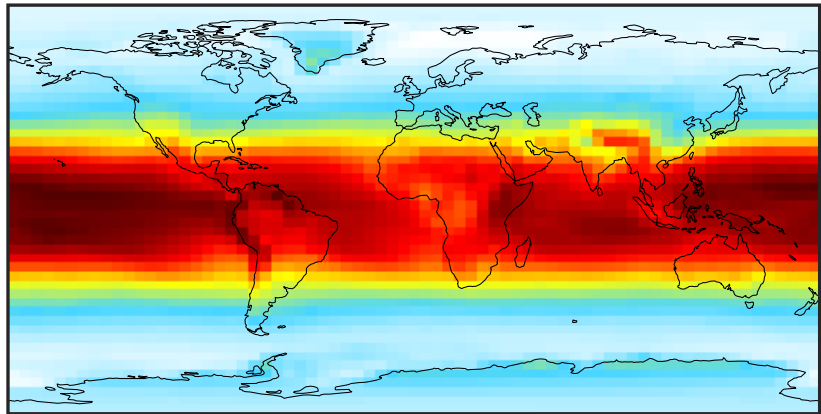


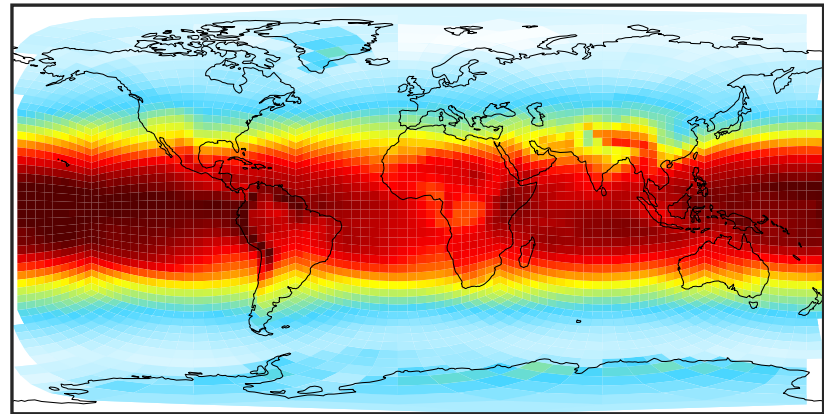
JvalO301D (AnnualMean)

GCC_14.2.0 (Ref)
4.0x5.0



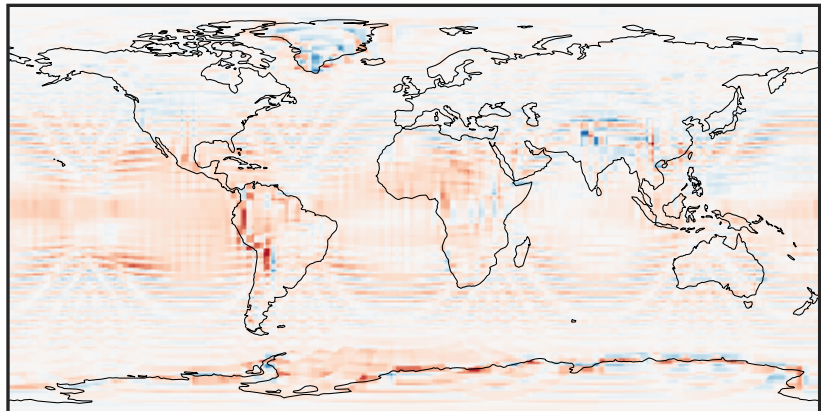
3 6 9
s-1 1e-6

GCHP_14.2.0 (Dev)
c24



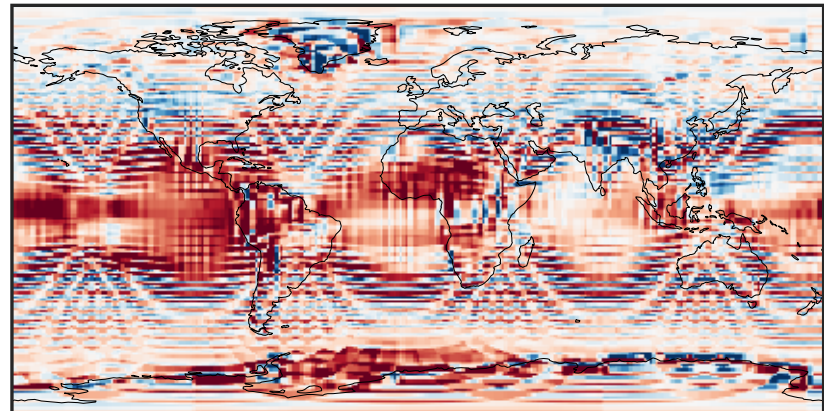
3 6 9
s-1 1e-6

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



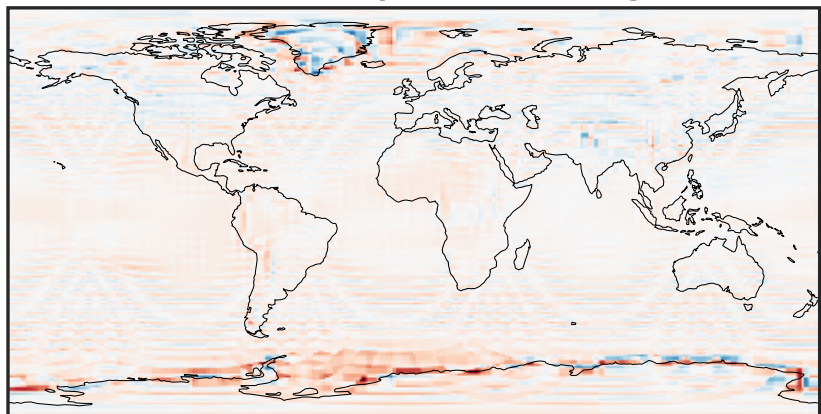
-1.5 0.0 1.5
s-1 1e-6

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



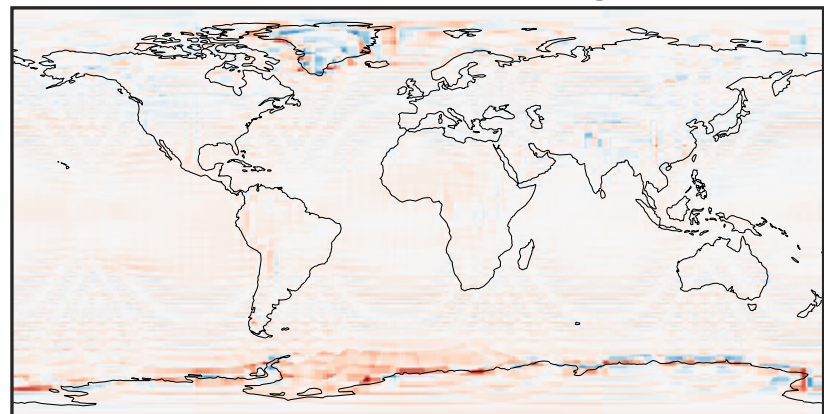
-2.5 0.0 2.5
s-1 1e-7

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



0.548 0.774 1.000 1.413 1.825
unitless

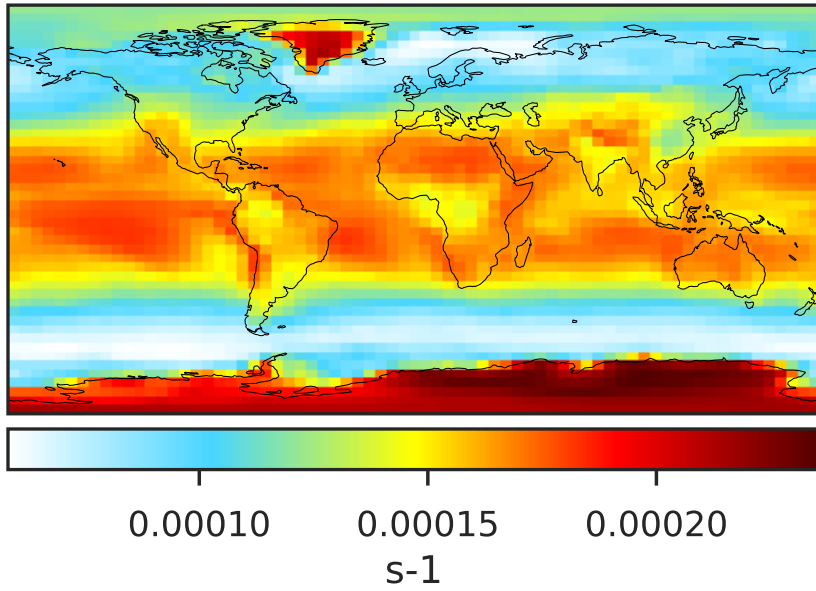
Ratio (1x1.25)
Dev/Ref, Fixed Range



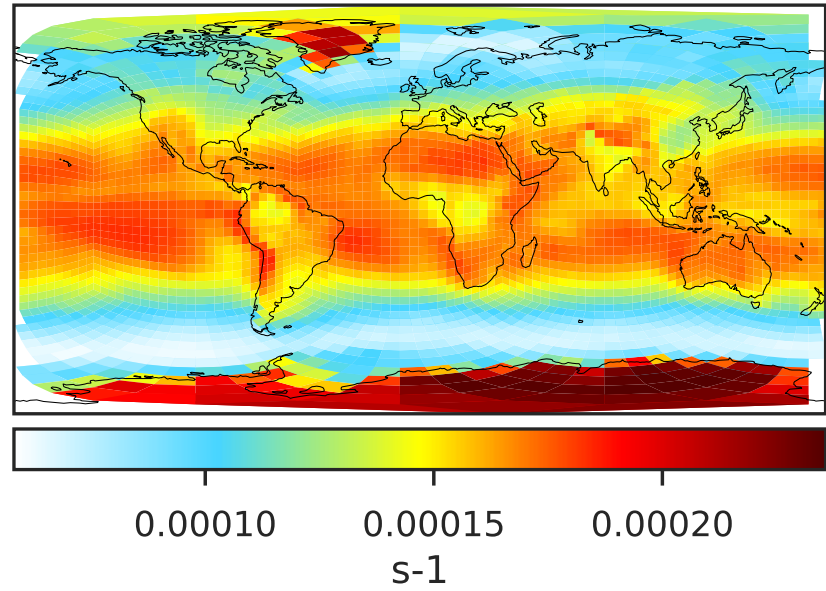
0.50 0.75 1.00 1.50 2.00
unitless

JvalO3O3P (AnnualMean)

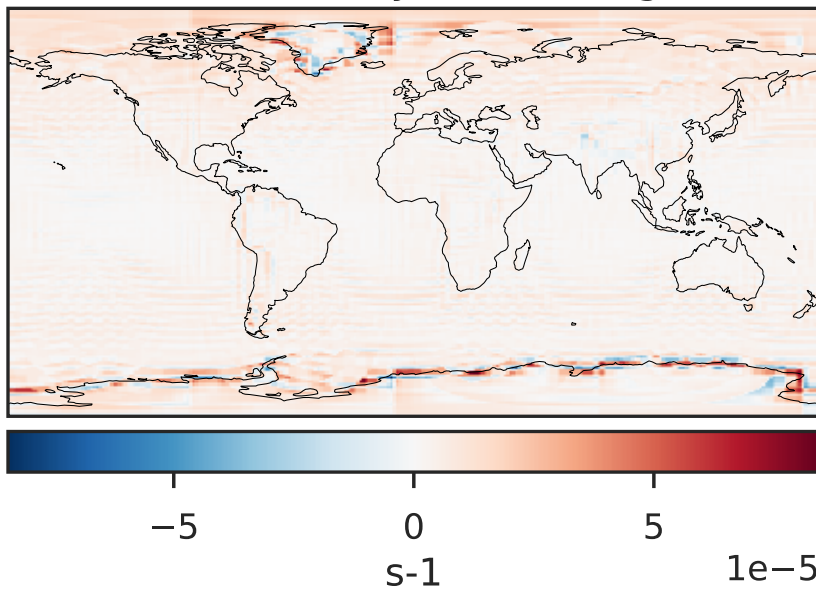
GCC_14.2.0 (Ref)
4.0x5.0



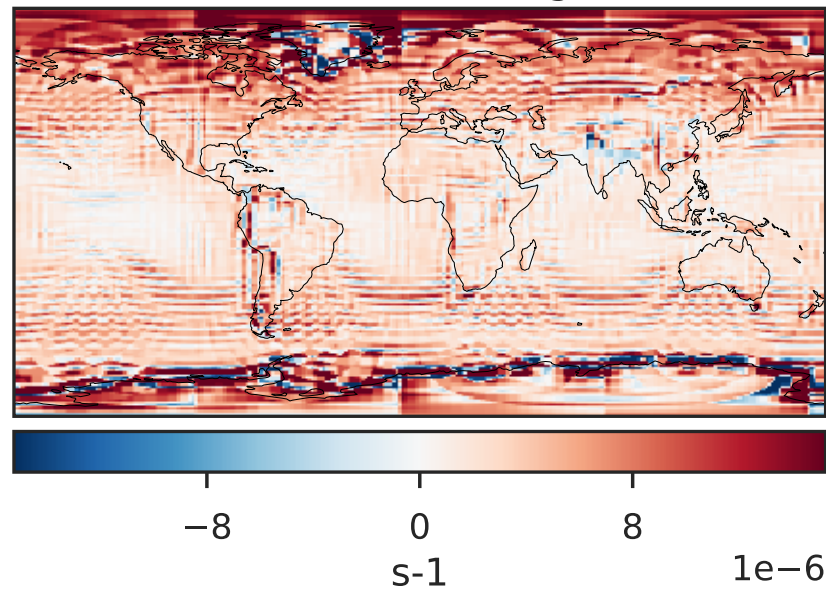
GCHP_14.2.0 (Dev)
c24



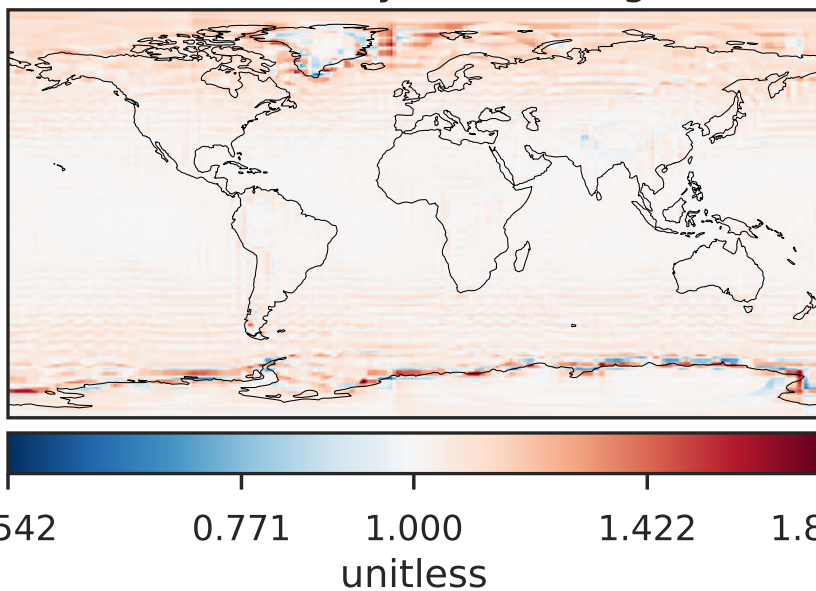
Difference (1x1.25)
Dev - Ref, Dynamic Range



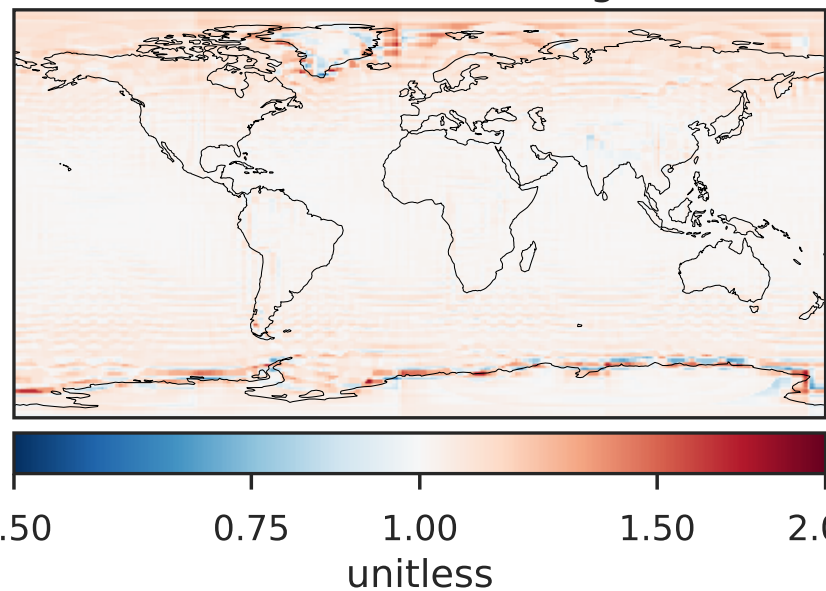
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

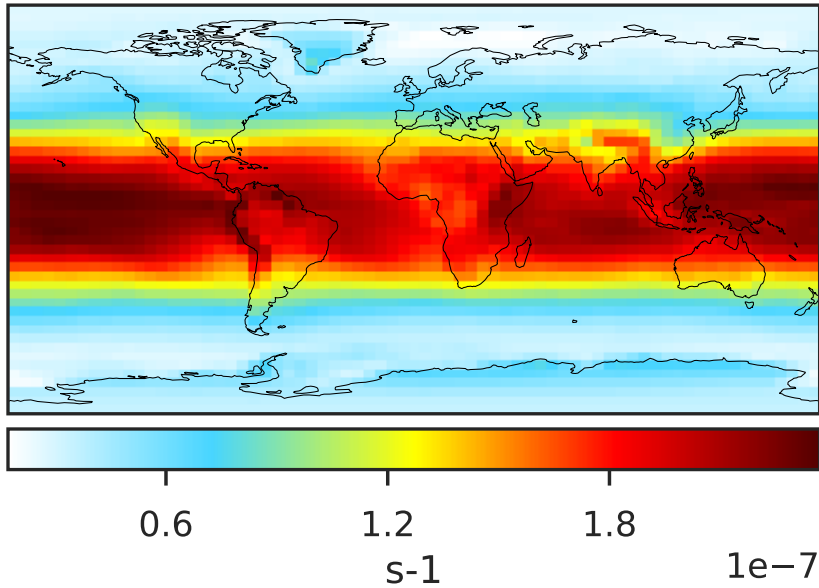


Ratio (1x1.25)
Dev/Ref, Fixed Range

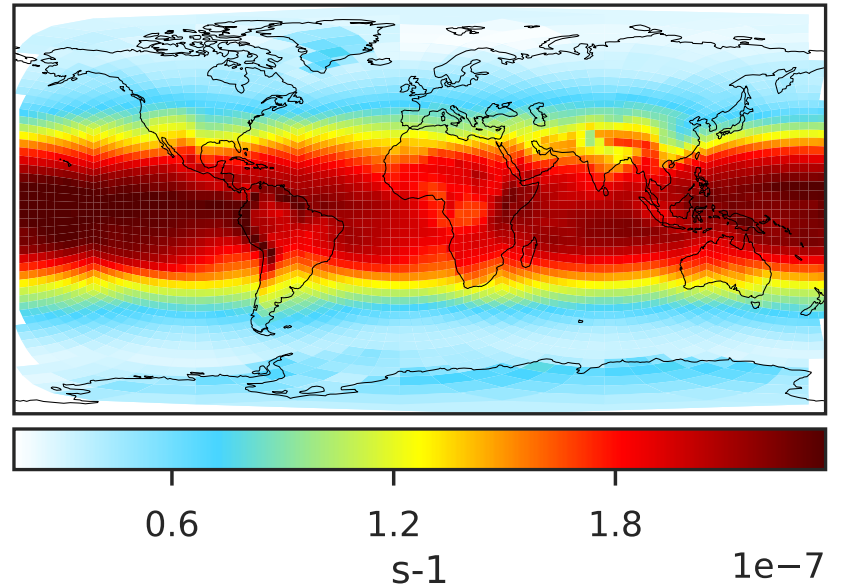


Jval_ACET (AnnualMean)

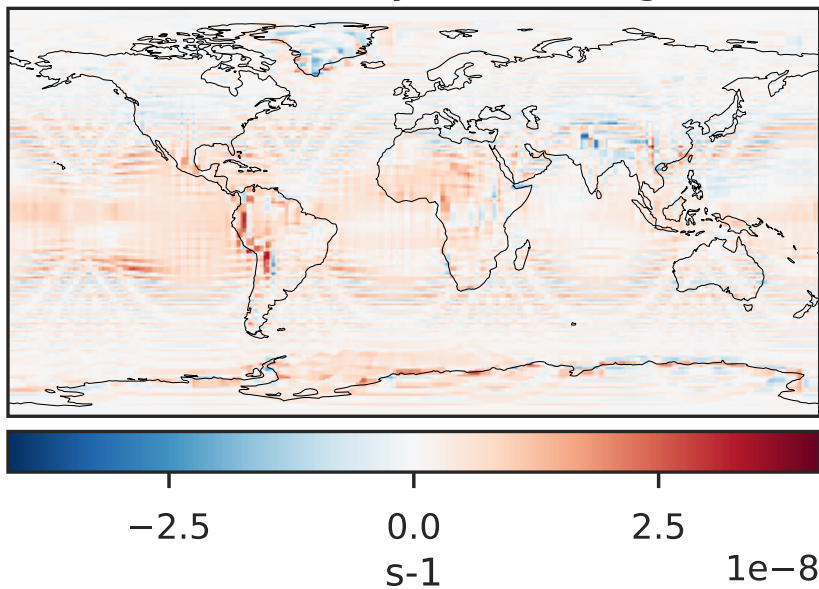
GCC_14.2.0 (Ref)
4.0x5.0



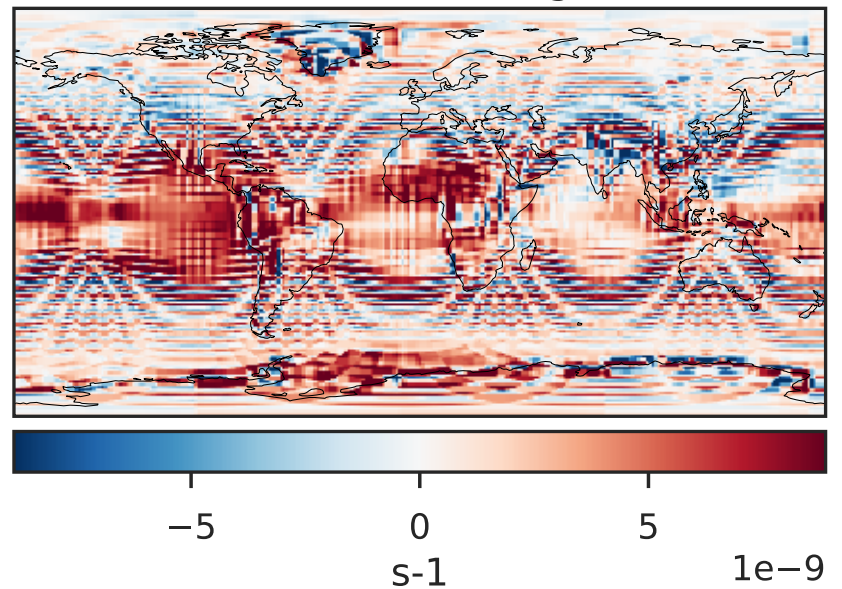
GCHP_14.2.0 (Dev)
c24



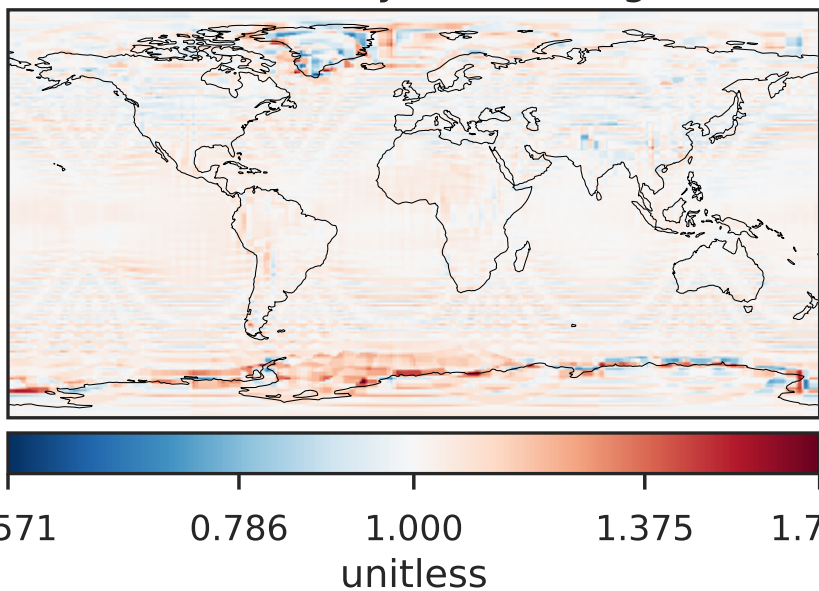
Difference (1x1.25)
Dev - Ref, Dynamic Range



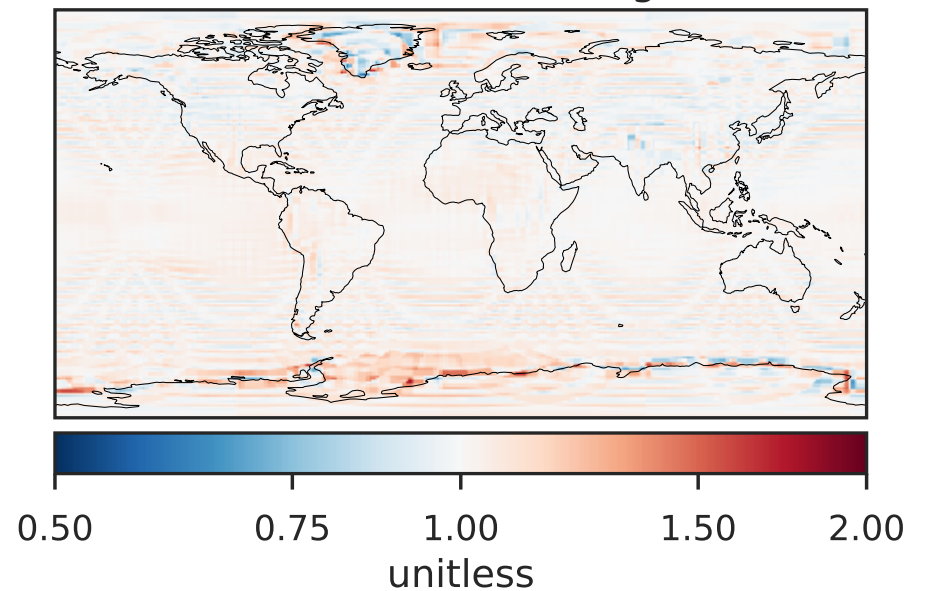
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

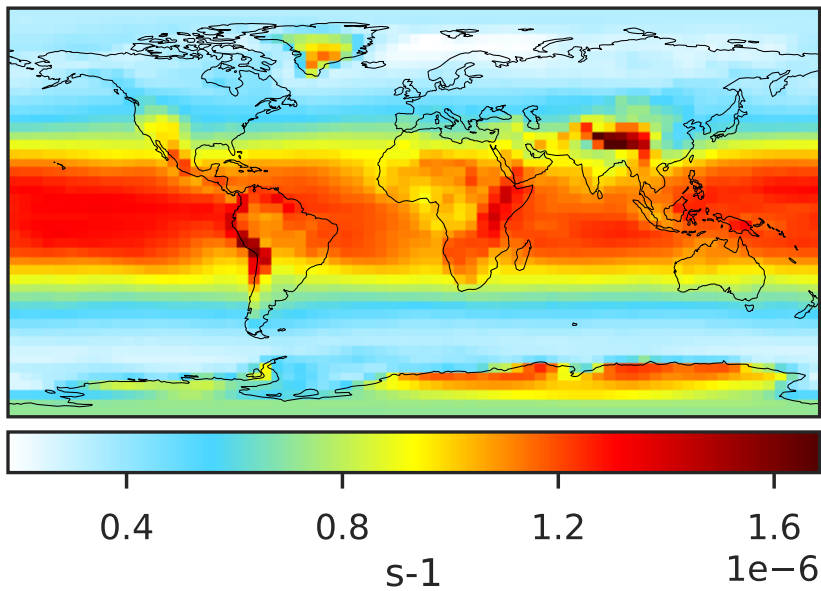


Ratio (1x1.25)
Dev/Ref, Fixed Range

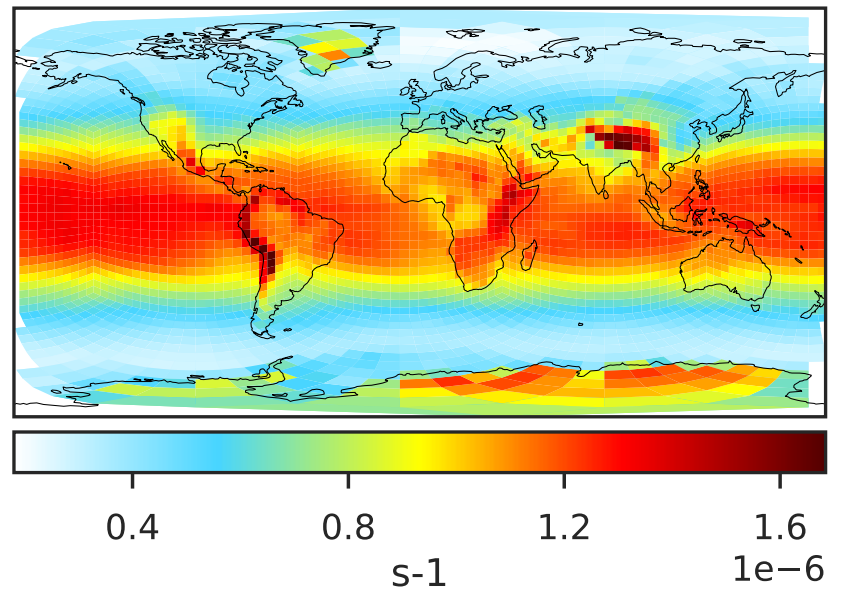


Jval_ALD2 (AnnualMean)

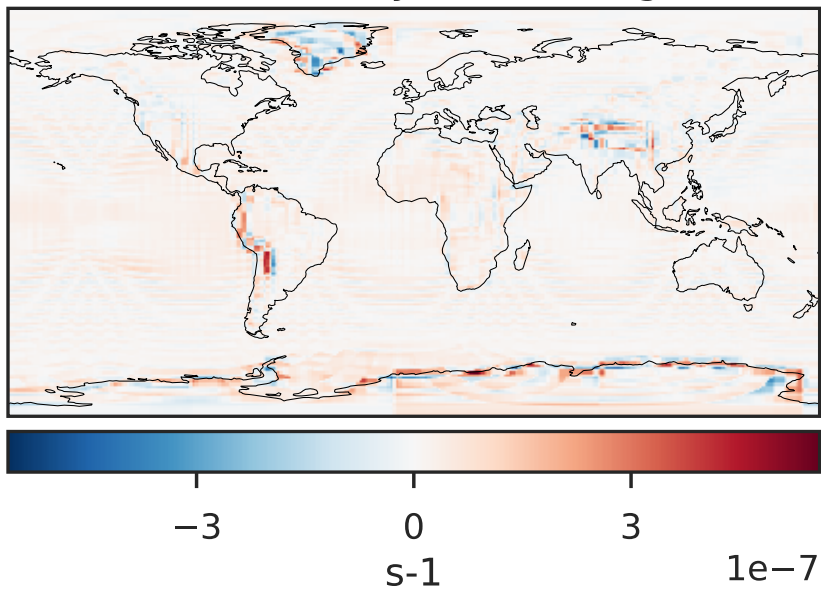
GCC_14.2.0 (Ref)
4.0x5.0



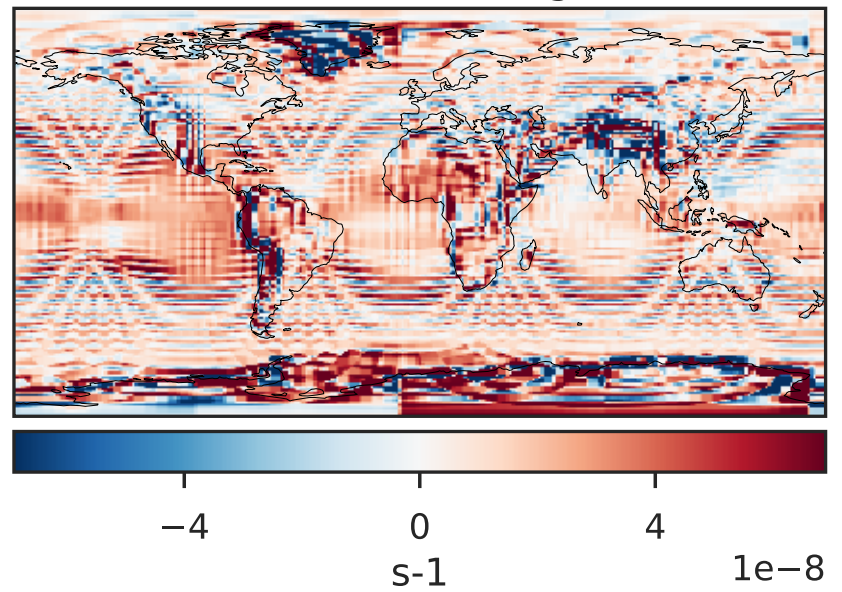
GCHP_14.2.0 (Dev)
c24



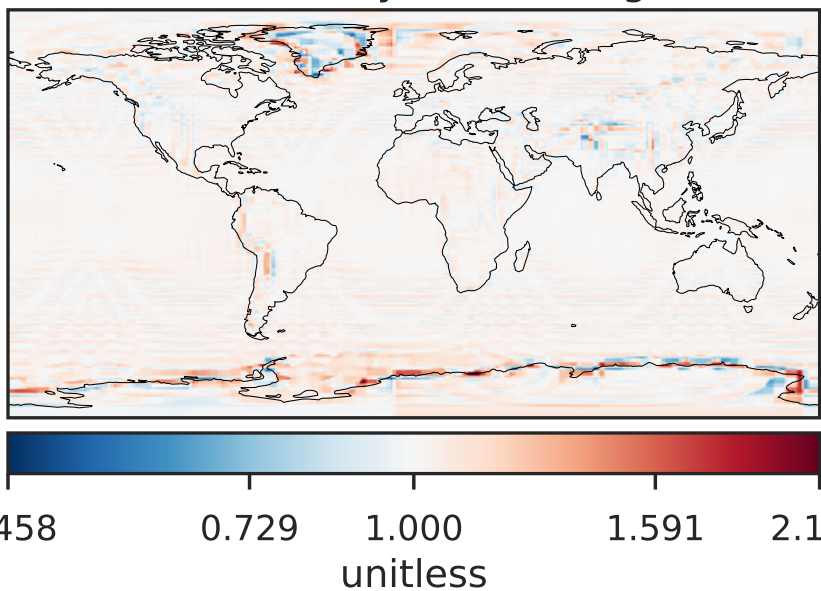
Difference (1x1.25)
Dev - Ref, Dynamic Range



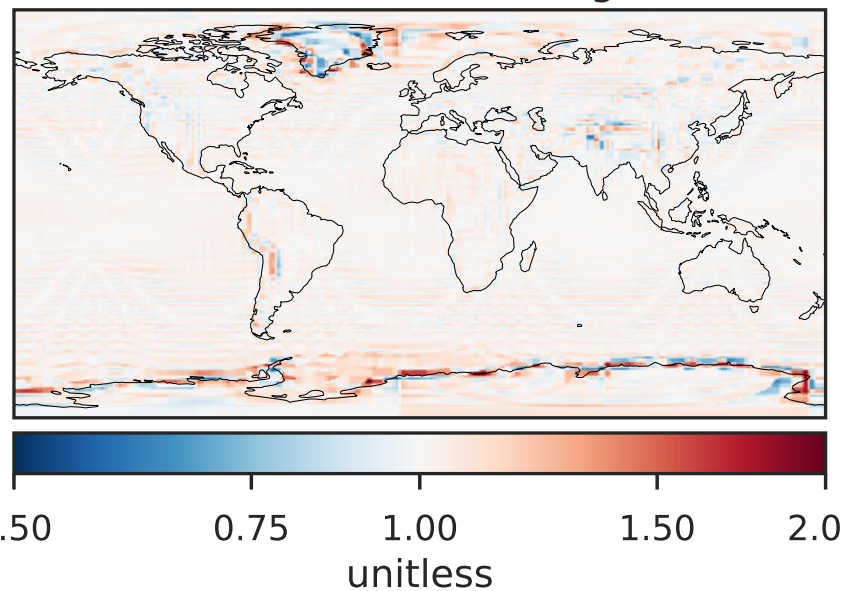
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

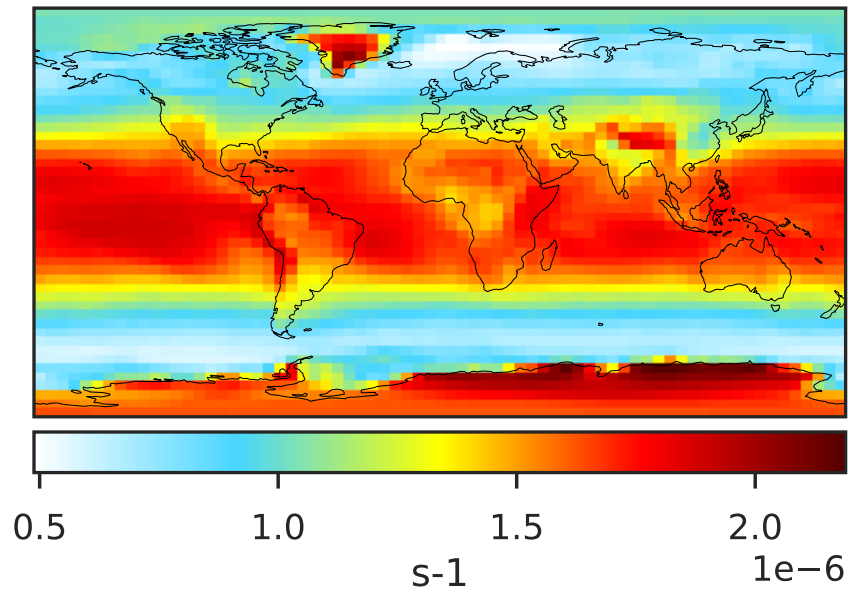


Ratio (1x1.25)
Dev/Ref, Fixed Range

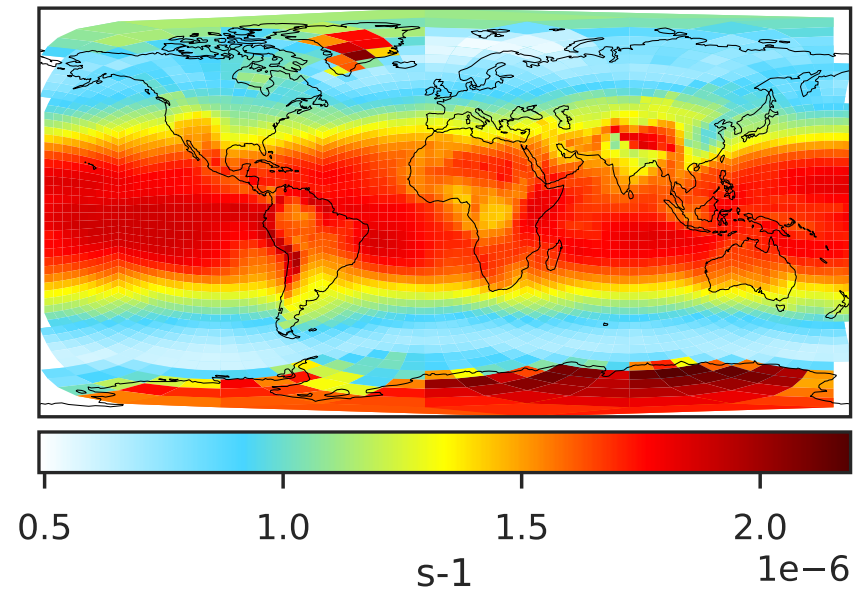


Jval_ATOOH (AnnualMean)

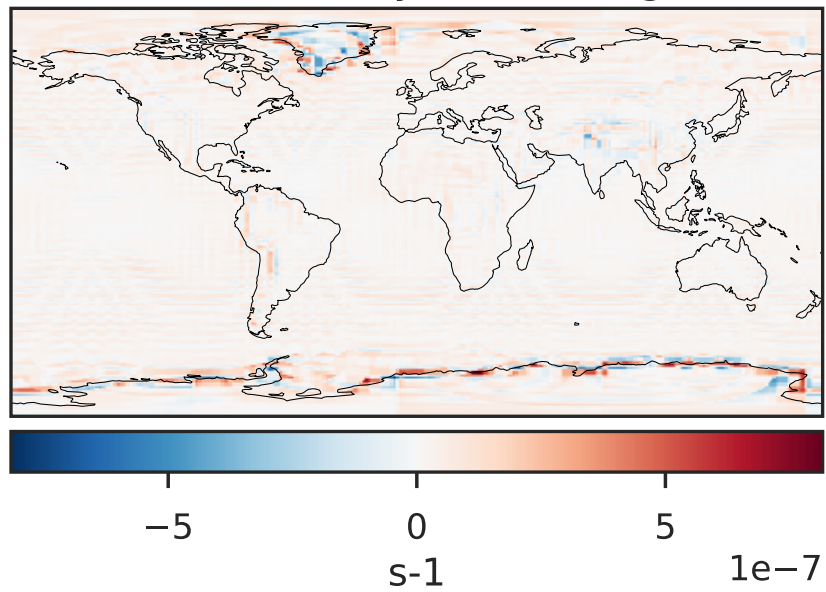
GCC_14.2.0 (Ref)
4.0x5.0



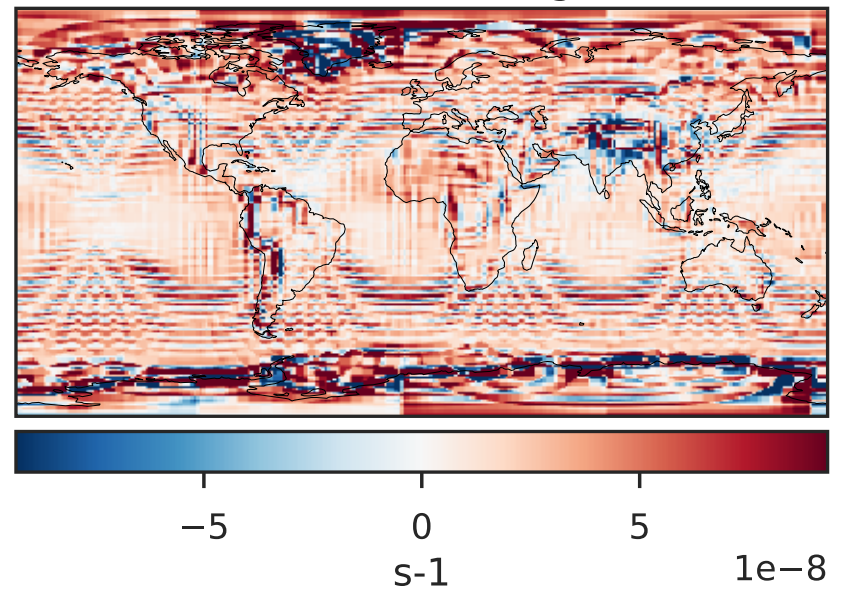
GCHP_14.2.0 (Dev)
c24



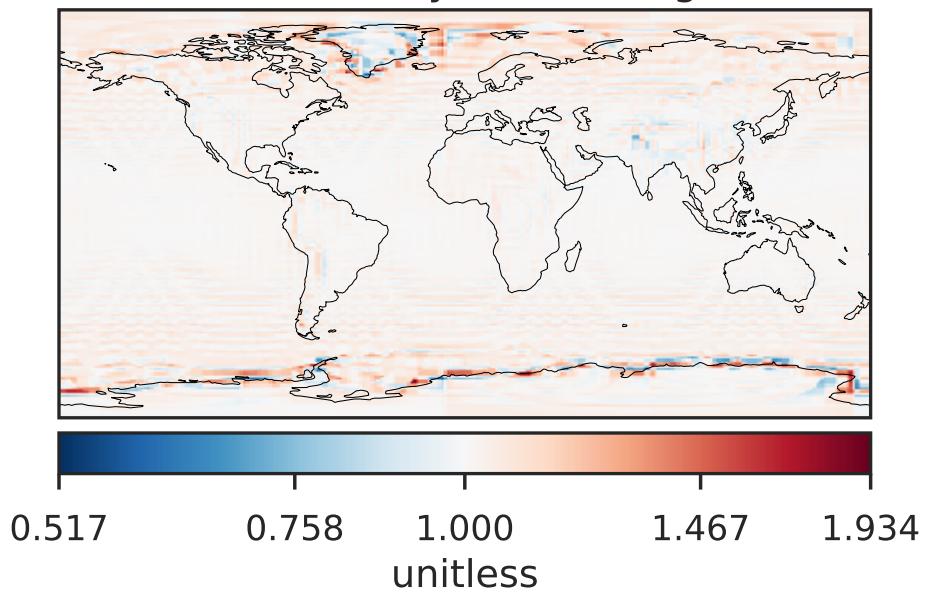
Difference (1x1.25)
Dev - Ref, Dynamic Range



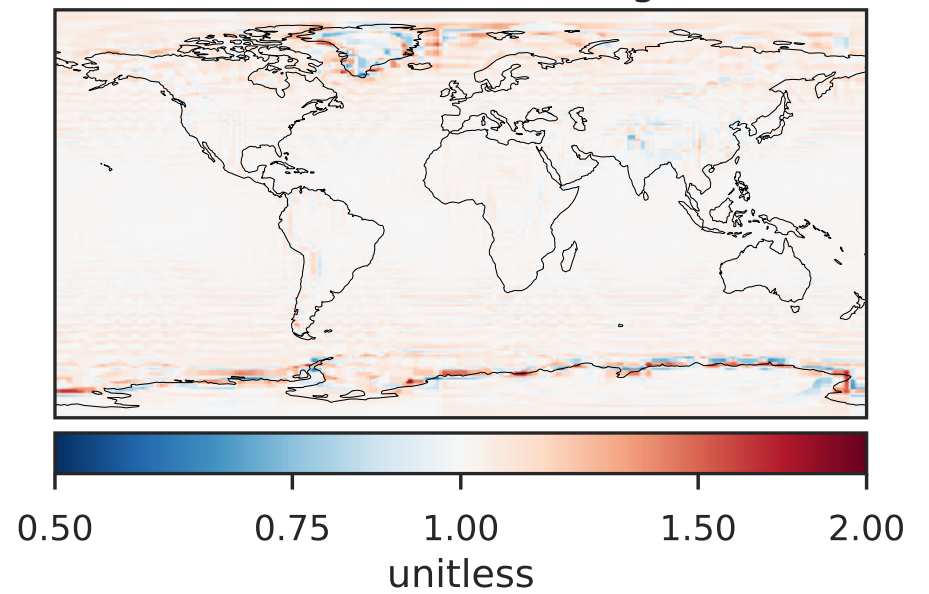
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

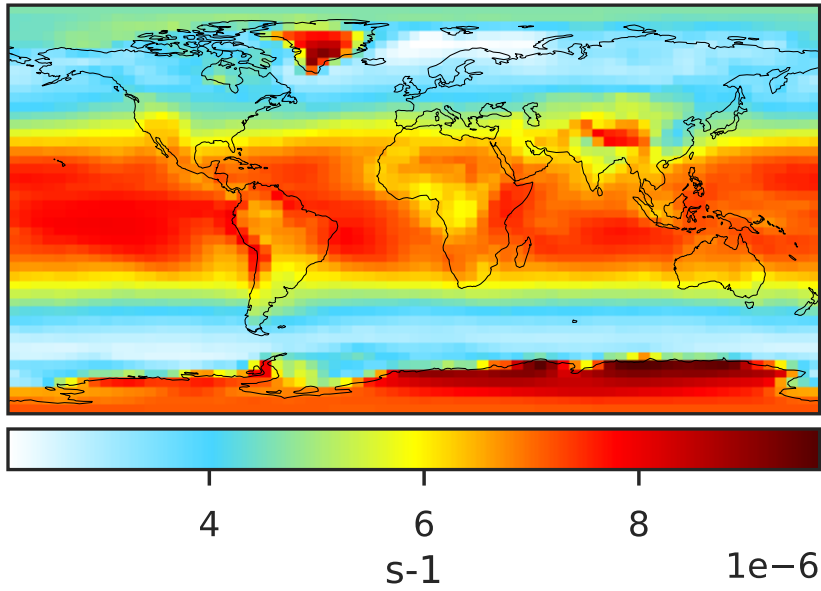


Ratio (1x1.25)
Dev/Ref, Fixed Range

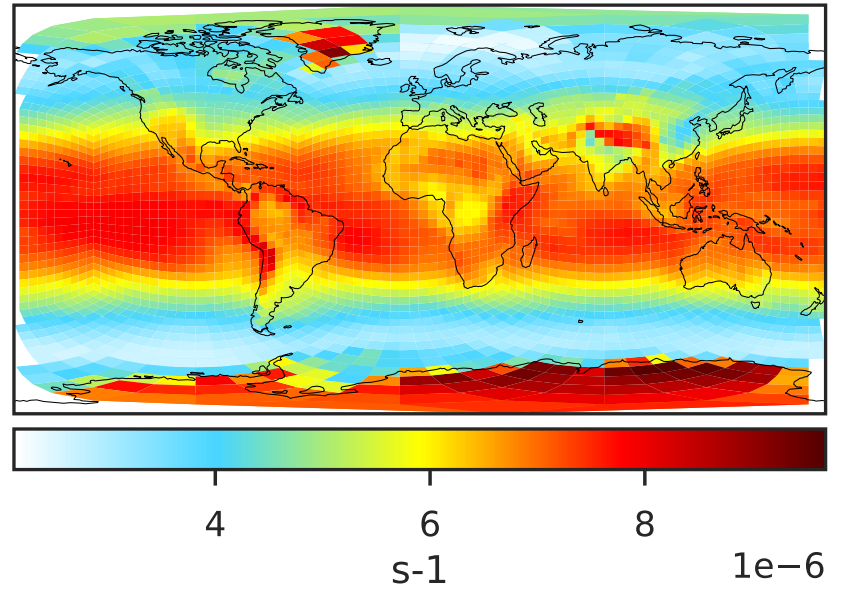


Jval_BALD (AnnualMean)

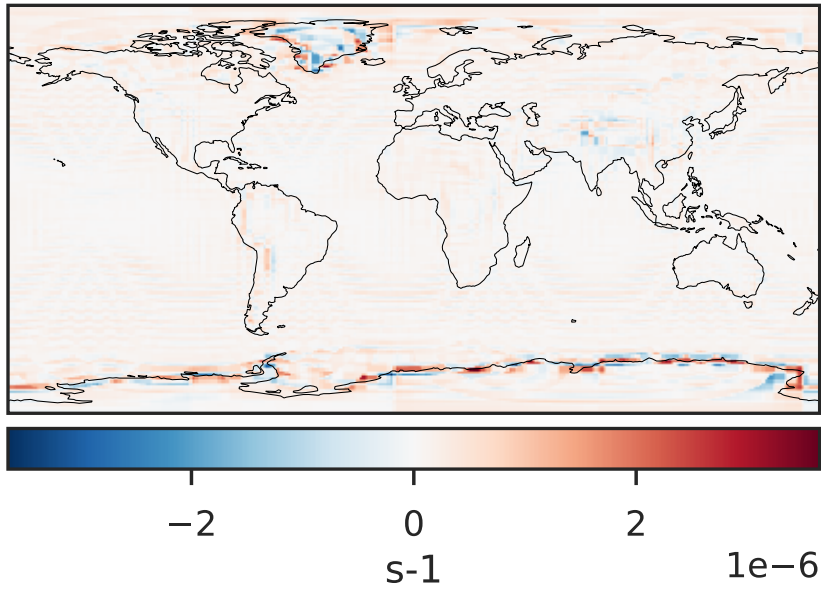
GCC_14.2.0 (Ref)
4.0x5.0



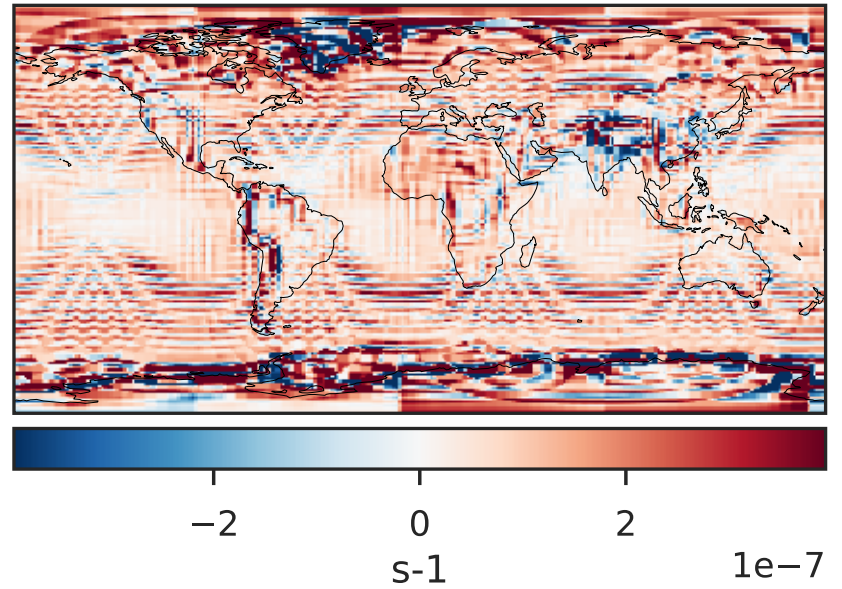
GCHP_14.2.0 (Dev)
c24



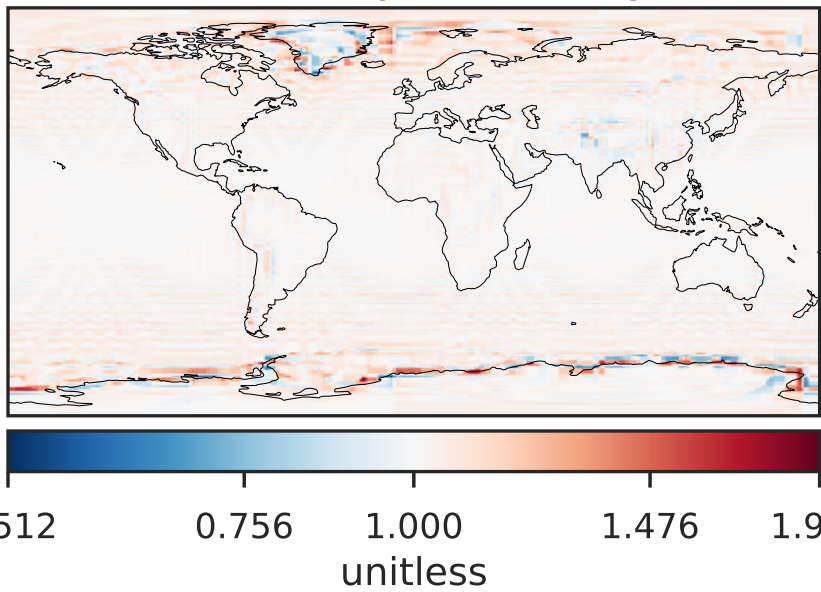
Difference (1x1.25)
Dev - Ref, Dynamic Range



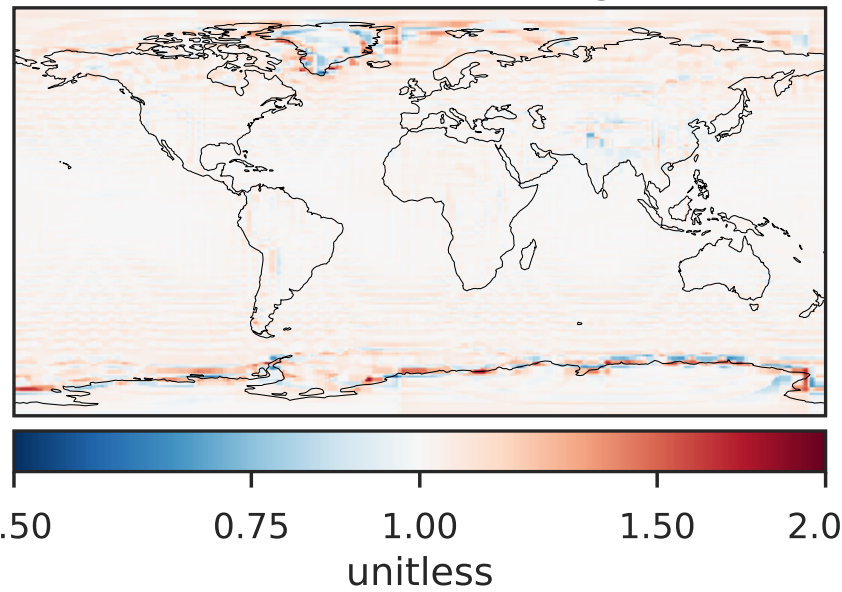
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

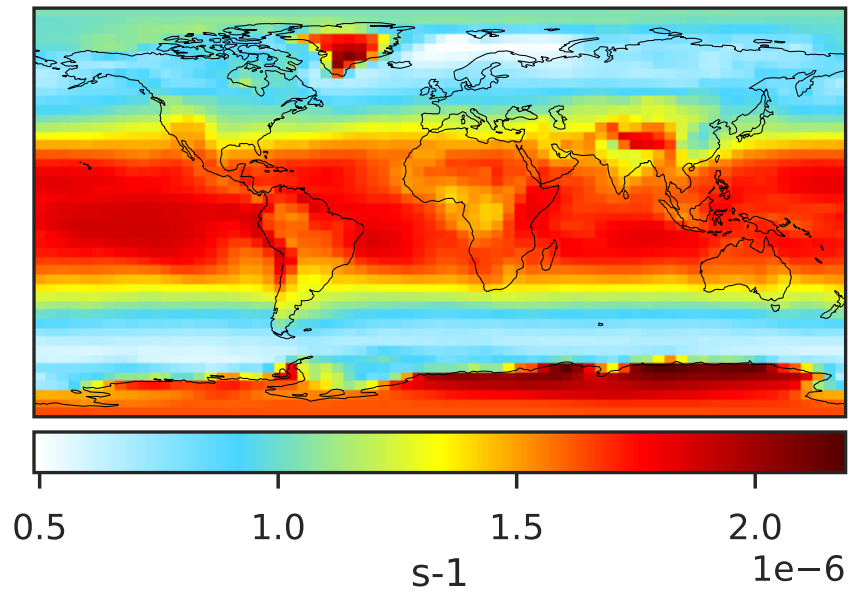


Ratio (1x1.25)
Dev/Ref, Fixed Range

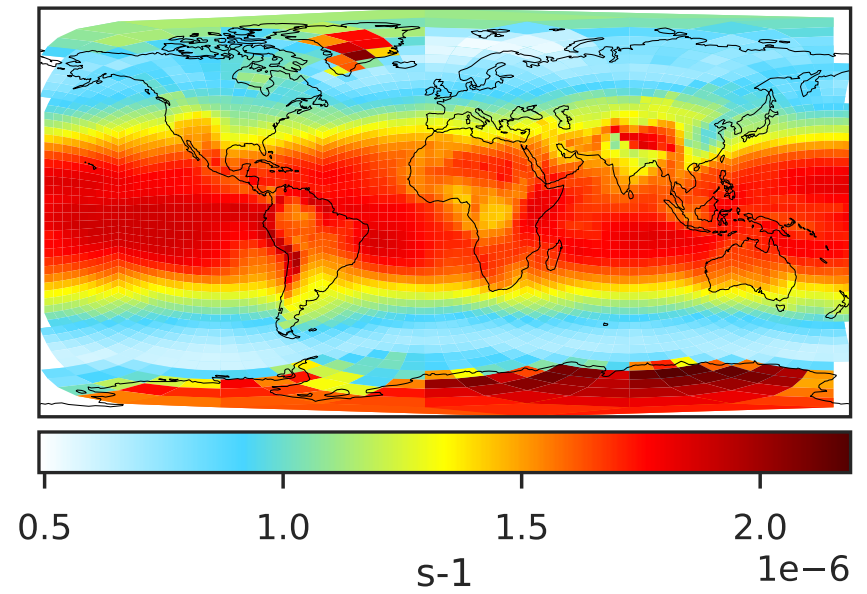


Jval_BENZP (AnnualMean)

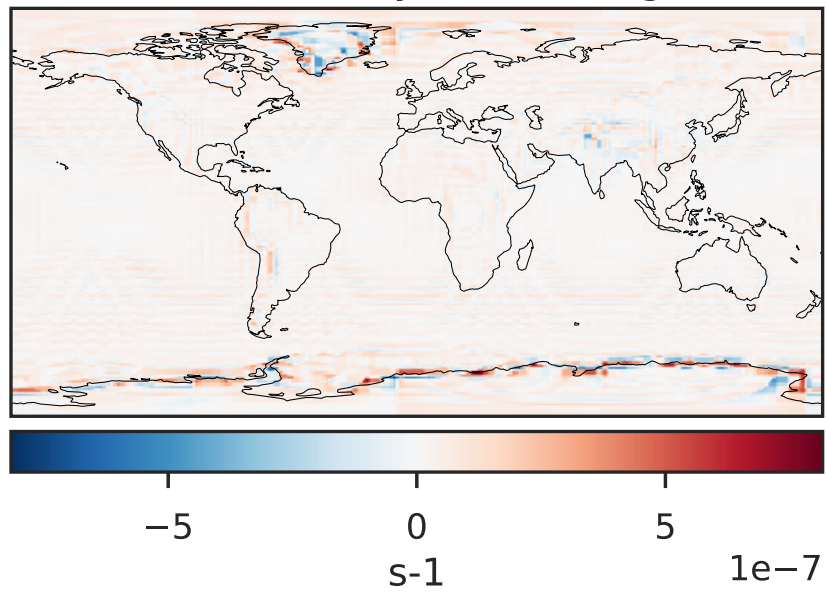
GCC_14.2.0 (Ref)
4.0x5.0



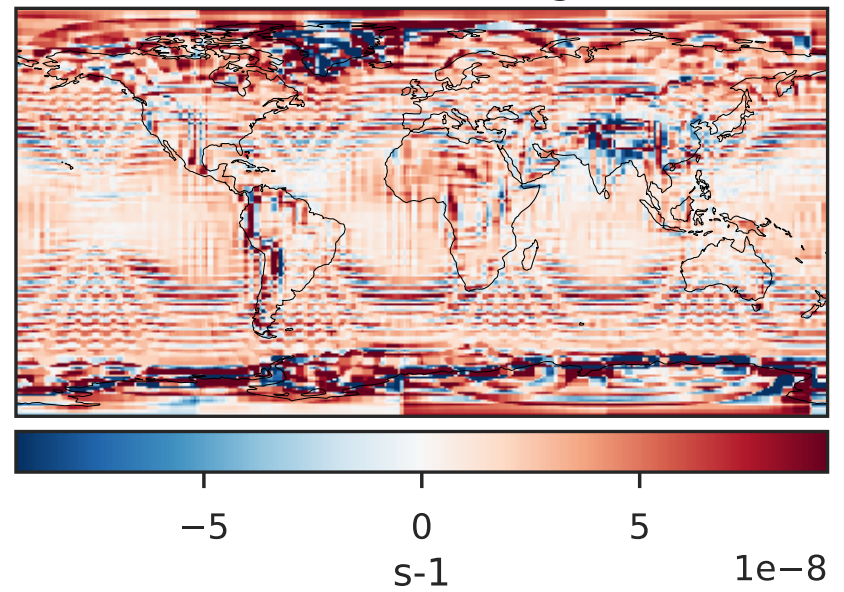
GCHP_14.2.0 (Dev)
c24



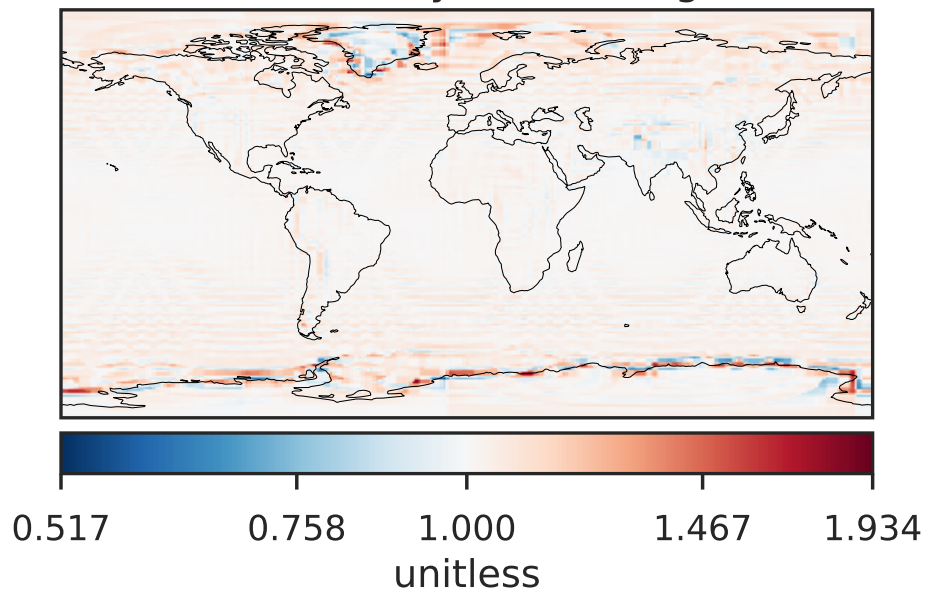
Difference (1x1.25)
Dev - Ref, Dynamic Range



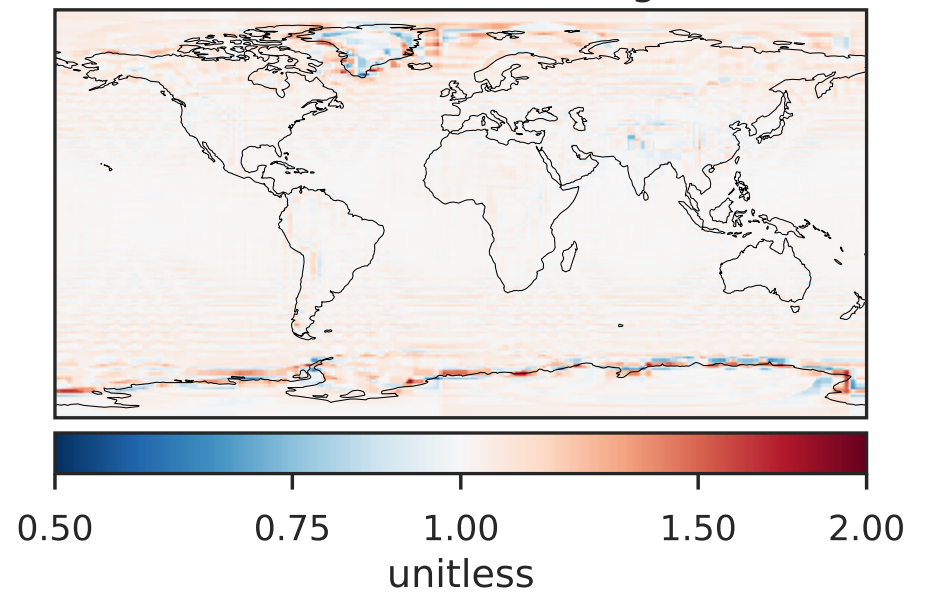
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

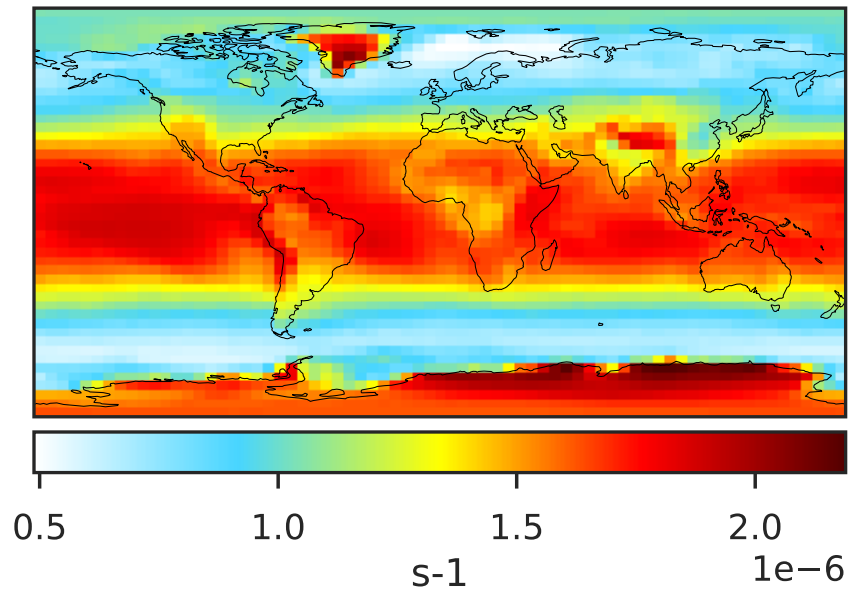


Ratio (1x1.25)
Dev/Ref, Fixed Range

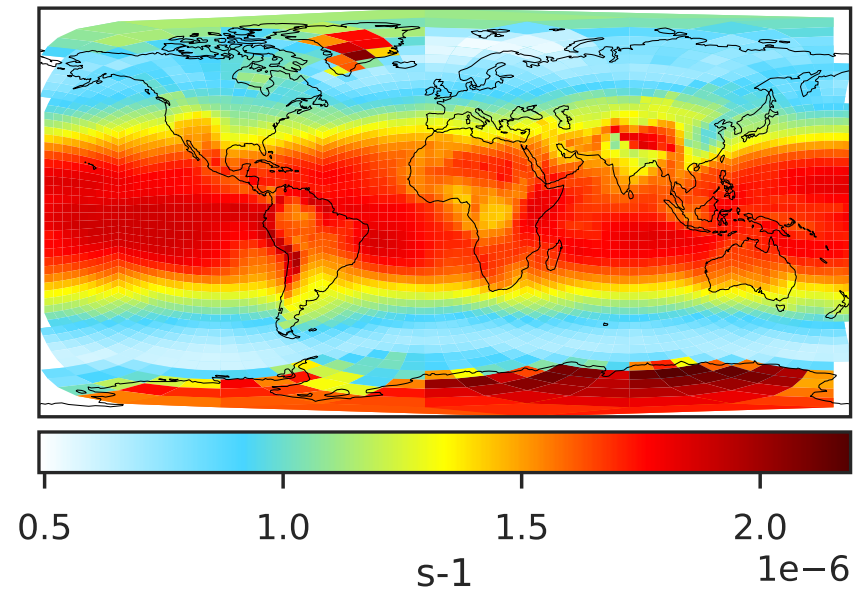


Jval_BZCO3H (AnnualMean)

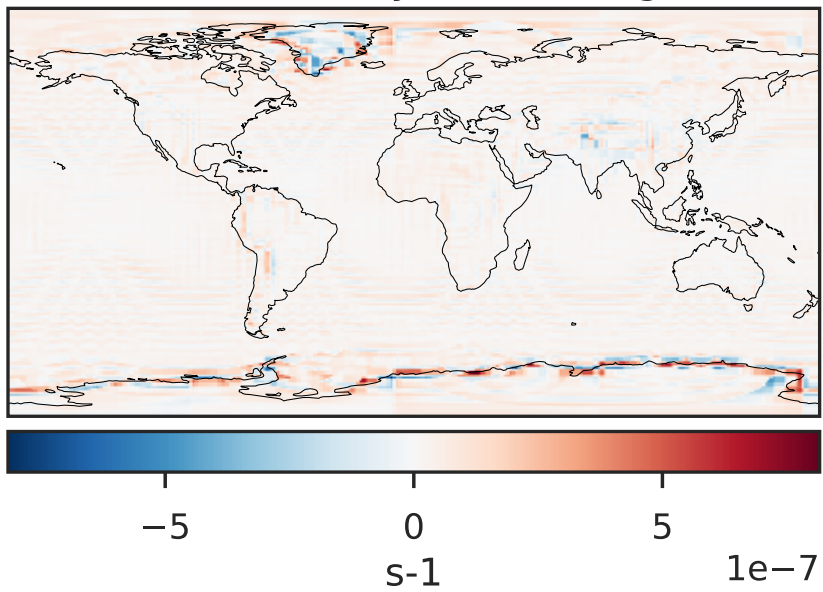
GCC_14.2.0 (Ref)
4.0x5.0



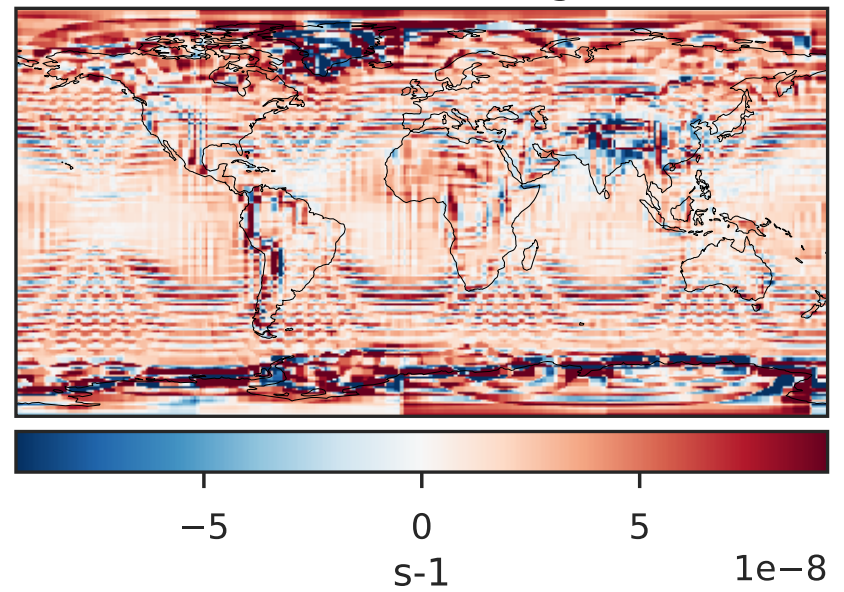
GCHP_14.2.0 (Dev)
c24



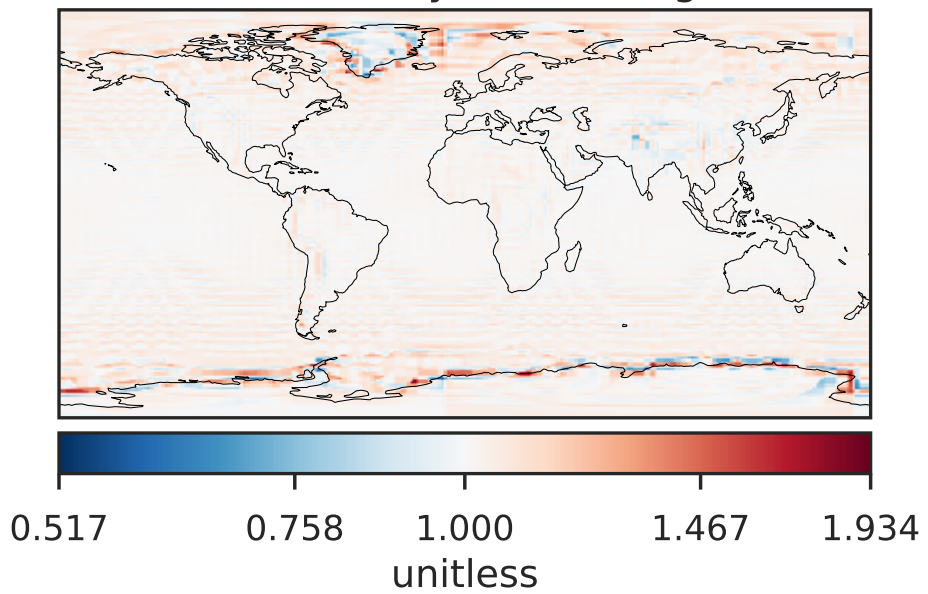
Difference (1x1.25)
Dev - Ref, Dynamic Range



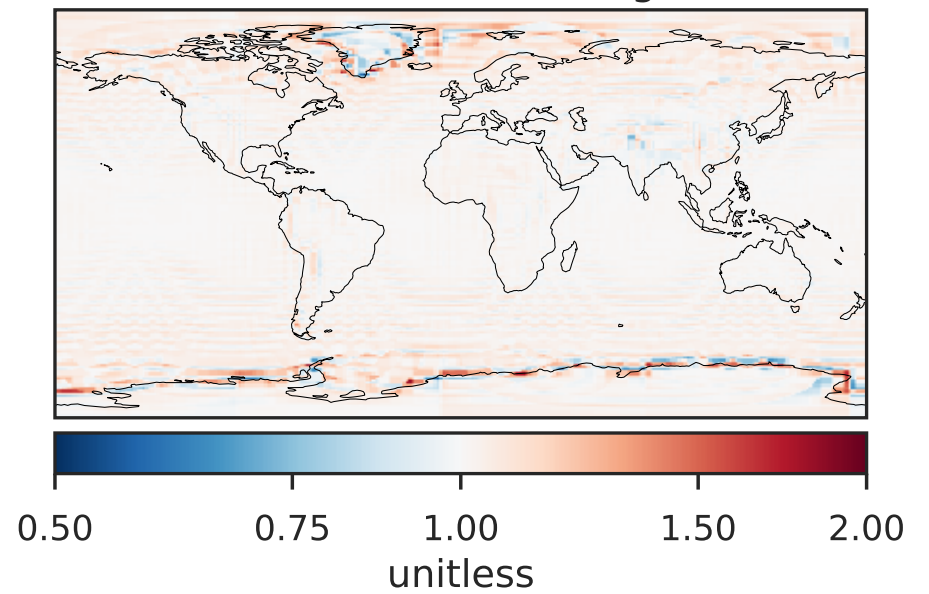
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

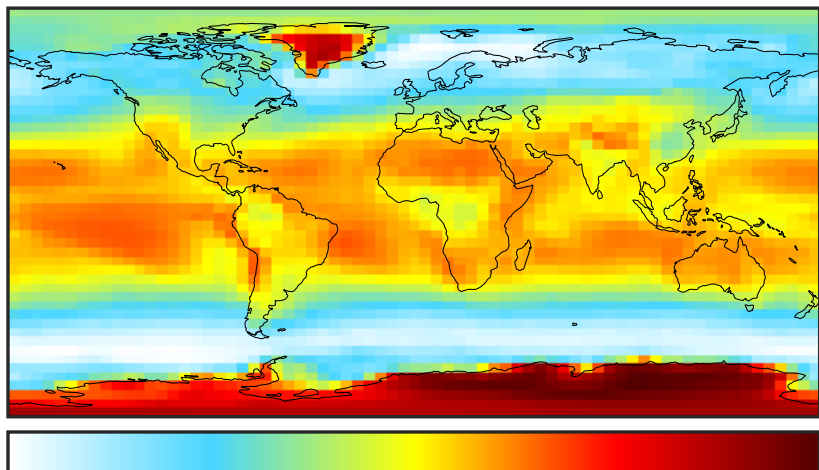


Ratio (1x1.25)
Dev/Ref, Fixed Range



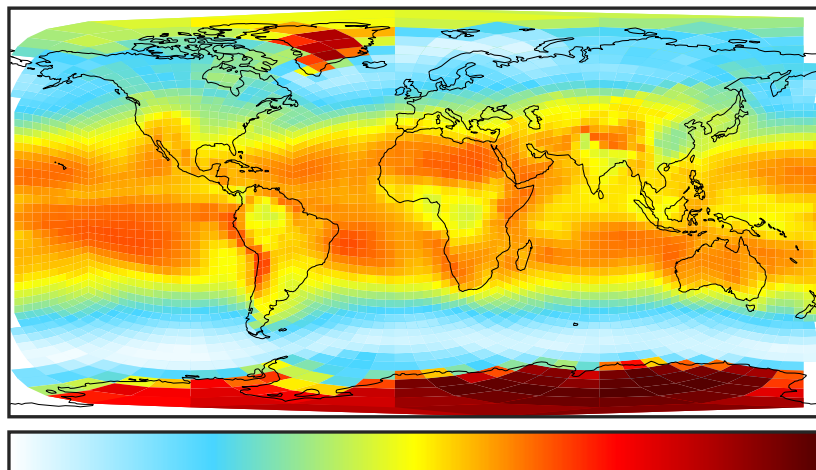
Jval_Br2 (AnnualMean)

GCC_14.2.0 (Ref)
4.0x5.0



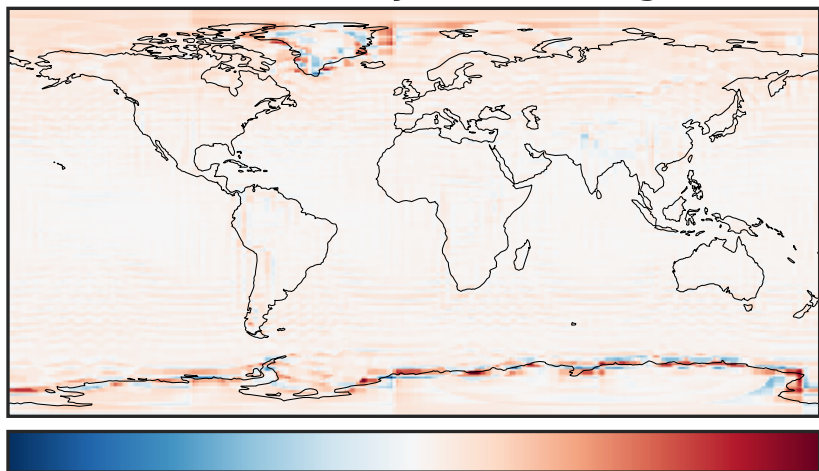
0.008 0.012 0.016
s-1

GCHP_14.2.0 (Dev)
c24



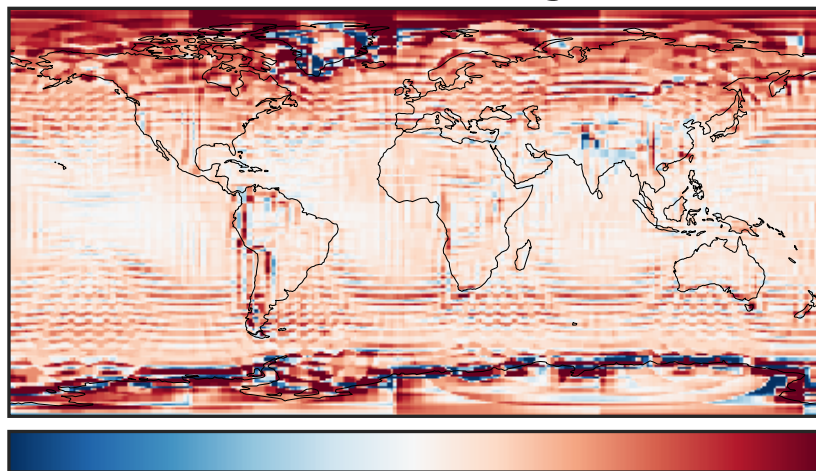
0.008 0.012 0.016
s-1

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



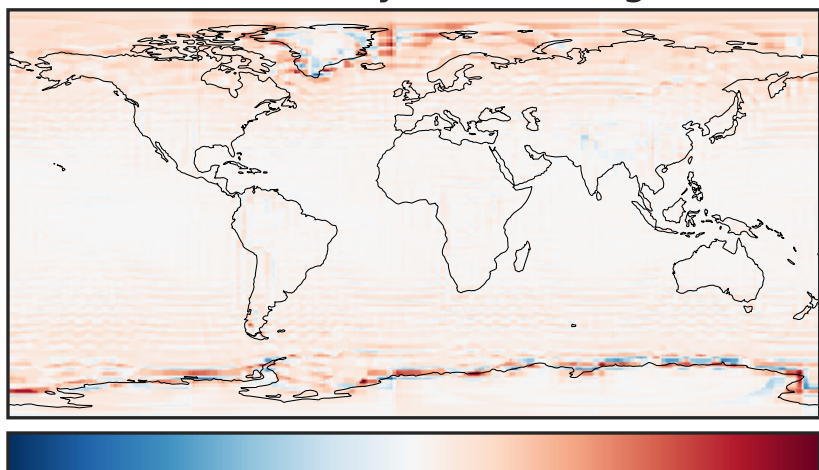
-0.004 0.000 0.004
s-1

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



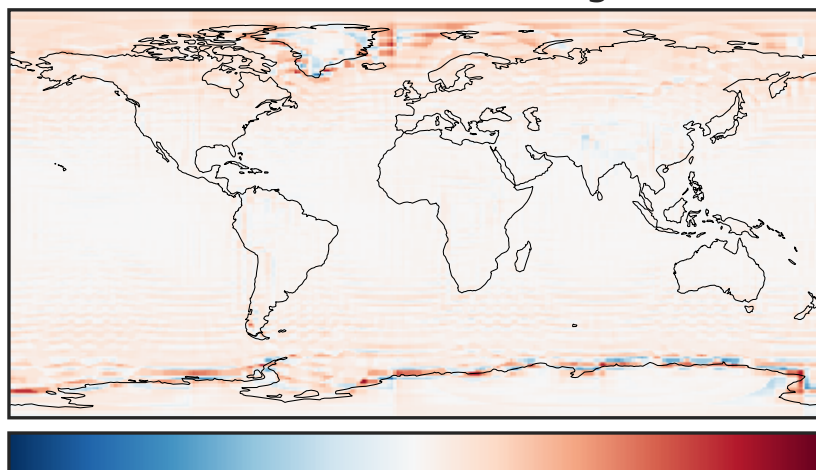
-0.0006 0.0000 0.0006
s-1

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



0.541 0.771 1.000 1.424 1.848
unitless

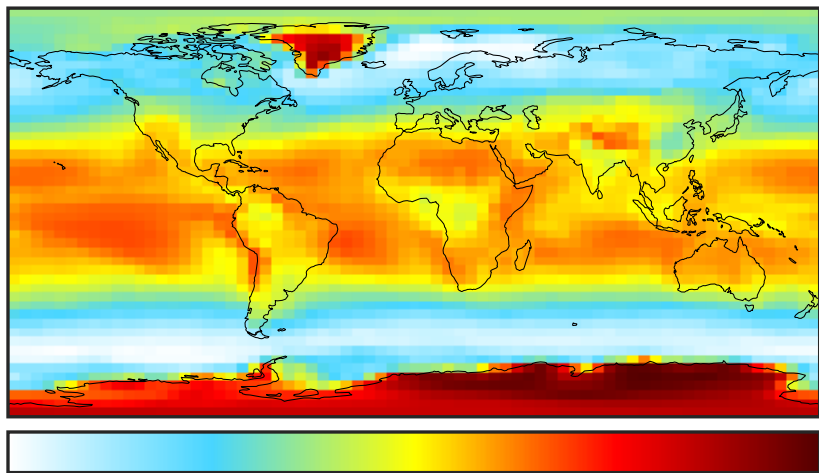
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

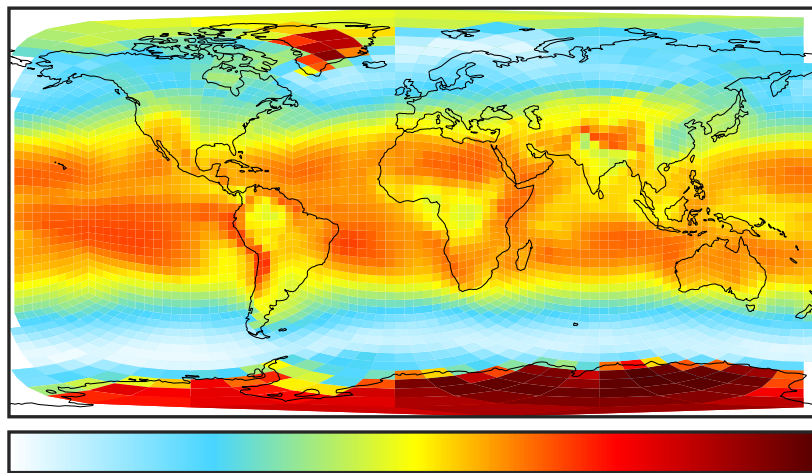
Jval_BrCl (AnnualMean)

GCC_14.2.0 (Ref)
4.0x5.0



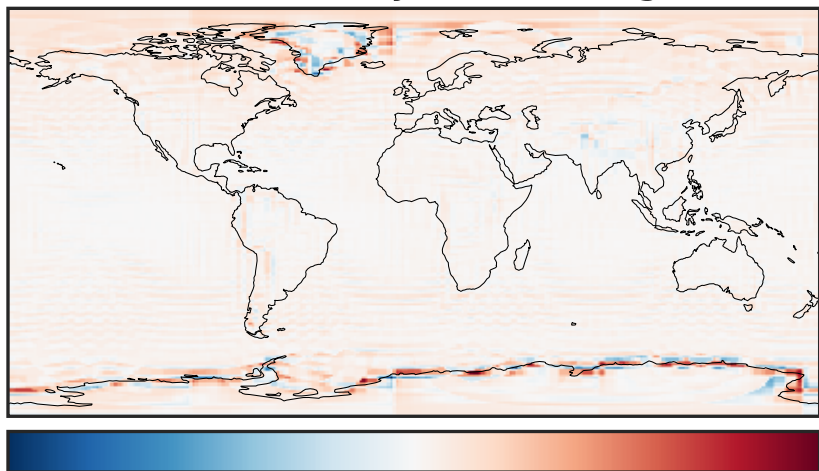
0.0015 0.0030 0.0045
s-1

GCHP_14.2.0 (Dev)
c24



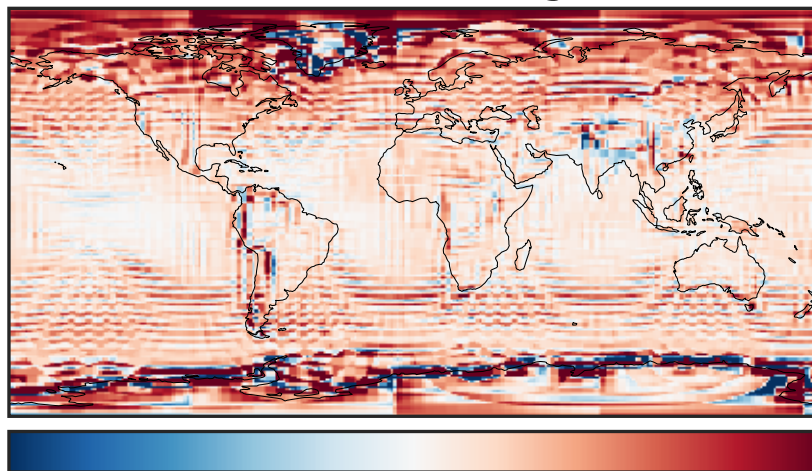
0.0015 0.0030 0.0045
s-1

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



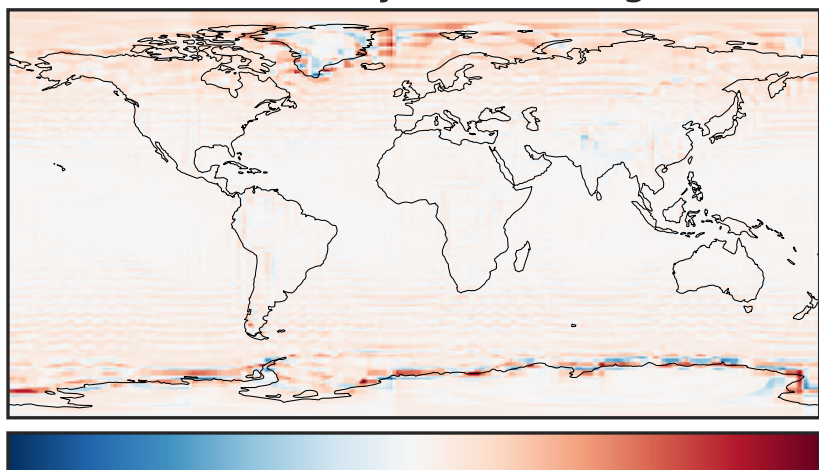
-0.001 0.000 0.001
s-1

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



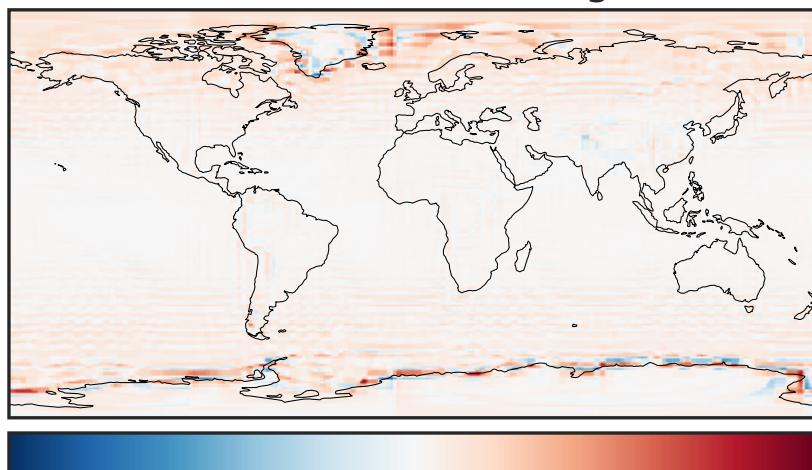
-0.0002 0.0000 0.0002
s-1

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



0.535 0.767 1.000 1.435 1.870
unitless

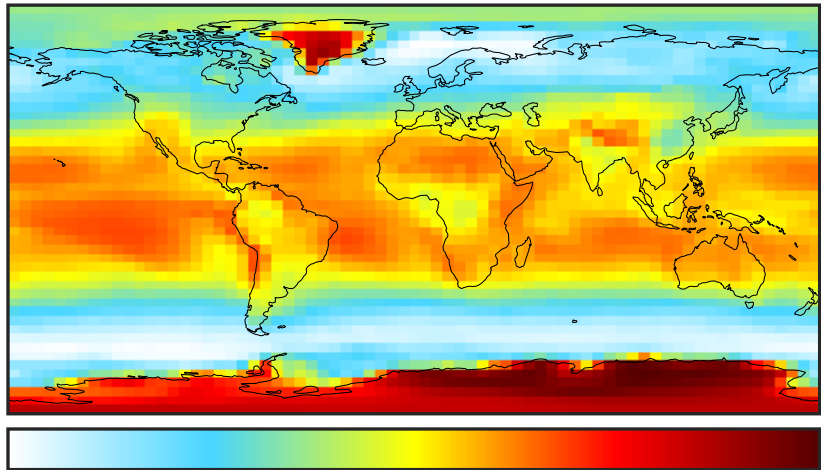
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

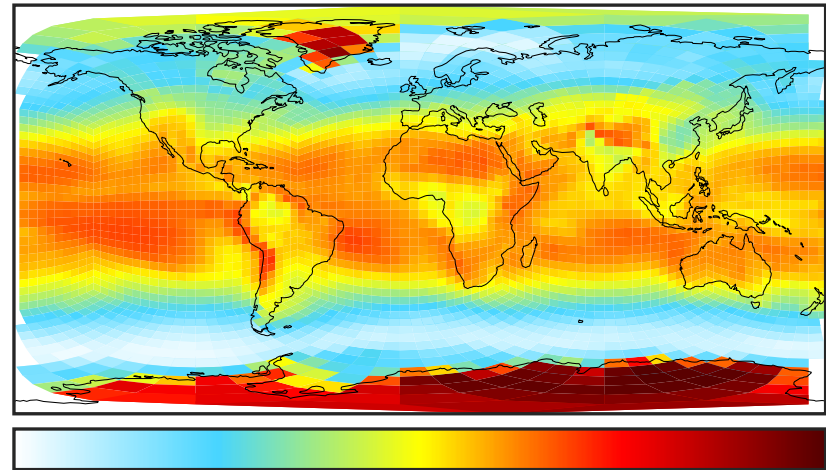
Jval_BrNO2 (AnnualMean)

GCC_14.2.0 (Ref)
4.0x5.0



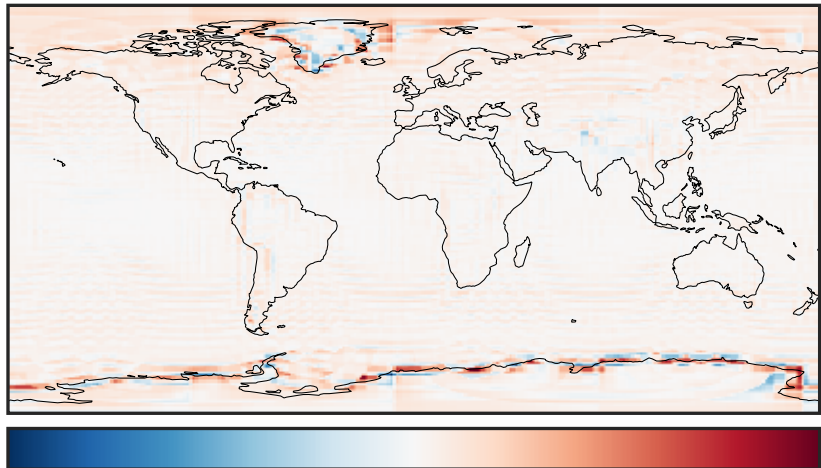
0.0016 0.0024 0.0032
s-1

GCHP_14.2.0 (Dev)
c24



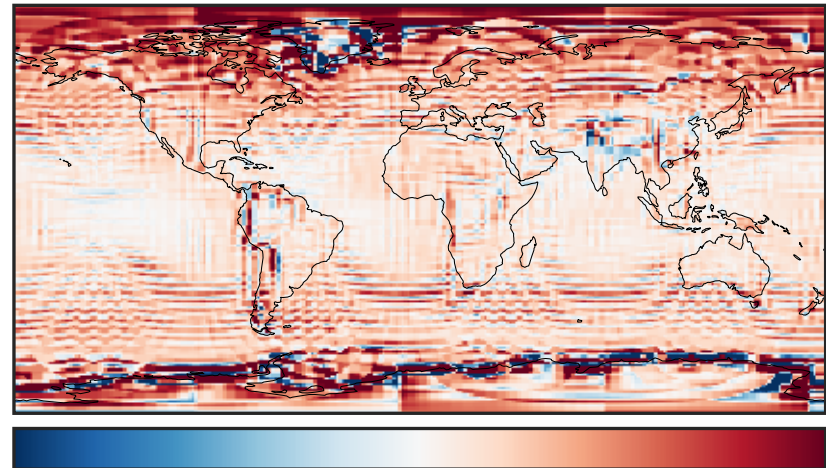
0.0016 0.0024 0.0032
s-1

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



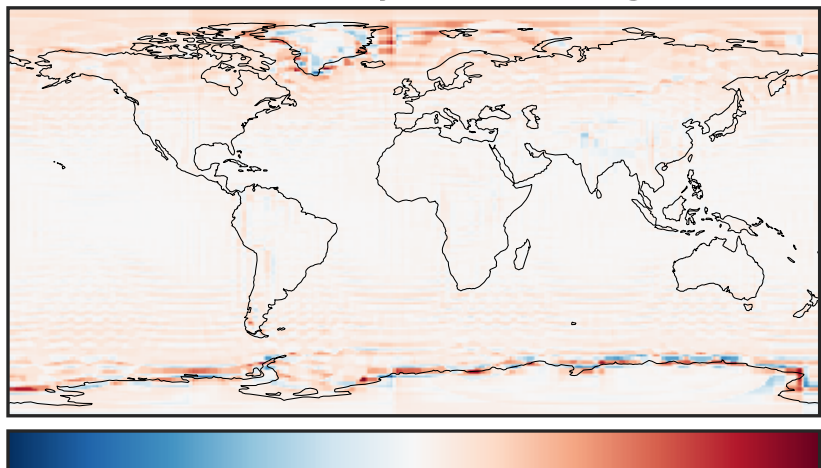
-0.0008 0.0000 0.0008
s-1

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



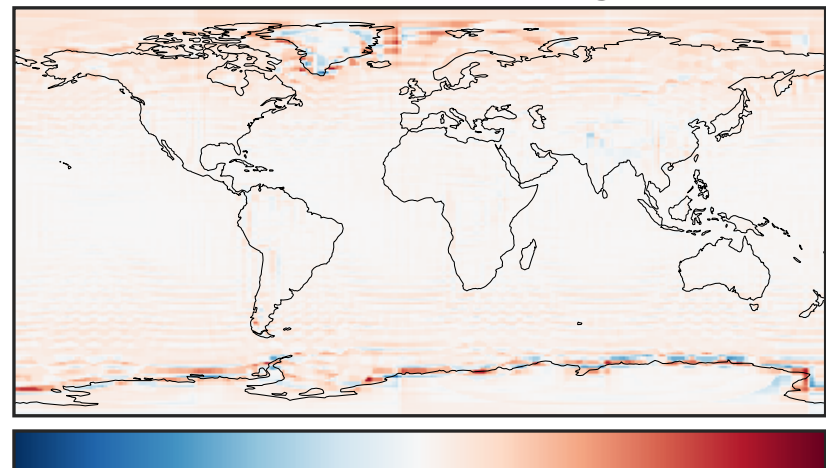
-0.0001 0.0000 0.0001
s-1

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



0.535 0.767 1.000 1.435 1.869
unitless

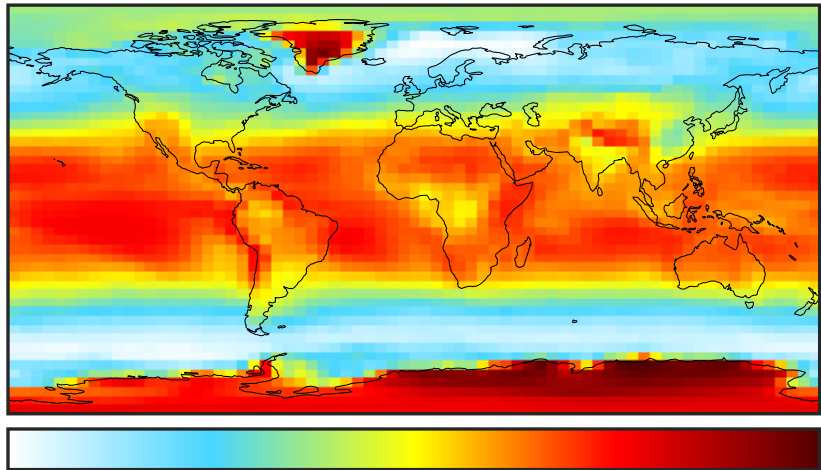
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

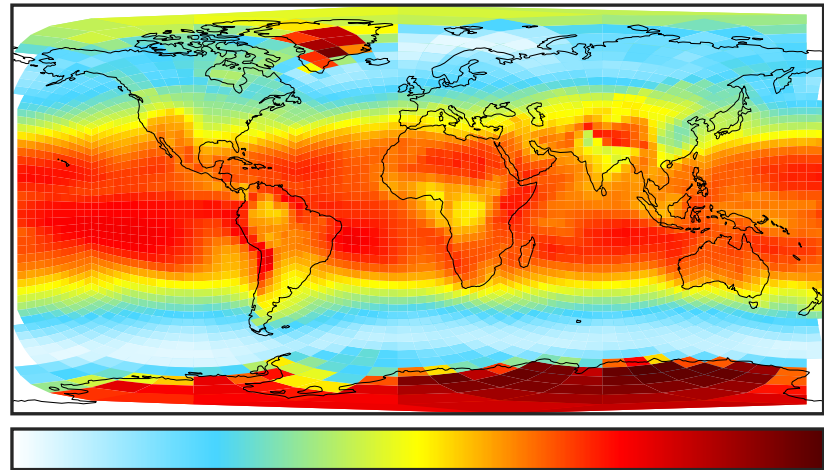
Jval_BrNO3 (AnnualMean)

GCC_14.2.0 (Ref)
4.0x5.0



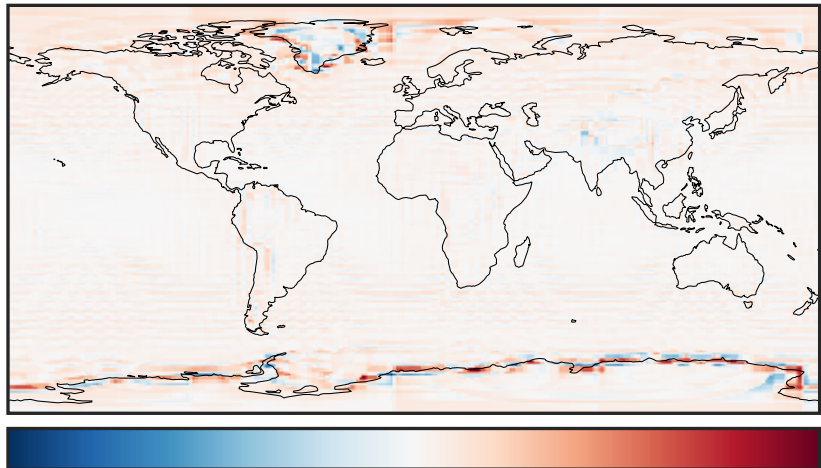
0.00030 0.00045 0.00060
s-1

GCHP_14.2.0 (Dev)
c24



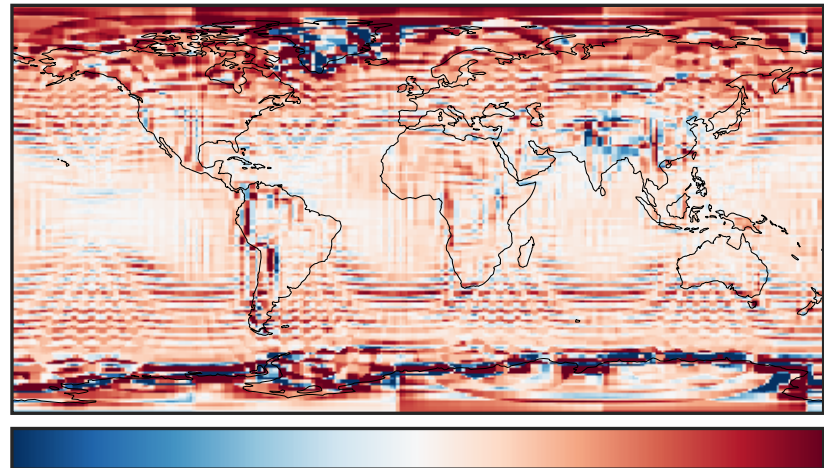
0.00030 0.00045 0.00060
s-1

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



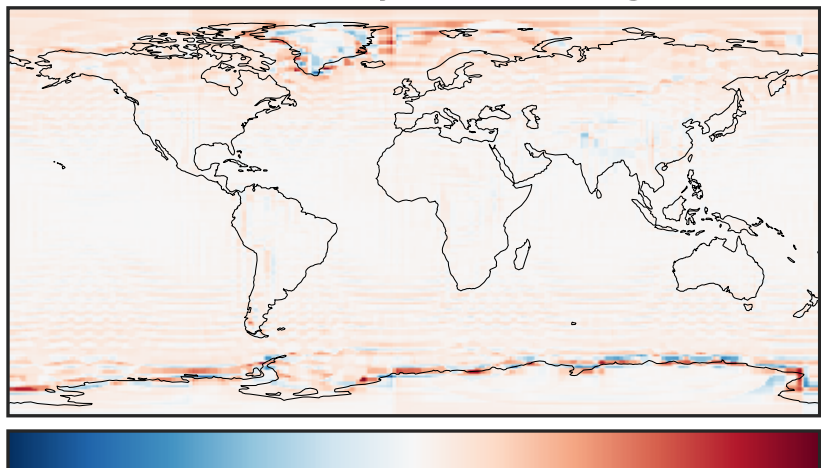
-0.00015 0.00000 0.00015
s-1

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



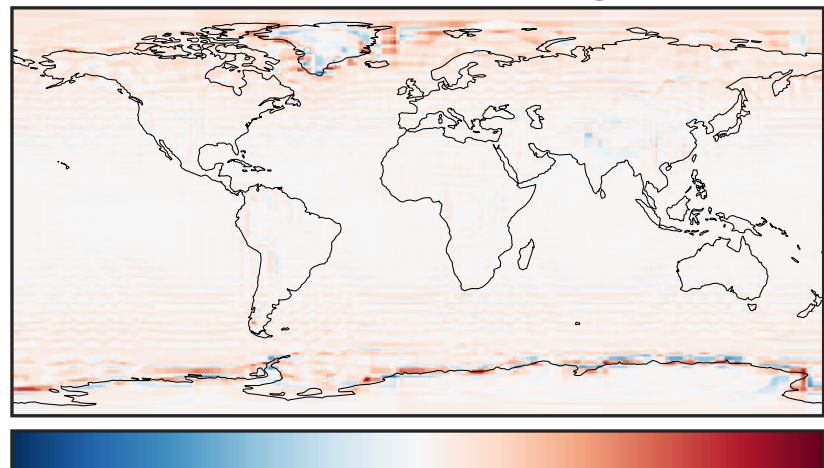
-2 0 2
s-1 1e-5

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



0.532 0.766 1.000 1.440 1.879
unitless

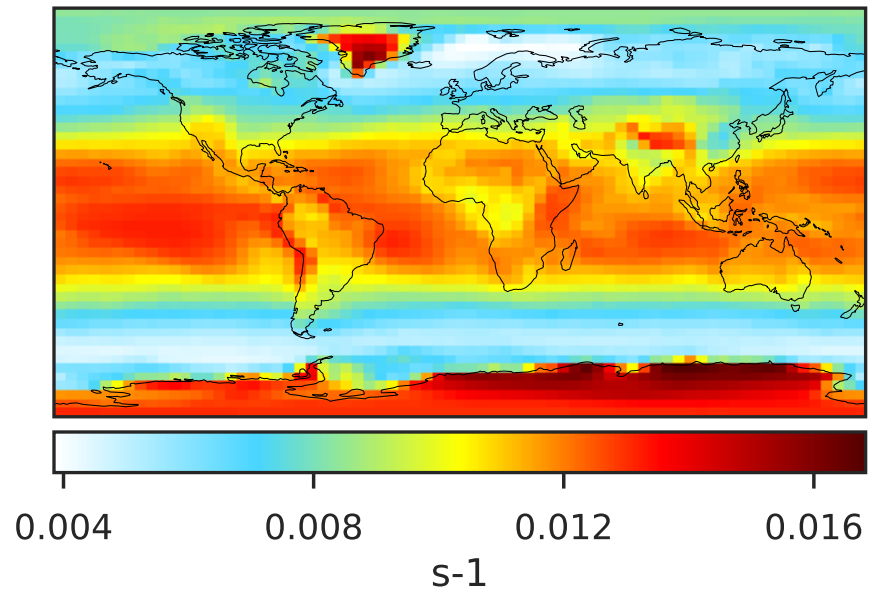
Ratio (1x1.25)
Dev/Ref, Fixed Range



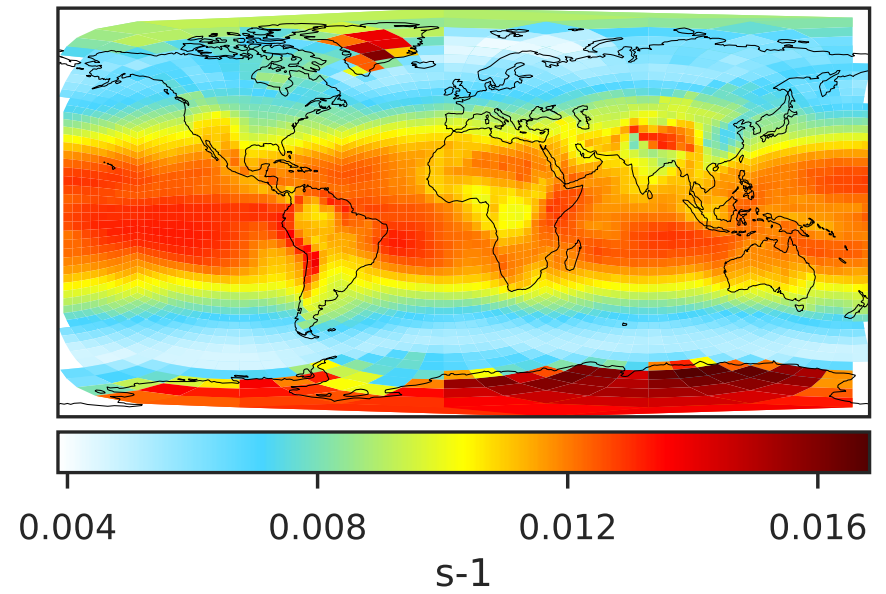
0.50 0.75 1.00 1.50 2.00
unitless

Jval_BrO (AnnualMean)

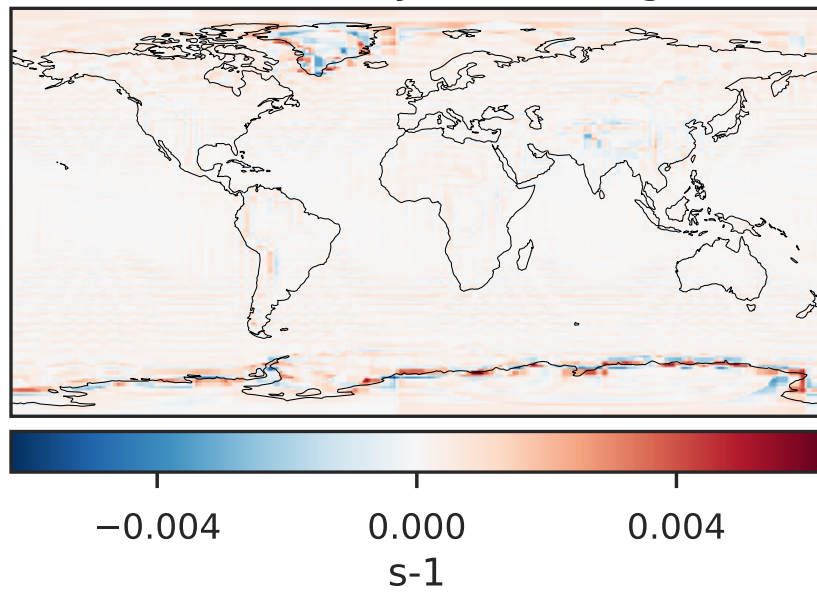
GCC_14.2.0 (Ref)
4.0x5.0



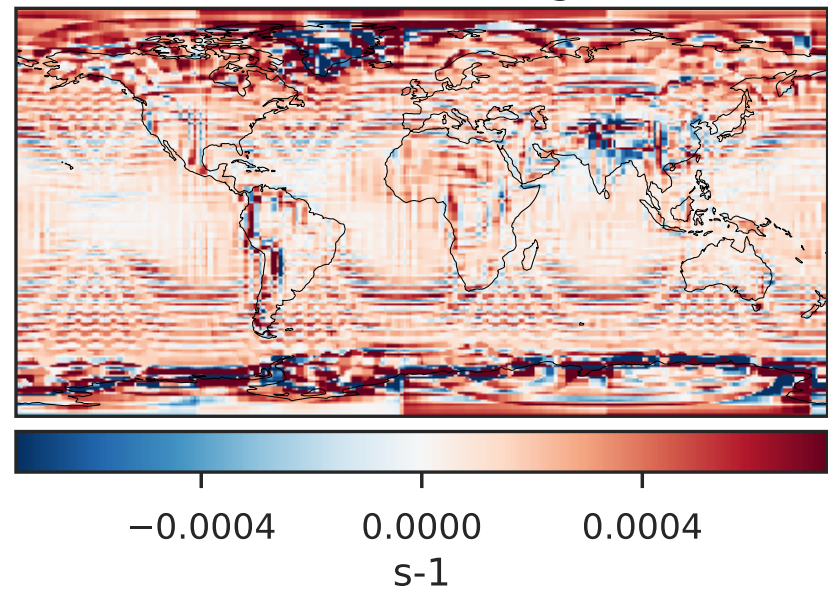
GCHP_14.2.0 (Dev)
c24



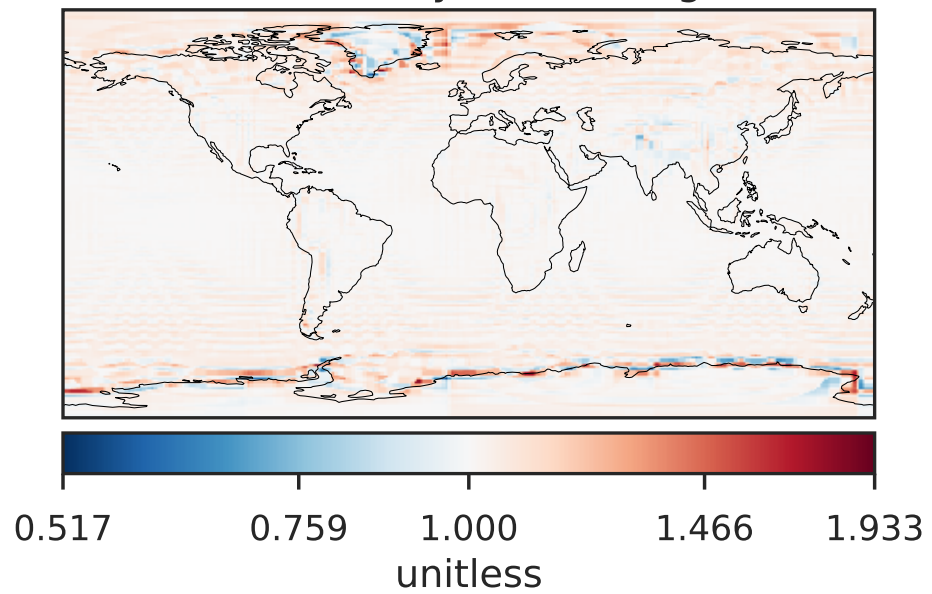
Difference (1x1.25)
Dev - Ref, Dynamic Range



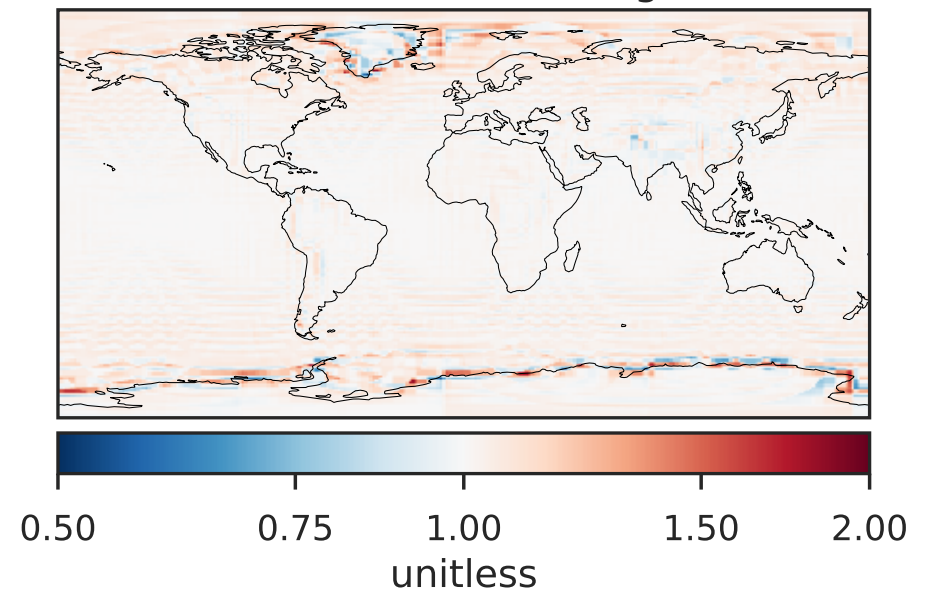
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

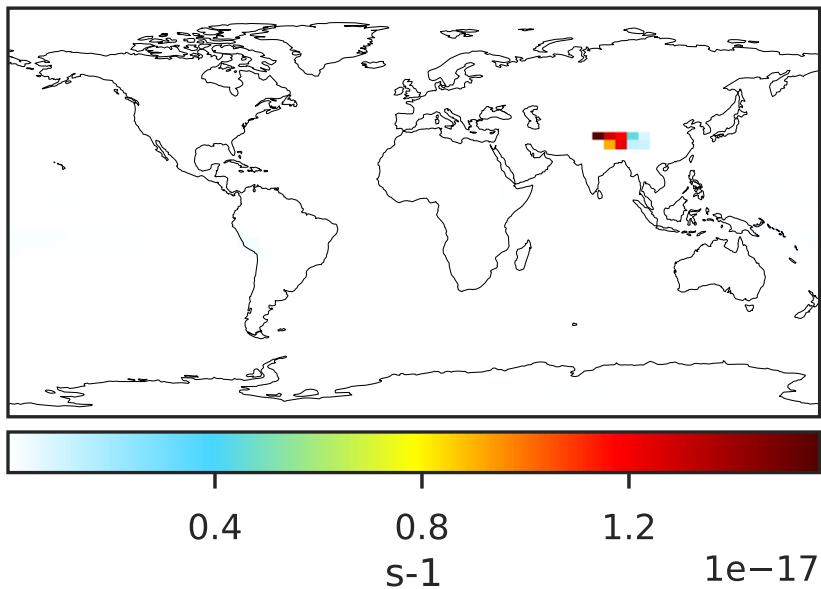


Ratio (1x1.25)
Dev/Ref, Fixed Range

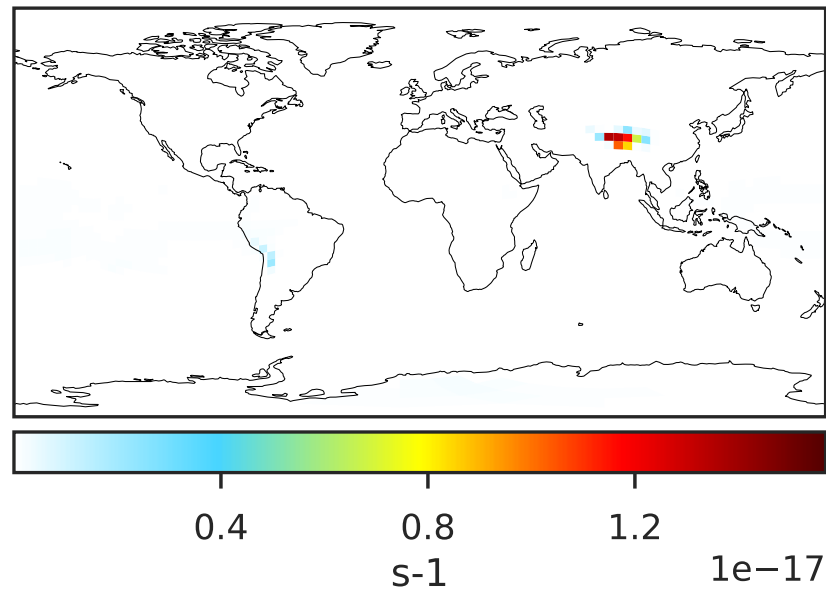


Jval_CCl4 (AnnualMean)

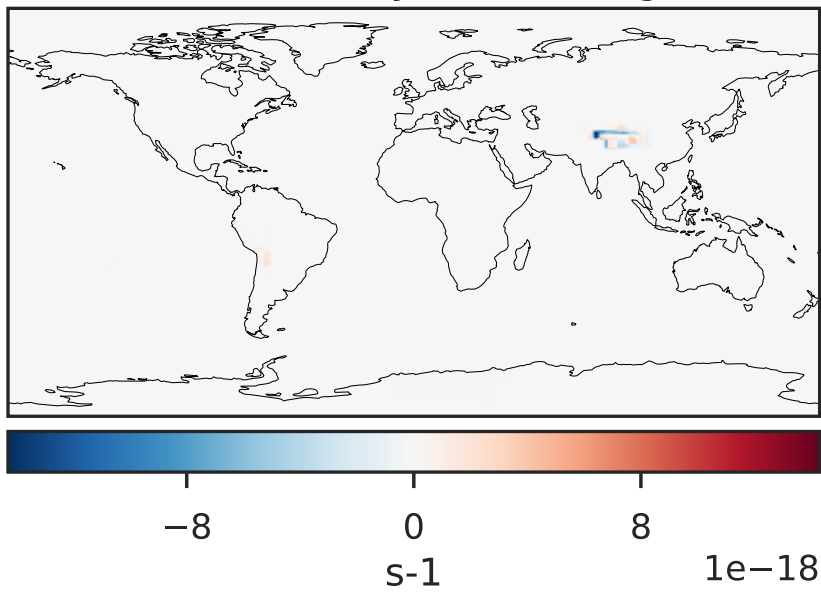
GCC_14.2.0 (Ref)
4.0x5.0



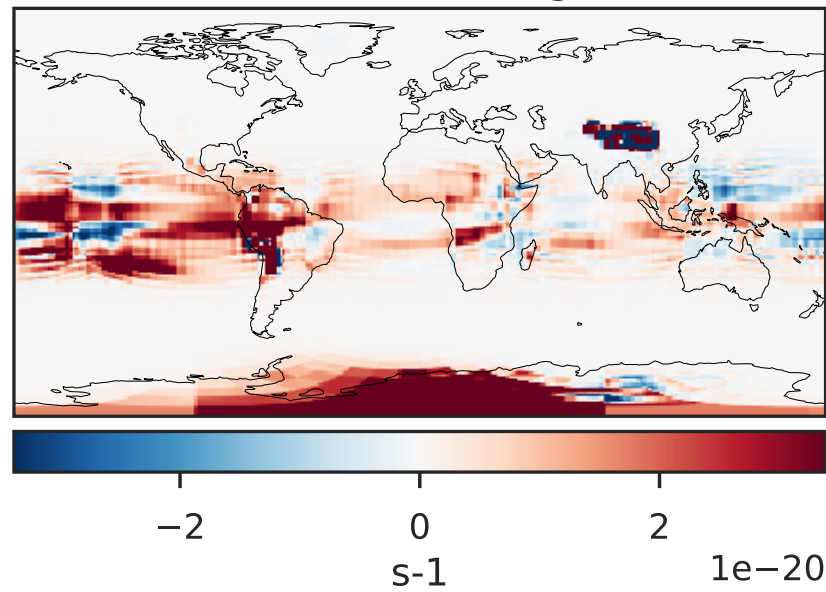
GCHP_14.2.0 (Dev)
c24



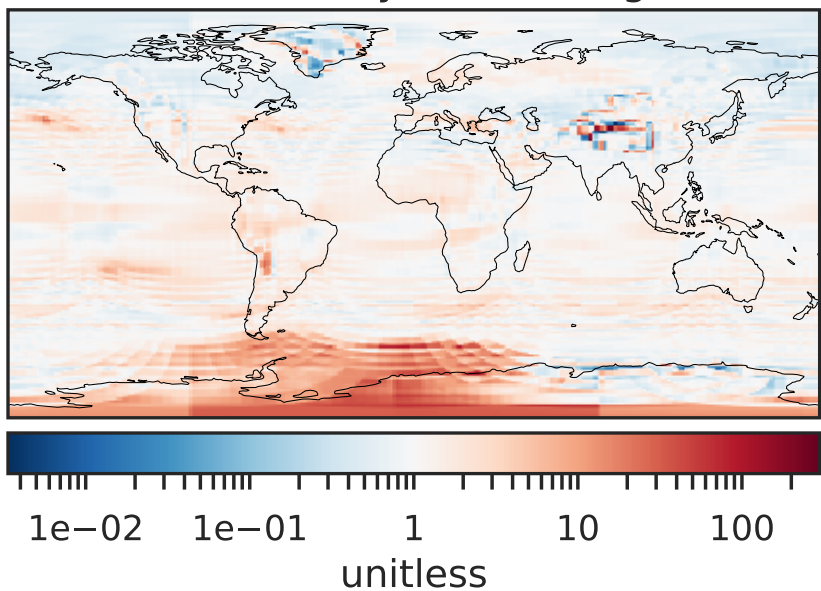
Difference (1x1.25)
Dev - Ref, Dynamic Range



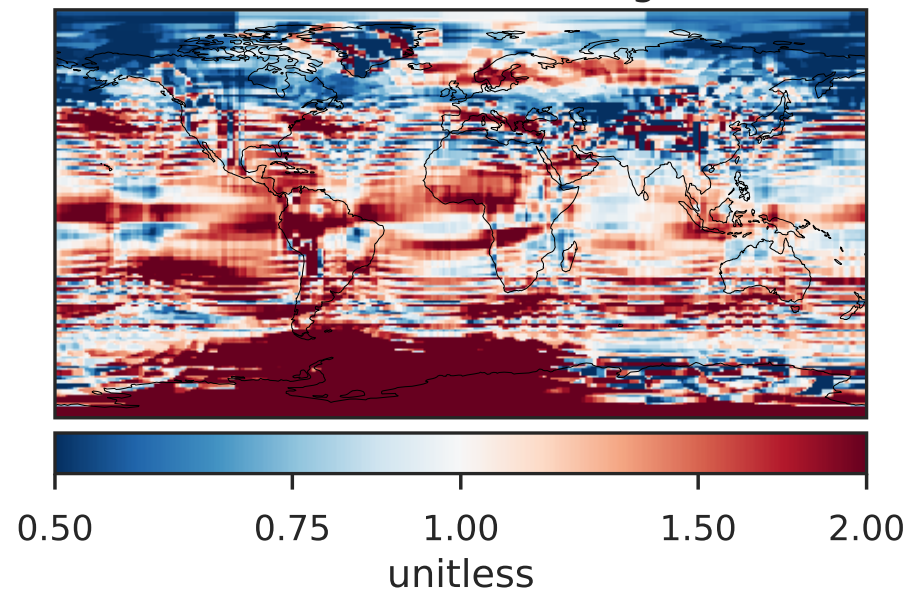
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

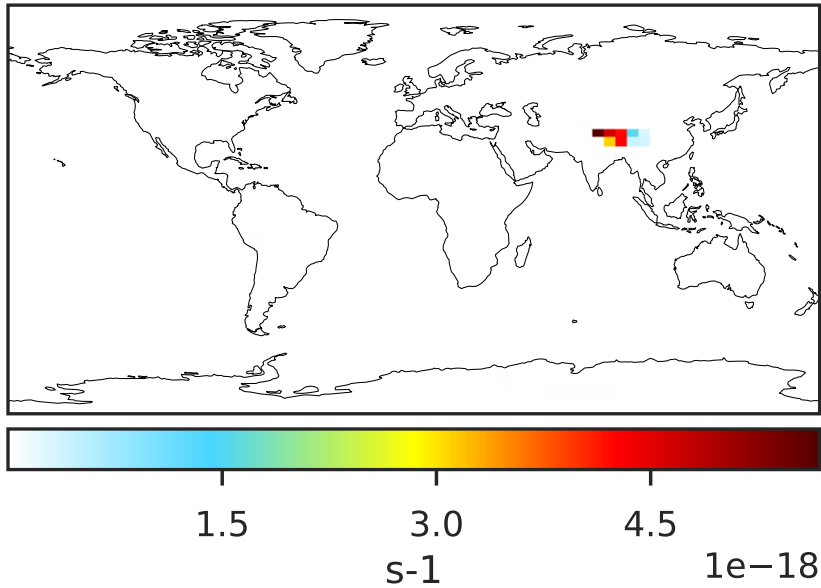


Ratio (1x1.25)
Dev/Ref, Fixed Range

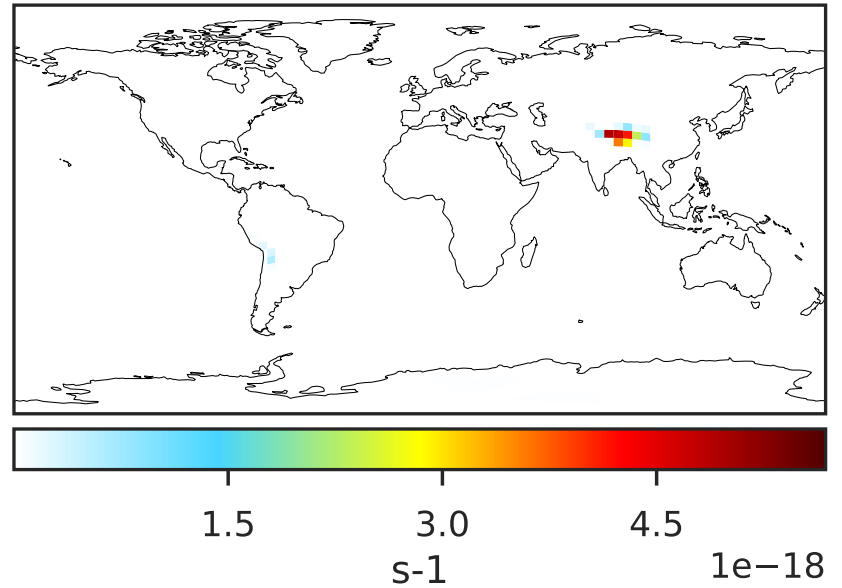


Jval_CFC11 (AnnualMean)

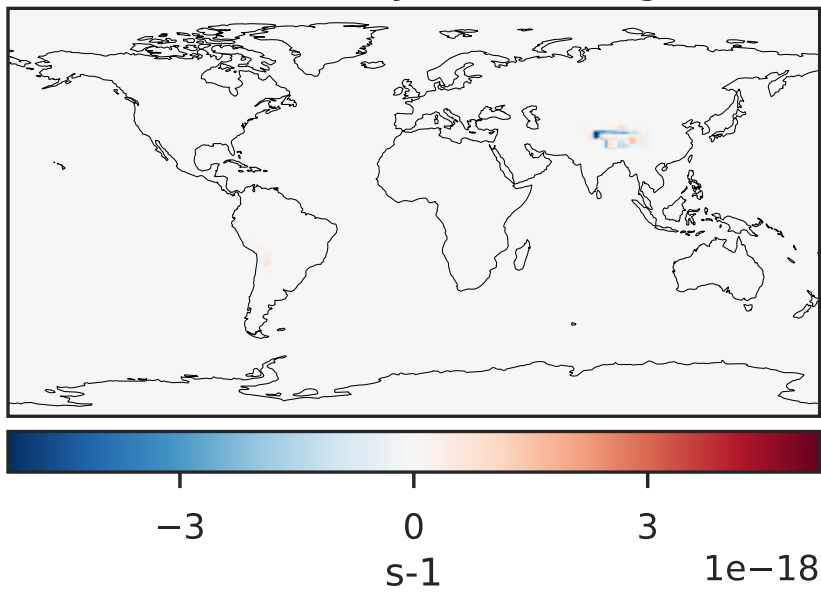
GCC_14.2.0 (Ref)
4.0x5.0



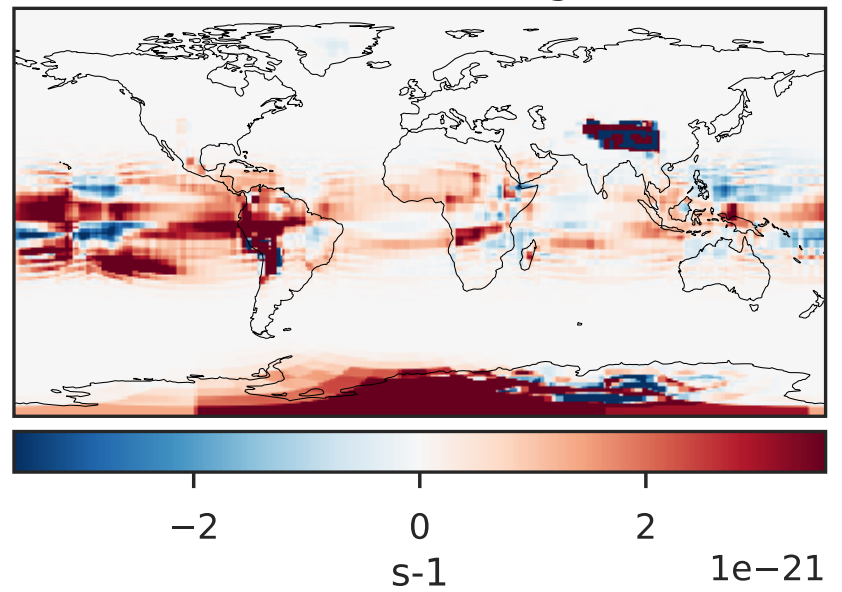
GCHP_14.2.0 (Dev)
c24



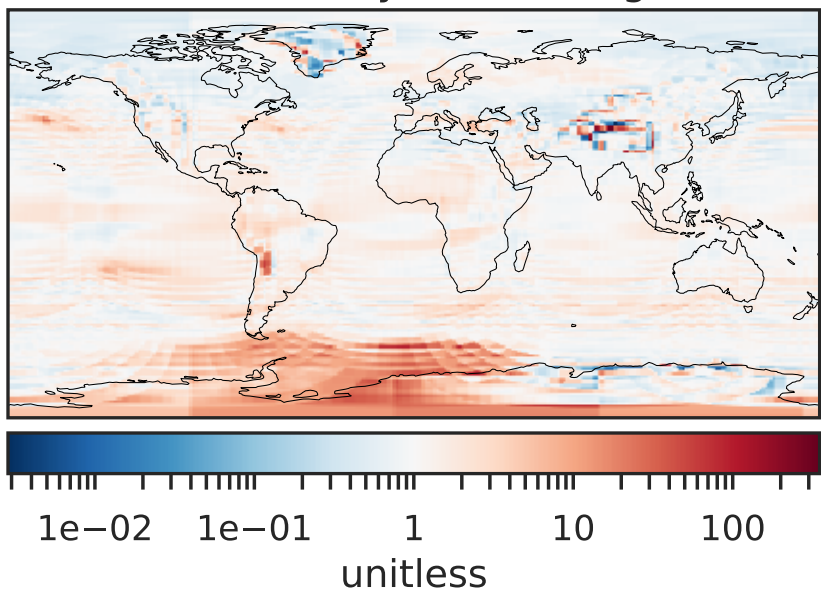
Difference (1x1.25)
Dev - Ref, Dynamic Range



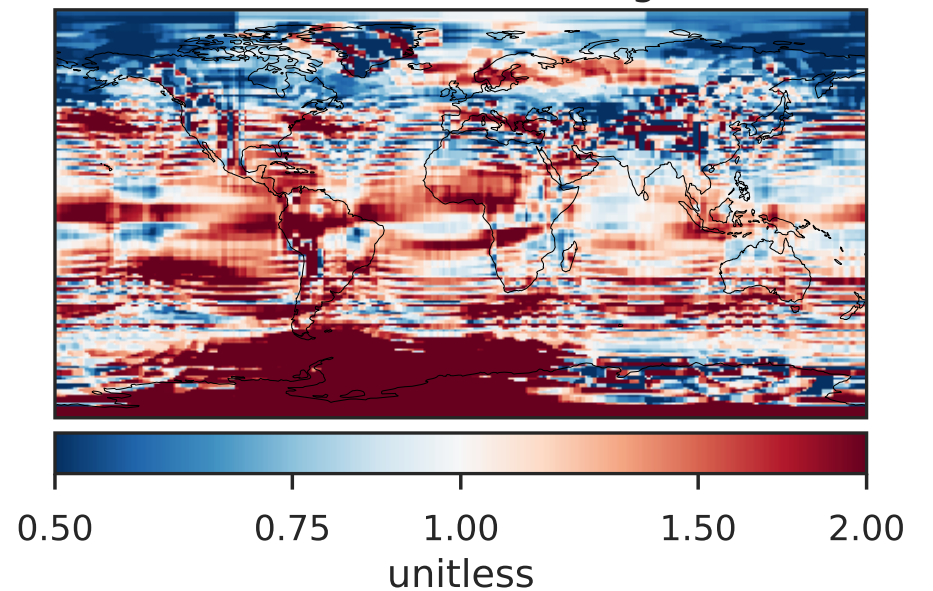
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

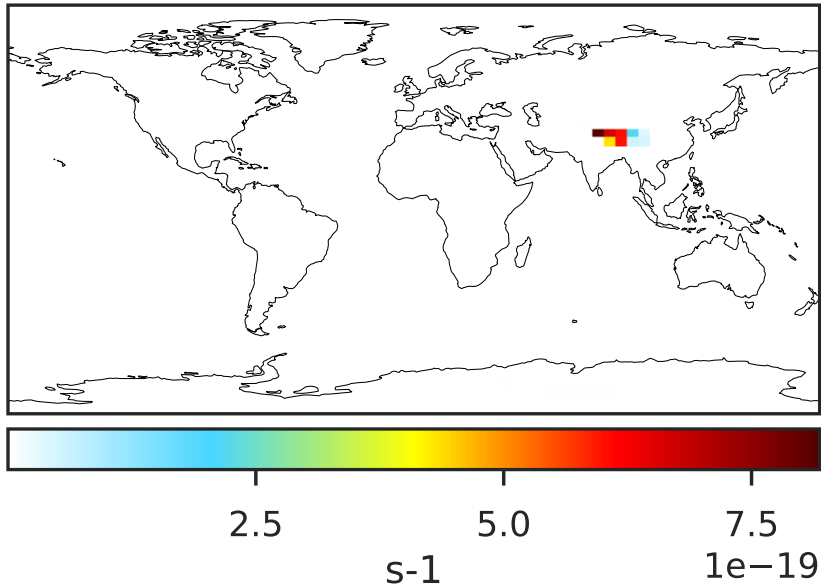


Ratio (1x1.25)
Dev/Ref, Fixed Range

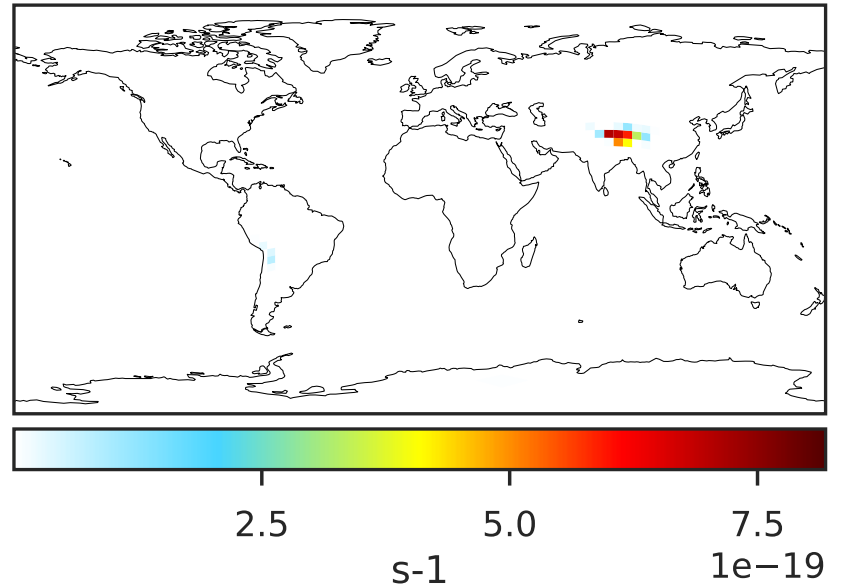


Jval_CFC113 (AnnualMean)

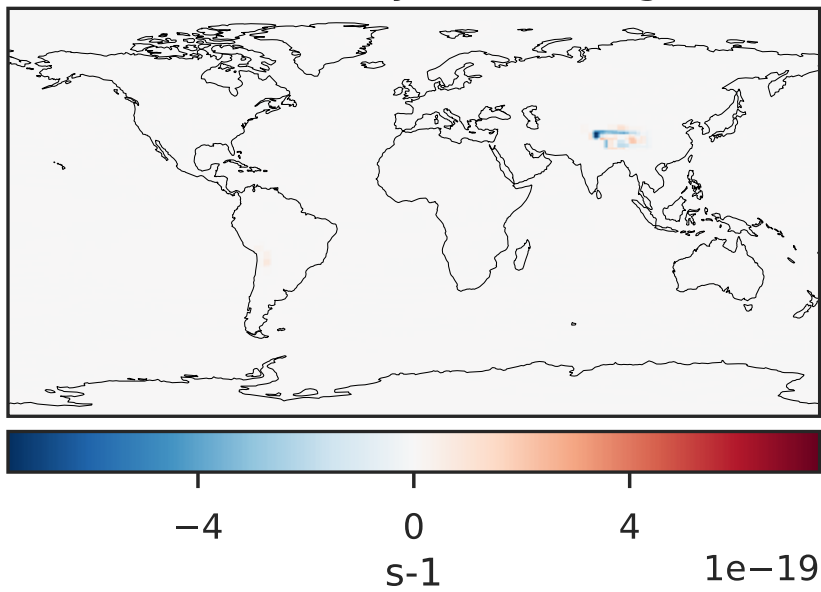
GCC_14.2.0 (Ref)
4.0x5.0



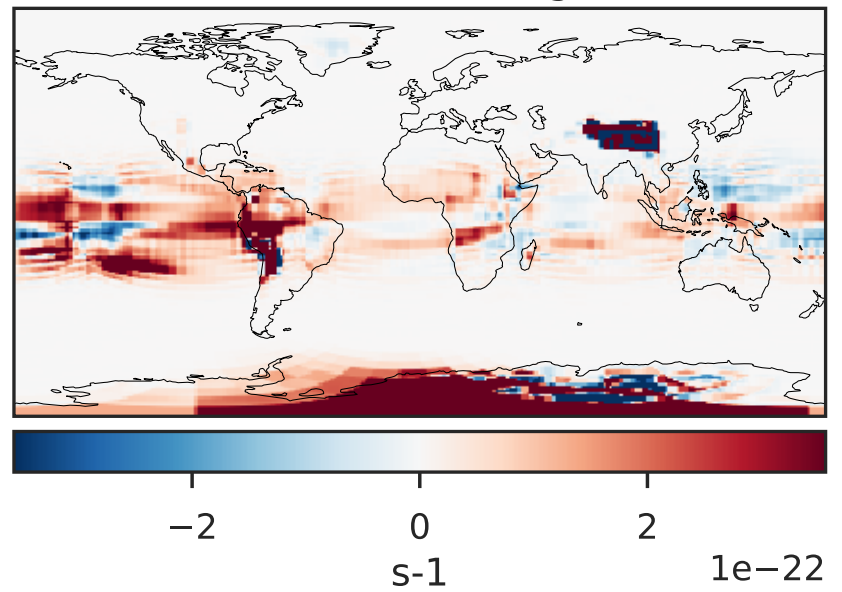
GCHP_14.2.0 (Dev)
c24



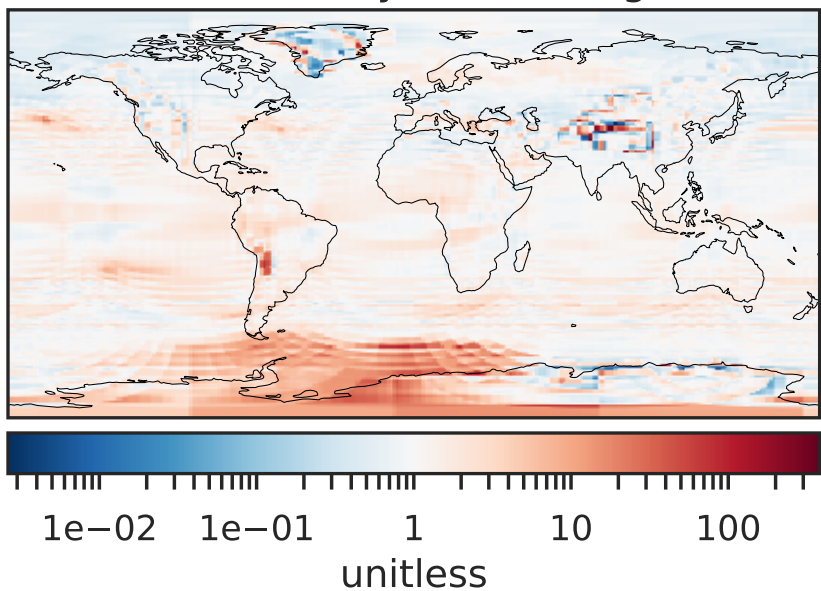
Difference (1x1.25)
Dev - Ref, Dynamic Range



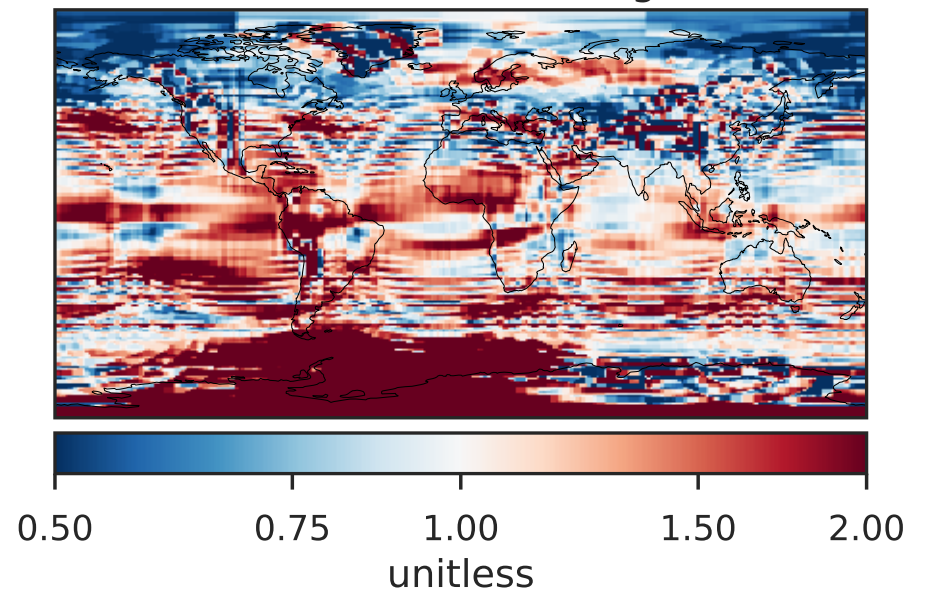
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

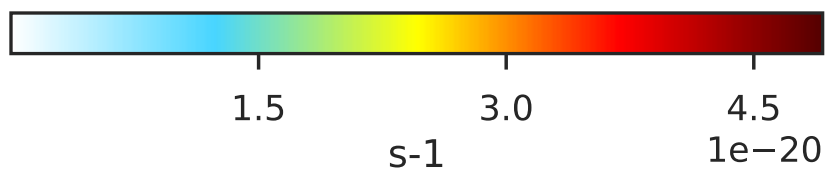
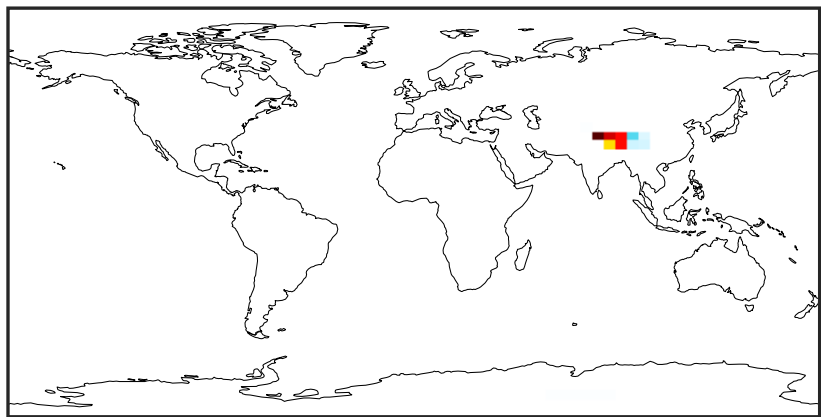


Ratio (1x1.25)
Dev/Ref, Fixed Range

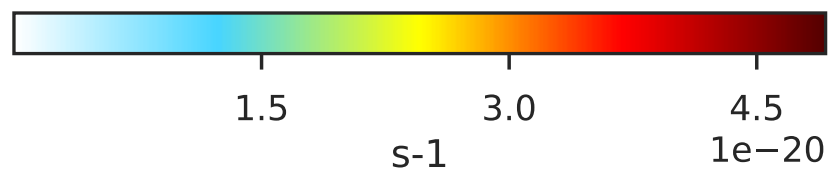
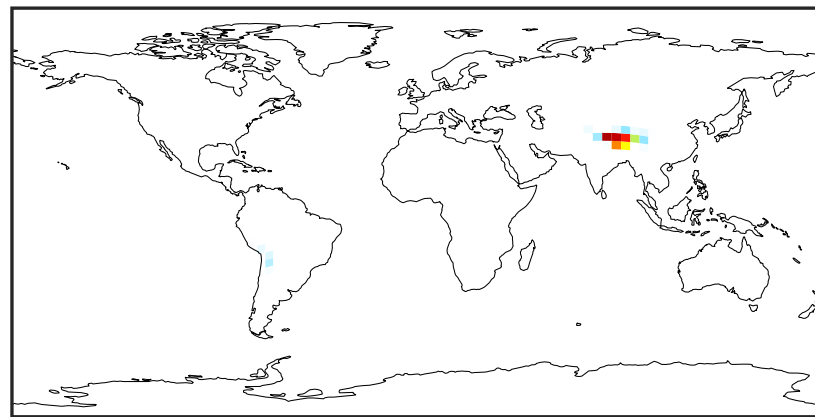


Jval_CFC114 (AnnualMean)

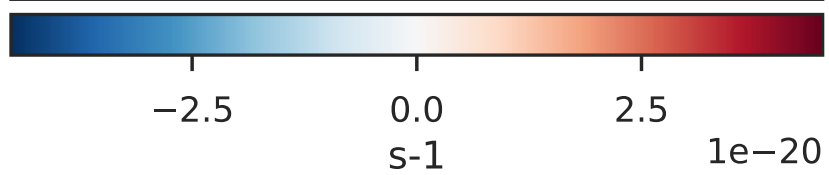
GCC_14.2.0 (Ref)
4.0x5.0



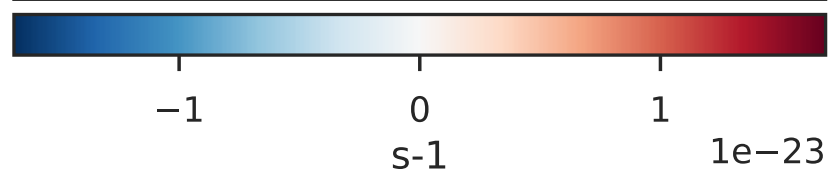
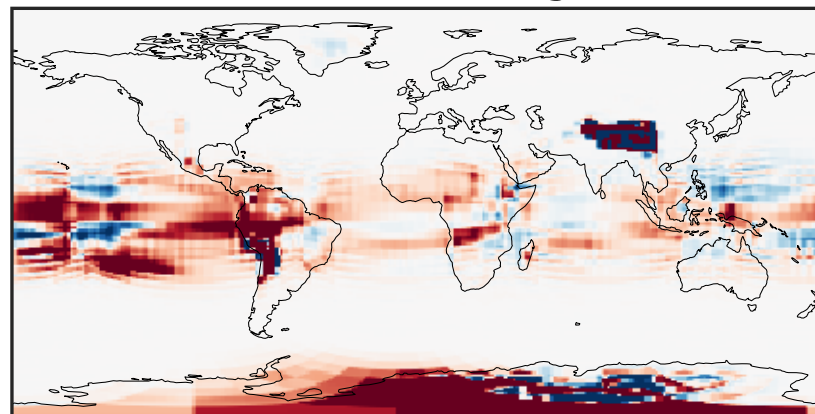
GCHP_14.2.0 (Dev)
c24



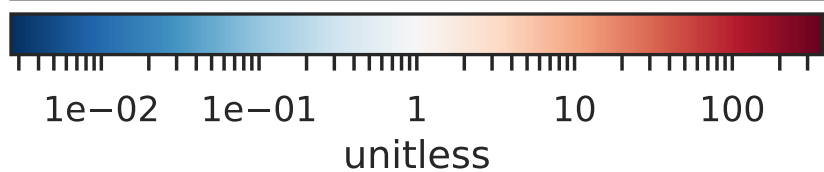
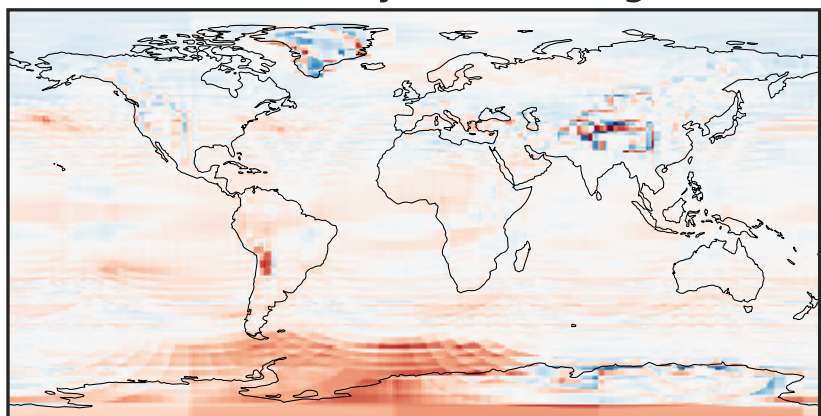
Difference (1x1.25)
Dev - Ref, Dynamic Range



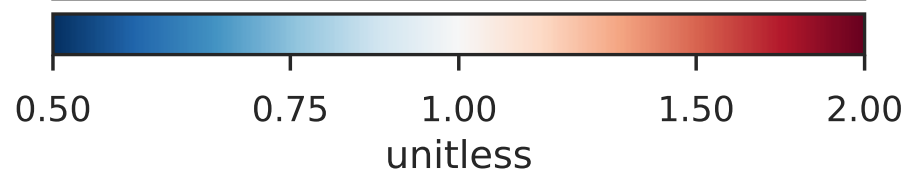
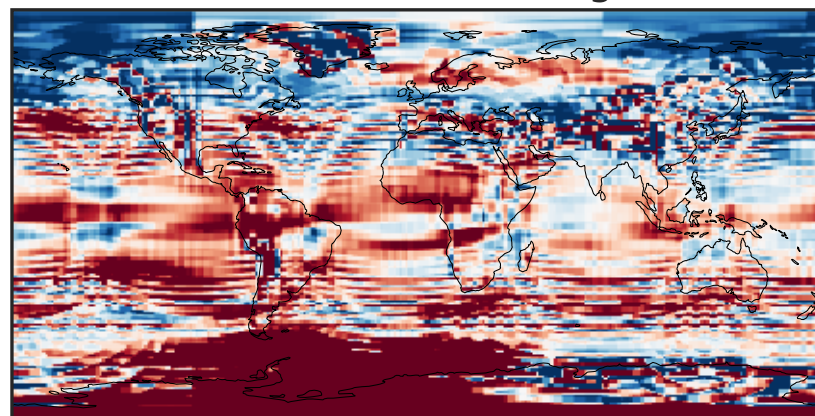
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

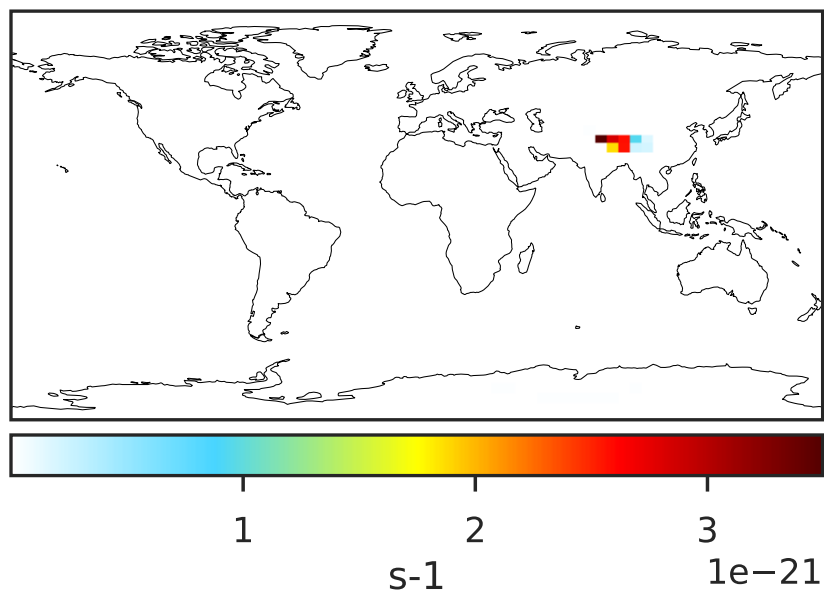


Ratio (1x1.25)
Dev/Ref, Fixed Range

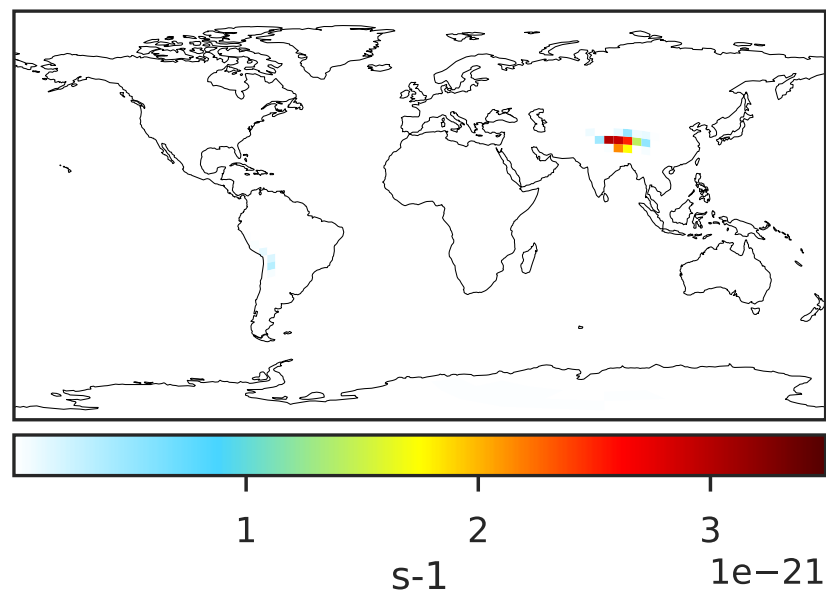


Jval_CFC115 (AnnualMean)

