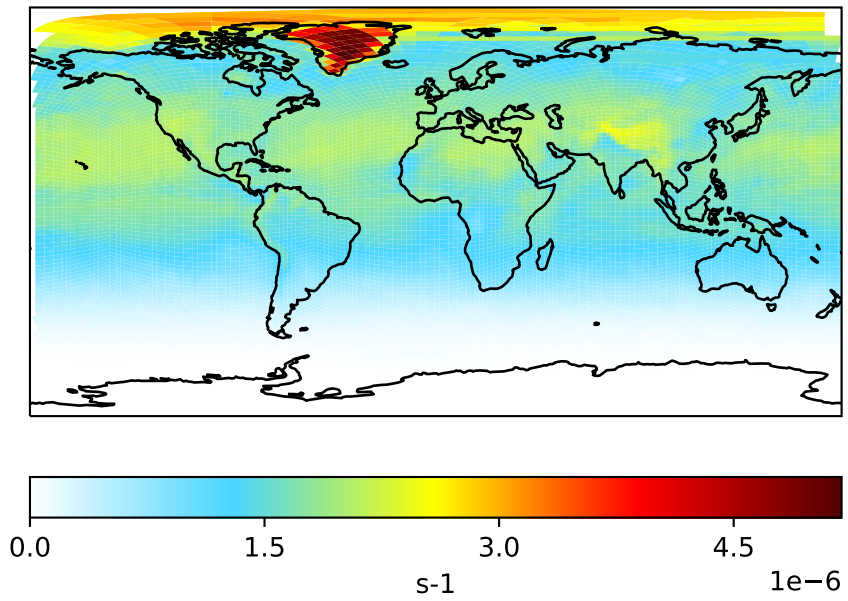


Jval_R4P

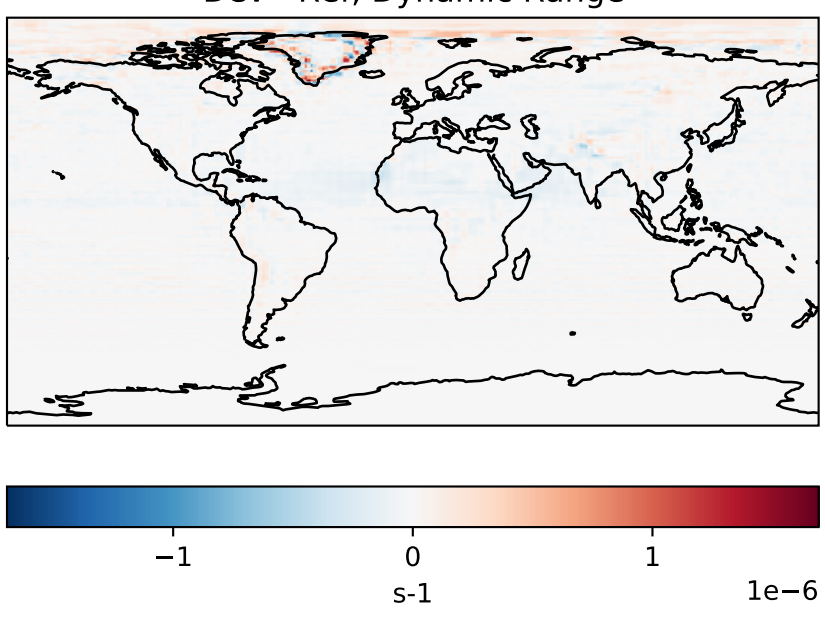
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



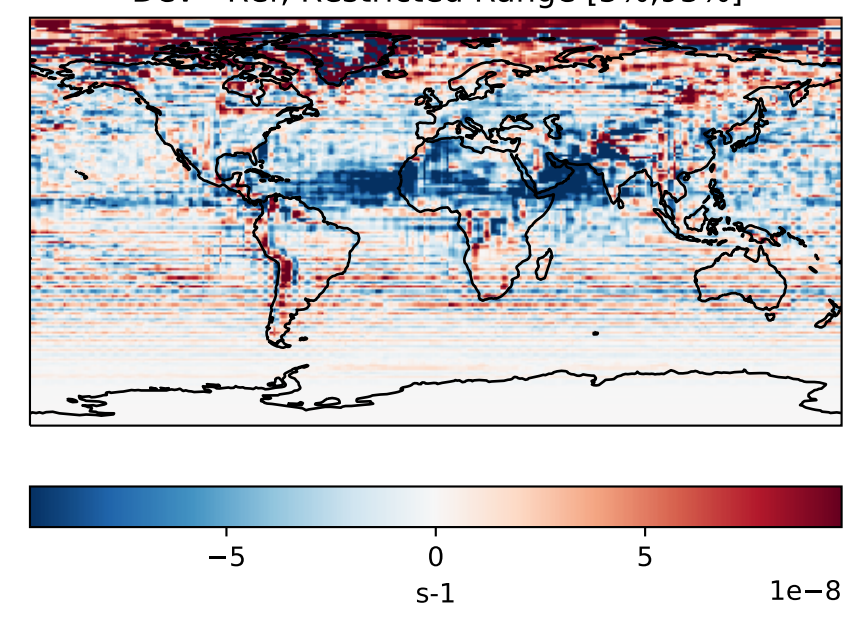
GCHP_13.1.0-beta.1 (Dev)
c48



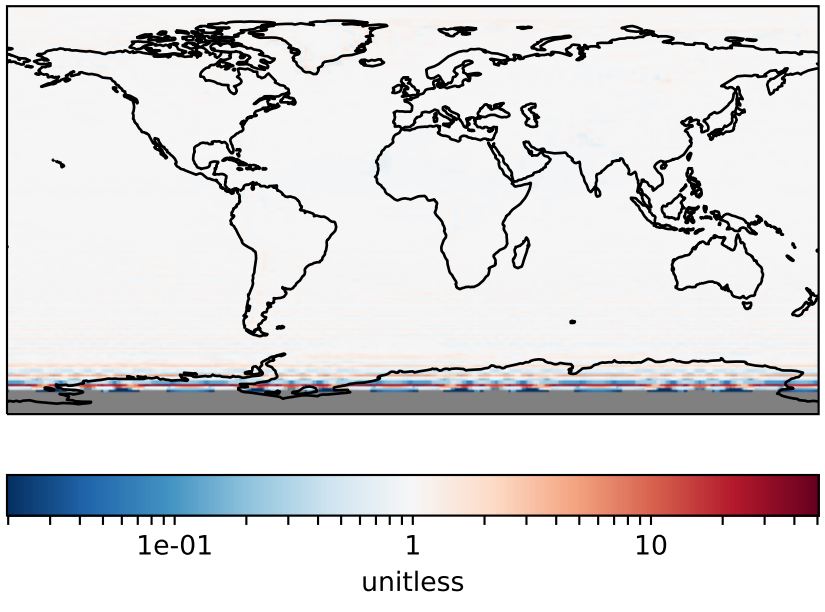
Difference (1x1.25)
Dev - Ref, Dynamic Range



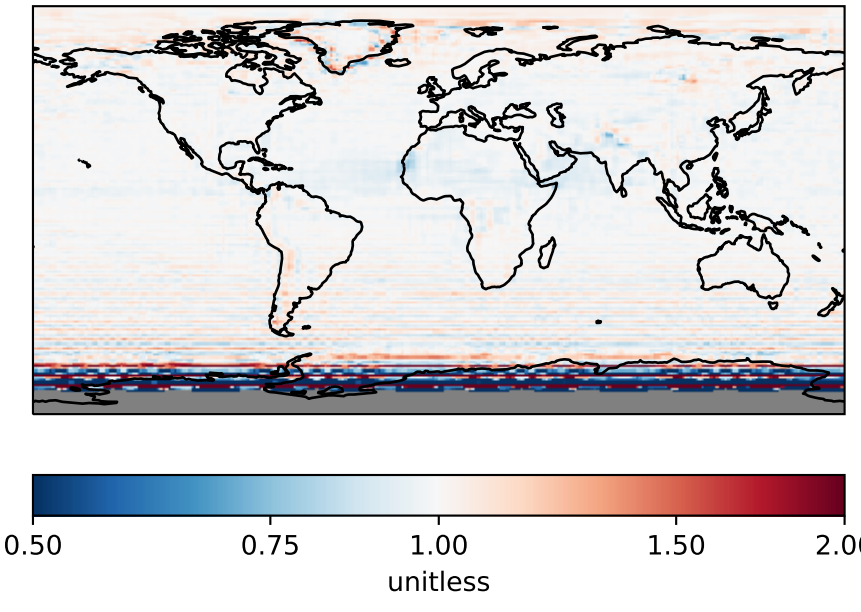
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

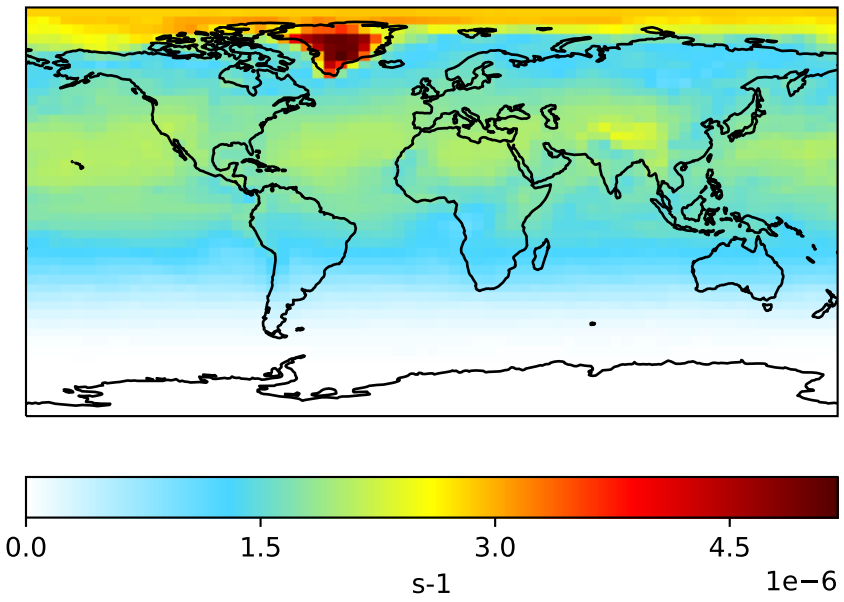


Ratio (1x1.25)
Dev/Ref, Fixed Range

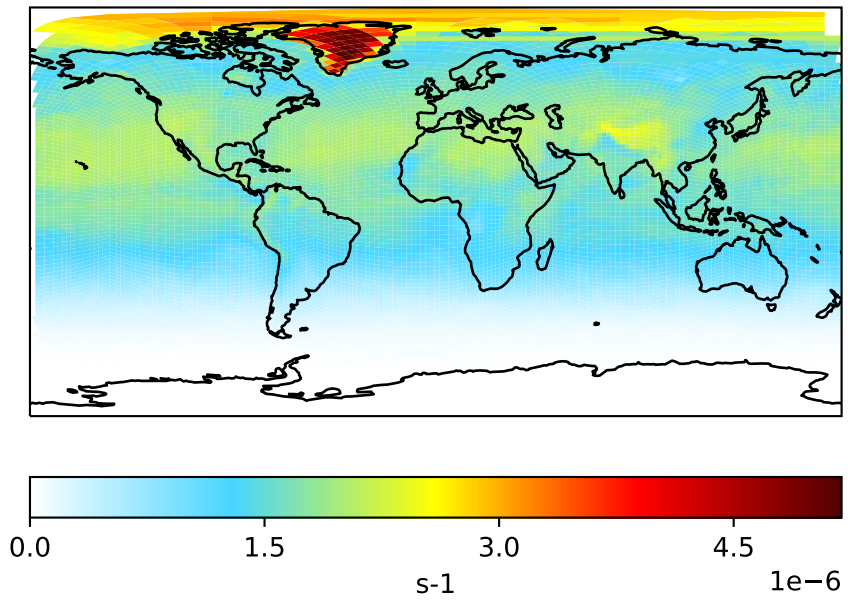


Jval_RA3P

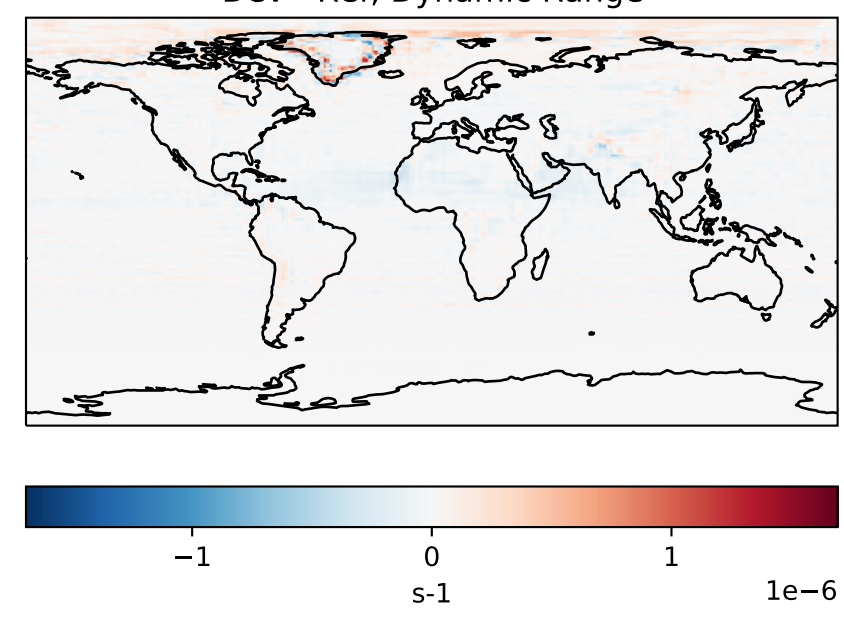
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



