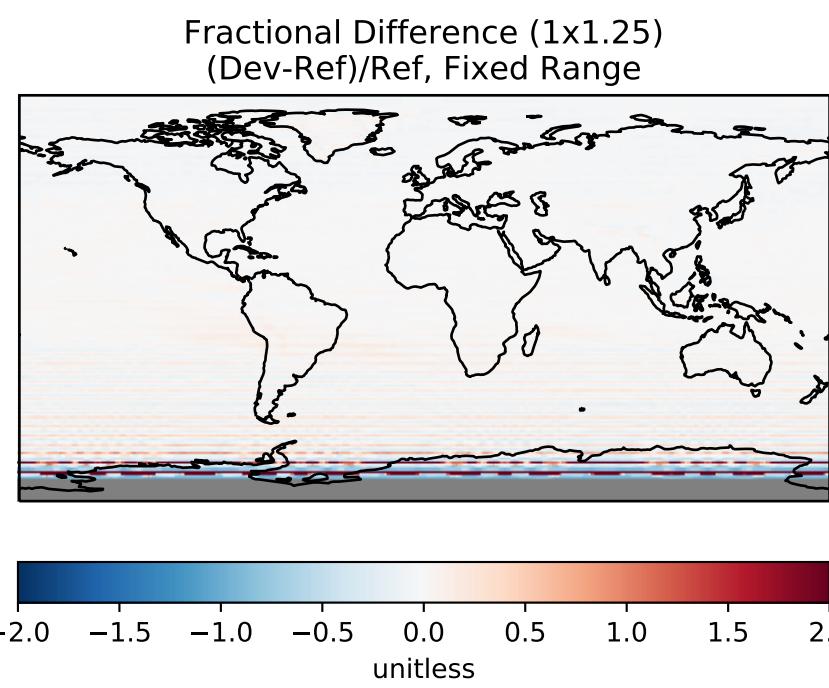
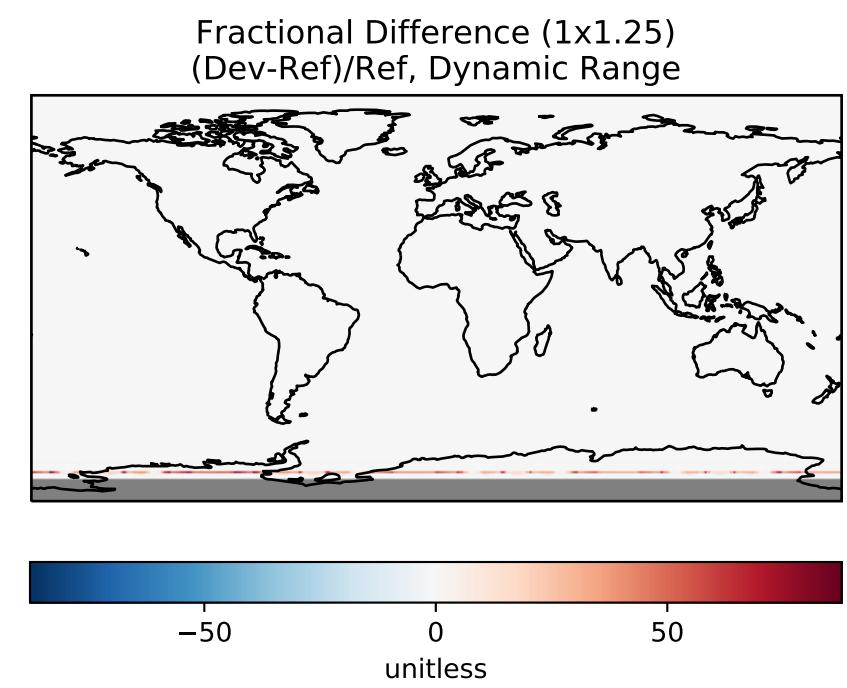
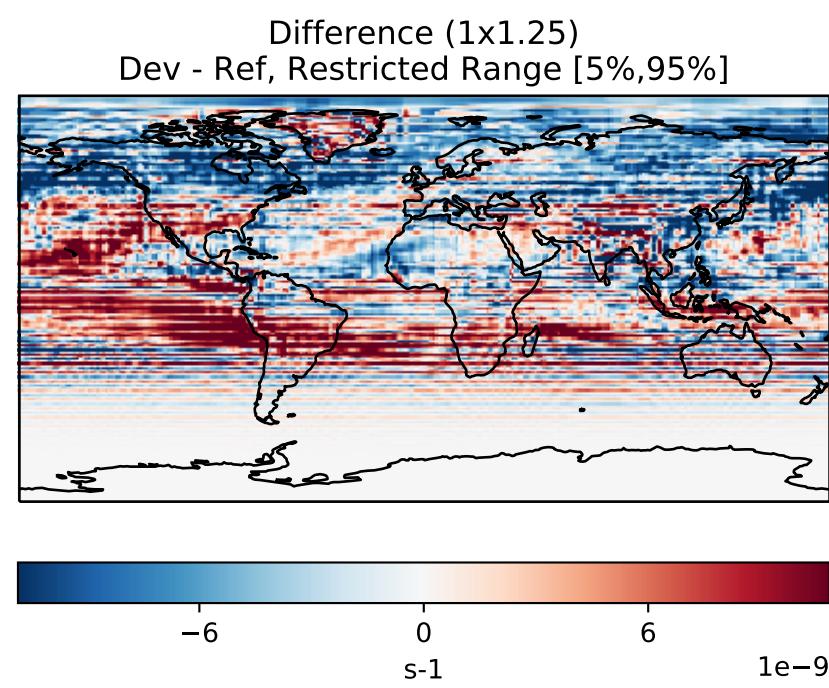
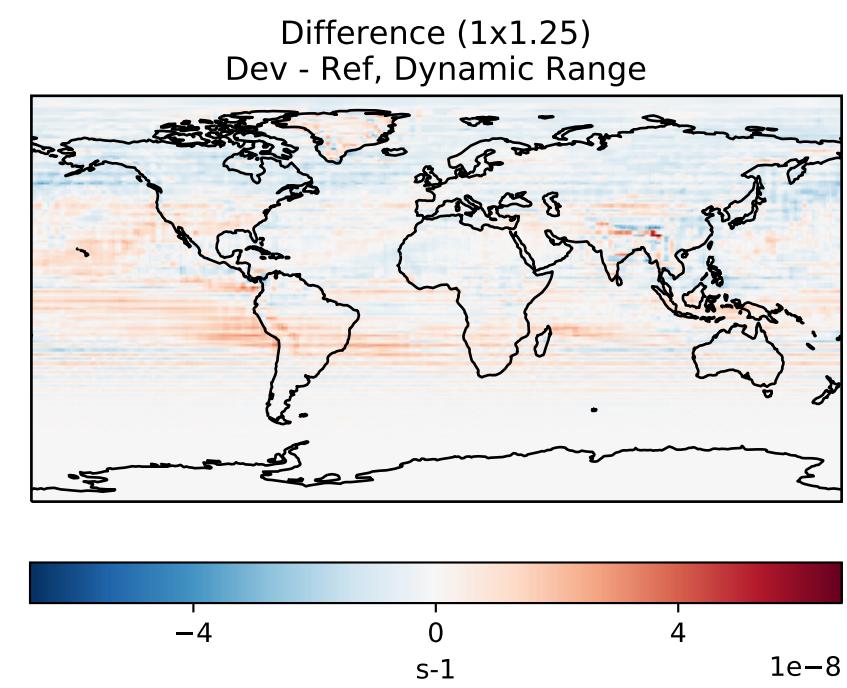
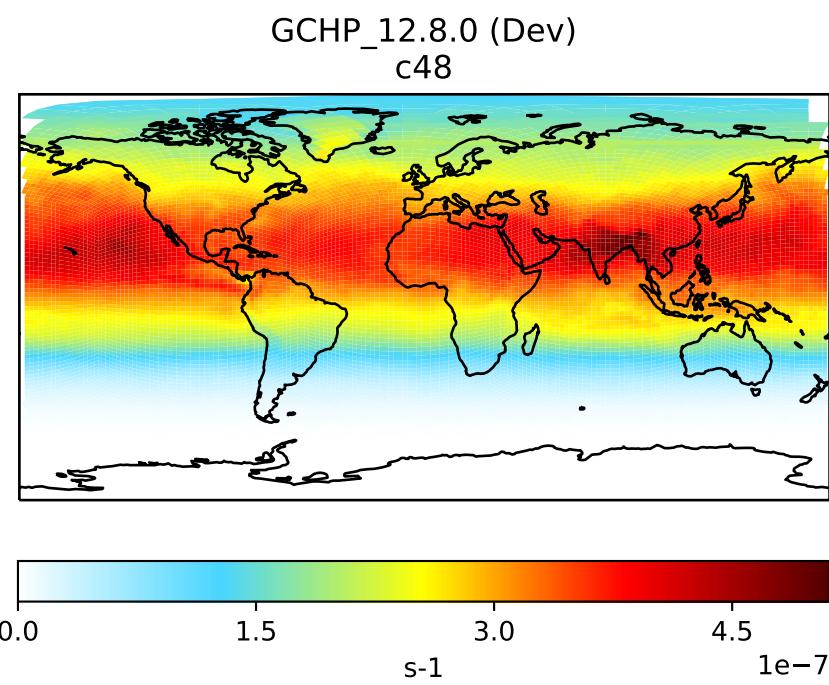
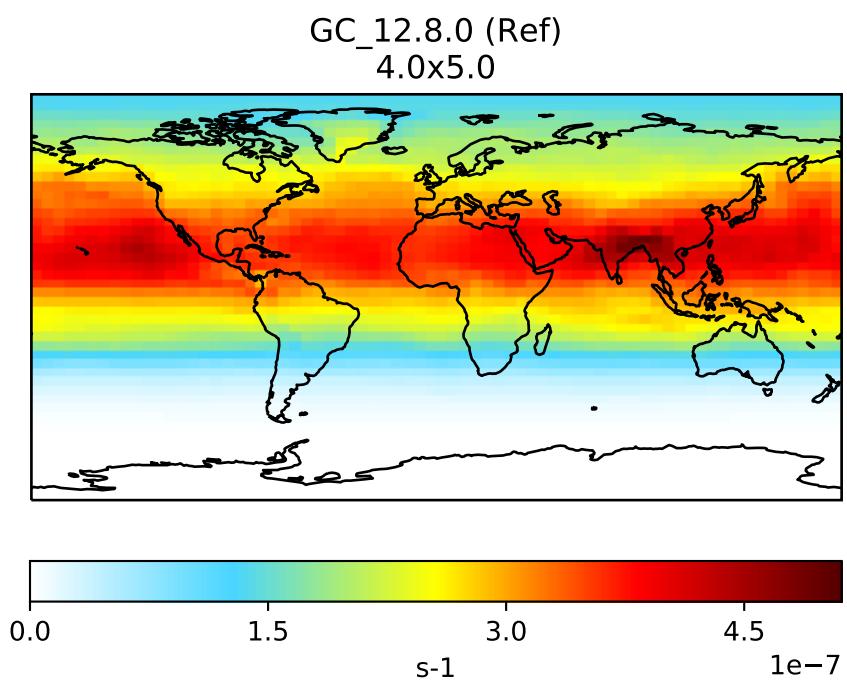
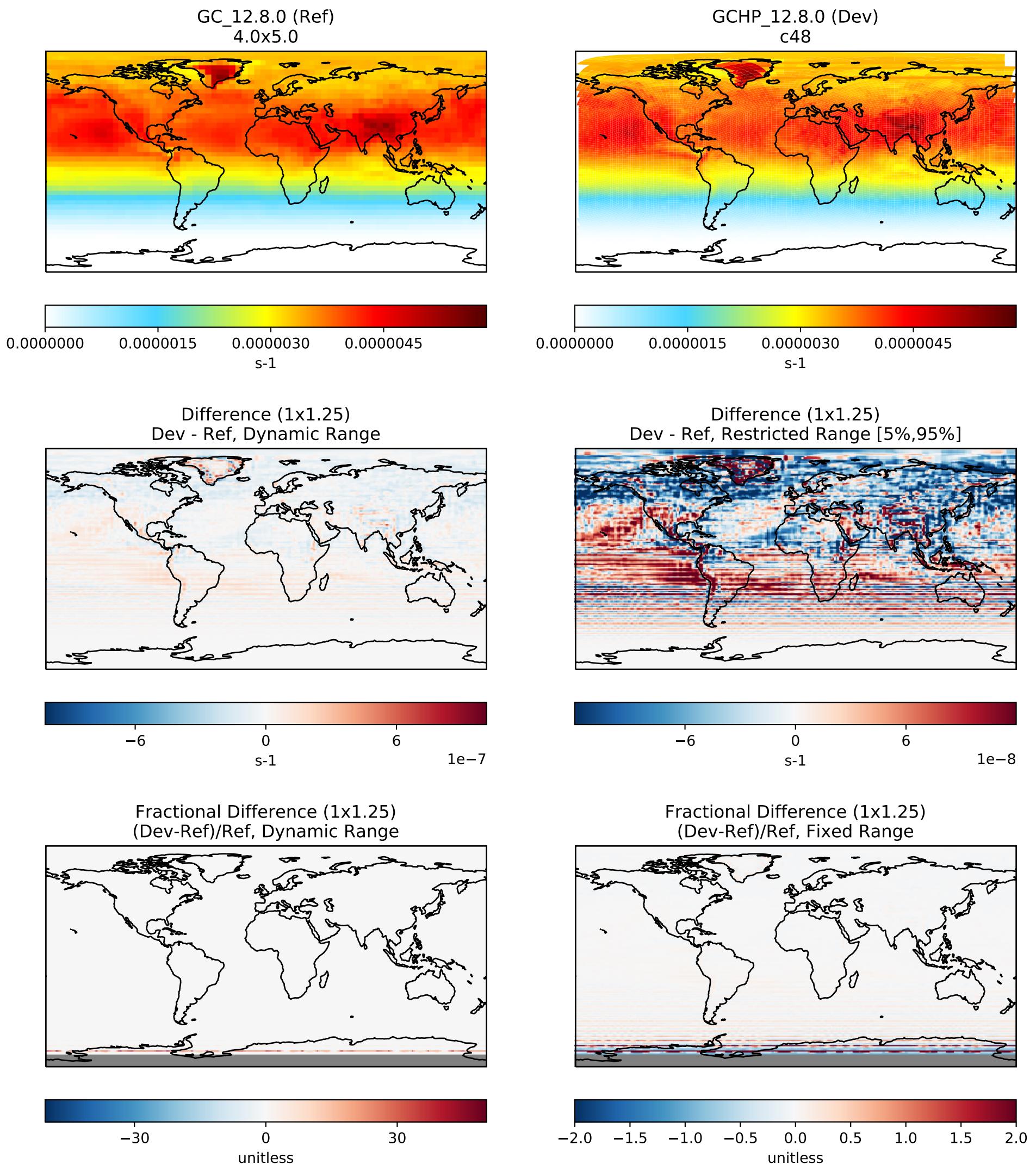


Jval_ACET

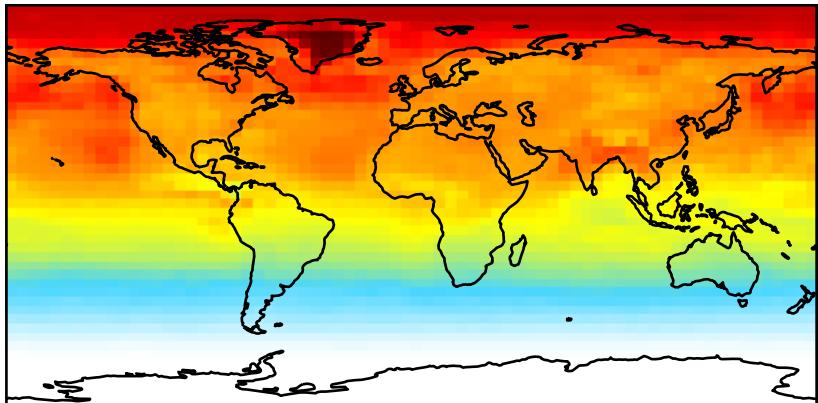


Jval_ALD2

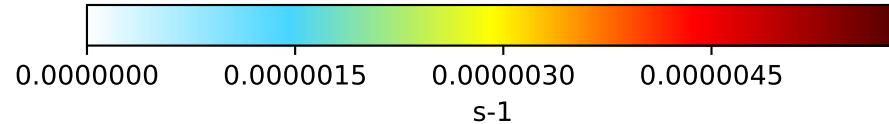
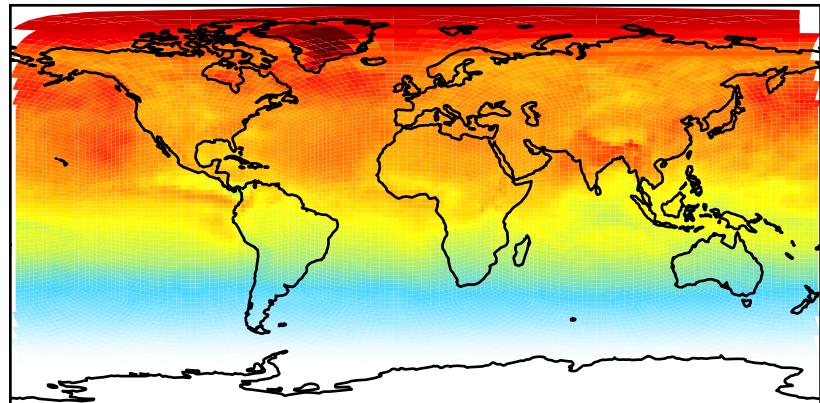


Jval_ATOOH

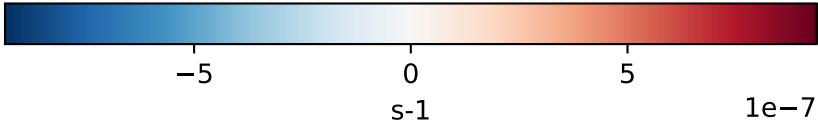
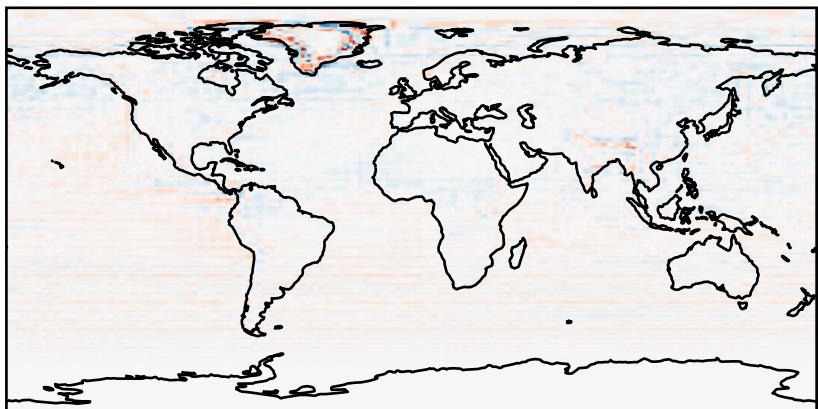
GC_12.8.0 (Ref)
4.0x5.0



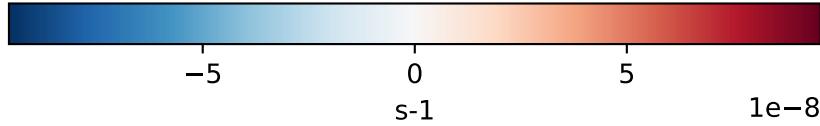
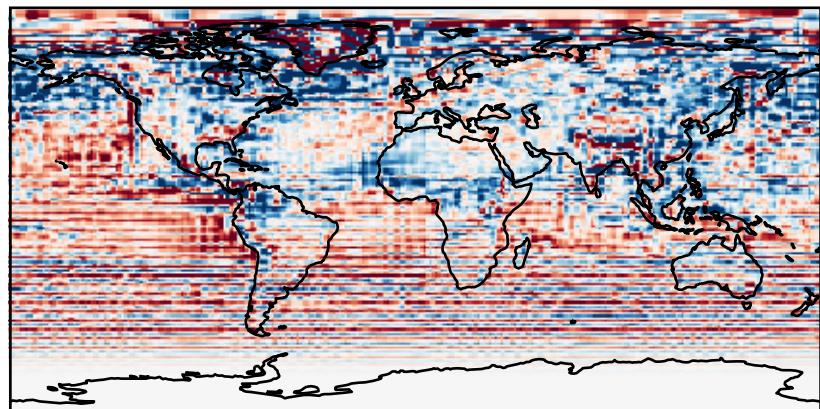
GCHP_12.8.0 (Dev)
c48



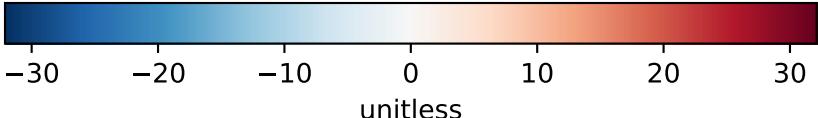
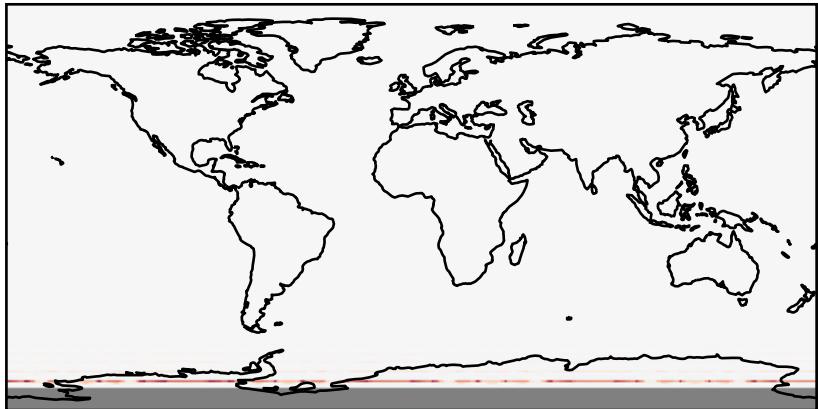
Difference (1x1.25)
Dev - Ref, Dynamic Range



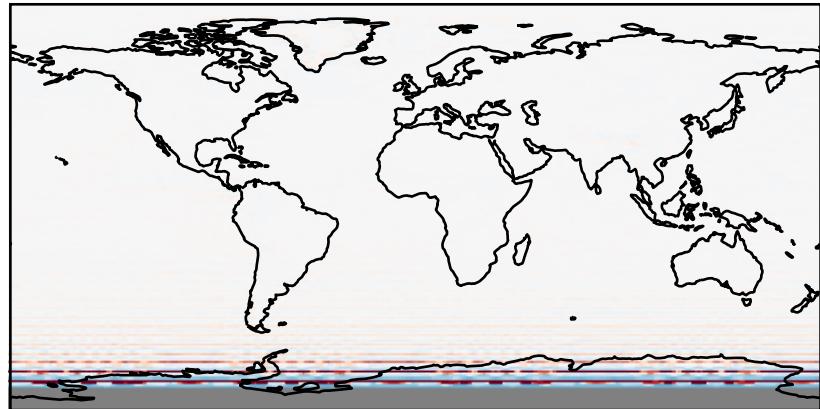
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



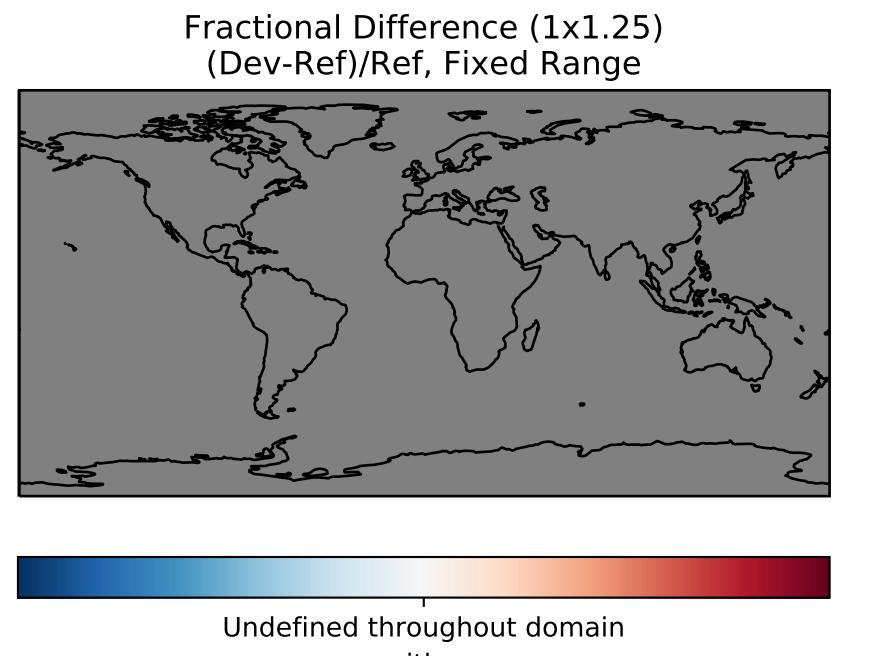
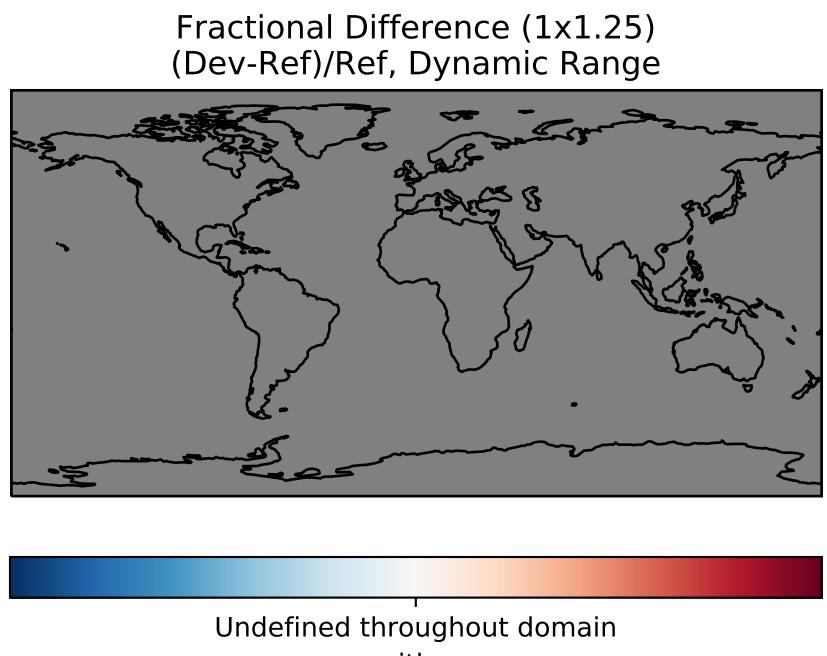
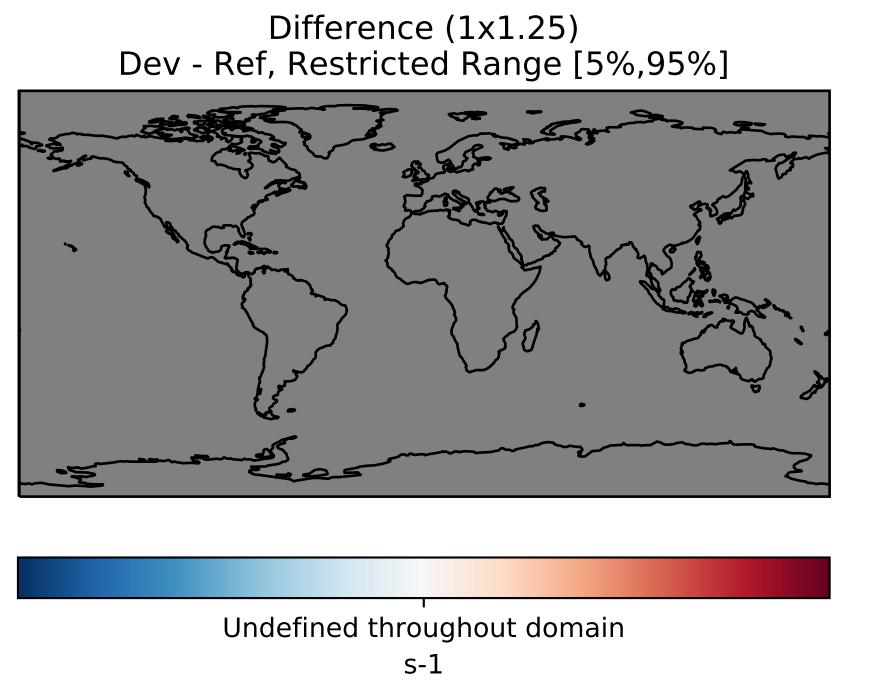
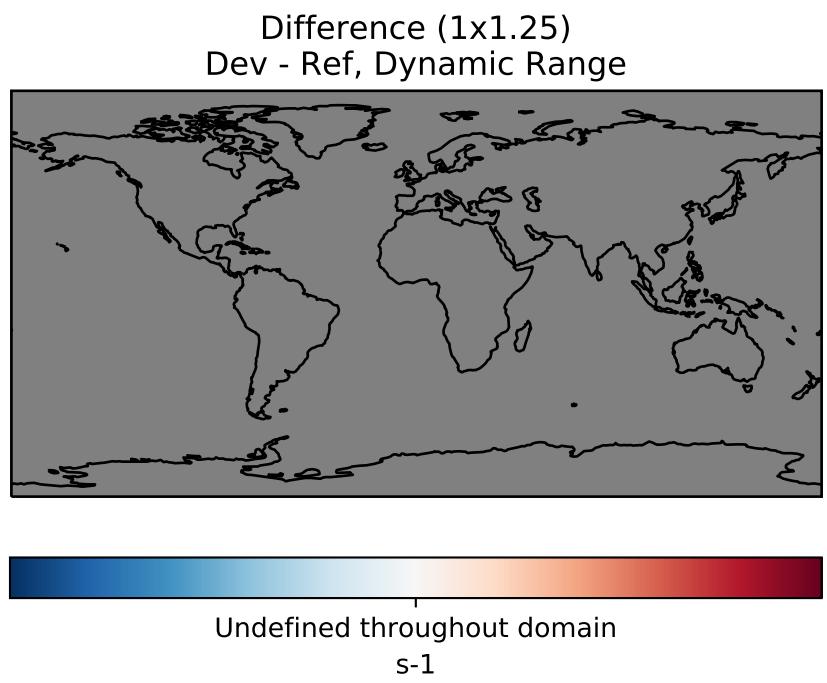
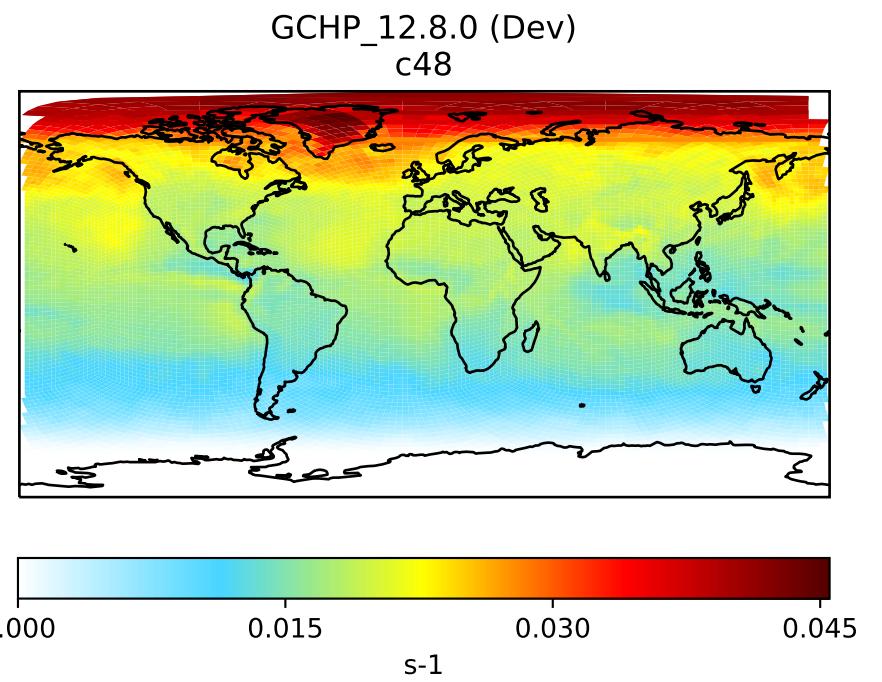
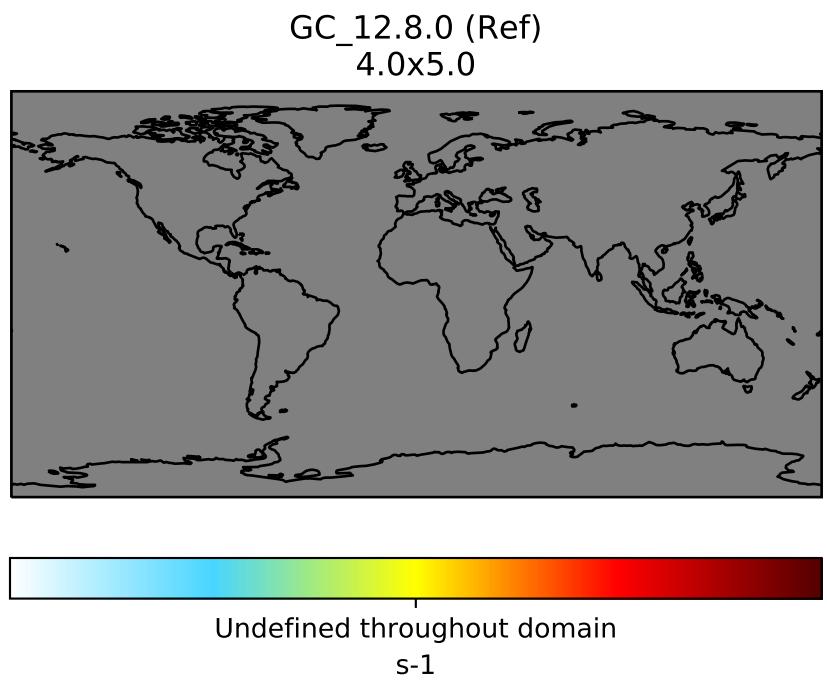
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

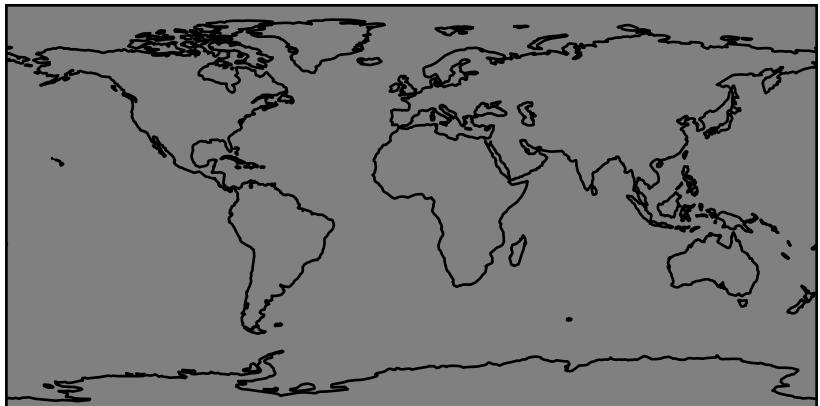


Jval_BR2



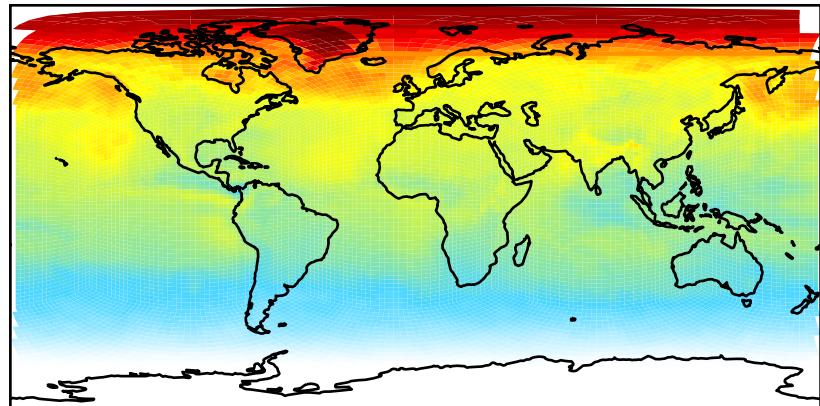
Jval_BRCL

GC_12.8.0 (Ref)
4.0x5.0



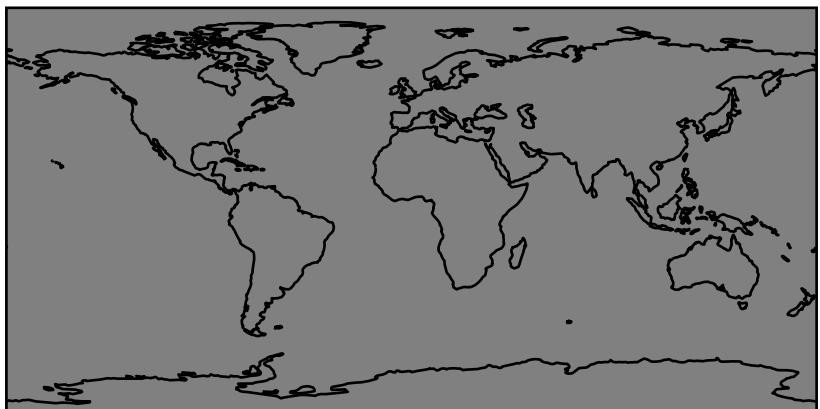
Undefined throughout domain
s-1

GCHP_12.8.0 (Dev)
c48



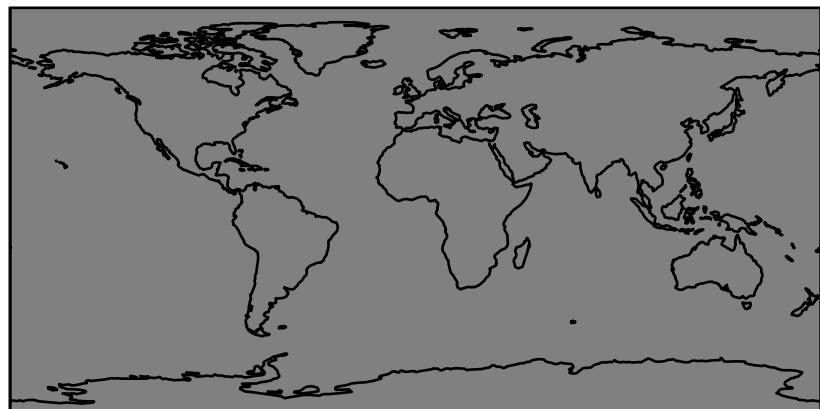
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s-1

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



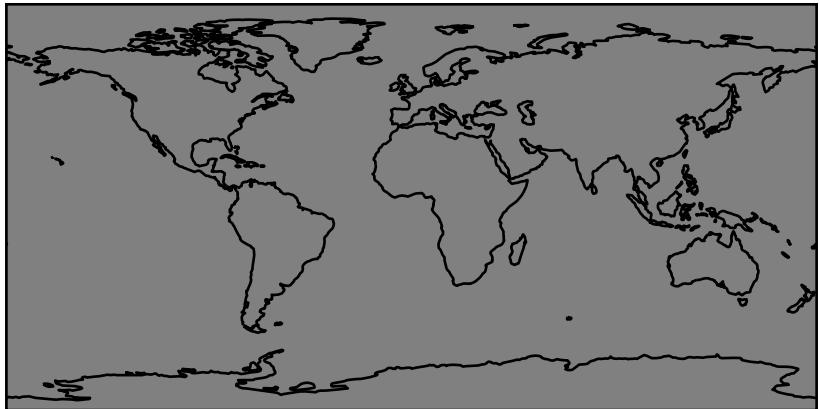
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s-1

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



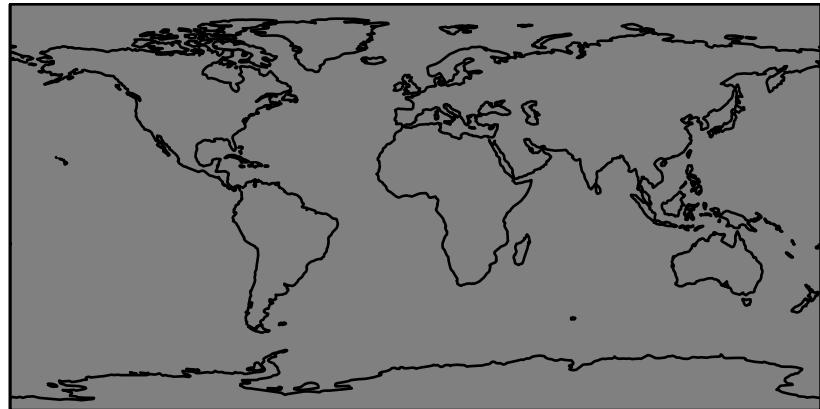
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s-1

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



Undefined throughout domain
unitless

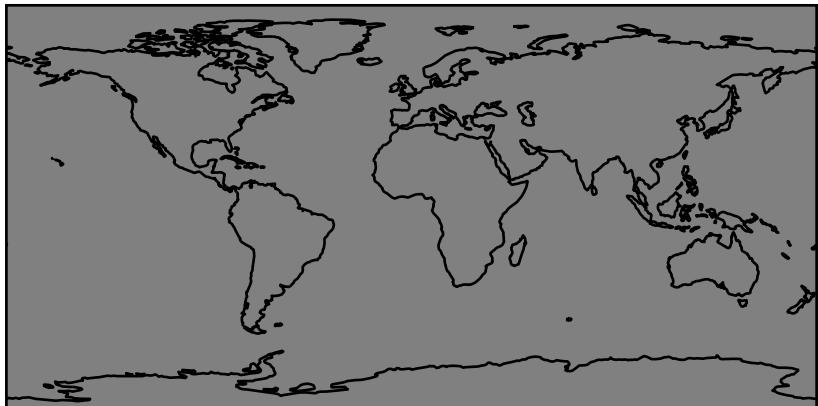
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



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unitless

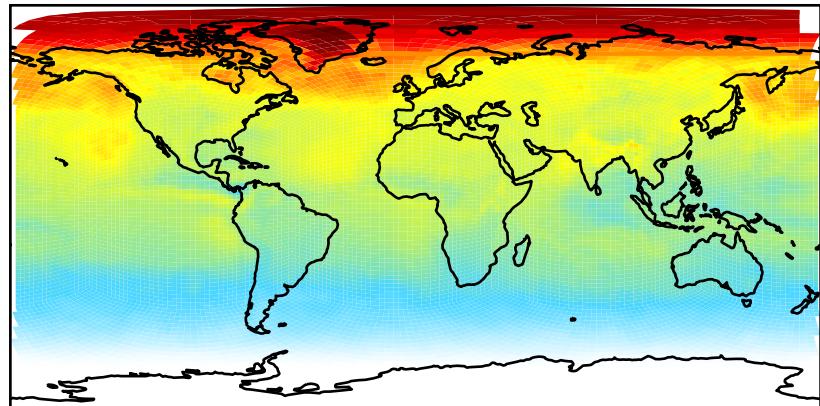
Jval_BRNO2

GC_12.8.0 (Ref)
4.0x5.0



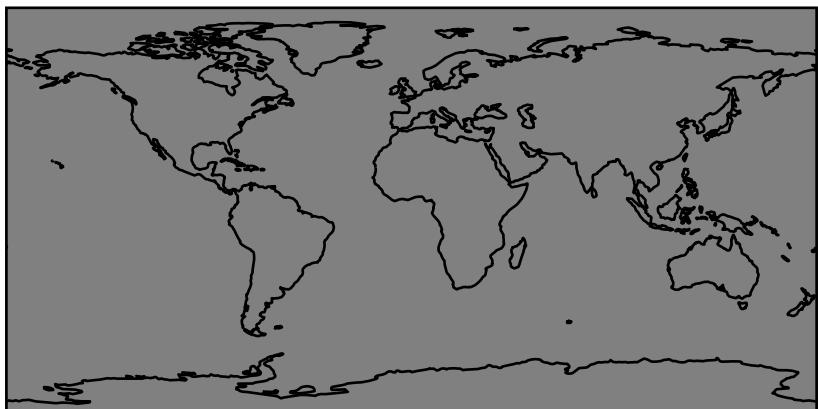
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s-1

GCHP_12.8.0 (Dev)
c48



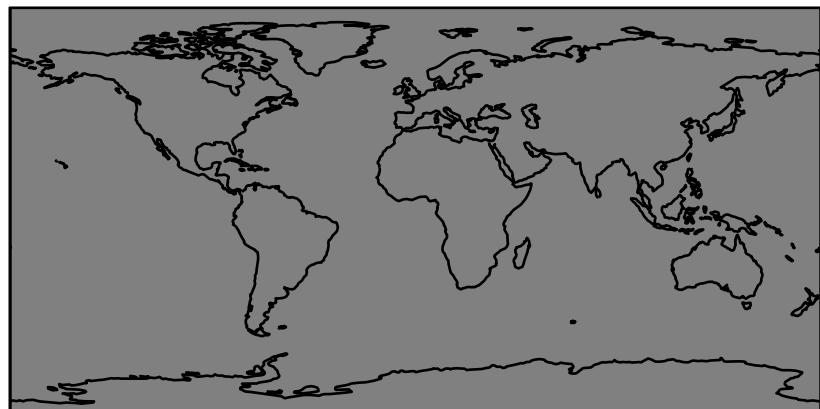
0.0000 0.0025 0.0050 0.0075
s-1

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



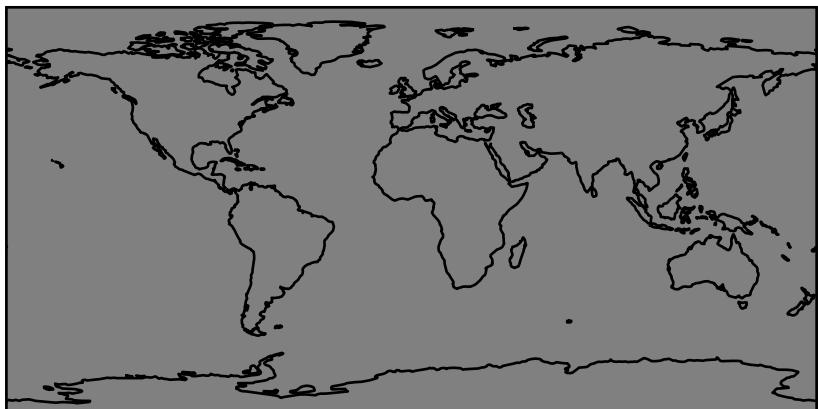
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s-1

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



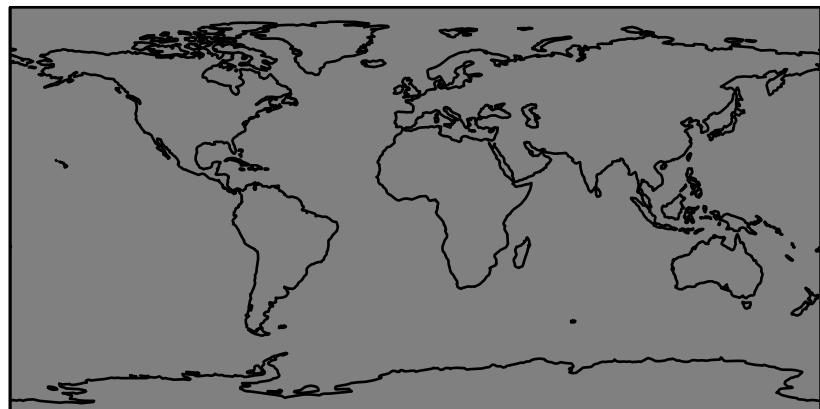
Undefined throughout domain
s-1

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



Undefined throughout domain
unitless

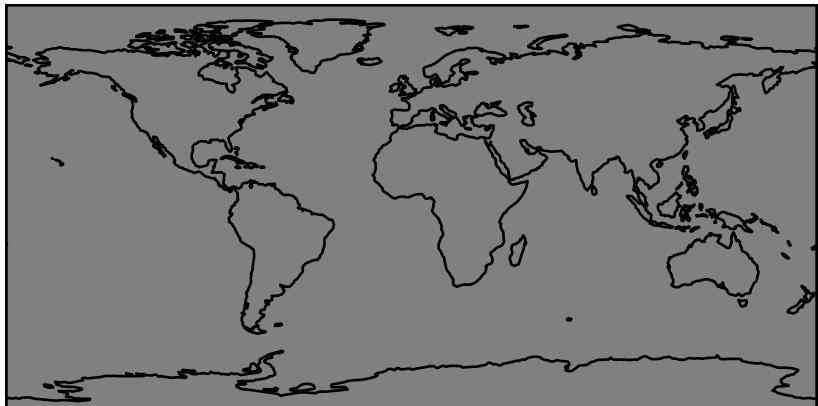
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



Undefined throughout domain
unitless

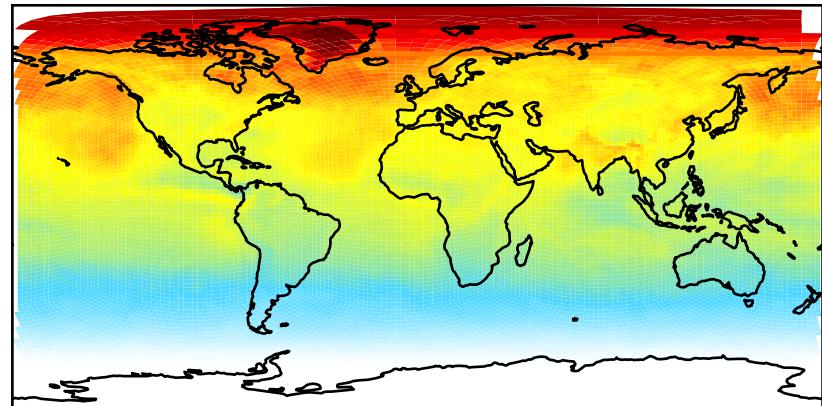
Jval_BRNO3

GC_12.8.0 (Ref)
4.0x5.0



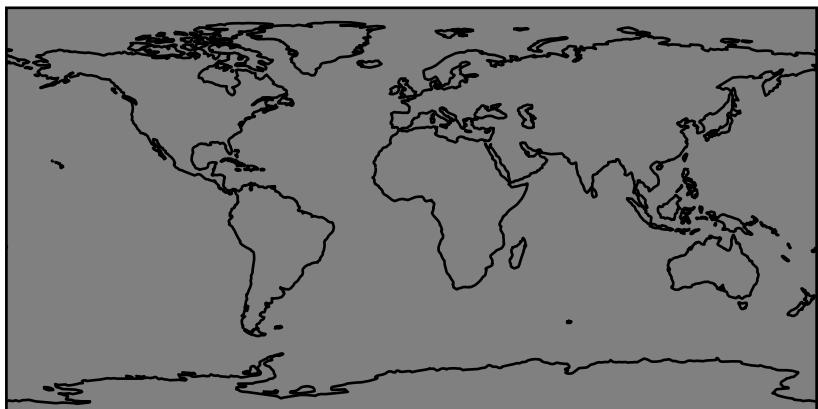
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s-1

GCHP_12.8.0 (Dev)
c48



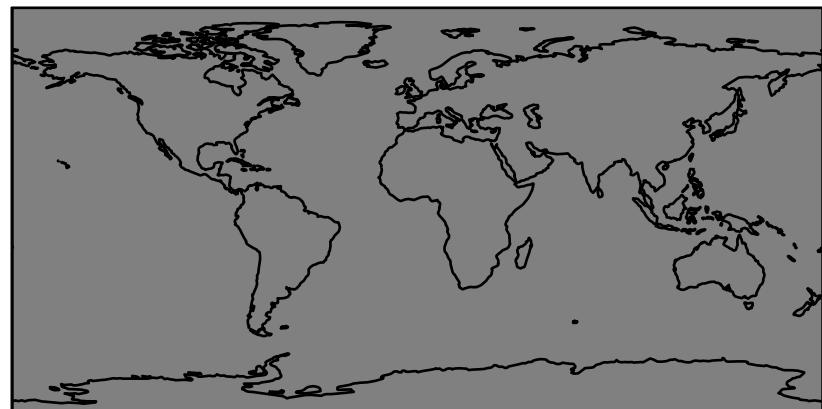
0.0000 0.0005 0.0010 0.0015
s-1

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



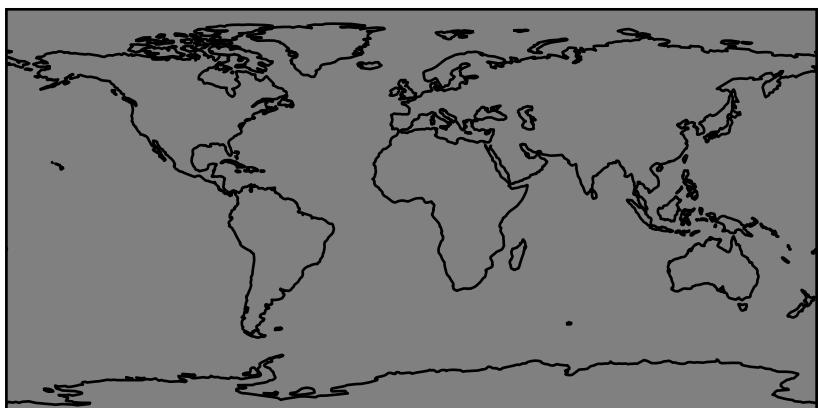
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s-1

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



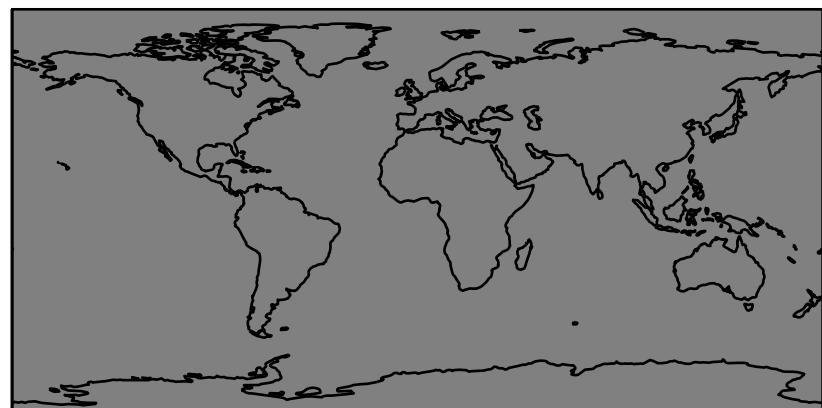
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s-1

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



Undefined throughout domain
unitless

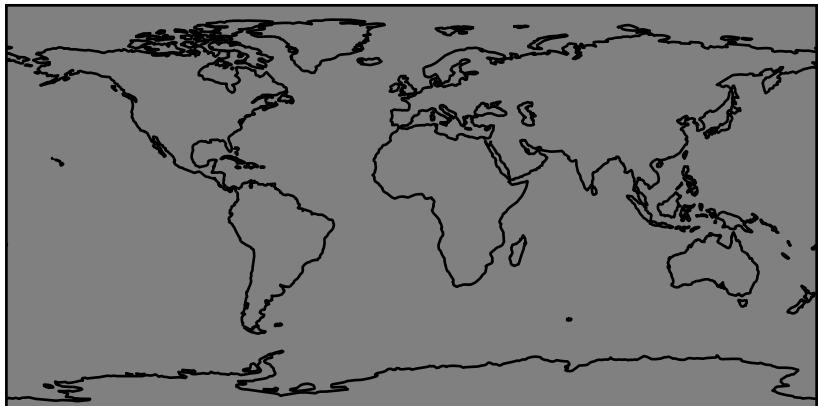
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



Undefined throughout domain
unitless

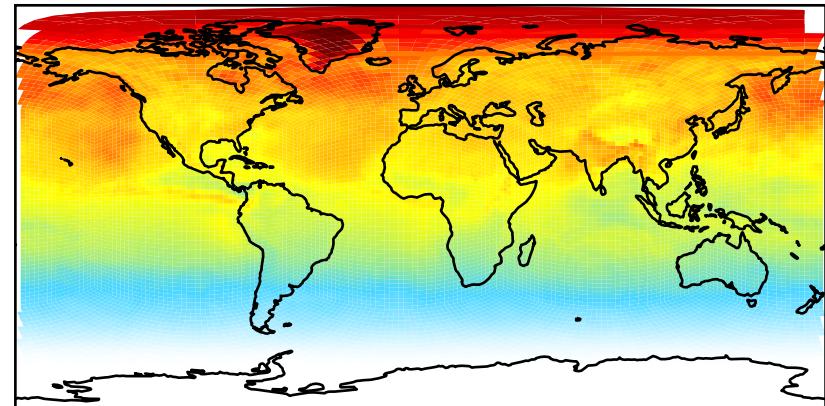
Jval_BRO

GC_12.8.0 (Ref)
4.0x5.0



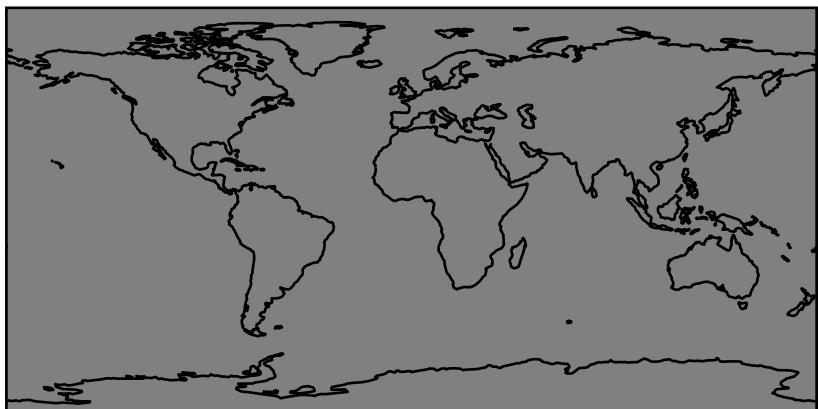
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s-1

GCHP_12.8.0 (Dev)
c48



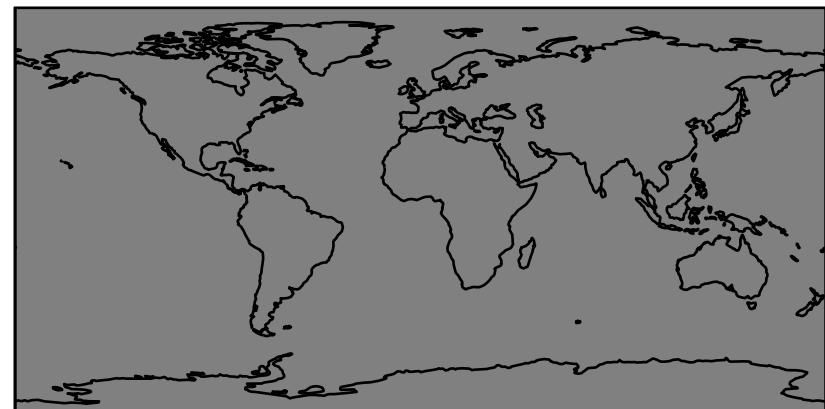
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s-1

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



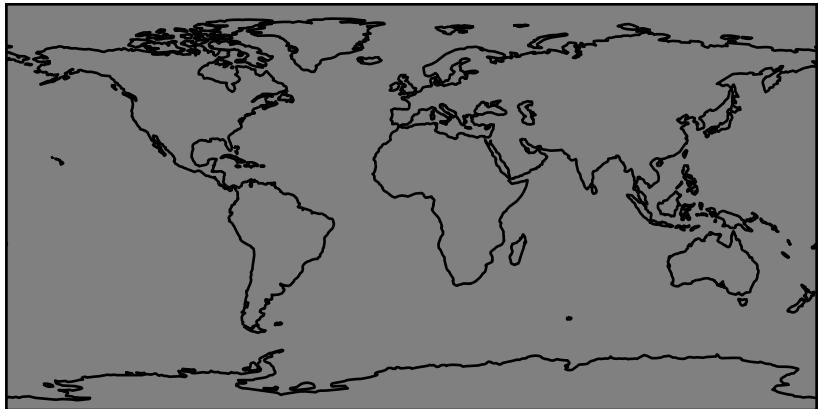
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s-1

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



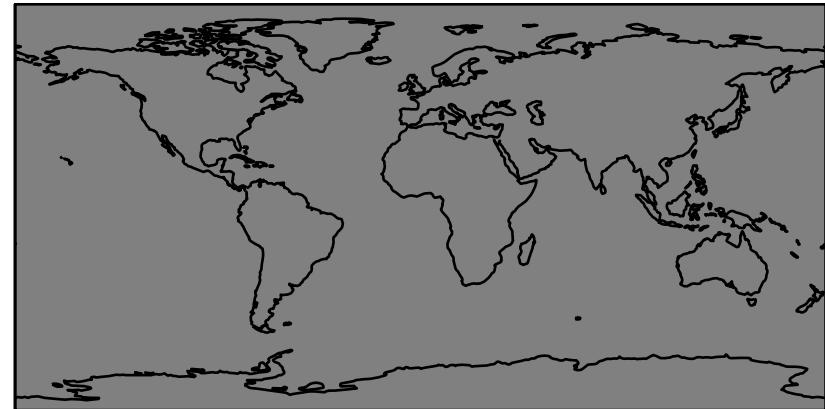
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s-1

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



Undefined throughout domain
unitless

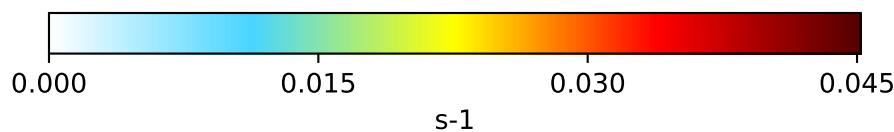
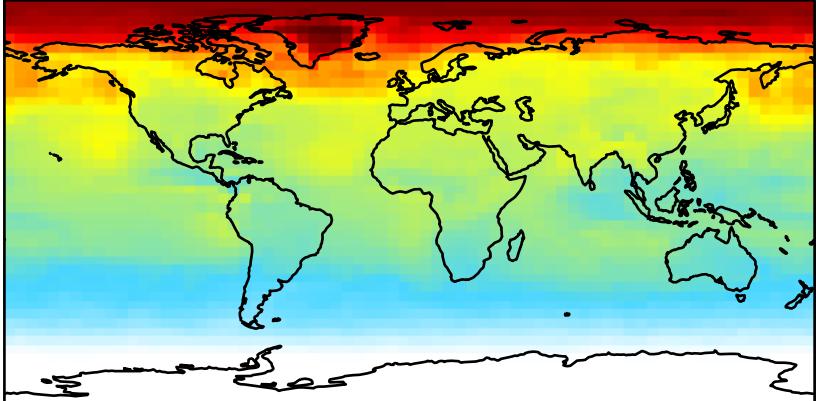
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



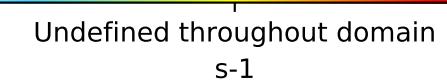
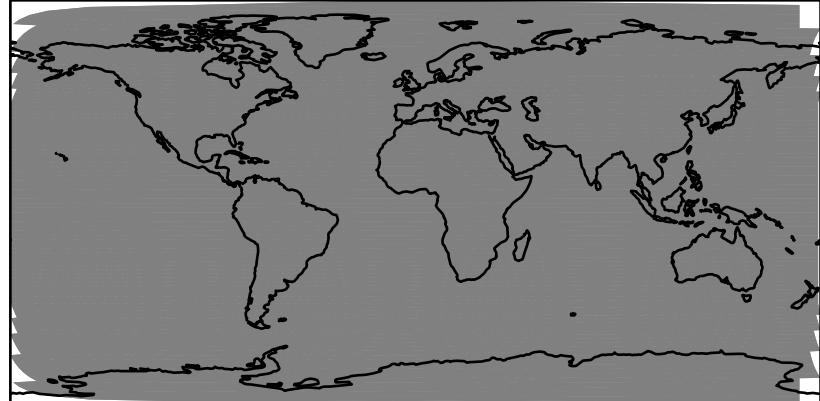
Undefined throughout domain
unitless

Jval_Br2

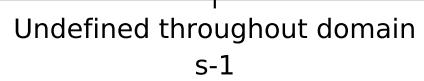
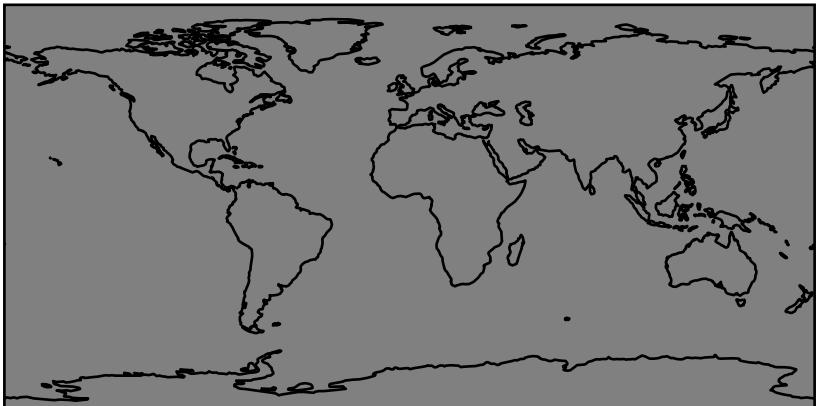
GC_12.8.0 (Ref)
4.0x5.0



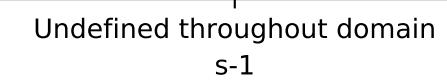
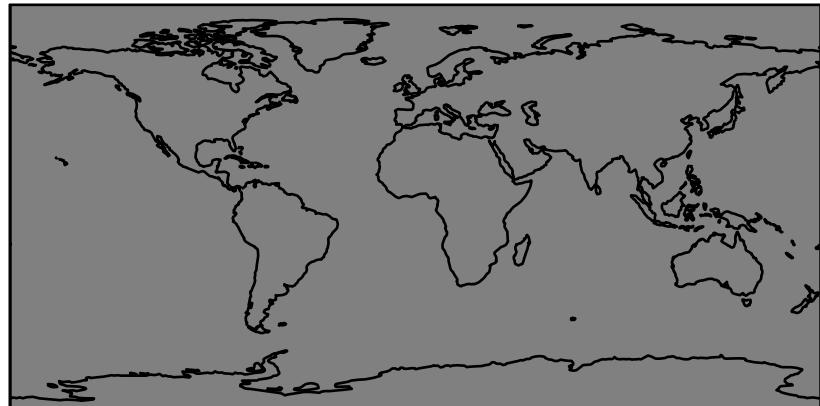
GCHP_12.8.0 (Dev)
c48



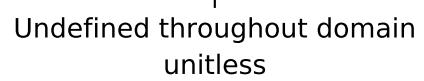
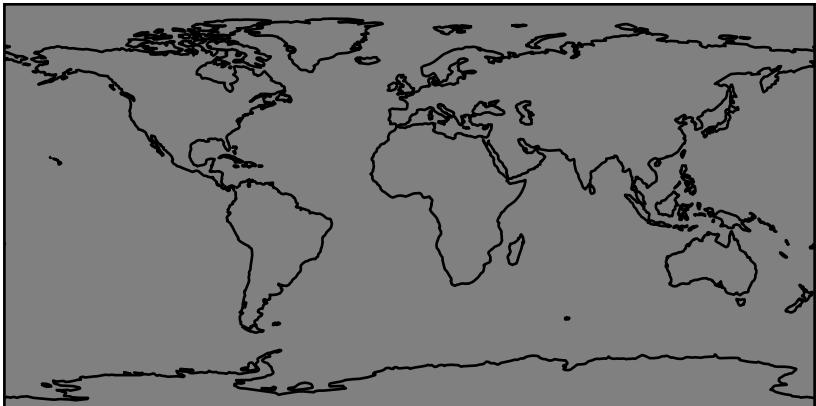
Difference (1x1.25)
Dev - Ref, Dynamic Range



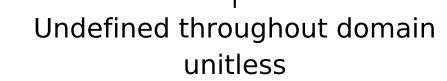
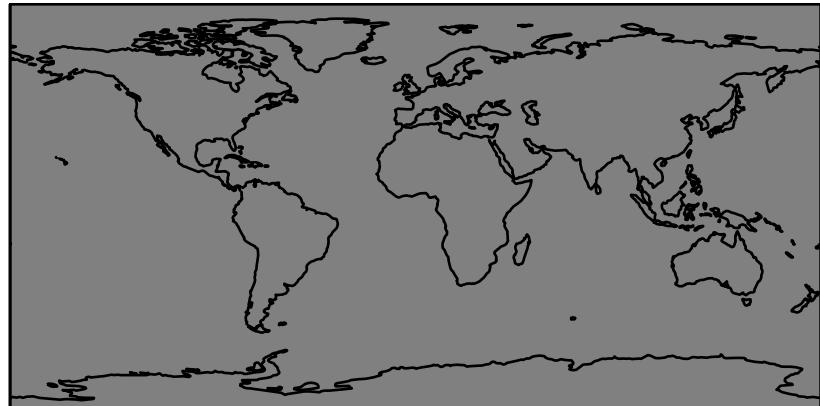
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

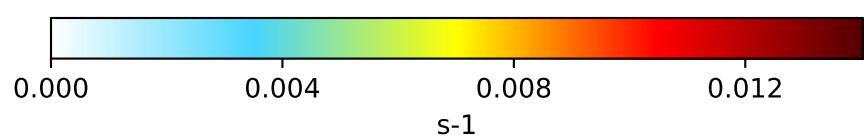
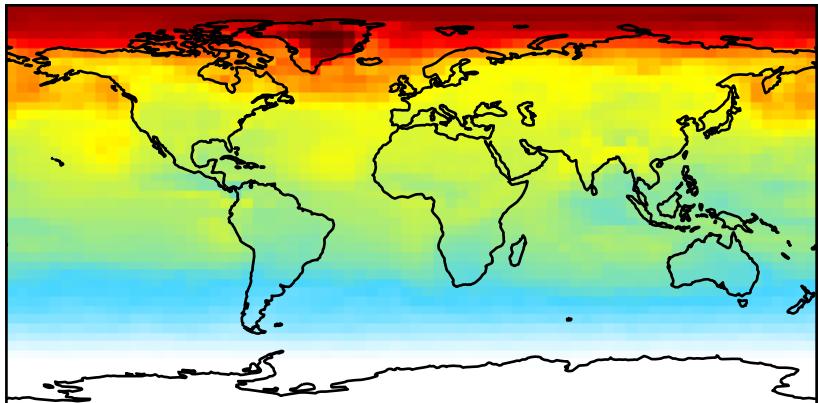


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

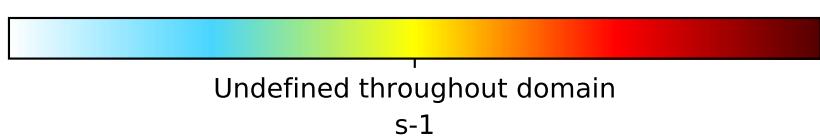
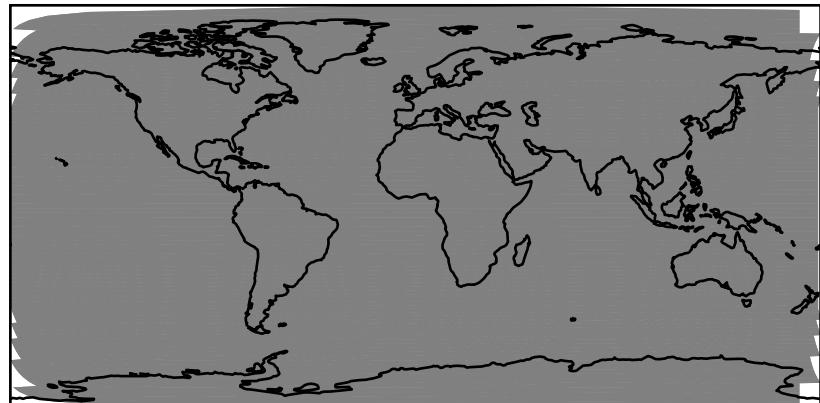


Jval_BrCl

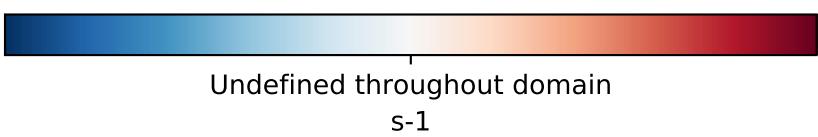
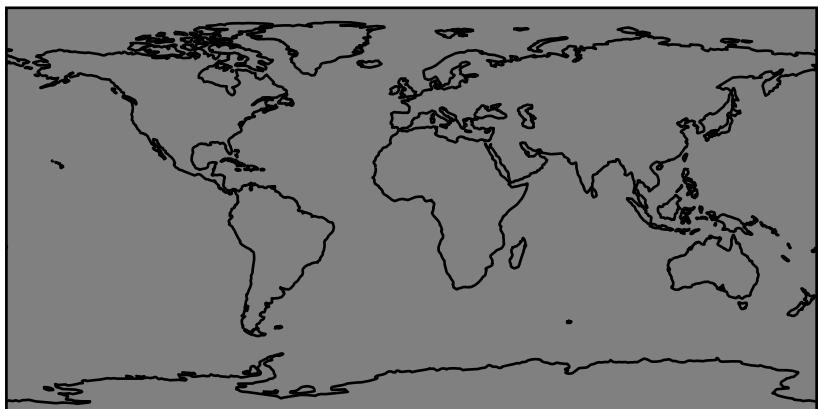
GC_12.8.0 (Ref)
4.0x5.0



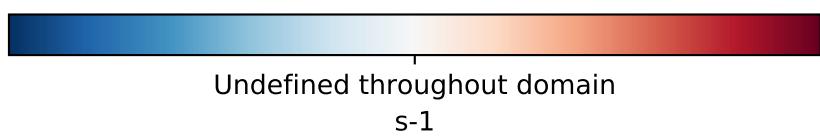
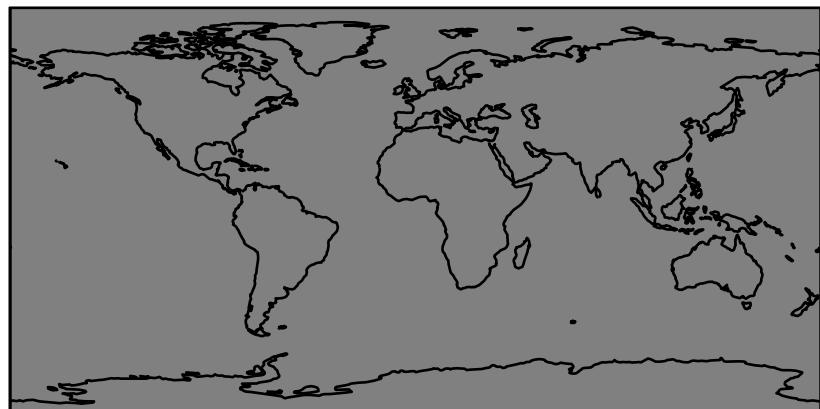
GCHP_12.8.0 (Dev)
c48



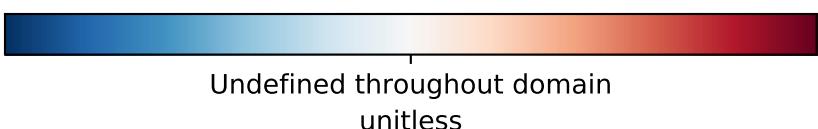
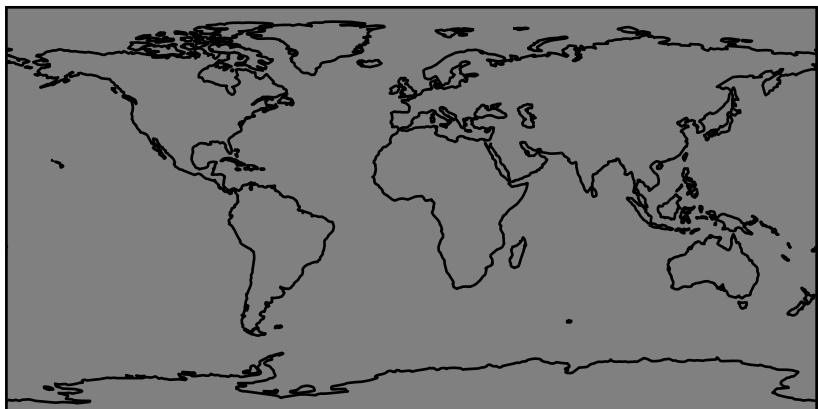
Difference (1x1.25)
Dev - Ref, Dynamic Range



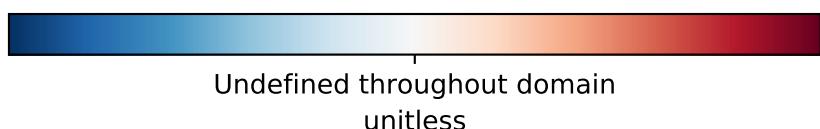
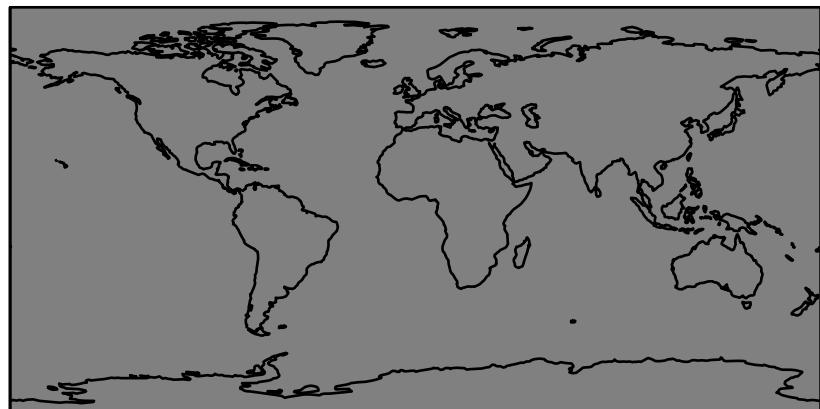
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

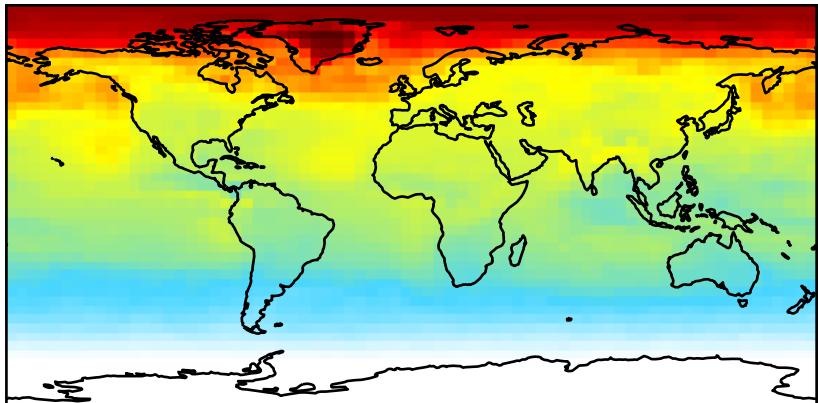


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



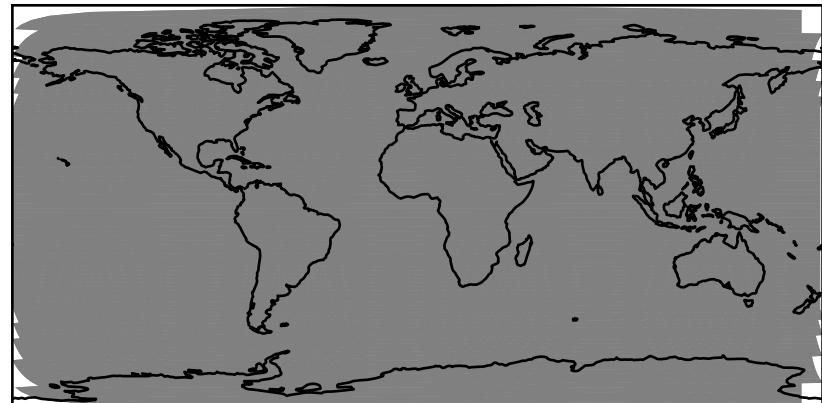
Jval_BrNO2

GC_12.8.0 (Ref)
4.0x5.0



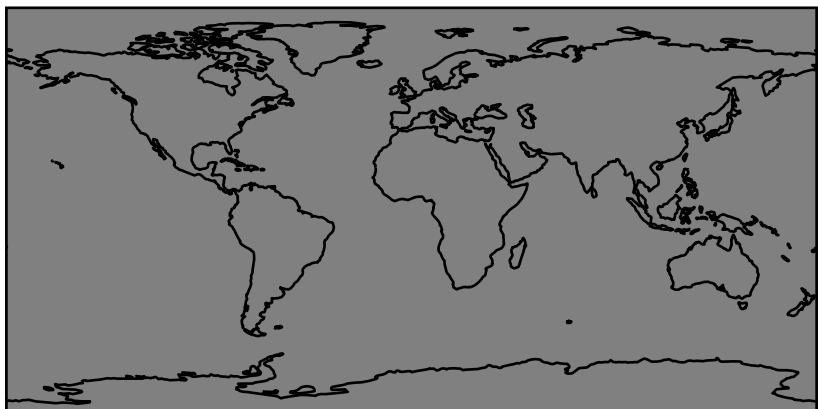
0.0000 0.0025 0.0050 0.0075
s⁻¹

GCHP_12.8.0 (Dev)
c48



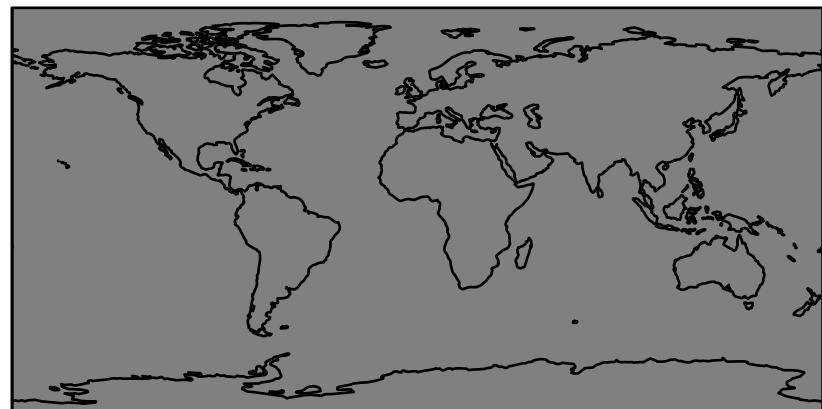
Undefined throughout domain
s⁻¹

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



Undefined throughout domain
s⁻¹

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



Undefined throughout domain
s⁻¹

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



Undefined throughout domain
unitless

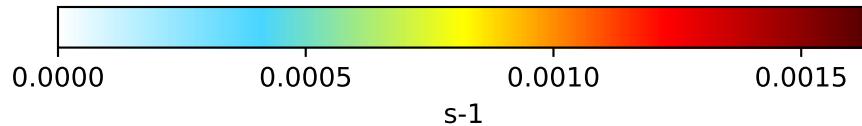
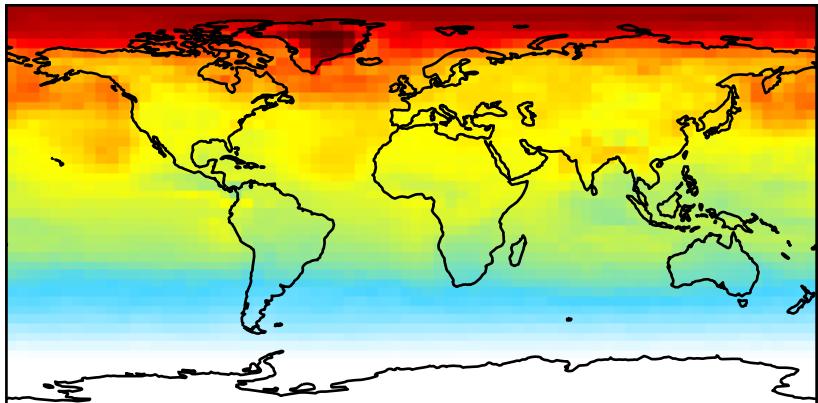
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



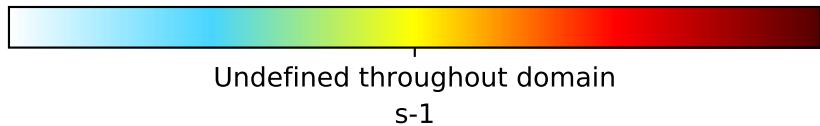
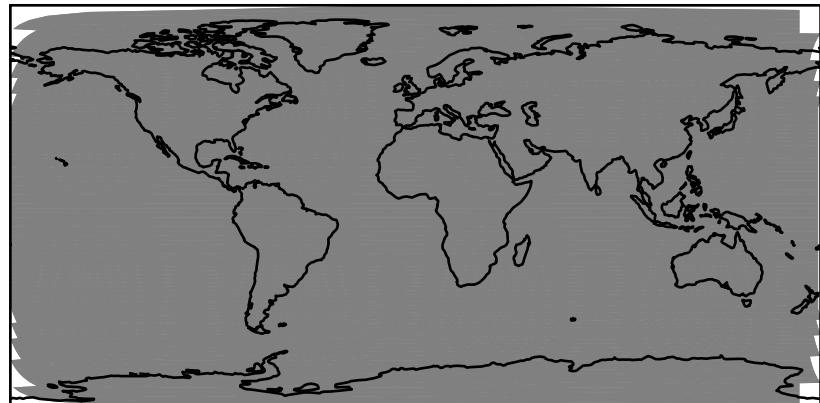
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Jval_BrNO3

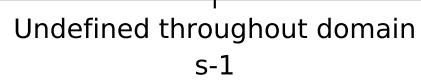
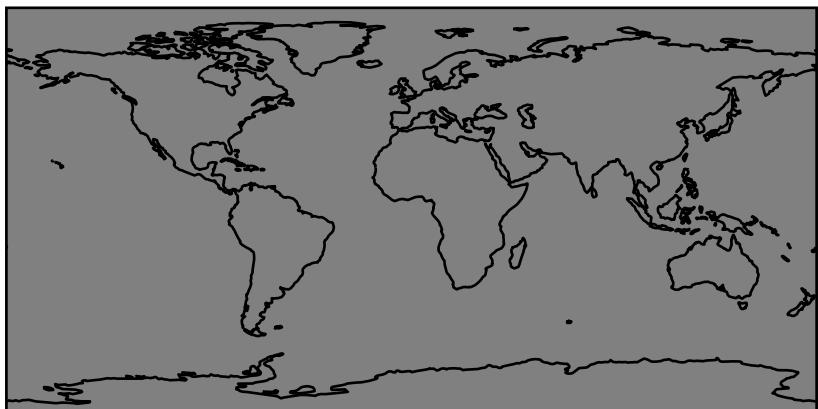
GC_12.8.0 (Ref)
4.0x5.0



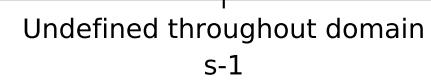
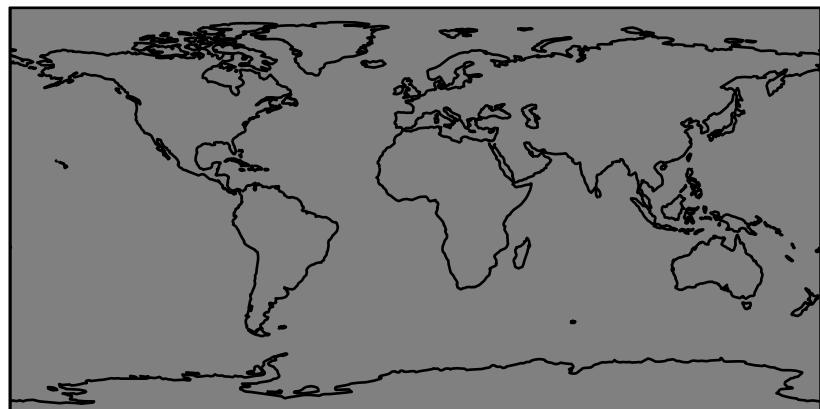
GCHP_12.8.0 (Dev)
c48



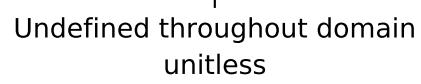
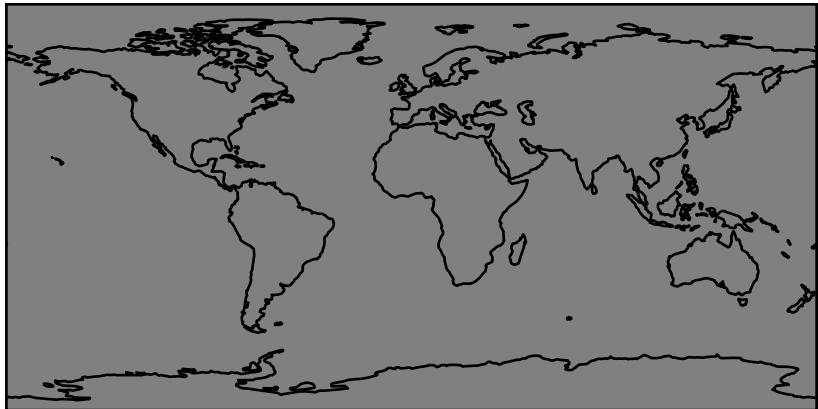
Difference (1x1.25)
Dev - Ref, Dynamic Range



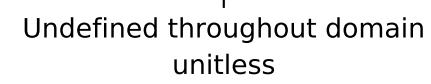
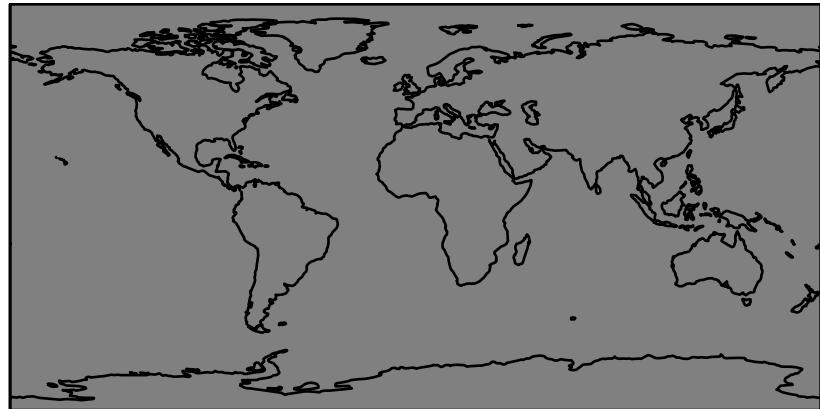
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

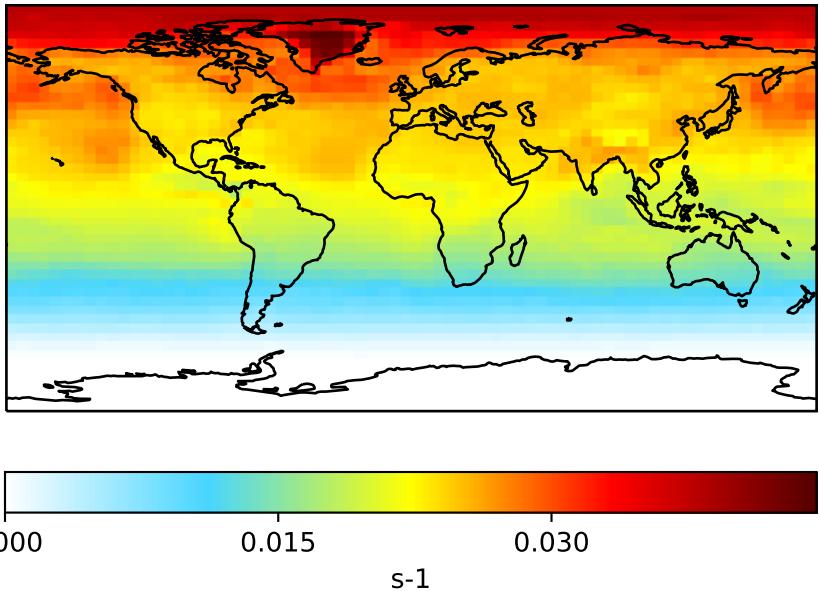


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

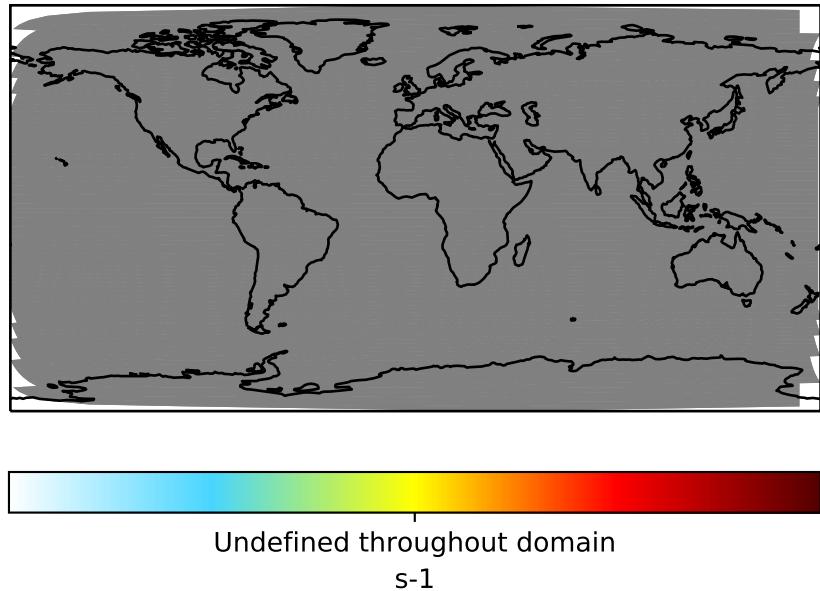


Jval_BrO

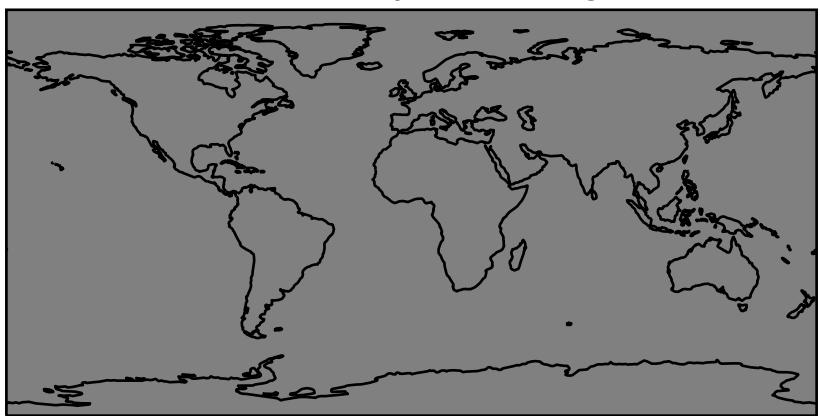
GC_12.8.0 (Ref)
4.0x5.0



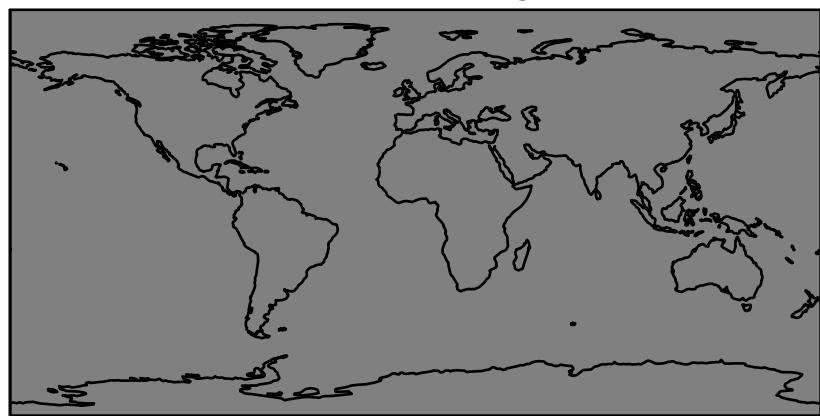
GCHP_12.8.0 (Dev)
c48



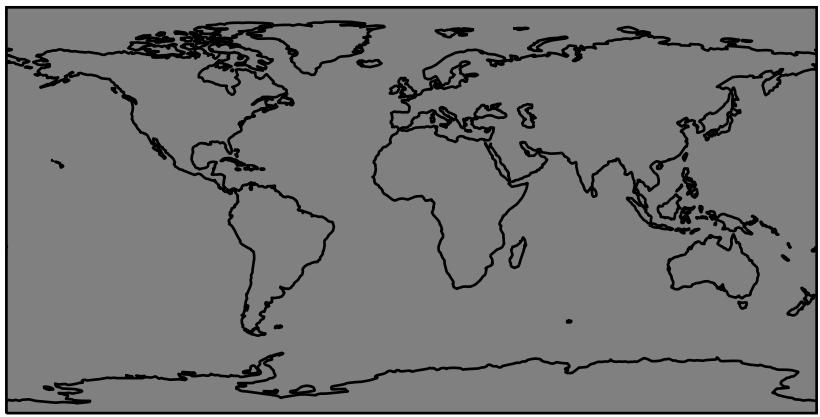
Difference (1x1.25)
Dev - Ref, Dynamic Range



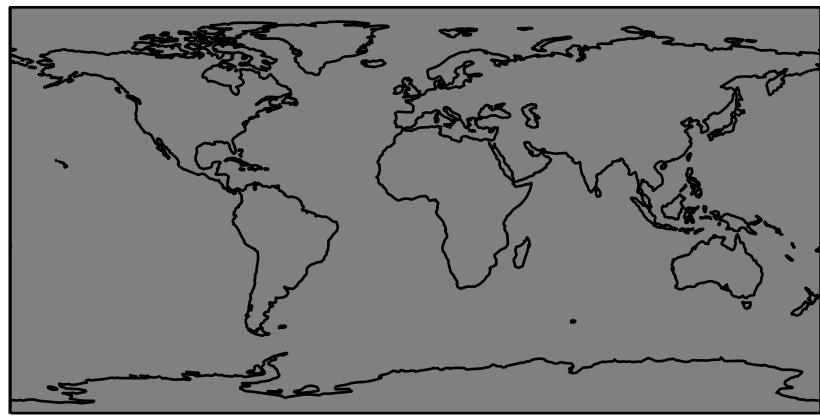
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



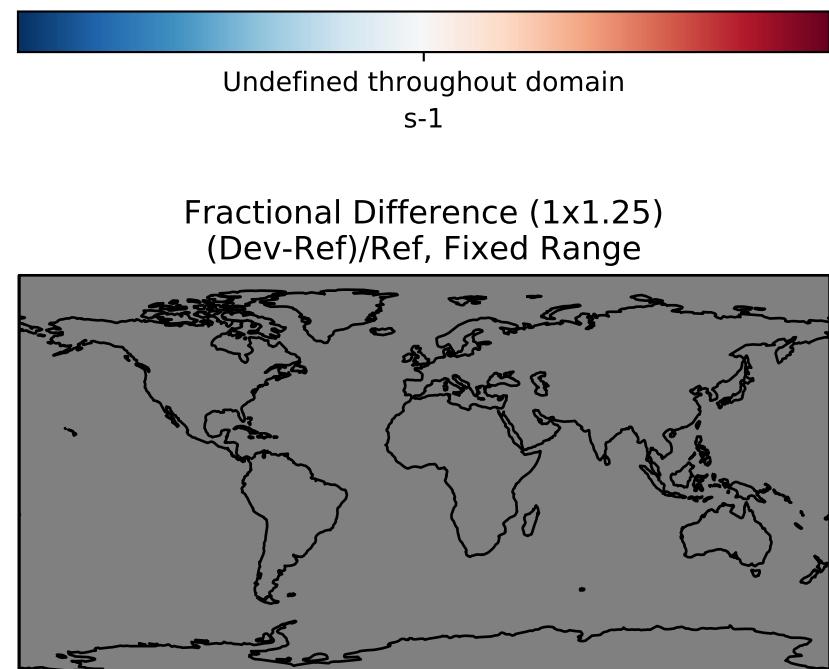
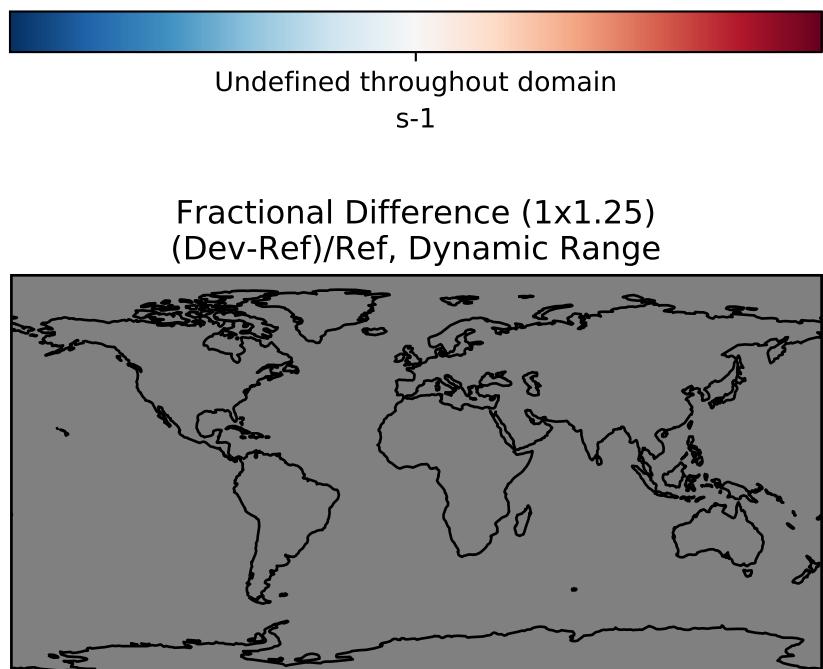
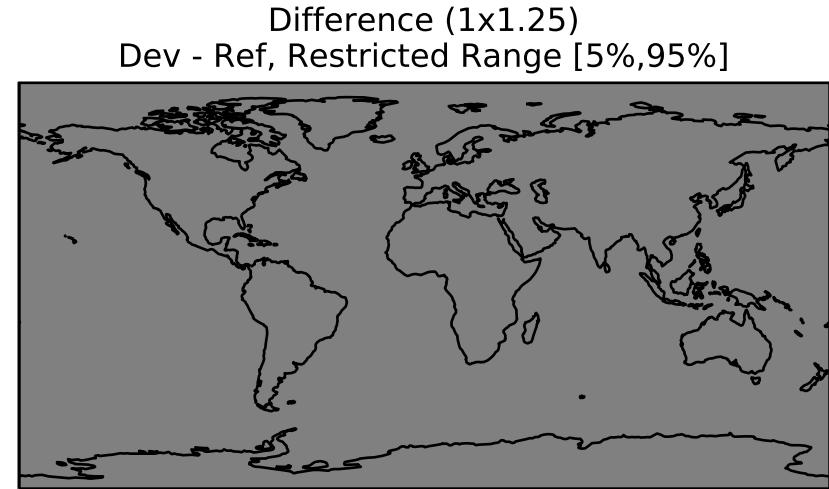
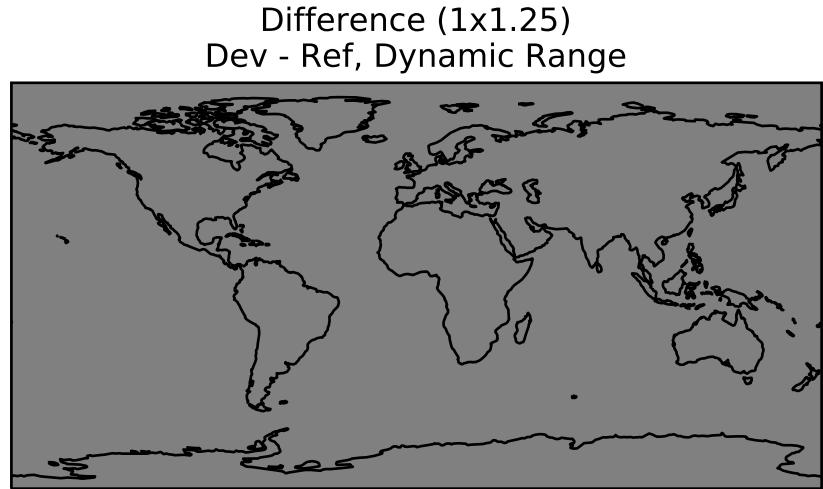
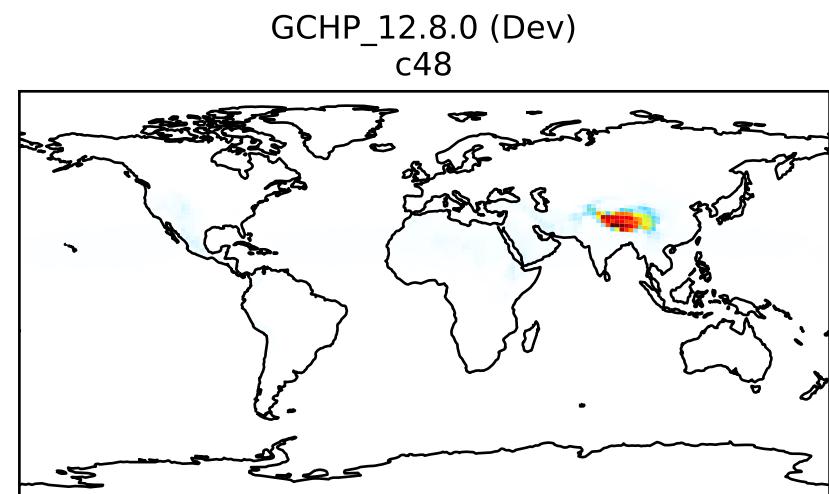
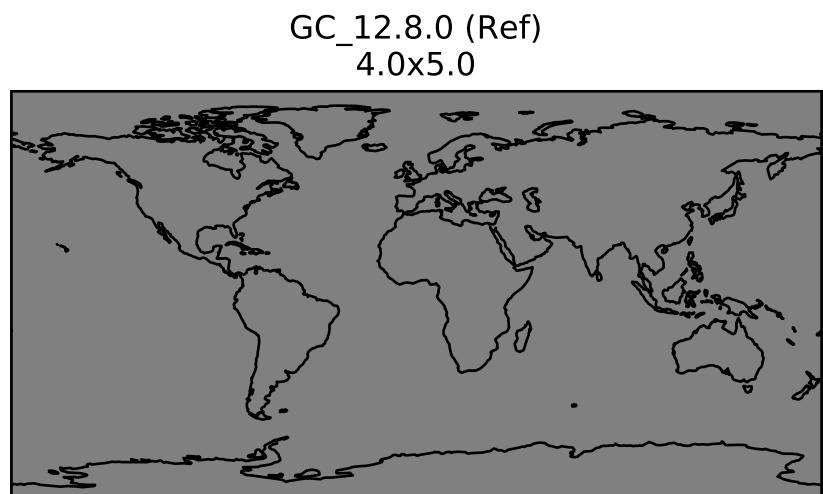
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

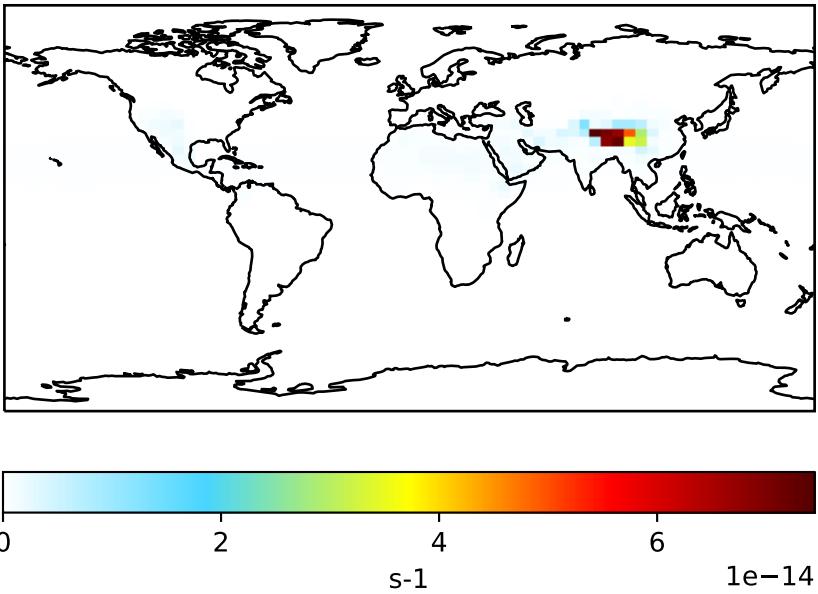


Jval_CCL4

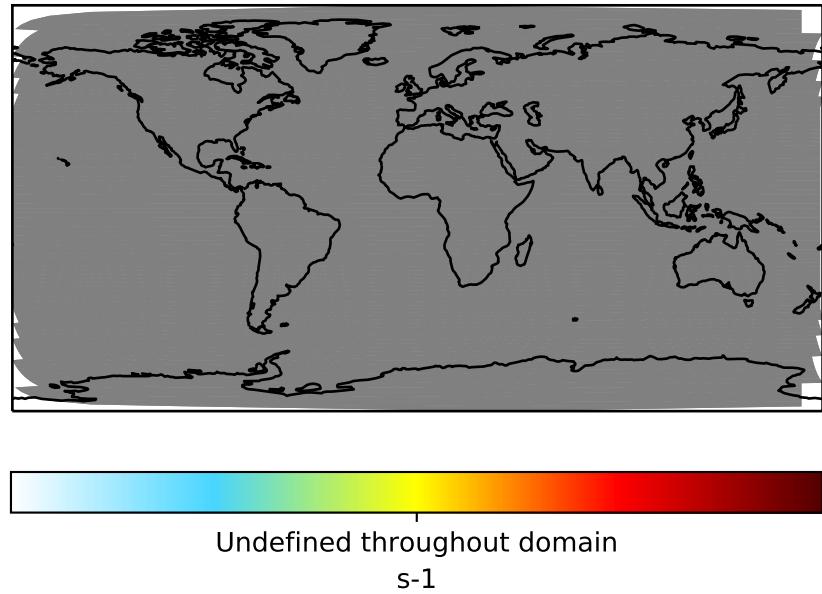


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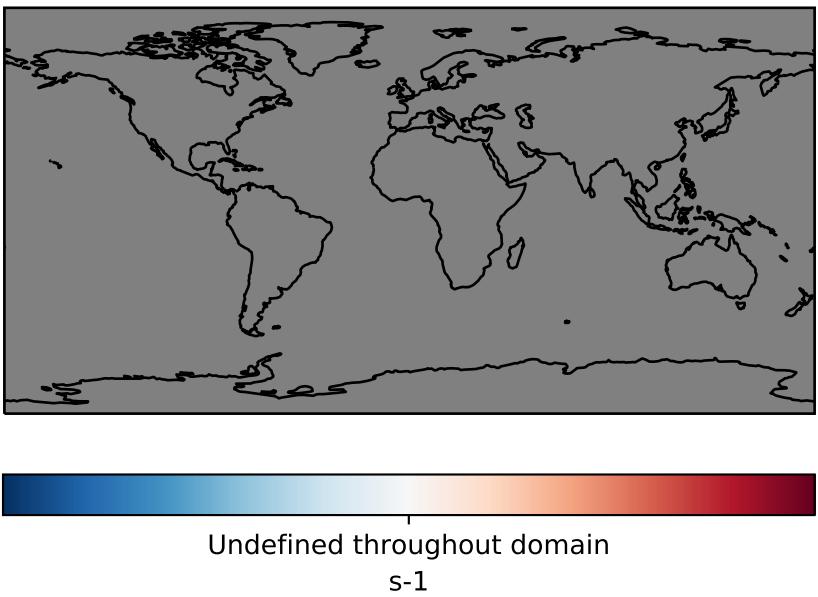
GC_12.8.0 (Ref)
4.0x5.0



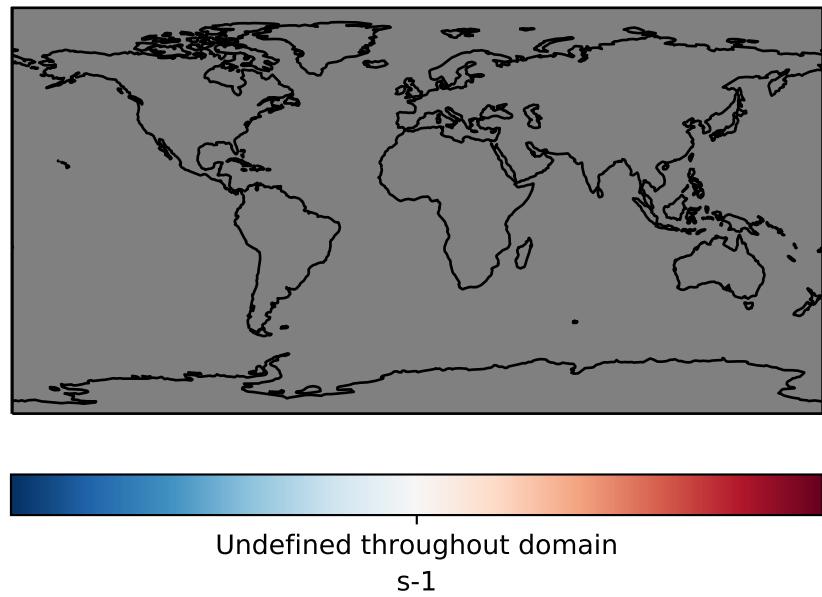
GCHP_12.8.0 (Dev)
c48



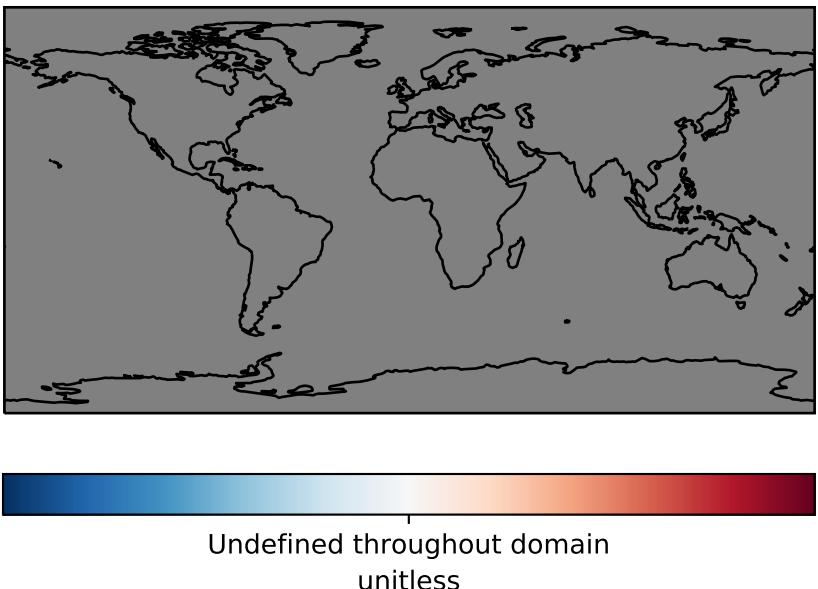
Difference (1x1.25)
Dev - Ref, Dynamic Range



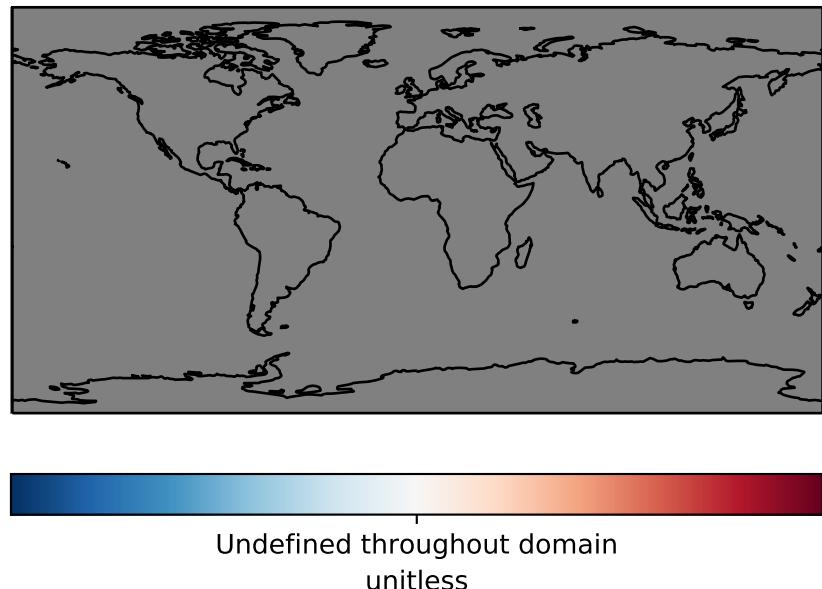
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



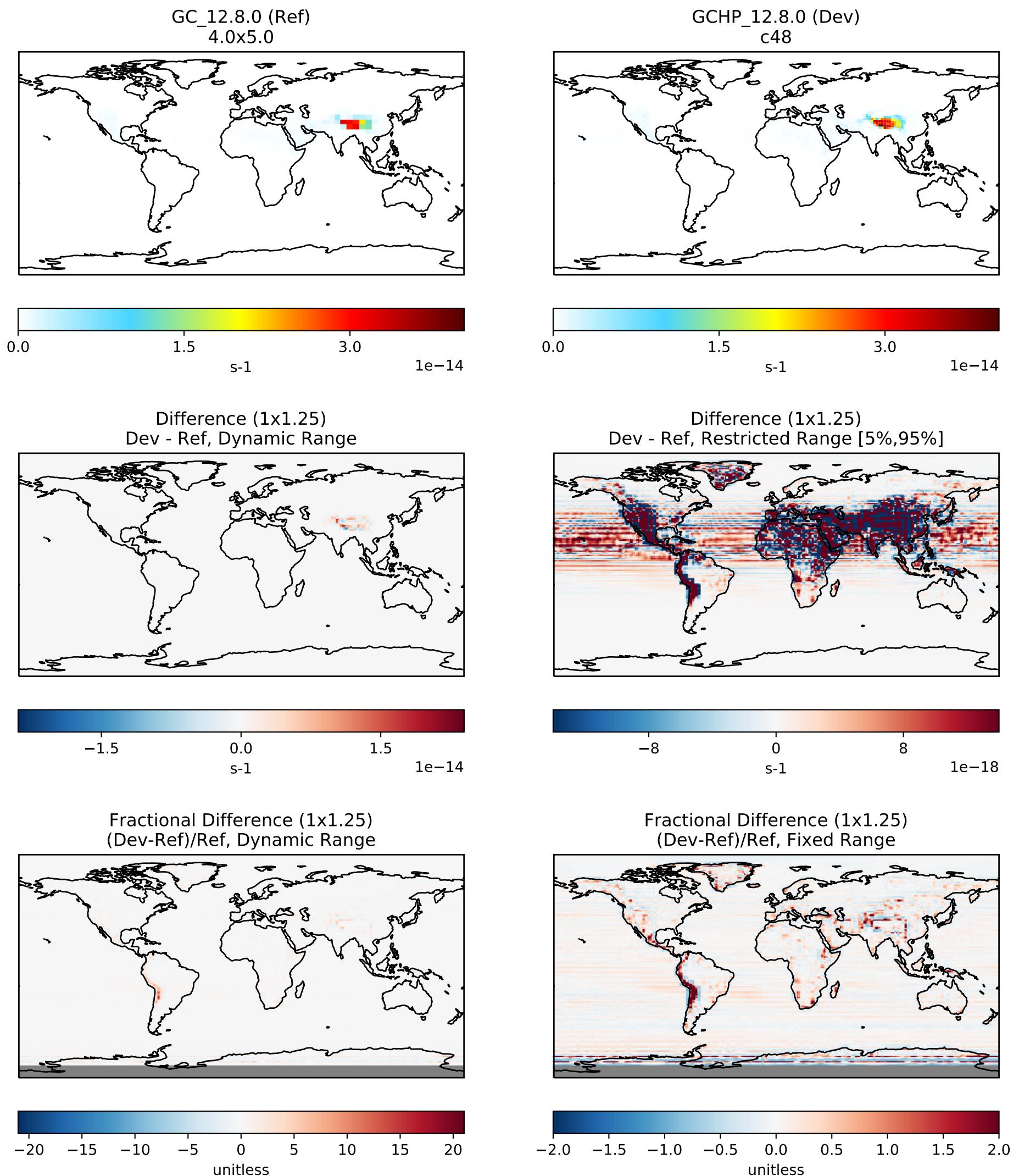
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