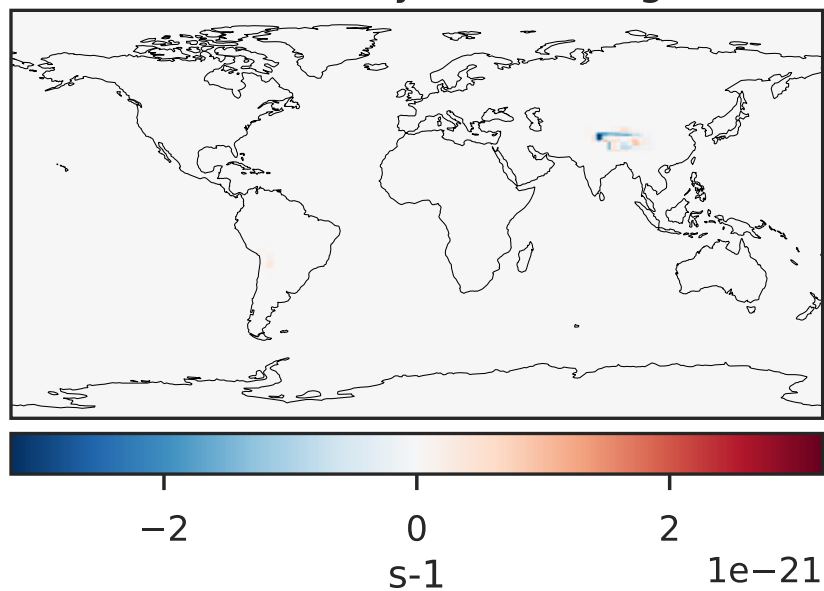
GCC_14.2.0 (Ref)
4.0x5.0



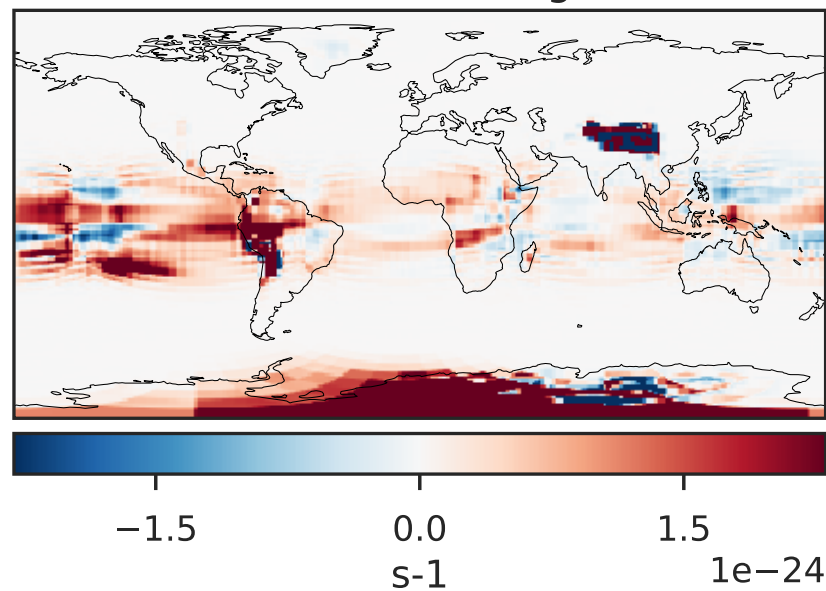
GCHP_14.2.0 (Dev)
c24



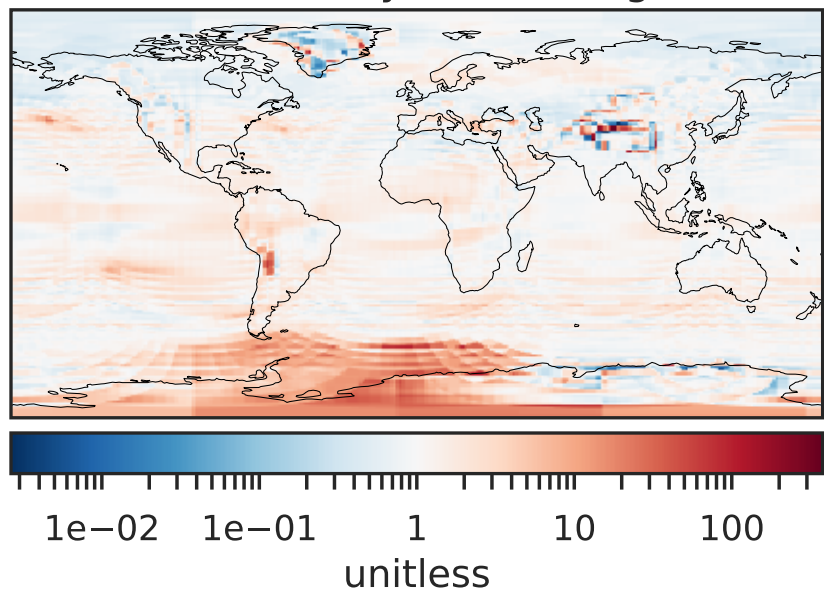
Difference (1x1.25)
Dev - Ref, Dynamic Range



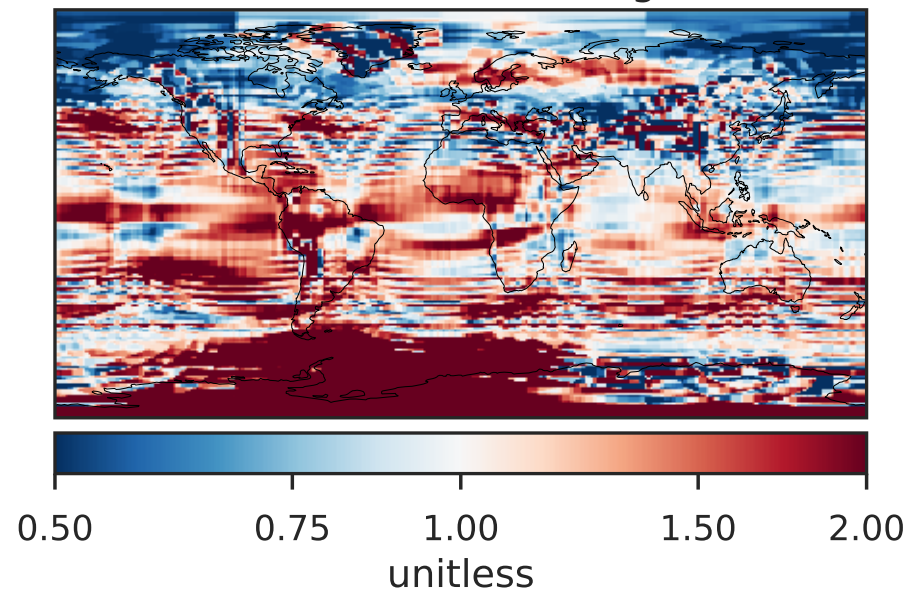
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

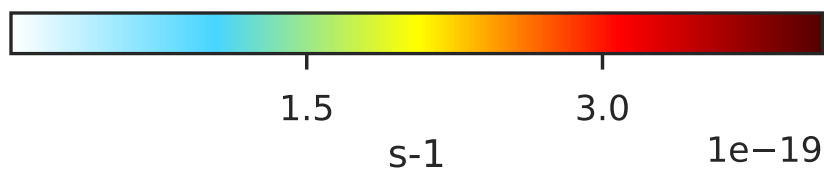
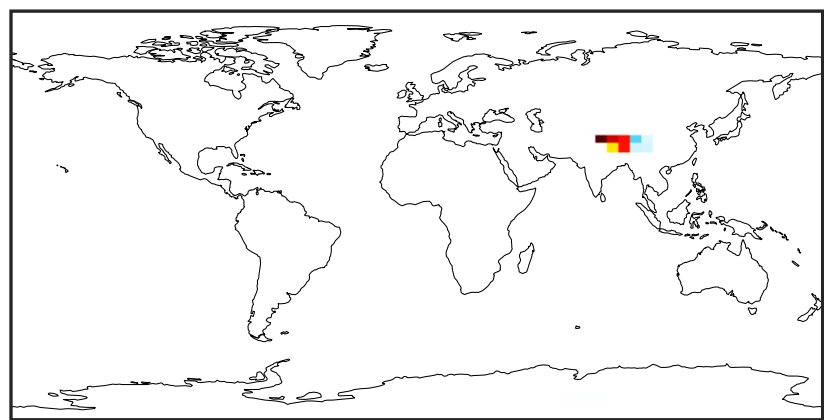


Ratio (1x1.25)
Dev/Ref, Fixed Range

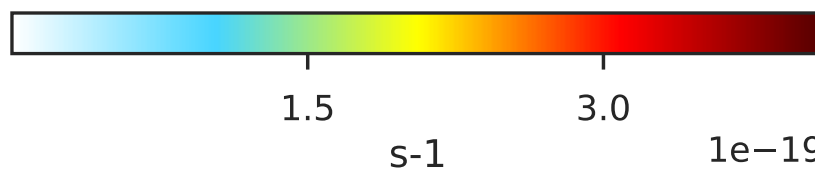
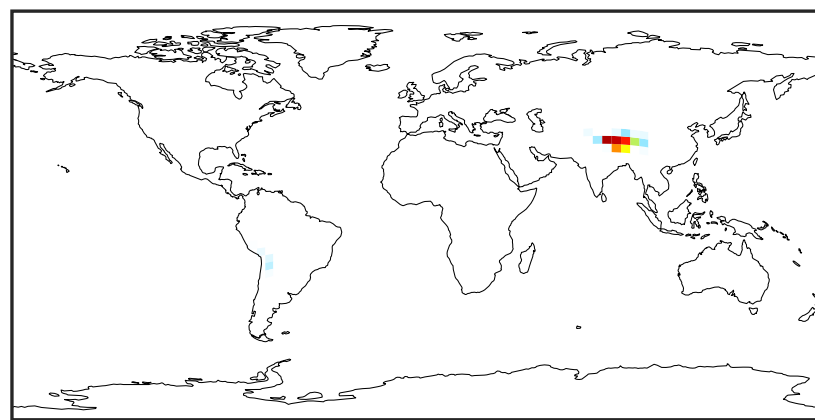


Jval_CFC12 (AnnualMean)

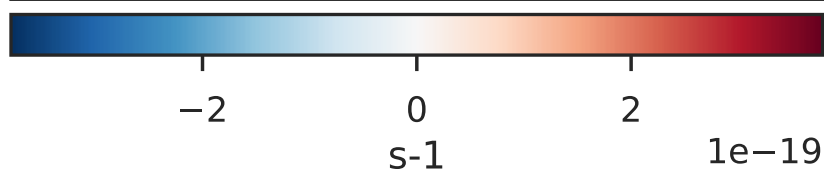
GCC_14.2.0 (Ref)
4.0x5.0



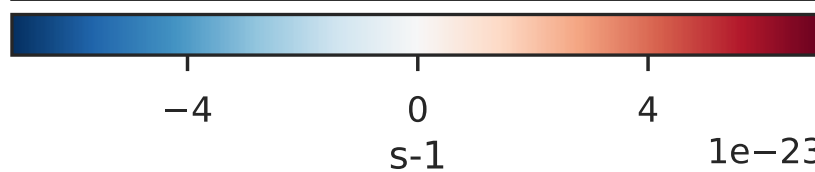
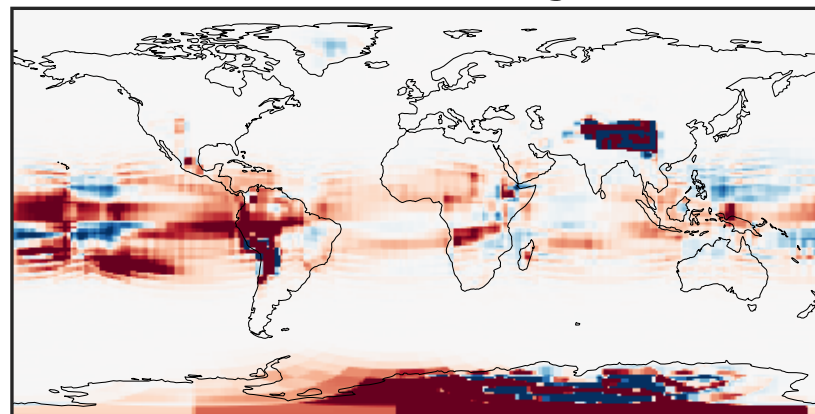
GCHP_14.2.0 (Dev)
c24



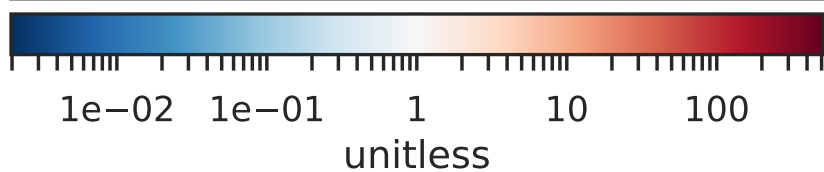
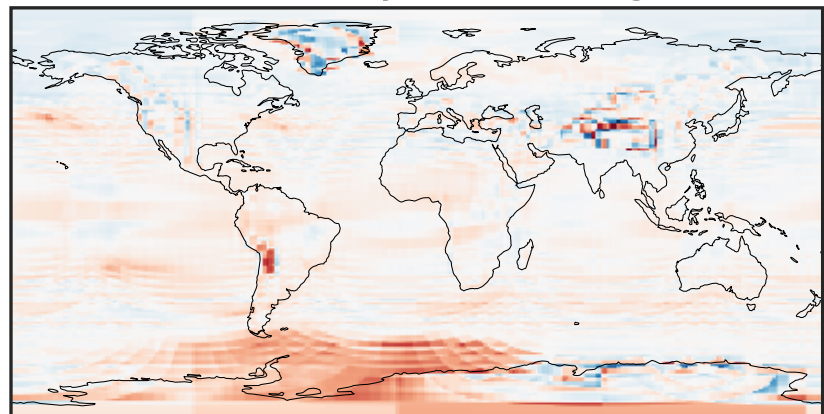
Difference (1x1.25)
Dev - Ref, Dynamic Range



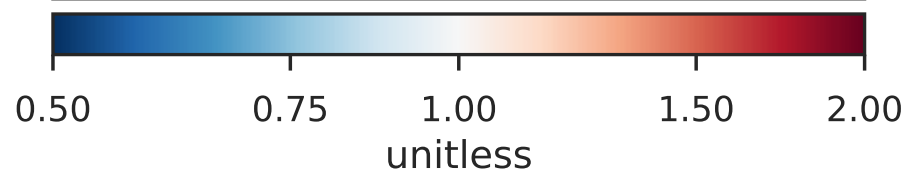
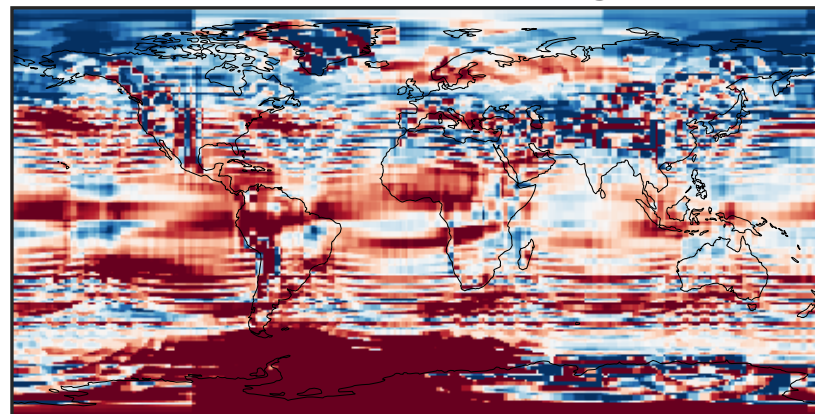
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

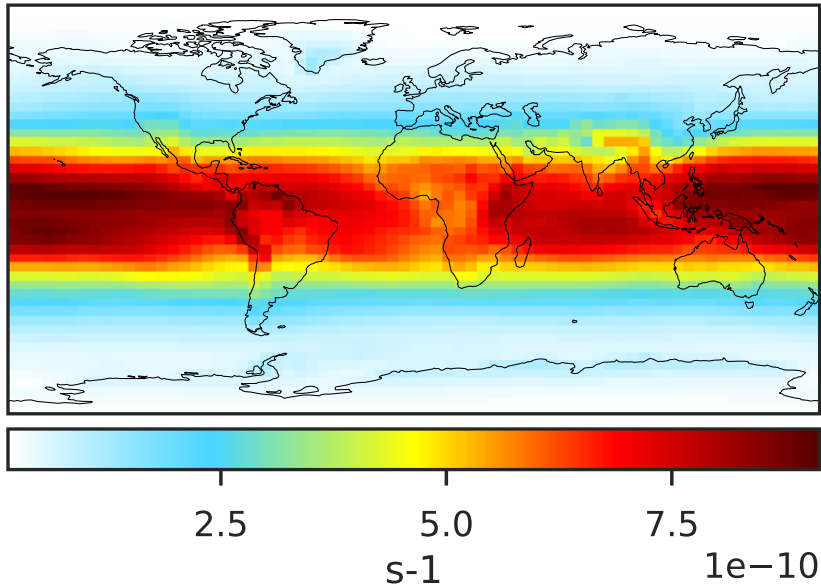


Ratio (1x1.25)
Dev/Ref, Fixed Range

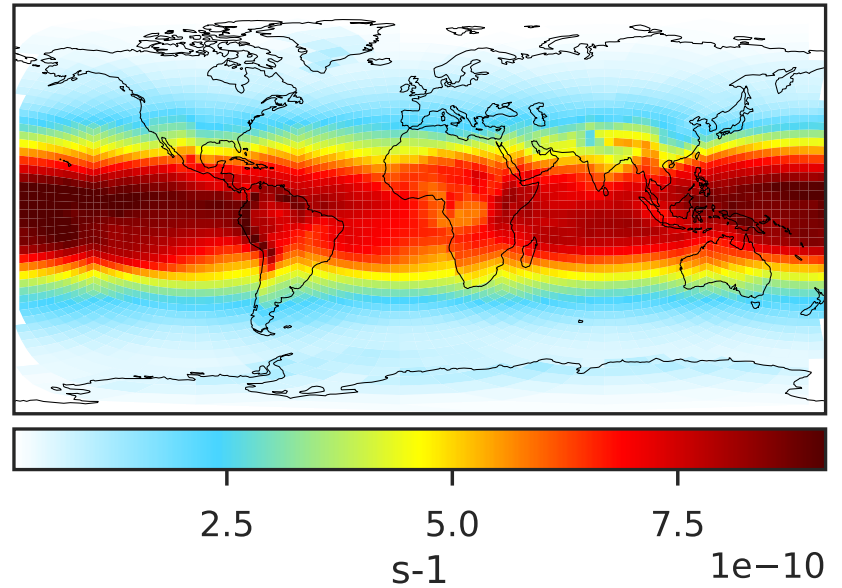


Jval_CH2Br2 (AnnualMean)

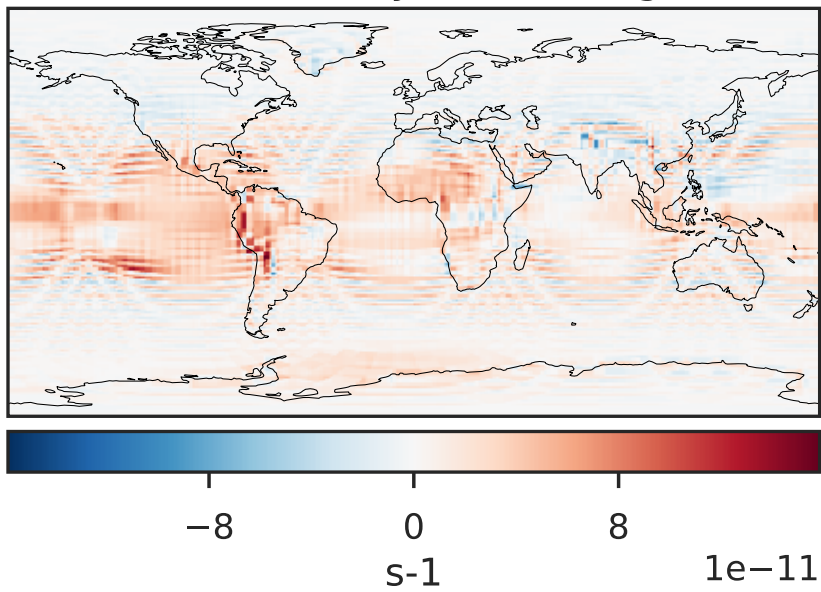
GCC_14.2.0 (Ref)
4.0x5.0



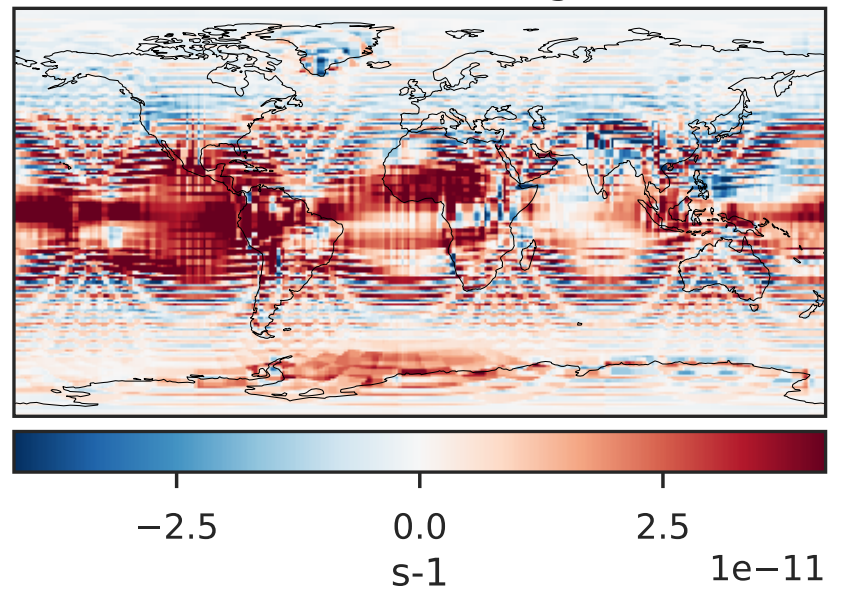
GCHP_14.2.0 (Dev)
c24



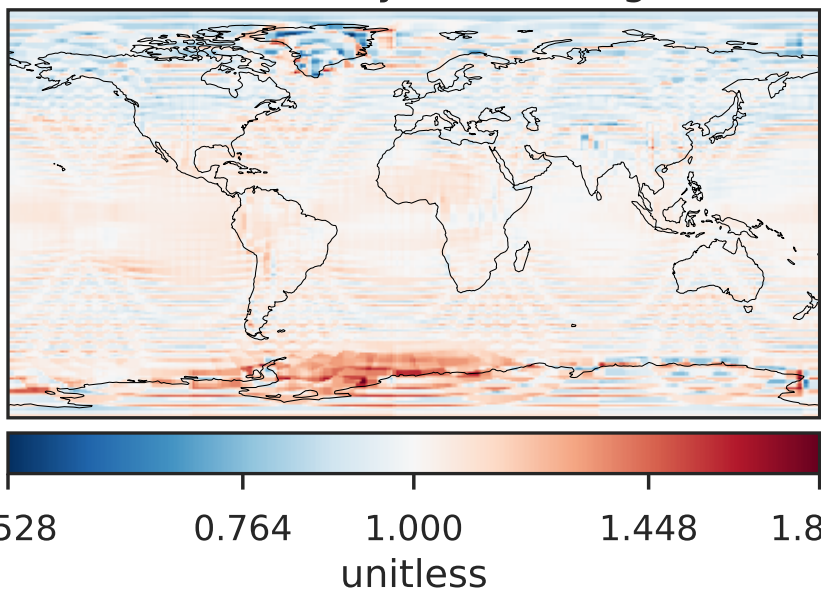
Difference (1x1.25)
Dev - Ref, Dynamic Range



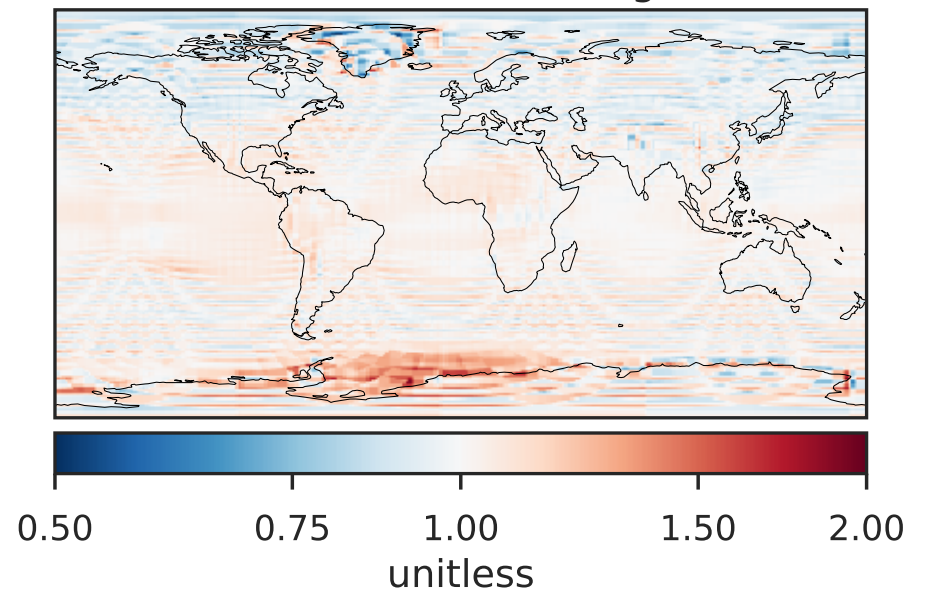
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

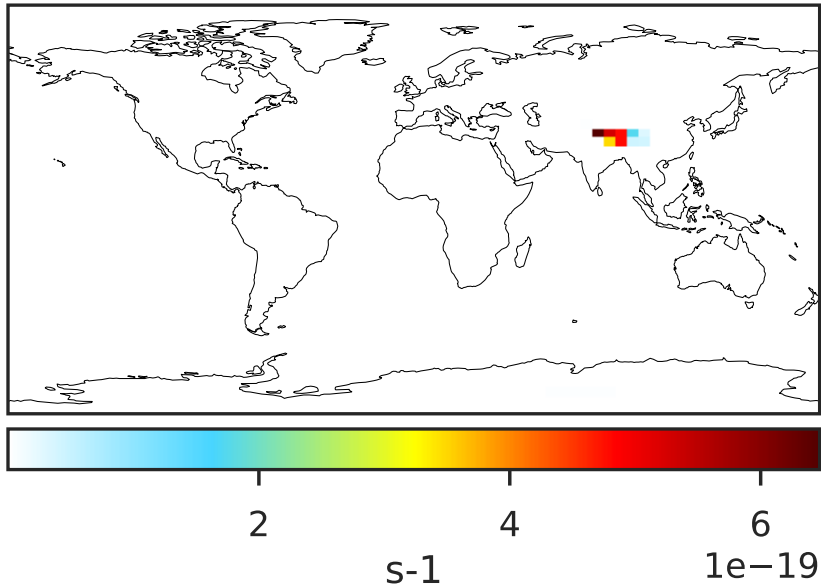


Ratio (1x1.25)
Dev/Ref, Fixed Range

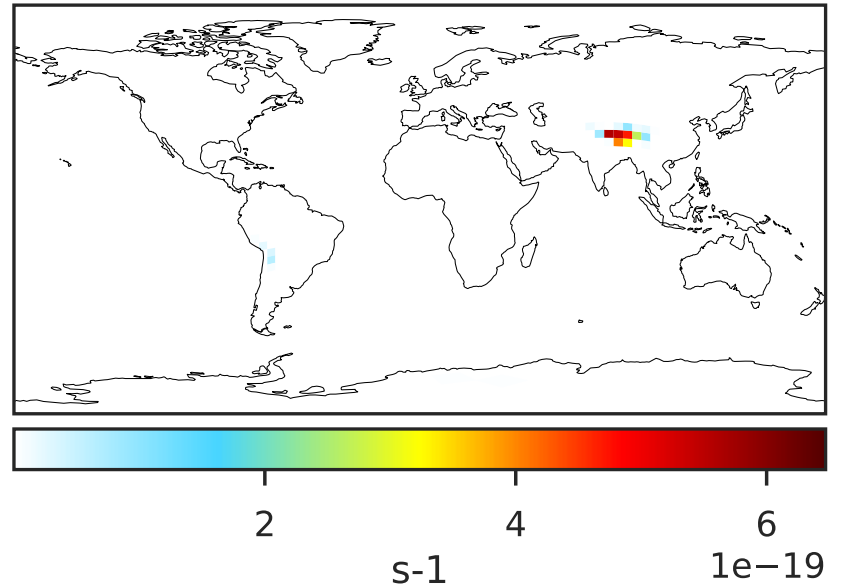


Jval_CH2Cl2 (AnnualMean)

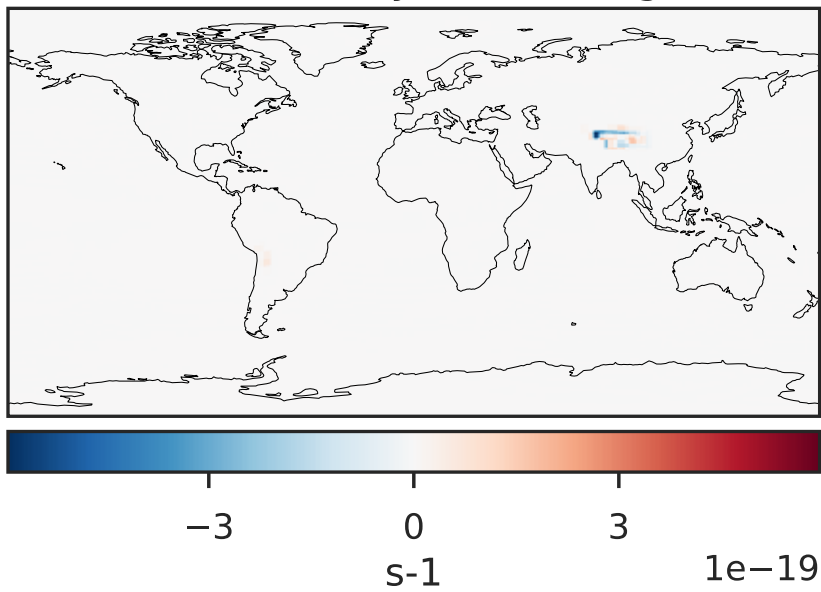
GCC_14.2.0 (Ref)
4.0x5.0



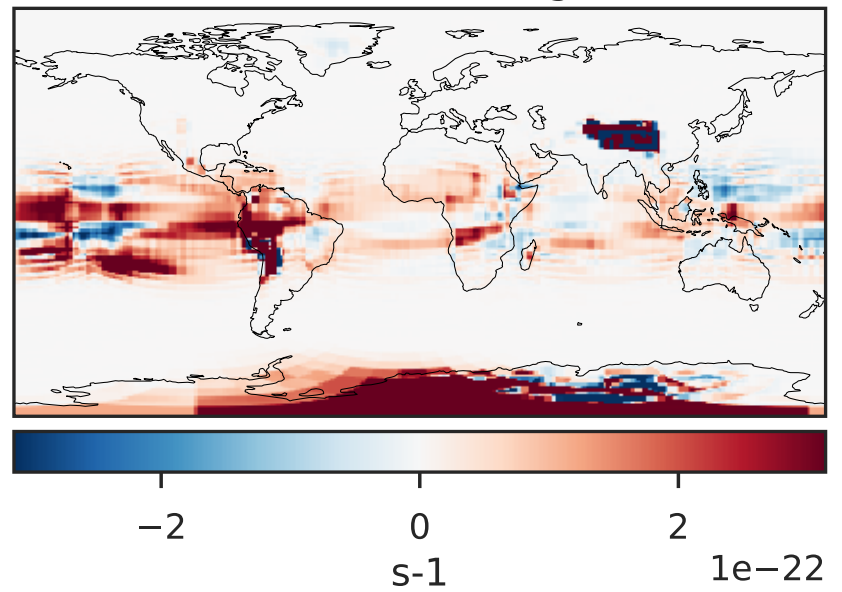
GCHP_14.2.0 (Dev)
c24



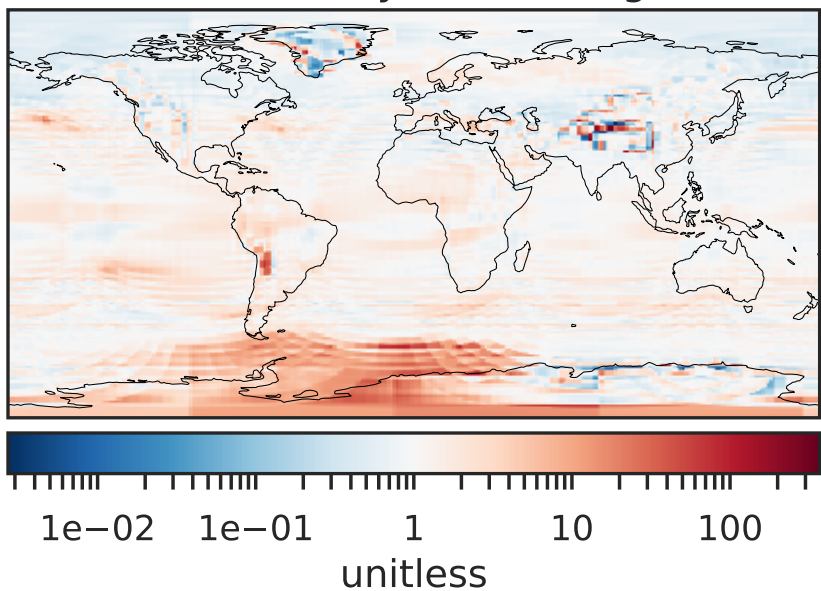
Difference (1x1.25)
Dev - Ref, Dynamic Range



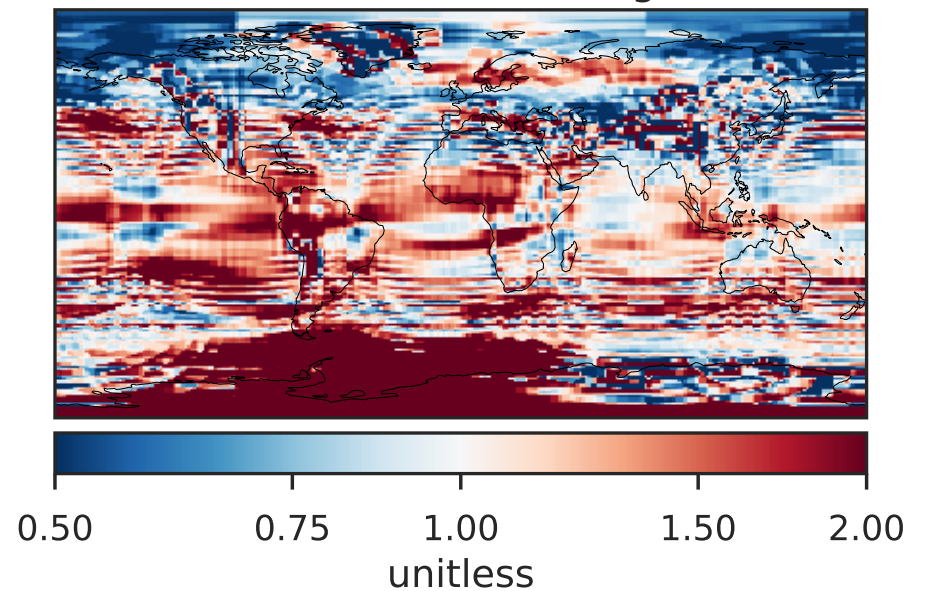
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

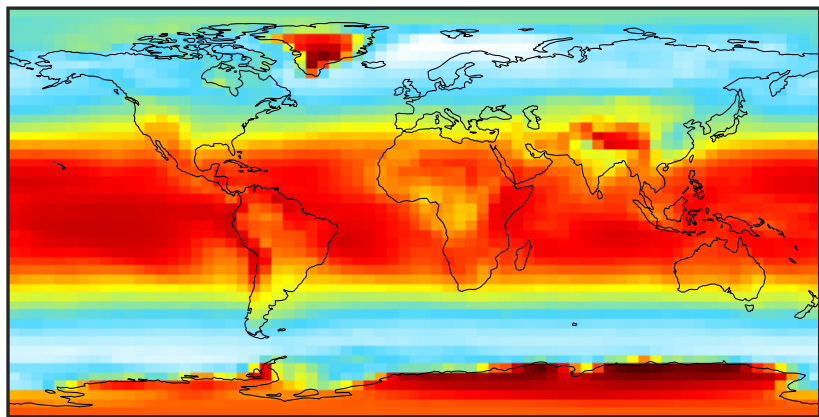


Ratio (1x1.25)
Dev/Ref, Fixed Range



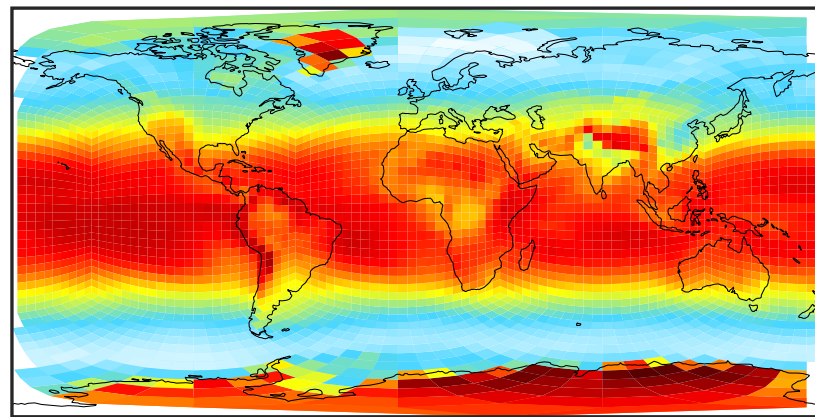
Jval_CH2I2 (AnnualMean)

GCC_14.2.0 (Ref)
4.0x5.0



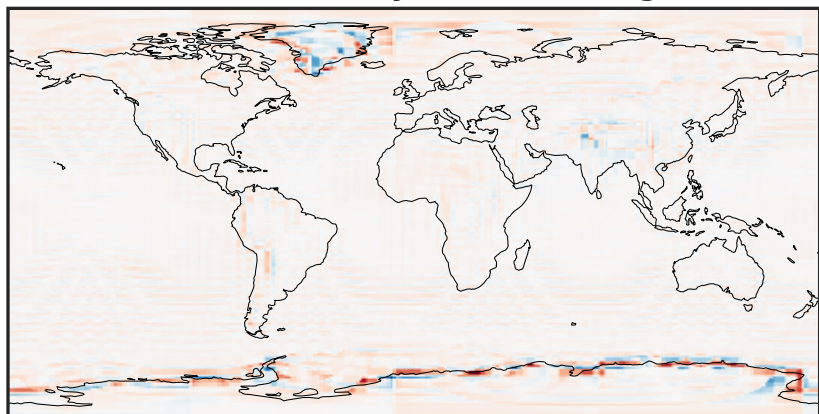
0.0008 0.0016 0.0024 0.0032
s-1

GCHP_14.2.0 (Dev)
c24



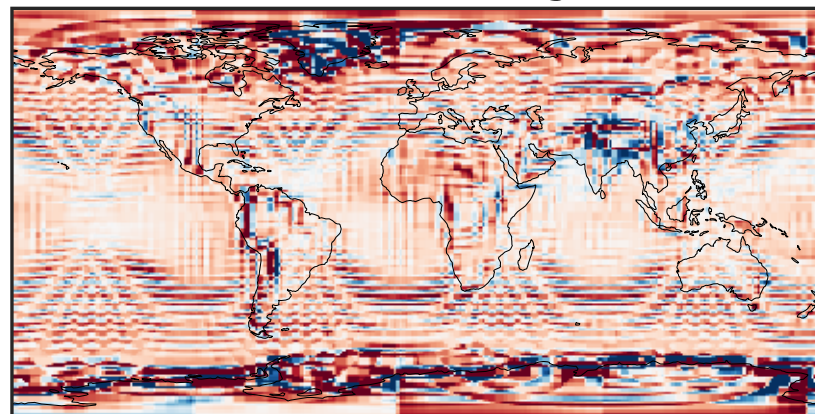
0.0008 0.0016 0.0024 0.0032
s-1

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



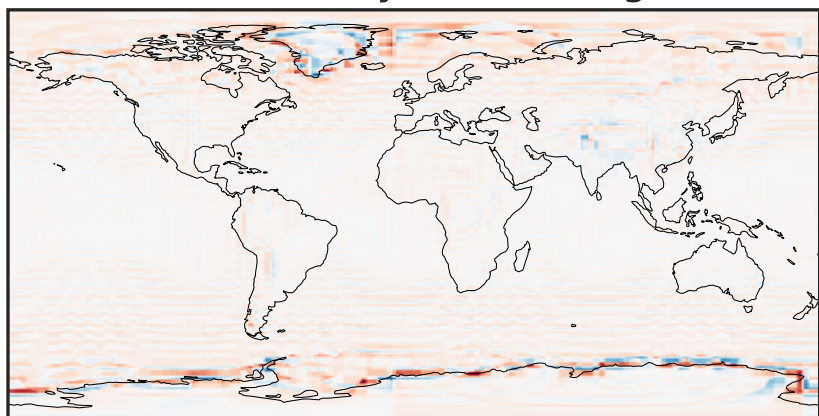
-0.0008 0.0000 0.0008
s-1

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



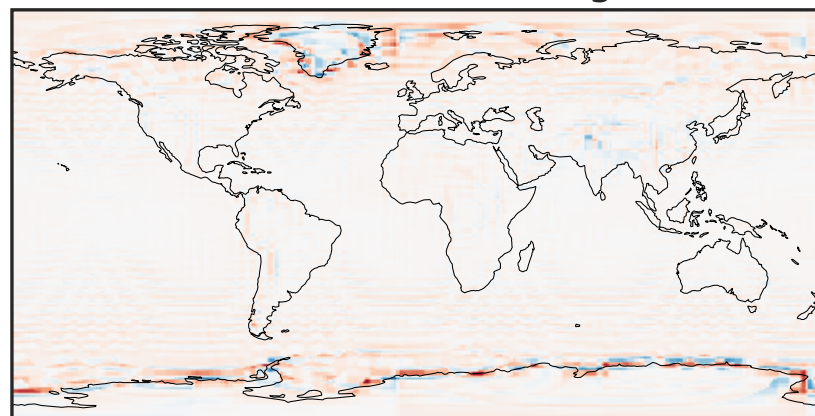
-8 0 8
s-1 1e-5

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



0.517 0.759 1.000 1.467 1.934
unitless

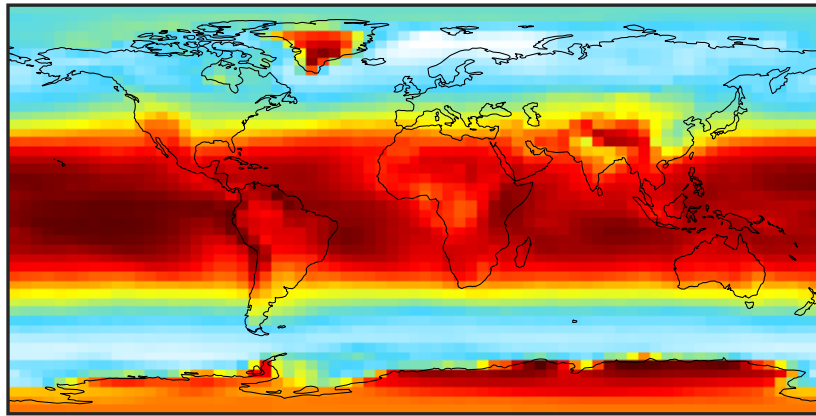
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

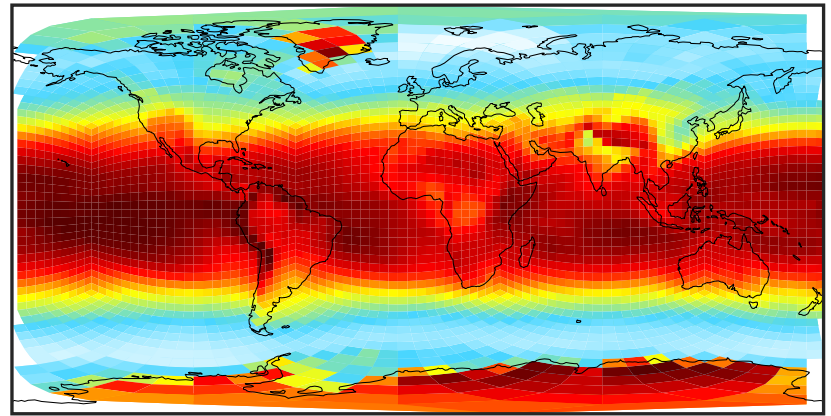
Jval_CH2IBr (AnnualMean)

GCC_14.2.0 (Ref)
4.0x5.0



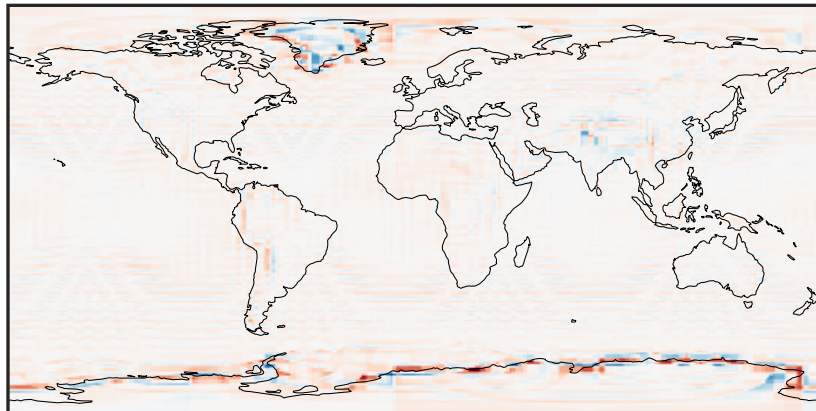
0.00004 0.00008 0.00012 0.00016
s-1

GCHP_14.2.0 (Dev)
c24



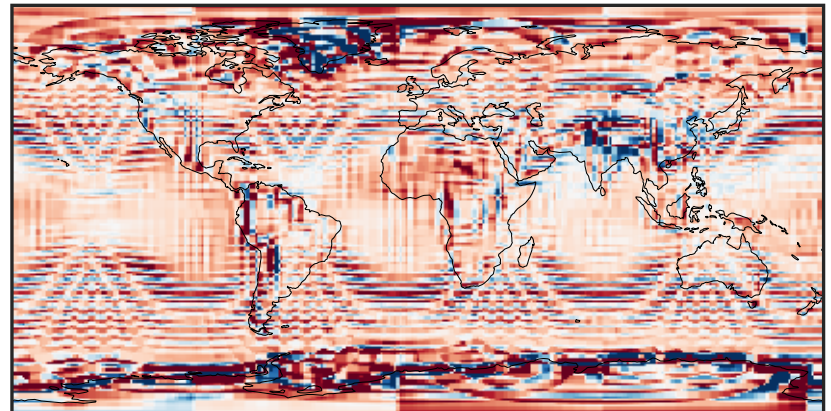
0.00004 0.00008 0.00012 0.00016
s-1

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



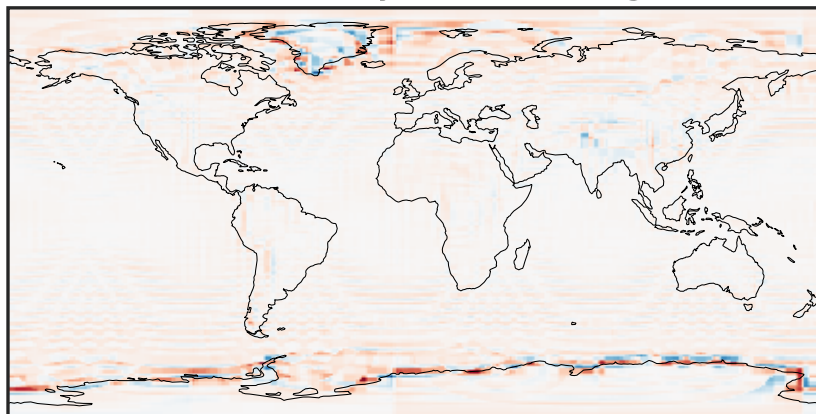
-4 0 4
s-1 1e-5

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



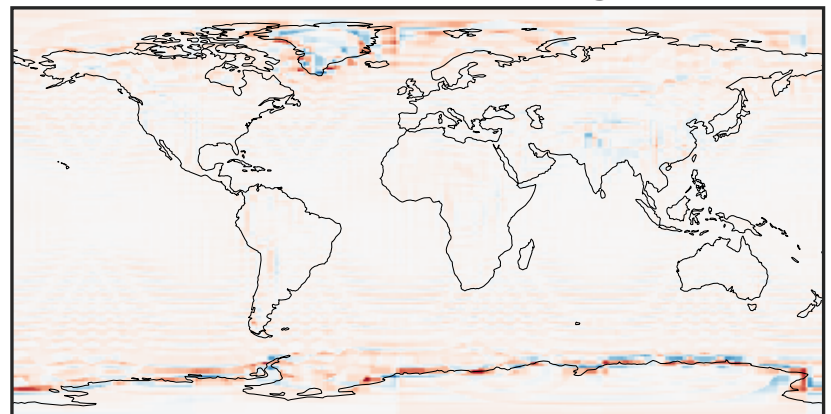
-4 0 4
s-1 1e-6

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



0.523 0.761 1.000 1.457 1.913
unitless

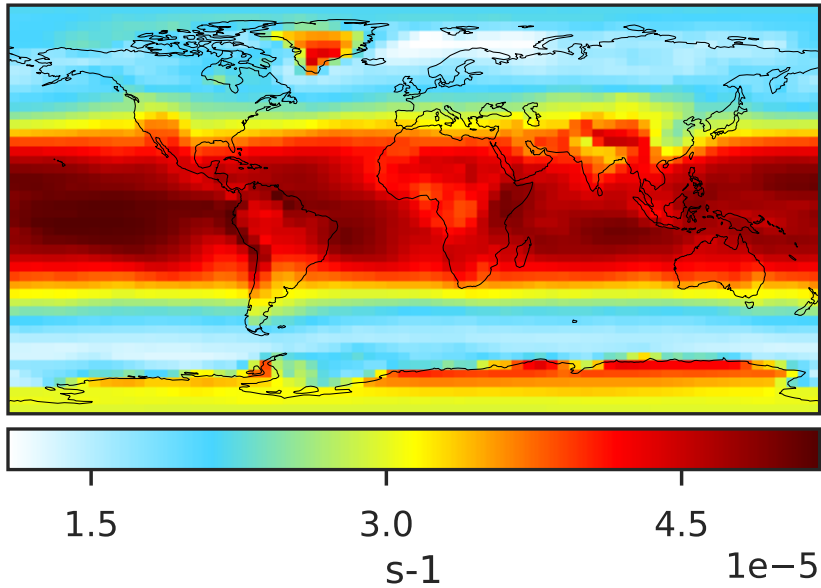
Ratio (1x1.25)
Dev/Ref, Fixed Range



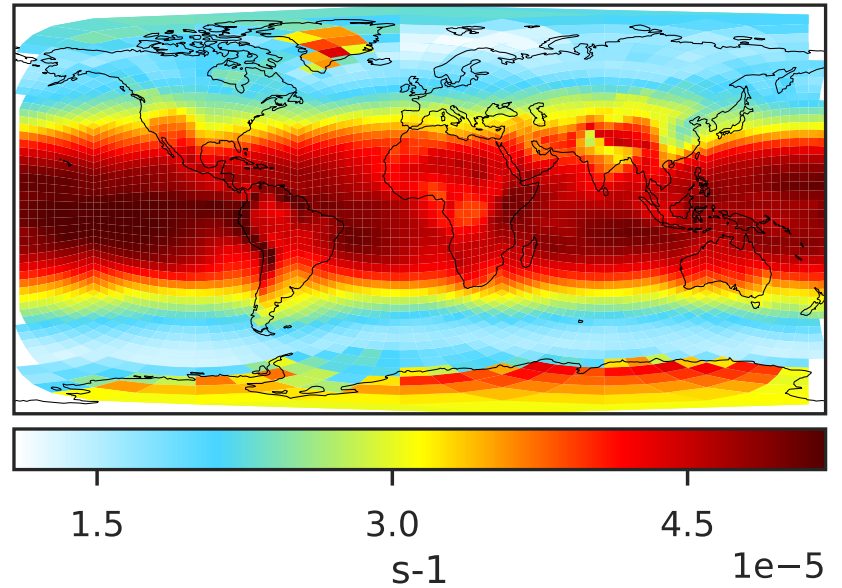
0.50 0.75 1.00 1.50 2.00
unitless

Jval_CH2ICl (AnnualMean)

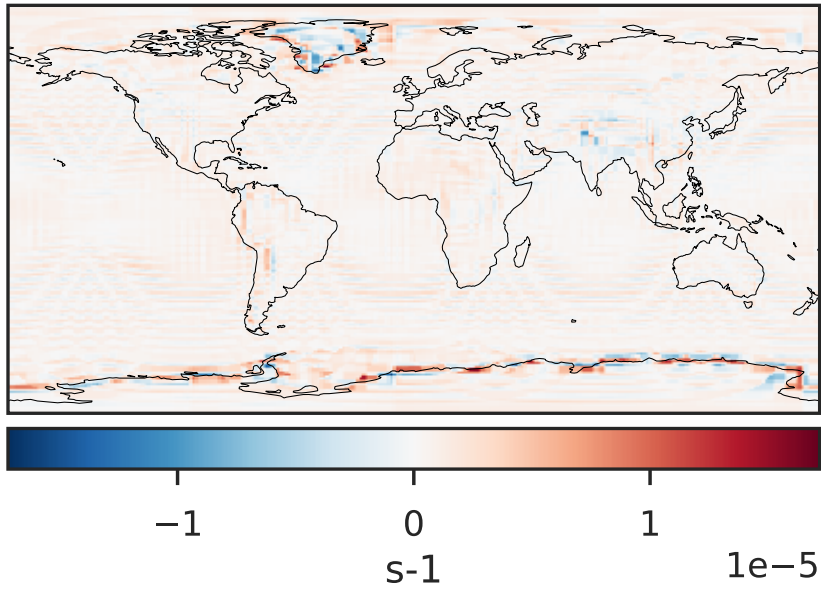
GCC_14.2.0 (Ref)
4.0x5.0



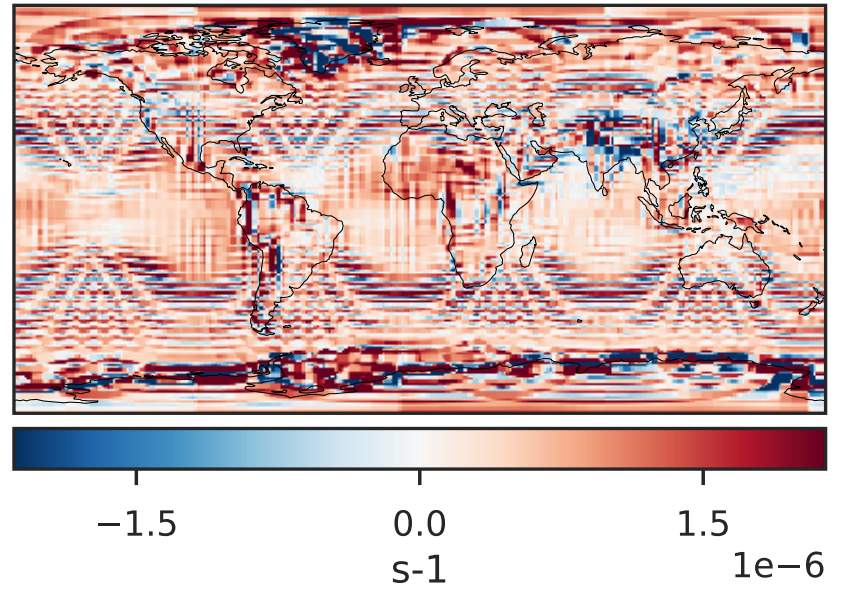
GCHP_14.2.0 (Dev)
c24



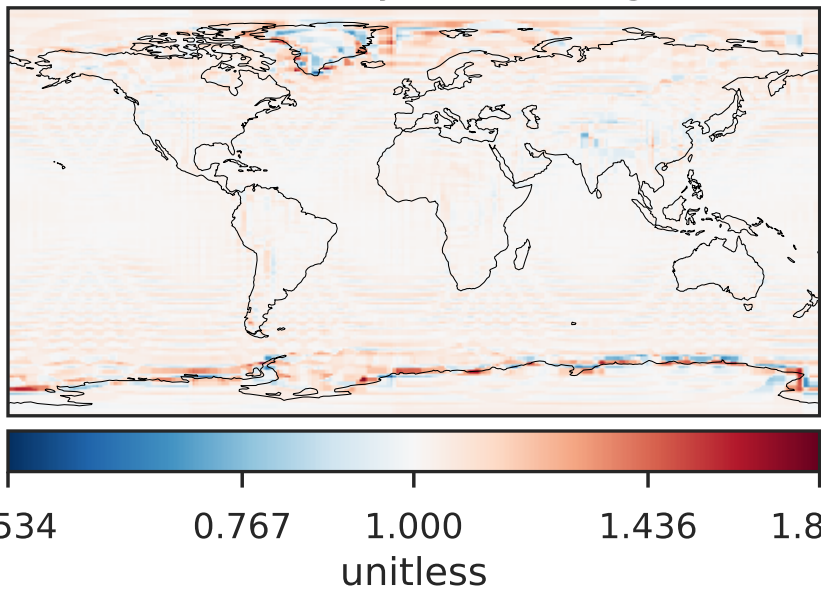
Difference (1x1.25)
Dev - Ref, Dynamic Range



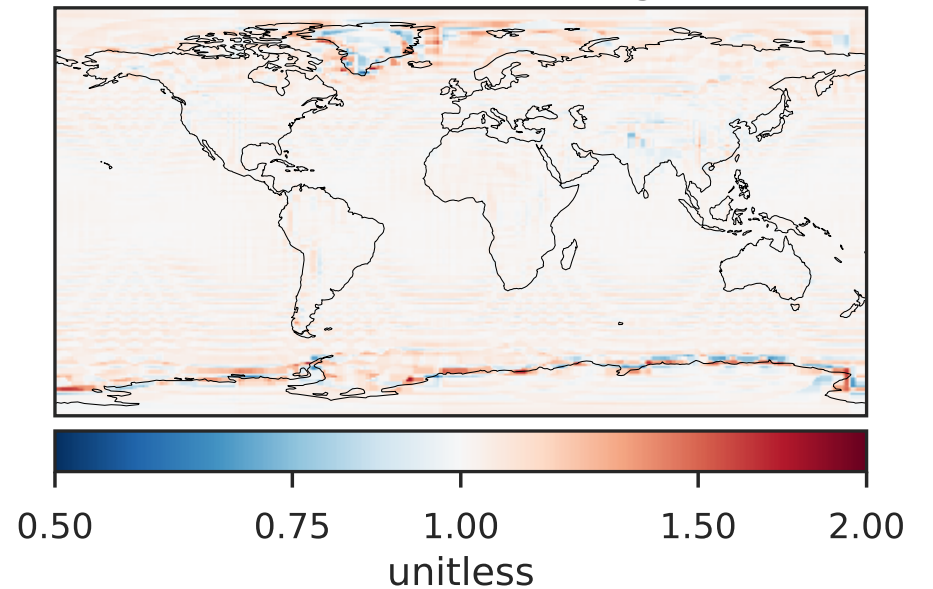
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

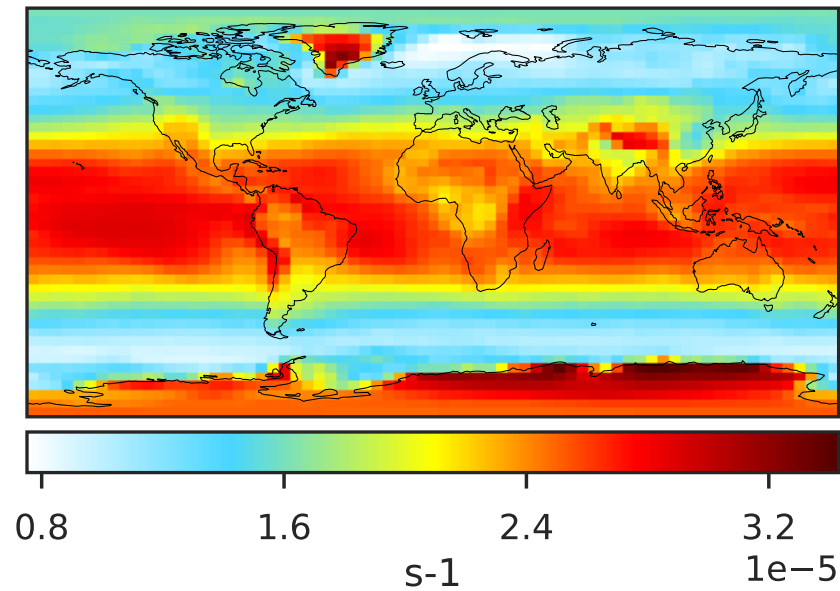


Ratio (1x1.25)
Dev/Ref, Fixed Range

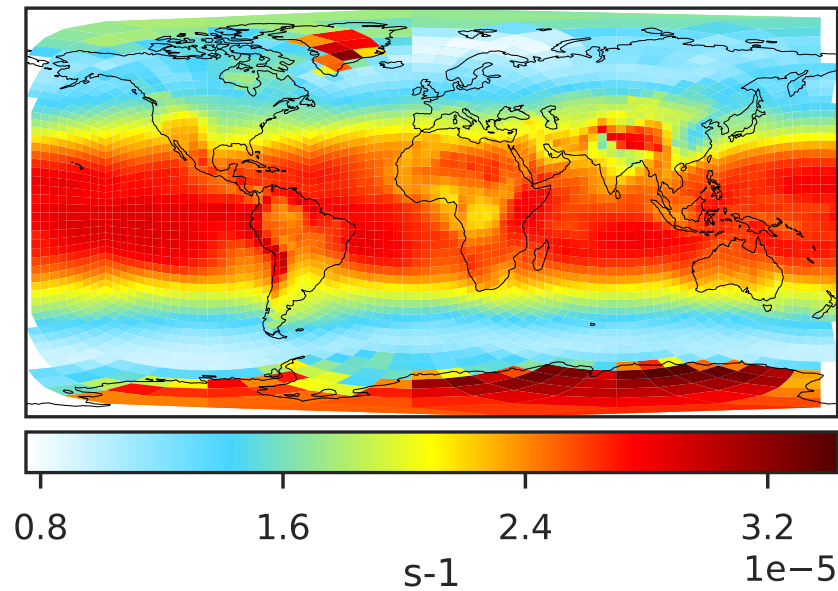


Jval_CH2O (AnnualMean)

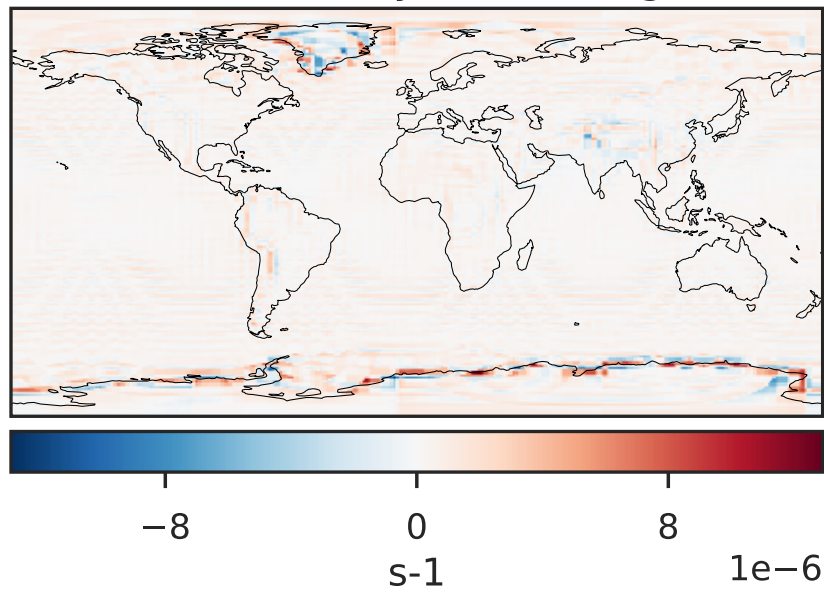
GCC_14.2.0 (Ref)
4.0x5.0



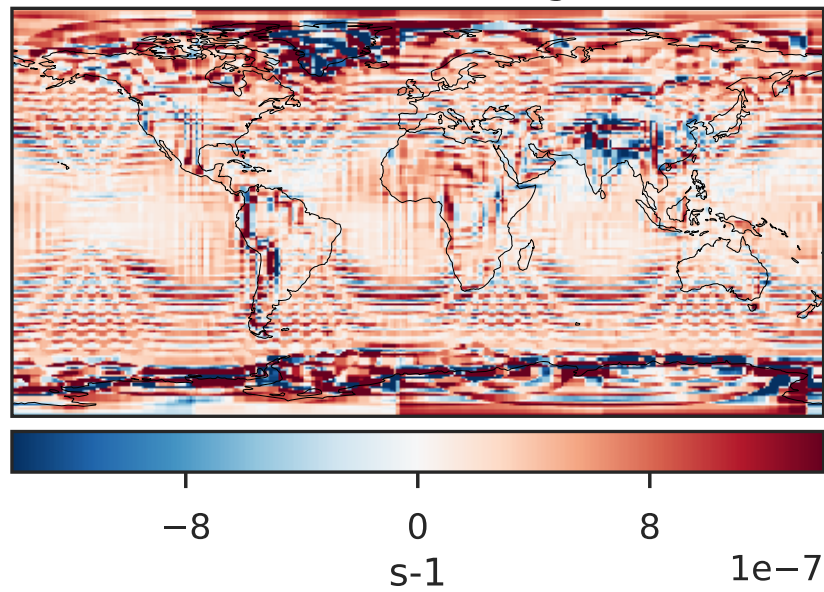
GCHP_14.2.0 (Dev)
c24



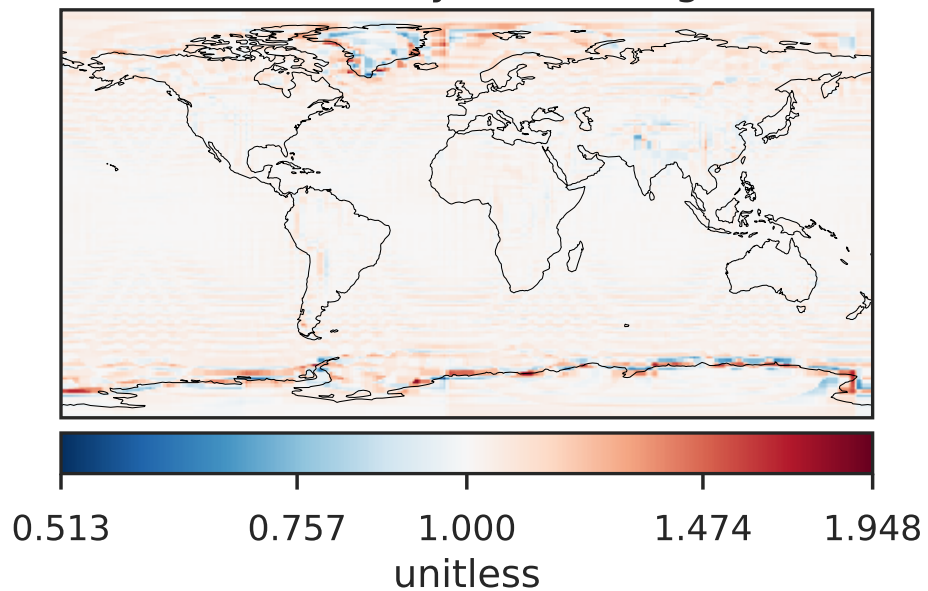
Difference (1x1.25)
Dev - Ref, Dynamic Range



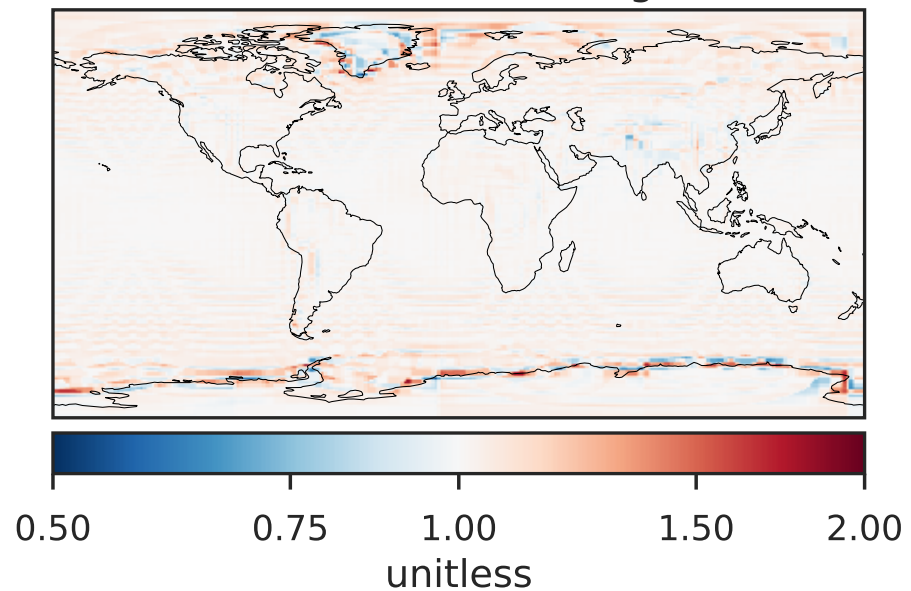
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

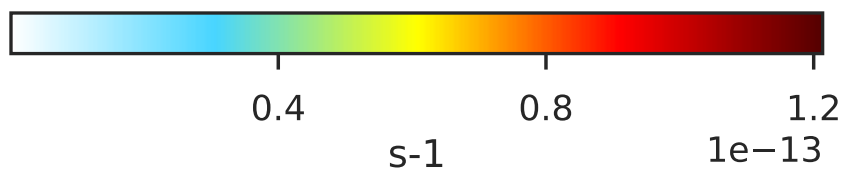
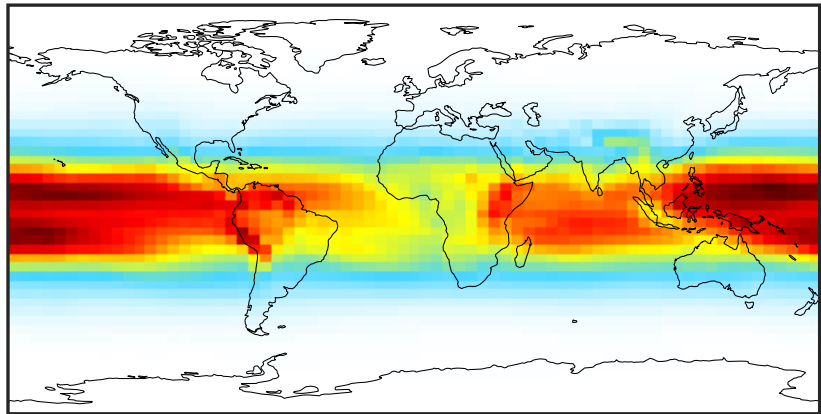


Ratio (1x1.25)
Dev/Ref, Fixed Range

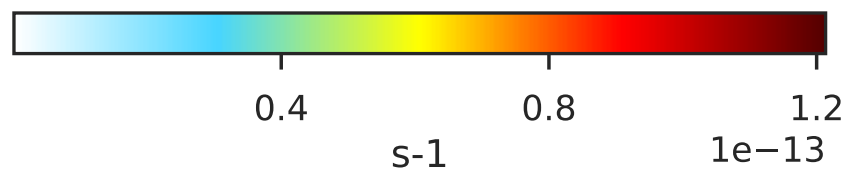
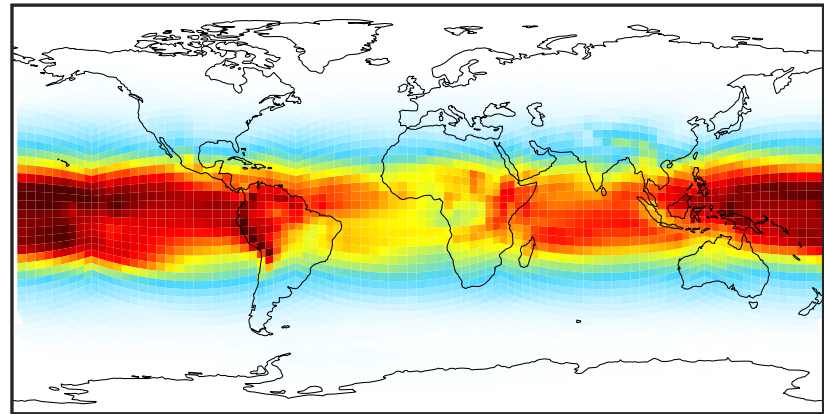


Jval_CH3Br (AnnualMean)

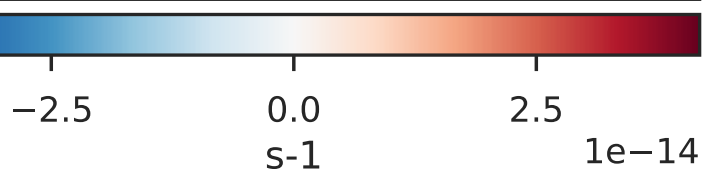
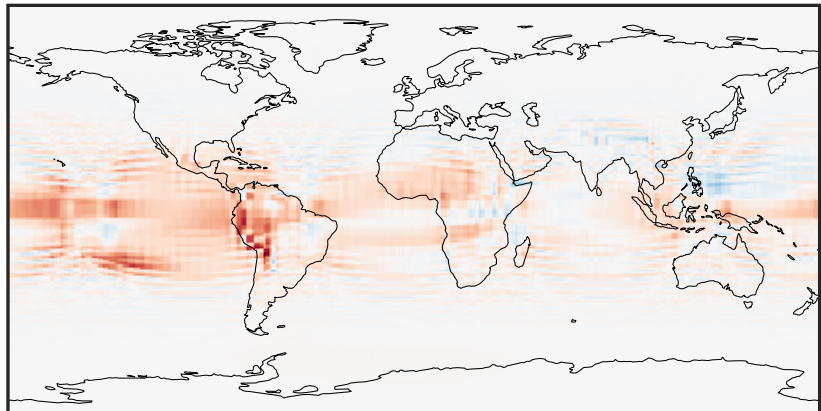
GCC_14.2.0 (Ref)
4.0x5.0



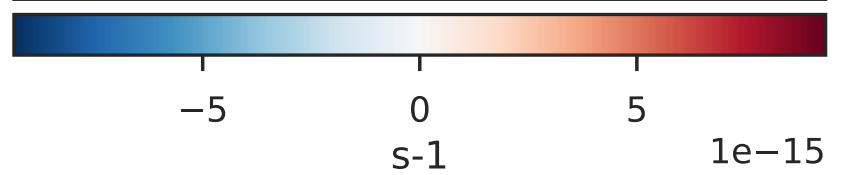
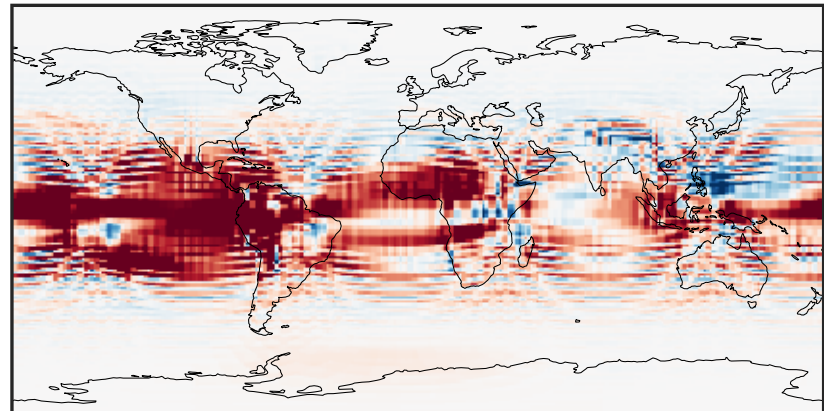
GCHP_14.2.0 (Dev)
c24



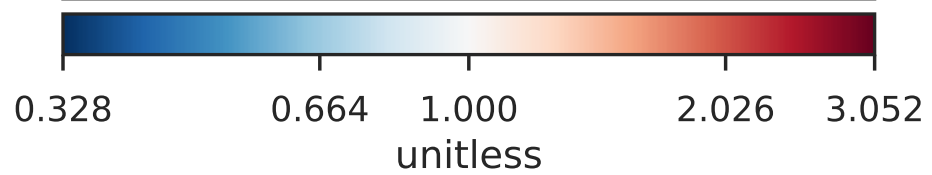
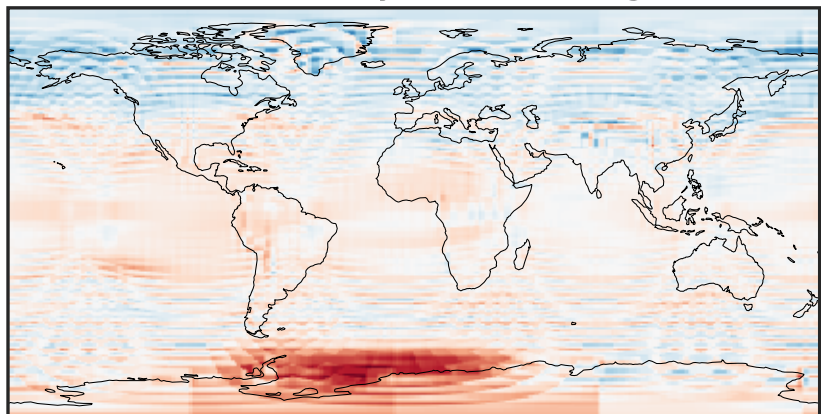
Difference (1x1.25)
Dev - Ref, Dynamic Range



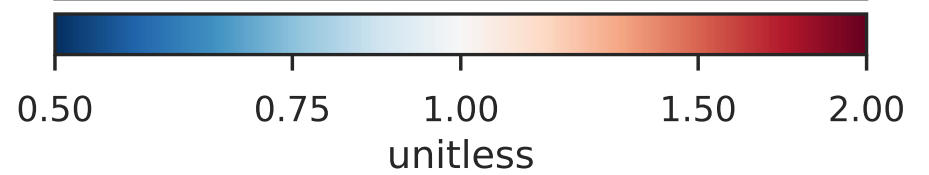
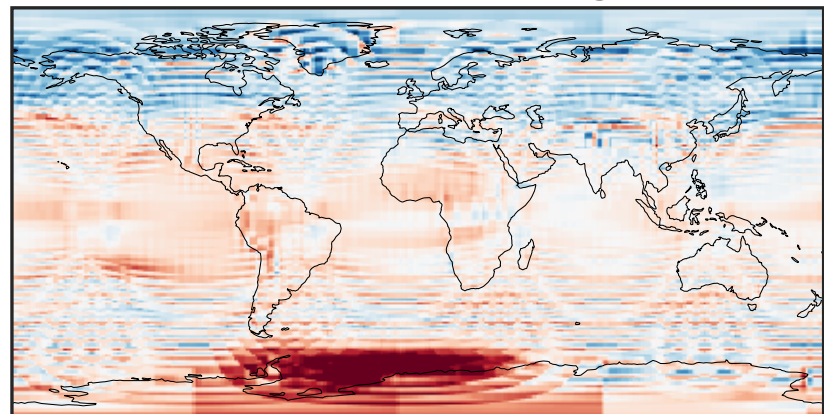
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

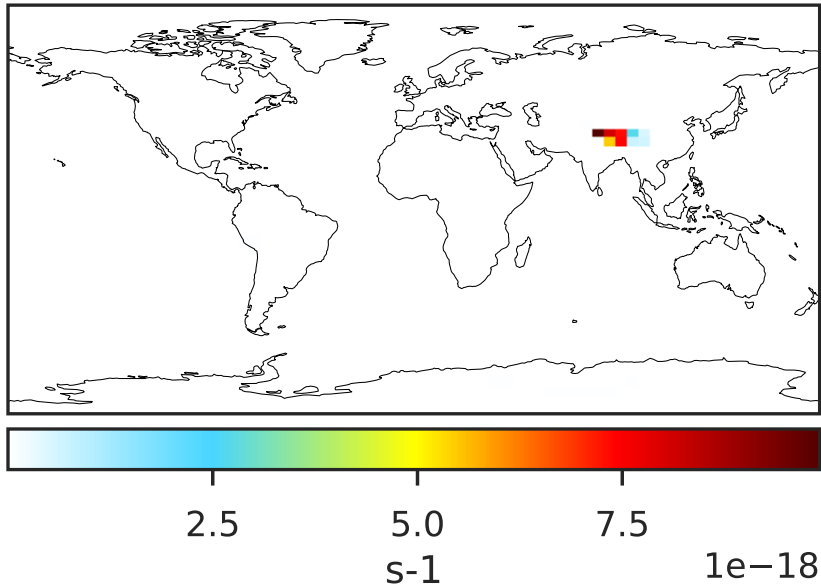


Ratio (1x1.25)
Dev/Ref, Fixed Range

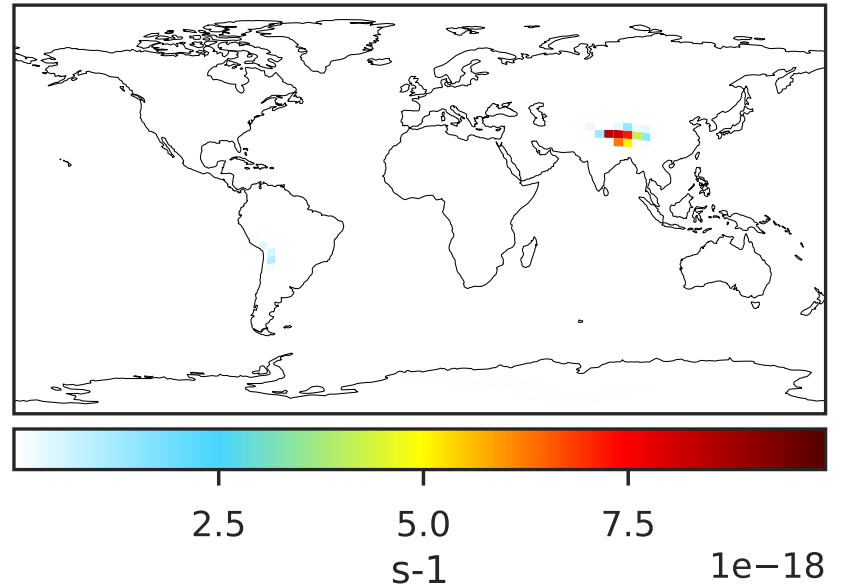


Jval_CH3CCI3 (AnnualMean)

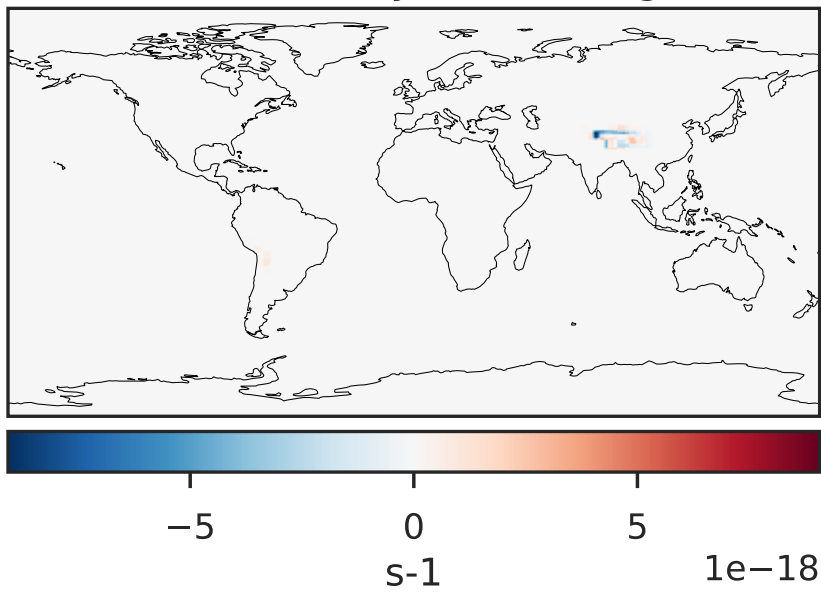
GCC_14.2.0 (Ref)
4.0x5.0



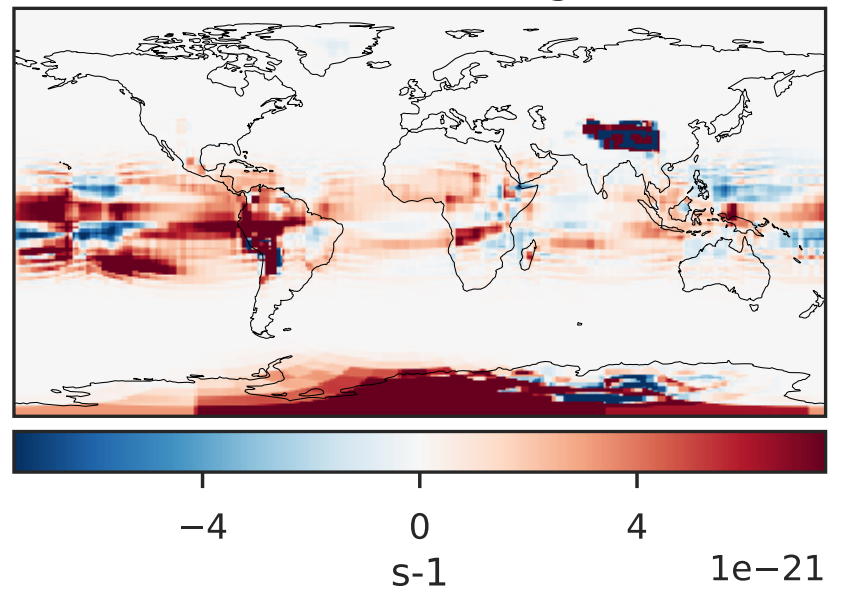
GCHP_14.2.0 (Dev)
c24



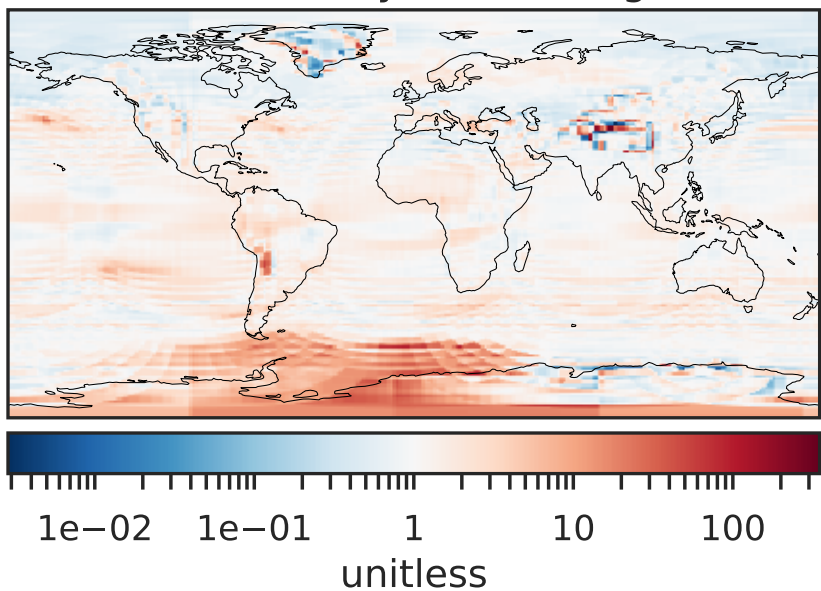
Difference (1x1.25)
Dev - Ref, Dynamic Range



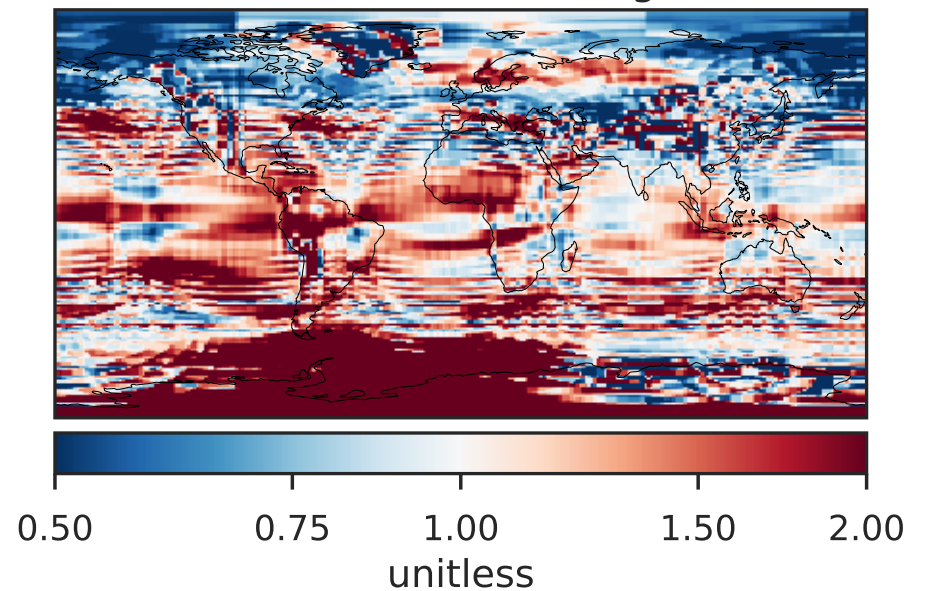
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

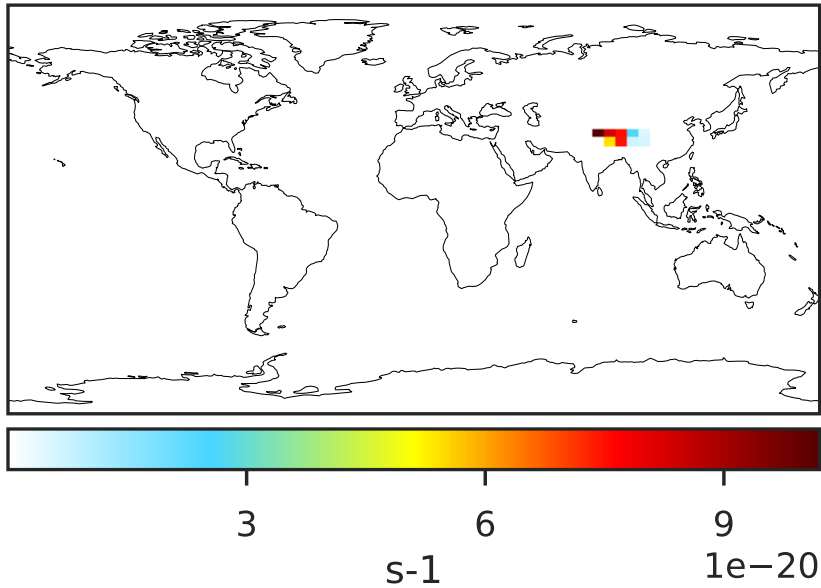


Ratio (1x1.25)
Dev/Ref, Fixed Range

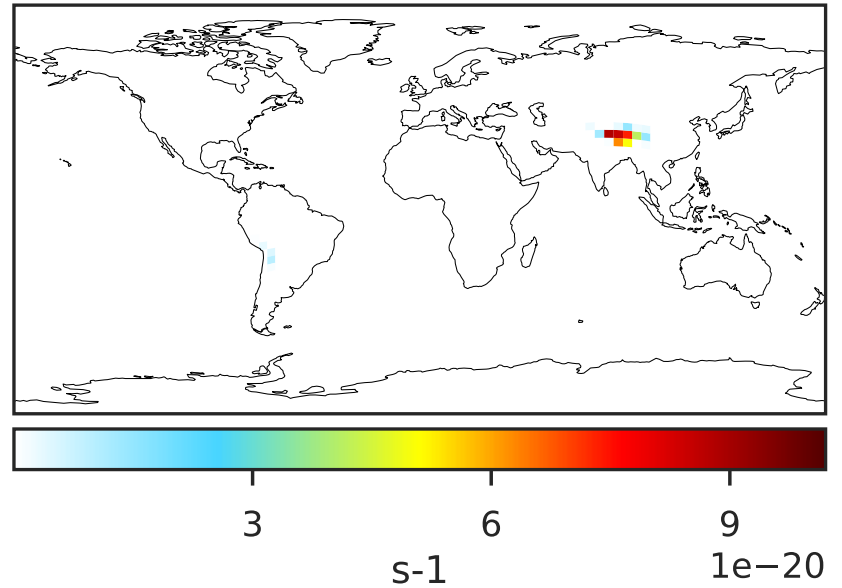


Jval_CH3Cl (AnnualMean)

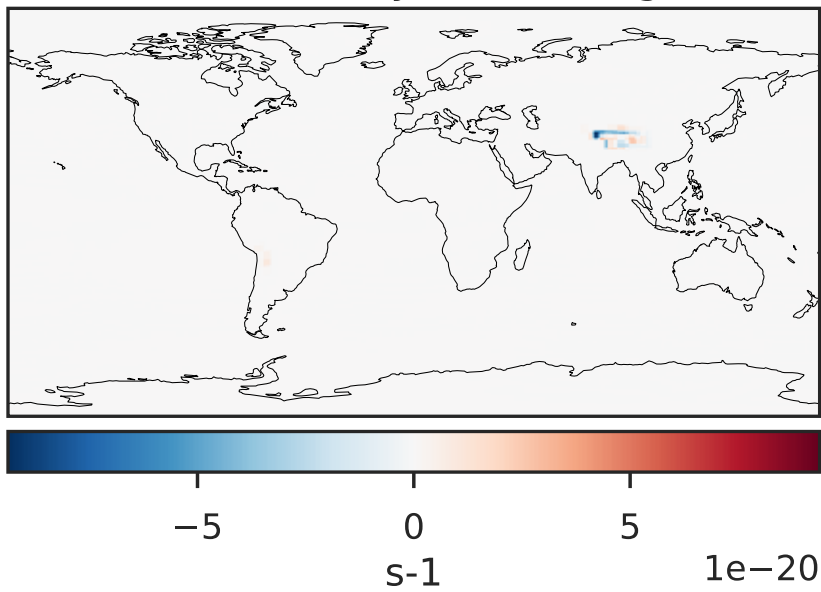
GCC_14.2.0 (Ref)
4.0x5.0



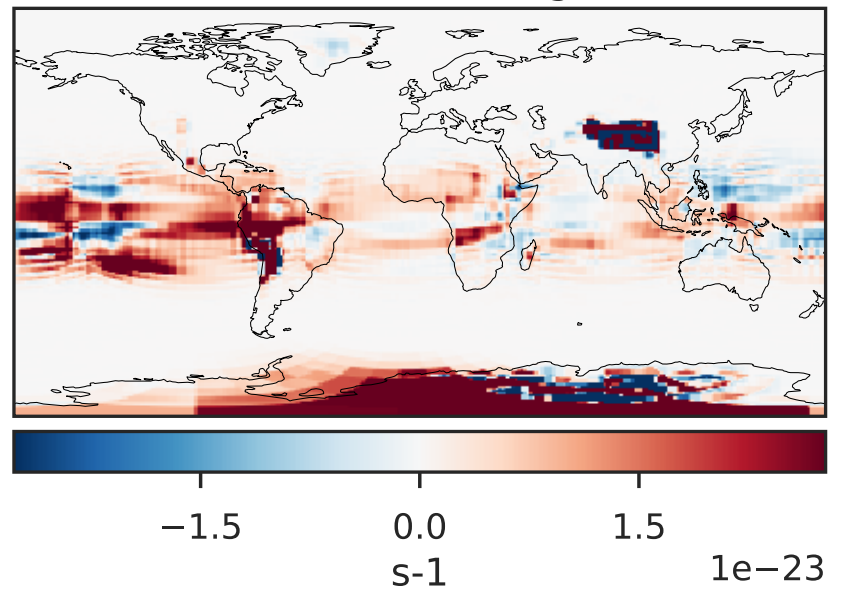
GCHP_14.2.0 (Dev)
c24



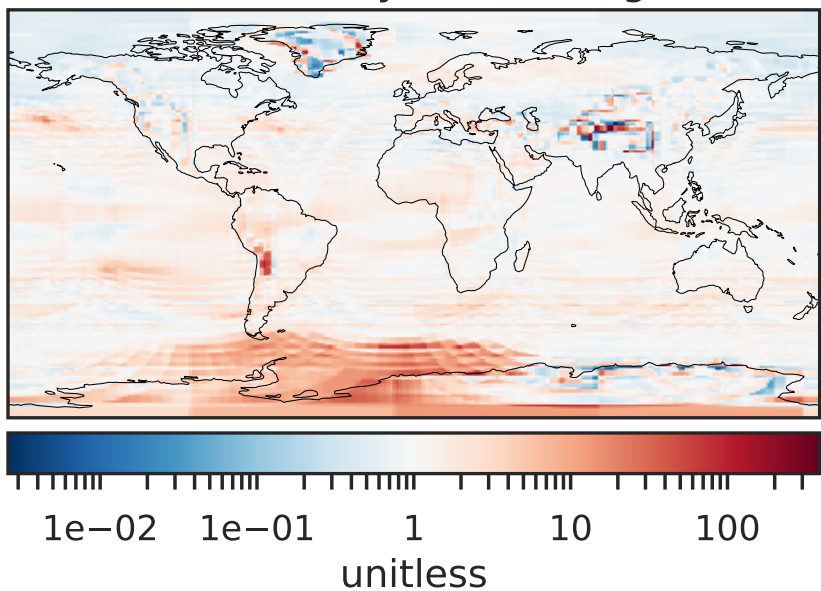
Difference (1x1.25)
Dev - Ref, Dynamic Range



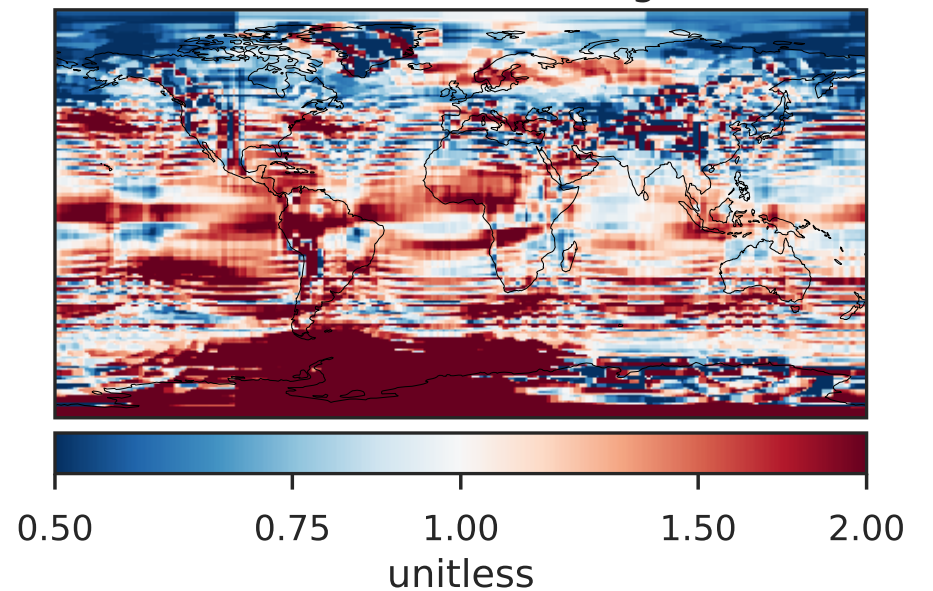
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

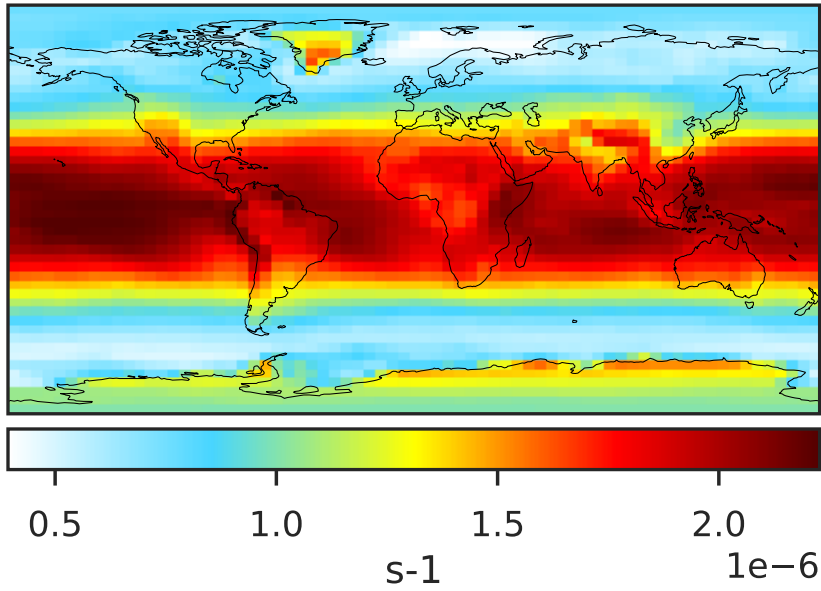


Ratio (1x1.25)
Dev/Ref, Fixed Range

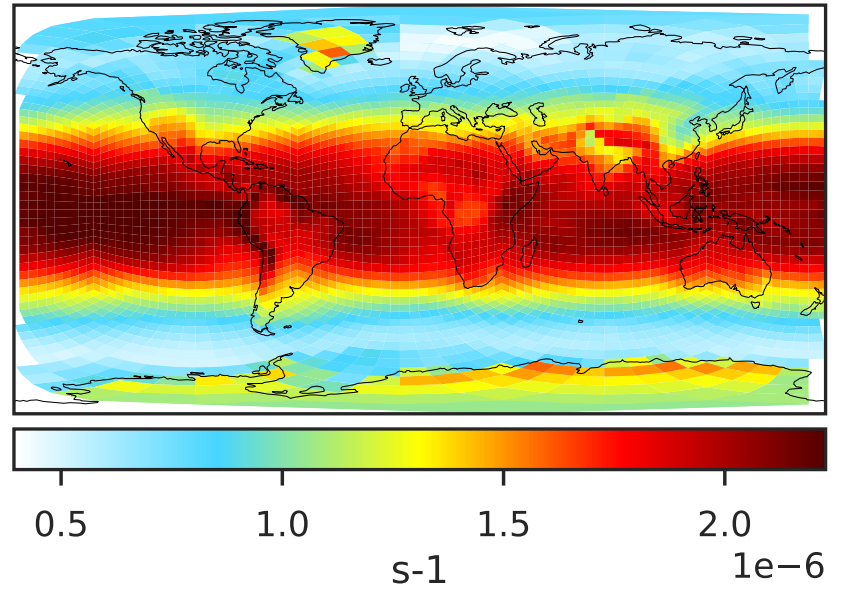


Jval_CH3I (AnnualMean)

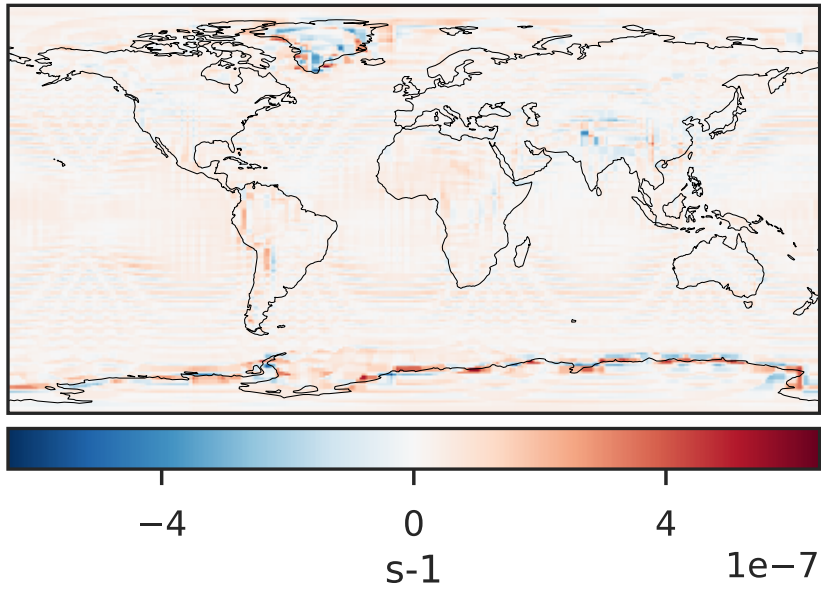
GCC_14.2.0 (Ref)
4.0x5.0



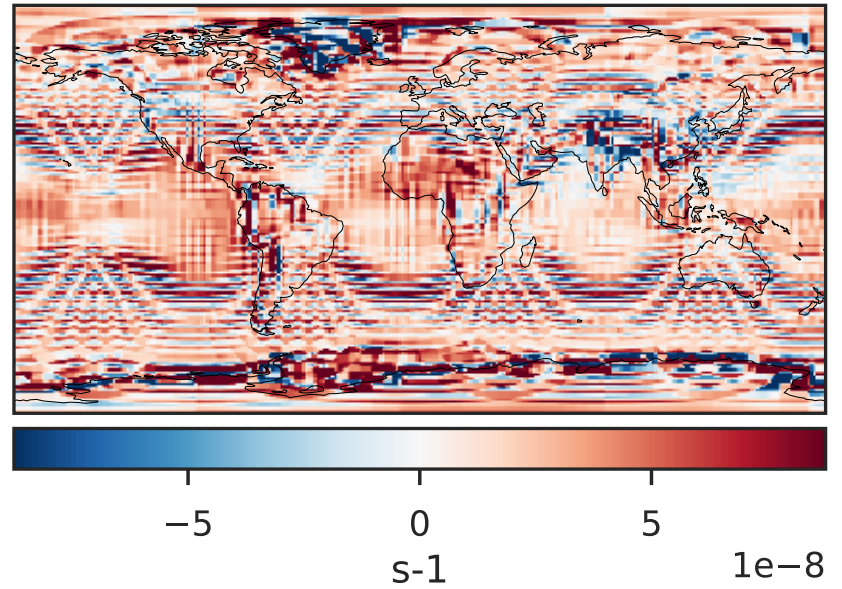
GCHP_14.2.0 (Dev)
c24



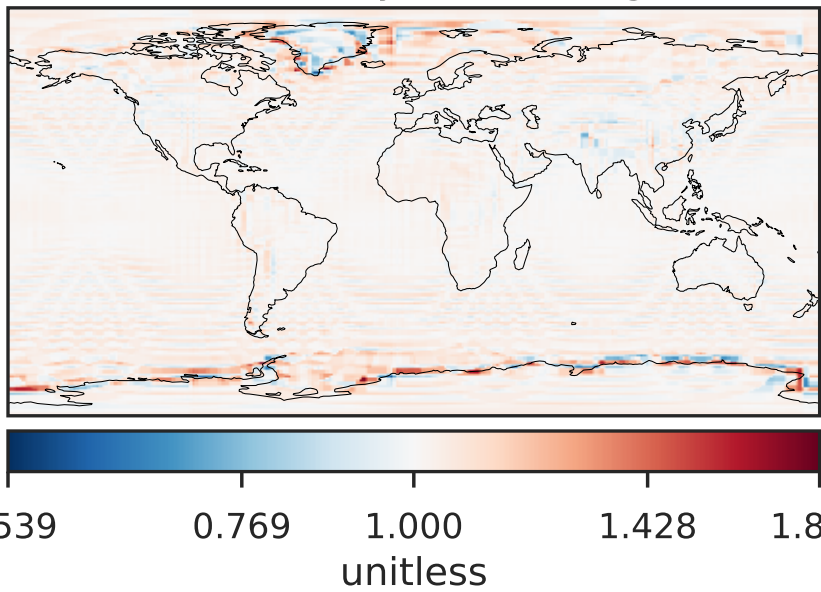
Difference (1x1.25)
Dev - Ref, Dynamic Range



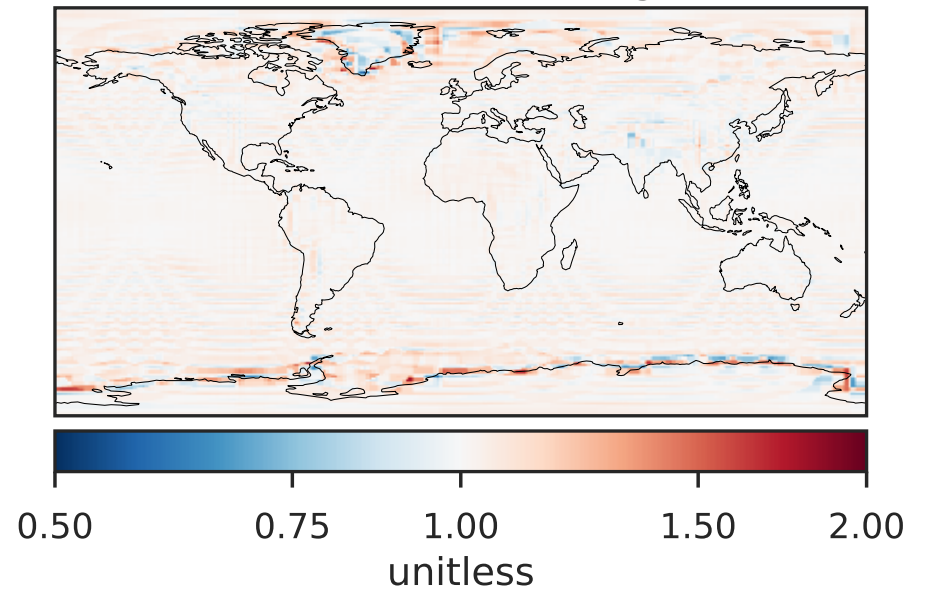
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

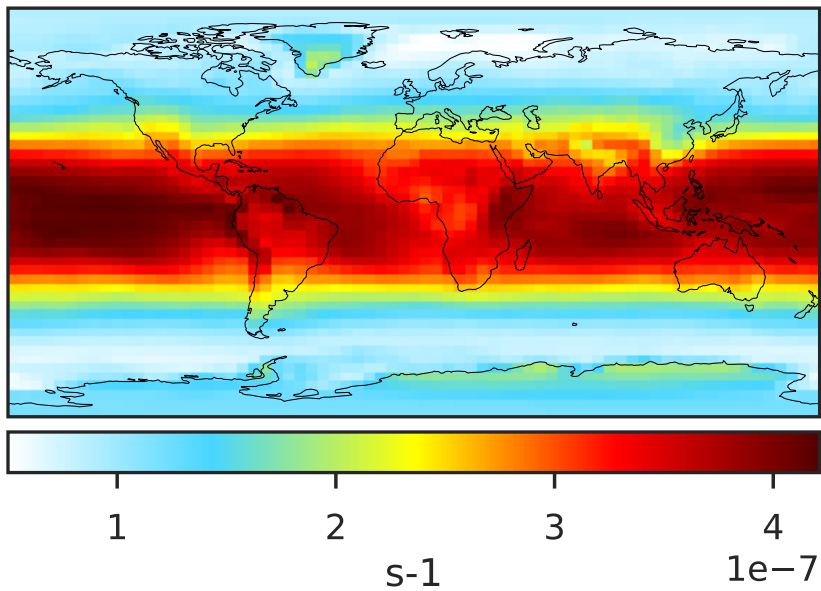


Ratio (1x1.25)
Dev/Ref, Fixed Range

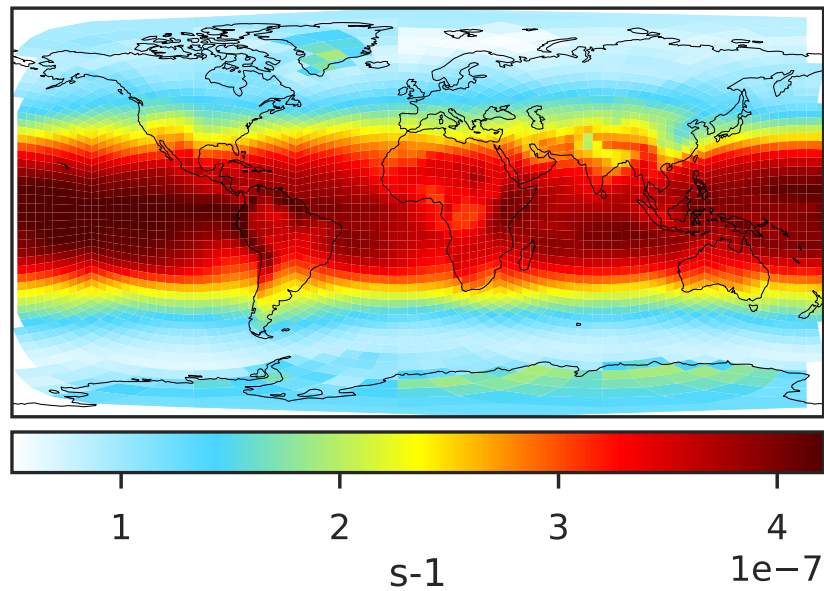


Jval_CHBr3 (AnnualMean)

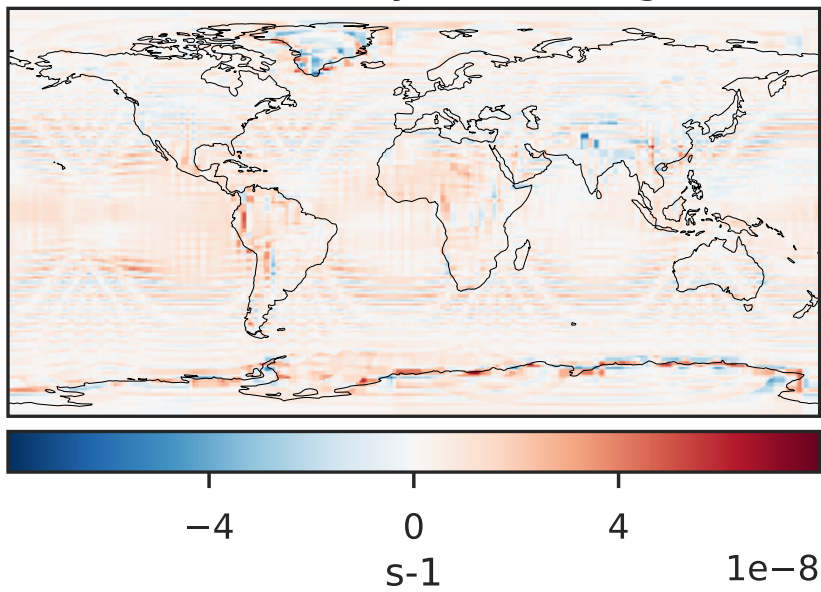
GCC_14.2.0 (Ref)
4.0x5.0



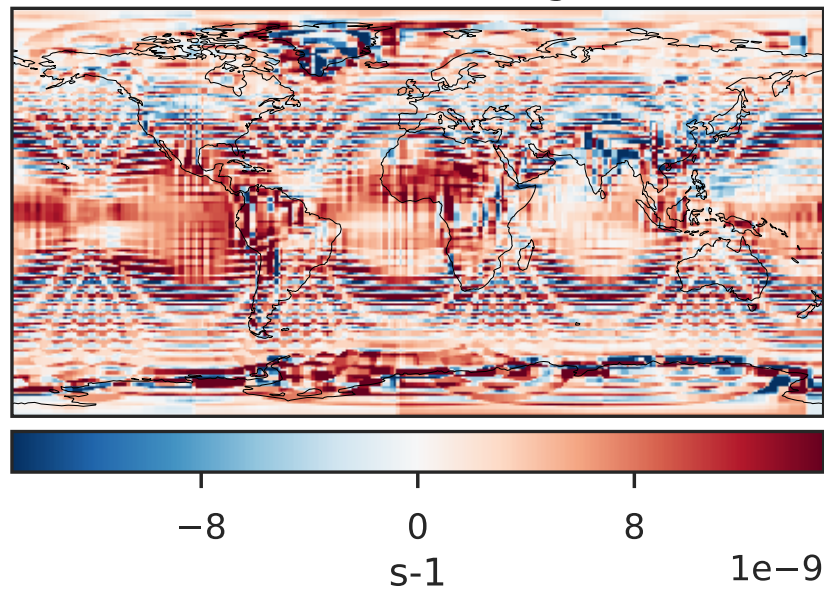
GCHP_14.2.0 (Dev)
c24



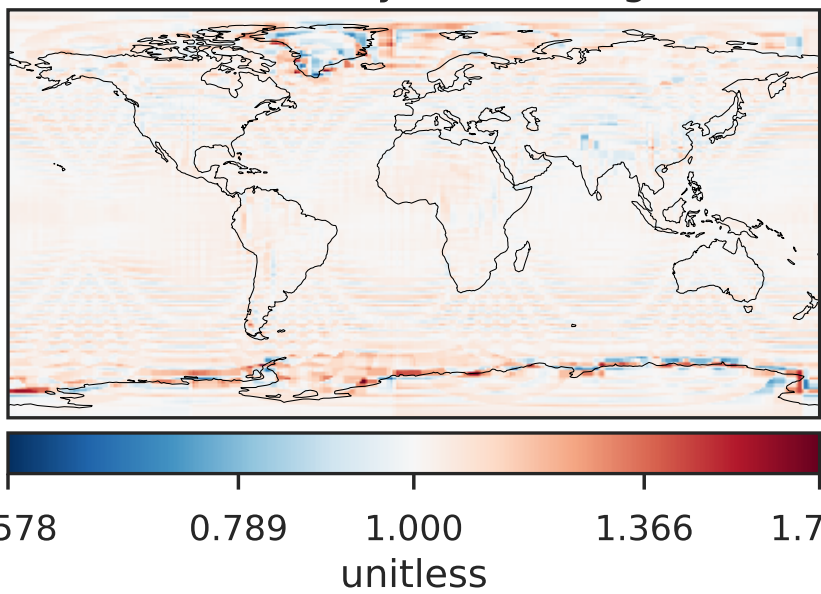
Difference (1x1.25)
Dev - Ref, Dynamic Range



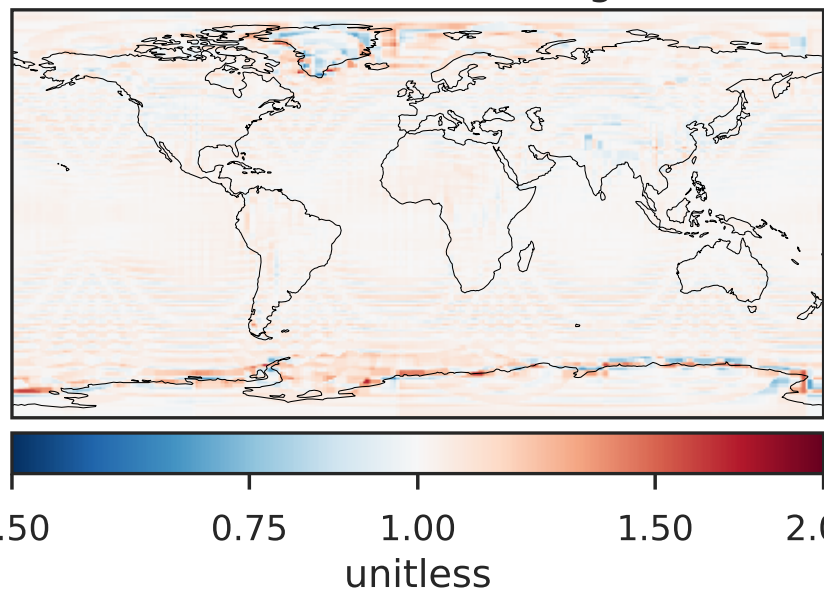
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

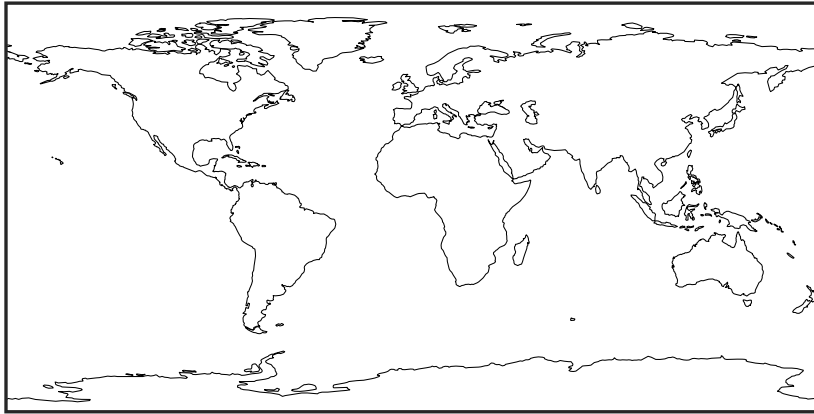


Ratio (1x1.25)
Dev/Ref, Fixed Range



Jval_CHCl3 (AnnualMean)

GCC_14.2.0 (Ref)
4.0x5.0



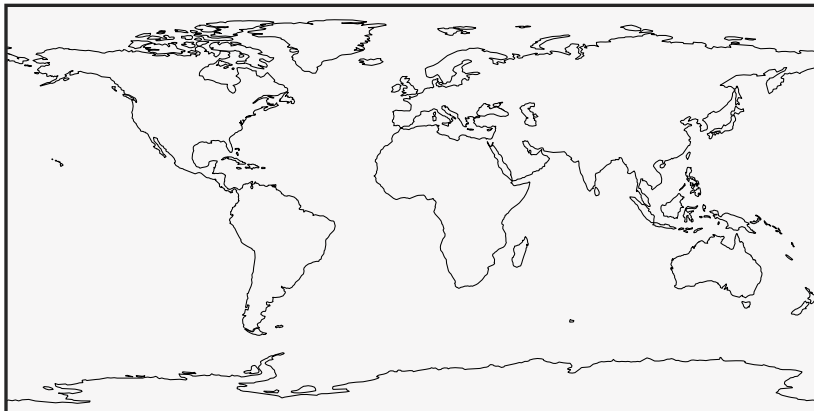
Zero throughout domain
s-1

GCHP_14.2.0 (Dev)
c24



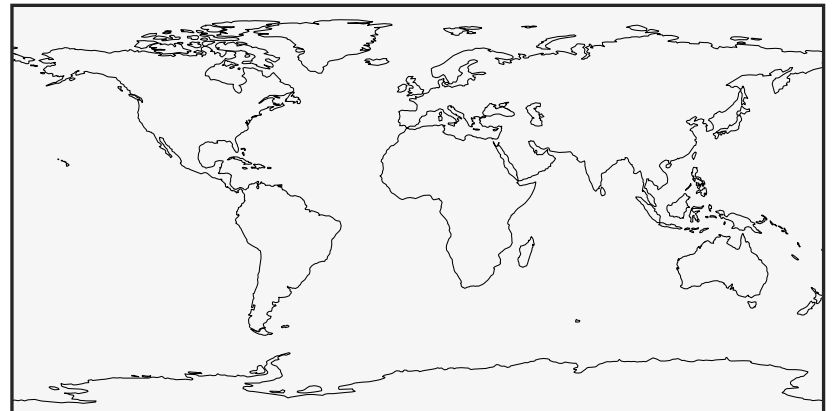
Zero throughout domain
s-1

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



Zero throughout domain
s-1

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



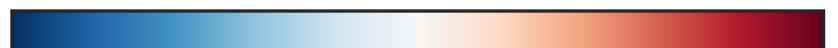
Zero throughout domain
s-1

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



Undefined throughout domain
unitless

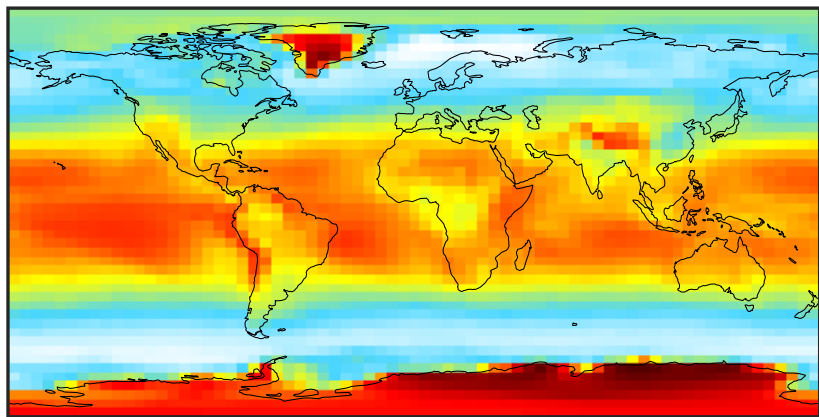
Ratio (1x1.25)
Dev/Ref, Fixed Range



Undefined throughout domain
unitless

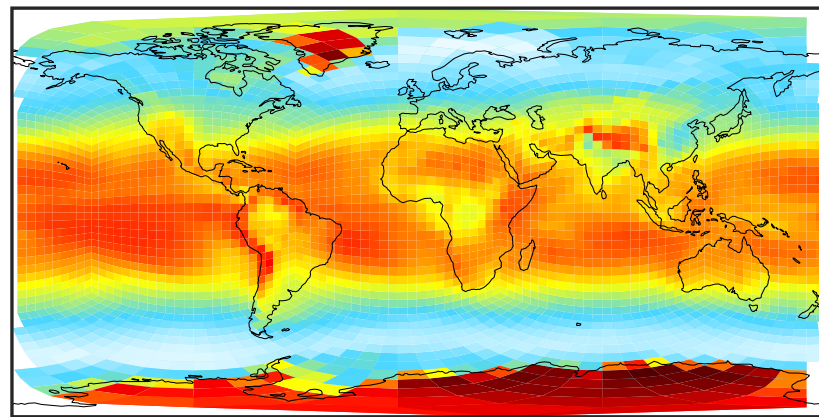
Jval_CI2 (AnnualMean)

GCC_14.2.0 (Ref)
4.0x5.0



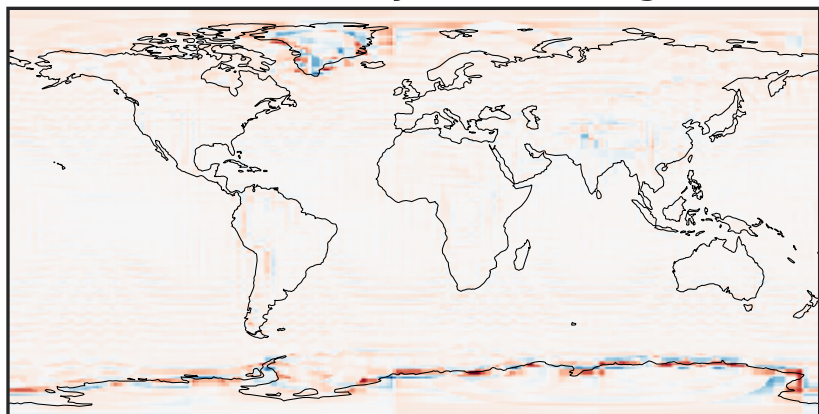
0.00050 0.00075 0.00100
s-1

GCHP_14.2.0 (Dev)
c24



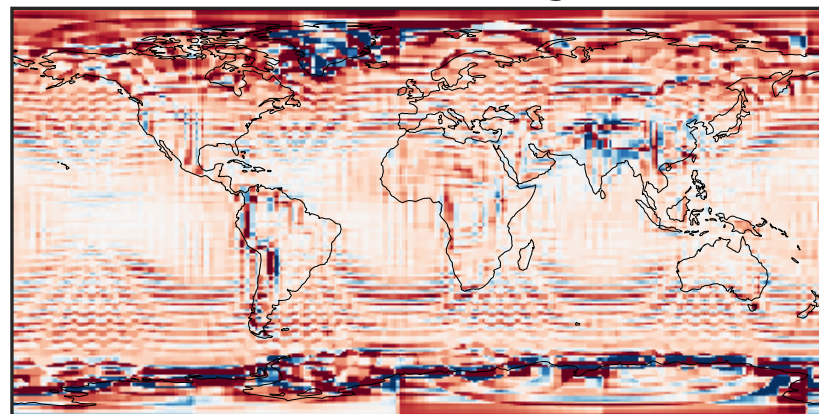
0.00050 0.00075 0.00100
s-1

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



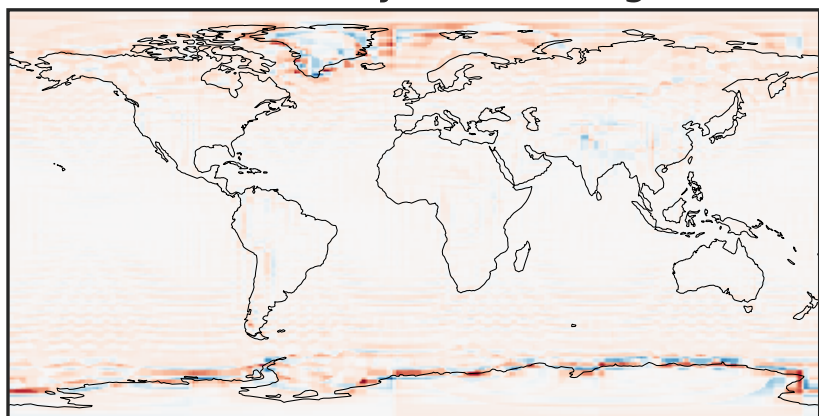
-0.0002 0.0000 0.0002
s-1

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



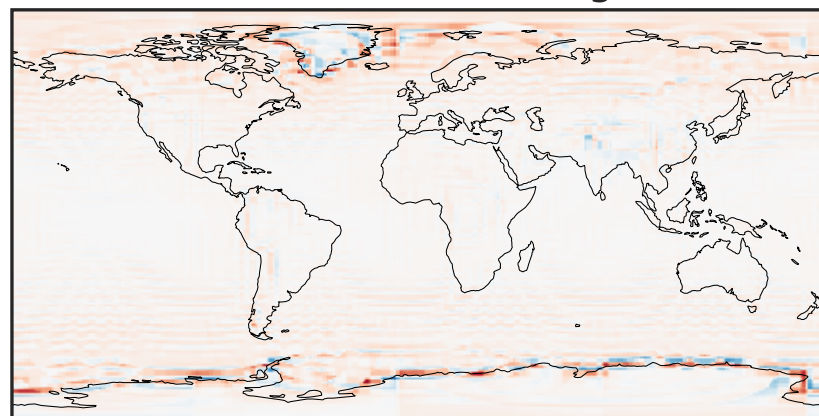
-3 0 3
s-1 1e-5

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



0.522 0.761 1.000 1.458 1.916
unitless

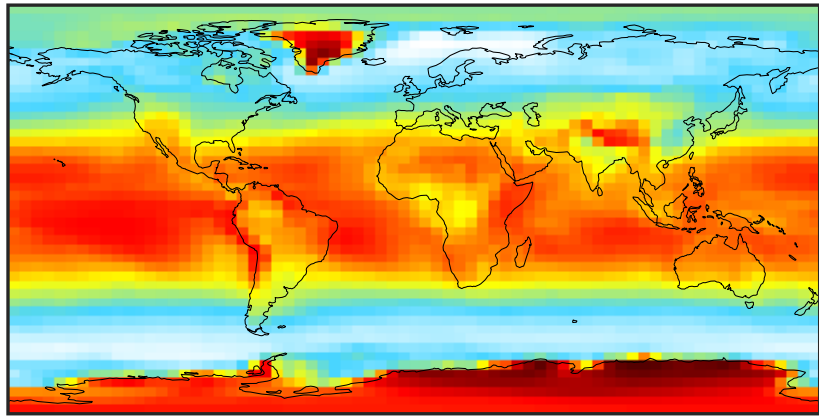
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

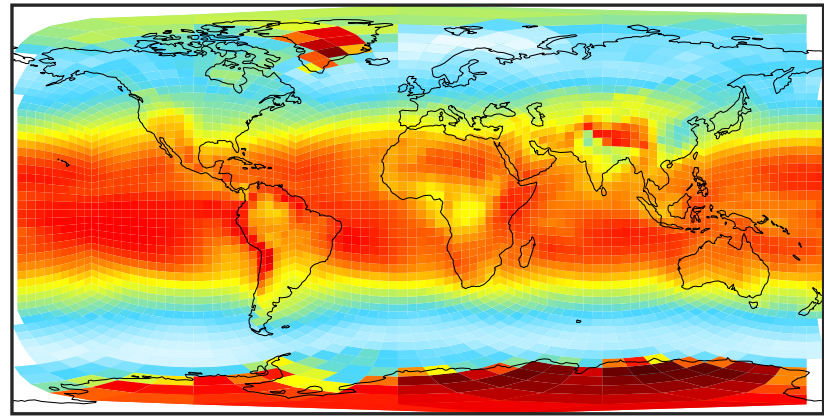
Jval_Cl202 (AnnualMean)

GCC_14.2.0 (Ref)
4.0x5.0



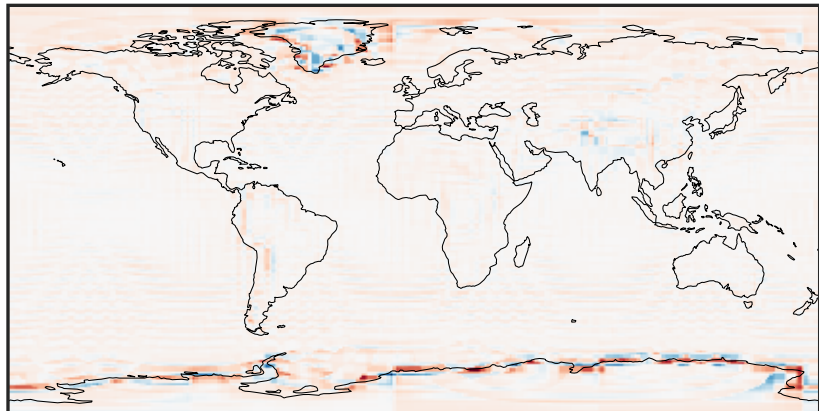
0.0002 0.0004 0.0006 0.0008
s-1

GCHP_14.2.0 (Dev)
c24



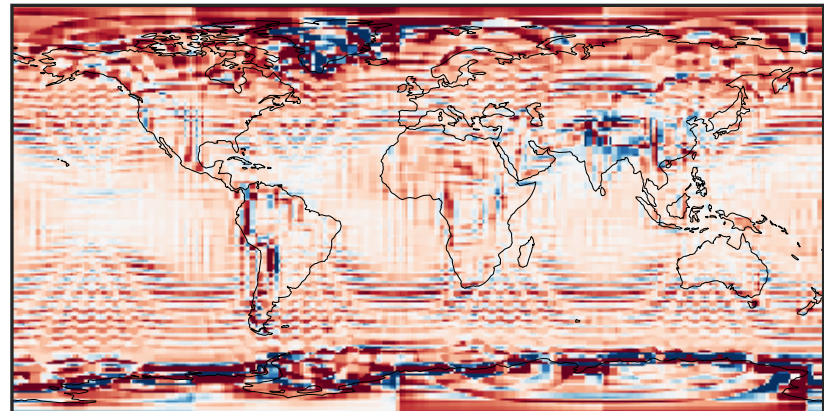
0.0002 0.0004 0.0006 0.0008
s-1

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



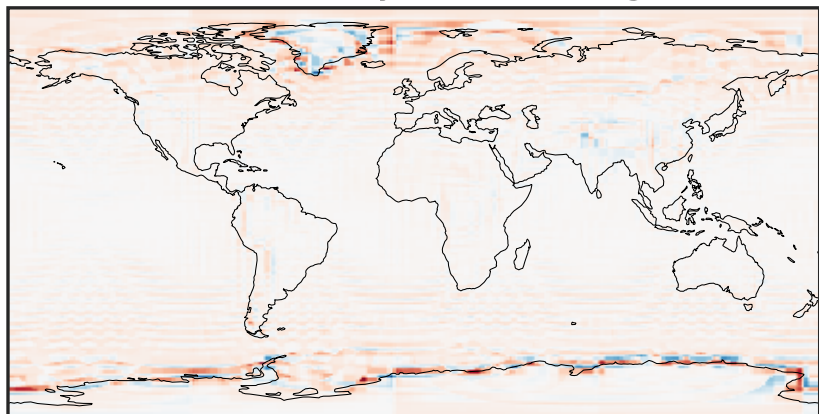
-0.00015 0.0000 0.00015
s-1

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



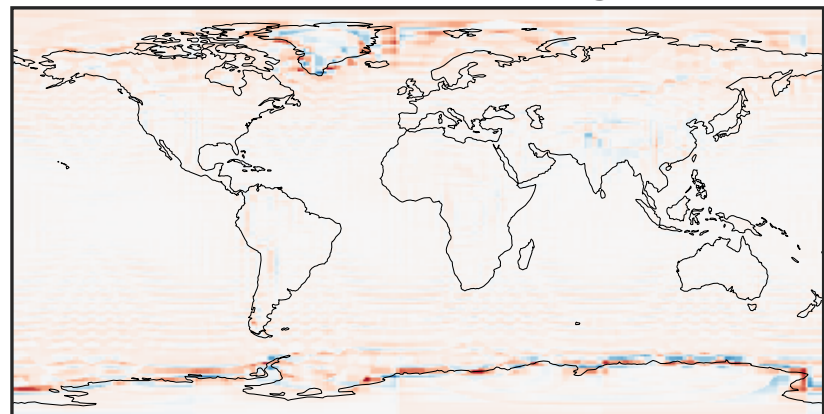
-2 0 2
s-1 1e-5

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



0.522 0.761 1.000 1.458 1.916
unitless

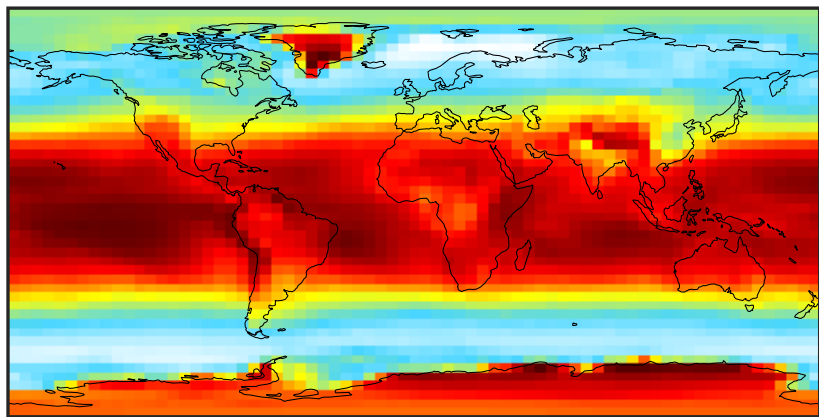
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

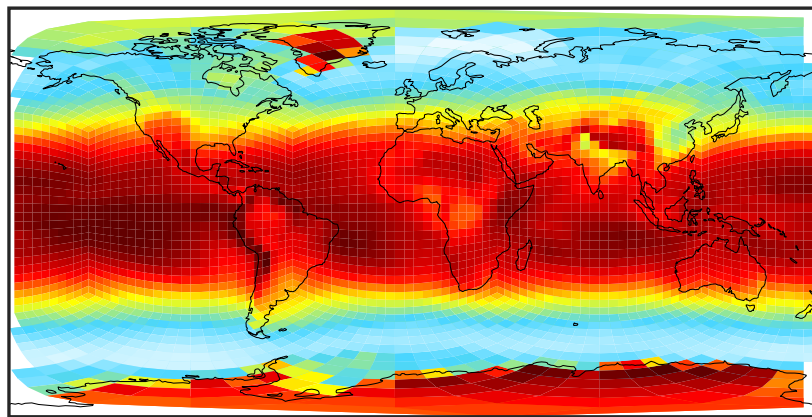
Jval_CIN02 (AnnualMean)

GCC_14.2.0 (Ref)
4.0x5.0



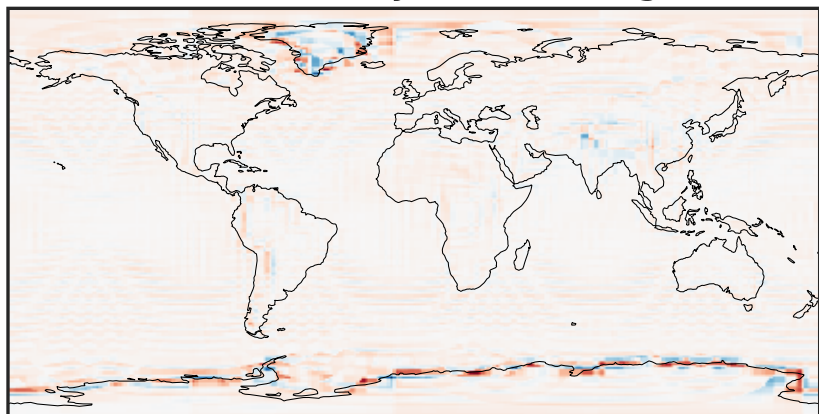
0.00006 0.00009 0.00012
s-1

GCHP_14.2.0 (Dev)
c24



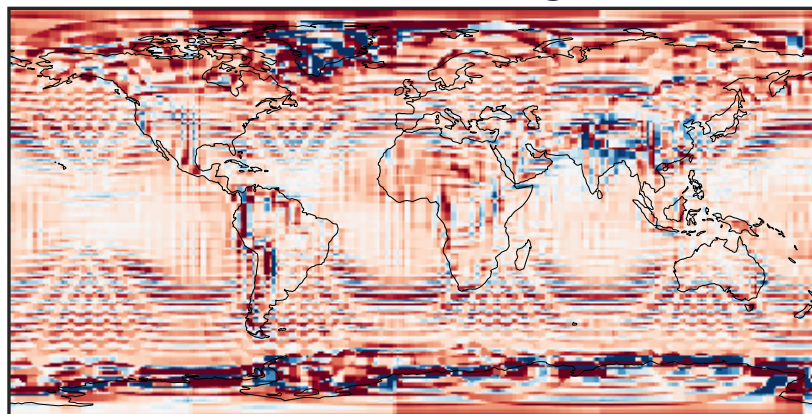
0.00006 0.00009 0.00012
s-1

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



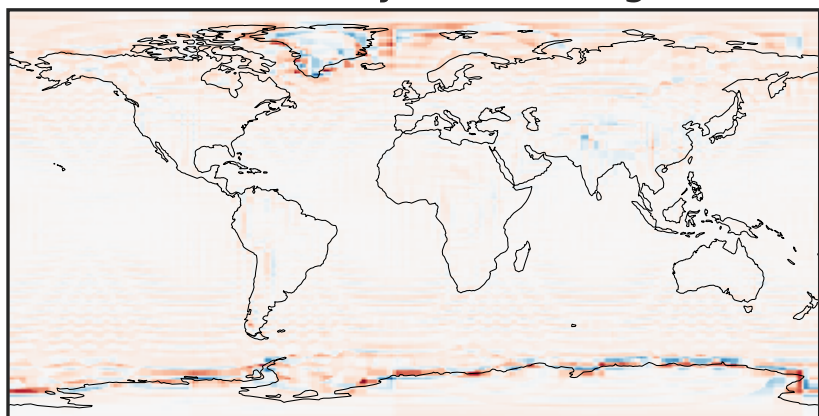
-3 0 3
s-1 1e-5

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



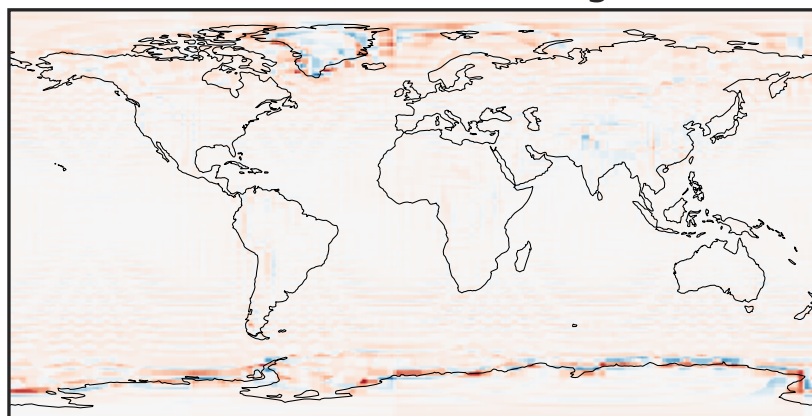
-4 0 4
s-1 1e-6

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



0.531 0.765 1.000 1.442 1.883
unitless

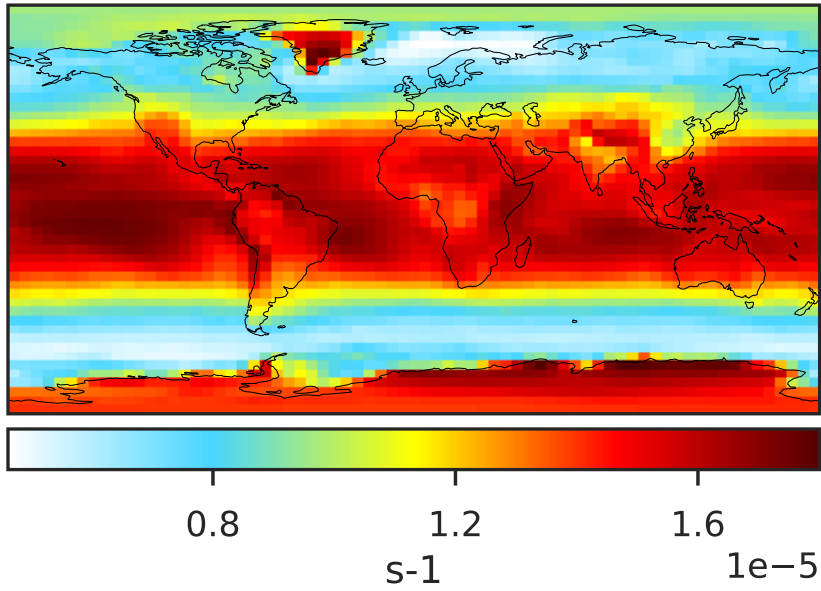
Ratio (1x1.25)
Dev/Ref, Fixed Range



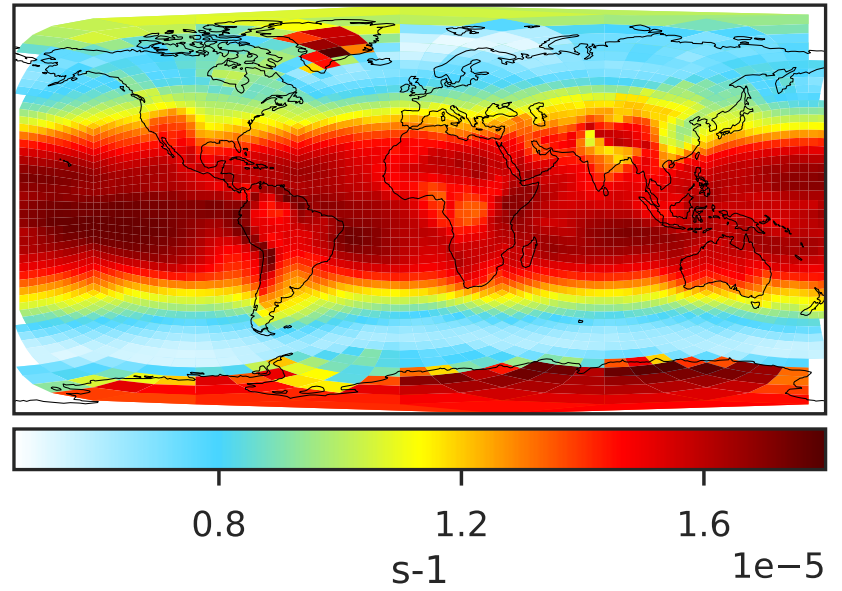
0.50 0.75 1.00 1.50 2.00
unitless

Jval_CIN03 (AnnualMean)

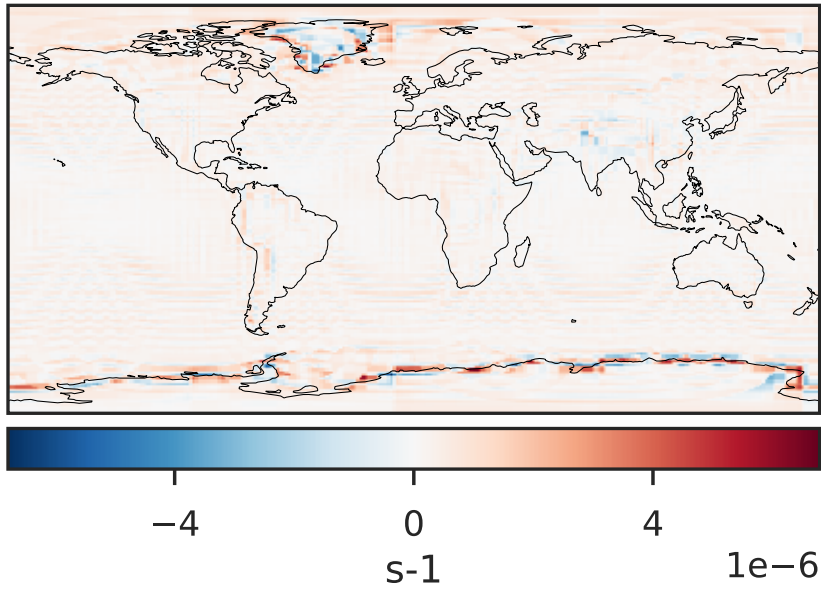
GCC_14.2.0 (Ref)
4.0x5.0



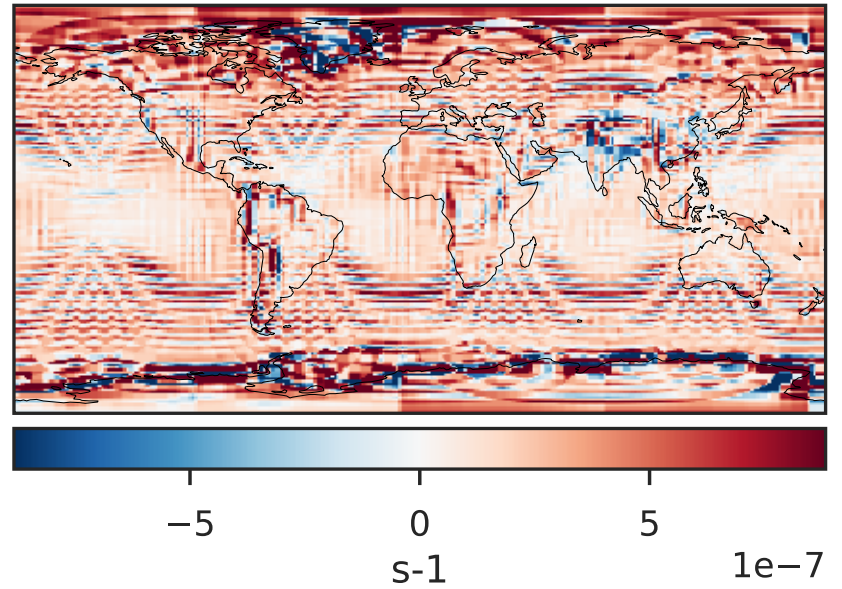
GCHP_14.2.0 (Dev)
c24



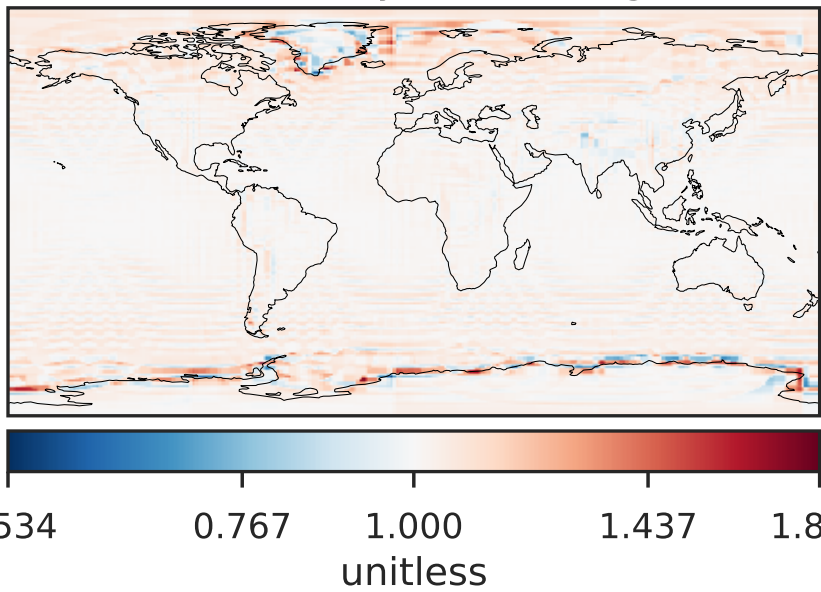
Difference (1x1.25)
Dev - Ref, Dynamic Range



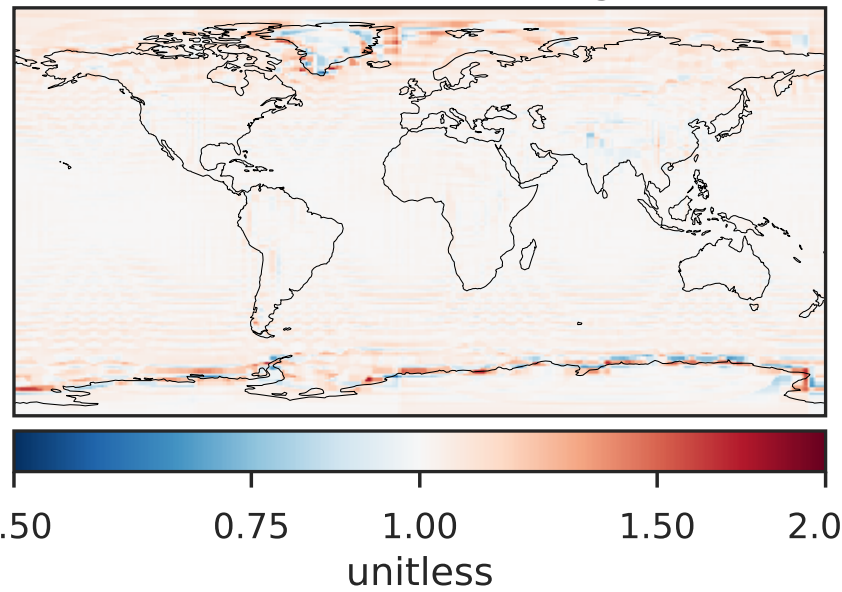
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

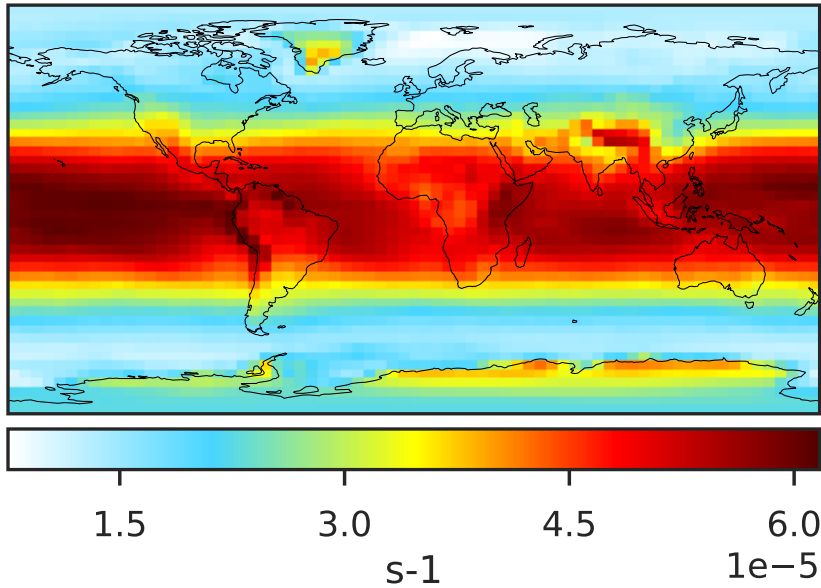


Ratio (1x1.25)
Dev/Ref, Fixed Range

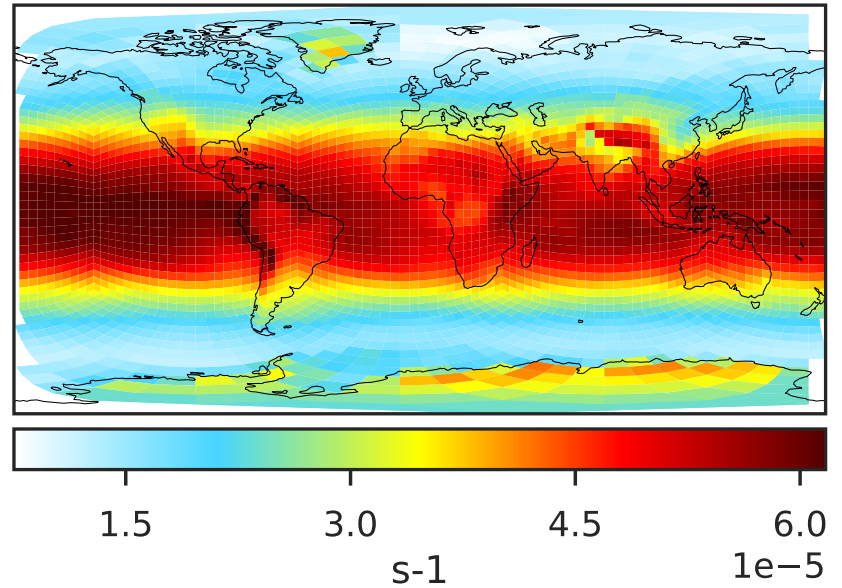


Jval_CIO (AnnualMean)

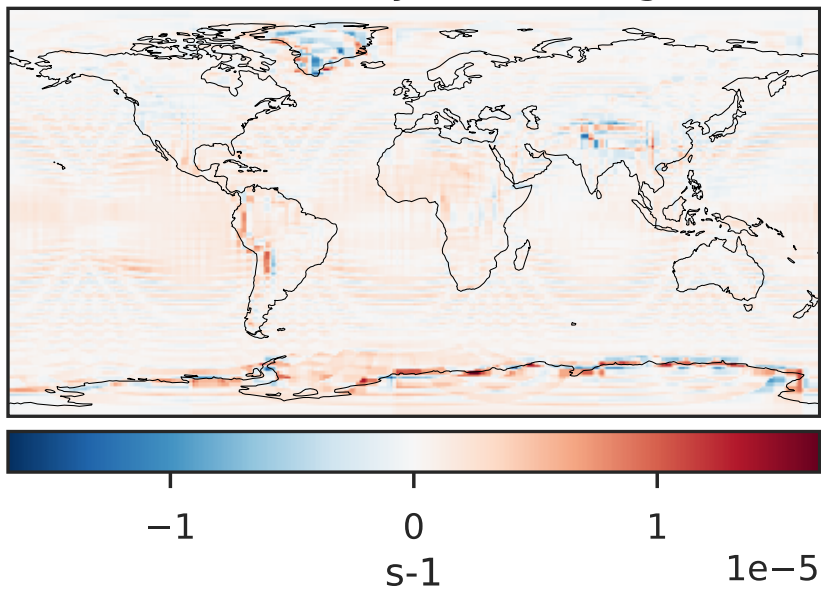
GCC_14.2.0 (Ref)
4.0x5.0



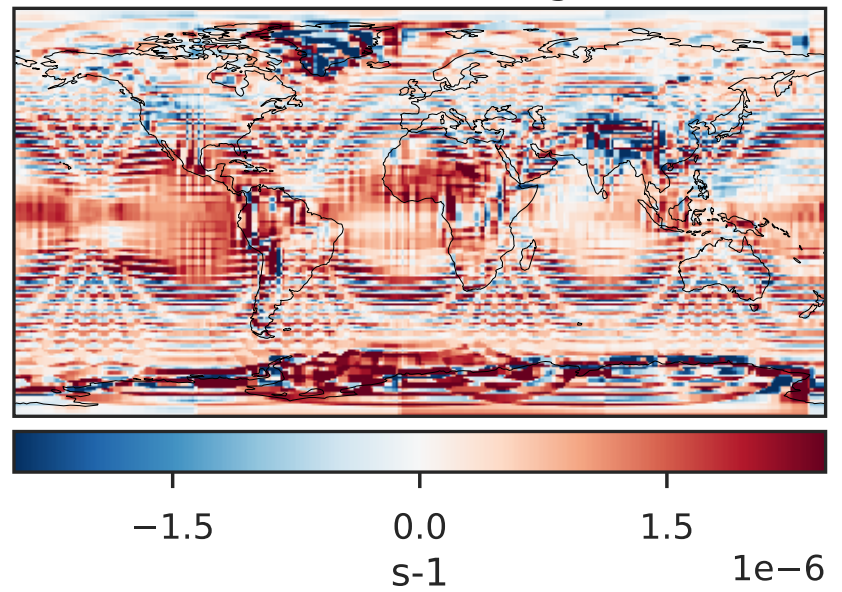
GCHP_14.2.0 (Dev)
c24



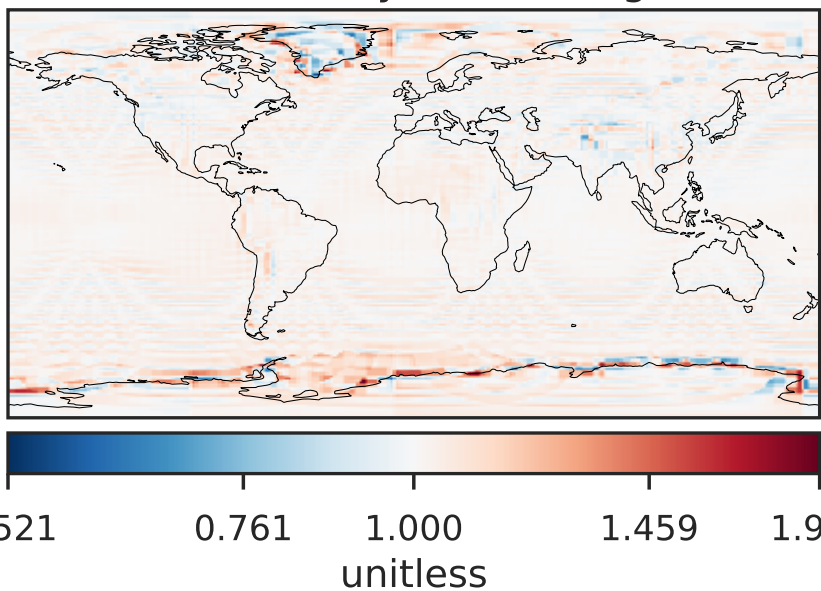
Difference (1x1.25)
Dev - Ref, Dynamic Range