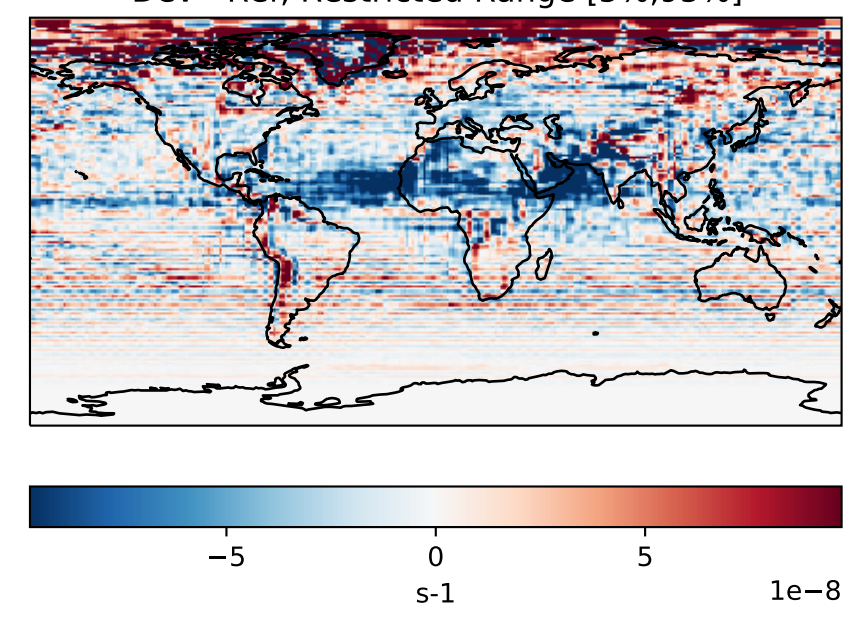
GCHP_13.1.0-beta.1 (Dev)
c48



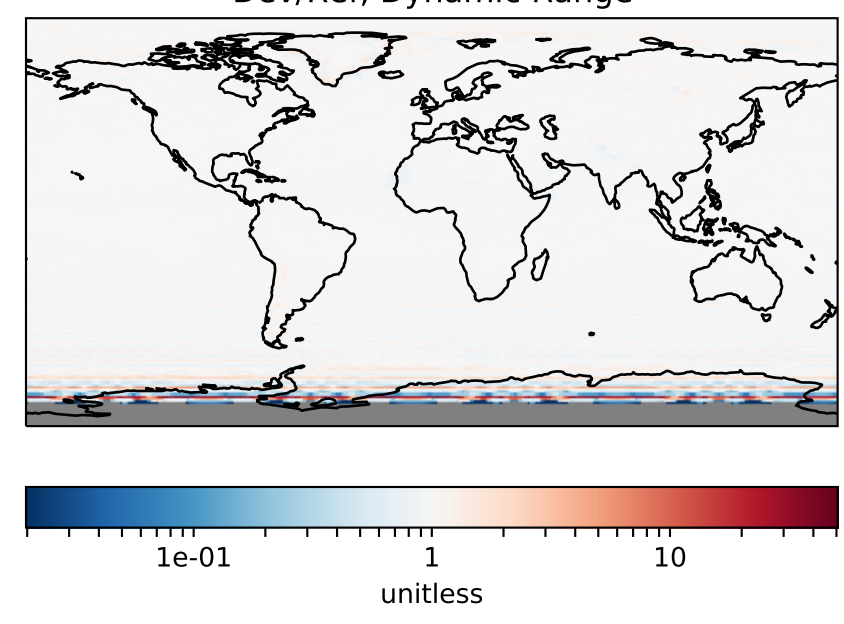
Difference (1x1.25)
Dev - Ref, Dynamic Range



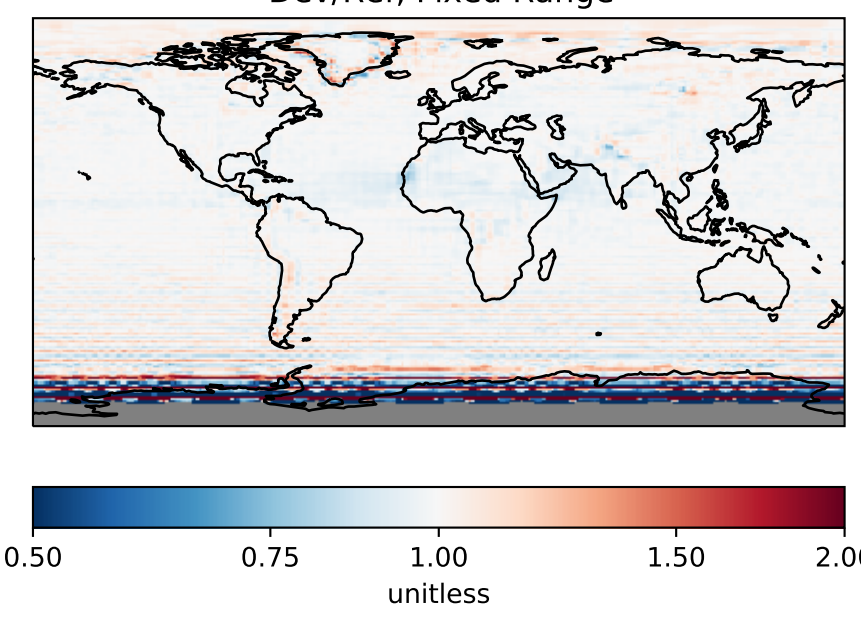
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

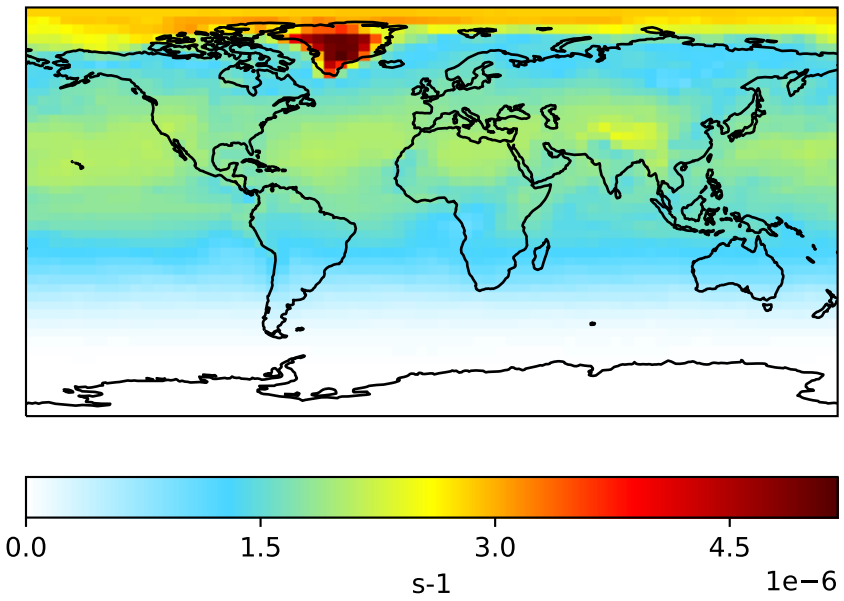


Ratio (1x1.25)
Dev/Ref, Fixed Range

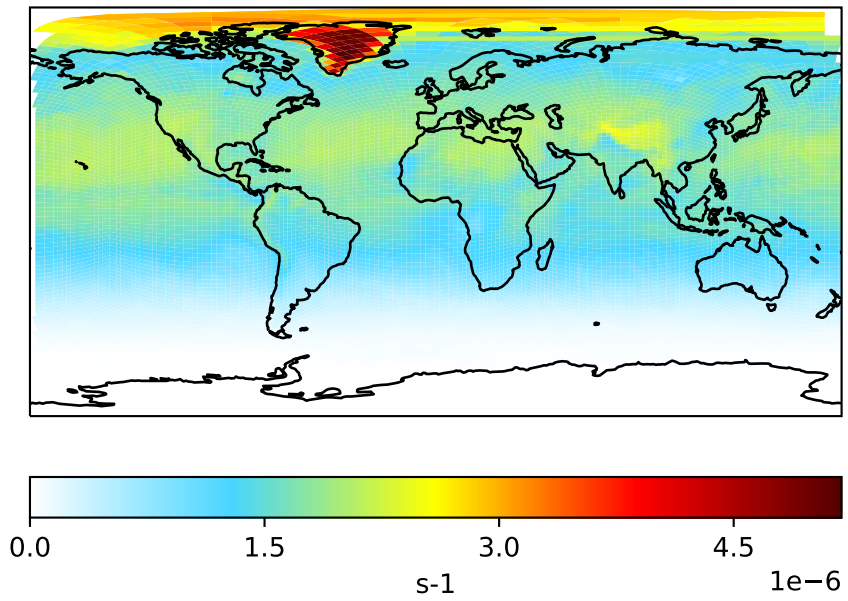


Jval_RB3P

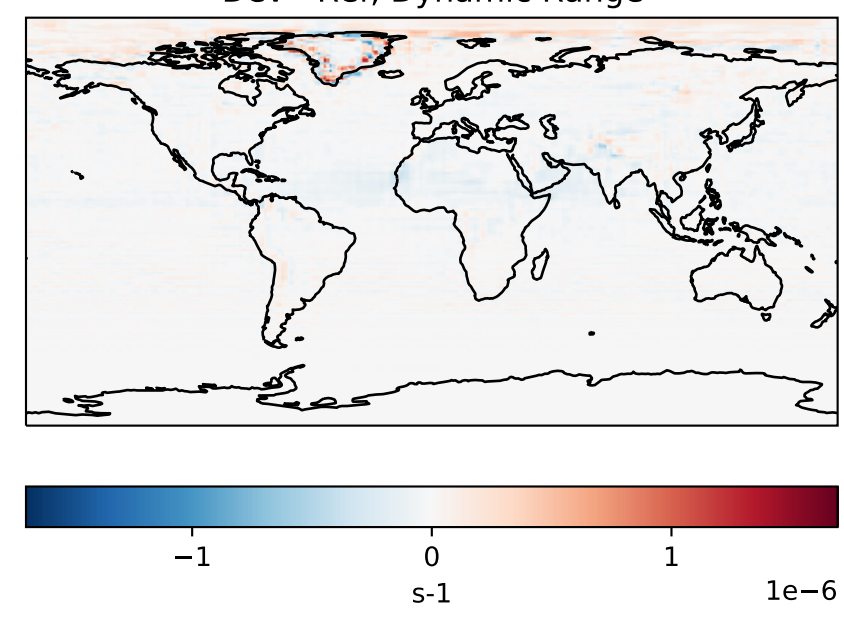
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