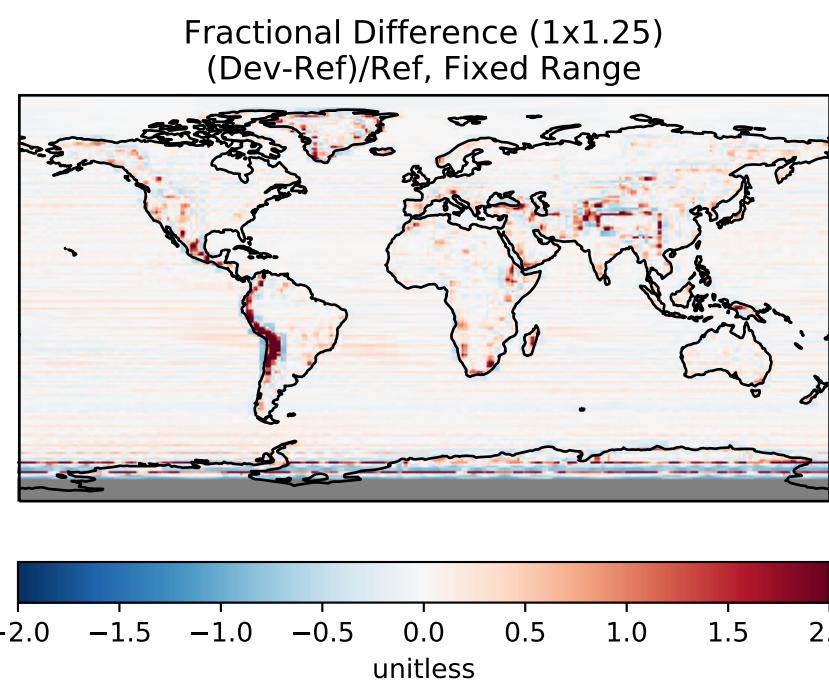
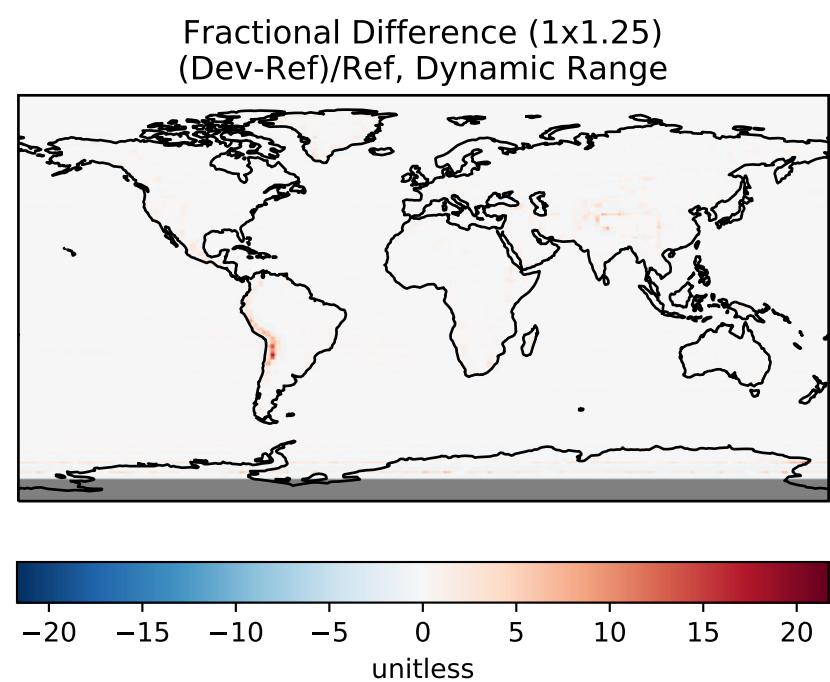
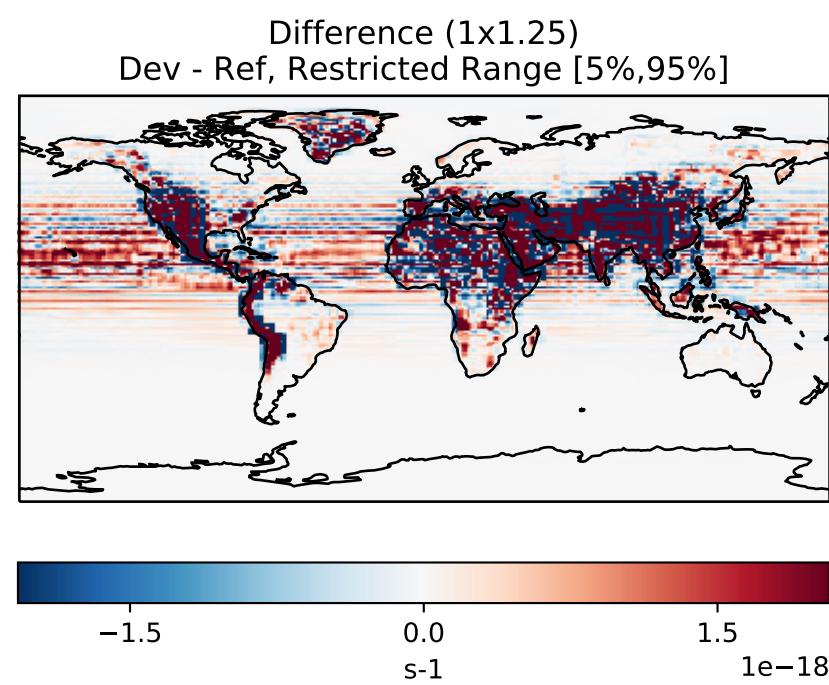
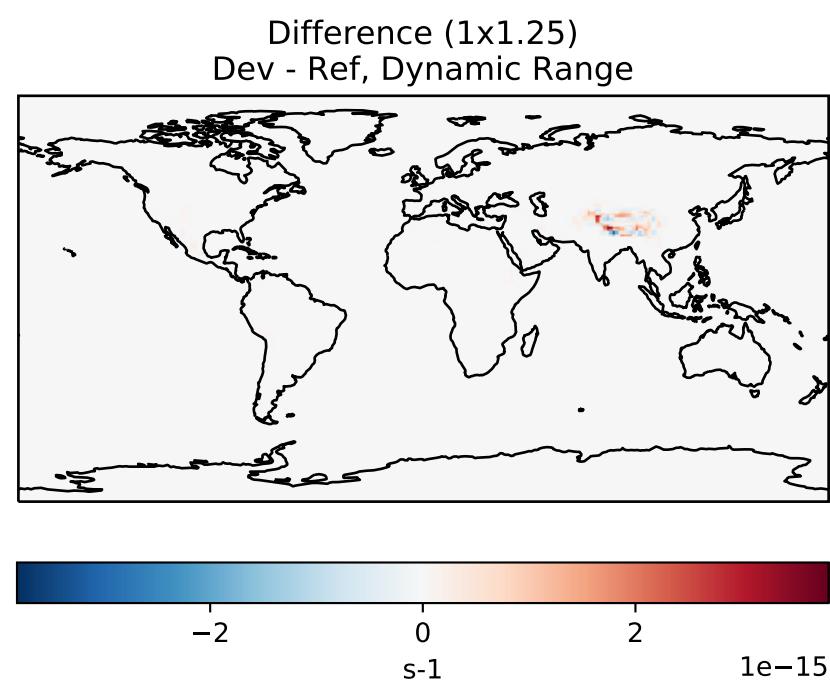
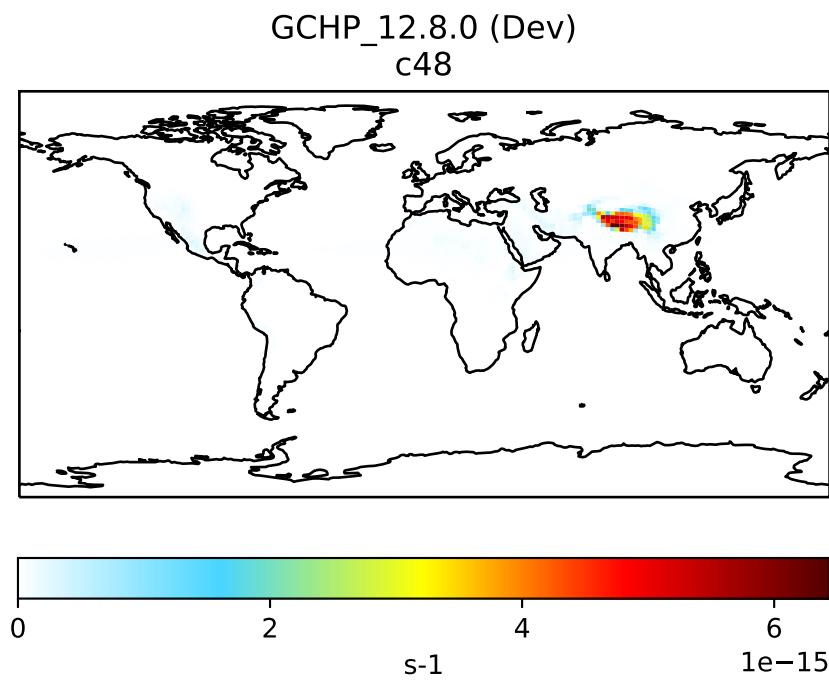
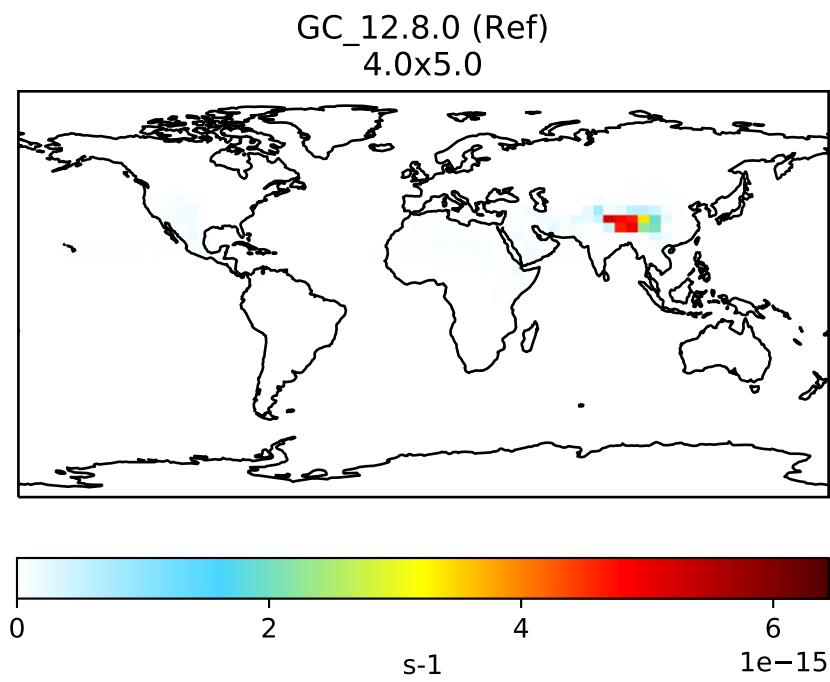
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



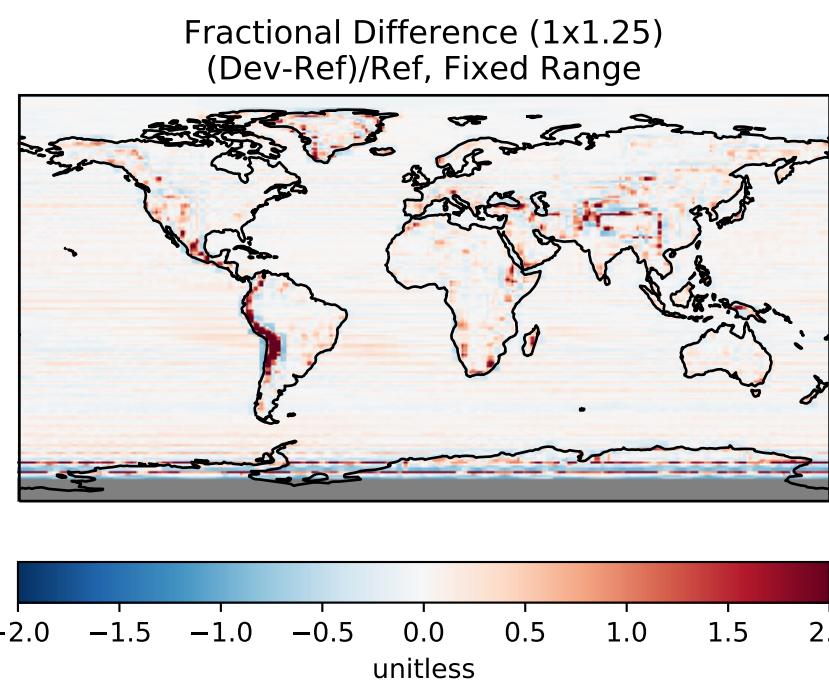
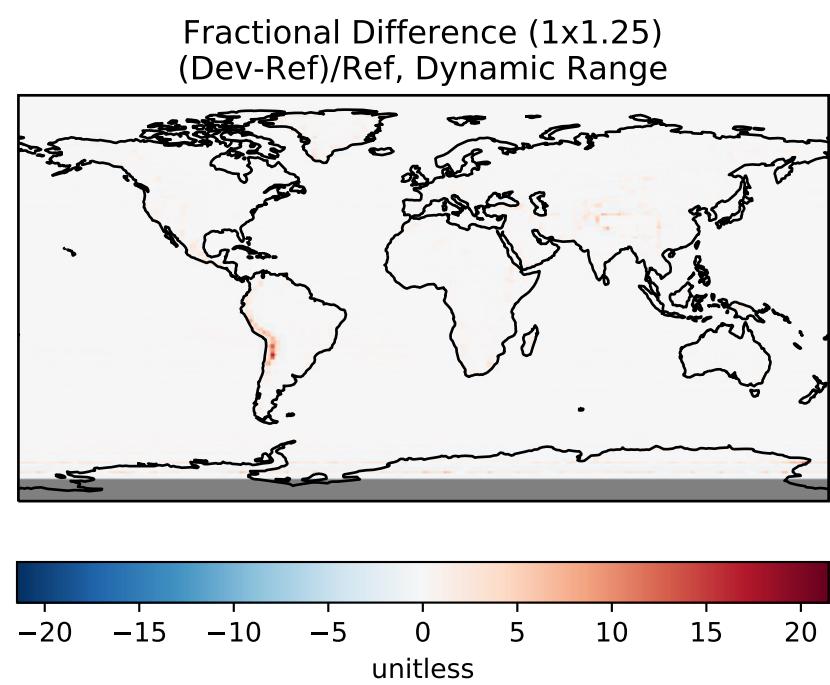
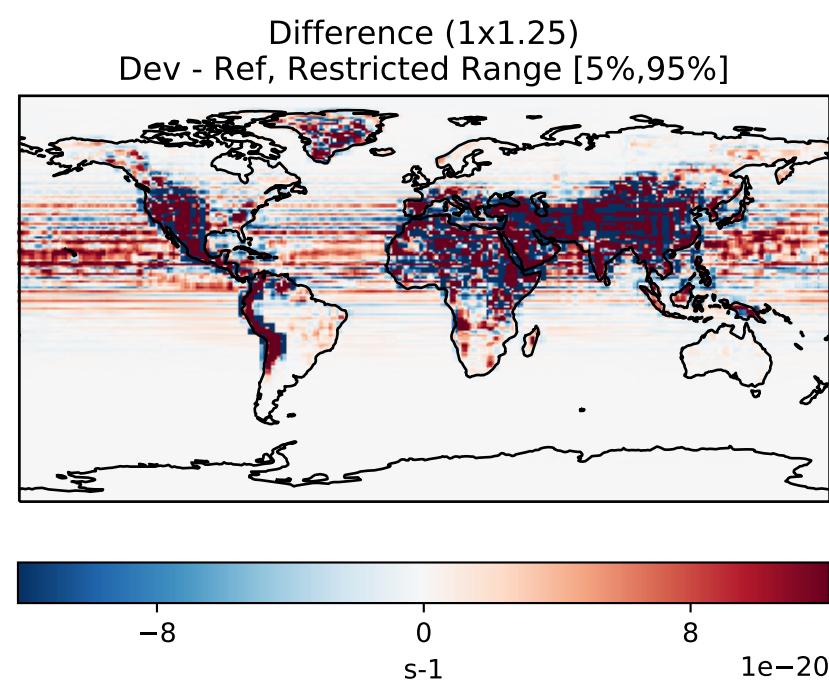
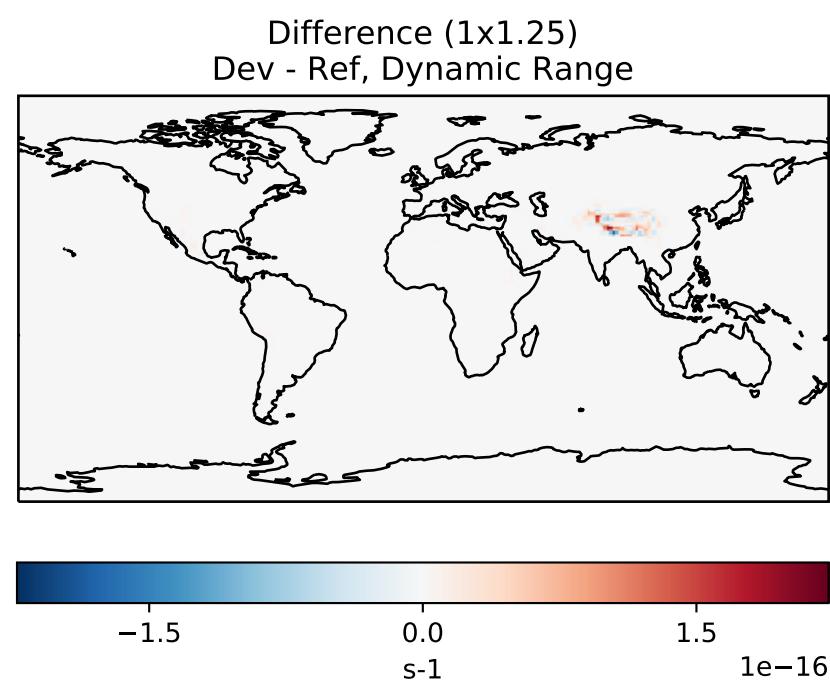
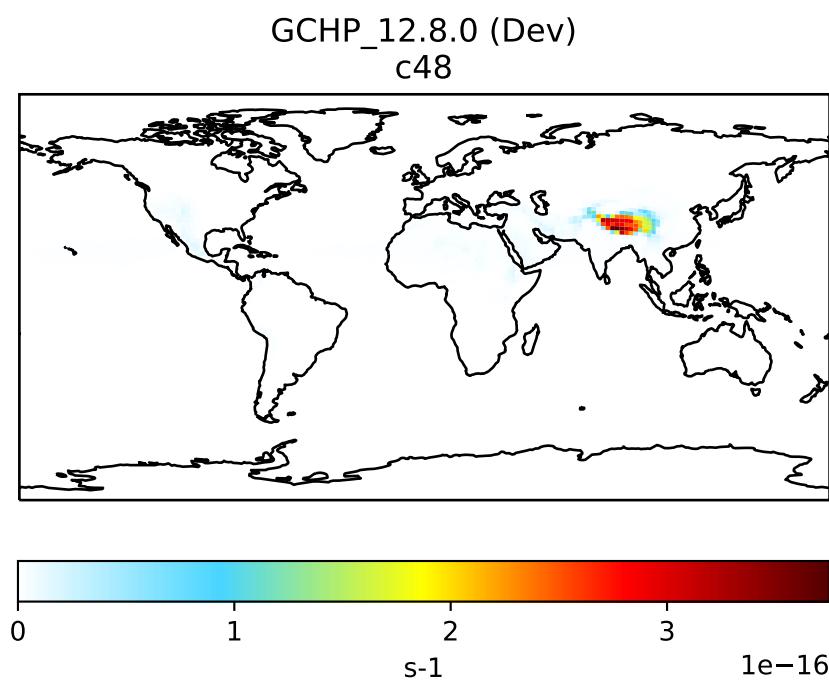
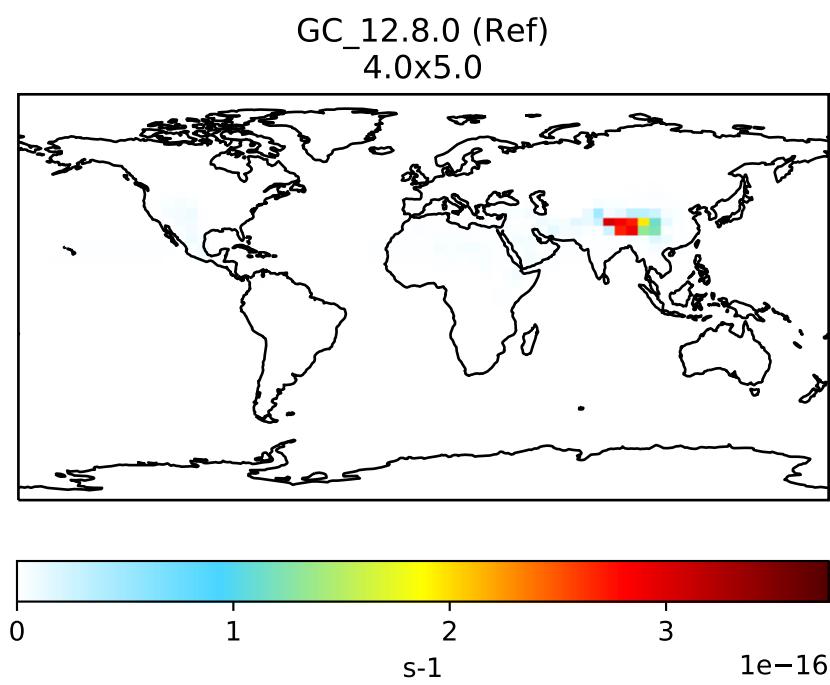
Jval_CFC11



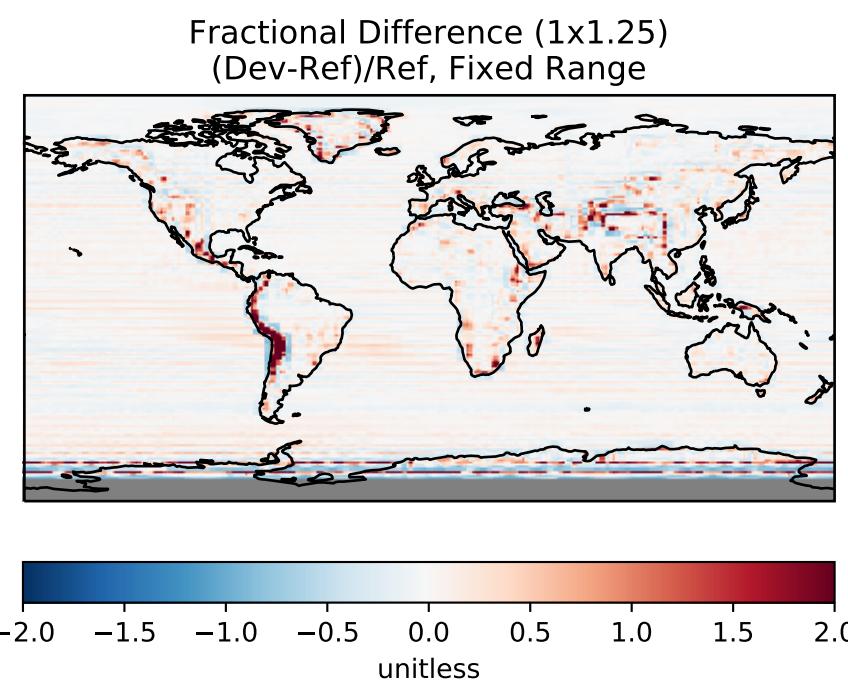
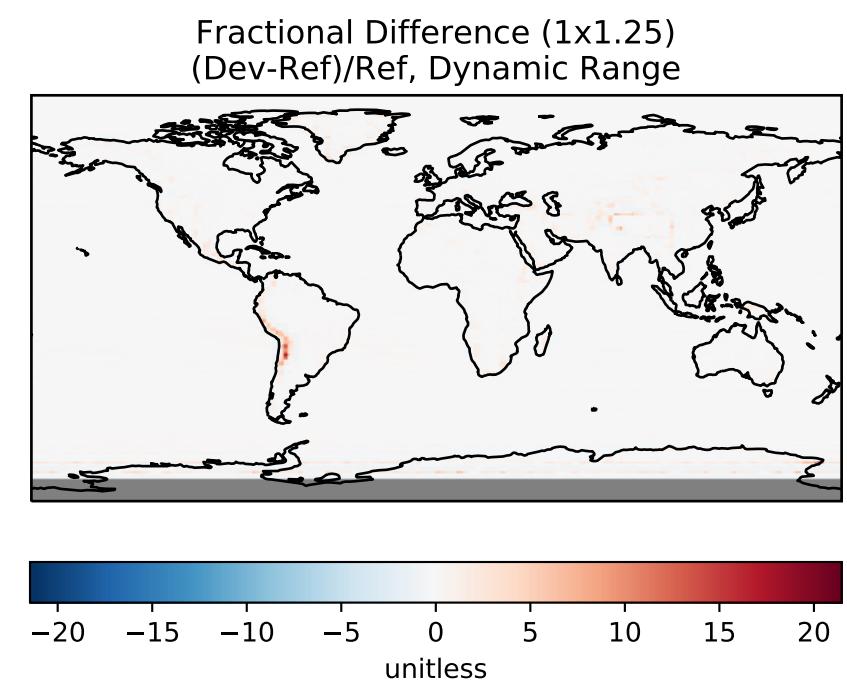
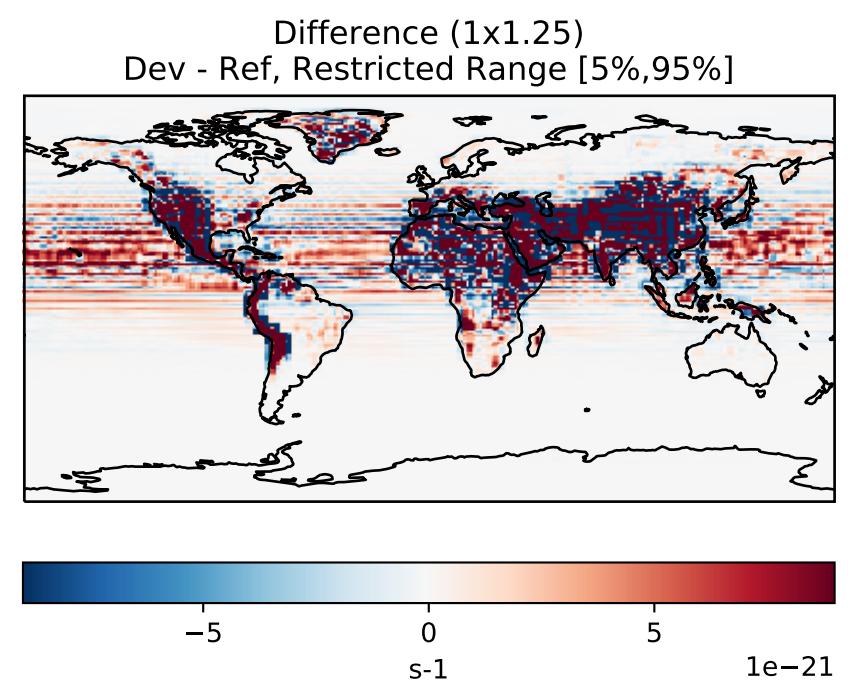
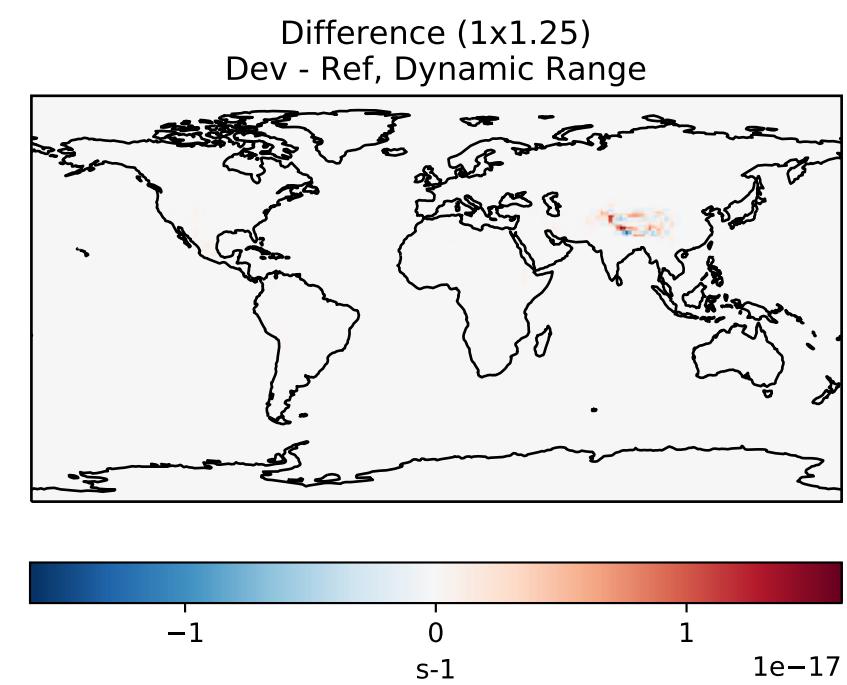
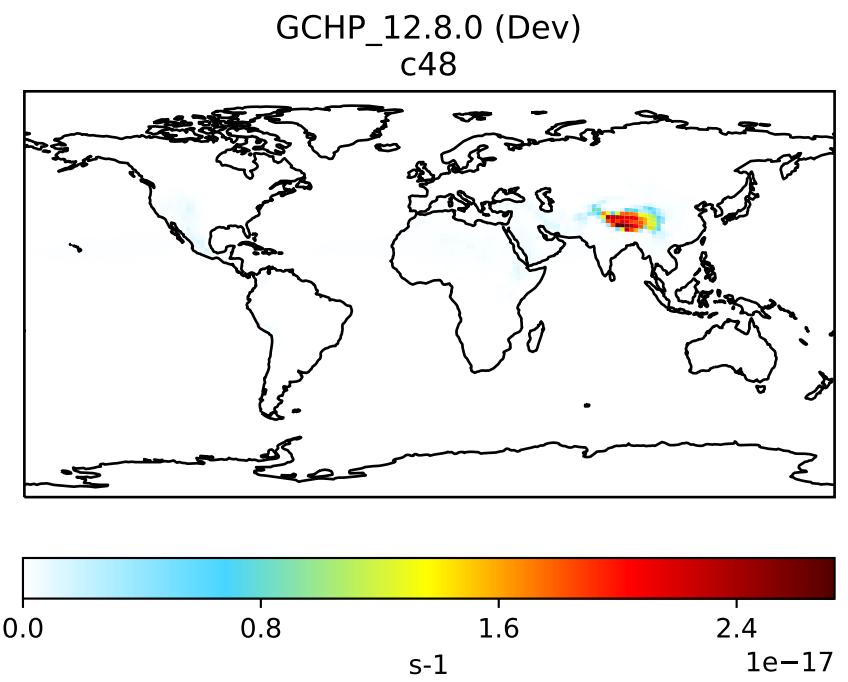
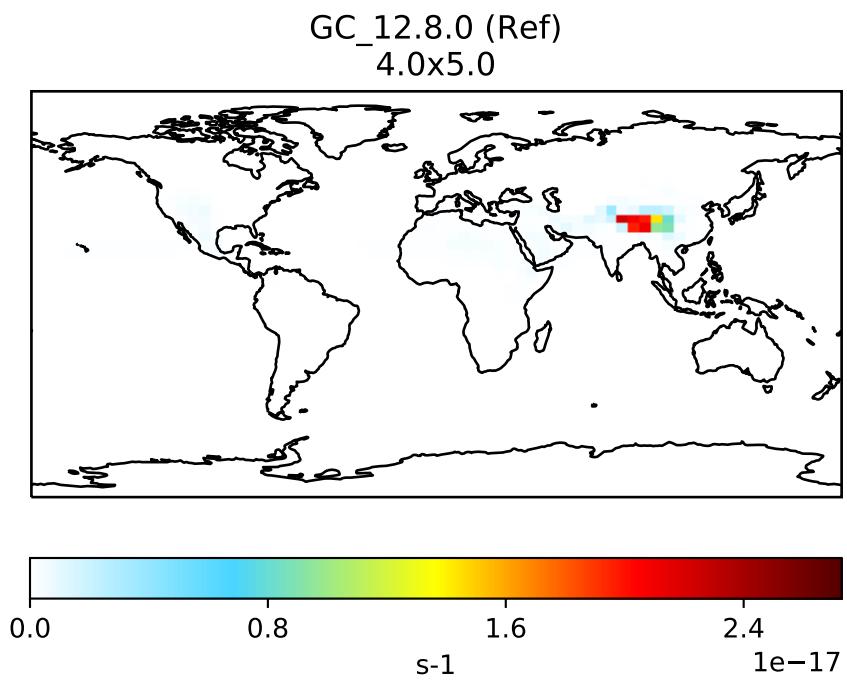
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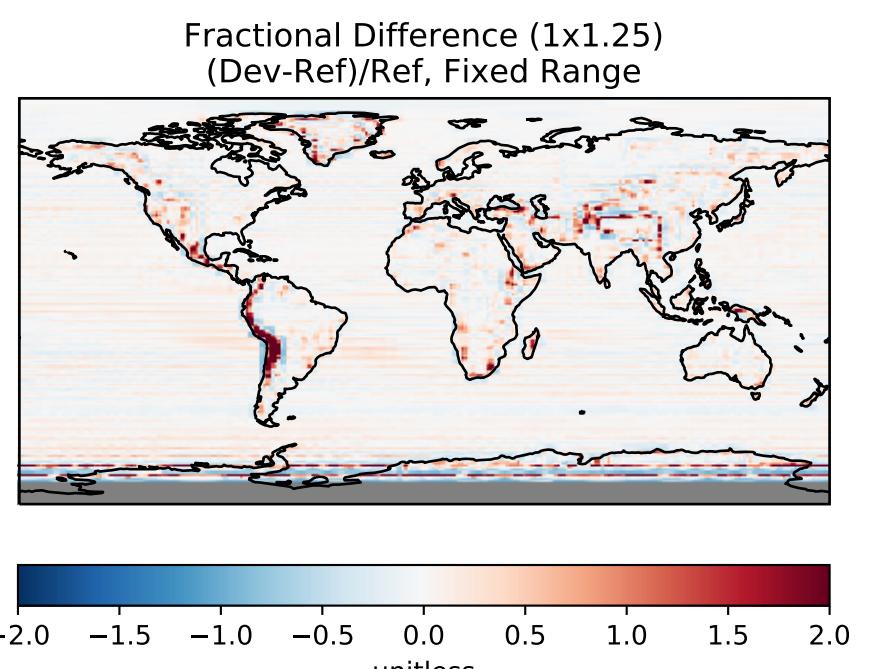
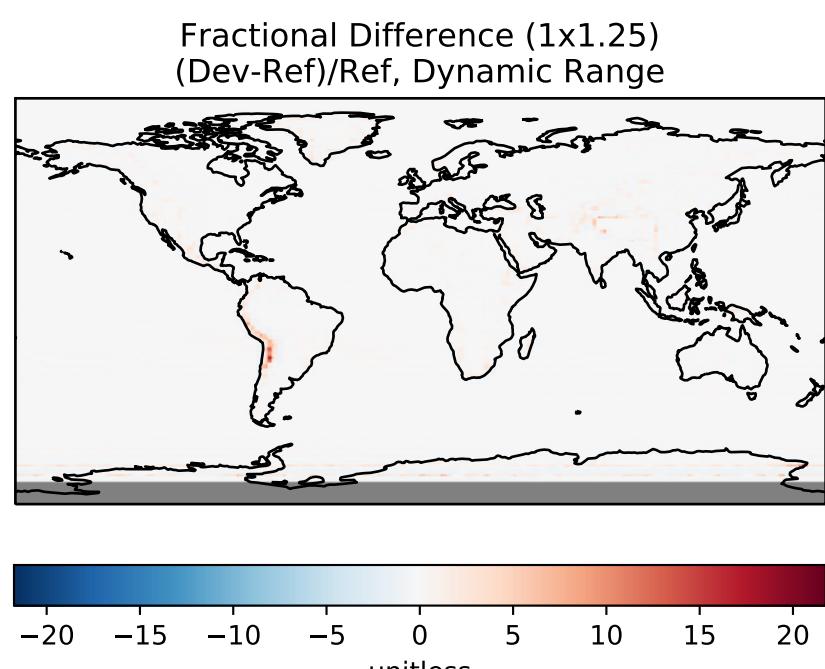
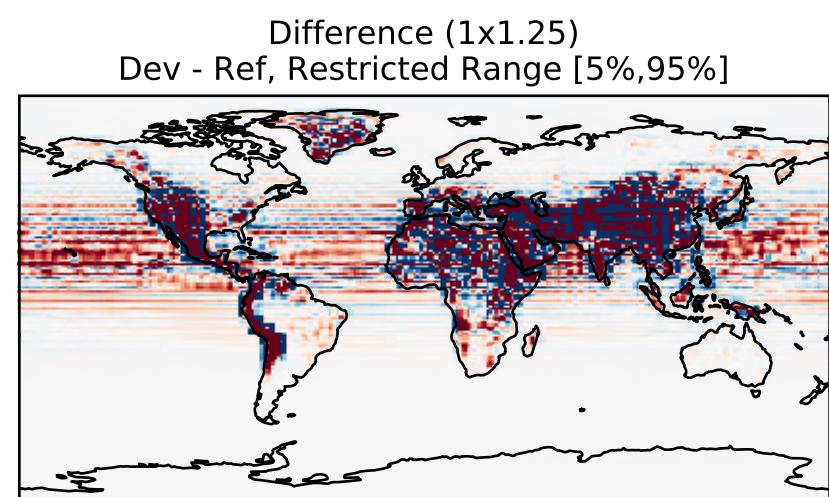
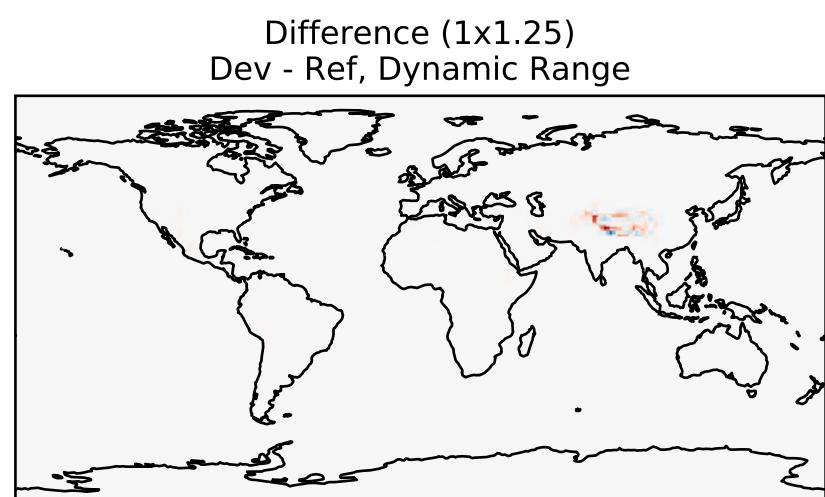
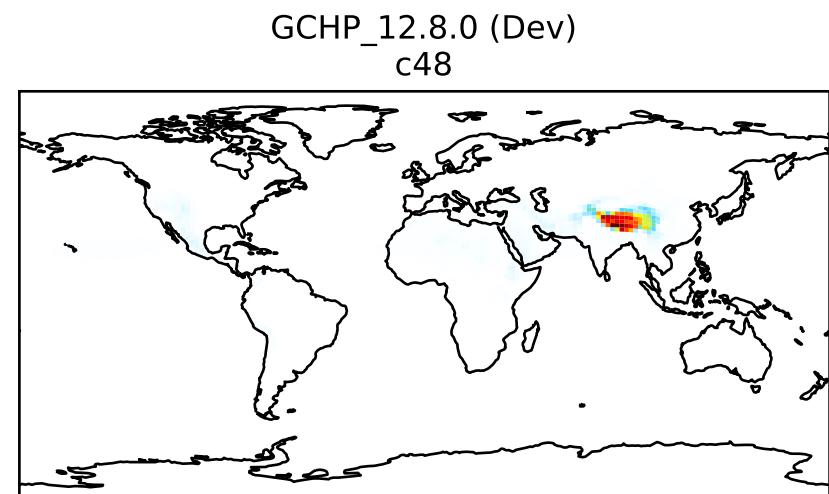
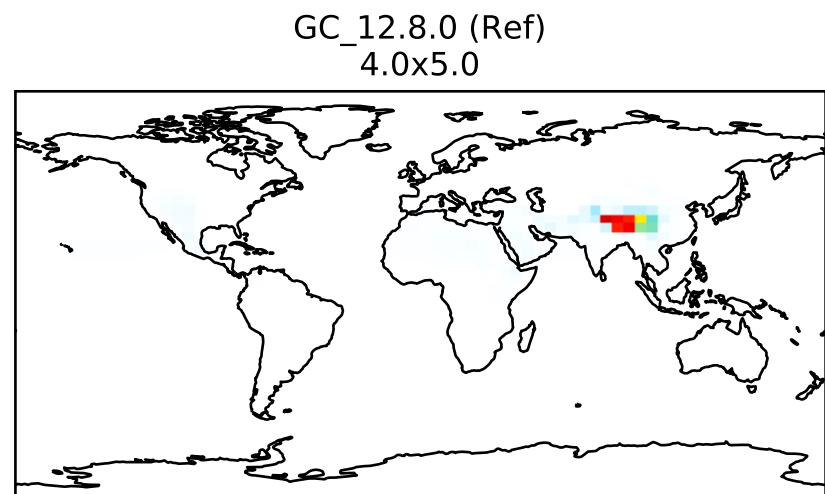
Jval_CFC114



Jval_CFC115

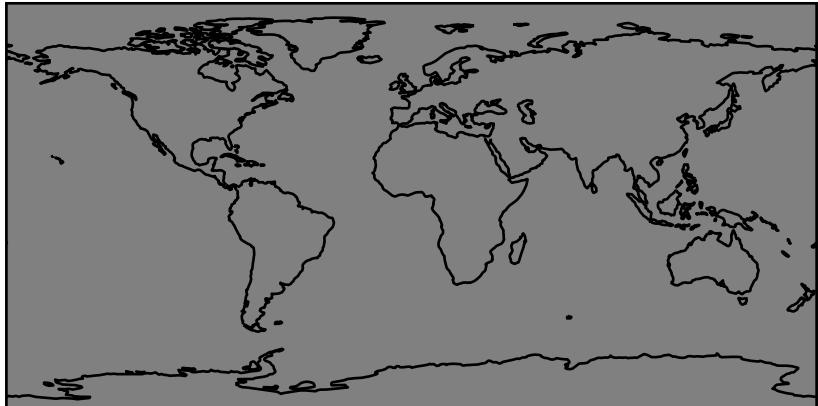


Jval_CFC12



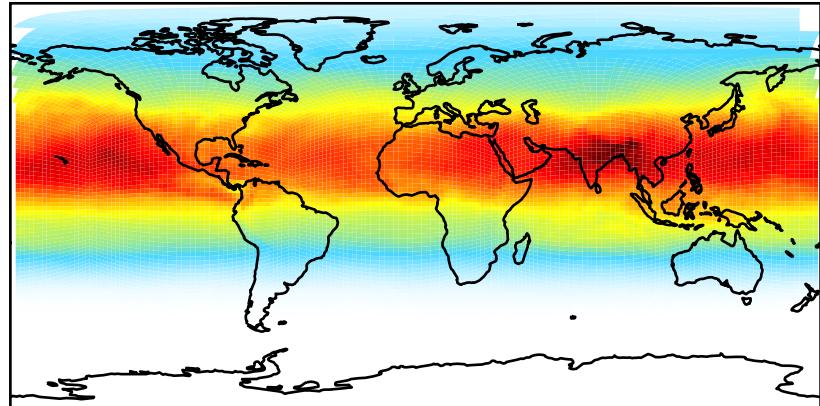
Jval_CH2BR2

GC_12.8.0 (Ref)
4.0x5.0



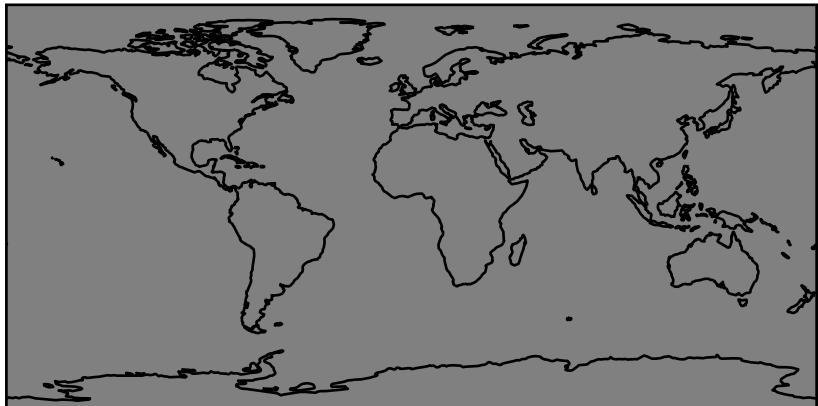
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s-1

GCHP_12.8.0 (Dev)
c48



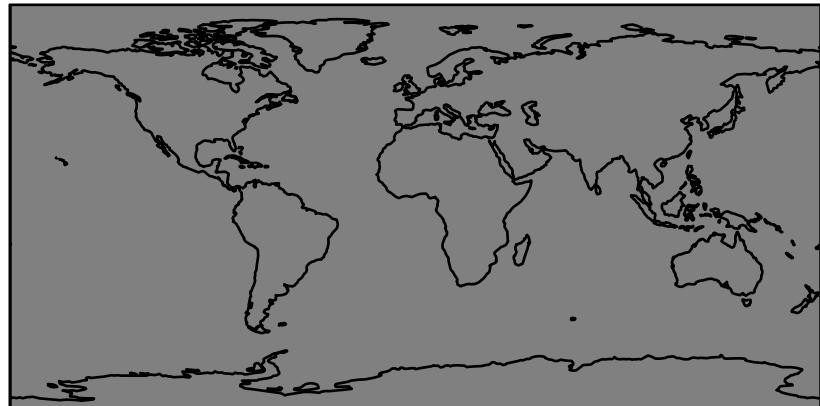
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s-1

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



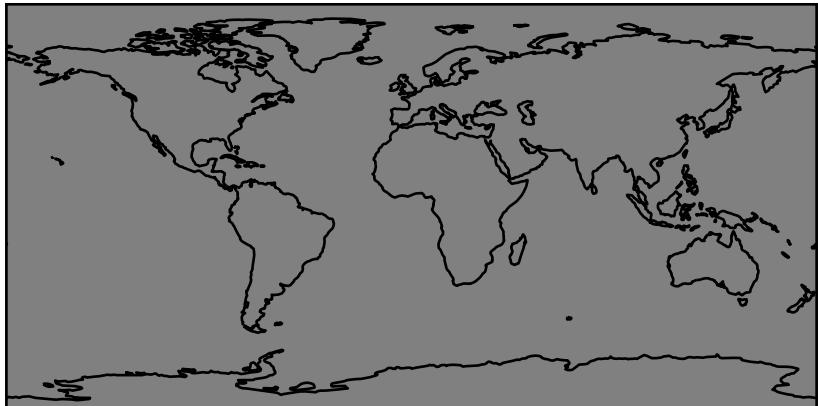
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s-1

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



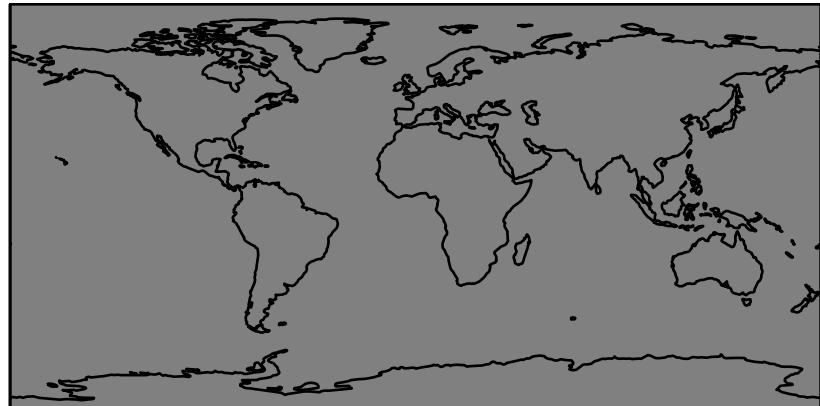
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s-1

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



Undefined throughout domain
unitless

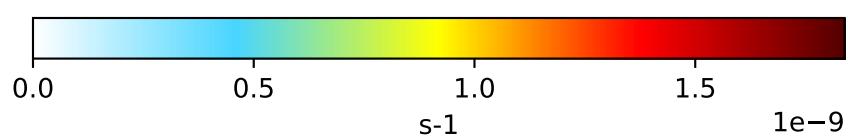
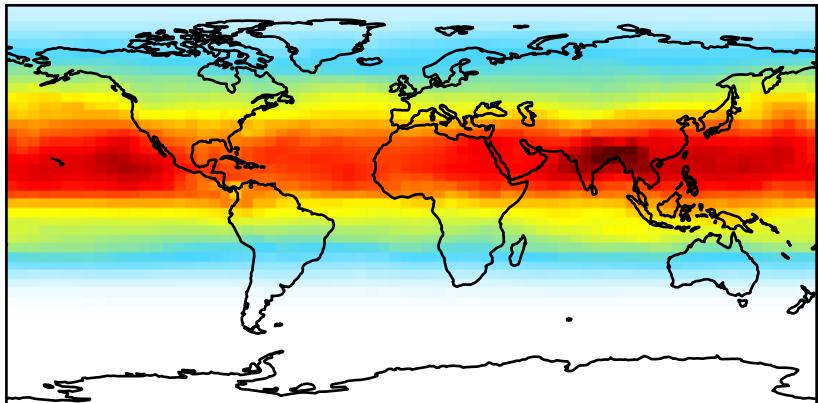
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



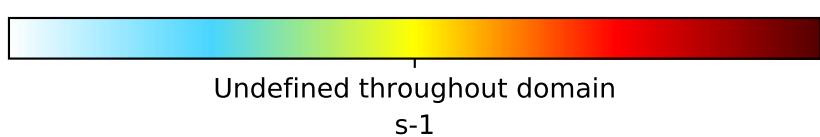
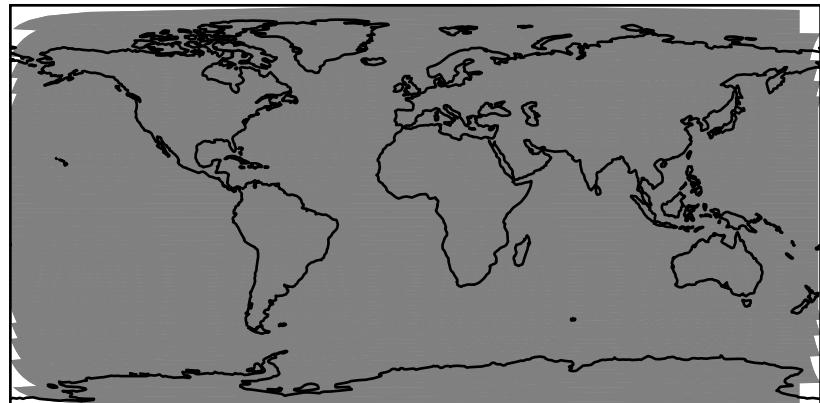
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unitless

Jval_CH2Br2

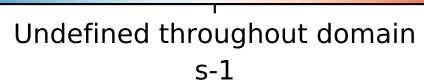
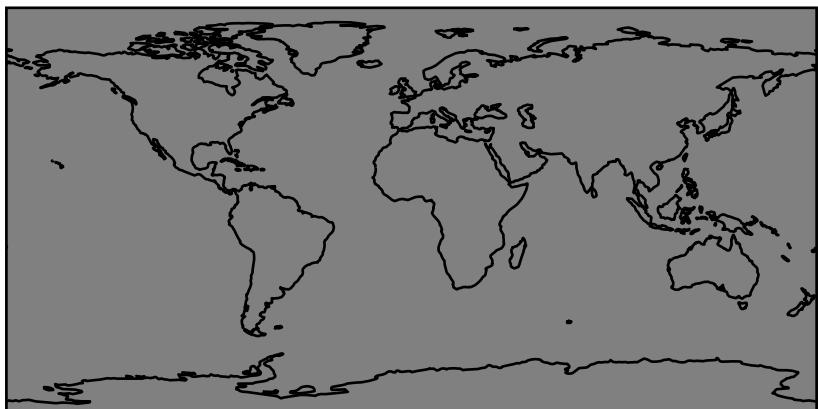
GC_12.8.0 (Ref)
4.0x5.0



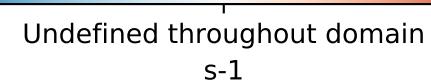
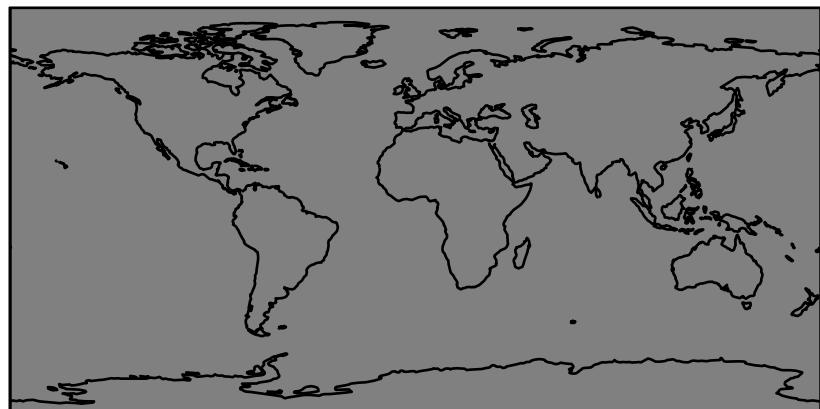
GCHP_12.8.0 (Dev)
c48



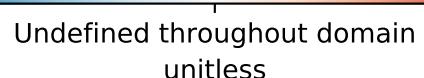
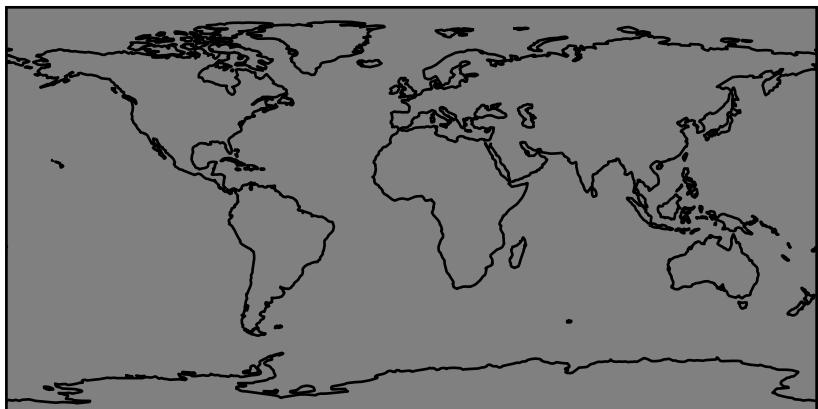
Difference (1x1.25)
Dev - Ref, Dynamic Range



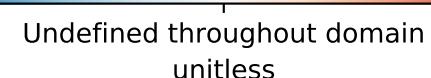
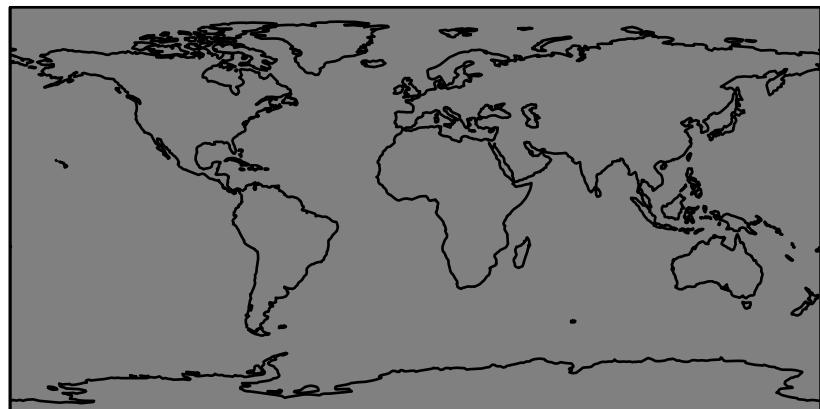
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

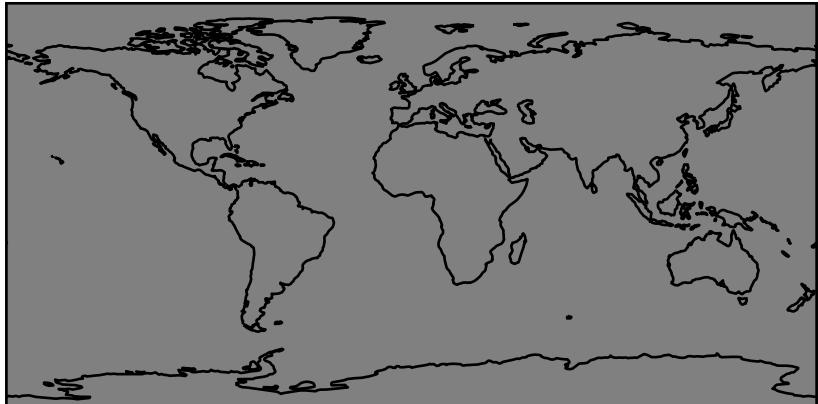


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



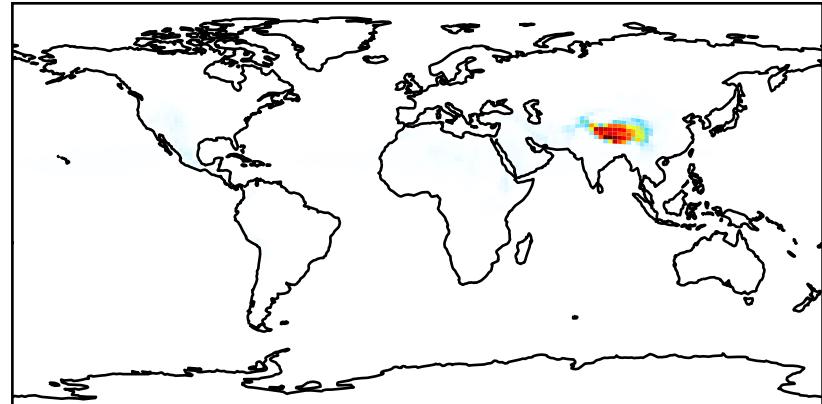
Jval_CH2CL2

GC_12.8.0 (Ref)
4.0x5.0



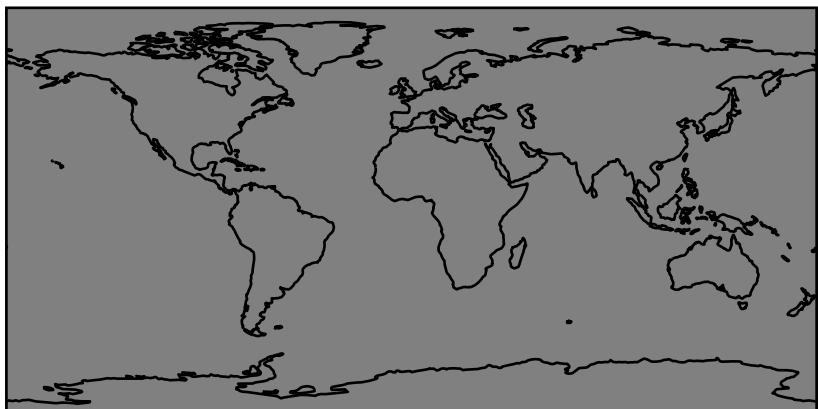
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s⁻¹

GCHP_12.8.0 (Dev)
c48



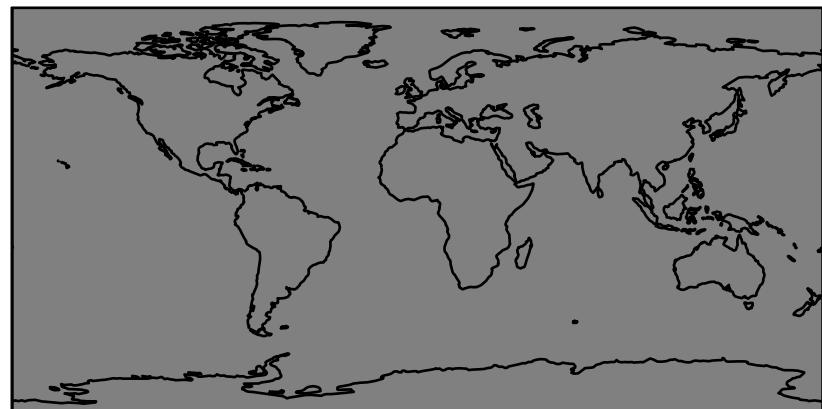
0.0 1.5 3.0 4.5
s⁻¹ 1e-15

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



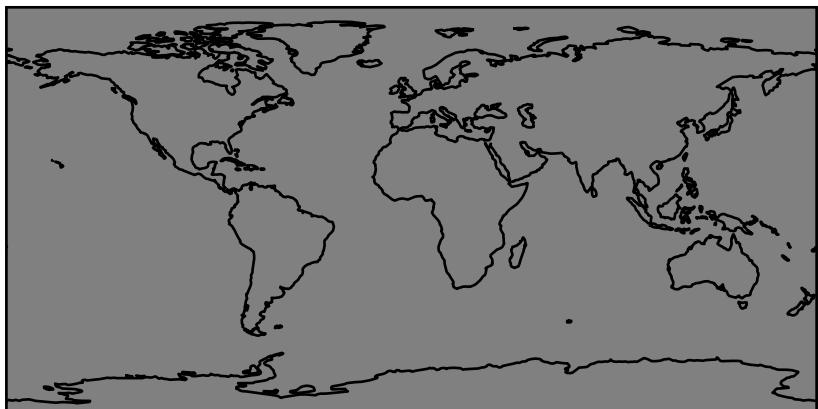
Undefined throughout domain
s⁻¹

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



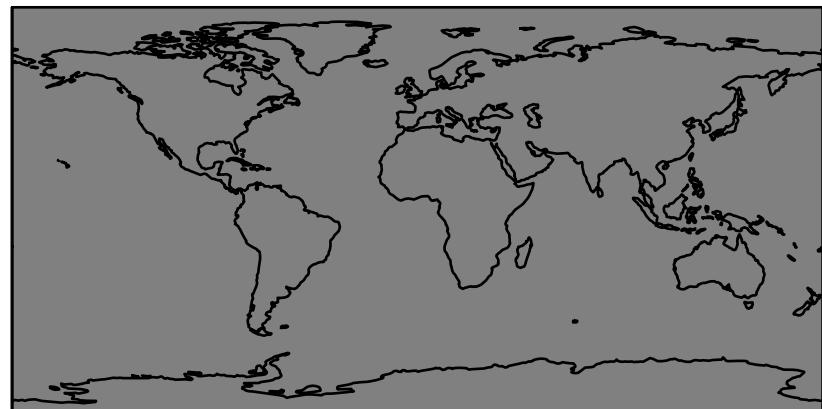
Undefined throughout domain
s⁻¹

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



Undefined throughout domain
unitless

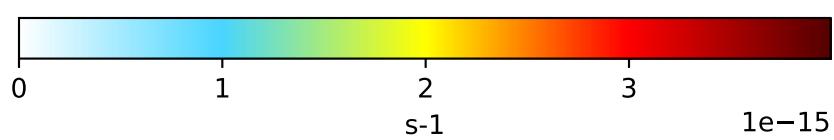
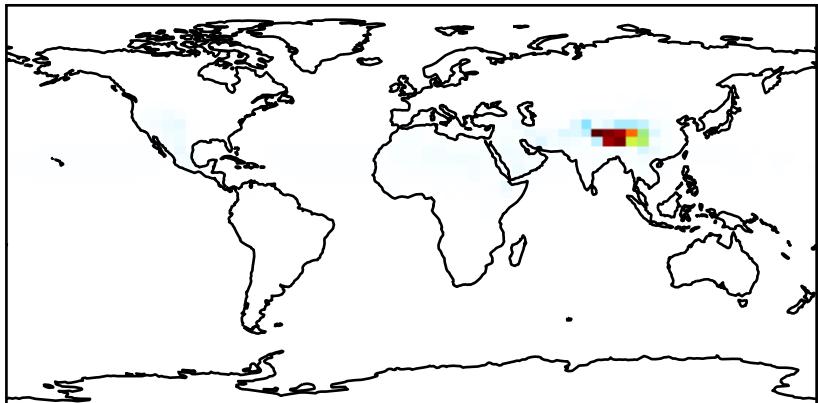
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



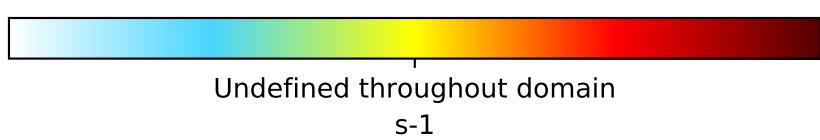
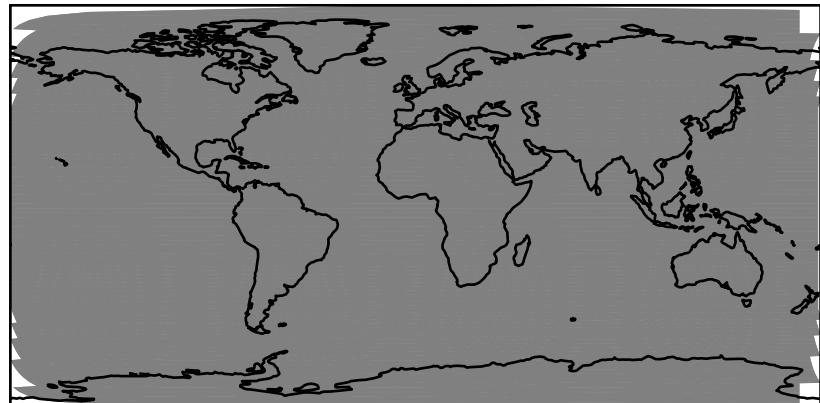
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unitless

Jval_CH2Cl2

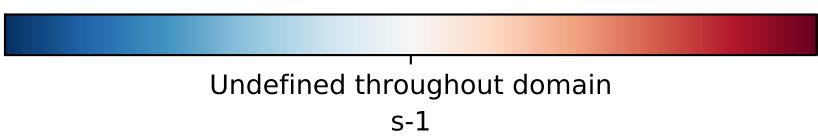
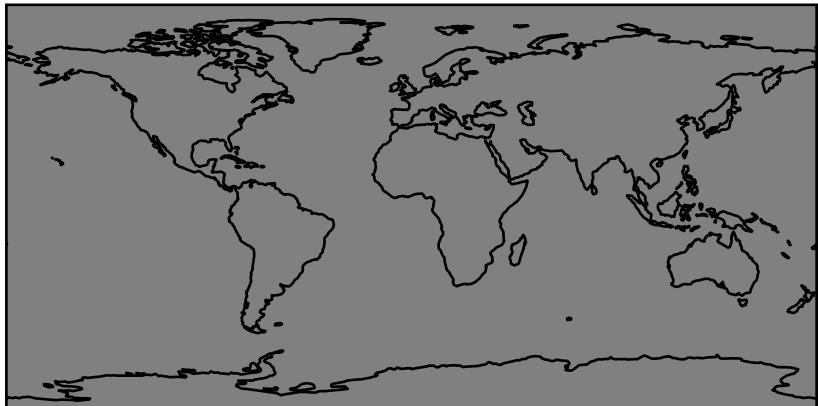
GC_12.8.0 (Ref)
4.0x5.0



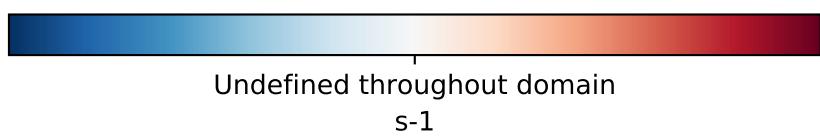
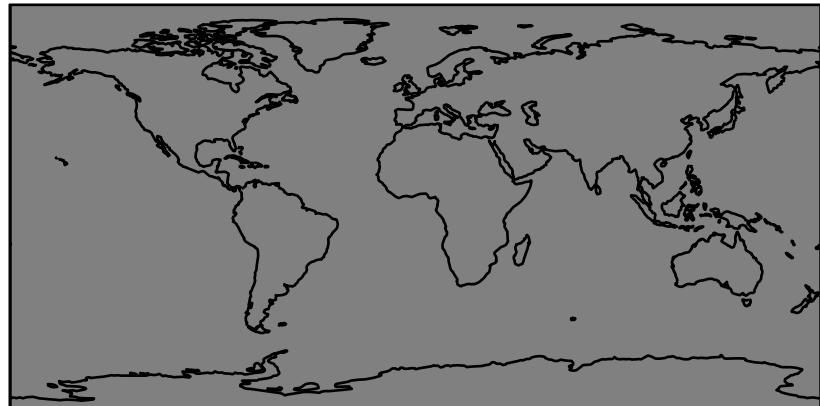
GCHP_12.8.0 (Dev)
c48



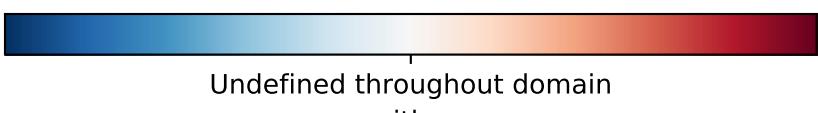
Difference (1x1.25)
Dev - Ref, Dynamic Range



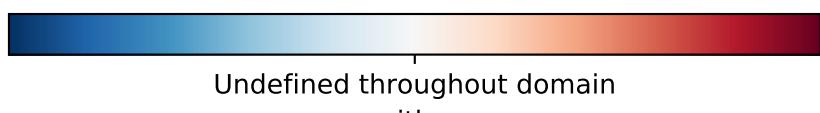
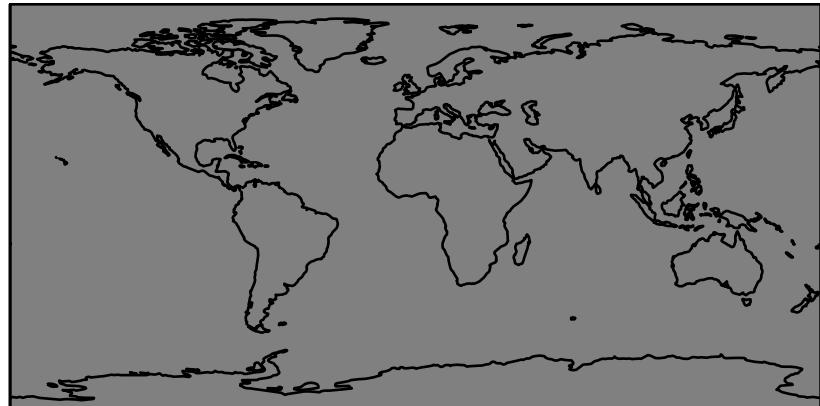
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

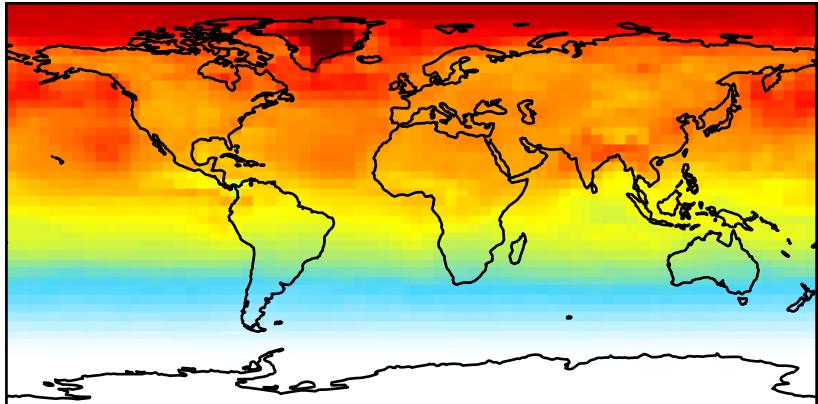


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

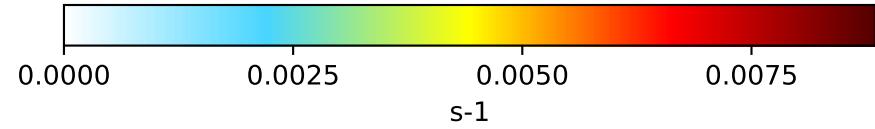
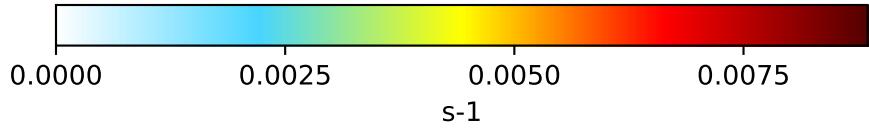
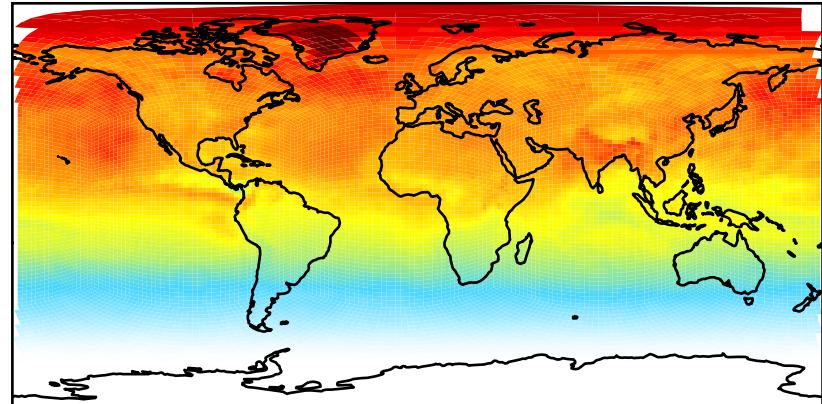


Jval_CH2I2

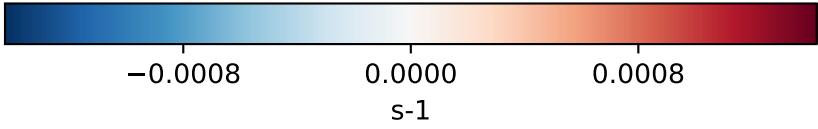
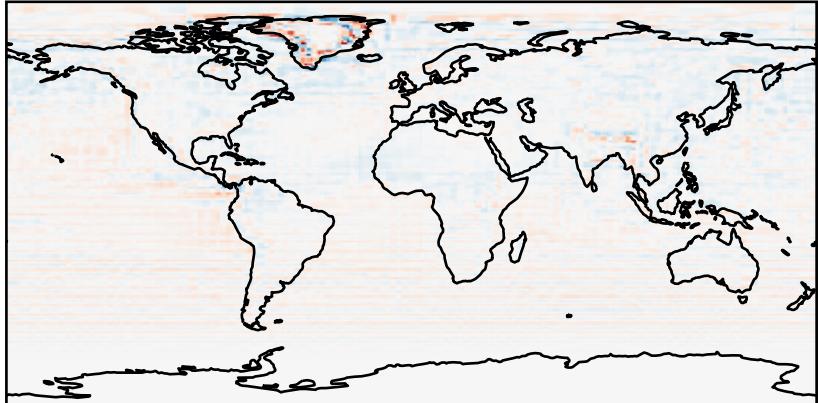
GC_12.8.0 (Ref)
4.0x5.0



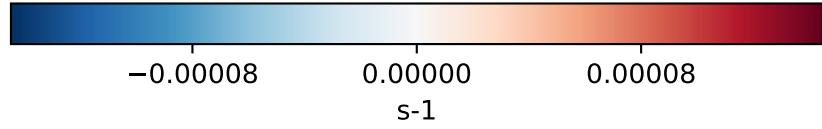
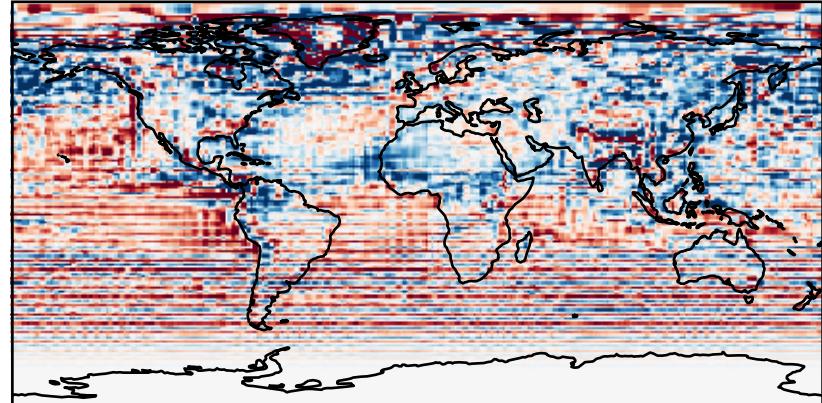
GCHP_12.8.0 (Dev)
c48



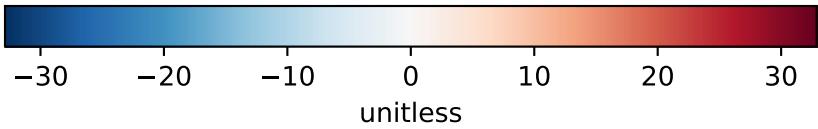
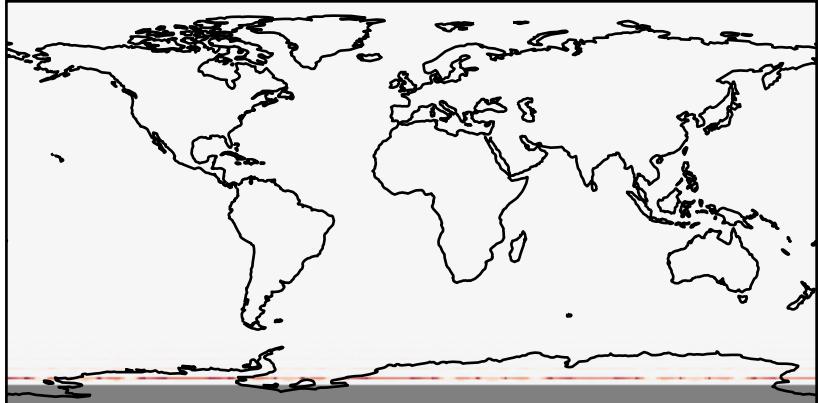
Difference (1x1.25)
Dev - Ref, Dynamic Range



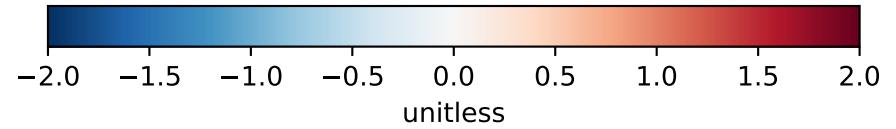
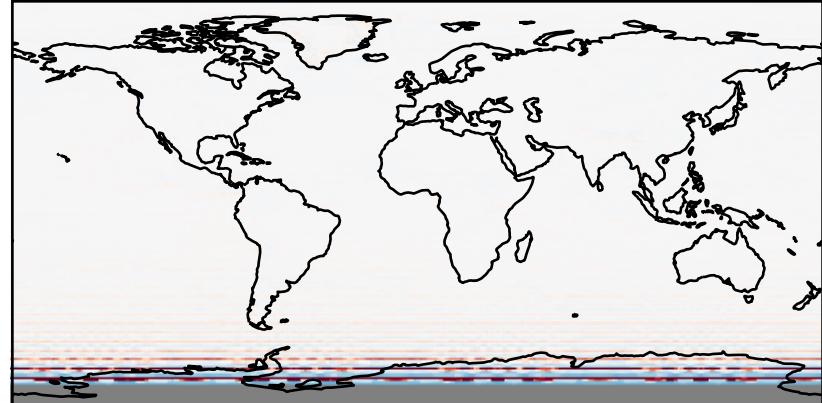
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



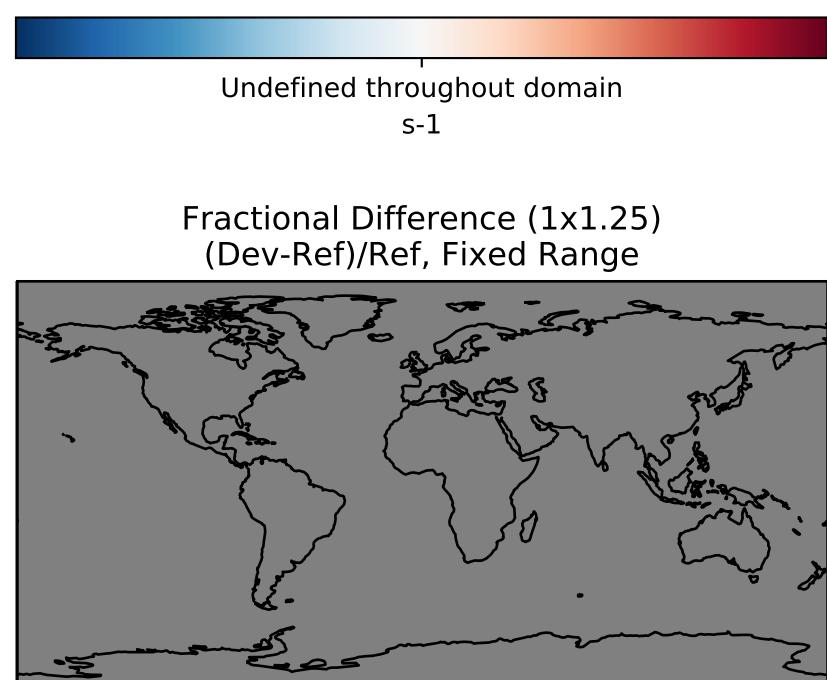
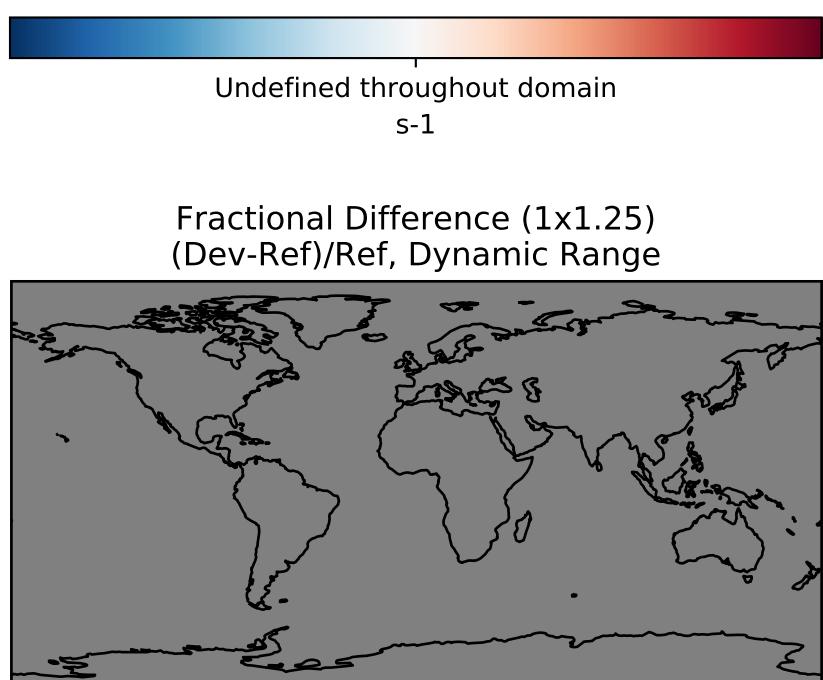
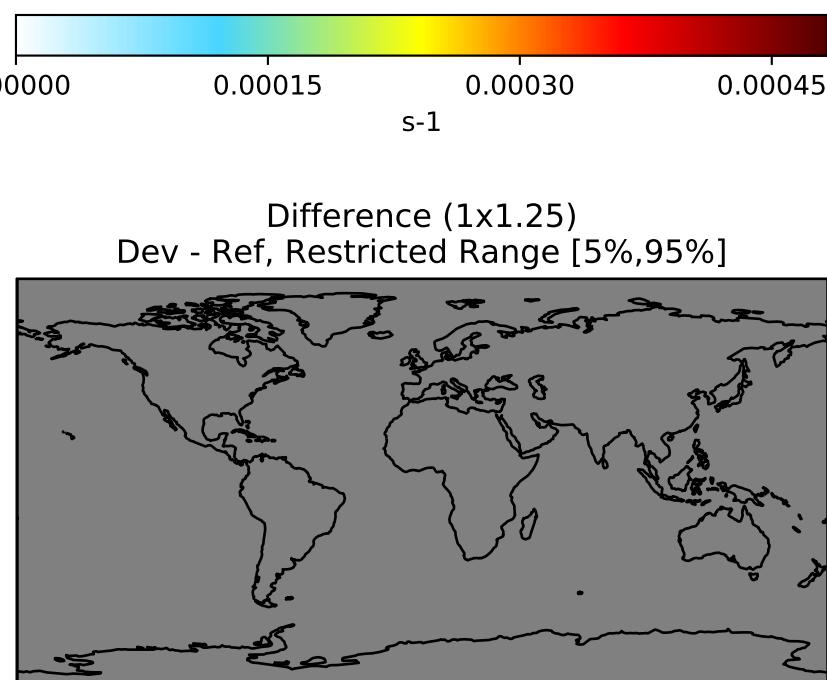
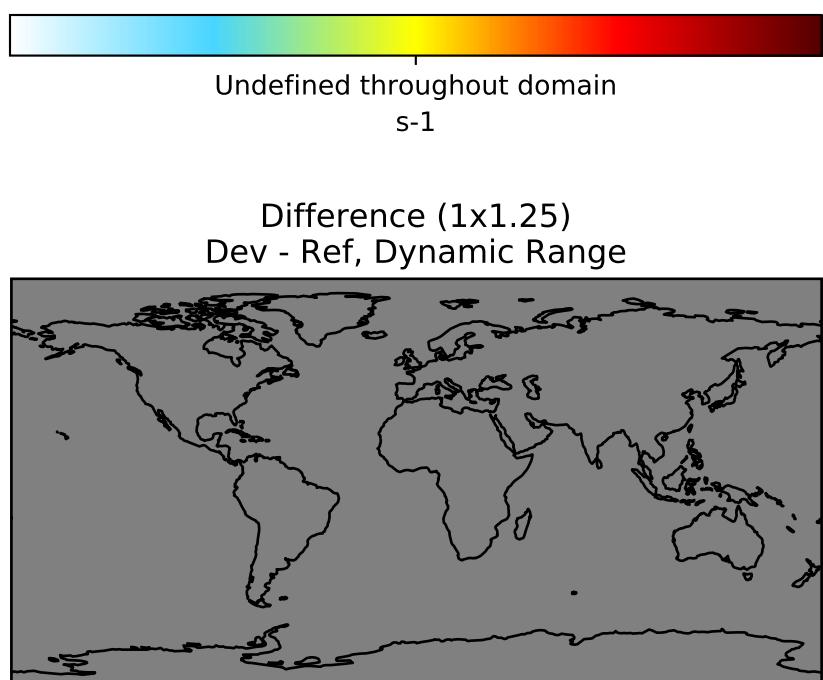
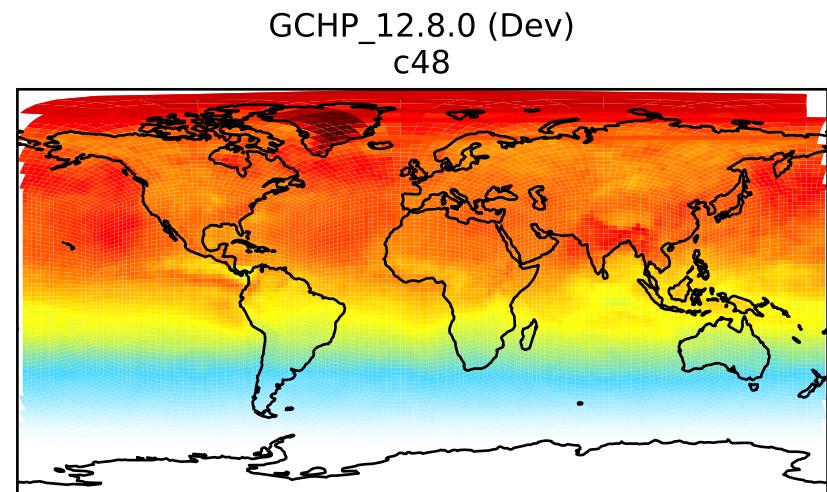
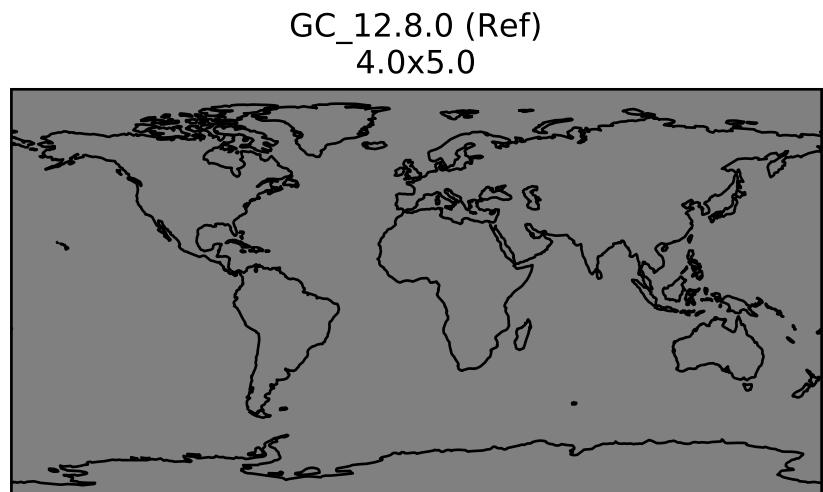
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

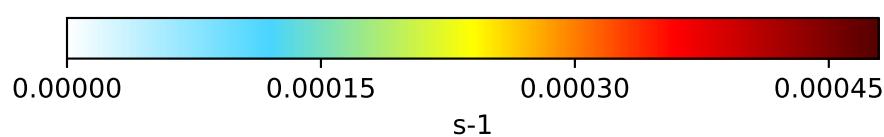
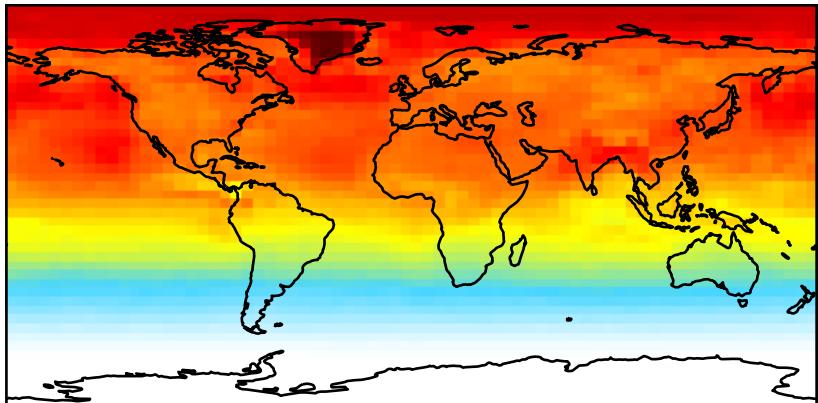


Jval_CH2IBR

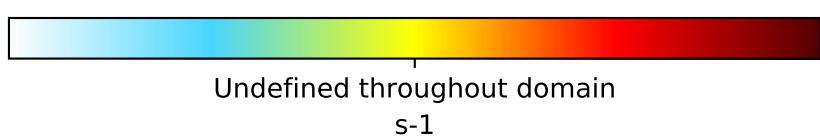
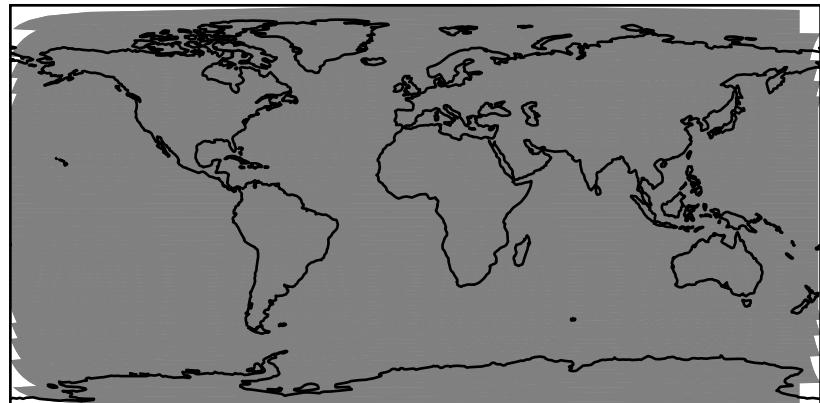


Jval_CH2IBr

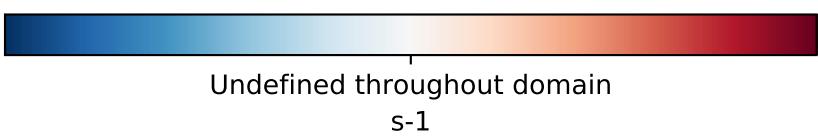
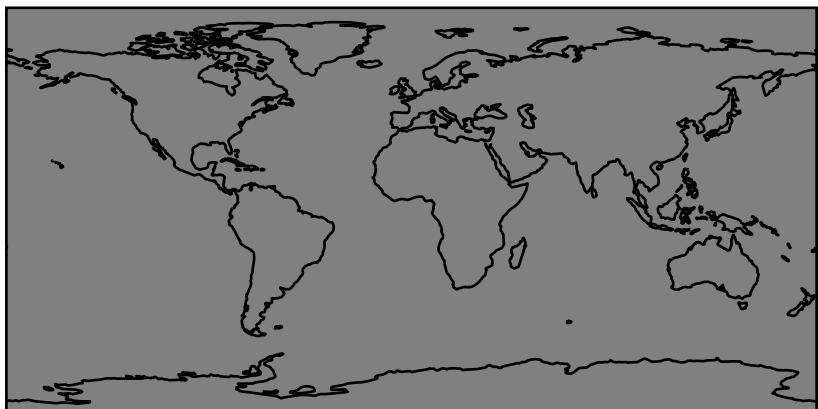
GC_12.8.0 (Ref)
4.0x5.0



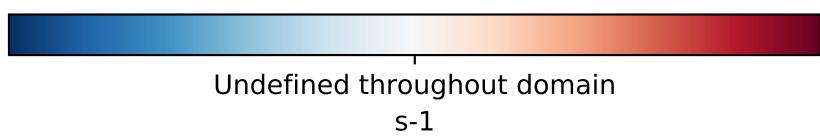
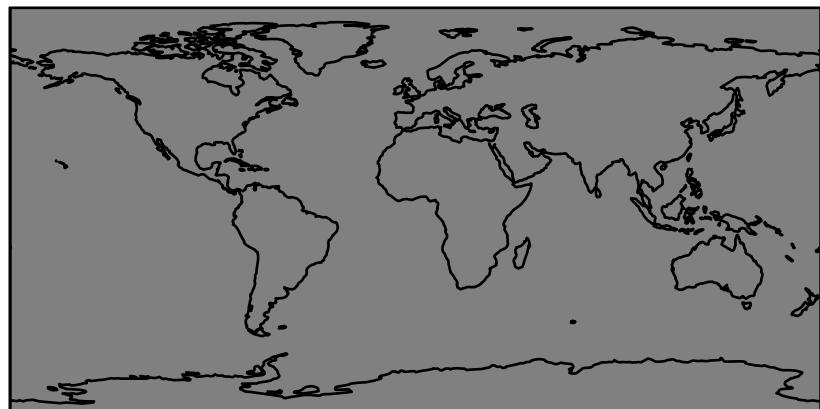
GCHP_12.8.0 (Dev)
c48



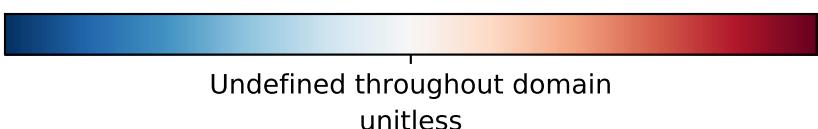
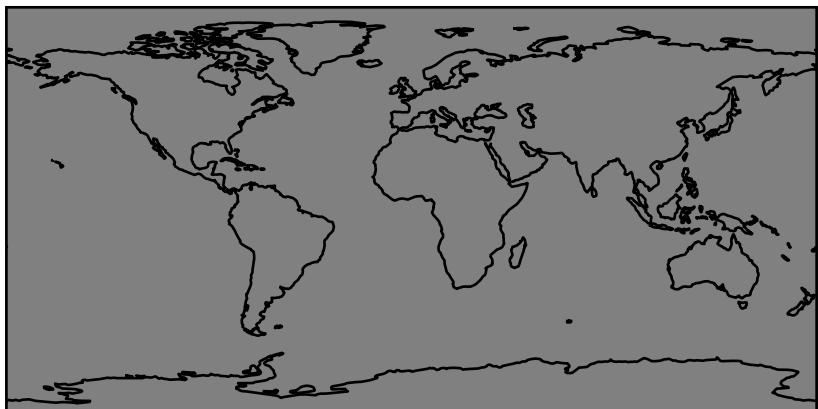
Difference (1x1.25)
Dev - Ref, Dynamic Range



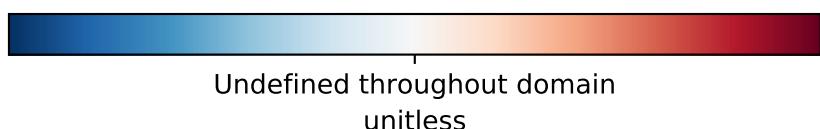
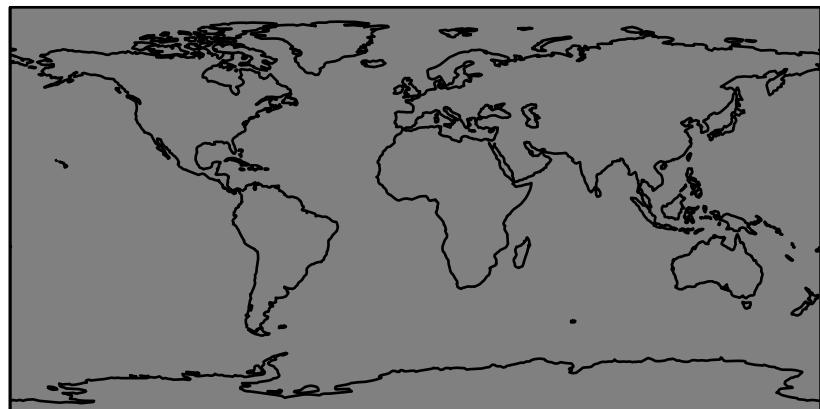
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

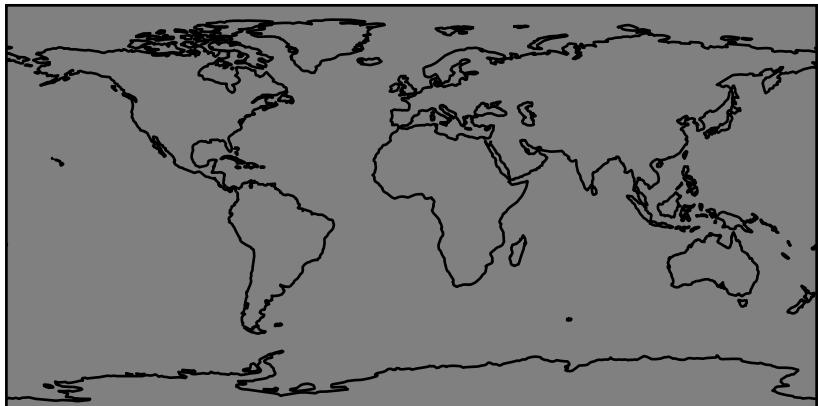


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



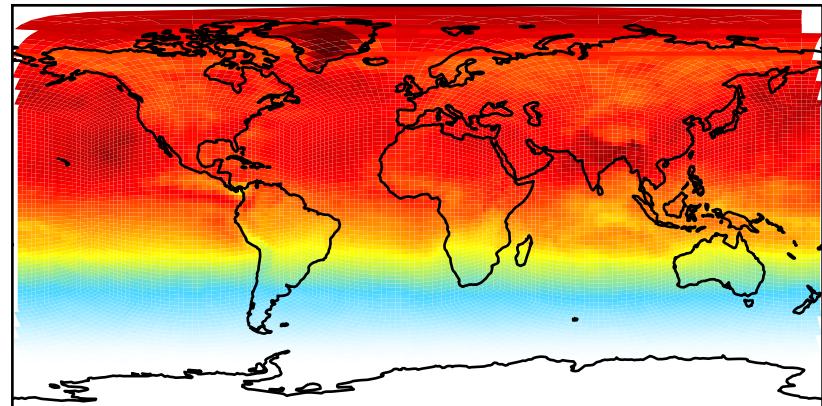
Jval_CH2ICL

GC_12.8.0 (Ref)
4.0x5.0



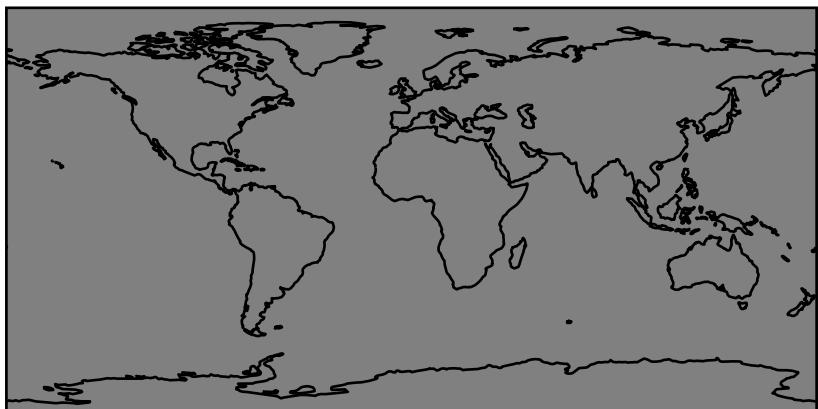
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s-1

GCHP_12.8.0 (Dev)
c48



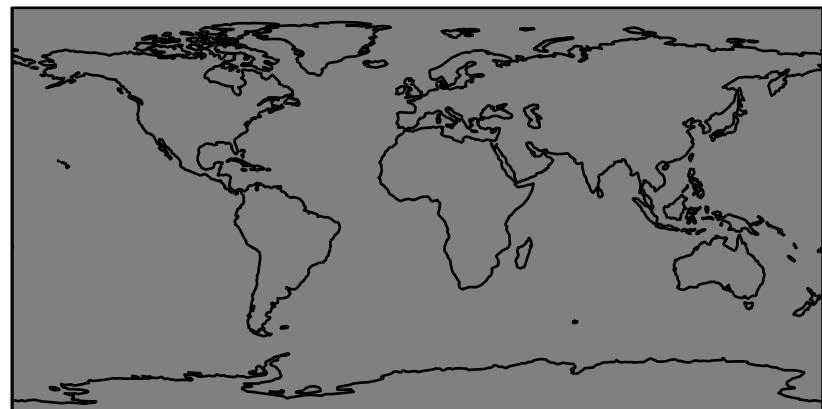
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Difference (1x1.25)
Dev - Ref, Dynamic Range



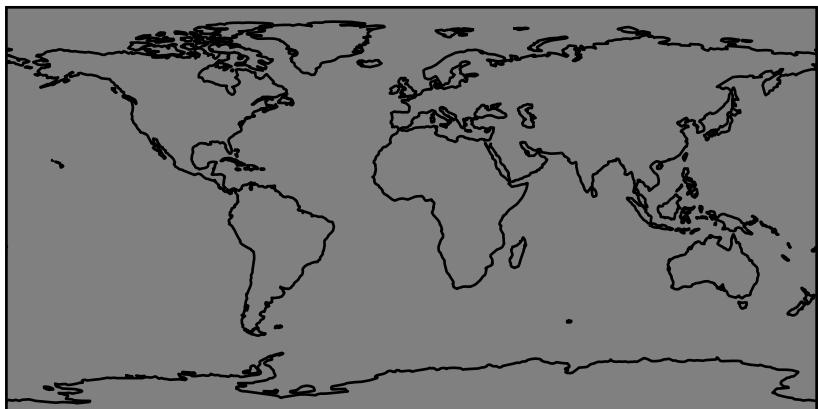
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Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



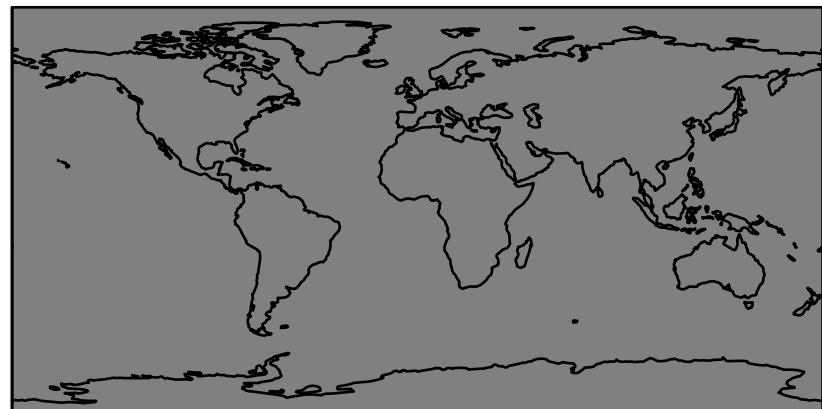
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s-1

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



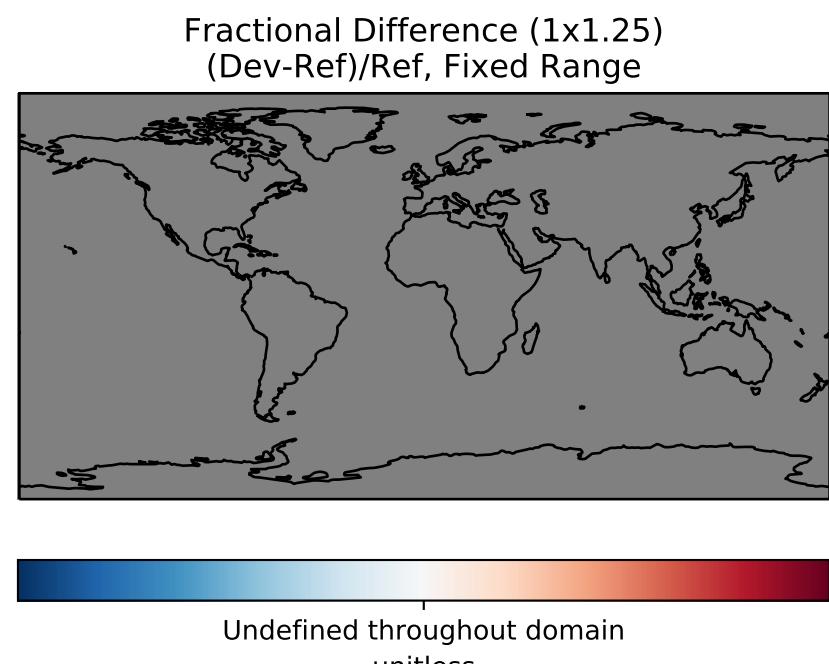
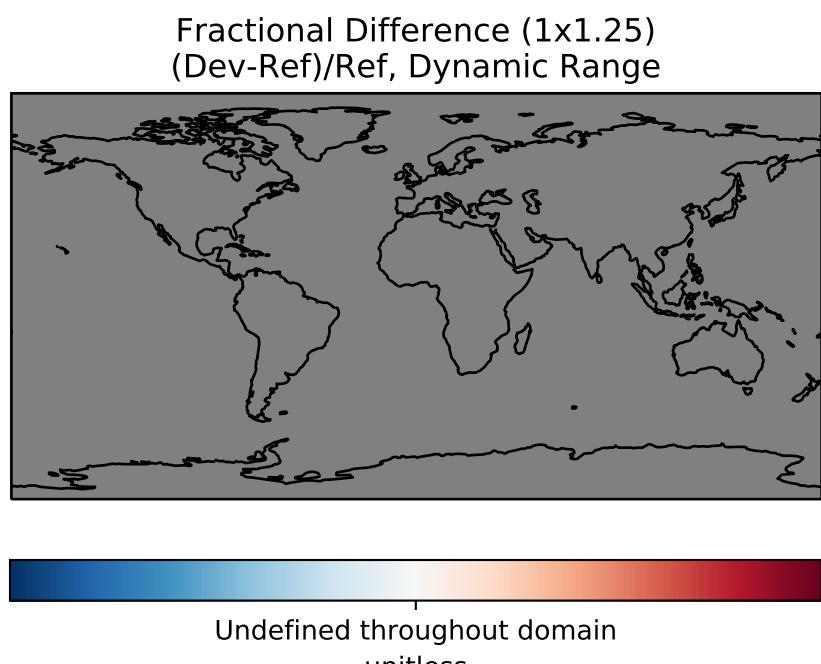
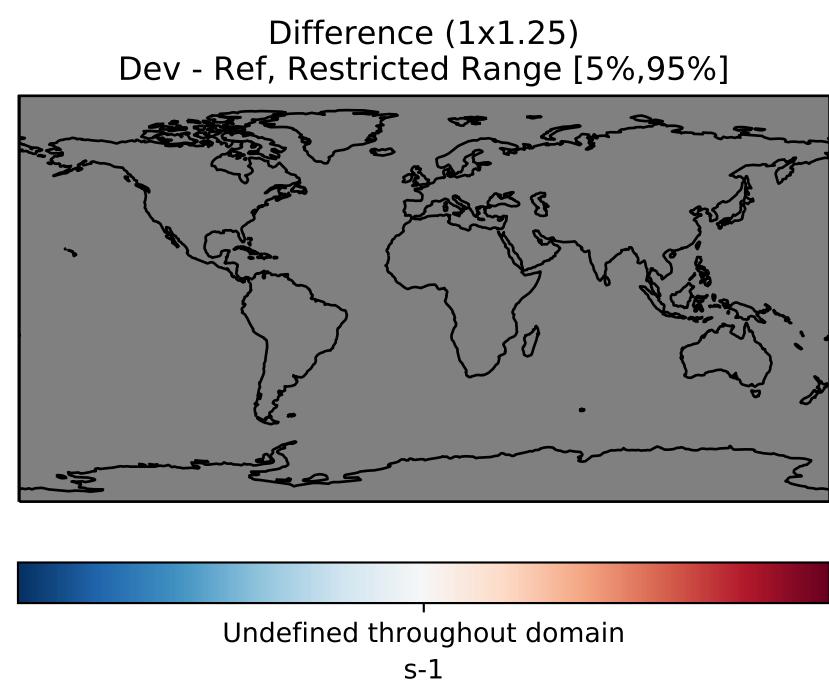
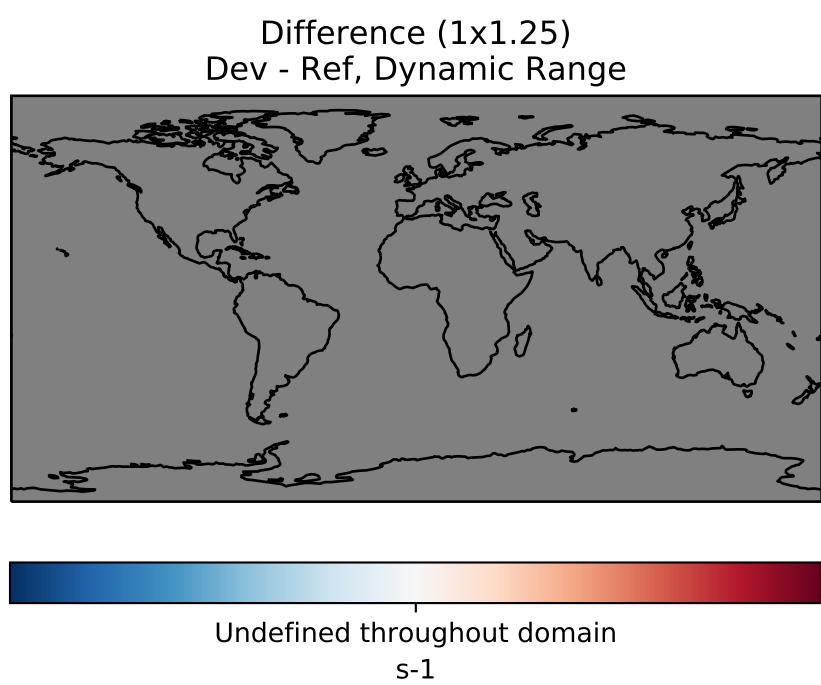
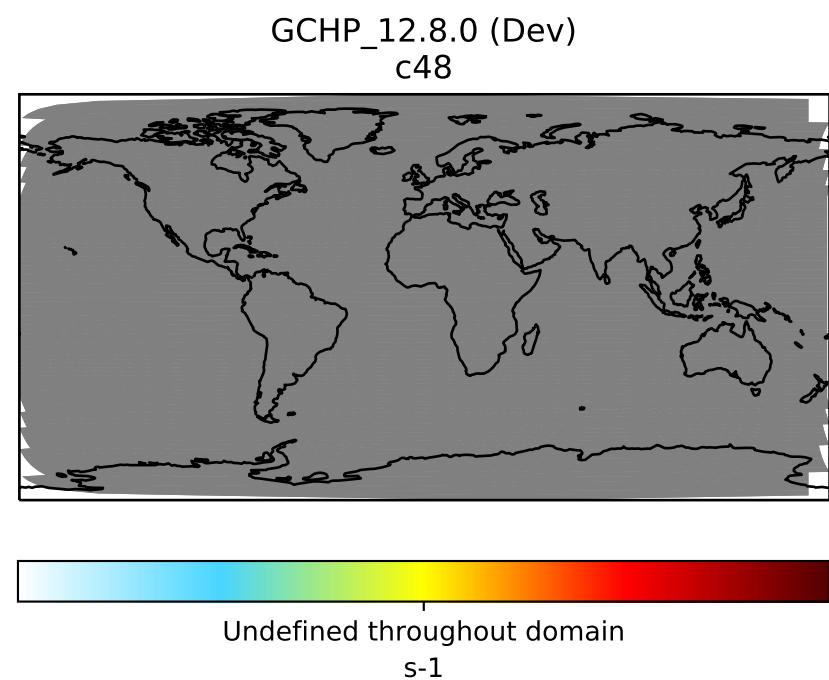
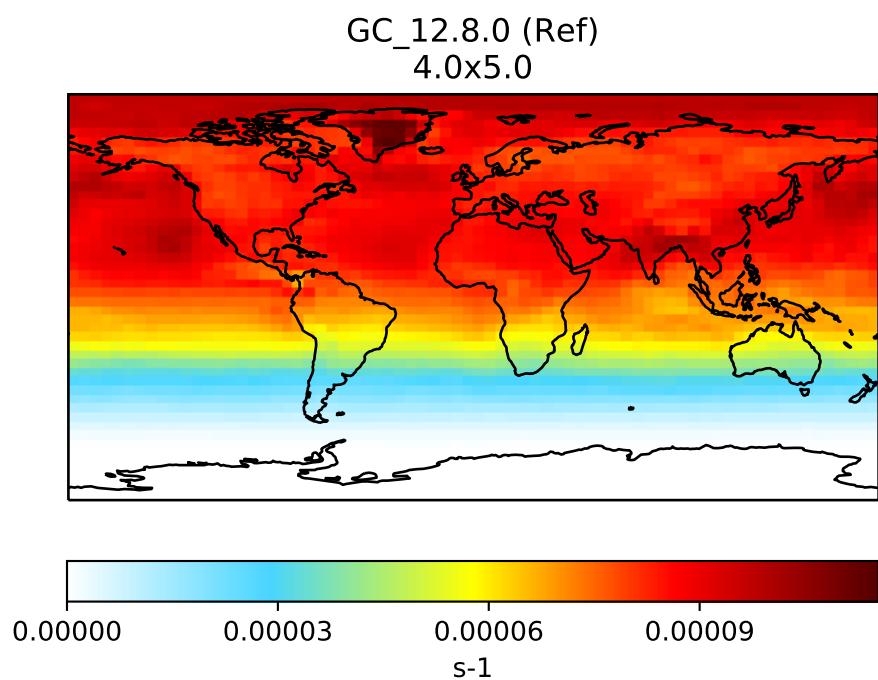
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Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

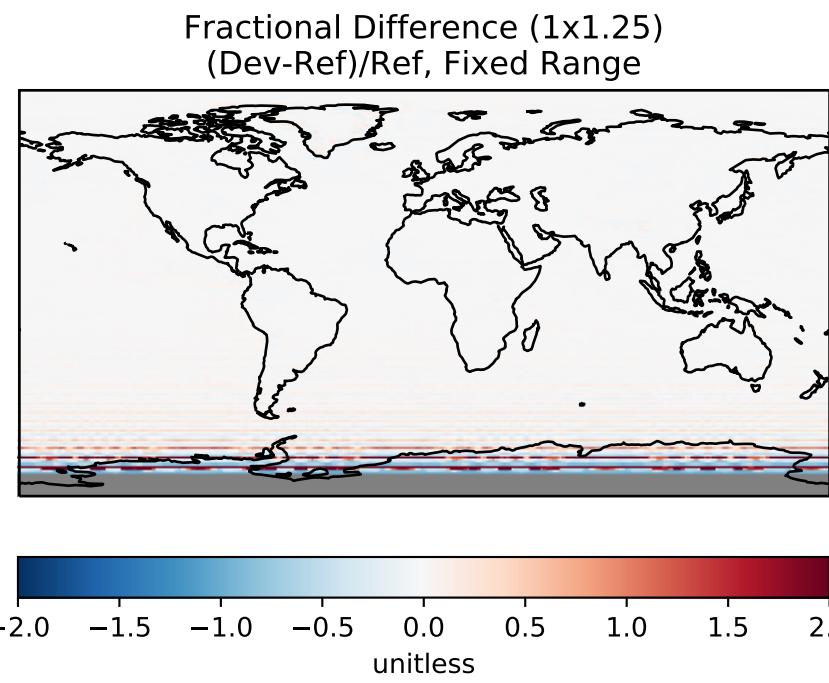
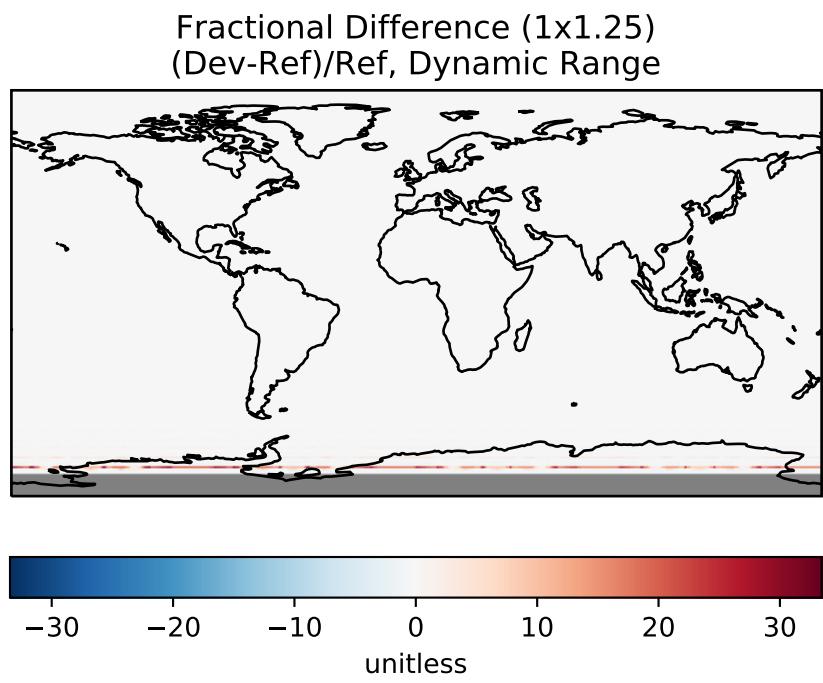
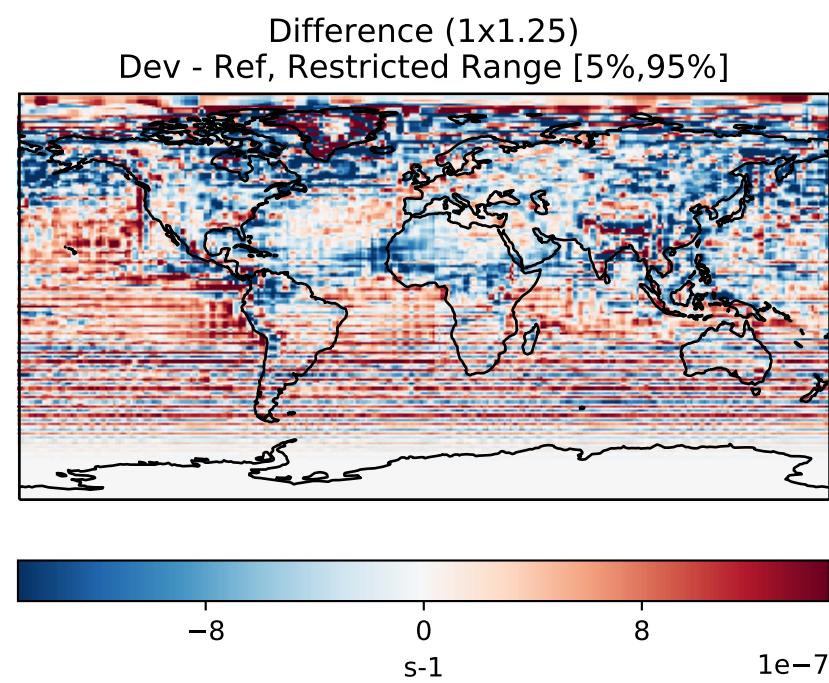
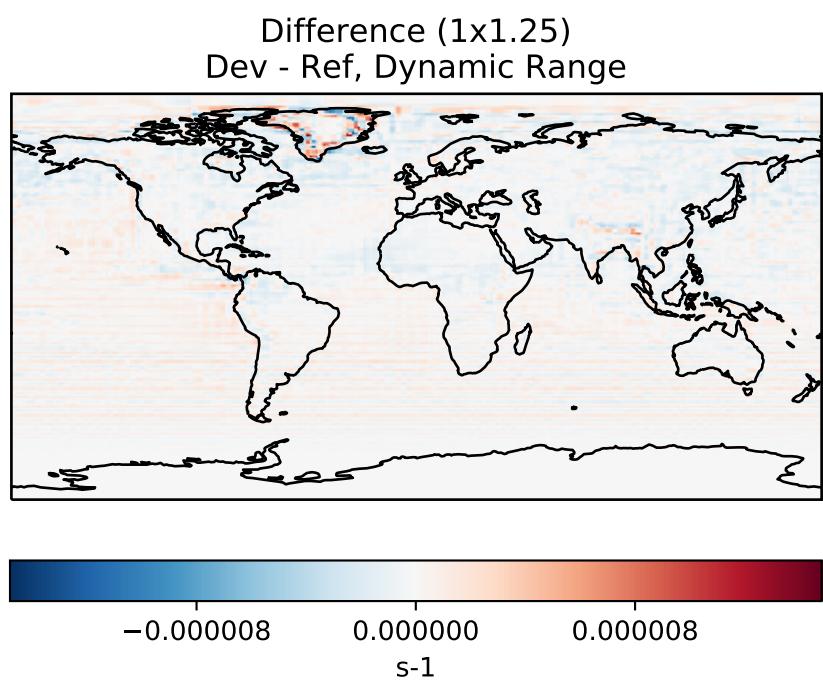
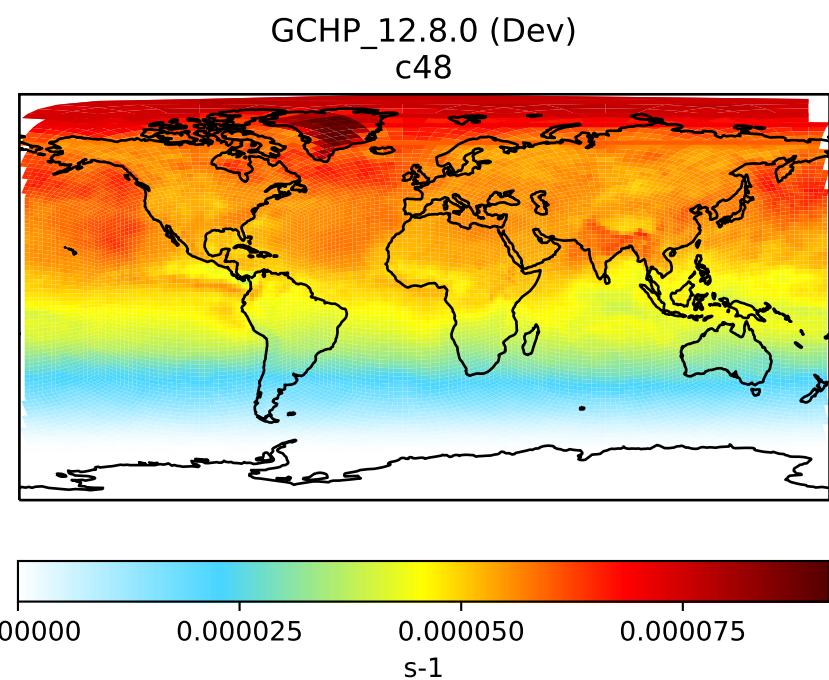
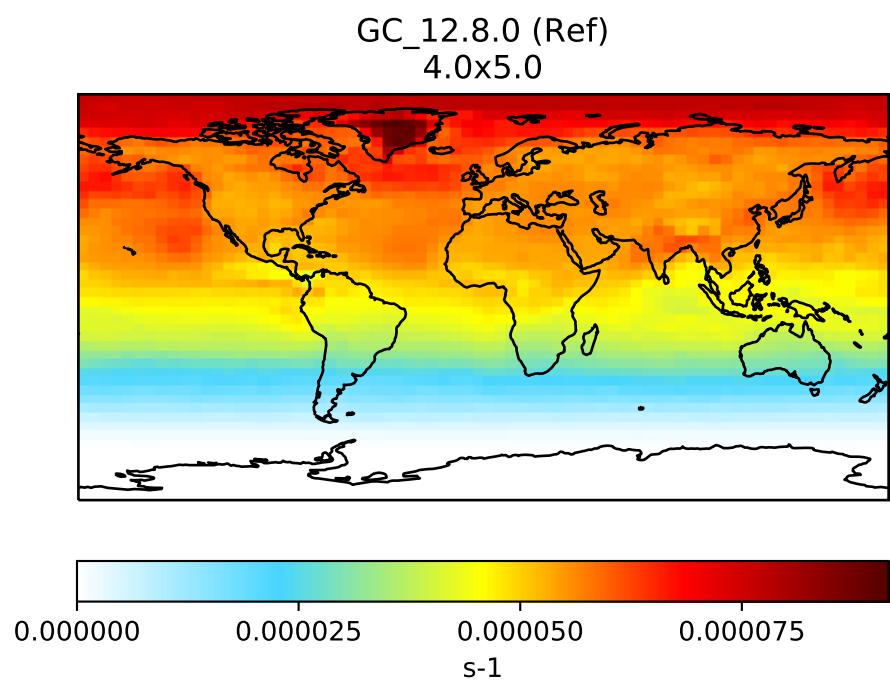


