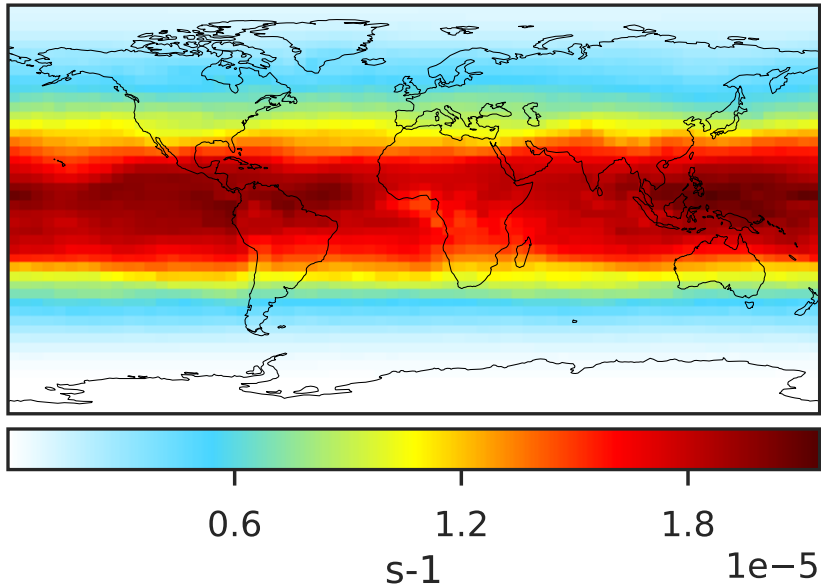
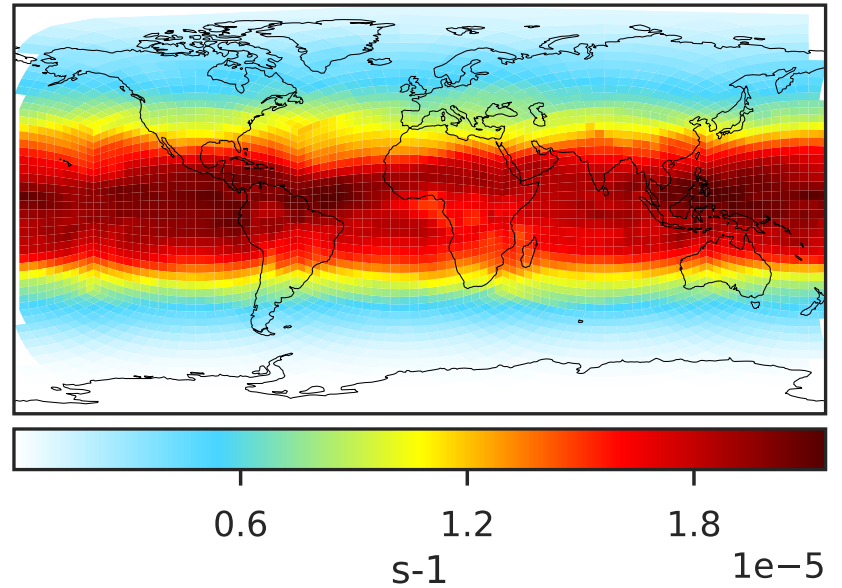


# JvalO301D (Apr2019)

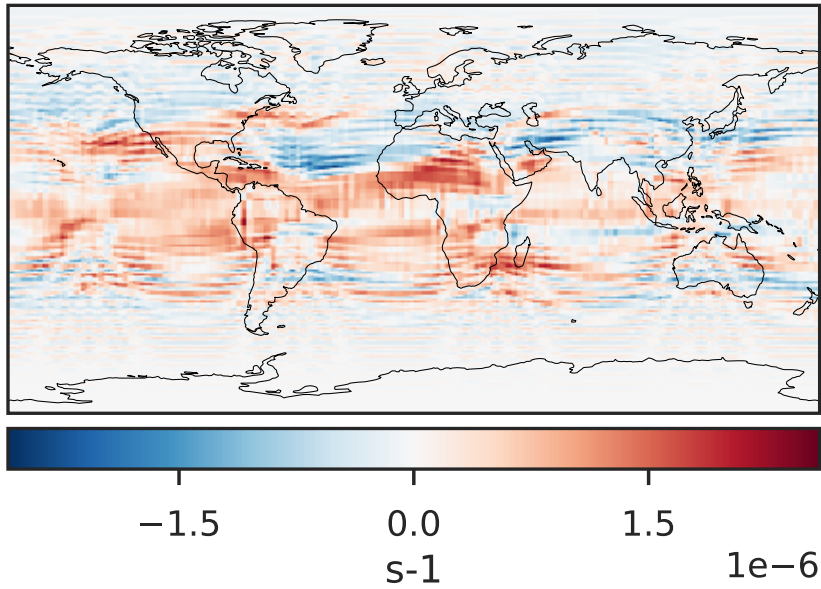
GCC\_14.2.0 (Ref)  
4.0x5.0



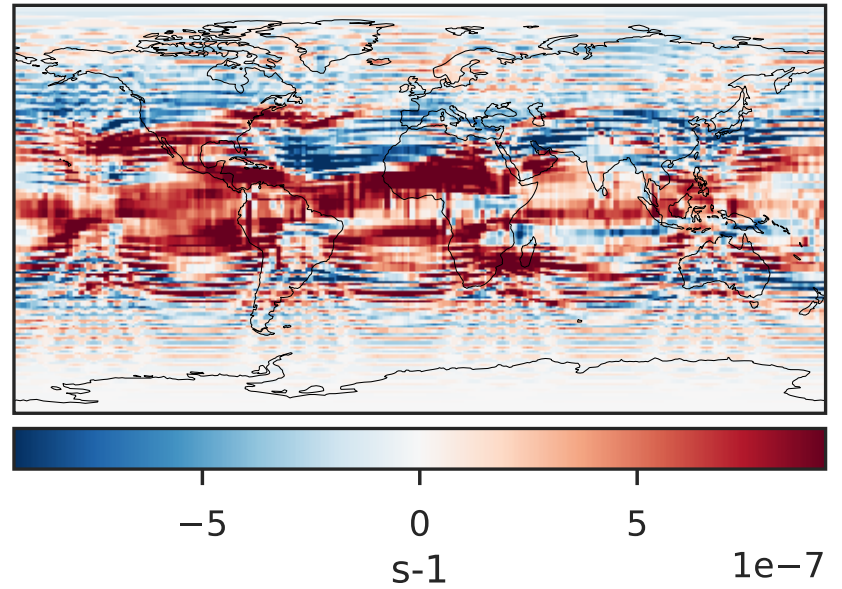
GCHP\_14.2.0 (Dev)  
c24



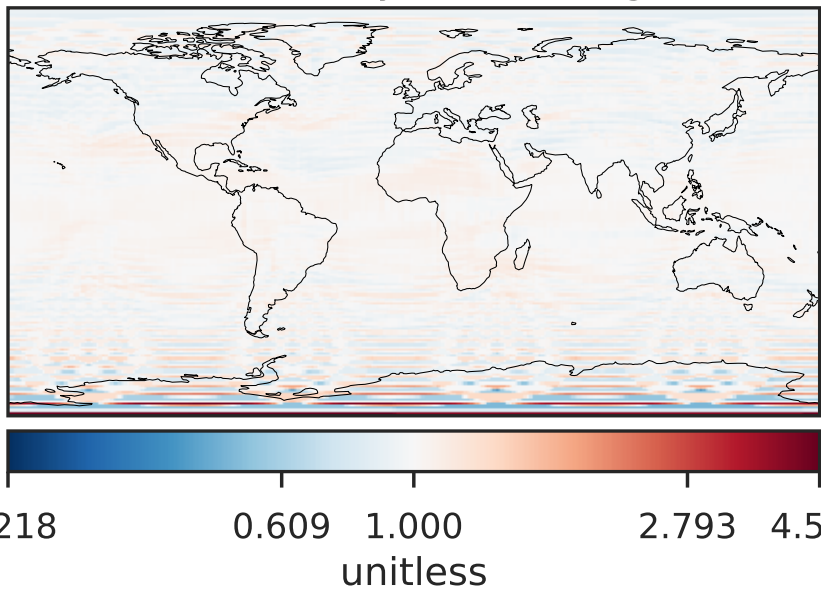
Difference (1x1.25)  
Dev - Ref, Dynamic Range



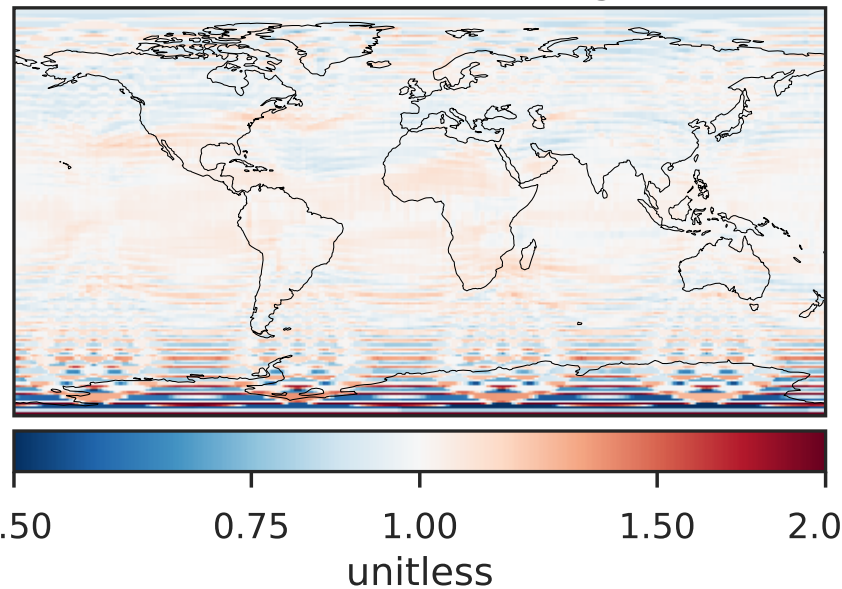
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

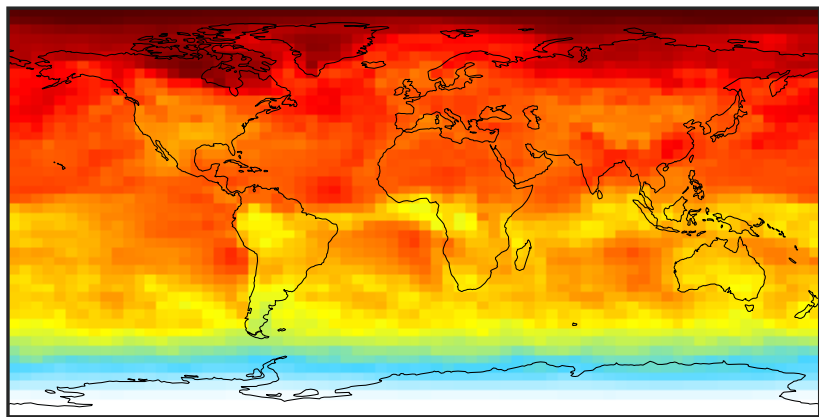


Ratio (1x1.25)  
Dev/Ref, Fixed Range



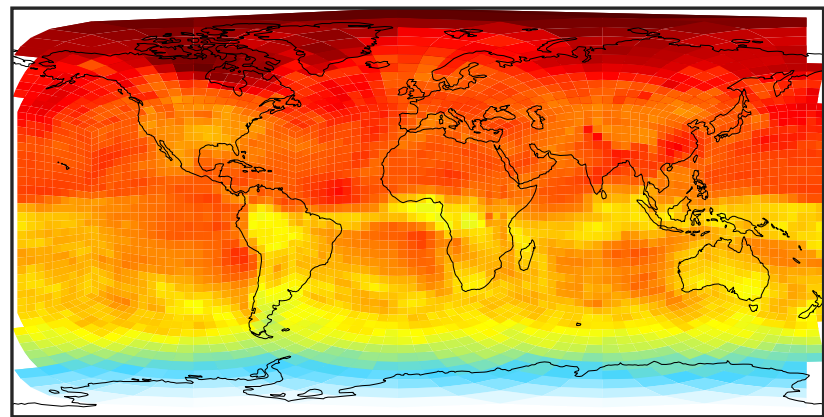
# JvalO3O3P (Apr2019)

GCC\_14.2.0 (Ref)  
4.0x5.0



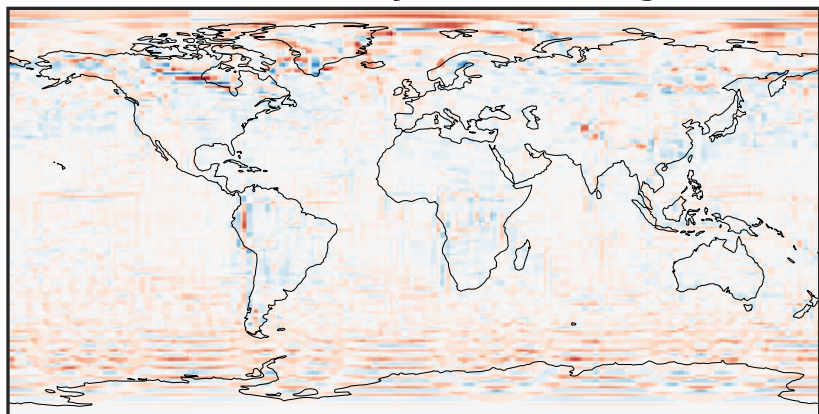
0.0001 0.0002 0.0003  
s-1

GCHP\_14.2.0 (Dev)  
c24



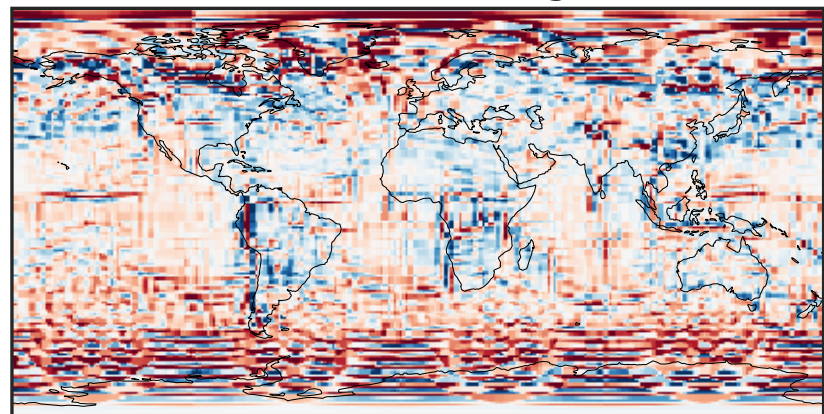
0.0001 0.0002 0.0003  
s-1

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



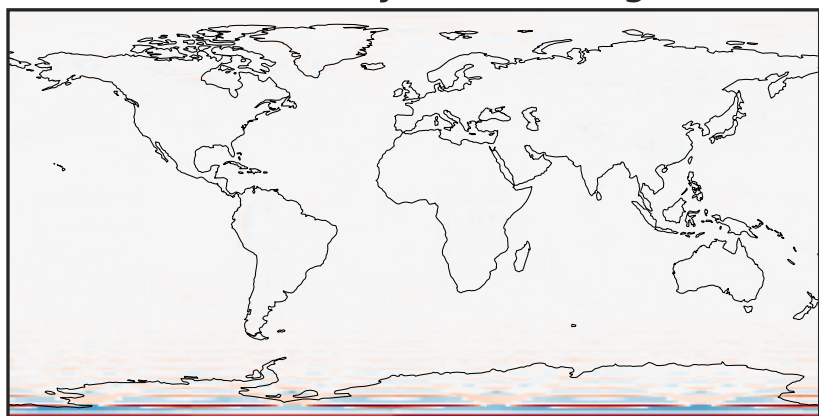
-2.5 0.0 2.5  
s-1 1e-5

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



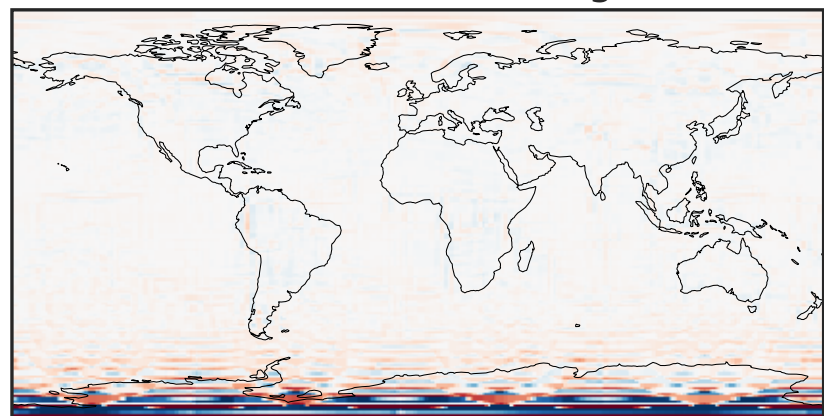
-6 0 6  
s-1 1e-6

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



0.109 0.554 1.000 5.089 9.179  
unitless

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

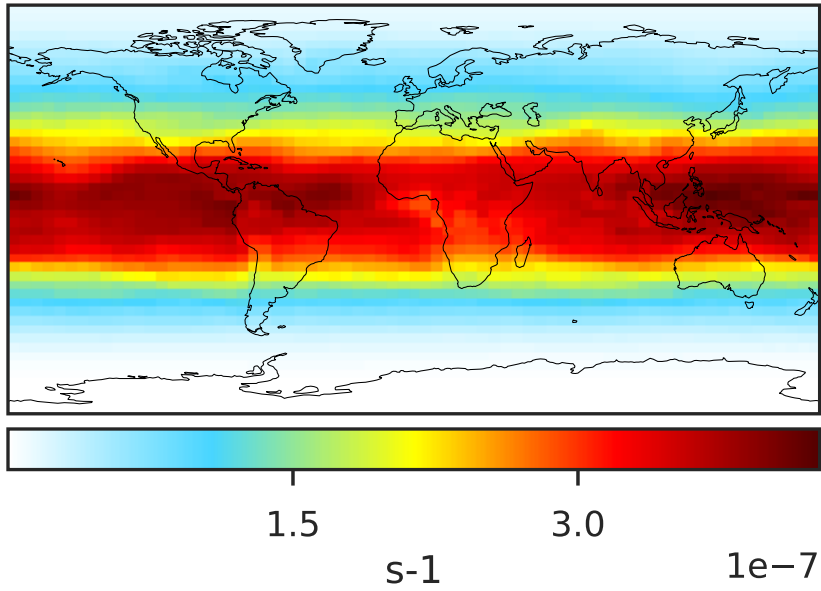


0.50 0.75 1.00 1.50 2.00  
unitless

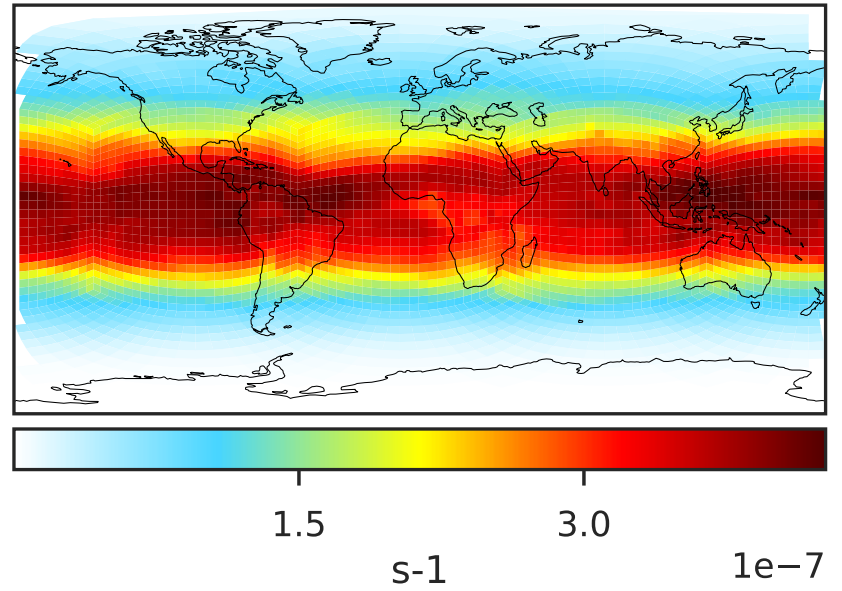


# Jval\_ACET (Apr2019)

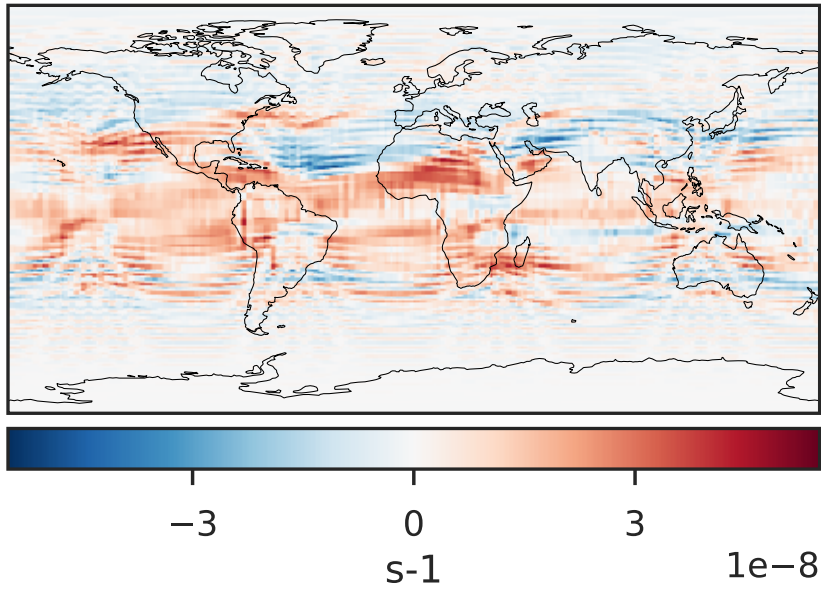
GCC\_14.2.0 (Ref)  
4.0x5.0



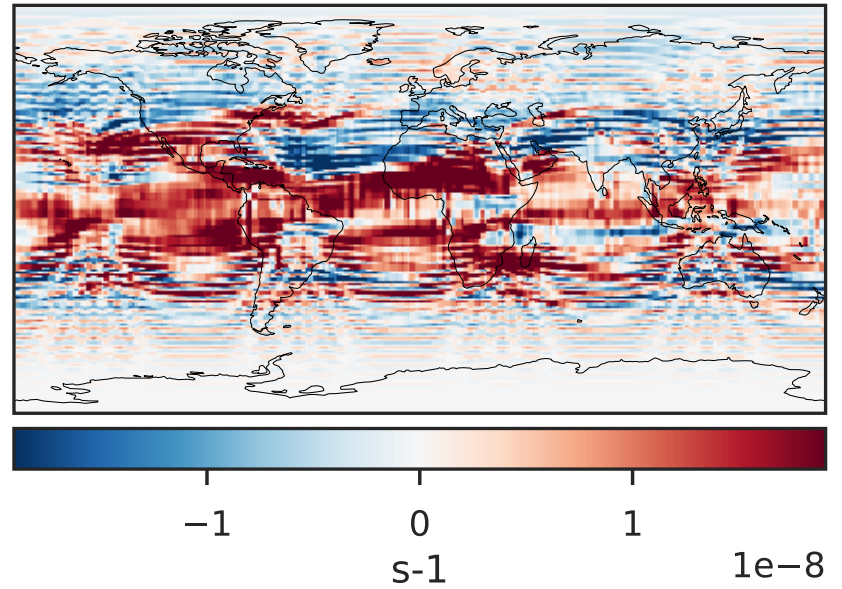
GCHP\_14.2.0 (Dev)  
c24



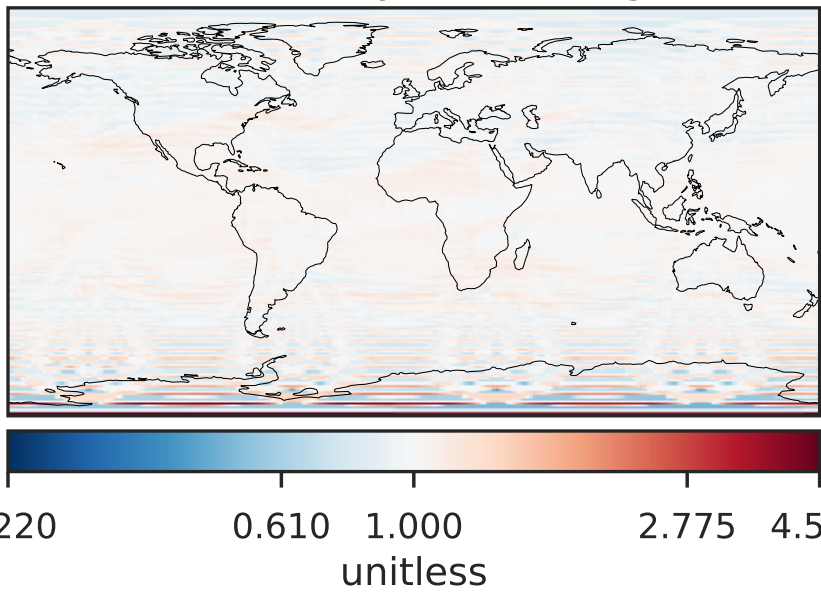
Difference (1x1.25)  
Dev - Ref, Dynamic Range



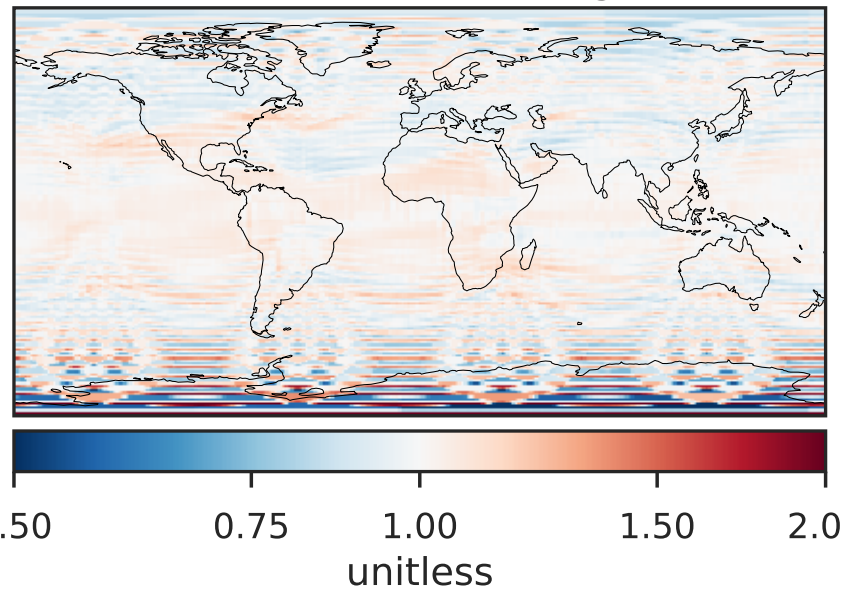
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

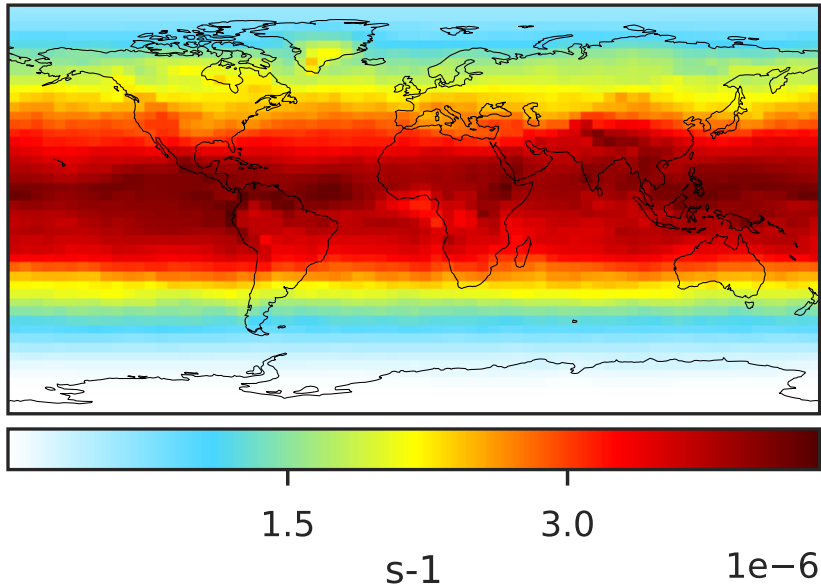


Ratio (1x1.25)  
Dev/Ref, Fixed Range

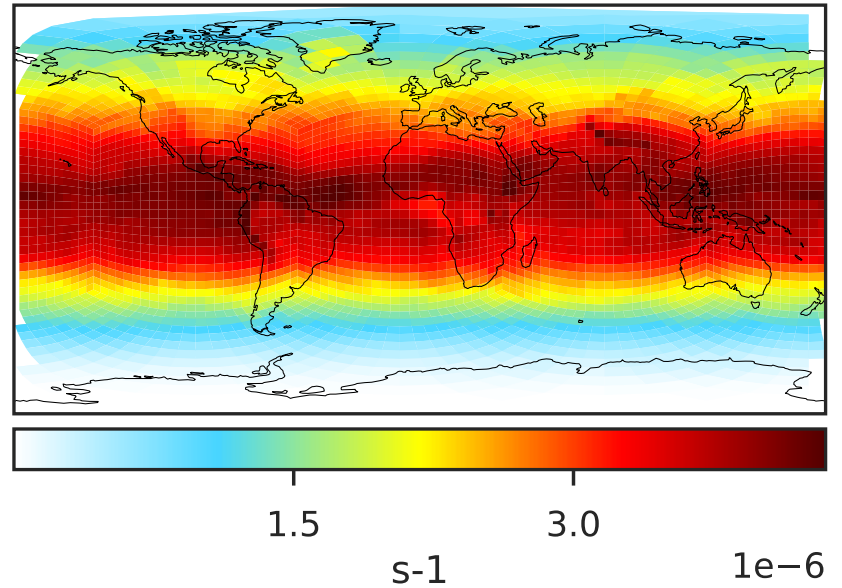


# Jval\_ALD2 (Apr2019)

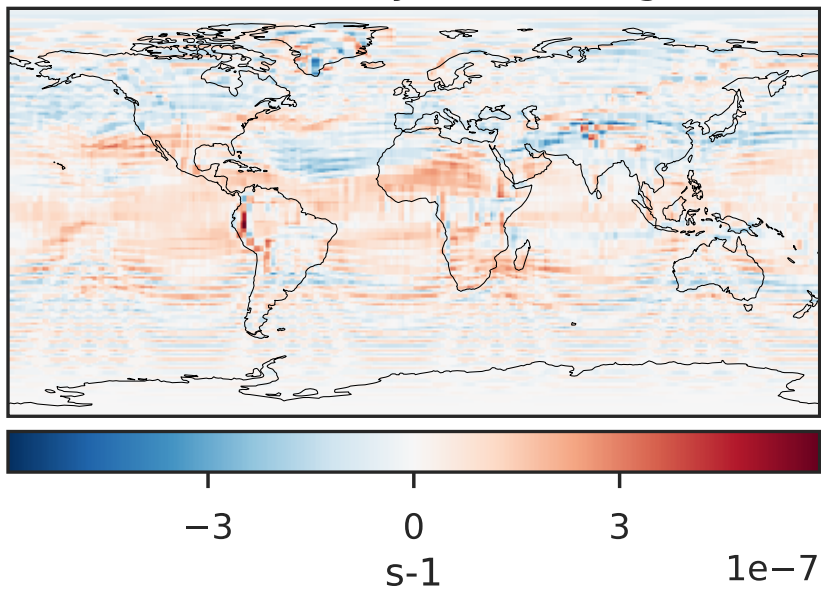
GCC\_14.2.0 (Ref)  
4.0x5.0



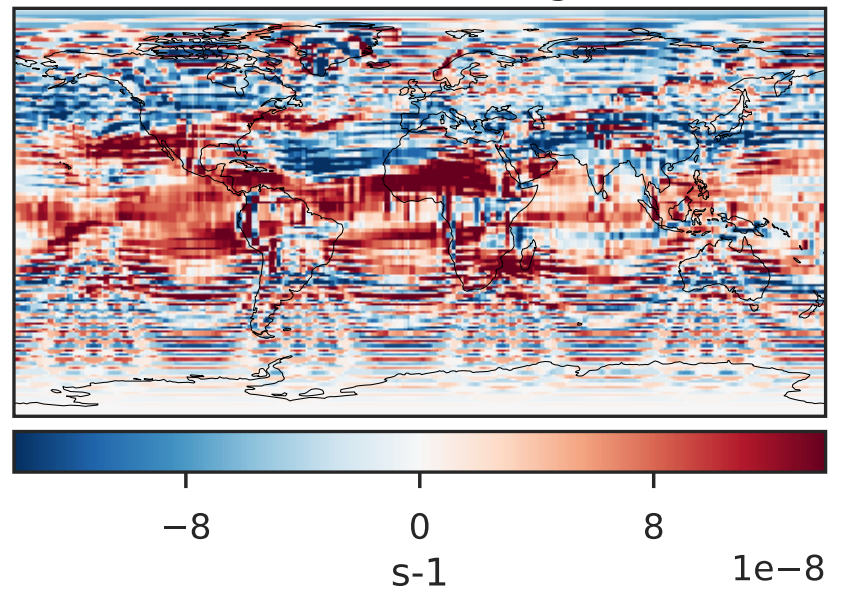
GCHP\_14.2.0 (Dev)  
c24



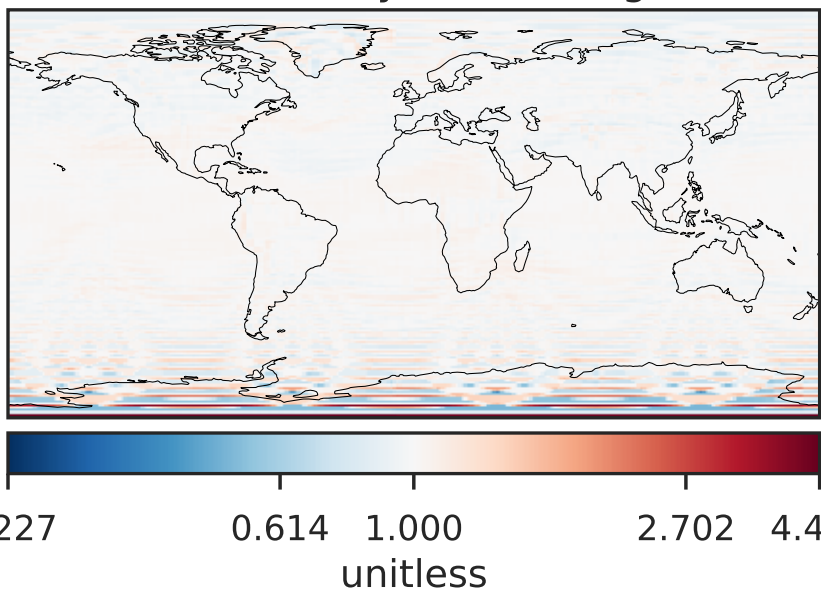
Difference (1x1.25)  
Dev - Ref, Dynamic Range



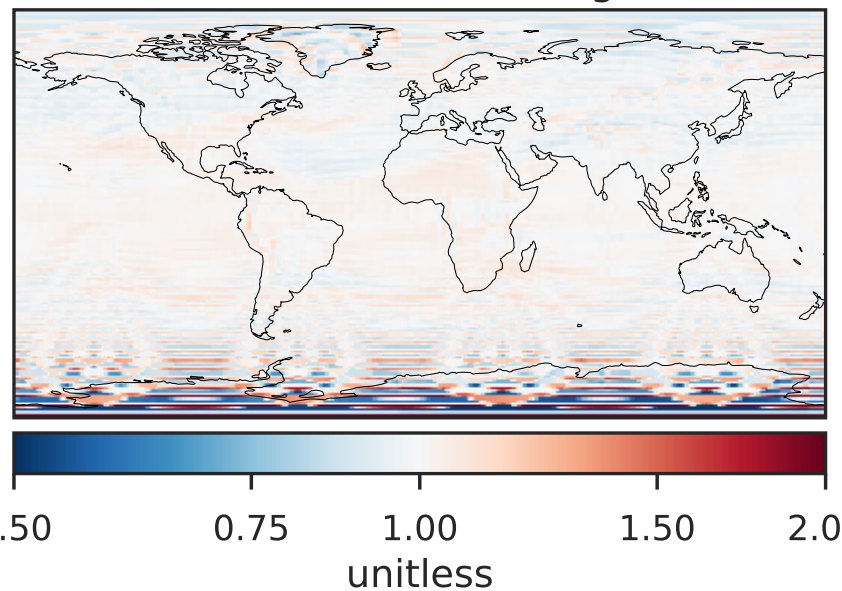
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



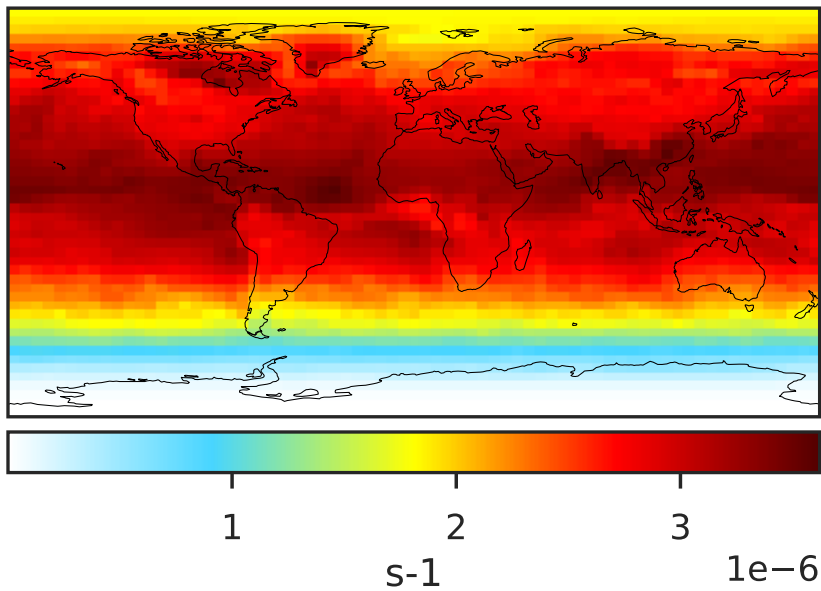
Ratio (1x1.25)  
Dev/Ref, Fixed Range



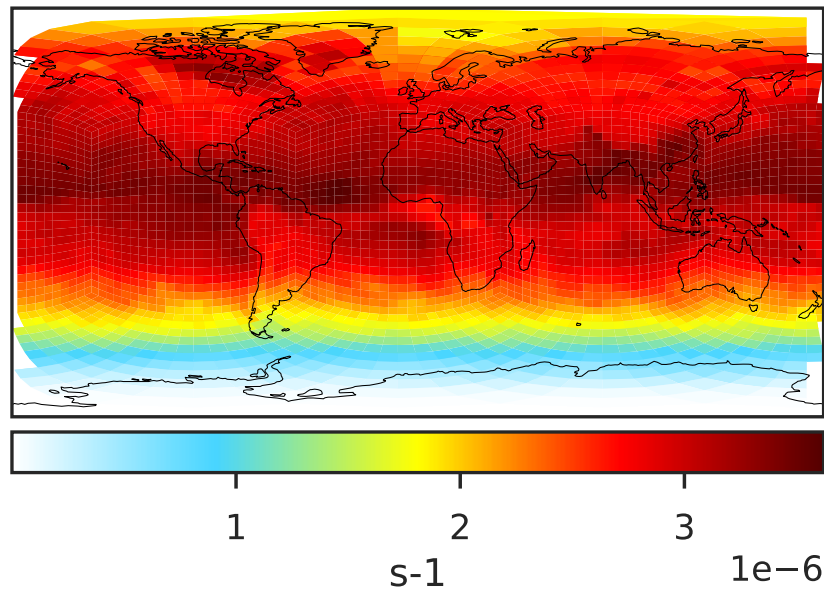


# Jval\_ATOOH (Apr2019)

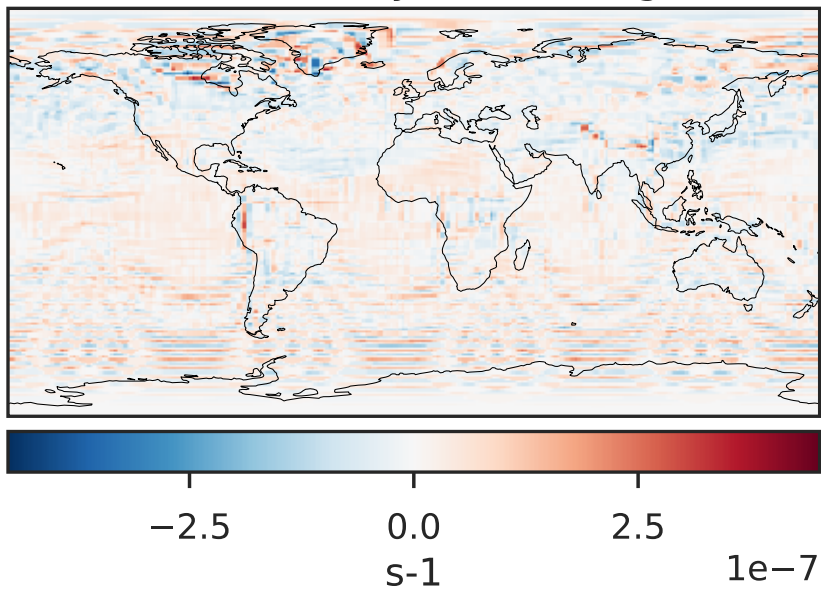
GCC\_14.2.0 (Ref)  
4.0x5.0



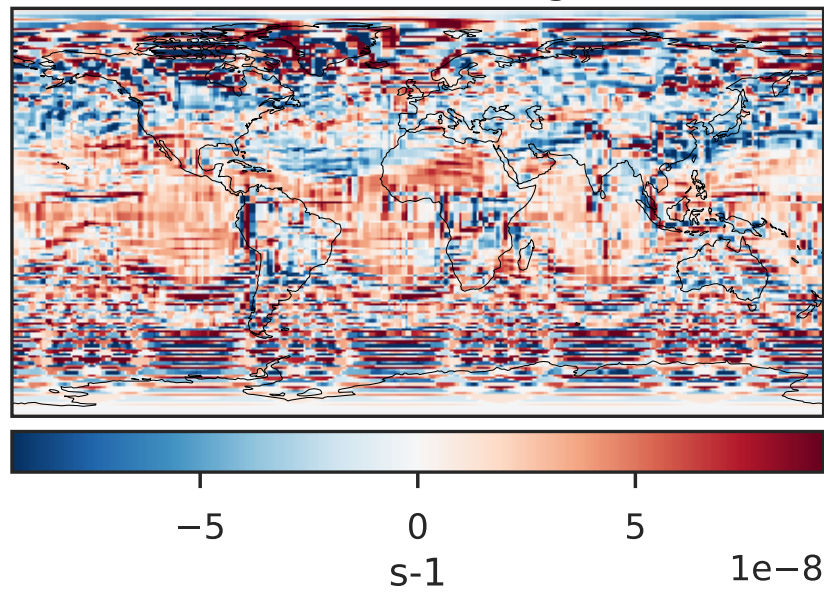
GCHP\_14.2.0 (Dev)  
c24



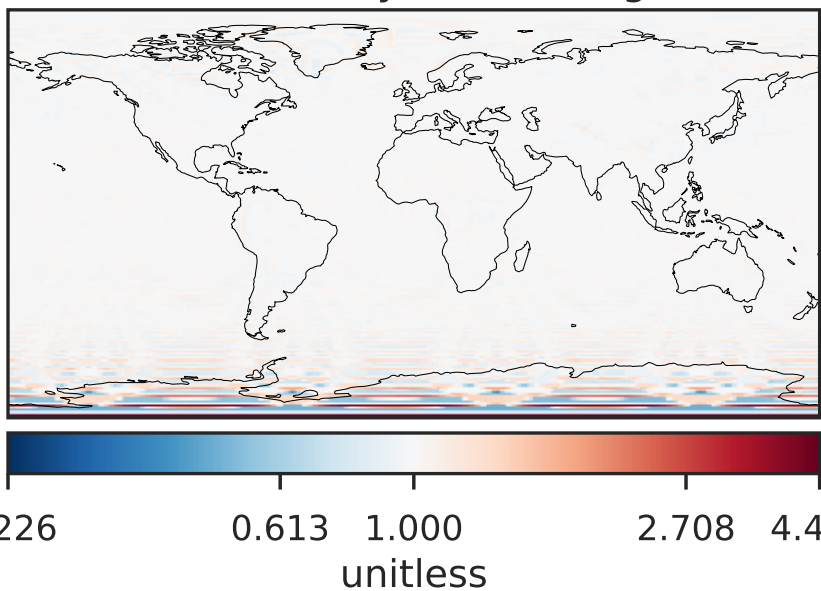
Difference (1x1.25)  
Dev - Ref, Dynamic Range



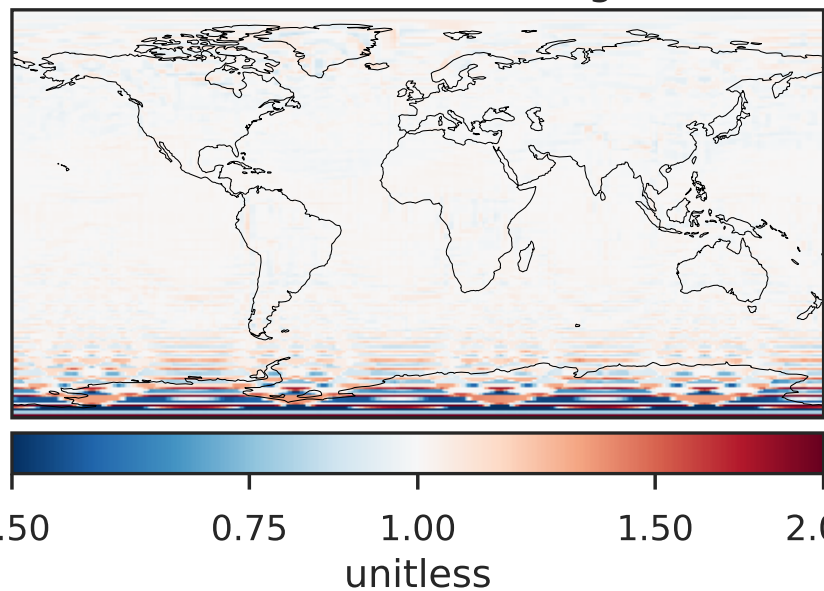
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

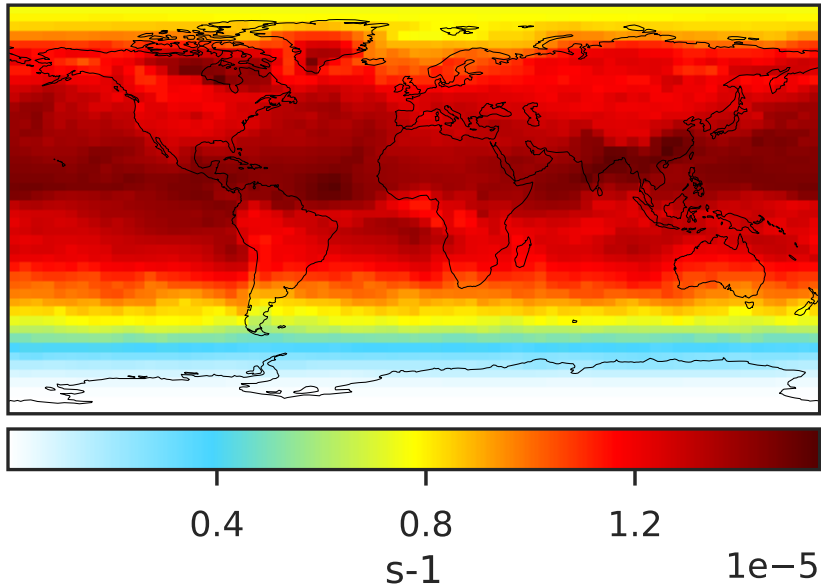


Ratio (1x1.25)  
Dev/Ref, Fixed Range

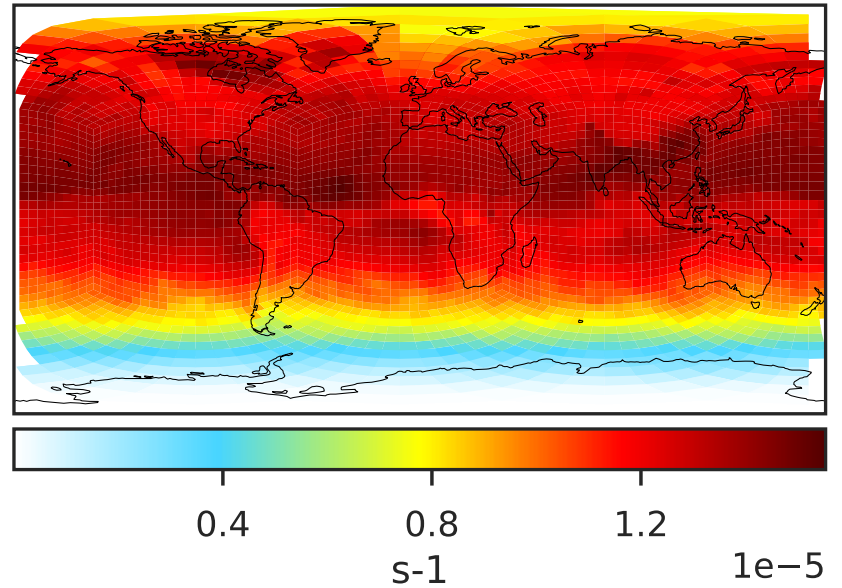


# Jval\_BALD (Apr2019)

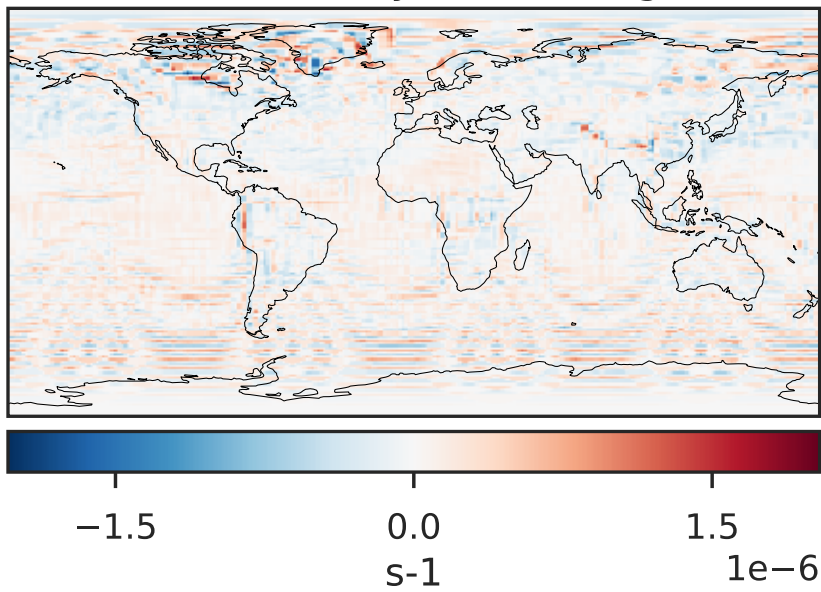
GCC\_14.2.0 (Ref)  
4.0x5.0



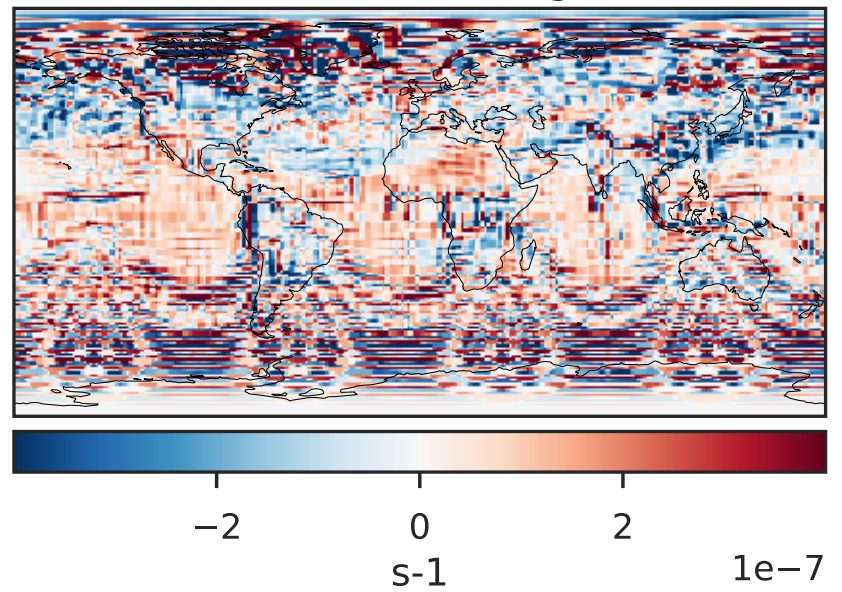
GCHP\_14.2.0 (Dev)  
c24



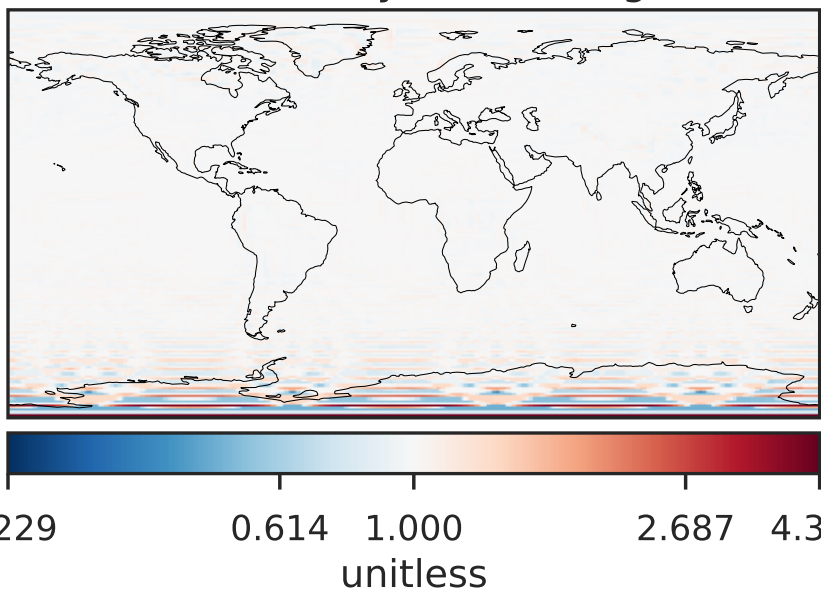
Difference (1x1.25)  
Dev - Ref, Dynamic Range



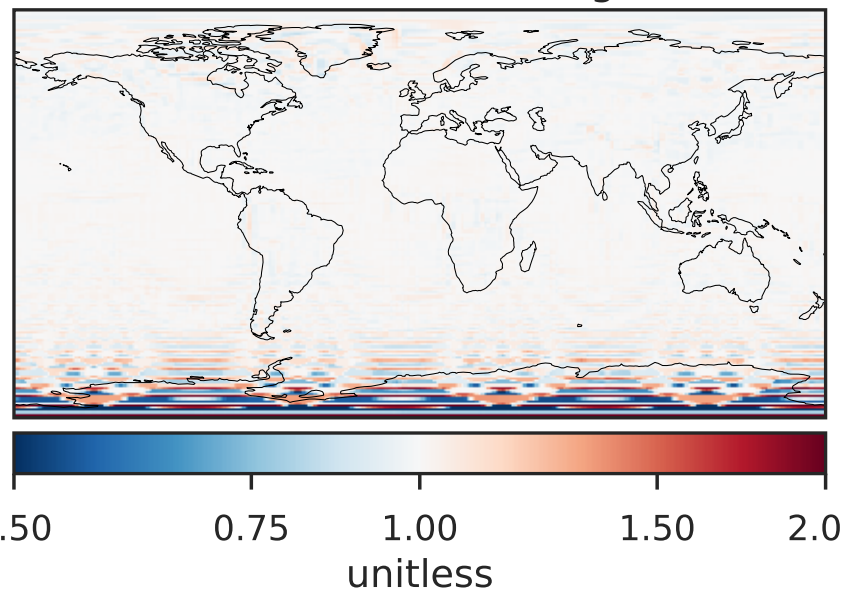
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



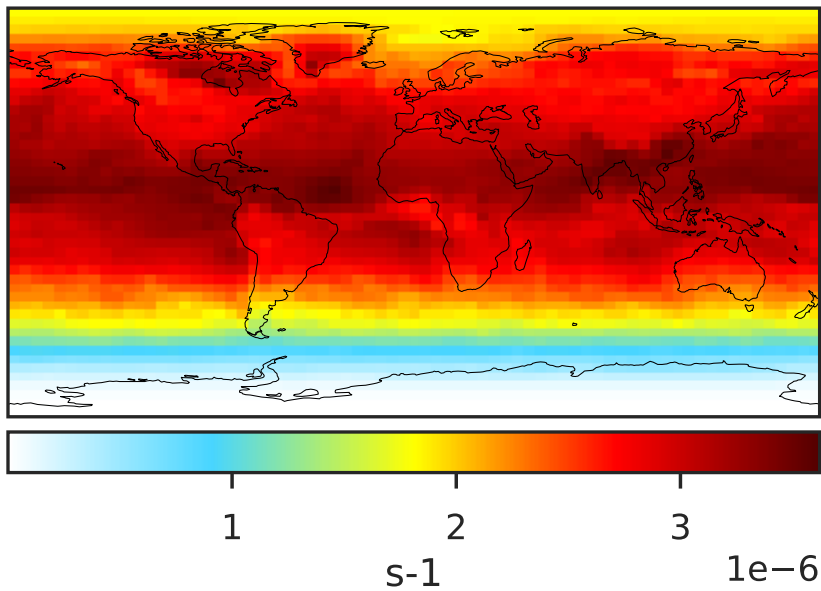
Ratio (1x1.25)  
Dev/Ref, Fixed Range



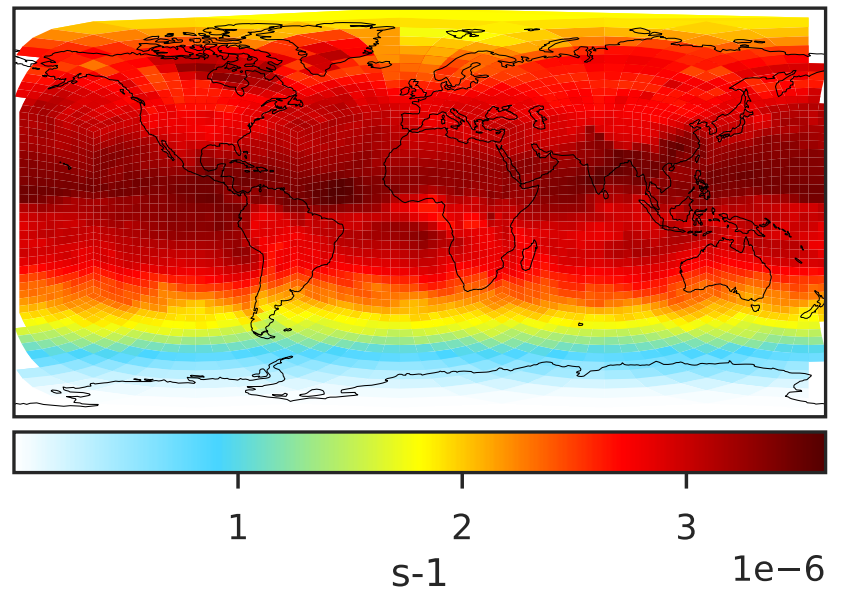


# Jval\_BENZP (Apr2019)

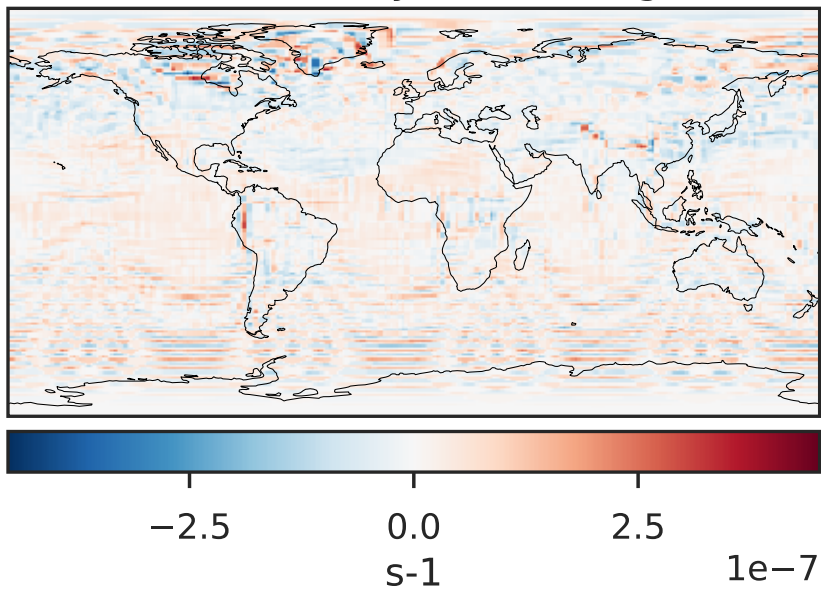
GCC\_14.2.0 (Ref)  
4.0x5.0



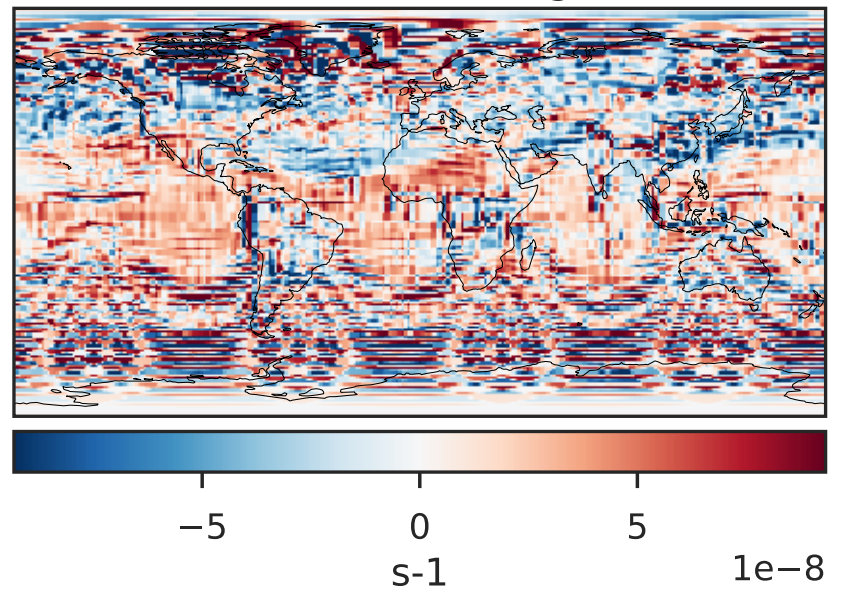
GCHP\_14.2.0 (Dev)  
c24



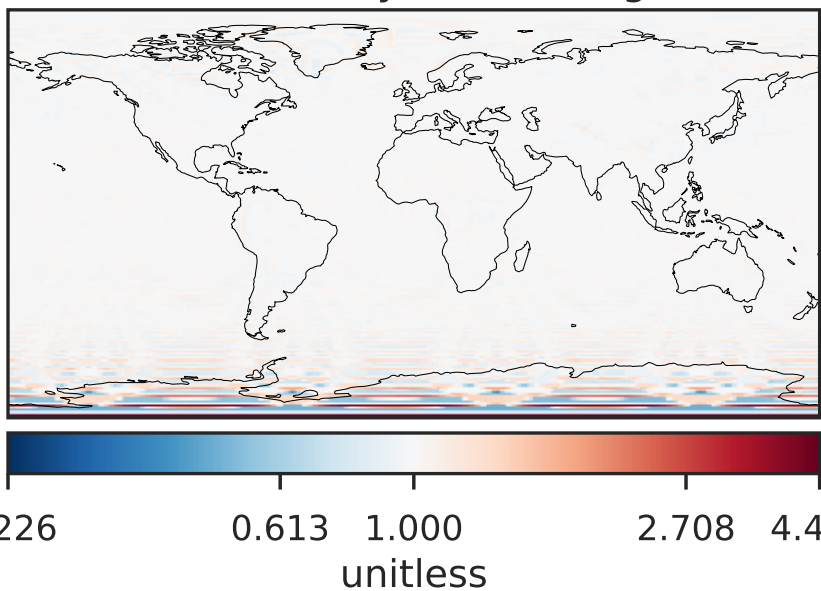
Difference (1x1.25)  
Dev - Ref, Dynamic Range



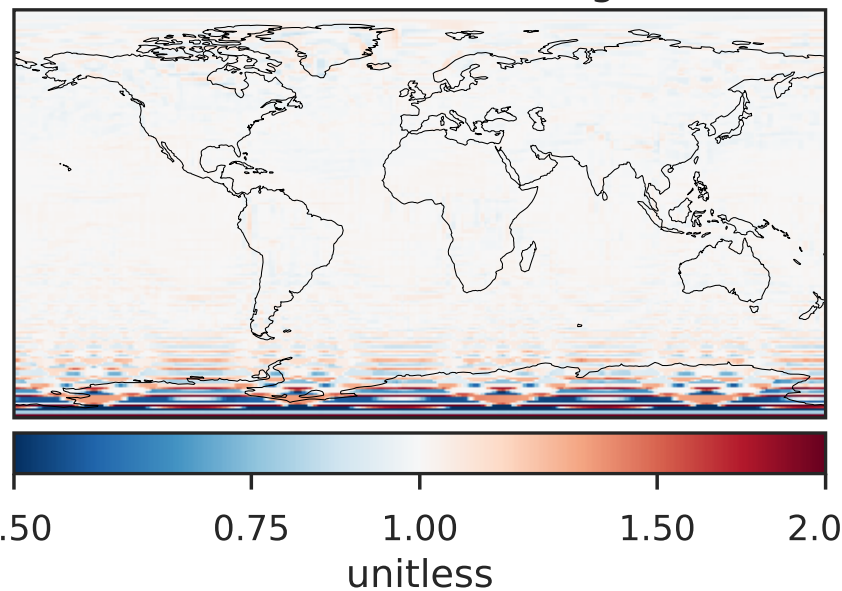
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

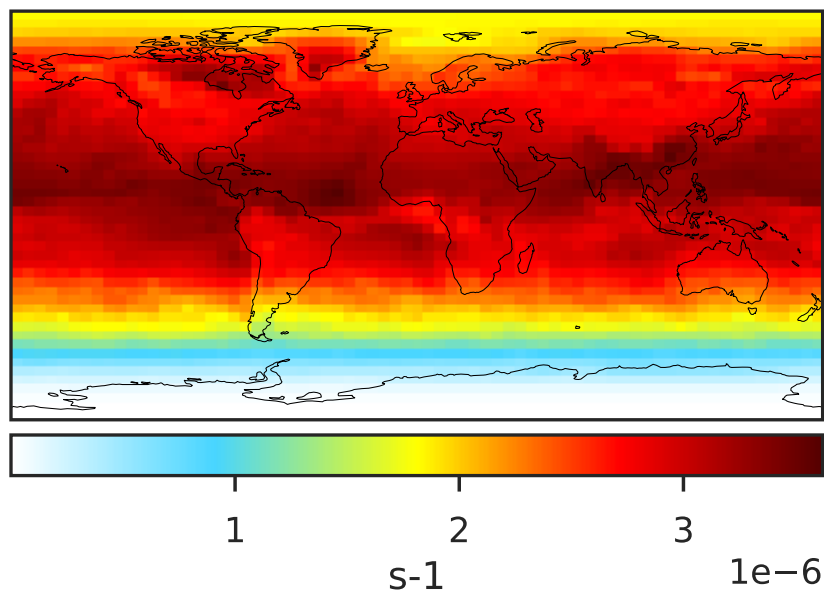


Ratio (1x1.25)  
Dev/Ref, Fixed Range

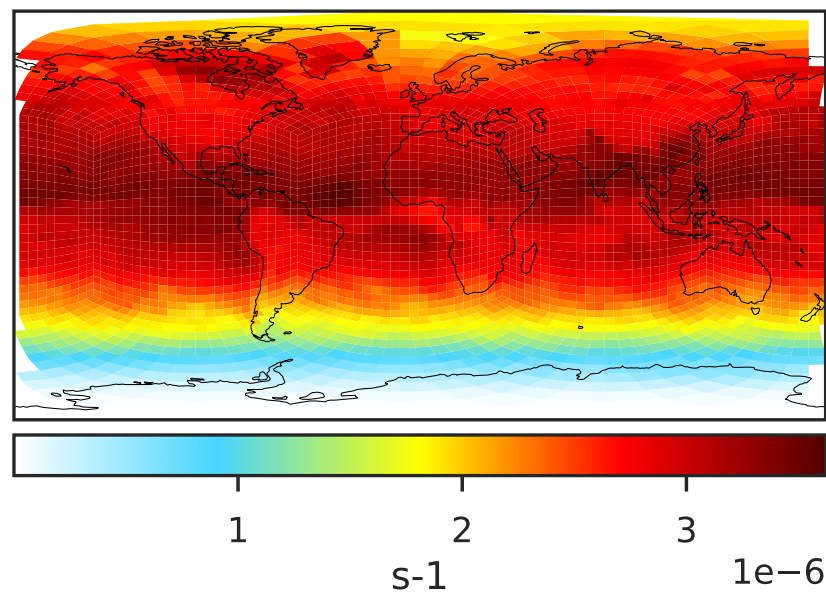


# Jval\_BZCO3H (Apr2019)

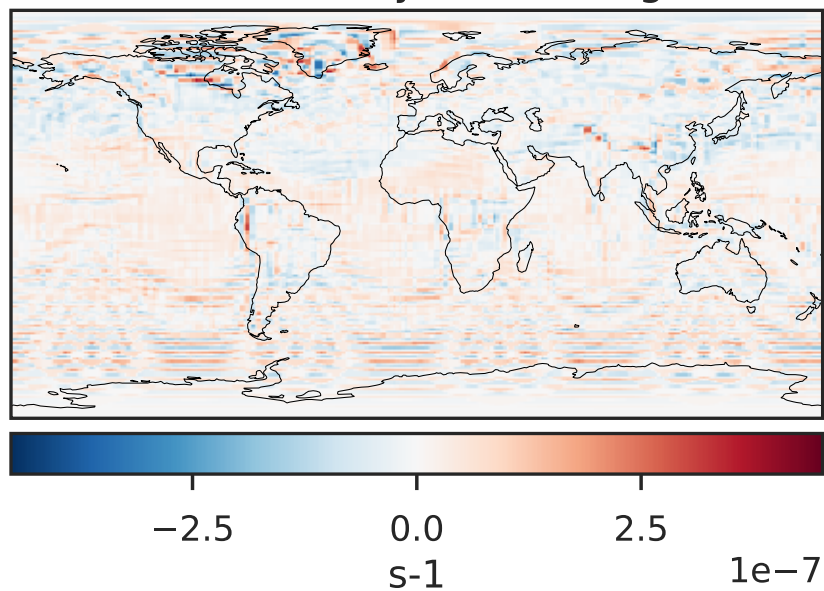
GCC\_14.2.0 (Ref)  
4.0x5.0



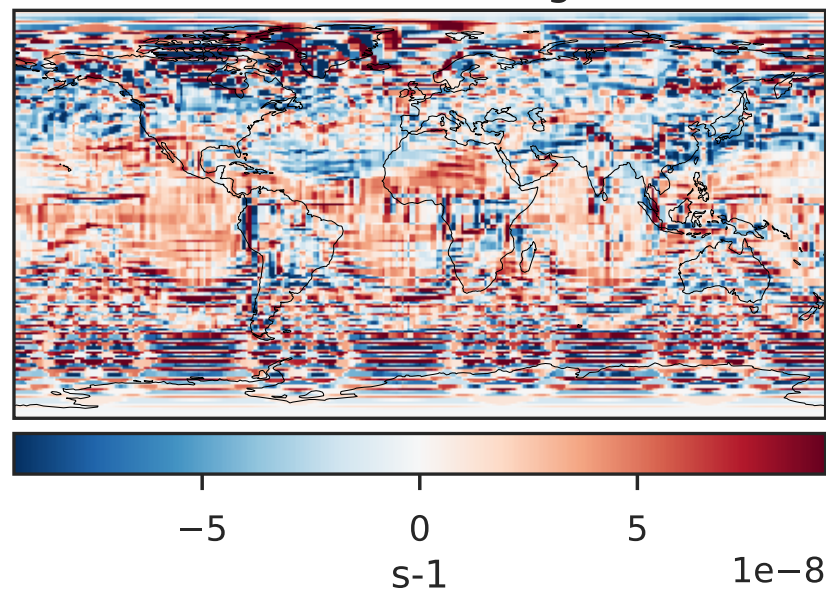
GCHP\_14.2.0 (Dev)  
c24



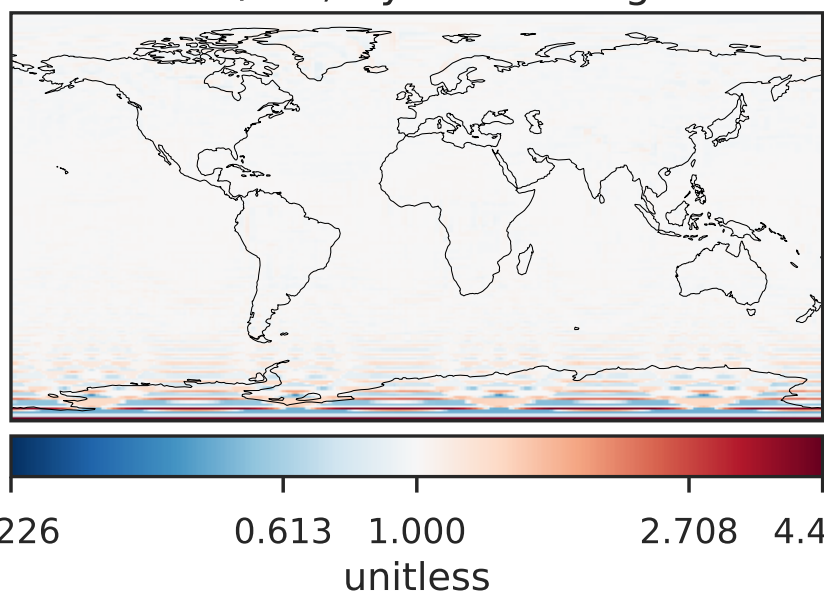
Difference (1x1.25)  
Dev - Ref, Dynamic Range



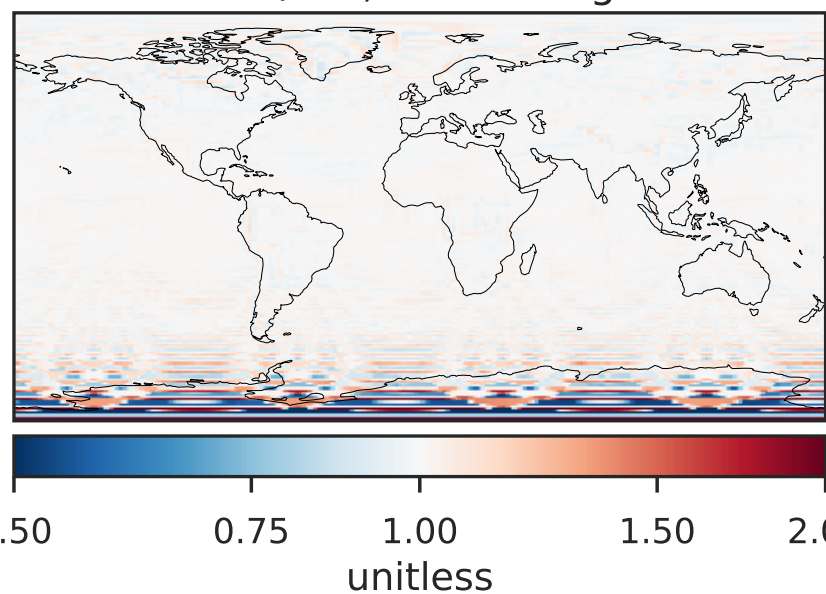
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



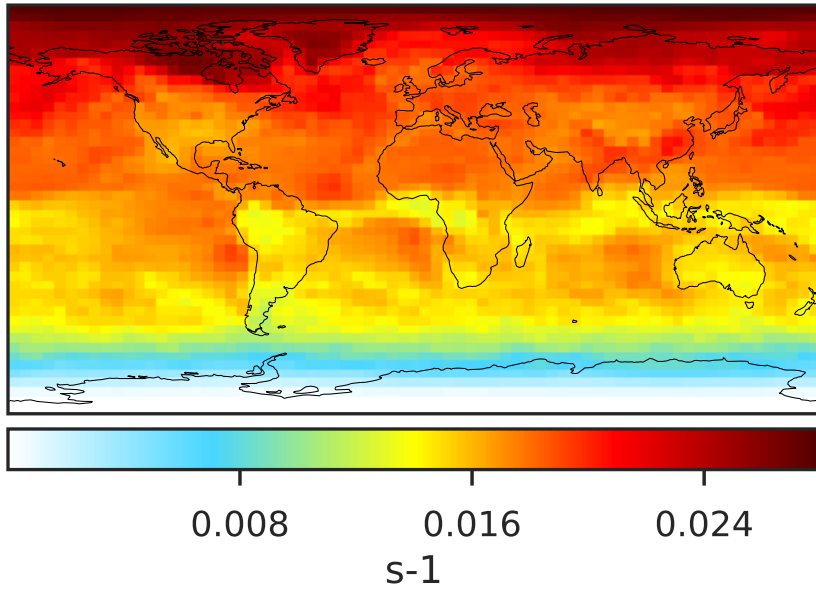
Ratio (1x1.25)  
Dev/Ref, Fixed Range



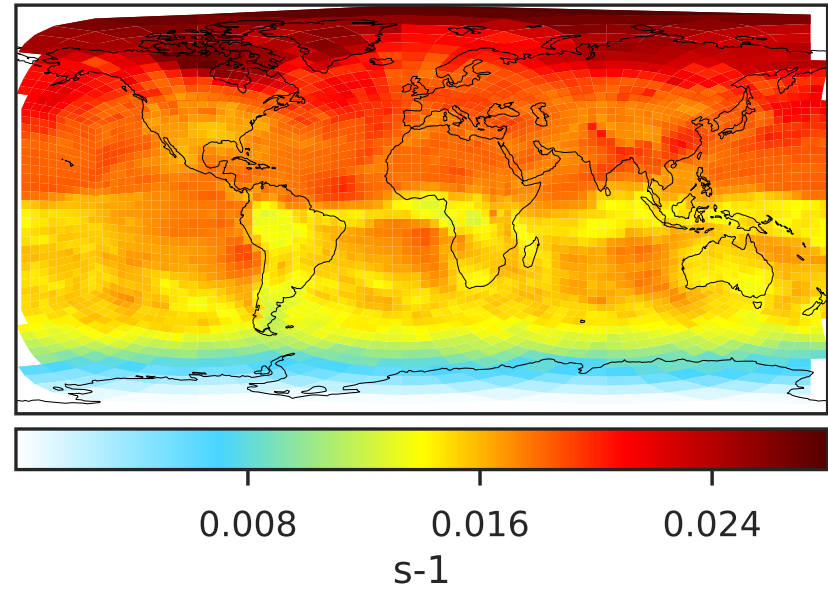


# Jval\_Br2 (Apr2019)

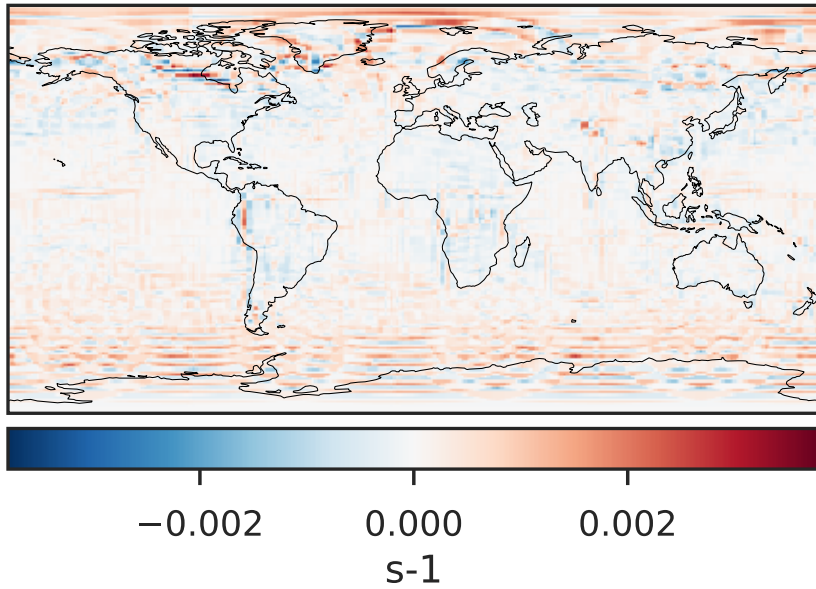
GCC\_14.2.0 (Ref)  
4.0x5.0



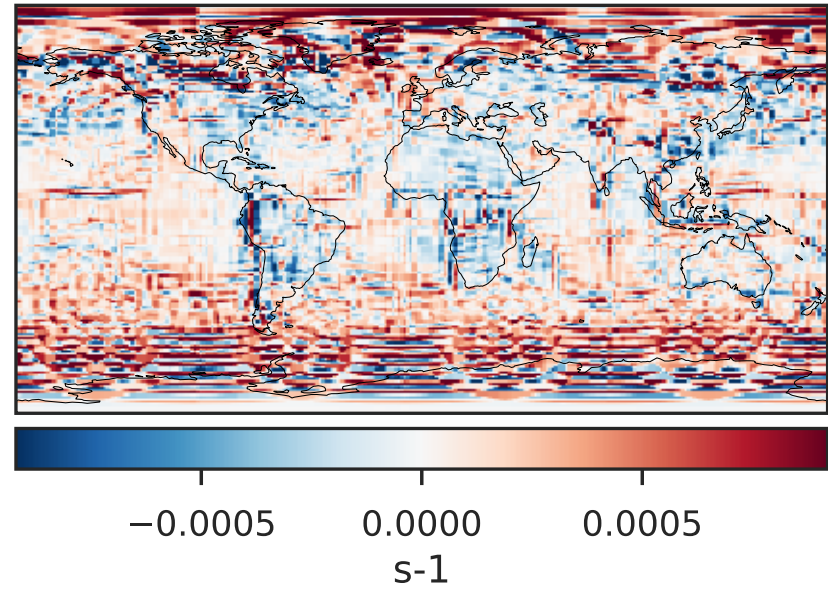
GCHP\_14.2.0 (Dev)  
c24



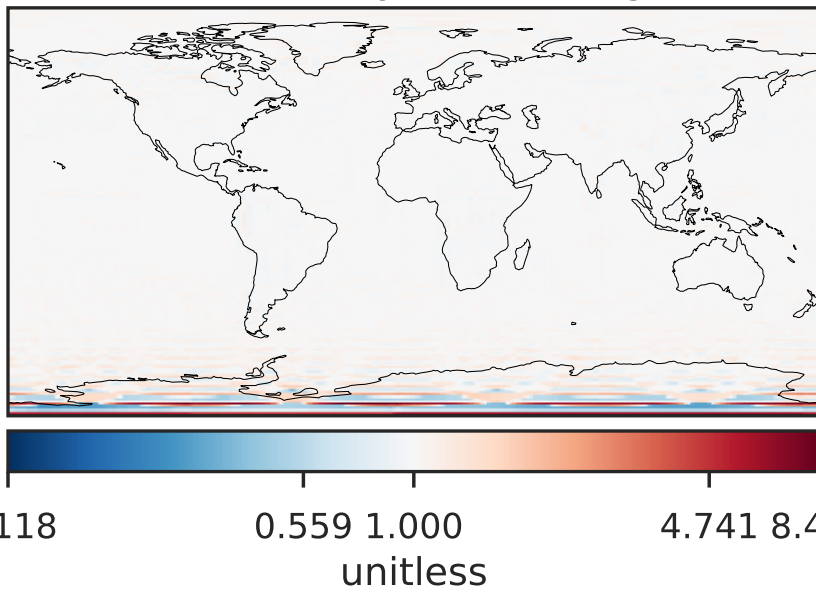
Difference (1x1.25)  
Dev - Ref, Dynamic Range



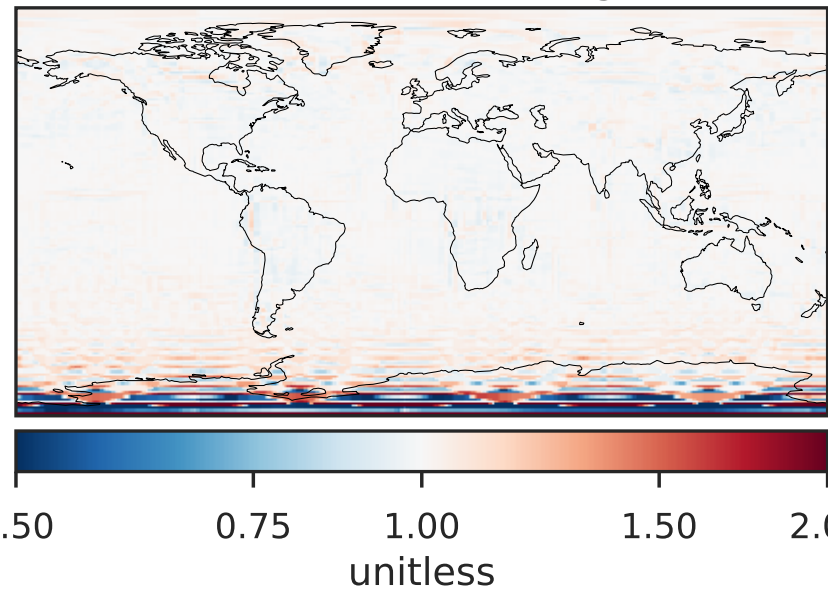
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

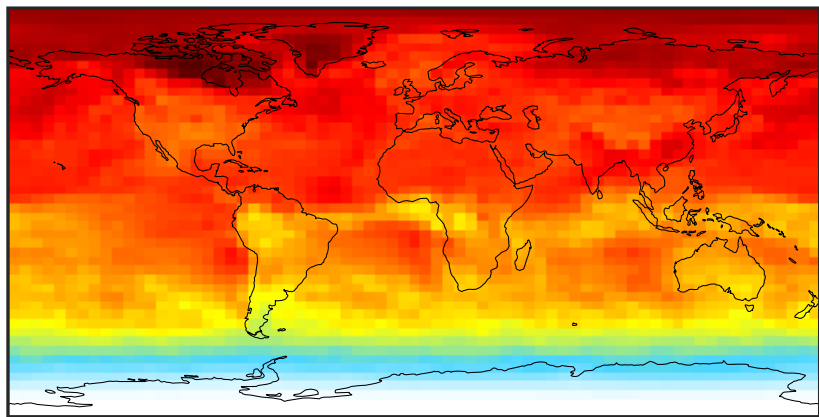


Ratio (1x1.25)  
Dev/Ref, Fixed Range



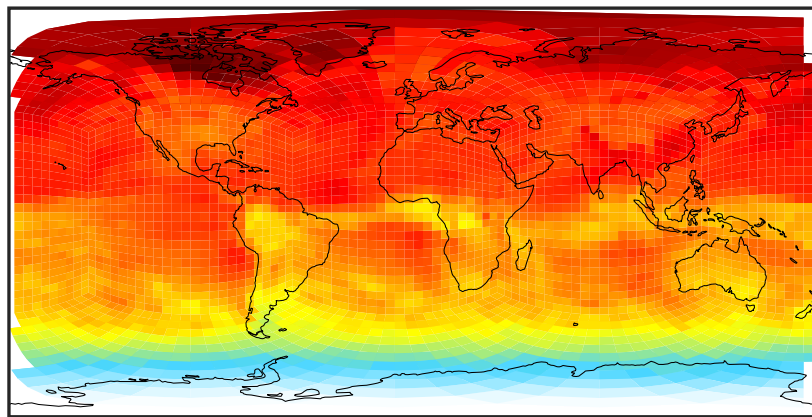
# Jval\_BrCl (Apr2019)

GCC\_14.2.0 (Ref)  
4.0x5.0



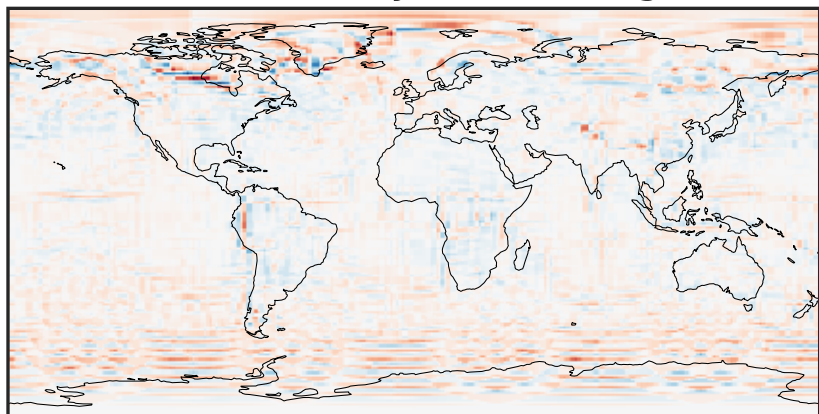
0.0025 0.0050 0.0075  
s-1

GCHP\_14.2.0 (Dev)  
c24



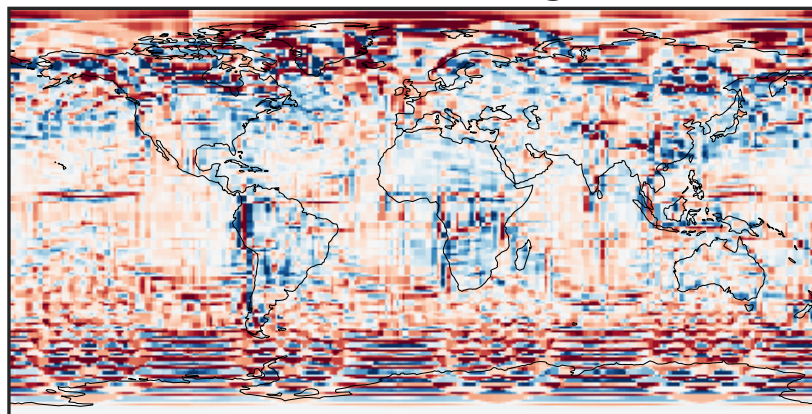
0.0025 0.0050 0.0075  
s-1

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



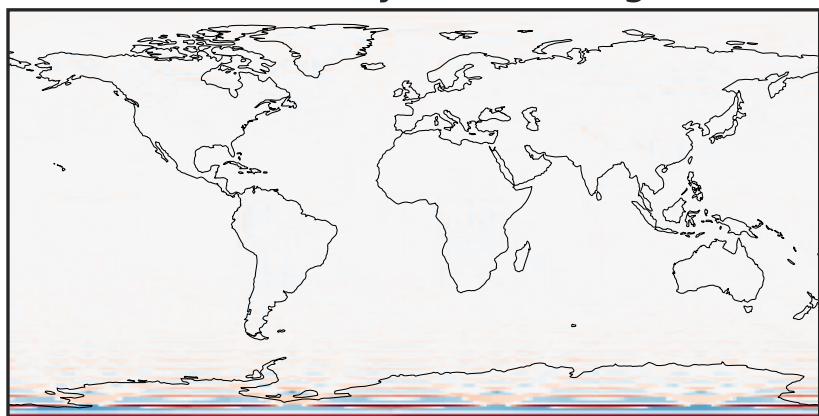
-0.0006 0.0000 0.0006  
s-1

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



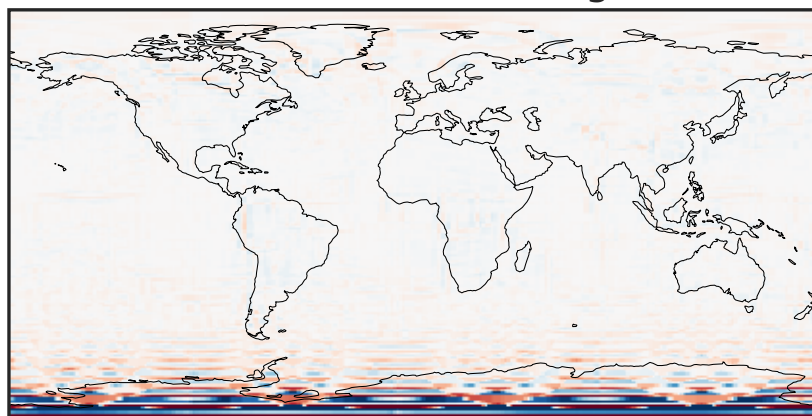
-0.00015 0.00000 0.00015  
s-1

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



0.152 0.576 1.000 3.781 6.562  
unitless

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

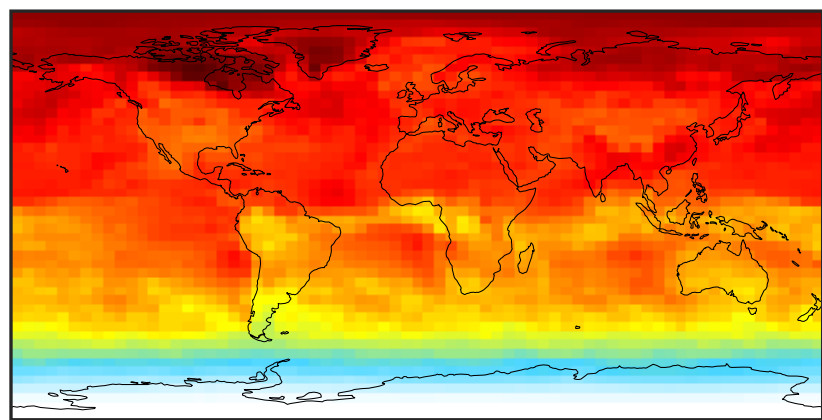


0.50 0.75 1.00 1.50 2.00  
unitless



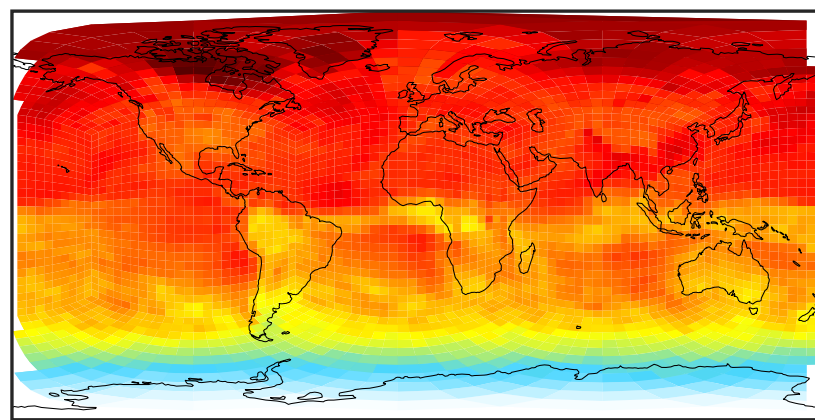
# Jval\_BrNO2 (Apr2019)

GCC\_14.2.0 (Ref)  
4.0x5.0



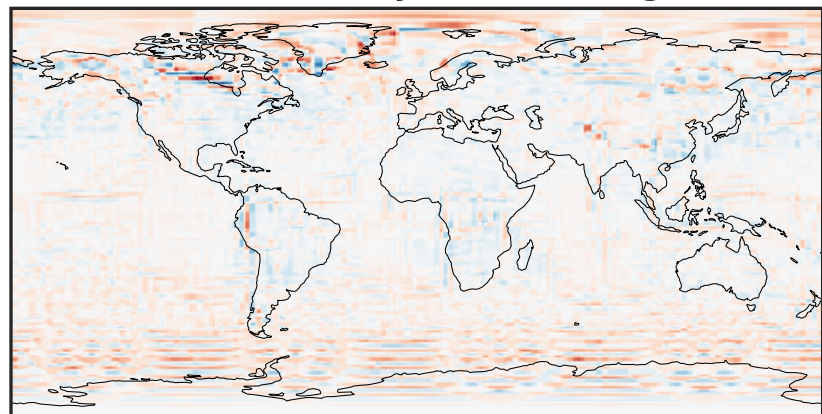
0.0015 0.0030 0.0045  
s-1

GCHP\_14.2.0 (Dev)  
c24



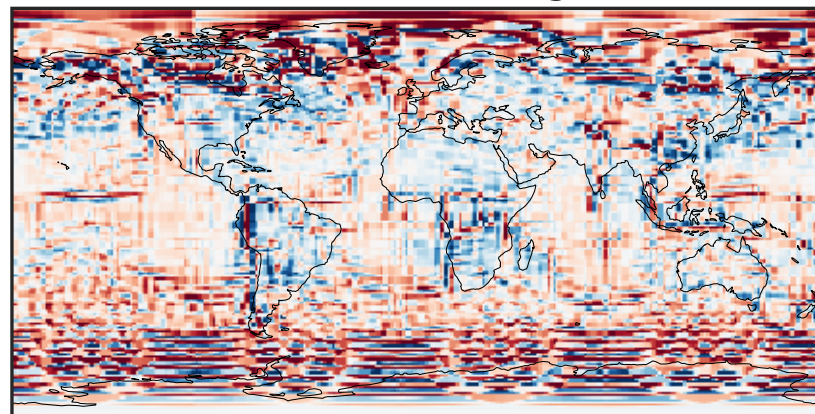
0.0015 0.0030 0.0045  
s-1

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



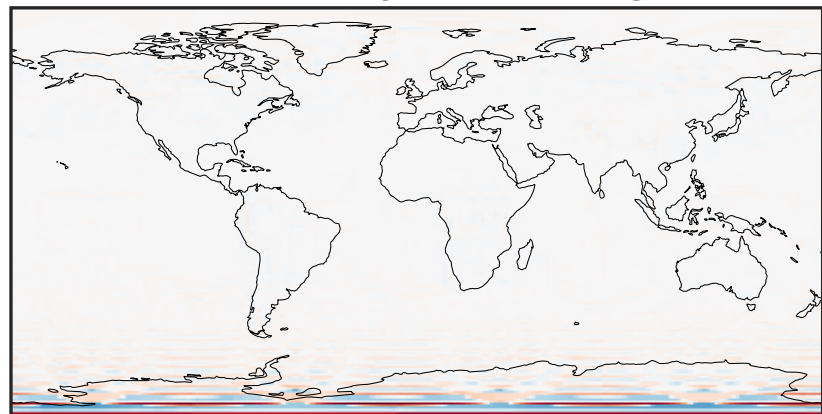
-0.0004 0.0000 0.0004  
s-1

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



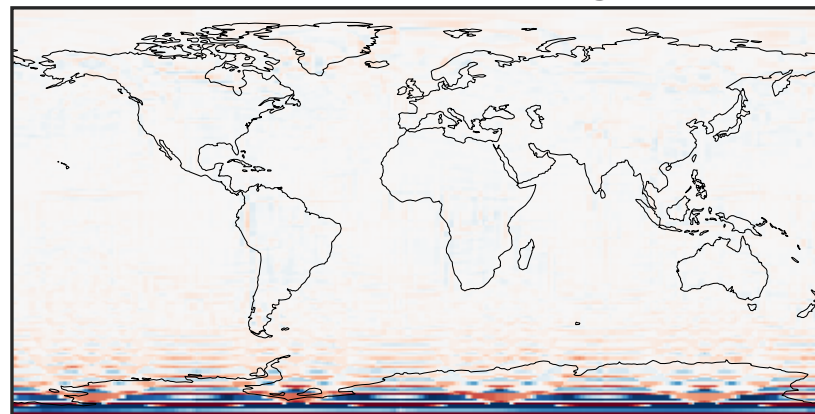
-8 0 8  
s-1 1e-5

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



0.144 0.572 1.000 3.960 6.921  
unitless

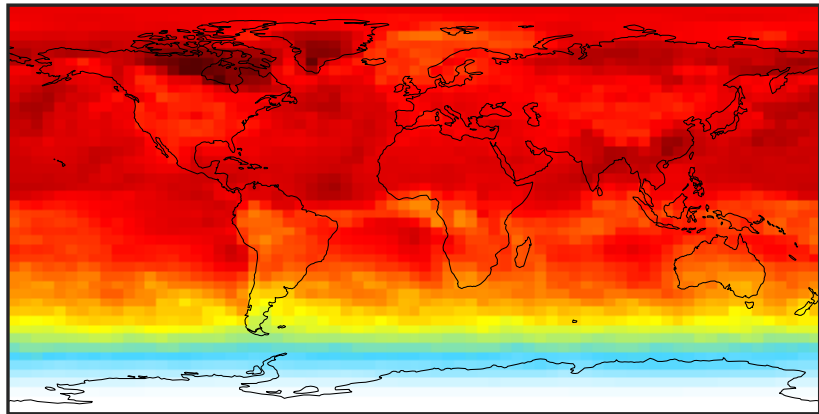
Ratio (1x1.25)  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

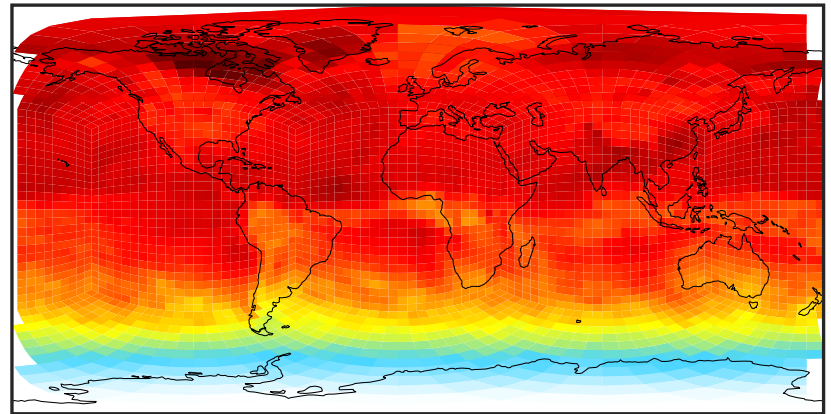
# Jval\_BrNO3 (Apr2019)

GCC\_14.2.0 (Ref)  
4.0x5.0



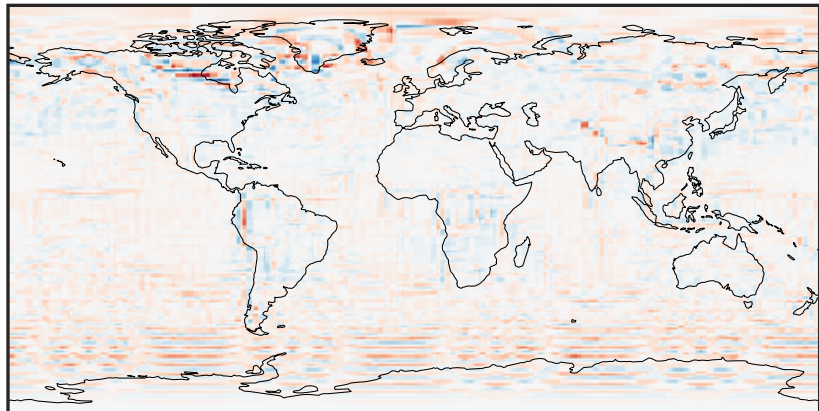
0.00025 0.00050 0.00075  
s-1

GCHP\_14.2.0 (Dev)  
c24



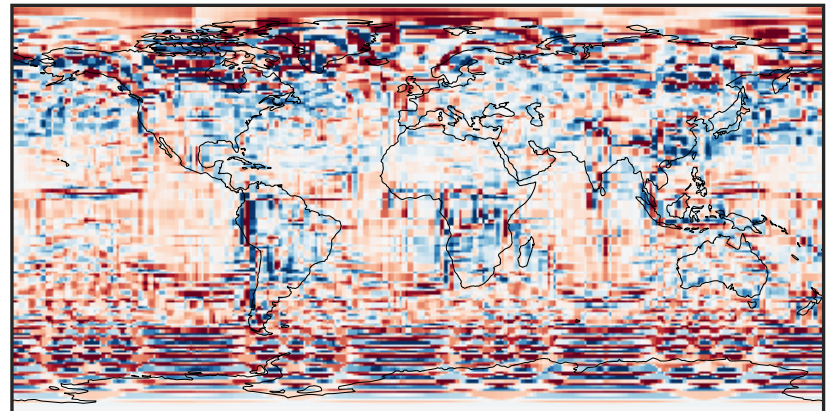
0.00025 0.00050 0.00075  
s-1

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



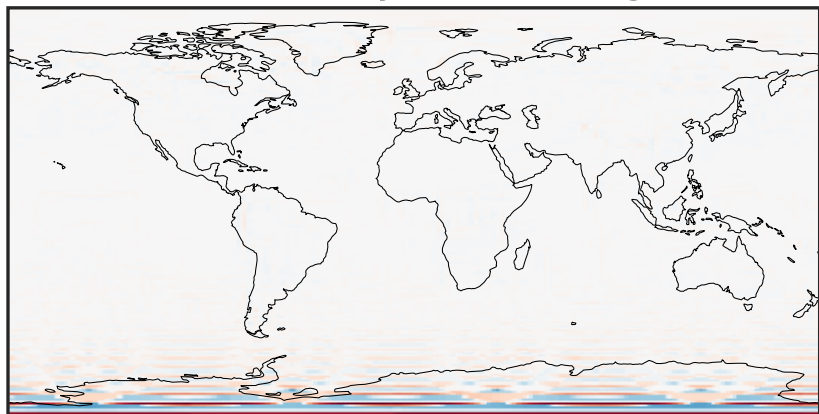
-8 0 8  
s-1 1e-5

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



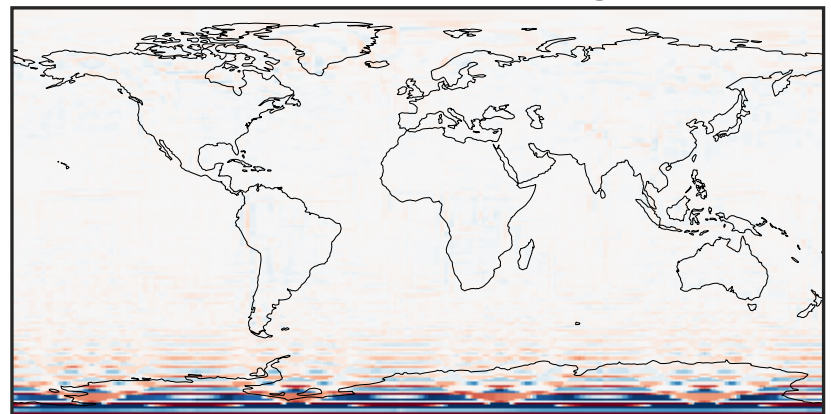
-1.5 0.0 1.5  
s-1 1e-5

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



0.177 0.589 1.000 3.325 5.649  
unitless

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

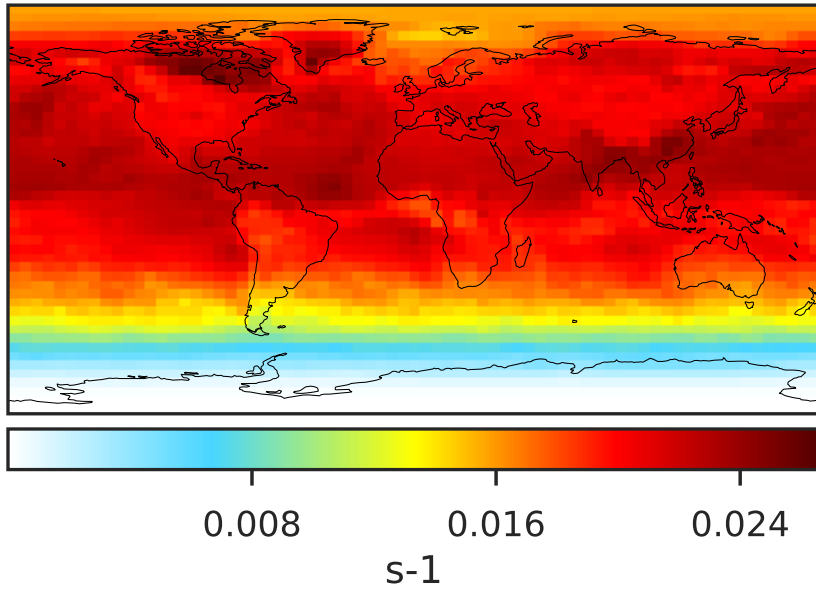


0.50 0.75 1.00 1.50 2.00  
unitless

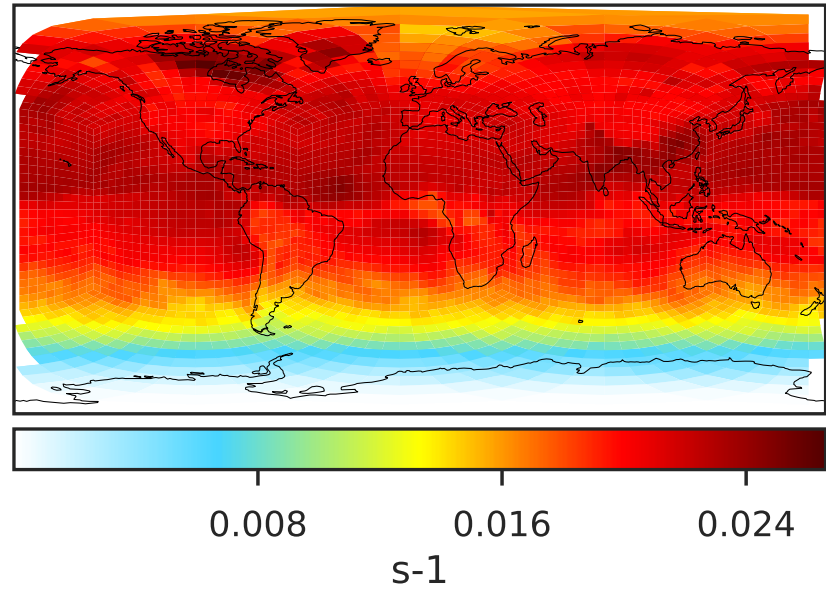


# Jval\_BrO (Apr2019)

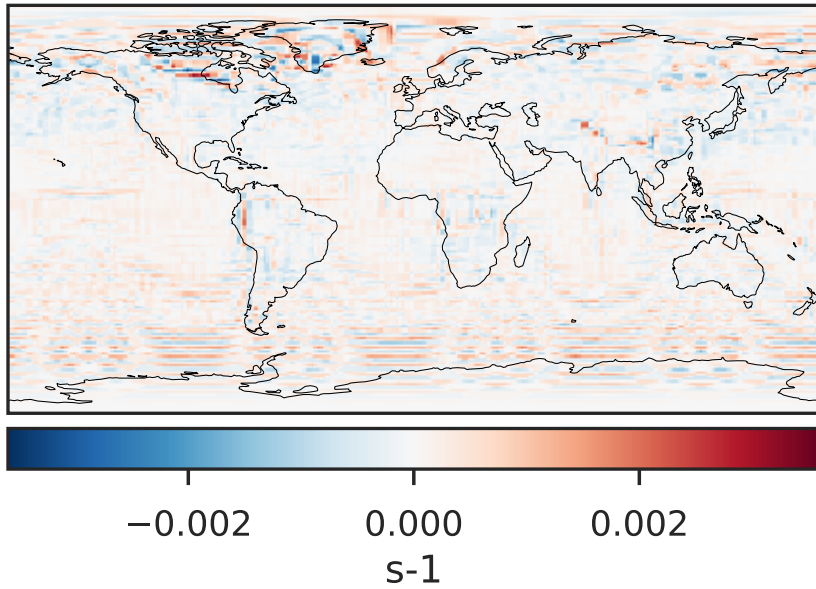
GCC\_14.2.0 (Ref)  
4.0x5.0



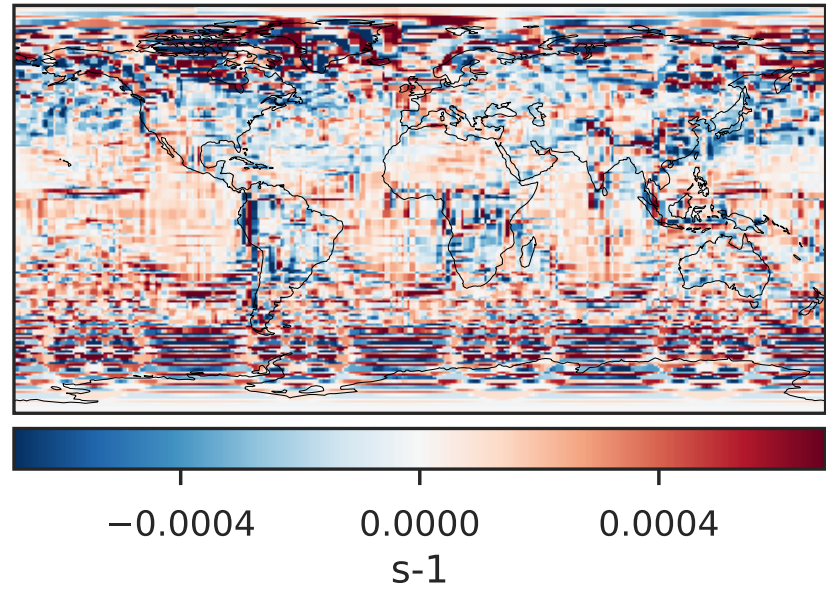
GCHP\_14.2.0 (Dev)  
c24



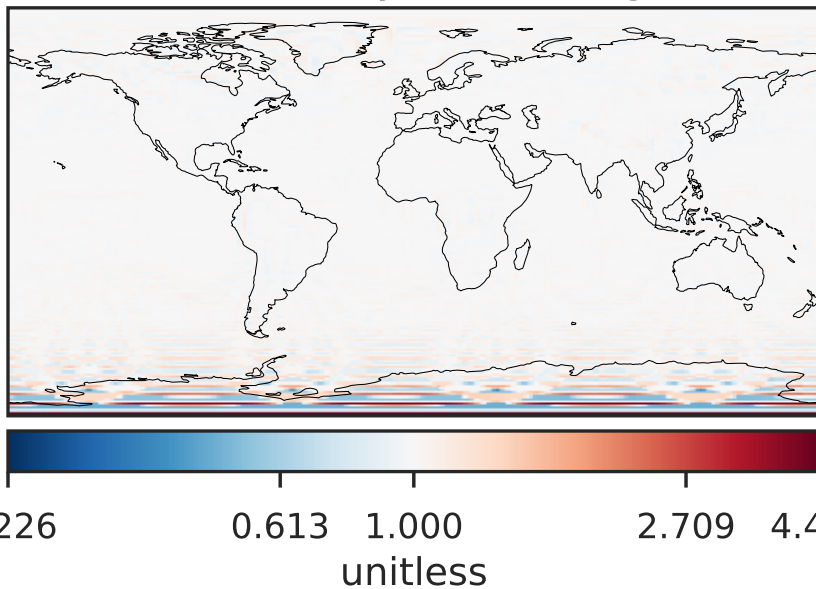
Difference (1x1.25)  
Dev - Ref, Dynamic Range



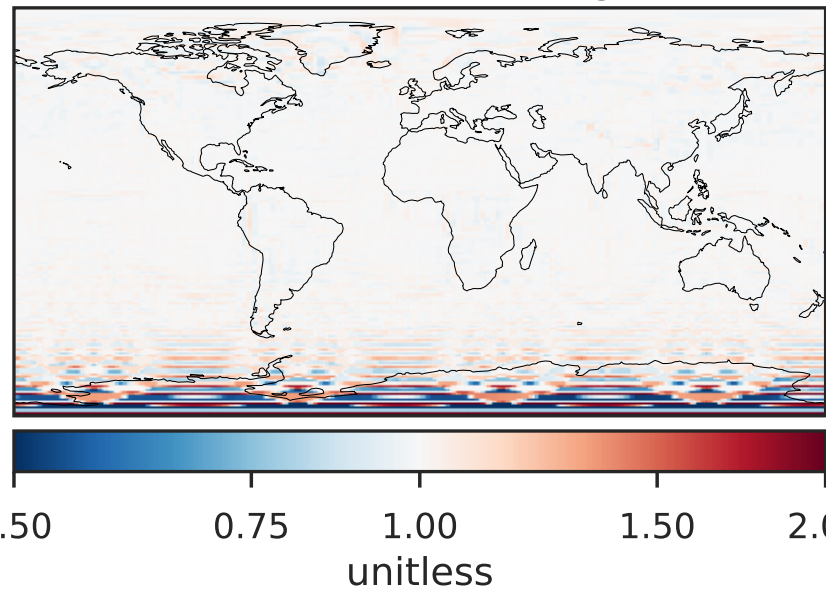
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

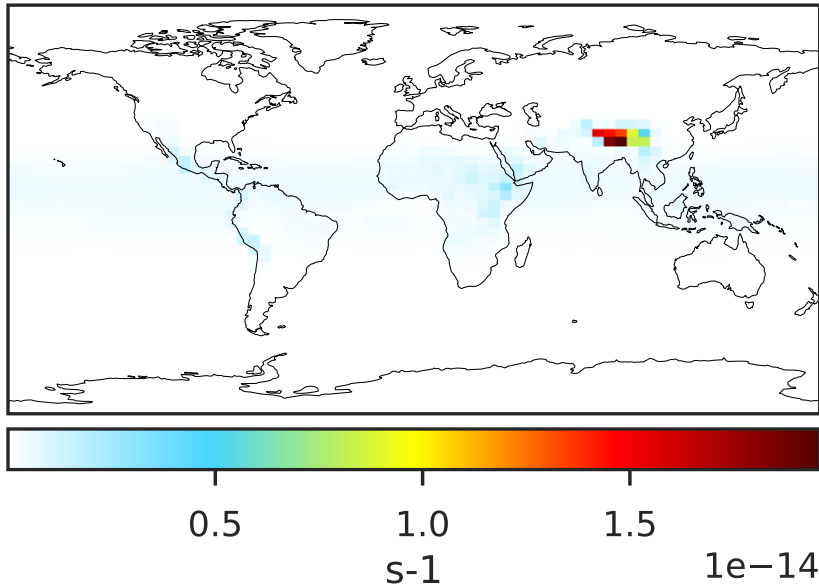


Ratio (1x1.25)  
Dev/Ref, Fixed Range

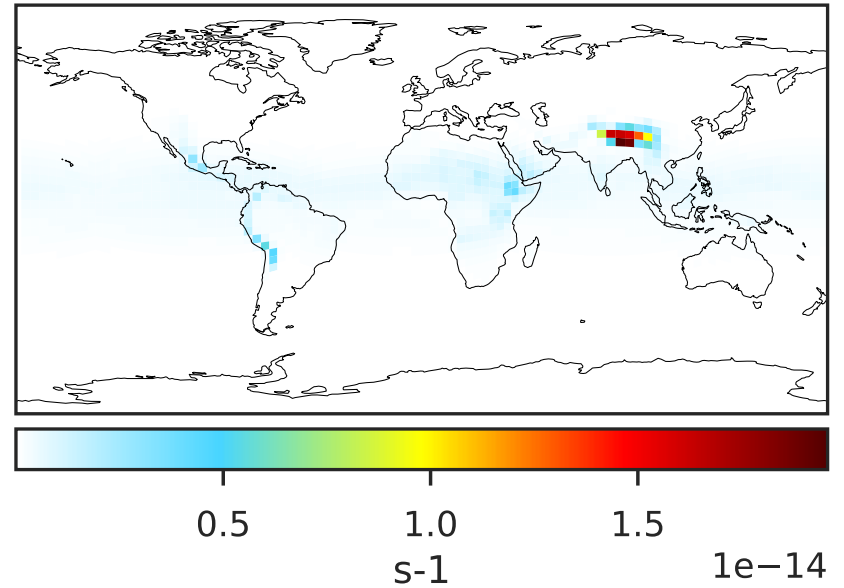


# Jval\_CCI4 (Apr2019)

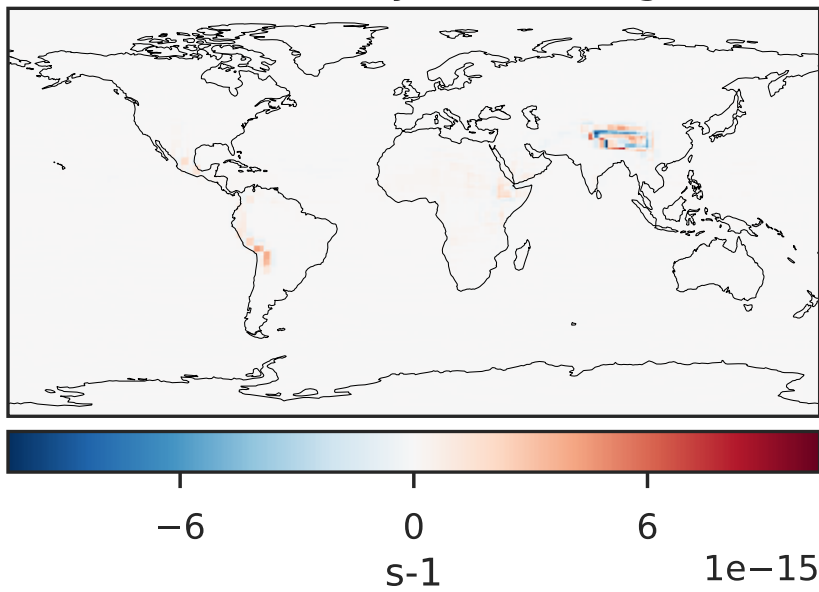
GCC\_14.2.0 (Ref)  
4.0x5.0



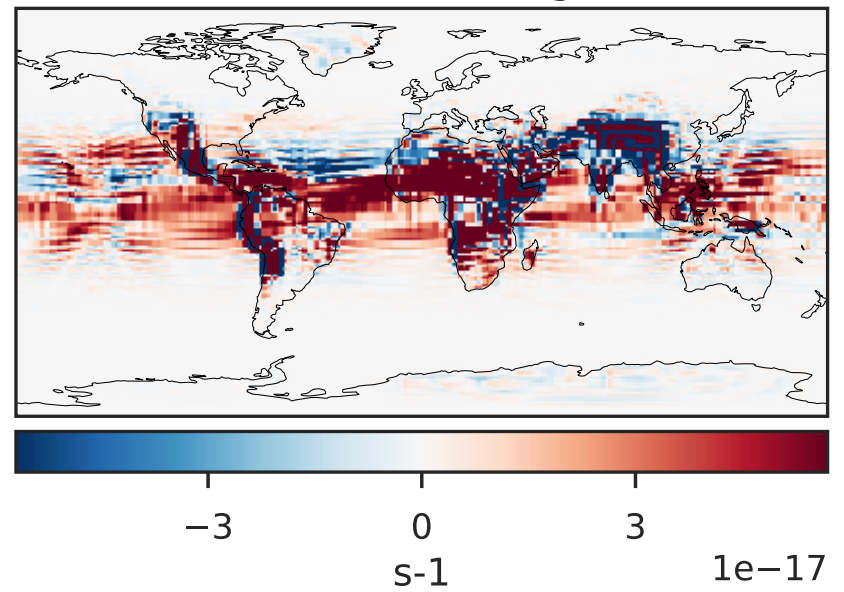
GCHP\_14.2.0 (Dev)  
c24



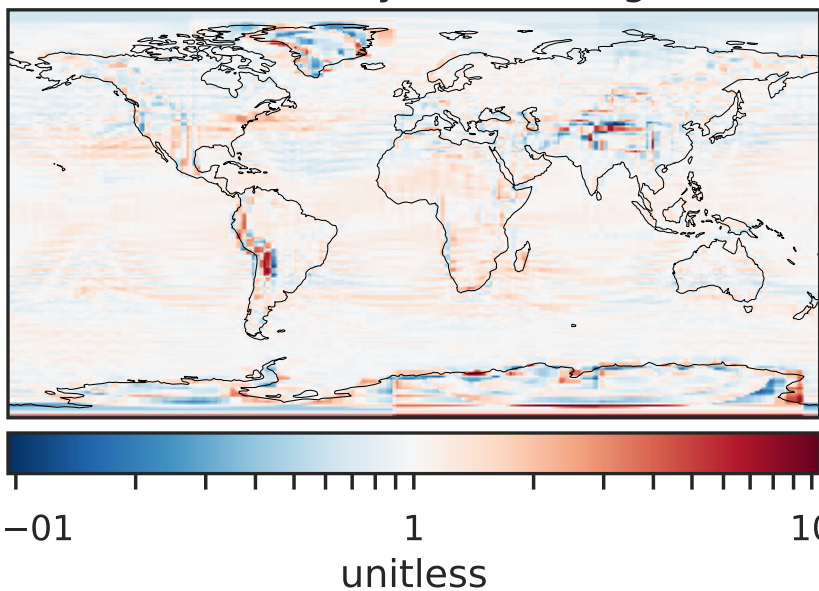
Difference (1x1.25)  
Dev - Ref, Dynamic Range



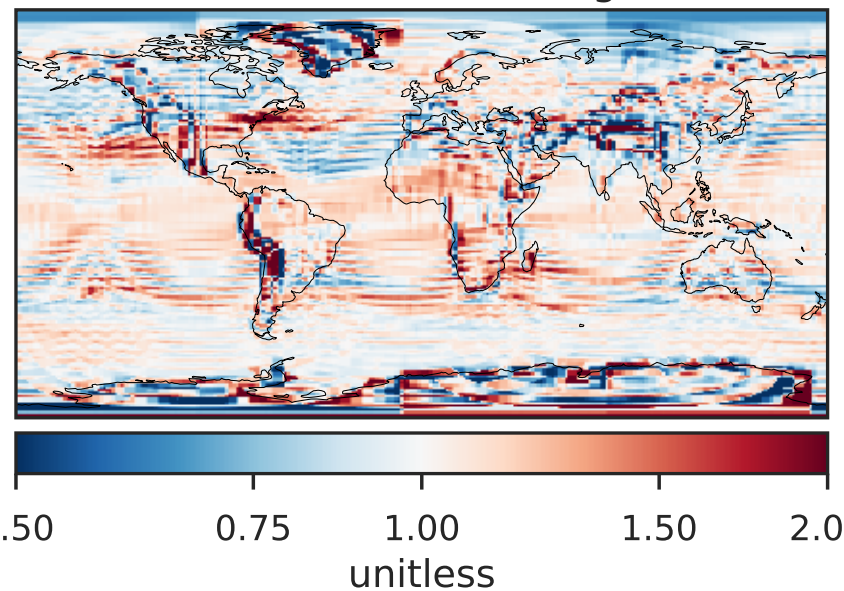
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



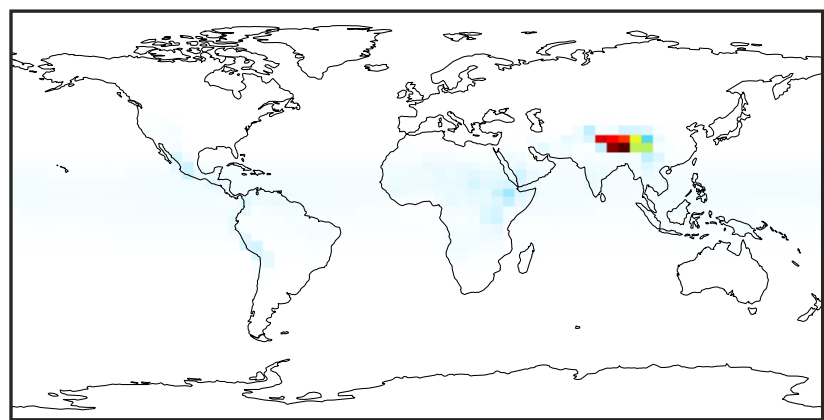
Ratio (1x1.25)  
Dev/Ref, Fixed Range





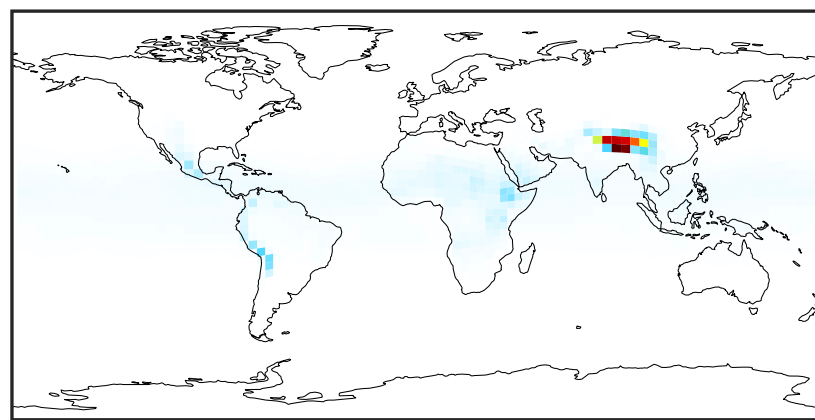
# Jval\_CFC11 (Apr2019)

GCC\_14.2.0 (Ref)  
4.0x5.0



2.5 5.0 7.5  
s-1  $1e-15$

GCHP\_14.2.0 (Dev)  
c24



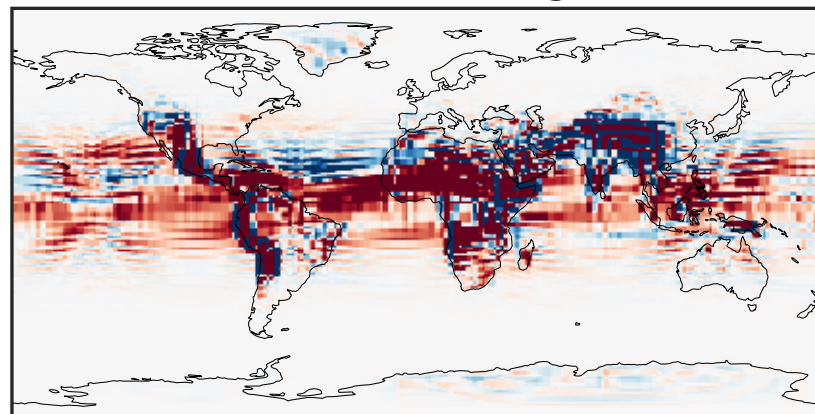
2.5 5.0 7.5  
s-1  $1e-15$

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



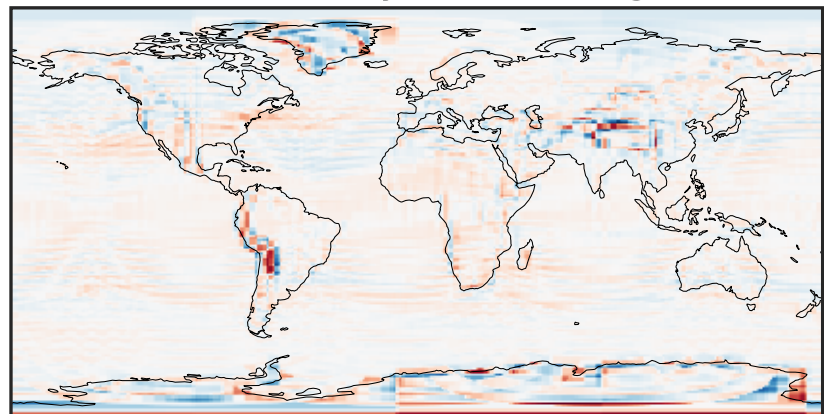
-2.5 0.0 2.5  
s-1  $1e-15$

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



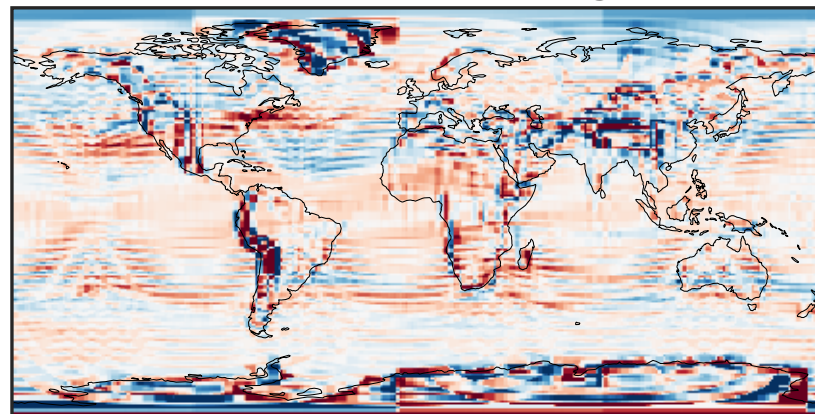
-1 0 1  
s-1  $1e-17$

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



$1e-01$  1 10  
unitless

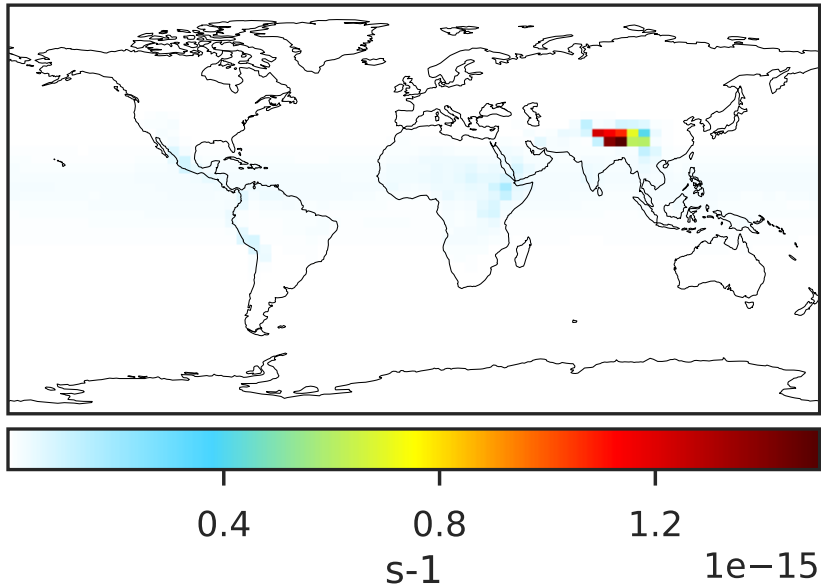
Ratio (1x1.25)  
Dev/Ref, Fixed Range



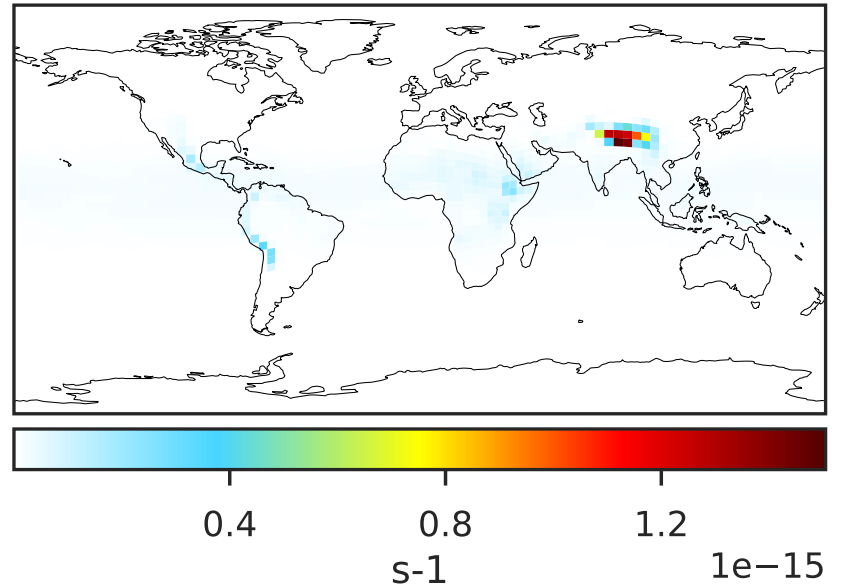
0.50 0.75 1.00 1.50 2.00  
unitless

# Jval\_CFC113 (Apr2019)

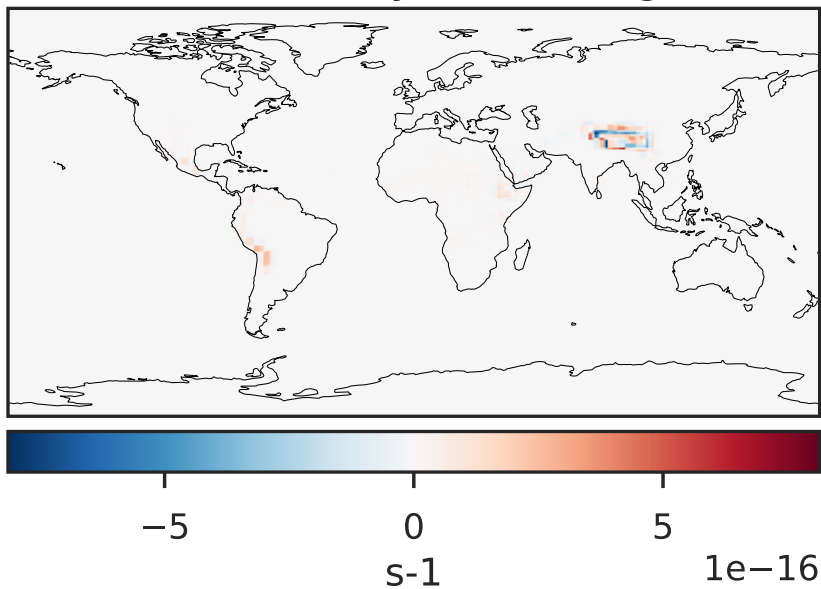
GCC\_14.2.0 (Ref)  
4.0x5.0



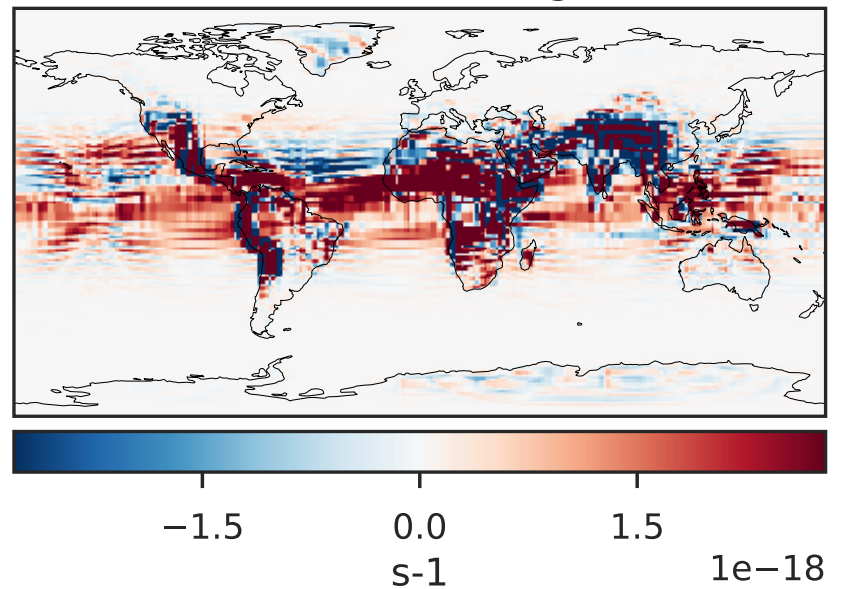
GCHP\_14.2.0 (Dev)  
c24



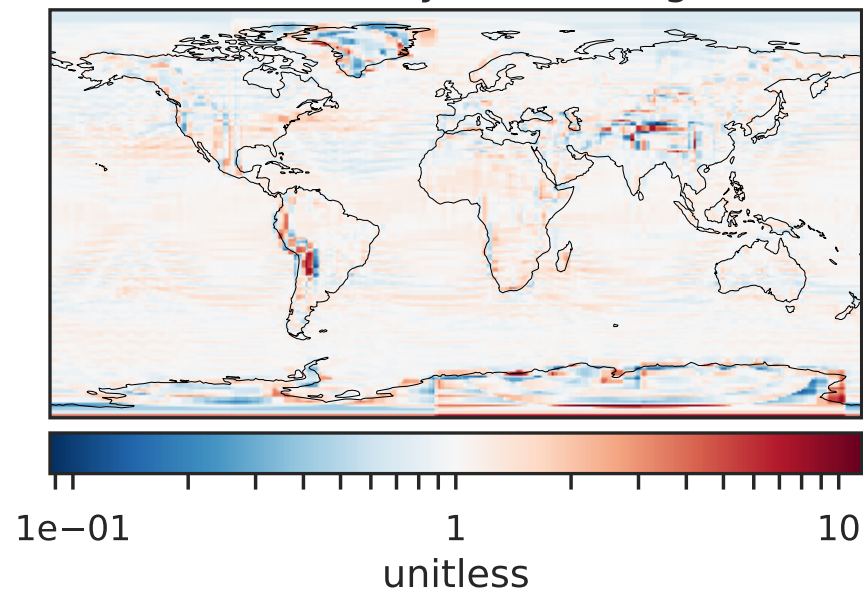
Difference (1x1.25)  
Dev - Ref, Dynamic Range



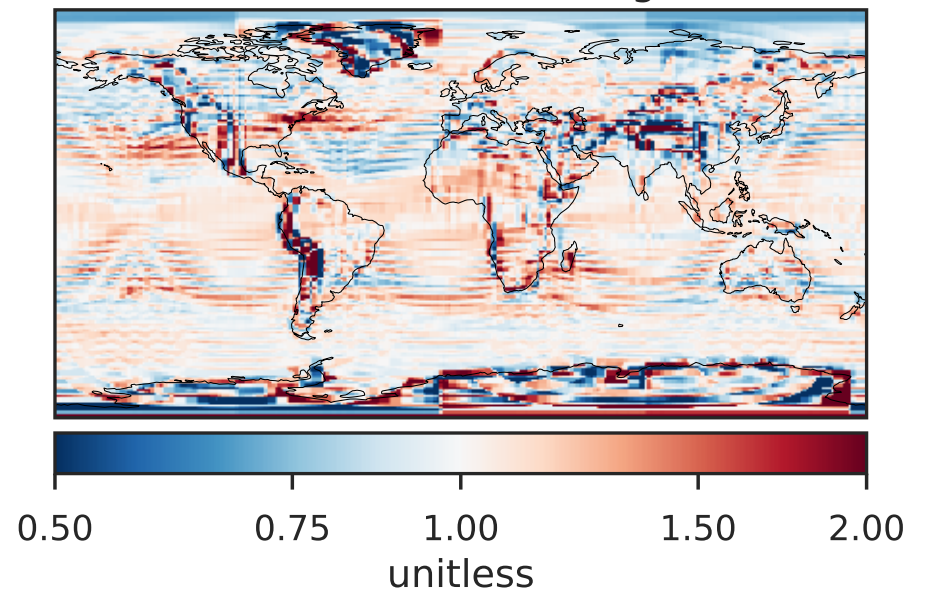
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



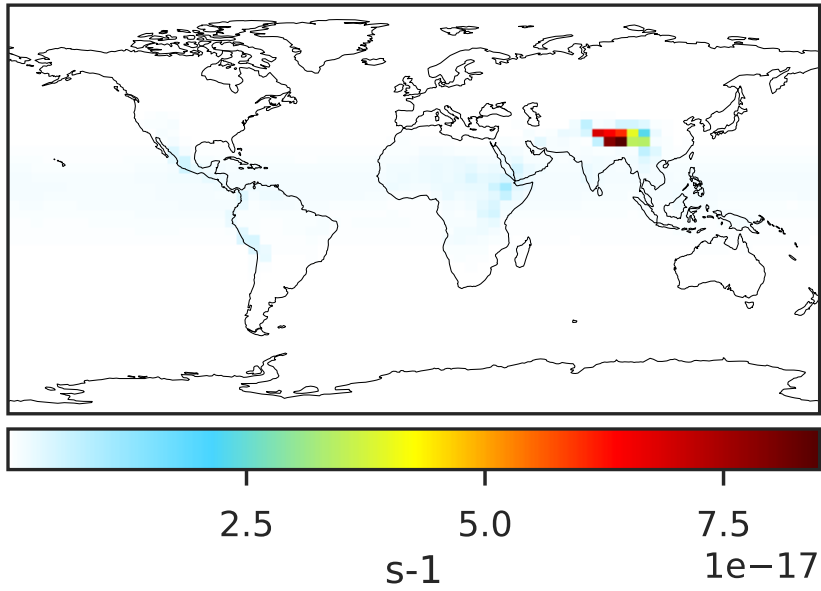
Ratio (1x1.25)  
Dev/Ref, Fixed Range



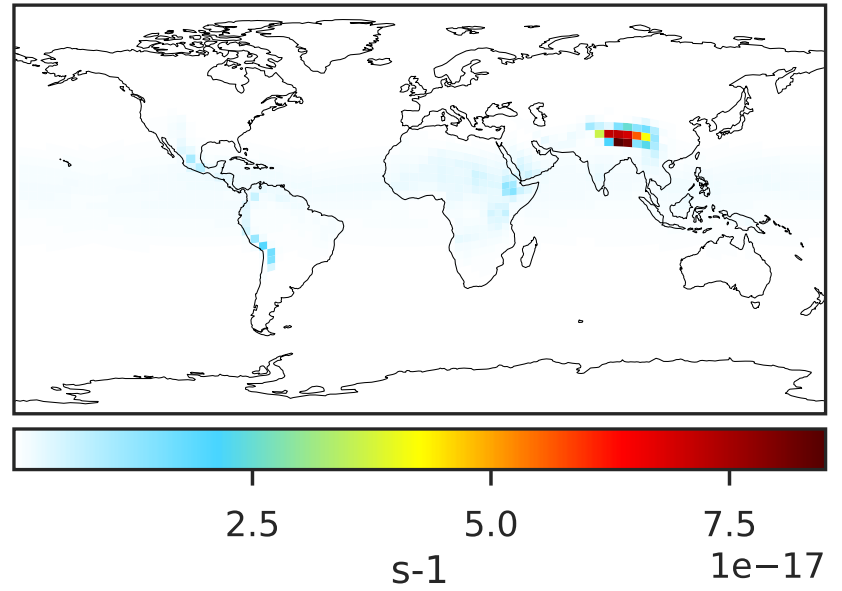


# Jval\_CFC114 (Apr2019)

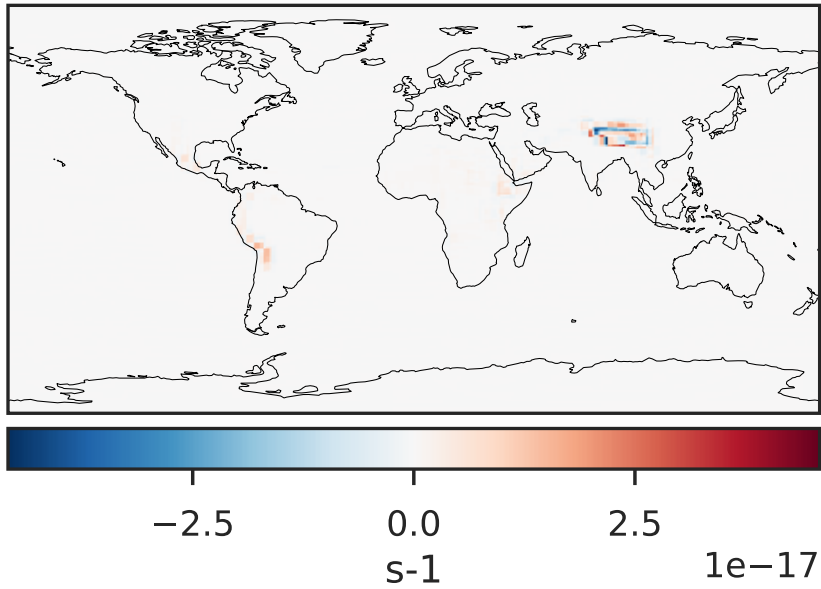
GCC\_14.2.0 (Ref)  
4.0x5.0



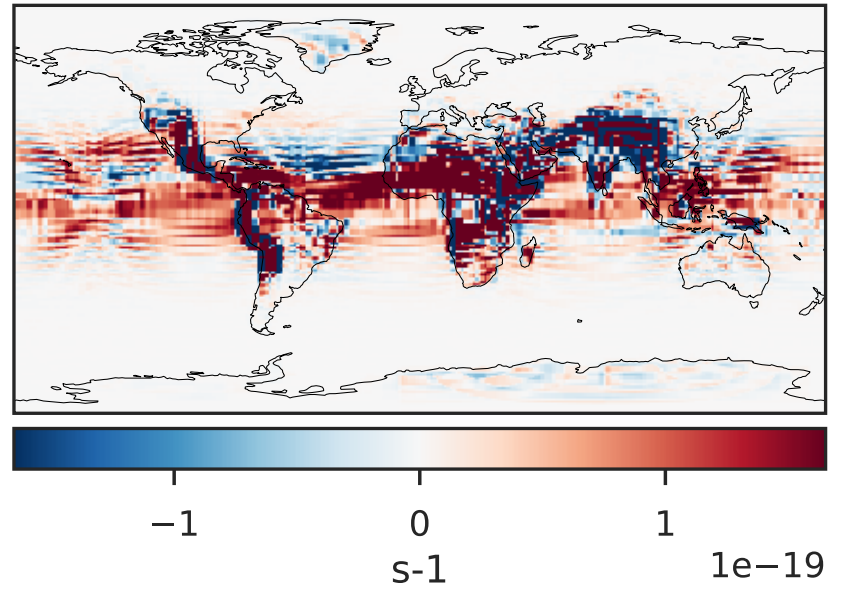
GCHP\_14.2.0 (Dev)  
c24



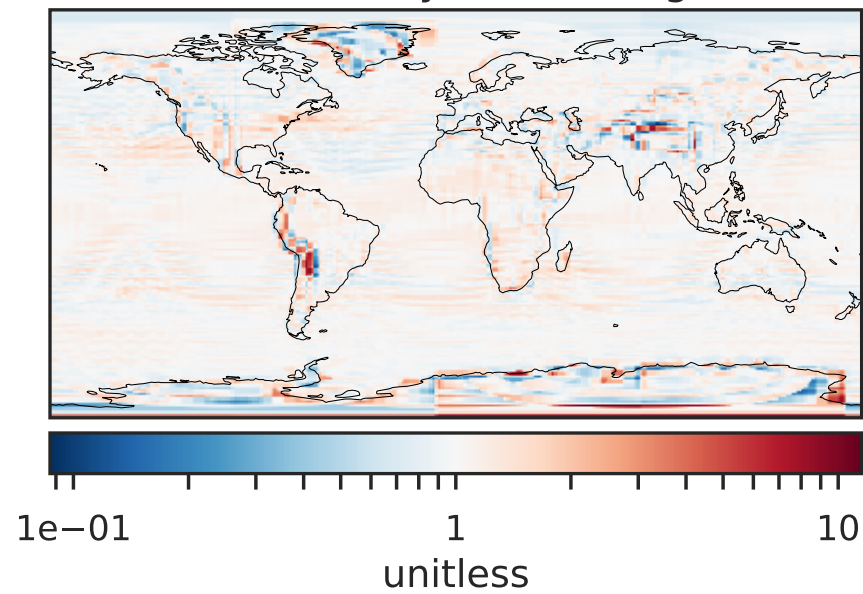
Difference (1x1.25)  
Dev - Ref, Dynamic Range



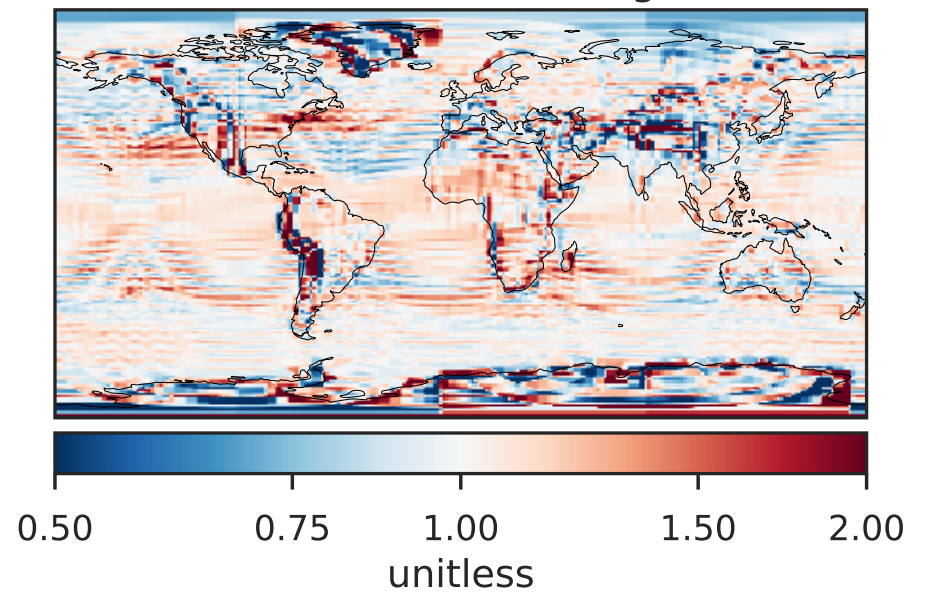
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

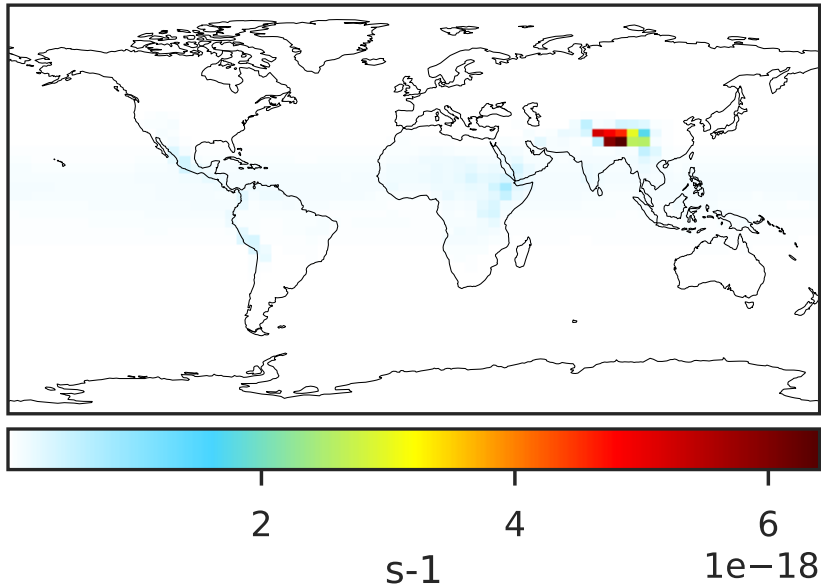


Ratio (1x1.25)  
Dev/Ref, Fixed Range

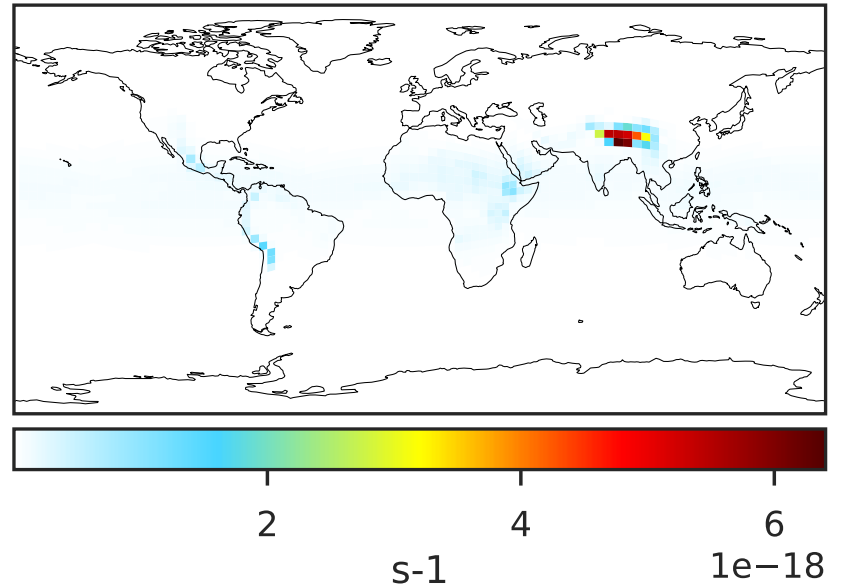


# Jval\_CFC115 (Apr2019)

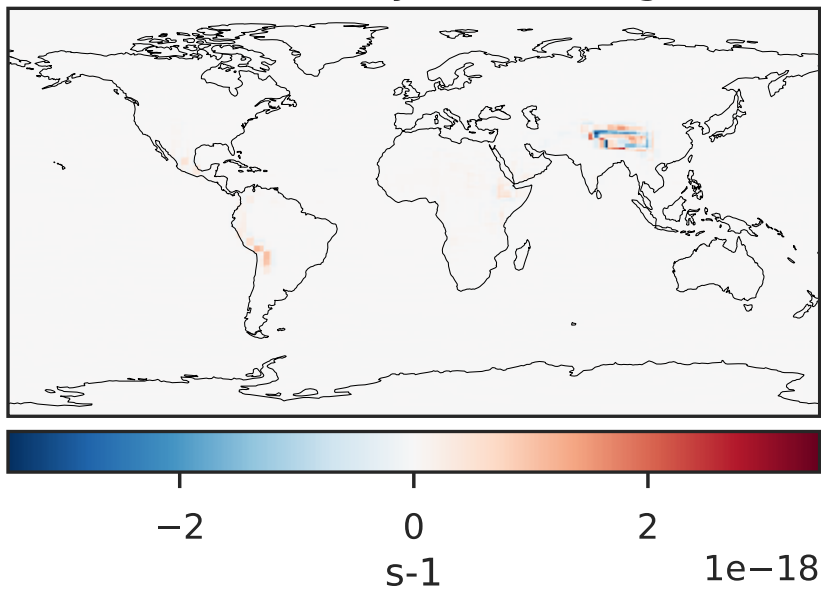
GCC\_14.2.0 (Ref)  
4.0x5.0



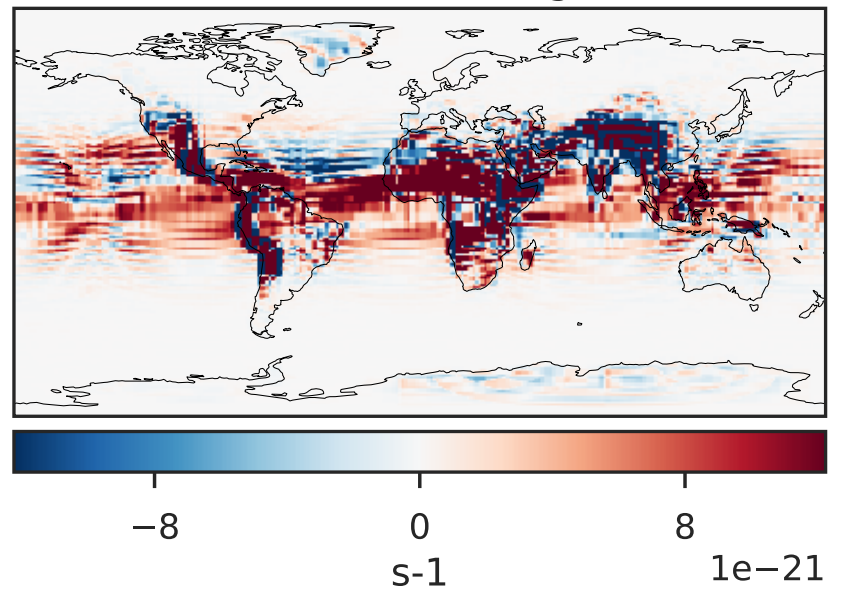
GCHP\_14.2.0 (Dev)  
c24



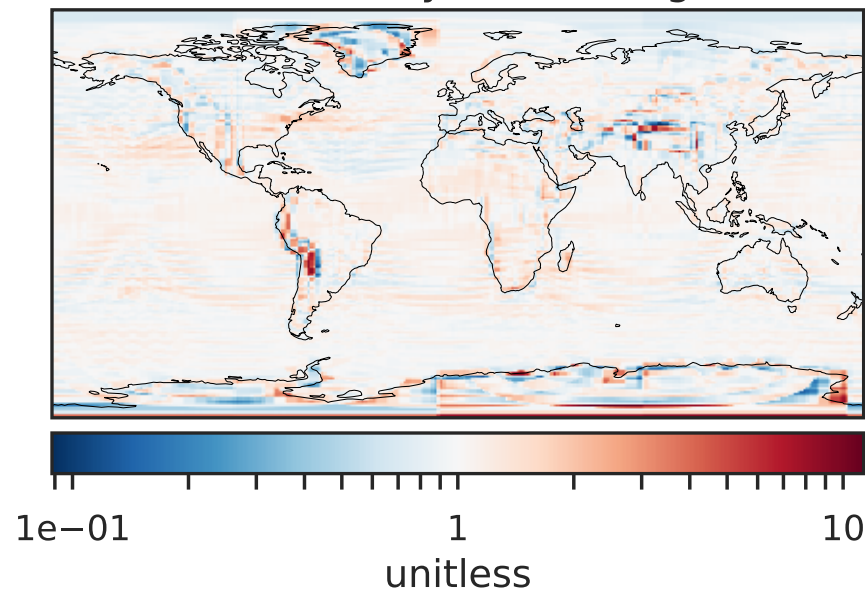
Difference (1x1.25)  
Dev - Ref, Dynamic Range