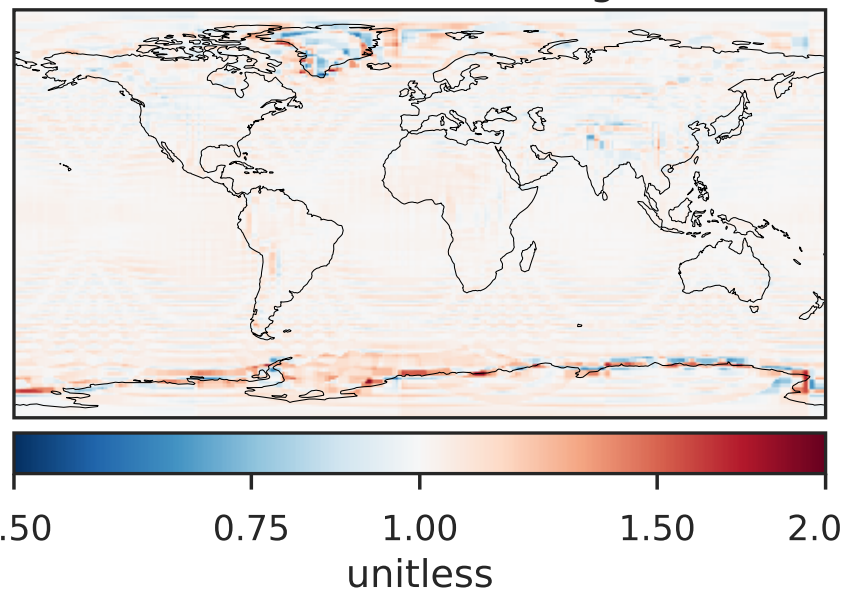
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

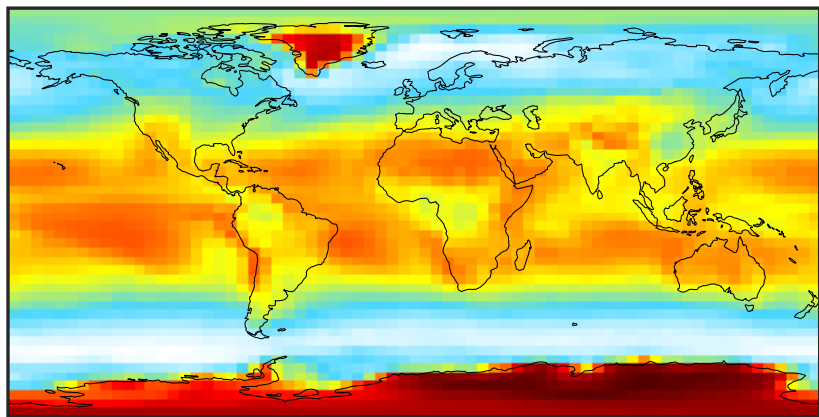


Ratio (1x1.25)
Dev/Ref, Fixed Range



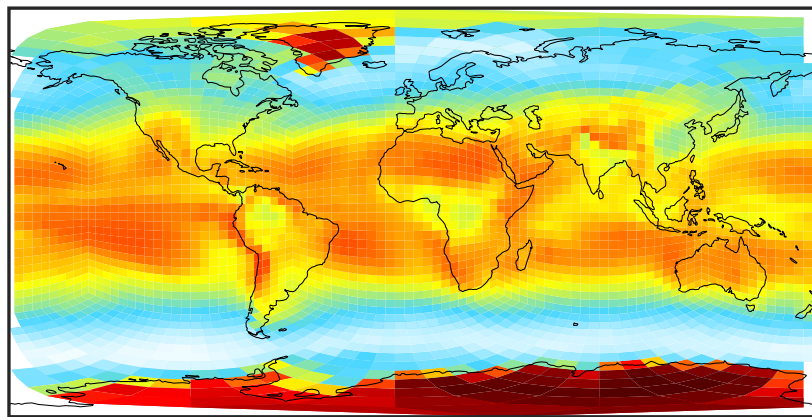
Jval_C100 (AnnualMean)

GCC_14.2.0 (Ref)
4.0x5.0



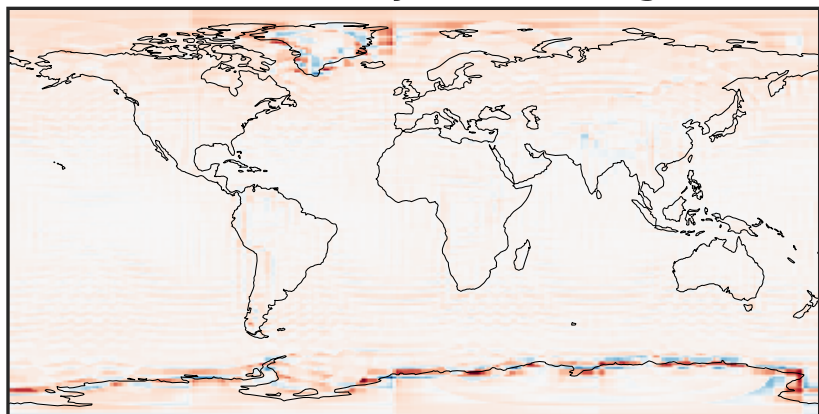
0.0640692 0.1081 0.1622 0.2854
s-1

GCHP_14.2.0 (Dev)
c24



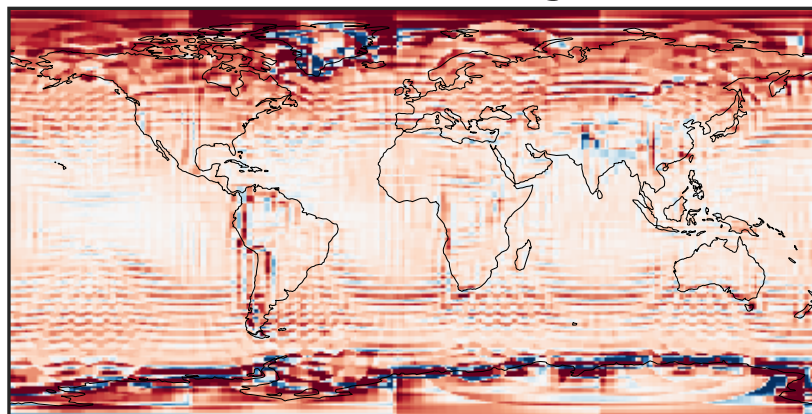
0.0640692 0.1081 0.1622 0.2854
s-1

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



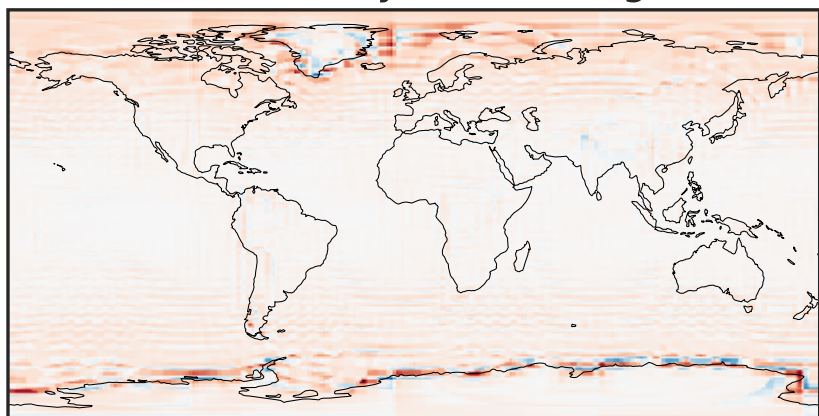
-0.1012 -0.0506 0.0000 0.0506 0.1012
s-1

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



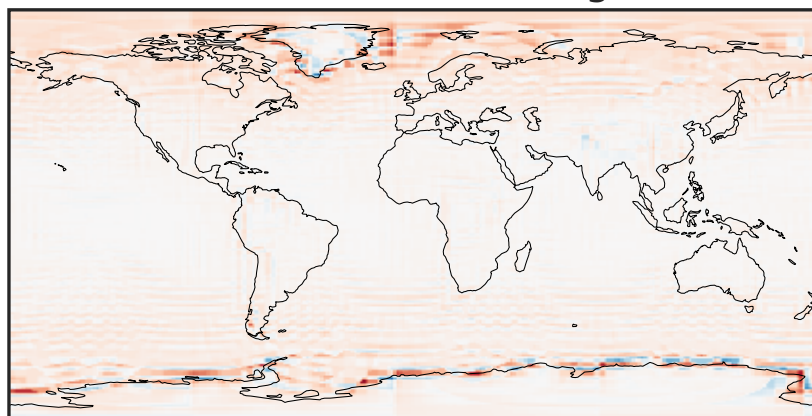
-0.01 0.00 0.01
s-1

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



0.543 0.771 1.000 1.421 1.843
unitless

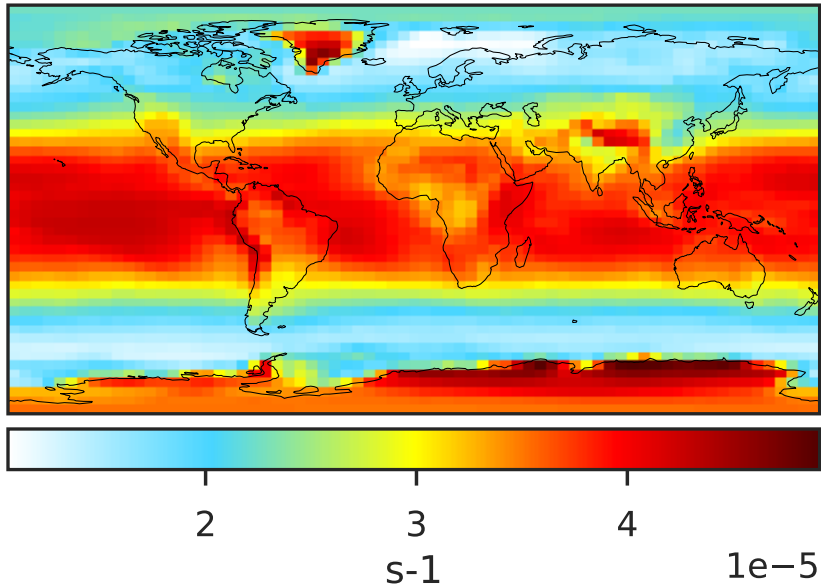
Ratio (1x1.25)
Dev/Ref, Fixed Range



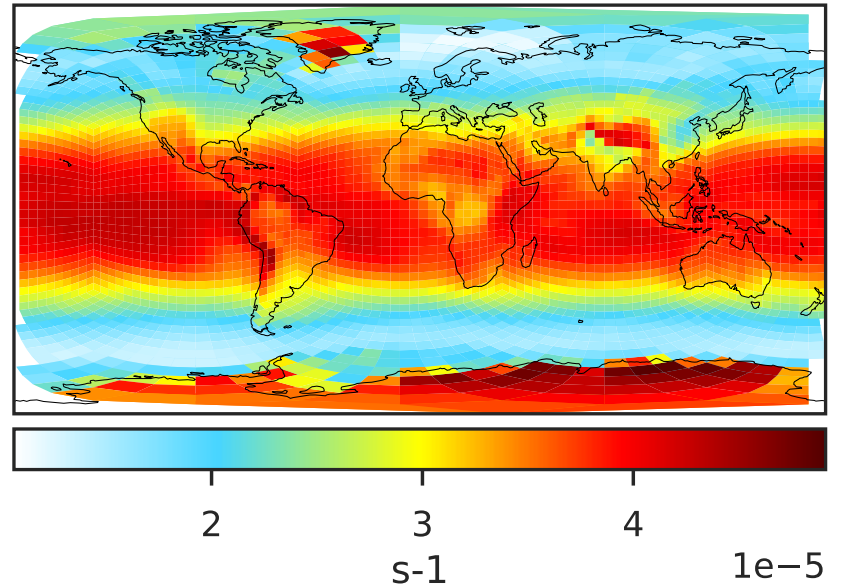
0.50 0.75 1.00 1.50 2.00
unitless

Jval_ETHLN (AnnualMean)

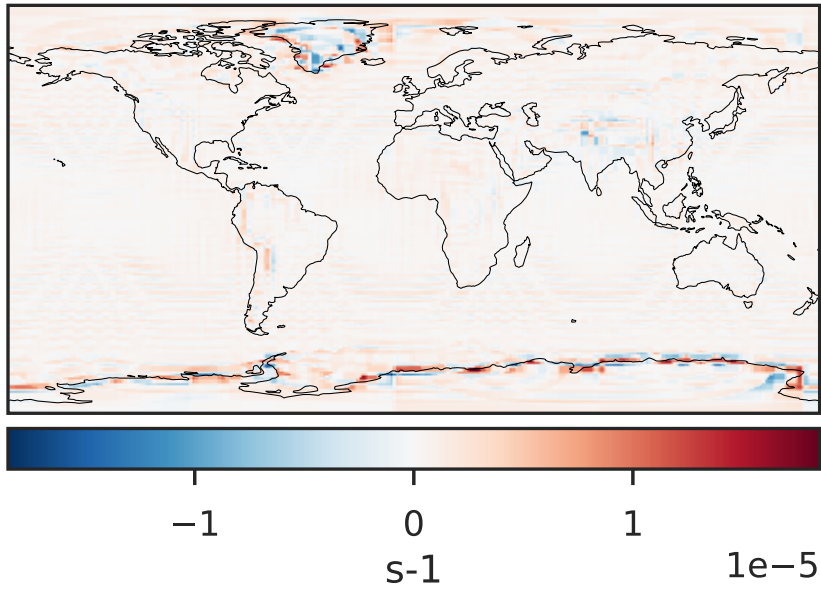
GCC_14.2.0 (Ref)
4.0x5.0



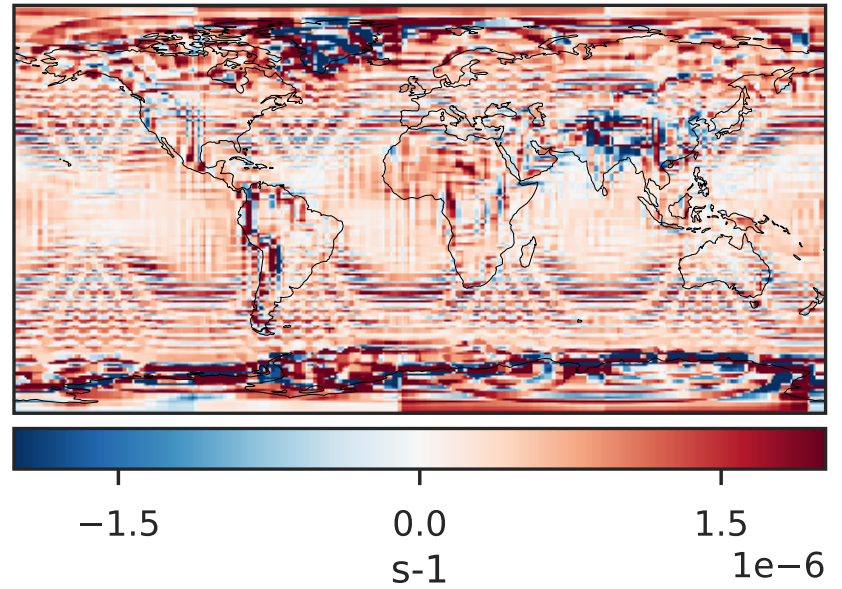
GCHP_14.2.0 (Dev)
c24



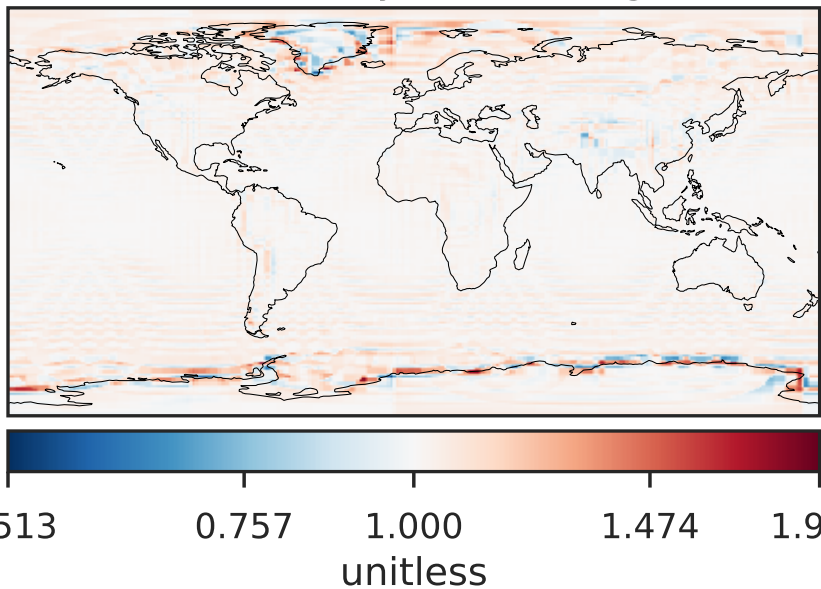
Difference (1x1.25)
Dev - Ref, Dynamic Range



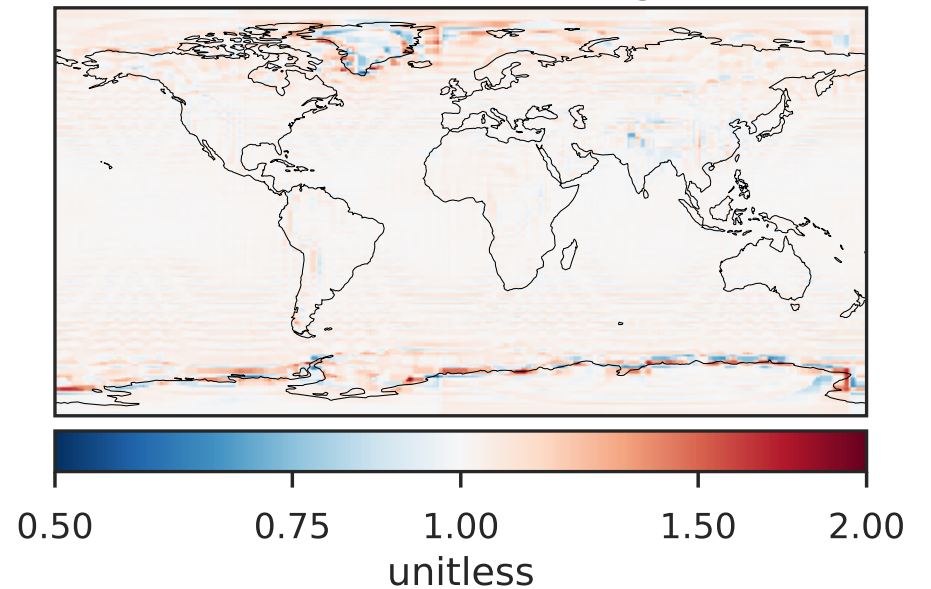
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

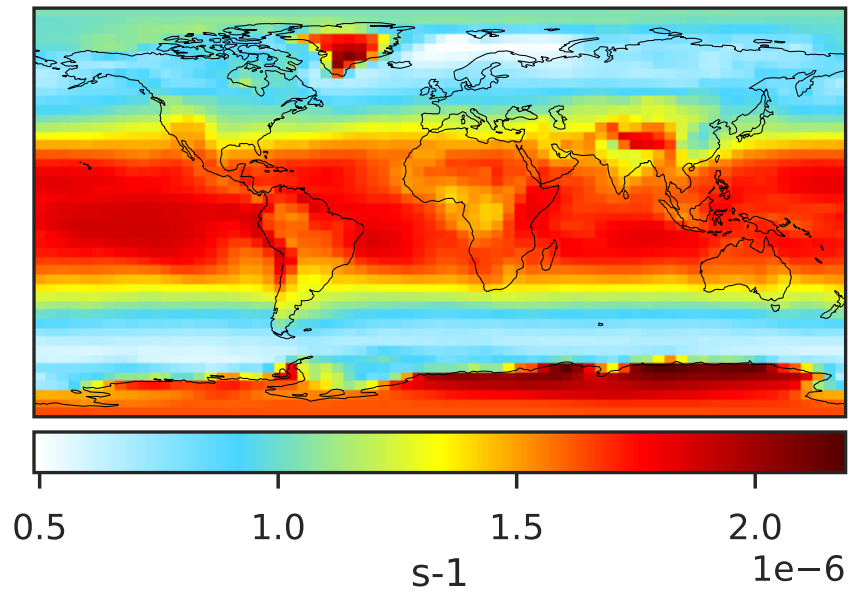


Ratio (1x1.25)
Dev/Ref, Fixed Range

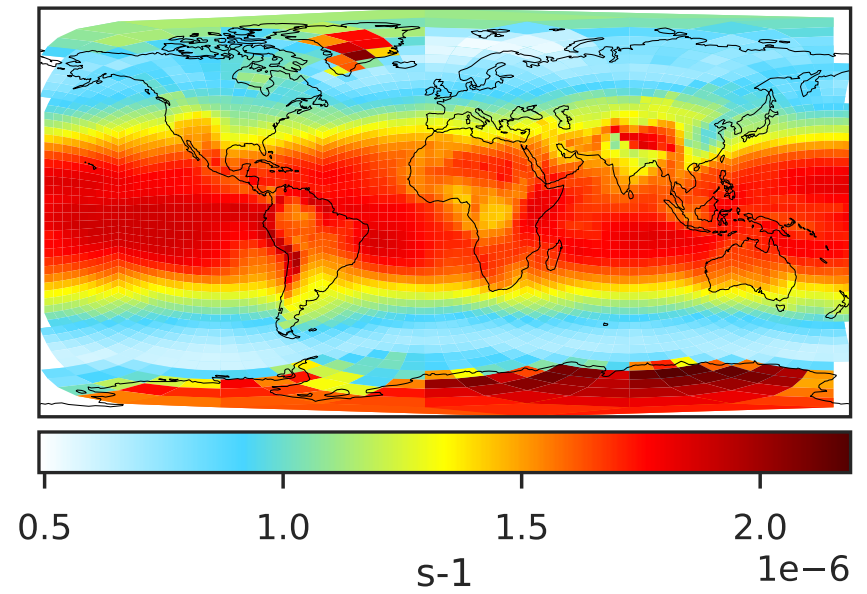


Jval_ETHP (AnnualMean)

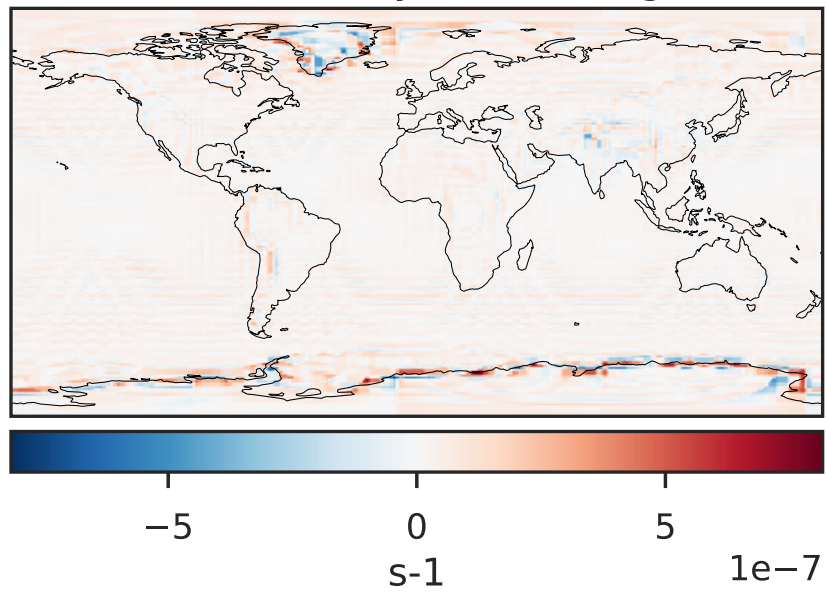
GCC_14.2.0 (Ref)
4.0x5.0



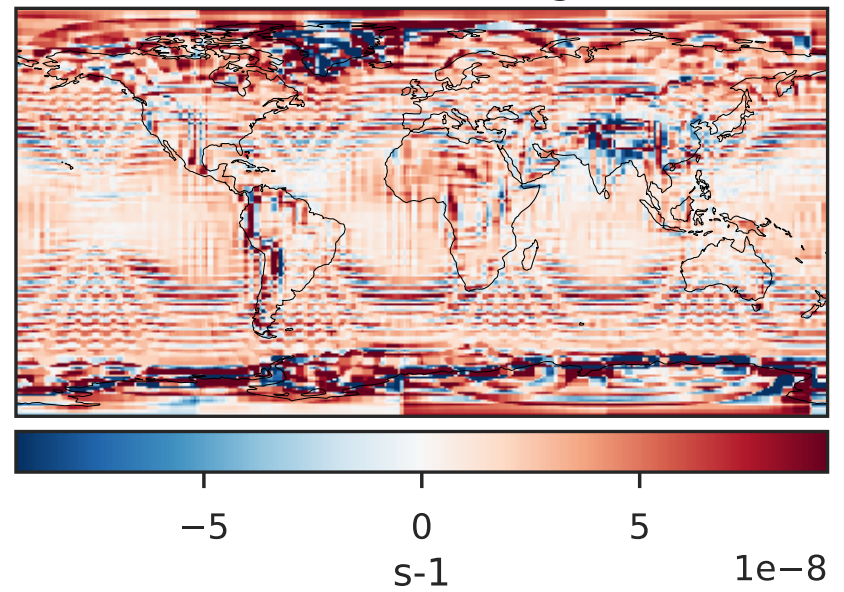
GCHP_14.2.0 (Dev)
c24



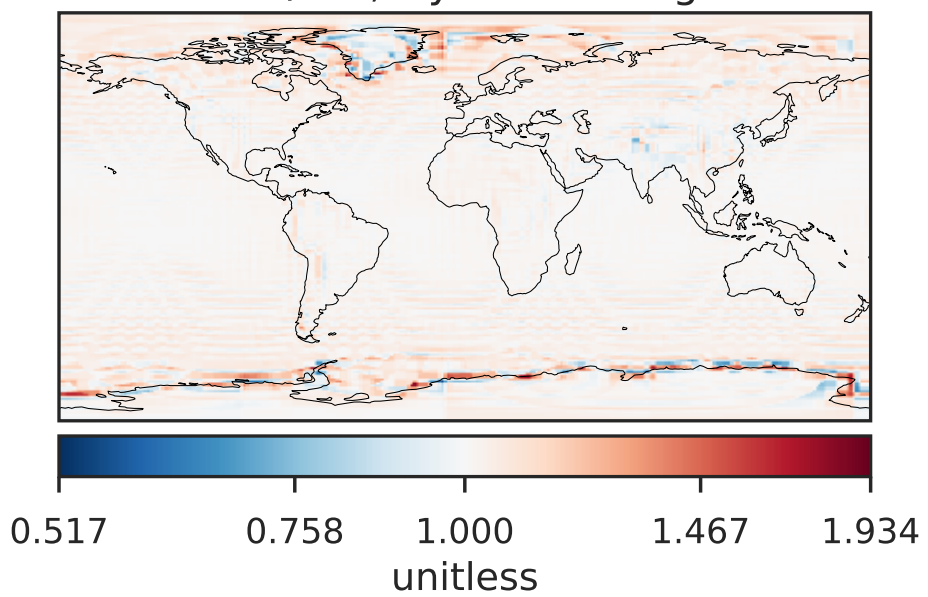
Difference (1x1.25)
Dev - Ref, Dynamic Range



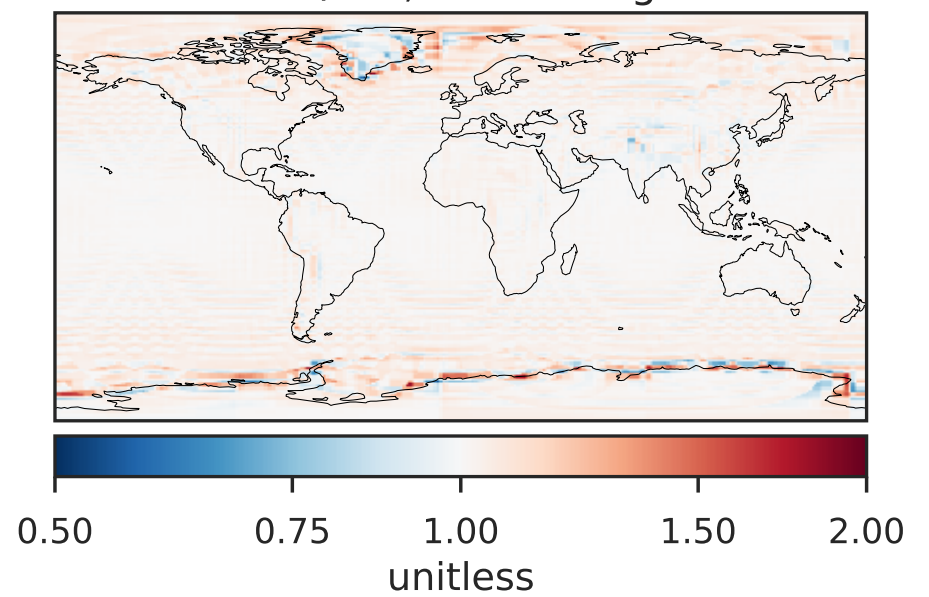
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

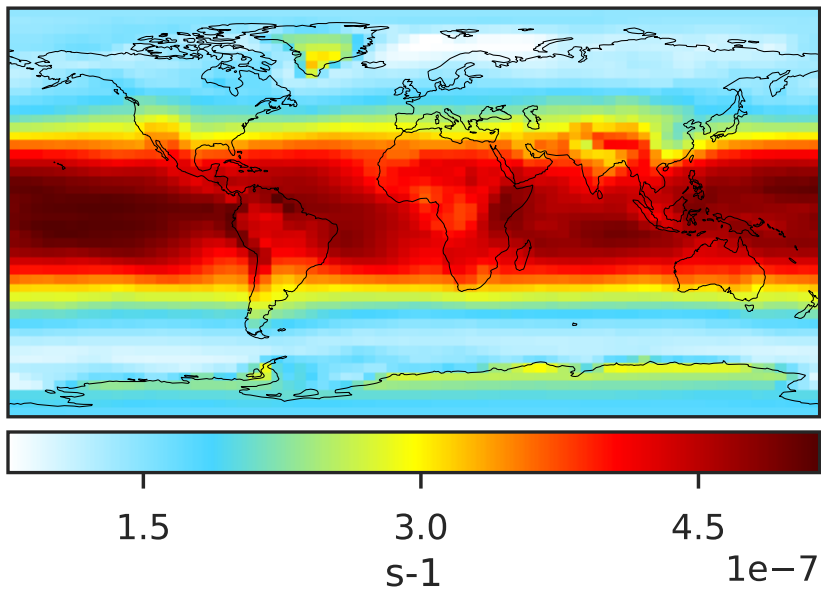


Ratio (1x1.25)
Dev/Ref, Fixed Range

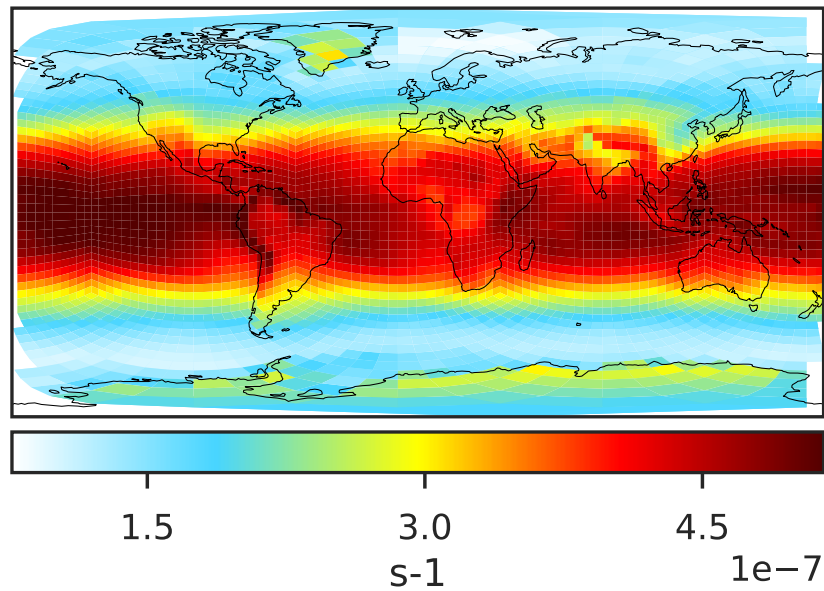


Jval_ETNO3 (AnnualMean)

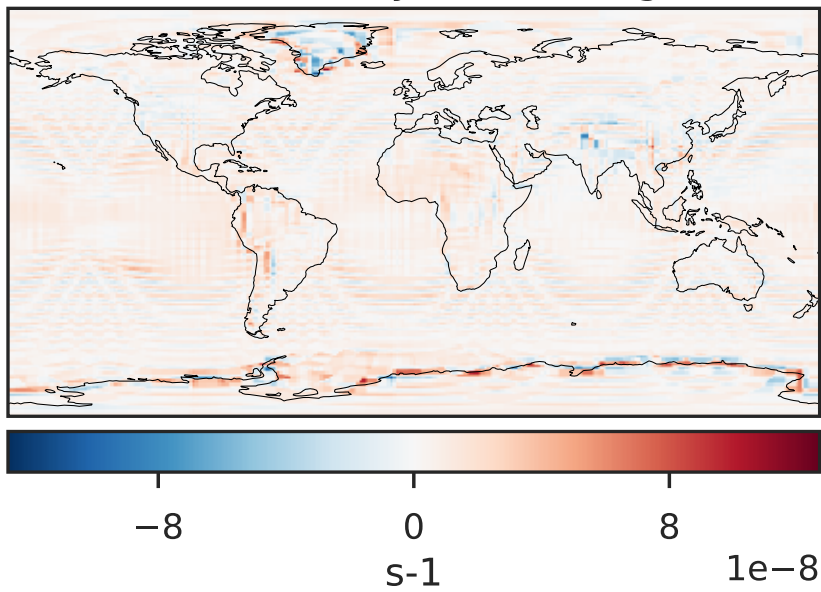
GCC_14.2.0 (Ref)
4.0x5.0



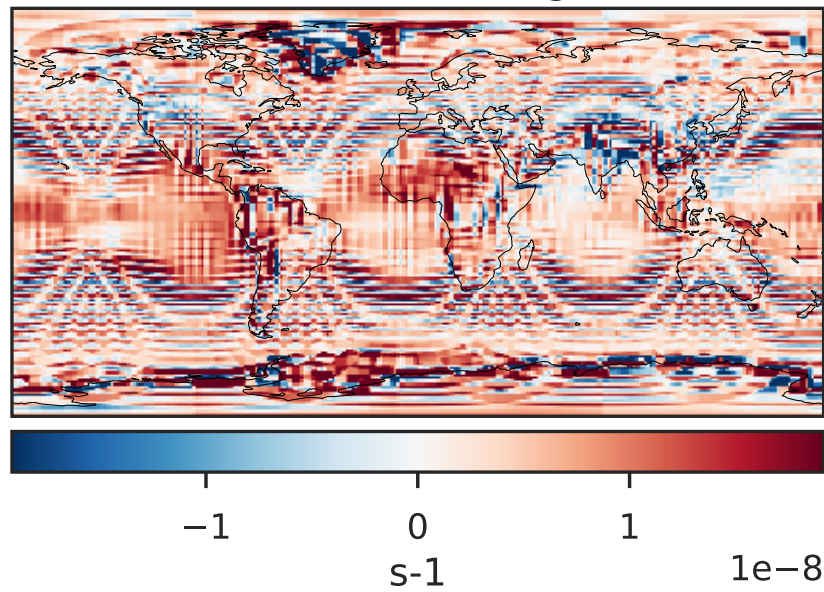
GCHP_14.2.0 (Dev)
c24



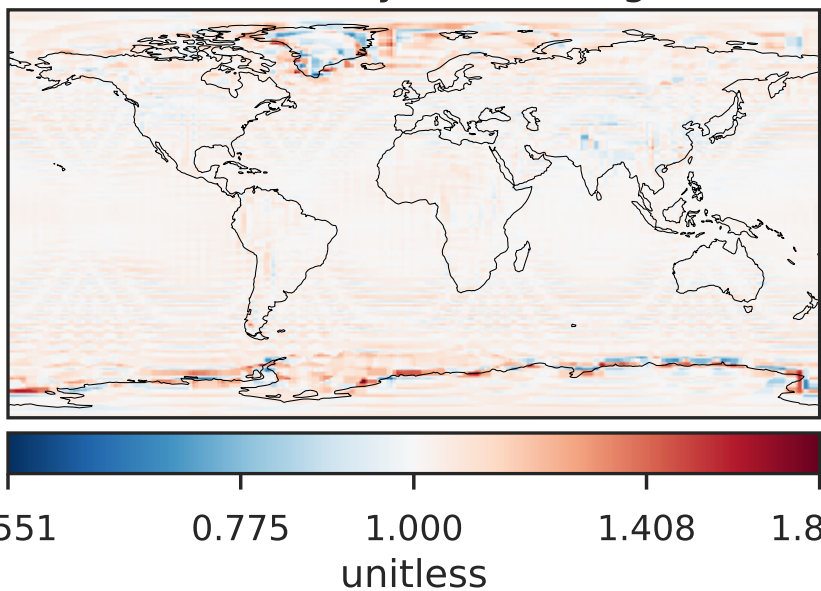
Difference (1x1.25)
Dev - Ref, Dynamic Range



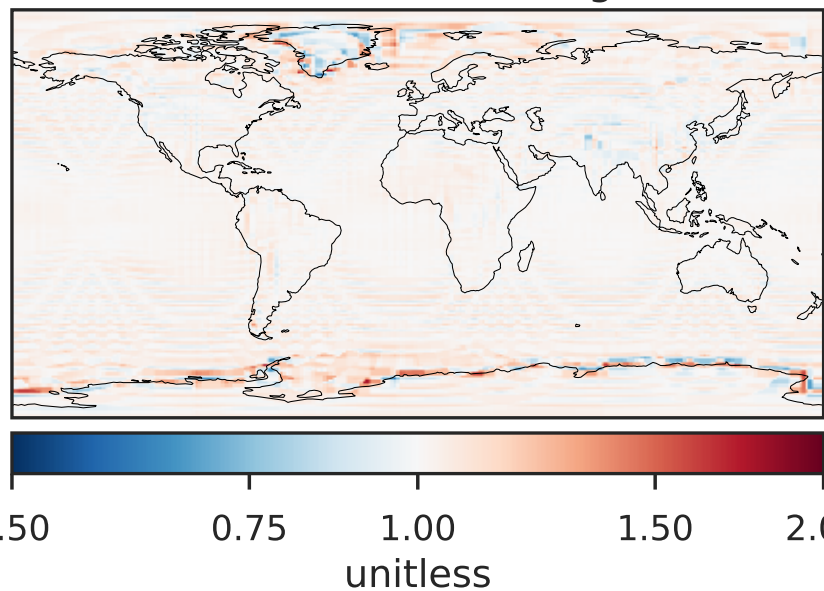
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

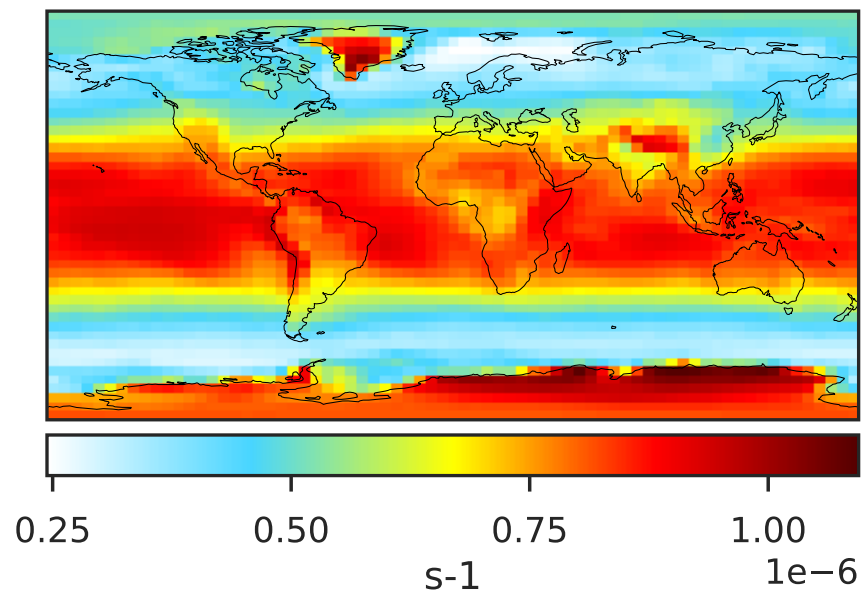


Ratio (1x1.25)
Dev/Ref, Fixed Range

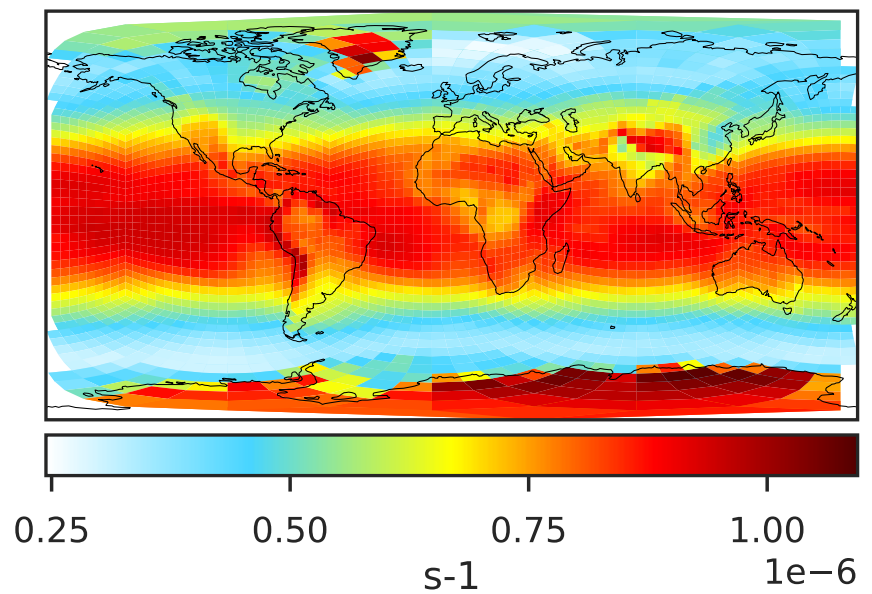


Jval_ETP (AnnualMean)

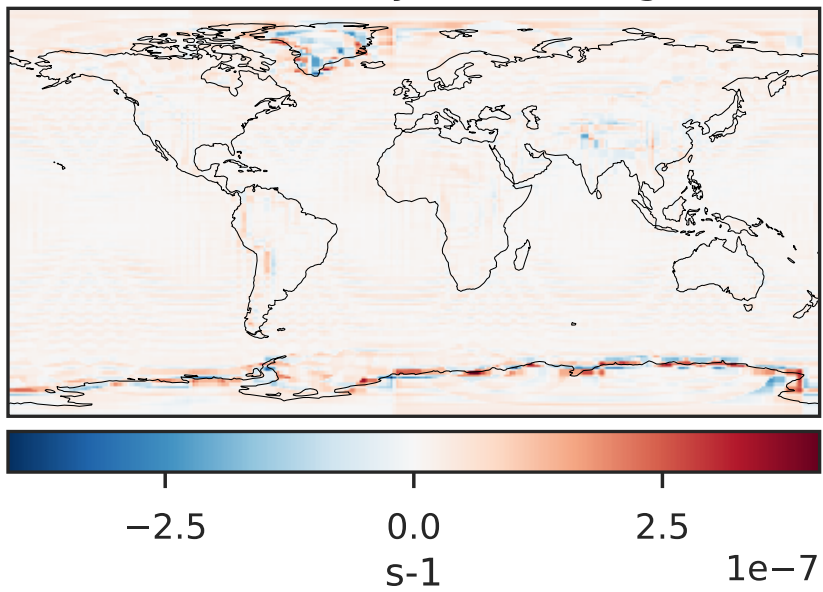
GCC_14.2.0 (Ref)
4.0x5.0



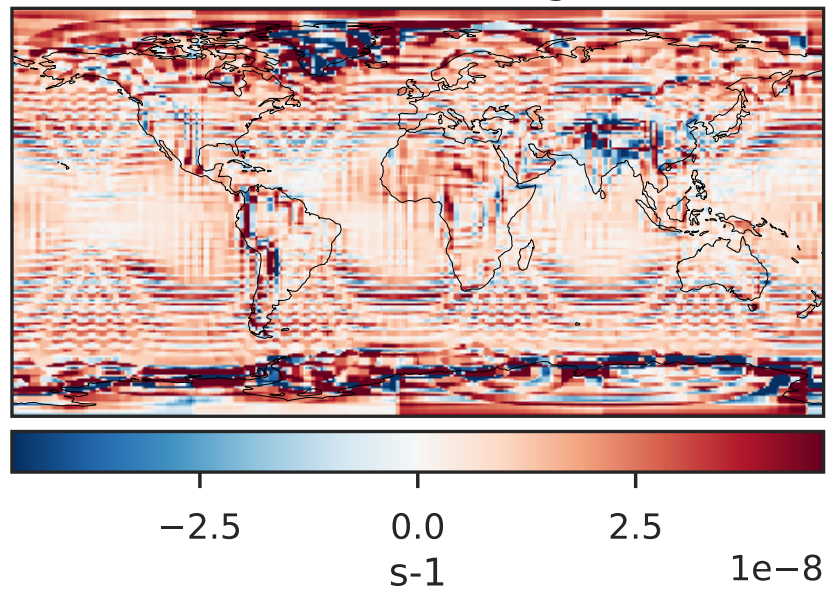
GCHP_14.2.0 (Dev)
c24



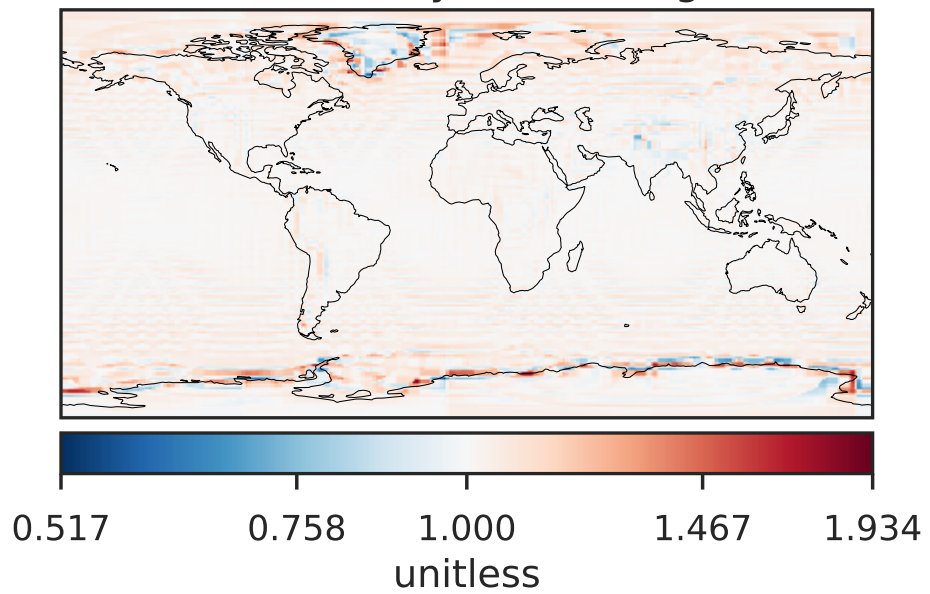
Difference (1x1.25)
Dev - Ref, Dynamic Range



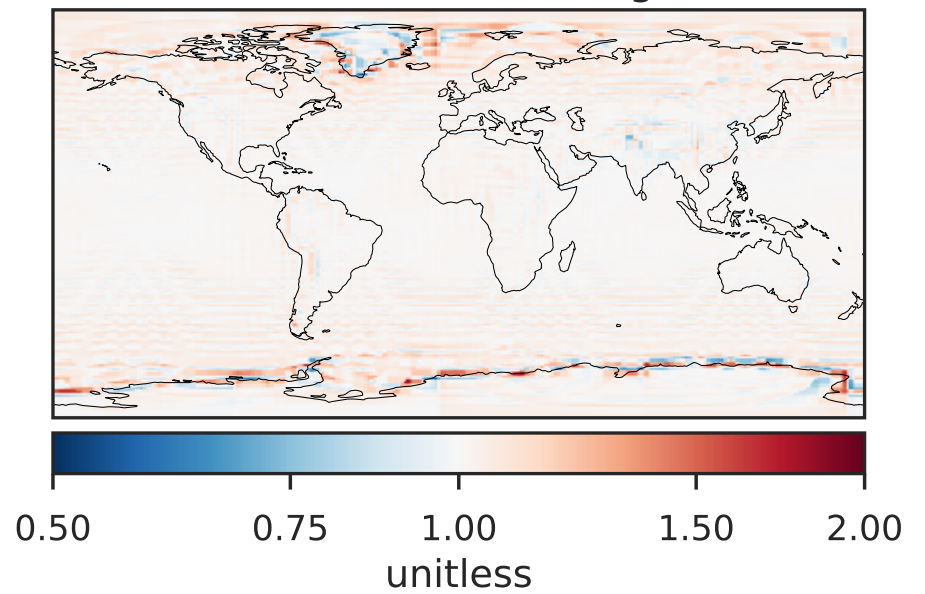
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

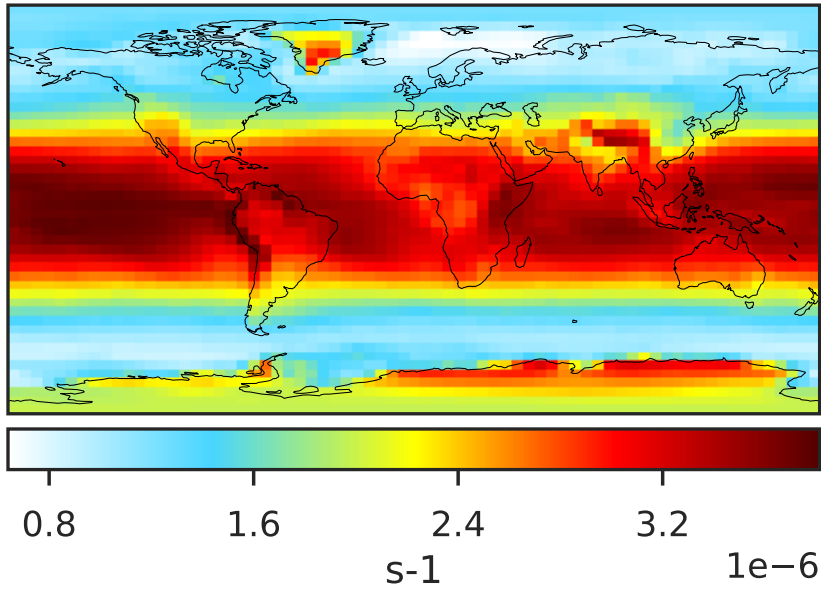


Ratio (1x1.25)
Dev/Ref, Fixed Range

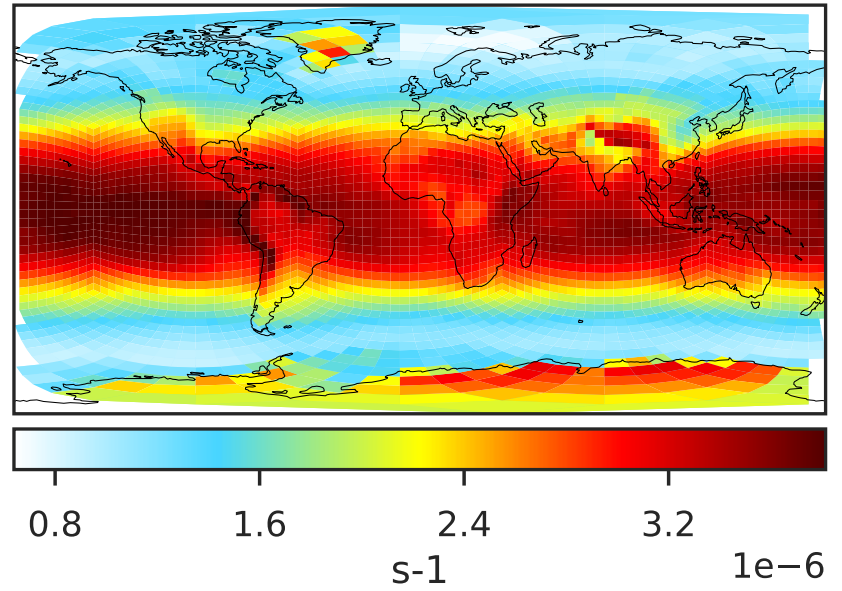


Jval_GLYC (AnnualMean)

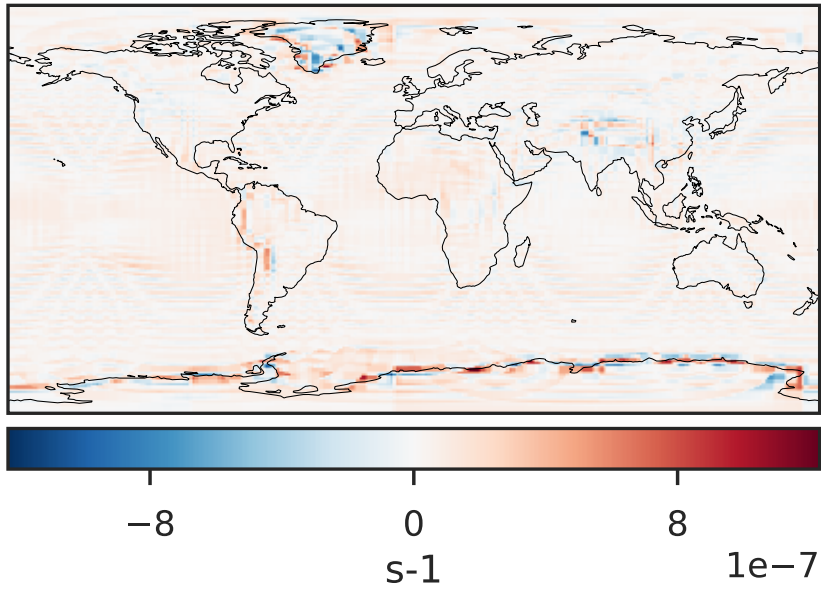
GCC_14.2.0 (Ref)
4.0x5.0



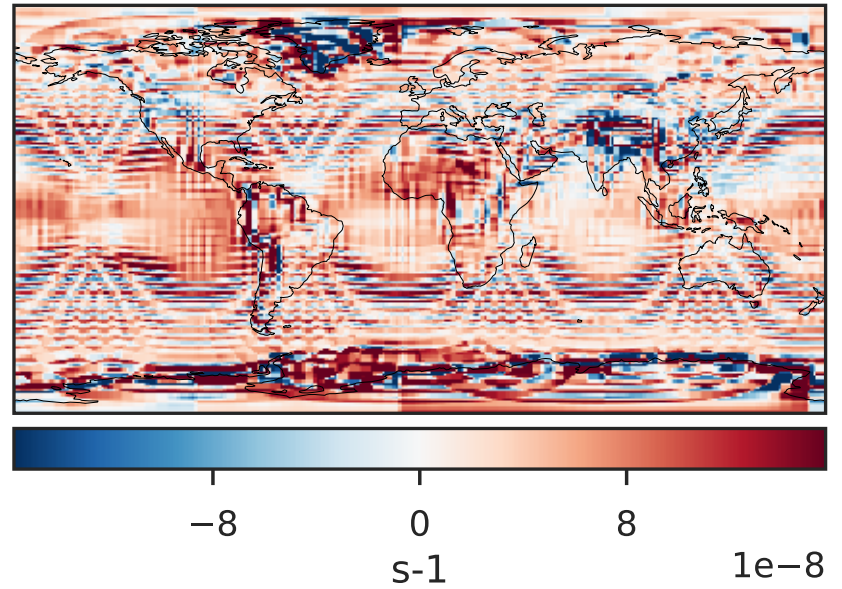
GCHP_14.2.0 (Dev)
c24



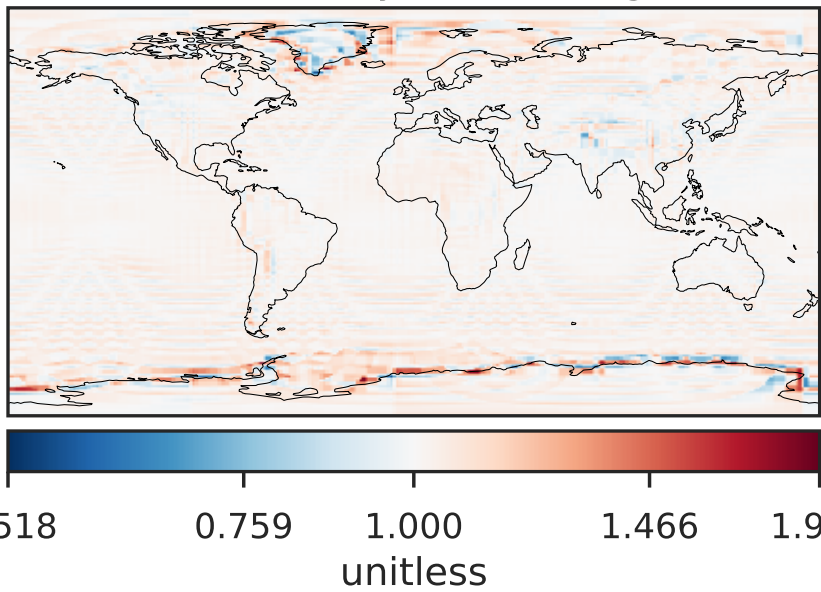
Difference (1x1.25)
Dev - Ref, Dynamic Range



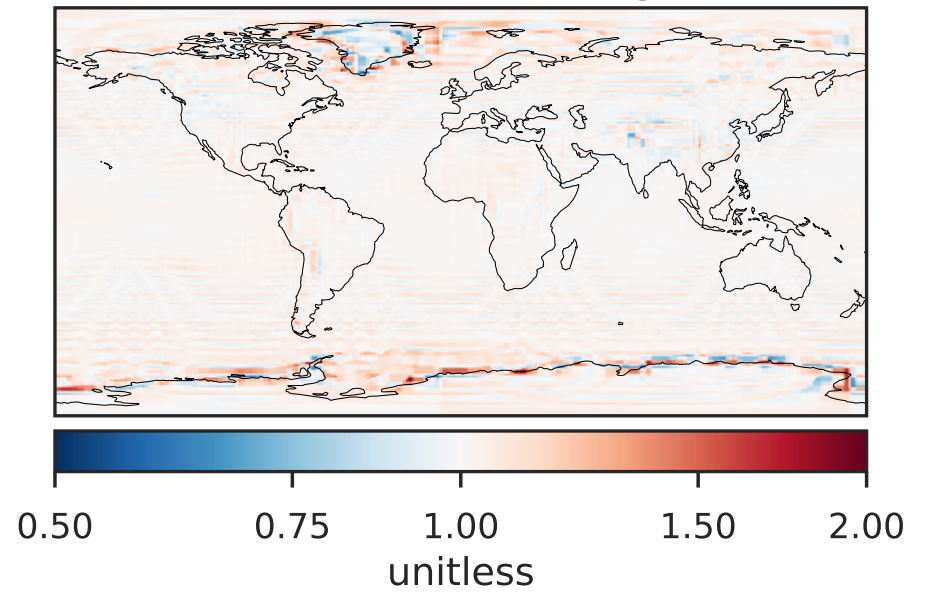
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

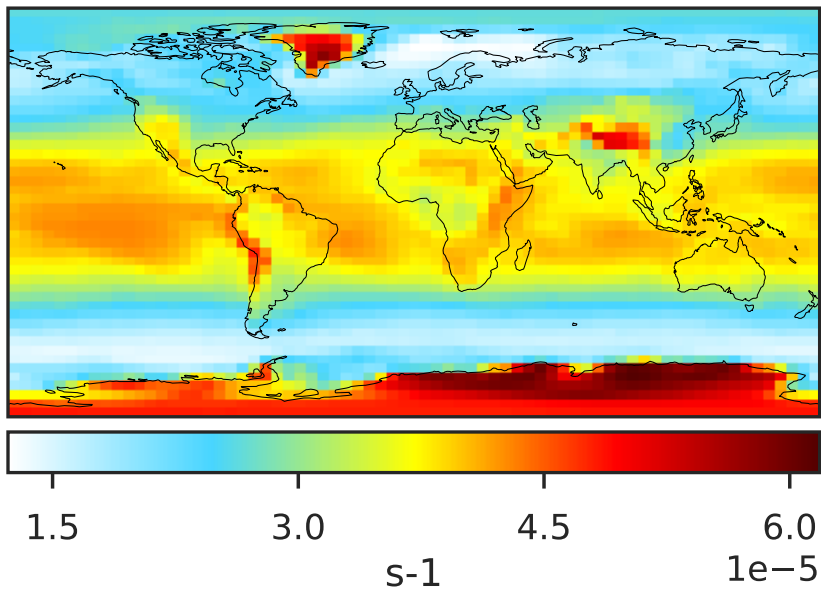


Ratio (1x1.25)
Dev/Ref, Fixed Range

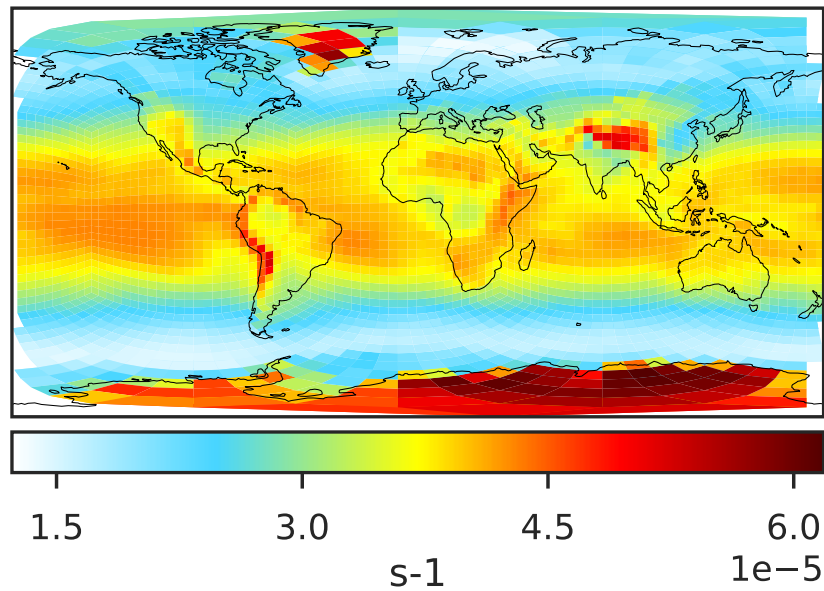


Jval_GLYX (AnnualMean)

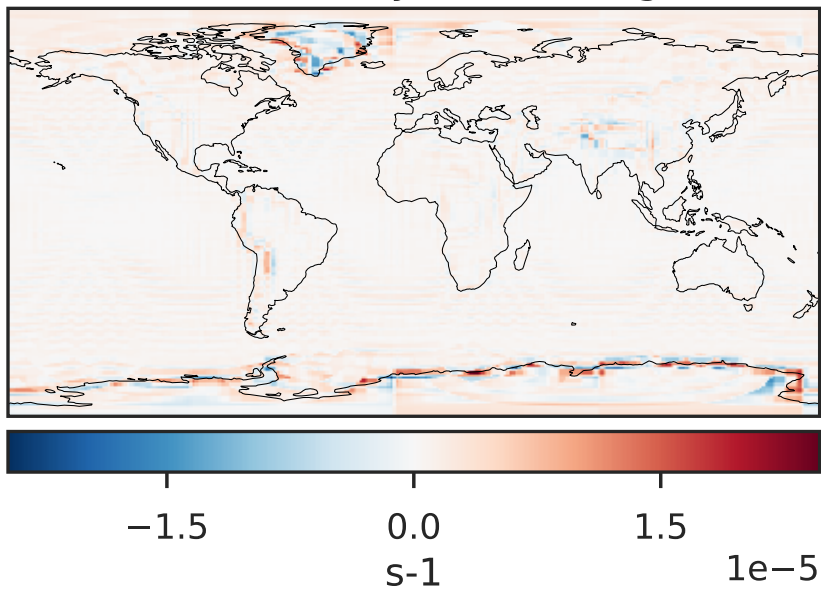
GCC_14.2.0 (Ref)
4.0x5.0



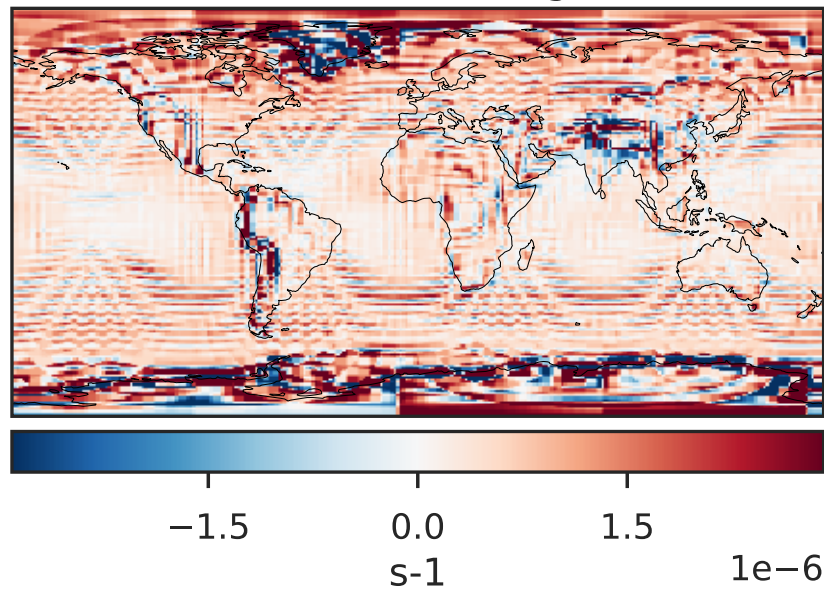
GCHP_14.2.0 (Dev)
c24



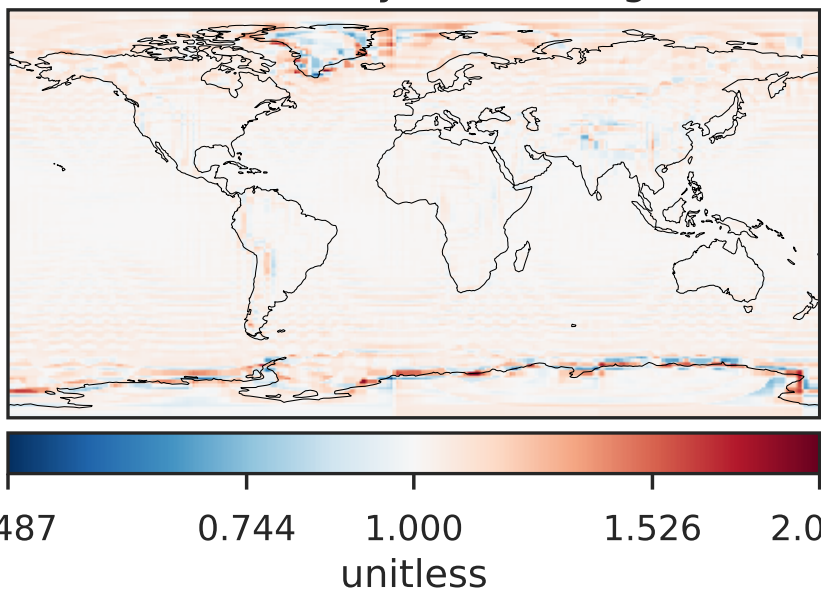
Difference (1x1.25)
Dev - Ref, Dynamic Range



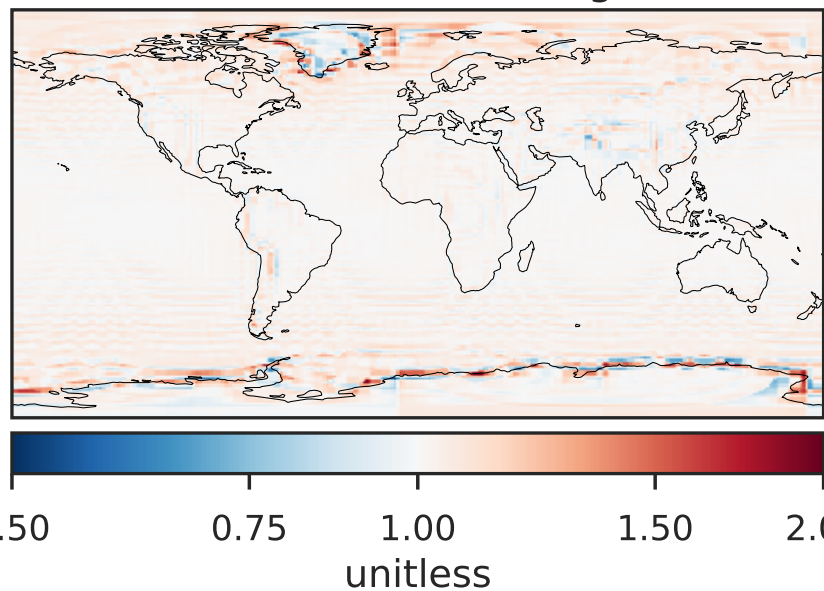
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

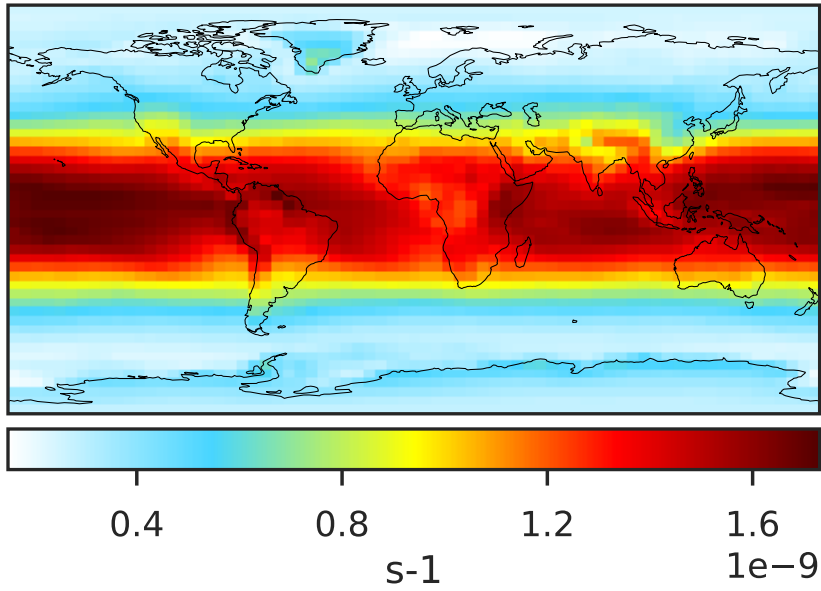


Ratio (1x1.25)
Dev/Ref, Fixed Range

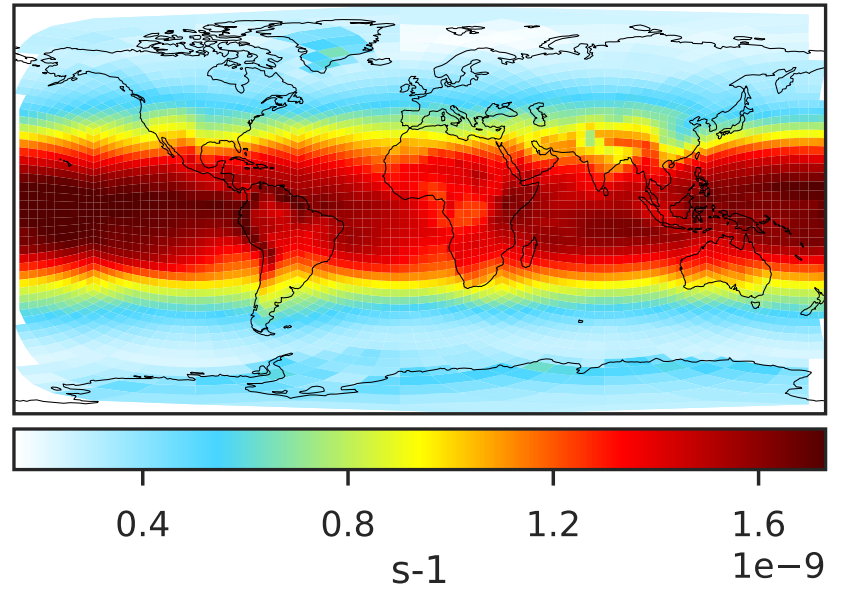


Jval_H1211 (AnnualMean)

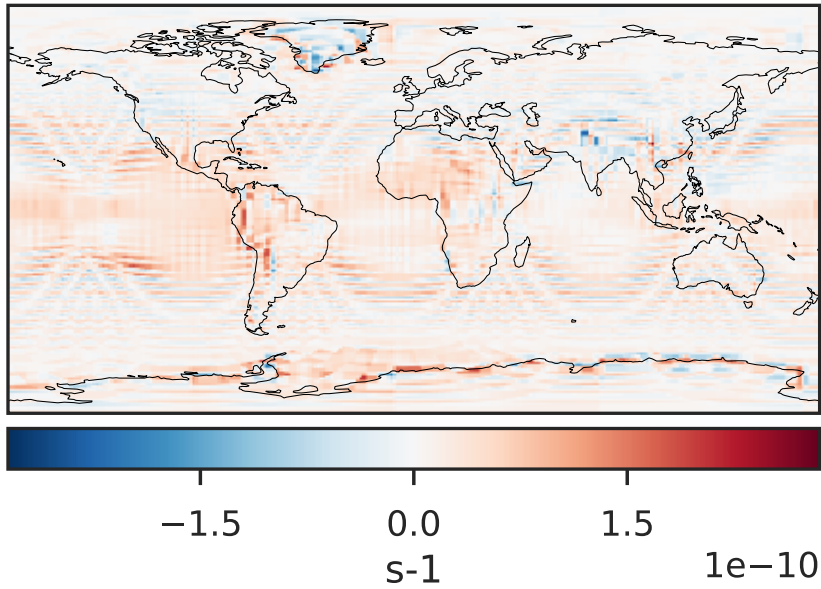
GCC_14.2.0 (Ref)
4.0x5.0



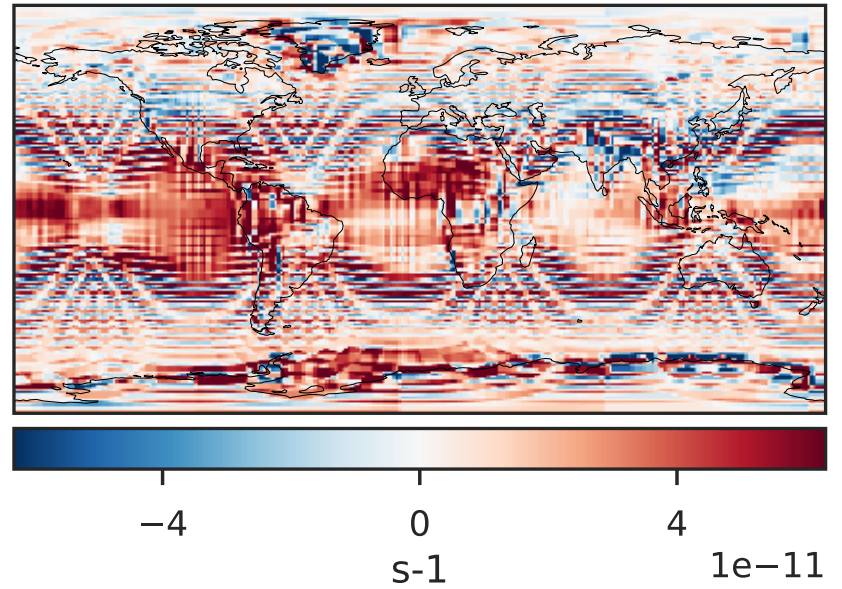
GCHP_14.2.0 (Dev)
c24



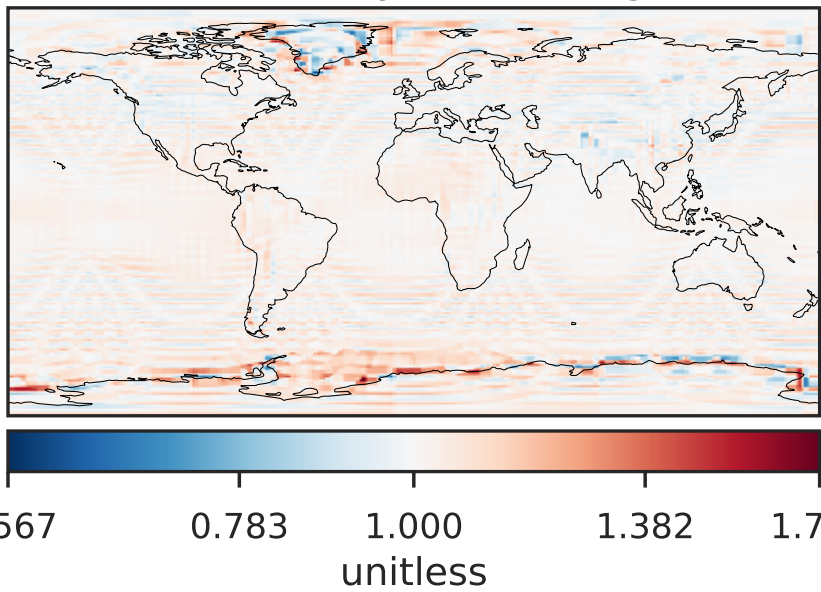
Difference (1x1.25)
Dev - Ref, Dynamic Range



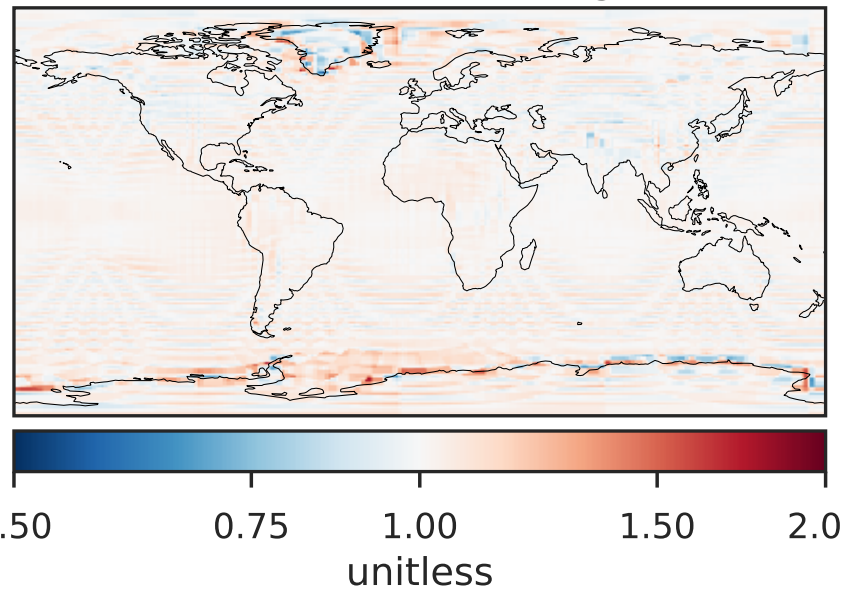
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

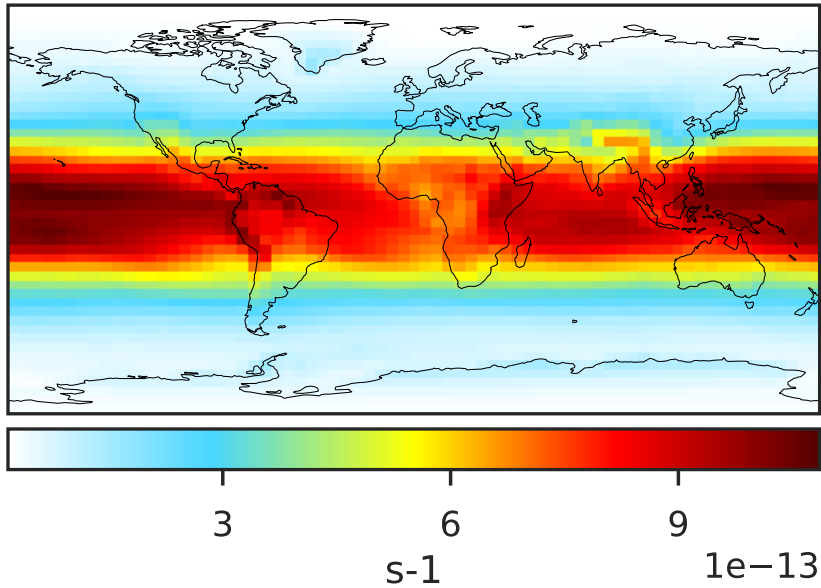


Ratio (1x1.25)
Dev/Ref, Fixed Range

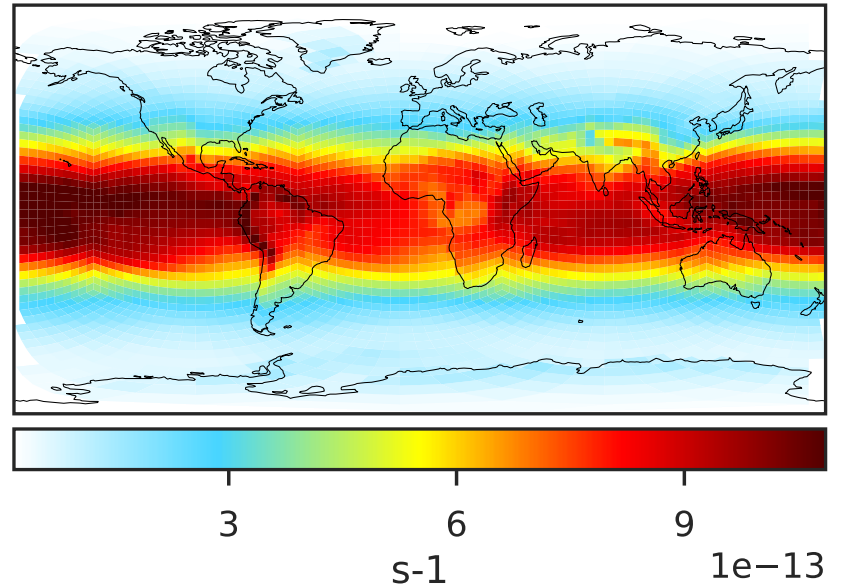


Jval_H1301 (AnnualMean)

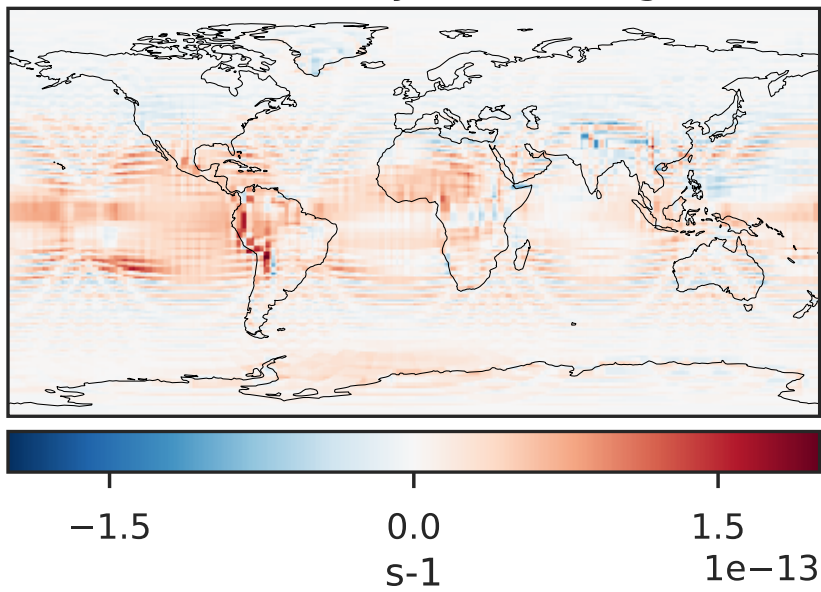
GCC_14.2.0 (Ref)
4.0x5.0



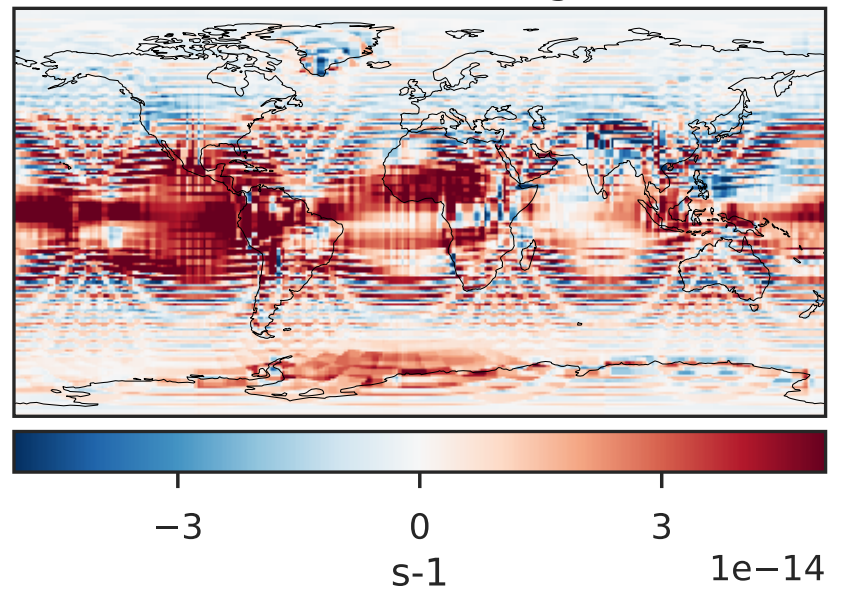
GCHP_14.2.0 (Dev)
c24



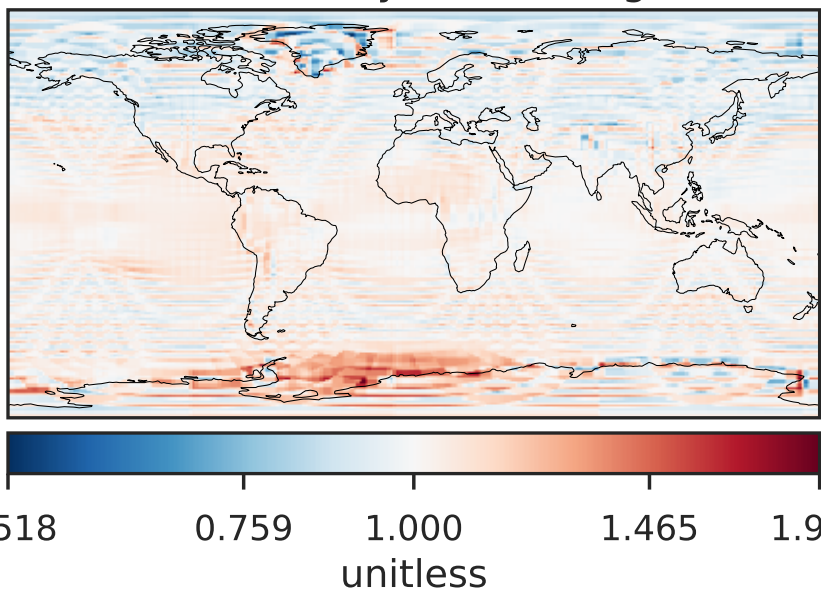
Difference (1x1.25)
Dev - Ref, Dynamic Range



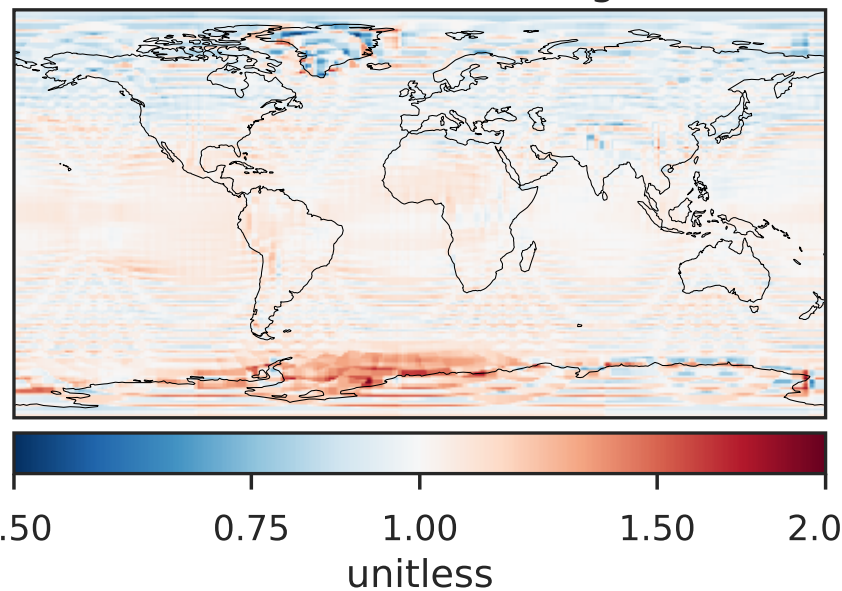
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

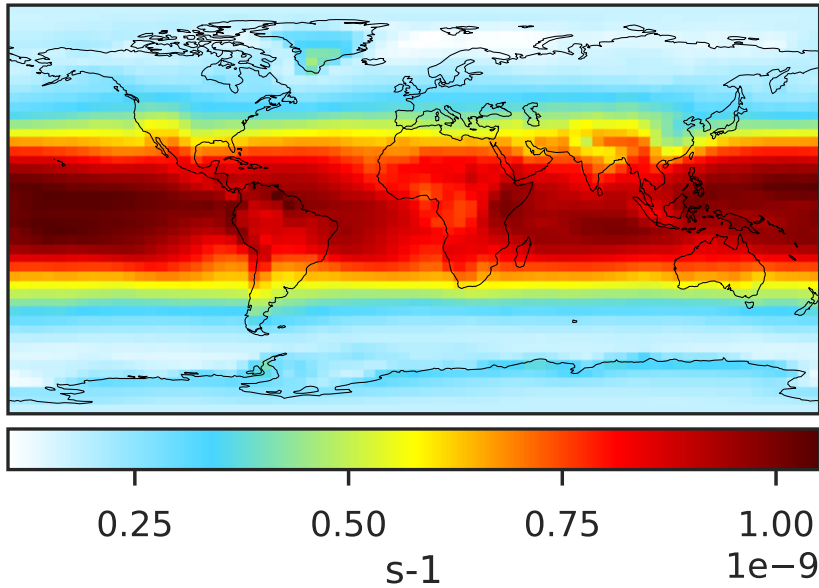


Ratio (1x1.25)
Dev/Ref, Fixed Range

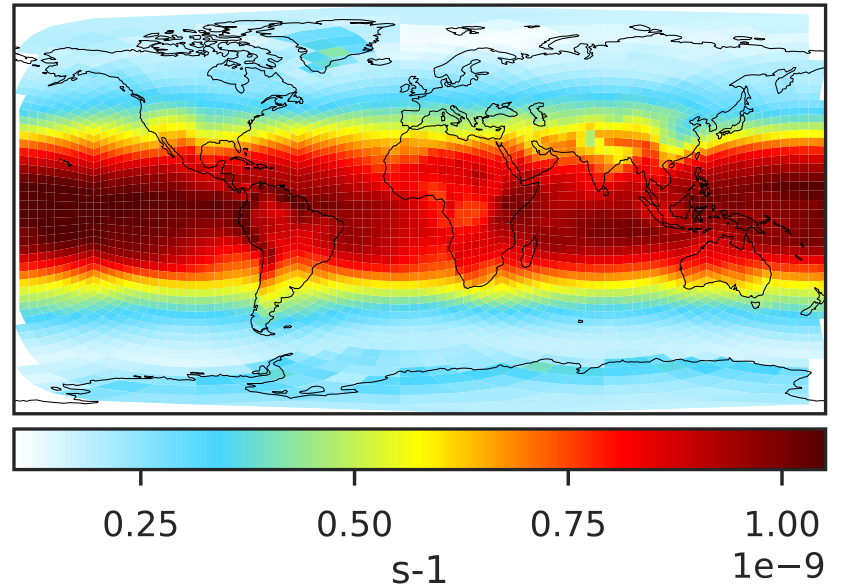


Jval_H2402 (AnnualMean)

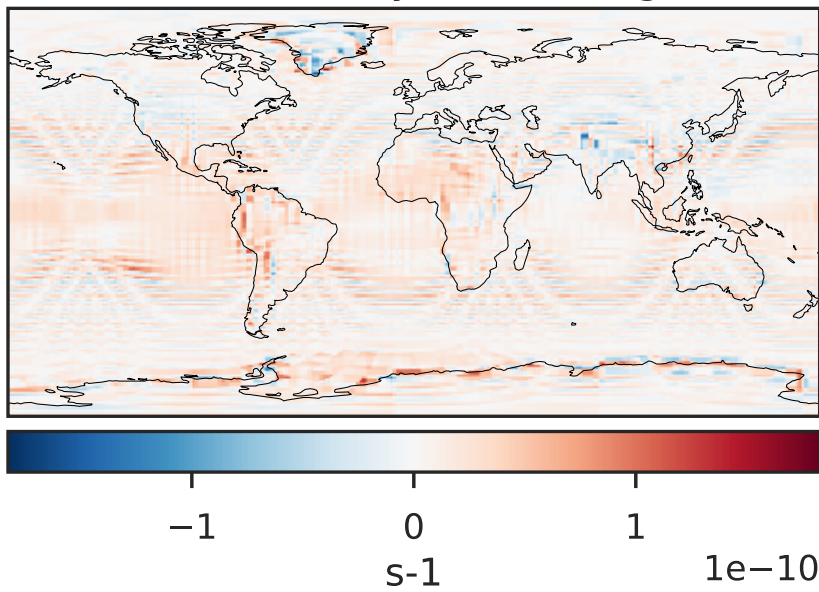
GCC_14.2.0 (Ref)
4.0x5.0



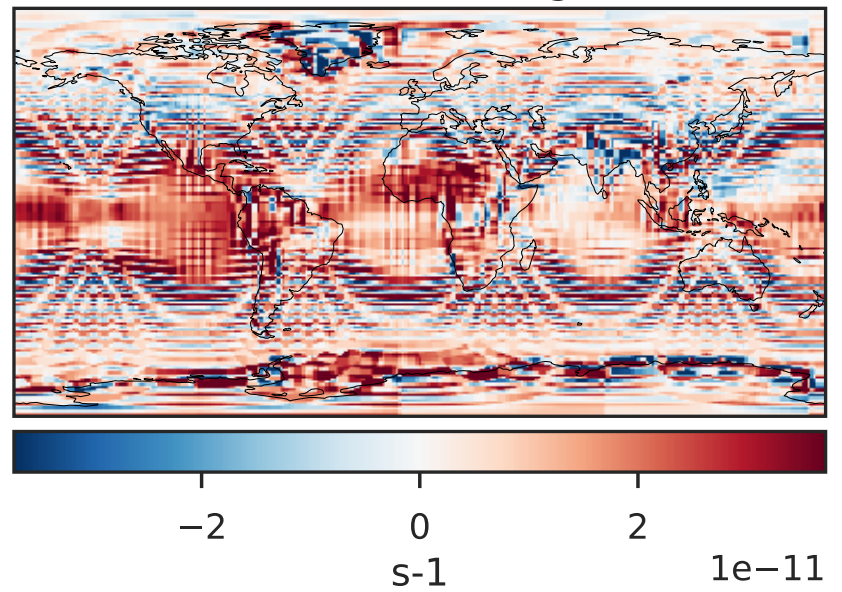
GCHP_14.2.0 (Dev)
c24



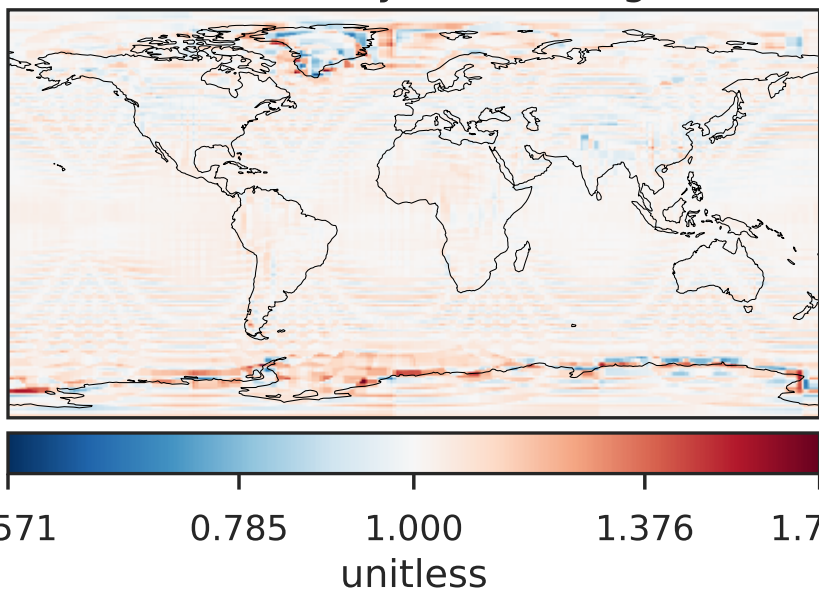
Difference (1x1.25)
Dev - Ref, Dynamic Range



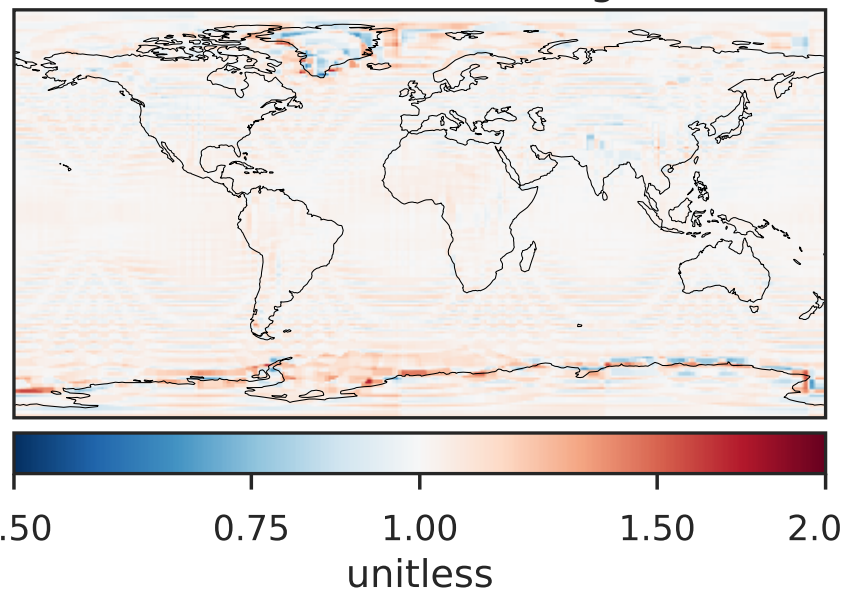
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

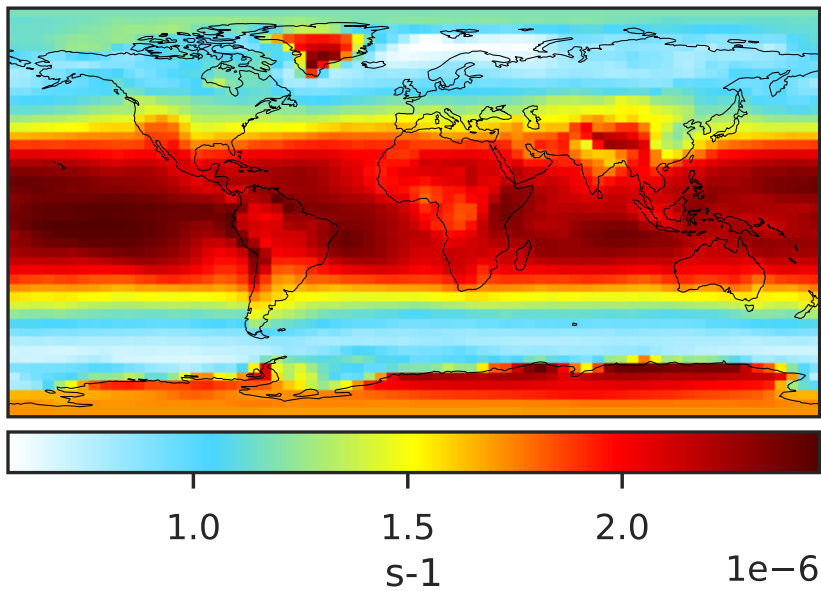


Ratio (1x1.25)
Dev/Ref, Fixed Range

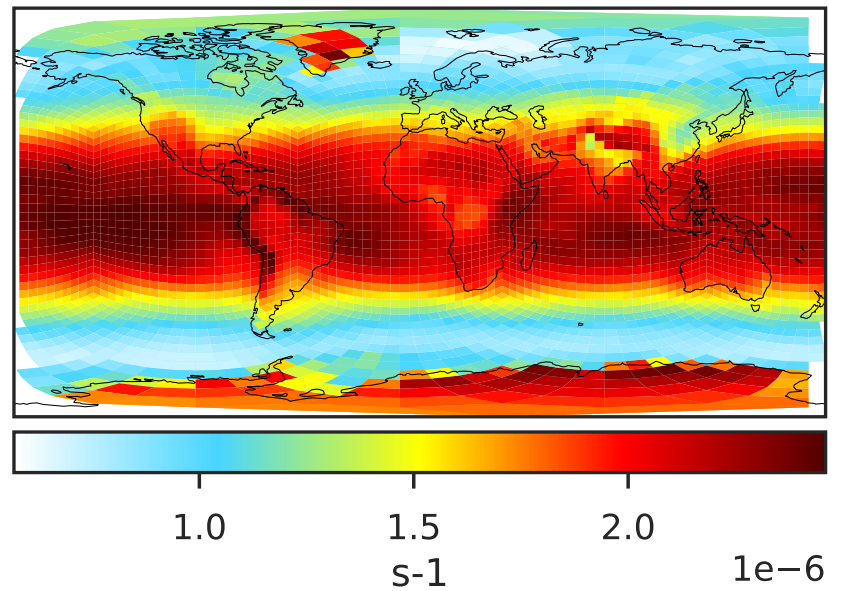


Jval_H2O2 (AnnualMean)

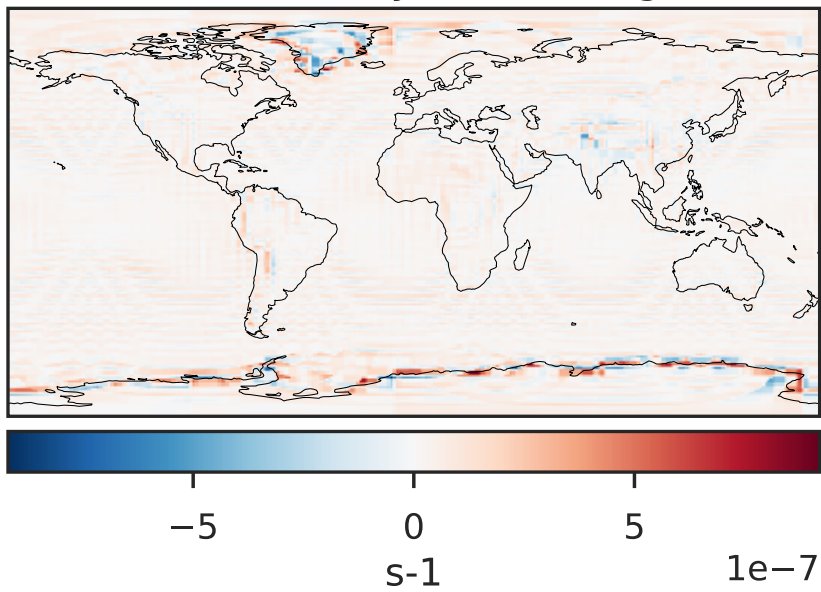
GCC_14.2.0 (Ref)
4.0x5.0



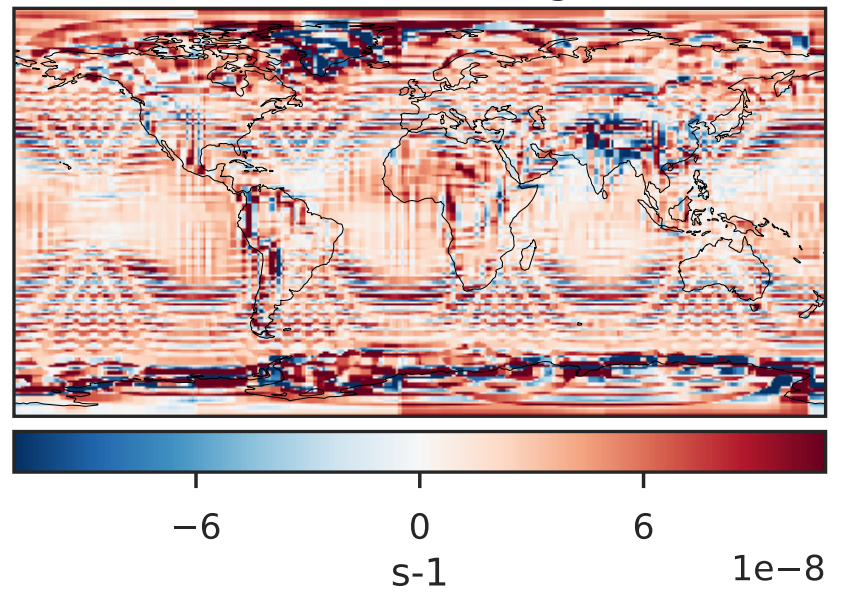
GCHP_14.2.0 (Dev)
c24



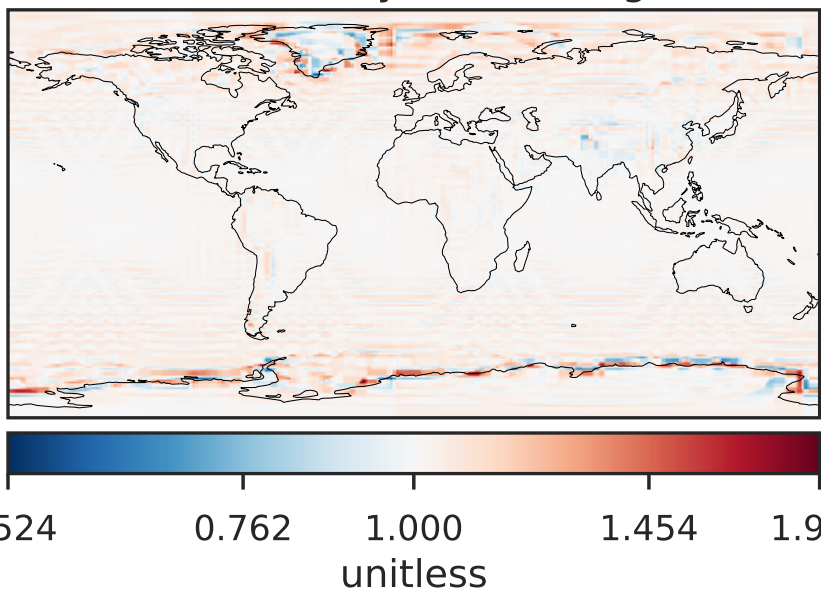
Difference (1x1.25)
Dev - Ref, Dynamic Range



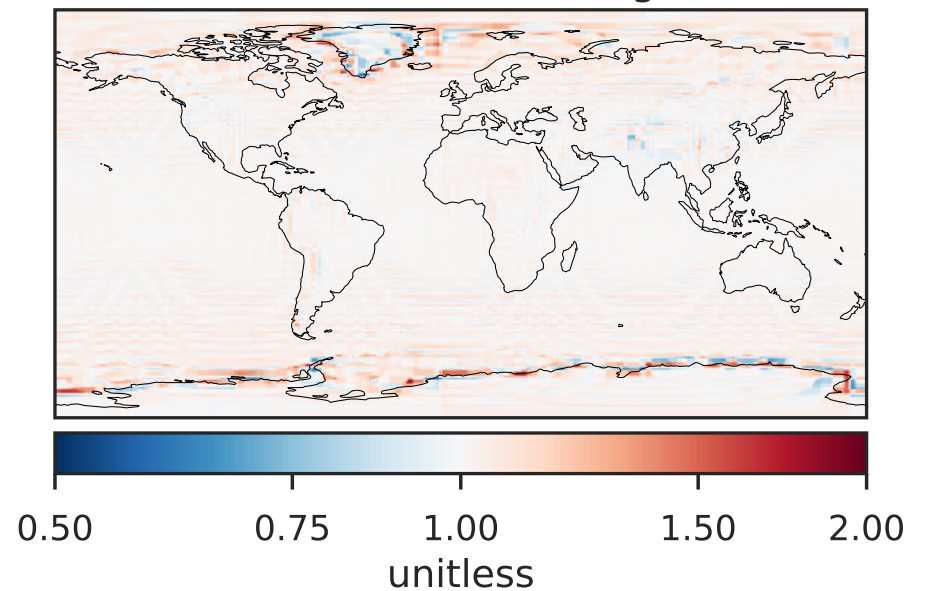
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

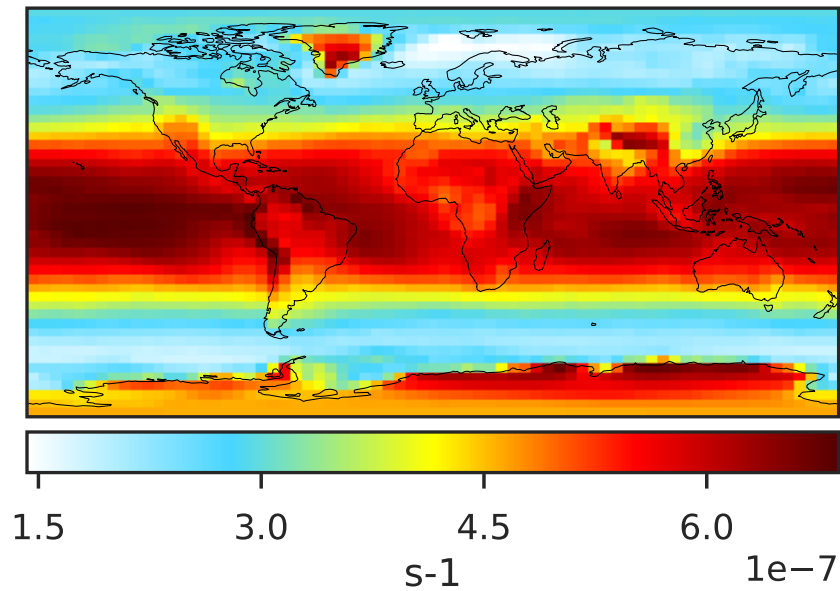


Ratio (1x1.25)
Dev/Ref, Fixed Range

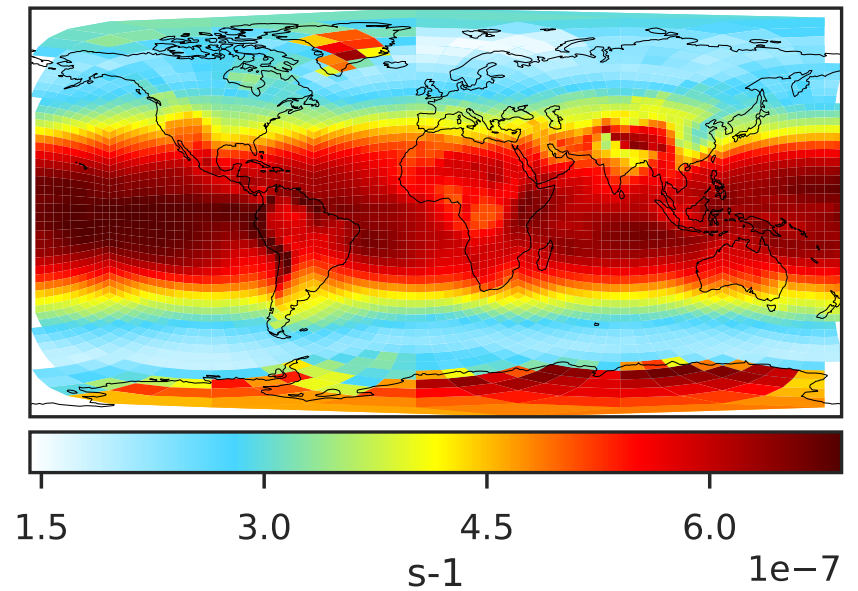


Jval_HAC (AnnualMean)

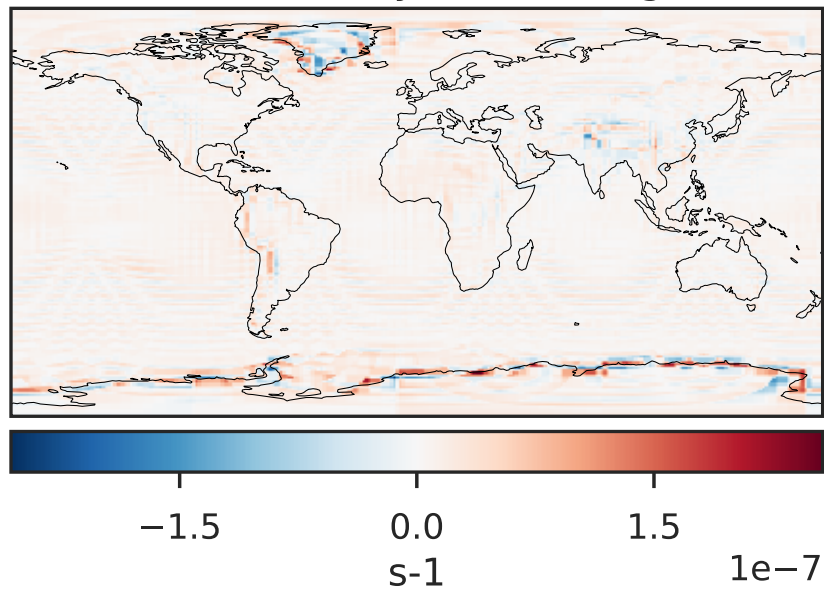
GCC_14.2.0 (Ref)
4.0x5.0



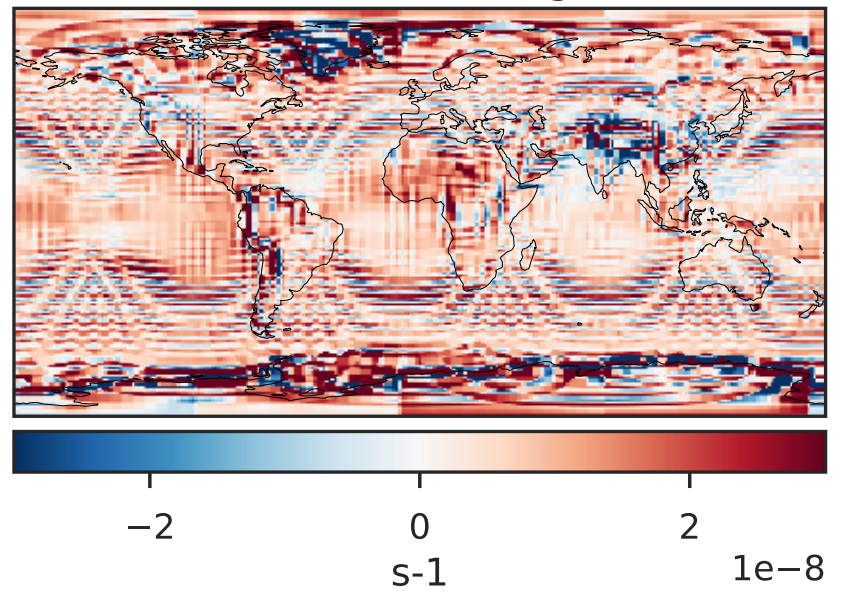
GCHP_14.2.0 (Dev)
c24



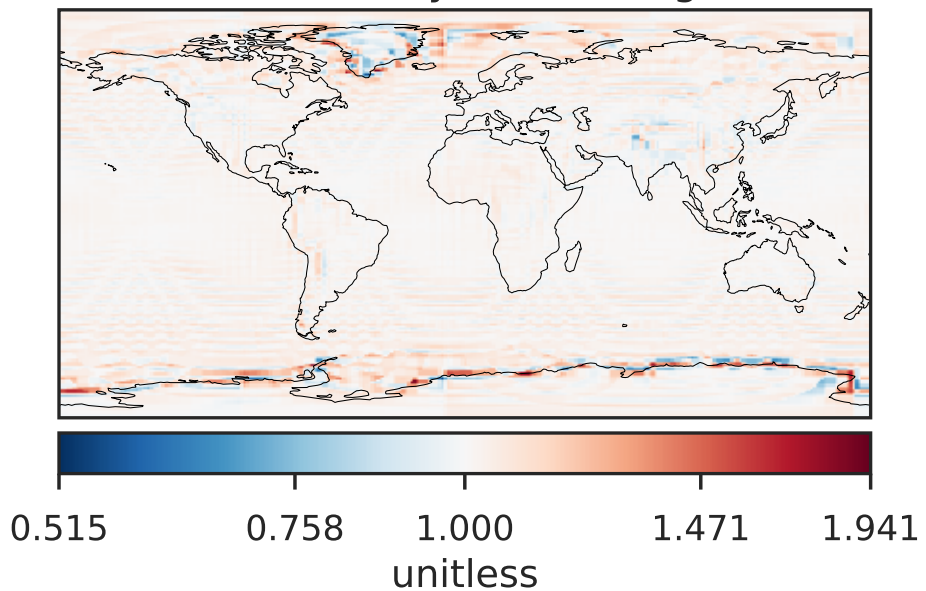
Difference (1x1.25)
Dev - Ref, Dynamic Range



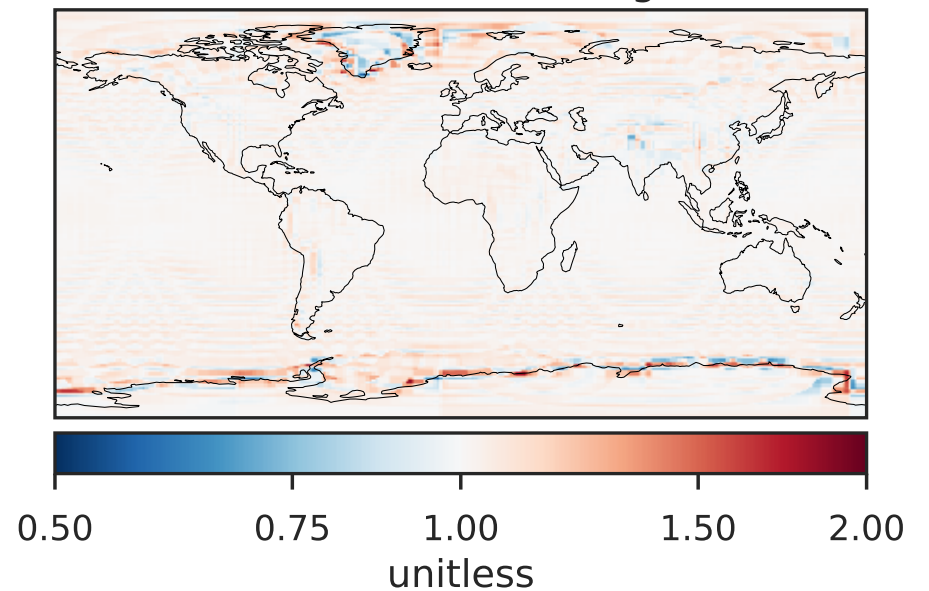
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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



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



Jval_HC5A (AnnualMean)

GCC_14.2.0 (Ref)
4.0x5.0



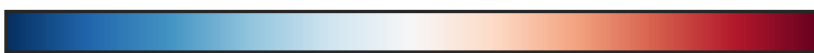
Zero throughout domain
s-1

GCHP_14.2.0 (Dev)
c24



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

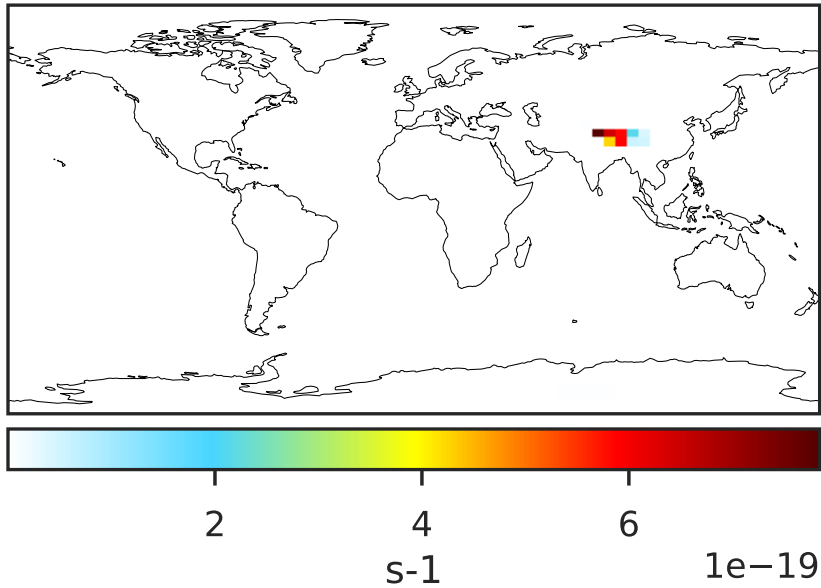
Ratio (1x1.25)
Dev/Ref, Fixed Range



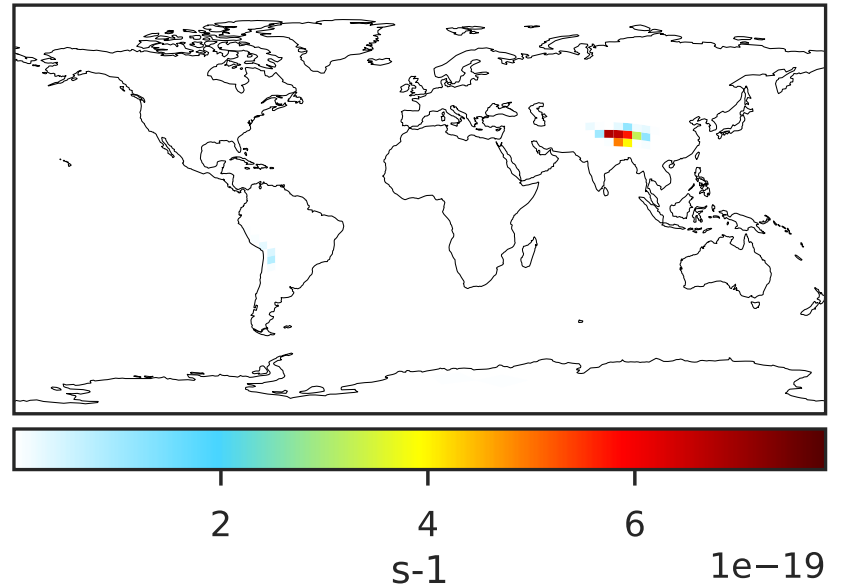
Undefined throughout domain
unitless

Jval_HCFC123 (AnnualMean)

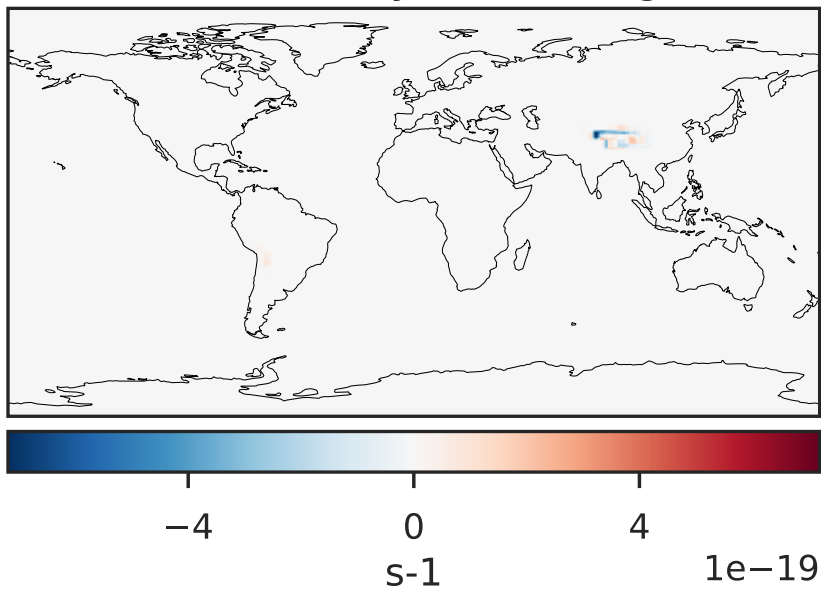
GCC_14.2.0 (Ref)
4.0x5.0



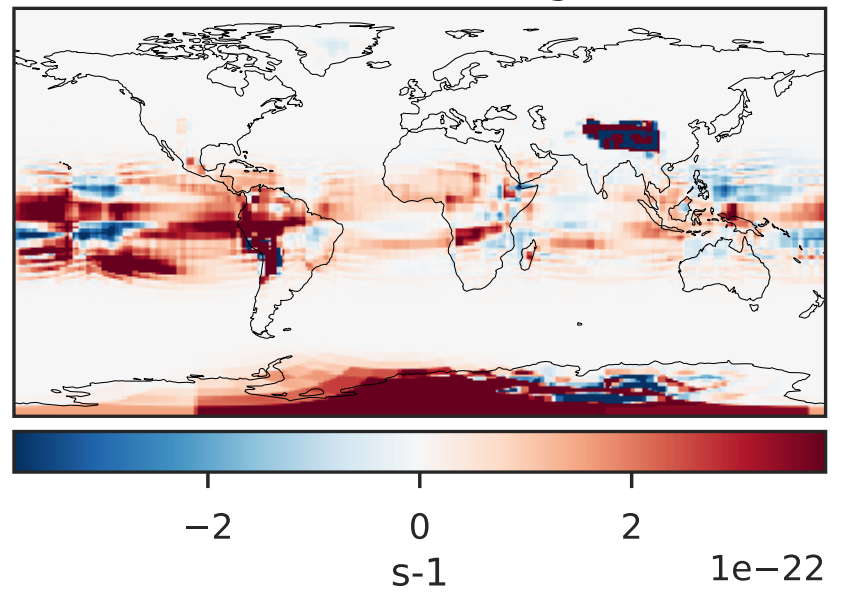
GCHP_14.2.0 (Dev)
c24



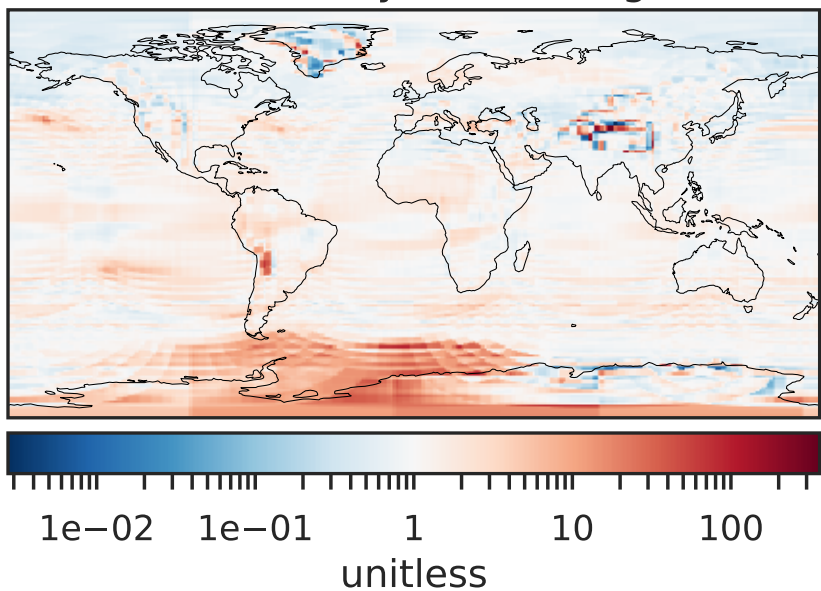
Difference (1x1.25)
Dev - Ref, Dynamic Range



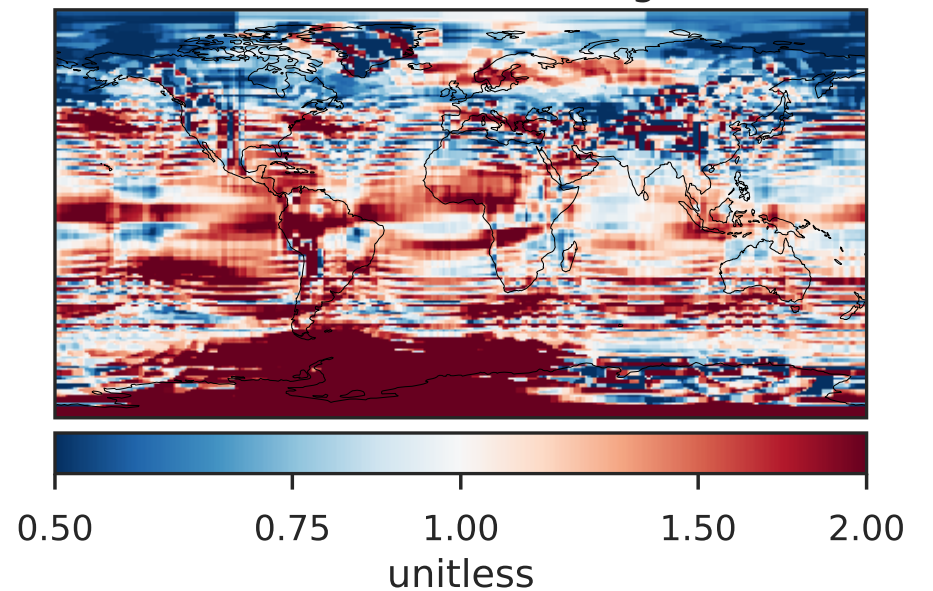
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

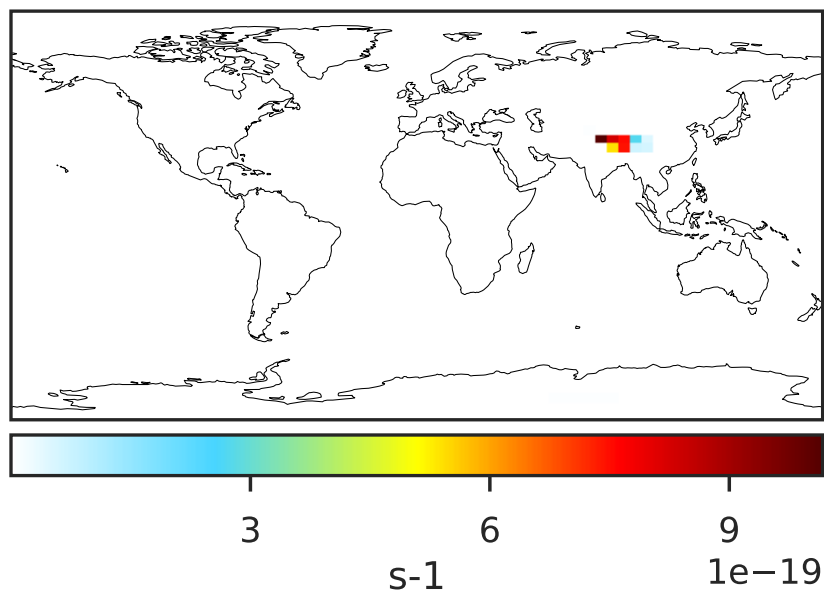


Ratio (1x1.25)
Dev/Ref, Fixed Range

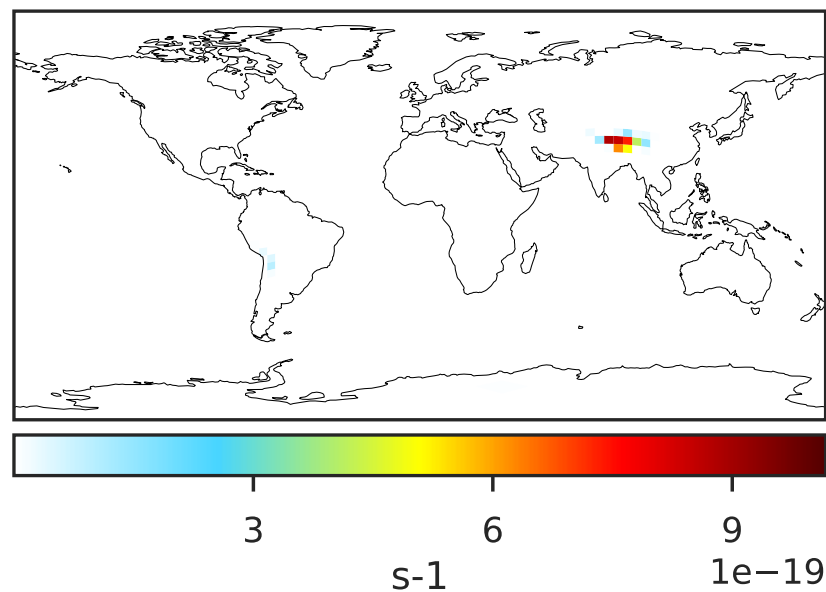


Jval_HCFC141b (AnnualMean)

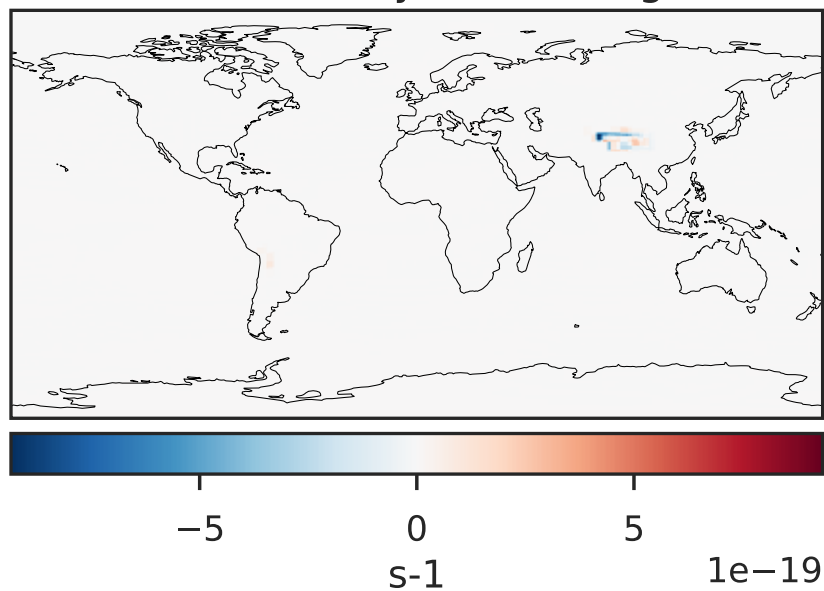
GCC_14.2.0 (Ref)
4.0x5.0



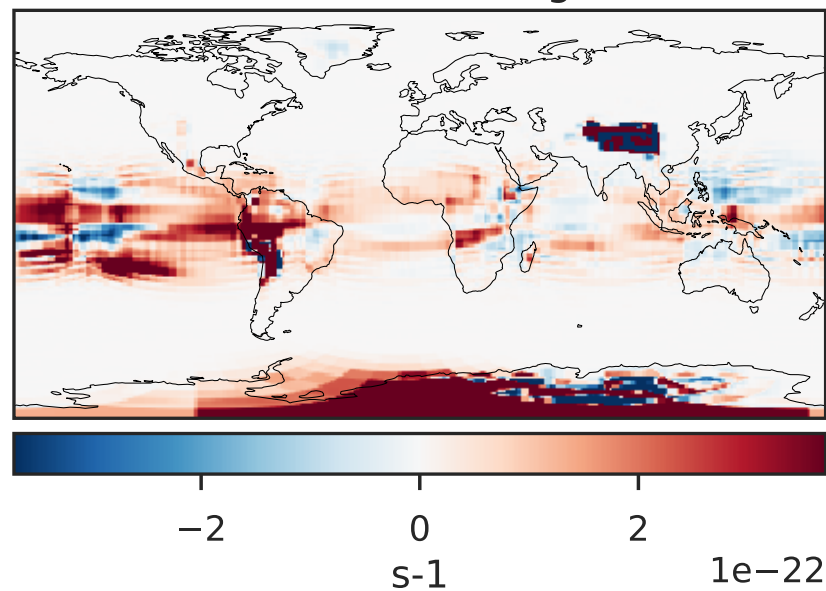
GCHP_14.2.0 (Dev)
c24



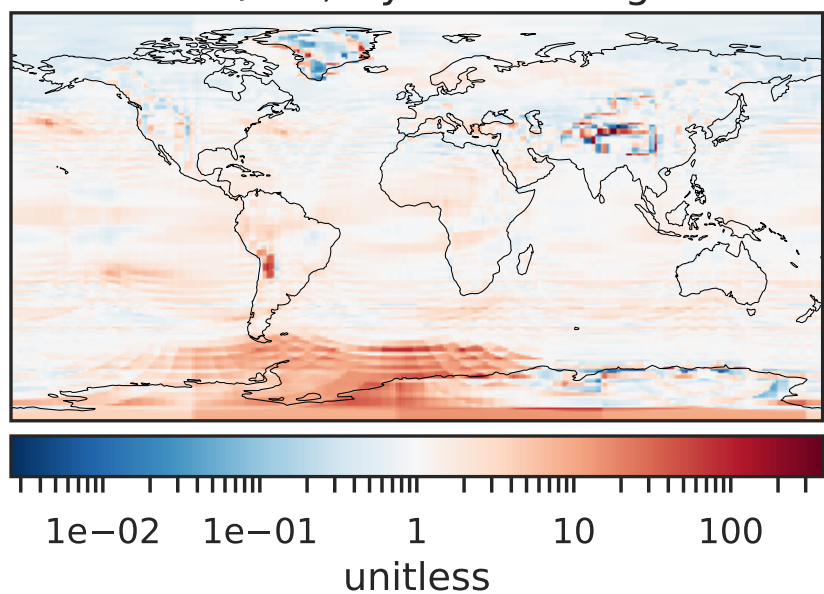
Difference (1x1.25)
Dev - Ref, Dynamic Range



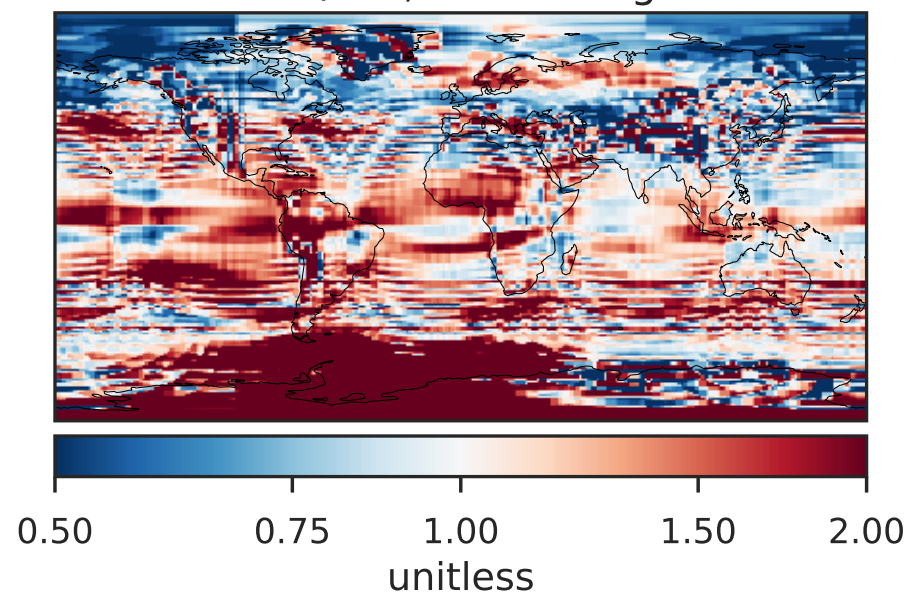
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

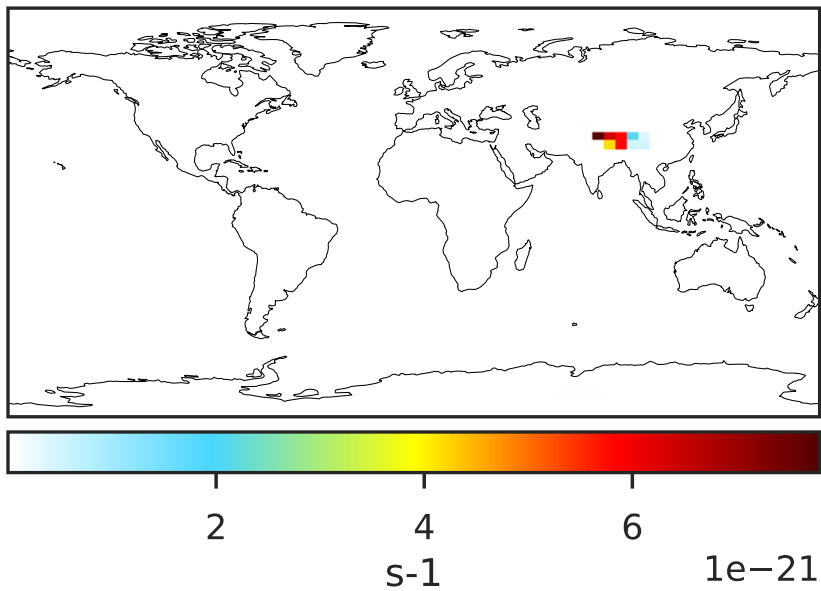


Ratio (1x1.25)
Dev/Ref, Fixed Range

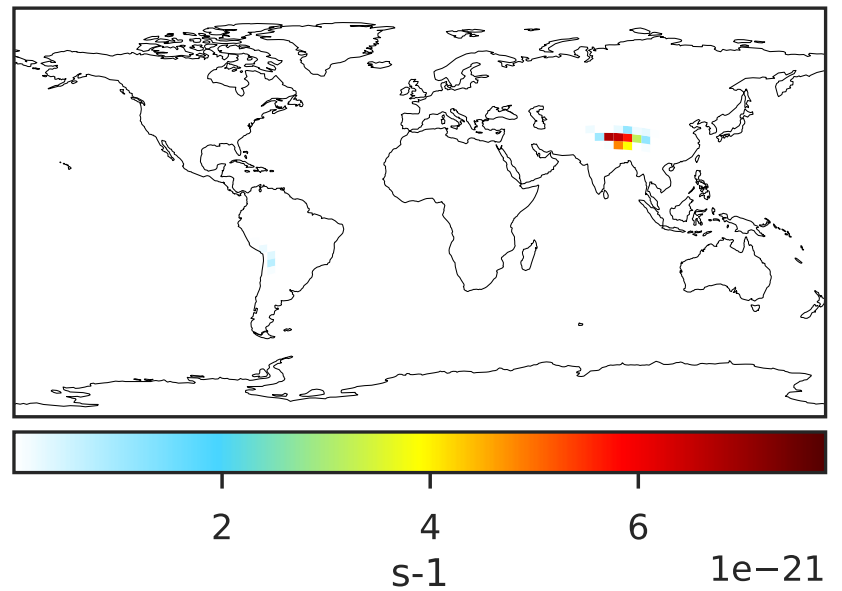


Jval_HCFC142b (AnnualMean)

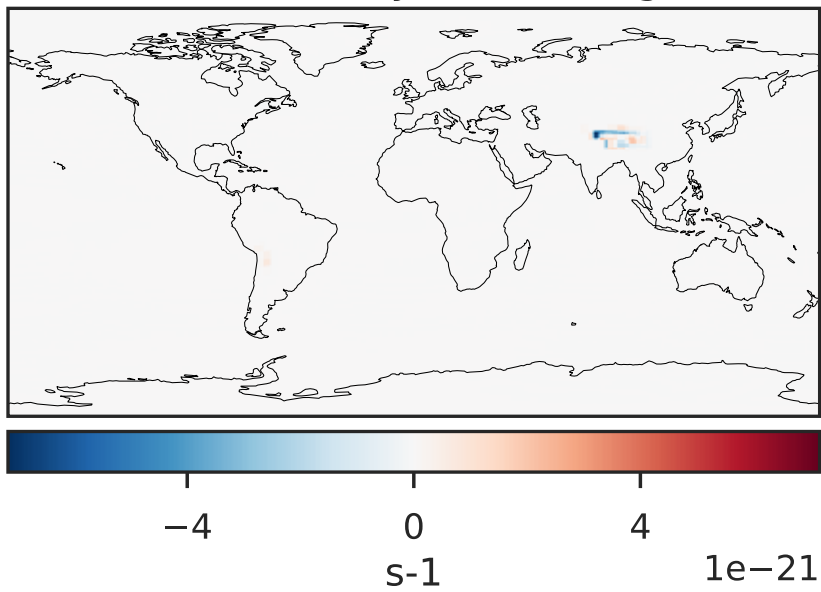
GCC_14.2.0 (Ref)
4.0x5.0



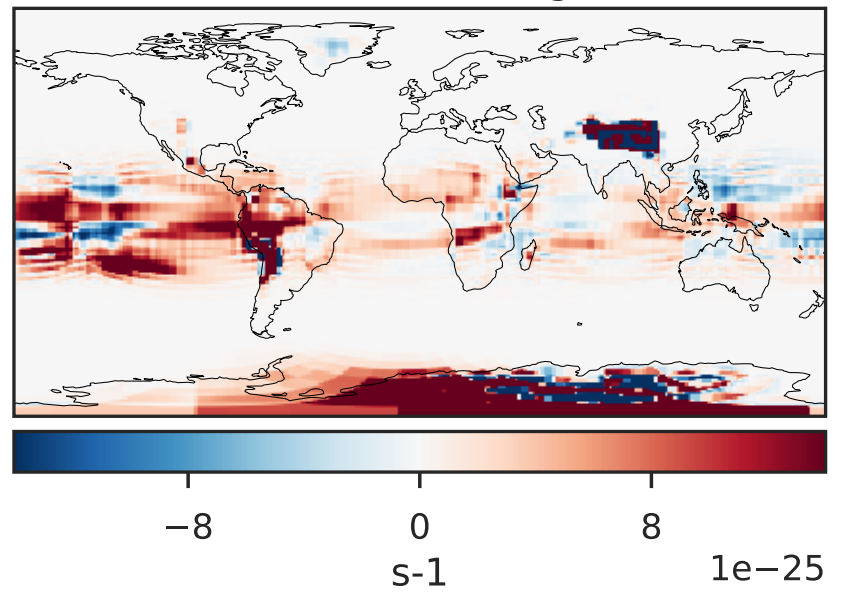
GCHP_14.2.0 (Dev)
c24



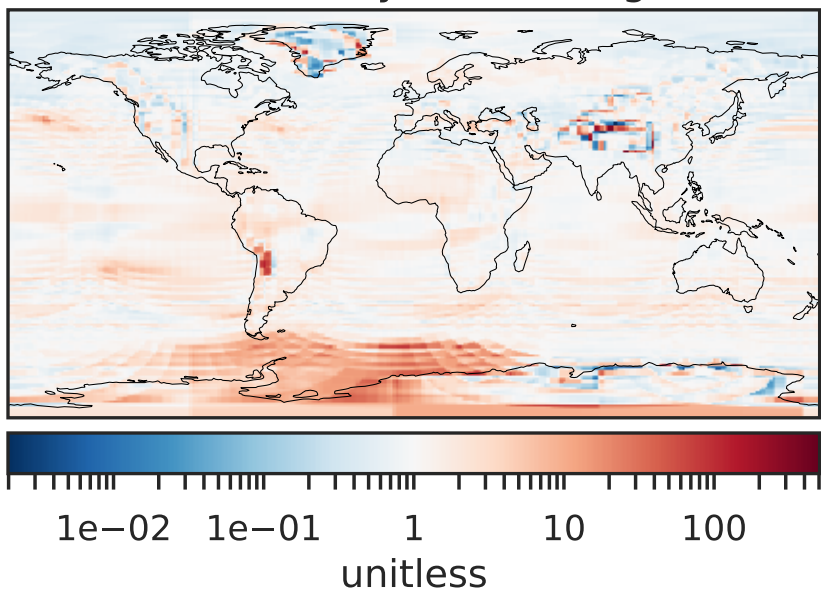
Difference (1x1.25)
Dev - Ref, Dynamic Range



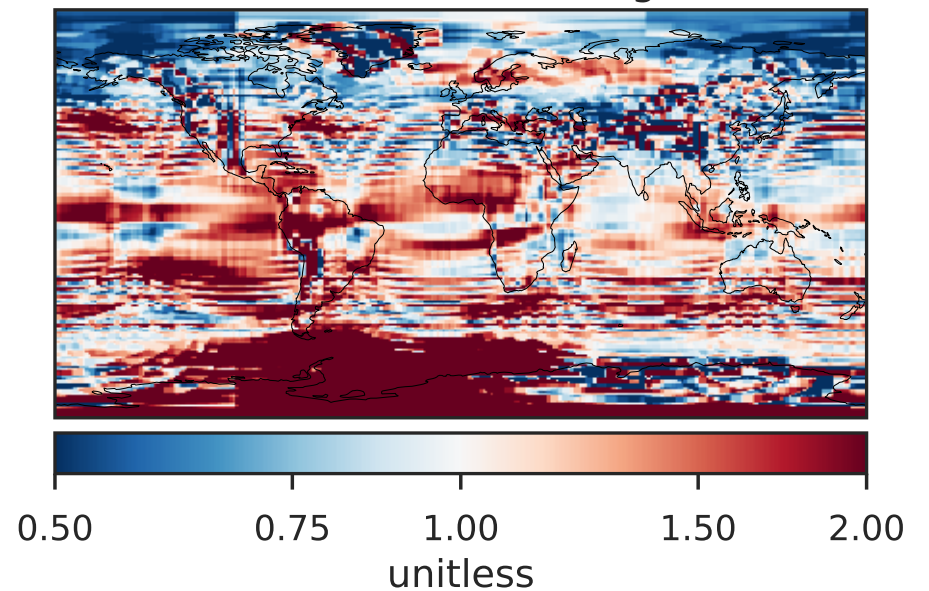
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

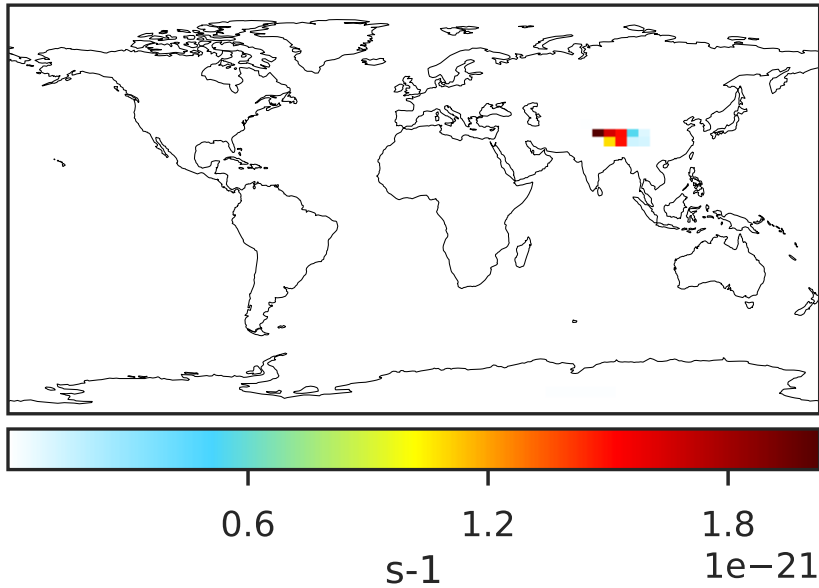


Ratio (1x1.25)
Dev/Ref, Fixed Range

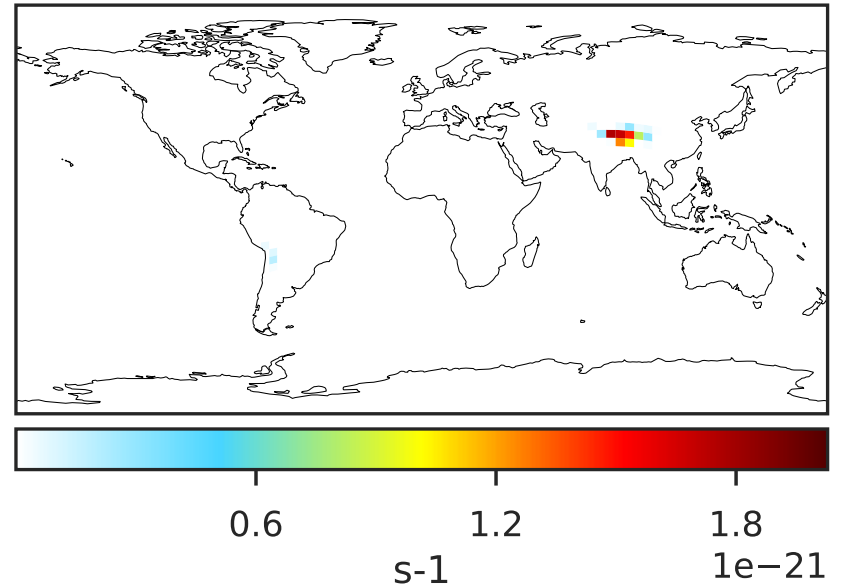


Jval_HCFC22 (AnnualMean)

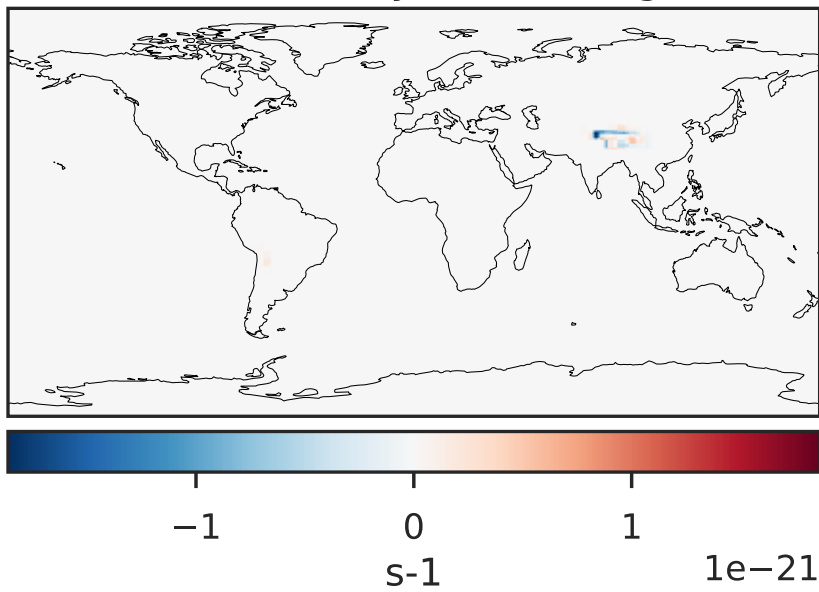
GCC_14.2.0 (Ref)
4.0x5.0



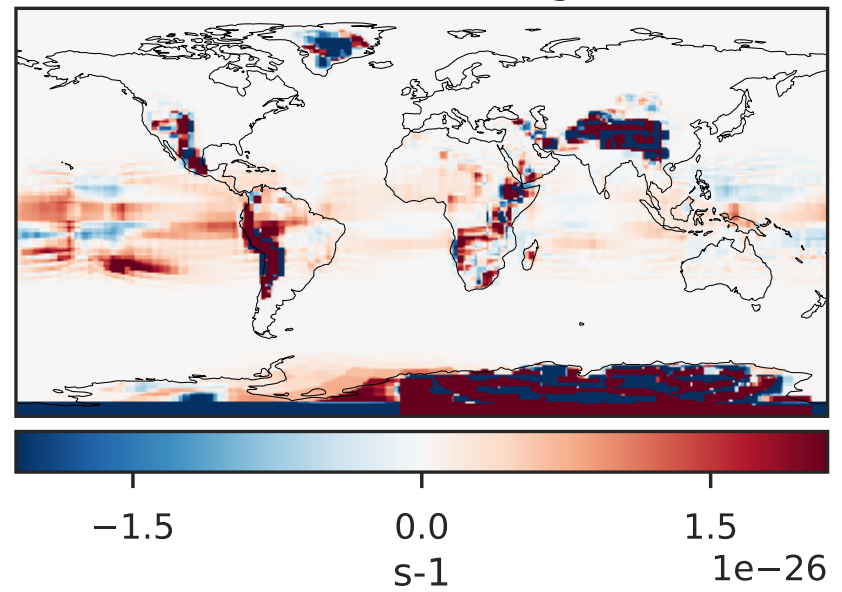
GCHP_14.2.0 (Dev)
c24



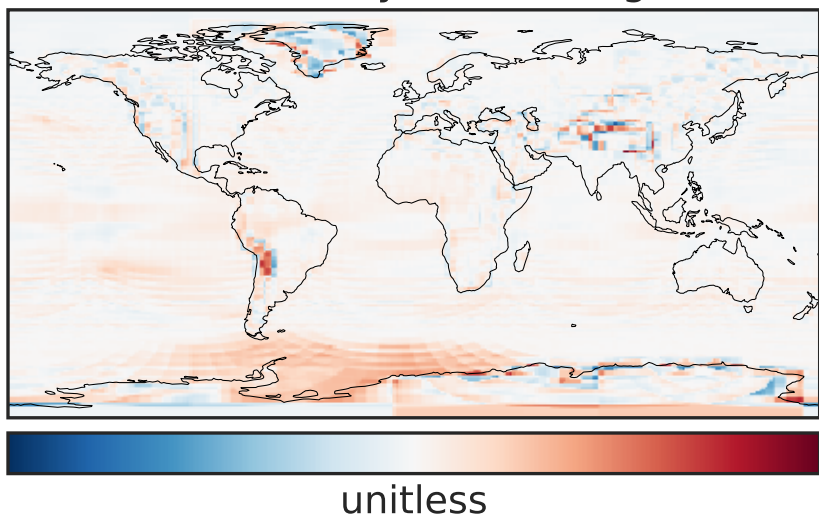
Difference (1x1.25)
Dev - Ref, Dynamic Range



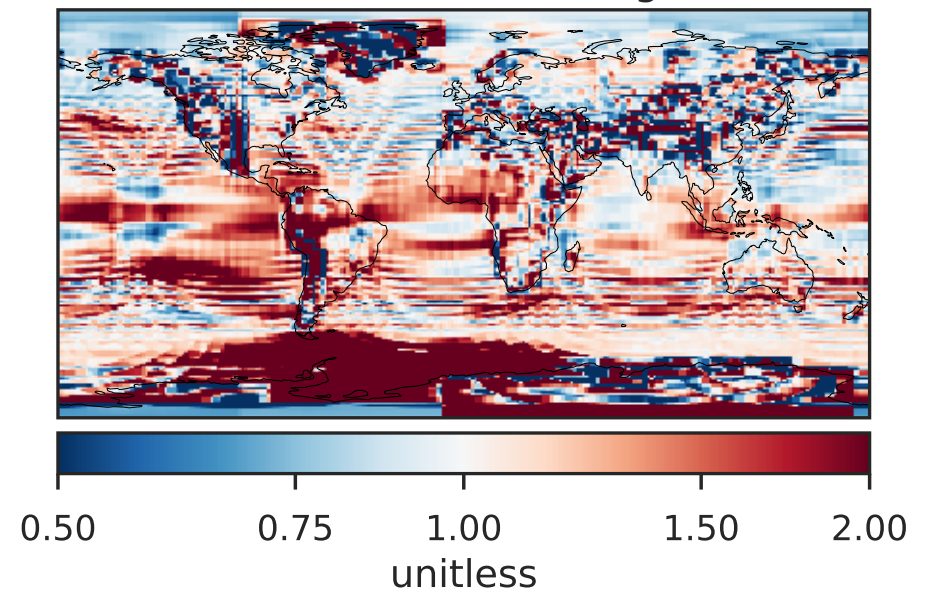
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

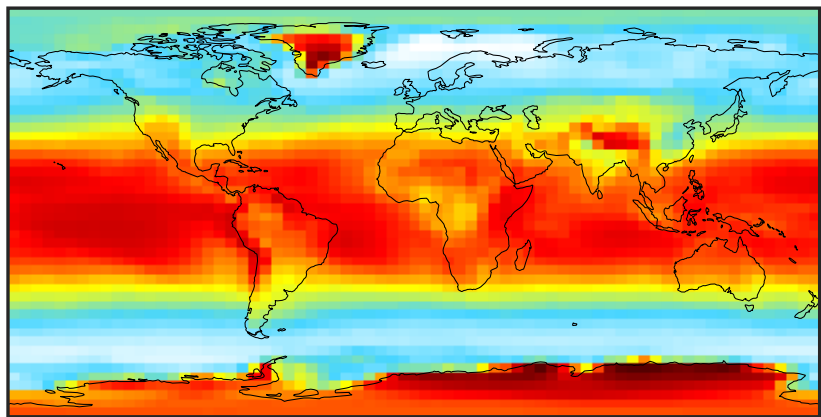


Ratio (1x1.25)
Dev/Ref, Fixed Range



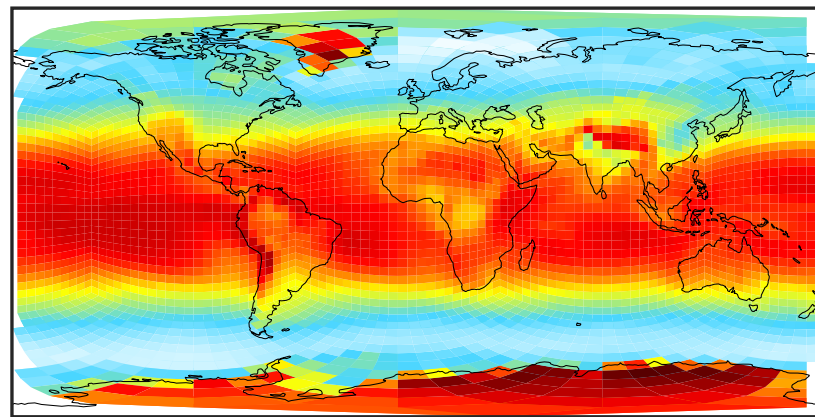
Jval_HMHP (AnnualMean)