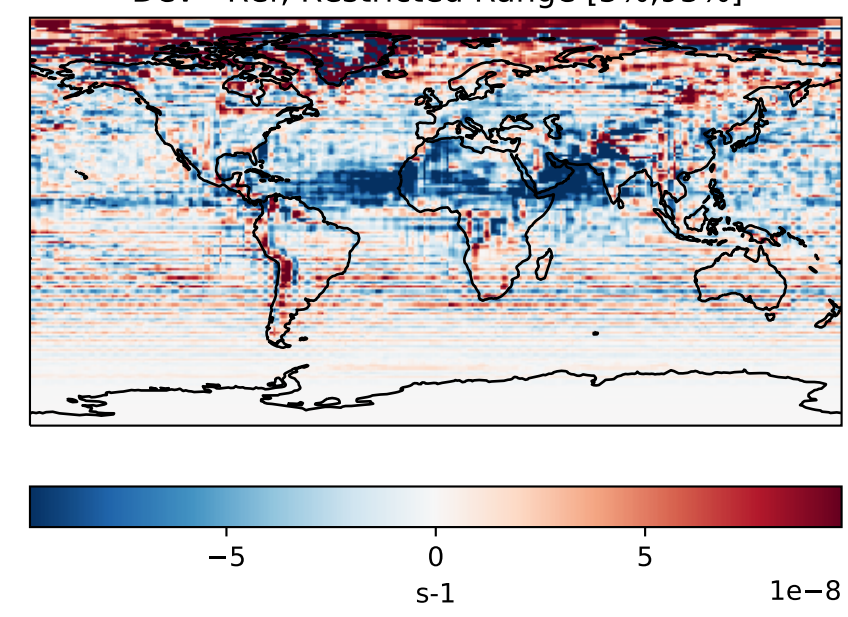
GCHP_13.1.0-beta.1 (Dev)
c48



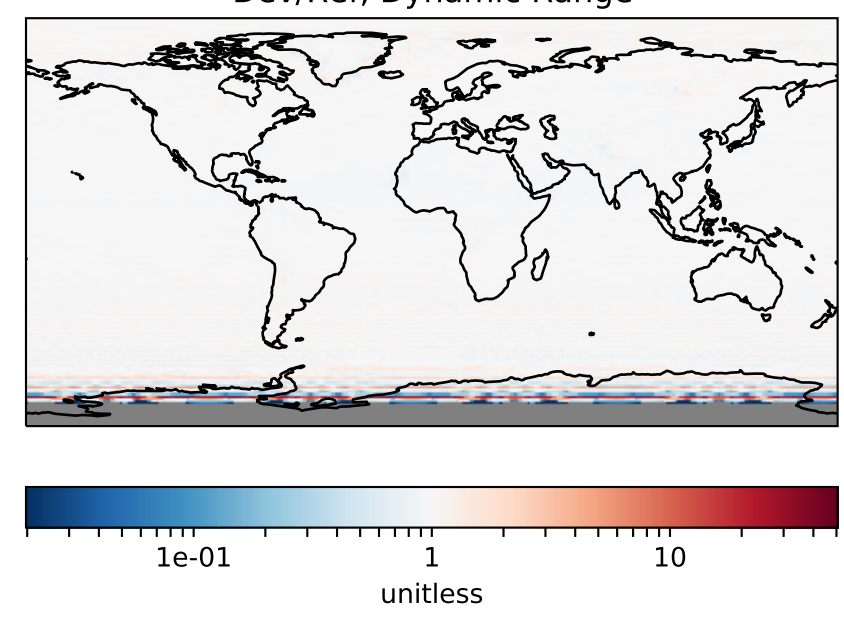
Difference (1x1.25)
Dev - Ref, Dynamic Range



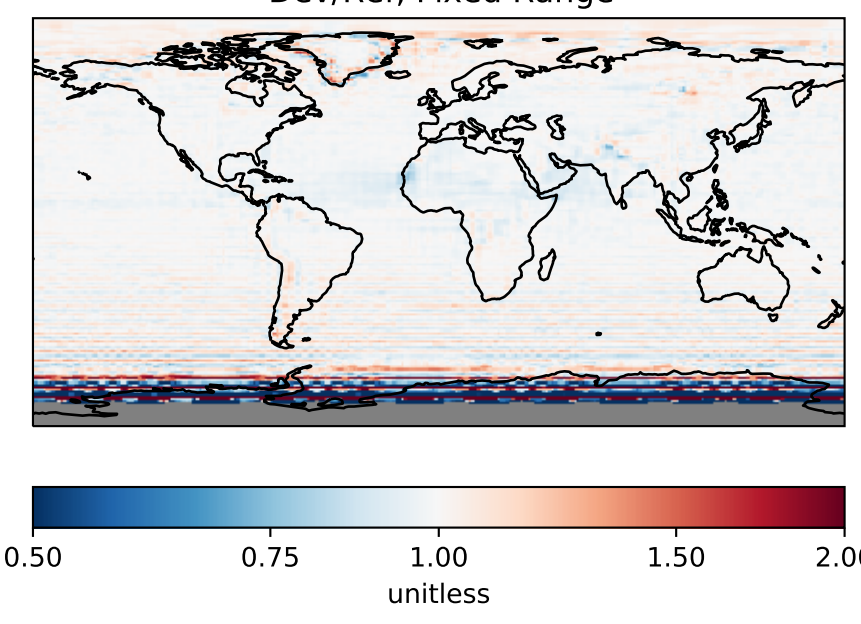
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

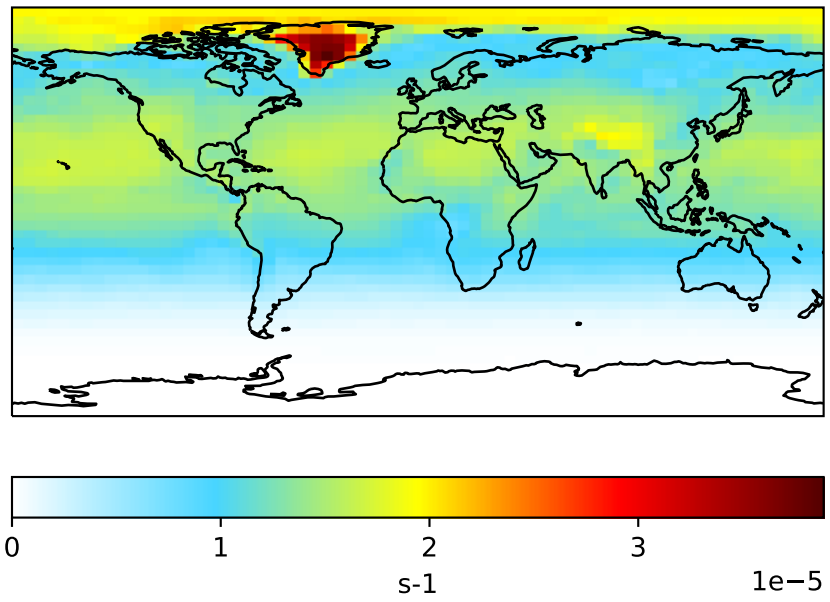


Ratio (1x1.25)
Dev/Ref, Fixed Range

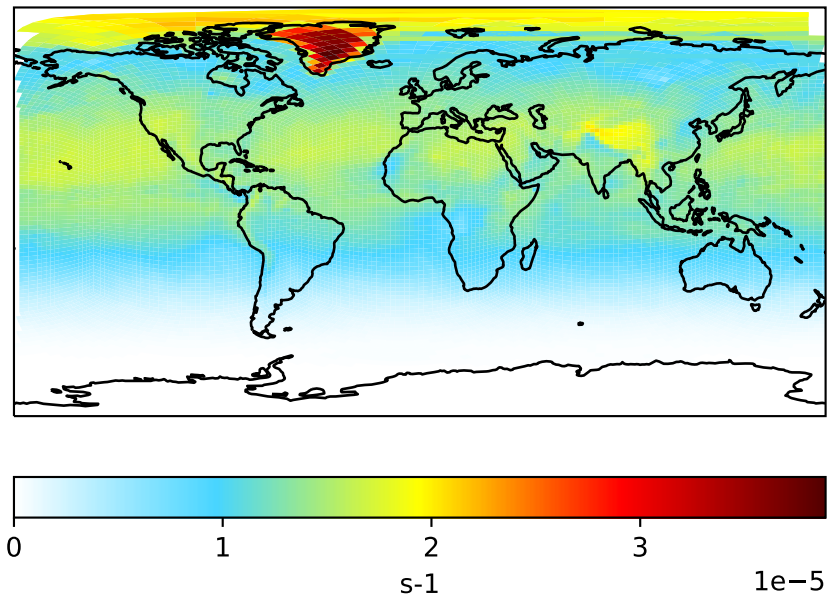


Jval_RCHO

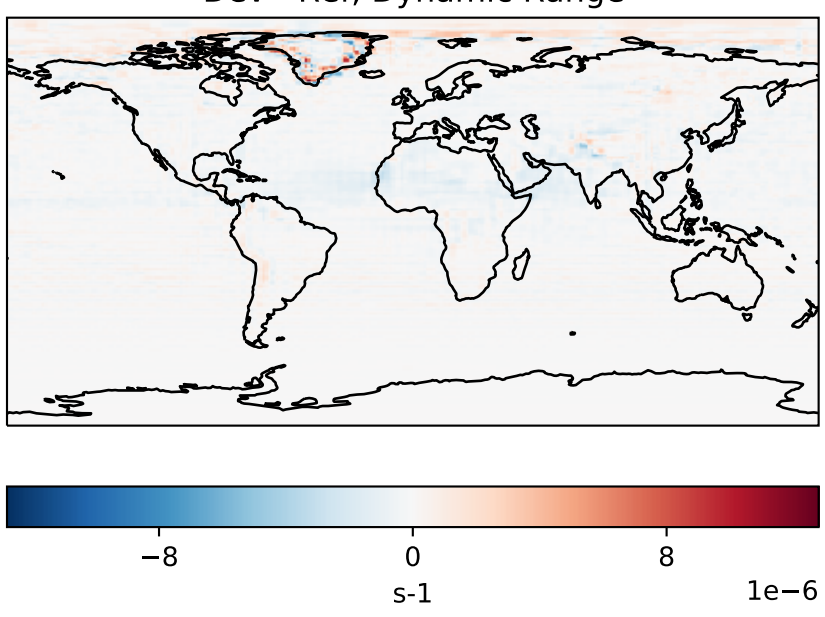
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



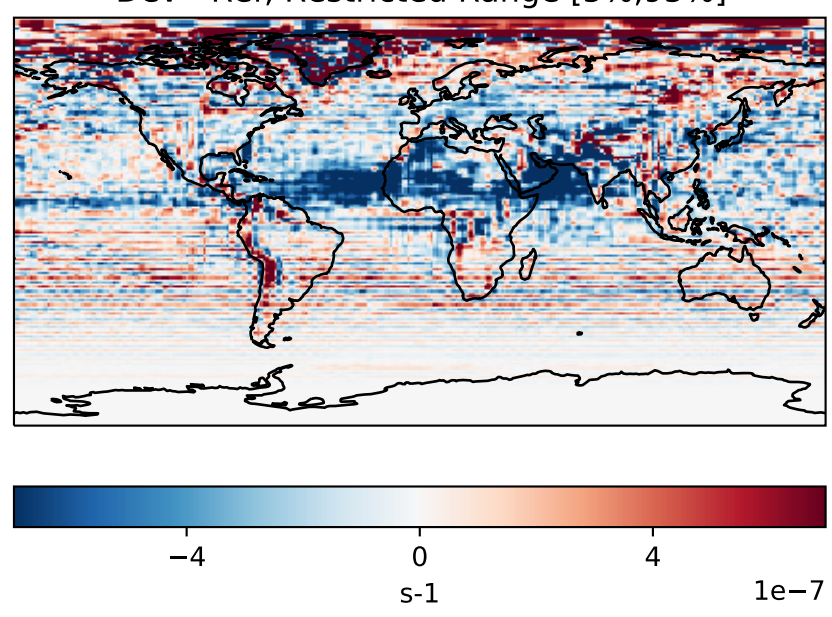
GCHP_13.1.0-beta.1 (Dev)
c48



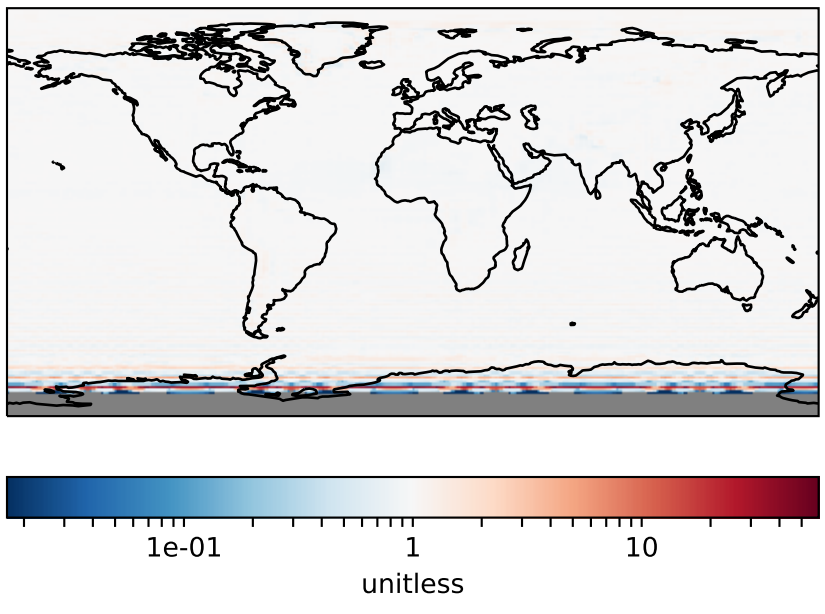
Difference (1x1.25)
Dev - Ref, Dynamic Range