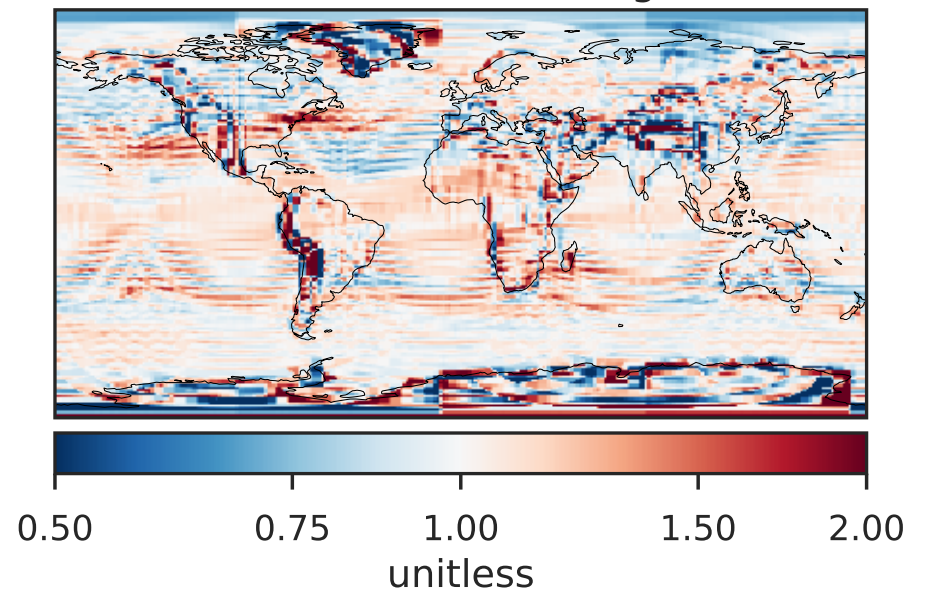
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



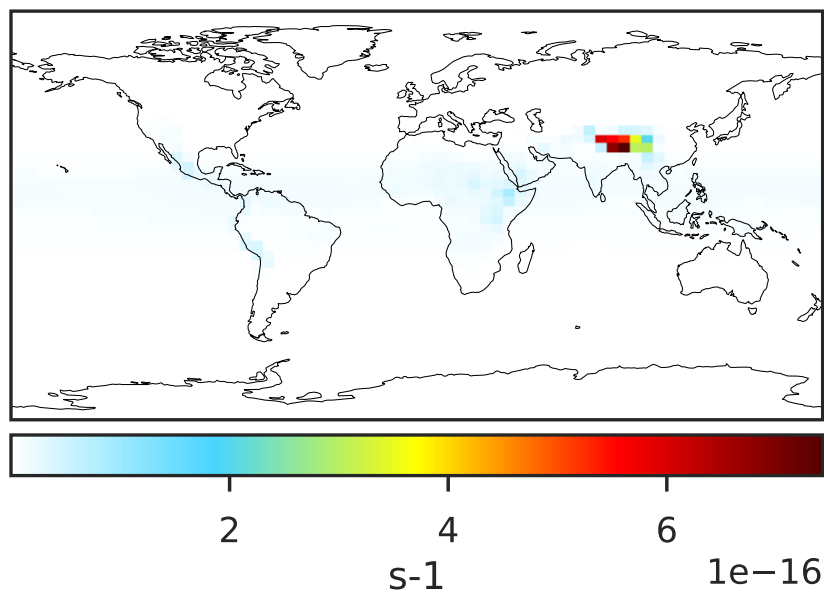
Ratio (1x1.25)  
Dev/Ref, Fixed Range



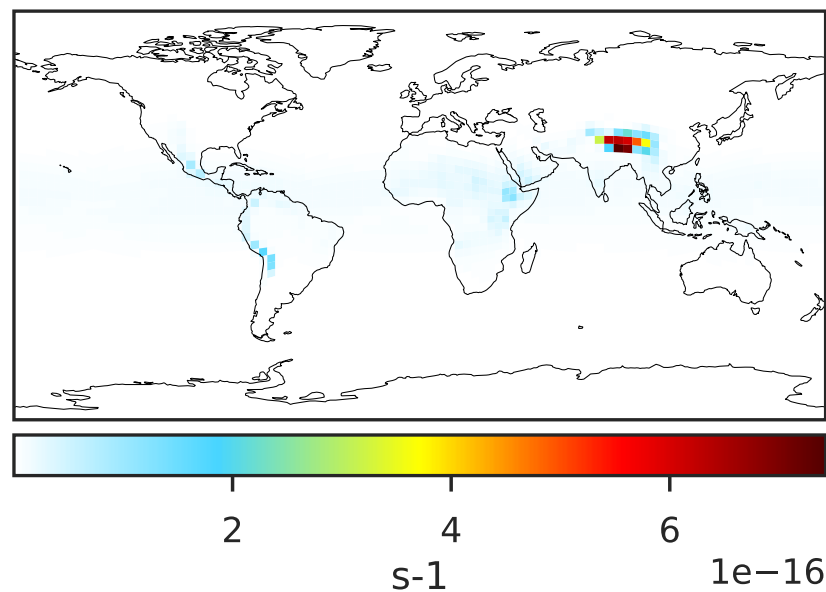


# Jval\_CFC12 (Apr2019)

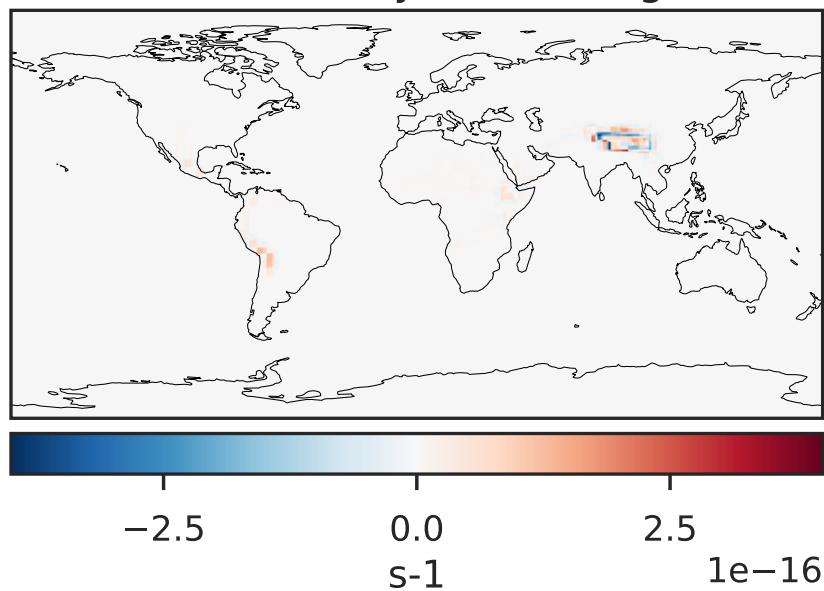
GCC\_14.2.0 (Ref)  
4.0x5.0



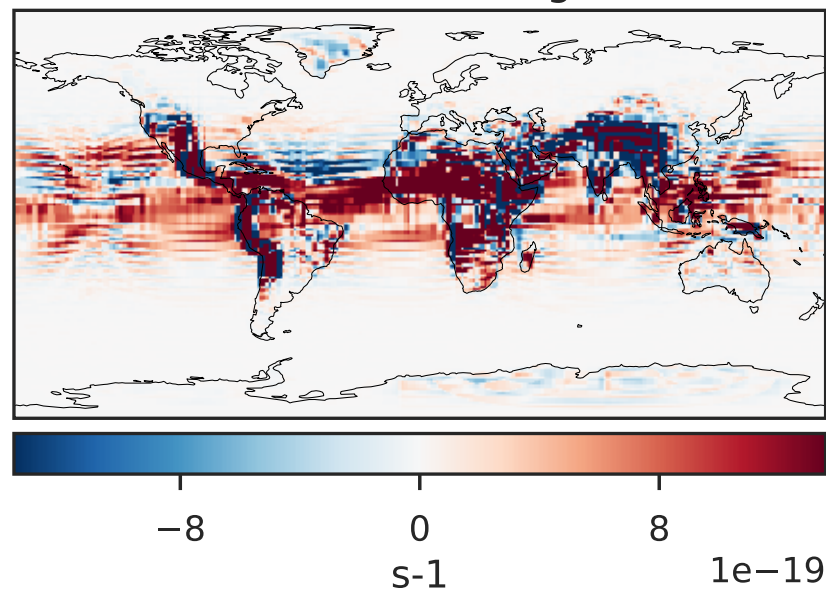
GCHP\_14.2.0 (Dev)  
c24



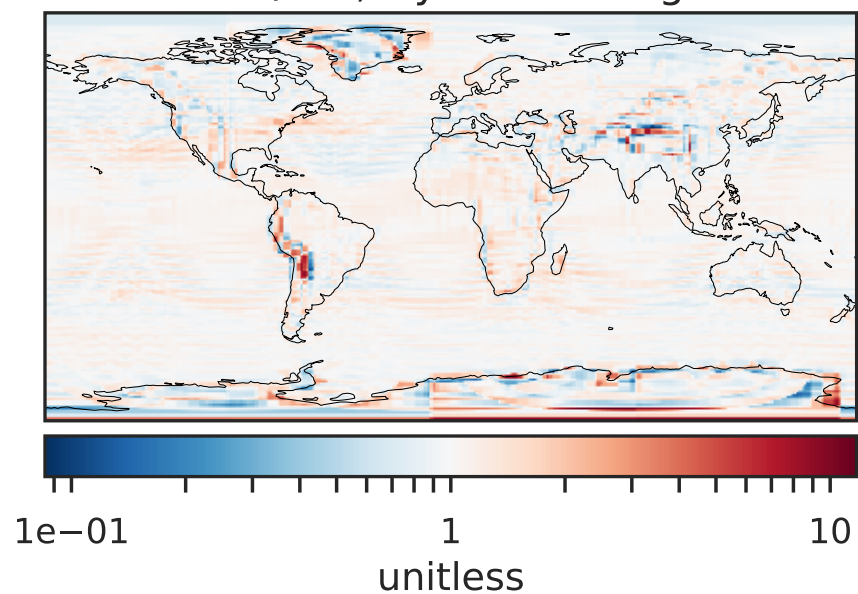
Difference (1x1.25)  
Dev - Ref, Dynamic Range



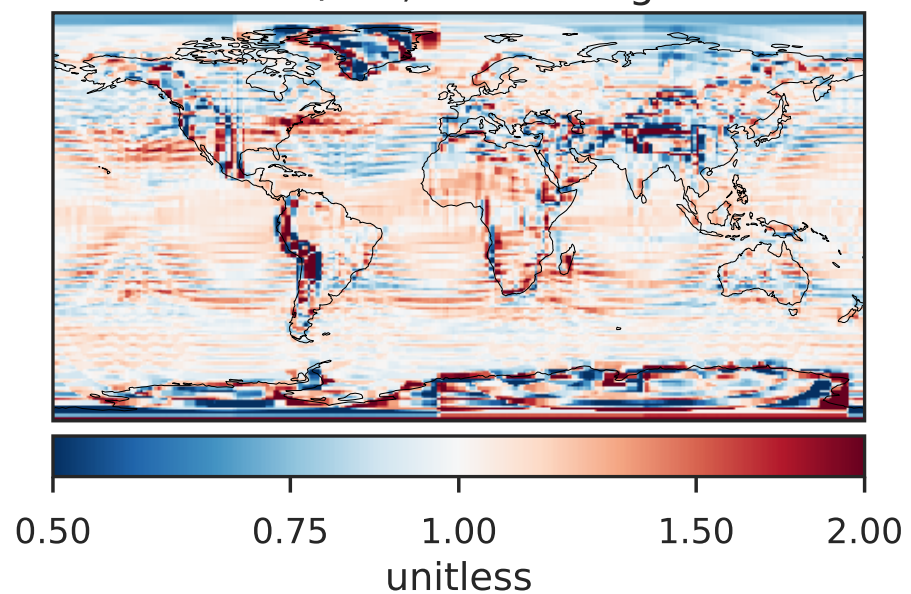
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

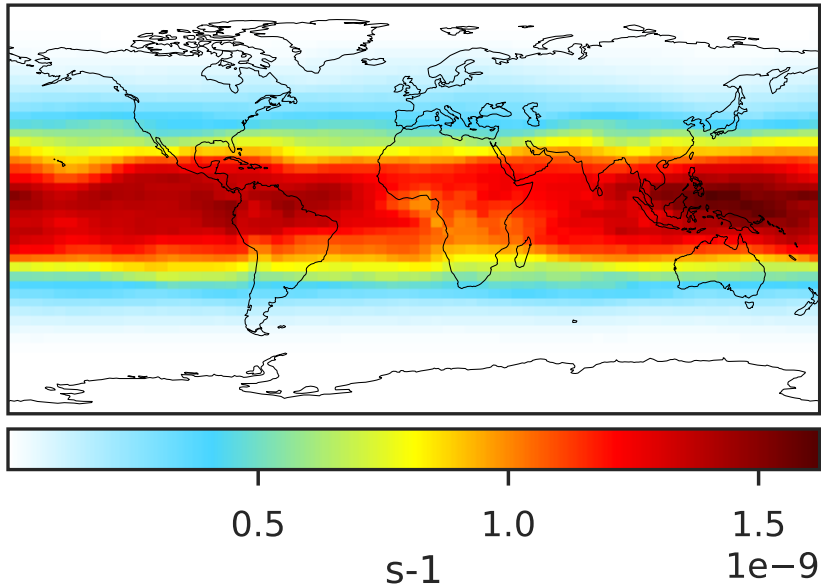


Ratio (1x1.25)  
Dev/Ref, Fixed Range

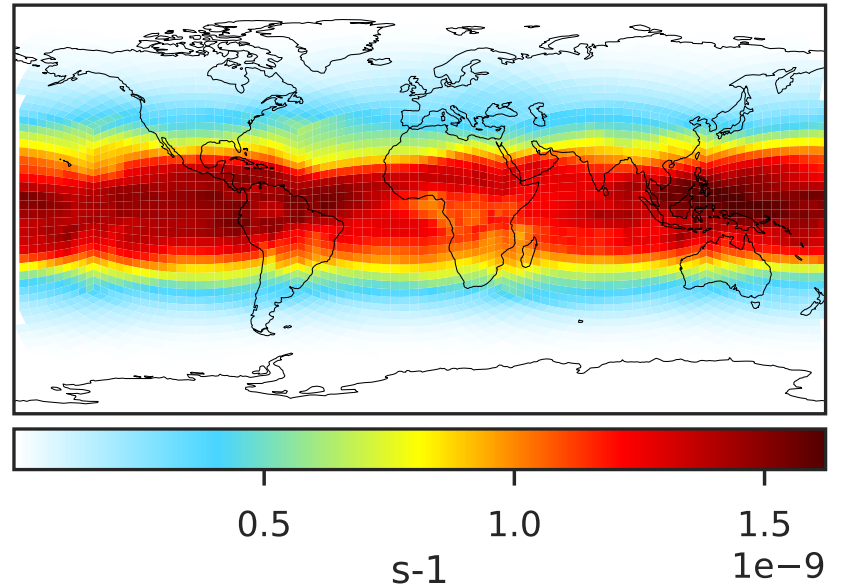


# Jval\_CH2Br2 (Apr2019)

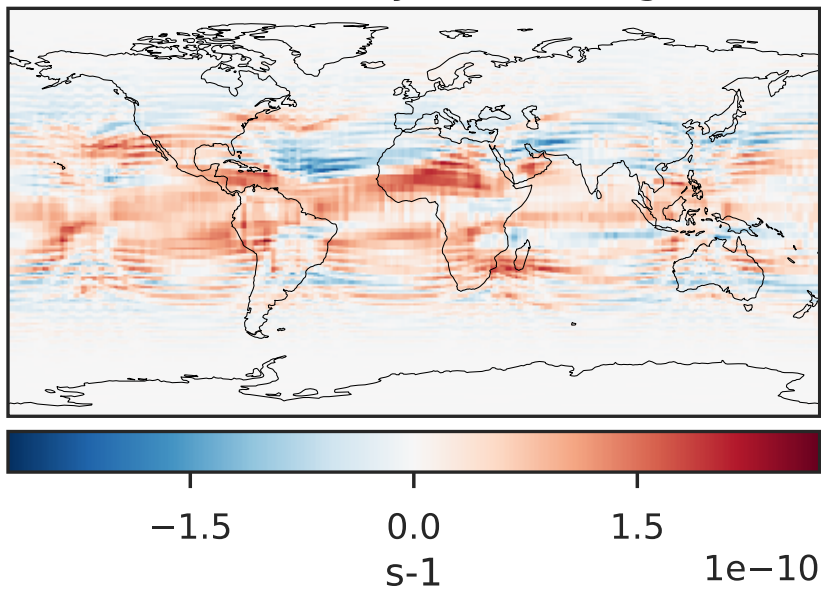
GCC\_14.2.0 (Ref)  
4.0x5.0



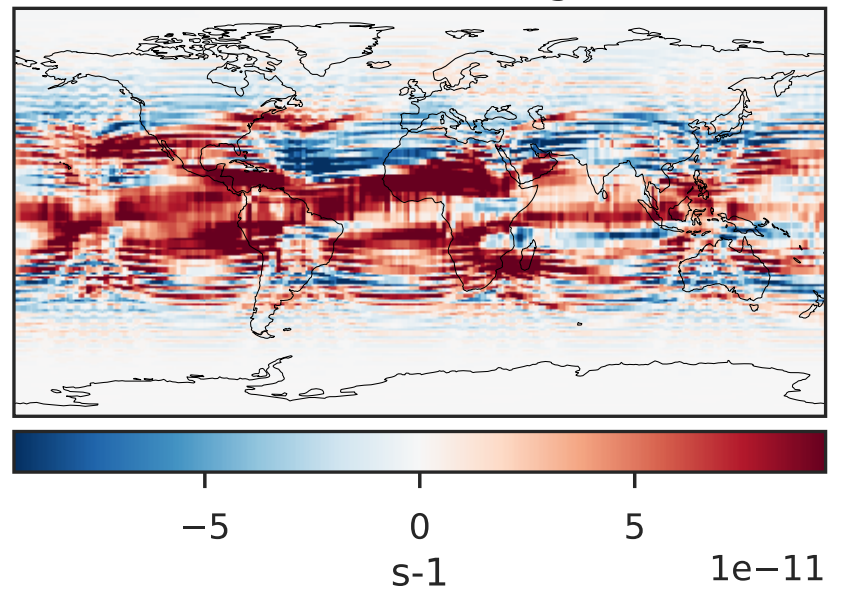
GCHP\_14.2.0 (Dev)  
c24



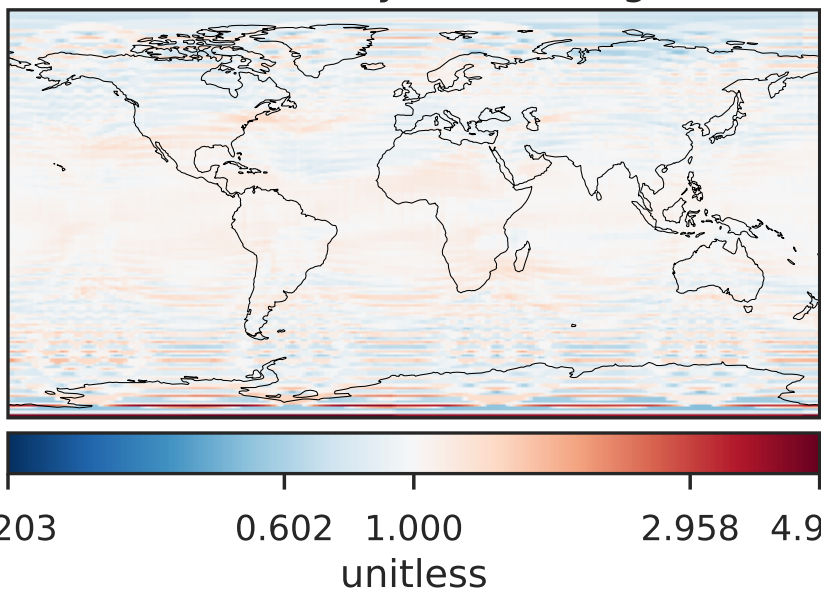
Difference (1x1.25)  
Dev - Ref, Dynamic Range



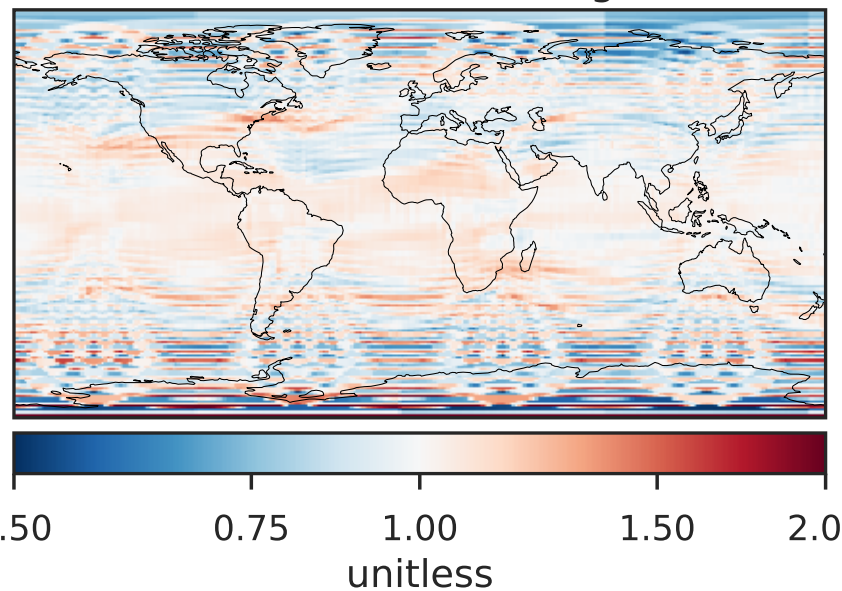
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



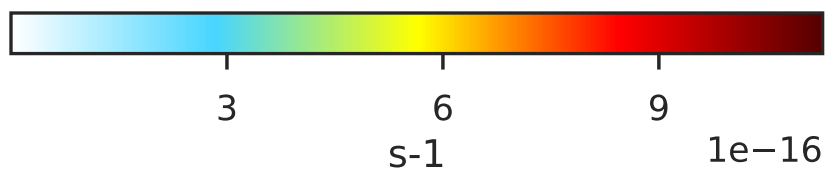
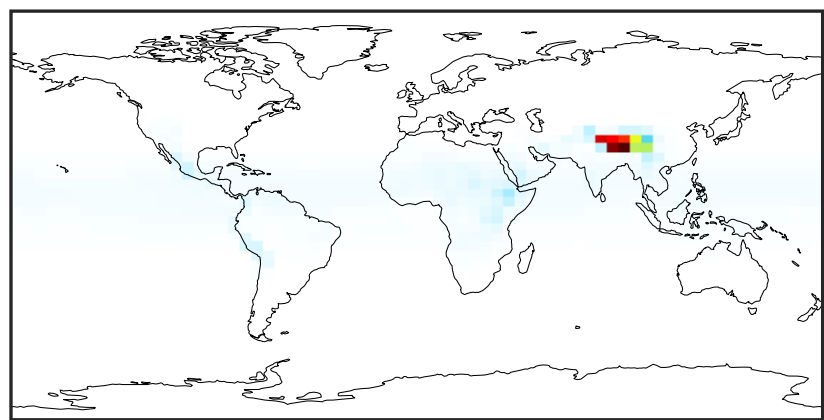
Ratio (1x1.25)  
Dev/Ref, Fixed Range



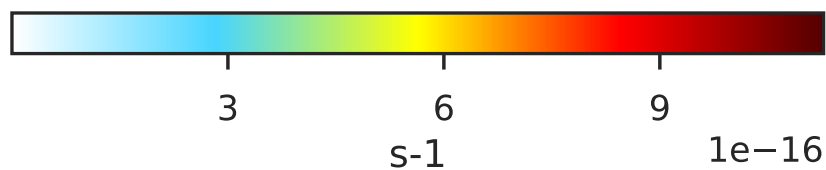
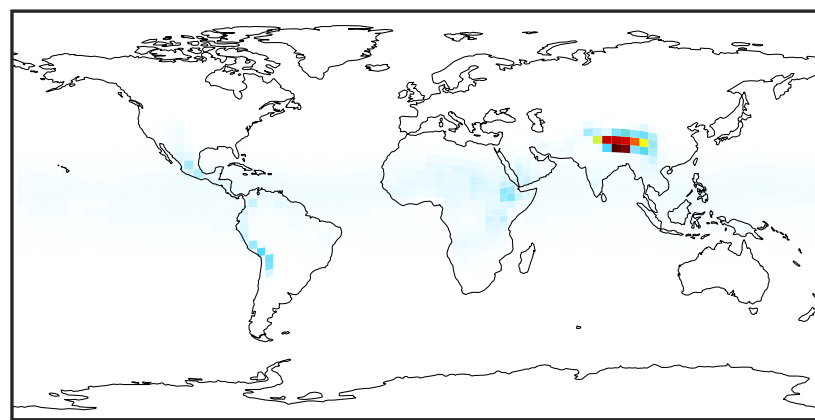


# Jval\_CH2Cl2 (Apr2019)

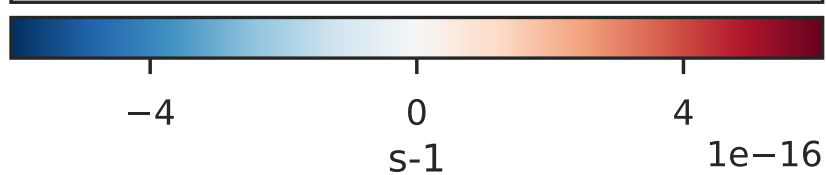
GCC\_14.2.0 (Ref)  
4.0x5.0



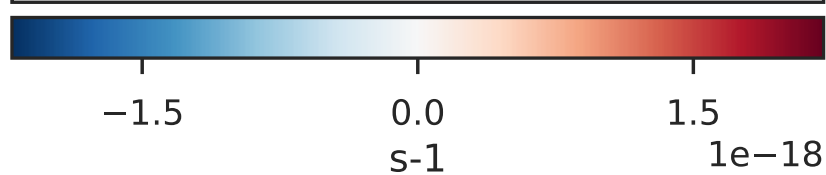
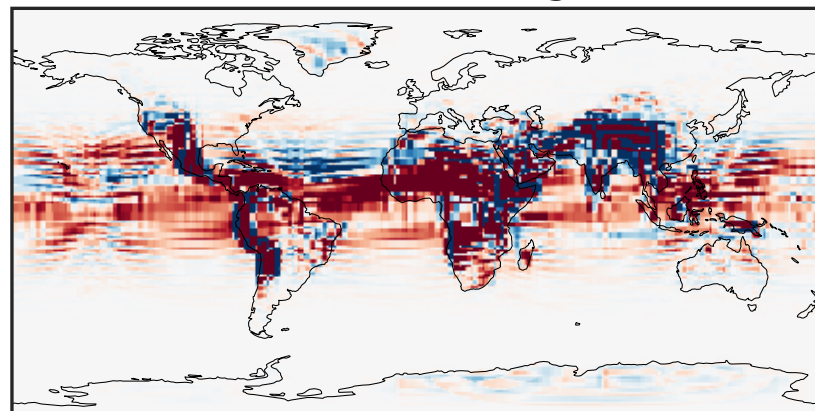
GCHP\_14.2.0 (Dev)  
c24



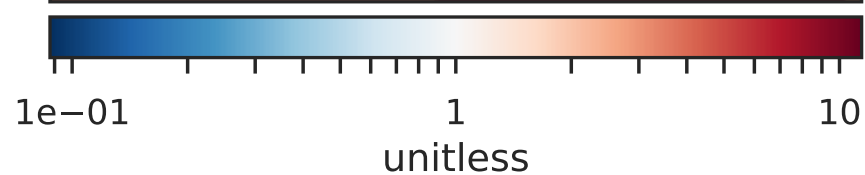
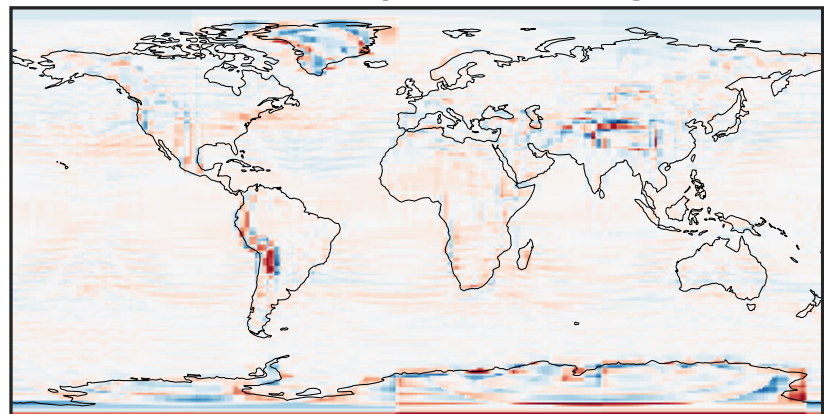
Difference (1x1.25)  
Dev - Ref, Dynamic Range



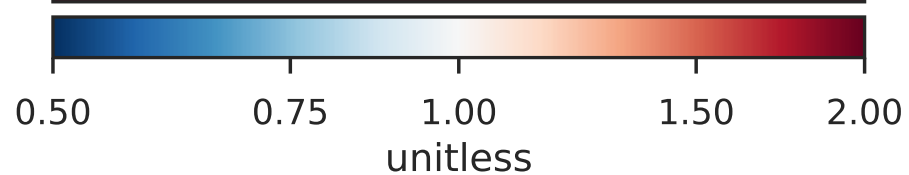
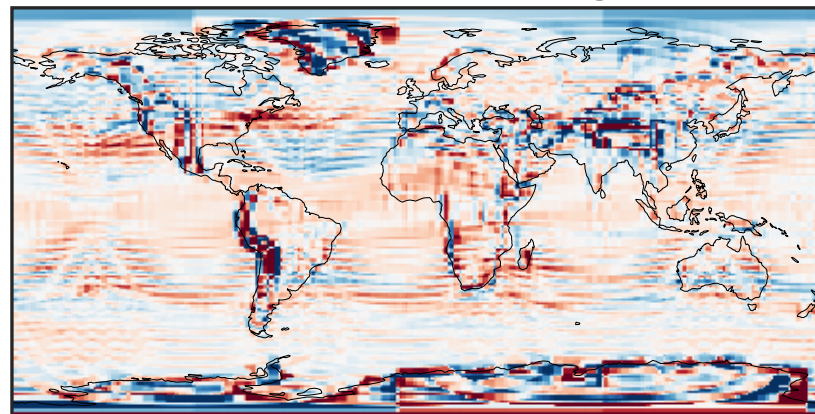
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

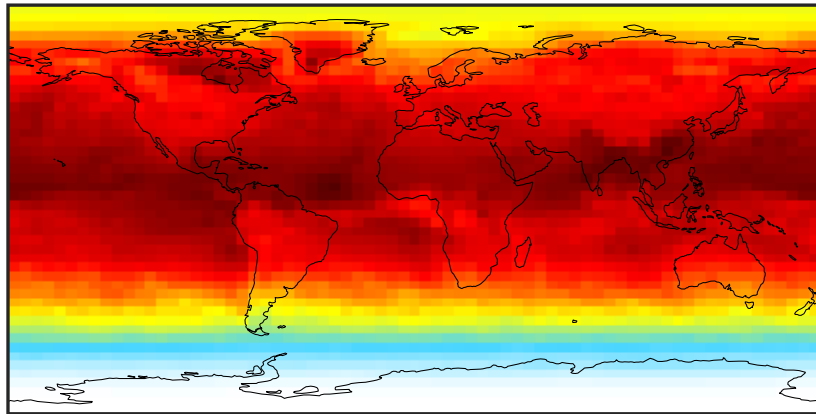


Ratio (1x1.25)  
Dev/Ref, Fixed Range



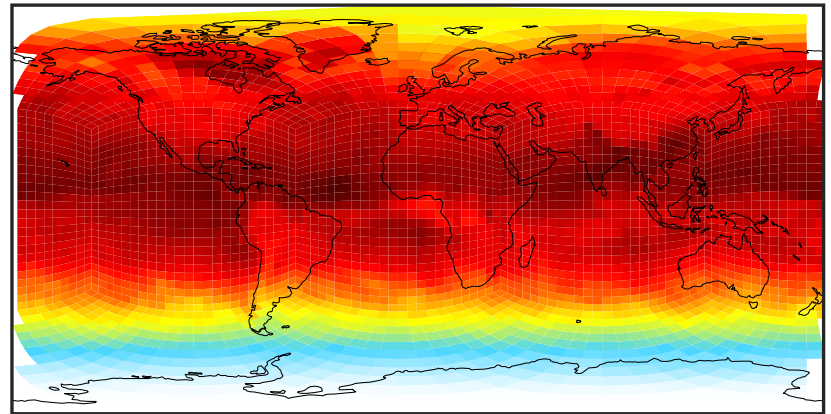
# Jval\_CH2I2 (Apr2019)

GCC\_14.2.0 (Ref)  
4.0x5.0



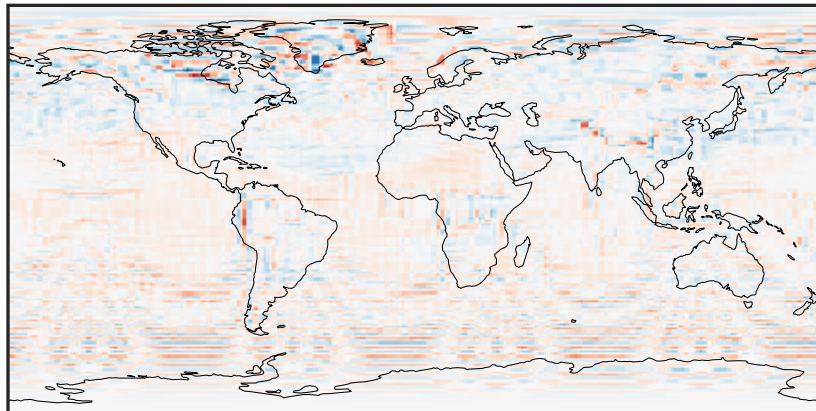
0.0015 0.0030 0.0045  
s-1

GCHP\_14.2.0 (Dev)  
c24



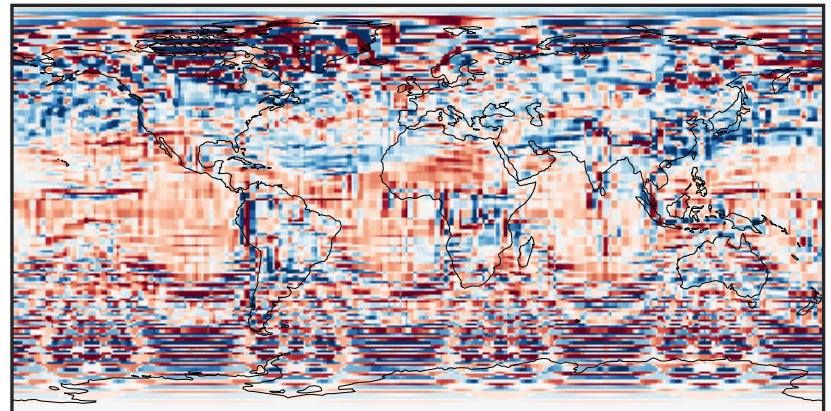
0.0015 0.0030 0.0045  
s-1

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



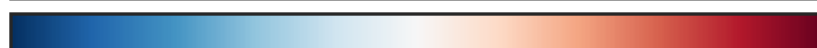
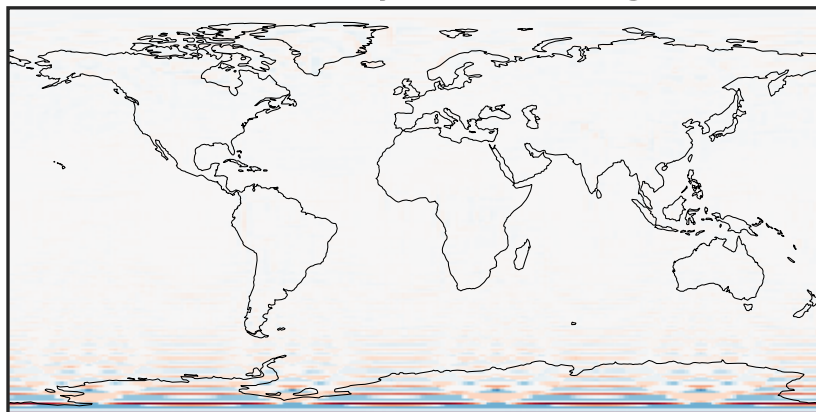
-0.0004 0.0000 0.0004  
s-1

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



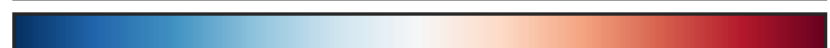
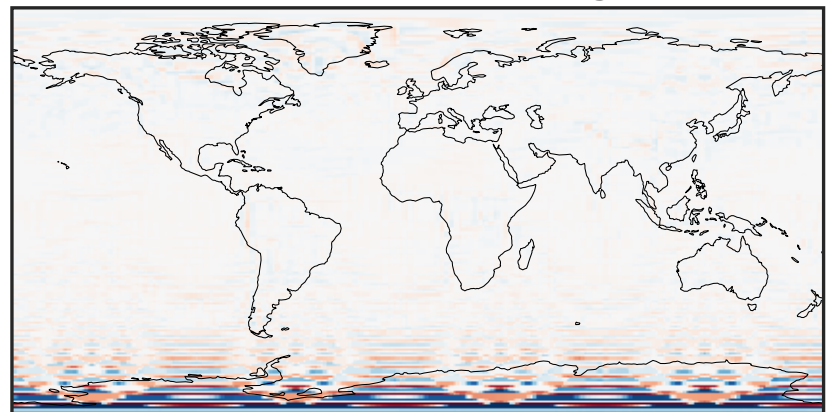
-8 0 8  
s-1 1e-5

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



0.227 0.614 1.000 2.700 4.399  
unitless

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

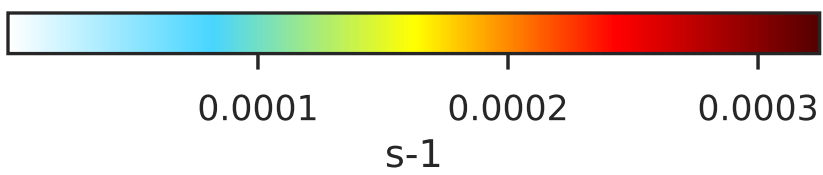
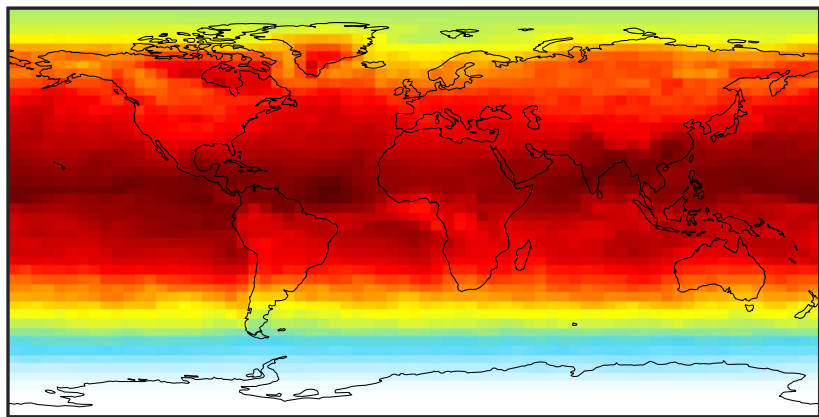


0.50 0.75 1.00 1.50 2.00  
unitless

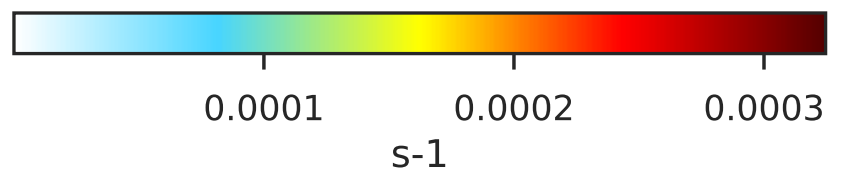
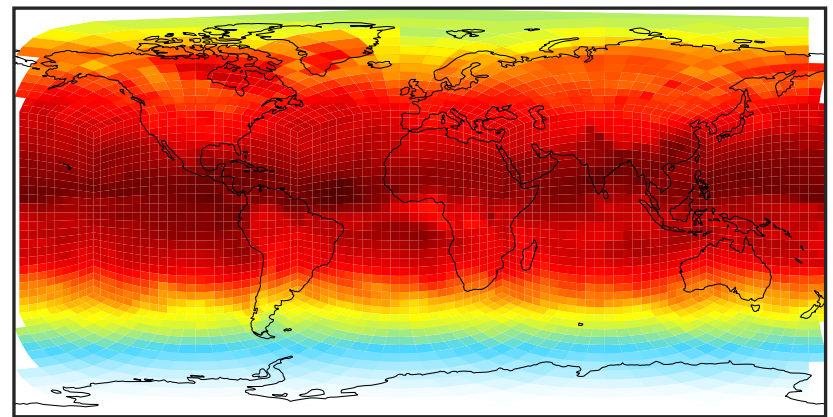


# Jval\_CH2IBr (Apr2019)

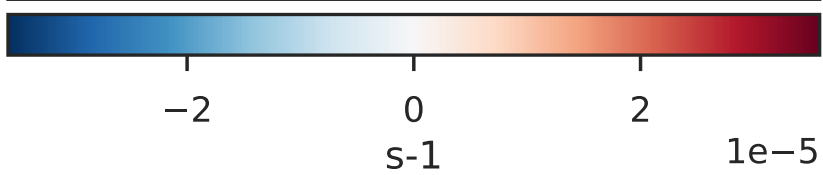
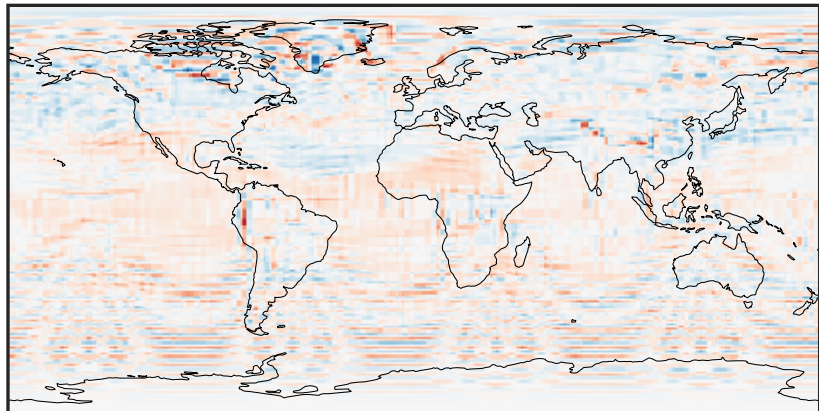
GCC\_14.2.0 (Ref)  
4.0x5.0



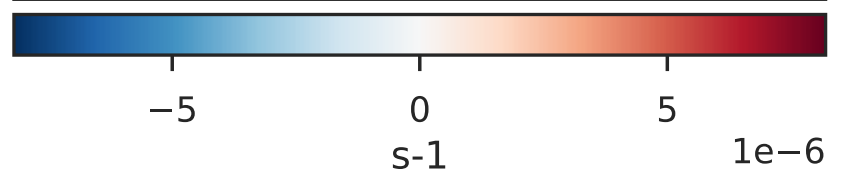
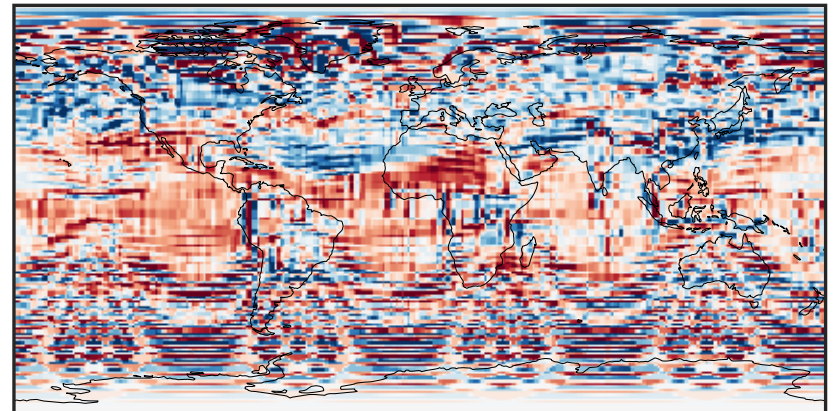
GCHP\_14.2.0 (Dev)  
c24



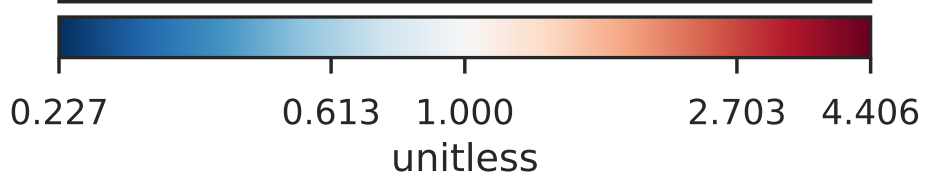
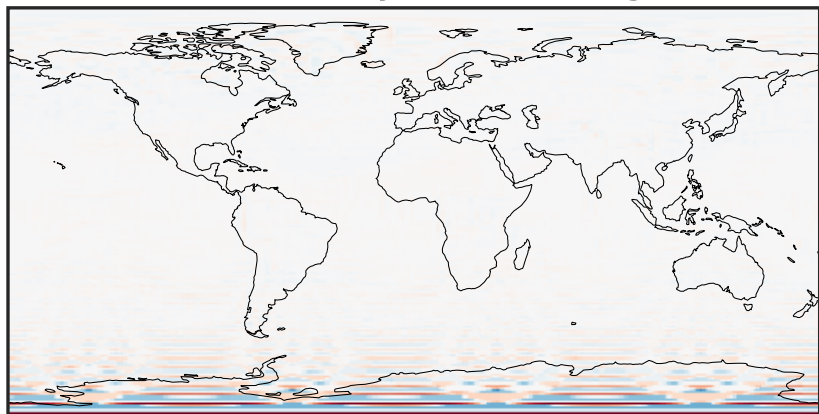
Difference (1x1.25)  
Dev - Ref, Dynamic Range



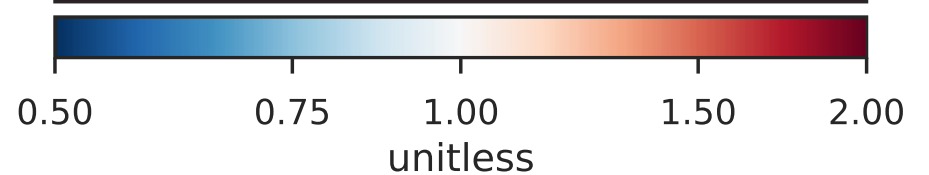
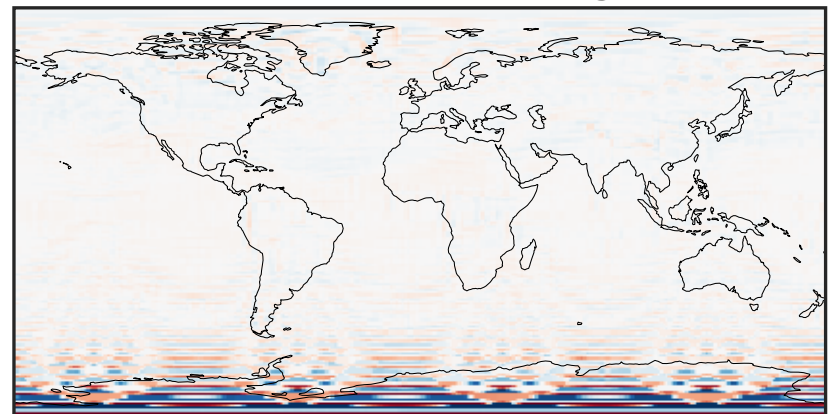
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

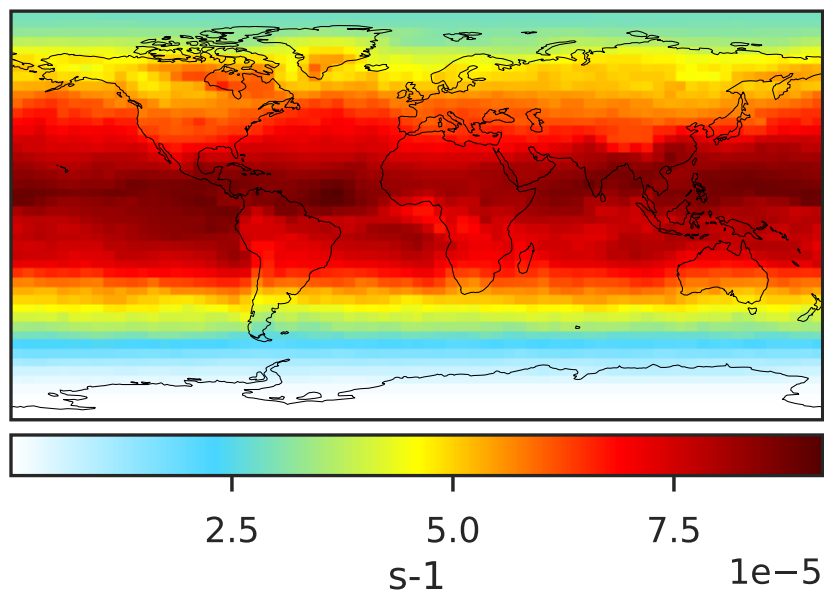


Ratio (1x1.25)  
Dev/Ref, Fixed Range

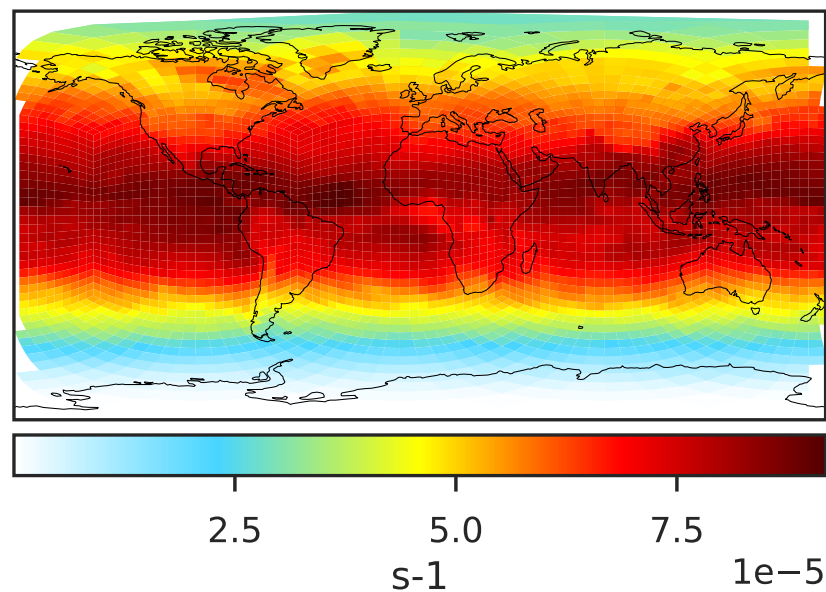


# Jval\_CH2ICl (Apr2019)

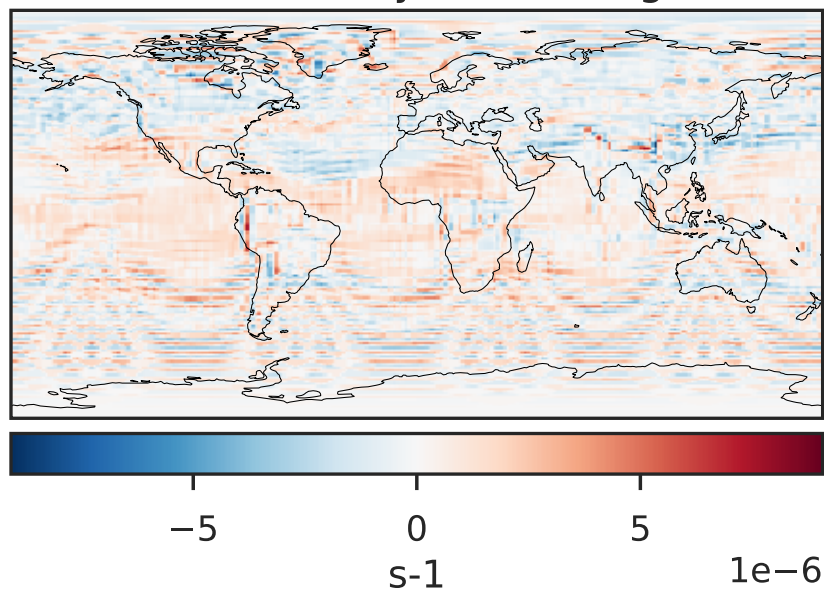
GCC\_14.2.0 (Ref)  
4.0x5.0



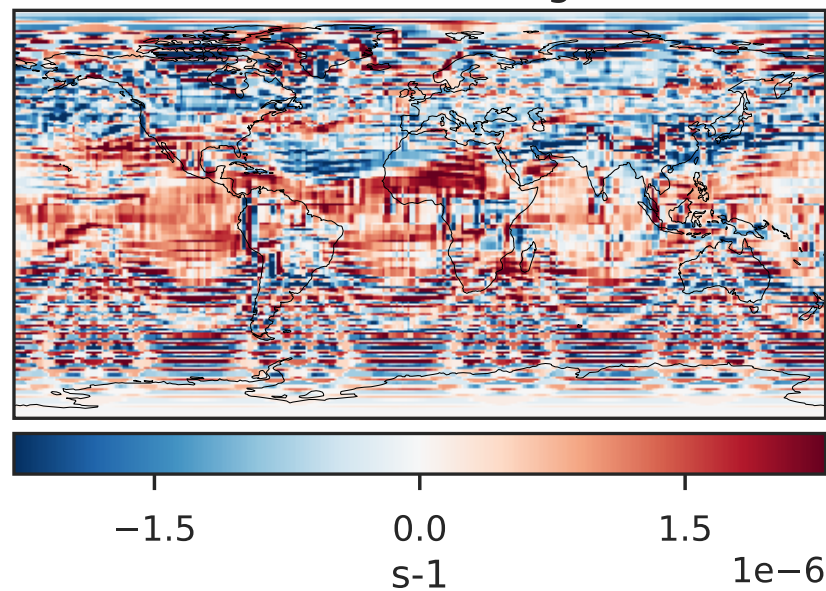
GCHP\_14.2.0 (Dev)  
c24



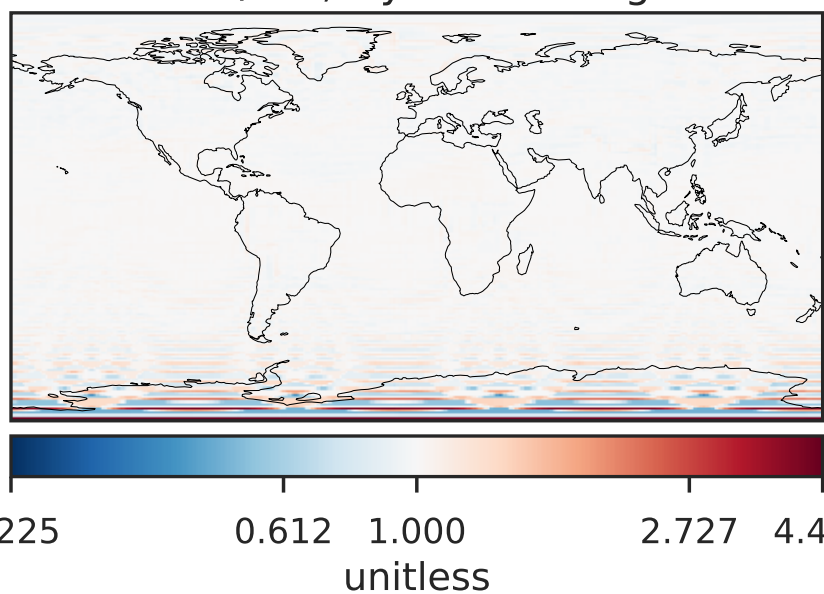
Difference (1x1.25)  
Dev - Ref, Dynamic Range



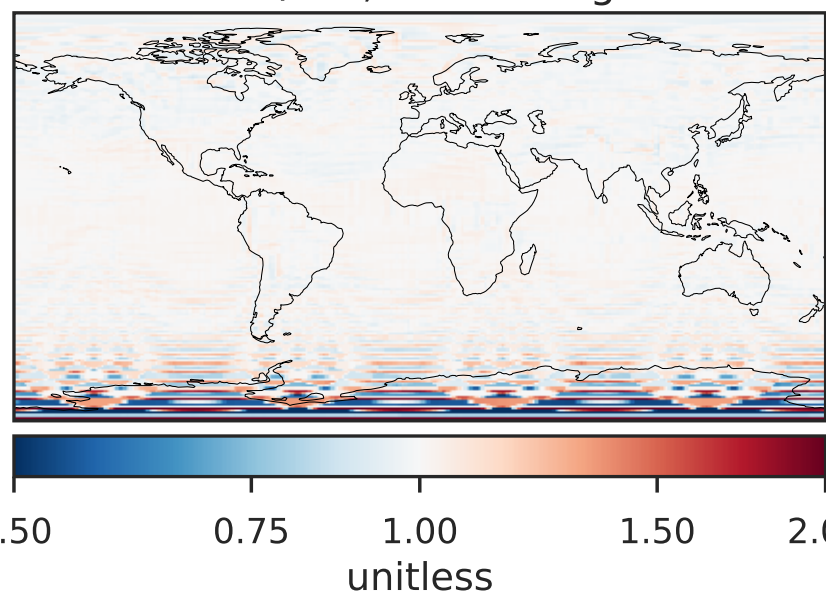
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



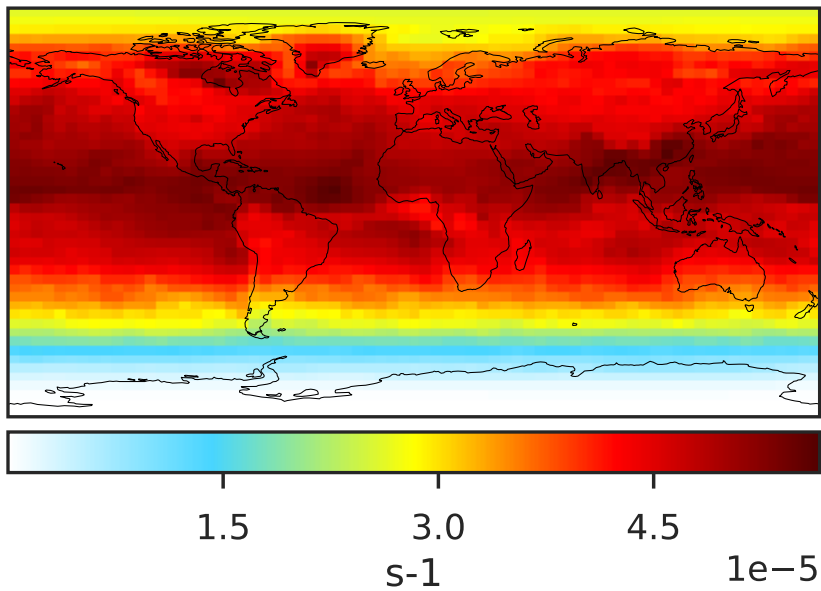
Ratio (1x1.25)  
Dev/Ref, Fixed Range



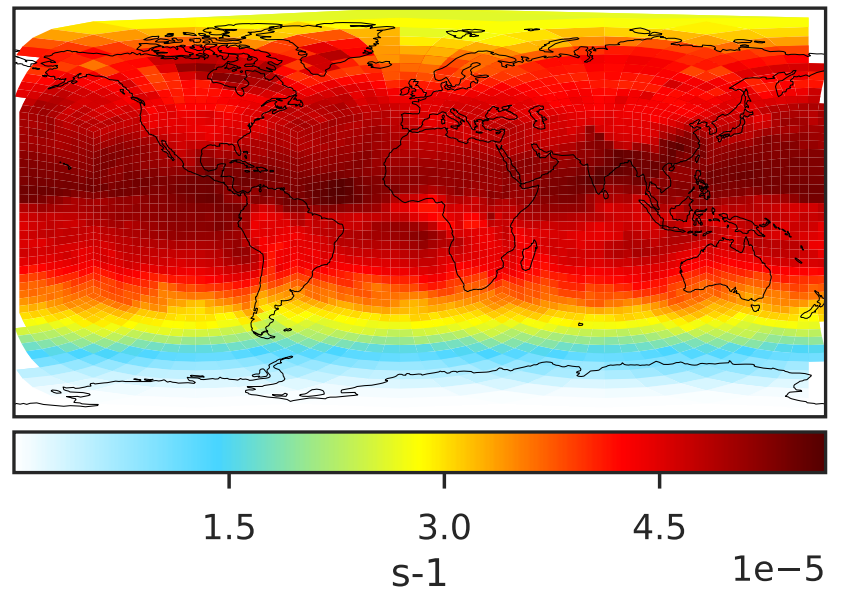


# Jval\_CH2O (Apr2019)

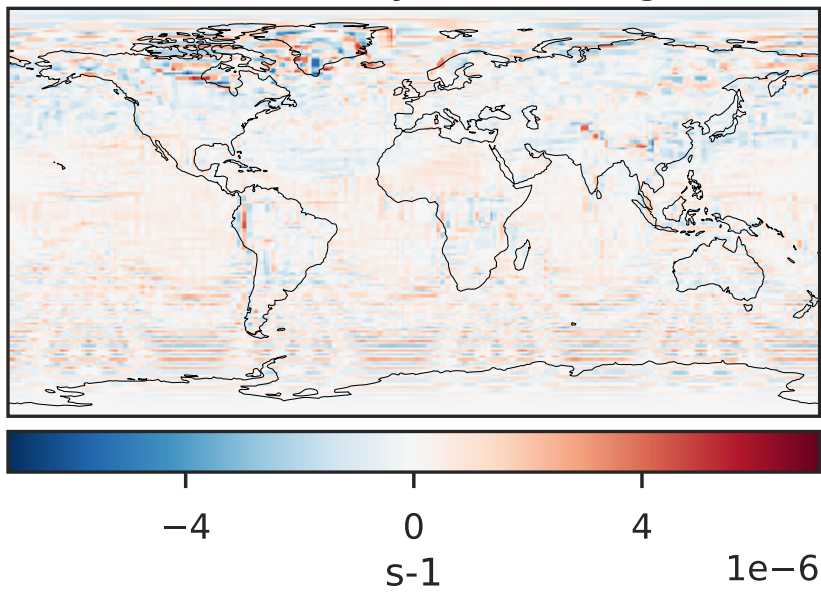
GCC\_14.2.0 (Ref)  
4.0x5.0



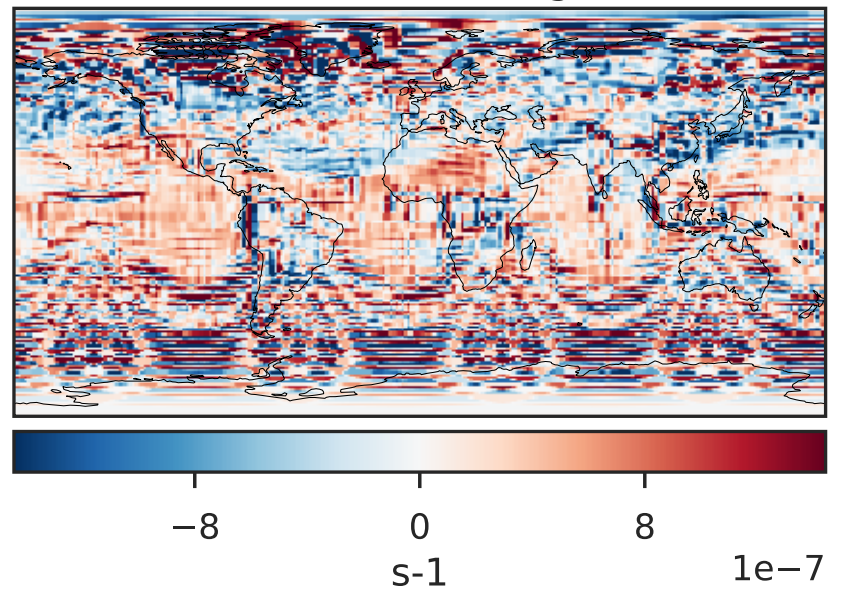
GCHP\_14.2.0 (Dev)  
c24



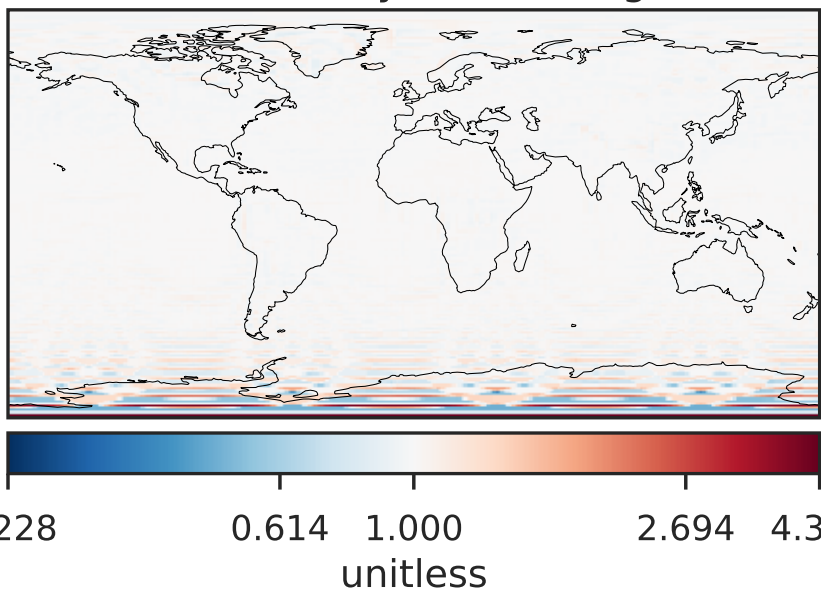
Difference (1x1.25)  
Dev - Ref, Dynamic Range



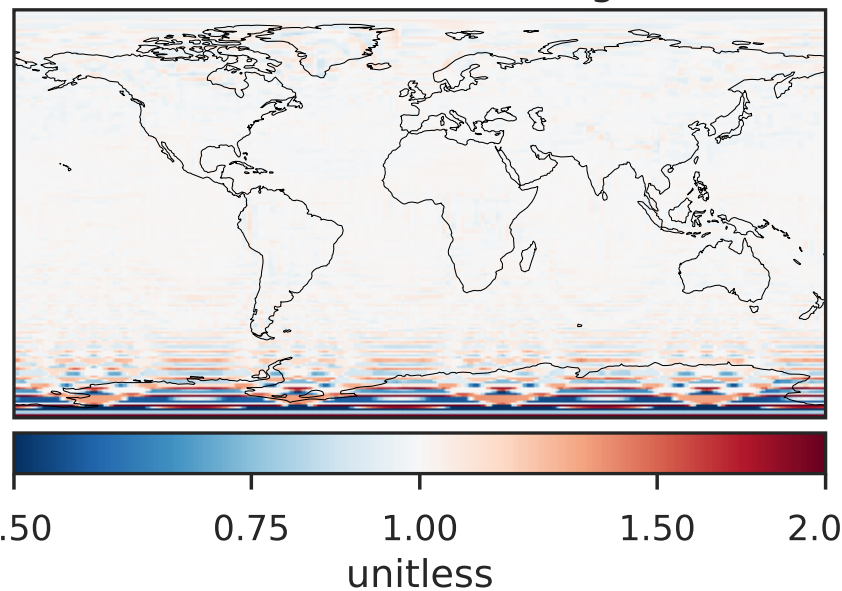
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

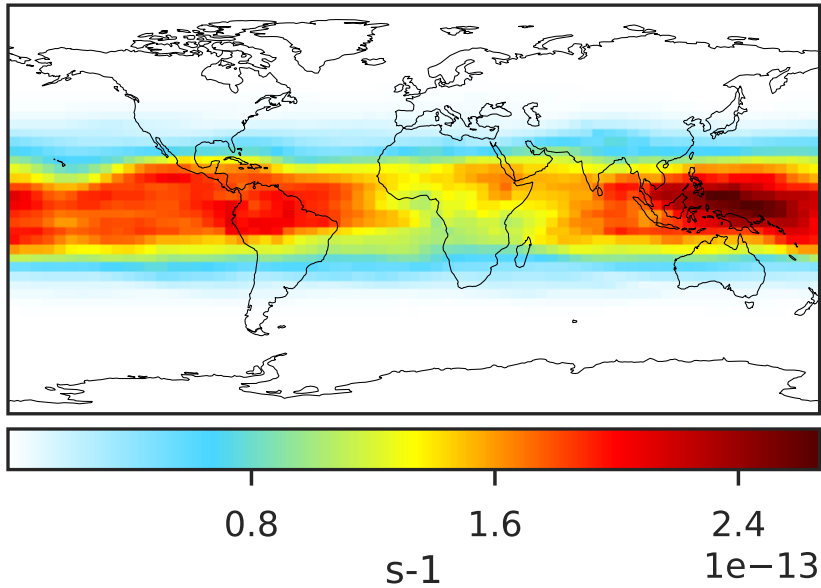


Ratio (1x1.25)  
Dev/Ref, Fixed Range

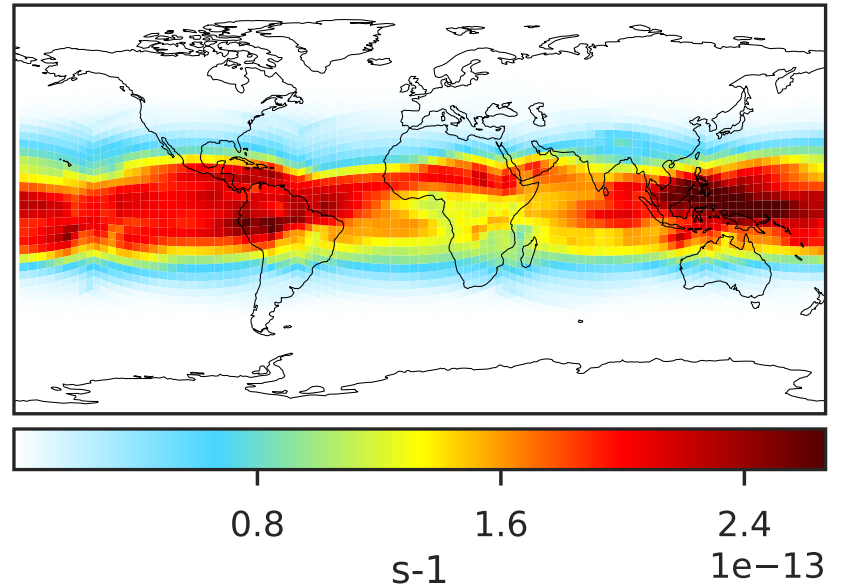


# Jval\_CH3Br (Apr2019)

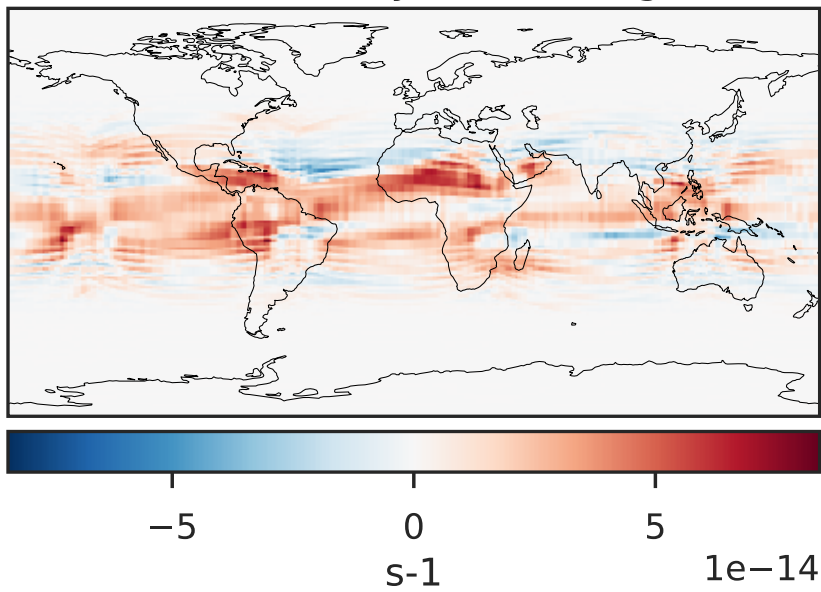
GCC\_14.2.0 (Ref)  
4.0x5.0



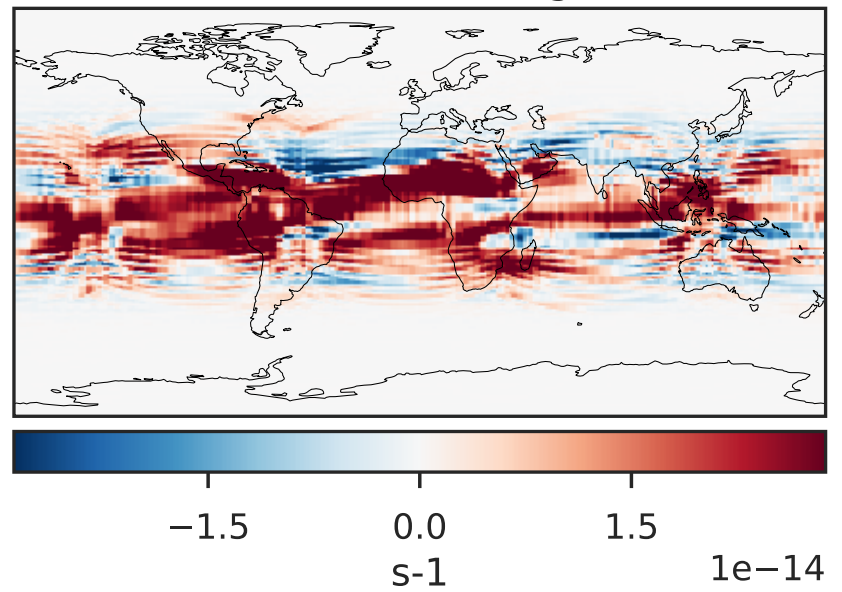
GCHP\_14.2.0 (Dev)  
c24



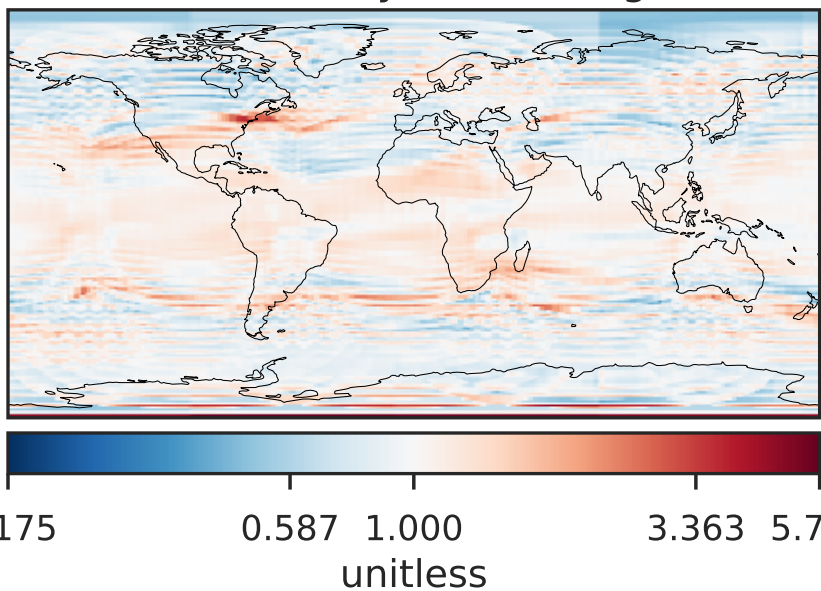
Difference (1x1.25)  
Dev - Ref, Dynamic Range



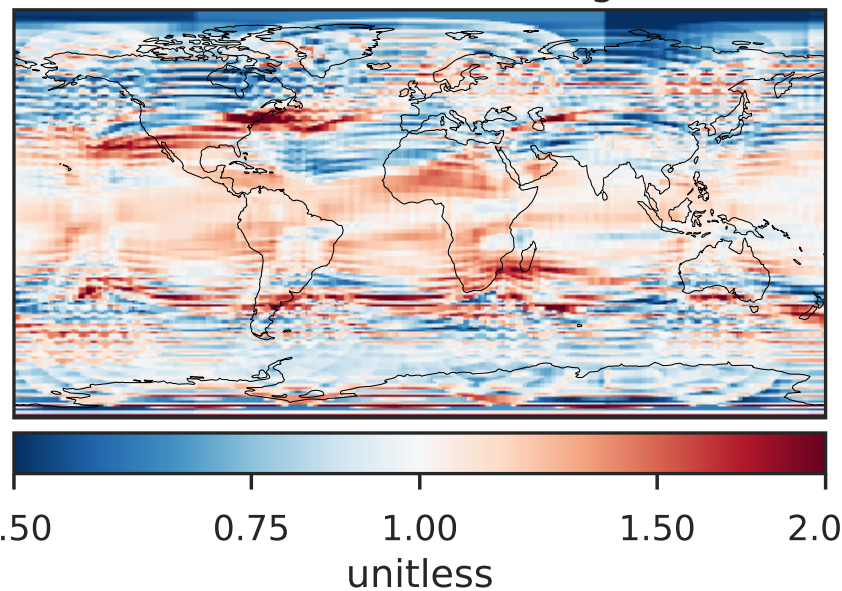
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



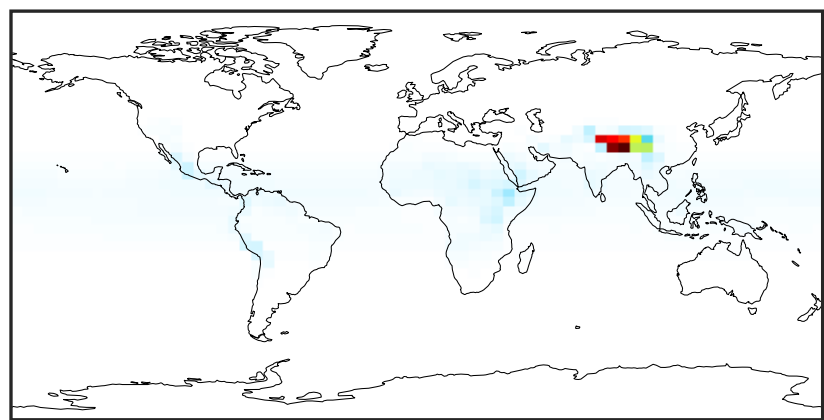
Ratio (1x1.25)  
Dev/Ref, Fixed Range





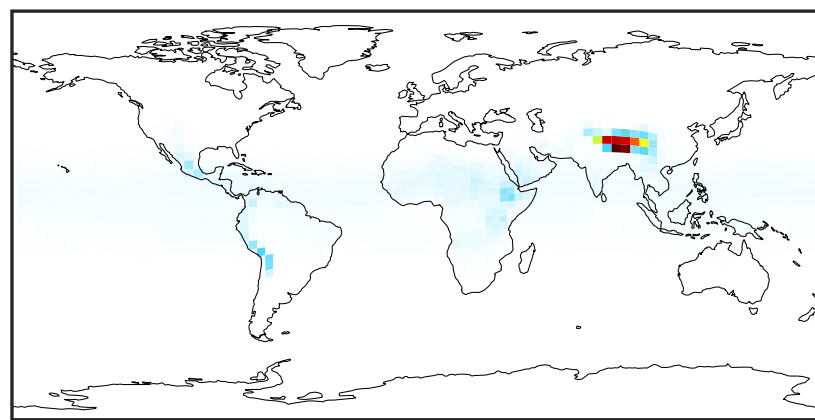
# Jval\_CH3CCI3 (Apr2019)

GCC\_14.2.0 (Ref)  
4.0x5.0



0.4 0.8 1.2  
s-1 1e-14

GCHP\_14.2.0 (Dev)  
c24



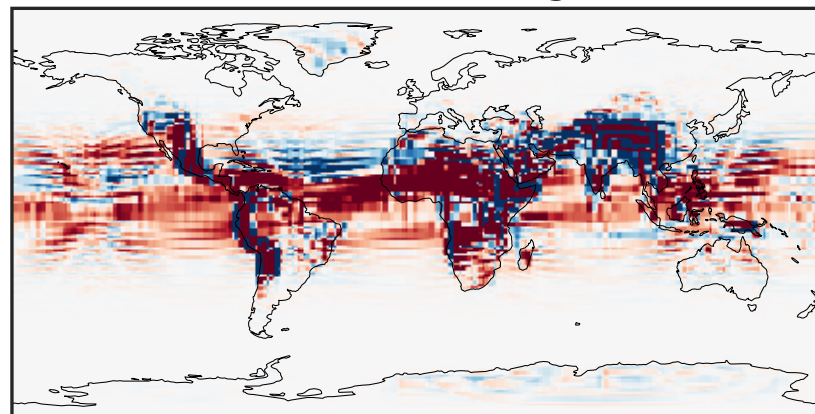
0.4 0.8 1.2  
s-1 1e-14

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



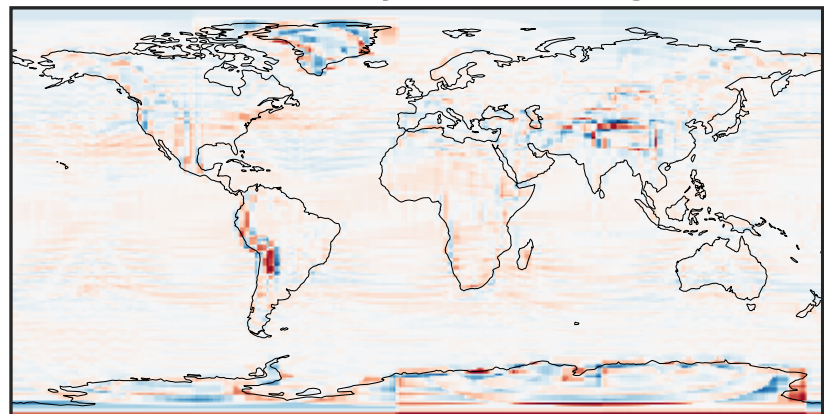
-5 0 5  
s-1 1e-15

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



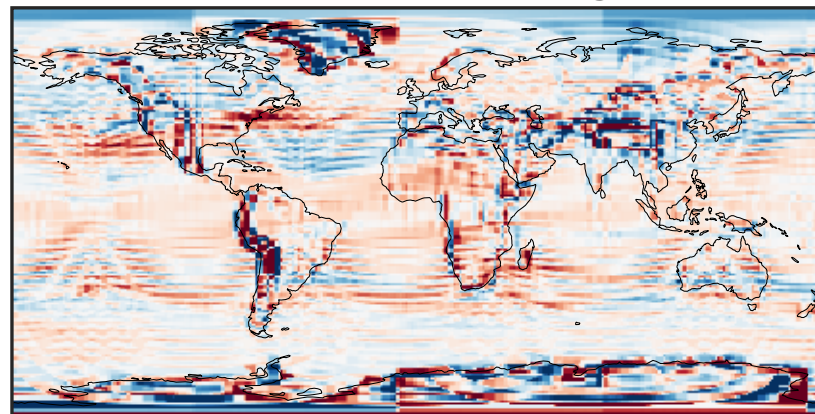
-2 0 2  
s-1 1e-17

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



1e-01 1 10  
unitless

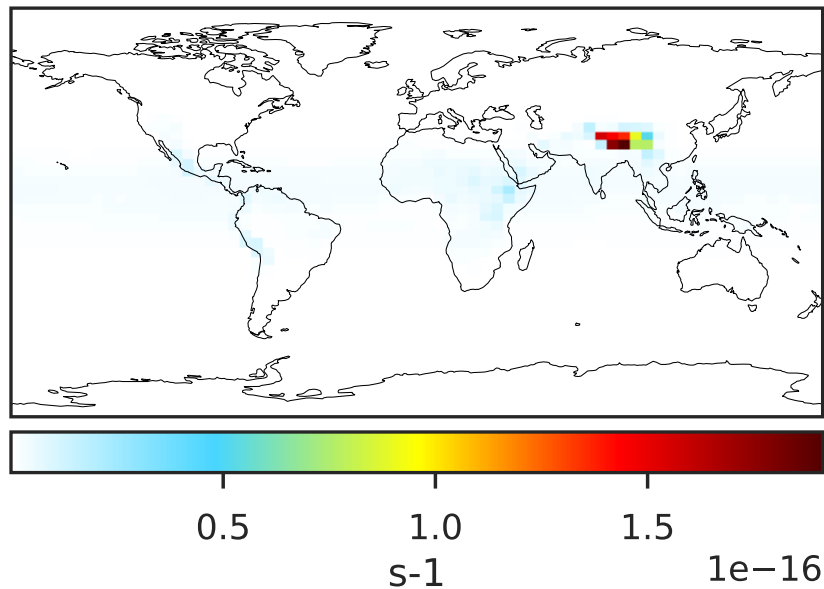
Ratio (1x1.25)  
Dev/Ref, Fixed Range



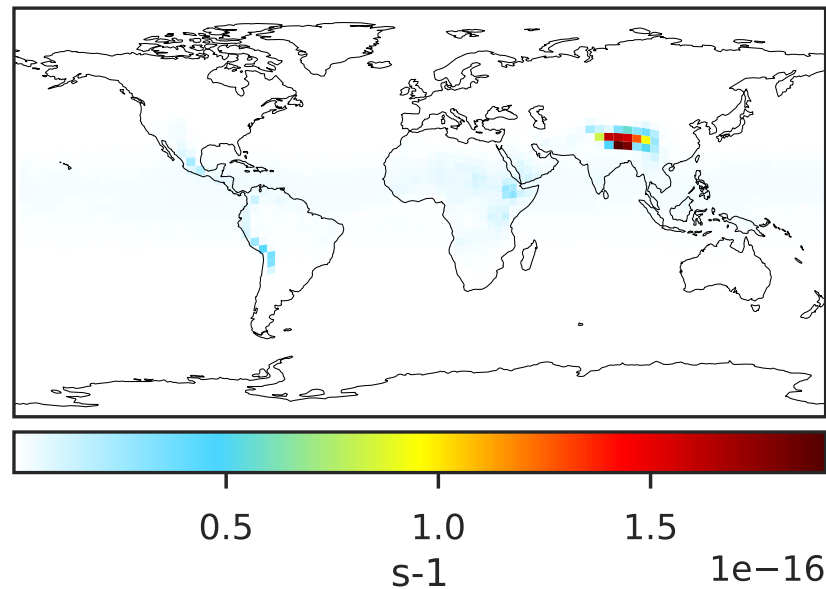
0.50 0.75 1.00 1.50 2.00  
unitless

# Jval\_CH3Cl (Apr2019)

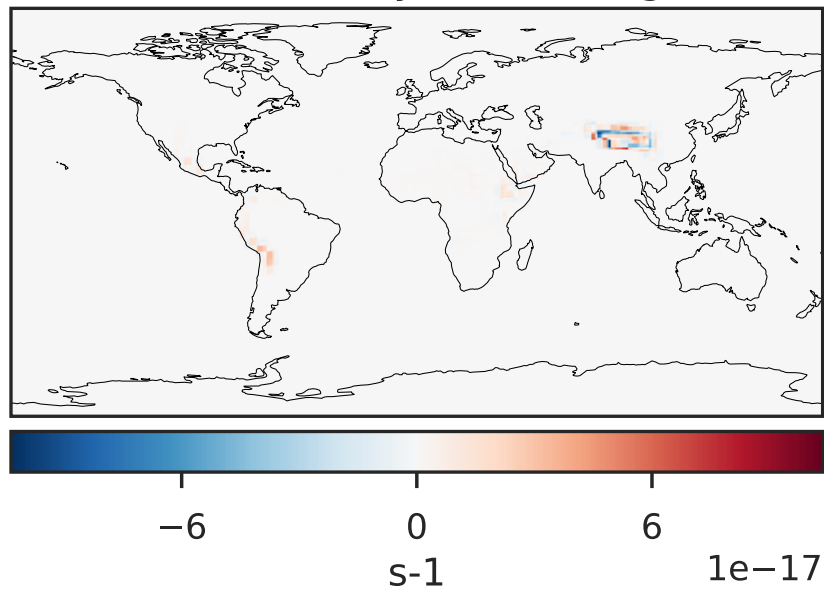
GCC\_14.2.0 (Ref)  
4.0x5.0



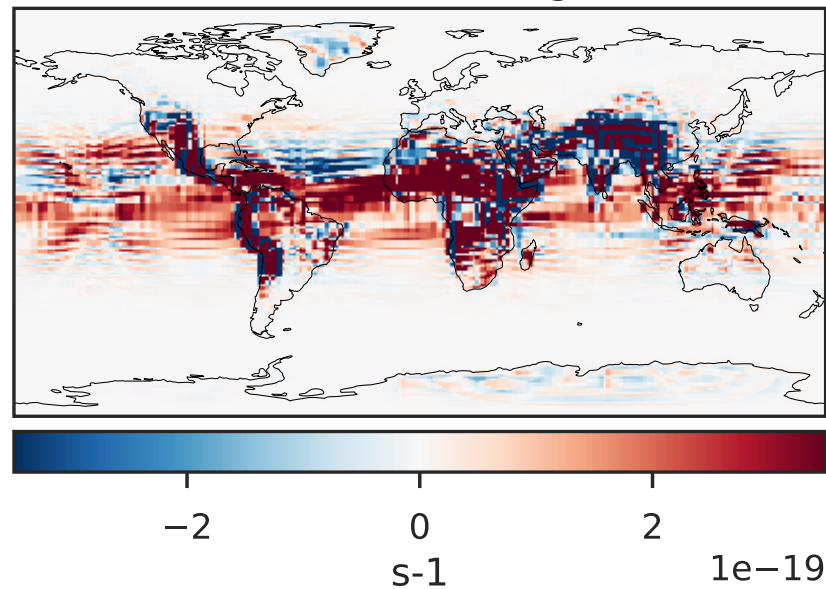
GCHP\_14.2.0 (Dev)  
c24



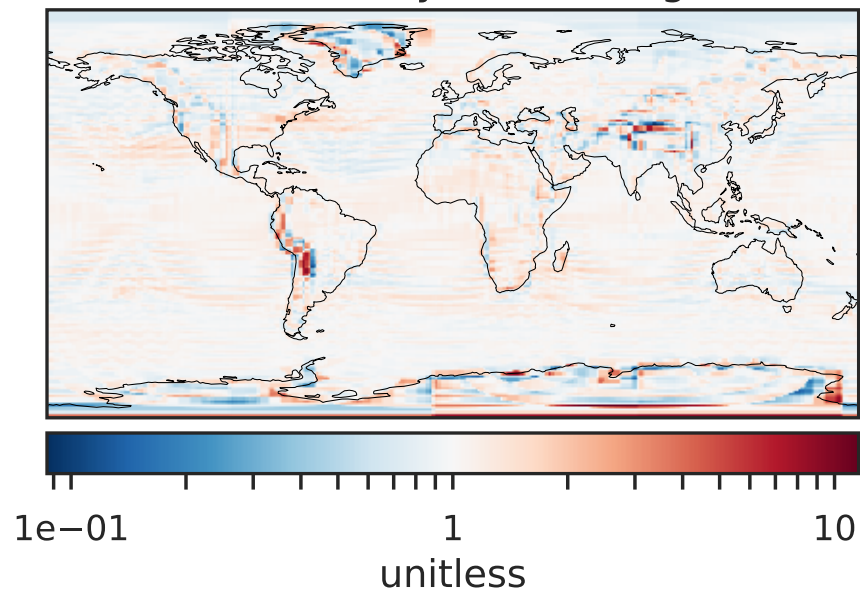
Difference (1x1.25)  
Dev - Ref, Dynamic Range



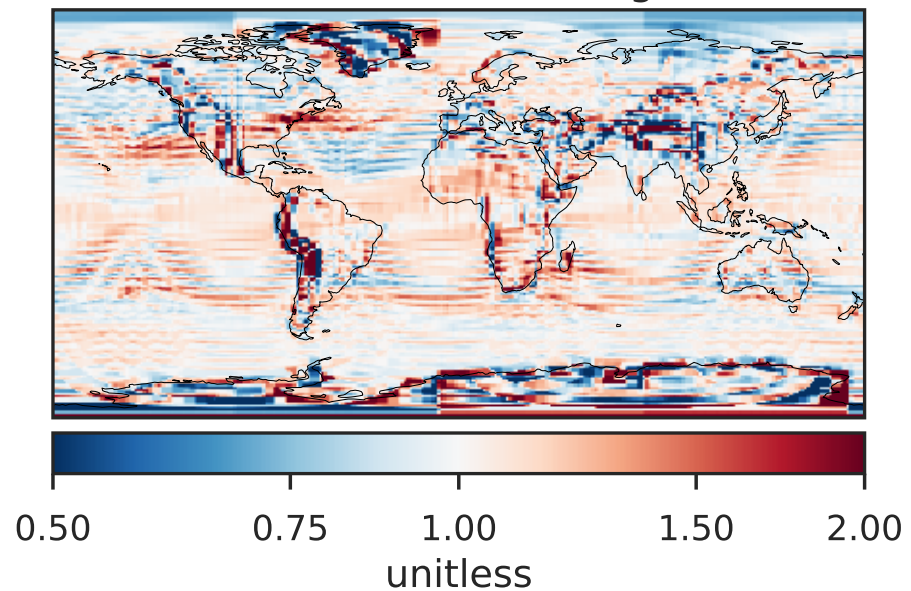
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



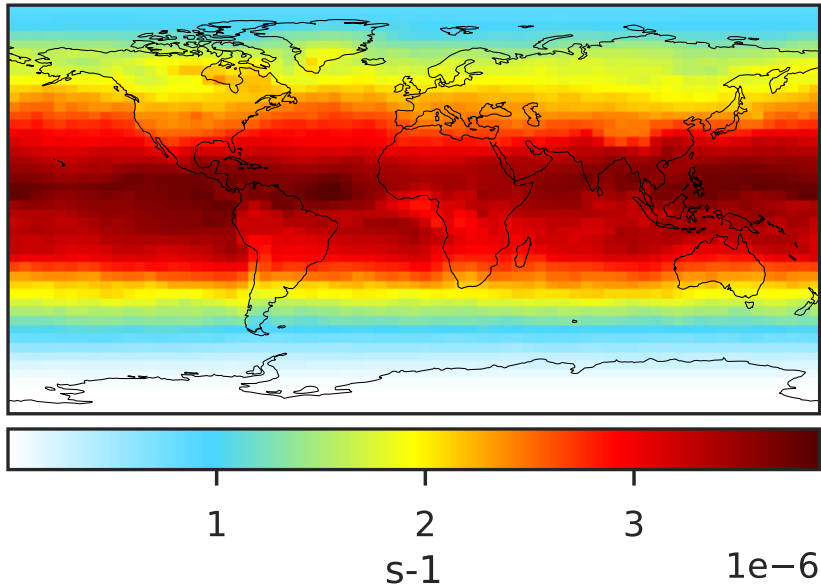
Ratio (1x1.25)  
Dev/Ref, Fixed Range



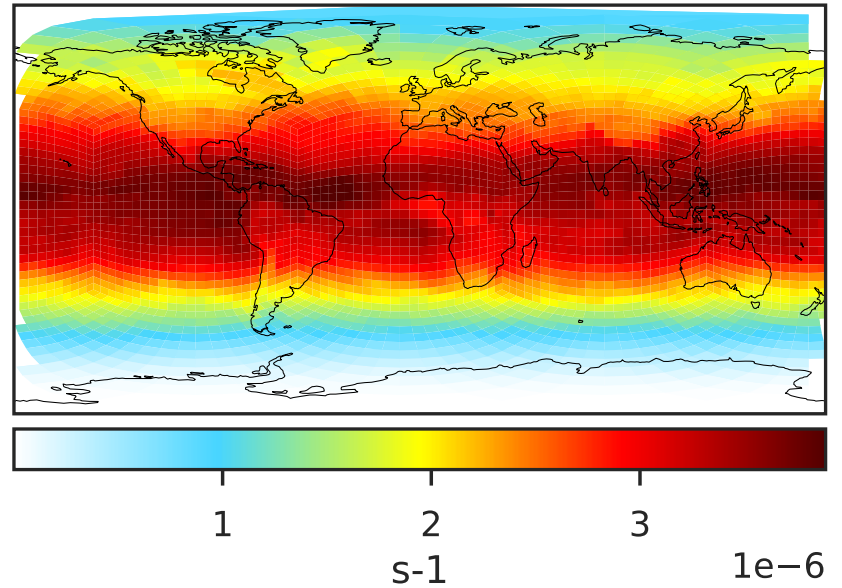


# Jval\_CH3I (Apr2019)

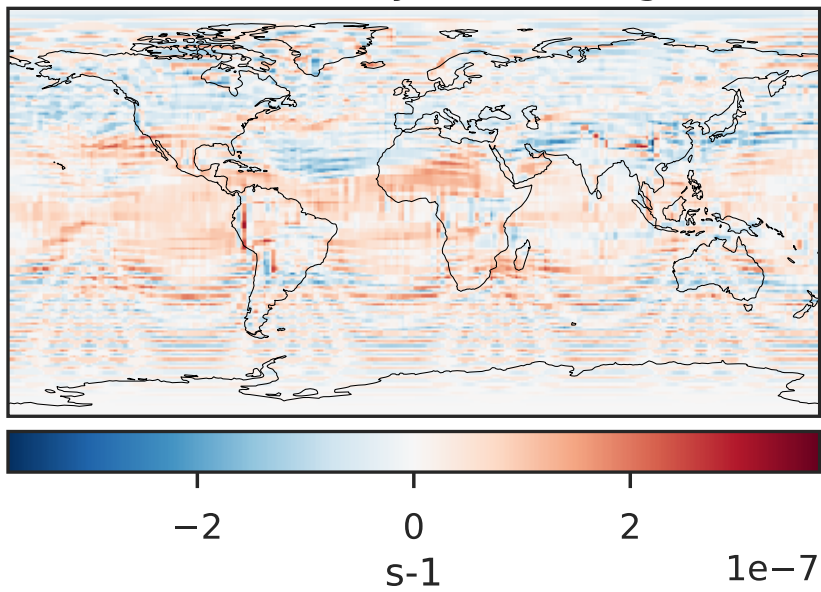
GCC\_14.2.0 (Ref)  
4.0x5.0



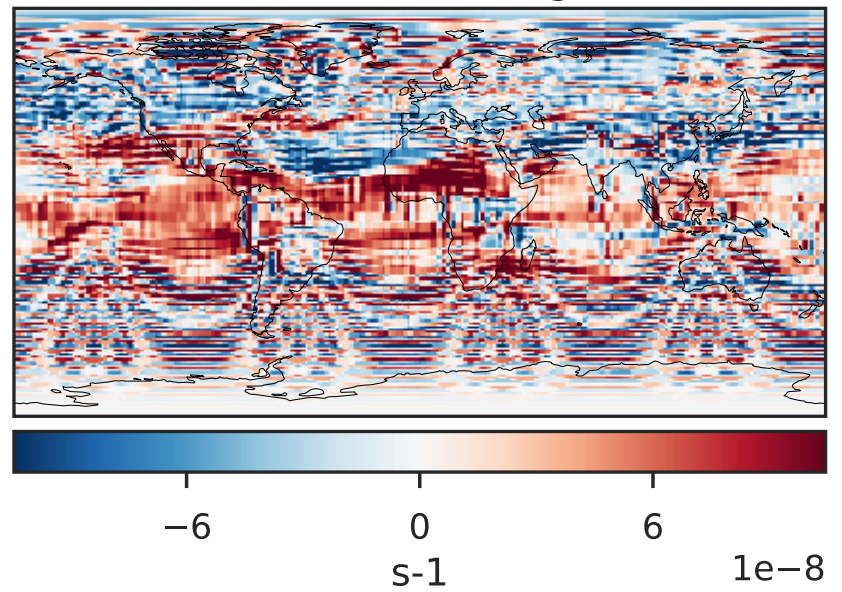
GCHP\_14.2.0 (Dev)  
c24



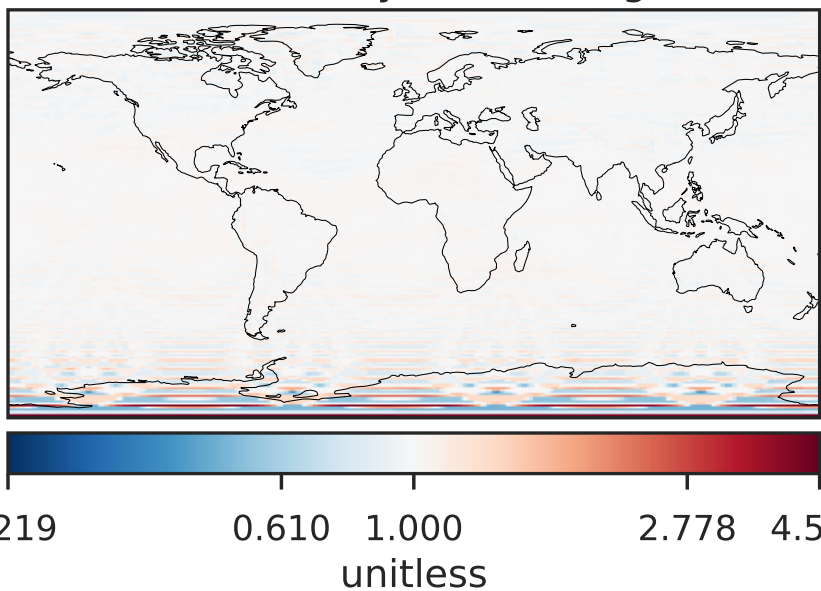
Difference (1x1.25)  
Dev - Ref, Dynamic Range



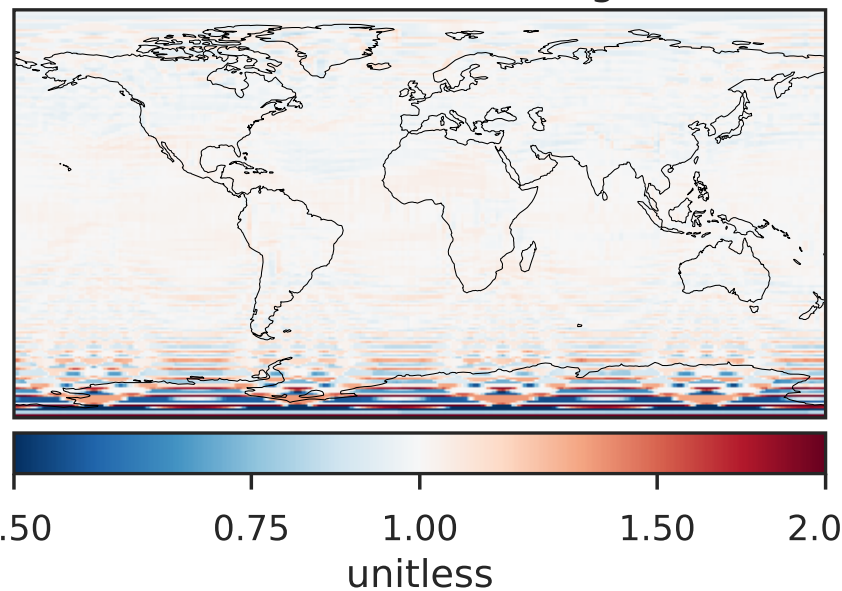
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

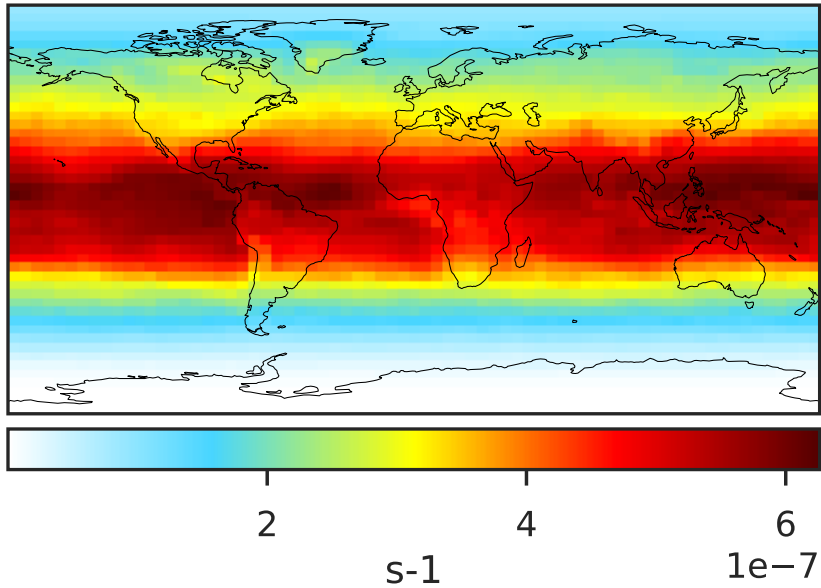


Ratio (1x1.25)  
Dev/Ref, Fixed Range

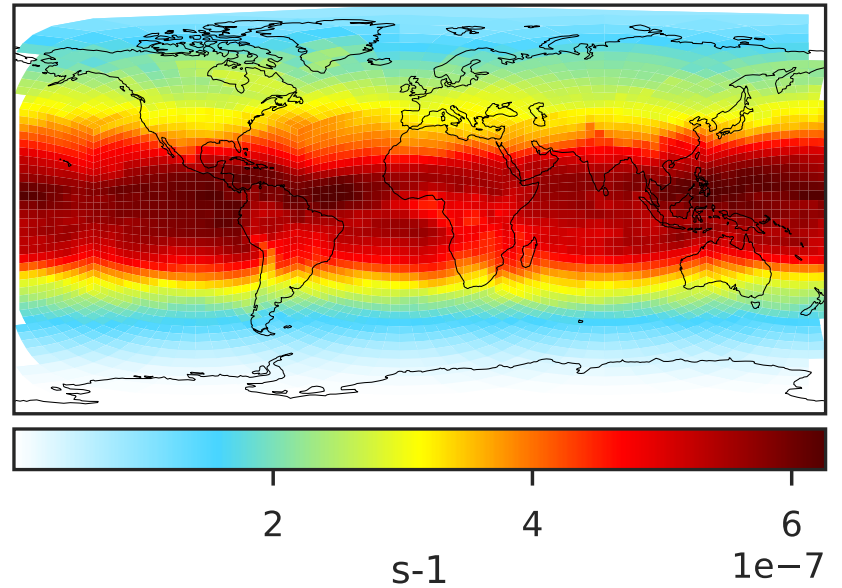


# Jval\_CHBr3 (Apr2019)

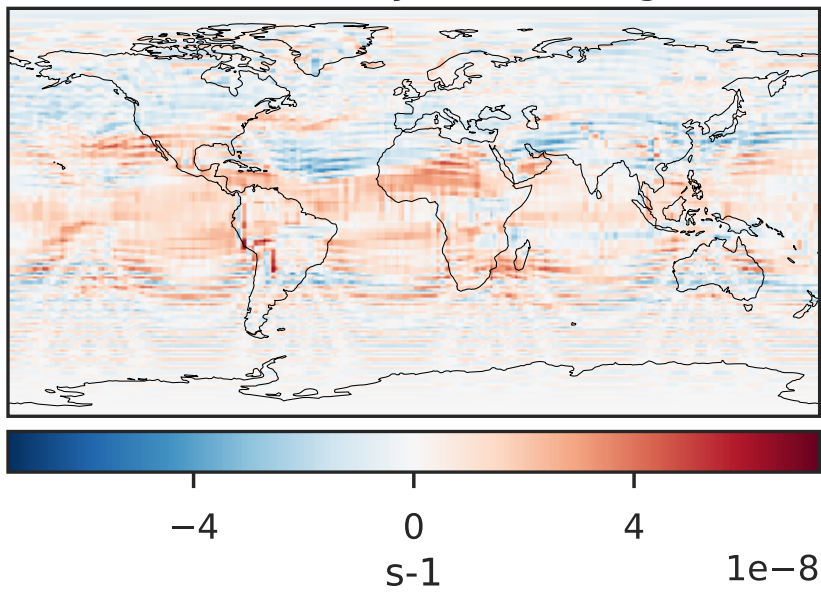
GCC\_14.2.0 (Ref)  
4.0x5.0



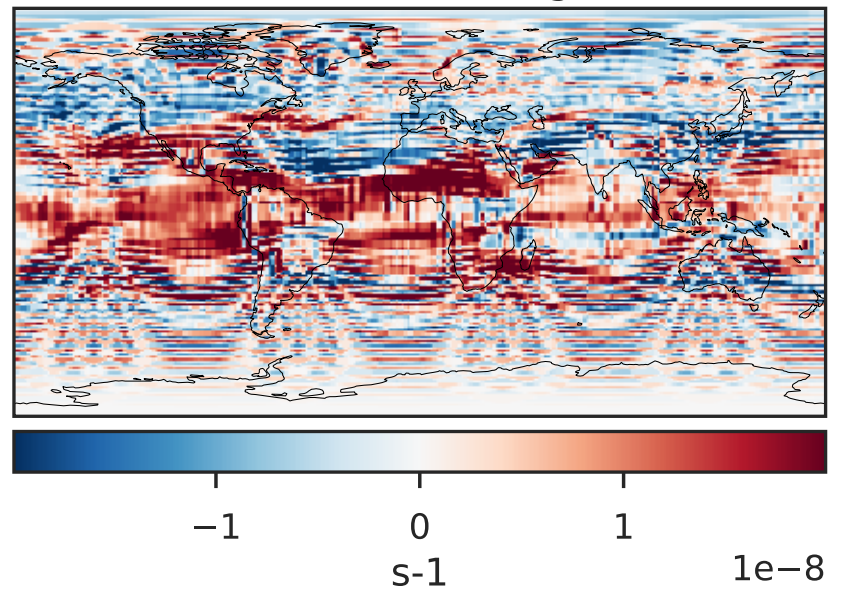
GCHP\_14.2.0 (Dev)  
c24



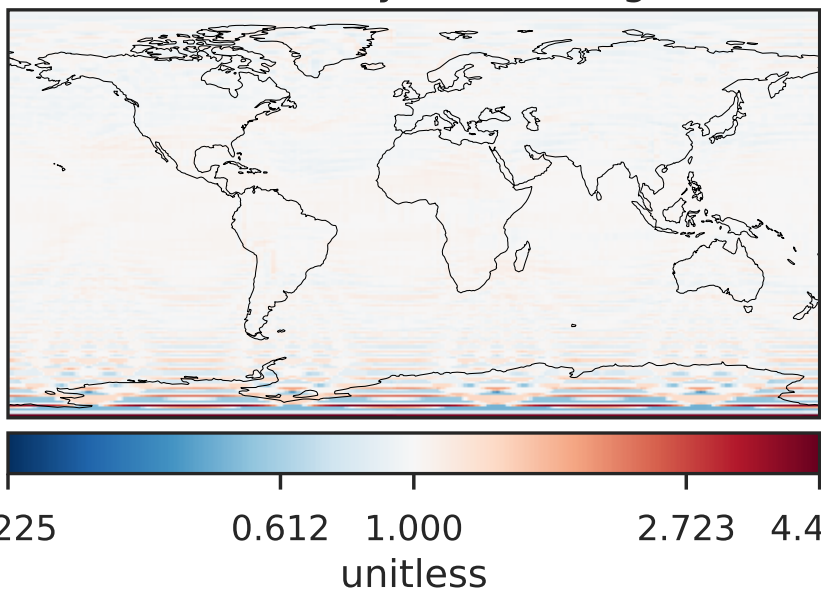
Difference (1x1.25)  
Dev - Ref, Dynamic Range



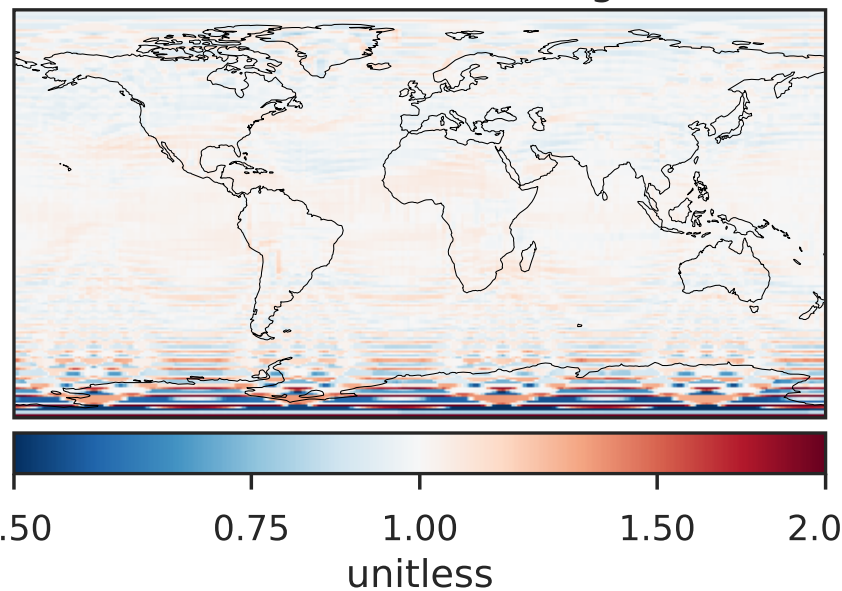
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



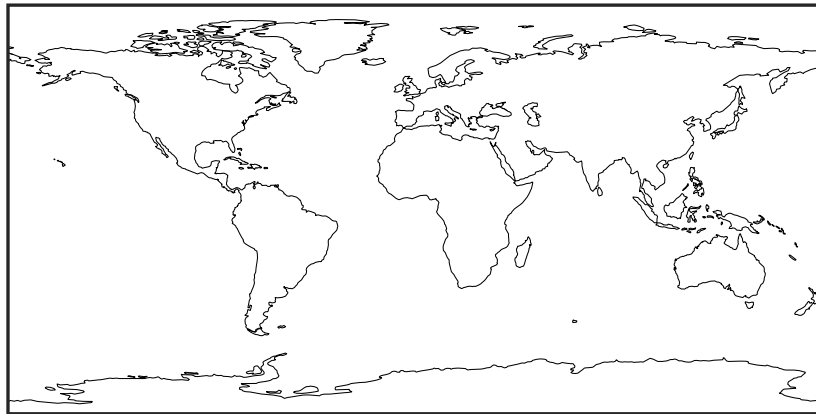
Ratio (1x1.25)  
Dev/Ref, Fixed Range





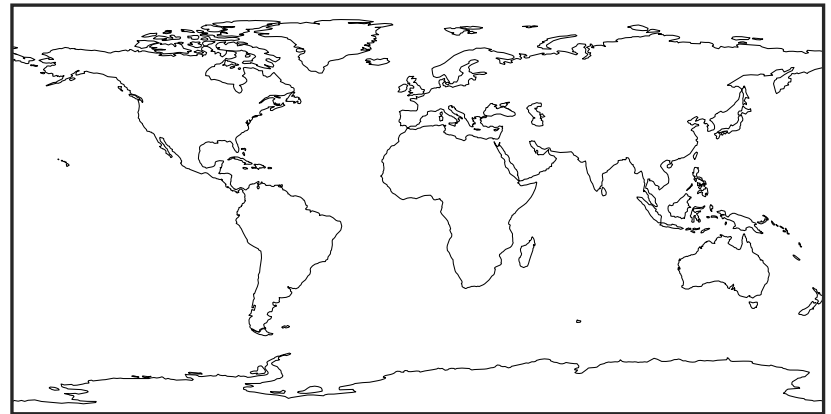
# Jval\_CHCl3 (Apr2019)

GCC\_14.2.0 (Ref)  
4.0x5.0



Zero throughout domain  
s-1

GCHP\_14.2.0 (Dev)  
c24



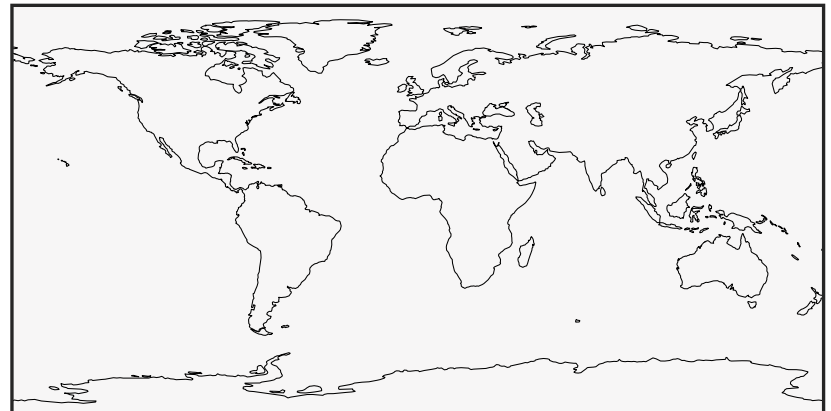
Zero throughout domain  
s-1

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

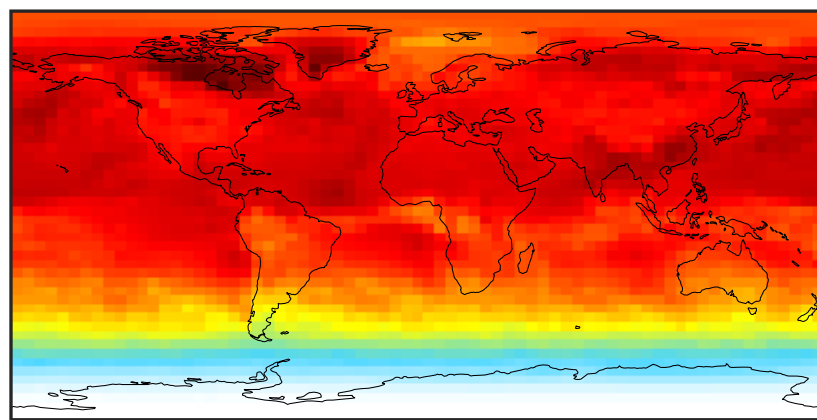
Ratio (1x1.25)  
Dev/Ref, Fixed Range



Undefined throughout domain  
unitless

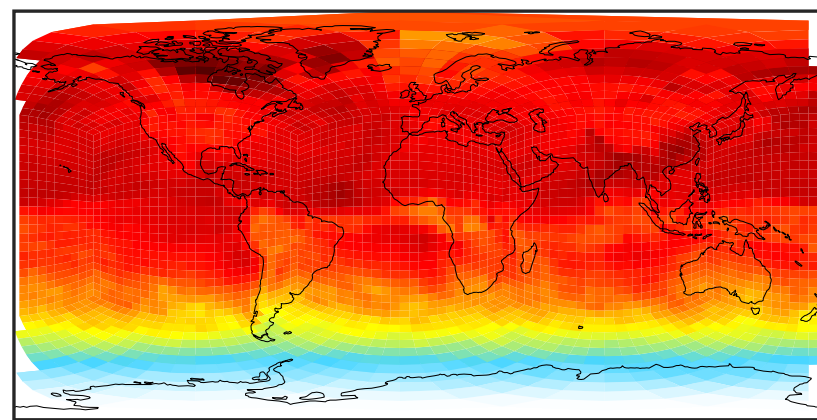
# Jval\_CI2 (Apr2019)

GCC\_14.2.0 (Ref)  
4.0x5.0



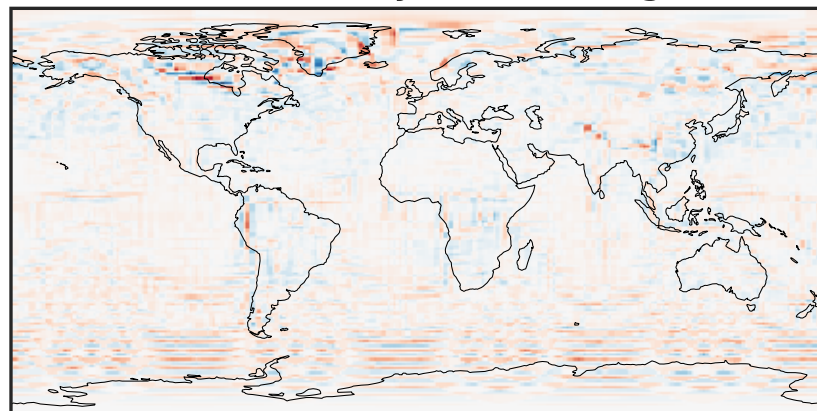
0.0005 0.0010 0.0015  
s-1

GCHP\_14.2.0 (Dev)  
c24



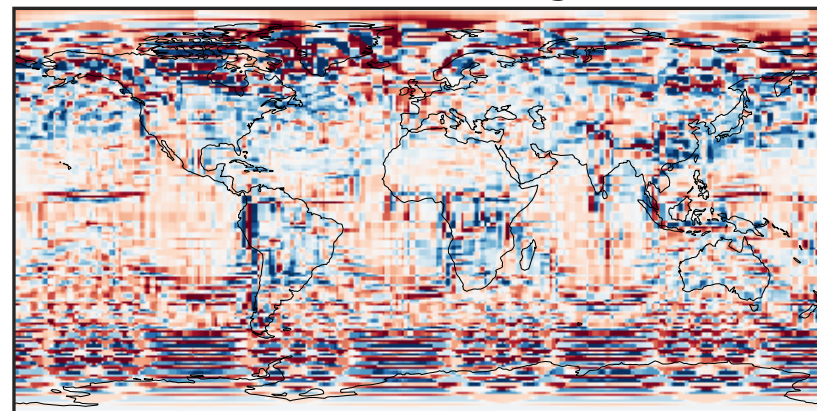
0.0005 0.0010 0.0015  
s-1

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



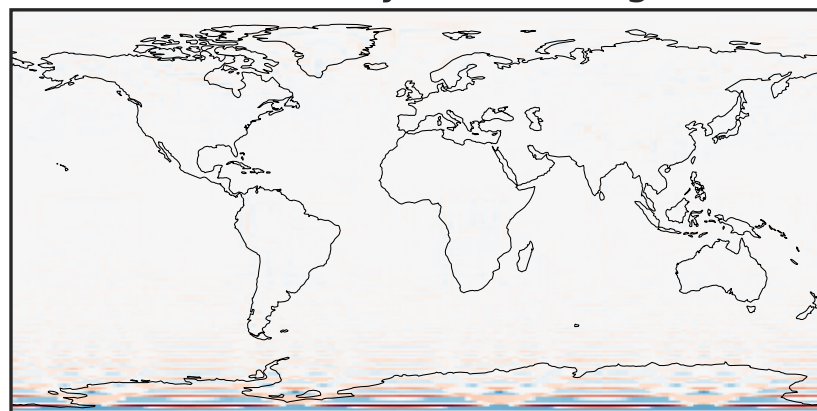
-0.00015 0.00000 0.00015  
s-1

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



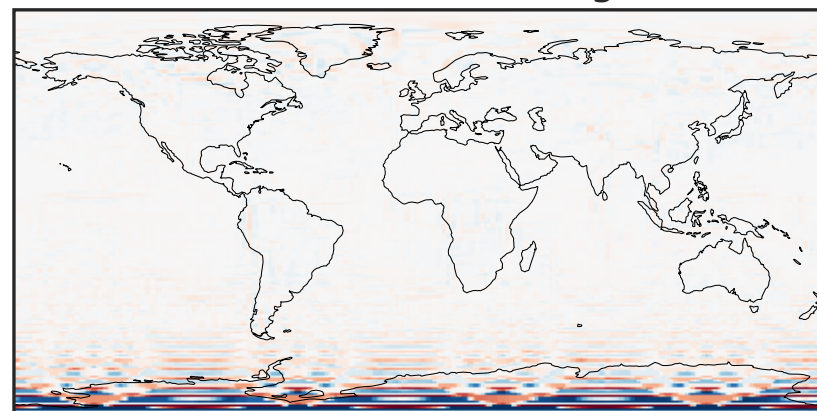
-2.5 0.0 2.5  
s-1 1e-5

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



0.215 0.608 1.000 2.823 4.646  
unitless

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

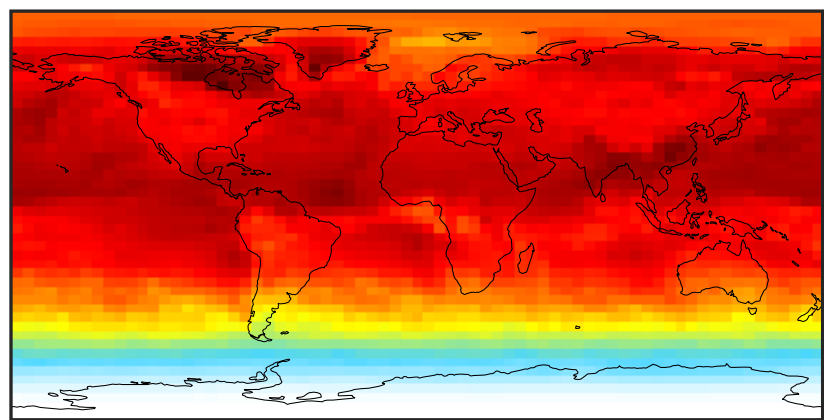


0.50 0.75 1.00 1.50 2.00  
unitless



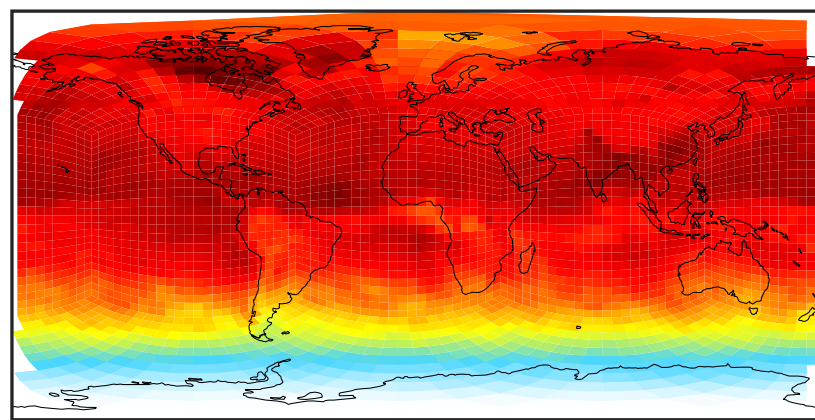
# Jval\_CI202 (Apr2019)

GCC\_14.2.0 (Ref)  
4.0x5.0



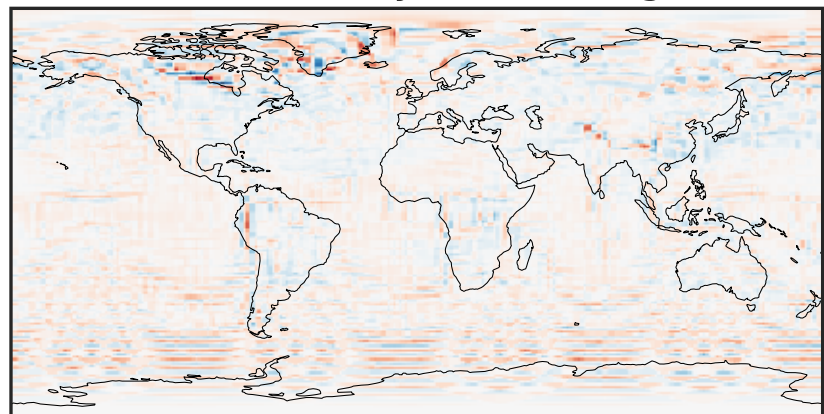
0.0004 0.0008 0.0012  
s-1

GCHP\_14.2.0 (Dev)  
c24



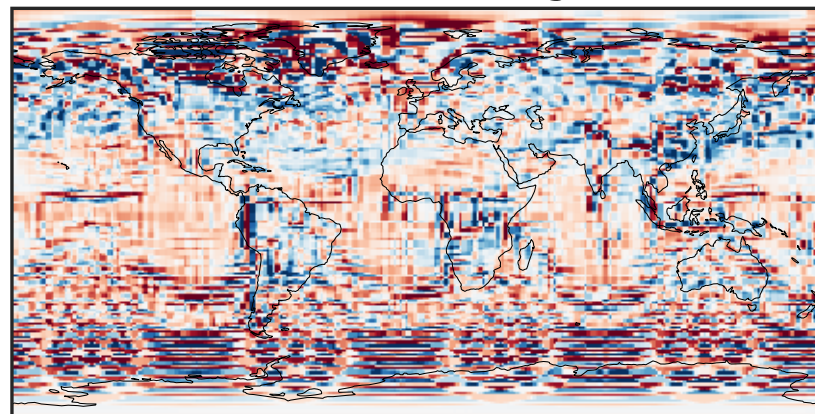
0.0004 0.0008 0.0012  
s-1

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



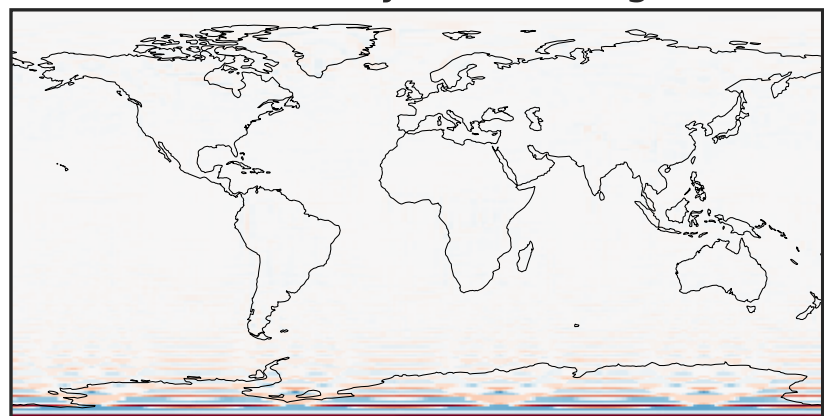
-0.0001 0.0000 0.0001  
s-1

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



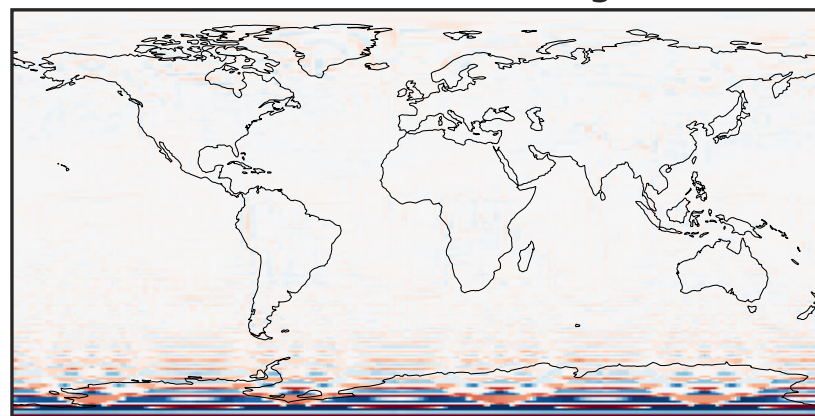
-2 0 2  
s-1 1e-5

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



0.208 0.604 1.000 2.907 4.815  
unitless

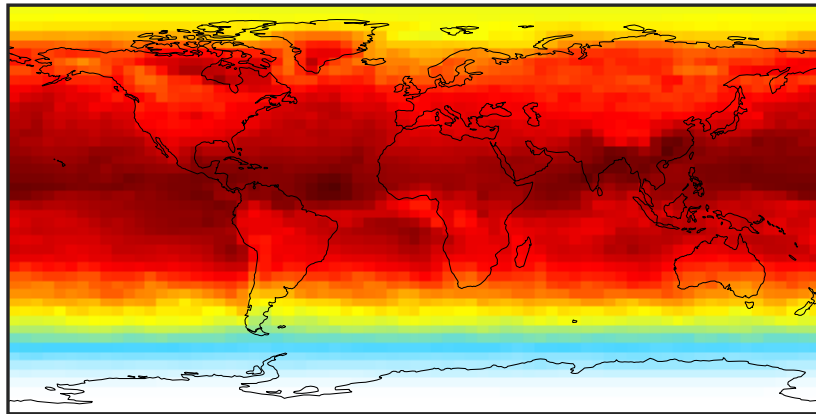
Ratio (1x1.25)  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

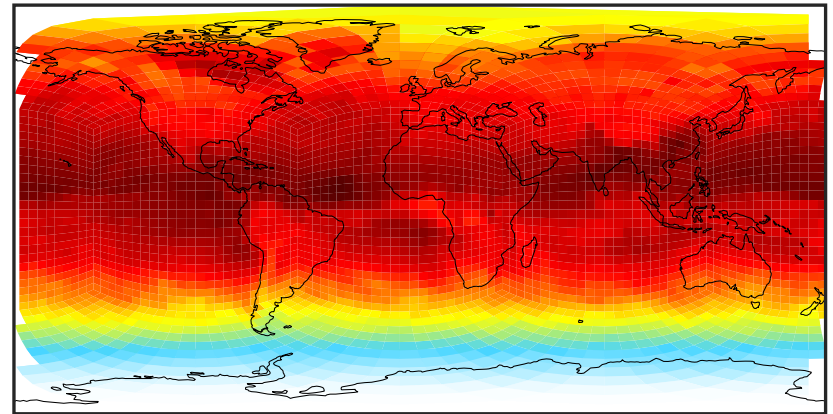
# Jval\_CINO2 (Apr2019)

GCC\_14.2.0 (Ref)  
4.0x5.0



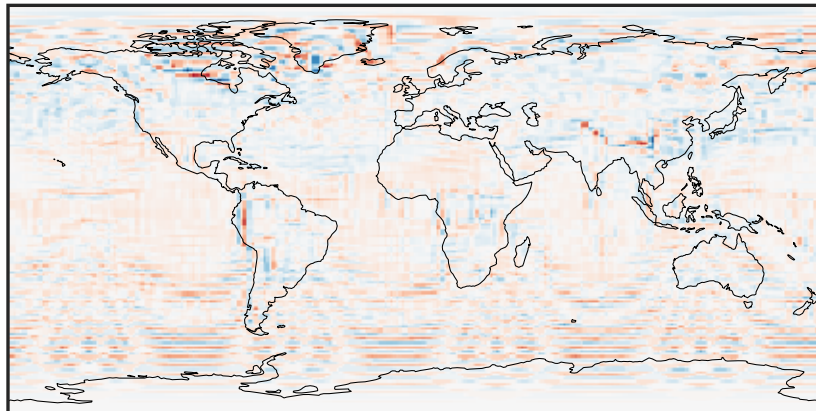
0.00006 0.00012 0.00018  
s-1

GCHP\_14.2.0 (Dev)  
c24



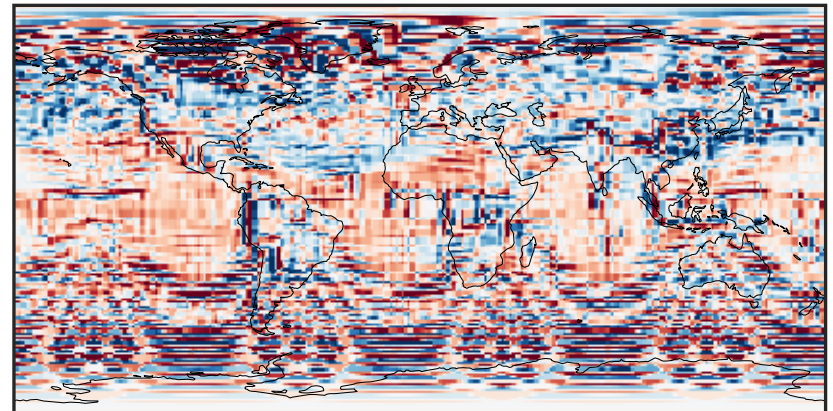
0.00006 0.00012 0.00018  
s-1

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



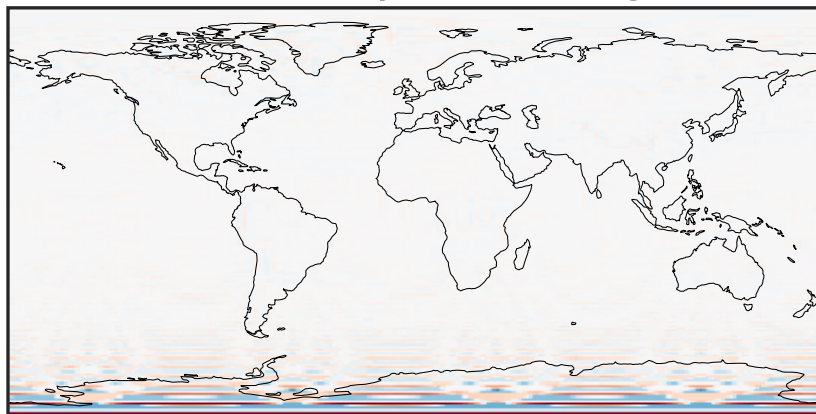
-1.5 0.0 1.5  
s-1 1e-5

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



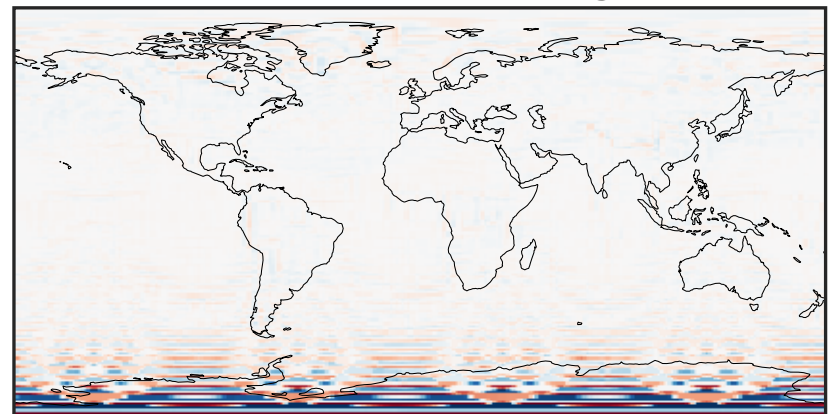
-3 0 3  
s-1 1e-6

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



0.223 0.611 1.000 2.743 4.486  
unitless

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

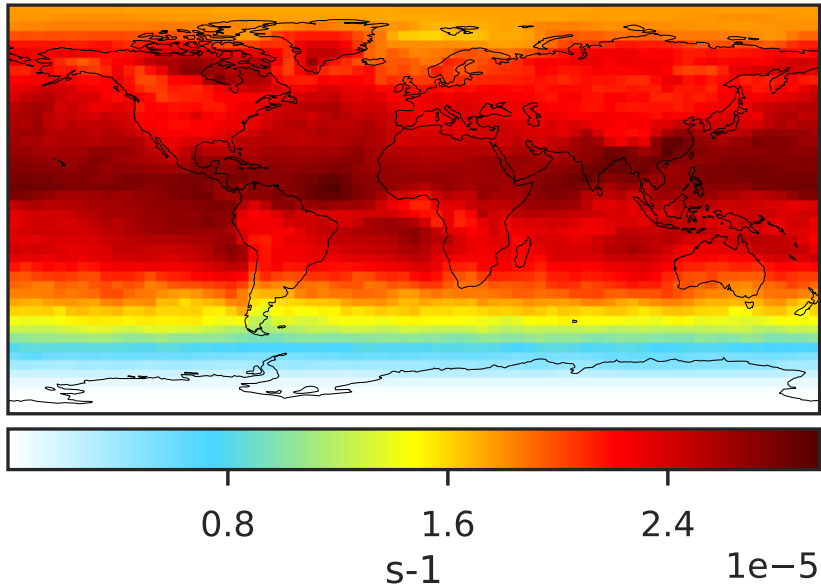


0.50 0.75 1.00 1.50 2.00  
unitless

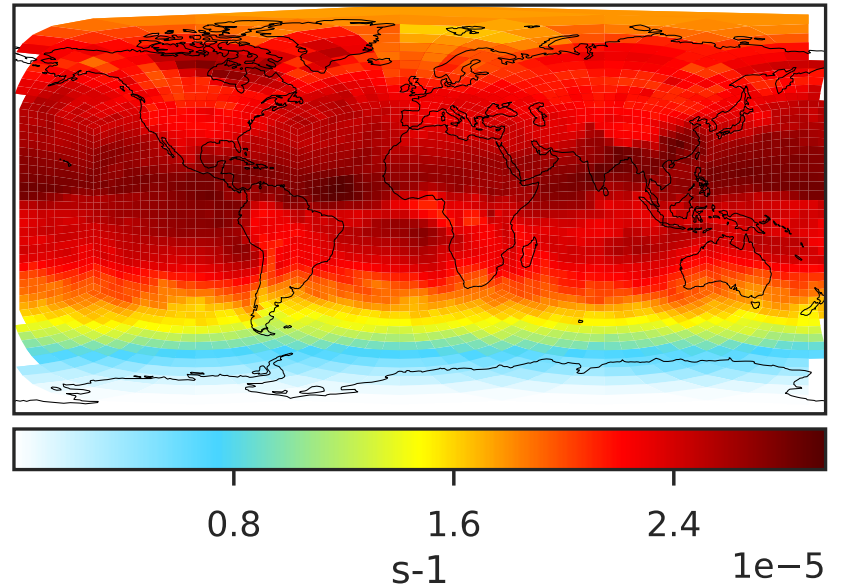


# Jval\_CINO3 (Apr2019)

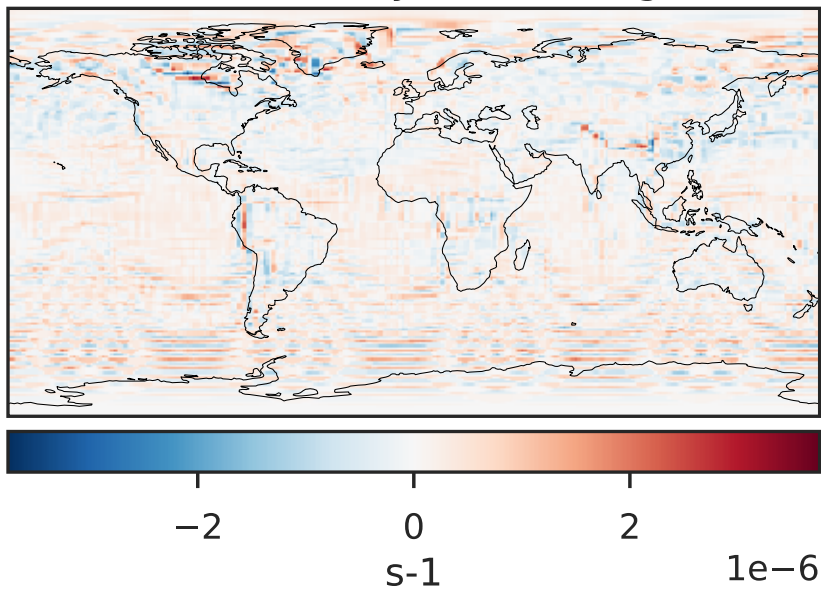
GCC\_14.2.0 (Ref)  
4.0x5.0



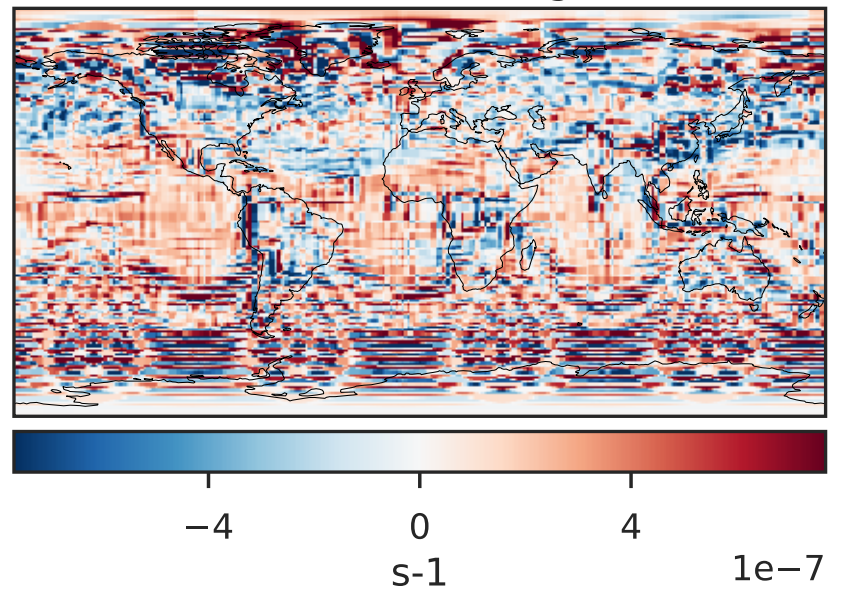
GCHP\_14.2.0 (Dev)  
c24



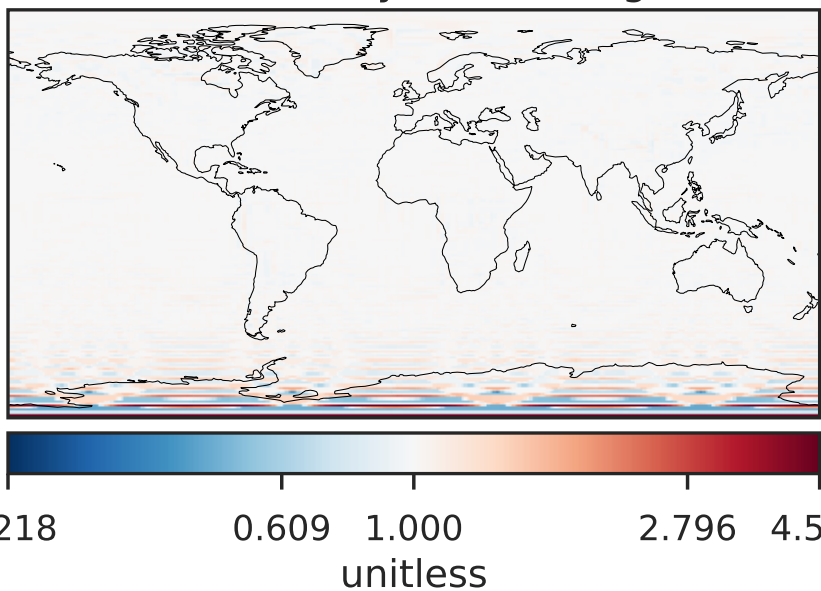
Difference (1x1.25)  
Dev - Ref, Dynamic Range



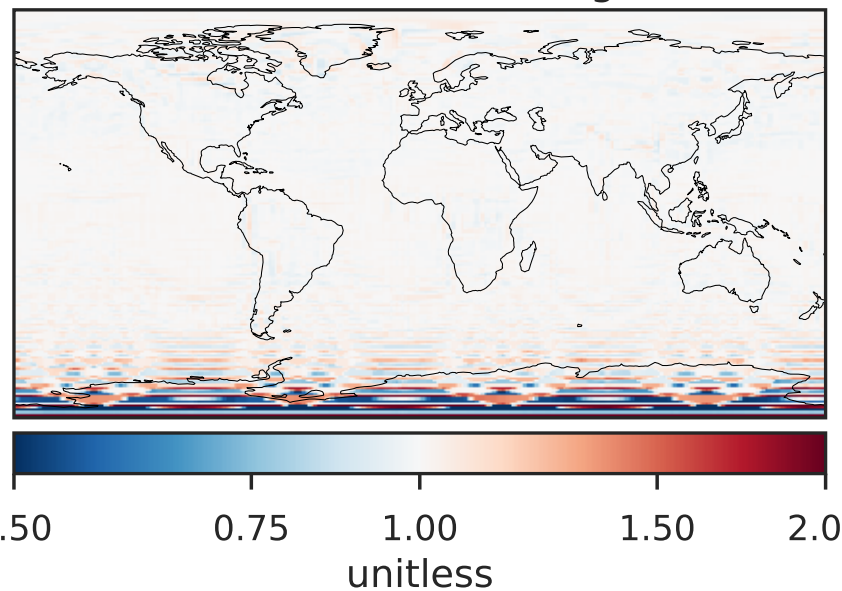
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

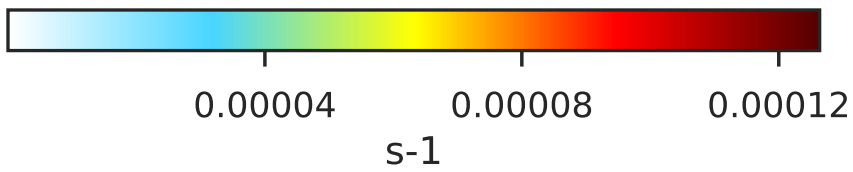
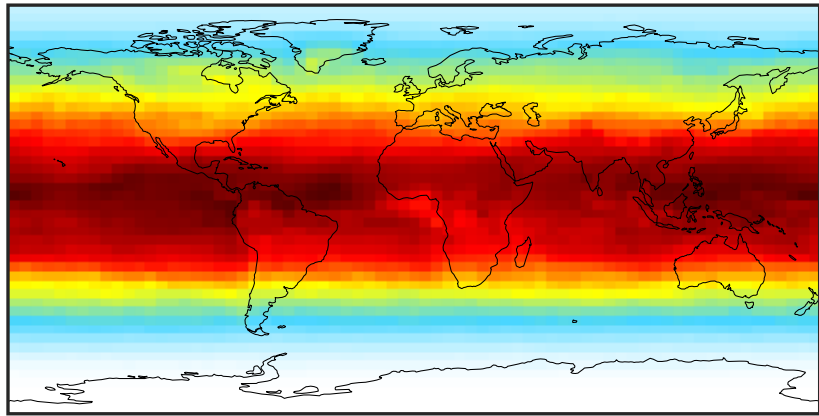


Ratio (1x1.25)  
Dev/Ref, Fixed Range

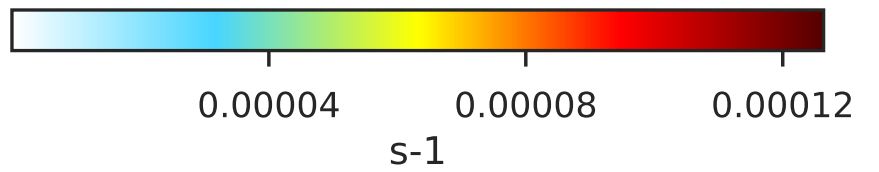
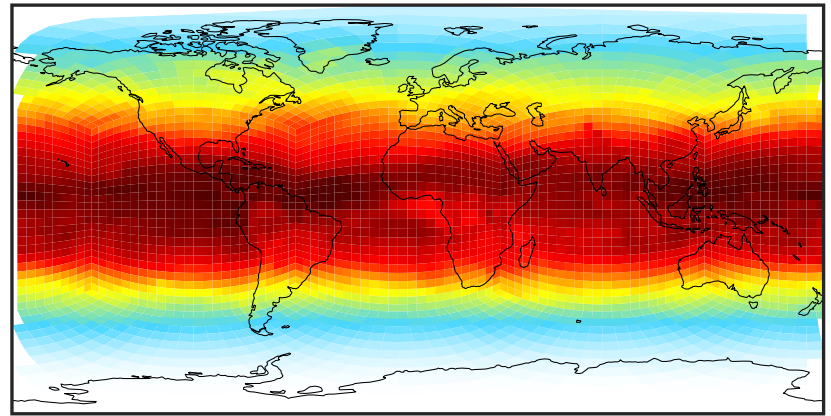


# Jval\_CIO (Apr2019)

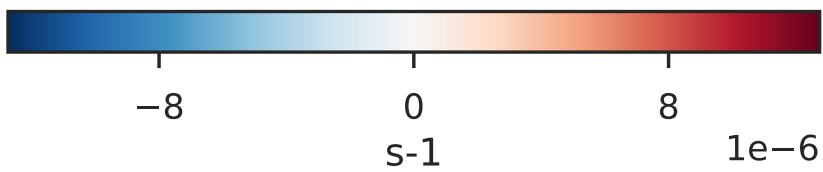
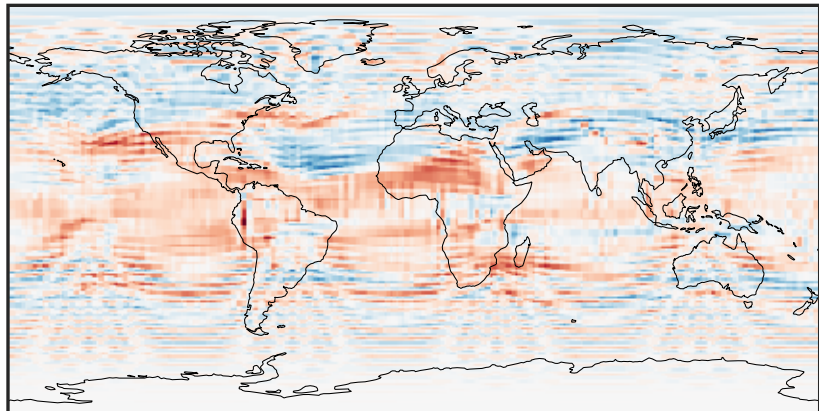
GCC\_14.2.0 (Ref)  
4.0x5.0



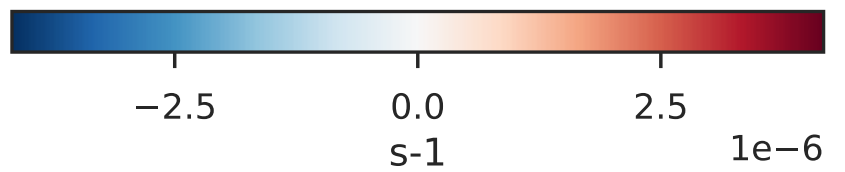
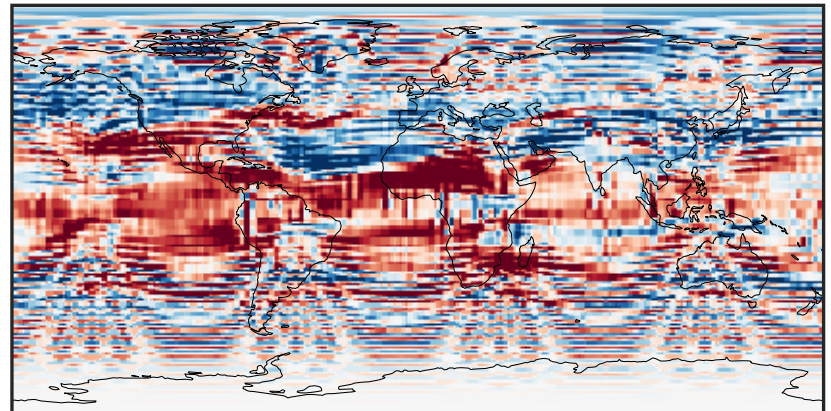
GCHP\_14.2.0 (Dev)  
c24



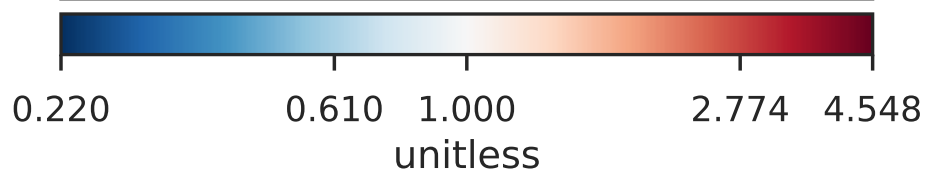
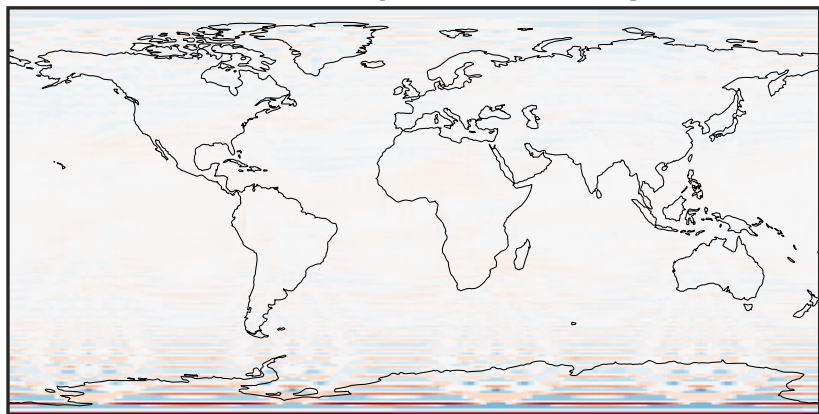
Difference (1x1.25)  
Dev - Ref, Dynamic Range



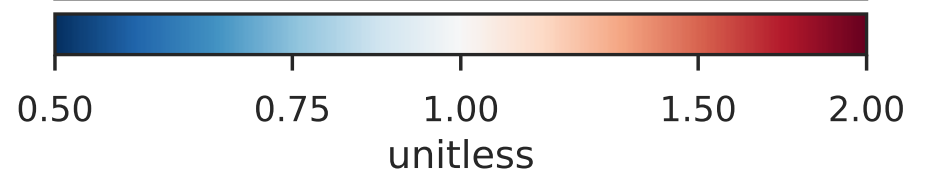
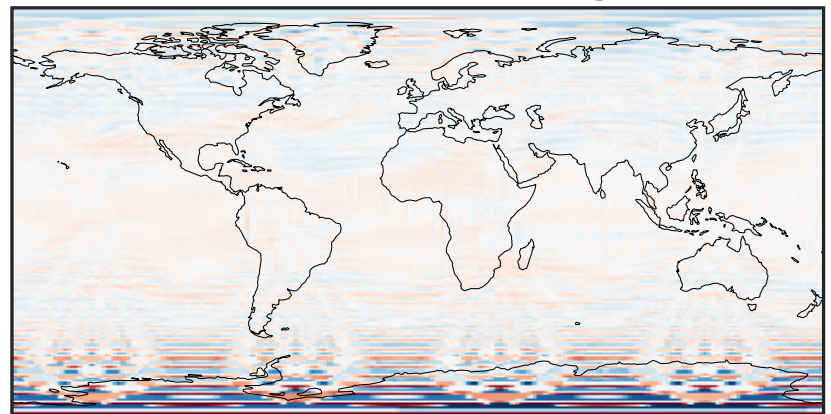
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



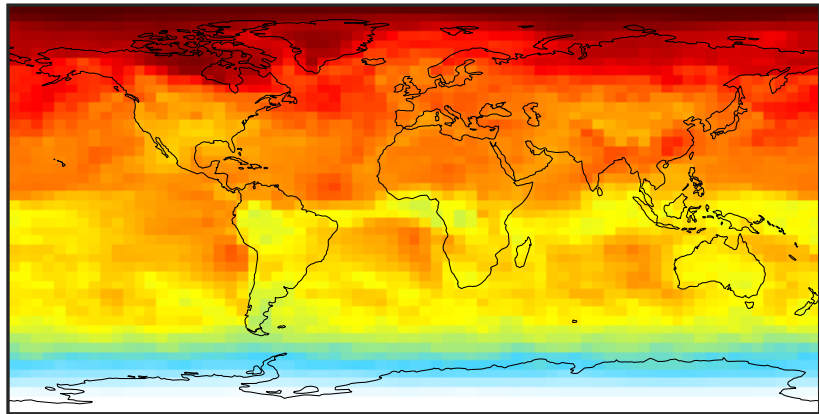
Ratio (1x1.25)  
Dev/Ref, Fixed Range





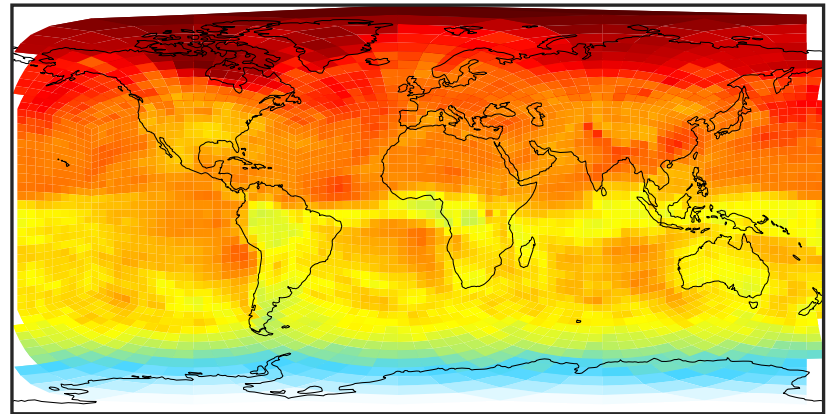
# Jval\_C100 (Apr2019)

GCC\_14.2.0 (Ref)  
4.0x5.0



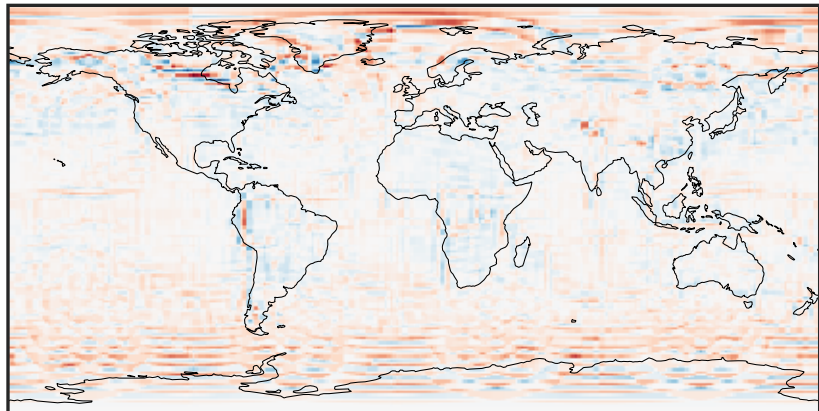
0.0001 0.1113 0.2226 0.3339 0.4453  
s-1

GCHP\_14.2.0 (Dev)  
c24



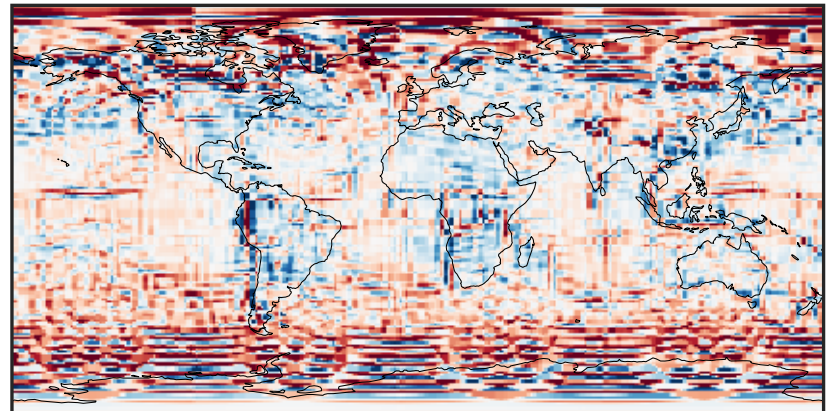
0.0001 0.1113 0.2226 0.3339 0.4453  
s-1