GCC_14.2.0 (Ref)
4.0x5.0



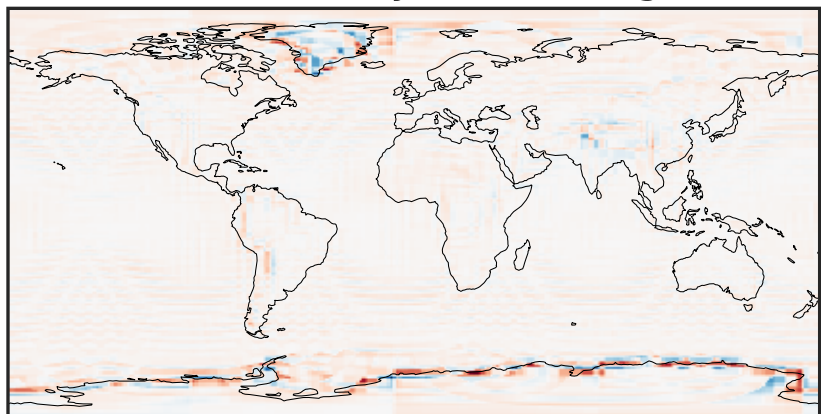
0.6 0.9 1.2 1.5
s-1 $1e-6$

GCHP_14.2.0 (Dev)
c24



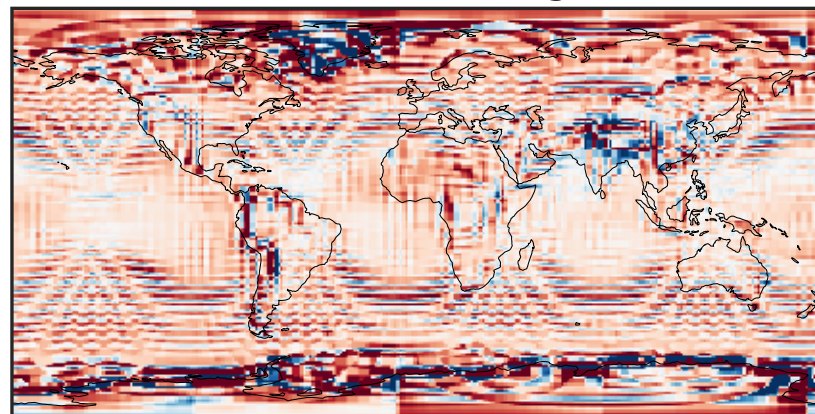
0.6 0.9 1.2 1.5
s-1 $1e-6$

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



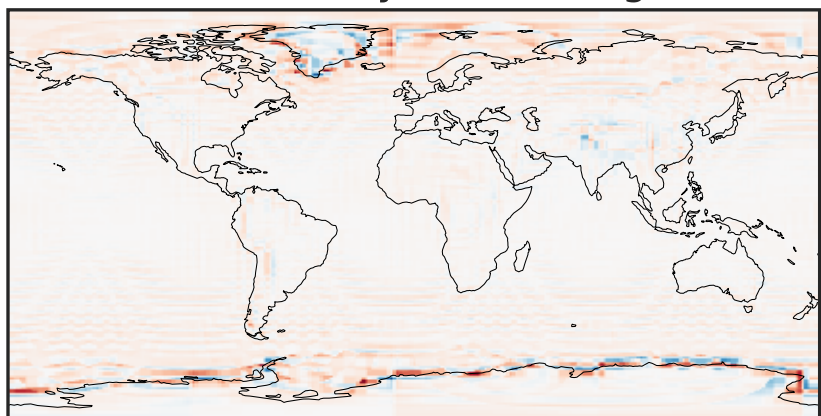
-3 0 3
s-1 $1e-7$

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



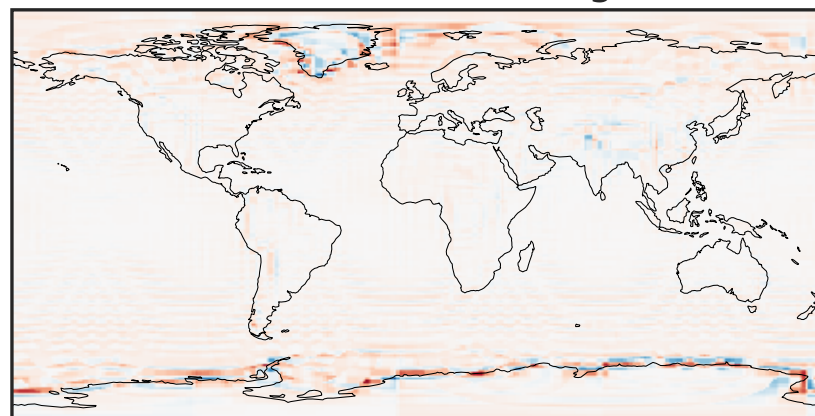
-4 0 4
s-1 $1e-8$

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



0.517 0.758 1.000 1.467 1.934
unitless

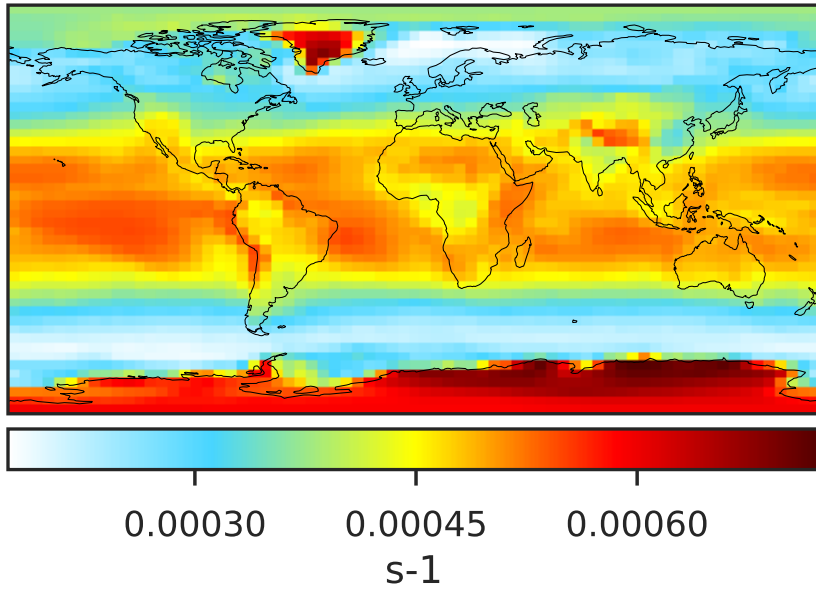
Ratio (1x1.25)
Dev/Ref, Fixed Range



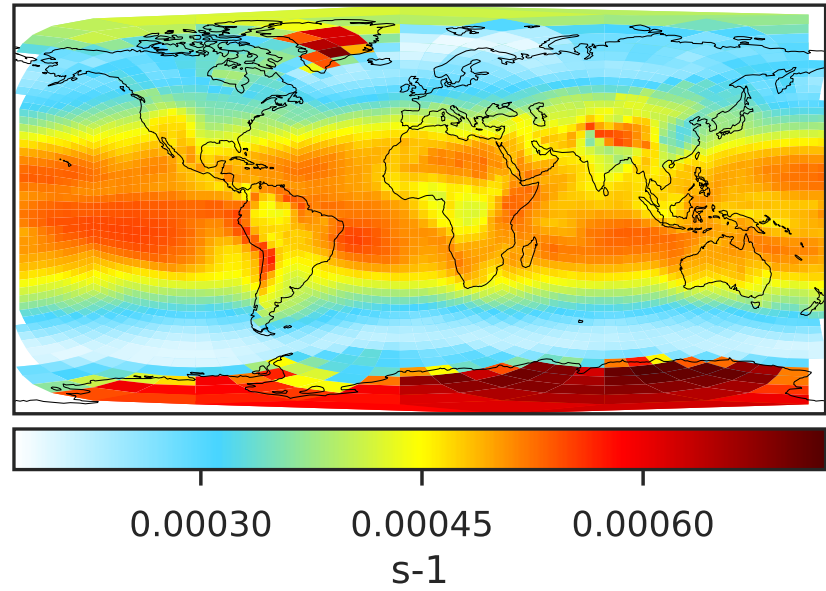
0.50 0.75 1.00 1.50 2.00
unitless

Jval_HNO2 (AnnualMean)

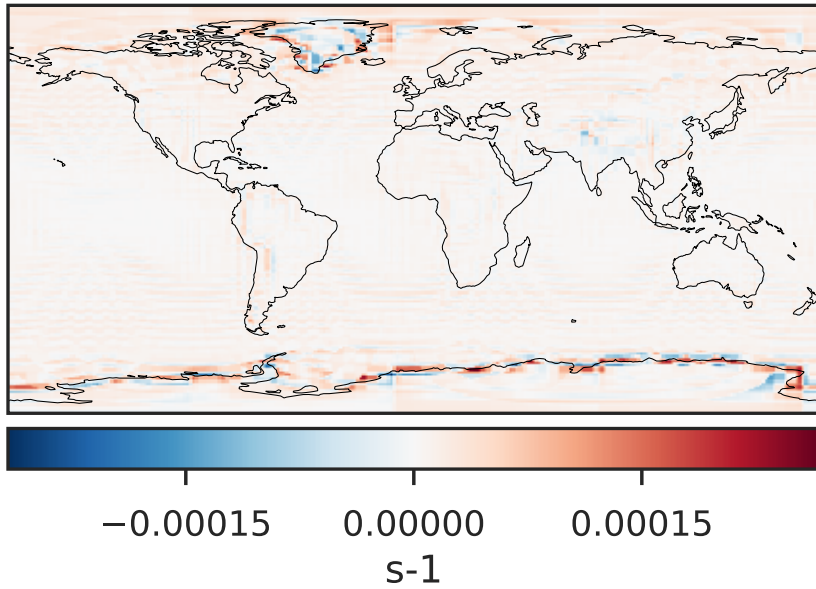
GCC_14.2.0 (Ref)
4.0x5.0



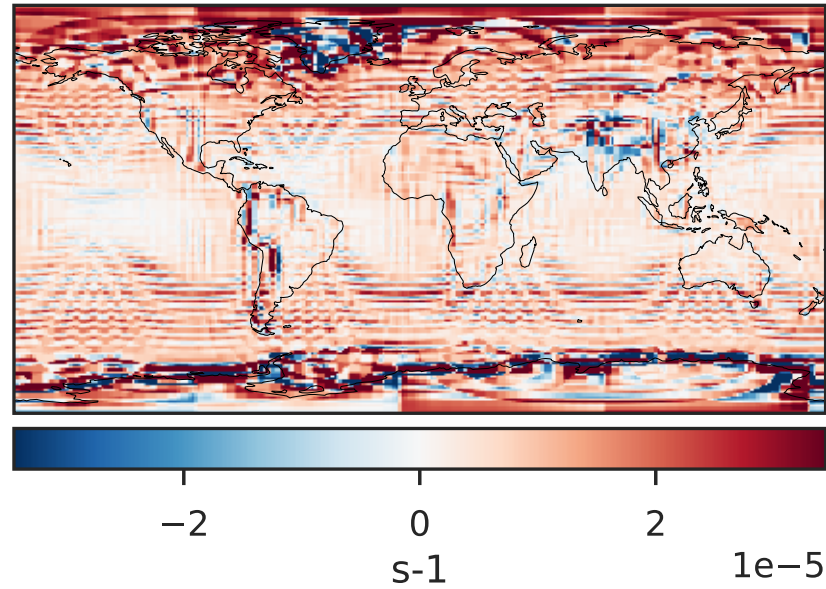
GCHP_14.2.0 (Dev)
c24



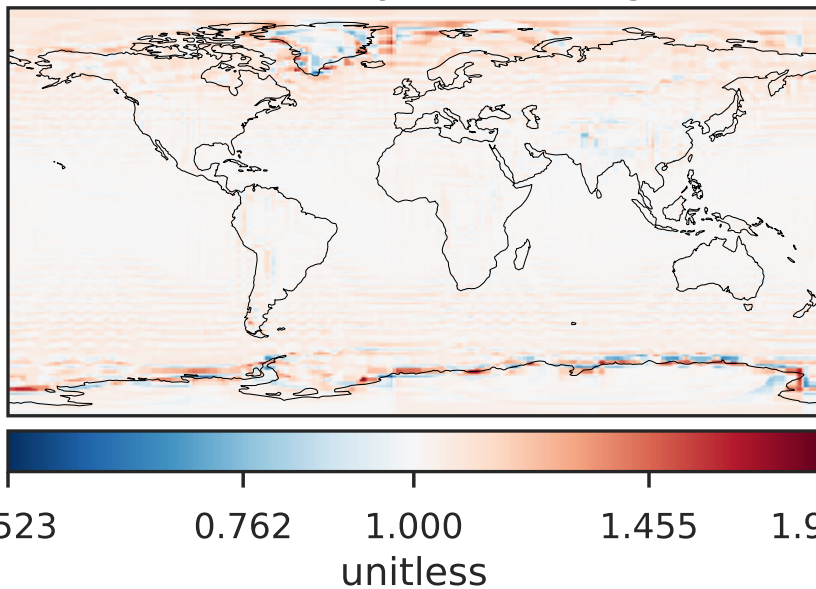
Difference (1x1.25)
Dev - Ref, Dynamic Range



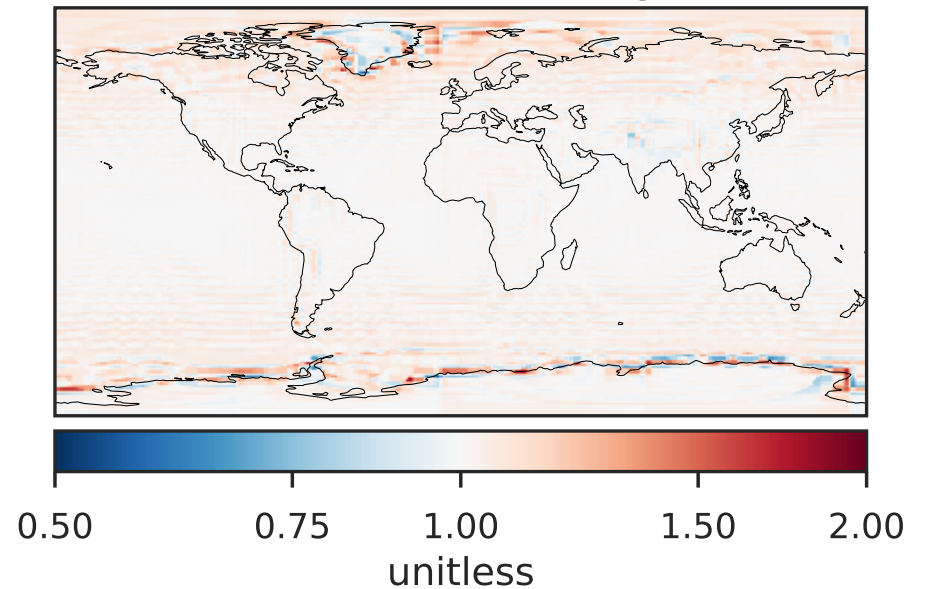
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

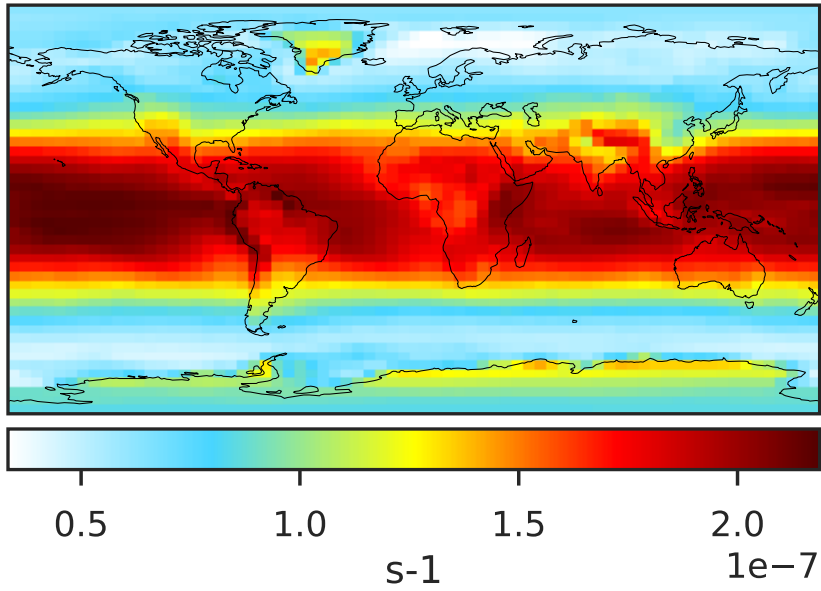


Ratio (1x1.25)
Dev/Ref, Fixed Range

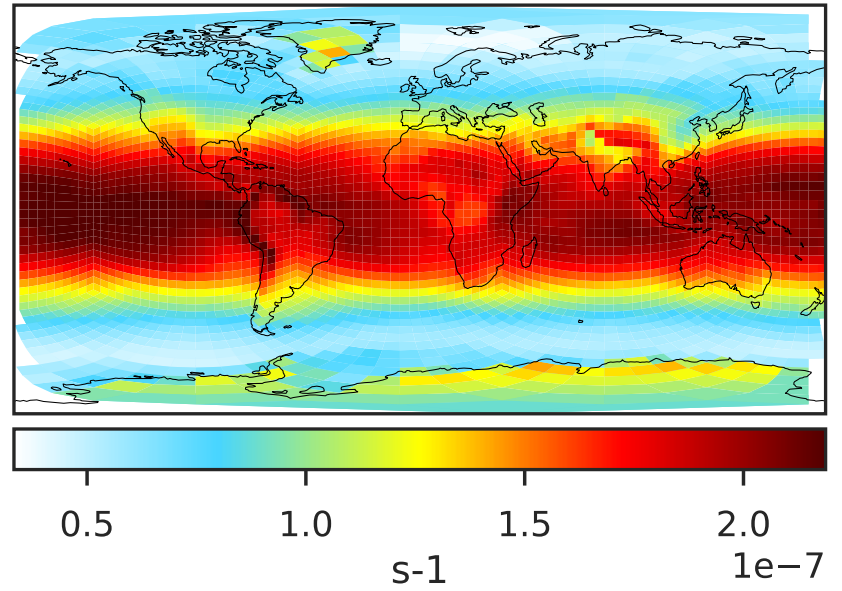


Jval_HNO3 (AnnualMean)

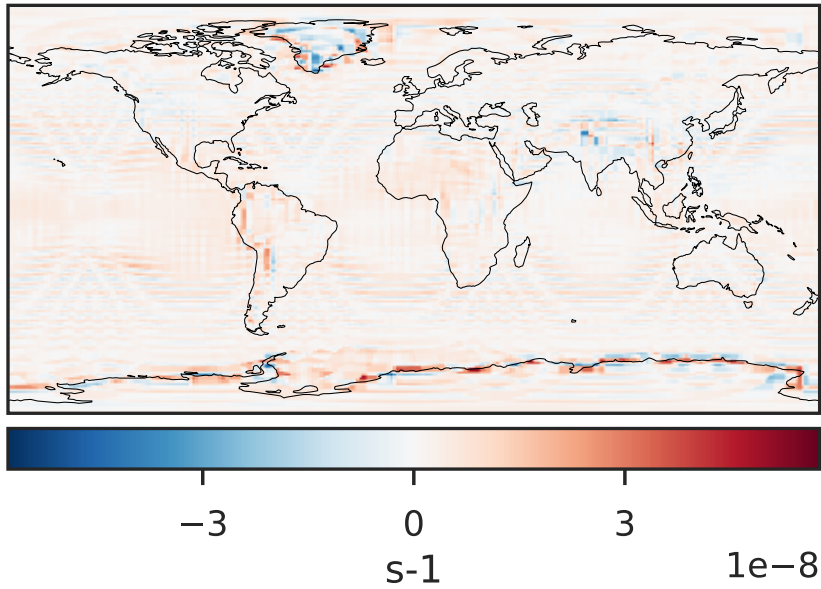
GCC_14.2.0 (Ref)
4.0x5.0



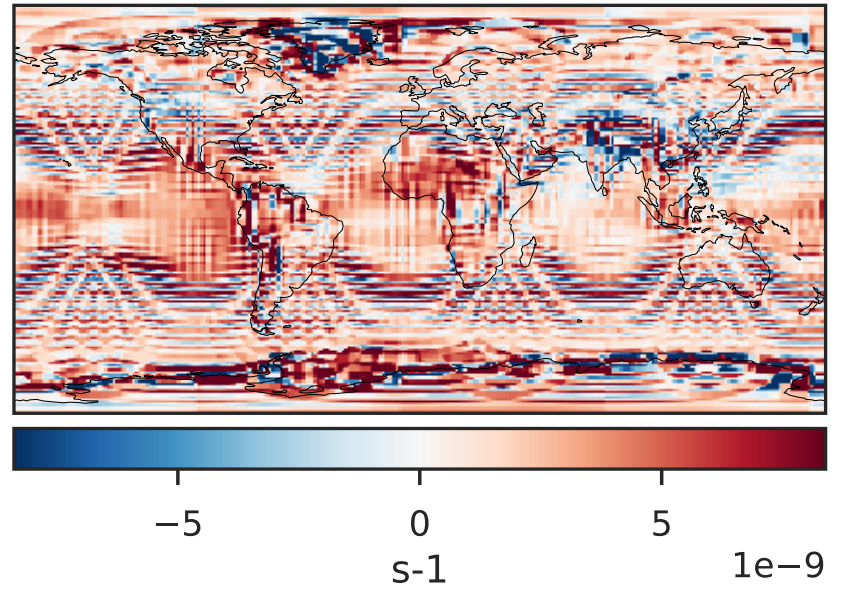
GCHP_14.2.0 (Dev)
c24



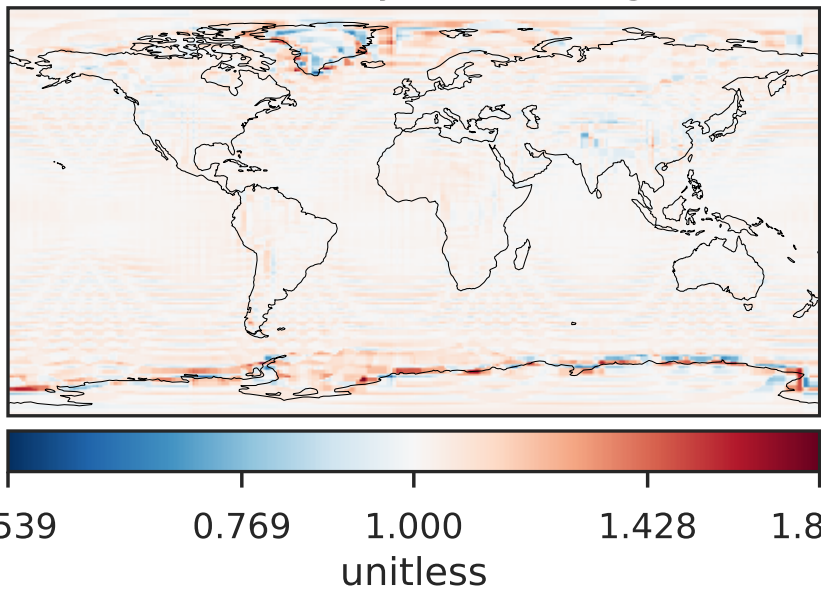
Difference (1x1.25)
Dev - Ref, Dynamic Range



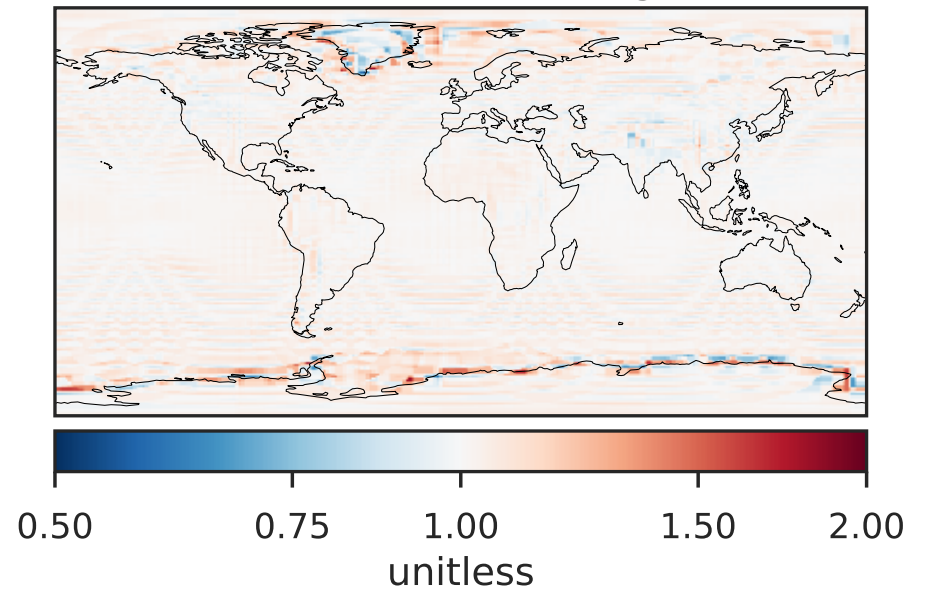
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

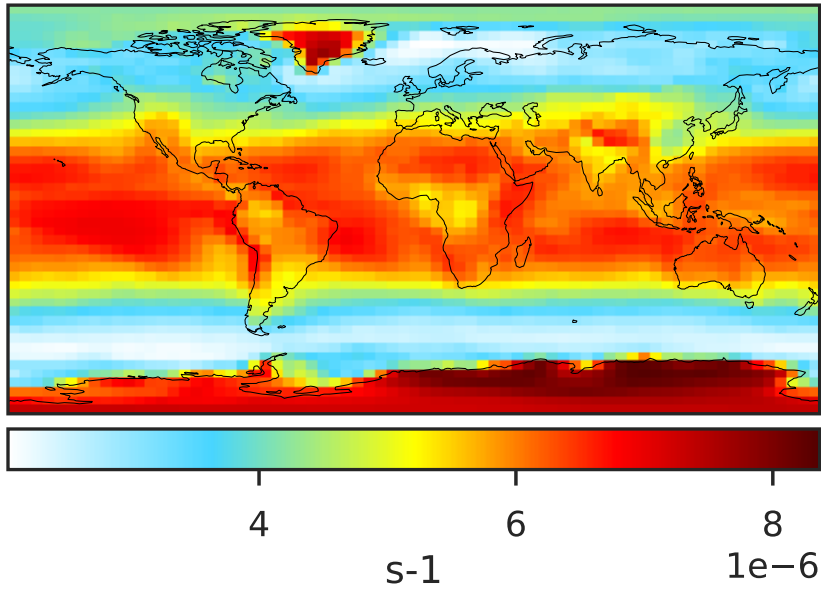


Ratio (1x1.25)
Dev/Ref, Fixed Range

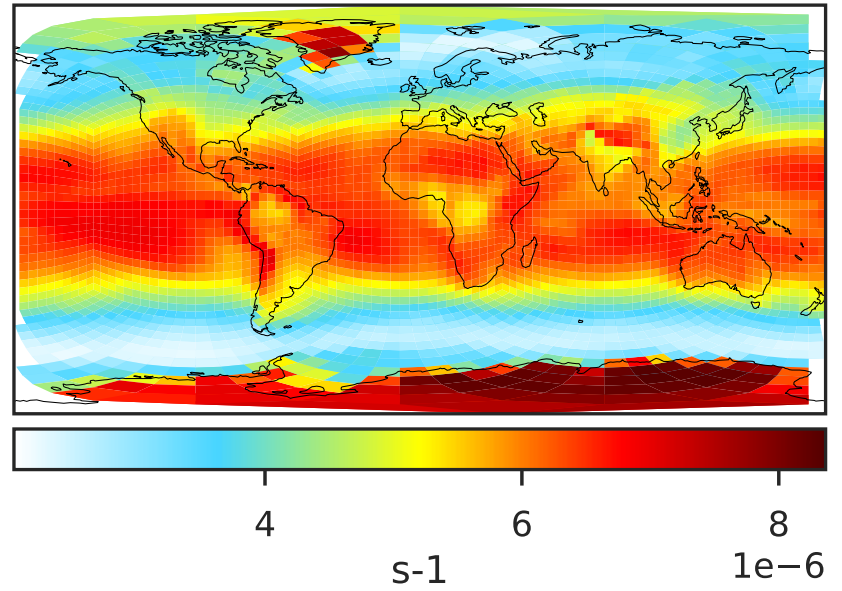


Jval_HNO4 (AnnualMean)

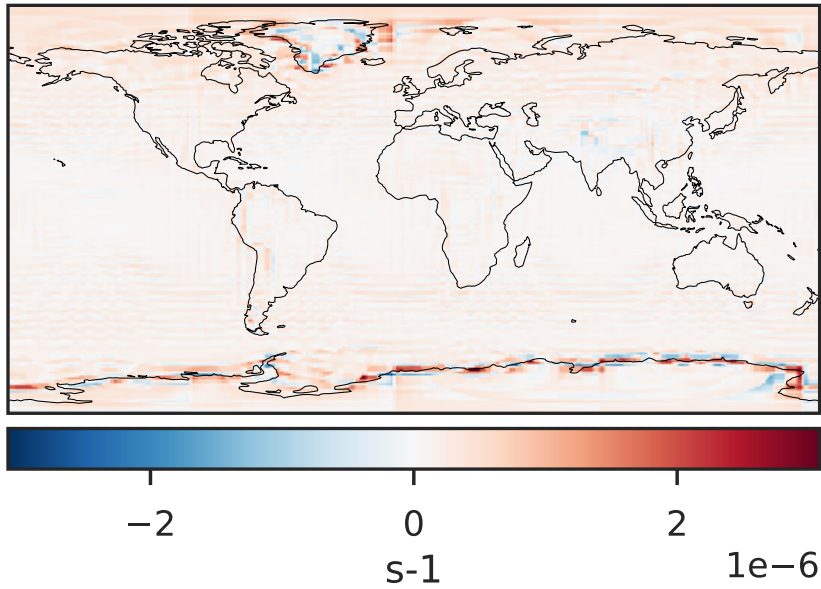
GCC_14.2.0 (Ref)
4.0x5.0



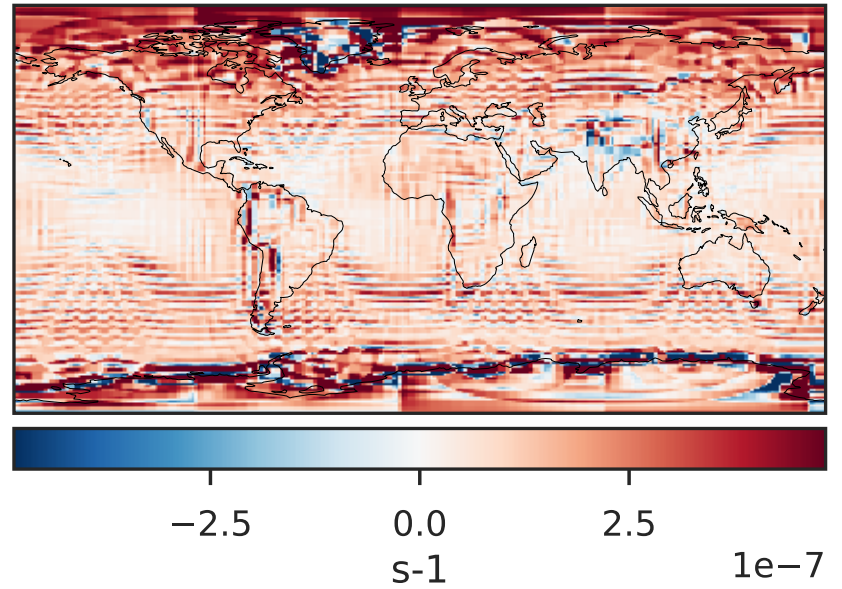
GCHP_14.2.0 (Dev)
c24



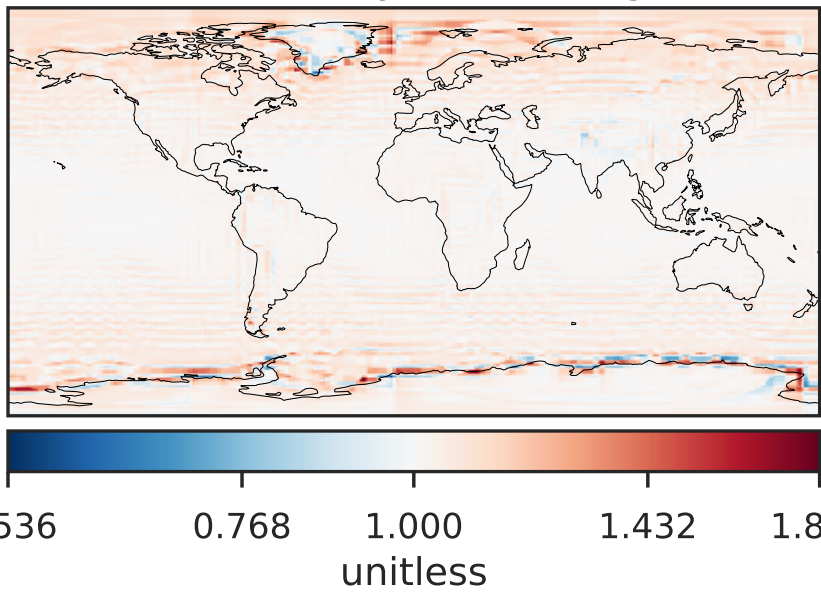
Difference (1x1.25)
Dev - Ref, Dynamic Range



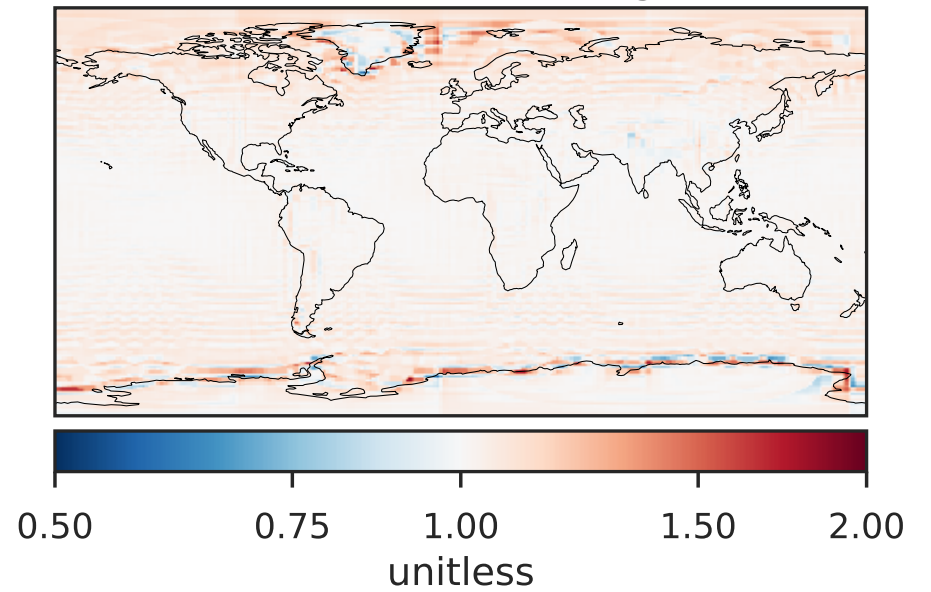
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

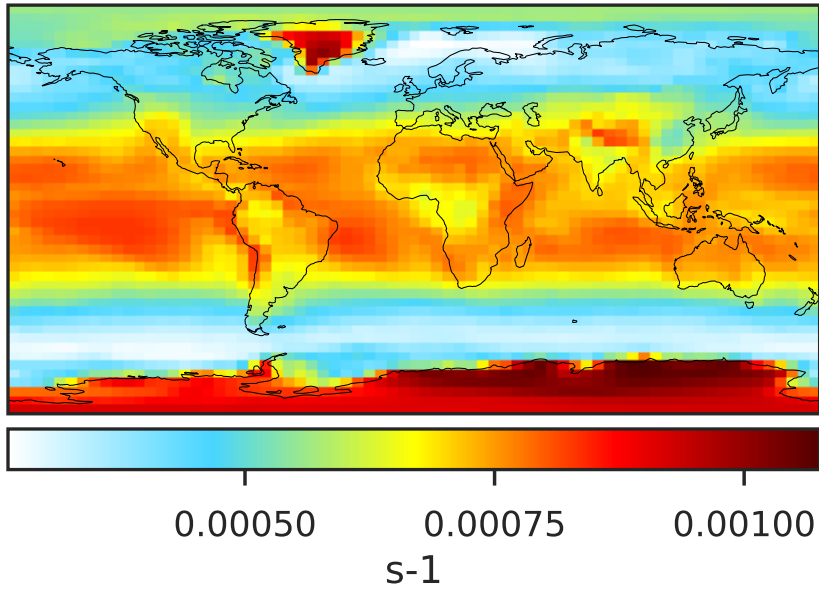


Ratio (1x1.25)
Dev/Ref, Fixed Range

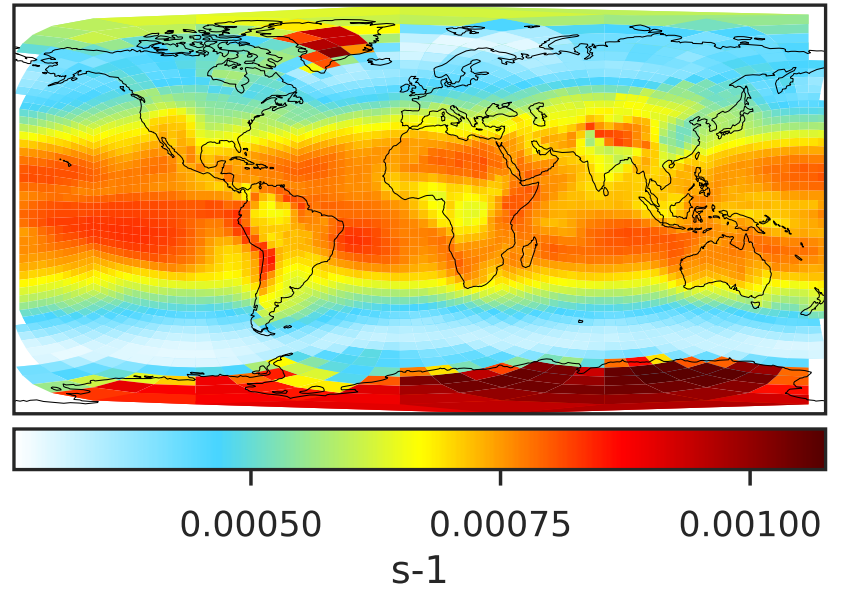


Jval_HOBr (AnnualMean)

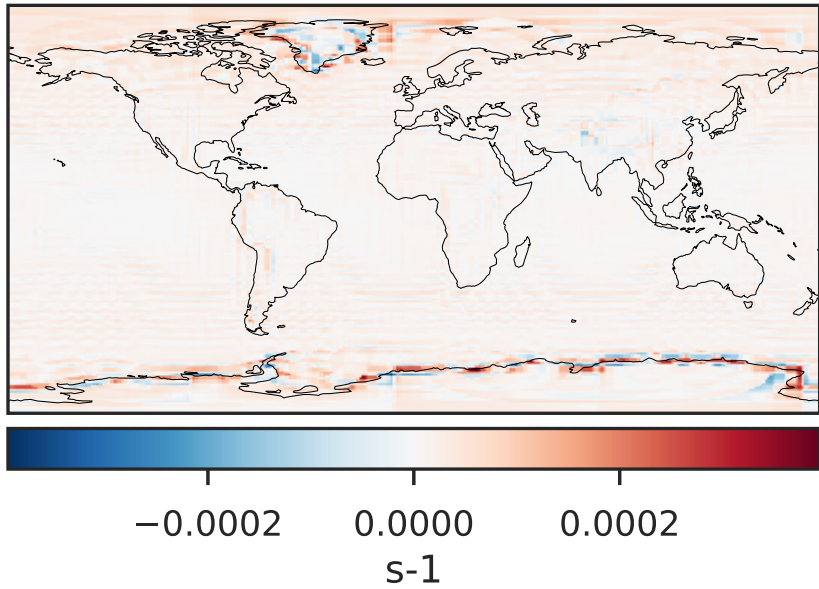
GCC_14.2.0 (Ref)
4.0x5.0



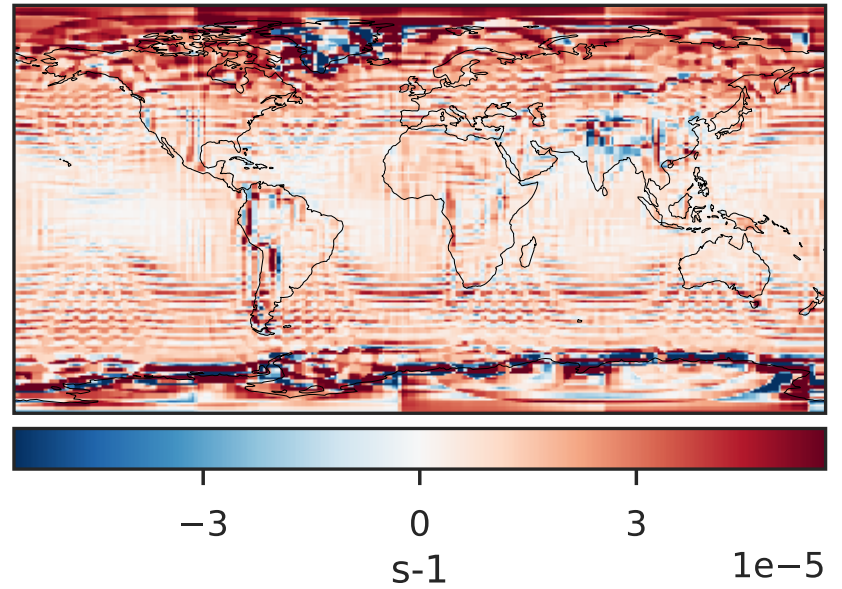
GCHP_14.2.0 (Dev)
c24



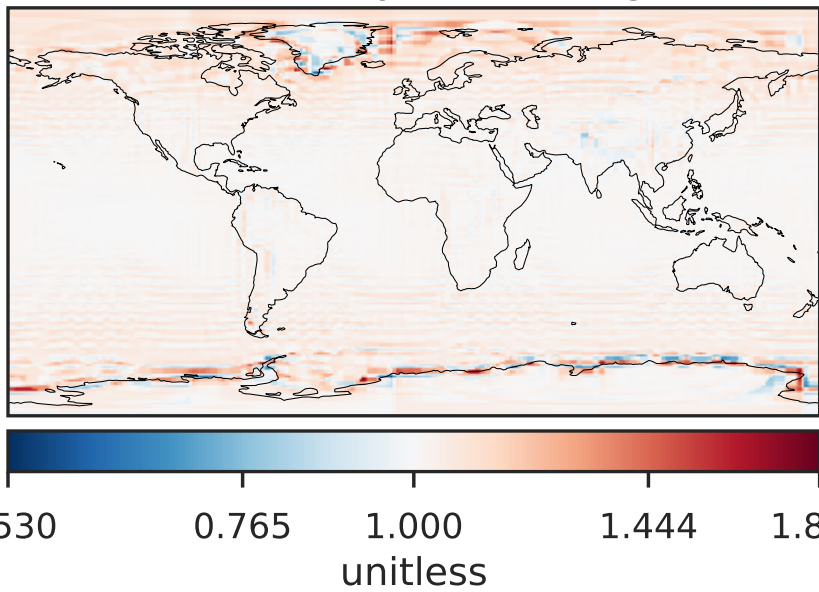
Difference (1x1.25)
Dev - Ref, Dynamic Range



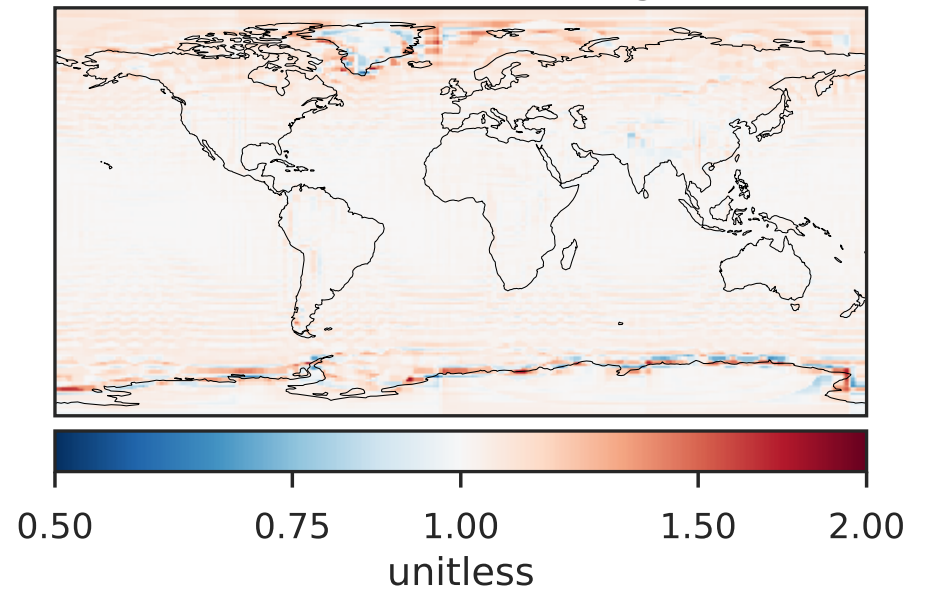
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

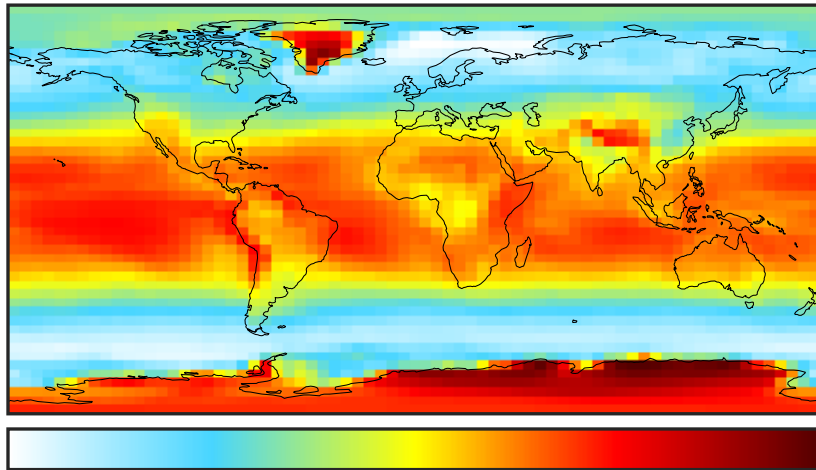


Ratio (1x1.25)
Dev/Ref, Fixed Range



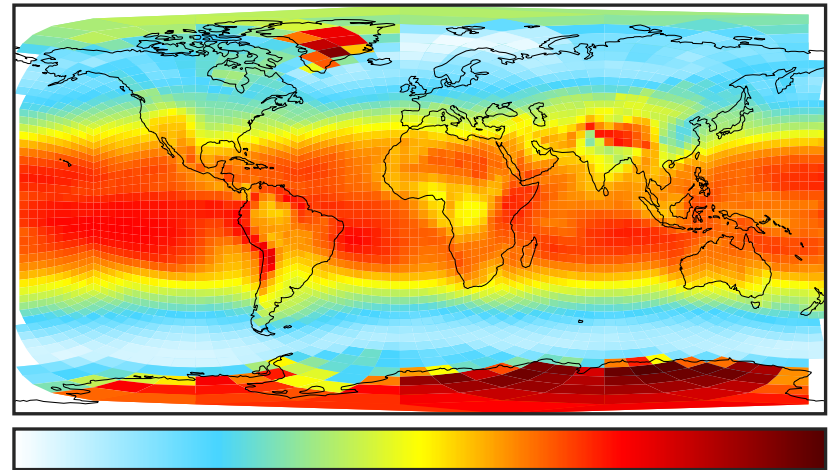
Jval_HOCl (AnnualMean)

GCC_14.2.0 (Ref)
4.0x5.0



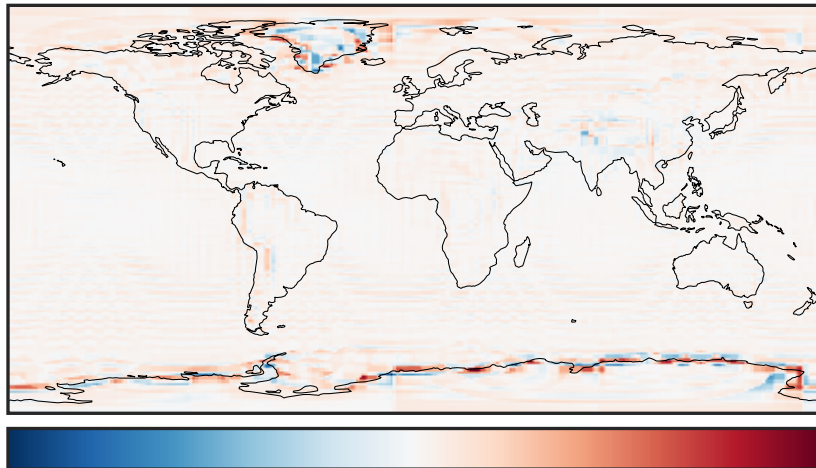
0.000050 0.000075 0.000100
s-1

GCHP_14.2.0 (Dev)
c24



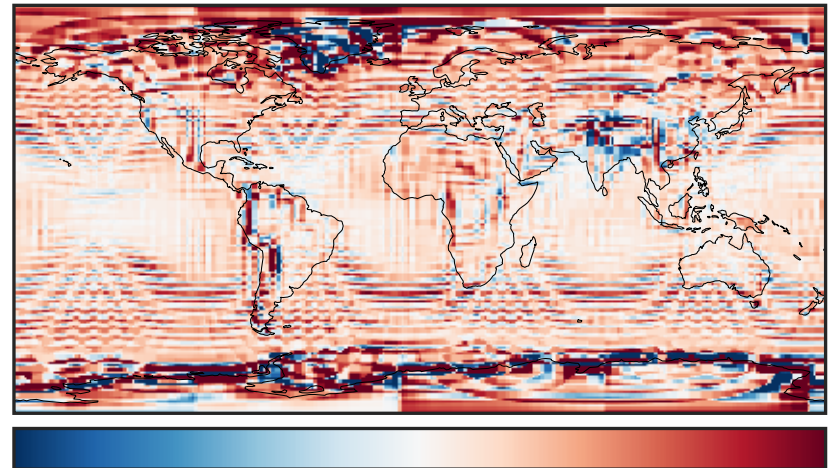
0.000050 0.000075 0.000100
s-1

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



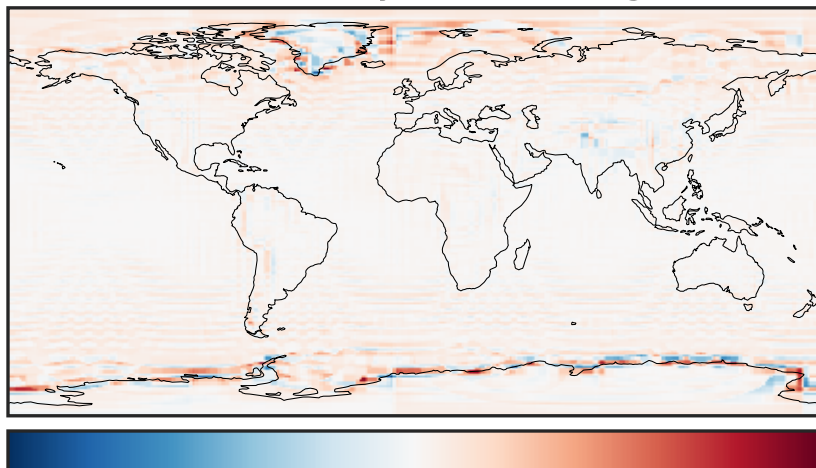
-2.5 0.0 2.5
s-1 1e-5

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



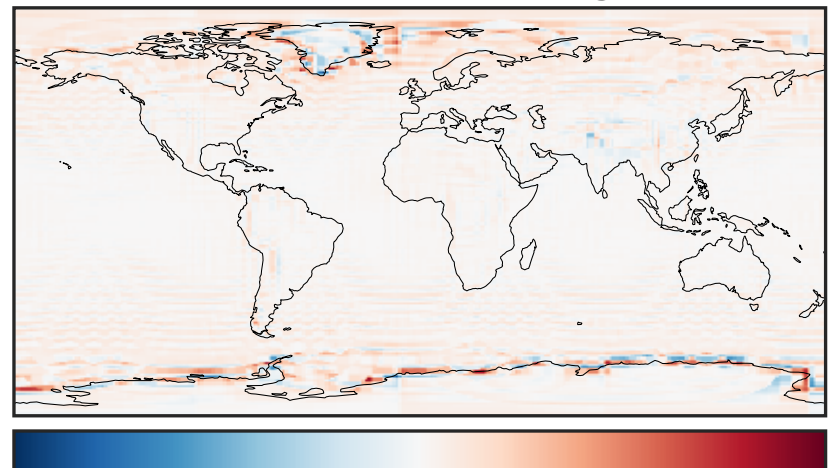
-3 0 3
s-1 1e-6

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



0.520 0.760 1.000 1.462 1.925
unitless

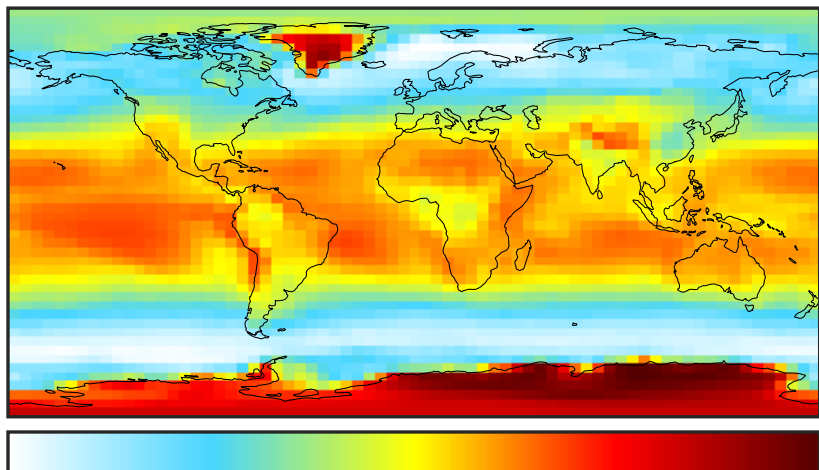
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

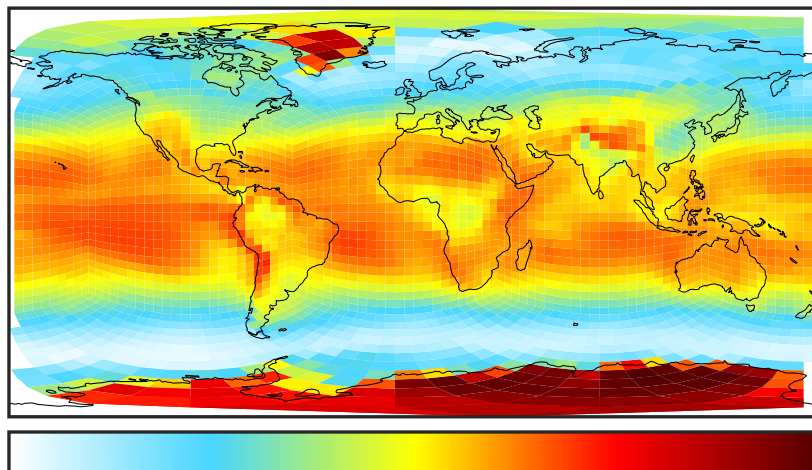
Jval_HOI (AnnualMean)

GCC_14.2.0 (Ref)
4.0x5.0



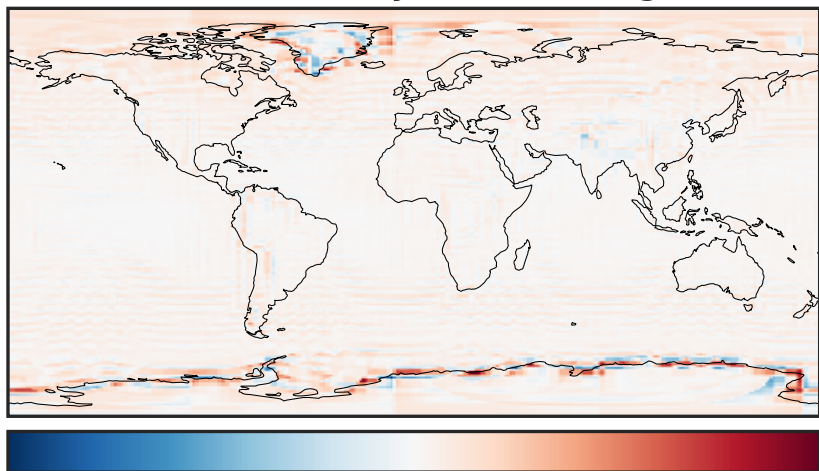
0.002 0.003 0.004
s-1

GCHP_14.2.0 (Dev)
c24



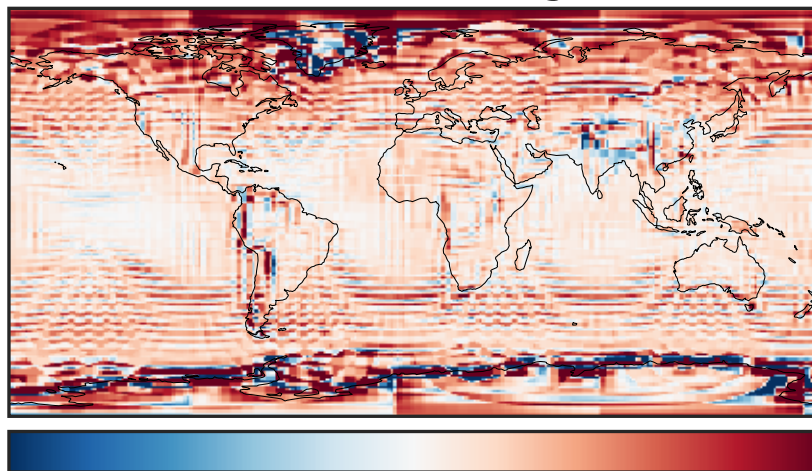
0.002 0.003 0.004
s-1

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



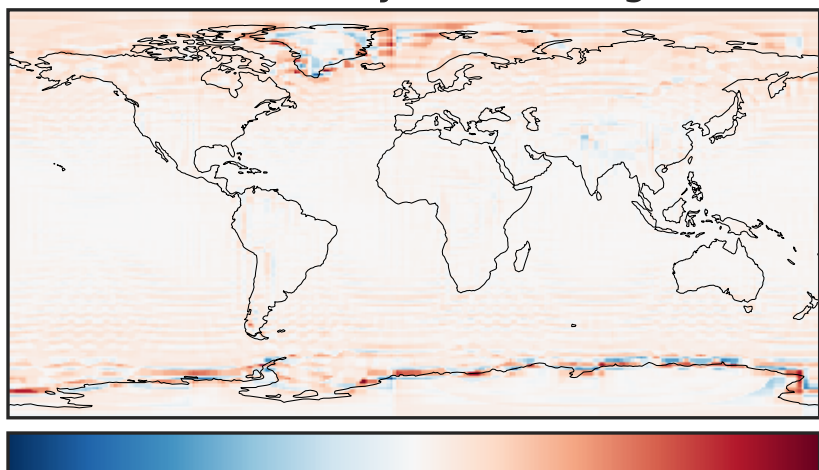
-0.001 0.000 0.001
s-1

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



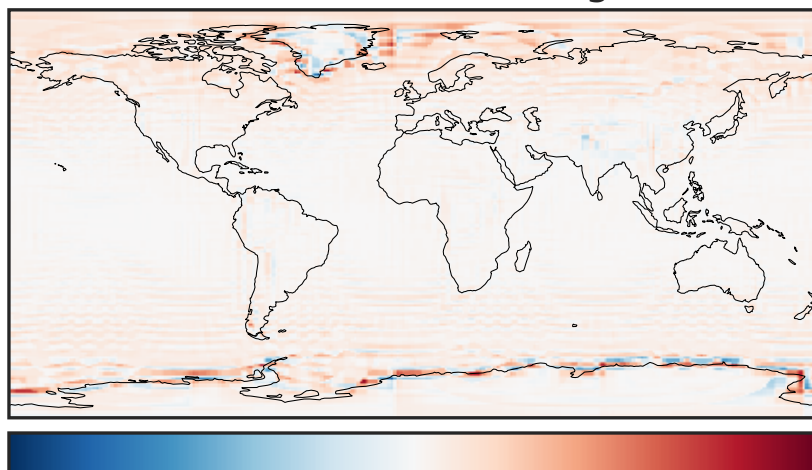
-0.00015 0.00000 0.00015
s-1

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



0.532 0.766 1.000 1.441 1.881
unitless

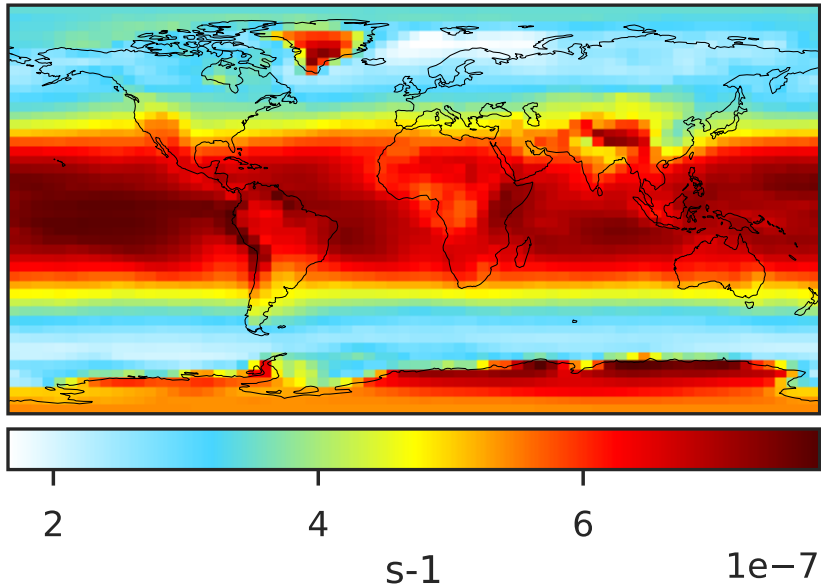
Ratio (1x1.25)
Dev/Ref, Fixed Range



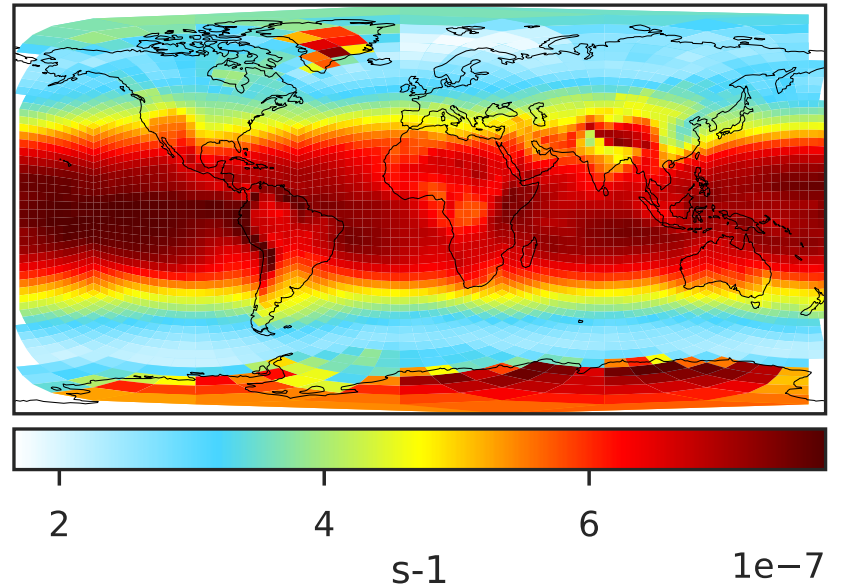
0.50 0.75 1.00 1.50 2.00
unitless

Jval_HONIT (AnnualMean)

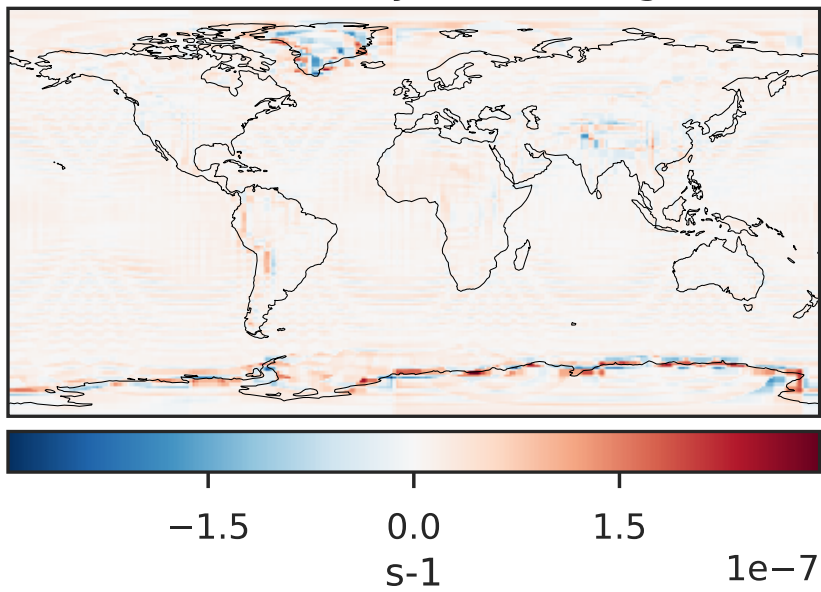
GCC_14.2.0 (Ref)
4.0x5.0



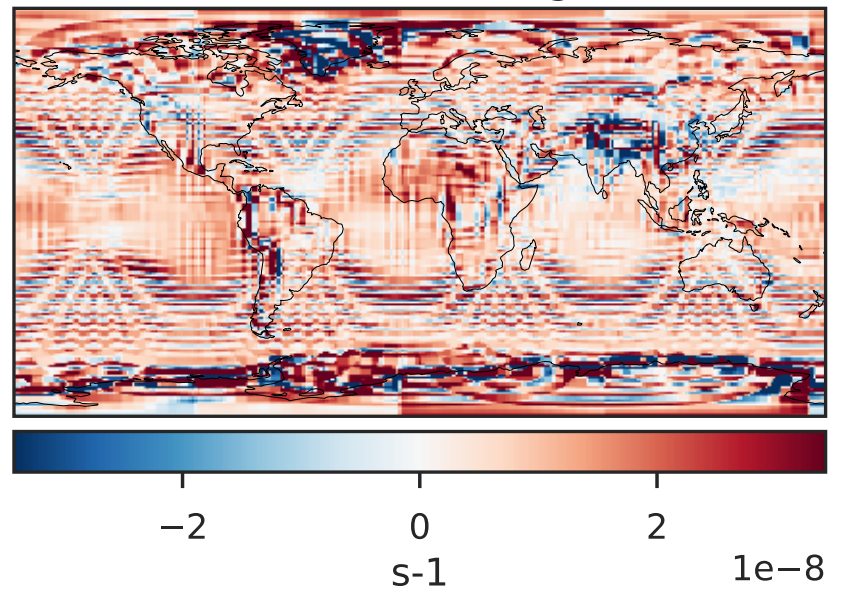
GCHP_14.2.0 (Dev)
c24



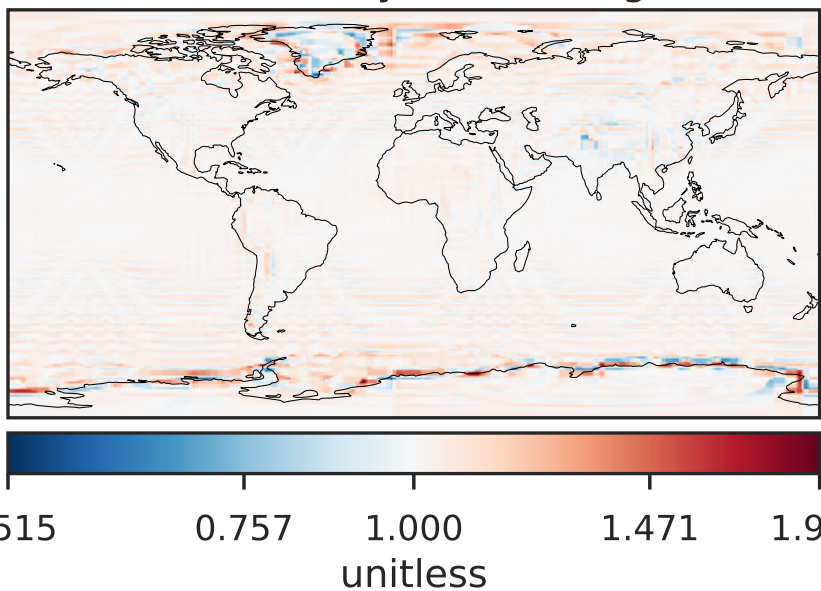
Difference (1x1.25)
Dev - Ref, Dynamic Range



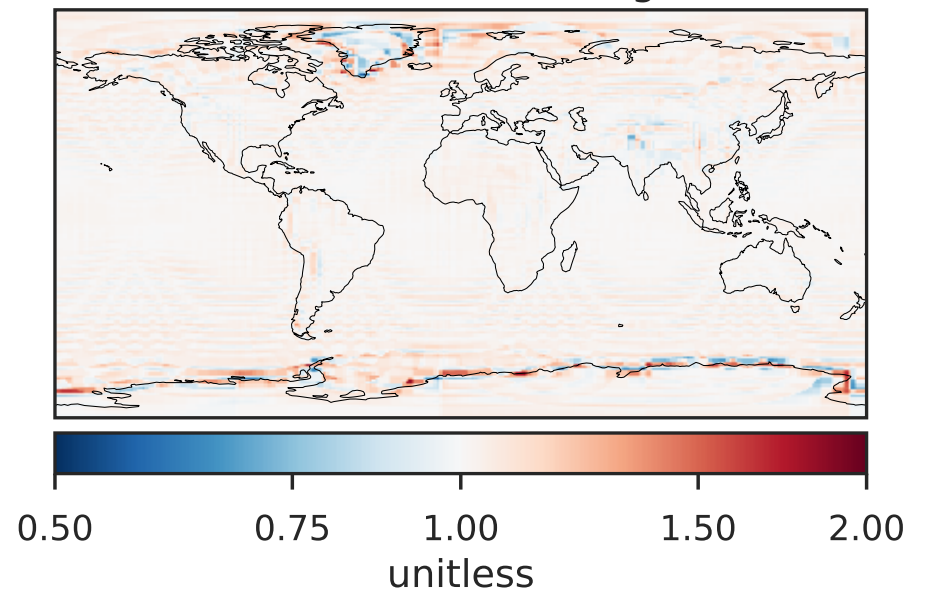
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

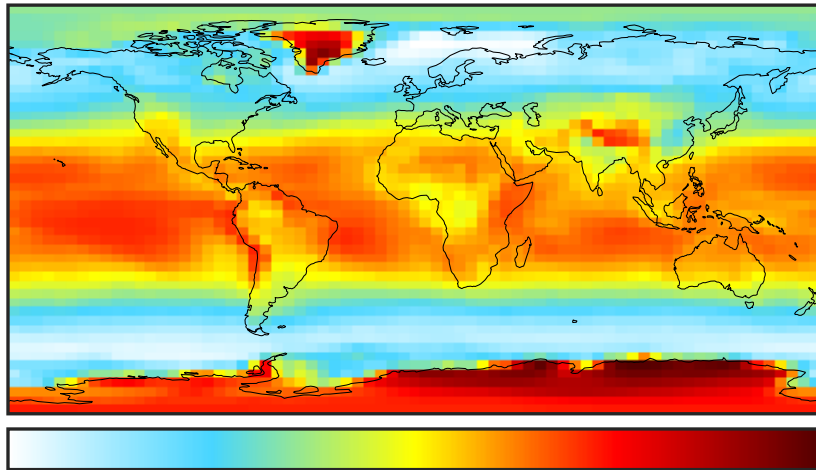


Ratio (1x1.25)
Dev/Ref, Fixed Range



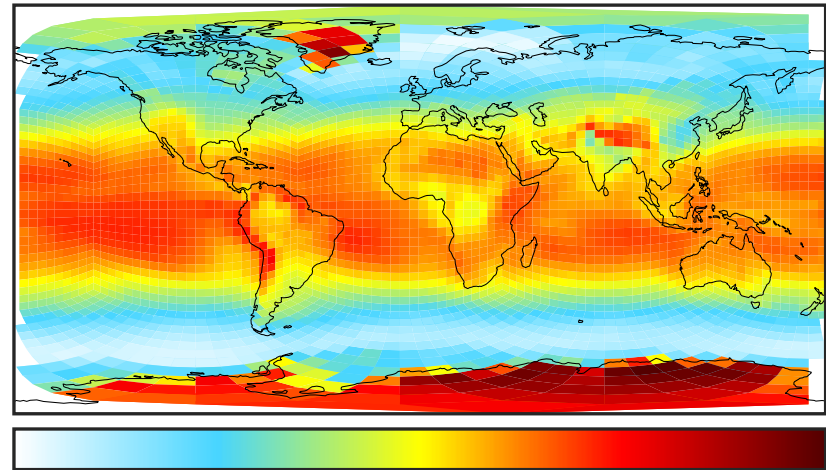
Jval_HPALD1 (AnnualMean)

GCC_14.2.0 (Ref)
4.0x5.0



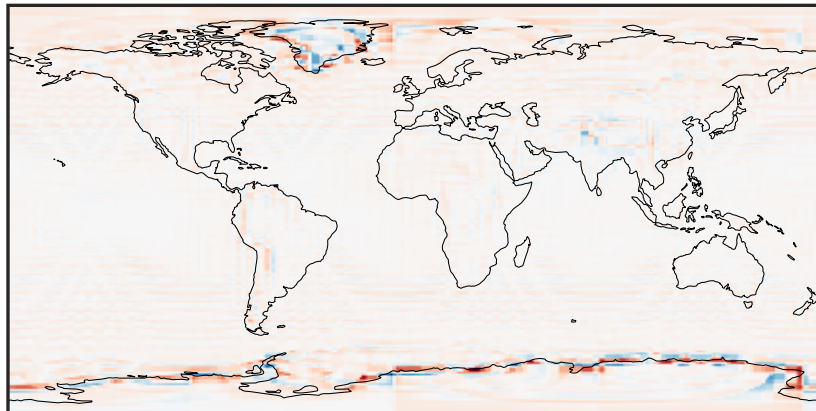
0.00006 0.00009 0.00012
s-1

GCHP_14.2.0 (Dev)
c24



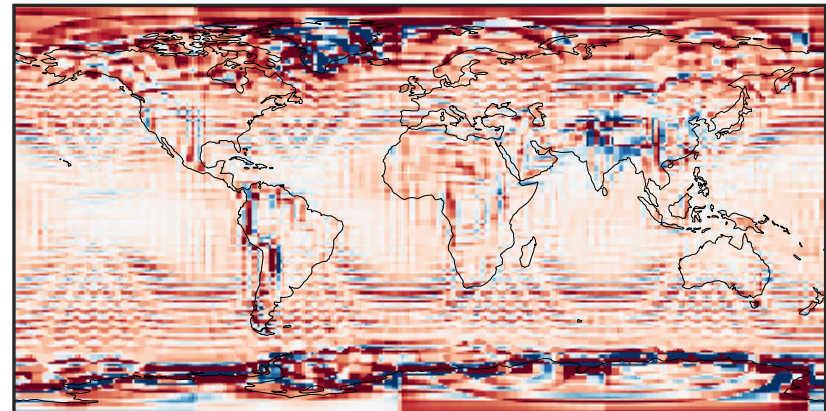
0.00006 0.00009 0.00012
s-1

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



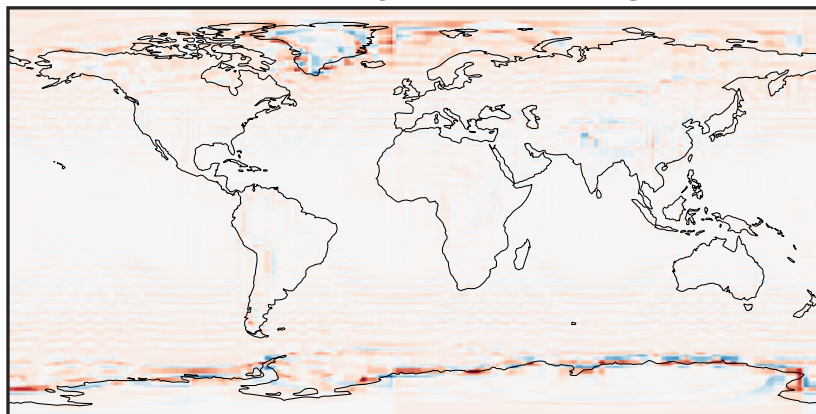
-2.5 0.0 2.5
s-1 1e-5

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



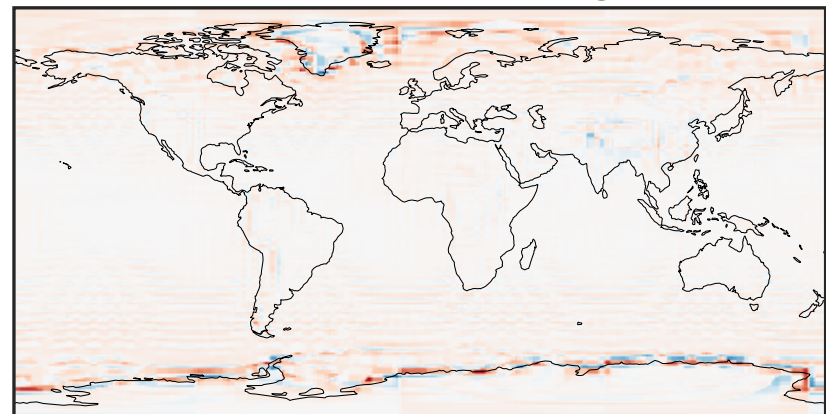
-3 0 3
s-1 1e-6

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



0.519 0.760 1.000 1.463 1.926
unitless

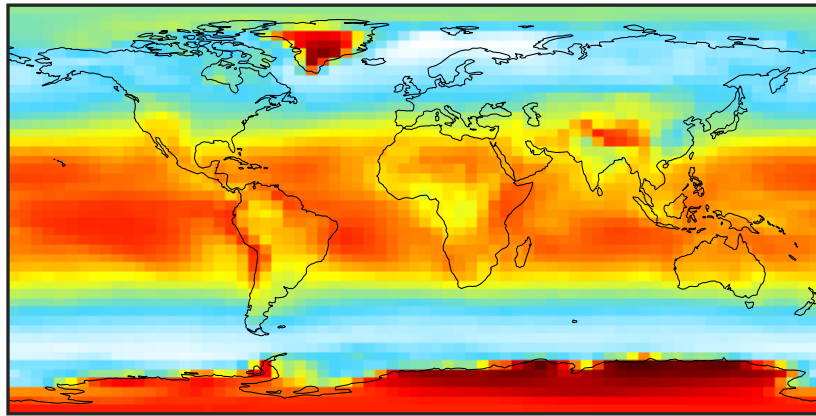
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

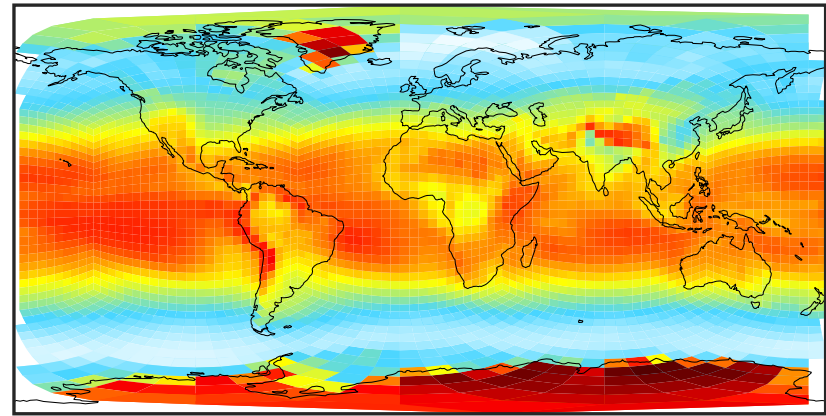
Jval_HPALD2 (AnnualMean)

GCC_14.2.0 (Ref)
4.0x5.0



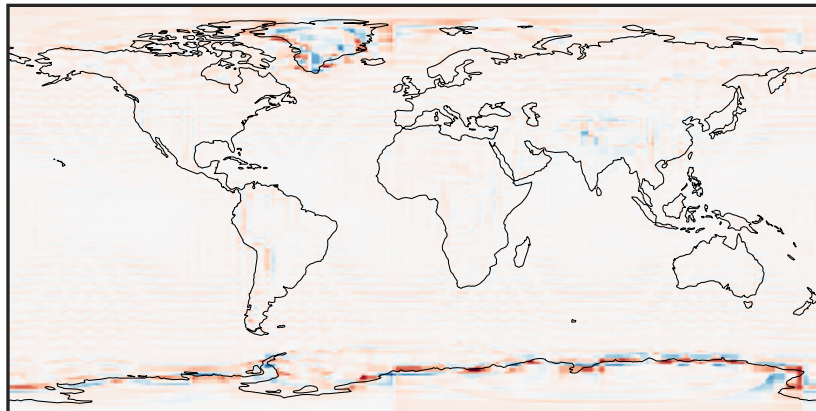
0.000050 0.000075 0.000100 0.000125
s-1

GCHP_14.2.0 (Dev)
c24



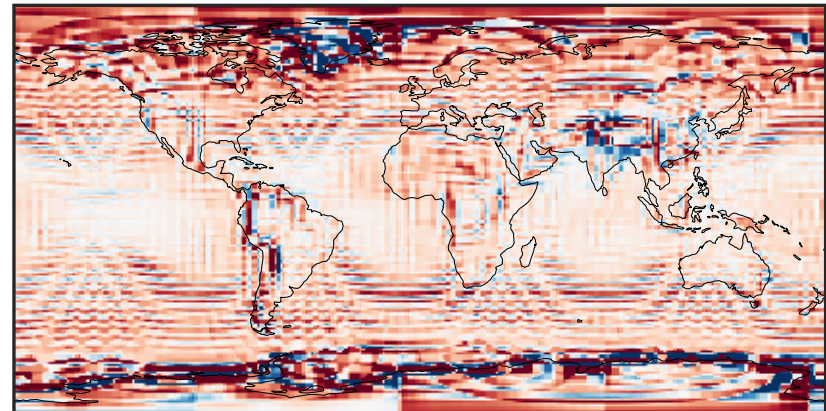
0.000050 0.000075 0.000100 0.000125
s-1

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



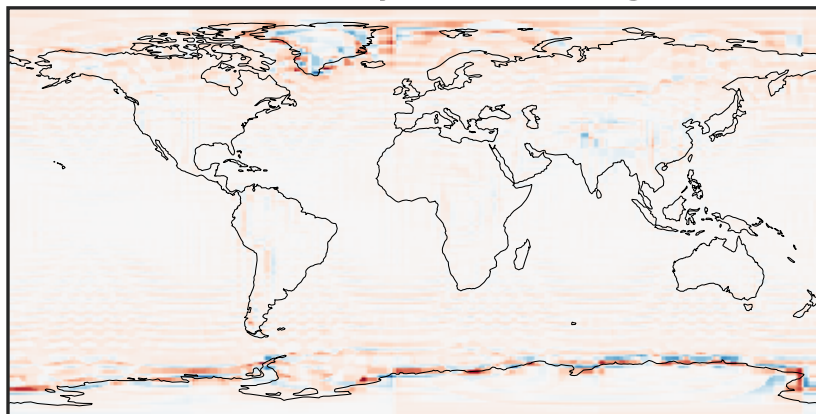
-2.5 0.0 2.5
s-1 1e-5

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



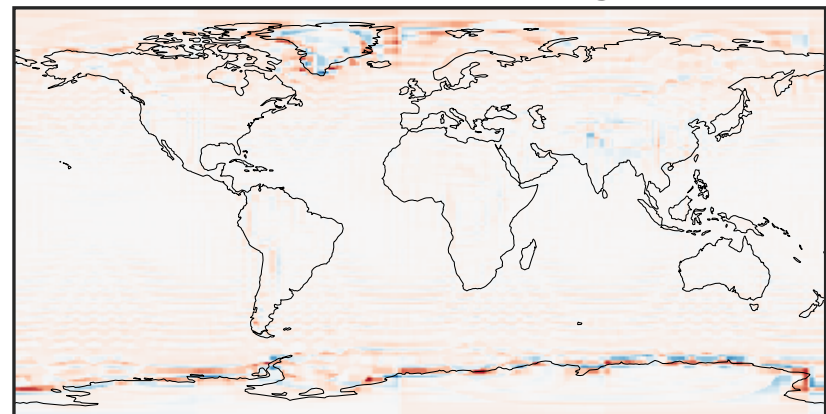
-3 0 3
s-1 1e-6

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



0.519 0.760 1.000 1.463 1.926
unitless

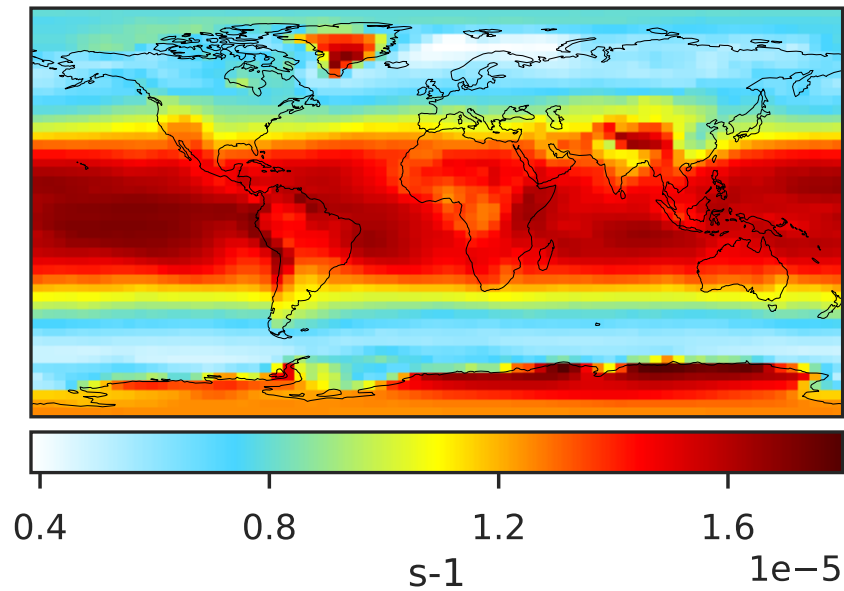
Ratio (1x1.25)
Dev/Ref, Fixed Range



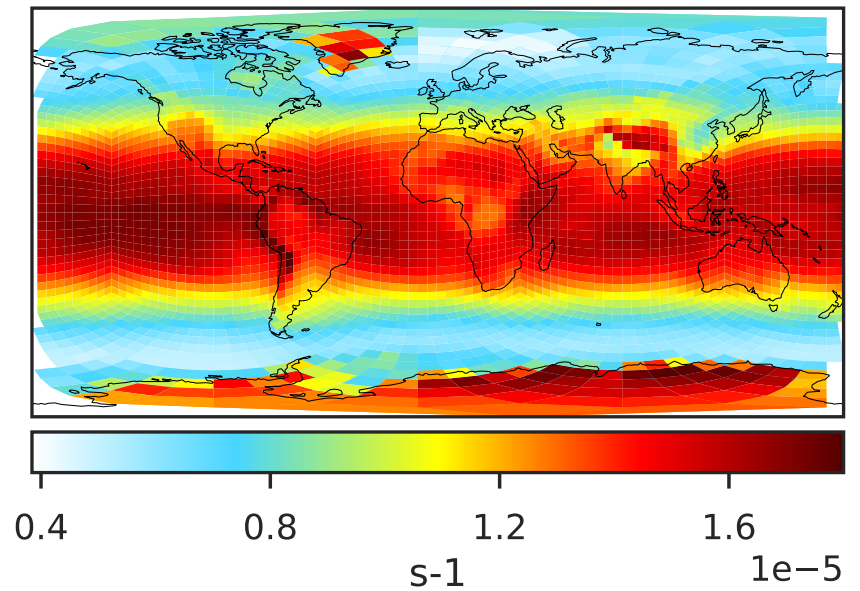
0.50 0.75 1.00 1.50 2.00
unitless

Jval_HPALD3 (AnnualMean)

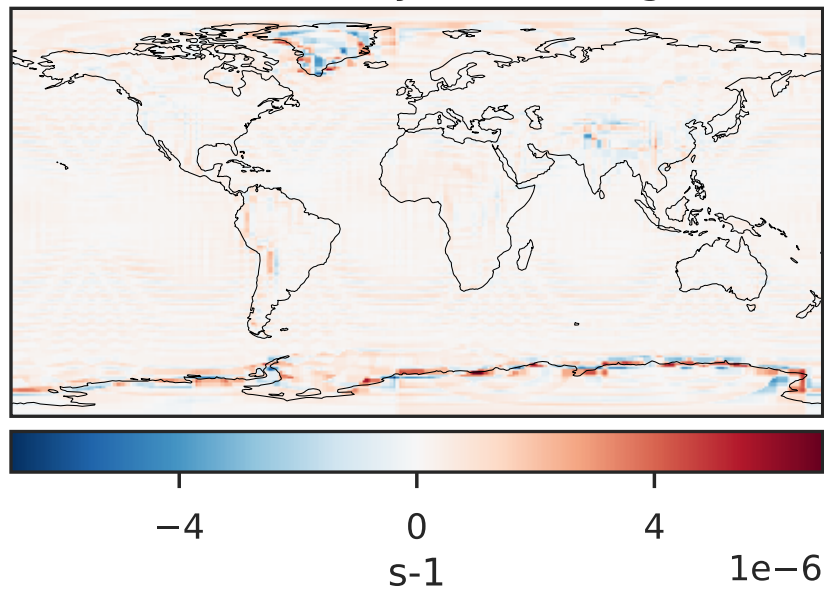
GCC_14.2.0 (Ref)
4.0x5.0



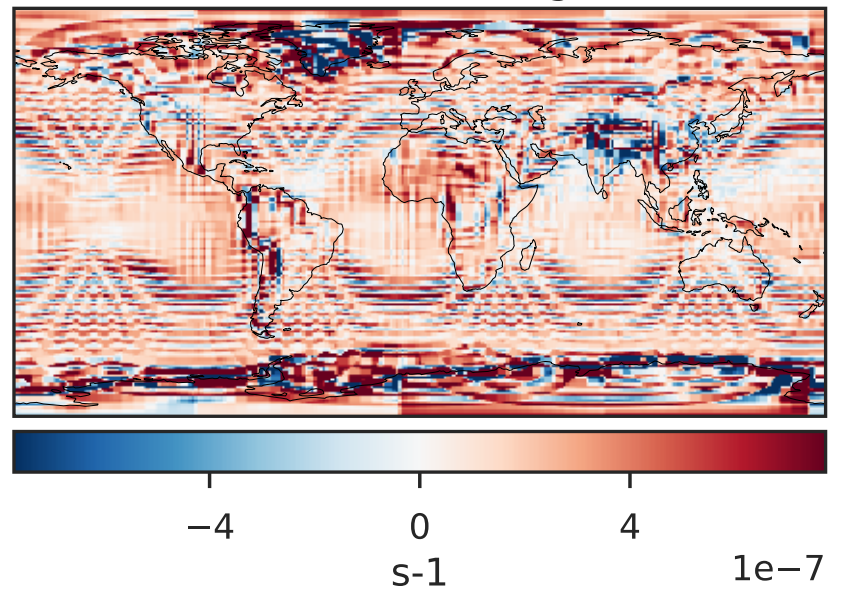
GCHP_14.2.0 (Dev)
c24



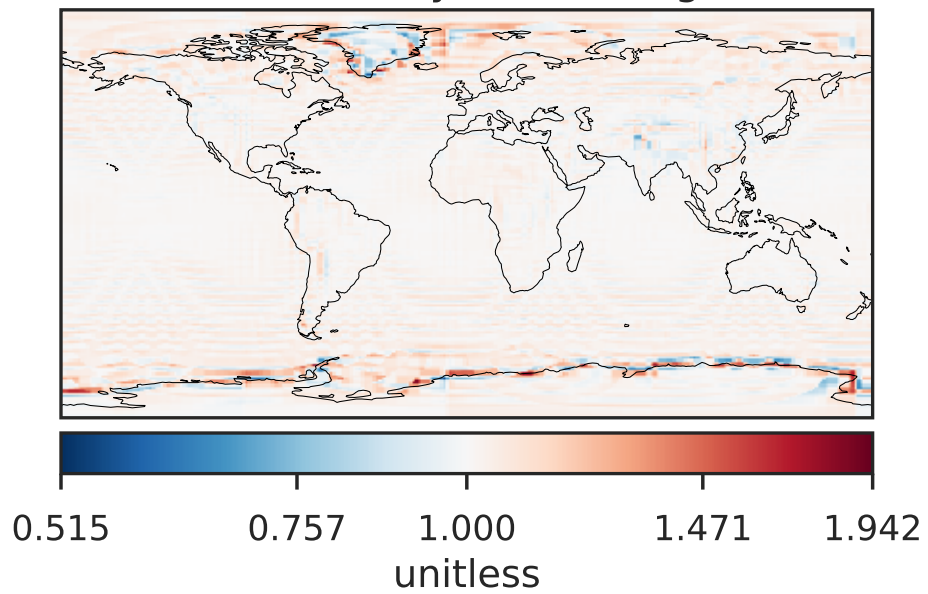
Difference (1x1.25)
Dev - Ref, Dynamic Range



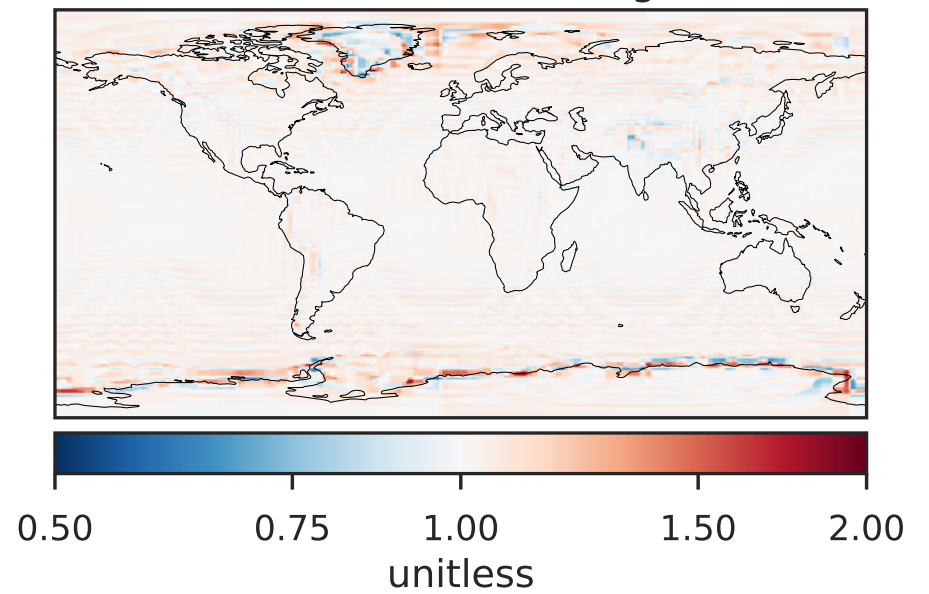
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

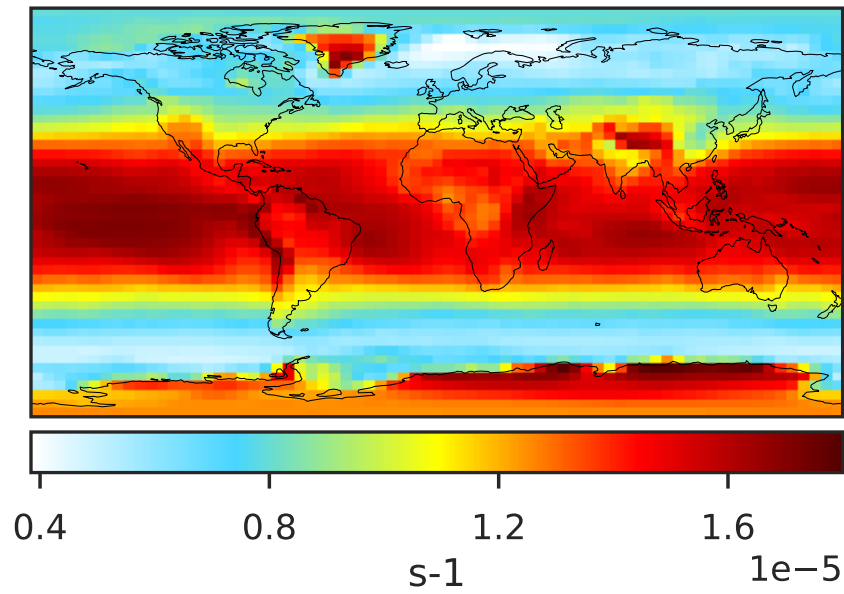


Ratio (1x1.25)
Dev/Ref, Fixed Range

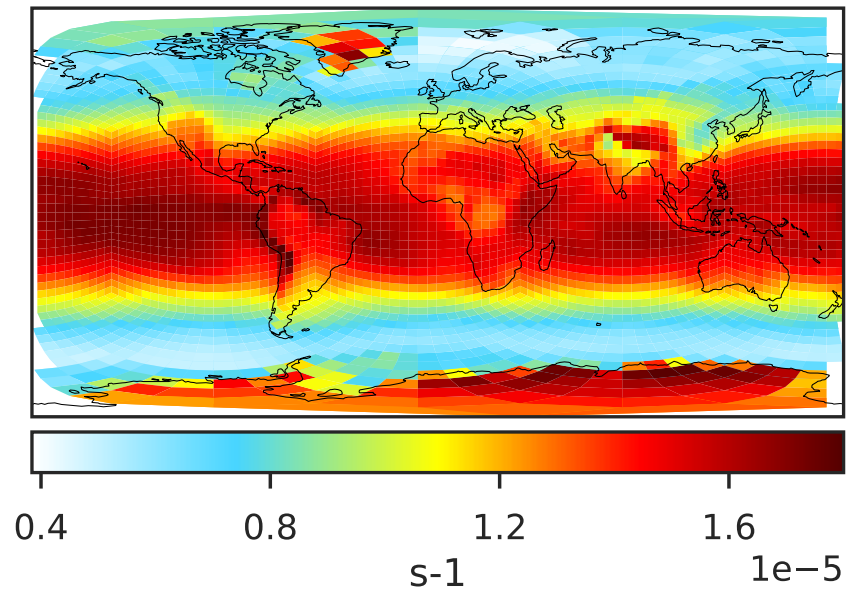


Jval_HPALD4 (AnnualMean)

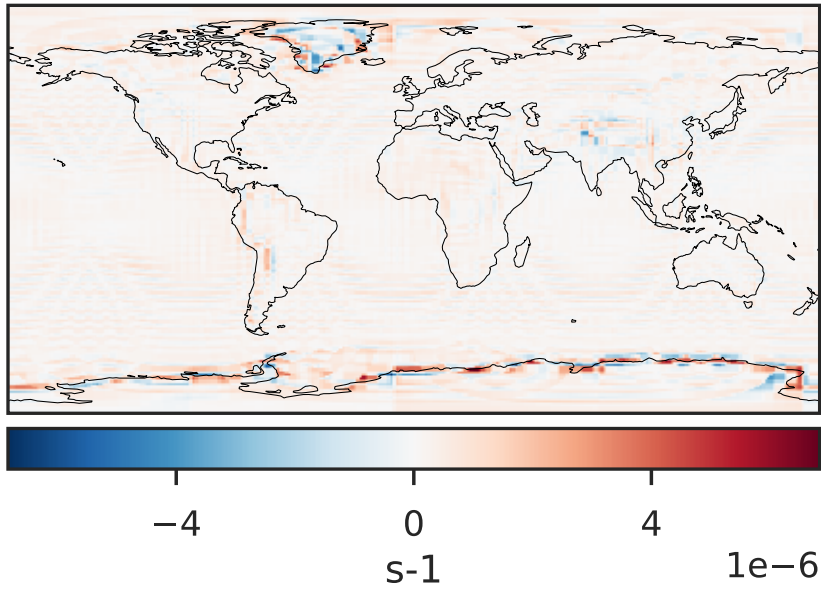
GCC_14.2.0 (Ref)
4.0x5.0



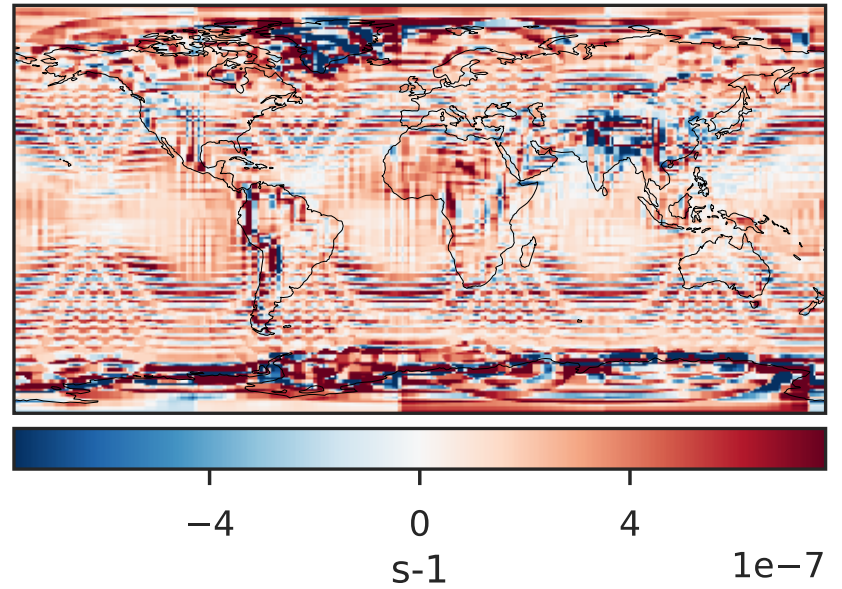
GCHP_14.2.0 (Dev)
c24



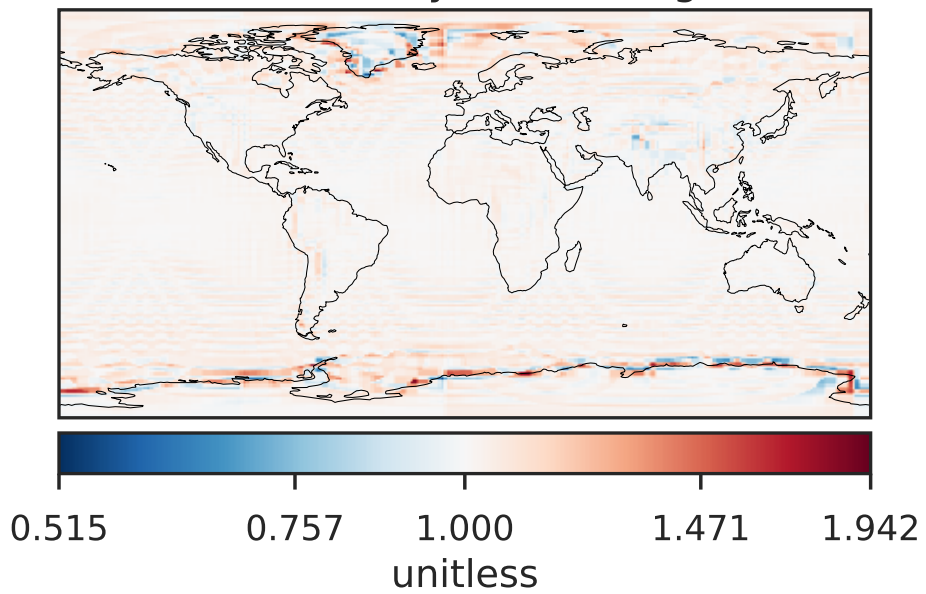
Difference (1x1.25)
Dev - Ref, Dynamic Range



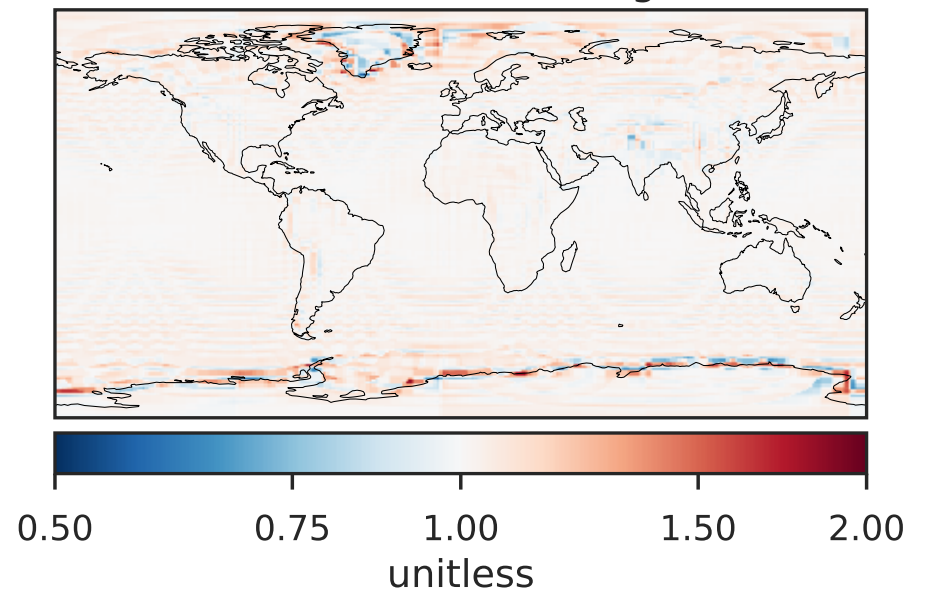
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

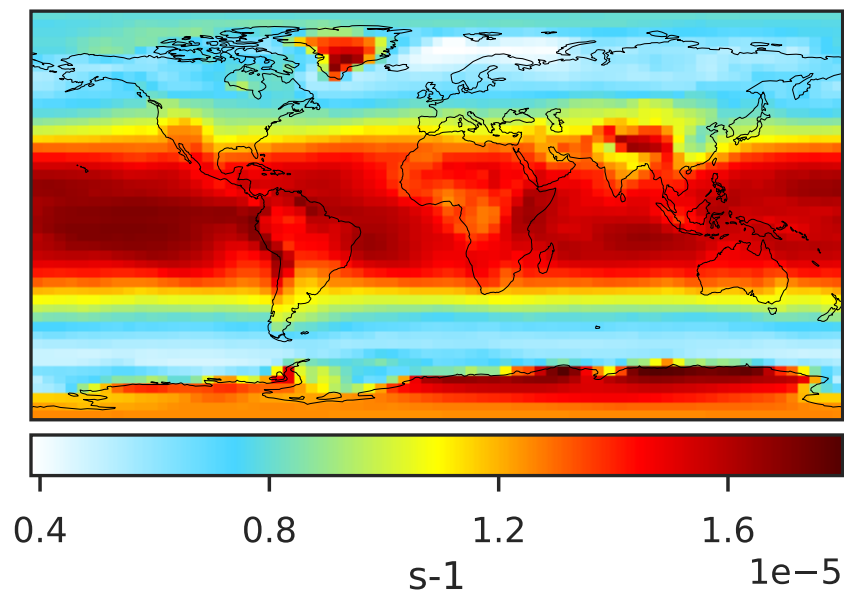


Ratio (1x1.25)
Dev/Ref, Fixed Range

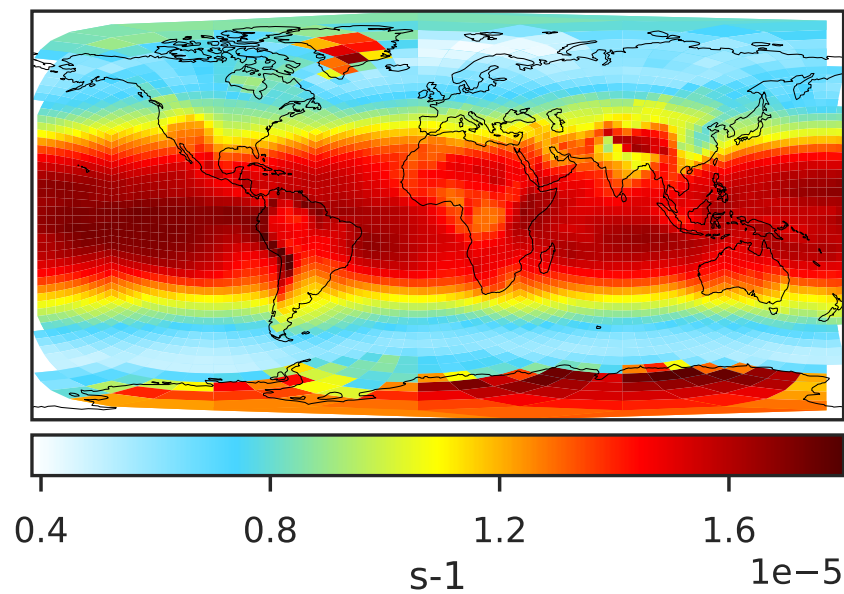


Jval_HPETHNL (AnnualMean)

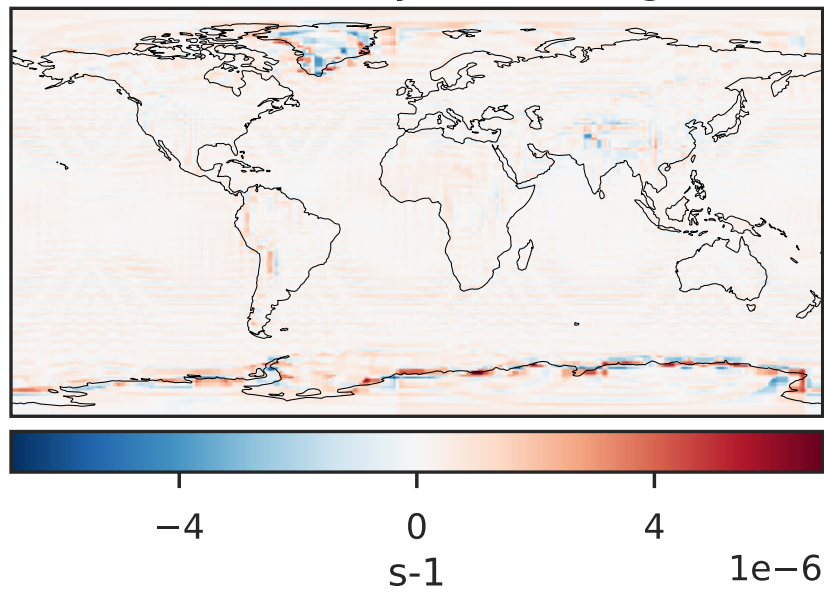
GCC_14.2.0 (Ref)
4.0x5.0



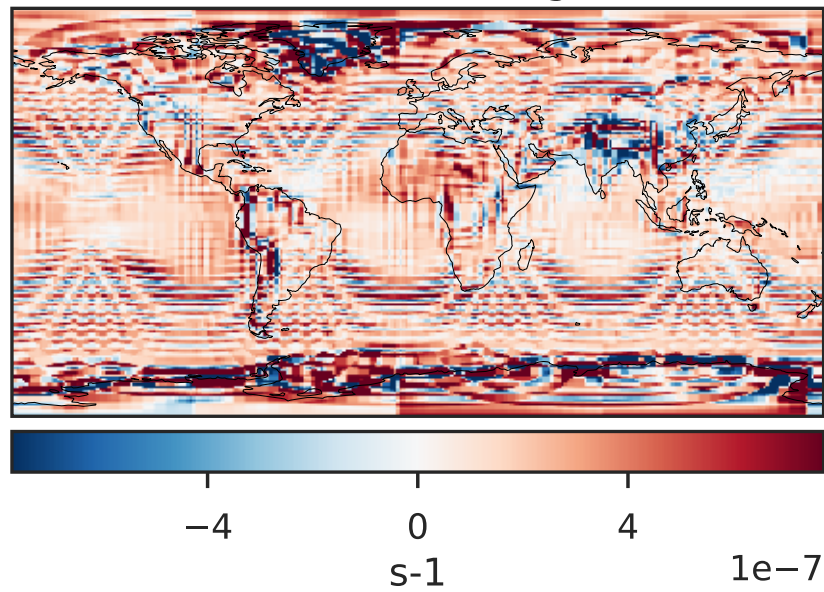
GCHP_14.2.0 (Dev)
c24



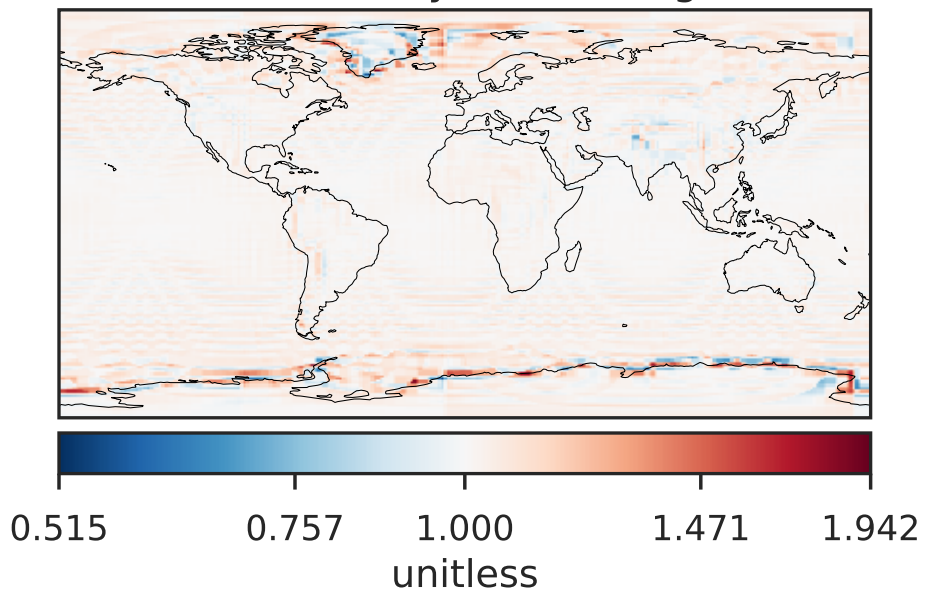
Difference (1x1.25)
Dev - Ref, Dynamic Range



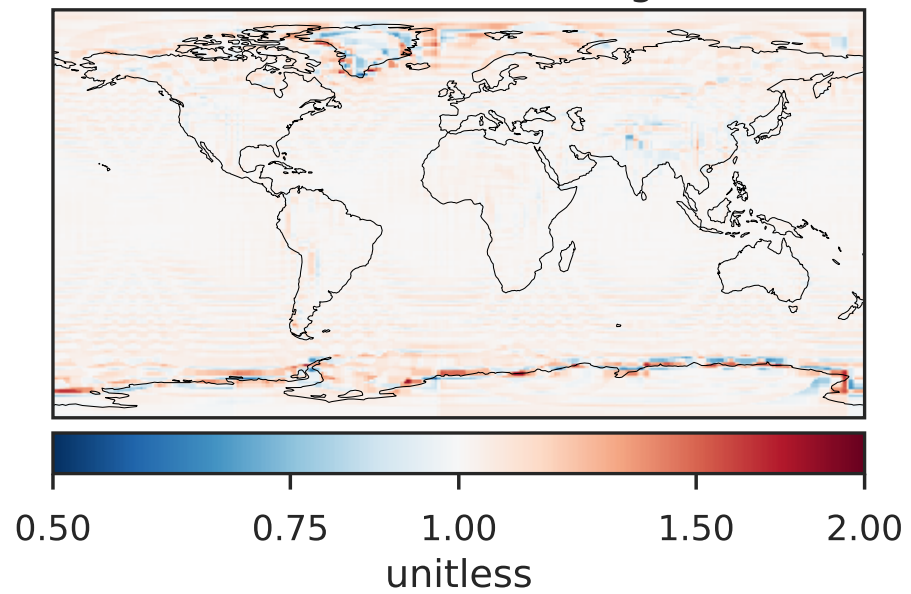
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

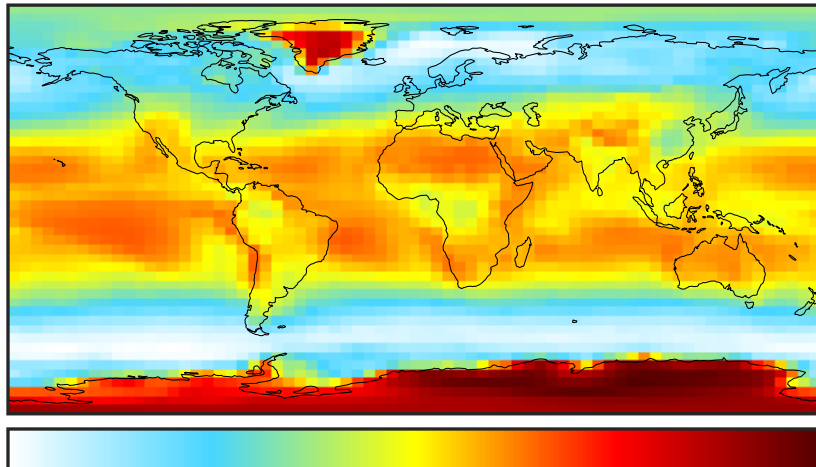


Ratio (1x1.25)
Dev/Ref, Fixed Range



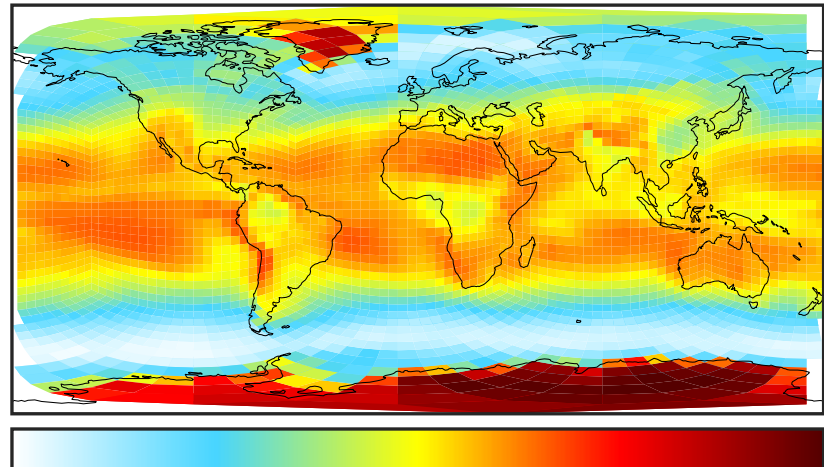
Jval_I2 (AnnualMean)

GCC_14.2.0 (Ref)
4.0x5.0



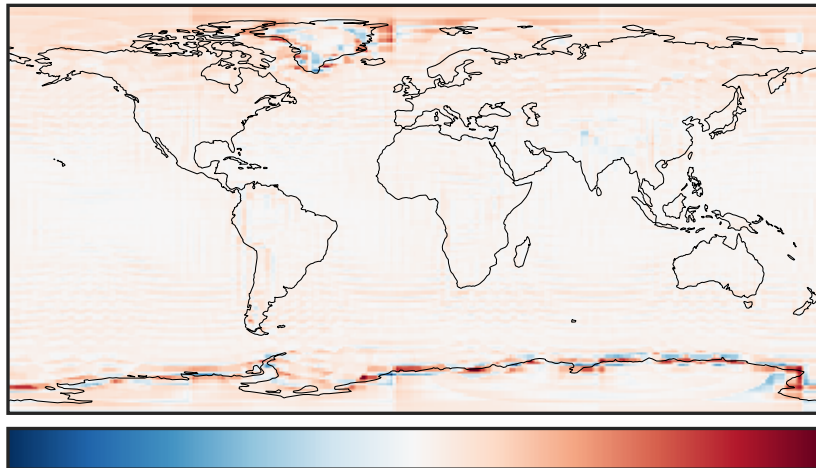
0.050 0.075 0.100
s-1

GCHP_14.2.0 (Dev)
c24



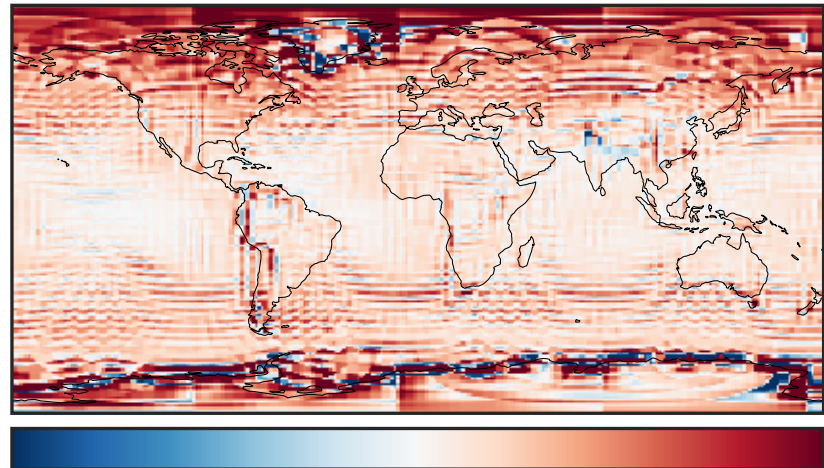
0.050 0.075 0.100
s-1

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



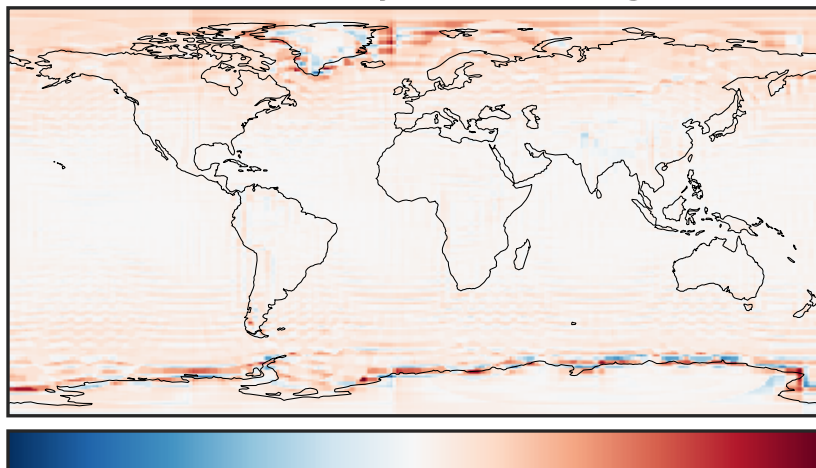
-0.02 0.00 0.02
s-1

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



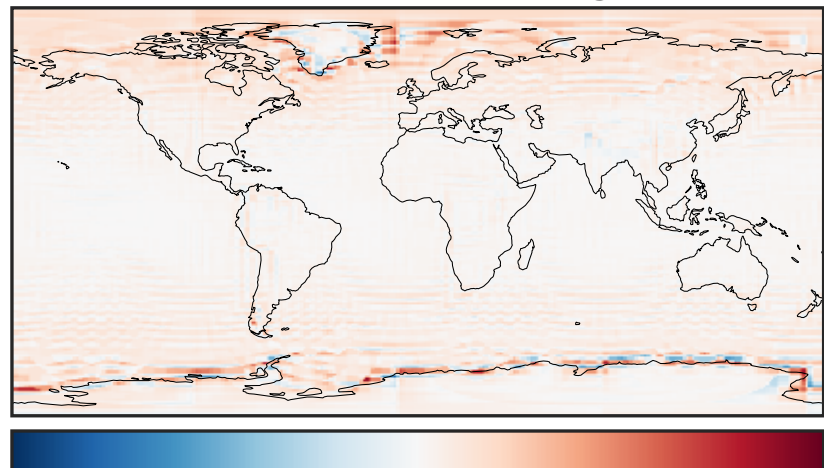
-0.004 0.000 0.004
s-1

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



0.544 0.772 1.000 1.419 1.838
unitless

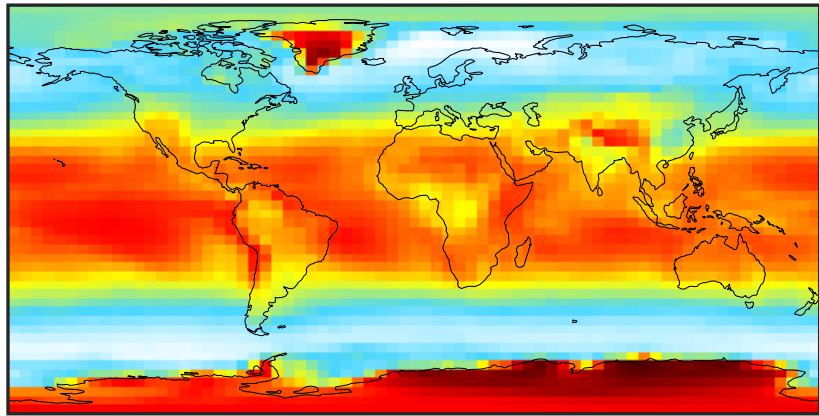
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

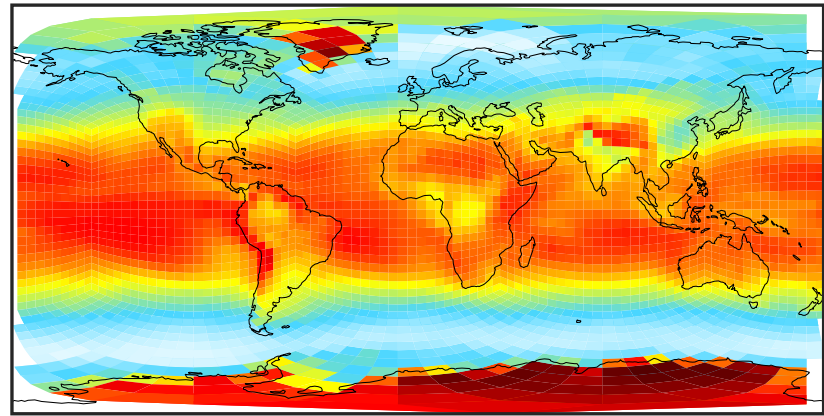
Jval_I2O2 (AnnualMean)

GCC_14.2.0 (Ref)
4.0x5.0



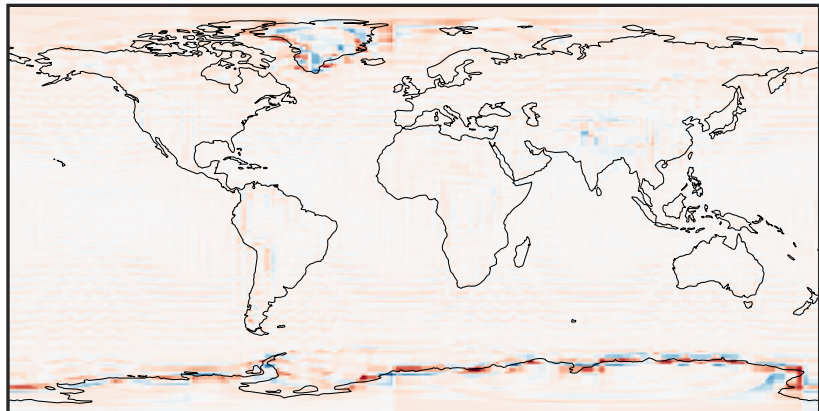
0.005 0.010 0.015 0.020
s-1

GCHP_14.2.0 (Dev)
c24



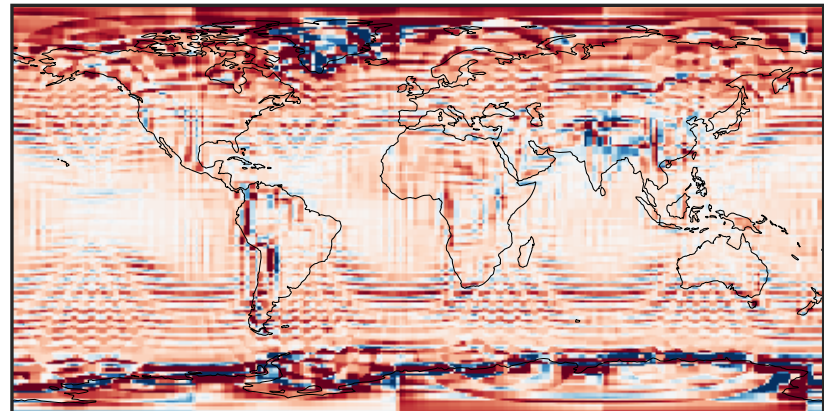
0.005 0.010 0.015 0.020
s-1

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



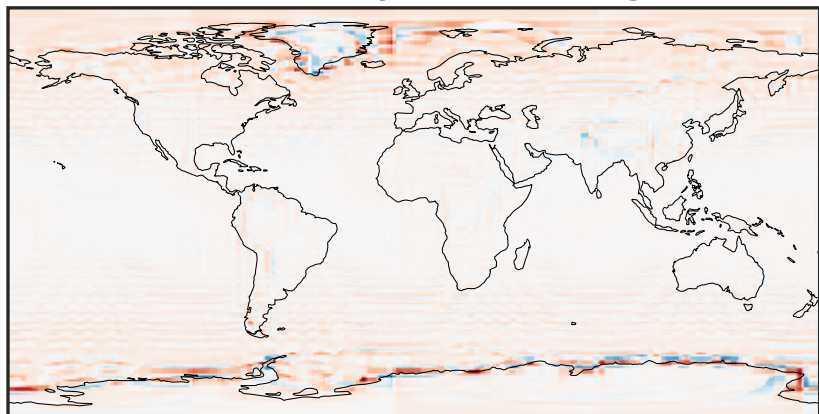
-0.004 0.000 0.004
s-1

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



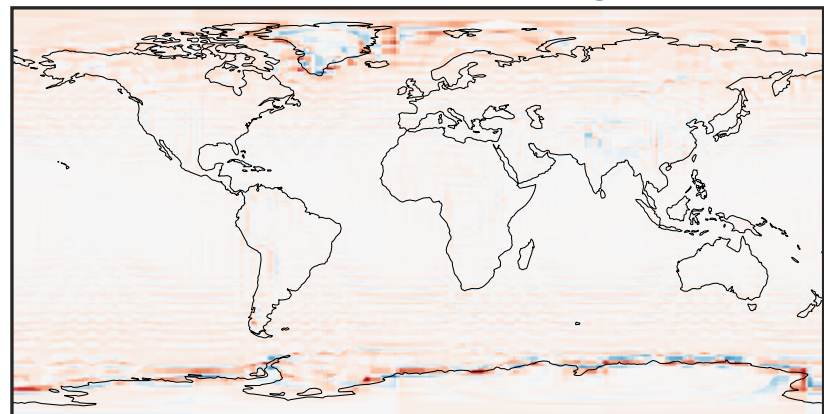
-0.0006 0.0000 0.0006
s-1

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



0.526 0.763 1.000 1.450 1.900
unitless

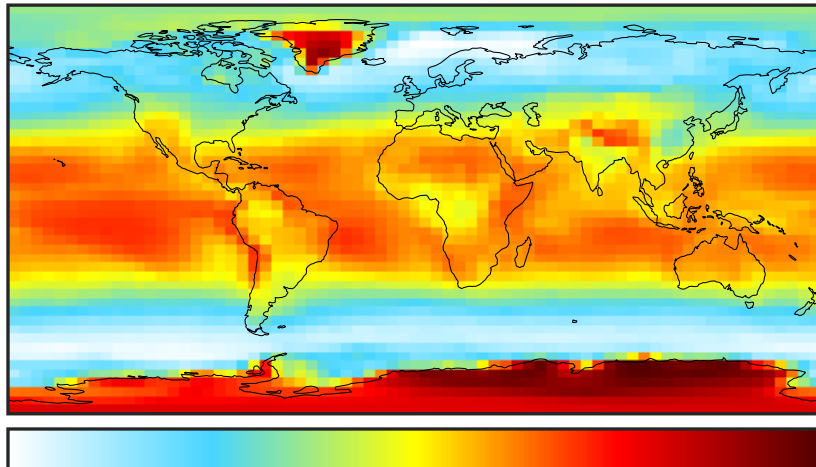
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

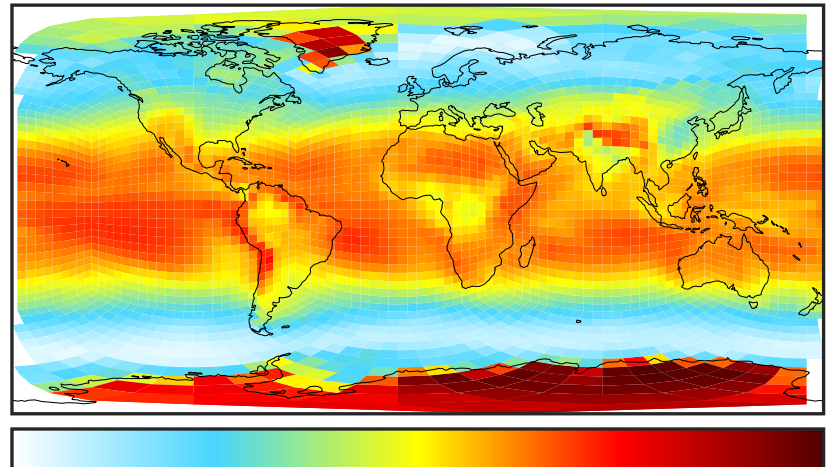
Jval_I203 (AnnualMean)

GCC_14.2.0 (Ref)
4.0x5.0



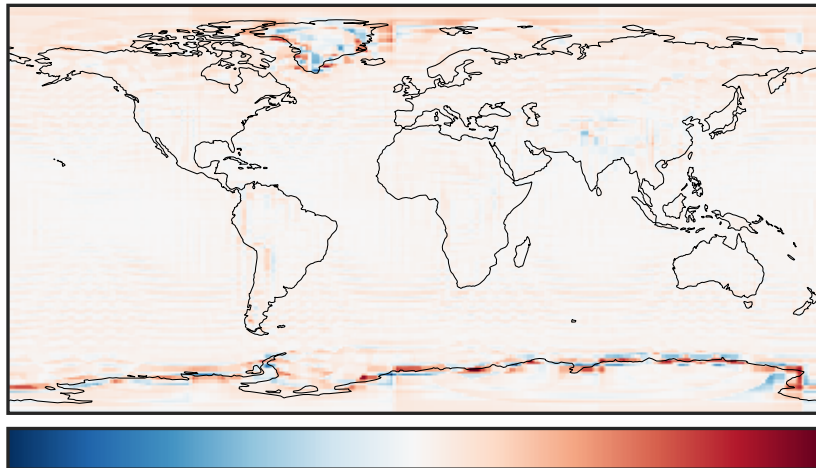
0.008 0.012 0.016
s-1

GCHP_14.2.0 (Dev)
c24



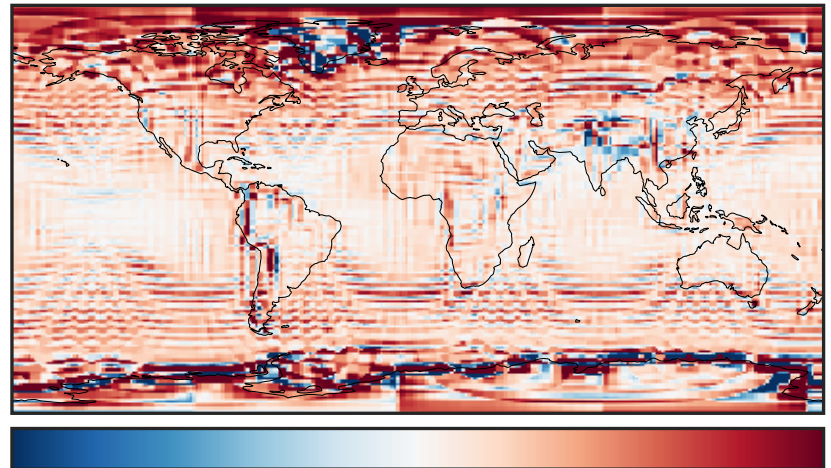
0.008 0.012 0.016
s-1

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



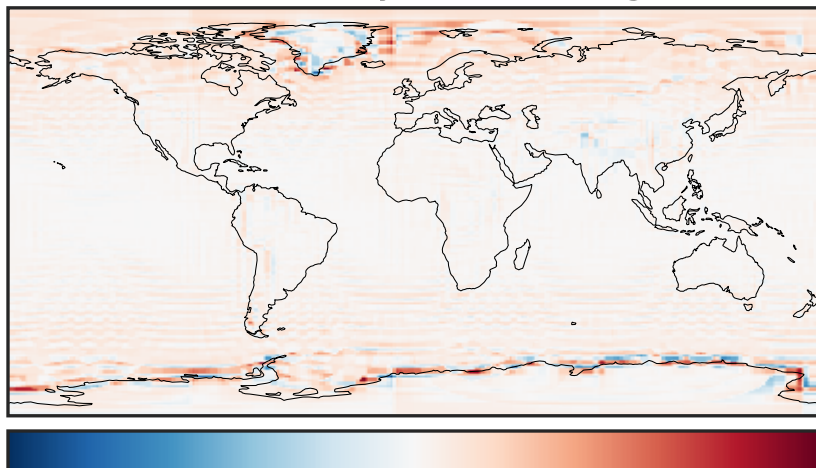
-0.004 0.000 0.004
s-1

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



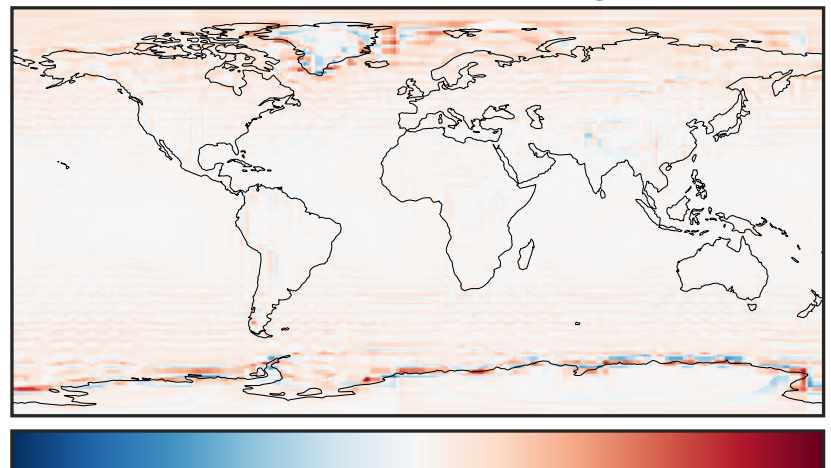
-0.0005 0.0000 0.0005
s-1

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



0.529 0.765 1.000 1.445 1.890
unitless

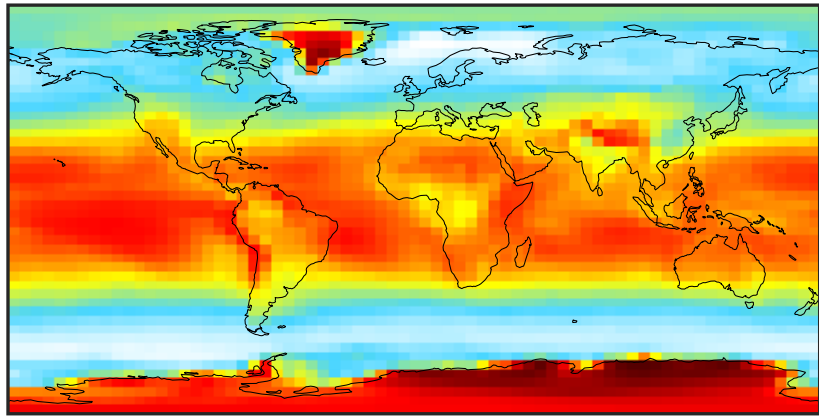
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

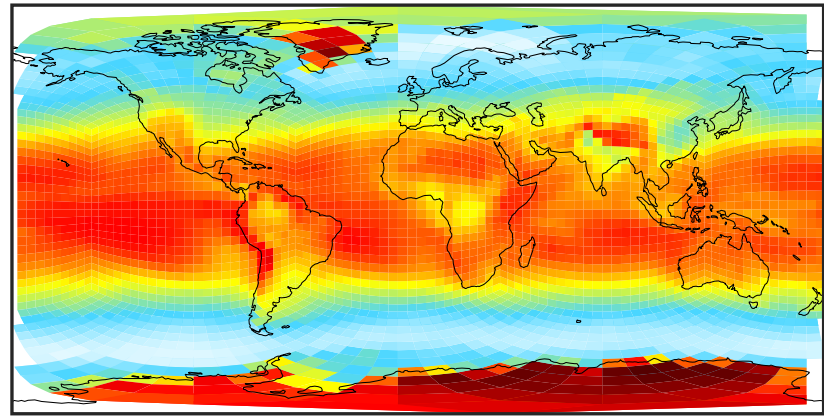
Jval_I2O4 (AnnualMean)

GCC_14.2.0 (Ref)
4.0x5.0



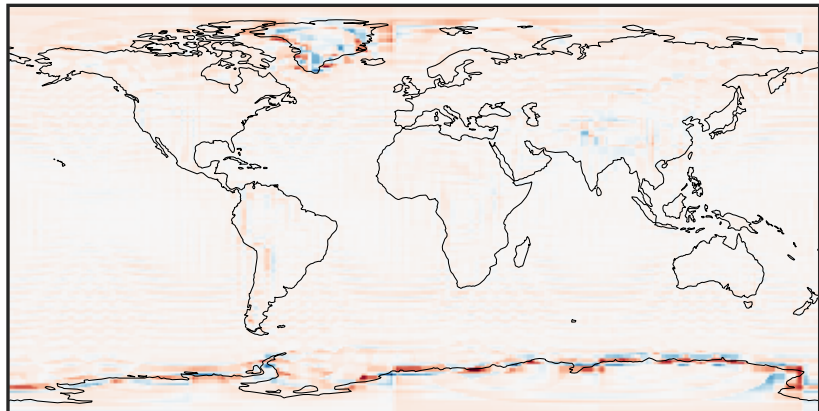
0.005 0.010 0.015 0.020
s-1

GCHP_14.2.0 (Dev)
c24



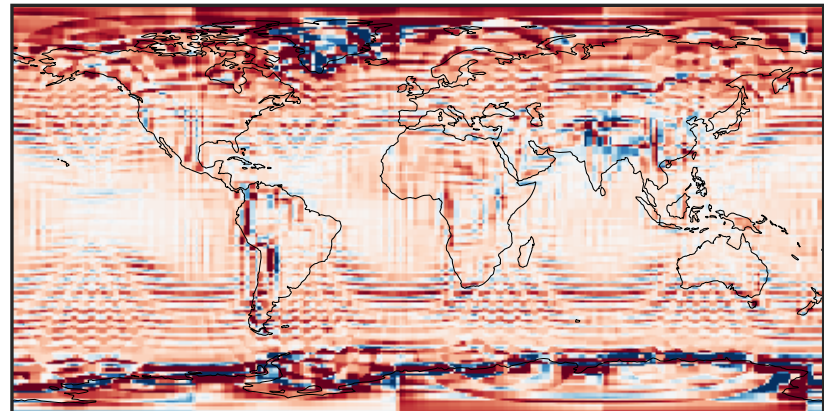
0.005 0.010 0.015 0.020
s-1

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



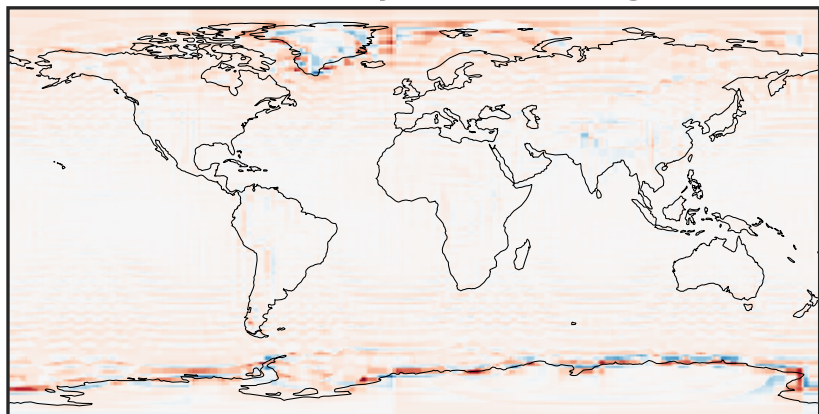
-0.004 0.000 0.004
s-1

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



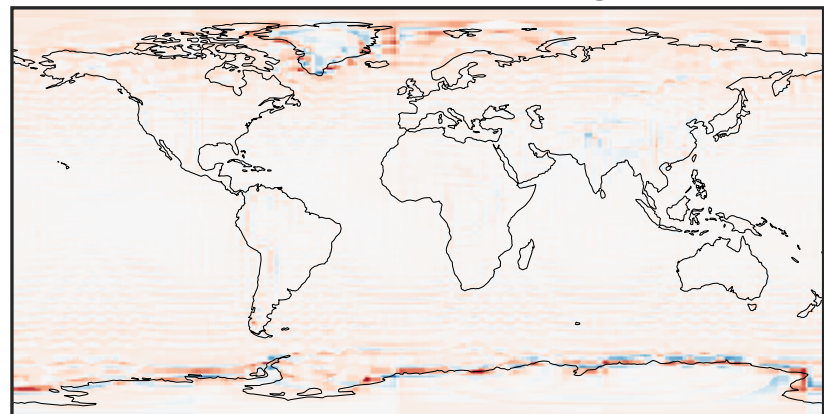
-0.0006 0.0000 0.0006
s-1

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



0.526 0.763 1.000 1.450 1.900
unitless

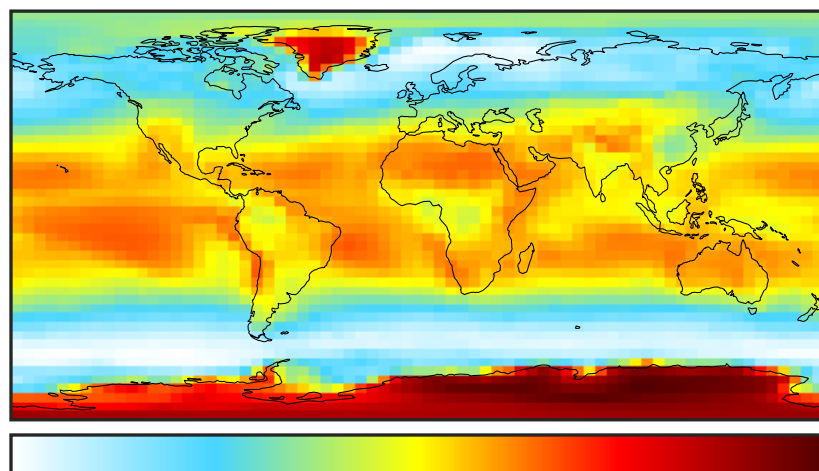
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

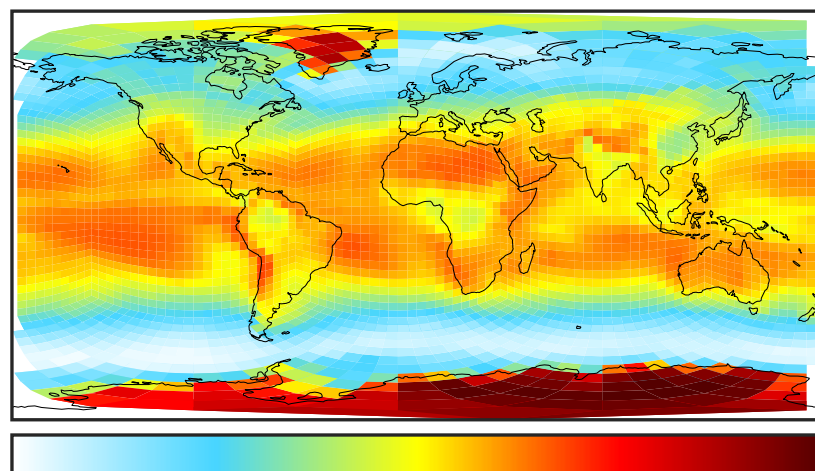
Jval_IBr (AnnualMean)

GCC_14.2.0 (Ref)
4.0x5.0



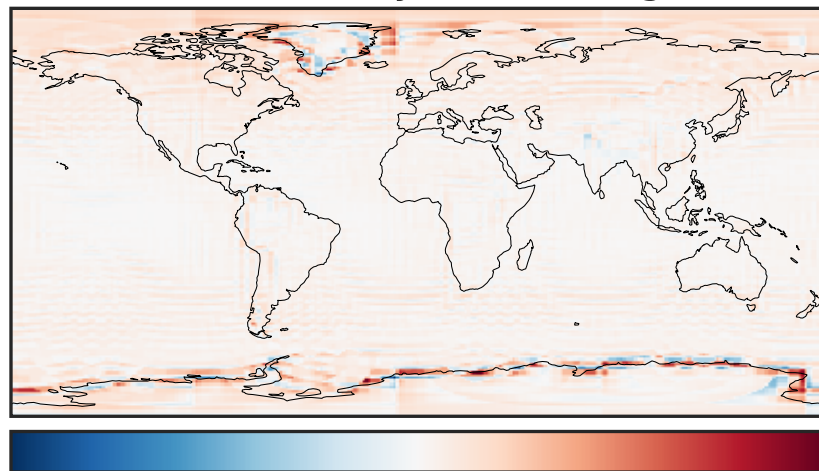
0.02 0.03 0.04
s-1

GCHP_14.2.0 (Dev)
c24



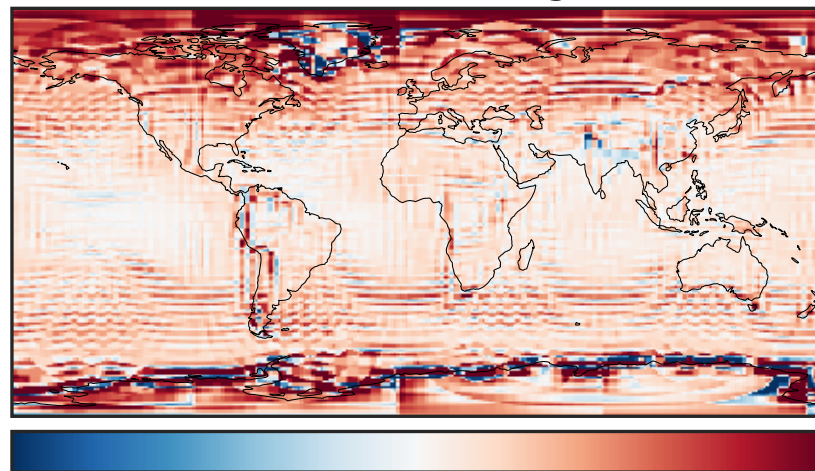
0.02 0.03 0.04
s-1

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



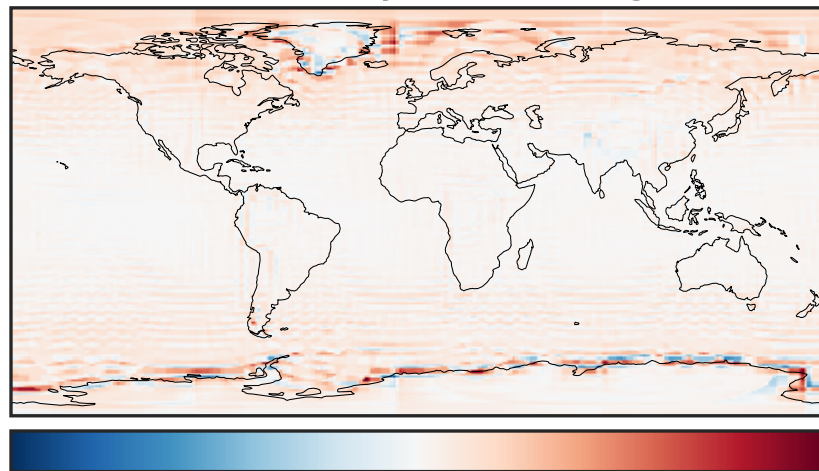
-0.01 0.00 0.01
s-1

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



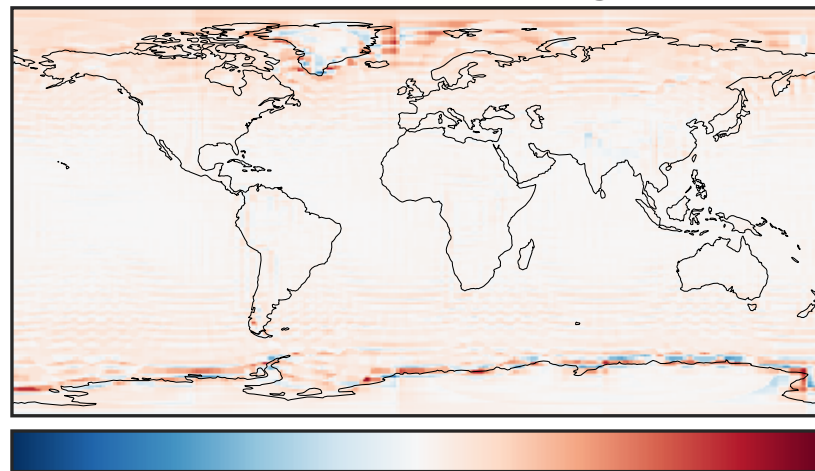
-0.002 0.000 0.002
s-1

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



0.544 0.772 1.000 1.419 1.839
unitless

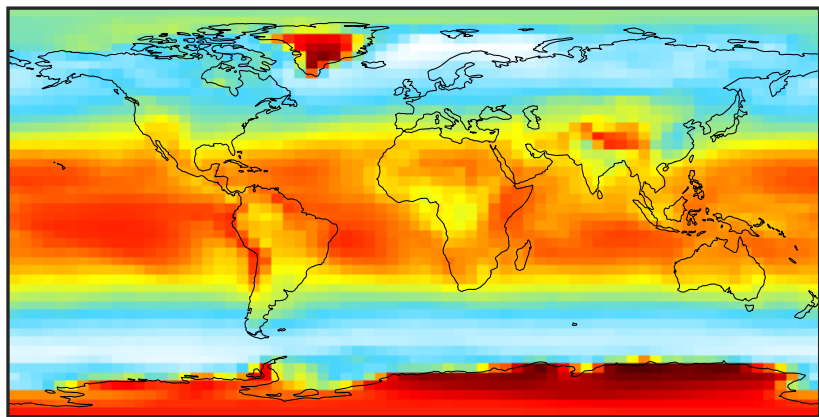
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

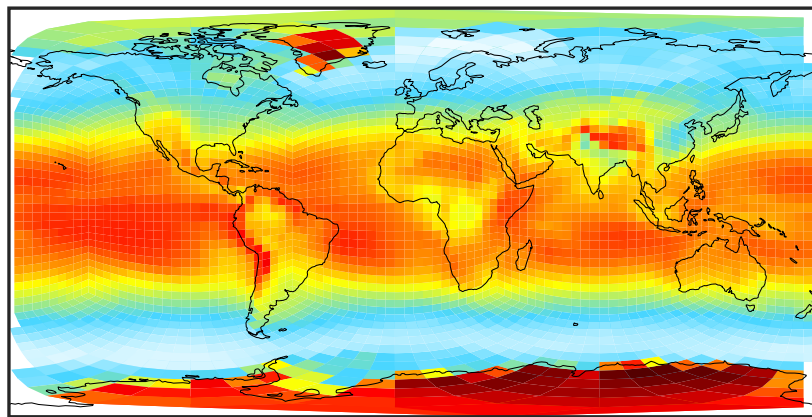
Jval_ICN (AnnualMean)

GCC_14.2.0 (Ref)
4.0x5.0



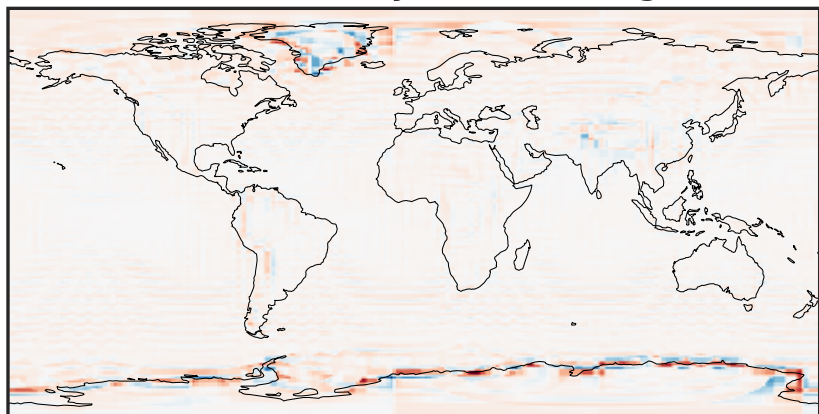
0.000050 0.000075 0.000100 0.000125
s-1

GCHP_14.2.0 (Dev)
c24



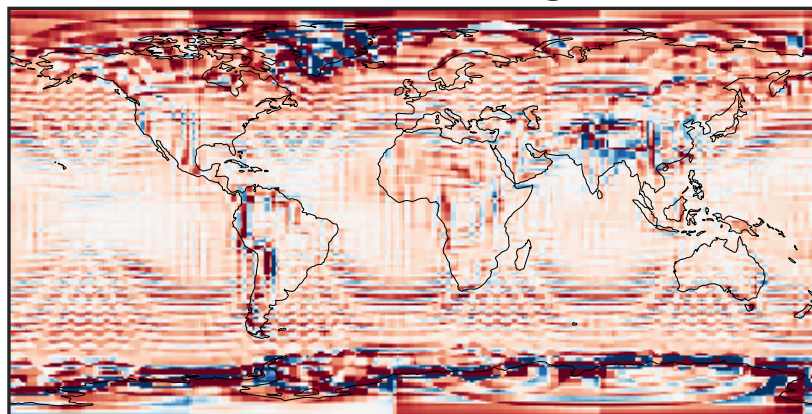
0.000050 0.000075 0.000100 0.000125
s-1

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



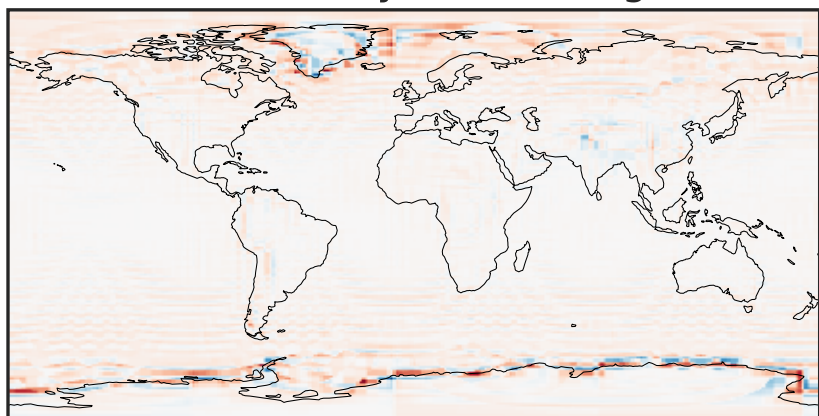
-2.5 0.0 2.5
s-1 1e-5

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



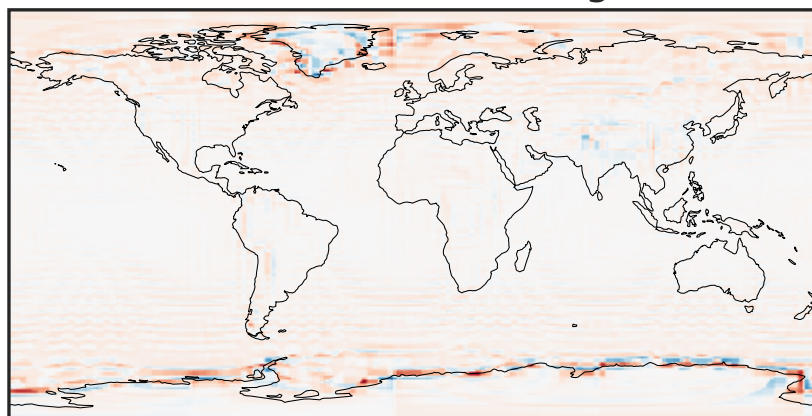
-3 0 3
s-1 1e-6

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



0.519 0.760 1.000 1.463 1.927
unitless

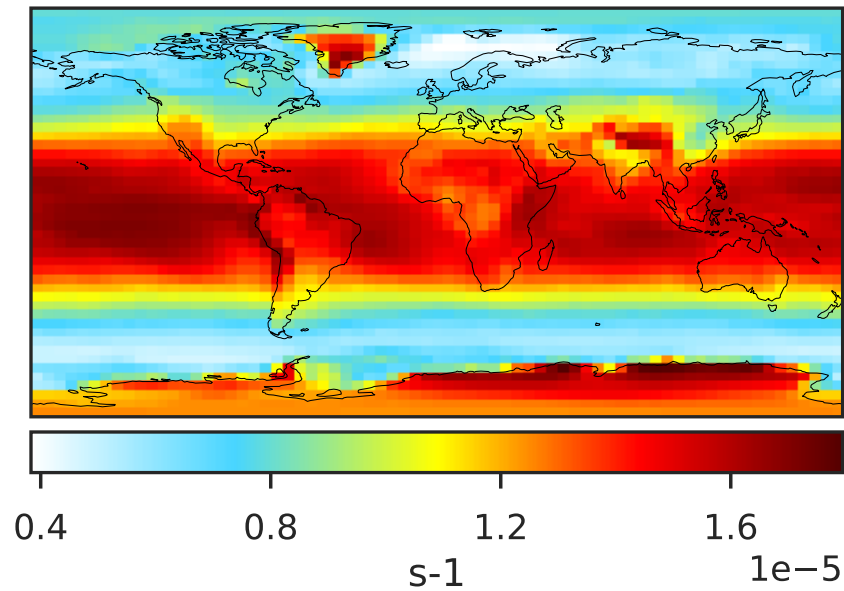
Ratio (1x1.25)
Dev/Ref, Fixed Range



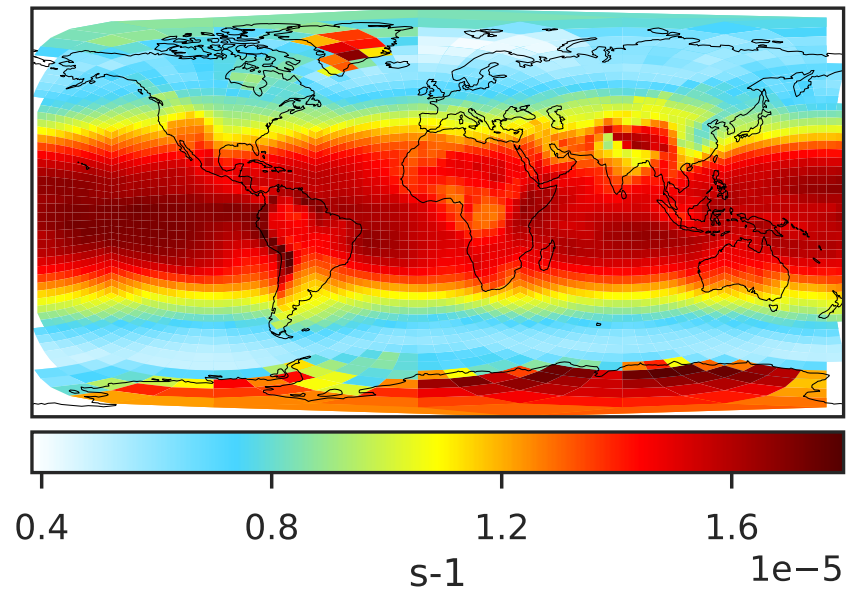
0.50 0.75 1.00 1.50 2.00
unitless

Jval_ICPDH (AnnualMean)