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Jval_CH2ICI

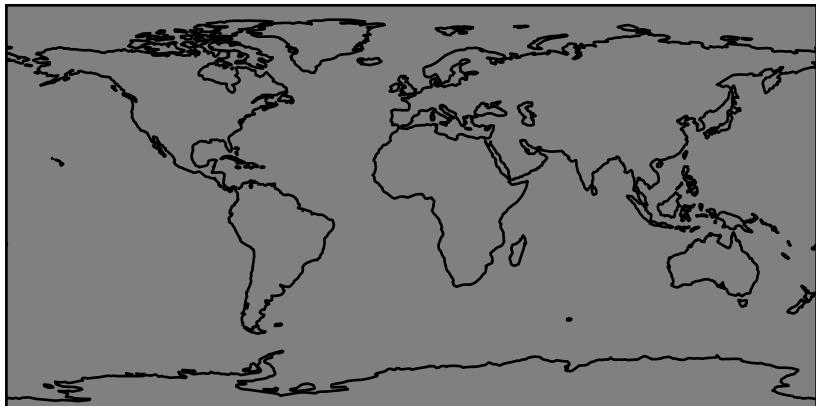


Jval_CH2O



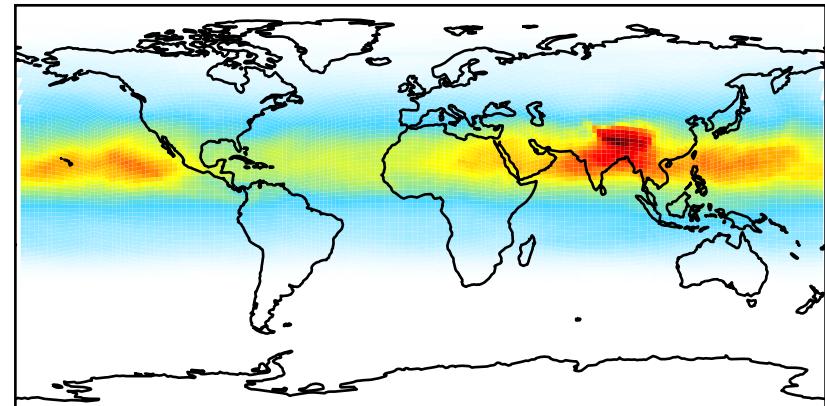
Jval_CH3BR

GC_12.8.0 (Ref)
4.0x5.0



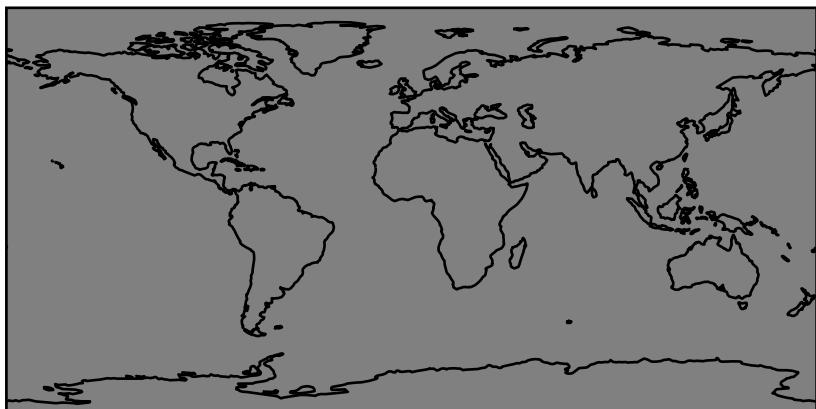
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s-1

GCHP_12.8.0 (Dev)
c48



0 1 2 3 1e-13
s-1

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



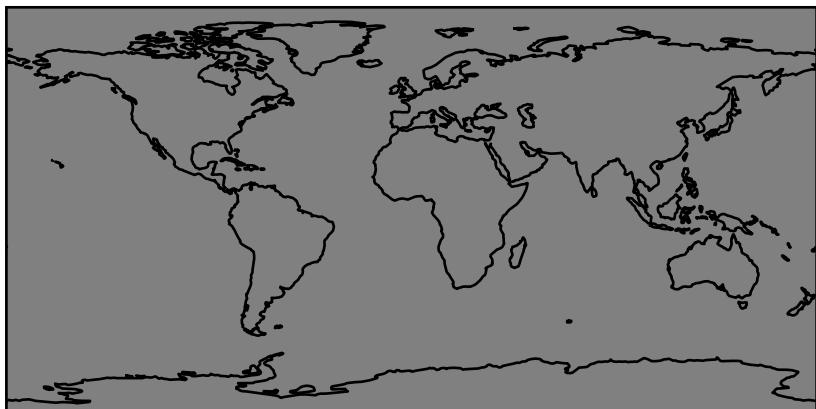
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s-1

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



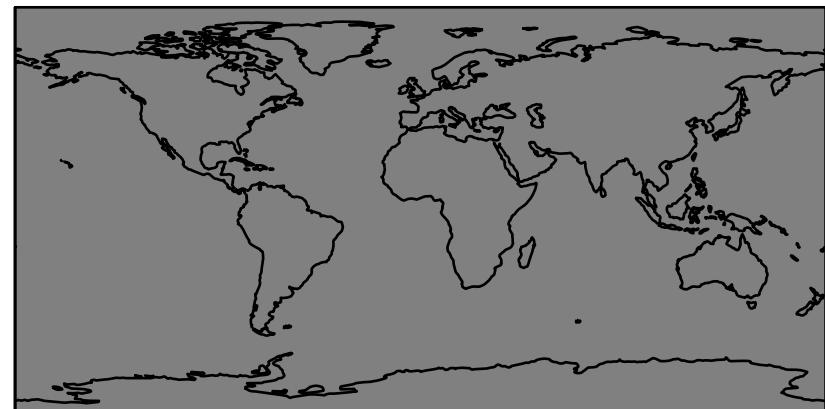
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s-1

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



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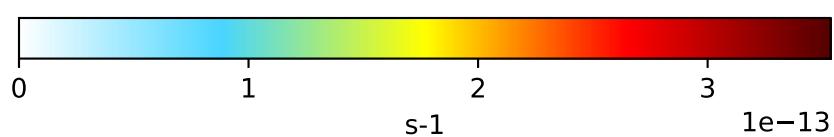
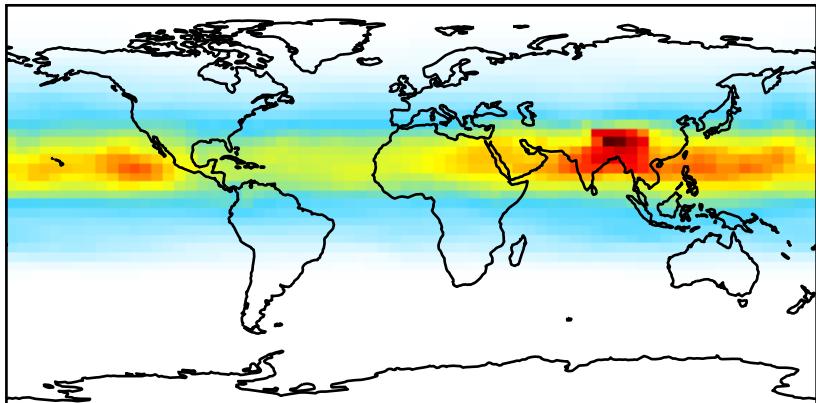
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



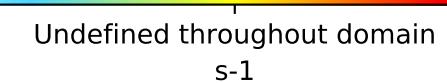
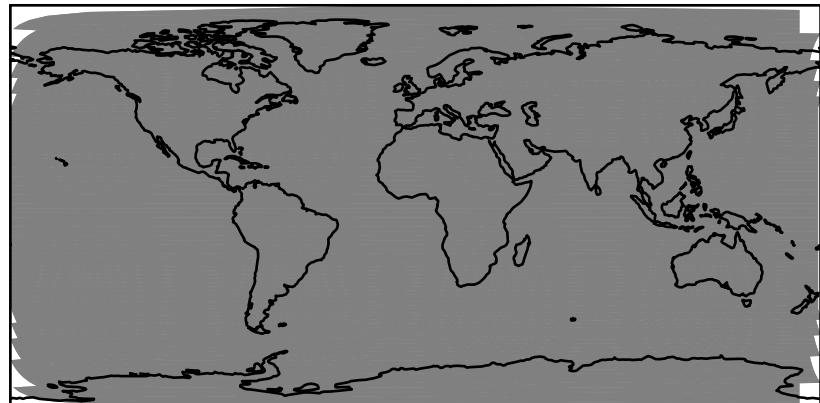
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Jval_CH3Br

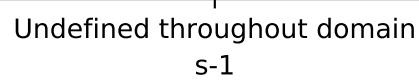
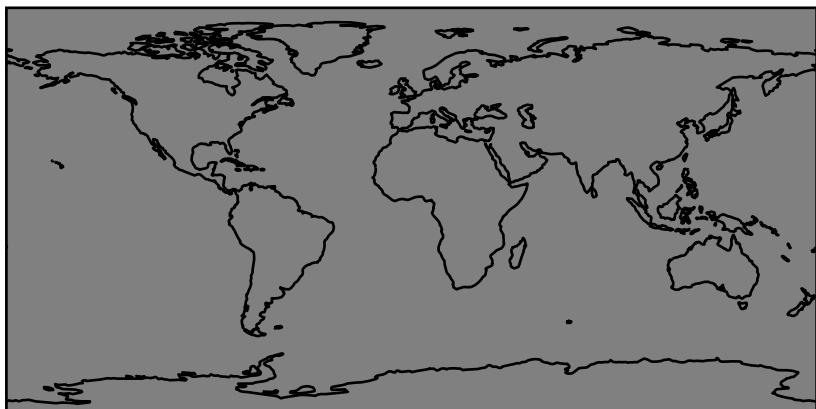
GC_12.8.0 (Ref)
4.0x5.0



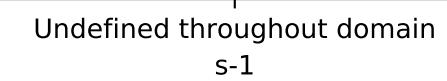
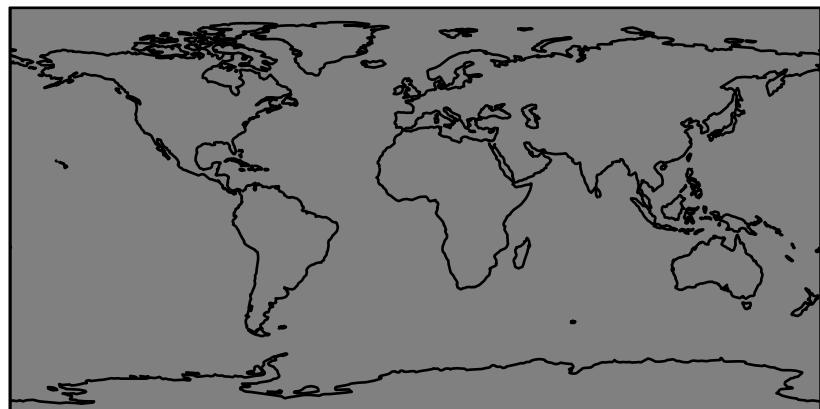
GCHP_12.8.0 (Dev)
c48



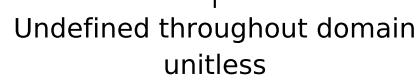
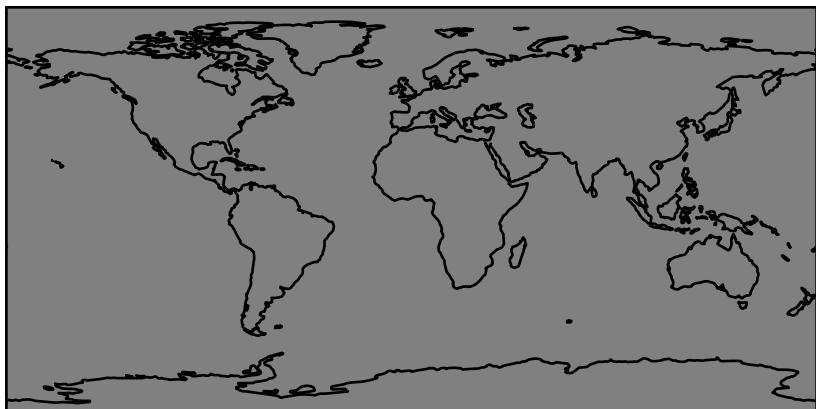
Difference (1x1.25)
Dev - Ref, Dynamic Range



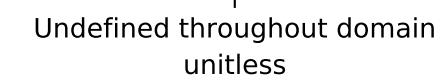
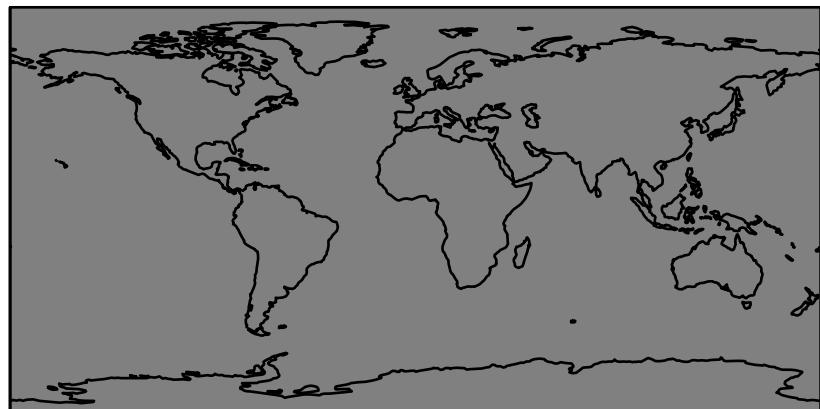
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

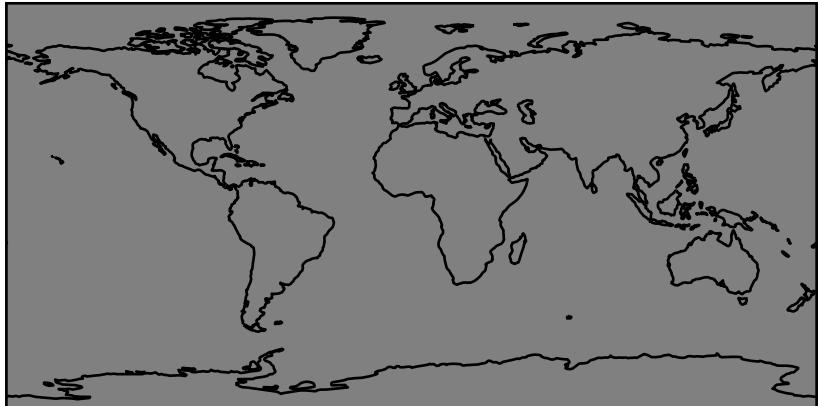


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



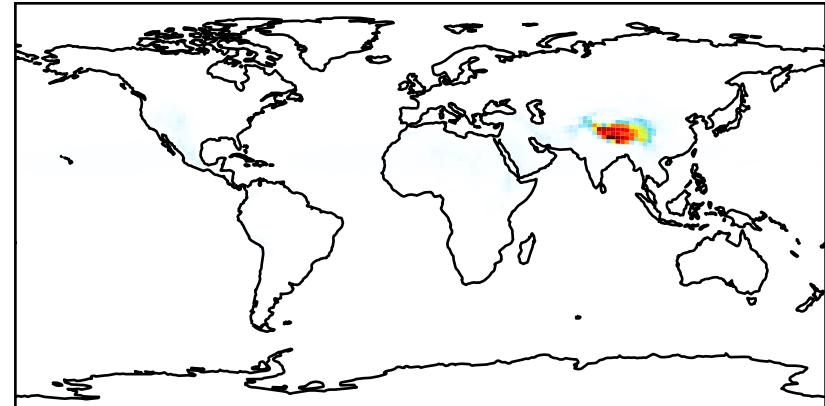
Jval_CH3CCL3

GC_12.8.0 (Ref)
4.0x5.0



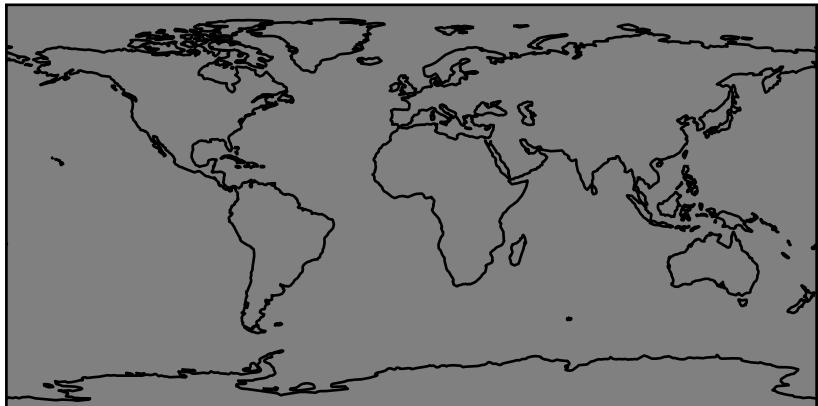
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s⁻¹

GCHP_12.8.0 (Dev)
c48



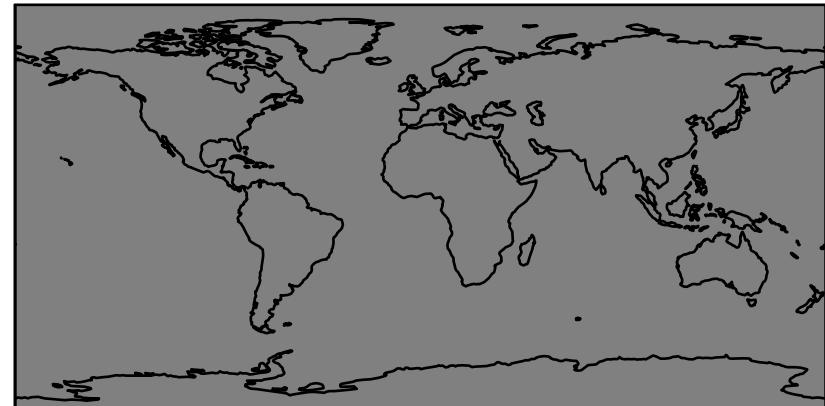
0 2 4 6 1e-14
s⁻¹

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



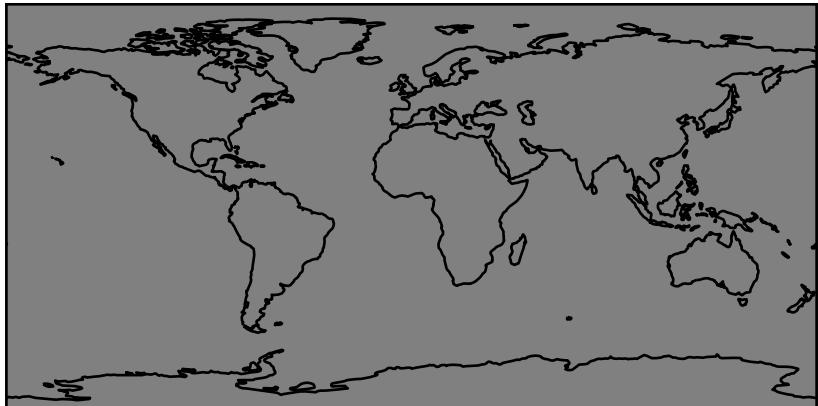
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s⁻¹

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



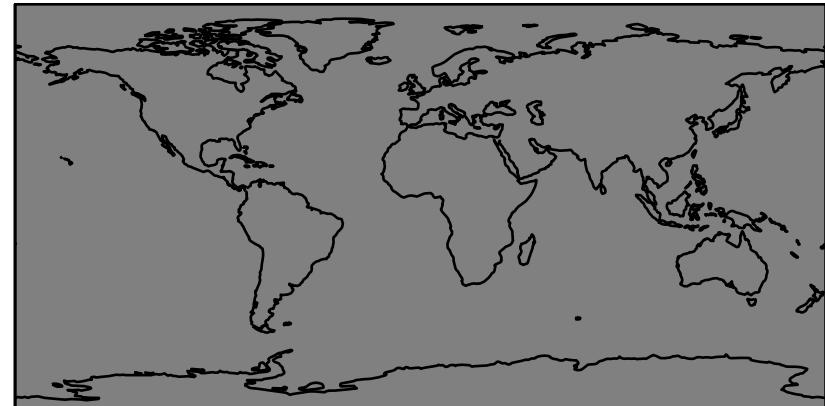
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s⁻¹

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



Undefined throughout domain
unitless

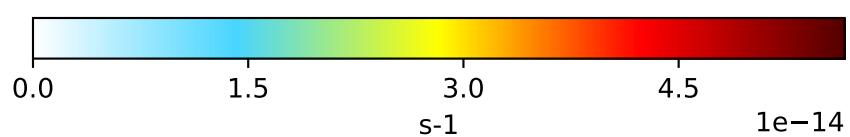
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



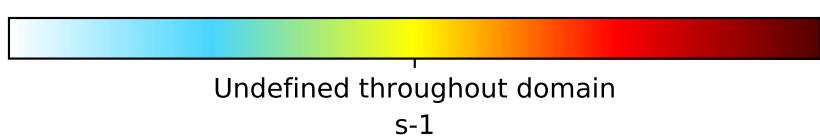
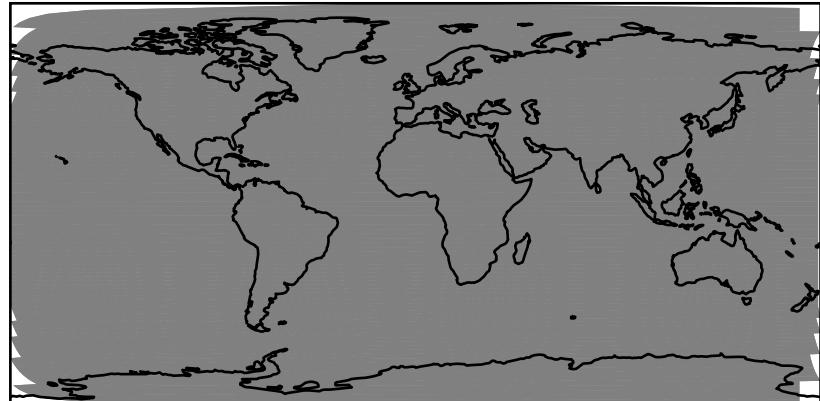
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Jval_CH3CCl3

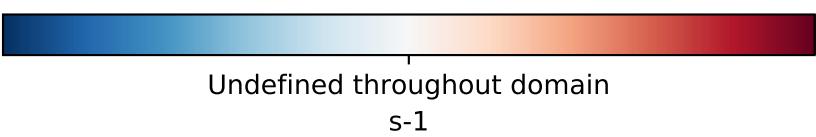
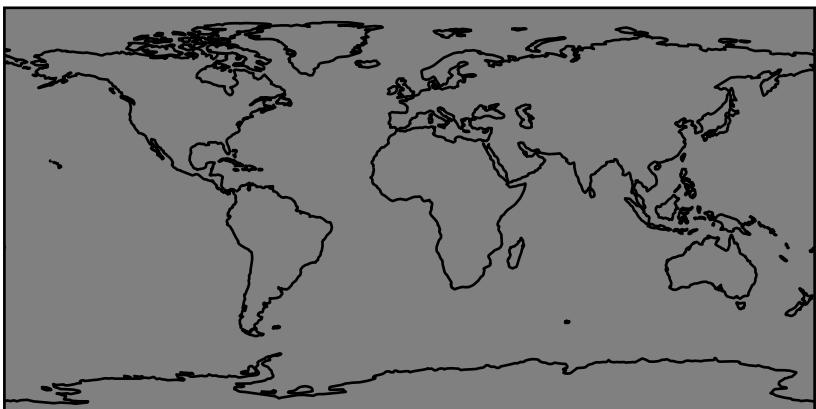
GC_12.8.0 (Ref)
4.0x5.0



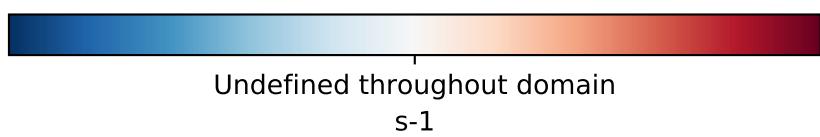
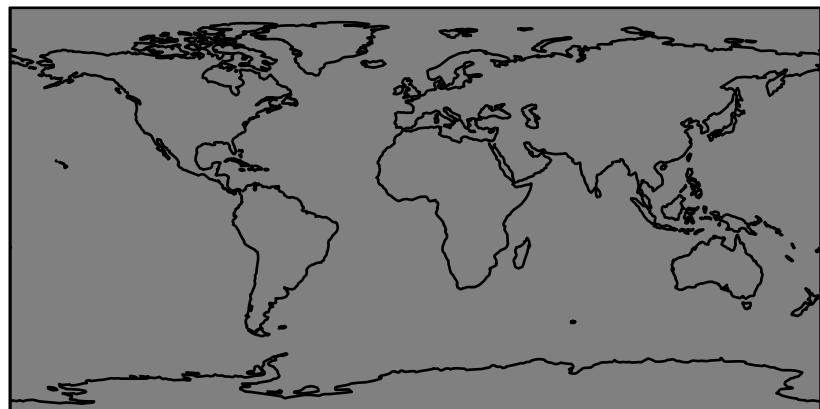
GCHP_12.8.0 (Dev)
c48



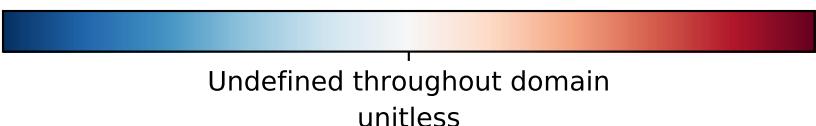
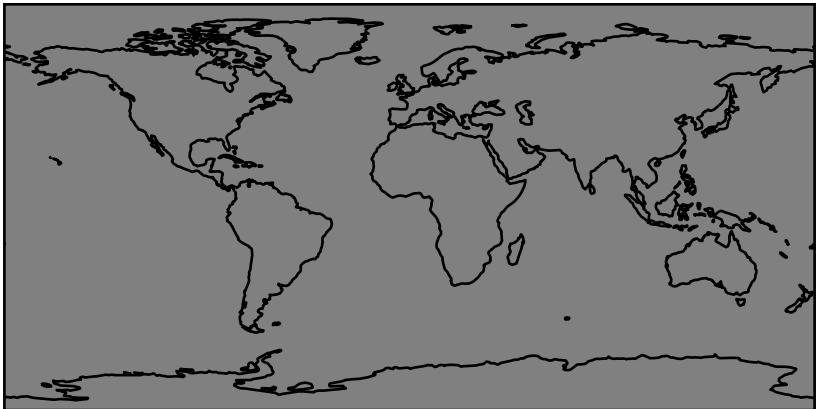
Difference (1x1.25)
Dev - Ref, Dynamic Range



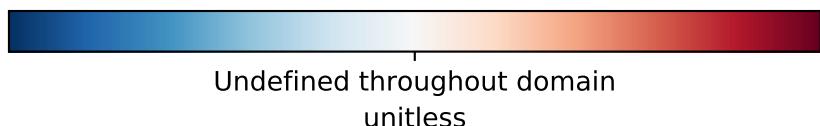
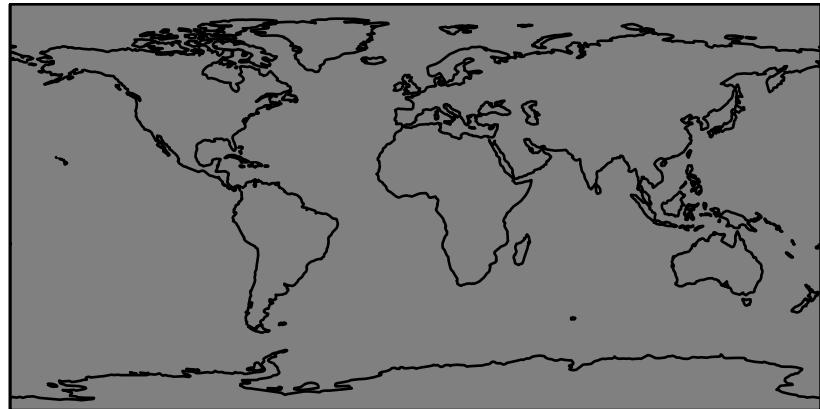
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

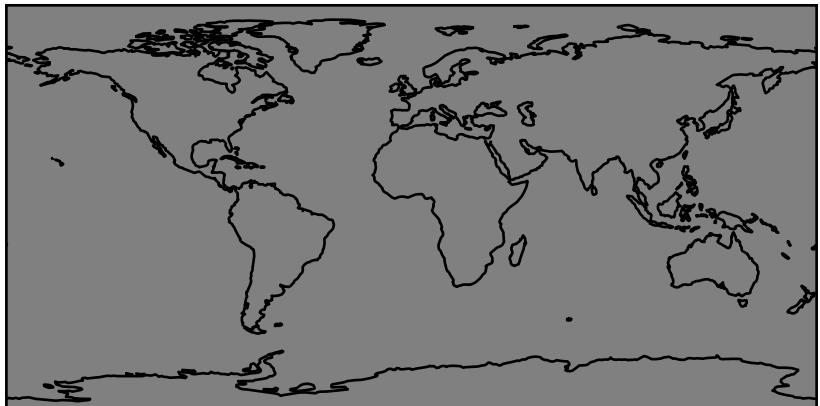


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



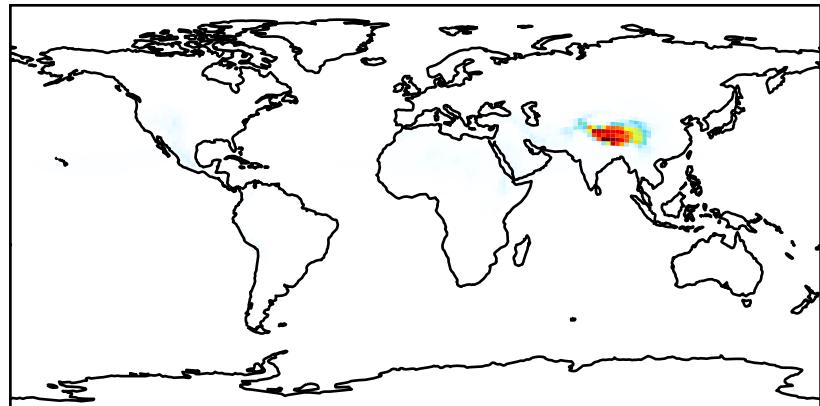
Jval_CH3CL

GC_12.8.0 (Ref)
4.0x5.0



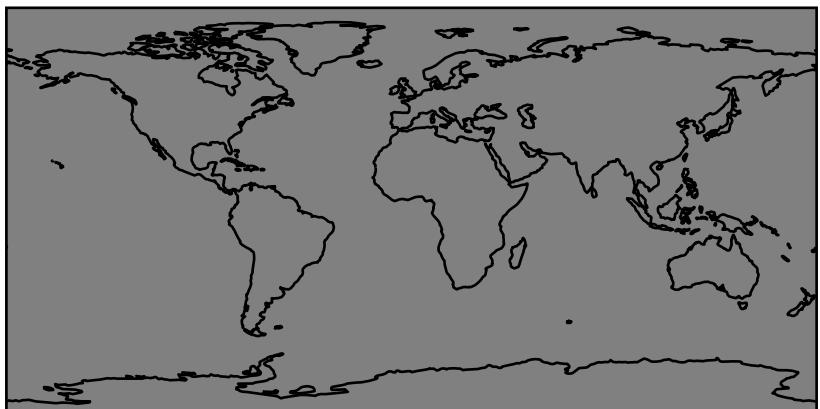
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s-1

GCHP_12.8.0 (Dev)
c48



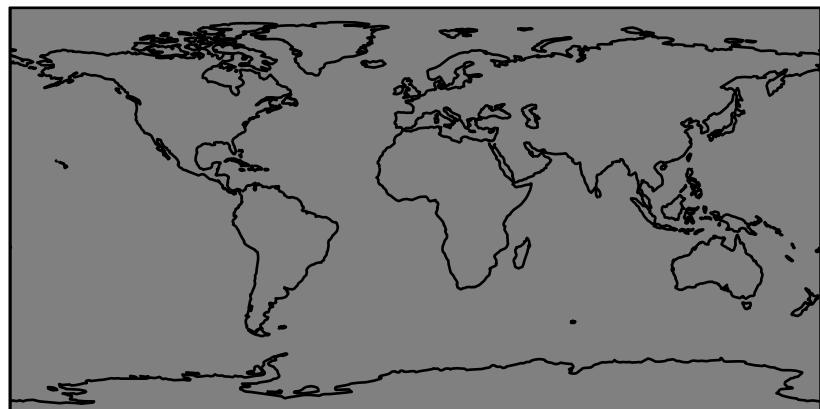
0.0 2.5 5.0 7.5
s-1 1e-16

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



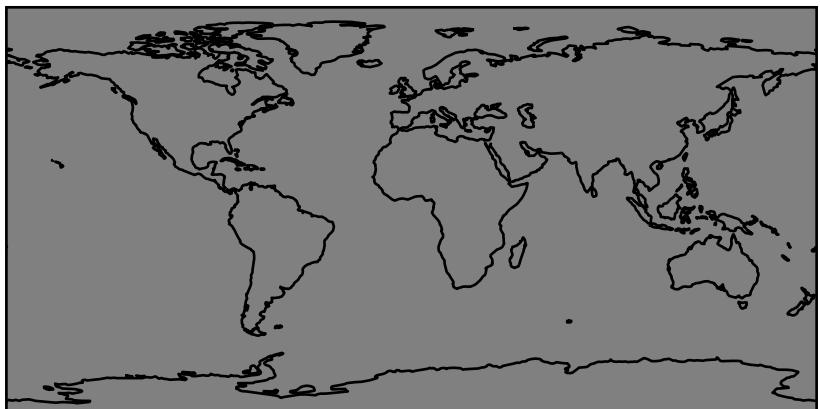
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s-1

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



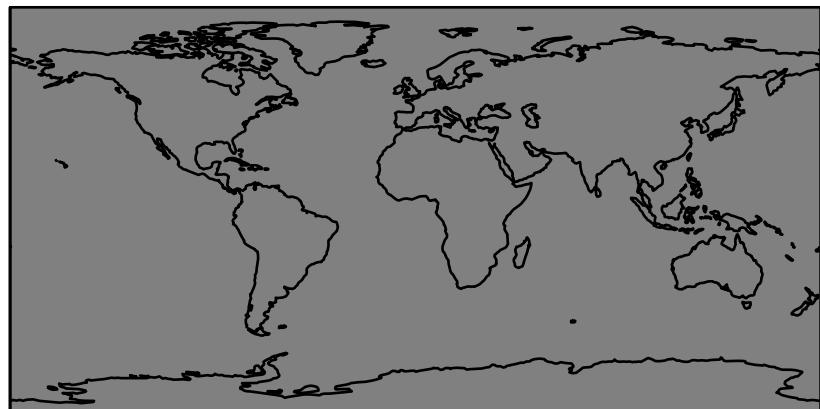
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s-1

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



Undefined throughout domain
unitless

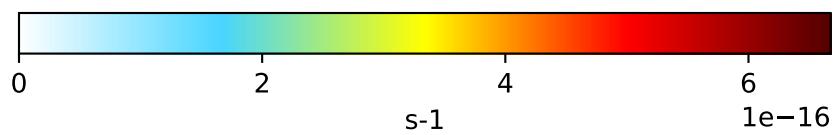
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



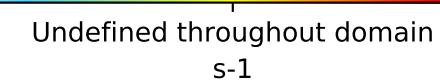
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Jval_CH3Cl

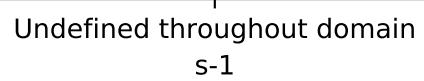
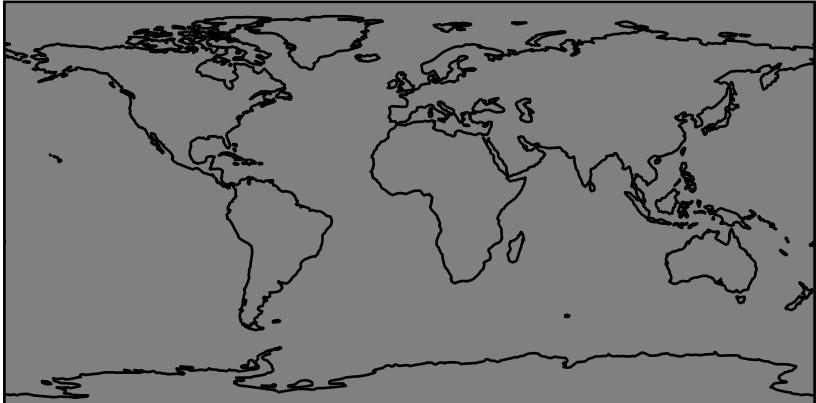
GC_12.8.0 (Ref)
4.0x5.0



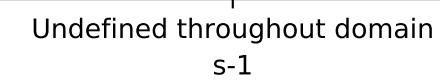
GCHP_12.8.0 (Dev)
c48



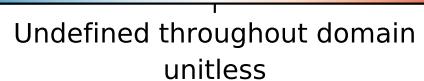
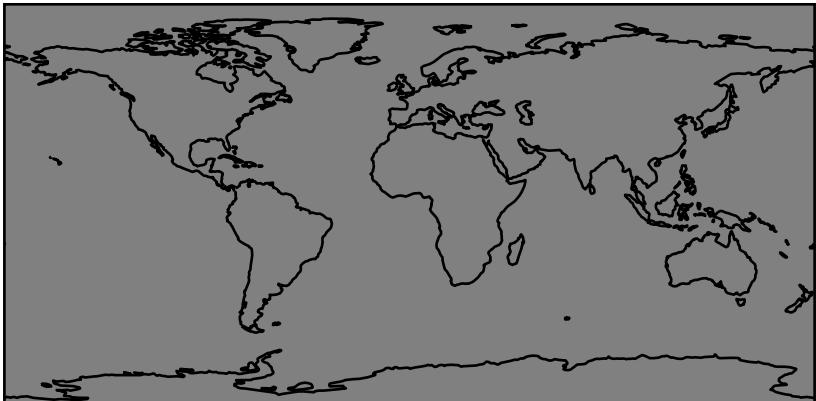
Difference (1x1.25)
Dev - Ref, Dynamic Range



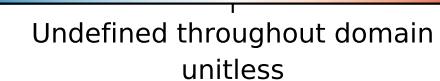
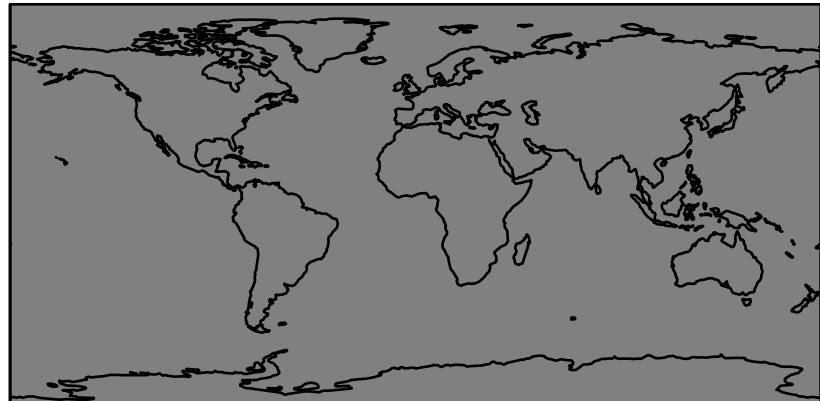
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



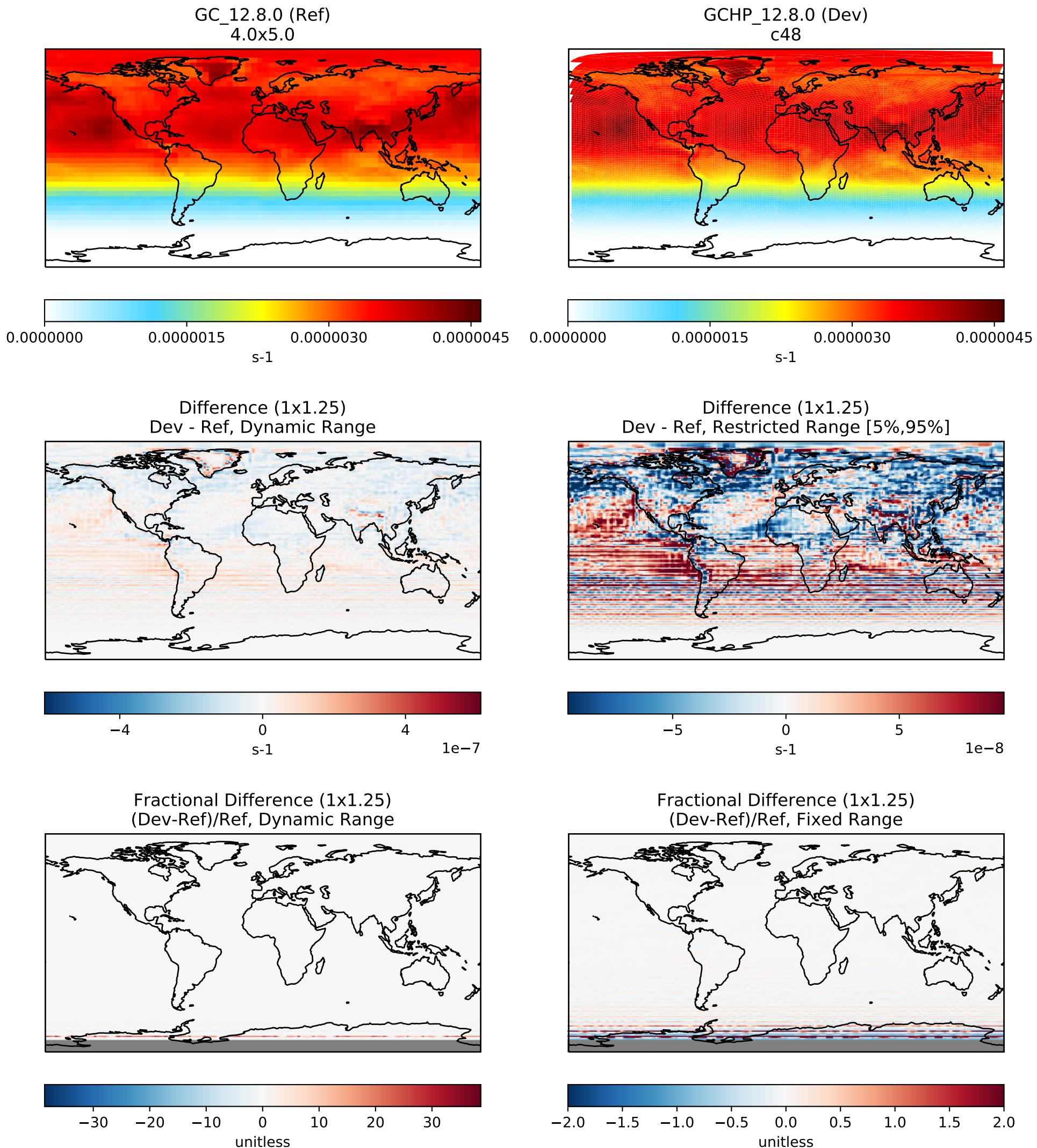
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

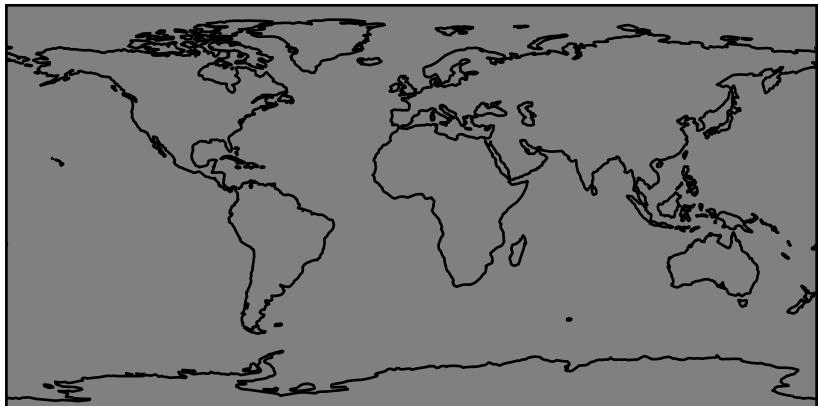


Jval_CH3I



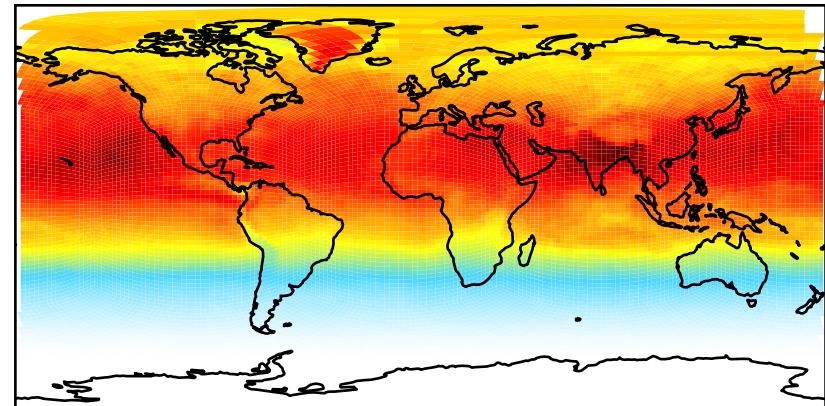
Jval_CHBR3

GC_12.8.0 (Ref)
4.0x5.0



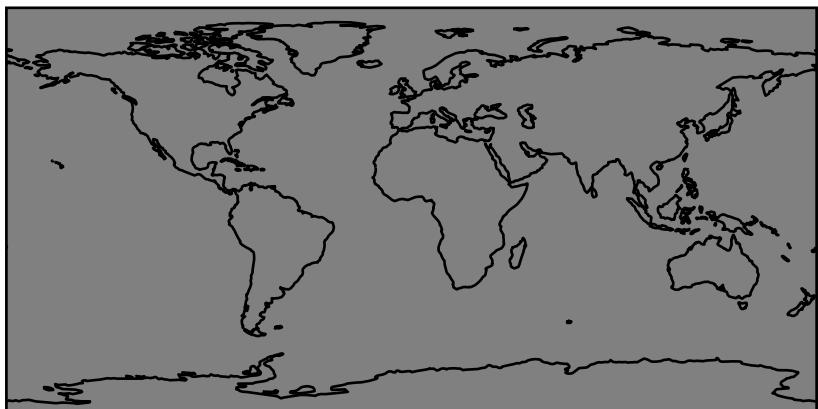
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s-1

GCHP_12.8.0 (Dev)
c48



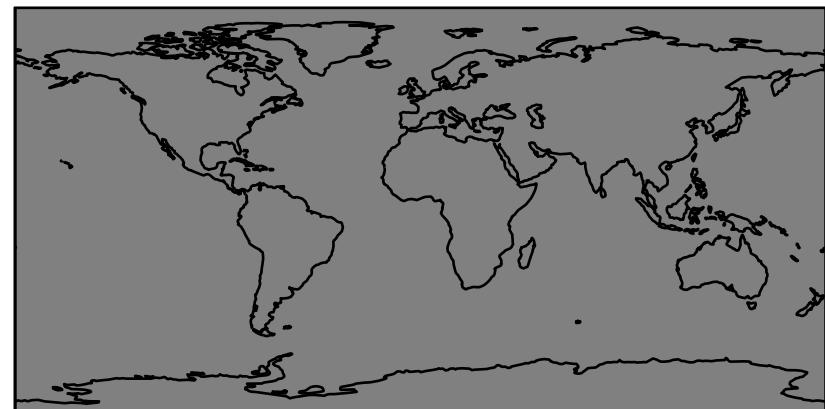
0 2 4 6 $1e-7$
s-1

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



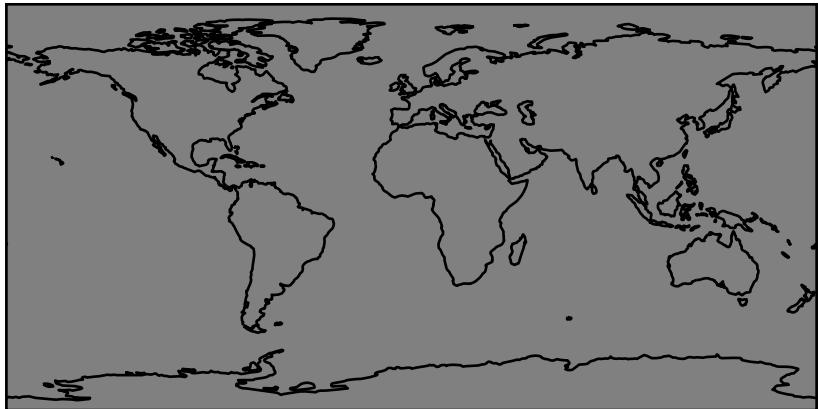
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s-1

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



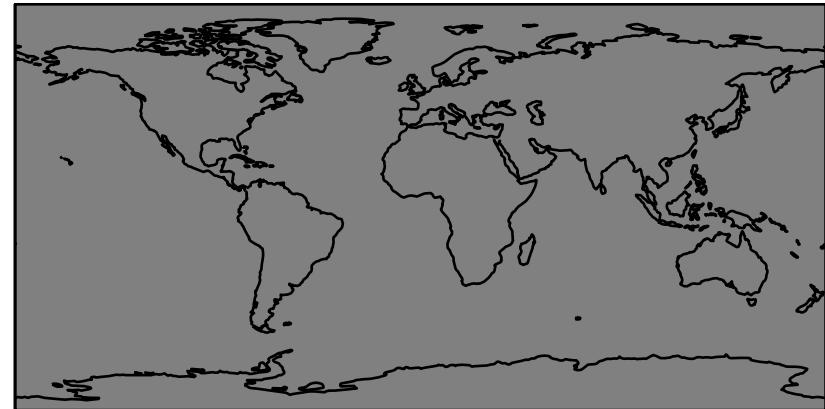
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s-1

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



Undefined throughout domain
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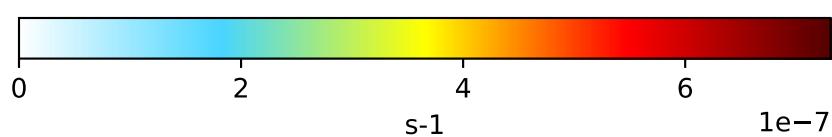
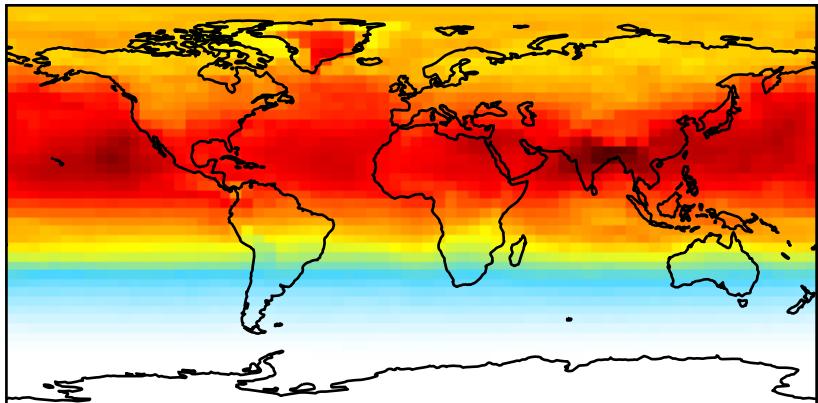
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



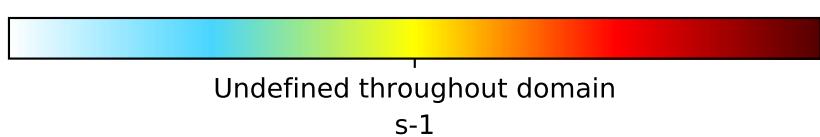
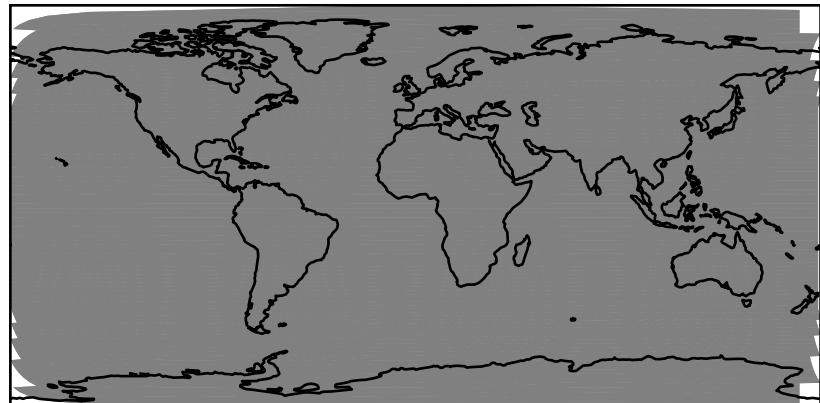
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Jval_CHBr3

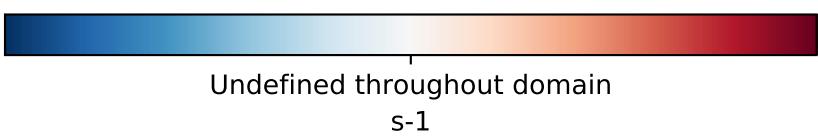
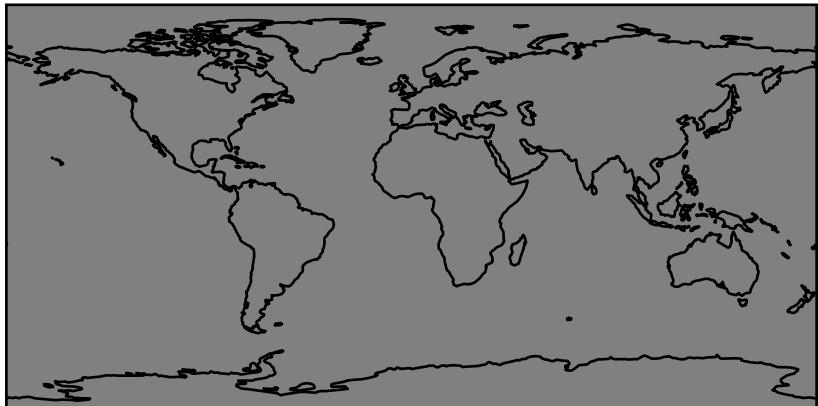
GC_12.8.0 (Ref)
4.0x5.0



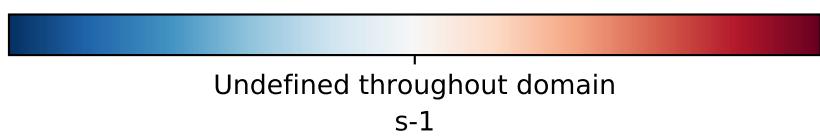
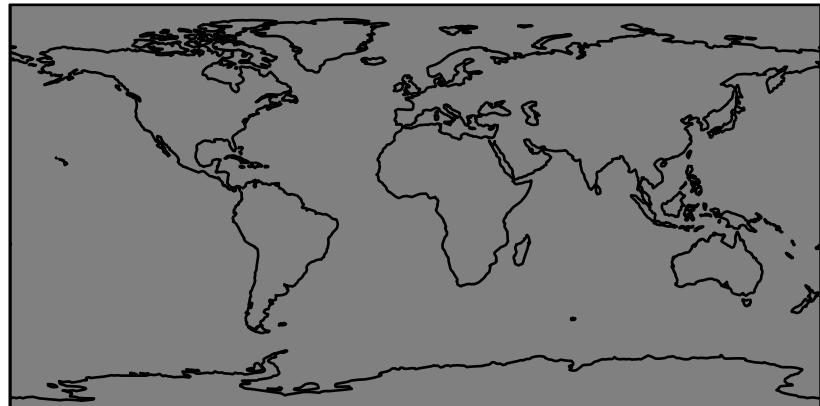
GCHP_12.8.0 (Dev)
c48



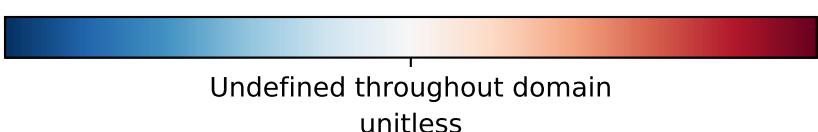
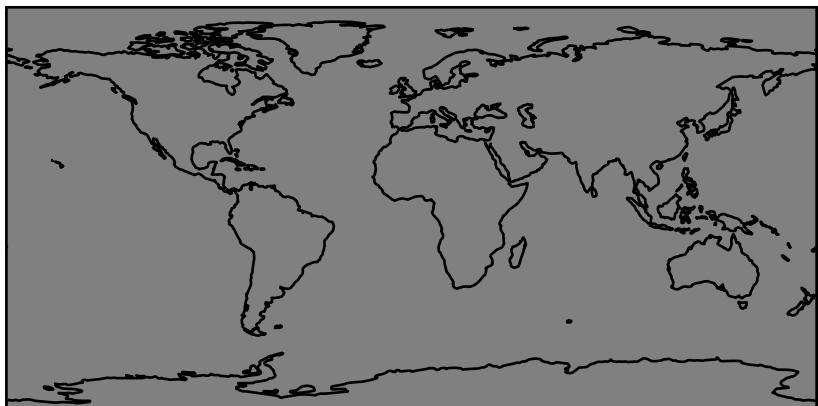
Difference (1x1.25)
Dev - Ref, Dynamic Range



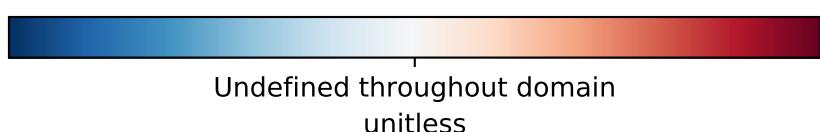
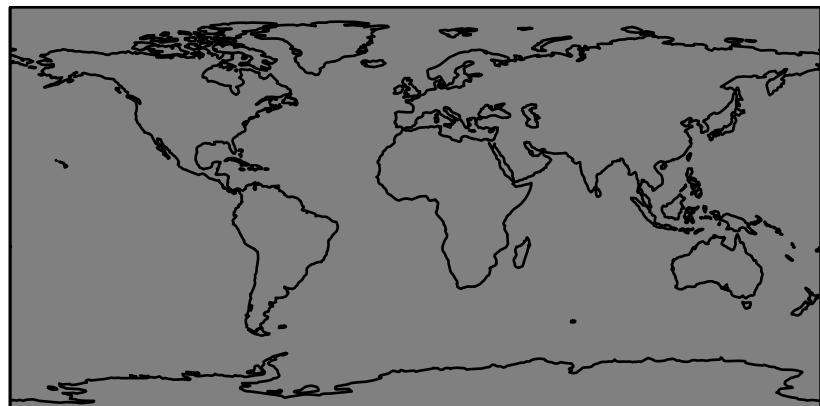
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

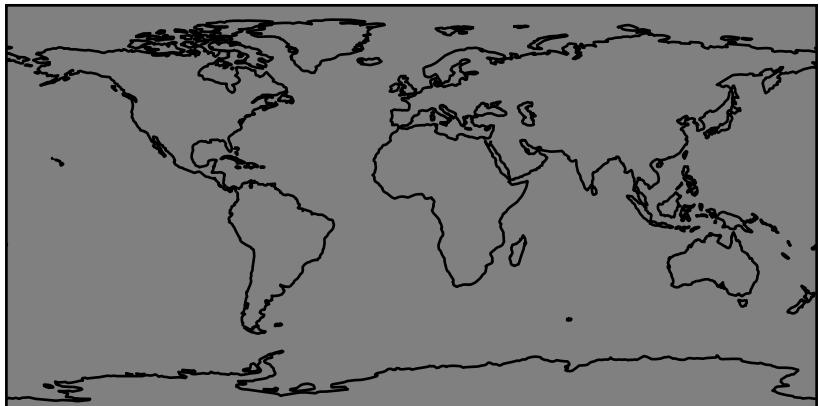


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



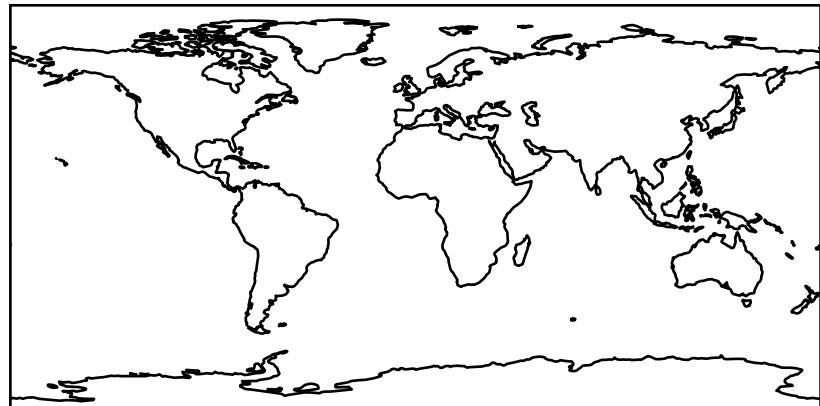
Jval_CHCL3

GC_12.8.0 (Ref)
4.0x5.0



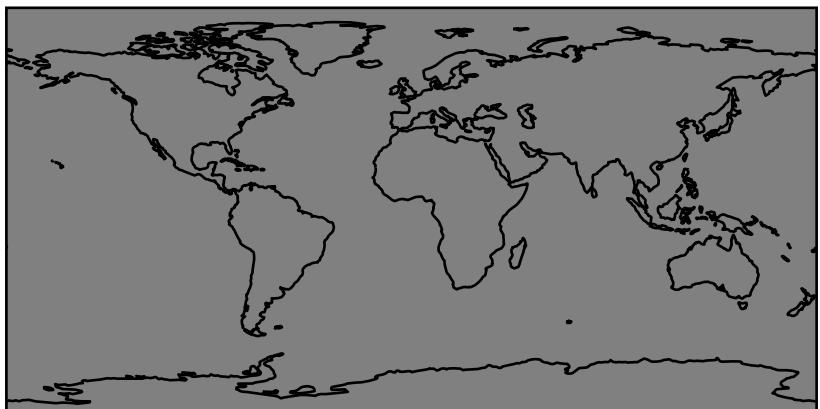
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s-1

GCHP_12.8.0 (Dev)
c48



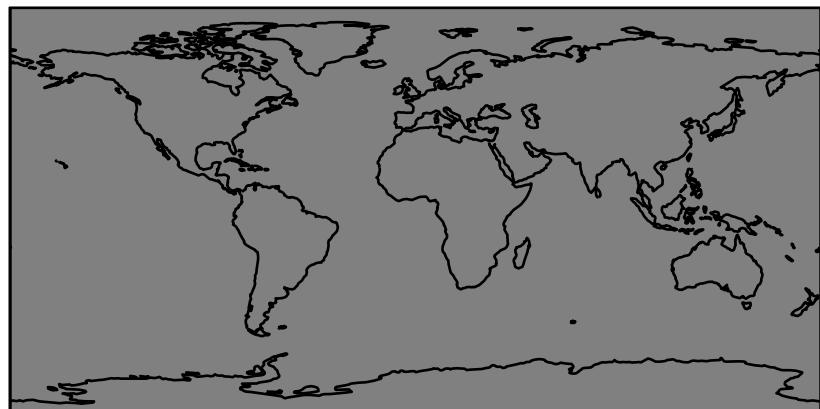
Zero throughout domain
s-1

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



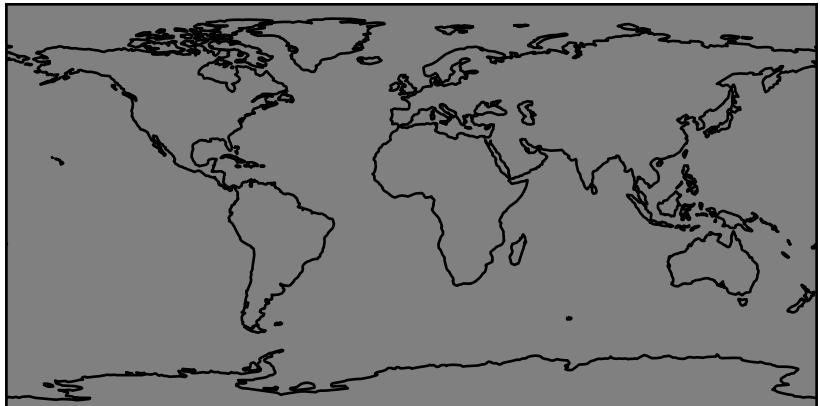
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s-1

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



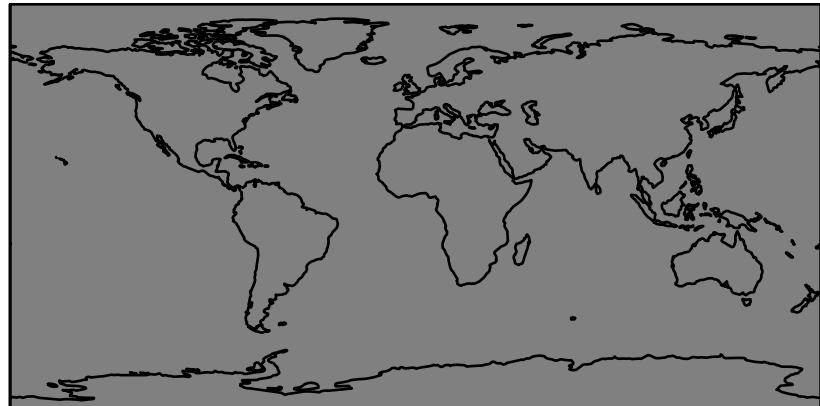
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s-1

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



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unitless

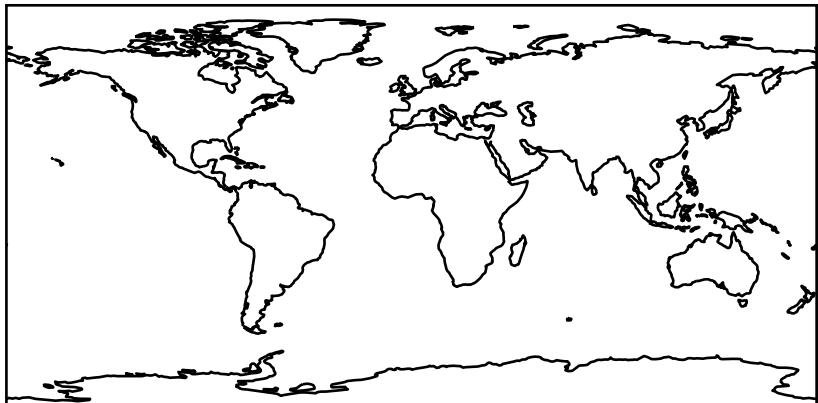
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



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unitless

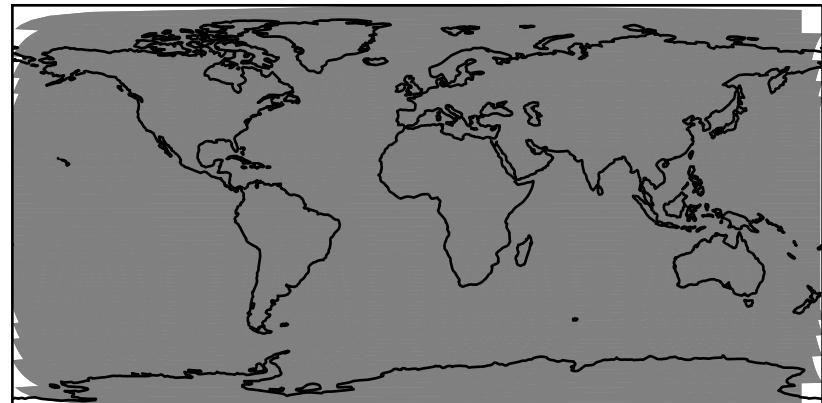
Jval_CHCl3

GC_12.8.0 (Ref)
4.0x5.0



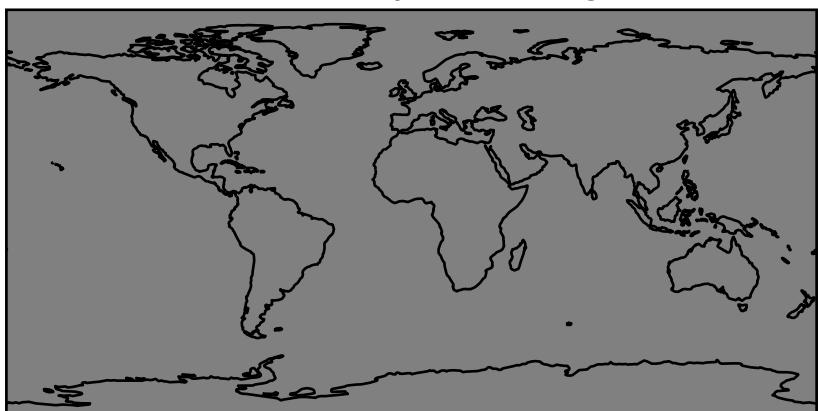
Zero throughout domain
s-1

GCHP_12.8.0 (Dev)
c48



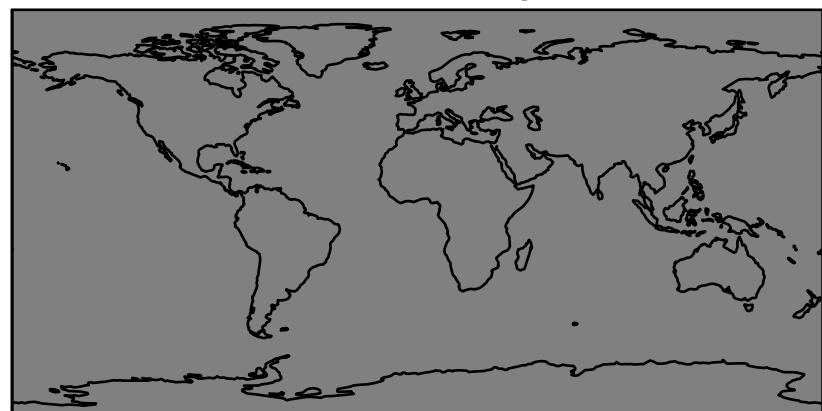
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s-1

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



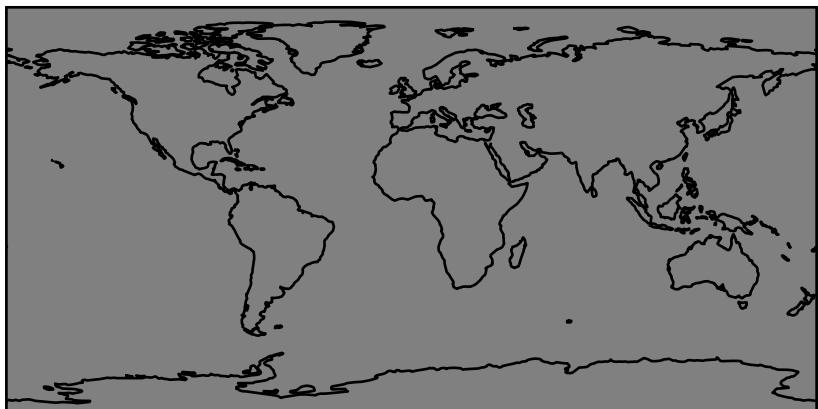
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s-1

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



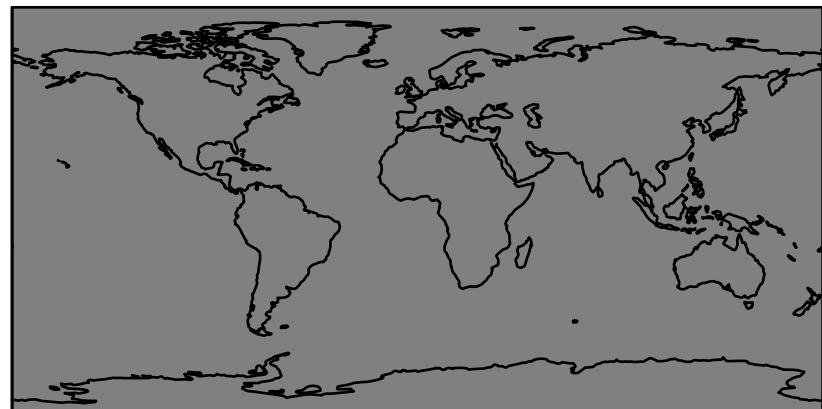
Undefined throughout domain
s-1

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



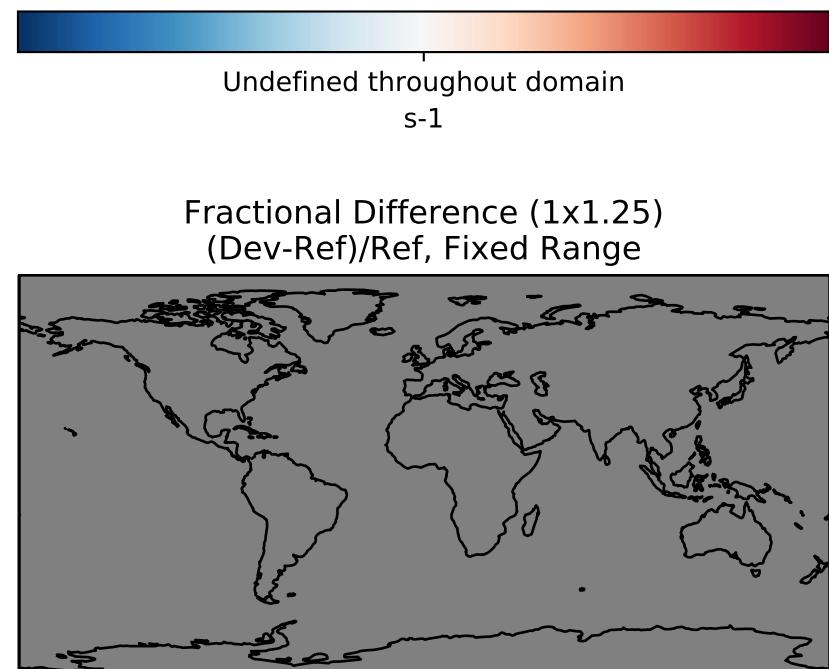
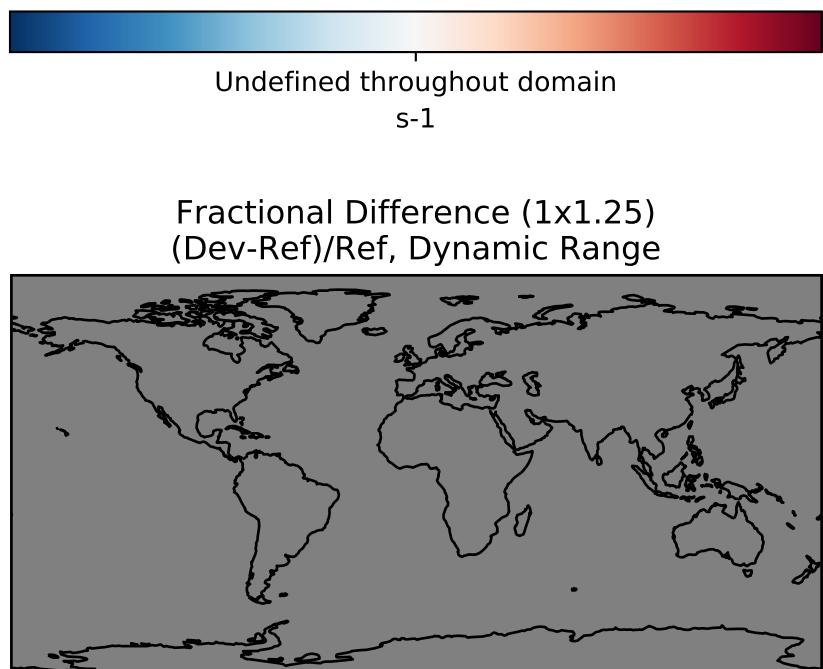
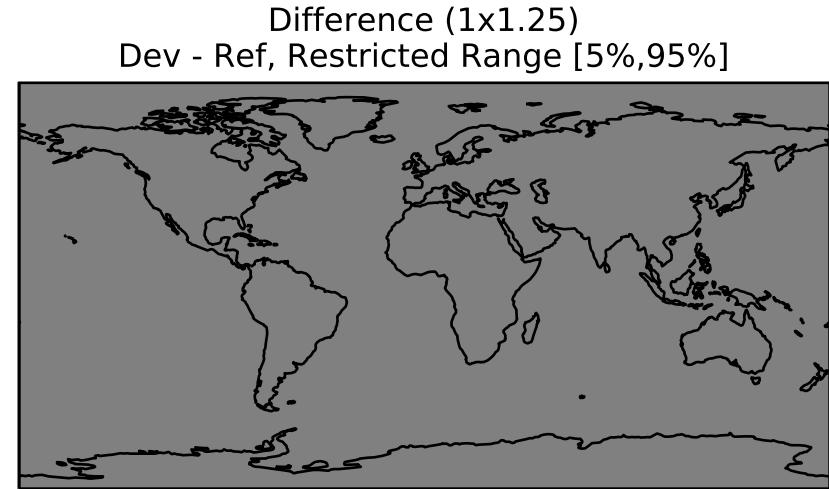
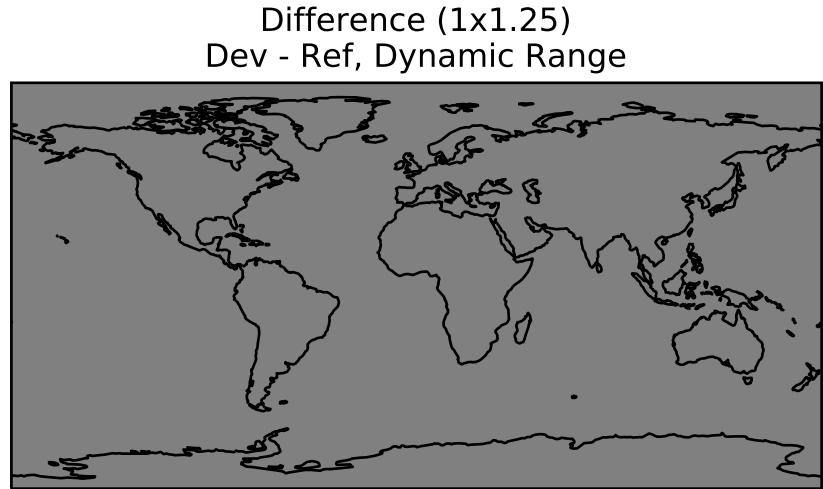
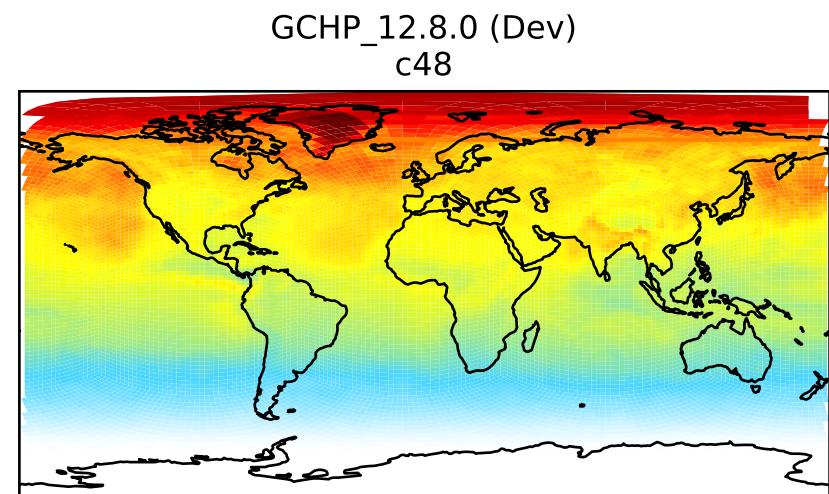
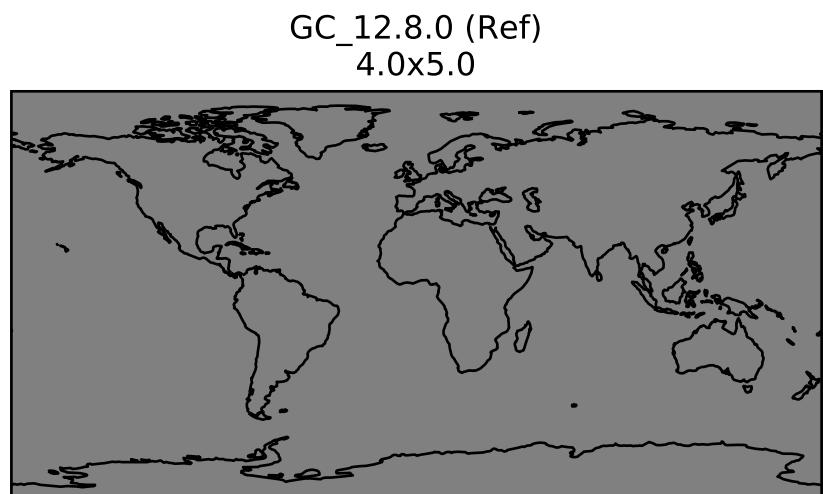
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Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

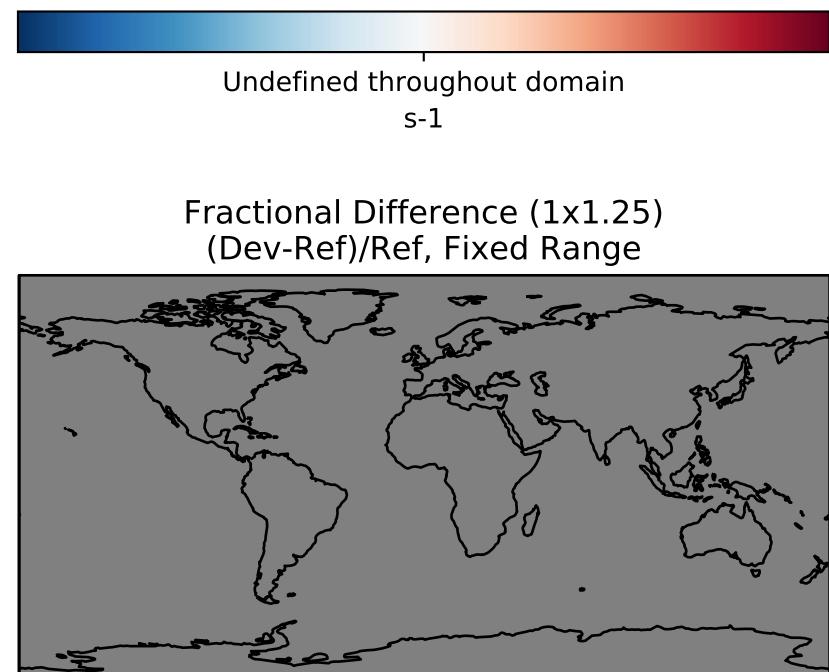
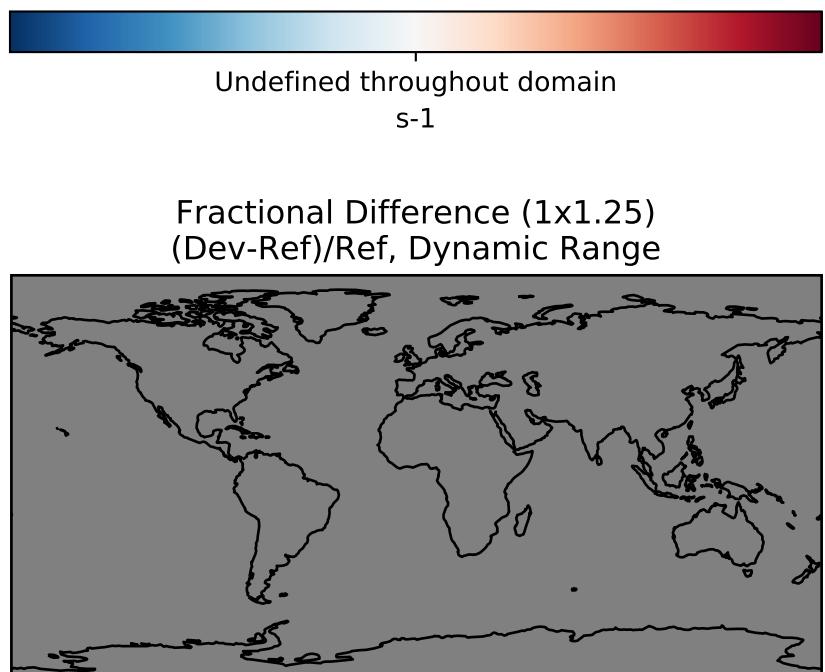
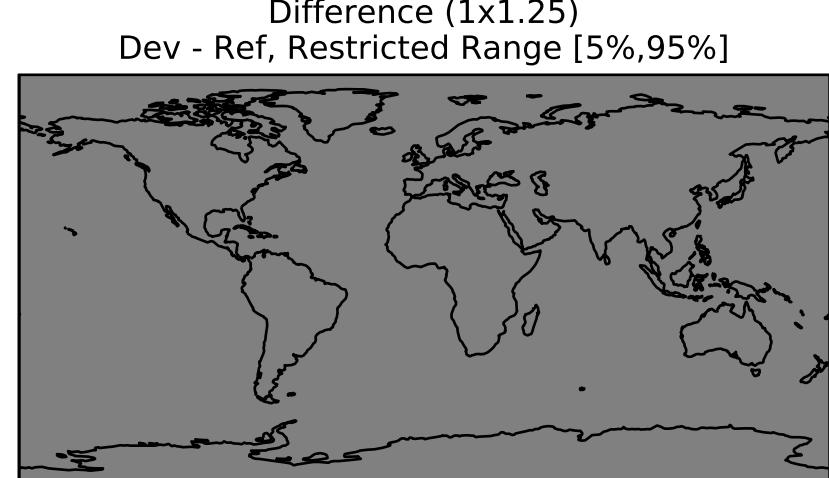
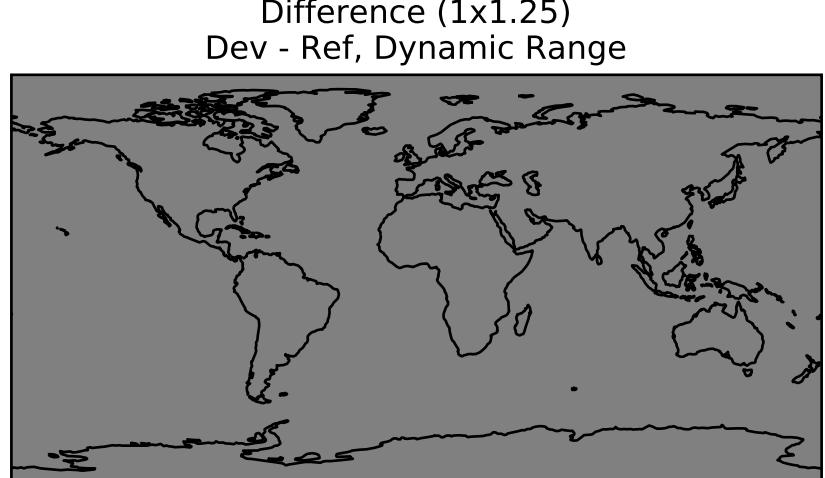
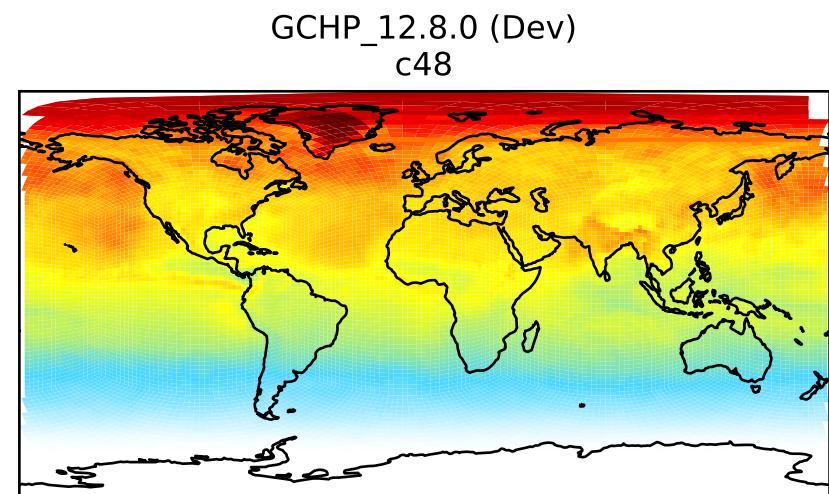
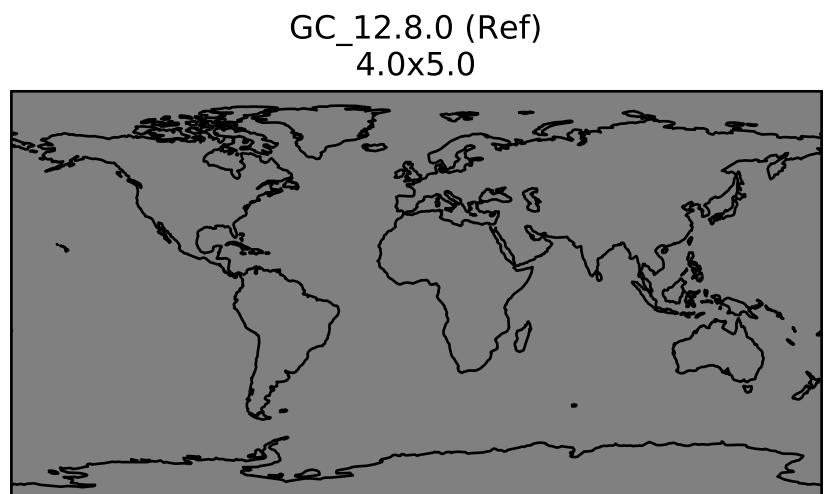


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unitless

Jval_CL2

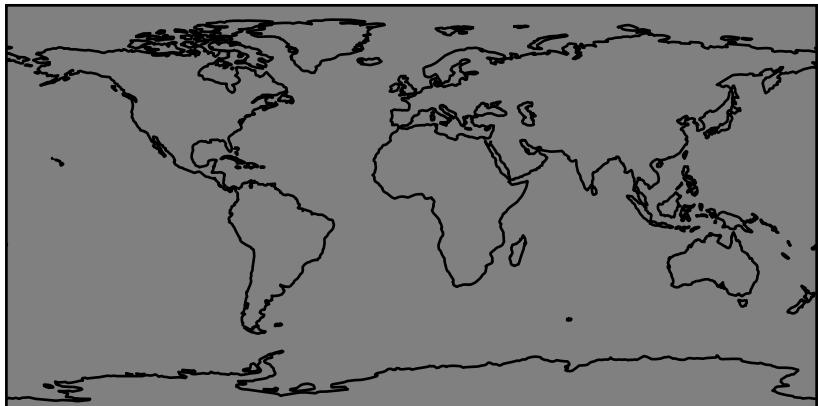


Jval_CL202



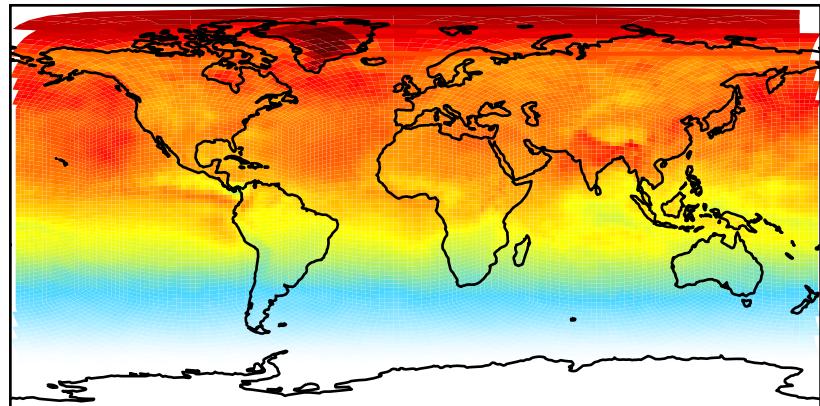
Jval_CLNO2

GC_12.8.0 (Ref)
4.0x5.0



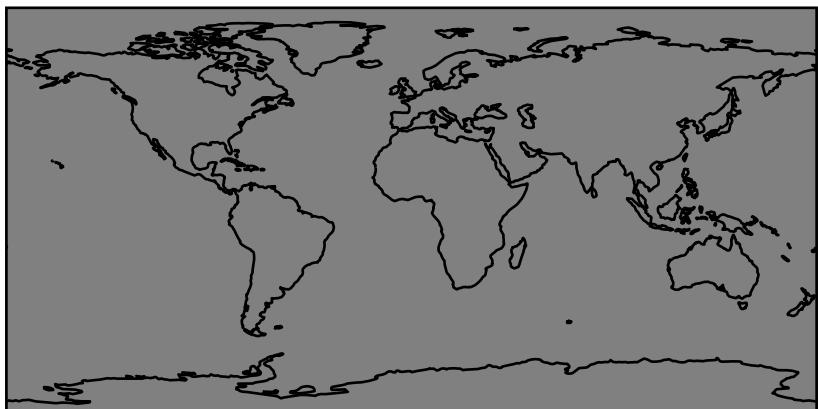
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s-1

GCHP_12.8.0 (Dev)
c48



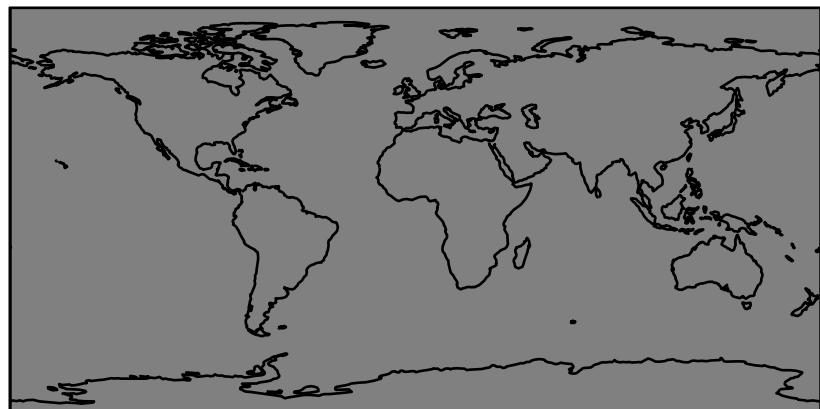
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s-1

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



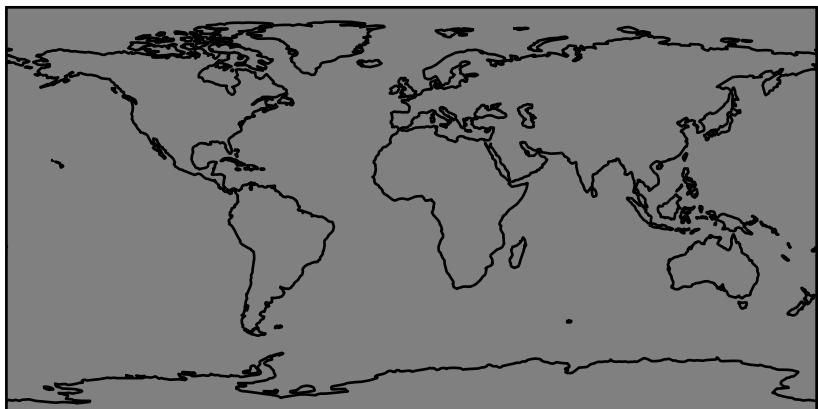
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s-1

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



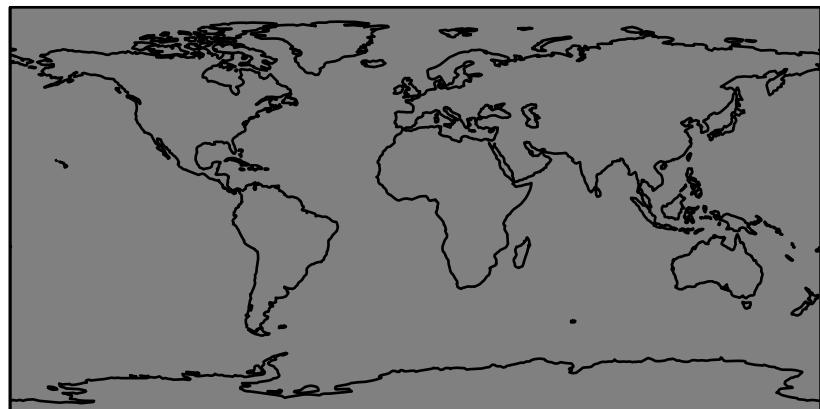
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s-1

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



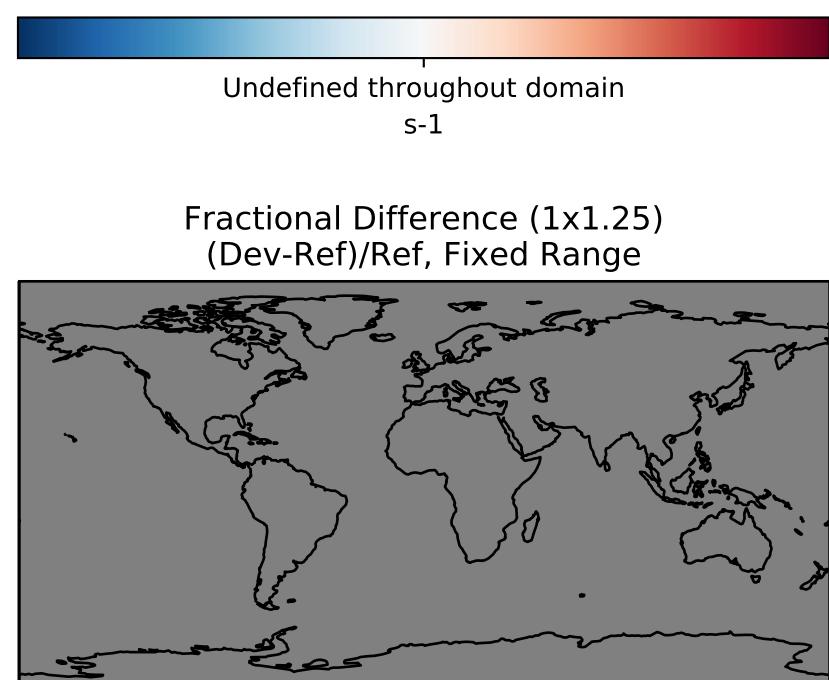
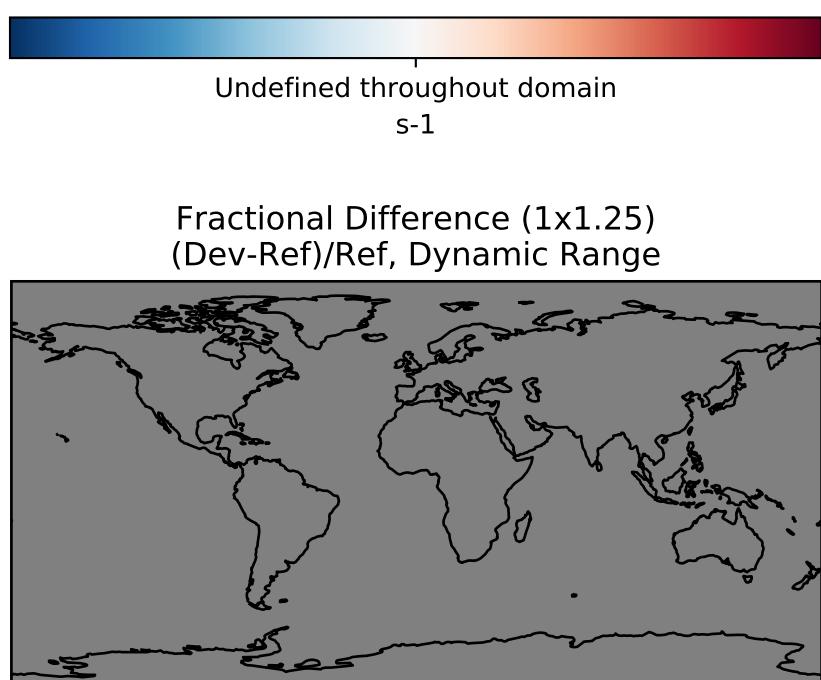
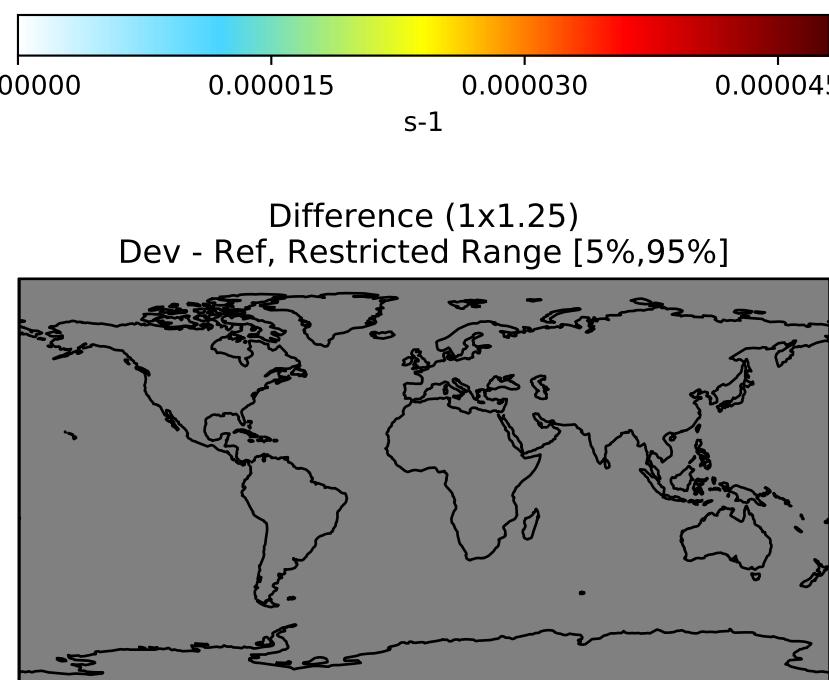
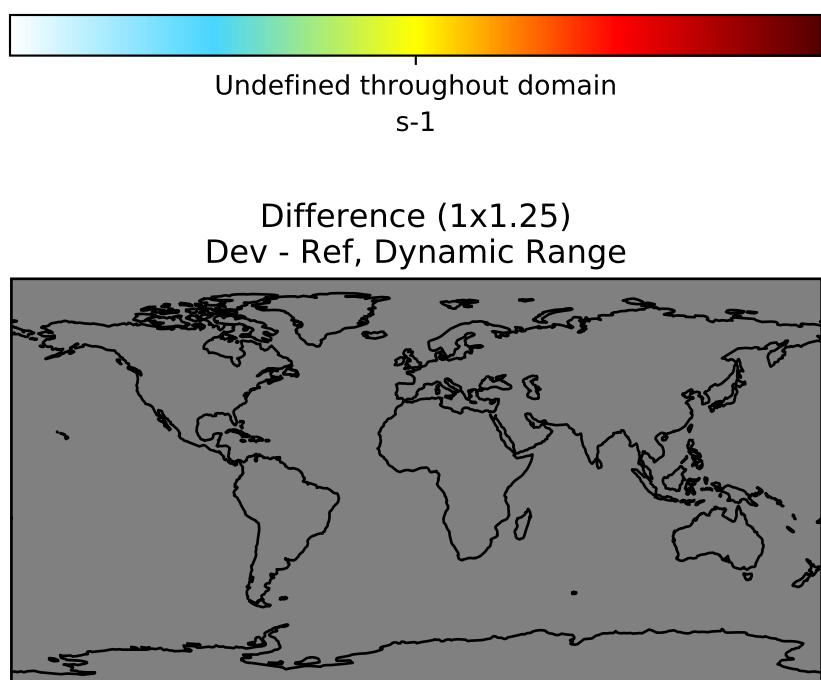
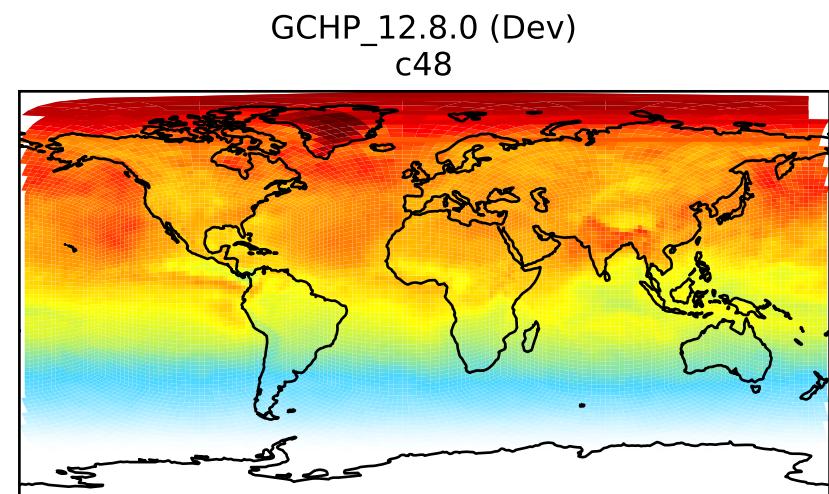
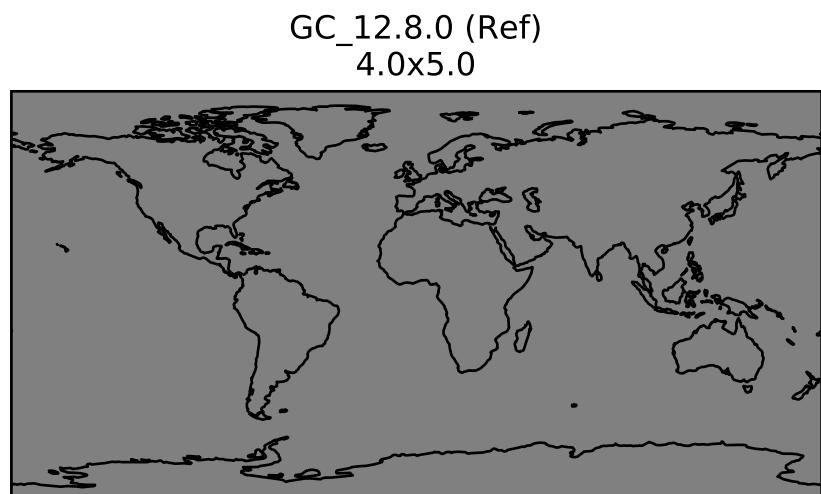
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Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

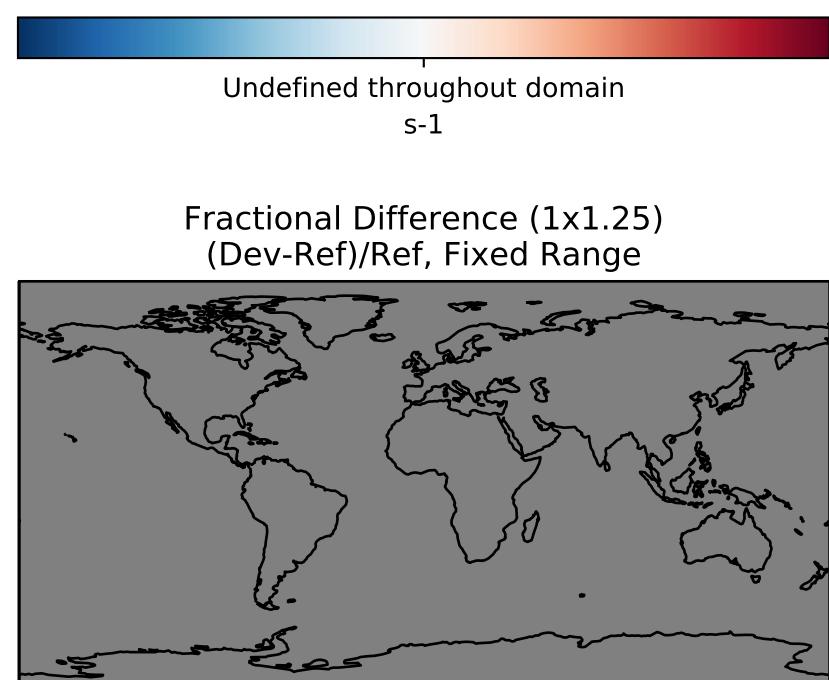
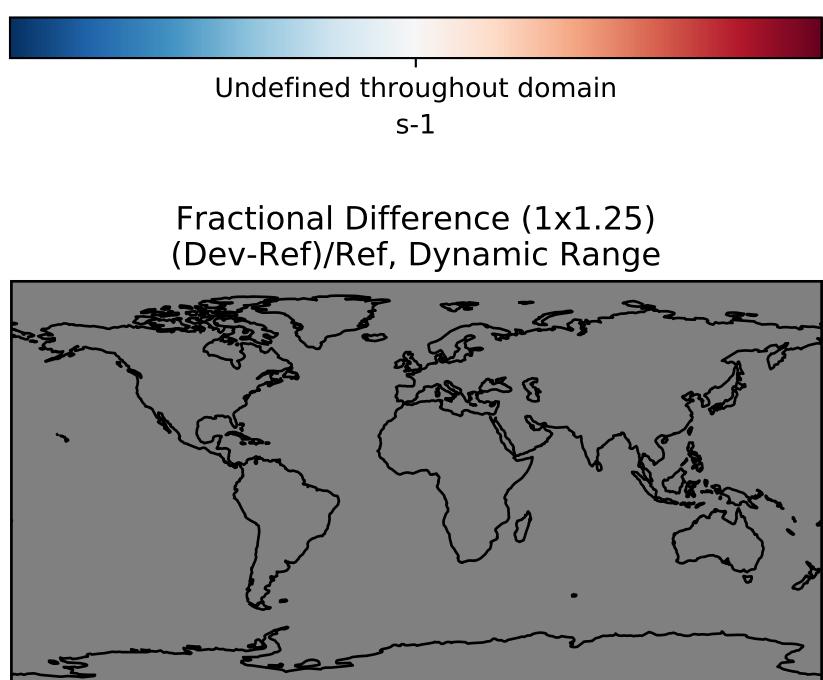
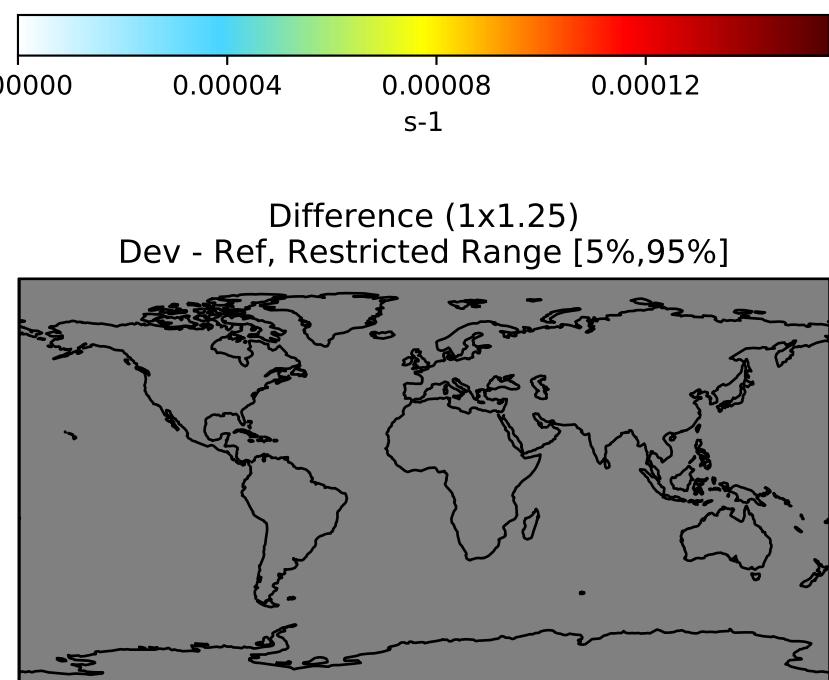
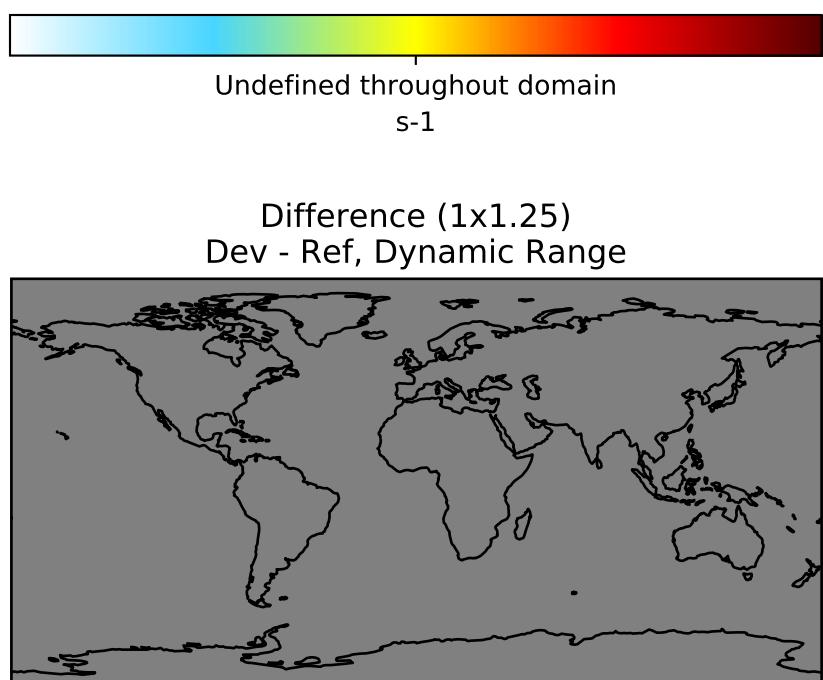
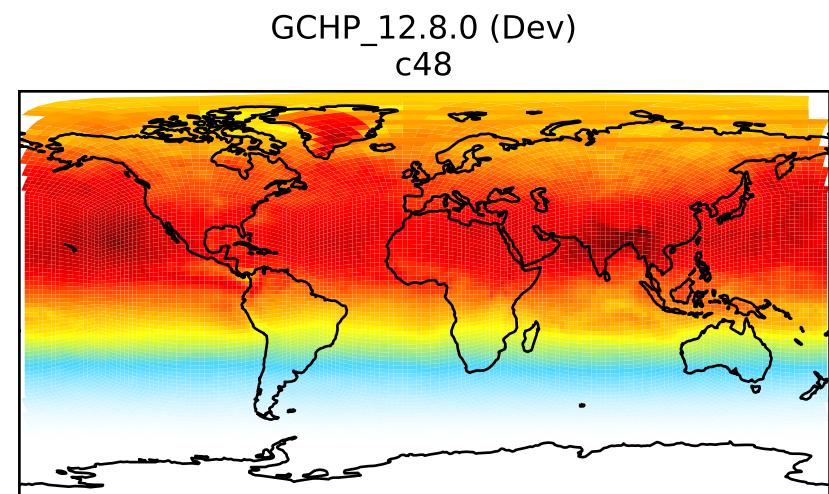
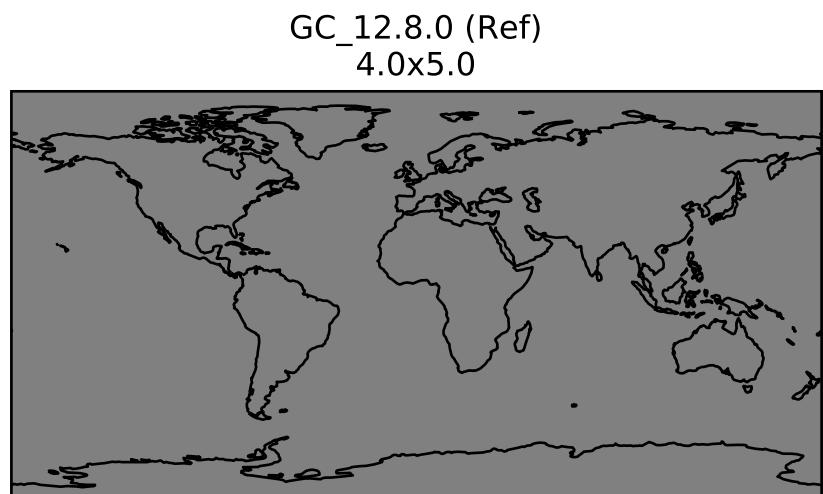