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



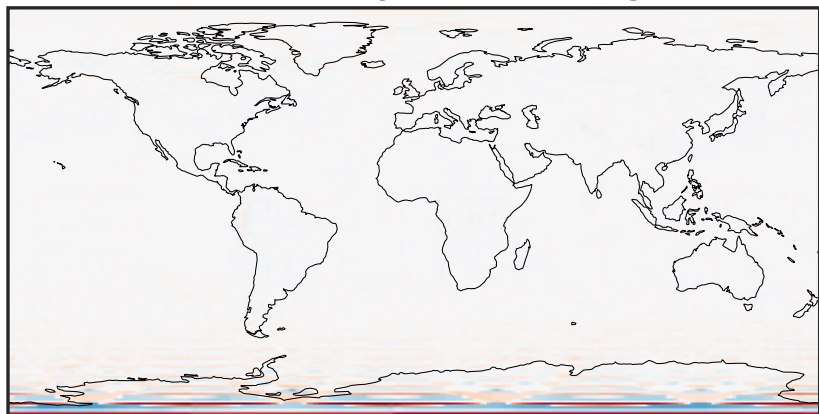
-0.0587 -0.0293 0.0000 0.0293 0.0587  
s-1

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



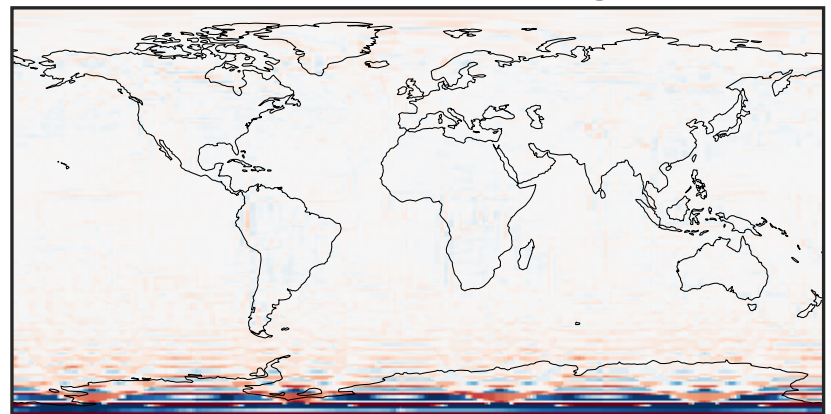
-0.008 0.000 0.008  
s-1

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



0.111 0.555 1.000 5.005 9.011  
unitless

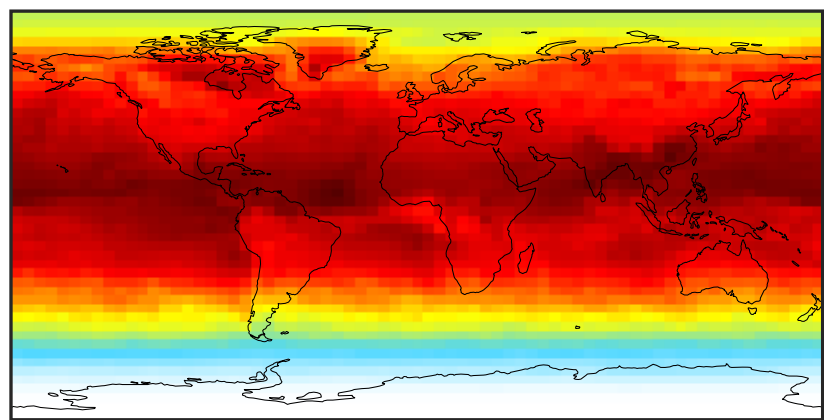
Ratio (1x1.25)  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

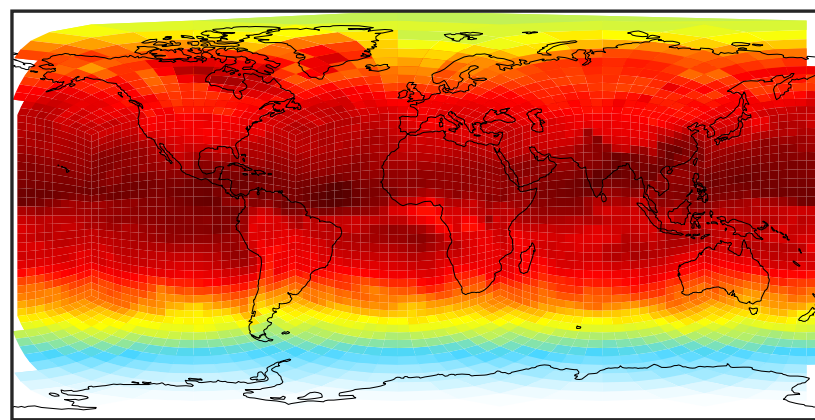
# Jval\_ETHLN (Apr2019)

GCC\_14.2.0 (Ref)  
4.0x5.0



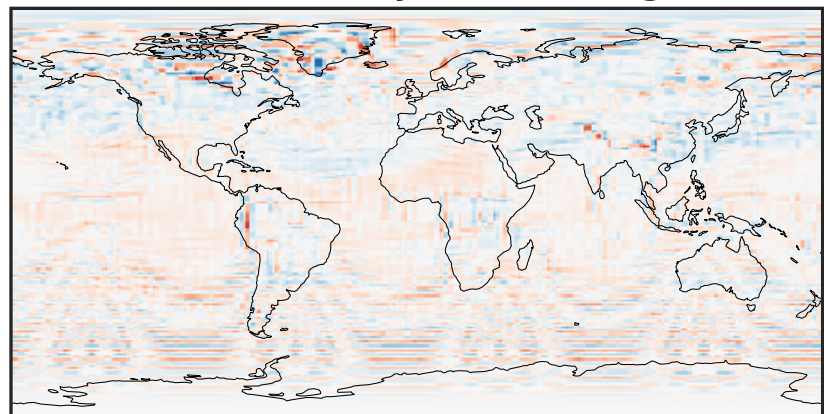
2.5 5.0 7.5  
s-1  $1e-5$

GCHP\_14.2.0 (Dev)  
c24



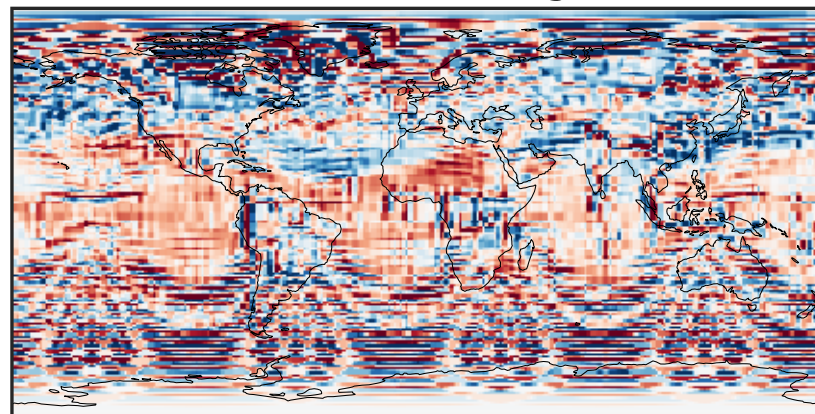
2.5 5.0 7.5  
s-1  $1e-5$

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



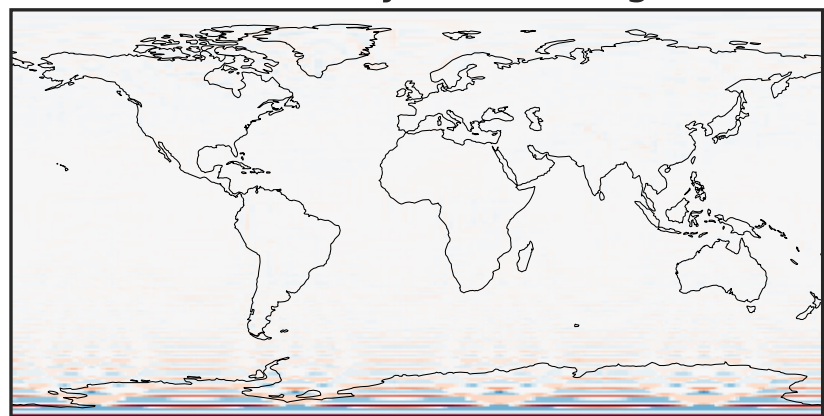
-6 0 6  
s-1  $1e-6$

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



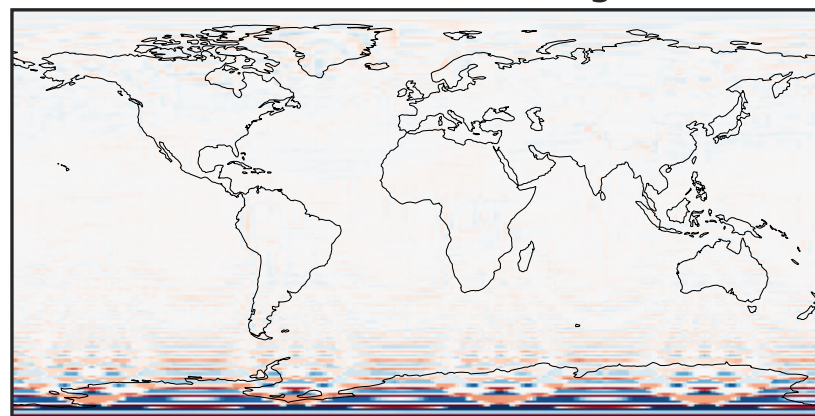
-1.5 0.0 1.5  
s-1  $1e-6$

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



0.228 0.614 1.000 2.693 4.385  
unitless

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

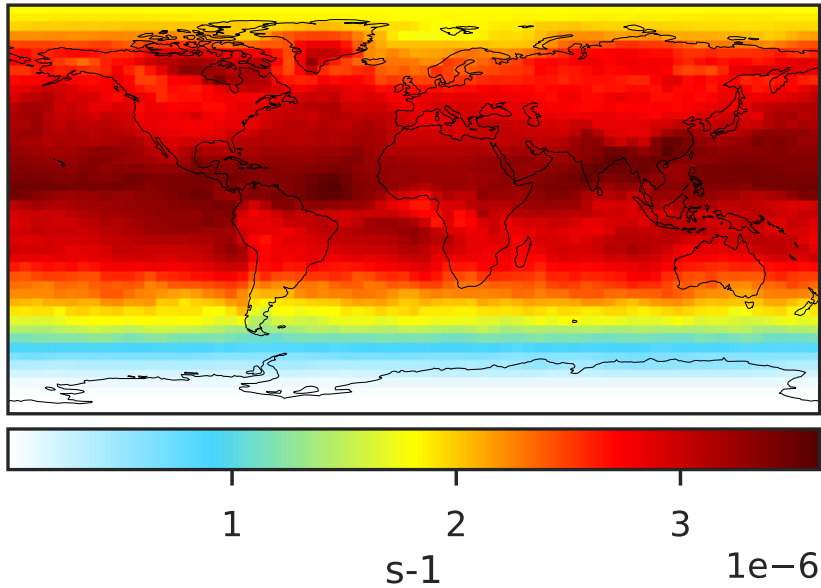


0.50 0.75 1.00 1.50 2.00  
unitless

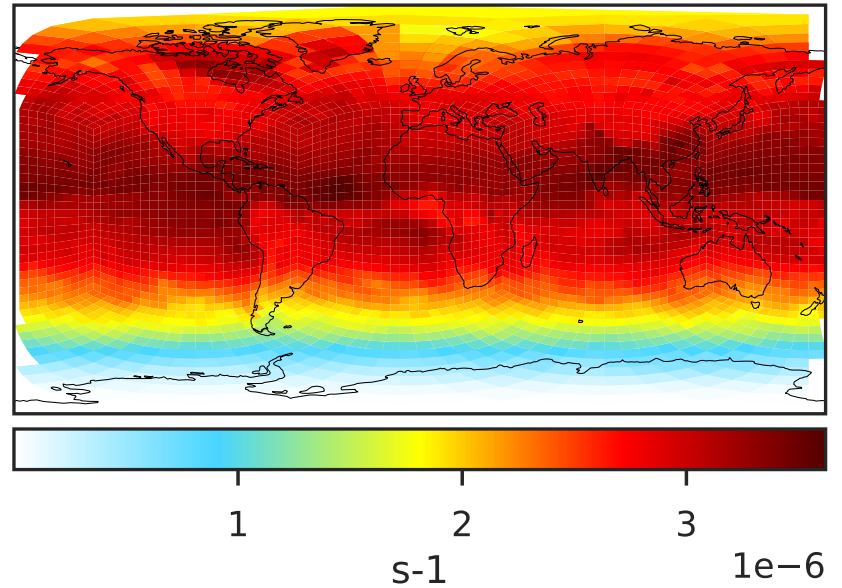


# Jval\_ETHP (Apr2019)

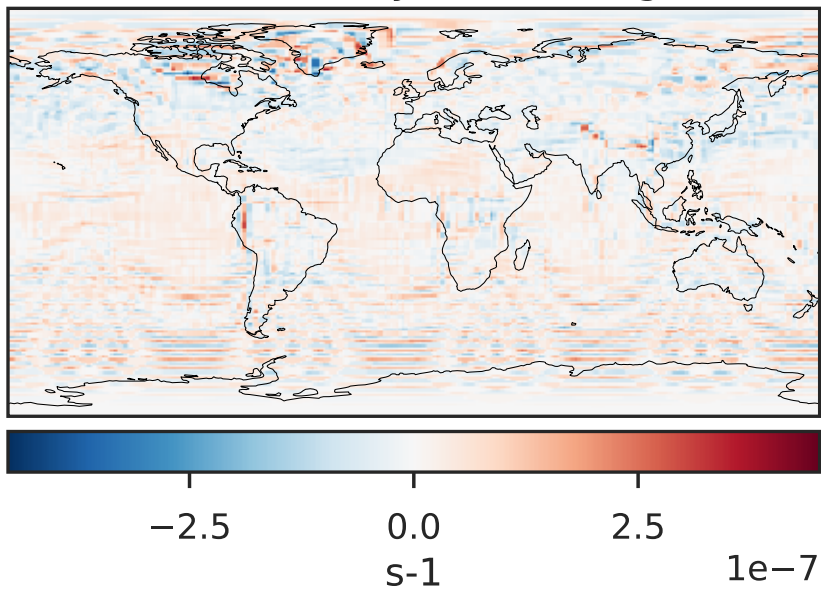
GCC\_14.2.0 (Ref)  
4.0x5.0



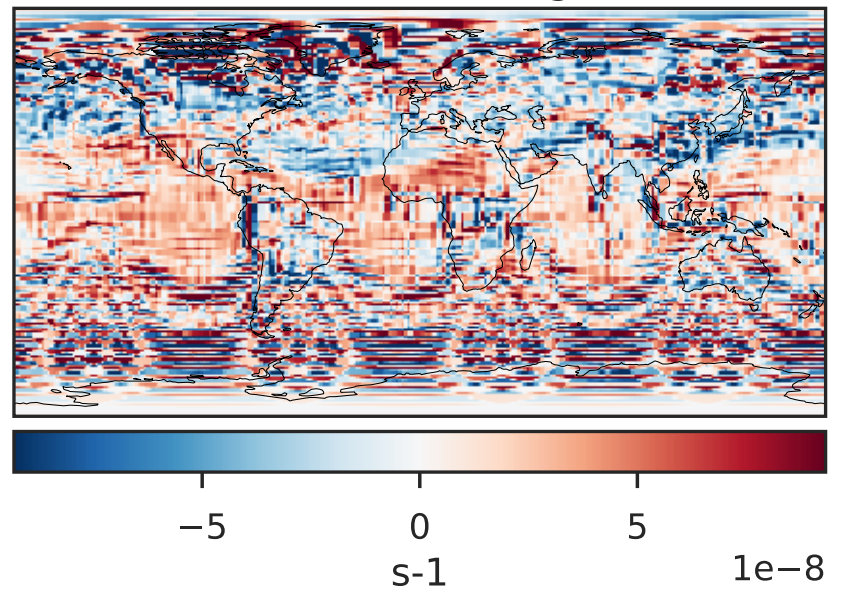
GCHP\_14.2.0 (Dev)  
c24



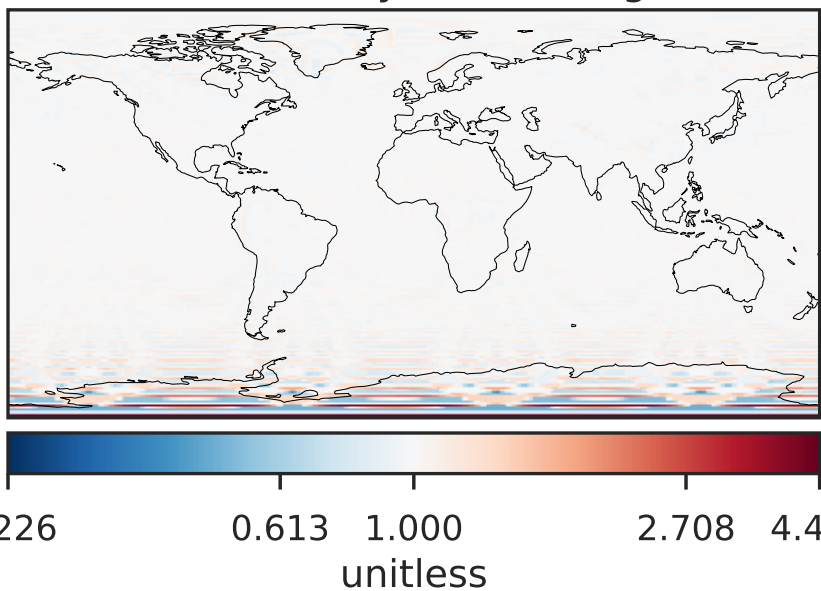
Difference (1x1.25)  
Dev - Ref, Dynamic Range



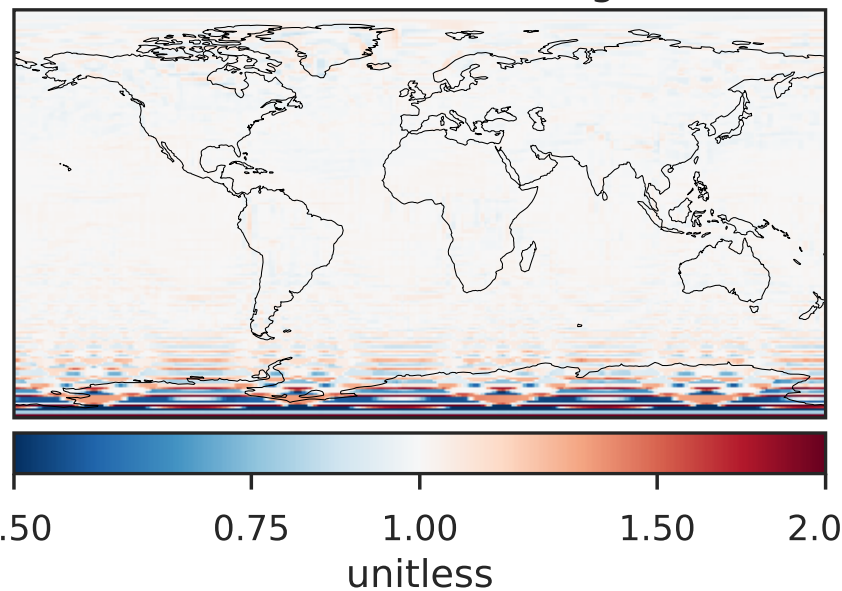
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

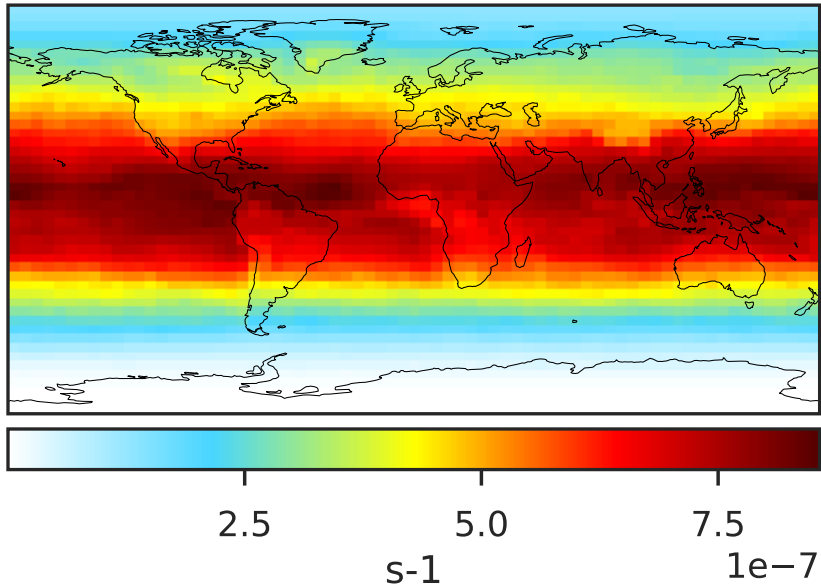


Ratio (1x1.25)  
Dev/Ref, Fixed Range

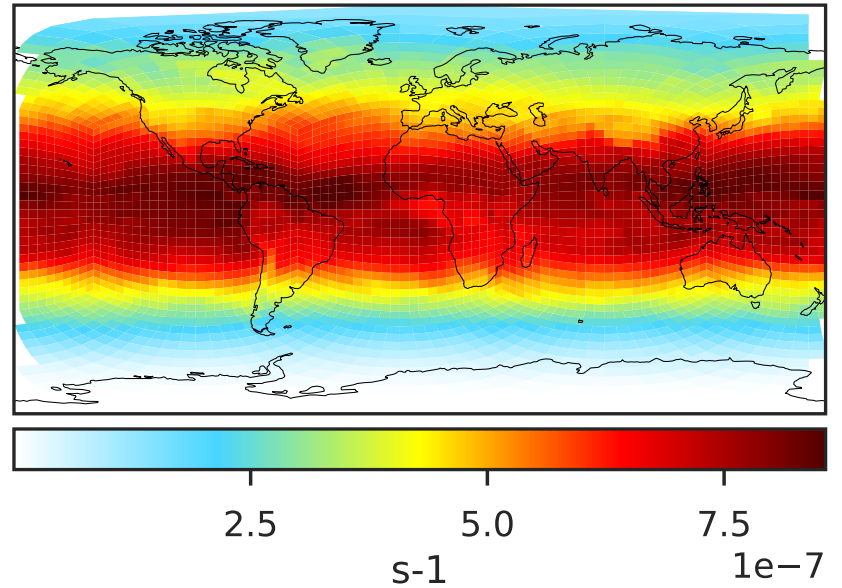


# Jval\_ETNO3 (Apr2019)

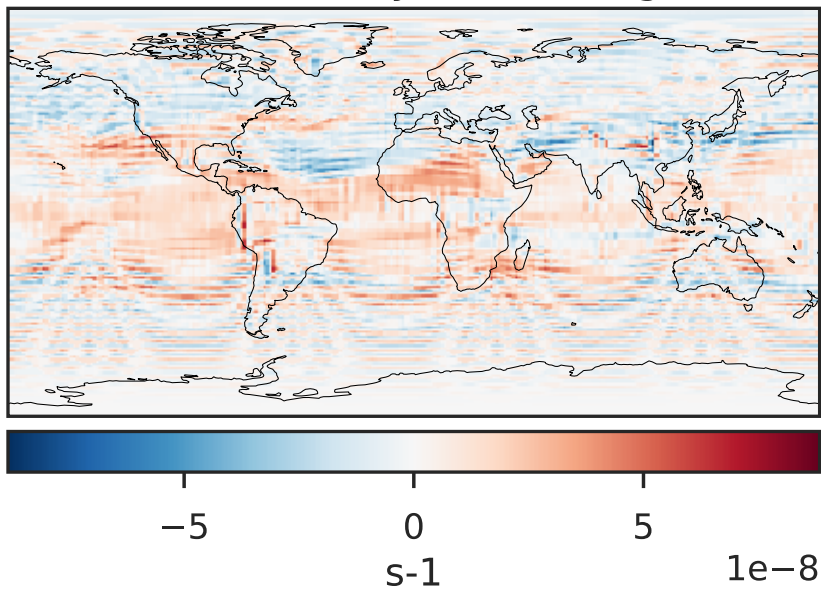
GCC\_14.2.0 (Ref)  
4.0x5.0



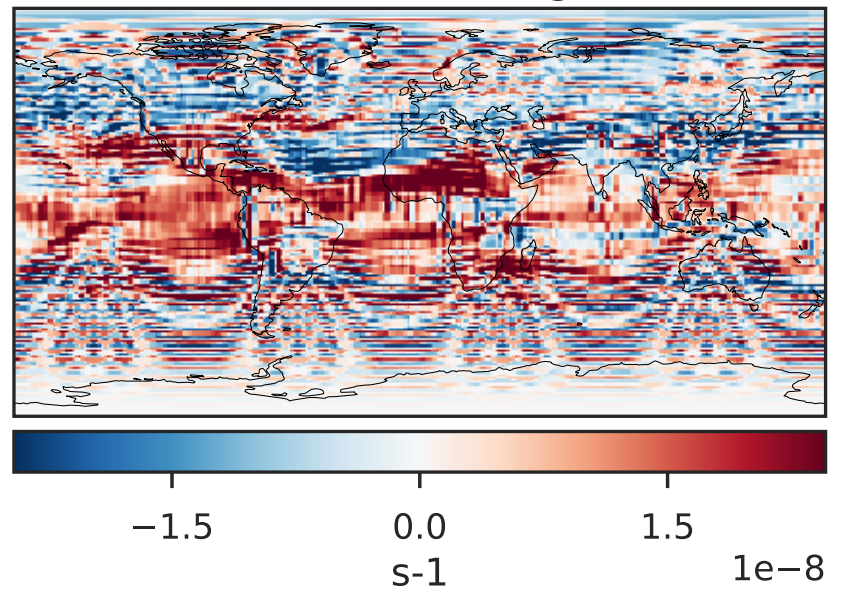
GCHP\_14.2.0 (Dev)  
c24



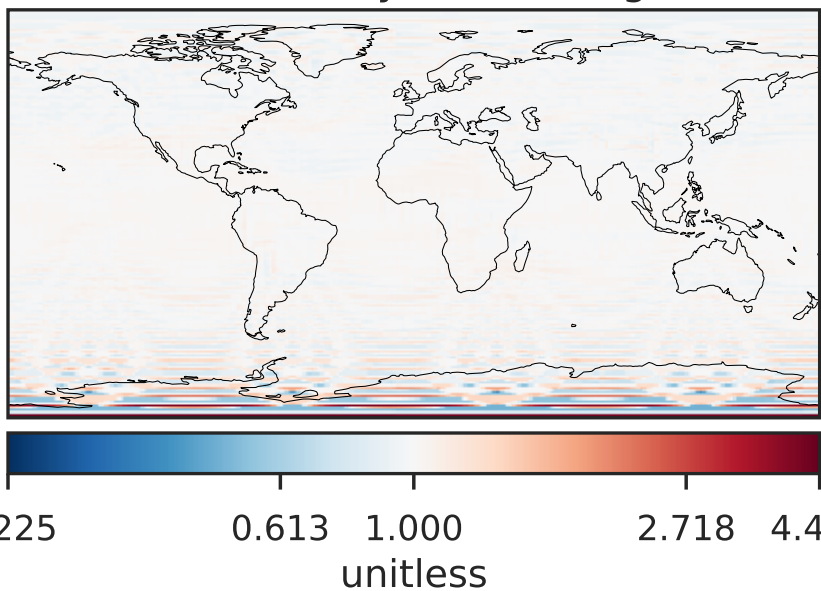
Difference (1x1.25)  
Dev - Ref, Dynamic Range



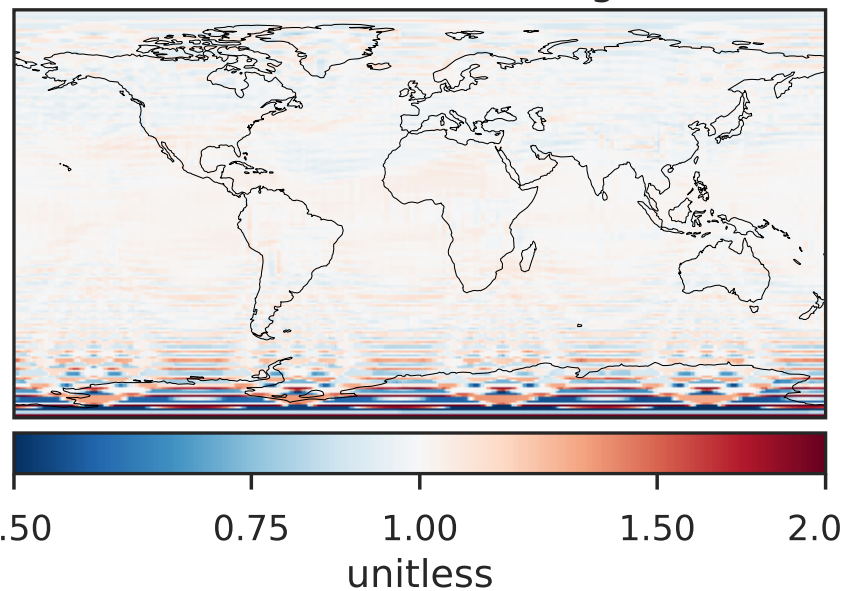
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



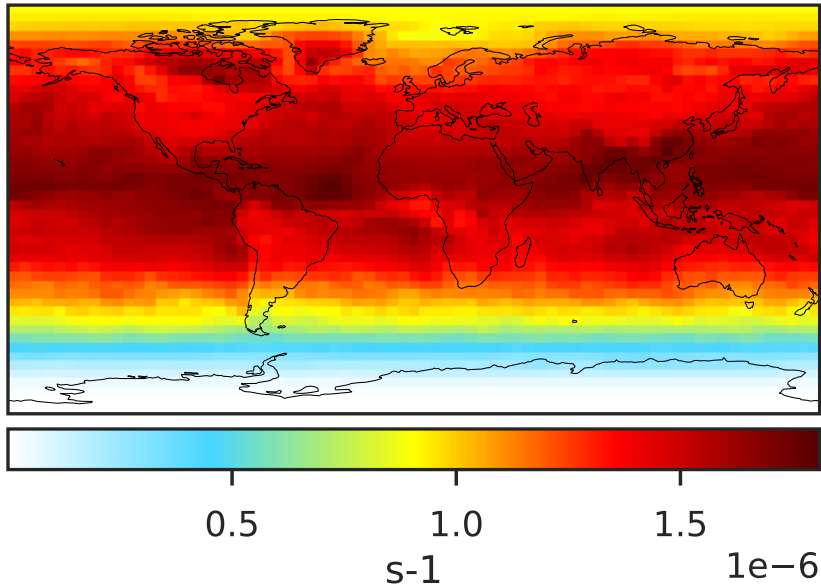
Ratio (1x1.25)  
Dev/Ref, Fixed Range



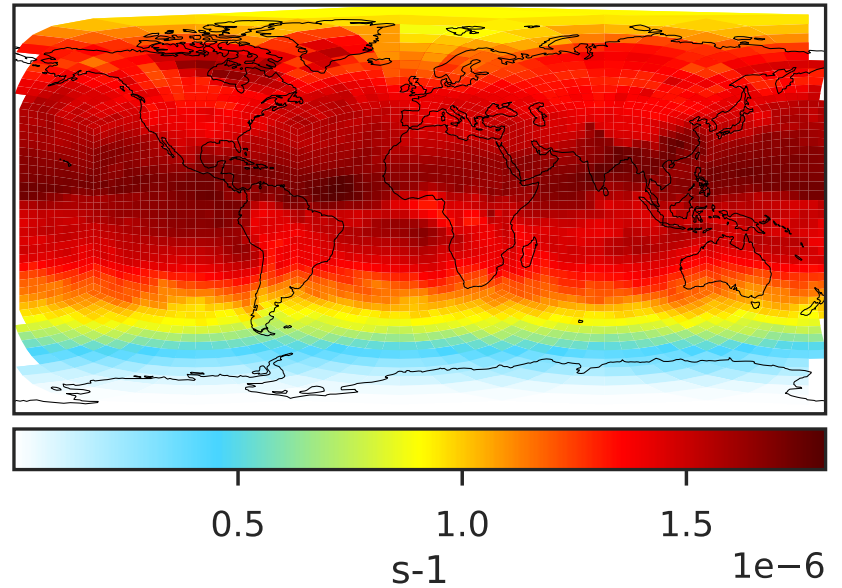


# Jval\_ETP (Apr2019)

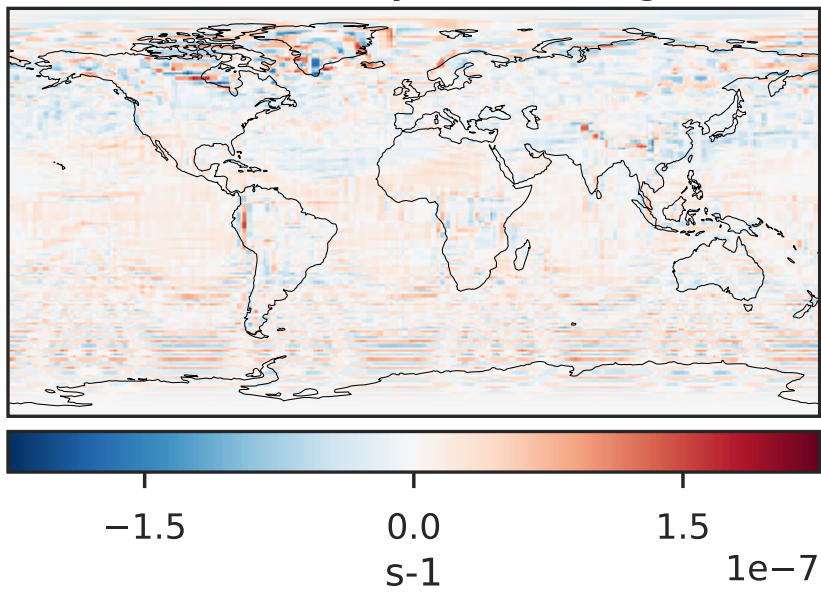
GCC\_14.2.0 (Ref)  
4.0x5.0



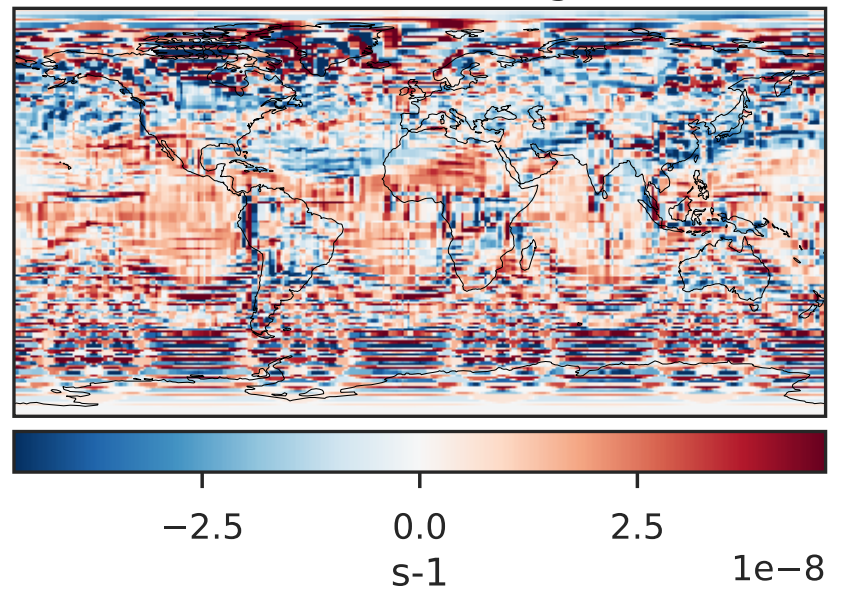
GCHP\_14.2.0 (Dev)  
c24



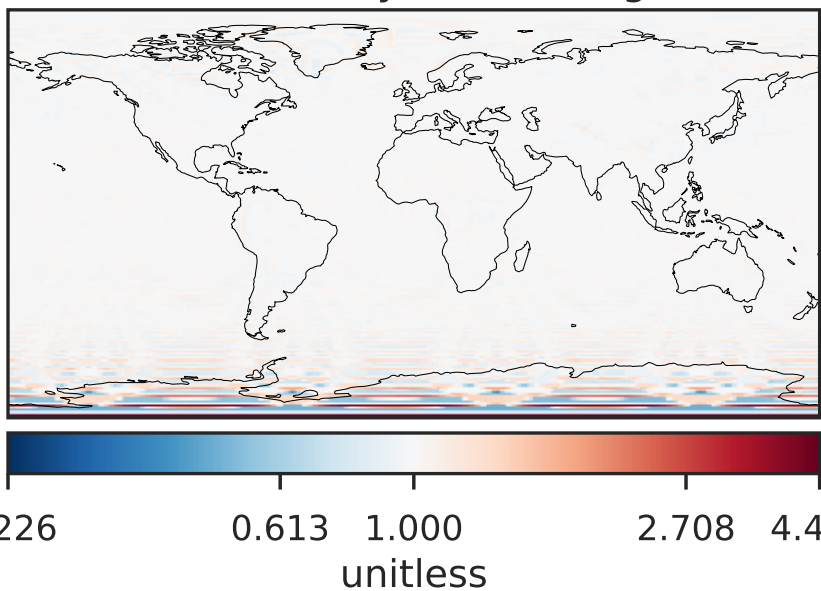
Difference (1x1.25)  
Dev - Ref, Dynamic Range



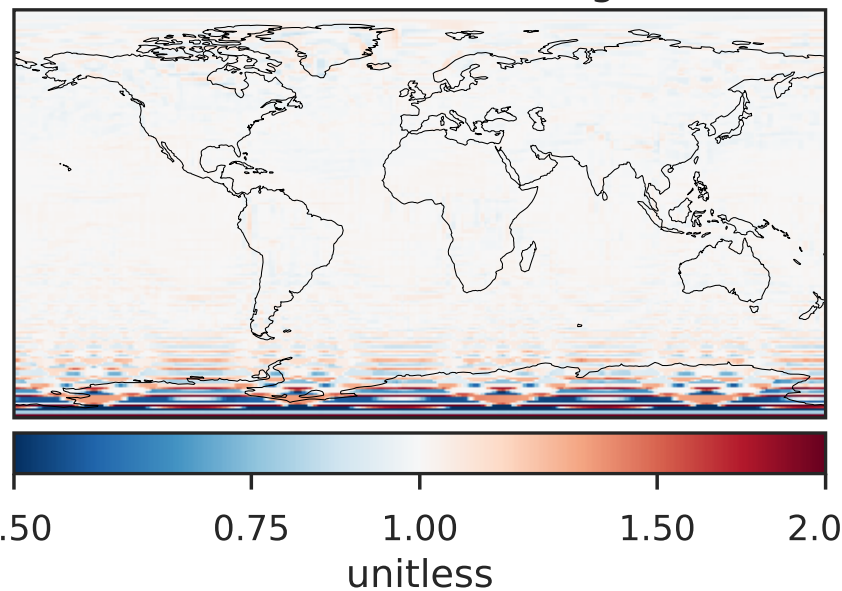
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

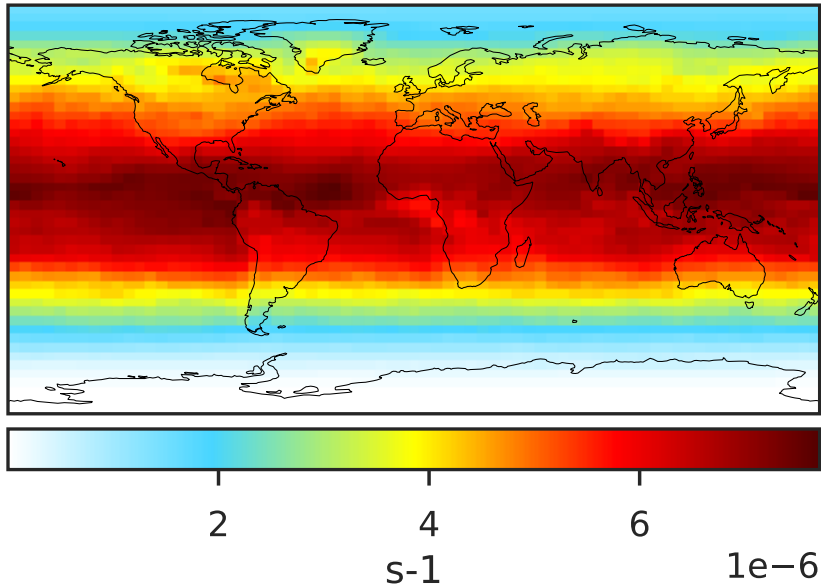


Ratio (1x1.25)  
Dev/Ref, Fixed Range

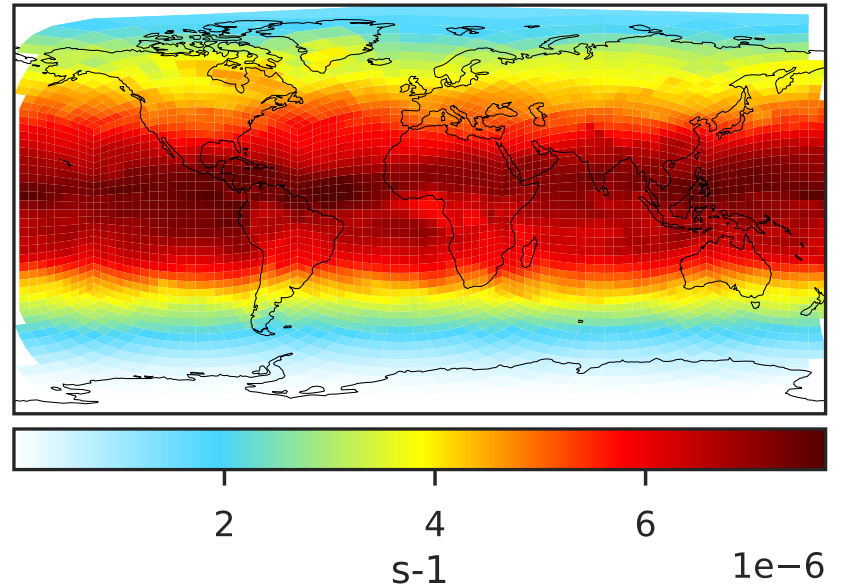


# Jval\_GLYC (Apr2019)

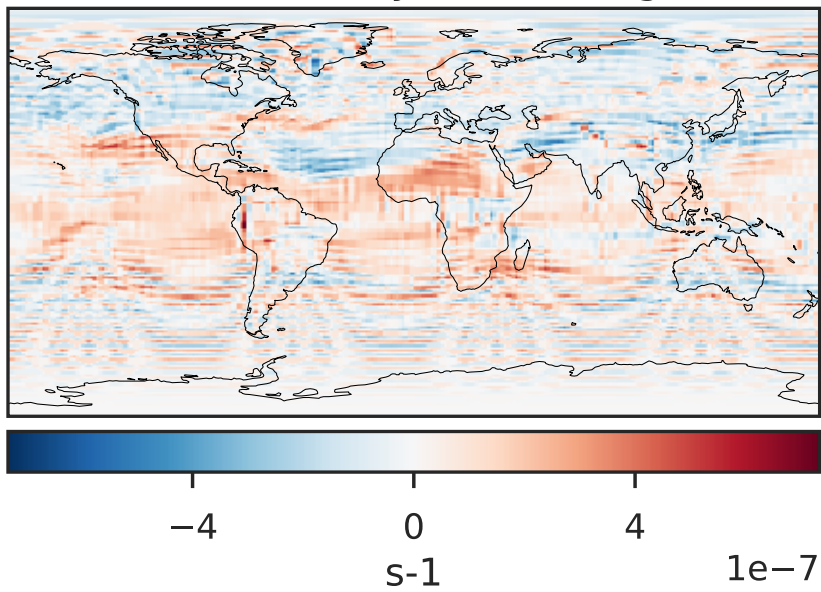
GCC\_14.2.0 (Ref)  
4.0x5.0



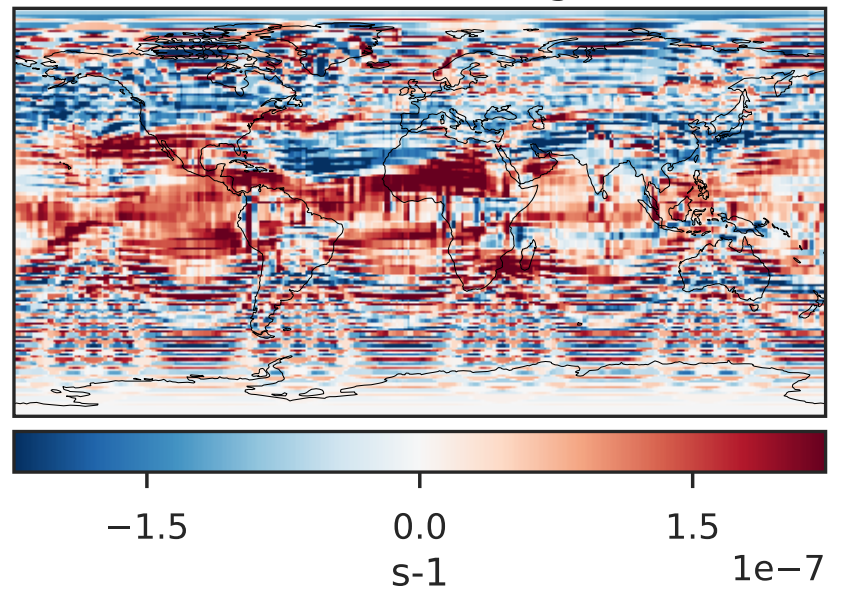
GCHP\_14.2.0 (Dev)  
c24



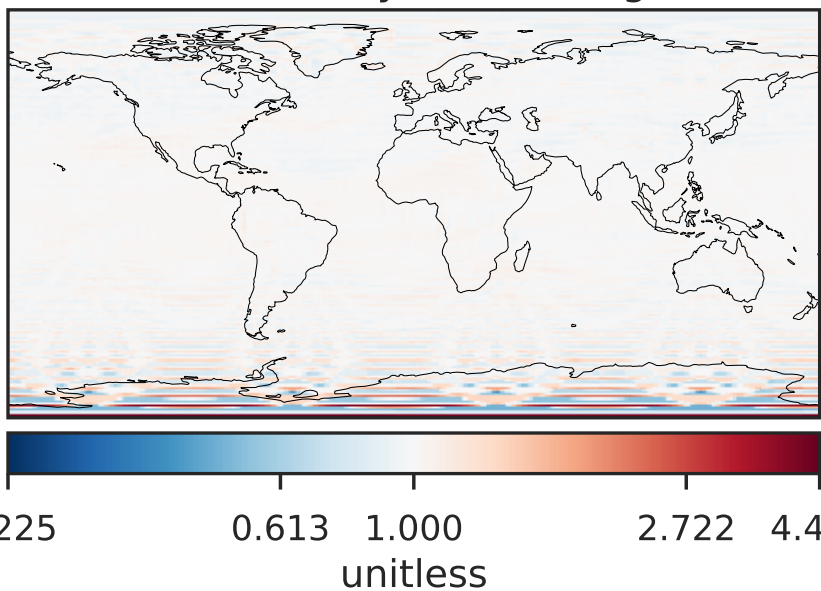
Difference (1x1.25)  
Dev - Ref, Dynamic Range



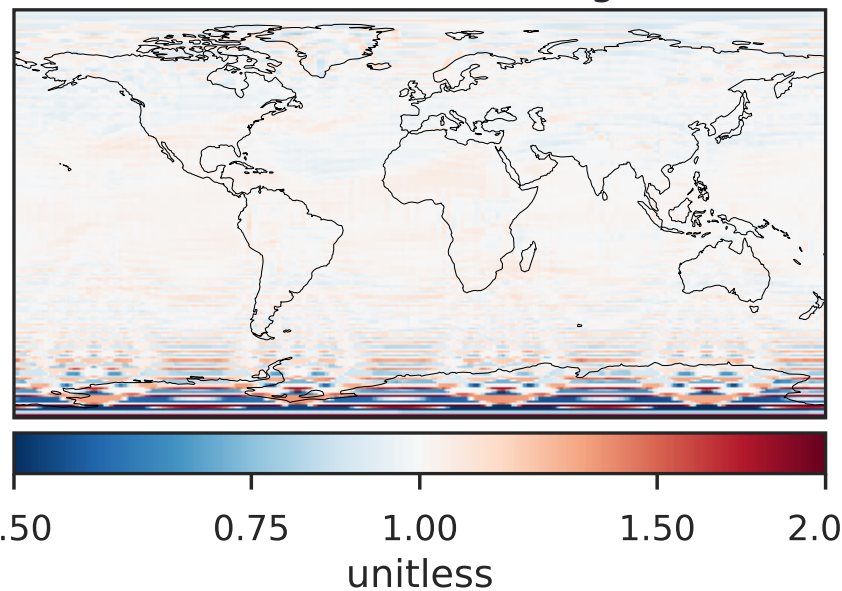
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



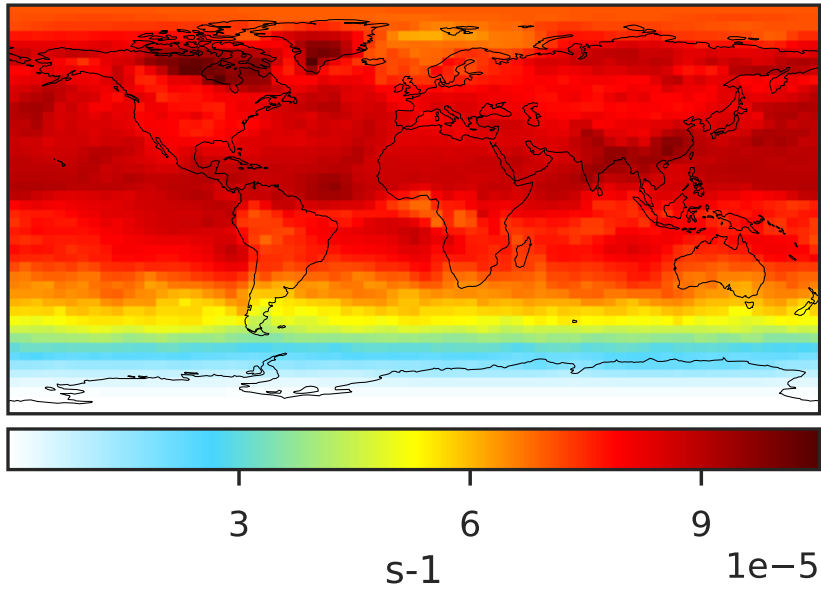
Ratio (1x1.25)  
Dev/Ref, Fixed Range



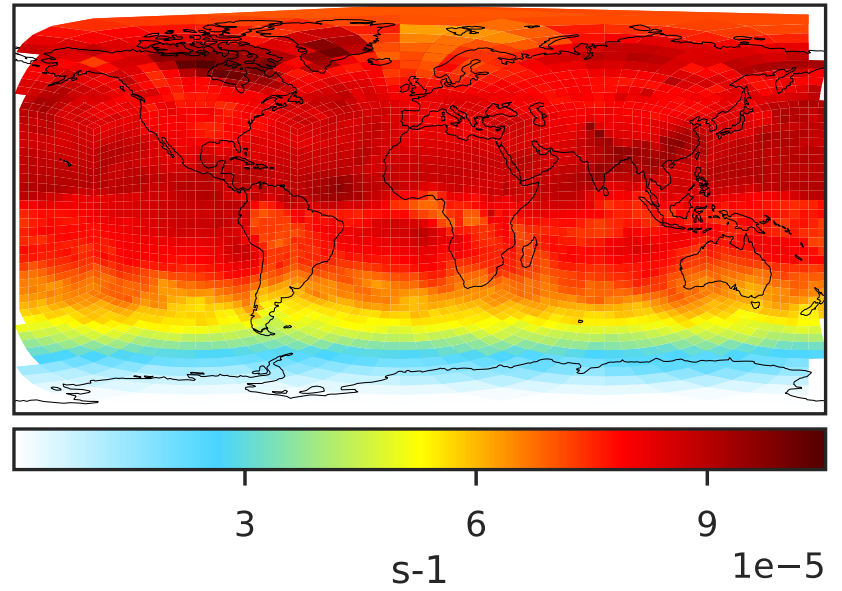


# Jval\_GLYX (Apr2019)

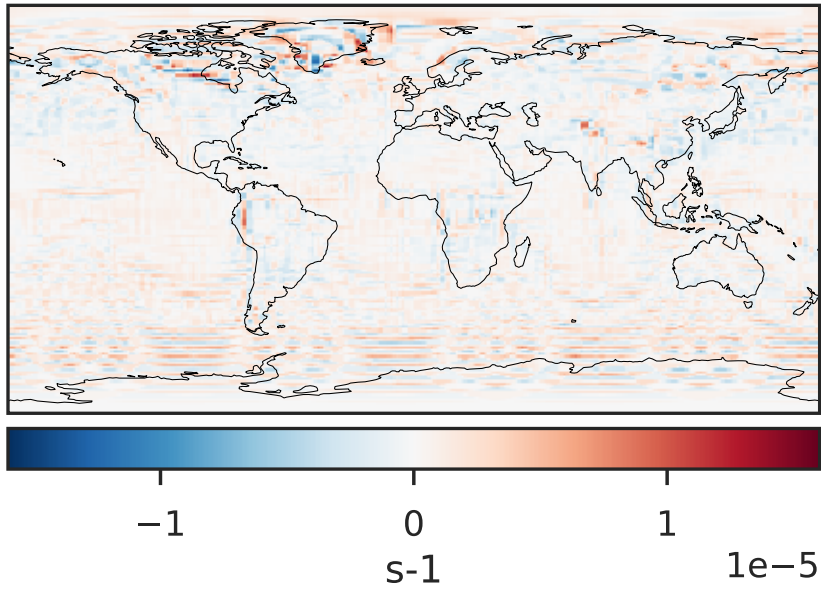
GCC\_14.2.0 (Ref)  
4.0x5.0



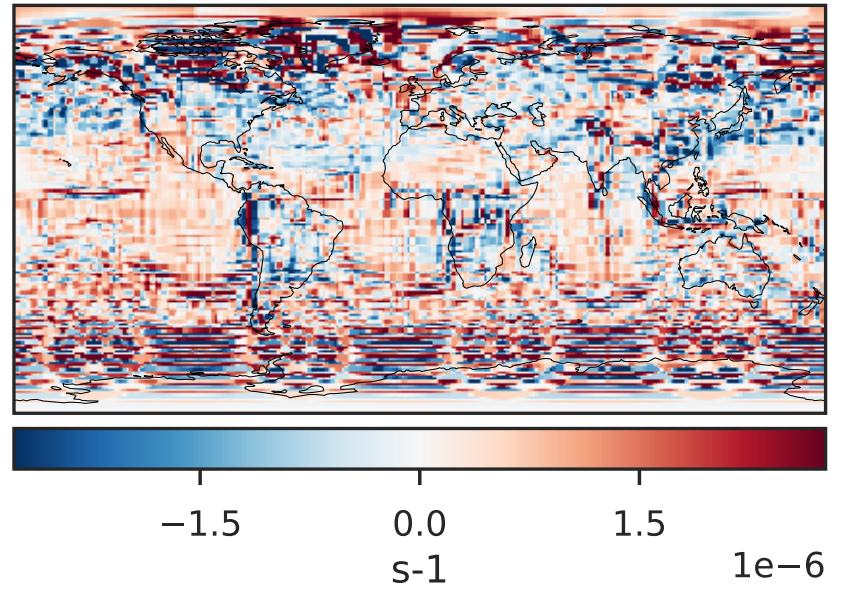
GCHP\_14.2.0 (Dev)  
c24



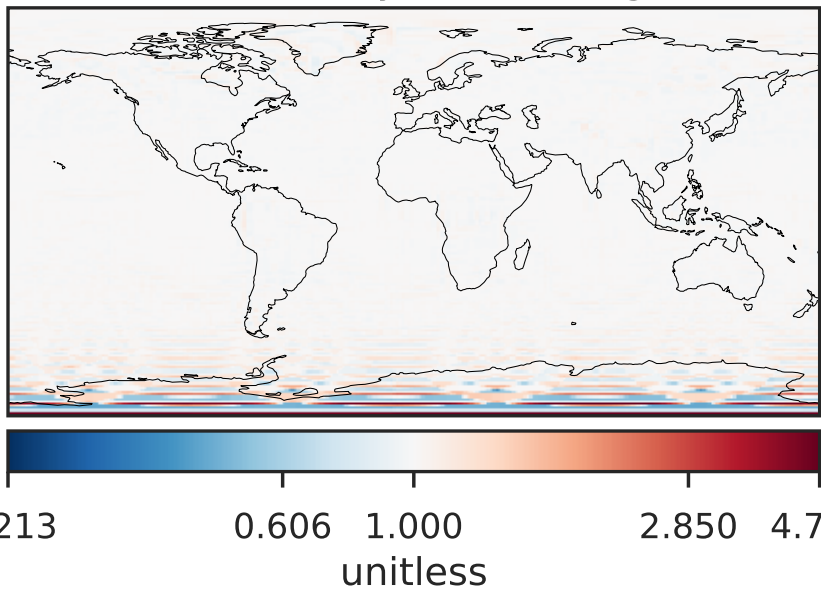
Difference (1x1.25)  
Dev - Ref, Dynamic Range



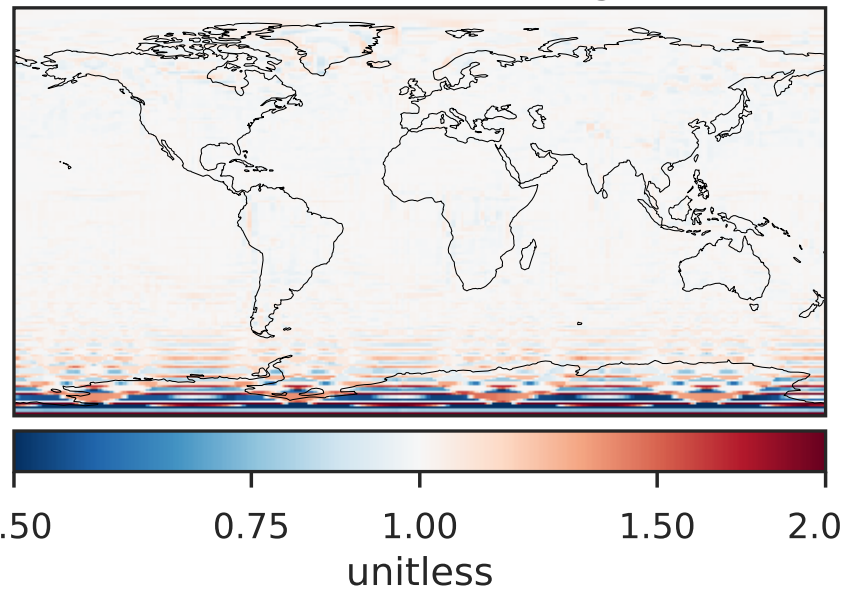
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

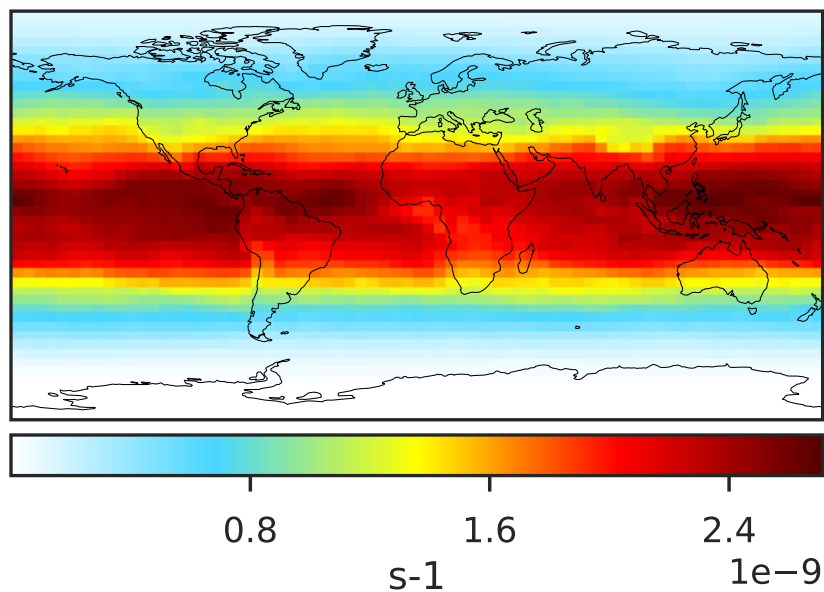


Ratio (1x1.25)  
Dev/Ref, Fixed Range

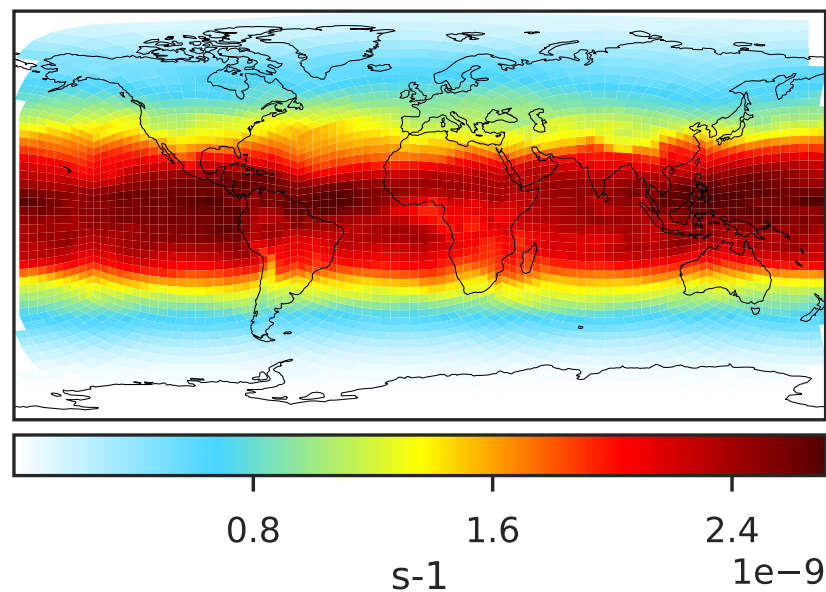


# Jval\_H1211 (Apr2019)

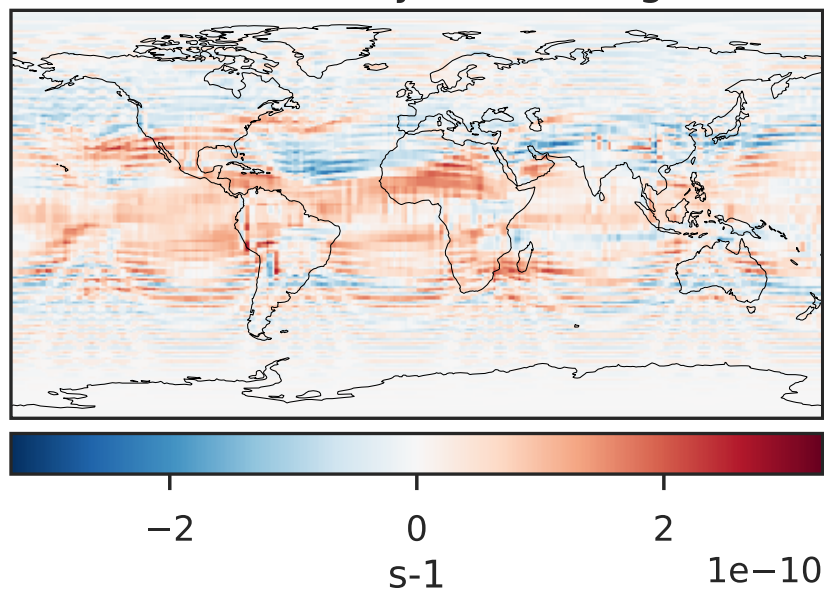
GCC\_14.2.0 (Ref)  
4.0x5.0



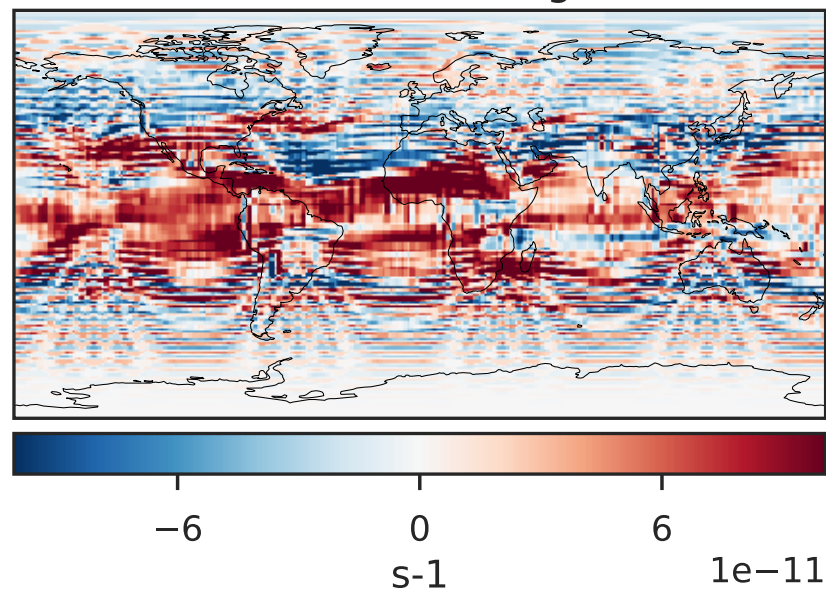
GCHP\_14.2.0 (Dev)  
c24



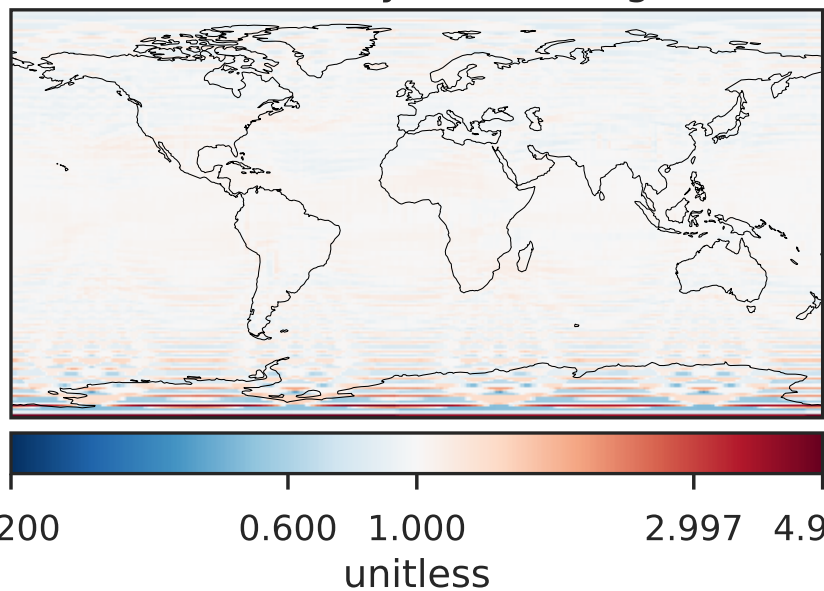
Difference (1x1.25)  
Dev - Ref, Dynamic Range



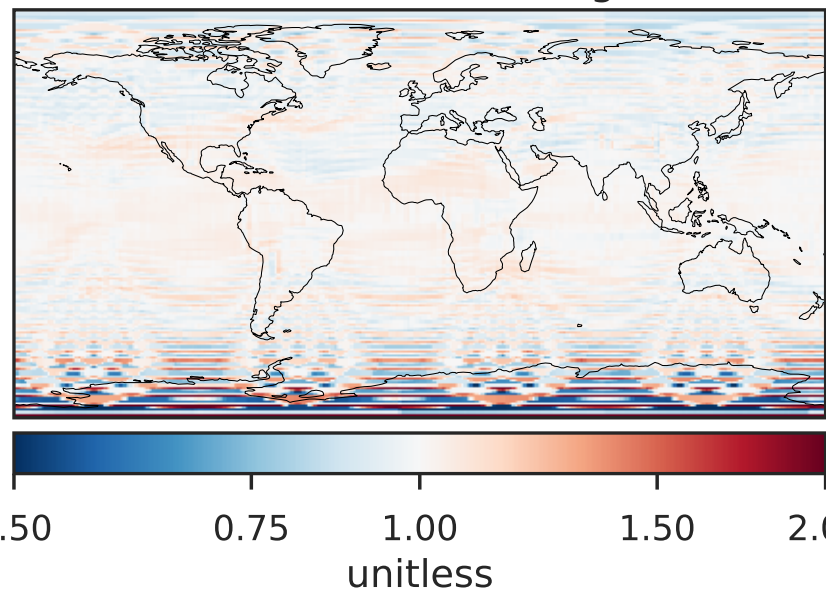
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



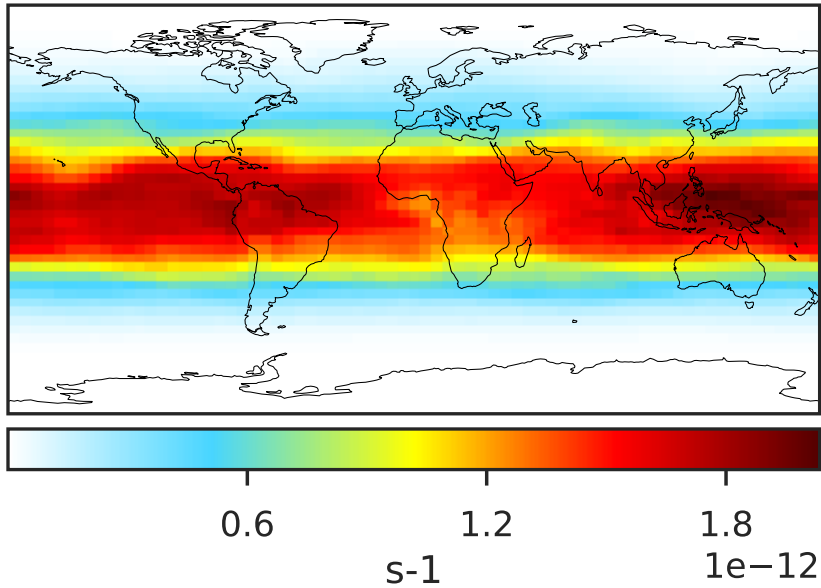
Ratio (1x1.25)  
Dev/Ref, Fixed Range



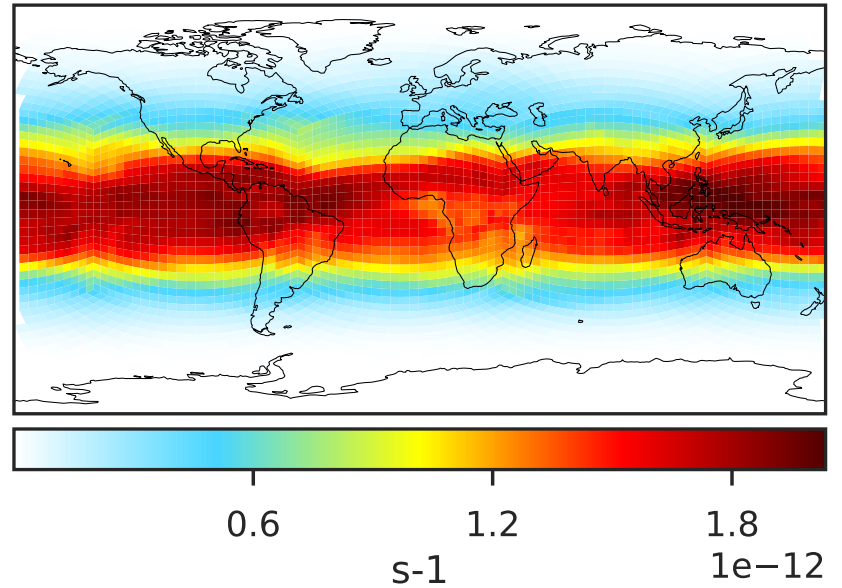


# Jval\_H1301 (Apr2019)

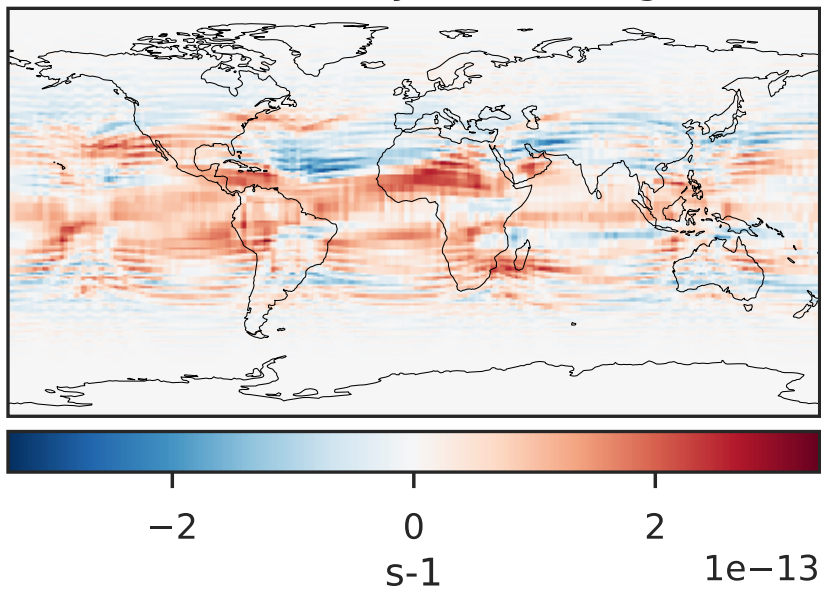
GCC\_14.2.0 (Ref)  
4.0x5.0



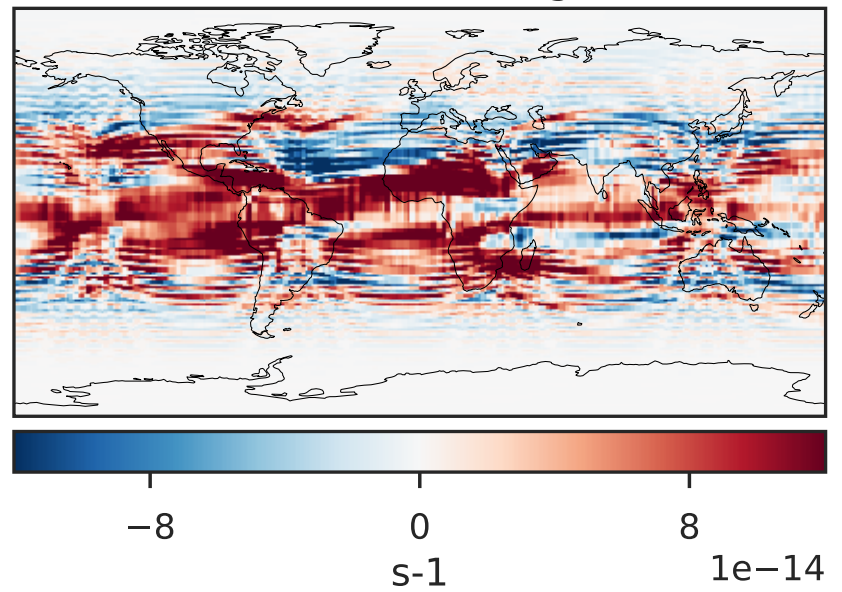
GCHP\_14.2.0 (Dev)  
c24



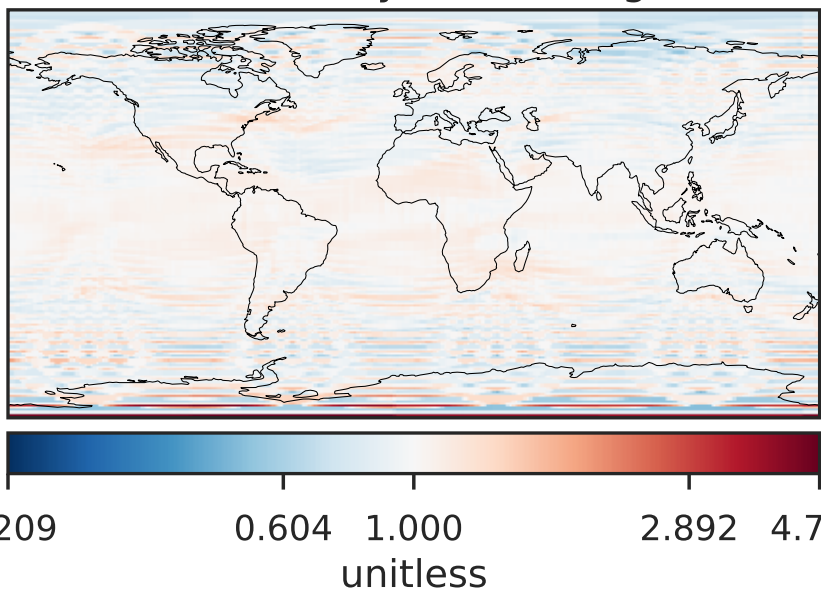
Difference (1x1.25)  
Dev - Ref, Dynamic Range



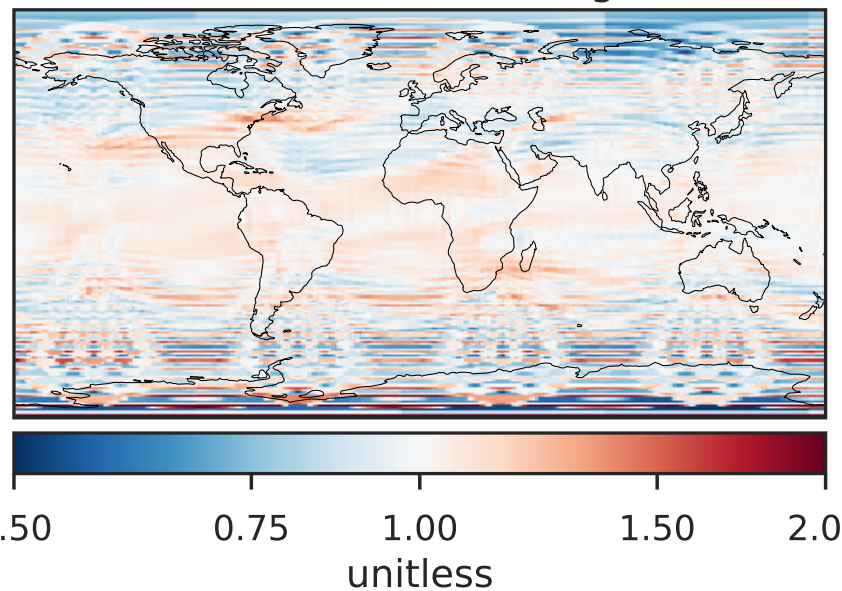
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

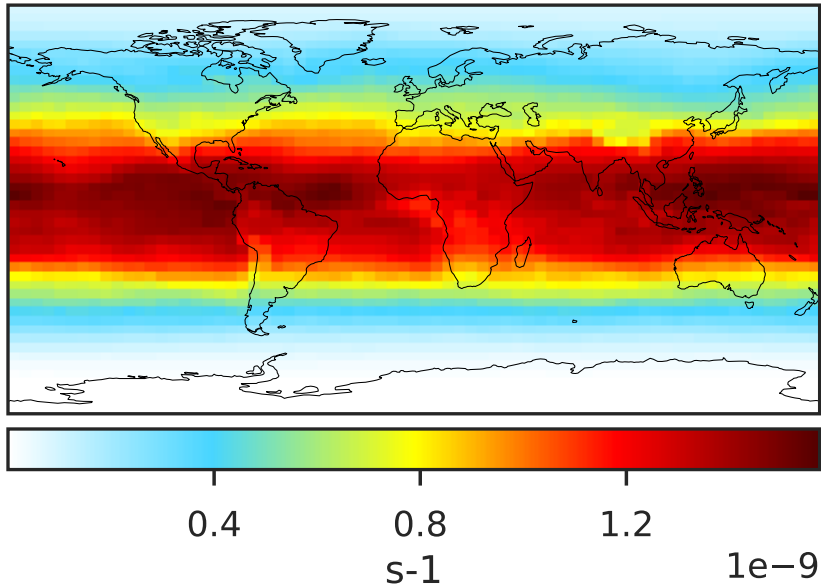


Ratio (1x1.25)  
Dev/Ref, Fixed Range

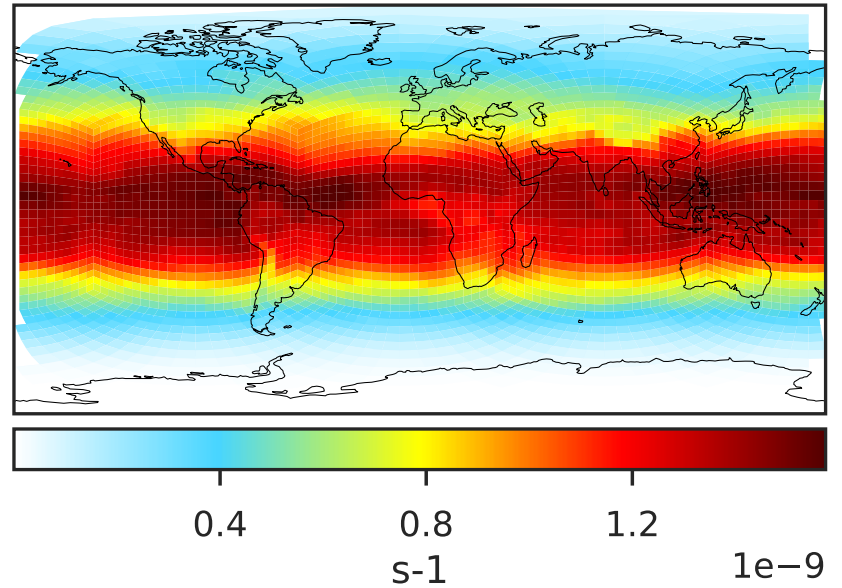


# Jval\_H2402 (Apr2019)

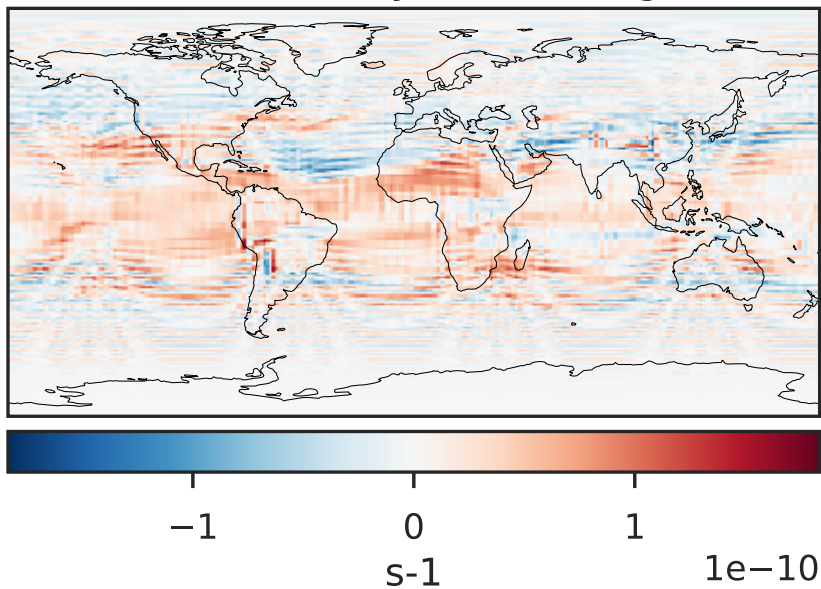
GCC\_14.2.0 (Ref)  
4.0x5.0



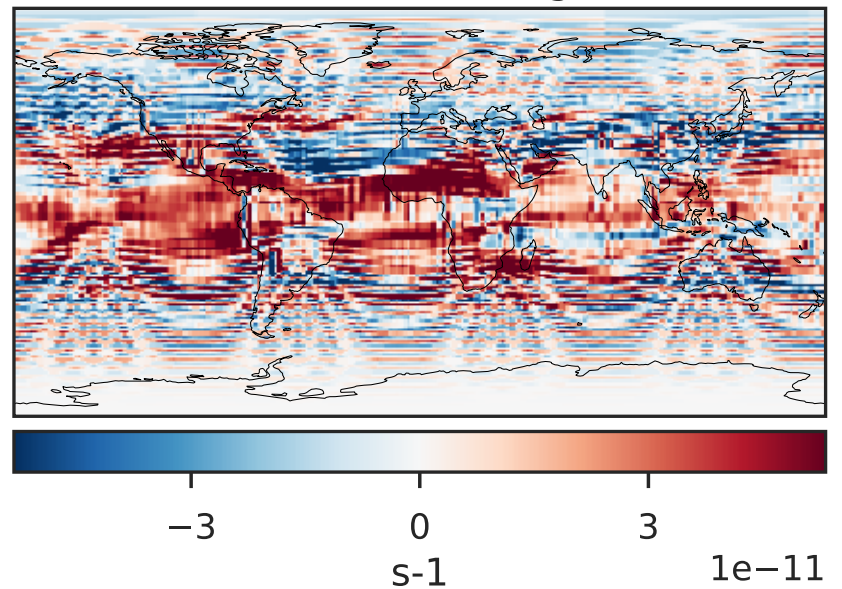
GCHP\_14.2.0 (Dev)  
c24



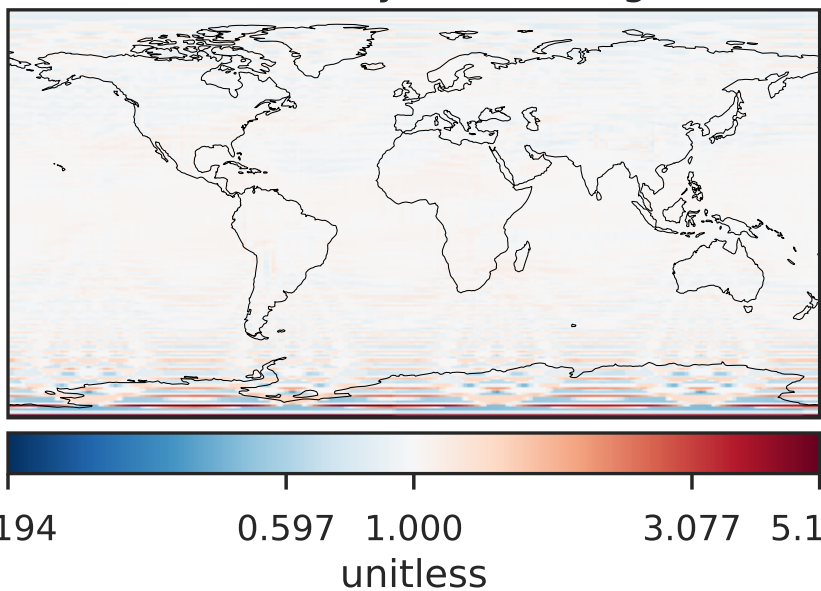
Difference (1x1.25)  
Dev - Ref, Dynamic Range



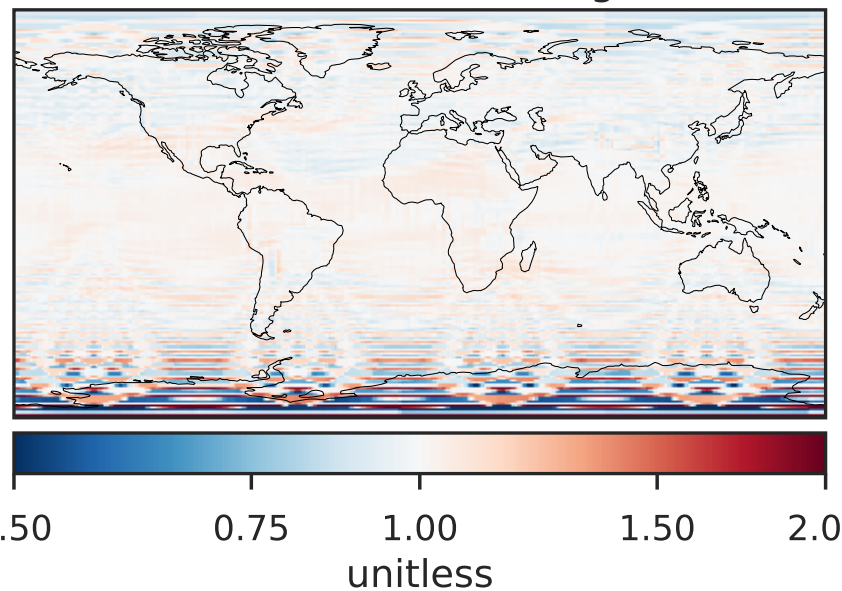
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



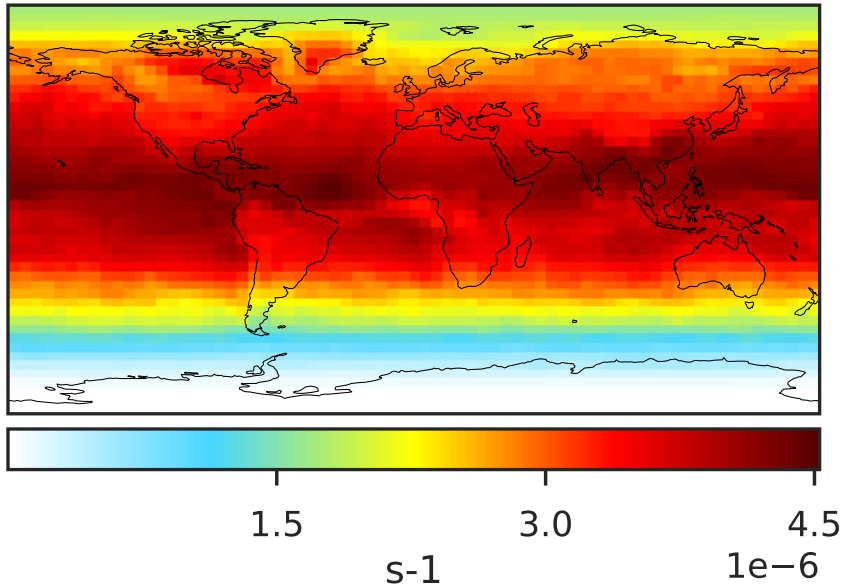
Ratio (1x1.25)  
Dev/Ref, Fixed Range



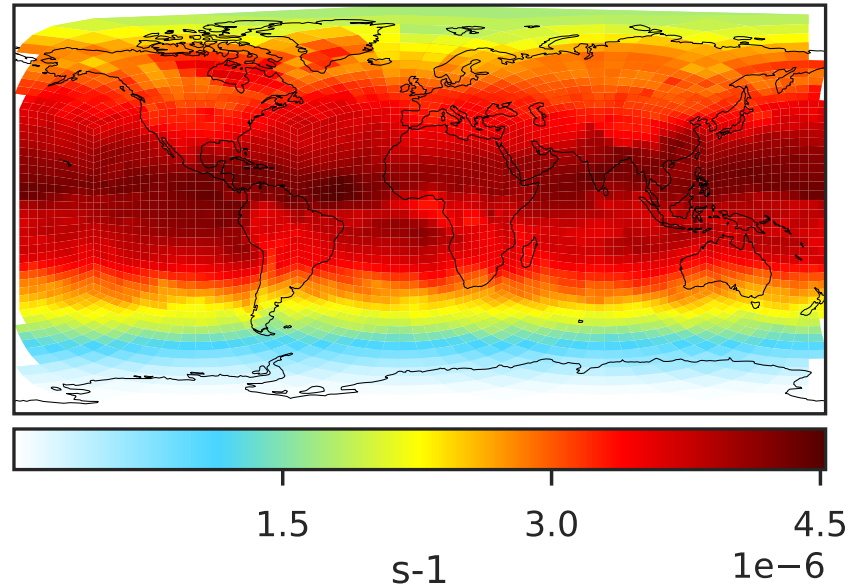


# Jval\_H2O2 (Apr2019)

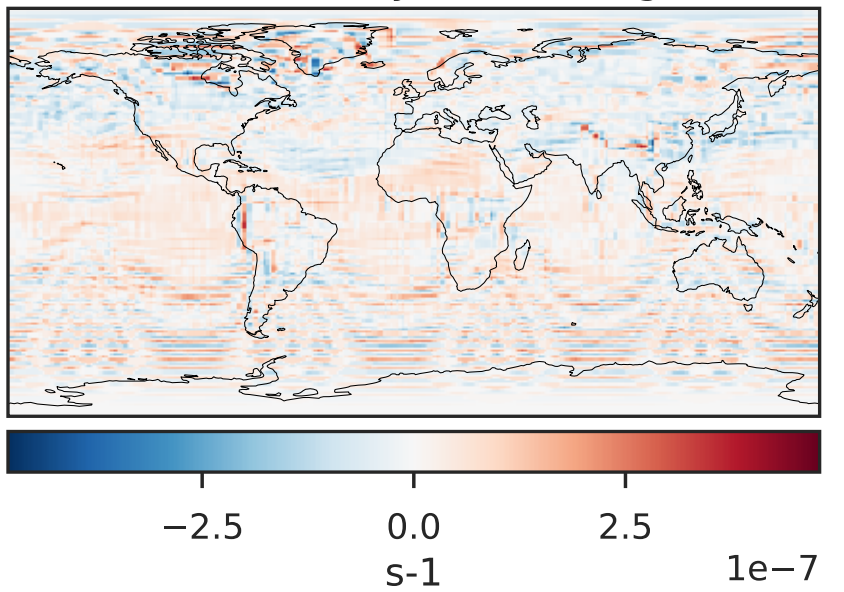
GCC\_14.2.0 (Ref)  
4.0x5.0



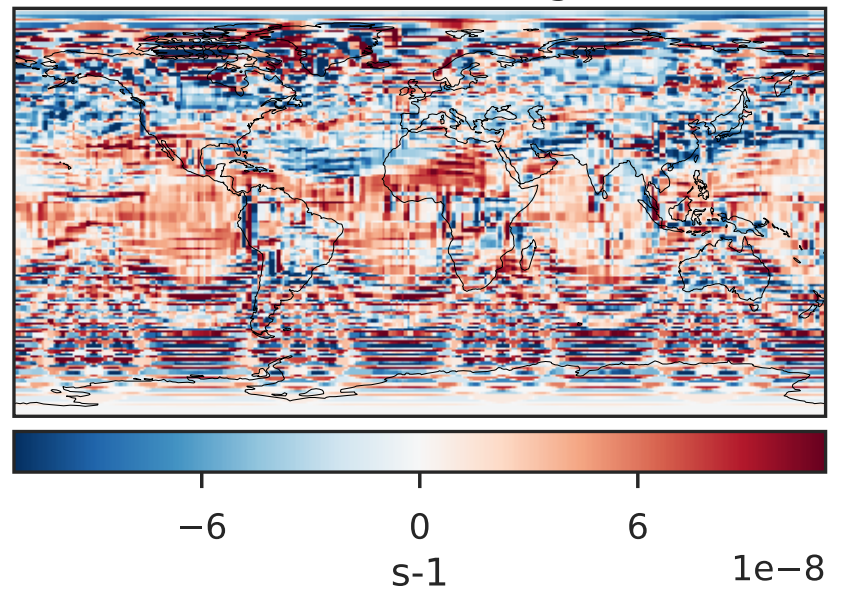
GCHP\_14.2.0 (Dev)  
c24



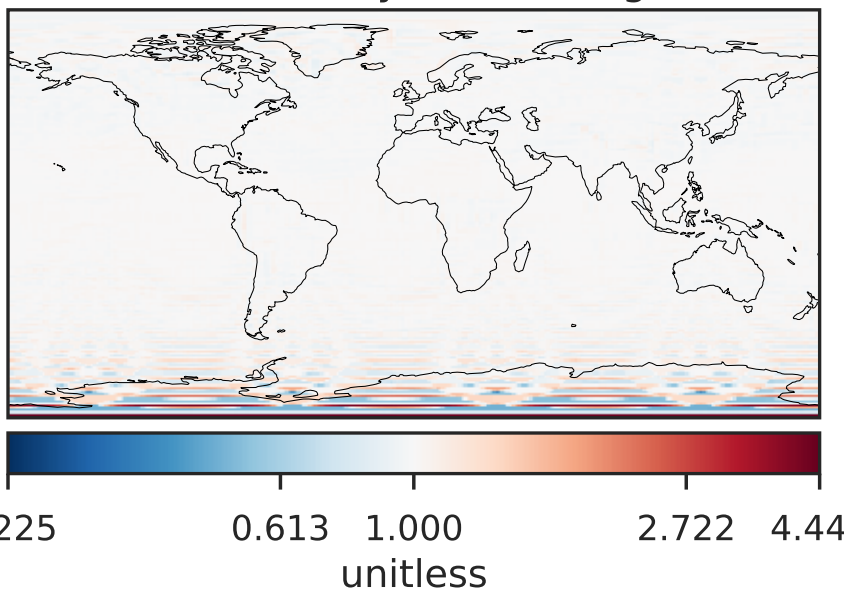
Difference (1x1.25)  
Dev - Ref, Dynamic Range



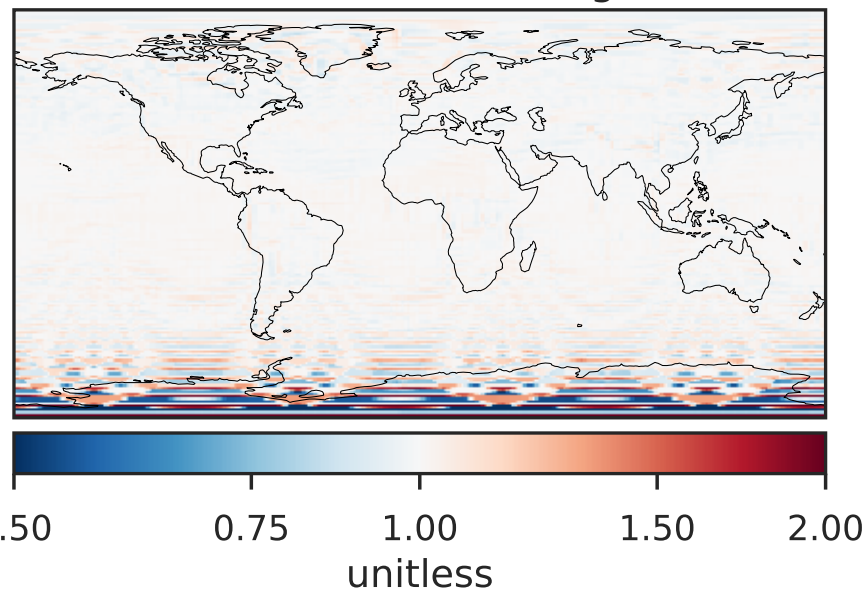
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

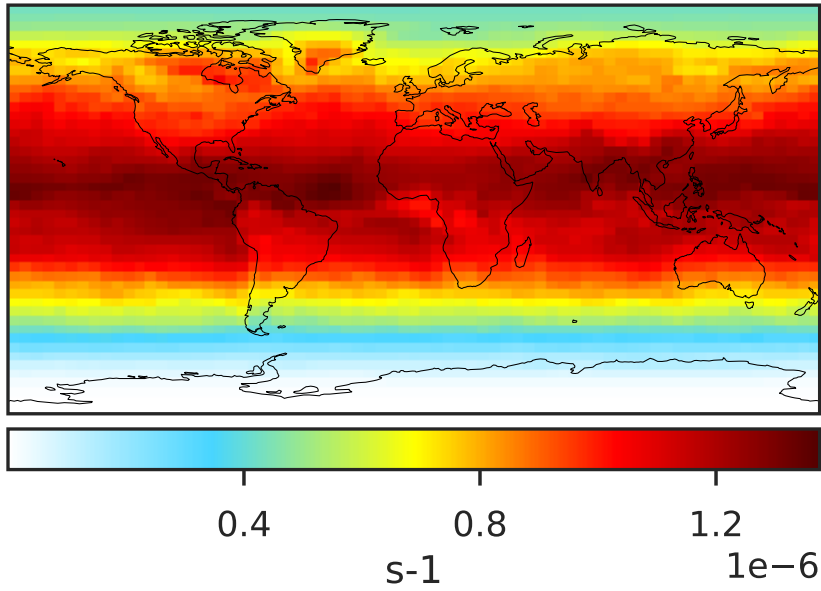


Ratio (1x1.25)  
Dev/Ref, Fixed Range

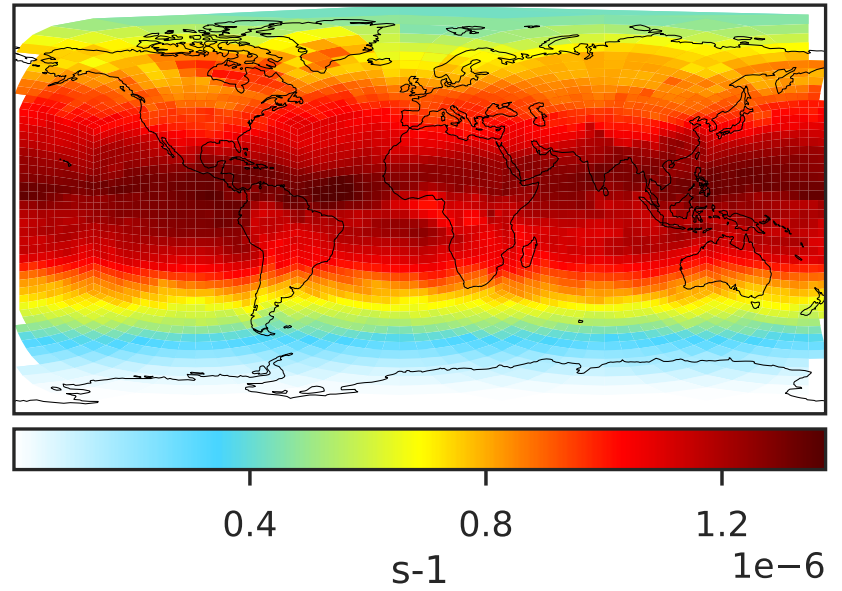


# Jval\_HAC (Apr2019)

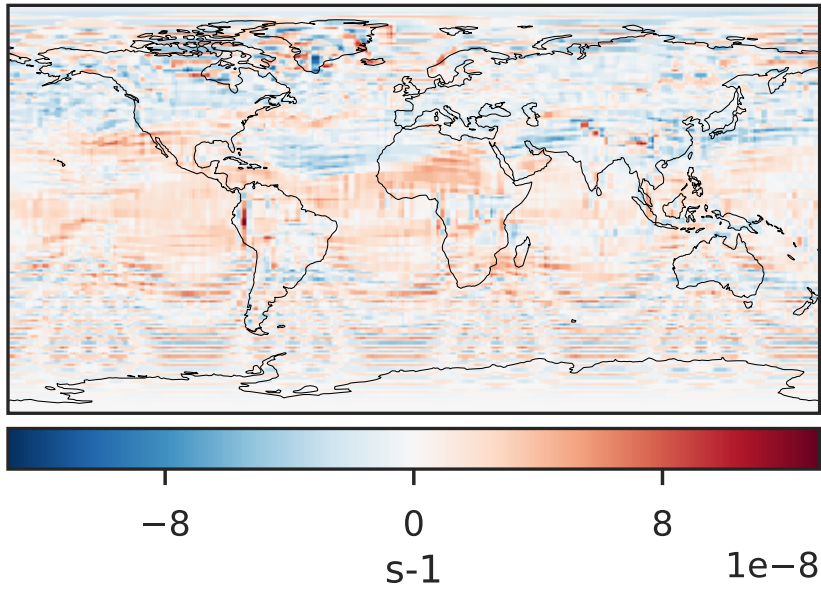
GCC\_14.2.0 (Ref)  
4.0x5.0



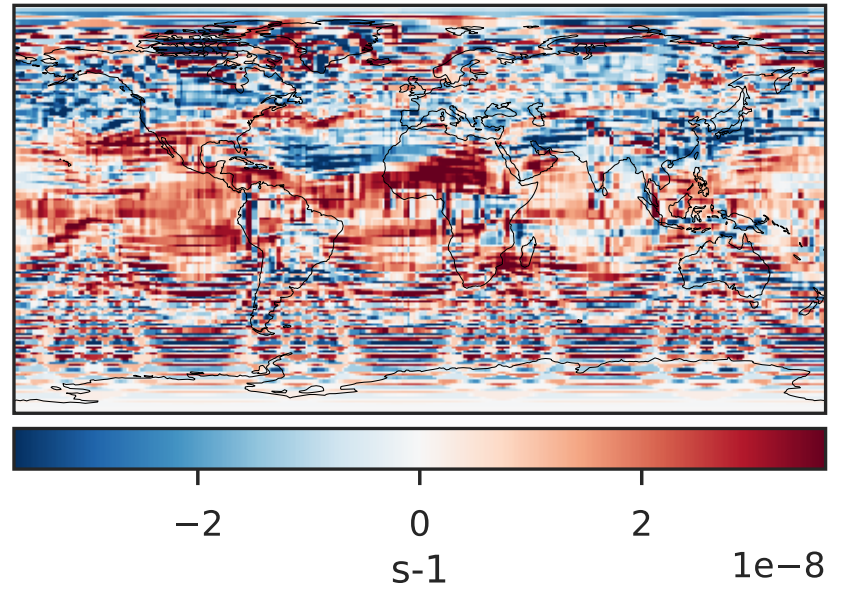
GCHP\_14.2.0 (Dev)  
c24



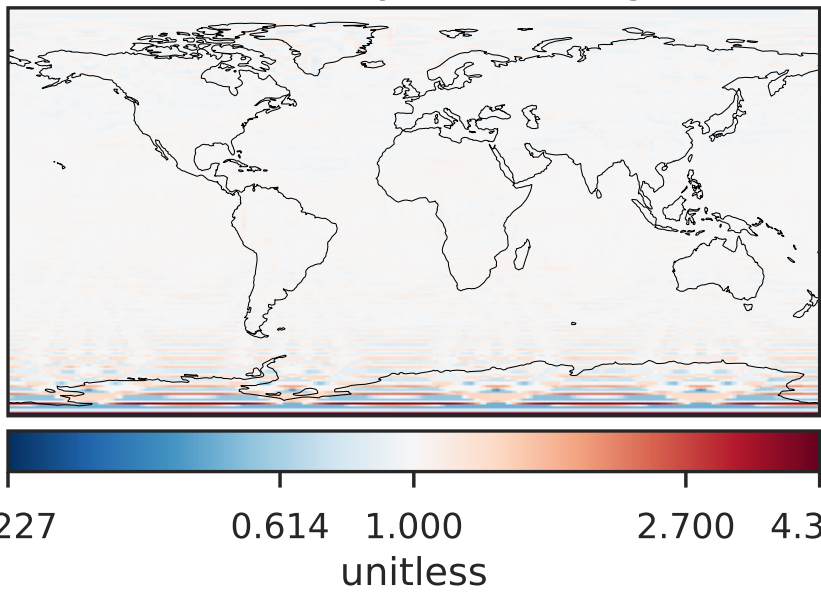
Difference (1x1.25)  
Dev - Ref, Dynamic Range



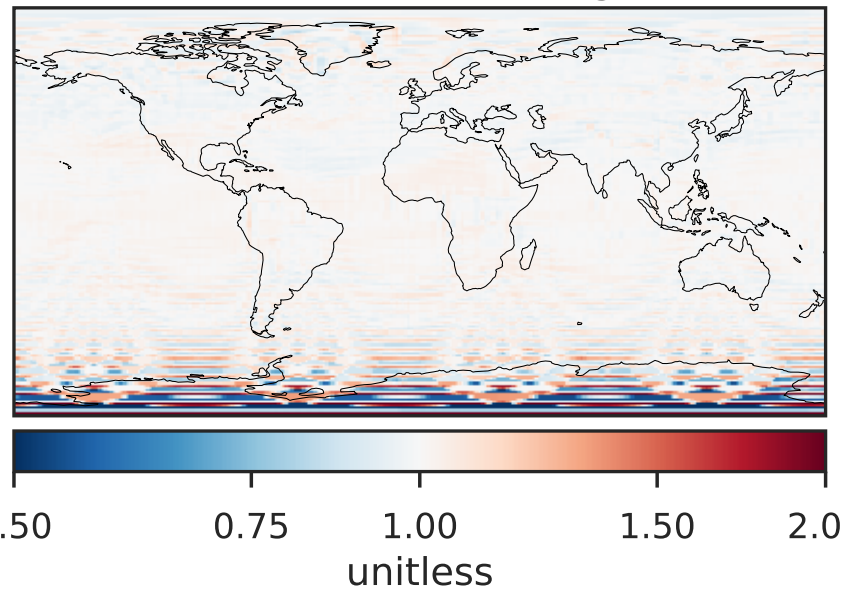
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



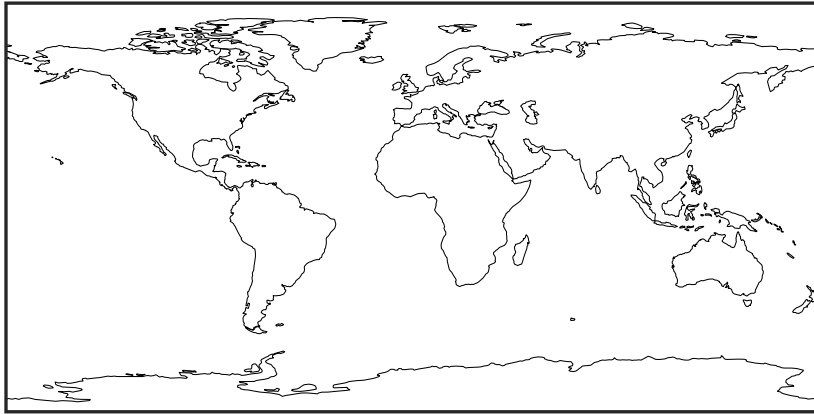
Ratio (1x1.25)  
Dev/Ref, Fixed Range





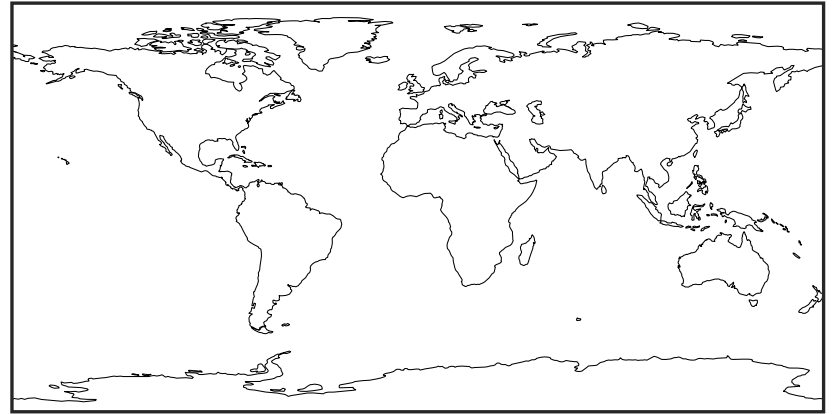
# Jval\_HC5A (Apr2019)

GCC\_14.2.0 (Ref)  
4.0x5.0



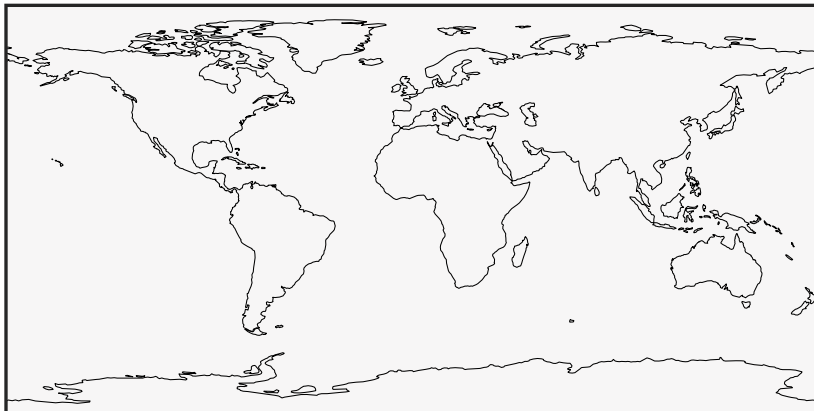
Zero throughput domain  
s-1

GCHP\_14.2.0 (Dev)  
c24



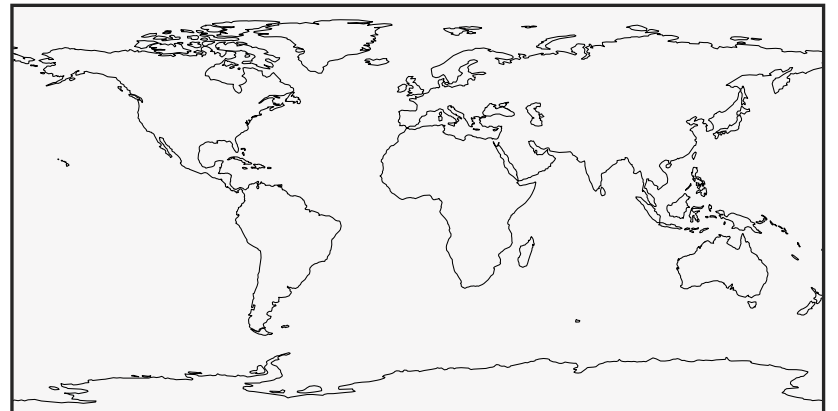
Zero throughput domain  
s-1

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

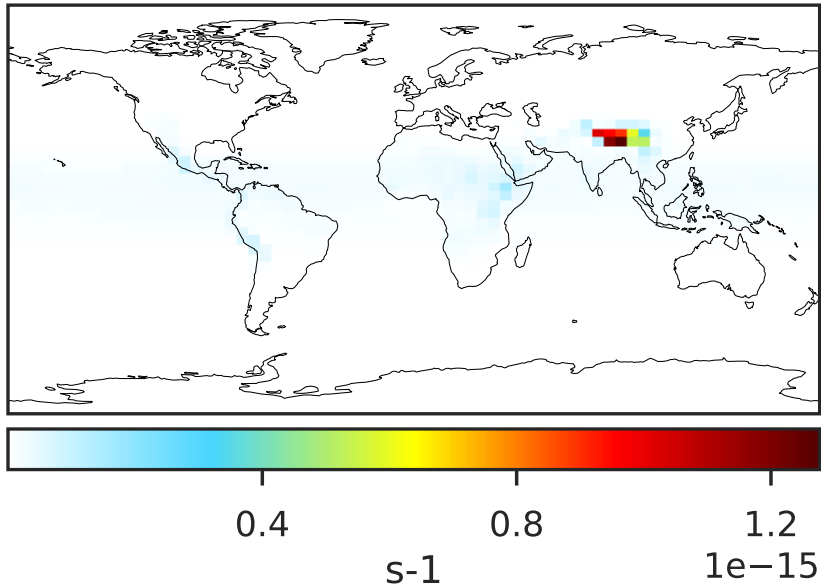
Ratio (1x1.25)  
Dev/Ref, Fixed Range



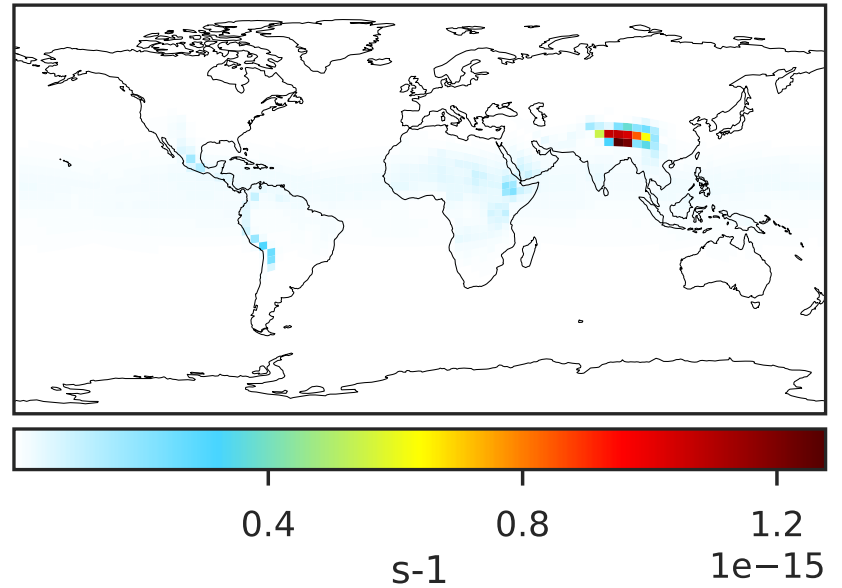
Undefined throughput domain  
unitless

# Jval\_HCFC123 (Apr2019)

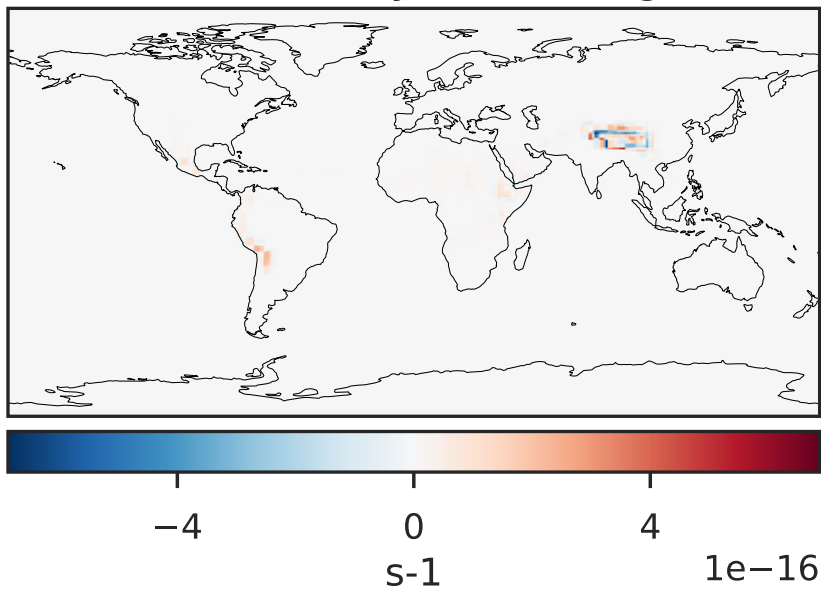
GCC\_14.2.0 (Ref)  
4.0x5.0



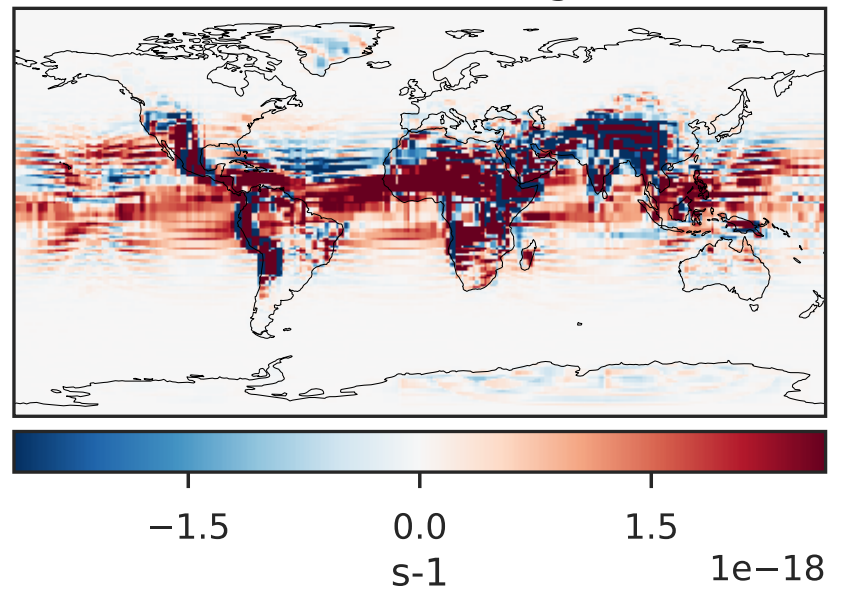
GCHP\_14.2.0 (Dev)  
c24



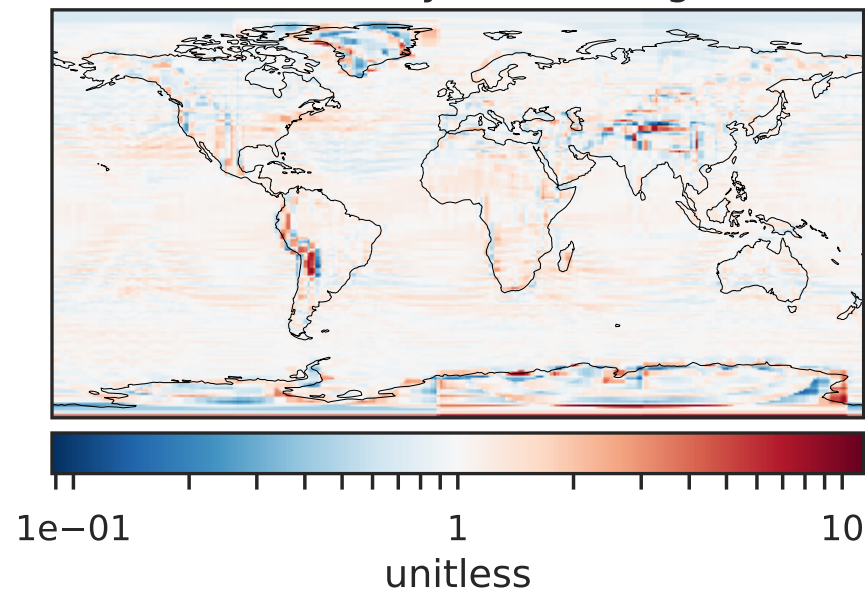
Difference (1x1.25)  
Dev - Ref, Dynamic Range



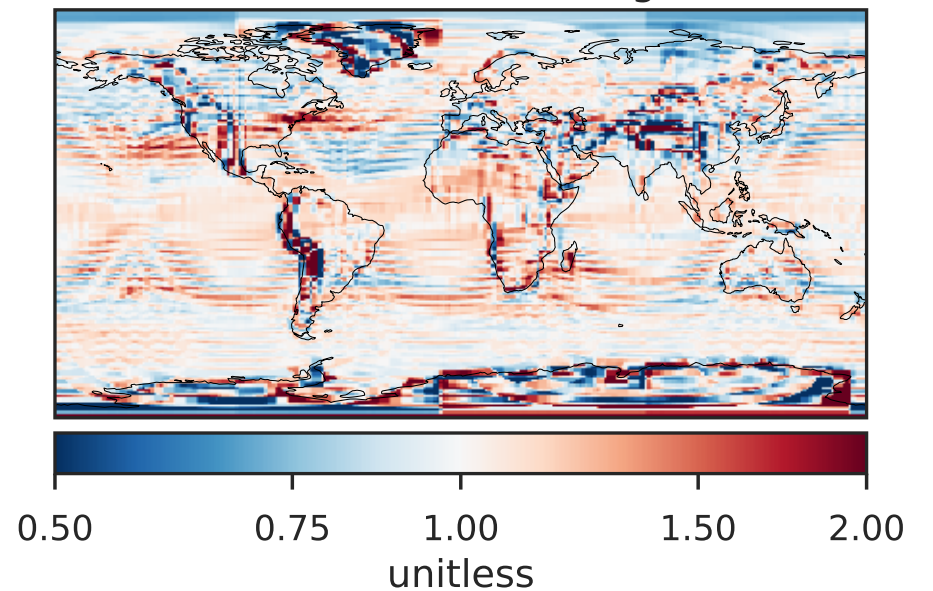
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



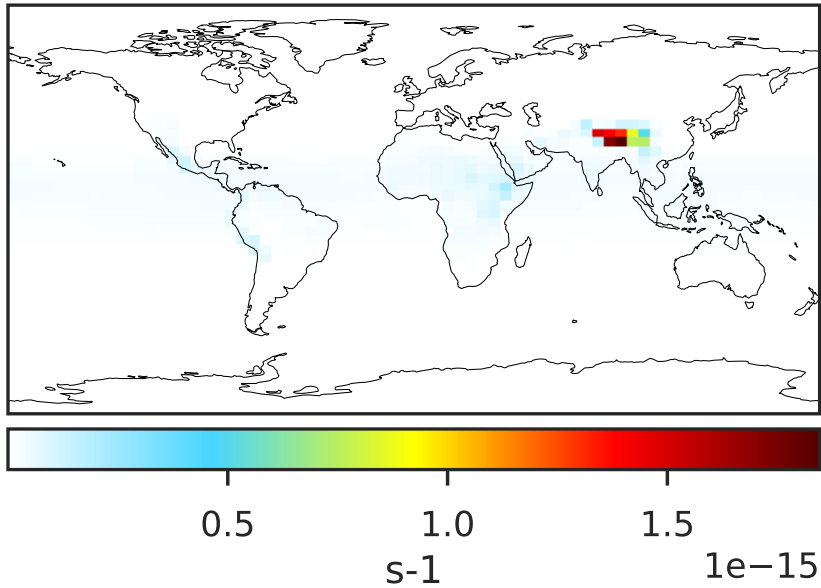
Ratio (1x1.25)  
Dev/Ref, Fixed Range



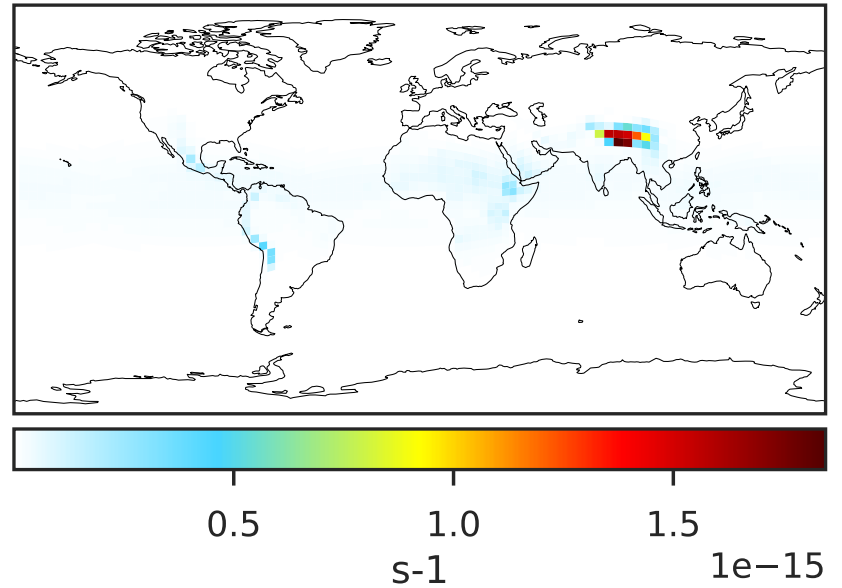


# Jval\_HCFC141b (Apr2019)

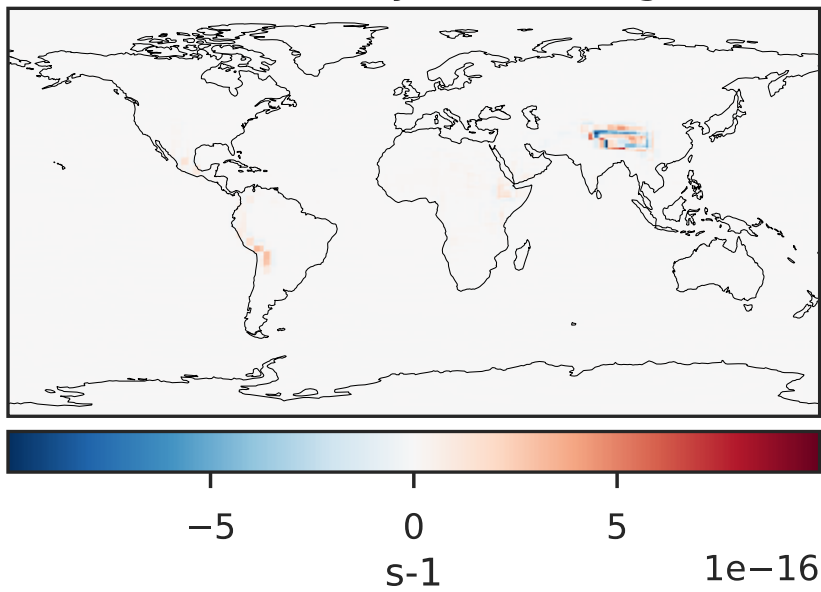
GCC\_14.2.0 (Ref)  
4.0x5.0



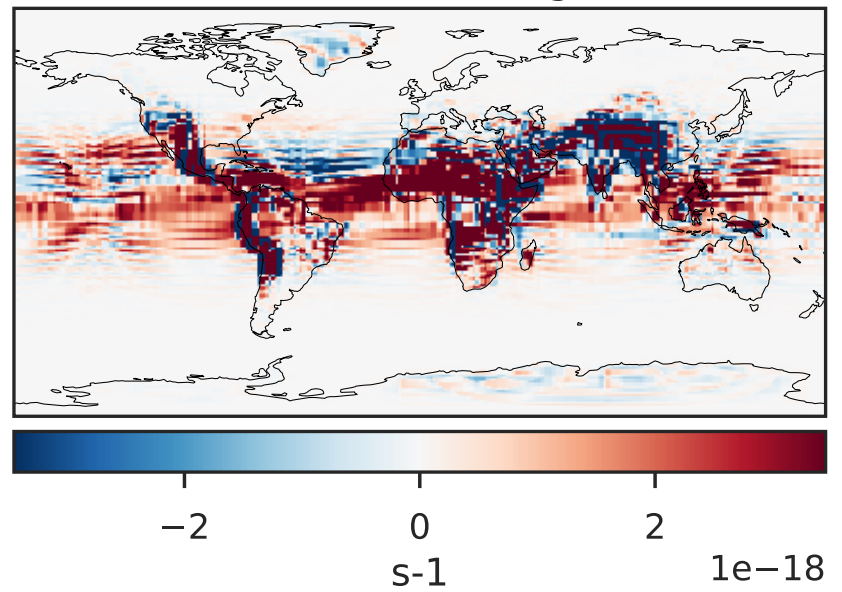
GCHP\_14.2.0 (Dev)  
c24



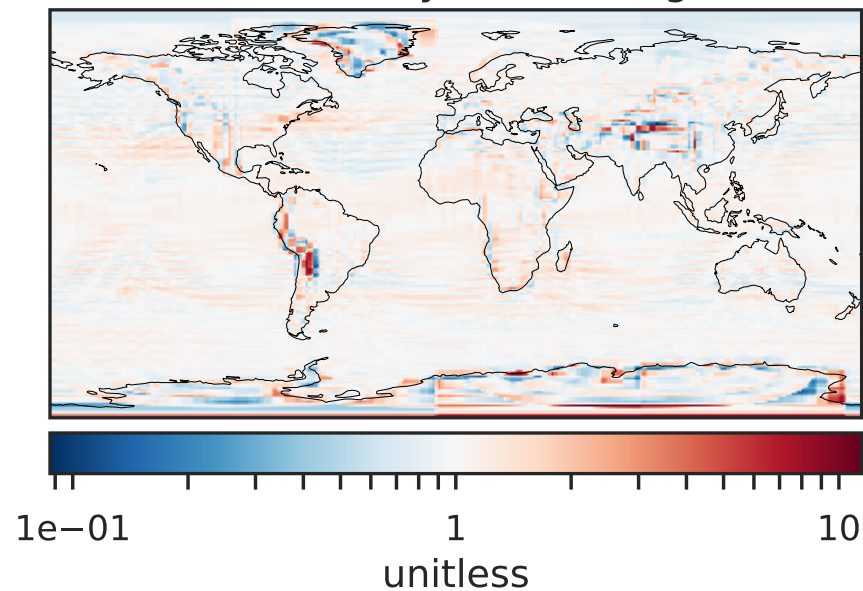
Difference (1x1.25)  
Dev - Ref, Dynamic Range



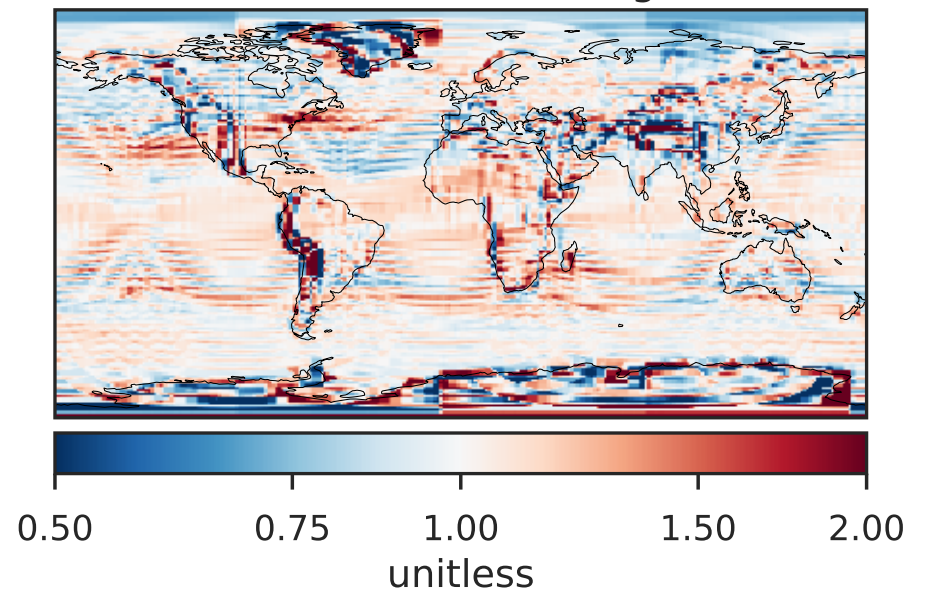
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

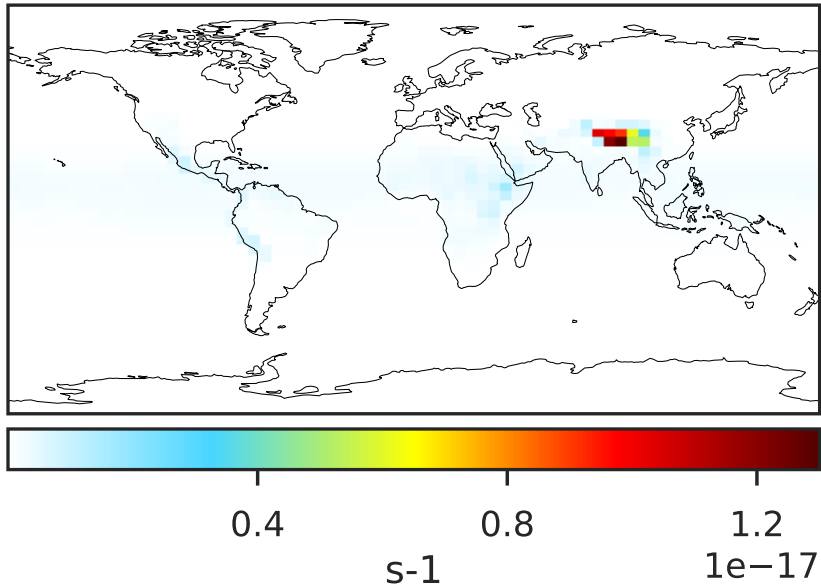


Ratio (1x1.25)  
Dev/Ref, Fixed Range

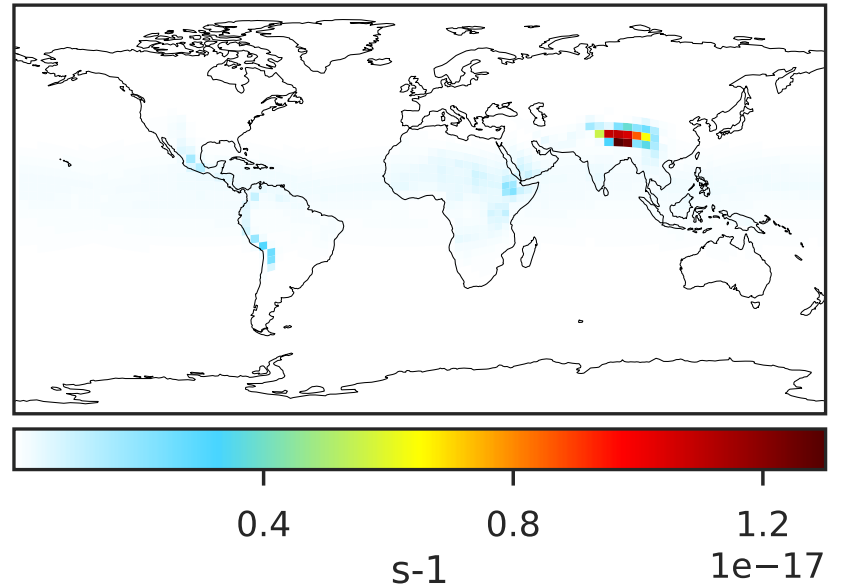


# Jval\_HCFC142b (Apr2019)

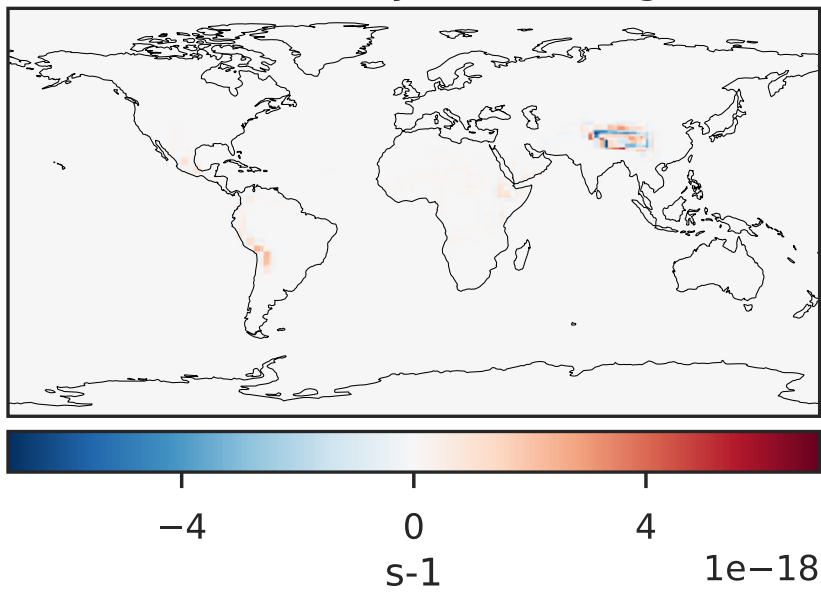
GCC\_14.2.0 (Ref)  
4.0x5.0



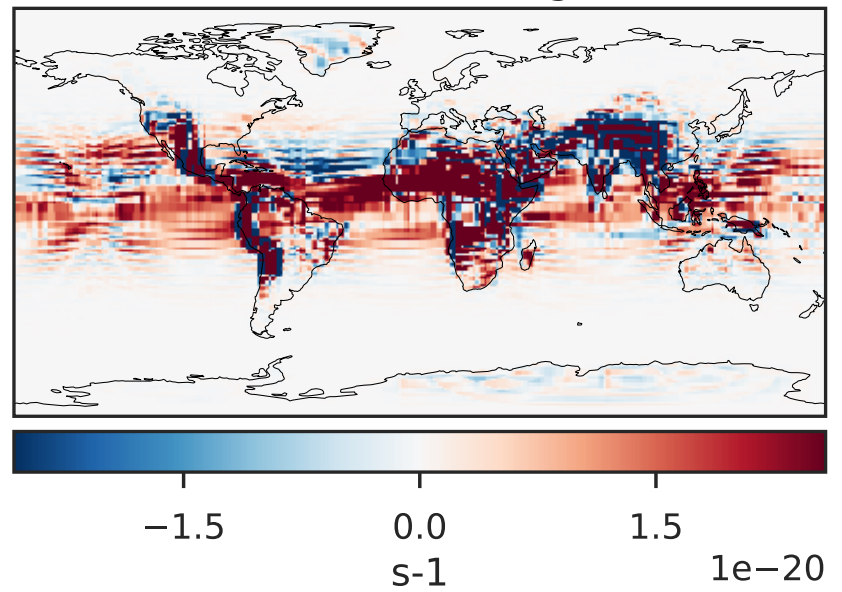
GCHP\_14.2.0 (Dev)  
c24



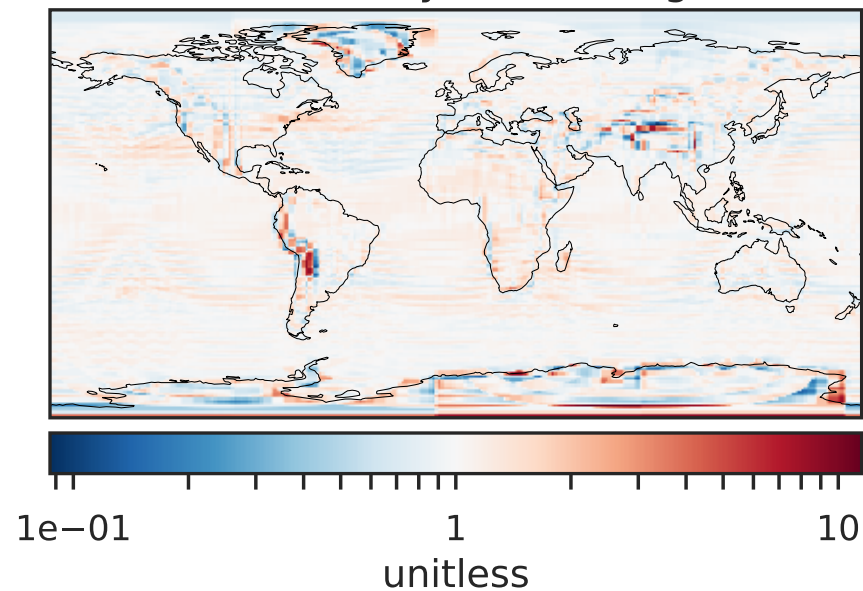
Difference (1x1.25)  
Dev - Ref, Dynamic Range



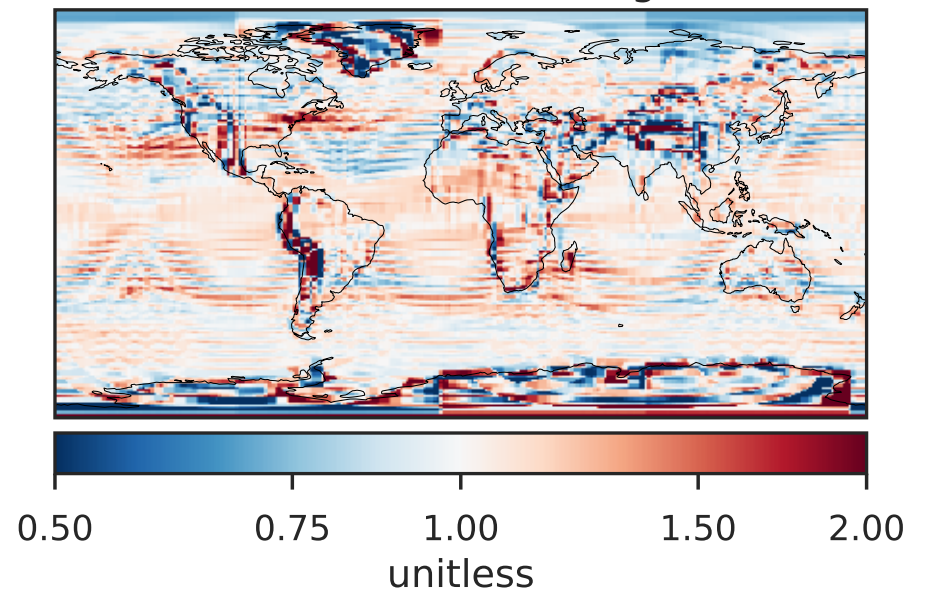
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



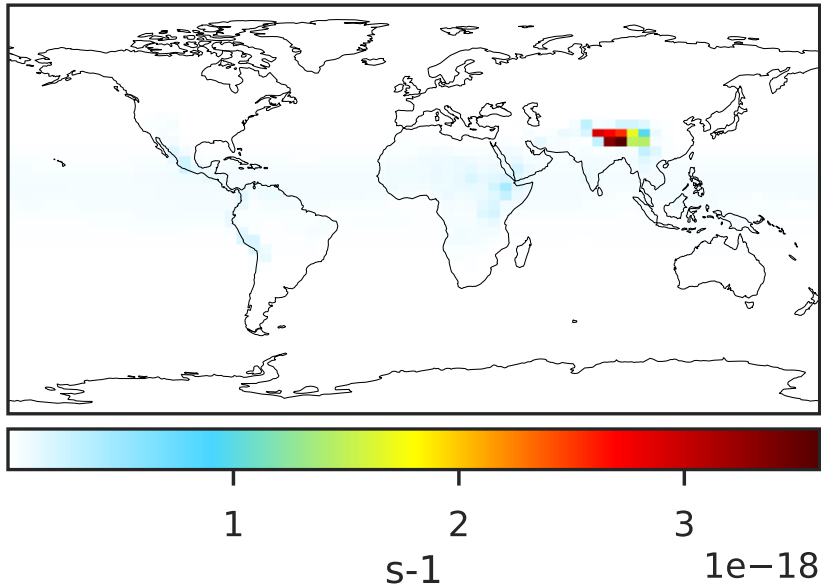
Ratio (1x1.25)  
Dev/Ref, Fixed Range



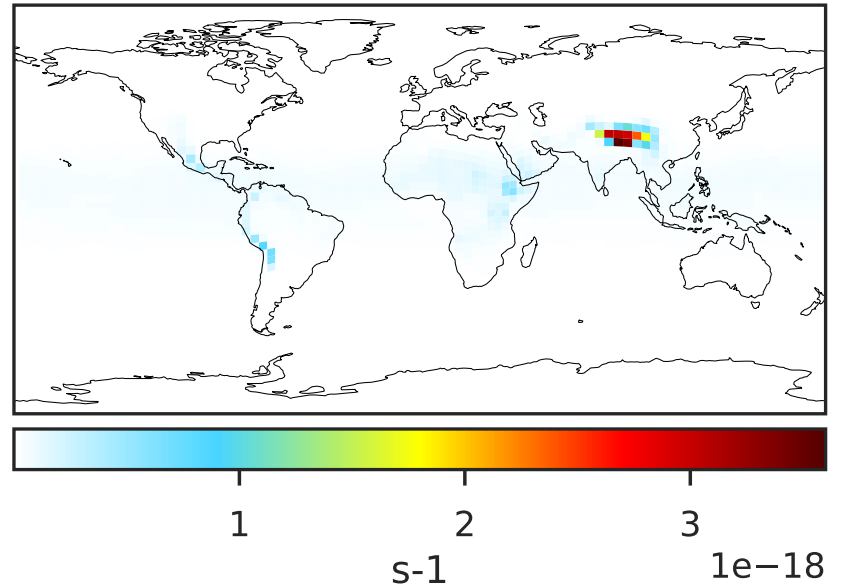


# Jval\_HCFC22 (Apr2019)

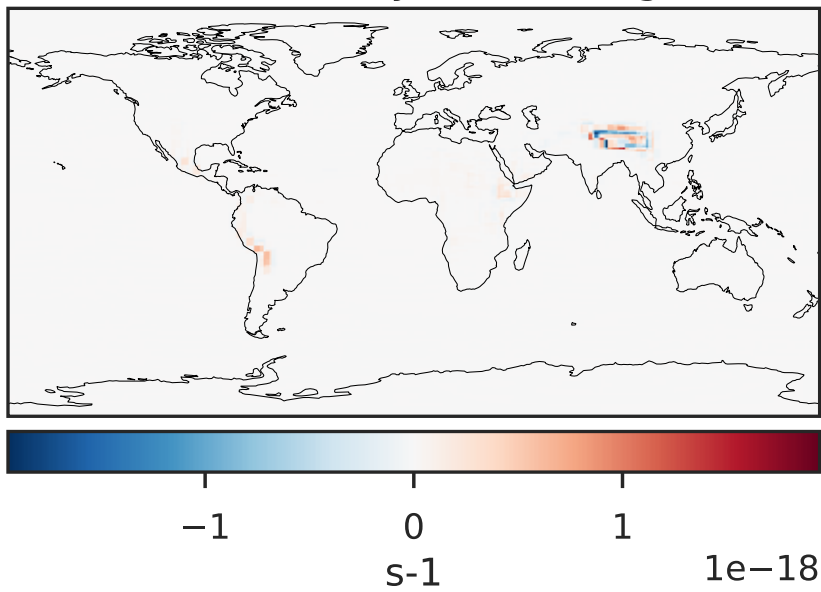
GCC\_14.2.0 (Ref)  
4.0x5.0



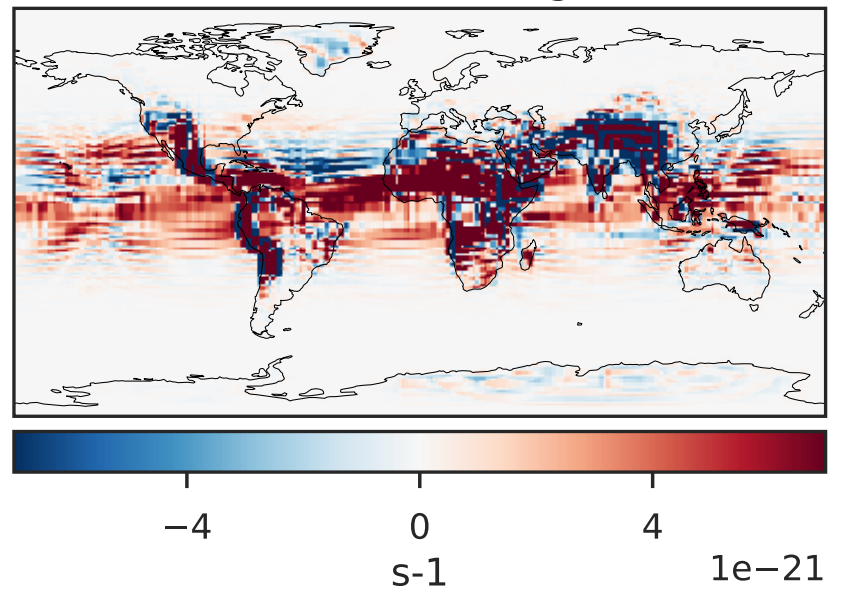
GCHP\_14.2.0 (Dev)  
c24



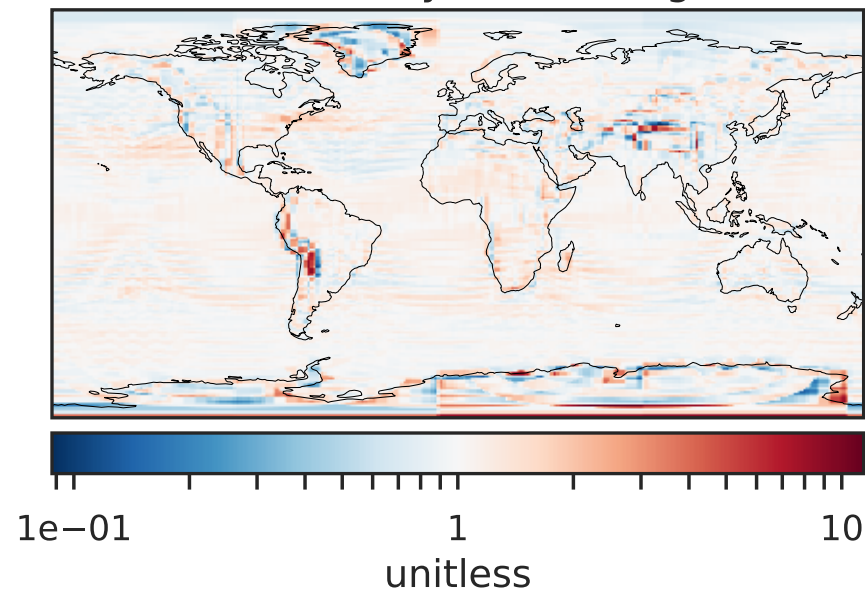
Difference (1x1.25)  
Dev - Ref, Dynamic Range



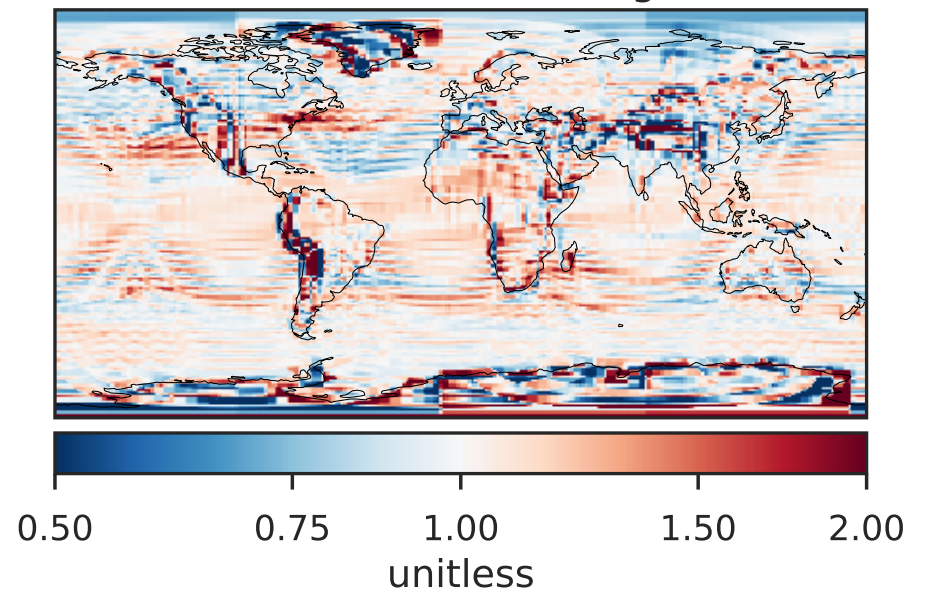
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

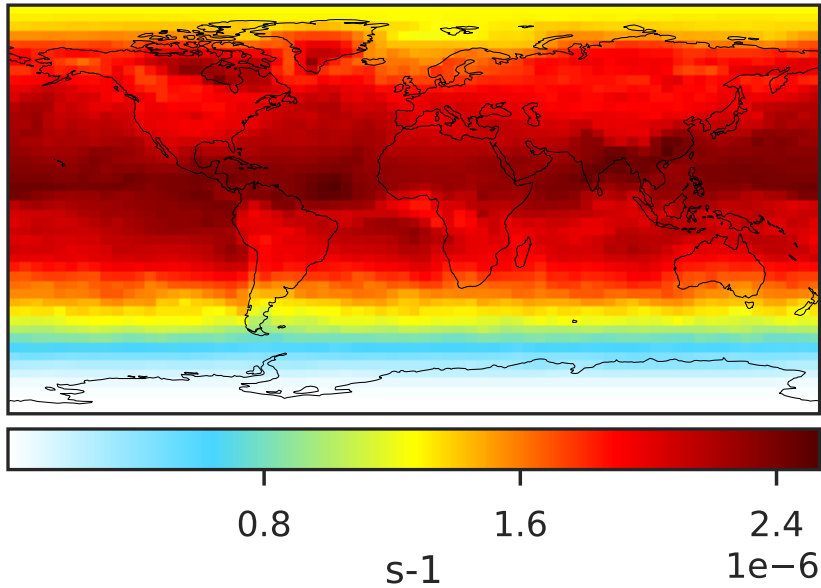


Ratio (1x1.25)  
Dev/Ref, Fixed Range

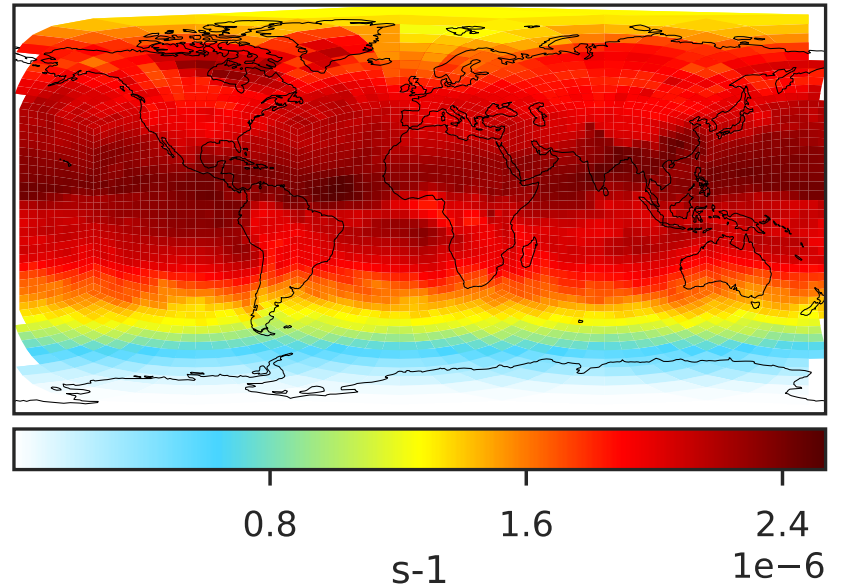


# Jval\_HMHP (Apr2019)

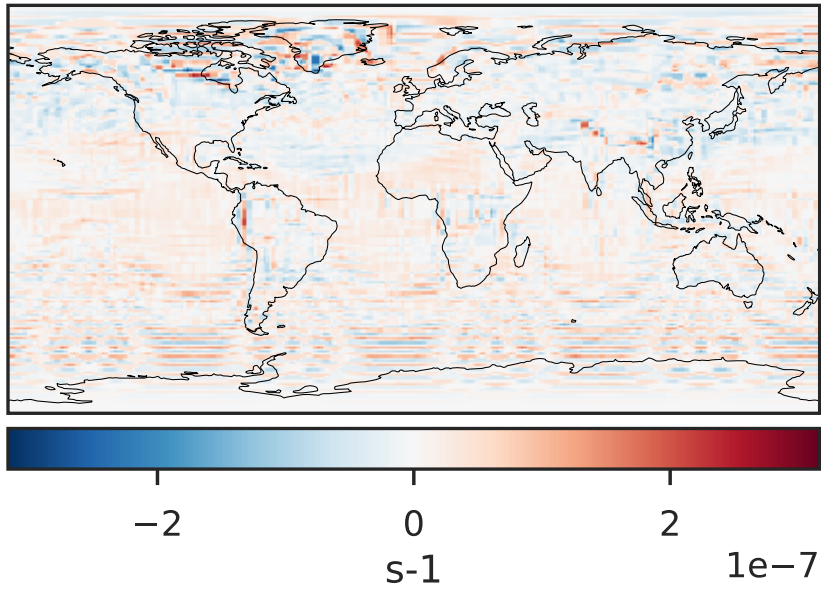
GCC\_14.2.0 (Ref)  
4.0x5.0



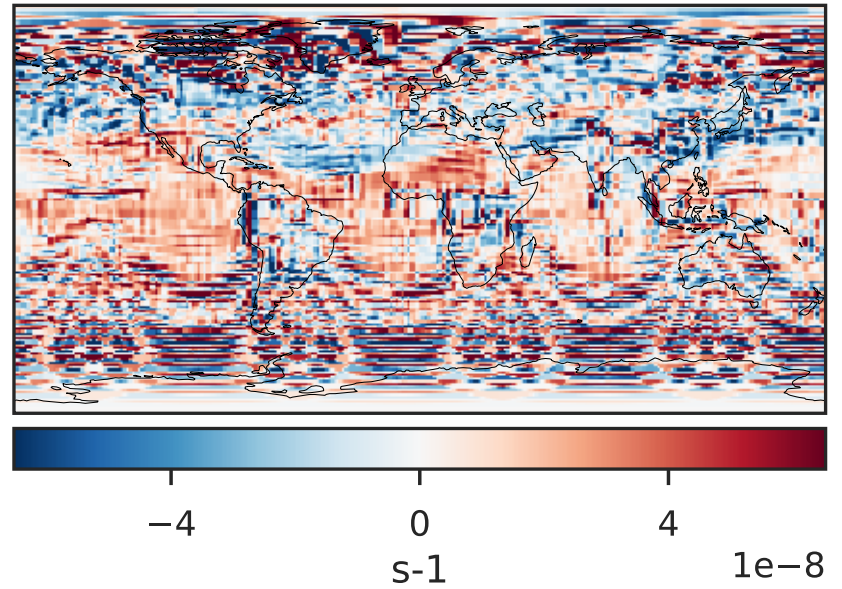
GCHP\_14.2.0 (Dev)  
c24



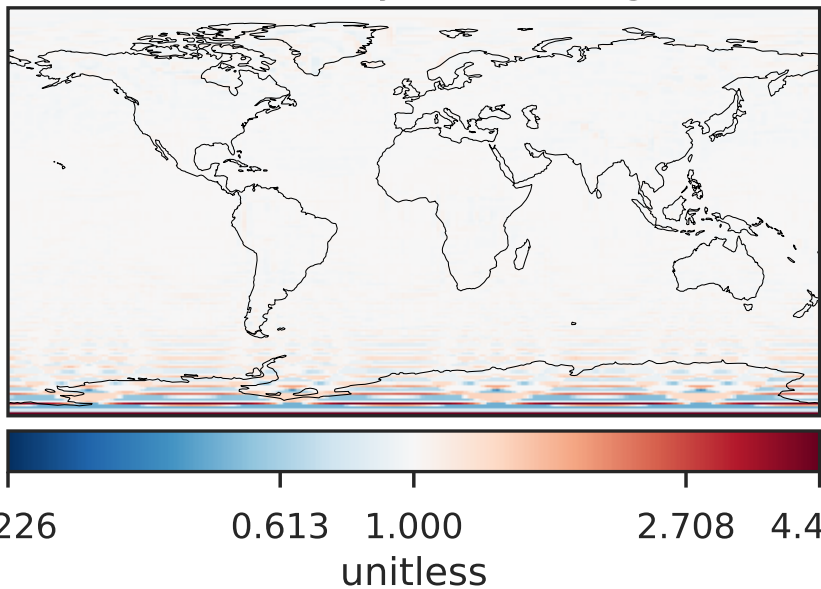
Difference (1x1.25)  
Dev - Ref, Dynamic Range