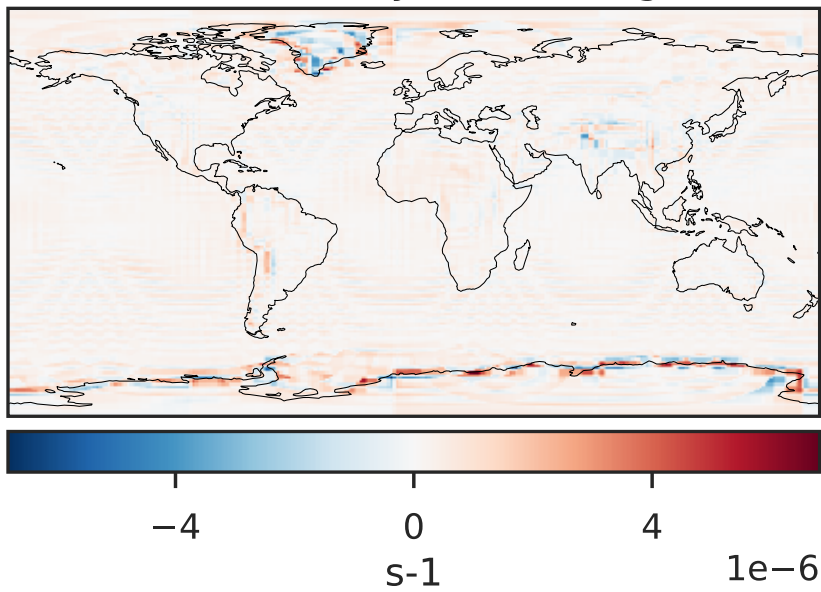
GCC_14.2.0 (Ref)
4.0x5.0



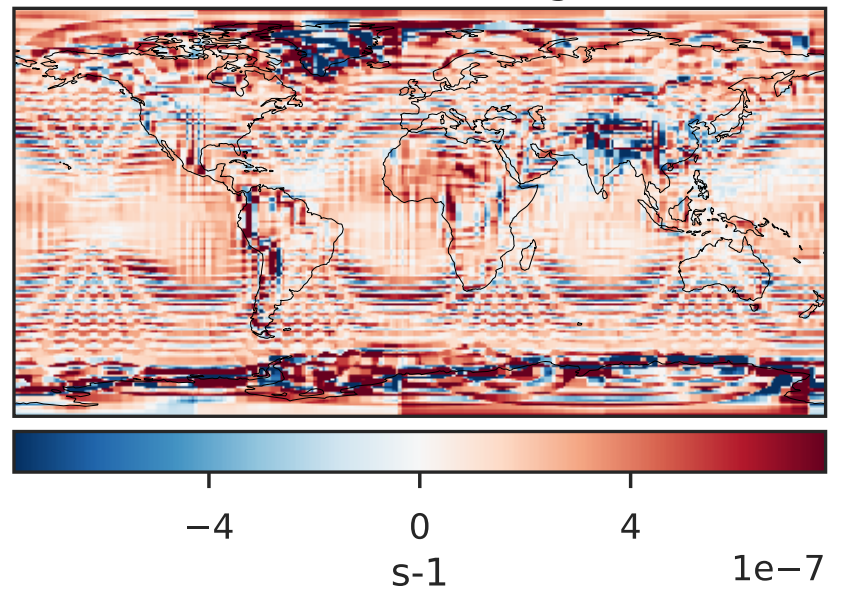
GCHP_14.2.0 (Dev)
c24



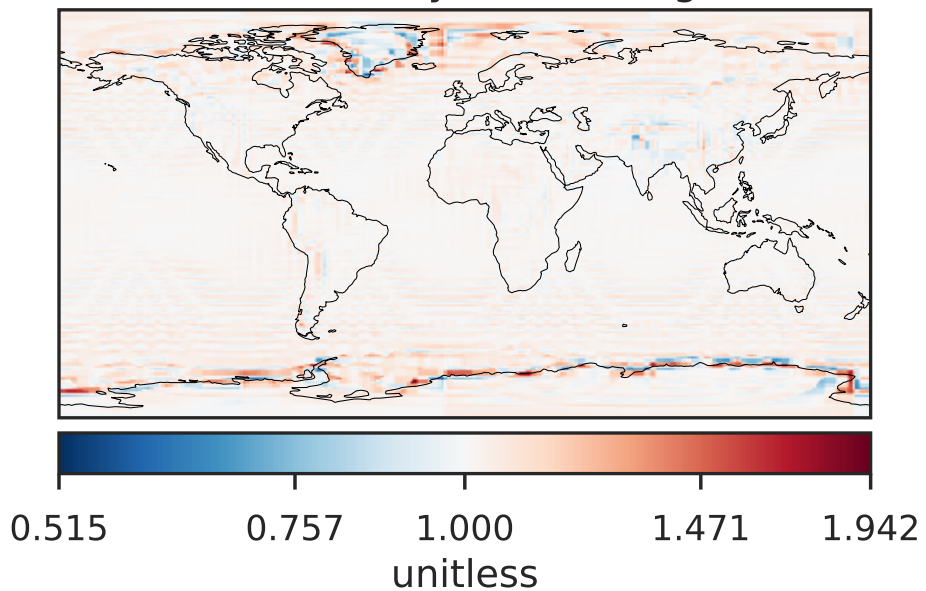
Difference (1x1.25)
Dev - Ref, Dynamic Range



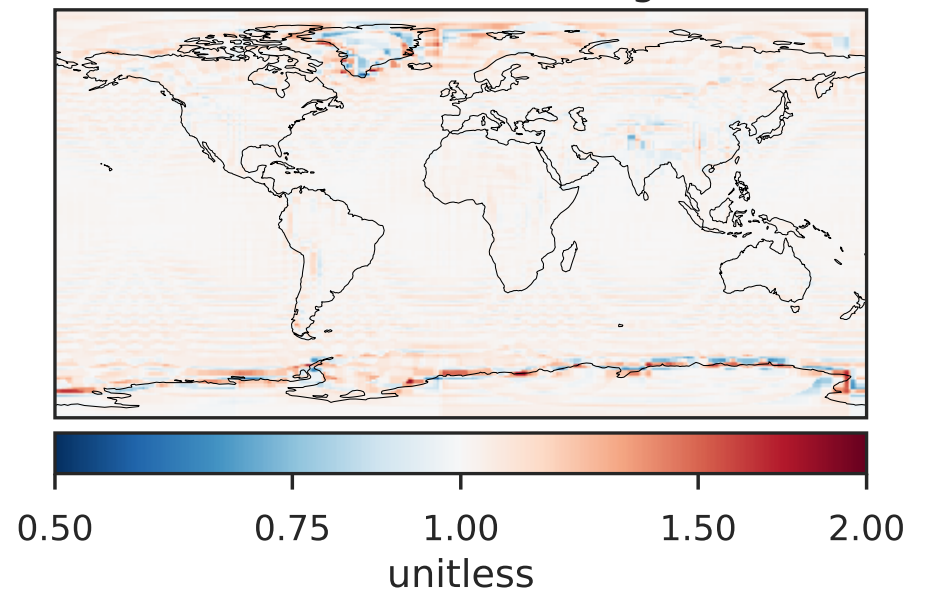
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

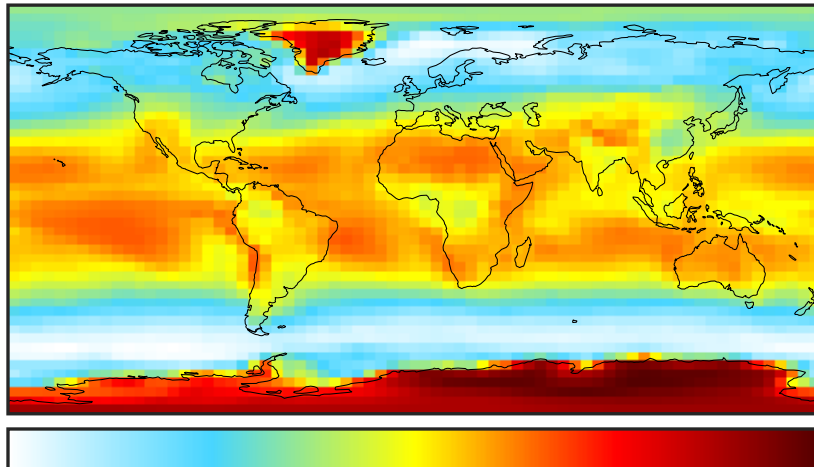


Ratio (1x1.25)
Dev/Ref, Fixed Range



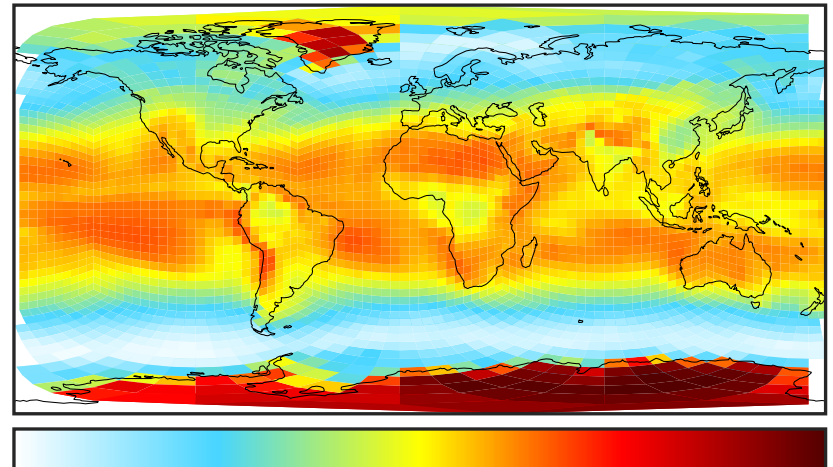
Jval_ICI (AnnualMean)

GCC_14.2.0 (Ref)
4.0x5.0



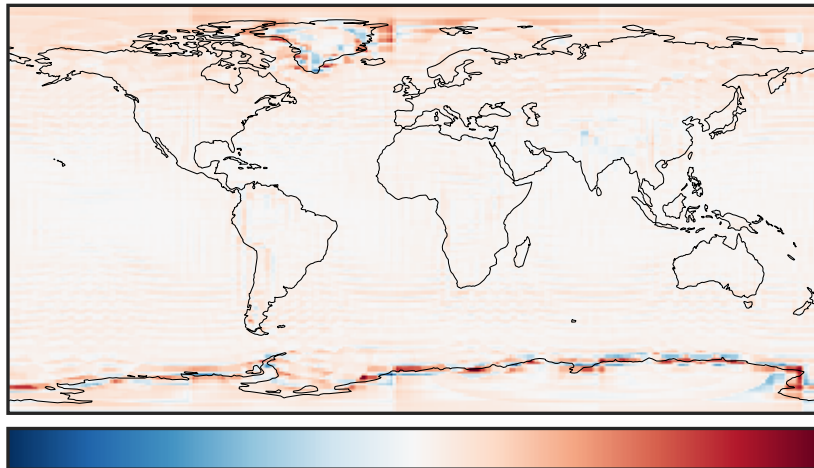
0.006 0.009 0.012
s-1

GCHP_14.2.0 (Dev)
c24



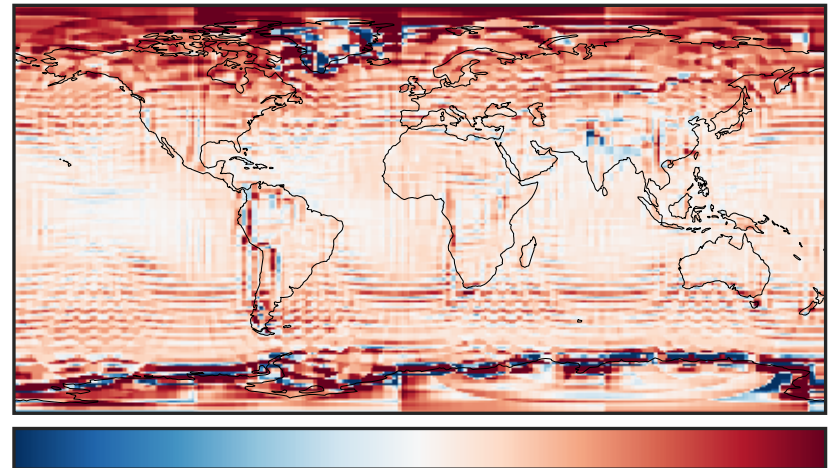
0.006 0.009 0.012
s-1

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



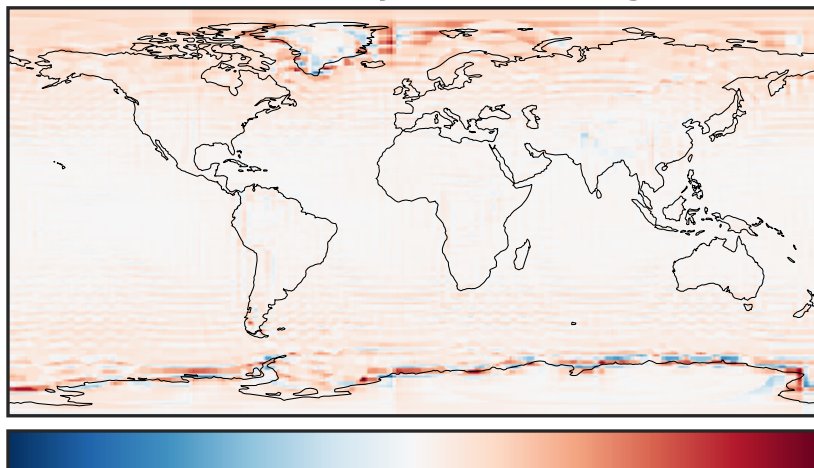
-0.003 0.000 0.003
s-1

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



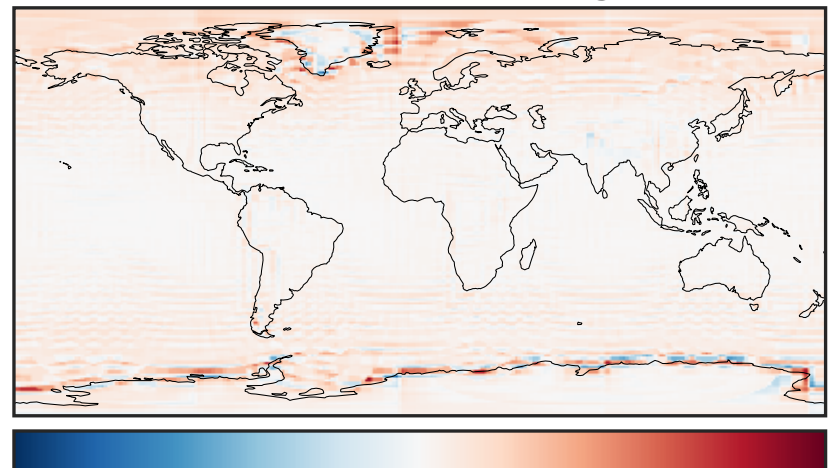
-0.0005 0.0000 0.0005
s-1

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



0.543 0.771 1.000 1.421 1.842
unitless

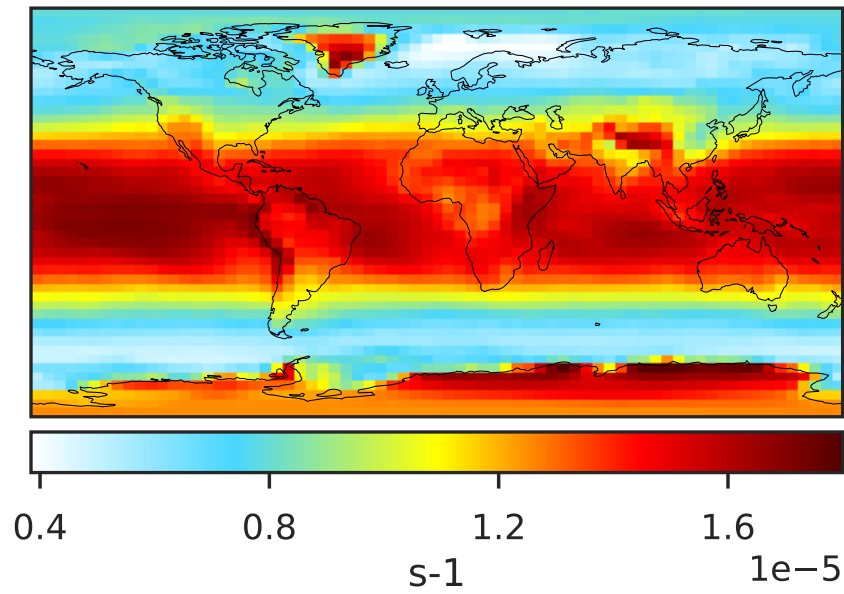
Ratio (1x1.25)
Dev/Ref, Fixed Range



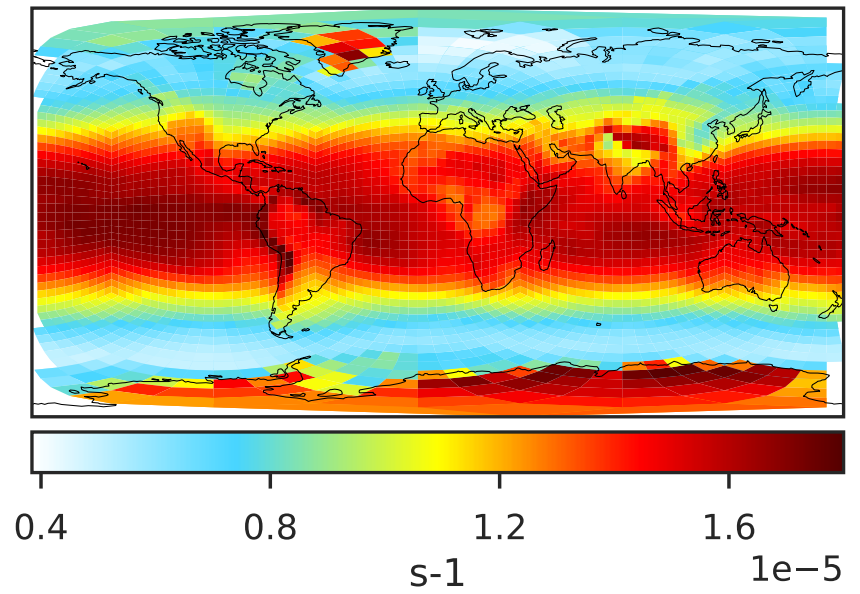
0.50 0.75 1.00 1.50 2.00
unitless

Jval_IDCHP (AnnualMean)

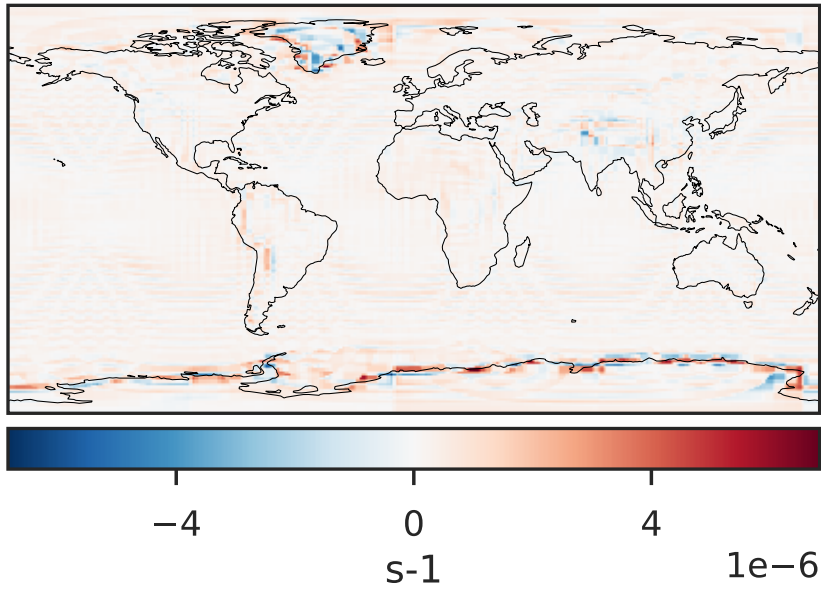
GCC_14.2.0 (Ref)
4.0x5.0



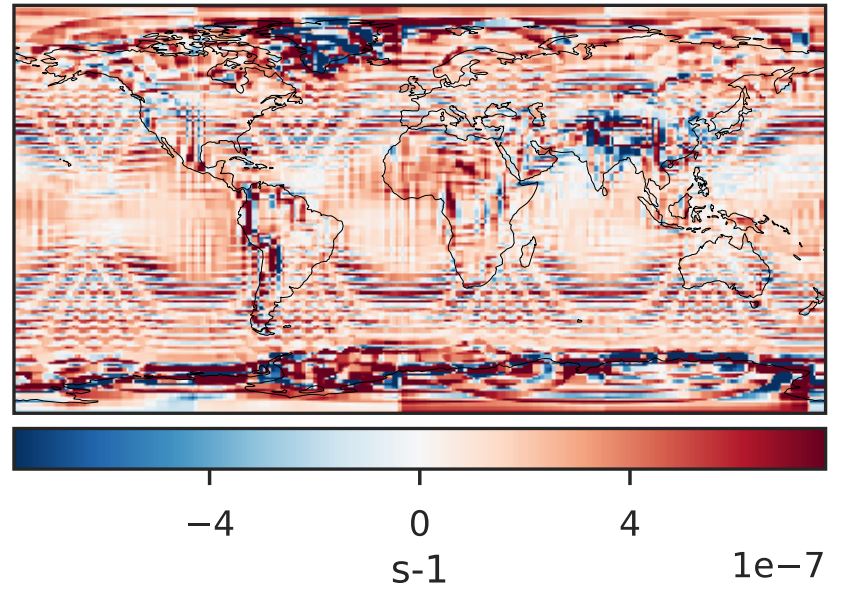
GCHP_14.2.0 (Dev)
c24



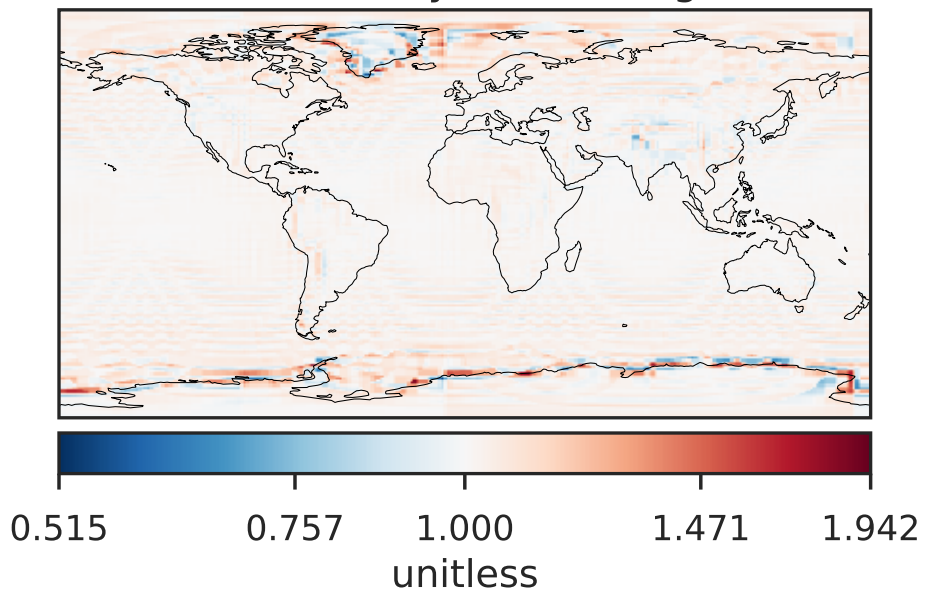
Difference (1x1.25)
Dev - Ref, Dynamic Range



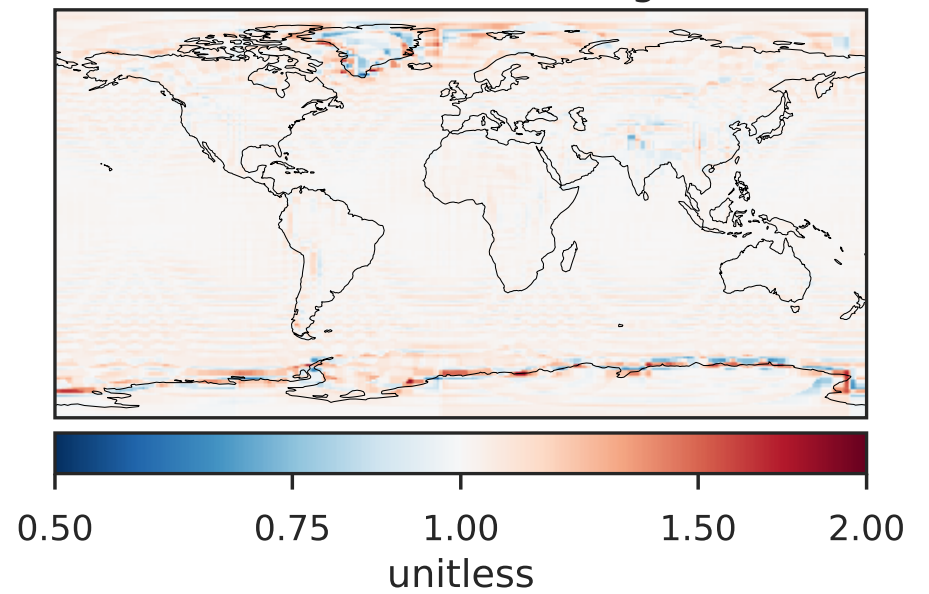
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

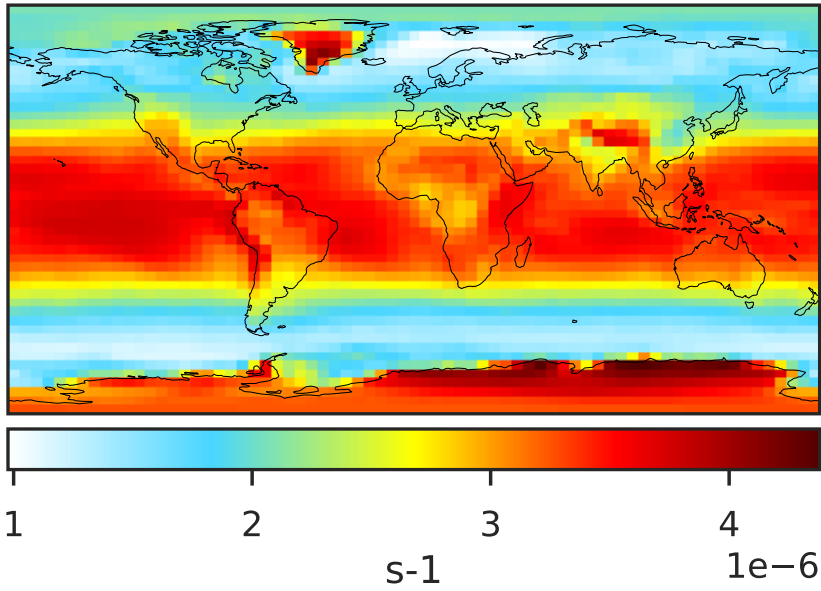


Ratio (1x1.25)
Dev/Ref, Fixed Range

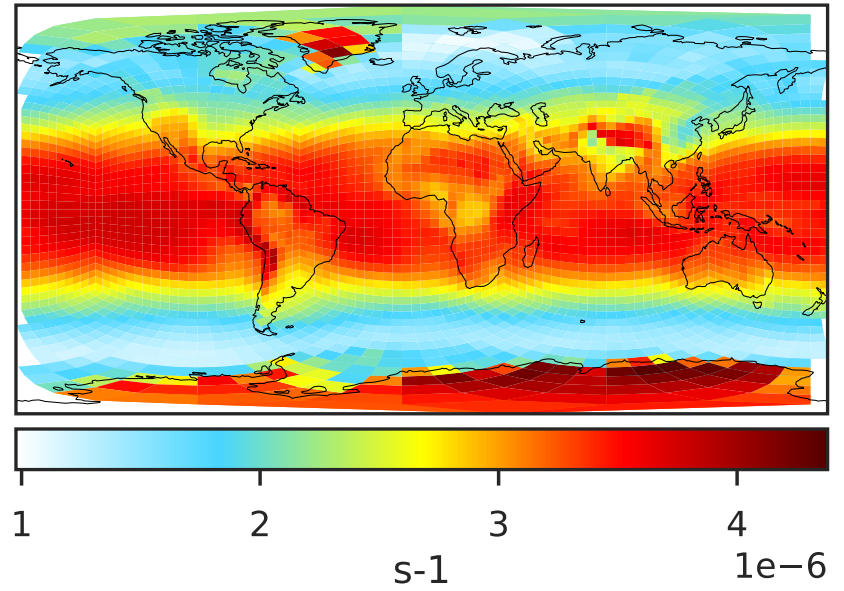


Jval_IDHDP (AnnualMean)

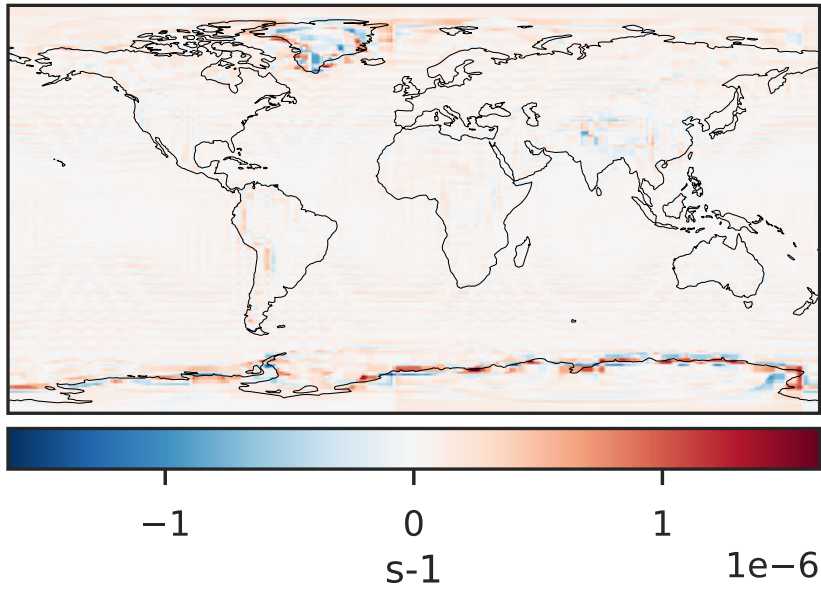
GCC_14.2.0 (Ref)
4.0x5.0



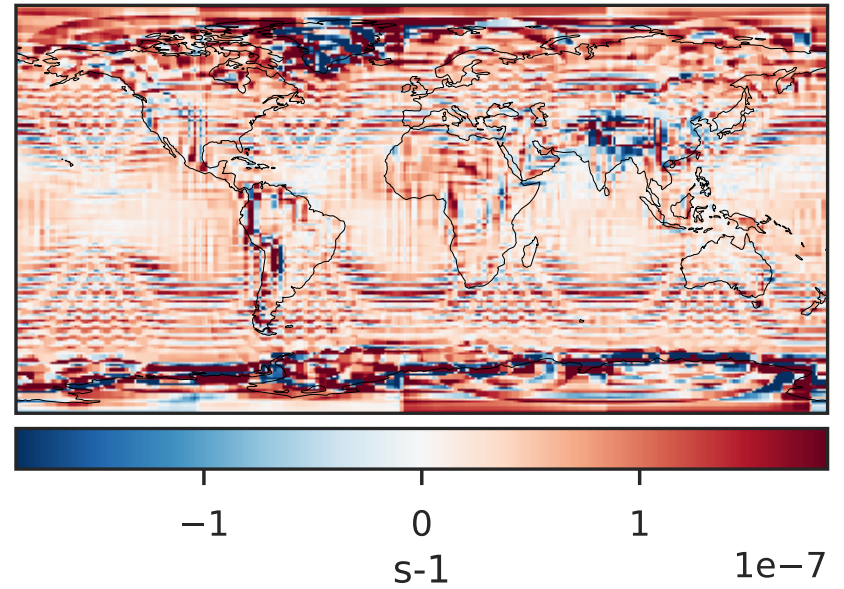
GCHP_14.2.0 (Dev)
c24



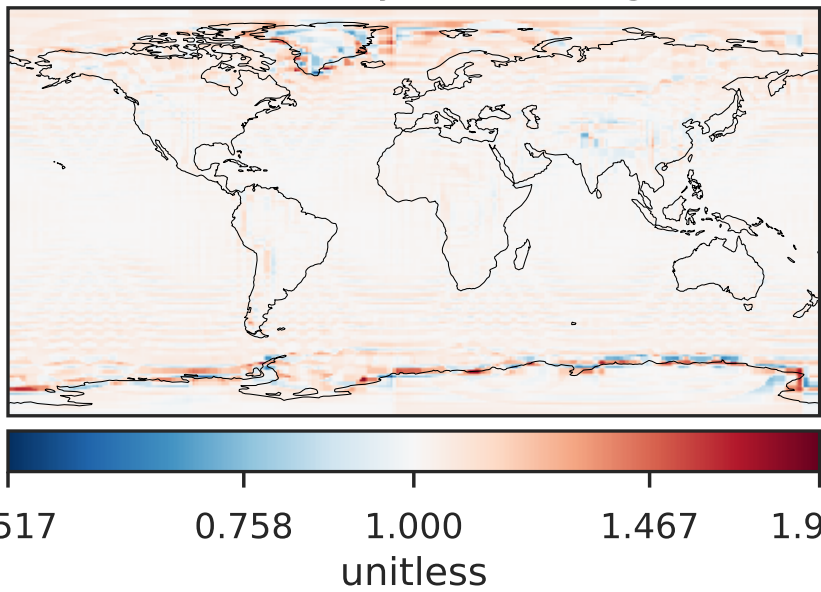
Difference (1x1.25)
Dev - Ref, Dynamic Range



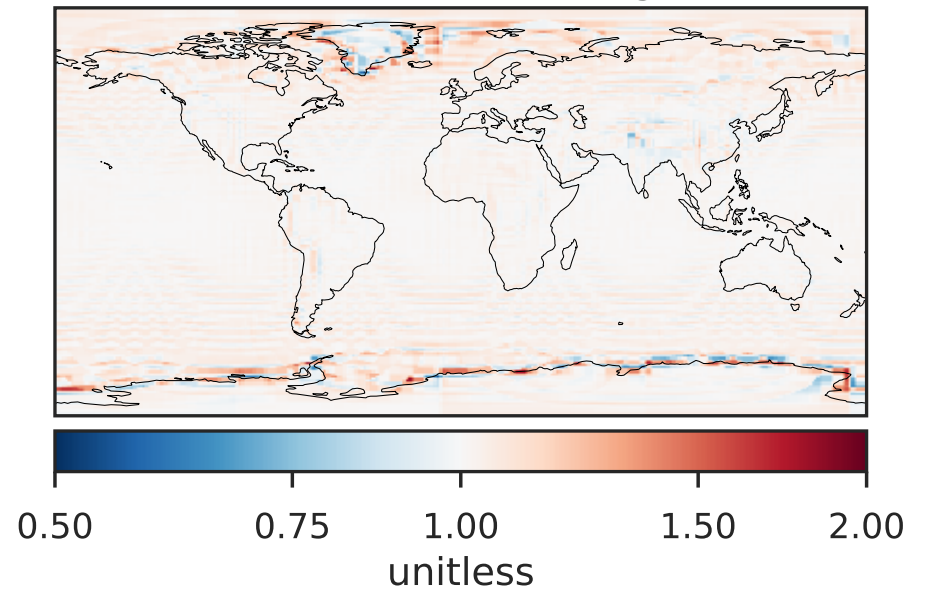
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

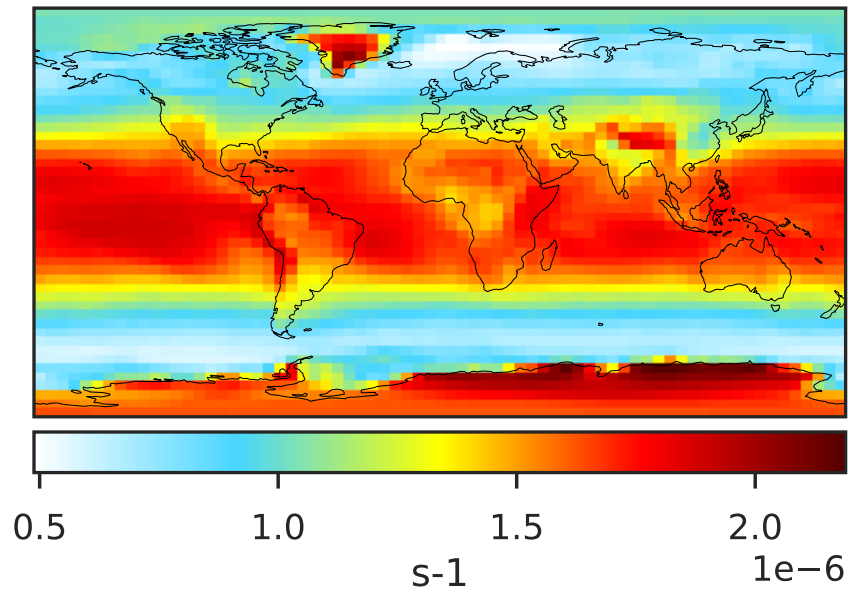


Ratio (1x1.25)
Dev/Ref, Fixed Range

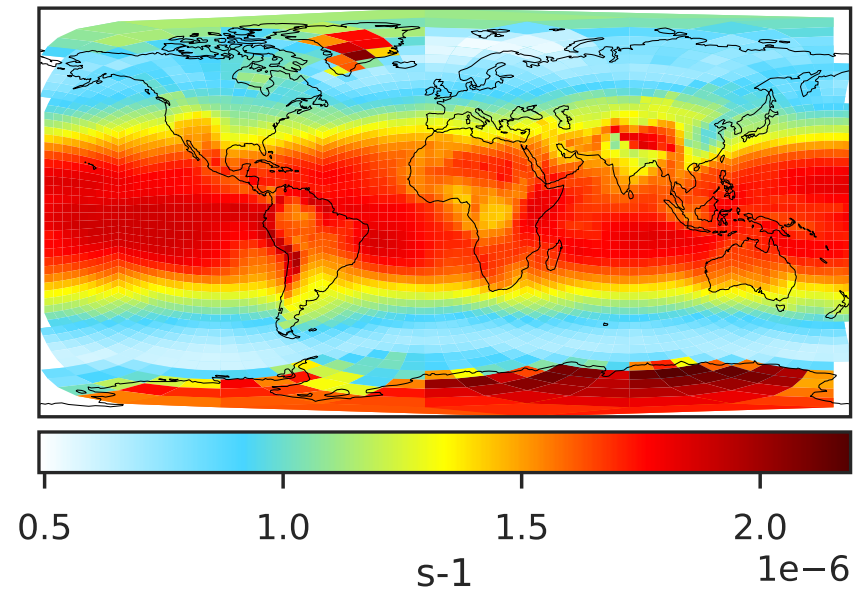


Jval_IDHPE (AnnualMean)

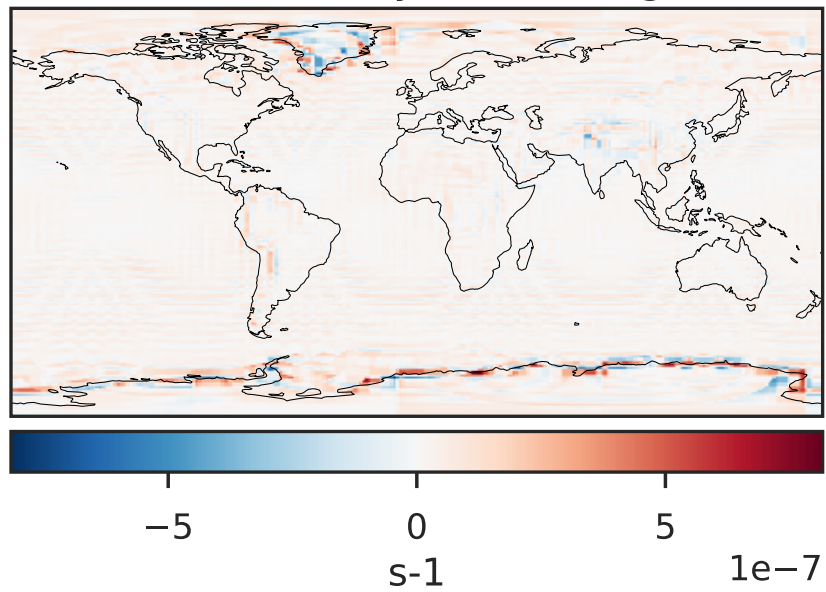
GCC_14.2.0 (Ref)
4.0x5.0



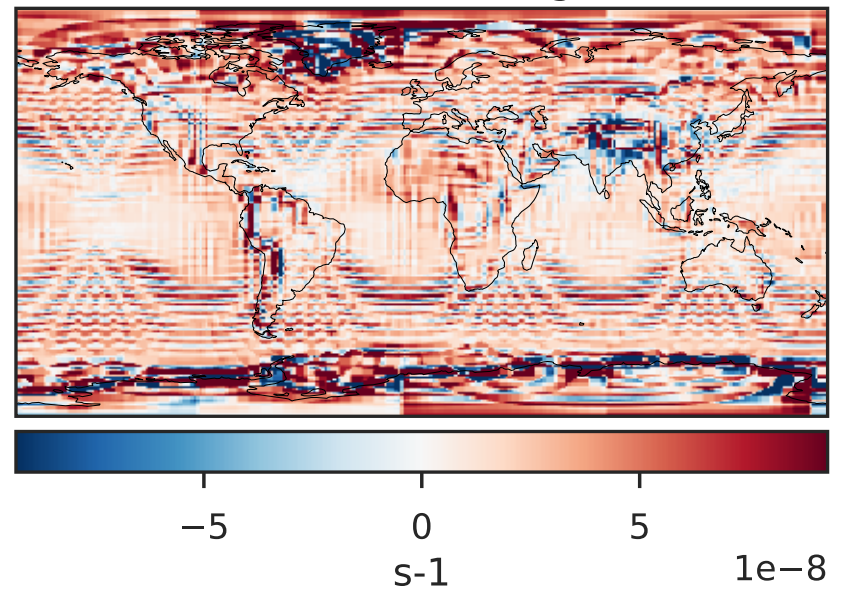
GCHP_14.2.0 (Dev)
c24



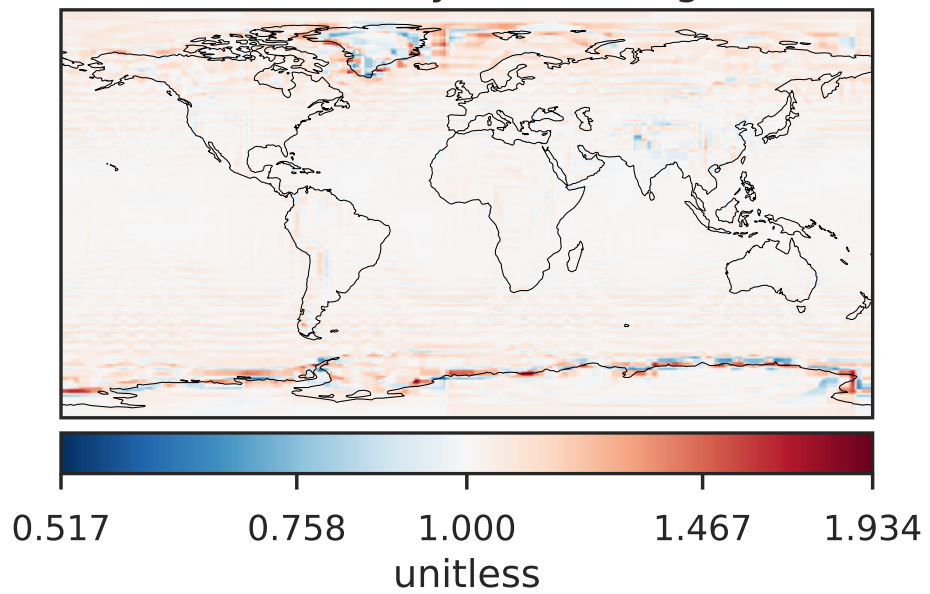
Difference (1x1.25)
Dev - Ref, Dynamic Range



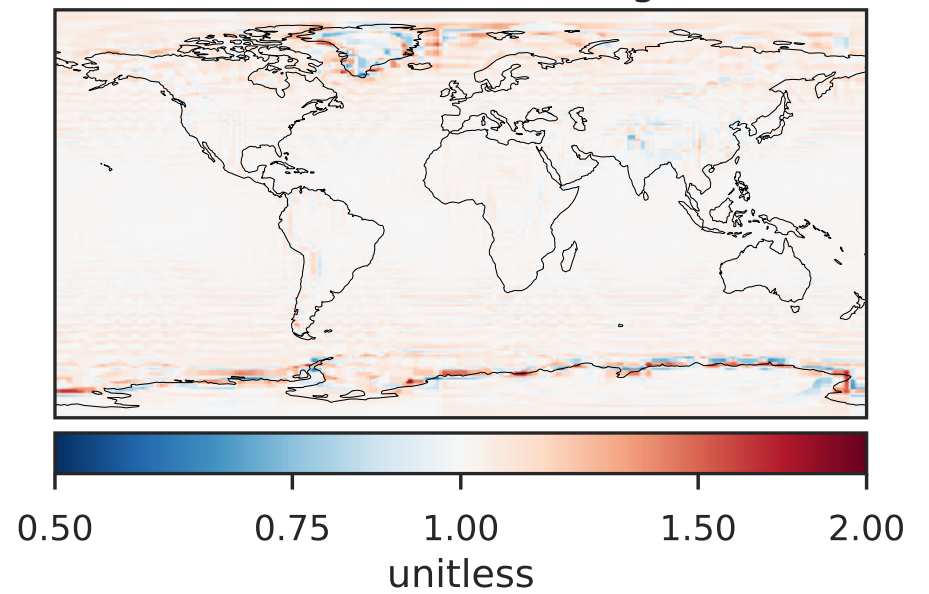
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

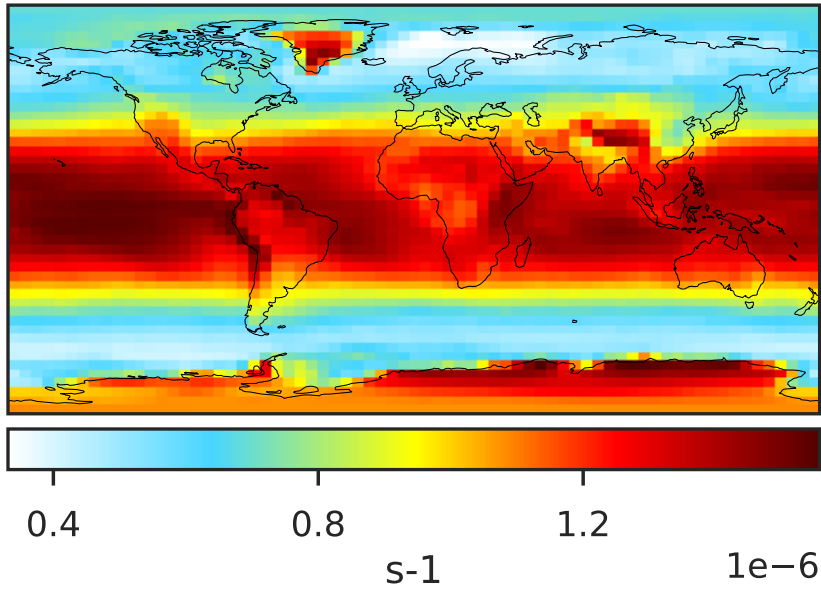


Ratio (1x1.25)
Dev/Ref, Fixed Range

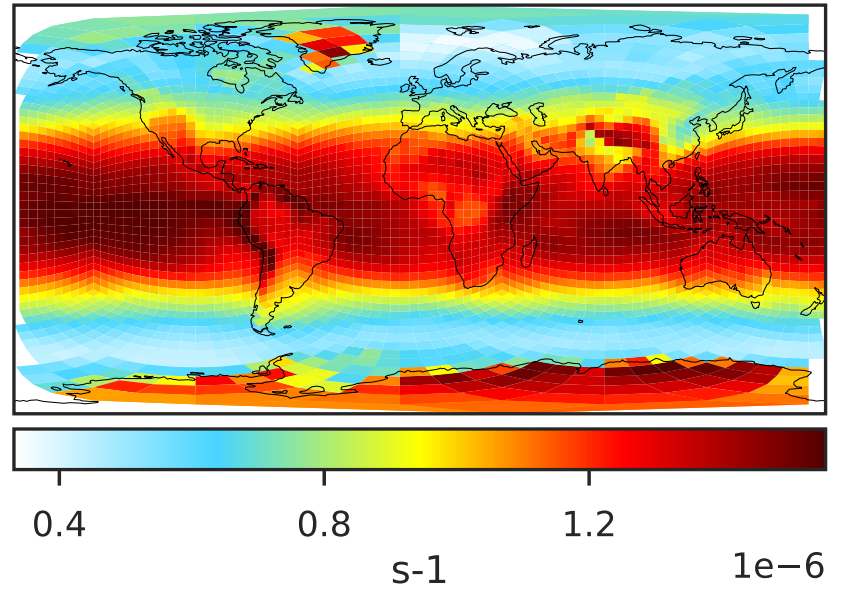


Jval_IDN (AnnualMean)

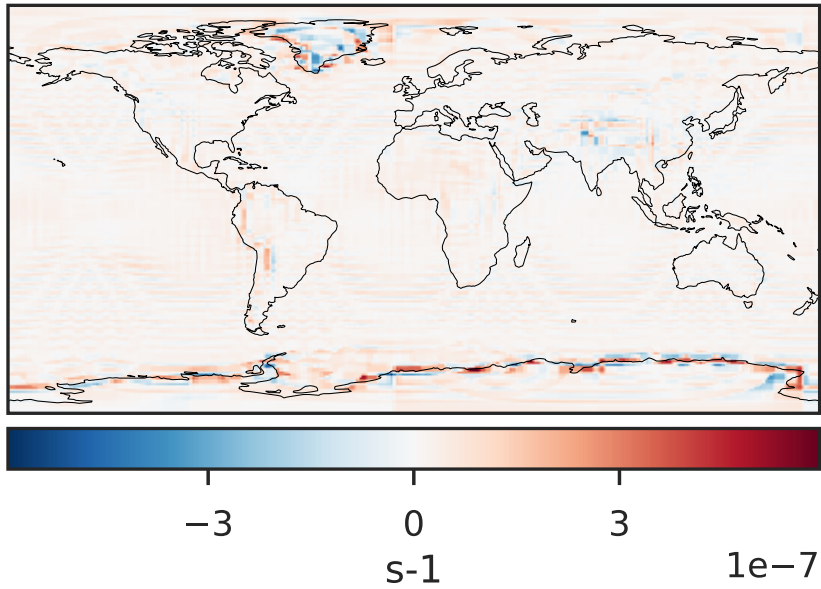
GCC_14.2.0 (Ref)
4.0x5.0



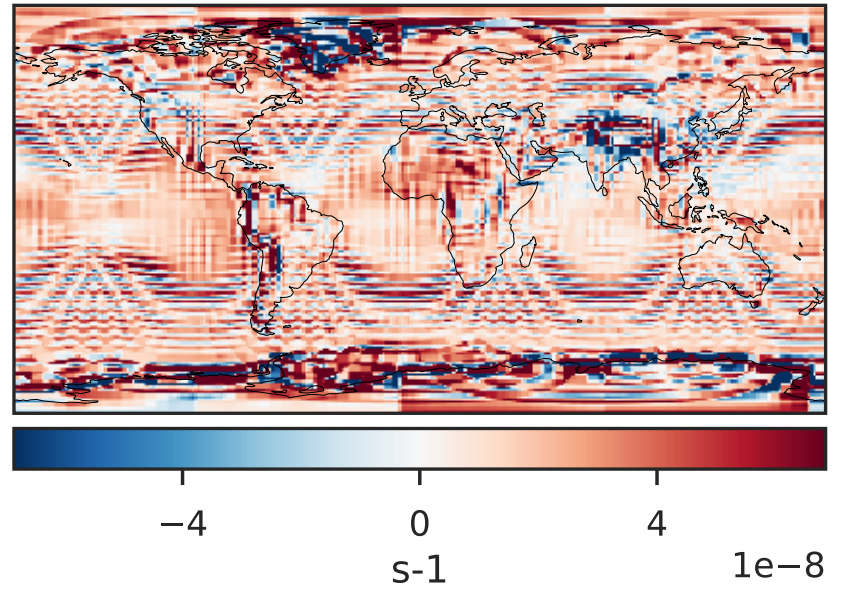
GCHP_14.2.0 (Dev)
c24



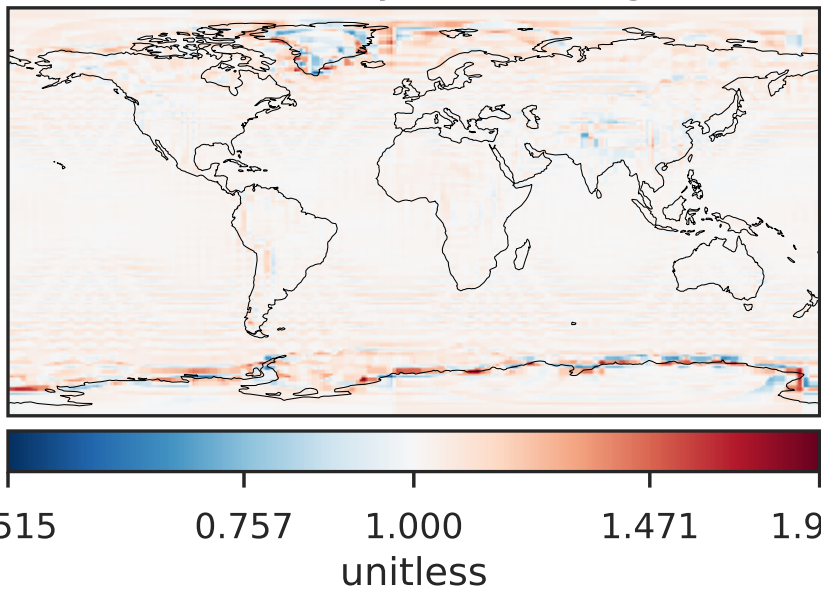
Difference (1x1.25)
Dev - Ref, Dynamic Range



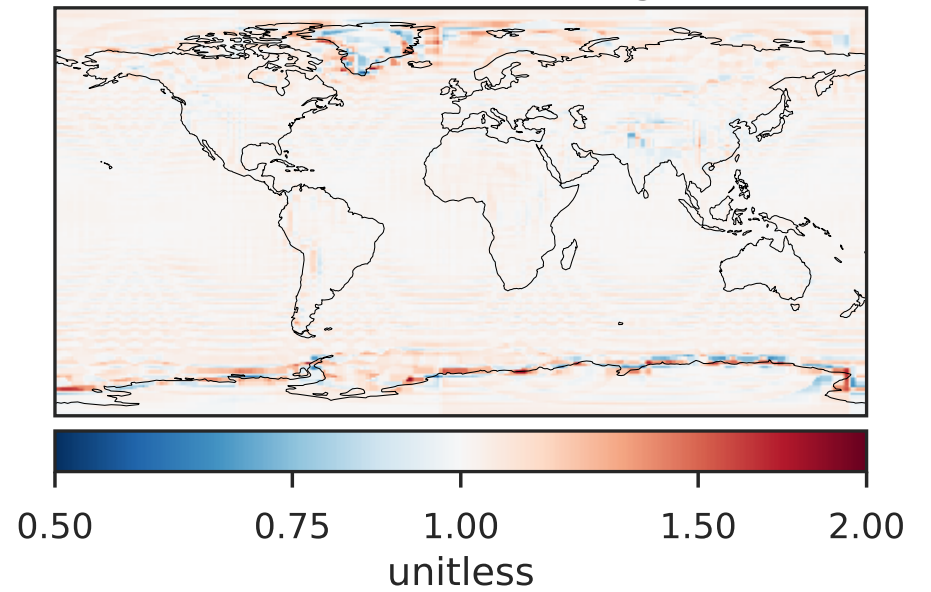
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

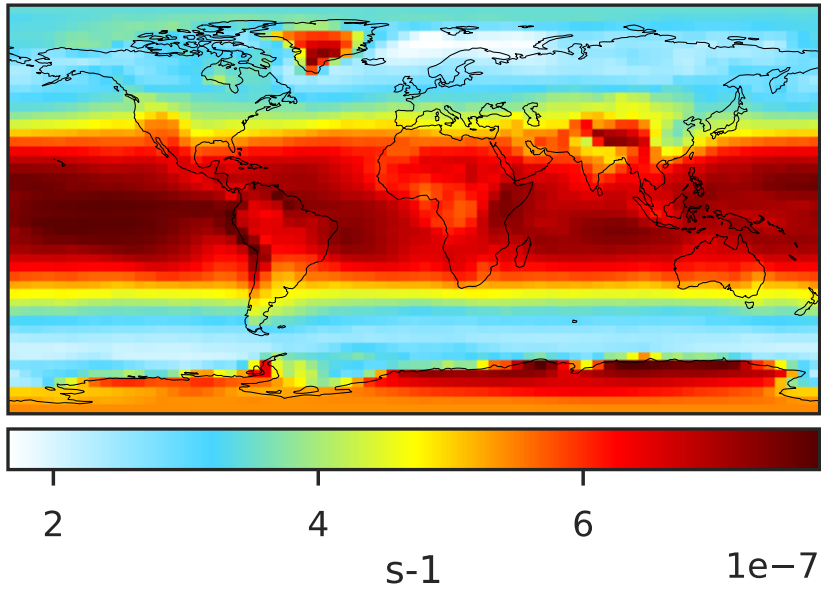


Ratio (1x1.25)
Dev/Ref, Fixed Range

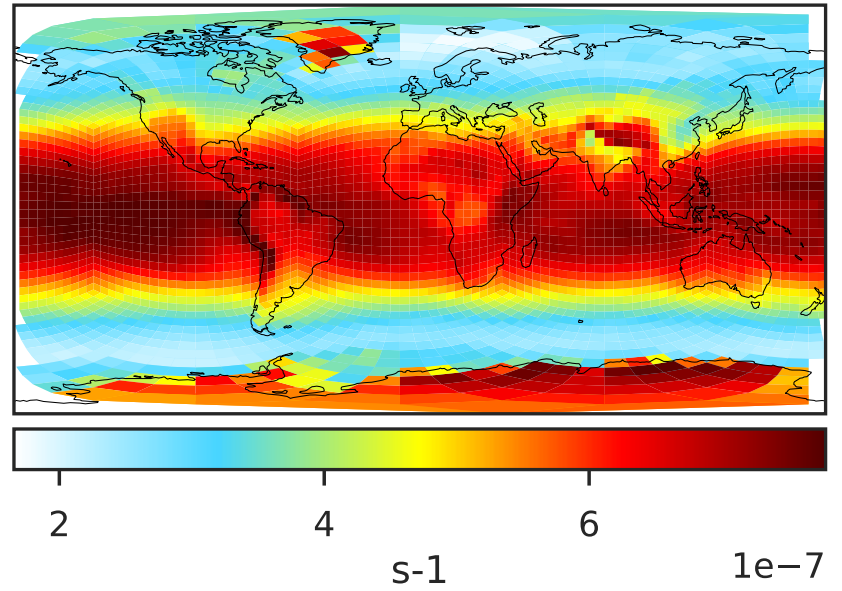


Jval_IHN1 (AnnualMean)

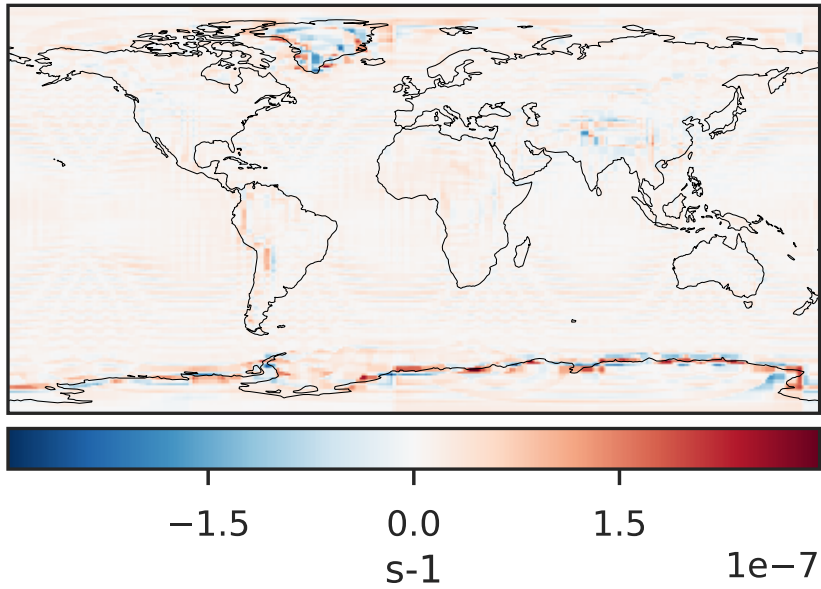
GCC_14.2.0 (Ref)
4.0x5.0



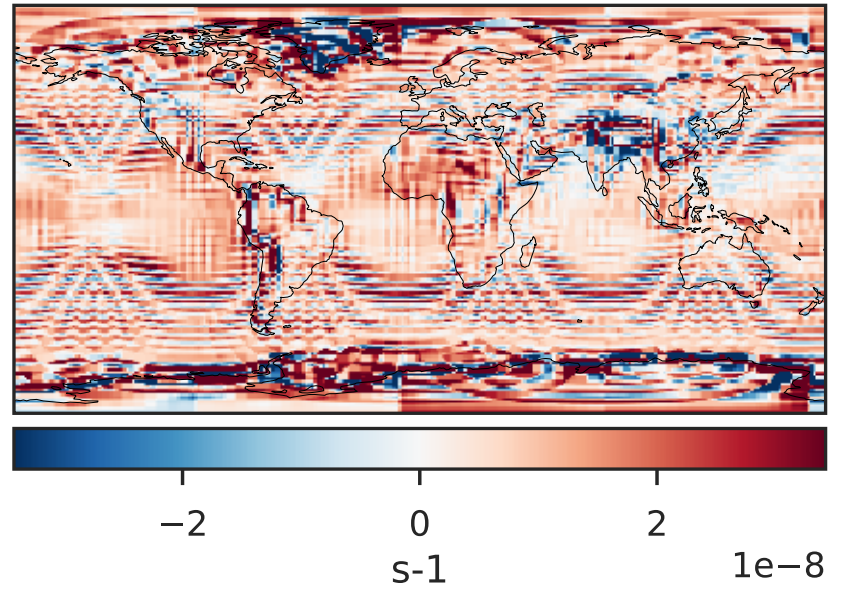
GCHP_14.2.0 (Dev)
c24



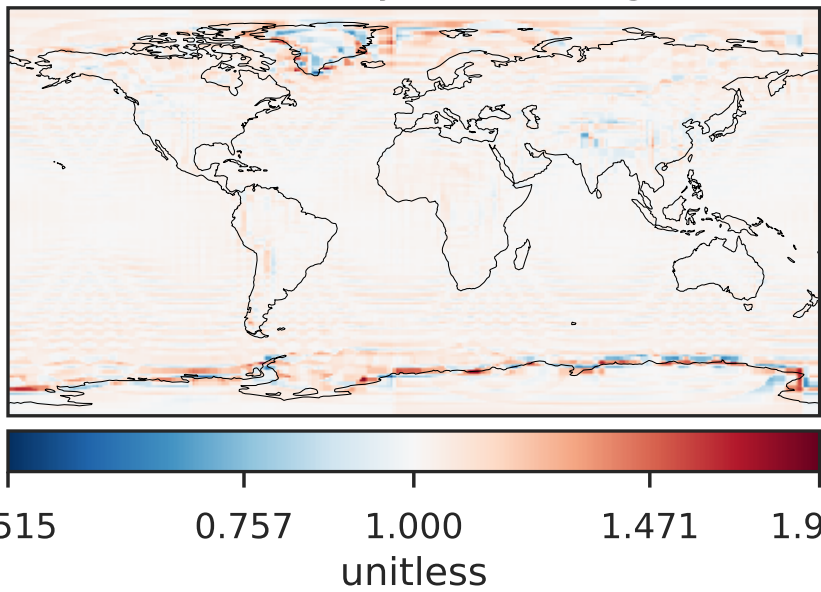
Difference (1x1.25)
Dev - Ref, Dynamic Range



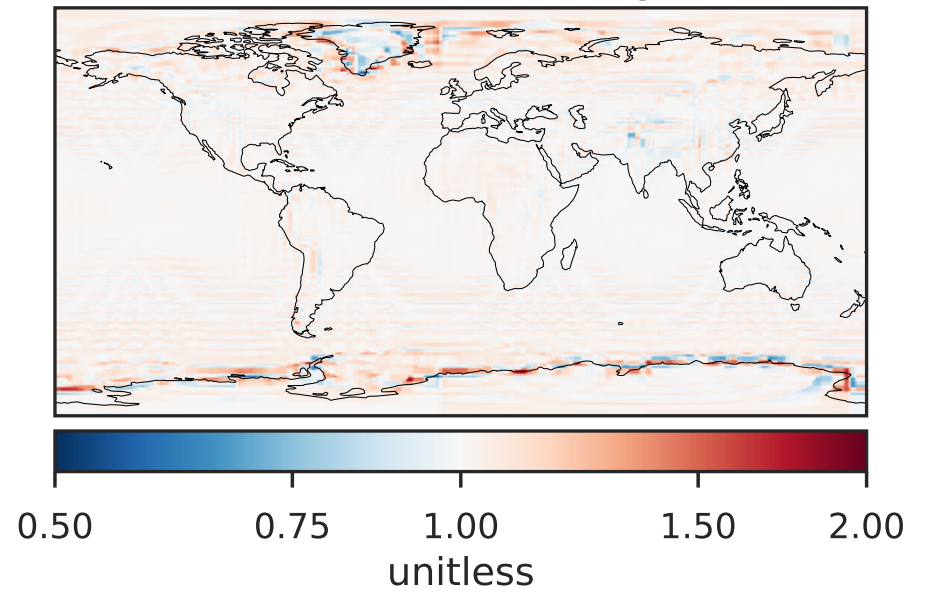
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

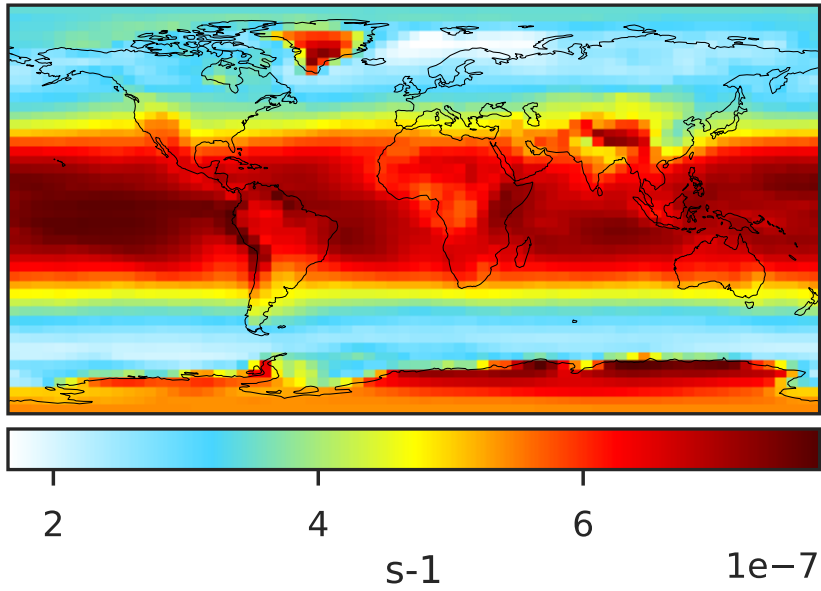


Ratio (1x1.25)
Dev/Ref, Fixed Range

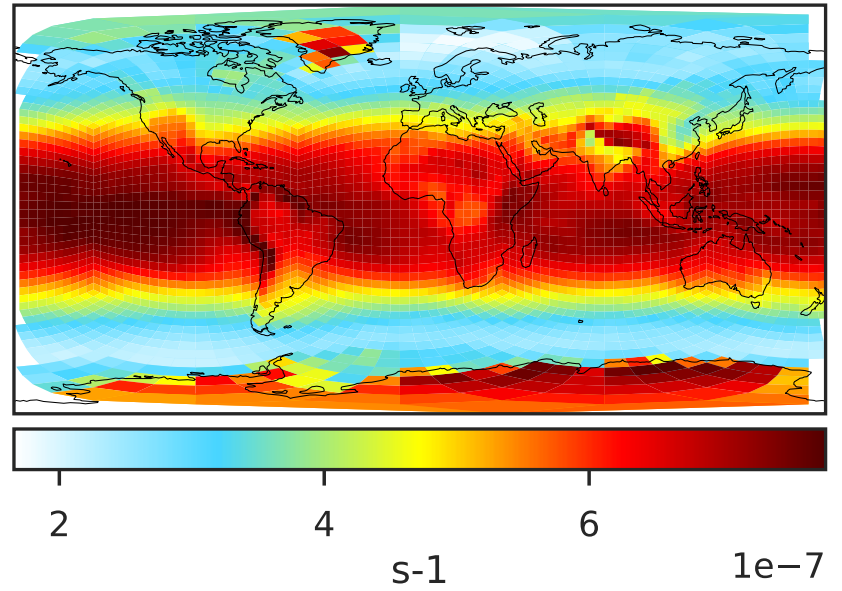


Jval_IHN2 (AnnualMean)

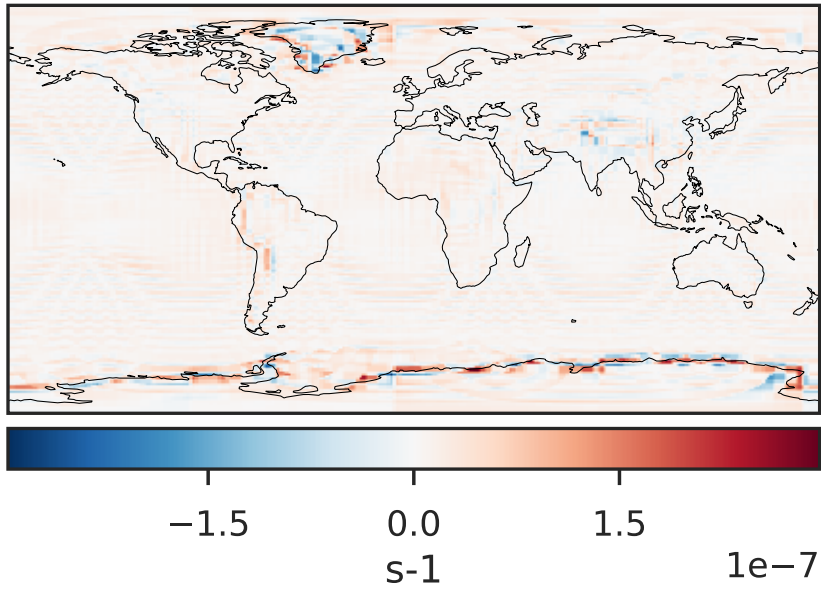
GCC_14.2.0 (Ref)
4.0x5.0



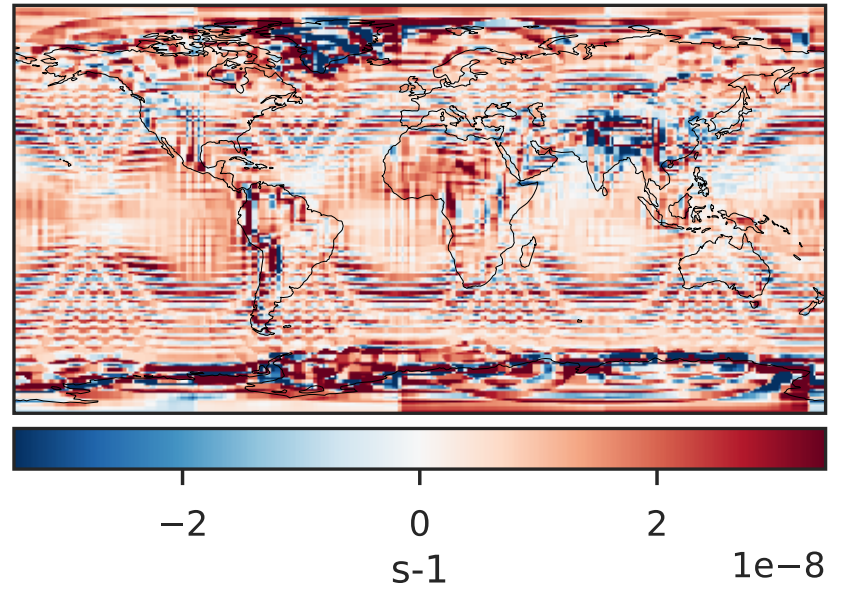
GCHP_14.2.0 (Dev)
c24



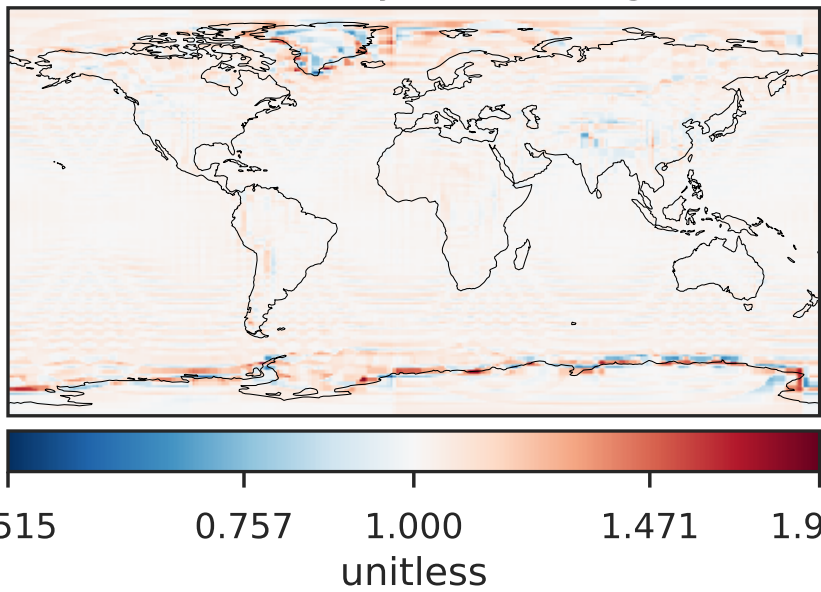
Difference (1x1.25)
Dev - Ref, Dynamic Range



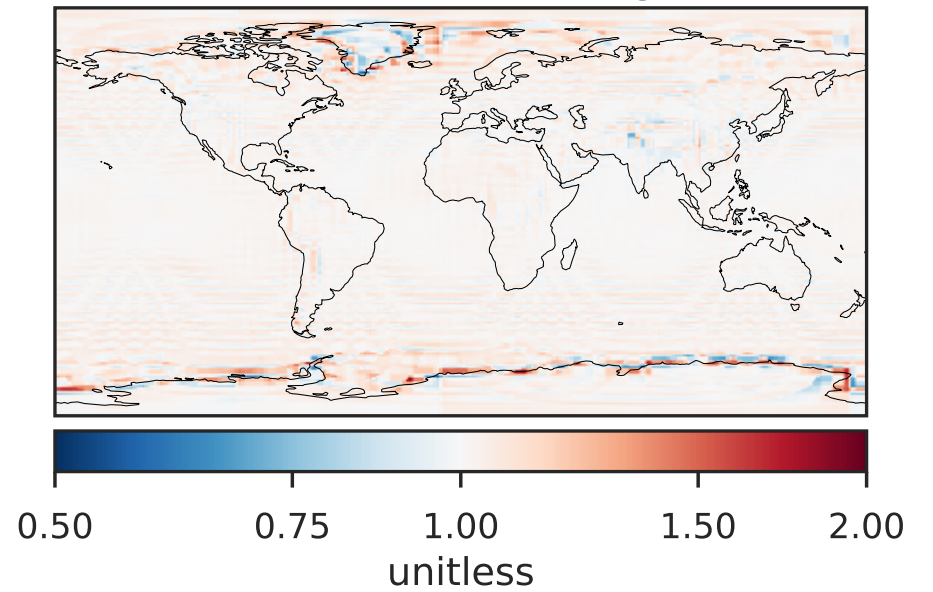
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

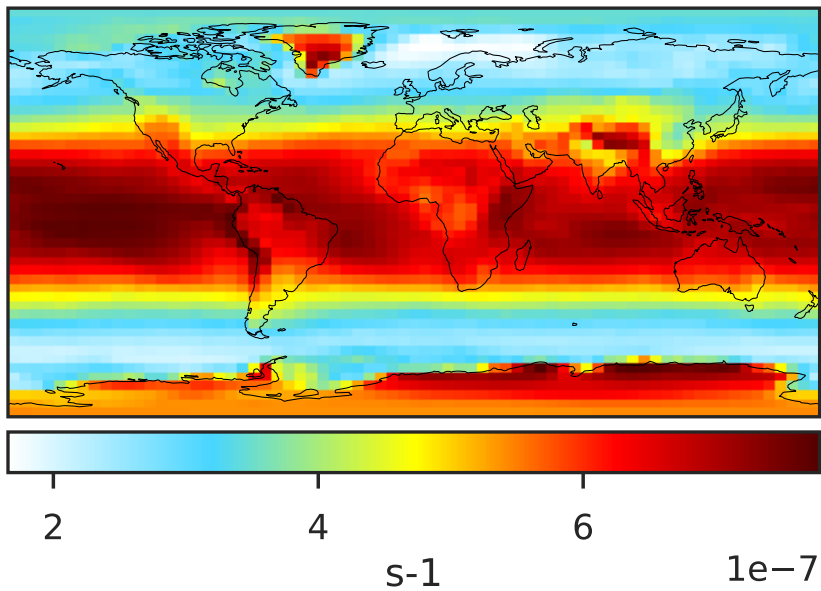


Ratio (1x1.25)
Dev/Ref, Fixed Range

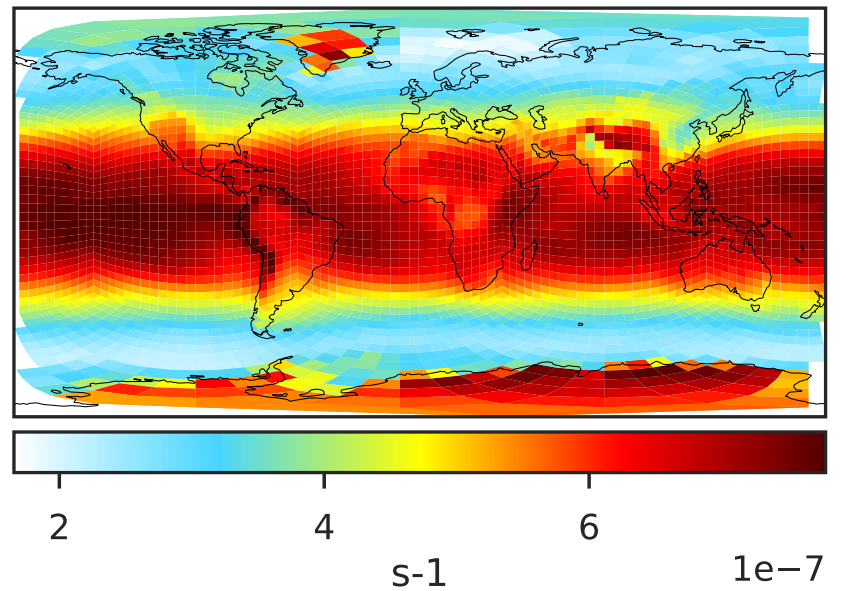


Jval_IHN3 (AnnualMean)

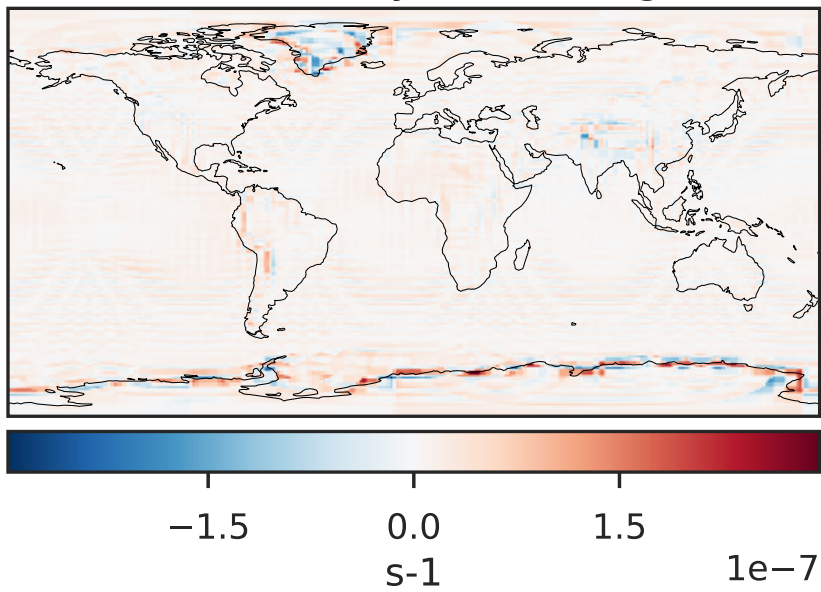
GCC_14.2.0 (Ref)
4.0x5.0



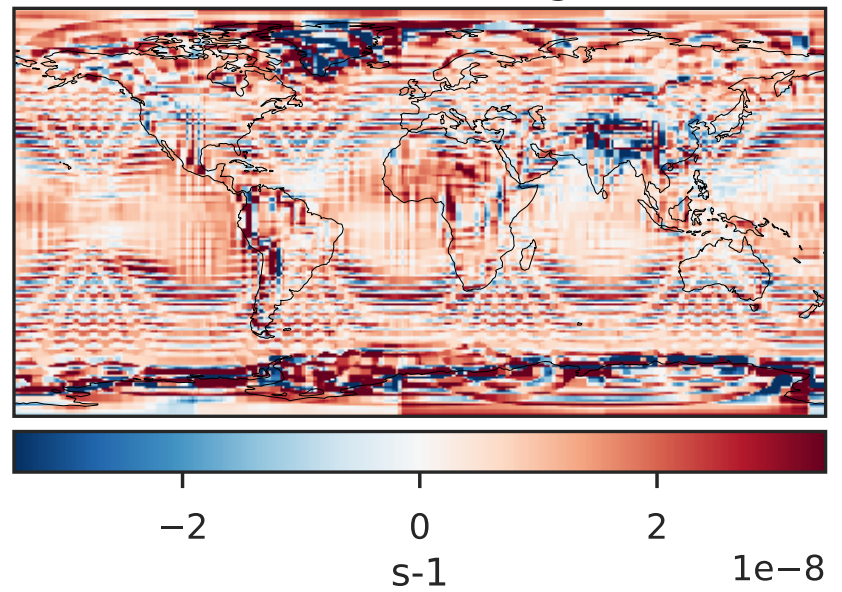
GCHP_14.2.0 (Dev)
c24



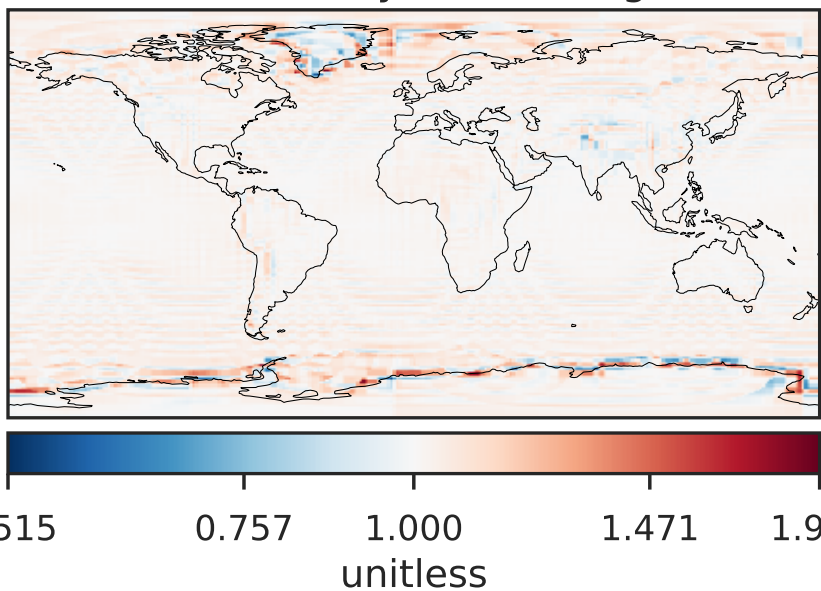
Difference (1x1.25)
Dev - Ref, Dynamic Range



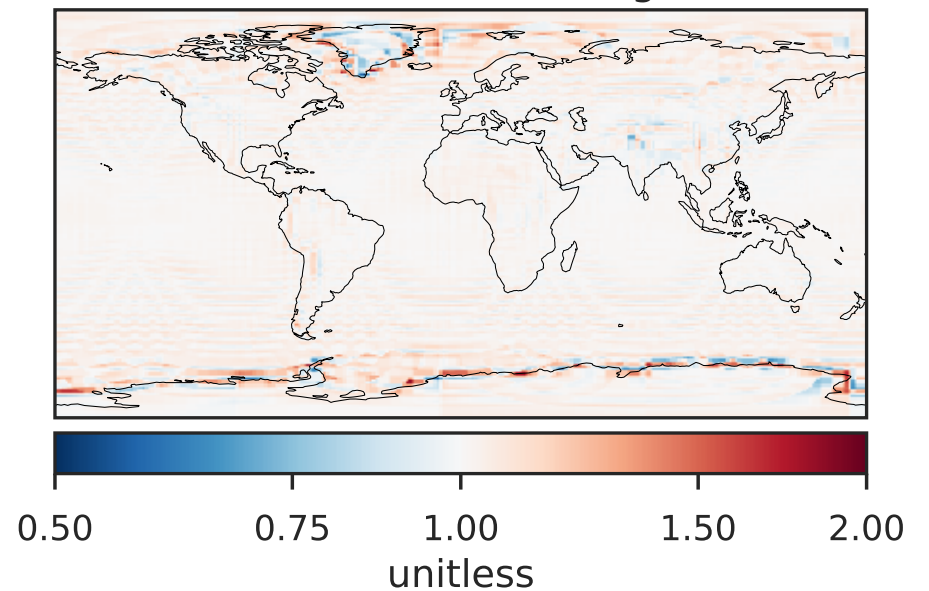
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

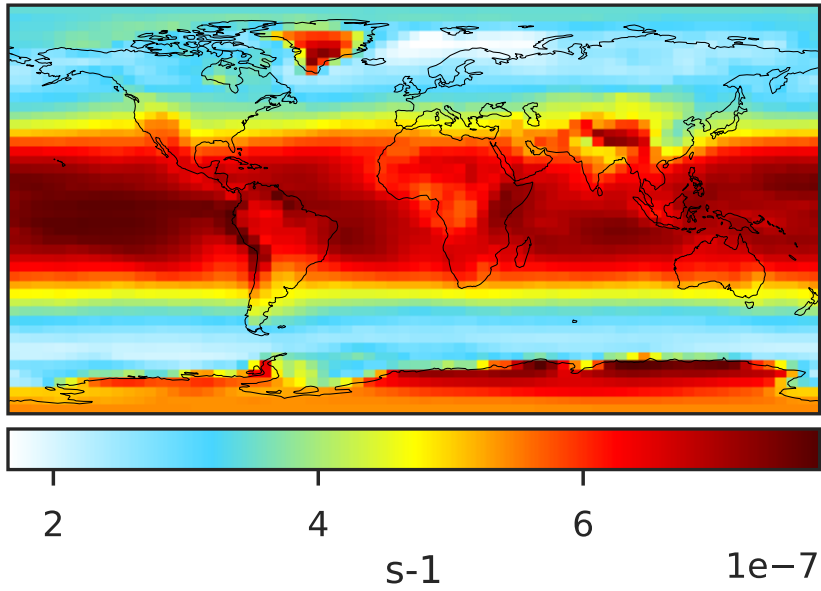


Ratio (1x1.25)
Dev/Ref, Fixed Range

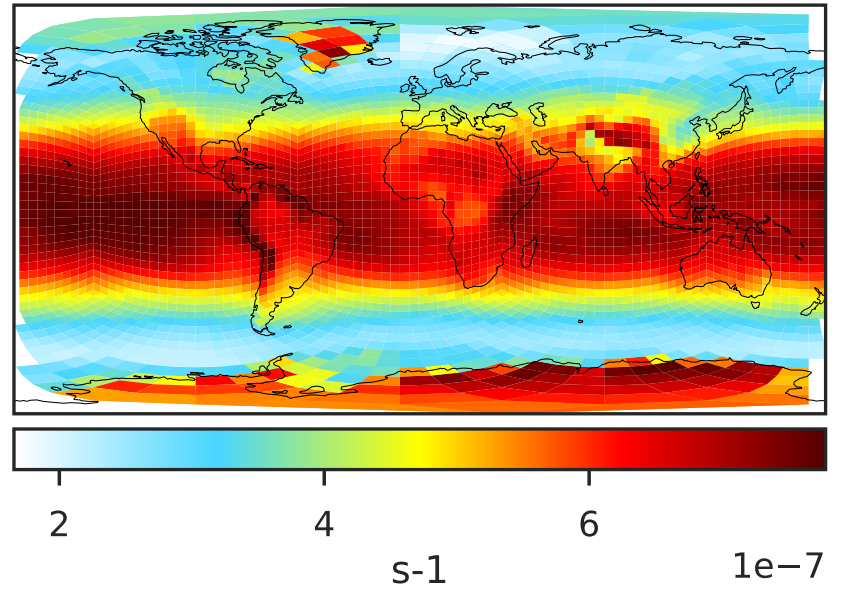


Jval_IHN4 (AnnualMean)

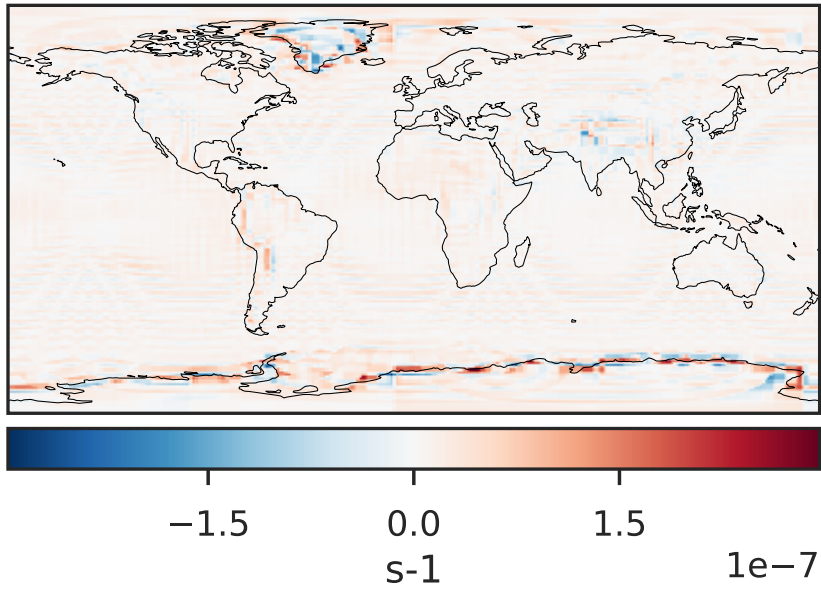
GCC_14.2.0 (Ref)
4.0x5.0



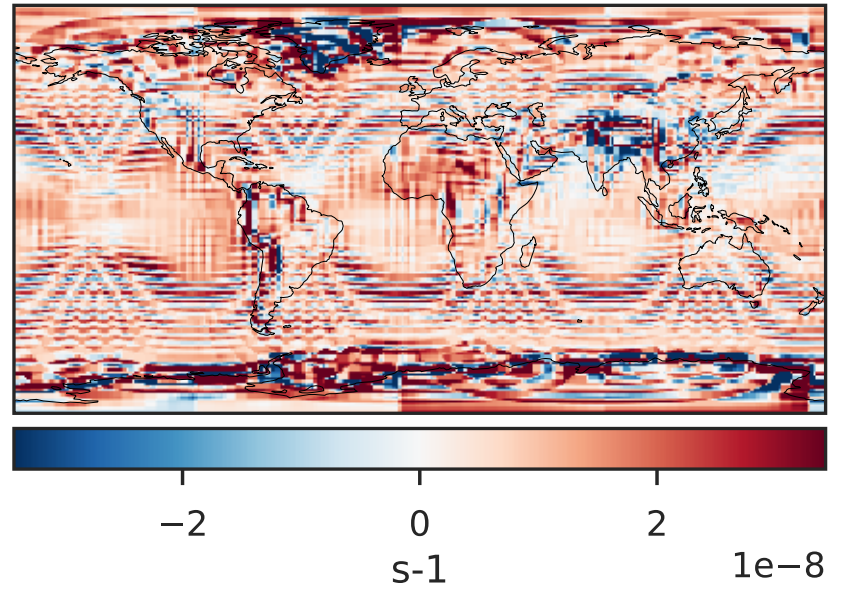
GCHP_14.2.0 (Dev)
c24



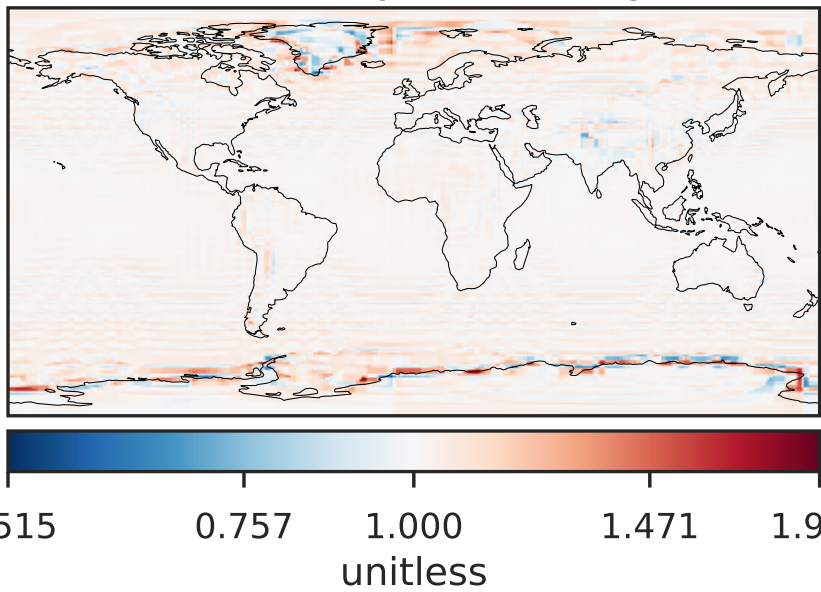
Difference (1x1.25)
Dev - Ref, Dynamic Range



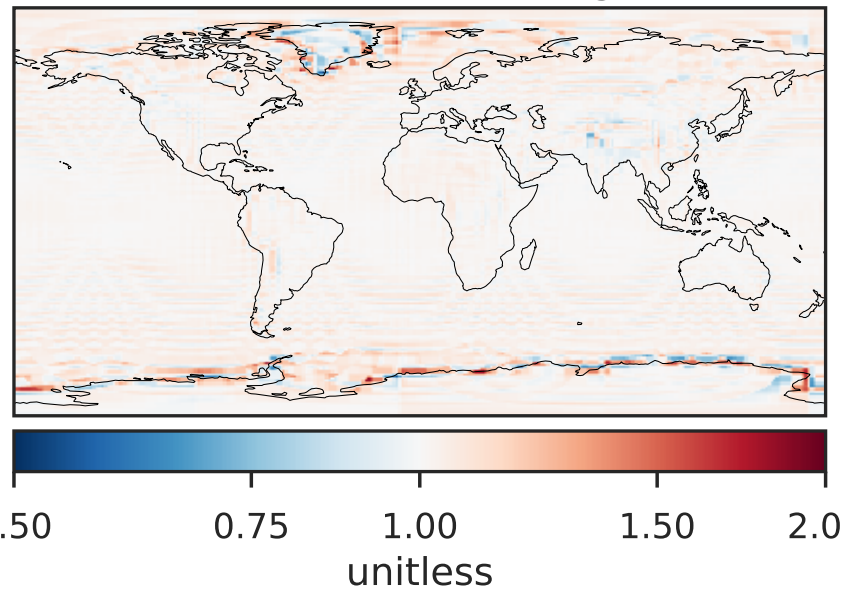
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

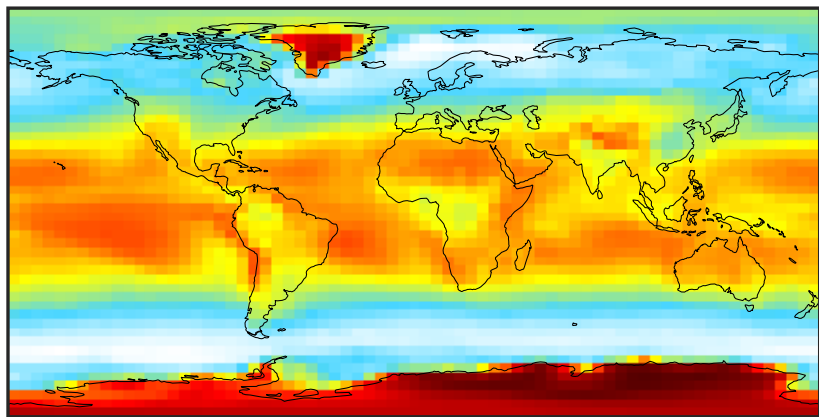


Ratio (1x1.25)
Dev/Ref, Fixed Range



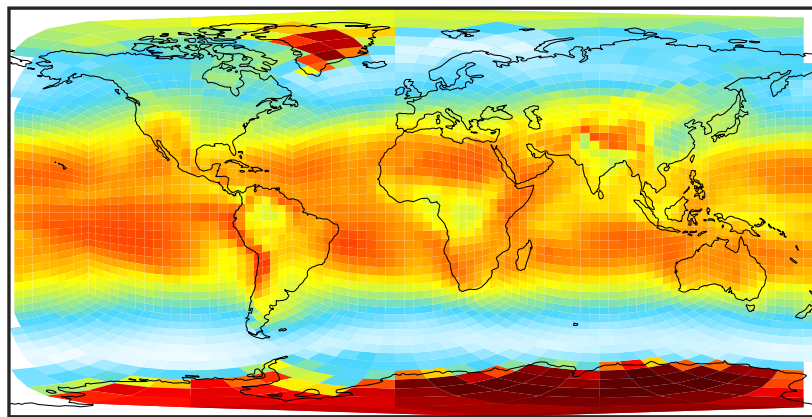
Jval_INO (AnnualMean)

GCC_14.2.0 (Ref)
4.0x5.0



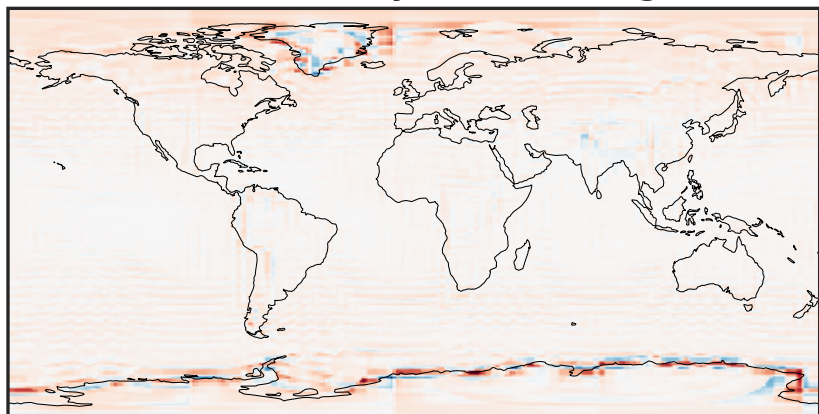
0.008 0.012 0.016
s-1

GCHP_14.2.0 (Dev)
c24



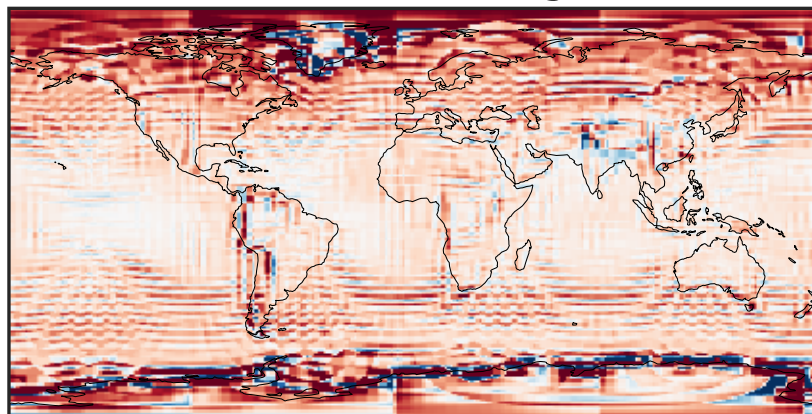
0.008 0.012 0.016
s-1

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



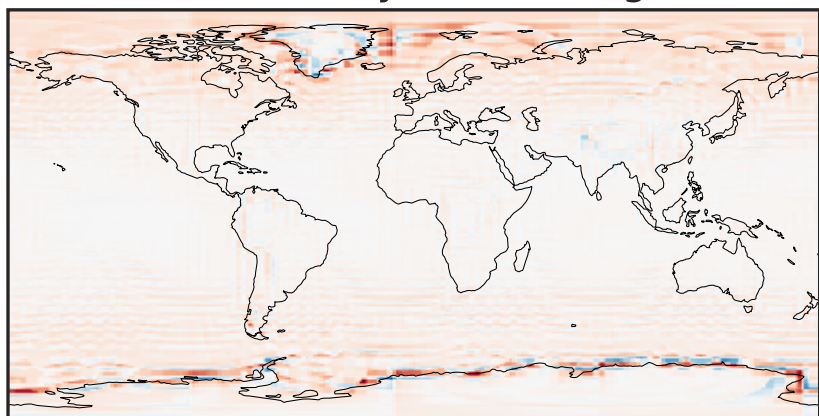
-0.004 0.000 0.004
s-1

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



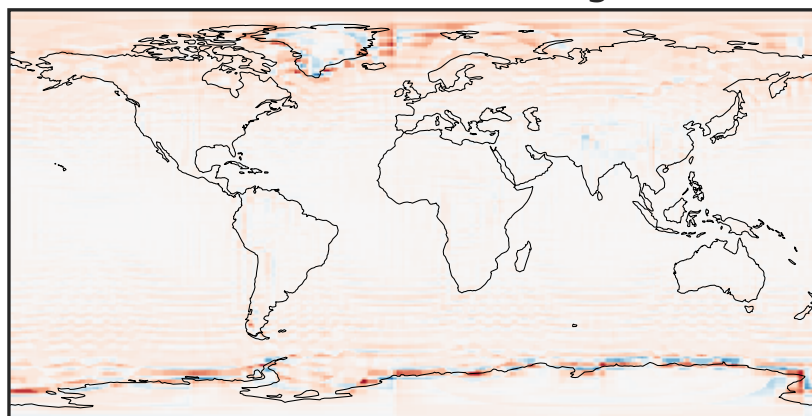
-0.0006 0.0000 0.0006
s-1

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



0.537 0.768 1.000 1.432 1.863
unitless

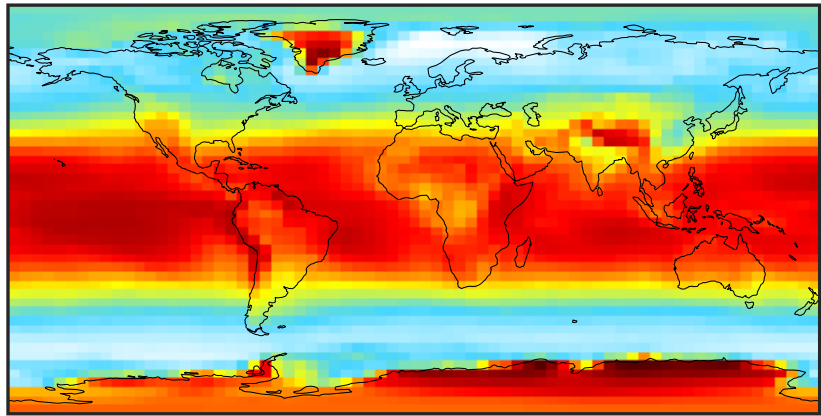
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

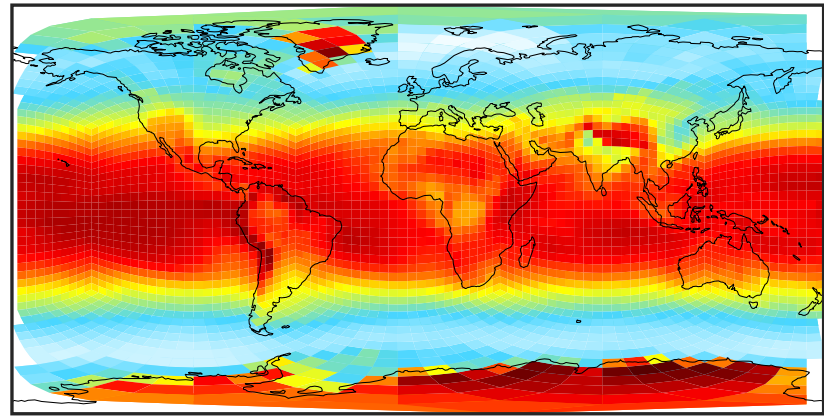
Jval_INPB (AnnualMean)

GCC_14.2.0 (Ref)
4.0x5.0



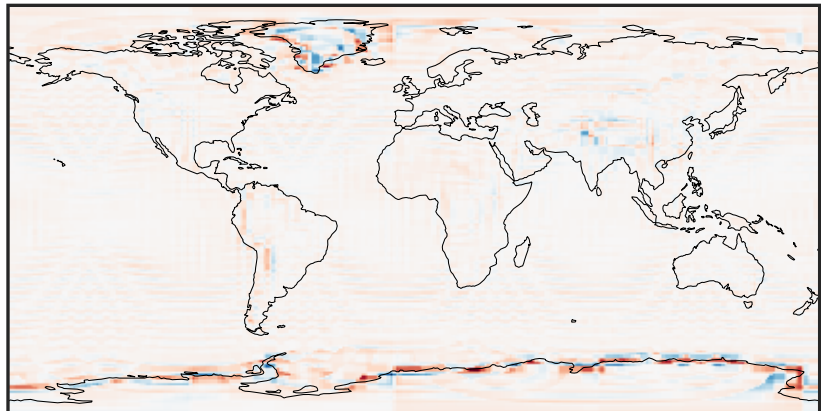
1.2 1.8 2.4
s-1 $1e-6$

GCHP_14.2.0 (Dev)
c24



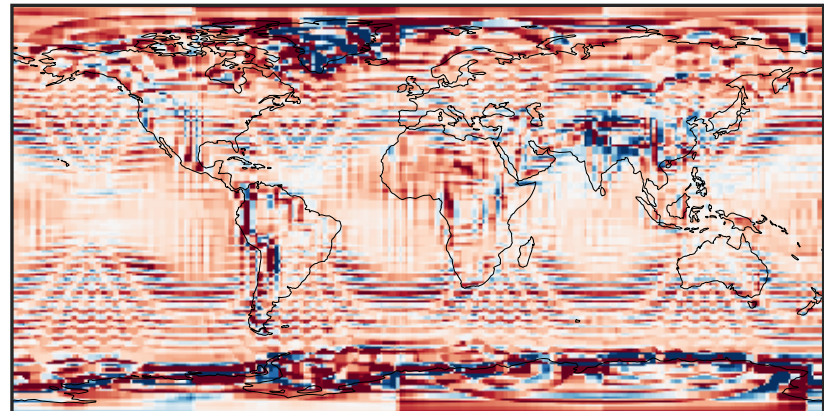
1.2 1.8 2.4
s-1 $1e-6$

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



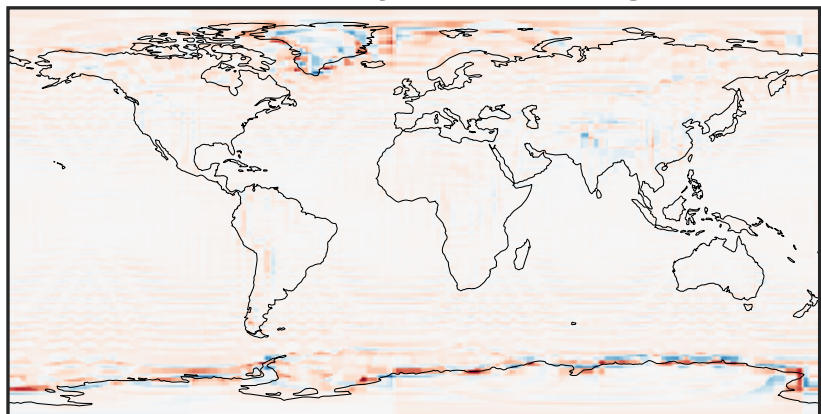
-6 0 6
s-1 $1e-7$

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



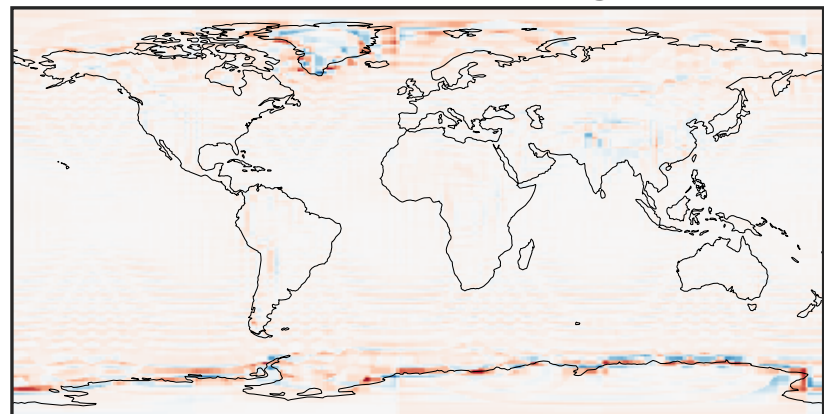
-8 0 8
s-1 $1e-8$

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



0.516 0.758 1.000 1.468 1.936
unitless

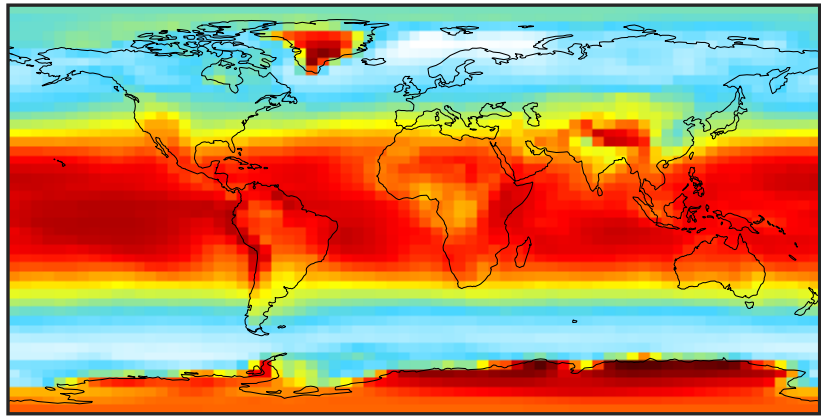
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

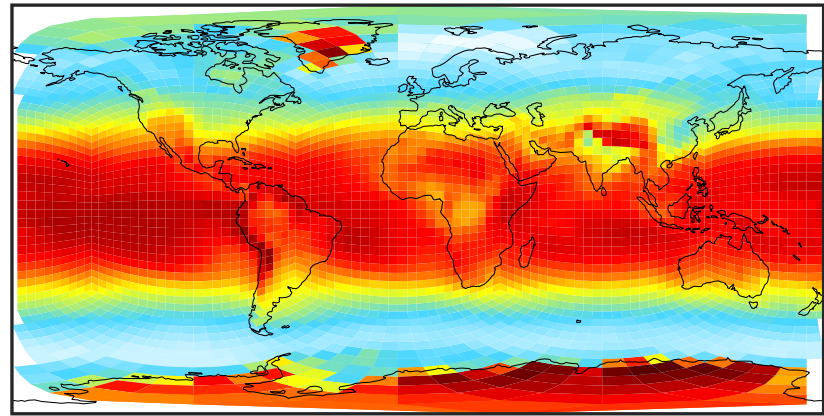
Jval_INPD (AnnualMean)

GCC_14.2.0 (Ref)
4.0x5.0



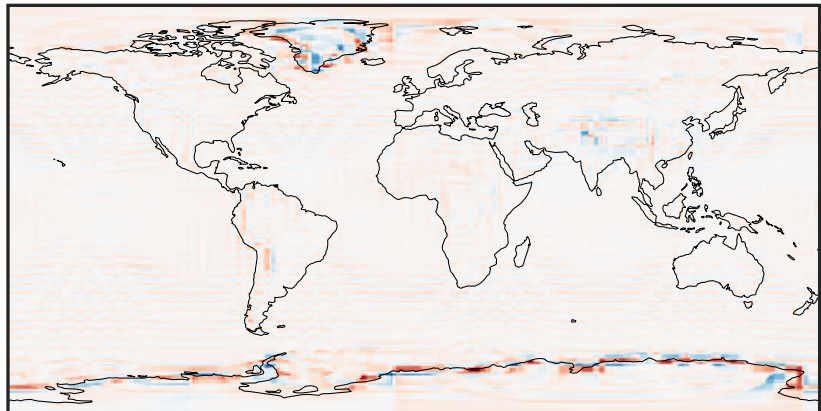
1.2 1.8 2.4
s-1 $1e-6$

GCHP_14.2.0 (Dev)
c24



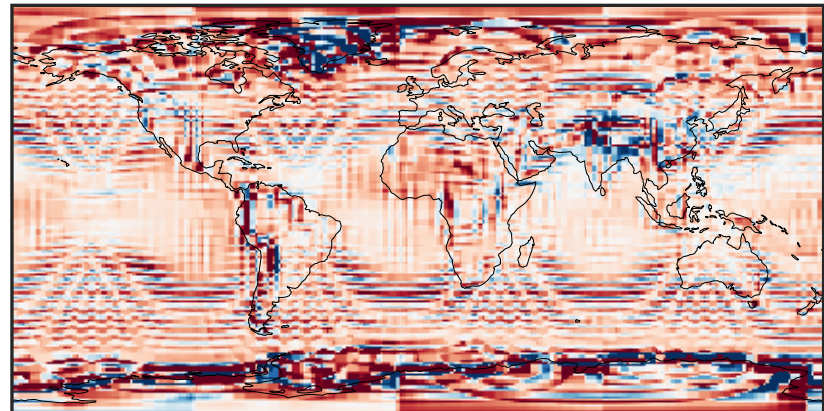
1.2 1.8 2.4
s-1 $1e-6$

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



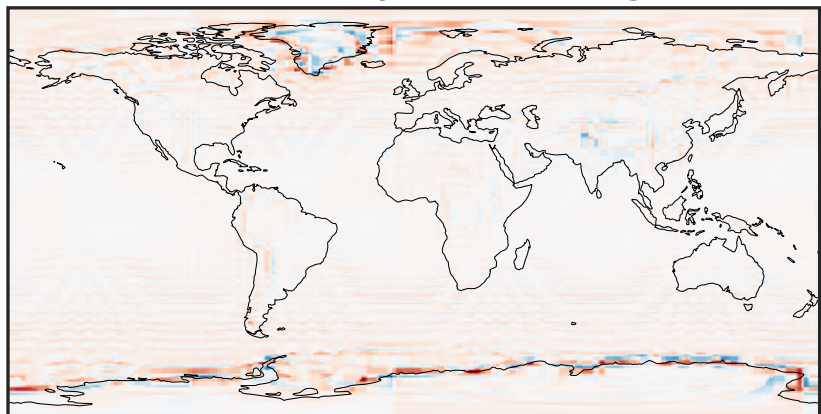
-6 0 6
s-1 $1e-7$

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



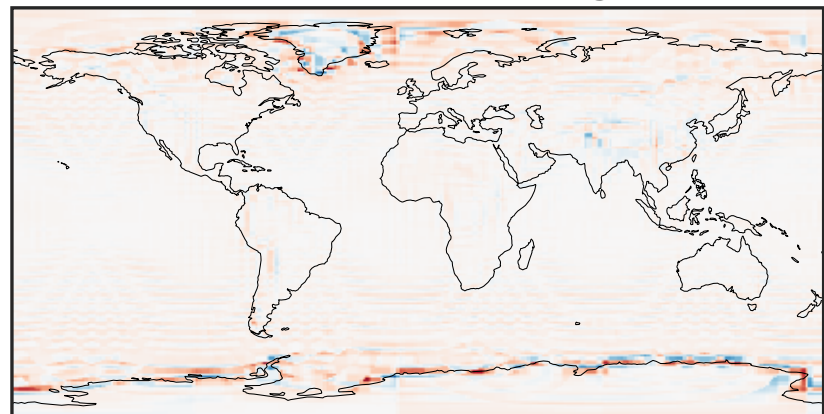
-8 0 8
s-1 $1e-8$

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



0.516 0.758 1.000 1.468 1.936
unitless

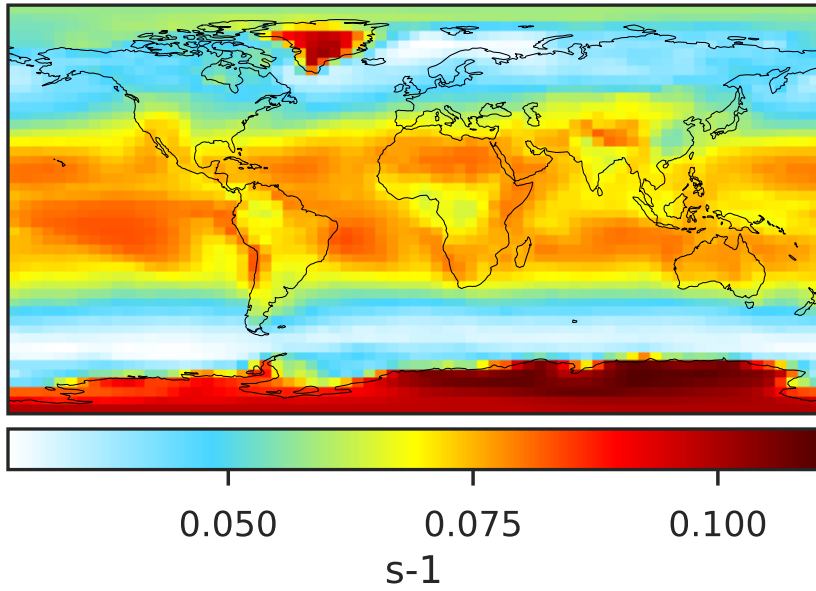
Ratio (1x1.25)
Dev/Ref, Fixed Range



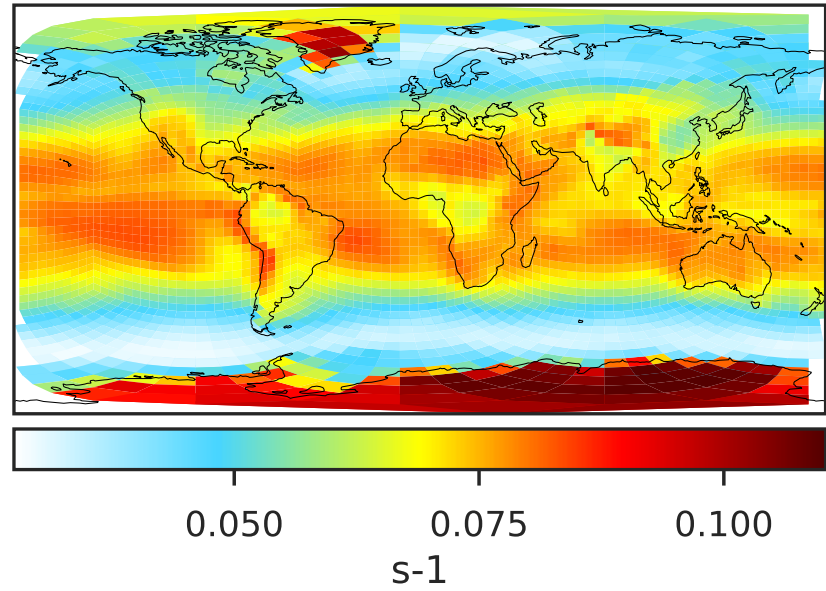
0.50 0.75 1.00 1.50 2.00
unitless

Jval_IO (AnnualMean)

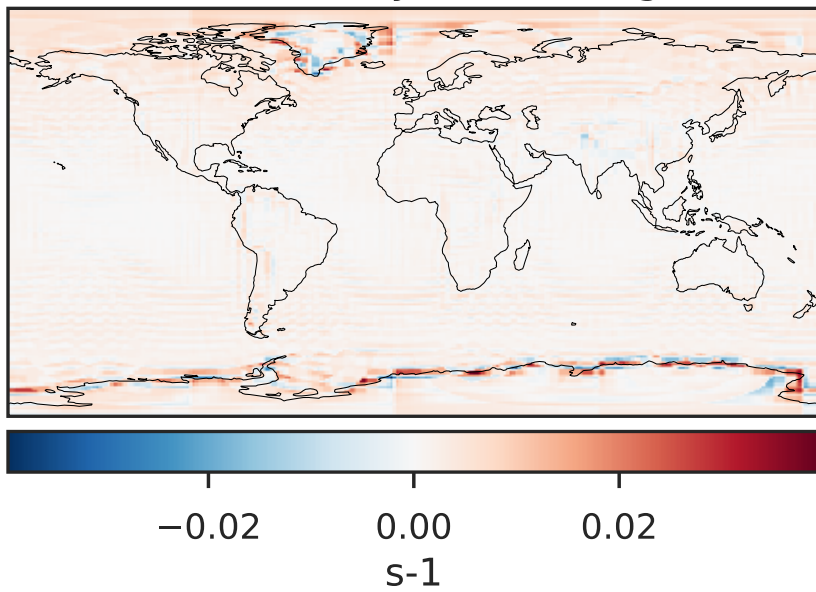
GCC_14.2.0 (Ref)
4.0x5.0



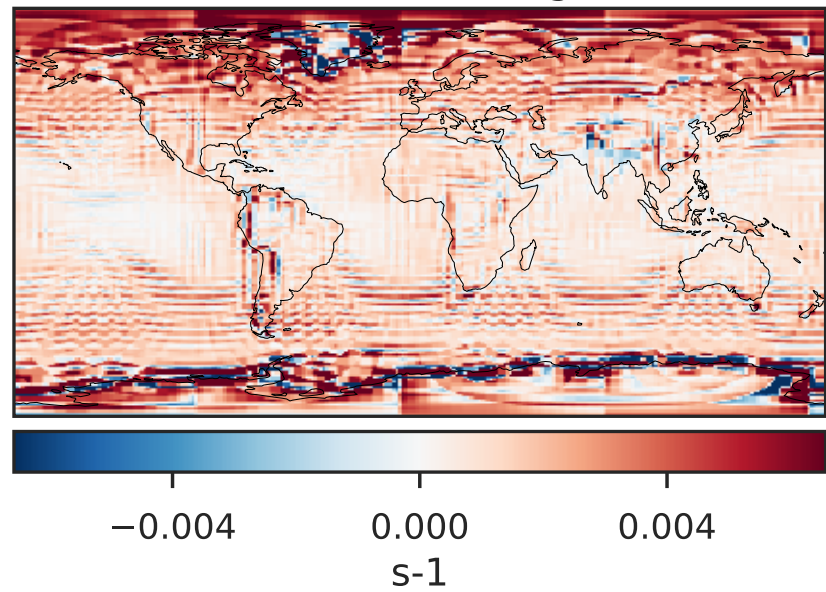
GCHP_14.2.0 (Dev)
c24



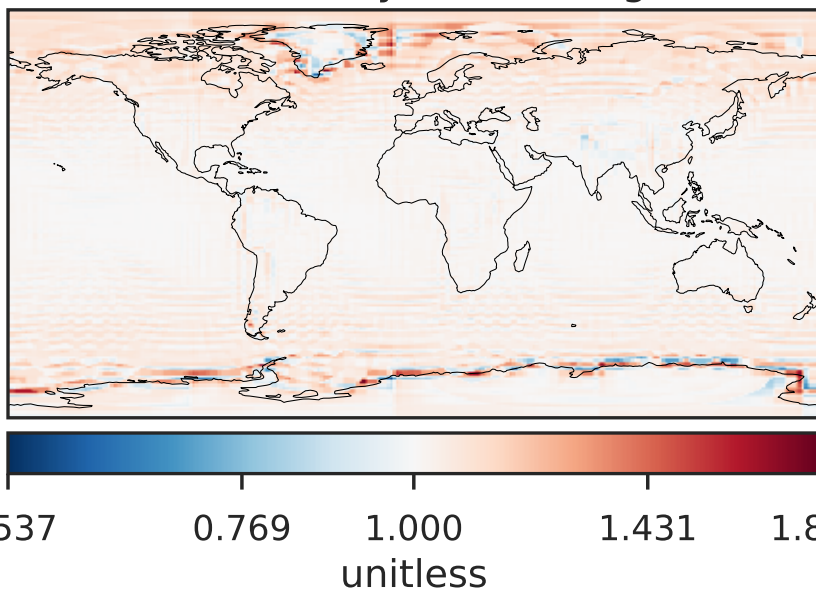
Difference (1x1.25)
Dev - Ref, Dynamic Range



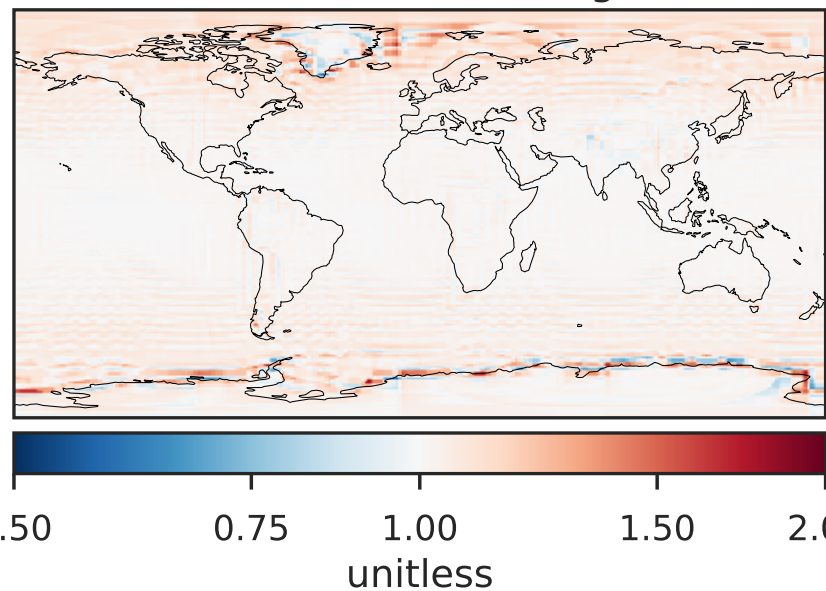
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

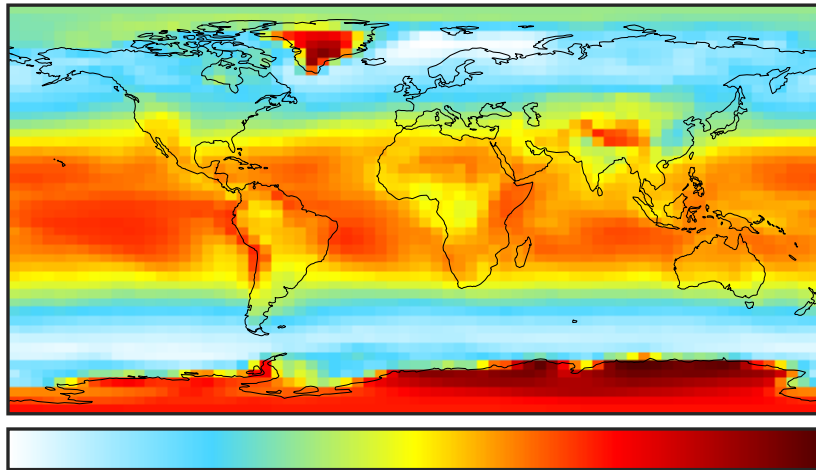


Ratio (1x1.25)
Dev/Ref, Fixed Range



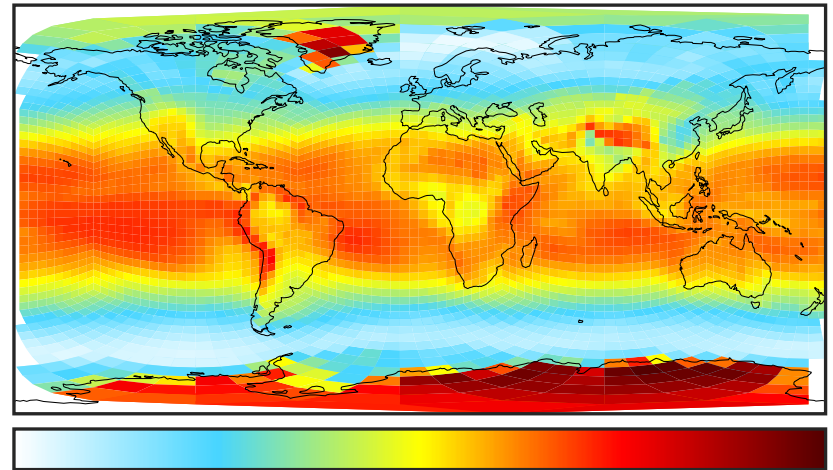
Jval_IONO (AnnualMean)

GCC_14.2.0 (Ref)
4.0x5.0



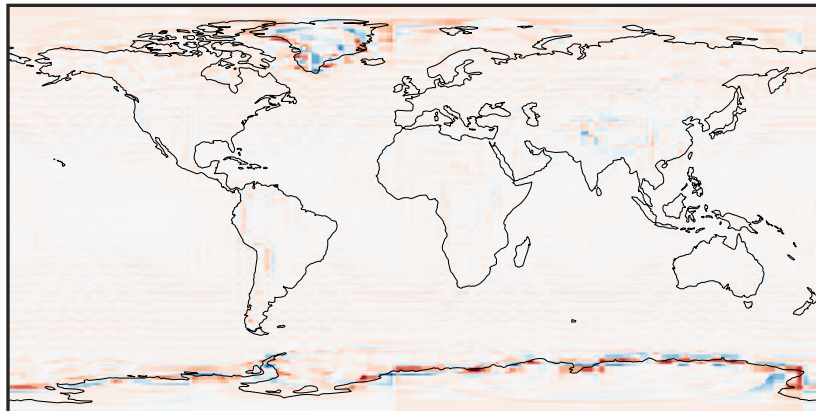
0.0006 0.0009 0.0012
s-1

GCHP_14.2.0 (Dev)
c24



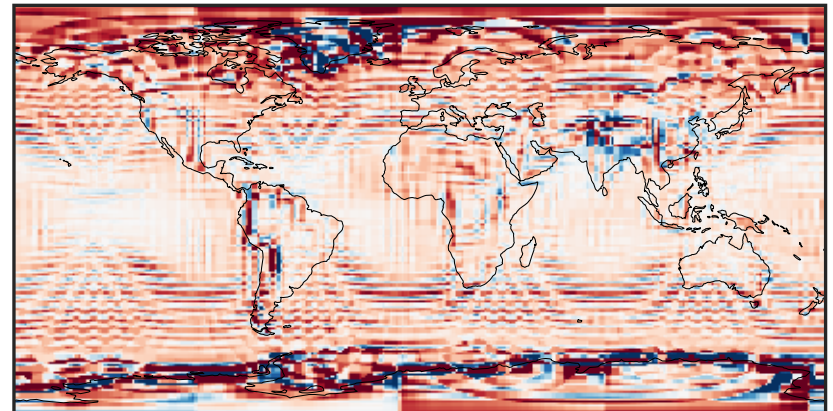
0.0006 0.0009 0.0012
s-1

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



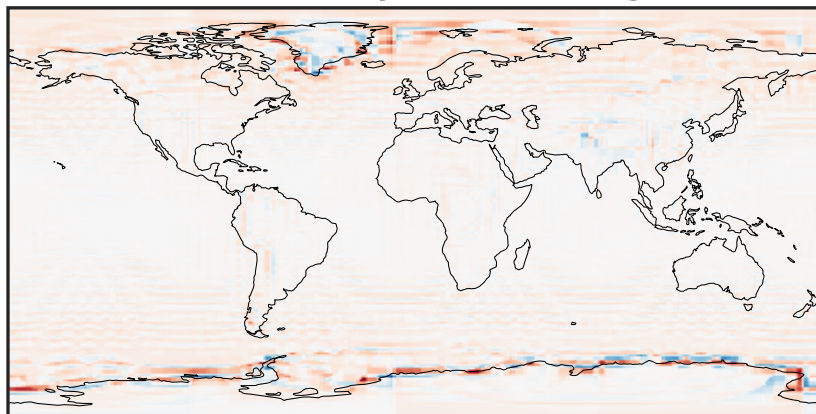
-0.0003 0.0000 0.0003
s-1

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



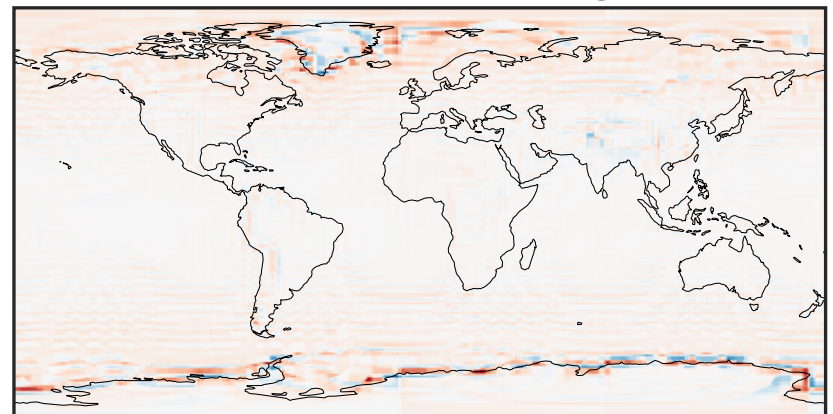
-4 0 4
s-1 1e-5

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



0.520 0.760 1.000 1.461 1.923
unitless

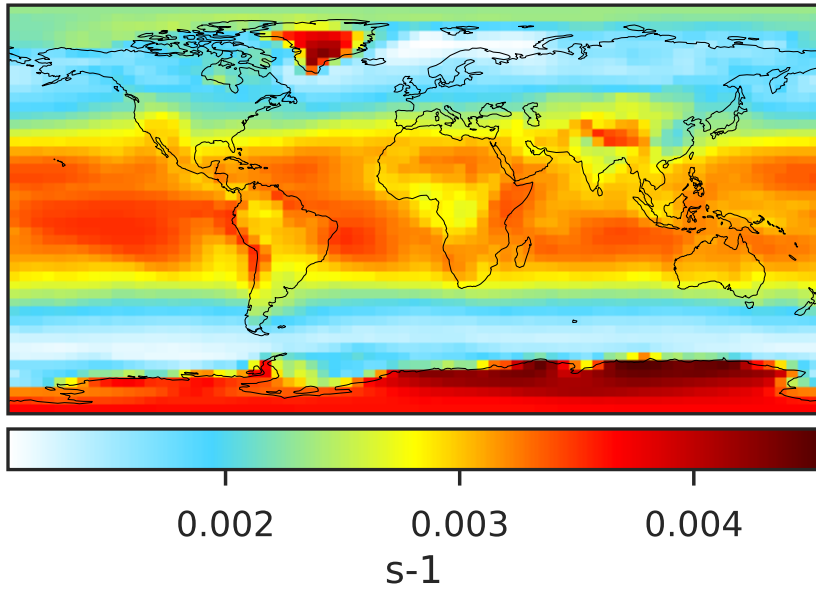
Ratio (1x1.25)
Dev/Ref, Fixed Range



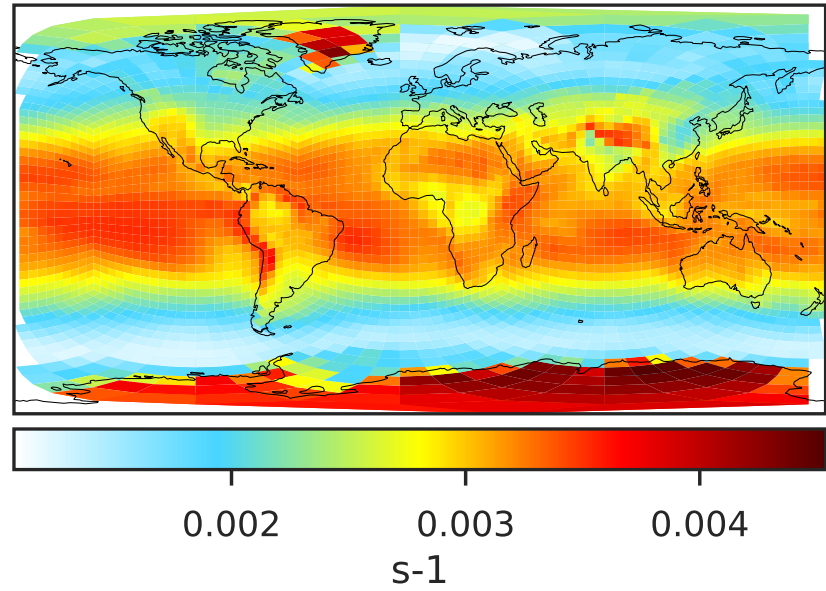
0.50 0.75 1.00 1.50 2.00
unitless

Jval_IONO2 (AnnualMean)

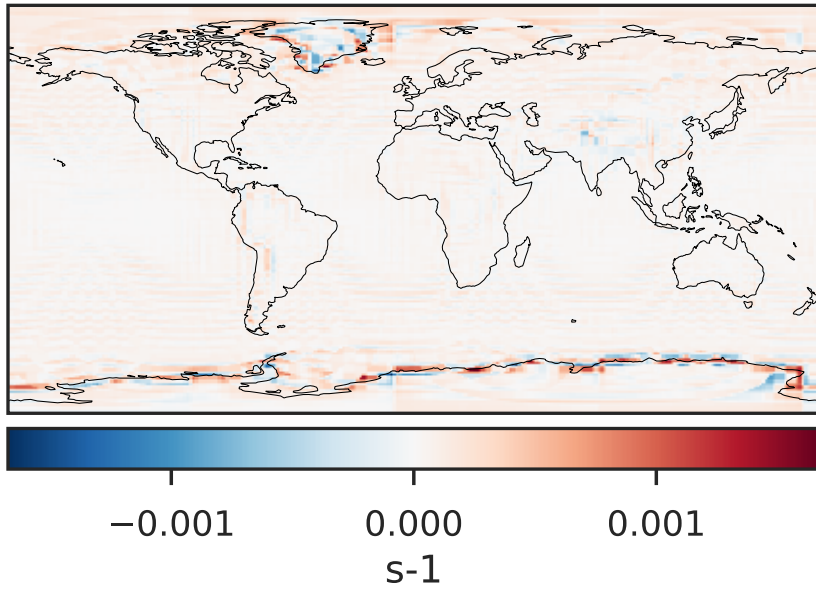
GCC_14.2.0 (Ref)
4.0x5.0



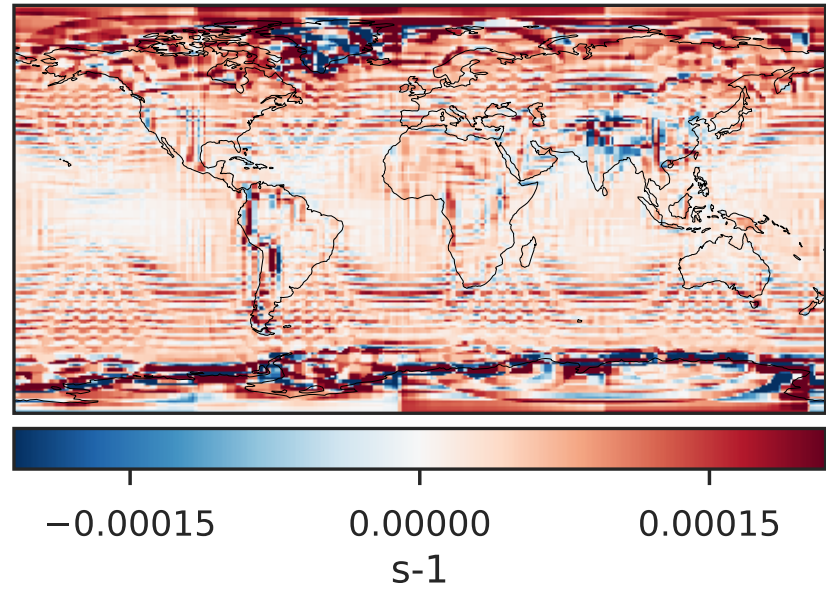
GCHP_14.2.0 (Dev)
c24



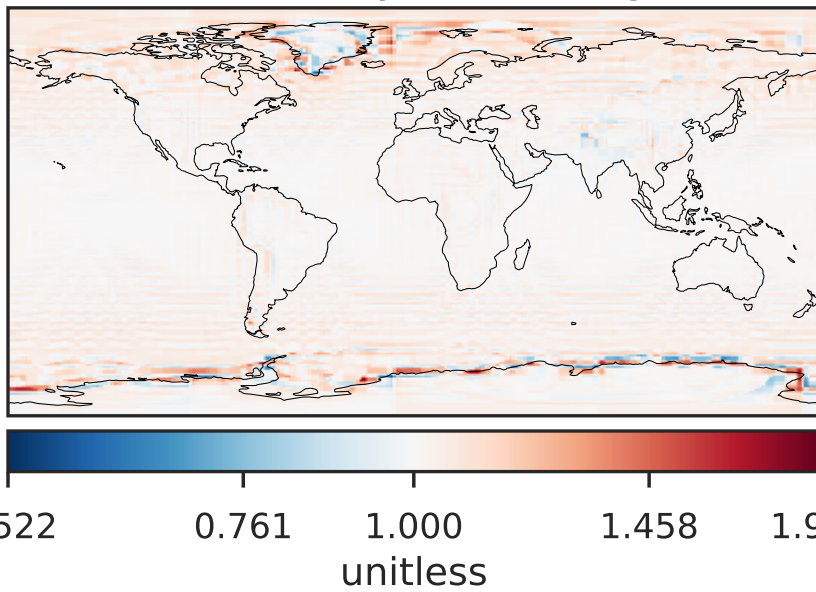
Difference (1x1.25)
Dev - Ref, Dynamic Range



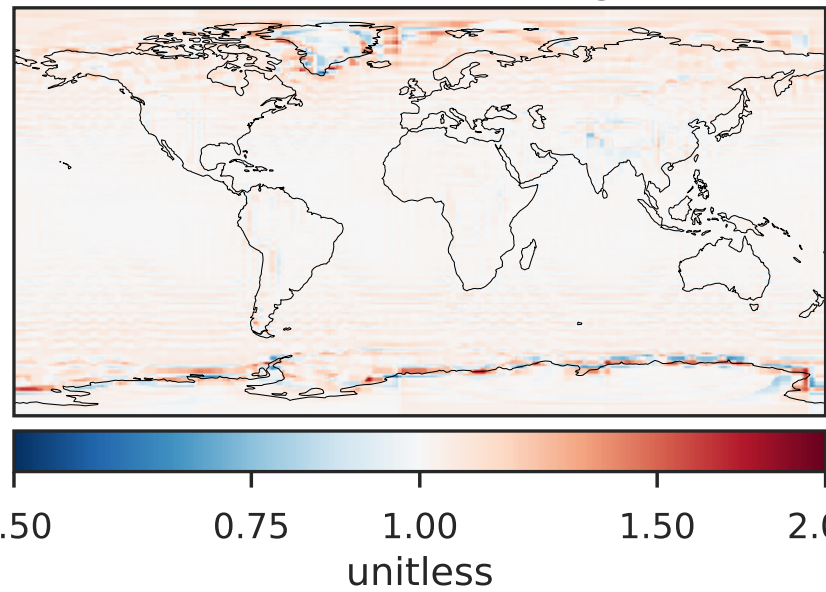
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

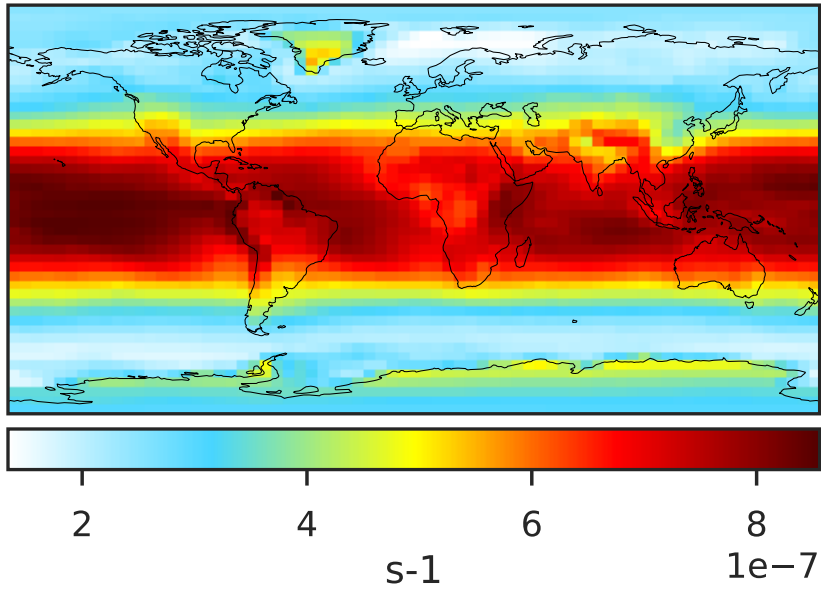


Ratio (1x1.25)
Dev/Ref, Fixed Range

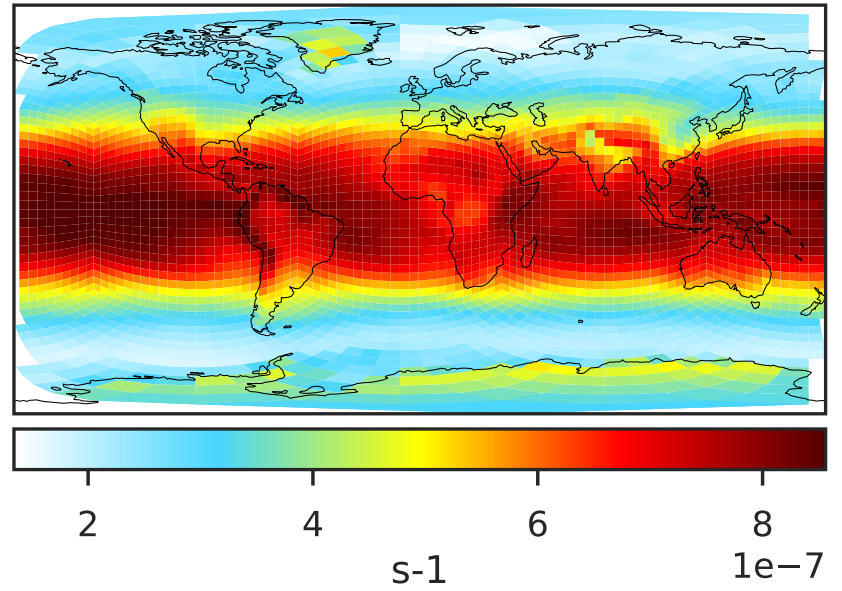


Jval_IPRNO3 (AnnualMean)

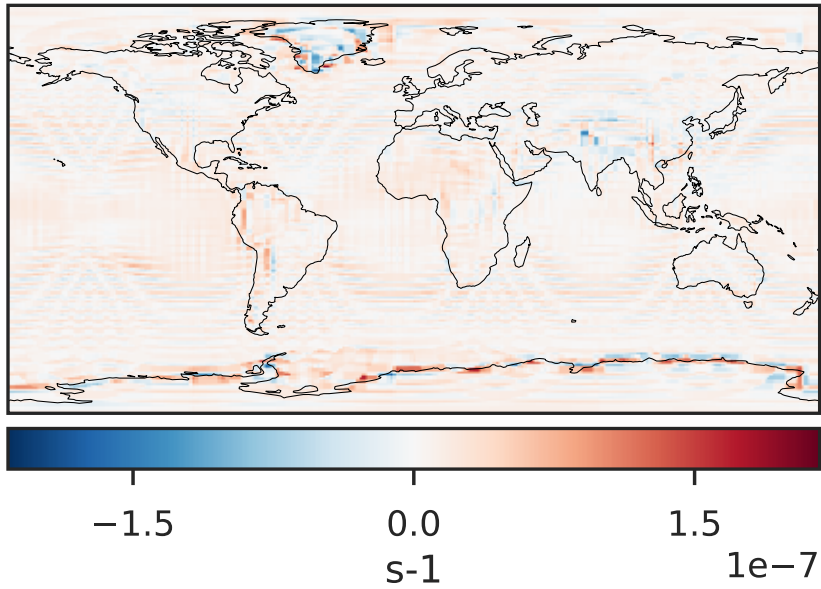
GCC_14.2.0 (Ref)
4.0x5.0



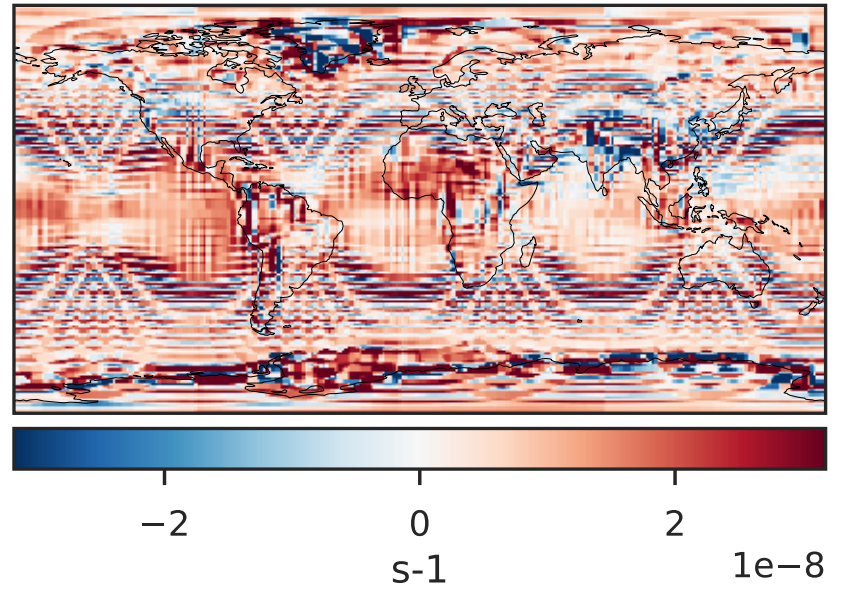
GCHP_14.2.0 (Dev)
c24



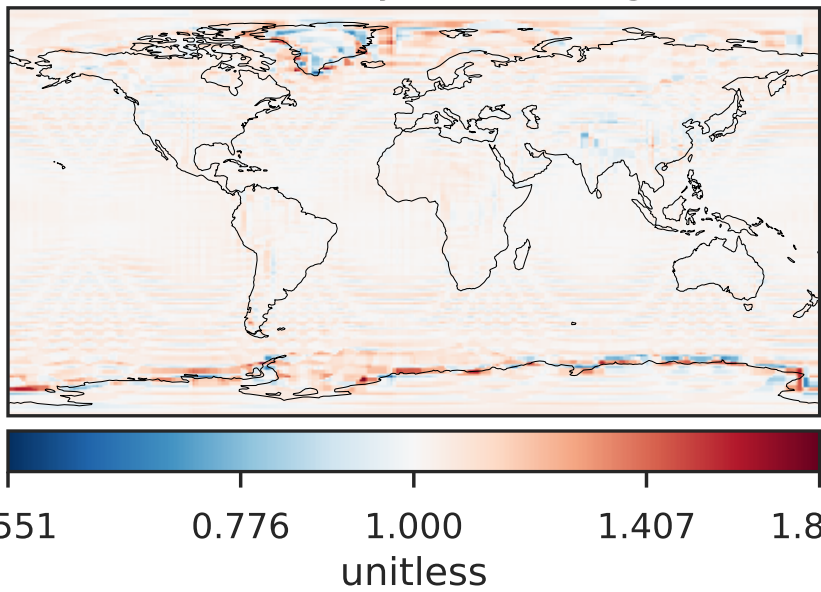
Difference (1x1.25)
Dev - Ref, Dynamic Range



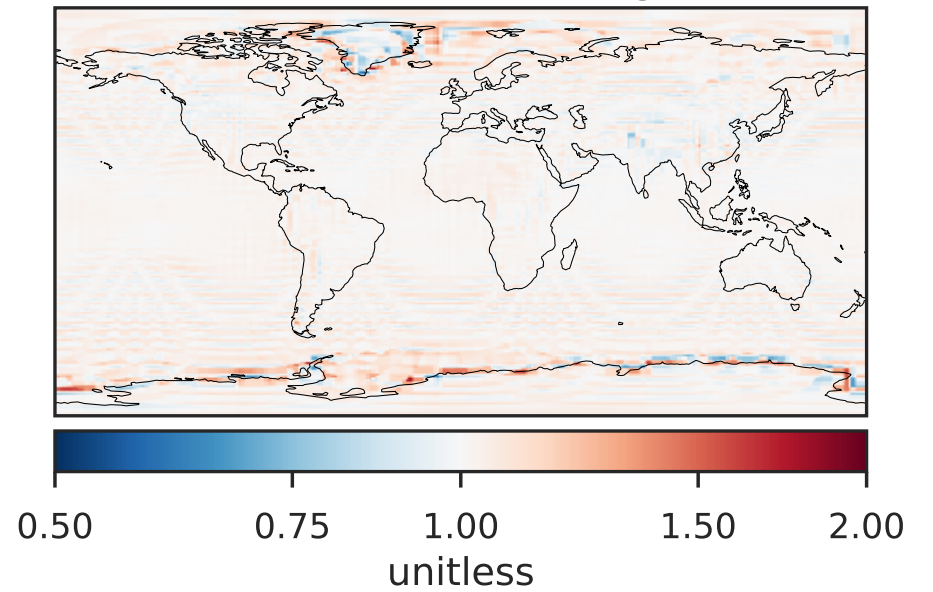
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

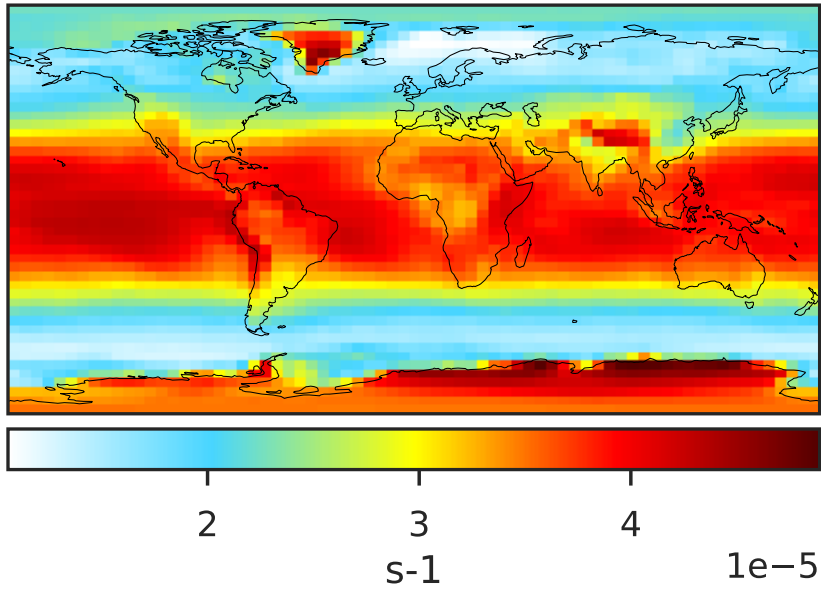


Ratio (1x1.25)
Dev/Ref, Fixed Range

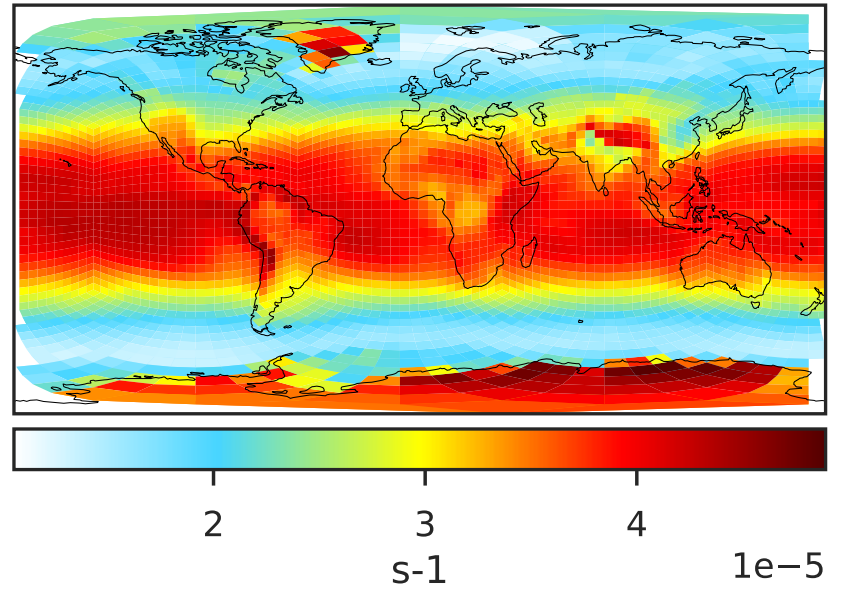


Jval_ITCN (AnnualMean)

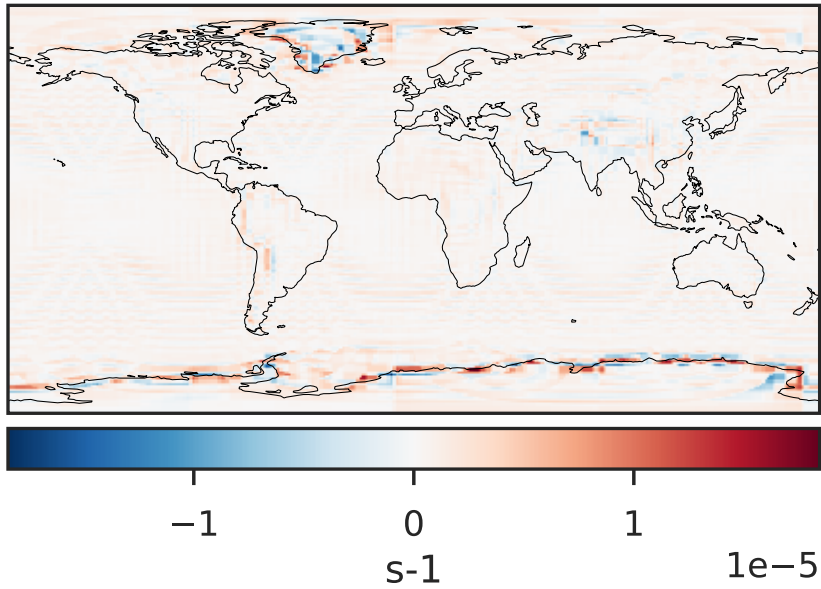
GCC_14.2.0 (Ref)
4.0x5.0



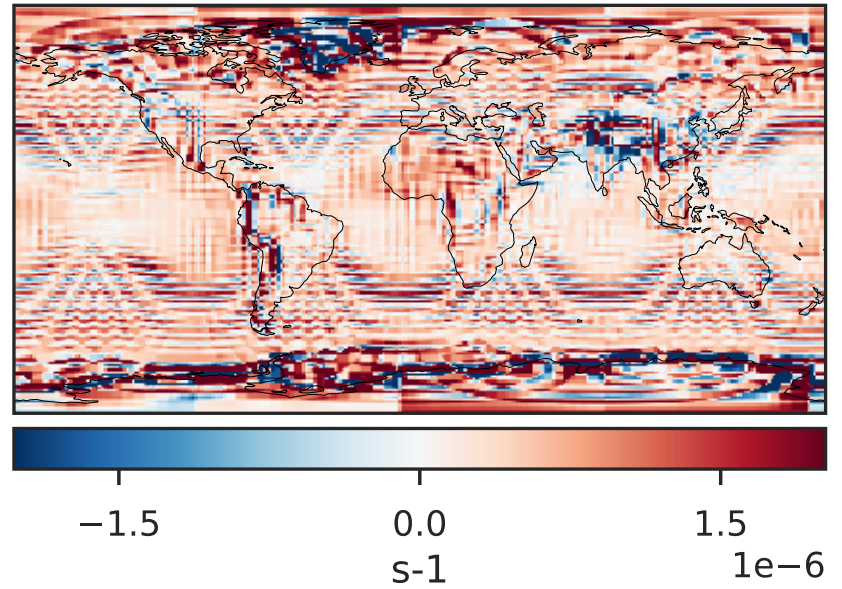
GCHP_14.2.0 (Dev)
c24



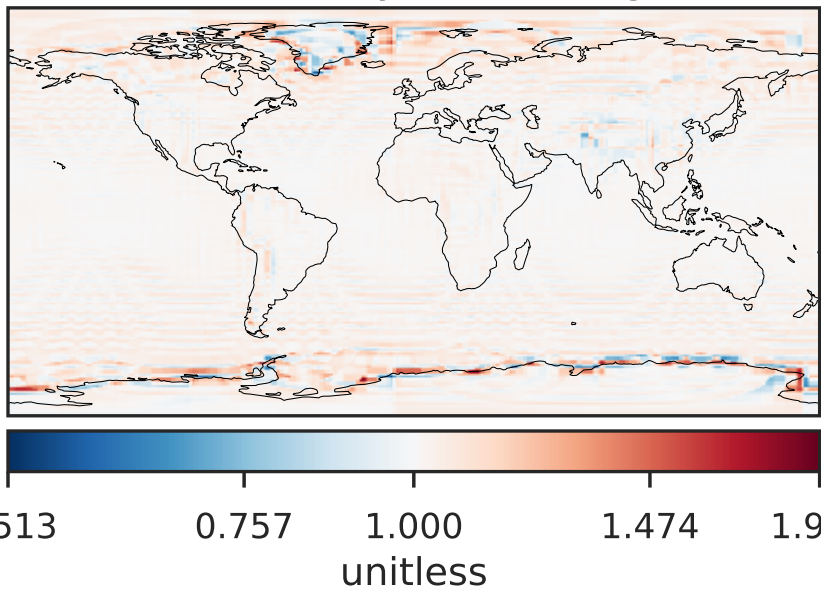
Difference (1x1.25)
Dev - Ref, Dynamic Range