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Jval_CLNO3

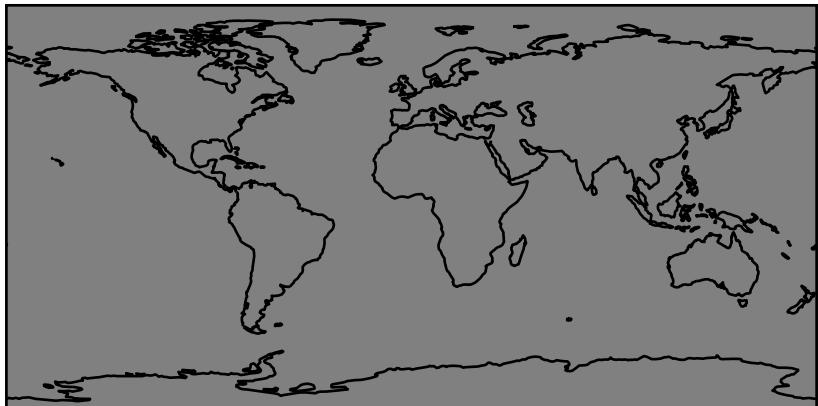


Jval_CLO

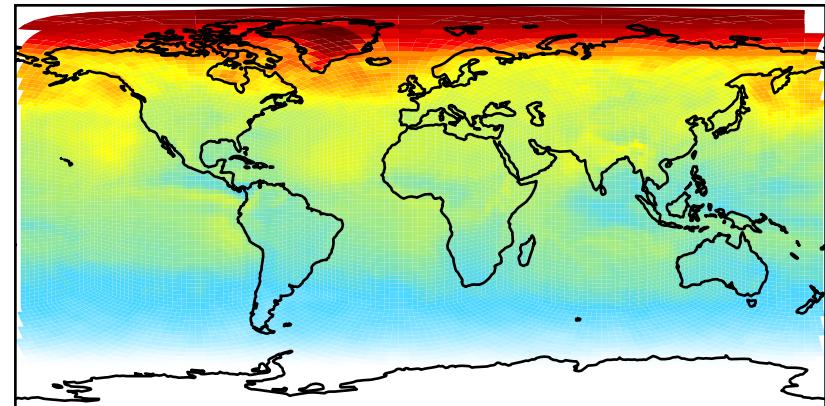


Jval_CLOO

GC_12.8.0 (Ref)
4.0x5.0



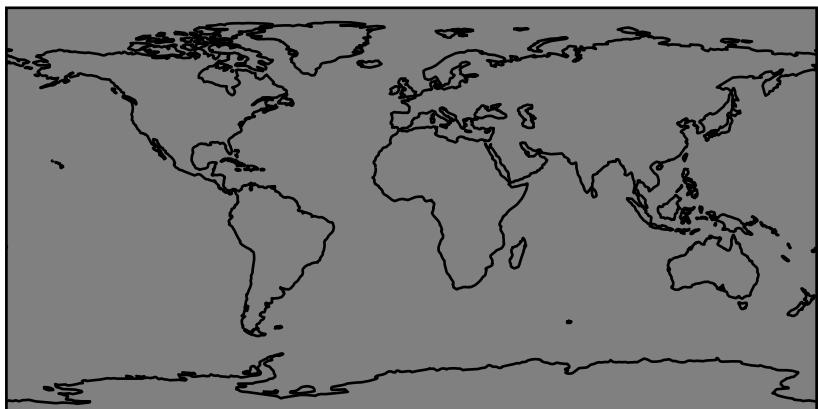
GCHP_12.8.0 (Dev)
c48



Undefined throughout domain
s-1

0.0 0.1 0.2 0.3 0.4 0.5 0.6 0.7
s-1

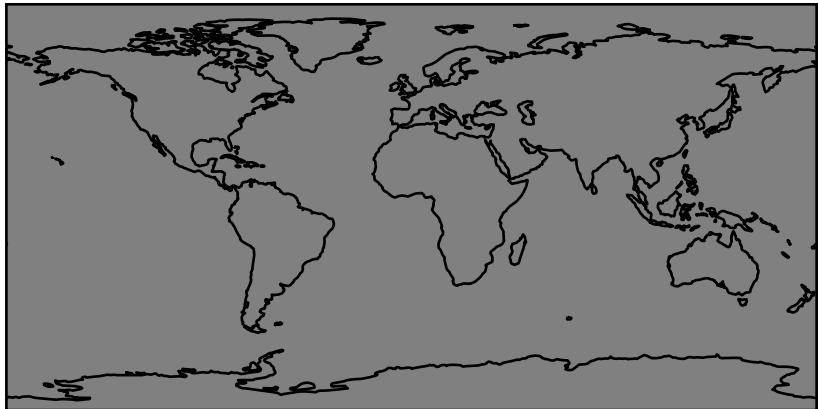
Difference (1x1.25)
Dev - Ref, Dynamic Range



Undefined throughout domain
s-1

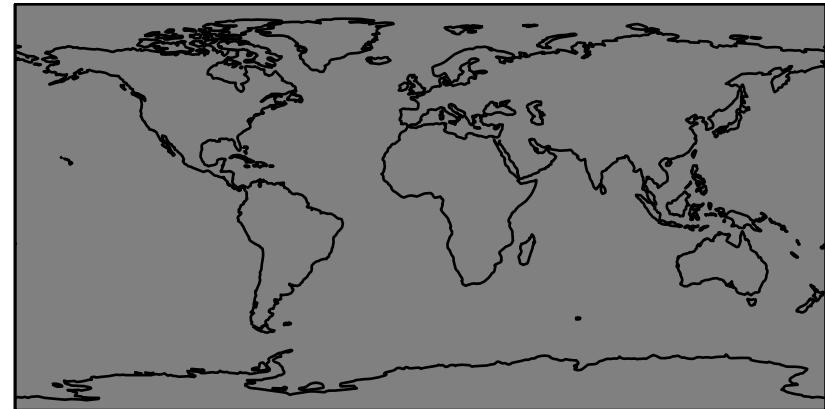
Undefined throughout domain
s-1

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



Undefined throughout domain
unitless

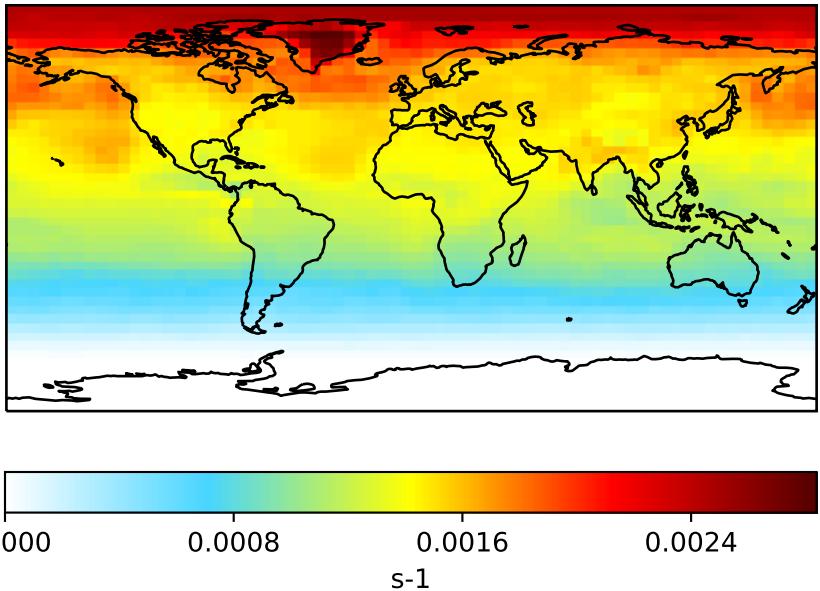
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



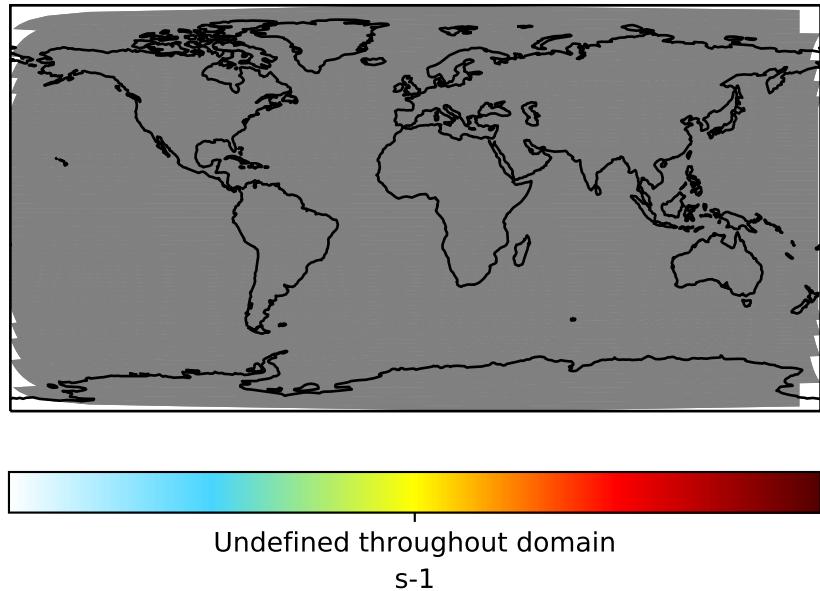
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Jval_CI2

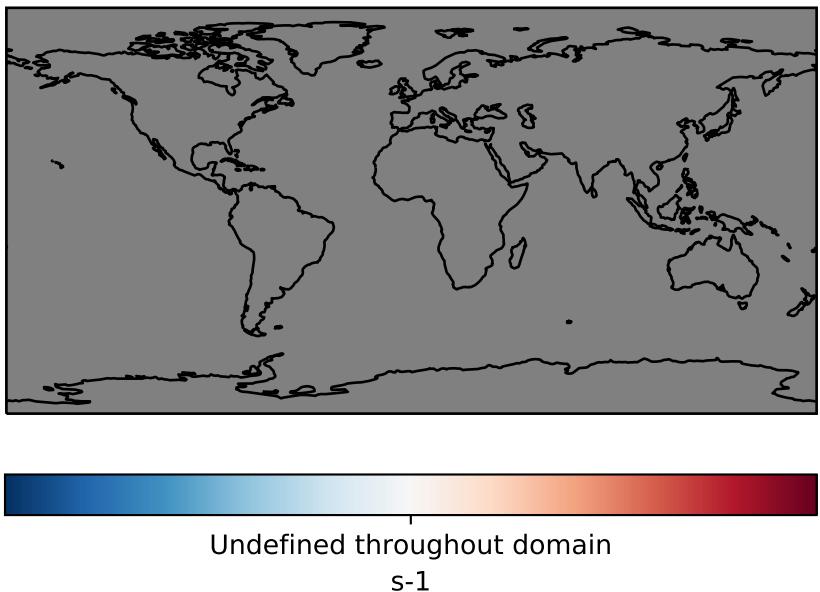
GC_12.8.0 (Ref)
4.0x5.0



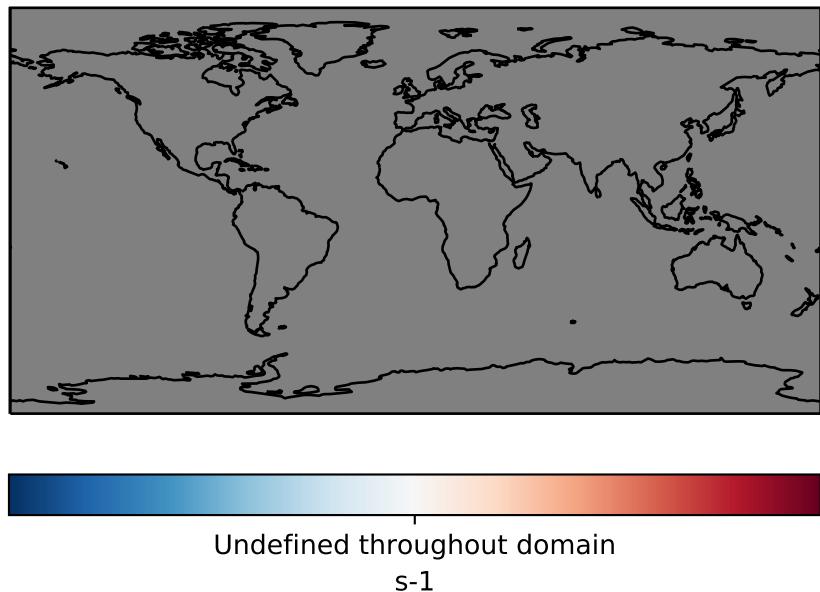
GCHP_12.8.0 (Dev)
c48



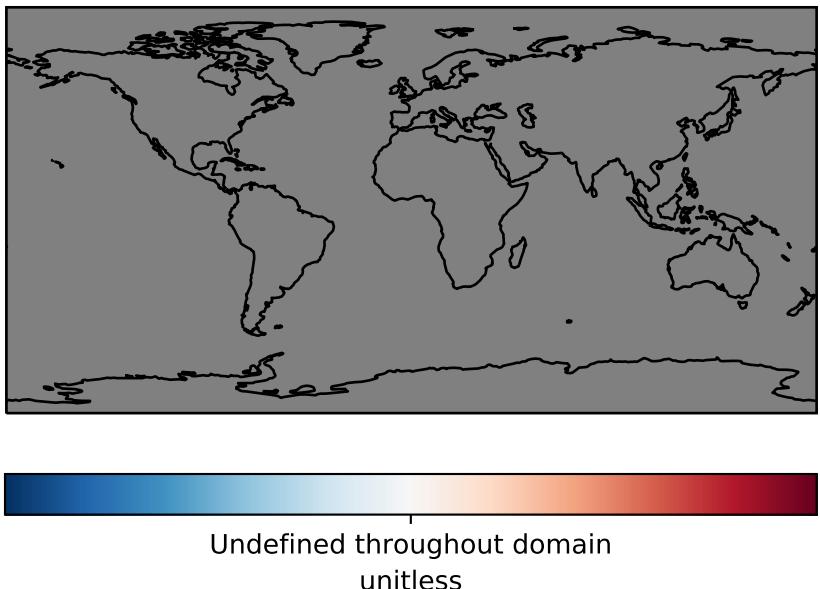
Difference (1x1.25)
Dev - Ref, Dynamic Range



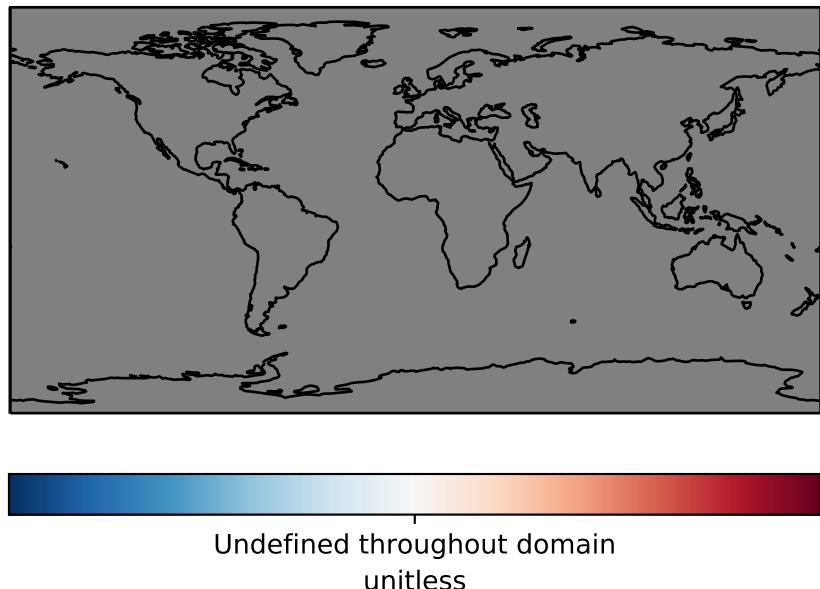
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

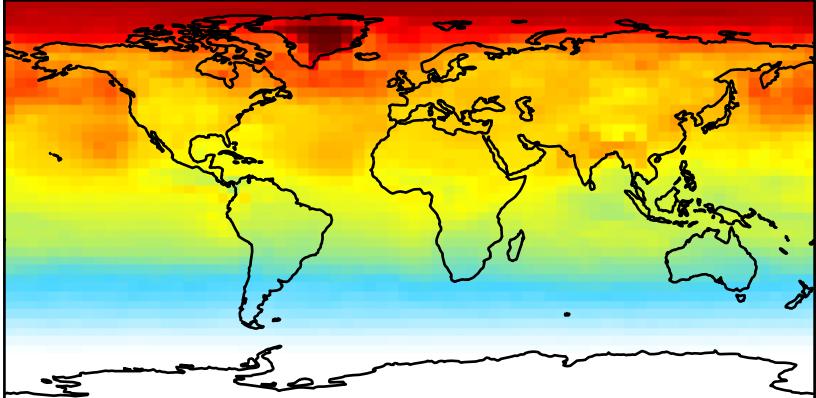


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



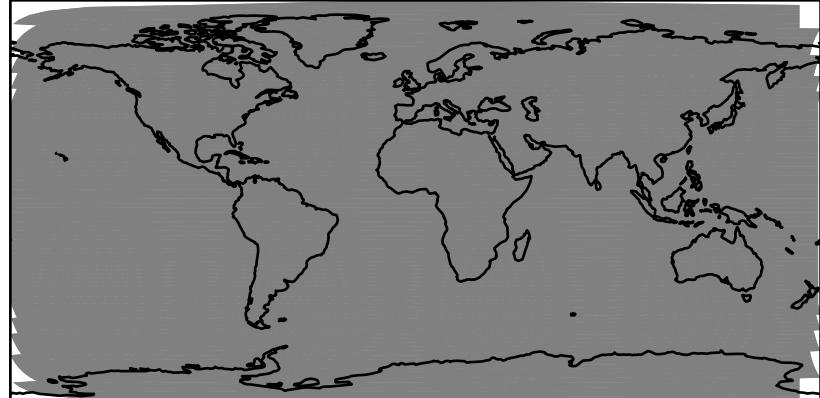
Jval_CI202

GC_12.8.0 (Ref)
4.0x5.0



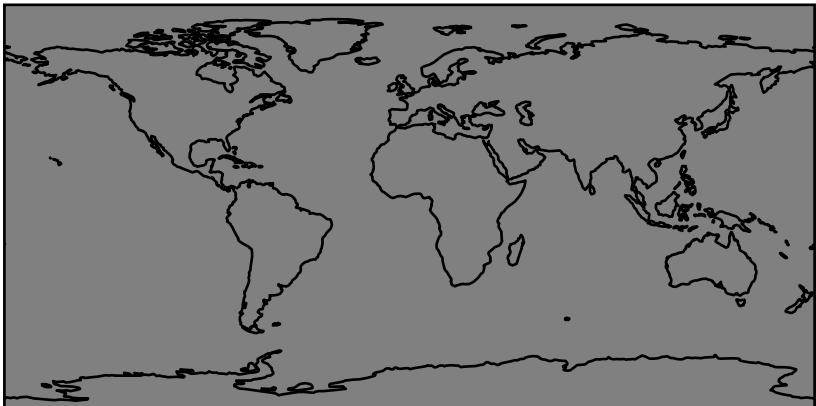
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 s^{-1}

GCHP_12.8.0 (Dev)
c48



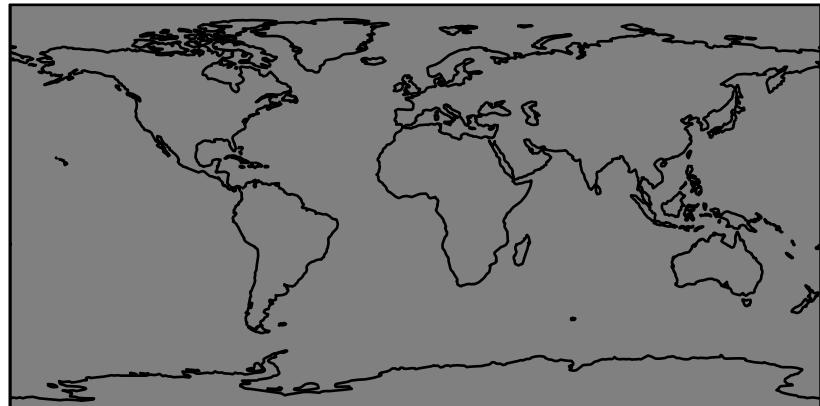
Undefined throughout domain
 s^{-1}

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



Undefined throughout domain
 s^{-1}

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



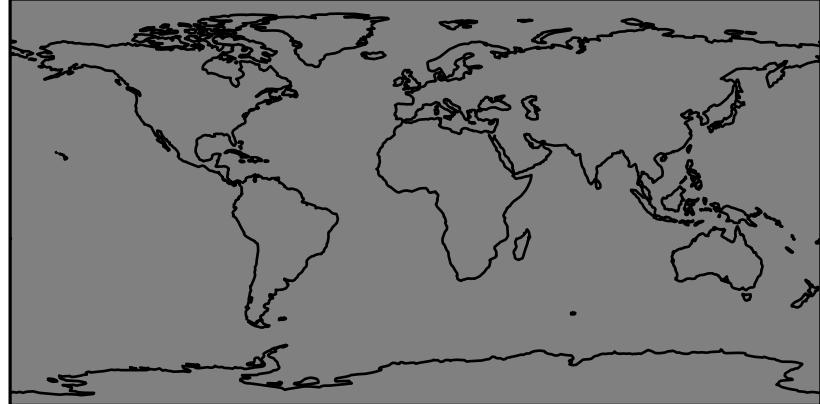
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Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Undefined throughout domain
unitless

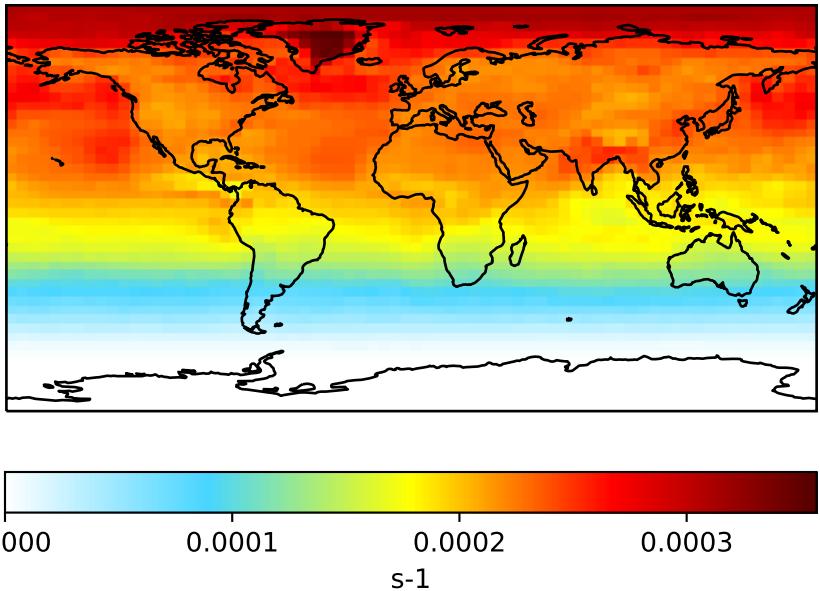
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



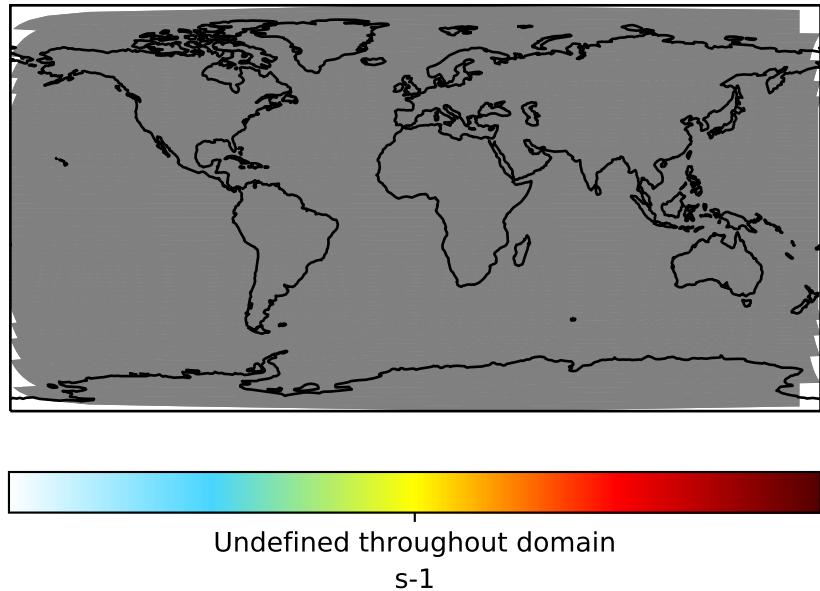
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Jval_ClNO2

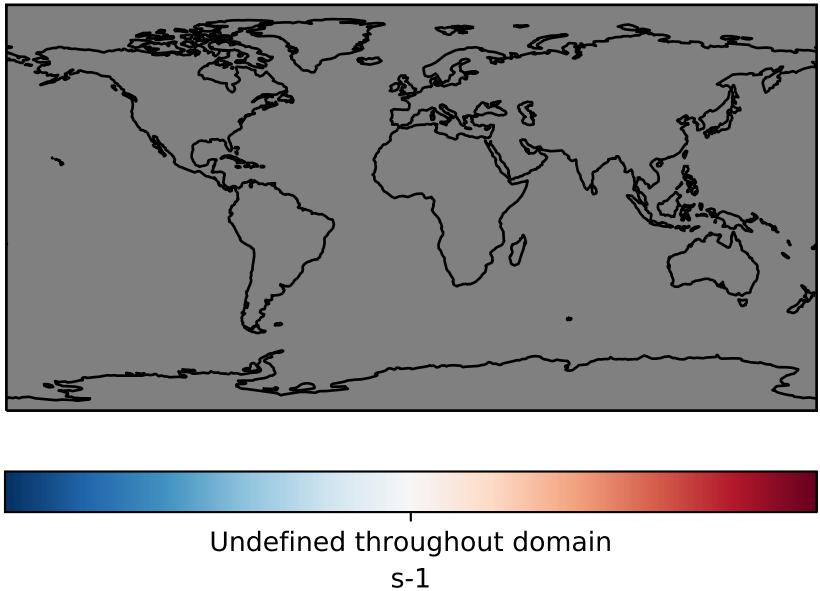
GC_12.8.0 (Ref)
4.0x5.0



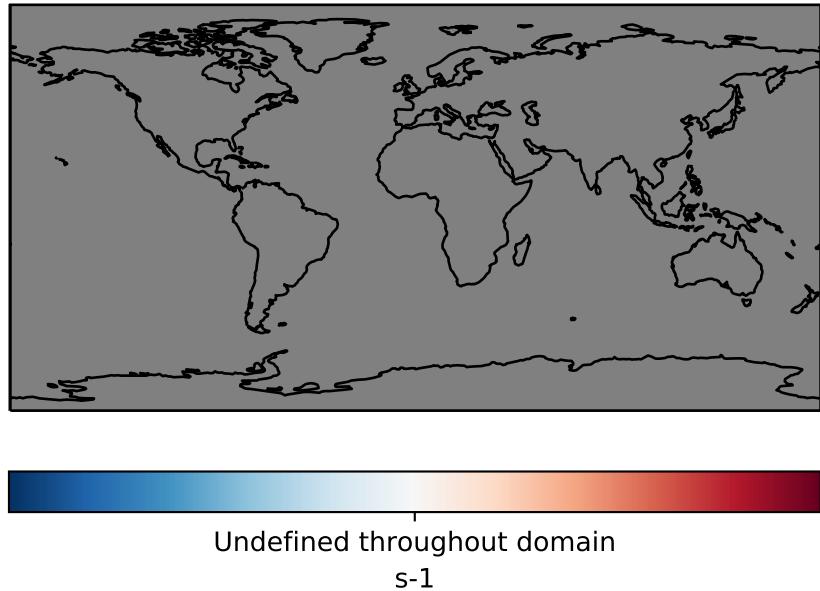
GCHP_12.8.0 (Dev)
c48



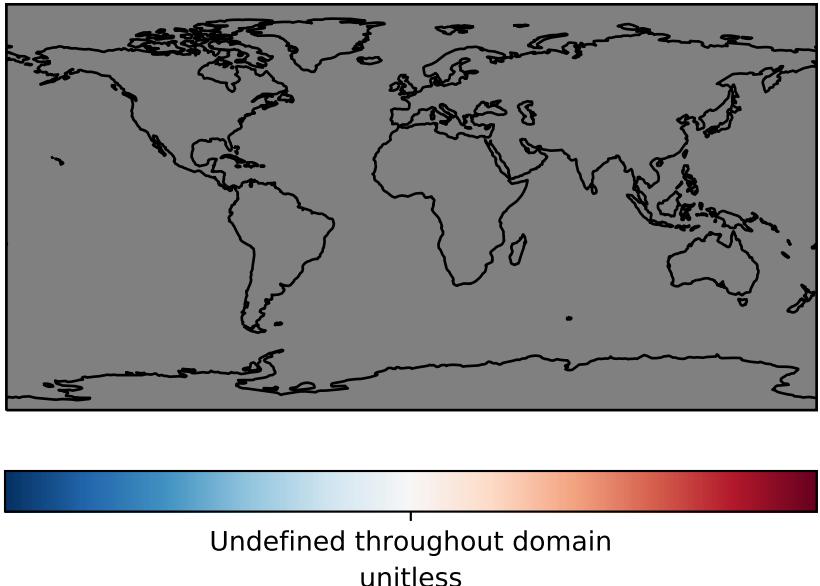
Difference (1x1.25)
Dev - Ref, Dynamic Range



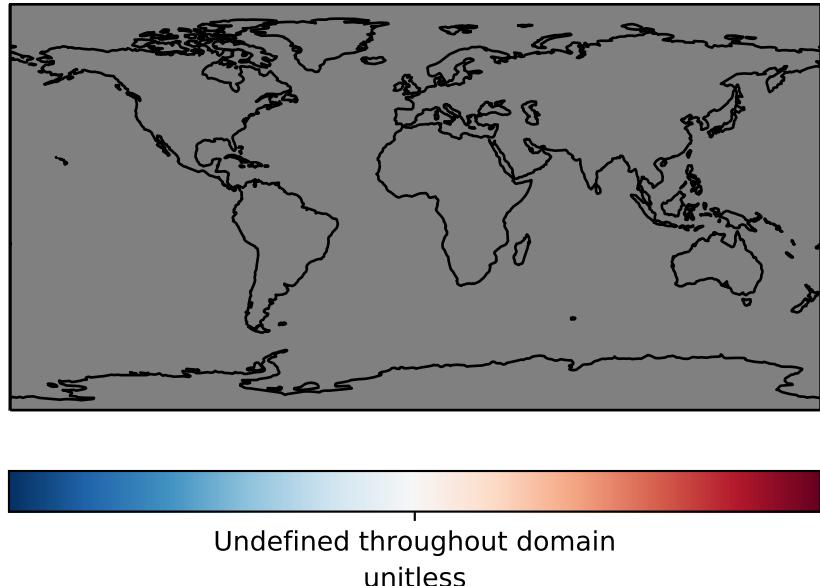
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



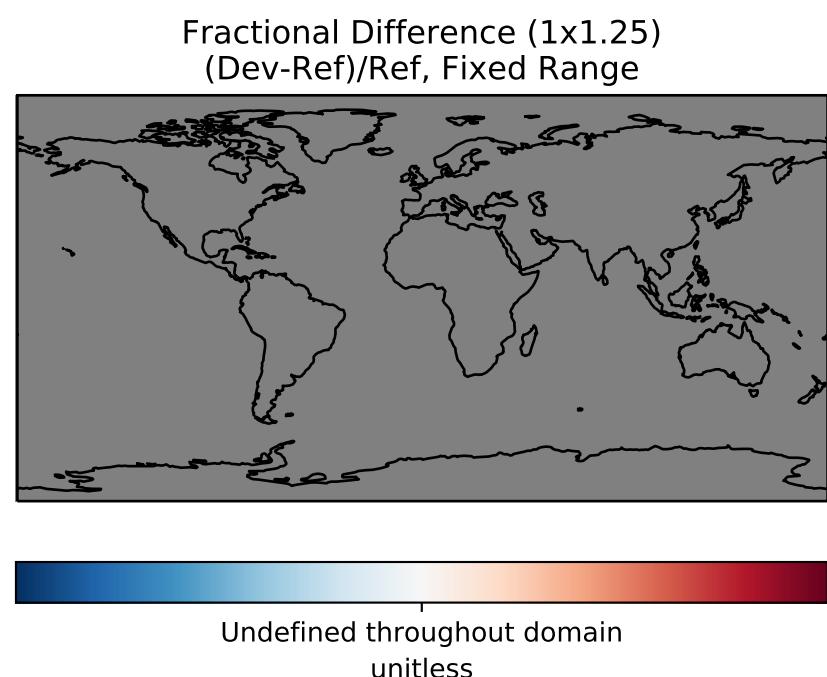
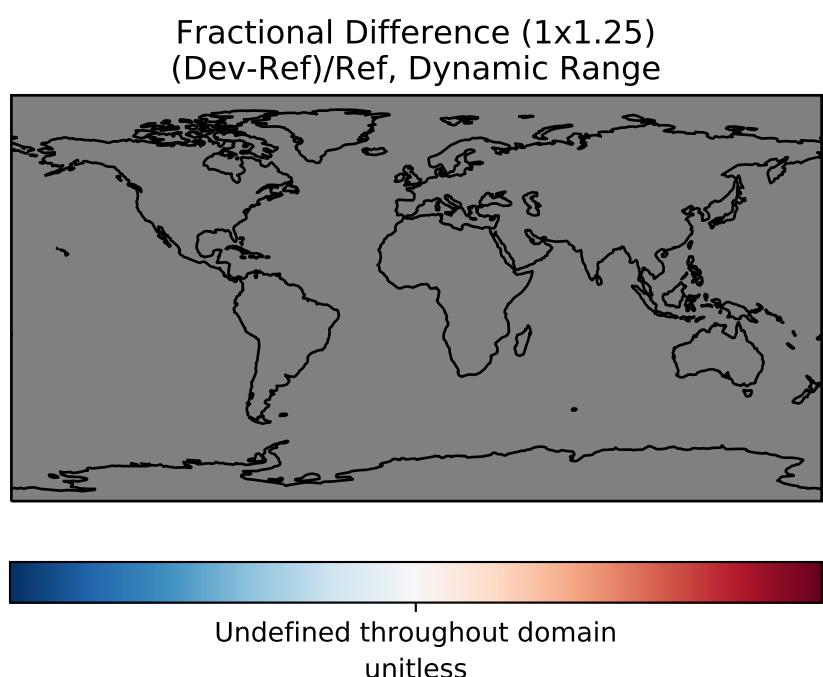
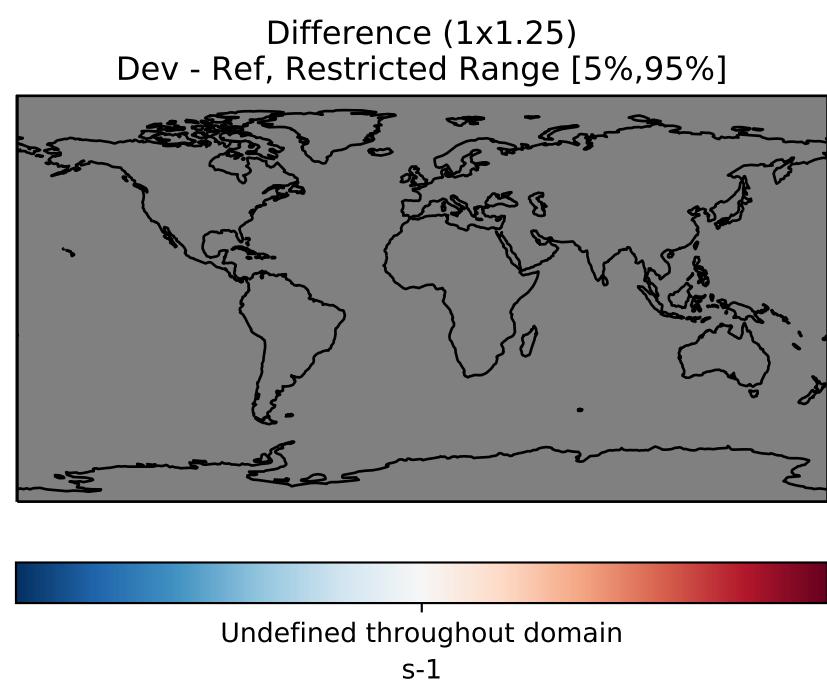
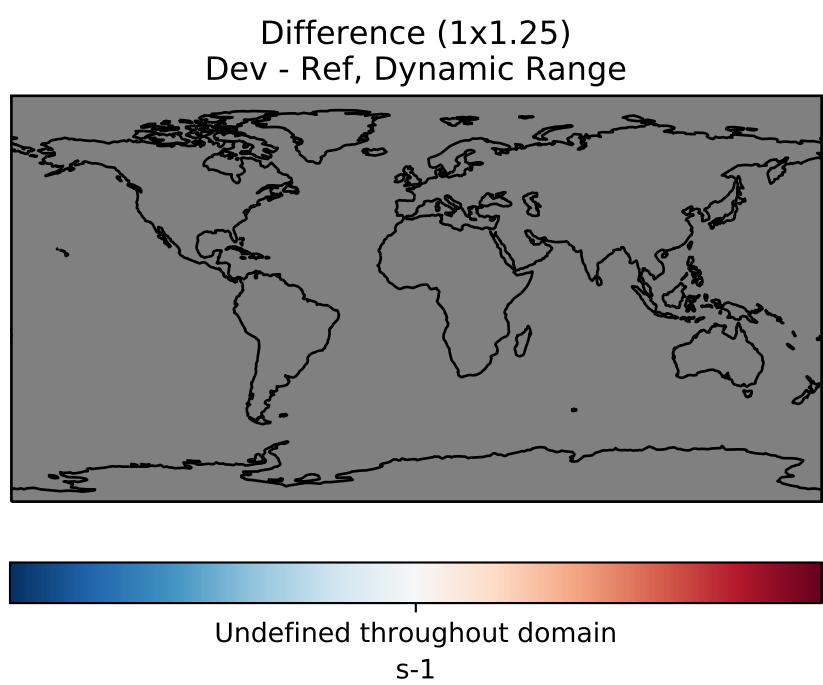
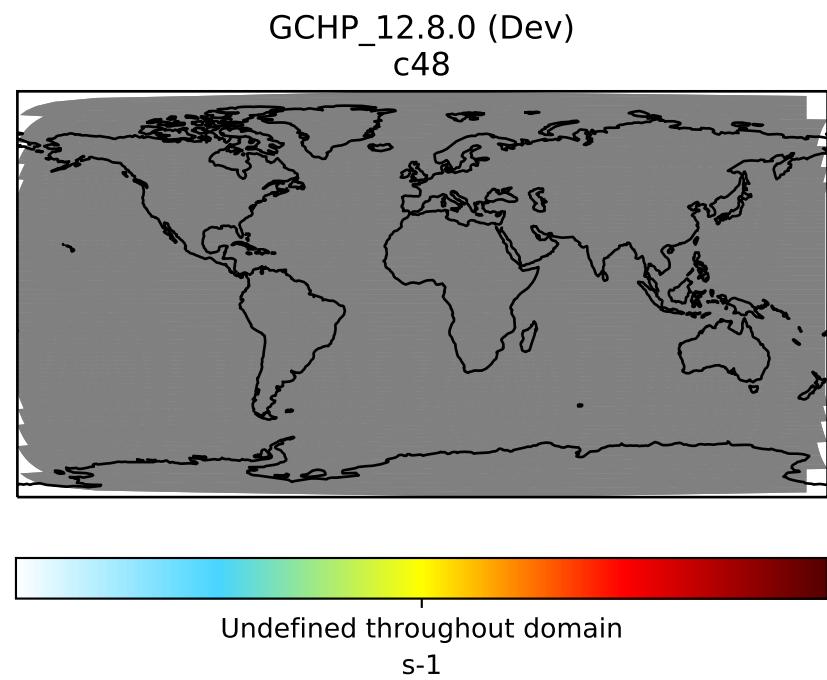
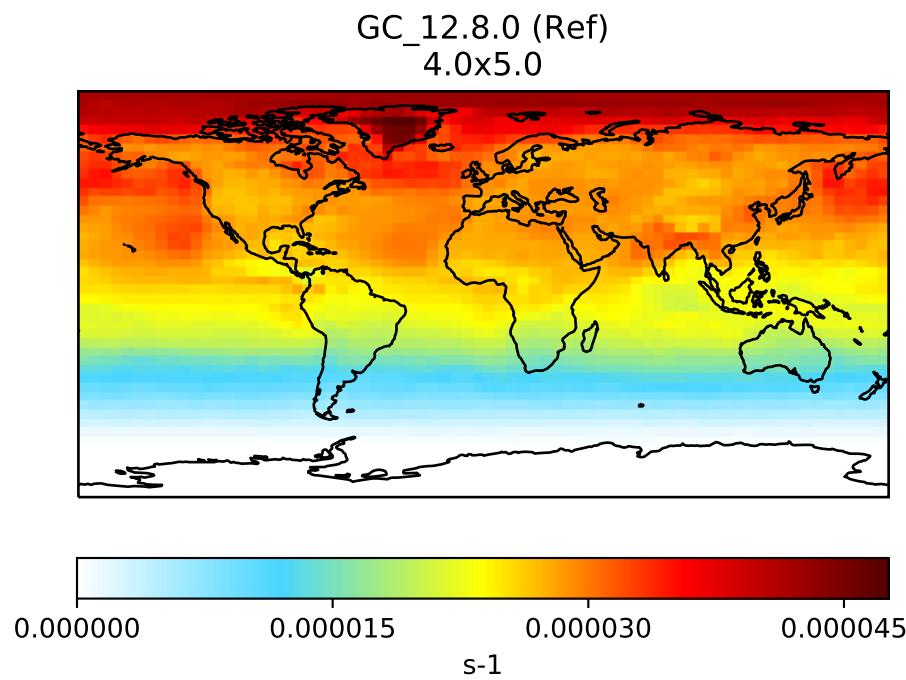
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



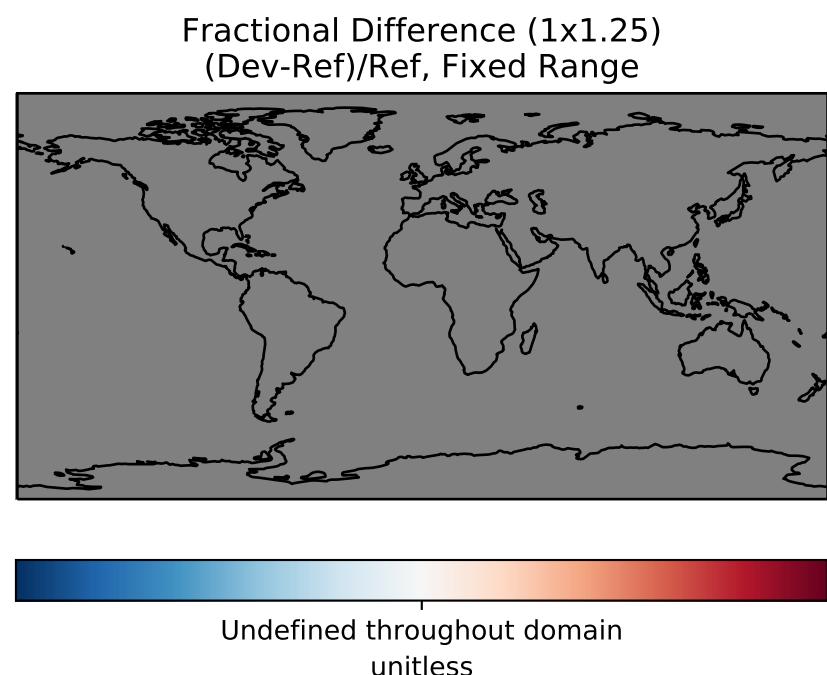
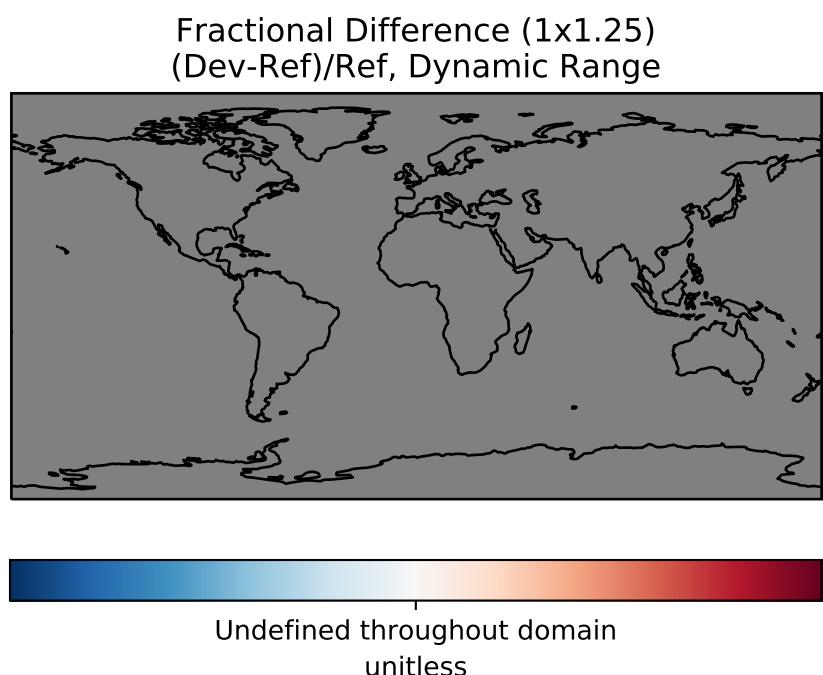
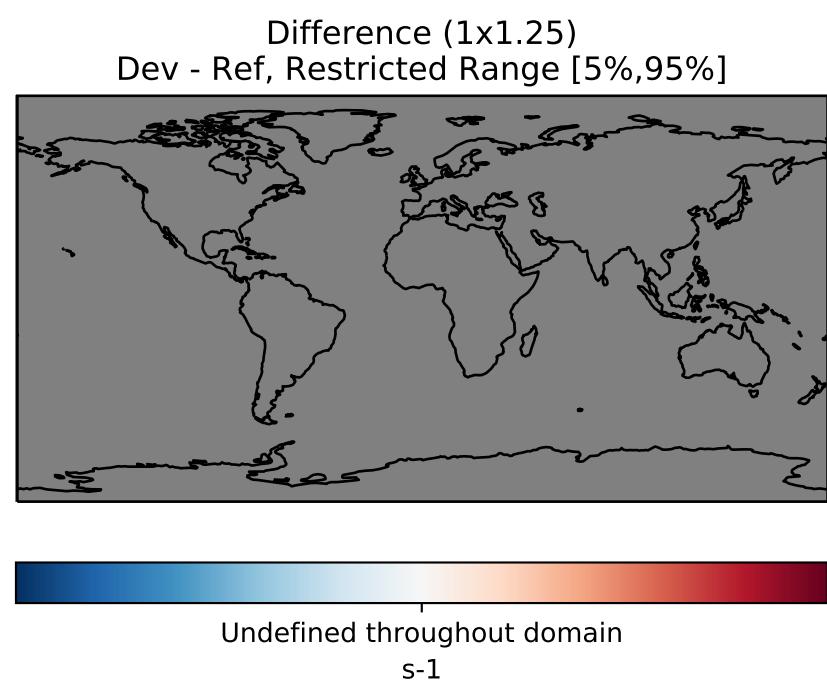
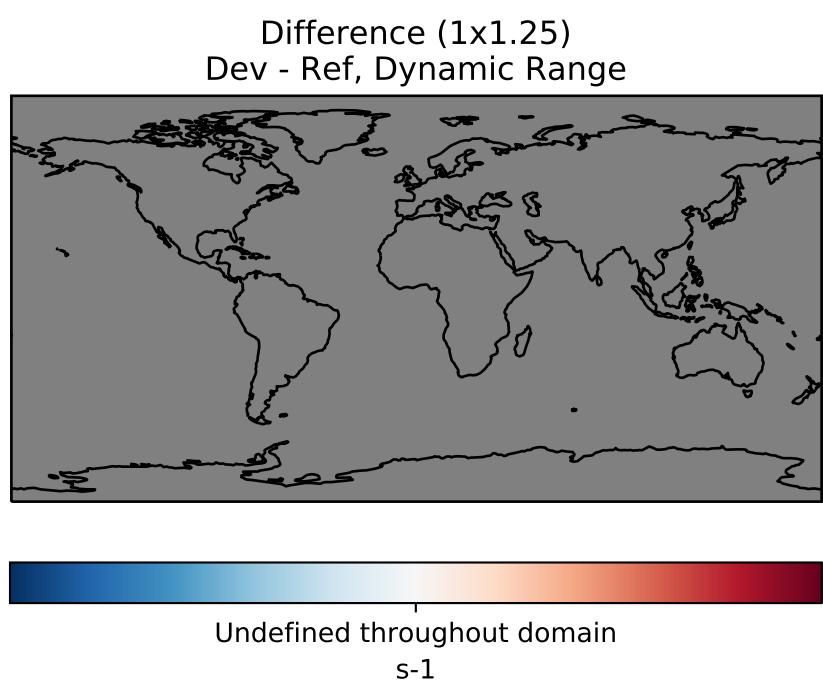
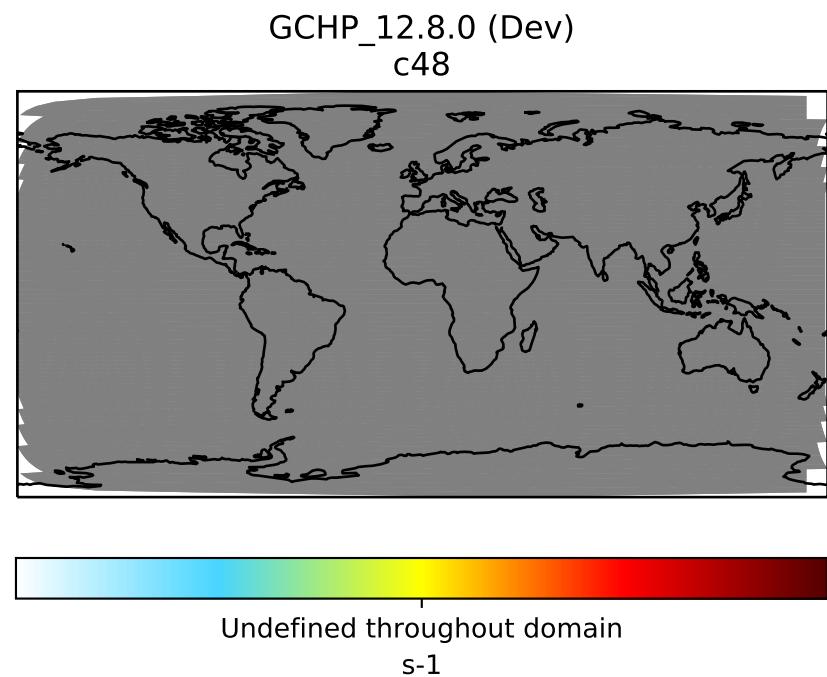
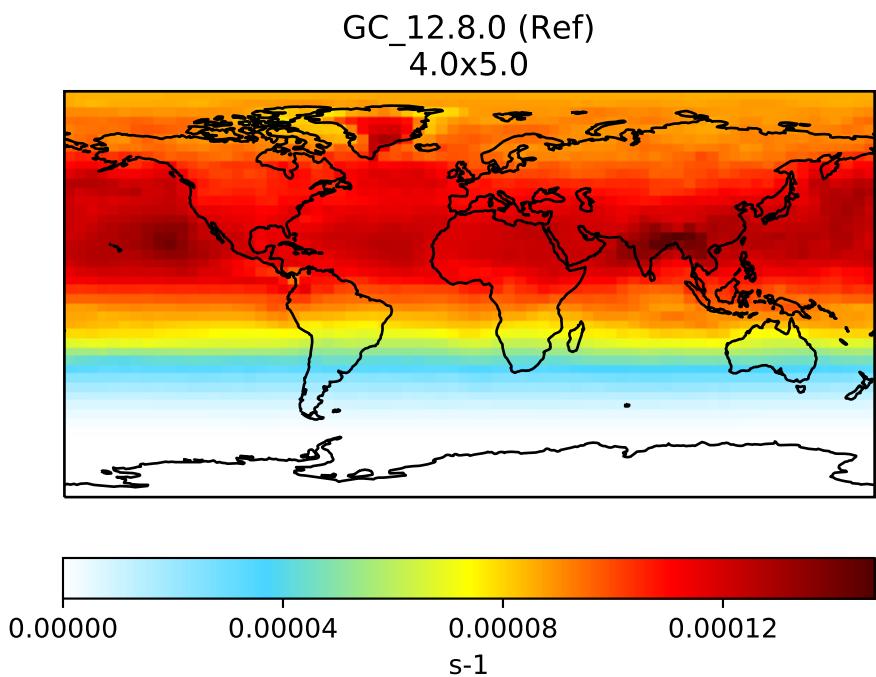
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



Jval_ClNO3

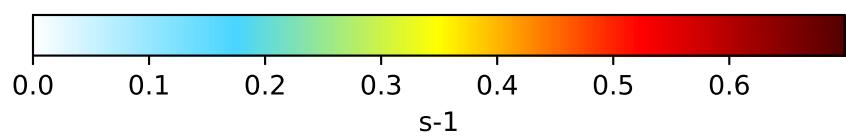
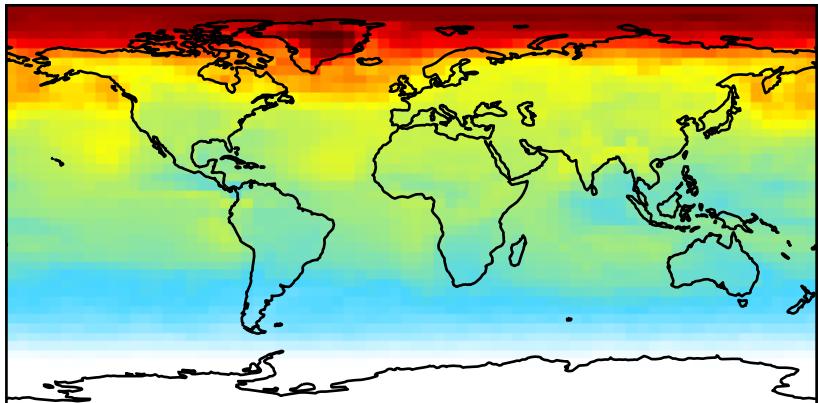


Jval_CIO

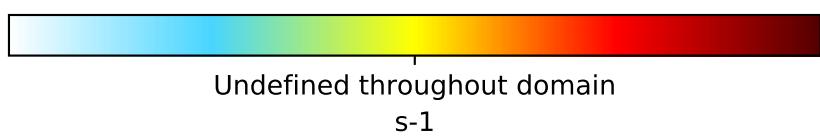
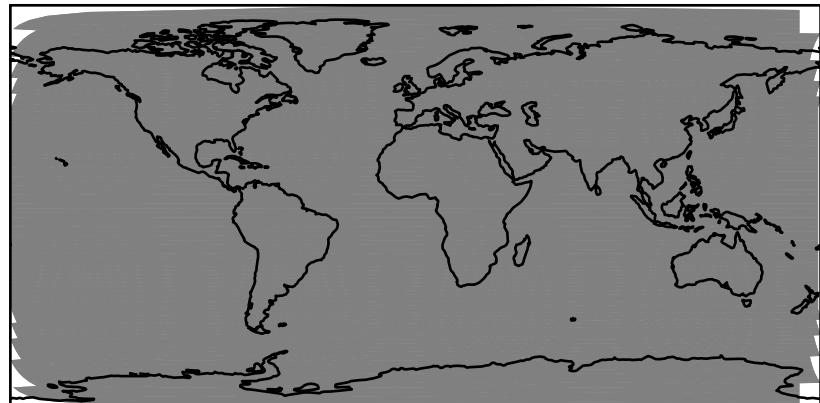


Jval_CIOO

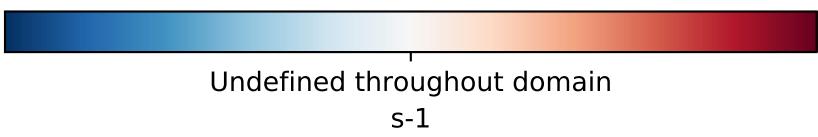
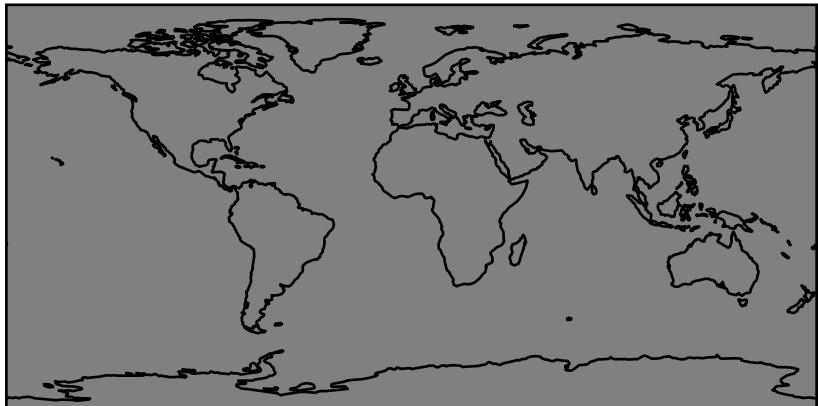
GC_12.8.0 (Ref)
4.0x5.0



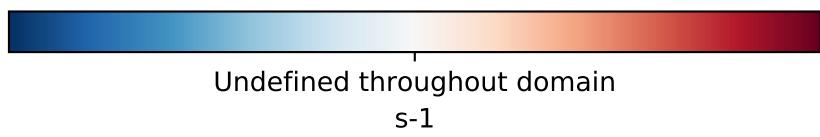
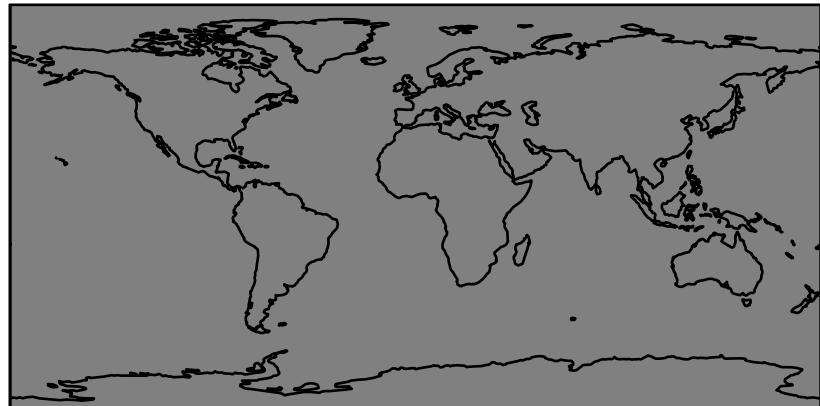
GCHP_12.8.0 (Dev)
c48



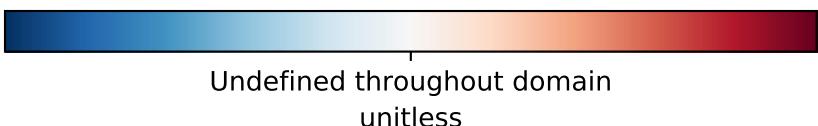
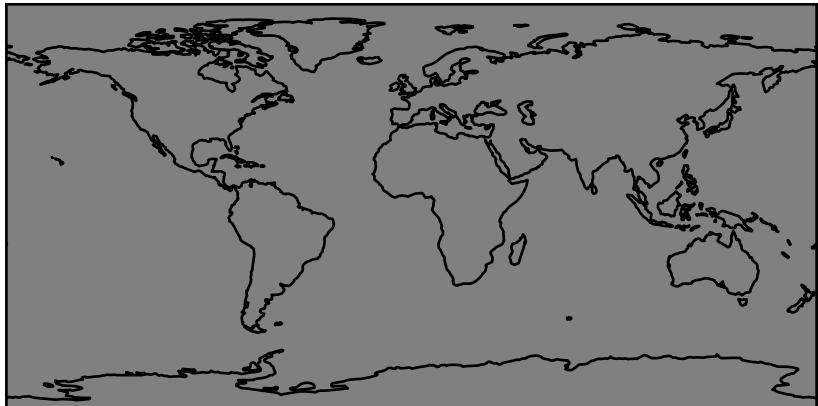
Difference (1x1.25)
Dev - Ref, Dynamic Range



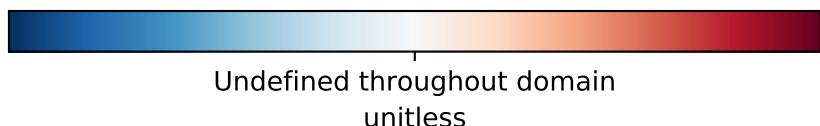
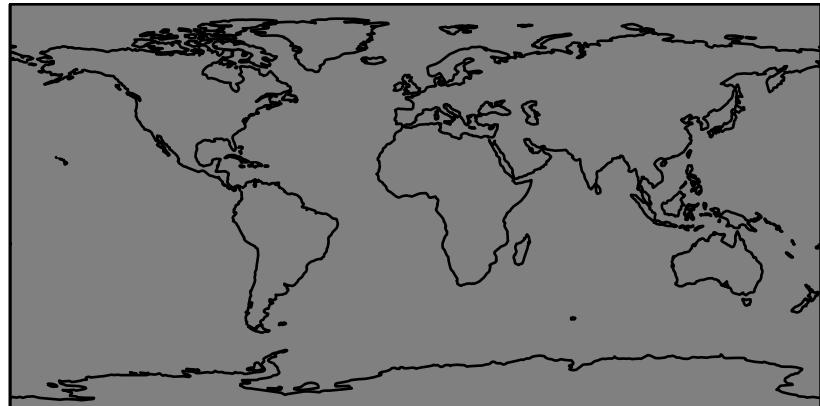
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



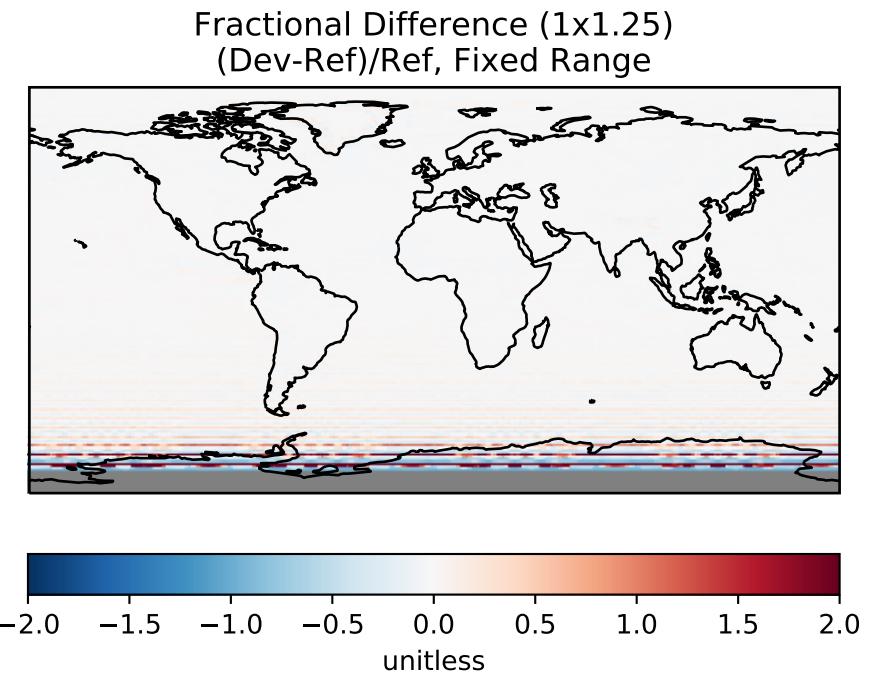
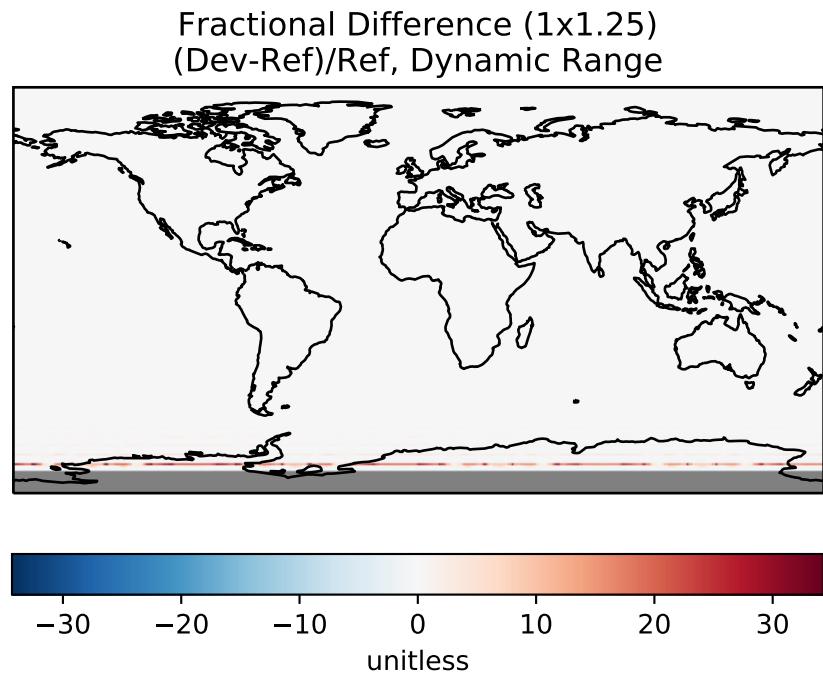
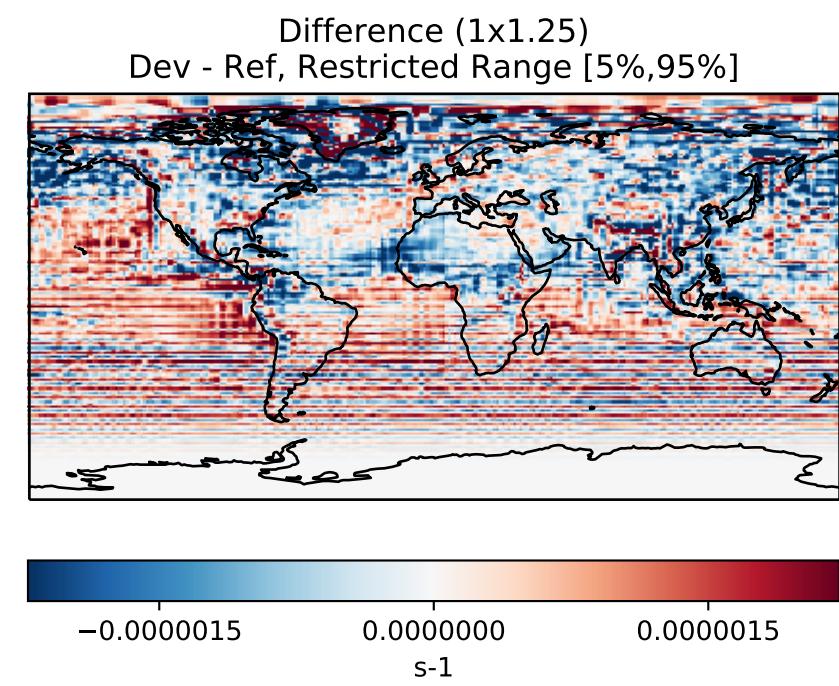
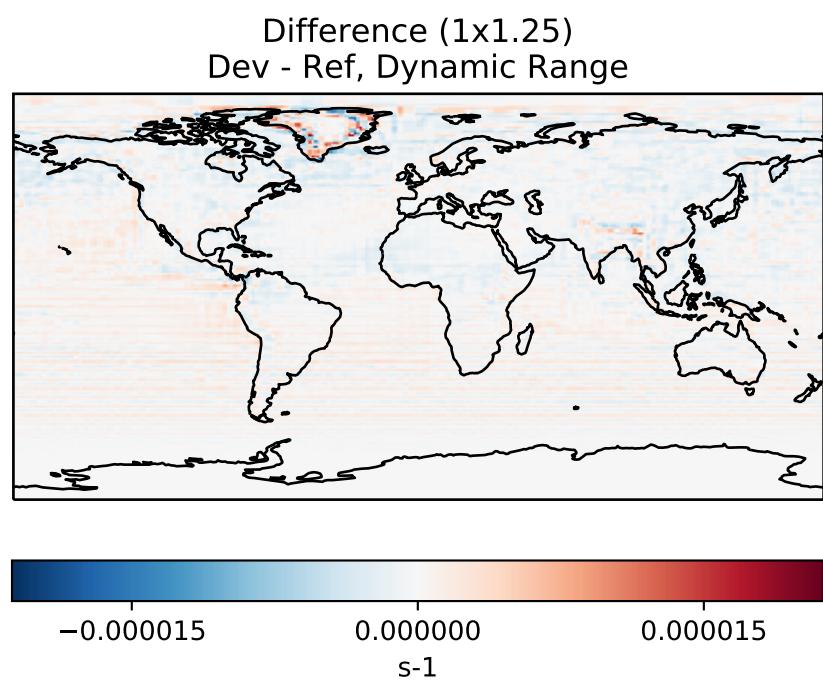
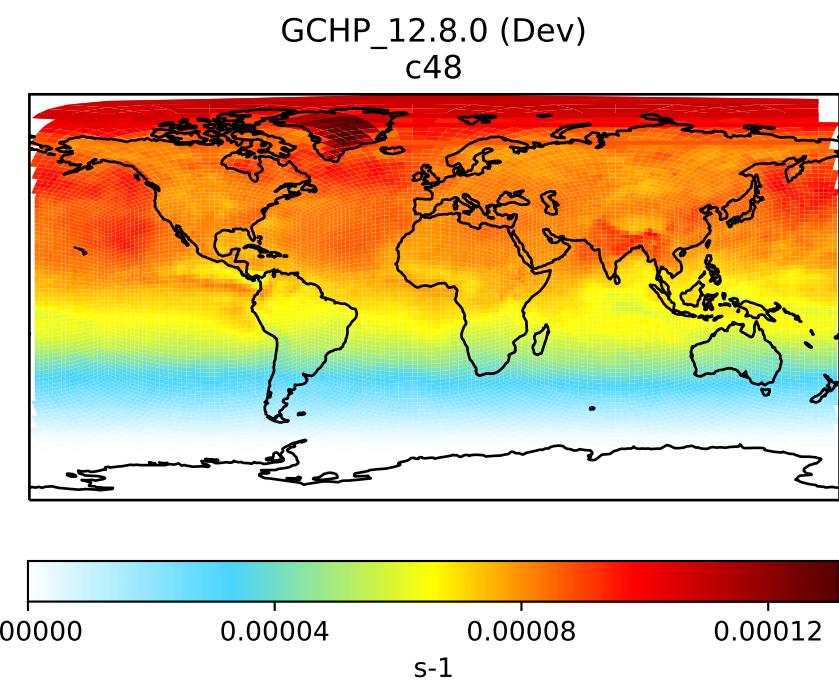
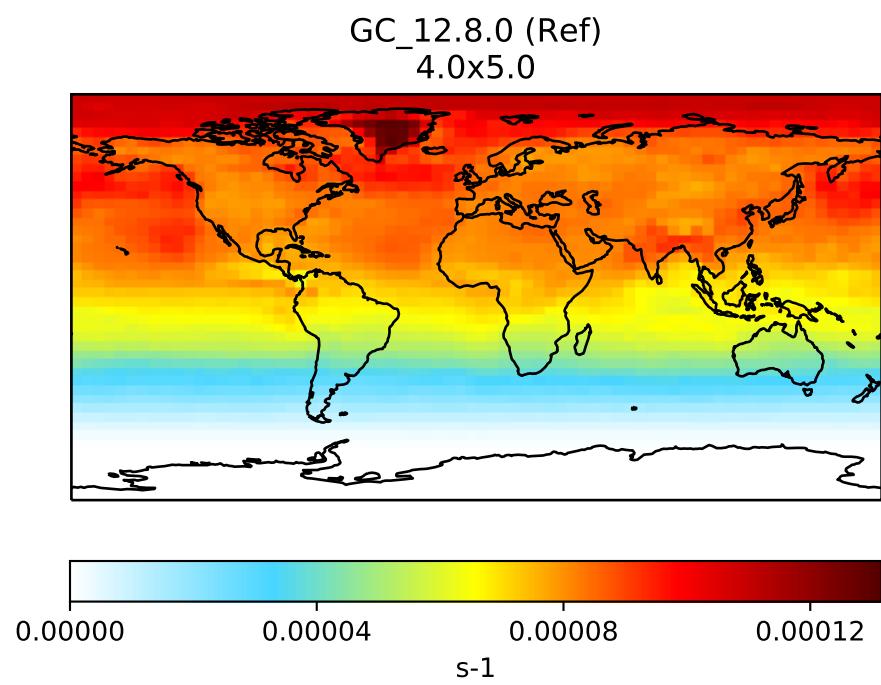
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



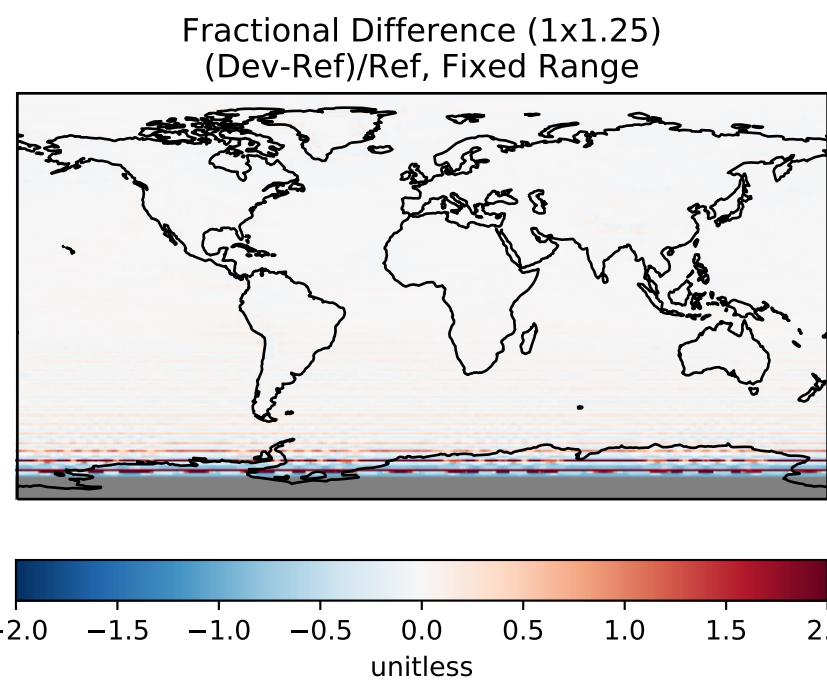
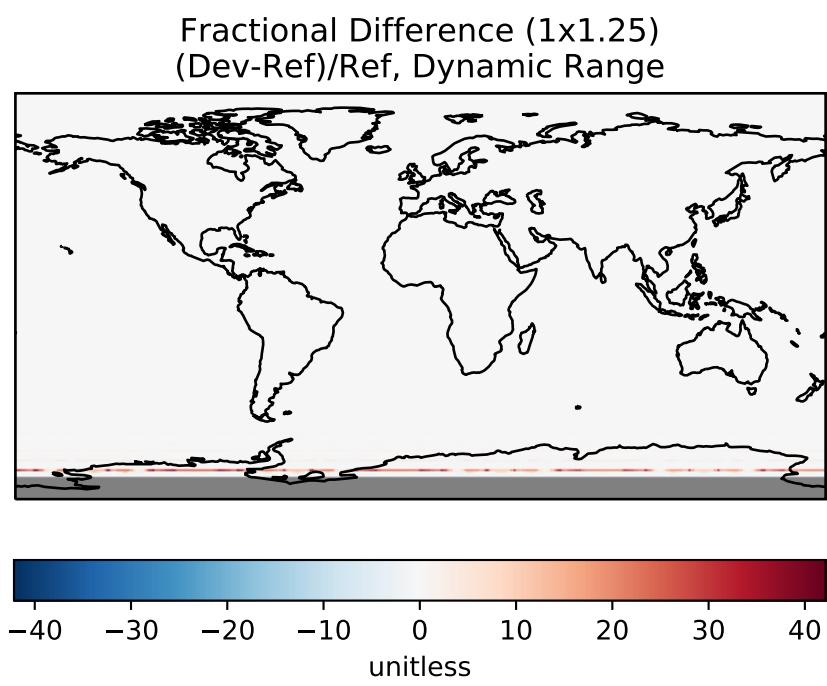
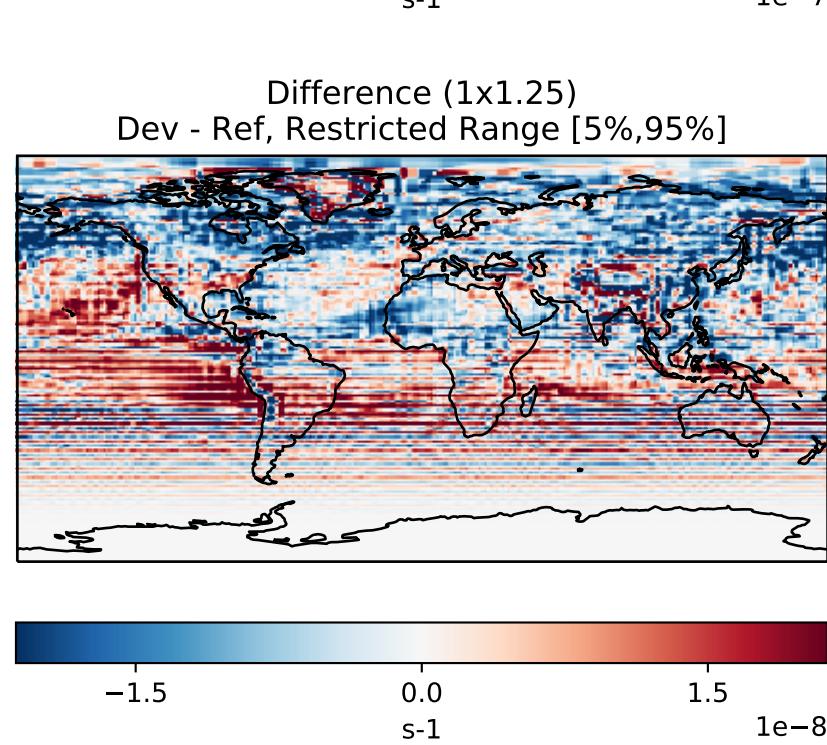
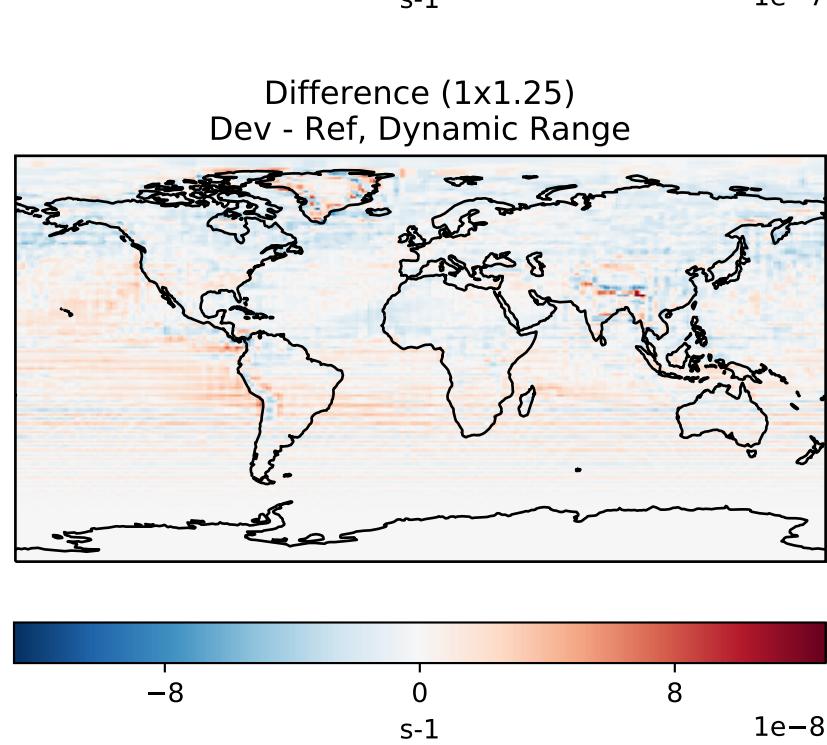
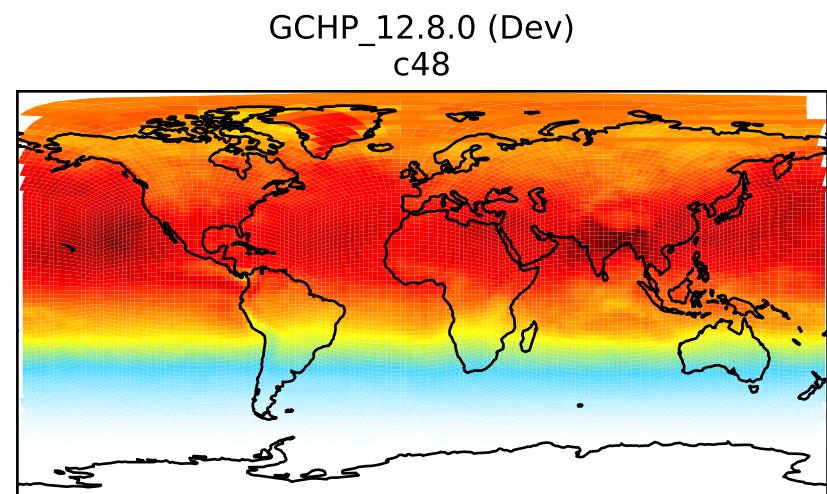
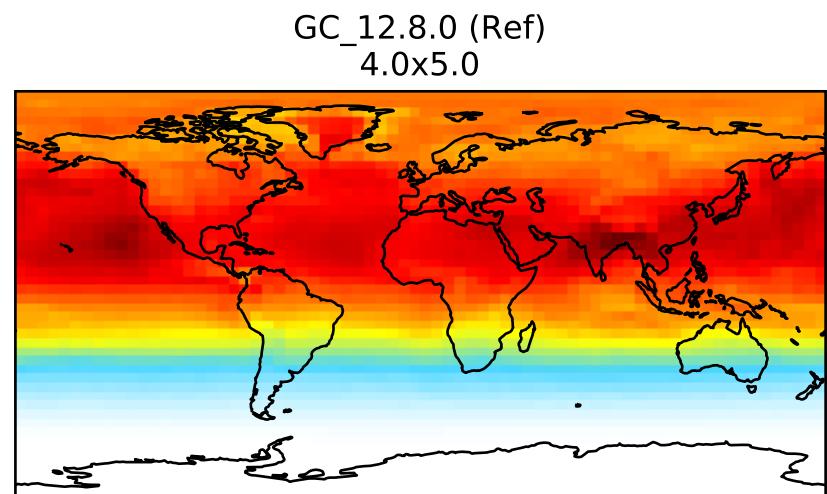
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



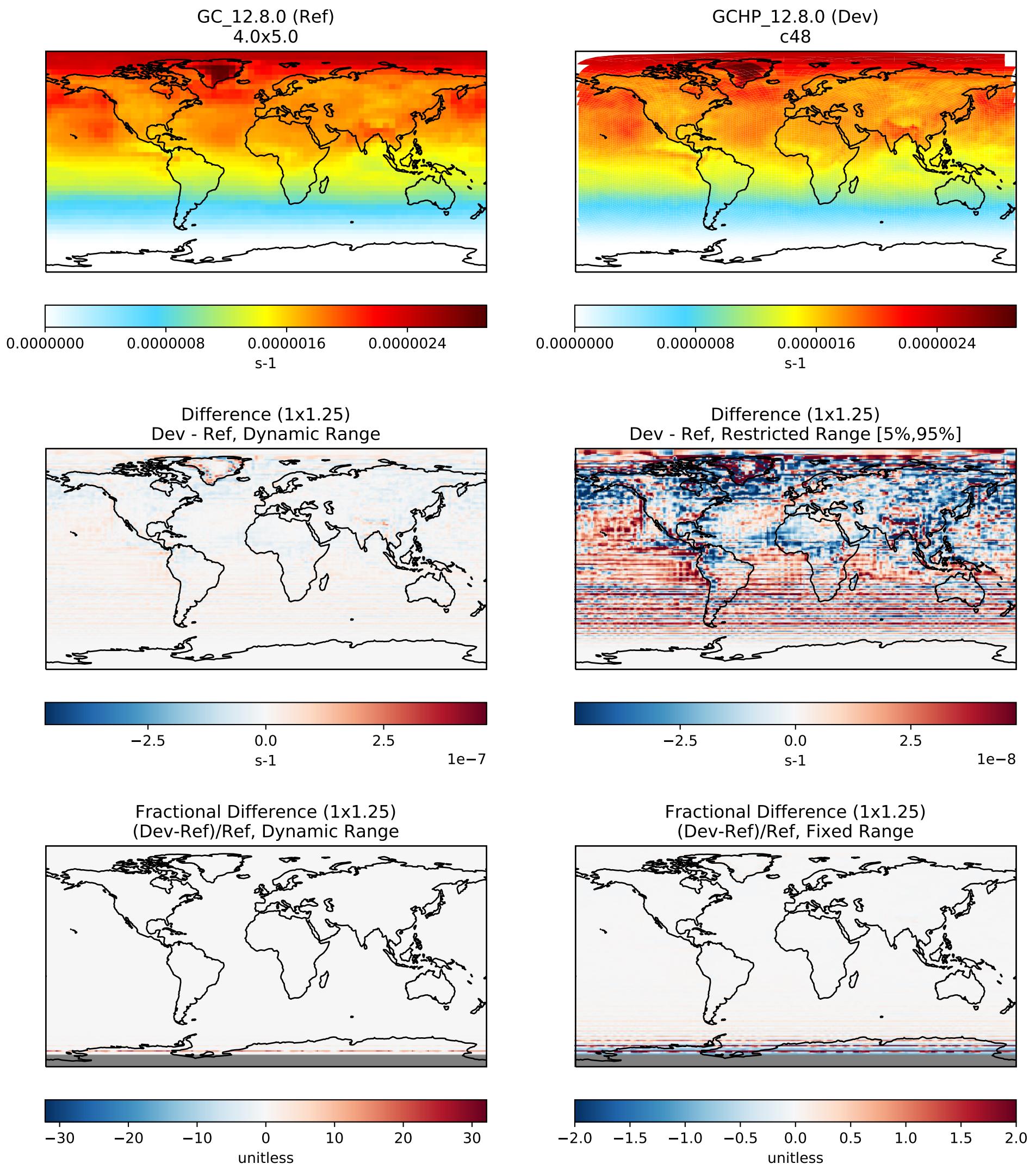
Jval_ETHLN



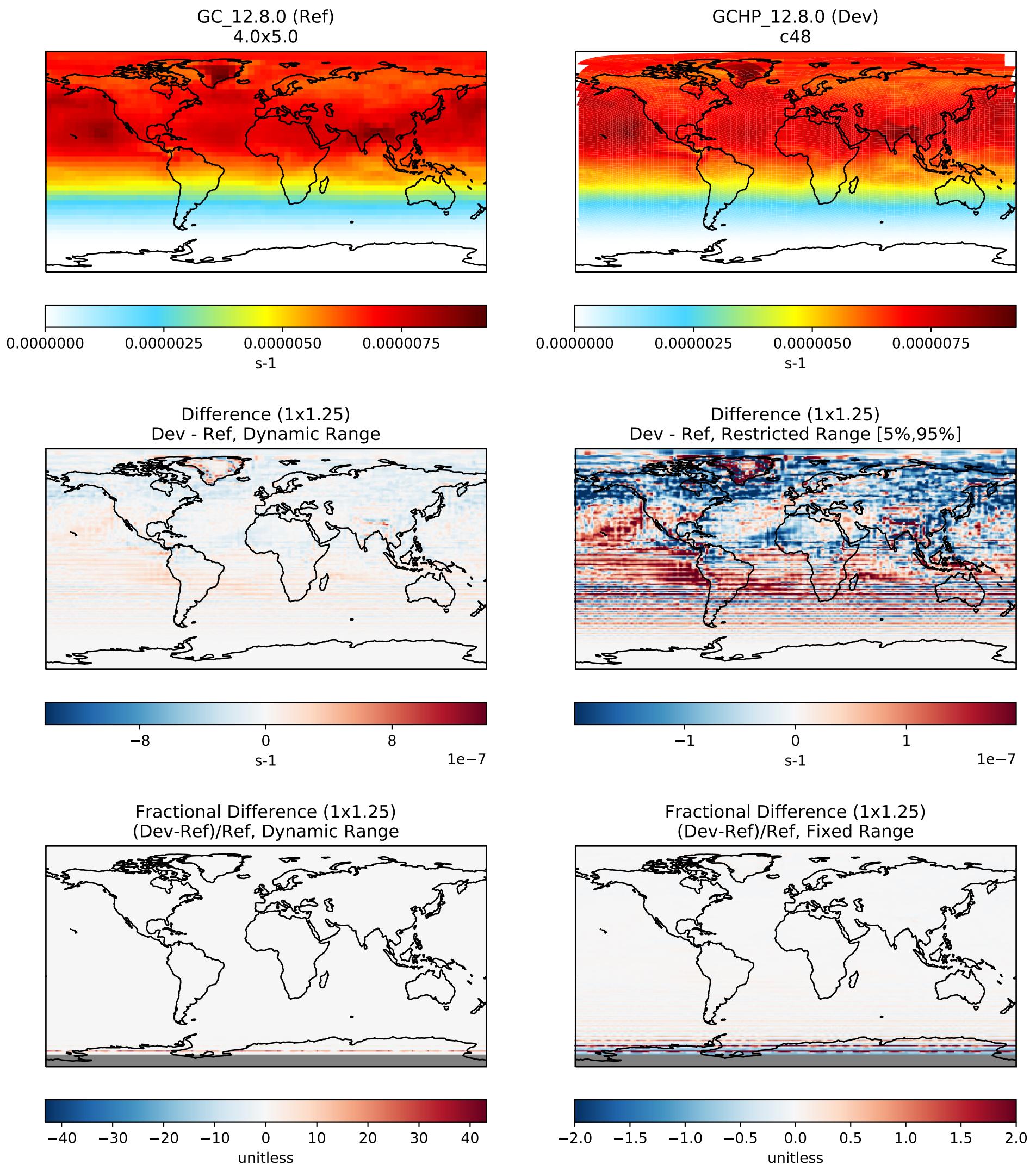
Jval_ETNO3



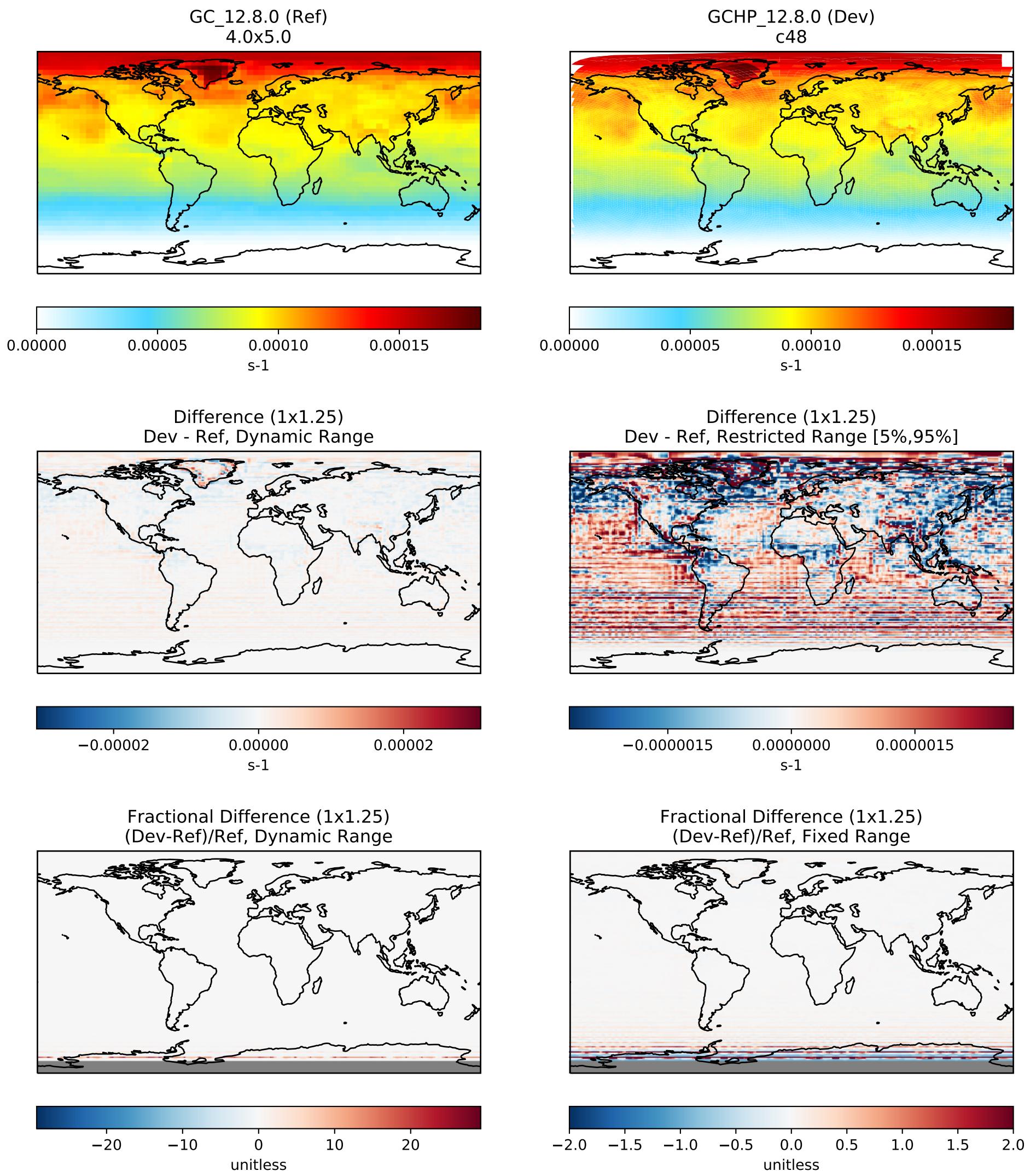
Jval_ETP



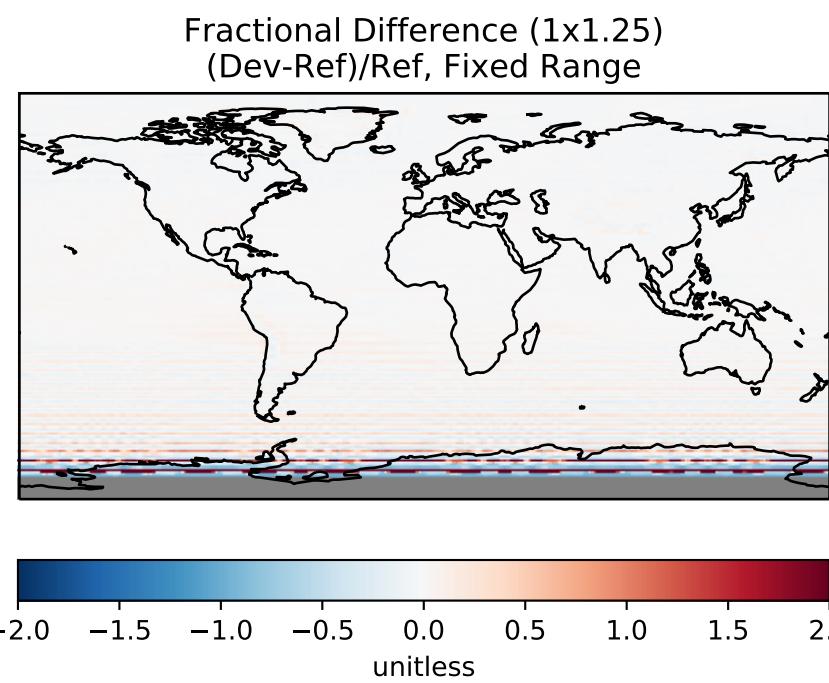
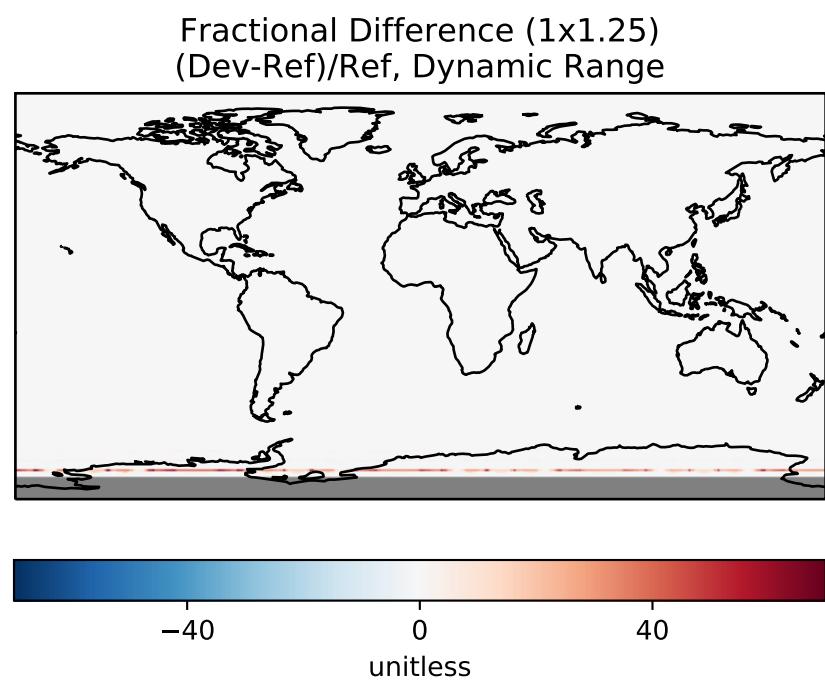
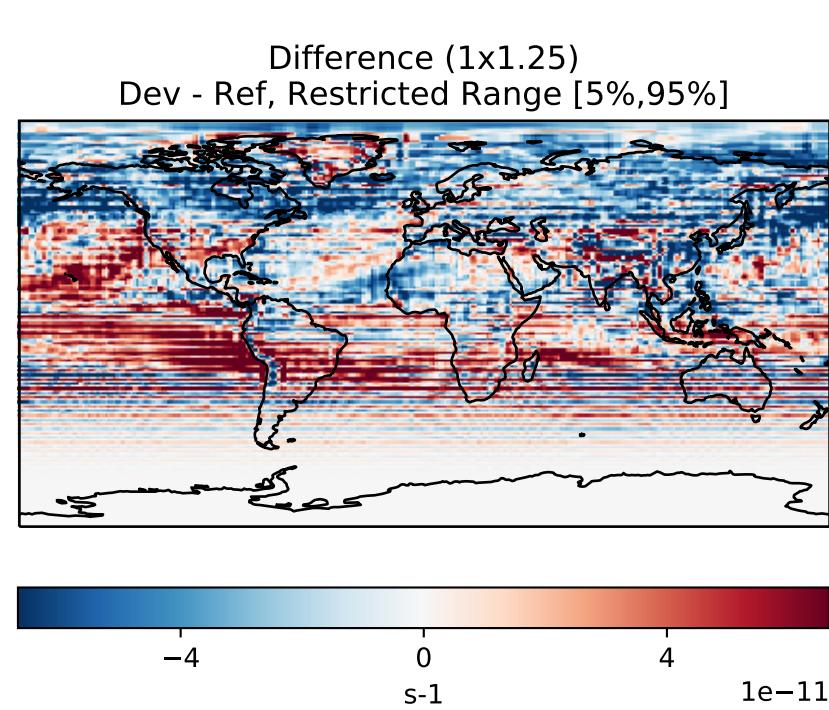
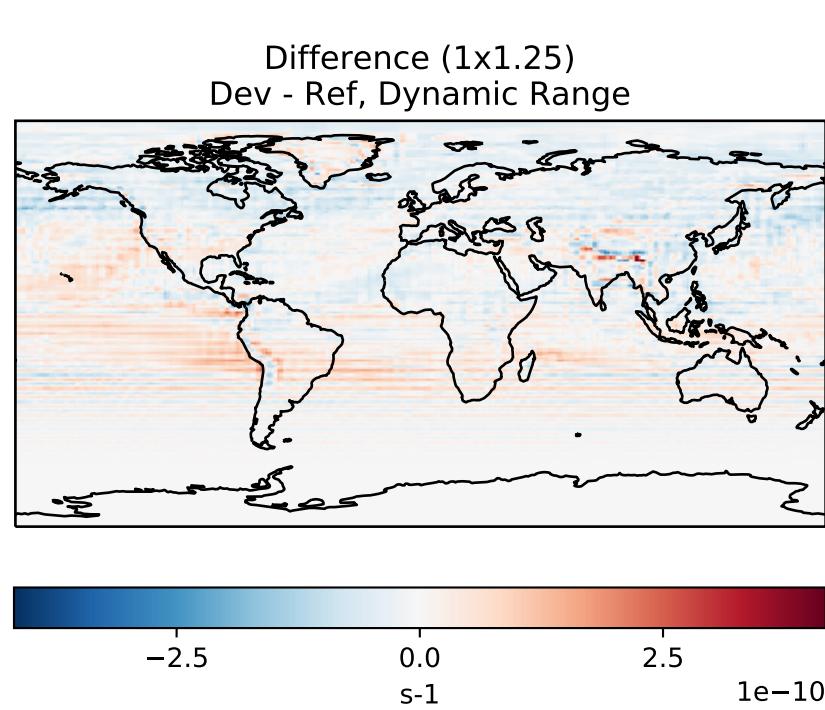
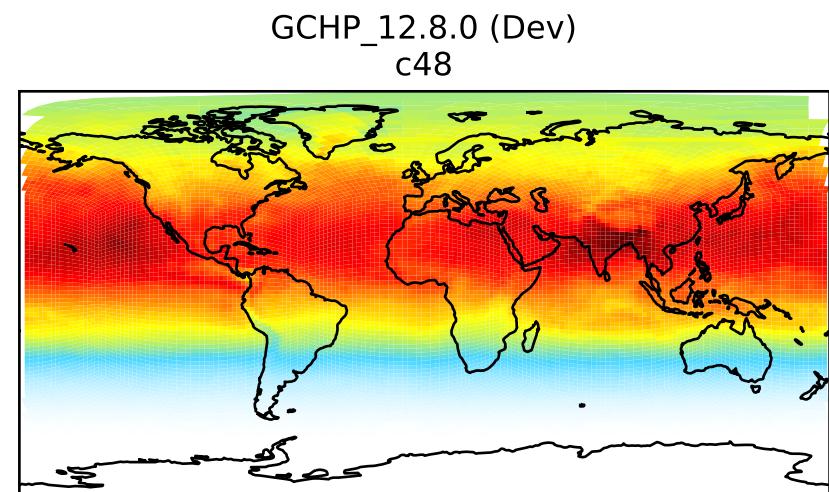
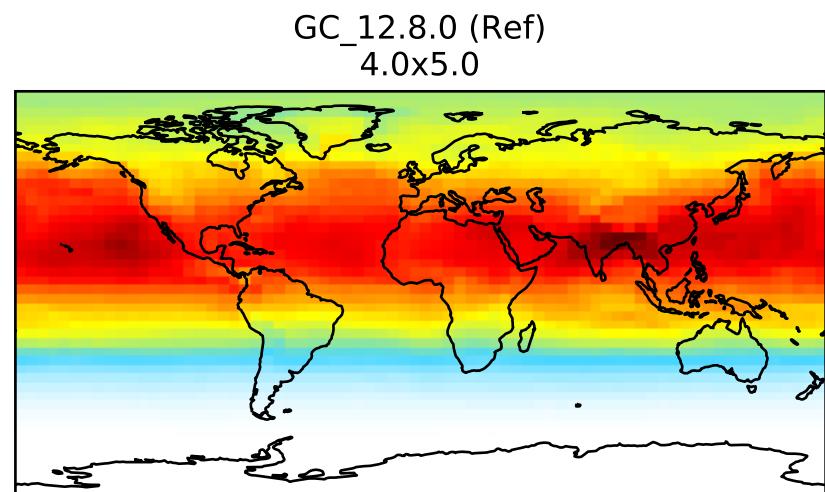
Jval_GLYC