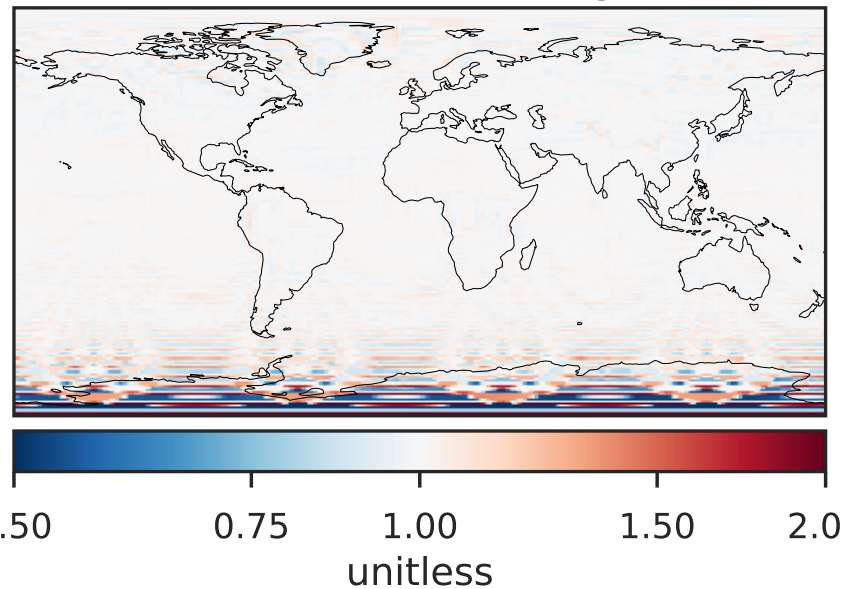
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



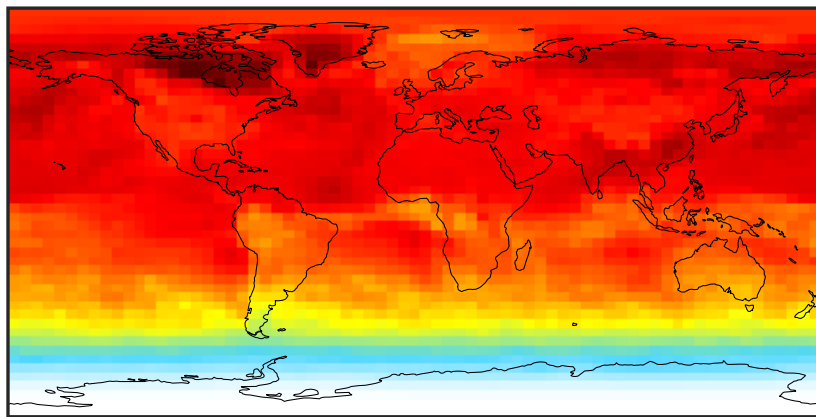
Ratio (1x1.25)  
Dev/Ref, Fixed Range





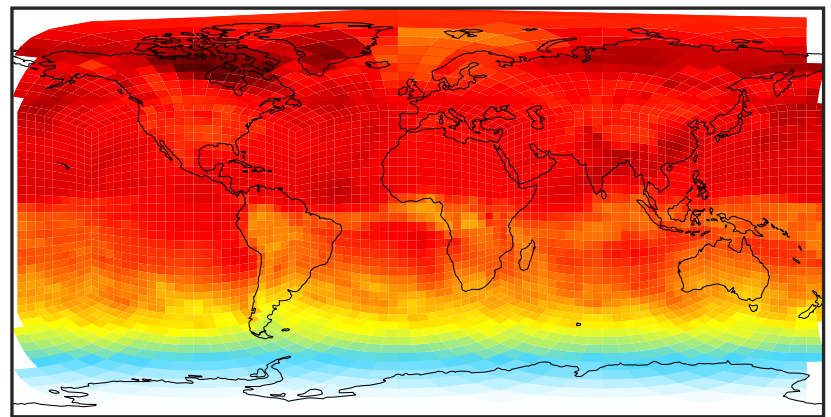
# Jval\_HNO2 (Apr2019)

GCC\_14.2.0 (Ref)  
4.0x5.0



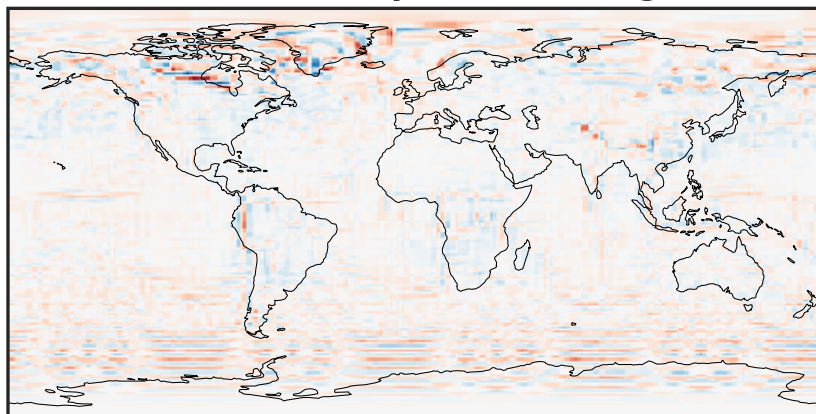
0.0003 0.0006 0.0009  
s-1

GCHP\_14.2.0 (Dev)  
c24



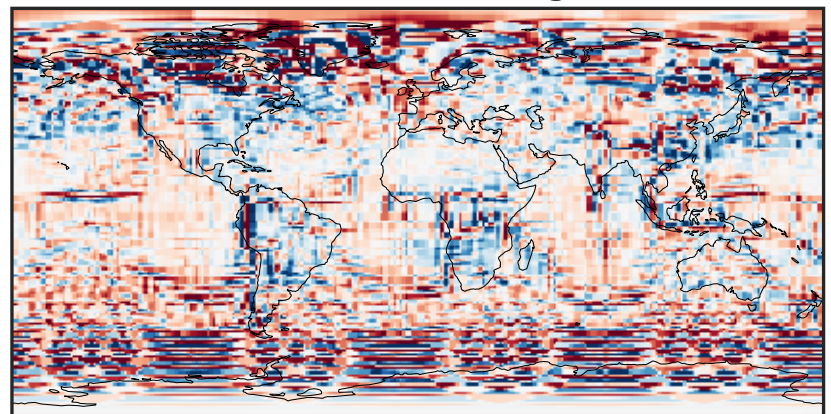
0.0003 0.0006 0.0009  
s-1

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



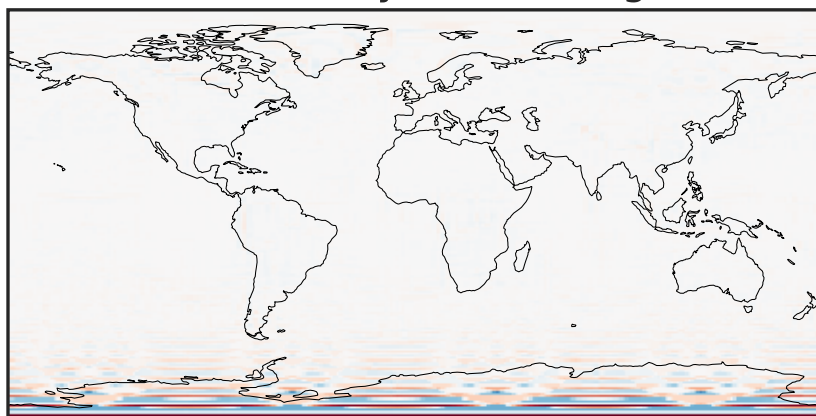
-8 0 8  
s-1 1e-5

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



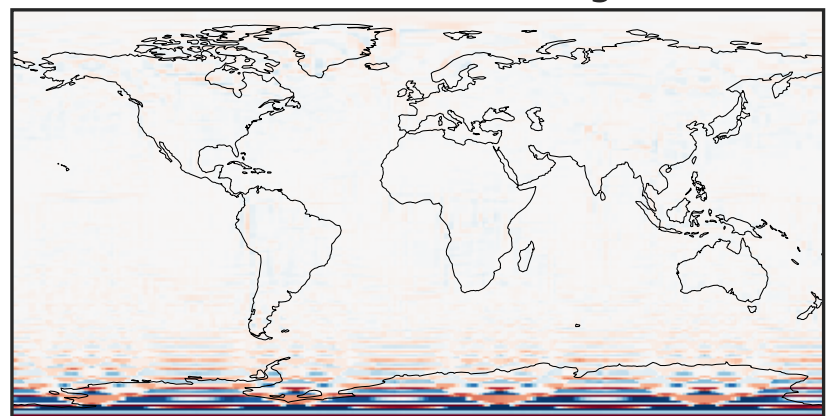
-1.5 0.0 1.5  
s-1 1e-5

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



0.221 0.610 1.000 2.765 4.530  
unitless

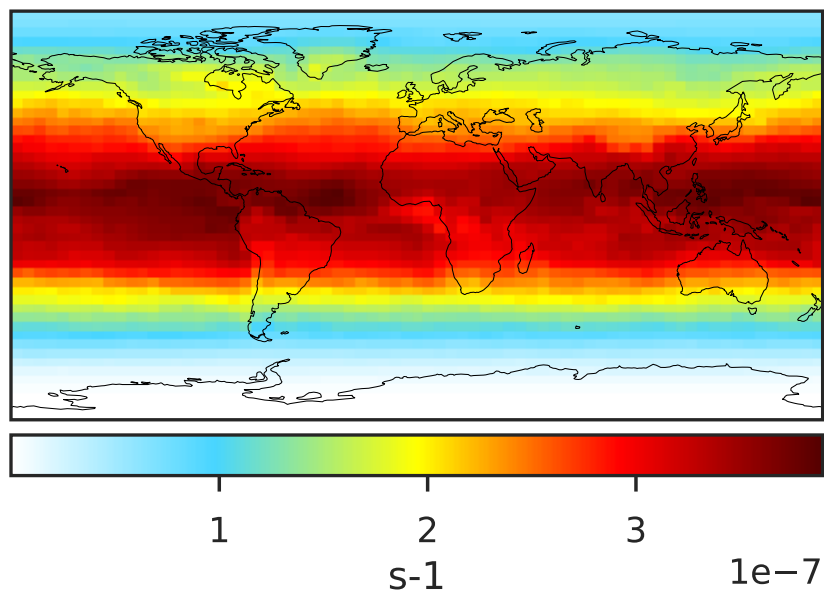
Ratio (1x1.25)  
Dev/Ref, Fixed Range



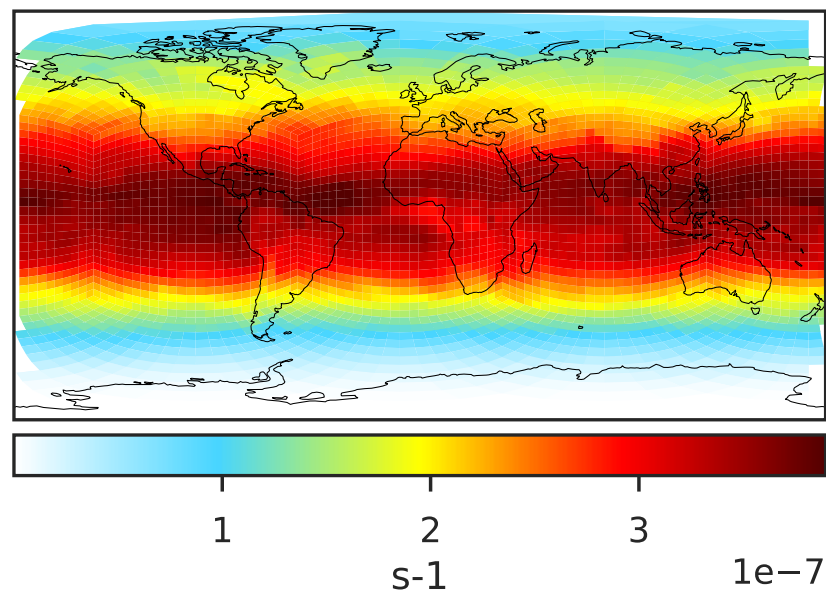
0.50 0.75 1.00 1.50 2.00  
unitless

# Jval\_HNO3 (Apr2019)

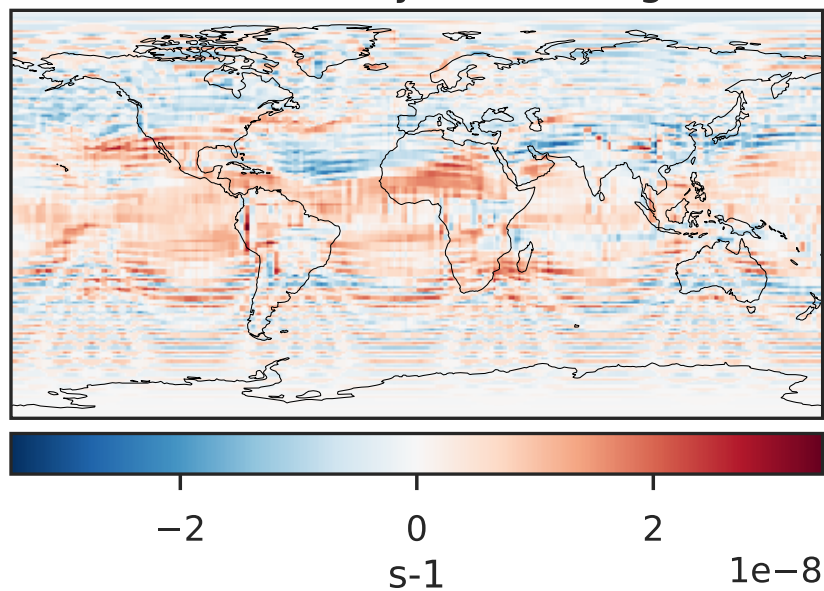
GCC\_14.2.0 (Ref)  
4.0x5.0



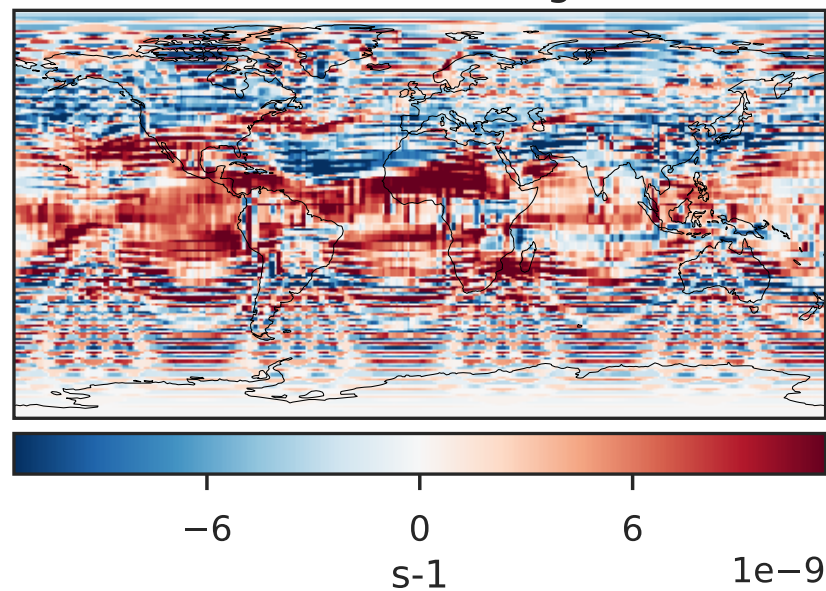
GCHP\_14.2.0 (Dev)  
c24



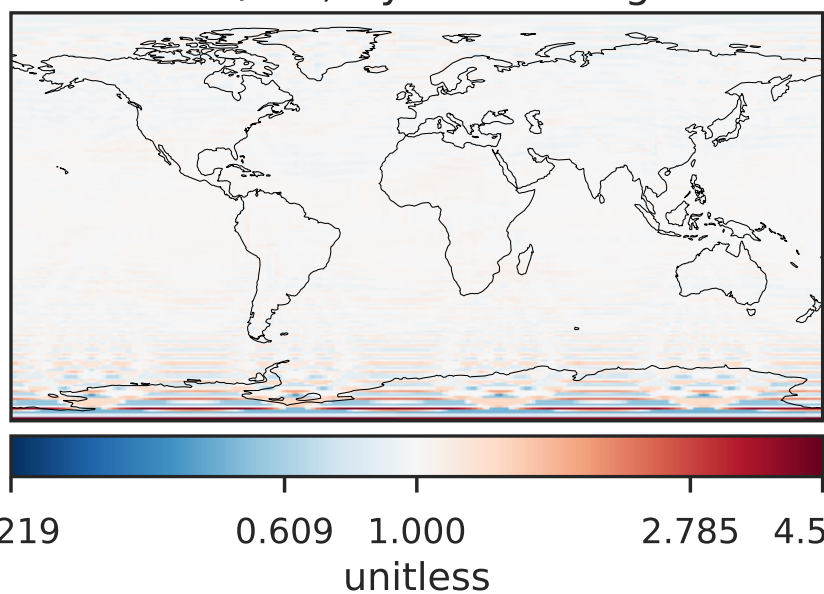
Difference (1x1.25)  
Dev - Ref, Dynamic Range



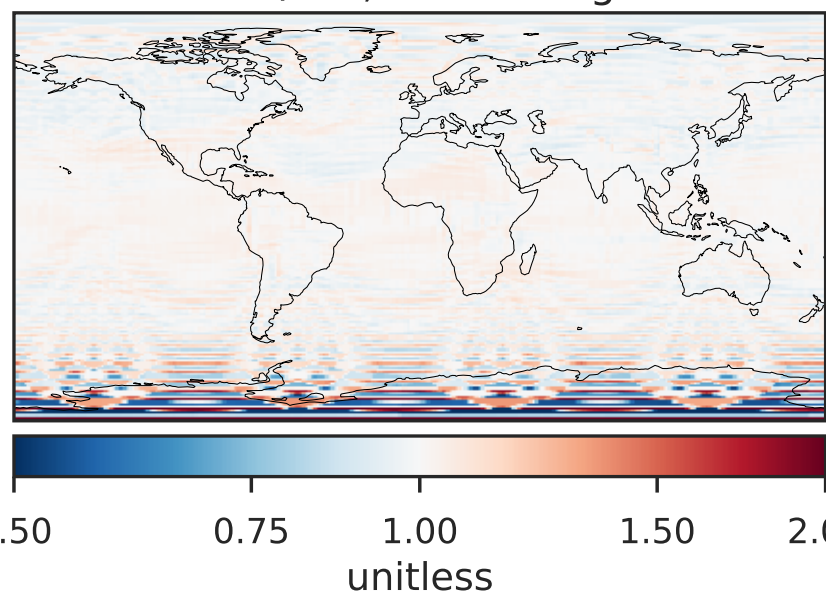
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



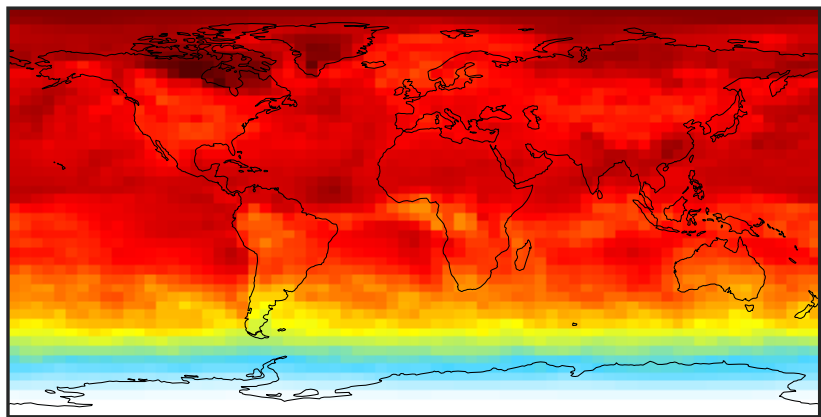
Ratio (1x1.25)  
Dev/Ref, Fixed Range





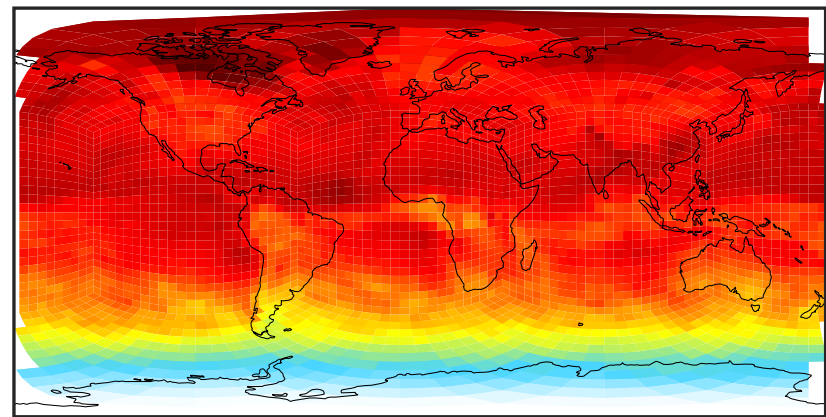
# Jval\_HNO4 (Apr2019)

GCC\_14.2.0 (Ref)  
4.0x5.0



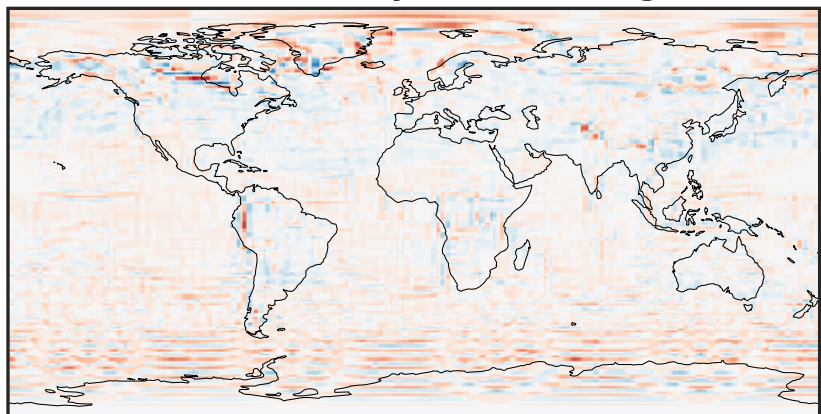
0.4 0.8 1.2  
s-1 1e-5

GCHP\_14.2.0 (Dev)  
c24



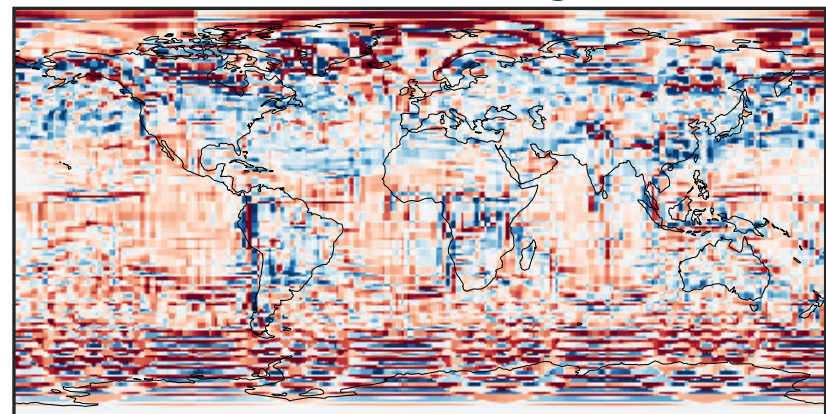
0.4 0.8 1.2  
s-1 1e-5

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



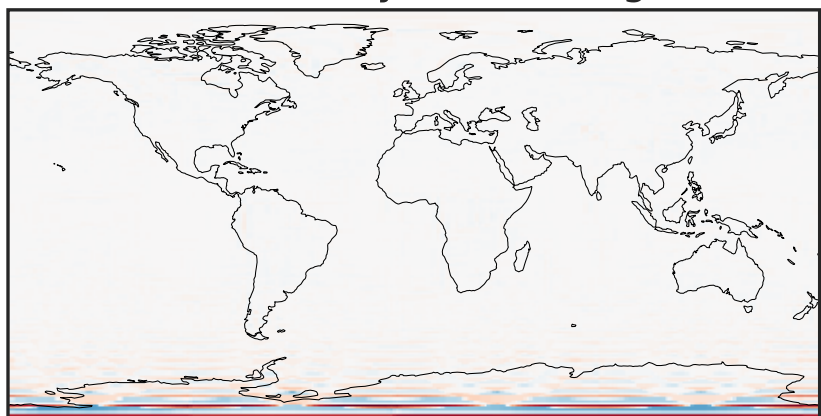
-1 0 1  
s-1 1e-6

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



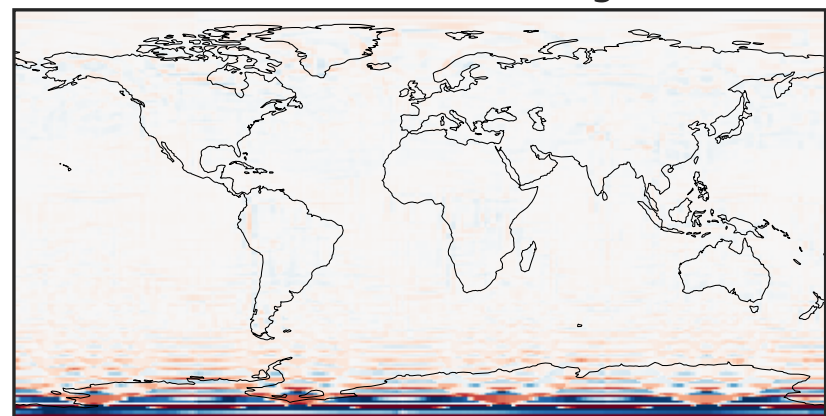
-2 0 2  
s-1 1e-7

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



0.120 0.560 1.000 4.675 8.350  
unitless

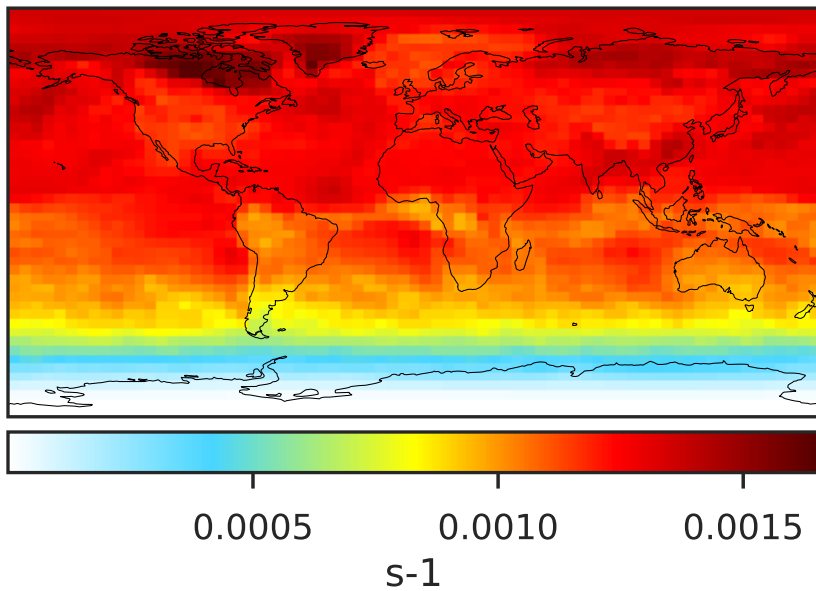
Ratio (1x1.25)  
Dev/Ref, Fixed Range



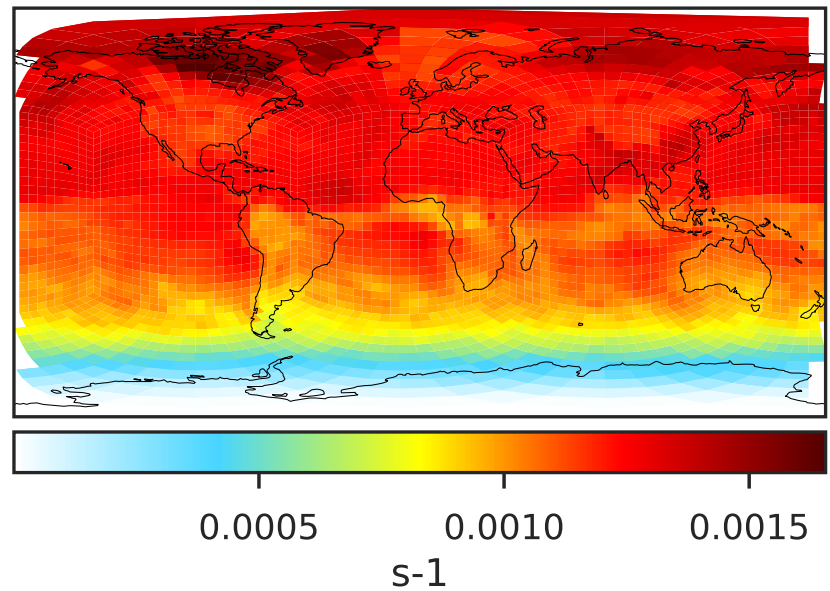
0.50 0.75 1.00 1.50 2.00  
unitless

# Jval\_HOBr (Apr2019)

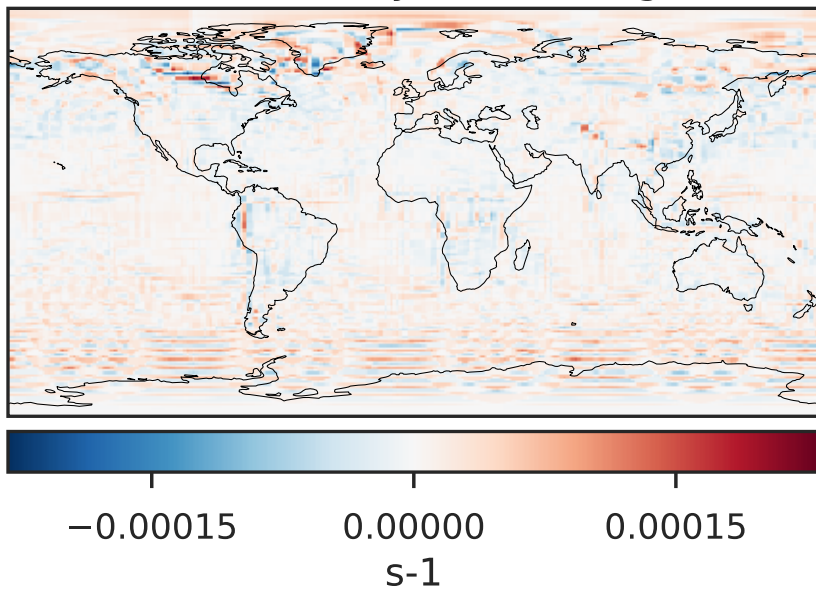
GCC\_14.2.0 (Ref)  
4.0x5.0



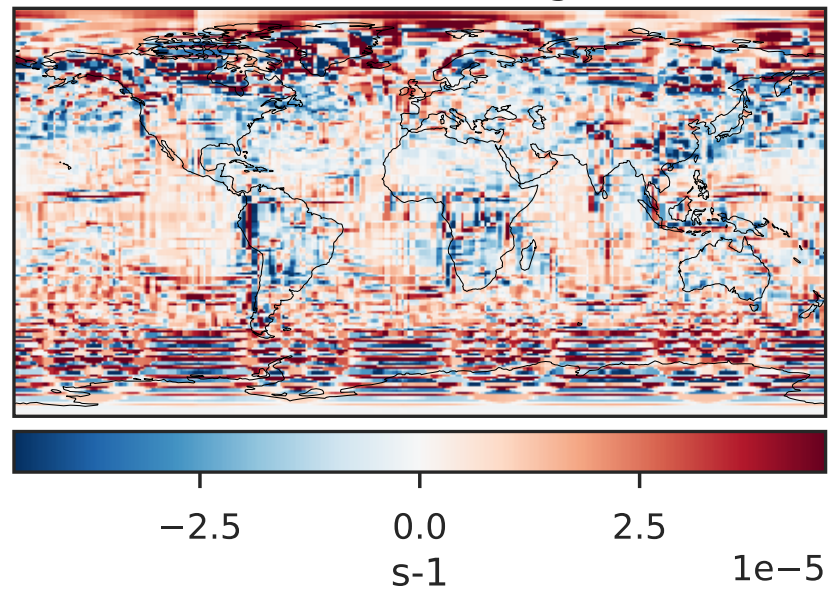
GCHP\_14.2.0 (Dev)  
c24



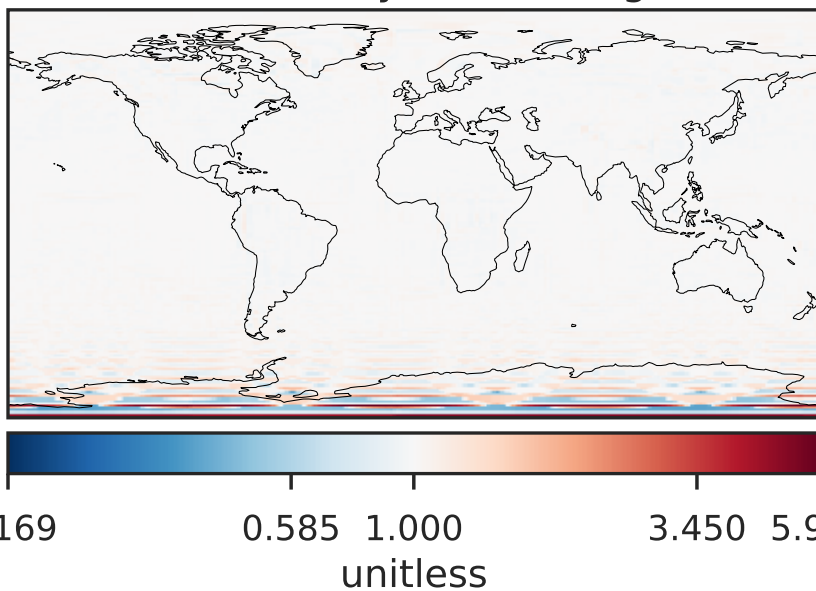
Difference (1x1.25)  
Dev - Ref, Dynamic Range



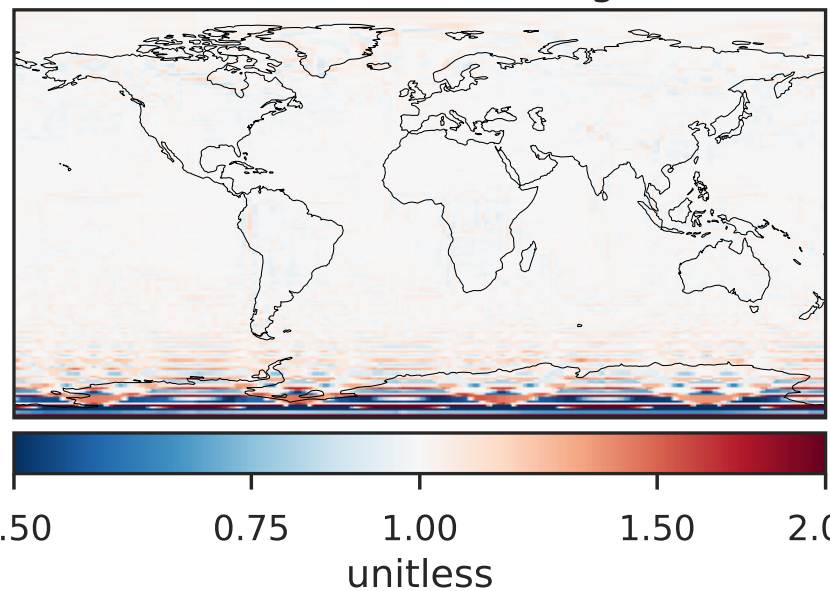
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



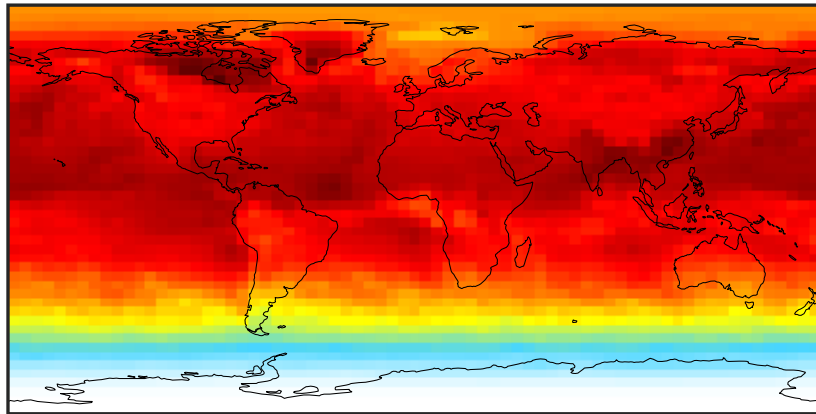
Ratio (1x1.25)  
Dev/Ref, Fixed Range





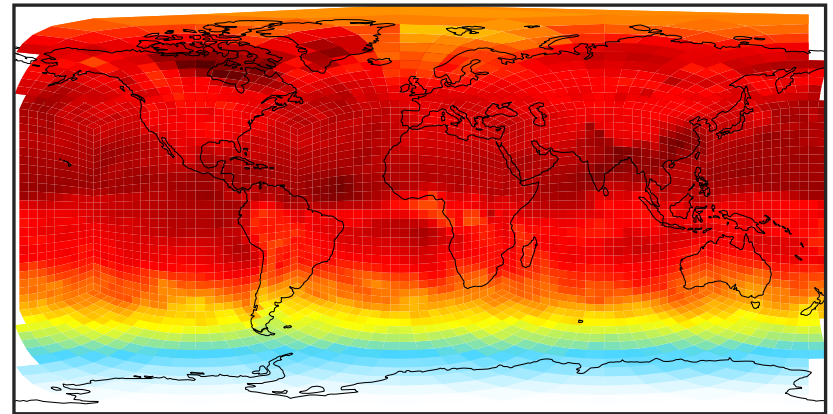
# Jval\_HOCl (Apr2019)

GCC\_14.2.0 (Ref)  
4.0x5.0



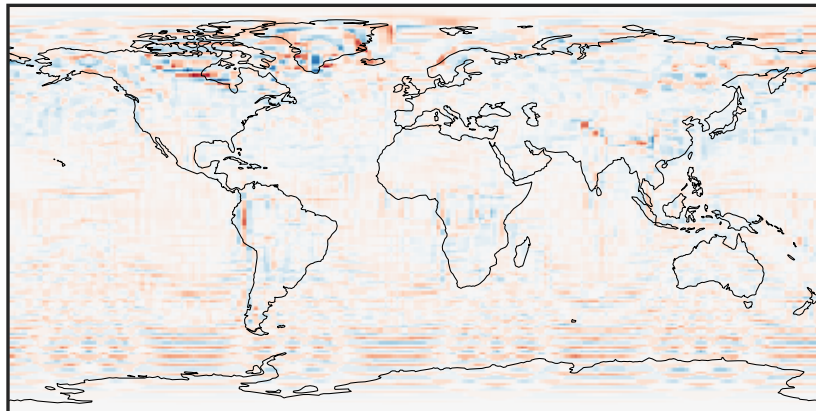
0.00005 0.00010 0.00015  
s-1

GCHP\_14.2.0 (Dev)  
c24



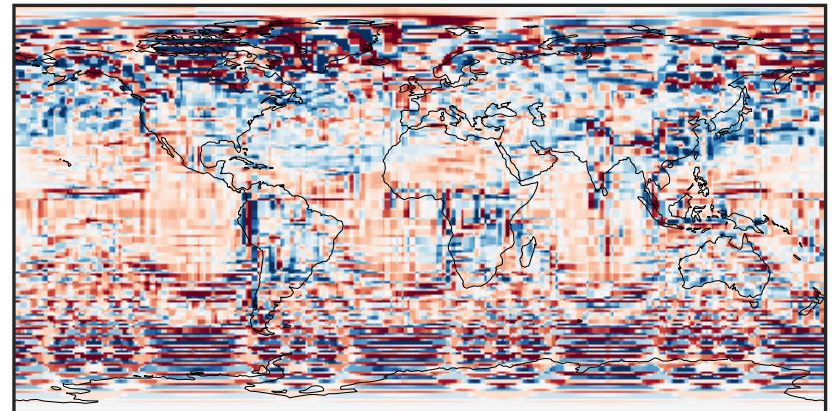
0.00005 0.00010 0.00015  
s-1

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



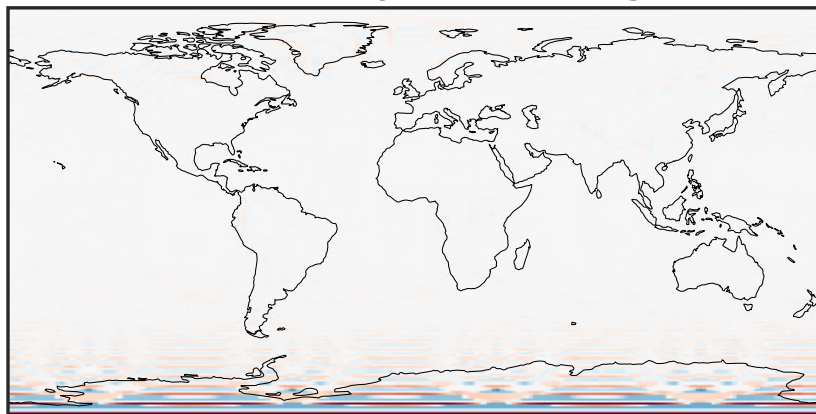
-1.5 0.0 1.5  
s-1 1e-5

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



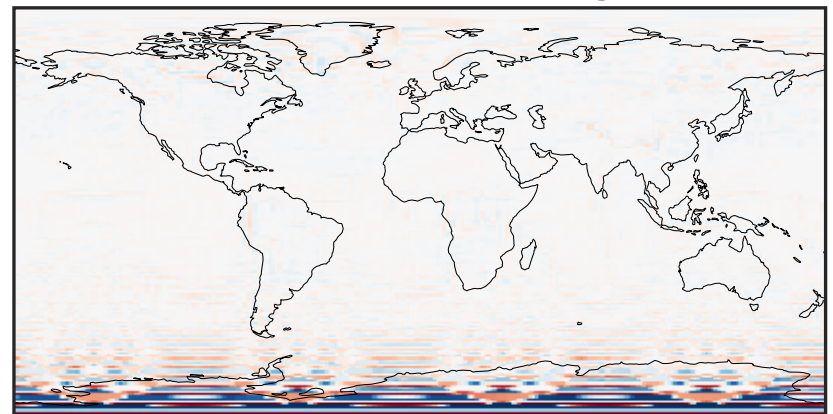
-2.5 0.0 2.5  
s-1 1e-6

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



0.224 0.612 1.000 2.736 4.472  
unitless

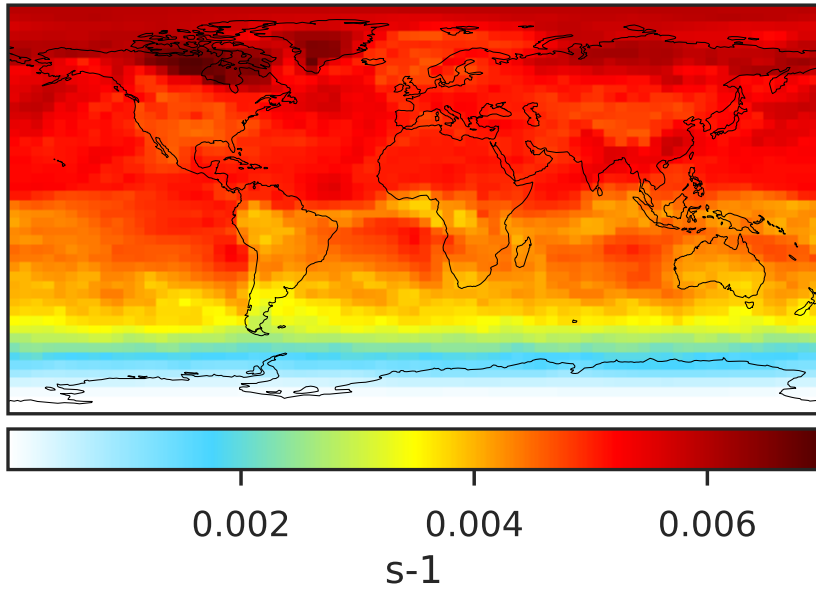
Ratio (1x1.25)  
Dev/Ref, Fixed Range



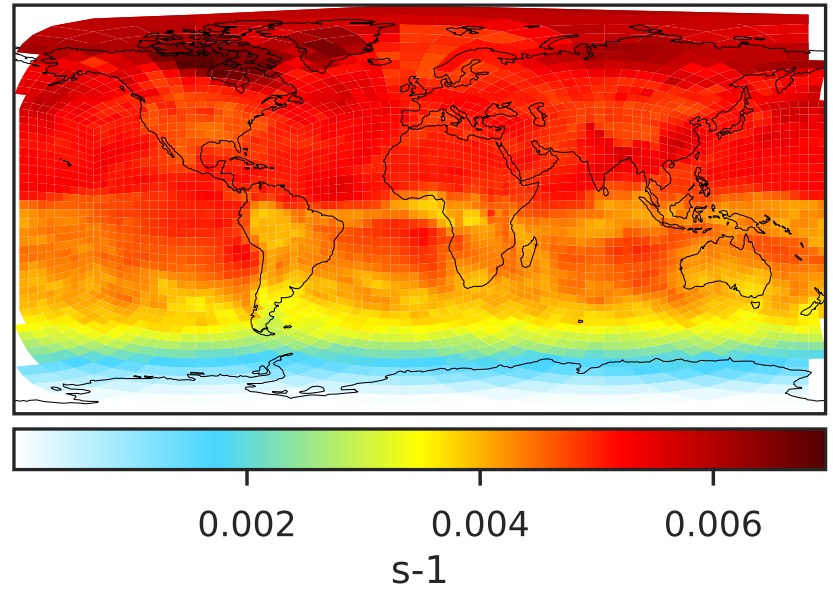
0.50 0.75 1.00 1.50 2.00  
unitless

# Jval\_HOI (Apr2019)

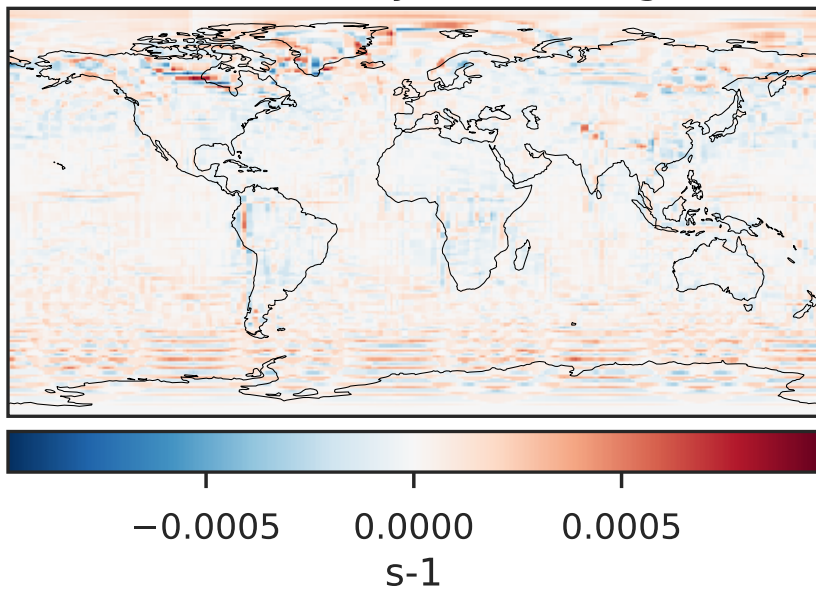
GCC\_14.2.0 (Ref)  
4.0x5.0



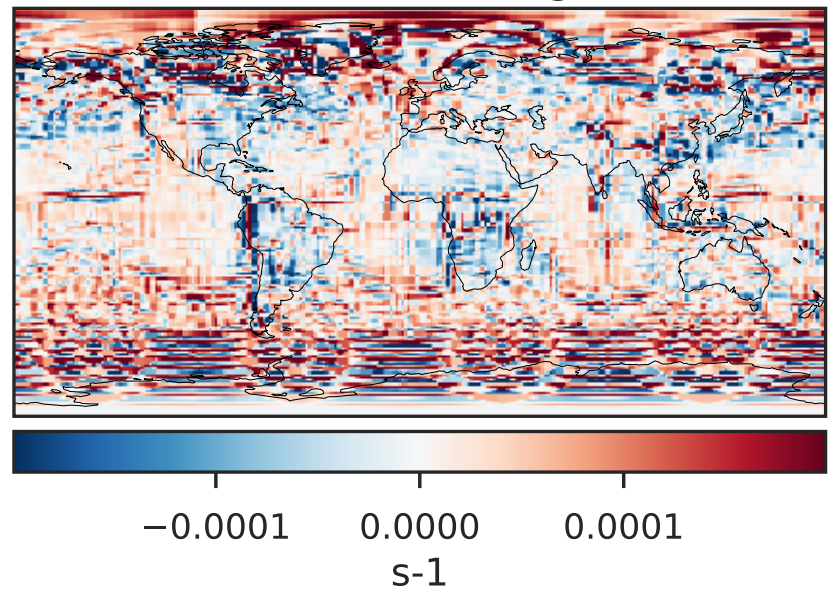
GCHP\_14.2.0 (Dev)  
c24



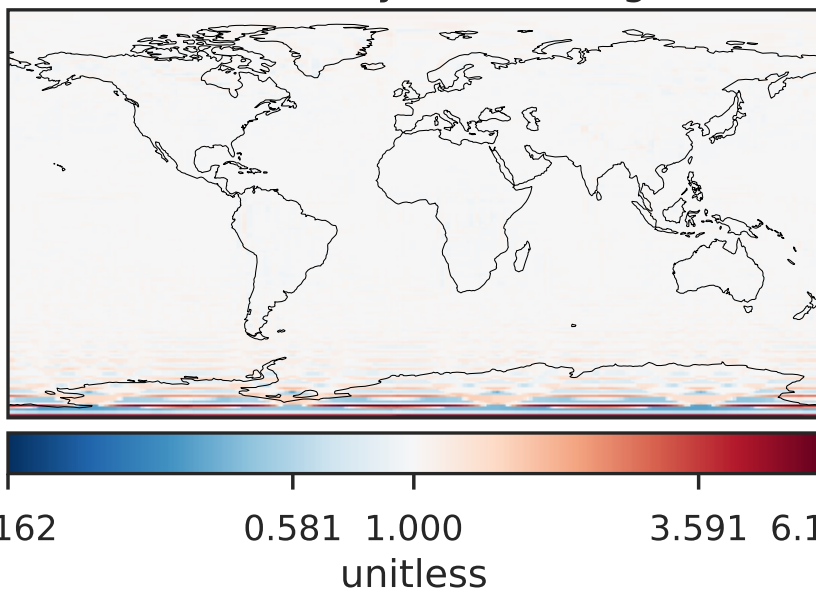
Difference (1x1.25)  
Dev - Ref, Dynamic Range



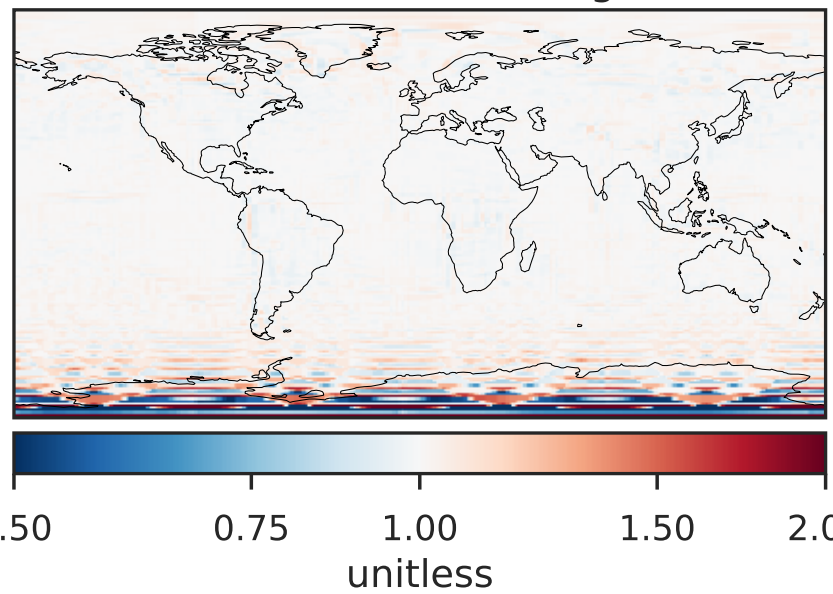
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



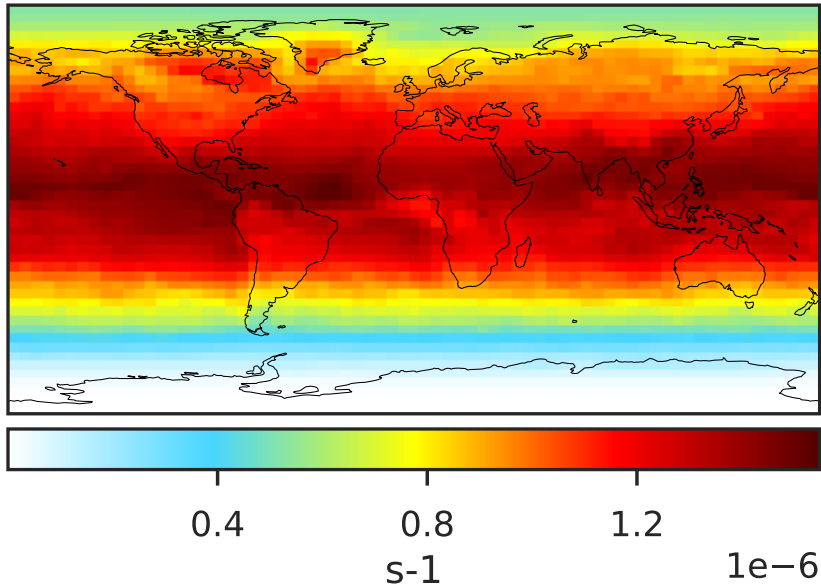
Ratio (1x1.25)  
Dev/Ref, Fixed Range



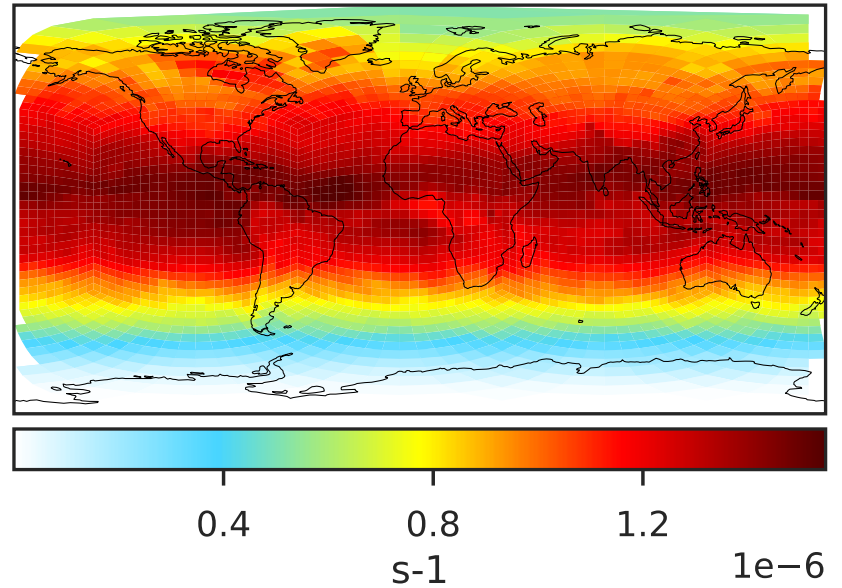


# Jval\_HONIT (Apr2019)

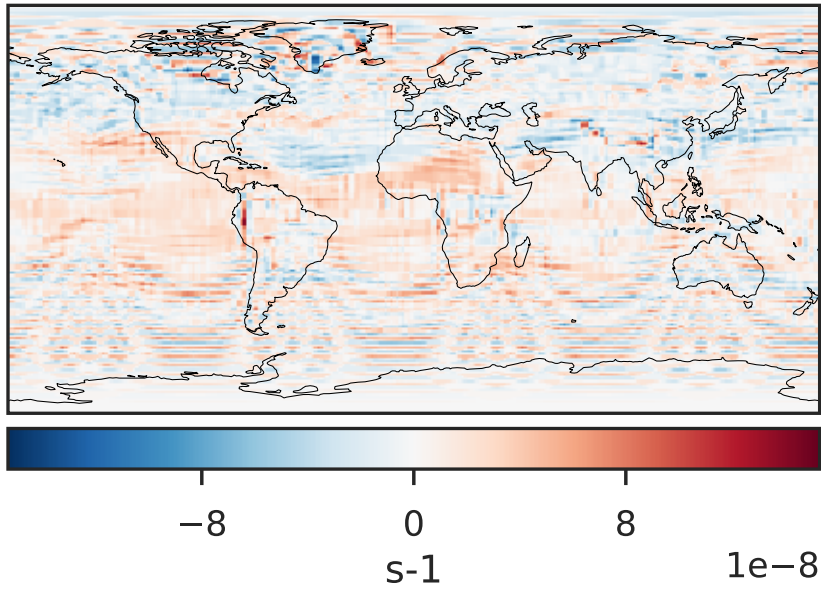
GCC\_14.2.0 (Ref)  
4.0x5.0



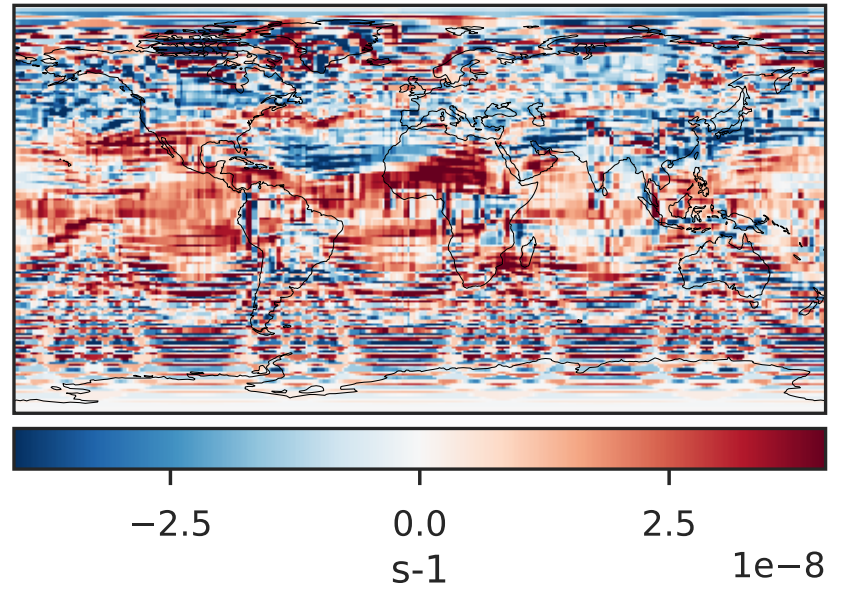
GCHP\_14.2.0 (Dev)  
c24



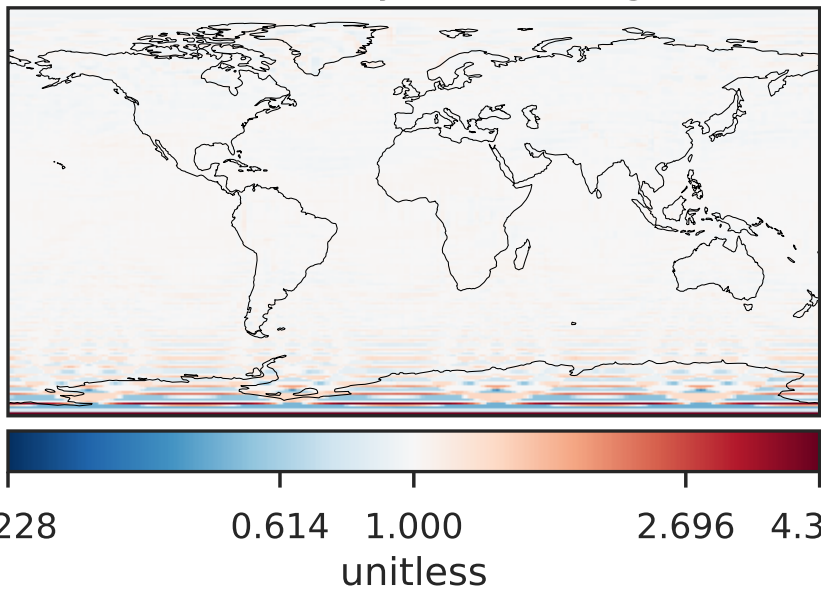
Difference (1x1.25)  
Dev - Ref, Dynamic Range



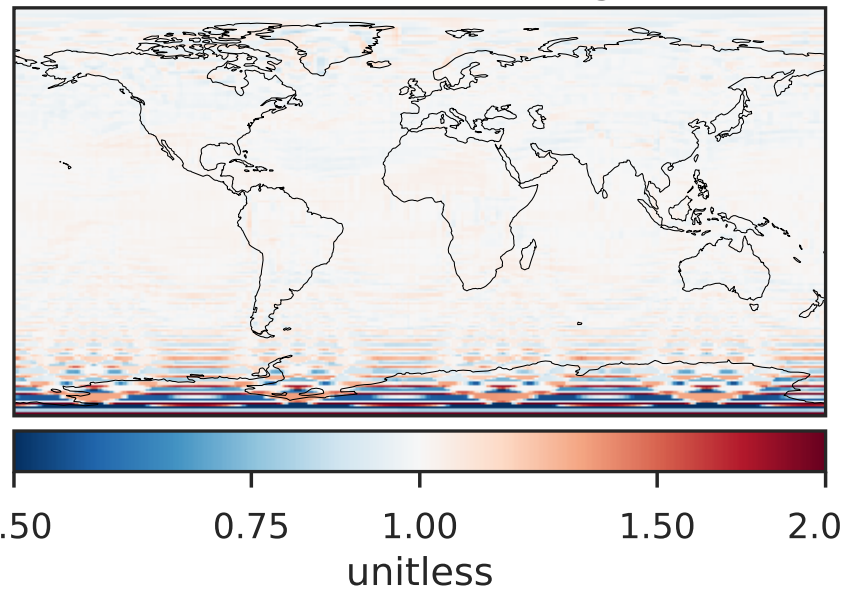
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

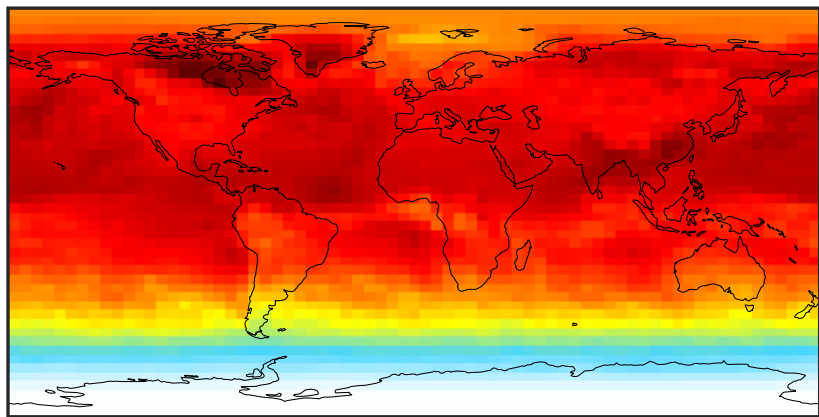


Ratio (1x1.25)  
Dev/Ref, Fixed Range



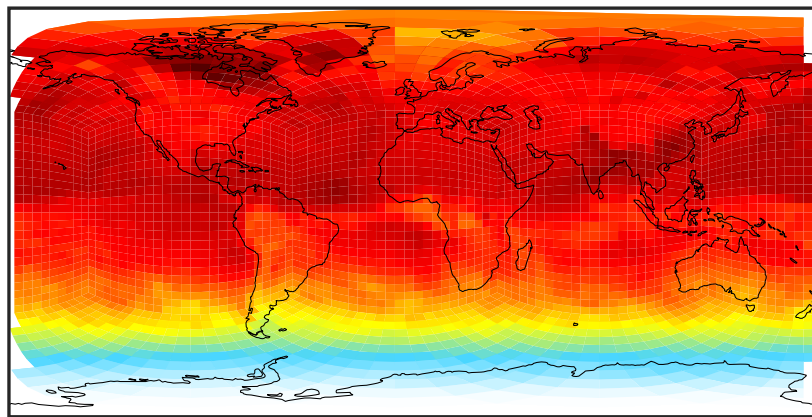
# Jval\_HPALD1 (Apr2019)

GCC\_14.2.0 (Ref)  
4.0x5.0



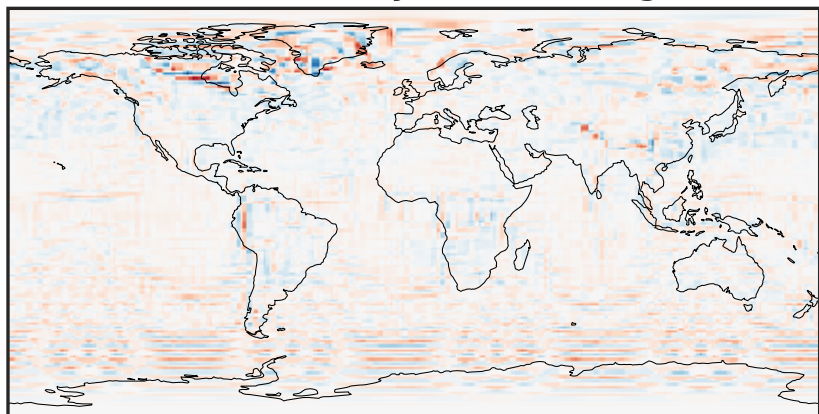
0.00006 0.00012 0.00018  
s-1

GCHP\_14.2.0 (Dev)  
c24



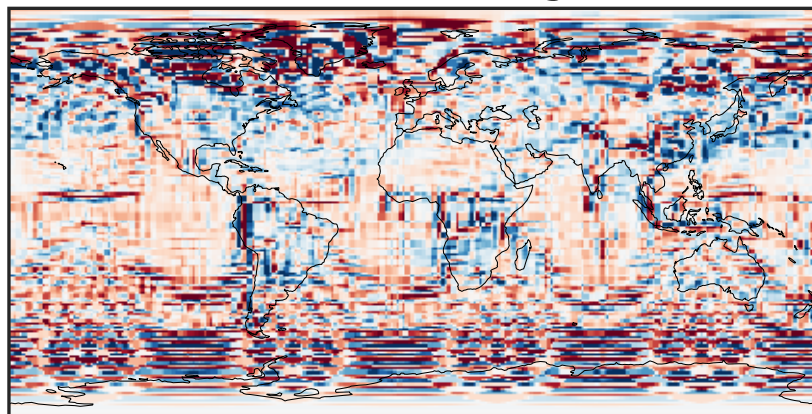
0.00006 0.00012 0.00018  
s-1

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



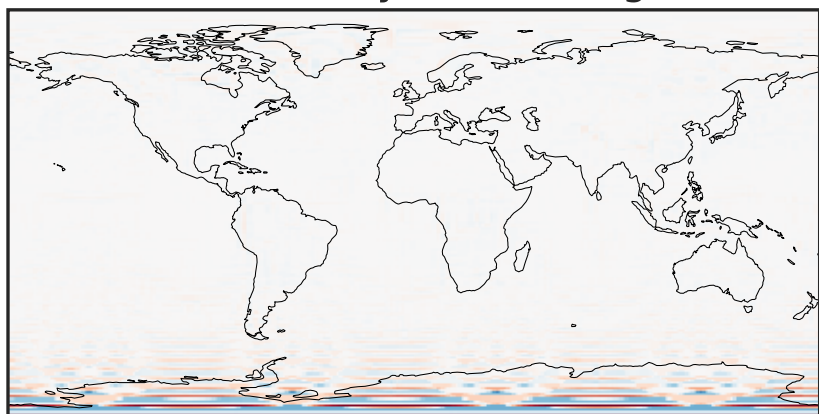
-1.5 0.0 1.5  
s-1 1e-5

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



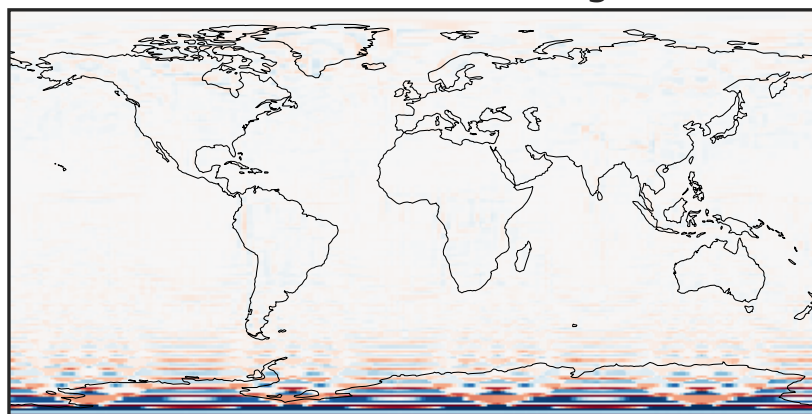
-3 0 3  
s-1 1e-6

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



0.225 0.612 1.000 2.725 4.450  
unitless

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

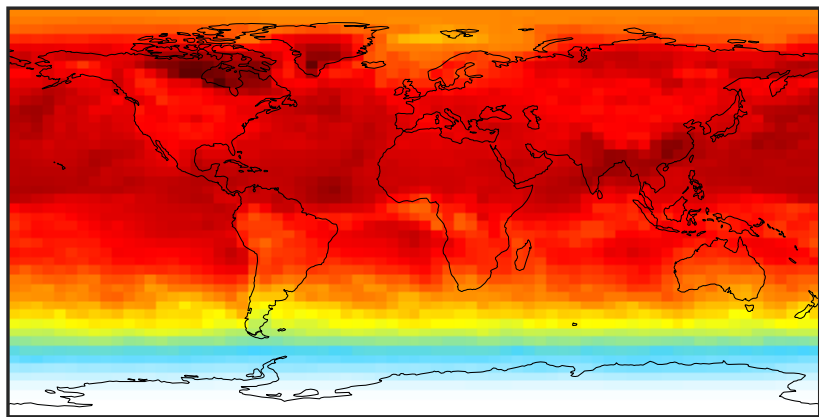


0.50 0.75 1.00 1.50 2.00  
unitless



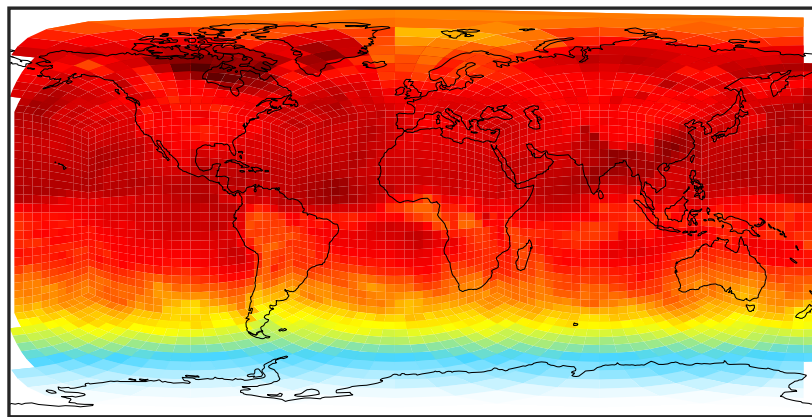
# Jval\_HPALD2 (Apr2019)

GCC\_14.2.0 (Ref)  
4.0x5.0



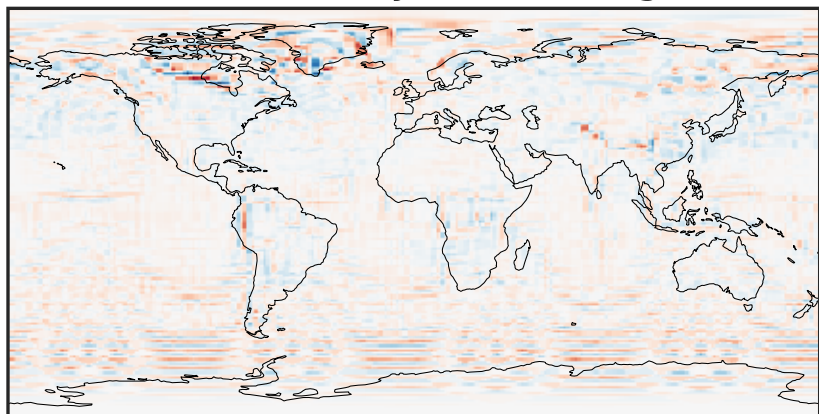
0.00006 0.00012 0.00018  
s-1

GCHP\_14.2.0 (Dev)  
c24



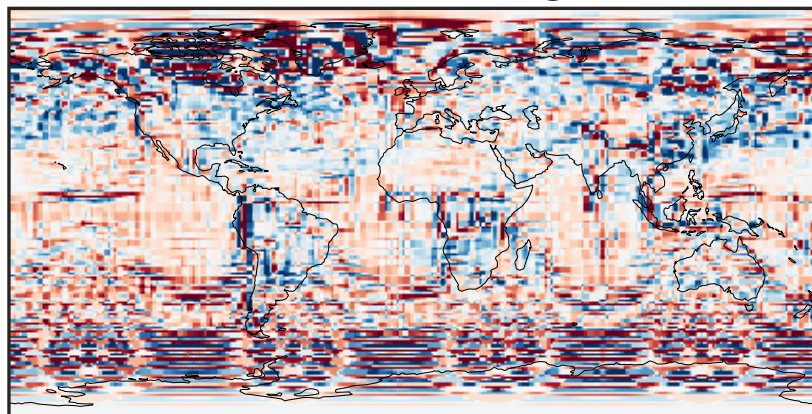
0.00006 0.00012 0.00018  
s-1

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



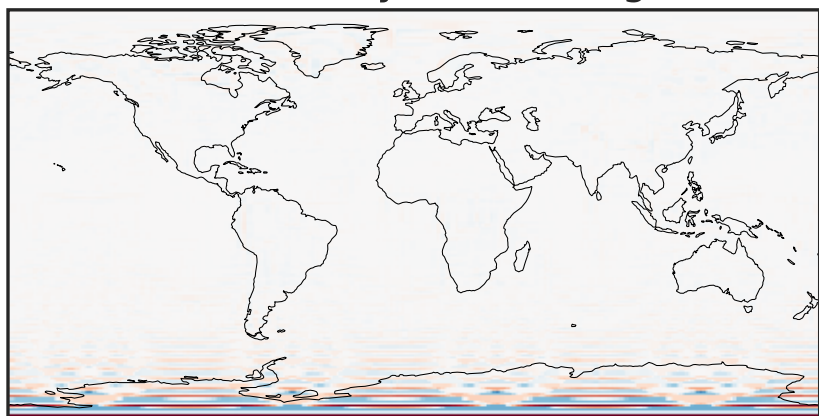
-1.5 0.0 1.5  
s-1 1e-5

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



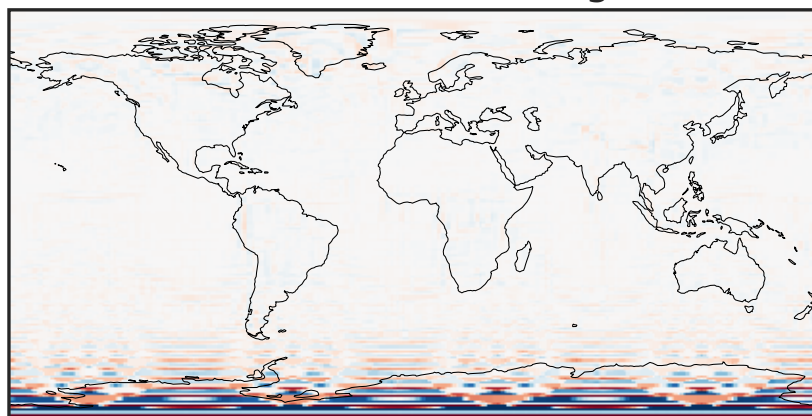
-3 0 3  
s-1 1e-6

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



0.225 0.612 1.000 2.725 4.450  
unitless

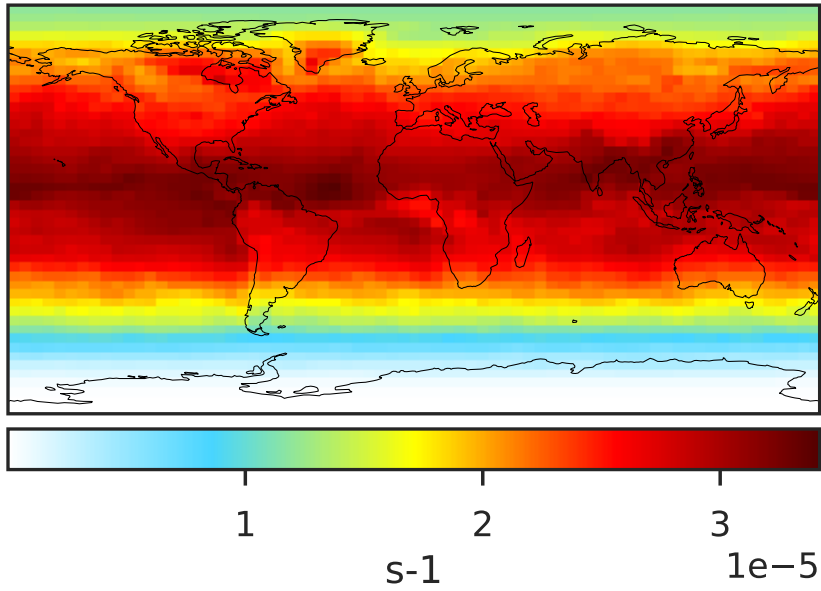
Ratio (1x1.25)  
Dev/Ref, Fixed Range



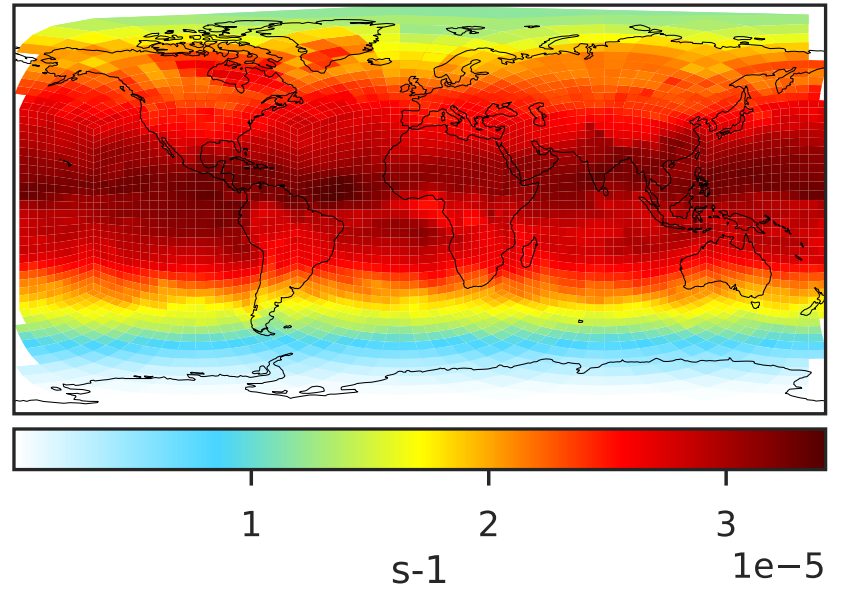
0.50 0.75 1.00 1.50 2.00  
unitless

# Jval\_HPALD3 (Apr2019)

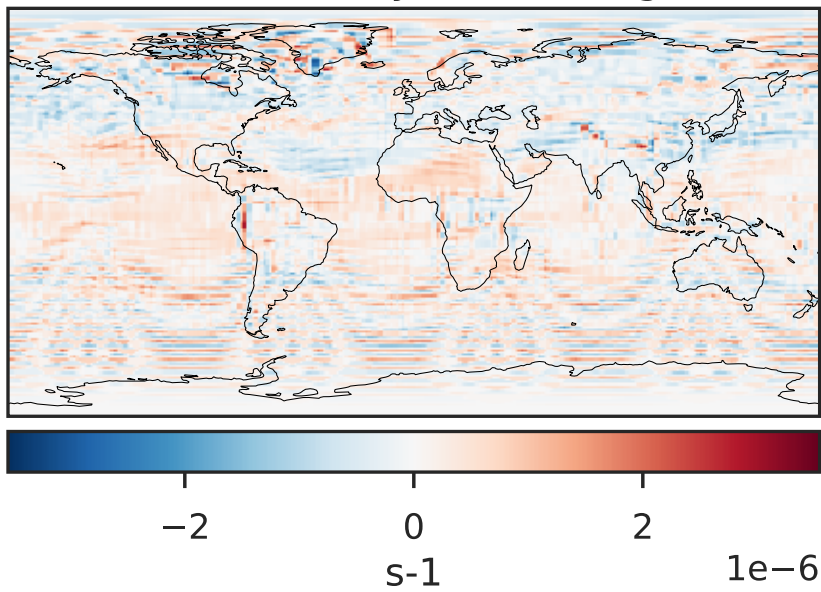
GCC\_14.2.0 (Ref)  
4.0x5.0



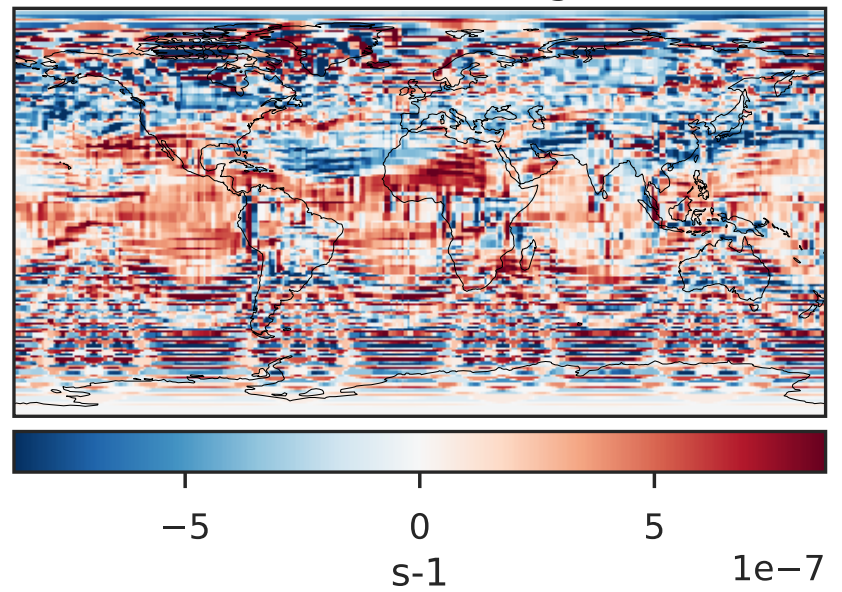
GCHP\_14.2.0 (Dev)  
c24



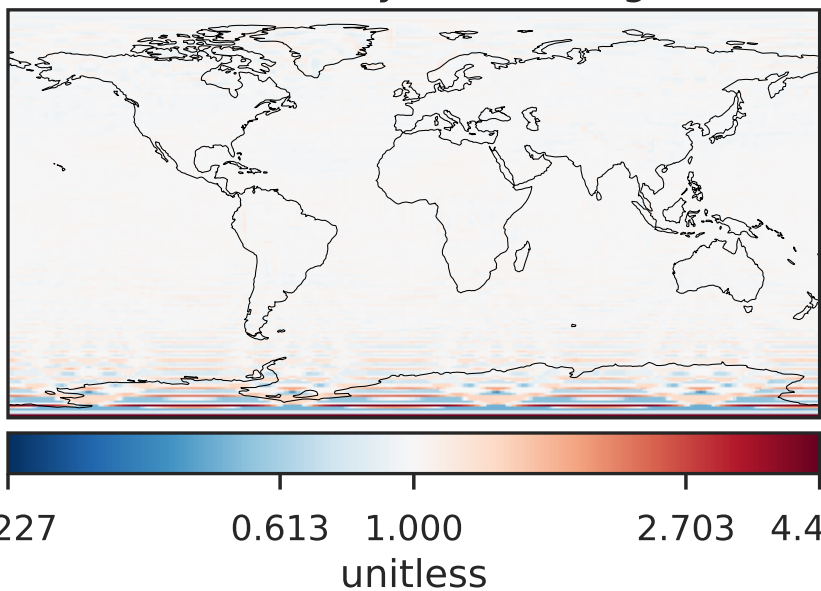
Difference (1x1.25)  
Dev - Ref, Dynamic Range



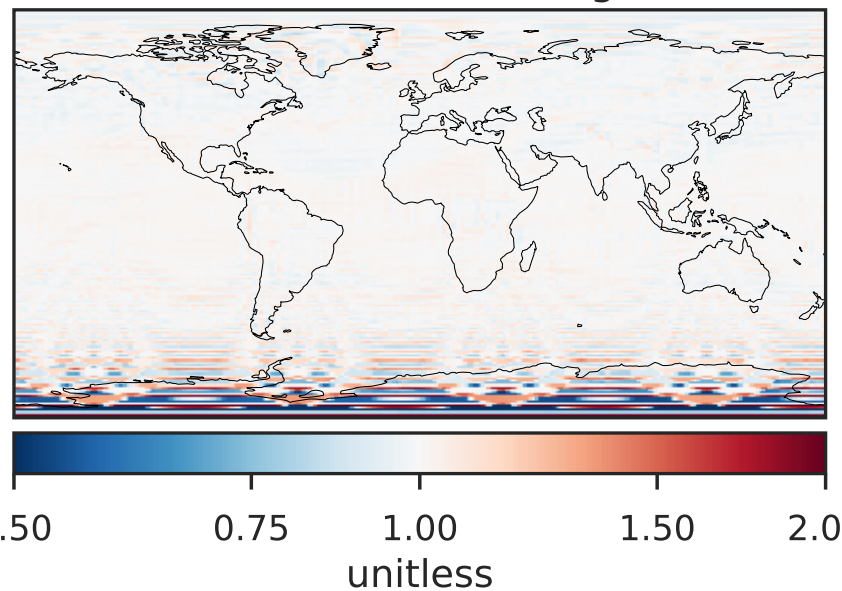
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



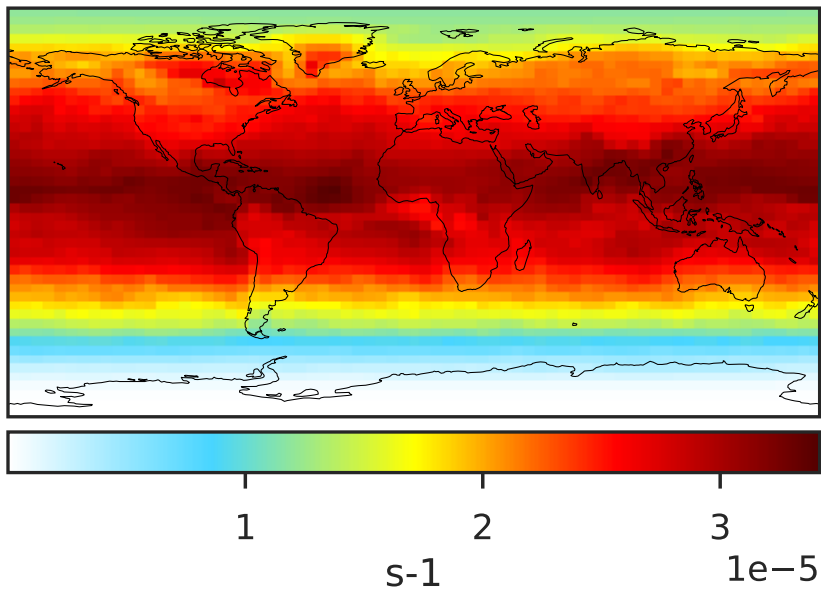
Ratio (1x1.25)  
Dev/Ref, Fixed Range



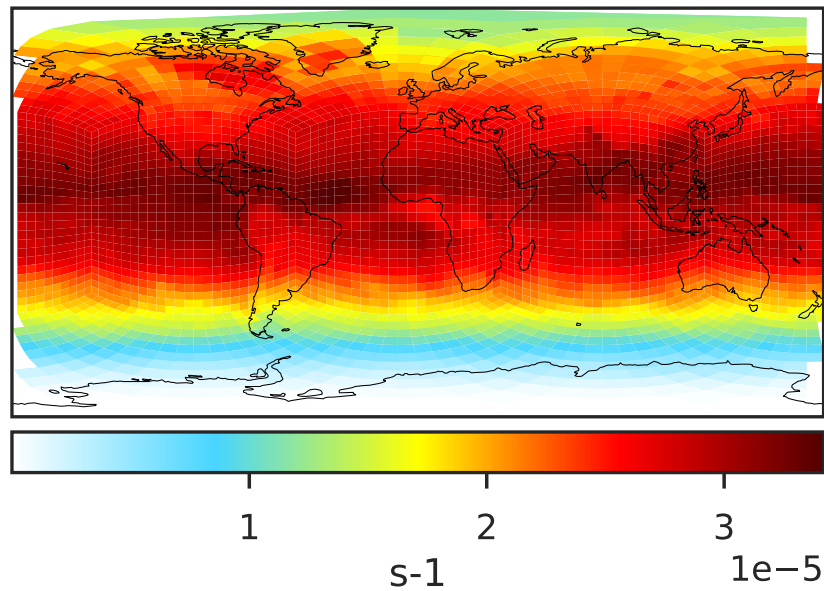


# Jval\_HPALD4 (Apr2019)

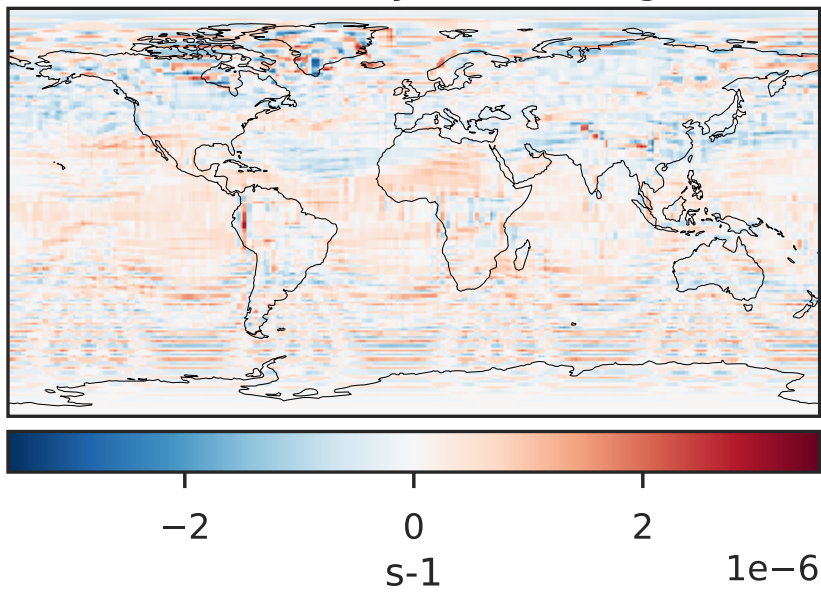
GCC\_14.2.0 (Ref)  
4.0x5.0



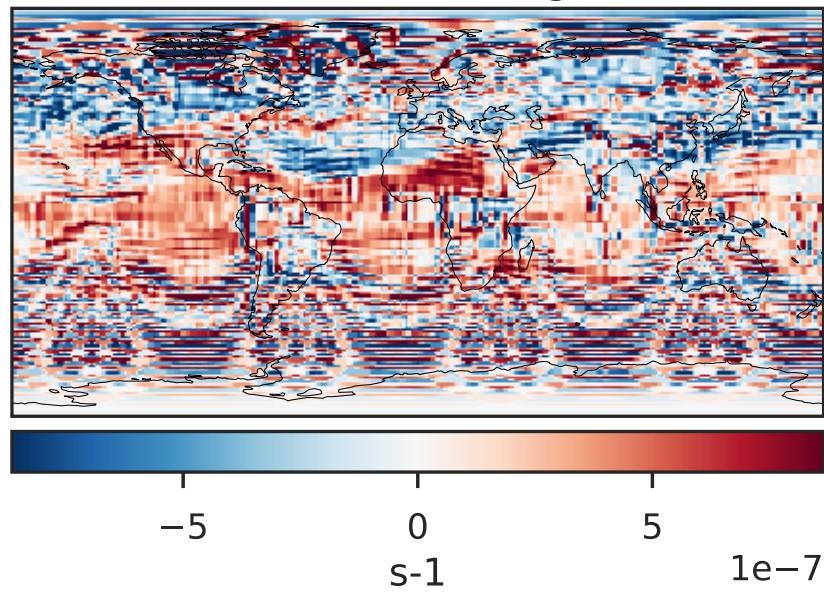
GCHP\_14.2.0 (Dev)  
c24



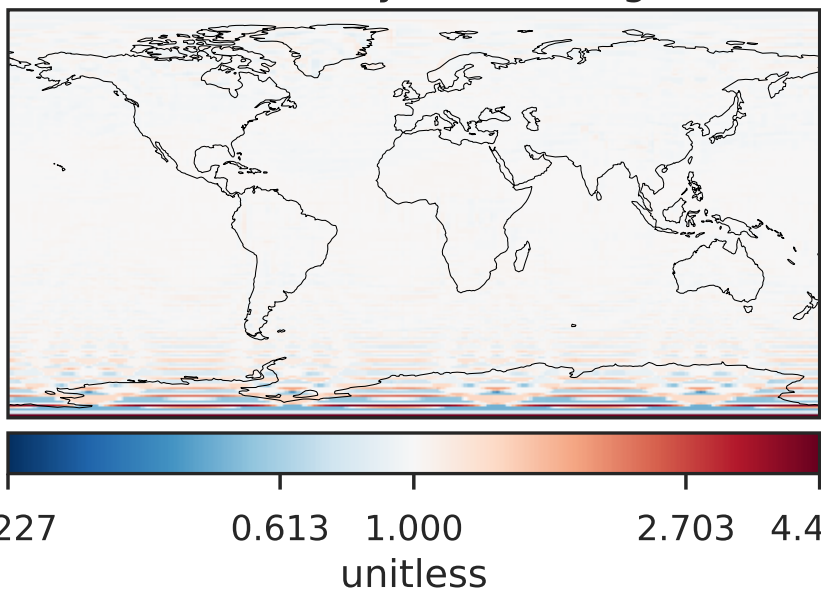
Difference (1x1.25)  
Dev - Ref, Dynamic Range



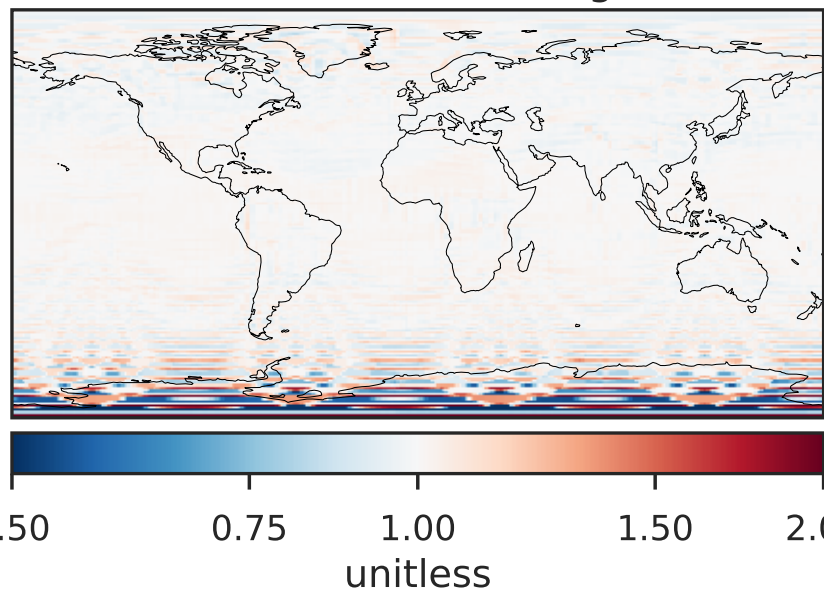
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

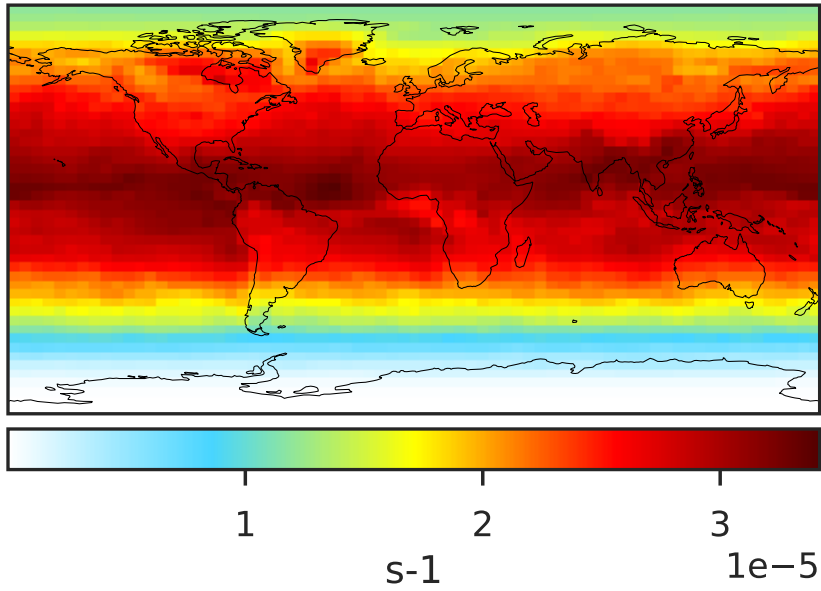


Ratio (1x1.25)  
Dev/Ref, Fixed Range

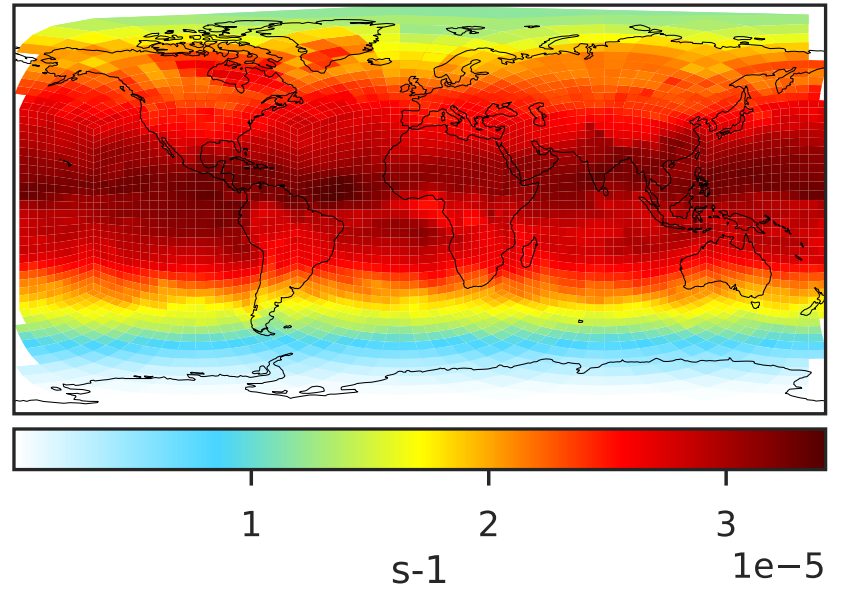


# Jval\_HPETHNL (Apr2019)

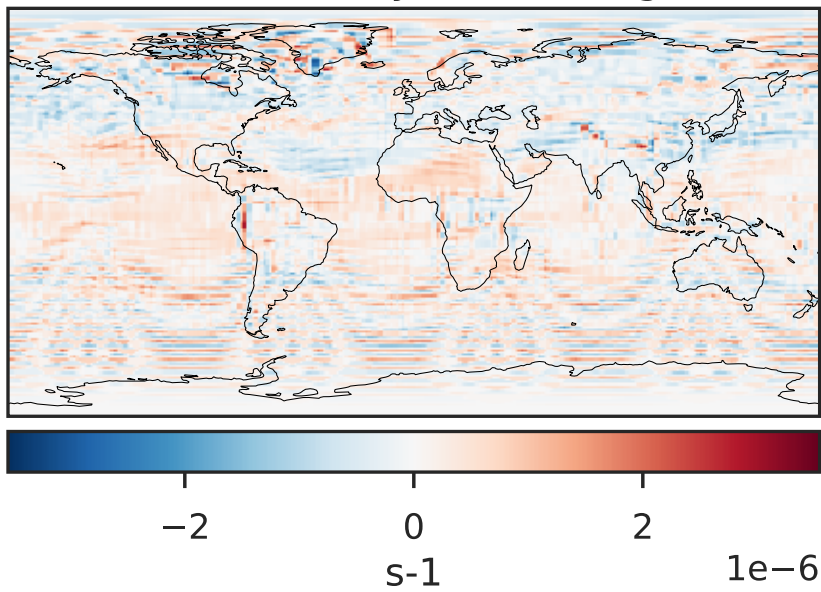
GCC\_14.2.0 (Ref)  
4.0x5.0



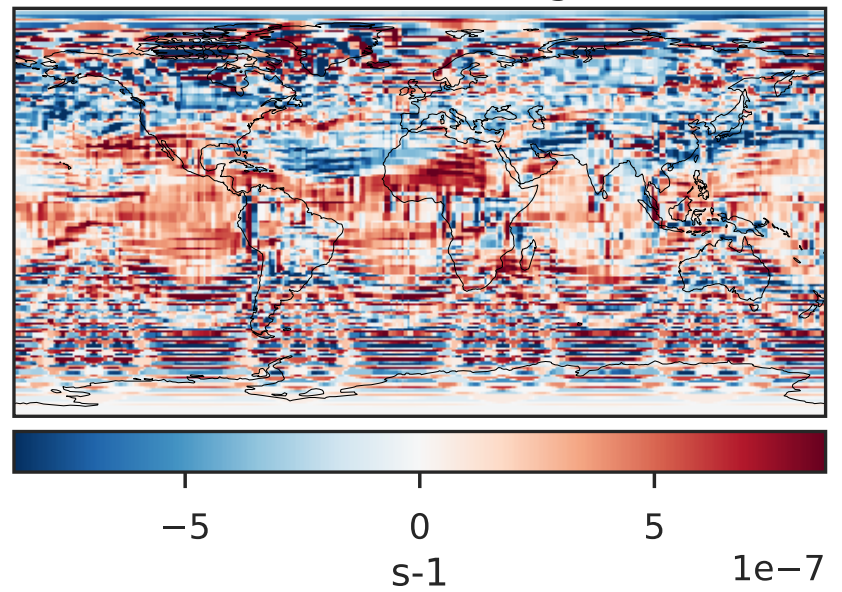
GCHP\_14.2.0 (Dev)  
c24



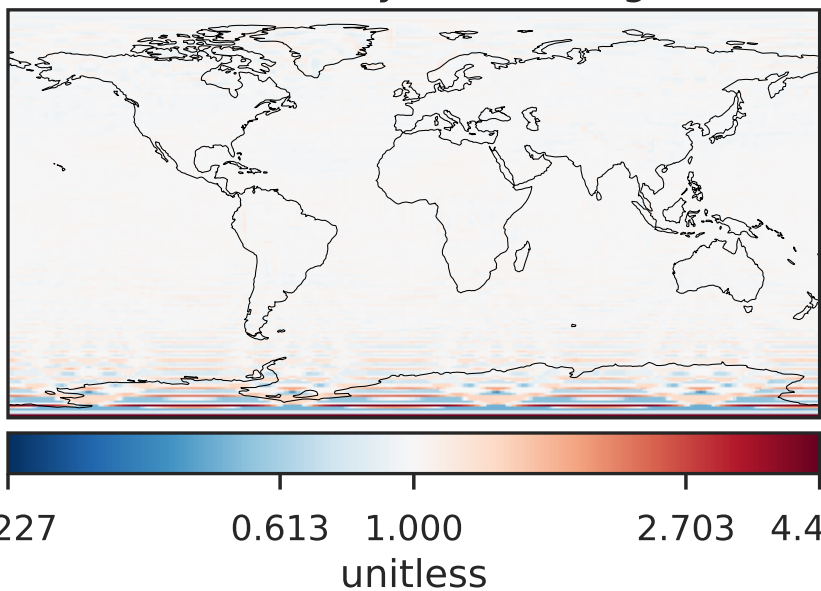
Difference (1x1.25)  
Dev - Ref, Dynamic Range



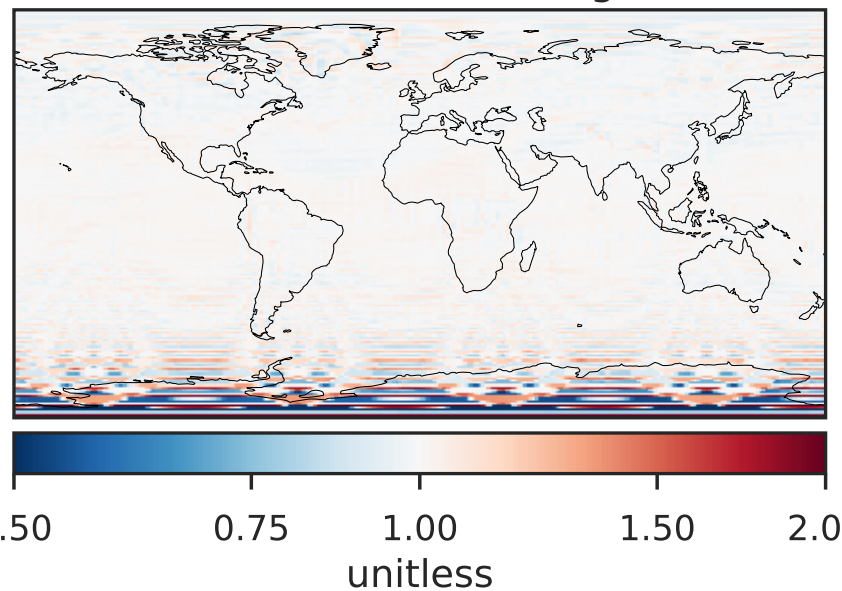
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



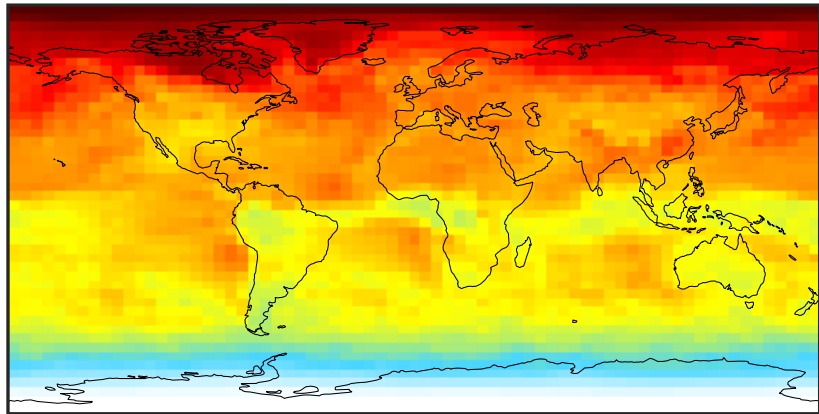
Ratio (1x1.25)  
Dev/Ref, Fixed Range





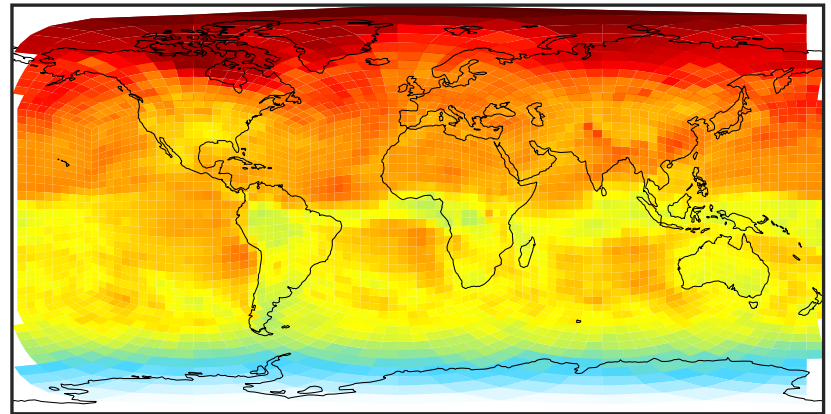
# Jval\_I2 (Apr2019)

GCC\_14.2.0 (Ref)  
4.0x5.0



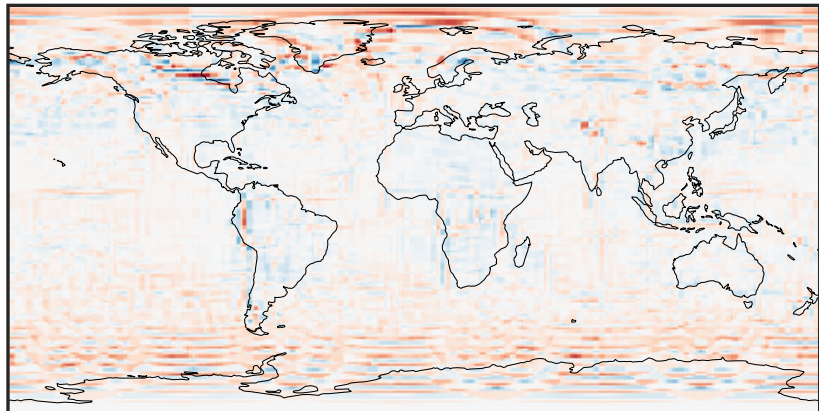
0.0000 0.0438 0.0876 0.1314 0.1752  
s-1

GCHP\_14.2.0 (Dev)  
c24



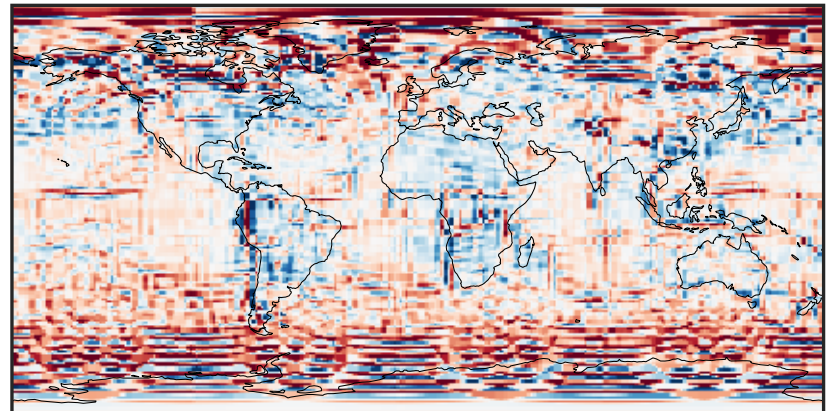
0.0000 0.0438 0.0876 0.1314 0.1752  
s-1

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



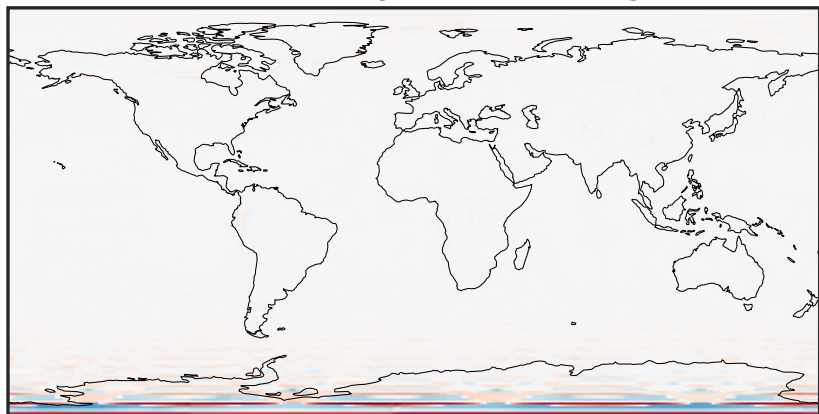
-0.015 0.000 0.015  
s-1

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



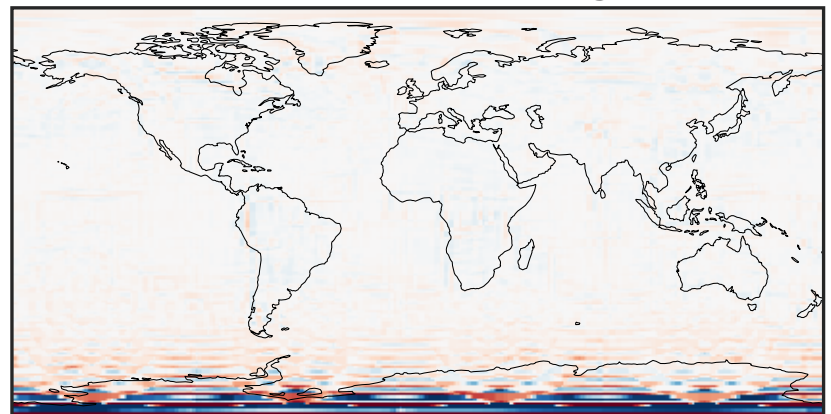
-0.003 0.000 0.003  
s-1

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



0.107 0.553 1.000 5.188 9.375  
unitless

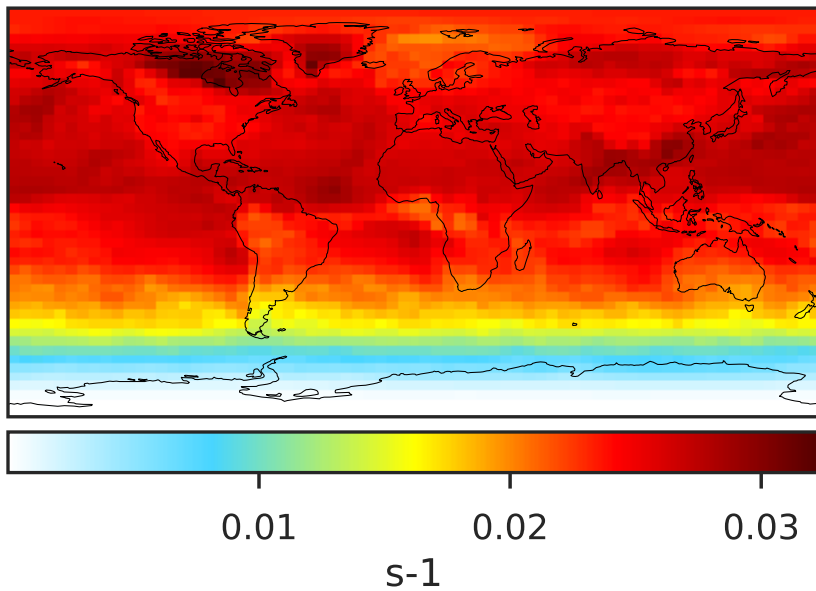
Ratio (1x1.25)  
Dev/Ref, Fixed Range



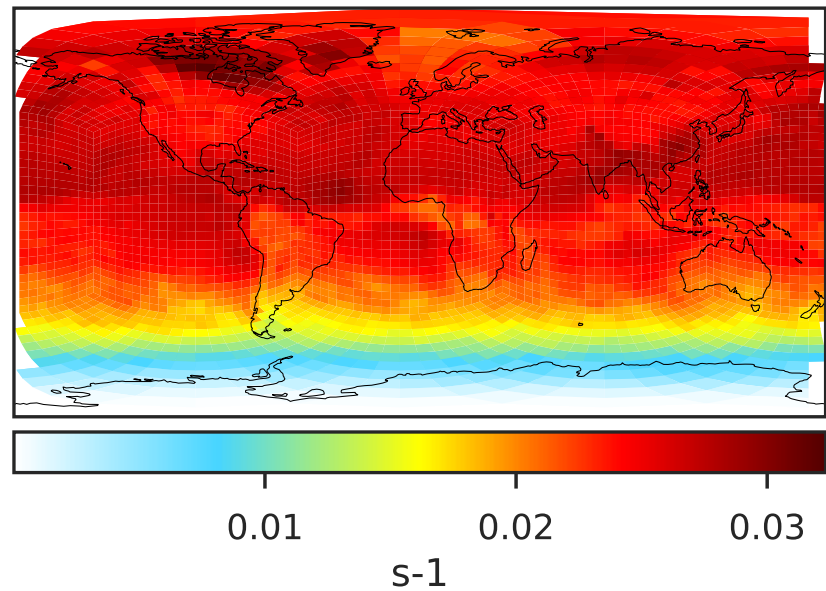
0.50 0.75 1.00 1.50 2.00  
unitless

# Jval\_I2O2 (Apr2019)

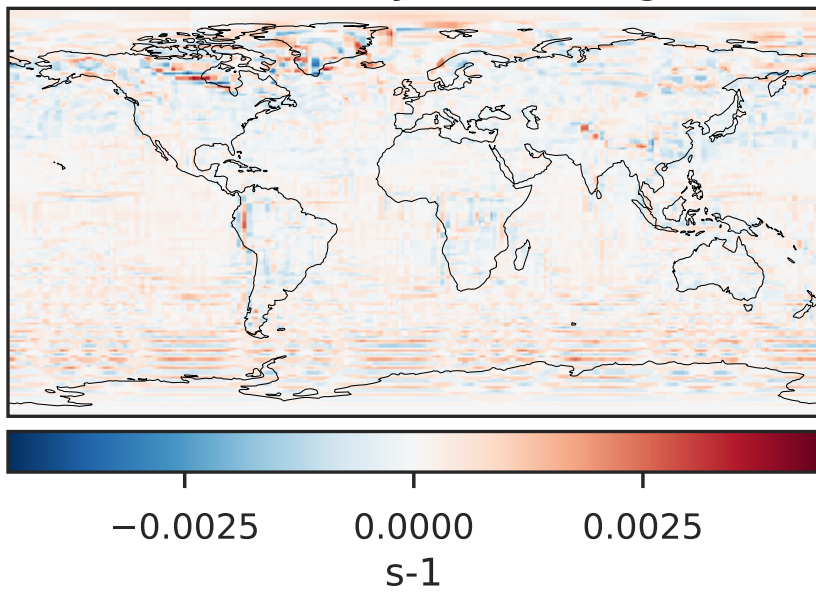
GCC\_14.2.0 (Ref)  
4.0x5.0



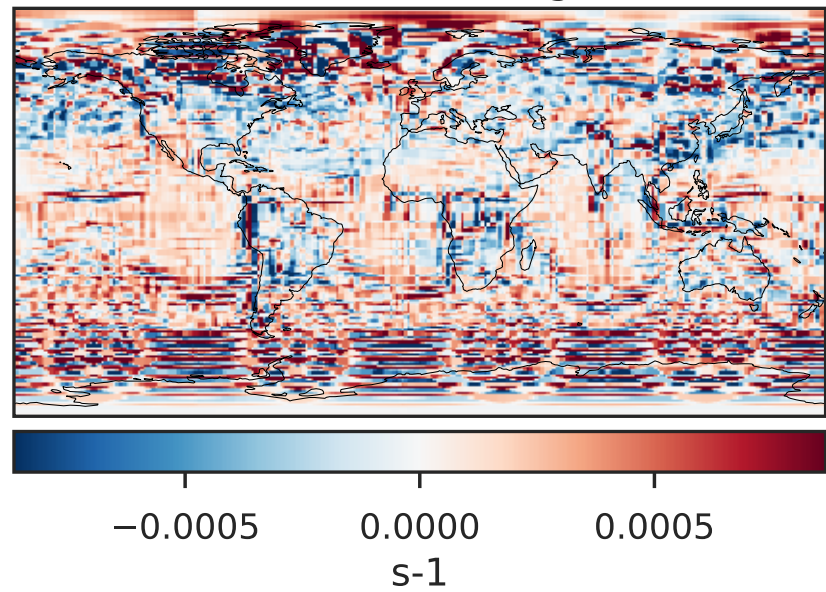
GCHP\_14.2.0 (Dev)  
c24



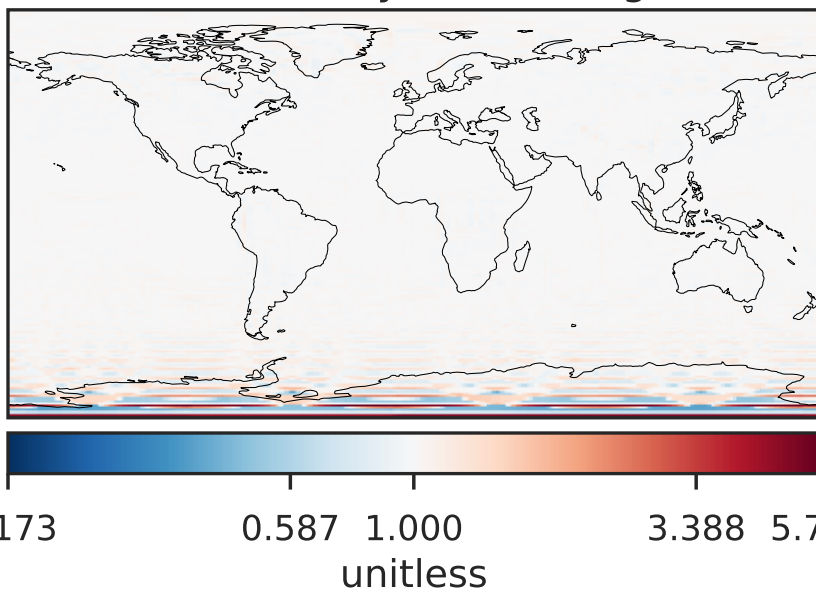
Difference (1x1.25)  
Dev - Ref, Dynamic Range



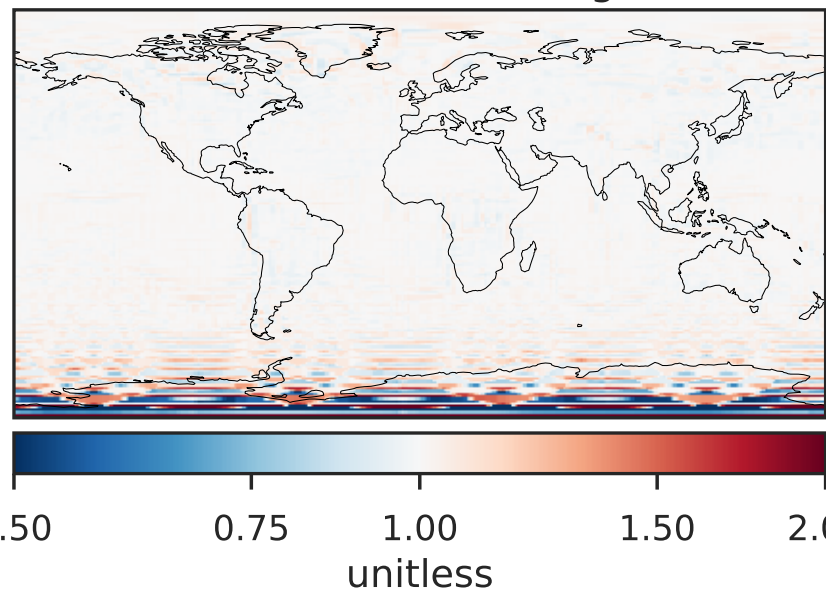
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



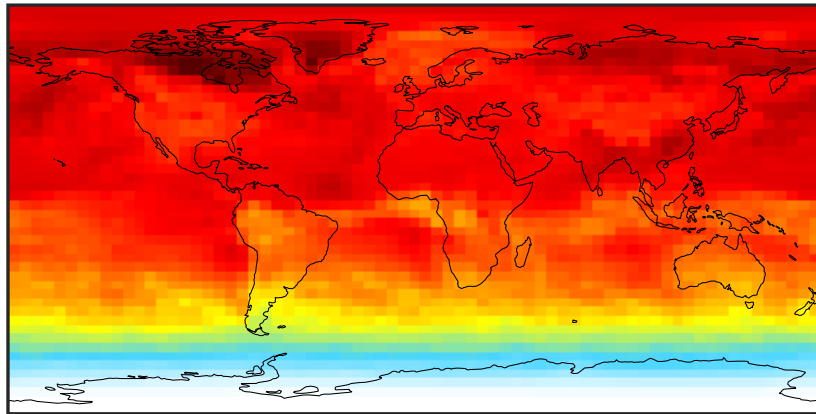
Ratio (1x1.25)  
Dev/Ref, Fixed Range





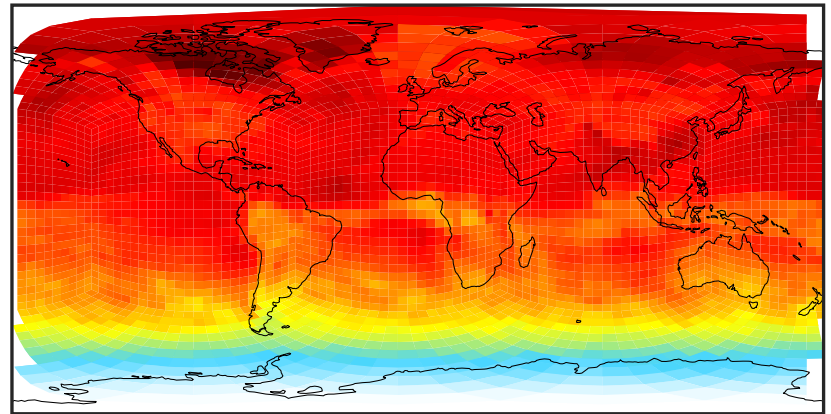
# Jval\_I203 (Apr2019)

GCC\_14.2.0 (Ref)  
4.0x5.0



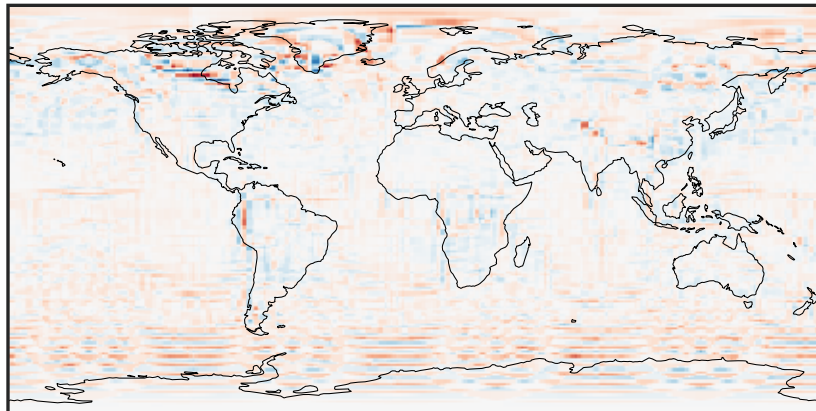
0.008 0.016 0.024  
s-1

GCHP\_14.2.0 (Dev)  
c24



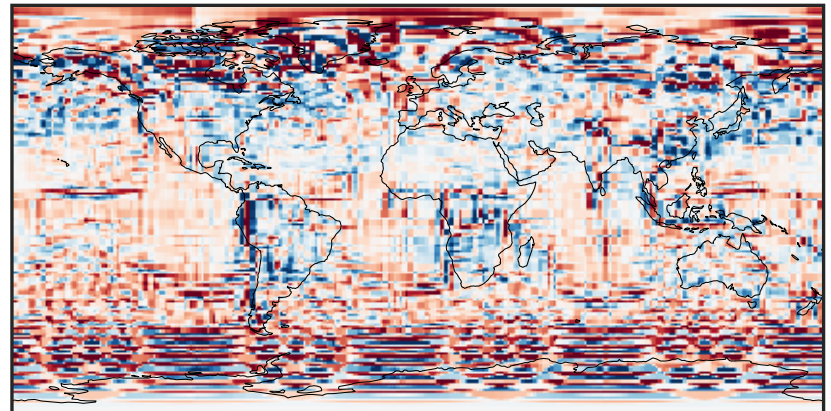
0.008 0.016 0.024  
s-1

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



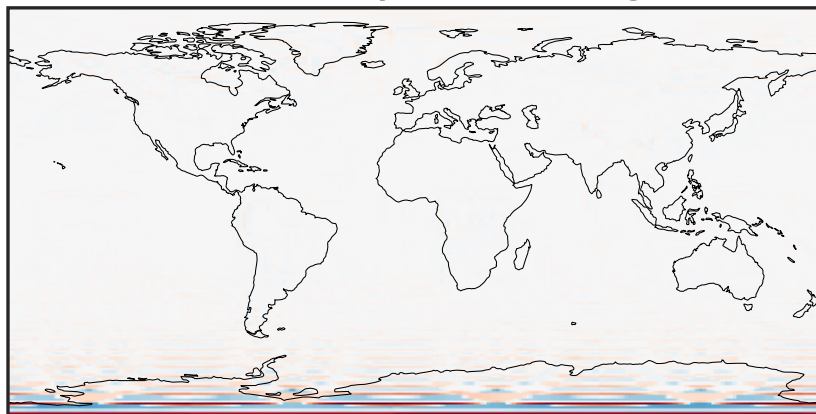
-0.0025 0.0000 0.0025  
s-1

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



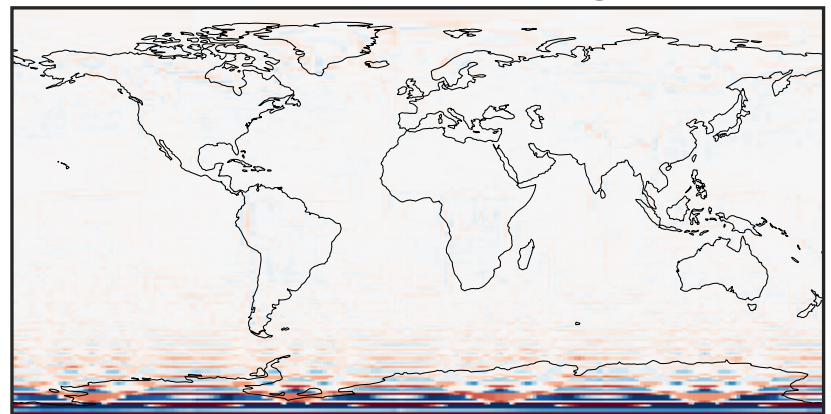
-0.0005 0.0000 0.0005  
s-1

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



0.169 0.584 1.000 3.463 5.927  
unitless

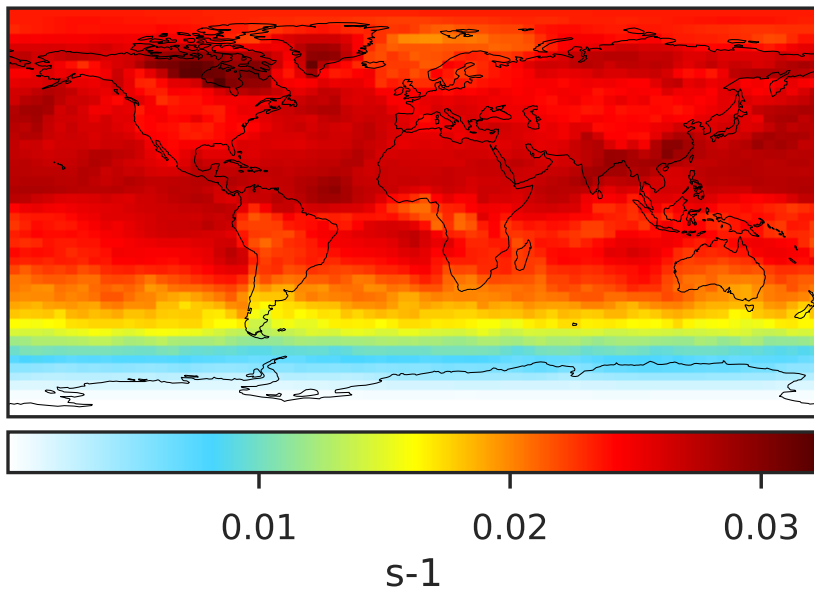
Ratio (1x1.25)  
Dev/Ref, Fixed Range



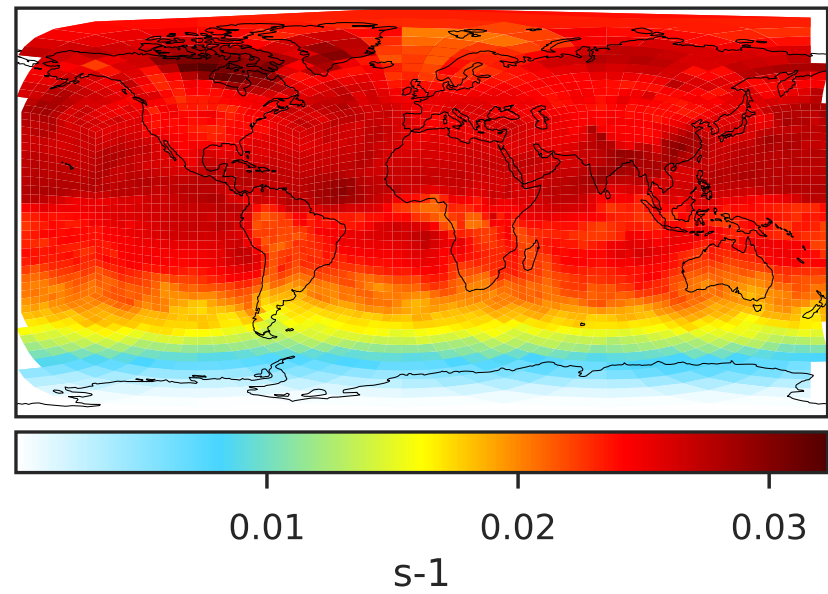
0.50 0.75 1.00 1.50 2.00  
unitless

# Jval\_I2O4 (Apr2019)

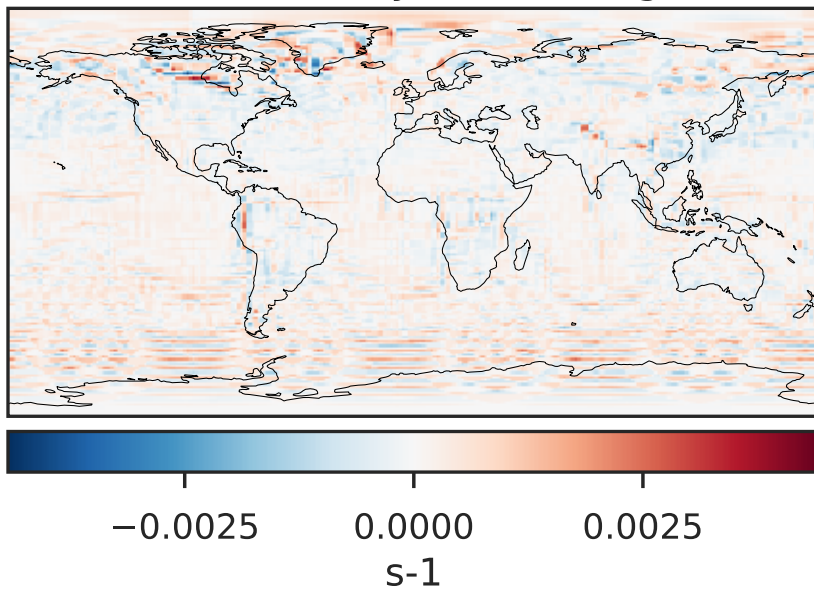
GCC\_14.2.0 (Ref)  
4.0x5.0



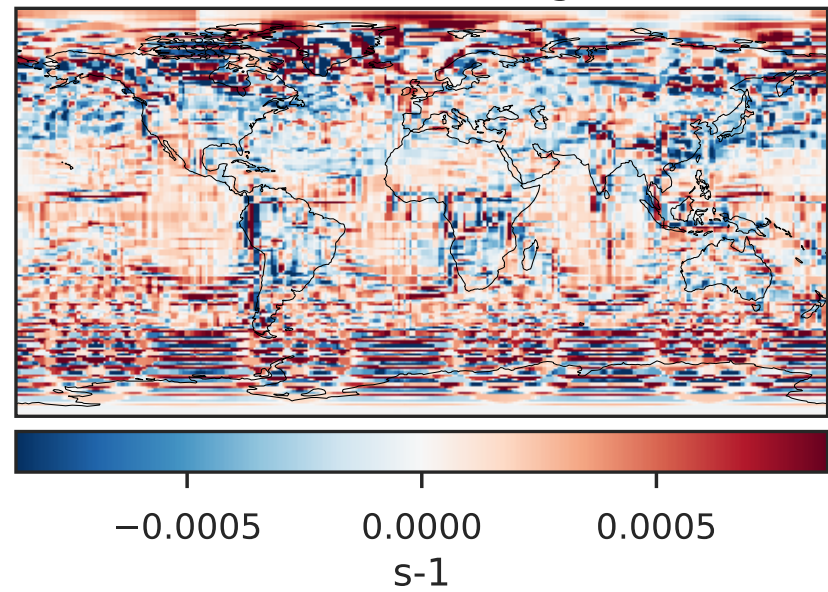
GCHP\_14.2.0 (Dev)  
c24



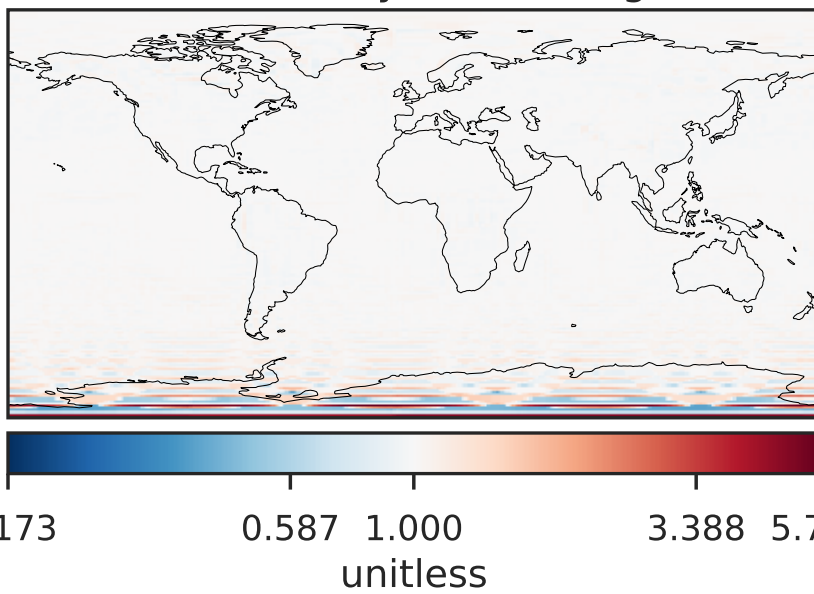
Difference (1x1.25)  
Dev - Ref, Dynamic Range



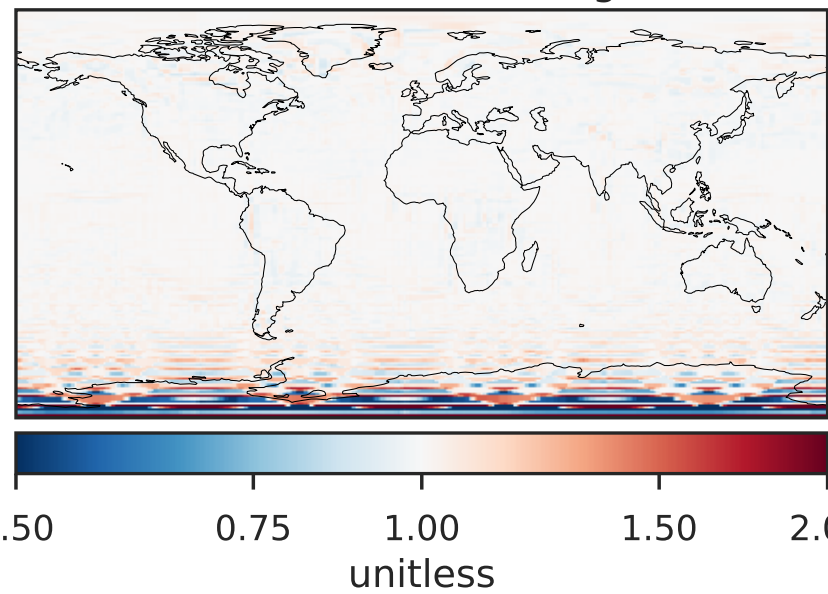
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



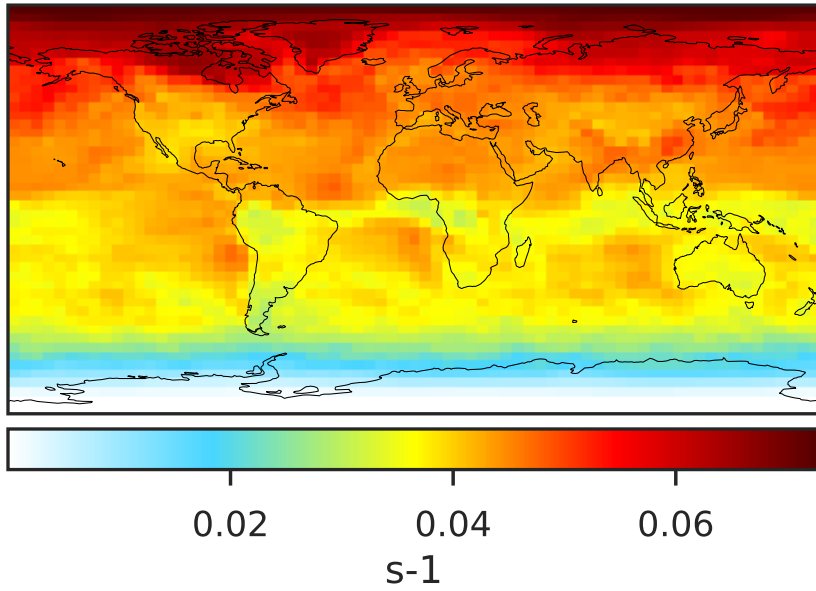
Ratio (1x1.25)  
Dev/Ref, Fixed Range



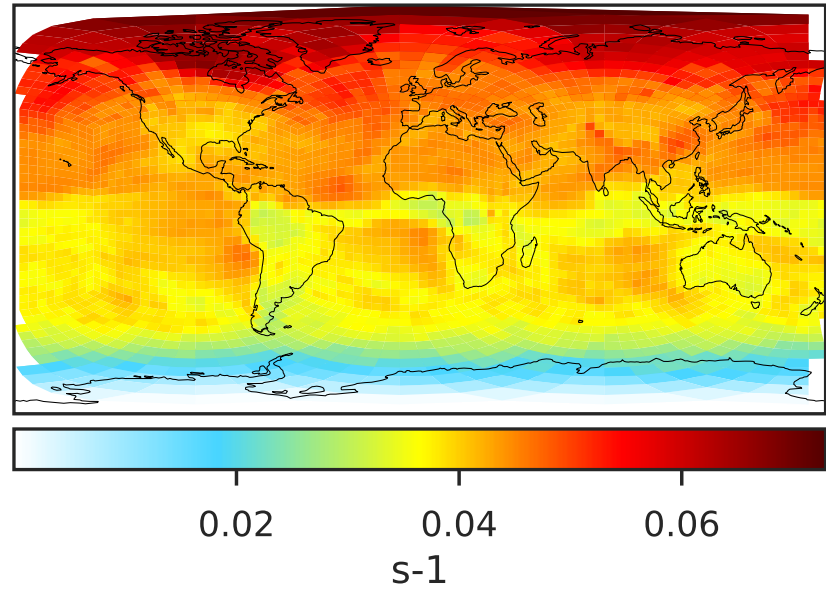


# Jval\_IBr (Apr2019)

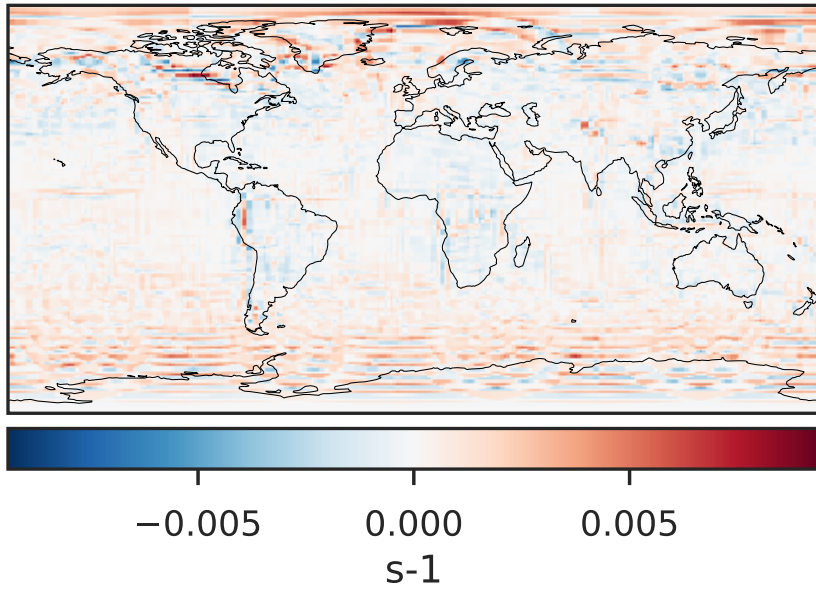
GCC\_14.2.0 (Ref)  
4.0x5.0



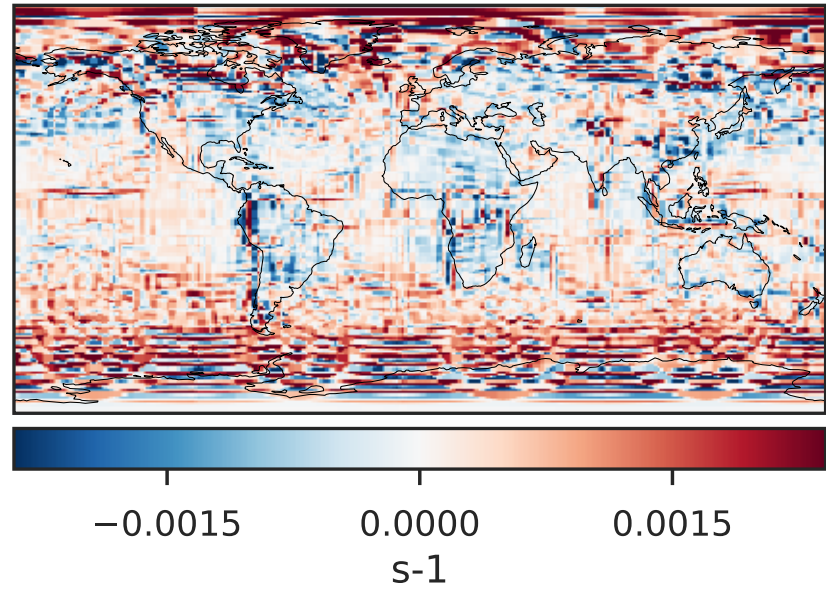
GCHP\_14.2.0 (Dev)  
c24



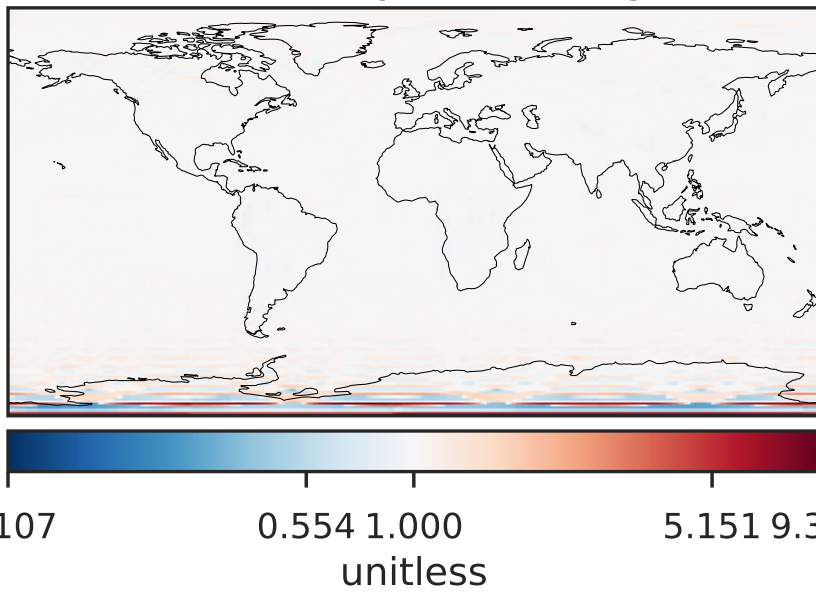
Difference (1x1.25)  
Dev - Ref, Dynamic Range



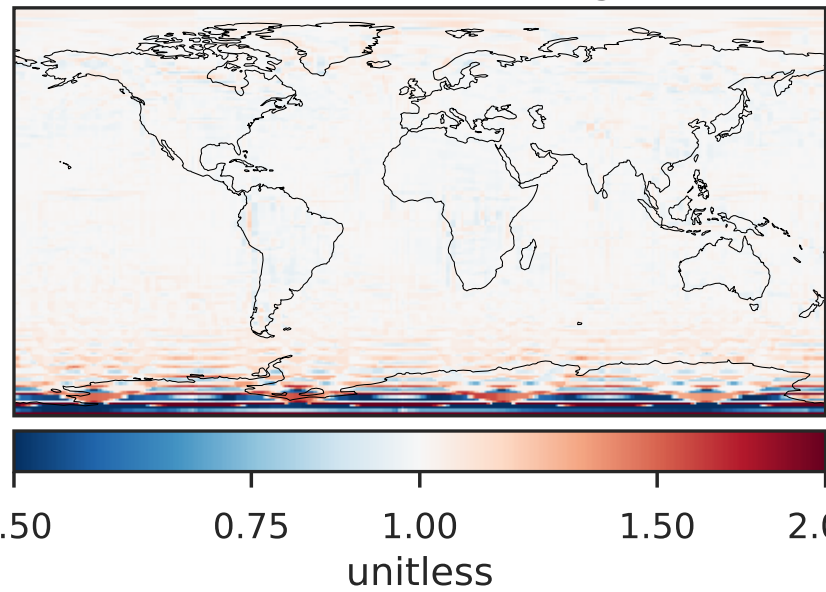
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

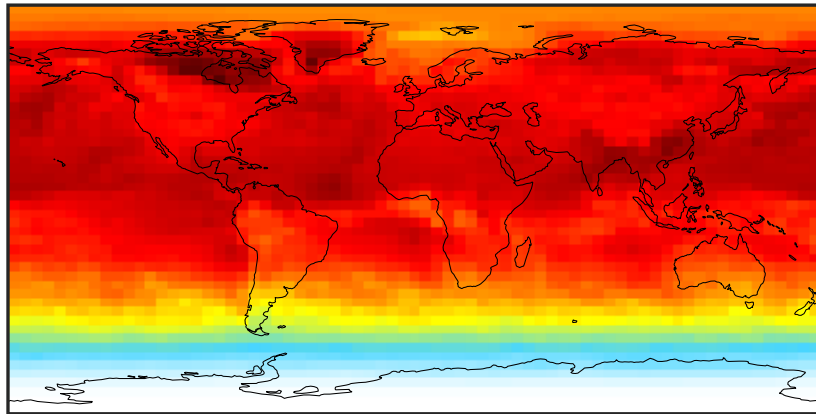


Ratio (1x1.25)  
Dev/Ref, Fixed Range



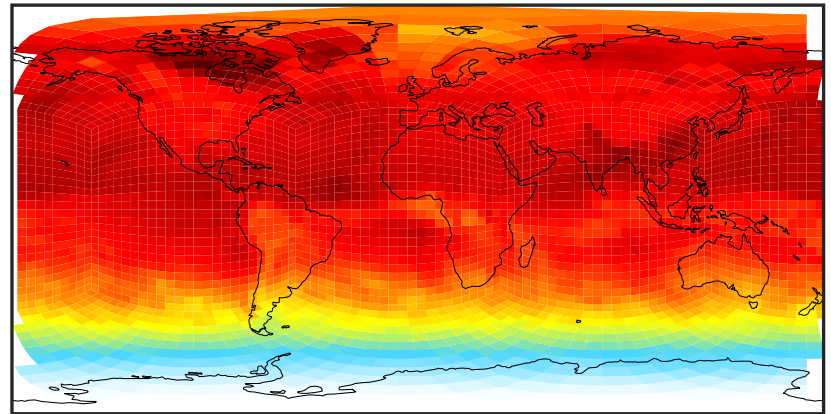
# Jval\_ICN (Apr2019)

GCC\_14.2.0 (Ref)  
4.0x5.0



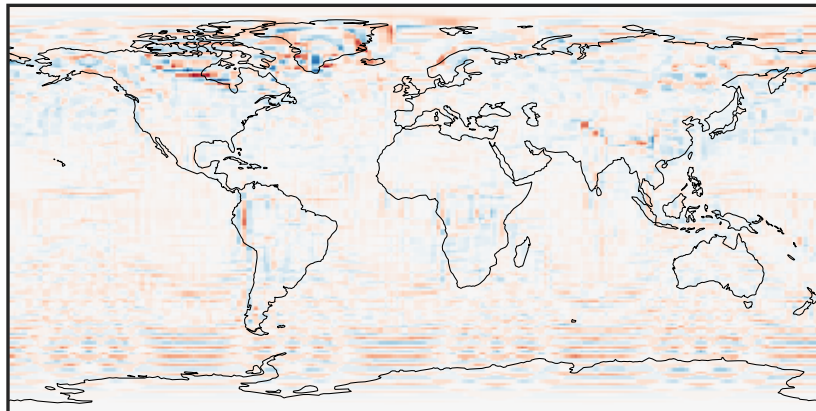
0.00006 0.00012 0.00018  
s-1

GCHP\_14.2.0 (Dev)  
c24



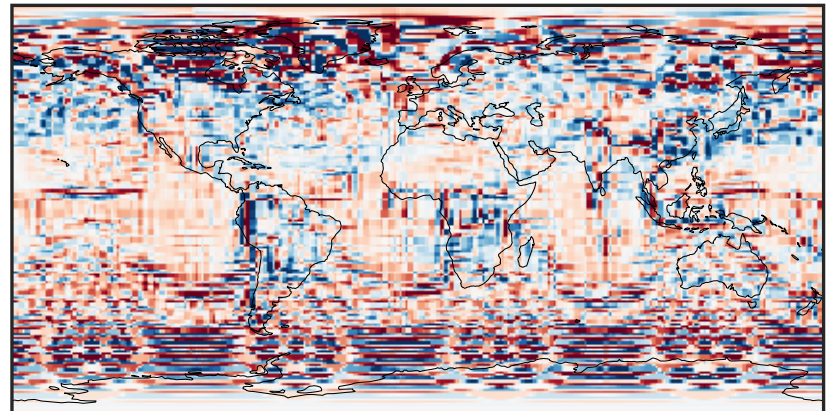
0.00006 0.00012 0.00018  
s-1

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



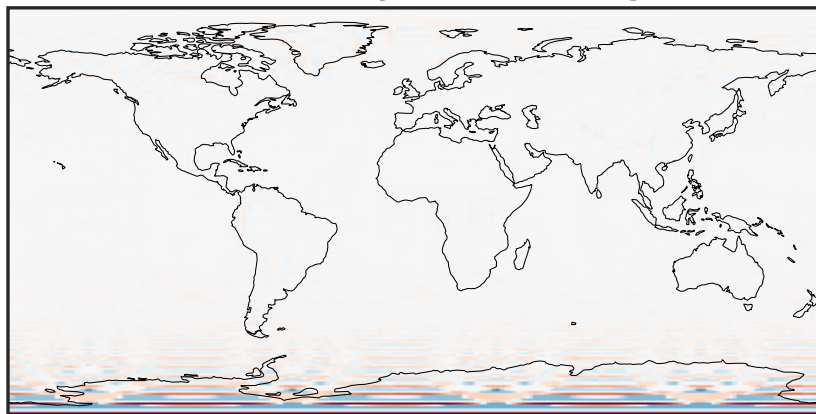
-1.5 0.0 1.5  
s-1 1e-5

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



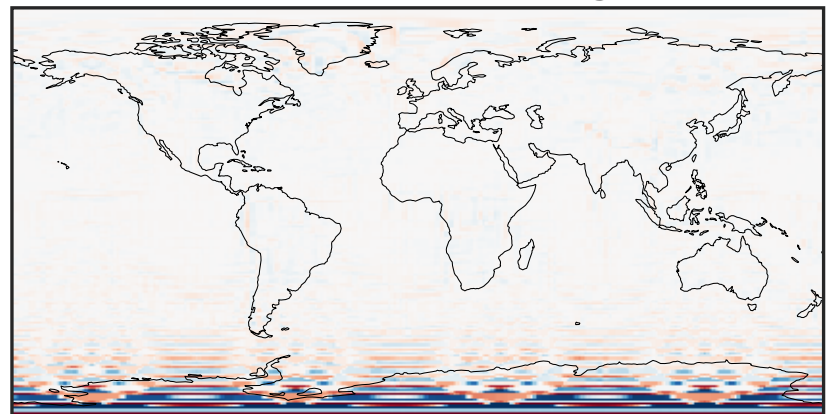
-3 0 3  
s-1 1e-6

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



0.225 0.612 1.000 2.724 4.449  
unitless

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

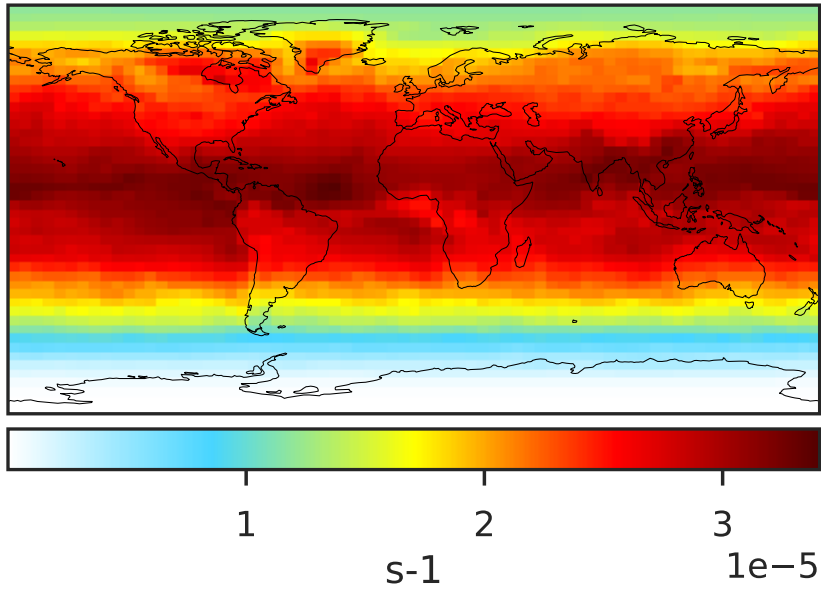


0.50 0.75 1.00 1.50 2.00  
unitless

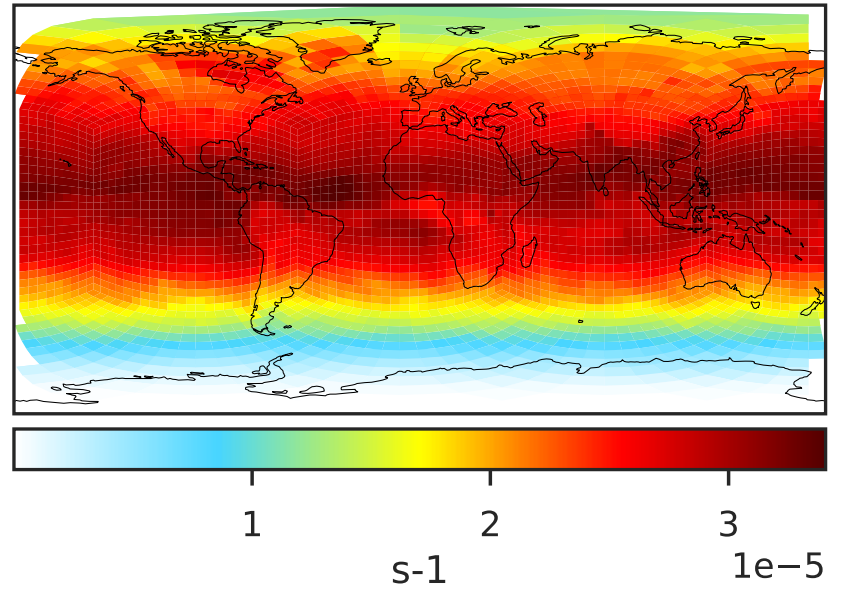


# Jval\_ICPDH (Apr2019)

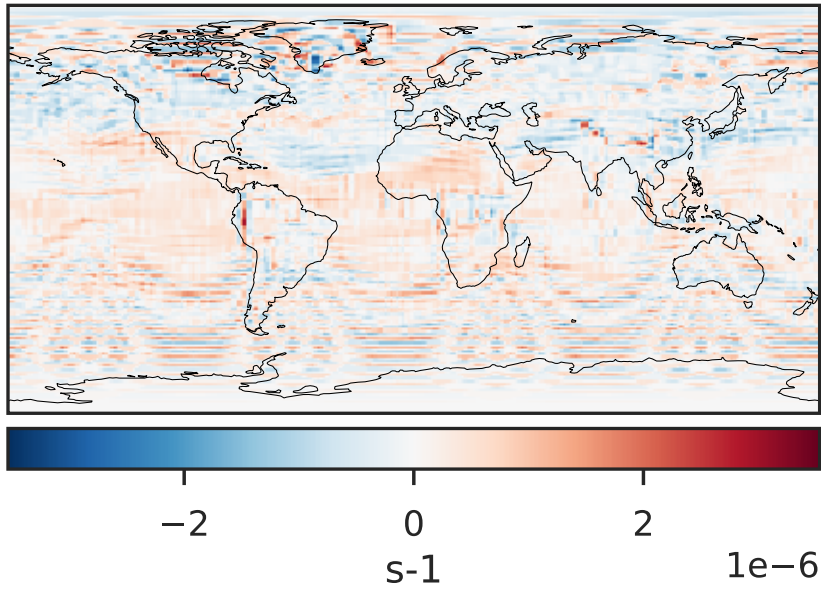
GCC\_14.2.0 (Ref)  
4.0x5.0



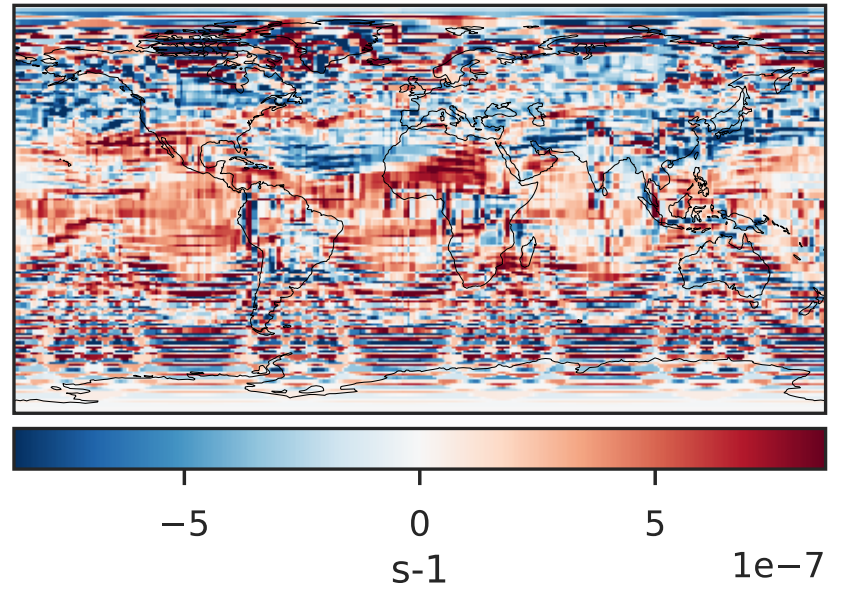
GCHP\_14.2.0 (Dev)  
c24



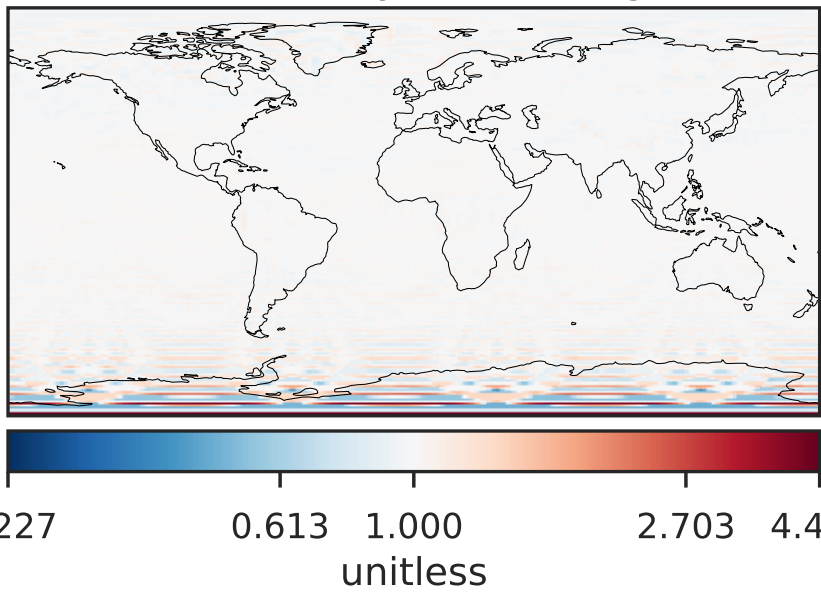
Difference (1x1.25)  
Dev - Ref, Dynamic Range