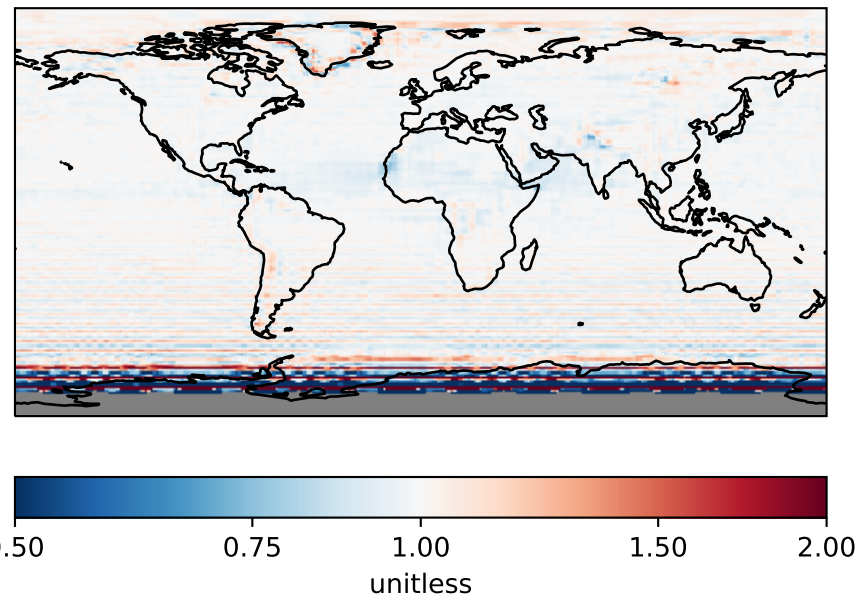
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

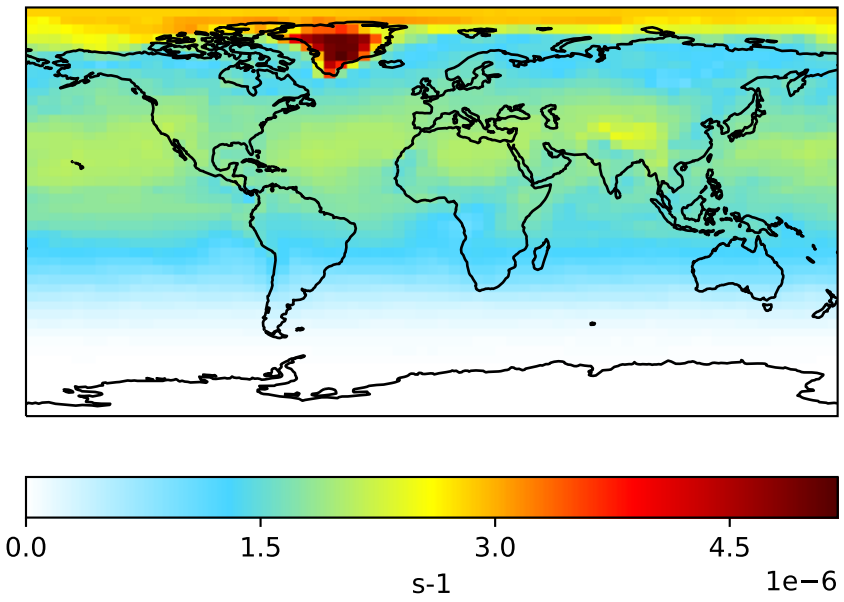


Ratio (1x1.25)
Dev/Ref, Fixed Range

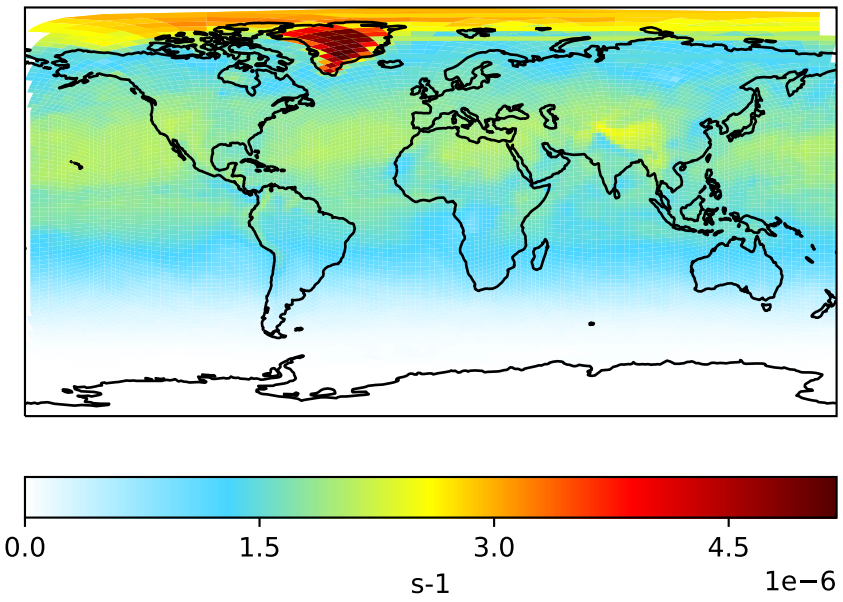


Jval_RIPA

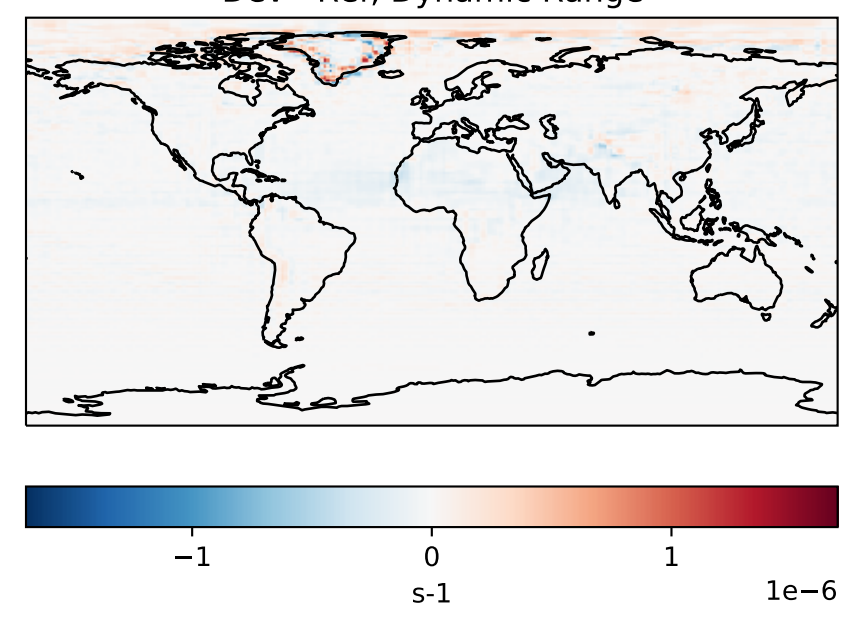
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



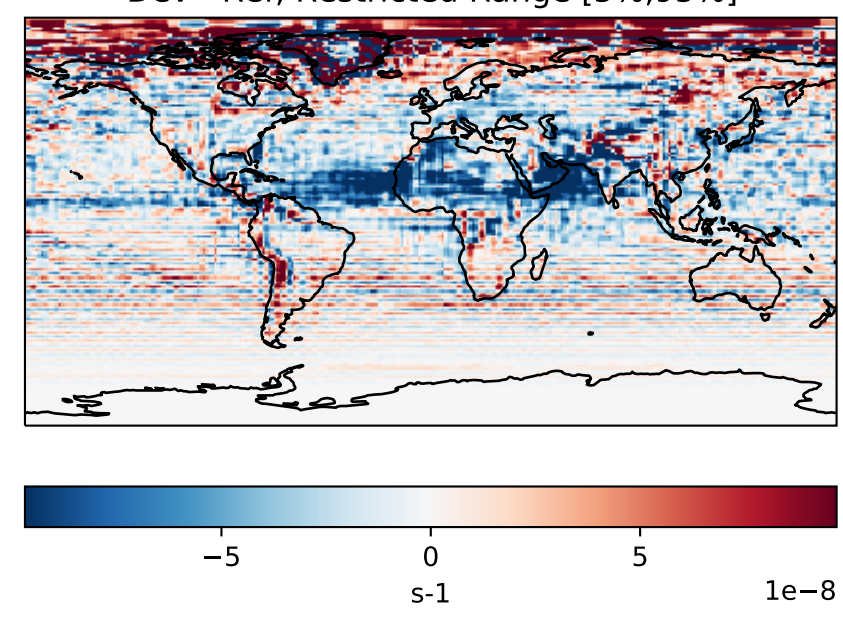
GCHP_13.1.0-beta.1 (Dev)
c48



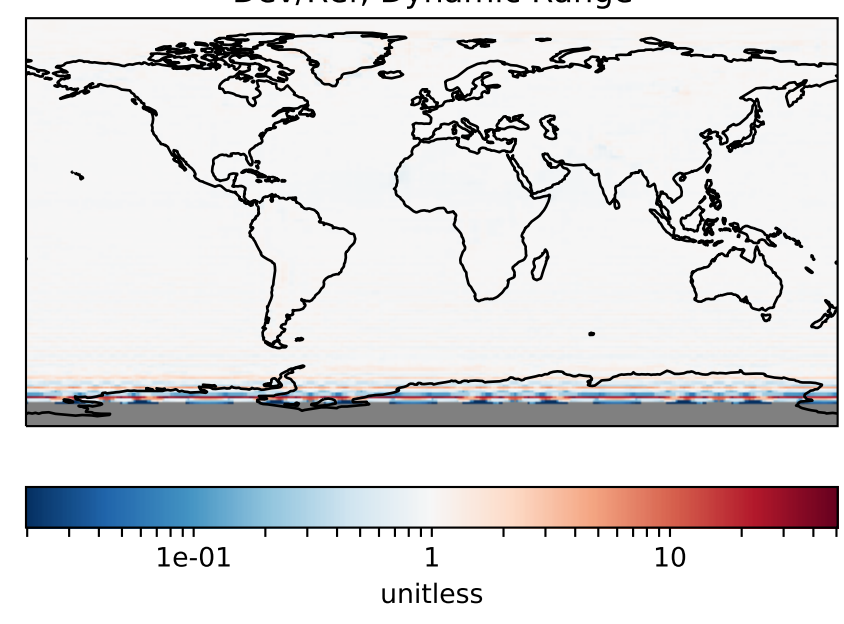
Difference (1x1.25)
Dev - Ref, Dynamic Range



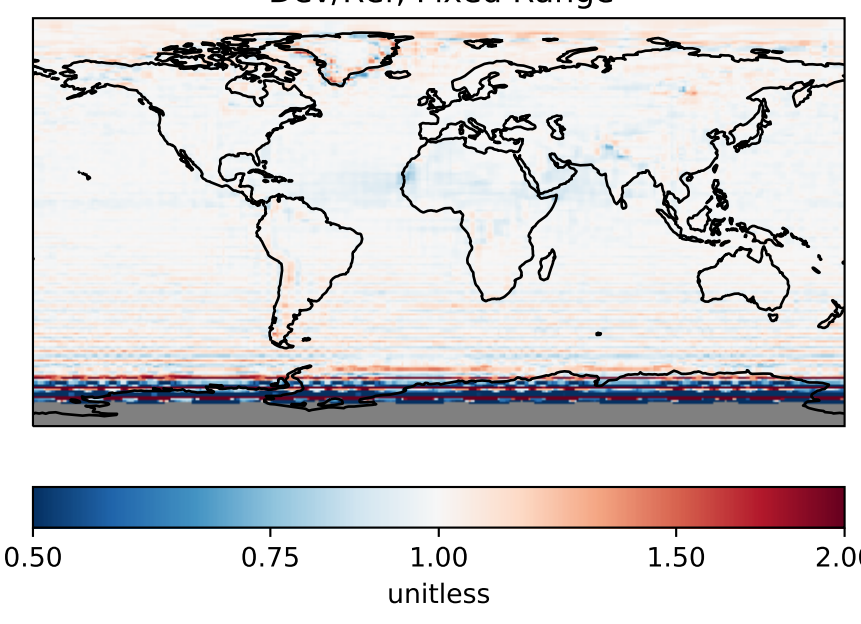
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