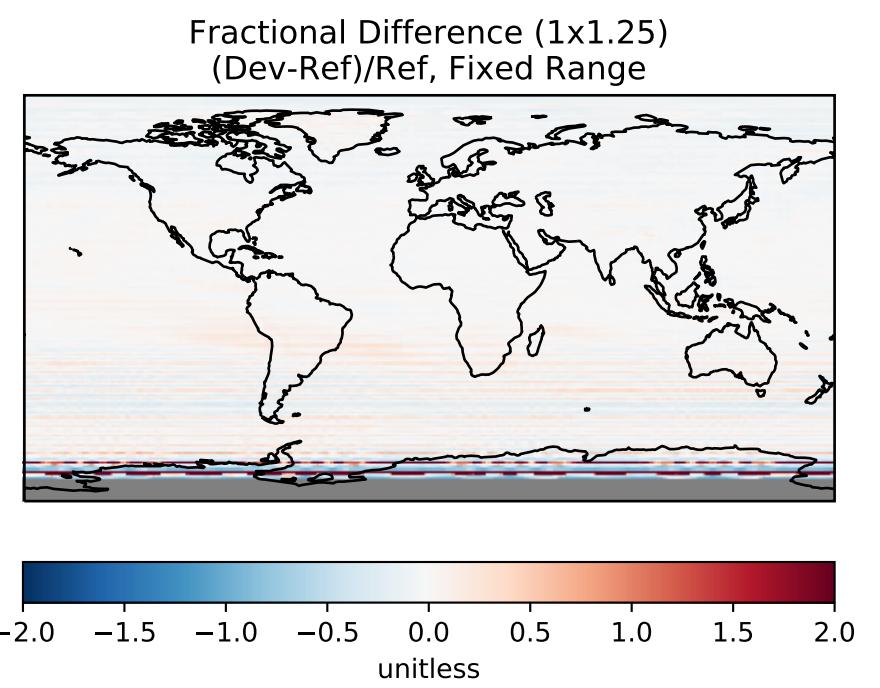
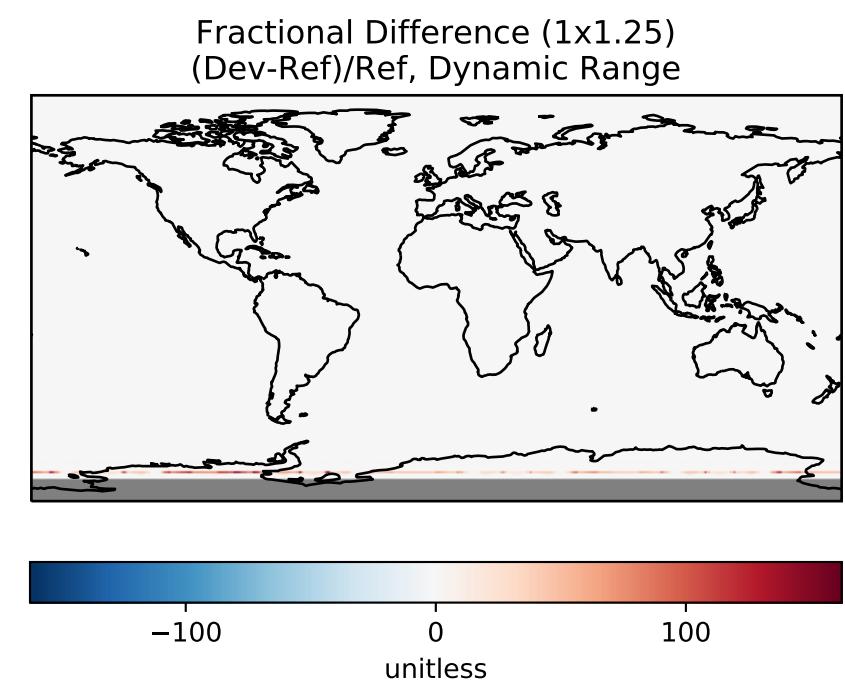
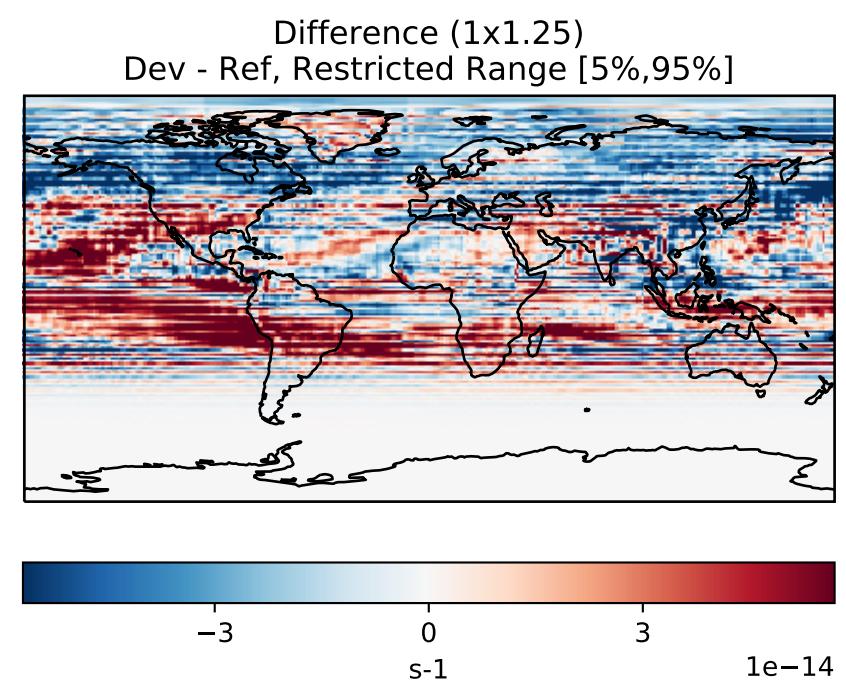
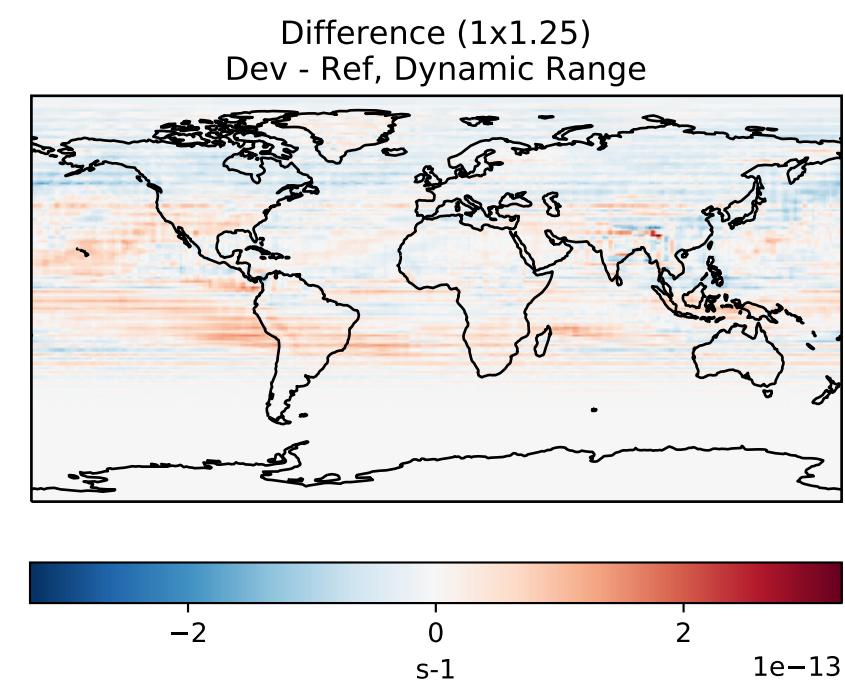
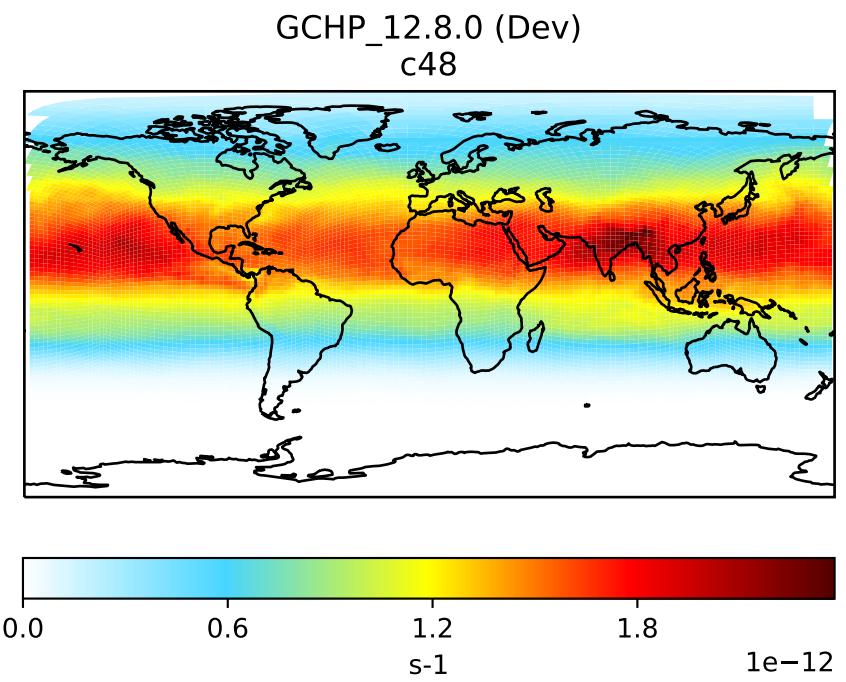
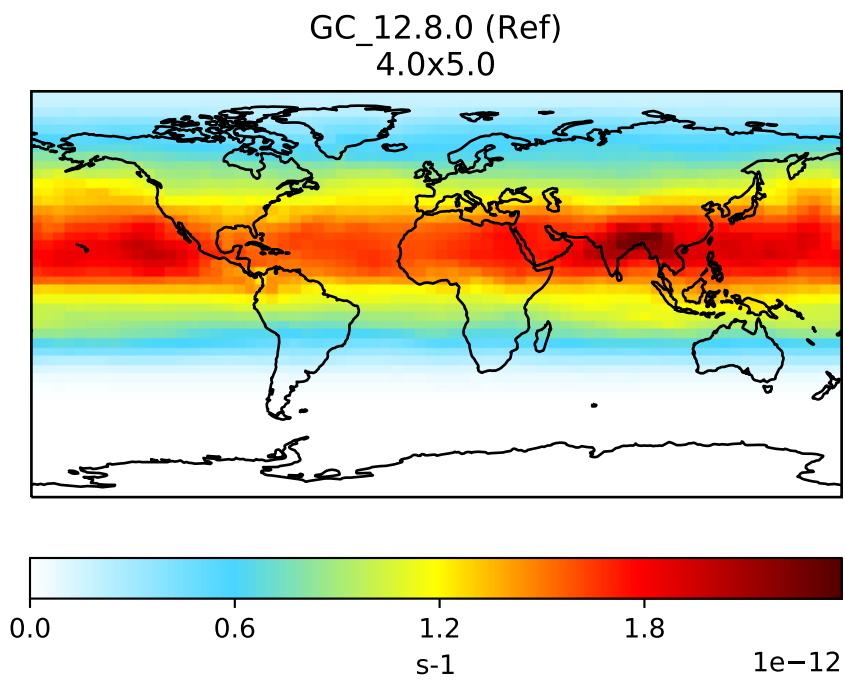
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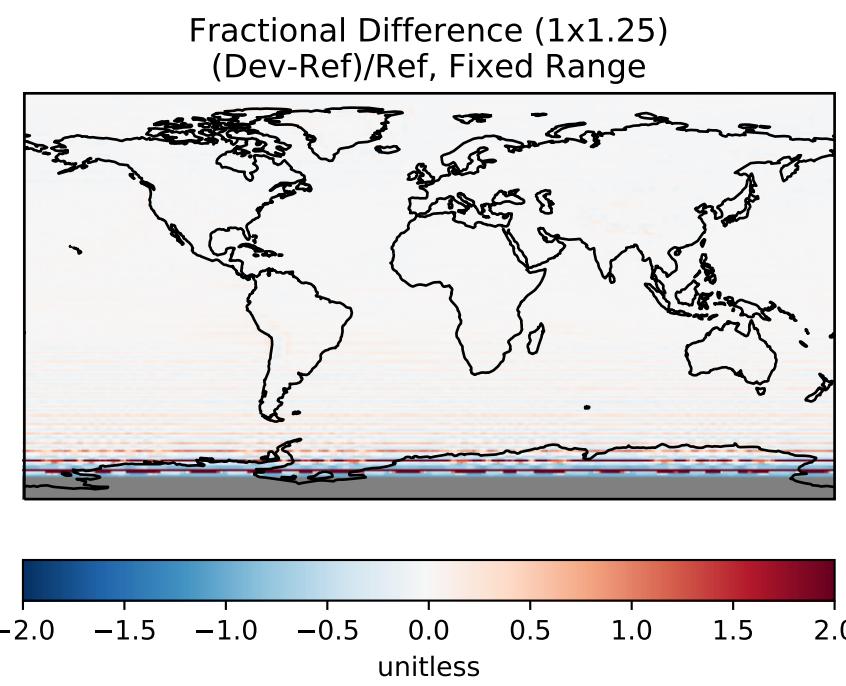
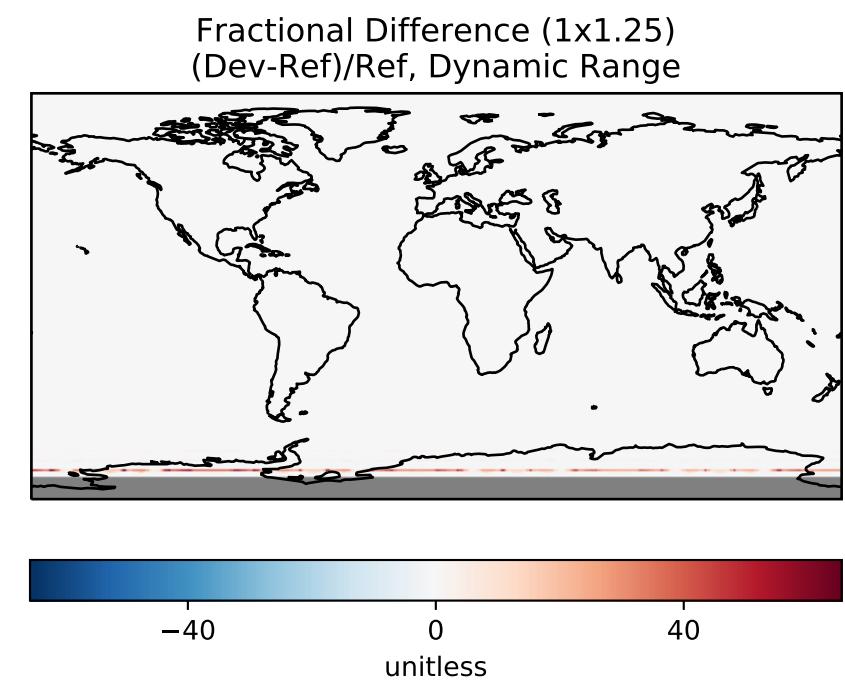
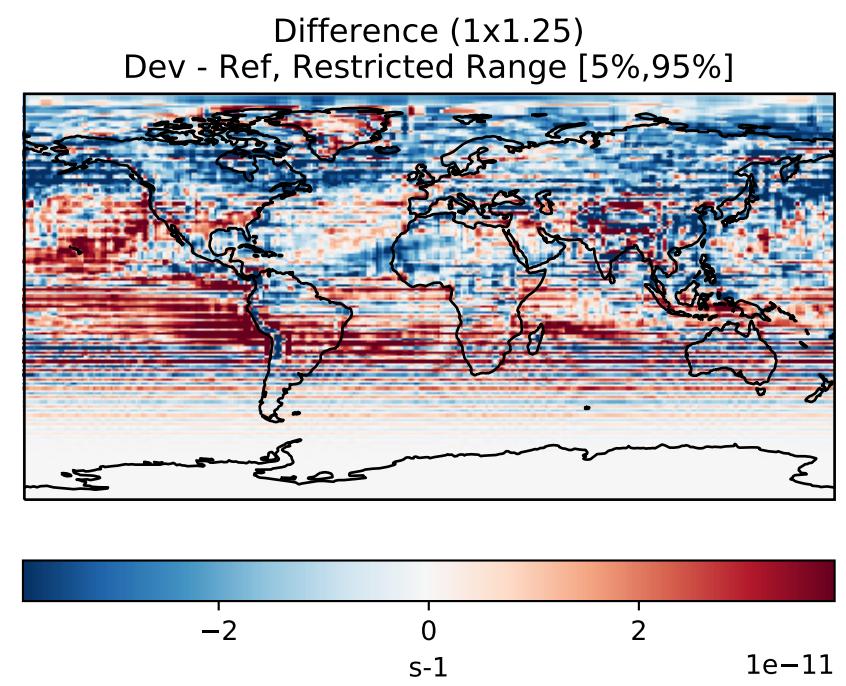
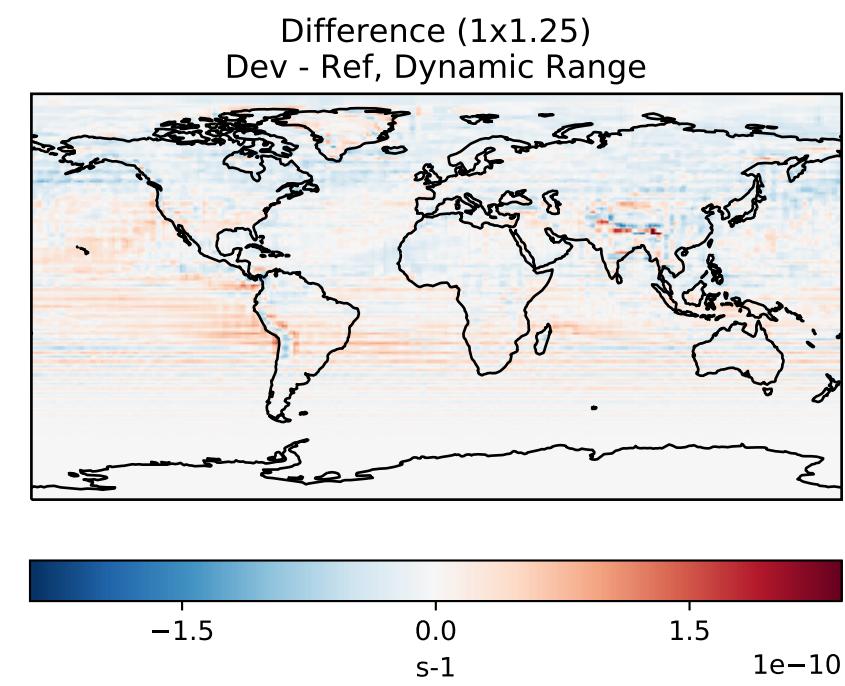
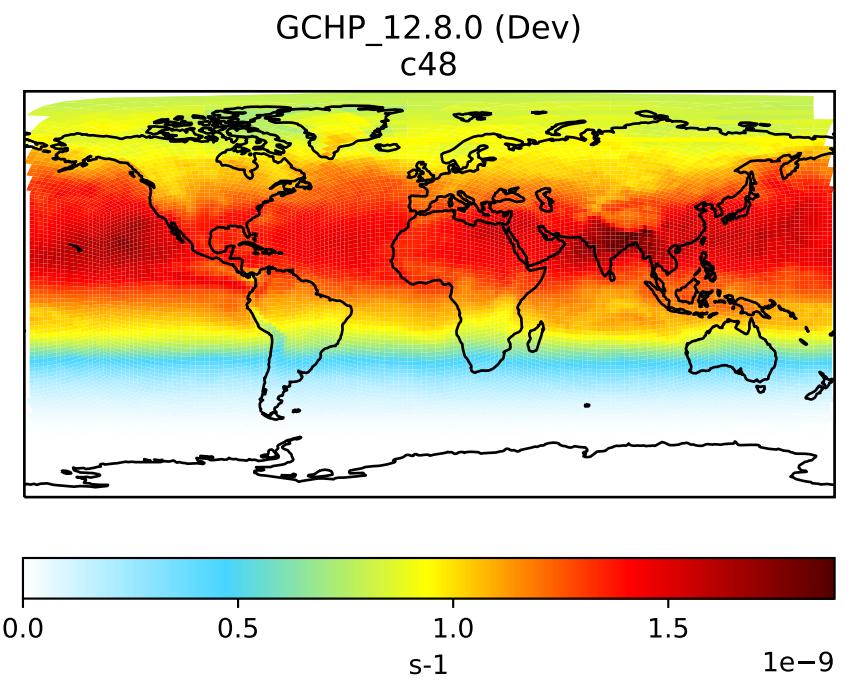
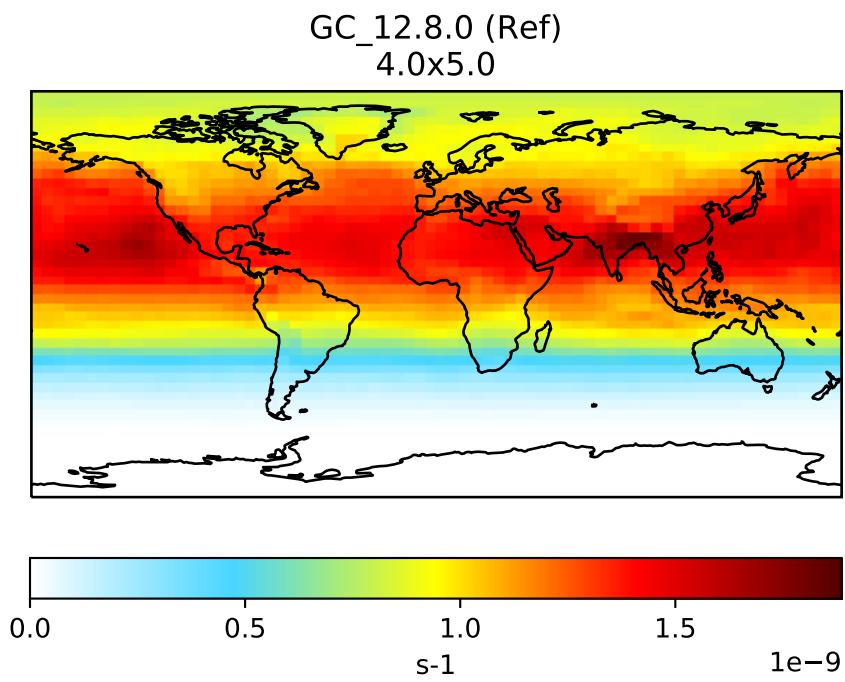
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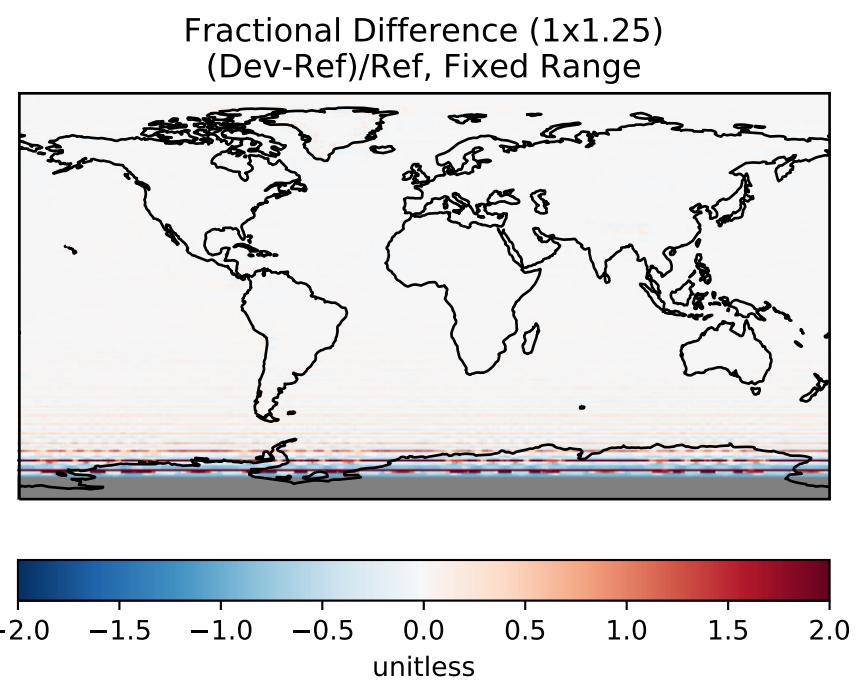
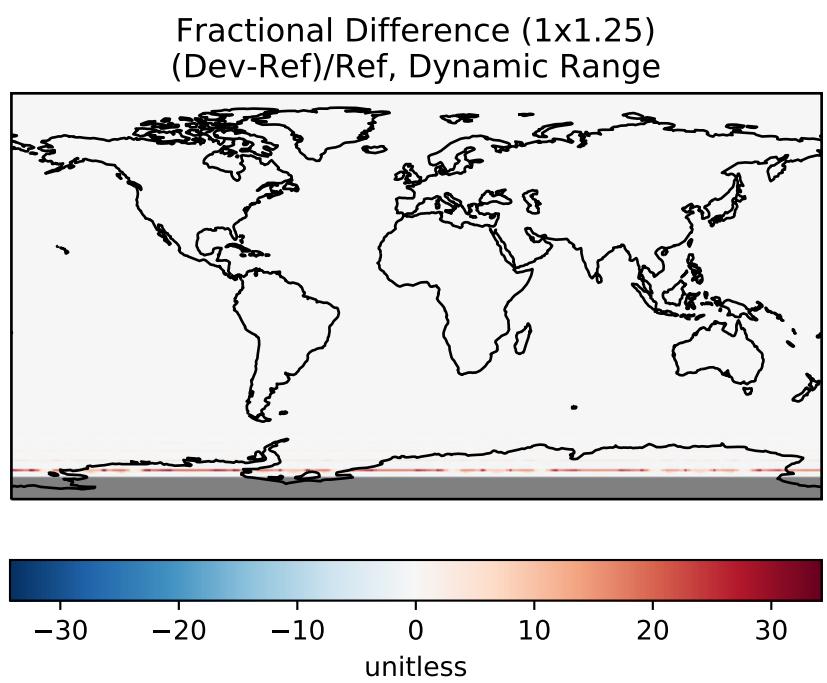
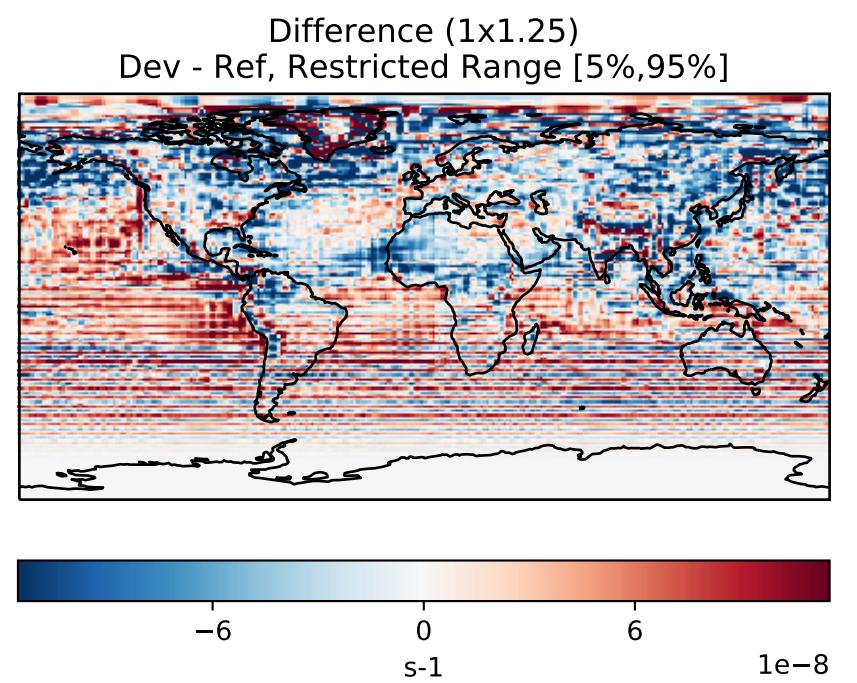
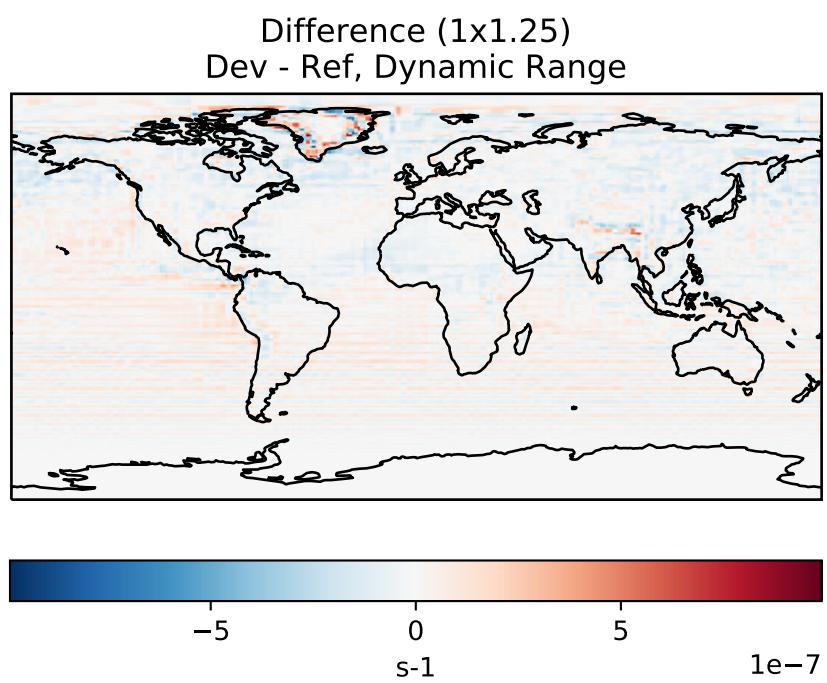
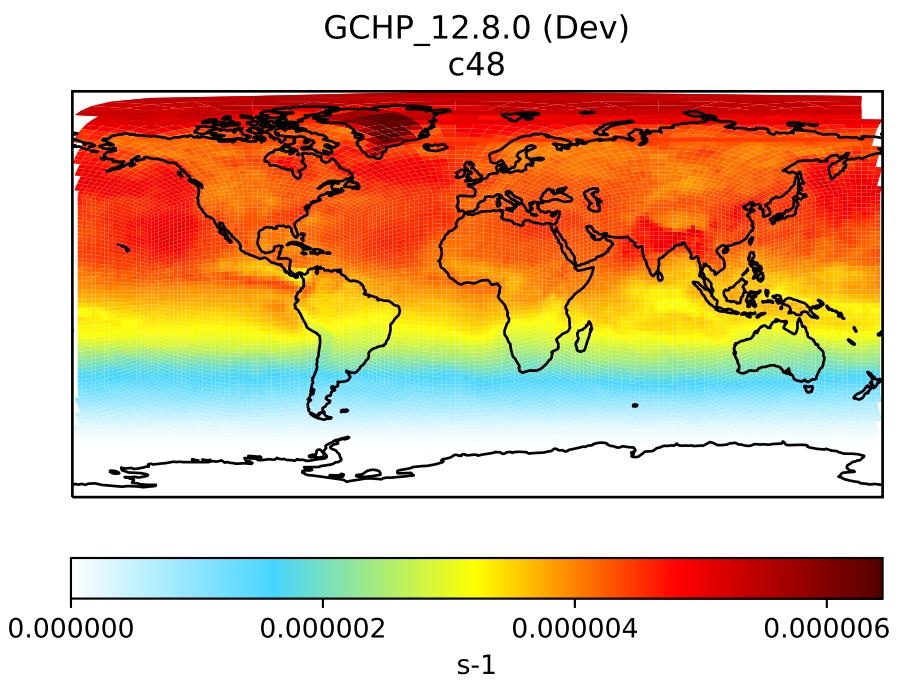
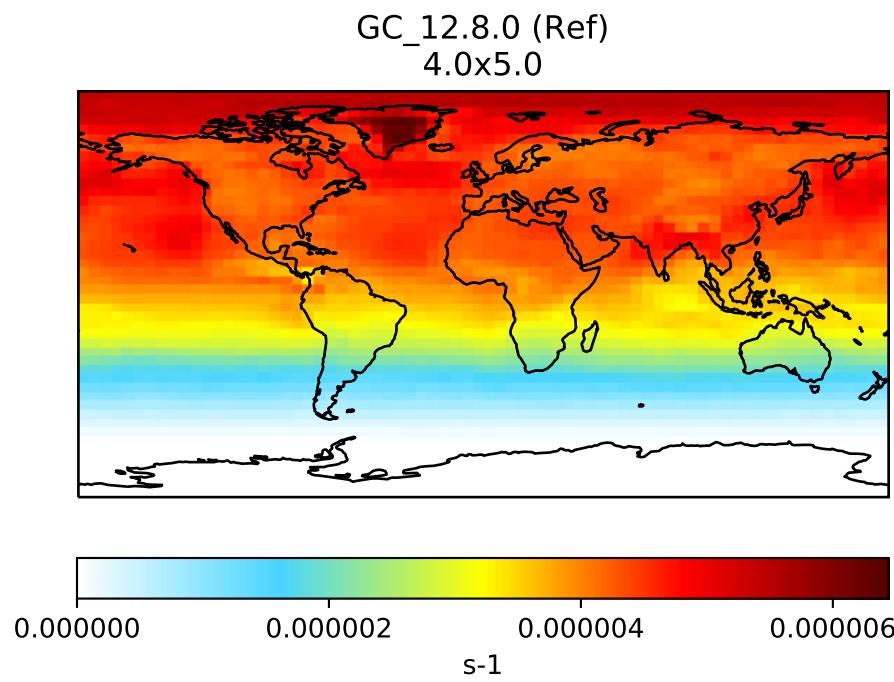
Jval_H1301



Jval_H2402

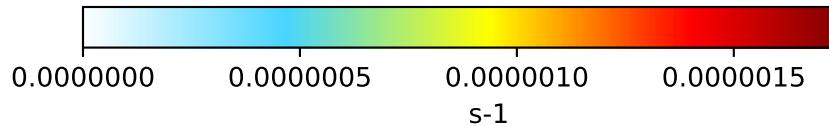
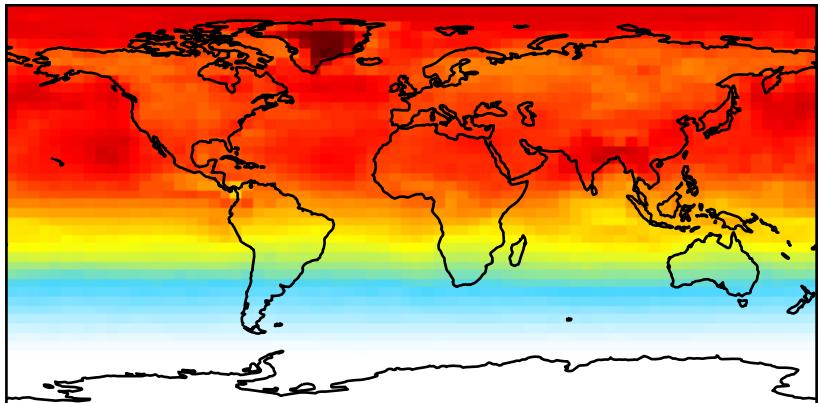


Jval_H2O2

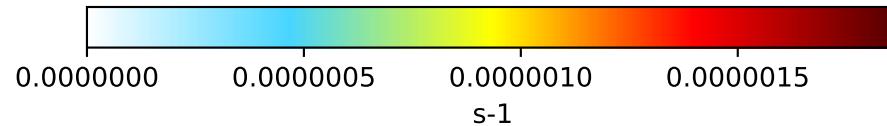
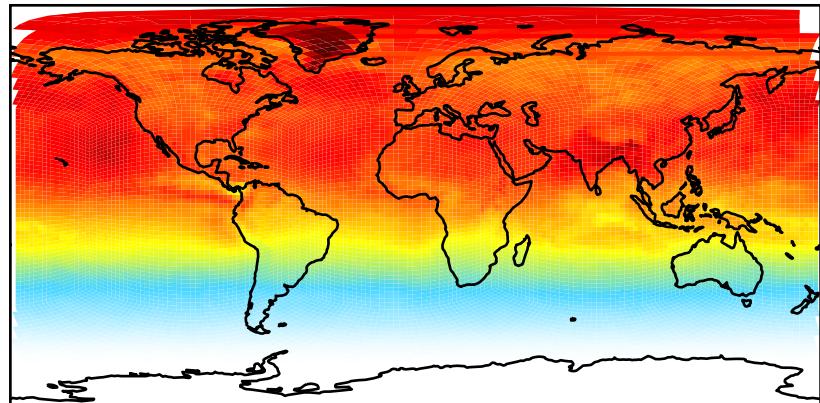


Jval_HAC

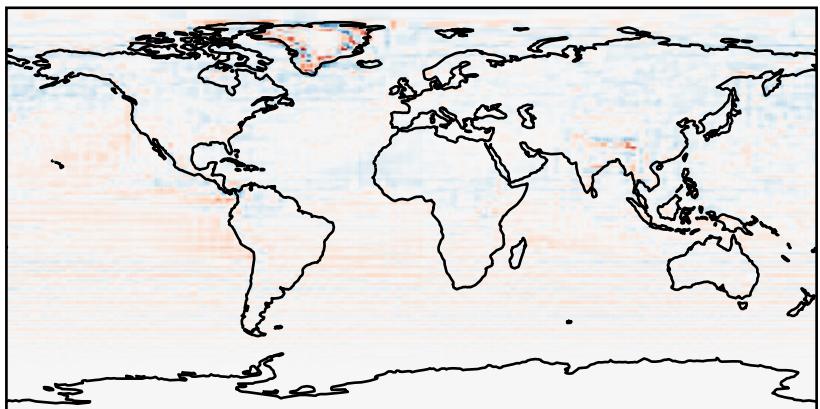
GC_12.8.0 (Ref)
4.0x5.0



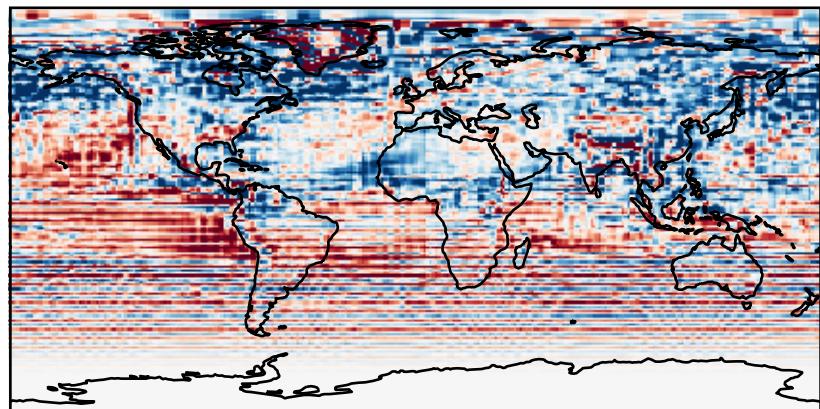
GCHP_12.8.0 (Dev)
c48



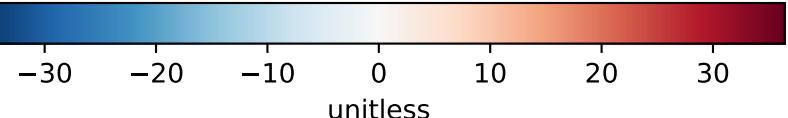
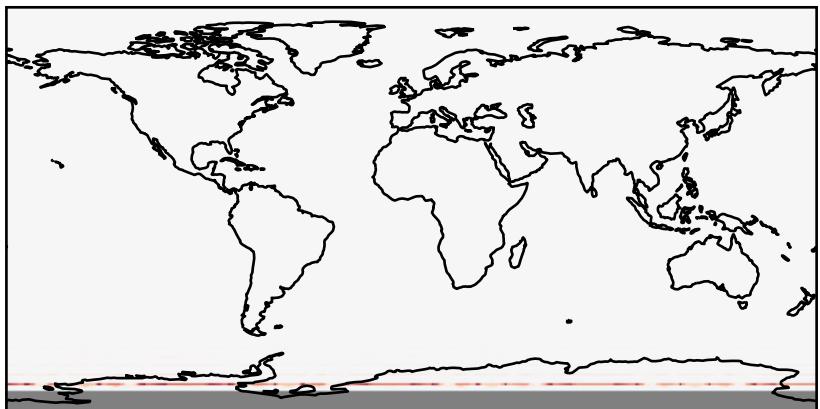
Difference (1x1.25)
Dev - Ref, Dynamic Range



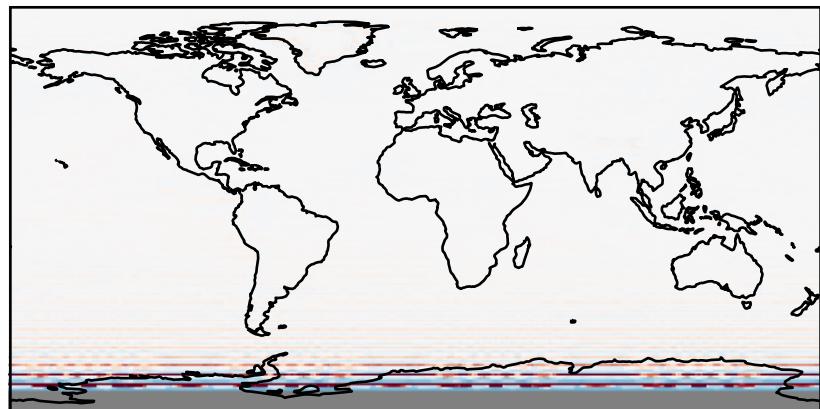
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

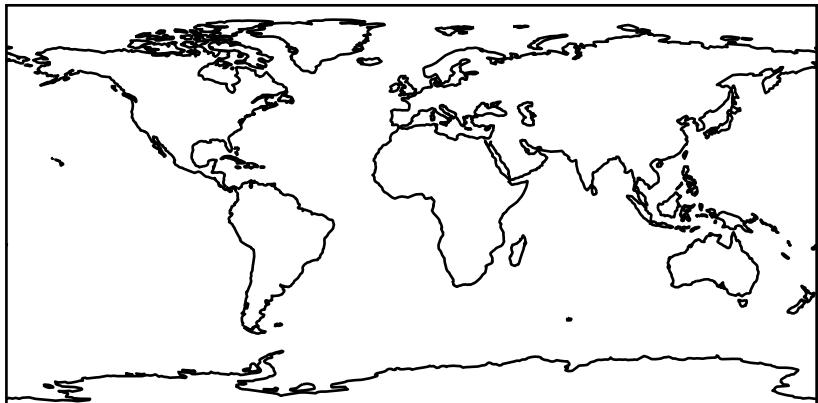


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



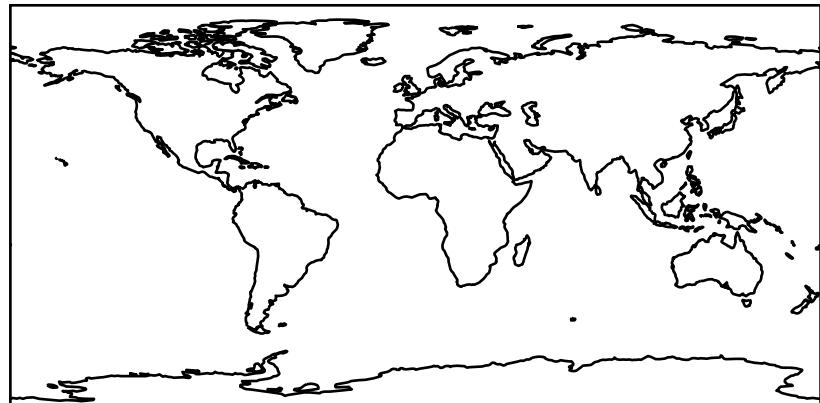
Jval_HC5A

GC_12.8.0 (Ref)
4.0x5.0



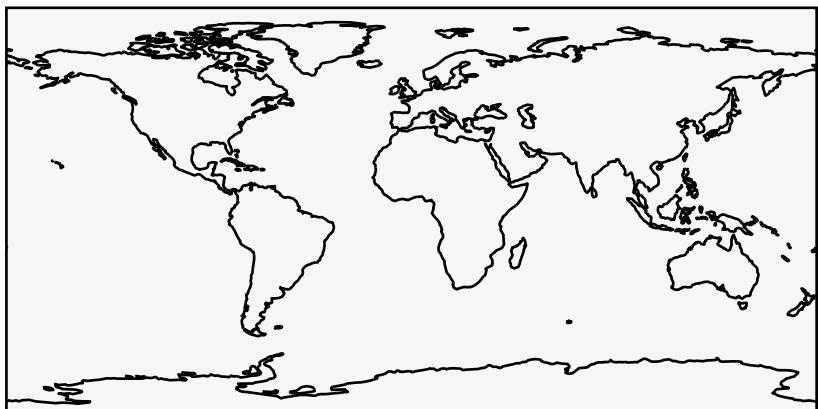
Zero throughout domain
s-1

GCHP_12.8.0 (Dev)
c48



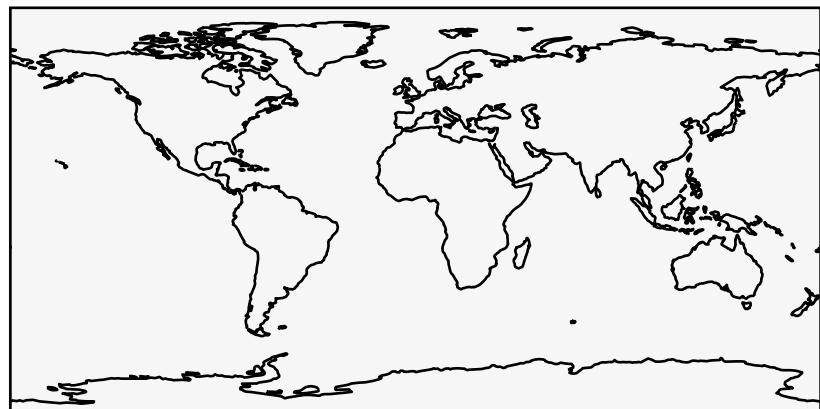
Zero throughout domain
s-1

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



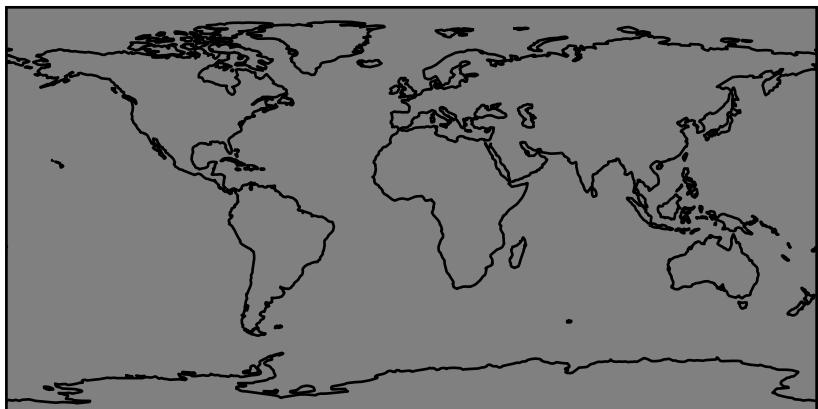
Zero throughout domain
s-1

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



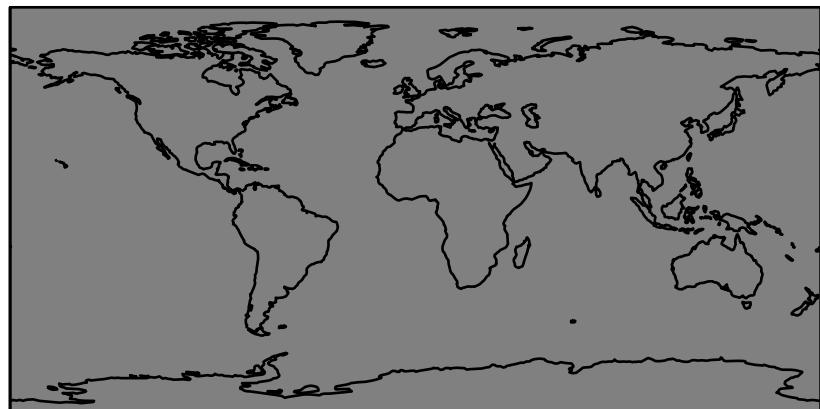
Zero throughout domain
s-1

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



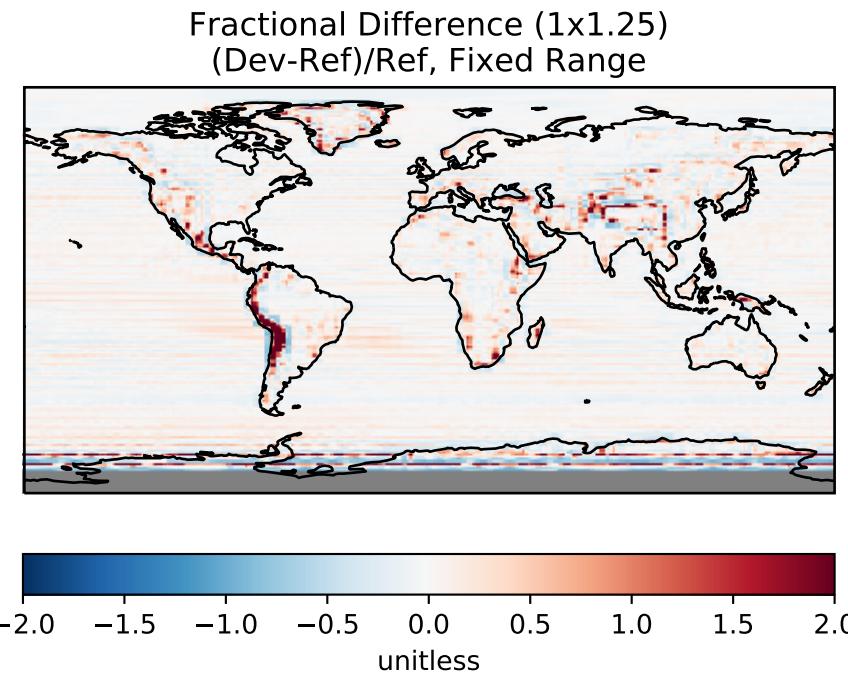
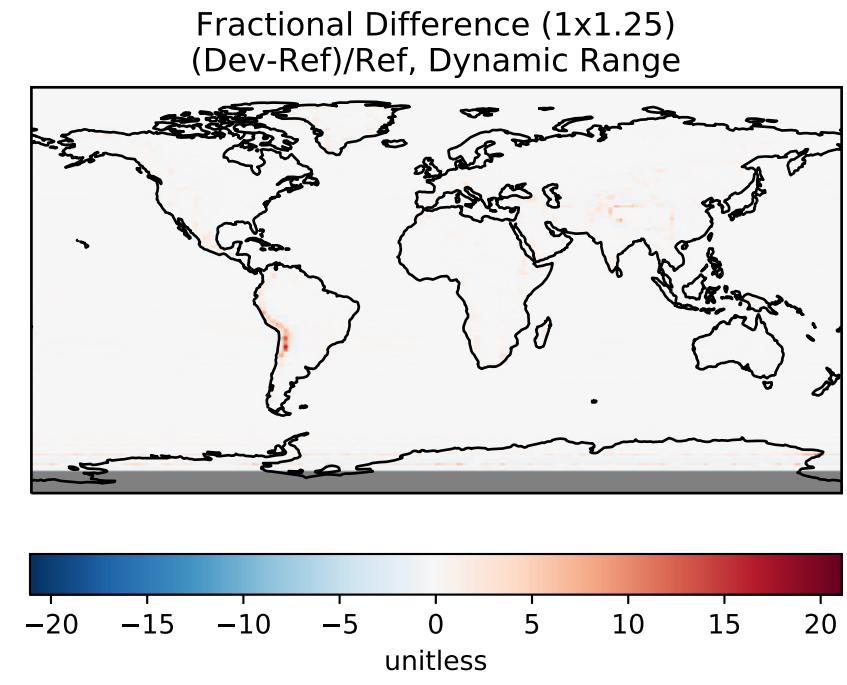
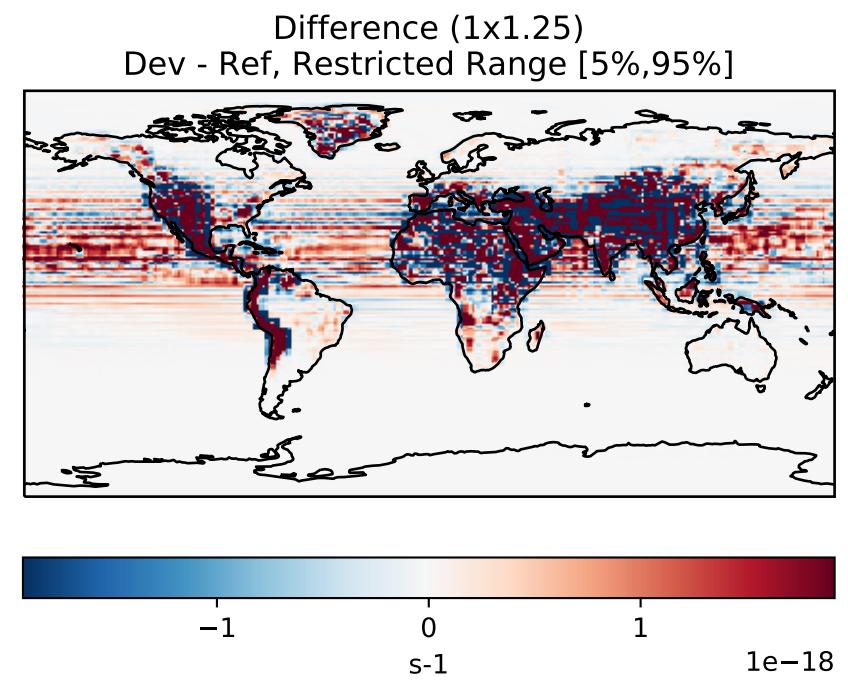
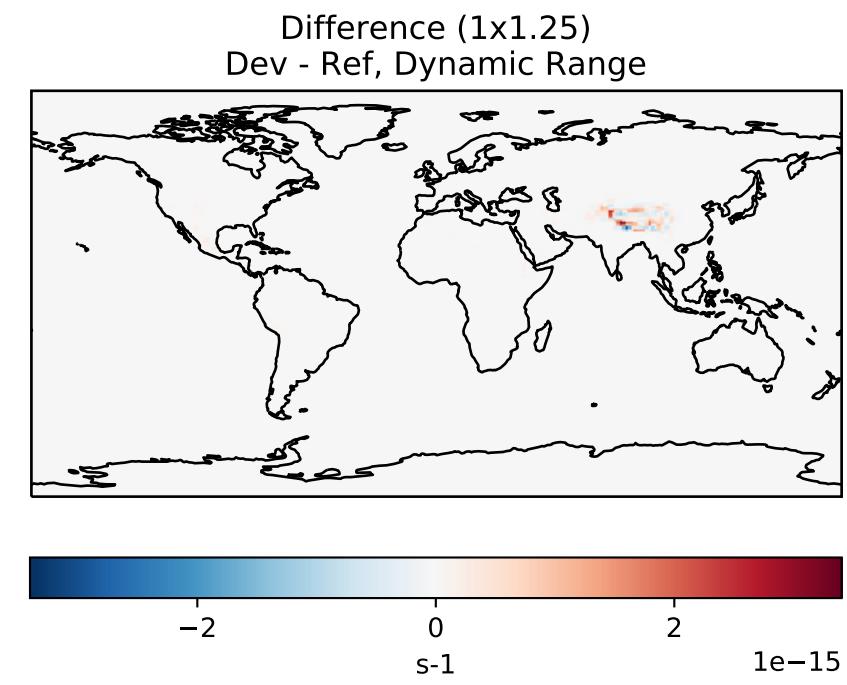
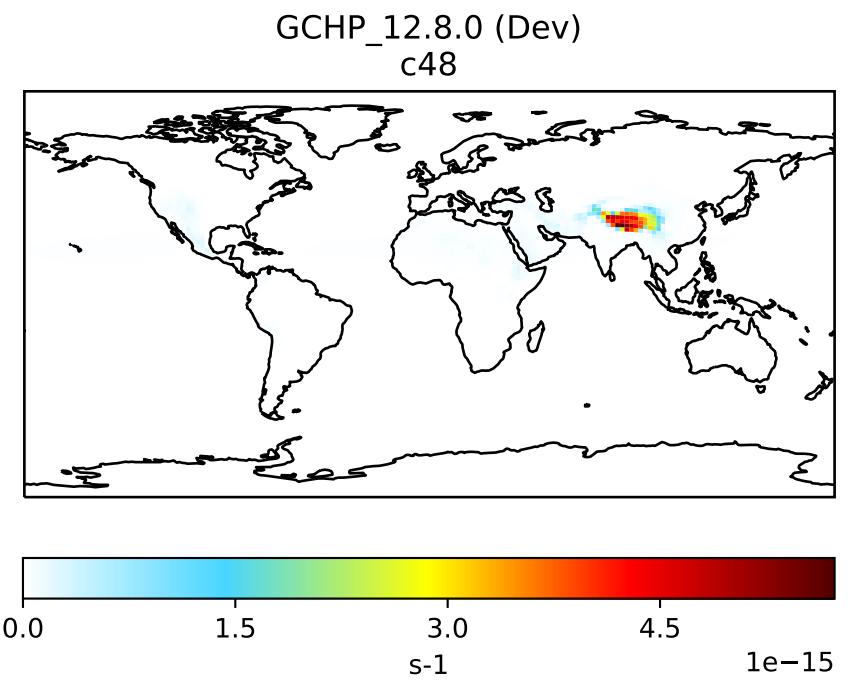
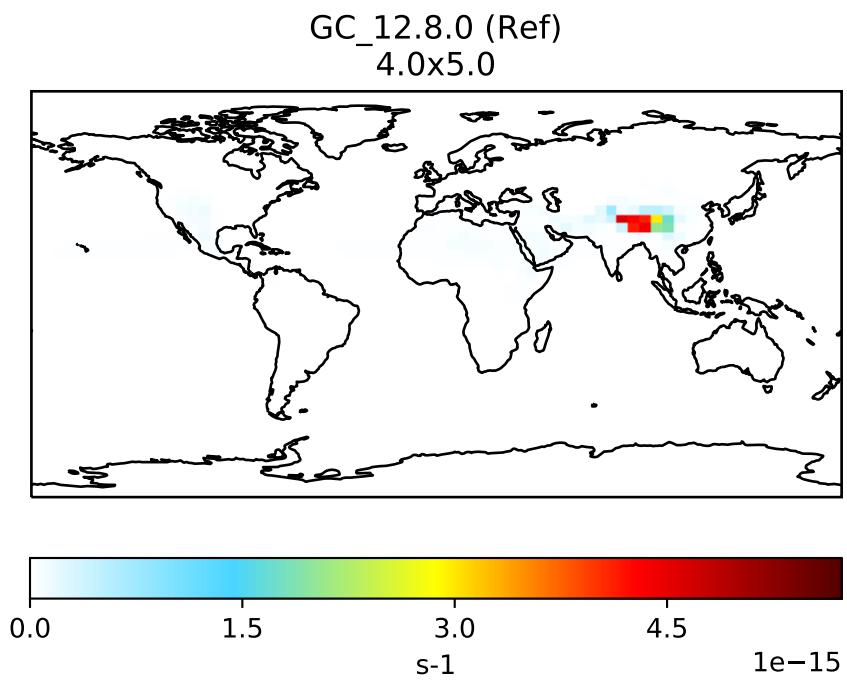
Undefined throughout domain
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Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

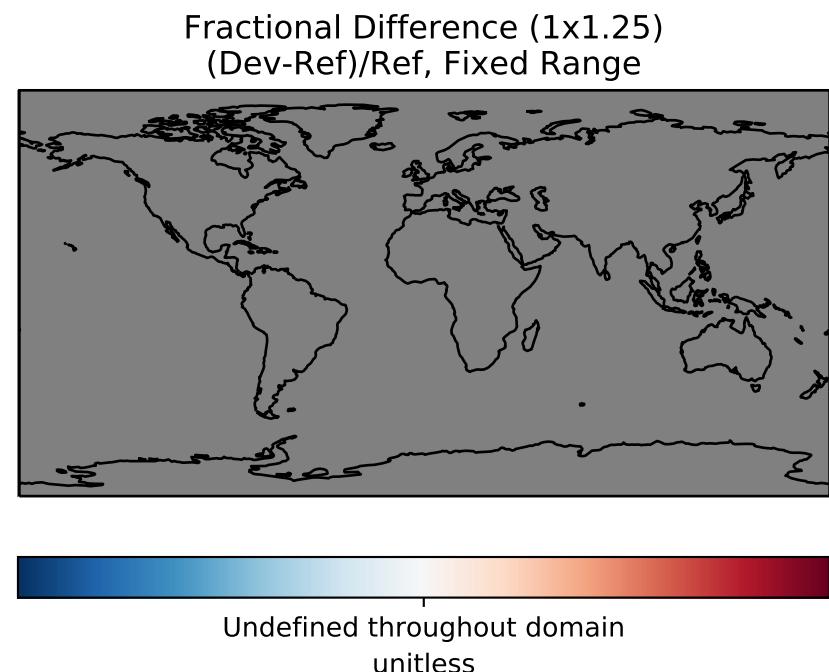
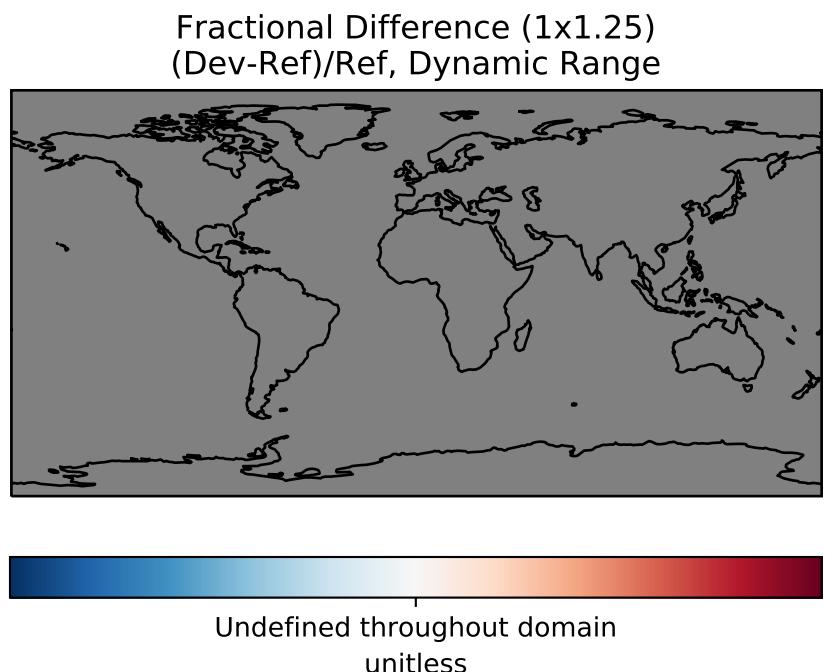
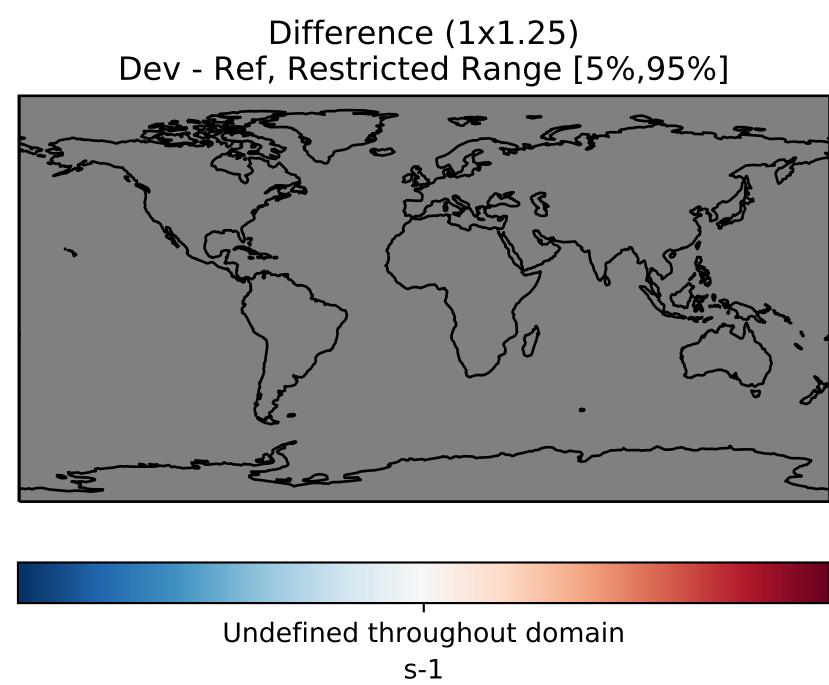
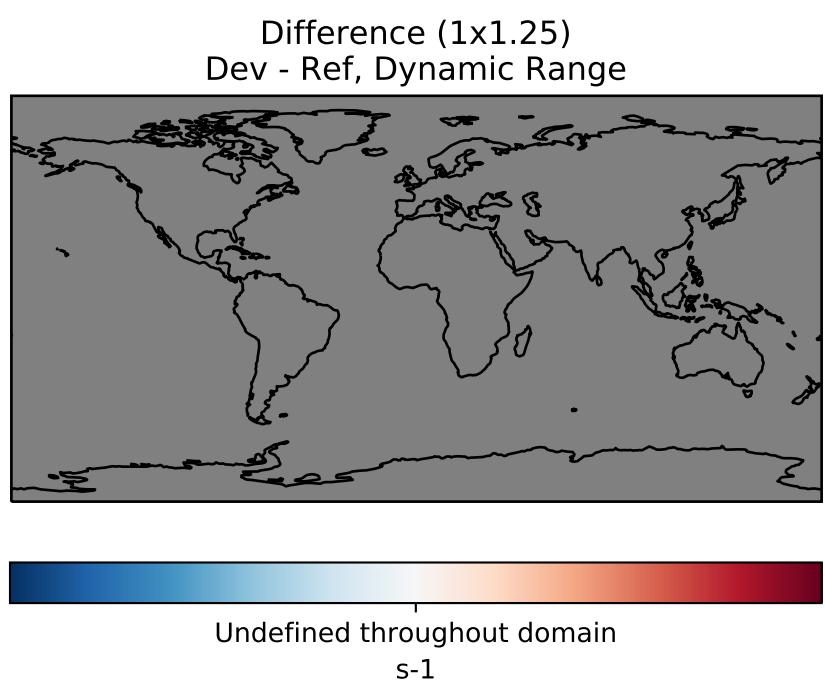
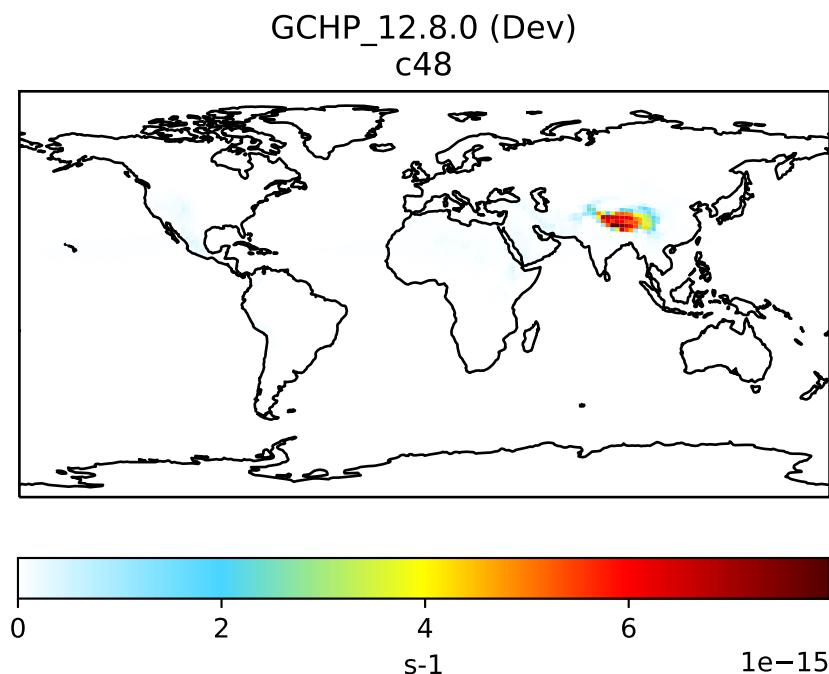
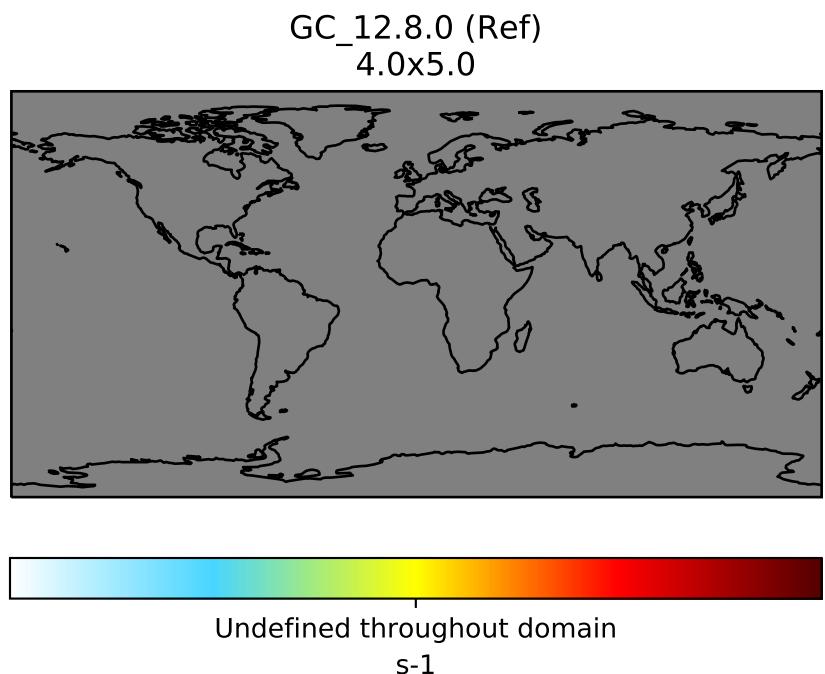


Undefined throughout domain
unitless

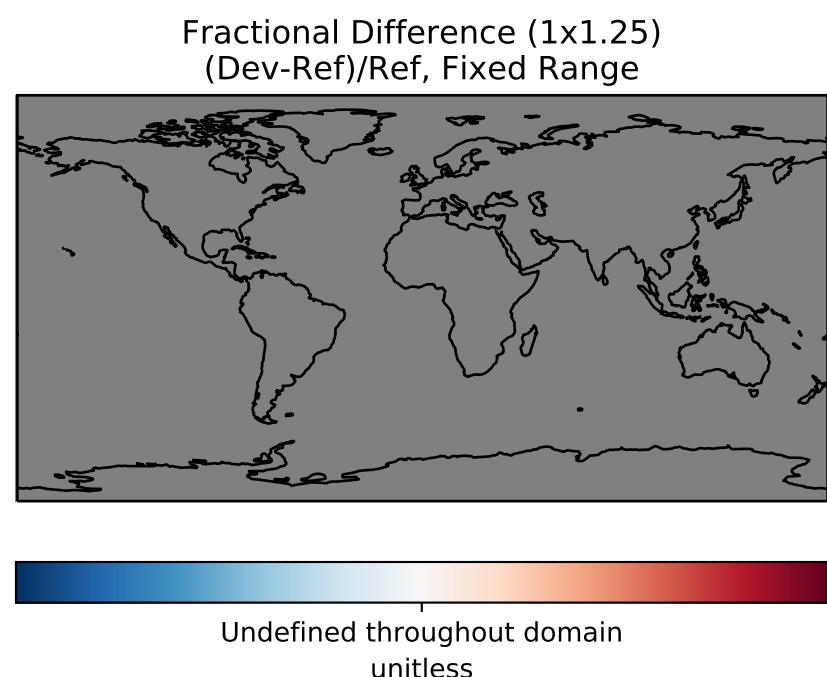
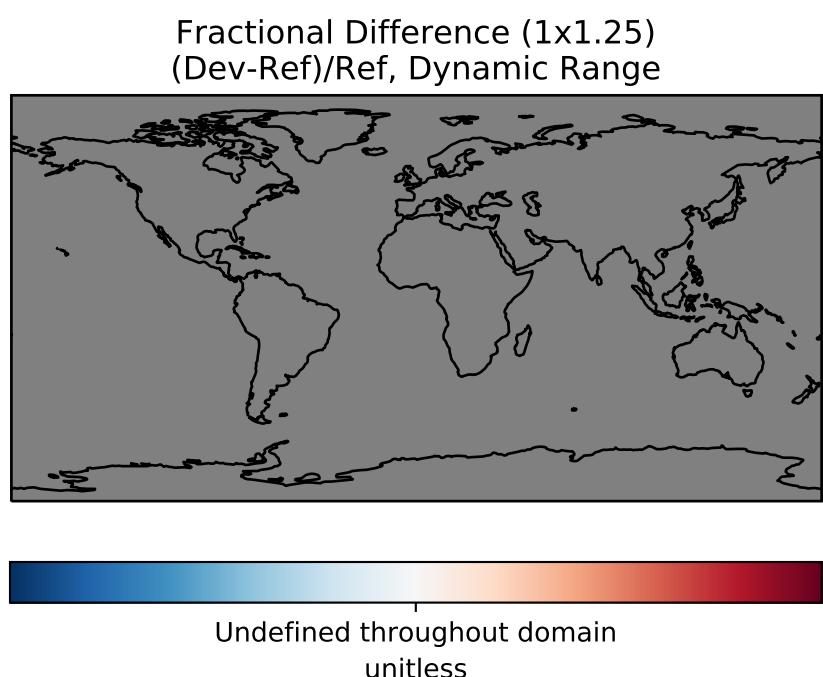
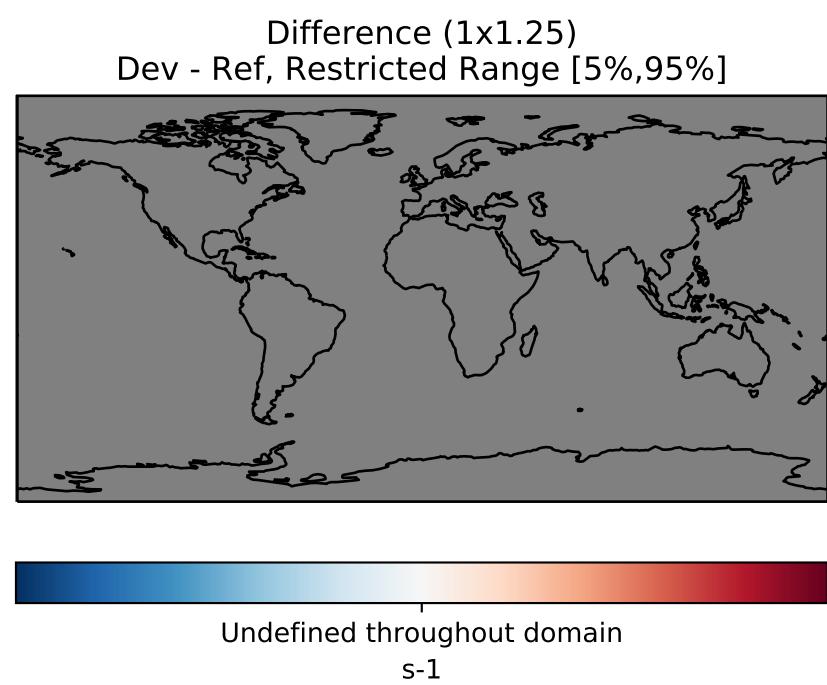
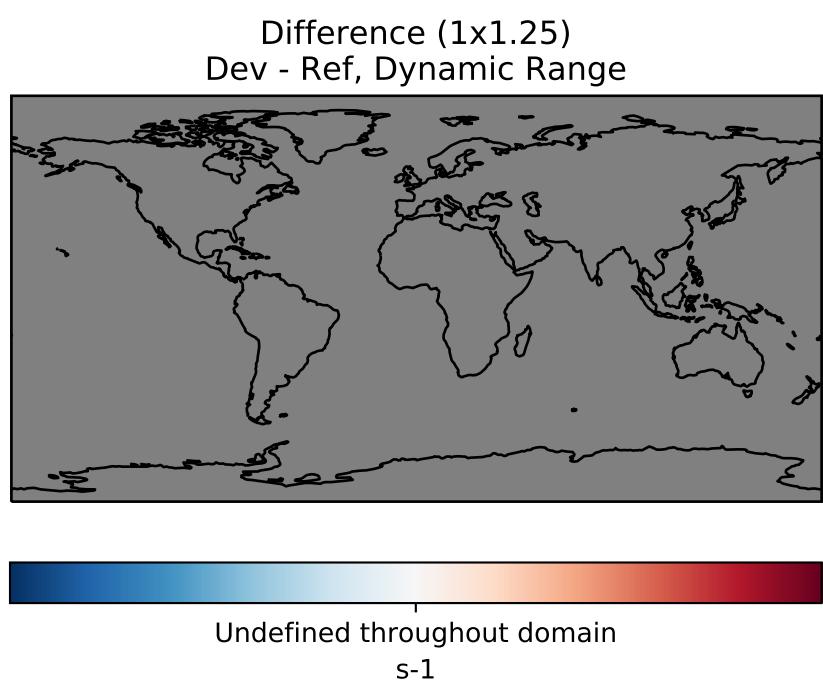
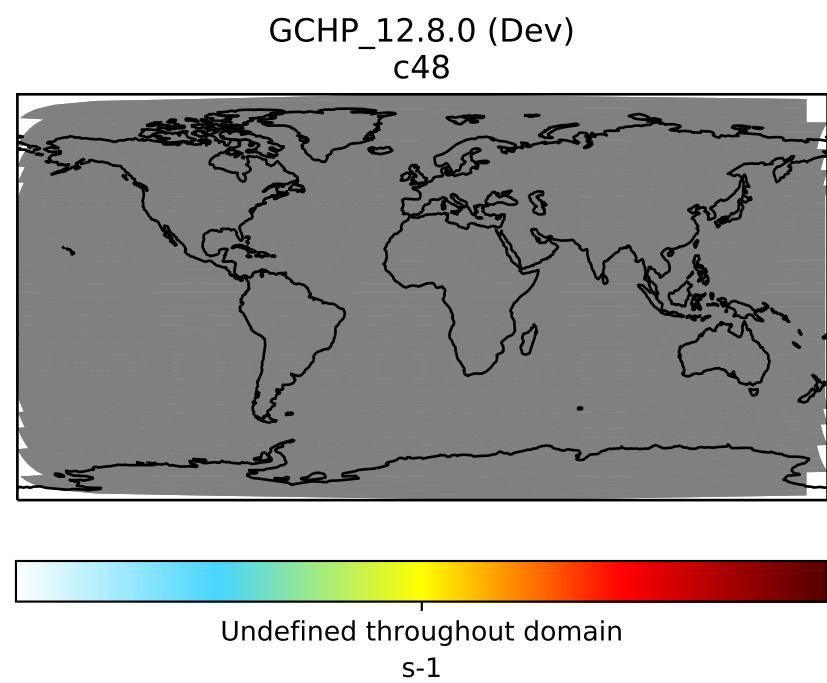
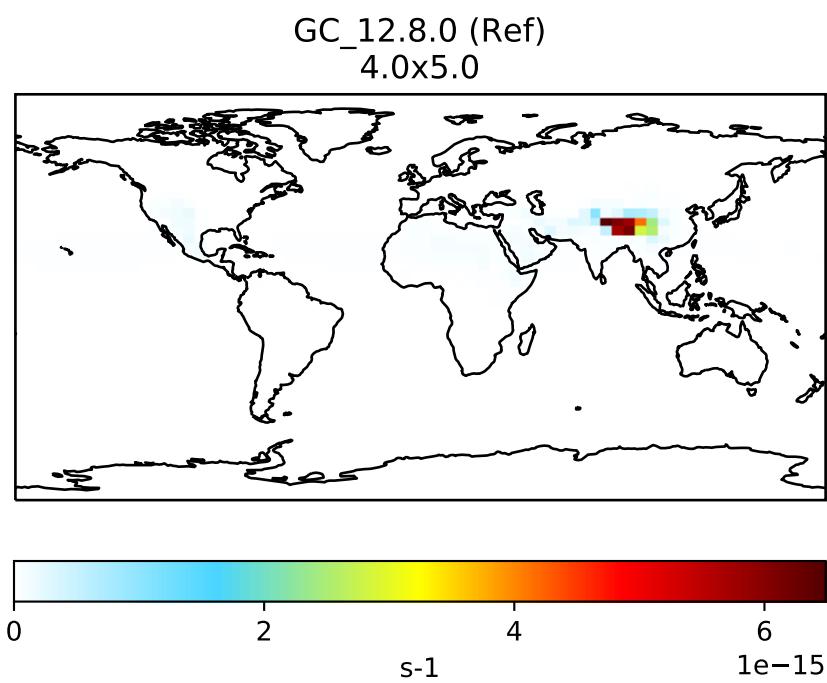
Jval_HCFC123



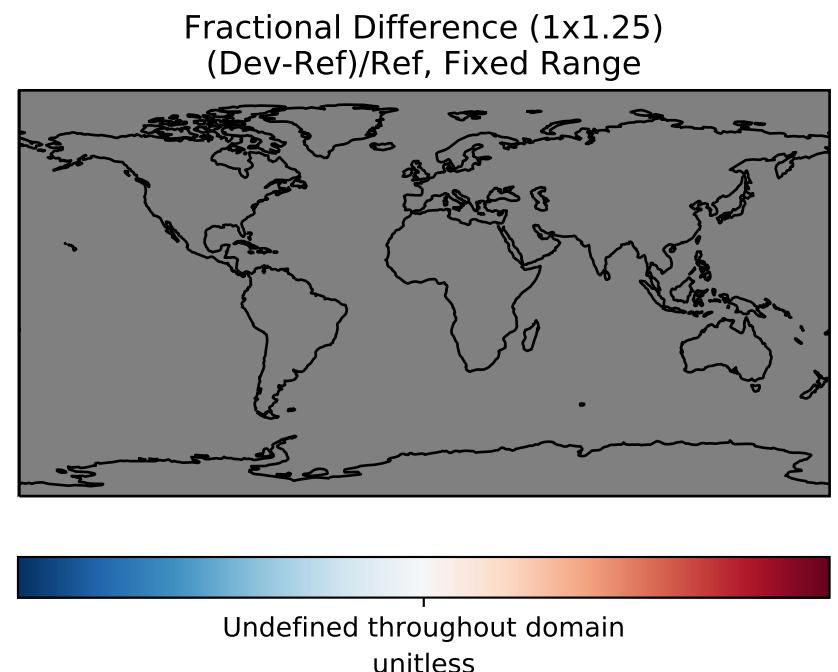
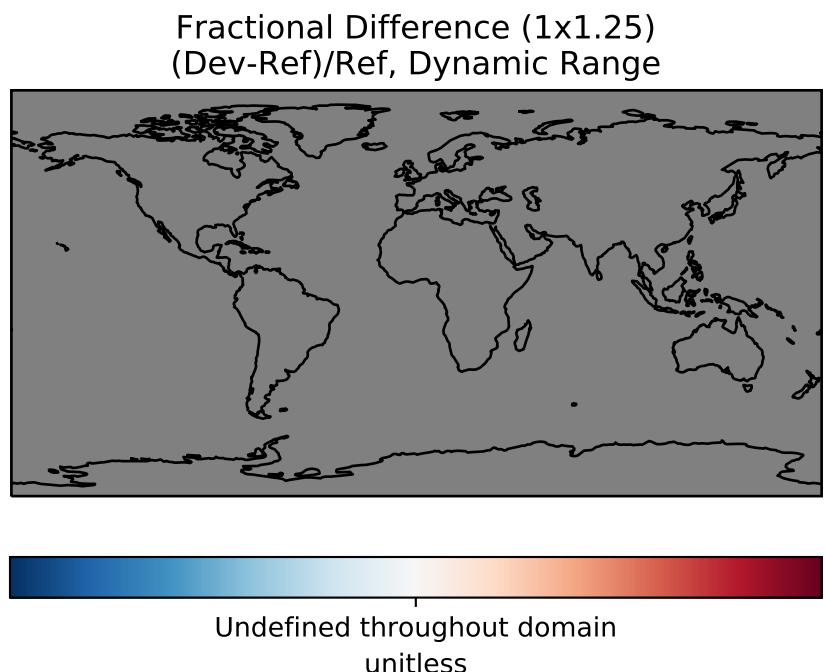
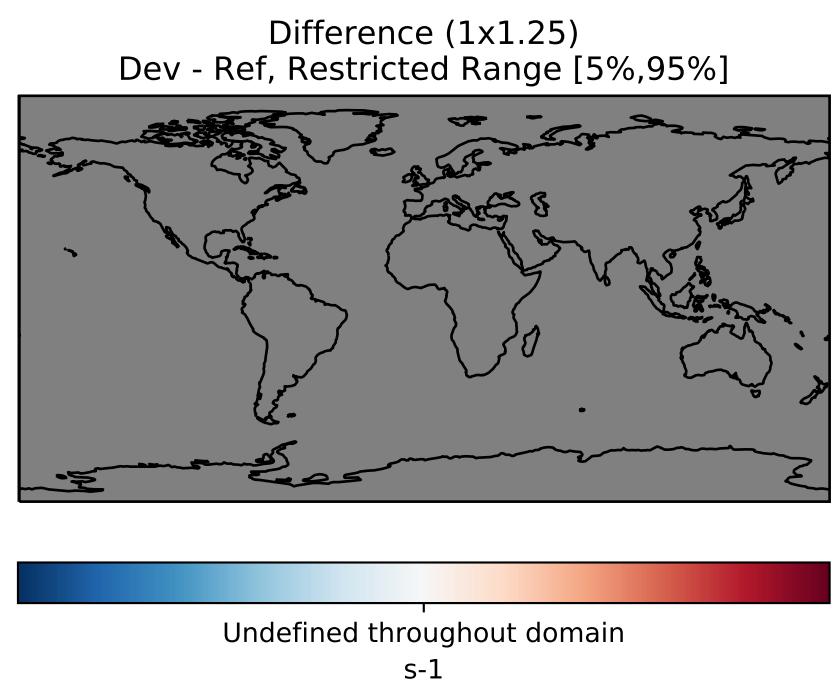
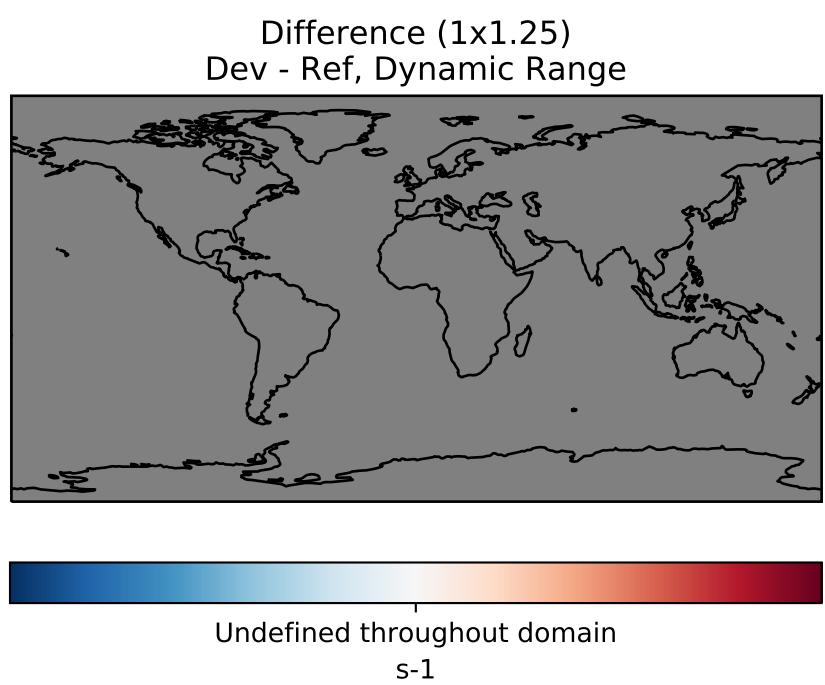
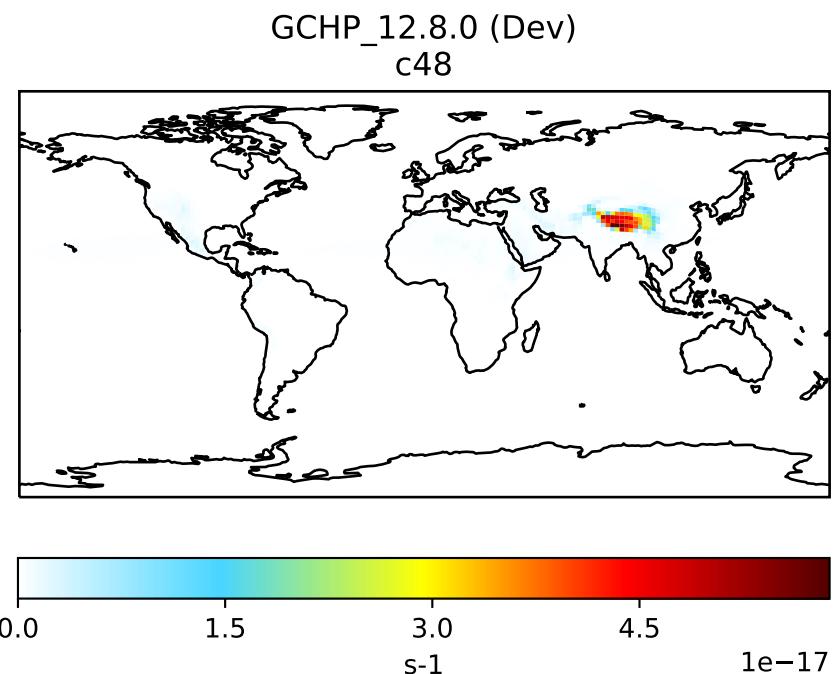
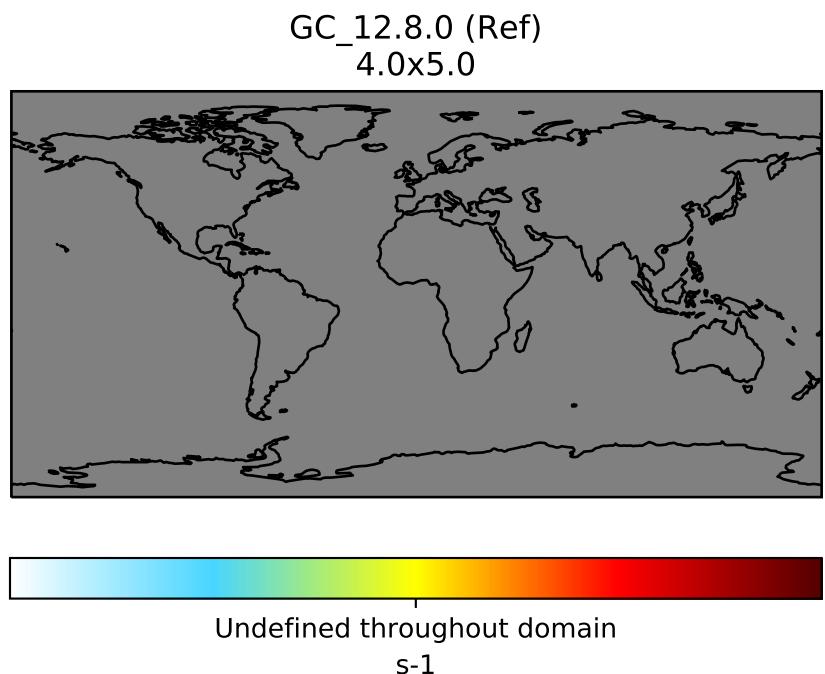
Jval_HCFC141B



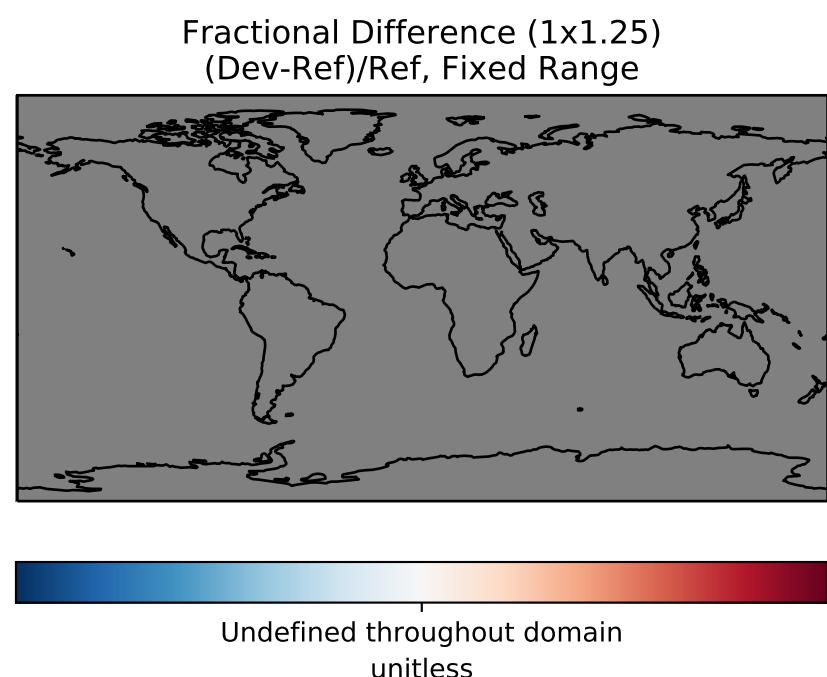
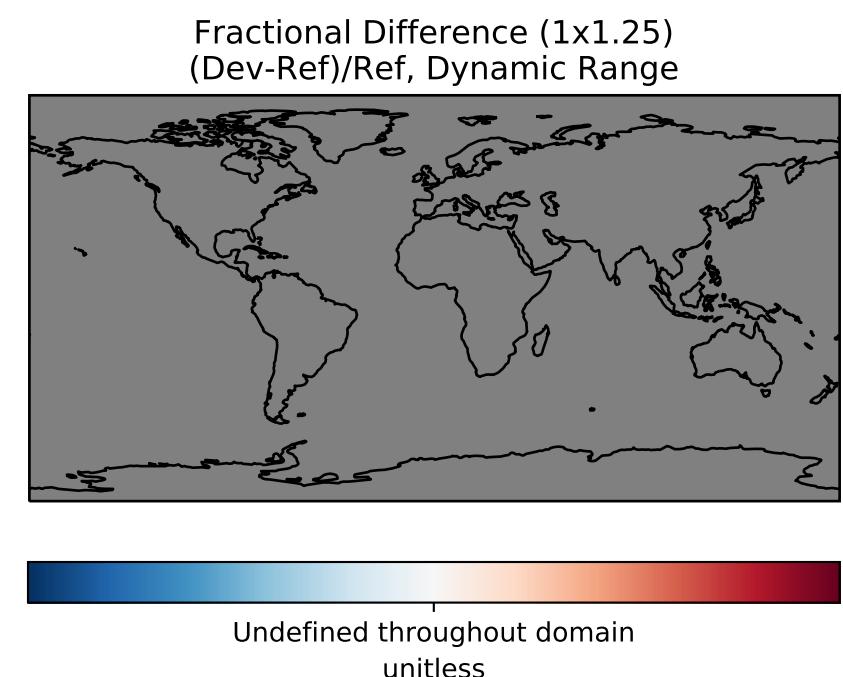
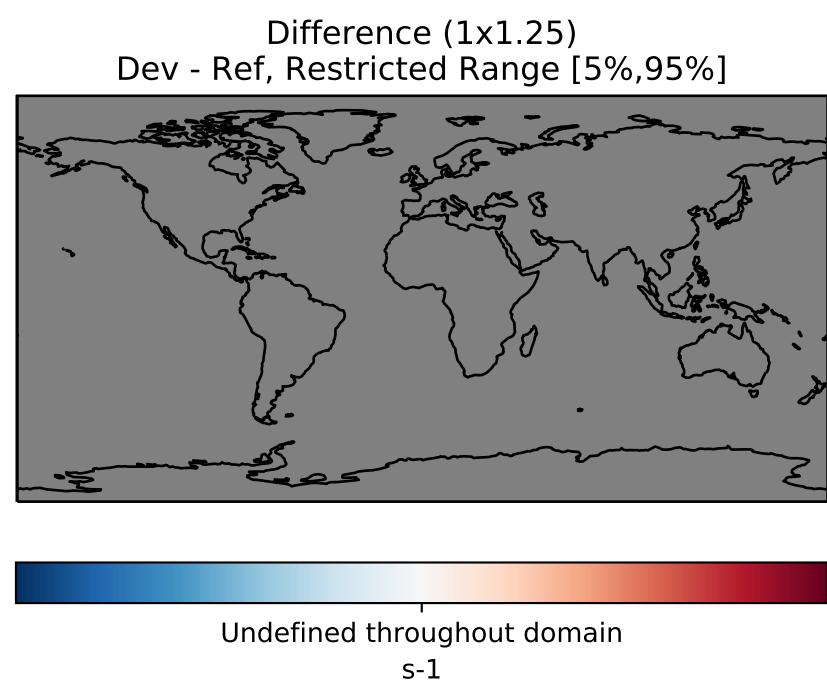
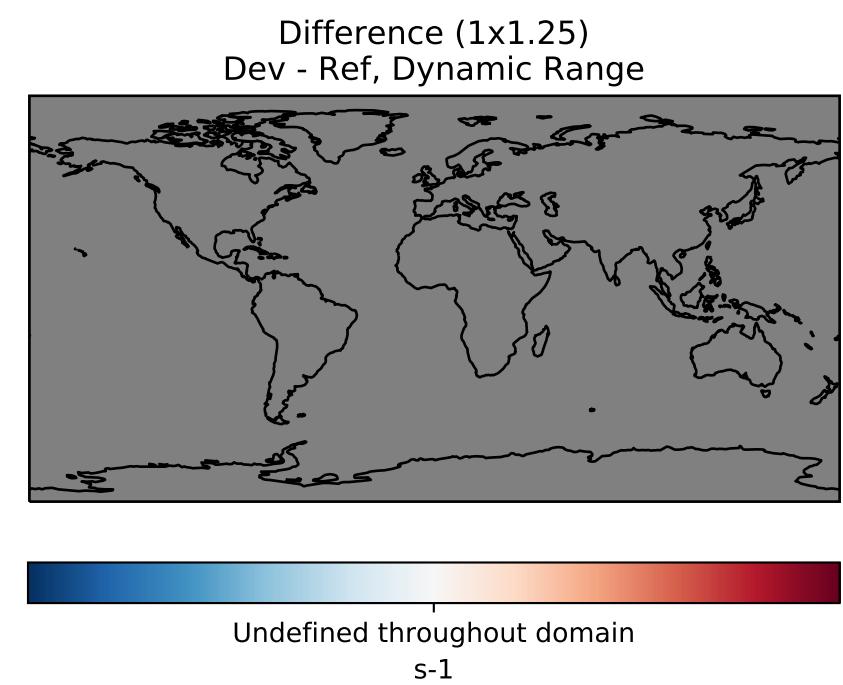
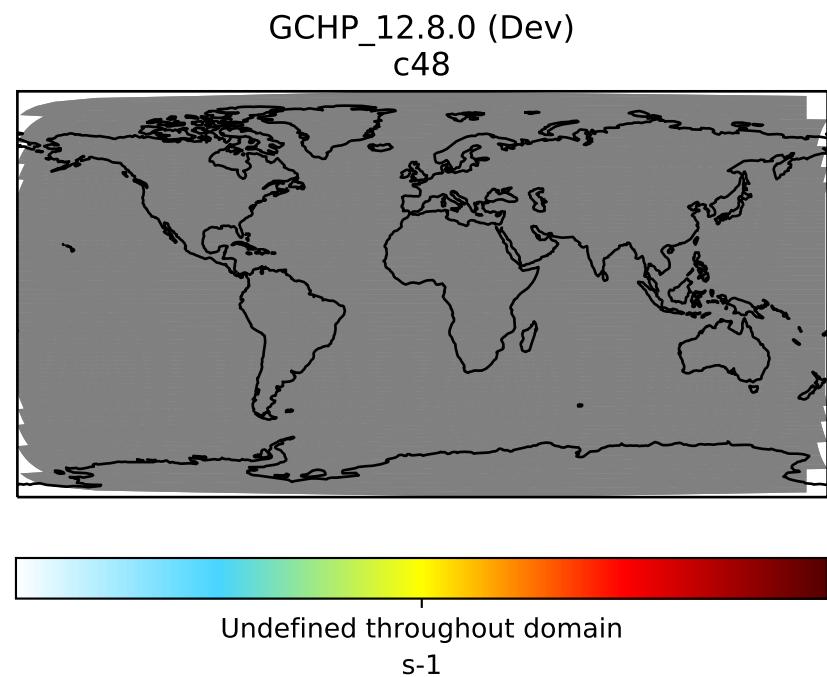
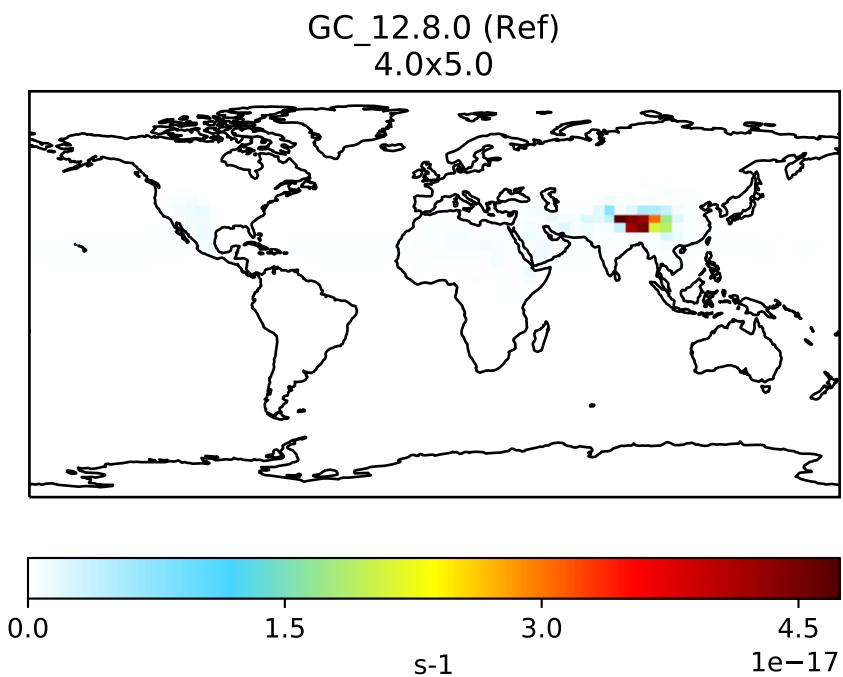
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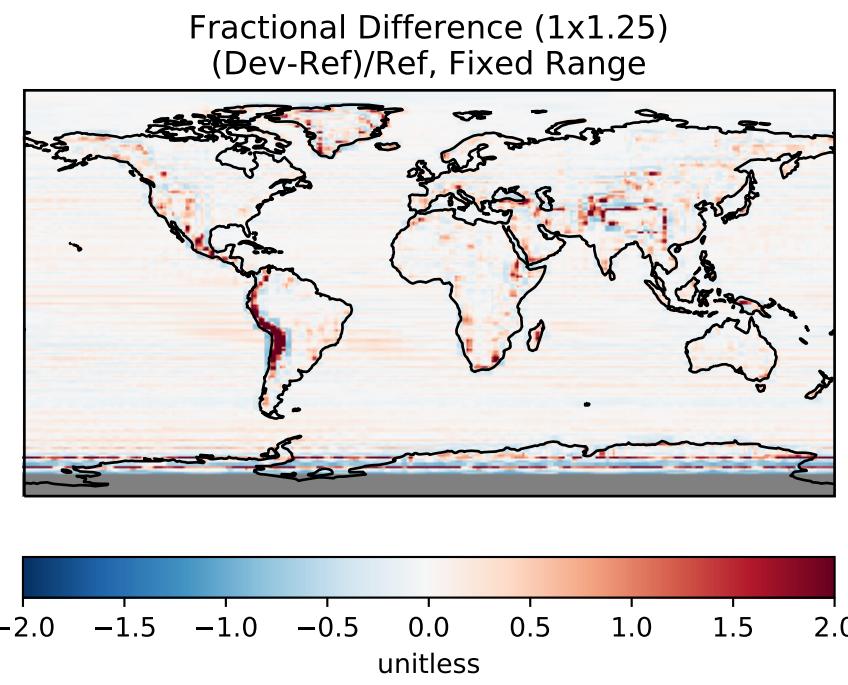
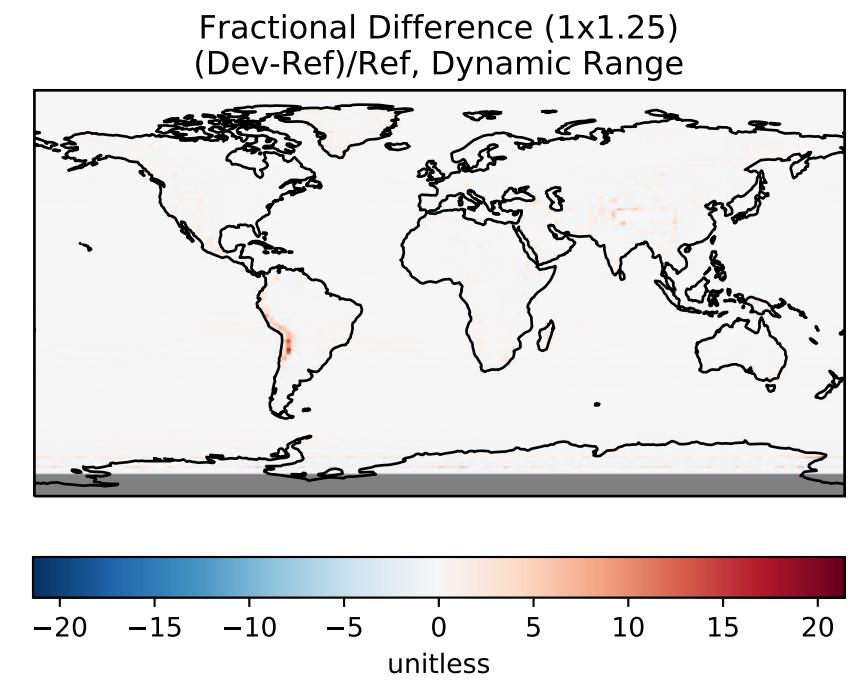
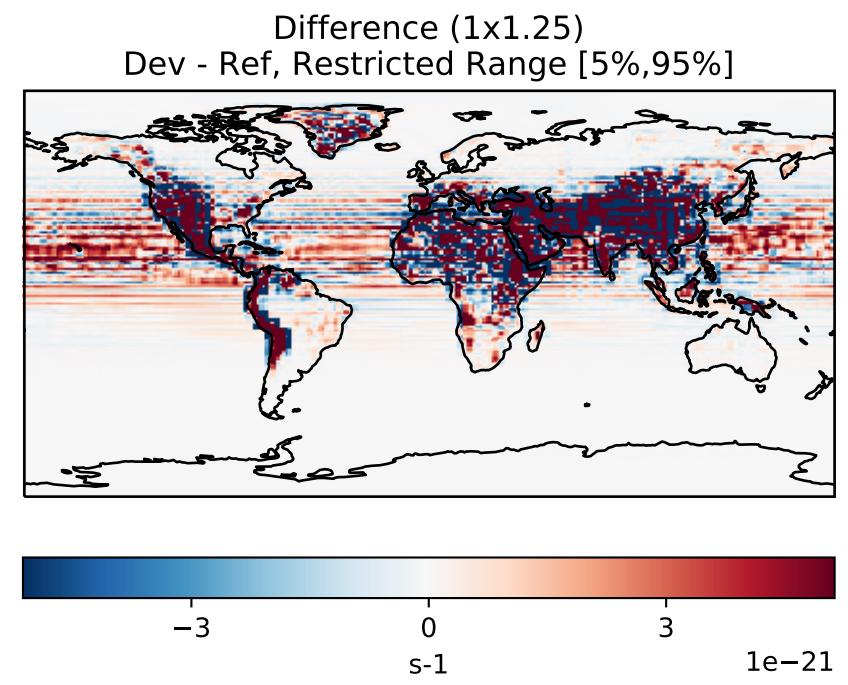
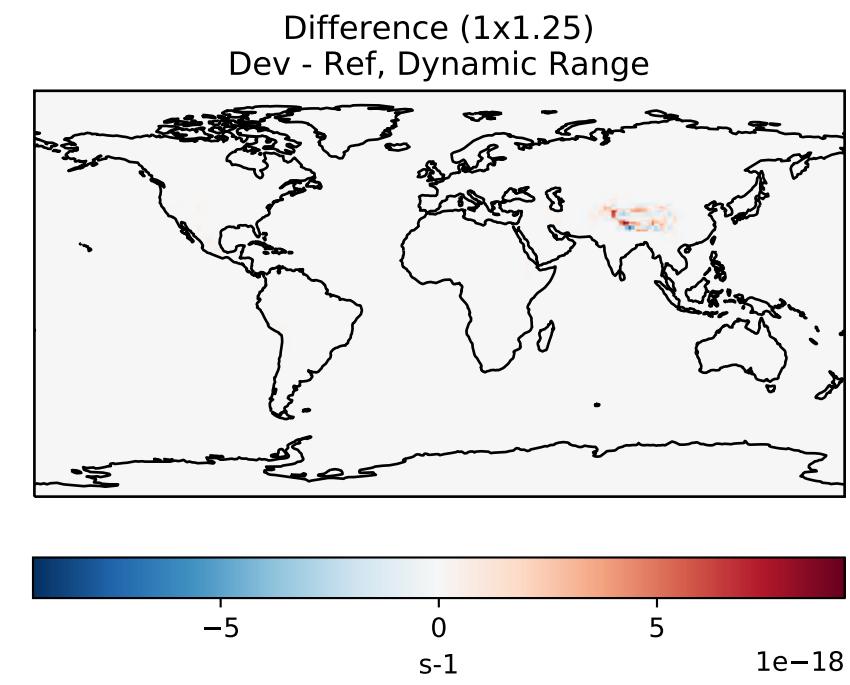
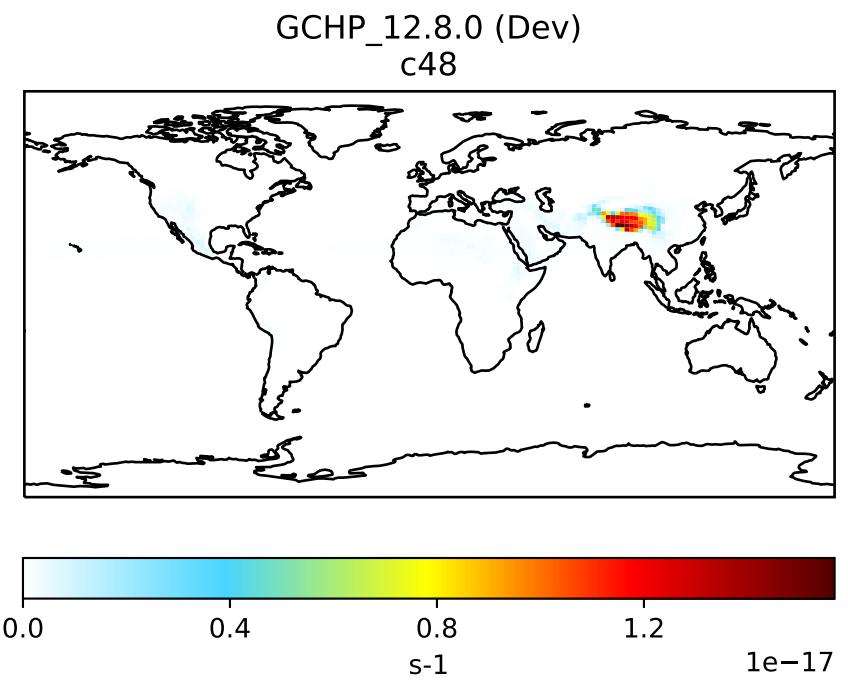
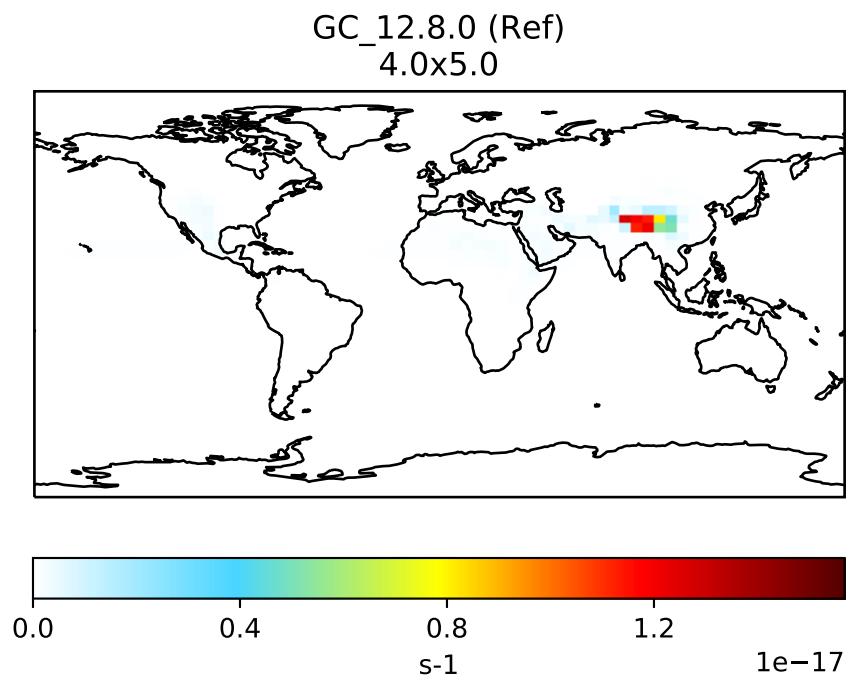
Jval_HCFC142B



Jval_HCFC142b

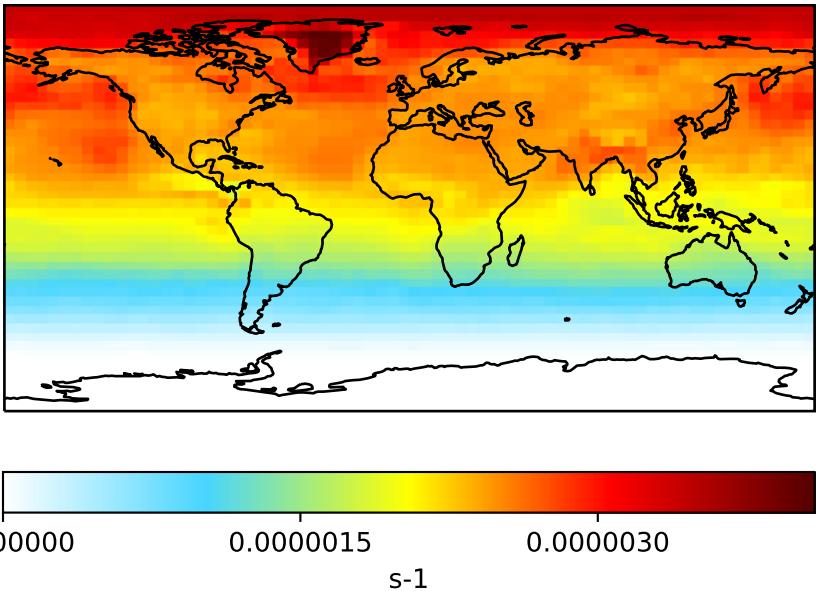


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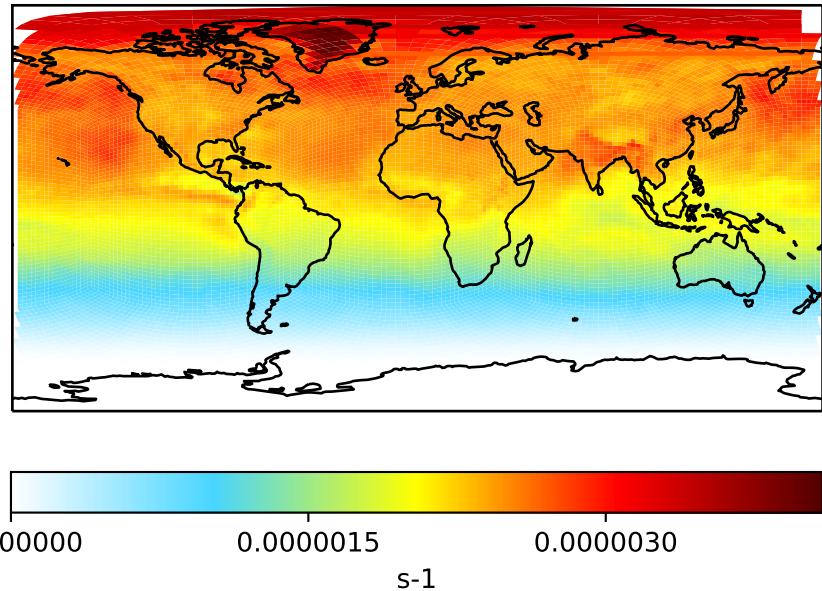


Jval_HMHP

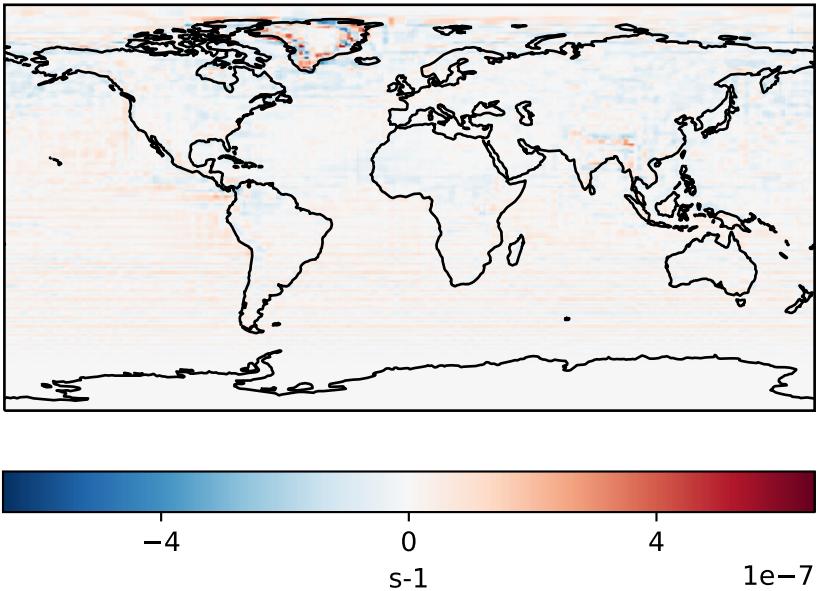
GC_12.8.0 (Ref)
4.0x5.0



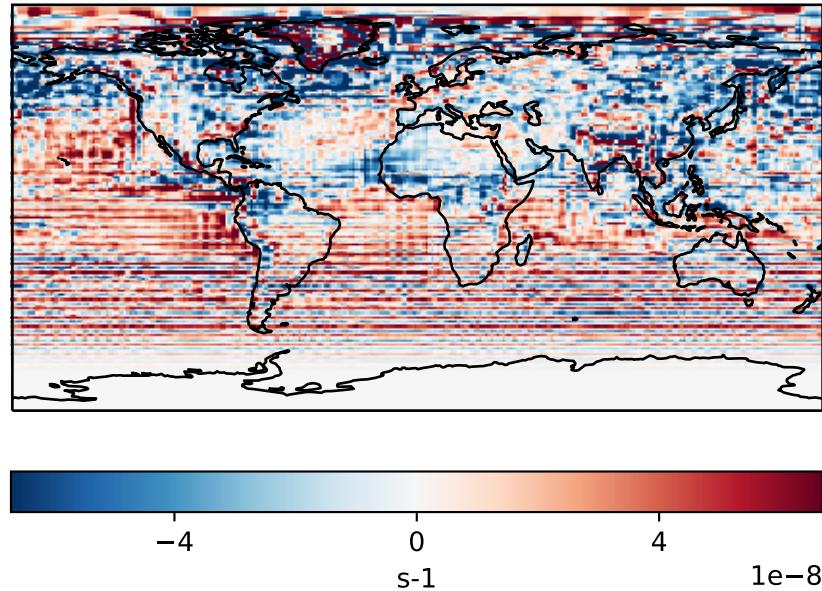
GCHP_12.8.0 (Dev)
c48



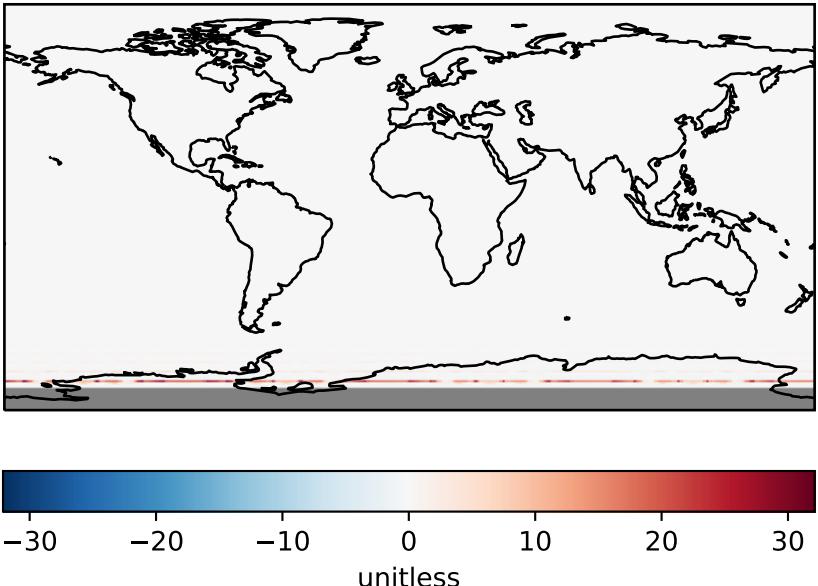
Difference (1x1.25)
Dev - Ref, Dynamic Range



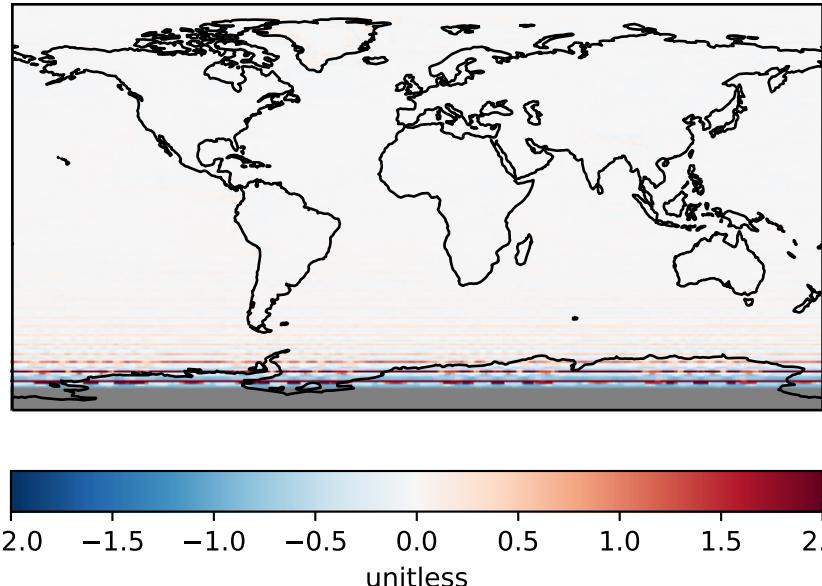
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

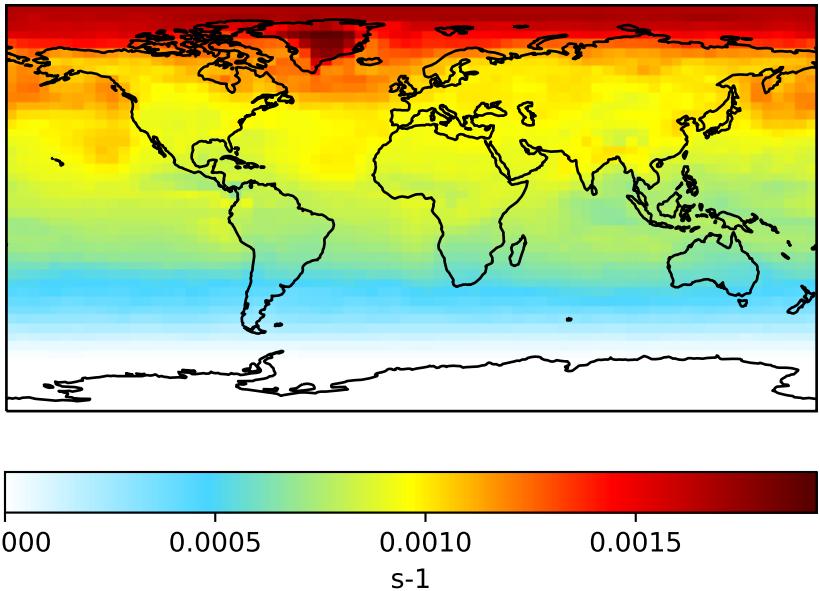


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

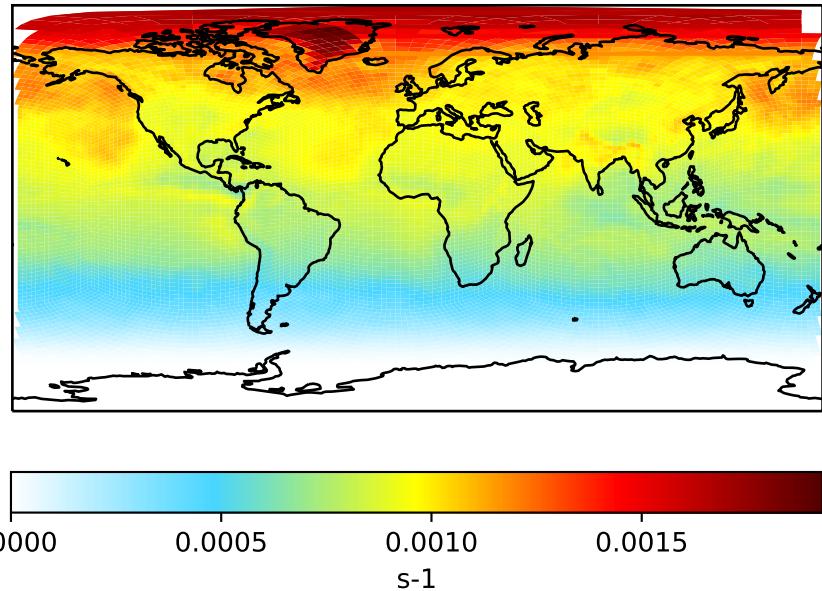


Jval_HNO2

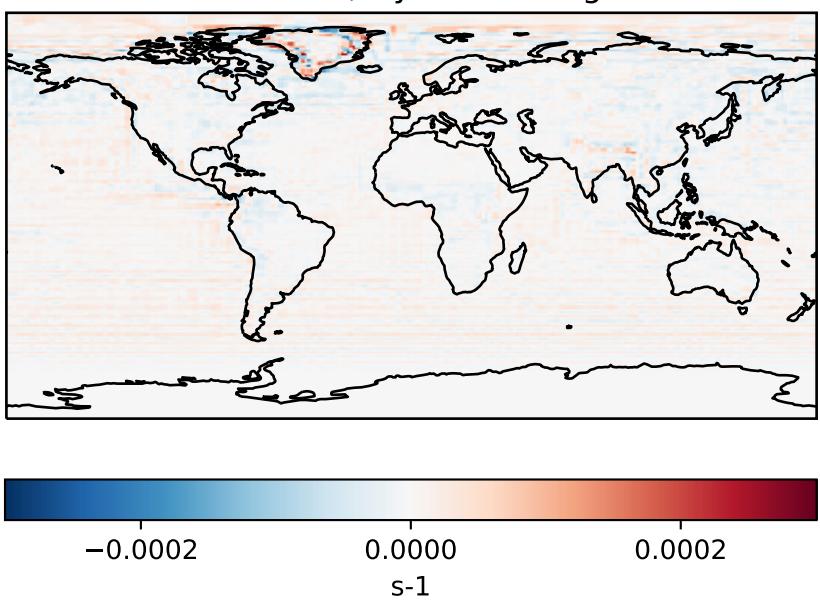
GC_12.8.0 (Ref)
4.0x5.0



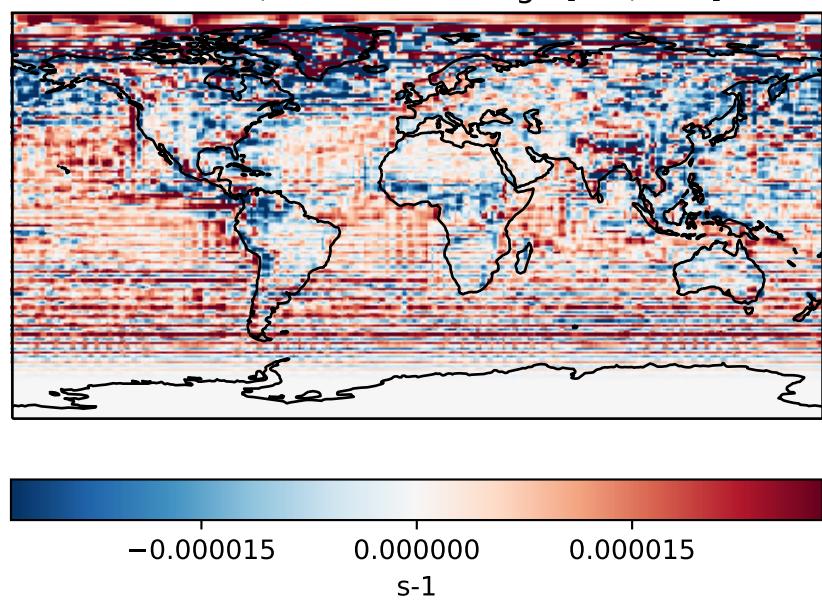
GCHP_12.8.0 (Dev)
c48



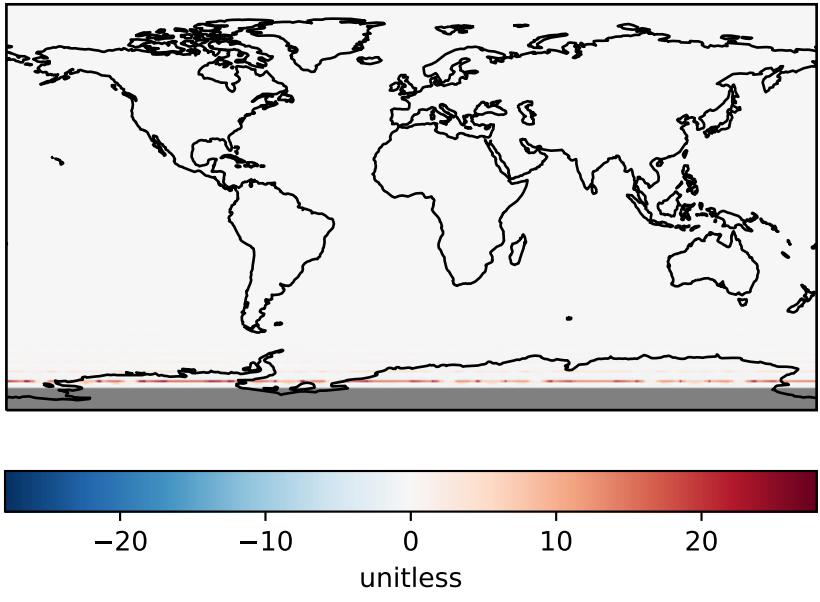
Difference (1x1.25)
Dev - Ref, Dynamic Range



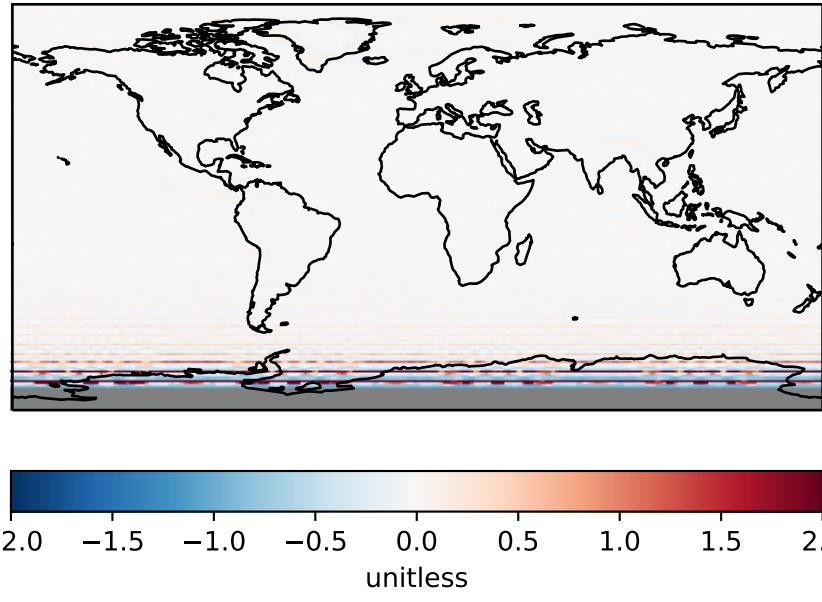
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

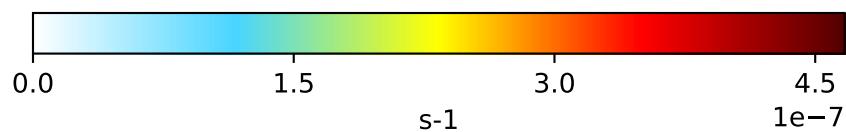
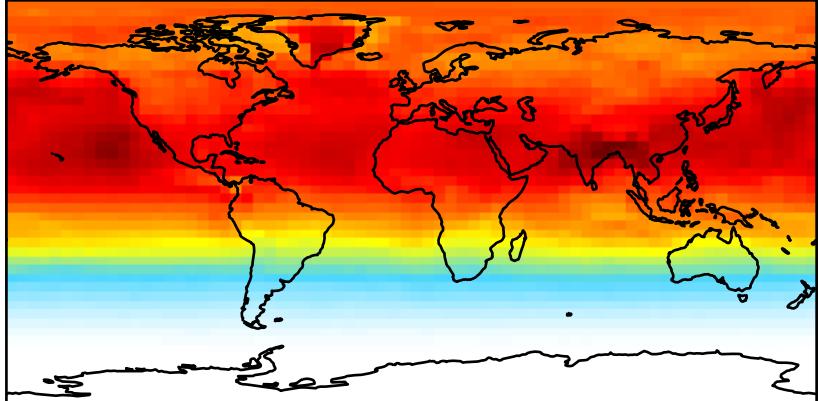


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

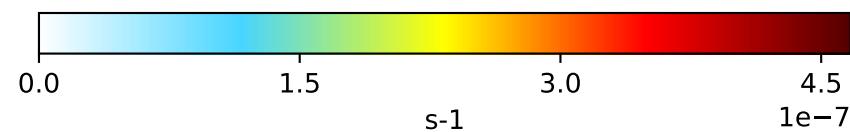
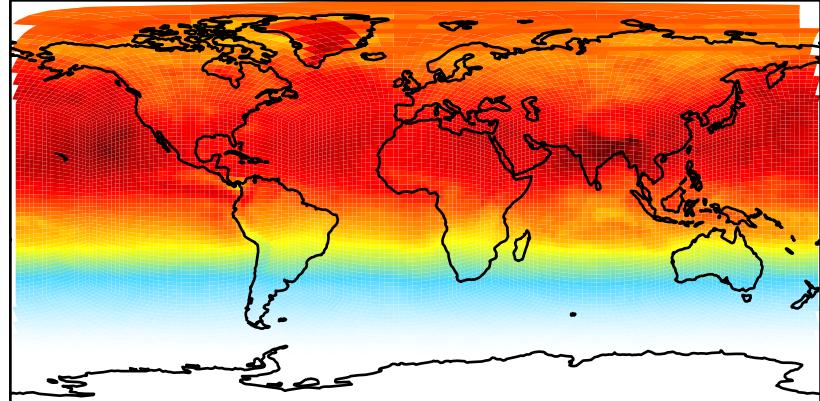


Jval_HNO3

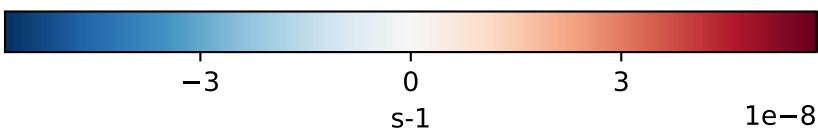
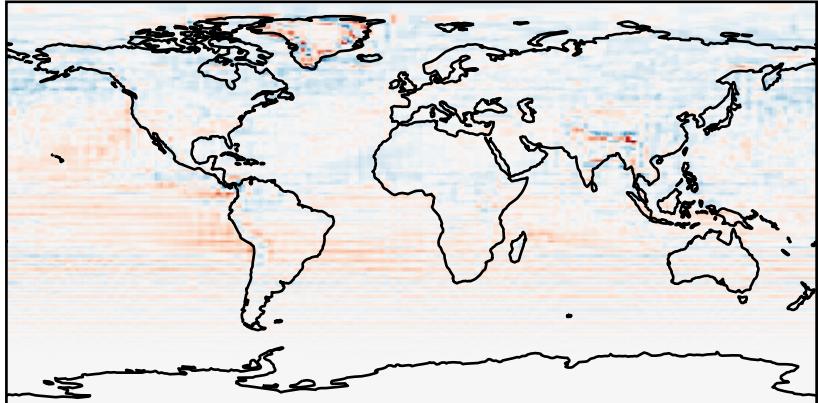
GC_12.8.0 (Ref)
4.0x5.0