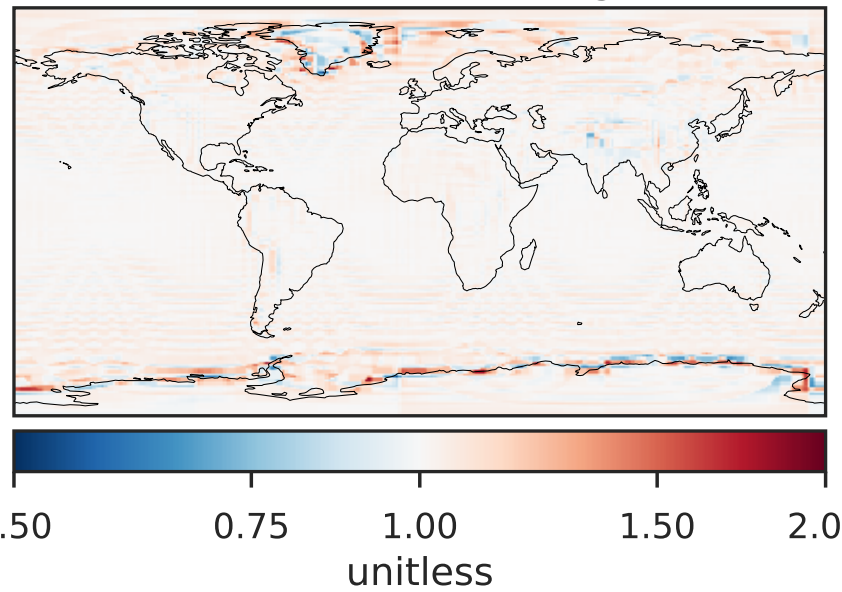
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

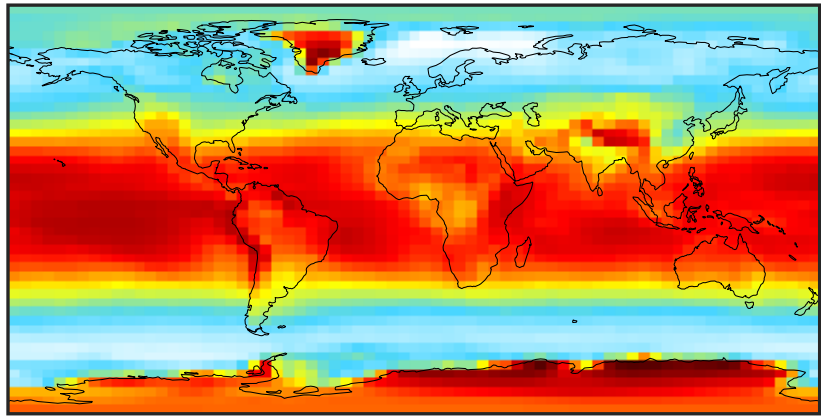


Ratio (1x1.25)
Dev/Ref, Fixed Range



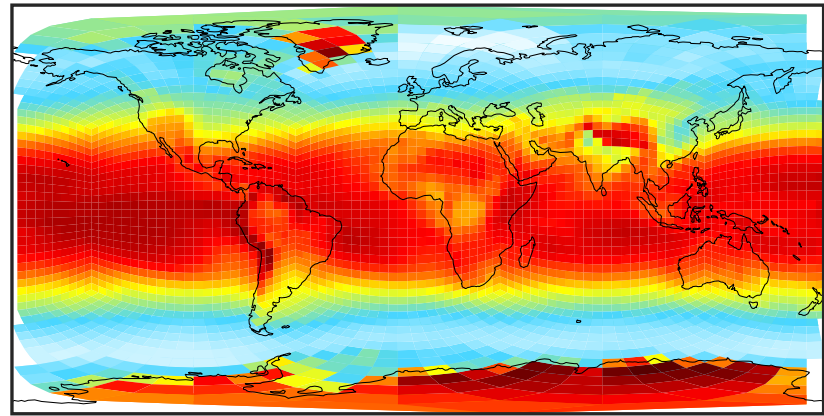
Jval_ITHN (AnnualMean)

GCC_14.2.0 (Ref)
4.0x5.0



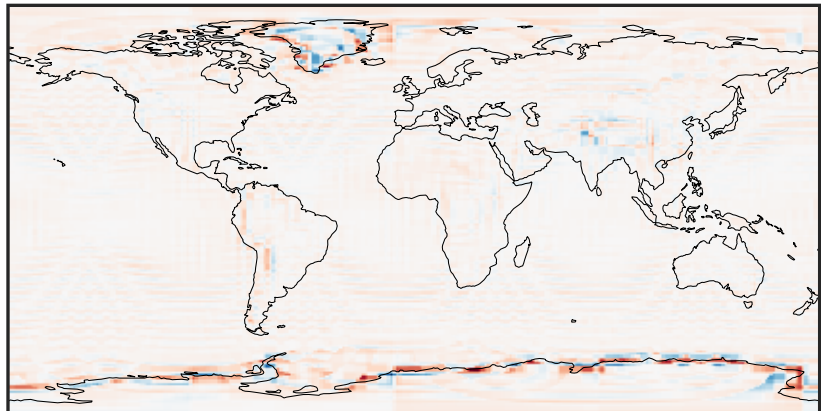
1.2 1.8 2.4
s-1 $1e-6$

GCHP_14.2.0 (Dev)
c24



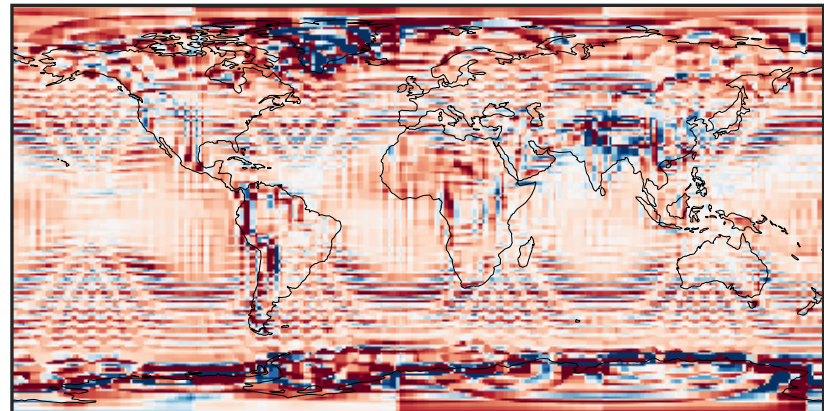
1.2 1.8 2.4
s-1 $1e-6$

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



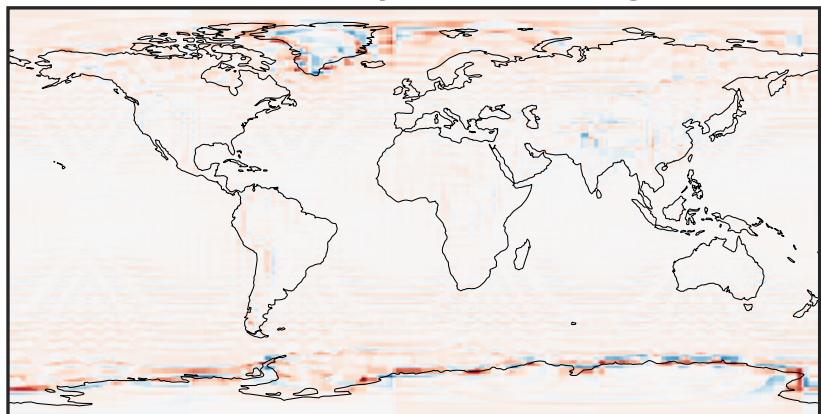
-6 0 6
s-1 $1e-7$

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



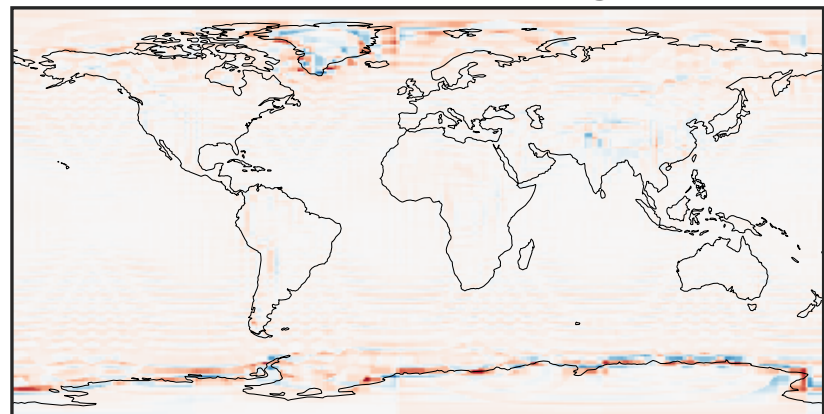
-8 0 8
s-1 $1e-8$

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



0.516 0.758 1.000 1.468 1.936
unitless

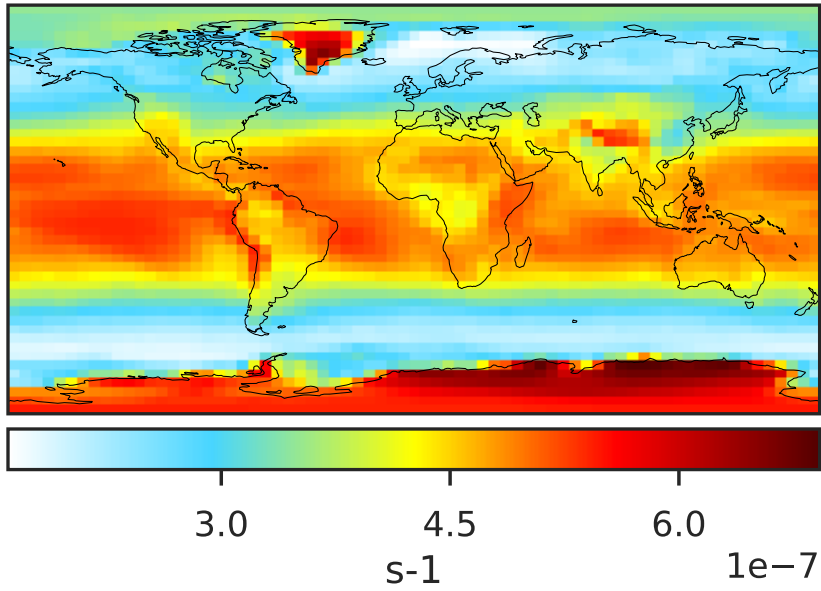
Ratio (1x1.25)
Dev/Ref, Fixed Range



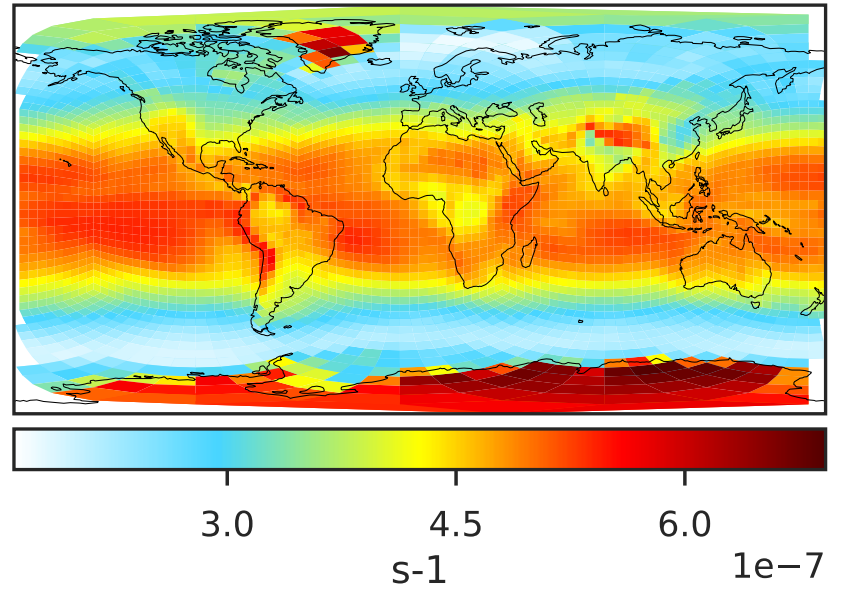
0.50 0.75 1.00 1.50 2.00
unitless

Jval_MACR (AnnualMean)

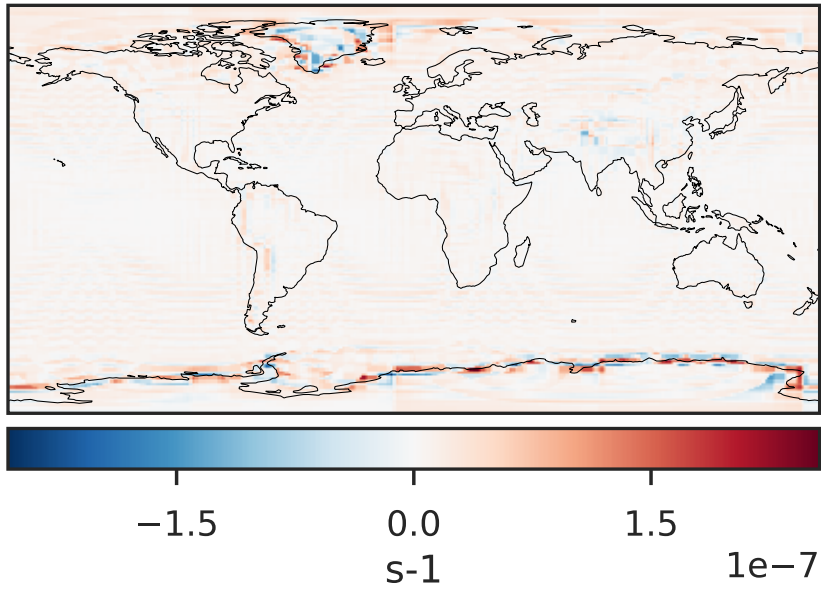
GCC_14.2.0 (Ref)
4.0x5.0



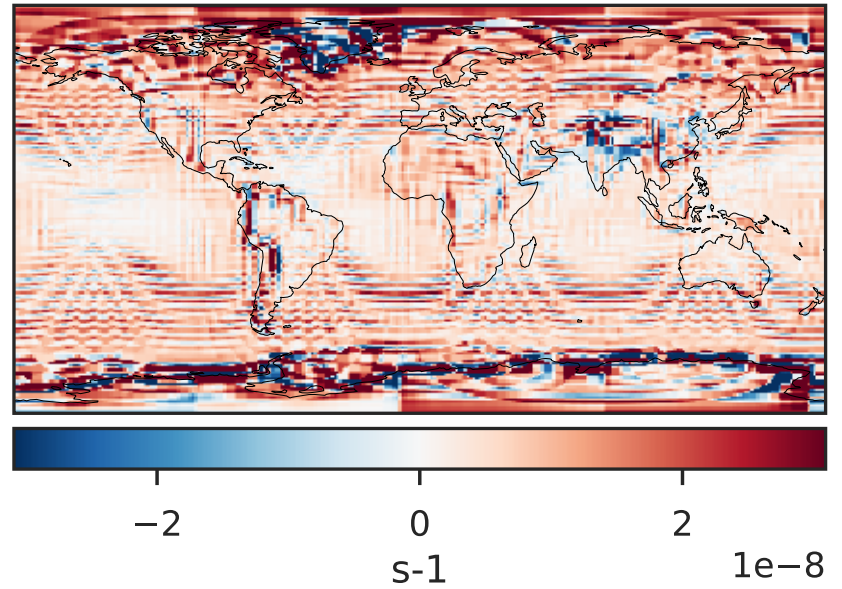
GCHP_14.2.0 (Dev)
c24



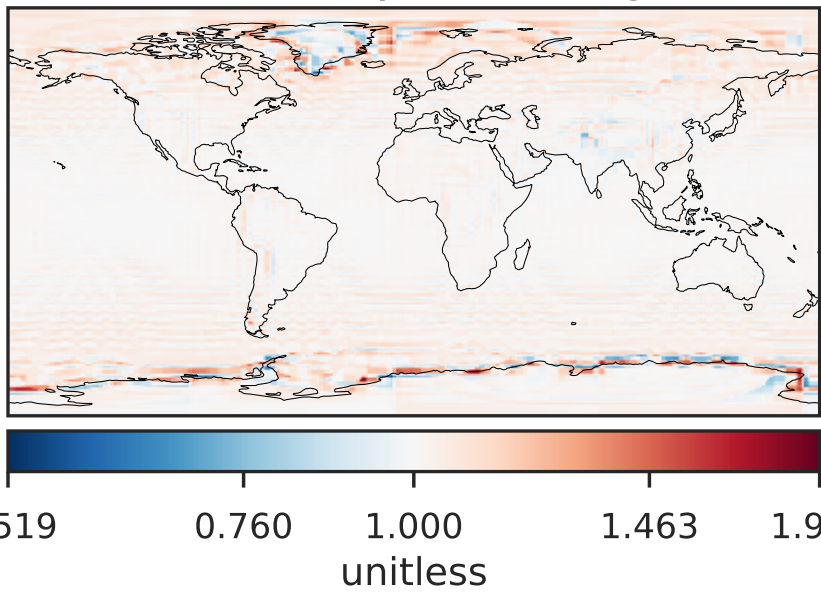
Difference (1x1.25)
Dev - Ref, Dynamic Range



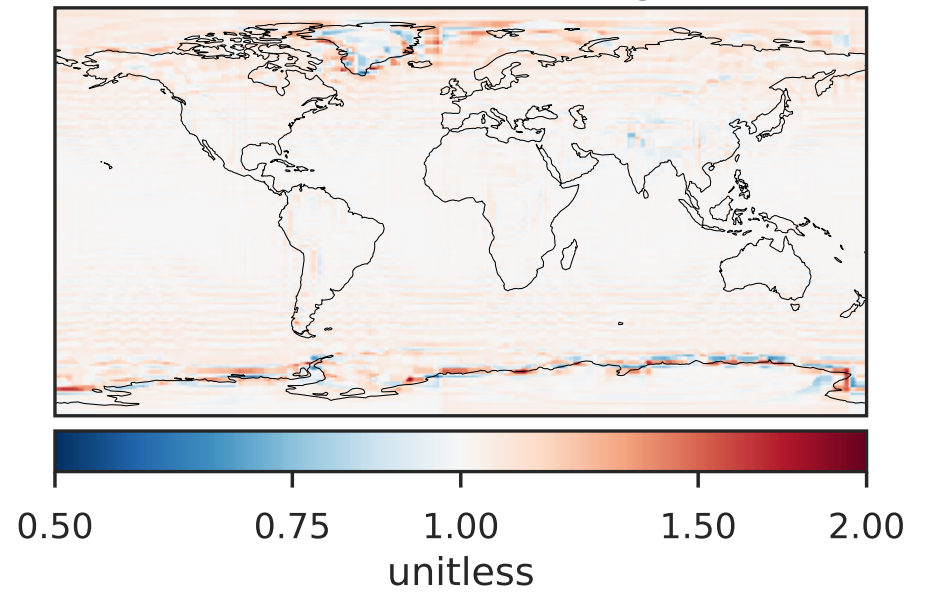
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

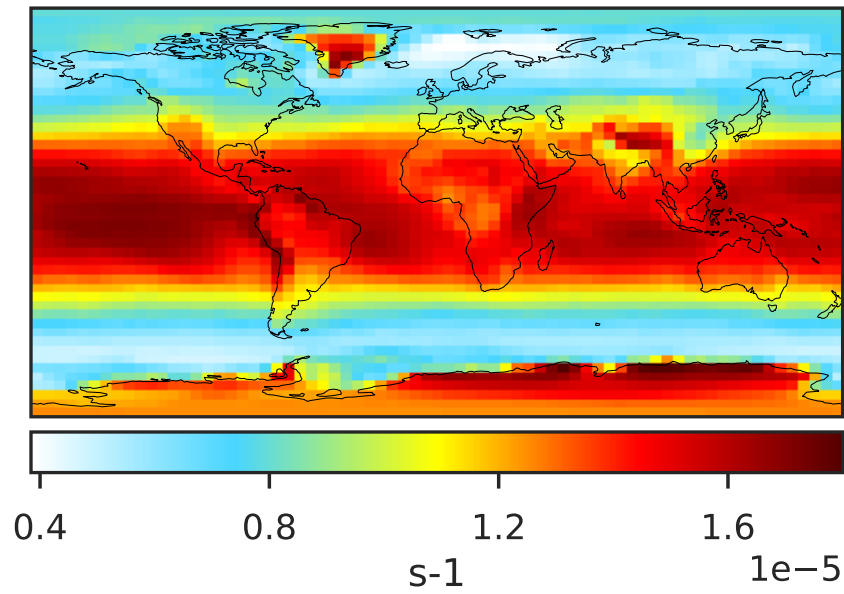


Ratio (1x1.25)
Dev/Ref, Fixed Range

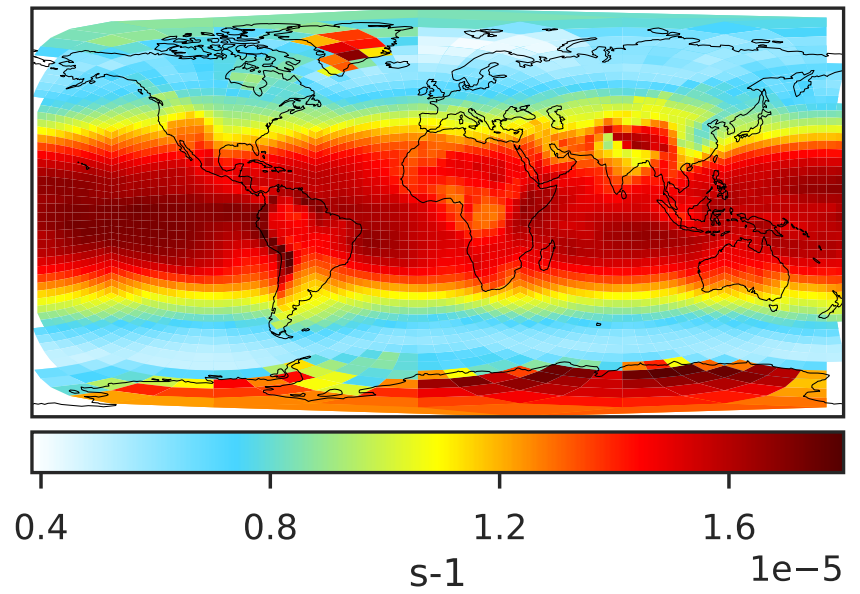


Jval_MACR100H (AnnualMean)

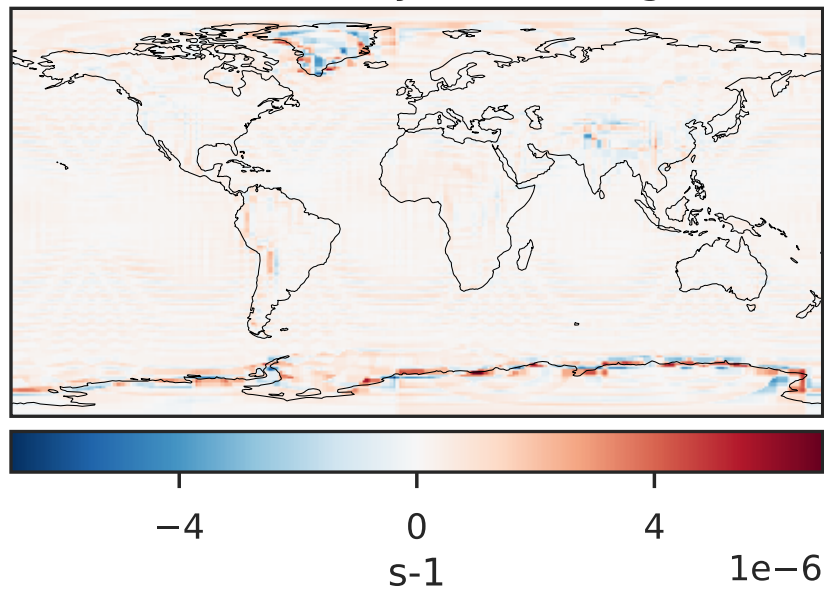
GCC_14.2.0 (Ref)
4.0x5.0



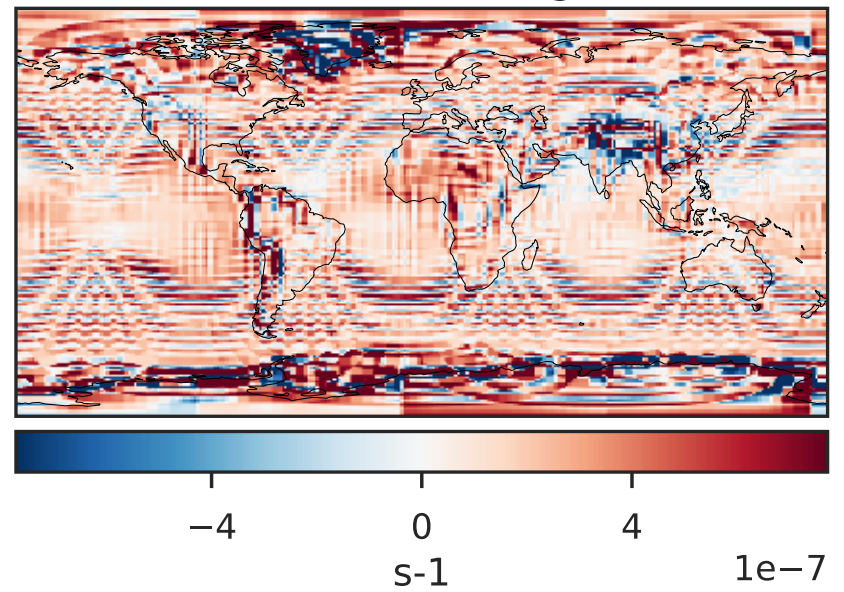
GCHP_14.2.0 (Dev)
c24



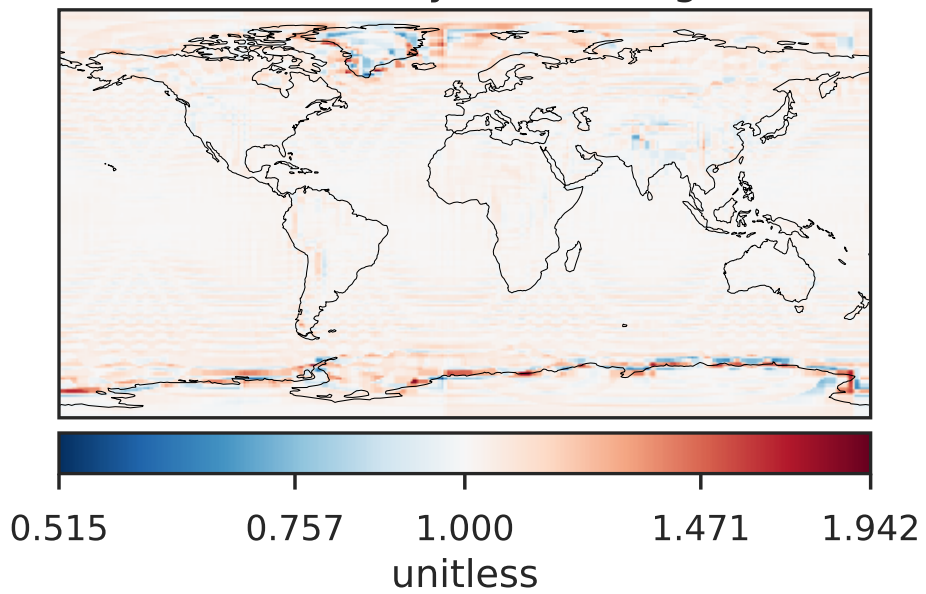
Difference (1x1.25)
Dev - Ref, Dynamic Range



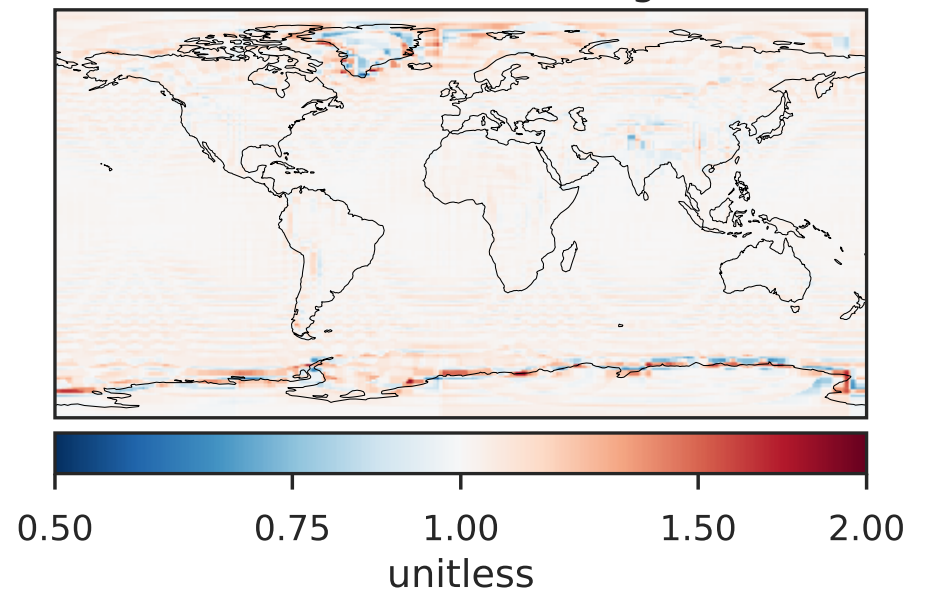
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

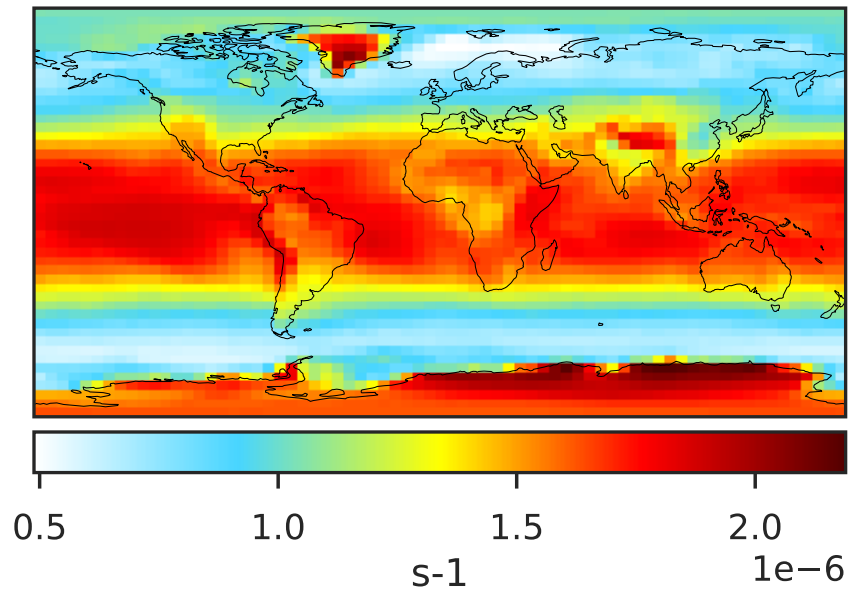


Ratio (1x1.25)
Dev/Ref, Fixed Range

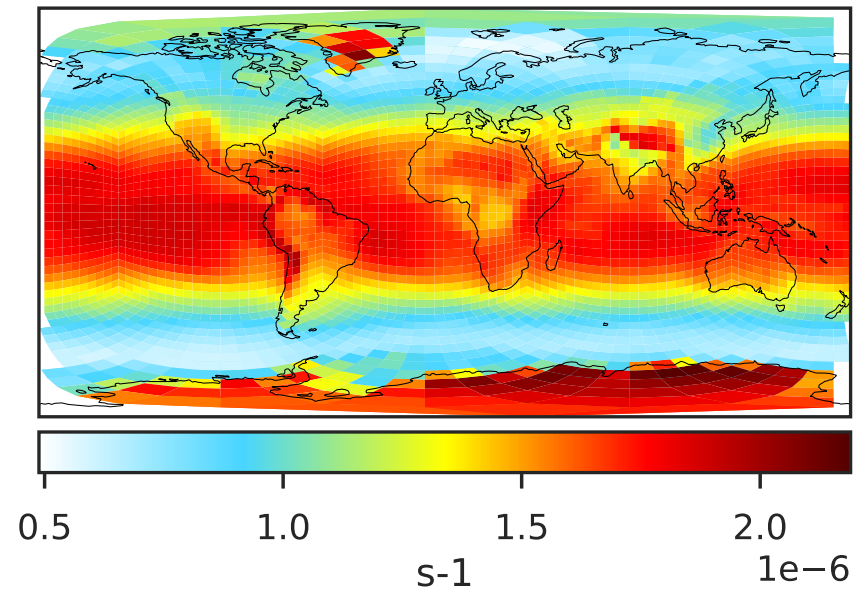


Jval_MAP (AnnualMean)

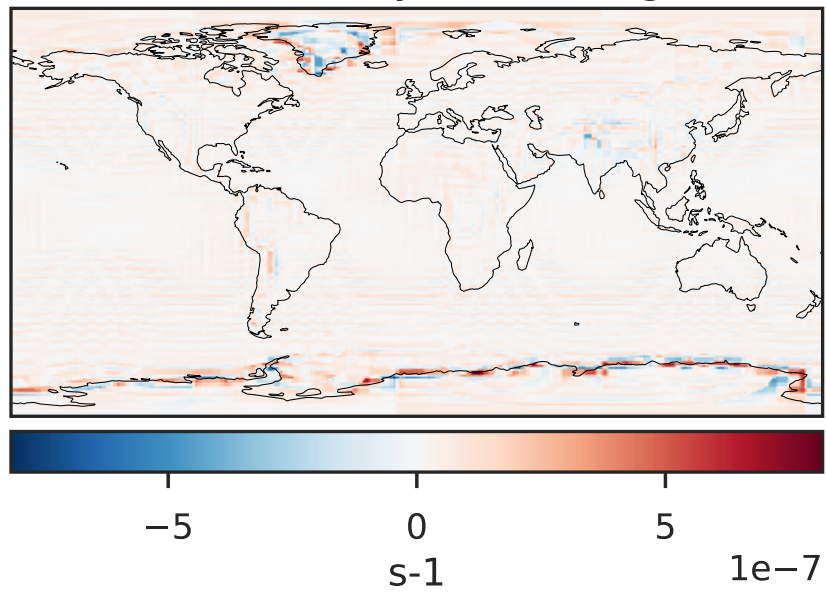
GCC_14.2.0 (Ref)
4.0x5.0



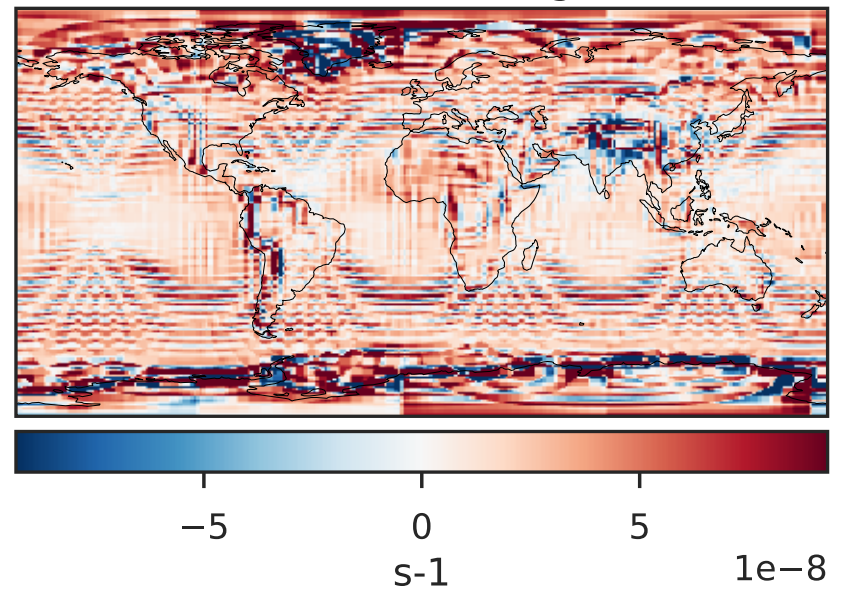
GCHP_14.2.0 (Dev)
c24



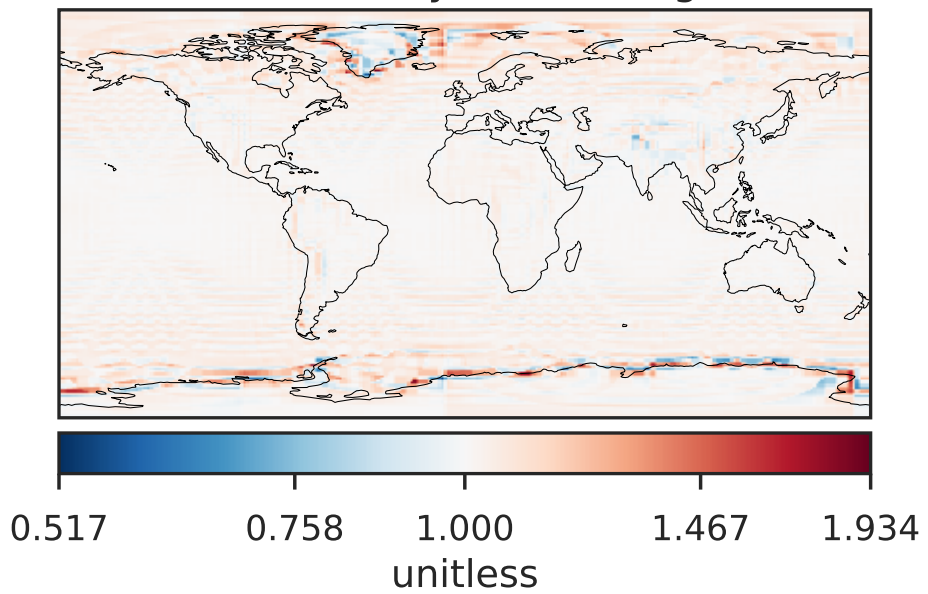
Difference (1x1.25)
Dev - Ref, Dynamic Range



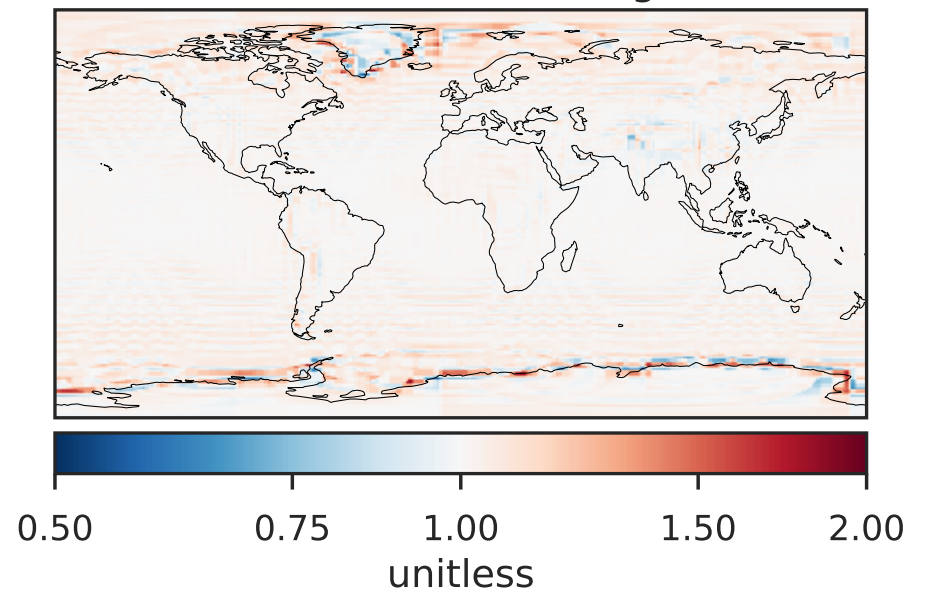
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

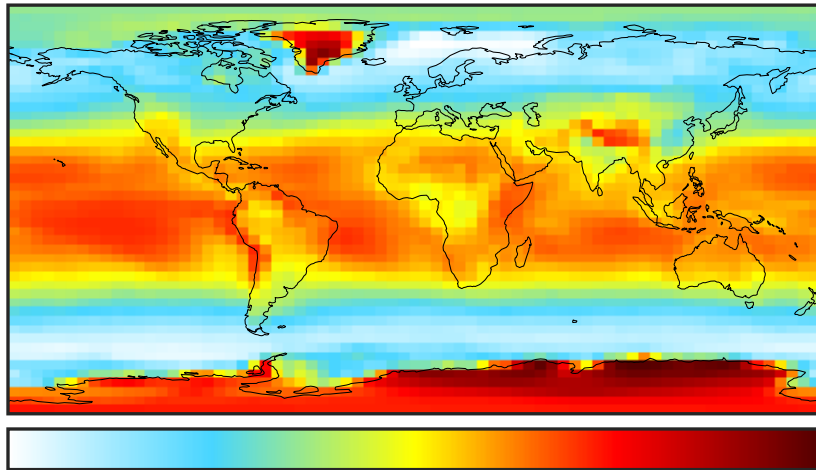


Ratio (1x1.25)
Dev/Ref, Fixed Range



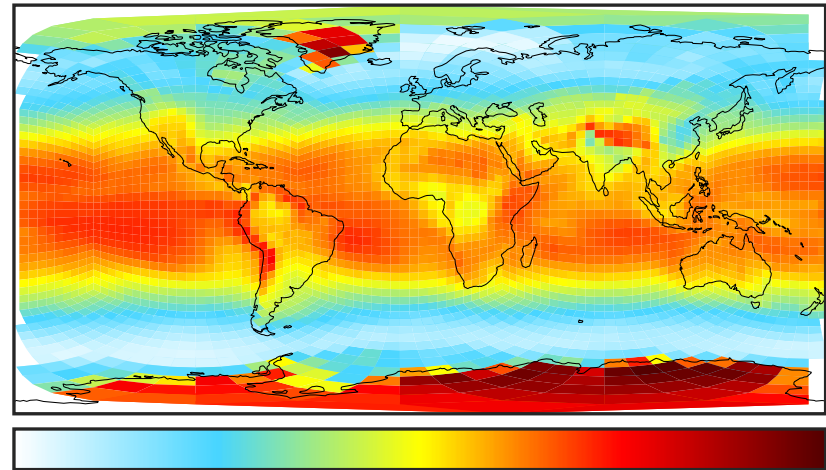
Jval_MCRENOL (AnnualMean)

GCC_14.2.0 (Ref)
4.0x5.0



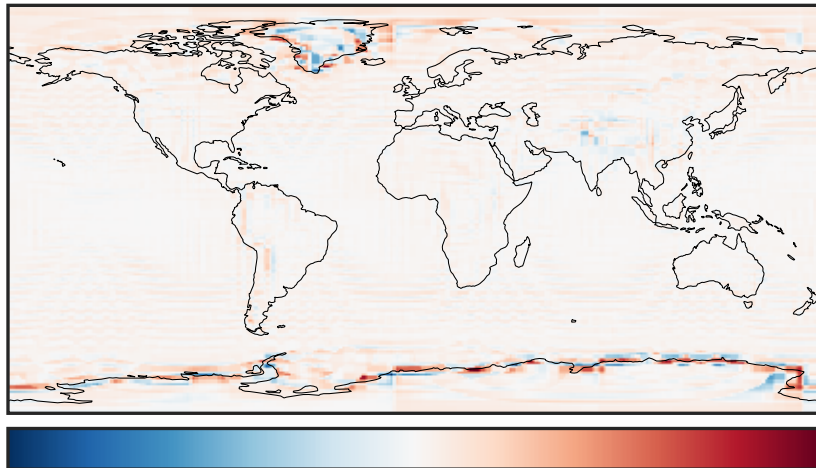
0.000050 0.000075 0.000100 0.000125
s-1

GCHP_14.2.0 (Dev)
c24



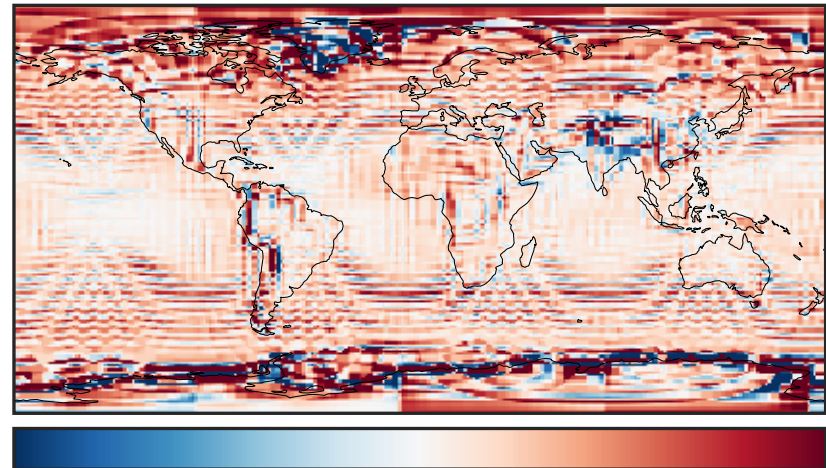
0.000050 0.000075 0.000100 0.000125
s-1

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



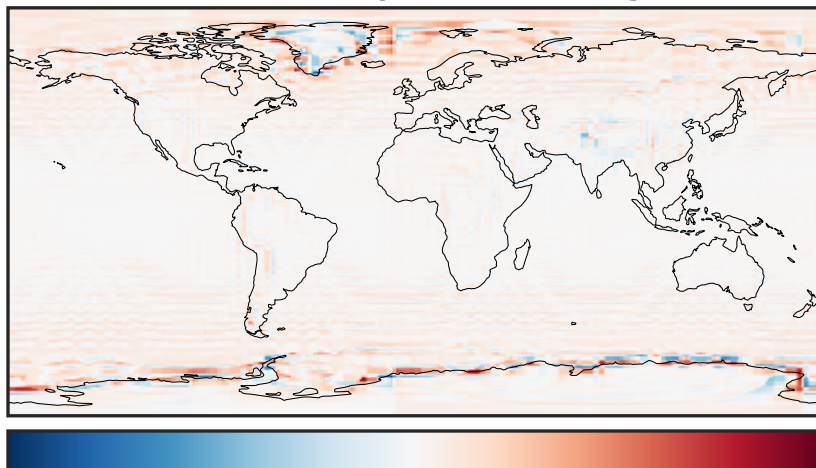
-2.5 0.0 2.5
s-1 1e-5

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



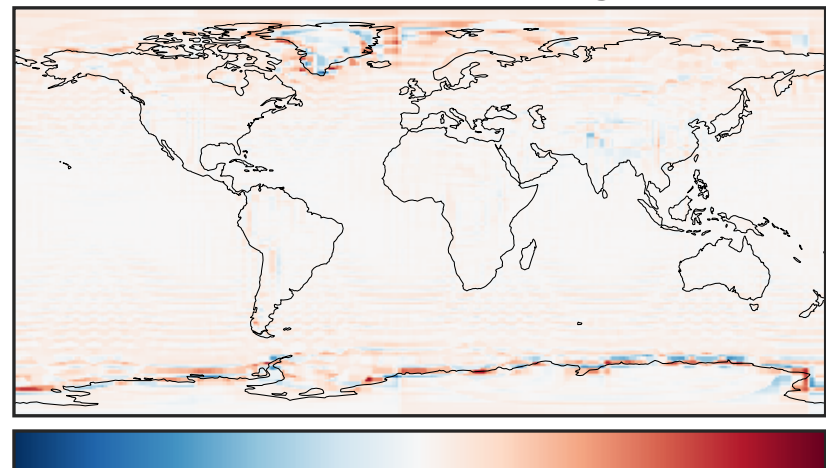
-3 0 3
s-1 1e-6

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



0.520 0.760 1.000 1.462 1.924
unitless

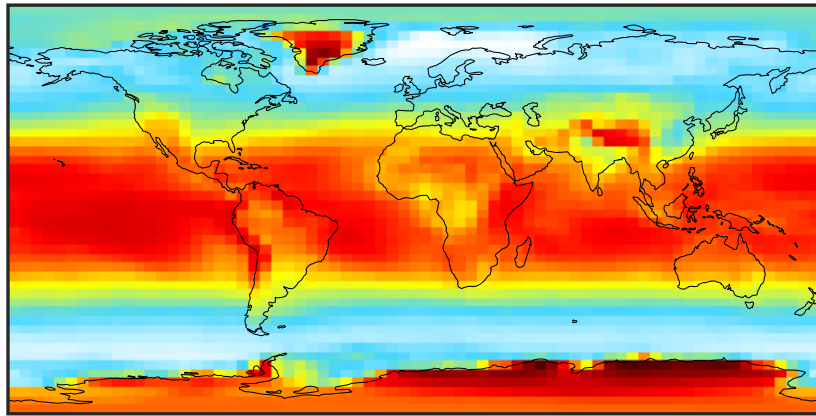
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

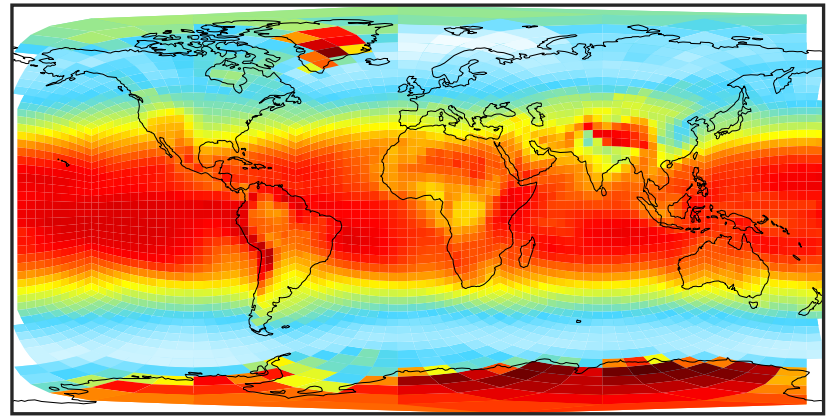
Jval_MCRHN (AnnualMean)

GCC_14.2.0 (Ref)
4.0x5.0



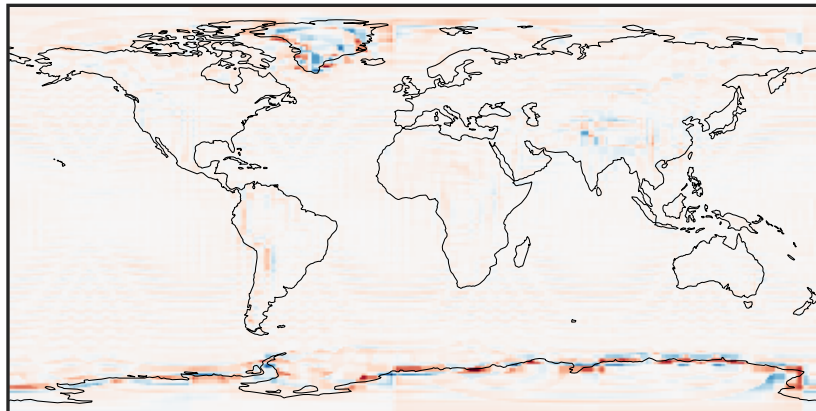
0.00003 0.00006 0.00009 0.00012
s-1

GCHP_14.2.0 (Dev)
c24



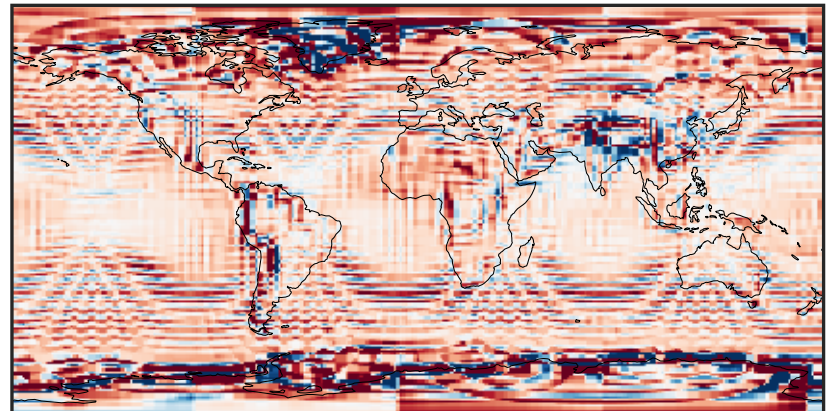
0.00003 0.00006 0.00009 0.00012
s-1

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



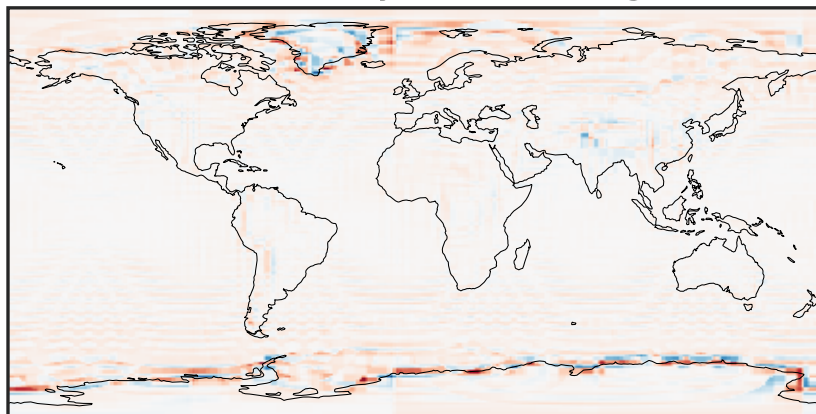
-2.5 0.0 2.5
s-1 1e-5

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



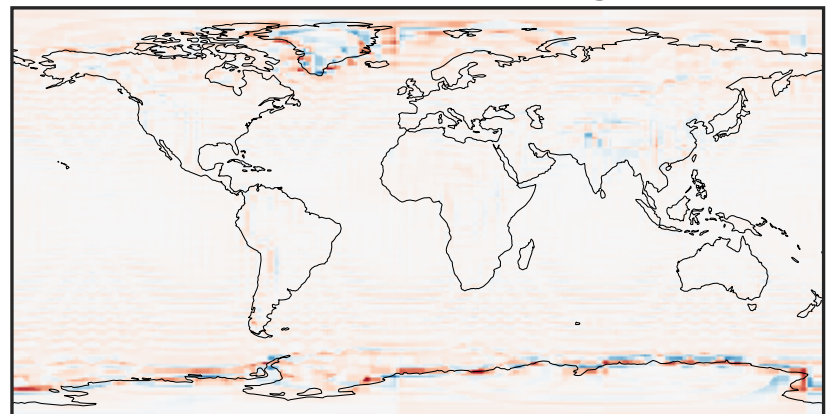
-3 0 3
s-1 1e-6

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



0.513 0.756 1.000 1.475 1.950
unitless

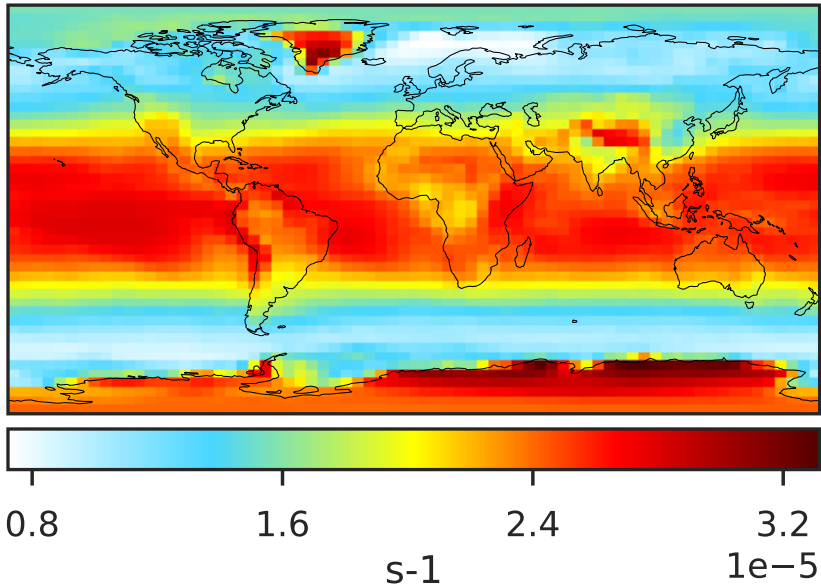
Ratio (1x1.25)
Dev/Ref, Fixed Range



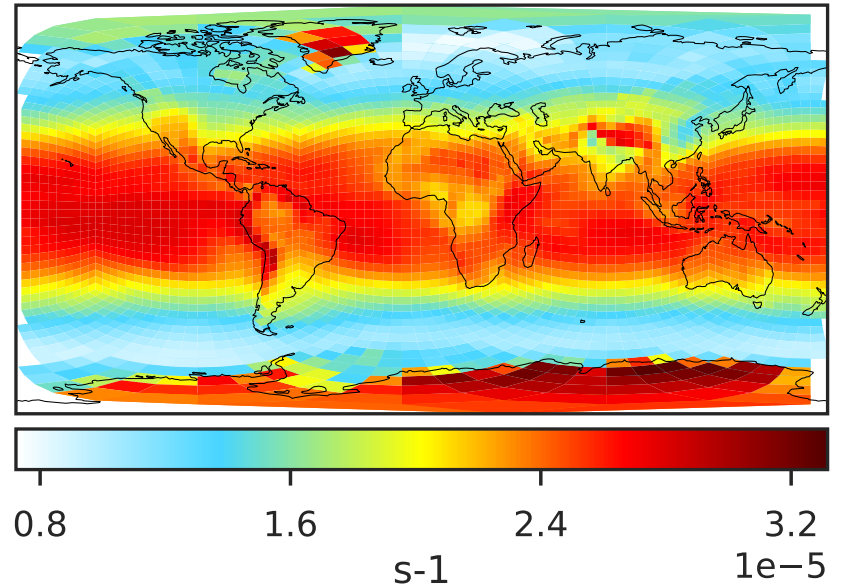
0.50 0.75 1.00 1.50 2.00
unitless

Jval_MCRHNB (AnnualMean)

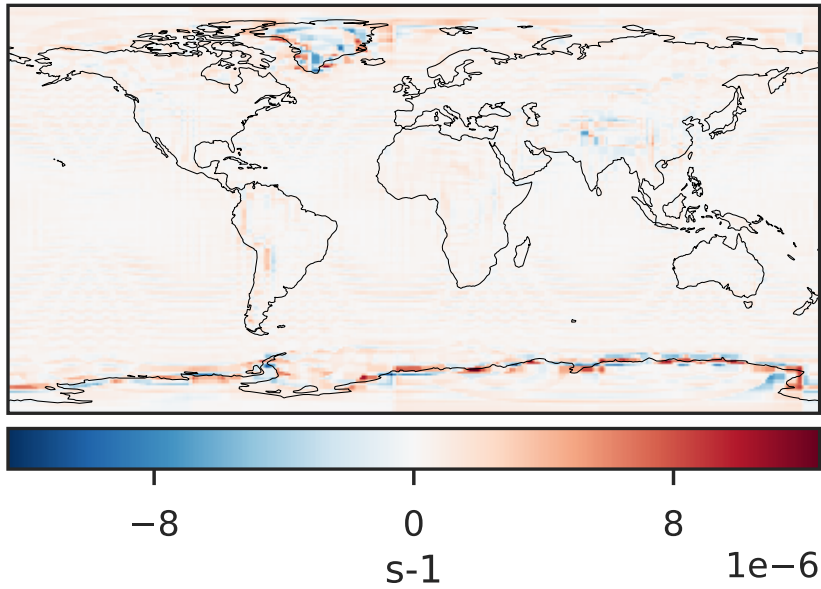
GCC_14.2.0 (Ref)
4.0x5.0



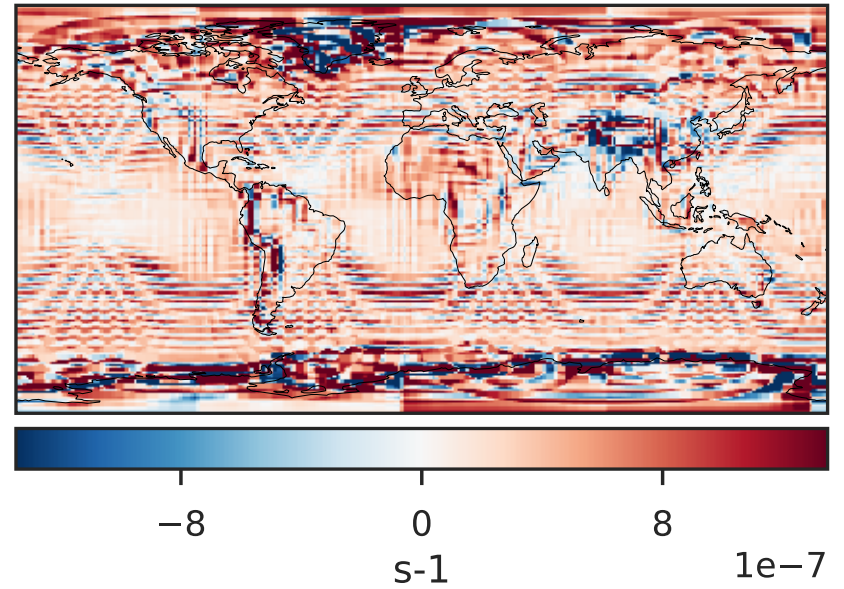
GCHP_14.2.0 (Dev)
c24



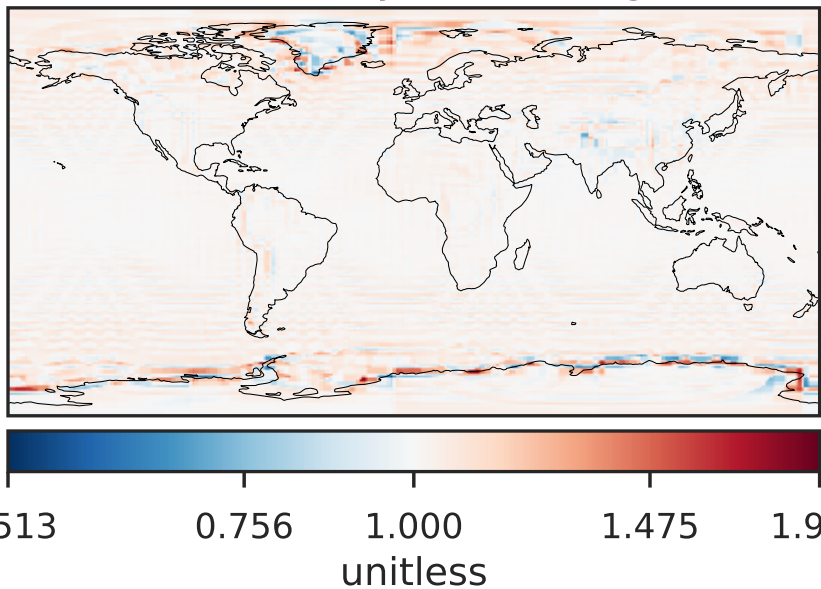
Difference (1x1.25)
Dev - Ref, Dynamic Range



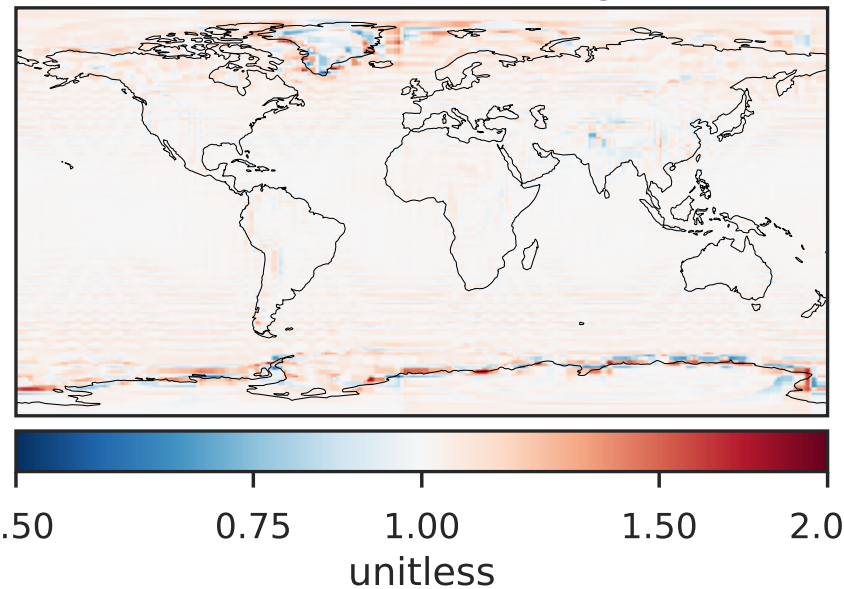
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

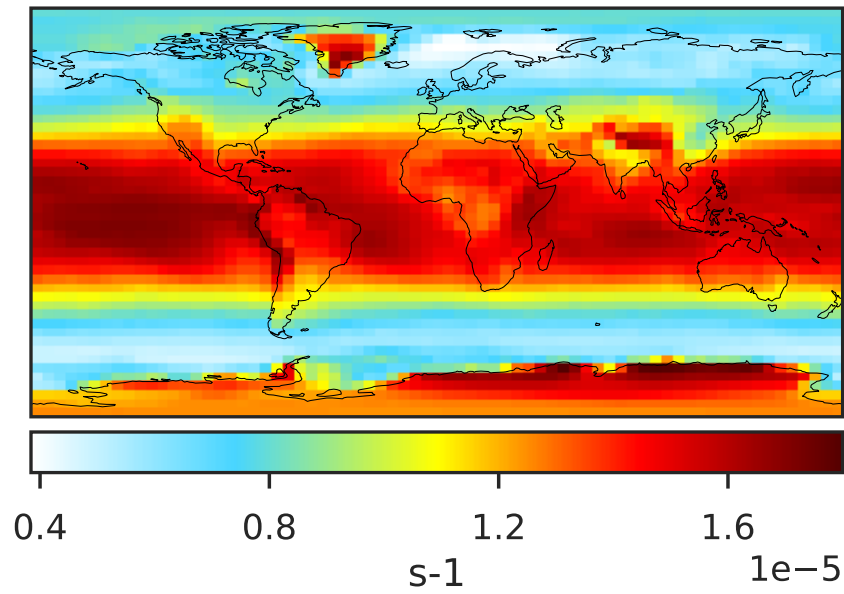


Ratio (1x1.25)
Dev/Ref, Fixed Range

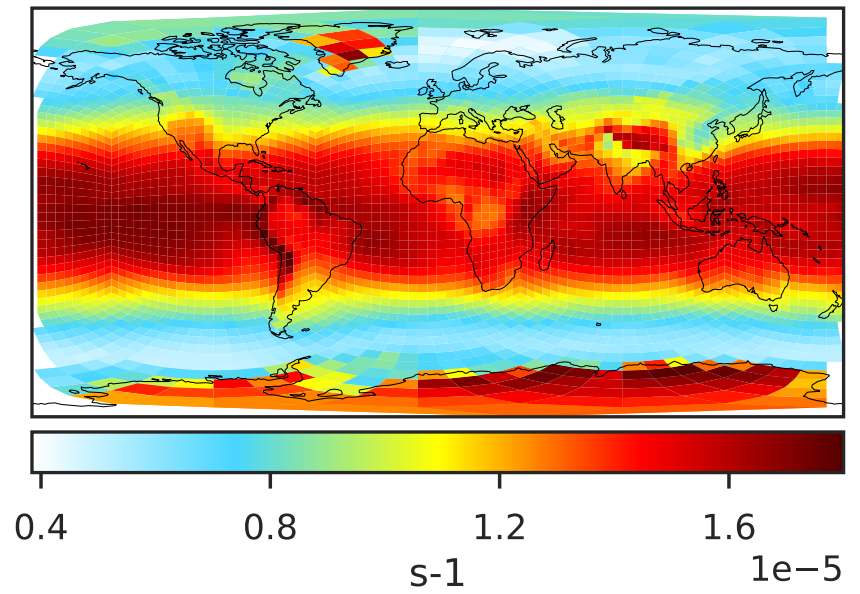


Jval_MCRHP (AnnualMean)

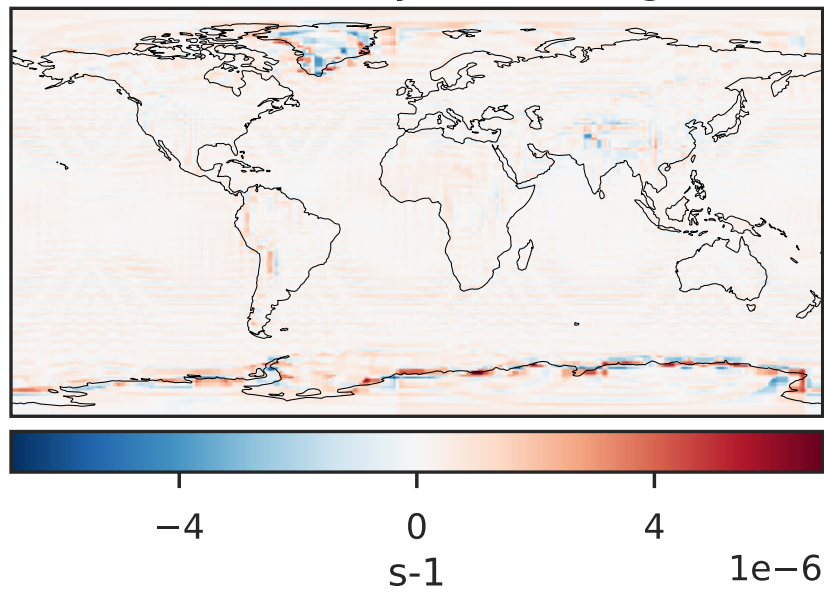
GCC_14.2.0 (Ref)
4.0x5.0



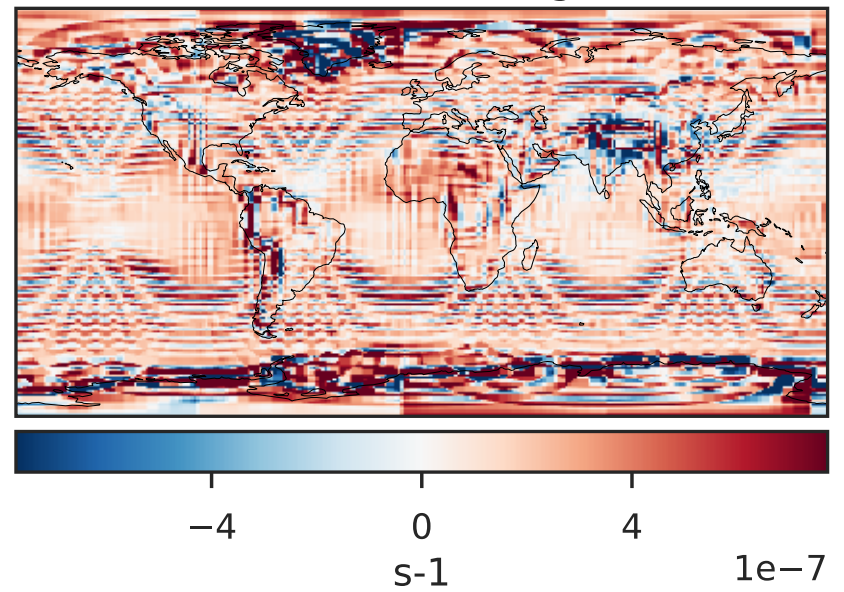
GCHP_14.2.0 (Dev)
c24



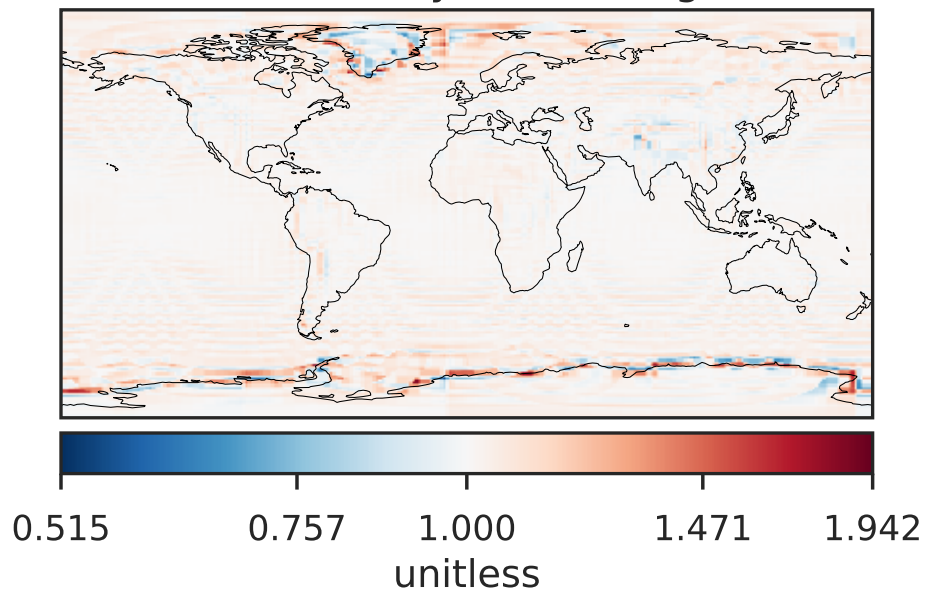
Difference (1x1.25)
Dev - Ref, Dynamic Range



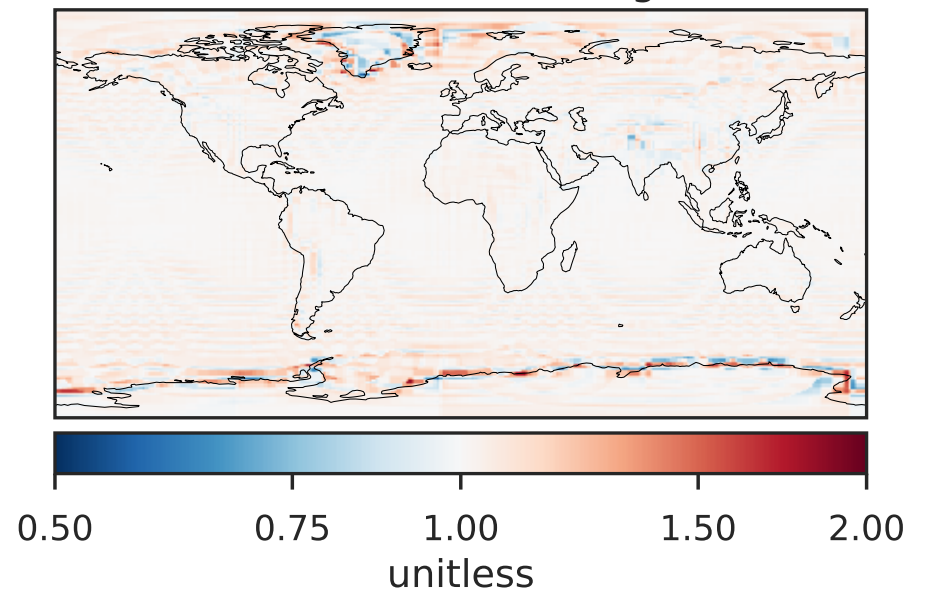
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

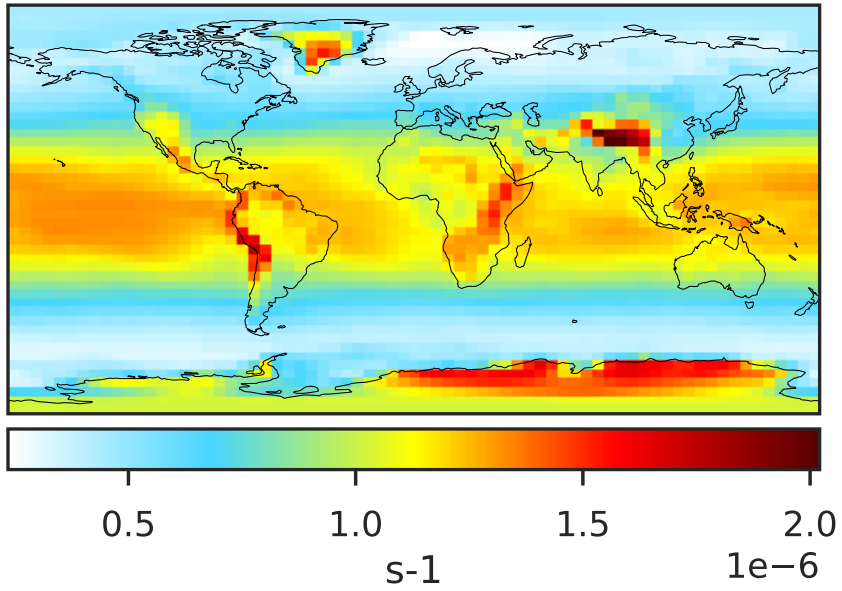


Ratio (1x1.25)
Dev/Ref, Fixed Range

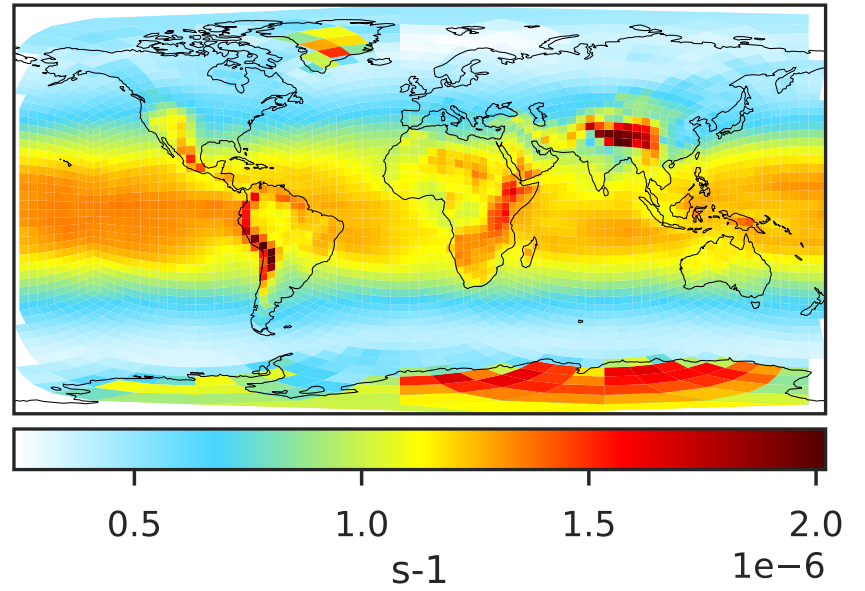


Jval_MEK (AnnualMean)

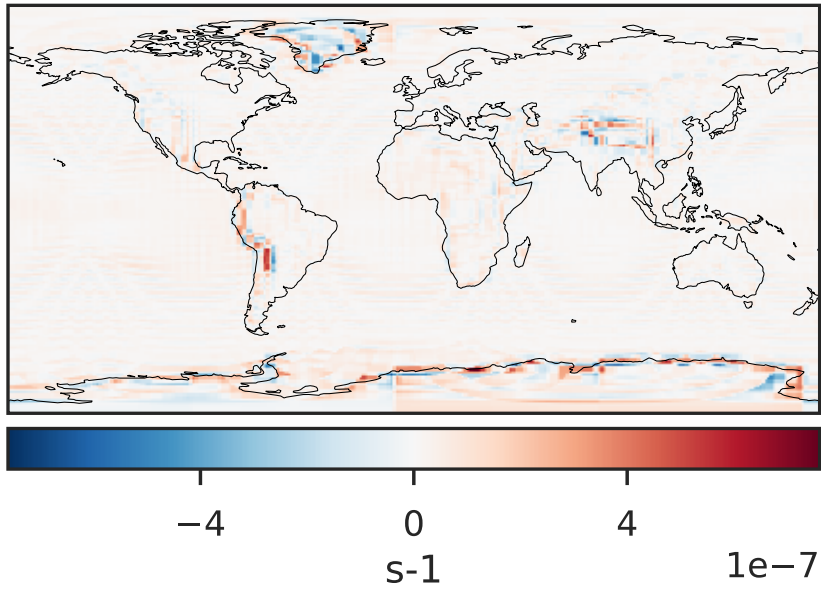
GCC_14.2.0 (Ref)
4.0x5.0



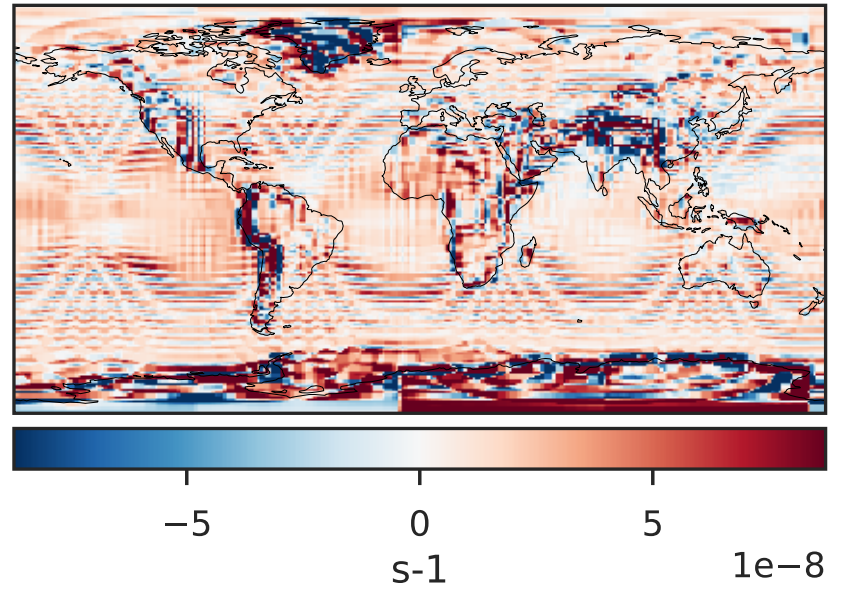
GCHP_14.2.0 (Dev)
c24



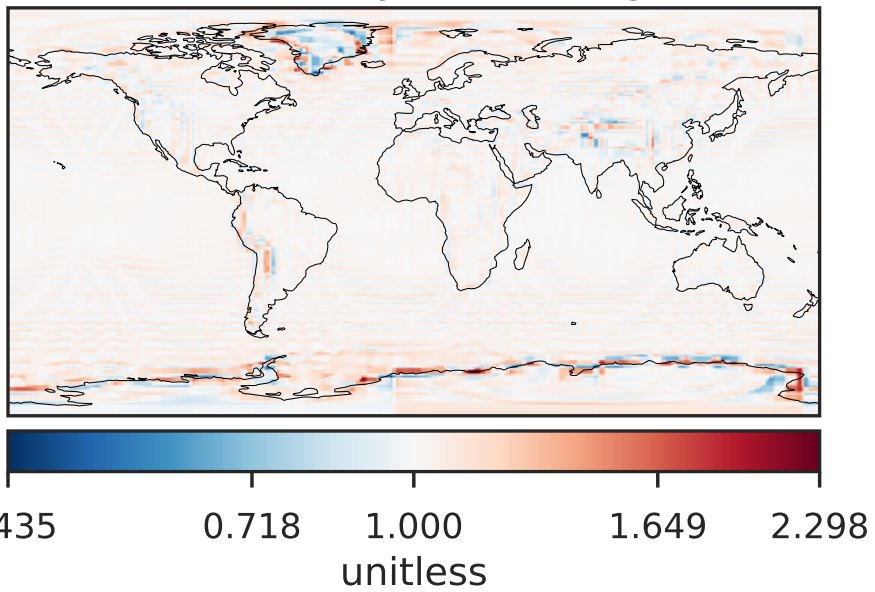
Difference (1x1.25)
Dev - Ref, Dynamic Range



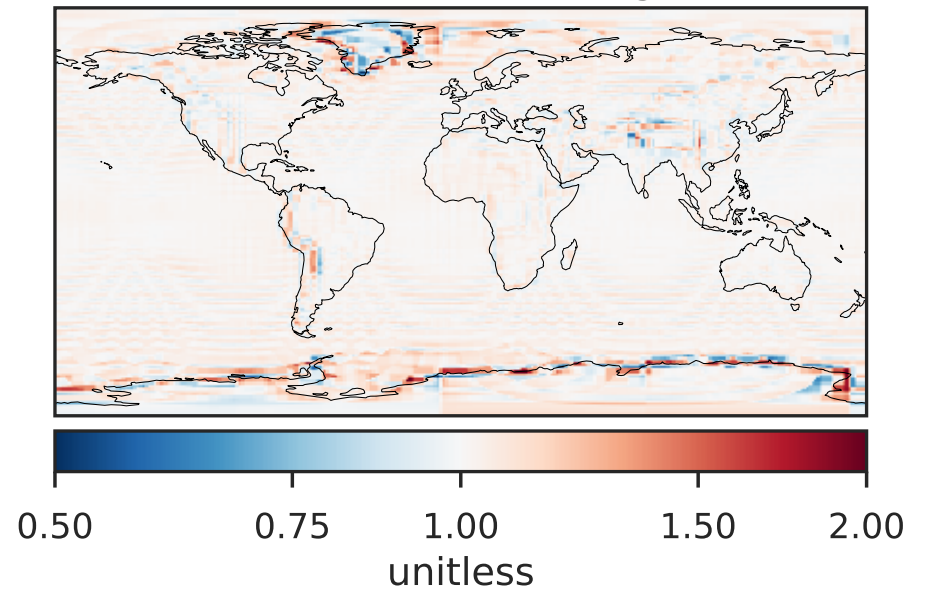
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

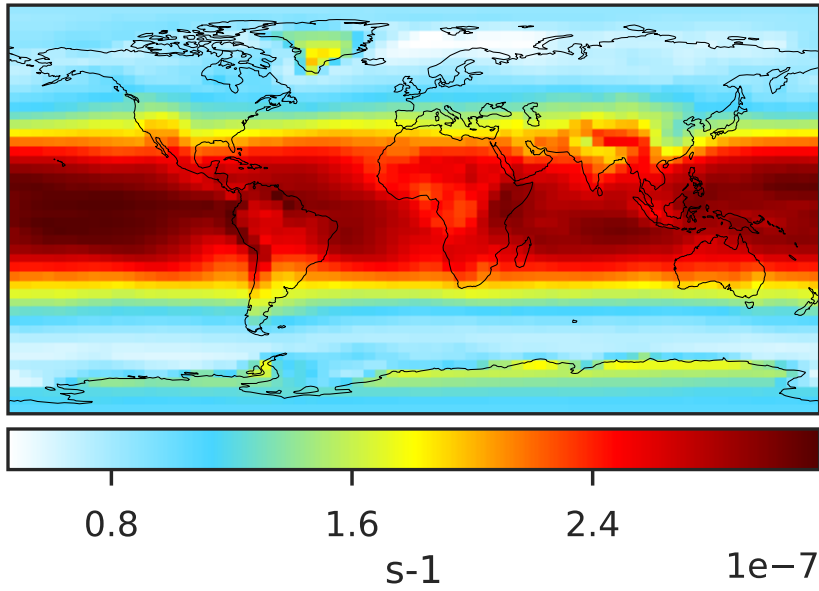


Ratio (1x1.25)
Dev/Ref, Fixed Range

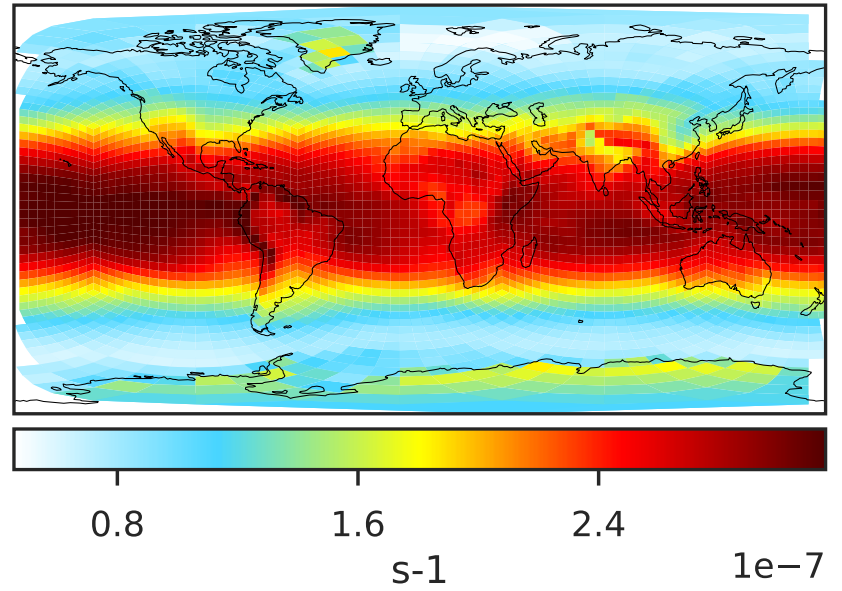


Jval_MENO3 (AnnualMean)

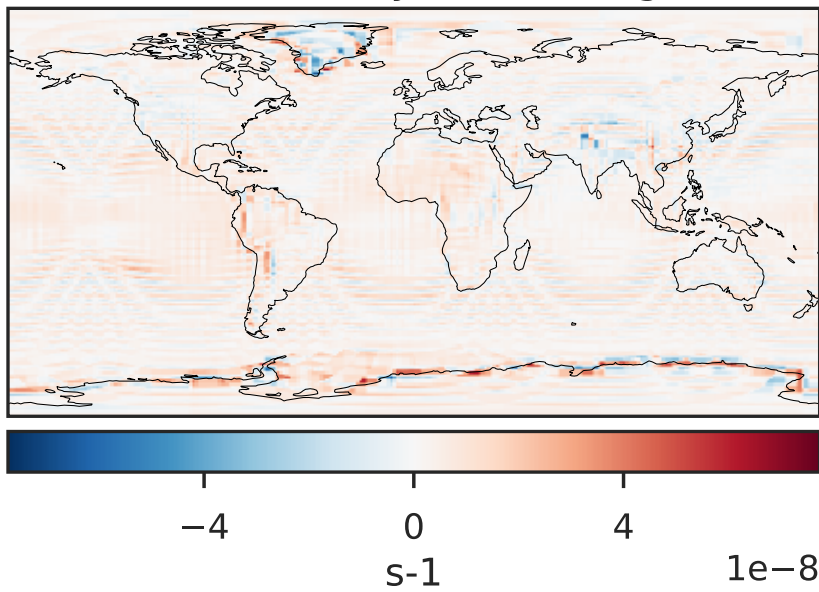
GCC_14.2.0 (Ref)
4.0x5.0



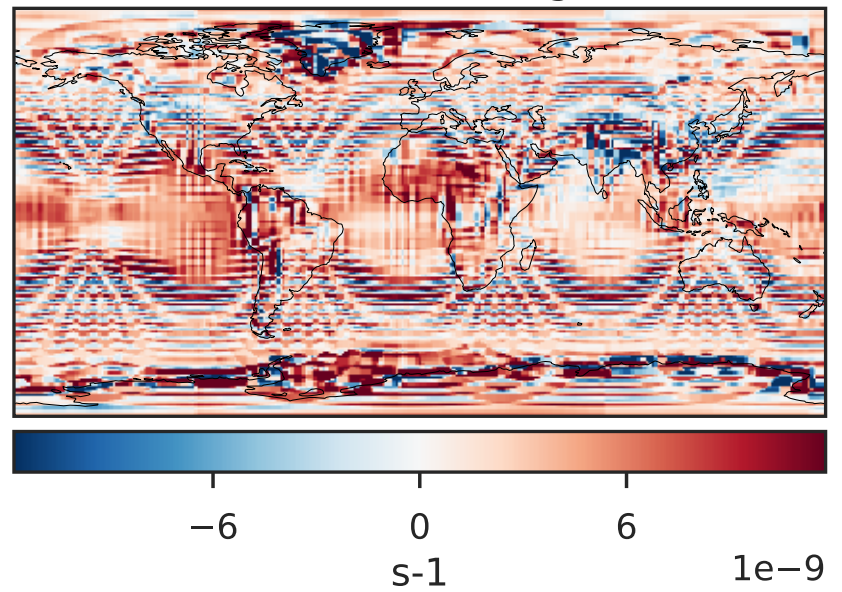
GCHP_14.2.0 (Dev)
c24



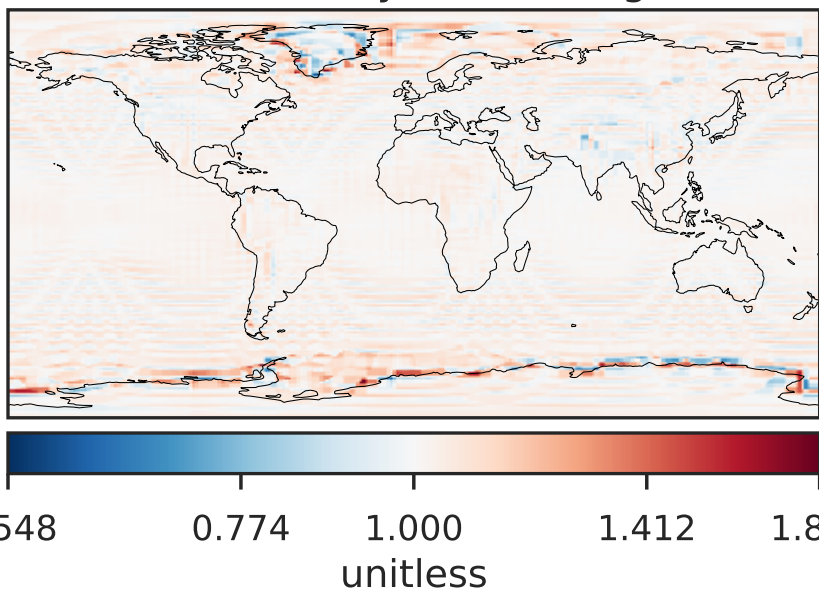
Difference (1x1.25)
Dev - Ref, Dynamic Range



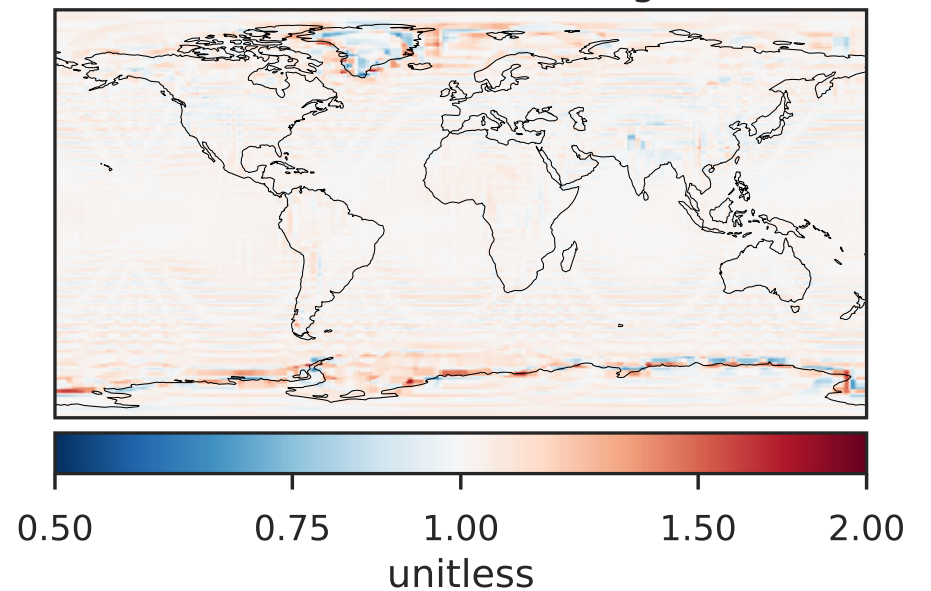
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

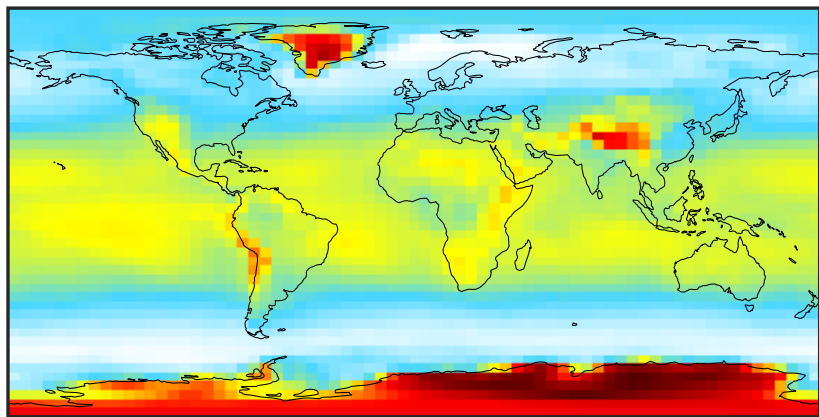


Ratio (1x1.25)
Dev/Ref, Fixed Range



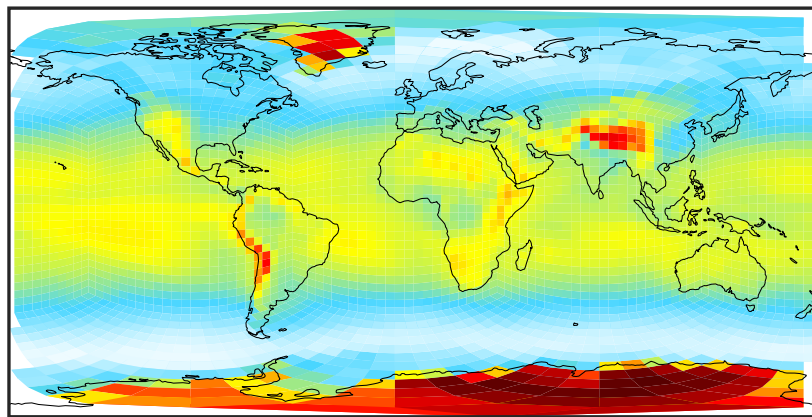
Jval_MGLY (AnnualMean)

GCC_14.2.0 (Ref)
4.0x5.0



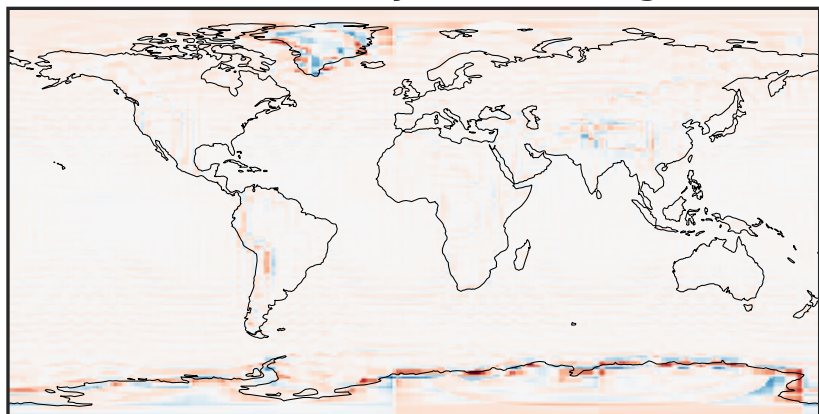
0.000025 0.000050 0.000075 0.000100
s-1

GCHP_14.2.0 (Dev)
c24



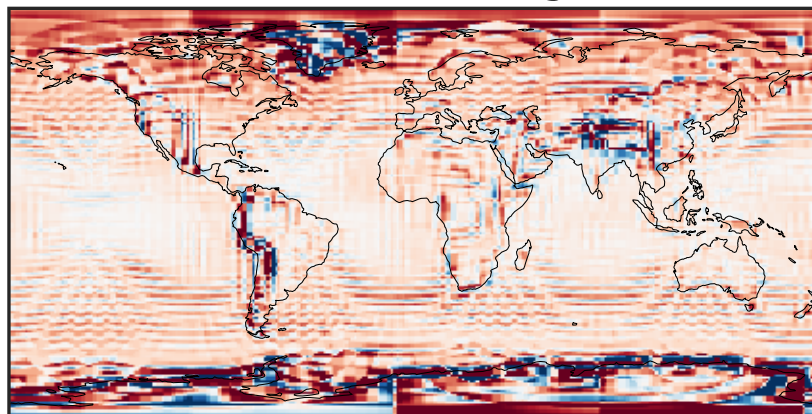
0.000025 0.000050 0.000075 0.000100
s-1

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



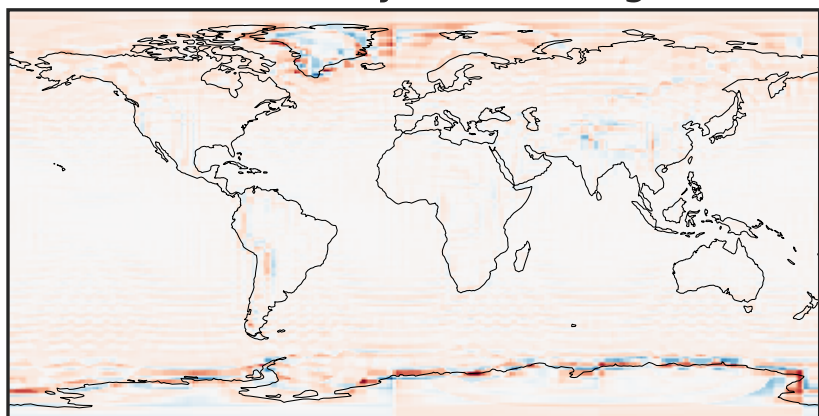
-2.5 0.0 2.5
s-1 1e-5

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



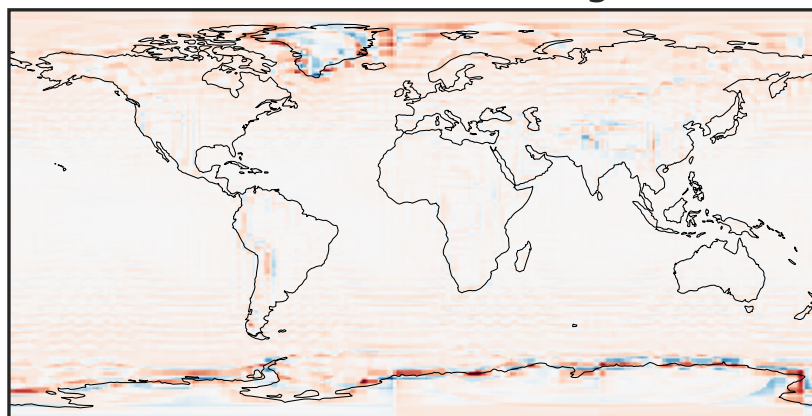
-3 0 3
s-1 1e-6

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



0.478 0.739 1.000 1.546 2.092
unitless

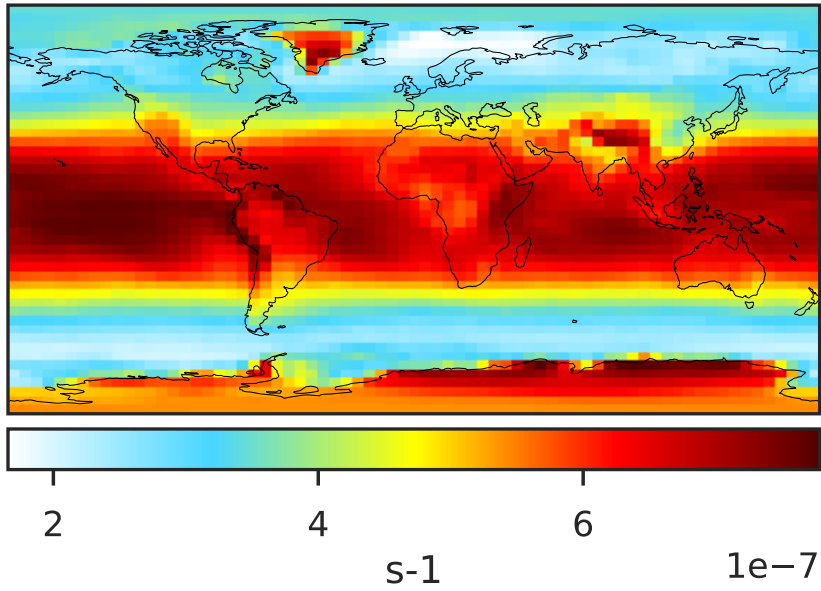
Ratio (1x1.25)
Dev/Ref, Fixed Range



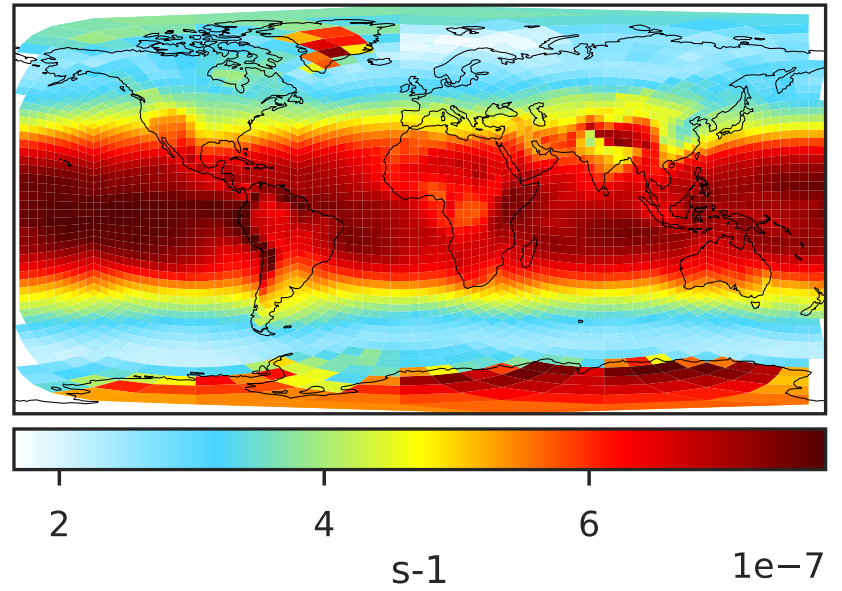
0.50 0.75 1.00 1.50 2.00
unitless

Jval_MONITS (AnnualMean)

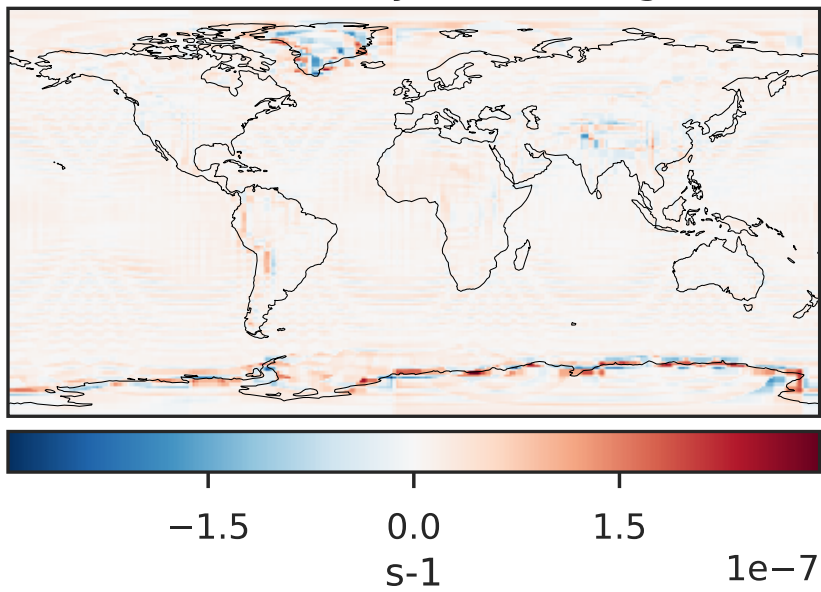
GCC_14.2.0 (Ref)
4.0x5.0



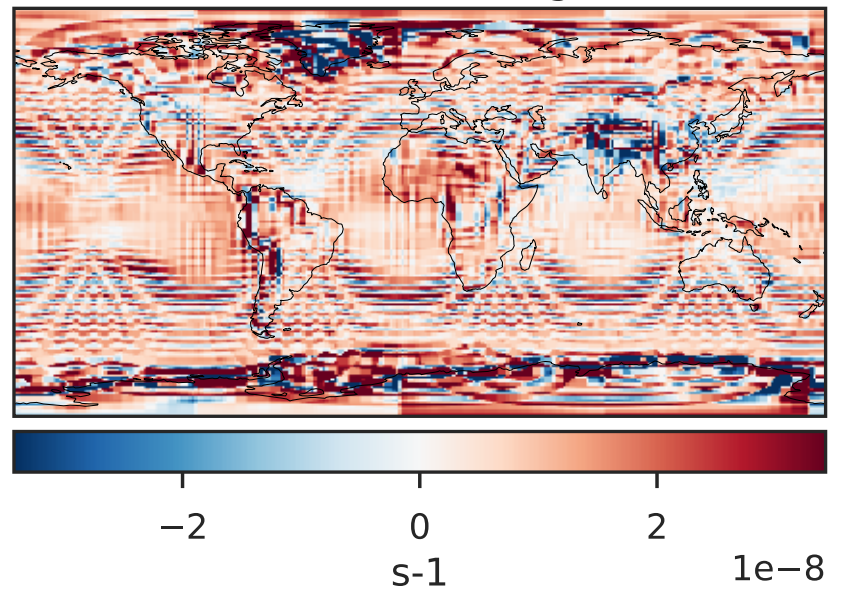
GCHP_14.2.0 (Dev)
c24



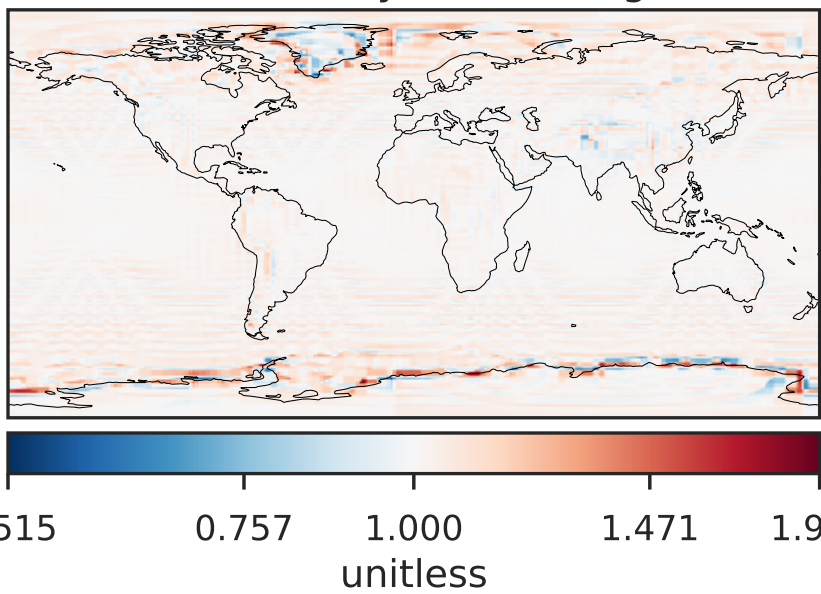
Difference (1x1.25)
Dev - Ref, Dynamic Range



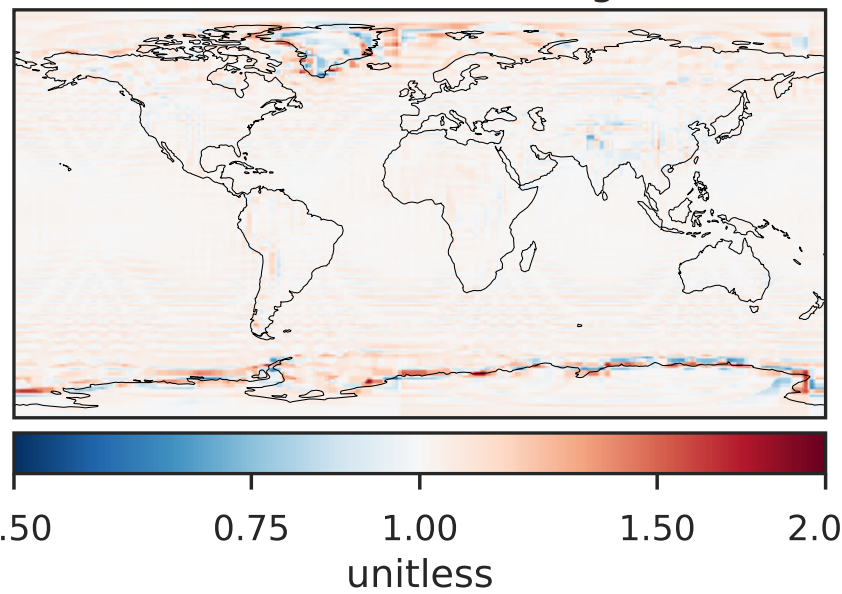
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

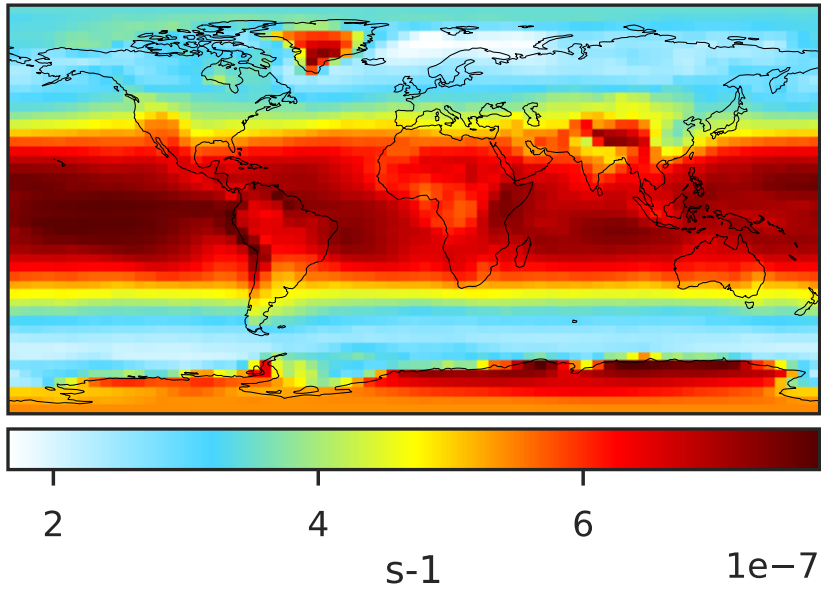


Ratio (1x1.25)
Dev/Ref, Fixed Range

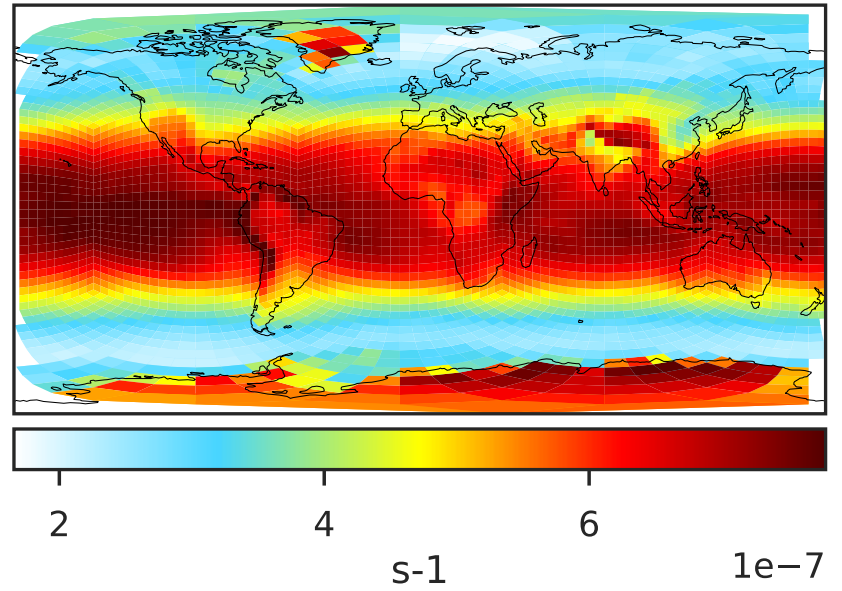


Jval_MONITU (AnnualMean)

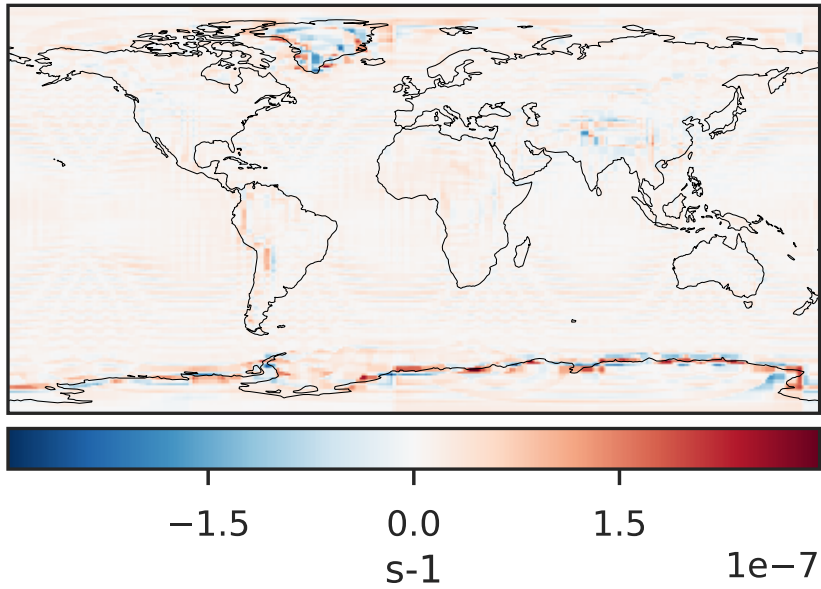
GCC_14.2.0 (Ref)
4.0x5.0



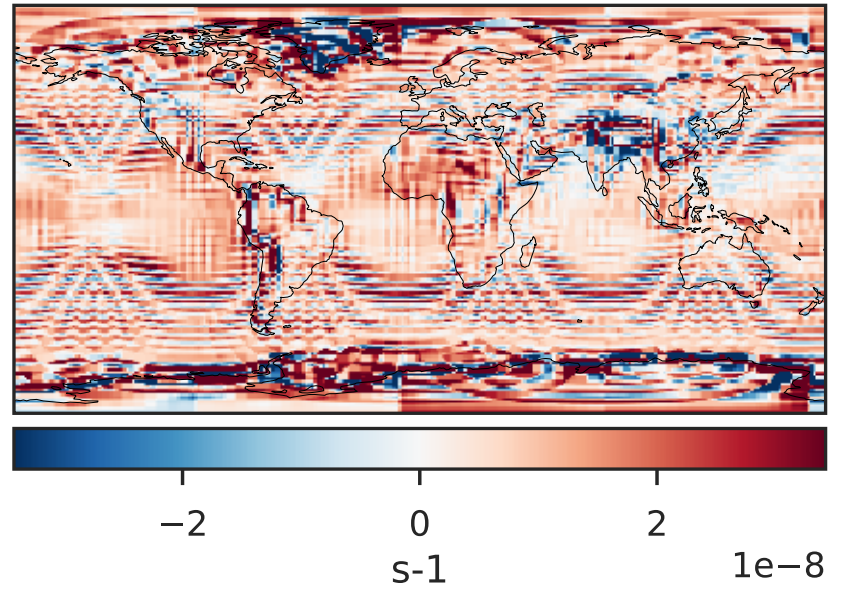
GCHP_14.2.0 (Dev)
c24



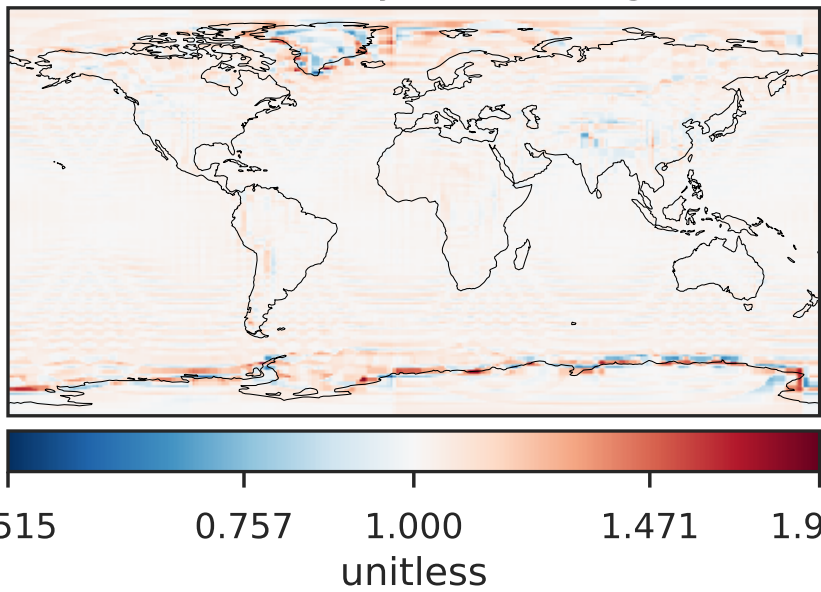
Difference (1x1.25)
Dev - Ref, Dynamic Range



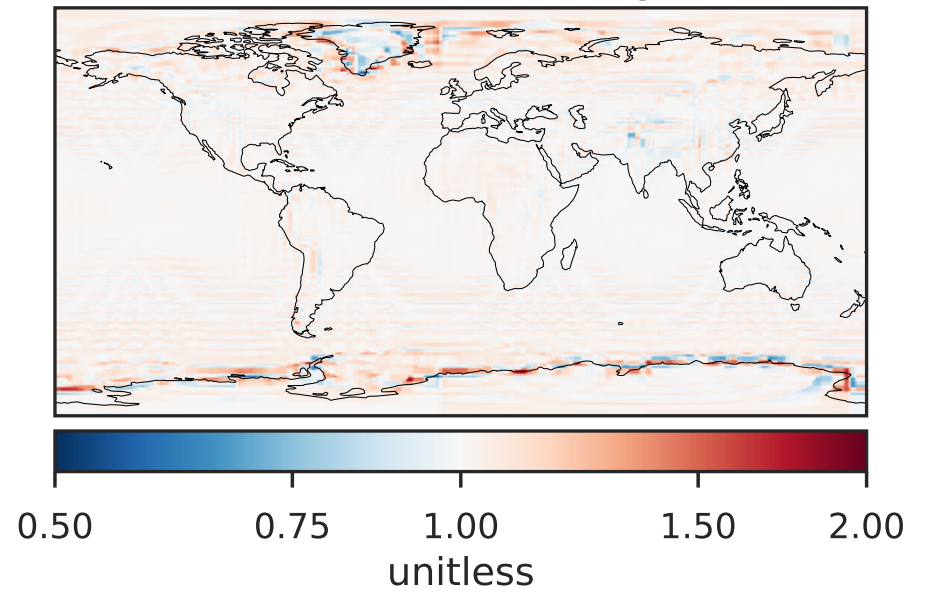
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

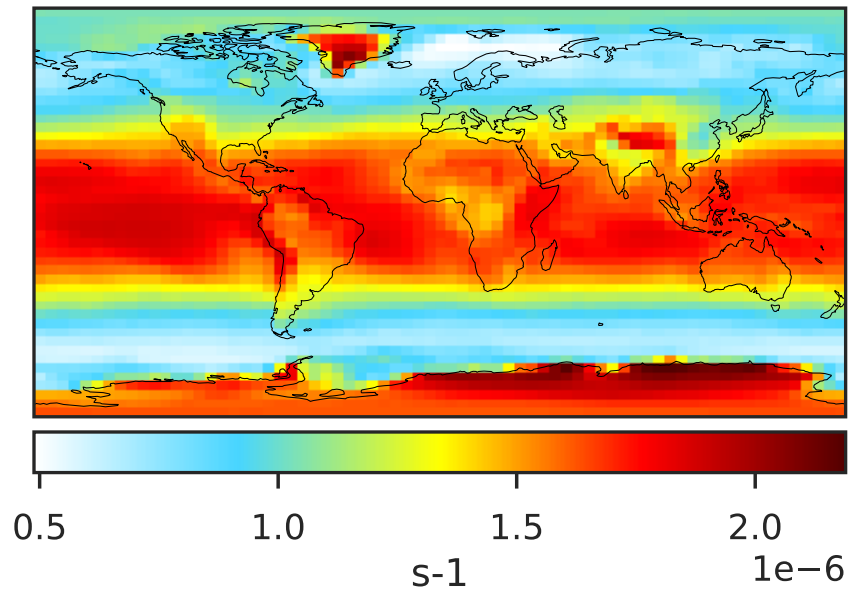


Ratio (1x1.25)
Dev/Ref, Fixed Range

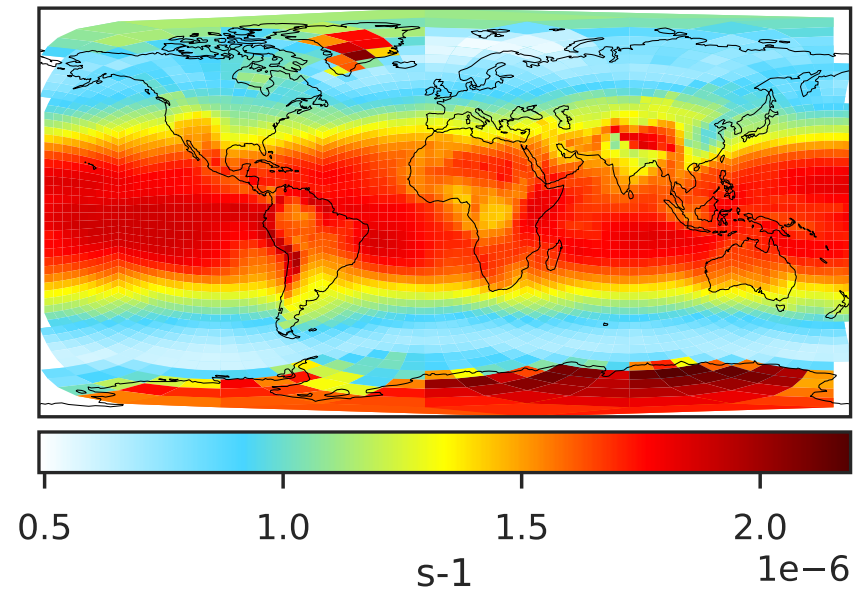


Jval_MP (AnnualMean)

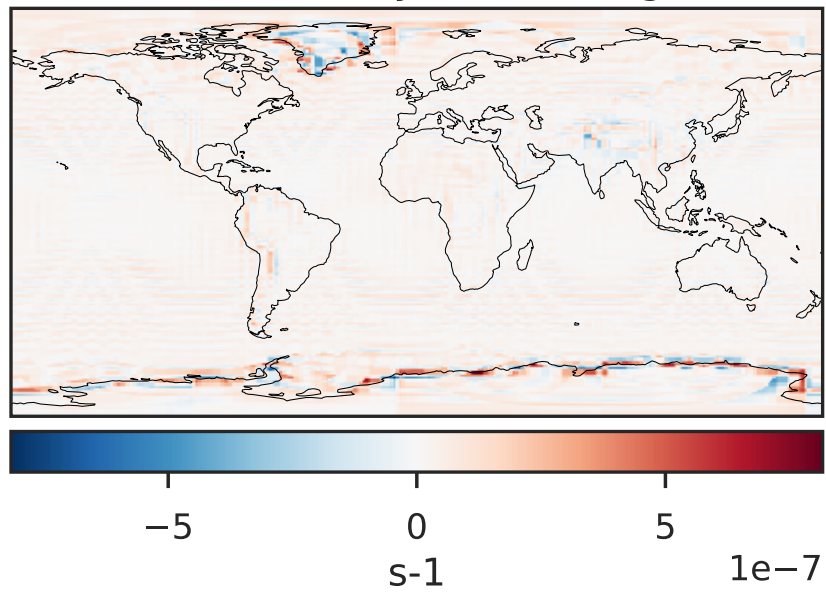
GCC_14.2.0 (Ref)
4.0x5.0



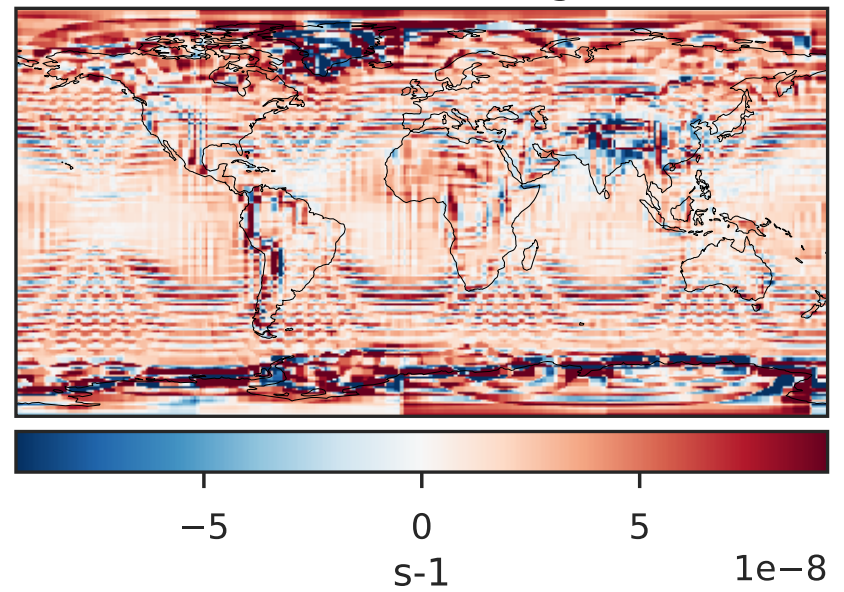
GCHP_14.2.0 (Dev)
c24



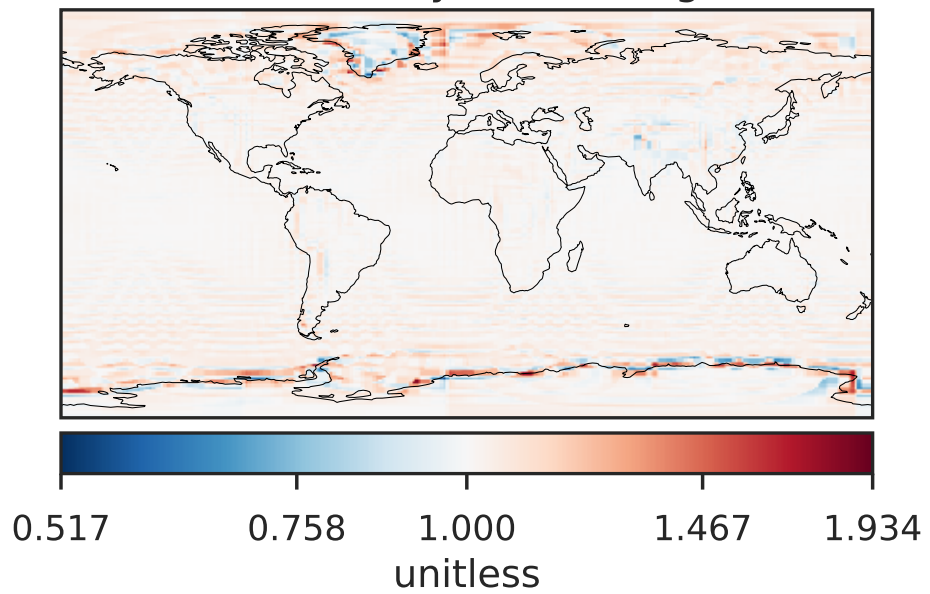
Difference (1x1.25)
Dev - Ref, Dynamic Range



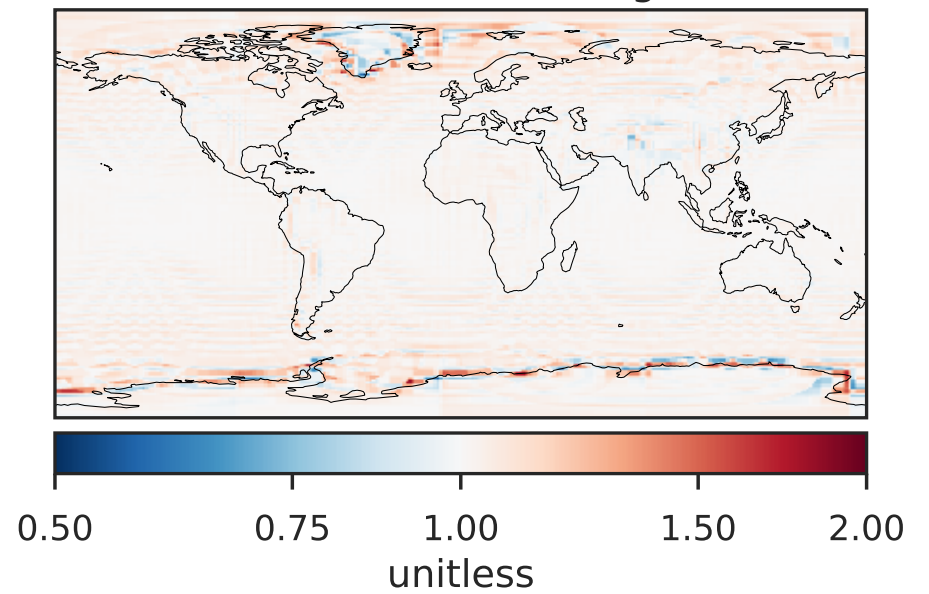
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

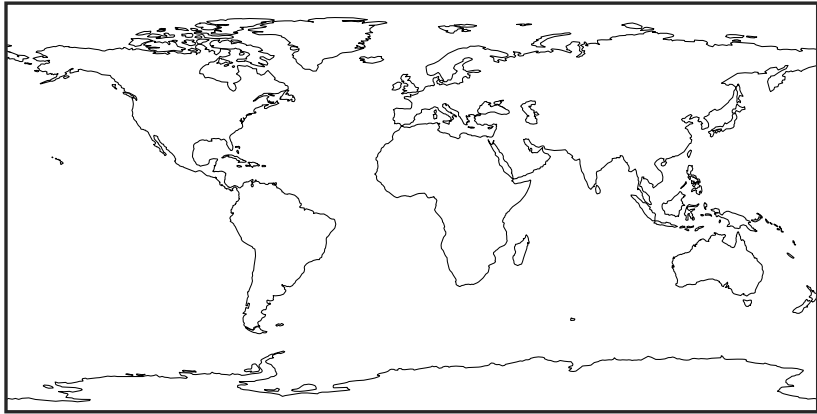


Ratio (1x1.25)
Dev/Ref, Fixed Range



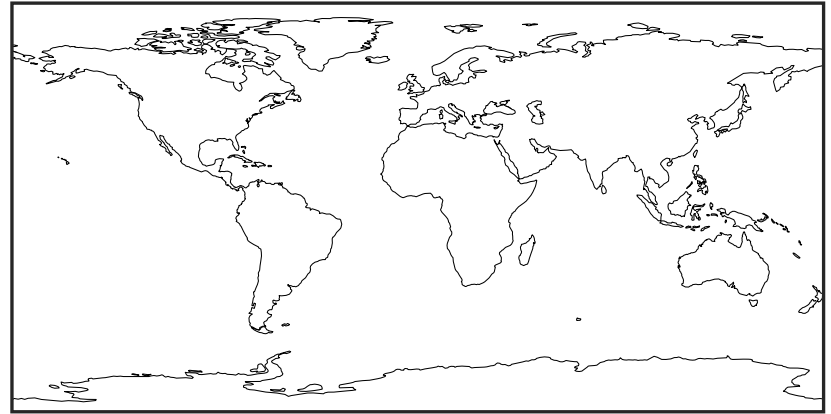
Jval_MPAN (AnnualMean)

GCC_14.2.0 (Ref)
4.0x5.0



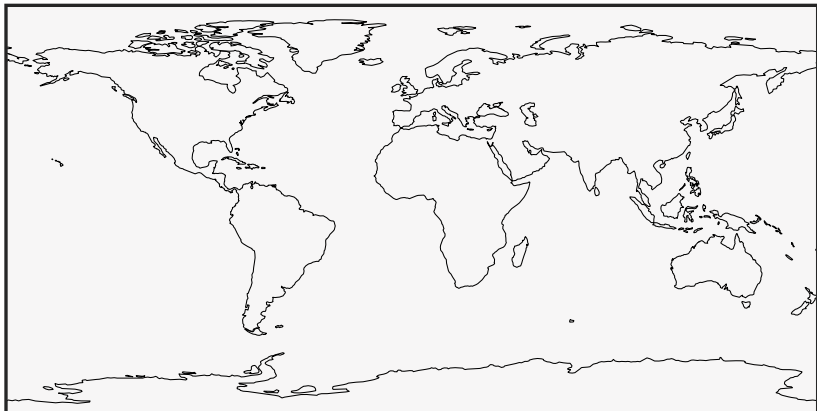
Zero throughput domain
s-1

GCHP_14.2.0 (Dev)
c24



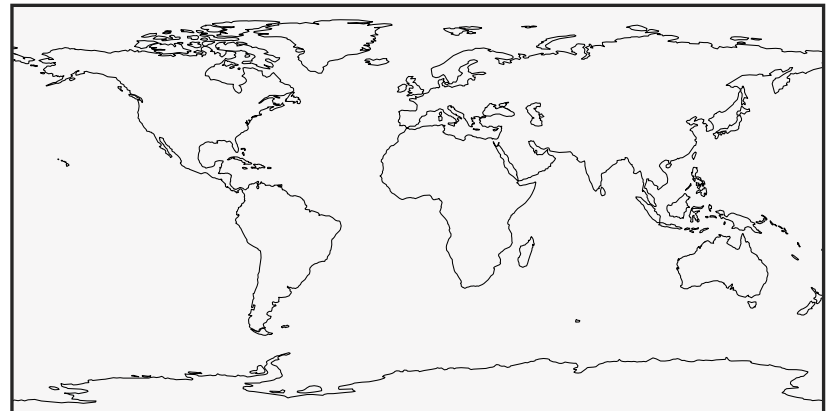
Zero throughput domain
s-1

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



Zero throughput domain
s-1

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



Zero throughput domain
s-1

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



Undefined throughput domain
unitless

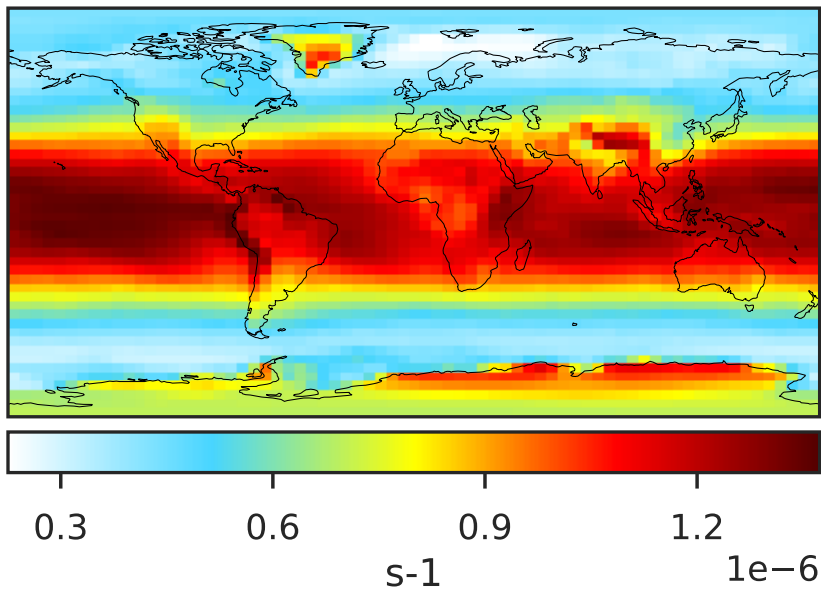
Ratio (1x1.25)
Dev/Ref, Fixed Range



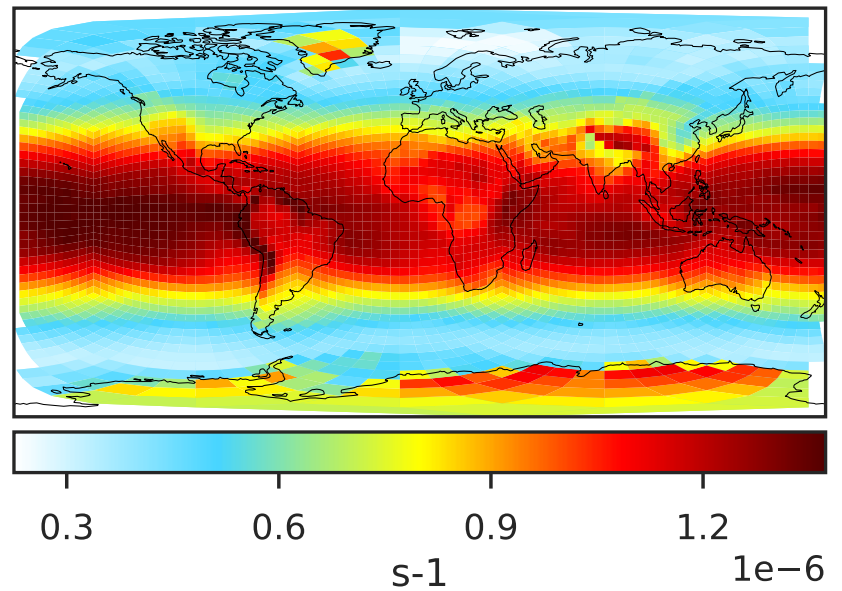
Undefined throughput domain
unitless

Jval_MPN (AnnualMean)

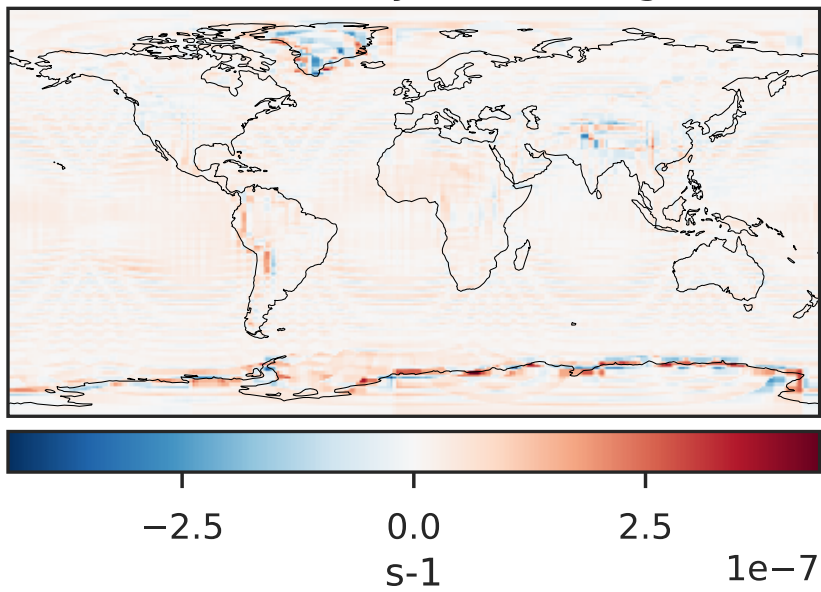
GCC_14.2.0 (Ref)
4.0x5.0



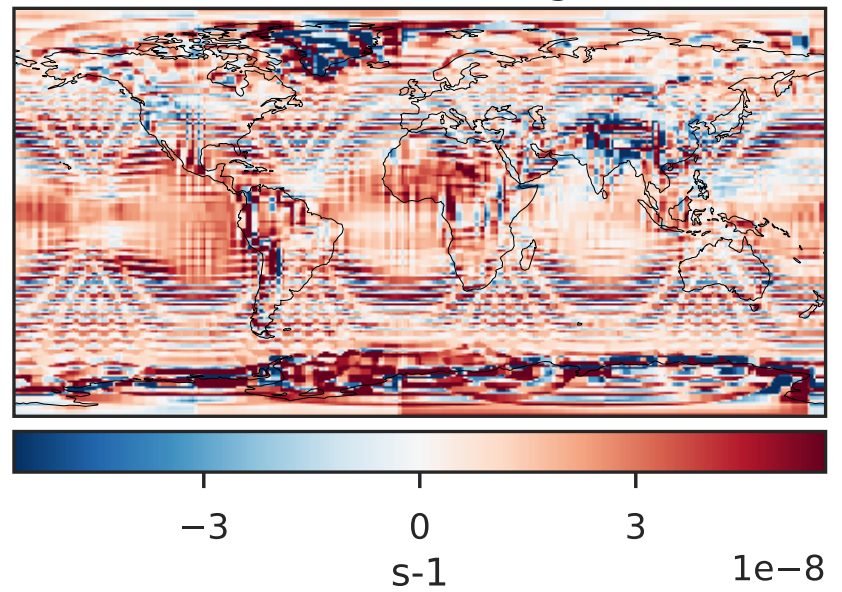
GCHP_14.2.0 (Dev)
c24



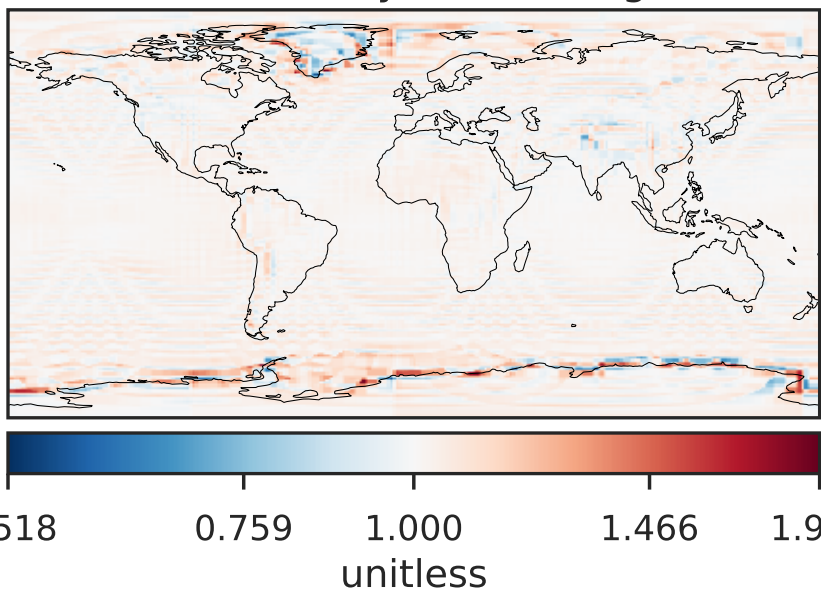
Difference (1x1.25)
Dev - Ref, Dynamic Range



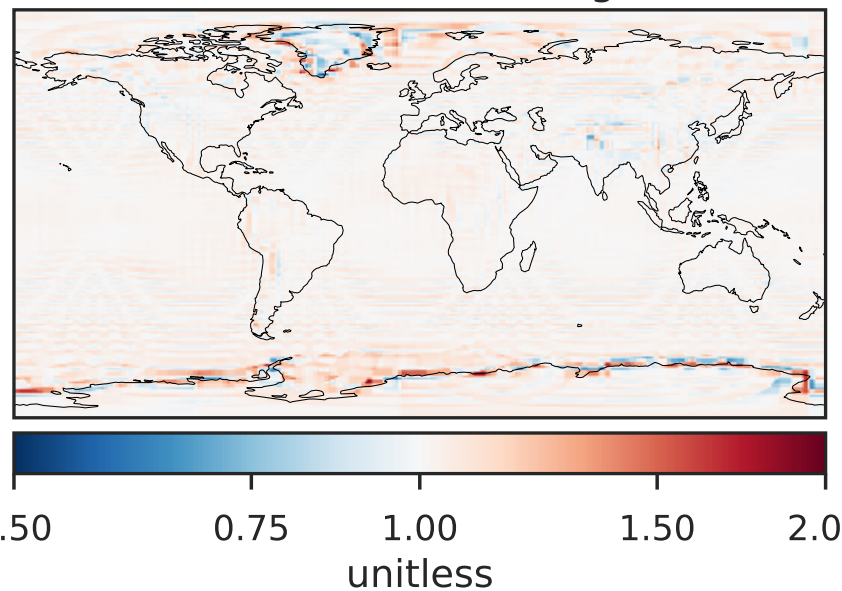
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

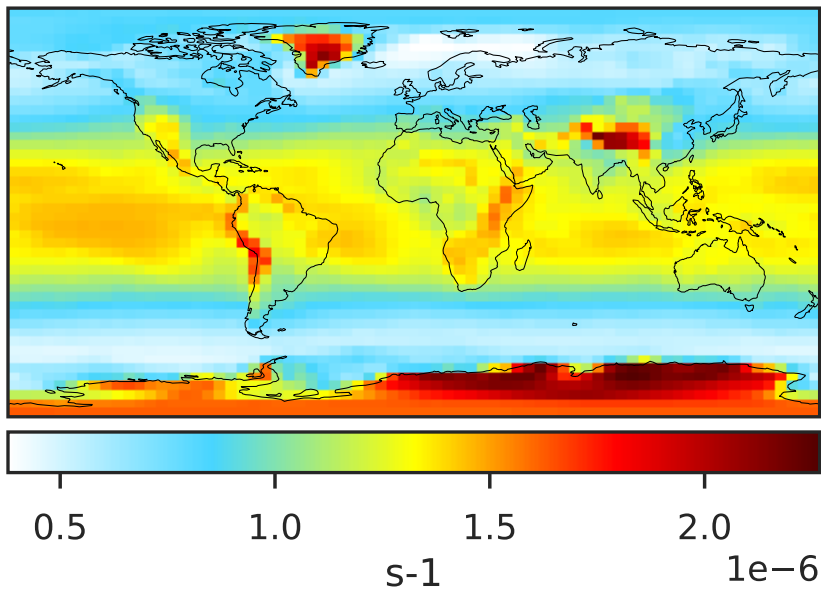


Ratio (1x1.25)
Dev/Ref, Fixed Range

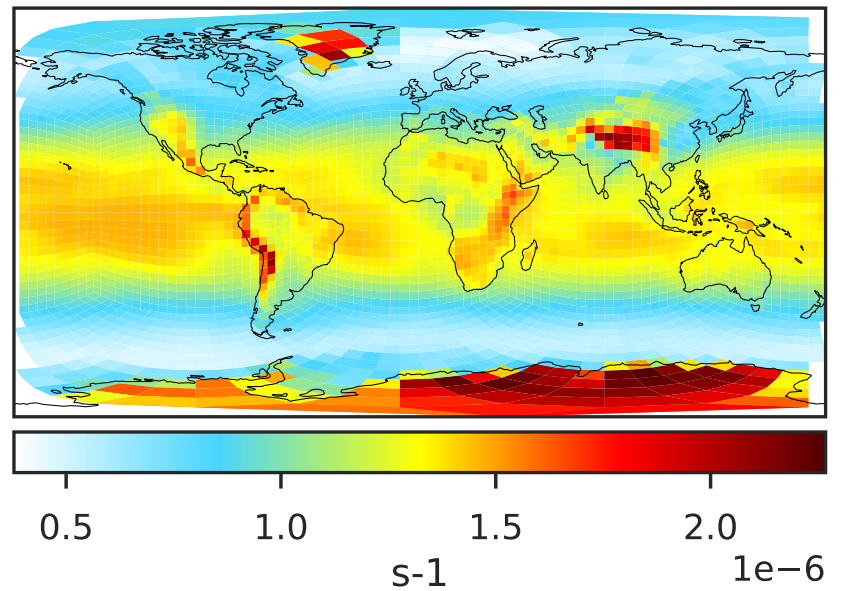


Jval_MVK (AnnualMean)

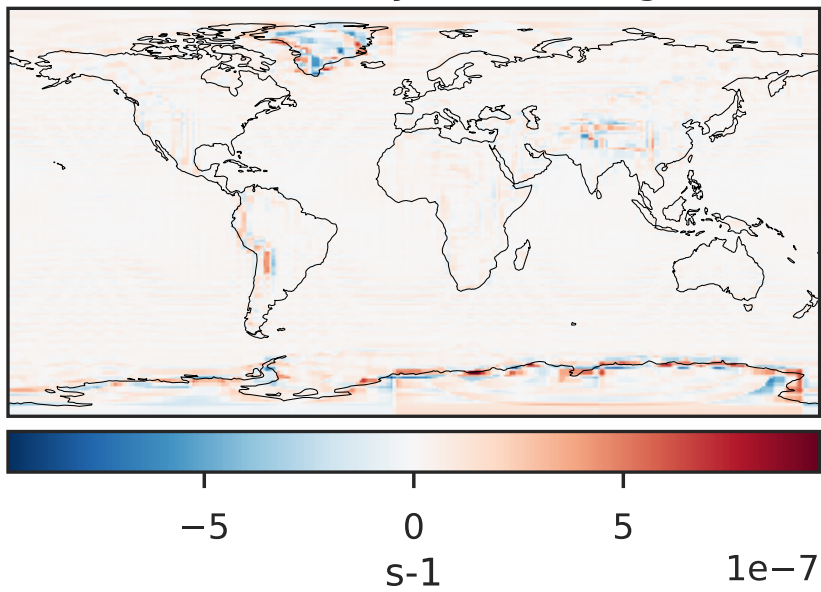
GCC_14.2.0 (Ref)
4.0x5.0



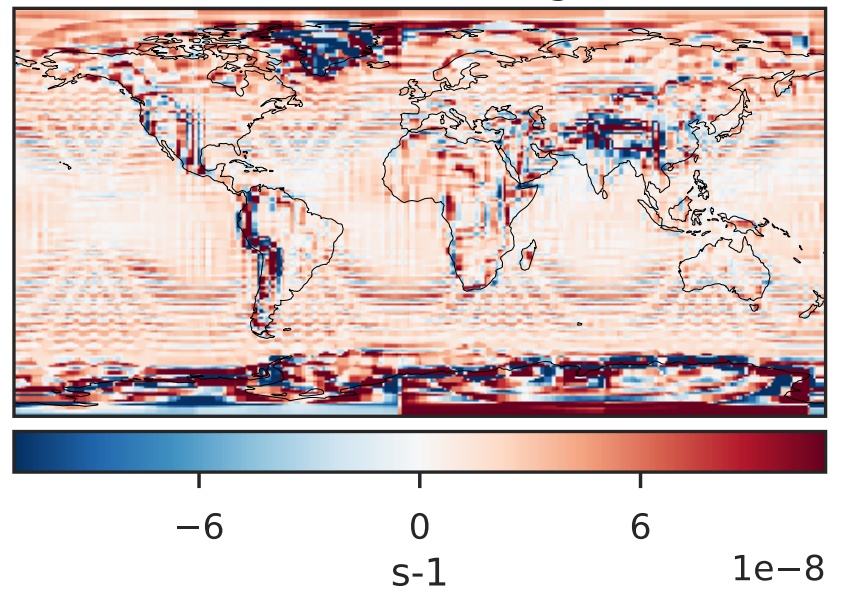
GCHP_14.2.0 (Dev)
c24



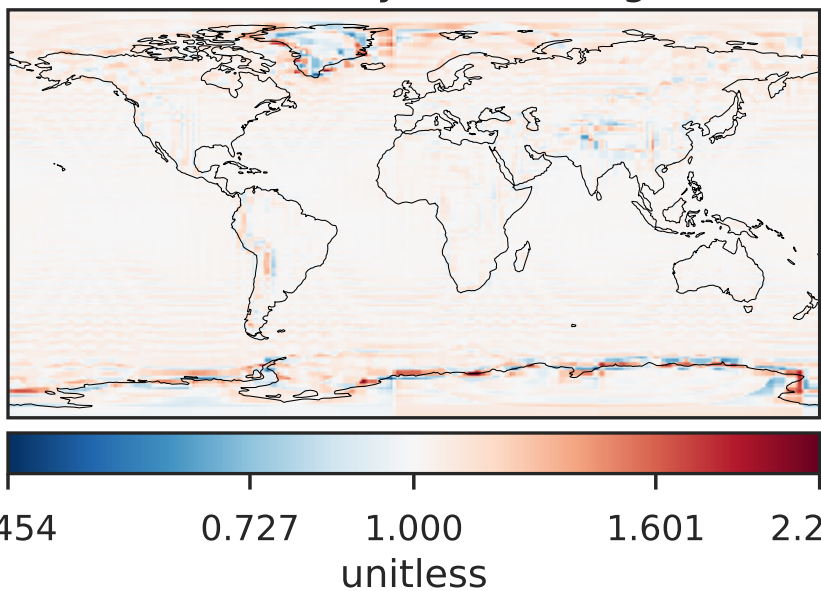
Difference (1x1.25)
Dev - Ref, Dynamic Range



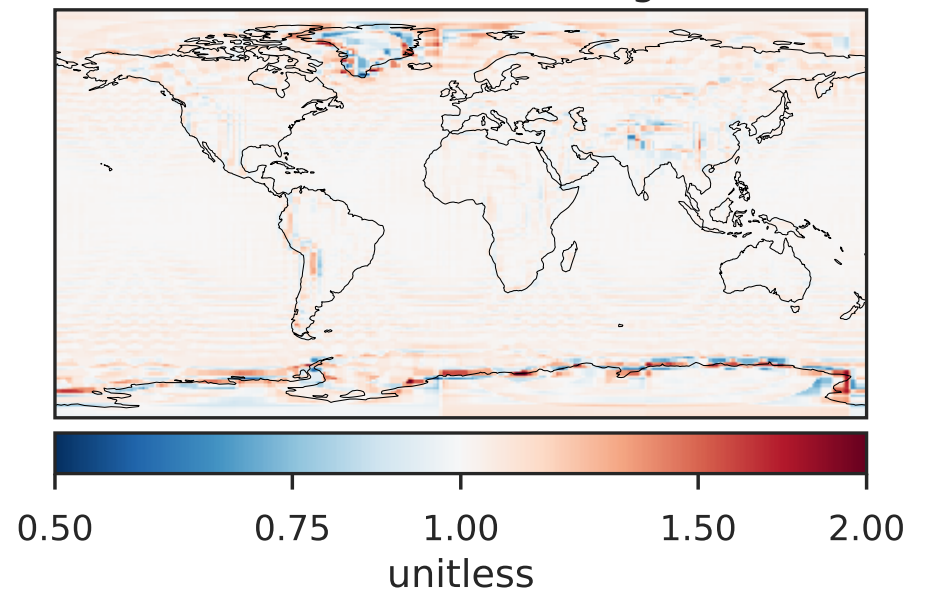
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

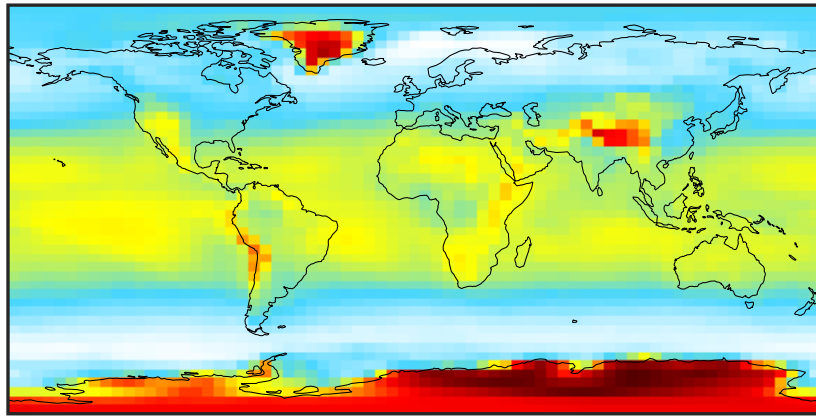


Ratio (1x1.25)
Dev/Ref, Fixed Range



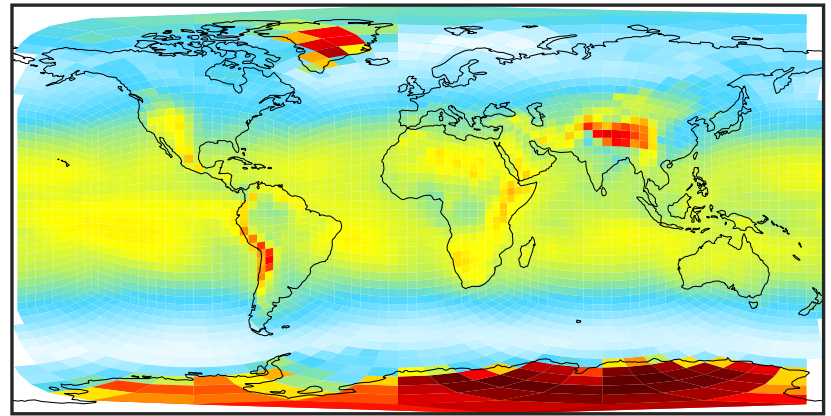
Jval_MVKHC (AnnualMean)