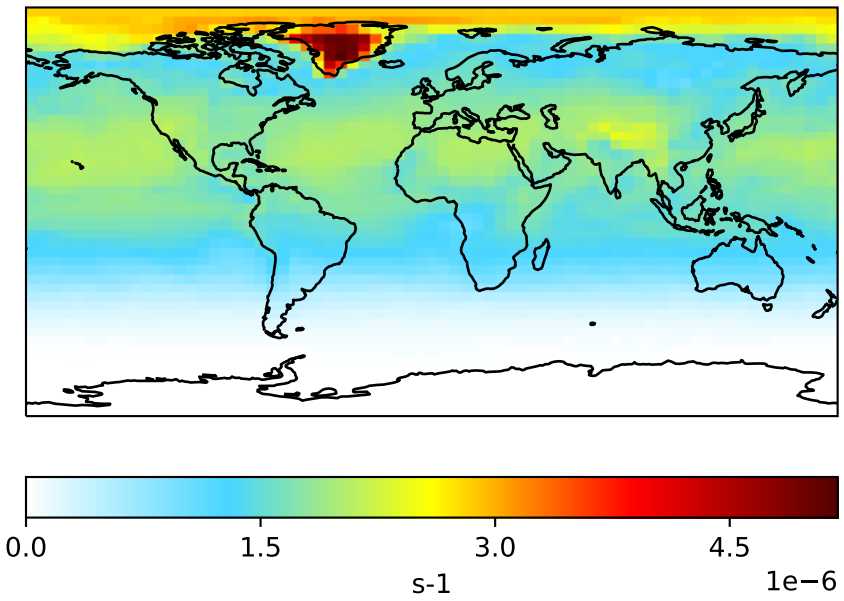


Ratio (1x1.25)
Dev/Ref, Fixed Range

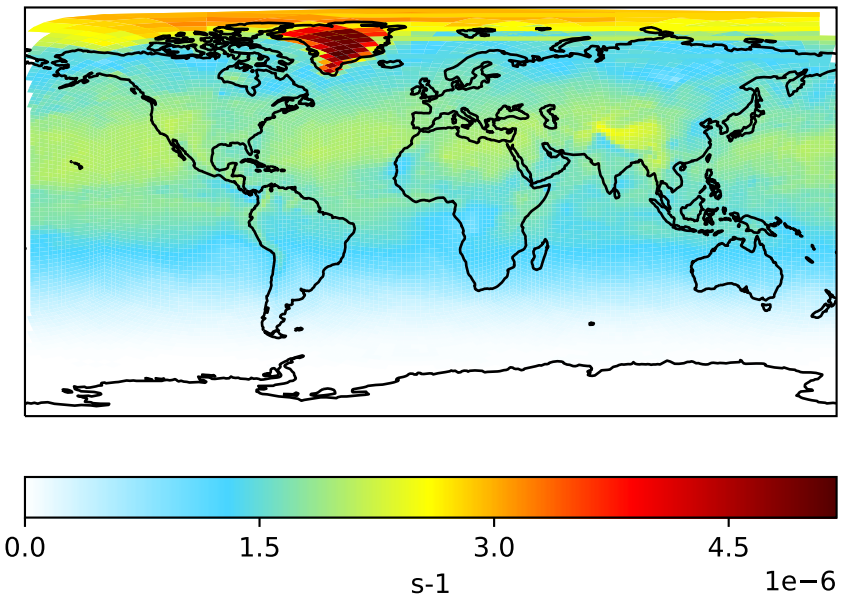


Jval_RIPB

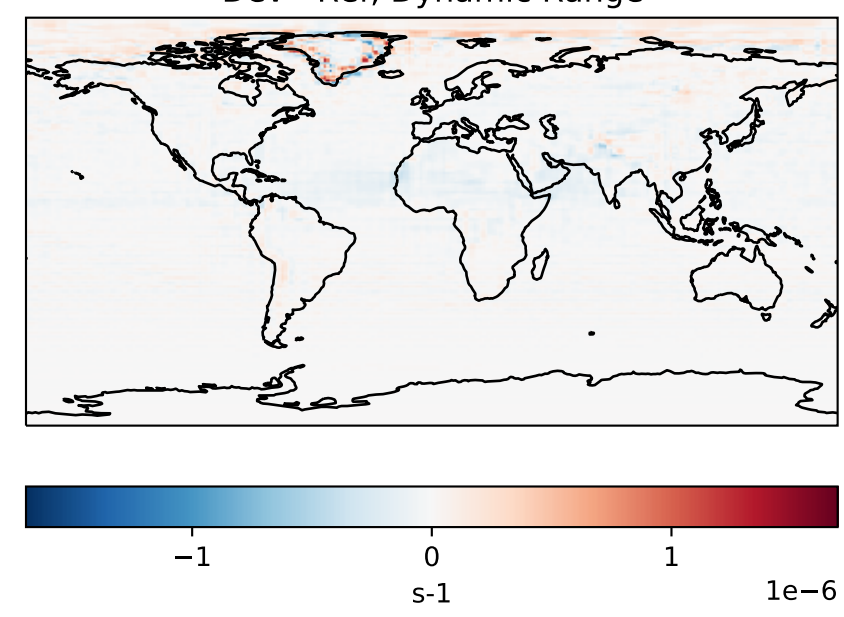
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



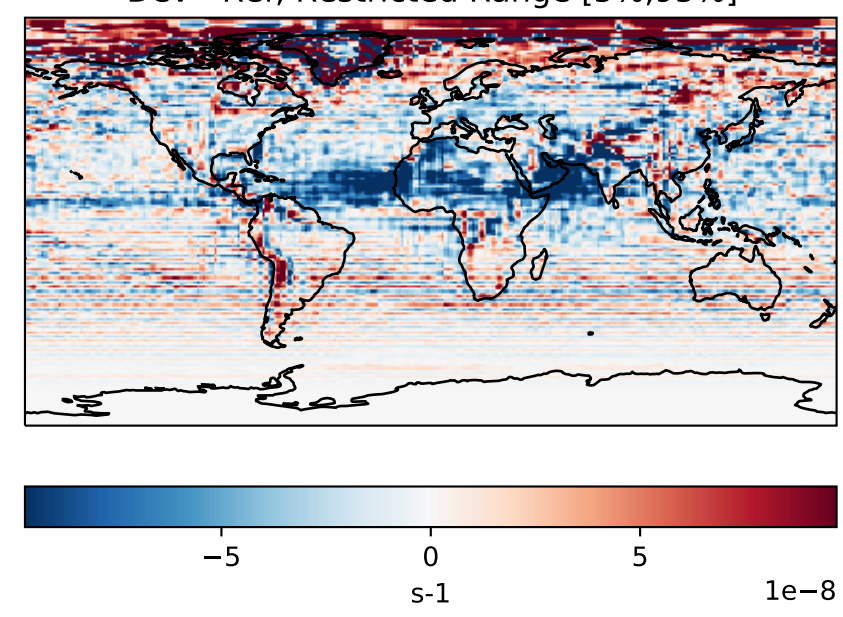
GCHP_13.1.0-beta.1 (Dev)
c48



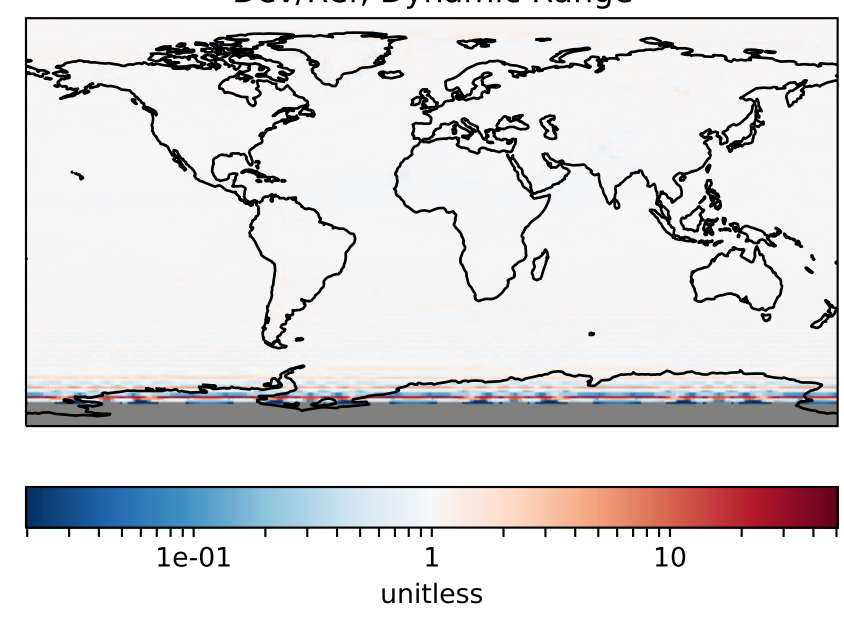
Difference (1x1.25)
Dev - Ref, Dynamic Range



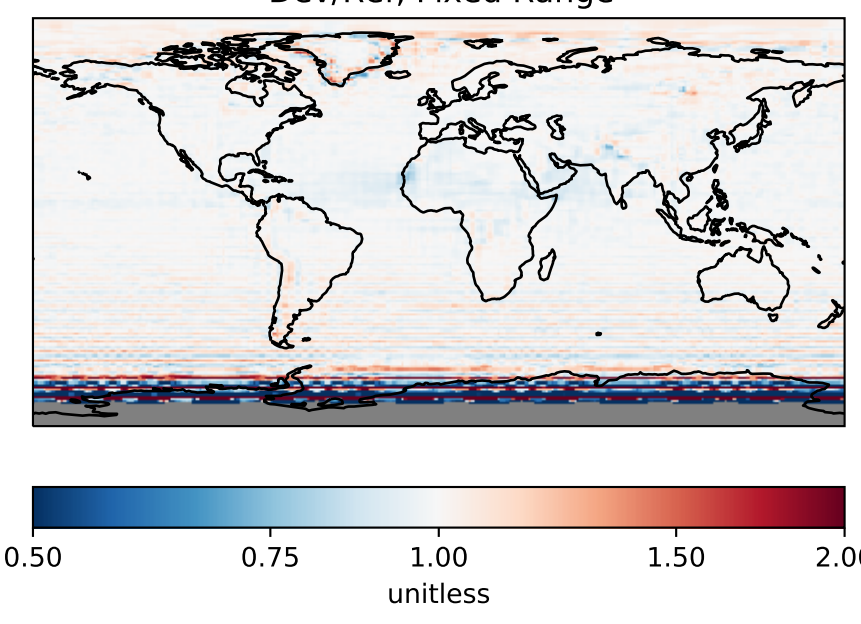
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