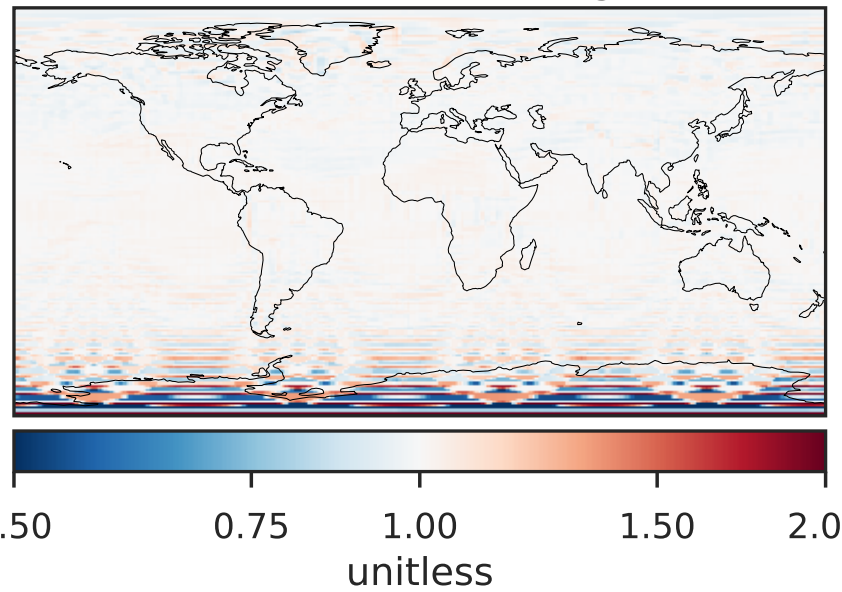
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

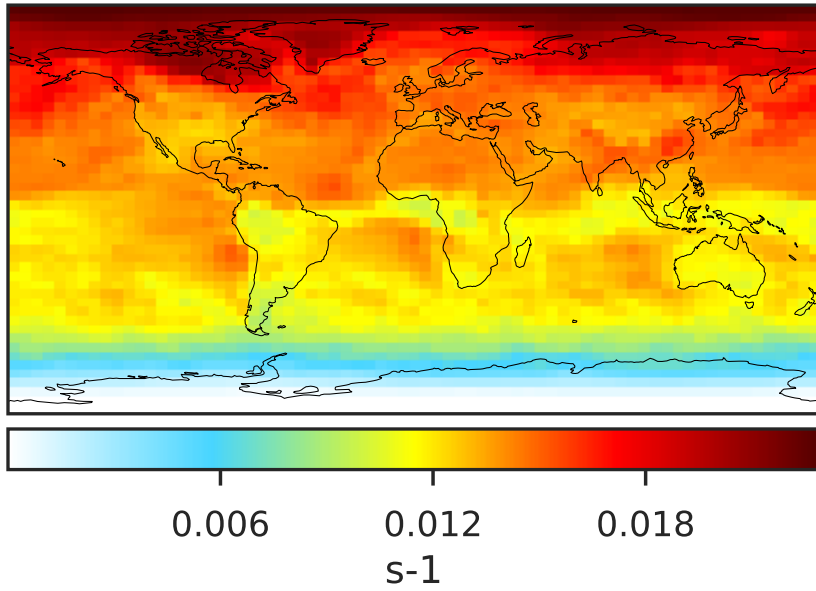


Ratio (1x1.25)  
Dev/Ref, Fixed Range

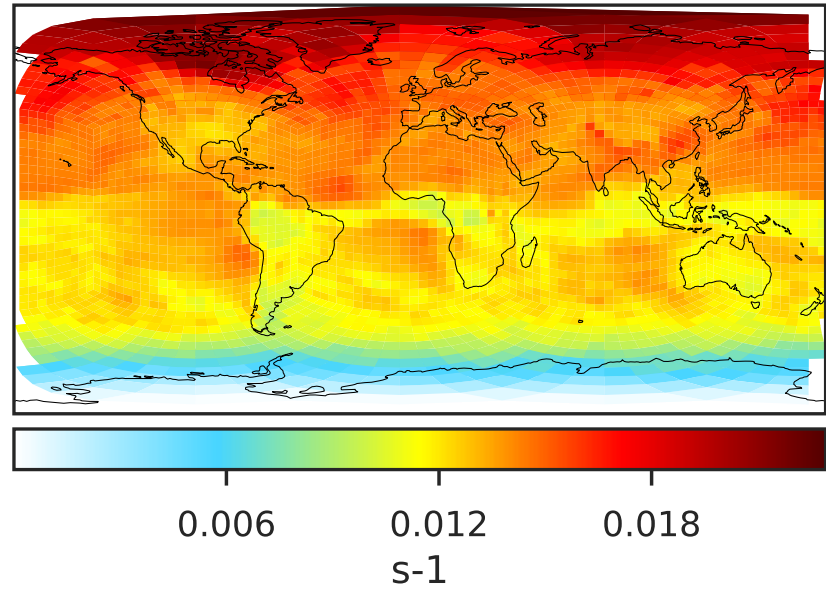


# Jval\_ICI (Apr2019)

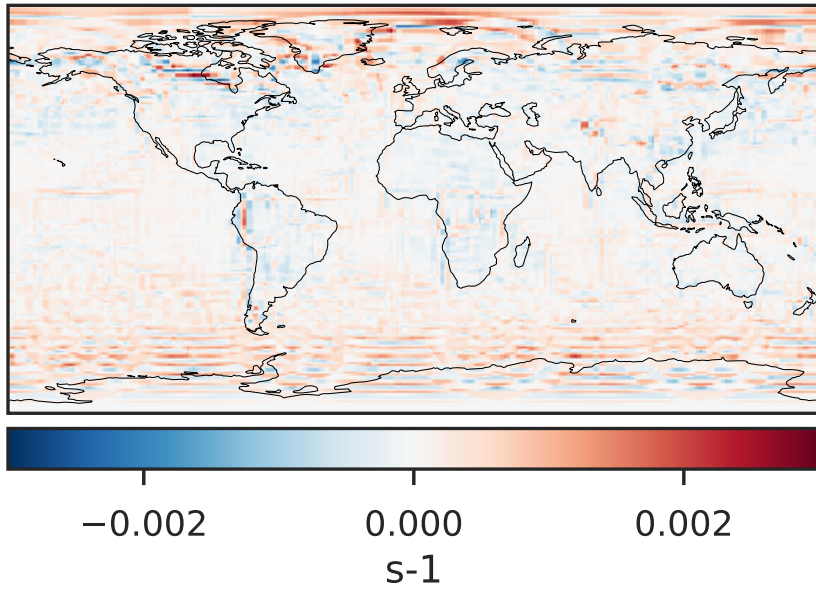
GCC\_14.2.0 (Ref)  
4.0x5.0



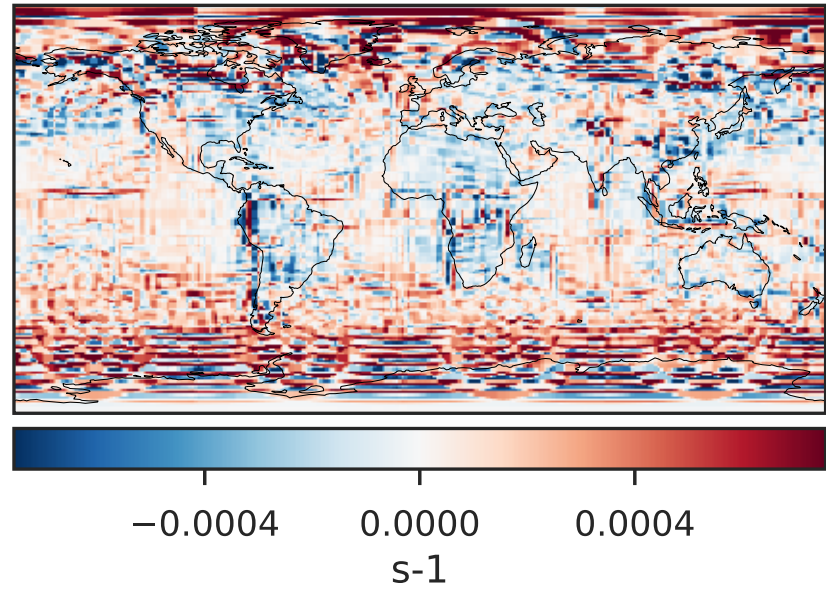
GCHP\_14.2.0 (Dev)  
c24



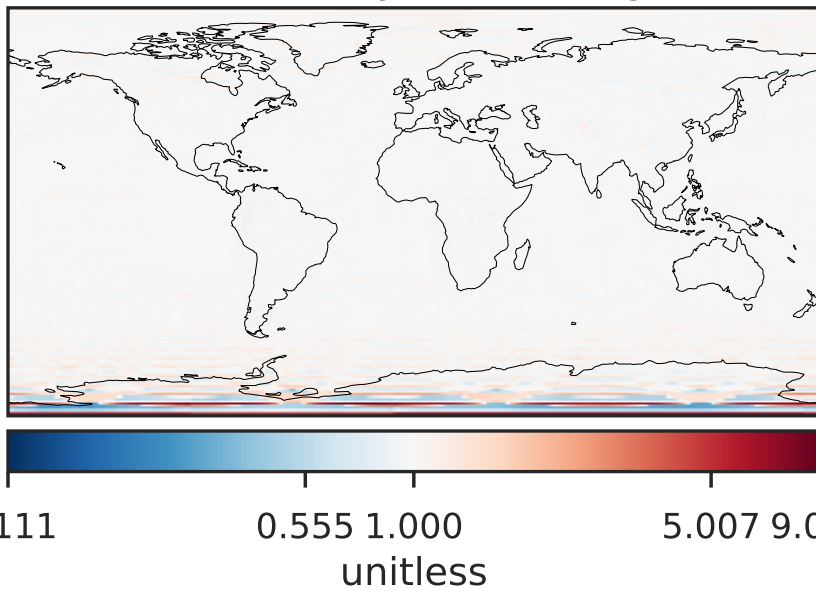
Difference (1x1.25)  
Dev - Ref, Dynamic Range



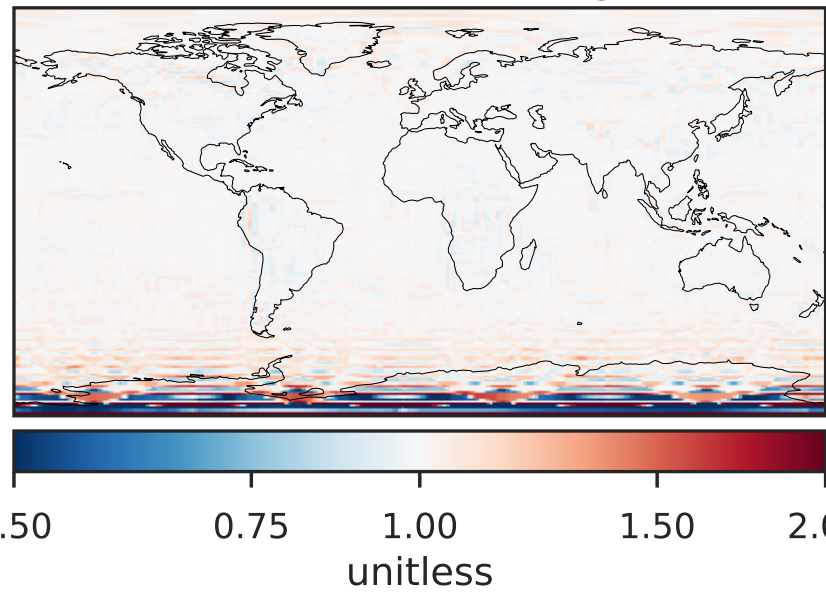
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



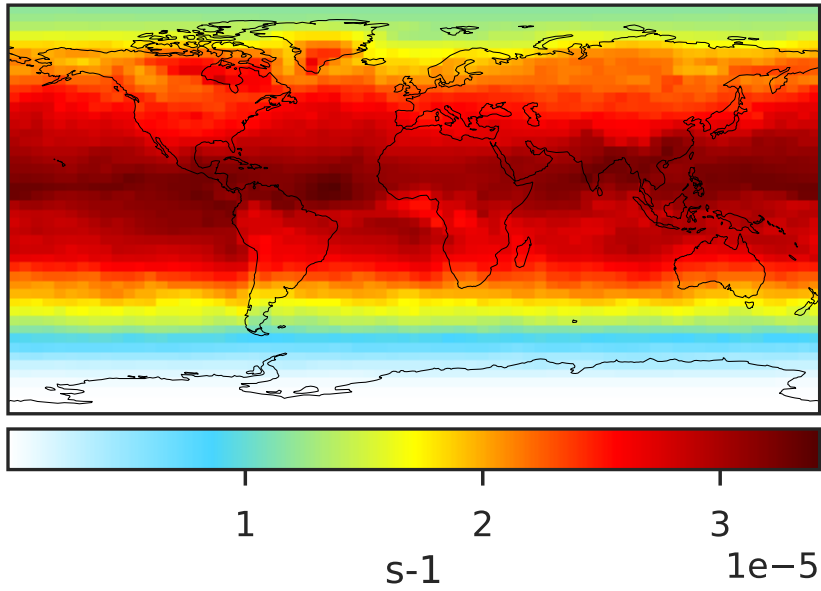
Ratio (1x1.25)  
Dev/Ref, Fixed Range



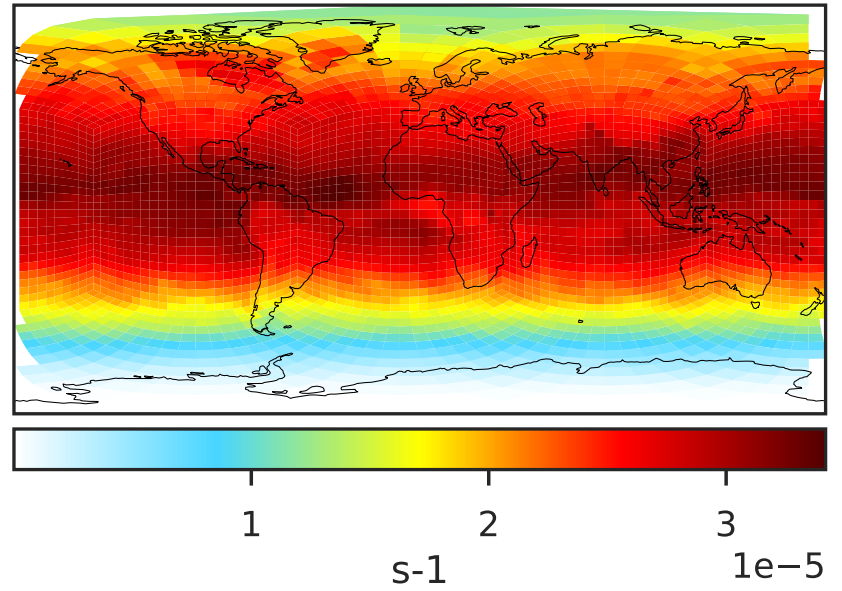


# Jval\_IDCHP (Apr2019)

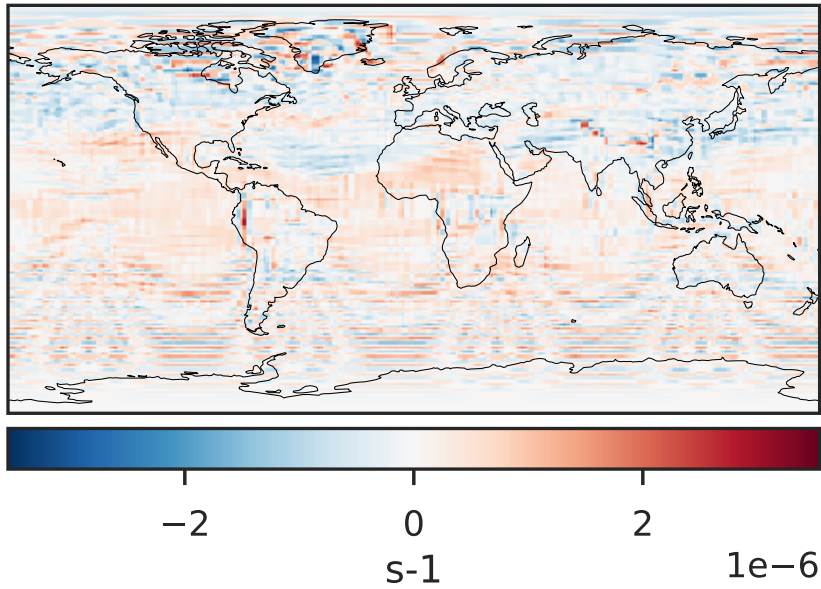
GCC\_14.2.0 (Ref)  
4.0x5.0



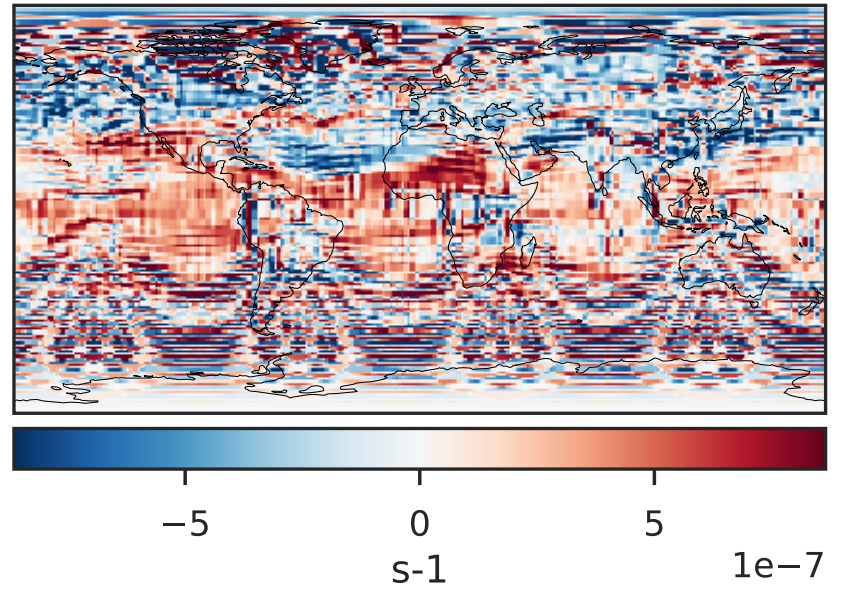
GCHP\_14.2.0 (Dev)  
c24



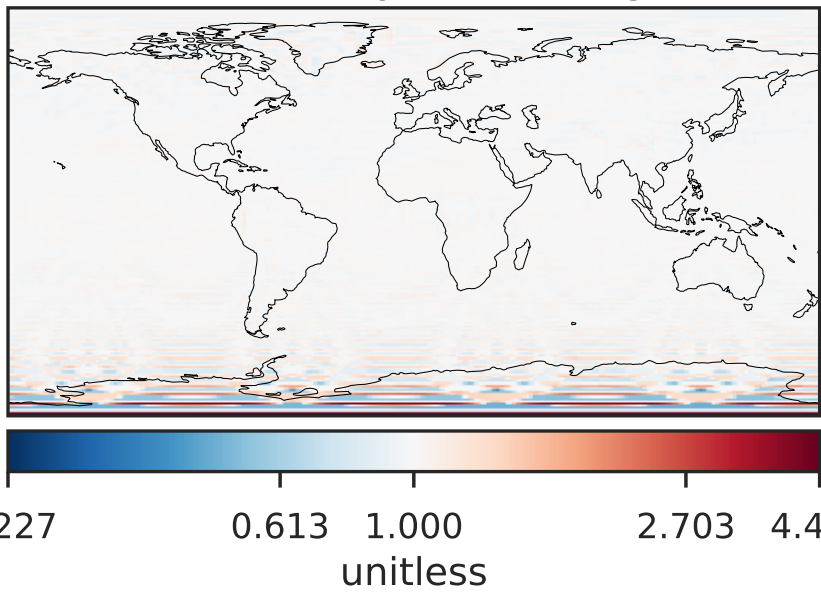
Difference (1x1.25)  
Dev - Ref, Dynamic Range



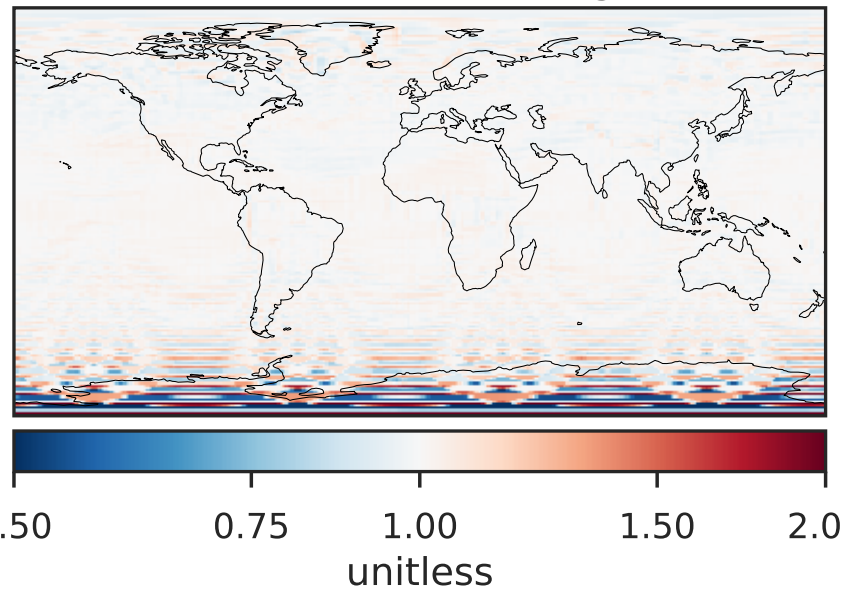
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

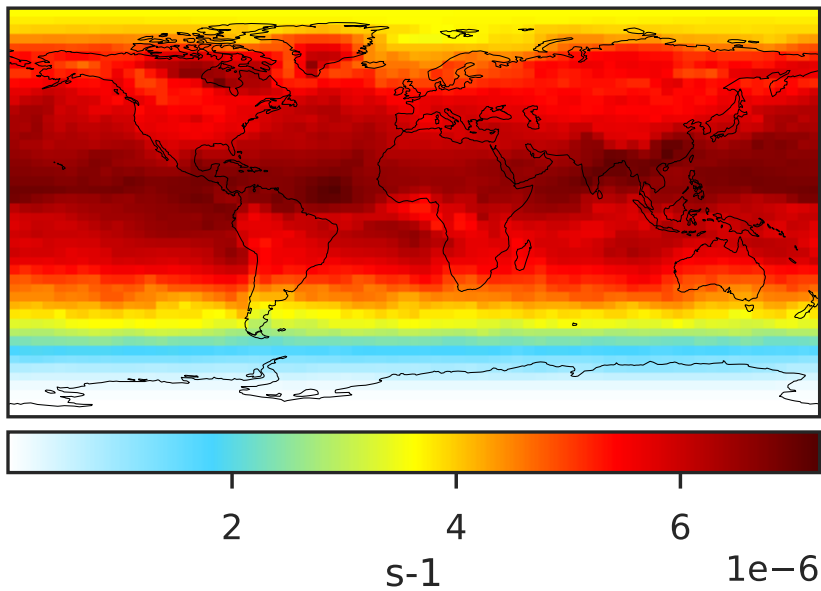


Ratio (1x1.25)  
Dev/Ref, Fixed Range

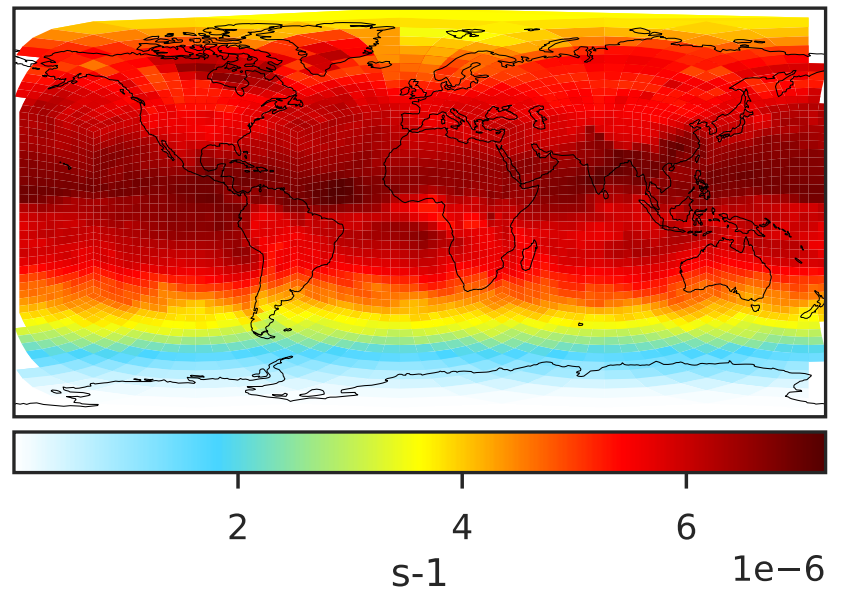


# Jval\_IDHDP (Apr2019)

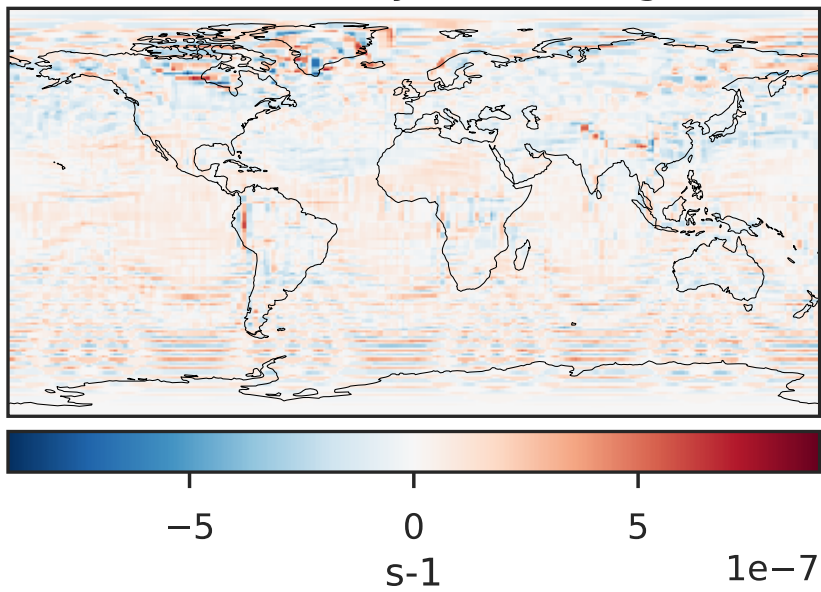
GCC\_14.2.0 (Ref)  
4.0x5.0



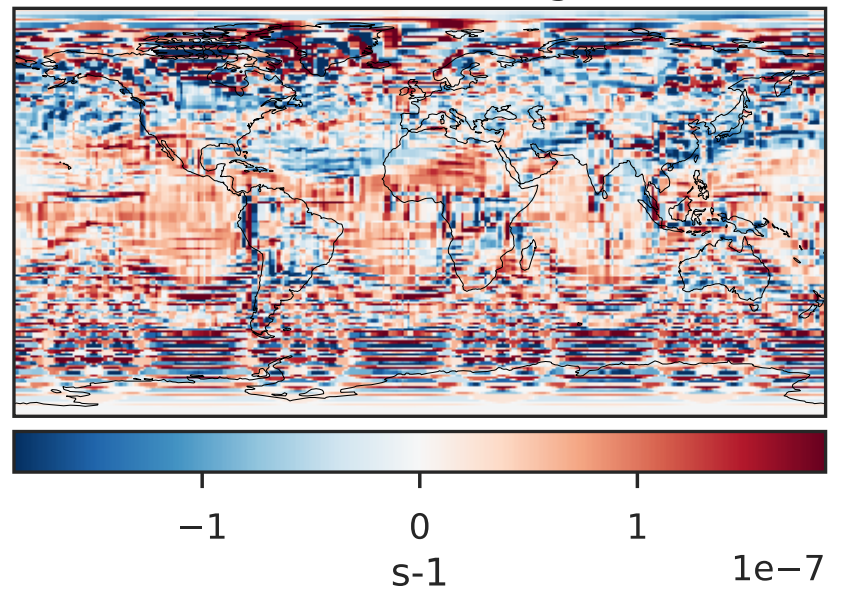
GCHP\_14.2.0 (Dev)  
c24



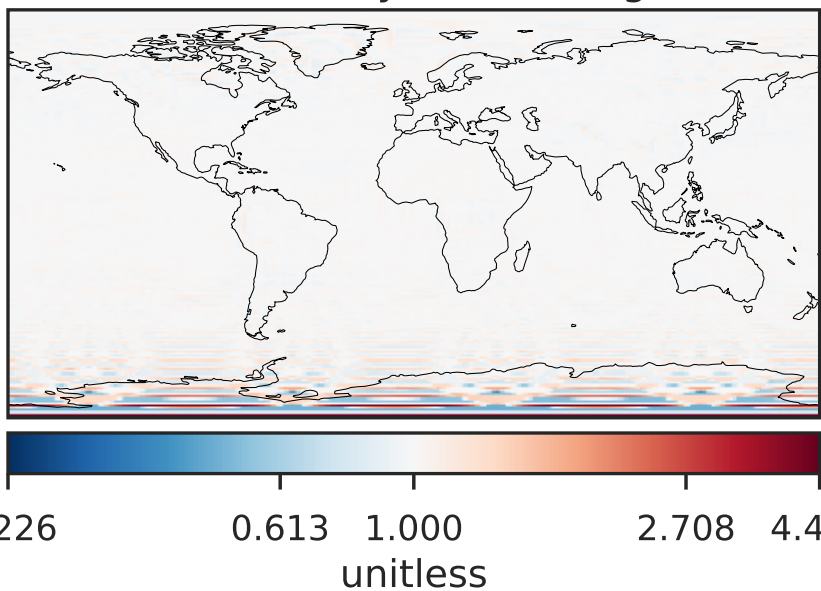
Difference (1x1.25)  
Dev - Ref, Dynamic Range



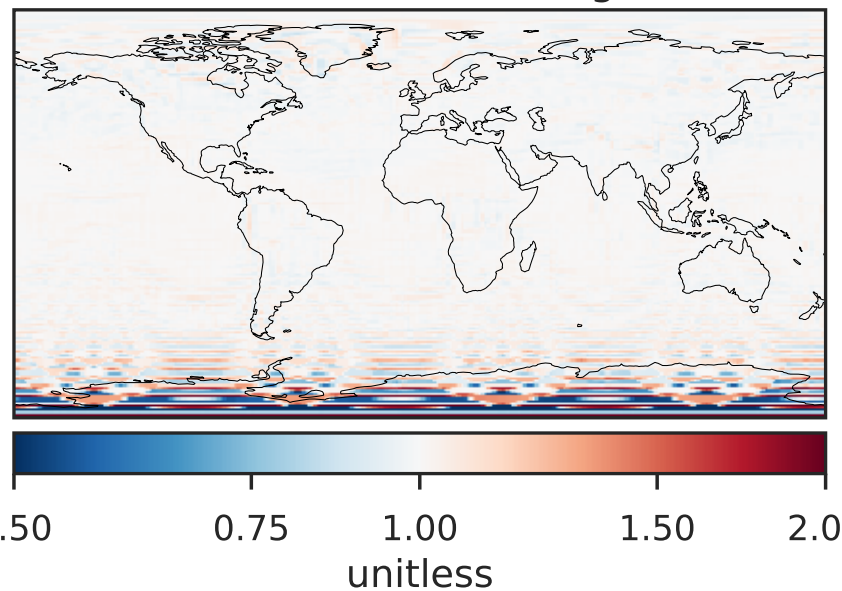
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



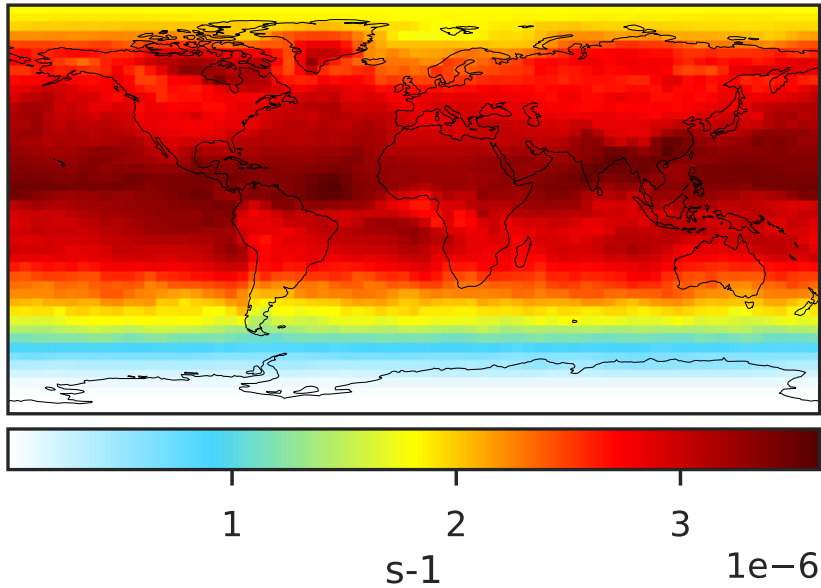
Ratio (1x1.25)  
Dev/Ref, Fixed Range



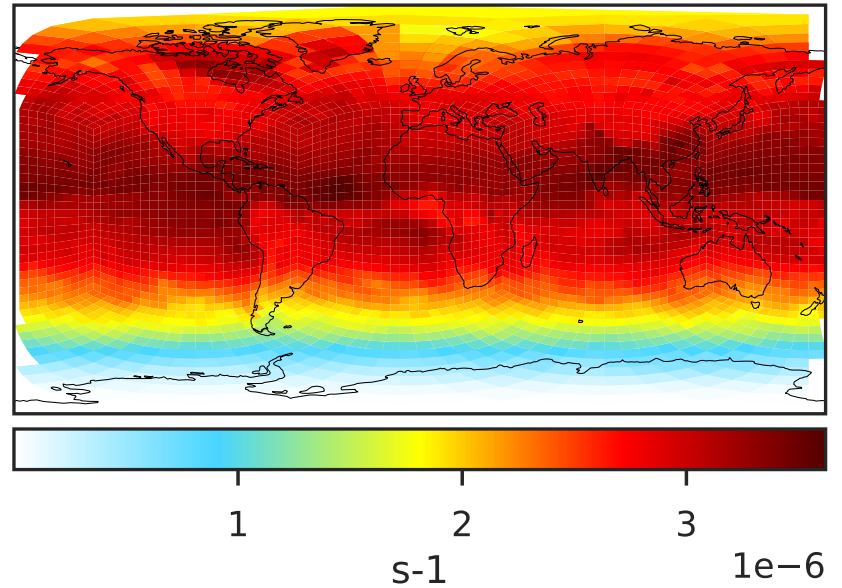


# Jval\_IDHPE (Apr2019)

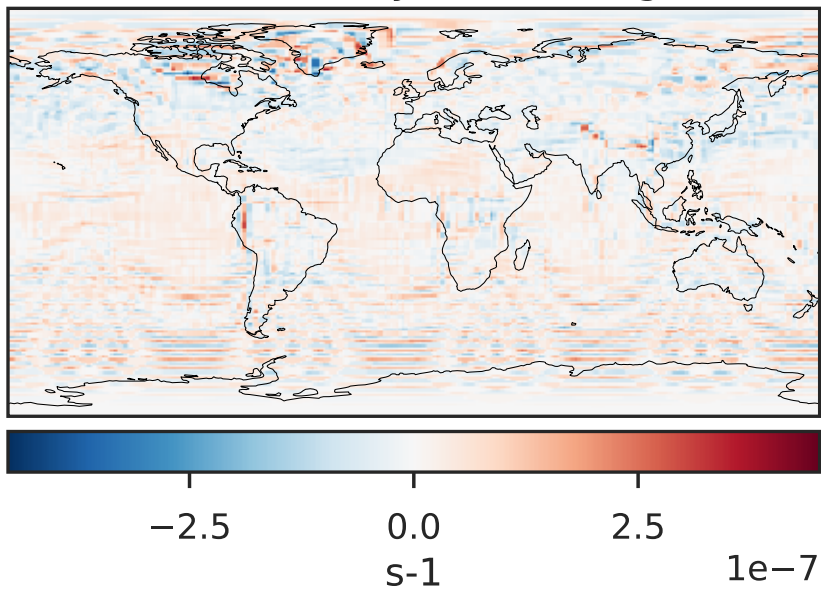
GCC\_14.2.0 (Ref)  
4.0x5.0



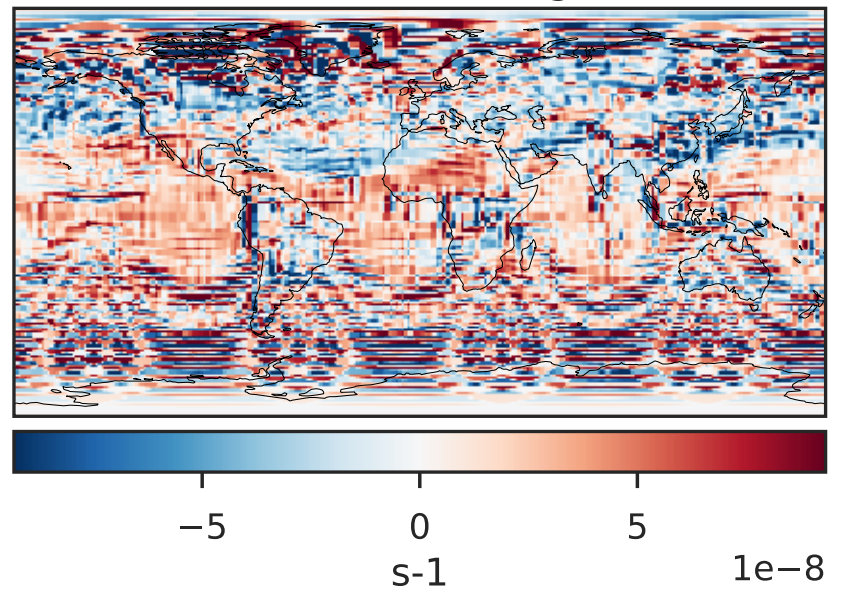
GCHP\_14.2.0 (Dev)  
c24



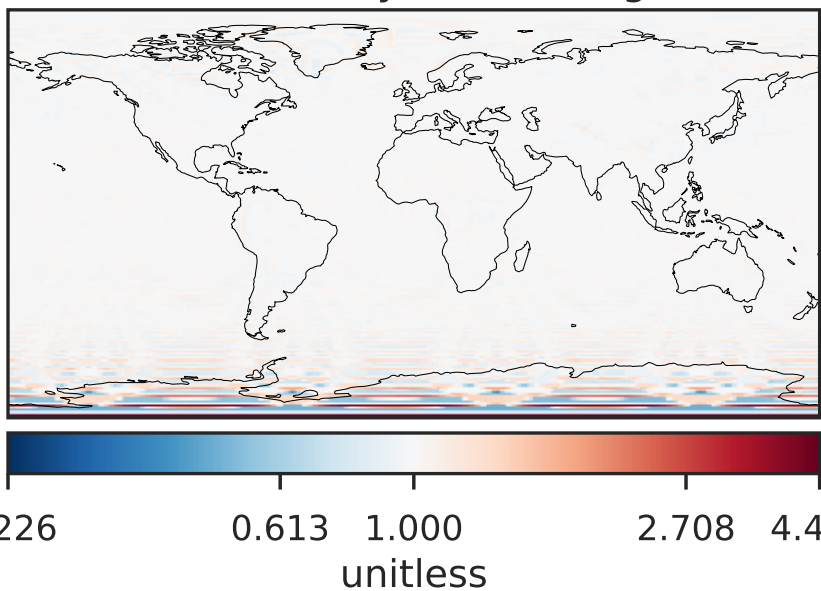
Difference (1x1.25)  
Dev - Ref, Dynamic Range



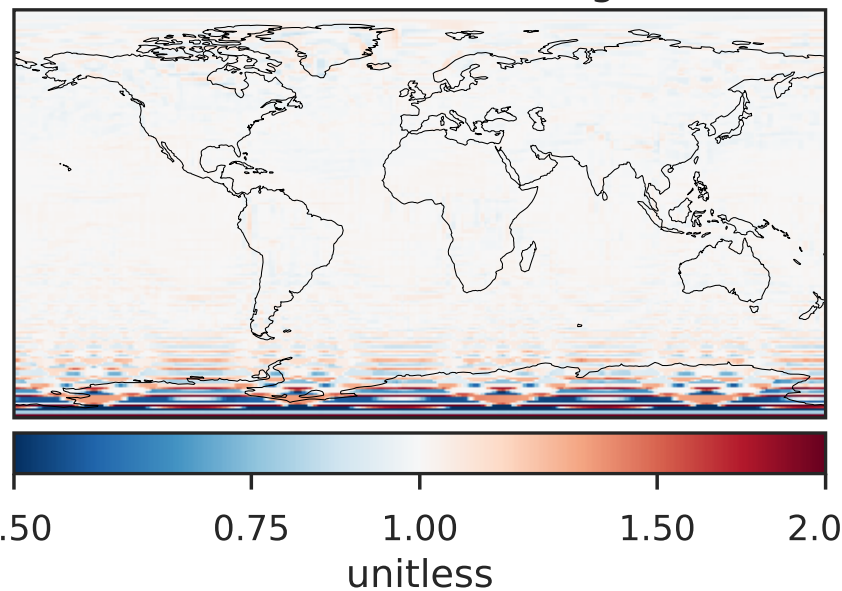
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

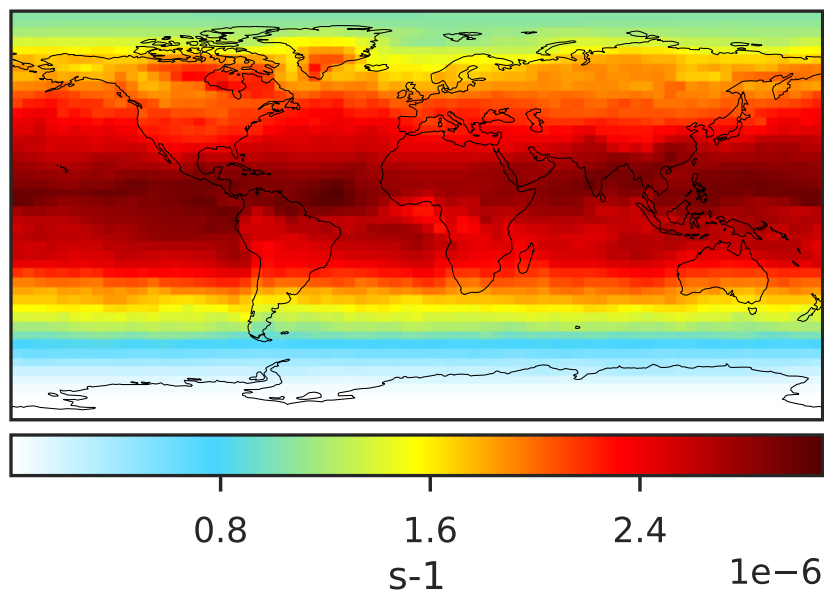


Ratio (1x1.25)  
Dev/Ref, Fixed Range

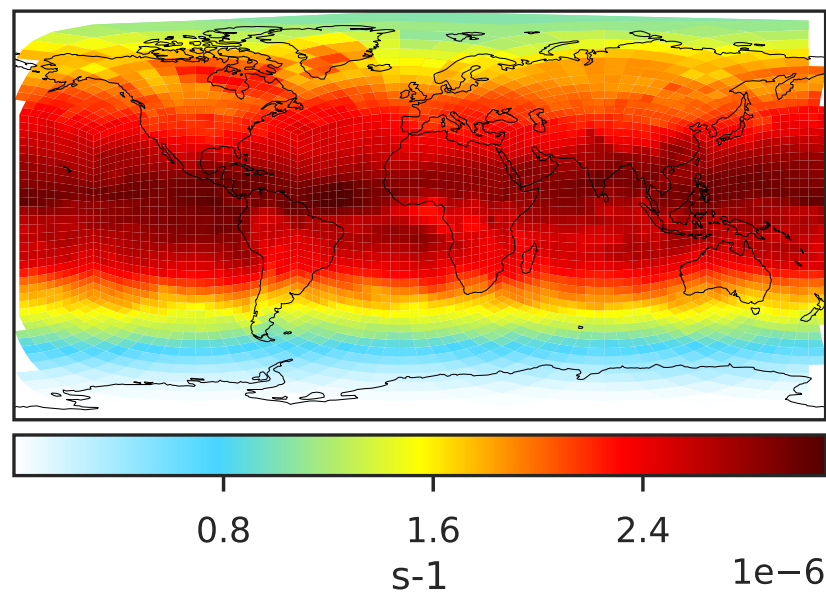


# Jval\_IDN (Apr2019)

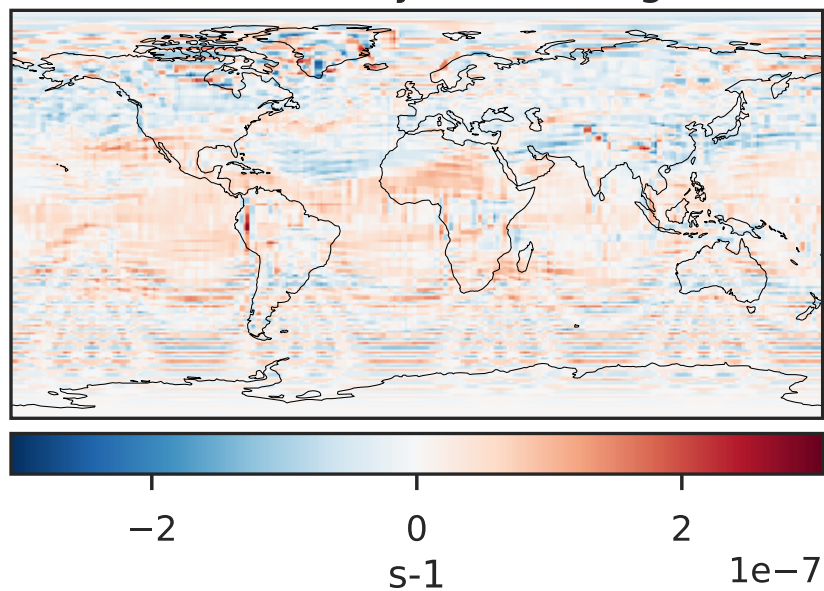
GCC\_14.2.0 (Ref)  
4.0x5.0



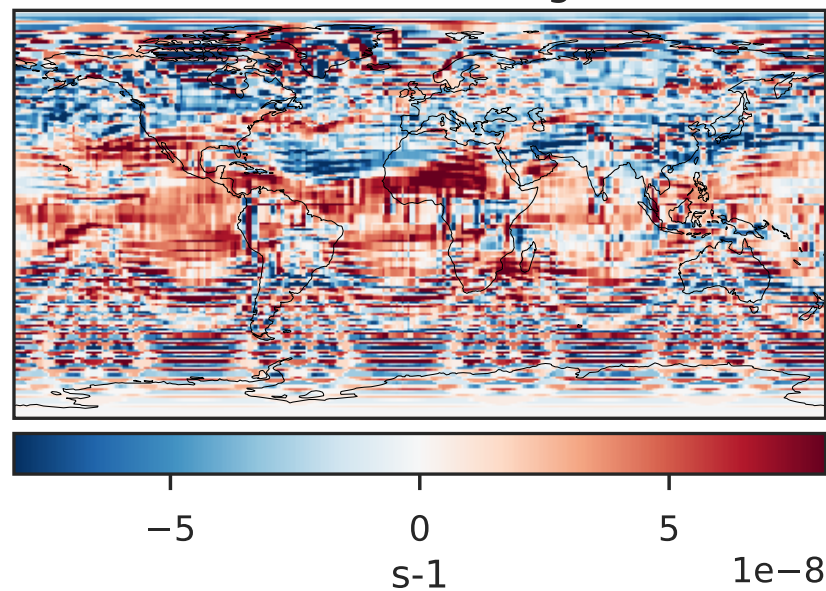
GCHP\_14.2.0 (Dev)  
c24



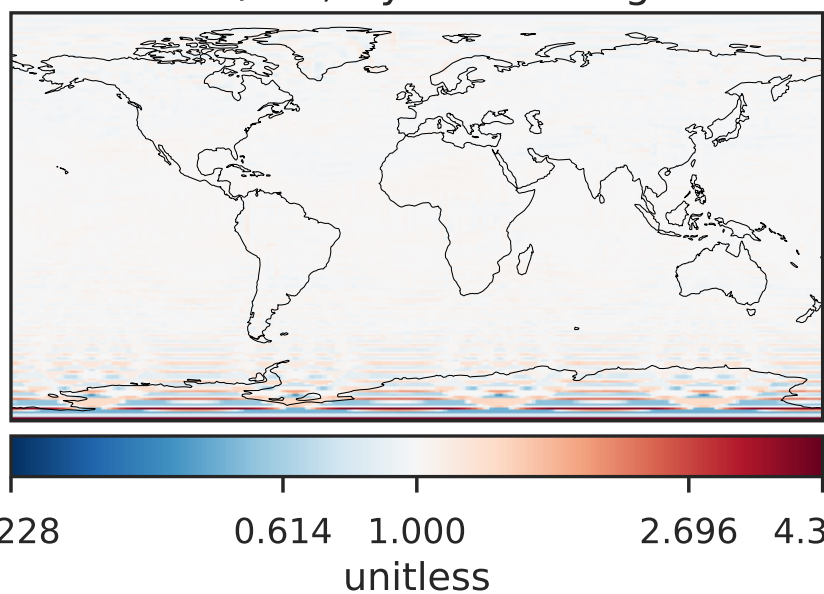
Difference (1x1.25)  
Dev - Ref, Dynamic Range



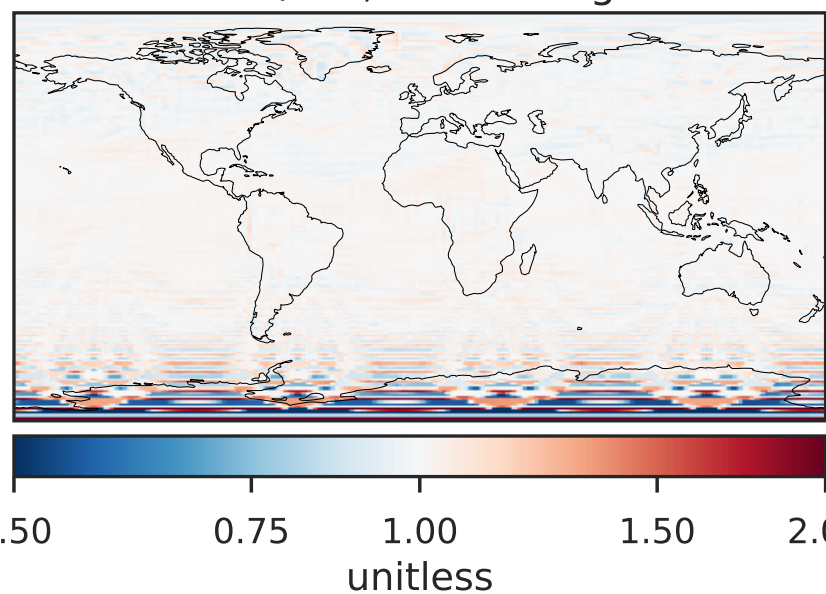
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



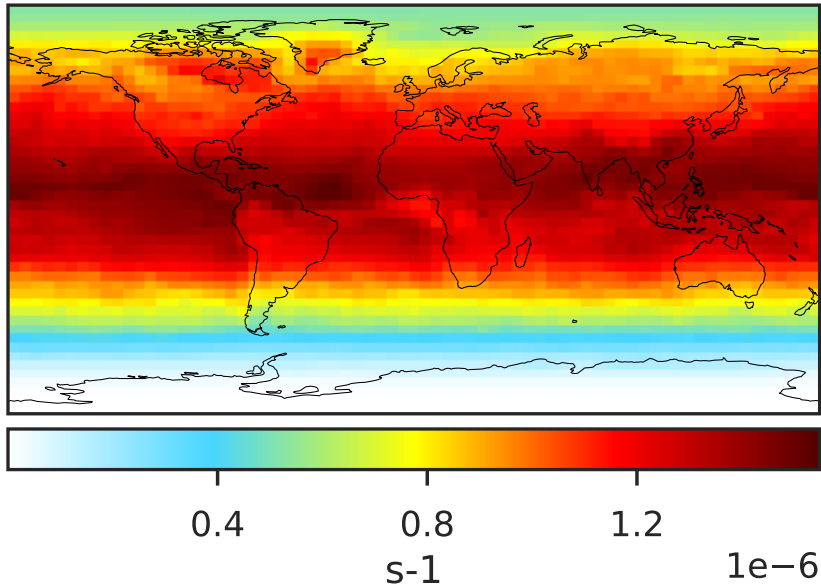
Ratio (1x1.25)  
Dev/Ref, Fixed Range



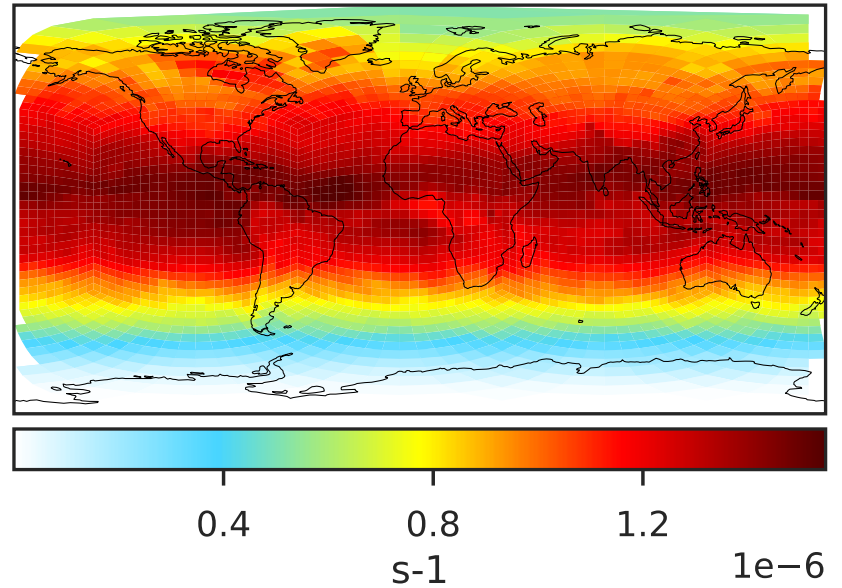


# Jval\_IHN1 (Apr2019)

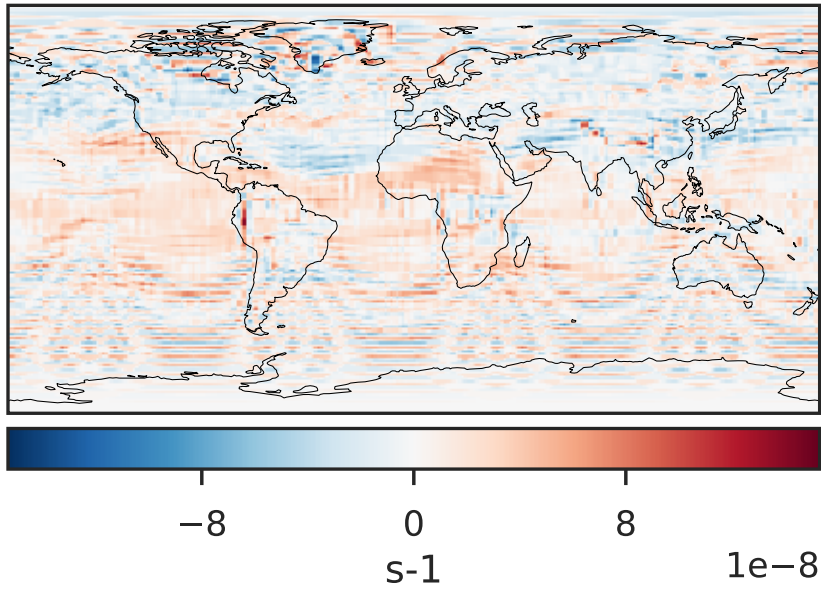
GCC\_14.2.0 (Ref)  
4.0x5.0



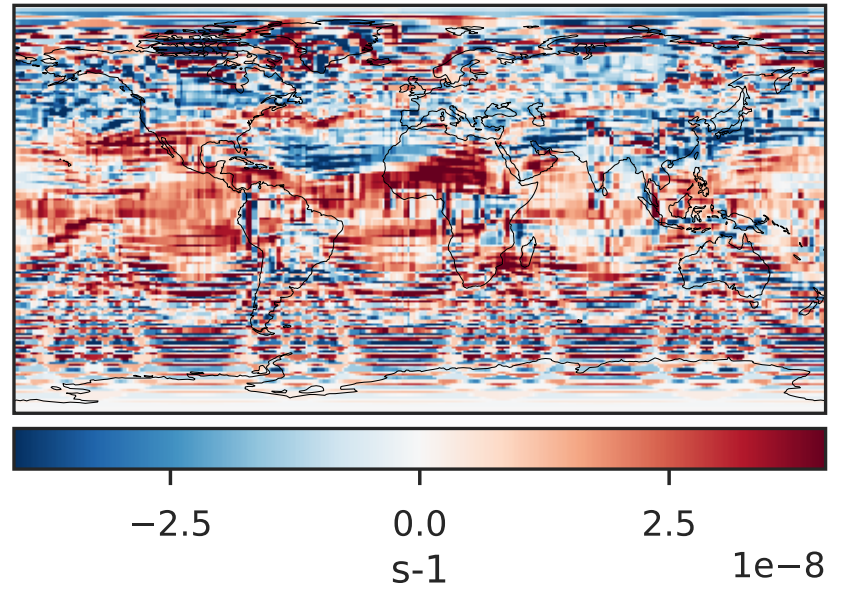
GCHP\_14.2.0 (Dev)  
c24



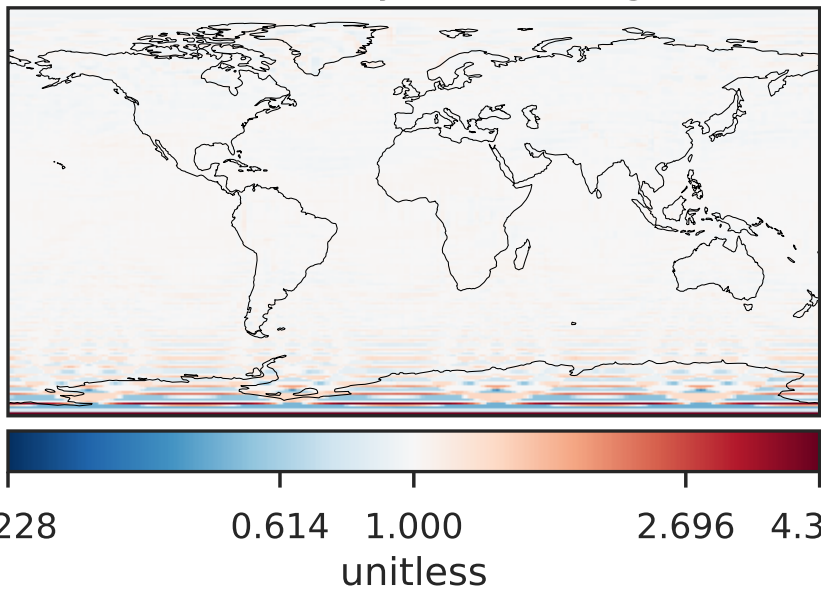
Difference (1x1.25)  
Dev - Ref, Dynamic Range



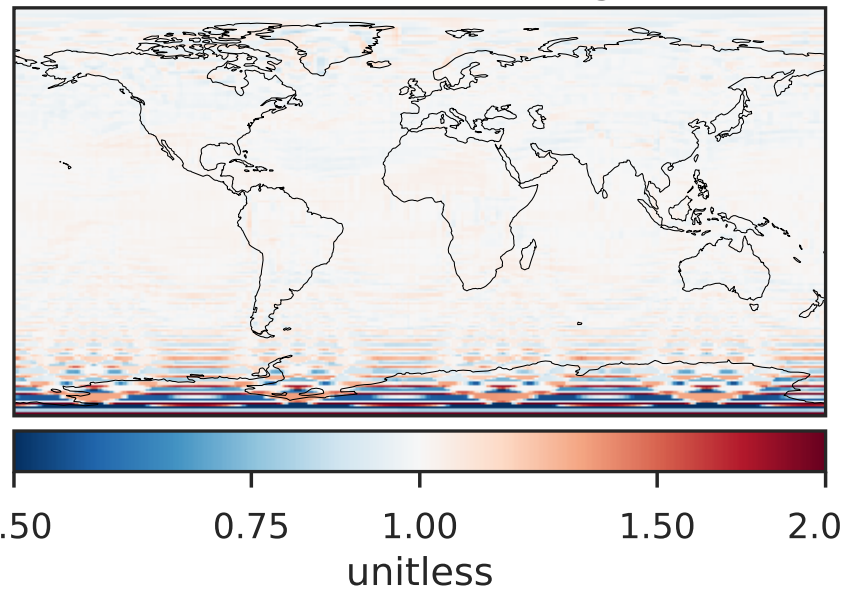
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

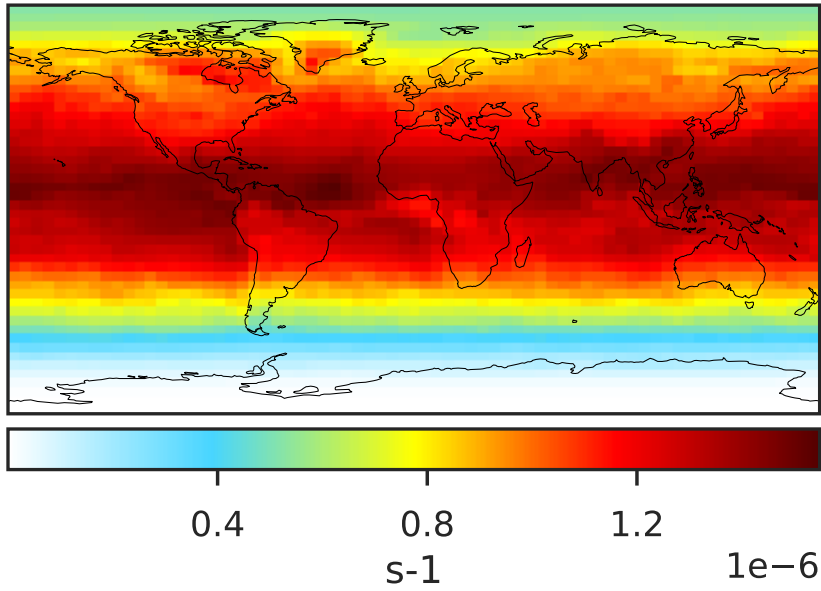


Ratio (1x1.25)  
Dev/Ref, Fixed Range

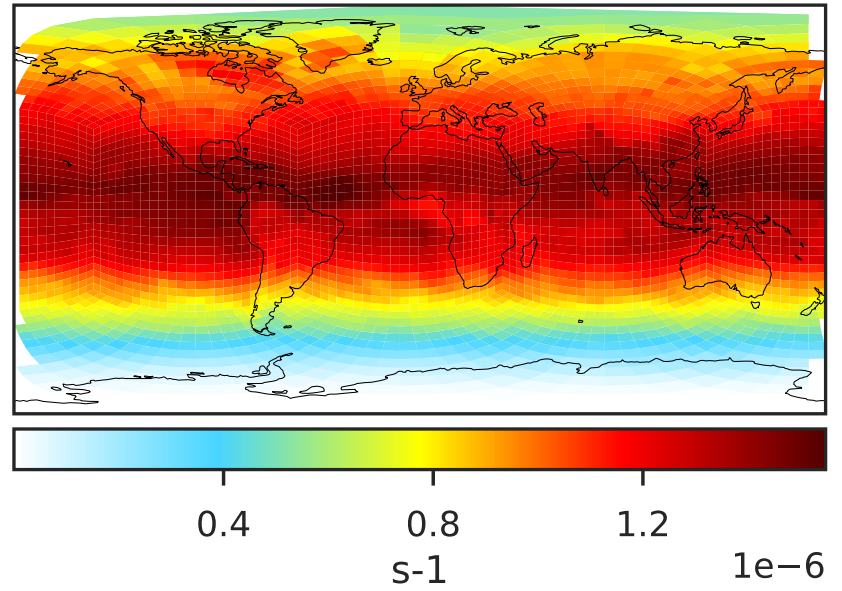


# Jval\_IHN2 (Apr2019)

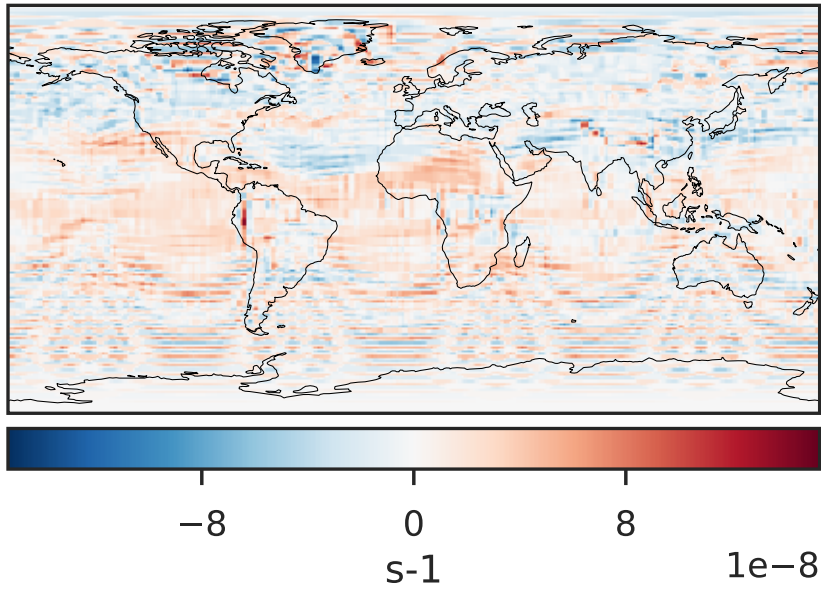
GCC\_14.2.0 (Ref)  
4.0x5.0



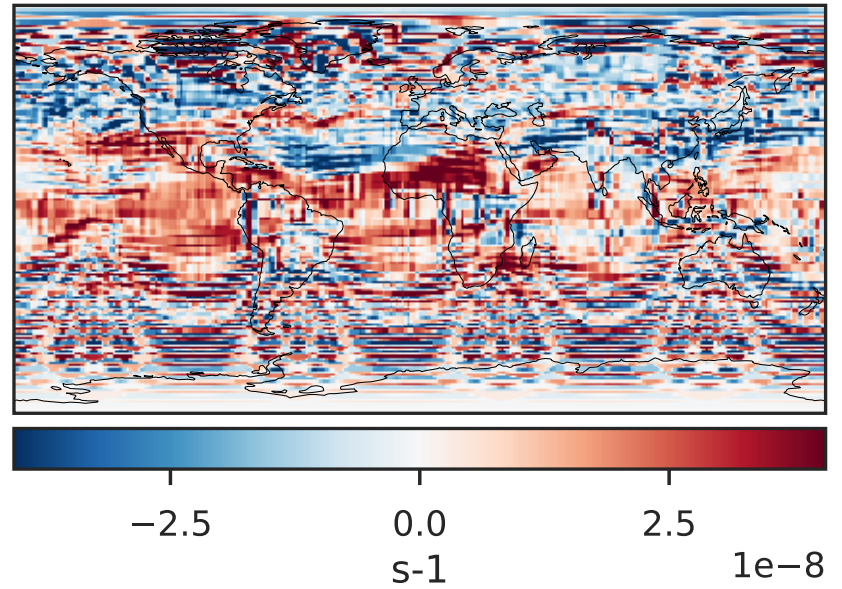
GCHP\_14.2.0 (Dev)  
c24



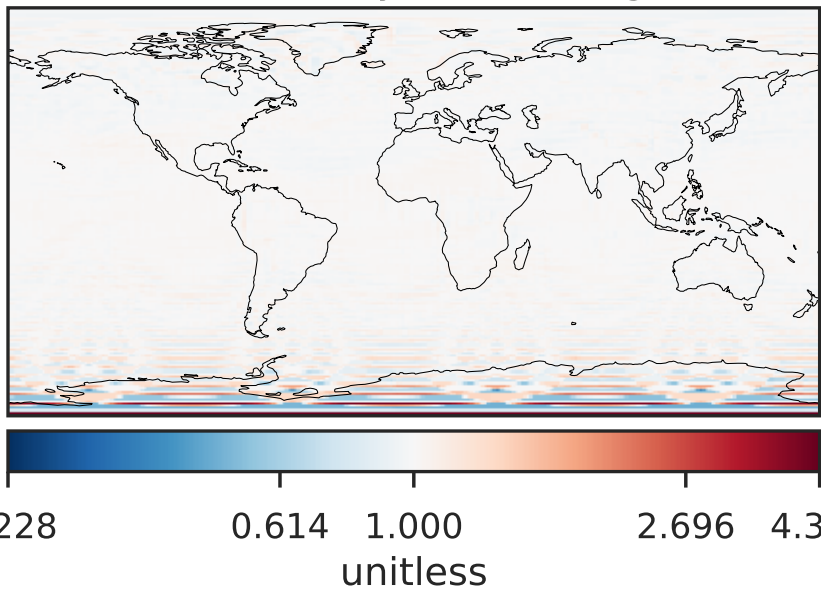
Difference (1x1.25)  
Dev - Ref, Dynamic Range



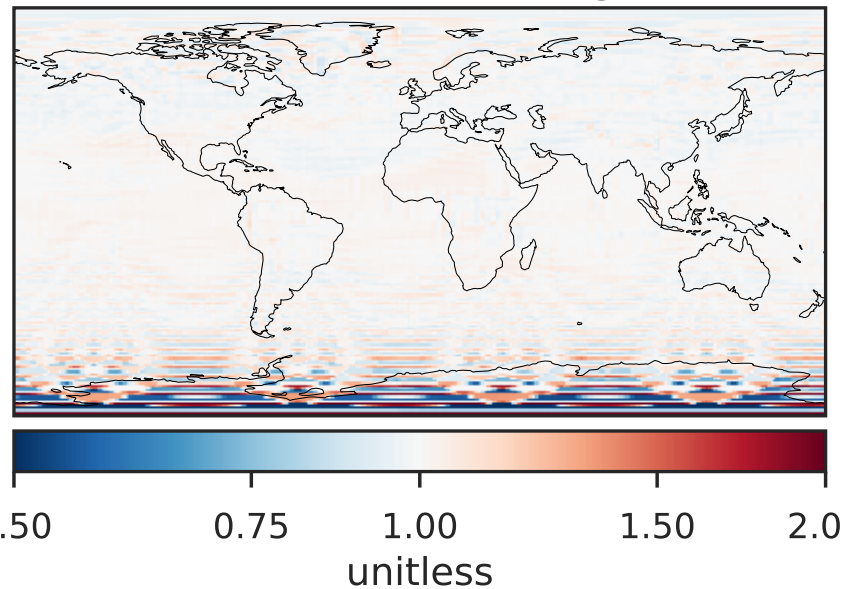
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



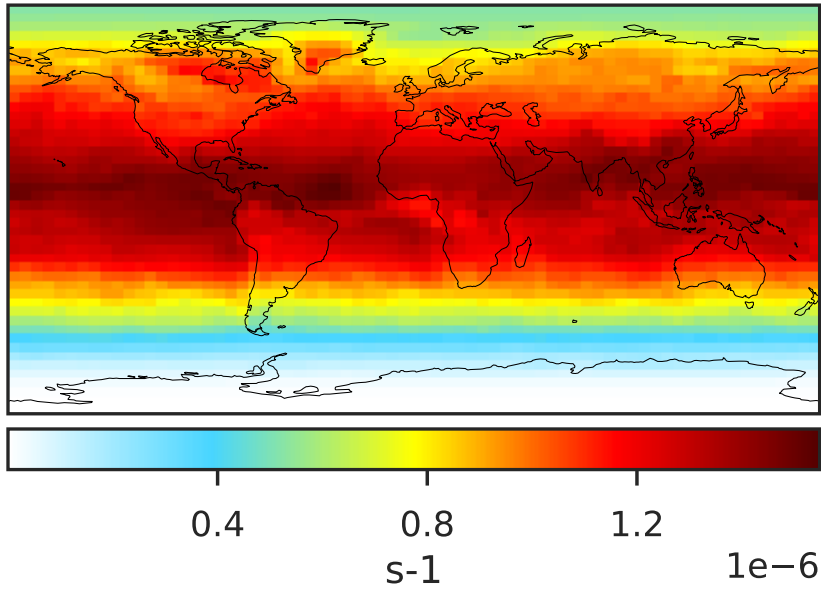
Ratio (1x1.25)  
Dev/Ref, Fixed Range



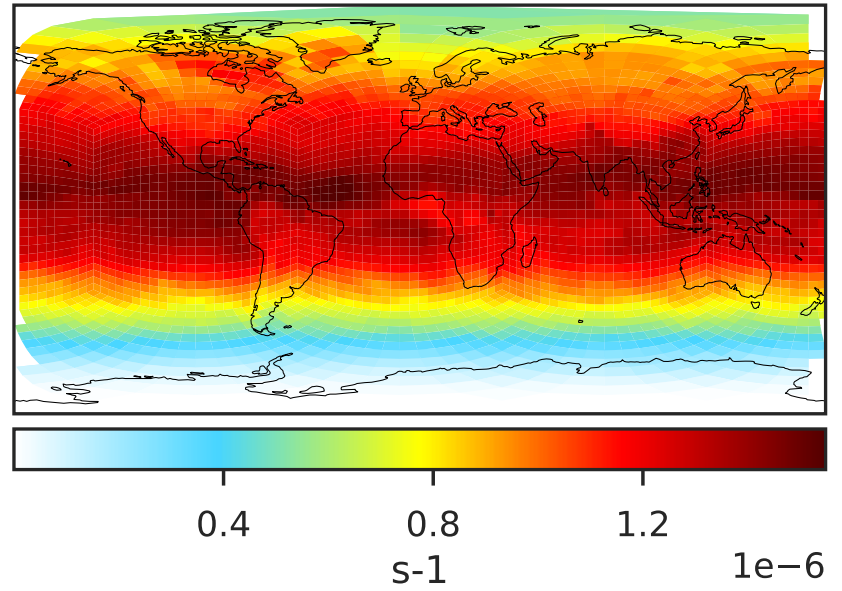


# Jval\_IHN3 (Apr2019)

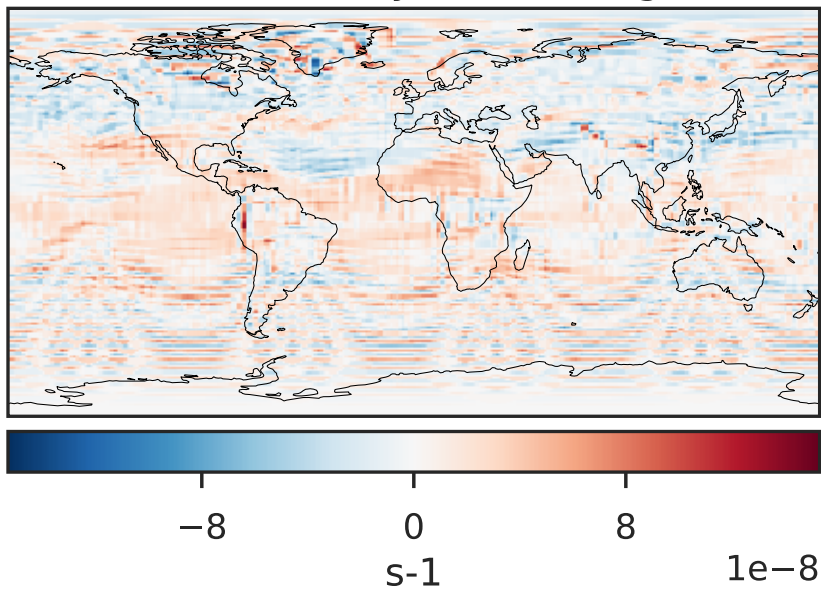
GCC\_14.2.0 (Ref)  
4.0x5.0



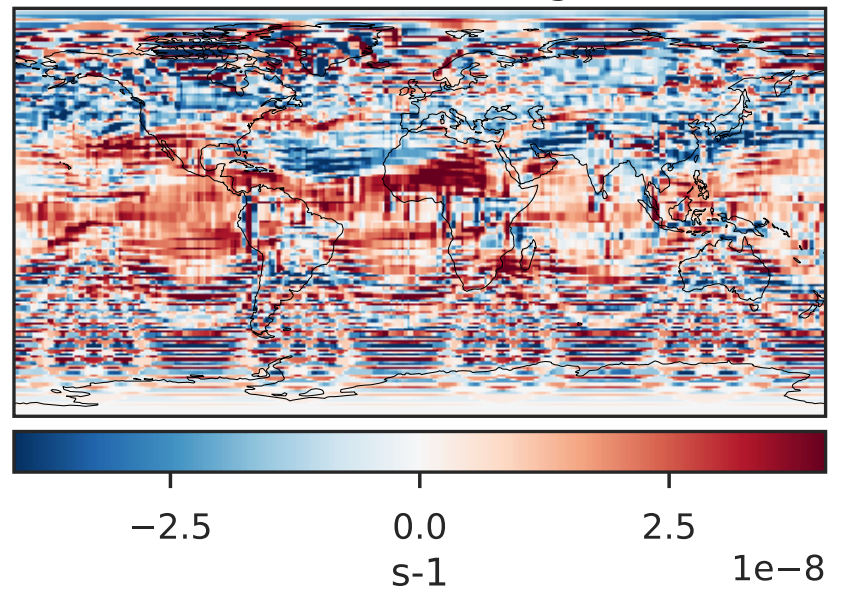
GCHP\_14.2.0 (Dev)  
c24



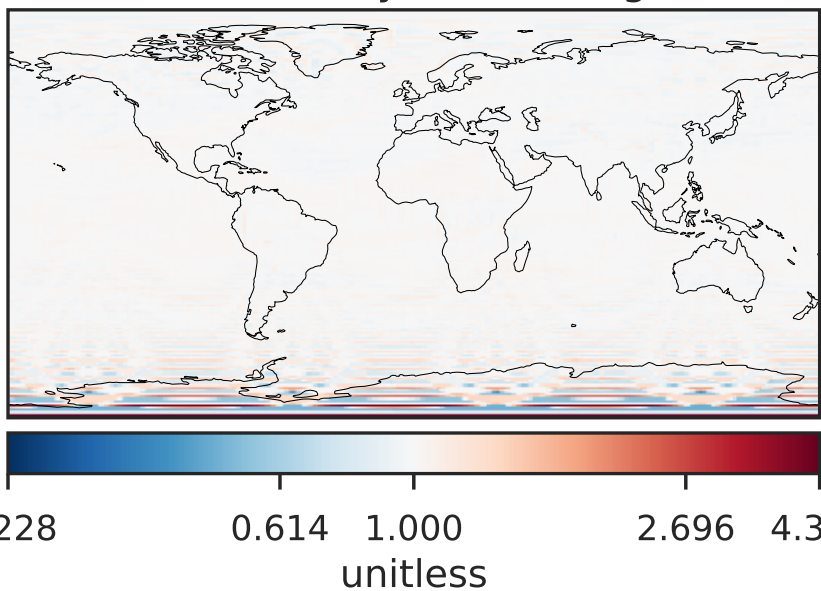
Difference (1x1.25)  
Dev - Ref, Dynamic Range



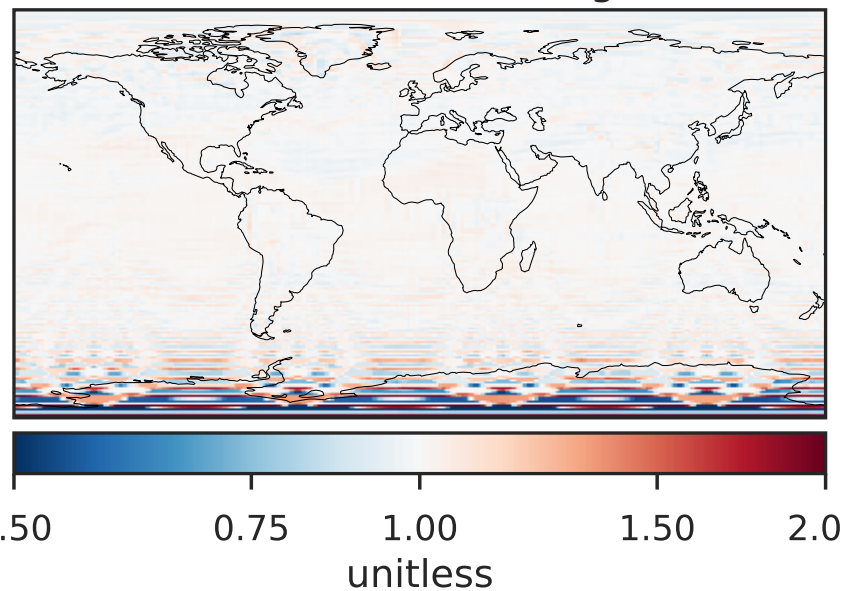
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

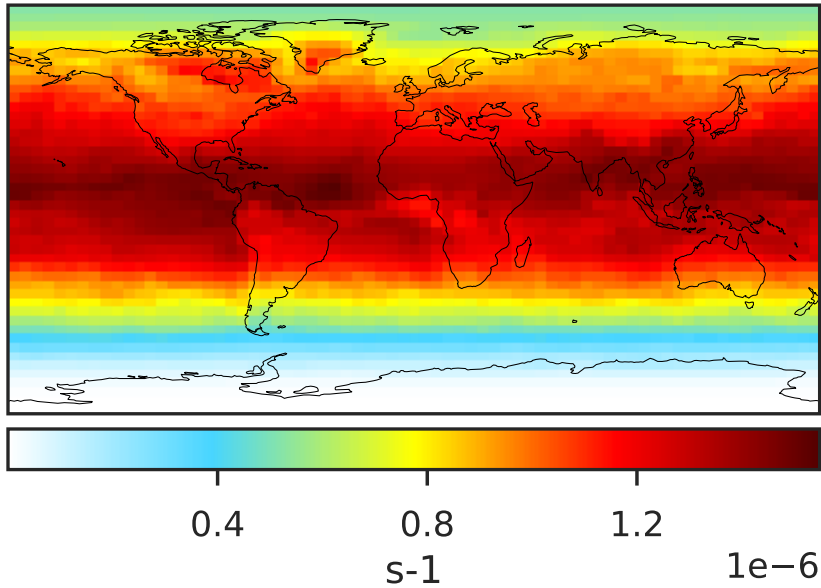


Ratio (1x1.25)  
Dev/Ref, Fixed Range

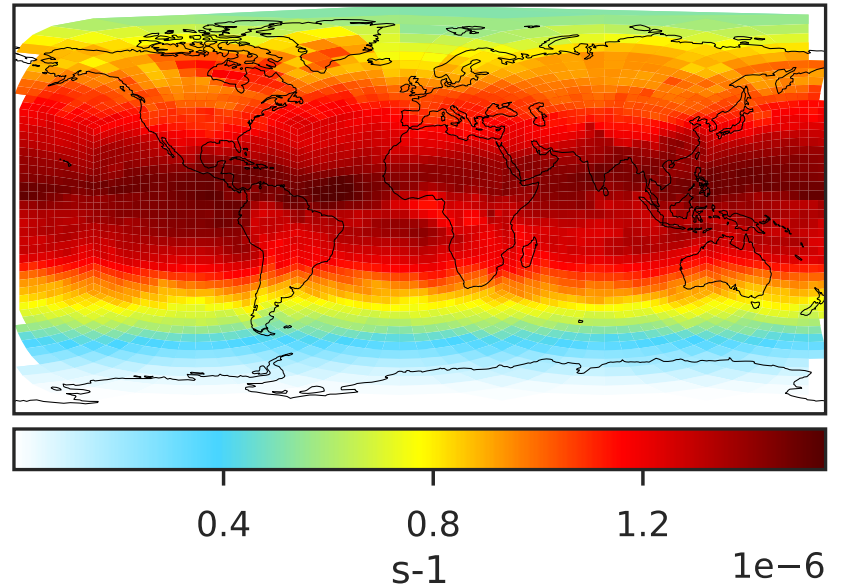


# Jval\_IHN4 (Apr2019)

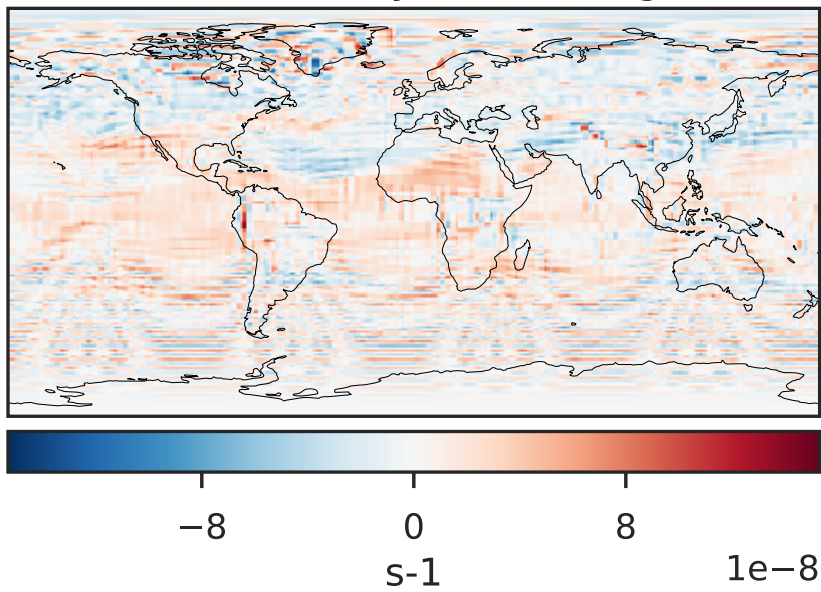
GCC\_14.2.0 (Ref)  
4.0x5.0



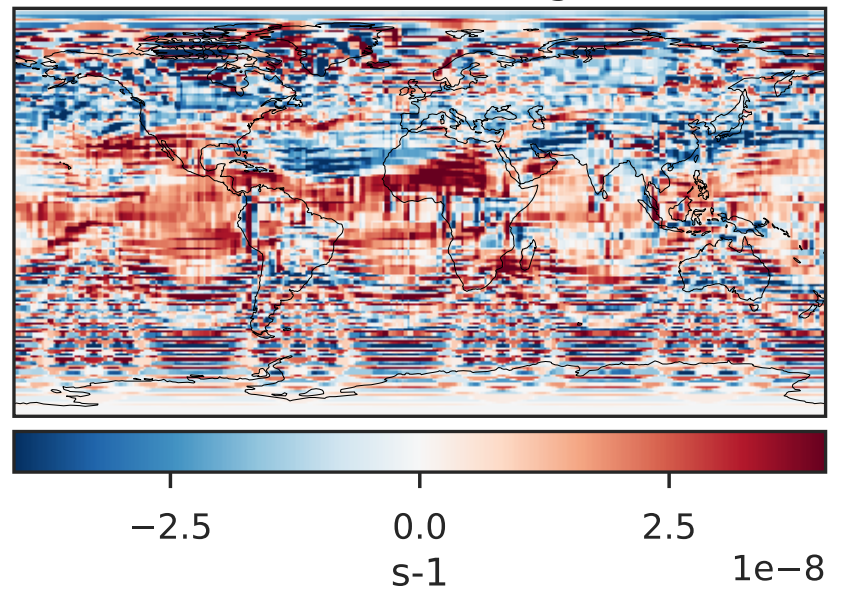
GCHP\_14.2.0 (Dev)  
c24



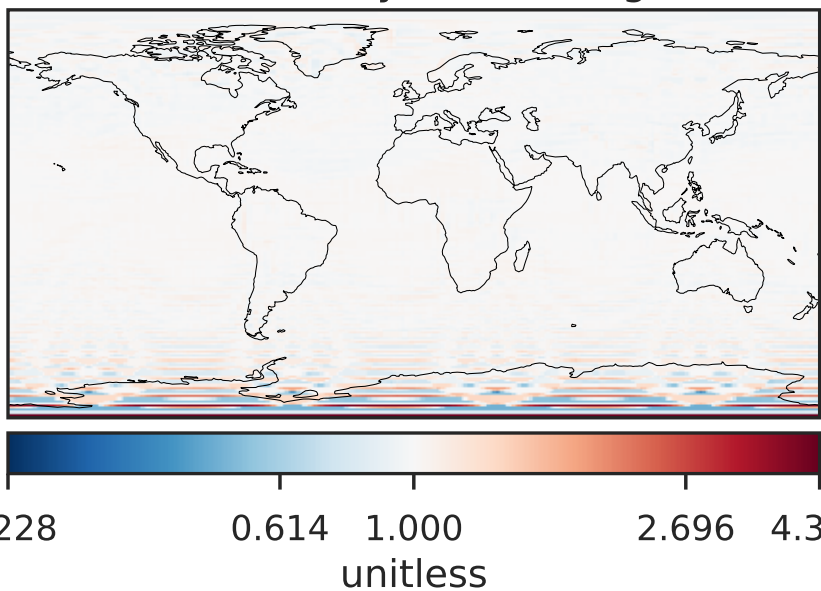
Difference (1x1.25)  
Dev - Ref, Dynamic Range



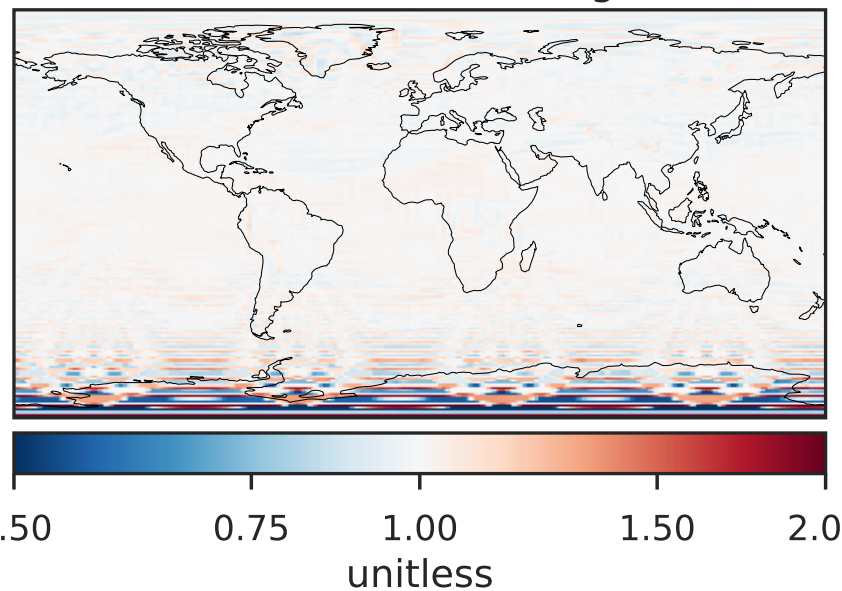
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



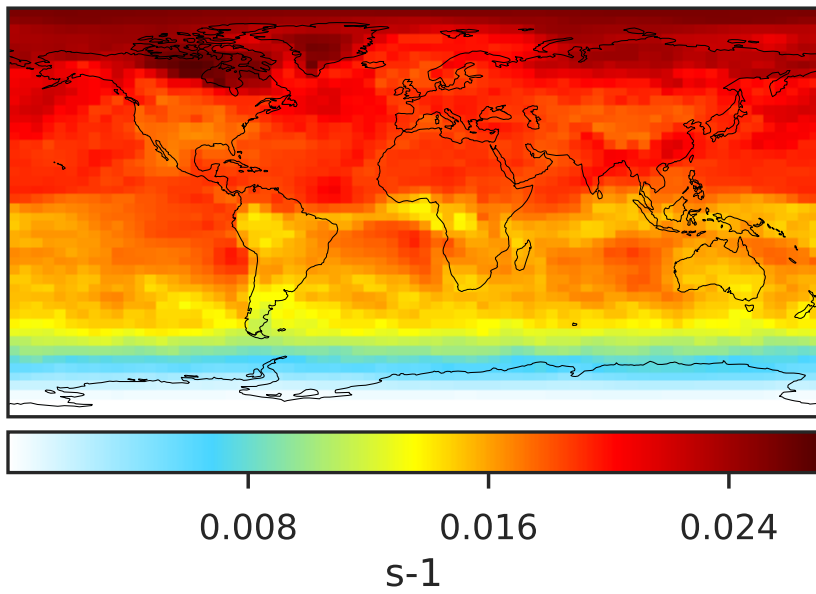
Ratio (1x1.25)  
Dev/Ref, Fixed Range



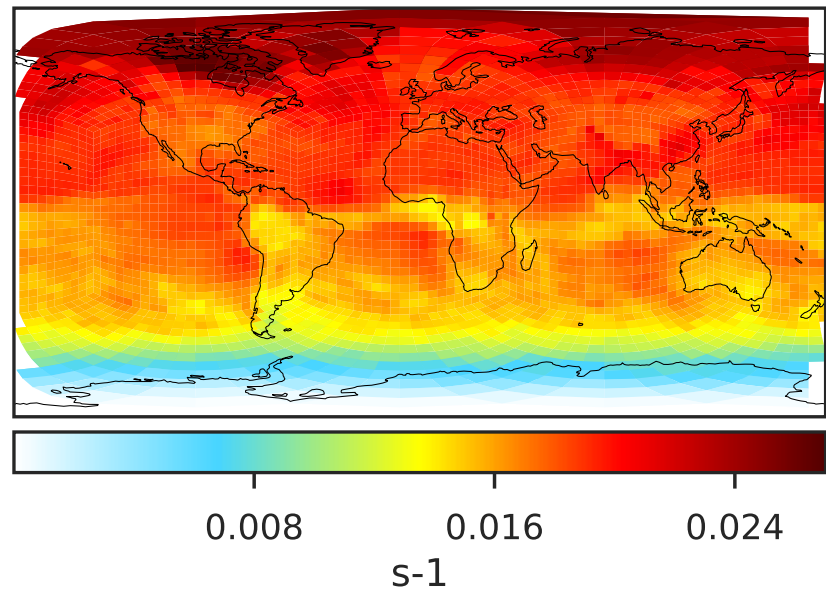


# Jval\_INO (Apr2019)

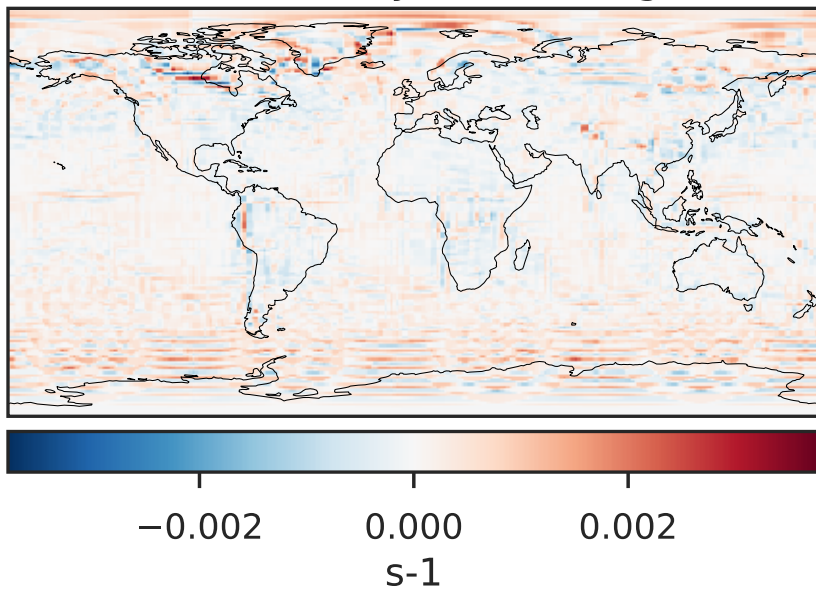
GCC\_14.2.0 (Ref)  
4.0x5.0



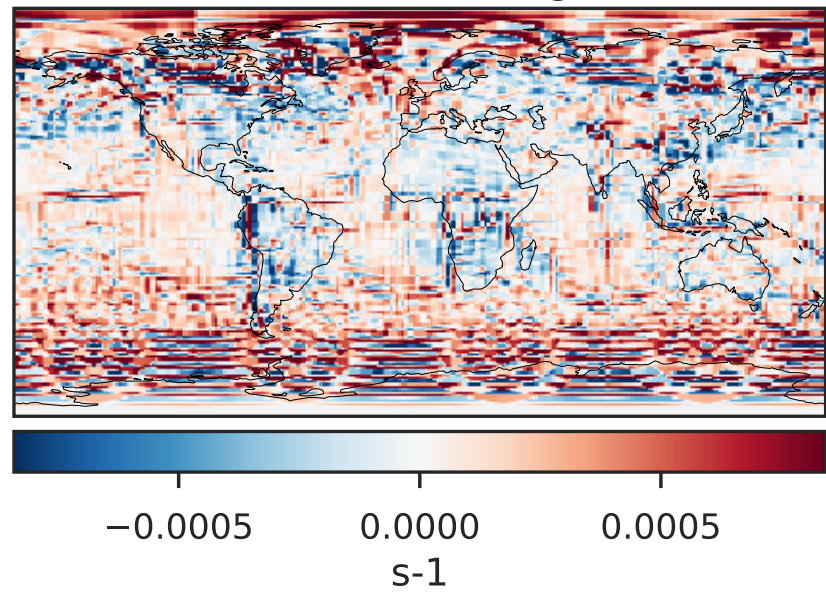
GCHP\_14.2.0 (Dev)  
c24



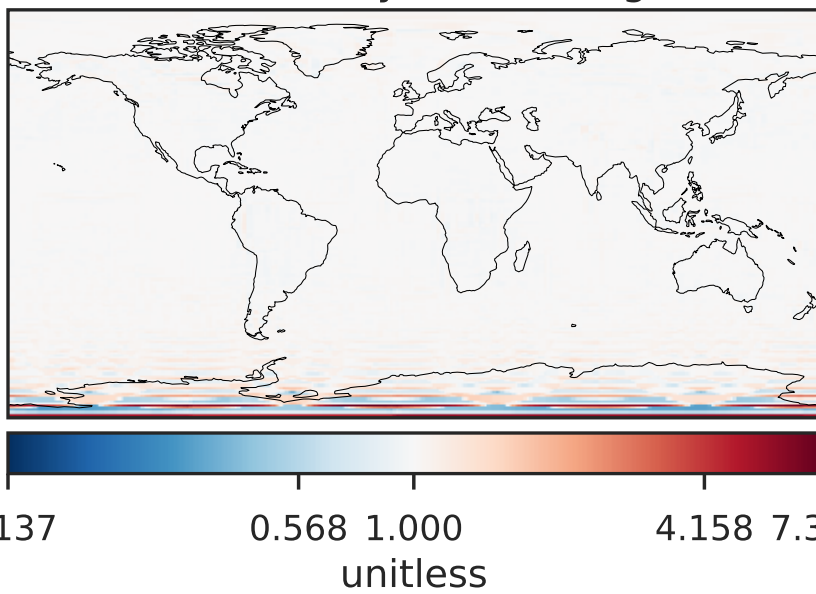
Difference (1x1.25)  
Dev - Ref, Dynamic Range



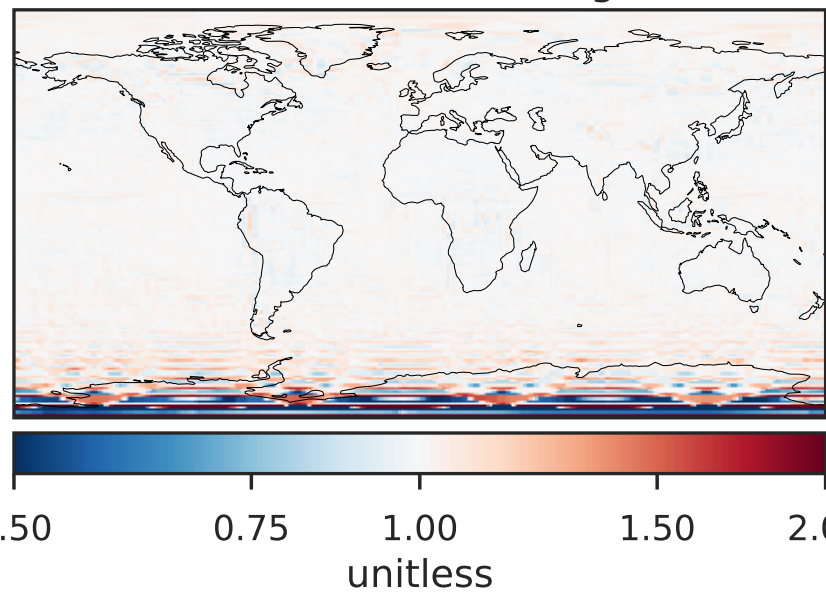
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

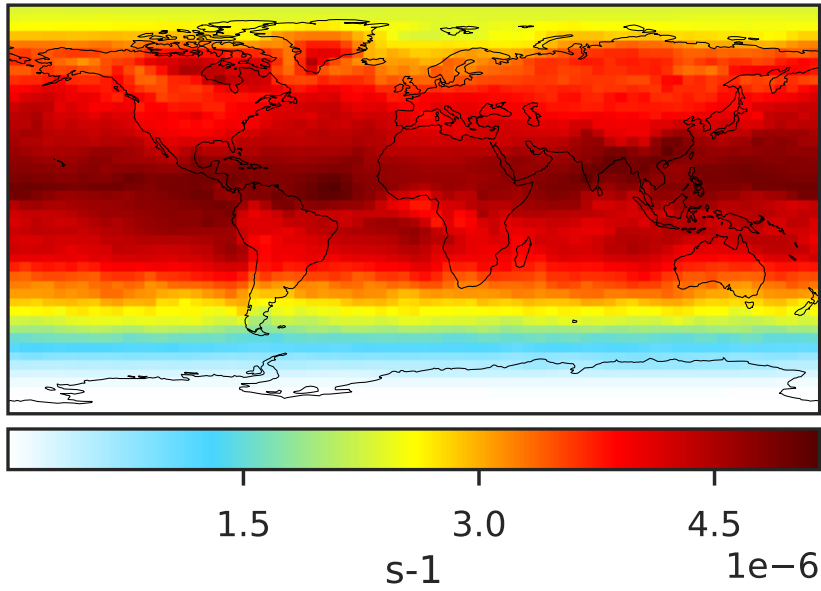


Ratio (1x1.25)  
Dev/Ref, Fixed Range

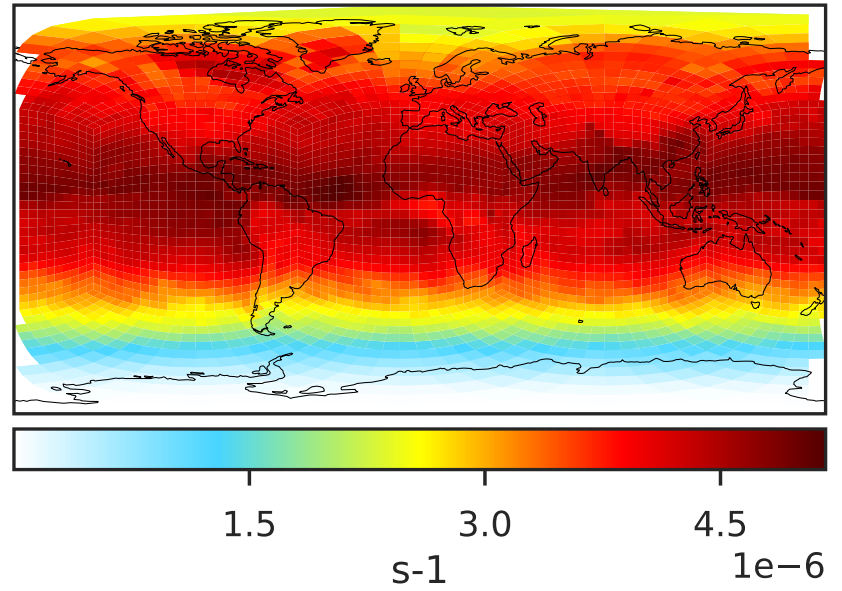


# Jval\_INPB (Apr2019)

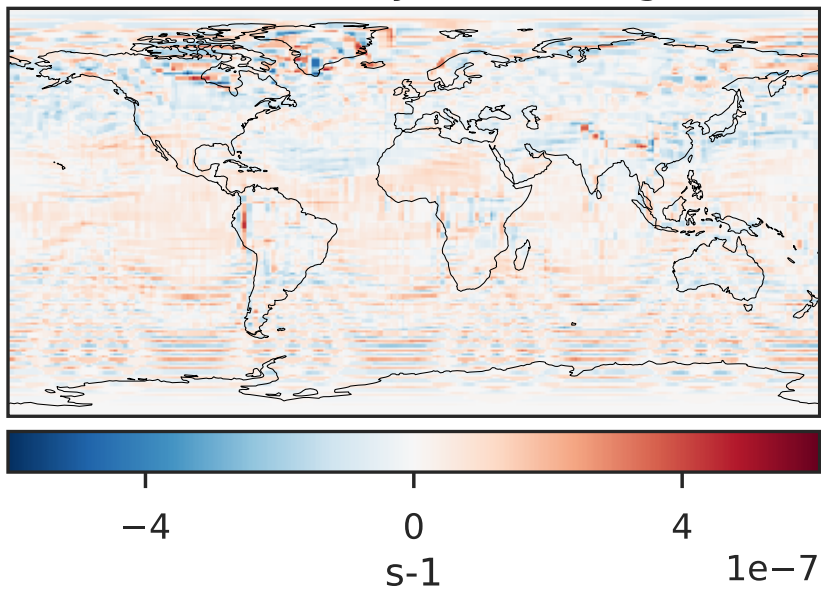
GCC\_14.2.0 (Ref)  
4.0x5.0



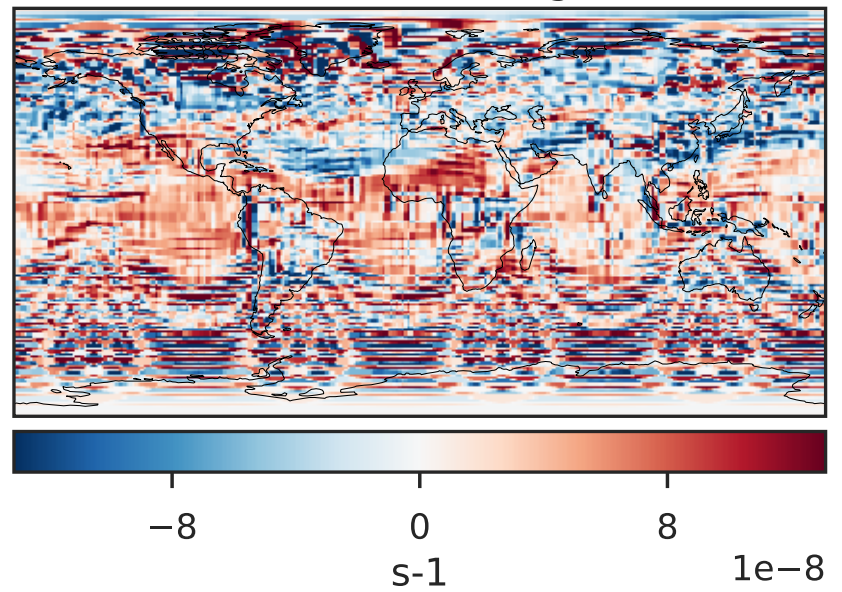
GCHP\_14.2.0 (Dev)  
c24



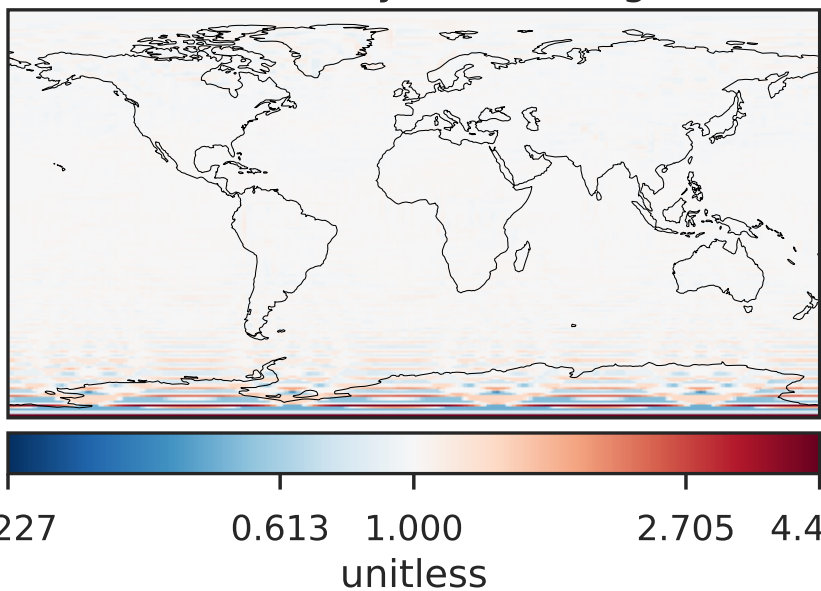
Difference (1x1.25)  
Dev - Ref, Dynamic Range



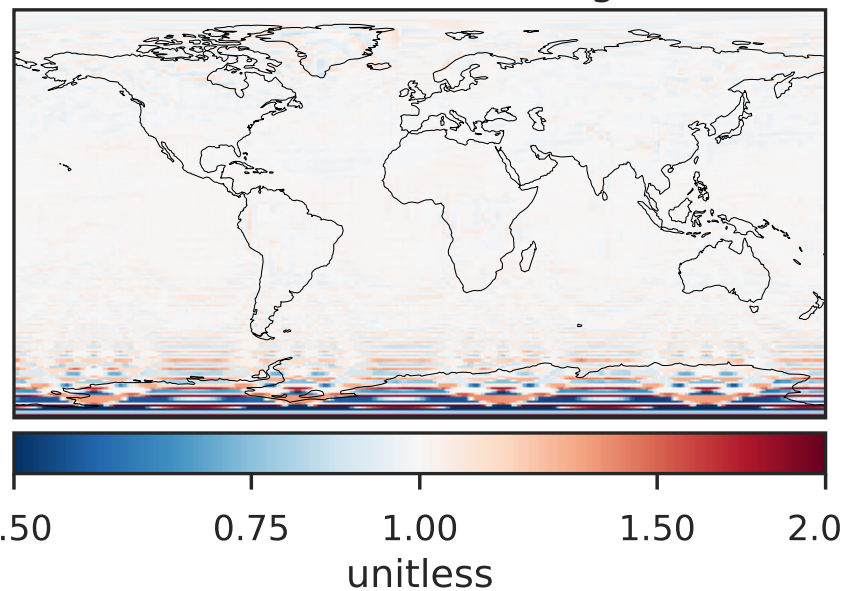
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



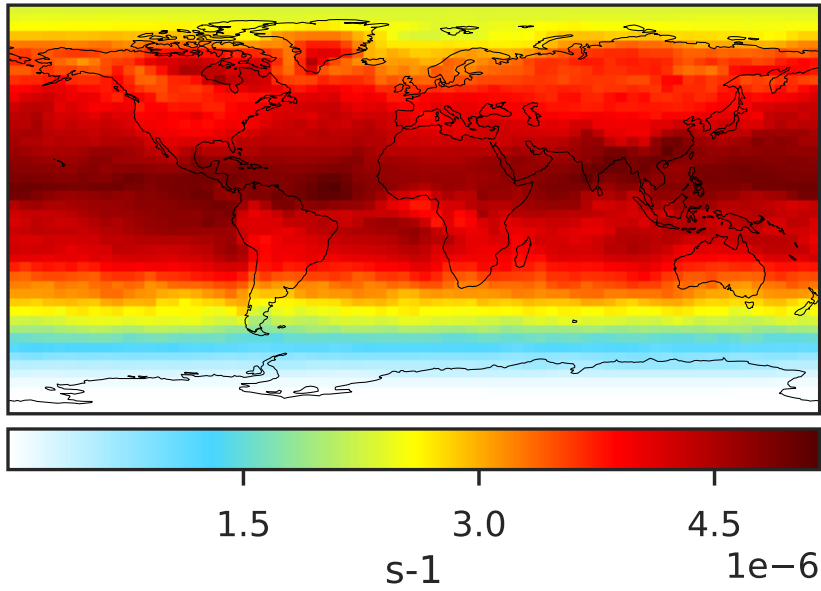
Ratio (1x1.25)  
Dev/Ref, Fixed Range



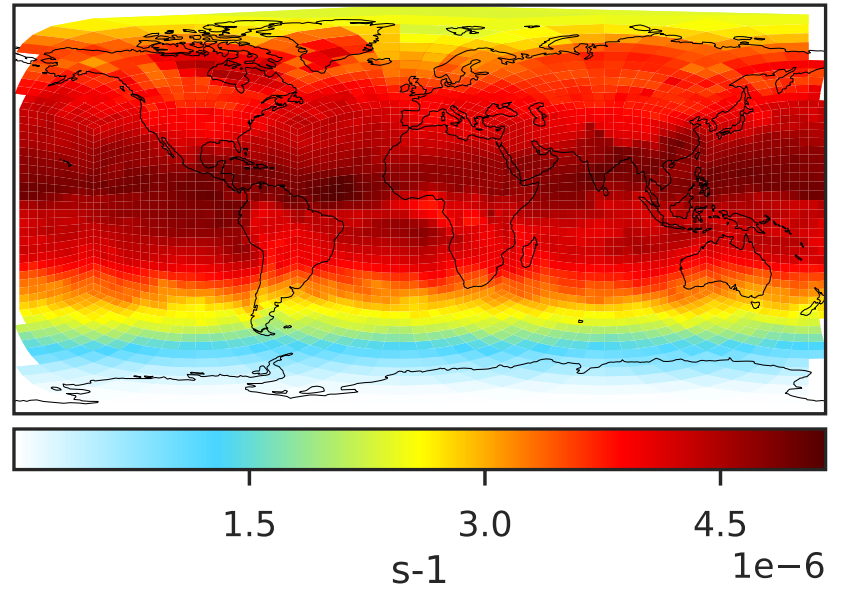


# Jval\_INPD (Apr2019)

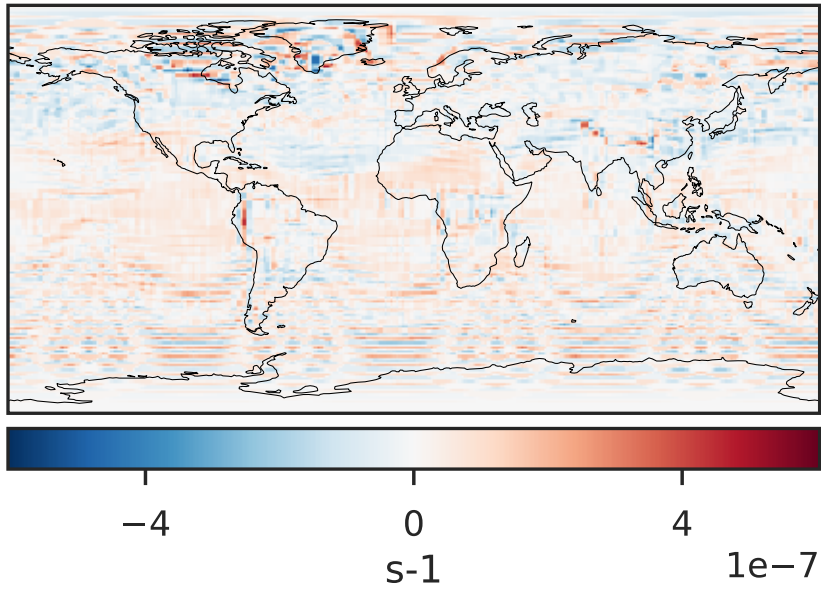
GCC\_14.2.0 (Ref)  
4.0x5.0



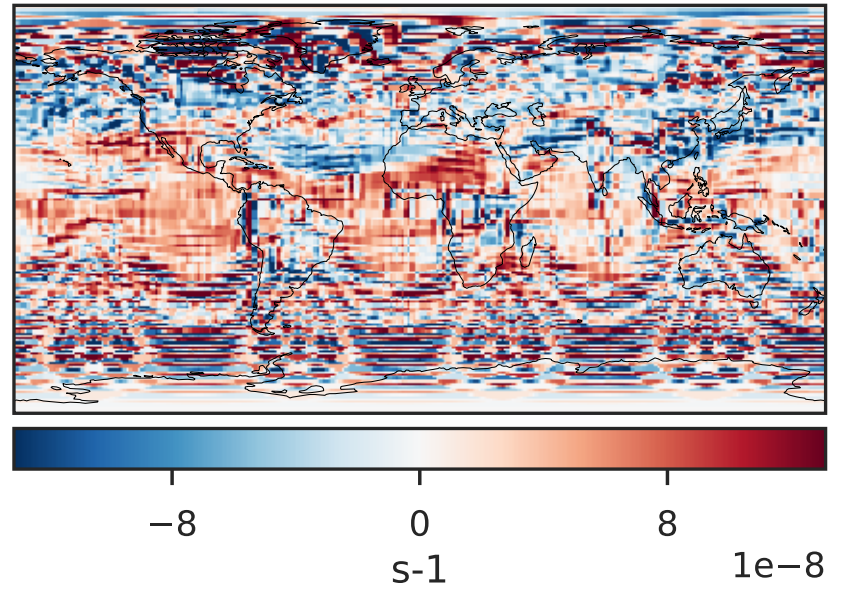
GCHP\_14.2.0 (Dev)  
c24



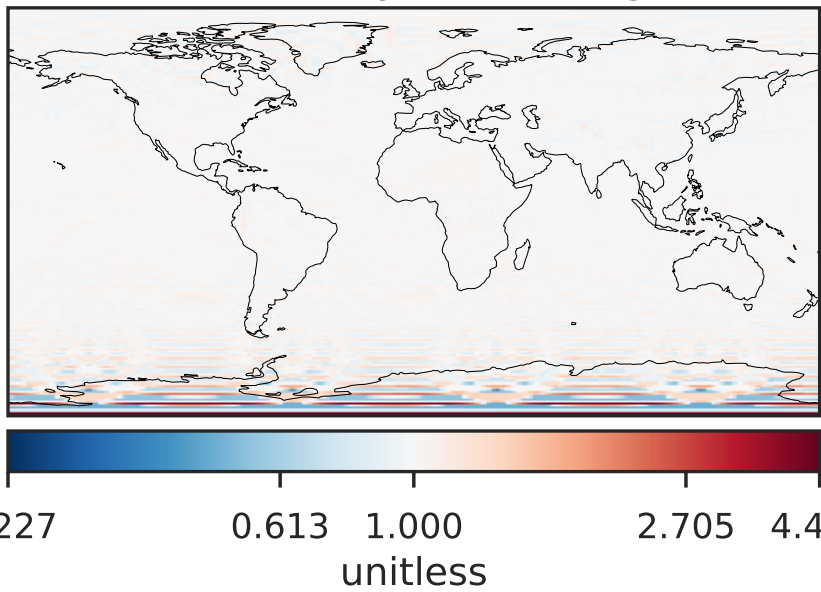
Difference (1x1.25)  
Dev - Ref, Dynamic Range



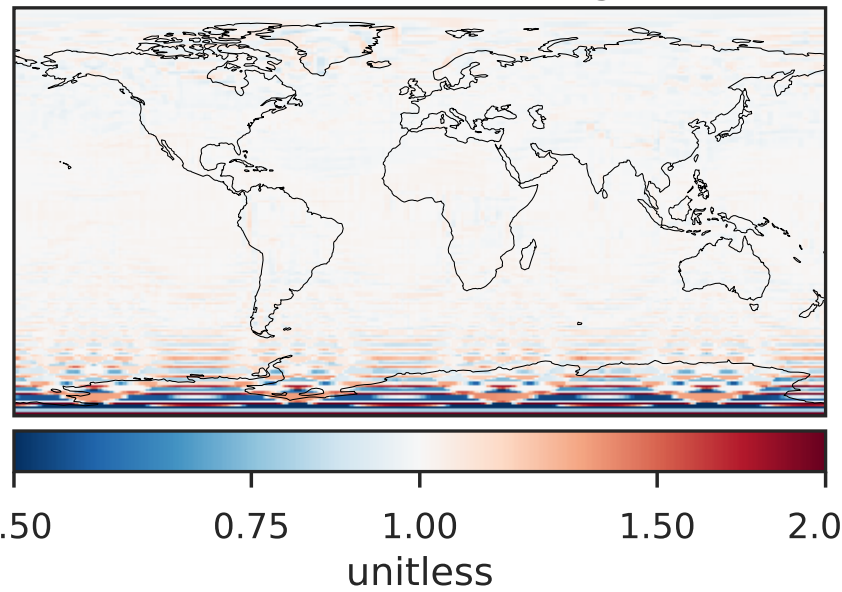
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

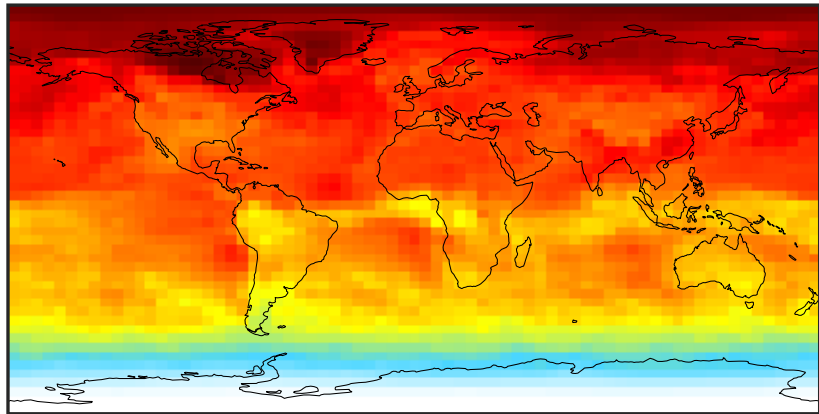


Ratio (1x1.25)  
Dev/Ref, Fixed Range



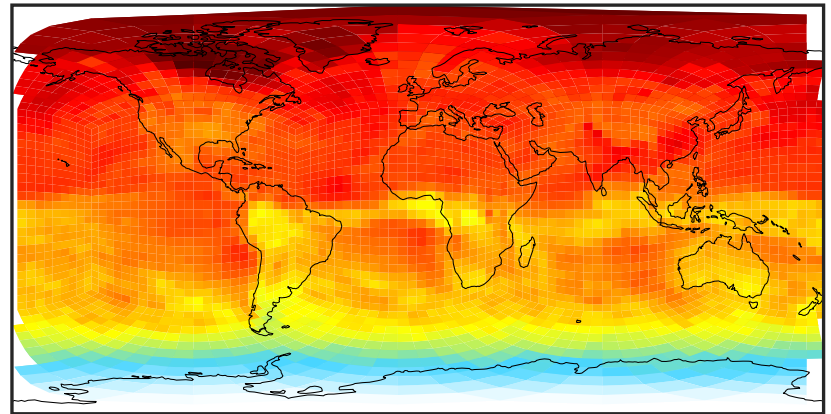
# Jval\_IO (Apr2019)

GCC\_14.2.0 (Ref)  
4.0x5.0



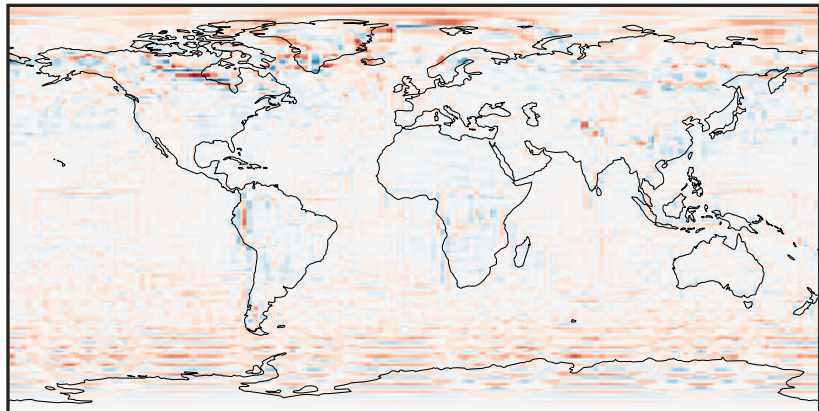
0.0000 0.0418 0.0836 0.1255 0.1673  
s-1

GCHP\_14.2.0 (Dev)  
c24



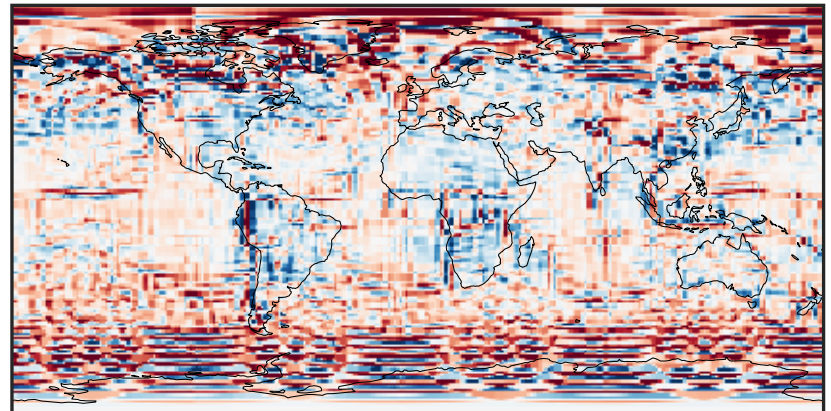
0.0000 0.0418 0.0836 0.1255 0.1673  
s-1

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



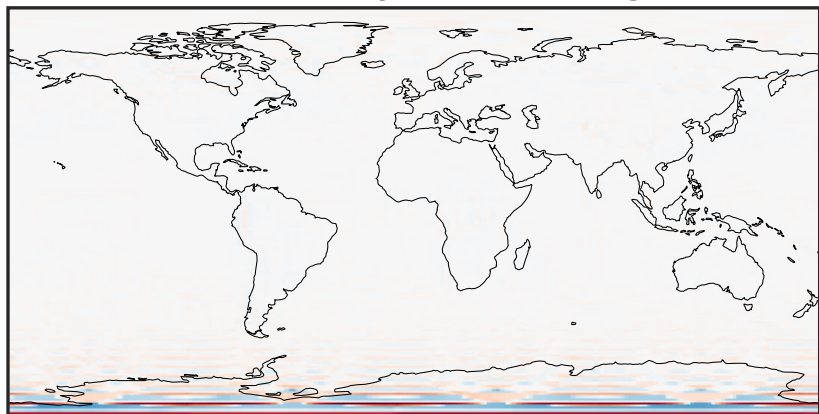
-0.015 0.000 0.015  
s-1

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



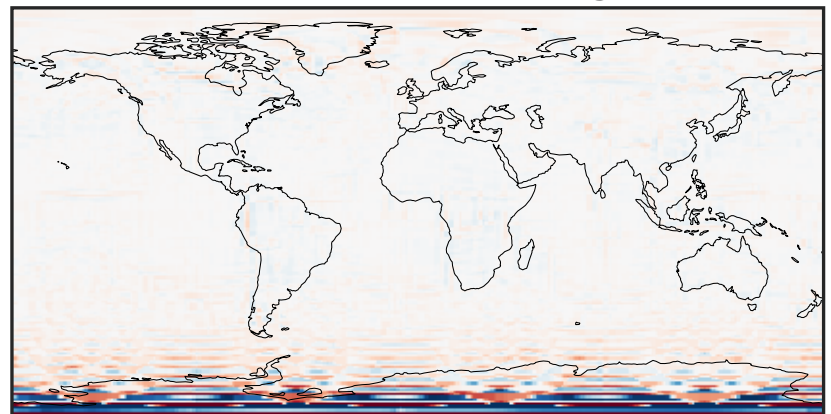
-0.003 0.000 0.003  
s-1

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



0.137 0.569 1.000 4.143 7.286  
unitless

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

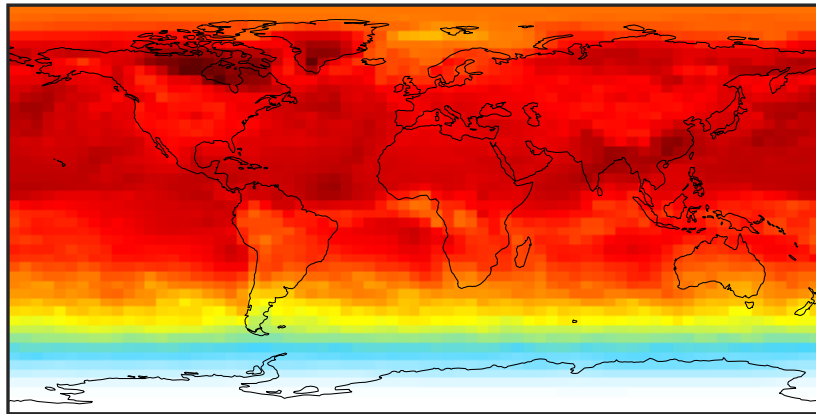


0.50 0.75 1.00 1.50 2.00  
unitless



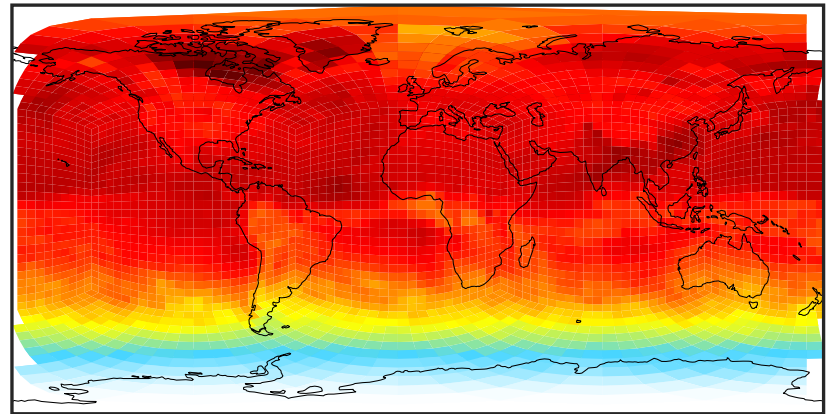
# Jval\_IONO (Apr2019)

GCC\_14.2.0 (Ref)  
4.0x5.0



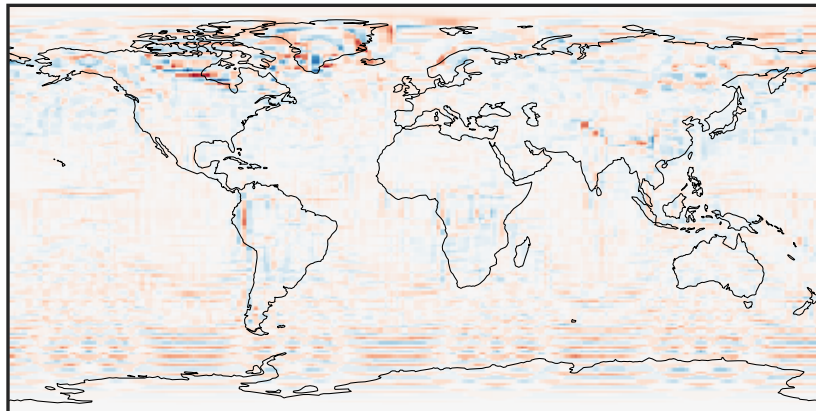
0.0006 0.0012 0.0018  
s-1

GCHP\_14.2.0 (Dev)  
c24



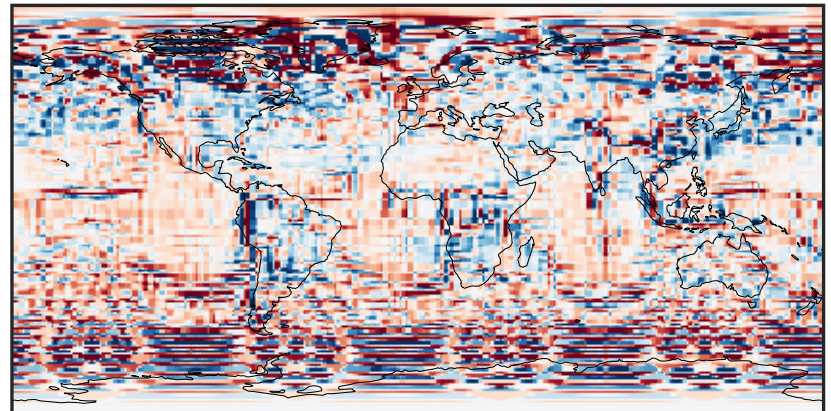
0.0006 0.0012 0.0018  
s-1

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



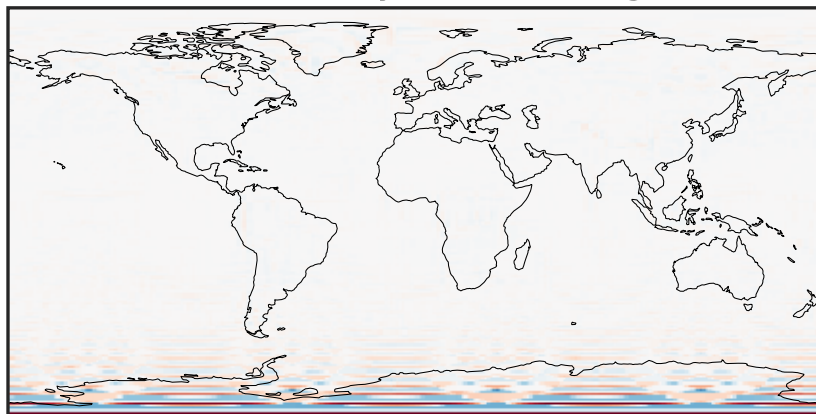
-0.00015 0.0000 0.00015  
s-1

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



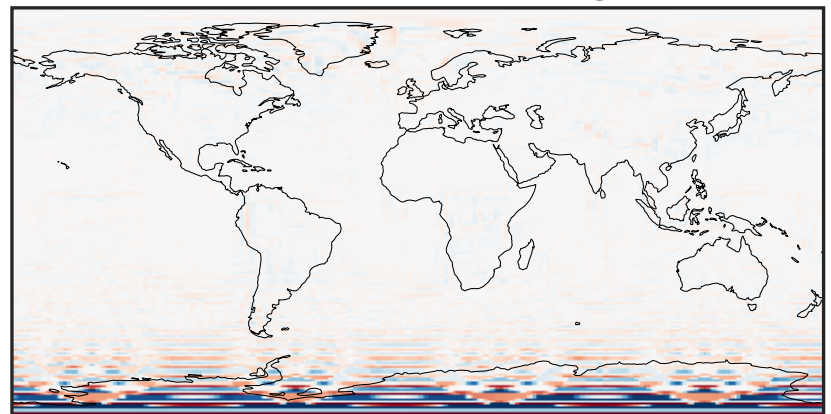
-3 0 3  
s-1 1e-5

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



0.224 0.612 1.000 2.734 4.469  
unitless

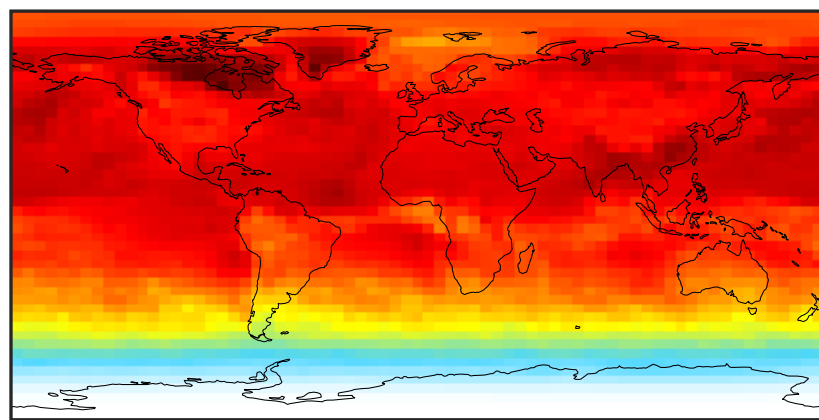
Ratio (1x1.25)  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

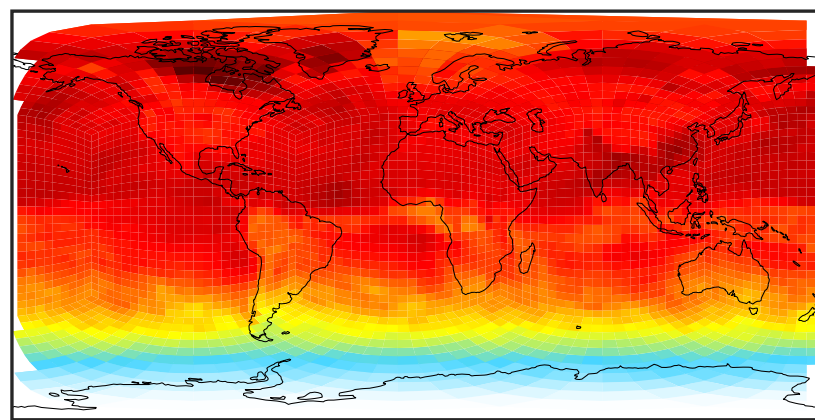
# Jval\_IONO2 (Apr2019)

GCC\_14.2.0 (Ref)  
4.0x5.0



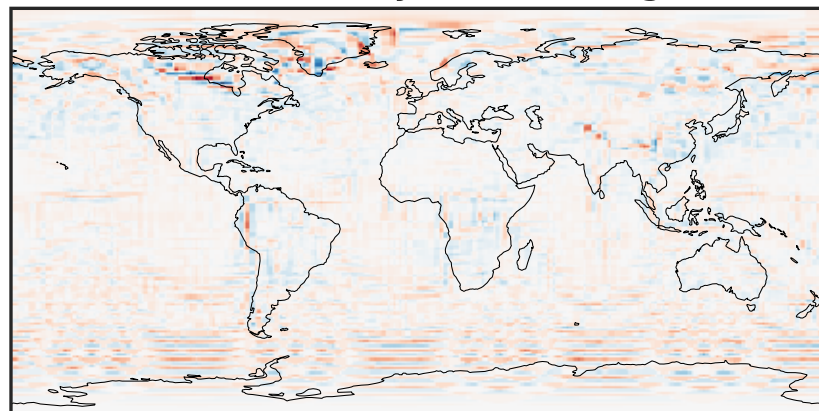
0.002 0.004 0.006  
s-1

GCHP\_14.2.0 (Dev)  
c24



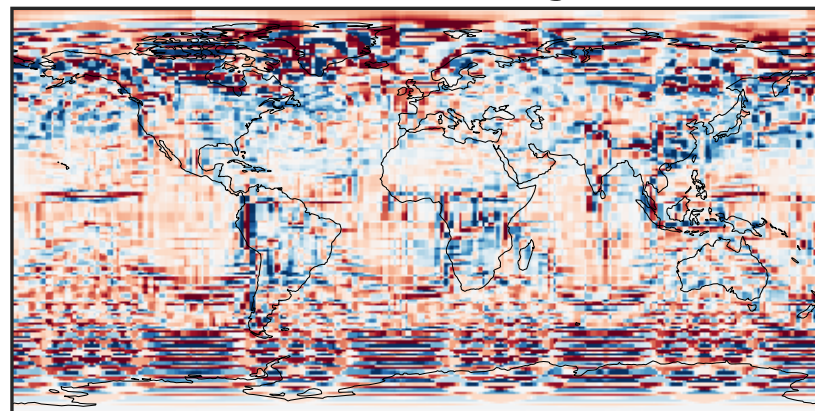
0.002 0.004 0.006  
s-1

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



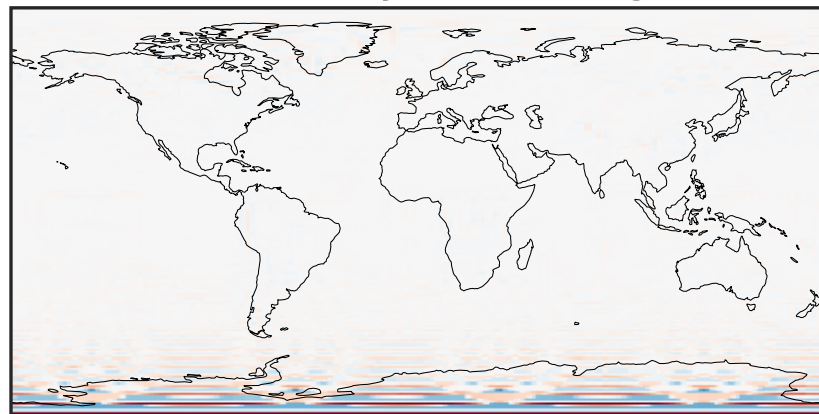
-0.0005 0.0000 0.0005  
s-1

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



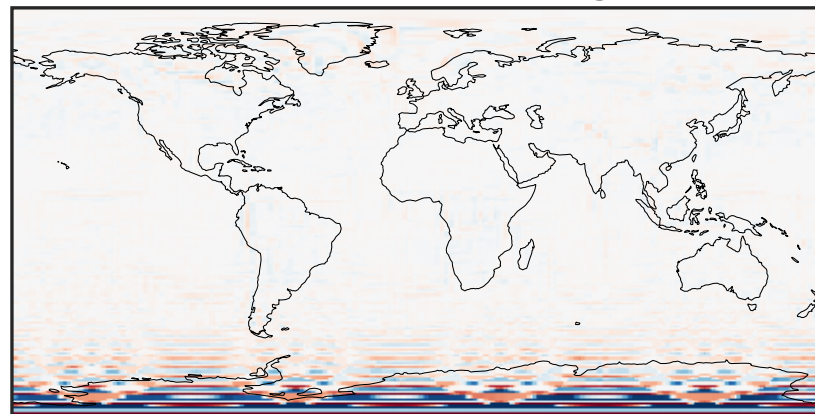
-0.0001 0.0000 0.0001  
s-1

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



0.221 0.610 1.000 2.763 4.527  
unitless

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

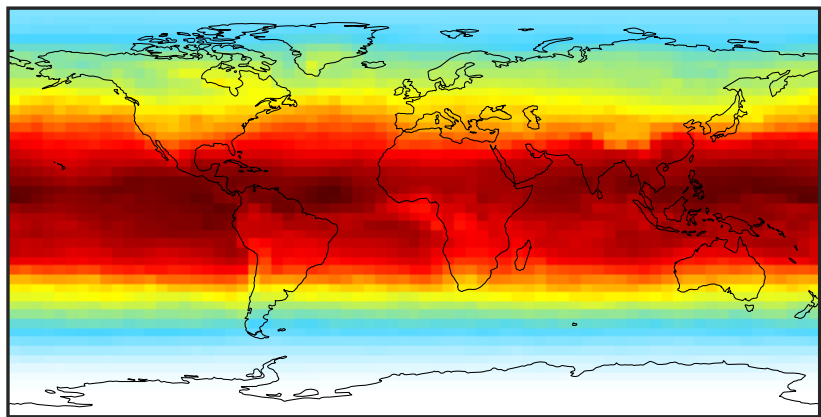


0.50 0.75 1.00 1.50 2.00  
unitless



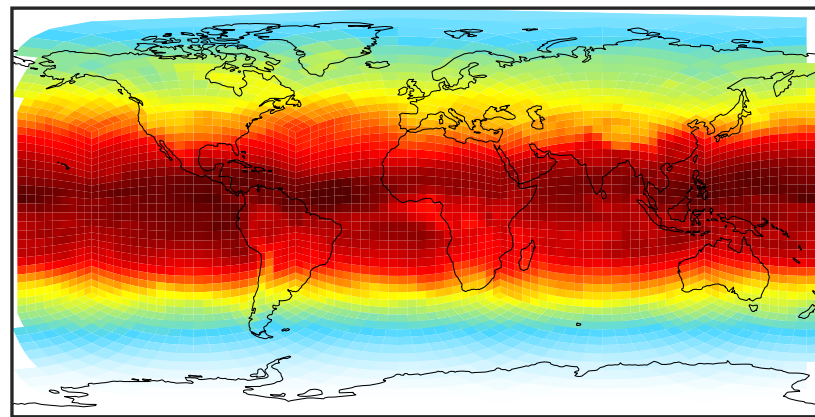
# Jval\_IPRNO3 (Apr2019)

GCC\_14.2.0 (Ref)  
4.0x5.0



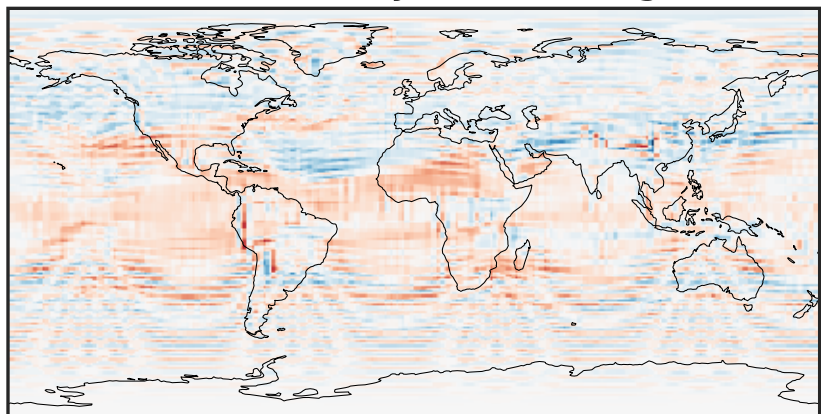
0.4 0.8 1.2  
s-1 1e-6

GCHP\_14.2.0 (Dev)  
c24



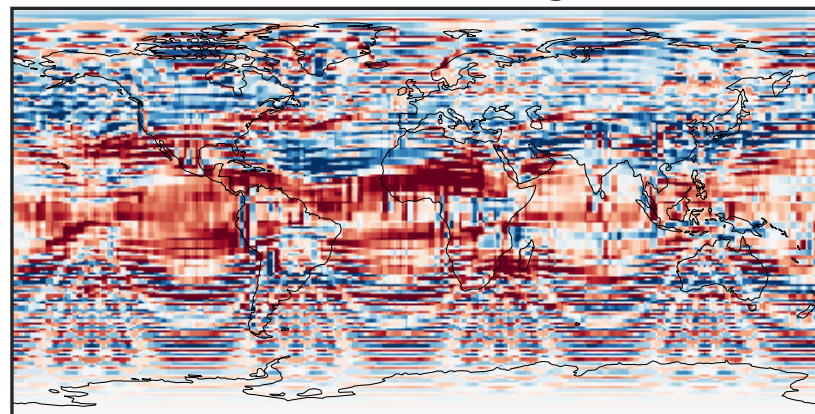
0.4 0.8 1.2  
s-1 1e-6

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



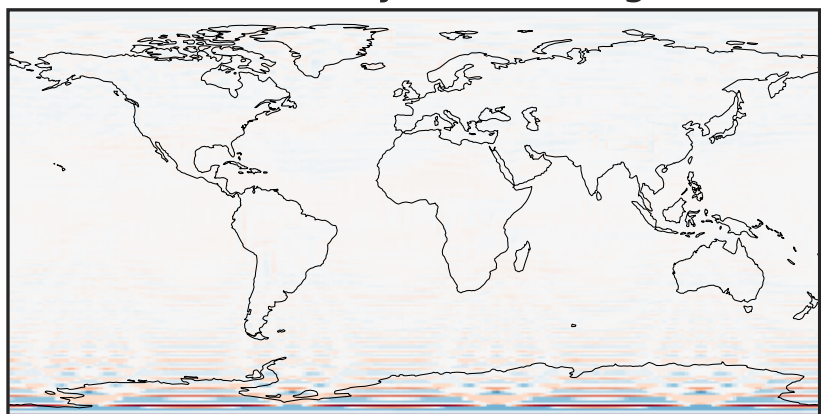
-8 0 8  
s-1 1e-8

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



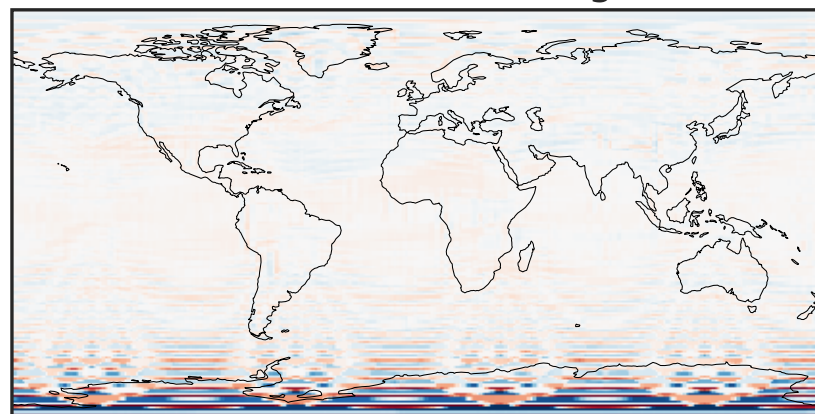
-2 0 2  
s-1 1e-8

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



0.226 0.613 1.000 2.716 4.432  
unitless

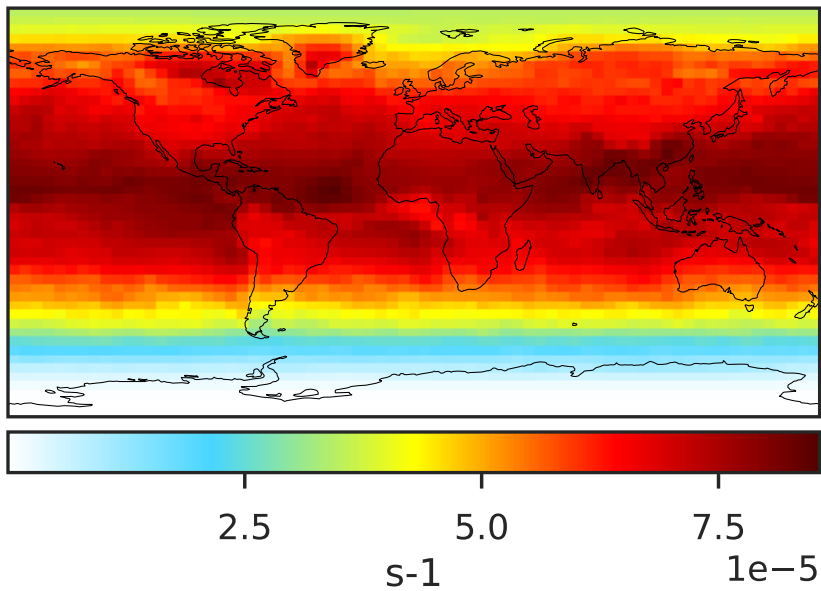
Ratio (1x1.25)  
Dev/Ref, Fixed Range



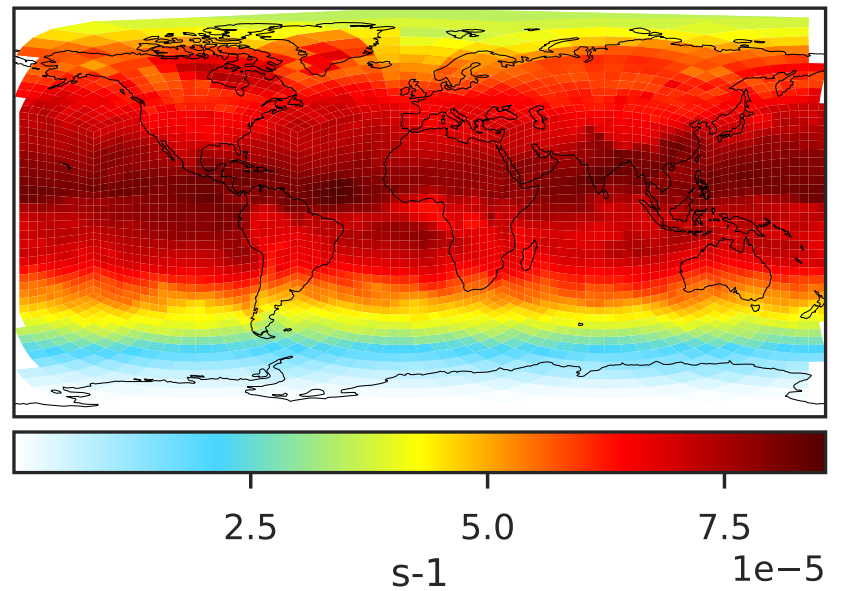
0.50 0.75 1.00 1.50 2.00  
unitless

# Jval\_ITCN (Apr2019)

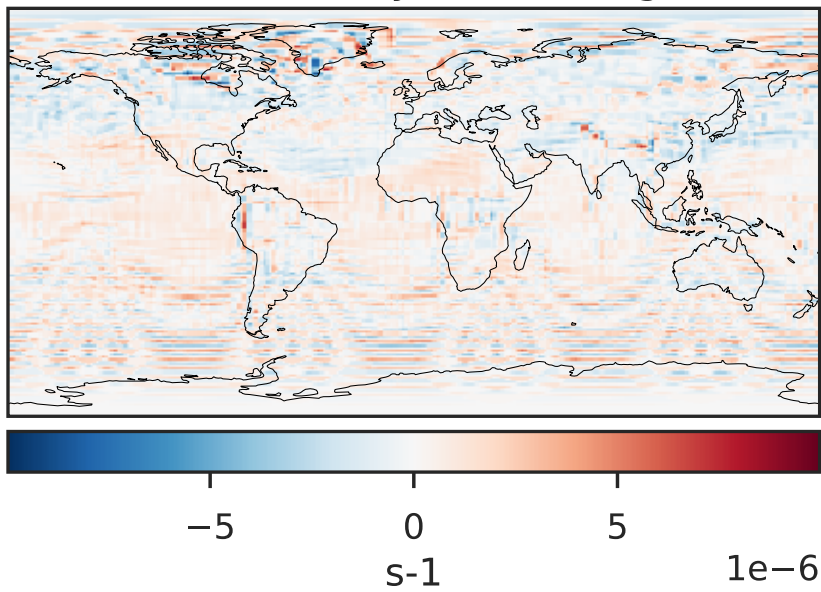
GCC\_14.2.0 (Ref)  
4.0x5.0



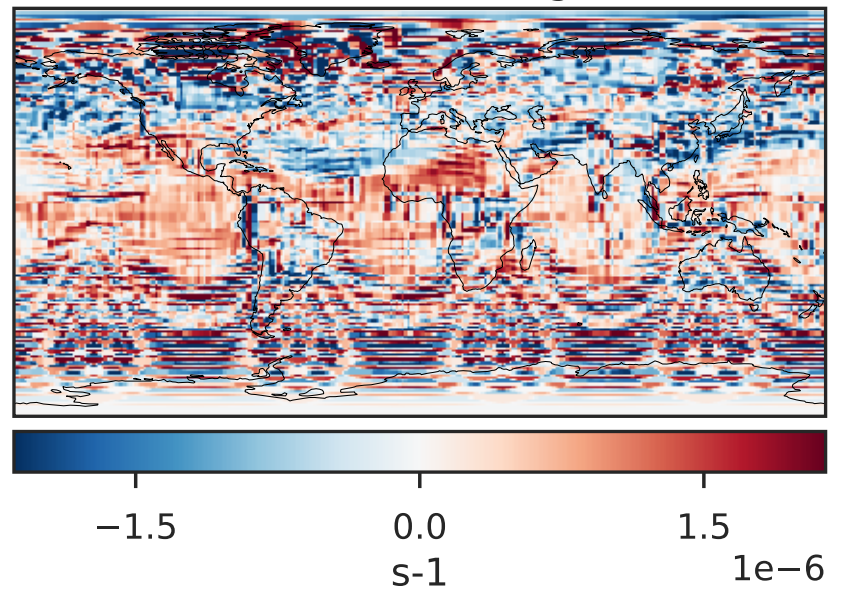
GCHP\_14.2.0 (Dev)  
c24



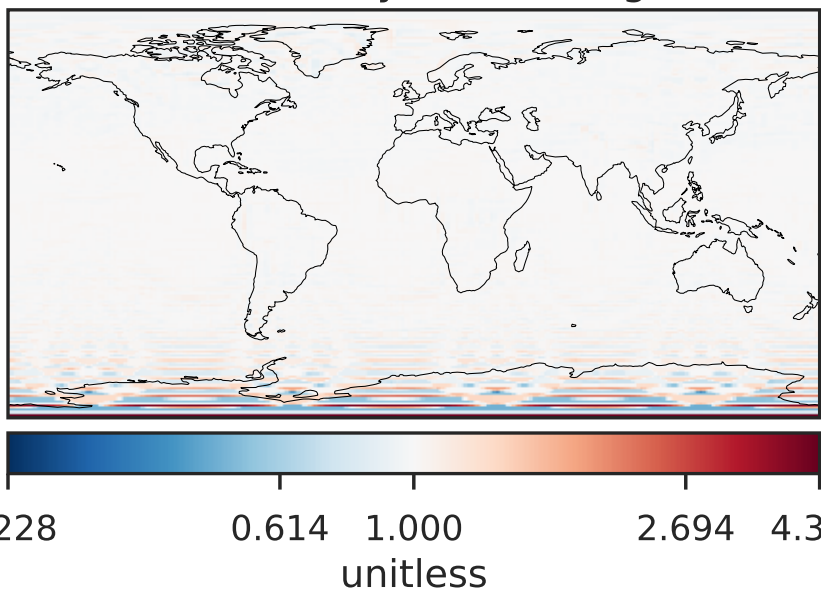
Difference (1x1.25)  
Dev - Ref, Dynamic Range



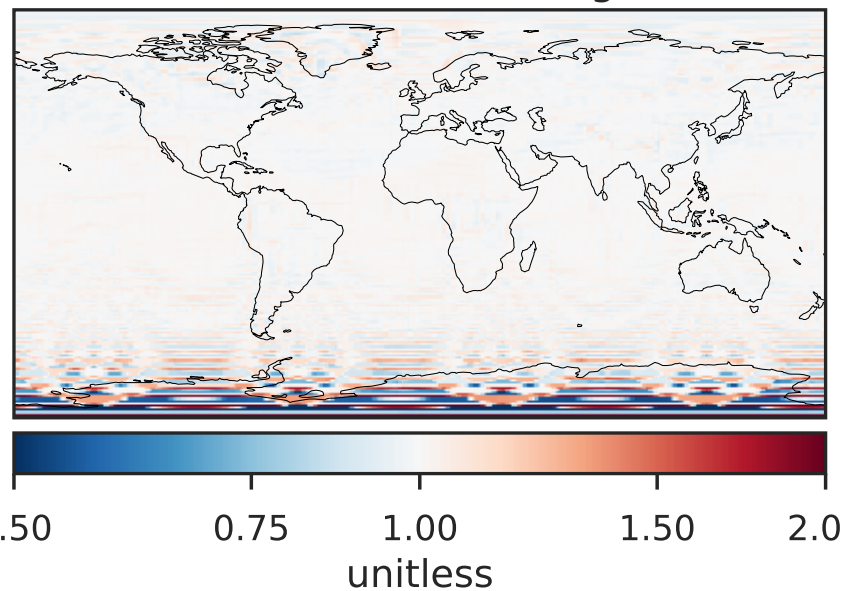
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