GCC_14.2.0 (Ref)
4.0x5.0



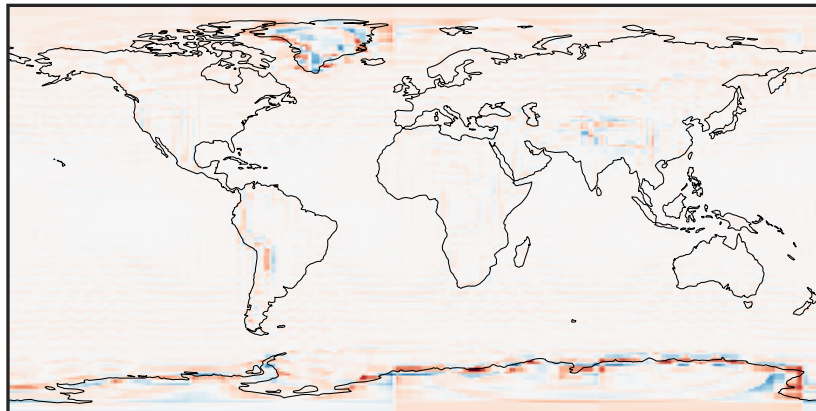
0.000025 0.000050 0.000075 0.000100
s-1

GCHP_14.2.0 (Dev)
c24



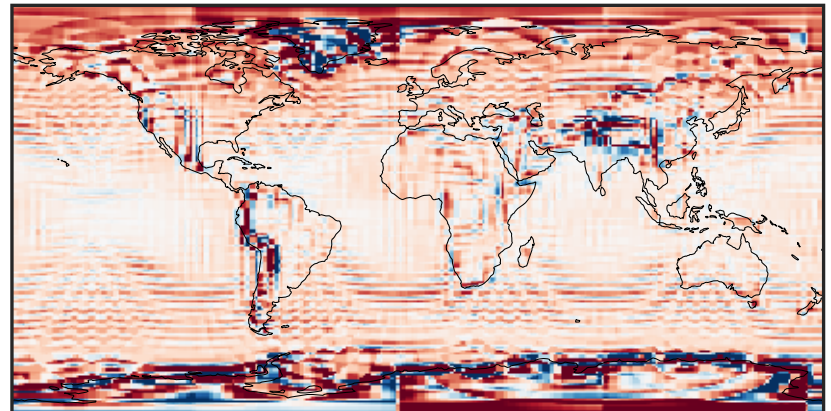
0.000025 0.000050 0.000075 0.000100
s-1

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



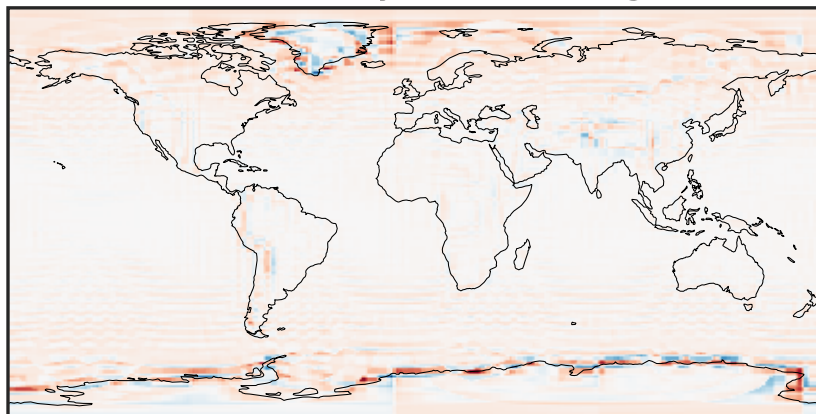
-2.5 0.0 2.5
s-1 1e-5

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



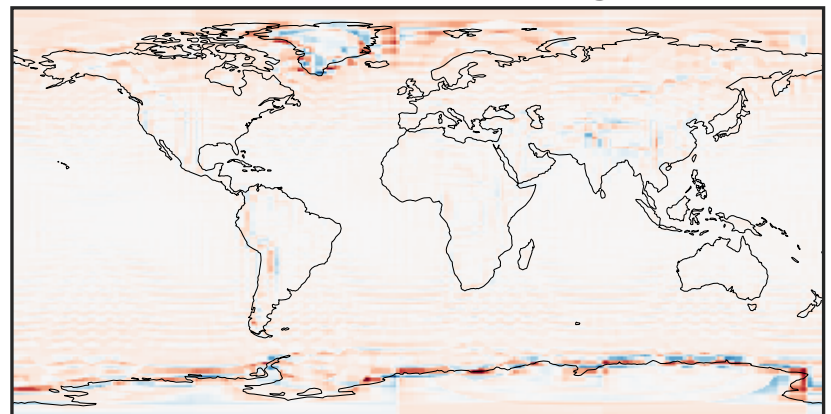
-3 0 3
s-1 1e-6

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



0.478 0.739 1.000 1.546 2.092
unitless

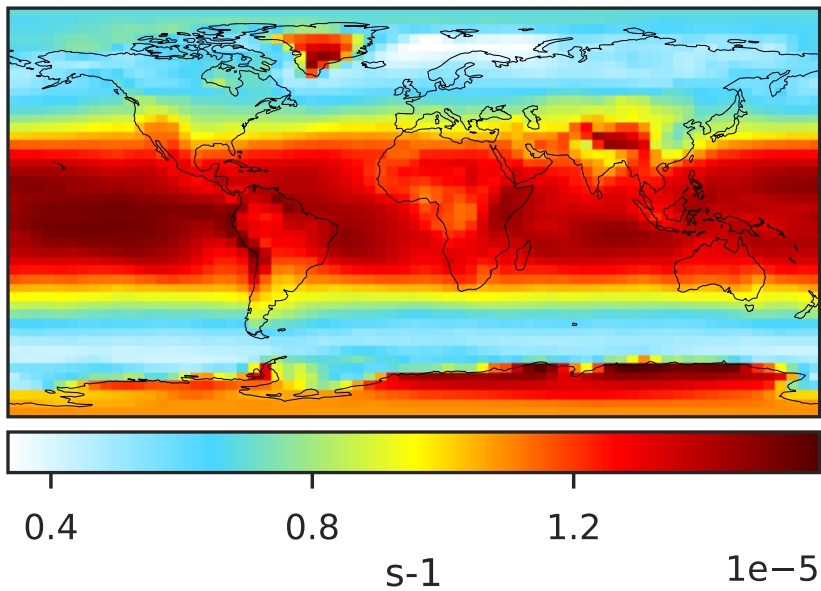
Ratio (1x1.25)
Dev/Ref, Fixed Range



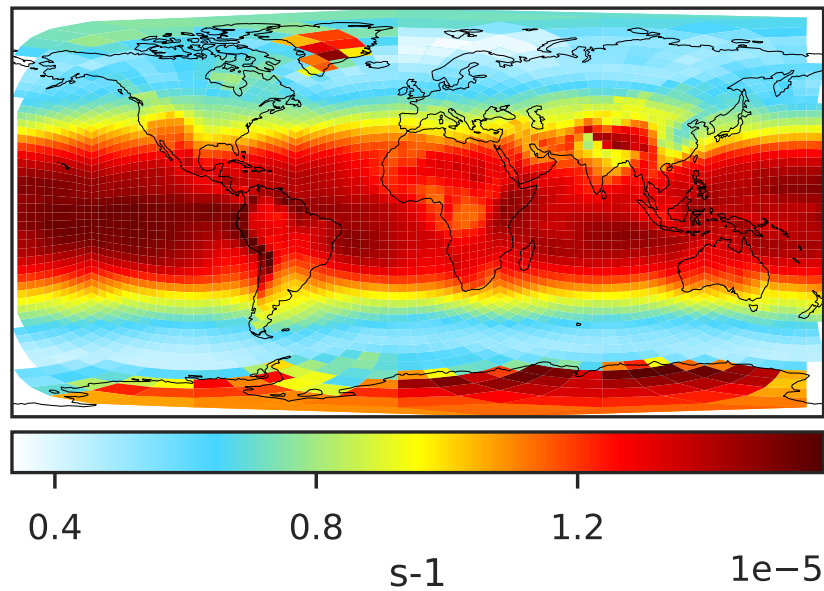
0.50 0.75 1.00 1.50 2.00
unitless

Jval_MVKHCB (AnnualMean)

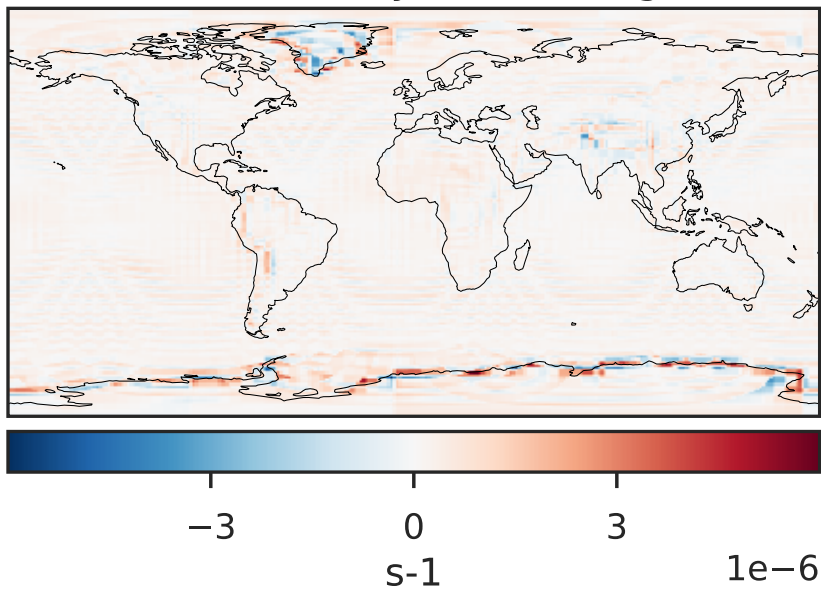
GCC_14.2.0 (Ref)
4.0x5.0



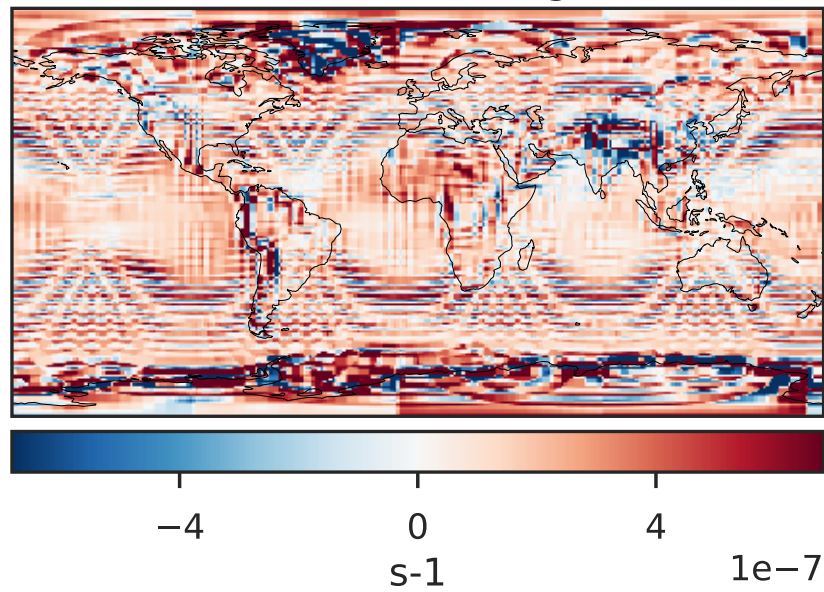
GCHP_14.2.0 (Dev)
c24



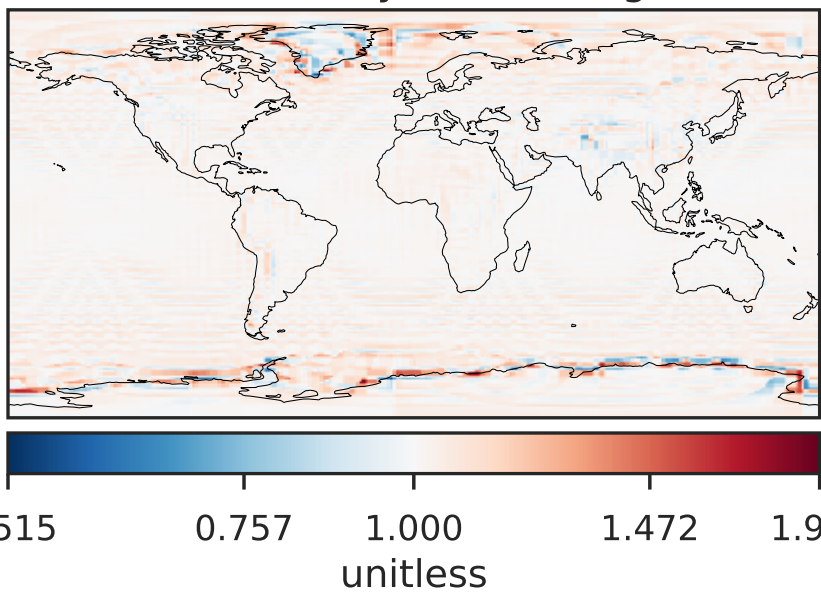
Difference (1x1.25)
Dev - Ref, Dynamic Range



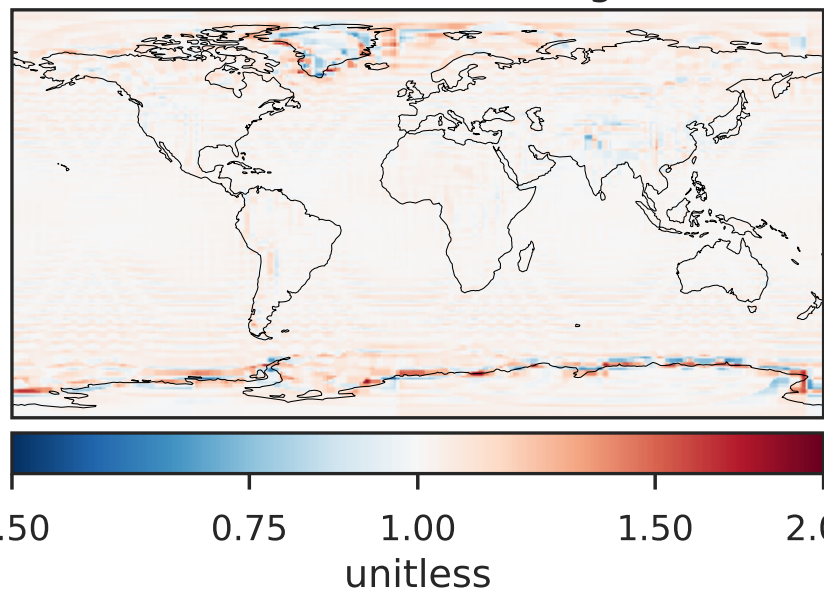
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

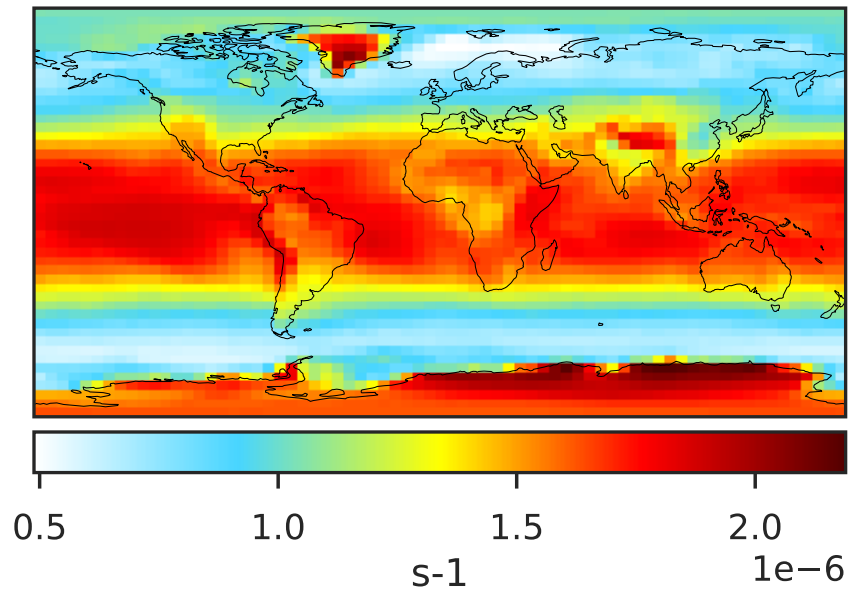


Ratio (1x1.25)
Dev/Ref, Fixed Range

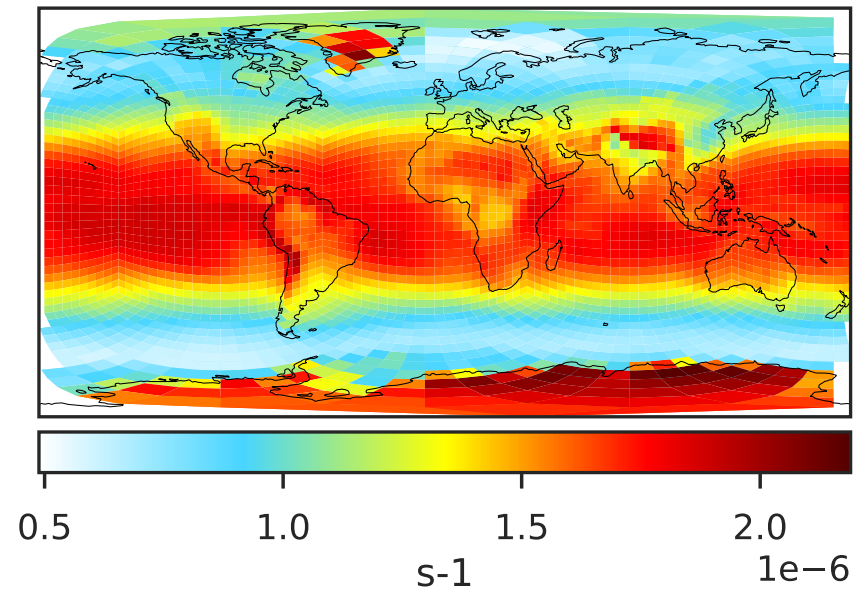


Jval_MVKHP (AnnualMean)

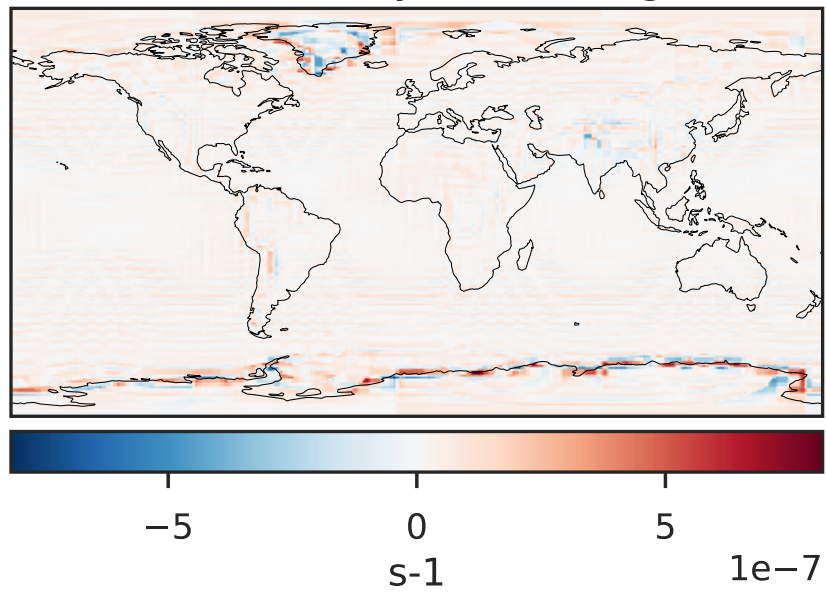
GCC_14.2.0 (Ref)
4.0x5.0



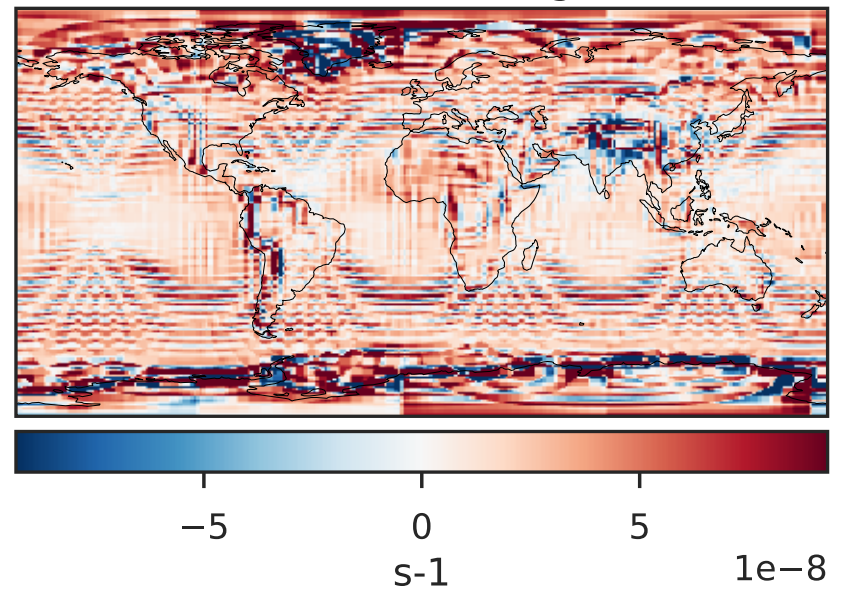
GCHP_14.2.0 (Dev)
c24



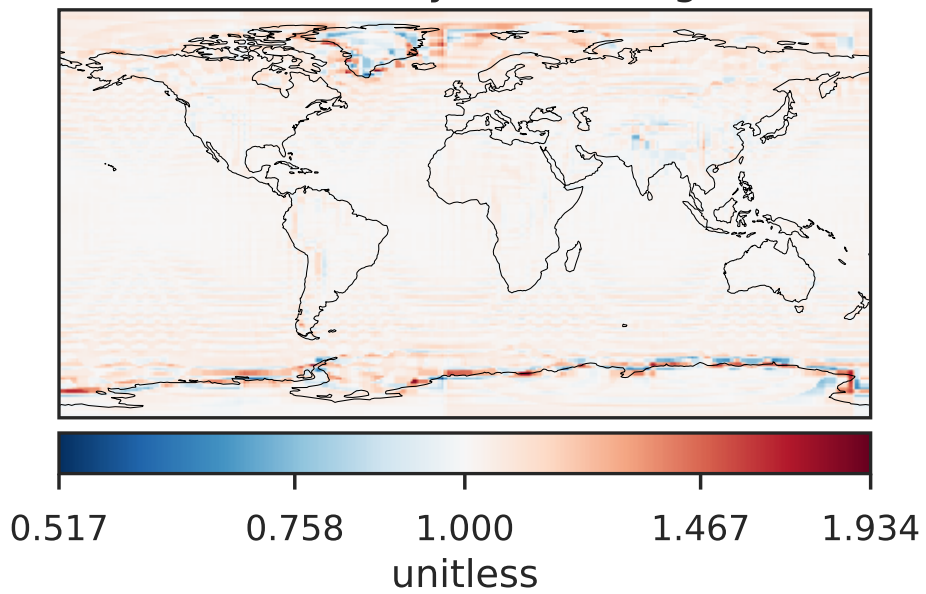
Difference (1x1.25)
Dev - Ref, Dynamic Range



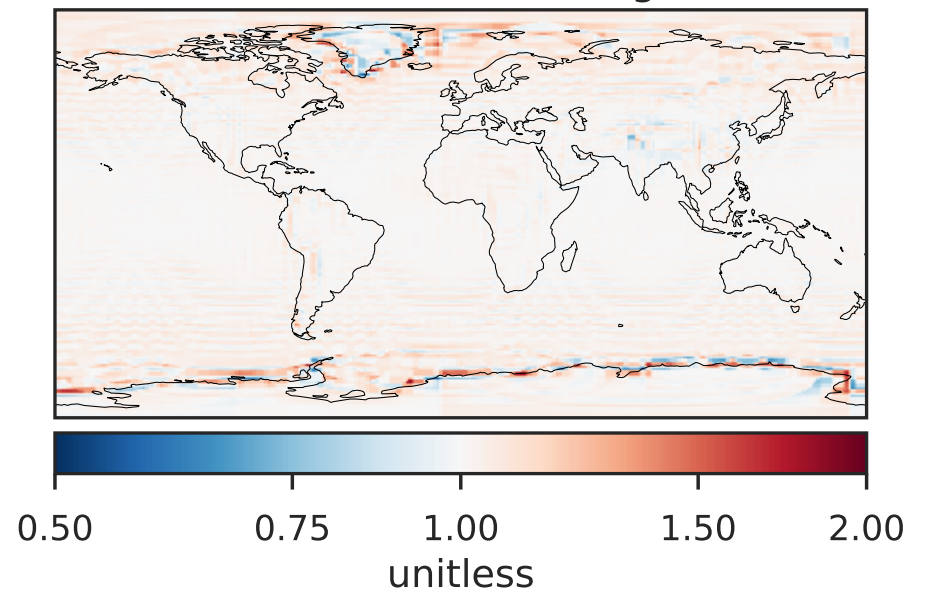
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

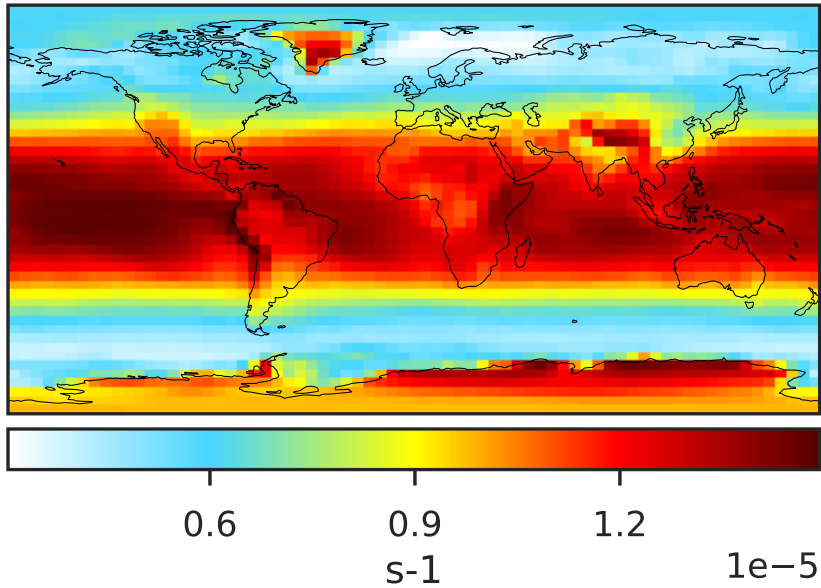


Ratio (1x1.25)
Dev/Ref, Fixed Range

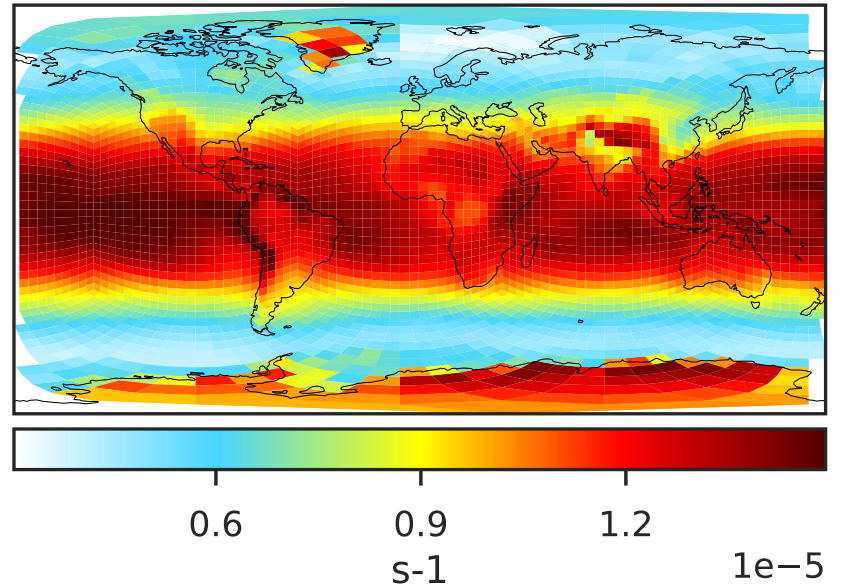


Jval_MVKN (AnnualMean)

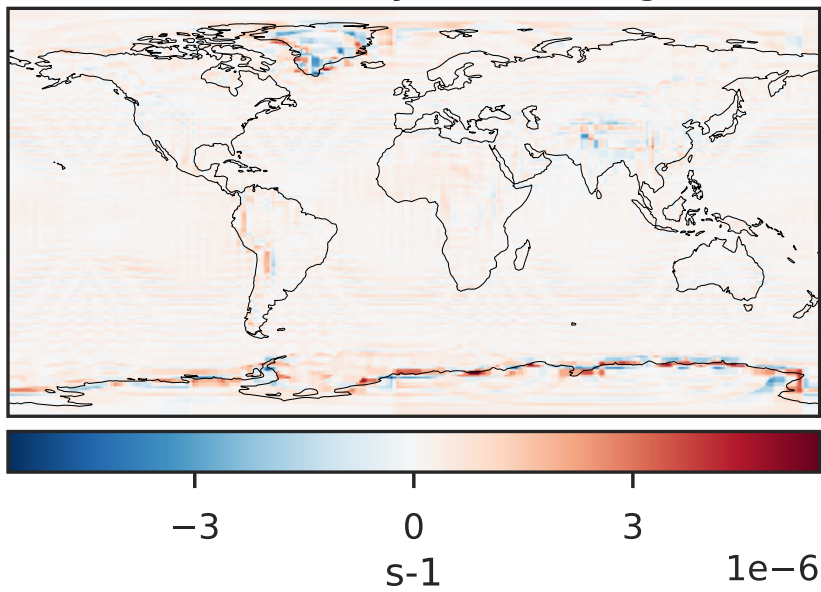
GCC_14.2.0 (Ref)
4.0x5.0



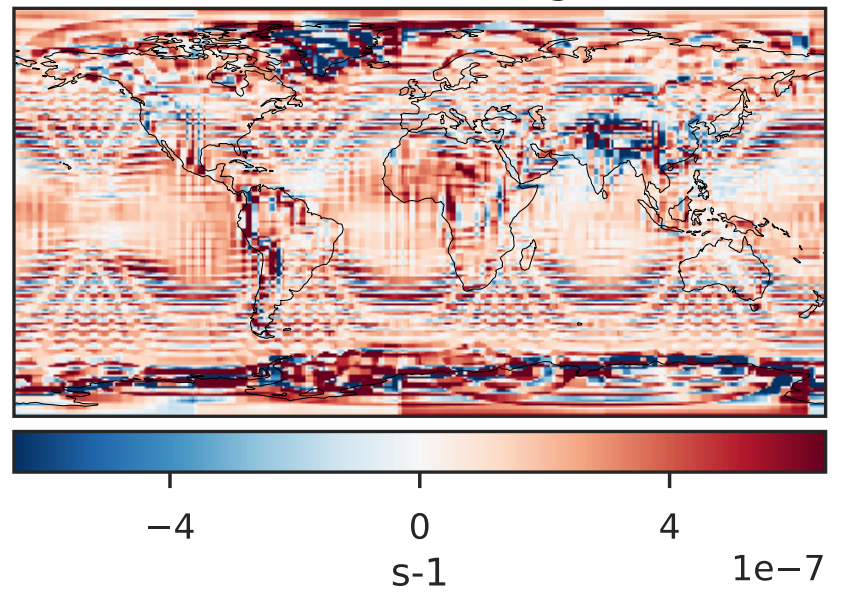
GCHP_14.2.0 (Dev)
c24



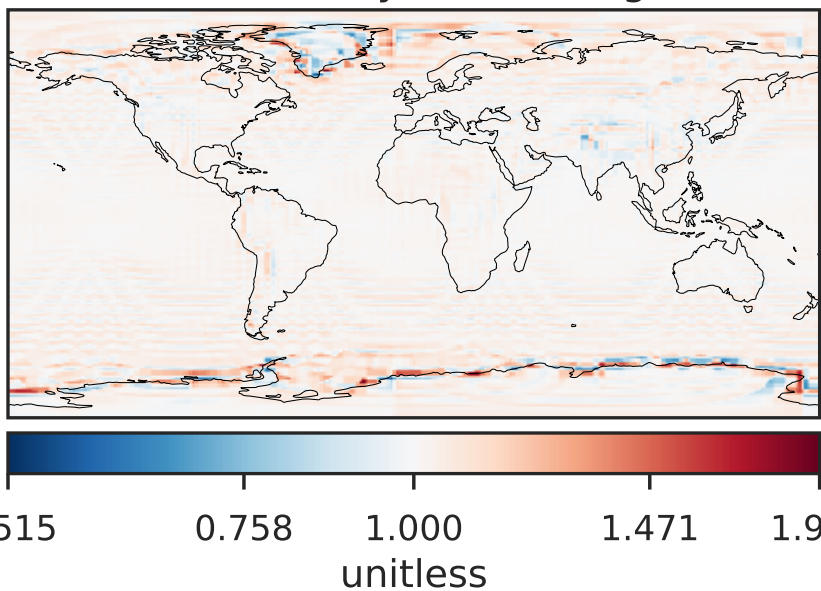
Difference (1x1.25)
Dev - Ref, Dynamic Range



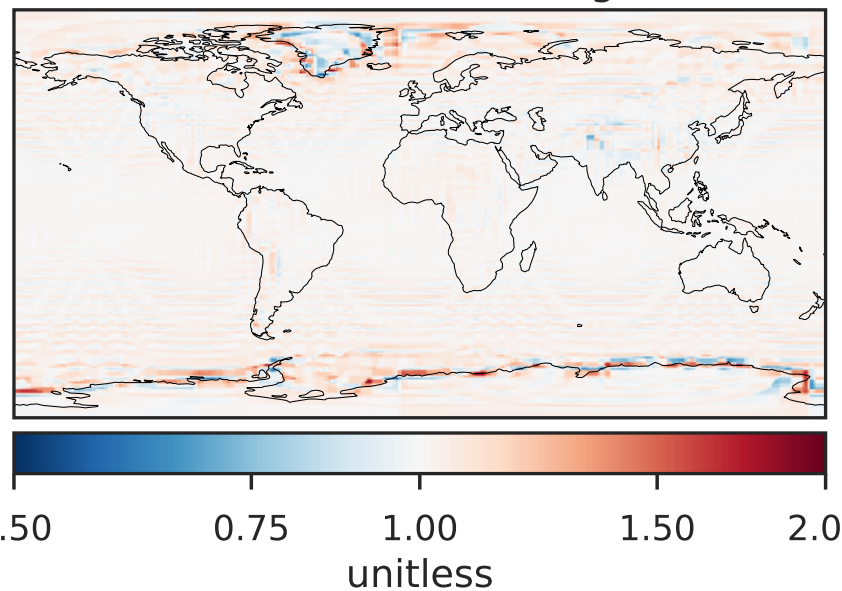
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

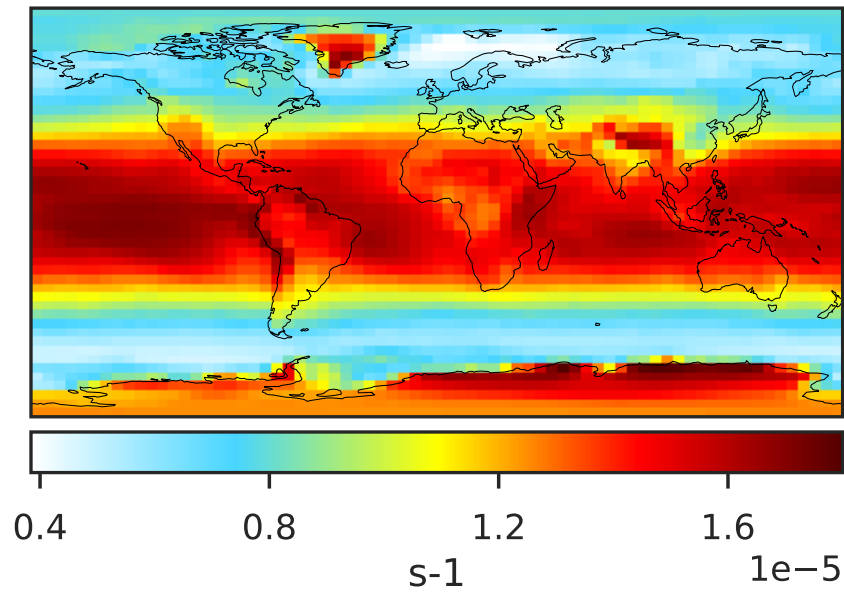


Ratio (1x1.25)
Dev/Ref, Fixed Range

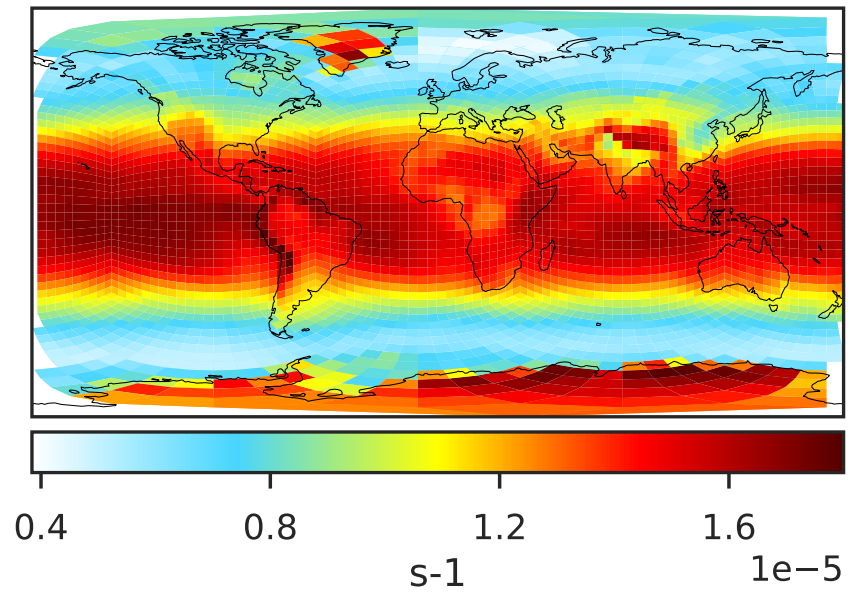


Jval_MVKPC (AnnualMean)

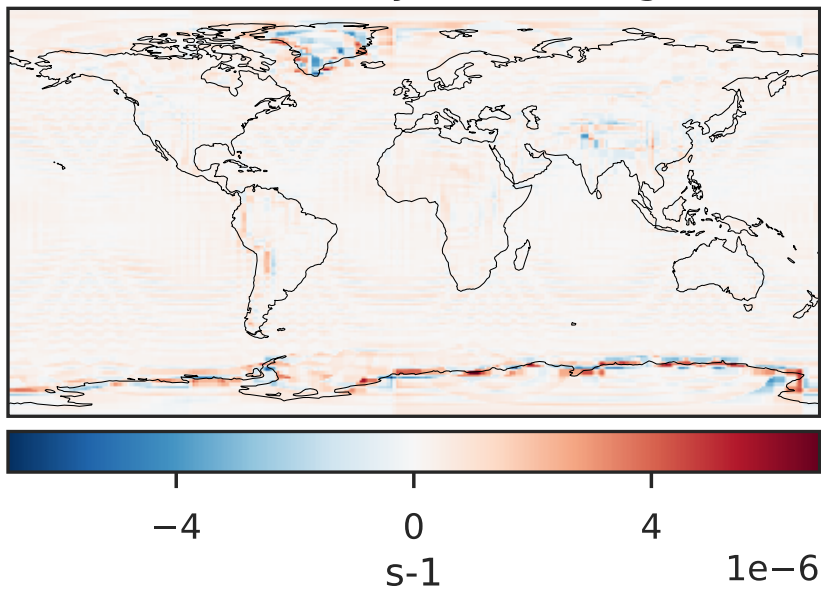
GCC_14.2.0 (Ref)
4.0x5.0



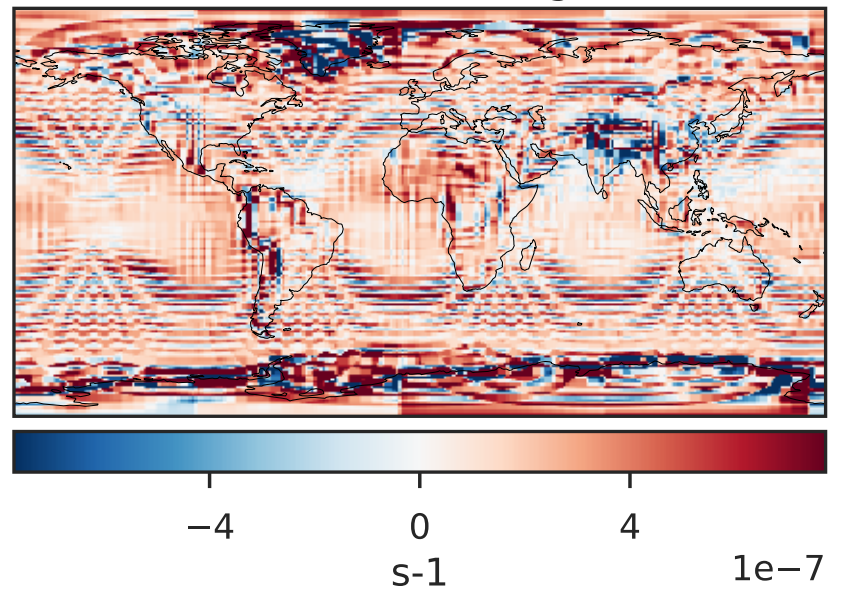
GCHP_14.2.0 (Dev)
c24



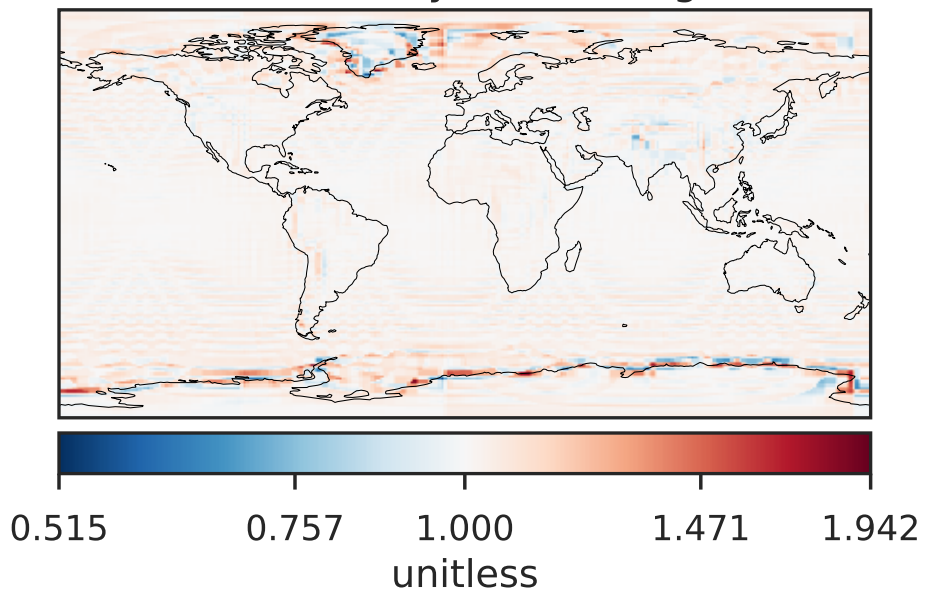
Difference (1x1.25)
Dev - Ref, Dynamic Range



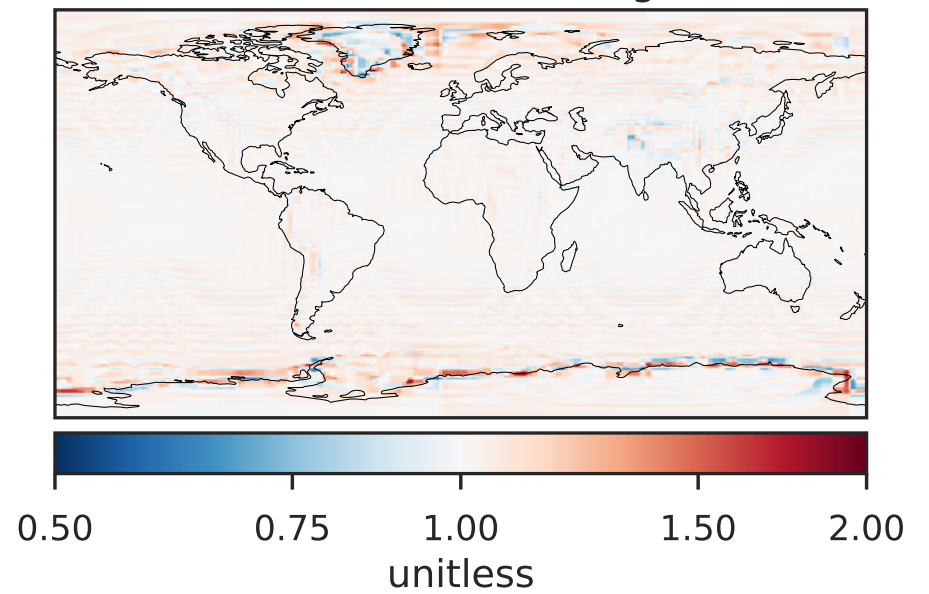
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

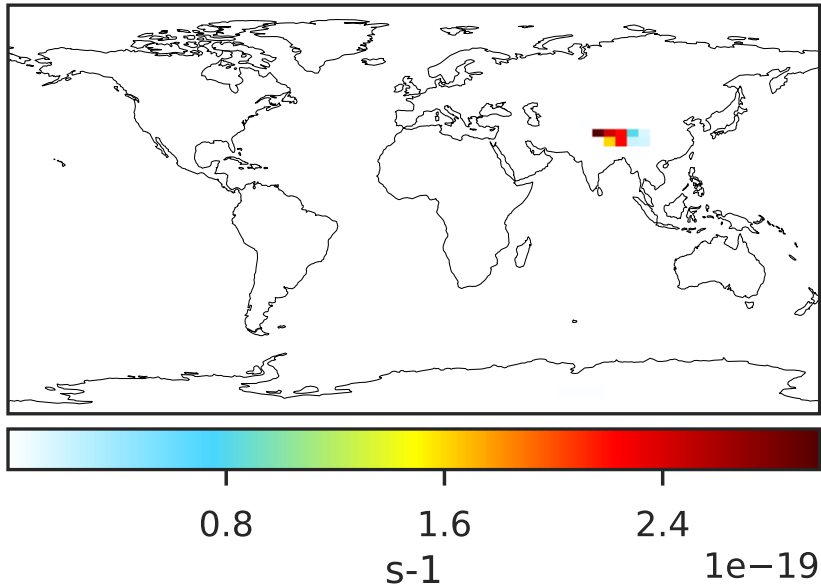


Ratio (1x1.25)
Dev/Ref, Fixed Range

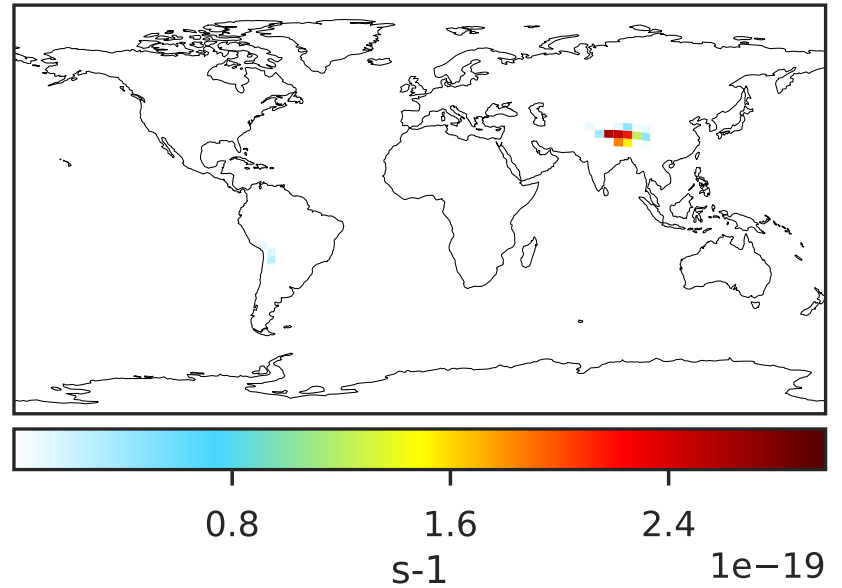


Jval_N2O (AnnualMean)

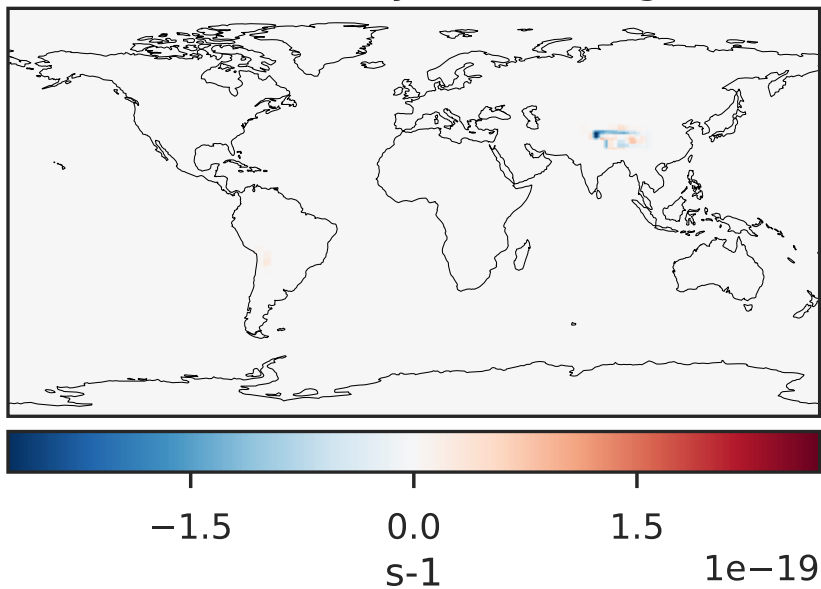
GCC_14.2.0 (Ref)
4.0x5.0



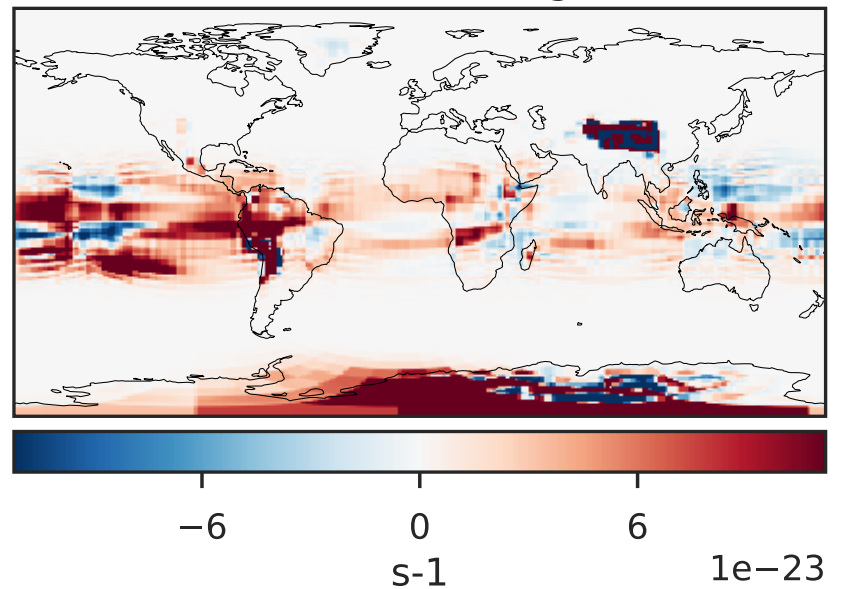
GCHP_14.2.0 (Dev)
c24



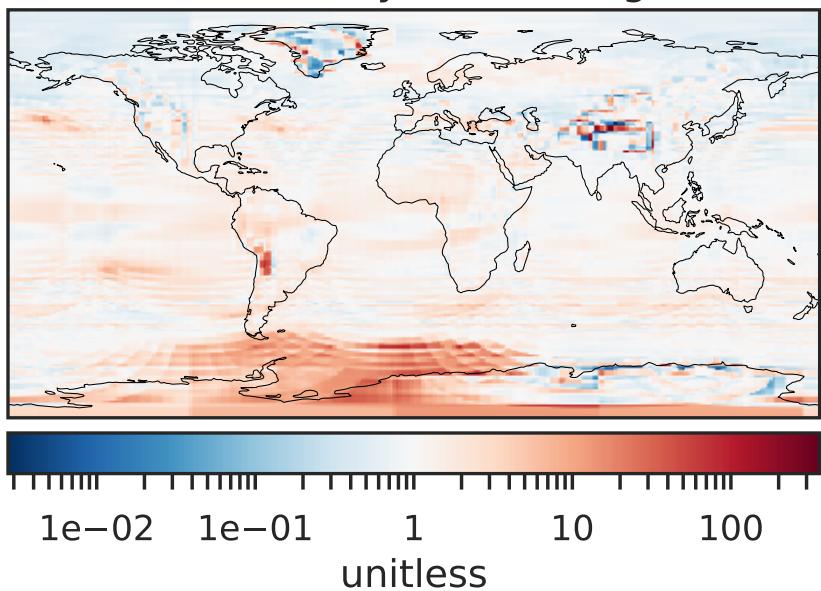
Difference (1x1.25)
Dev - Ref, Dynamic Range



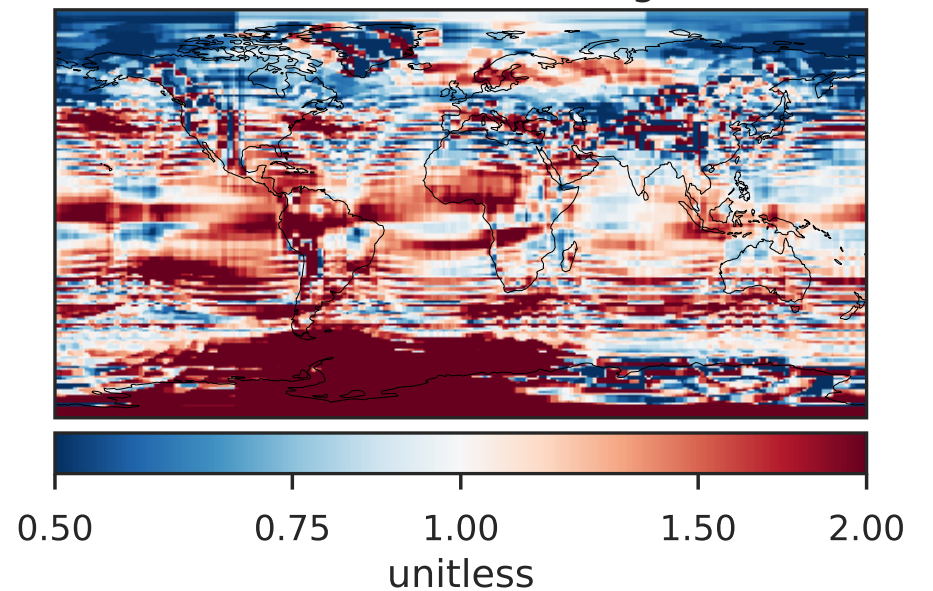
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

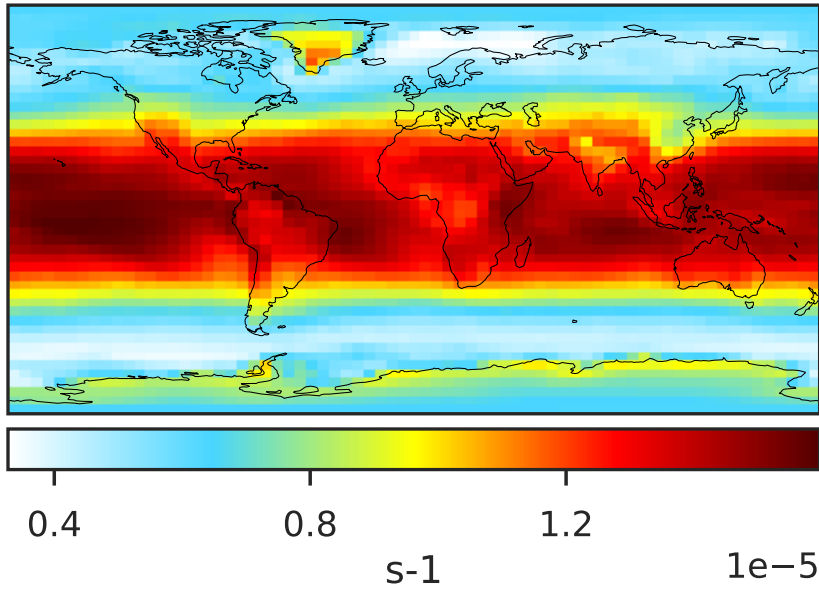


Ratio (1x1.25)
Dev/Ref, Fixed Range

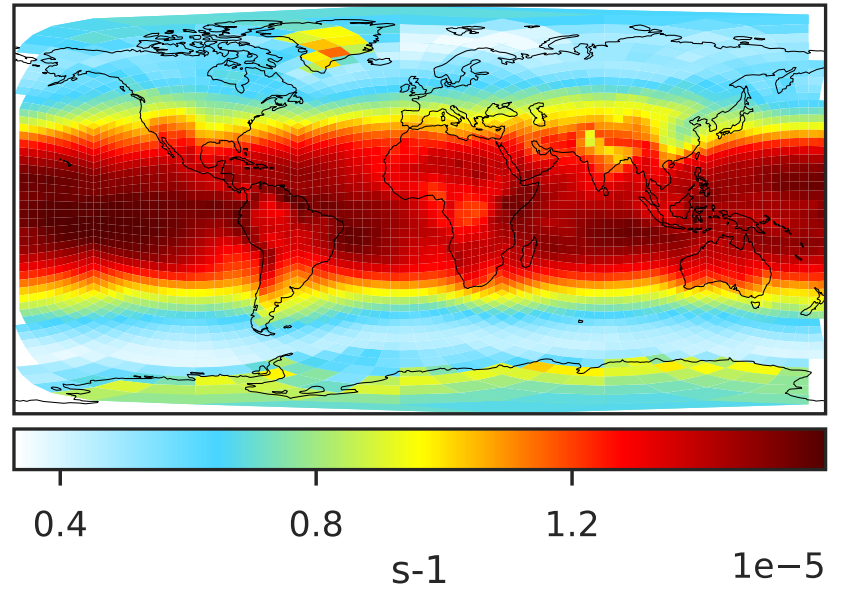


Jval_N2O5 (AnnualMean)

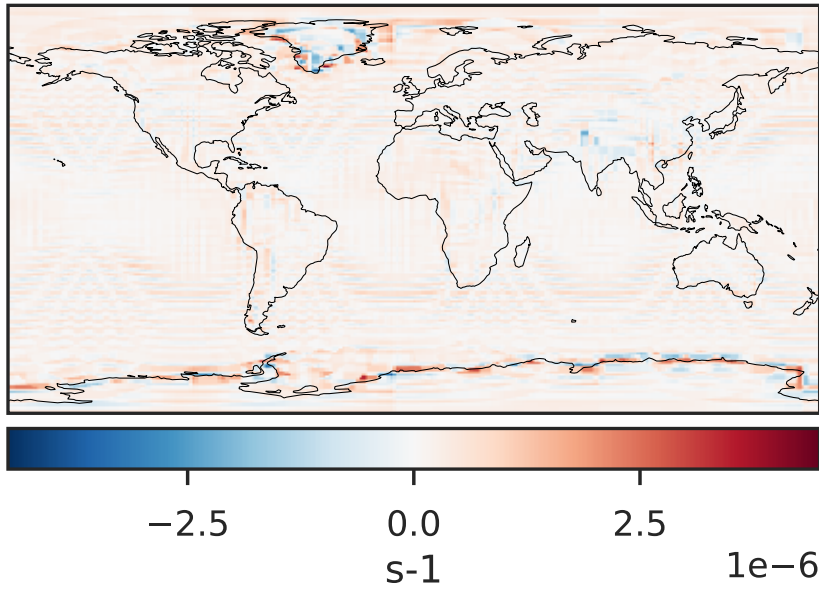
GCC_14.2.0 (Ref)
4.0x5.0



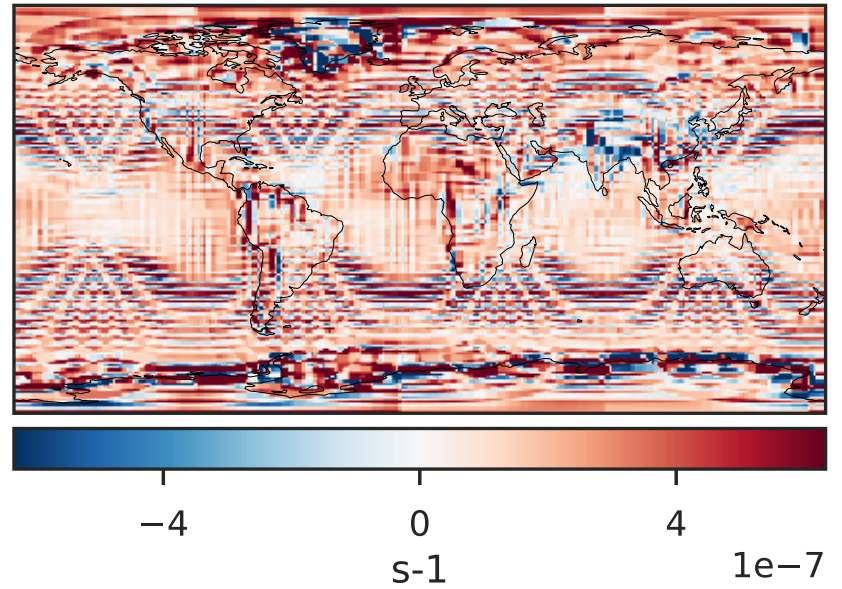
GCHP_14.2.0 (Dev)
c24



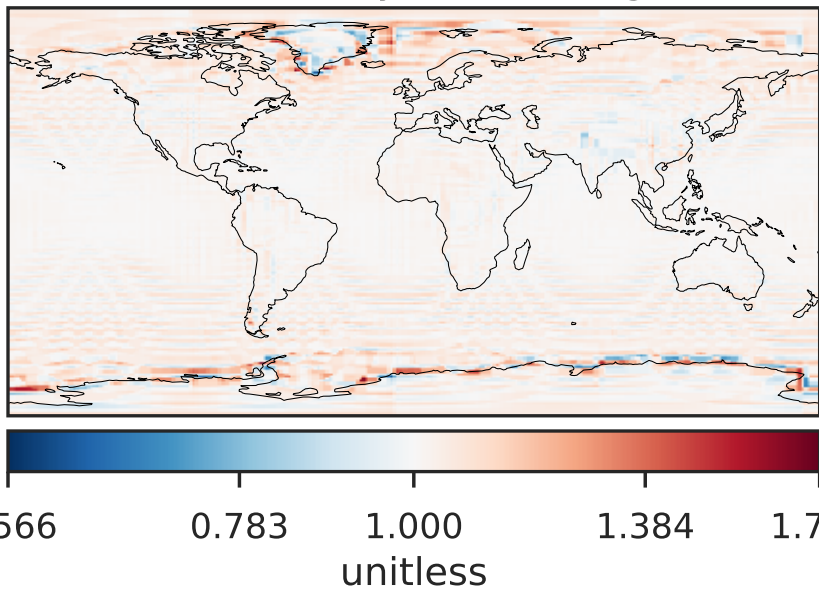
Difference (1x1.25)
Dev - Ref, Dynamic Range



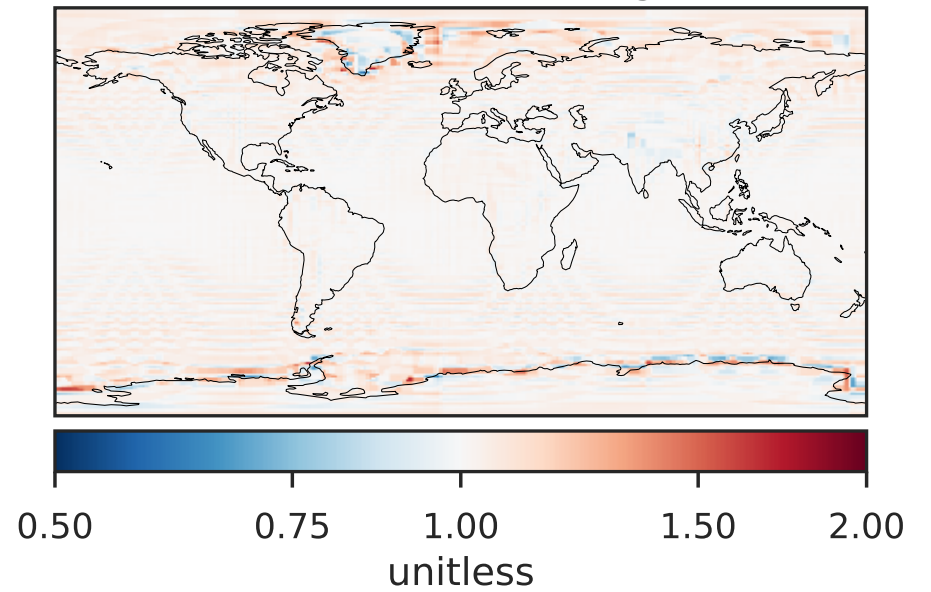
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

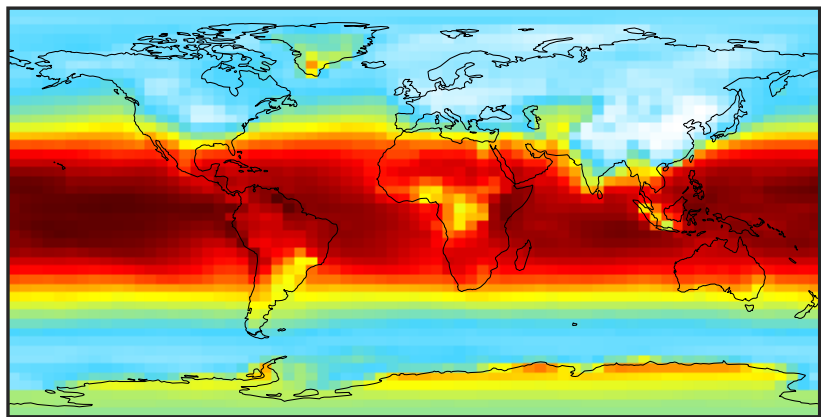


Ratio (1x1.25)
Dev/Ref, Fixed Range



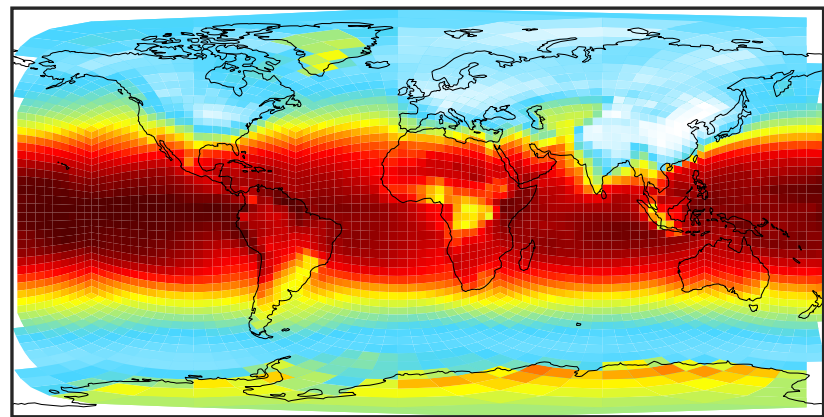
Jval_NIT (AnnualMean)

GCC_14.2.0 (Ref)
4.0x5.0



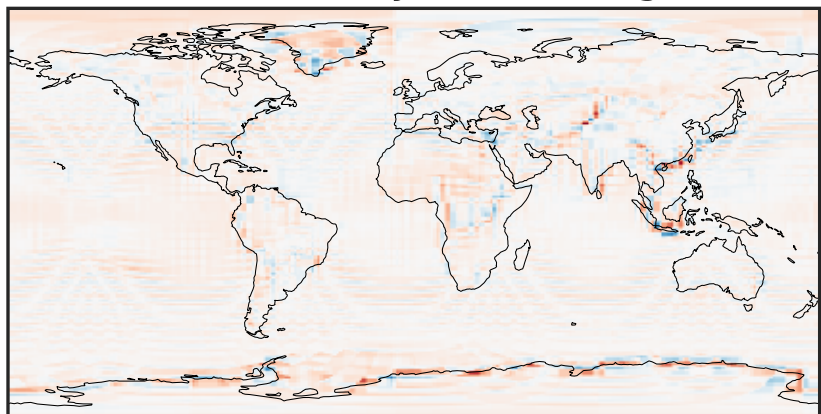
0.6 1.2 1.8
s-1 $1e-5$

GCHP_14.2.0 (Dev)
c24



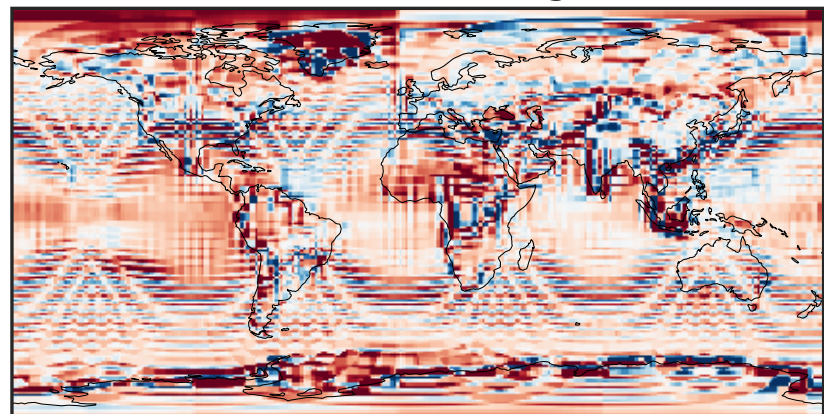
0.6 1.2 1.8
s-1 $1e-5$

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



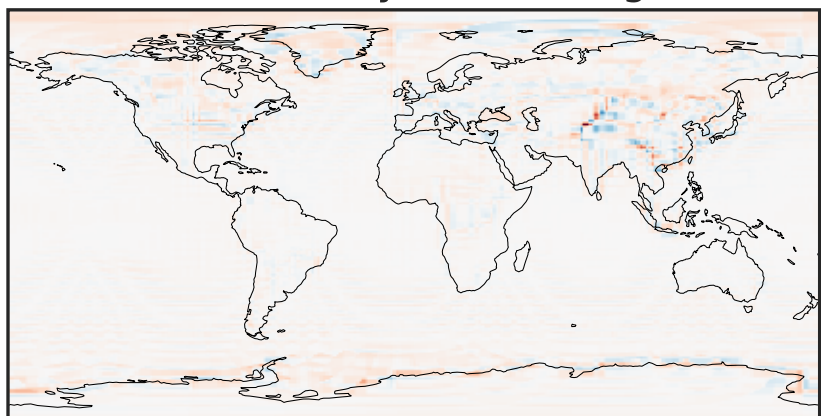
-4 0 4
s-1 $1e-6$

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



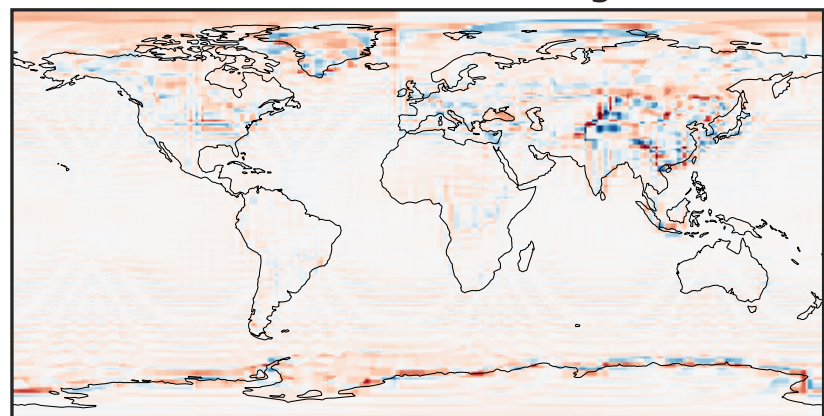
-6 0 6
s-1 $1e-7$

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



0.212 0.606 1.000 2.855 4.711
unitless

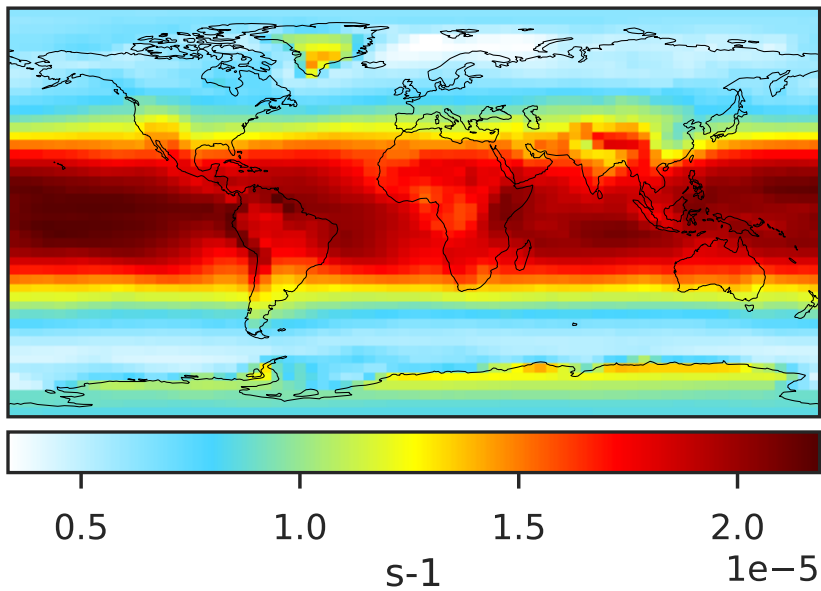
Ratio (1x1.25)
Dev/Ref, Fixed Range



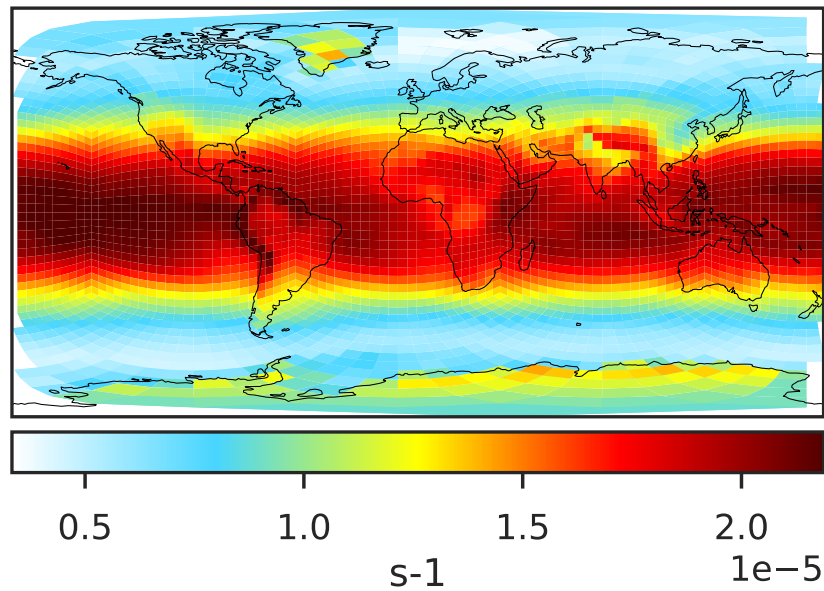
0.50 0.75 1.00 1.50 2.00
unitless

Jval_NITs (AnnualMean)

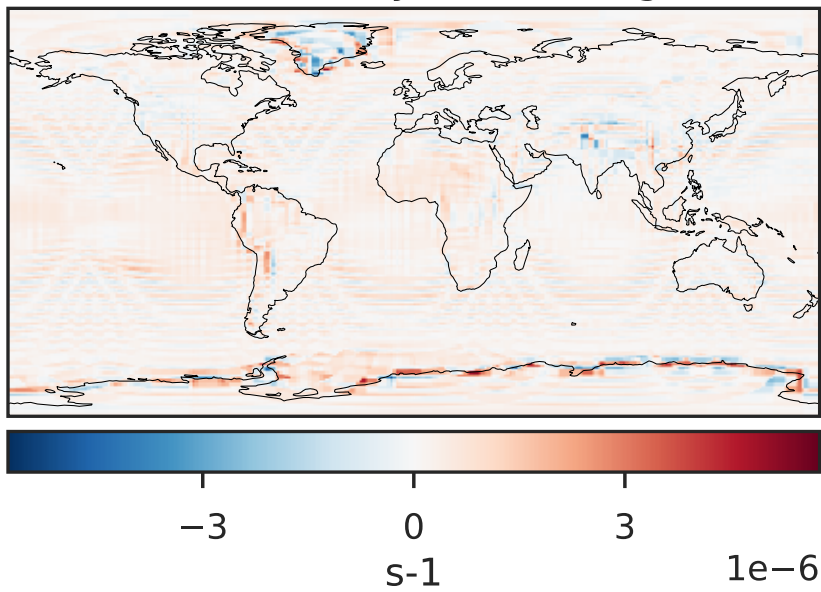
GCC_14.2.0 (Ref)
4.0x5.0



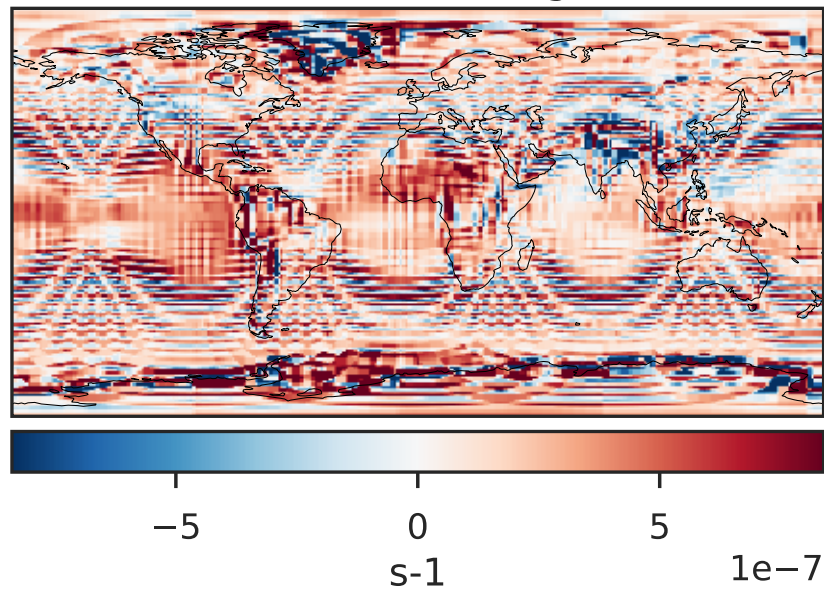
GCHP_14.2.0 (Dev)
c24



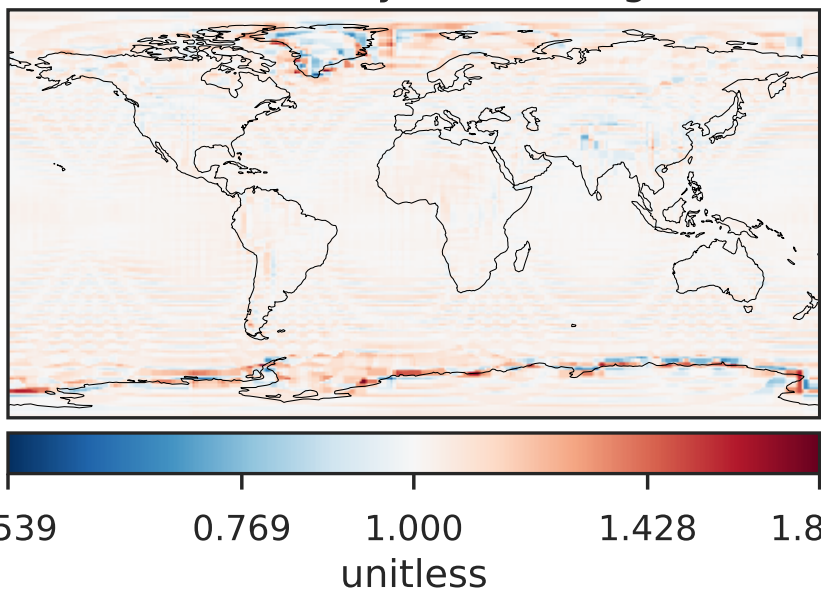
Difference (1x1.25)
Dev - Ref, Dynamic Range



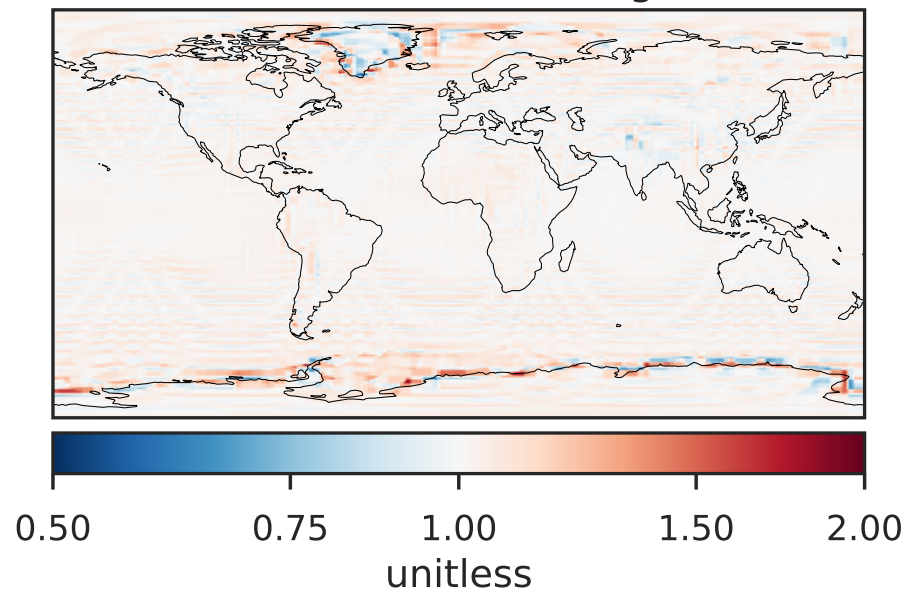
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

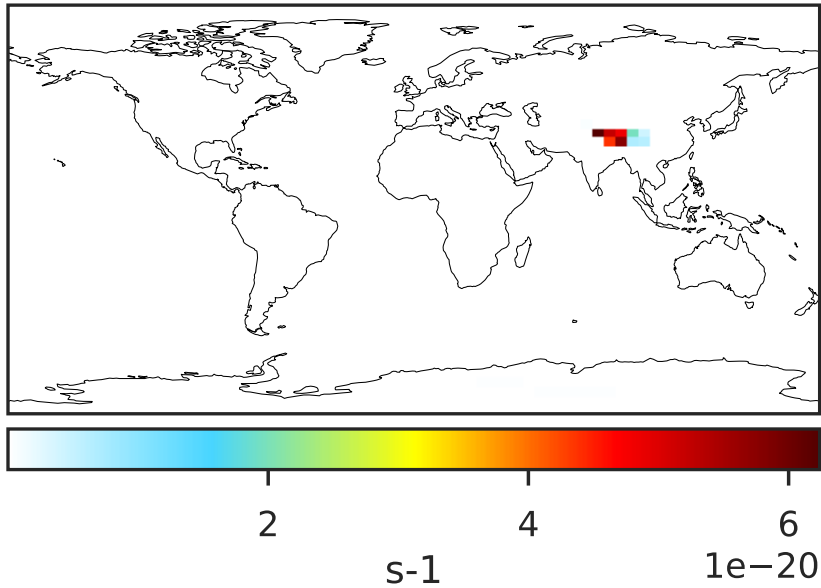


Ratio (1x1.25)
Dev/Ref, Fixed Range

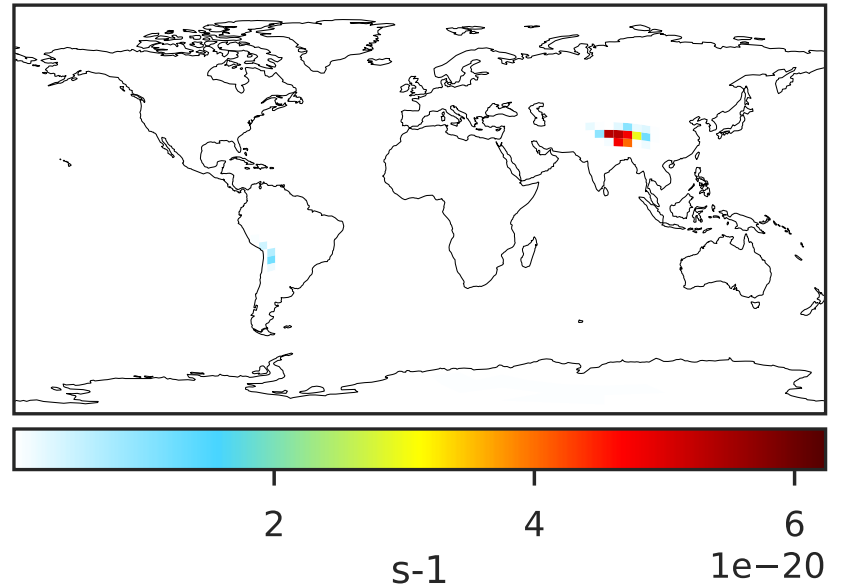


Jval_NO (AnnualMean)

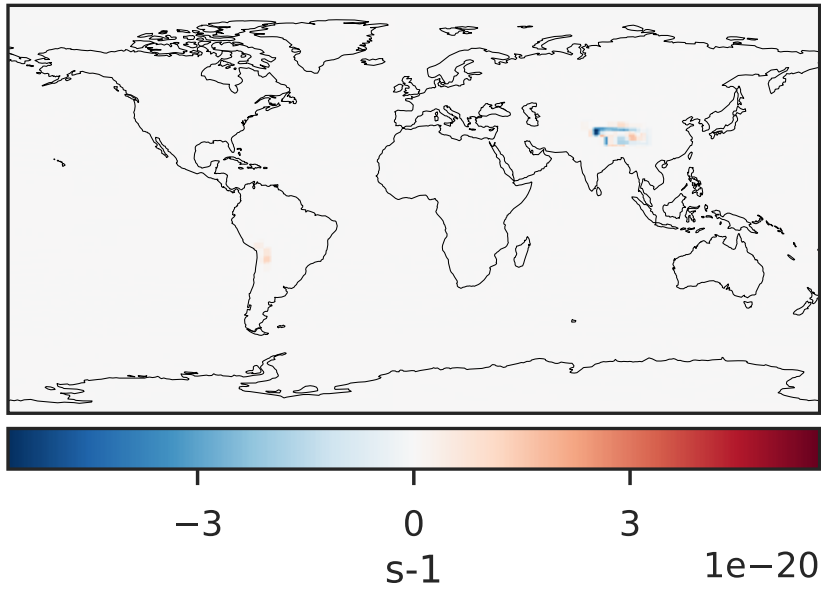
GCC_14.2.0 (Ref)
4.0x5.0



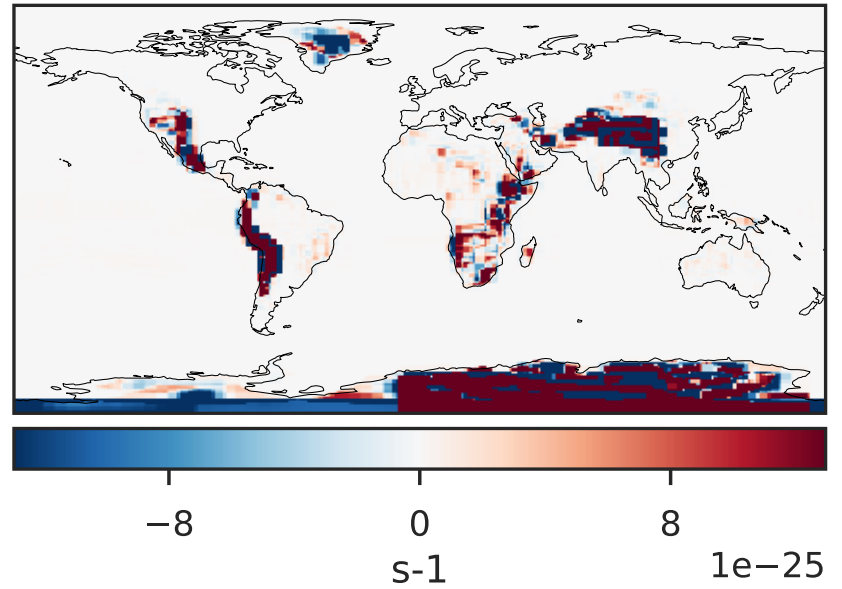
GCHP_14.2.0 (Dev)
c24



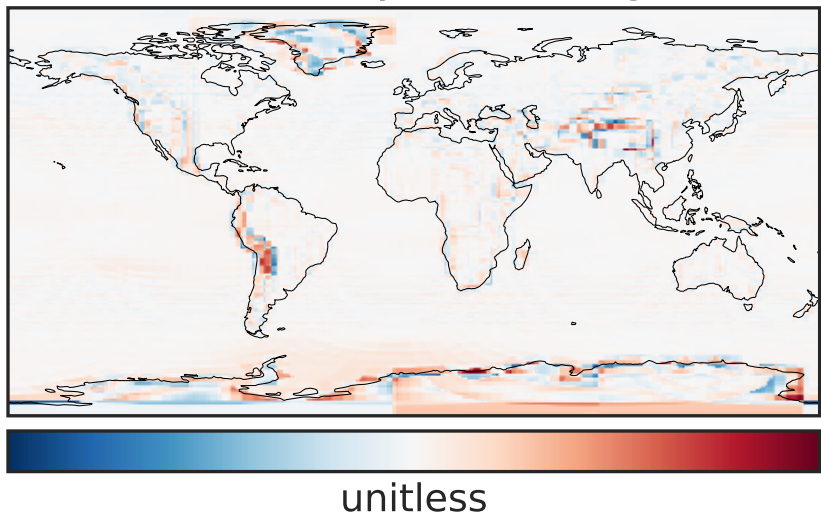
Difference (1x1.25)
Dev - Ref, Dynamic Range



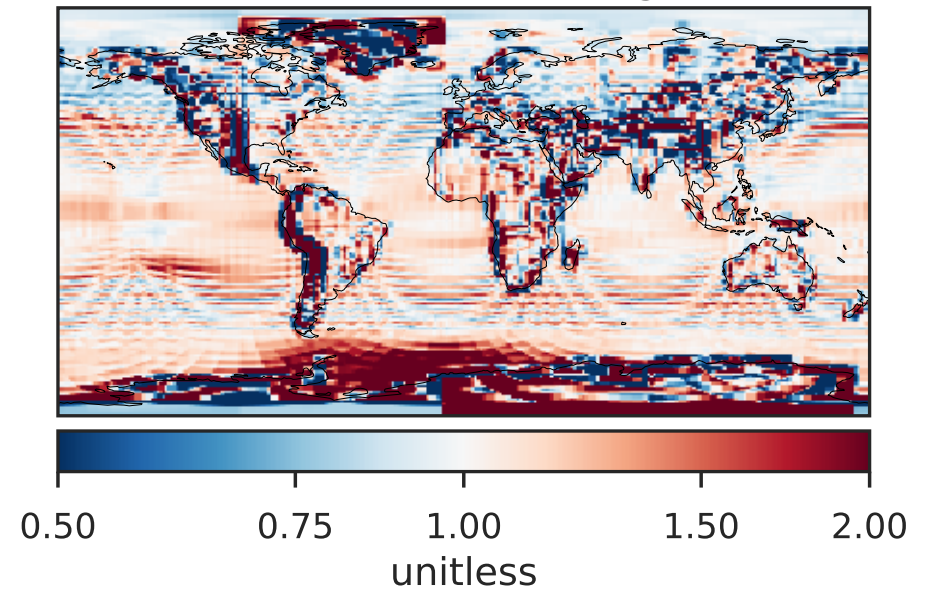
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

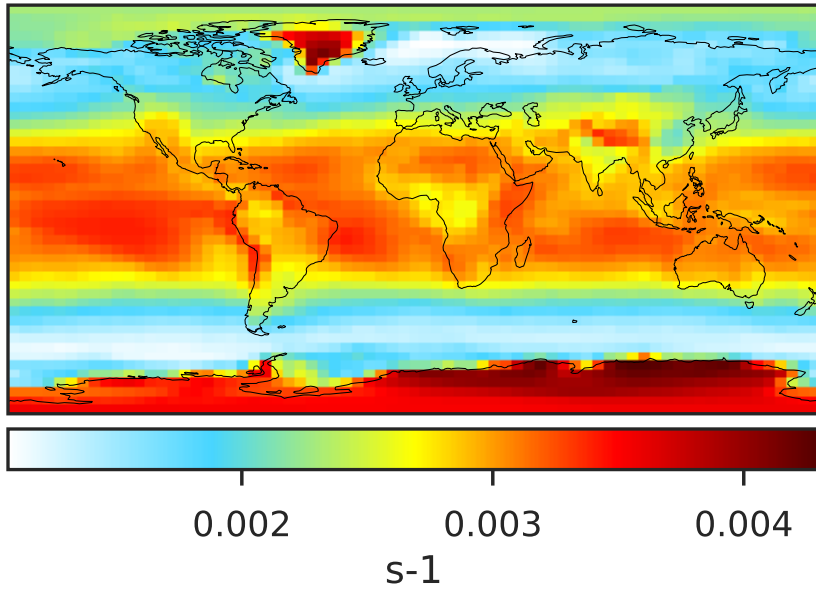


Ratio (1x1.25)
Dev/Ref, Fixed Range

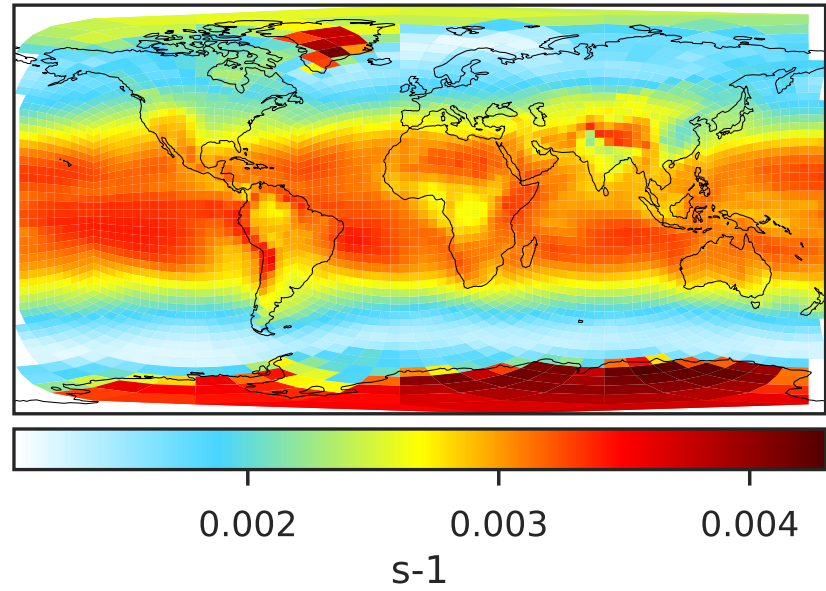


Jval_NO2 (AnnualMean)

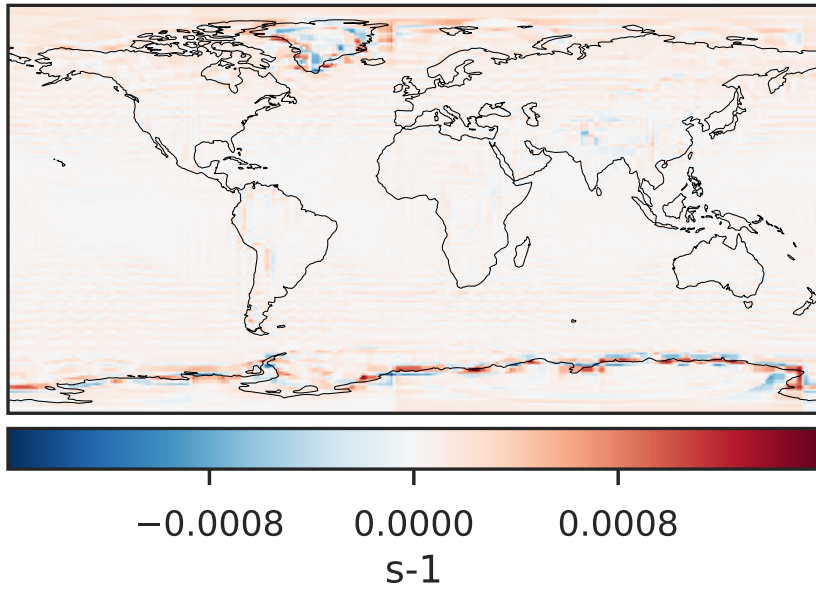
GCC_14.2.0 (Ref)
4.0x5.0



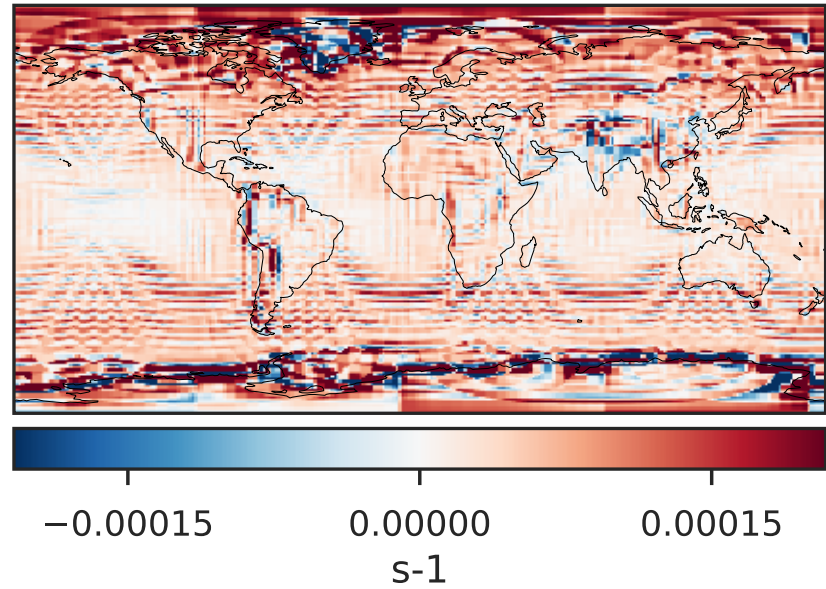
GCHP_14.2.0 (Dev)
c24



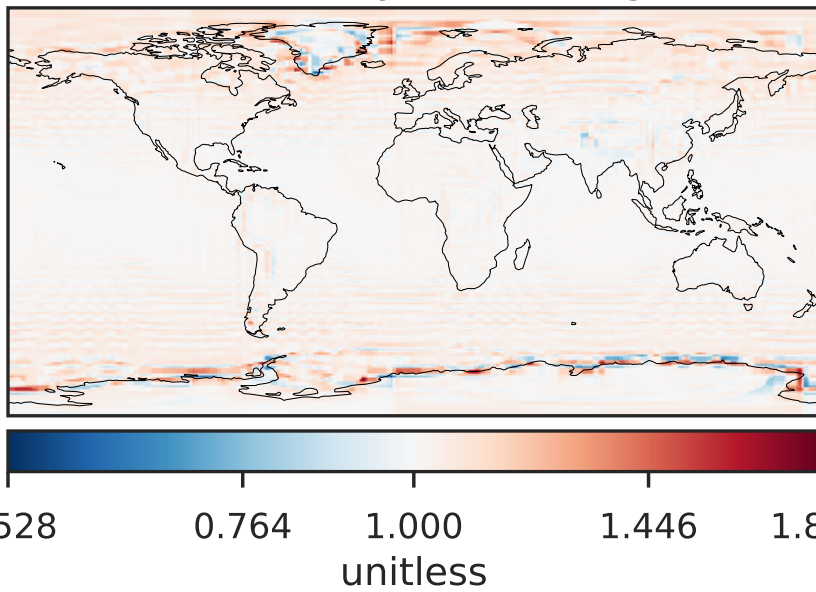
Difference (1x1.25)
Dev - Ref, Dynamic Range



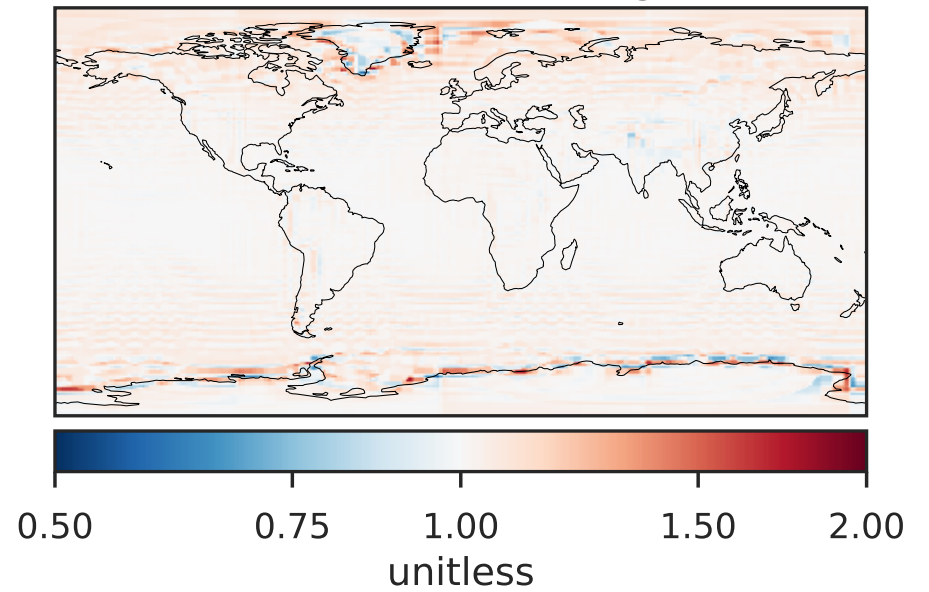
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

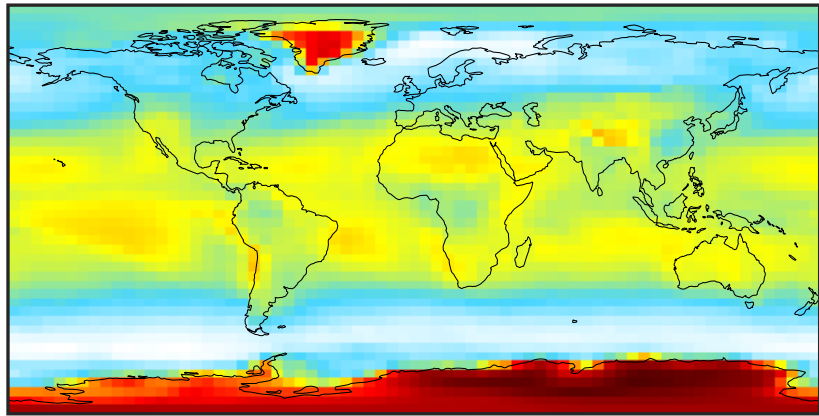


Ratio (1x1.25)
Dev/Ref, Fixed Range



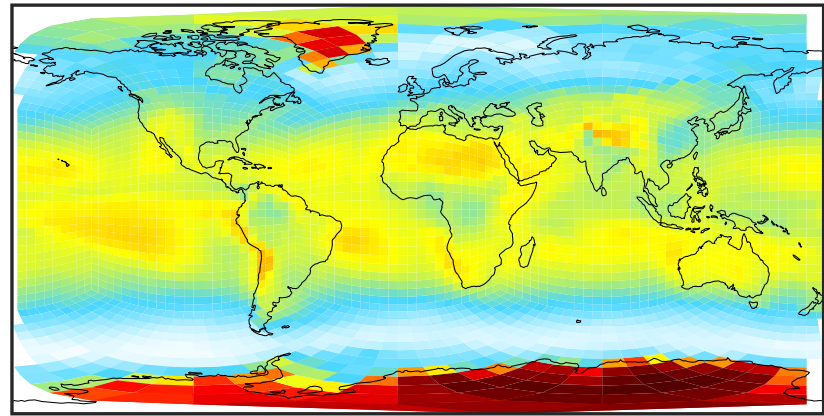
Jval_NO3 (AnnualMean)

GCC_14.2.0 (Ref)
4.0x5.0



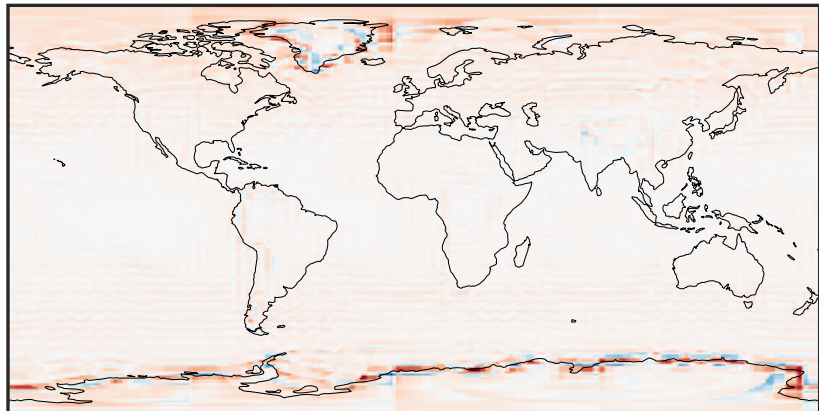
0.0097 0.0527 0.0790 0.1351
s-1

GCHP_14.2.0 (Dev)
c24



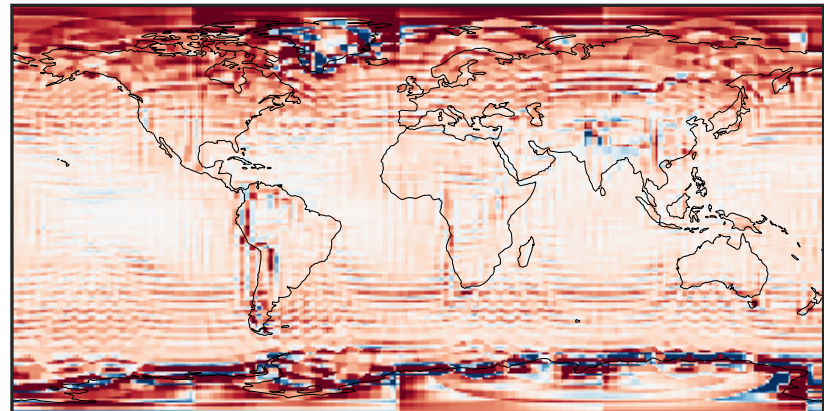
0.0097 0.0527 0.0790 0.1351
s-1

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



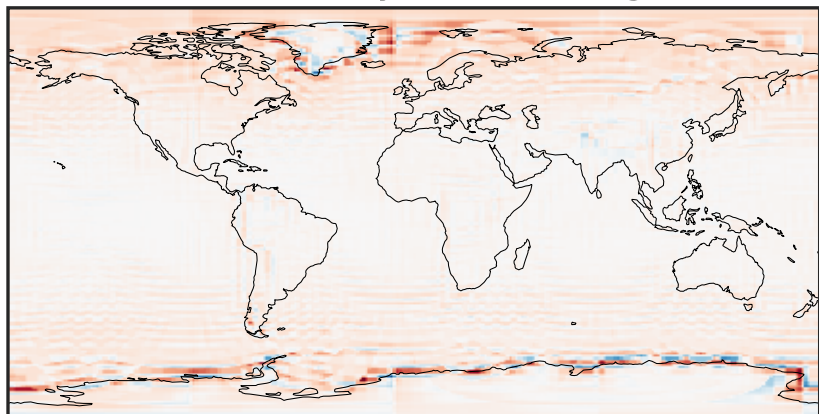
-0.025 0.000 0.025
s-1

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



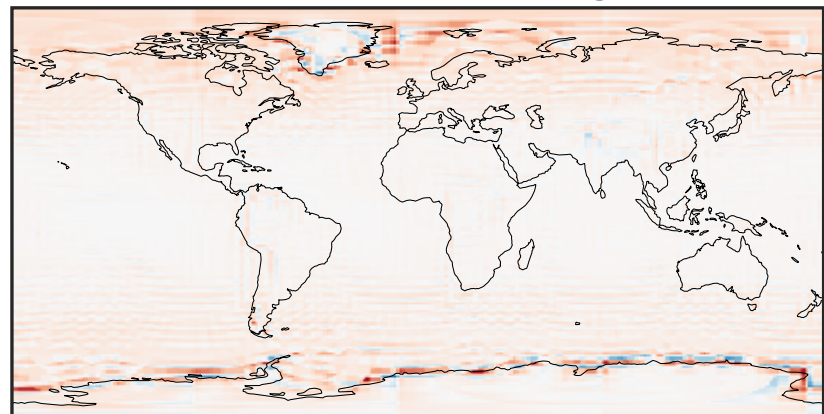
-0.005 0.000 0.005
s-1

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



0.534 0.767 1.000 1.437 1.874
unitless

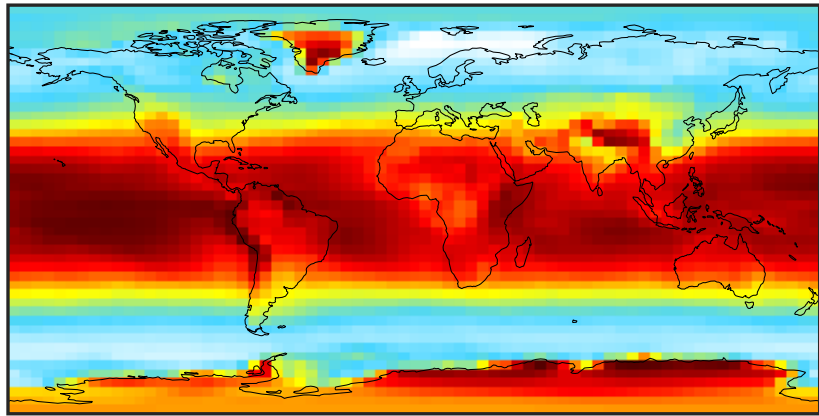
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

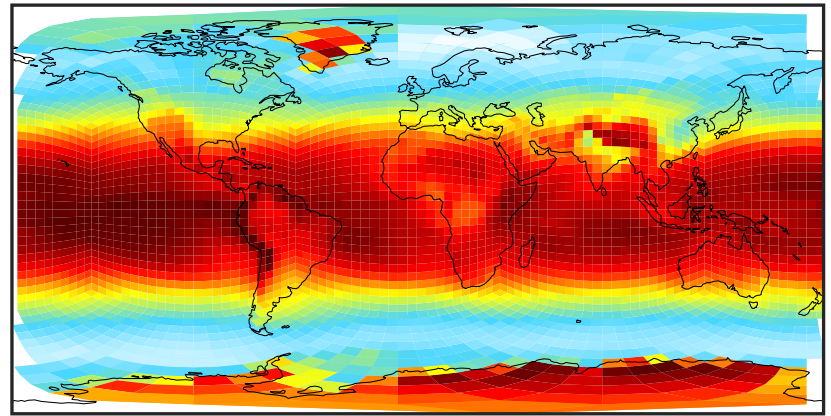
Jval_NPHEN (AnnualMean)

GCC_14.2.0 (Ref)
4.0x5.0



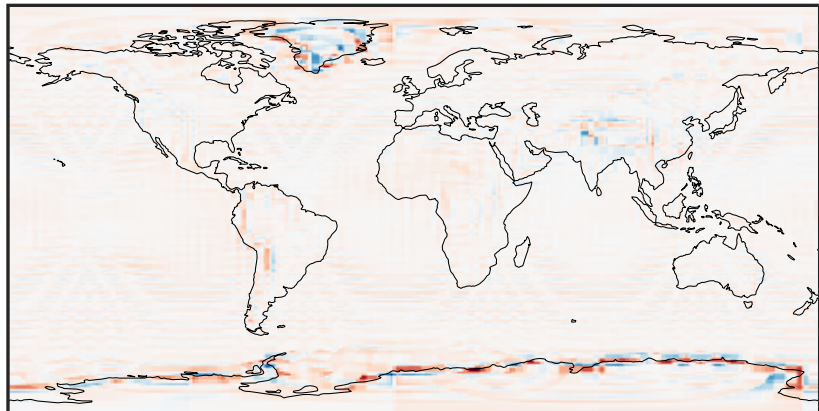
0.25 0.50 0.75 1.00
s-1 $1e-5$

GCHP_14.2.0 (Dev)
c24



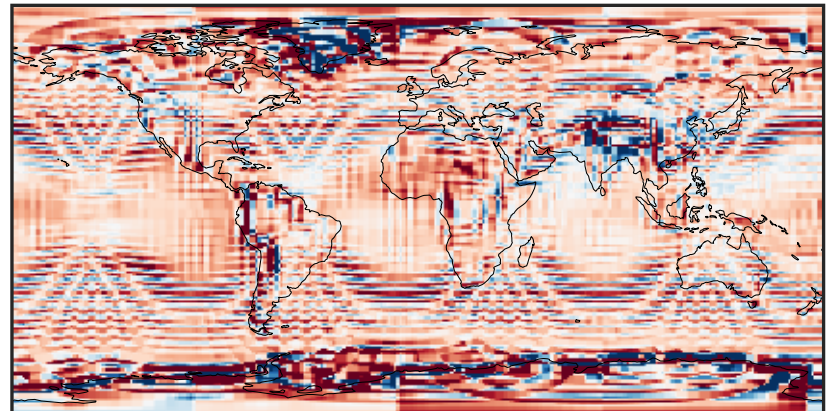
0.25 0.50 0.75 1.00
s-1 $1e-5$

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



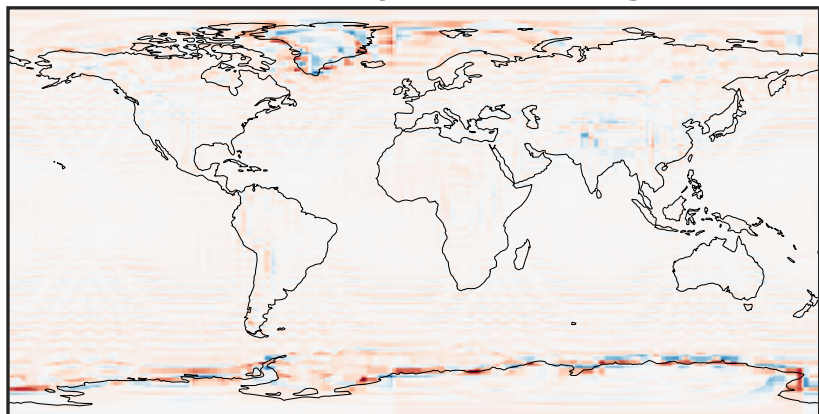
-2.5 0.0 2.5
s-1 $1e-6$

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



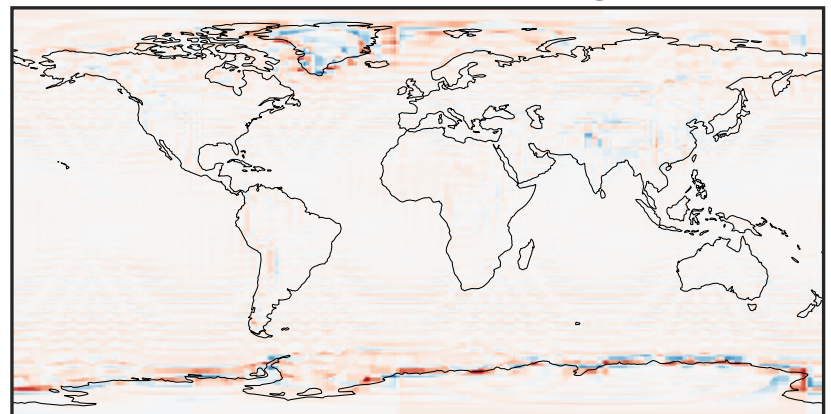
-3 0 3
s-1 $1e-7$

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



0.515 0.757 1.000 1.471 1.943
unitless

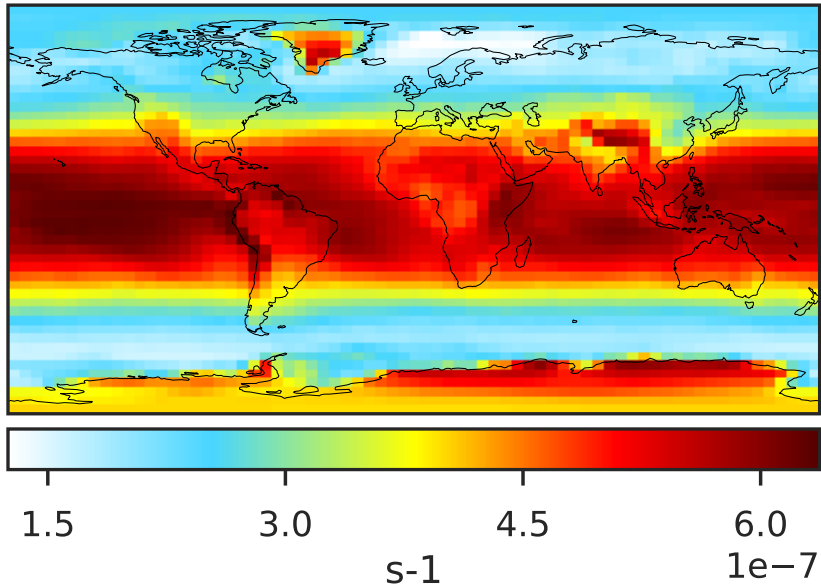
Ratio (1x1.25)
Dev/Ref, Fixed Range



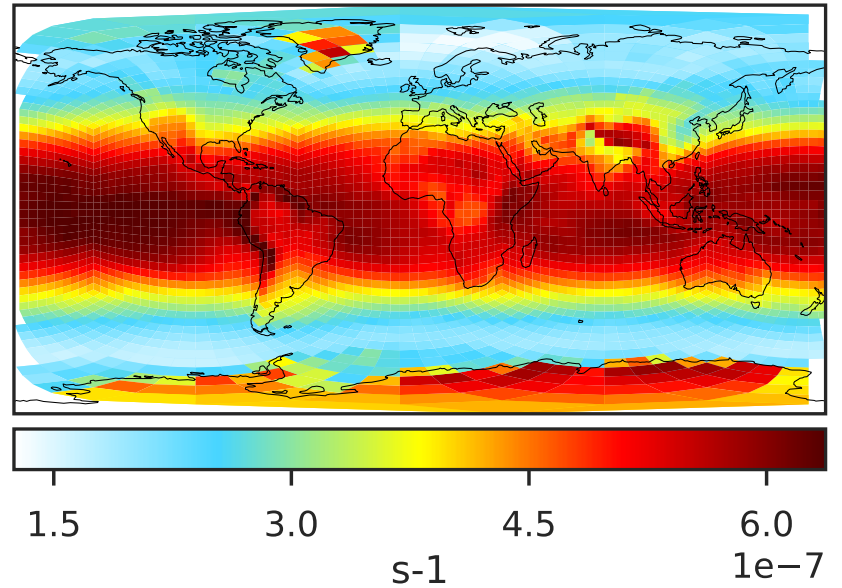
0.50 0.75 1.00 1.50 2.00
unitless

Jval_NPRNO3 (AnnualMean)

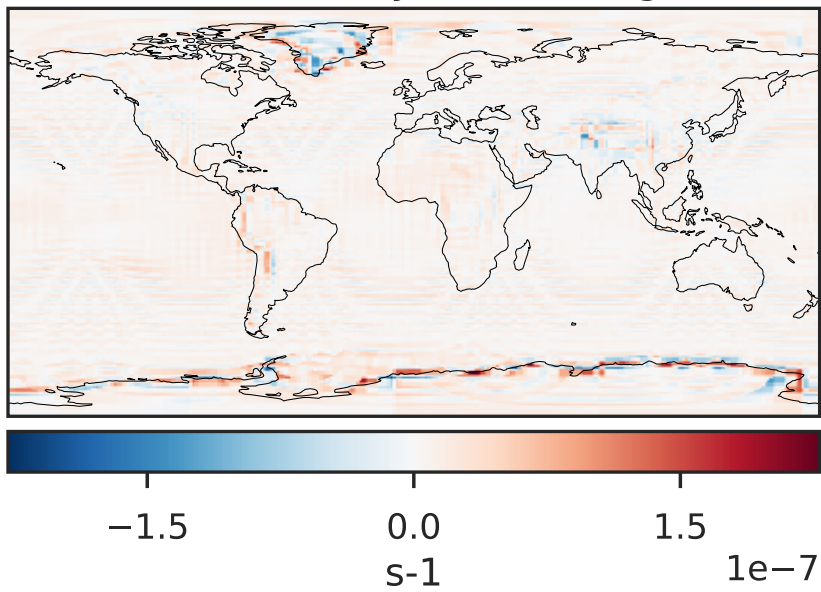
GCC_14.2.0 (Ref)
4.0x5.0



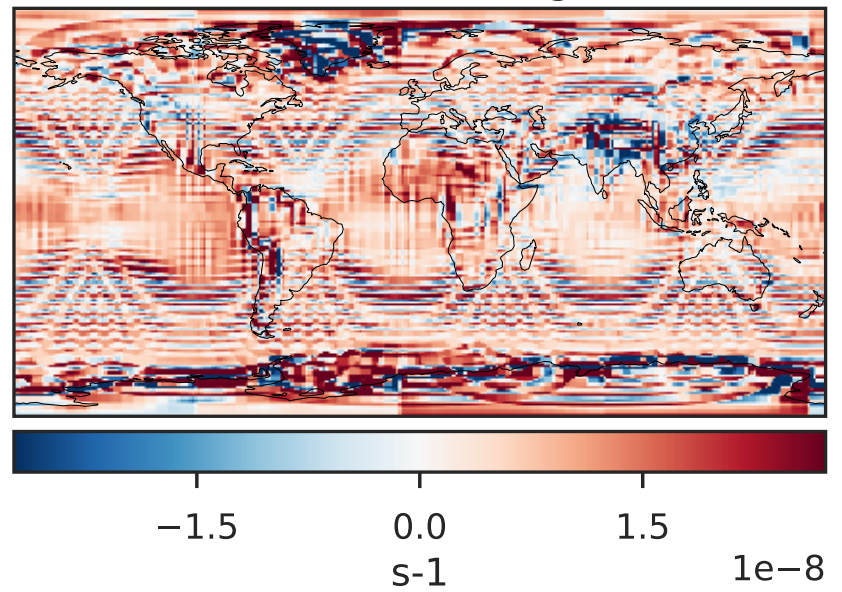
GCHP_14.2.0 (Dev)
c24



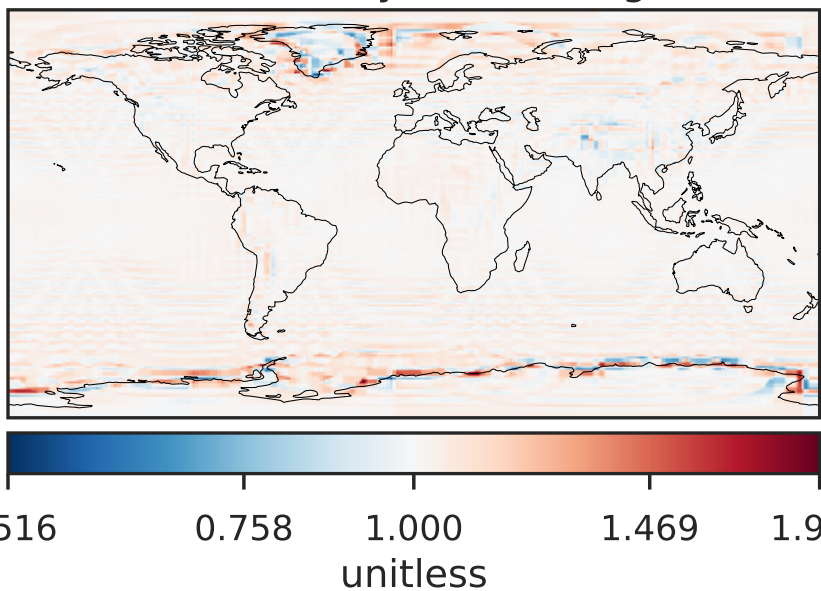
Difference (1x1.25)
Dev - Ref, Dynamic Range



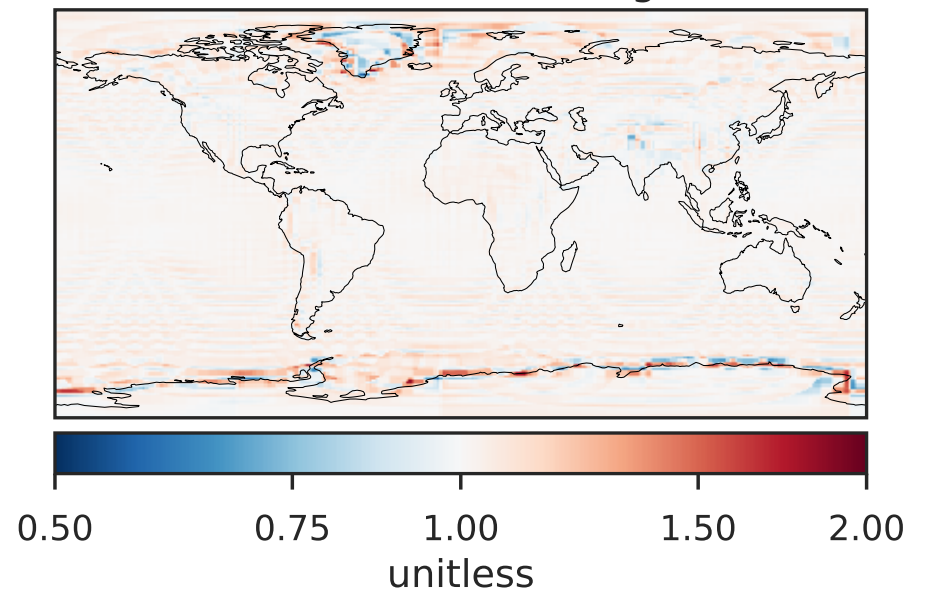
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

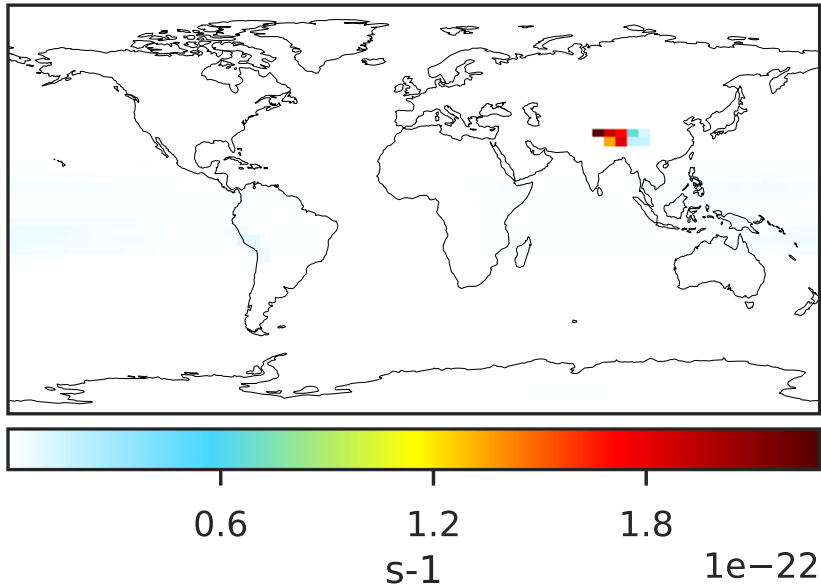


Ratio (1x1.25)
Dev/Ref, Fixed Range

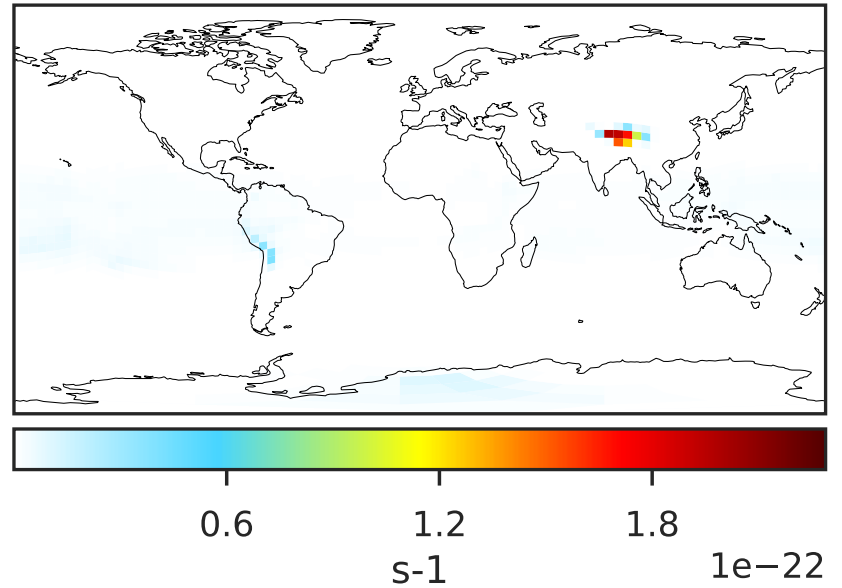


Jval_O2 (AnnualMean)

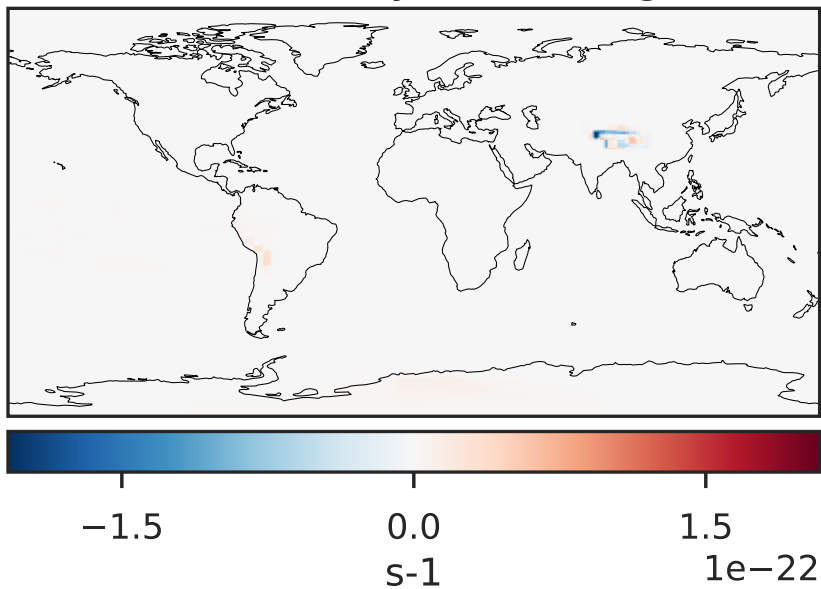
GCC_14.2.0 (Ref)
4.0x5.0



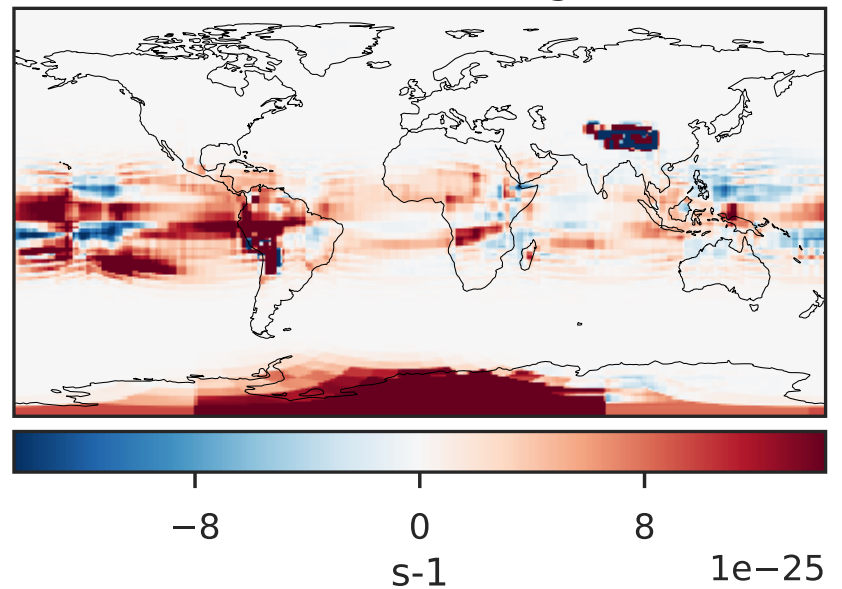
GCHP_14.2.0 (Dev)
c24



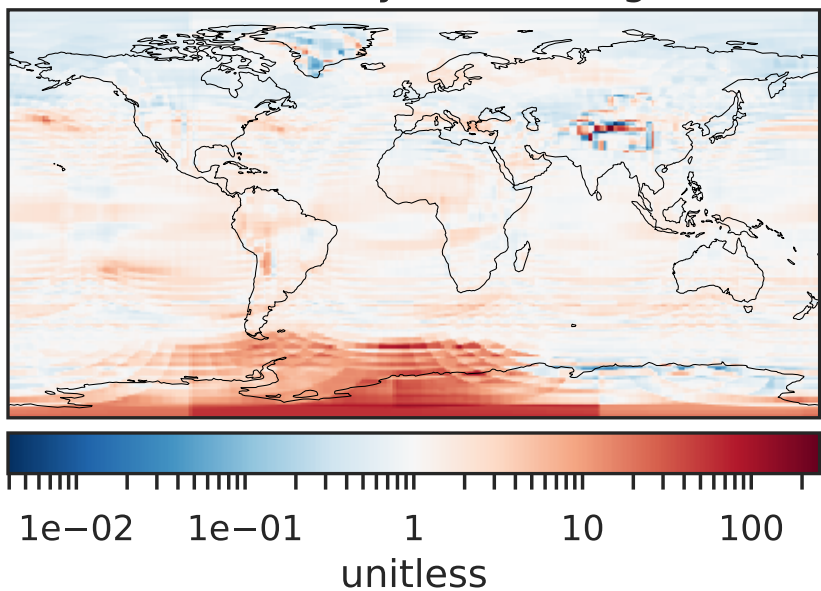
Difference (1x1.25)
Dev - Ref, Dynamic Range



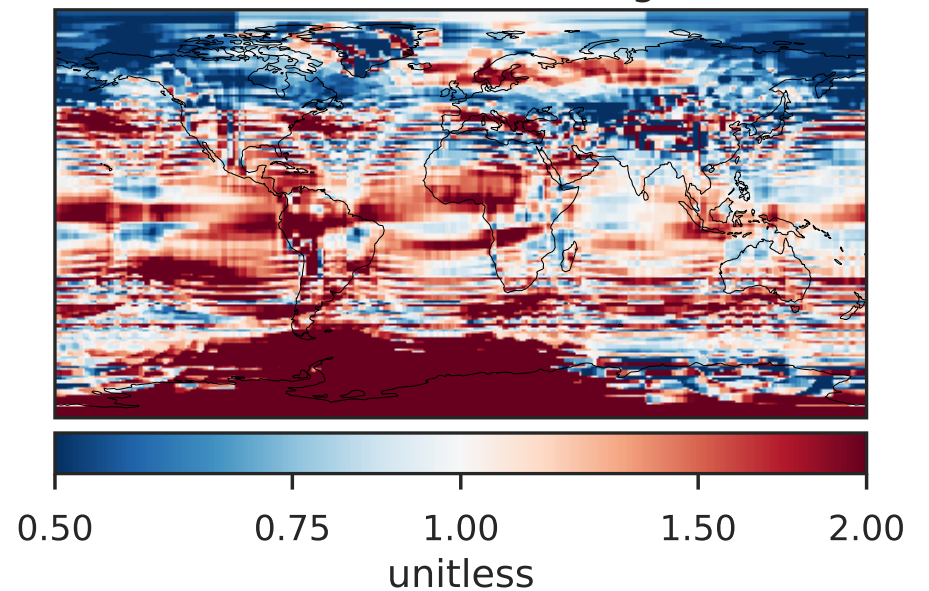
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

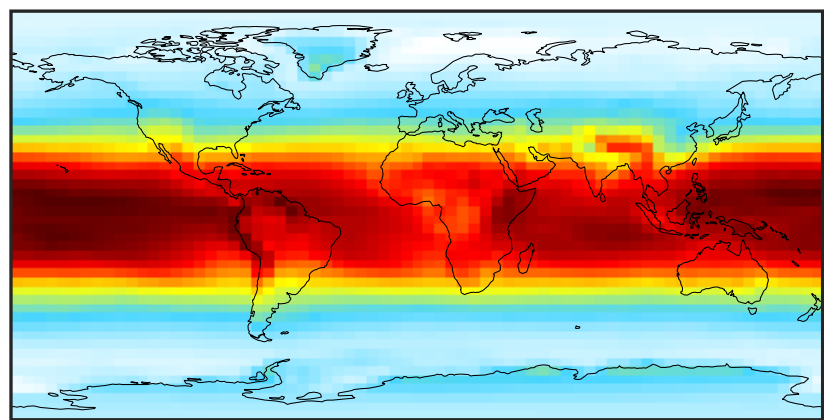


Ratio (1x1.25)
Dev/Ref, Fixed Range



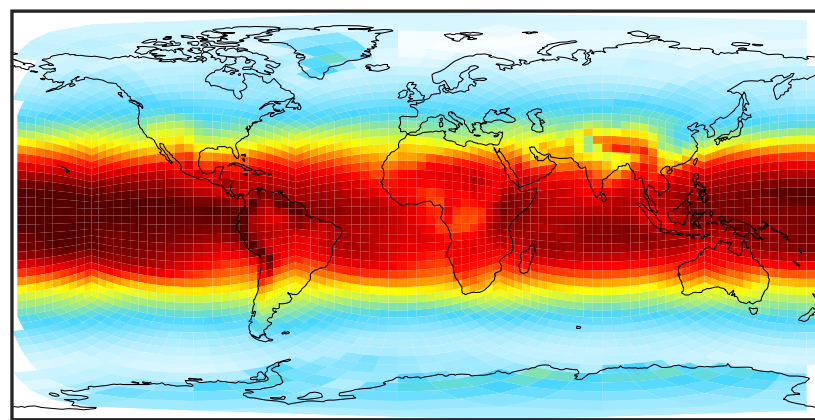
Jval_O3 (AnnualMean)

GCC_14.2.0 (Ref)
4.0x5.0



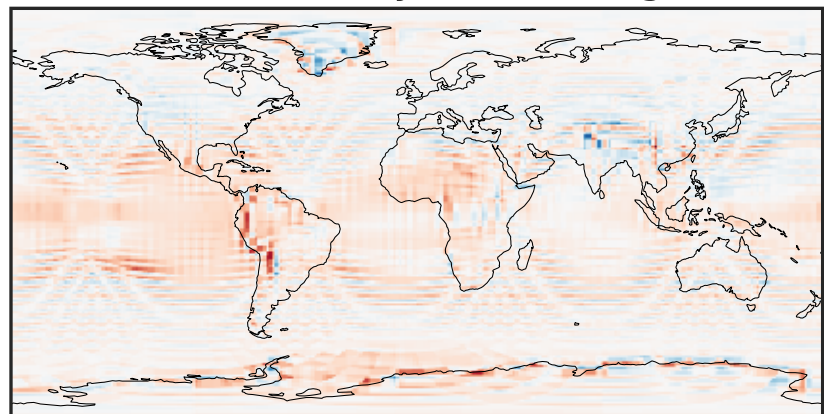
3 6 9
s-1 1e-6

GCHP_14.2.0 (Dev)
c24



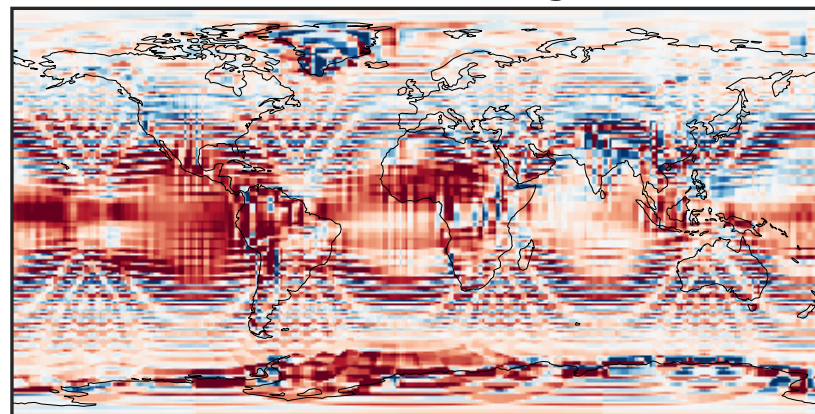
3 6 9
s-1 1e-6

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



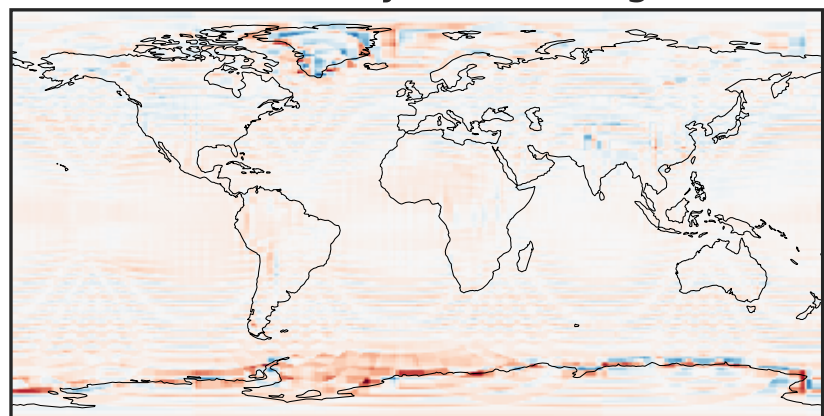
-1.5 0.0 1.5
s-1 1e-6

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



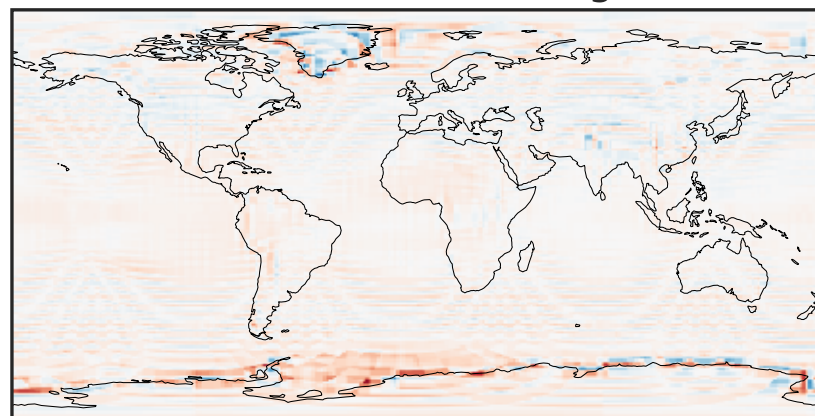
-2.5 0.0 2.5
s-1 1e-7

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



0.548 0.774 1.000 1.413 1.825
unitless

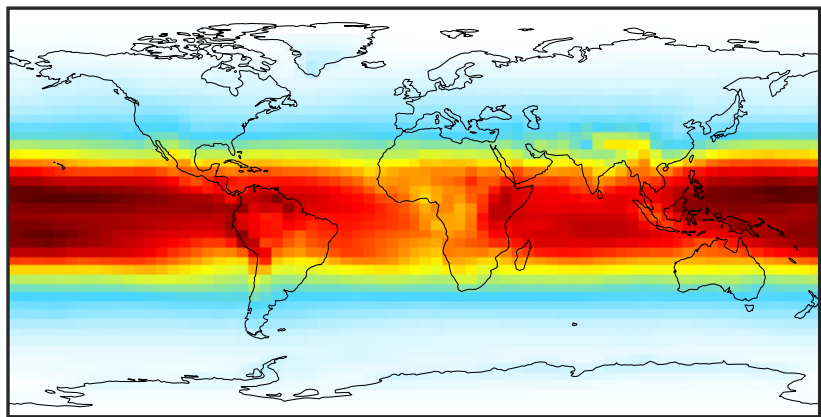
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

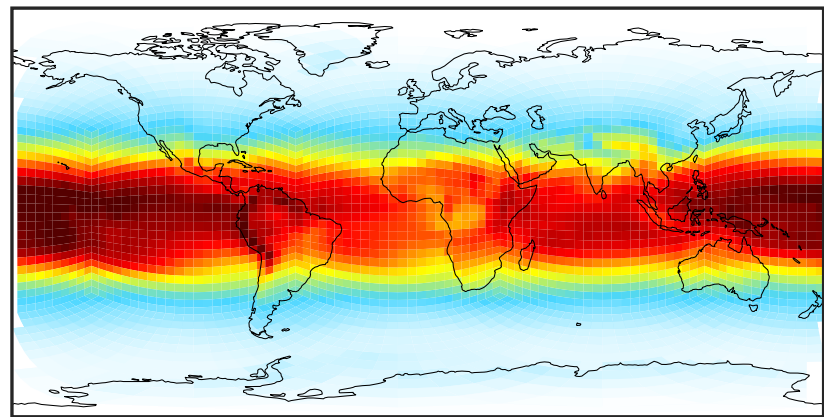
Jval_OCS (AnnualMean)

GCC_14.2.0 (Ref)
4.0x5.0



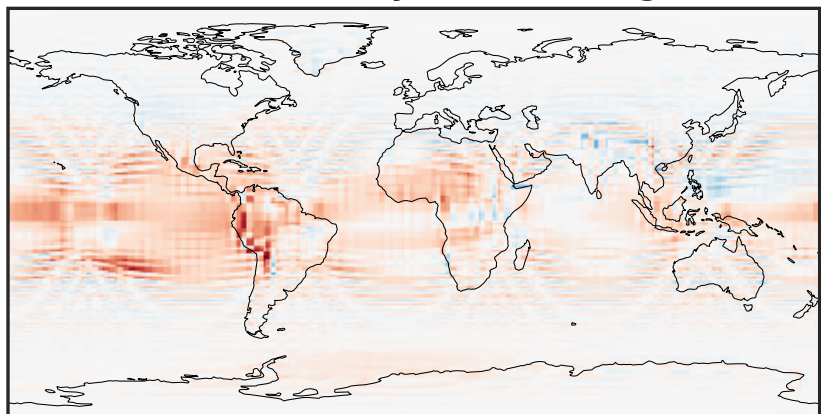
0.6 1.2 1.8
s-1 1e-12

GCHP_14.2.0 (Dev)
c24



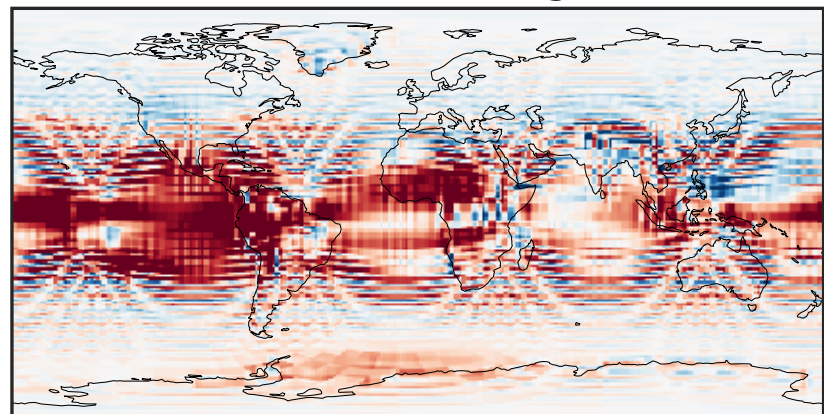
0.6 1.2 1.8
s-1 1e-12

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



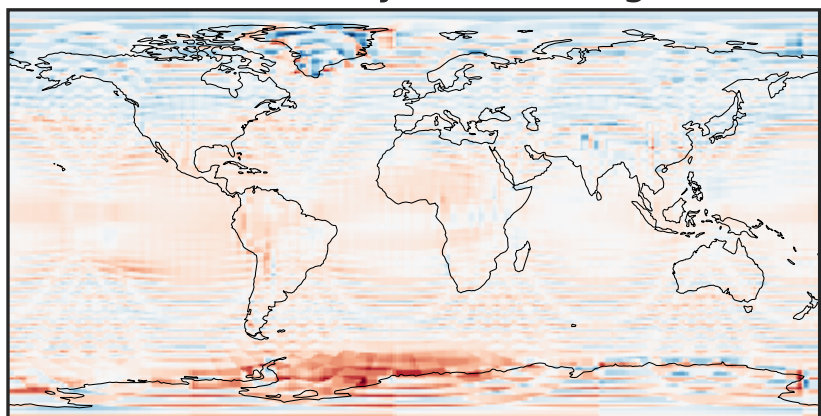
-2.5 0.0 2.5
s-1 1e-13

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



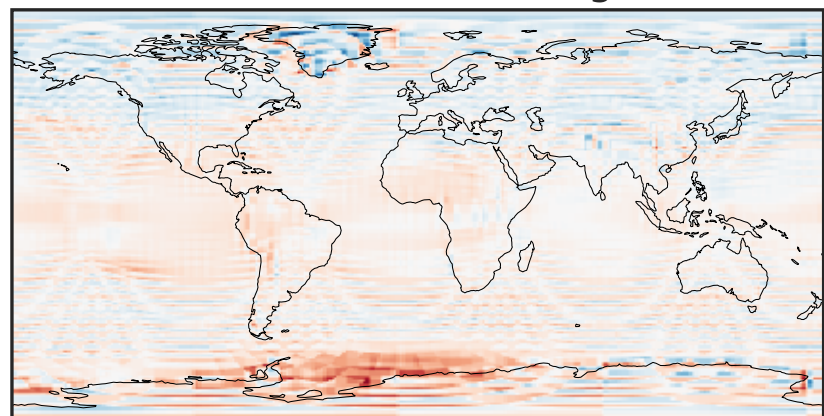
-6 0 6
s-1 1e-14

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



0.539 0.769 1.000 1.428 1.856
unitless

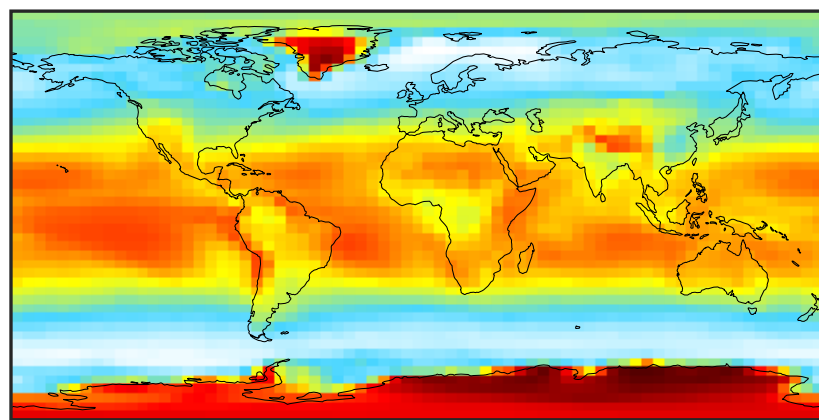
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

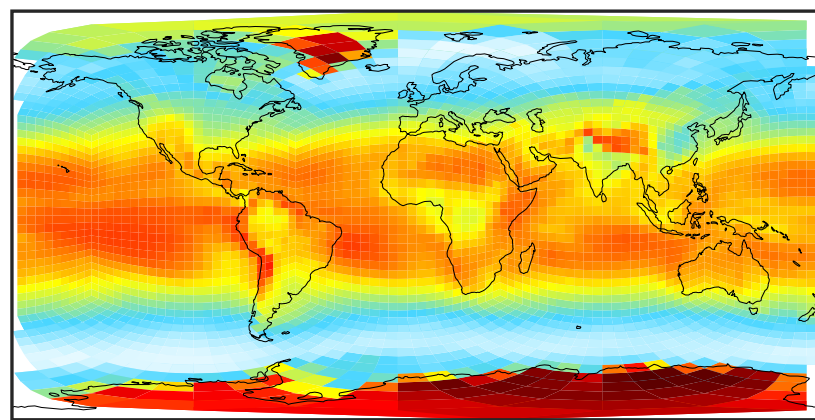
Jval_OCIO (AnnualMean)

GCC_14.2.0 (Ref)
4.0x5.0



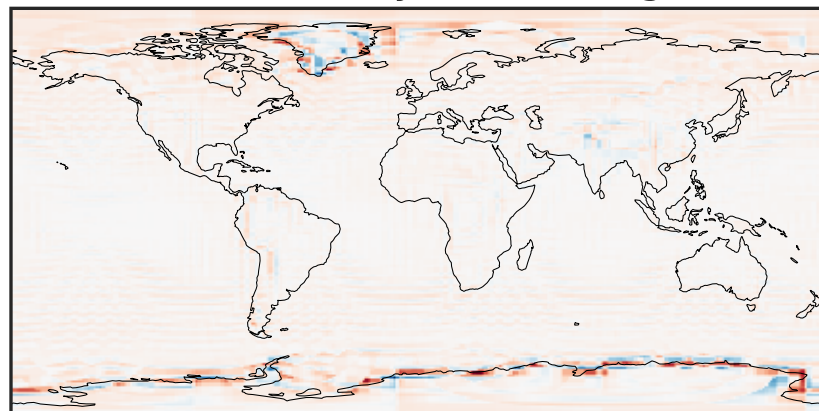
0.016 0.024 0.032
s-1

GCHP_14.2.0 (Dev)
c24



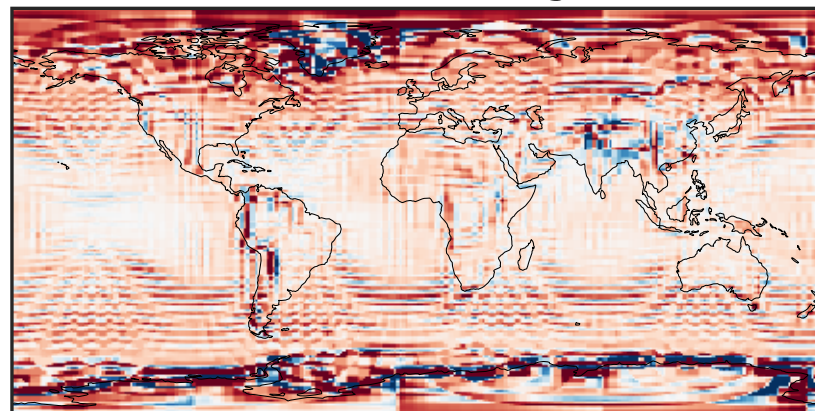
0.016 0.024 0.032
s-1

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



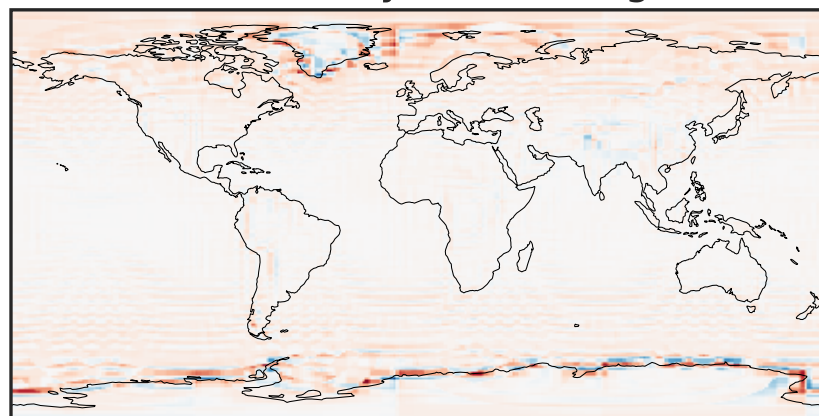
-0.008 0.000 0.008
s-1

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



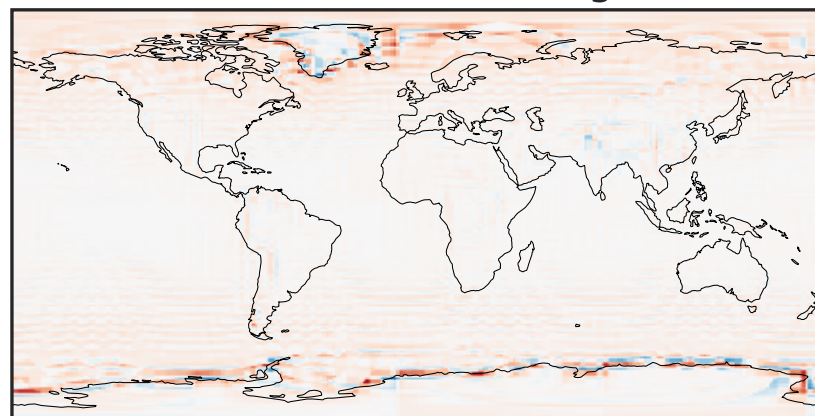
-0.001 0.000 0.001
s-1

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



0.526 0.763 1.000 1.450 1.900
unitless

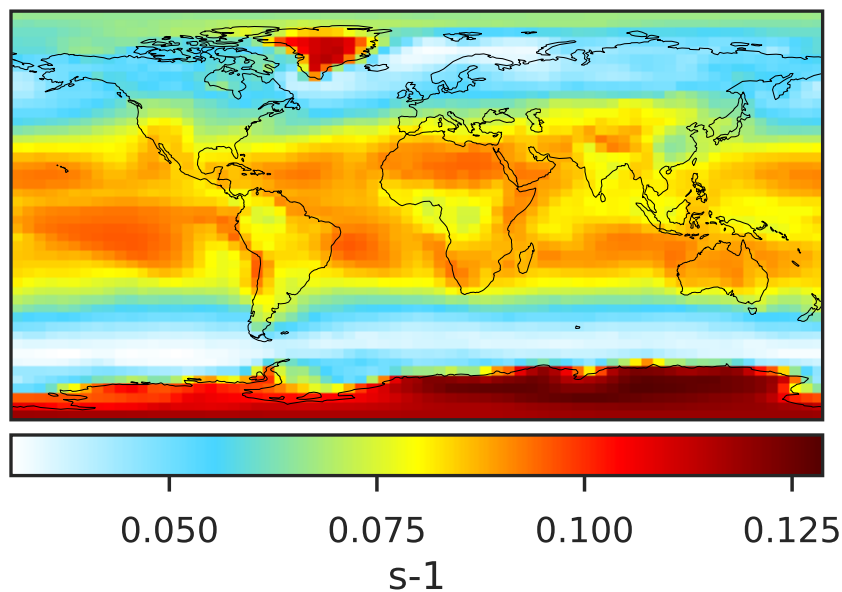
Ratio (1x1.25)
Dev/Ref, Fixed Range



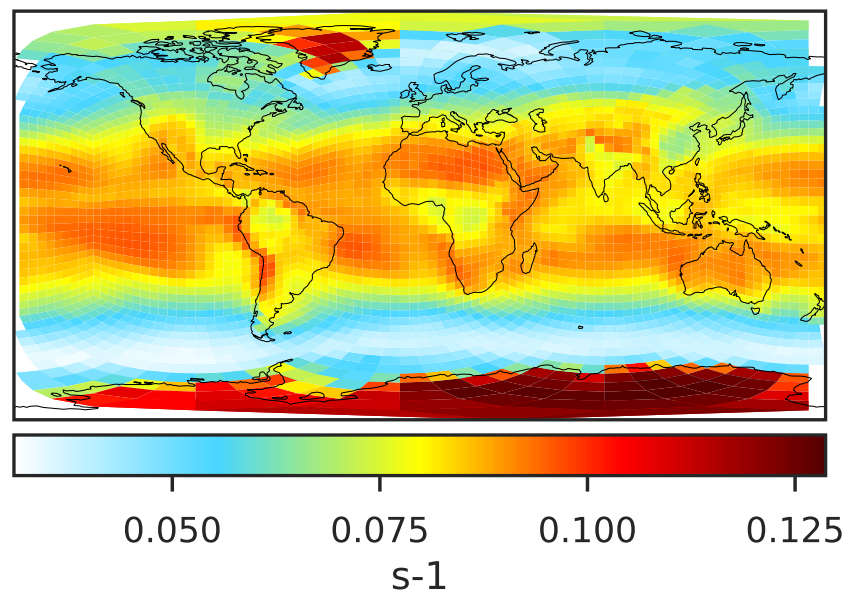
0.50 0.75 1.00 1.50 2.00
unitless

Jval_OIO (AnnualMean)

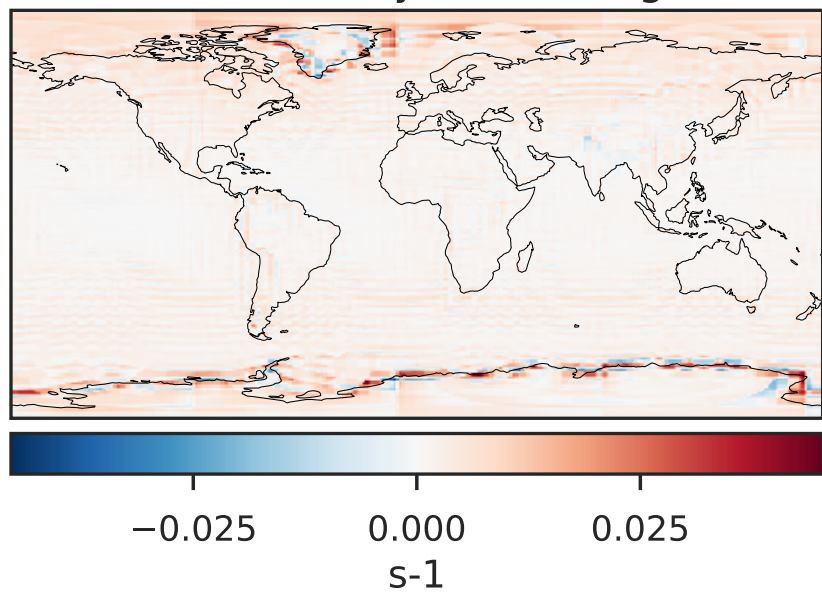
GCC_14.2.0 (Ref)
4.0x5.0



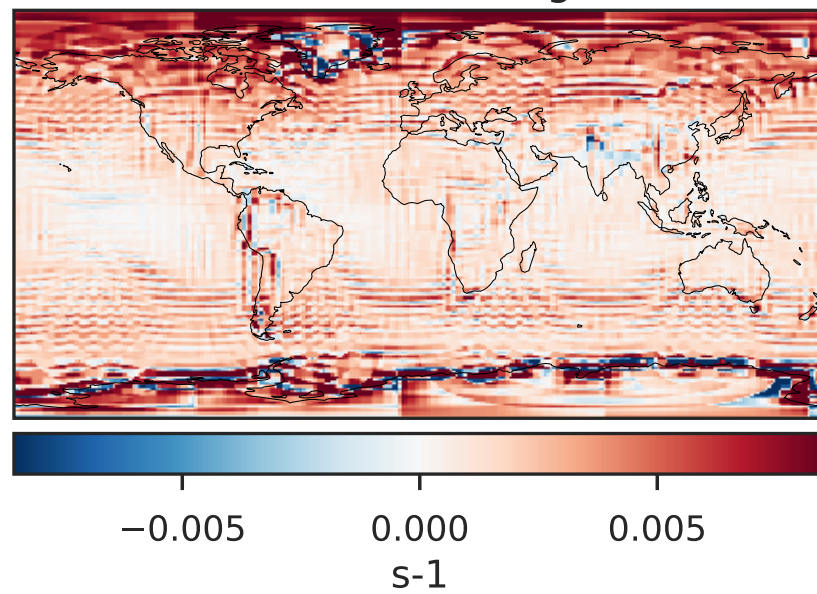
GCHP_14.2.0 (Dev)
c24



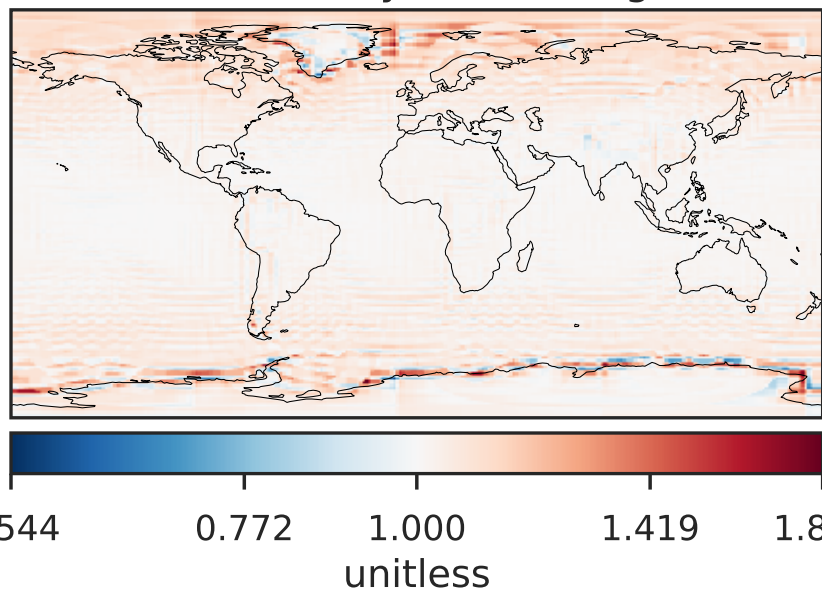
Difference (1x1.25)
Dev - Ref, Dynamic Range