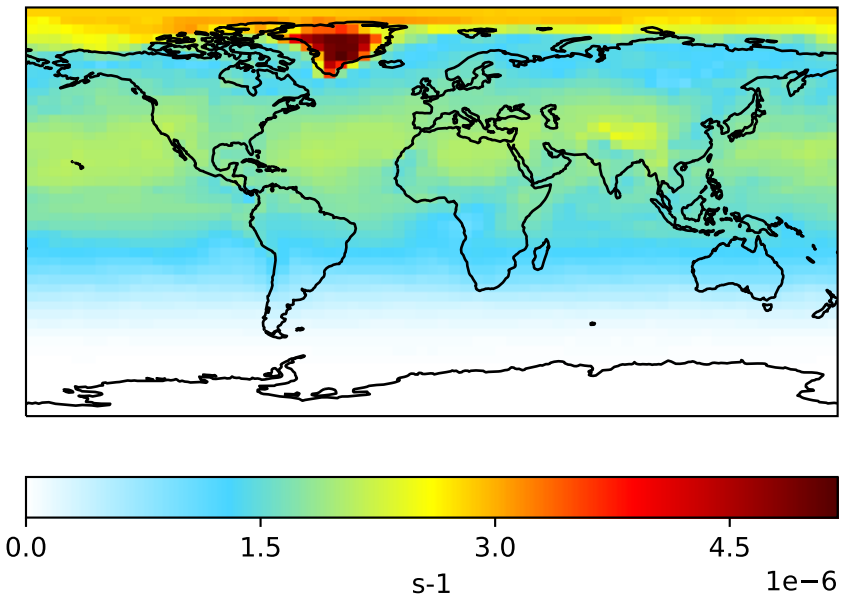


Ratio (1x1.25)
Dev/Ref, Fixed Range

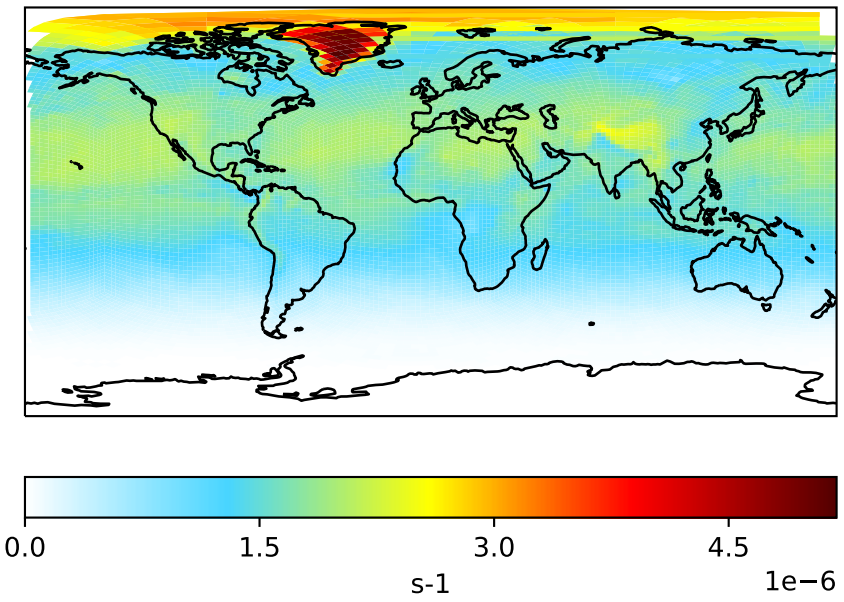


Jval_RIPC

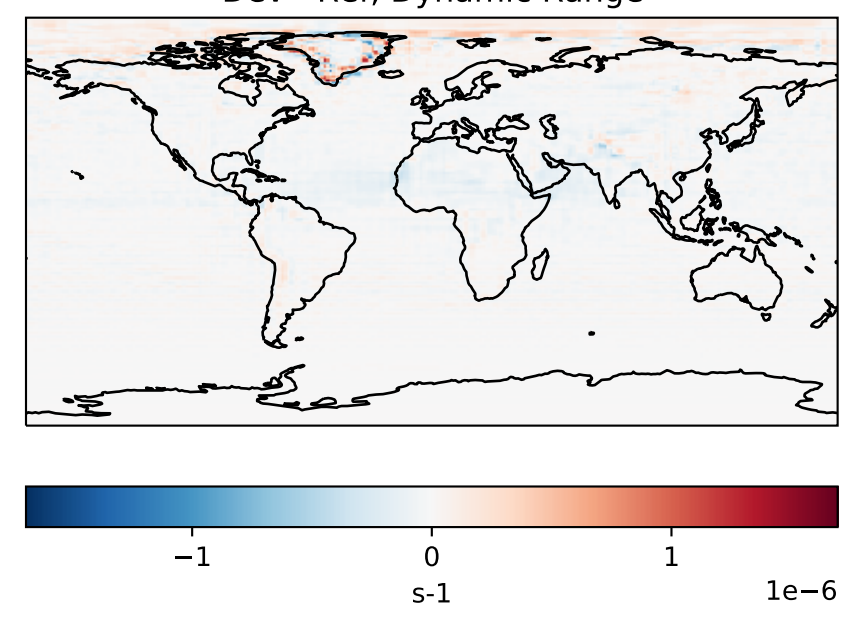
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



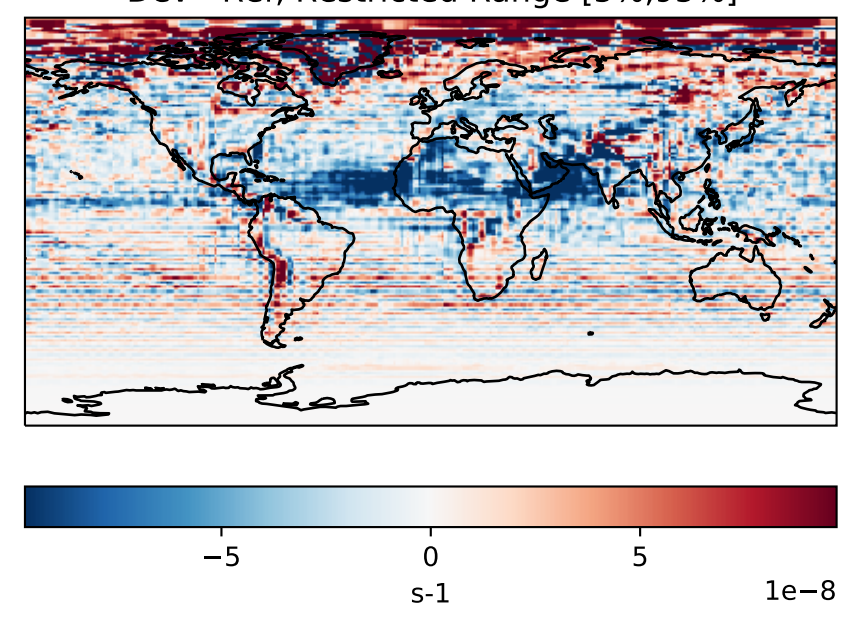
GCHP_13.1.0-beta.1 (Dev)
c48



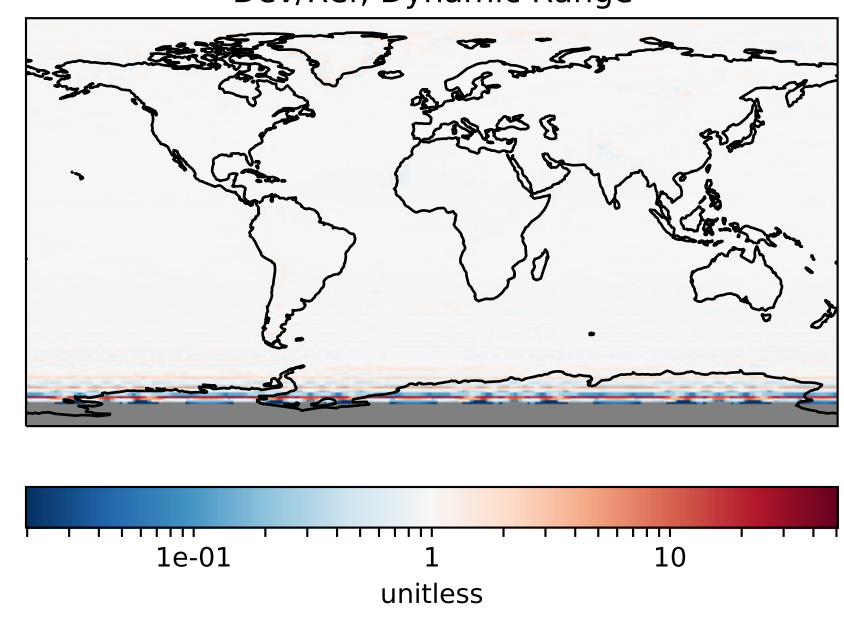
Difference (1x1.25)
Dev - Ref, Dynamic Range



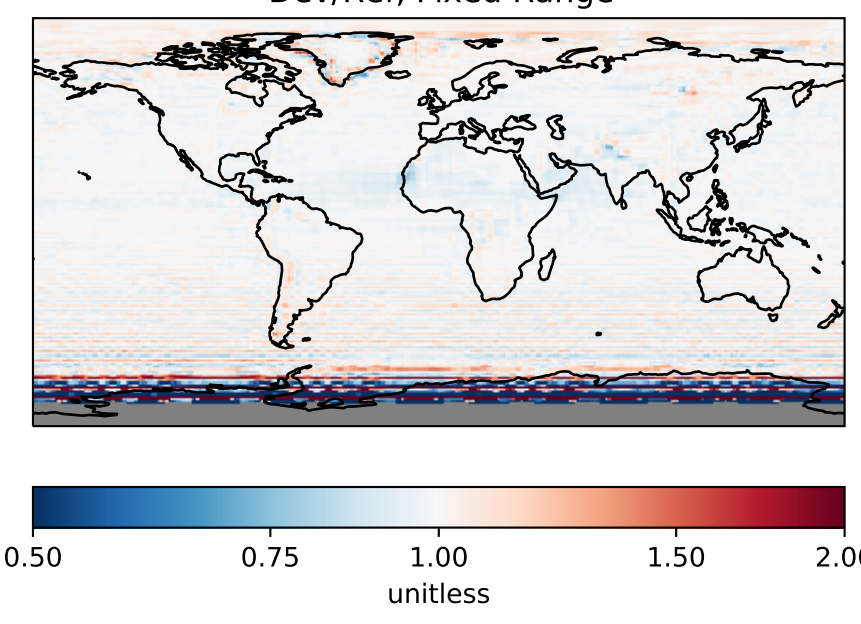
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

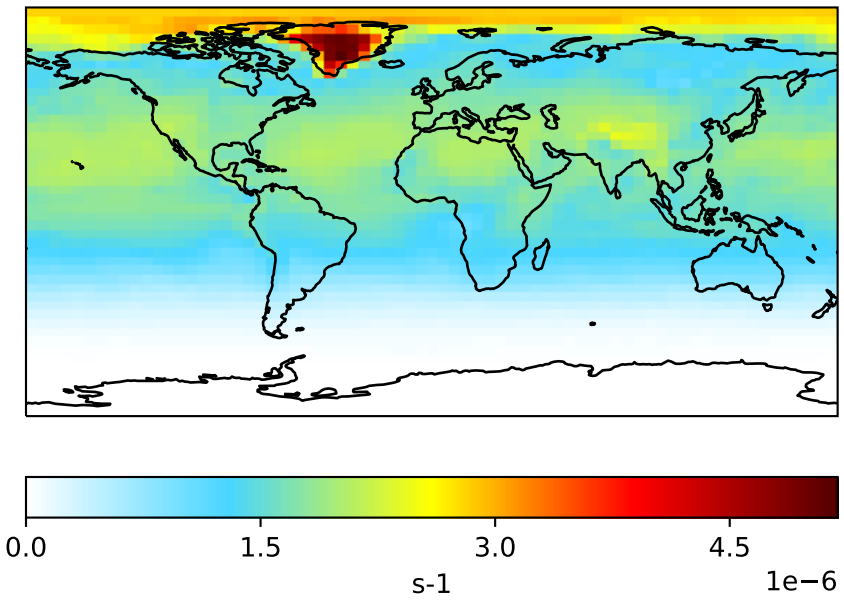


Ratio (1x1.25)
Dev/Ref, Fixed Range

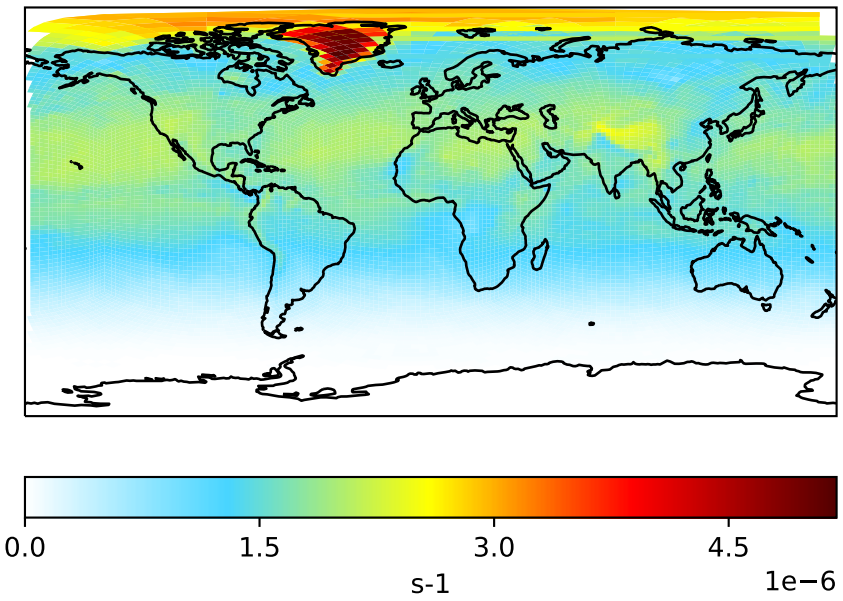


Jval_RIPD

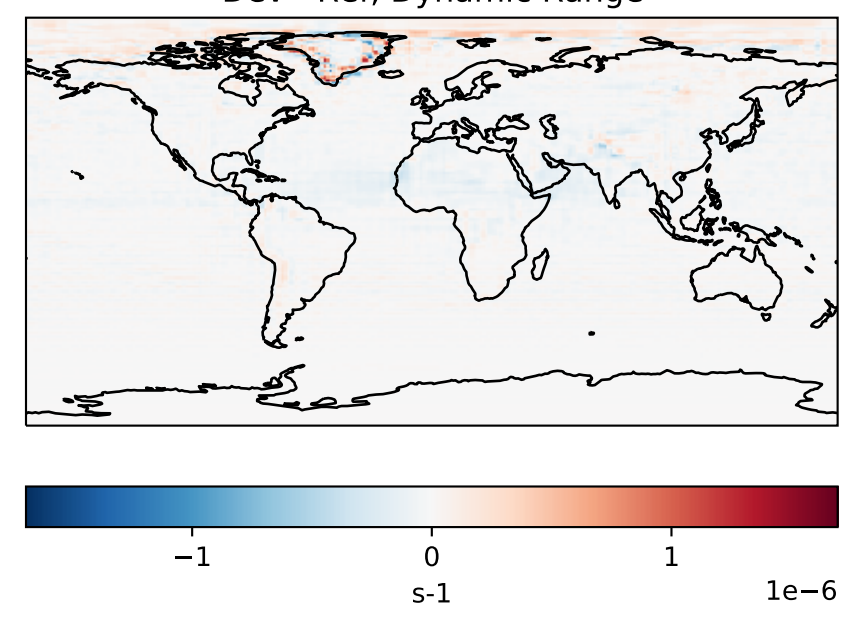
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