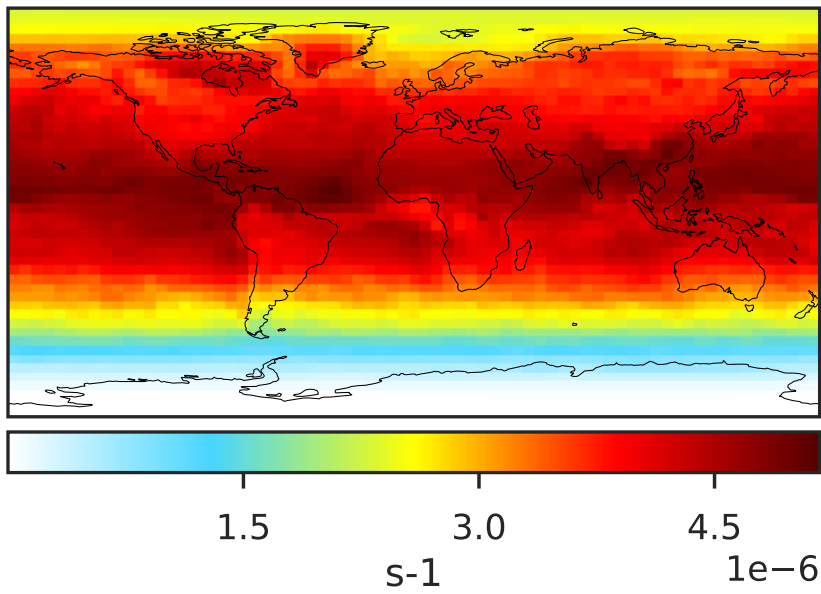
Ratio (1x1.25)  
Dev/Ref, Fixed Range



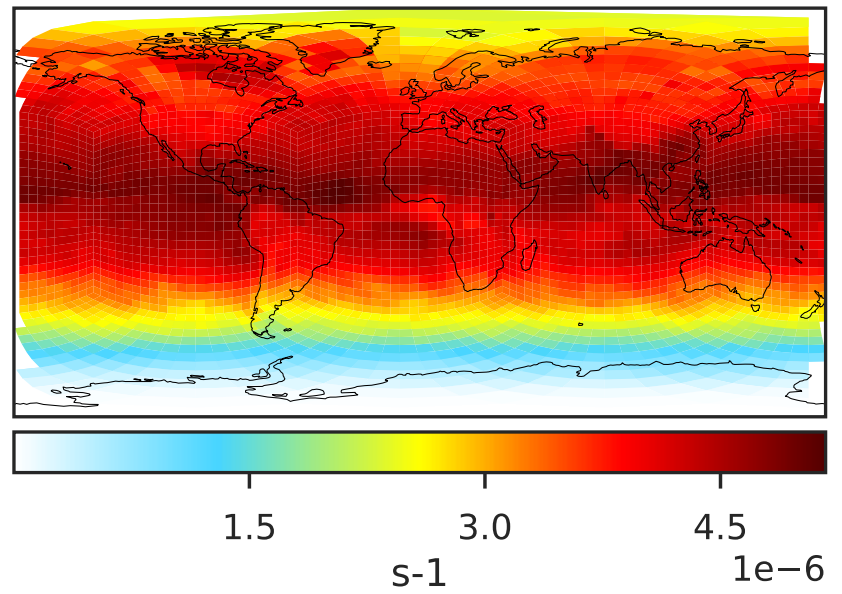


# Jval\_ITHN (Apr2019)

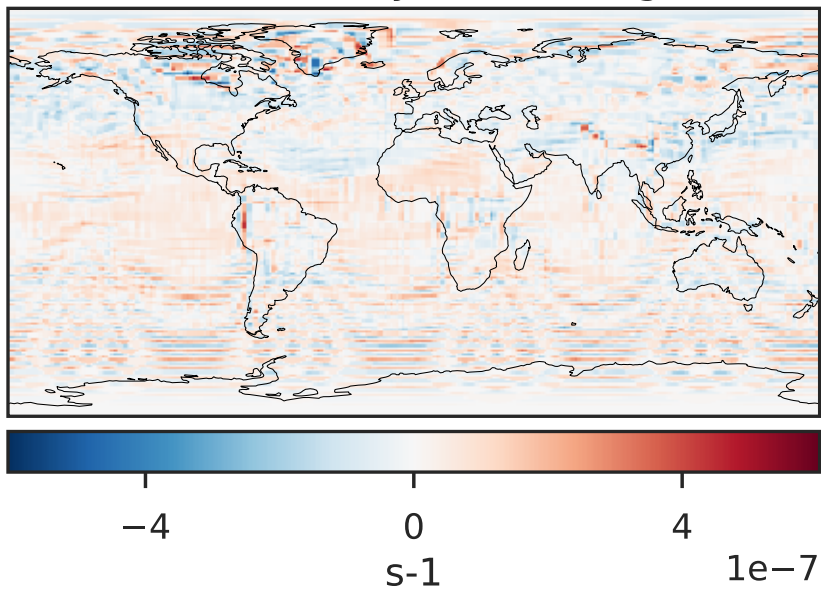
GCC\_14.2.0 (Ref)  
4.0x5.0



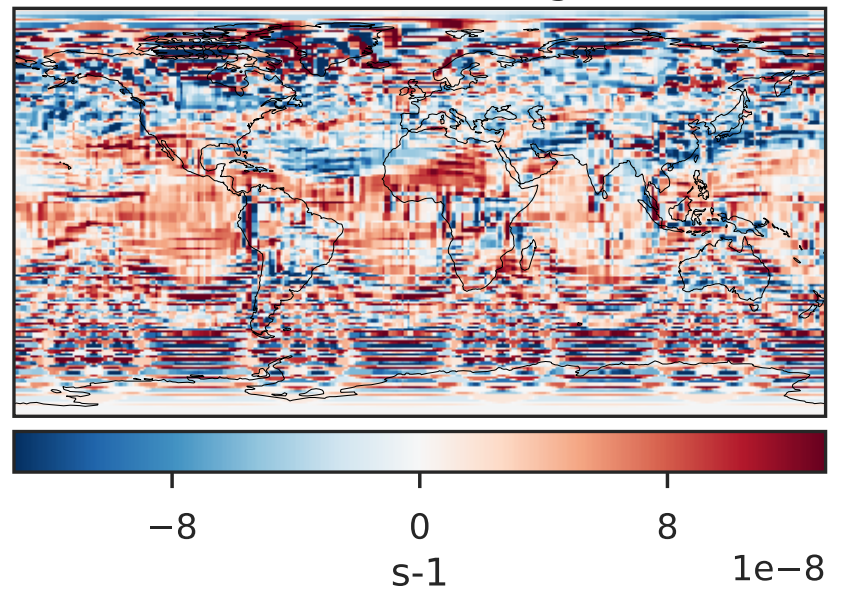
GCHP\_14.2.0 (Dev)  
c24



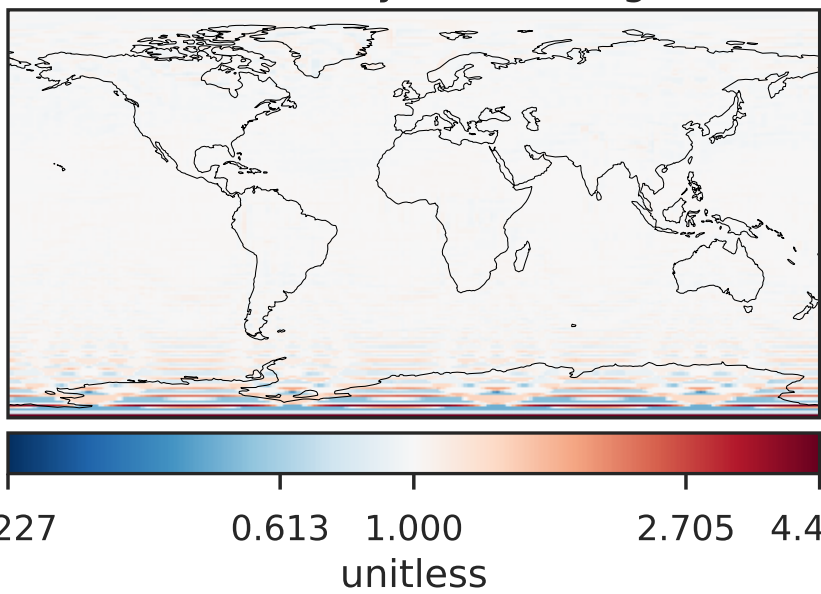
Difference (1x1.25)  
Dev - Ref, Dynamic Range



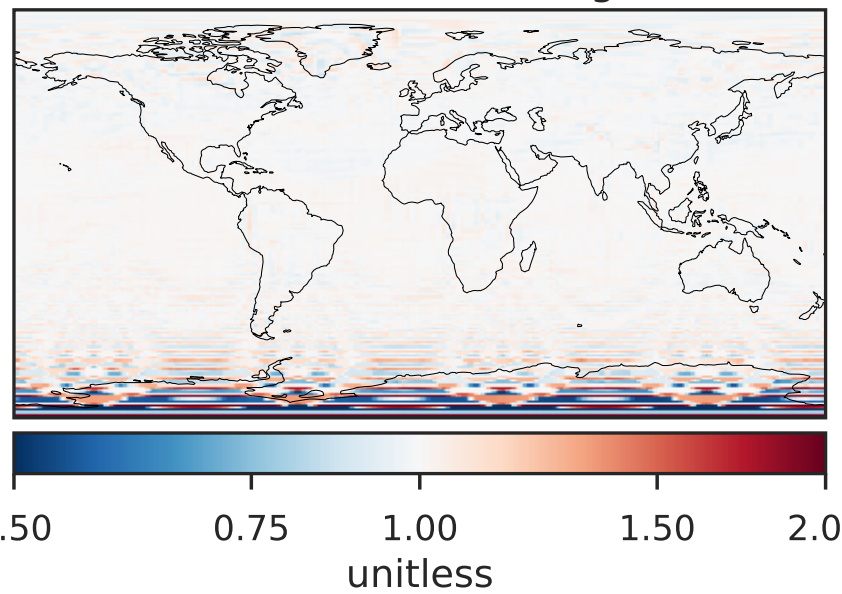
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

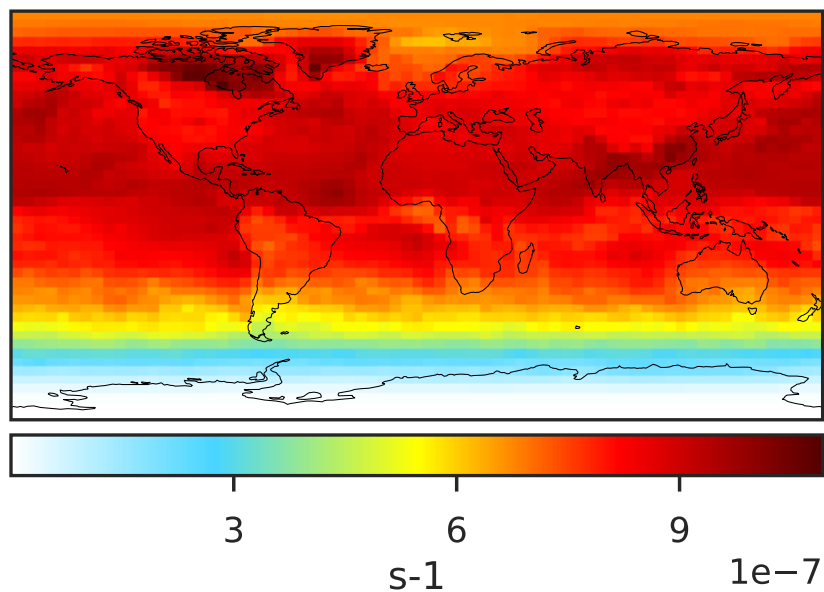


Ratio (1x1.25)  
Dev/Ref, Fixed Range

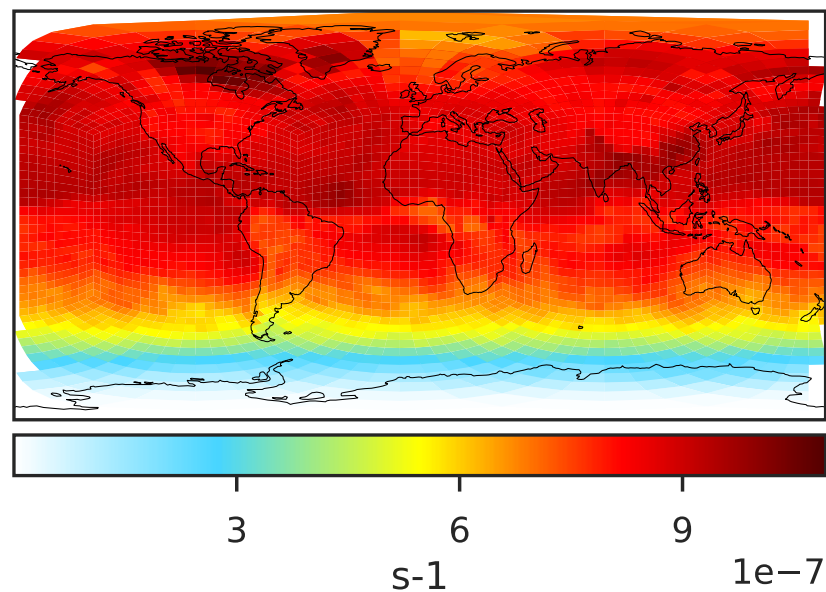


# Jval\_MACR (Apr2019)

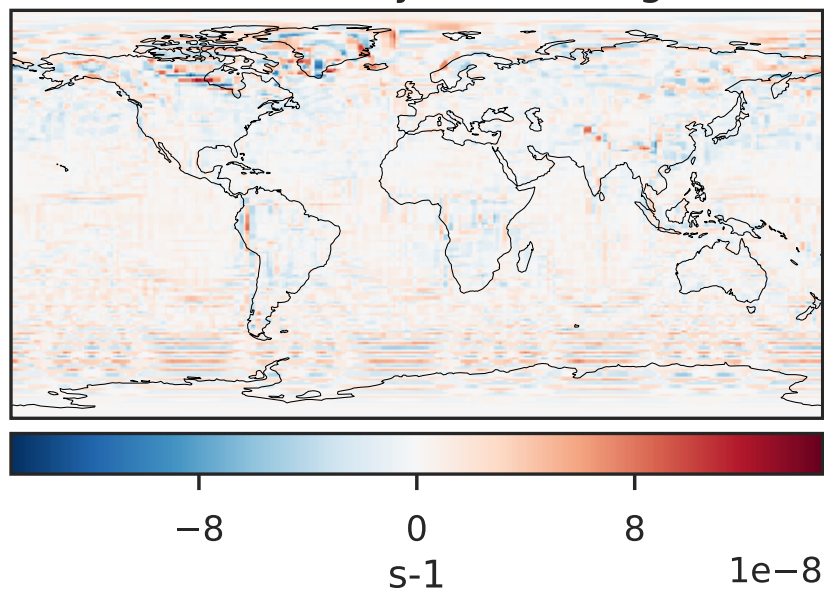
GCC\_14.2.0 (Ref)  
4.0x5.0



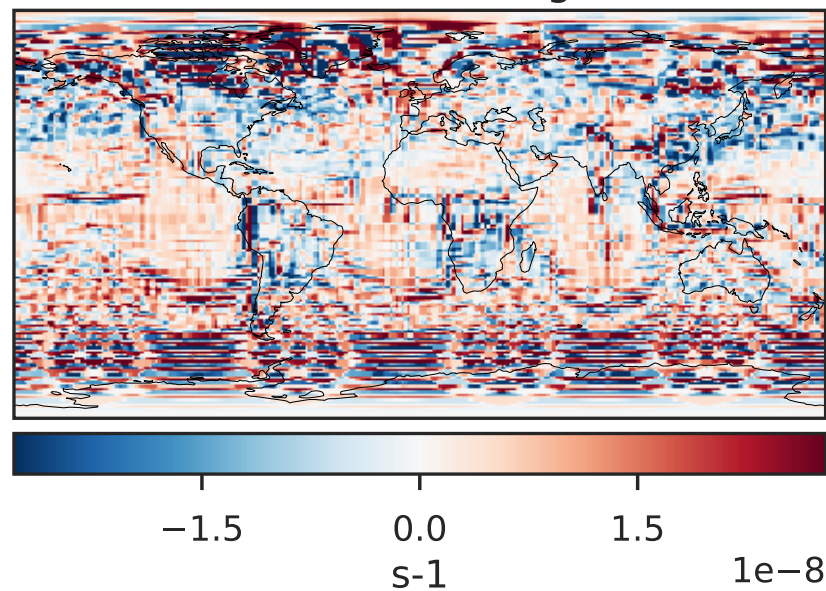
GCHP\_14.2.0 (Dev)  
c24



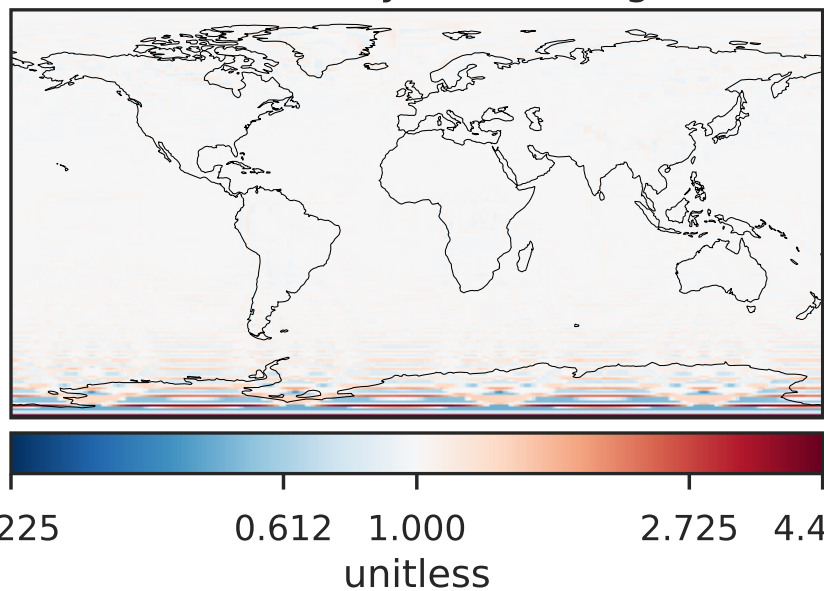
Difference (1x1.25)  
Dev - Ref, Dynamic Range



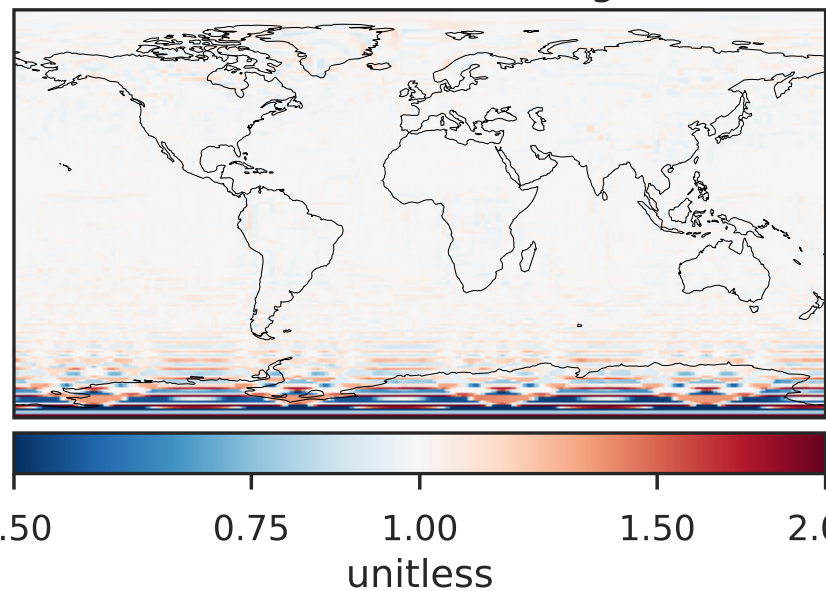
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



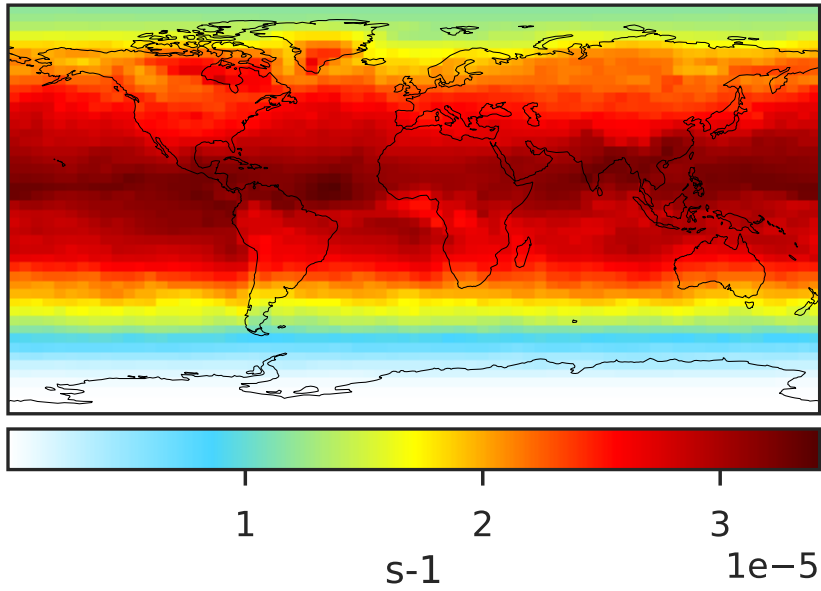
Ratio (1x1.25)  
Dev/Ref, Fixed Range



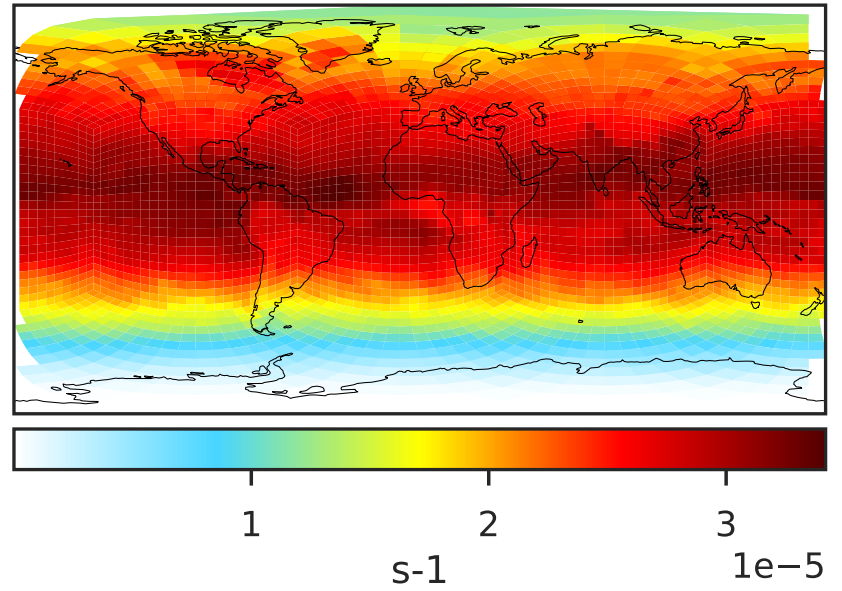


# Jval\_MACR100H (Apr2019)

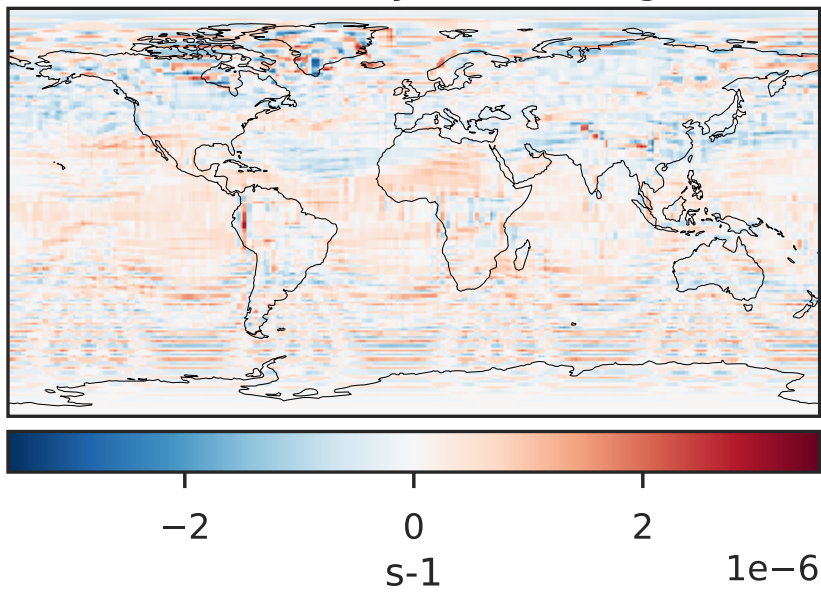
GCC\_14.2.0 (Ref)  
4.0x5.0



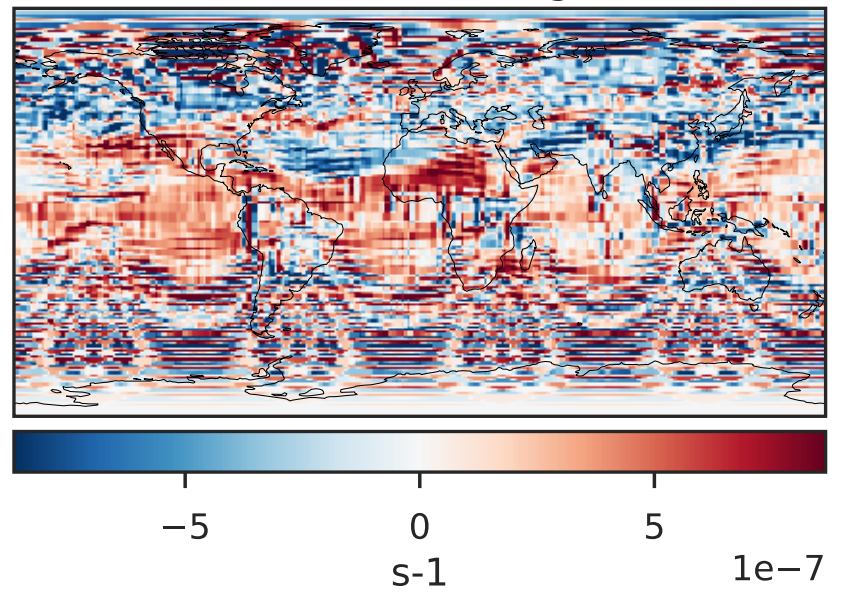
GCHP\_14.2.0 (Dev)  
c24



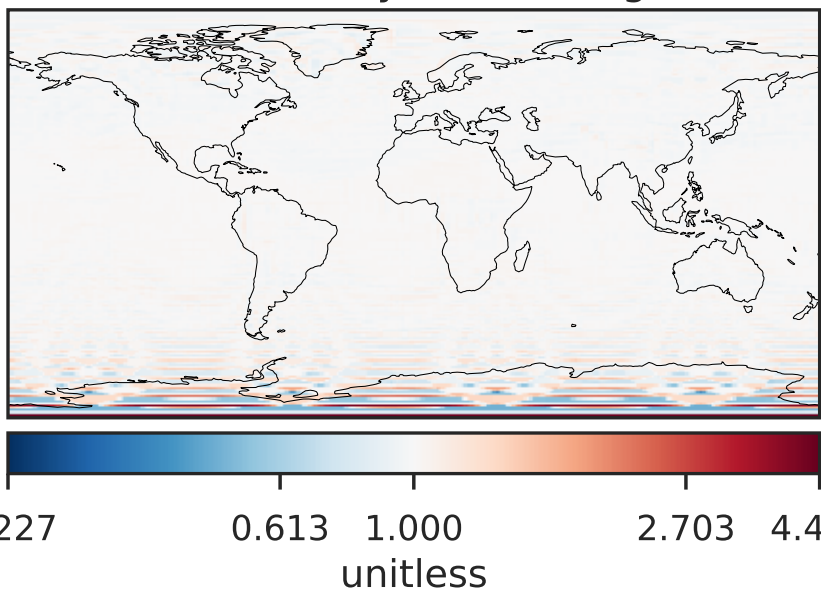
Difference (1x1.25)  
Dev - Ref, Dynamic Range



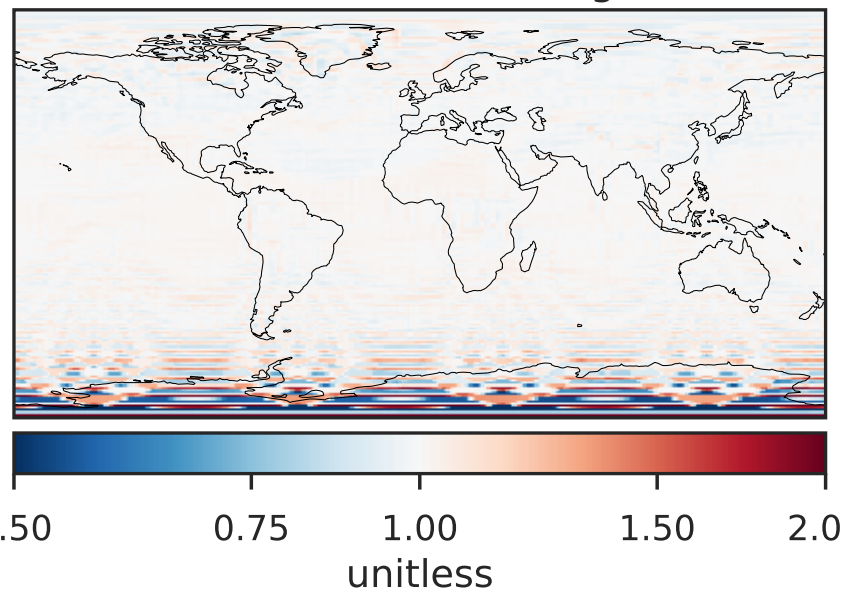
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

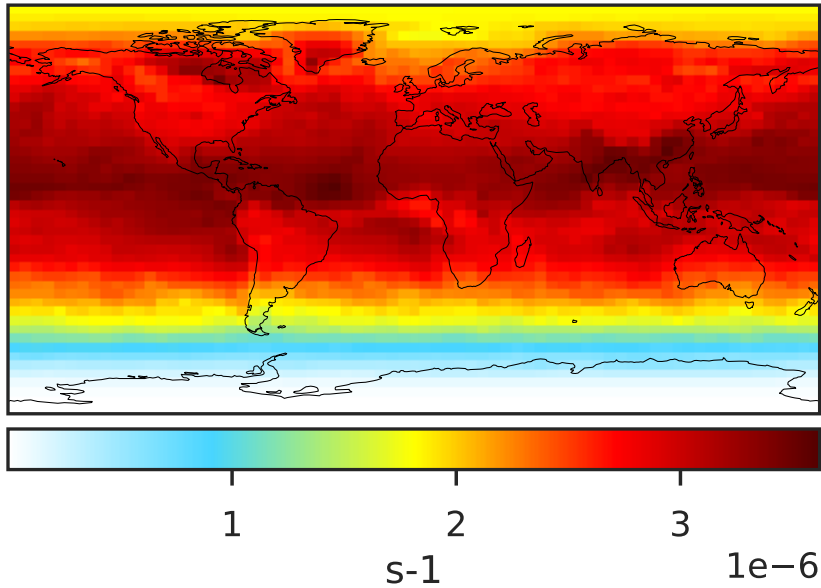


Ratio (1x1.25)  
Dev/Ref, Fixed Range

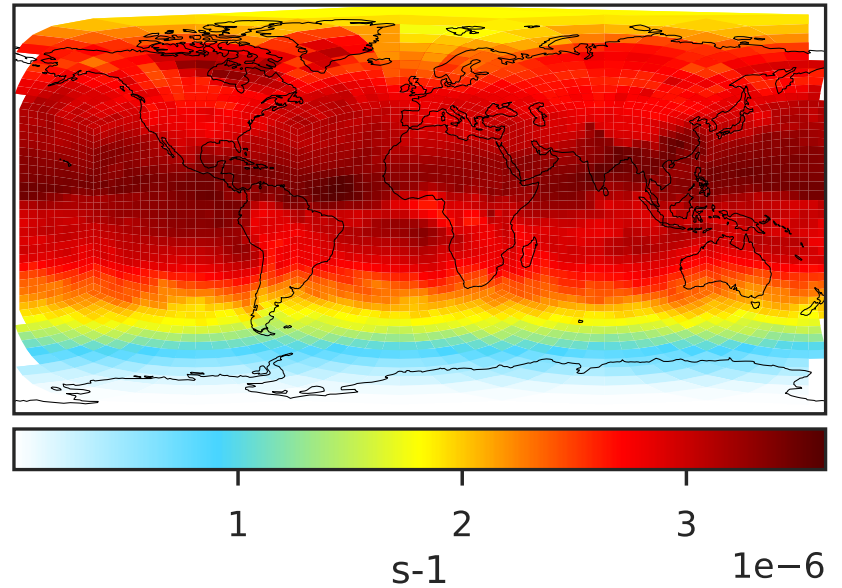


# Jval\_MAP (Apr2019)

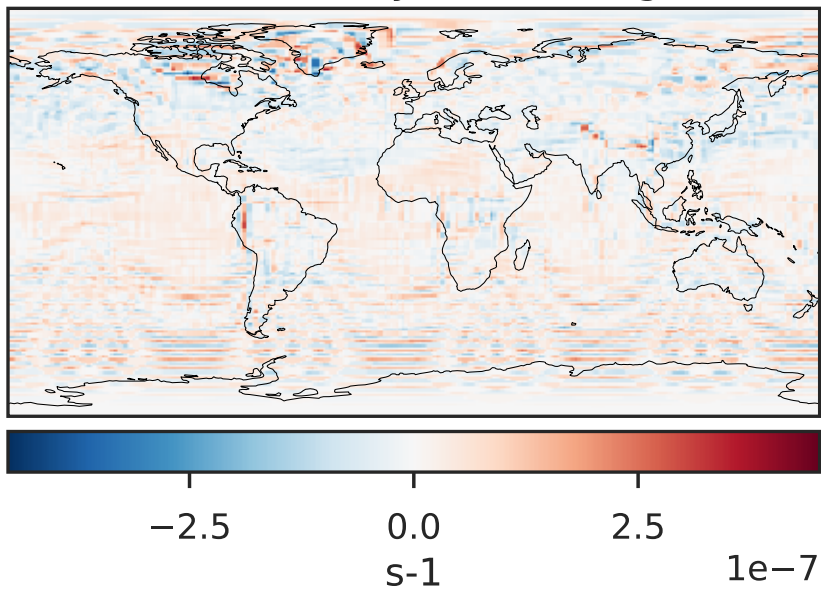
GCC\_14.2.0 (Ref)  
4.0x5.0



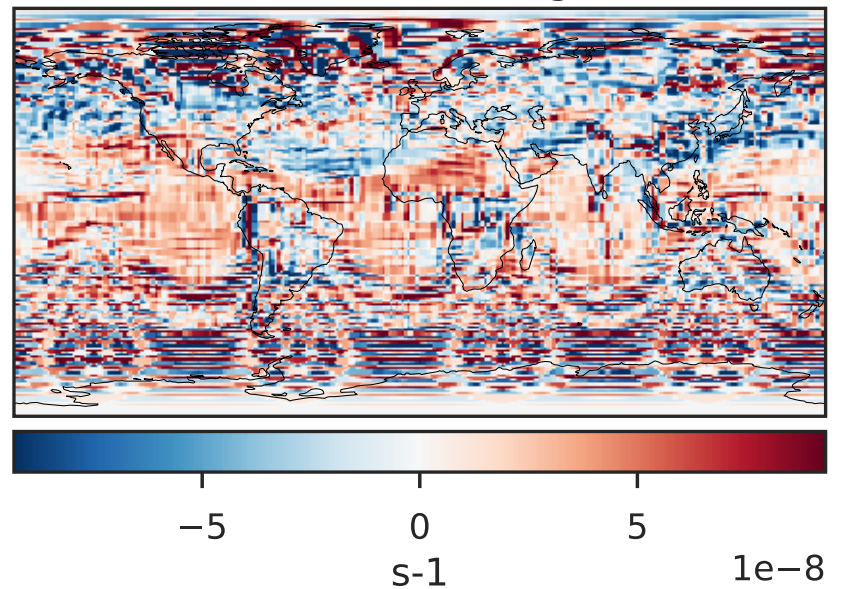
GCHP\_14.2.0 (Dev)  
c24



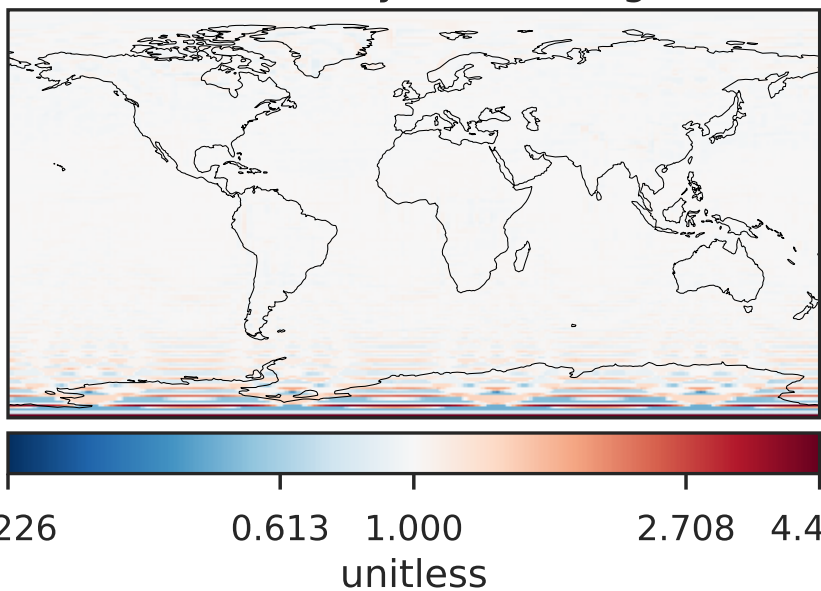
Difference (1x1.25)  
Dev - Ref, Dynamic Range



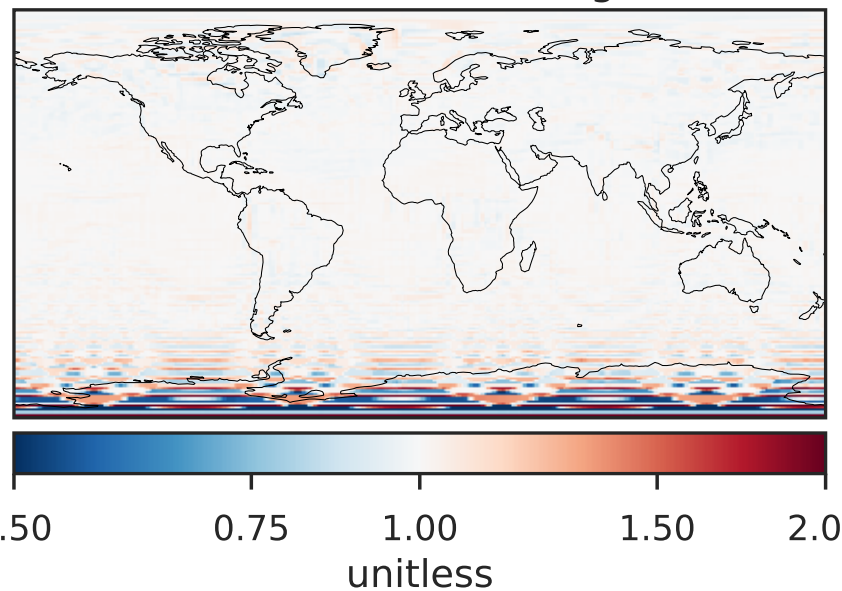
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



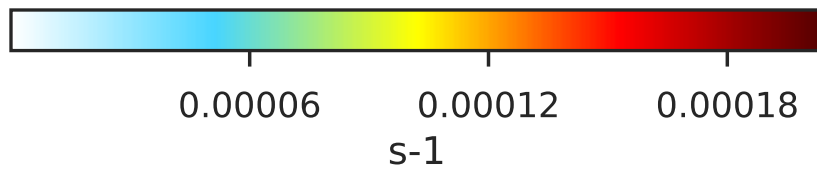
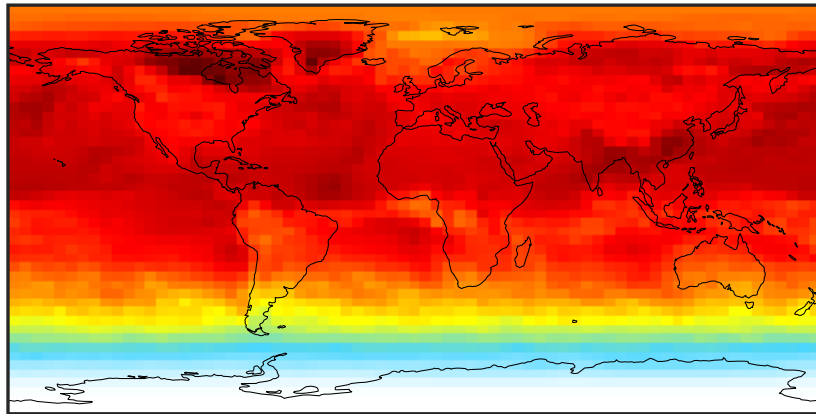
Ratio (1x1.25)  
Dev/Ref, Fixed Range



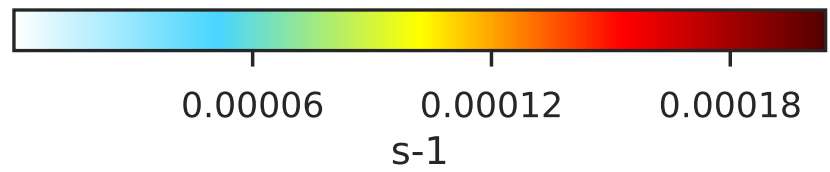
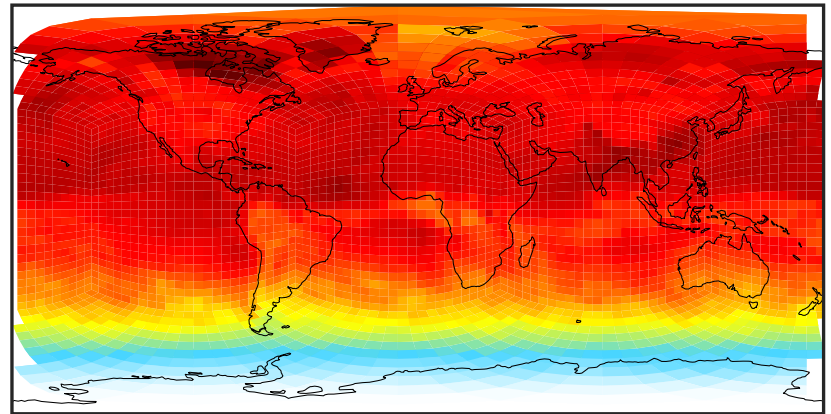


# Jval\_MCRENOL (Apr2019)

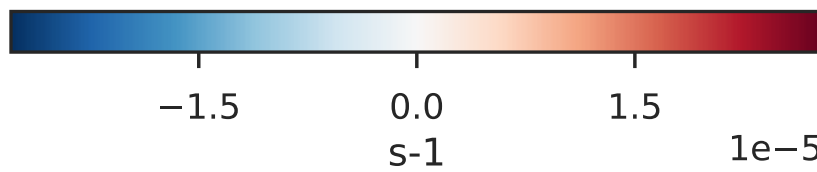
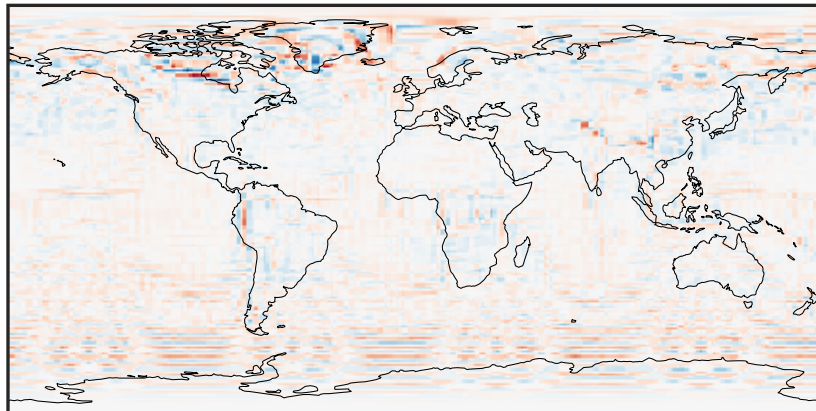
GCC\_14.2.0 (Ref)  
4.0x5.0



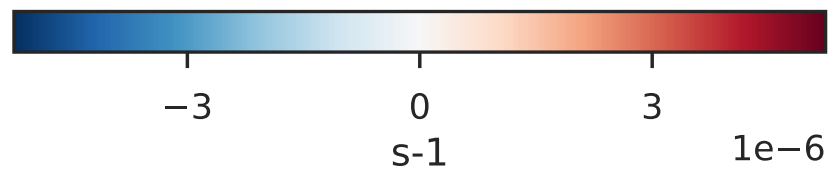
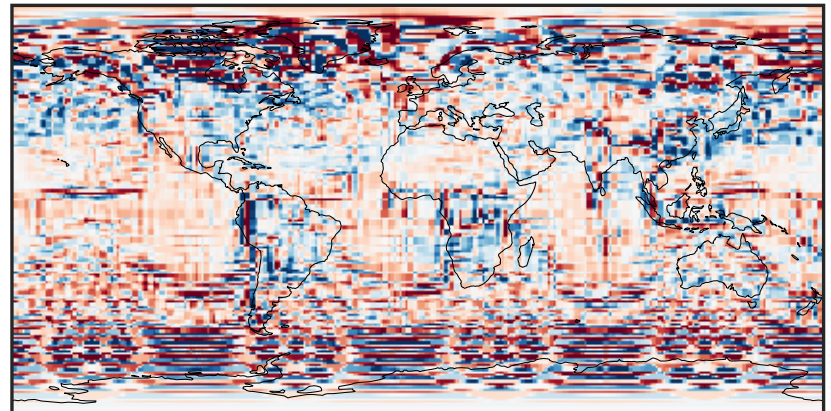
GCHP\_14.2.0 (Dev)  
c24



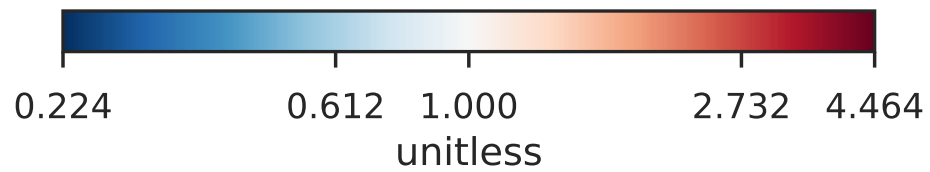
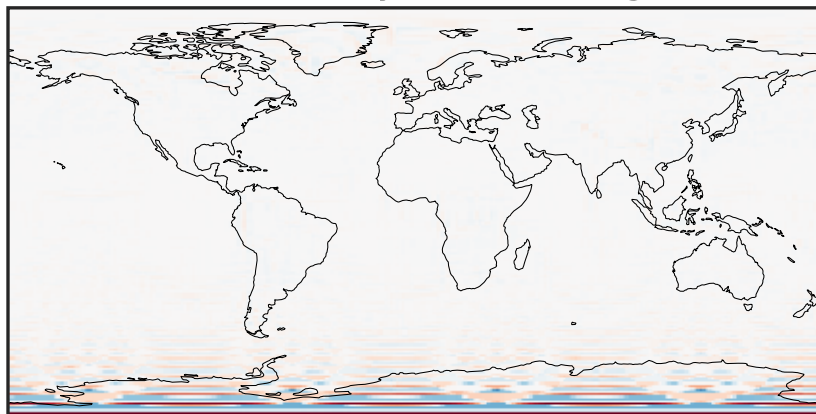
Difference (1x1.25)  
Dev - Ref, Dynamic Range



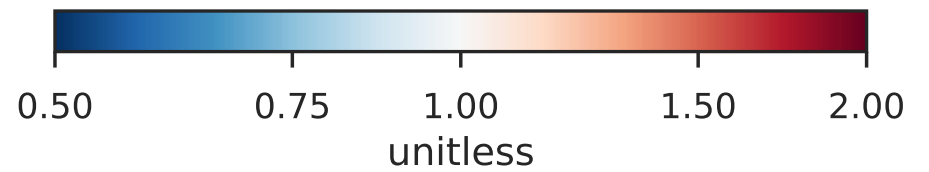
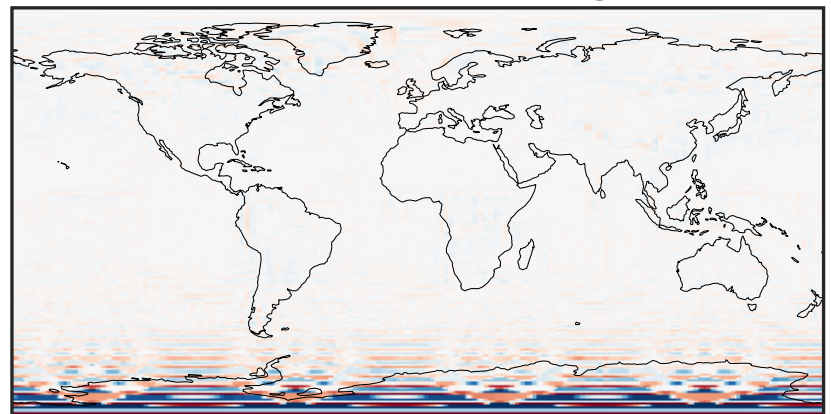
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

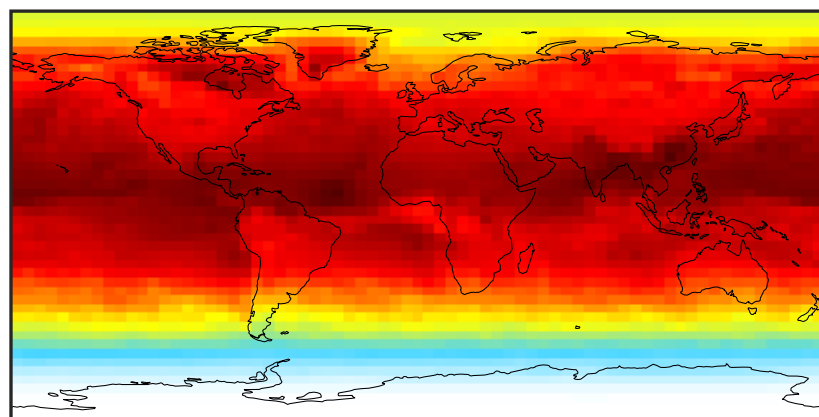


Ratio (1x1.25)  
Dev/Ref, Fixed Range



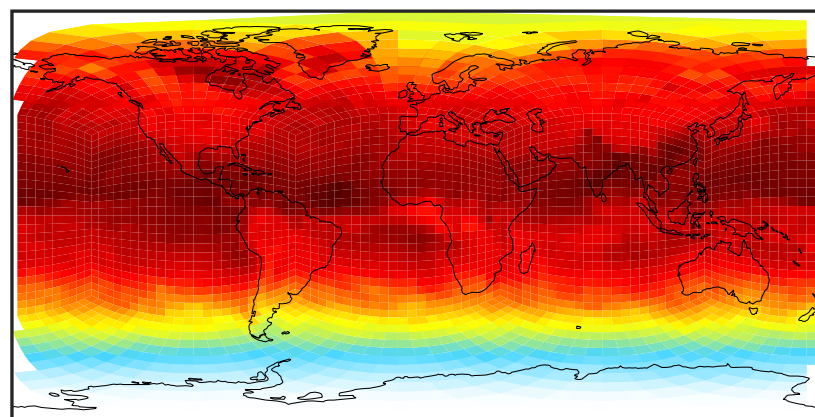
# Jval\_MCRHN (Apr2019)

GCC\_14.2.0 (Ref)  
4.0x5.0



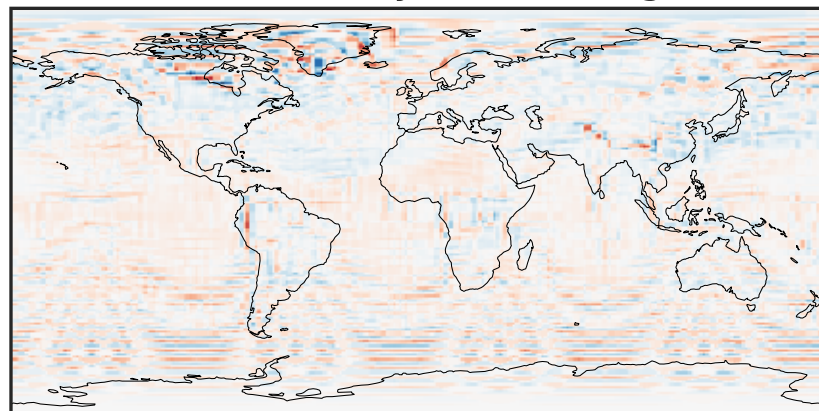
0.00006 0.00012 0.00018  
s-1

GCHP\_14.2.0 (Dev)  
c24



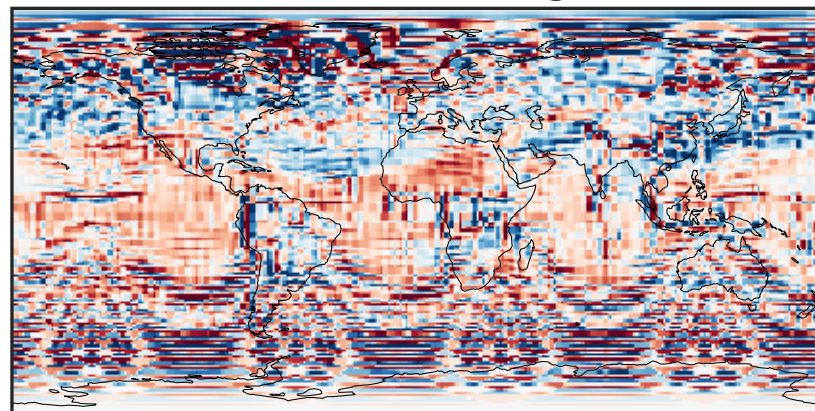
0.00006 0.00012 0.00018  
s-1

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



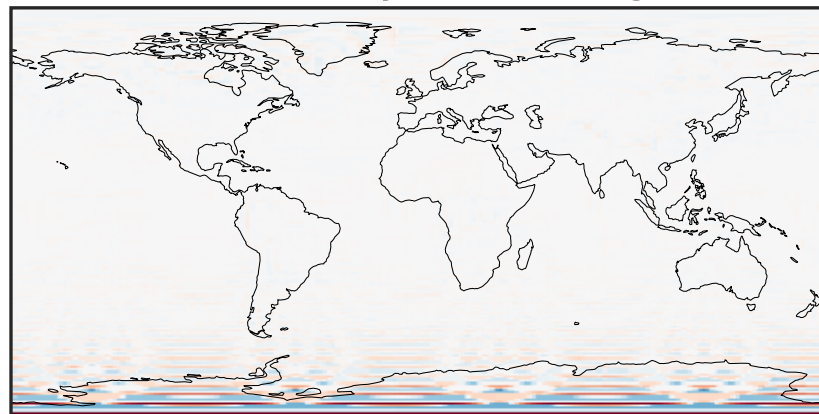
-1.5 0.0 1.5  
s-1 1e-5

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



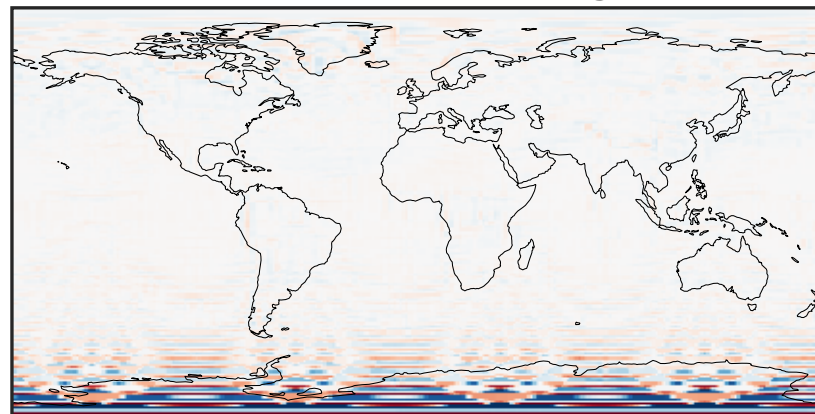
-3 0 3  
s-1 1e-6

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



0.228 0.614 1.000 2.690 4.379  
unitless

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

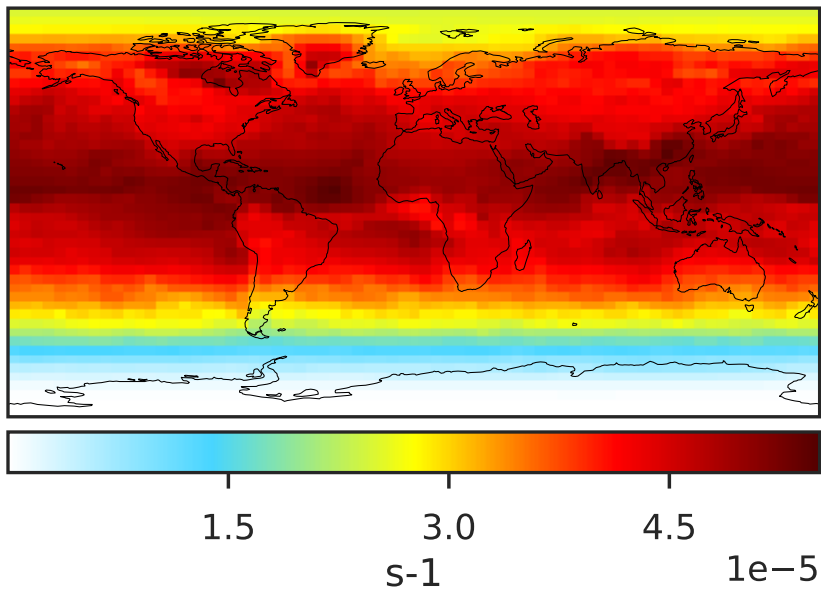


0.50 0.75 1.00 1.50 2.00  
unitless

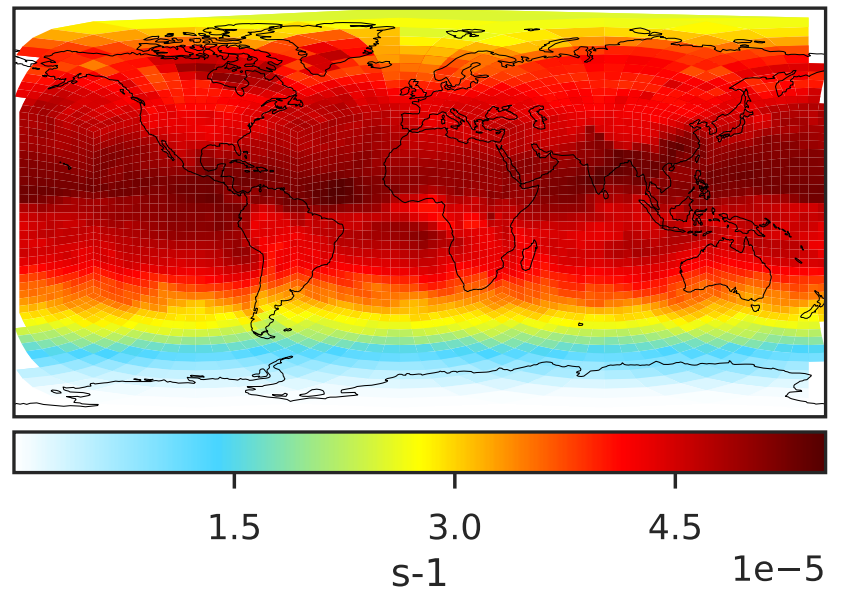


# Jval\_MCRHNB (Apr2019)

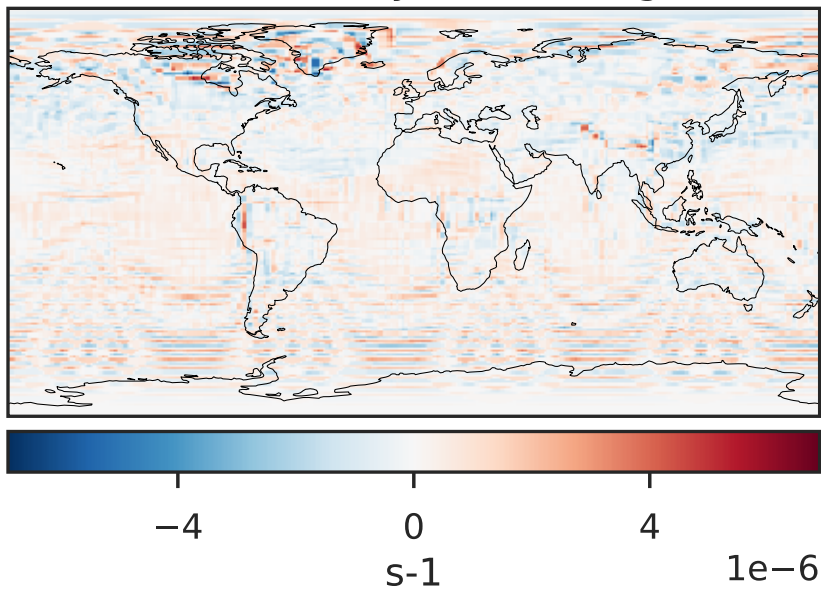
GCC\_14.2.0 (Ref)  
4.0x5.0



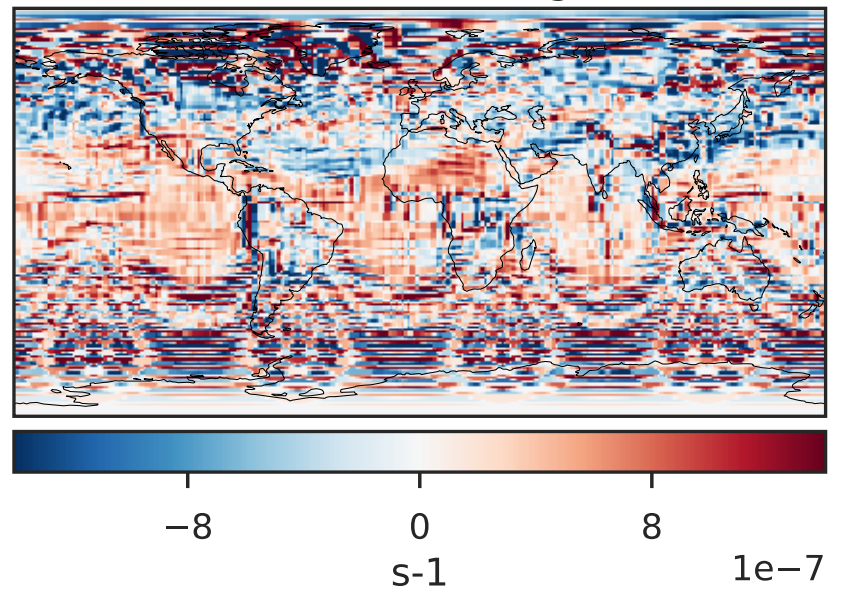
GCHP\_14.2.0 (Dev)  
c24



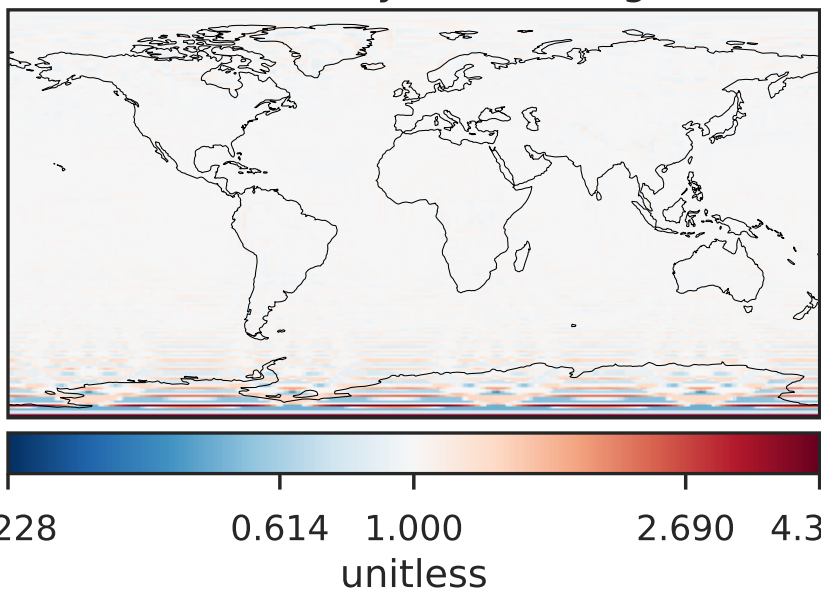
Difference (1x1.25)  
Dev - Ref, Dynamic Range



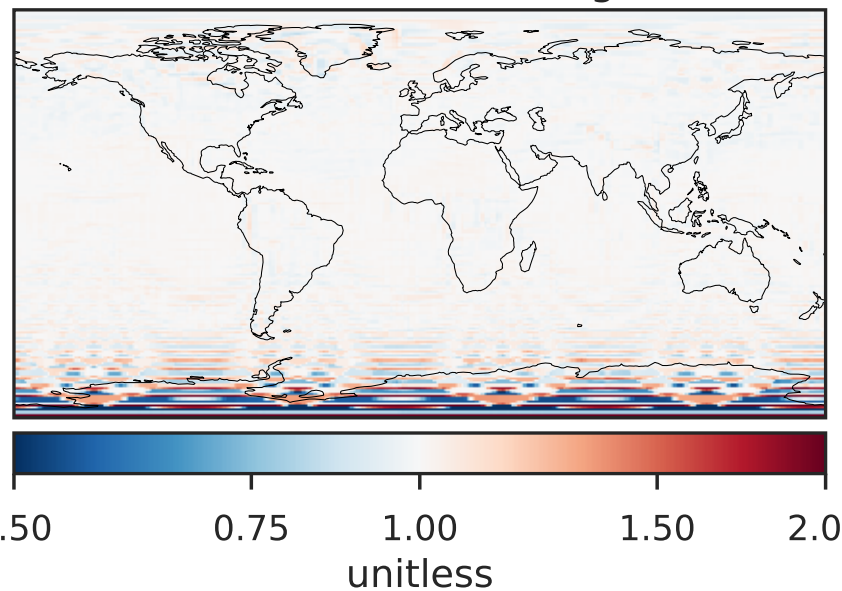
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

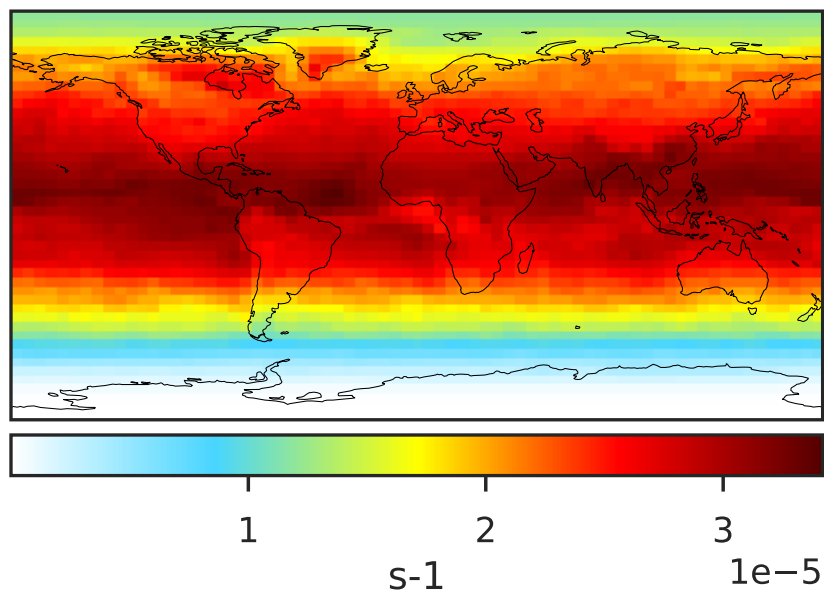


Ratio (1x1.25)  
Dev/Ref, Fixed Range

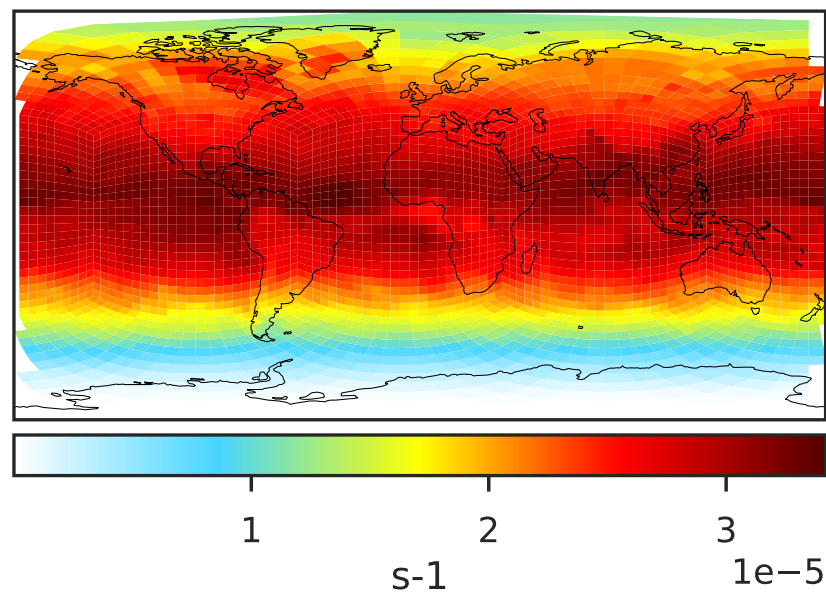


# Jval\_MCRHP (Apr2019)

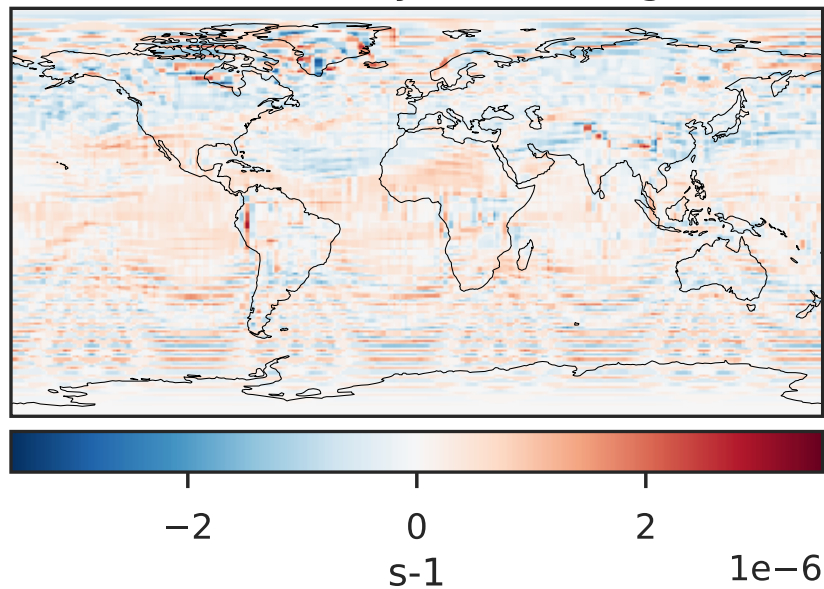
GCC\_14.2.0 (Ref)  
4.0x5.0



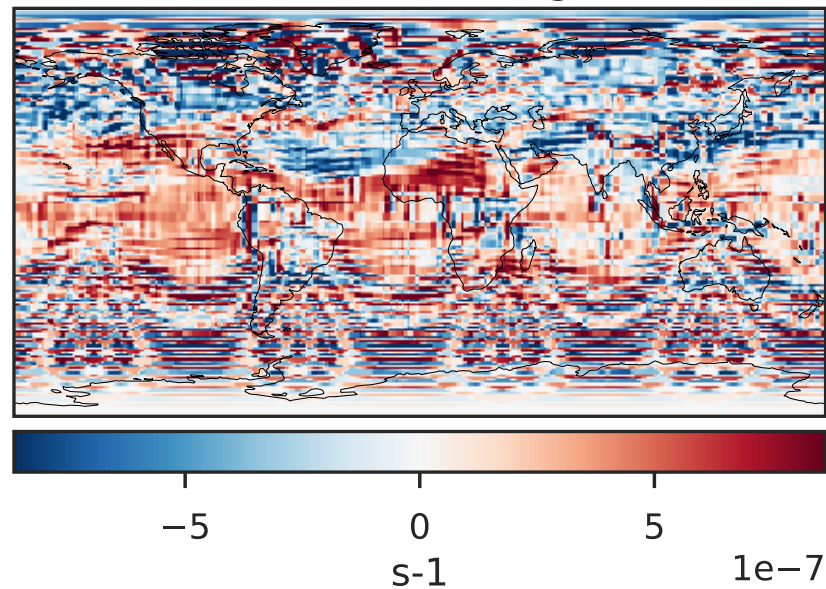
GCHP\_14.2.0 (Dev)  
c24



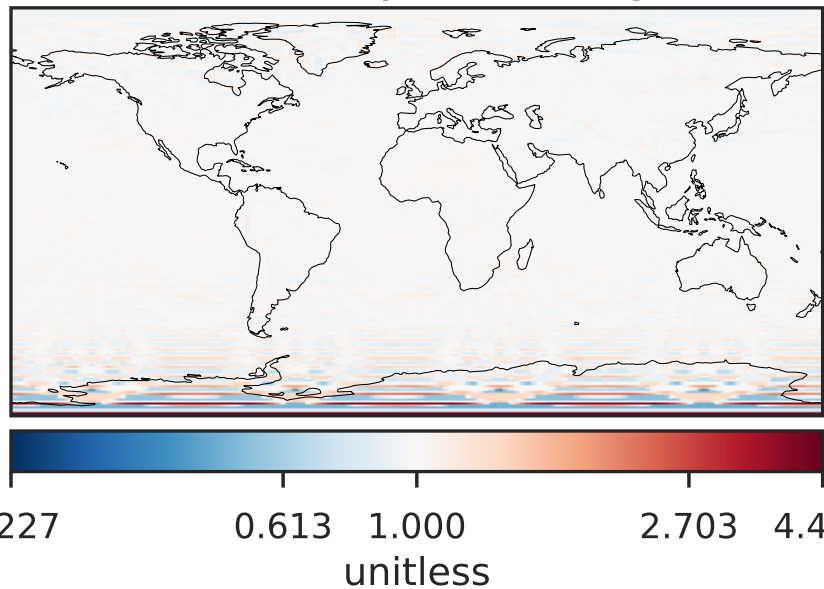
Difference (1x1.25)  
Dev - Ref, Dynamic Range



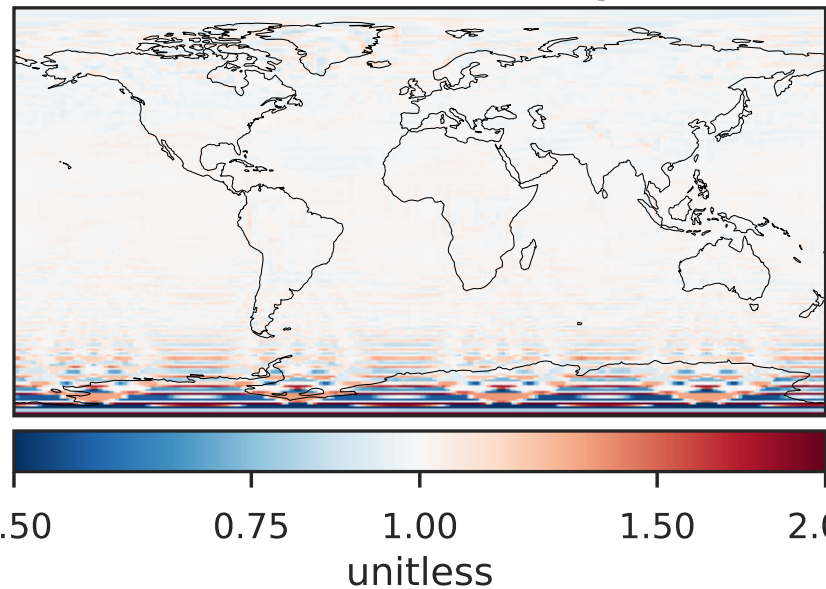
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



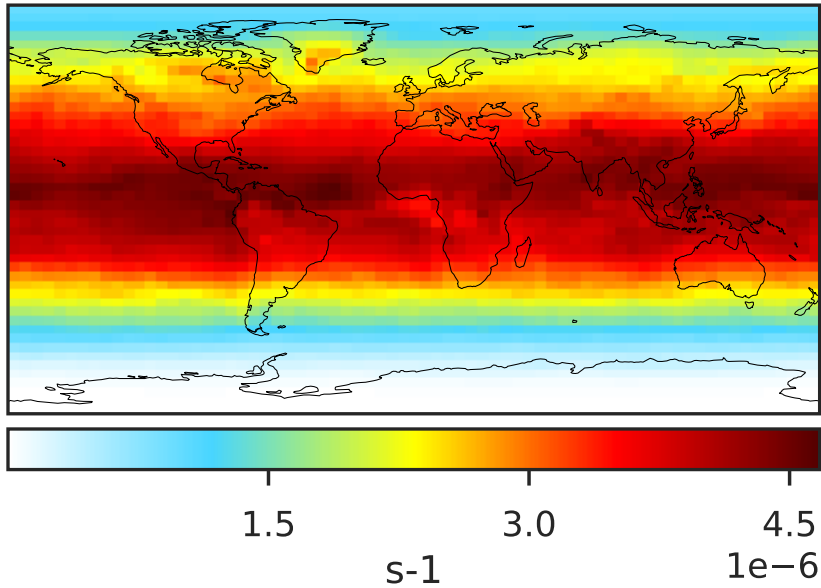
Ratio (1x1.25)  
Dev/Ref, Fixed Range



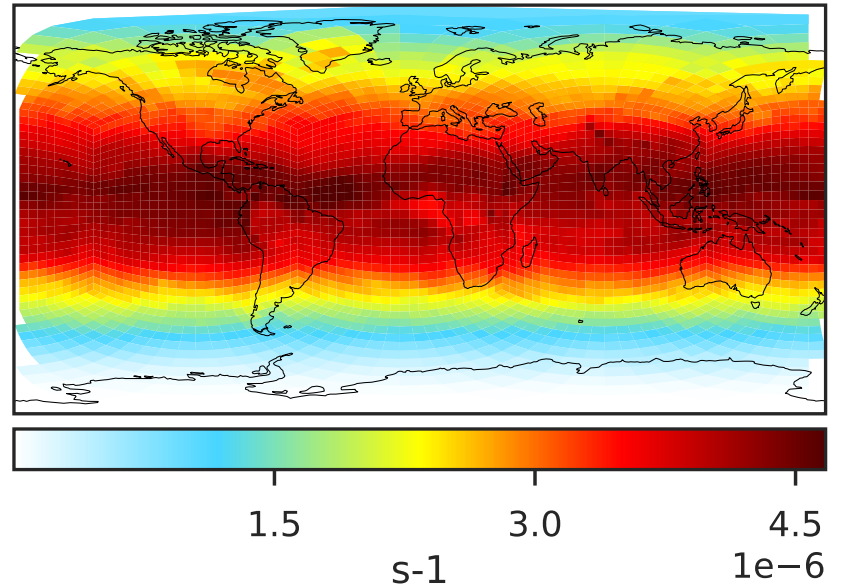


# Jval\_MEK (Apr2019)

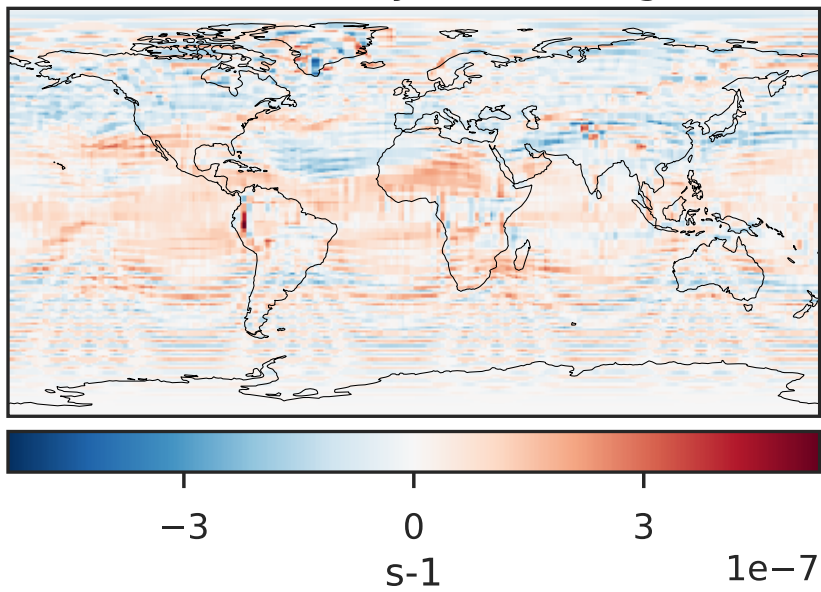
GCC\_14.2.0 (Ref)  
4.0x5.0



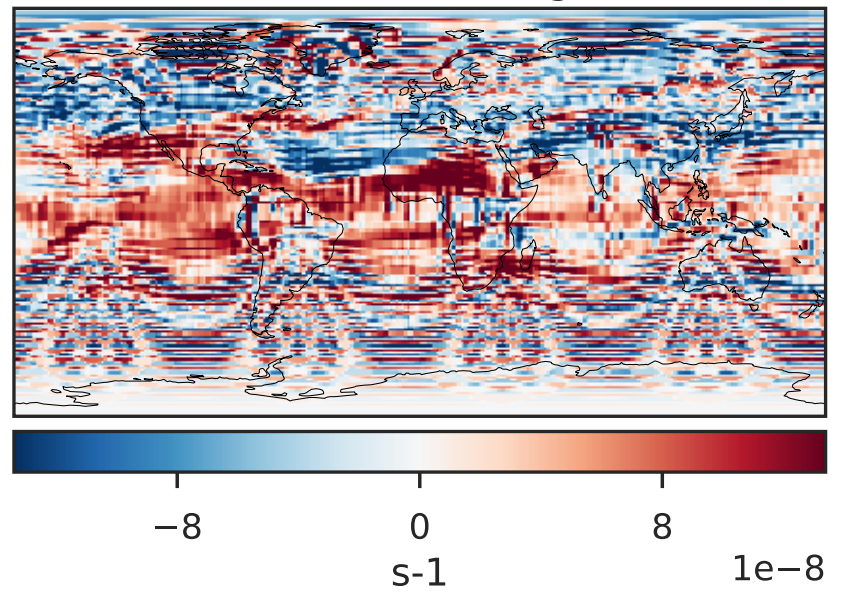
GCHP\_14.2.0 (Dev)  
c24



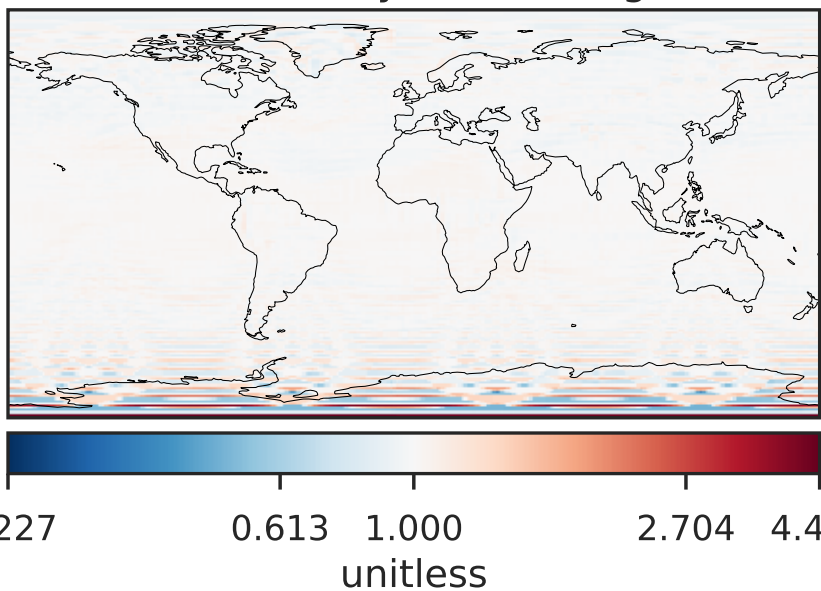
Difference (1x1.25)  
Dev - Ref, Dynamic Range



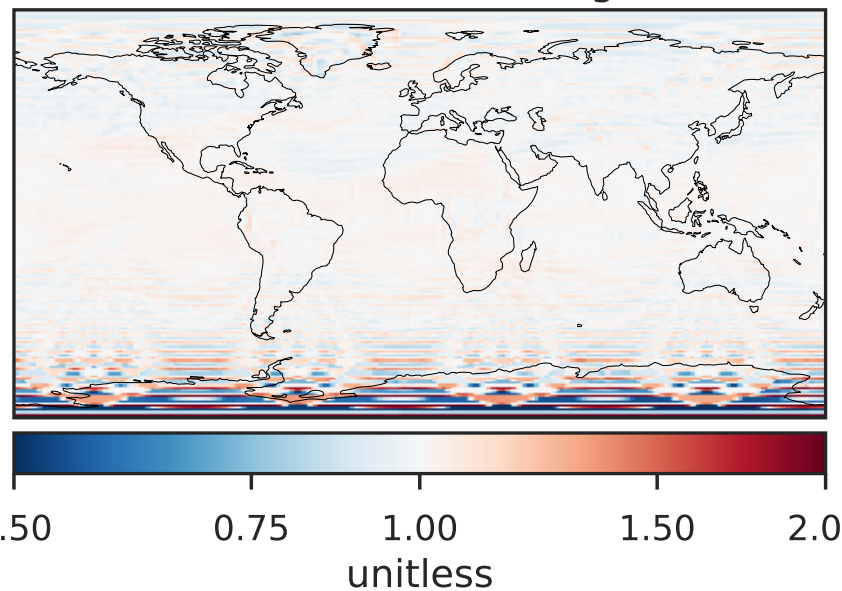
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

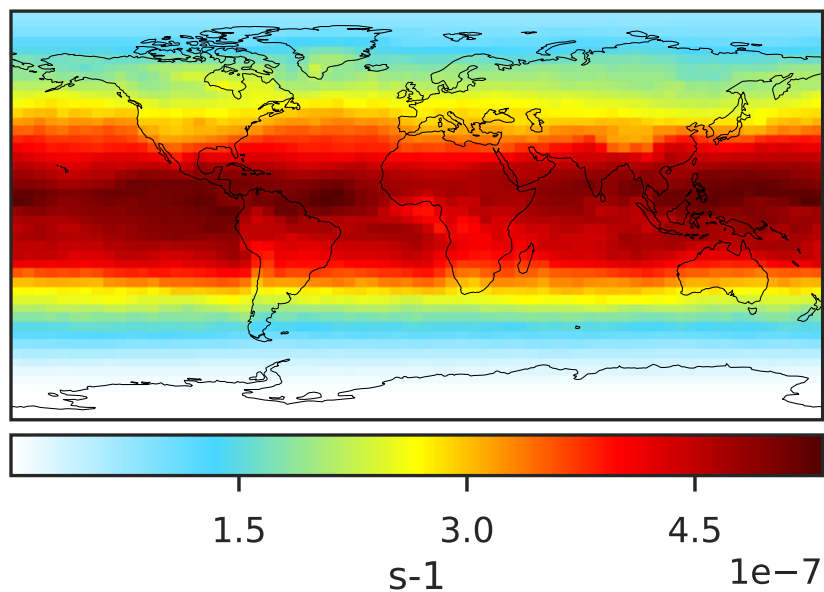


Ratio (1x1.25)  
Dev/Ref, Fixed Range

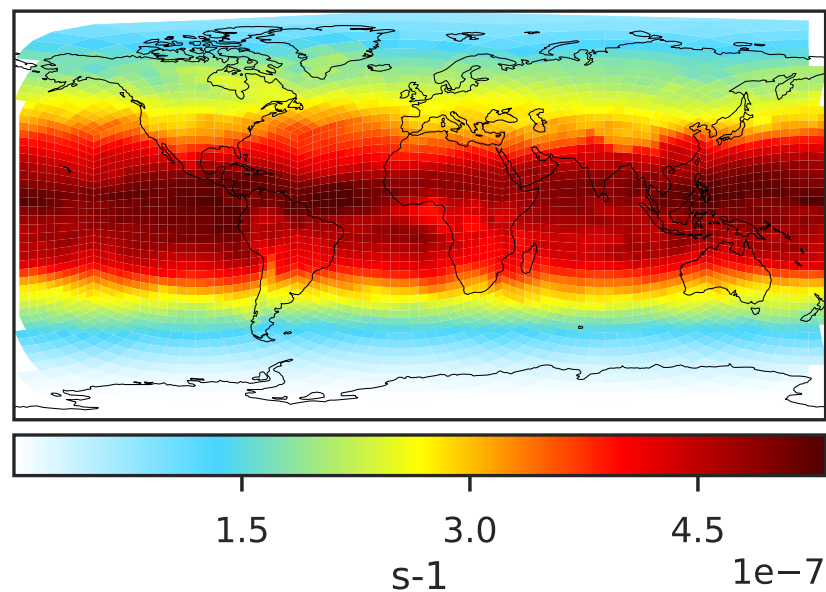


# Jval\_MENO3 (Apr2019)

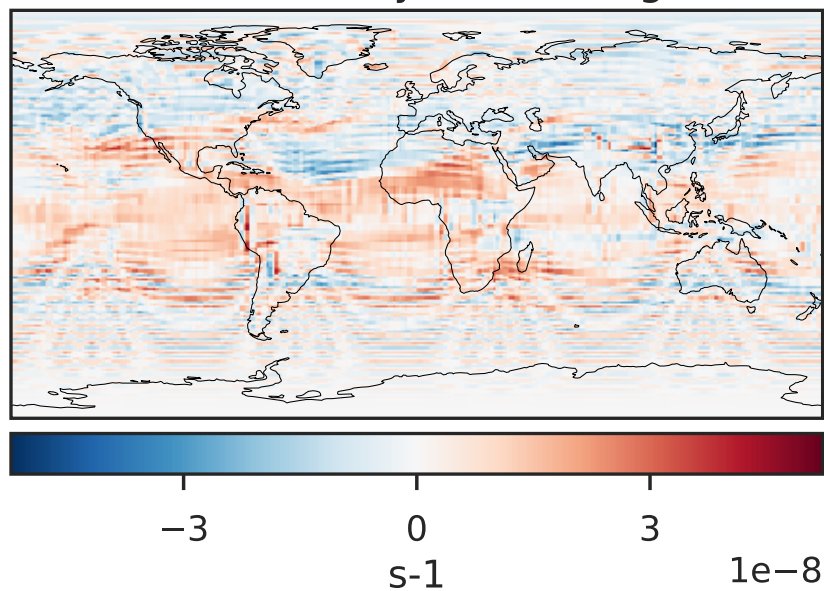
GCC\_14.2.0 (Ref)  
4.0x5.0



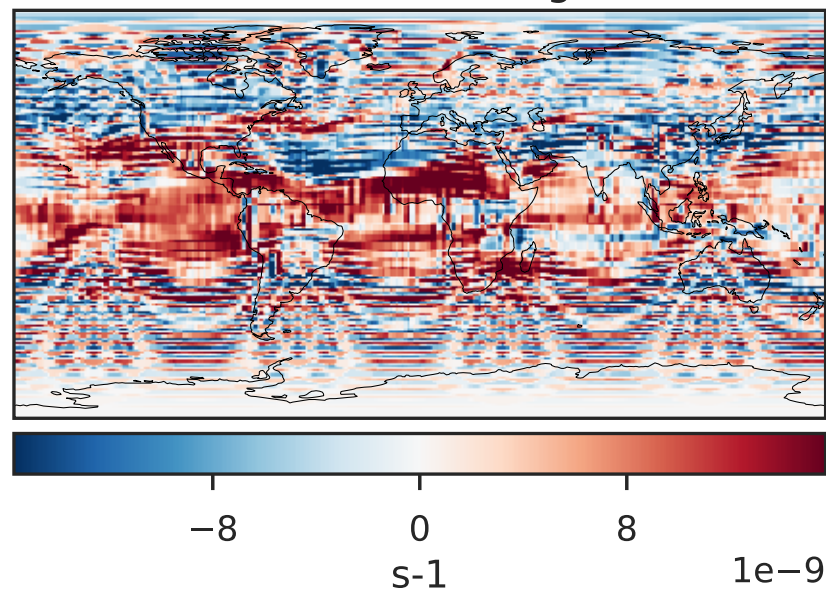
GCHP\_14.2.0 (Dev)  
c24



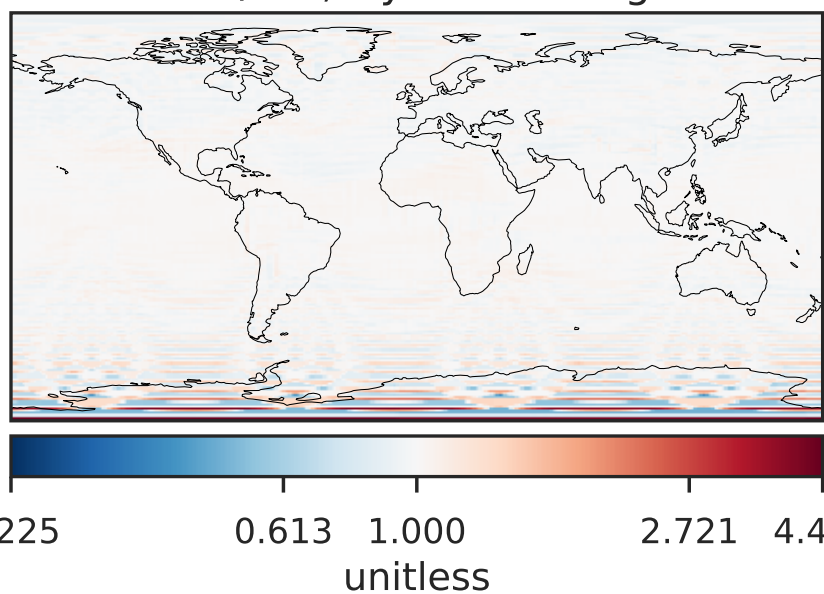
Difference (1x1.25)  
Dev - Ref, Dynamic Range



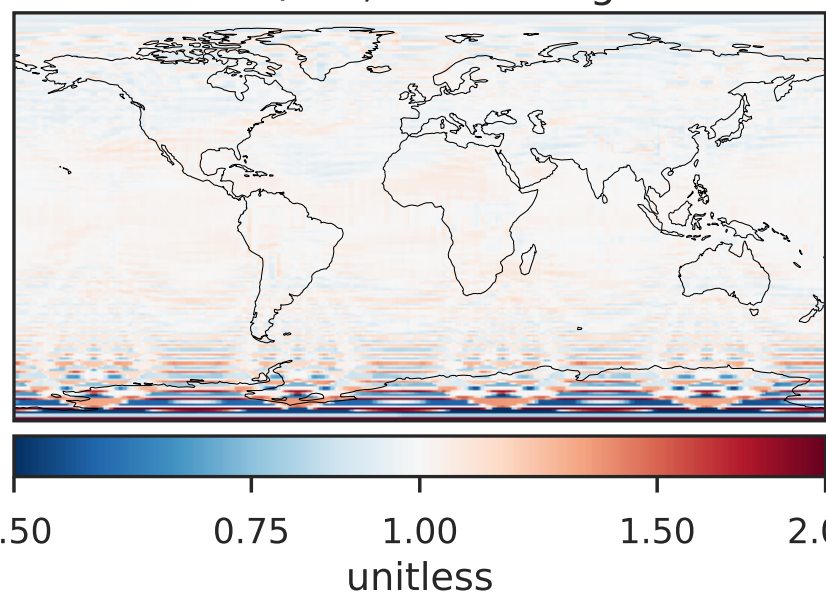
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



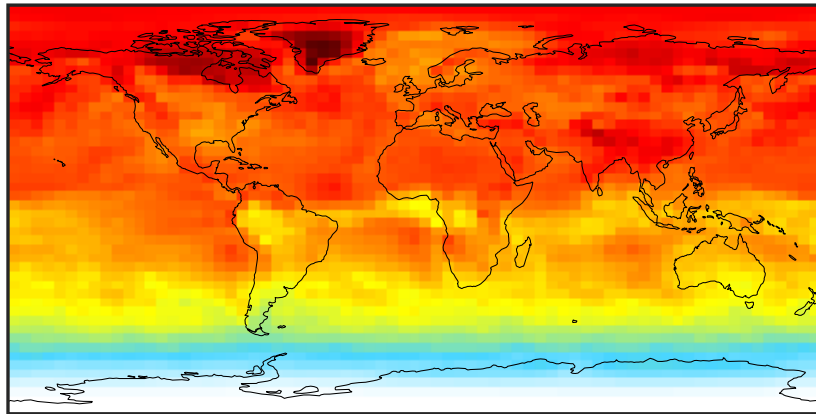
Ratio (1x1.25)  
Dev/Ref, Fixed Range





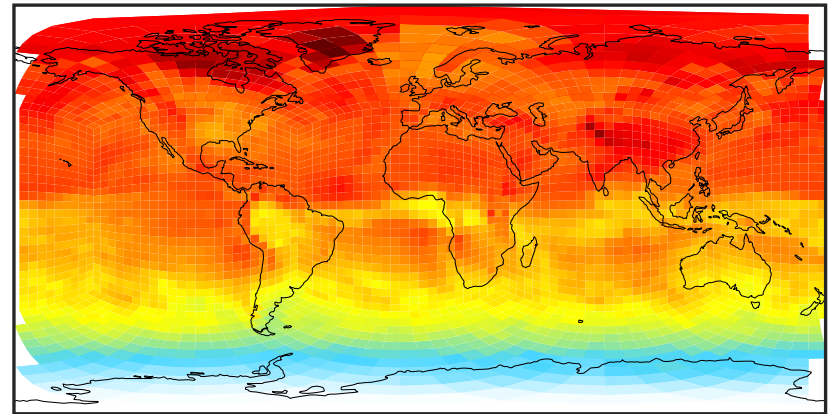
# Jval\_MGLY (Apr2019)

GCC\_14.2.0 (Ref)  
4.0x5.0



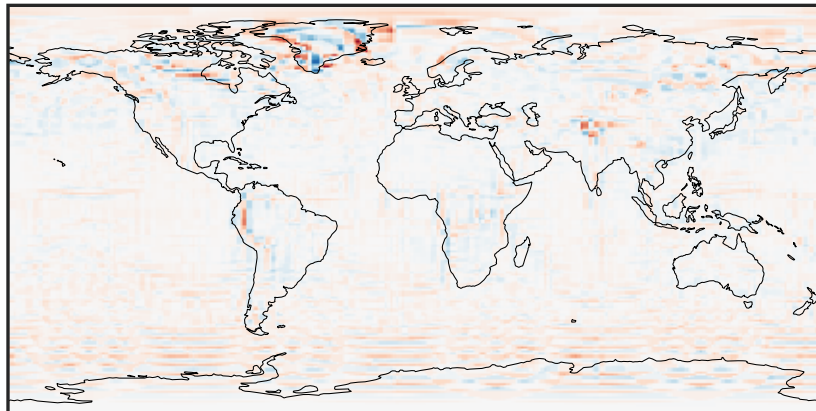
0.00006 0.00012 0.00018  
s-1

GCHP\_14.2.0 (Dev)  
c24



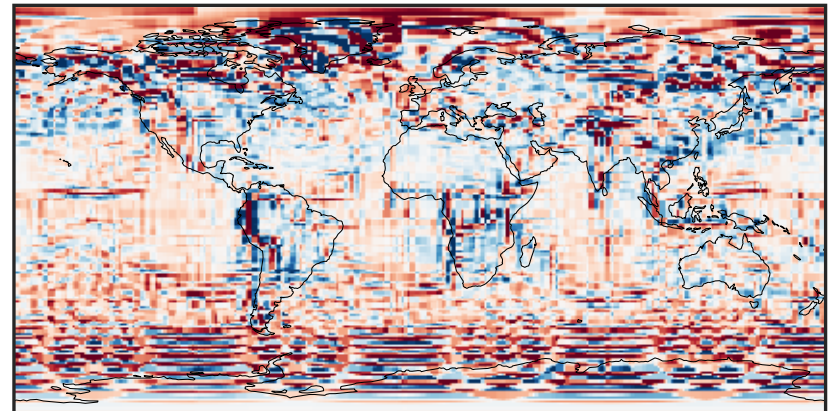
0.00006 0.00012 0.00018  
s-1

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



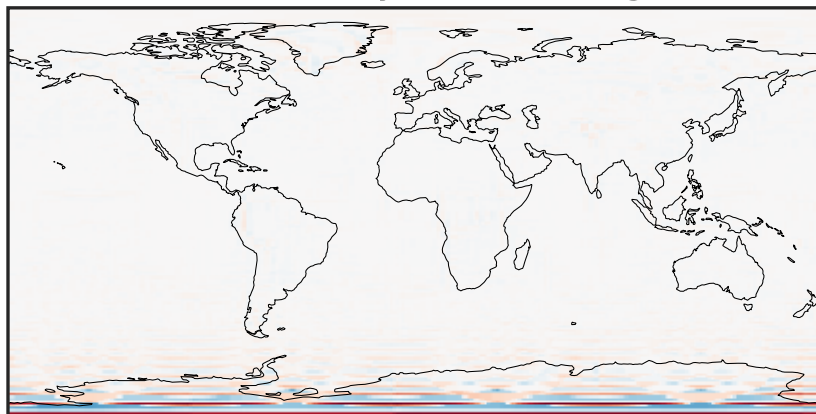
-2.5 0.0 2.5  
s-1 1e-5

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



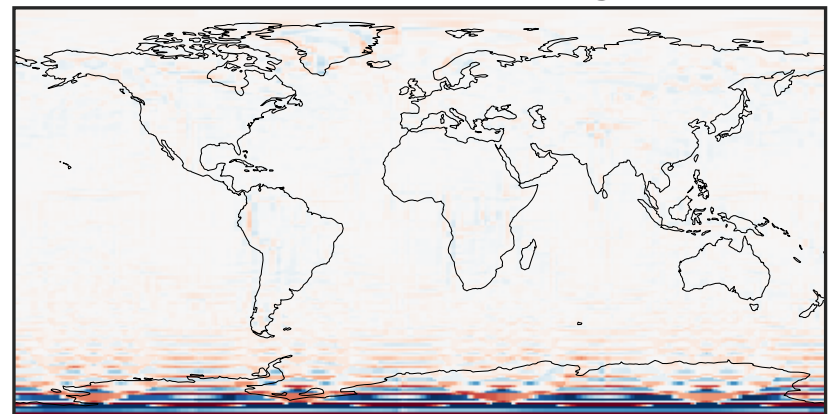
-4 0 4  
s-1 1e-6

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



0.159 0.579 1.000 3.654 6.308  
unitless

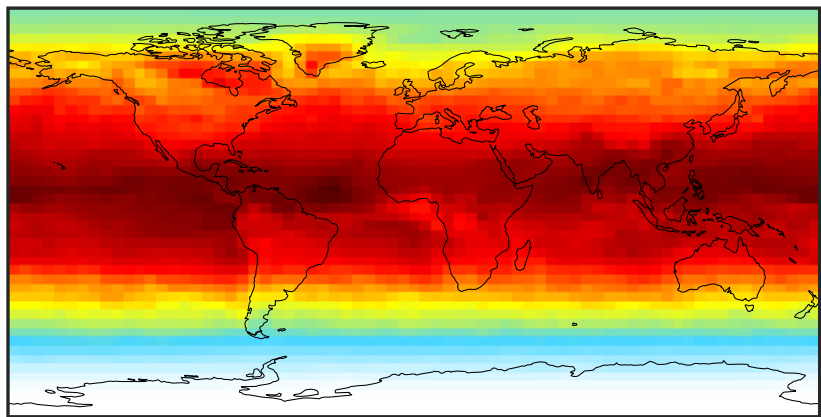
Ratio (1x1.25)  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

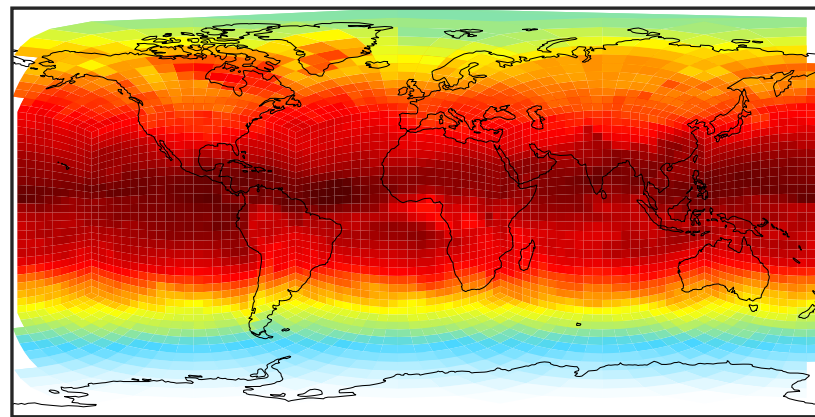
# Jval\_MONITS (Apr2019)

GCC\_14.2.0 (Ref)  
4.0x5.0



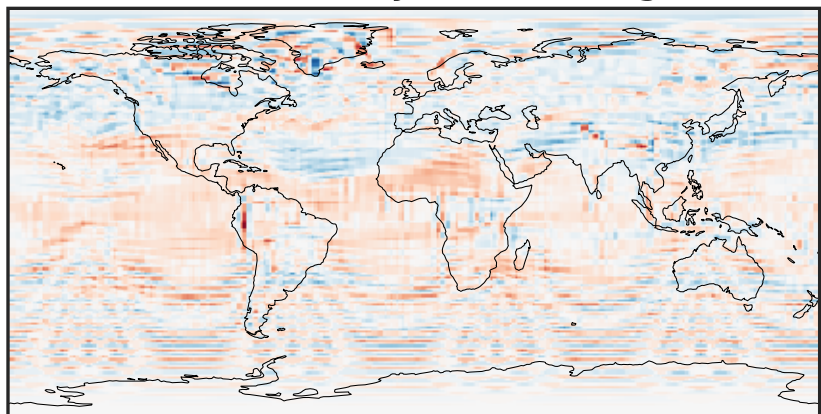
0.4 0.8 1.2  
s-1  $1e-6$

GCHP\_14.2.0 (Dev)  
c24



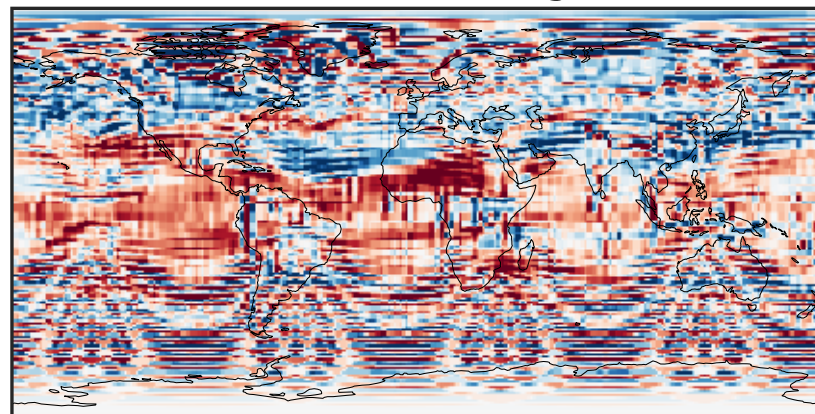
0.4 0.8 1.2  
s-1  $1e-6$

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



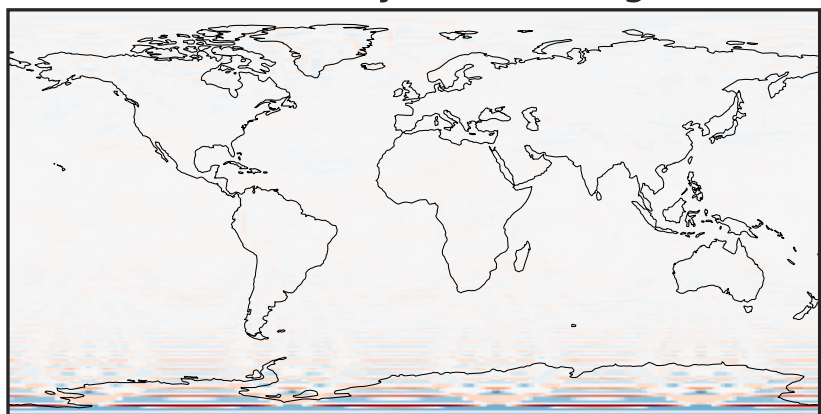
-8 0 8  
s-1  $1e-8$

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



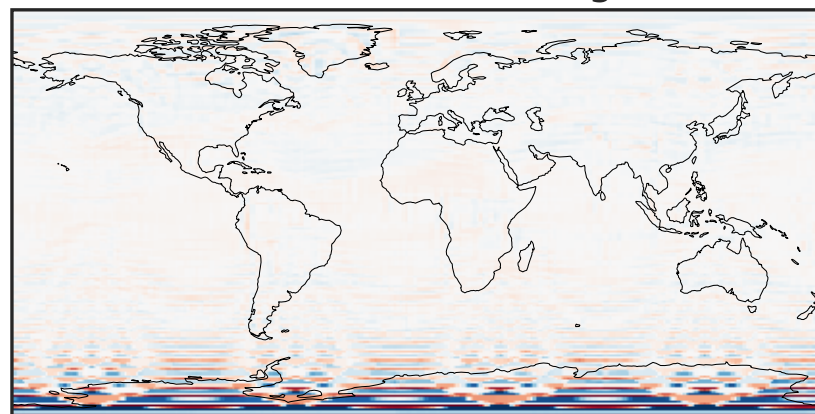
-2.5 0.0 2.5  
s-1  $1e-8$

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



0.228 0.614 1.000 2.696 4.392  
unitless

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

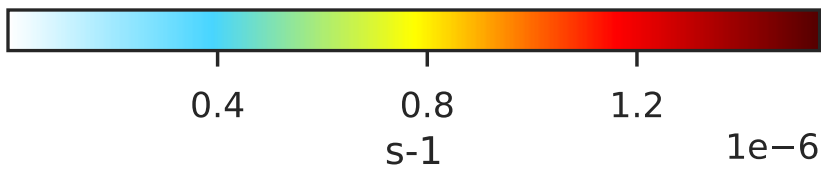
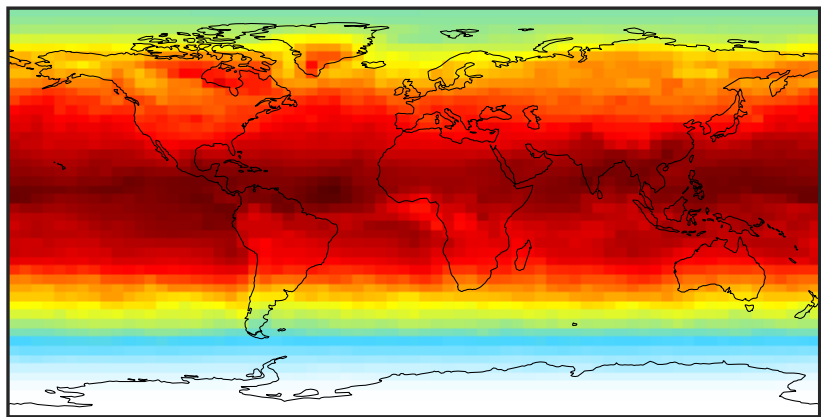


0.50 0.75 1.00 1.50 2.00  
unitless

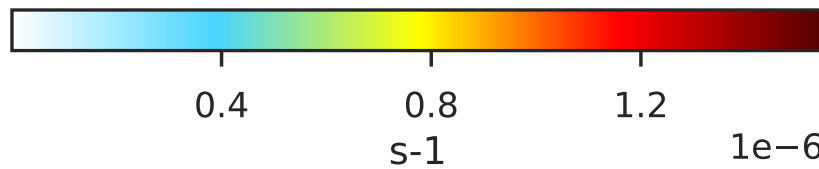
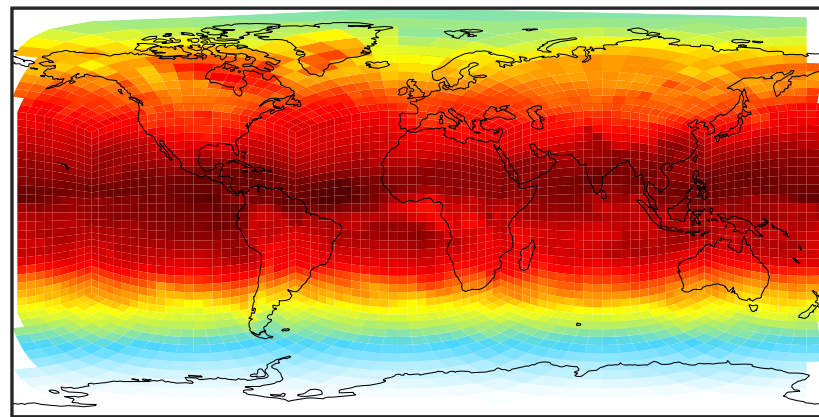


# Jval\_MONITU (Apr2019)

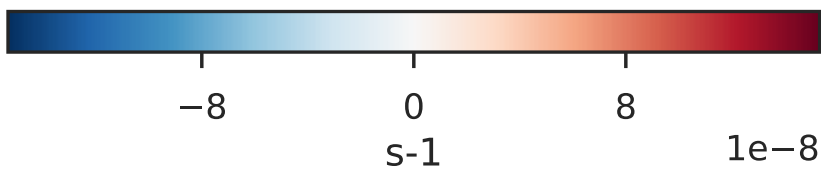
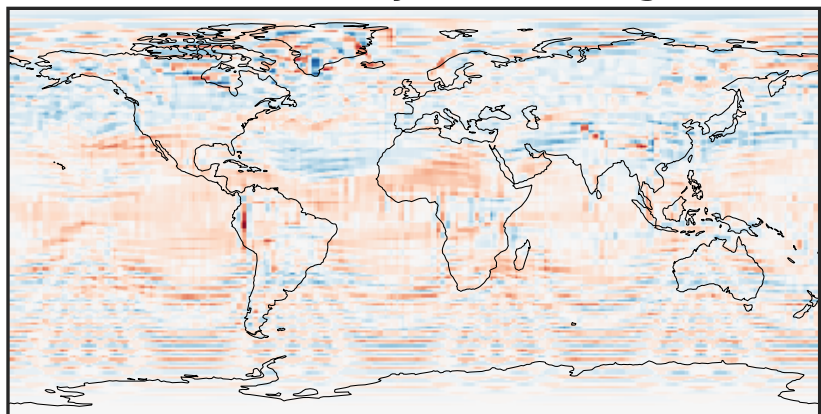
GCC\_14.2.0 (Ref)  
4.0x5.0



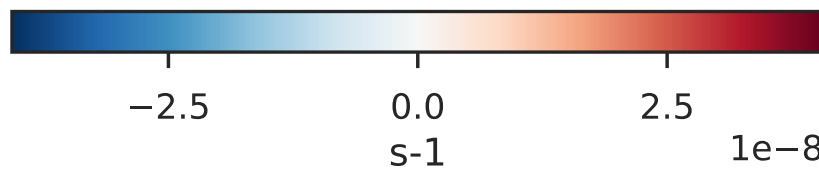
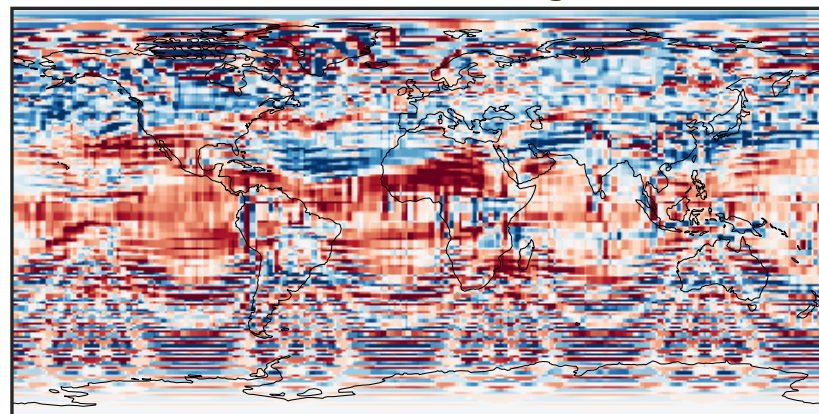
GCHP\_14.2.0 (Dev)  
c24



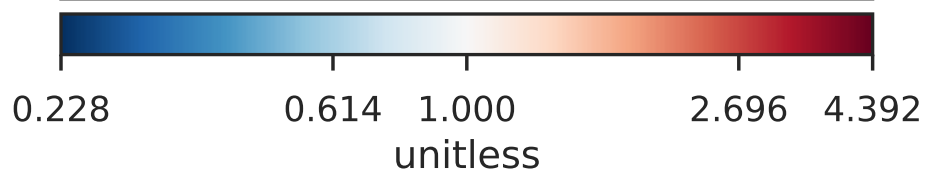
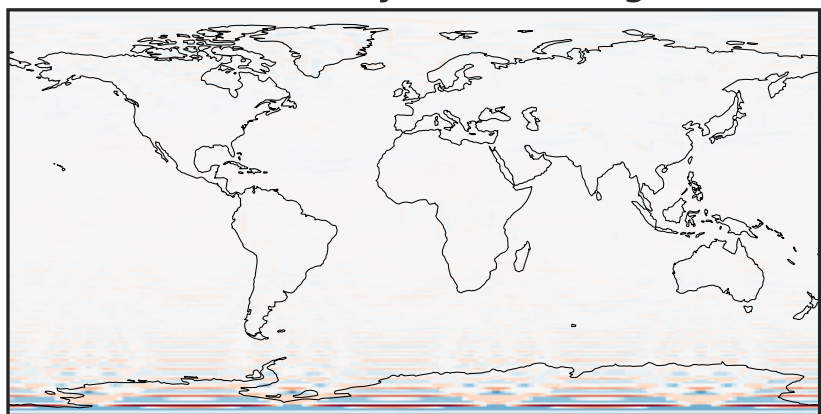
Difference (1x1.25)  
Dev - Ref, Dynamic Range



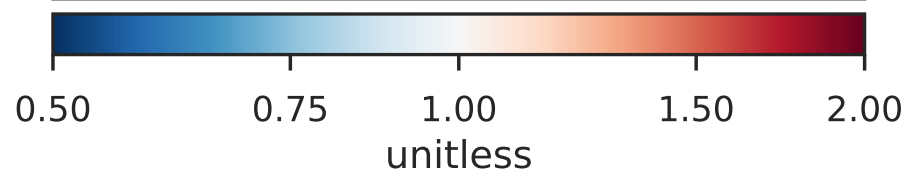
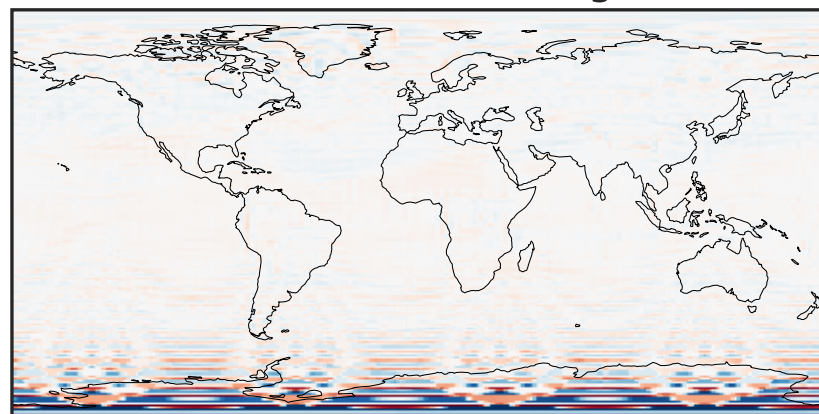
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

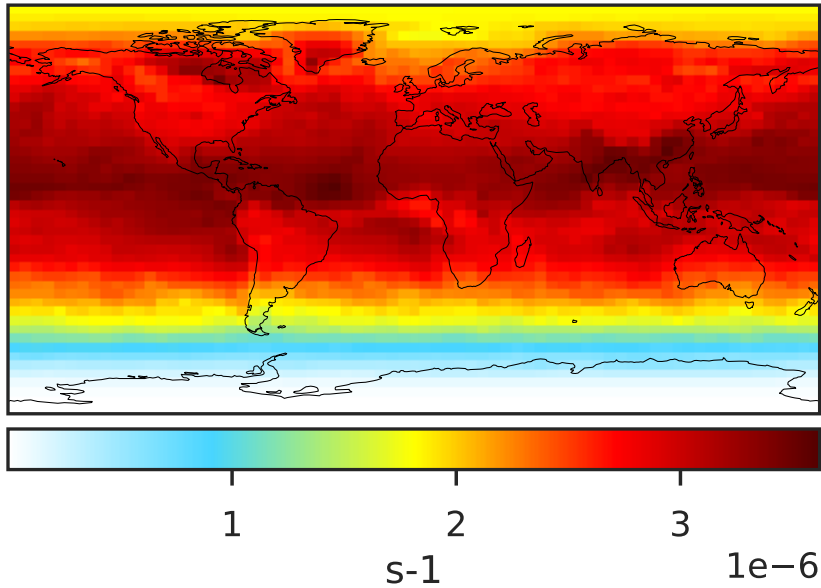


Ratio (1x1.25)  
Dev/Ref, Fixed Range

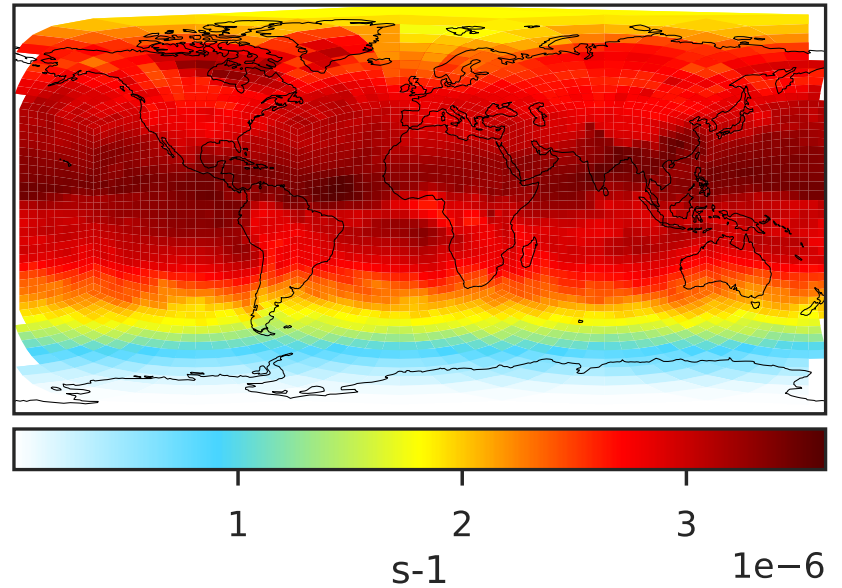


# Jval\_MP (Apr2019)

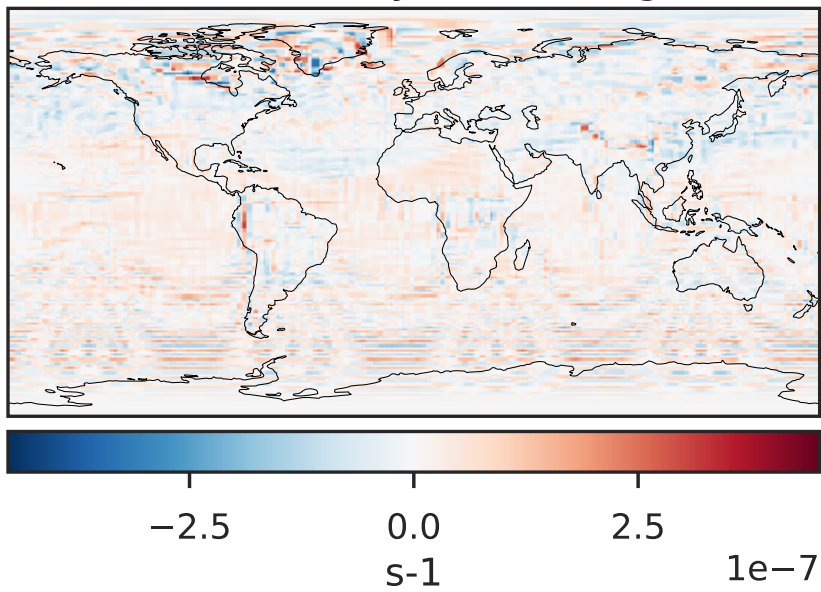
GCC\_14.2.0 (Ref)  
4.0x5.0



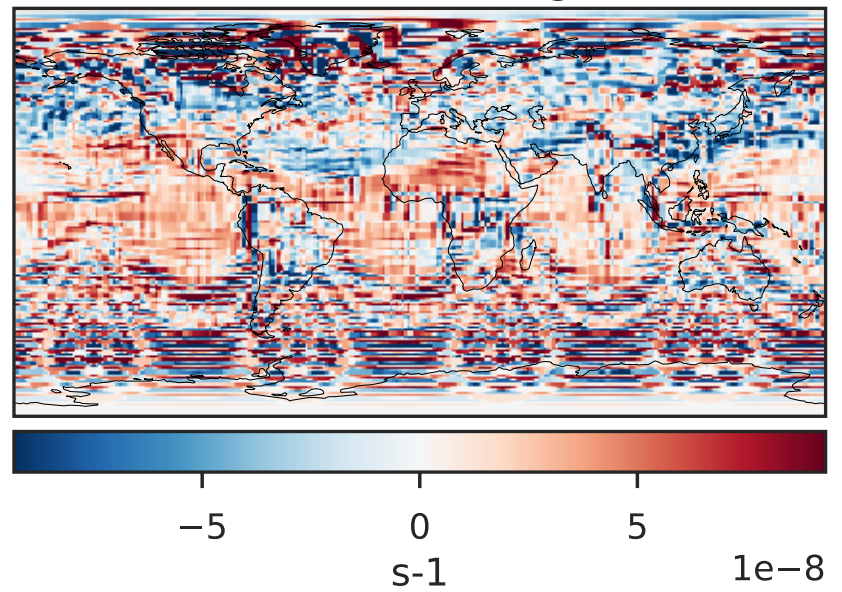
GCHP\_14.2.0 (Dev)  
c24



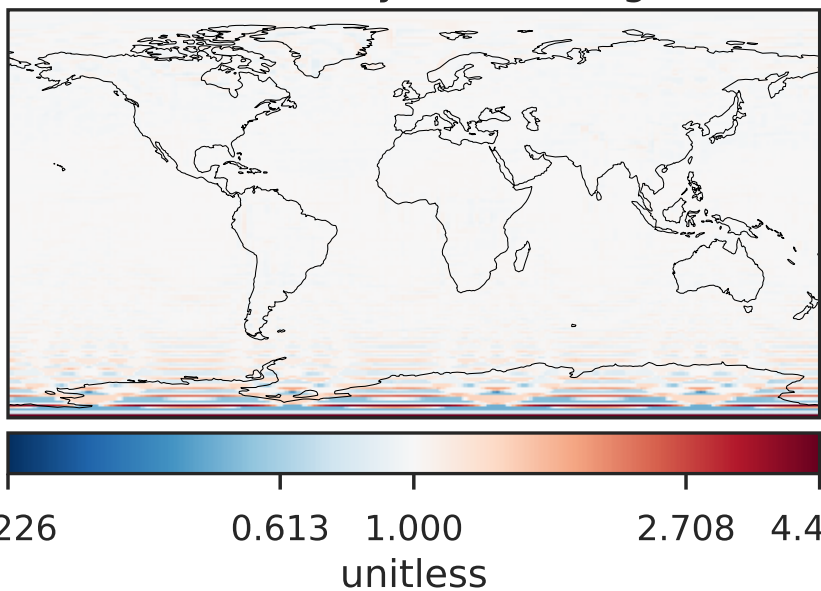
Difference (1x1.25)  
Dev - Ref, Dynamic Range



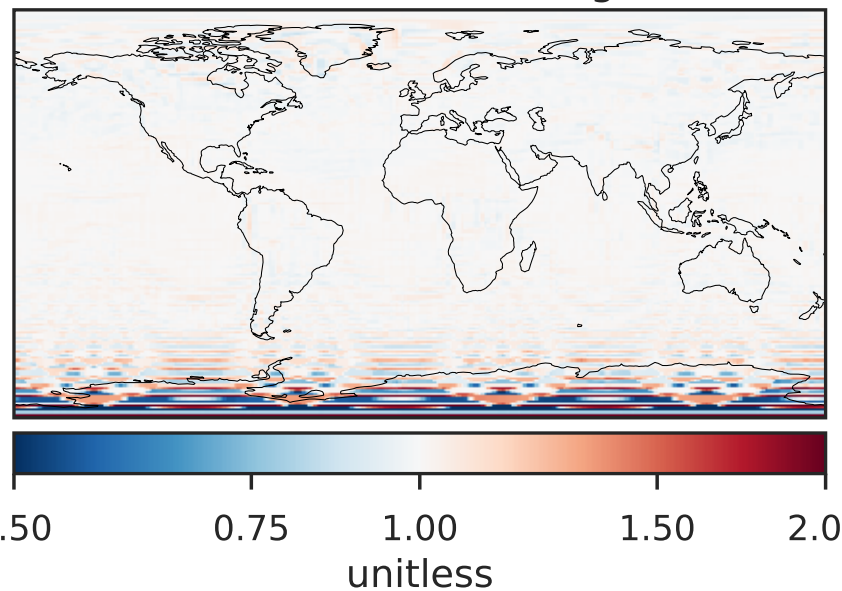
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



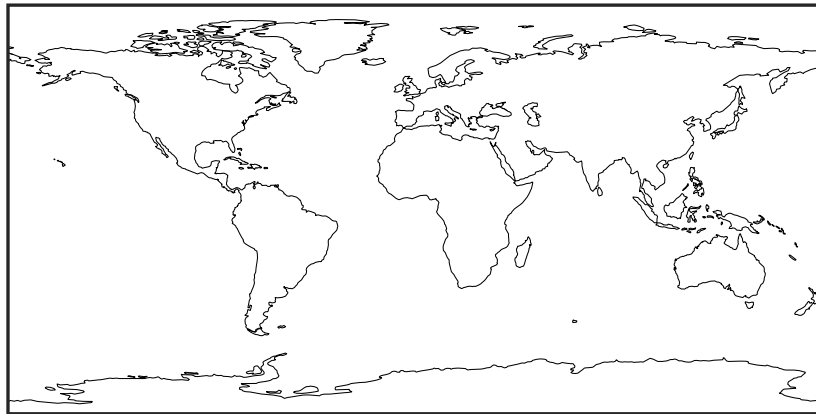
Ratio (1x1.25)  
Dev/Ref, Fixed Range





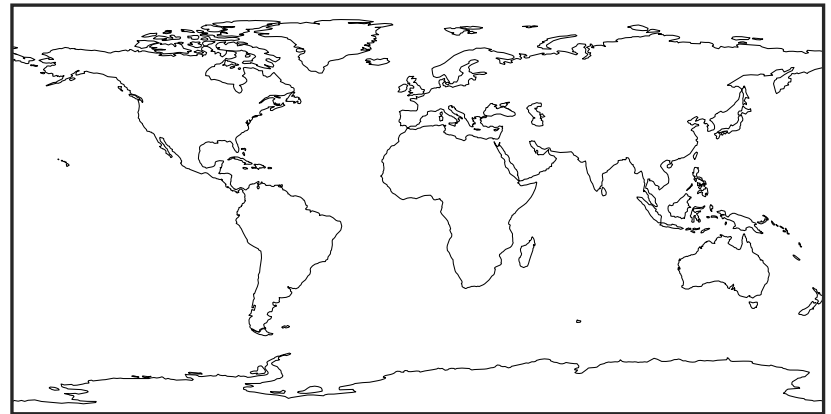
# Jval\_MPAN (Apr2019)

GCC\_14.2.0 (Ref)  
4.0x5.0



Zero throughput domain  
s-1

GCHP\_14.2.0 (Dev)  
c24



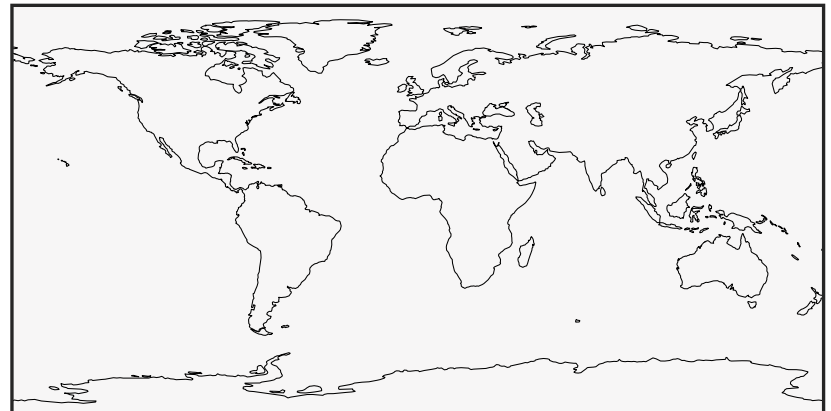
Zero throughput domain  
s-1

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

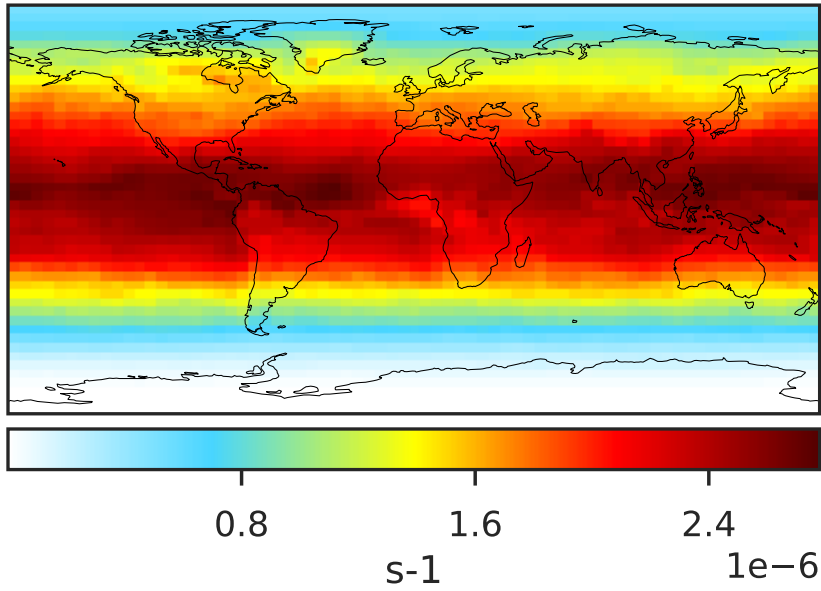
Ratio (1x1.25)  
Dev/Ref, Fixed Range



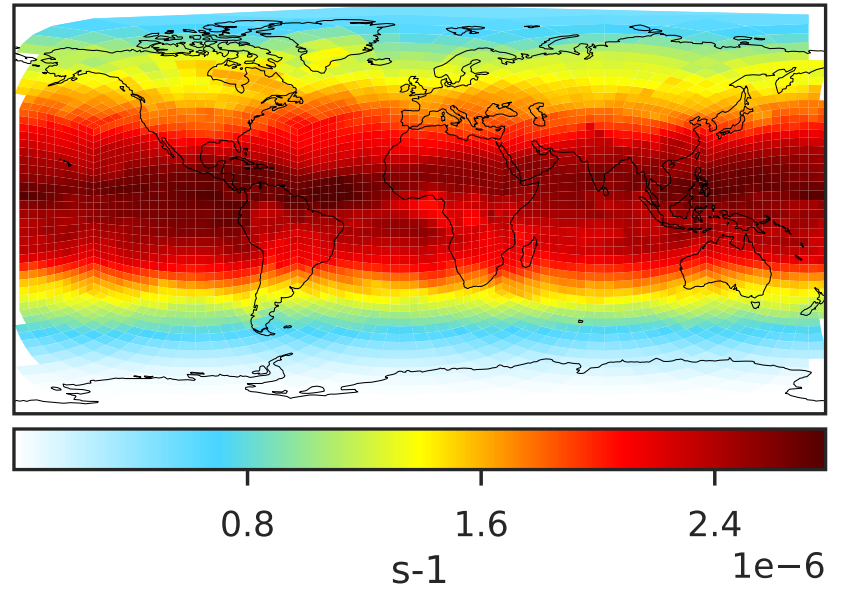
Undefined throughput domain  
unitless

# Jval\_MPN (Apr2019)

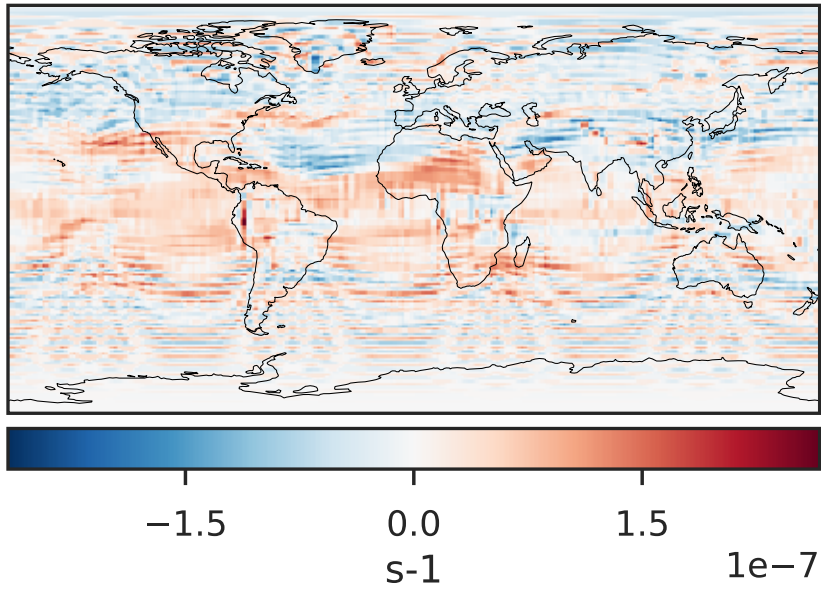
GCC\_14.2.0 (Ref)  
4.0x5.0



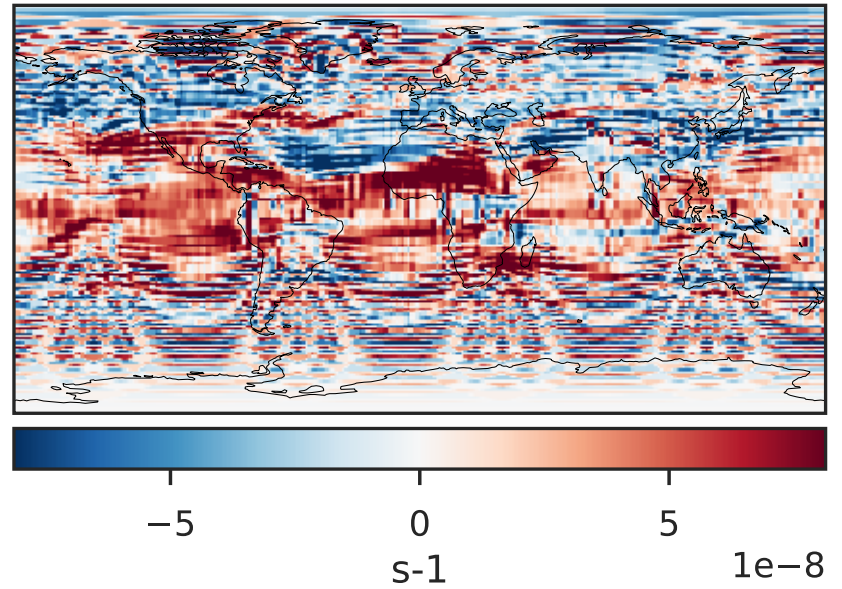
GCHP\_14.2.0 (Dev)  
c24



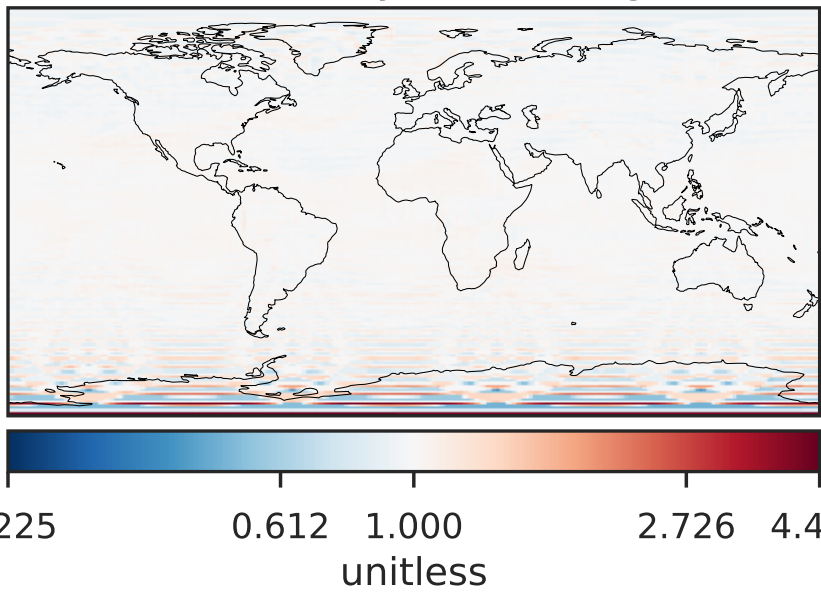
Difference (1x1.25)  
Dev - Ref, Dynamic Range



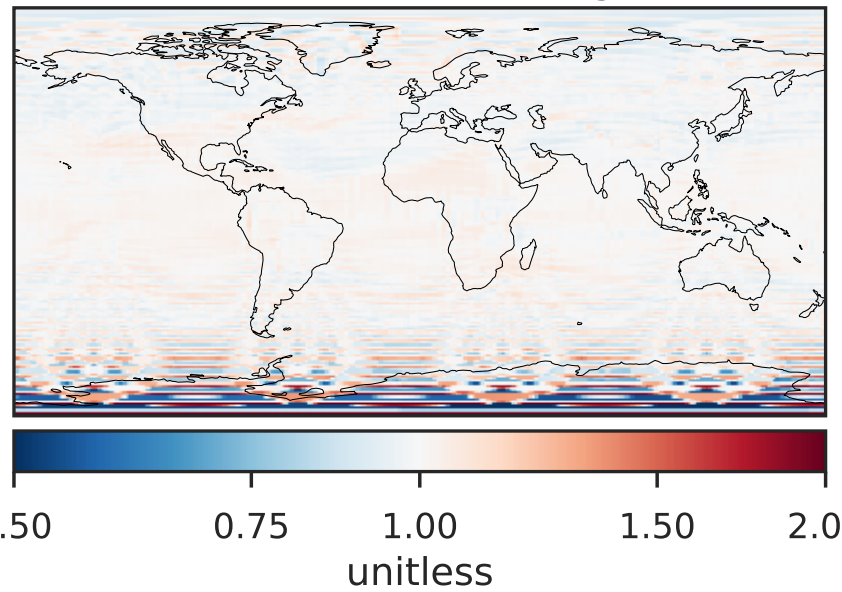
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



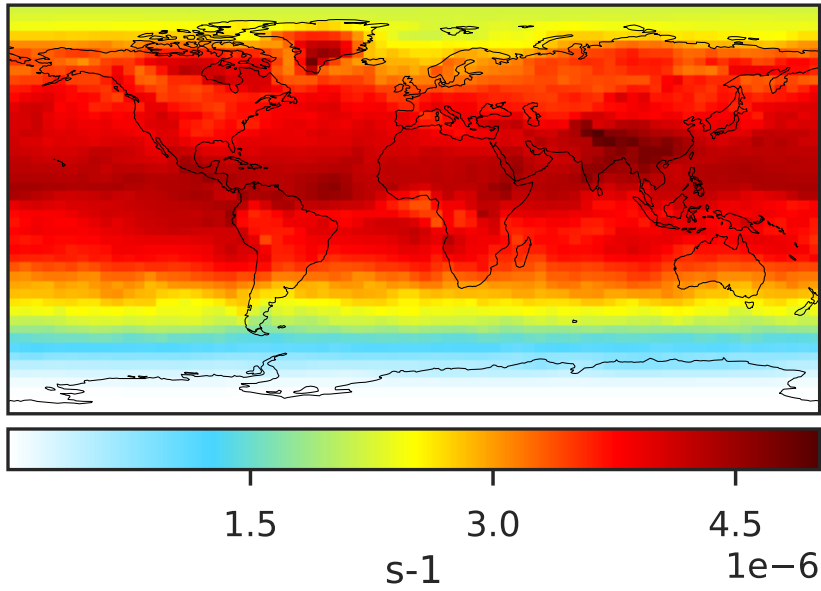
Ratio (1x1.25)  
Dev/Ref, Fixed Range



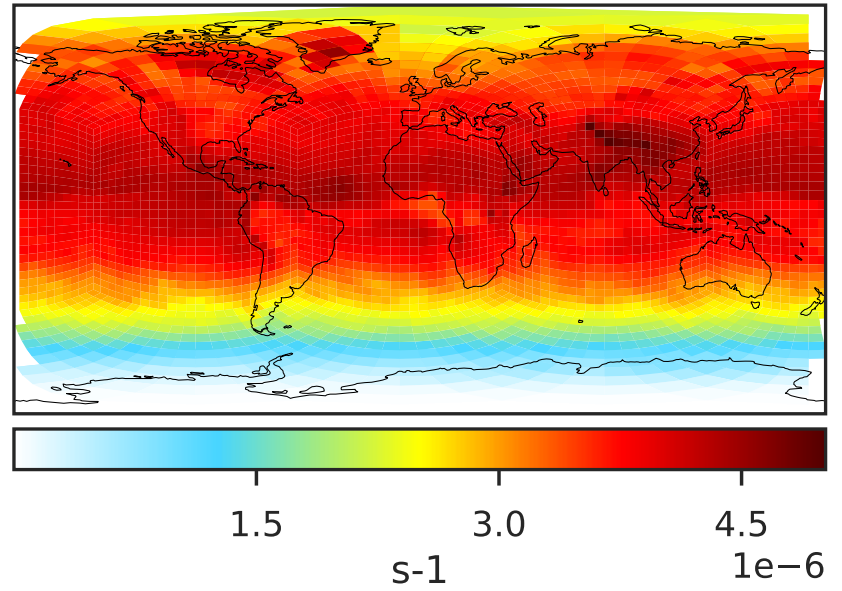


# Jval\_MVK (Apr2019)

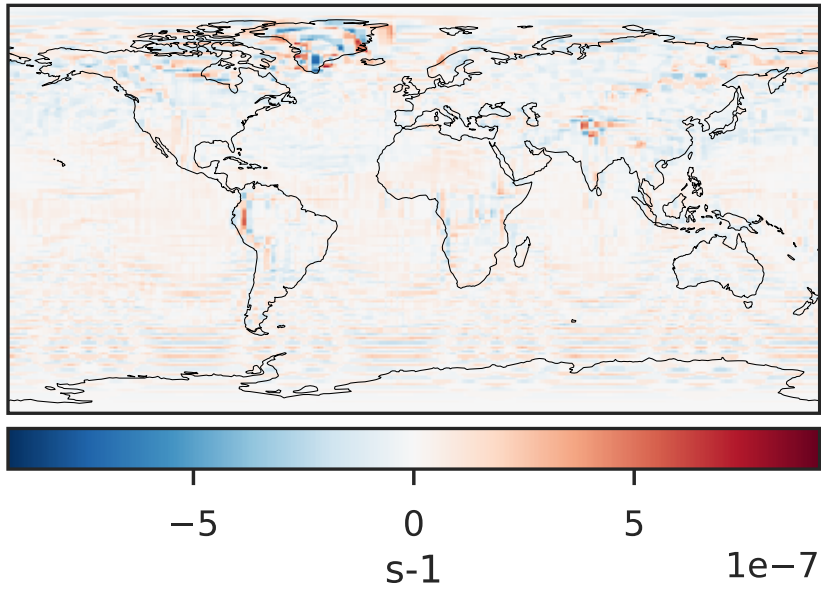
GCC\_14.2.0 (Ref)  
4.0x5.0



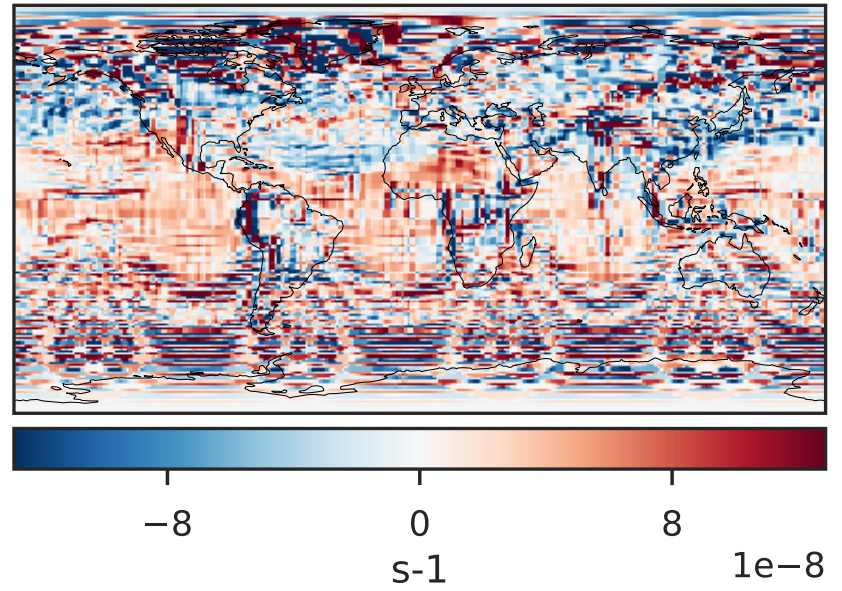
GCHP\_14.2.0 (Dev)  
c24



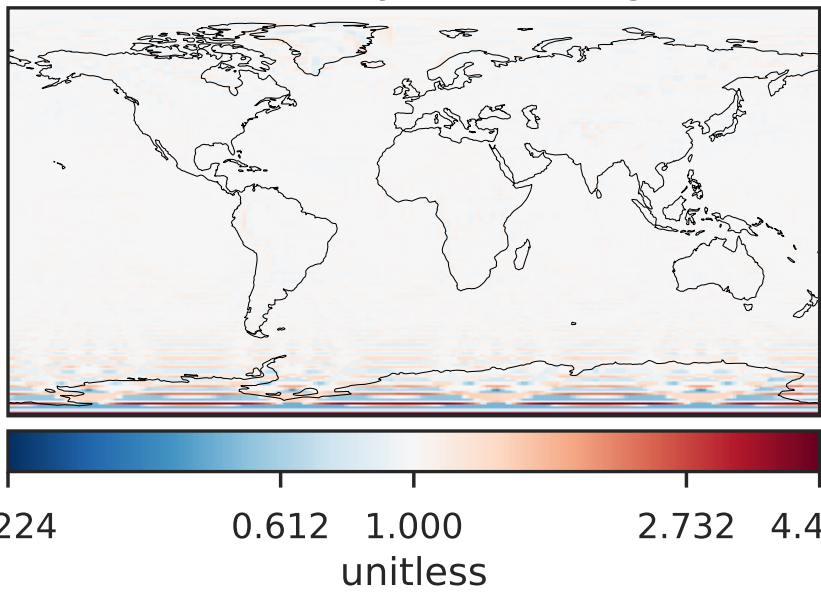
Difference (1x1.25)  
Dev - Ref, Dynamic Range



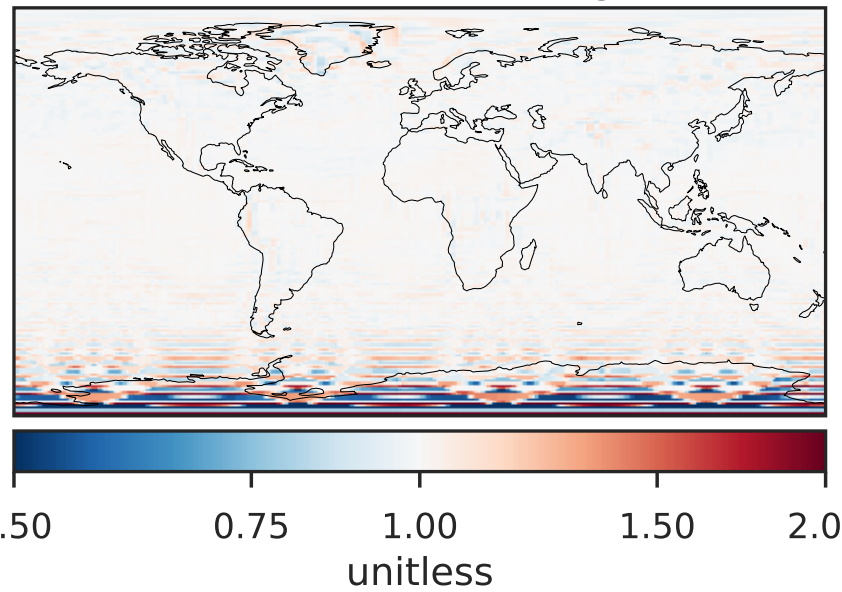
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

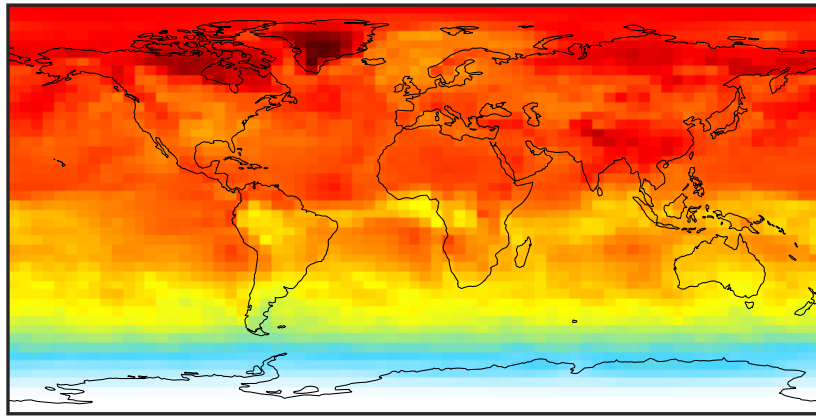


Ratio (1x1.25)  
Dev/Ref, Fixed Range



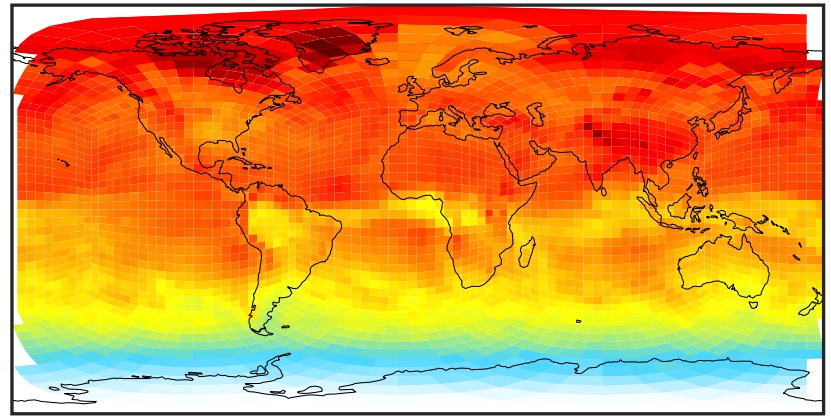
# Jval\_MVKHC (Apr2019)

GCC\_14.2.0 (Ref)  
4.0x5.0



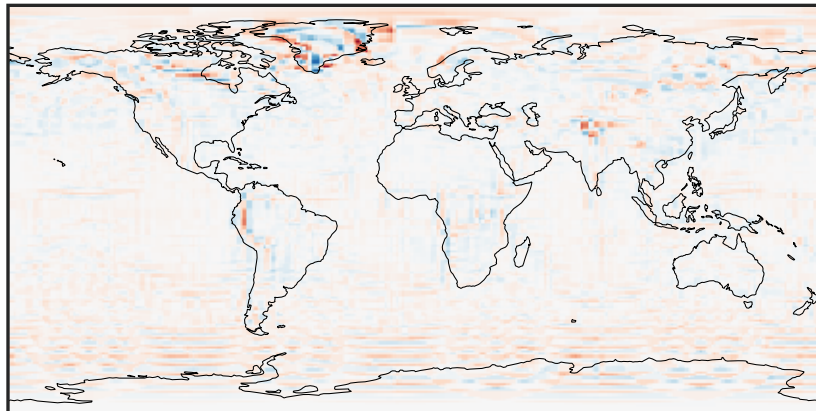
0.00006 0.00012 0.00018  
s-1

GCHP\_14.2.0 (Dev)  
c24



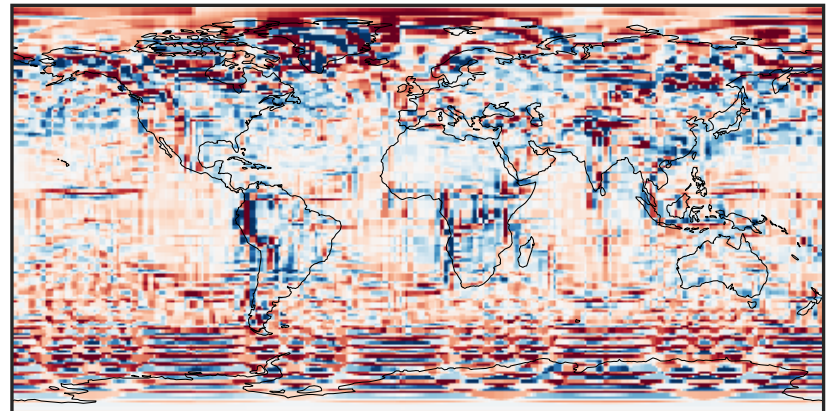
0.00006 0.00012 0.00018  
s-1

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



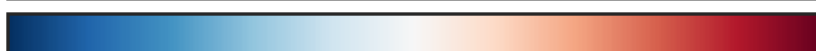
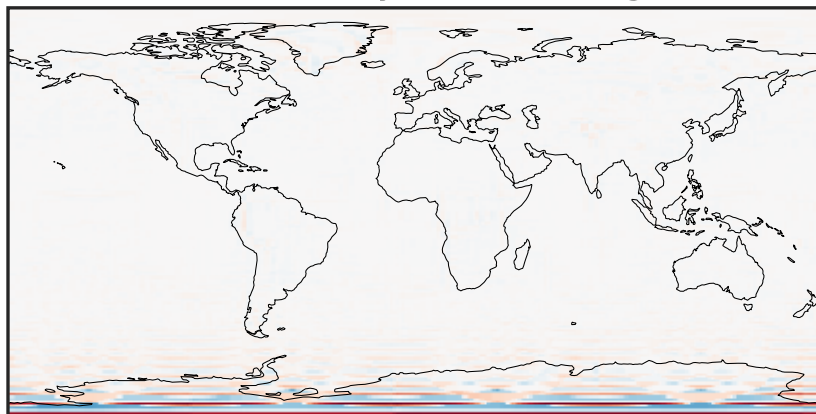
-2.5 0.0 2.5  
s-1 1e-5