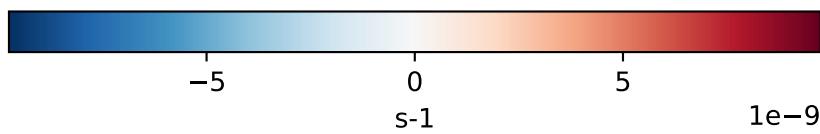
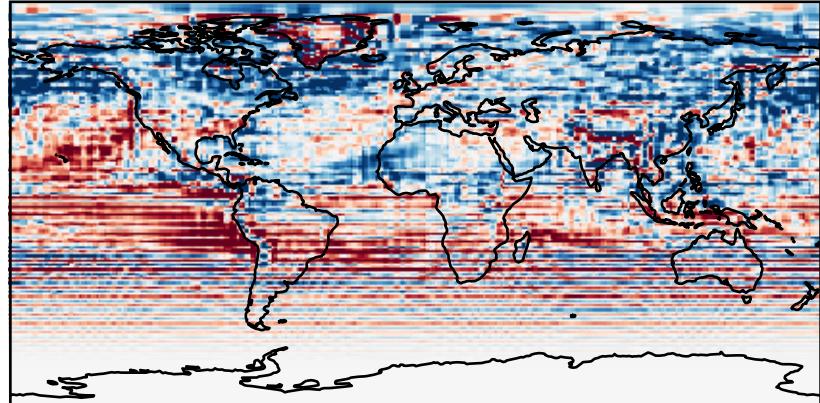
GCHP_12.8.0 (Dev)
c48



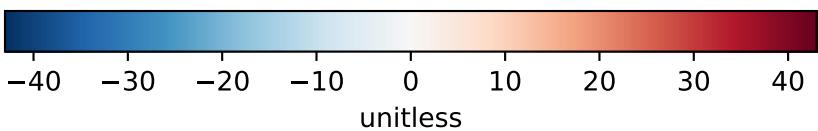
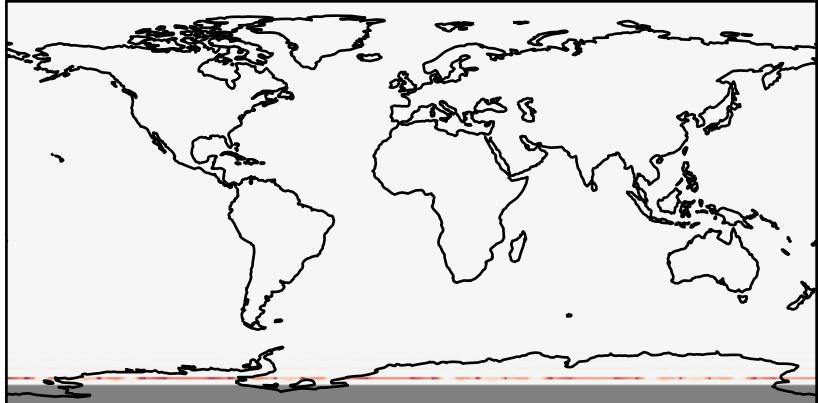
Difference (1x1.25)
Dev - Ref, Dynamic Range



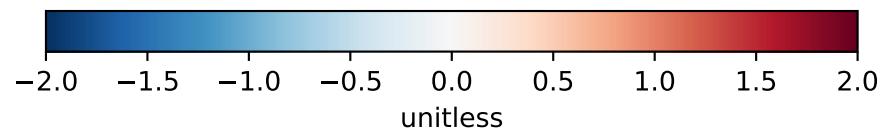
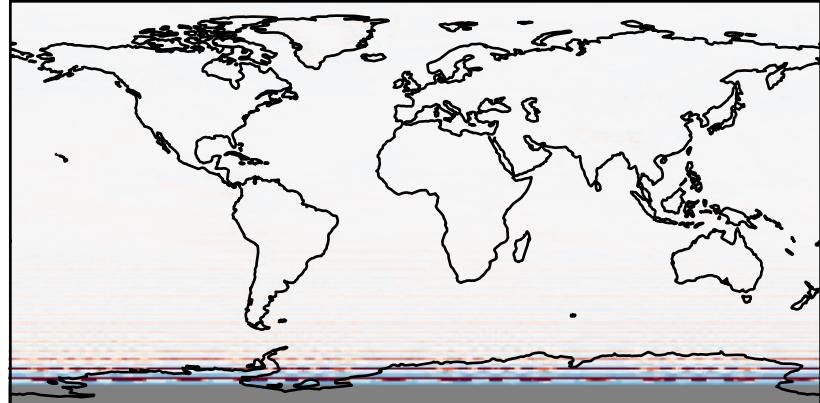
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



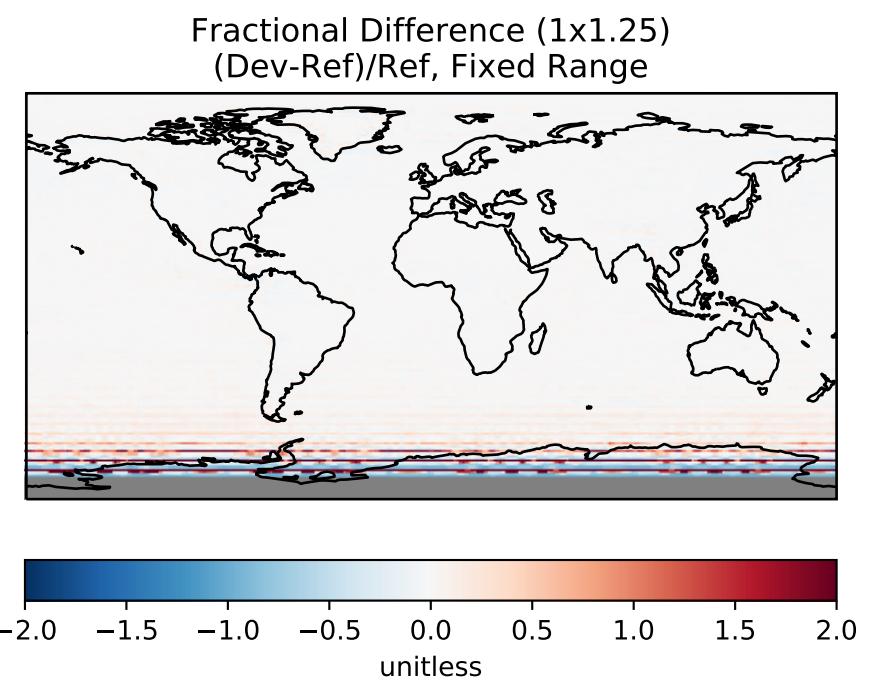
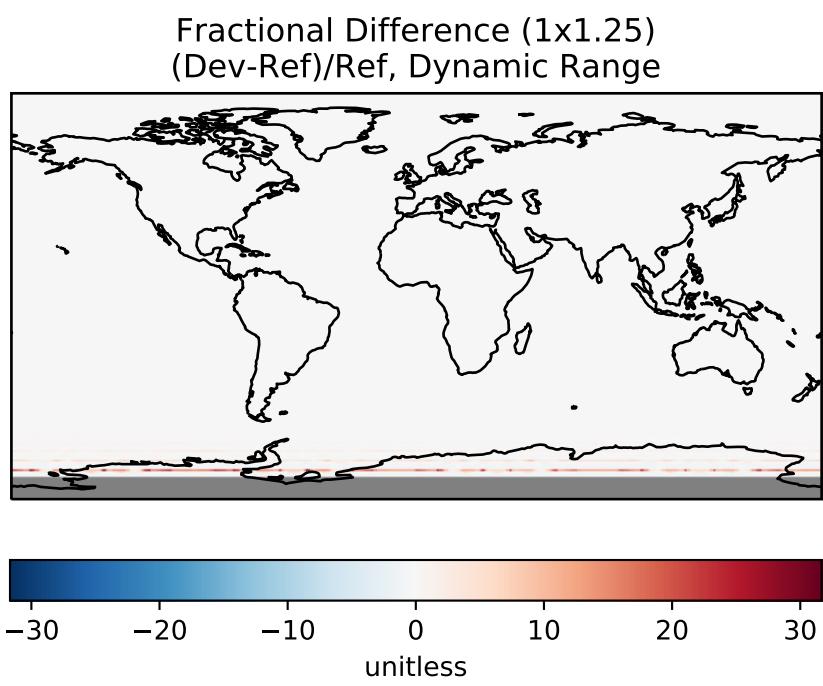
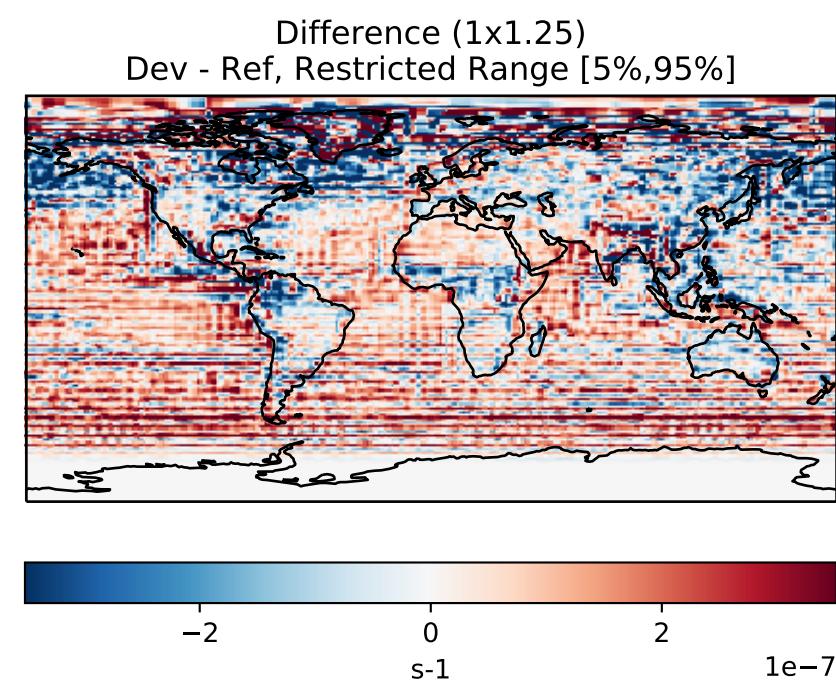
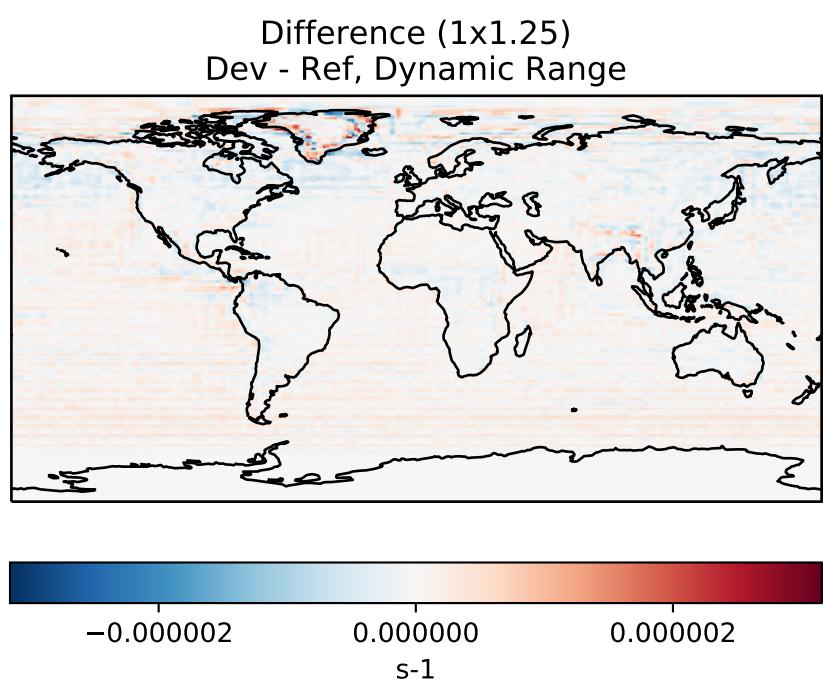
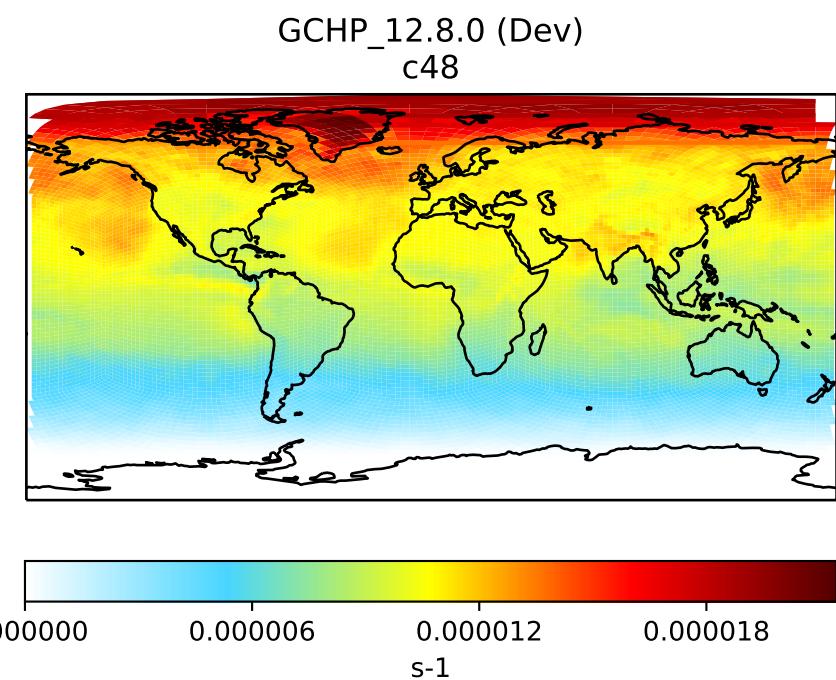
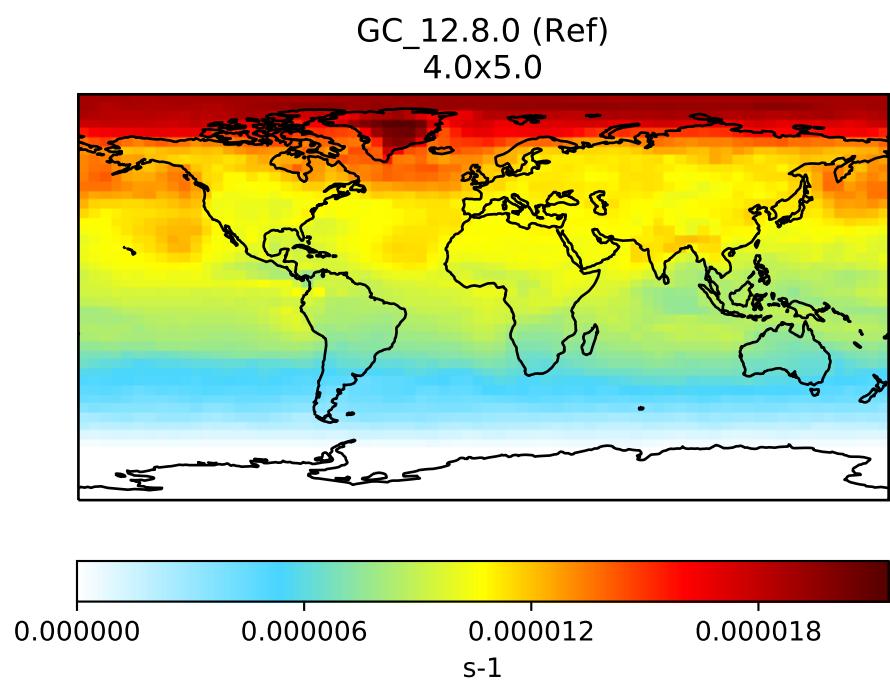
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



Jval_HNO4



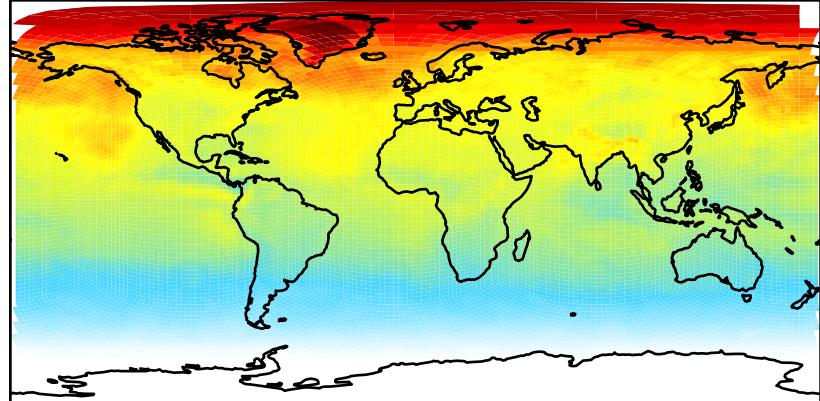
Jval_HOBR

GC_12.8.0 (Ref)
4.0x5.0



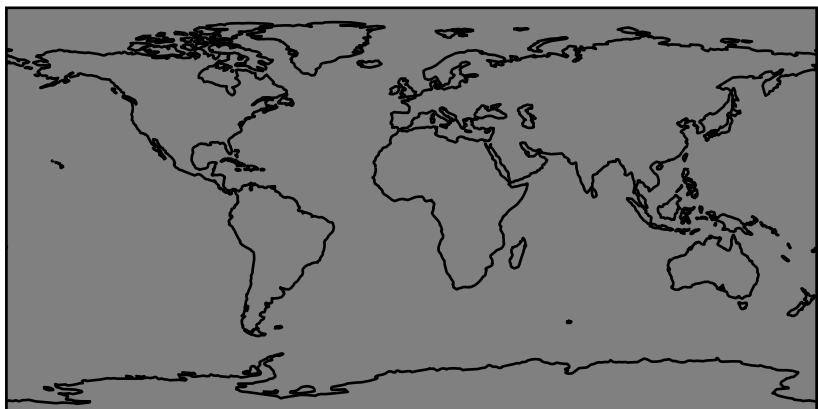
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s-1

GCHP_12.8.0 (Dev)
c48



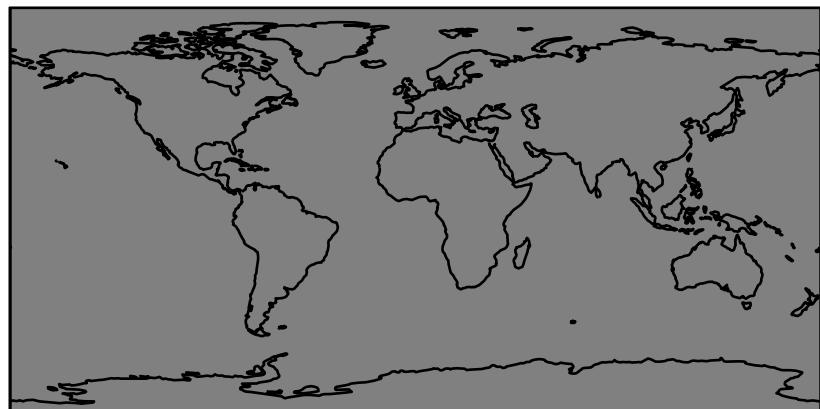
0.0000 0.0008 0.0016 0.0024
s-1

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



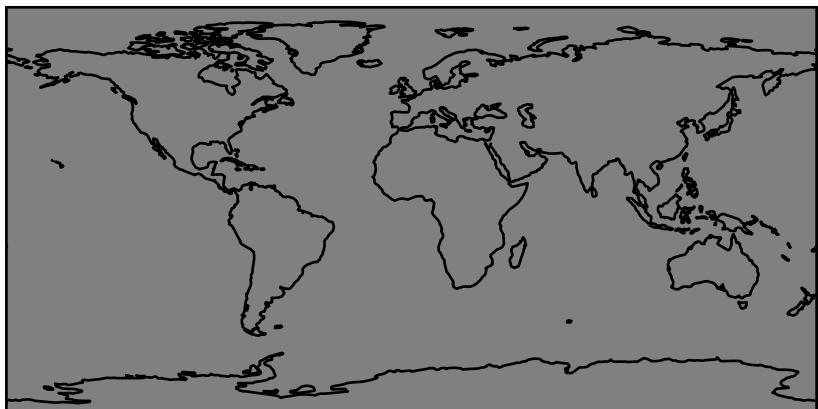
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s-1

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



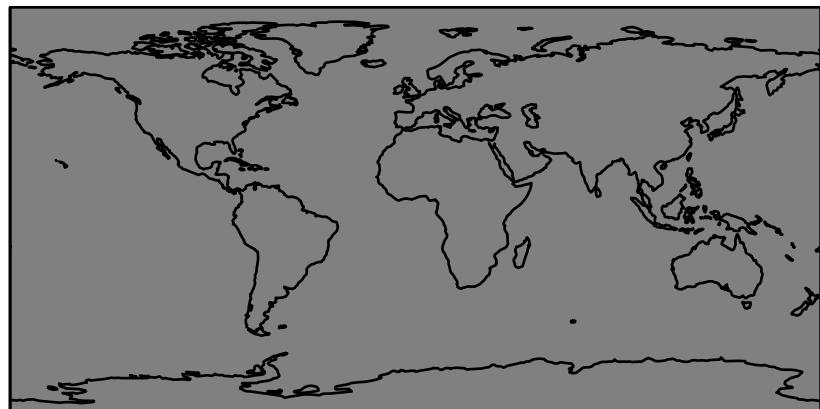
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s-1

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



Undefined throughout domain
unitless

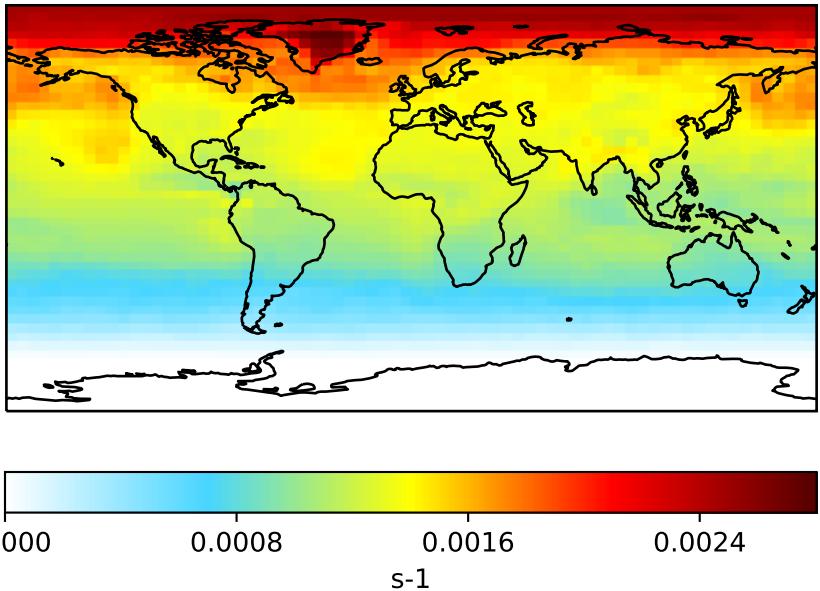
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



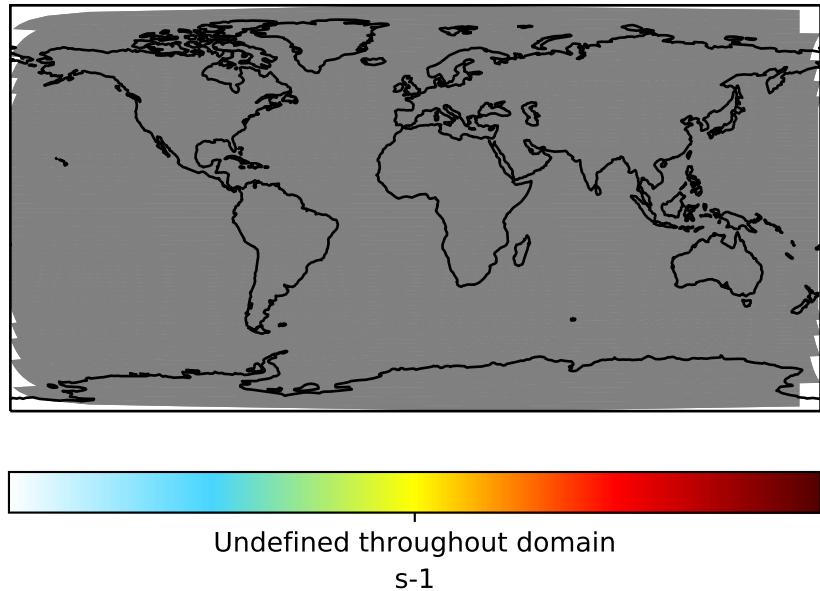
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unitless

Jval_HOBr

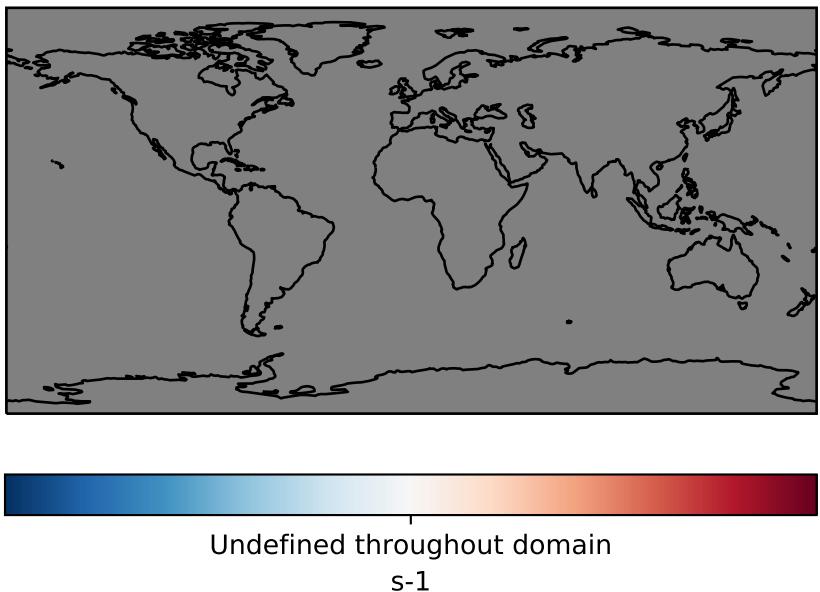
GC_12.8.0 (Ref)
4.0x5.0



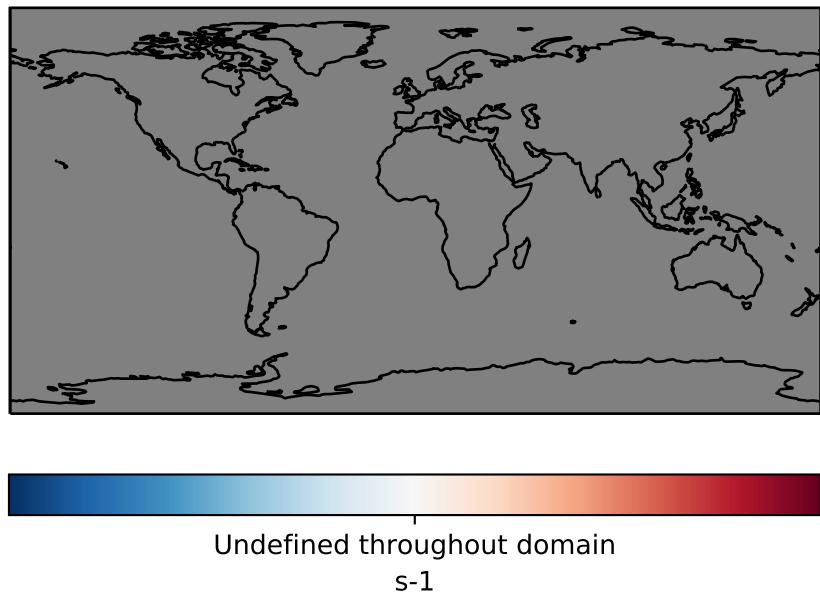
GCHP_12.8.0 (Dev)
c48



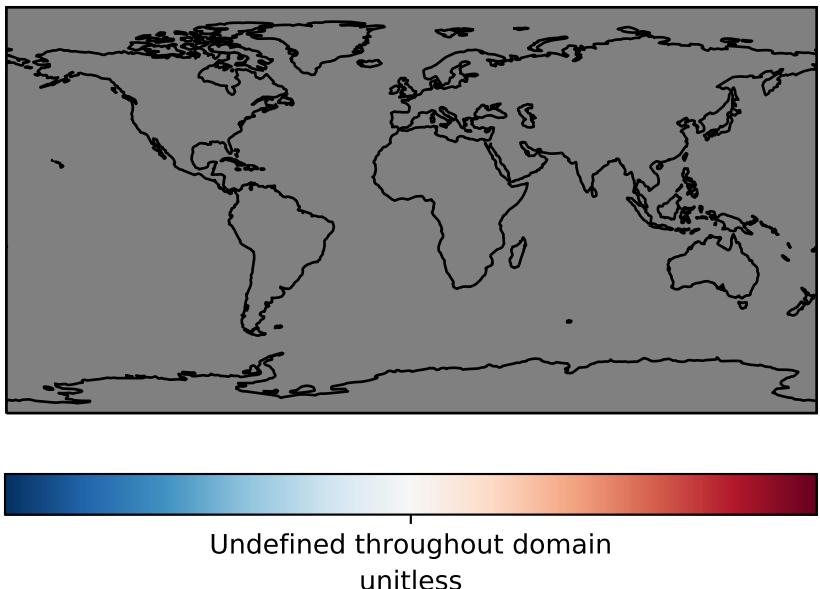
Difference (1x1.25)
Dev - Ref, Dynamic Range



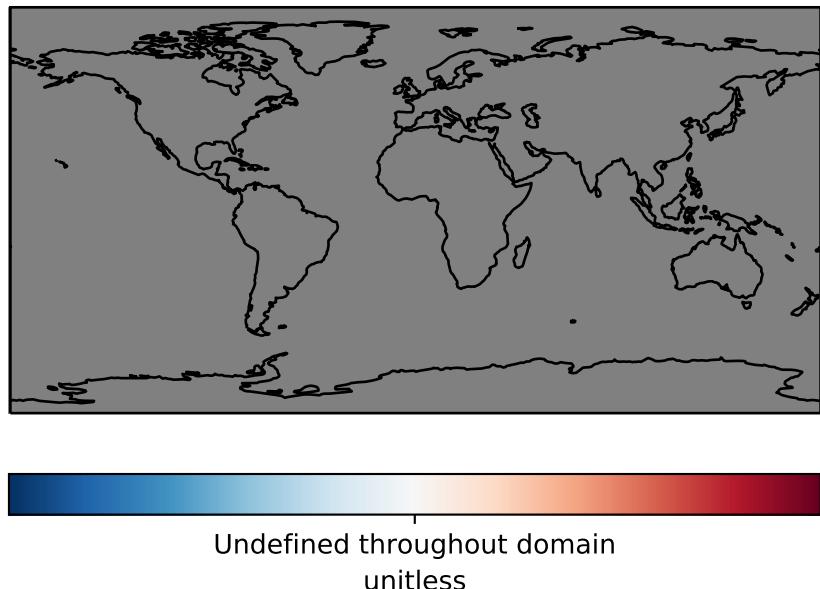
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

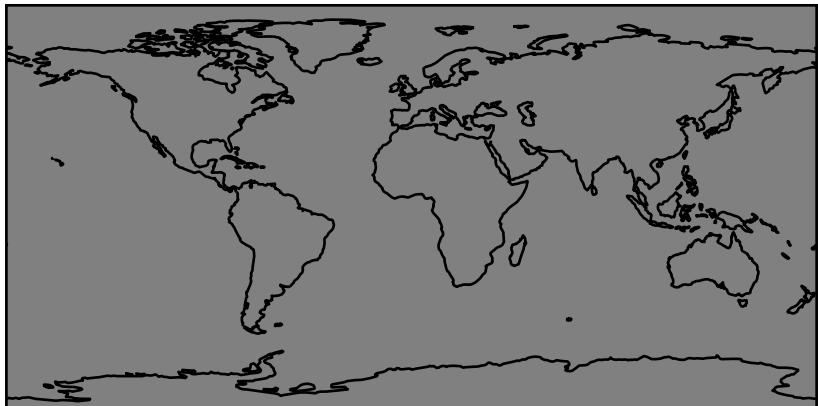


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



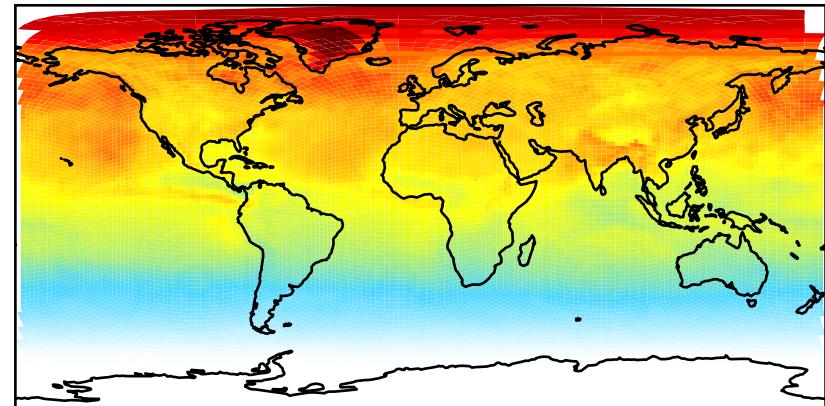
Jval_HOCL

GC_12.8.0 (Ref)
4.0x5.0



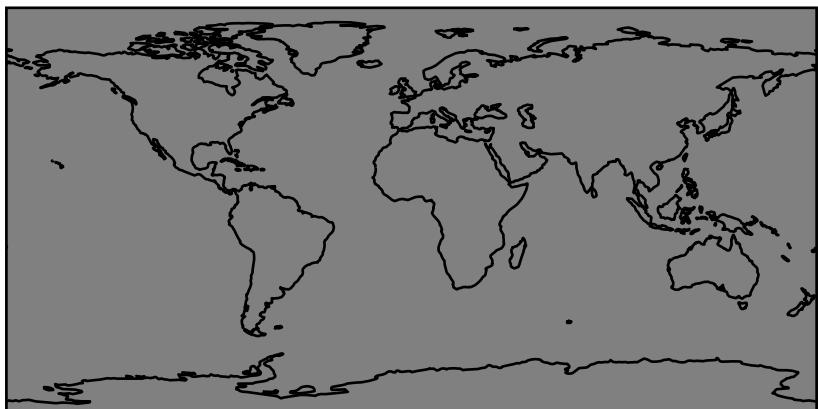
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s-1

GCHP_12.8.0 (Dev)
c48



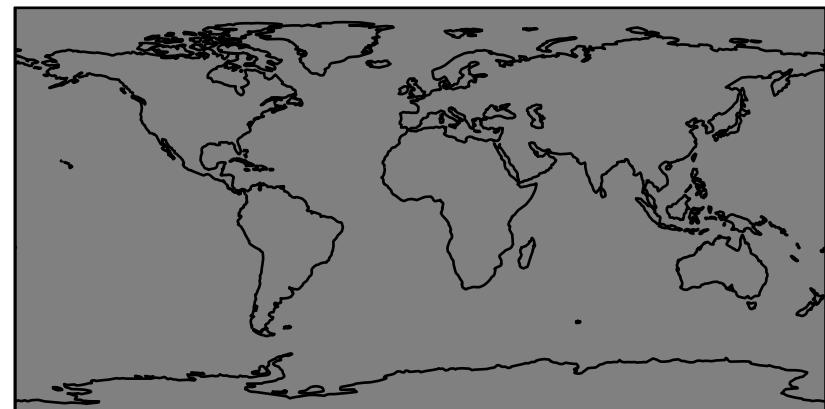
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s-1

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



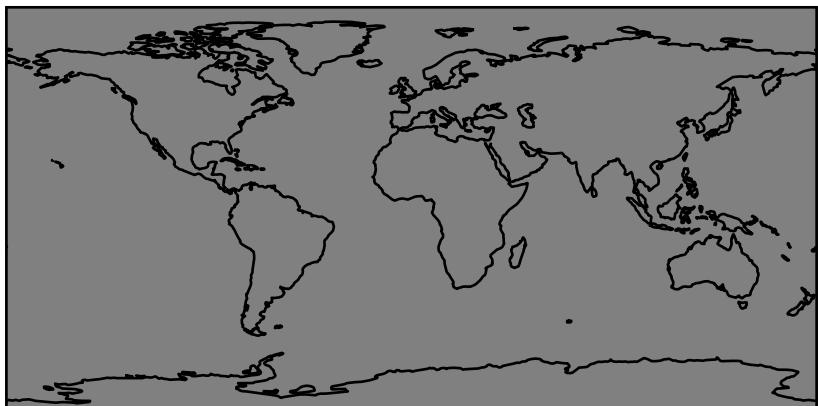
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s-1

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



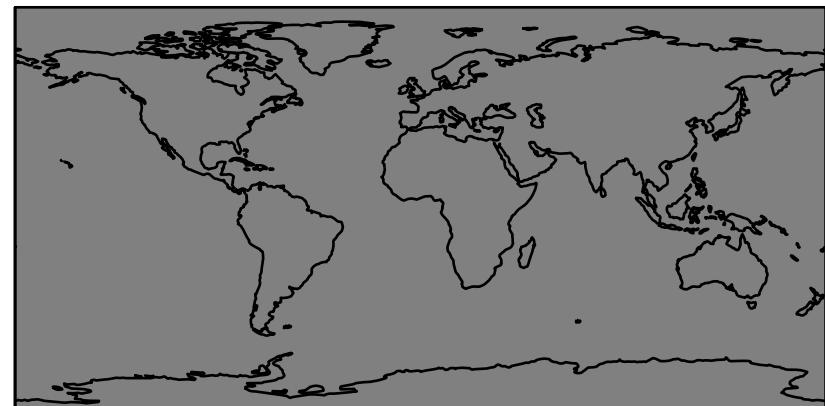
Undefined throughout domain
s-1

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



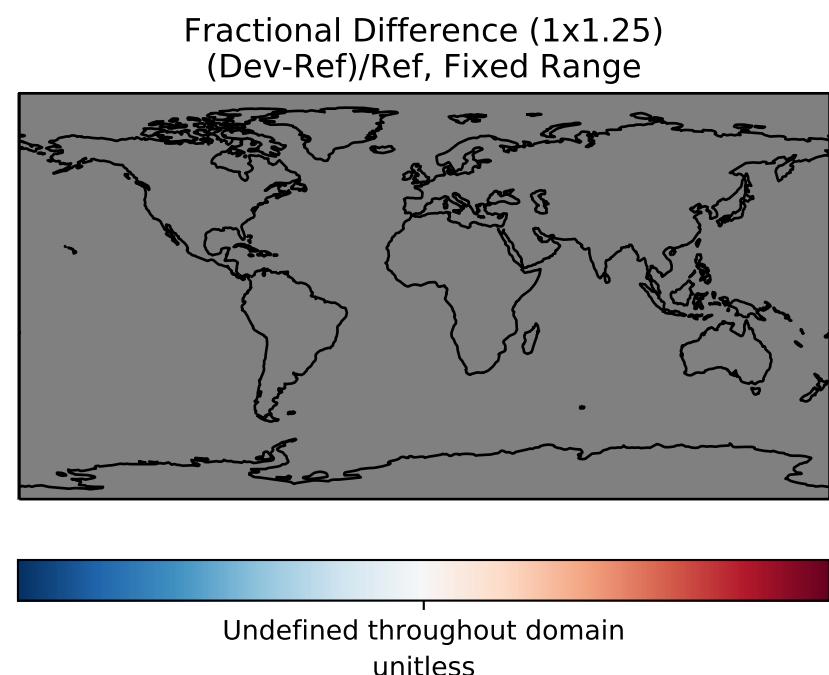
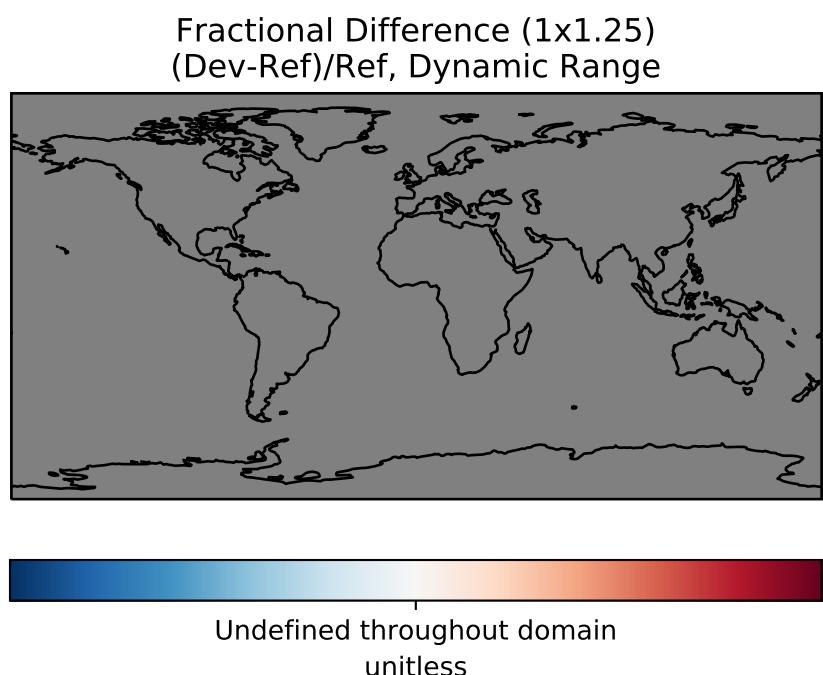
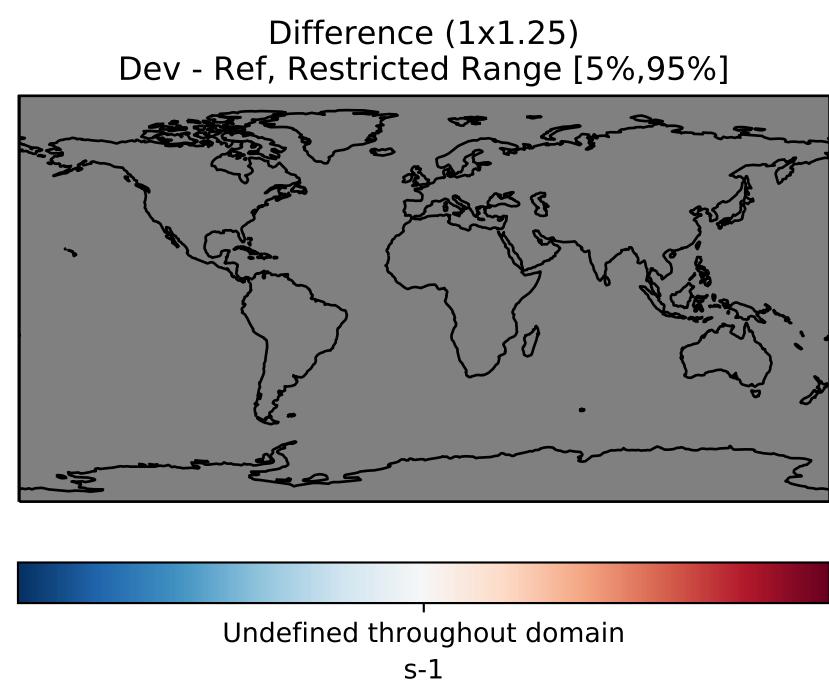
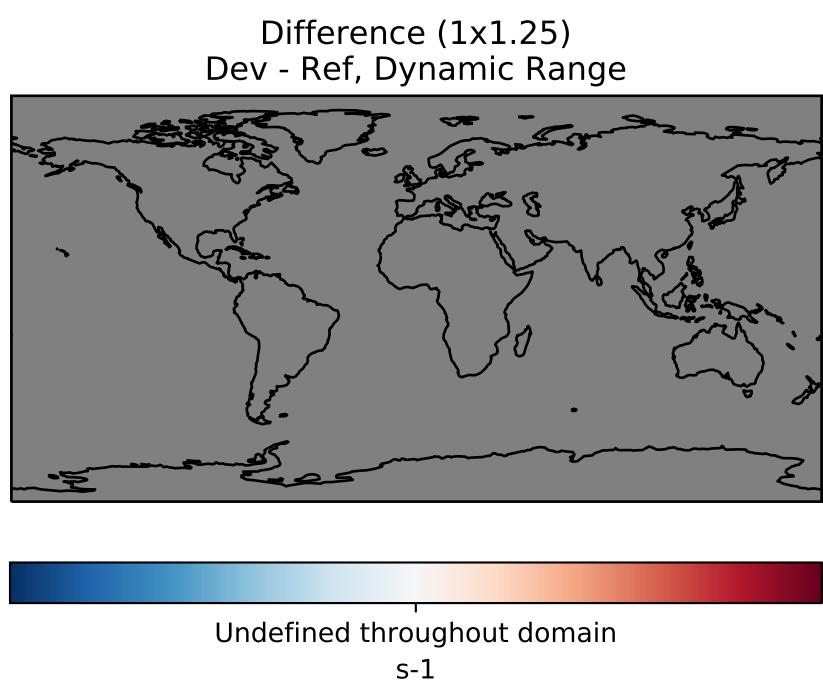
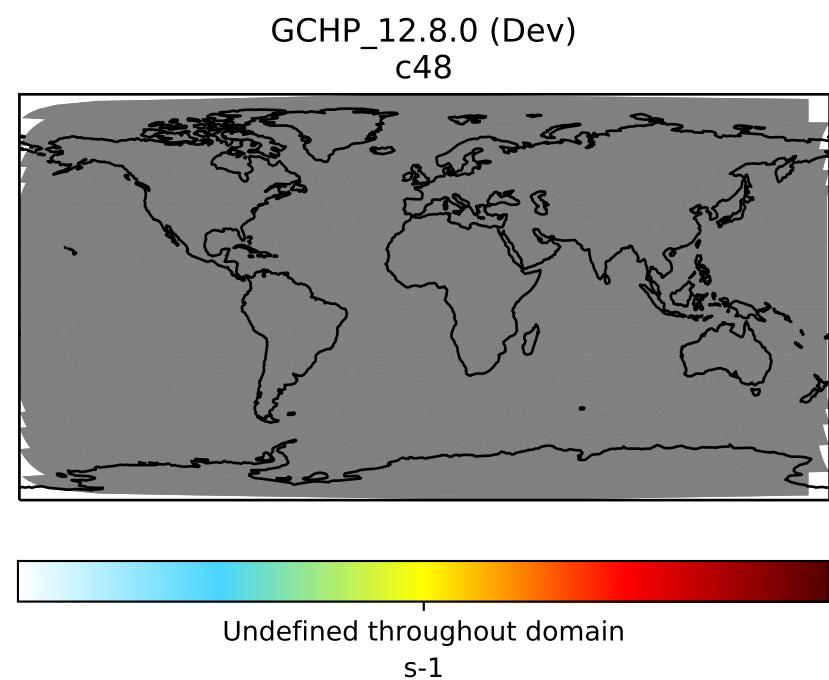
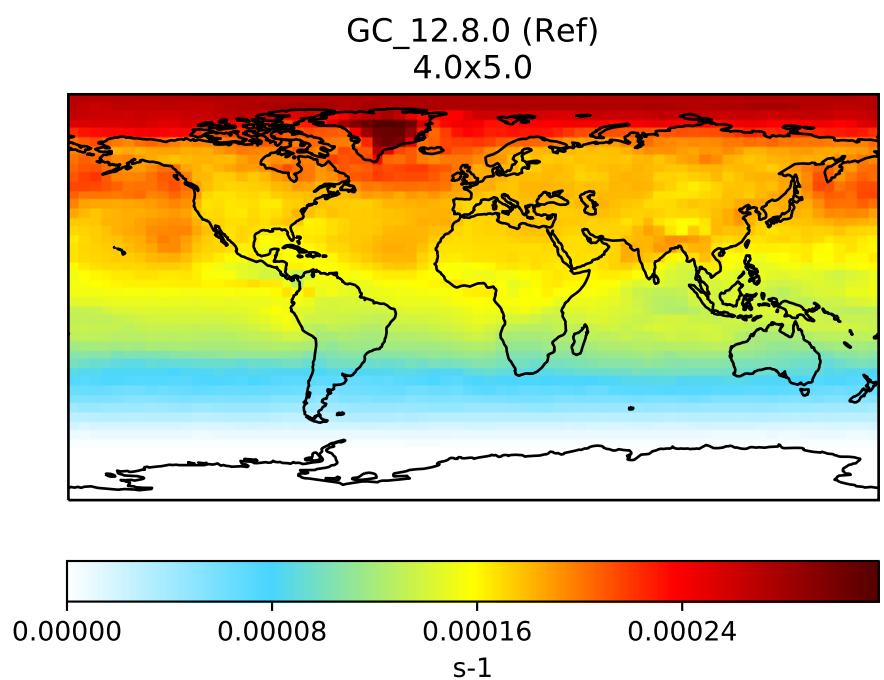
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unitless

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



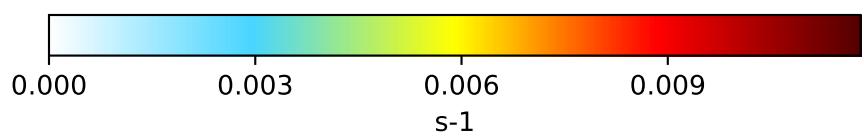
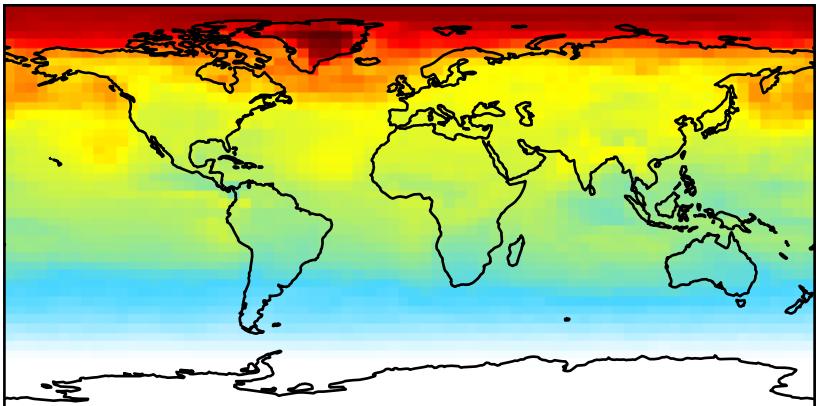
Undefined throughout domain
unitless

Jval_HOCl

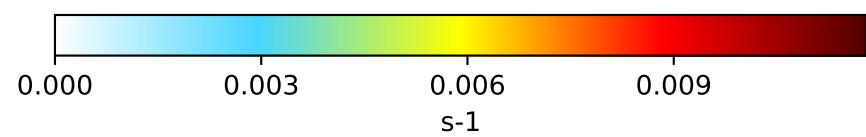
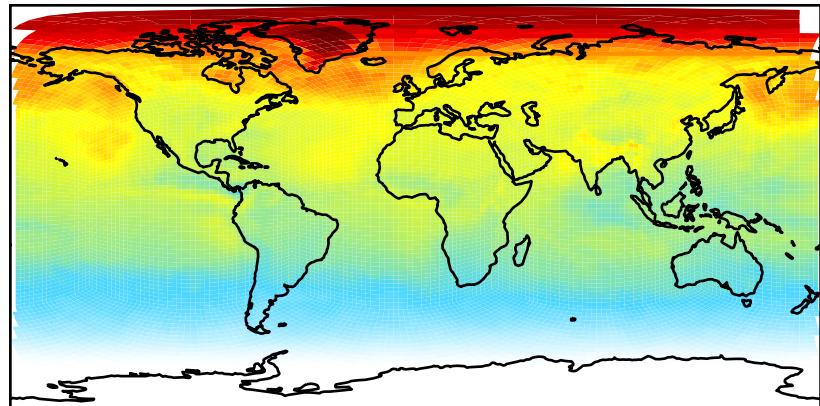


Jval_HOI

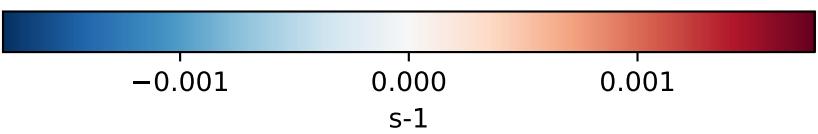
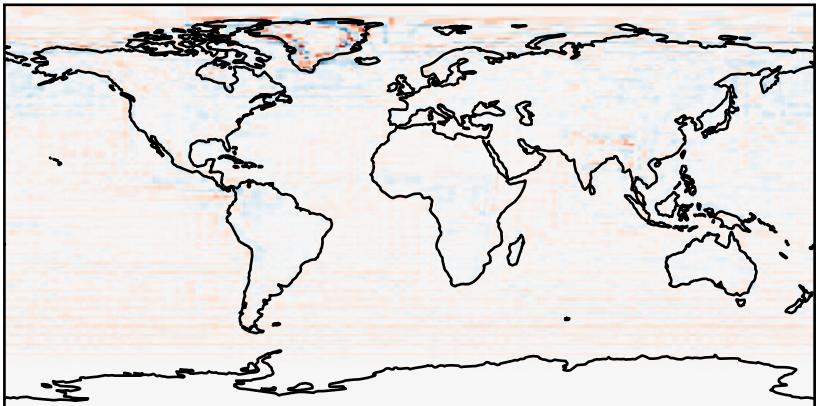
GC_12.8.0 (Ref)
4.0x5.0



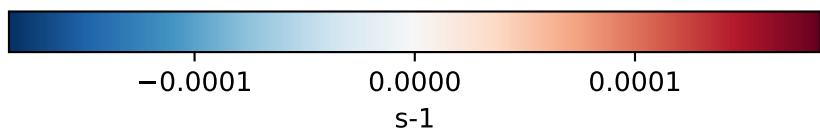
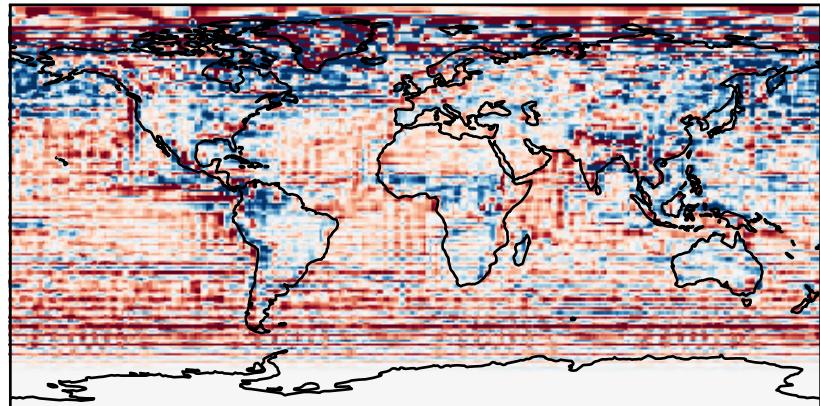
GCHP_12.8.0 (Dev)
c48



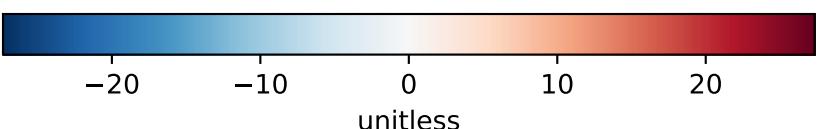
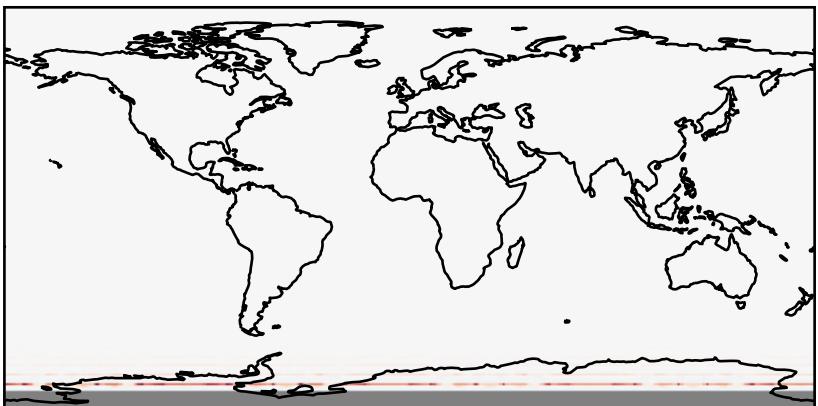
Difference (1x1.25)
Dev - Ref, Dynamic Range



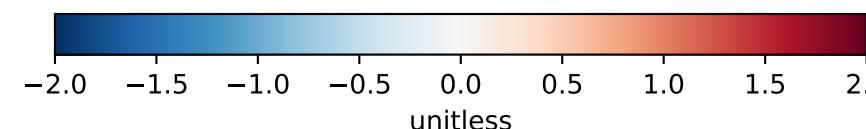
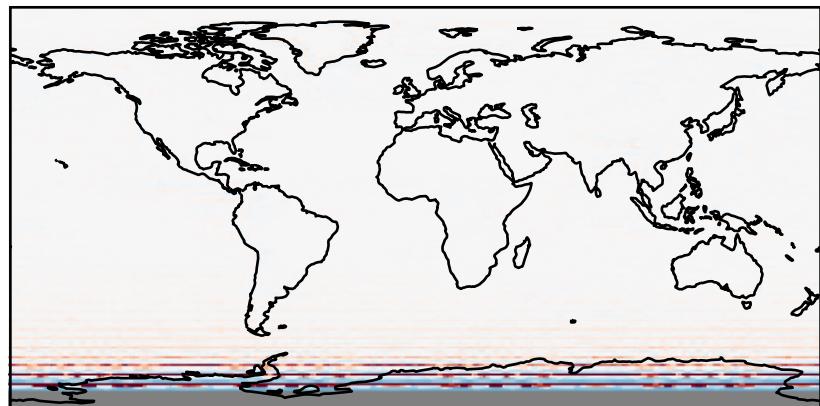
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

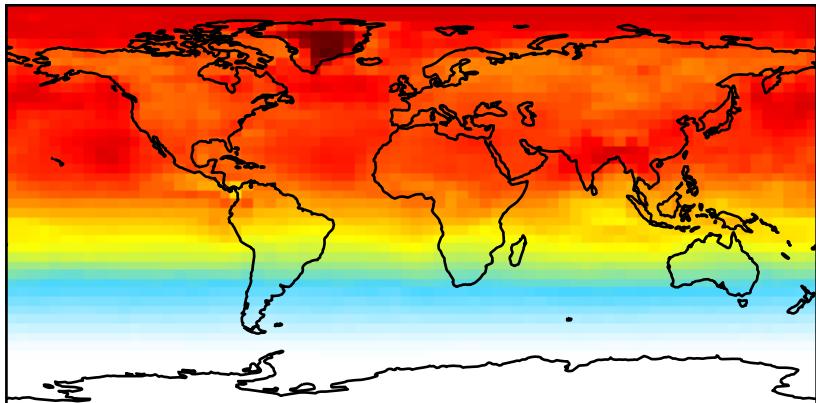


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



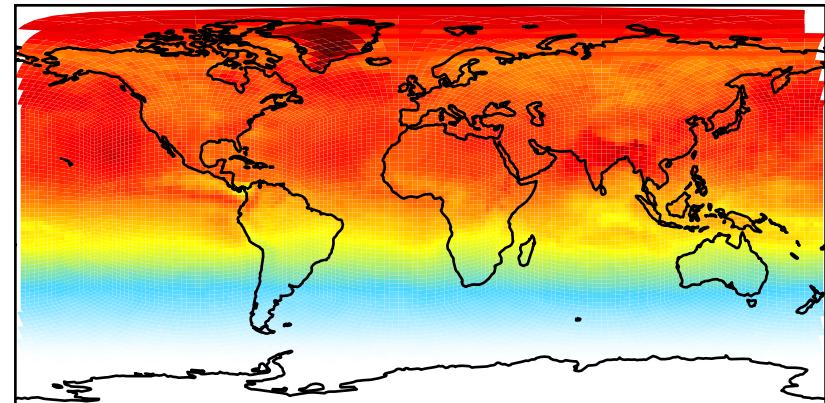
Jval_HONIT

GC_12.8.0 (Ref)
4.0x5.0



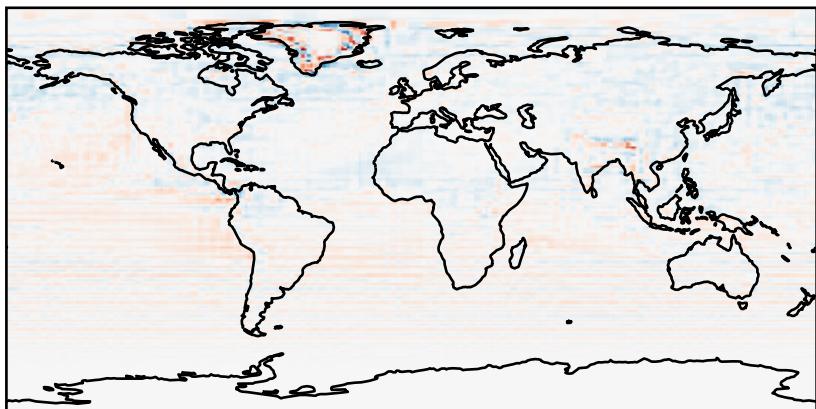
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s⁻¹

GCHP_12.8.0 (Dev)
c48



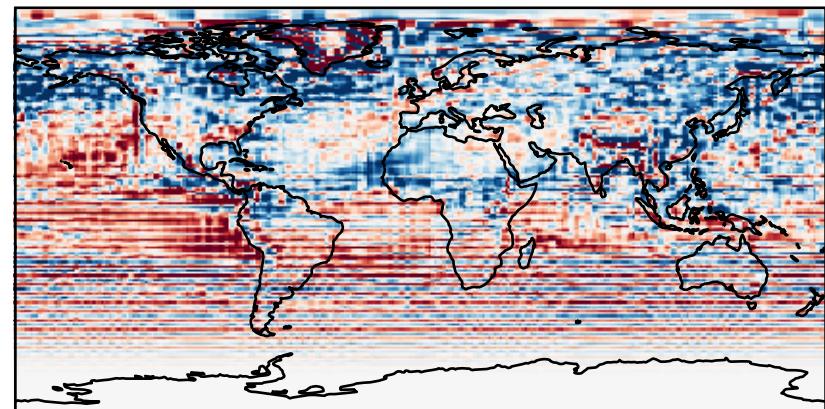
0.0000000 0.0000006 0.0000012 0.0000018
s⁻¹

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



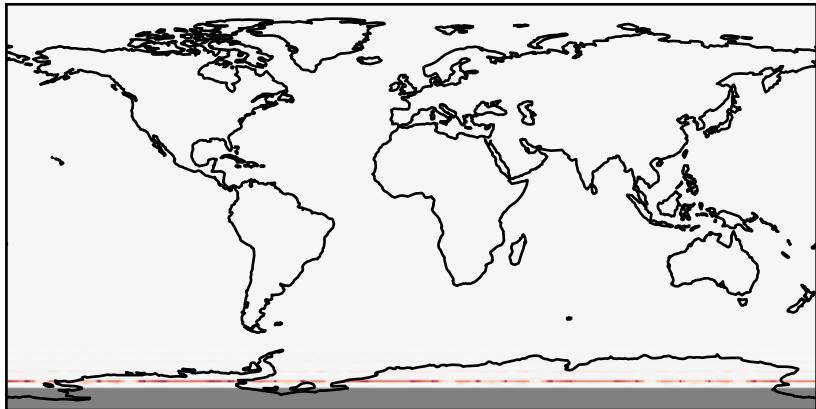
-2 0 2 1e-7
s⁻¹

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



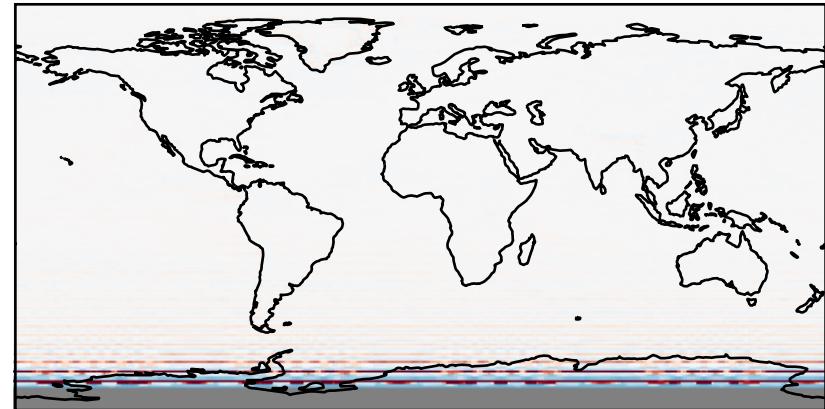
-2 0 2 1e-8
s⁻¹

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



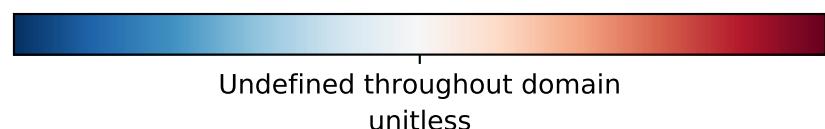
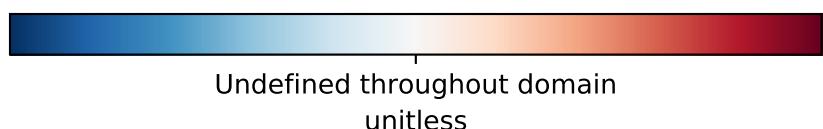
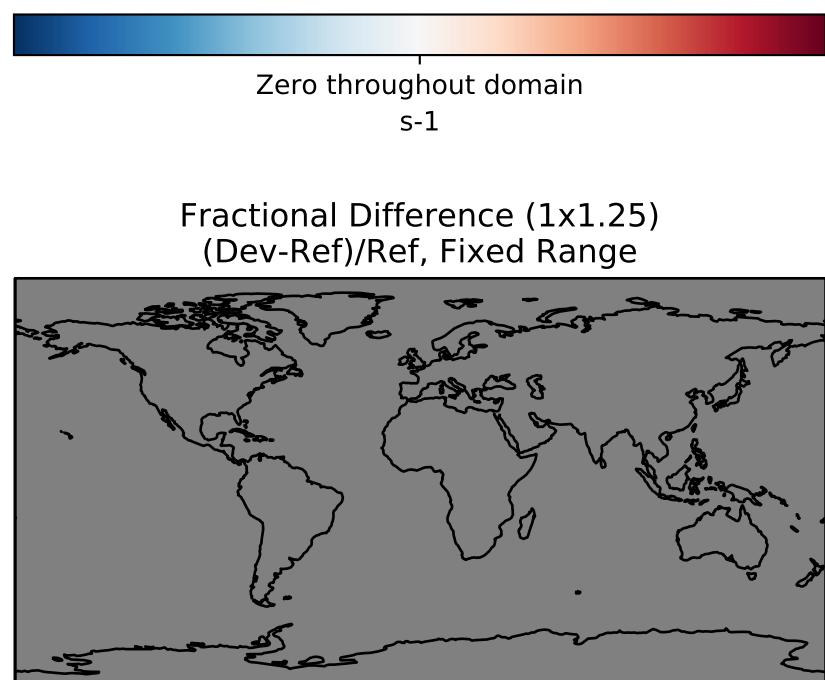
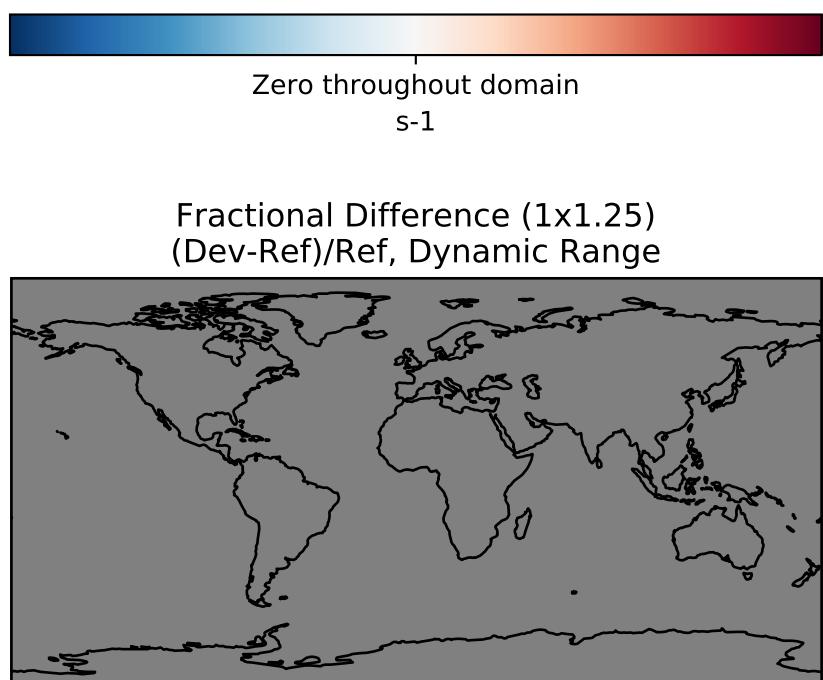
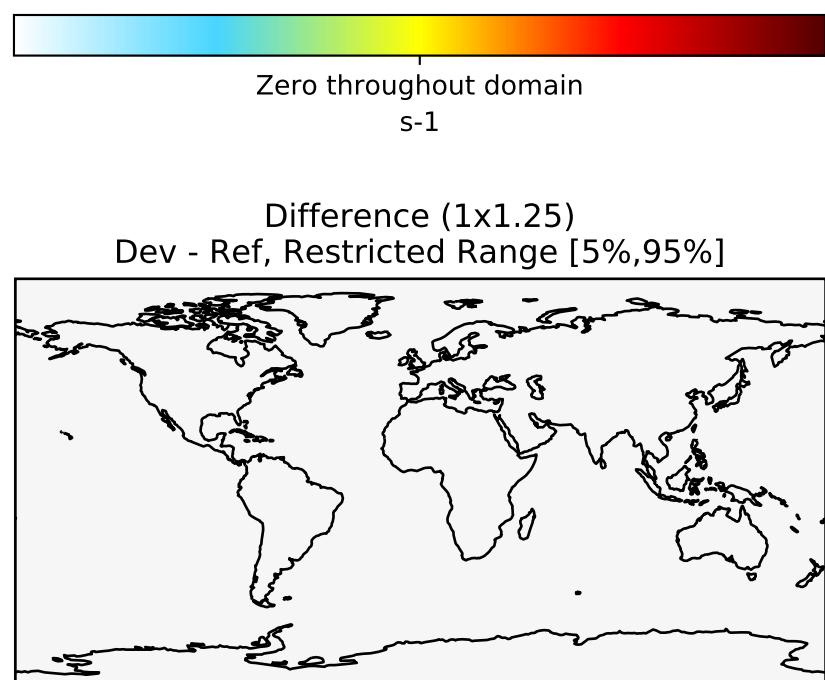
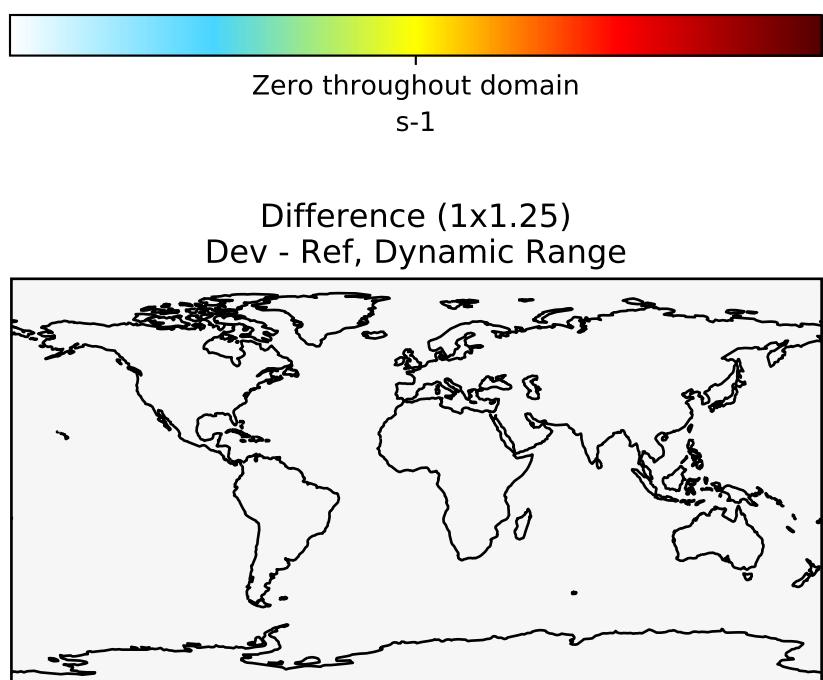
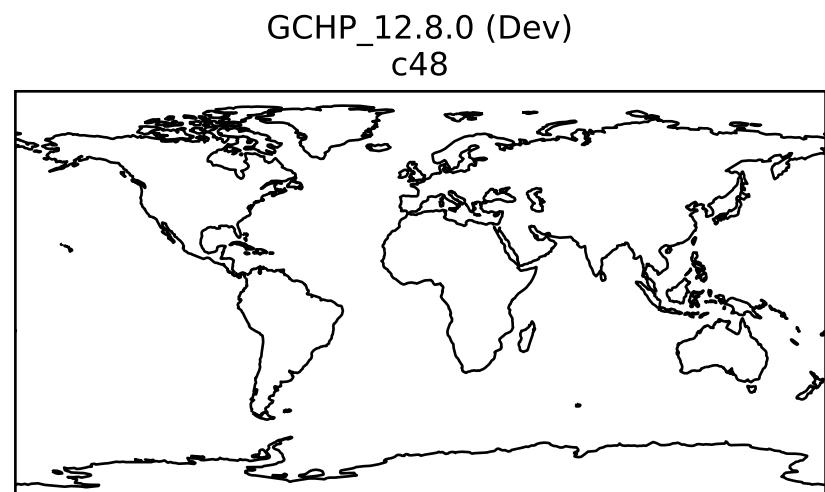
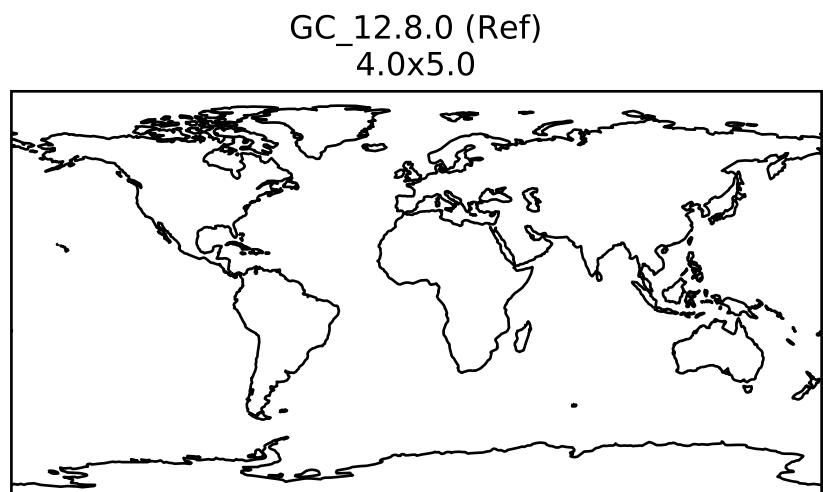
-30 -20 -10 0 10 20 30
unitless

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



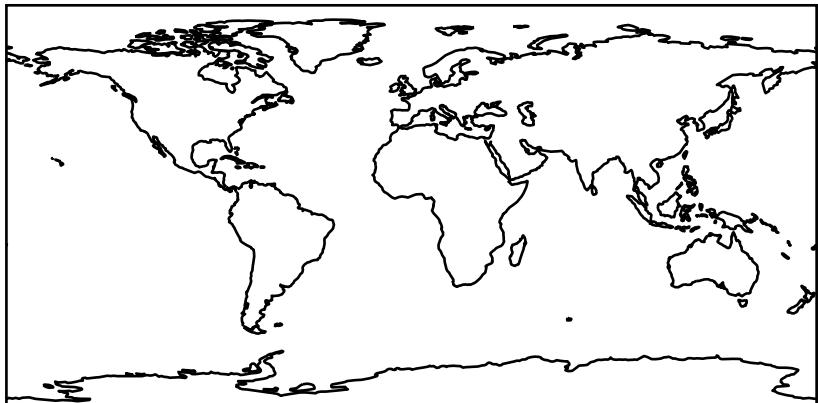
-2.0 -1.5 -1.0 -0.5 0.0 0.5 1.0 1.5 2.0
unitless

Jval_HPALD1



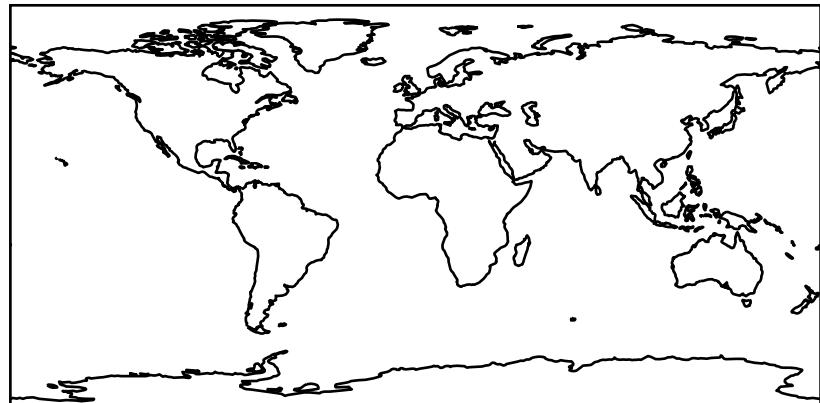
Jval_HPALD2

GC_12.8.0 (Ref)
4.0x5.0



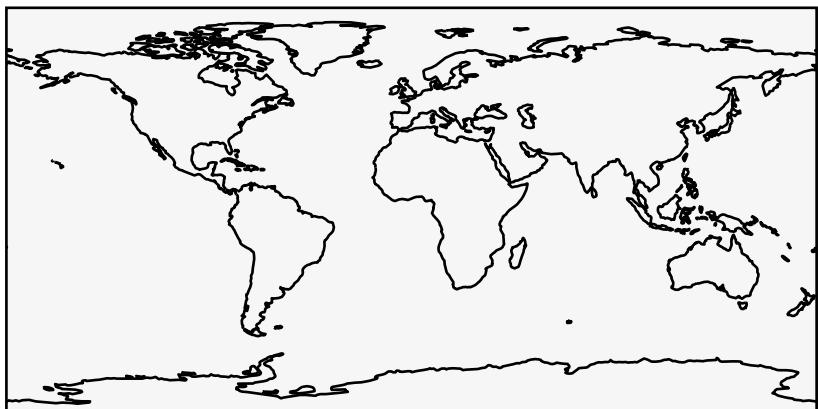
Zero throughout domain
s-1

GCHP_12.8.0 (Dev)
c48



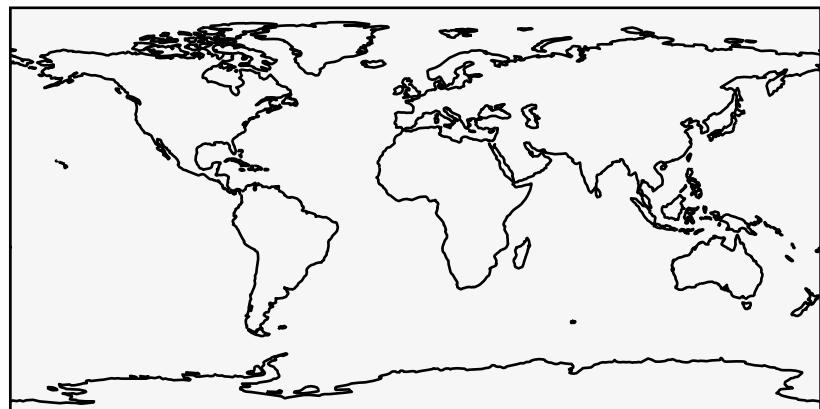
Zero throughout domain
s-1

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



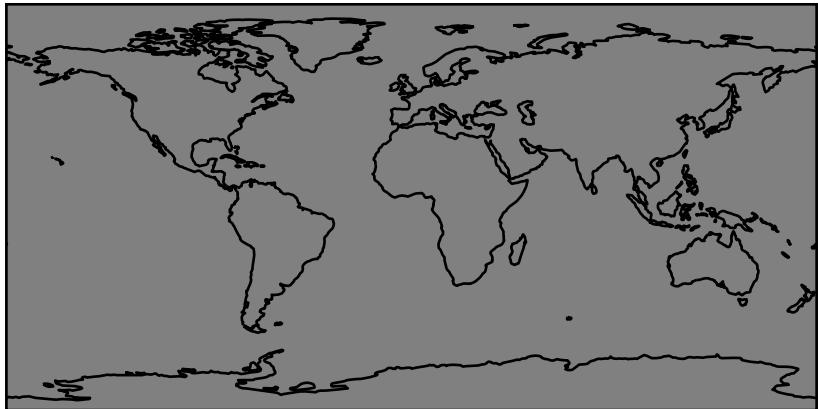
Zero throughout domain
s-1

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



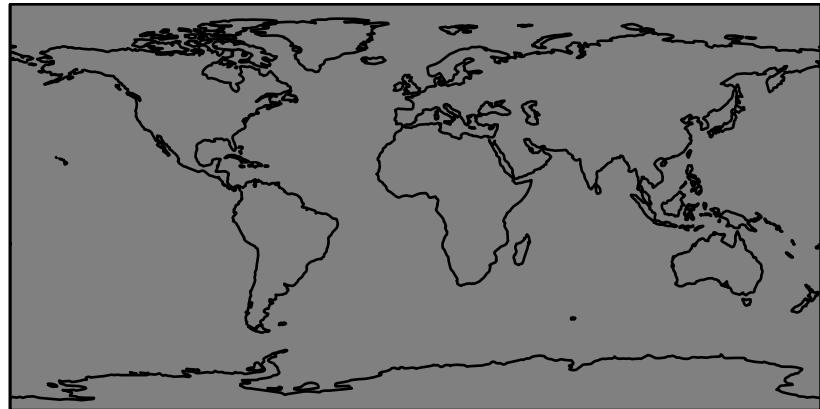
Zero throughout domain
s-1

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



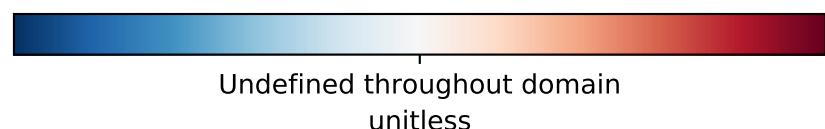
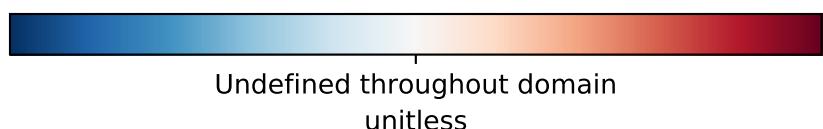
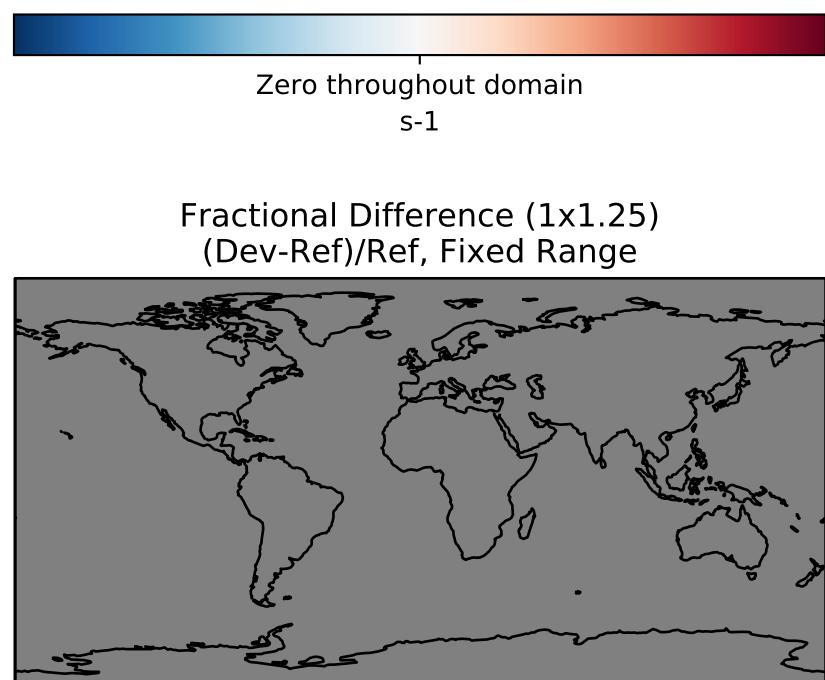
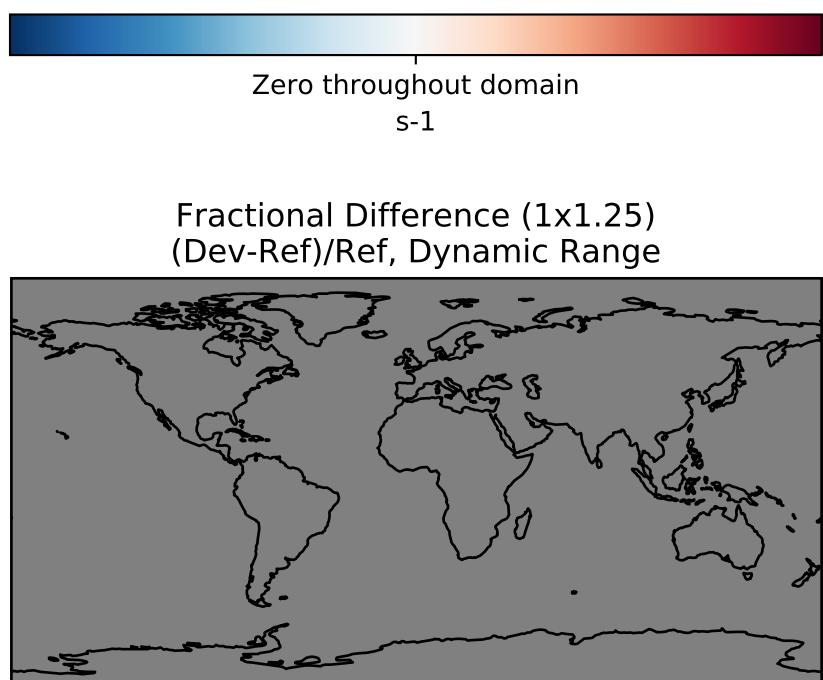
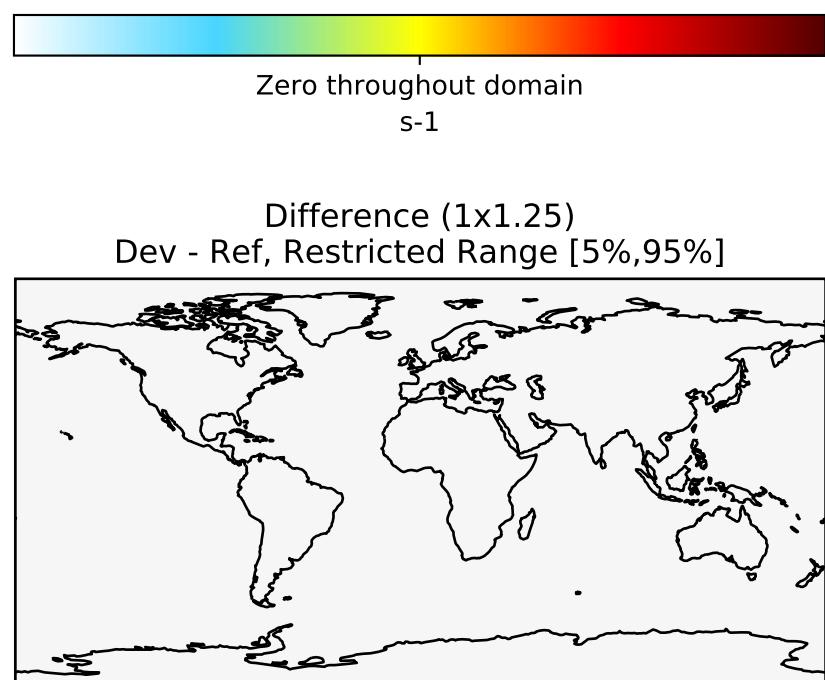
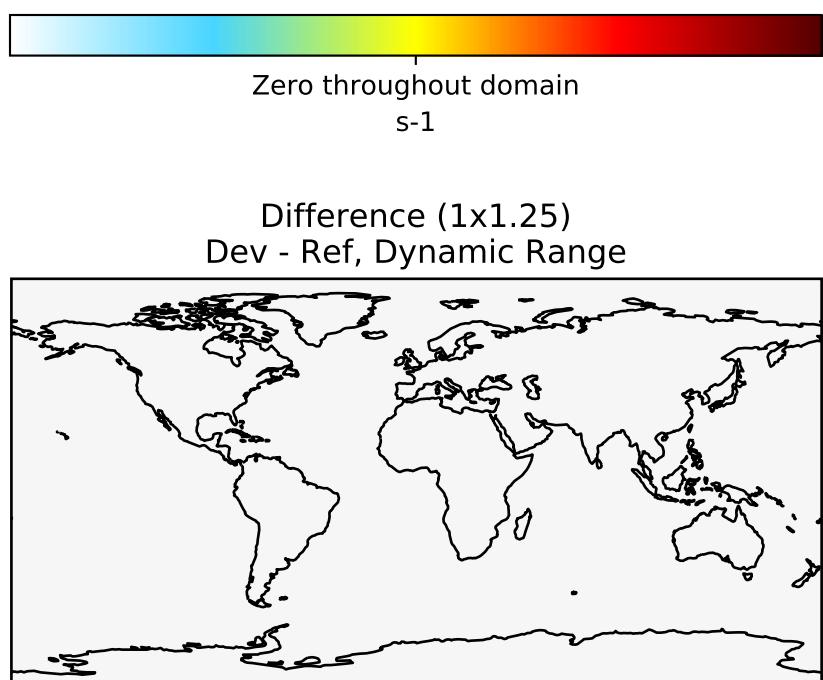
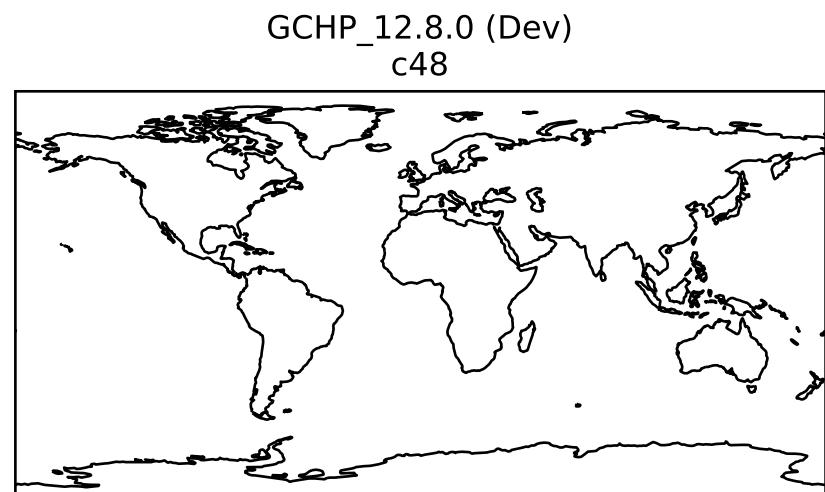
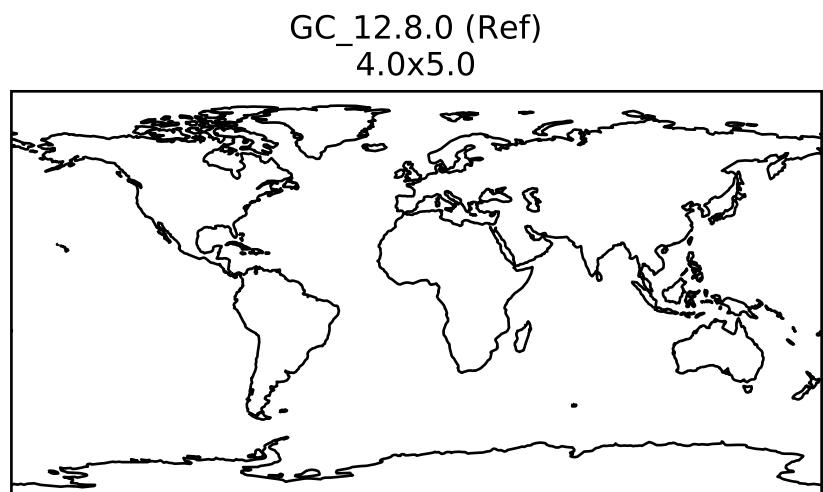
Undefined throughout domain
unitless

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

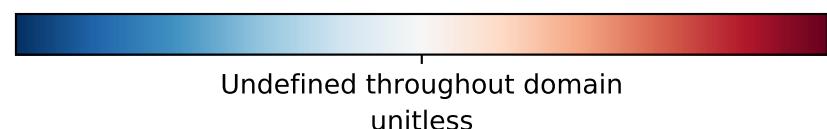
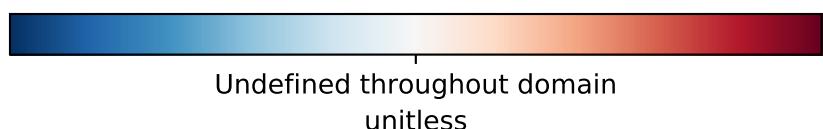
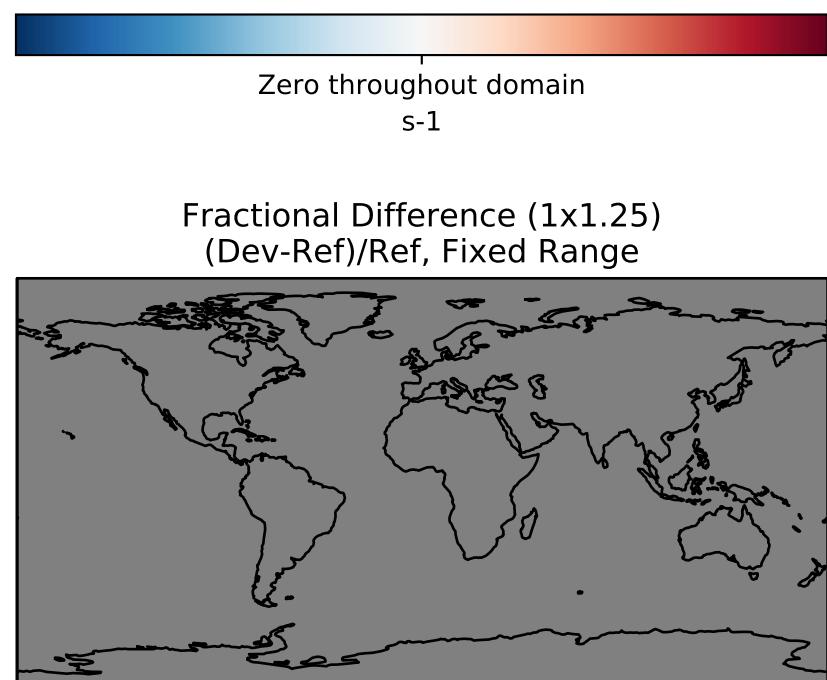
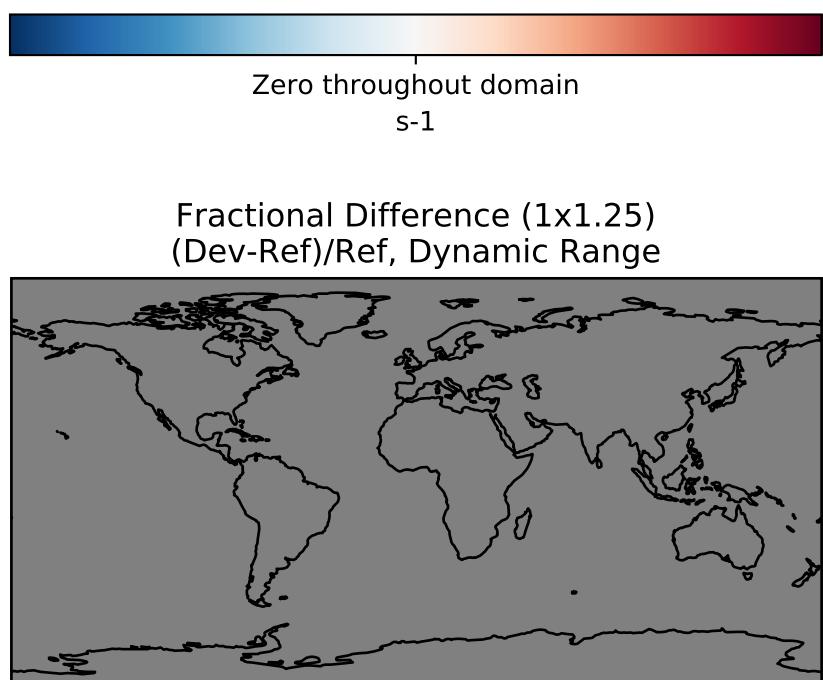
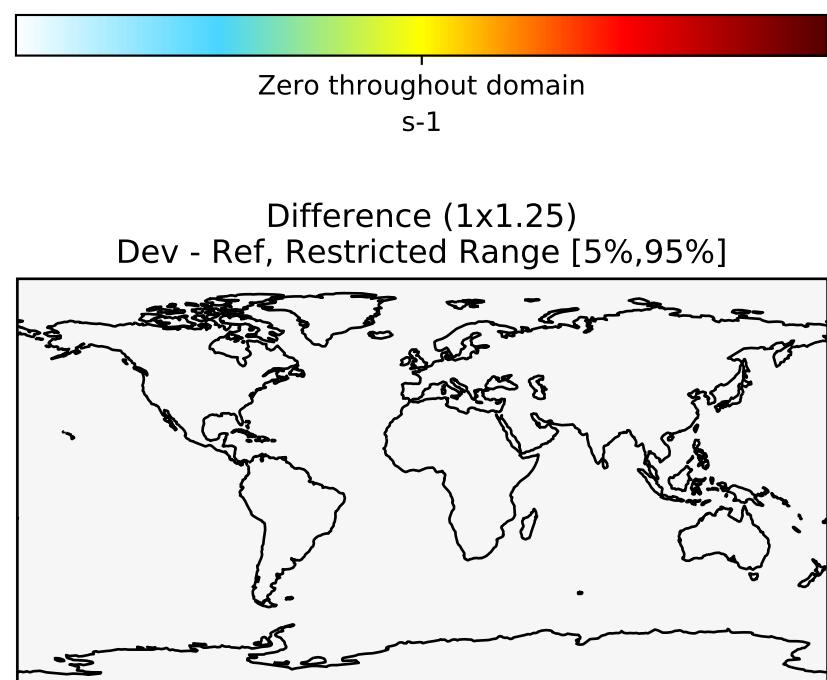
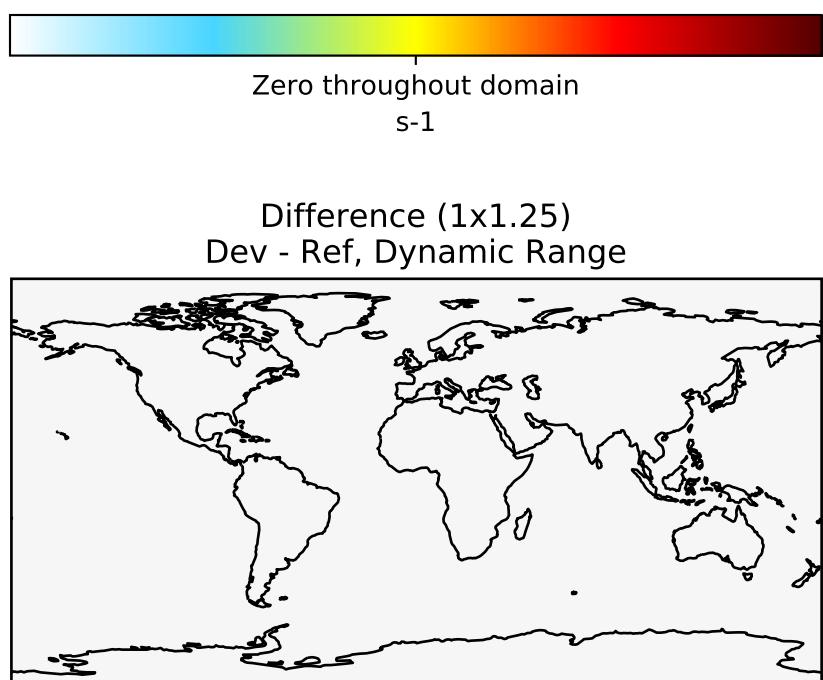
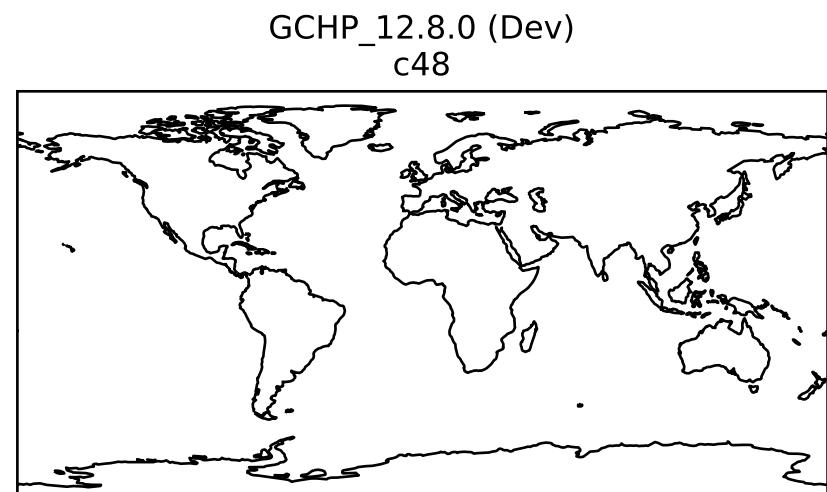
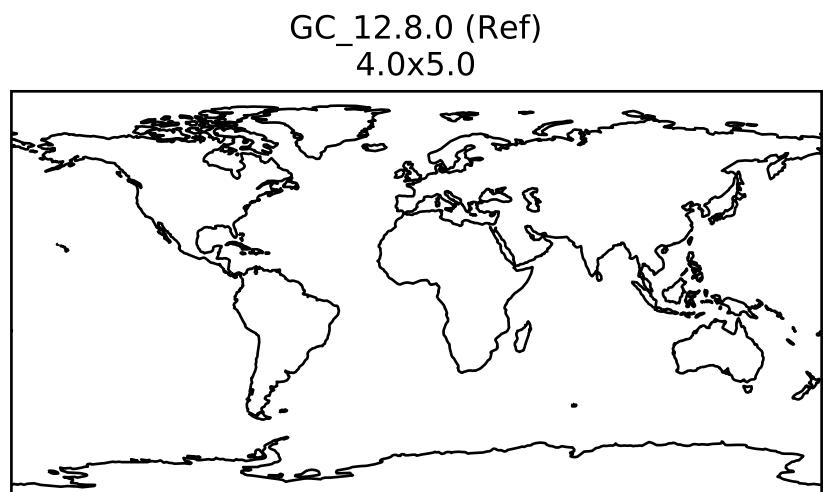


Undefined throughout domain
unitless

Jval_HPALD3

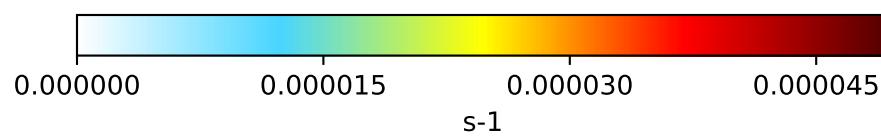
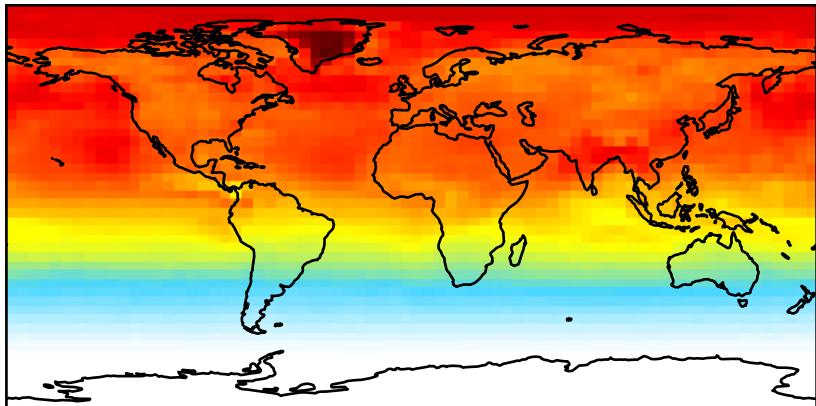


Jval_HPALD4

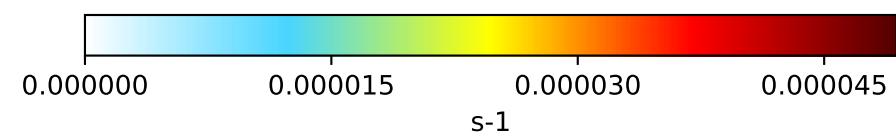
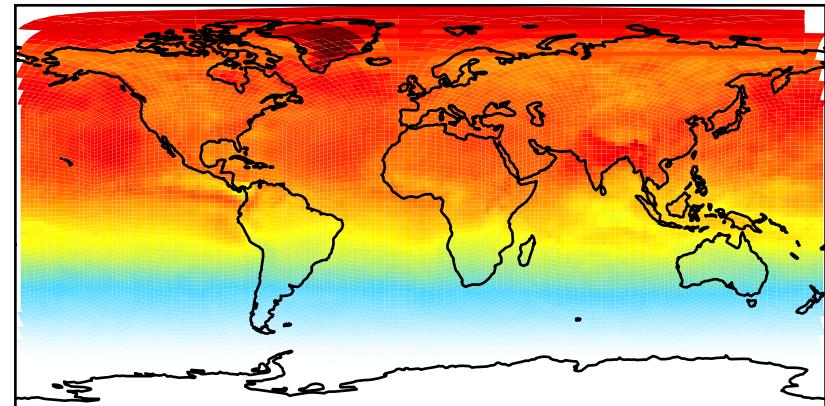


Jval_HPETHNL

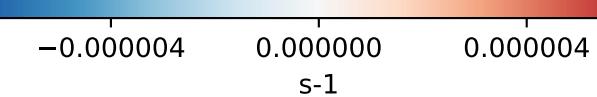
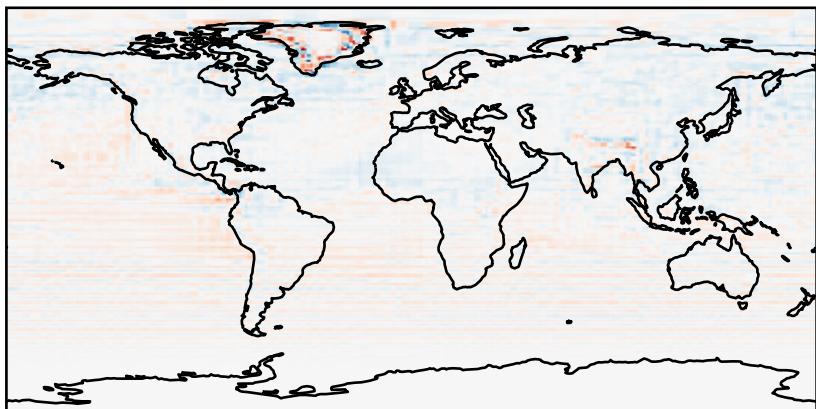
GC_12.8.0 (Ref)
4.0x5.0



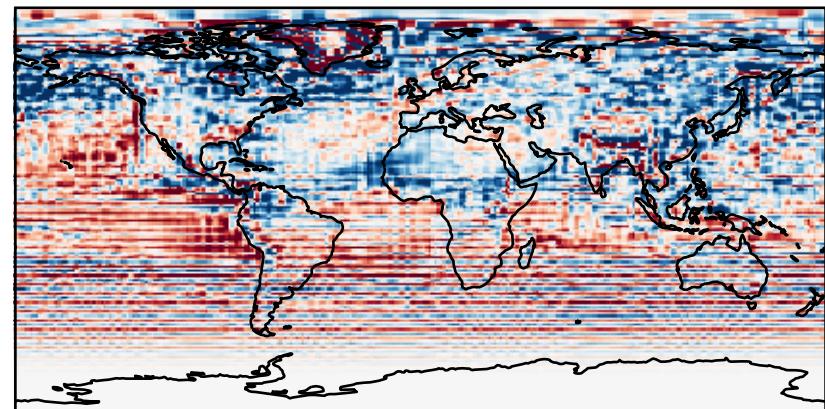
GCHP_12.8.0 (Dev)
c48



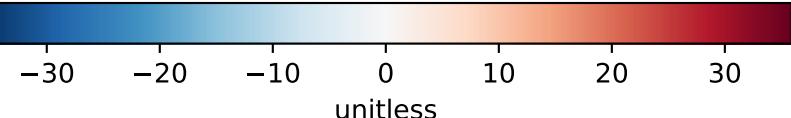
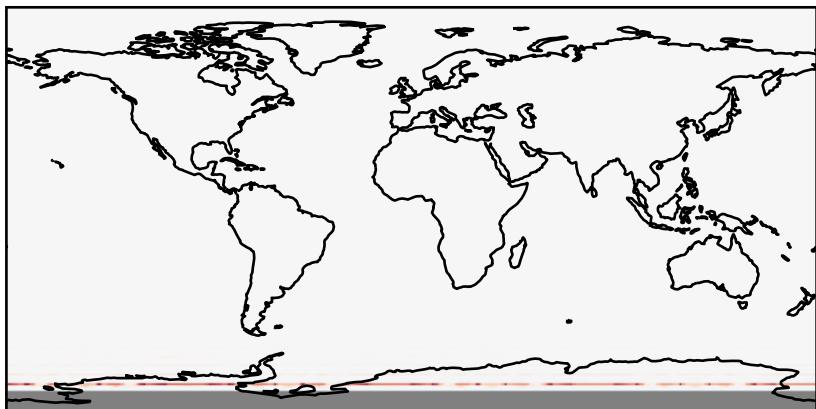
Difference (1x1.25)
Dev - Ref, Dynamic Range



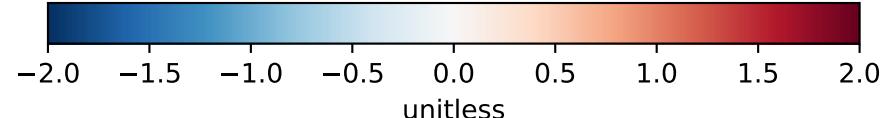
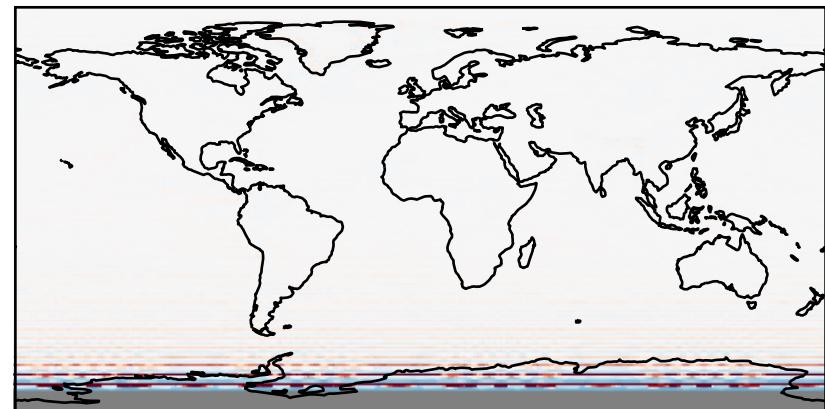
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



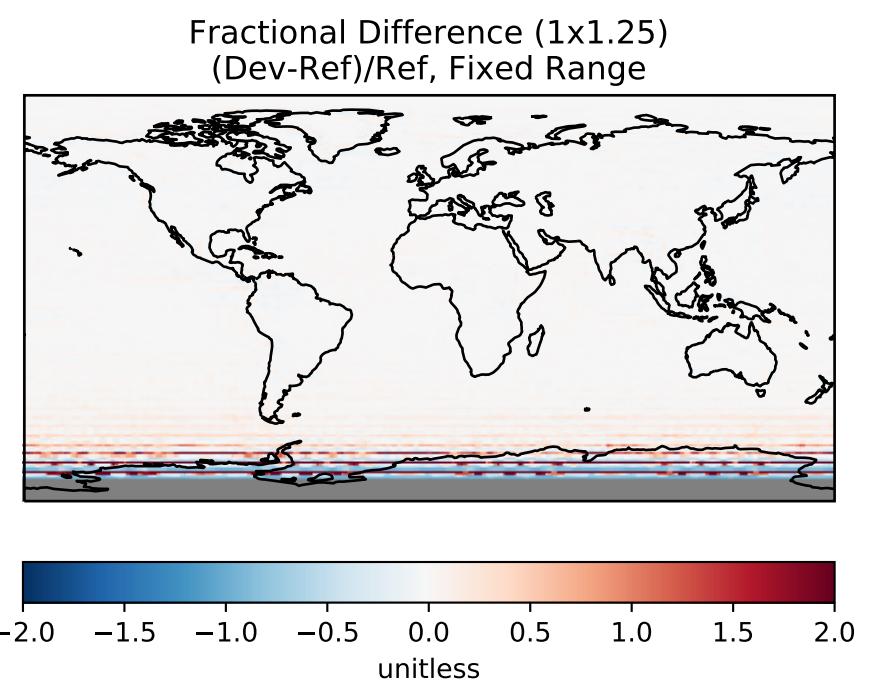
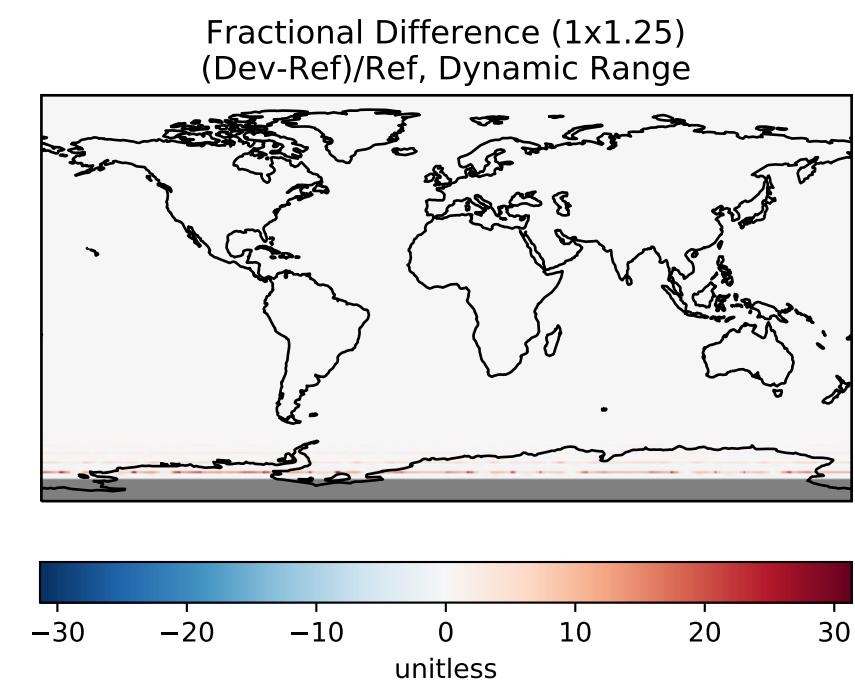
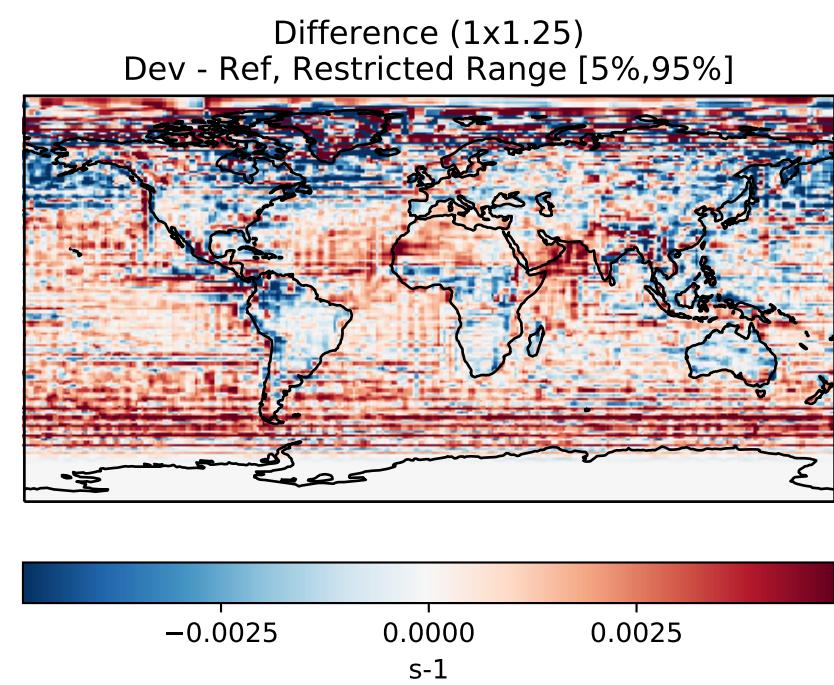
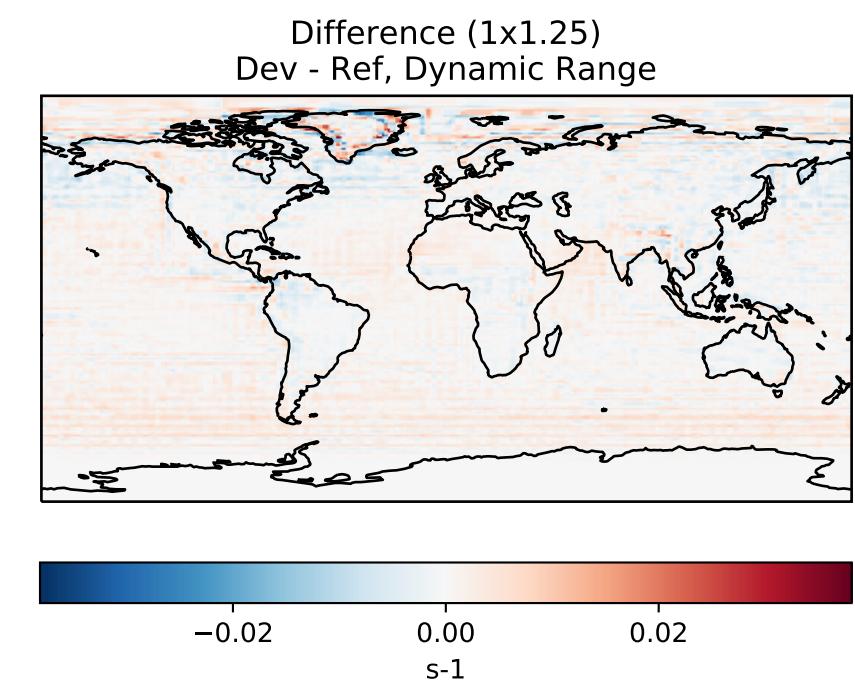
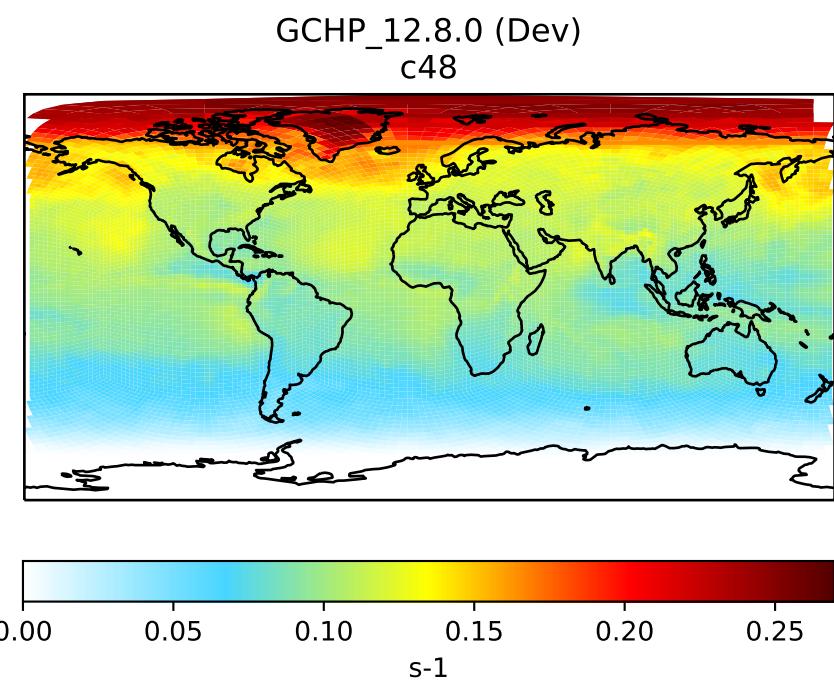
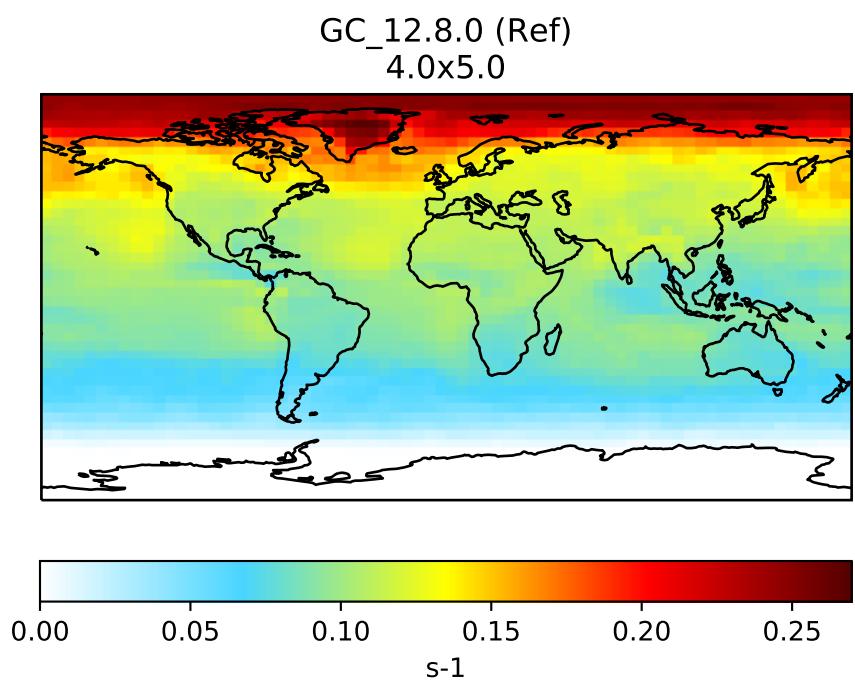
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