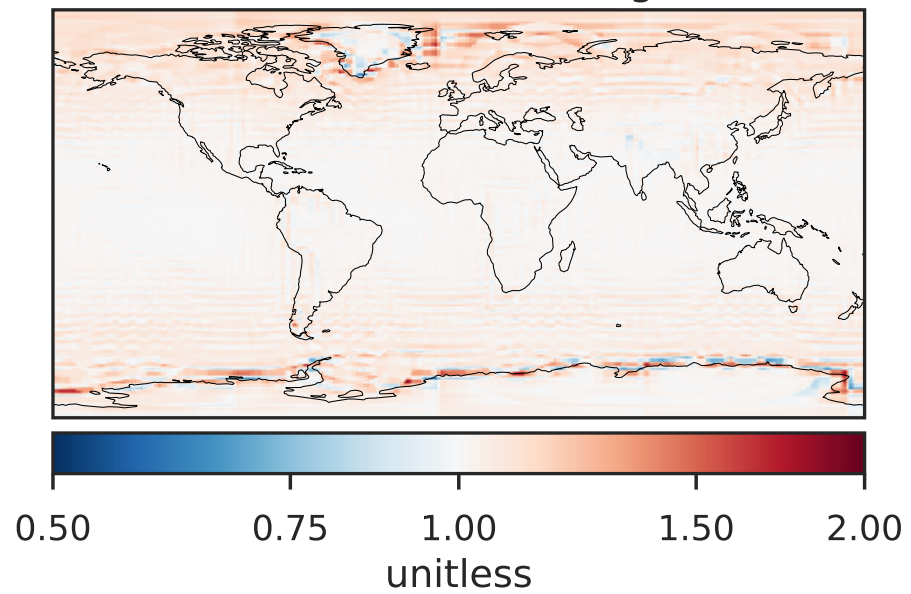
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

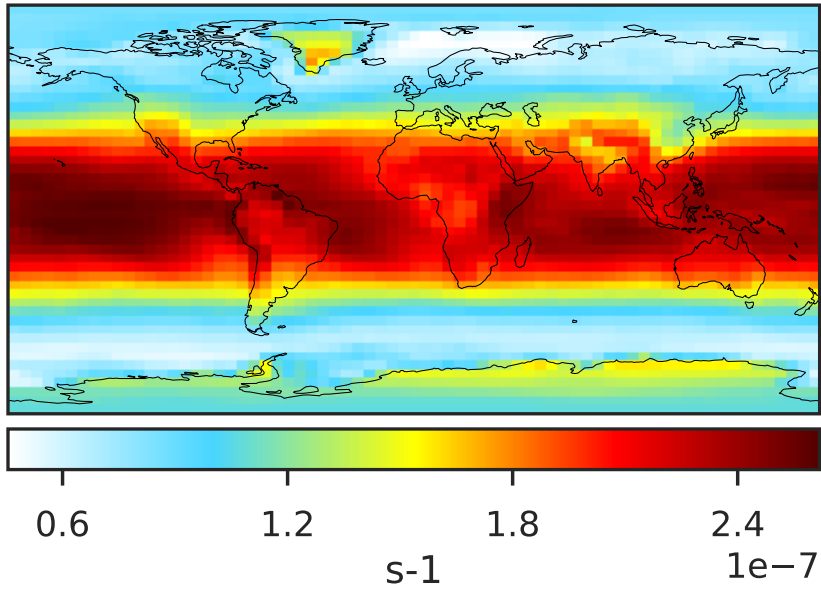


Ratio (1x1.25)
Dev/Ref, Fixed Range

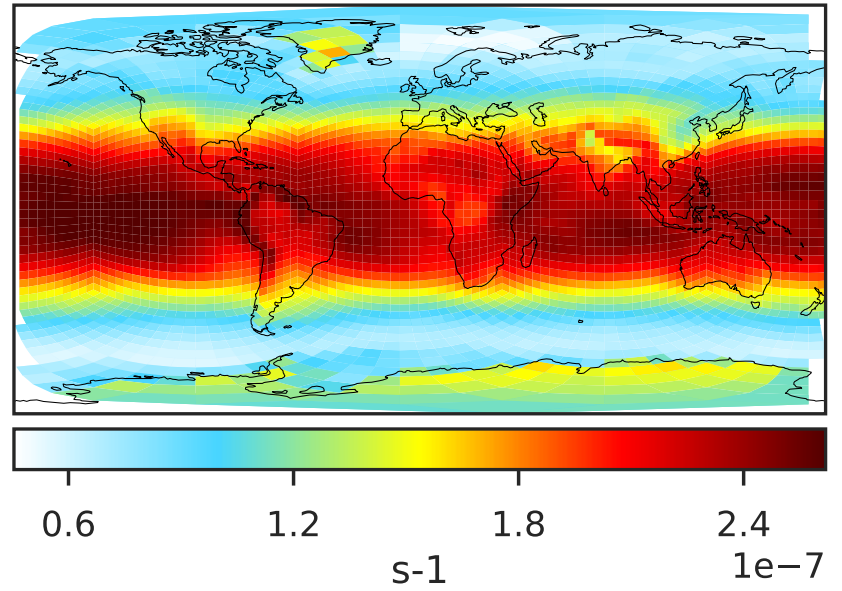


Jval_PAN (AnnualMean)

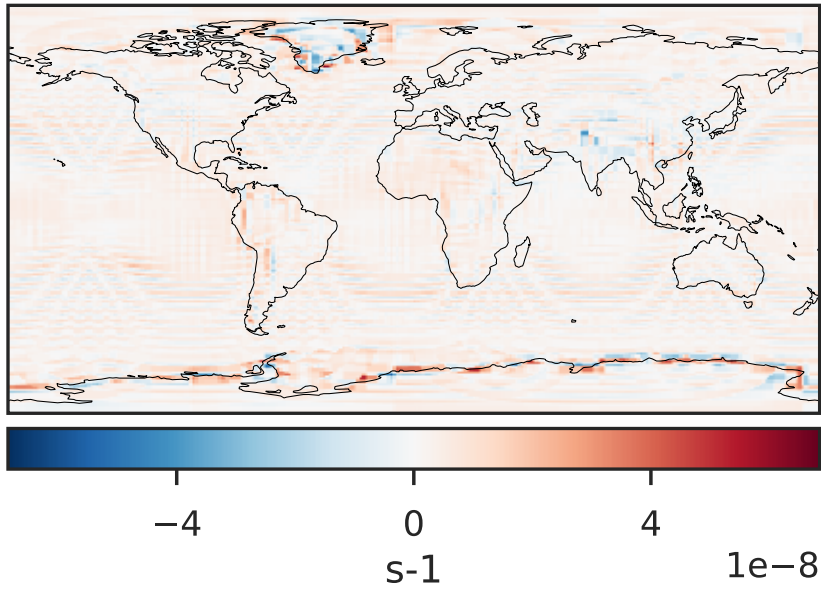
GCC_14.2.0 (Ref)
4.0x5.0



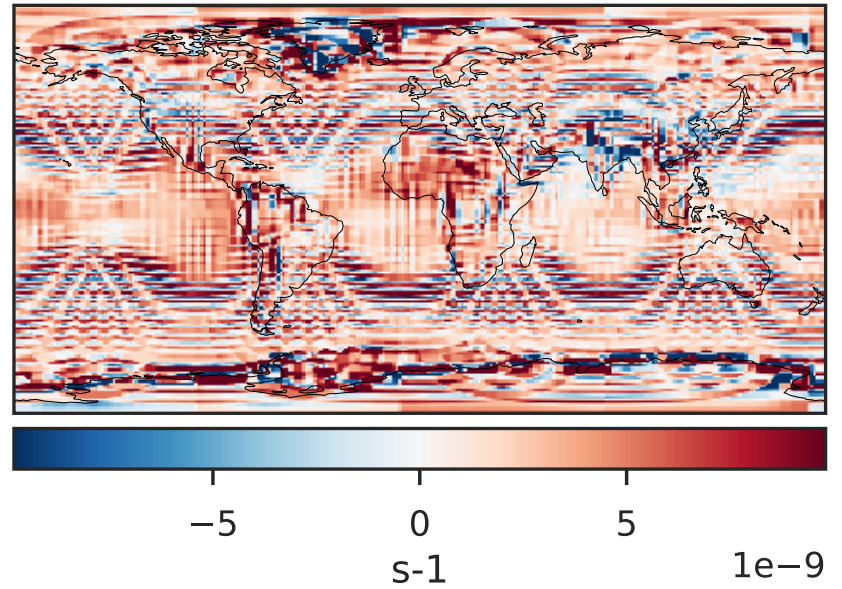
GCHP_14.2.0 (Dev)
c24



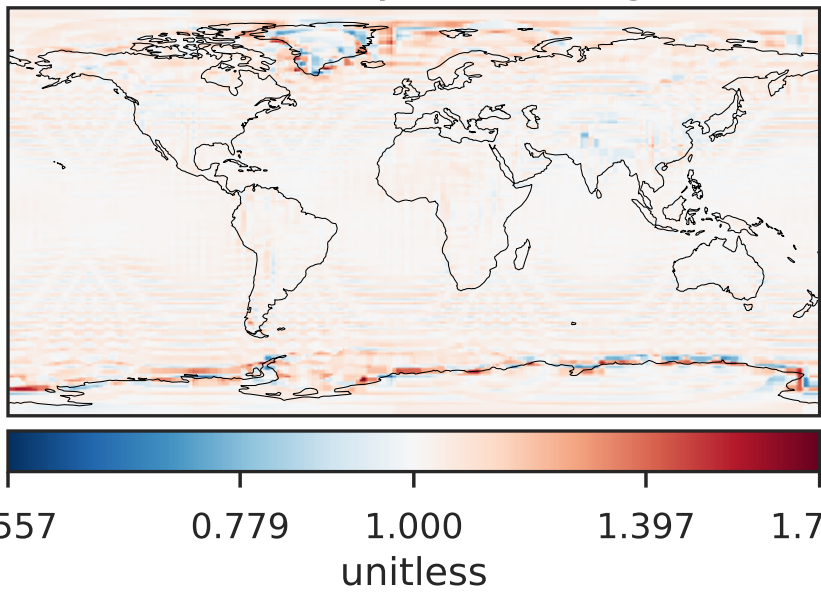
Difference (1x1.25)
Dev - Ref, Dynamic Range



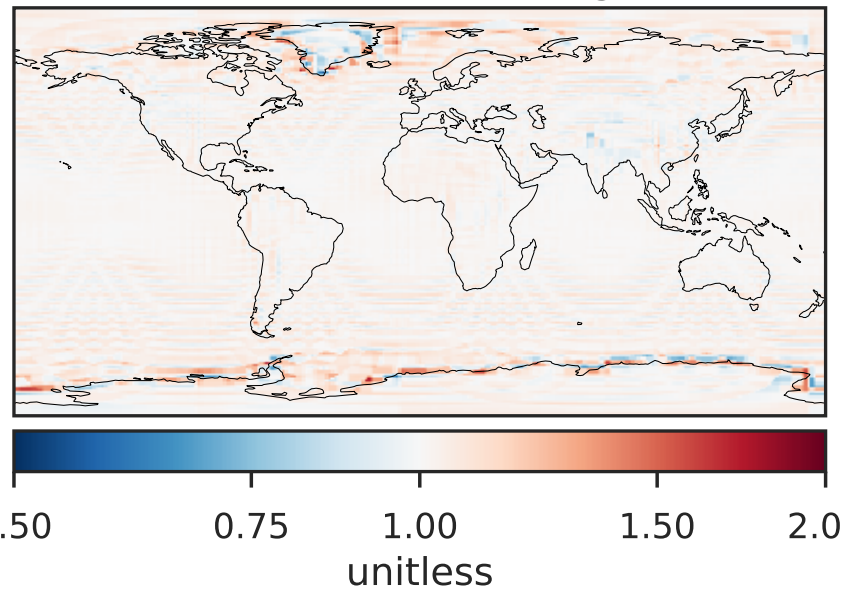
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

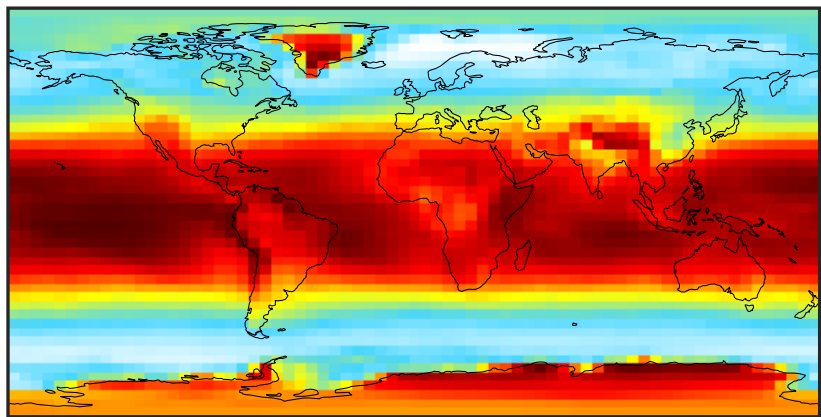


Ratio (1x1.25)
Dev/Ref, Fixed Range



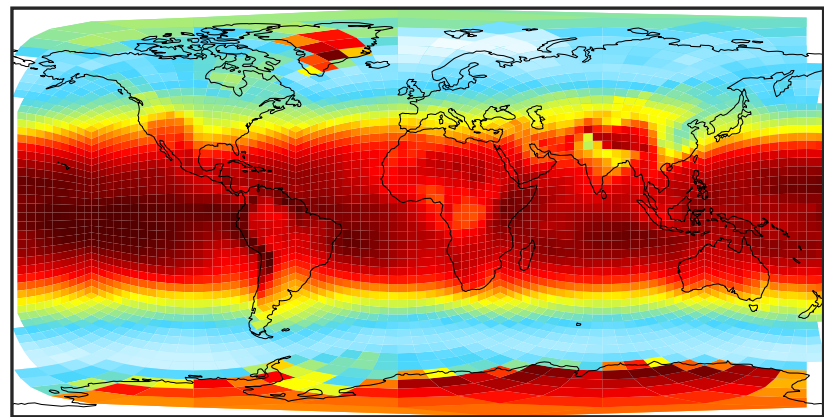
Jval_PIP (AnnualMean)

GCC_14.2.0 (Ref)
4.0x5.0



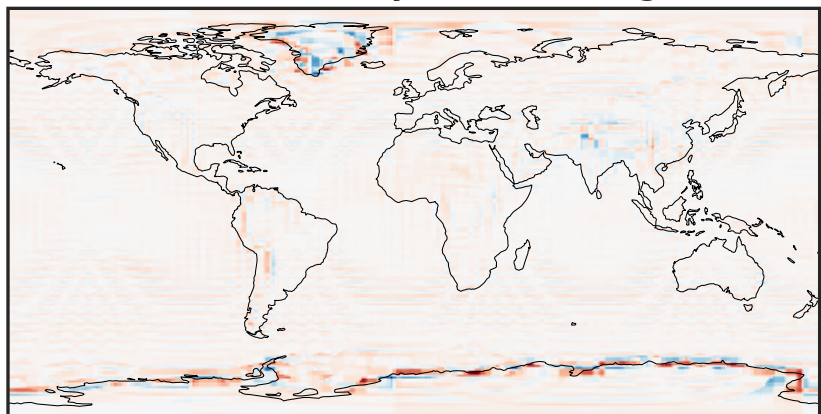
1.0 1.5 2.0
s-1 $1e-6$

GCHP_14.2.0 (Dev)
c24



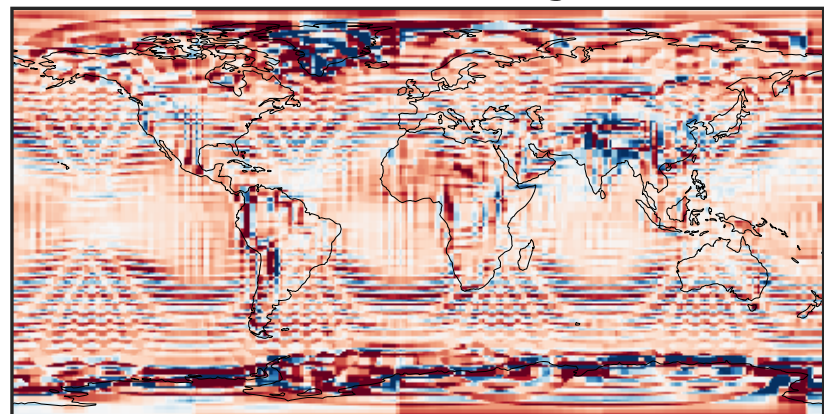
1.0 1.5 2.0
s-1 $1e-6$

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



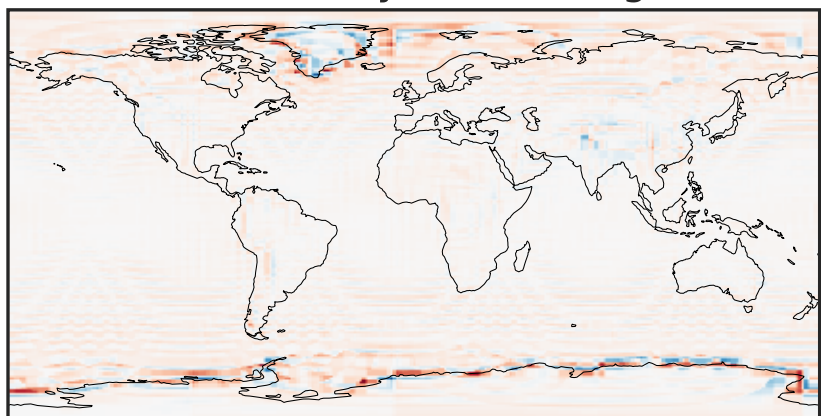
-5 0 5
s-1 $1e-7$

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



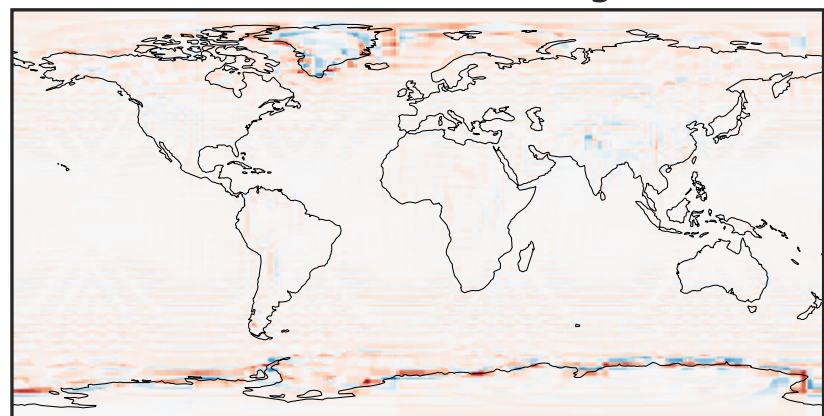
-6 0 6
s-1 $1e-8$

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



0.524 0.762 1.000 1.454 1.907
unitless

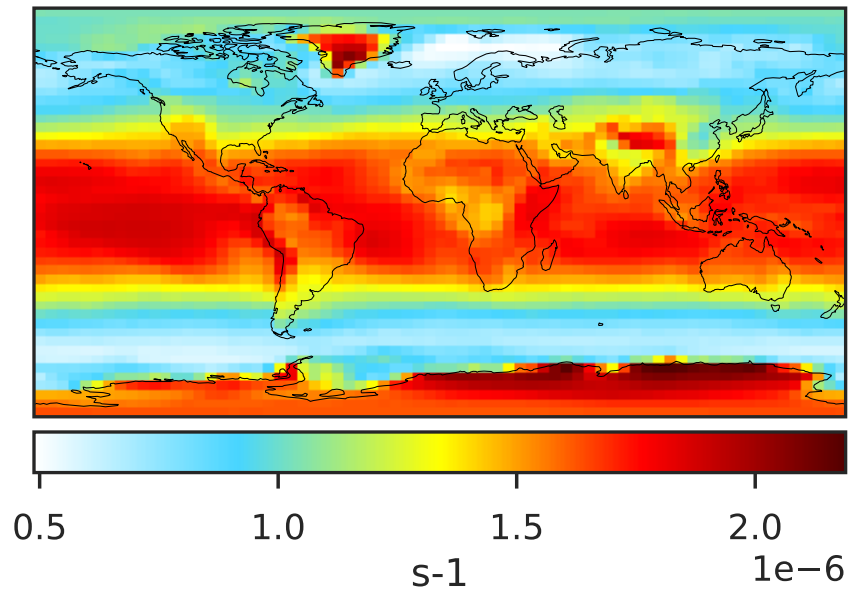
Ratio (1x1.25)
Dev/Ref, Fixed Range



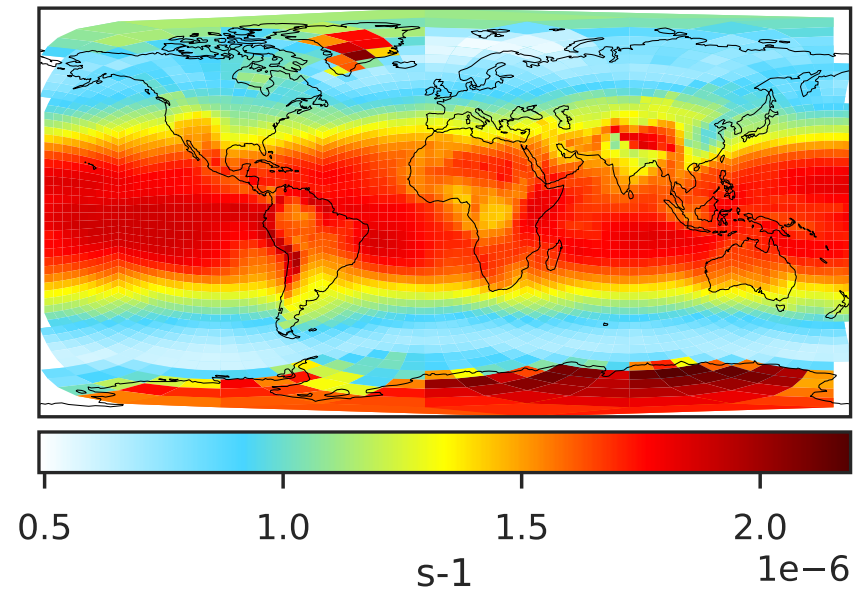
0.50 0.75 1.00 1.50 2.00
unitless

Jval_PP (AnnualMean)

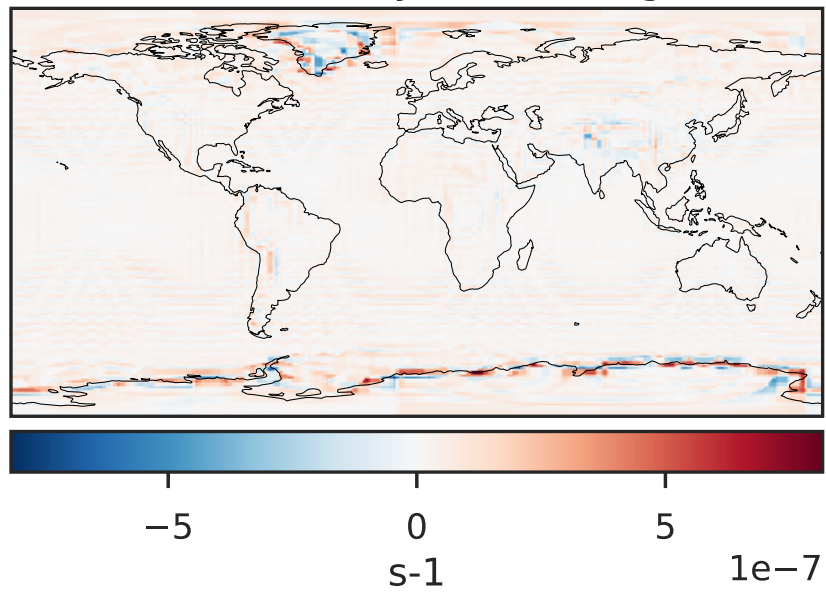
GCC_14.2.0 (Ref)
4.0x5.0



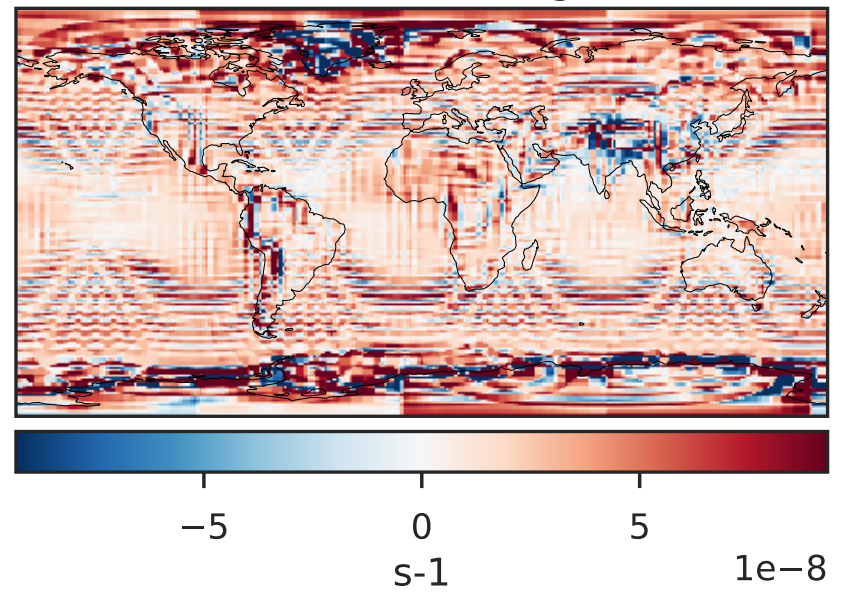
GCHP_14.2.0 (Dev)
c24



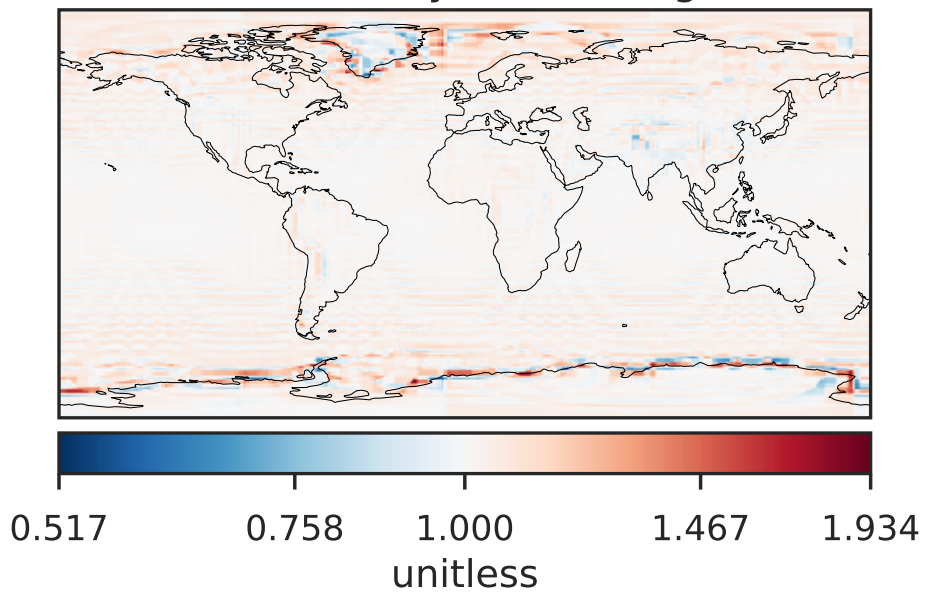
Difference (1x1.25)
Dev - Ref, Dynamic Range



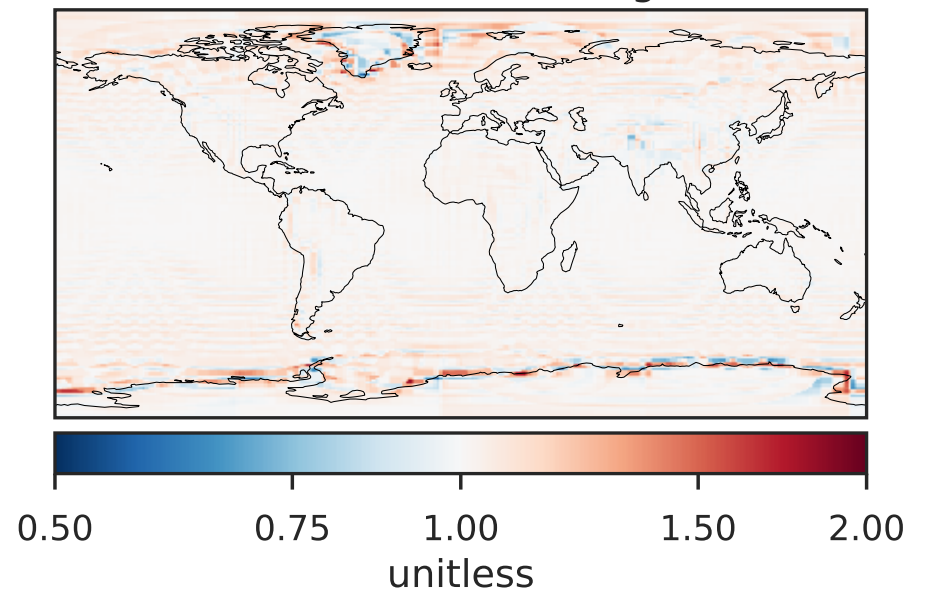
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

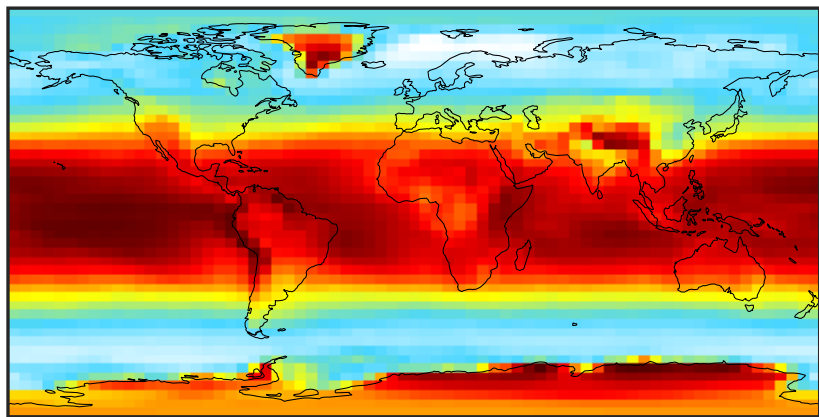


Ratio (1x1.25)
Dev/Ref, Fixed Range



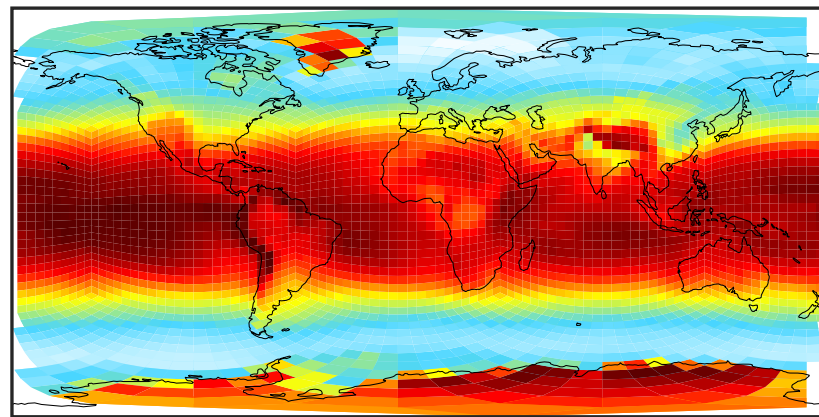
Jval_PROPNN (AnnualMean)

GCC_14.2.0 (Ref)
4.0x5.0



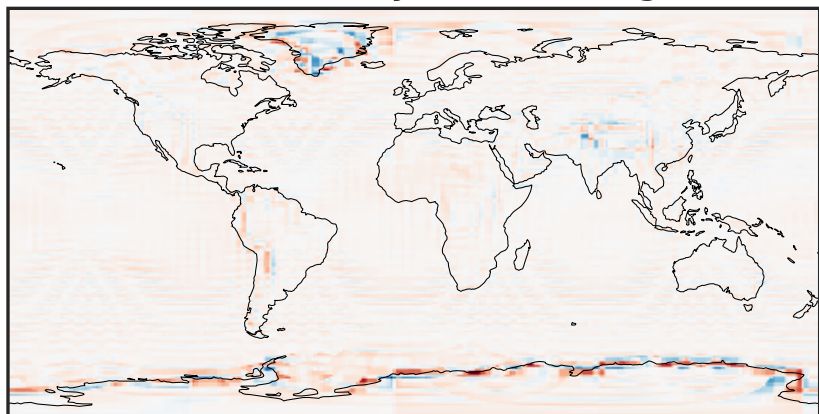
0.25 0.50 0.75 1.00
s-1 $1e-5$

GCHP_14.2.0 (Dev)
c24



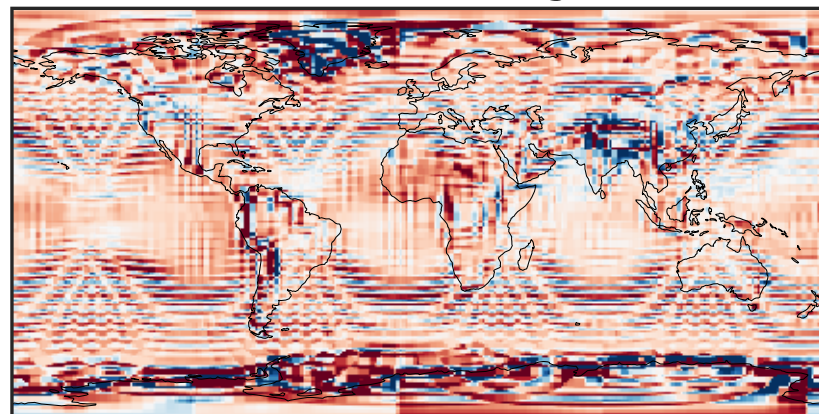
0.25 0.50 0.75 1.00
s-1 $1e-5$

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



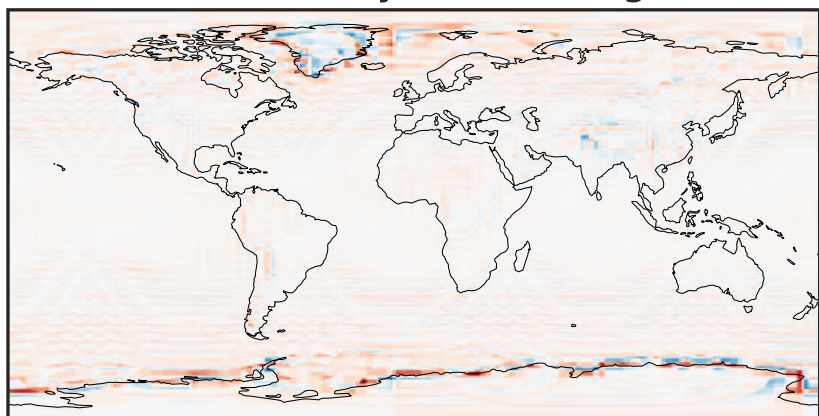
-2.5 0.0 2.5
s-1 $1e-6$

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



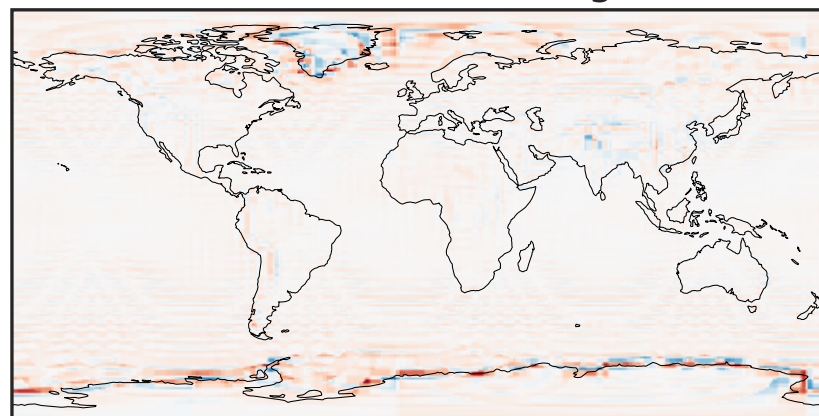
-3 0 3
s-1 $1e-7$

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



0.515 0.757 1.000 1.471 1.943
unitless

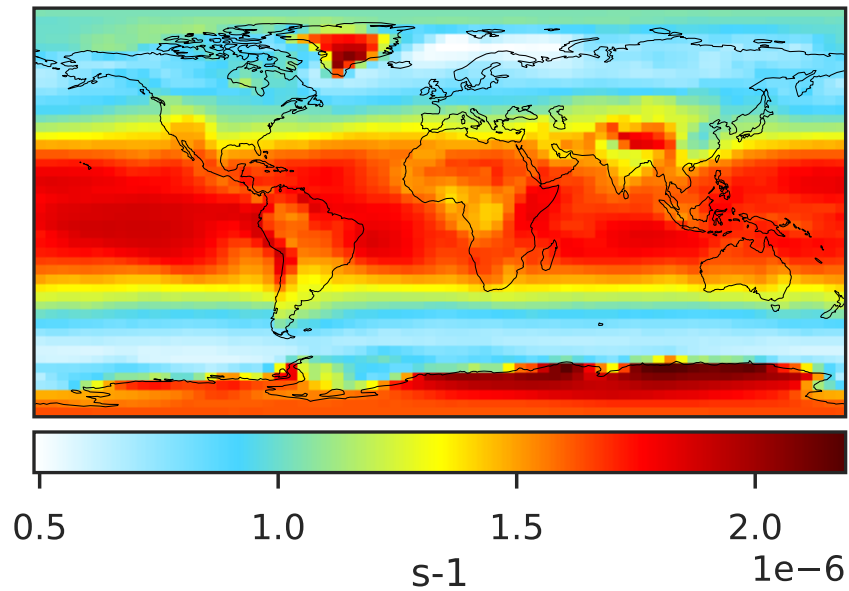
Ratio (1x1.25)
Dev/Ref, Fixed Range



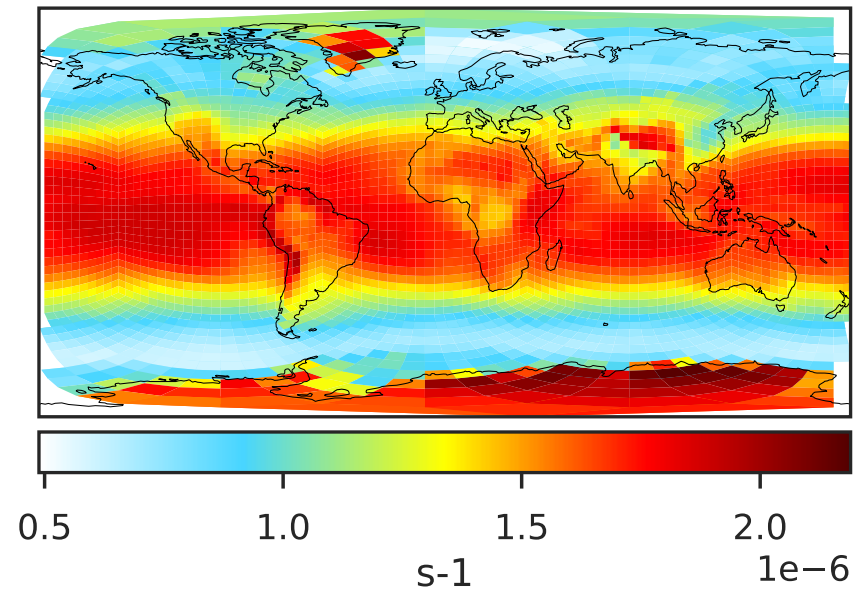
0.50 0.75 1.00 1.50 2.00
unitless

Jval_PRPN (AnnualMean)

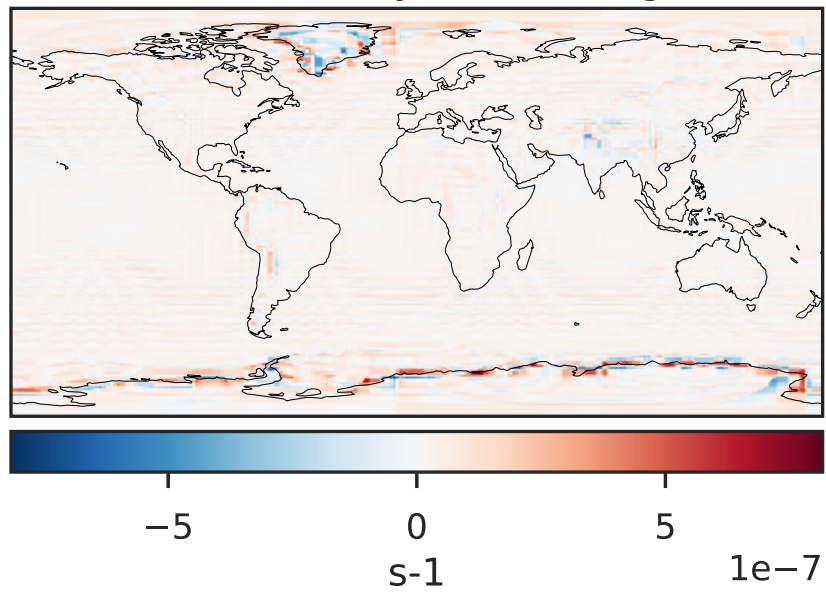
GCC_14.2.0 (Ref)
4.0x5.0



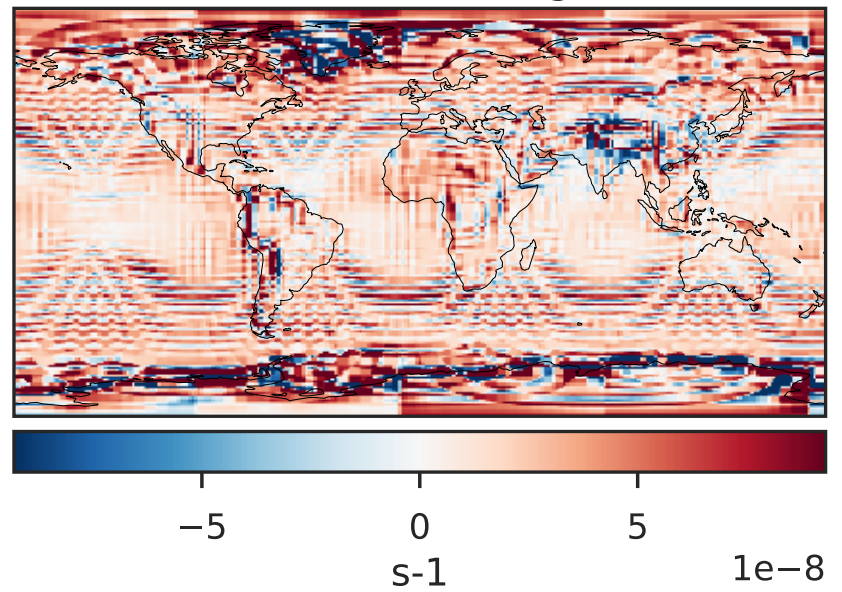
GCHP_14.2.0 (Dev)
c24



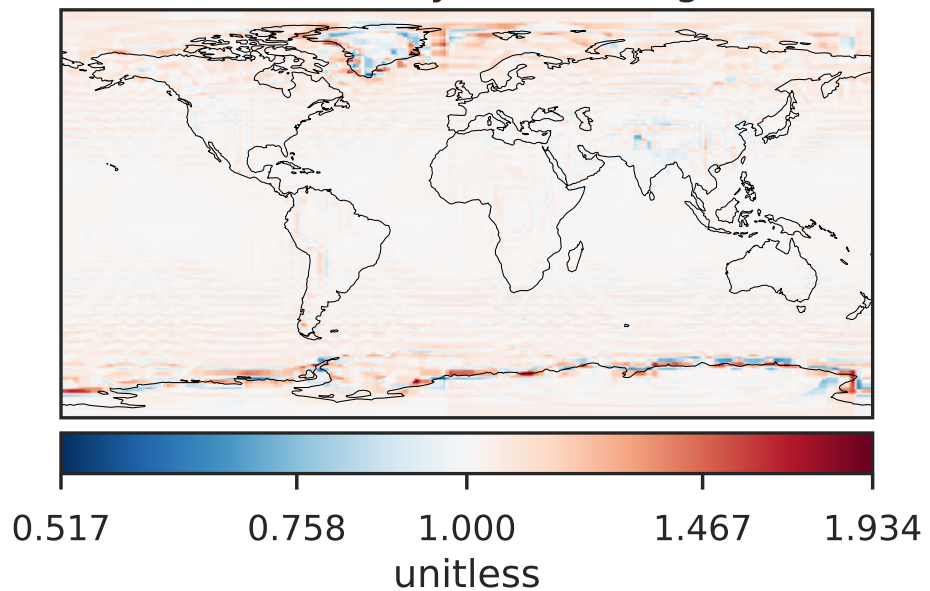
Difference (1x1.25)
Dev - Ref, Dynamic Range



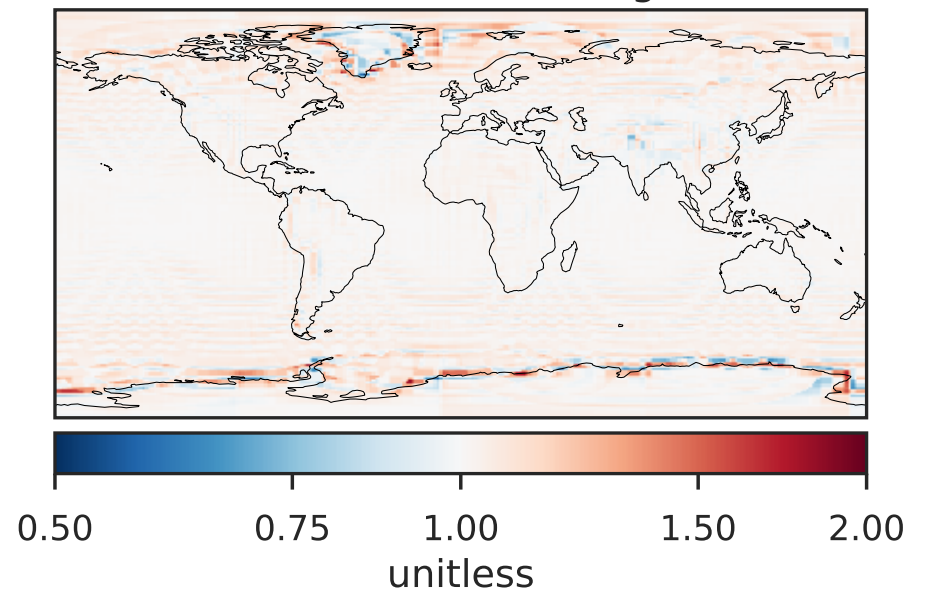
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

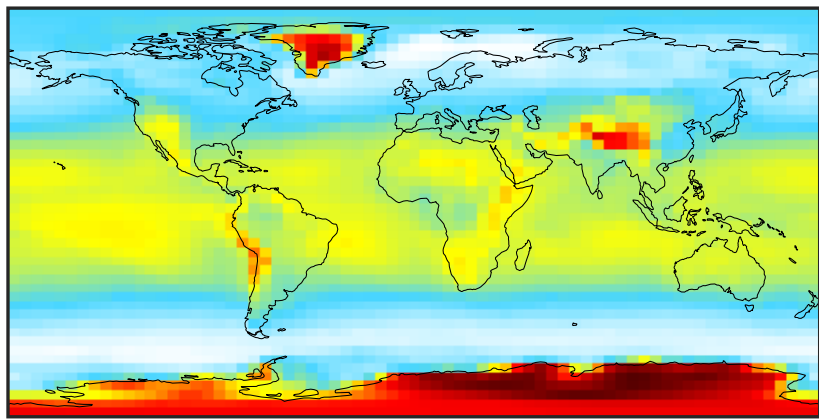


Ratio (1x1.25)
Dev/Ref, Fixed Range



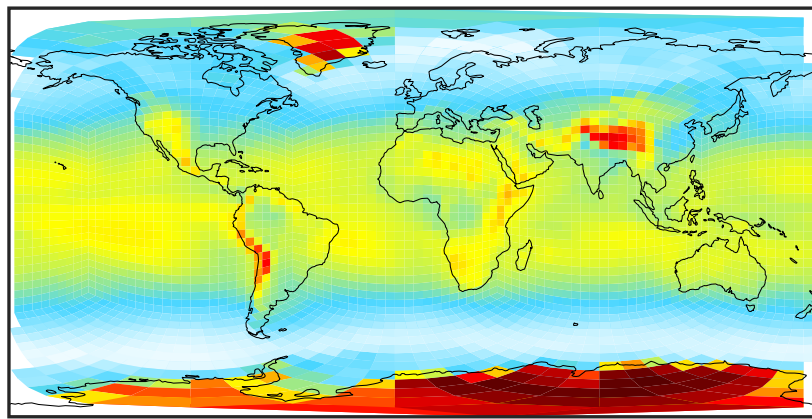
Jval_PYAC (AnnualMean)

GCC_14.2.0 (Ref)
4.0x5.0



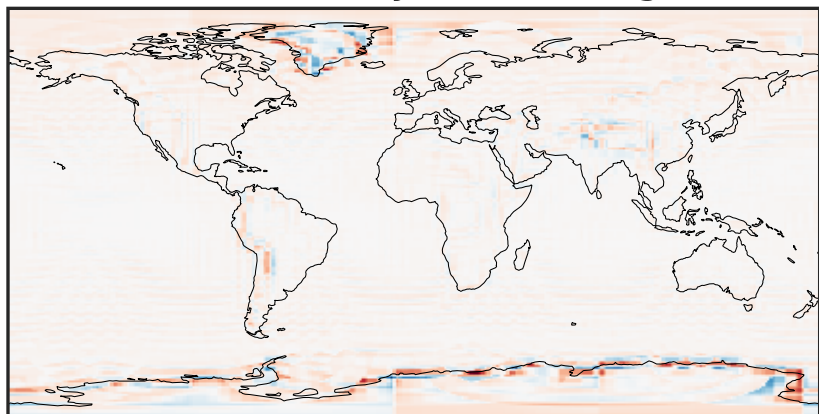
0.000025 0.000050 0.000075 0.000100
s-1

GCHP_14.2.0 (Dev)
c24



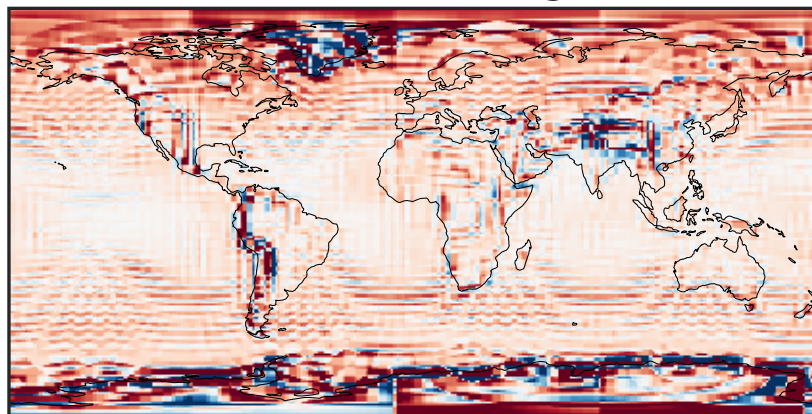
0.000025 0.000050 0.000075 0.000100
s-1

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



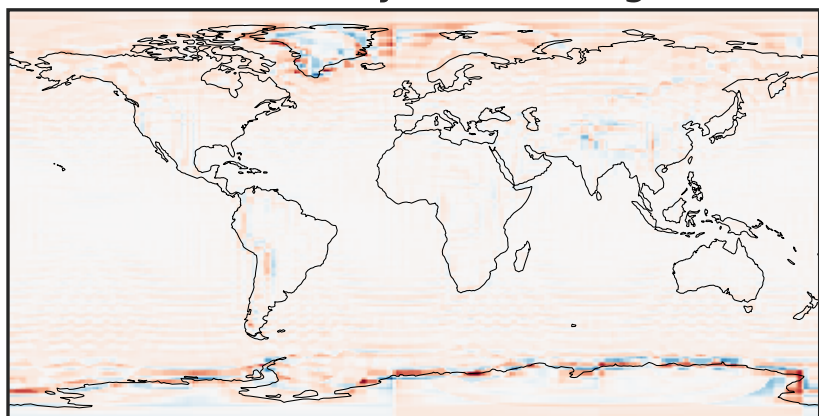
-2.5 0.0 2.5
s-1 1e-5

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



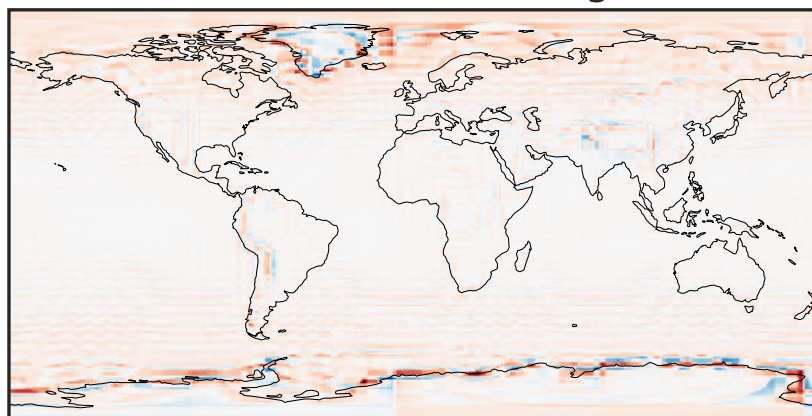
-3 0 3
s-1 1e-6

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



0.478 0.739 1.000 1.546 2.092
unitless

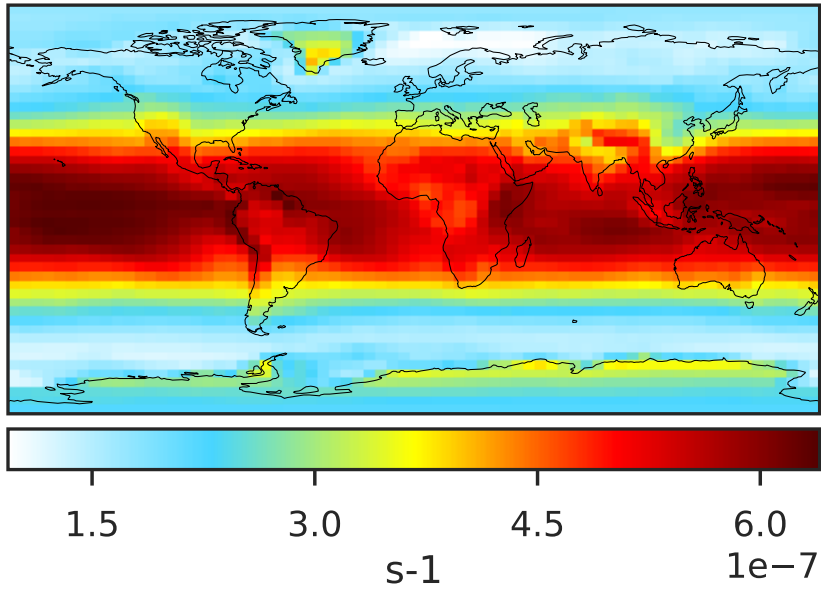
Ratio (1x1.25)
Dev/Ref, Fixed Range



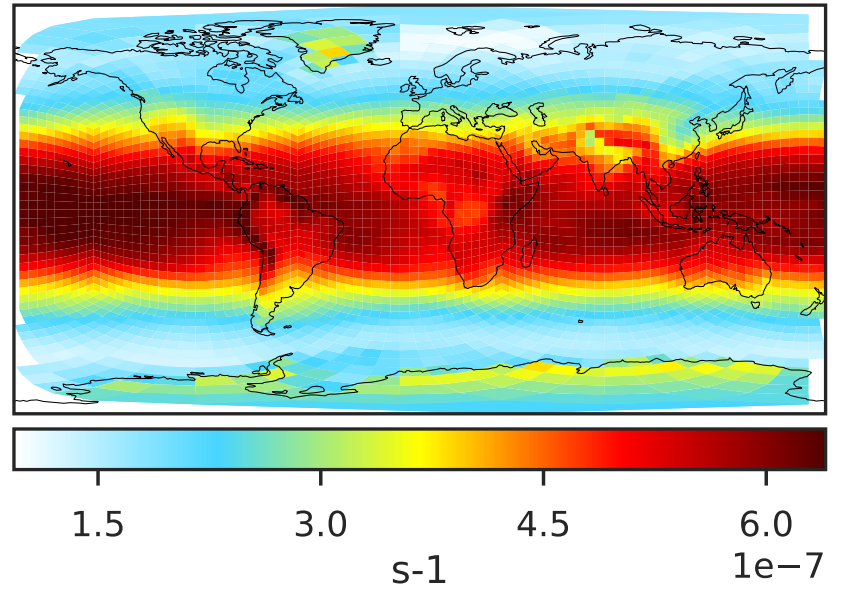
0.50 0.75 1.00 1.50 2.00
unitless

Jval_R4N2 (AnnualMean)

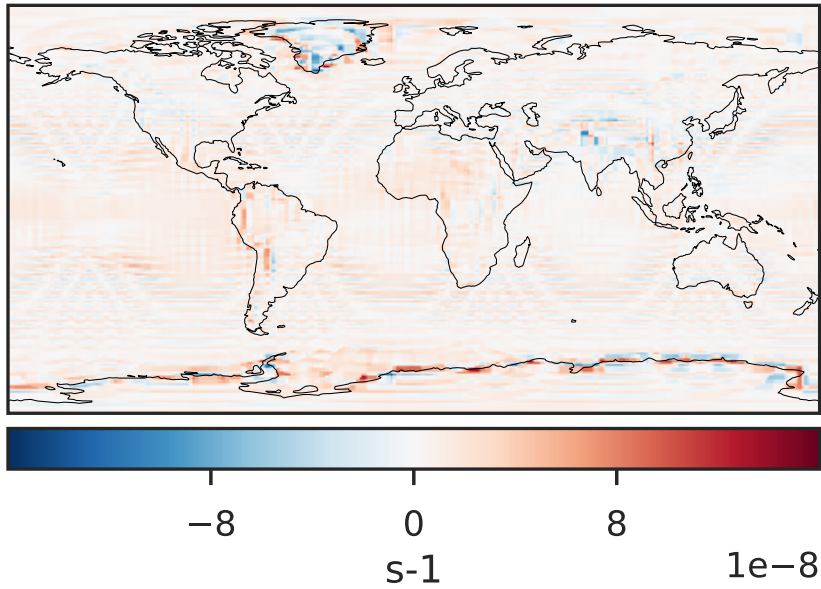
GCC_14.2.0 (Ref)
4.0x5.0



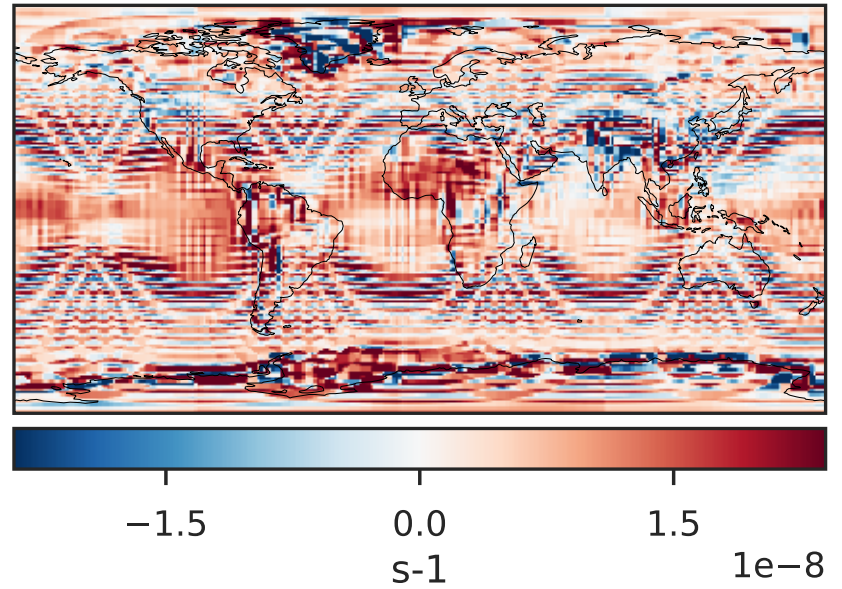
GCHP_14.2.0 (Dev)
c24



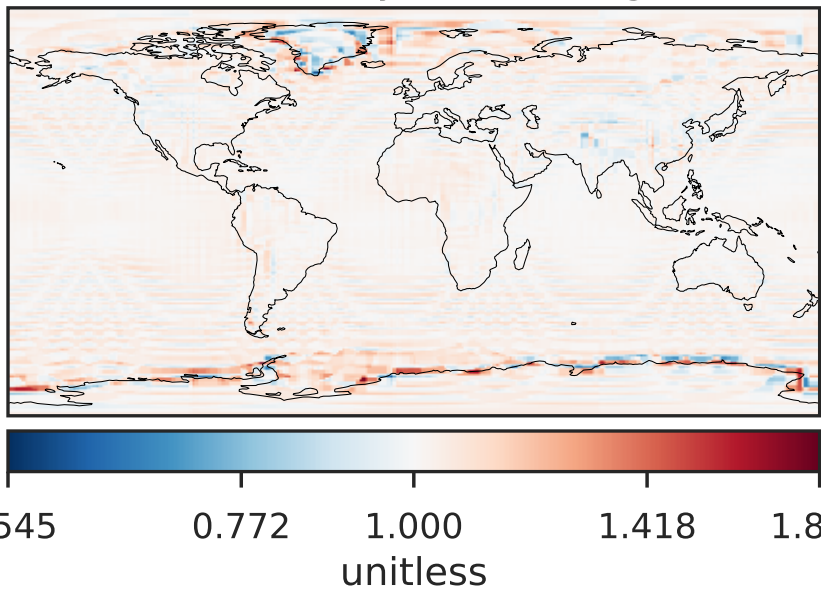
Difference (1x1.25)
Dev - Ref, Dynamic Range



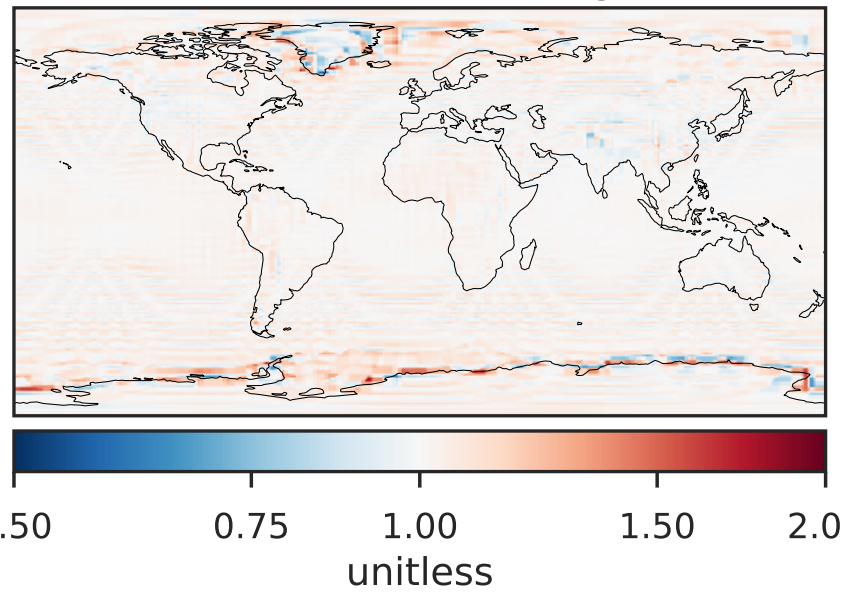
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

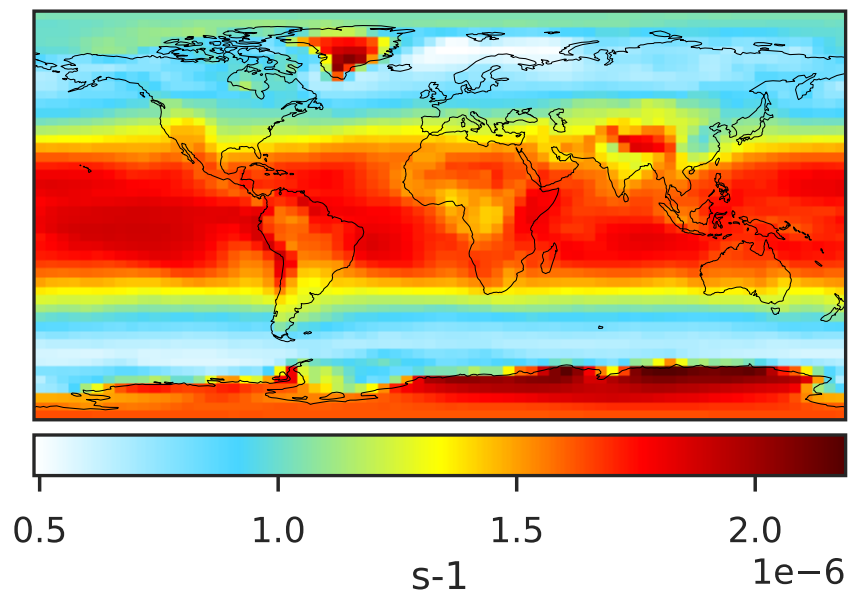


Ratio (1x1.25)
Dev/Ref, Fixed Range

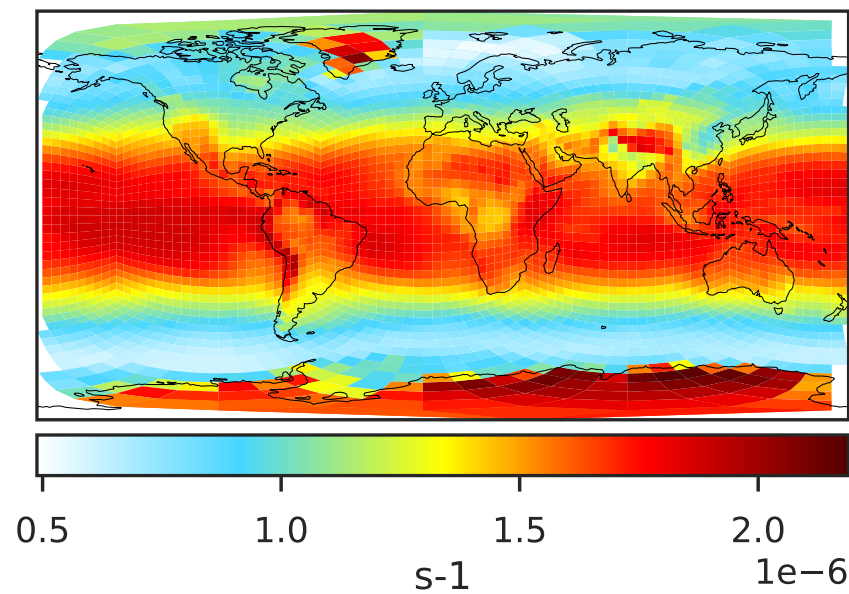


Jval_R4P (AnnualMean)

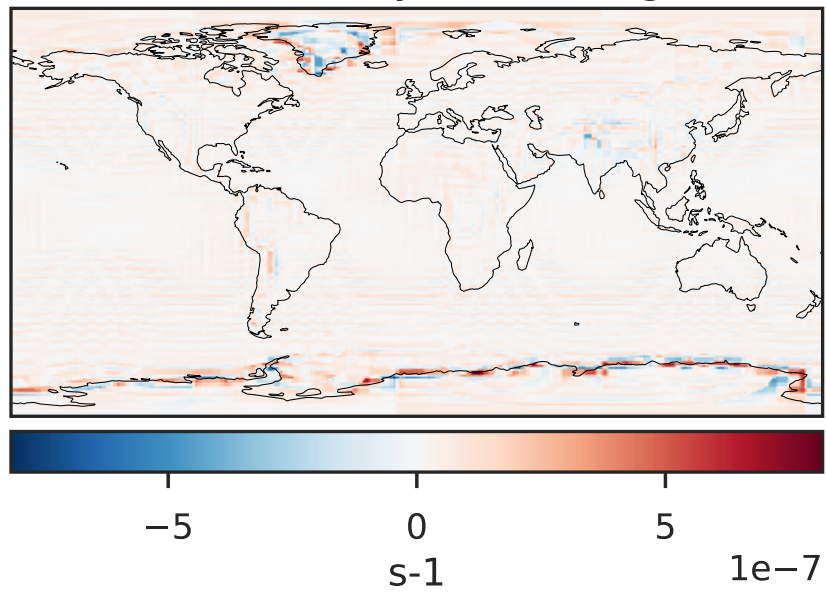
GCC_14.2.0 (Ref)
4.0x5.0



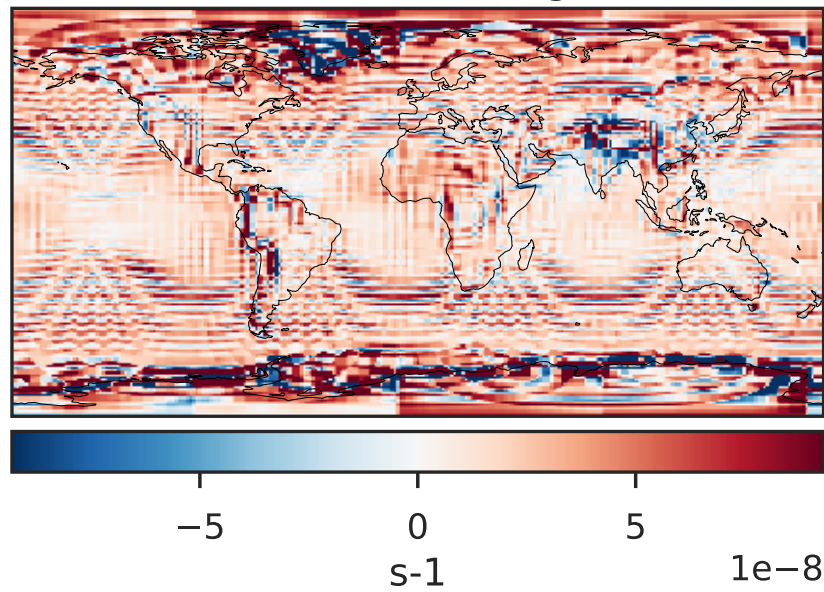
GCHP_14.2.0 (Dev)
c24



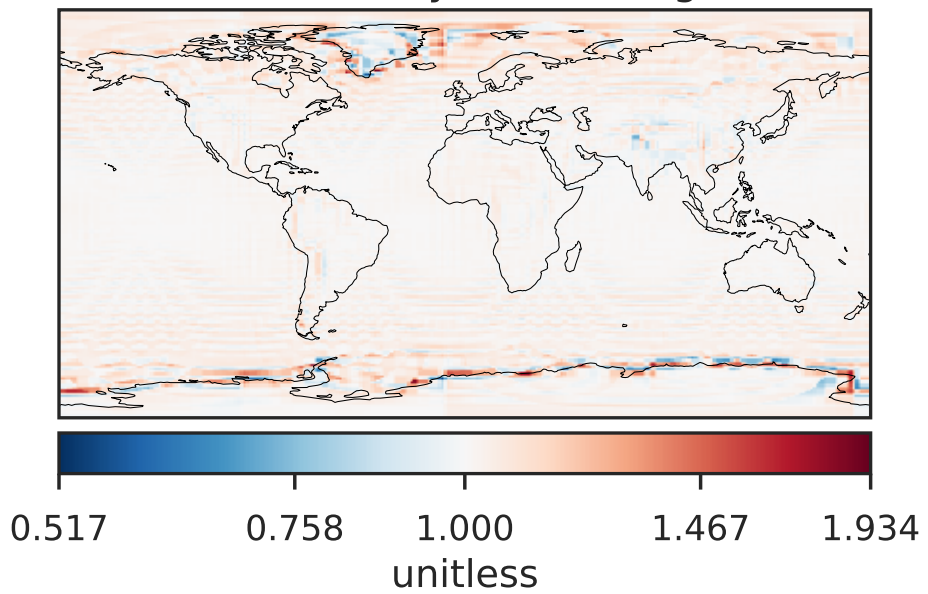
Difference (1x1.25)
Dev - Ref, Dynamic Range



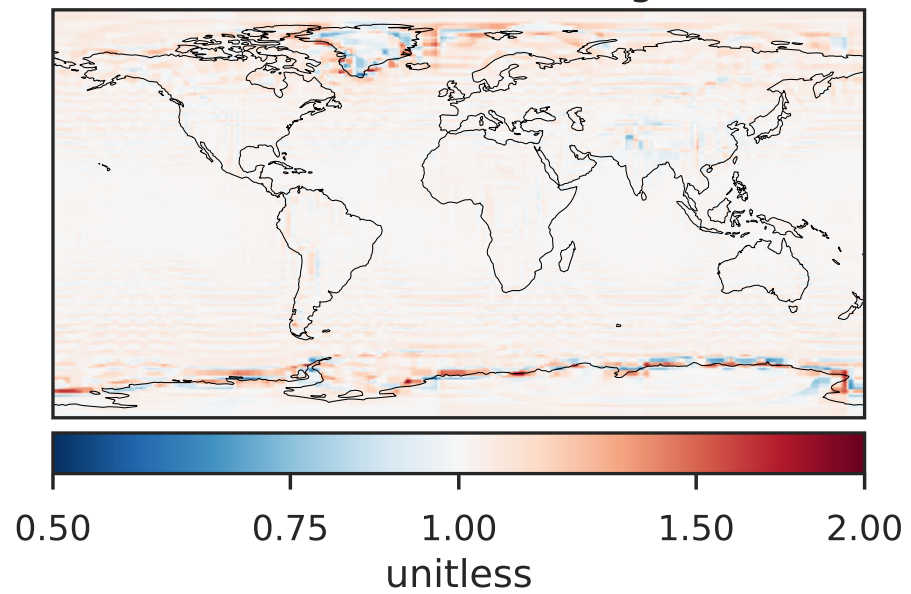
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

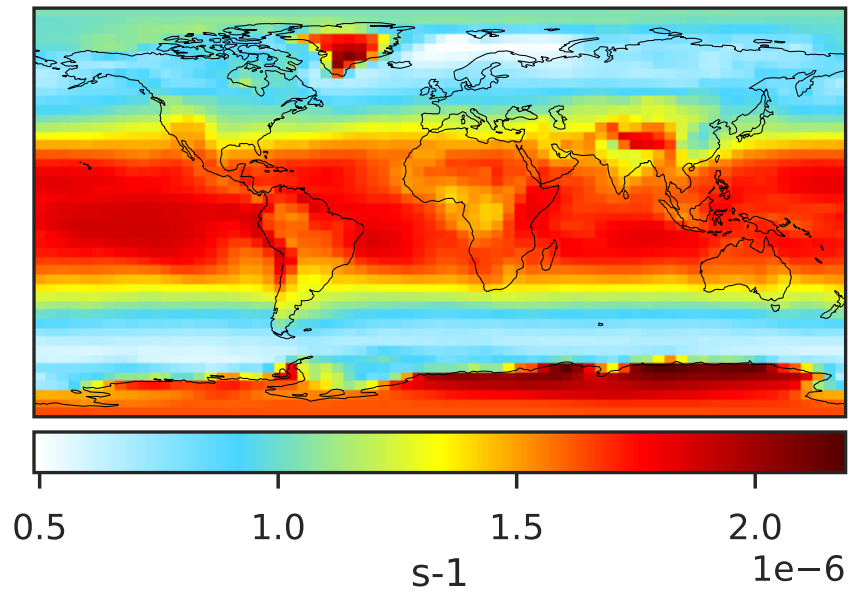


Ratio (1x1.25)
Dev/Ref, Fixed Range

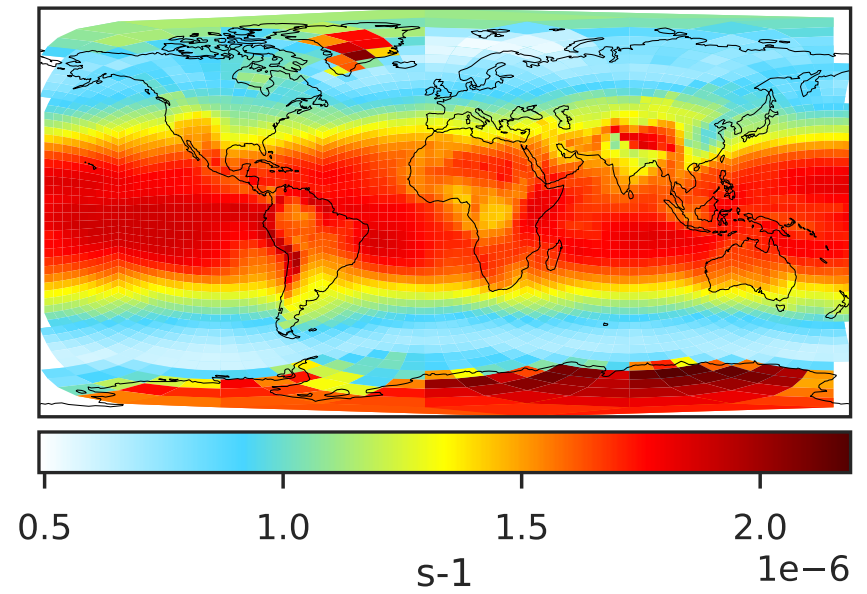


Jval_RA3P (AnnualMean)

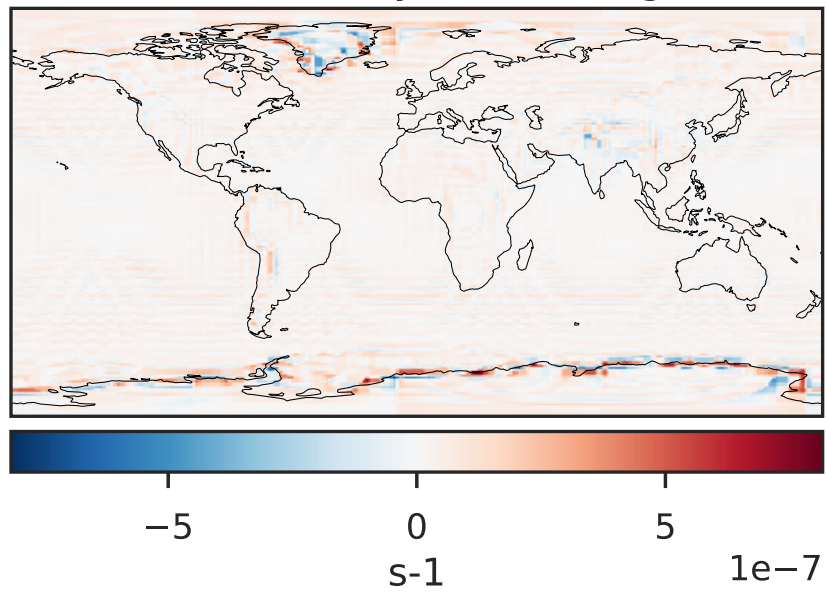
GCC_14.2.0 (Ref)
4.0x5.0



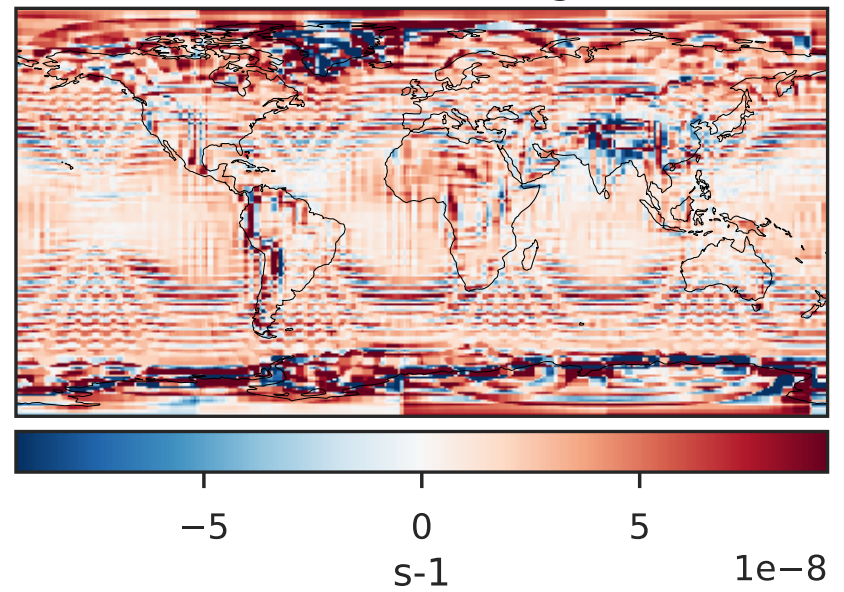
GCHP_14.2.0 (Dev)
c24



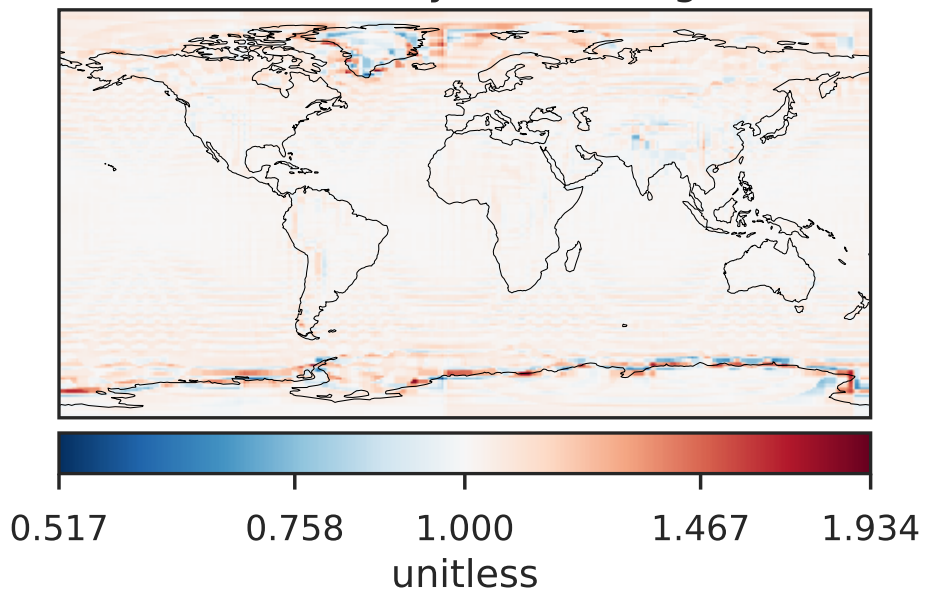
Difference (1x1.25)
Dev - Ref, Dynamic Range



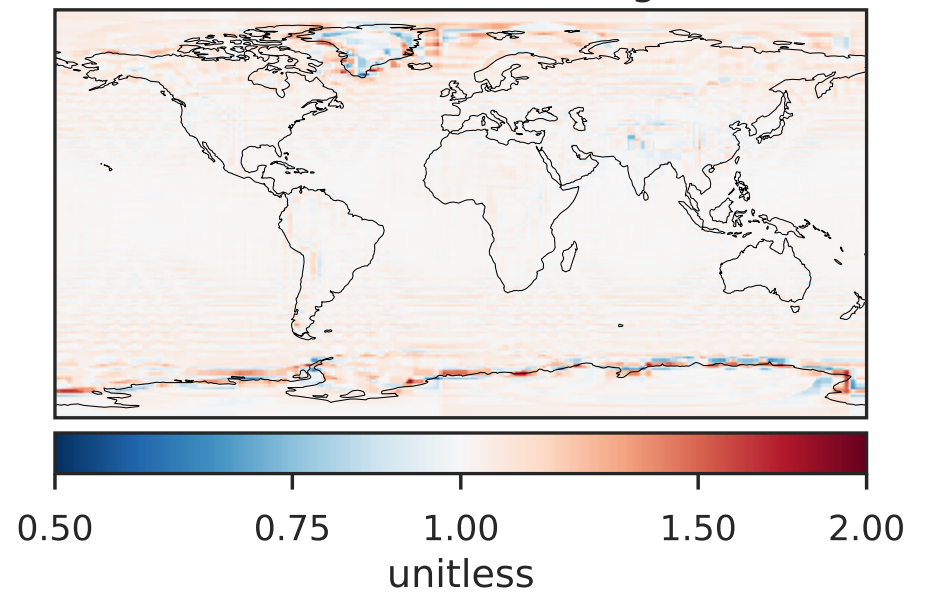
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

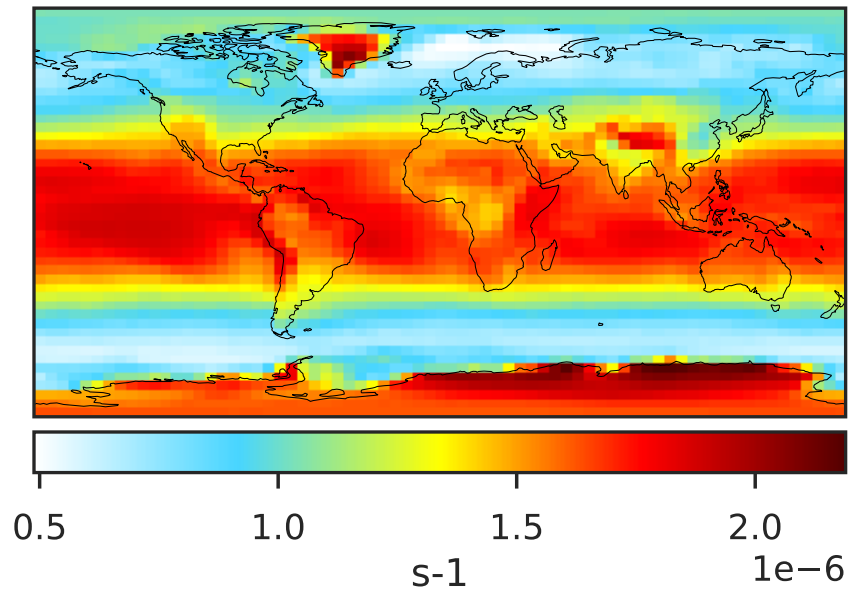


Ratio (1x1.25)
Dev/Ref, Fixed Range

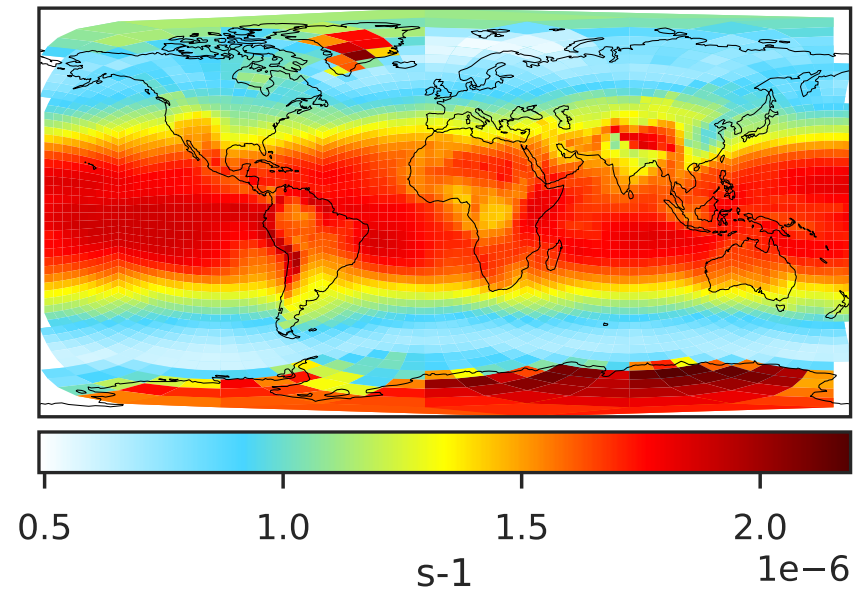


Jval_RB3P (AnnualMean)

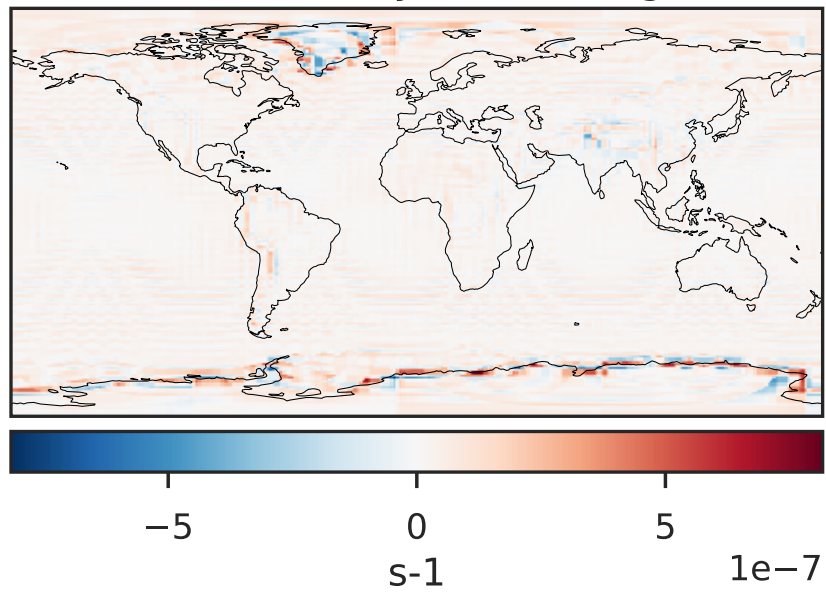
GCC_14.2.0 (Ref)
4.0x5.0



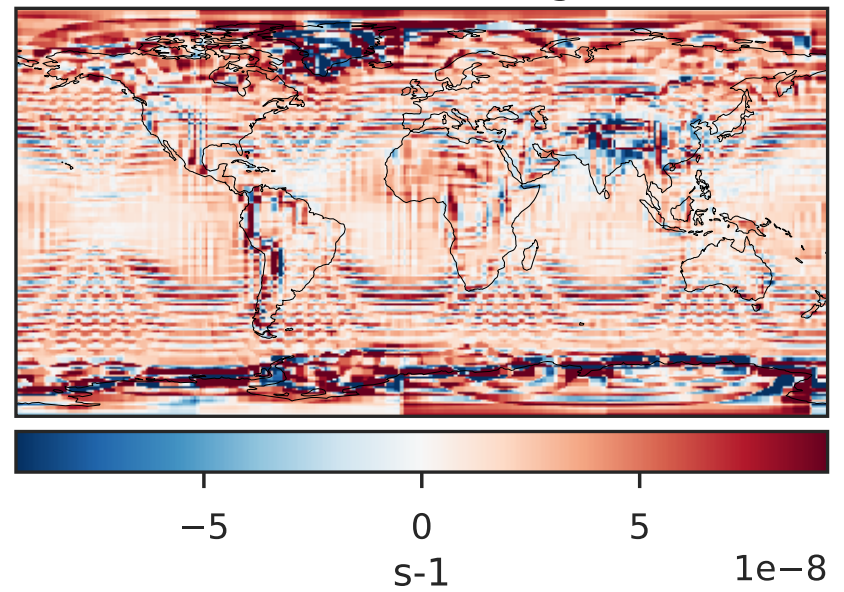
GCHP_14.2.0 (Dev)
c24



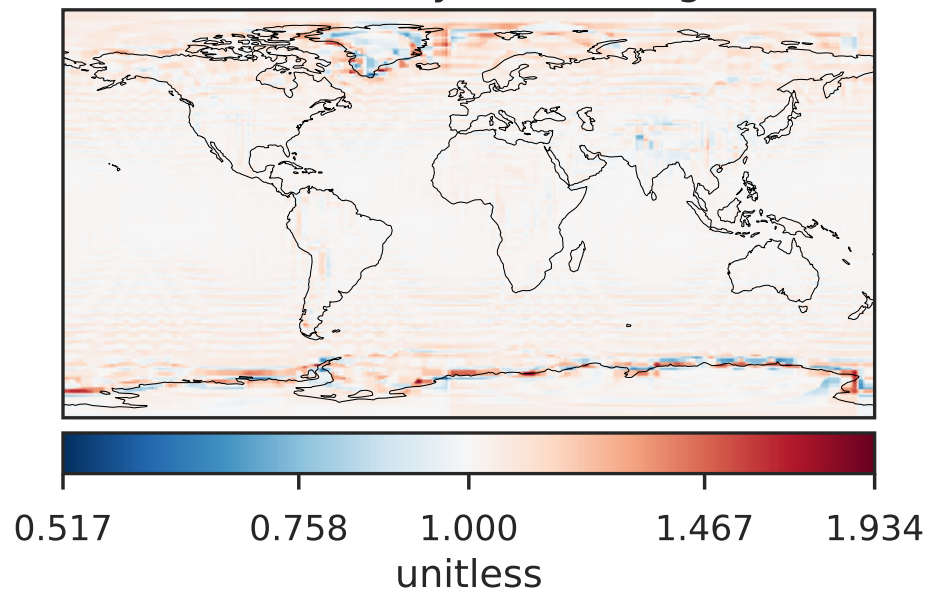
Difference (1x1.25)
Dev - Ref, Dynamic Range



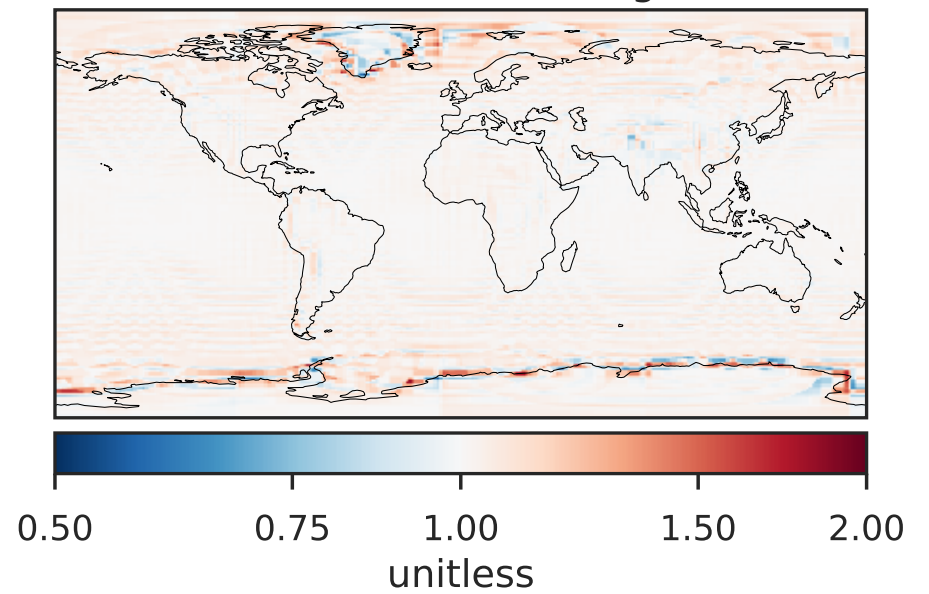
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

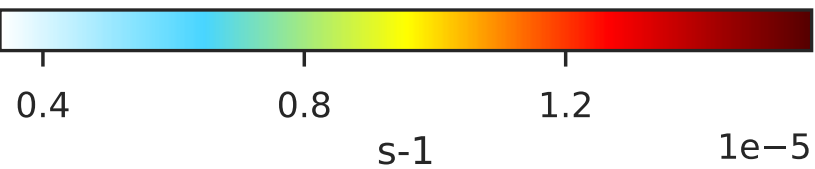
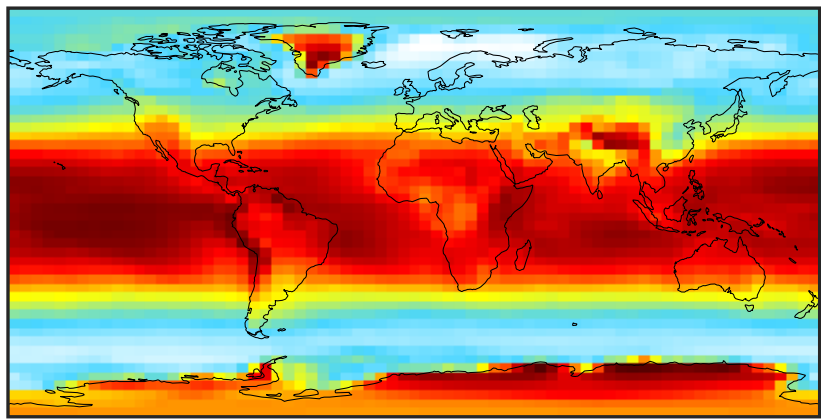


Ratio (1x1.25)
Dev/Ref, Fixed Range

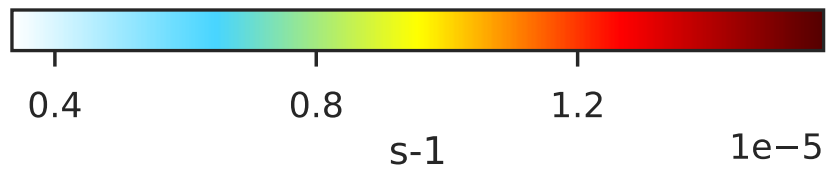
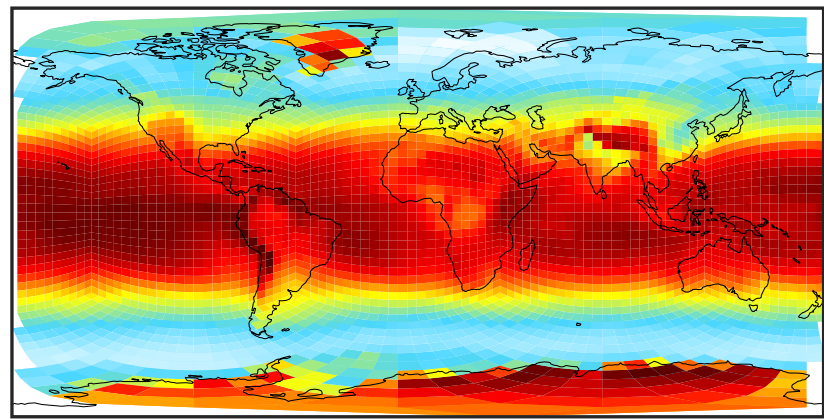


Jval_RCHO (AnnualMean)

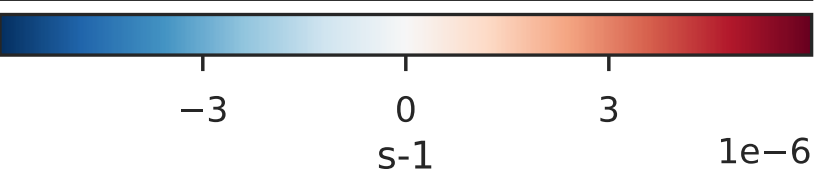
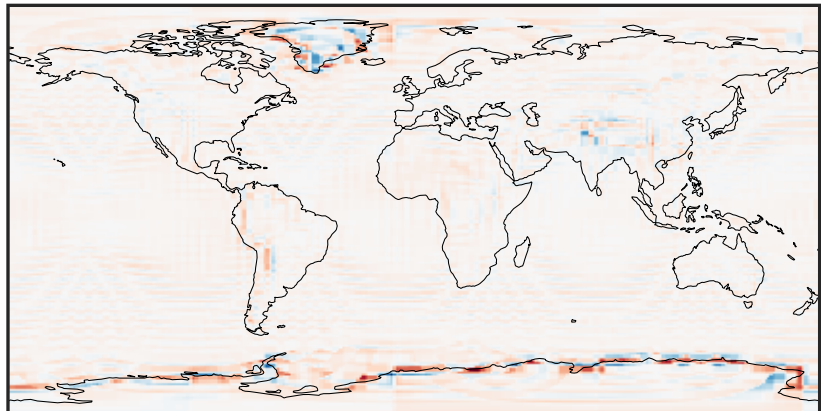
GCC_14.2.0 (Ref)
4.0x5.0



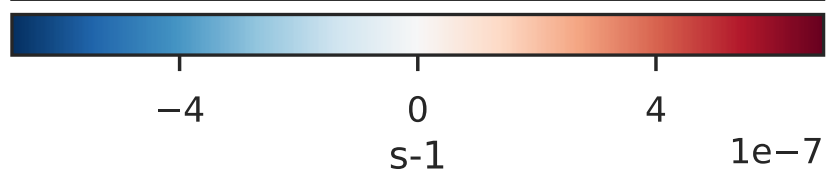
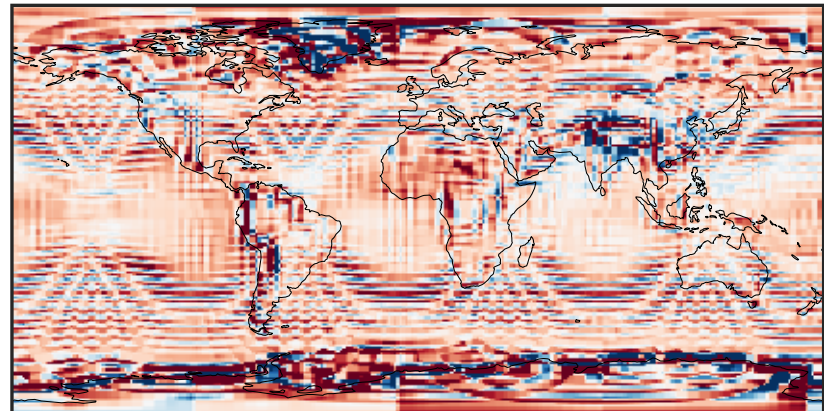
GCHP_14.2.0 (Dev)
c24



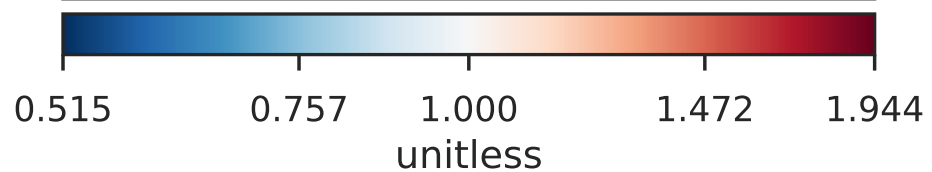
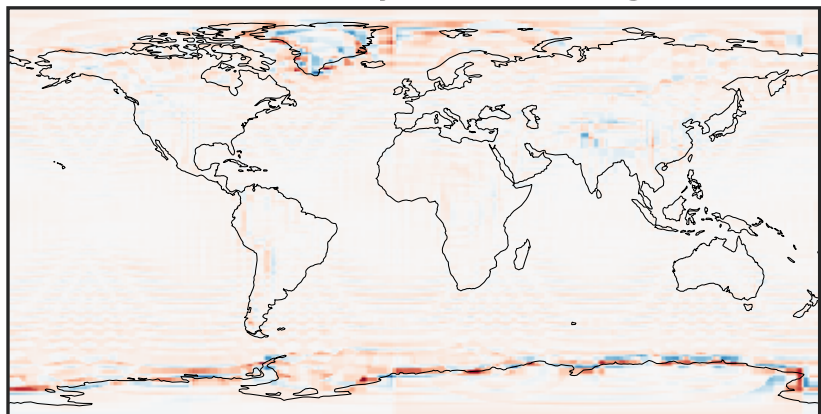
Difference (1x1.25)
Dev - Ref, Dynamic Range



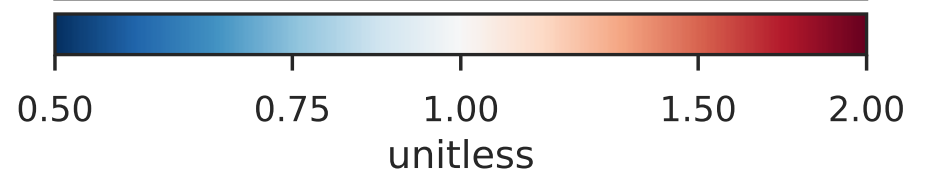
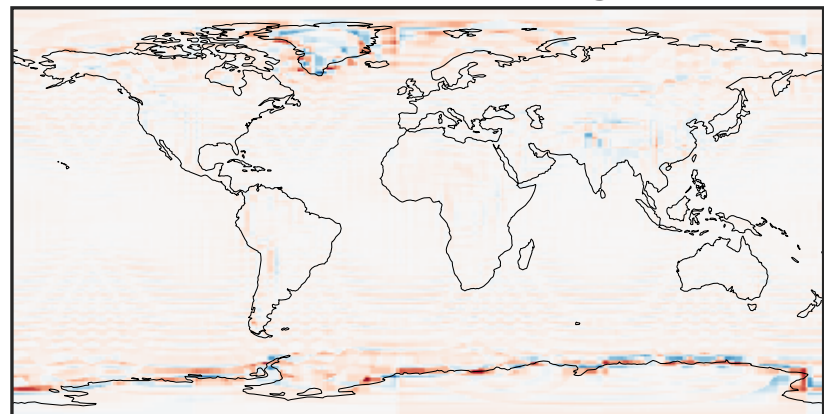
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

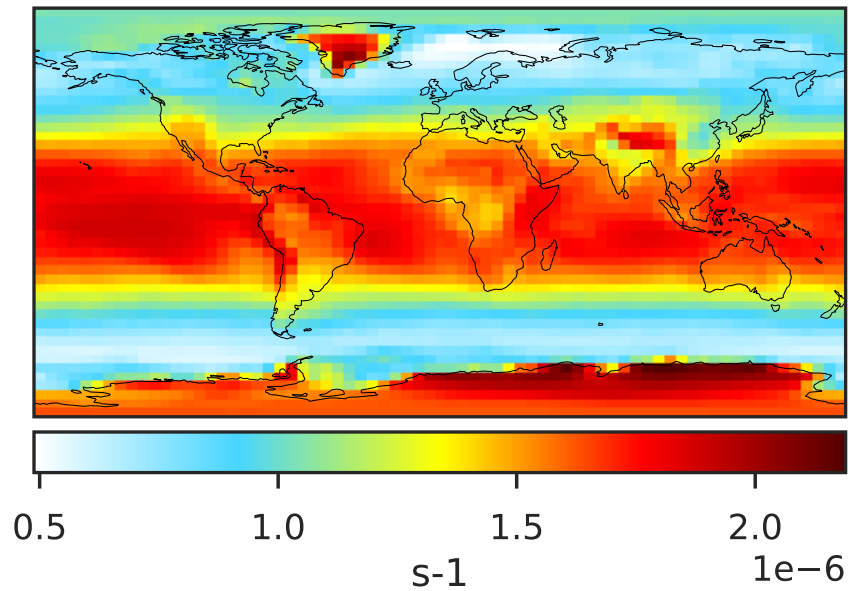


Ratio (1x1.25)
Dev/Ref, Fixed Range

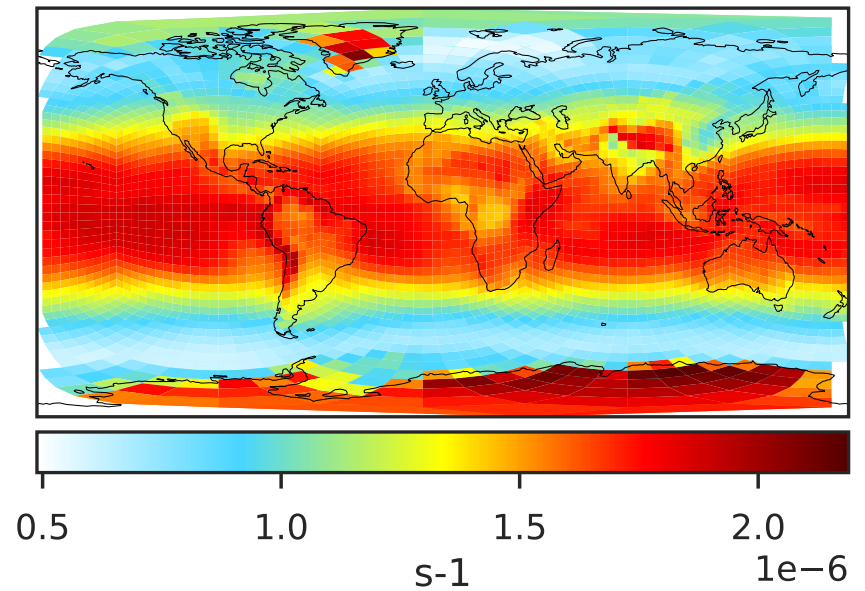


Jval_RIPA (AnnualMean)

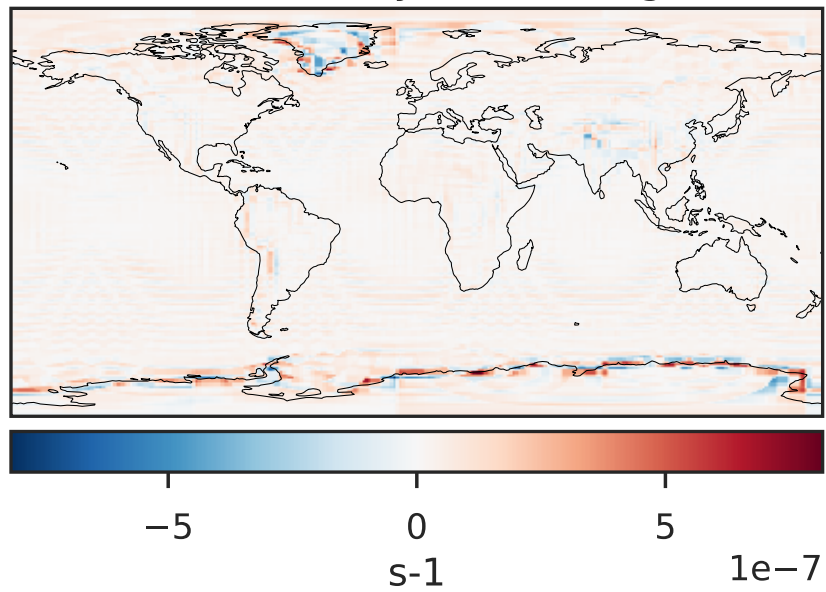
GCC_14.2.0 (Ref)
4.0x5.0



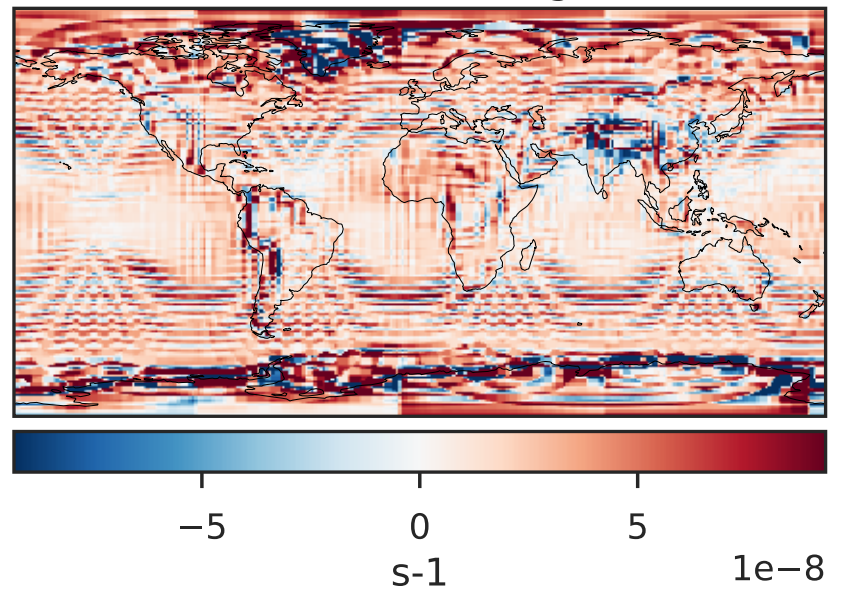
GCHP_14.2.0 (Dev)
c24



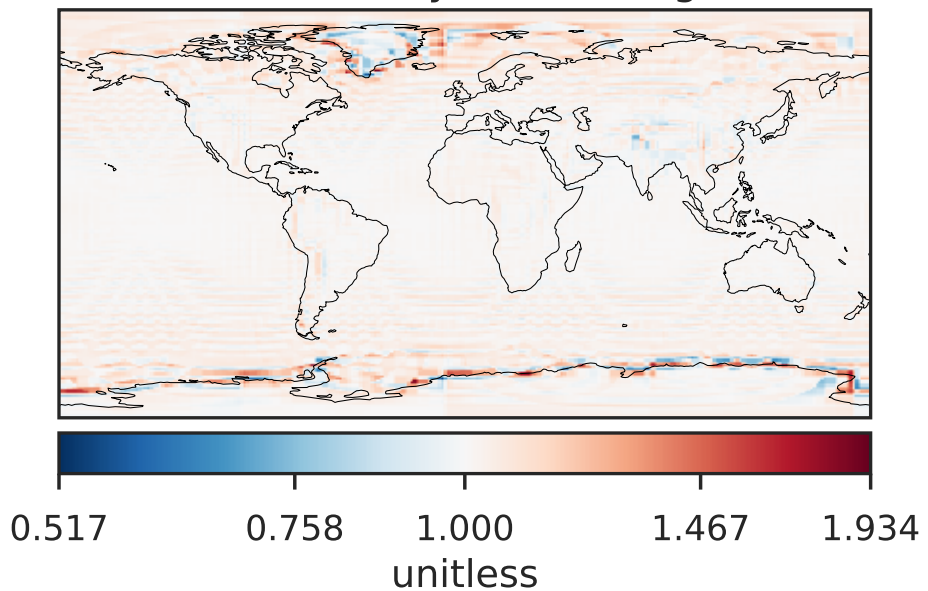
Difference (1x1.25)
Dev - Ref, Dynamic Range



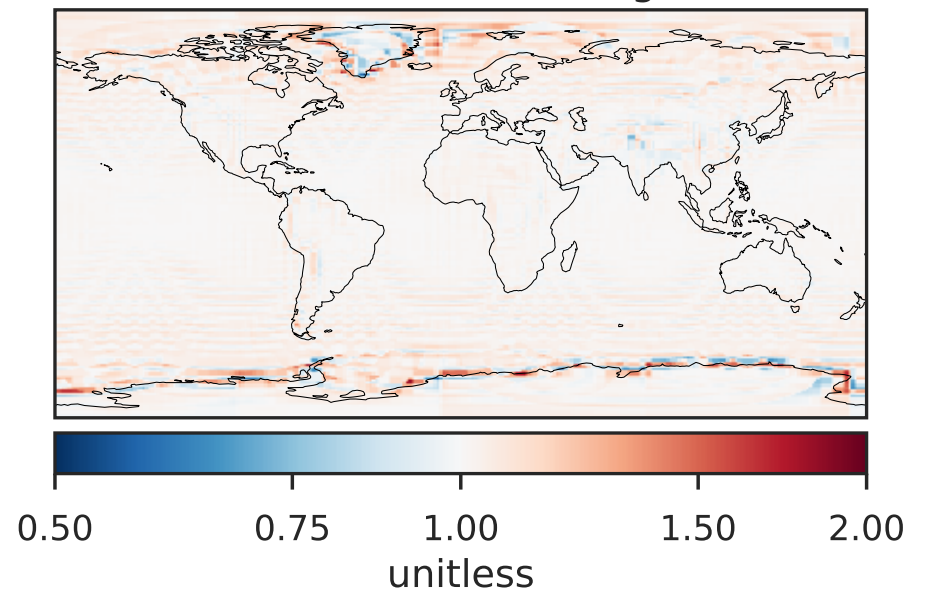
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

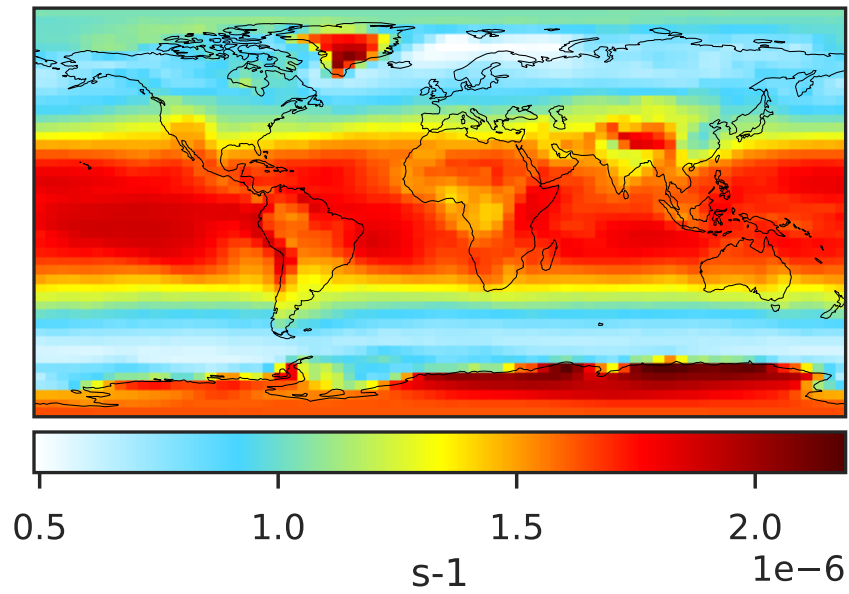


Ratio (1x1.25)
Dev/Ref, Fixed Range

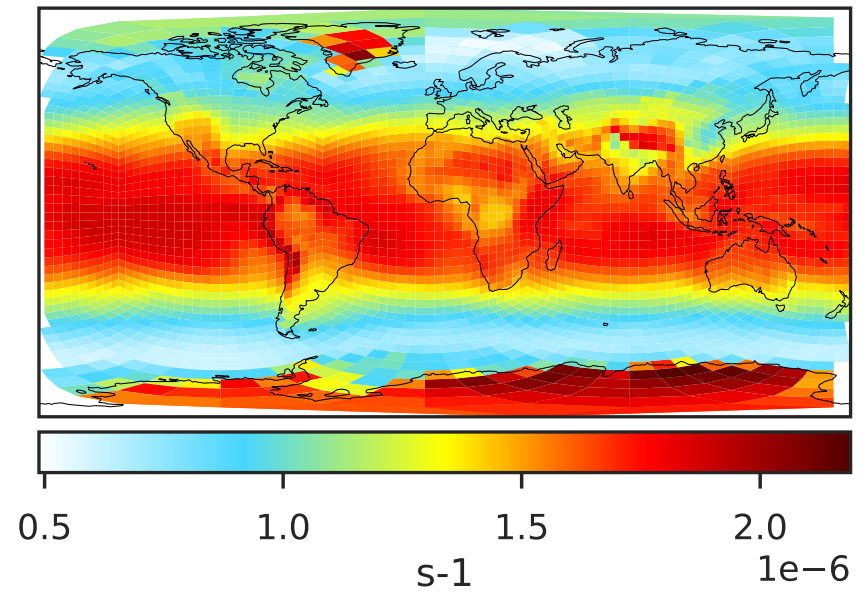


Jval_RIPB (AnnualMean)

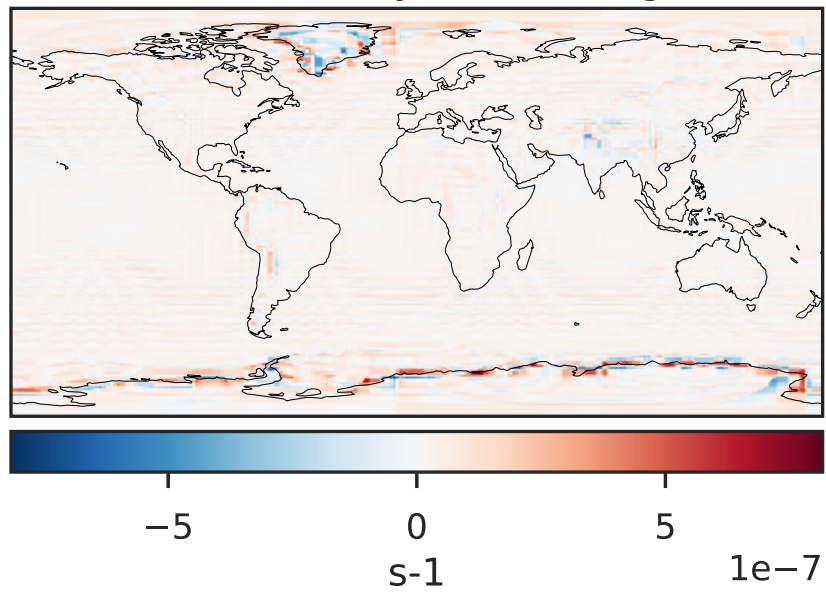
GCC_14.2.0 (Ref)
4.0x5.0



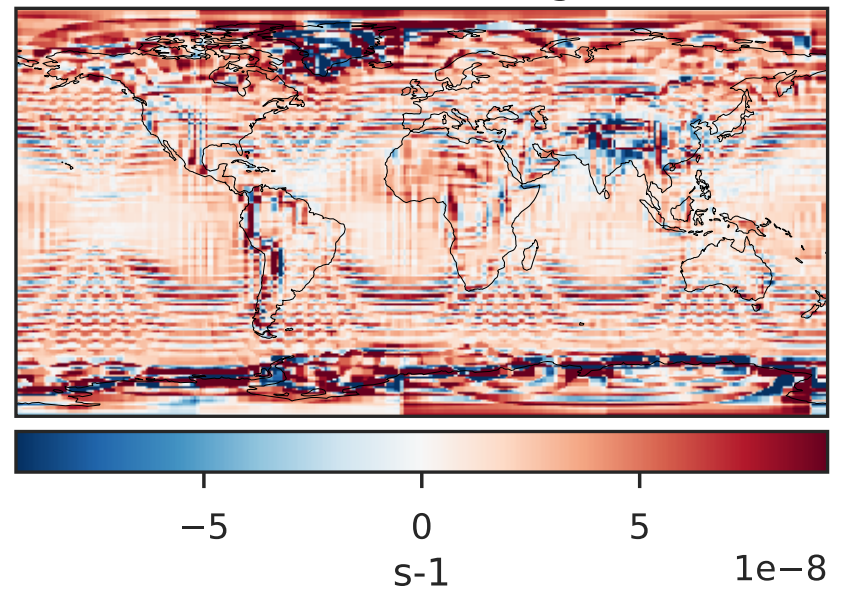
GCHP_14.2.0 (Dev)
c24



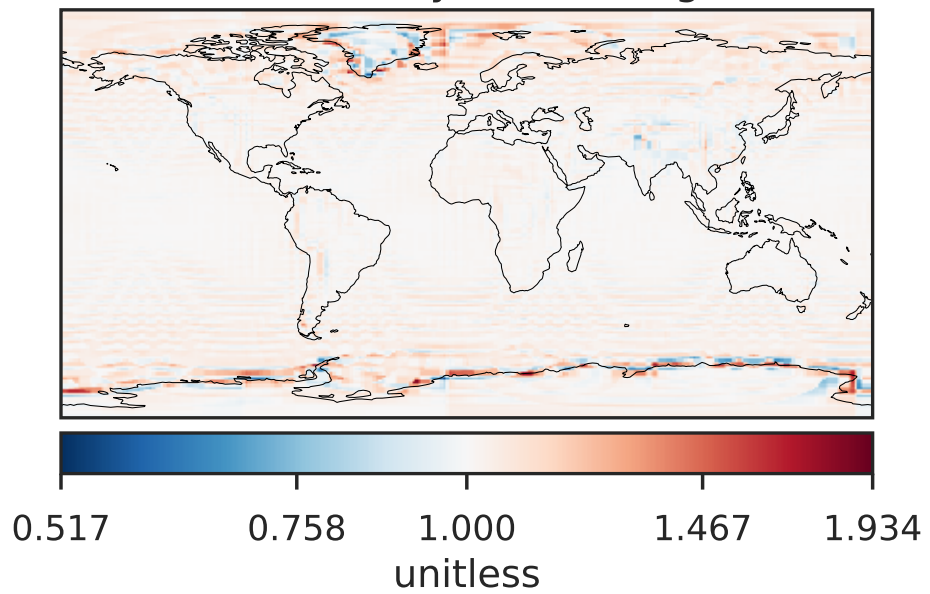
Difference (1x1.25)
Dev - Ref, Dynamic Range



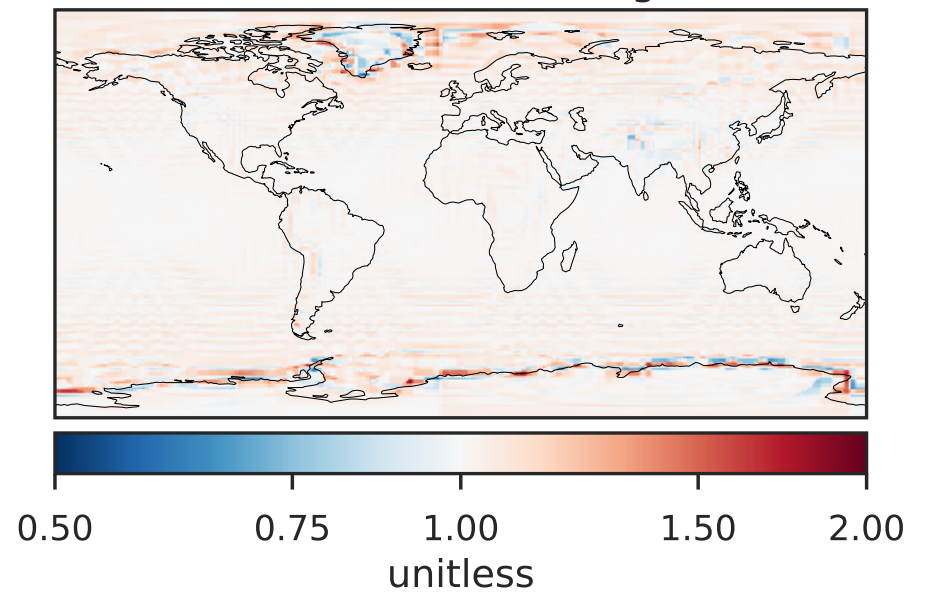
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

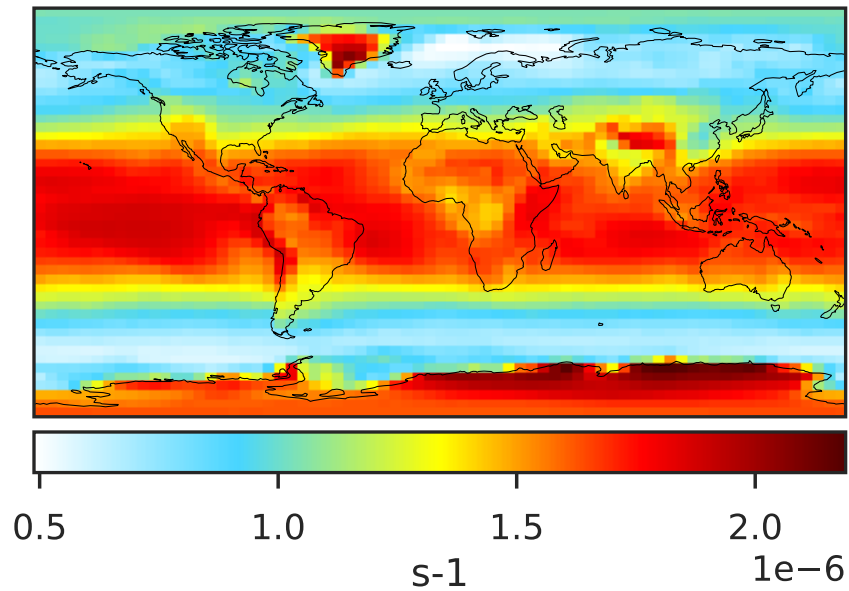


Ratio (1x1.25)
Dev/Ref, Fixed Range

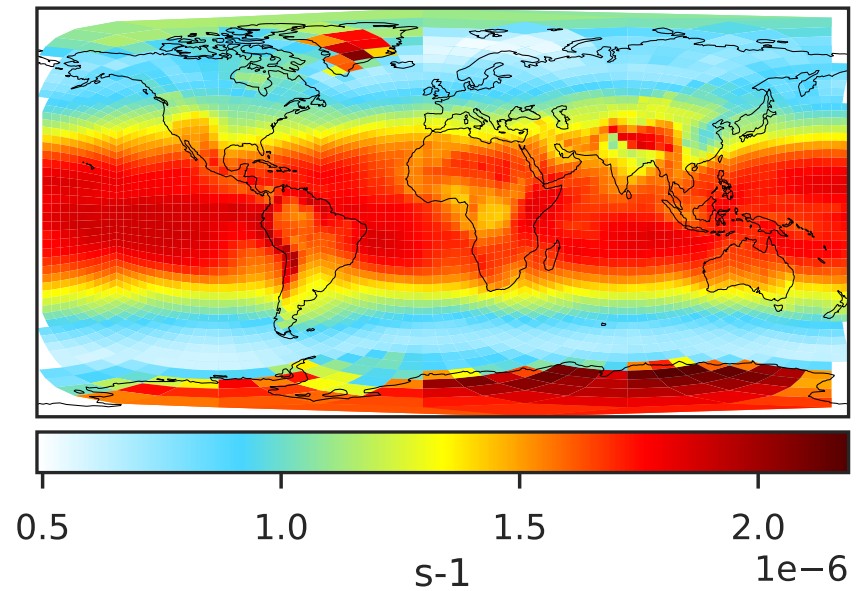


Jval_RIPC (AnnualMean)

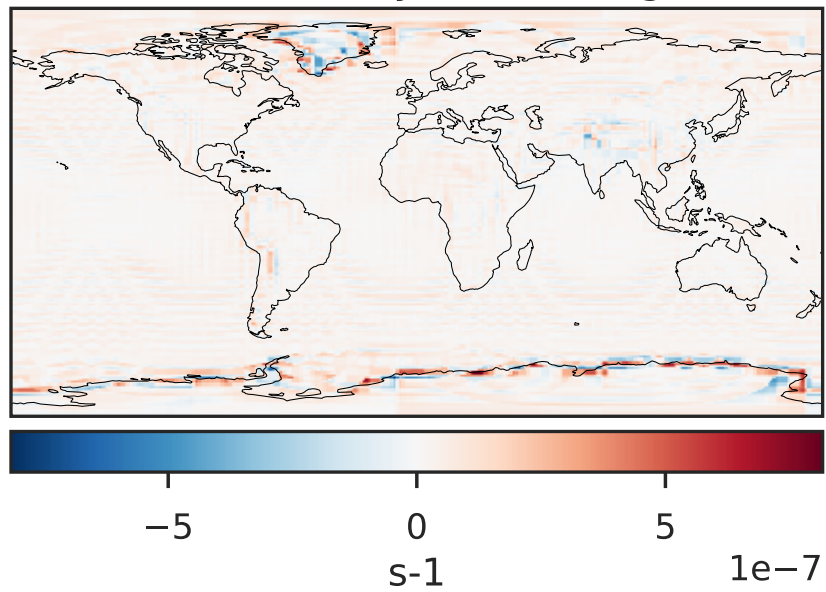
GCC_14.2.0 (Ref)
4.0x5.0



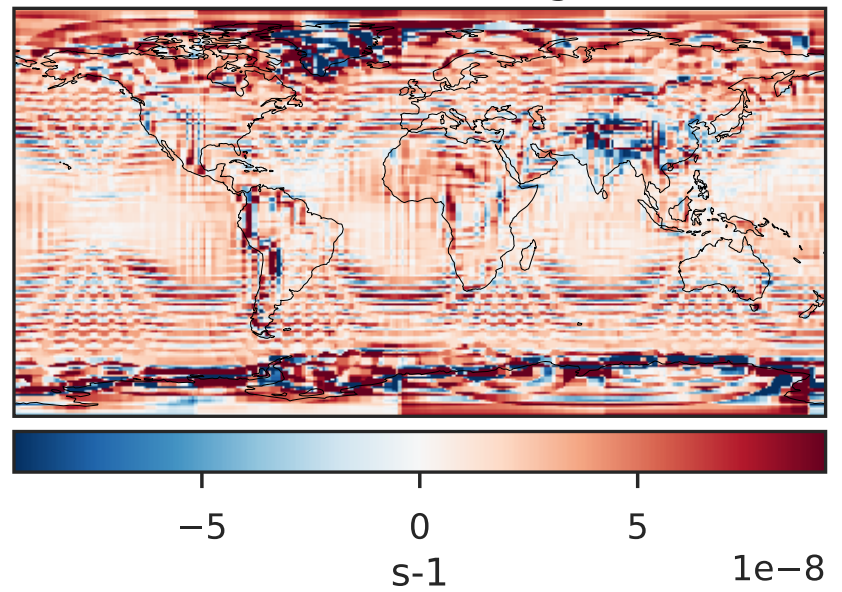
GCHP_14.2.0 (Dev)
c24



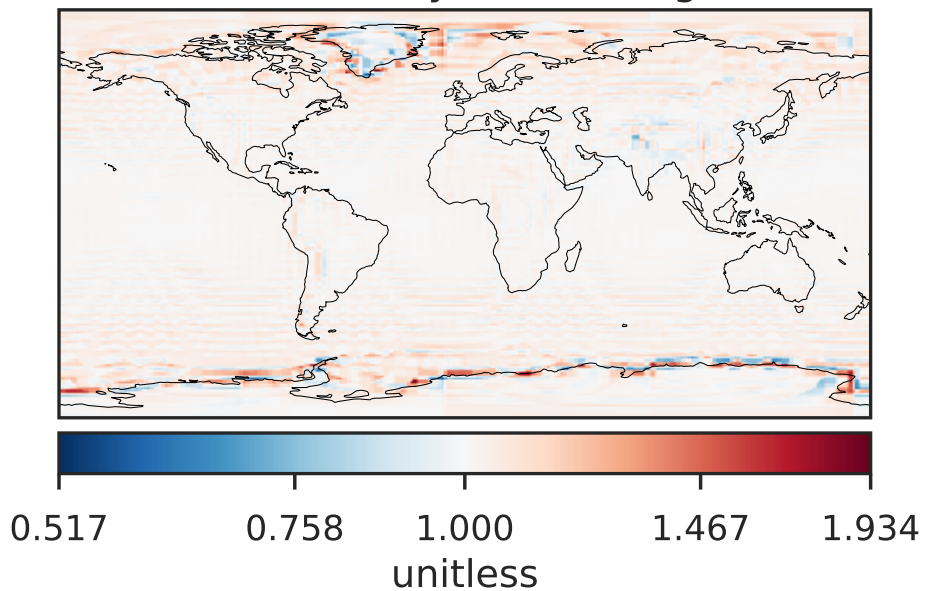
Difference (1x1.25)
Dev - Ref, Dynamic Range



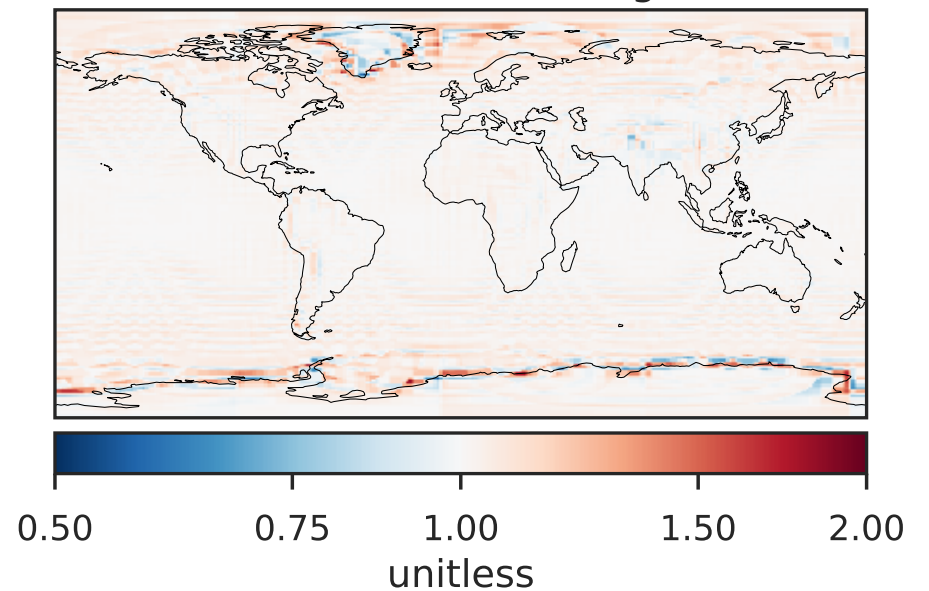
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

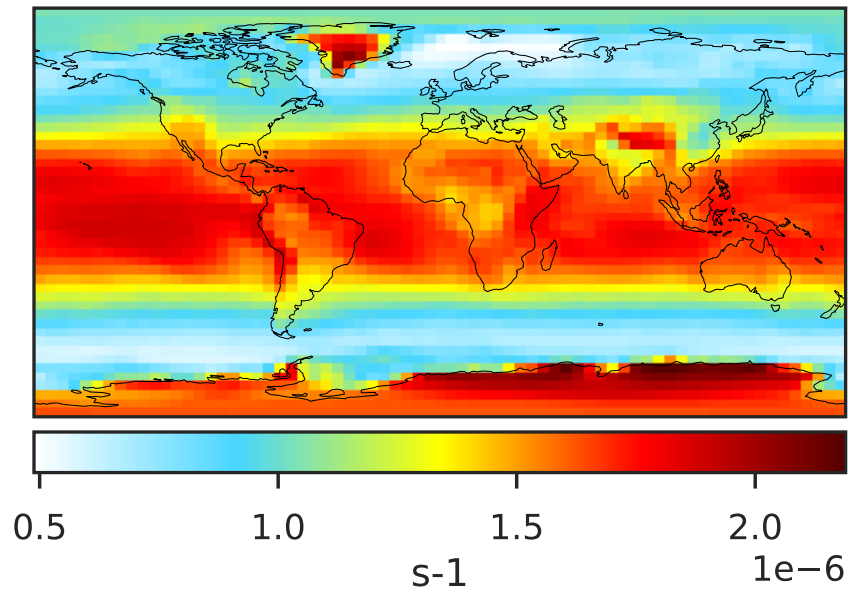


Ratio (1x1.25)
Dev/Ref, Fixed Range

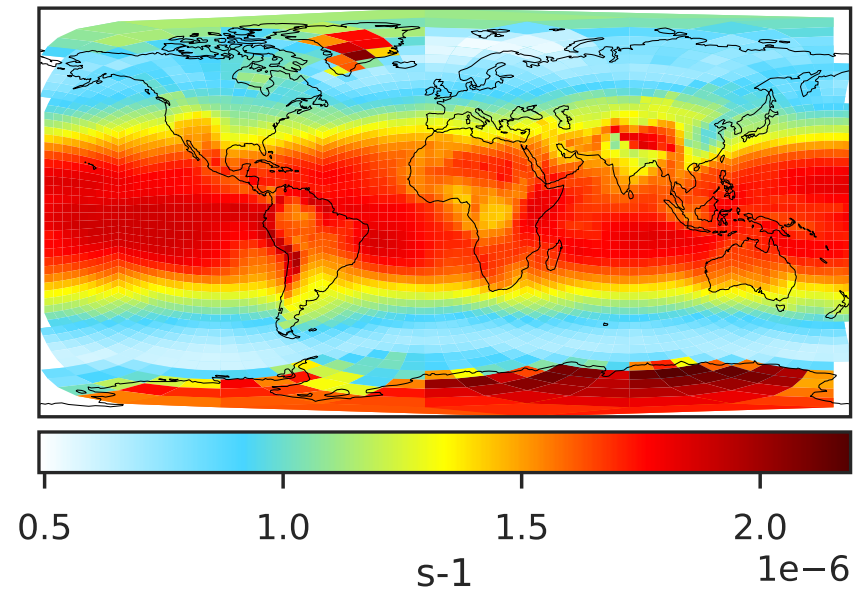


Jval_RIPD (AnnualMean)

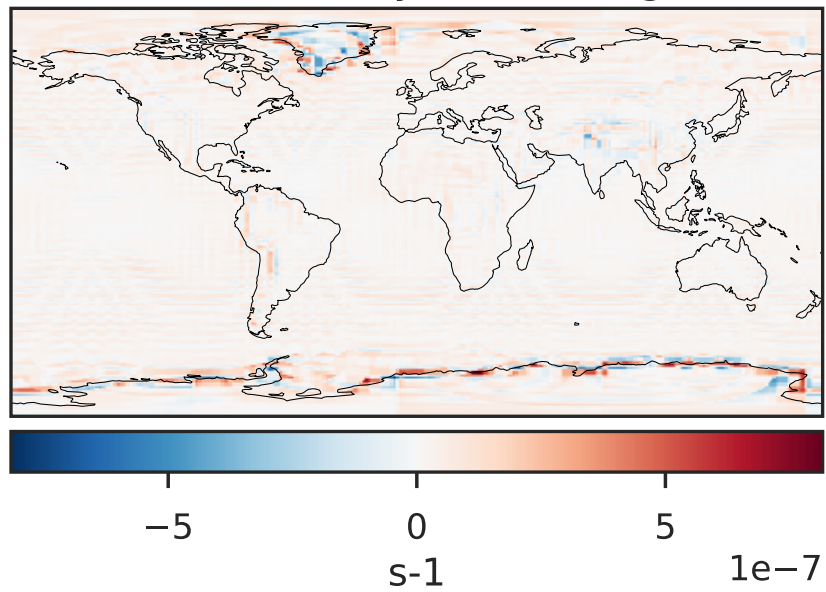
GCC_14.2.0 (Ref)
4.0x5.0



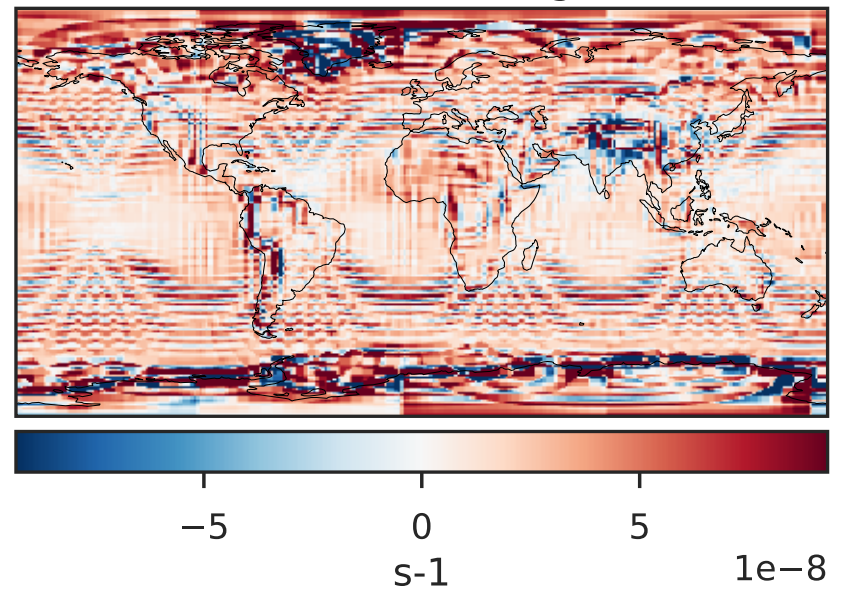
GCHP_14.2.0 (Dev)
c24



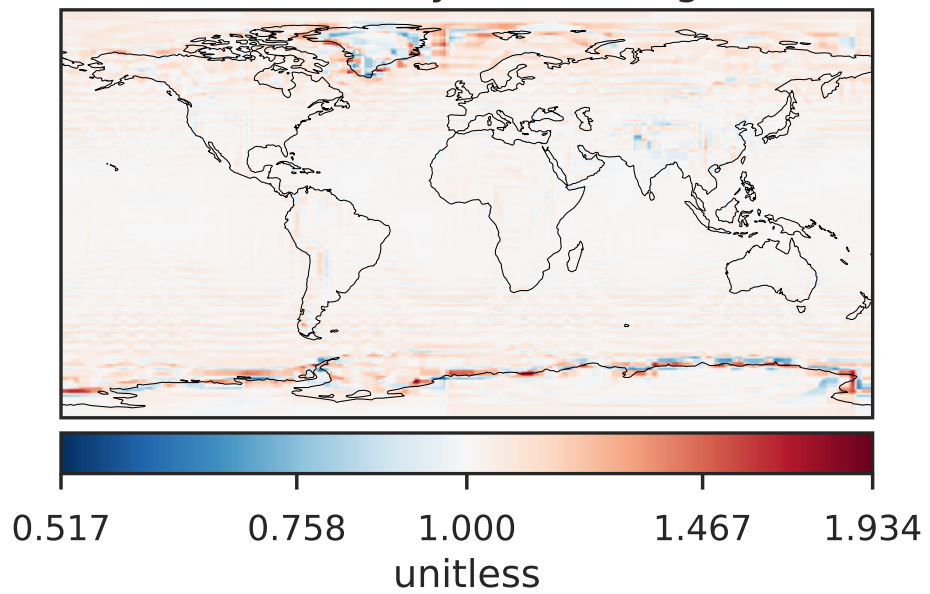
Difference (1x1.25)
Dev - Ref, Dynamic Range



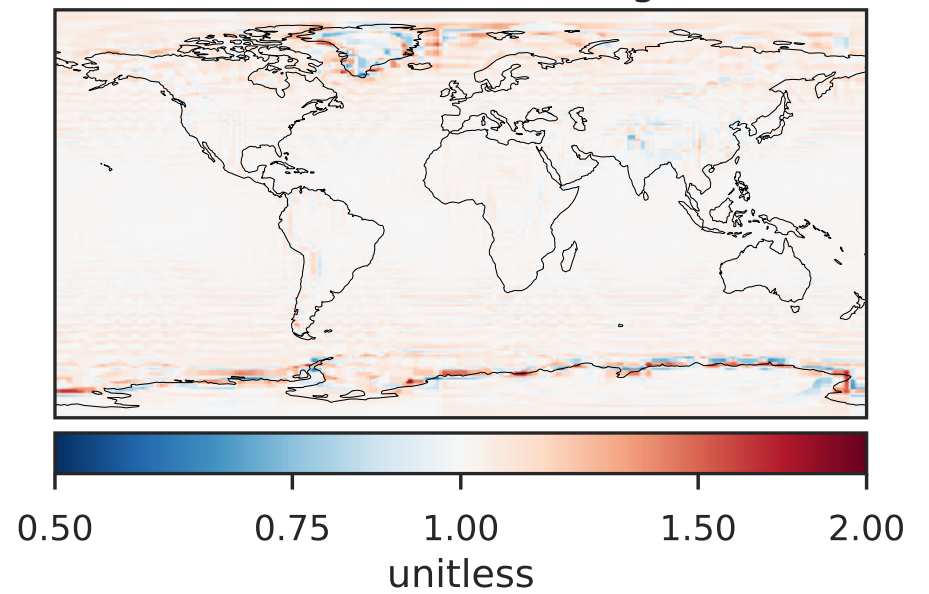
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

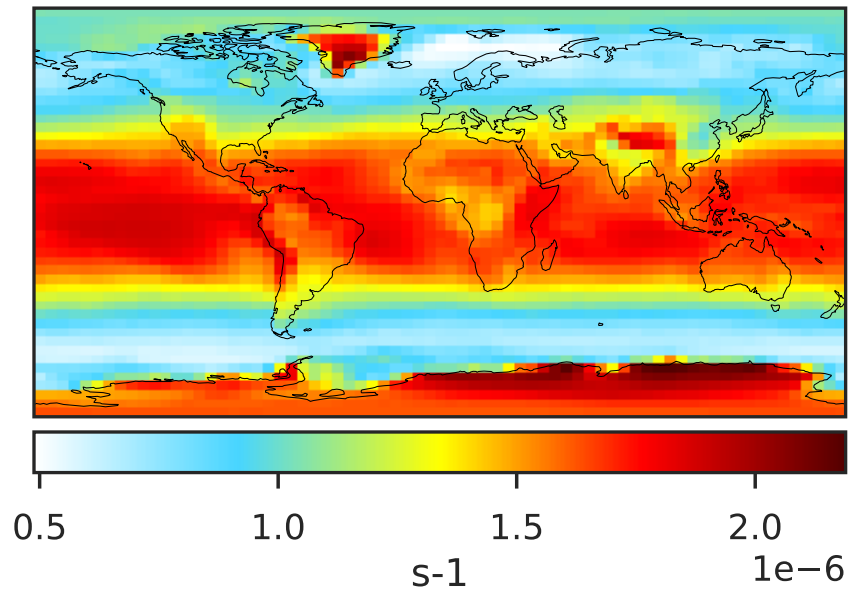


Ratio (1x1.25)
Dev/Ref, Fixed Range

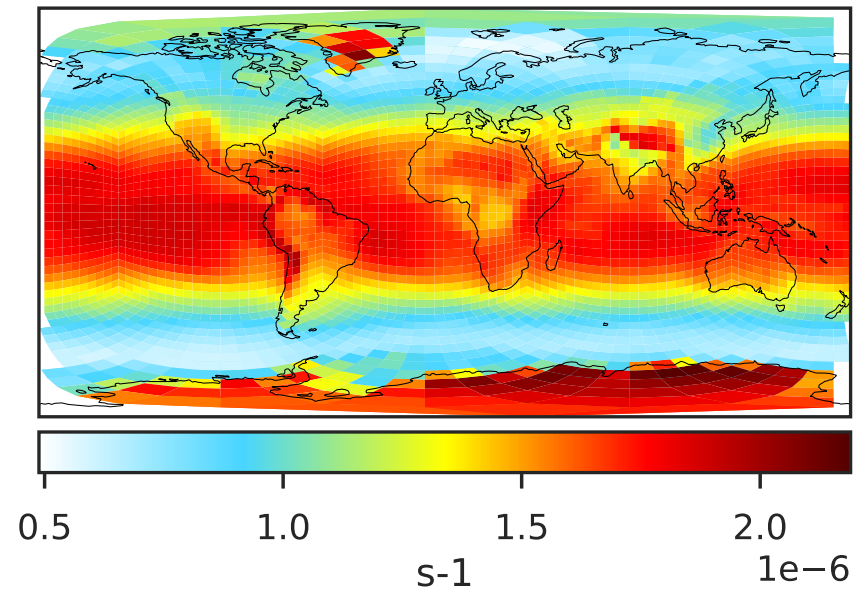


Jval_RP (AnnualMean)

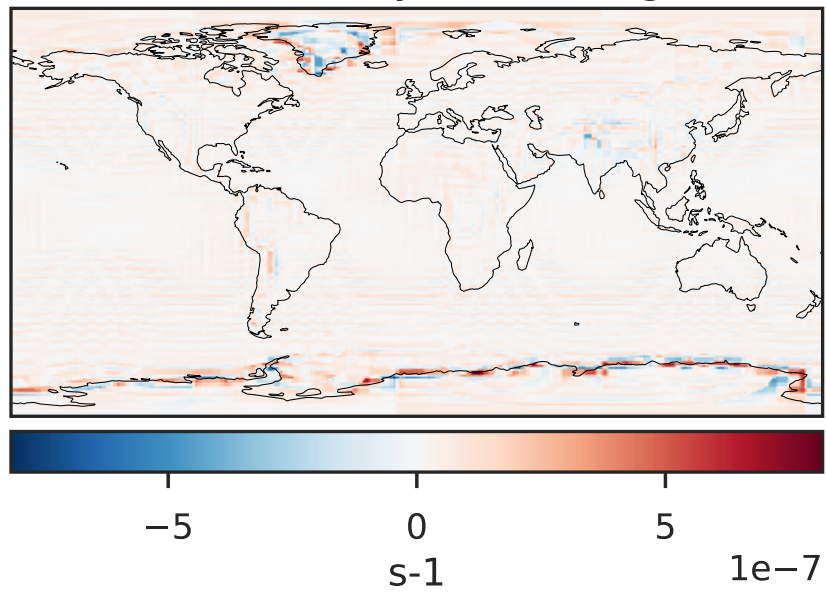
GCC_14.2.0 (Ref)
4.0x5.0



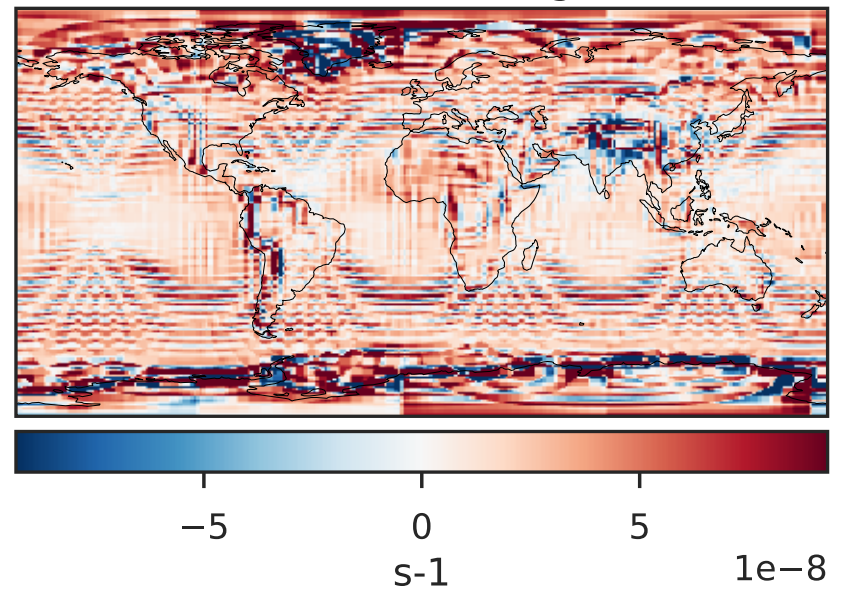
GCHP_14.2.0 (Dev)
c24



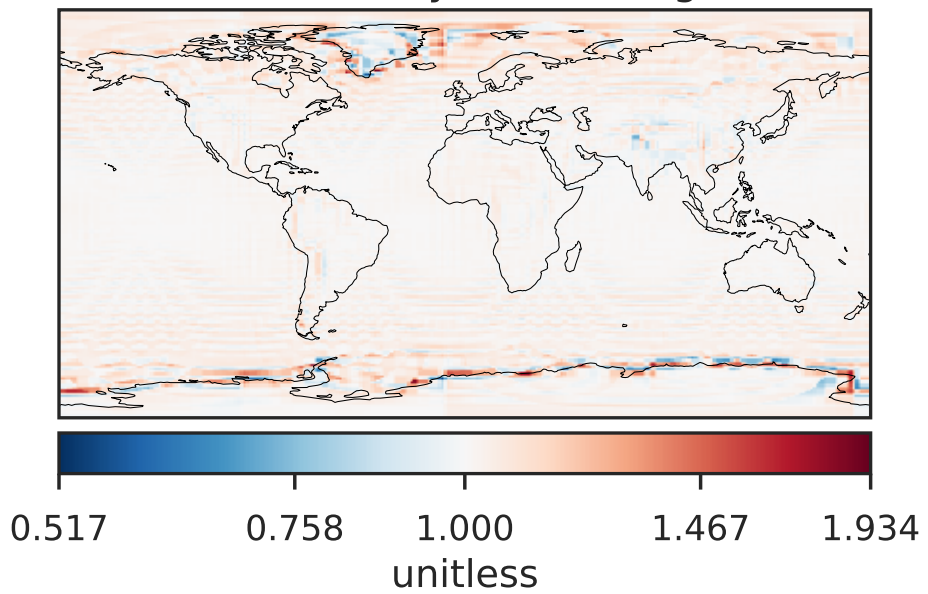
Difference (1x1.25)
Dev - Ref, Dynamic Range



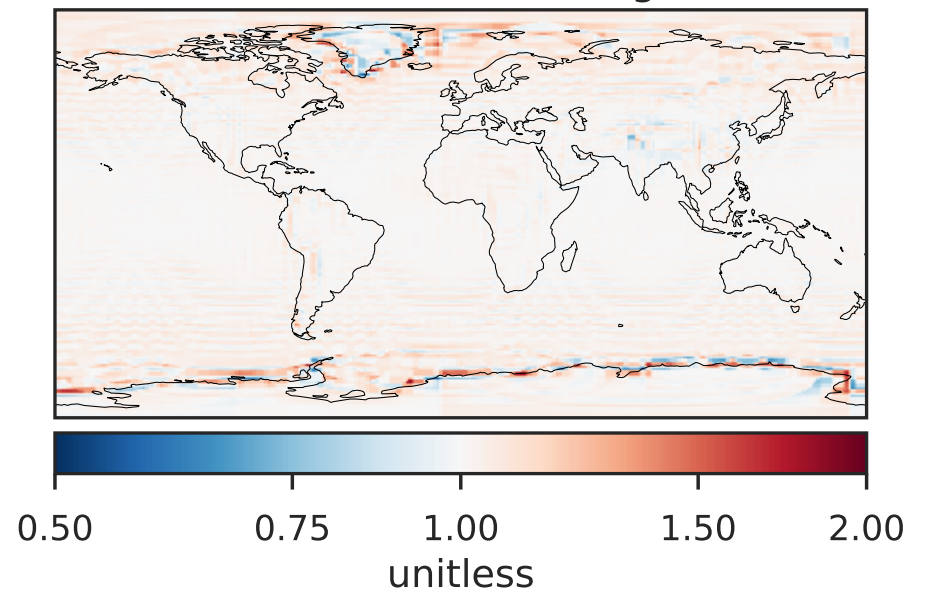
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

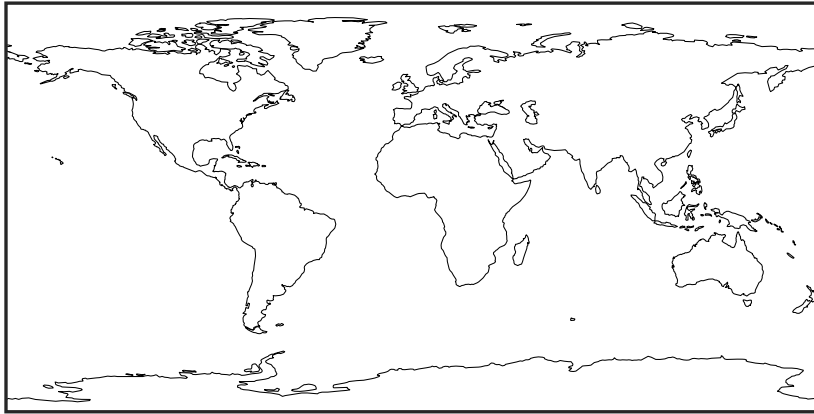


Ratio (1x1.25)
Dev/Ref, Fixed Range



Jval_SO4 (AnnualMean)

GCC_14.2.0 (Ref)
4.0x5.0



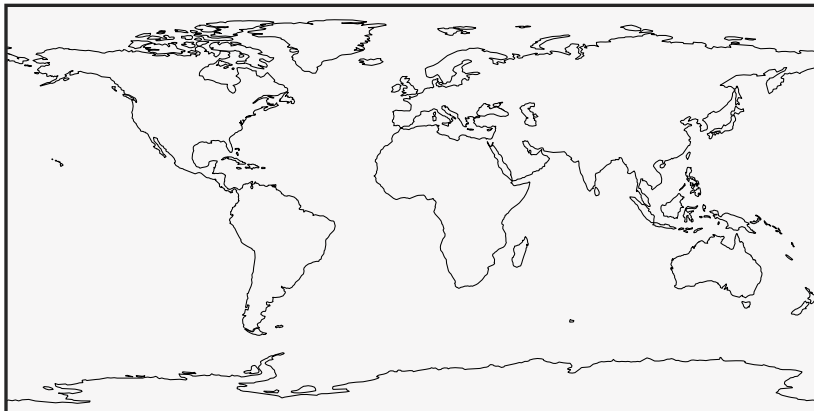
Zero throughput domain
s-1

GCHP_14.2.0 (Dev)
c24



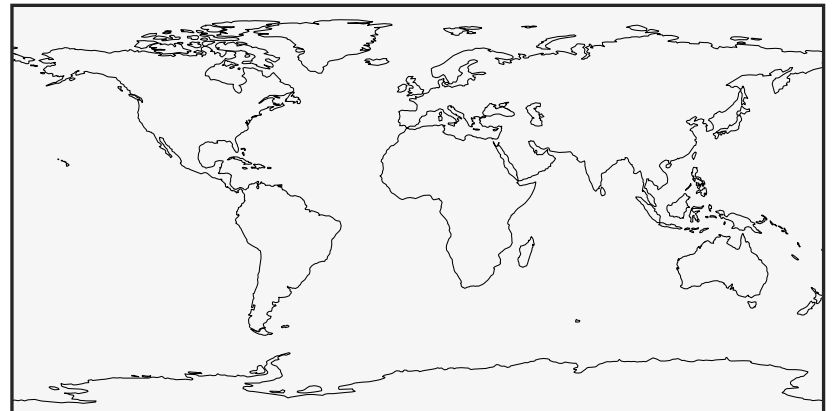
Zero throughput domain
s-1

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



Zero throughput domain
s-1

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



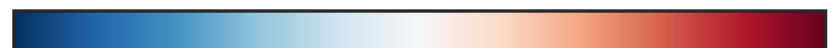
Zero throughput domain
s-1

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



Undefined throughput domain
unitless

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



Undefined throughput domain
unitless