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



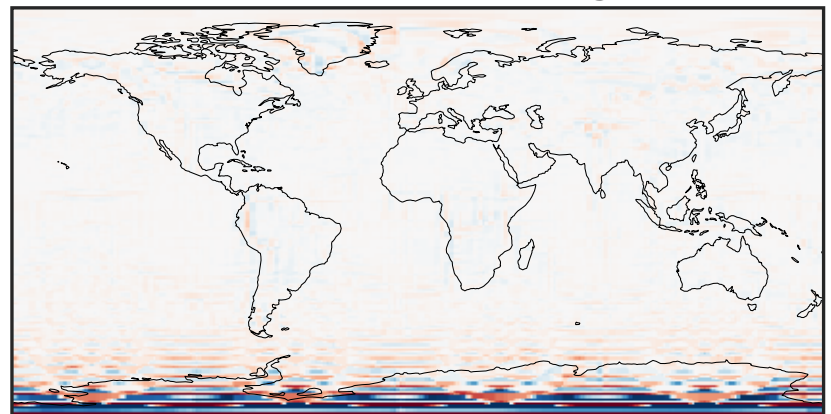
-4 0 4  
s-1 1e-6

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



0.159 0.579 1.000 3.654 6.308  
unitless

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

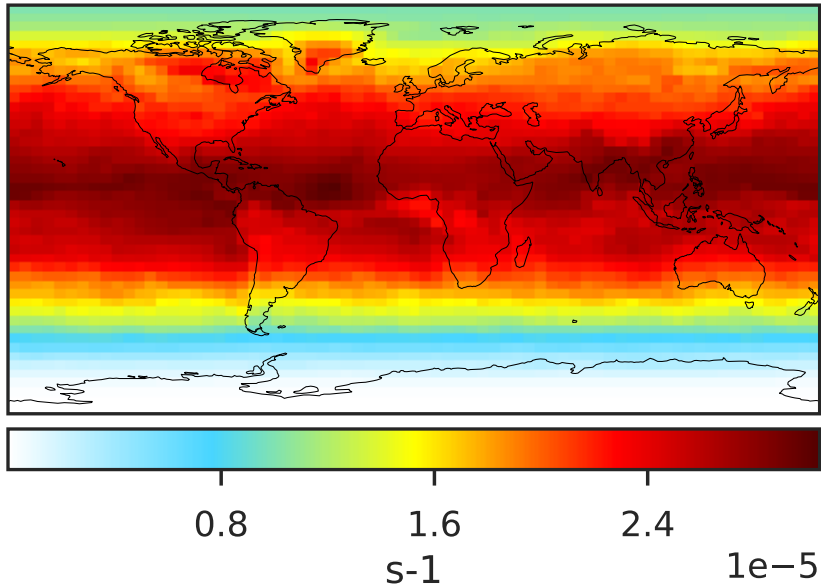


0.50 0.75 1.00 1.50 2.00  
unitless

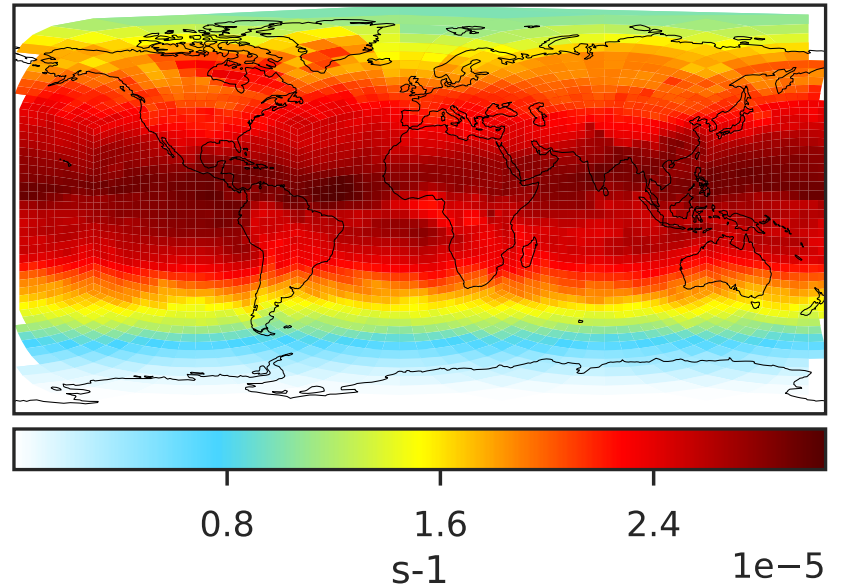


# Jval\_MVKHCB (Apr2019)

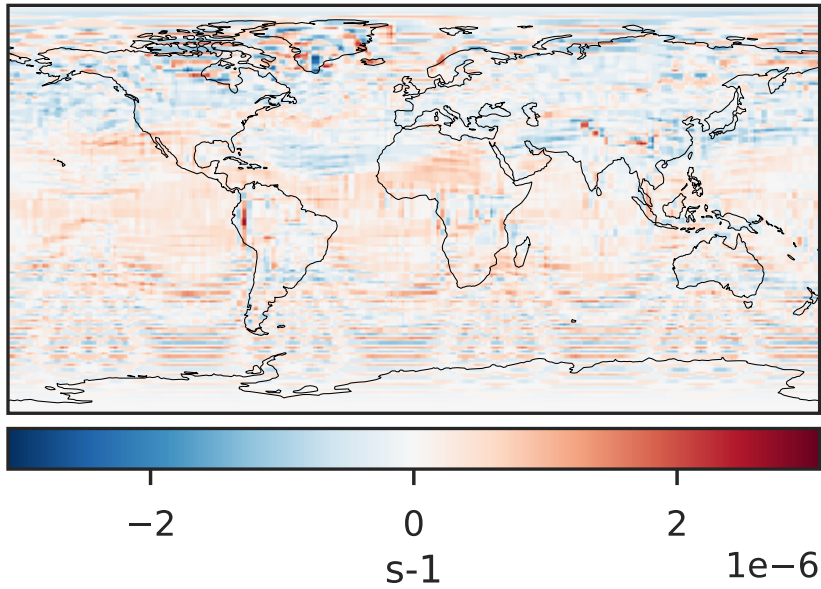
GCC\_14.2.0 (Ref)  
4.0x5.0



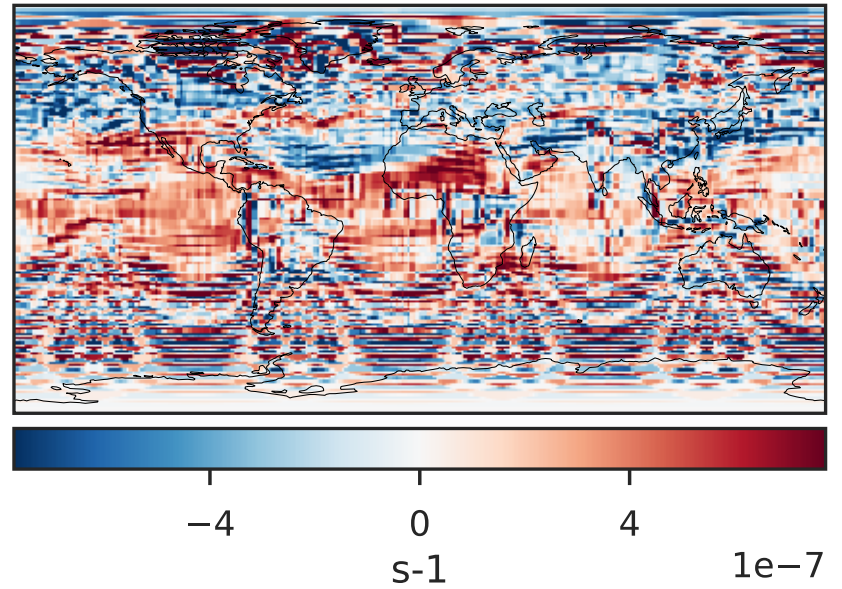
GCHP\_14.2.0 (Dev)  
c24



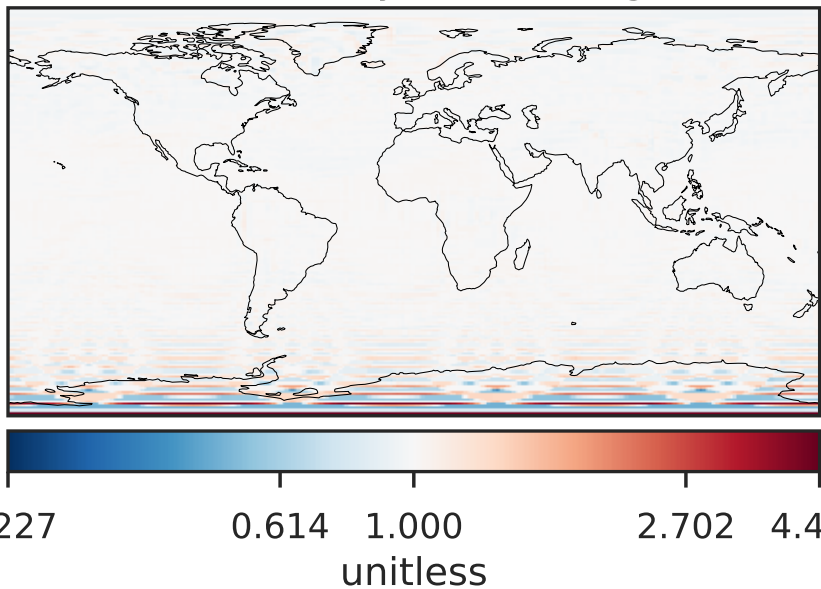
Difference (1x1.25)  
Dev - Ref, Dynamic Range



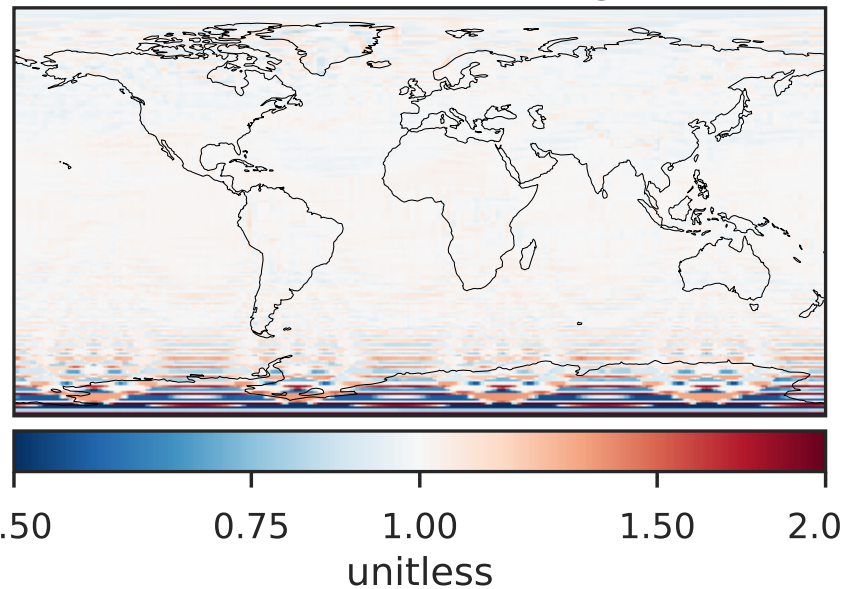
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

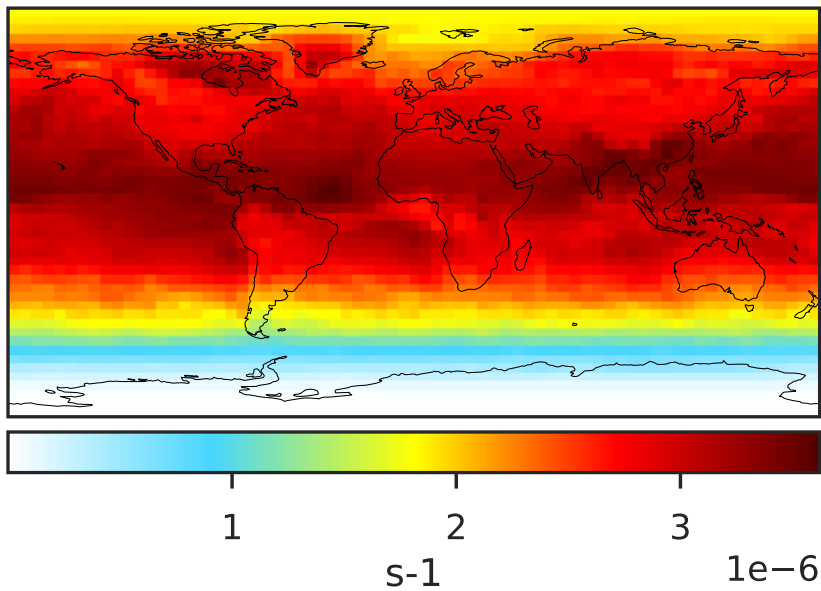


Ratio (1x1.25)  
Dev/Ref, Fixed Range

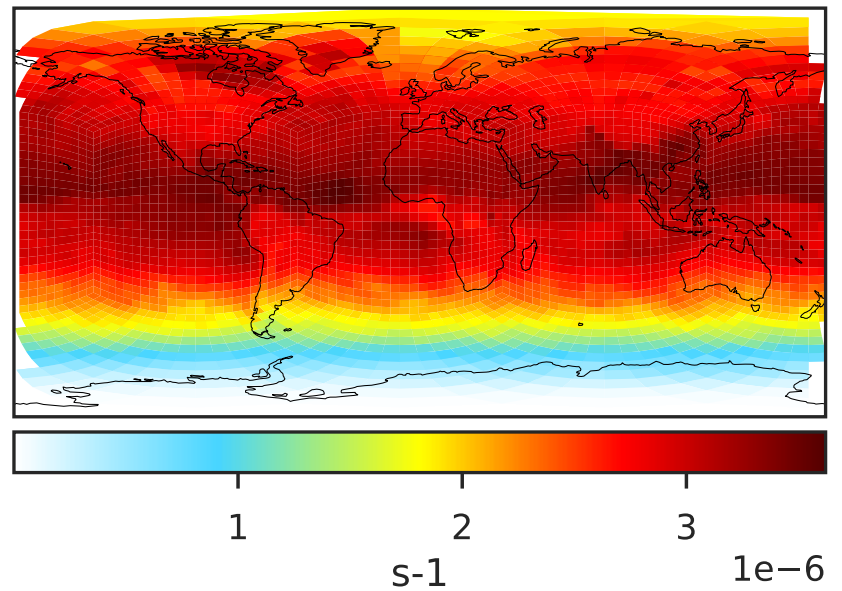


# Jval\_MVKHP (Apr2019)

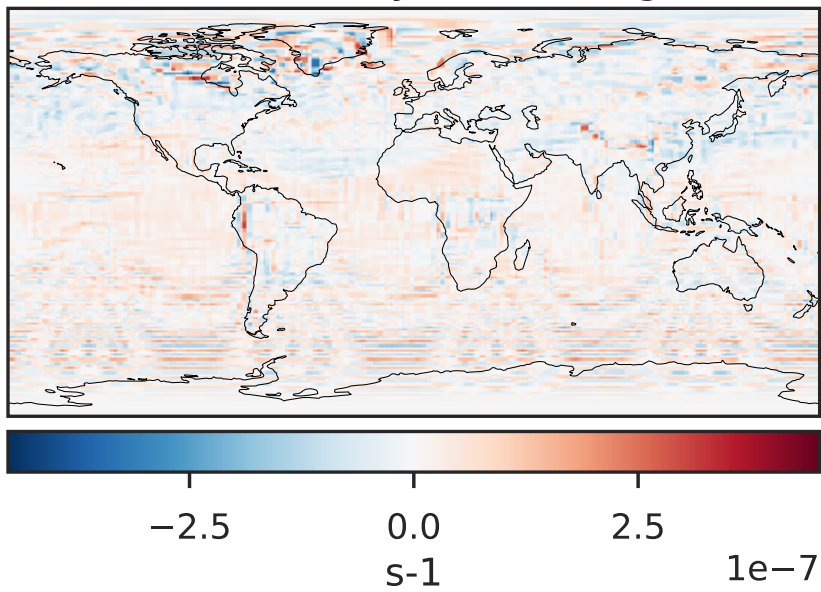
GCC\_14.2.0 (Ref)  
4.0x5.0



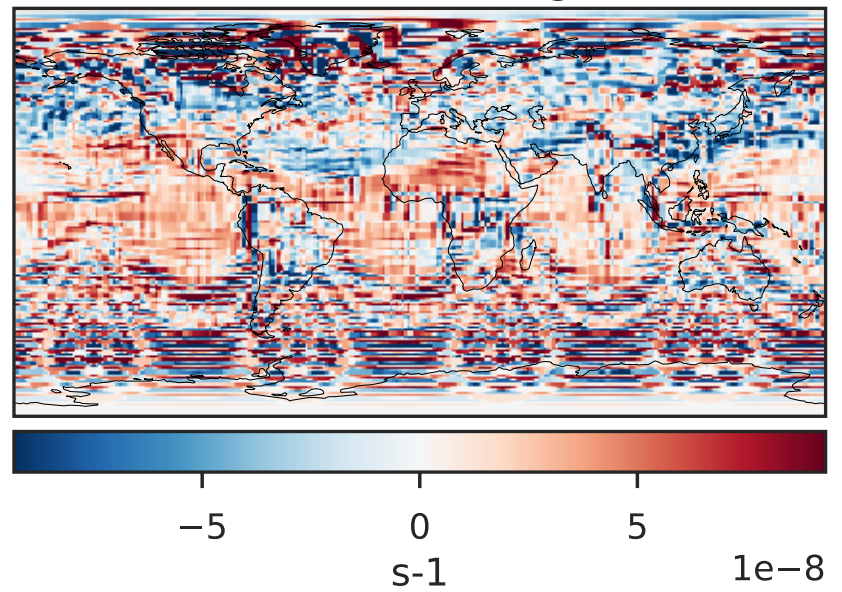
GCHP\_14.2.0 (Dev)  
c24



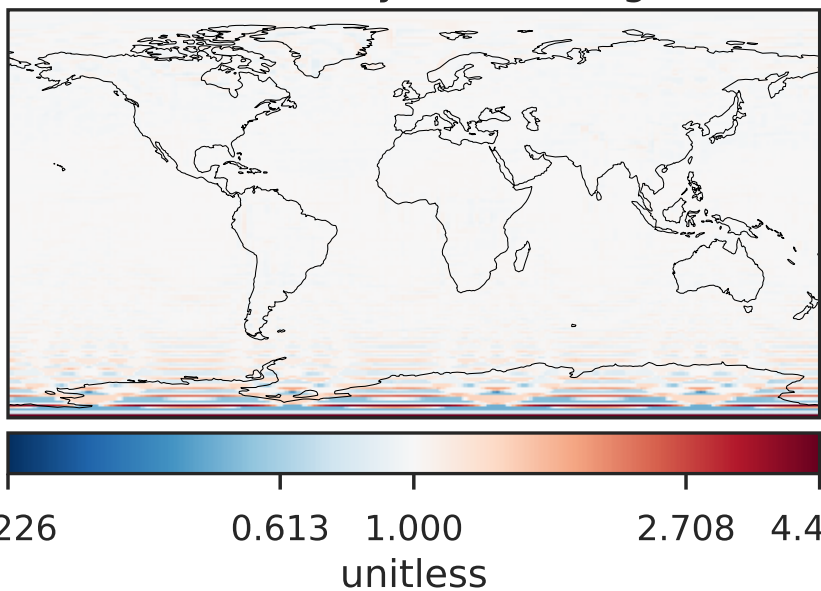
Difference (1x1.25)  
Dev - Ref, Dynamic Range



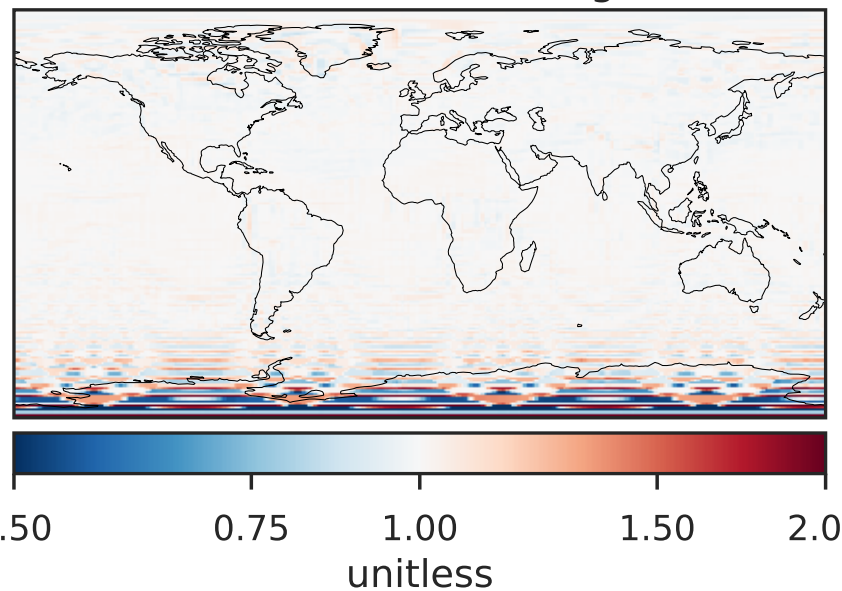
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



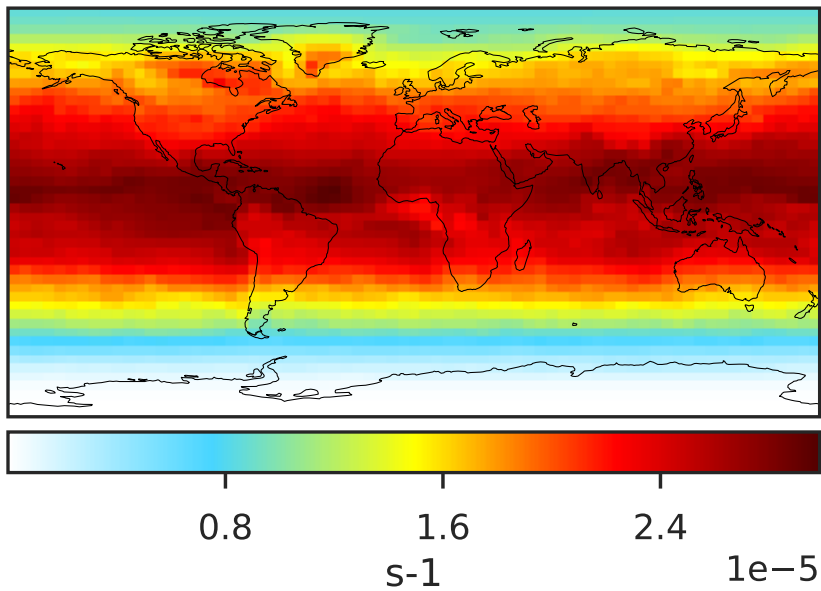
Ratio (1x1.25)  
Dev/Ref, Fixed Range



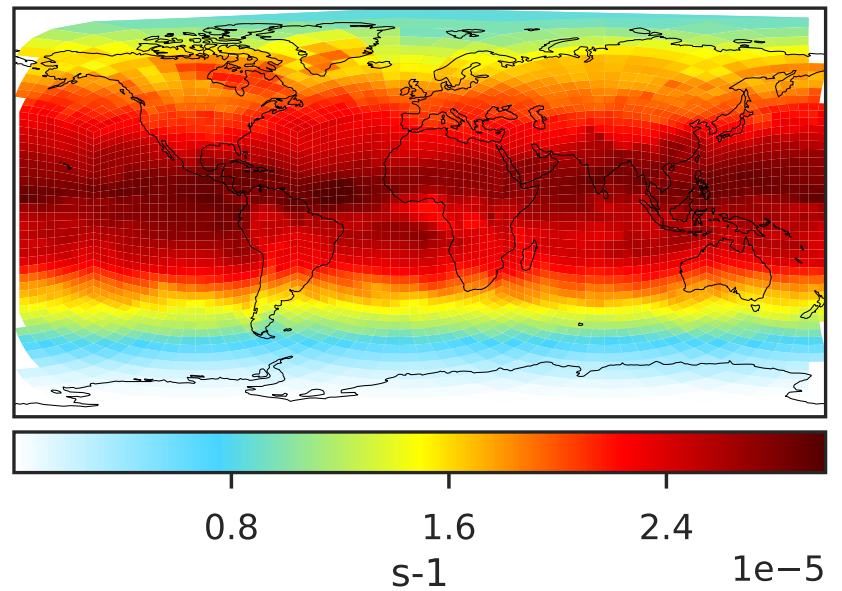


# Jval\_MVKN (Apr2019)

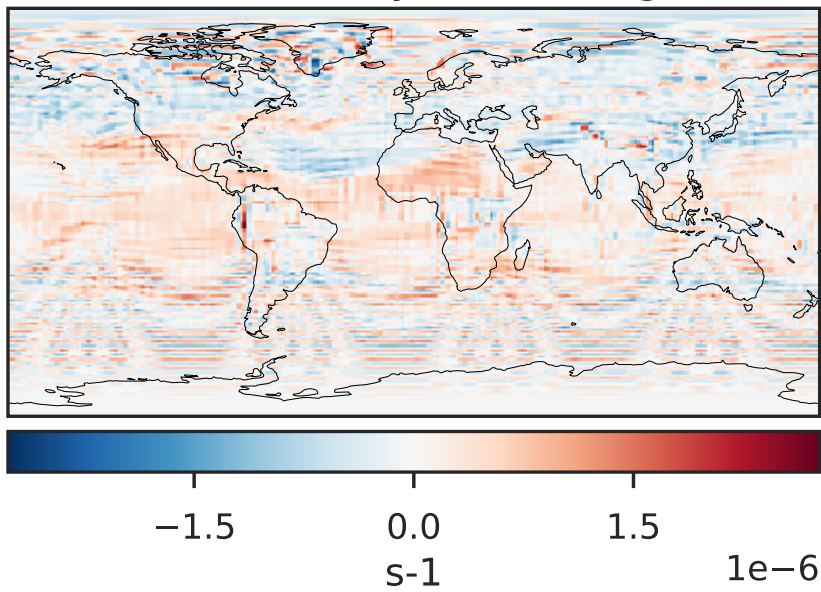
GCC\_14.2.0 (Ref)  
4.0x5.0



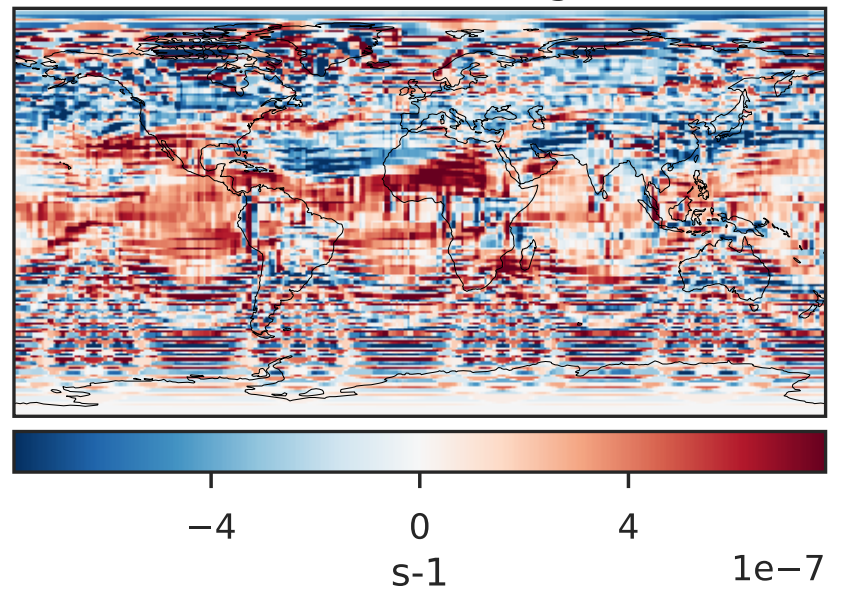
GCHP\_14.2.0 (Dev)  
c24



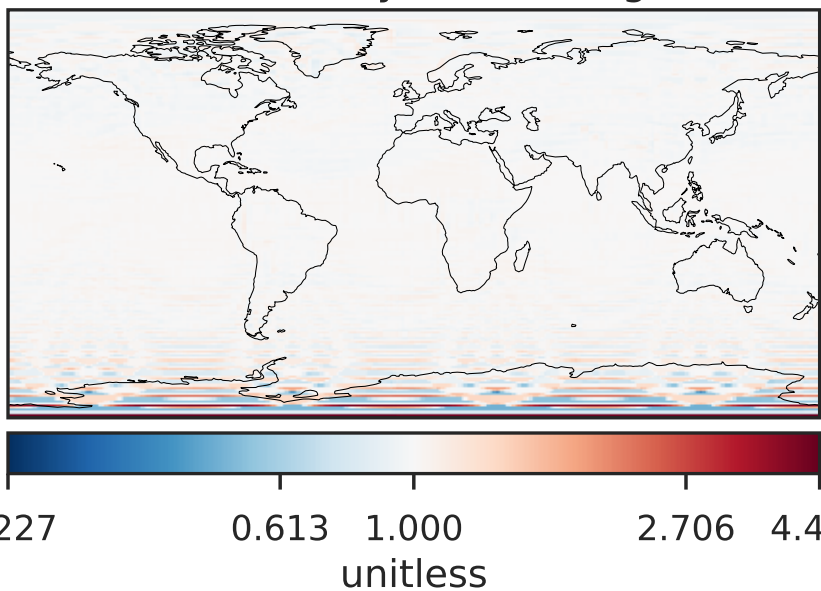
Difference (1x1.25)  
Dev - Ref, Dynamic Range



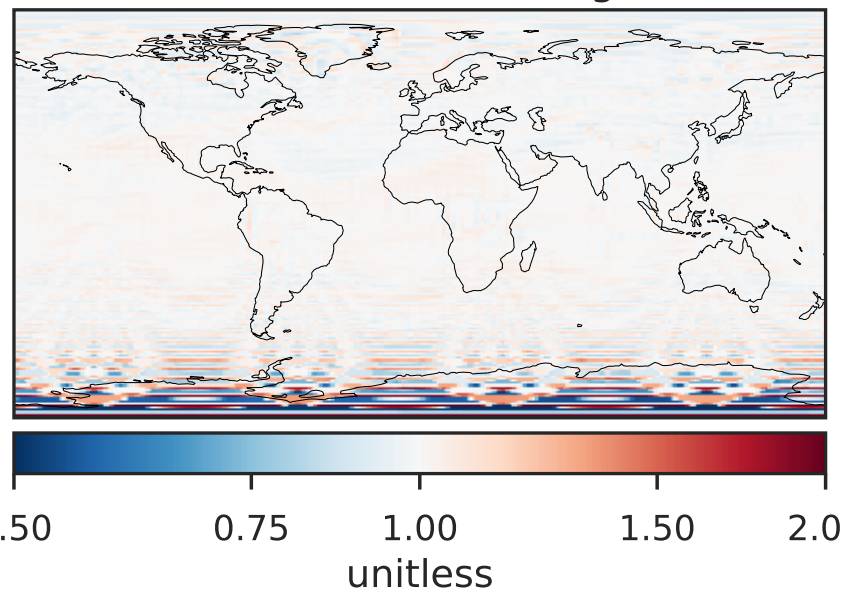
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

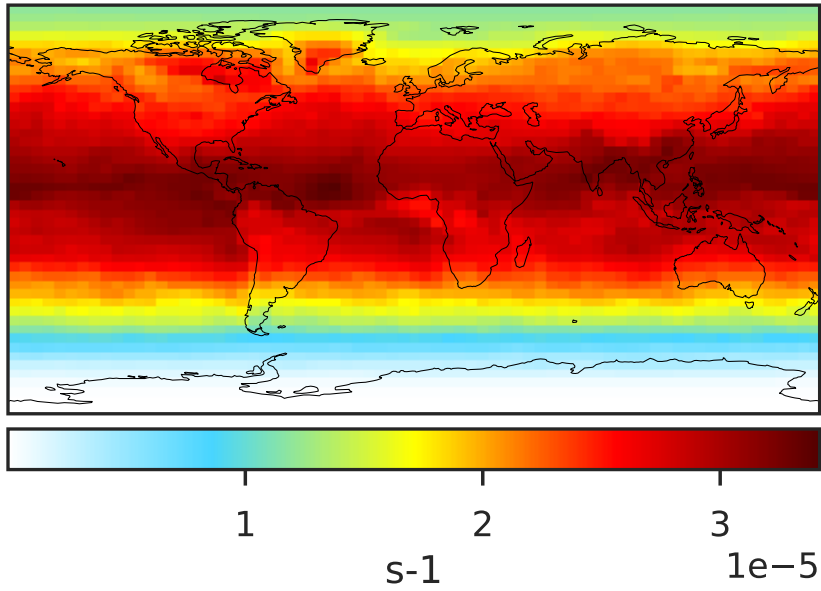


Ratio (1x1.25)  
Dev/Ref, Fixed Range

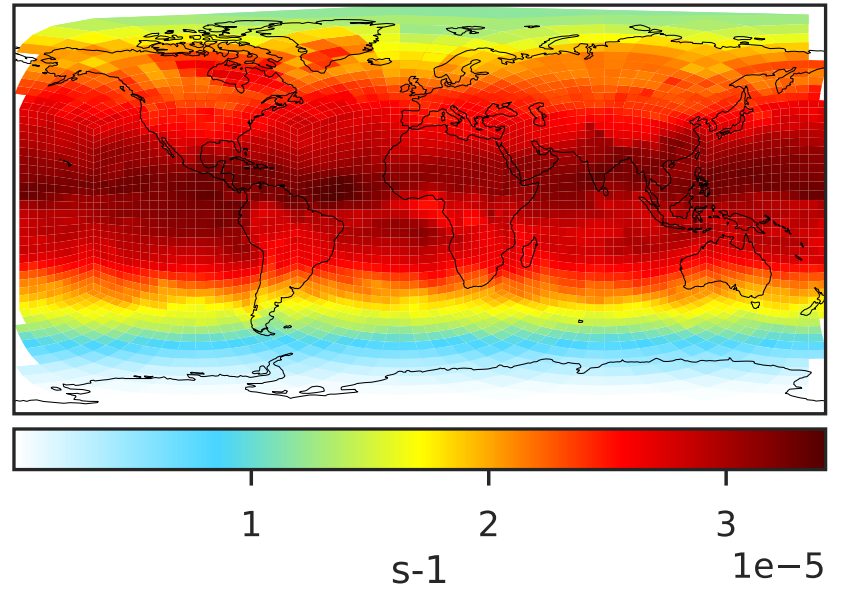


# Jval\_MVKPC (Apr2019)

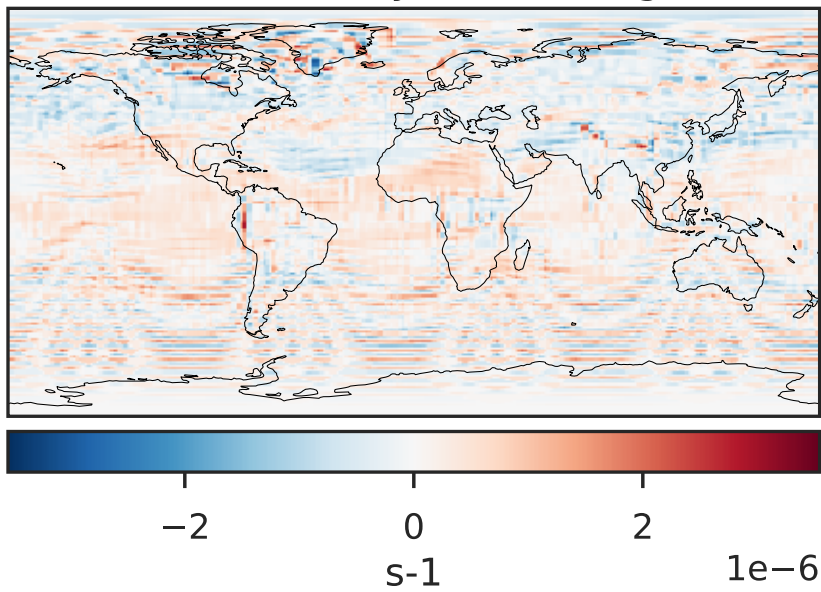
GCC\_14.2.0 (Ref)  
4.0x5.0



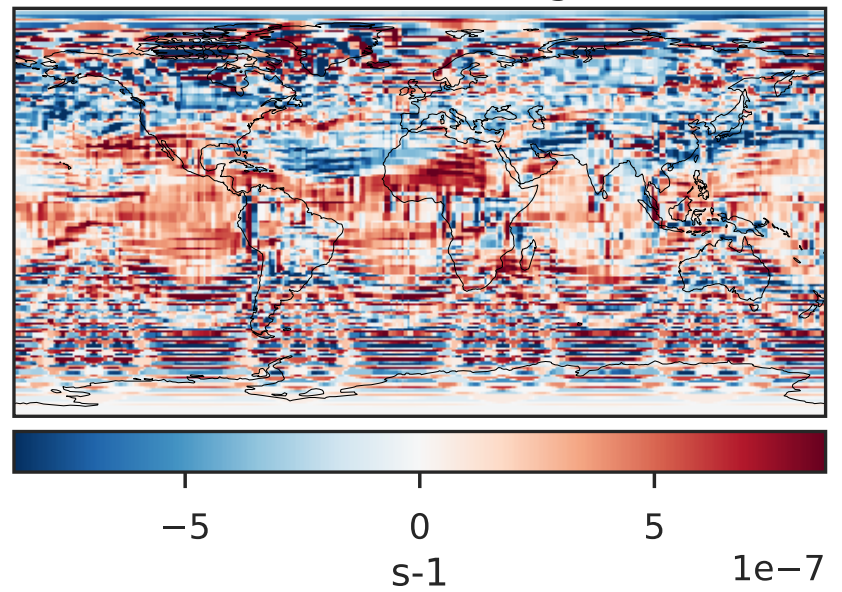
GCHP\_14.2.0 (Dev)  
c24



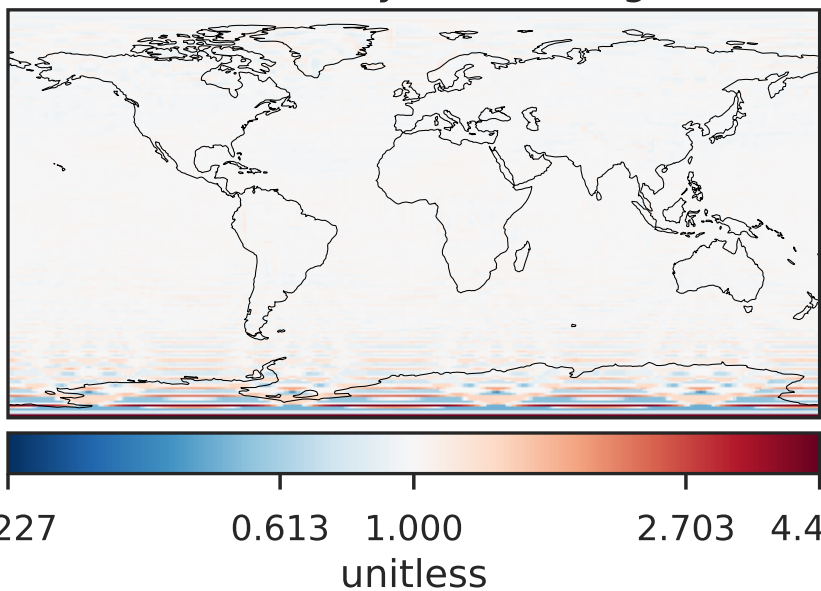
Difference (1x1.25)  
Dev - Ref, Dynamic Range



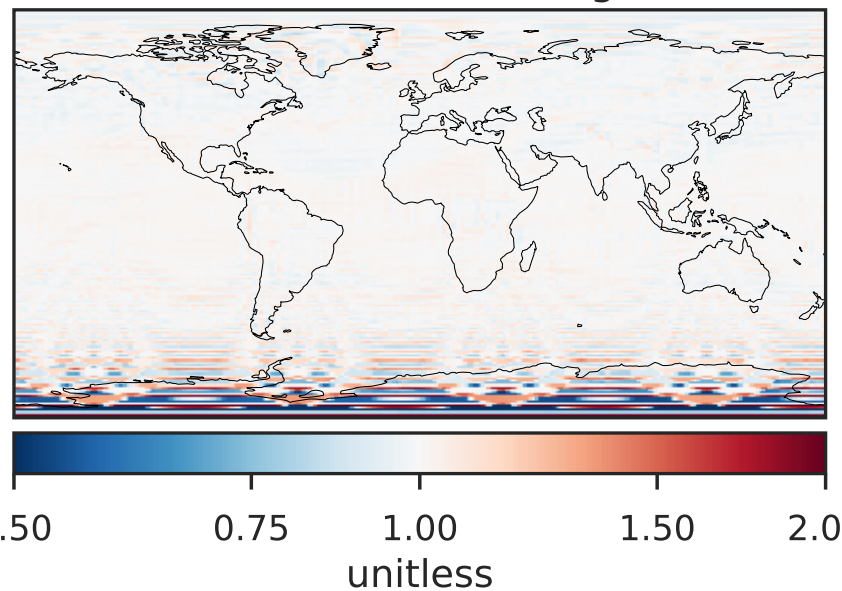
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



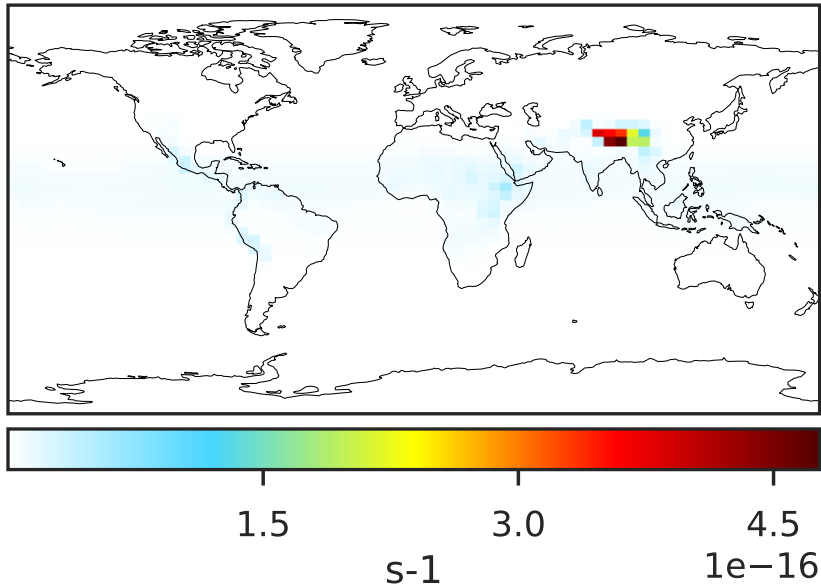
Ratio (1x1.25)  
Dev/Ref, Fixed Range



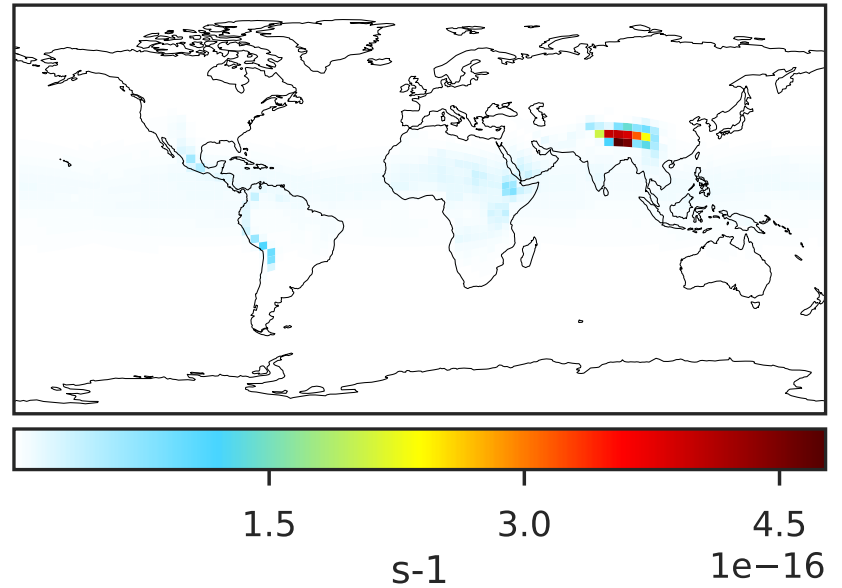


# Jval\_N2O (Apr2019)

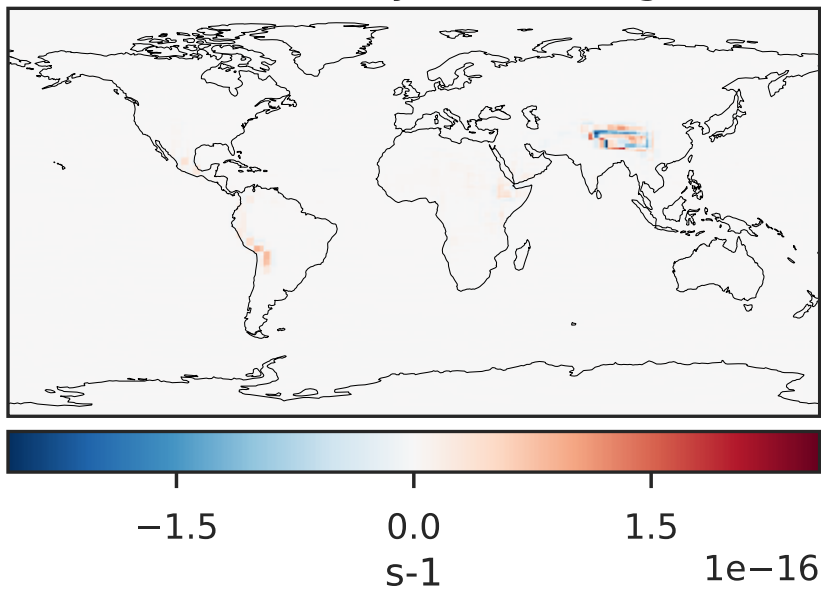
GCC\_14.2.0 (Ref)  
4.0x5.0



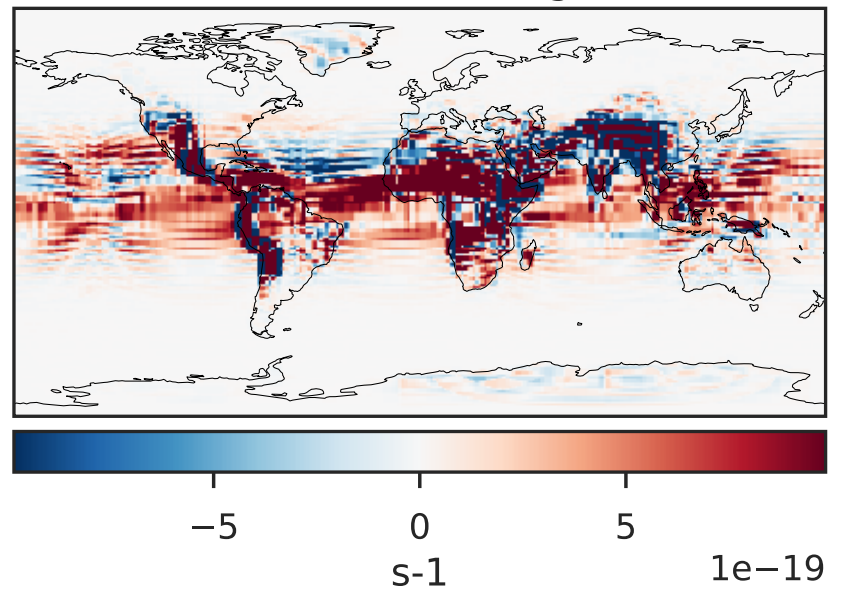
GCHP\_14.2.0 (Dev)  
c24



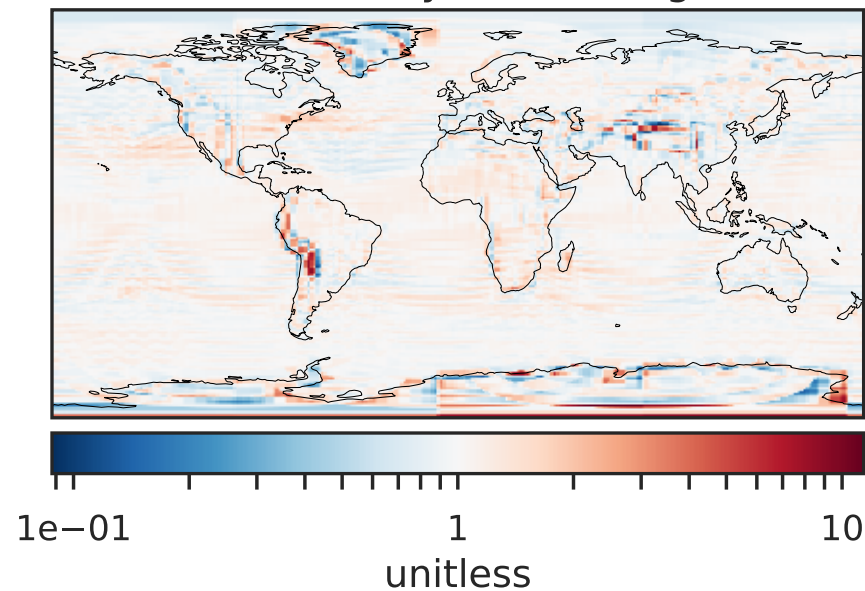
Difference (1x1.25)  
Dev - Ref, Dynamic Range



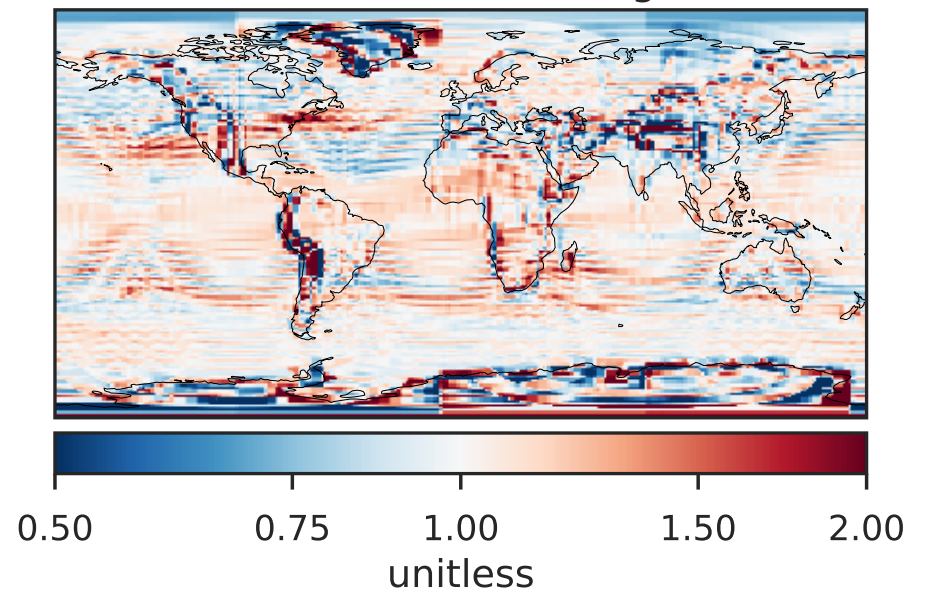
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

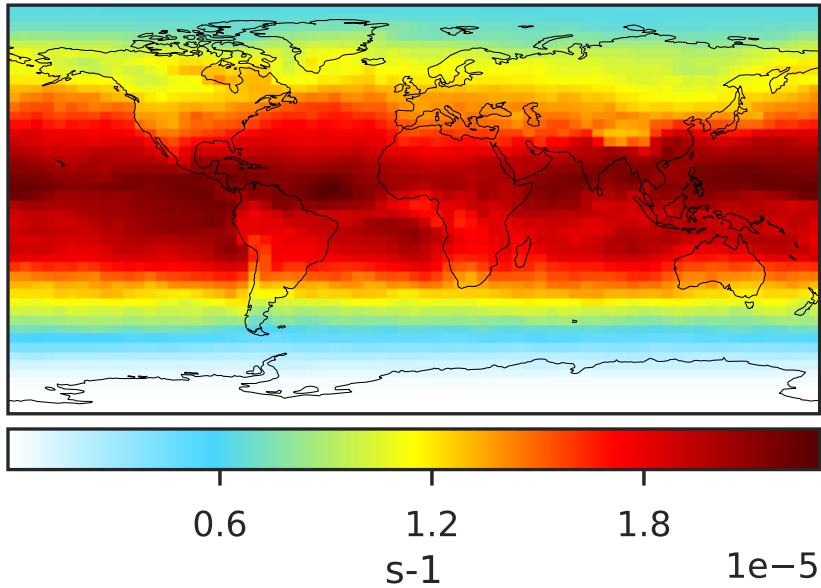


Ratio (1x1.25)  
Dev/Ref, Fixed Range

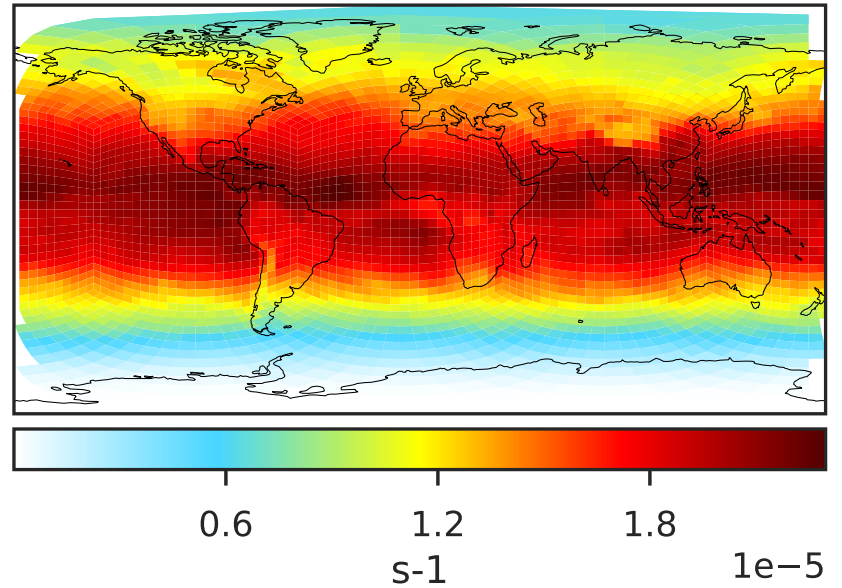


# Jval\_N2O5 (Apr2019)

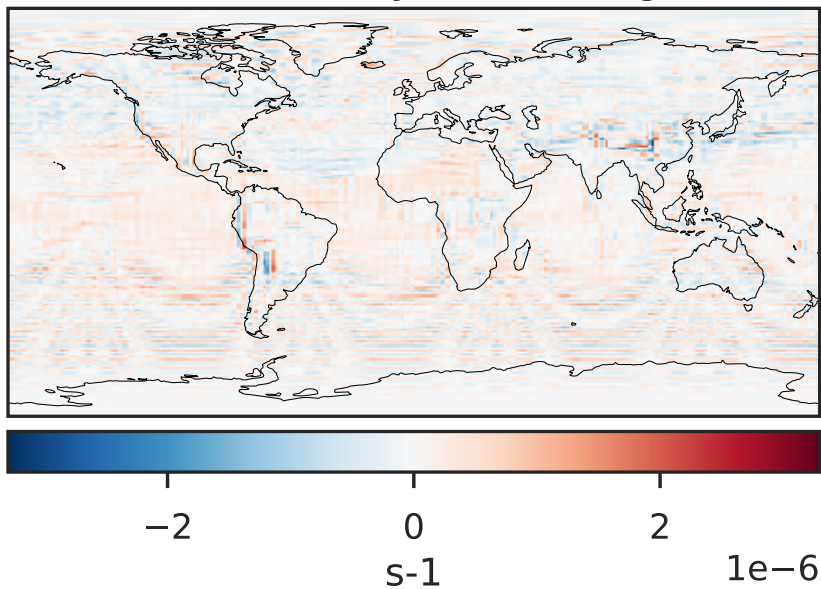
GCC\_14.2.0 (Ref)  
4.0x5.0



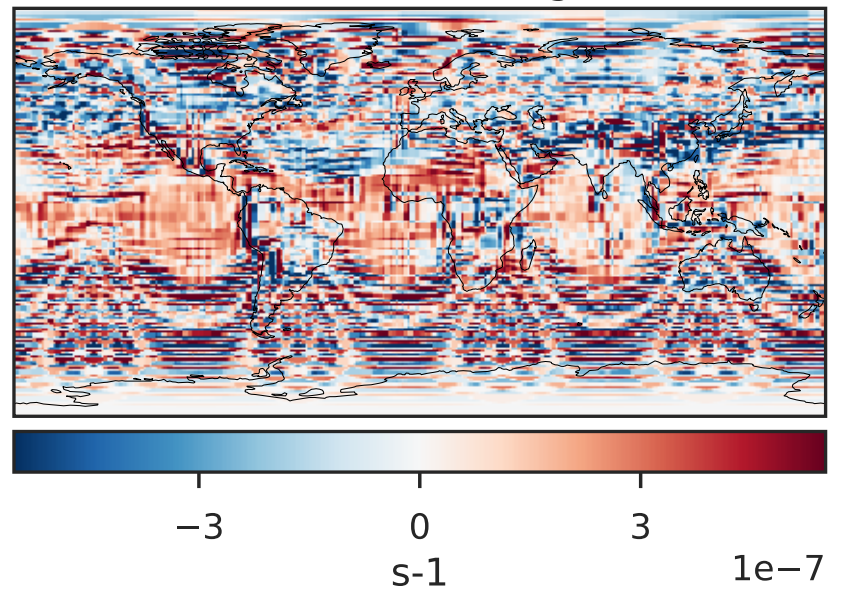
GCHP\_14.2.0 (Dev)  
c24



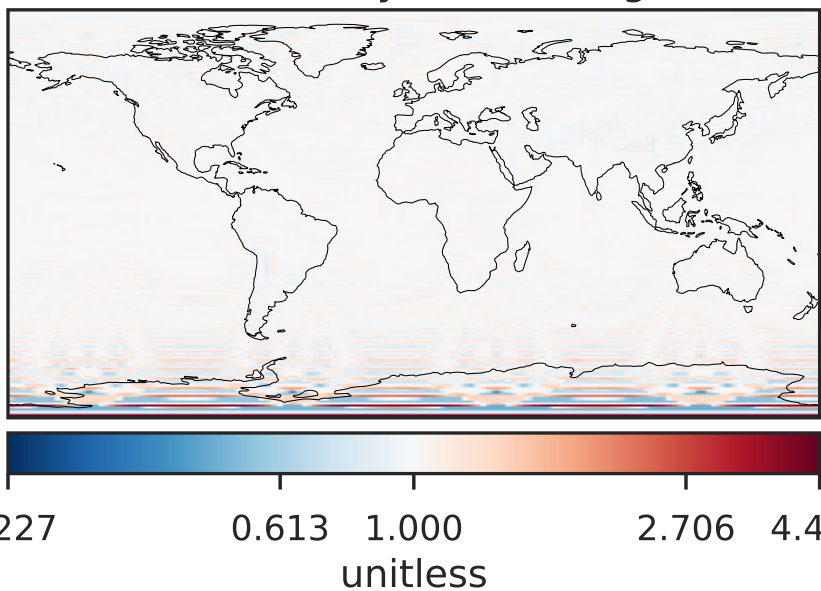
Difference (1x1.25)  
Dev - Ref, Dynamic Range



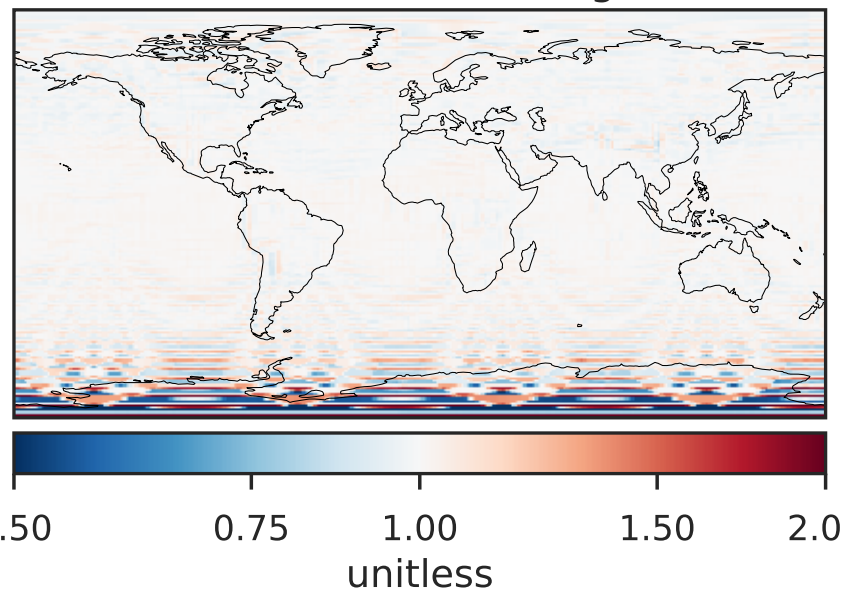
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



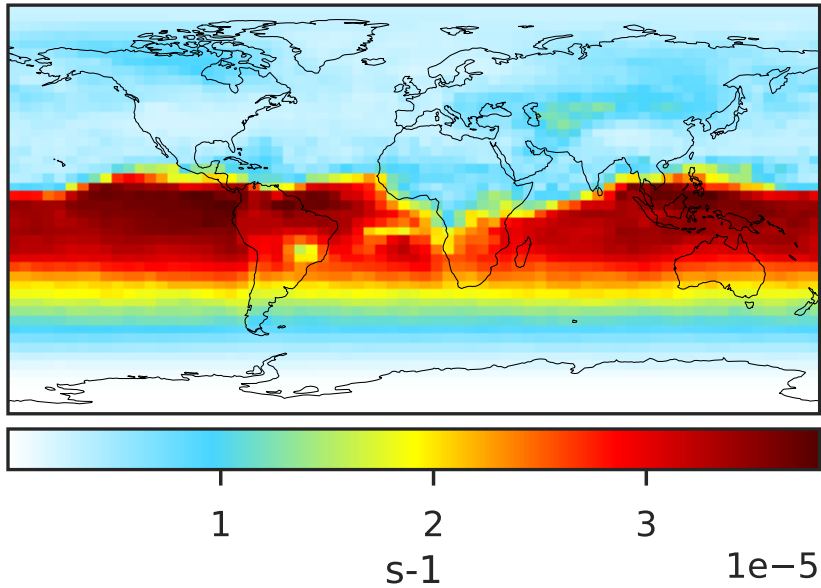
Ratio (1x1.25)  
Dev/Ref, Fixed Range



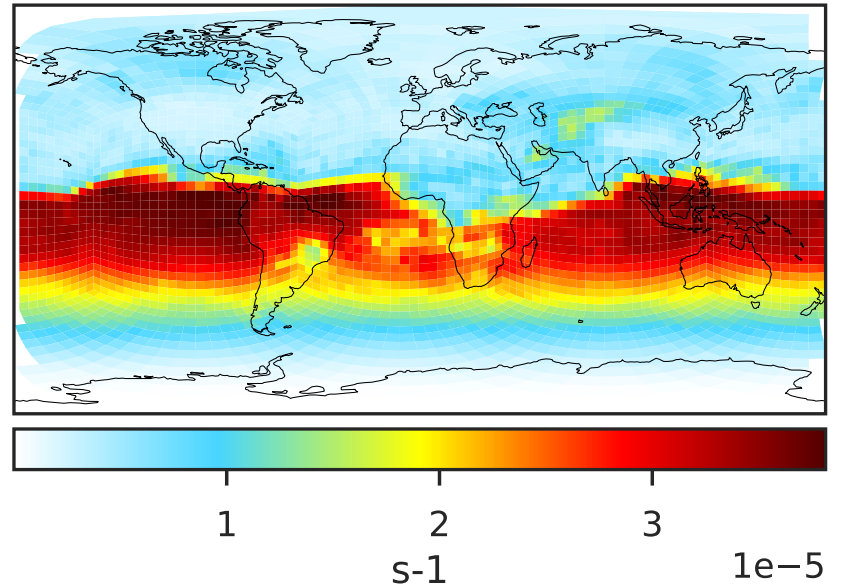


# Jval\_NIT (Apr2019)

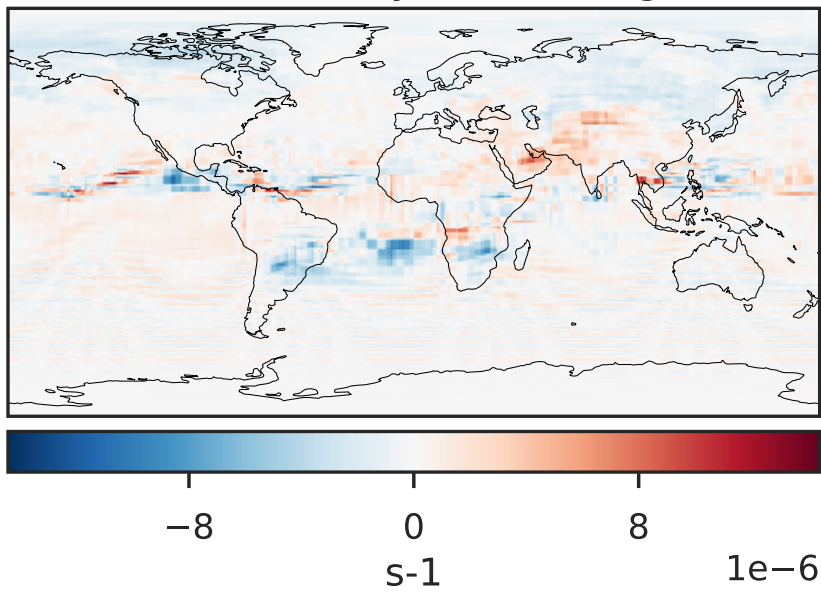
GCC\_14.2.0 (Ref)  
4.0x5.0



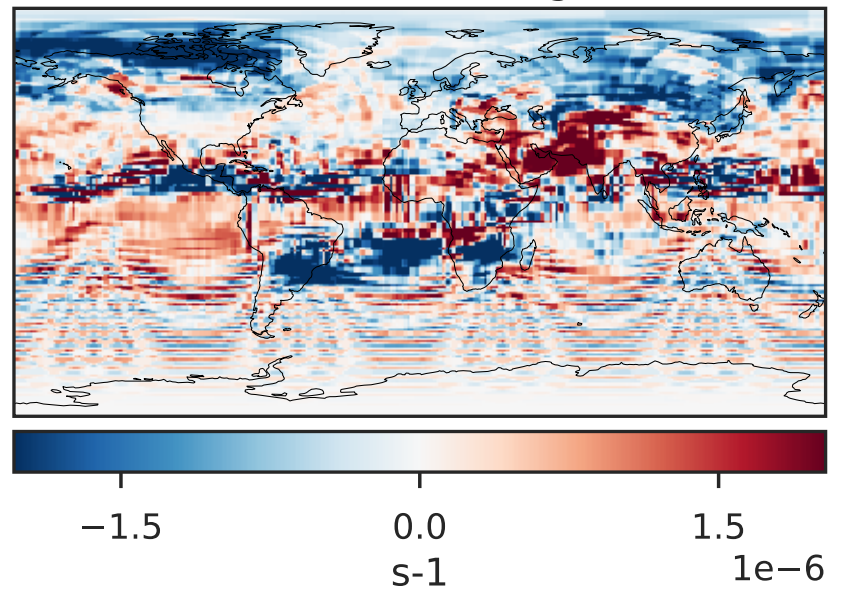
GCHP\_14.2.0 (Dev)  
c24



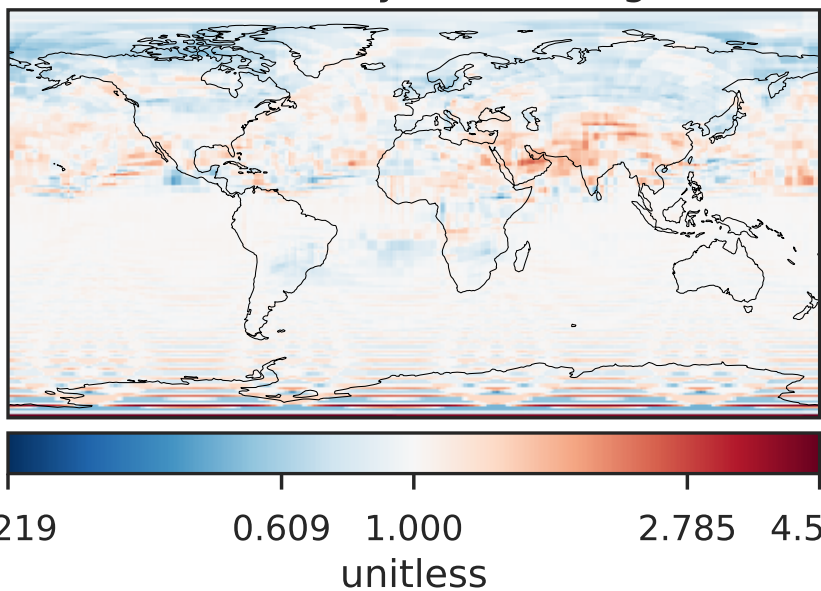
Difference (1x1.25)  
Dev - Ref, Dynamic Range



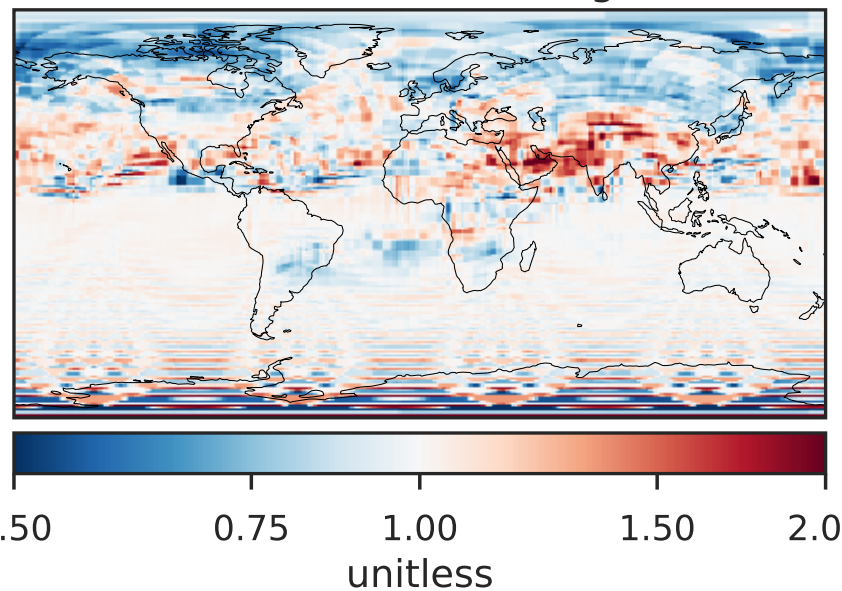
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

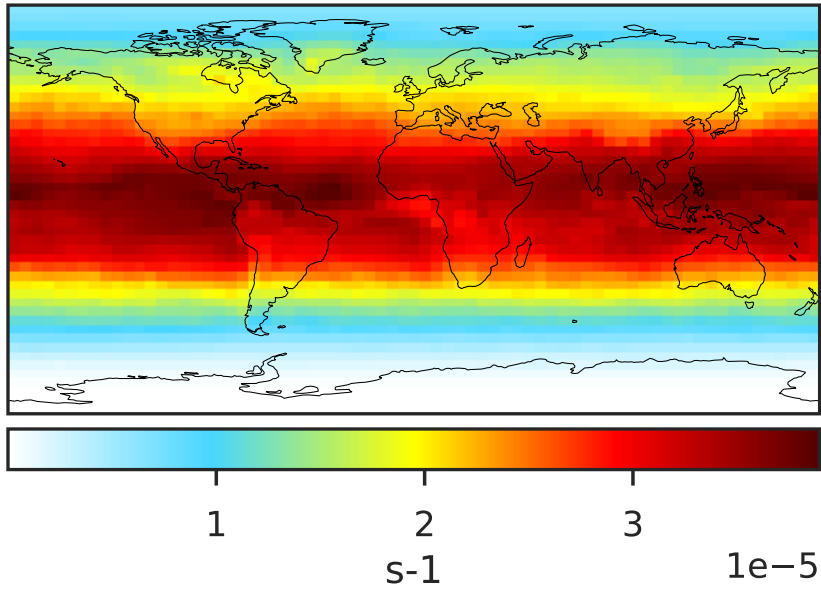


Ratio (1x1.25)  
Dev/Ref, Fixed Range

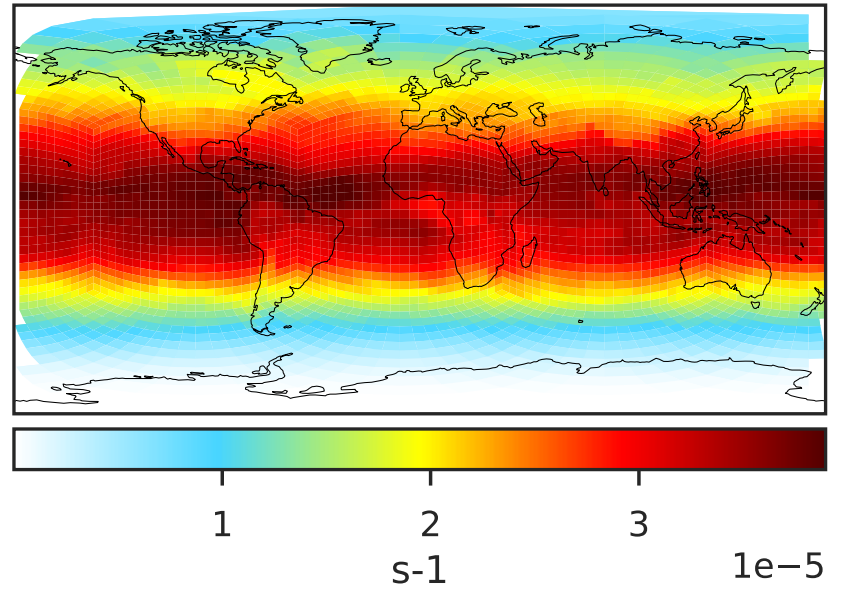


# Jval\_NITs (Apr2019)

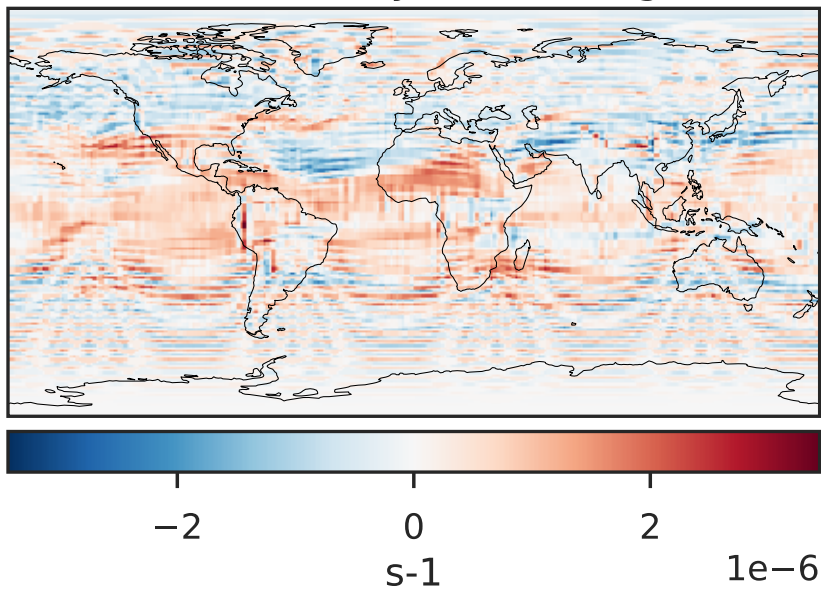
GCC\_14.2.0 (Ref)  
4.0x5.0



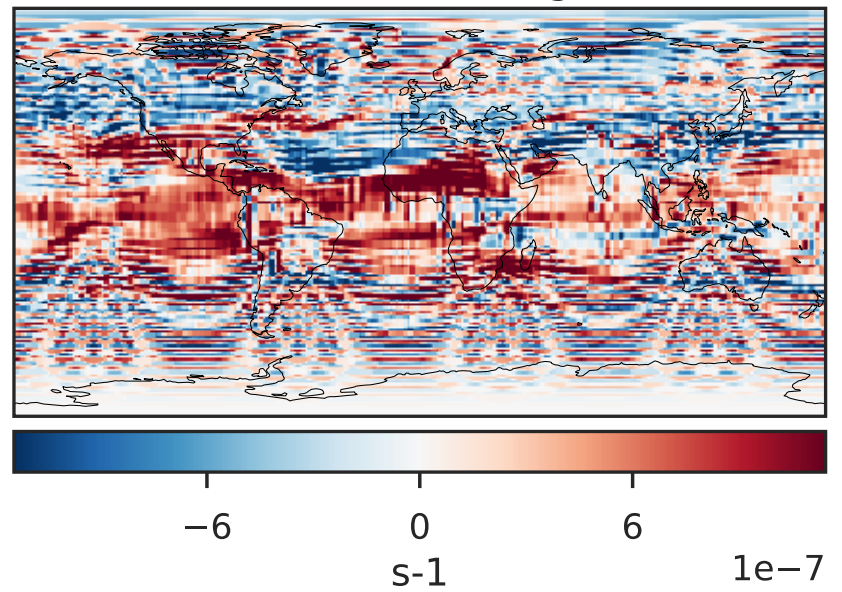
GCHP\_14.2.0 (Dev)  
c24



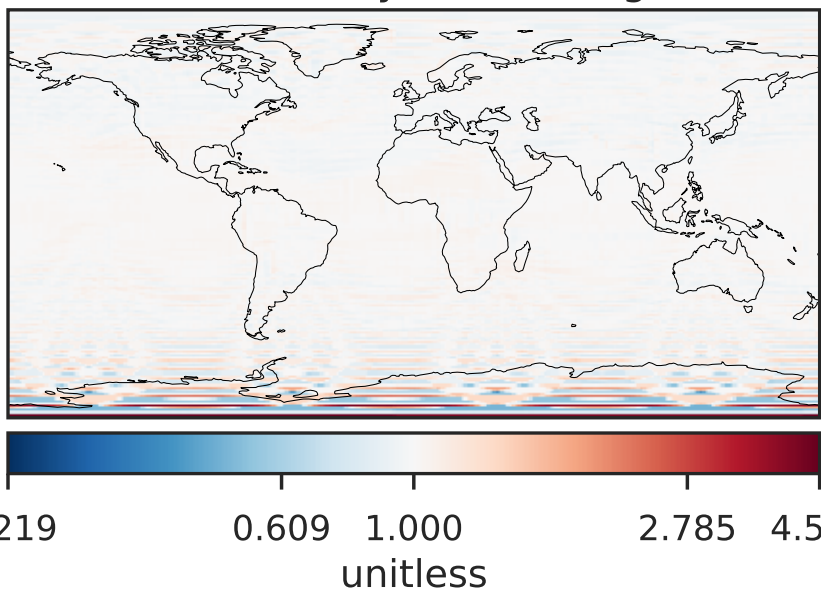
Difference (1x1.25)  
Dev - Ref, Dynamic Range



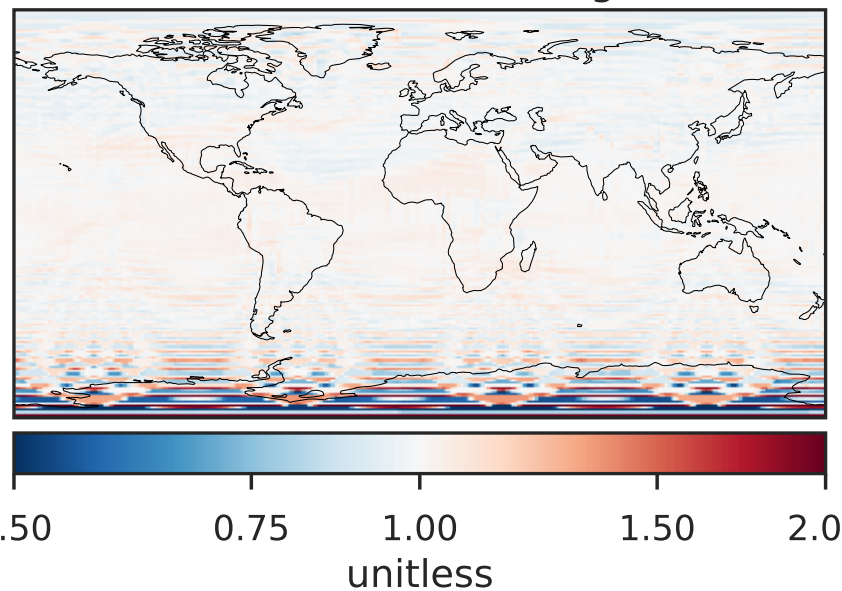
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



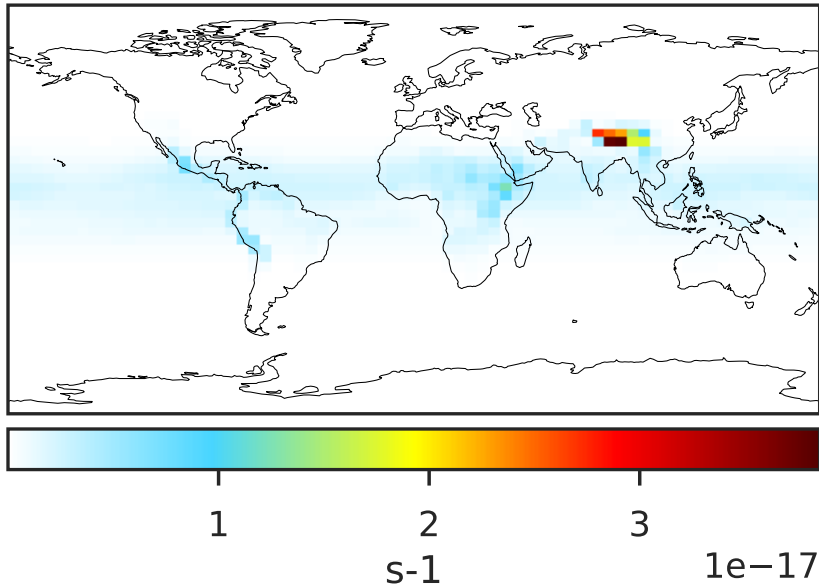
Ratio (1x1.25)  
Dev/Ref, Fixed Range



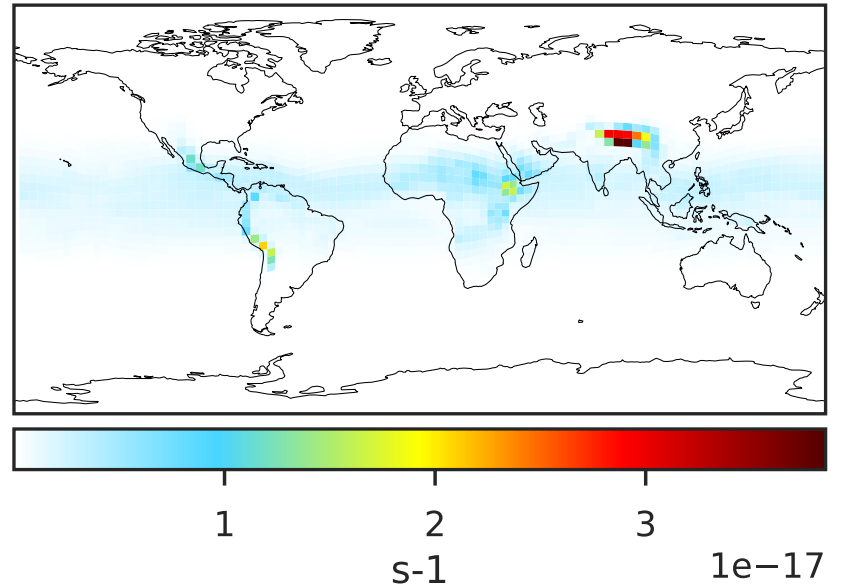


# Jval\_NO (Apr2019)

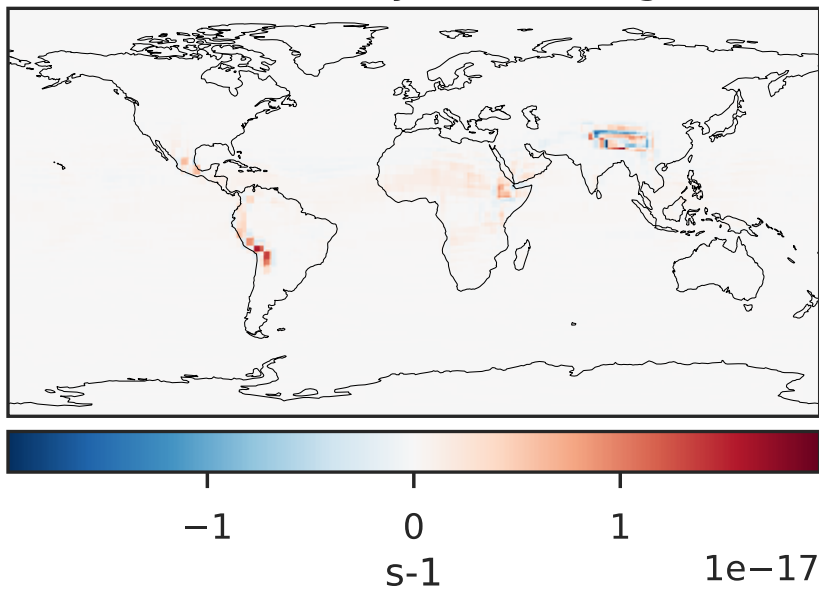
GCC\_14.2.0 (Ref)  
4.0x5.0



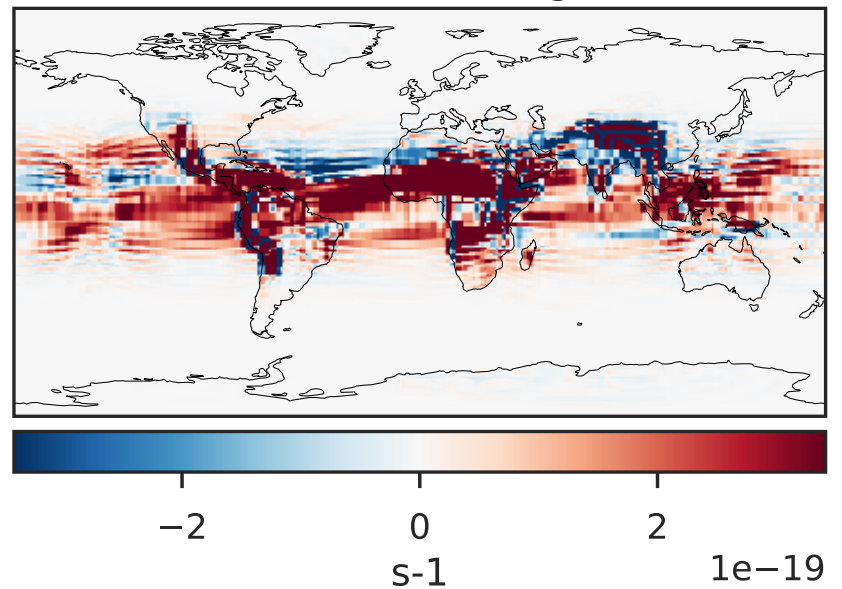
GCHP\_14.2.0 (Dev)  
c24



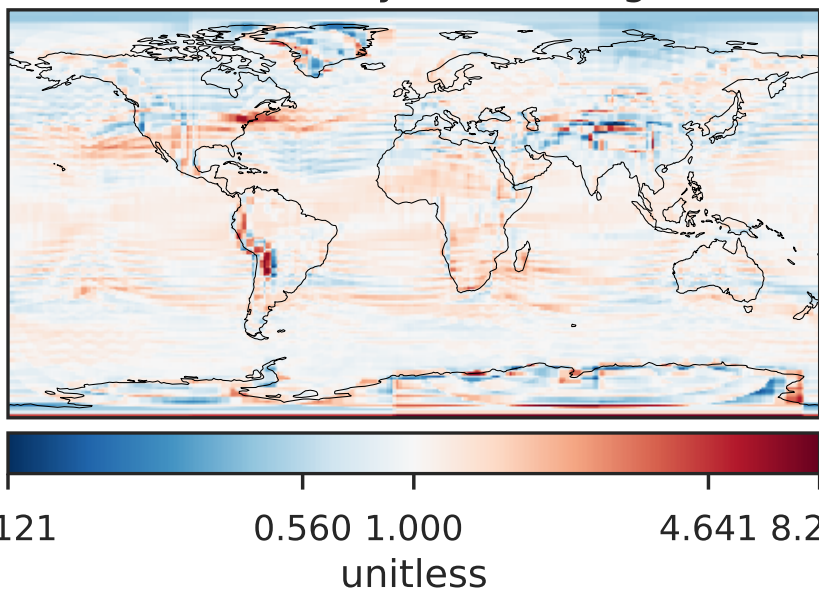
Difference (1x1.25)  
Dev - Ref, Dynamic Range



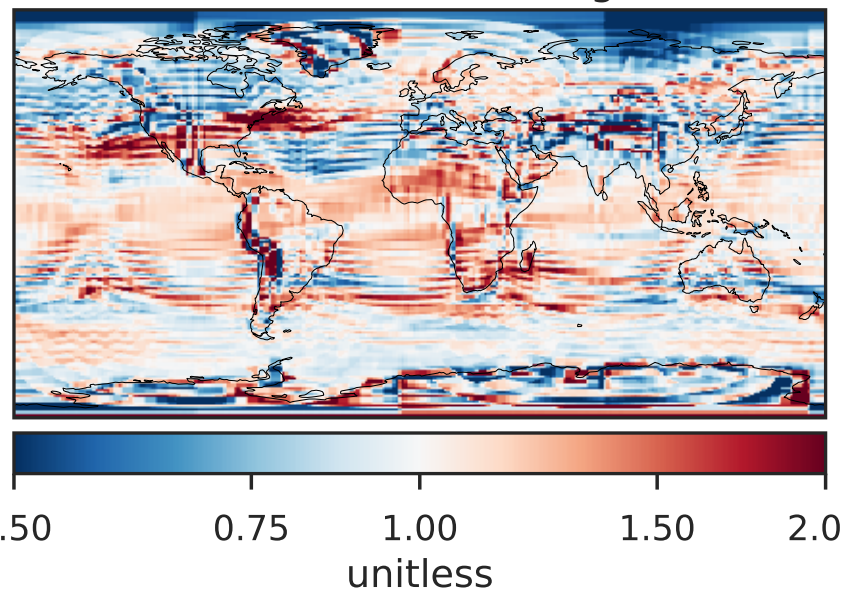
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

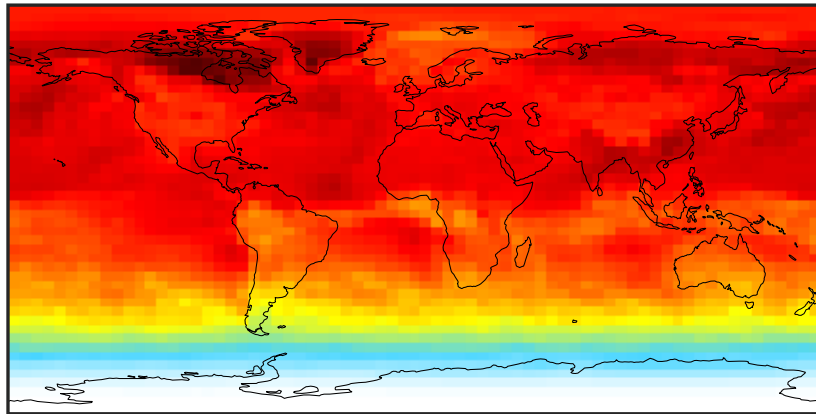


Ratio (1x1.25)  
Dev/Ref, Fixed Range



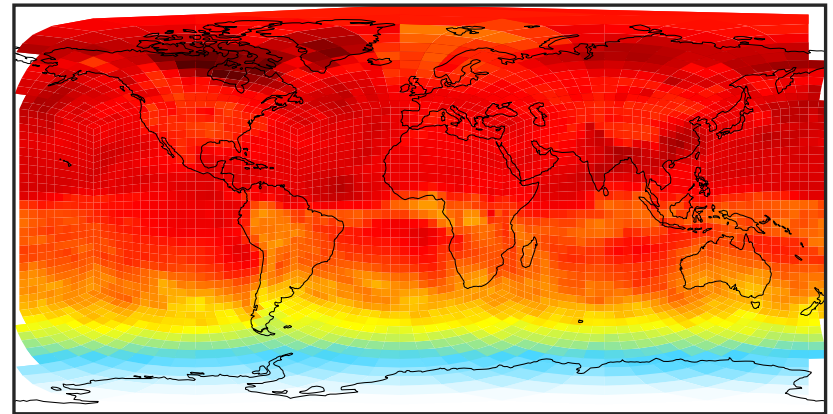
# Jval\_NO2 (Apr2019)

GCC\_14.2.0 (Ref)  
4.0x5.0



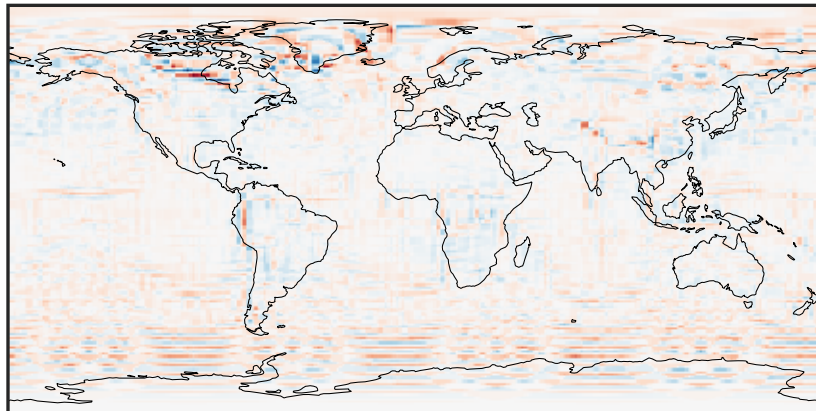
0.002 0.004 0.006  
s-1

GCHP\_14.2.0 (Dev)  
c24



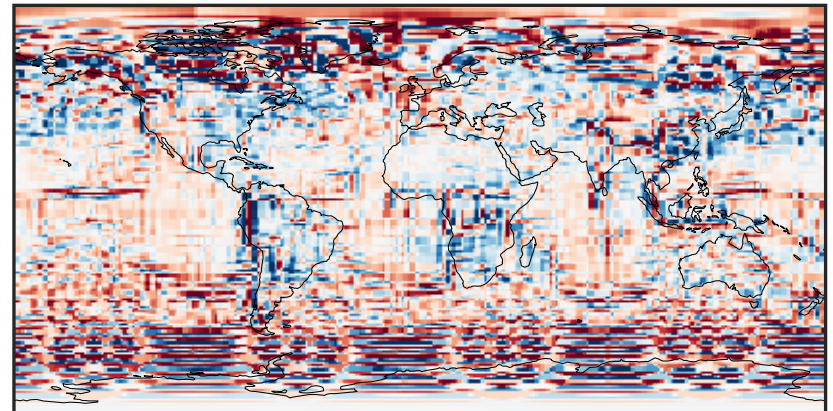
0.002 0.004 0.006  
s-1

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



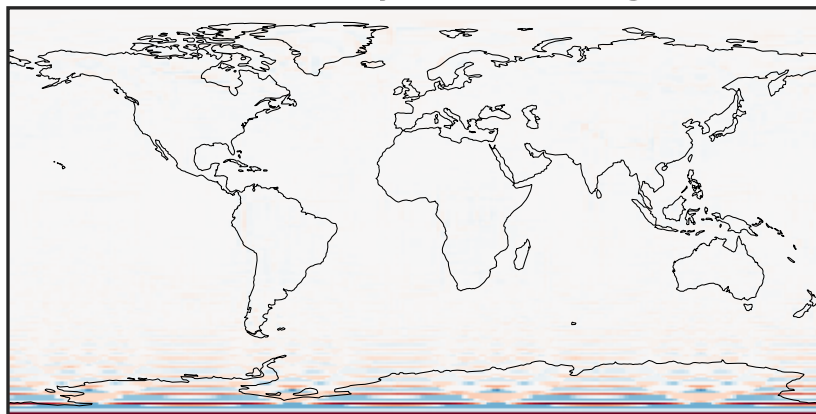
-0.0005 0.0000 0.0005  
s-1

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



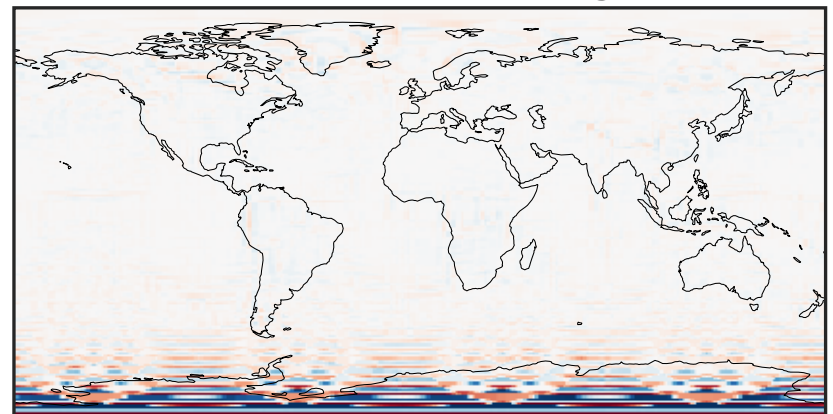
-0.0001 0.0000 0.0001  
s-1

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



0.219 0.610 1.000 2.779 4.559  
unitless

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

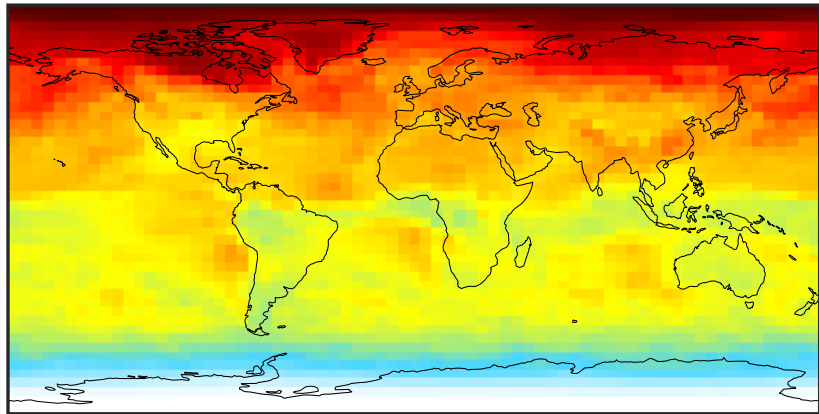


0.50 0.75 1.00 1.50 2.00  
unitless



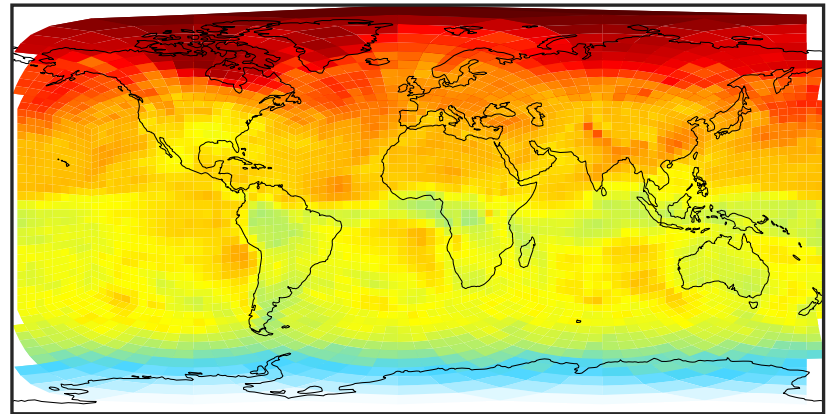
# Jval\_NO3 (Apr2019)

GCC\_14.2.0 (Ref)  
4.0x5.0



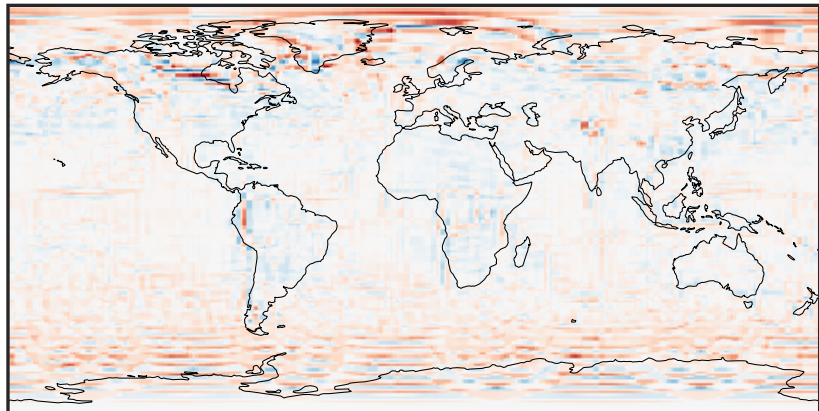
0.0000 0.0531 0.1062 0.1594 0.2125  
s-1

GCHP\_14.2.0 (Dev)  
c24



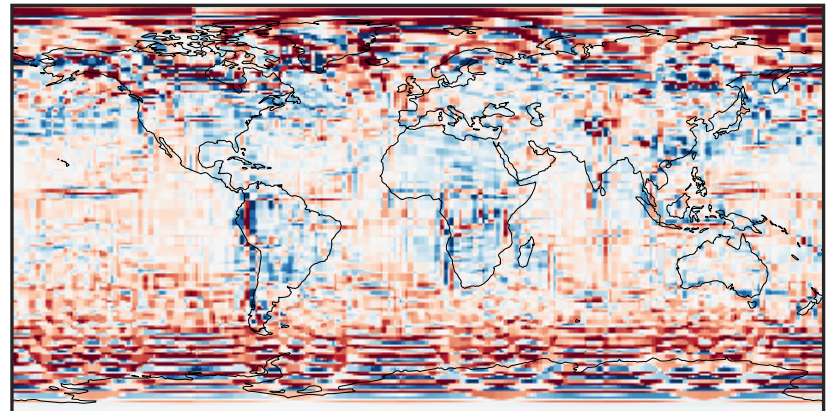
0.0000 0.0531 0.1062 0.1594 0.2125  
s-1

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



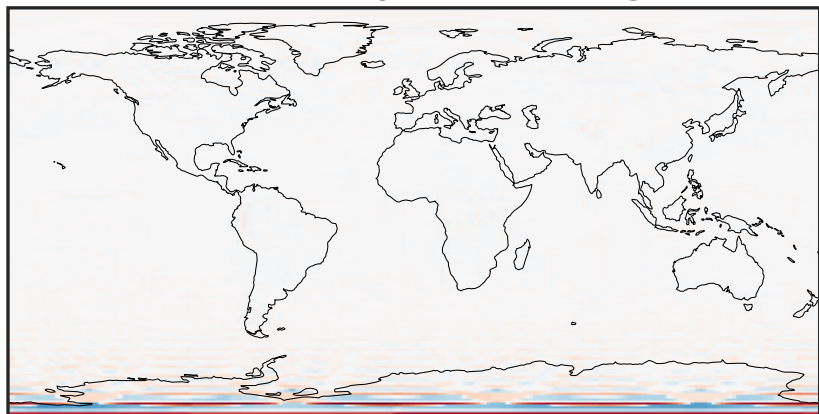
-0.015 0.000 0.015  
s-1

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



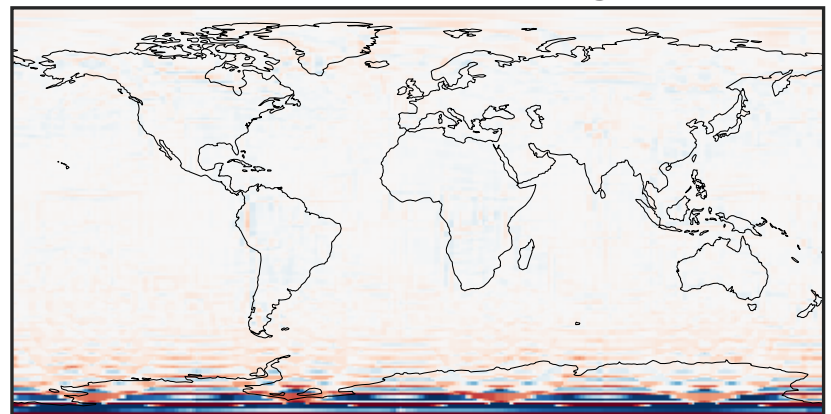
-0.004 0.000 0.004  
s-1

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



0.108 0.554 1.000 5.151 9.302  
unitless

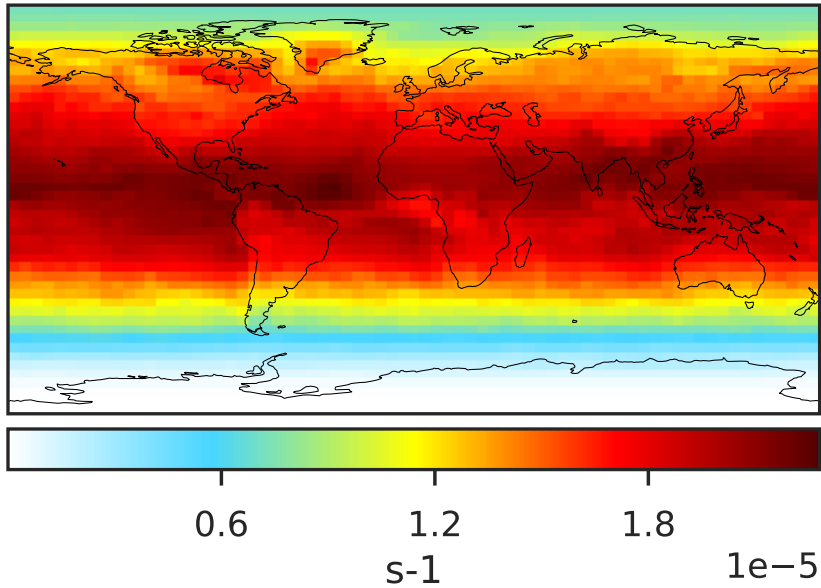
Ratio (1x1.25)  
Dev/Ref, Fixed Range



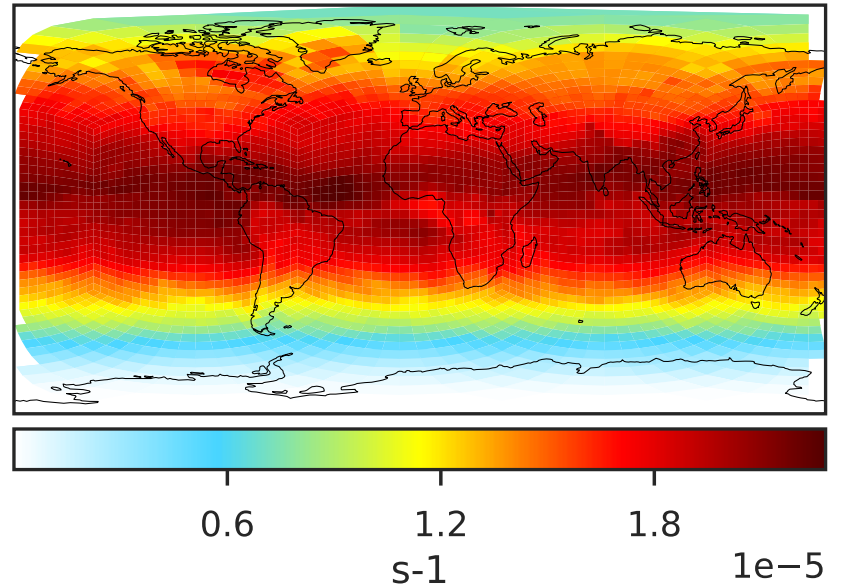
0.50 0.75 1.00 1.50 2.00  
unitless

# Jval\_NPHEN (Apr2019)

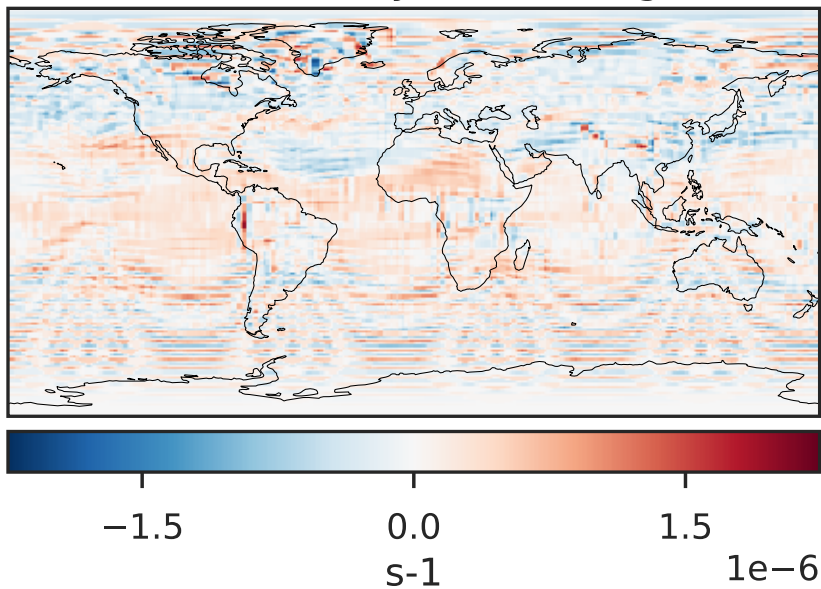
GCC\_14.2.0 (Ref)  
4.0x5.0



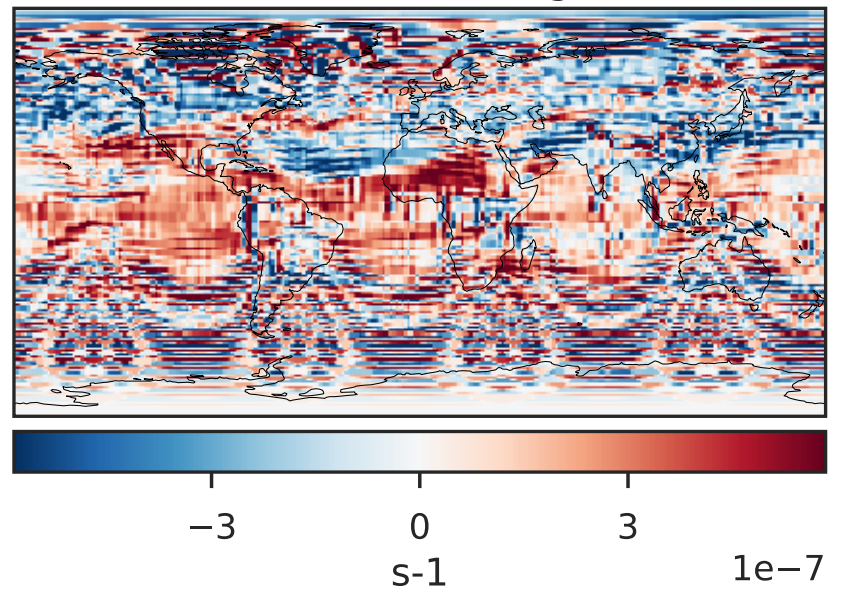
GCHP\_14.2.0 (Dev)  
c24



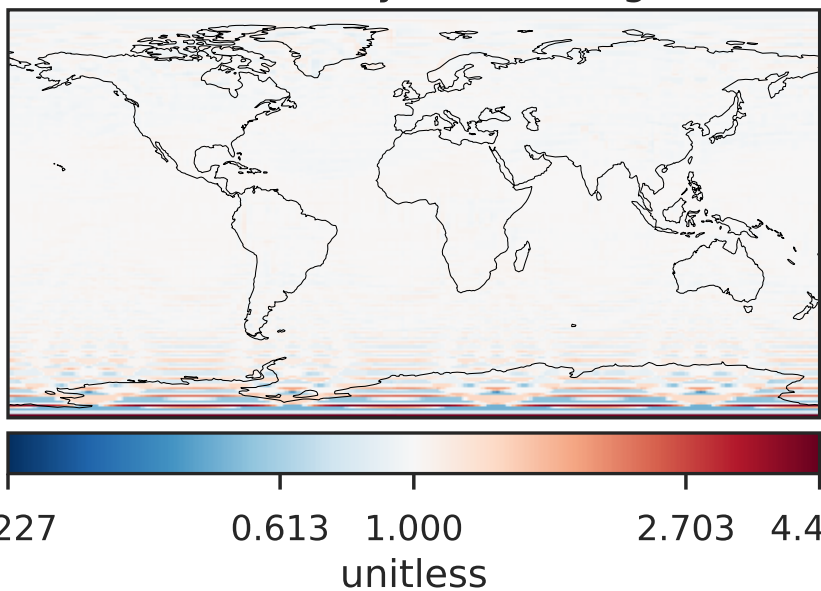
Difference (1x1.25)  
Dev - Ref, Dynamic Range



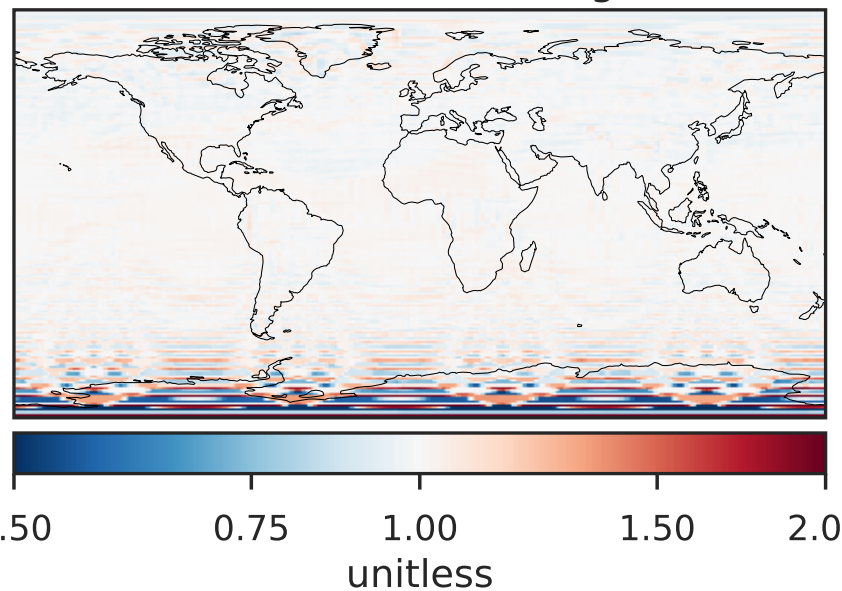
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



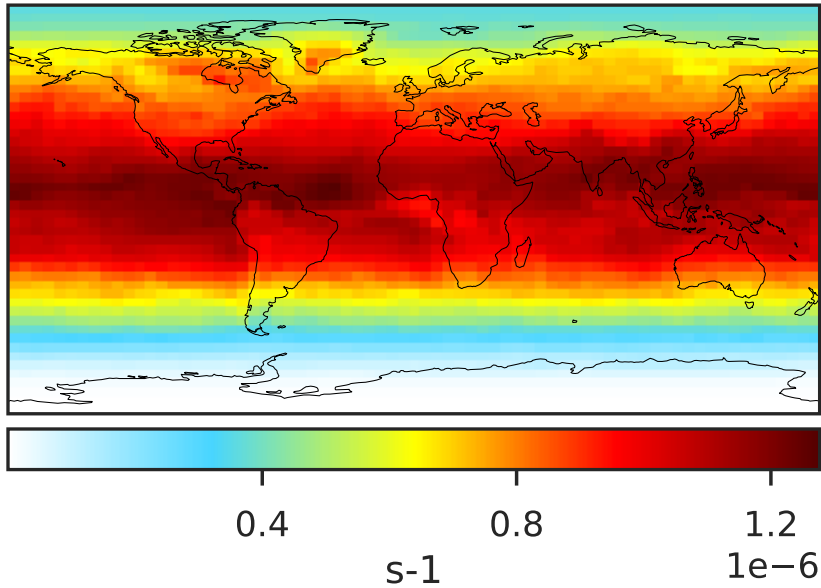
Ratio (1x1.25)  
Dev/Ref, Fixed Range



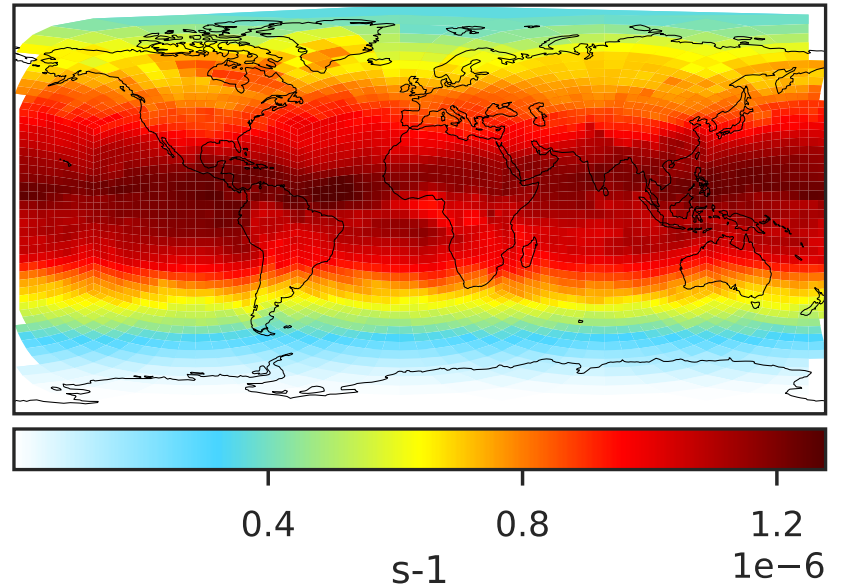


# Jval\_NPRNO3 (Apr2019)

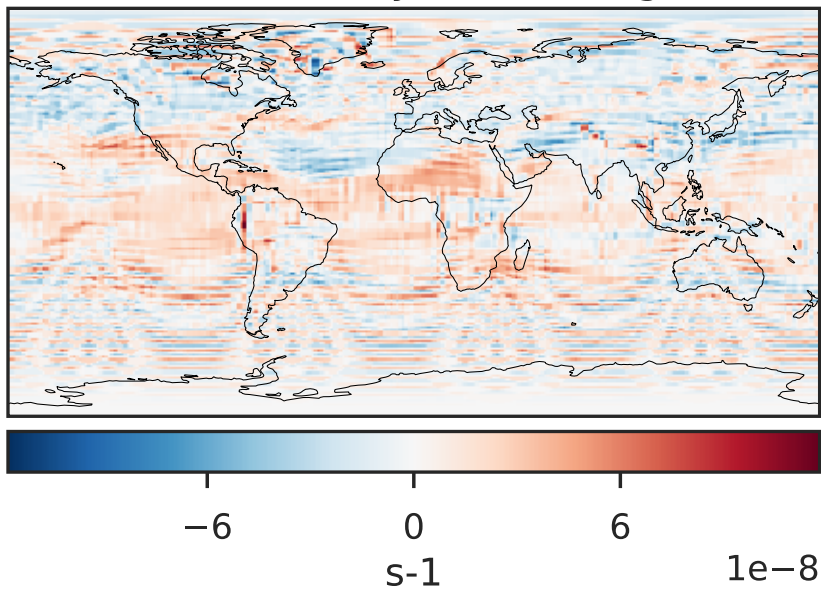
GCC\_14.2.0 (Ref)  
4.0x5.0



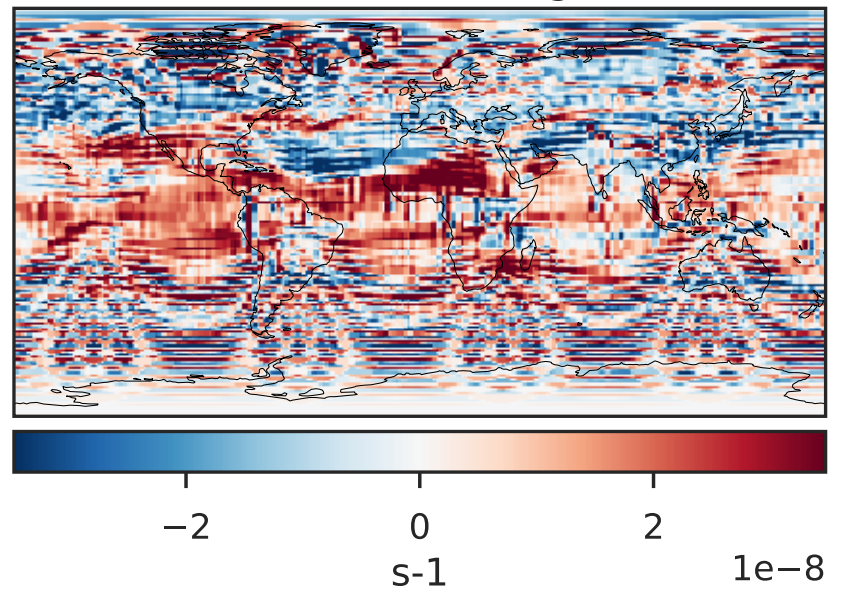
GCHP\_14.2.0 (Dev)  
c24



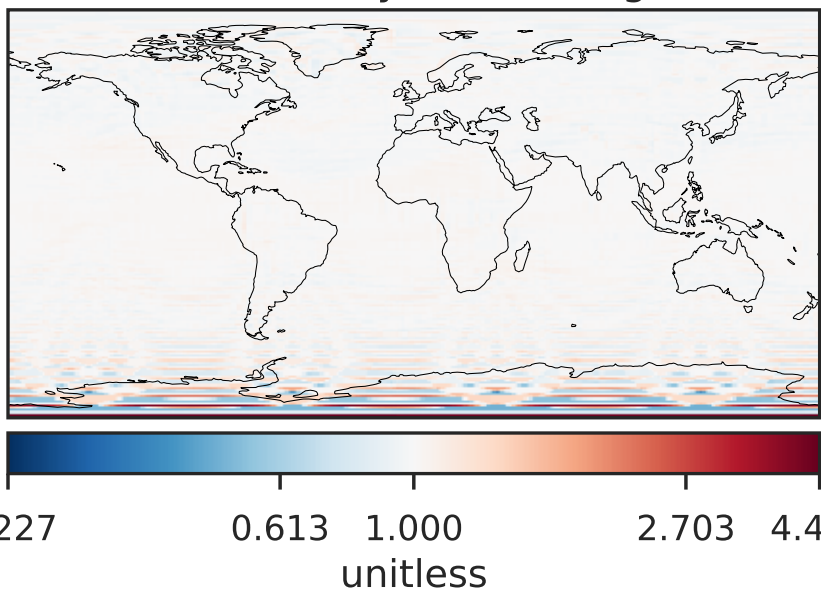
Difference (1x1.25)  
Dev - Ref, Dynamic Range



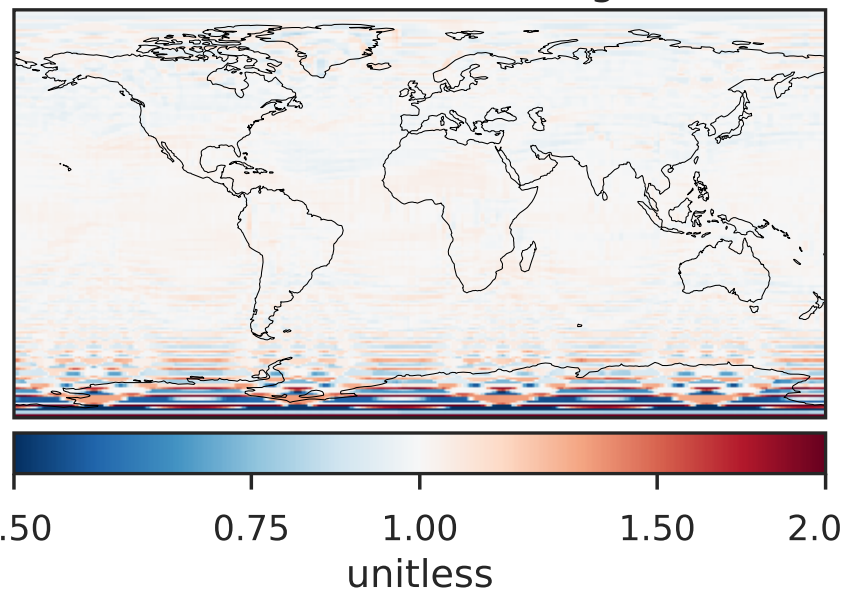
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

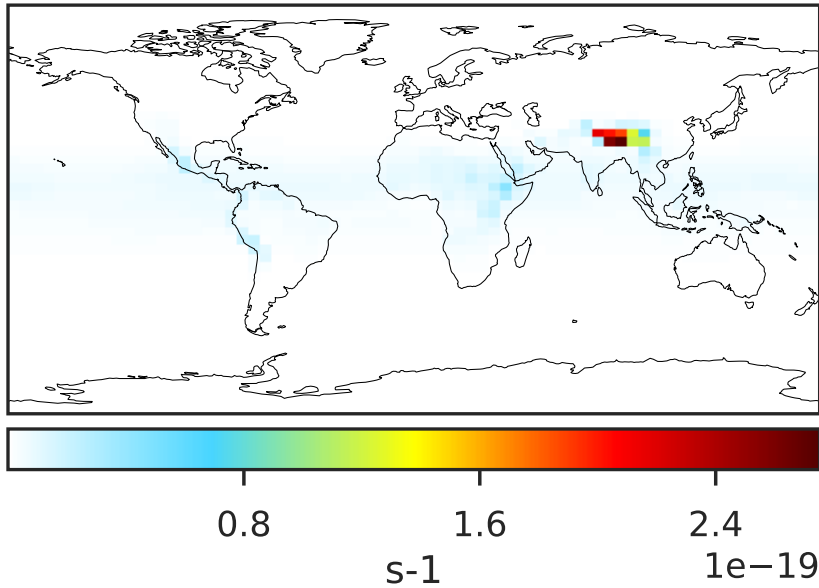


Ratio (1x1.25)  
Dev/Ref, Fixed Range

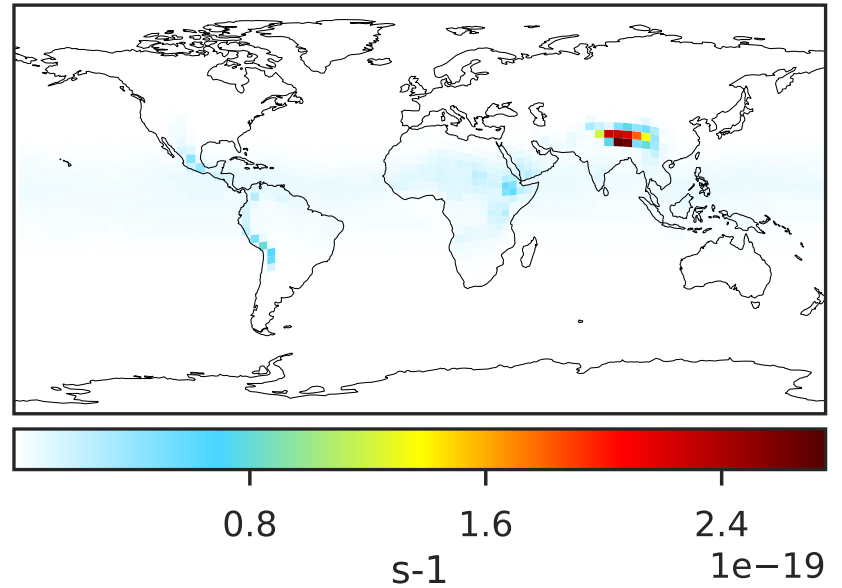


# Jval\_O2 (Apr2019)

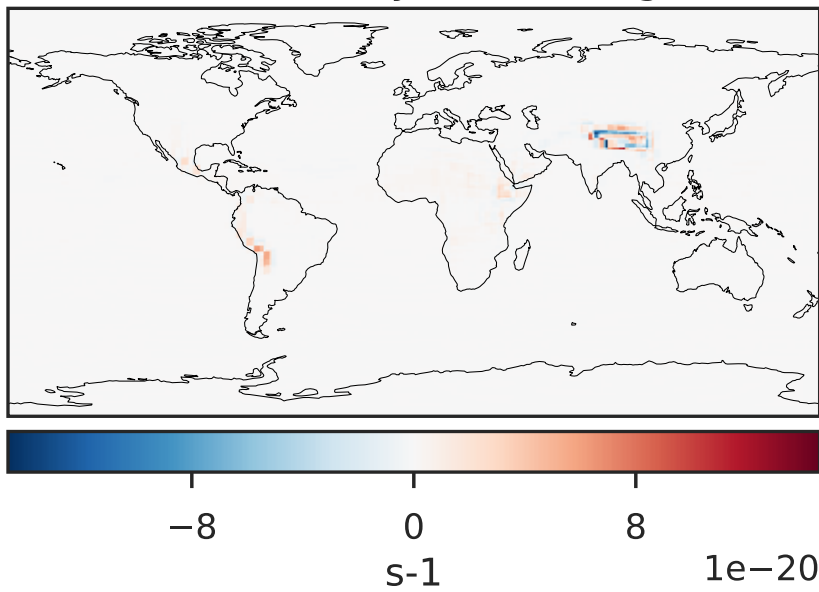
GCC\_14.2.0 (Ref)  
4.0x5.0



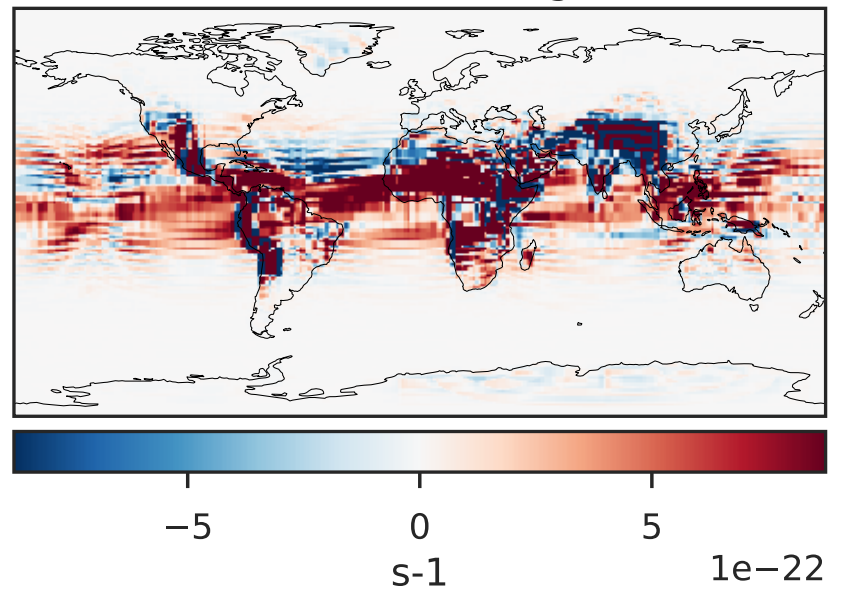
GCHP\_14.2.0 (Dev)  
c24



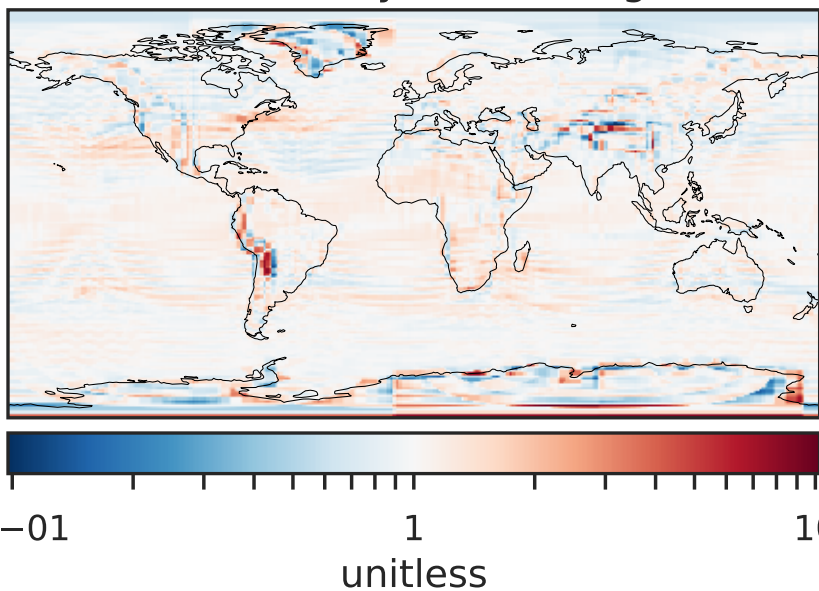
Difference (1x1.25)  
Dev - Ref, Dynamic Range



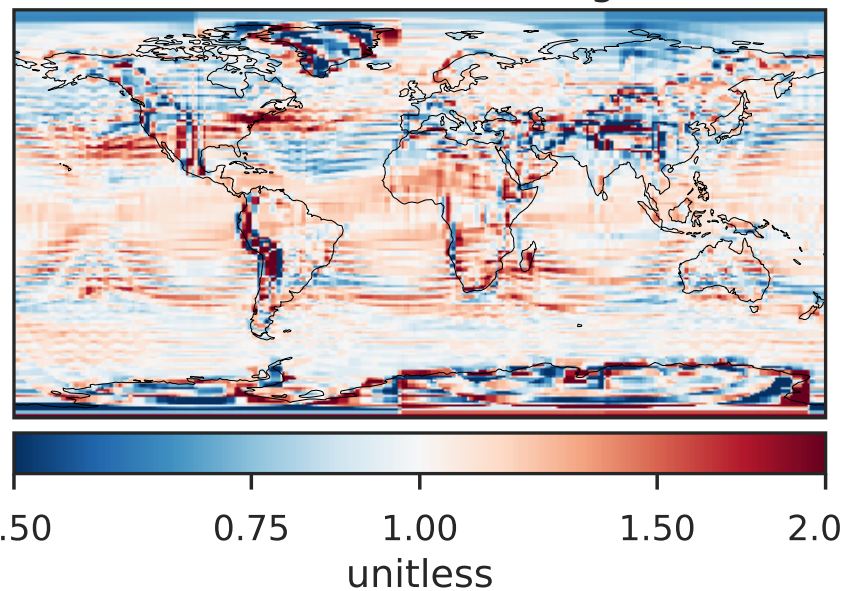
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



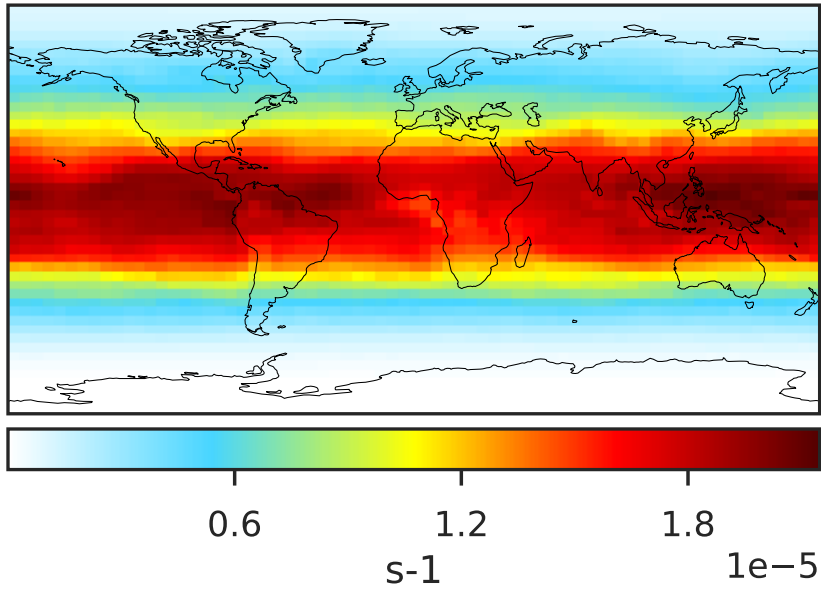
Ratio (1x1.25)  
Dev/Ref, Fixed Range



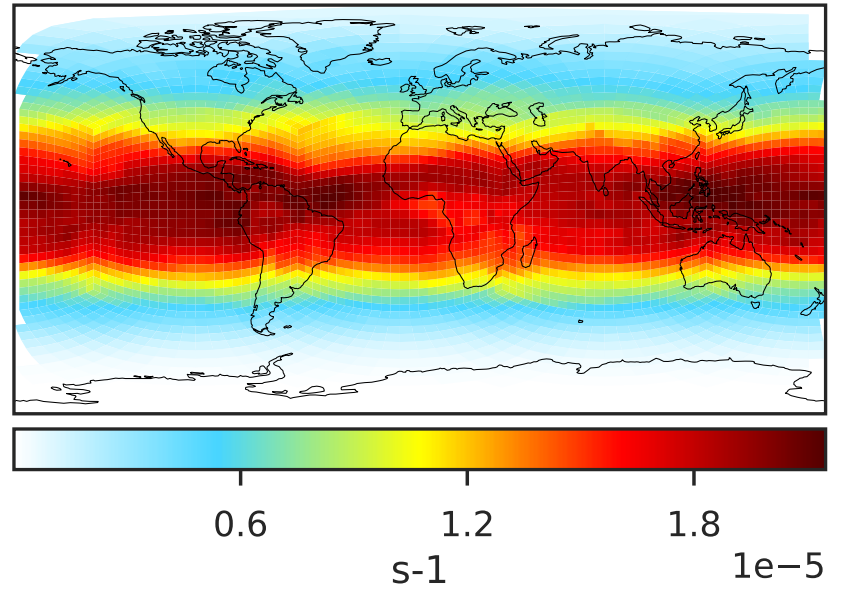


# Jval\_O3 (Apr2019)

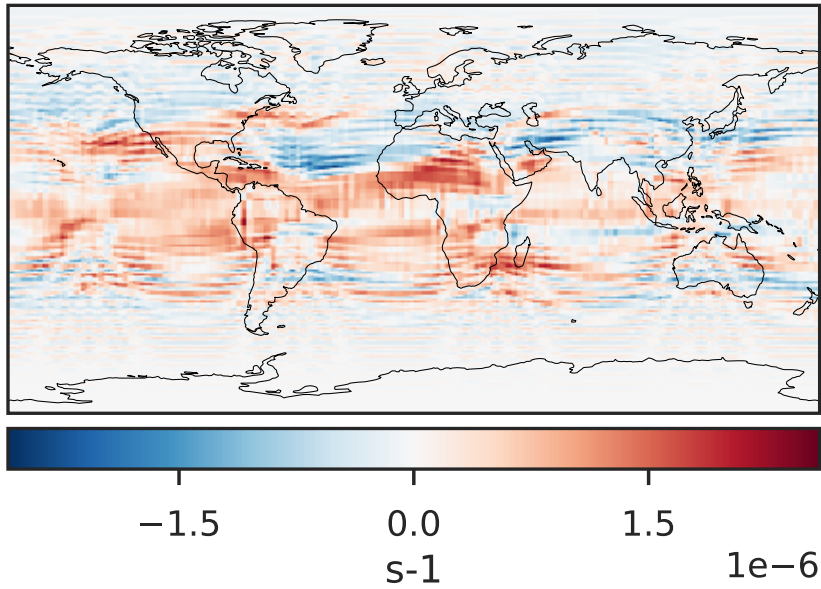
GCC\_14.2.0 (Ref)  
4.0x5.0



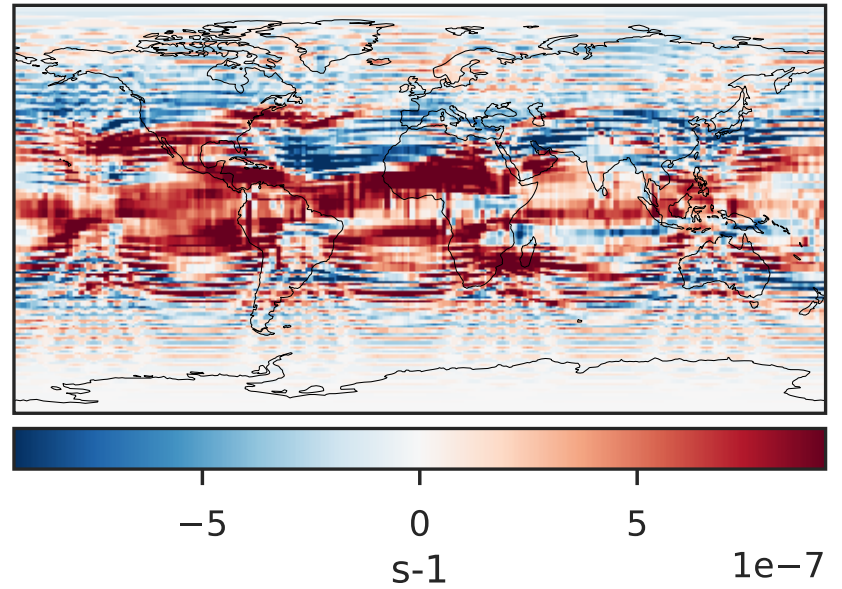
GCHP\_14.2.0 (Dev)  
c24



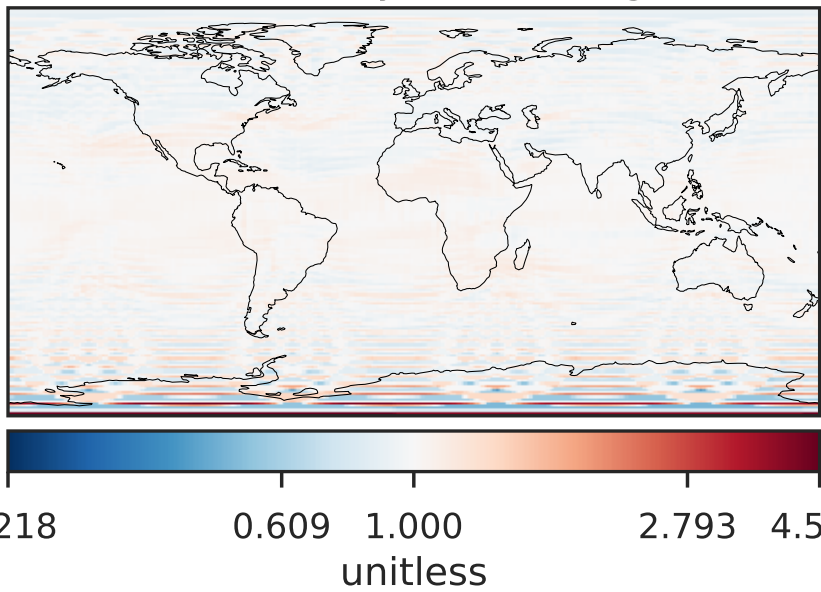
Difference (1x1.25)  
Dev - Ref, Dynamic Range



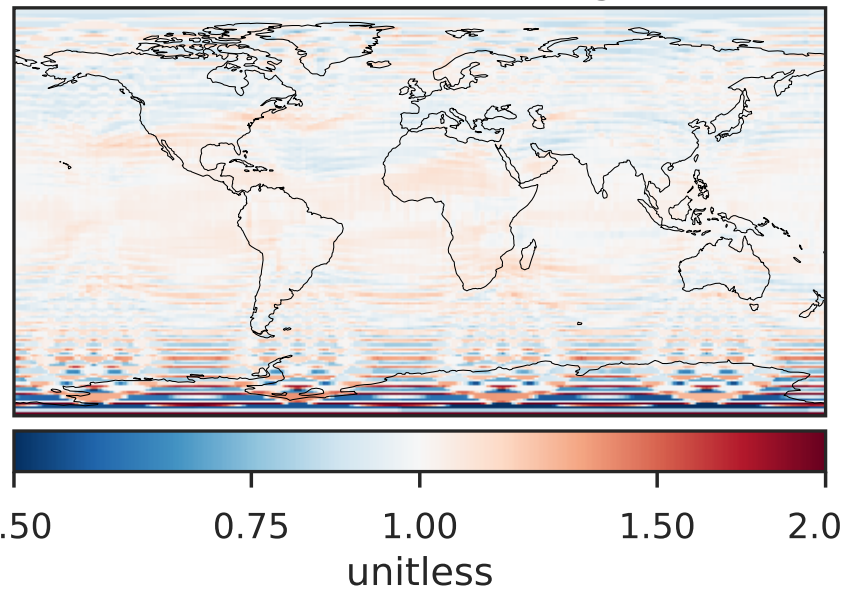
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

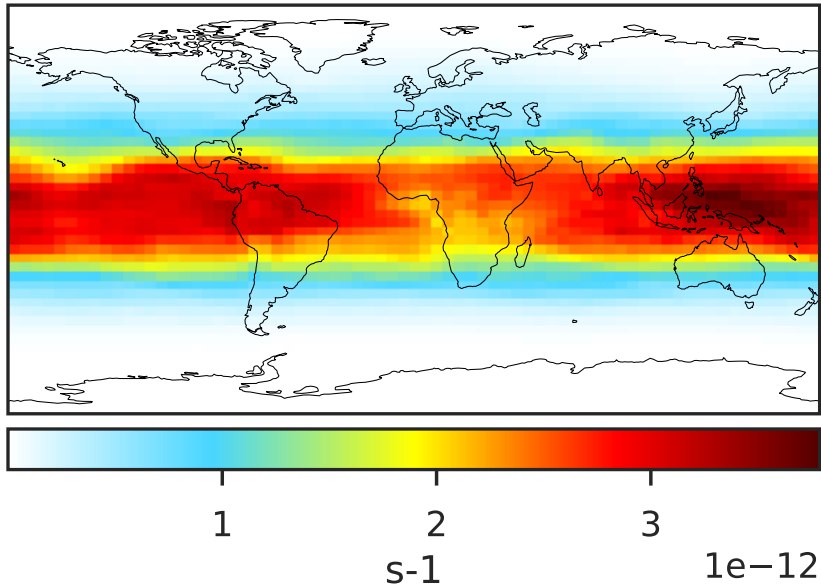


Ratio (1x1.25)  
Dev/Ref, Fixed Range

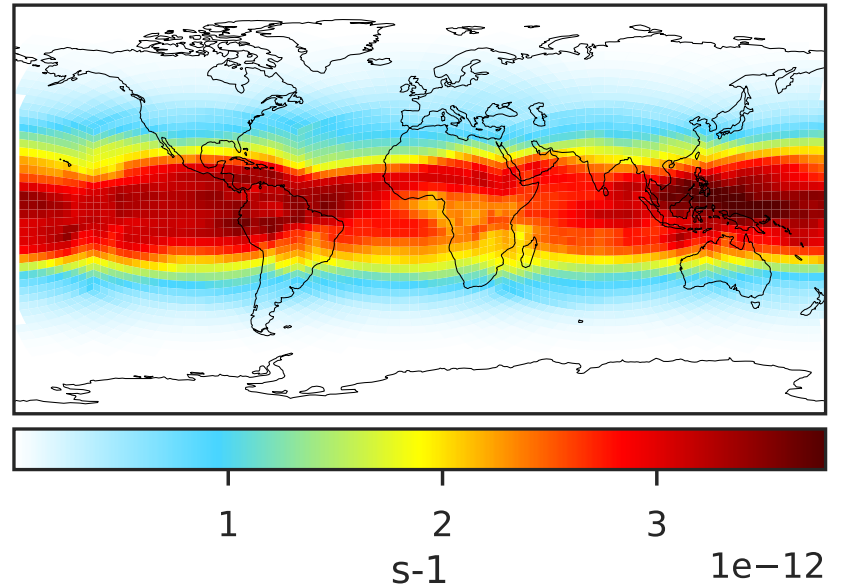


# Jval\_OCS (Apr2019)

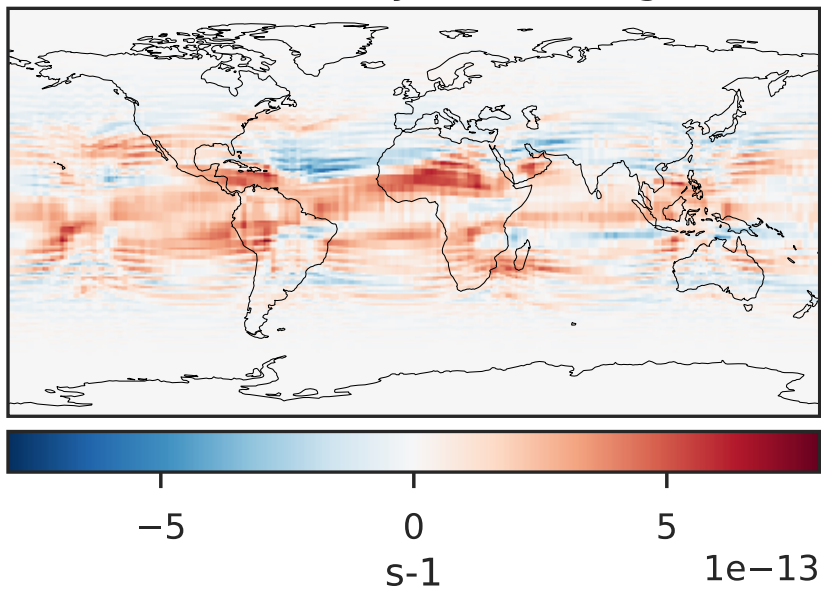
GCC\_14.2.0 (Ref)  
4.0x5.0



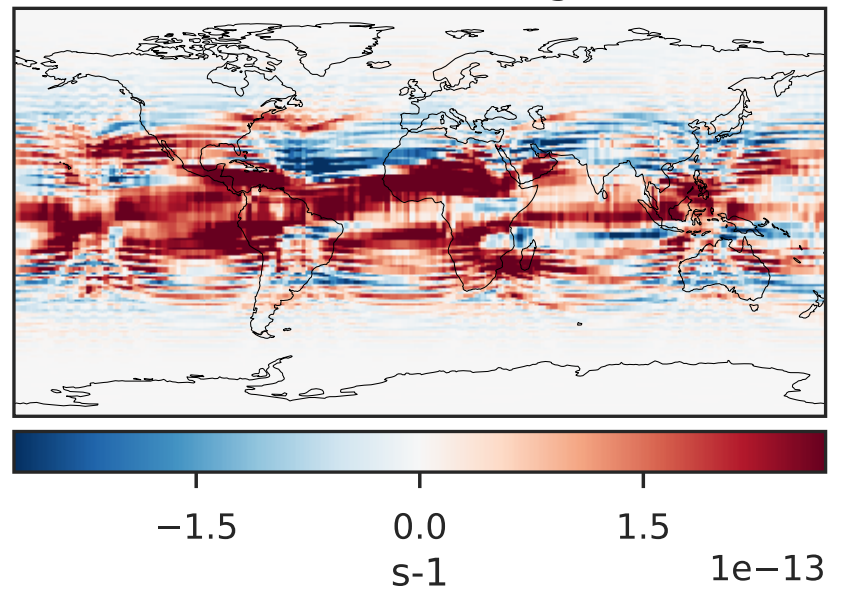
GCHP\_14.2.0 (Dev)  
c24



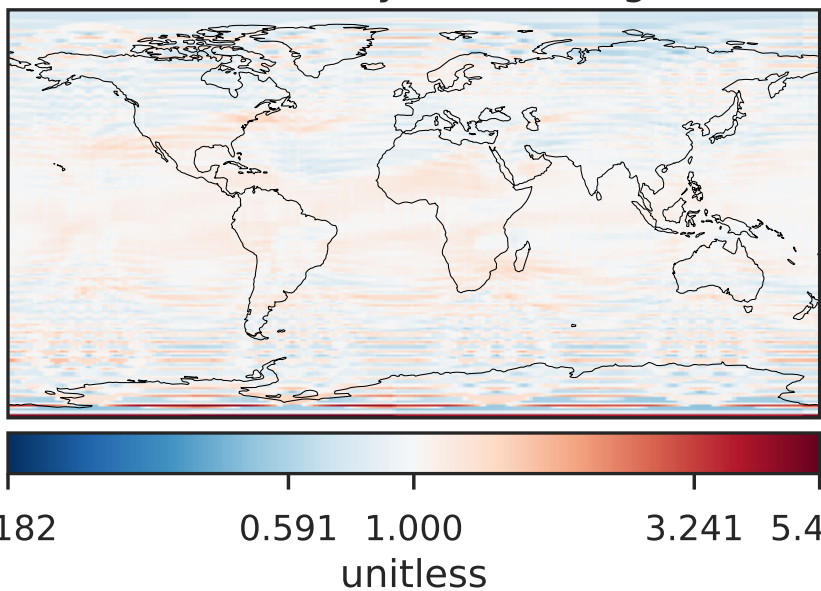
Difference (1x1.25)  
Dev - Ref, Dynamic Range



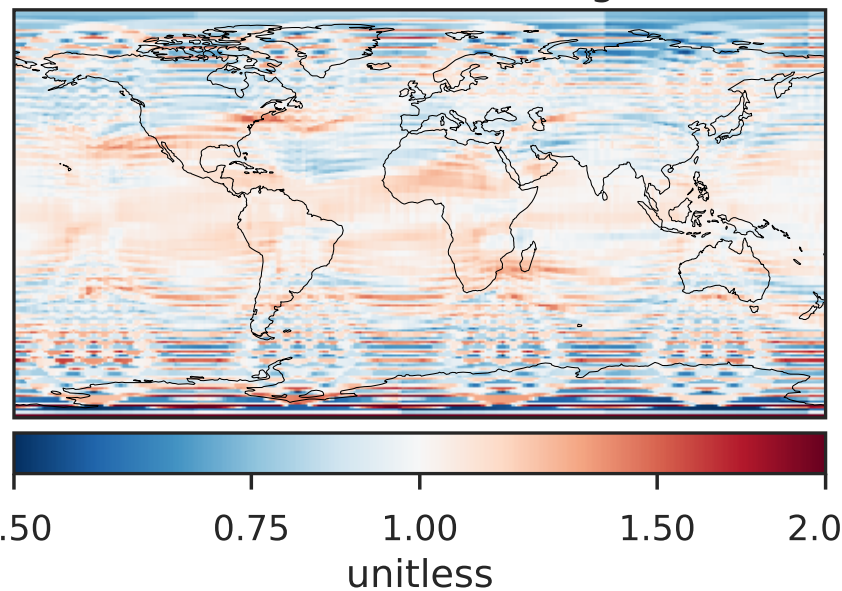
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



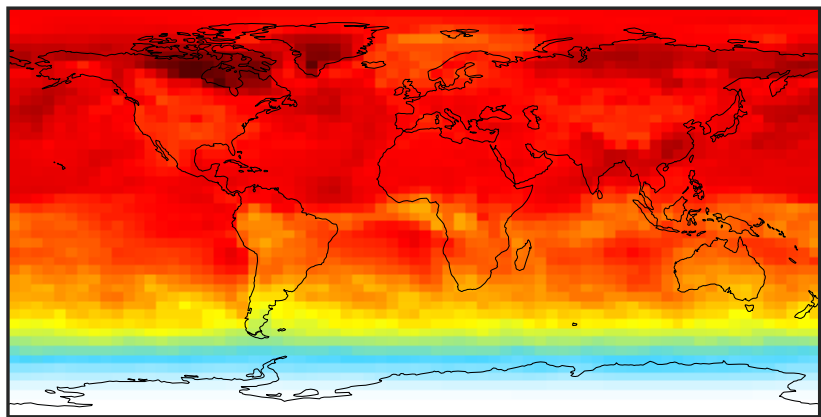
Ratio (1x1.25)  
Dev/Ref, Fixed Range





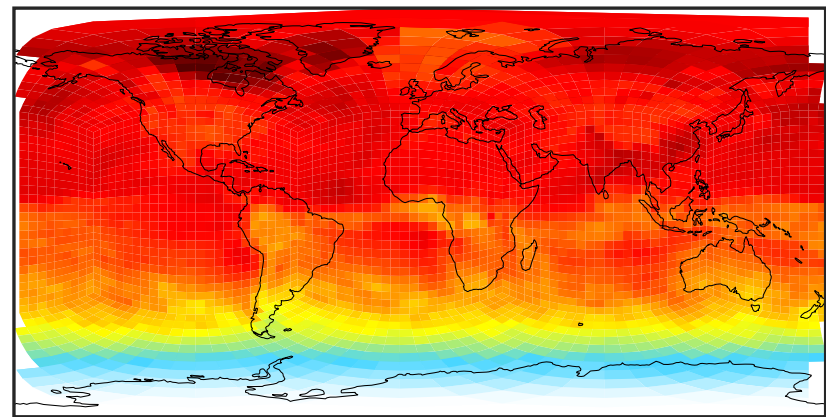
# Jval\_OCIO (Apr2019)

GCC\_14.2.0 (Ref)  
4.0x5.0



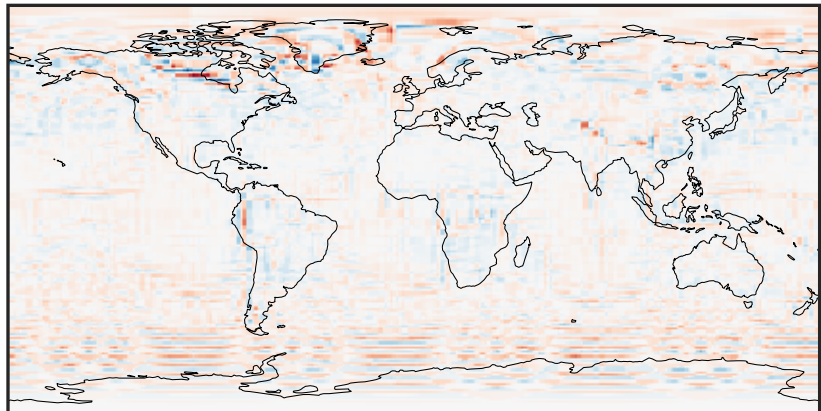
0.02 0.04 0.06  
s-1

GCHP\_14.2.0 (Dev)  
c24



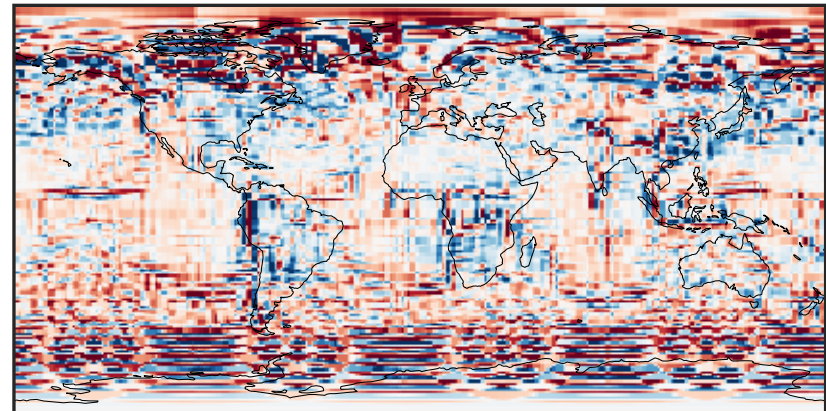
0.02 0.04 0.06  
s-1

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



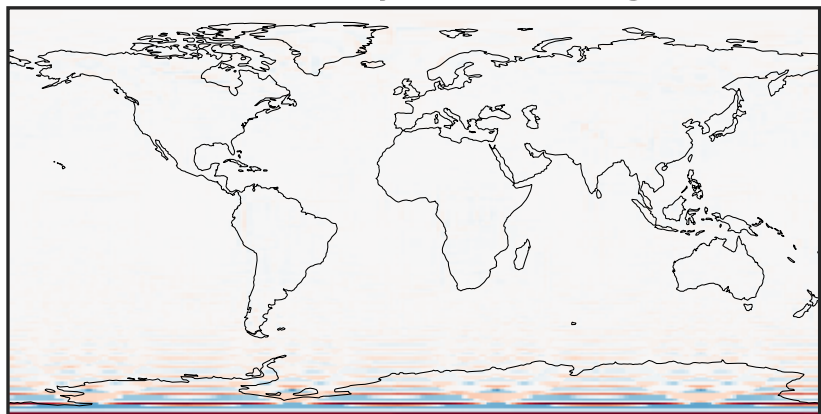
-0.005 0.000 0.005  
s-1

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



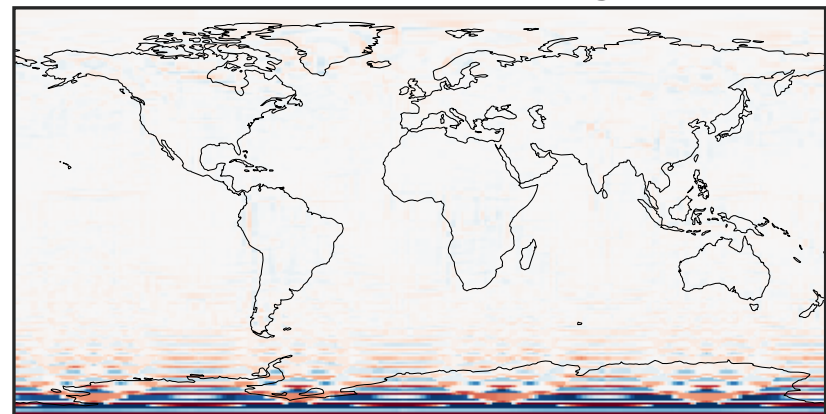
-0.001 0.000 0.001  
s-1

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



0.206 0.603 1.000 2.931 4.862  
unitless

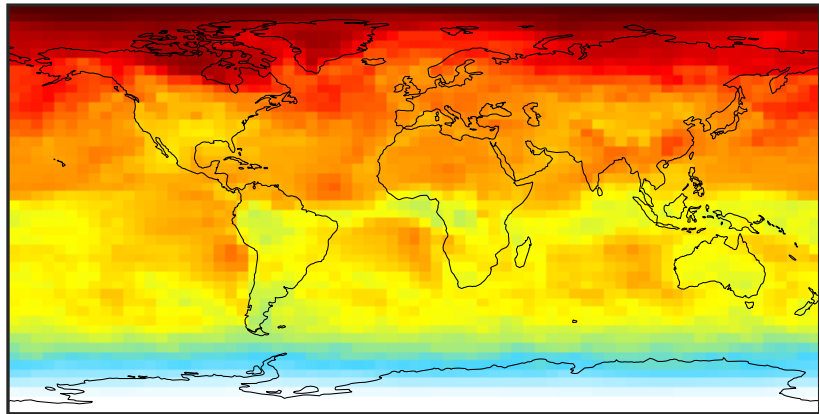
Ratio (1x1.25)  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

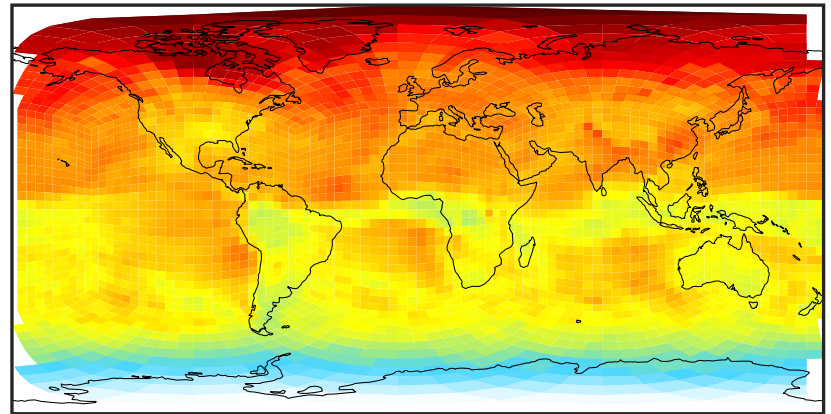
# Jval\_OIO (Apr2019)