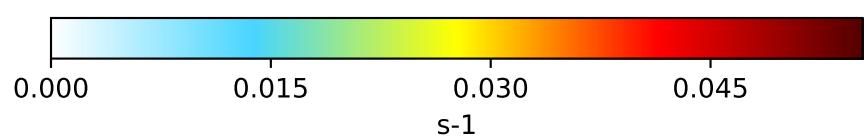
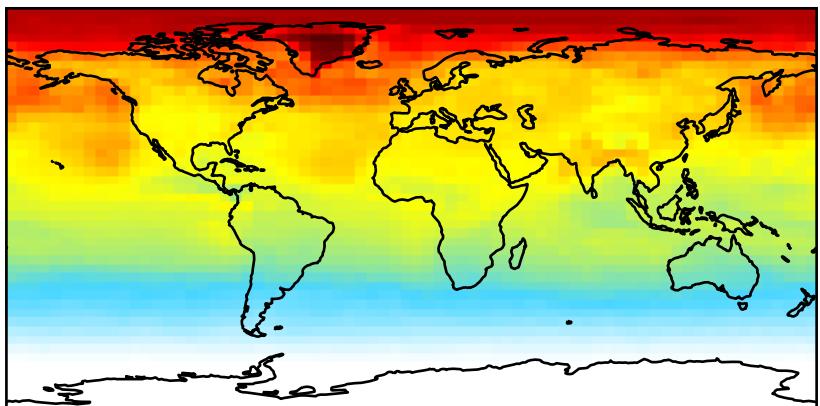


Jval_I2

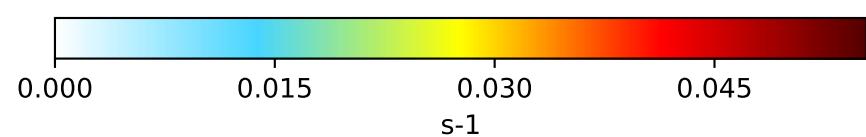
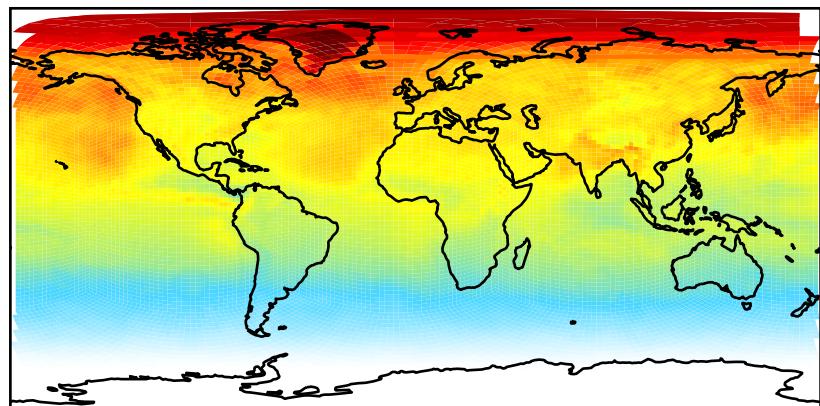


Jval_I202

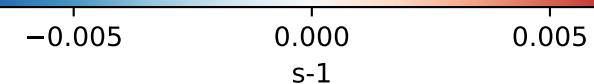
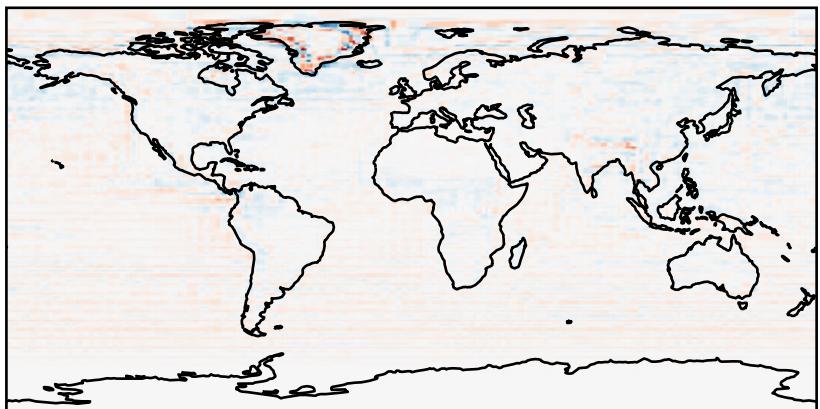
GC_12.8.0 (Ref)
4.0x5.0



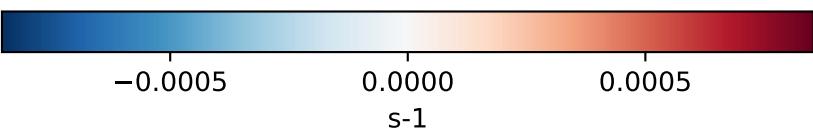
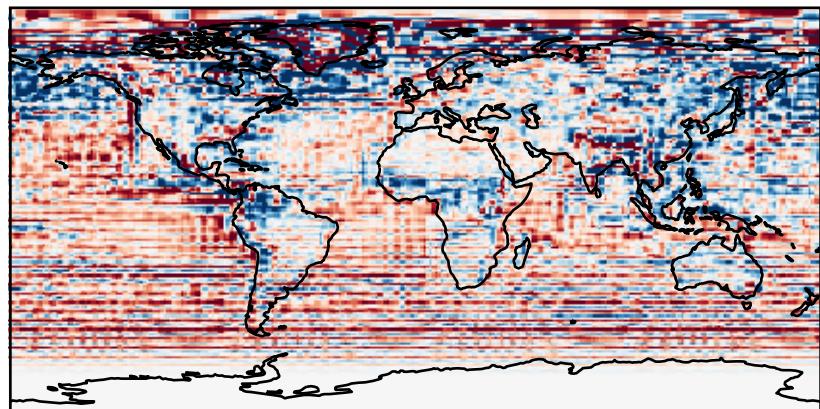
GCHP_12.8.0 (Dev)
c48



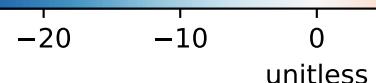
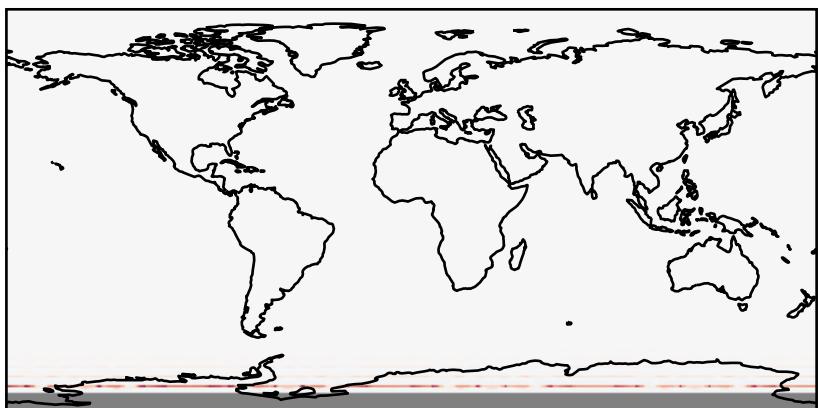
Difference (1x1.25)
Dev - Ref, Dynamic Range



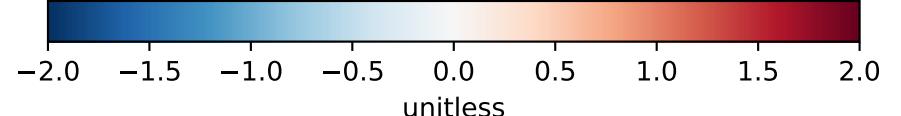
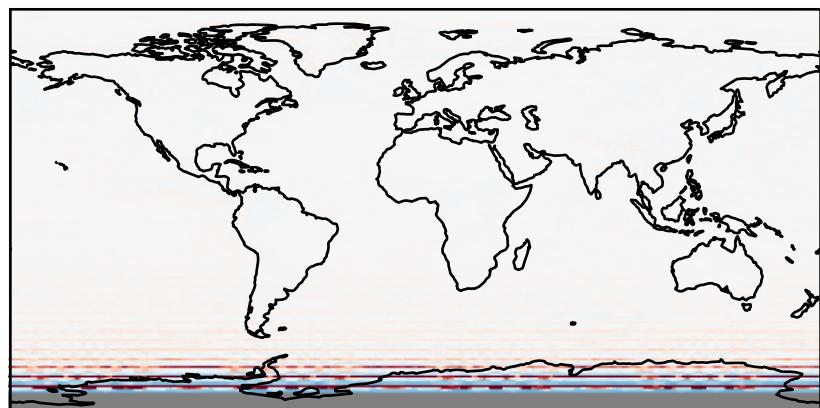
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

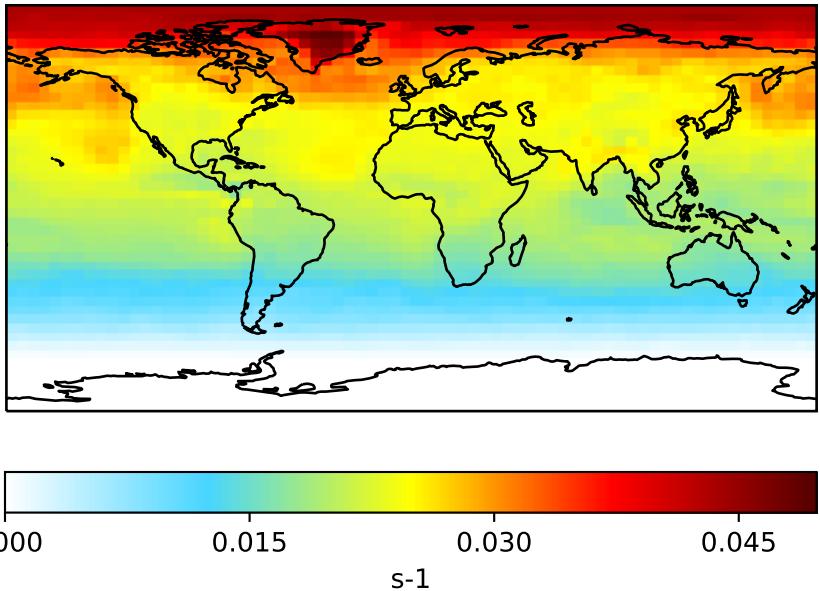


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

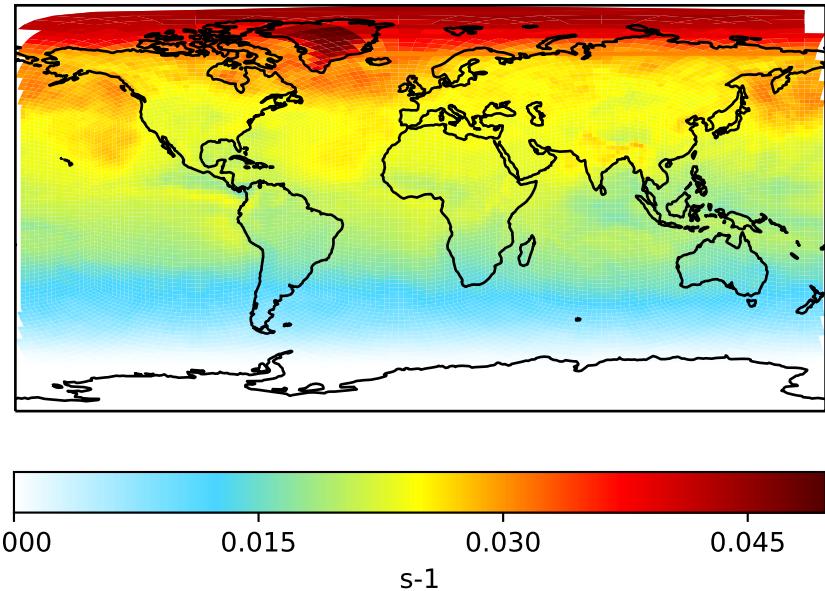


Jval_I203

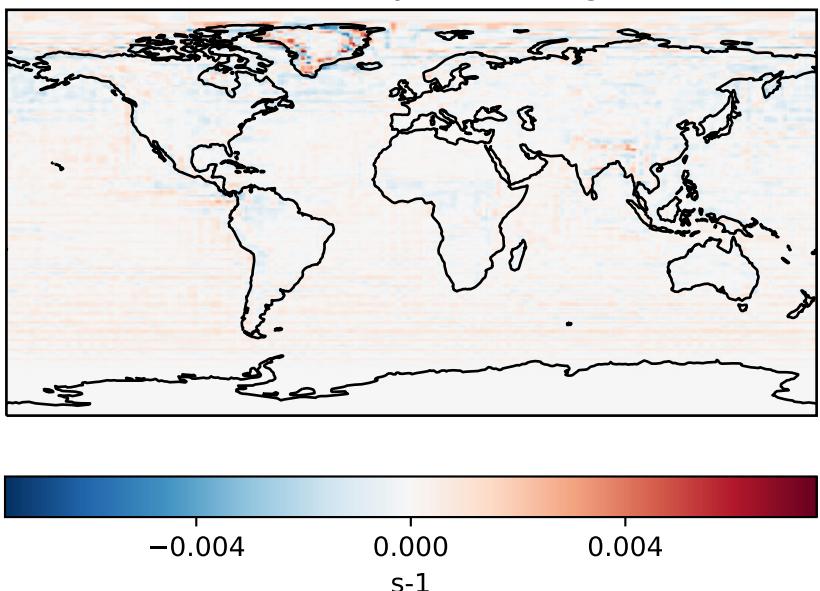
GC_12.8.0 (Ref)
4.0x5.0



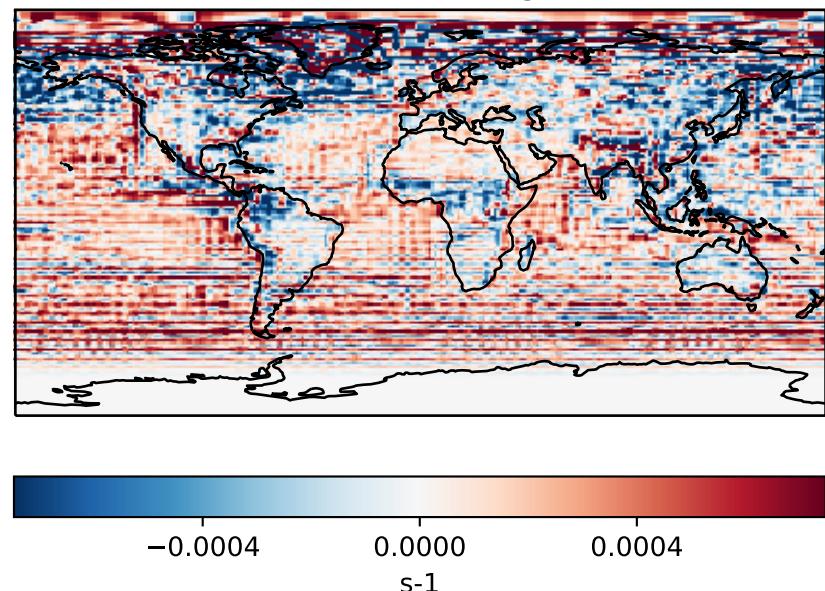
GCHP_12.8.0 (Dev)
c48



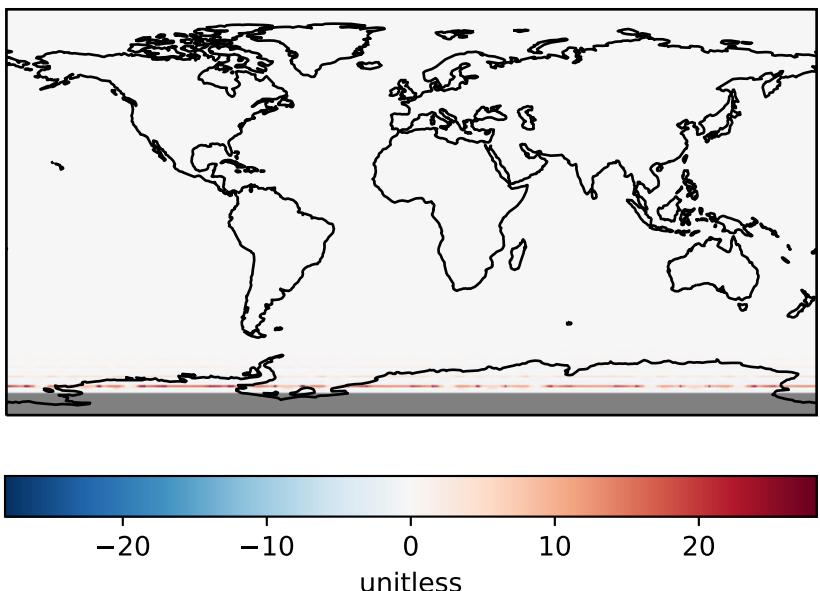
Difference (1x1.25)
Dev - Ref, Dynamic Range



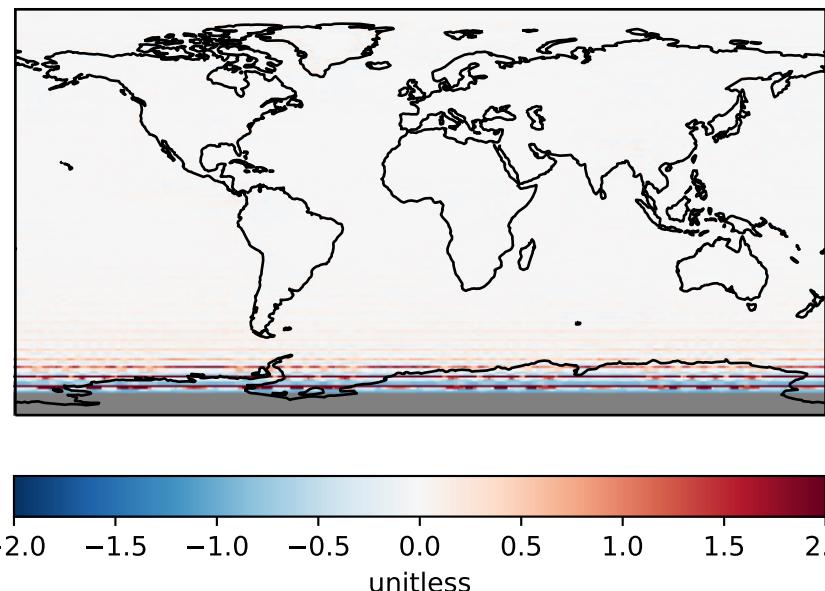
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

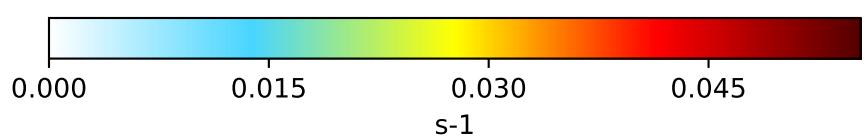
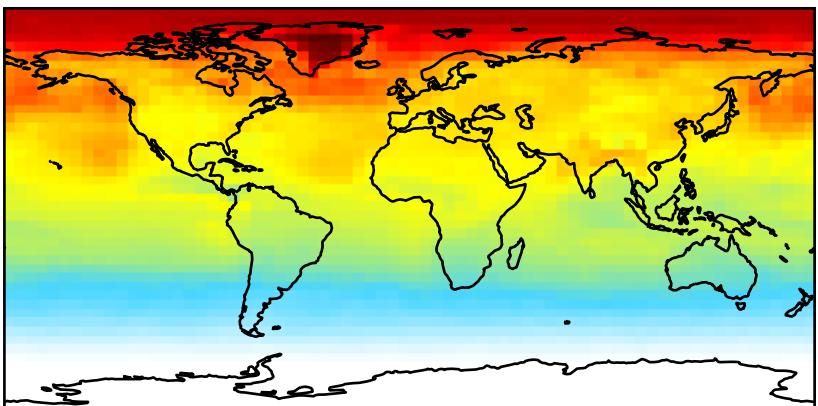


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

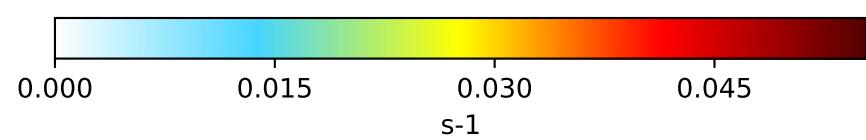
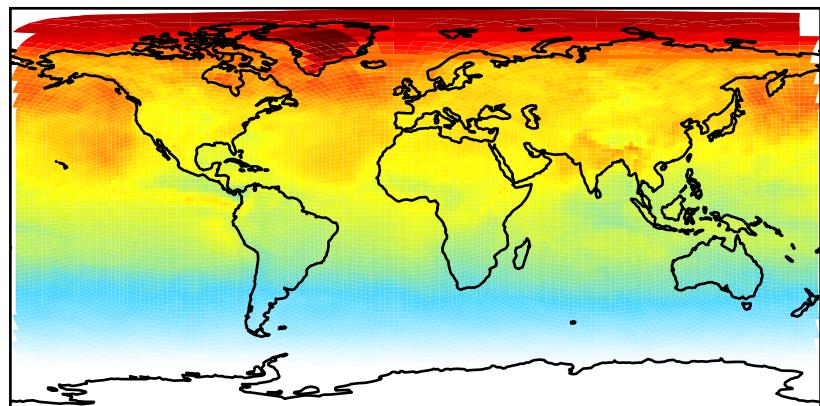


Jval_I204

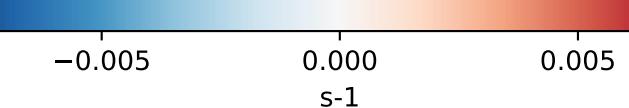
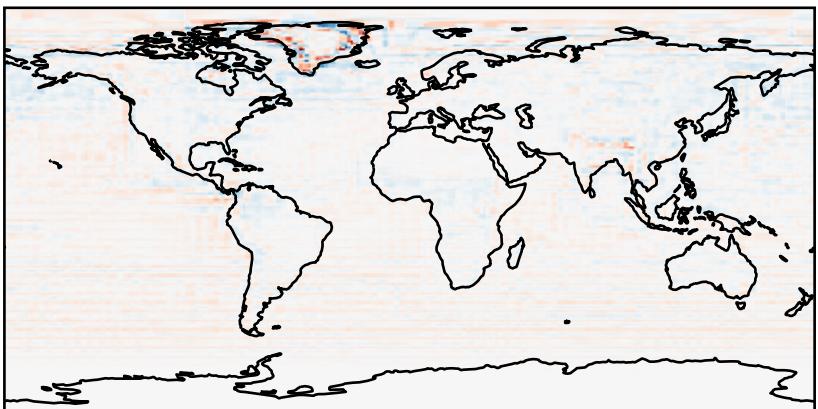
GC_12.8.0 (Ref)
4.0x5.0



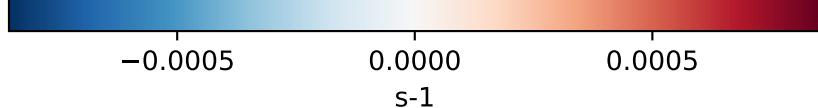
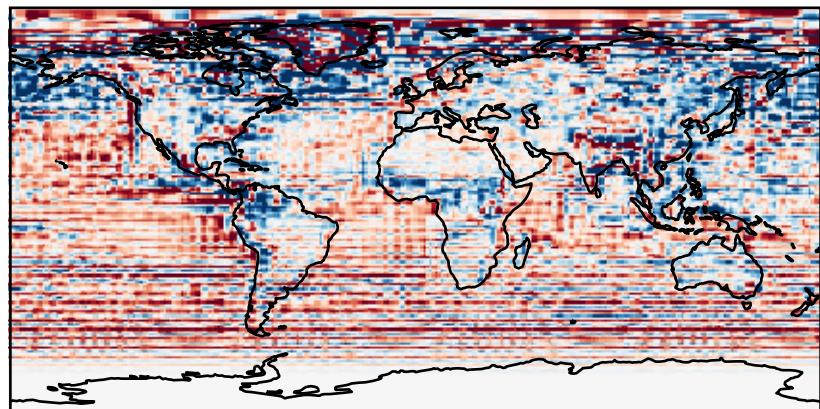
GCHP_12.8.0 (Dev)
c48



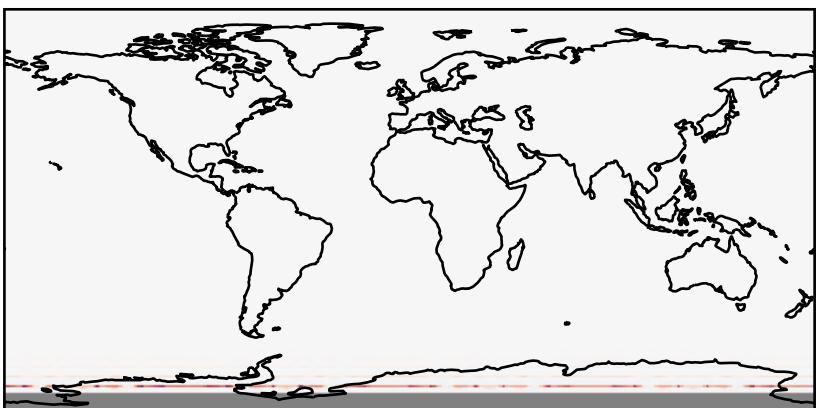
Difference (1x1.25)
Dev - Ref, Dynamic Range



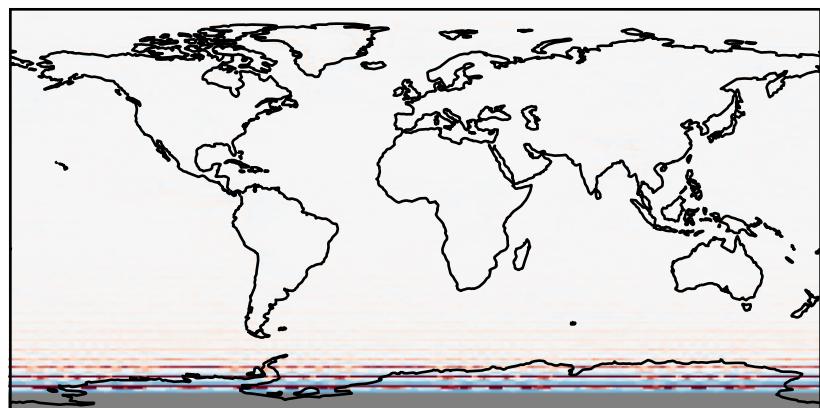
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



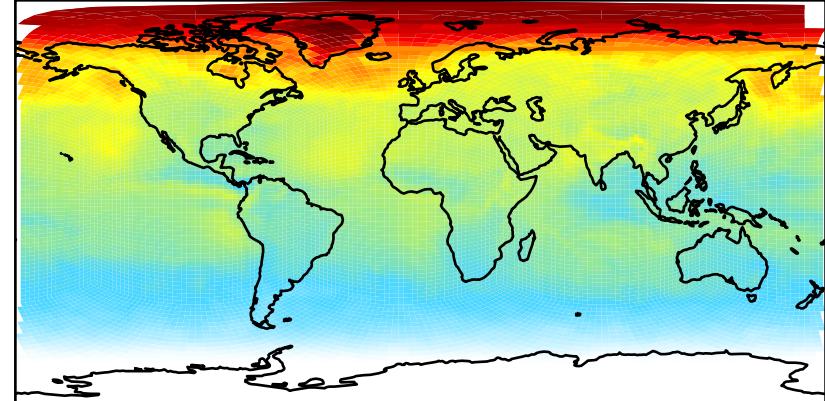
Jval_IBR

GC_12.8.0 (Ref)
4.0x5.0



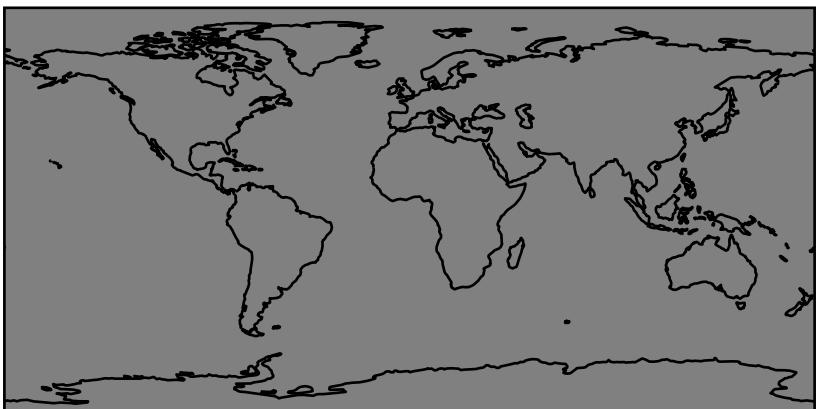
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s-1

GCHP_12.8.0 (Dev)
c48



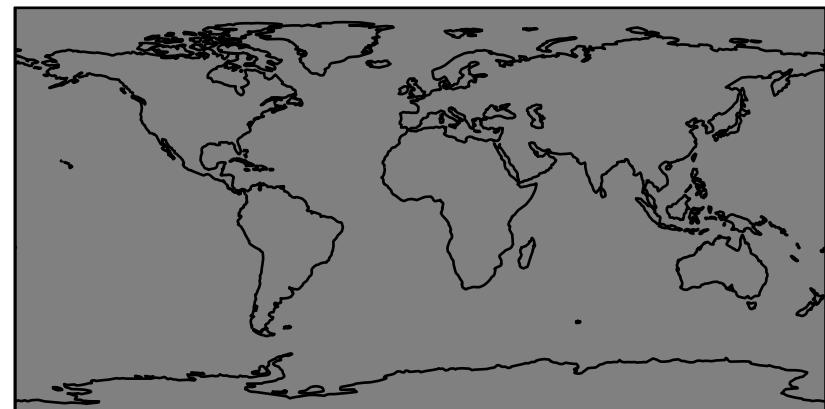
0.00 0.02 0.04 0.06 0.08 0.10
s-1

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



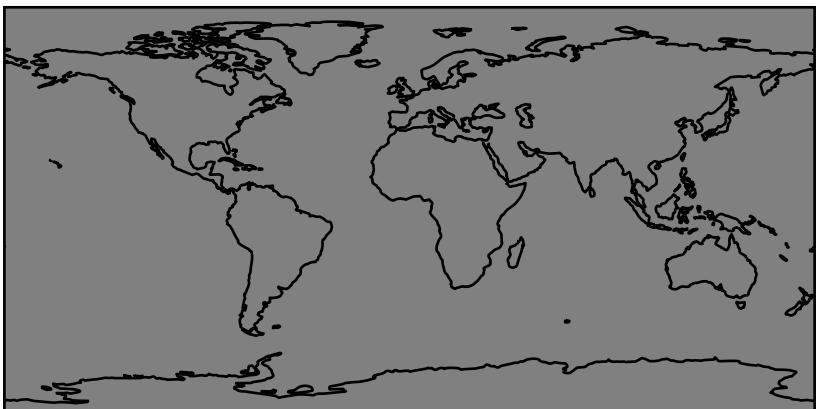
Undefined throughout domain
s-1

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



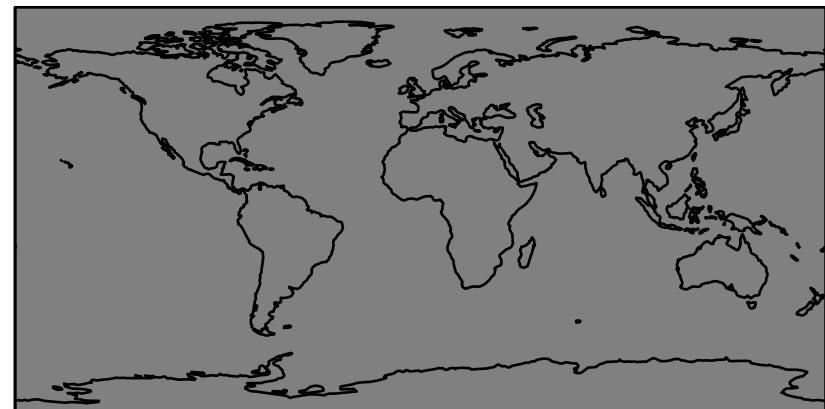
Undefined throughout domain
s-1

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



Undefined throughout domain
unitless

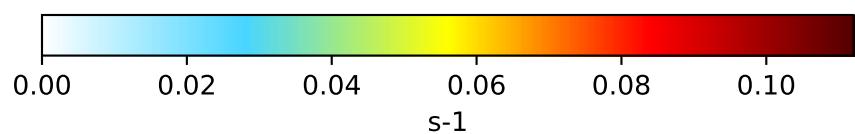
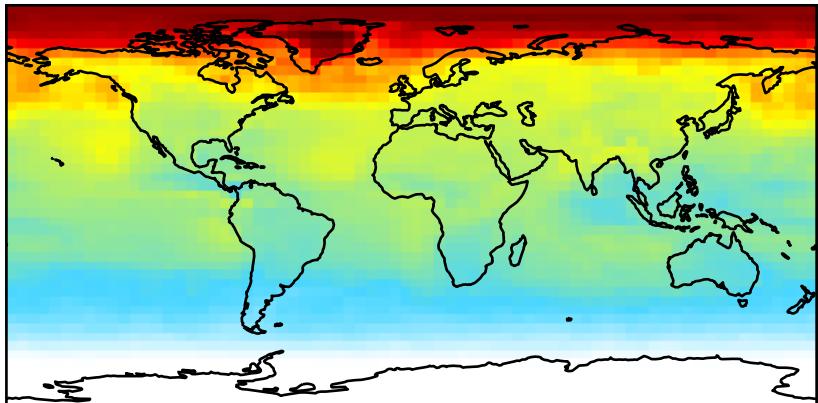
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



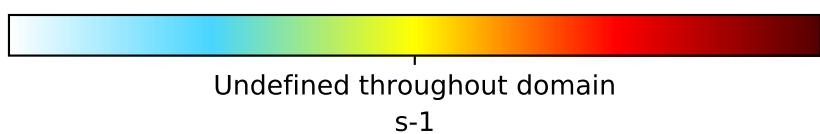
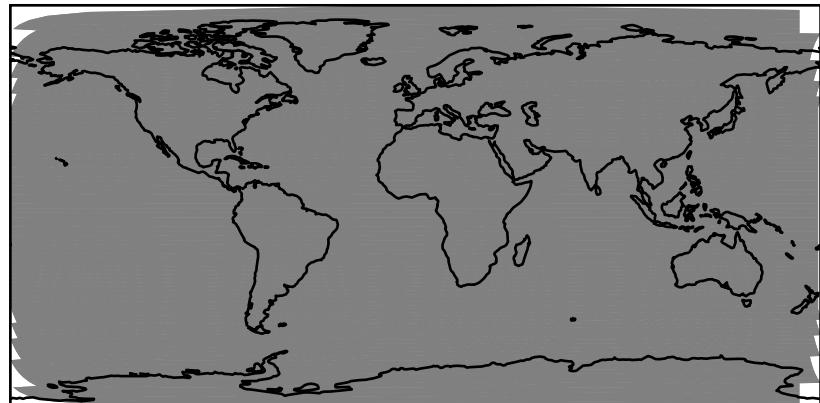
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unitless

Jval_IBr

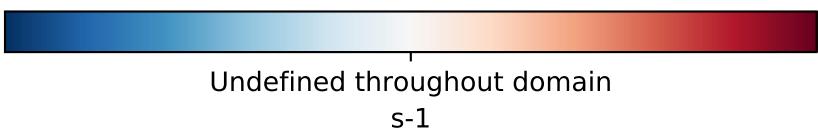
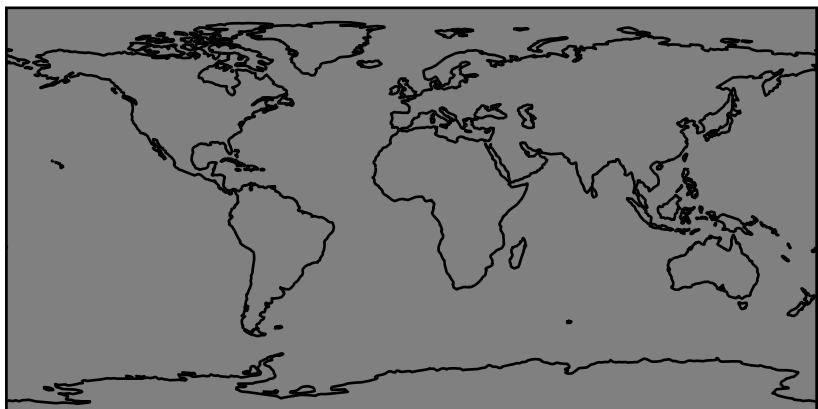
GC_12.8.0 (Ref)
4.0x5.0



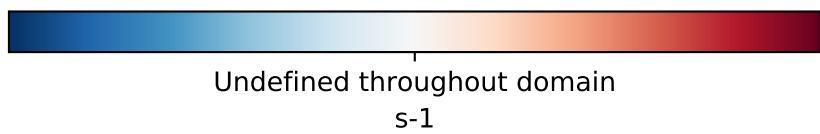
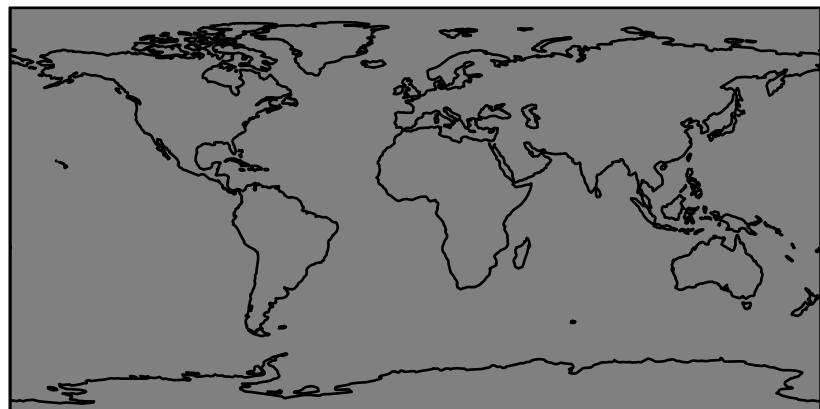
GCHP_12.8.0 (Dev)
c48



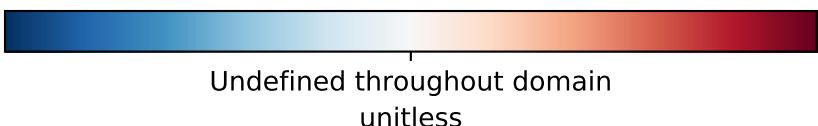
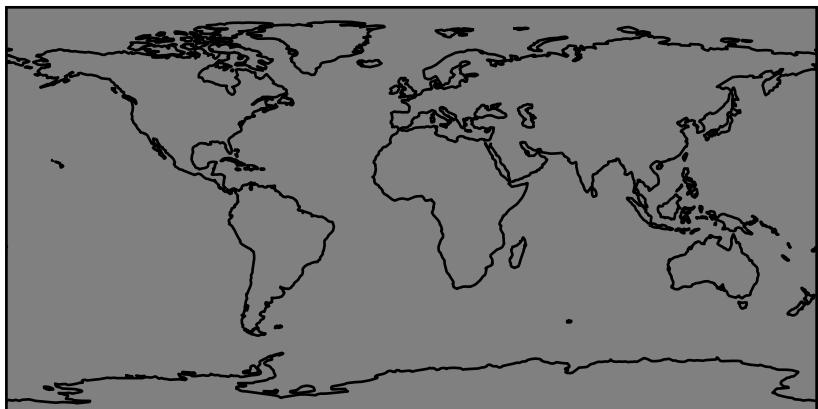
Difference (1x1.25)
Dev - Ref, Dynamic Range



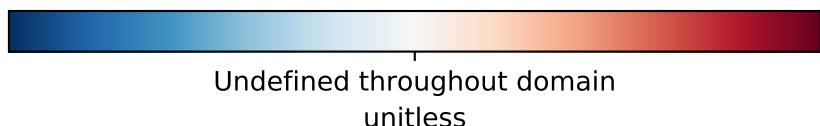
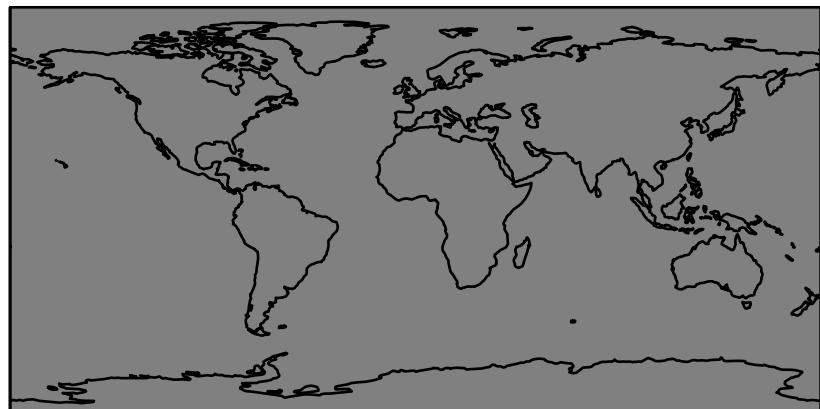
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

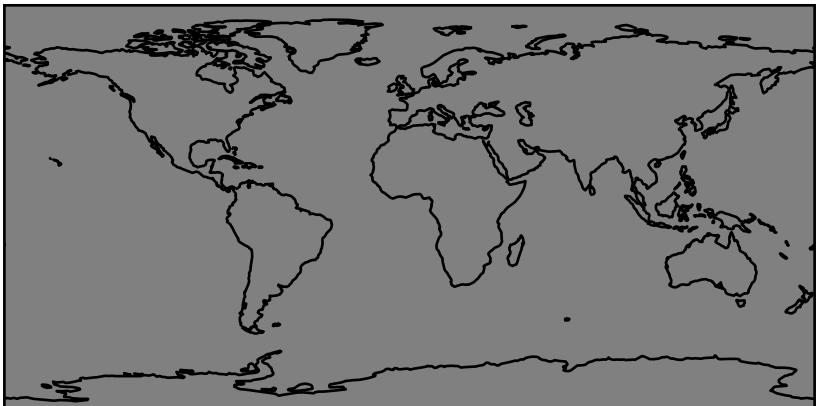


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



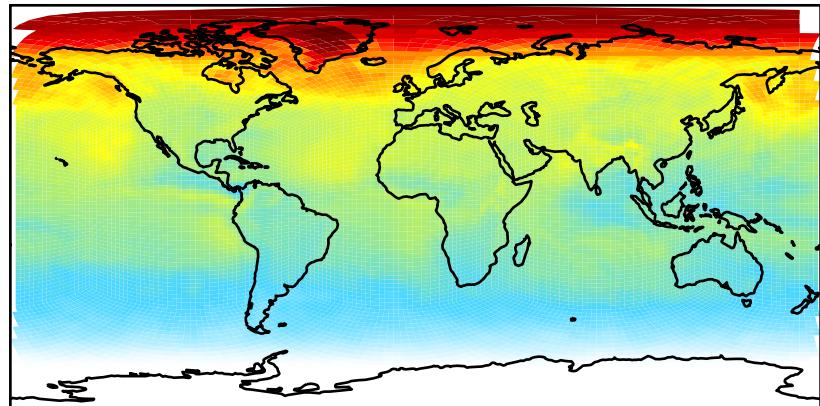
Jval_ICL

GC_12.8.0 (Ref)
4.0x5.0



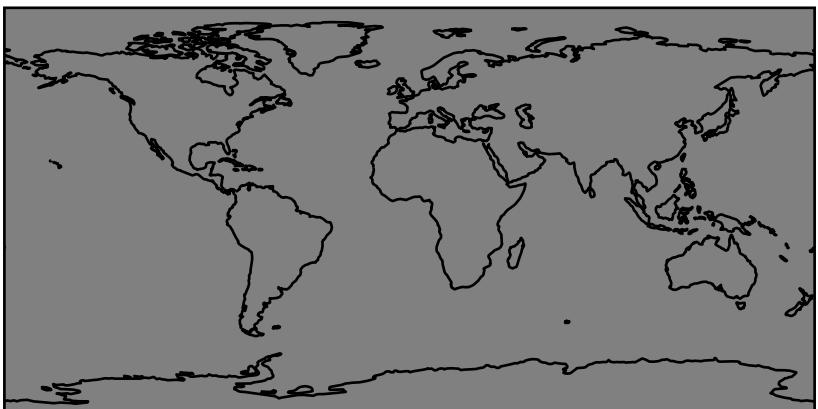
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s-1

GCHP_12.8.0 (Dev)
c48



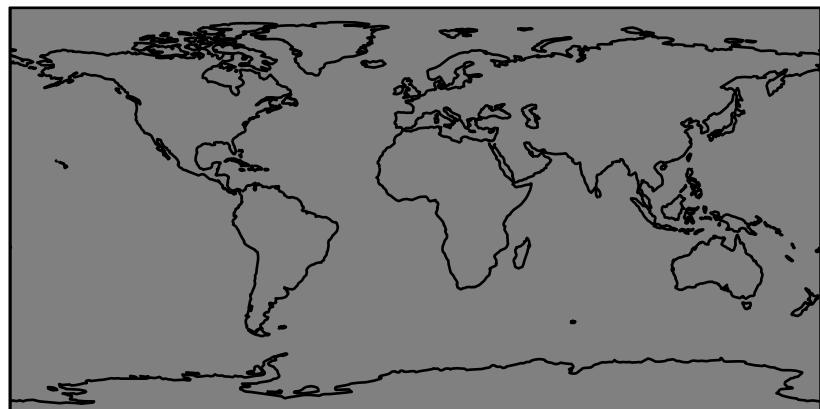
0.00 0.01 0.02 0.03
s-1

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



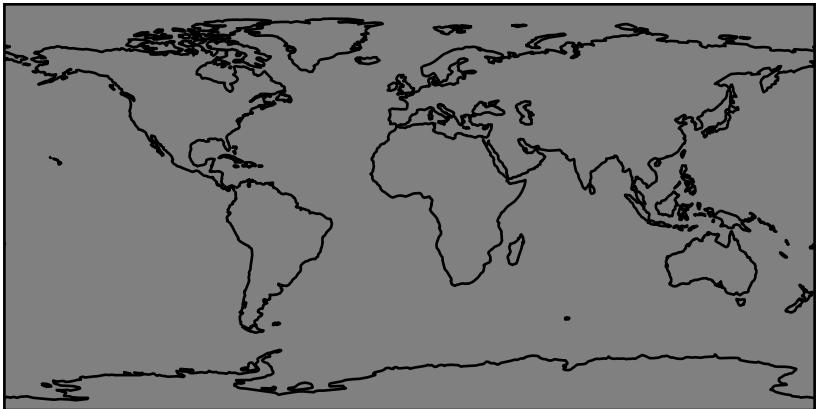
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s-1

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



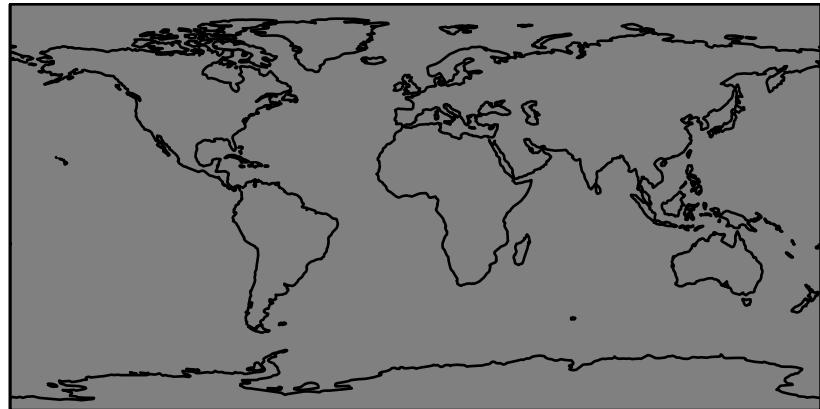
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s-1

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



Undefined throughout domain
unitless

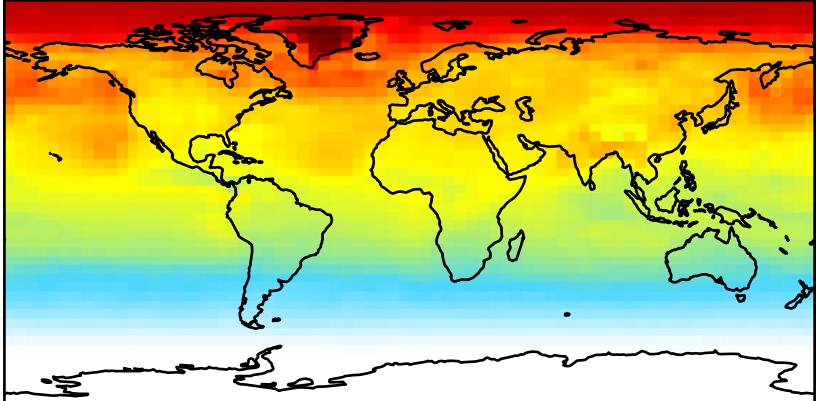
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



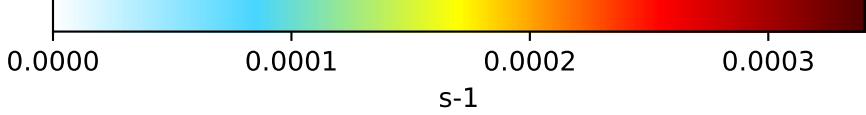
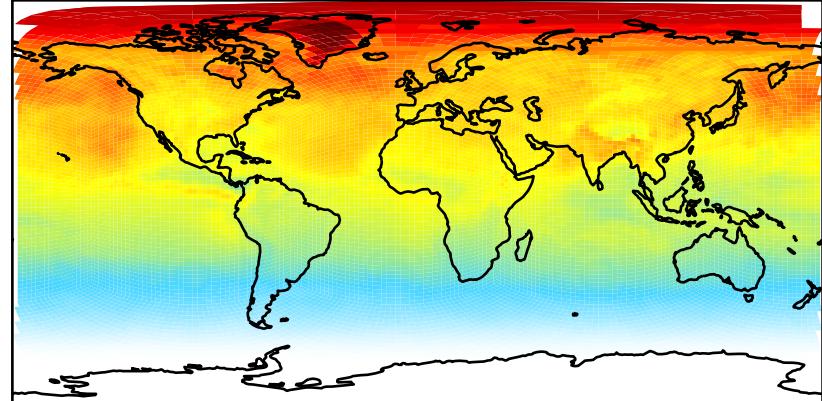
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Jval_ICN

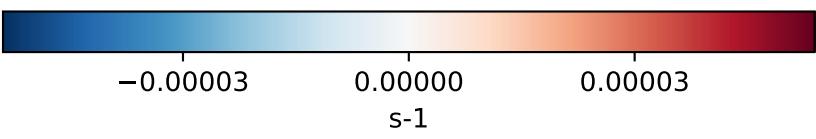
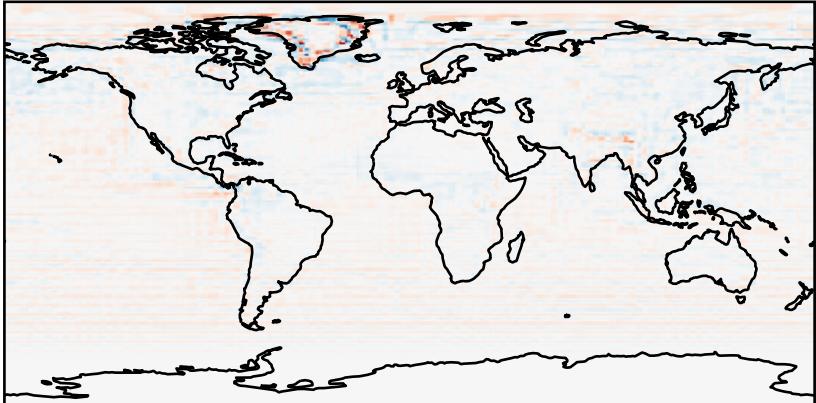
GC_12.8.0 (Ref)
4.0x5.0



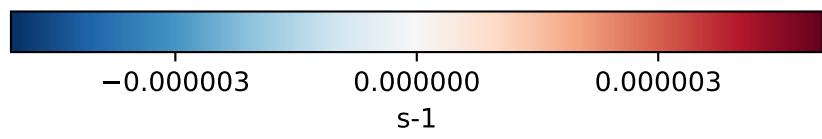
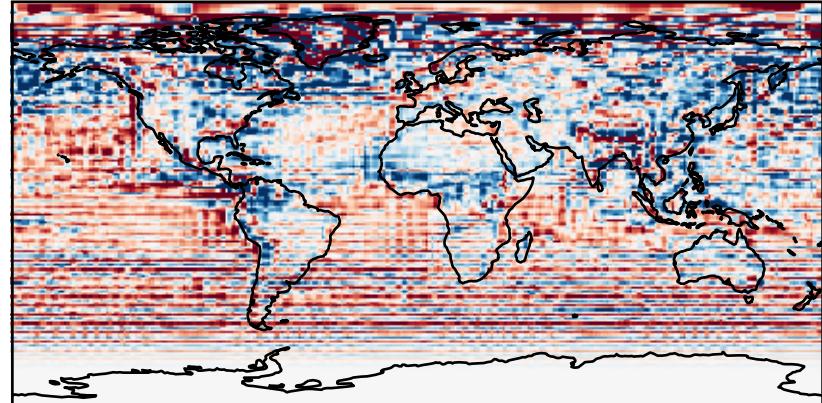
GCHP_12.8.0 (Dev)
c48



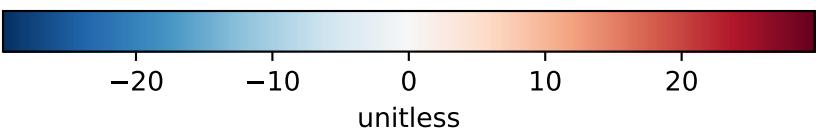
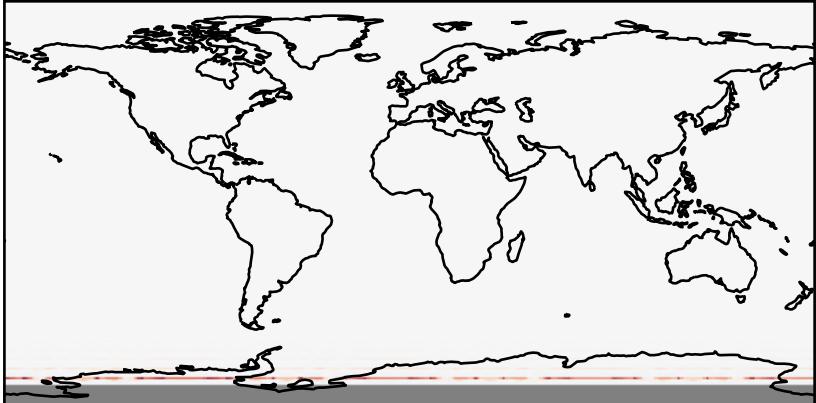
Difference (1x1.25)
Dev - Ref, Dynamic Range



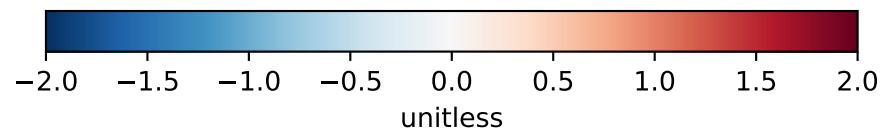
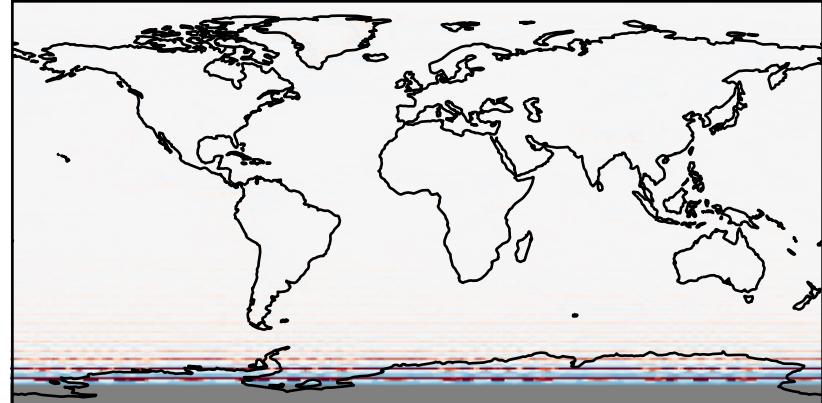
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

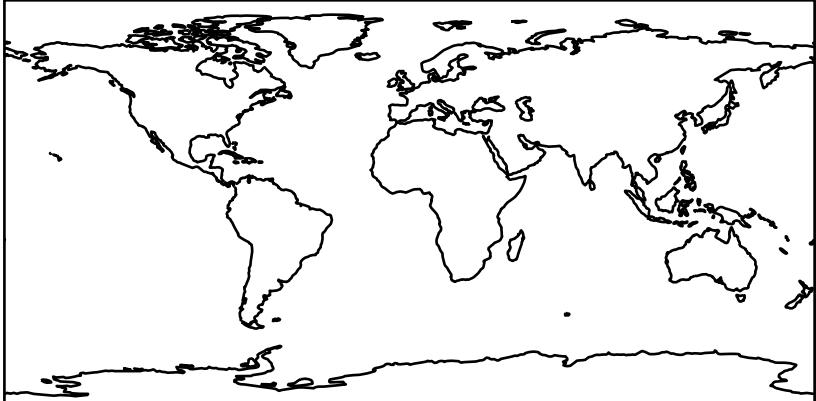


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



Jval_ICPDH

GC_12.8.0 (Ref)
4.0x5.0



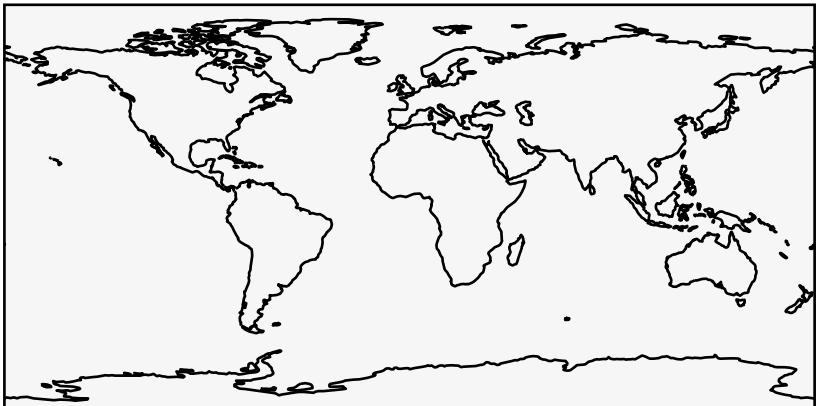
Zero throughout domain
s-1

GCHP_12.8.0 (Dev)
c48



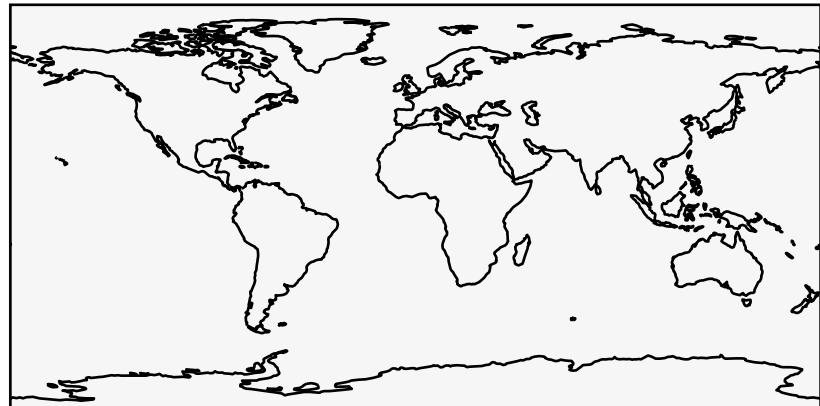
Zero throughout domain
s-1

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



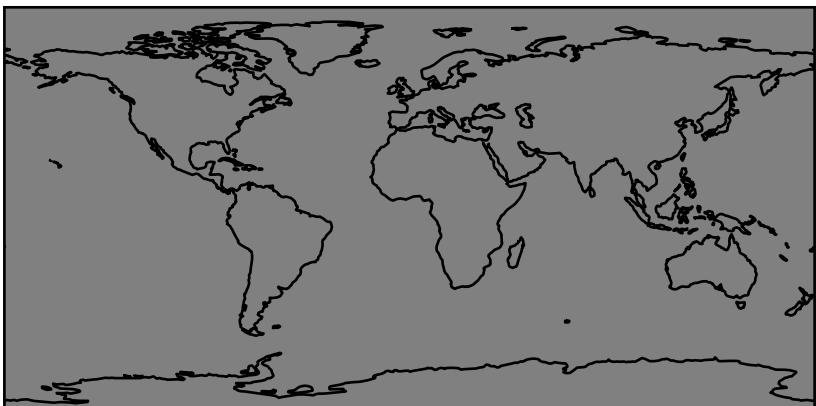
Zero throughout domain
s-1

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



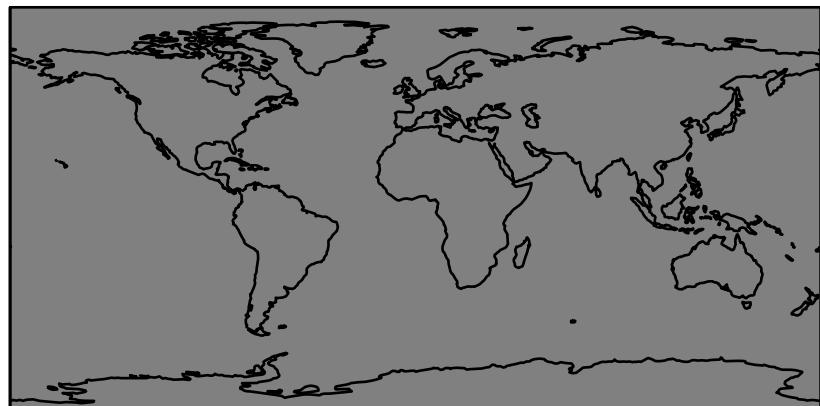
Zero throughout domain
s-1

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



Undefined throughout domain
unitless

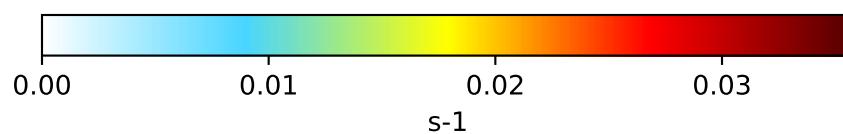
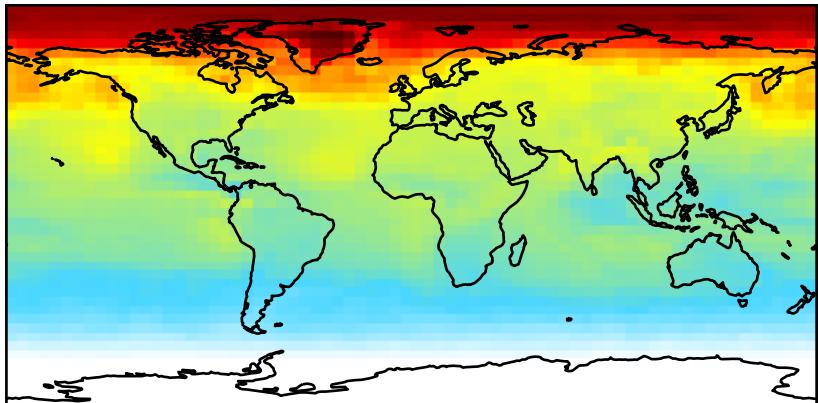
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



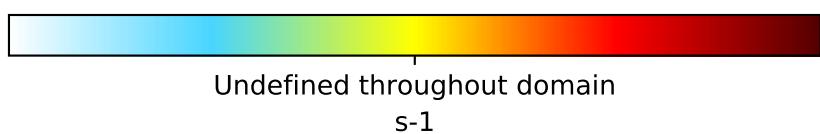
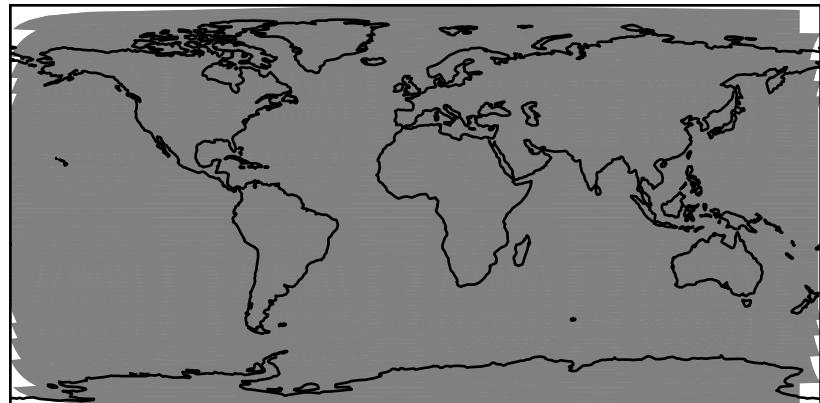
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Jval_ICI

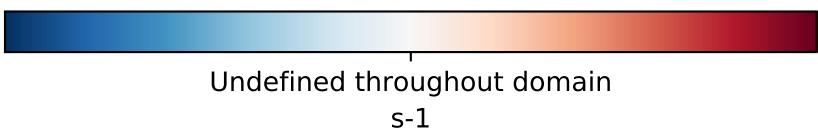
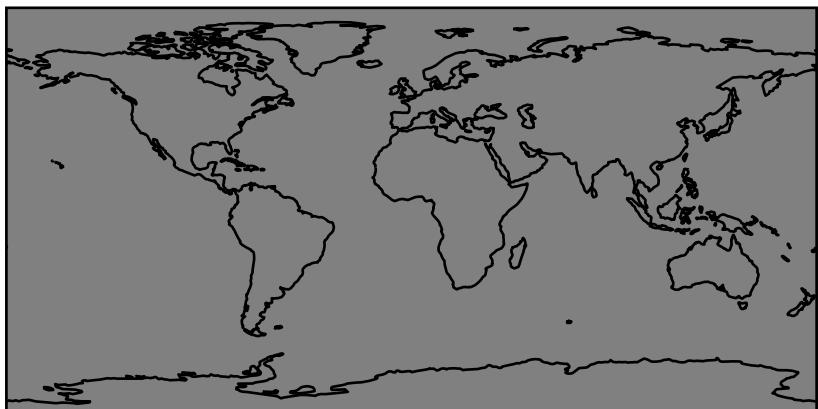
GC_12.8.0 (Ref)
4.0x5.0



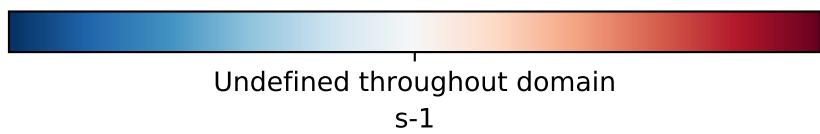
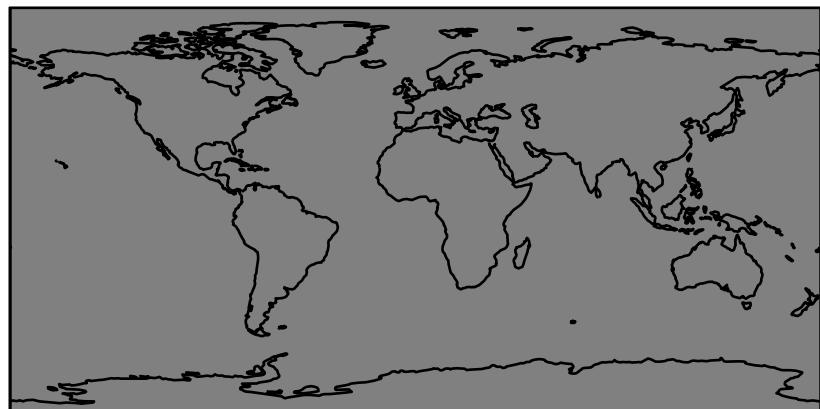
GCHP_12.8.0 (Dev)
c48



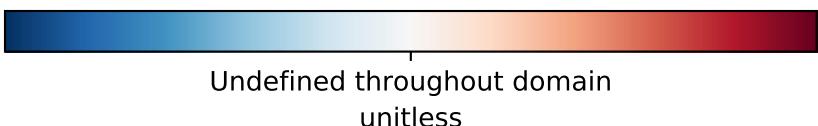
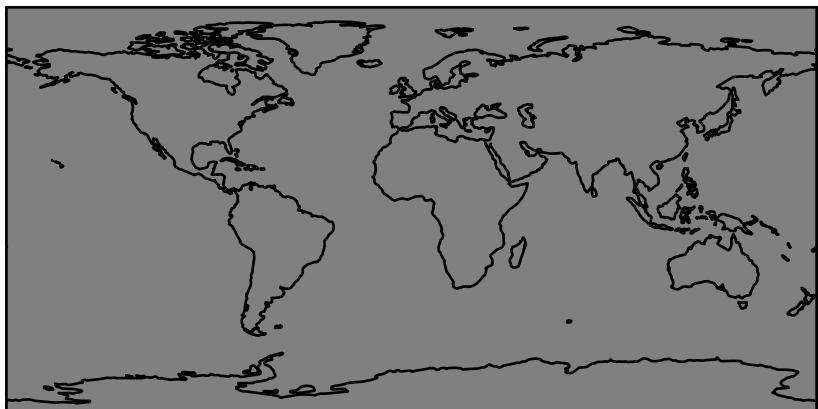
Difference (1x1.25)
Dev - Ref, Dynamic Range



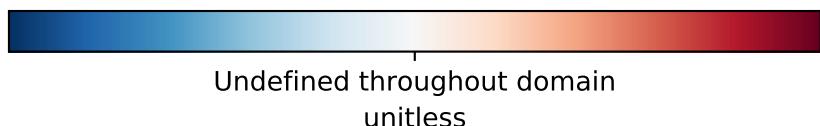
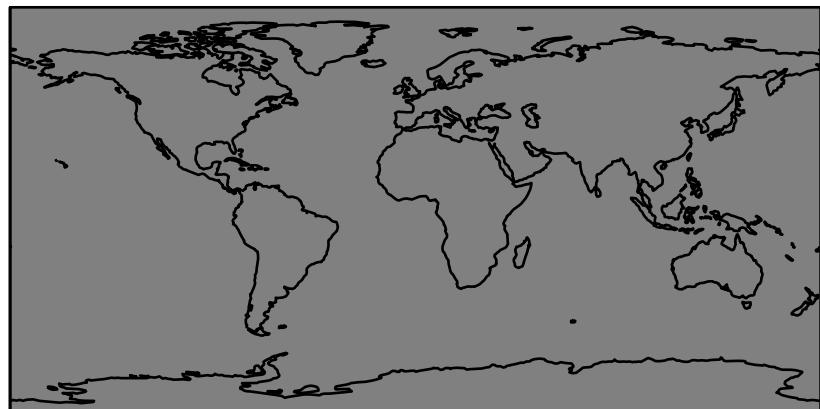
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

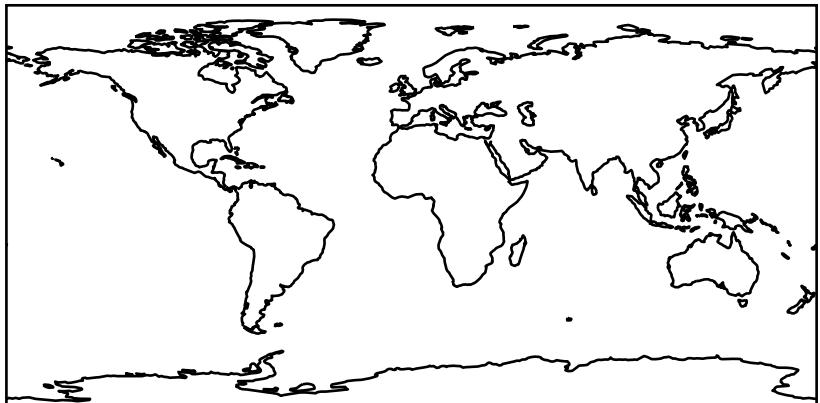


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



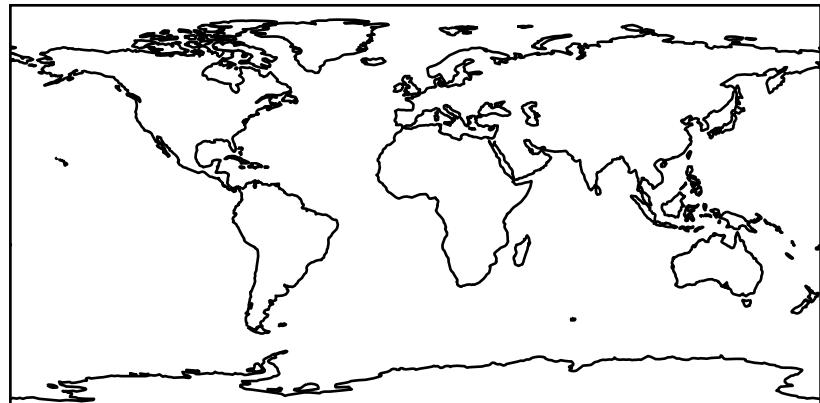
Jval_IDCHP

GC_12.8.0 (Ref)
4.0x5.0



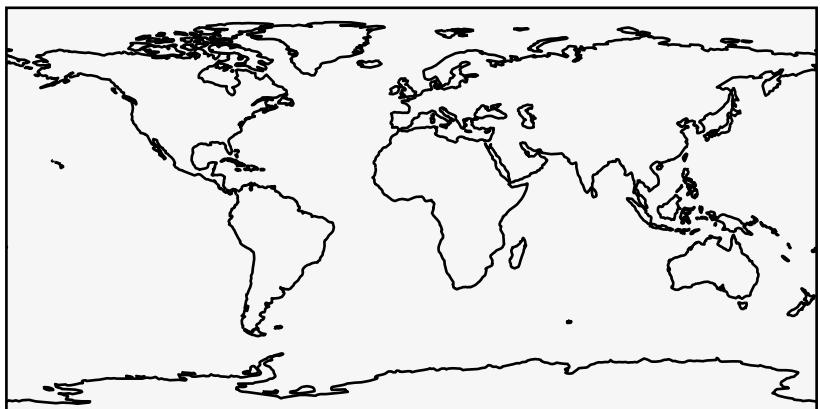
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s-1

GCHP_12.8.0 (Dev)
c48



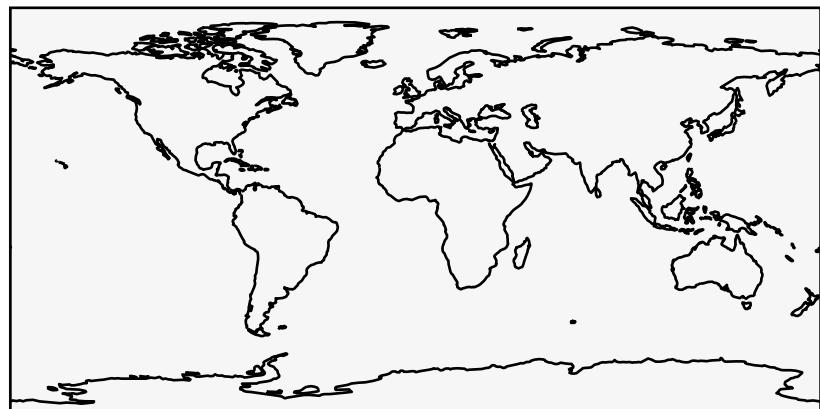
Zero throughout domain
s-1

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



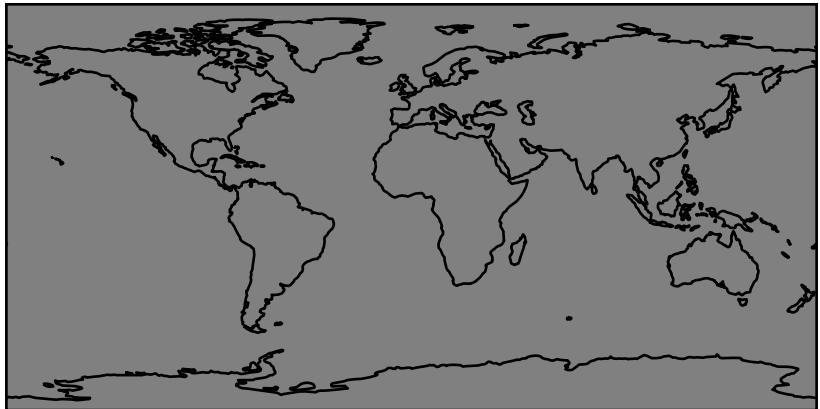
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s-1

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



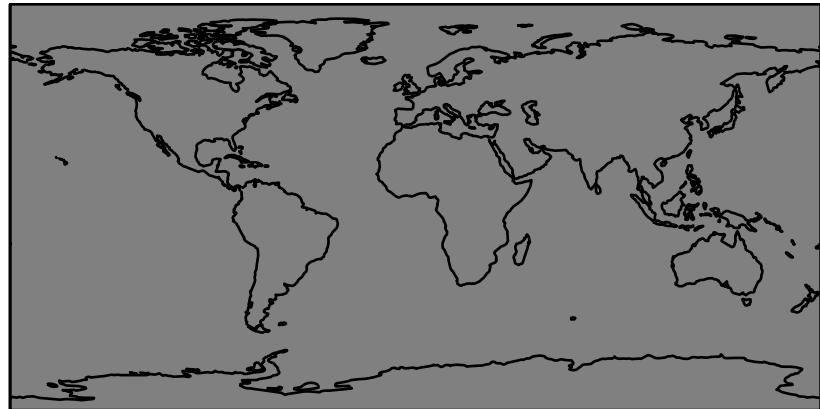
Zero throughout domain
s-1

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



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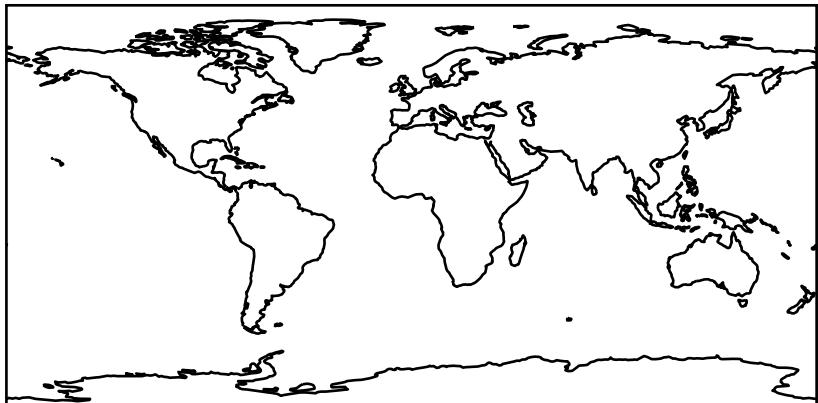
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



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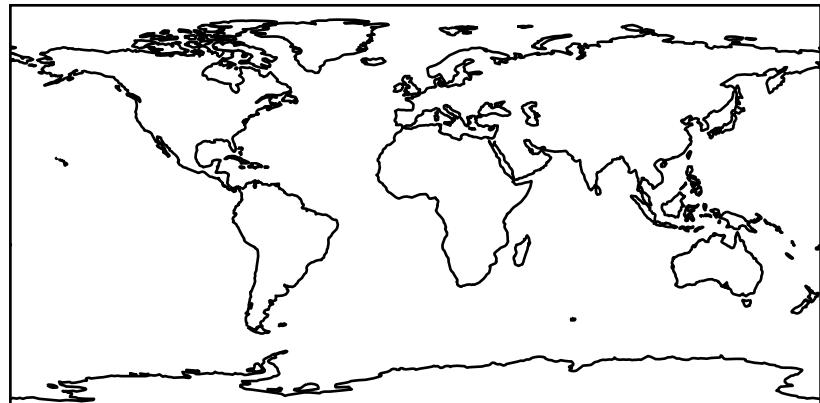
Jval_IDHDP

GC_12.8.0 (Ref)
4.0x5.0



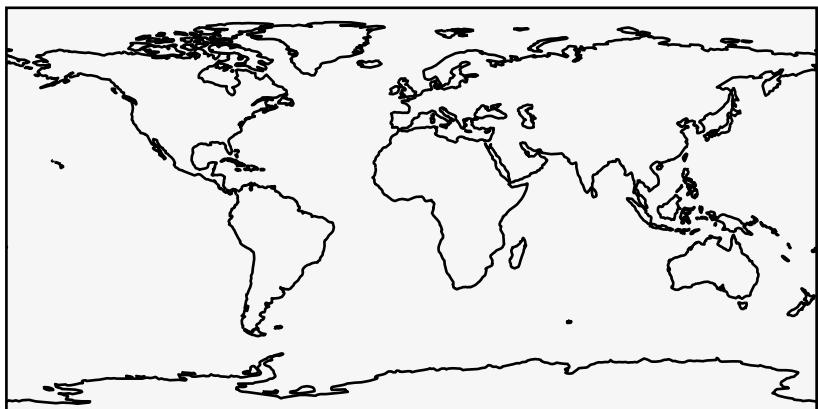
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s-1

GCHP_12.8.0 (Dev)
c48



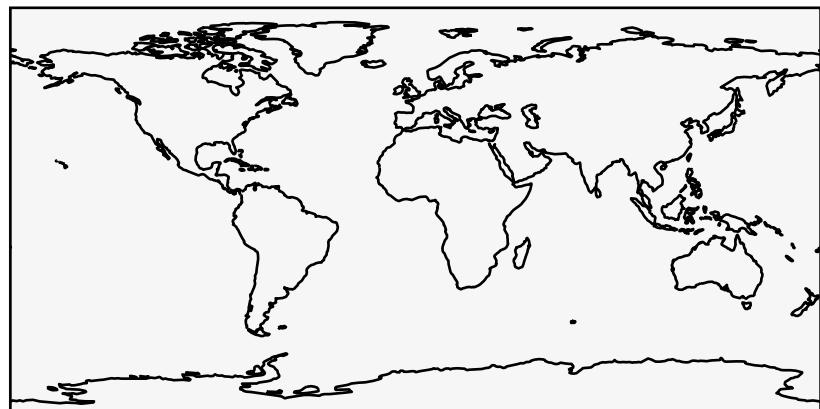
Zero throughout domain
s-1

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



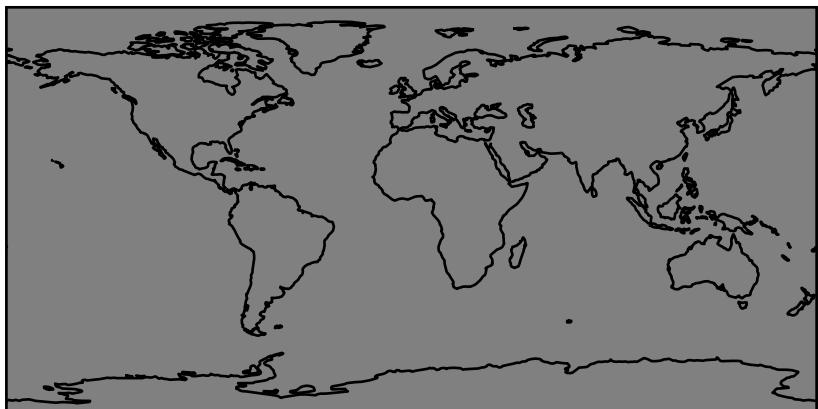
Zero throughout domain
s-1

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



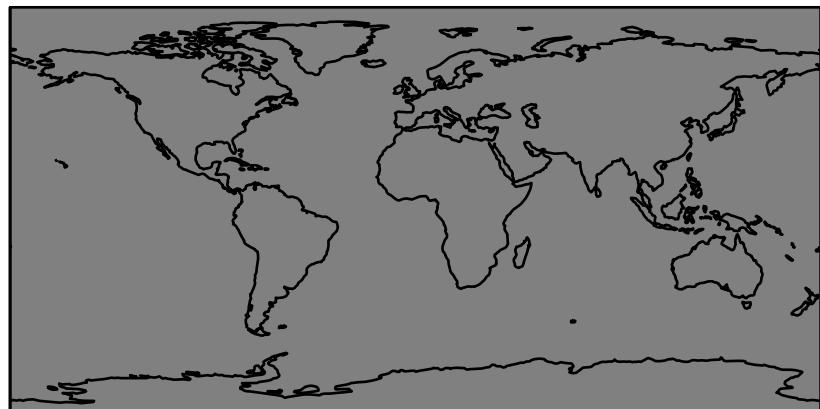
Zero throughout domain
s-1

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



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unitless

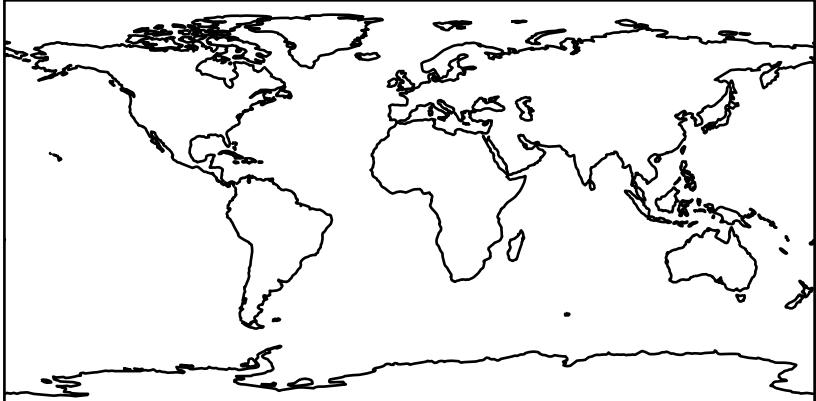
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



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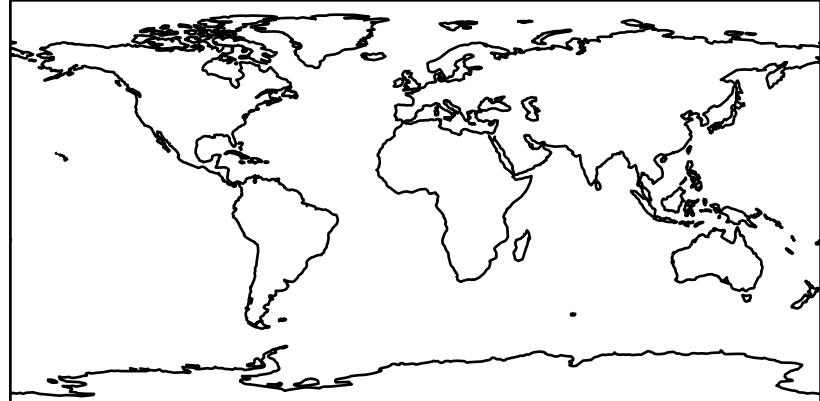
Jval_IDHPE

GC_12.8.0 (Ref)
4.0x5.0



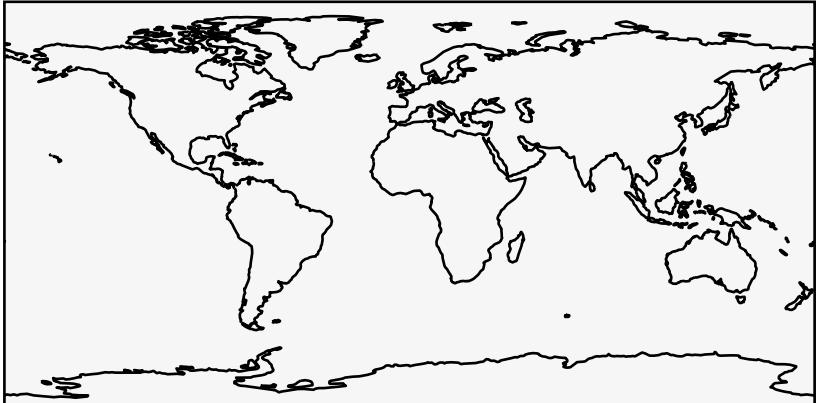
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s-1

GCHP_12.8.0 (Dev)
c48



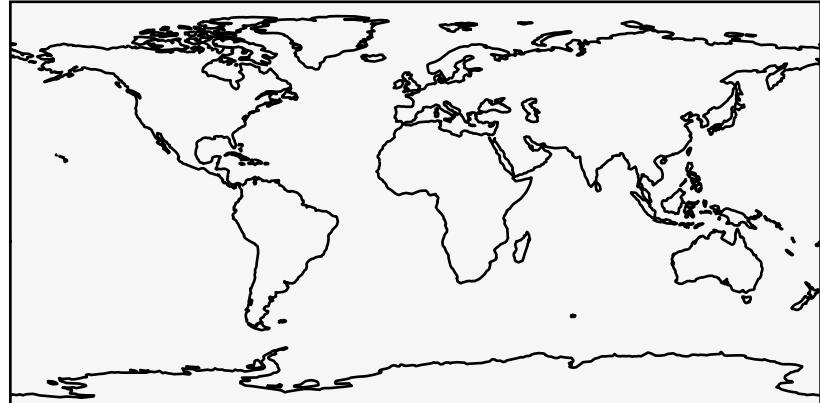
Zero throughout domain
s-1

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



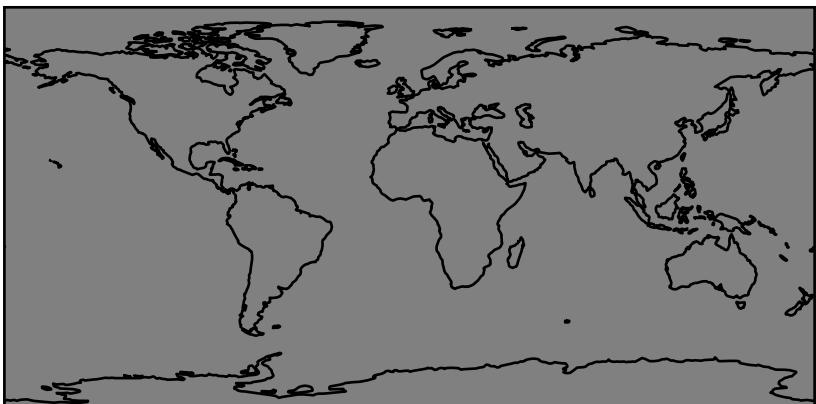
Zero throughout domain
s-1

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



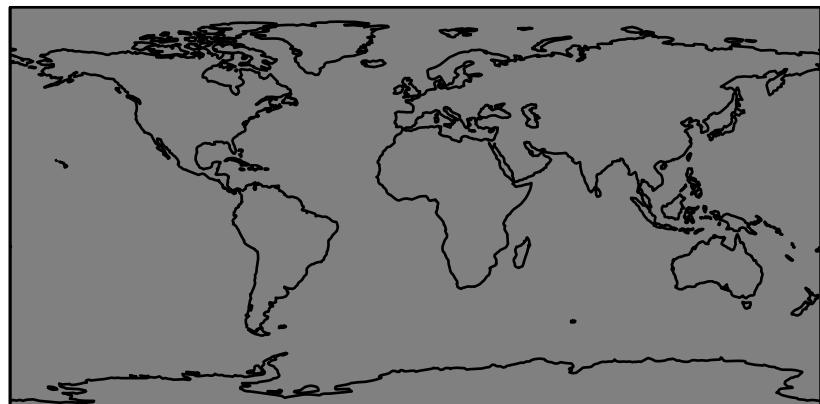
Zero throughout domain
s-1

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



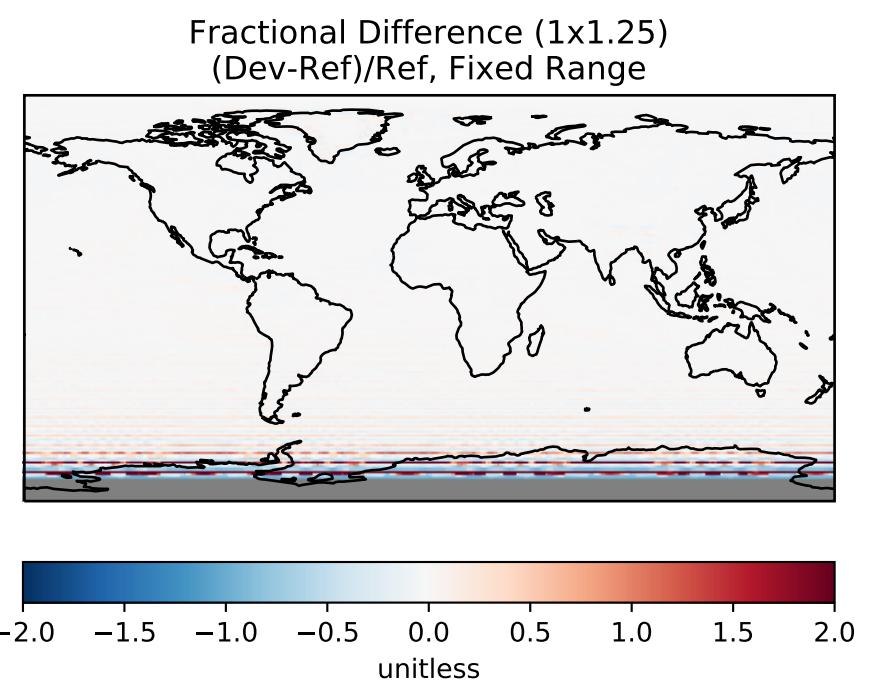
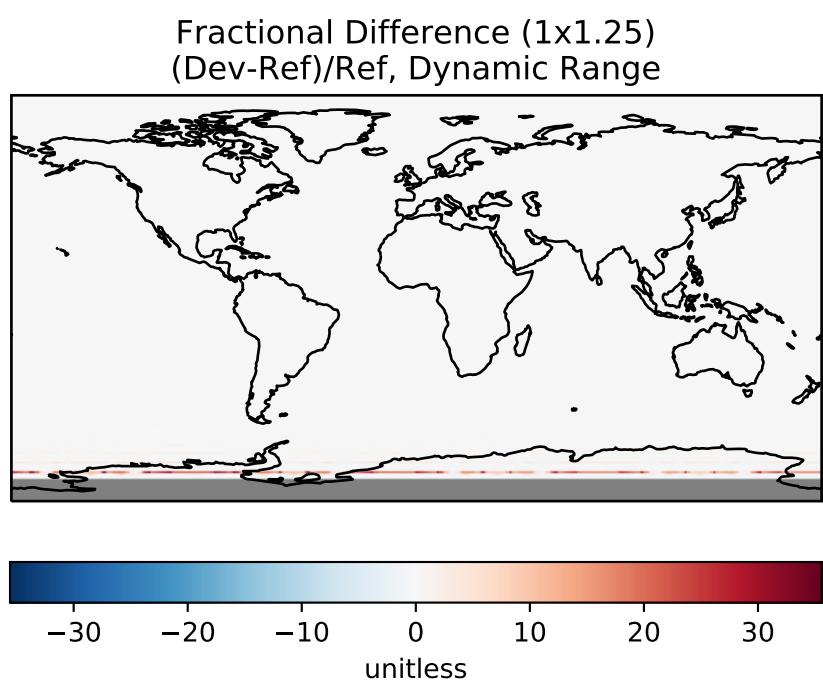
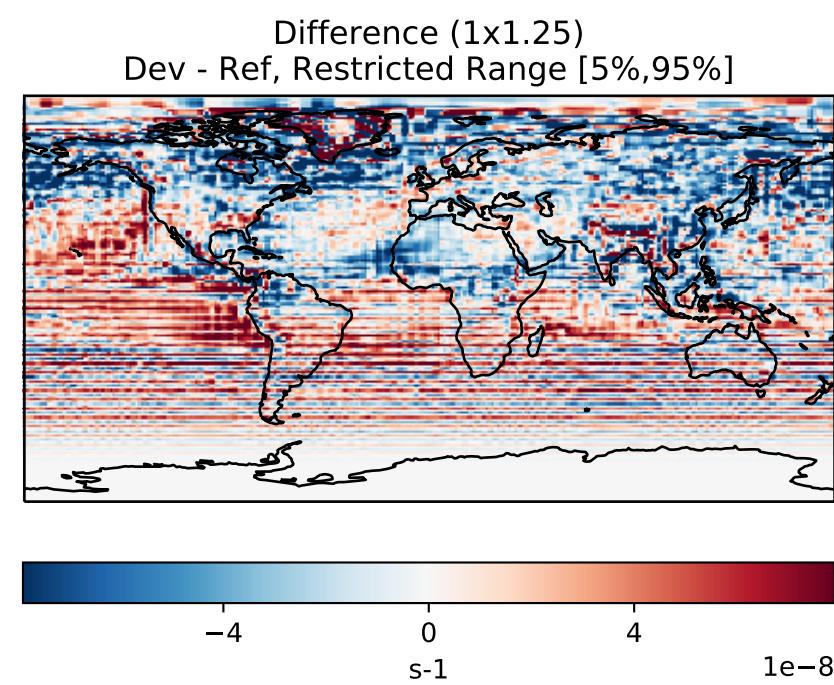
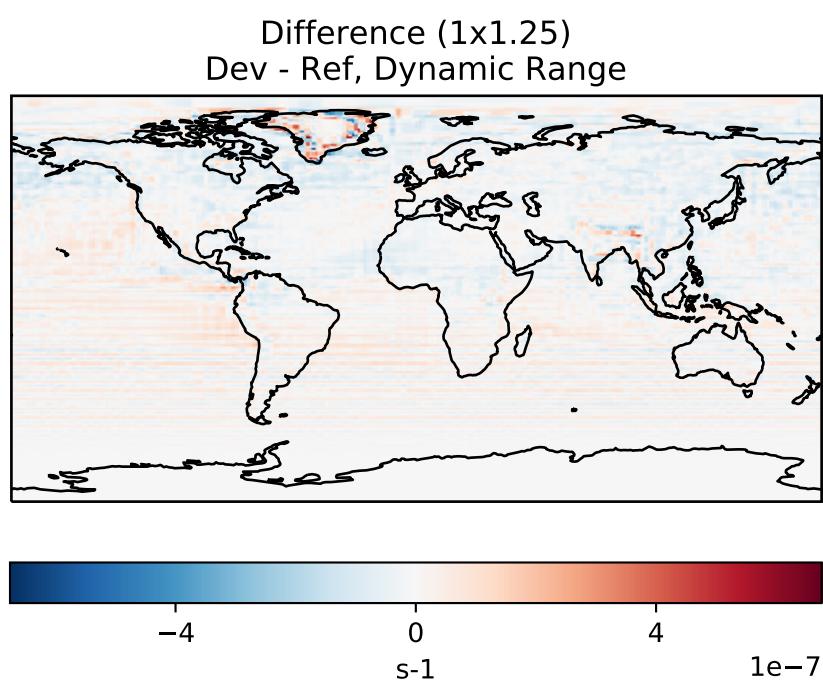
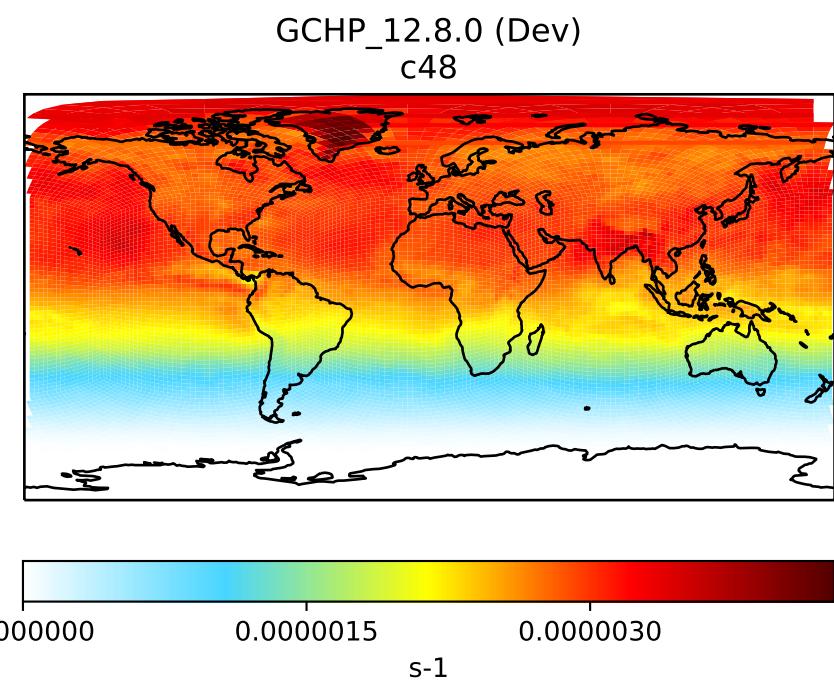
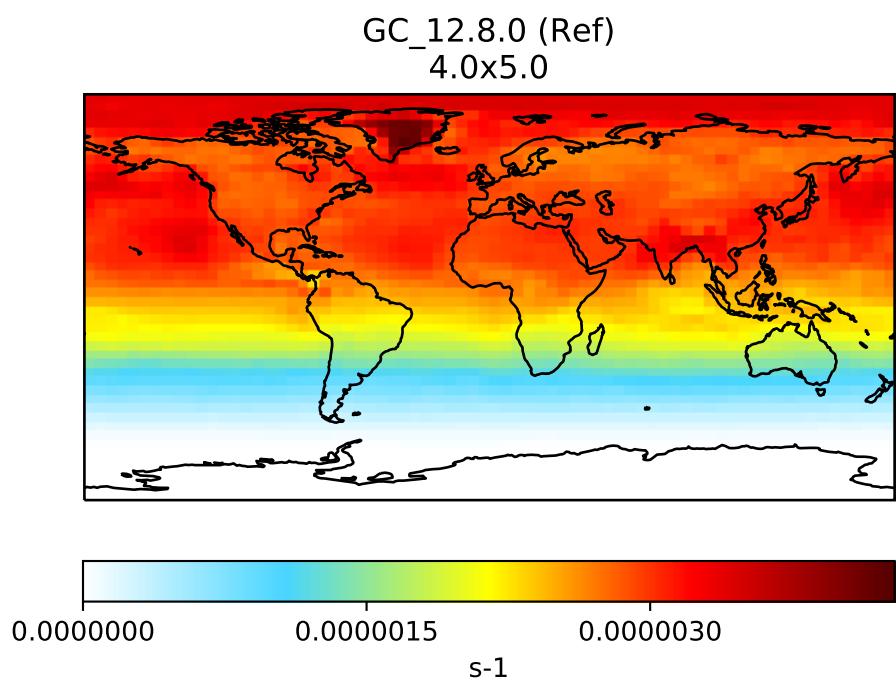
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Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



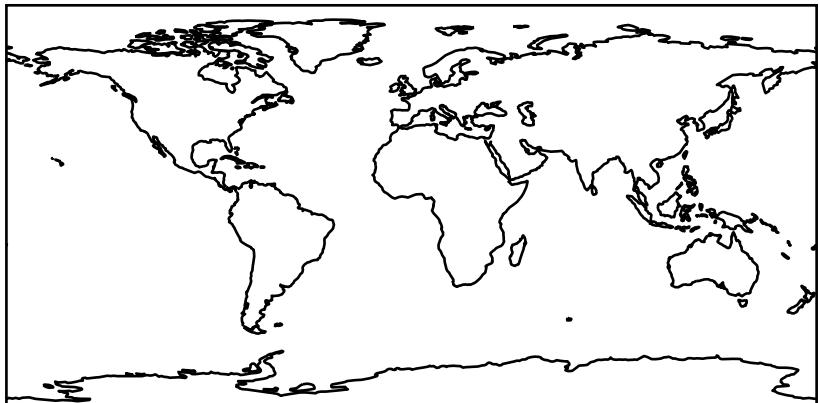
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Jval_IDN



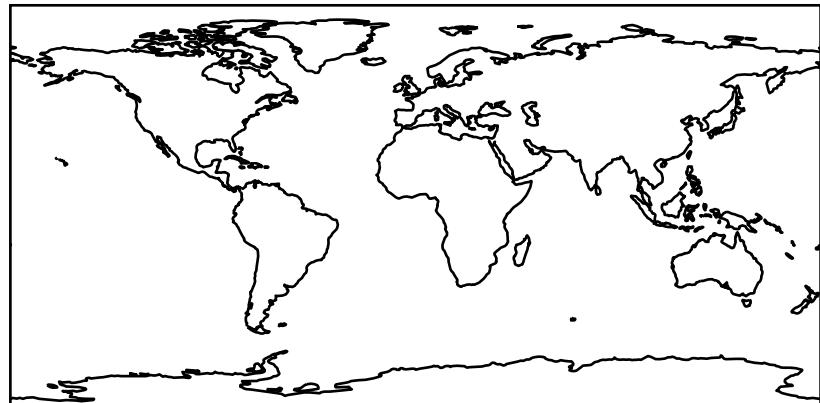
Jval_IHN1

GC_12.8.0 (Ref)
4.0x5.0



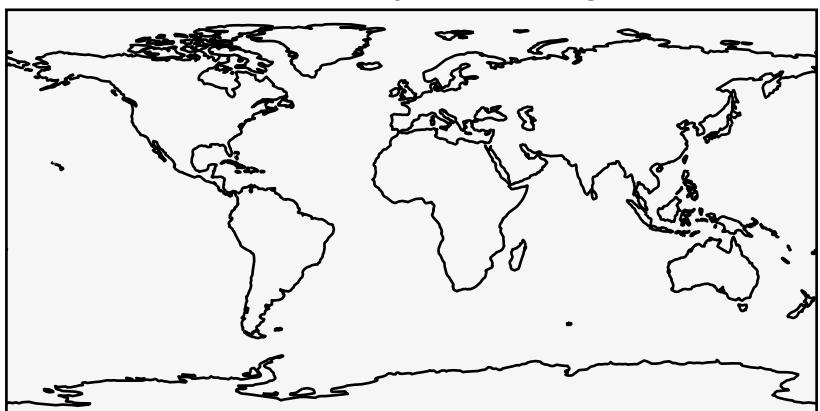
Zero throughout domain
s-1

GCHP_12.8.0 (Dev)
c48



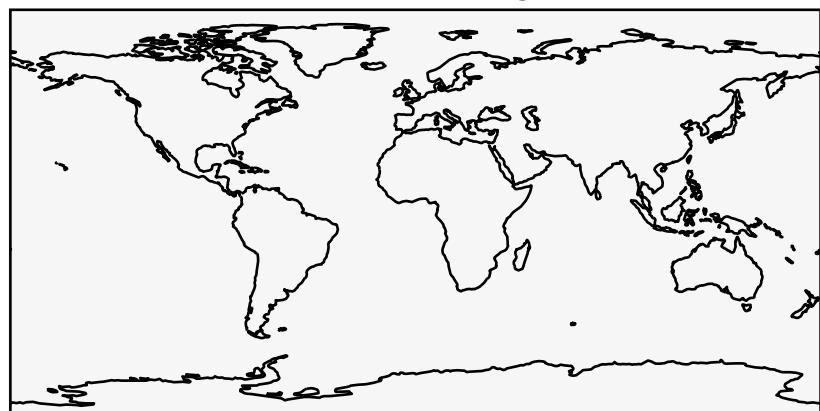
Zero throughout domain
s-1

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



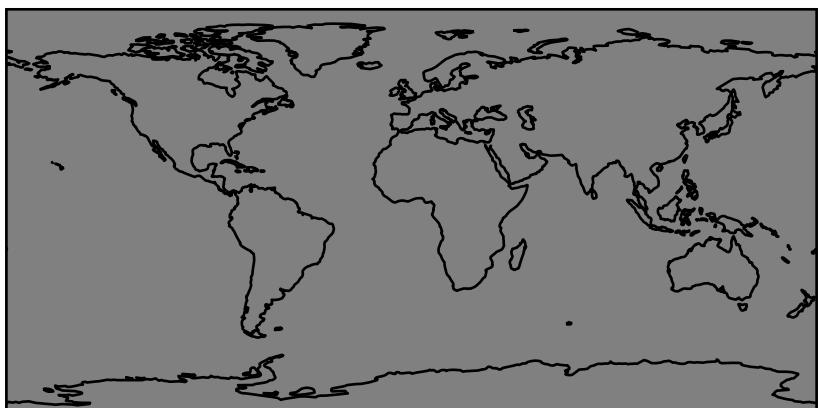
Zero throughout domain
s-1

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



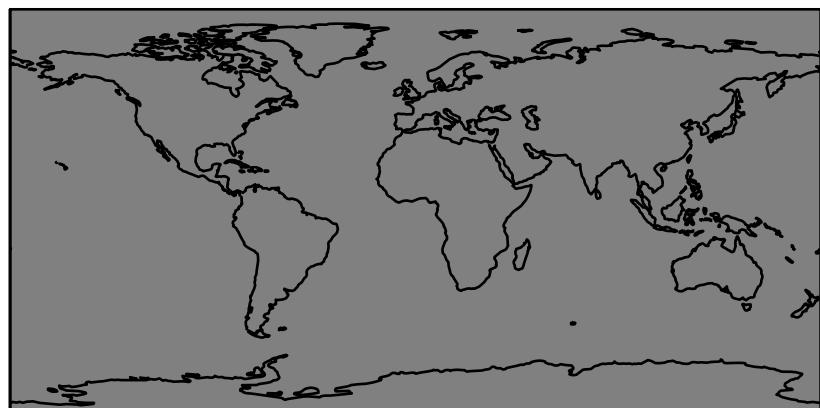
Zero throughout domain
s-1

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



Undefined throughout domain
unitless

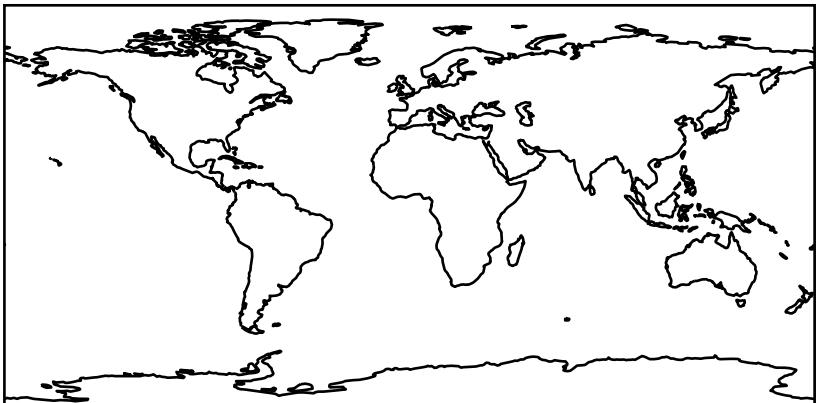
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



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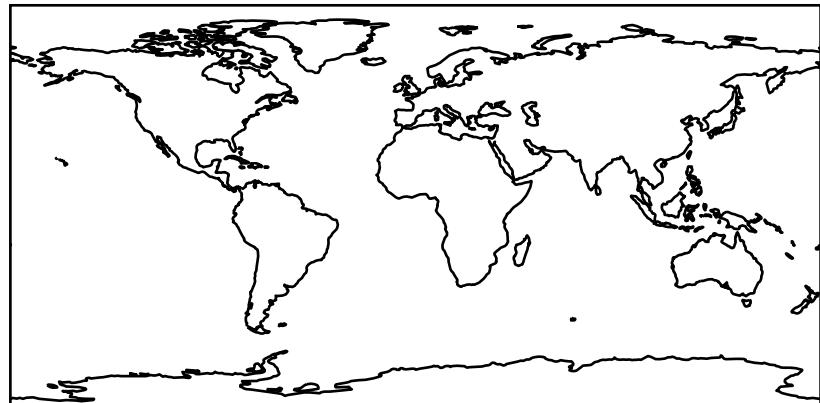
Jval_IHN2

GC_12.8.0 (Ref)
4.0x5.0



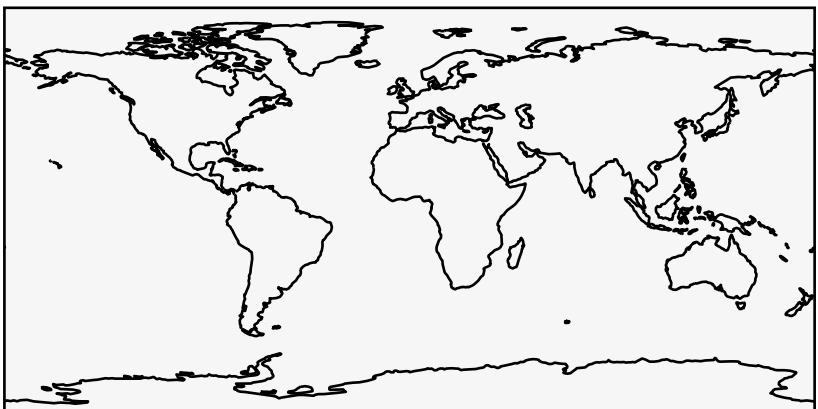
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s-1

GCHP_12.8.0 (Dev)
c48



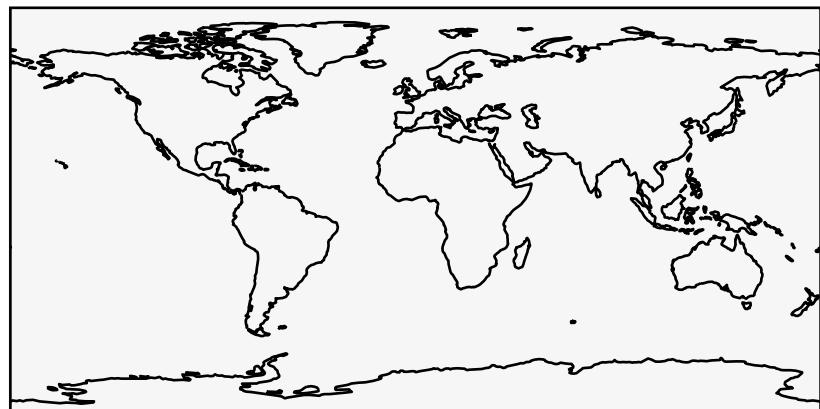
Zero throughout domain
s-1

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



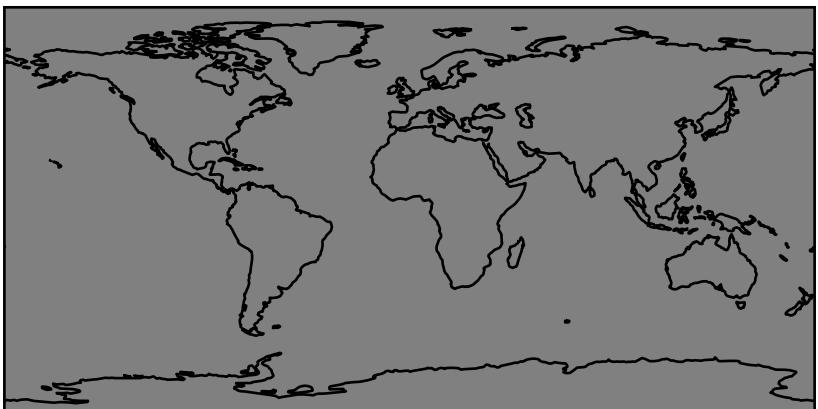
Zero throughout domain
s-1

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



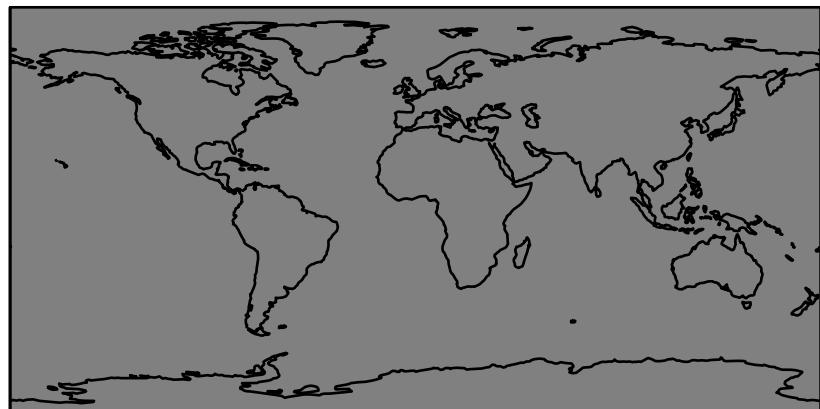
Zero throughout domain
s-1

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



Undefined throughout domain
unitless

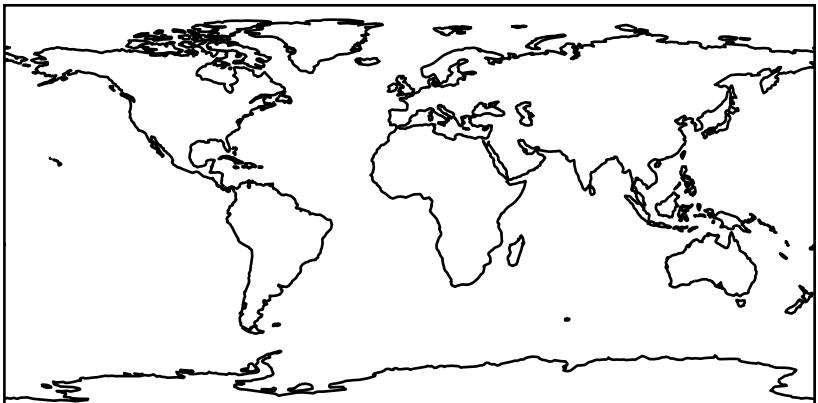
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



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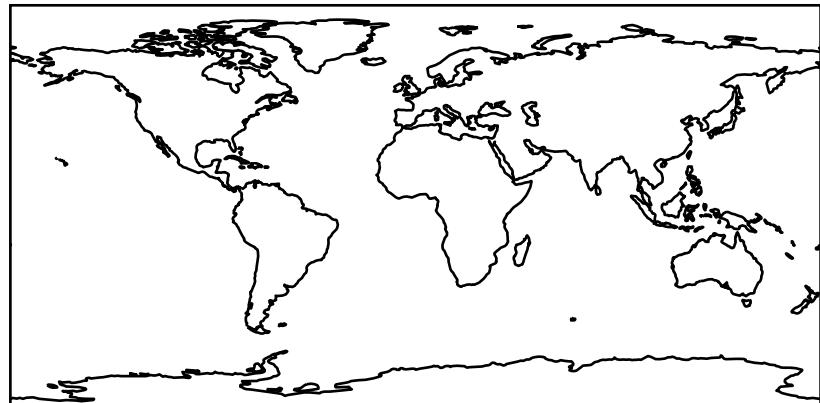
Jval_IHN3

GC_12.8.0 (Ref)
4.0x5.0



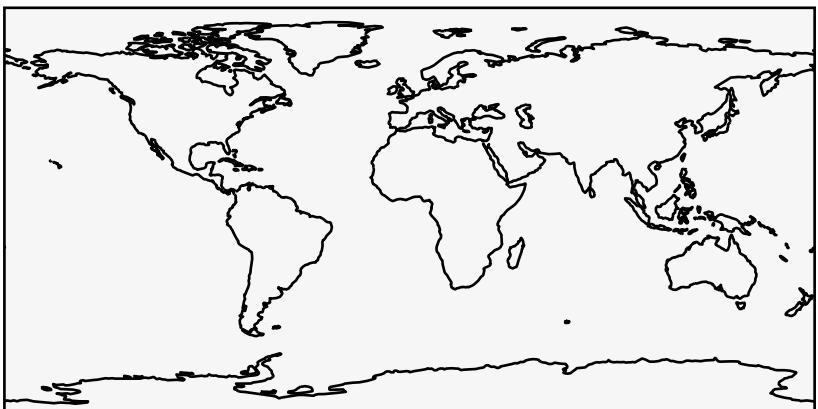
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s-1