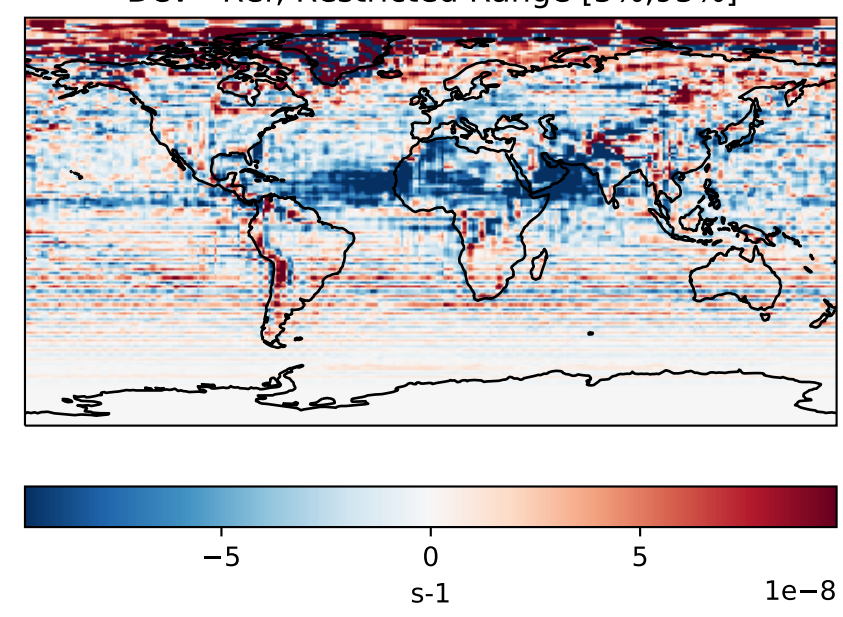
GCHP_13.1.0-beta.1 (Dev)
c48



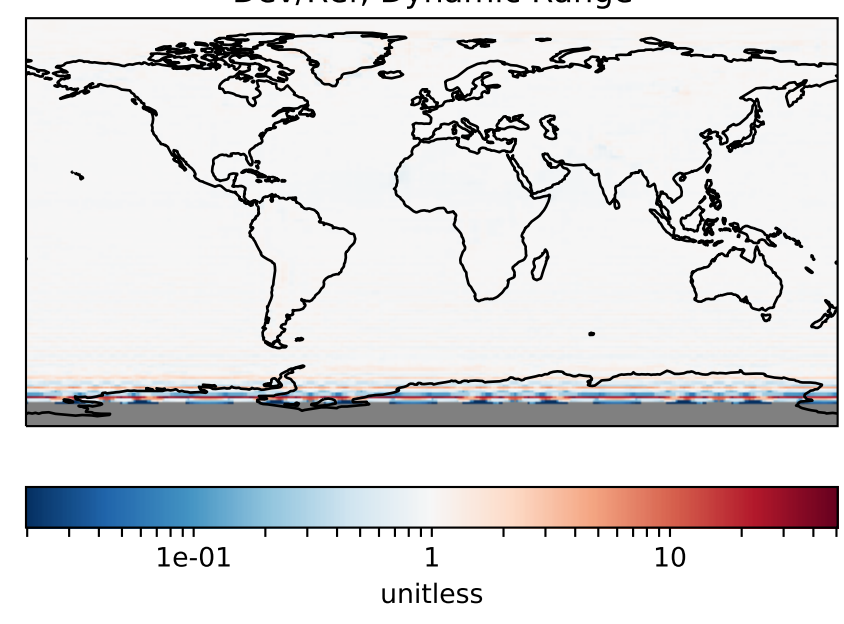
Difference (1x1.25)
Dev - Ref, Dynamic Range



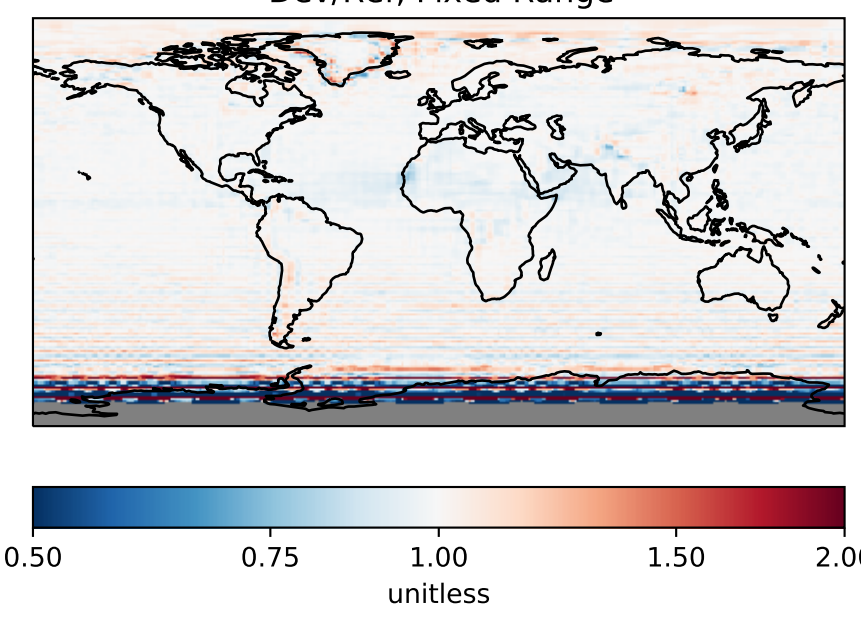
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