GCC\_14.2.0 (Ref)  
4.0x5.0



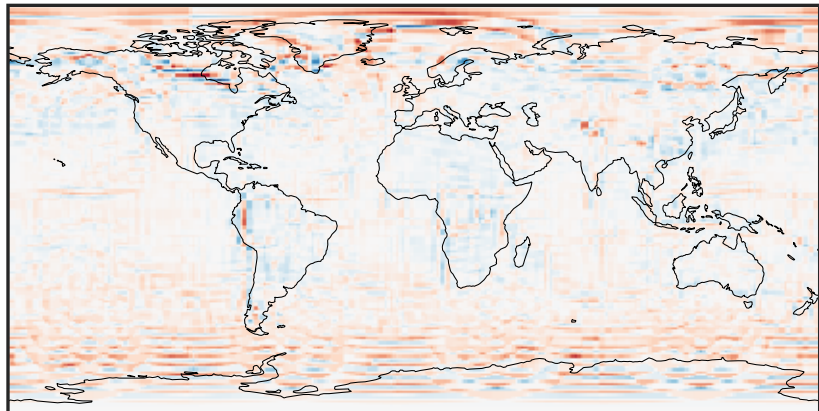
0.0000 0.0511 0.1022 0.1533 0.2044  
s-1

GCHP\_14.2.0 (Dev)  
c24



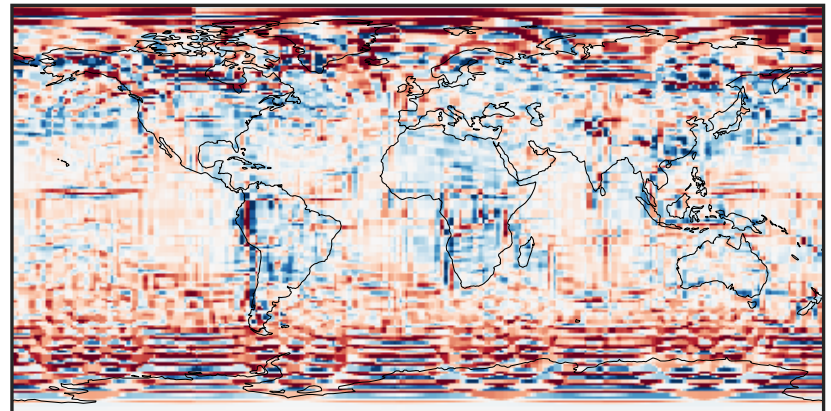
0.0000 0.0511 0.1022 0.1533 0.2044  
s-1

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



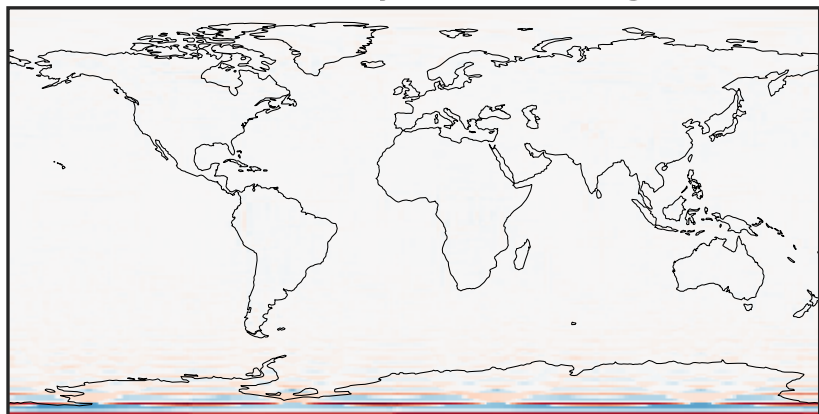
-0.015 0.000 0.015  
s-1

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



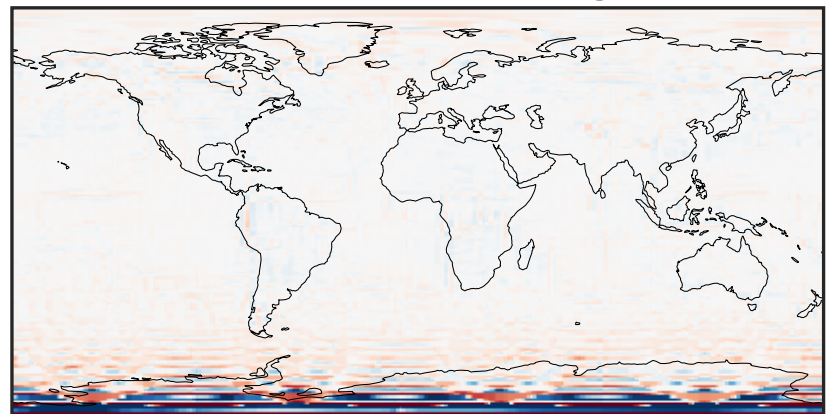
-0.004 0.000 0.004  
s-1

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



0.107 0.553 1.000 5.195 9.389  
unitless

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

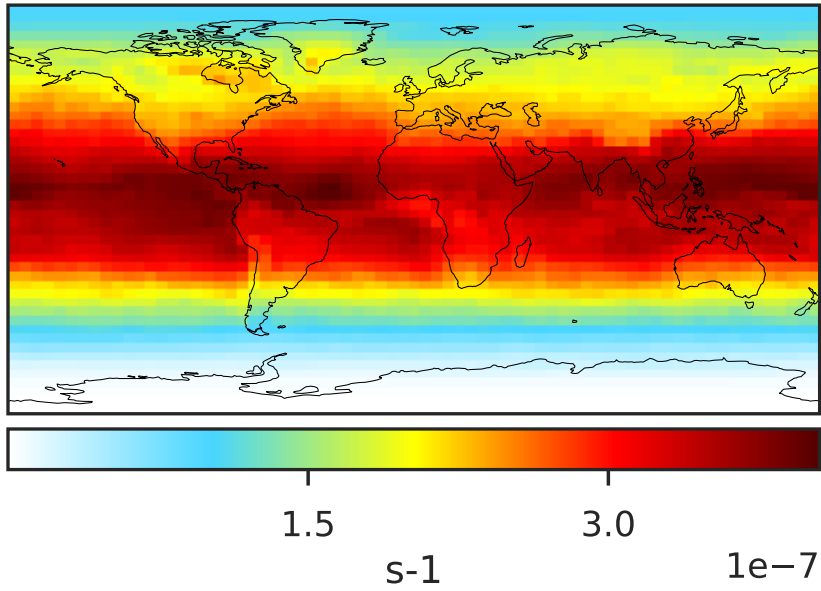


0.50 0.75 1.00 1.50 2.00  
unitless

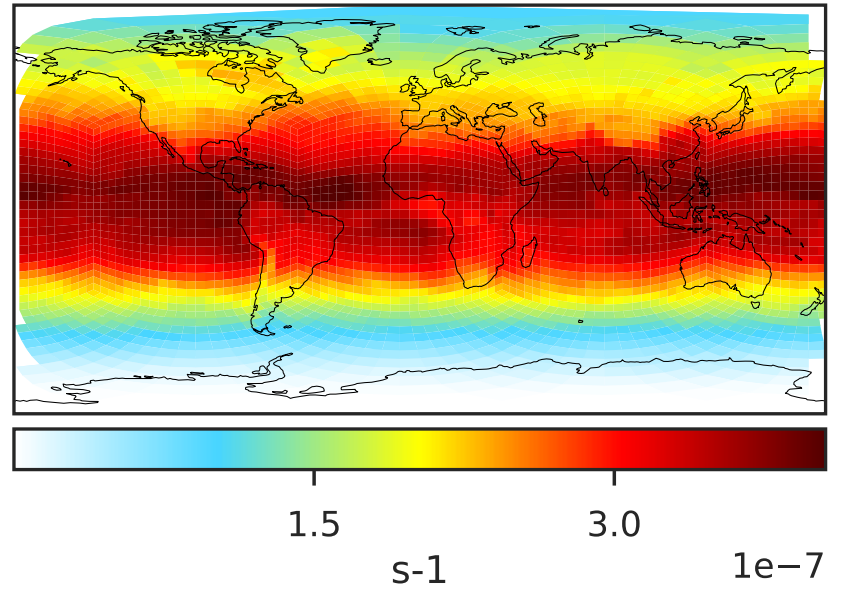


# Jval\_PAN (Apr2019)

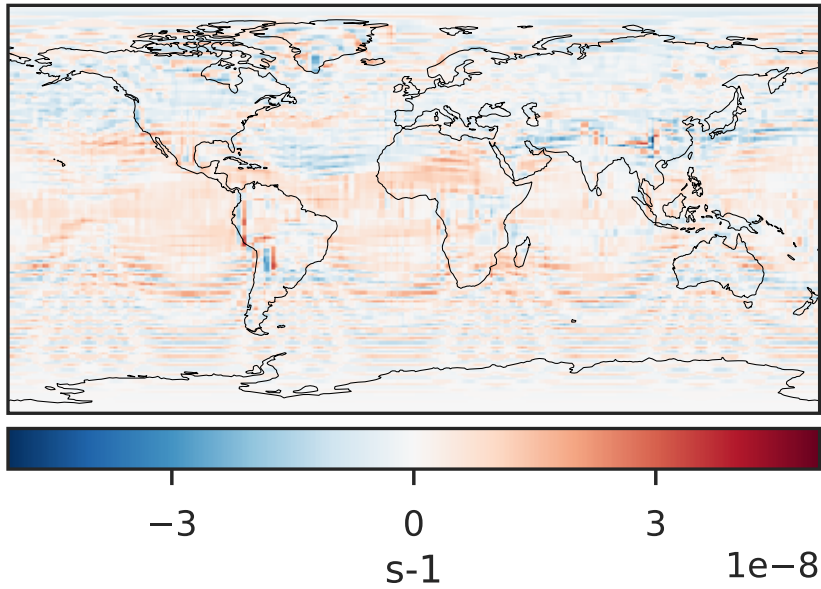
GCC\_14.2.0 (Ref)  
4.0x5.0



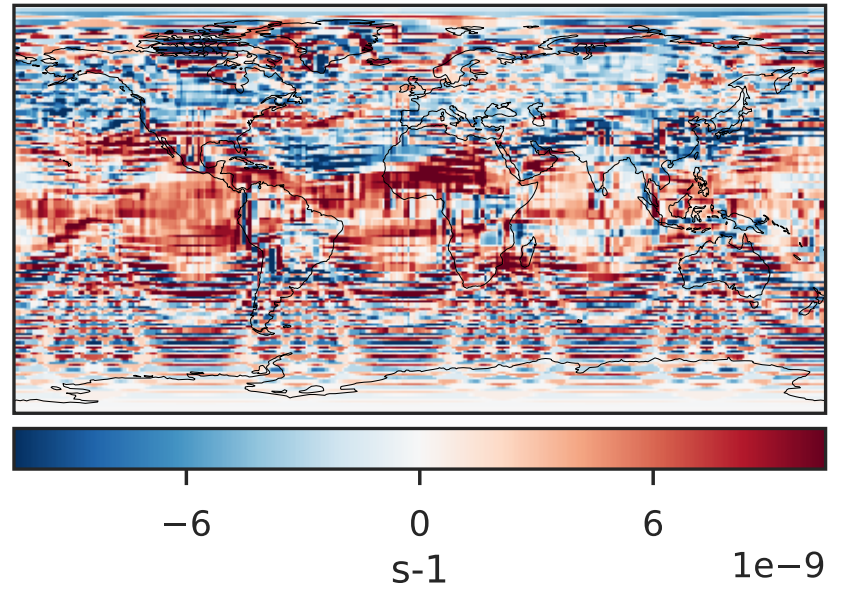
GCHP\_14.2.0 (Dev)  
c24



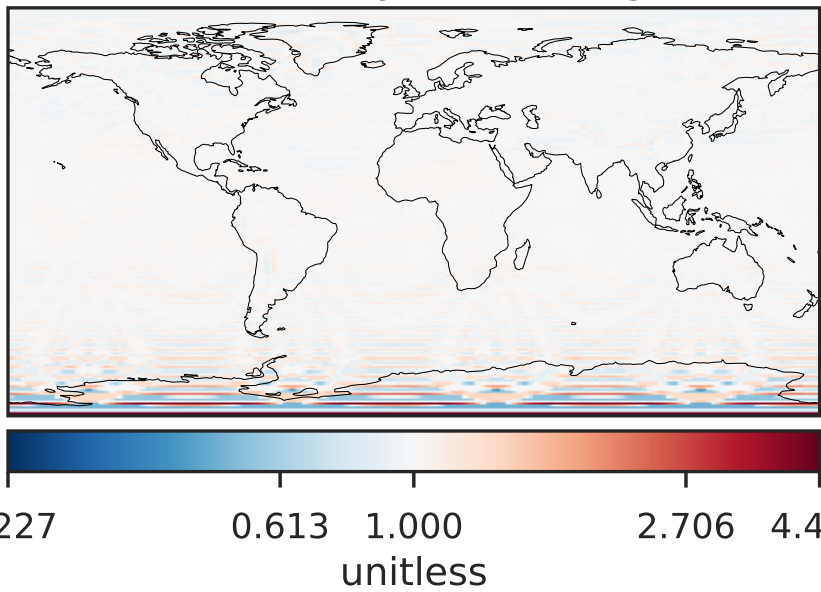
Difference (1x1.25)  
Dev - Ref, Dynamic Range



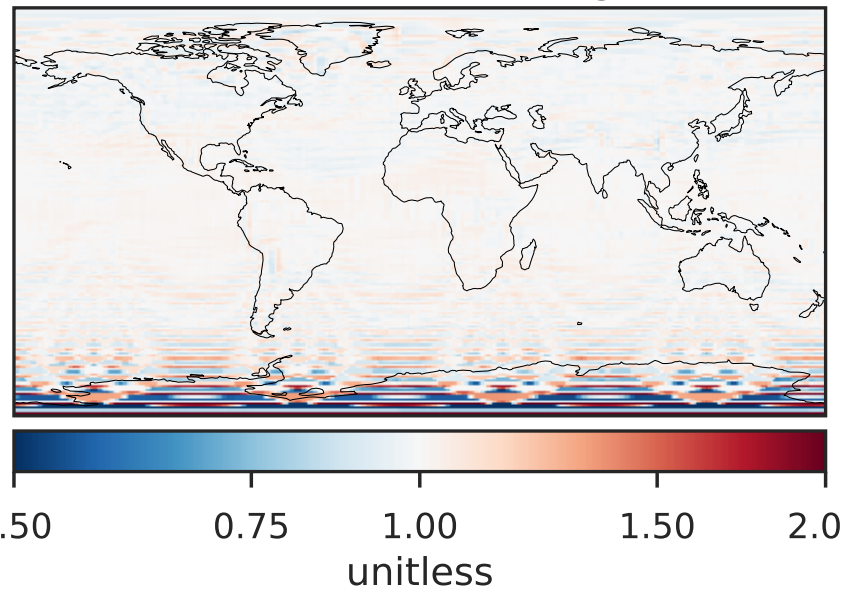
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

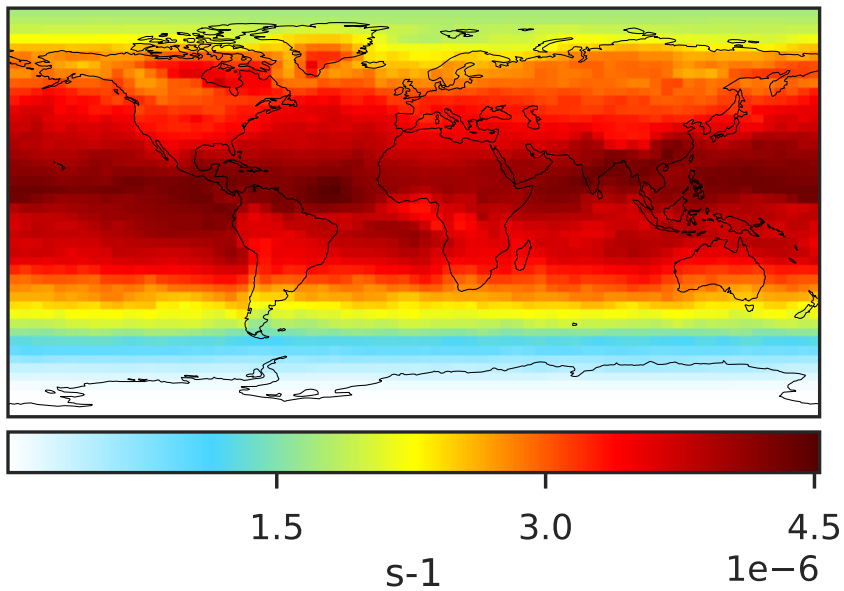


Ratio (1x1.25)  
Dev/Ref, Fixed Range

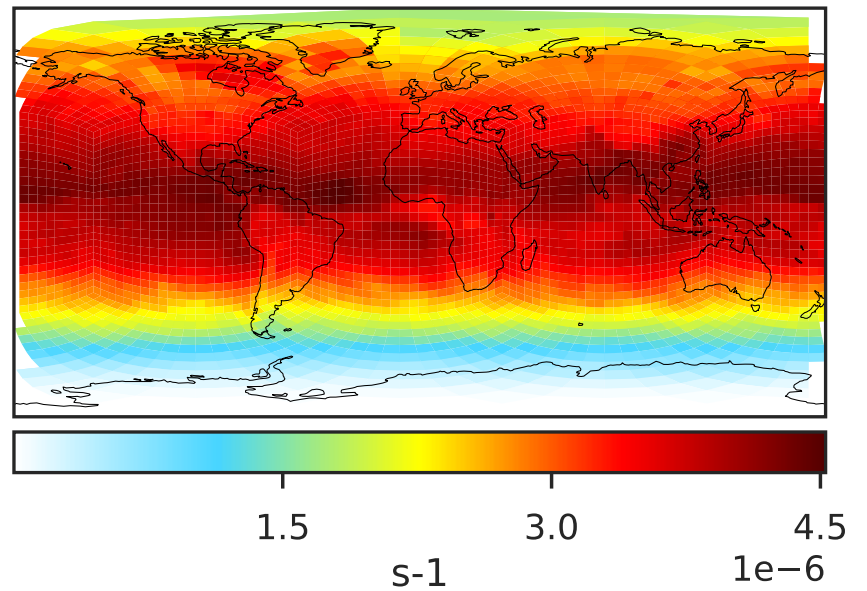


# Jval\_PIP (Apr2019)

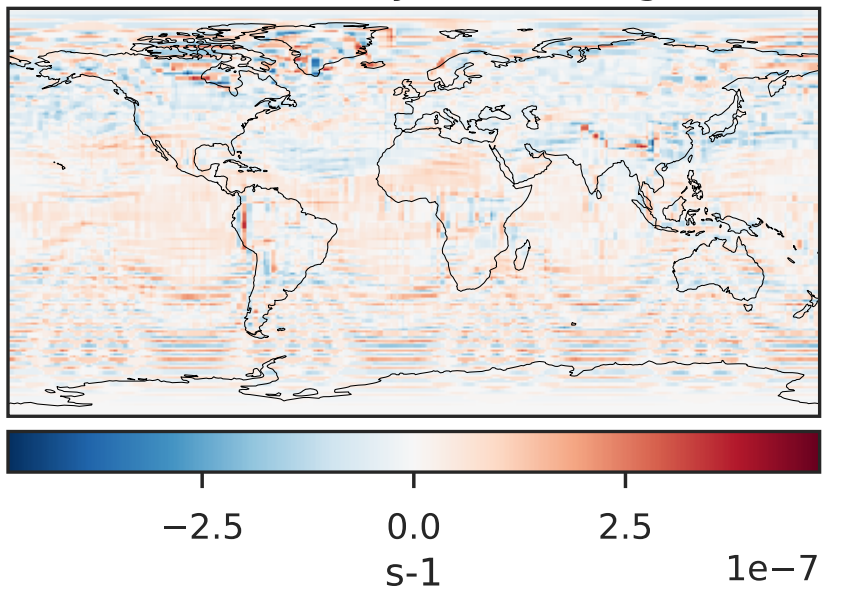
GCC\_14.2.0 (Ref)  
4.0x5.0



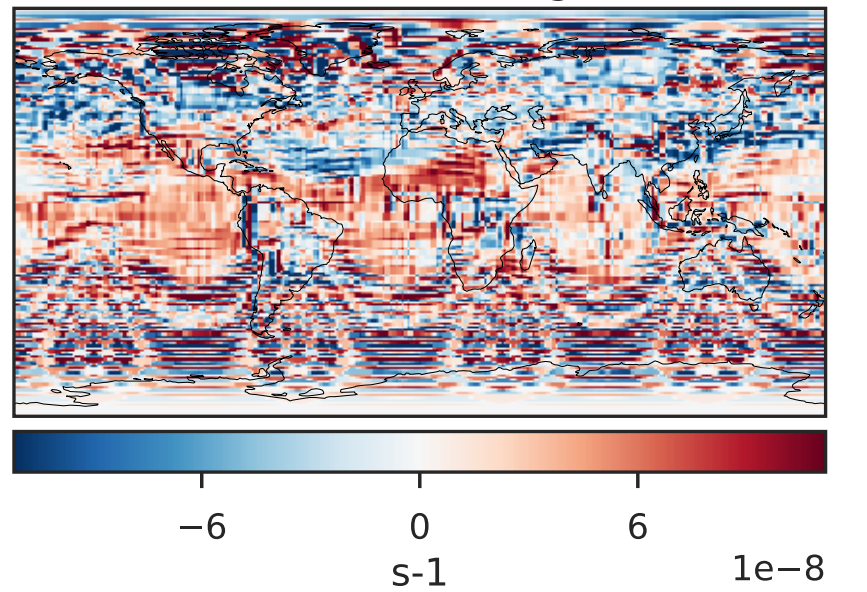
GCHP\_14.2.0 (Dev)  
c24



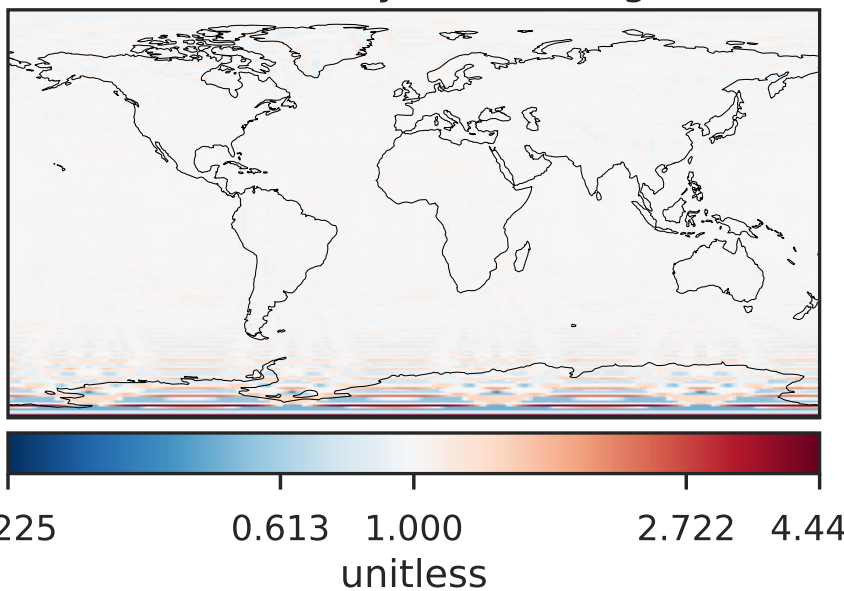
Difference (1x1.25)  
Dev - Ref, Dynamic Range



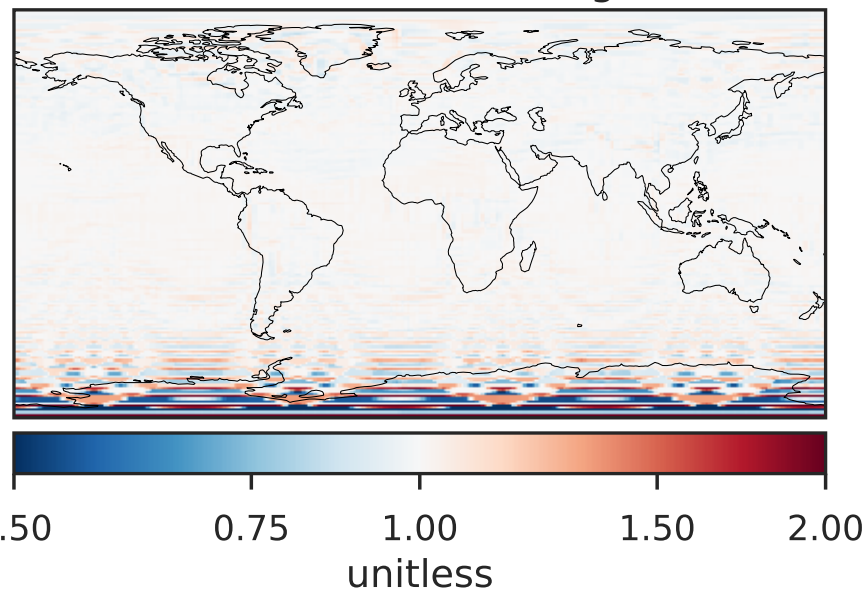
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



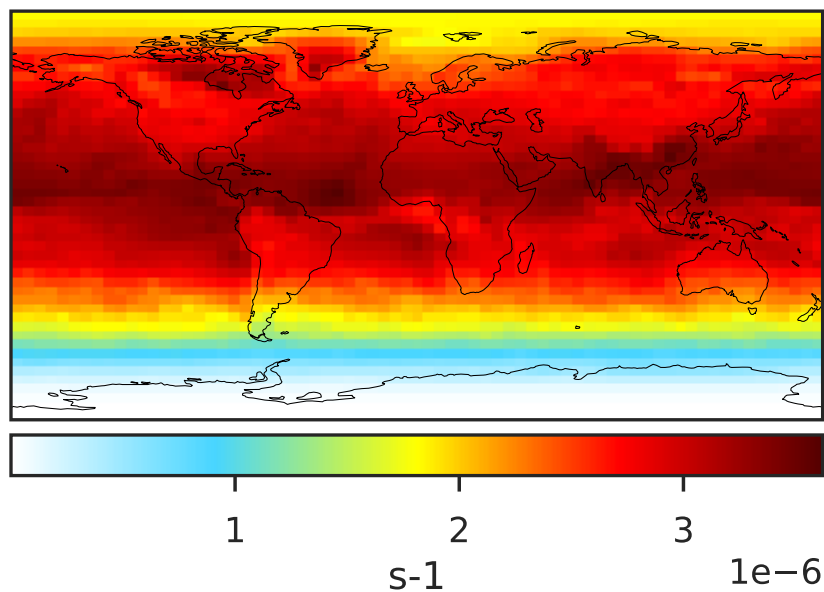
Ratio (1x1.25)  
Dev/Ref, Fixed Range



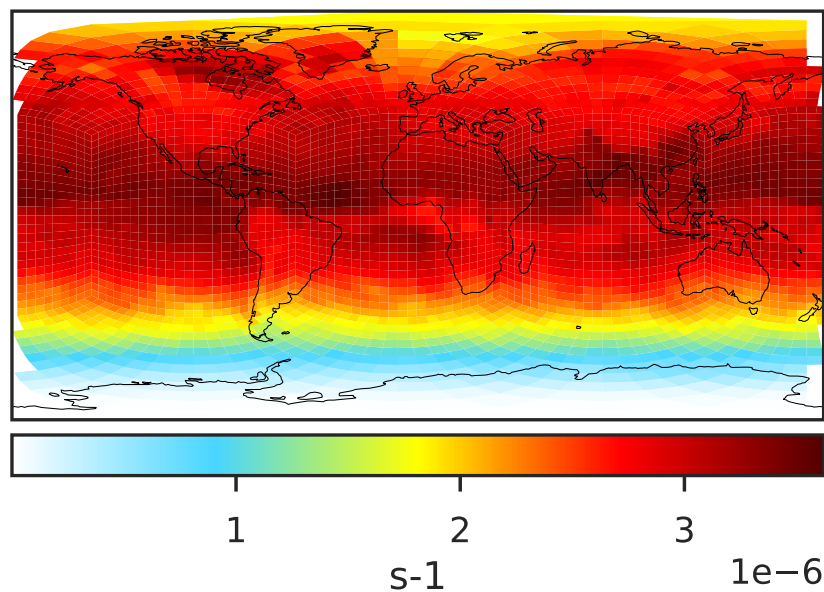


# Jval\_PP (Apr2019)

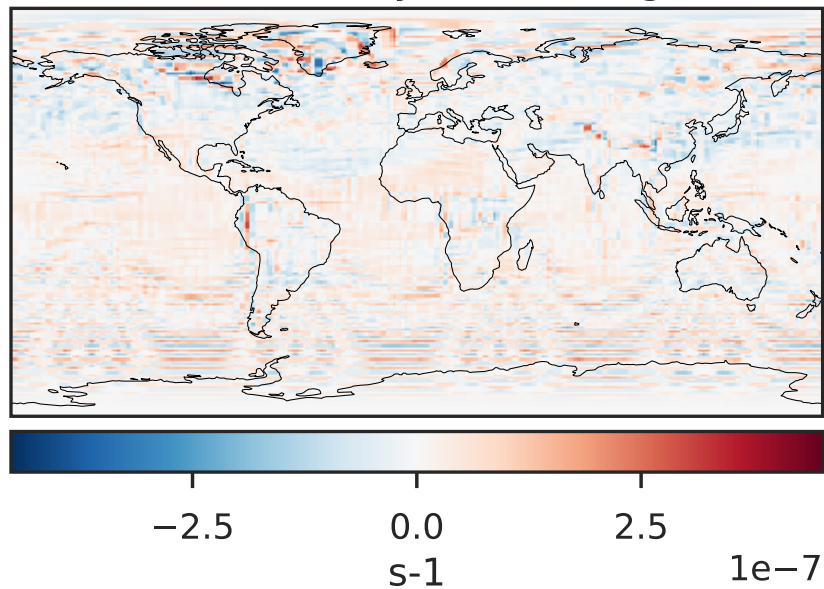
GCC\_14.2.0 (Ref)  
4.0x5.0



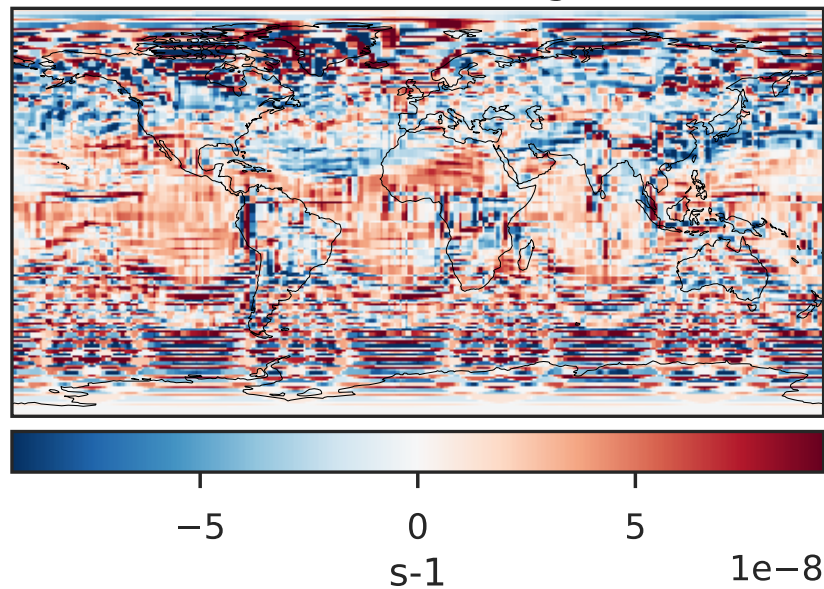
GCHP\_14.2.0 (Dev)  
c24



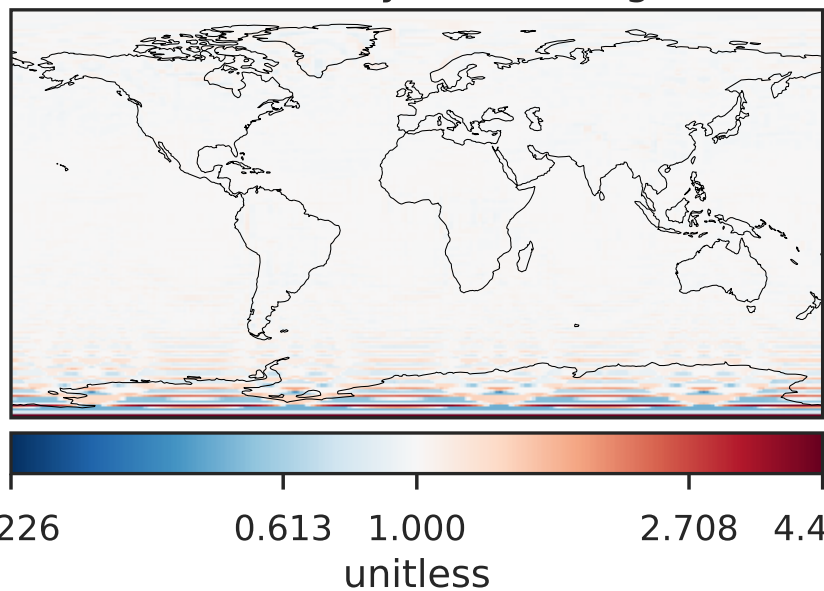
Difference (1x1.25)  
Dev - Ref, Dynamic Range



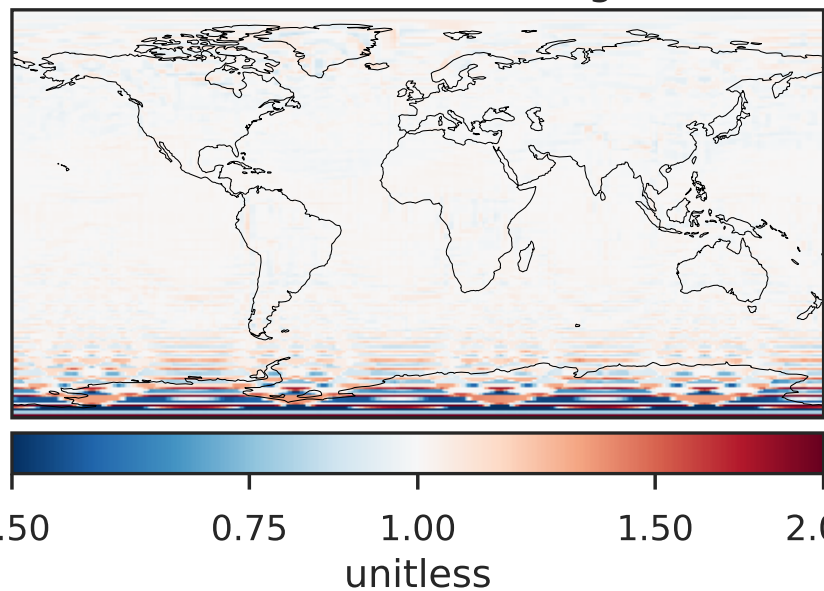
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

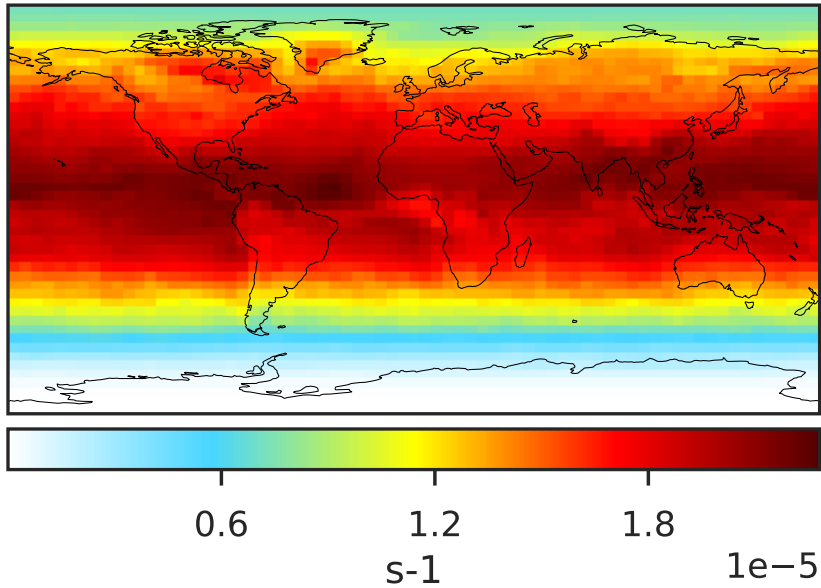


Ratio (1x1.25)  
Dev/Ref, Fixed Range

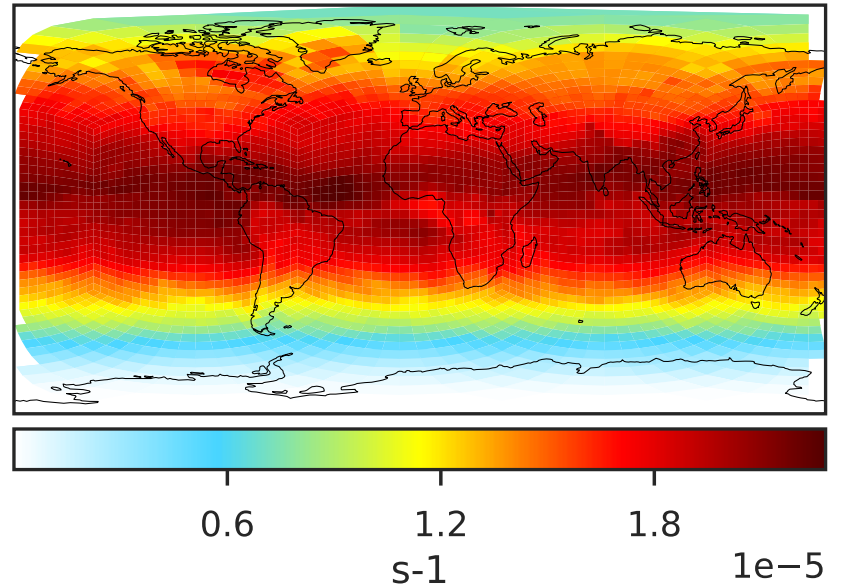


# Jval\_PROPNN (Apr2019)

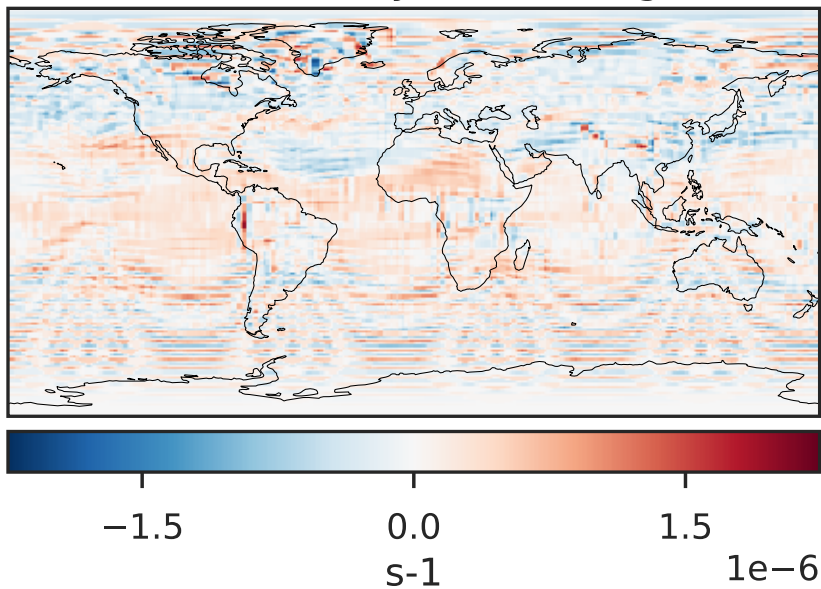
GCC\_14.2.0 (Ref)  
4.0x5.0



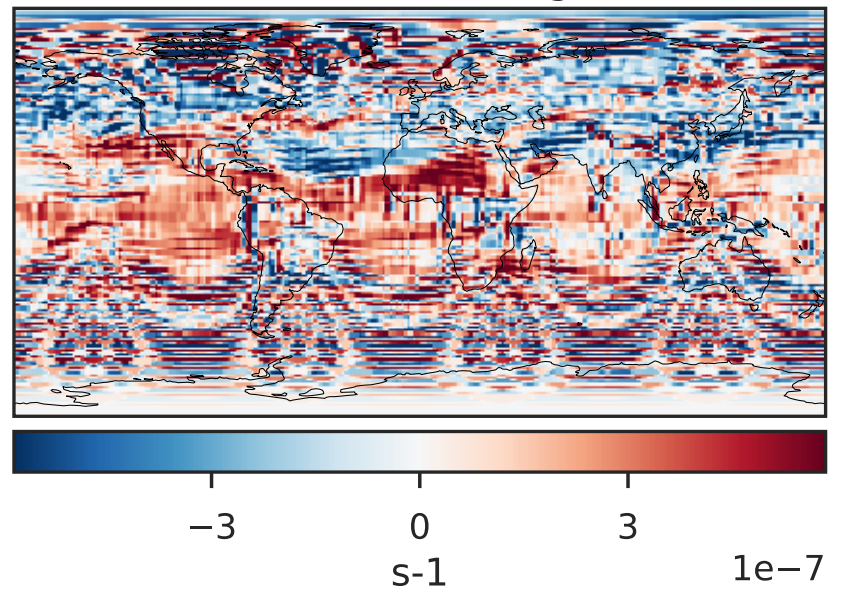
GCHP\_14.2.0 (Dev)  
c24



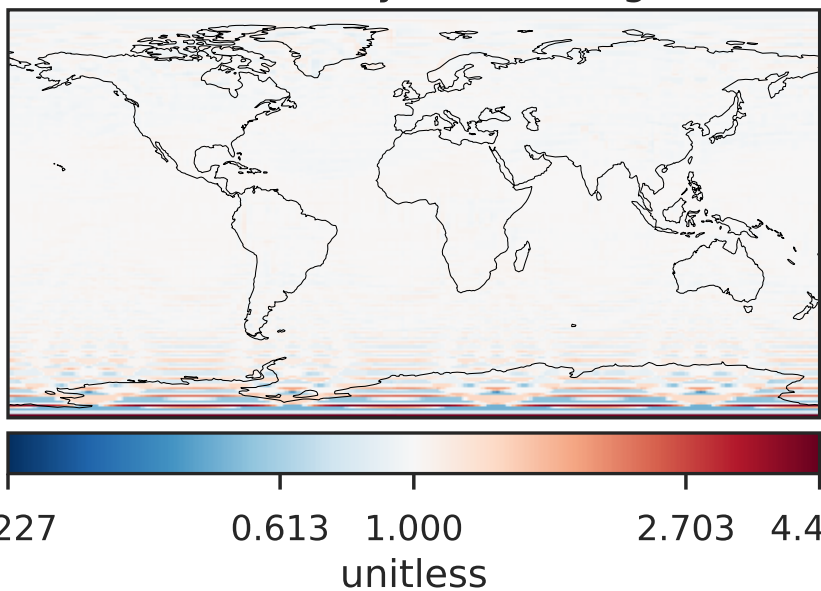
Difference (1x1.25)  
Dev - Ref, Dynamic Range



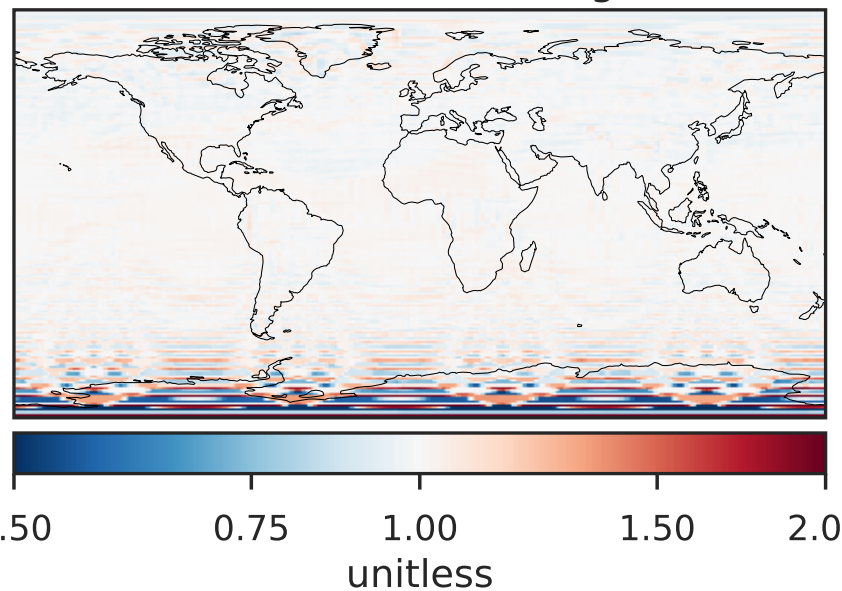
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



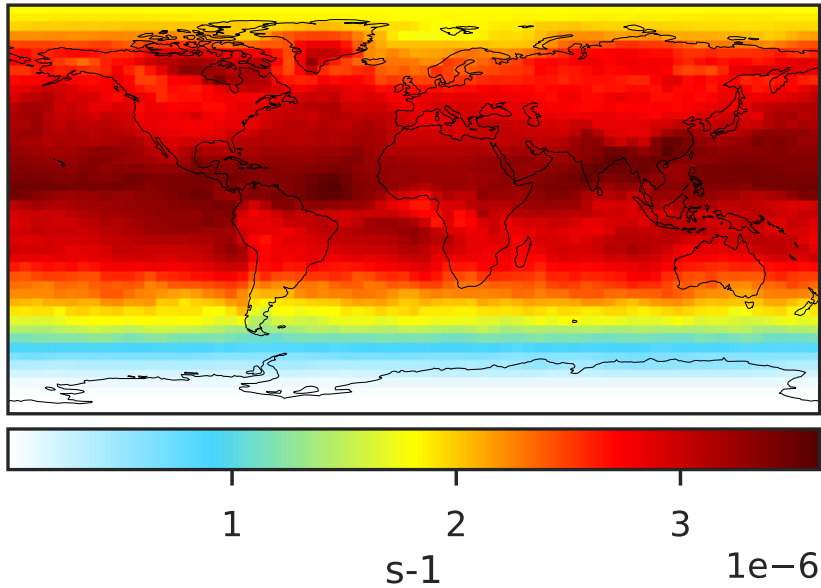
Ratio (1x1.25)  
Dev/Ref, Fixed Range



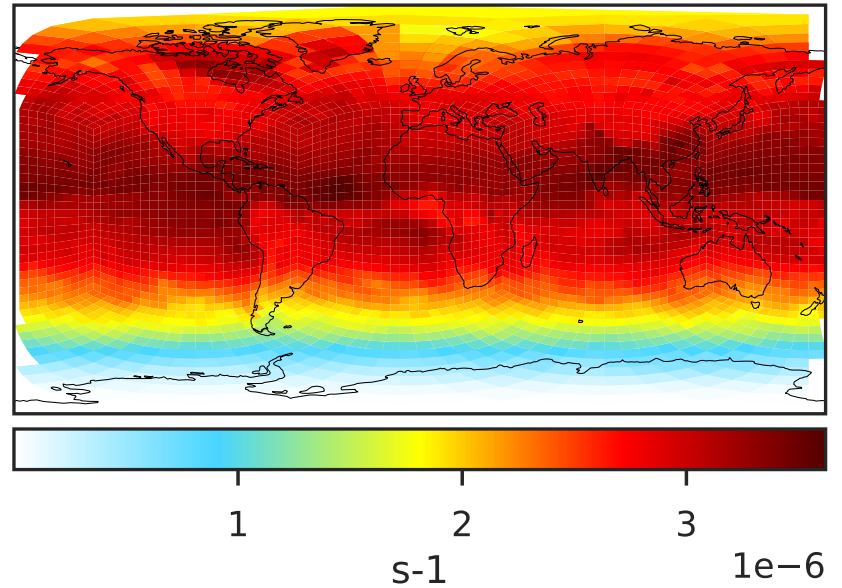


# Jval\_PRPN (Apr2019)

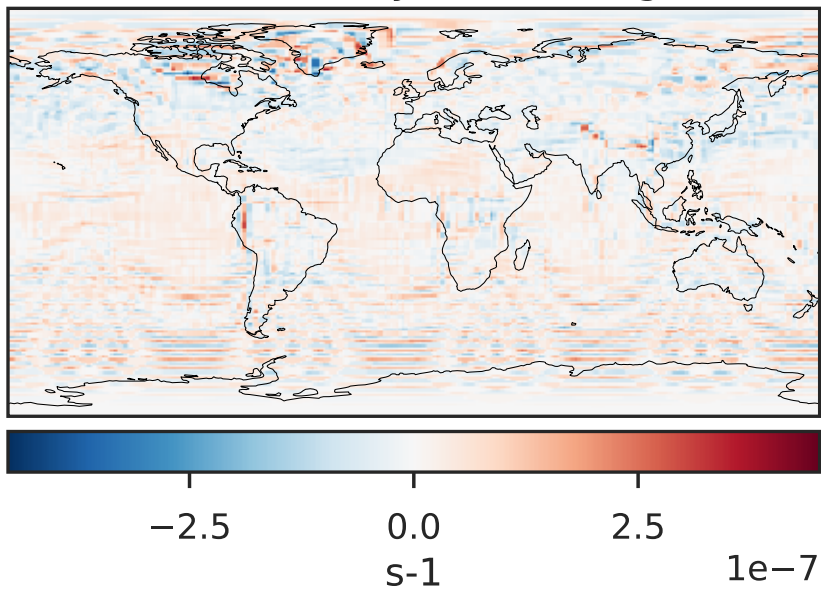
GCC\_14.2.0 (Ref)  
4.0x5.0



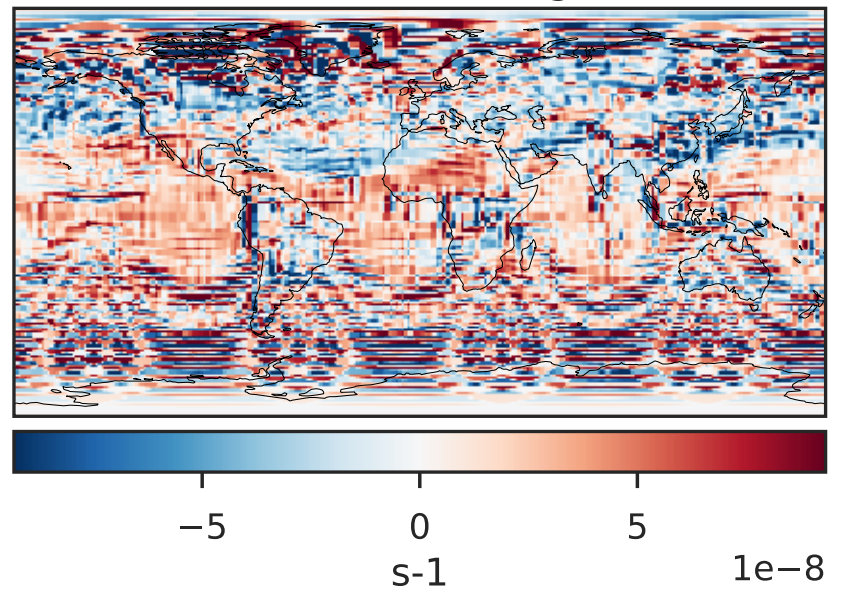
GCHP\_14.2.0 (Dev)  
c24



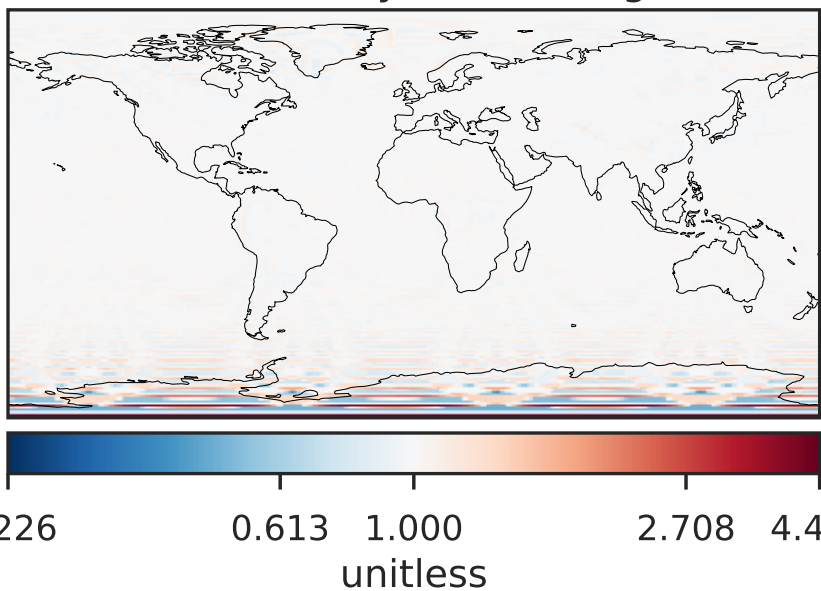
Difference (1x1.25)  
Dev - Ref, Dynamic Range



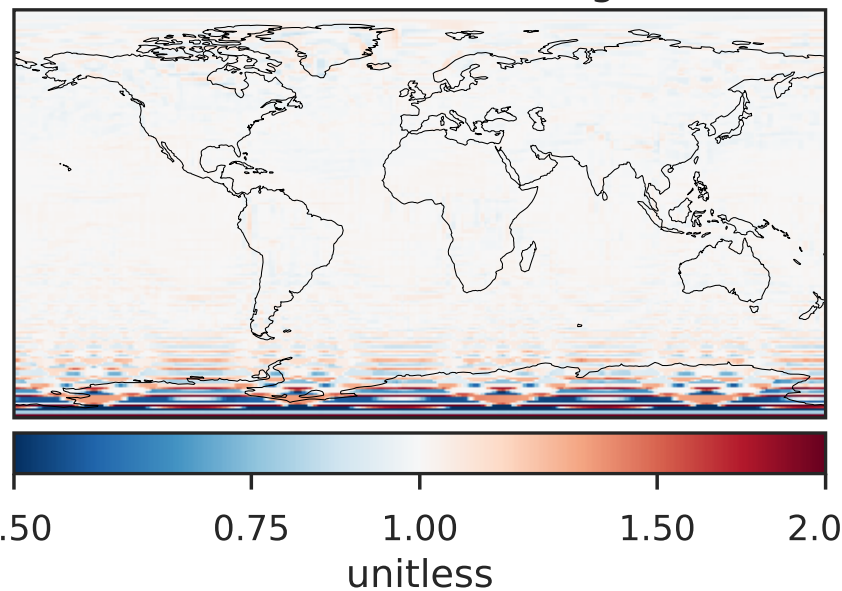
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

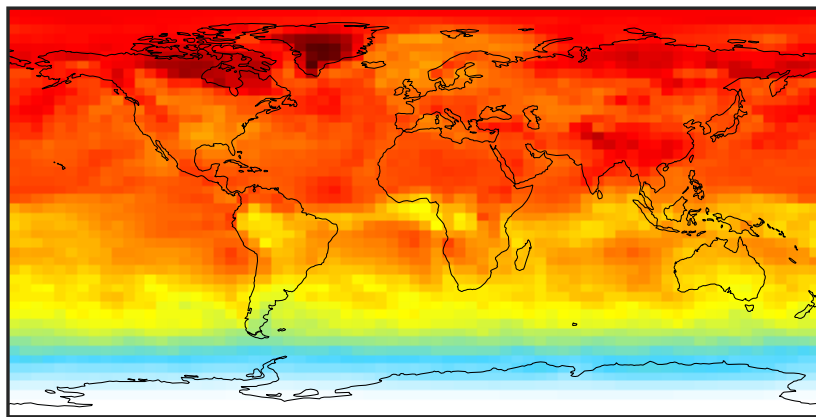


Ratio (1x1.25)  
Dev/Ref, Fixed Range



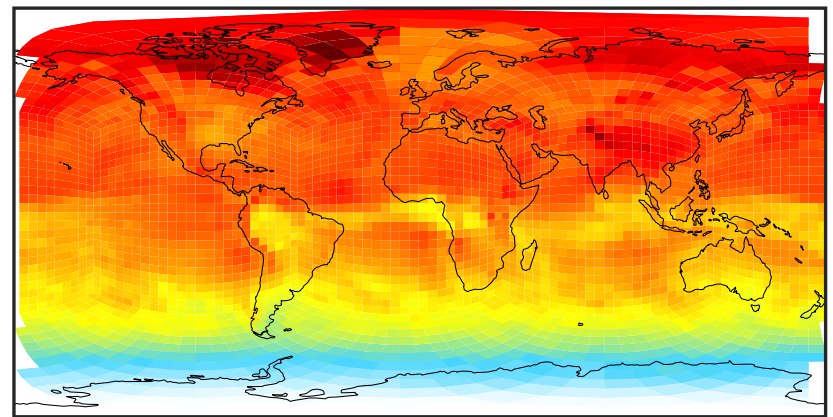
# Jval\_PYAC (Apr2019)

GCC\_14.2.0 (Ref)  
4.0x5.0



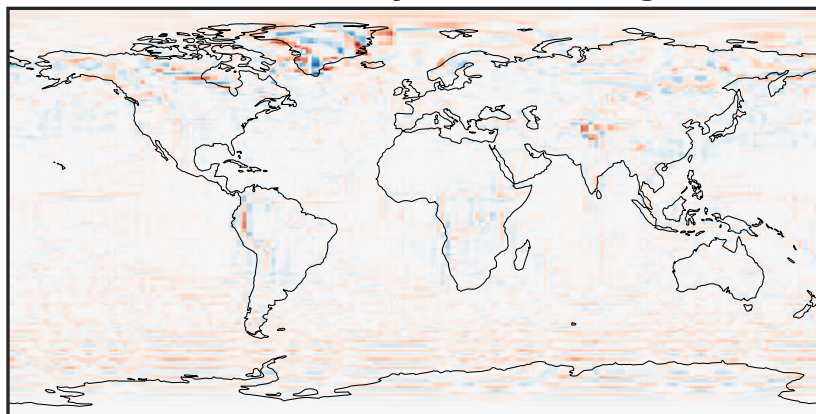
0.00006 0.00012 0.00018  
s-1

GCHP\_14.2.0 (Dev)  
c24



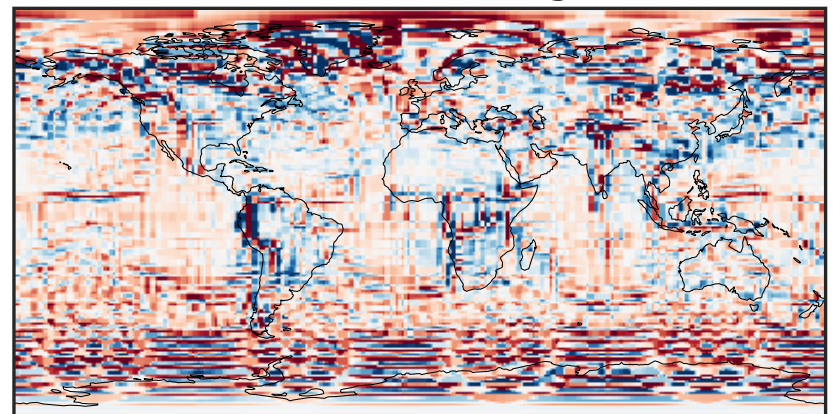
0.00006 0.00012 0.00018  
s-1

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



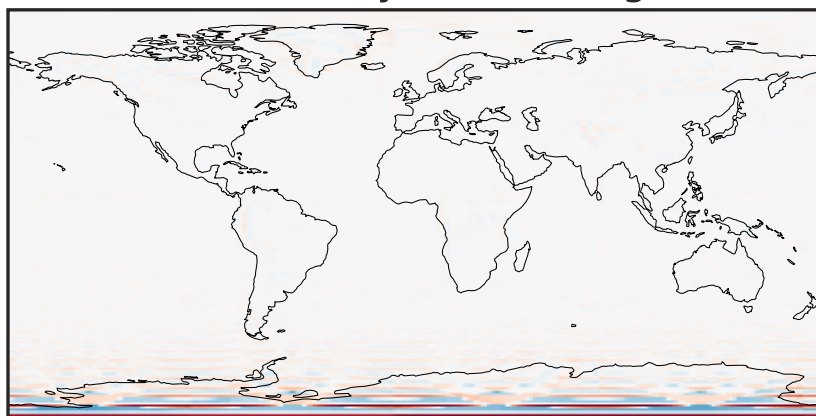
-2.5 0.0 2.5  
s-1 1e-5

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



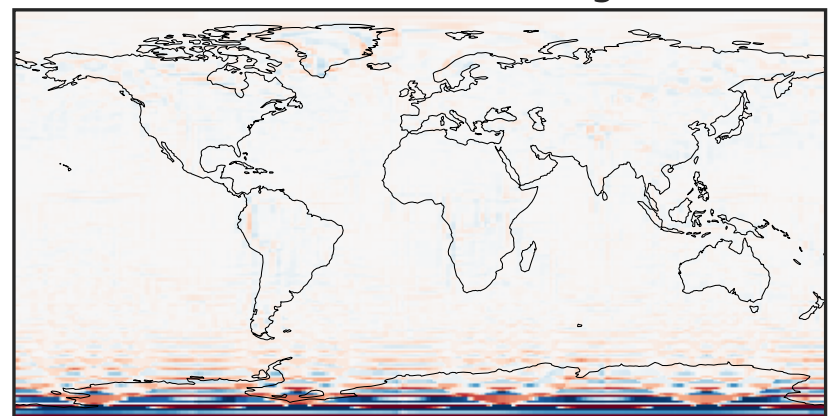
-4 0 4  
s-1 1e-6

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



0.159 0.579 1.000 3.654 6.308  
unitless

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

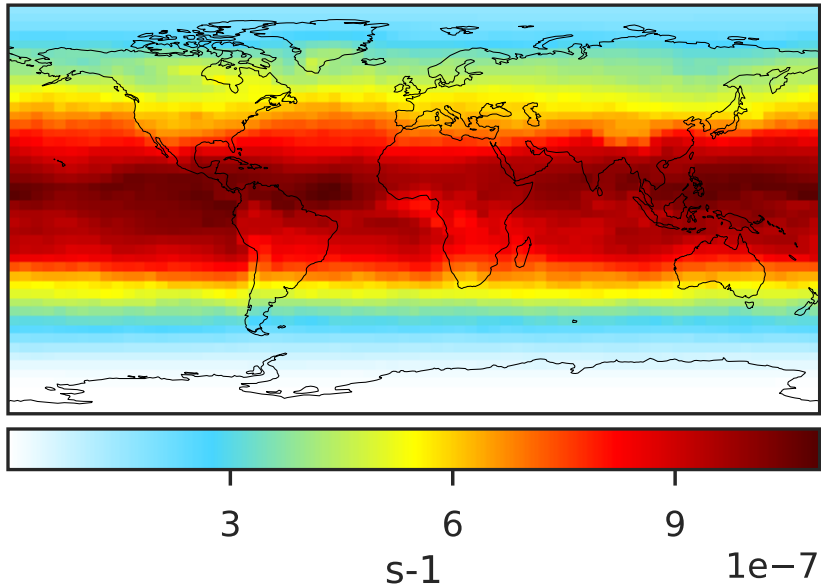


0.50 0.75 1.00 1.50 2.00  
unitless

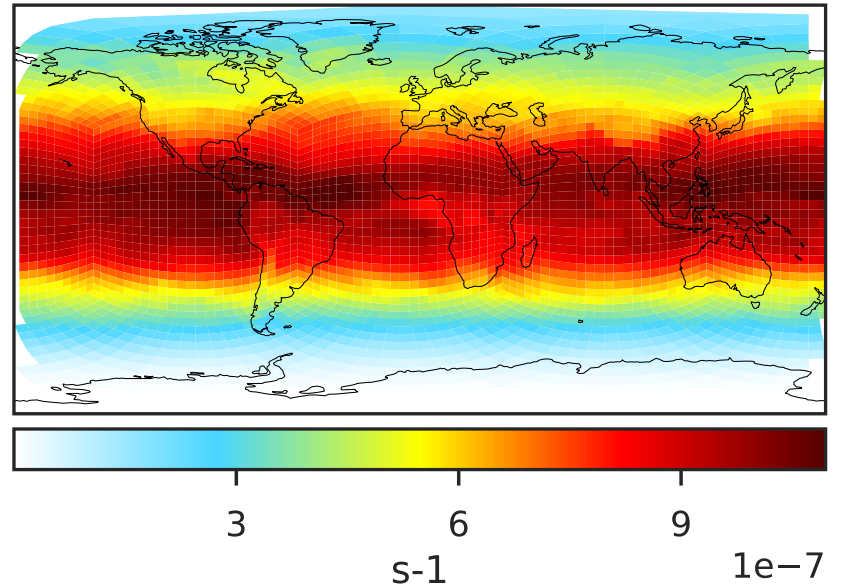


# Jval\_R4N2 (Apr2019)

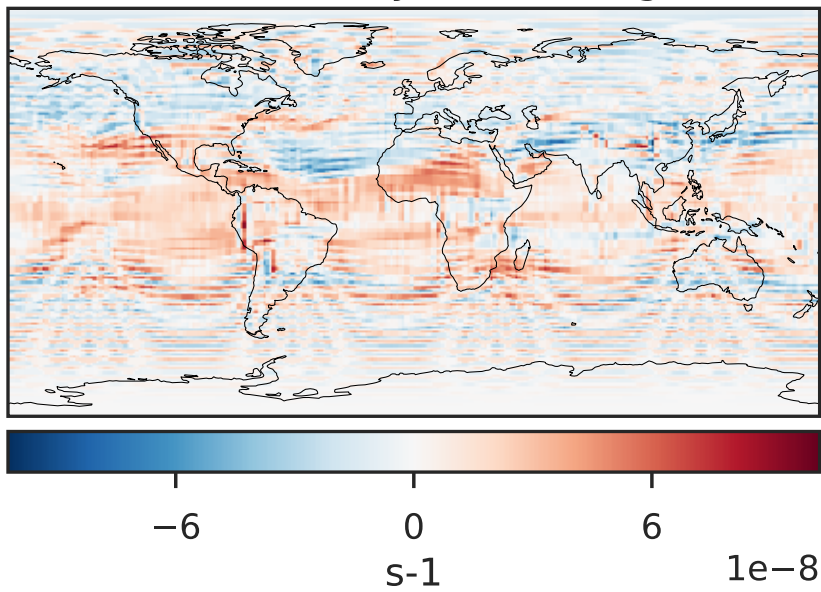
GCC\_14.2.0 (Ref)  
4.0x5.0



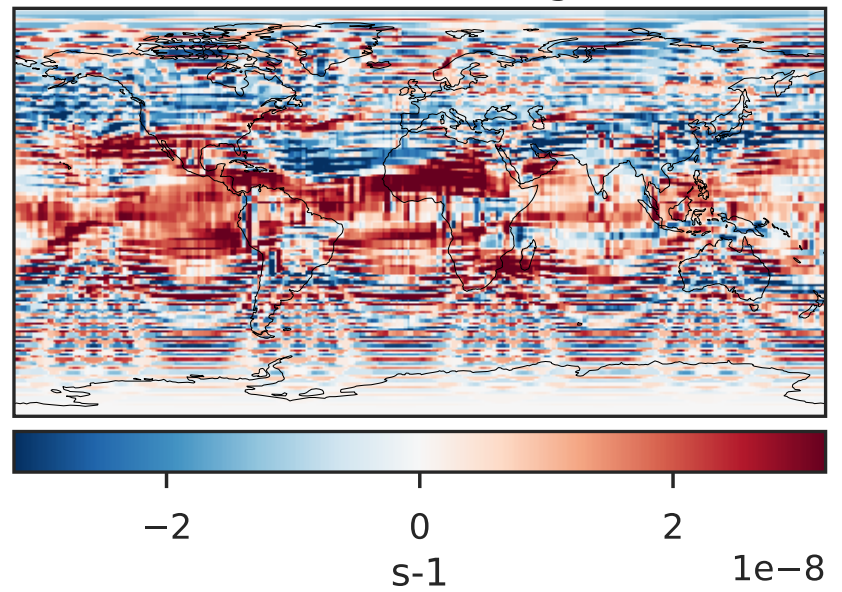
GCHP\_14.2.0 (Dev)  
c24



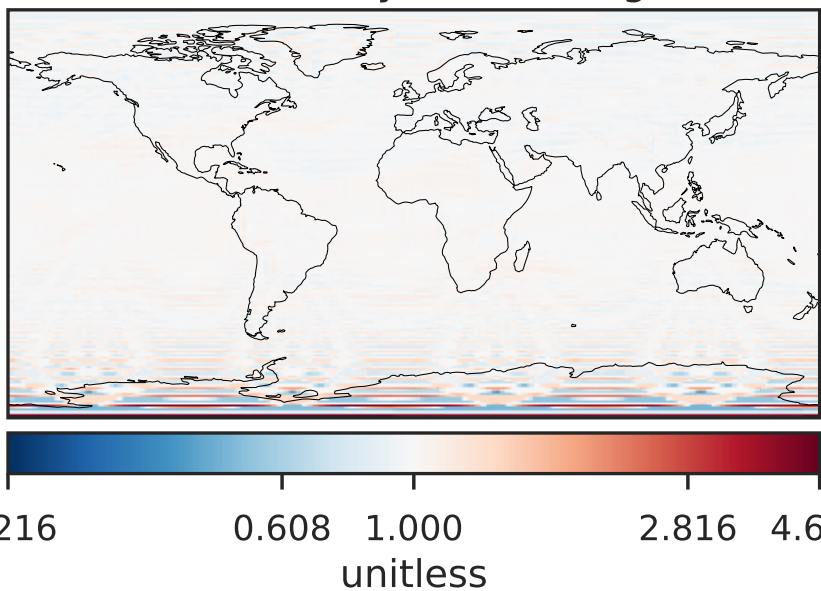
Difference (1x1.25)  
Dev - Ref, Dynamic Range



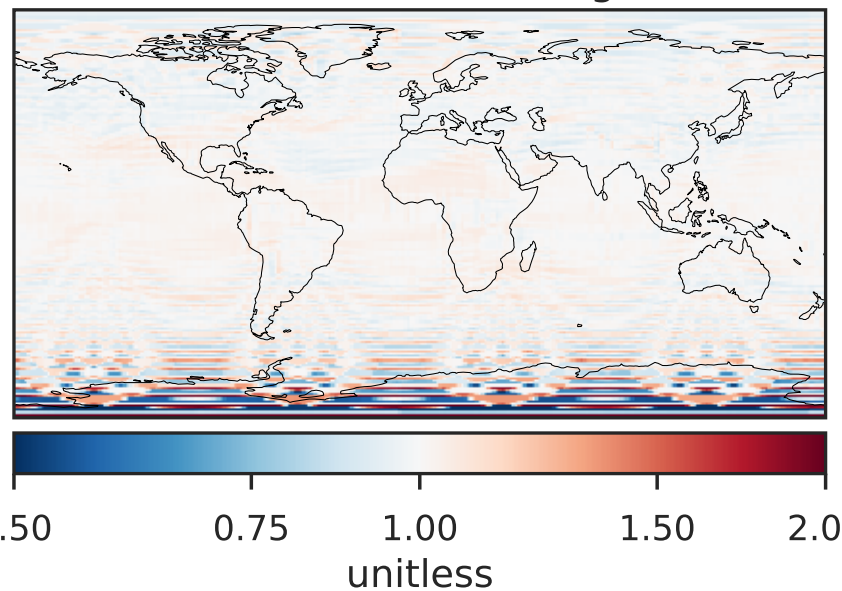
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

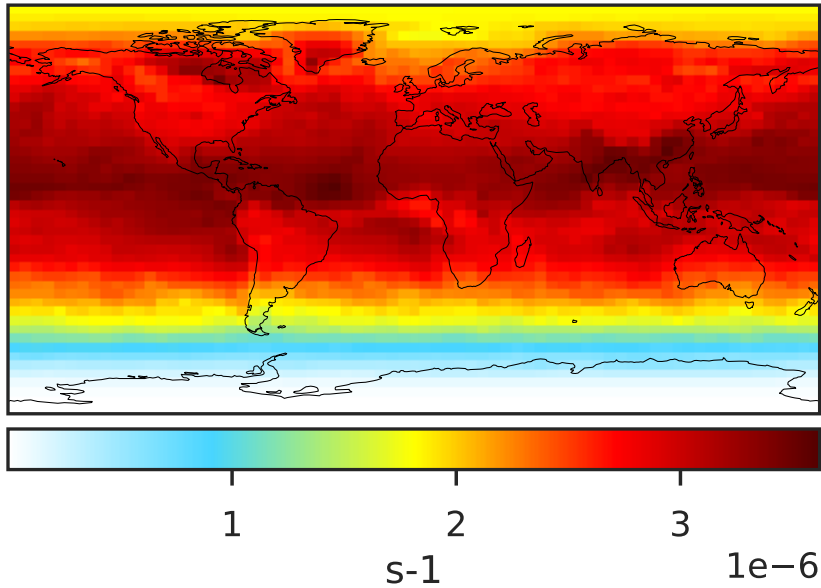


Ratio (1x1.25)  
Dev/Ref, Fixed Range

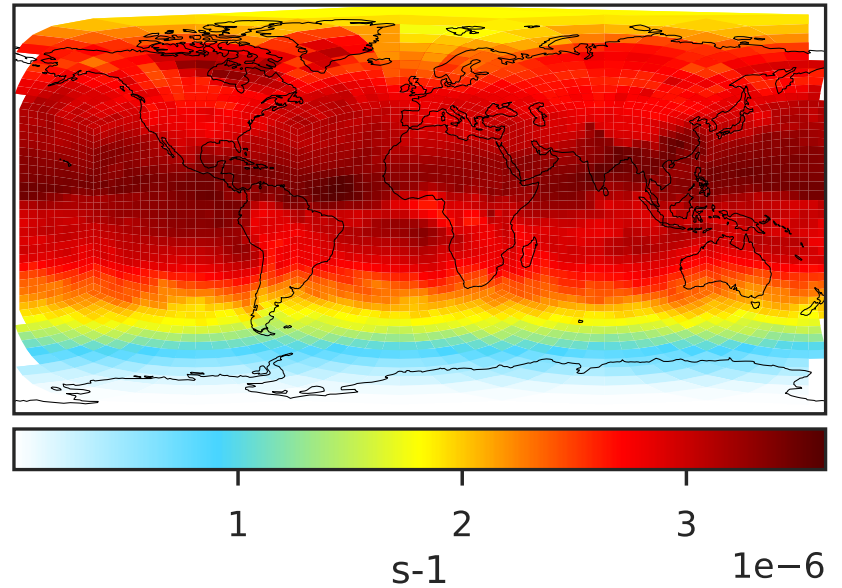


# Jval\_R4P (Apr2019)

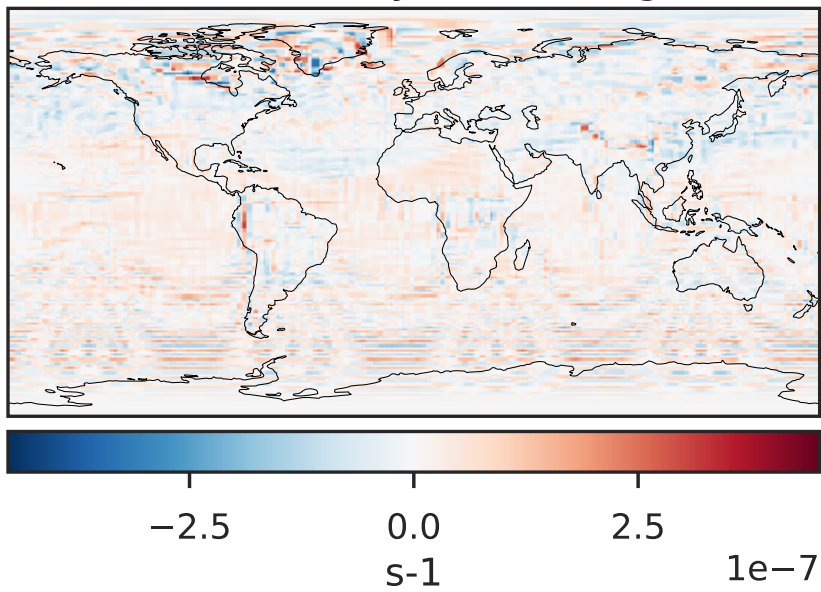
GCC\_14.2.0 (Ref)  
4.0x5.0



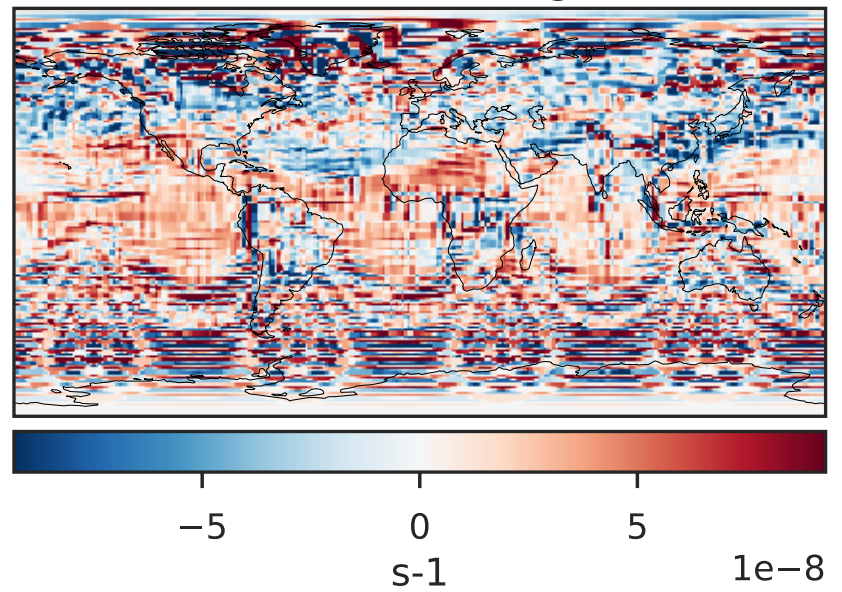
GCHP\_14.2.0 (Dev)  
c24



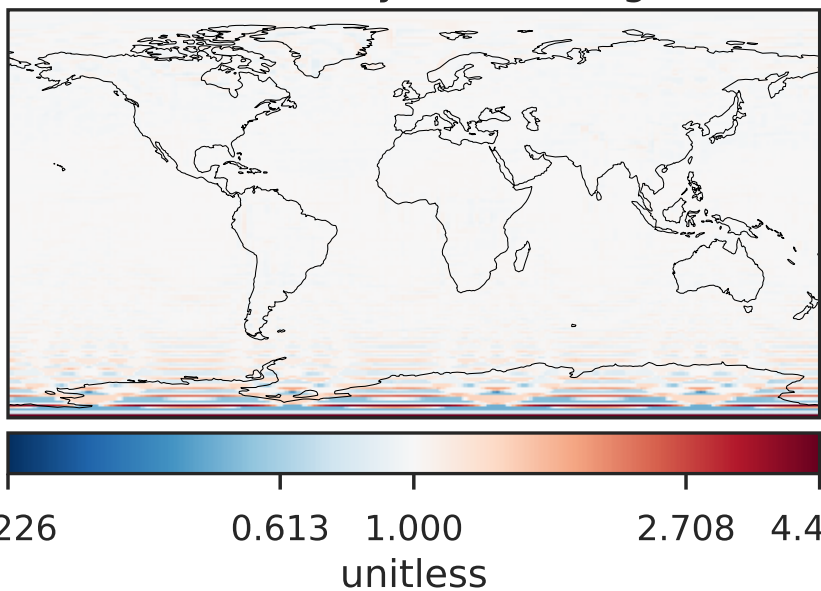
Difference (1x1.25)  
Dev - Ref, Dynamic Range



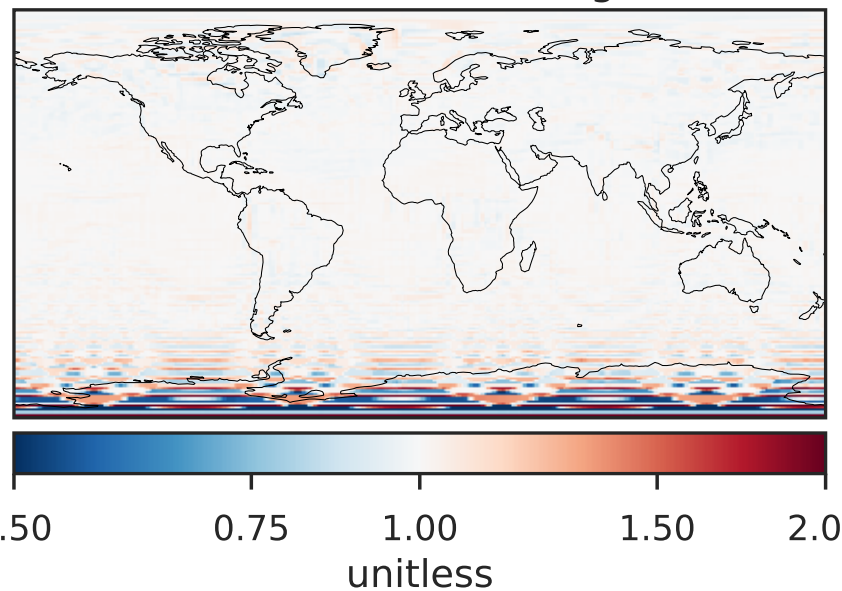
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



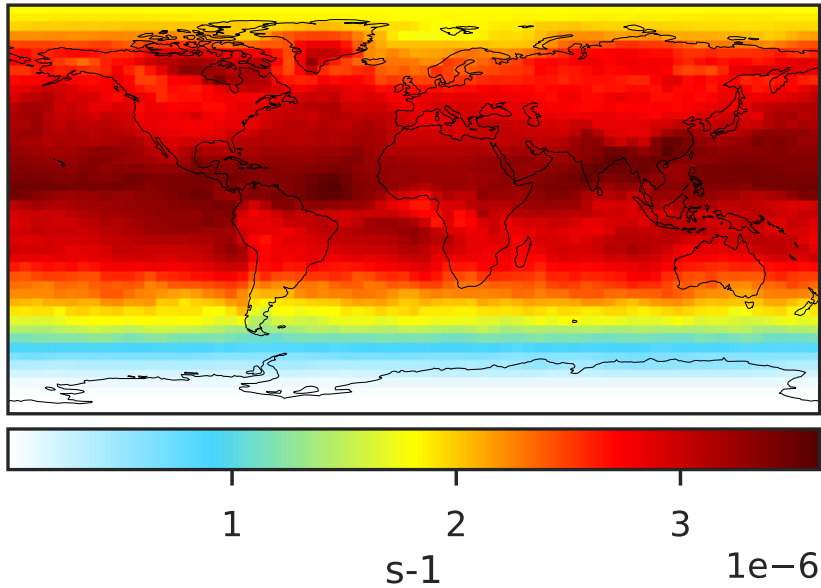
Ratio (1x1.25)  
Dev/Ref, Fixed Range



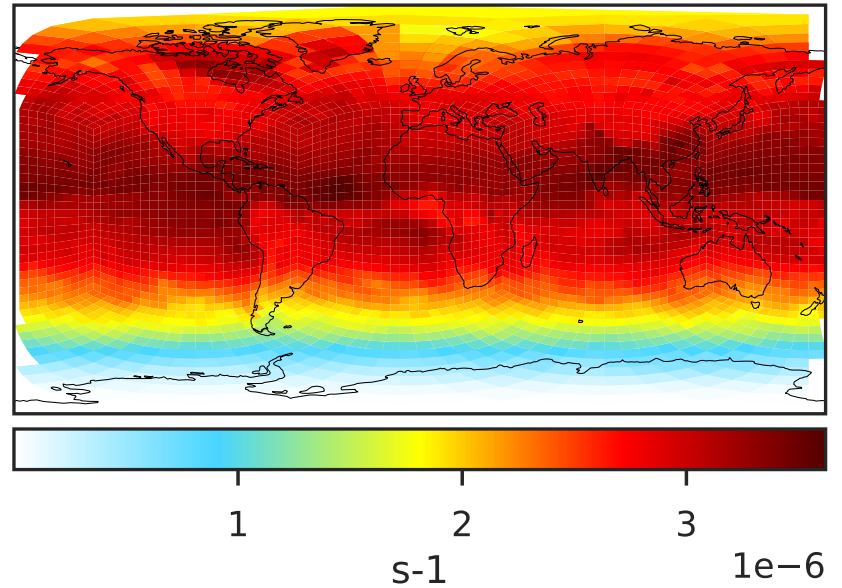


# Jval\_RA3P (Apr2019)

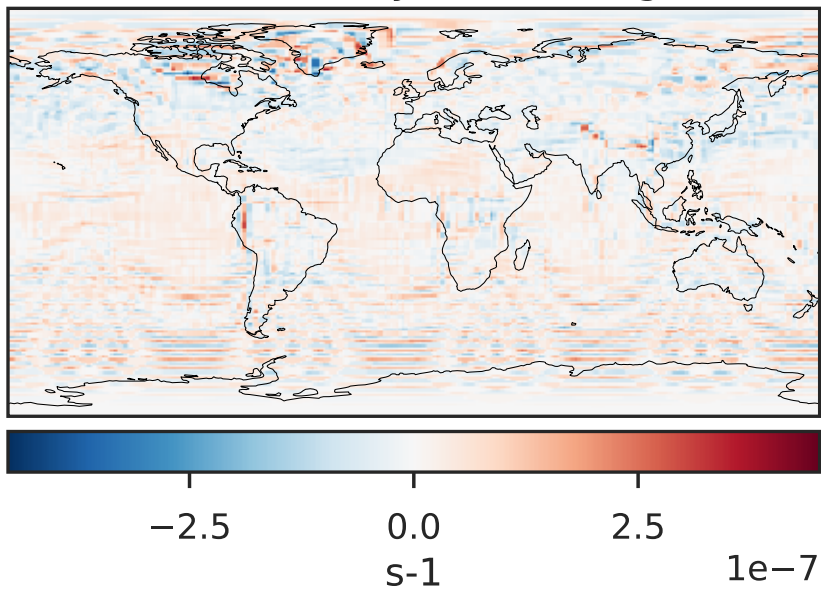
GCC\_14.2.0 (Ref)  
4.0x5.0



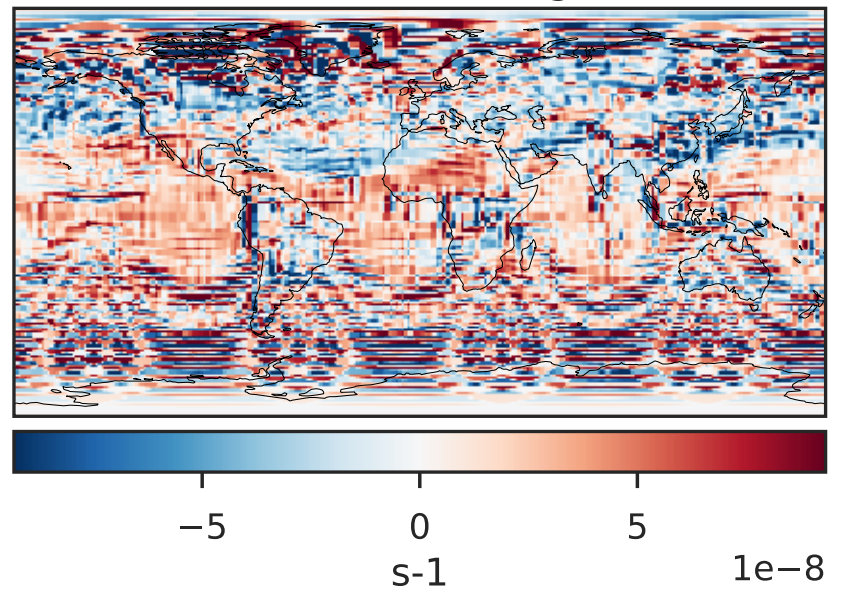
GCHP\_14.2.0 (Dev)  
c24



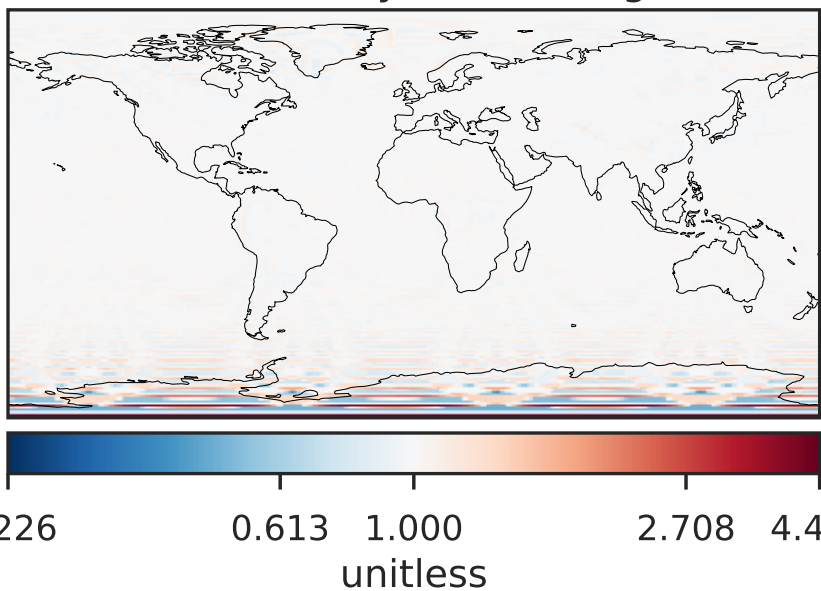
Difference (1x1.25)  
Dev - Ref, Dynamic Range



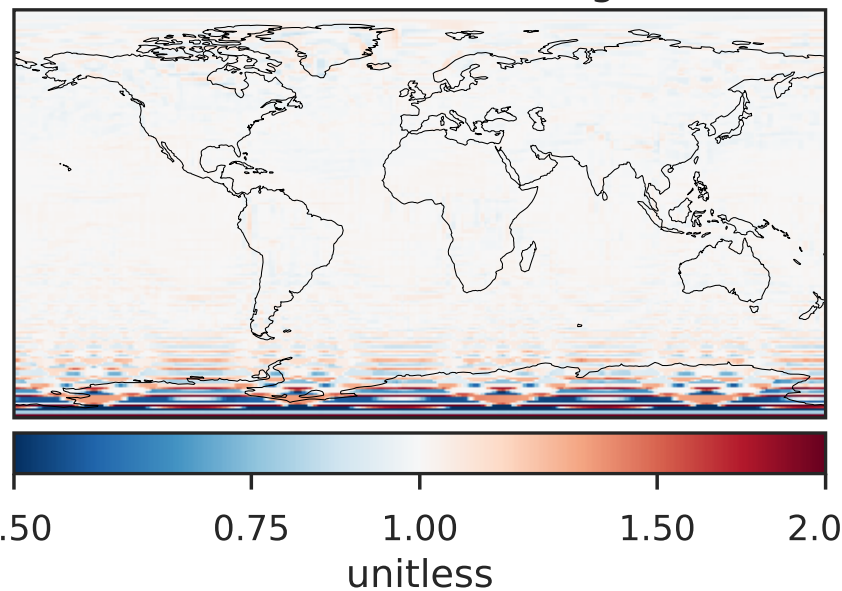
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

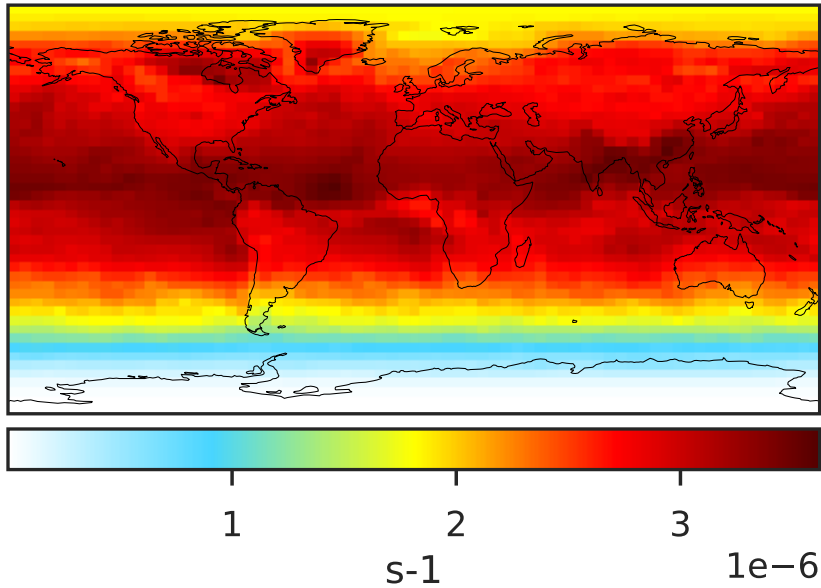


Ratio (1x1.25)  
Dev/Ref, Fixed Range

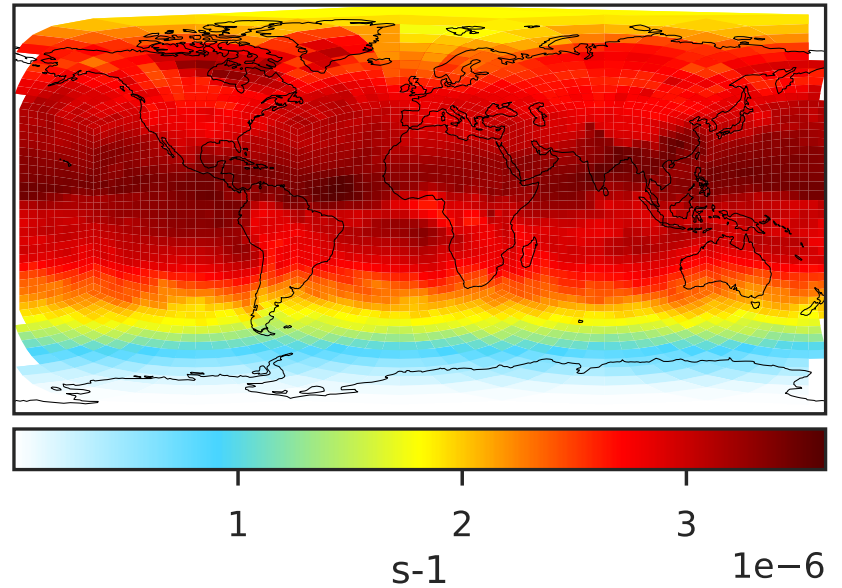


# Jval\_RB3P (Apr2019)

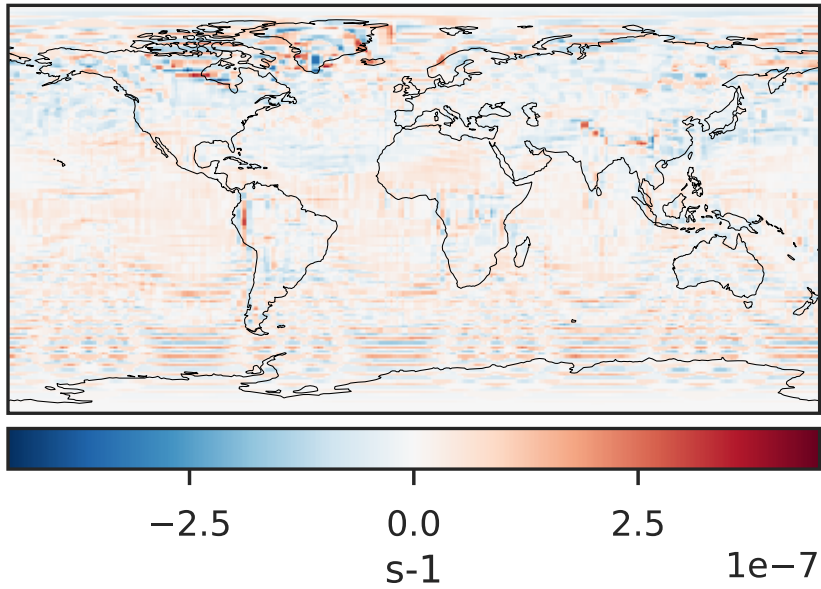
GCC\_14.2.0 (Ref)  
4.0x5.0



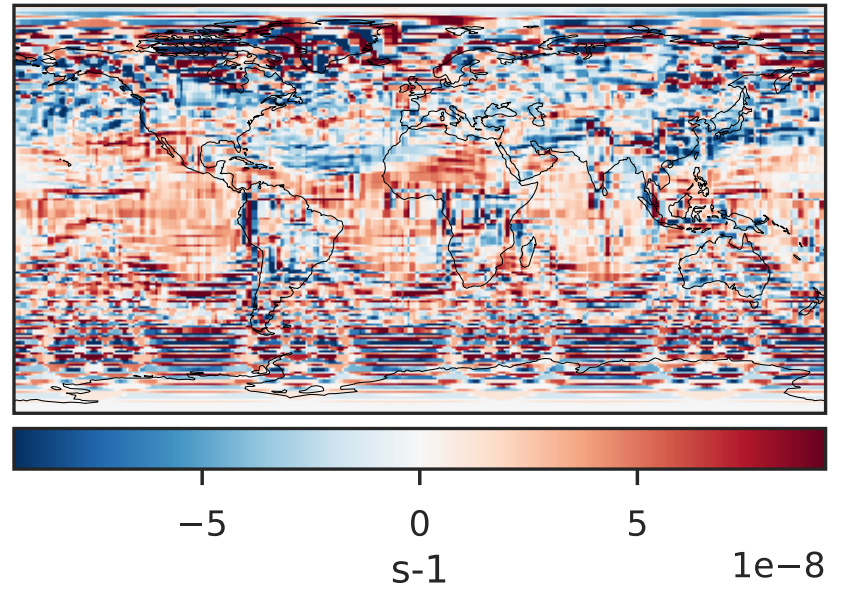
GCHP\_14.2.0 (Dev)  
c24



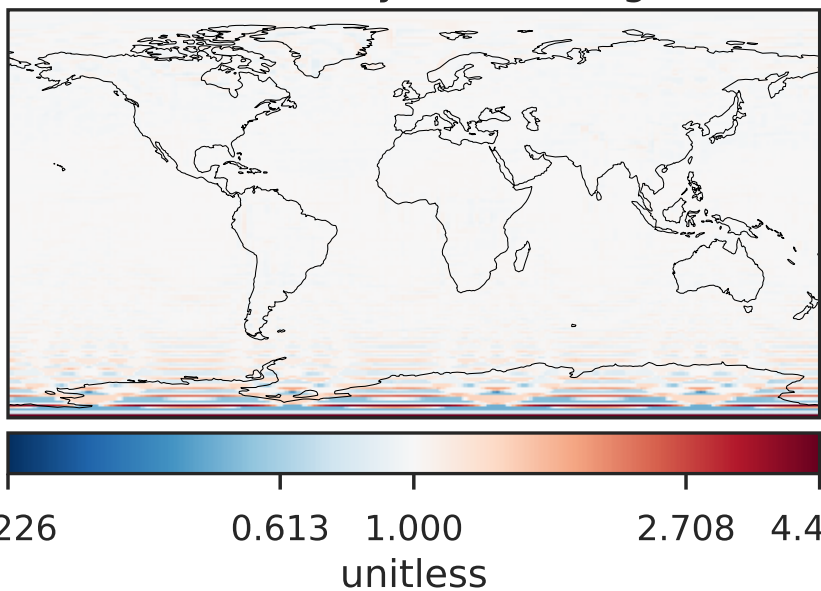
Difference (1x1.25)  
Dev - Ref, Dynamic Range



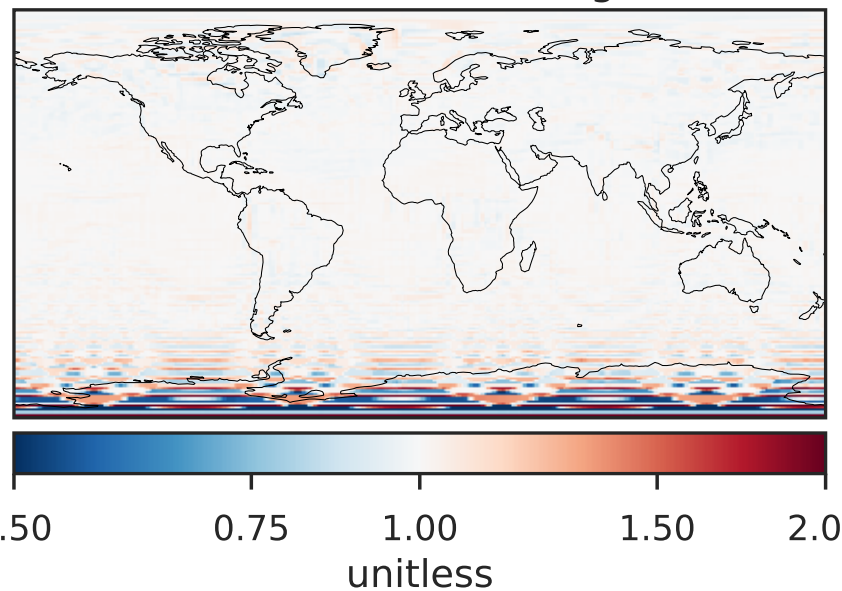
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



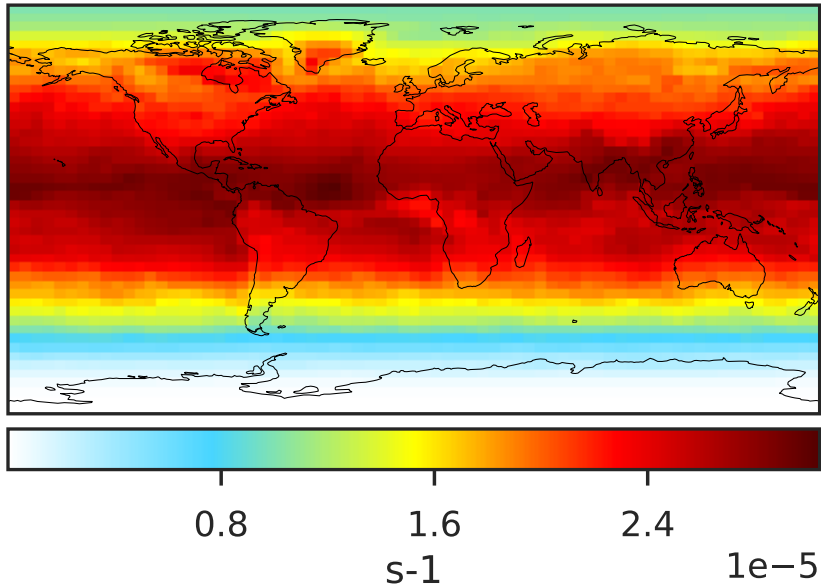
Ratio (1x1.25)  
Dev/Ref, Fixed Range



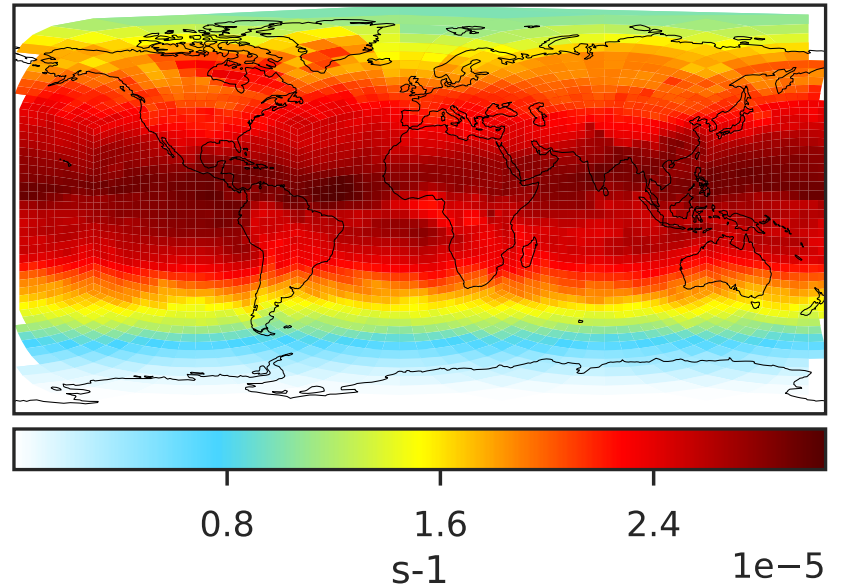


# Jval\_RCHO (Apr2019)

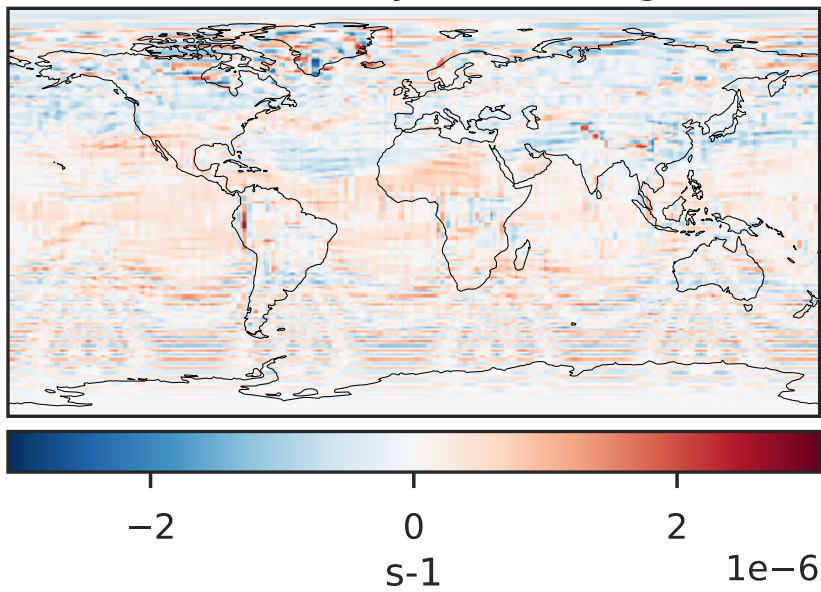
GCC\_14.2.0 (Ref)  
4.0x5.0



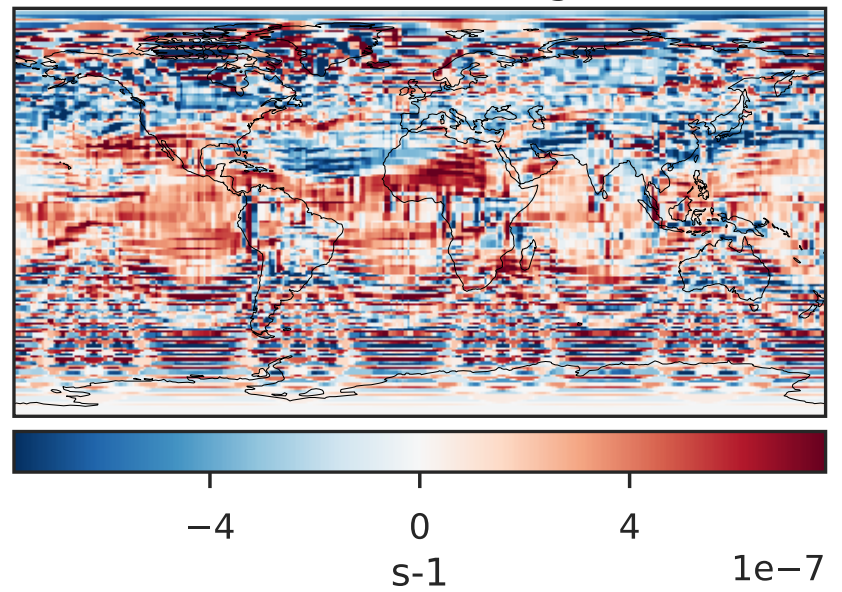
GCHP\_14.2.0 (Dev)  
c24



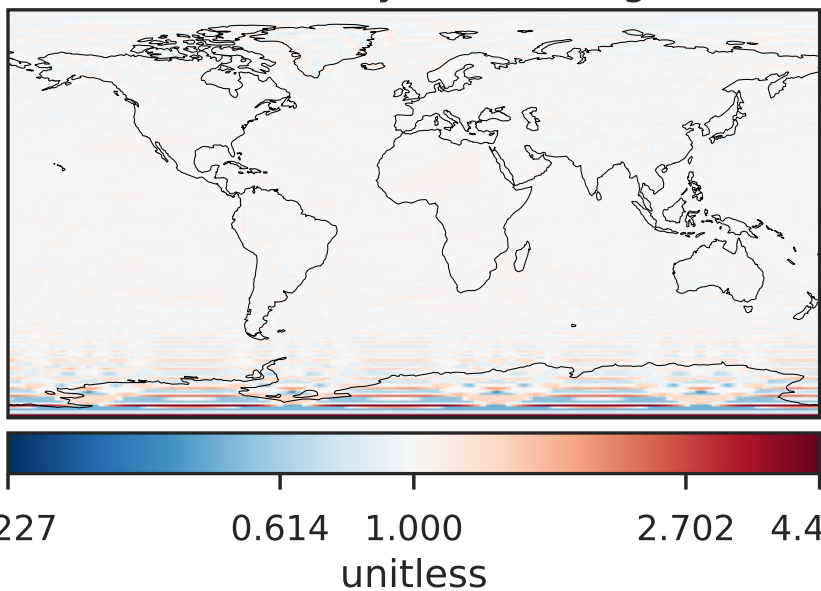
Difference (1x1.25)  
Dev - Ref, Dynamic Range



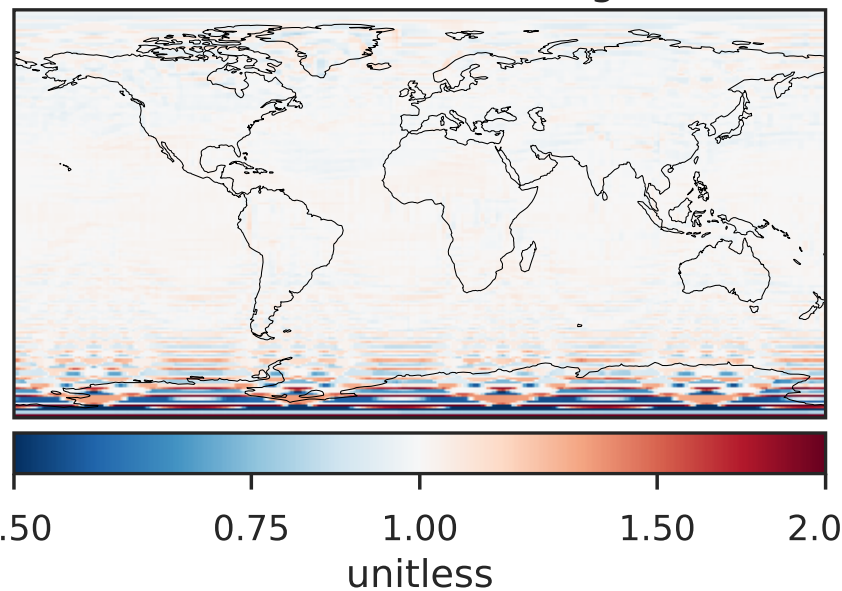
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

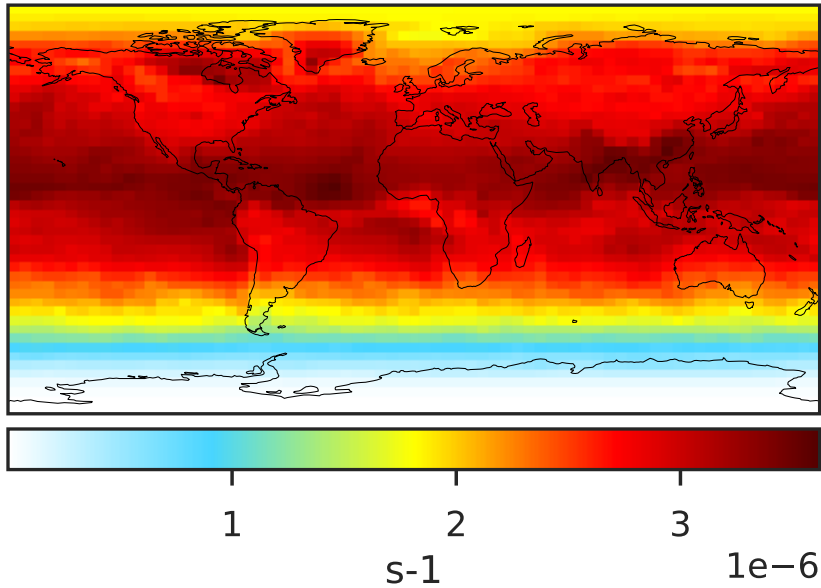


Ratio (1x1.25)  
Dev/Ref, Fixed Range

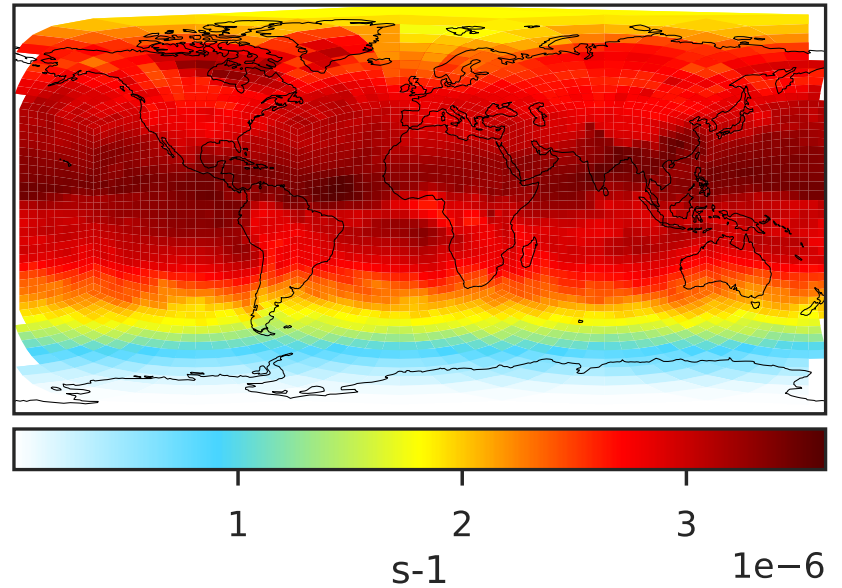


# Jval\_RIPA (Apr2019)

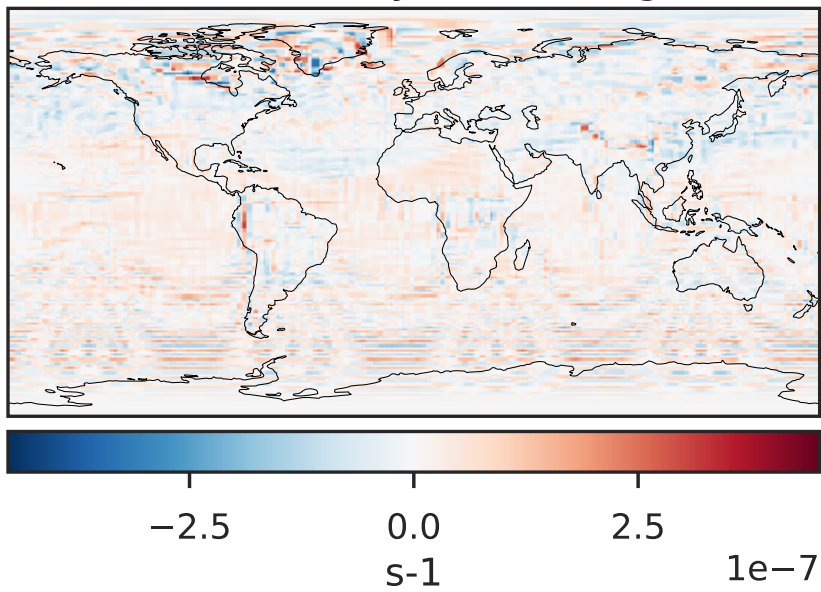
GCC\_14.2.0 (Ref)  
4.0x5.0



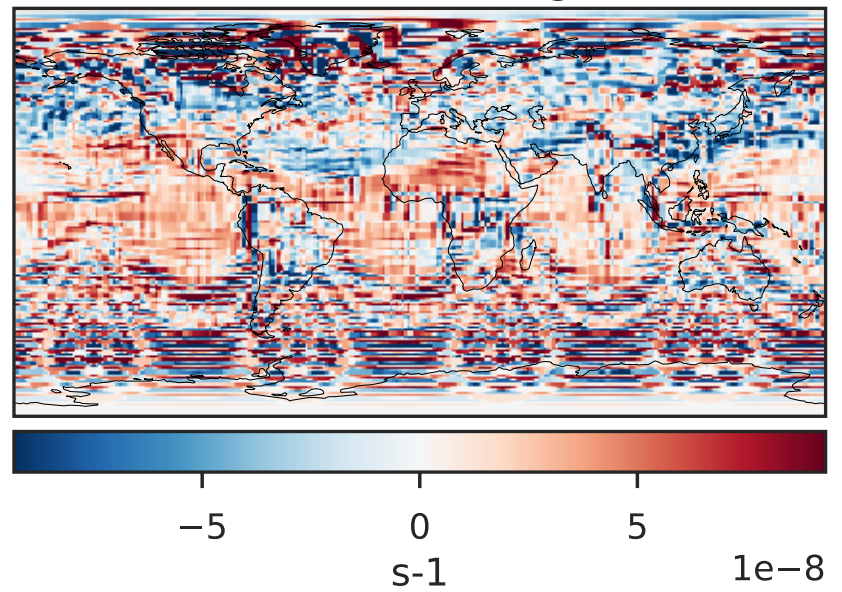
GCHP\_14.2.0 (Dev)  
c24



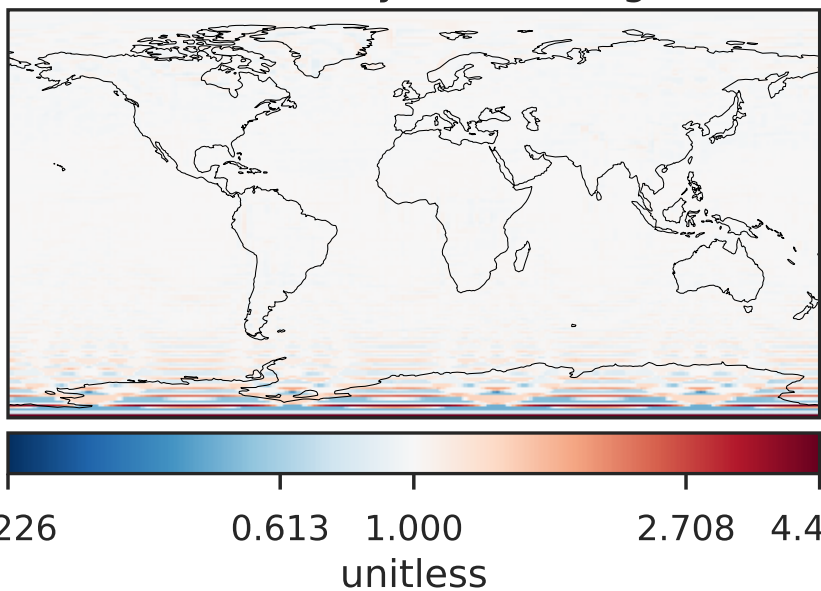
Difference (1x1.25)  
Dev - Ref, Dynamic Range



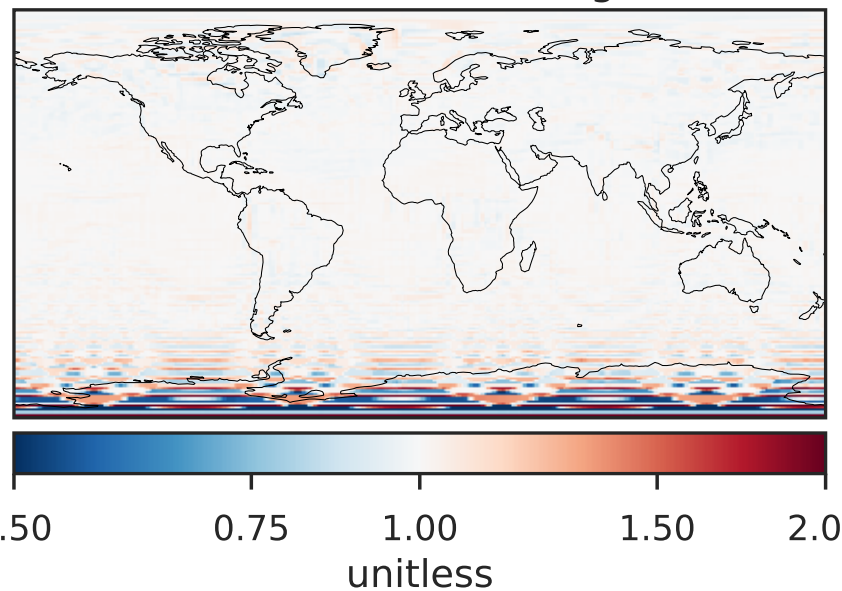
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



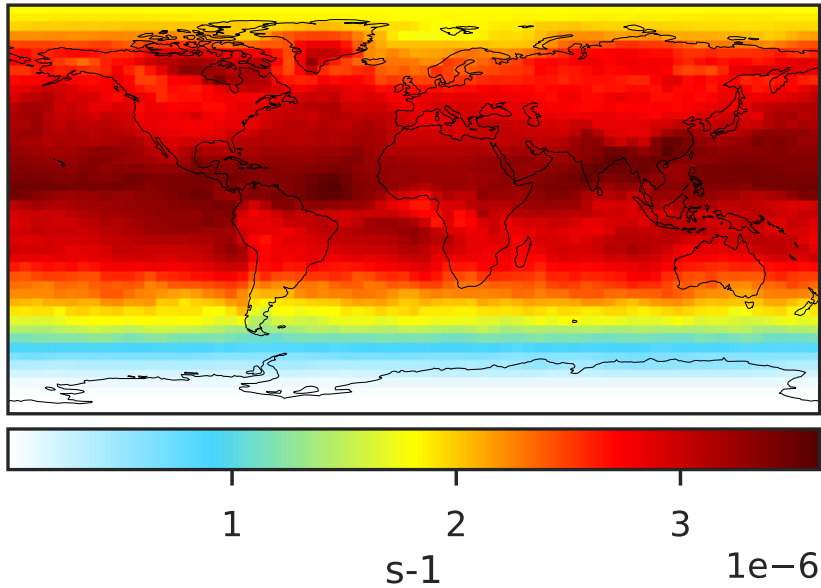
Ratio (1x1.25)  
Dev/Ref, Fixed Range



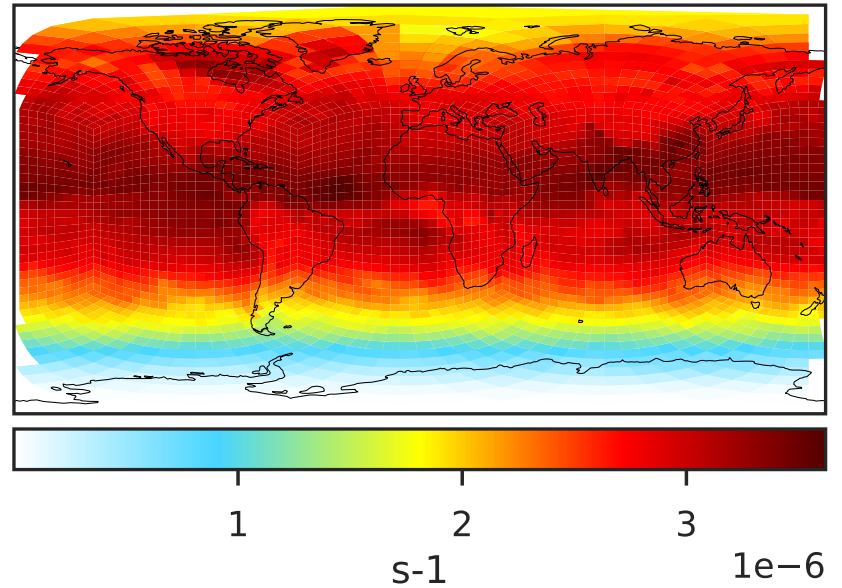


# Jval\_RIPB (Apr2019)

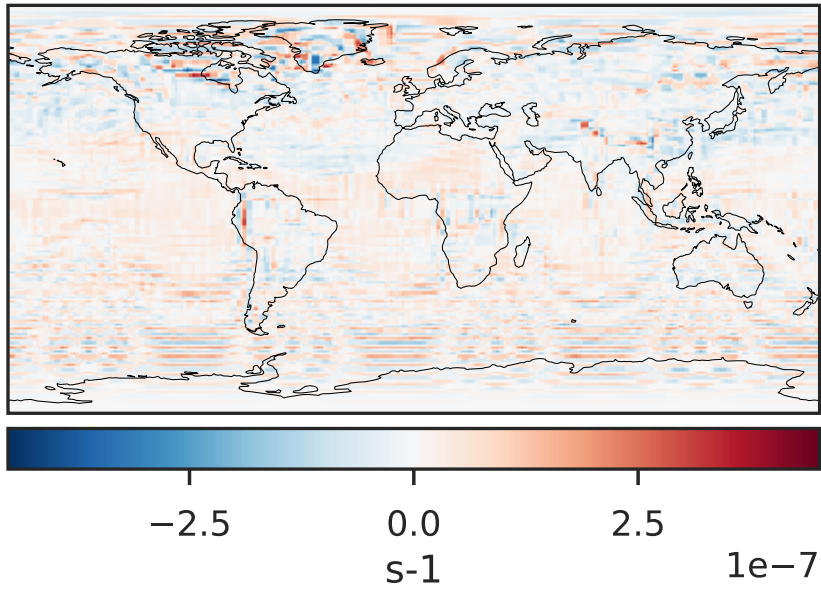
GCC\_14.2.0 (Ref)  
4.0x5.0



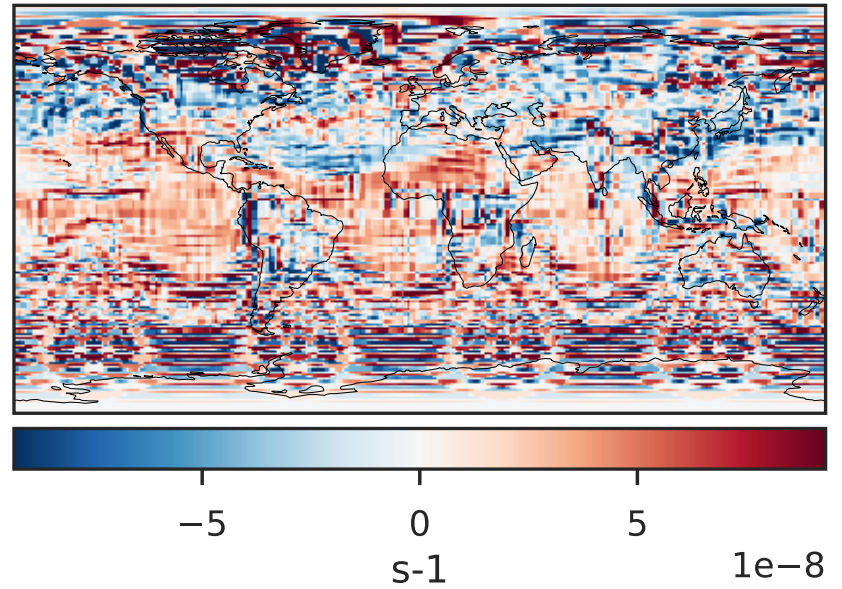
GCHP\_14.2.0 (Dev)  
c24



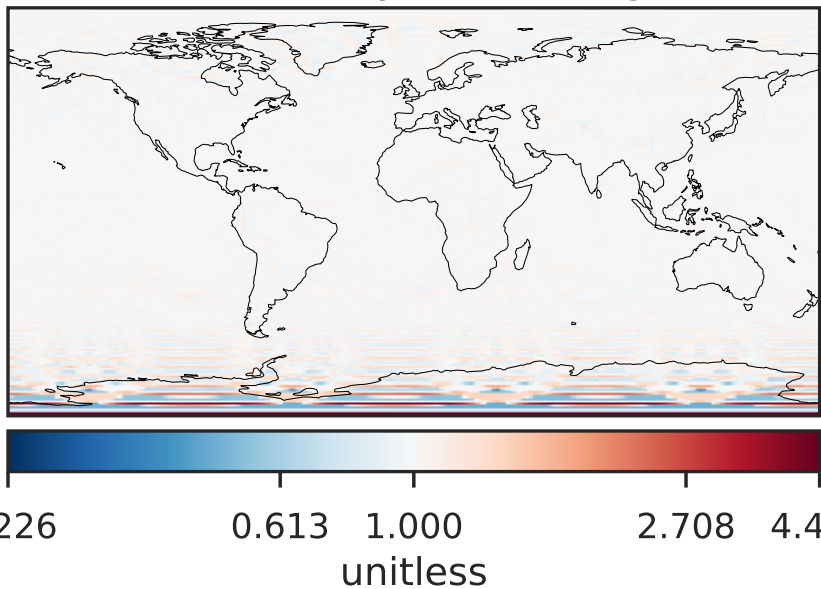
Difference (1x1.25)  
Dev - Ref, Dynamic Range



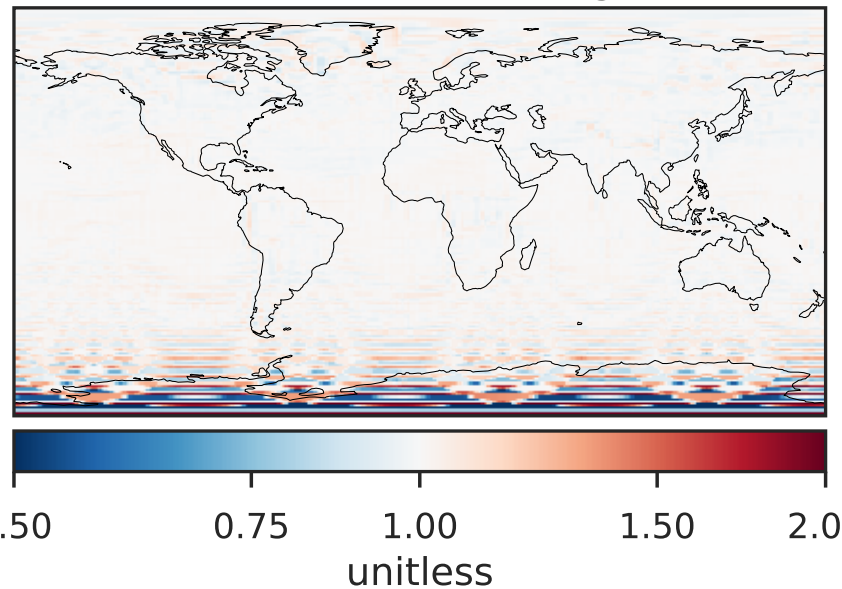
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

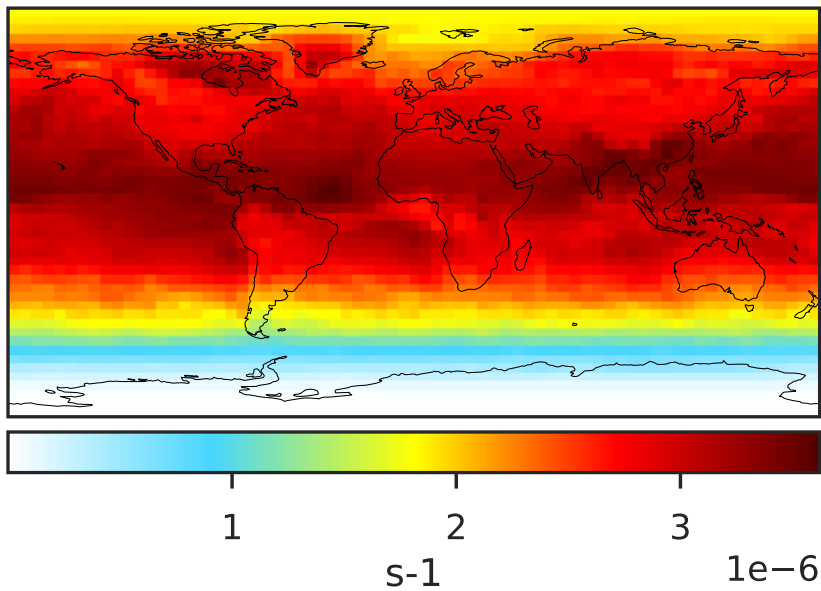


Ratio (1x1.25)  
Dev/Ref, Fixed Range

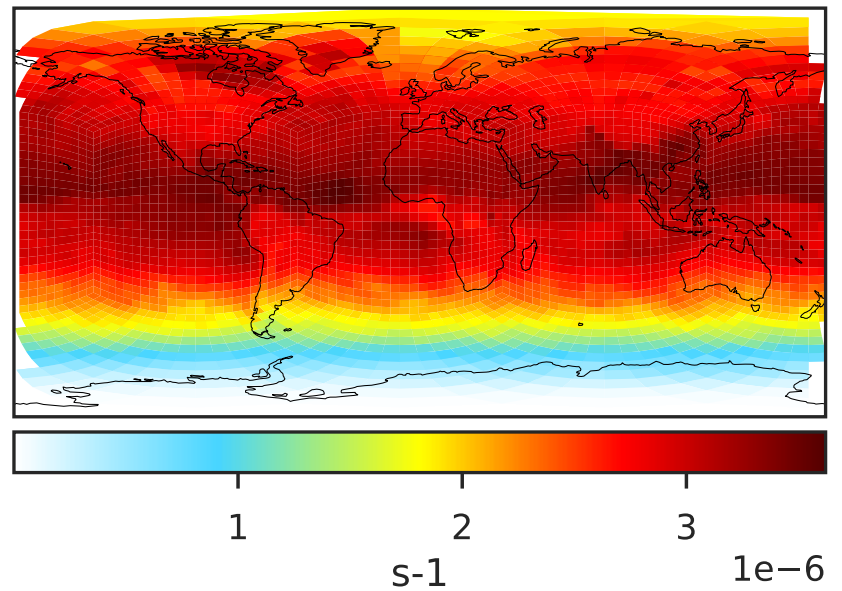


# Jval\_RIPC (Apr2019)

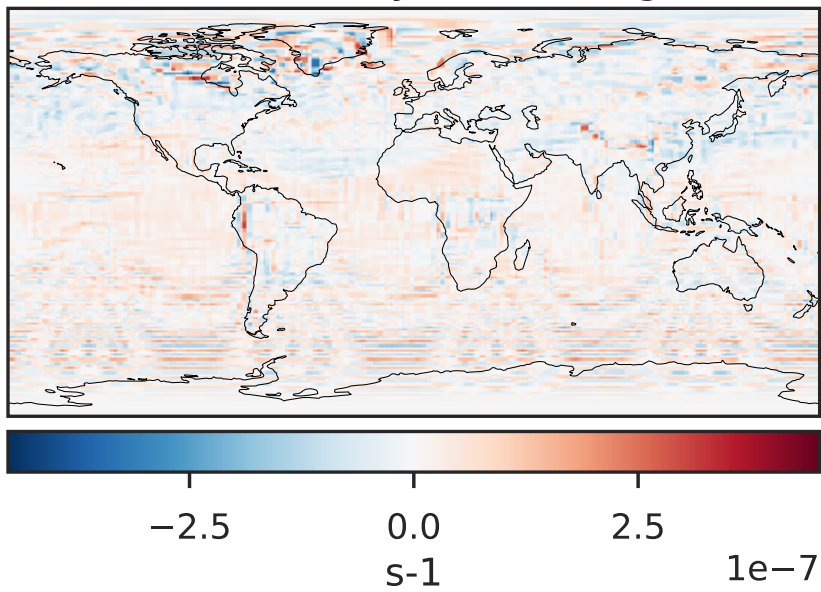
GCC\_14.2.0 (Ref)  
4.0x5.0



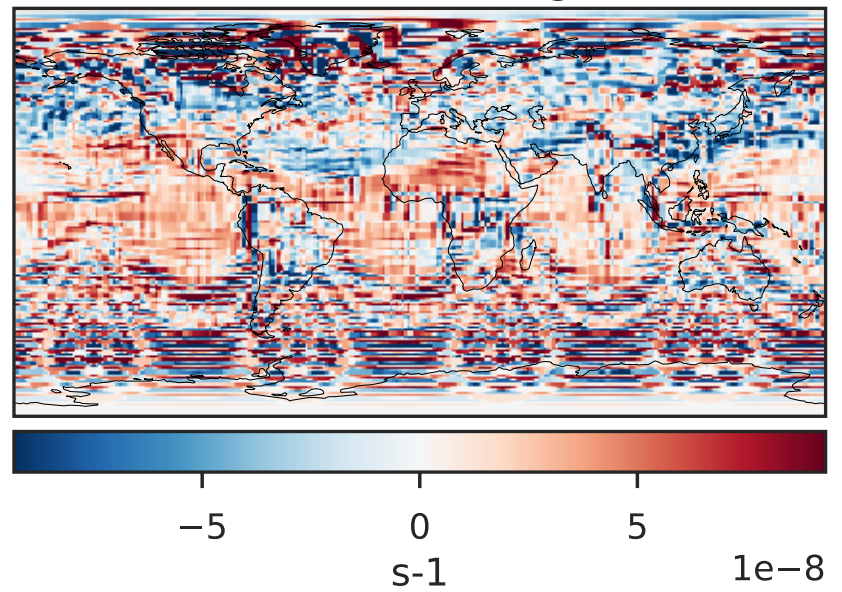
GCHP\_14.2.0 (Dev)  
c24



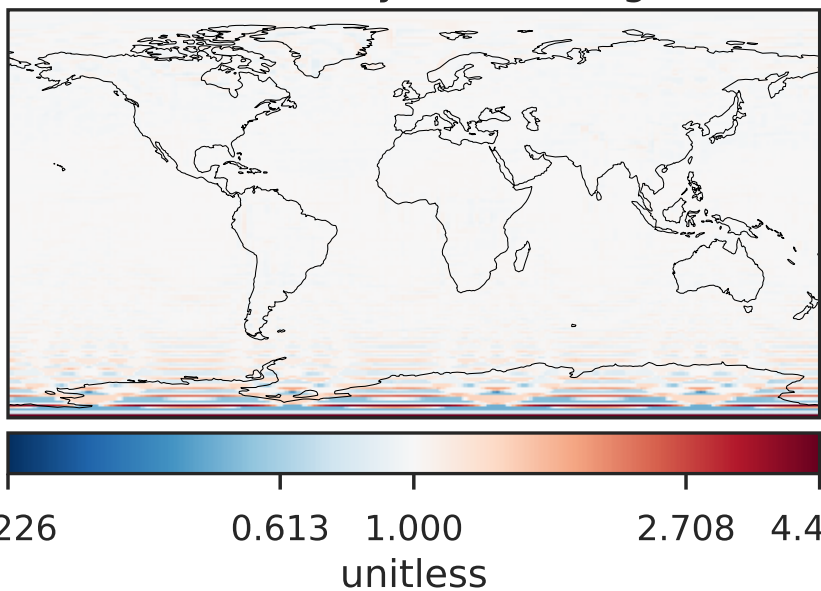
Difference (1x1.25)  
Dev - Ref, Dynamic Range



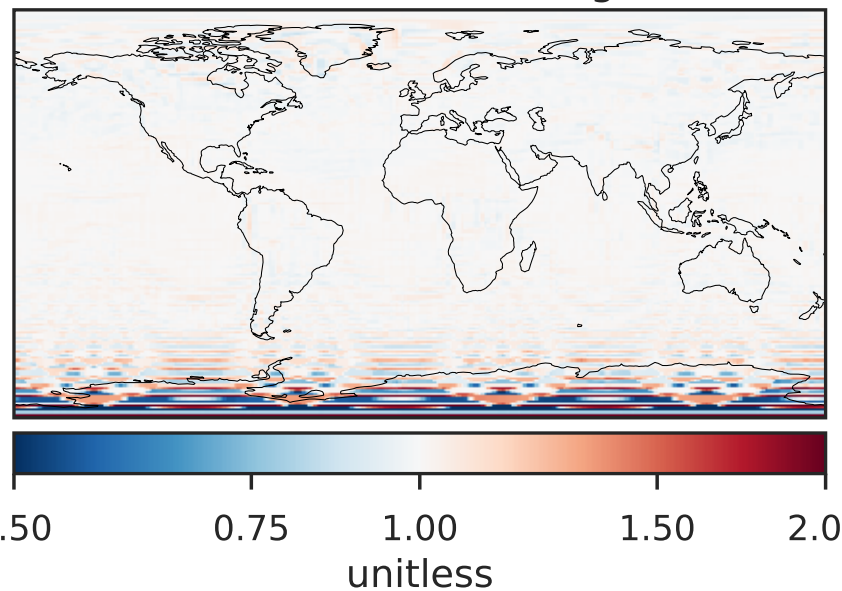
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



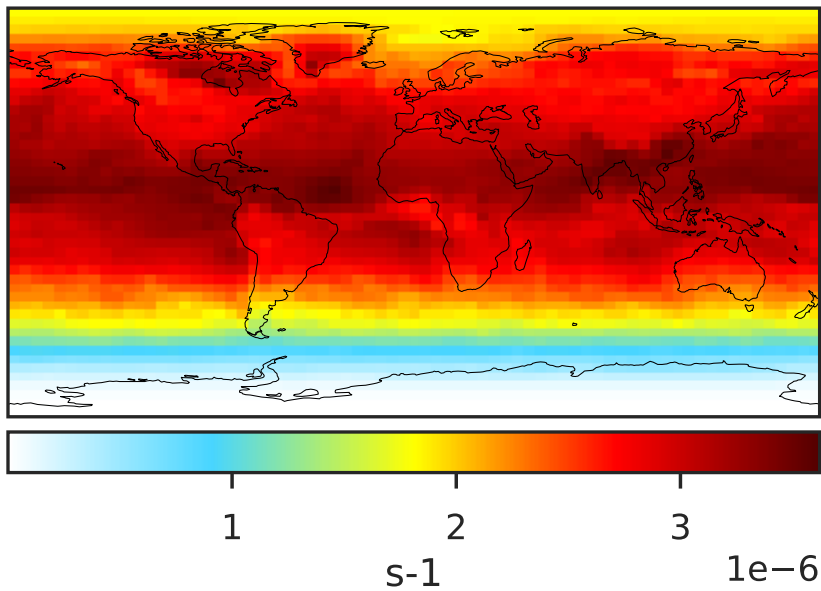
Ratio (1x1.25)  
Dev/Ref, Fixed Range



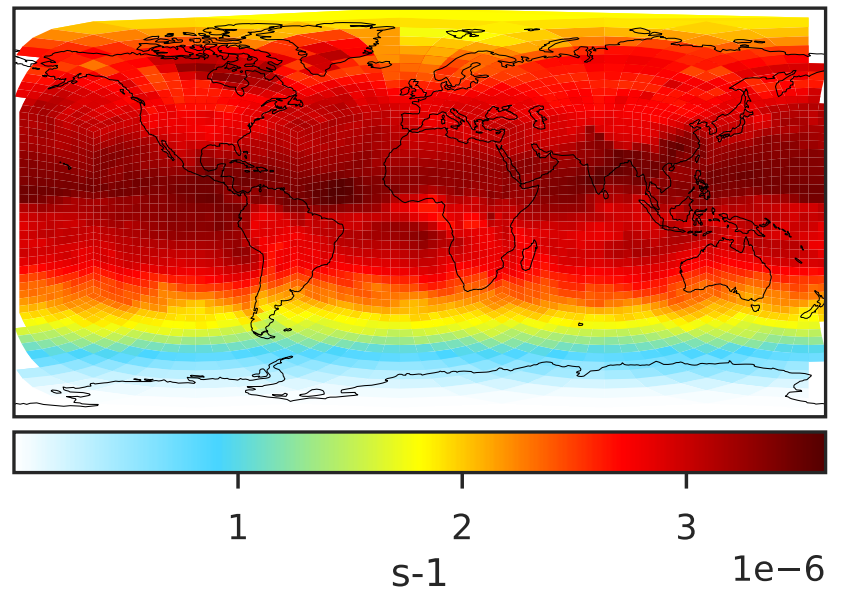


# Jval\_RIPD (Apr2019)

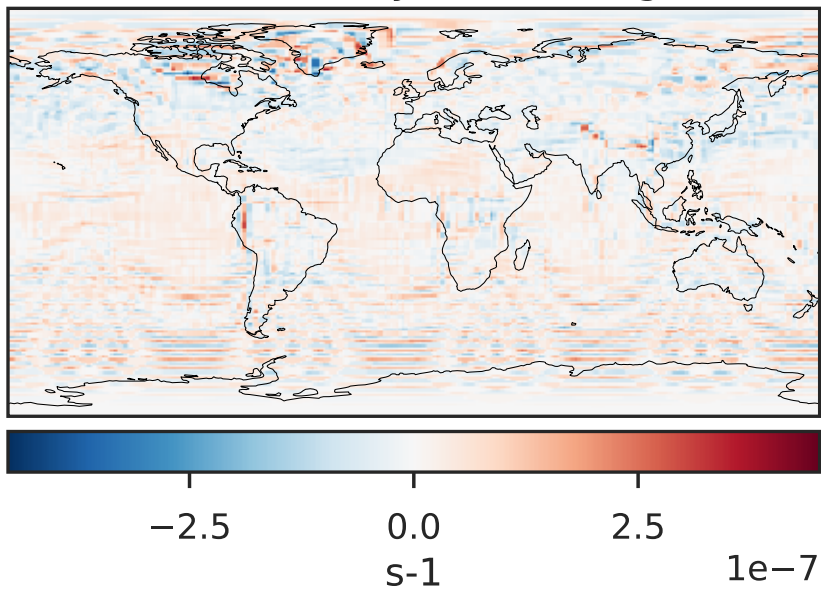
GCC\_14.2.0 (Ref)  
4.0x5.0



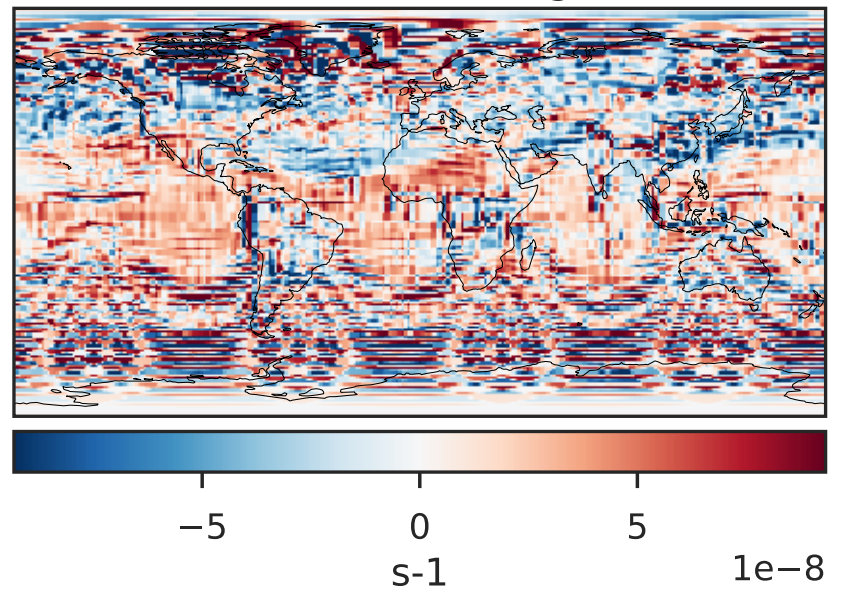
GCHP\_14.2.0 (Dev)  
c24



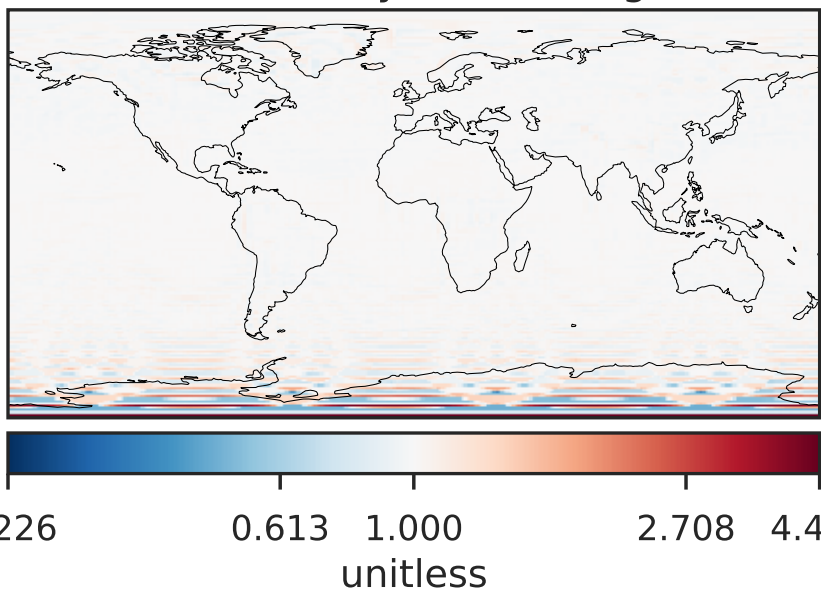
Difference (1x1.25)  
Dev - Ref, Dynamic Range



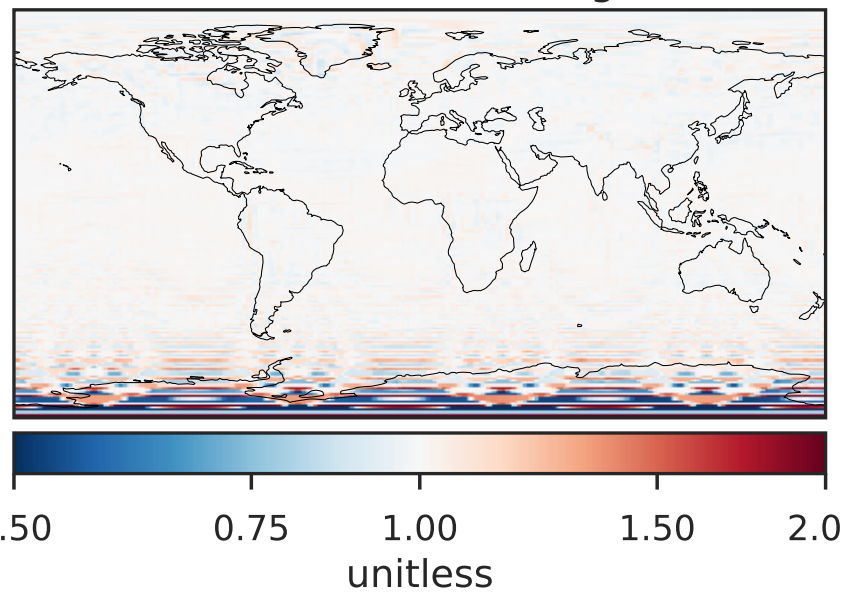
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

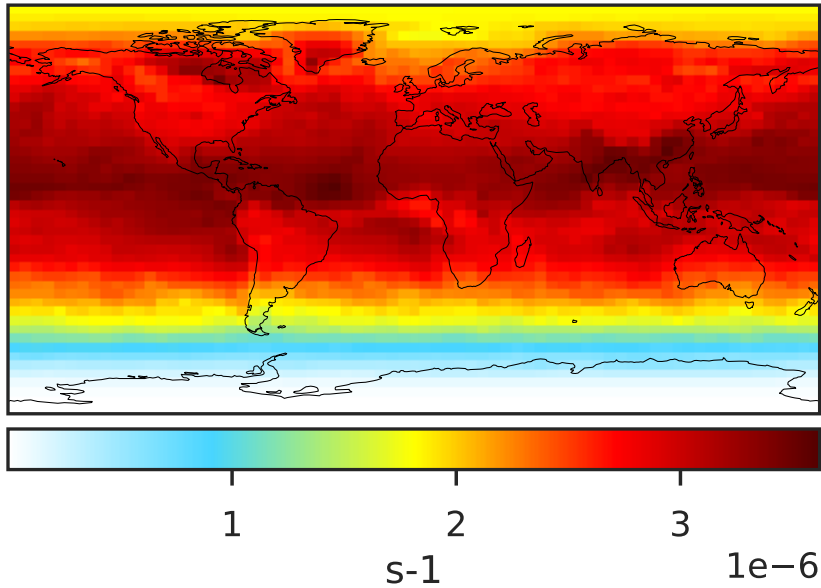


Ratio (1x1.25)  
Dev/Ref, Fixed Range

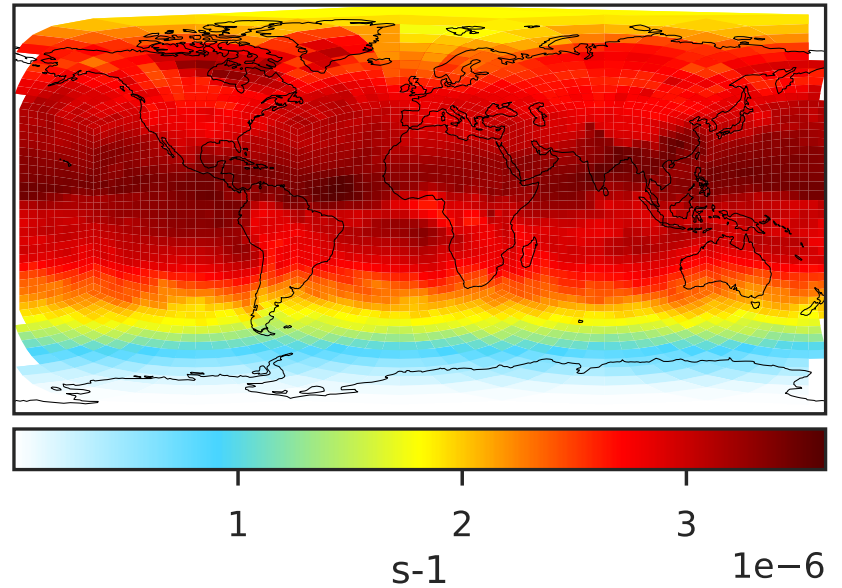


# Jval\_RP (Apr2019)

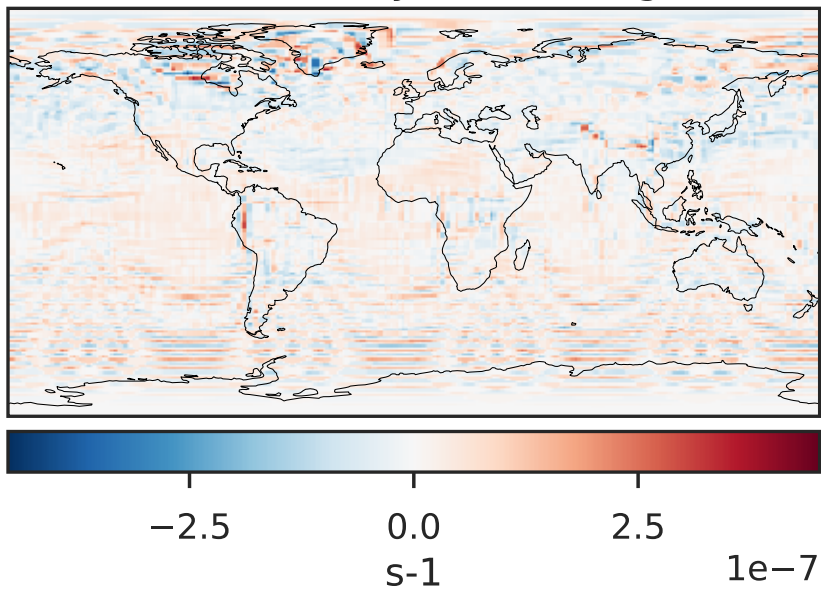
GCC\_14.2.0 (Ref)  
4.0x5.0



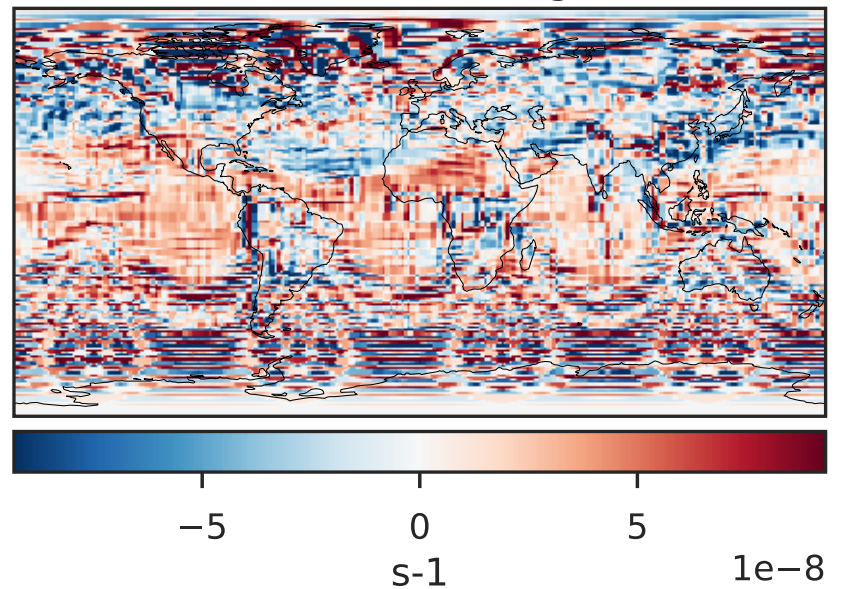
GCHP\_14.2.0 (Dev)  
c24



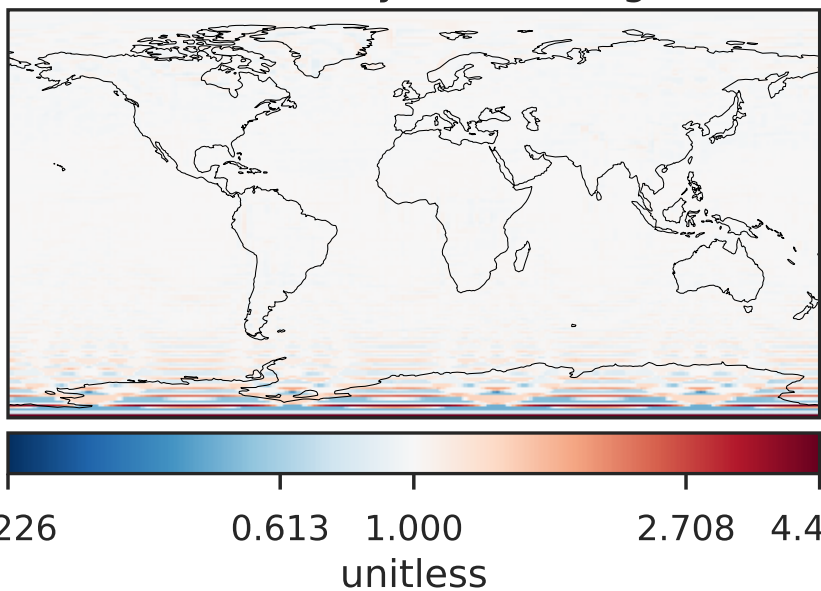
Difference (1x1.25)  
Dev - Ref, Dynamic Range



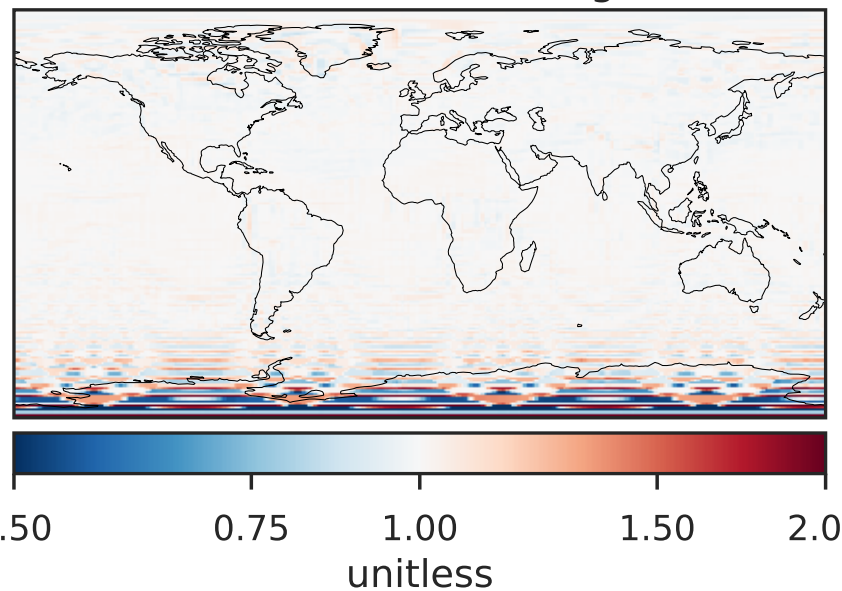
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



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





# Jval\_SO4 (Apr2019)

GCC\_14.2.0 (Ref)  
4.0x5.0



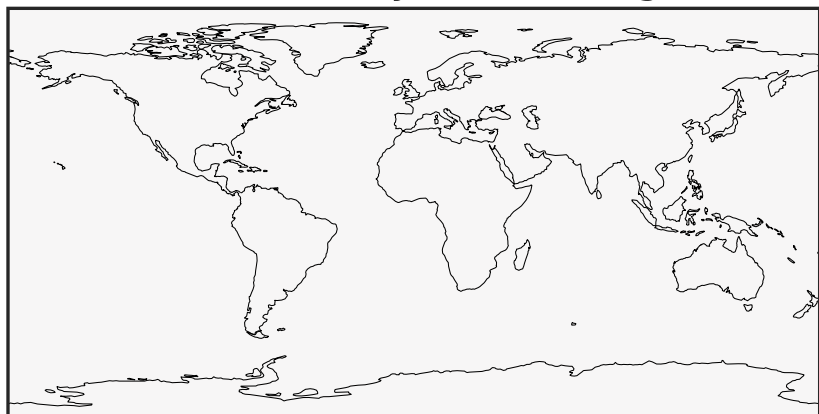
Zero throughput domain  
s-1

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%]



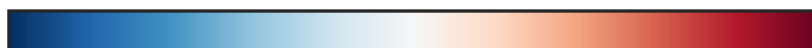
Zero throughput domain  
s-1

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



Undefined throughput domain  
unitless

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



Undefined throughput domain  
unitless