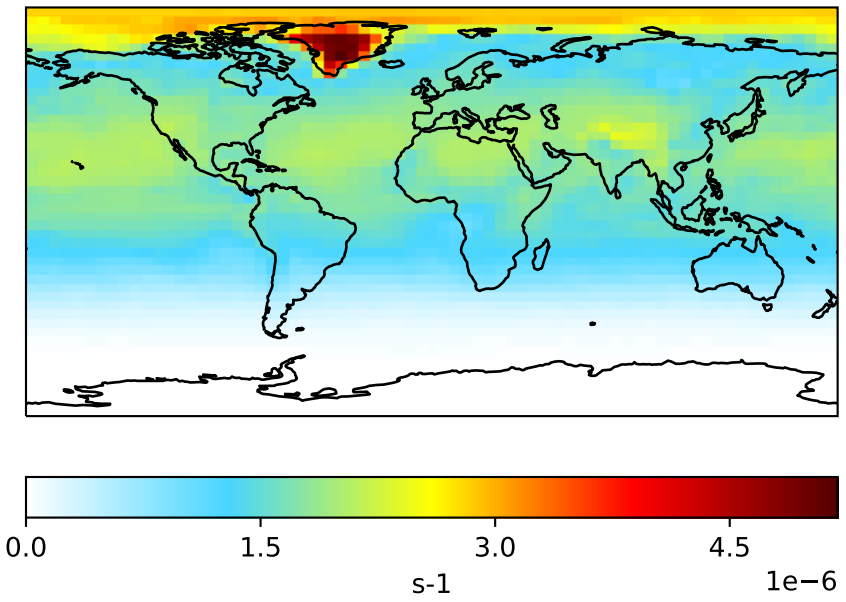


Ratio (1x1.25)
Dev/Ref, Fixed Range

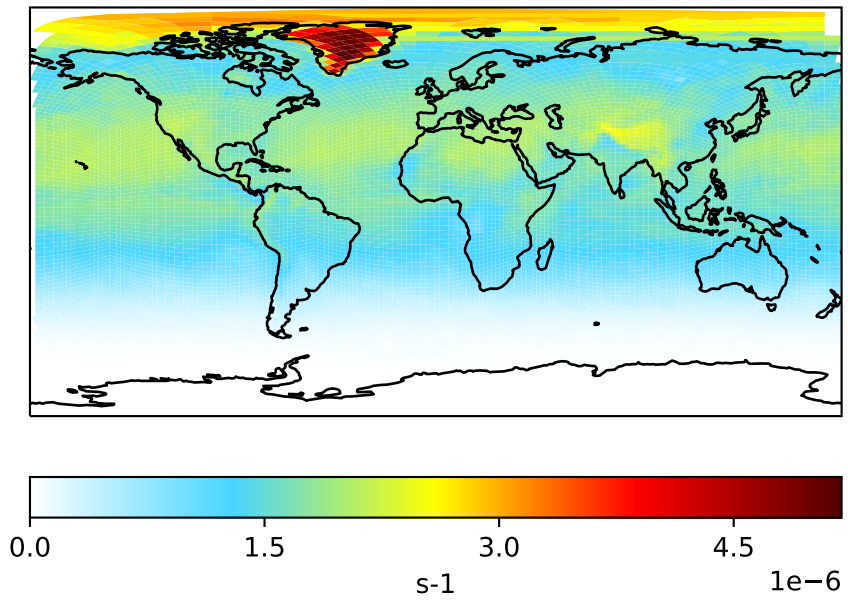


Jval_RP

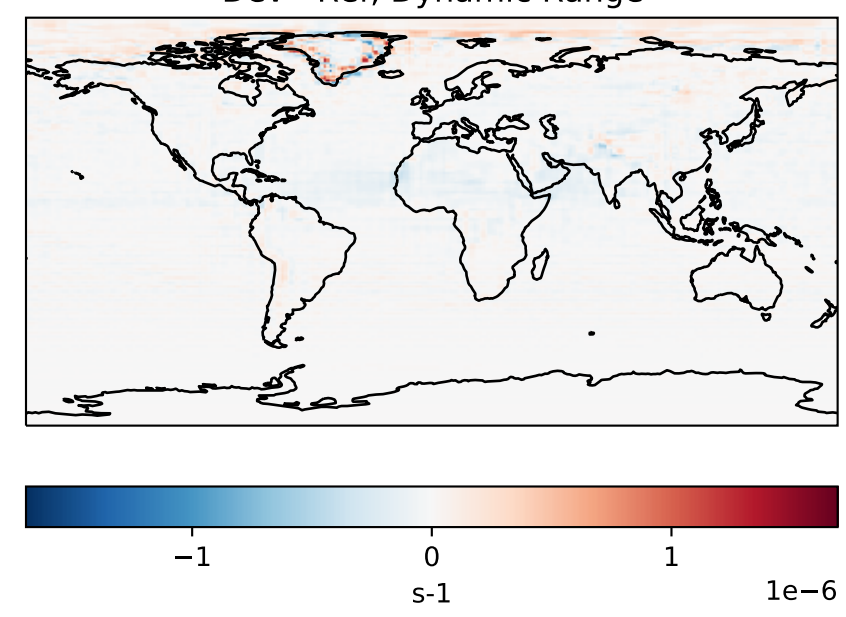
GCC_13.1.0-beta.1 (Ref)
4.0x5.0



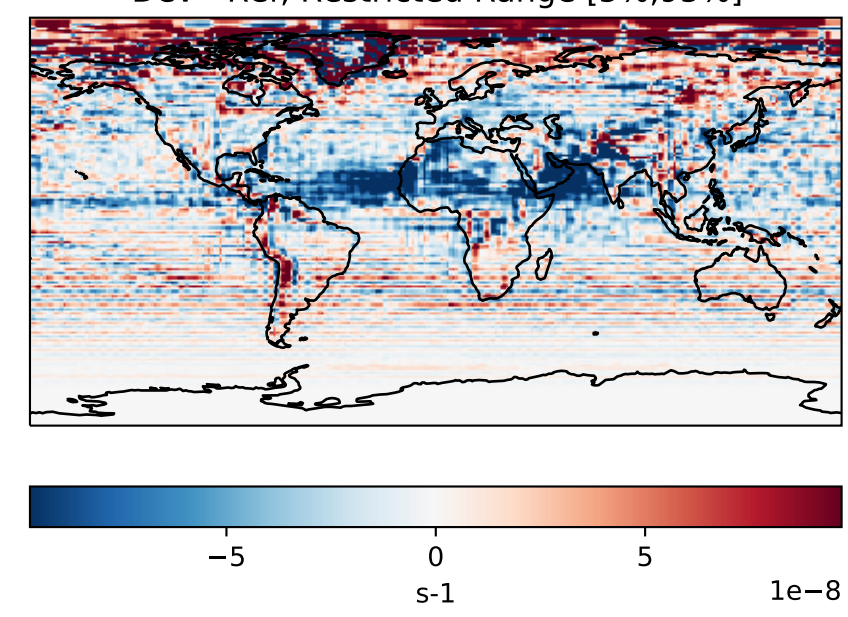
GCHP_13.1.0-beta.1 (Dev)
c48



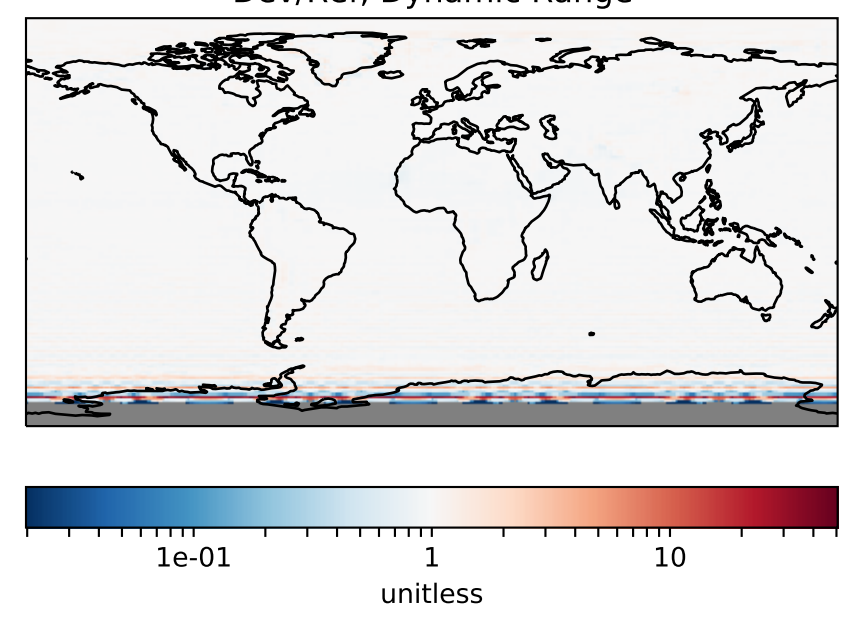
Difference (1x1.25)
Dev - Ref, Dynamic Range



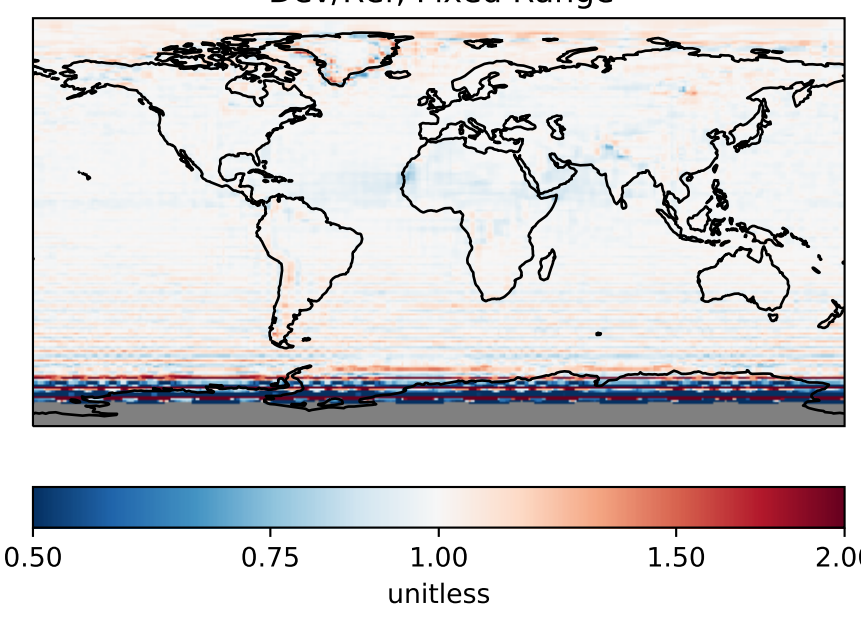
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

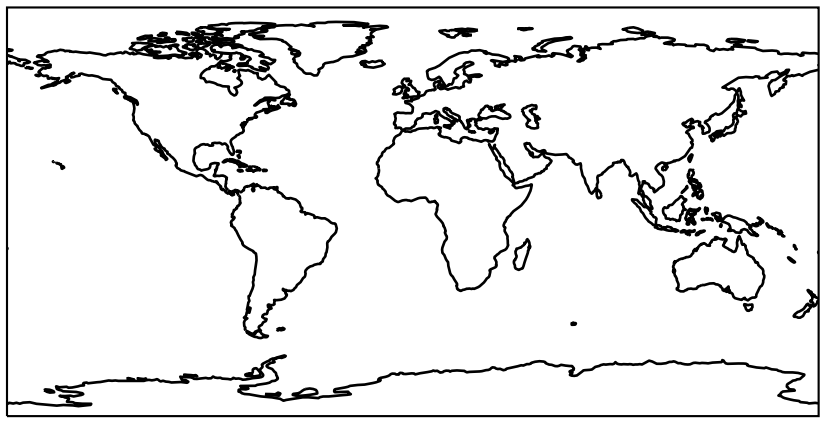


Ratio (1x1.25)
Dev/Ref, Fixed Range



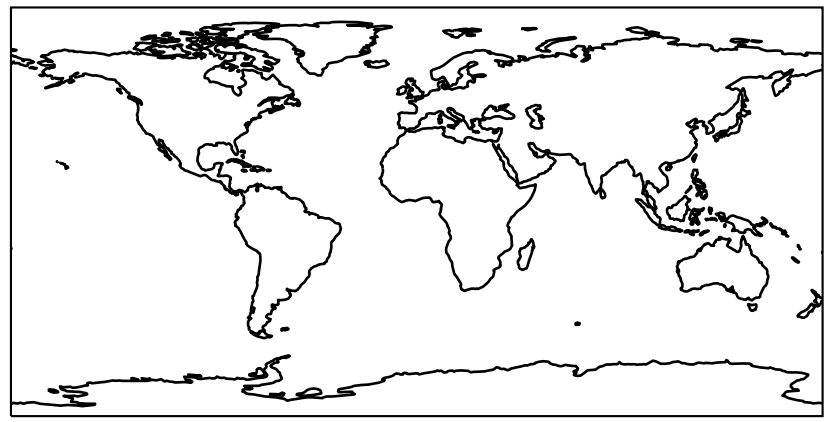
Jval_SO4

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



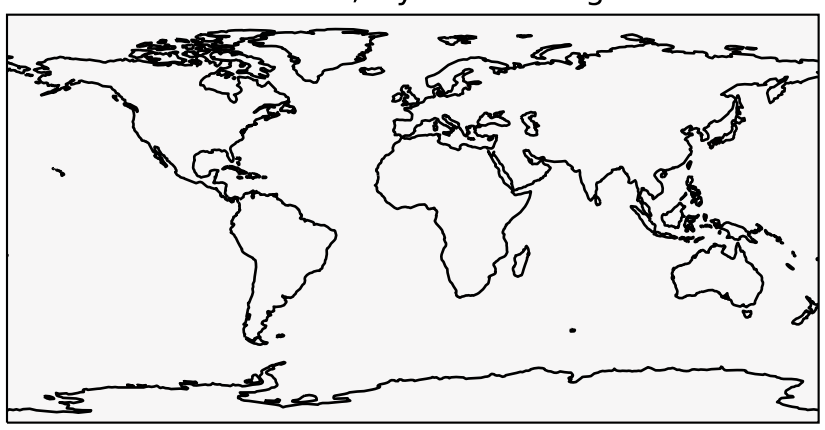
Zero throughout domain
s-1

GCHP_13.1.0-beta.1 (Dev)
c48



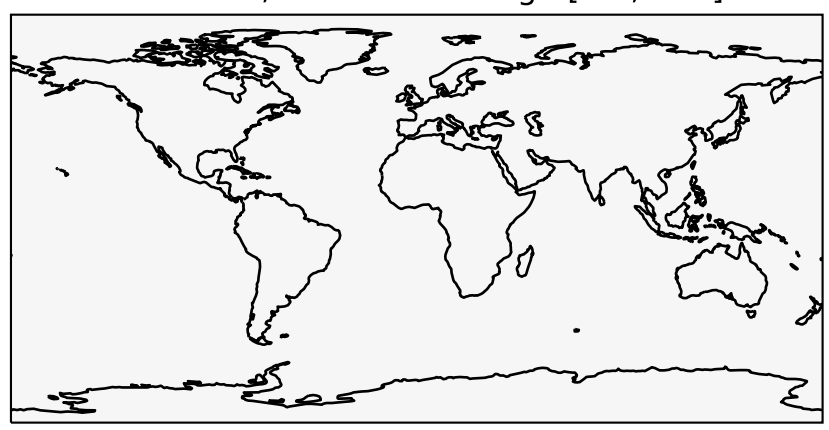
Zero throughout domain
s-1

Difference (1x1.25)
Dev - Ref, Dynamic Range



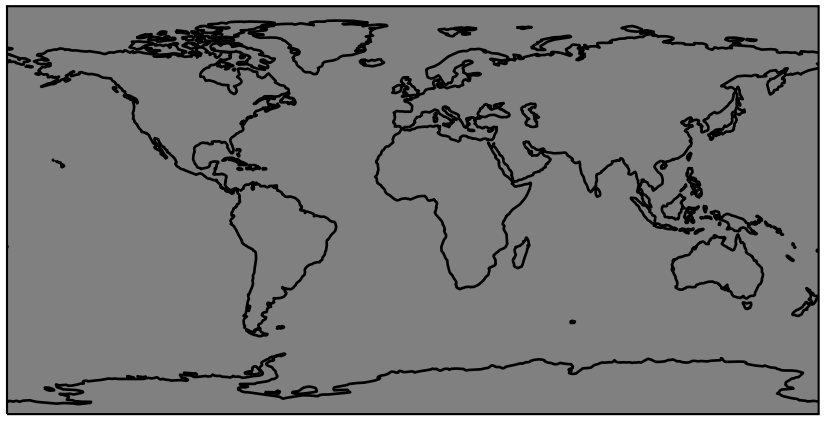
Zero throughout domain
s-1

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



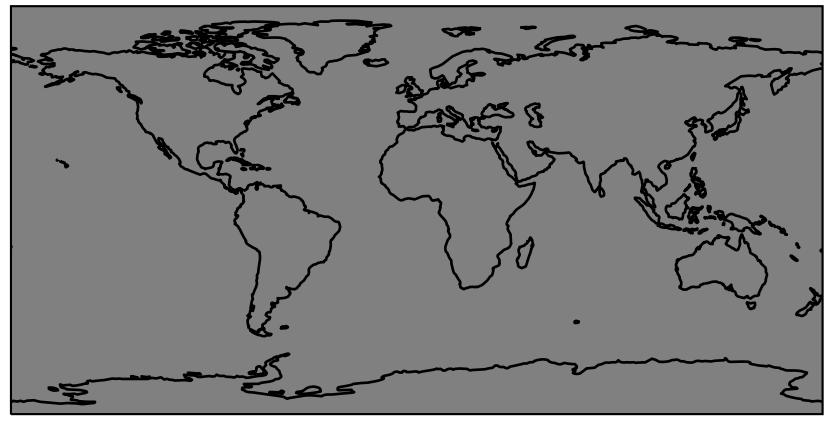
Zero throughout domain
s-1

Ratio (1x1.25)
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

Ratio (1x1.25)
Dev/Ref, Fixed Range



Undefined throughout domain
unitless