GCHP_12.8.0 (Dev)
c48



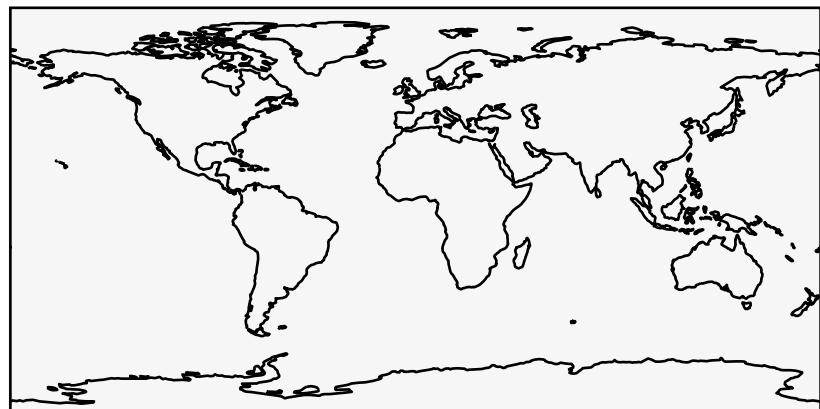
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Difference (1x1.25)
Dev - Ref, Dynamic Range



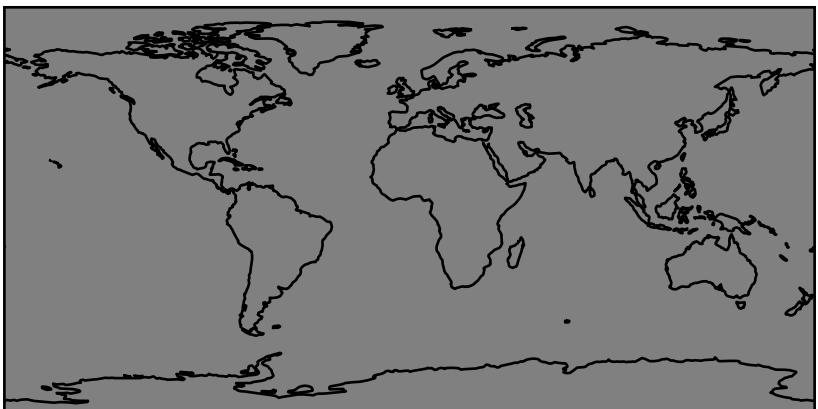
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s-1

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



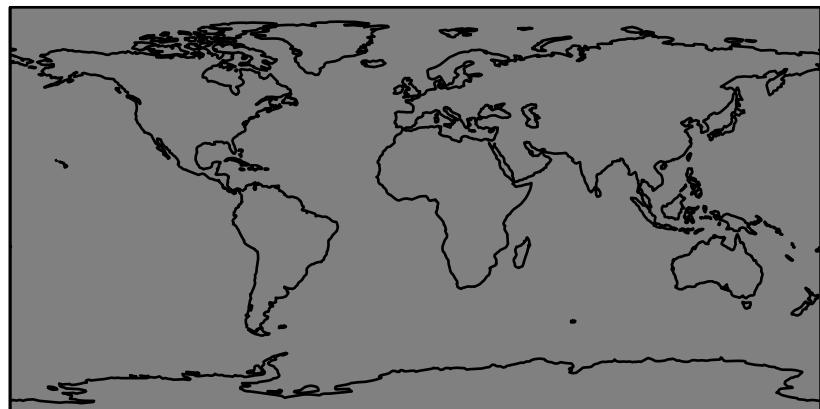
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s-1

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



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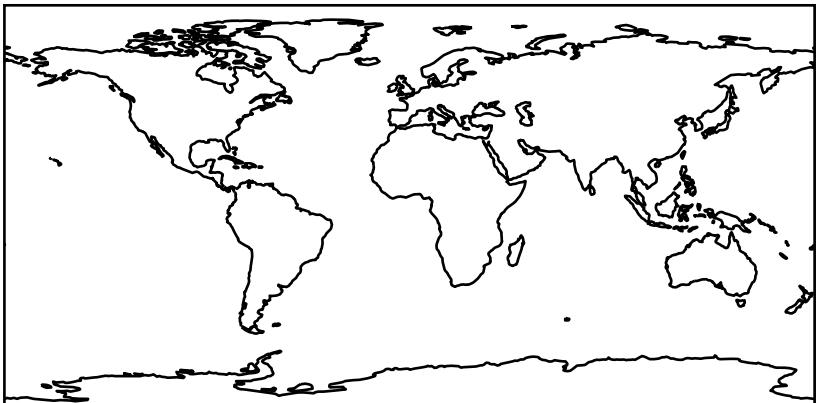
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



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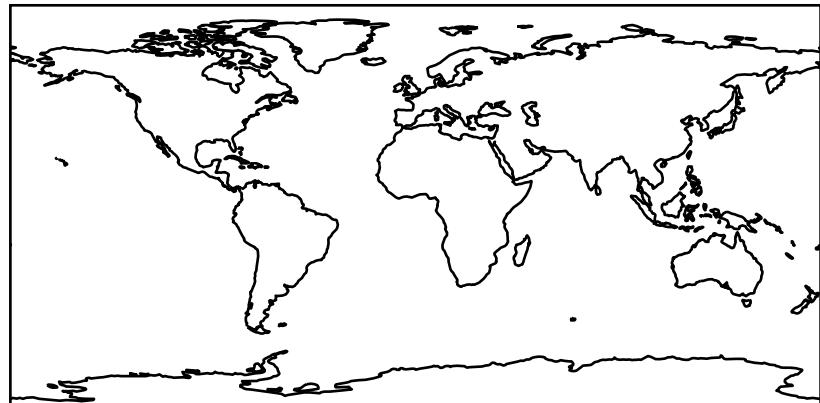
Jval_IHN4

GC_12.8.0 (Ref)
4.0x5.0



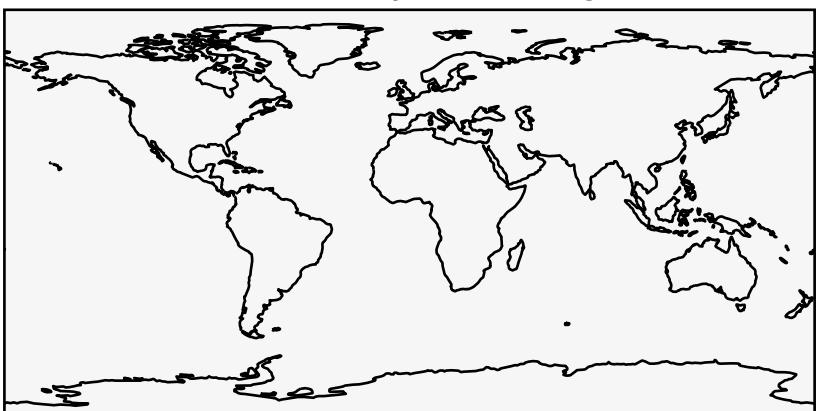
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s-1

GCHP_12.8.0 (Dev)
c48



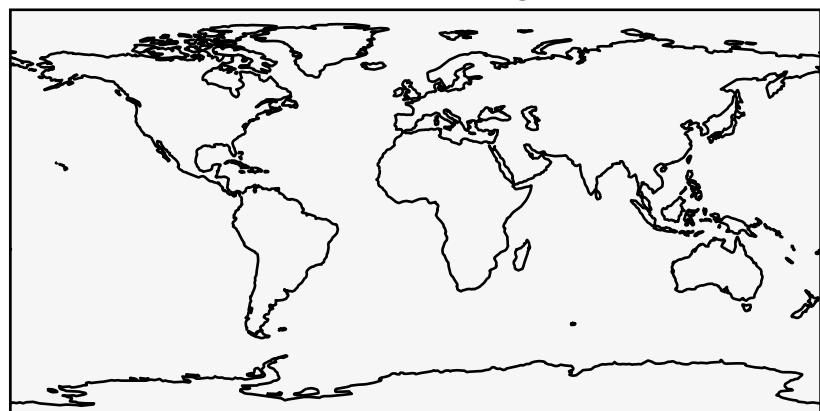
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Difference (1x1.25)
Dev - Ref, Dynamic Range



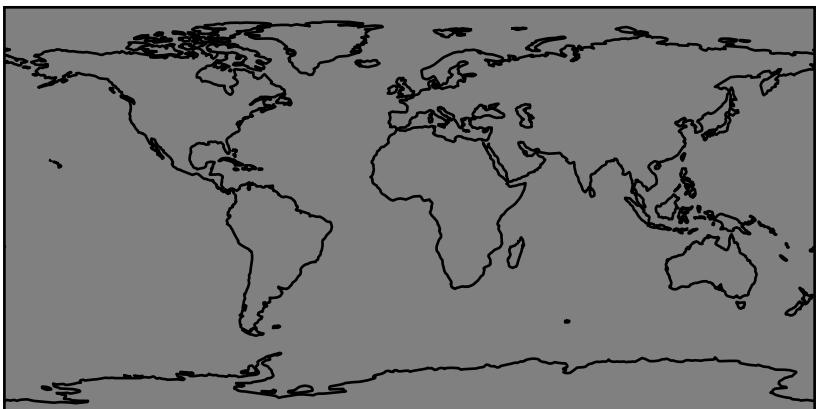
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s-1

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



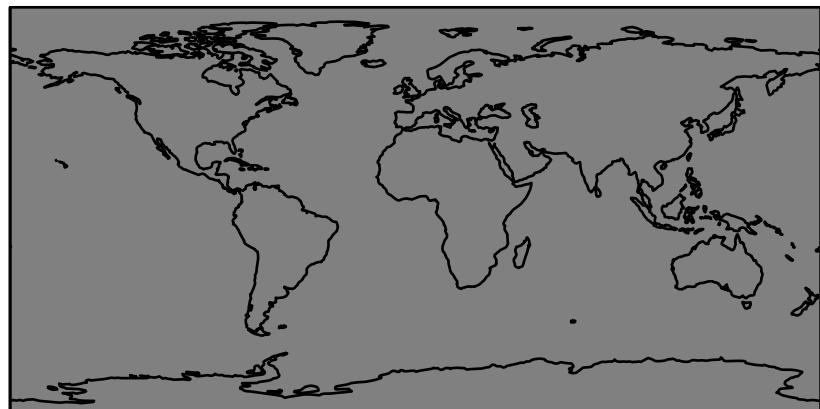
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s-1

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



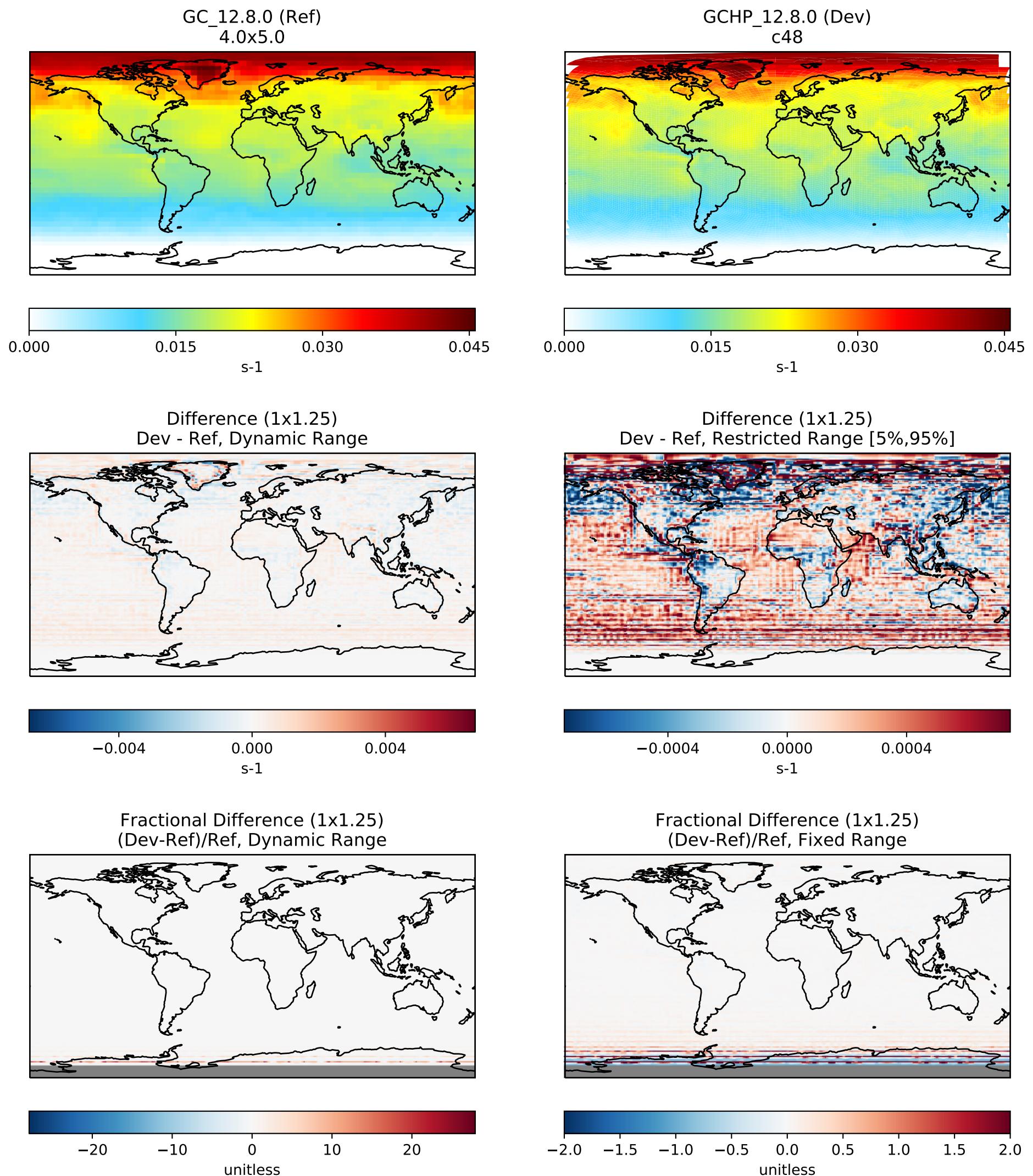
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Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



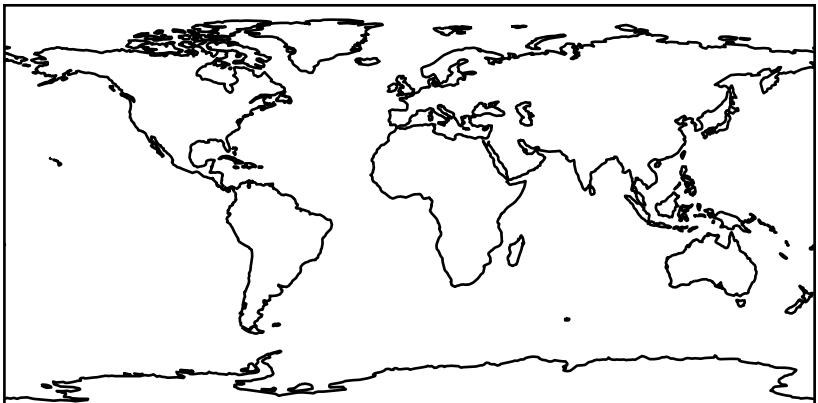
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Jval_INO

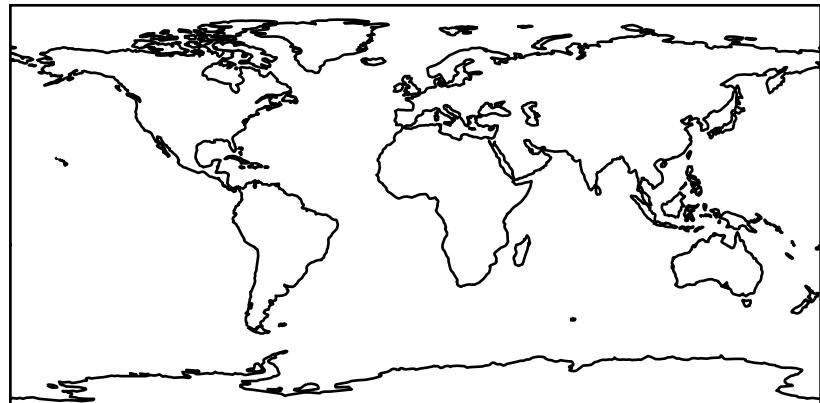


Jval_INPB

GC_12.8.0 (Ref)
4.0x5.0



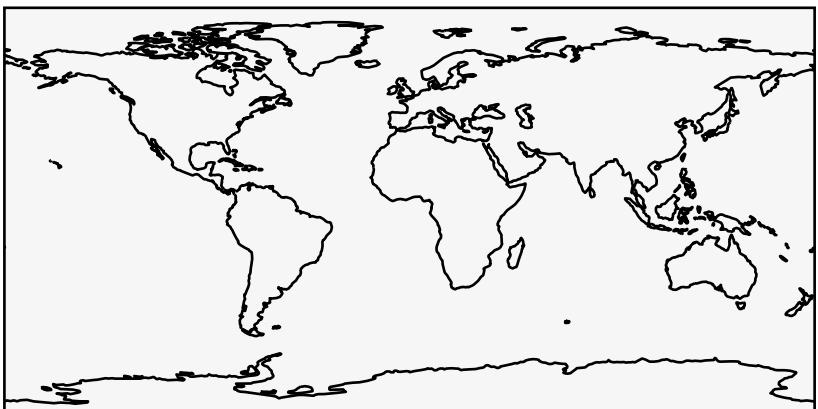
GCHP_12.8.0 (Dev)
c48



Zero throughout domain
s-1

Zero throughout domain
s-1

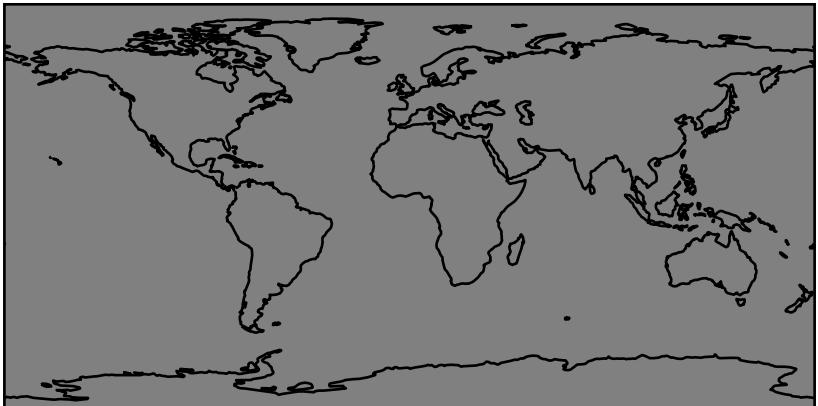
Difference (1x1.25)
Dev - Ref, Dynamic Range



Zero throughout domain
s-1

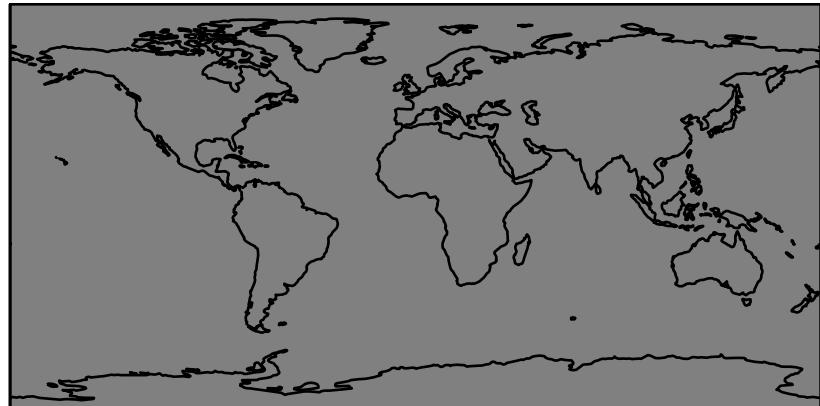
Zero throughout domain
s-1

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



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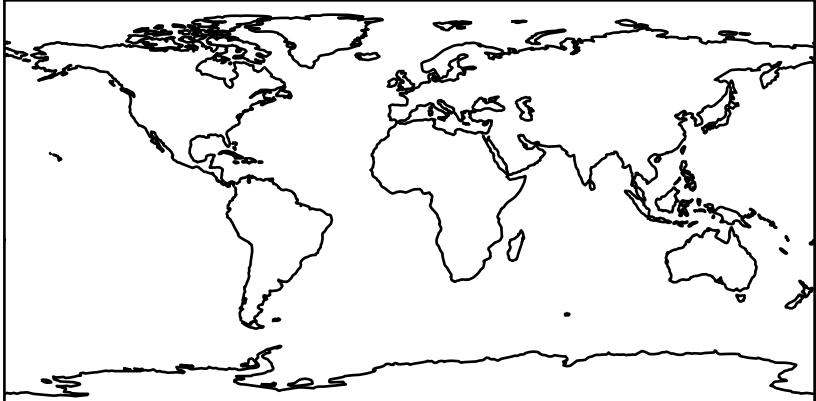
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



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unitless

Jval_INPD

GC_12.8.0 (Ref)
4.0x5.0



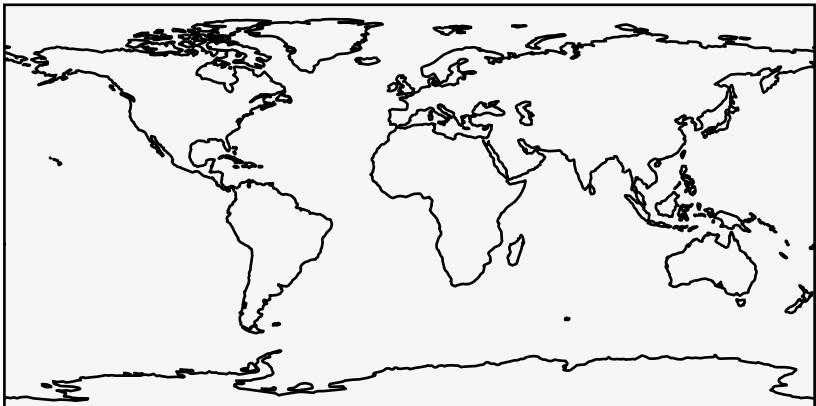
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s-1

GCHP_12.8.0 (Dev)
c48



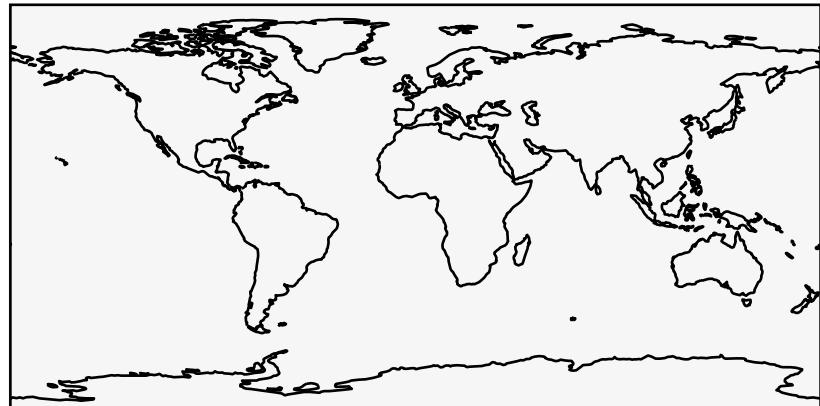
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s-1

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



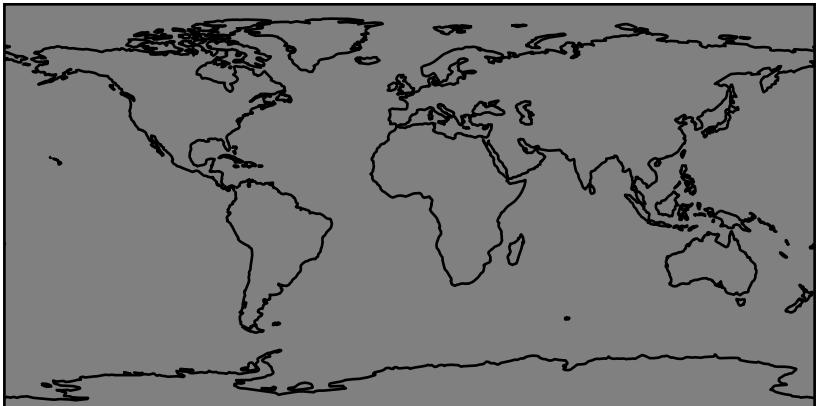
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s-1

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



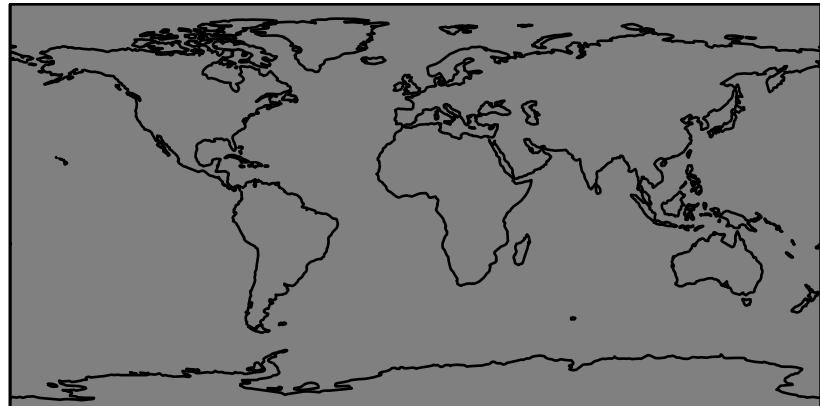
Zero throughout domain
s-1

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



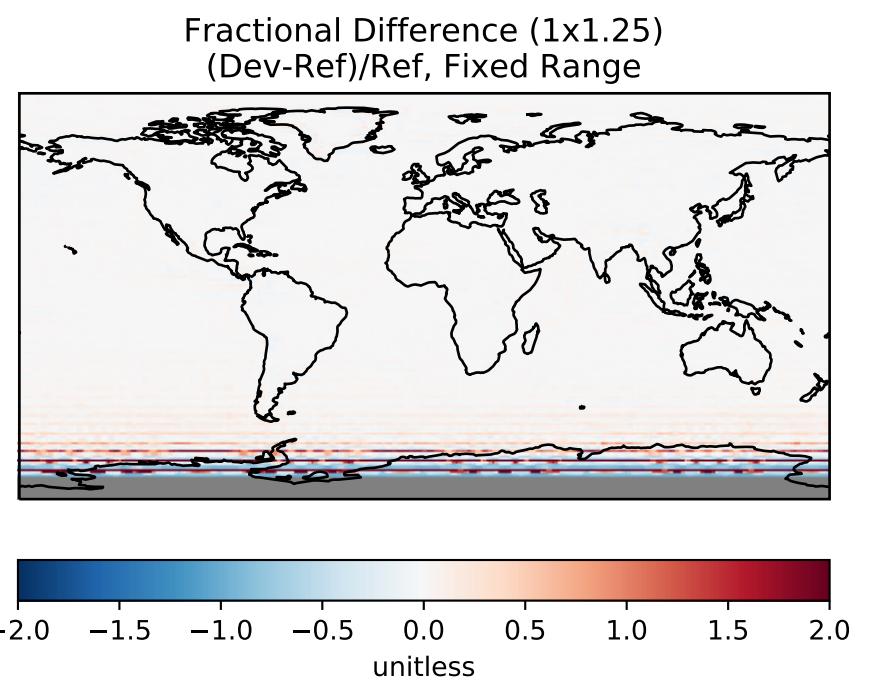
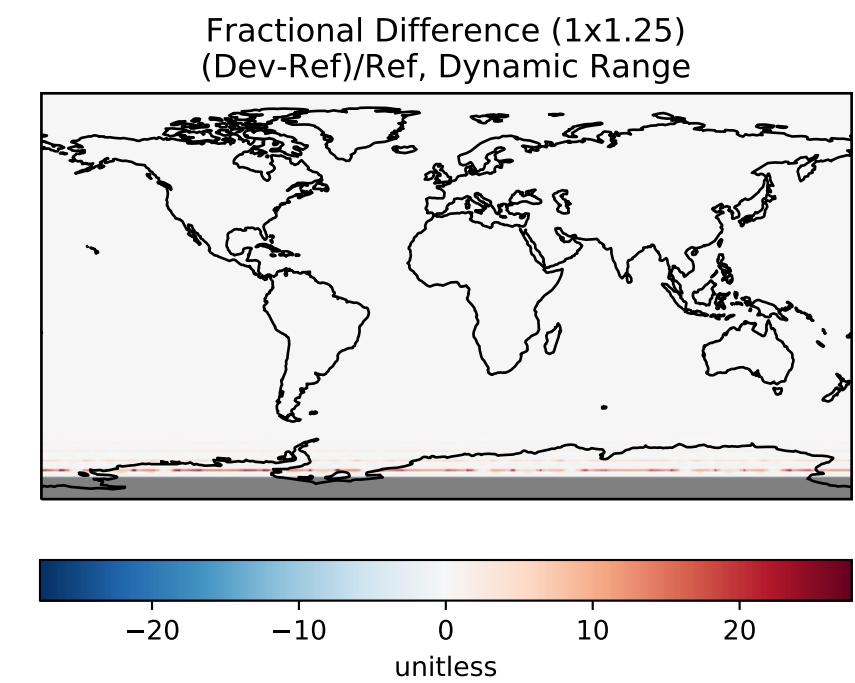
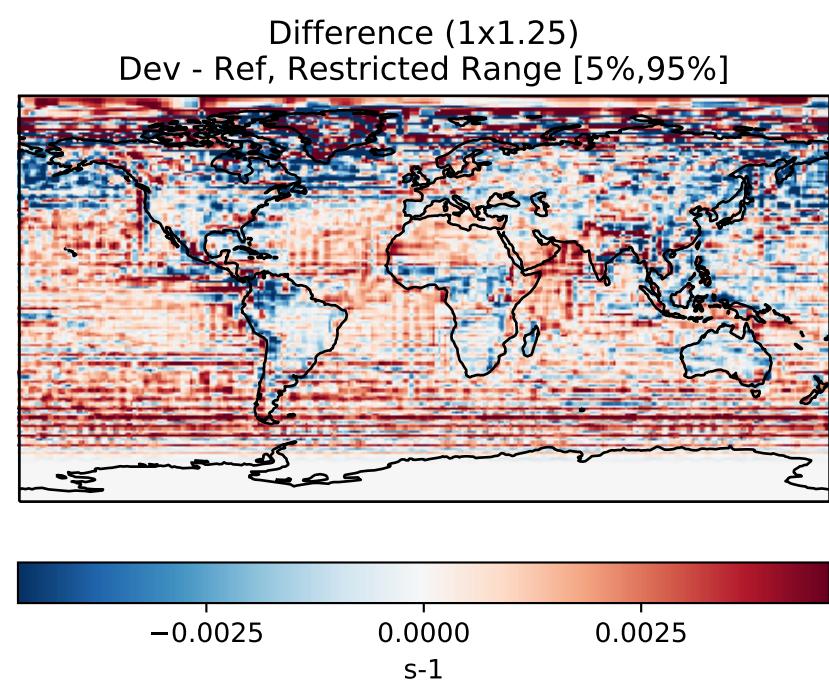
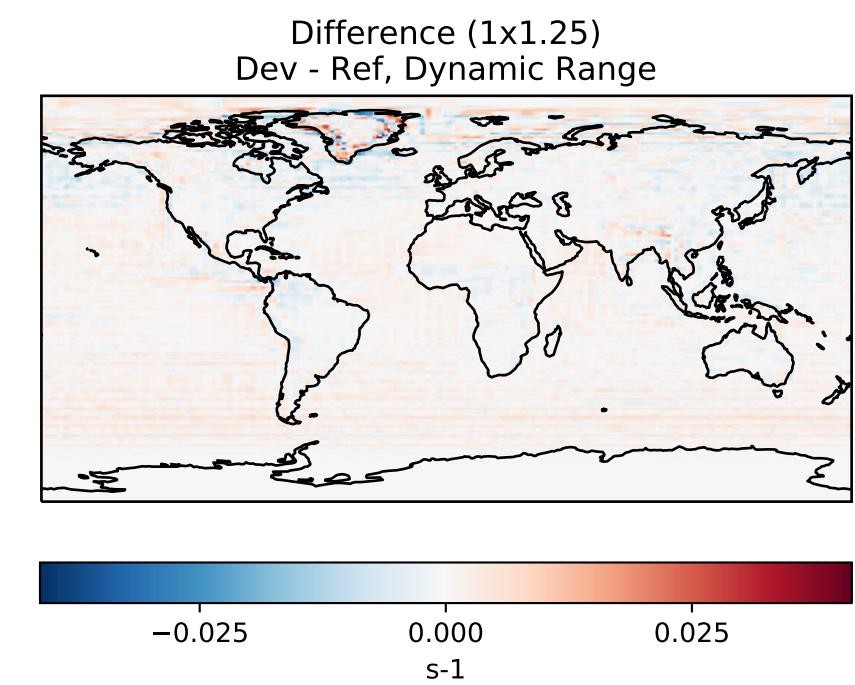
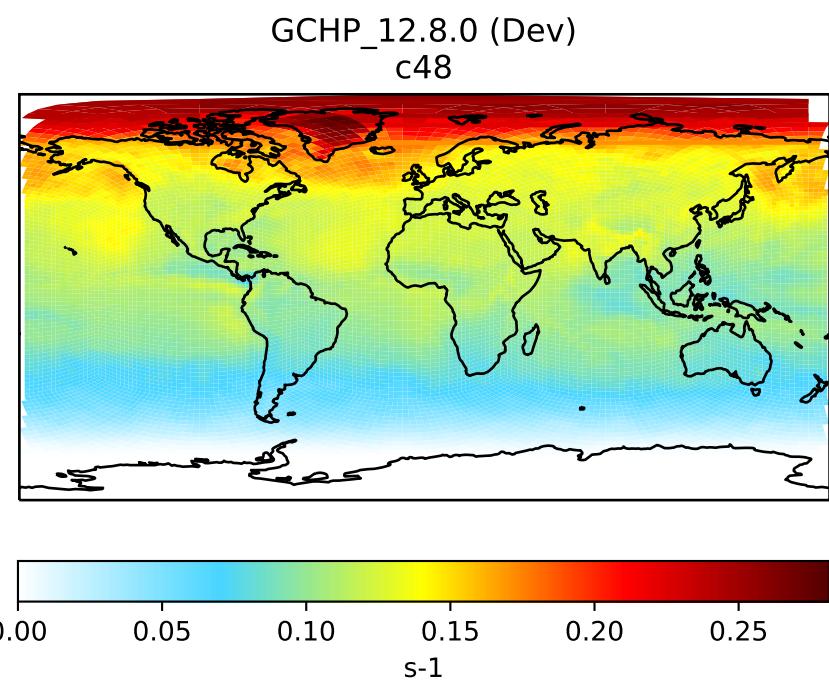
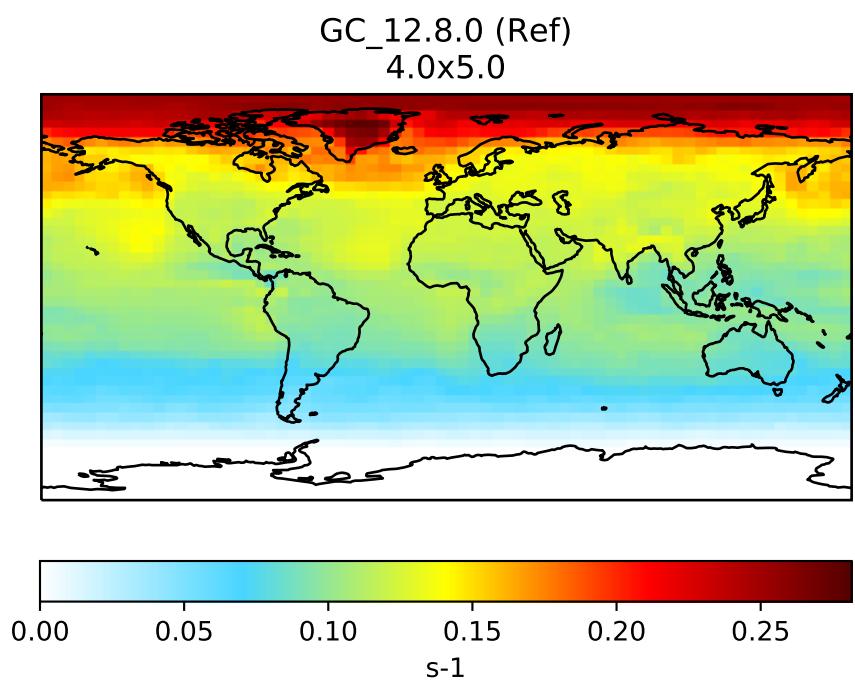
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Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



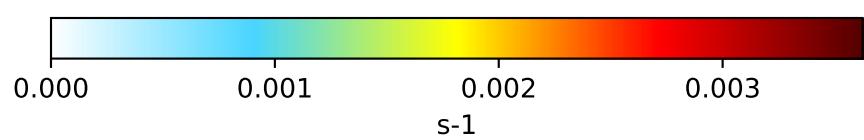
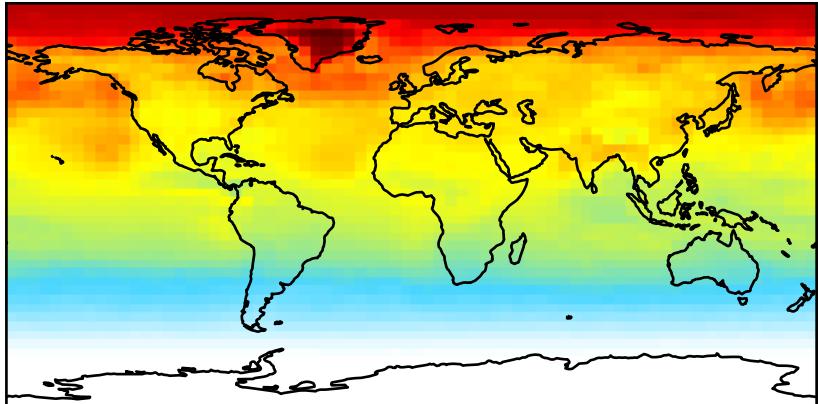
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Jval_IO

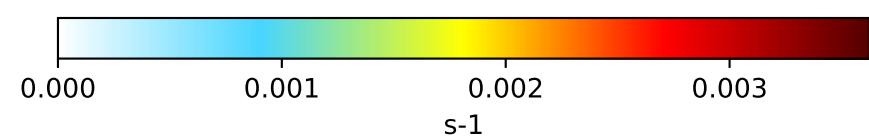
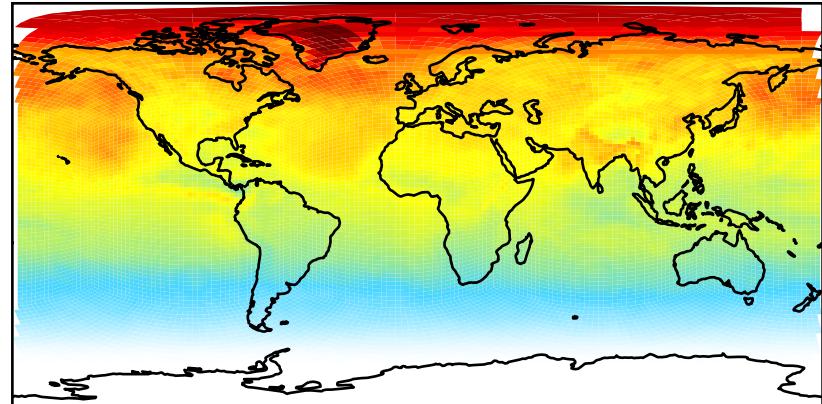


JvalIONO

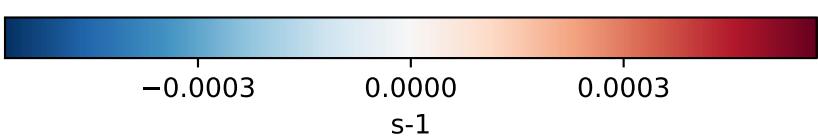
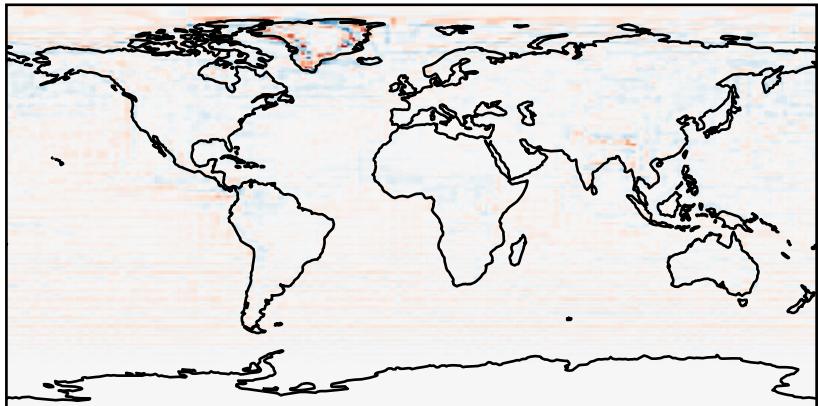
GC_12.8.0 (Ref)
4.0x5.0



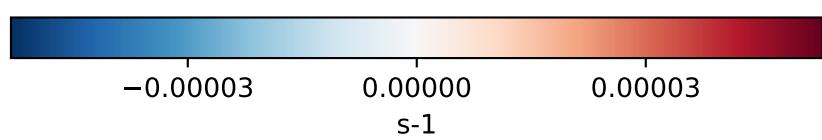
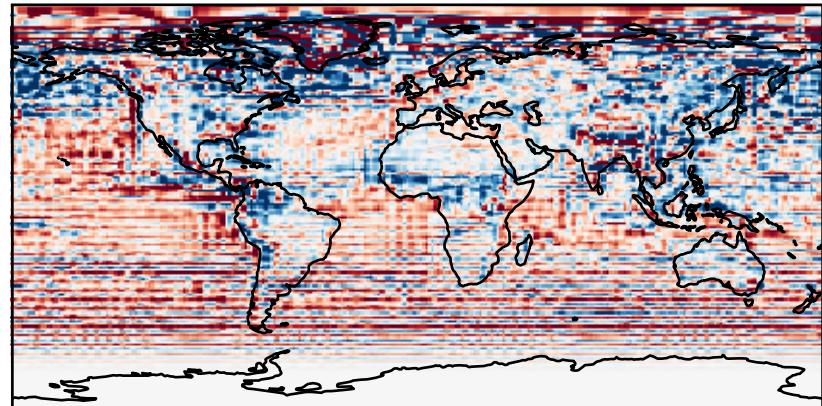
GCHP_12.8.0 (Dev)
c48



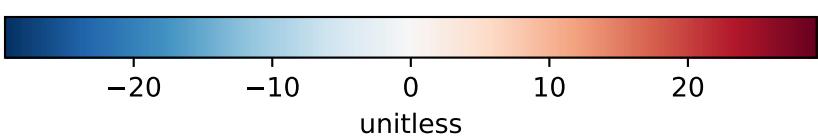
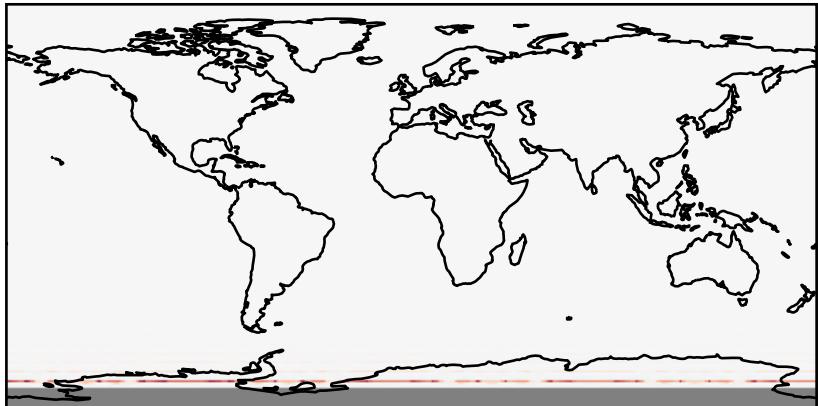
Difference (1x1.25)
Dev - Ref, Dynamic Range



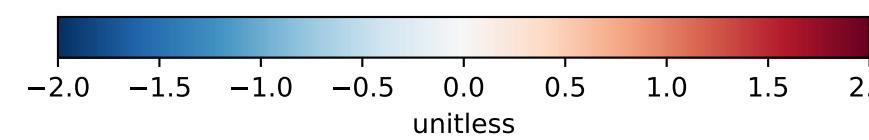
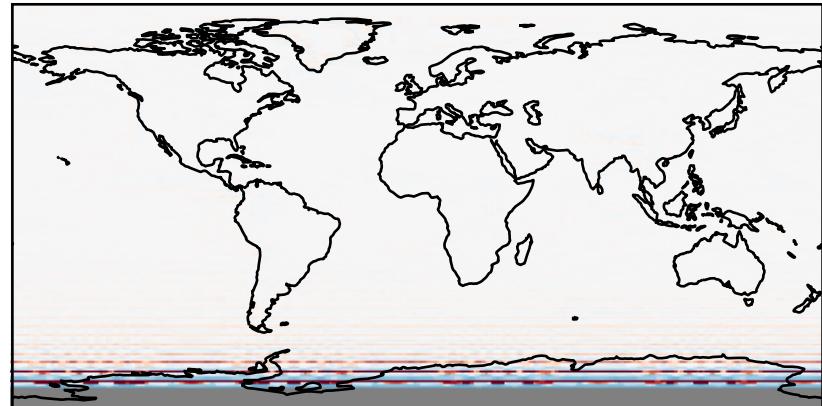
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



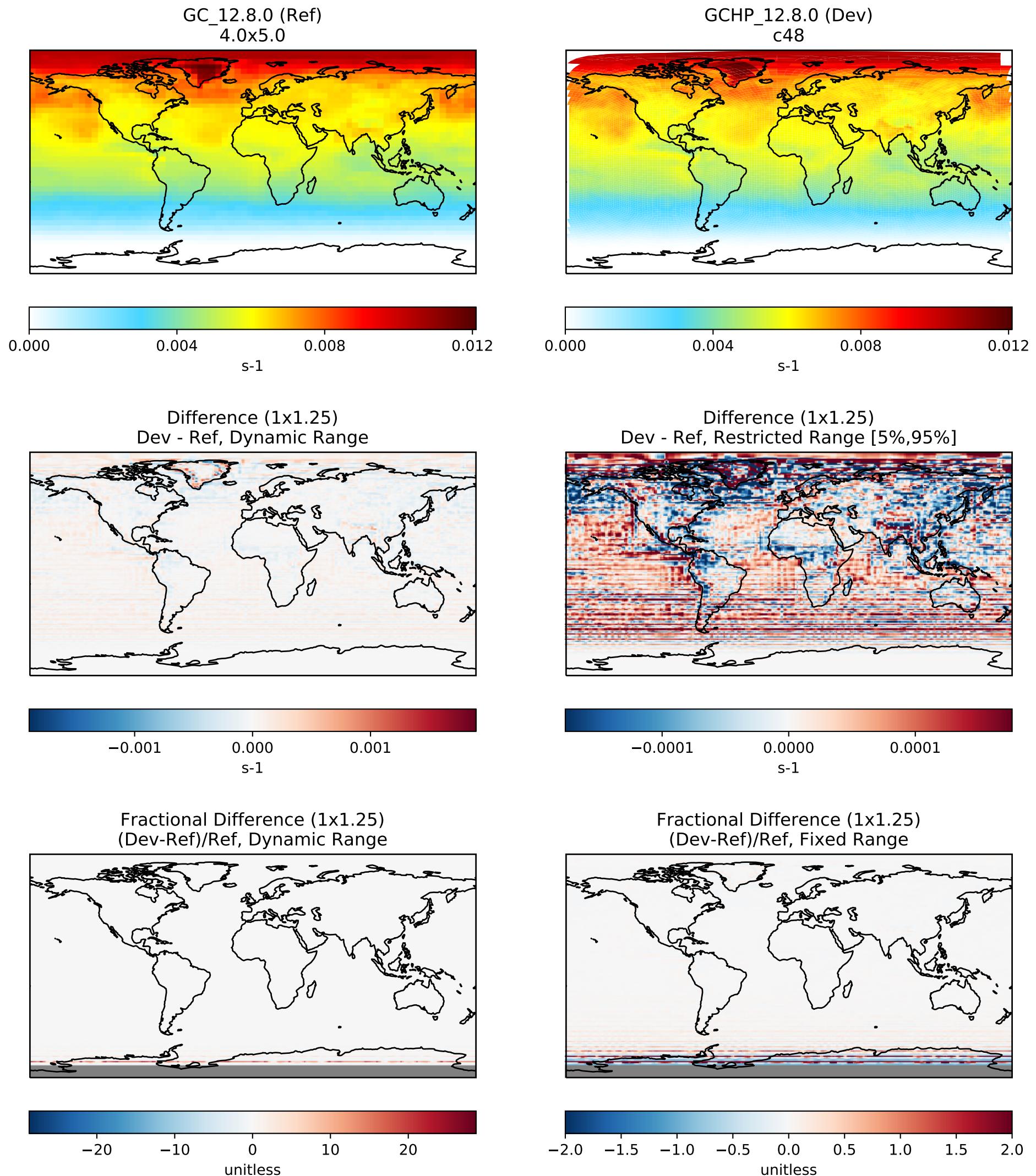
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



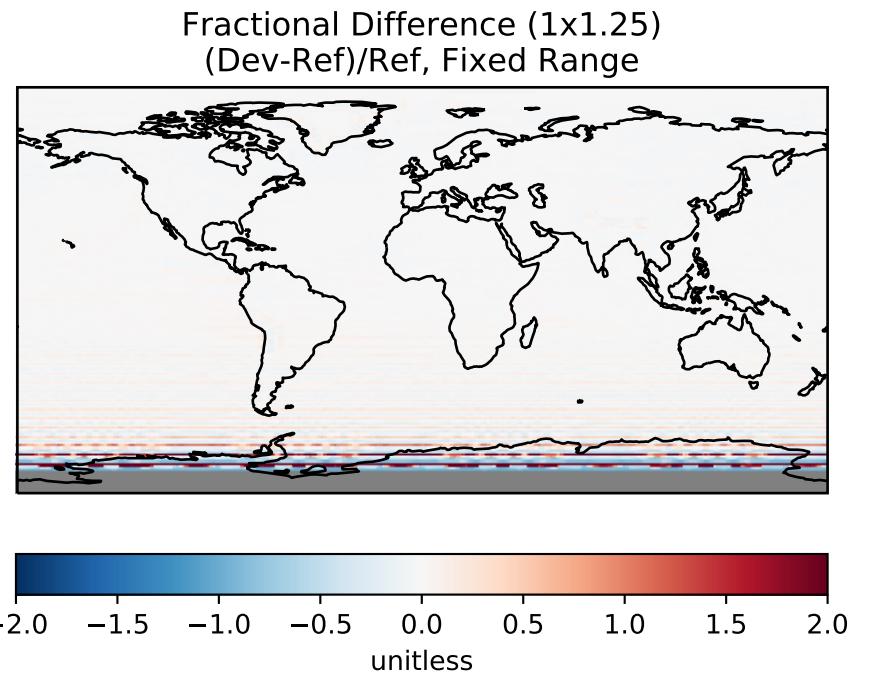
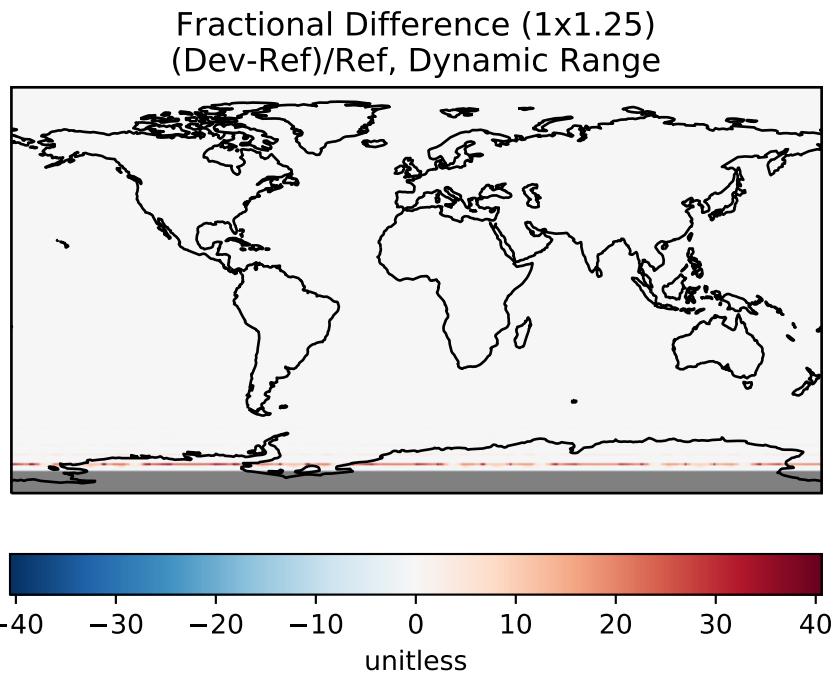
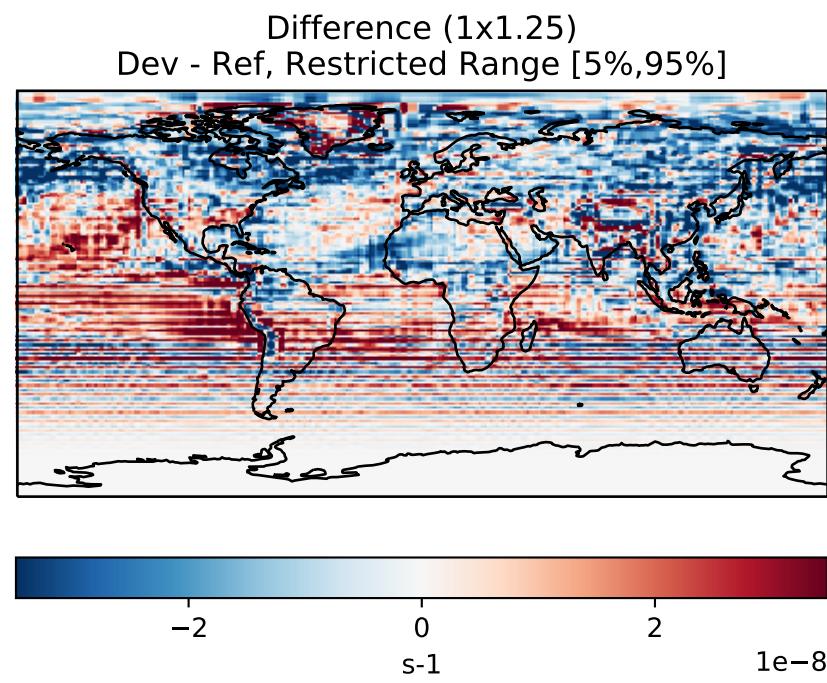
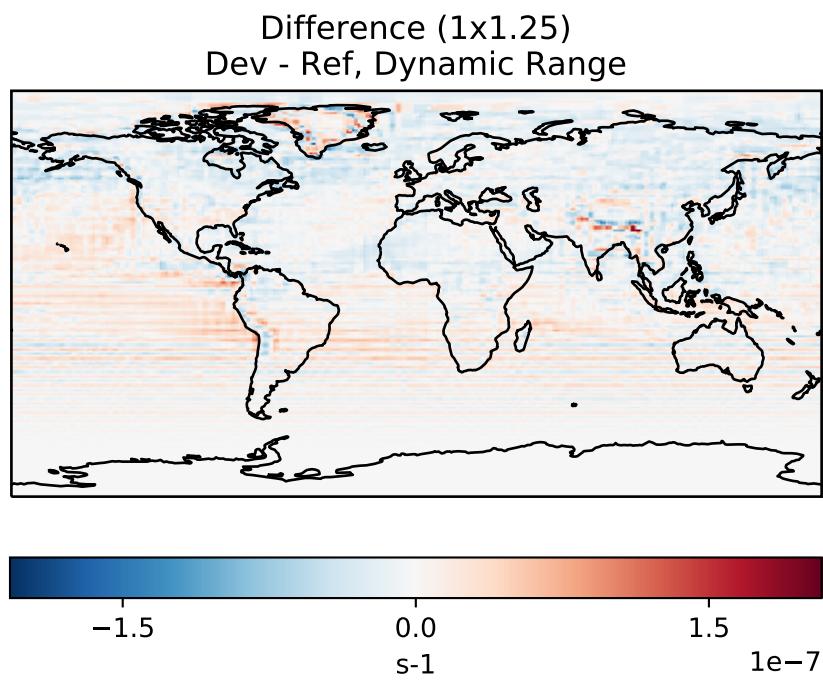
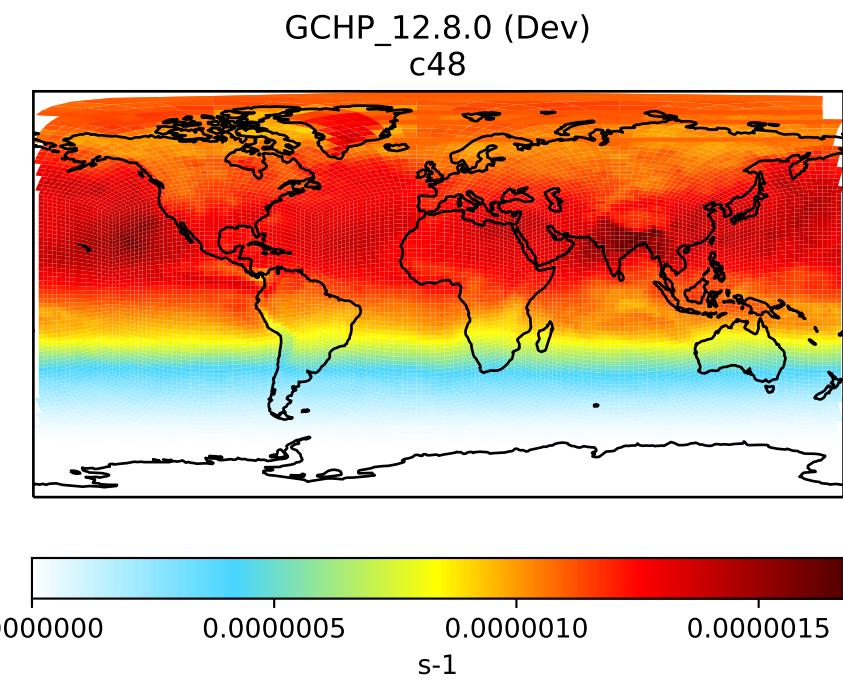
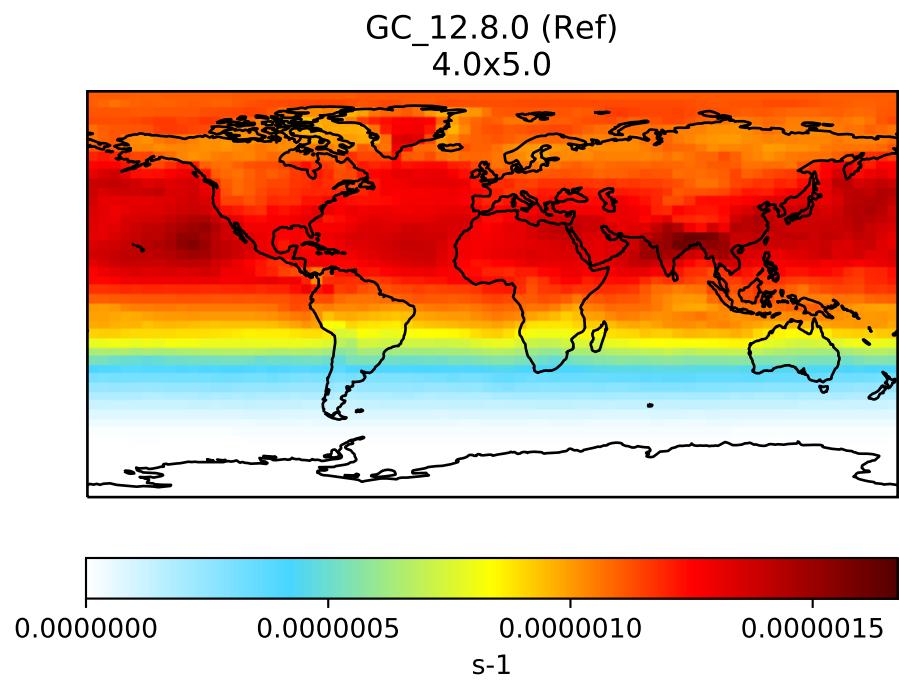
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



Jval_IONO2

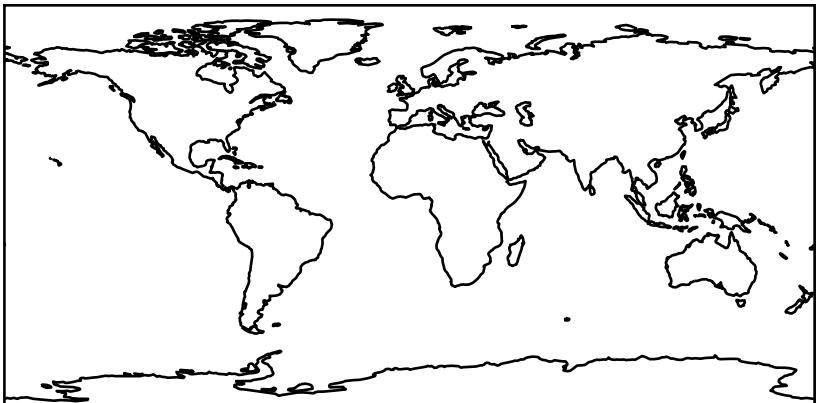


Jval_IPRNO3



Jval_ITCN

GC_12.8.0 (Ref)
4.0x5.0



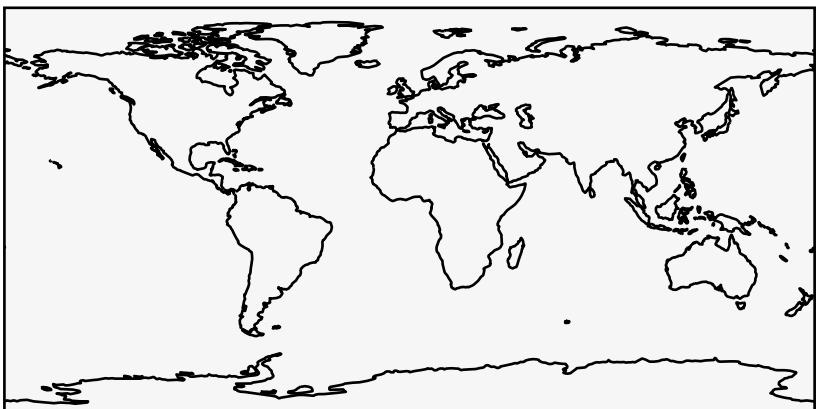
GCHP_12.8.0 (Dev)
c48



Zero throughout domain
s-1

Zero throughout domain
s-1

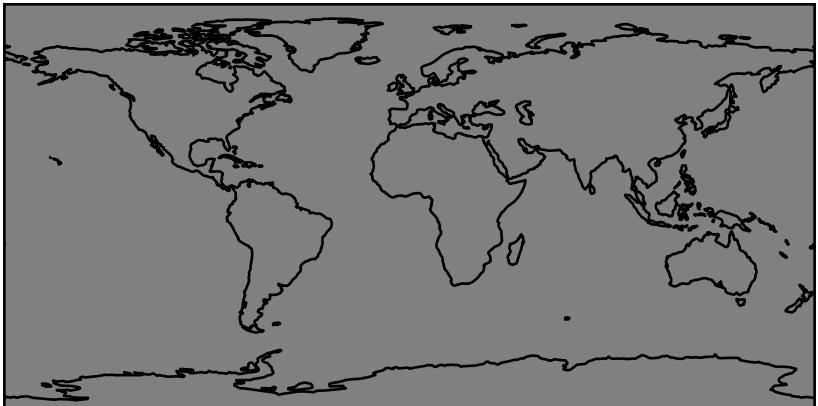
Difference (1x1.25)
Dev - Ref, Dynamic Range



Zero throughout domain
s-1

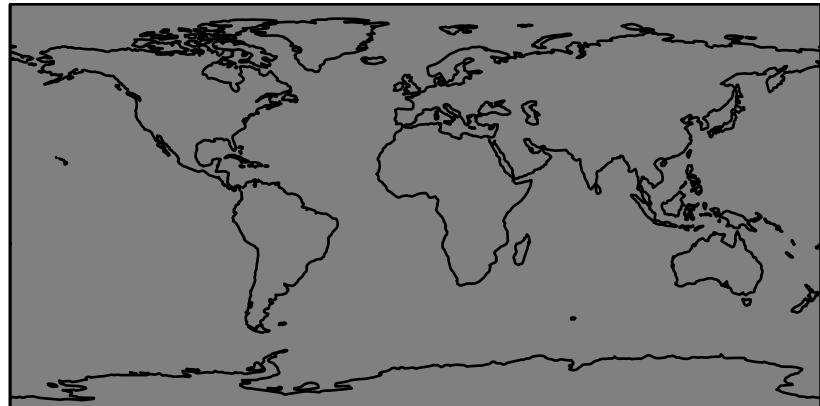
Zero throughout domain
s-1

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



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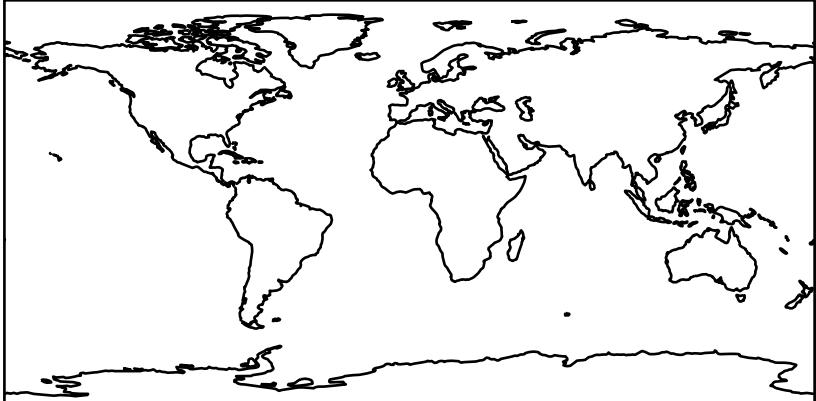
Fractional Difference (1x1.25)
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Jval_ITHN

GC_12.8.0 (Ref)
4.0x5.0



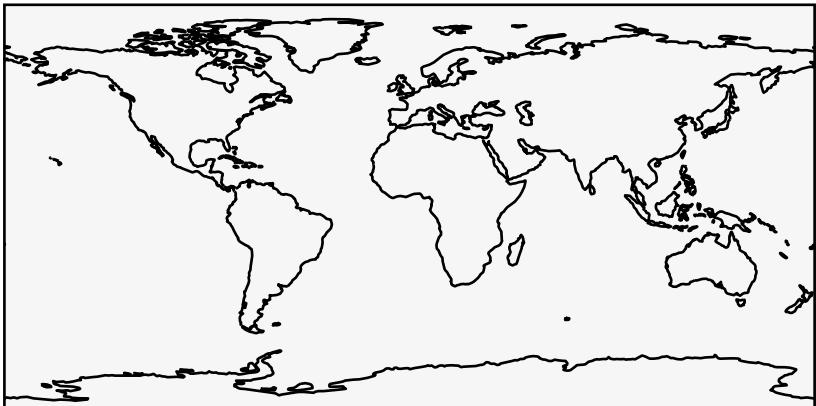
Zero throughout domain
s-1

GCHP_12.8.0 (Dev)
c48



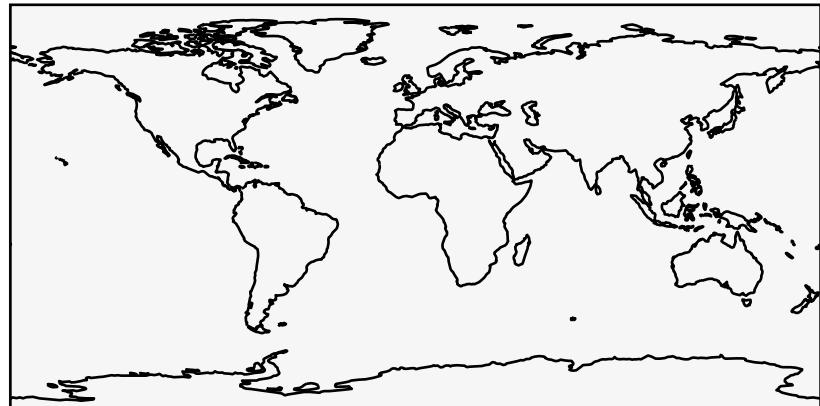
Zero throughout domain
s-1

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



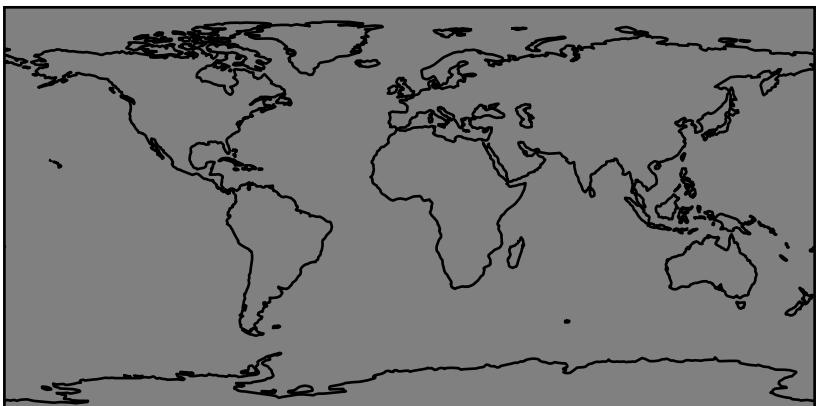
Zero throughout domain
s-1

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



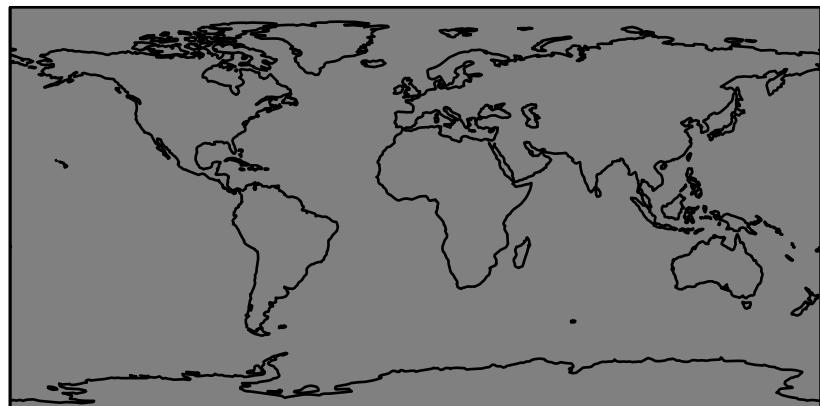
Zero throughout domain
s-1

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



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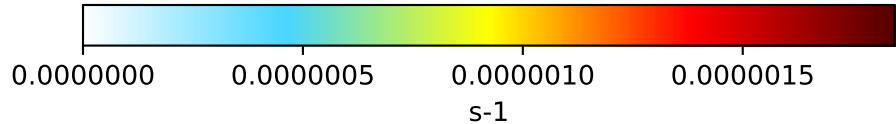
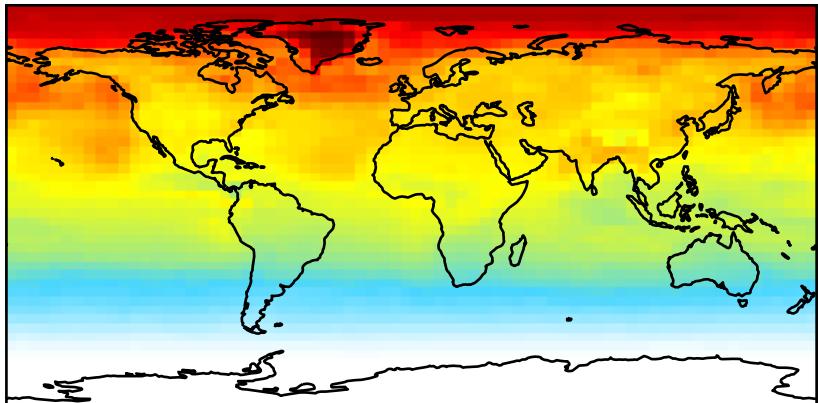
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



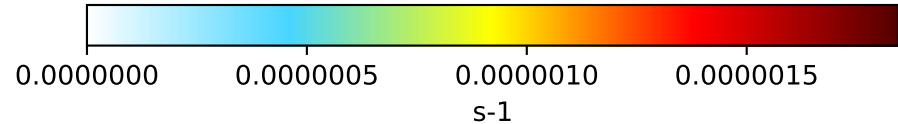
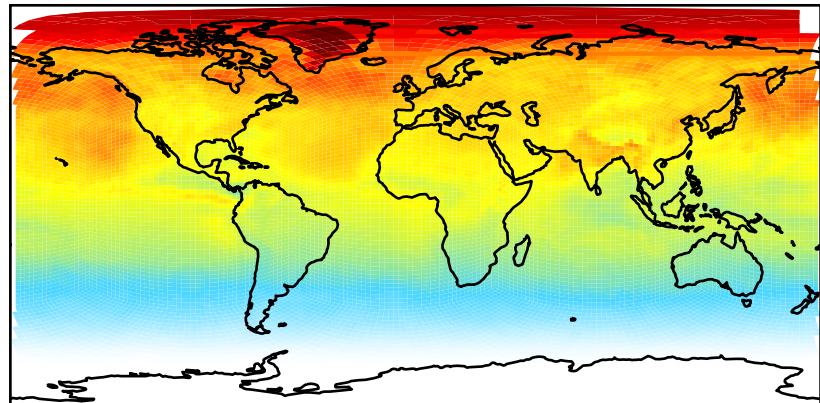
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Jval_MACR

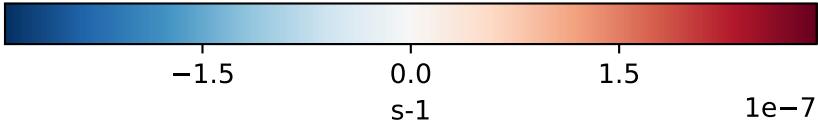
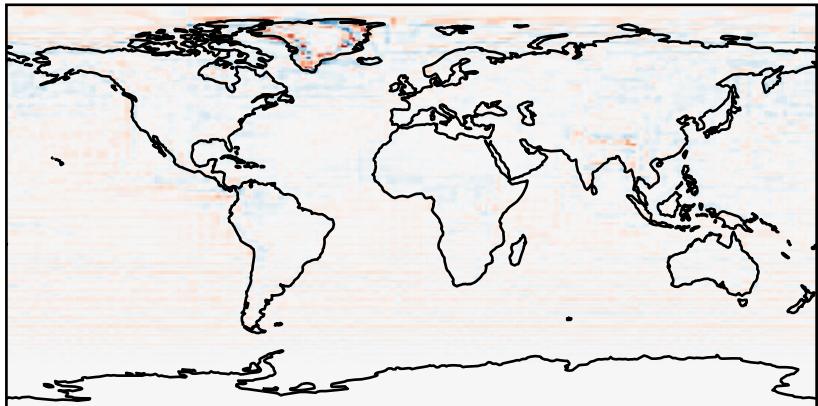
GC_12.8.0 (Ref)
4.0x5.0



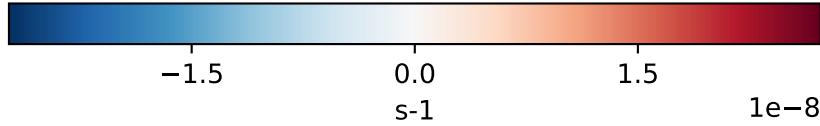
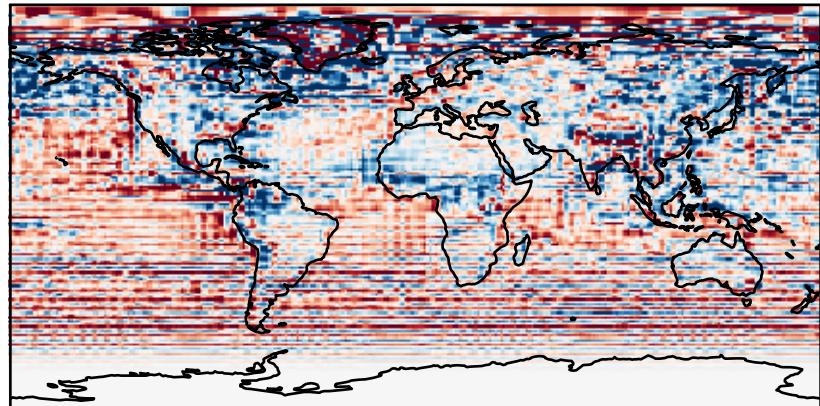
GCHP_12.8.0 (Dev)
c48



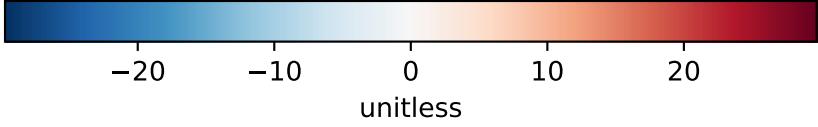
Difference (1x1.25)
Dev - Ref, Dynamic Range



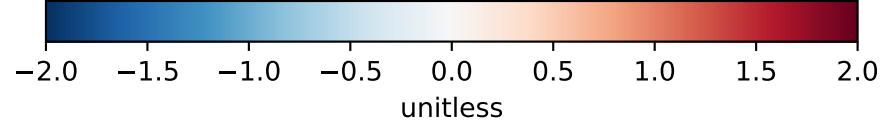
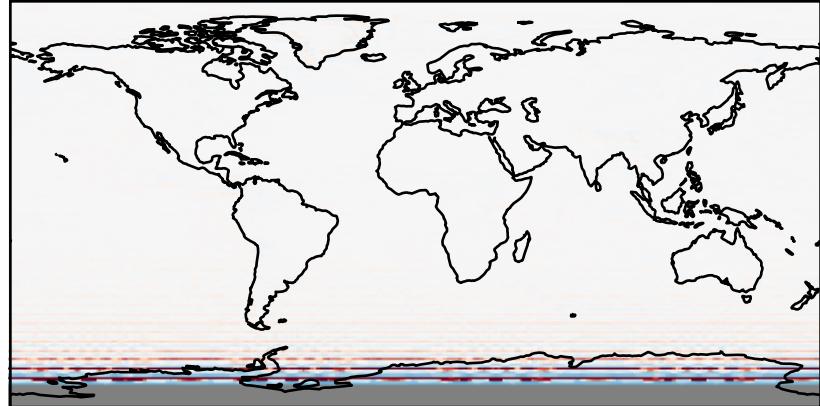
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



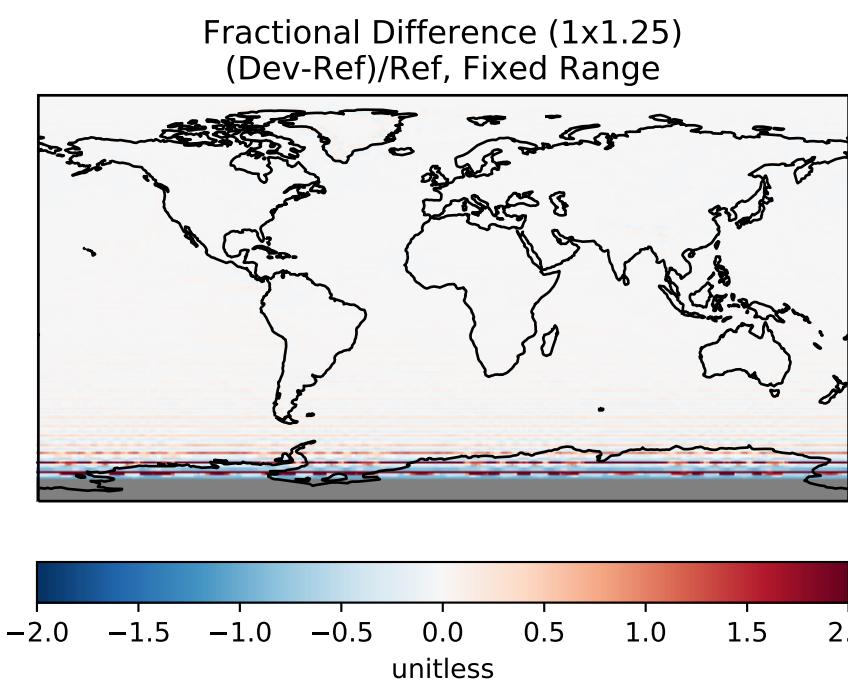
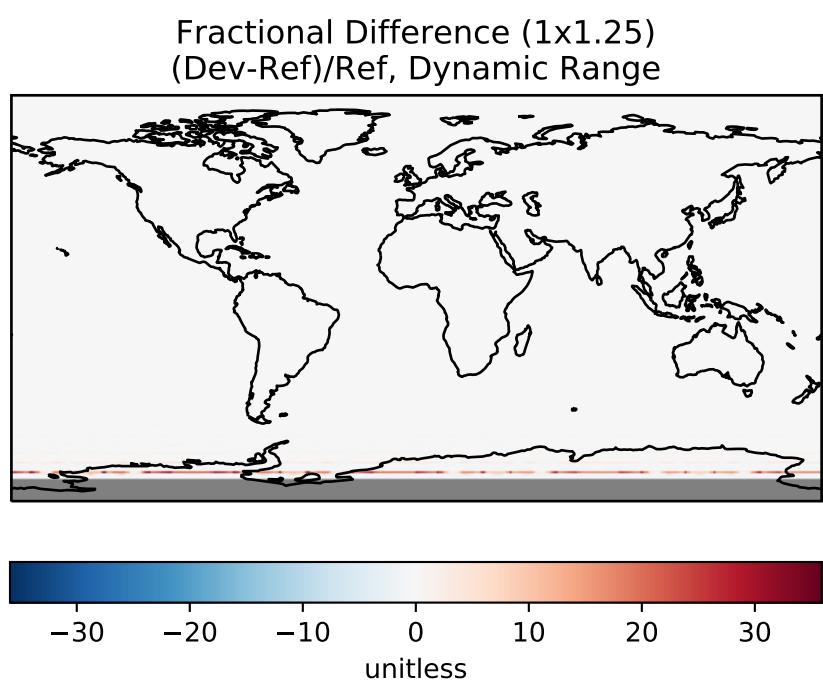
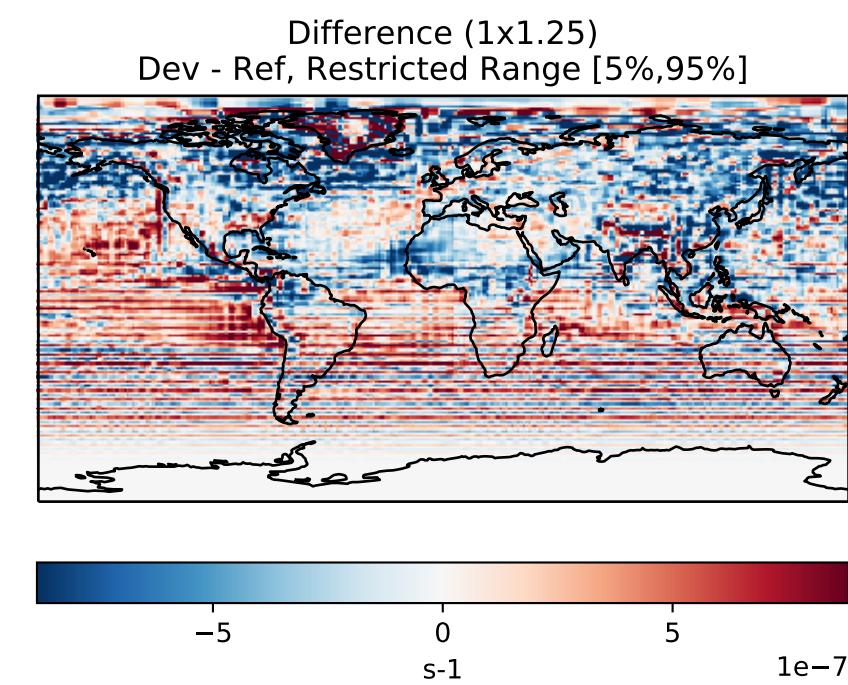
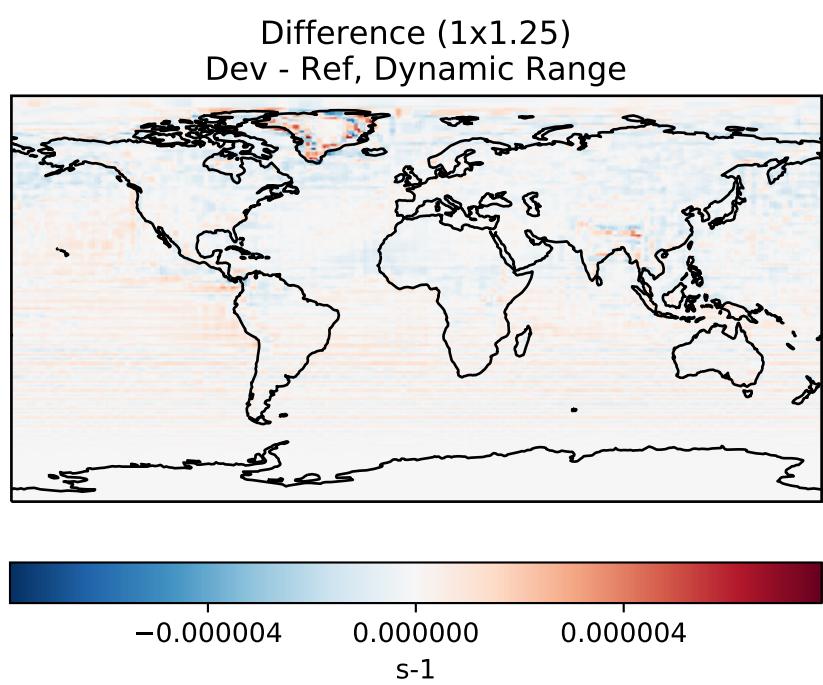
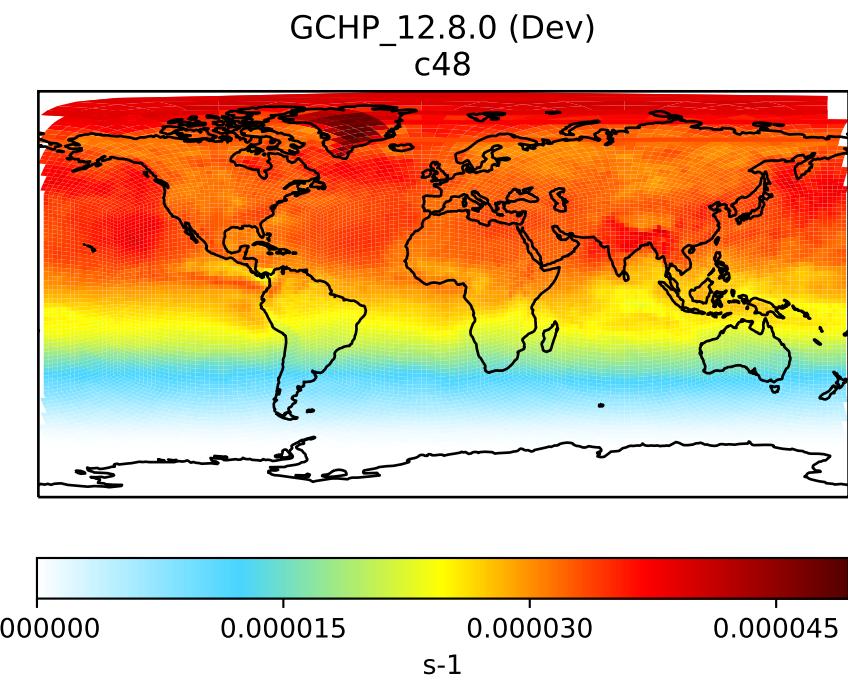
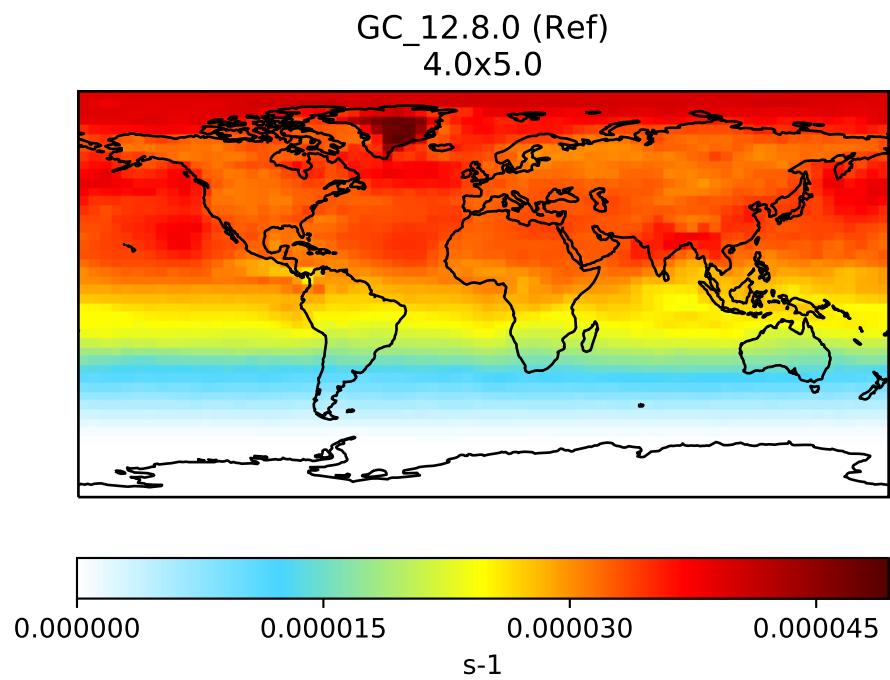
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

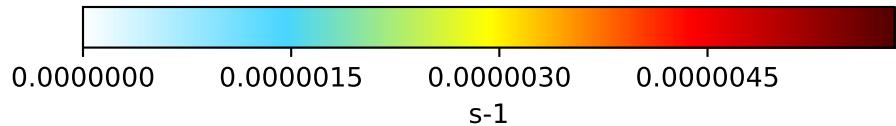
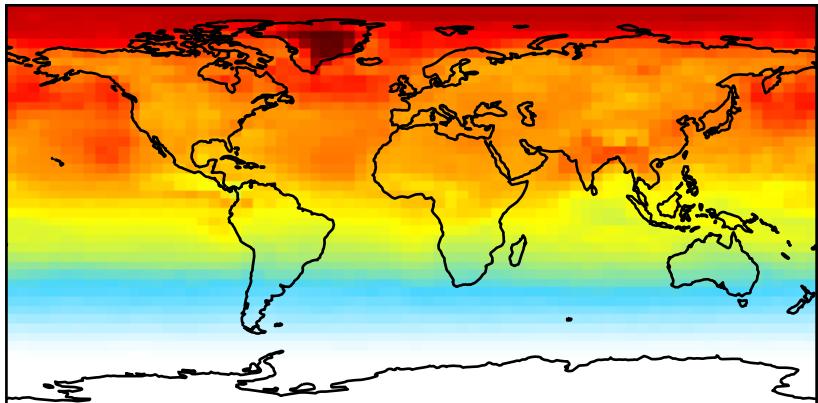


Jval_MACR1OOH

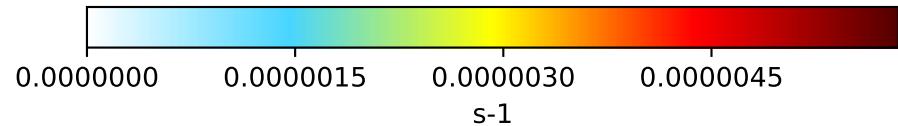
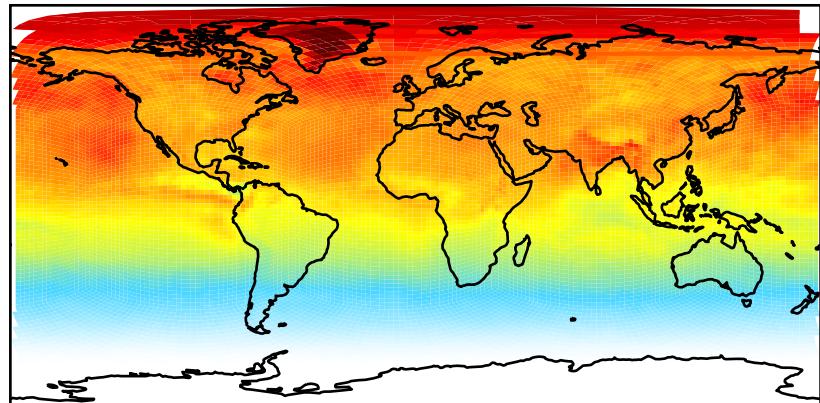


Jval_MAP

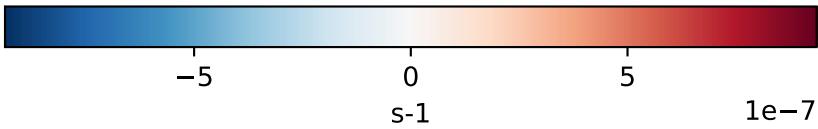
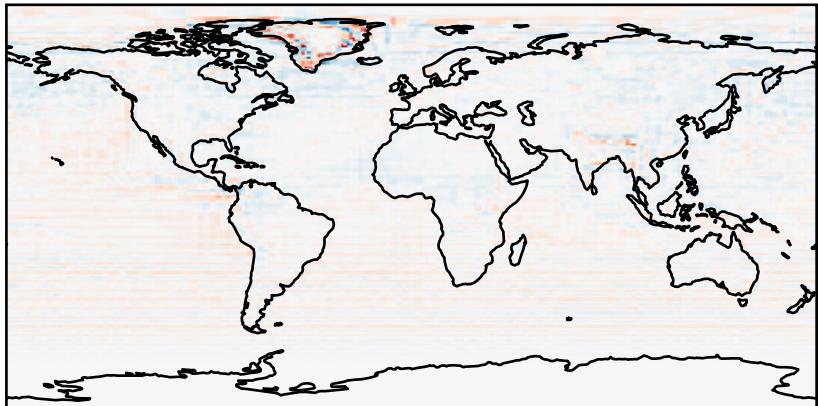
GC_12.8.0 (Ref)
4.0x5.0



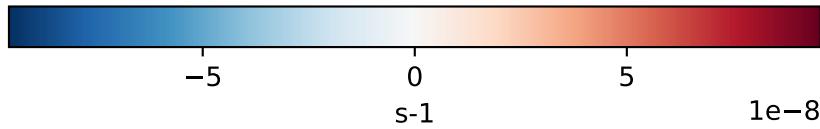
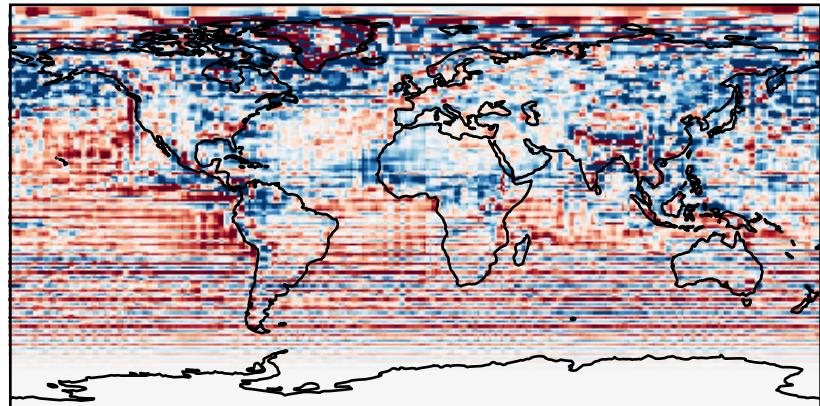
GCHP_12.8.0 (Dev)
c48



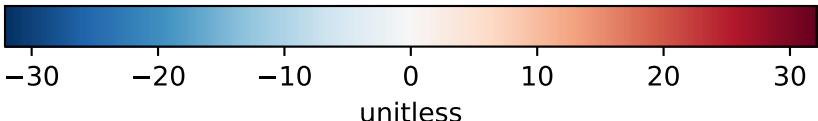
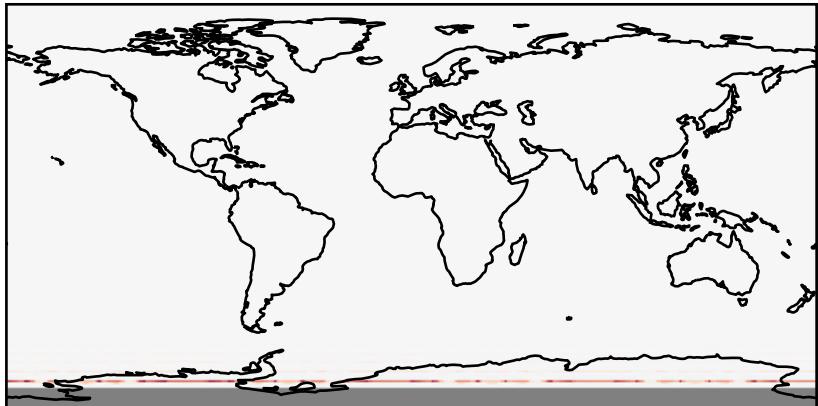
Difference (1x1.25)
Dev - Ref, Dynamic Range



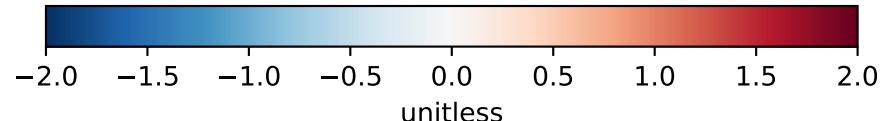
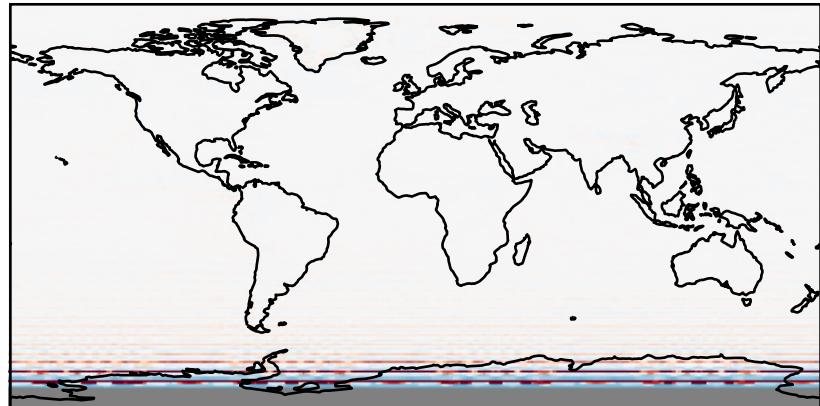
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

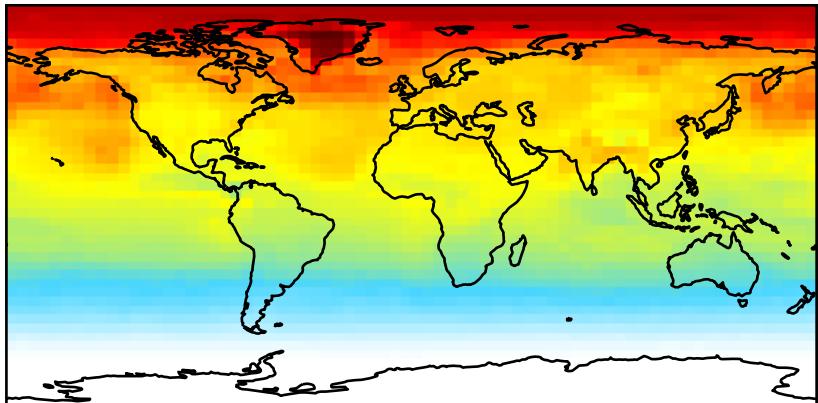


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

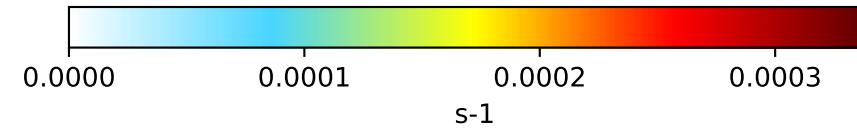
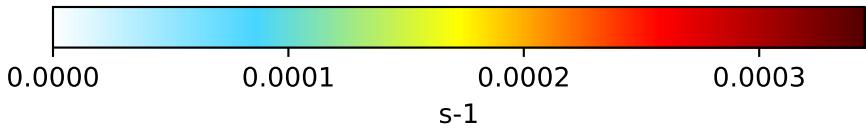
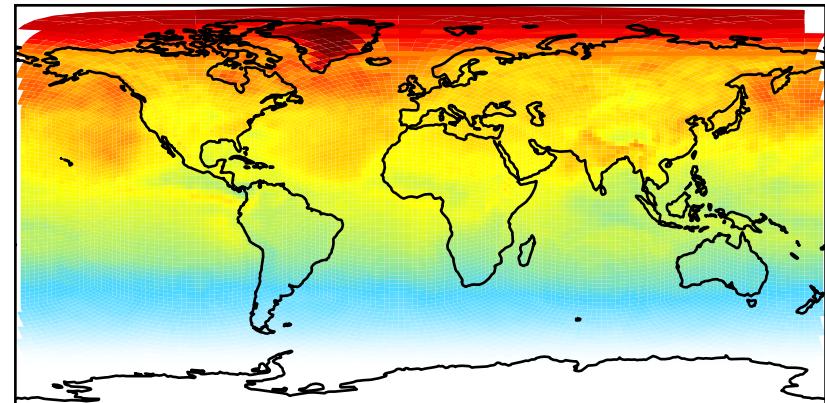


Jval_MCRENOL

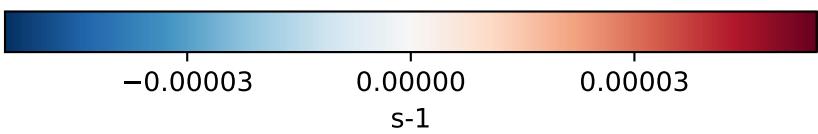
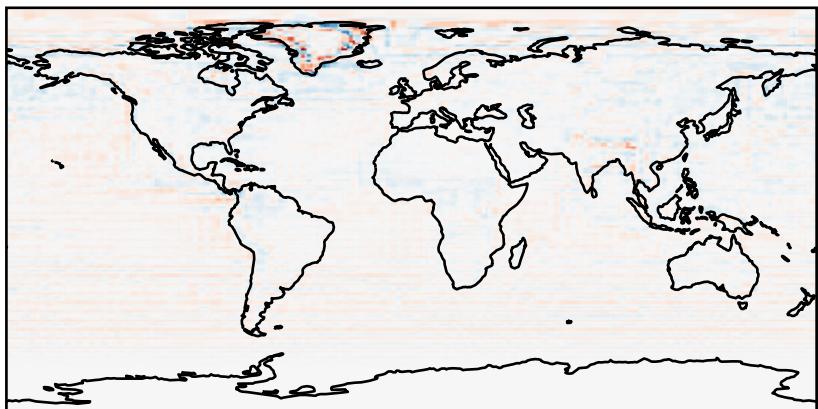
GC_12.8.0 (Ref)
4.0x5.0



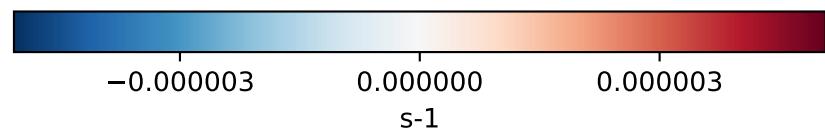
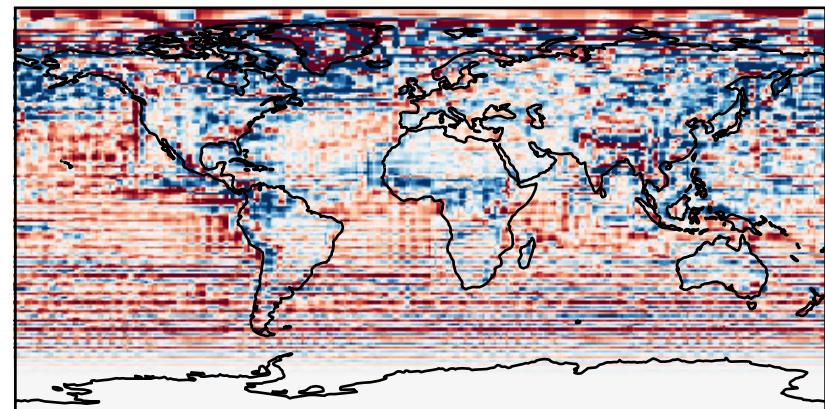
GCHP_12.8.0 (Dev)
c48



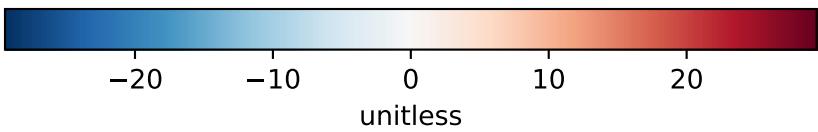
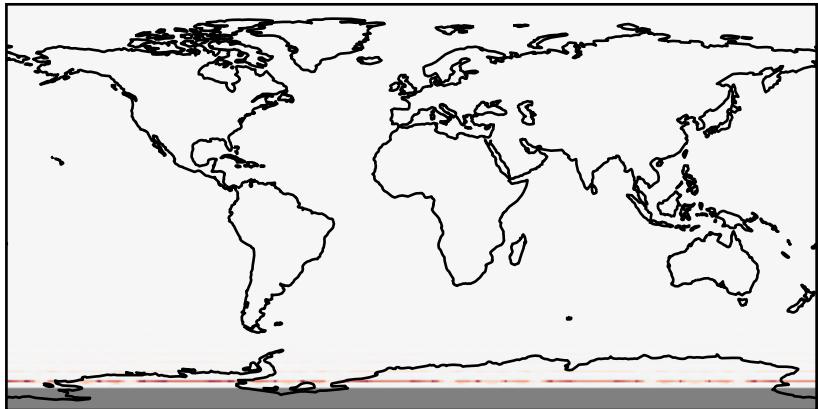
Difference (1x1.25)
Dev - Ref, Dynamic Range



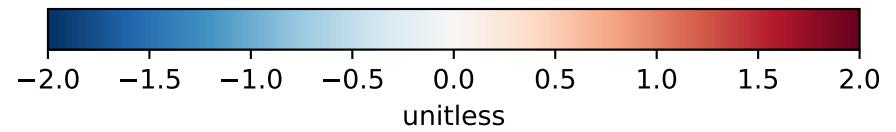
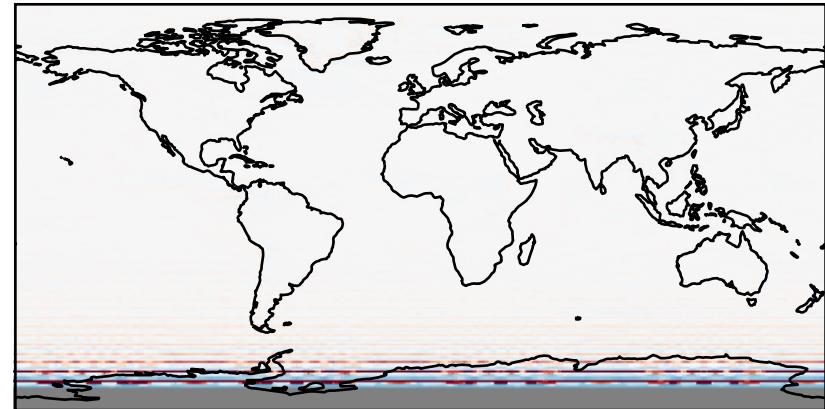
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

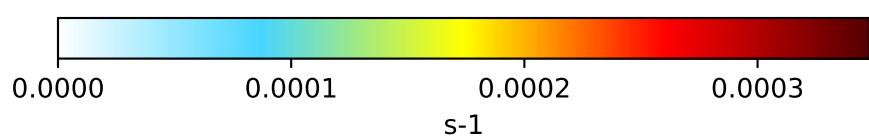
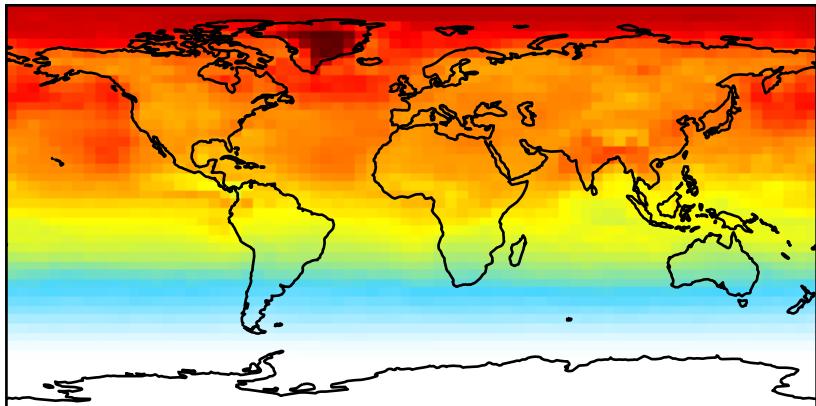


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

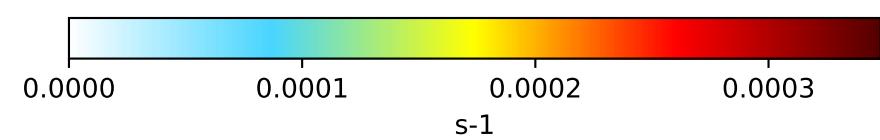
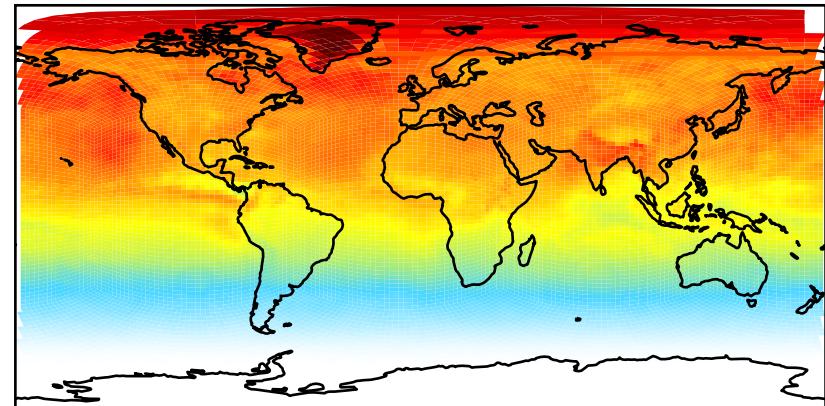


Jval_MCRHN

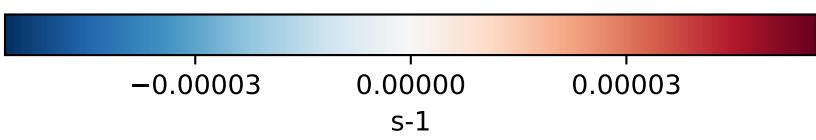
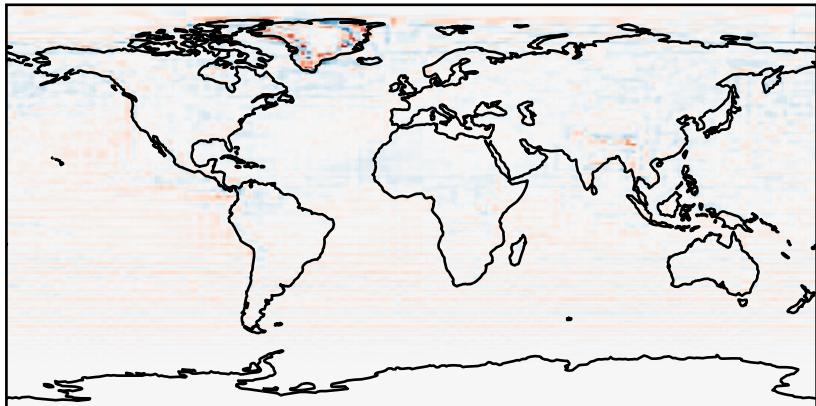
GC_12.8.0 (Ref)
4.0x5.0



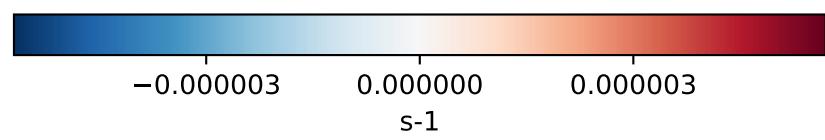
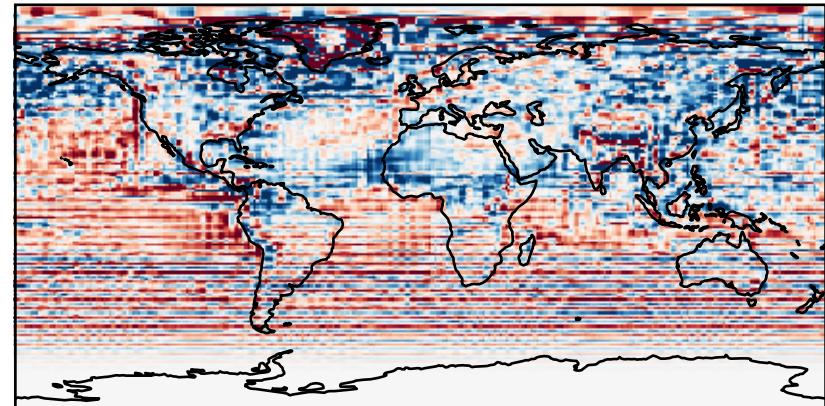
GCHP_12.8.0 (Dev)
c48



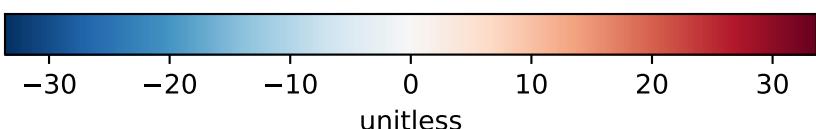
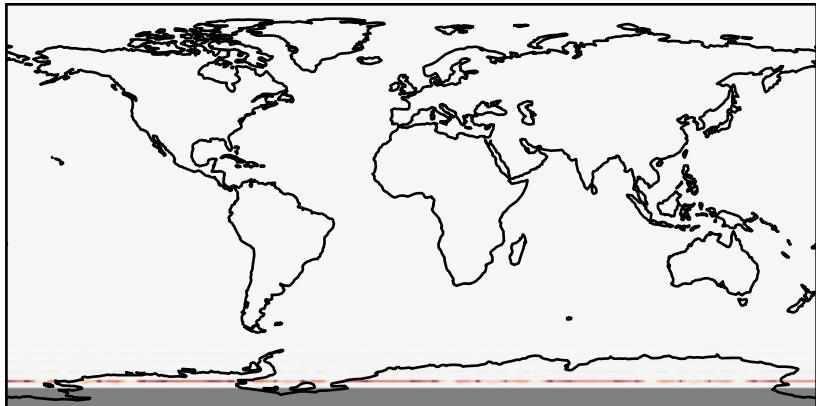
Difference (1x1.25)
Dev - Ref, Dynamic Range



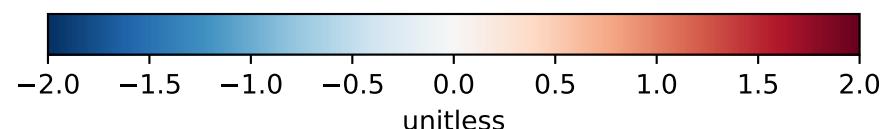
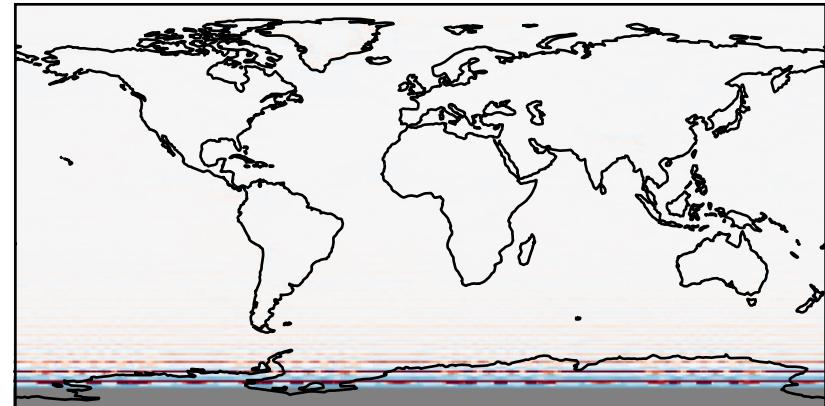
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

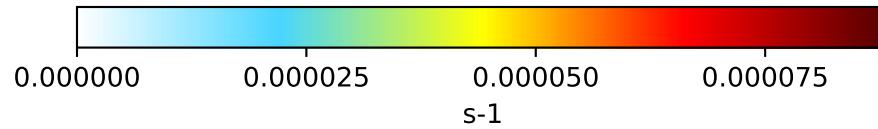
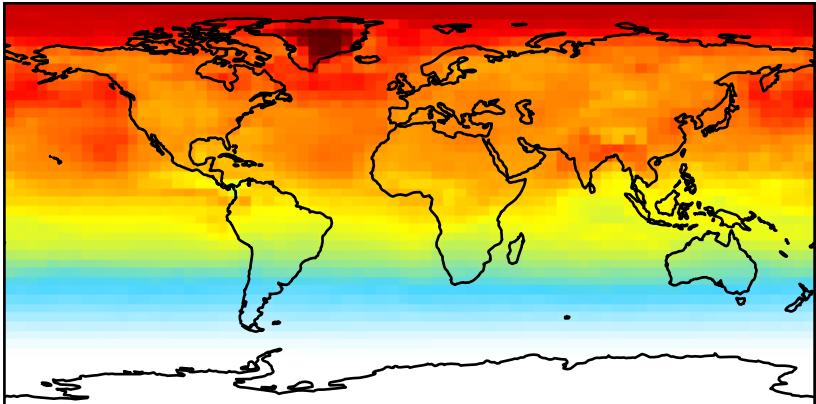


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

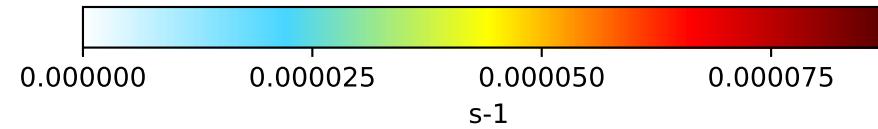
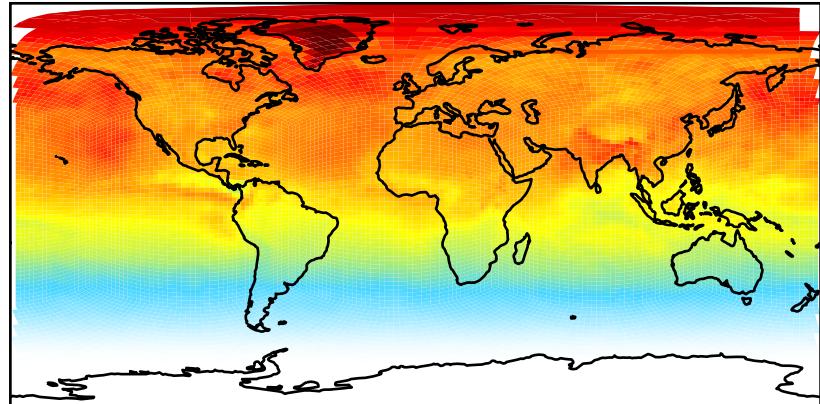


Jval_MCRHNB

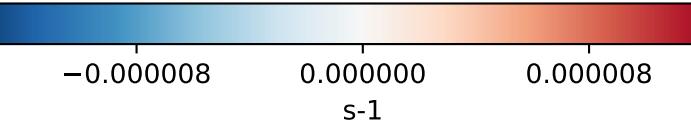
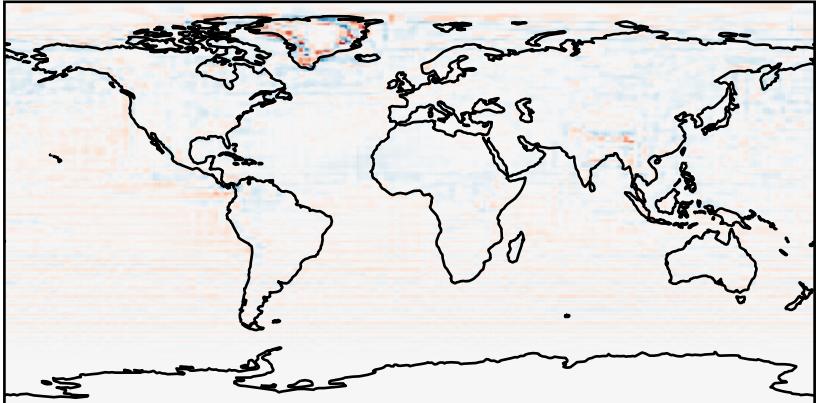
GC_12.8.0 (Ref)
4.0x5.0



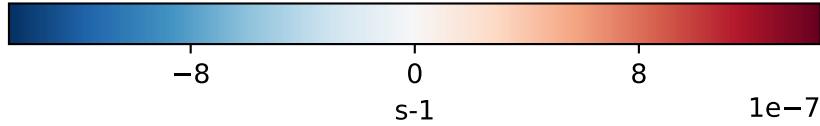
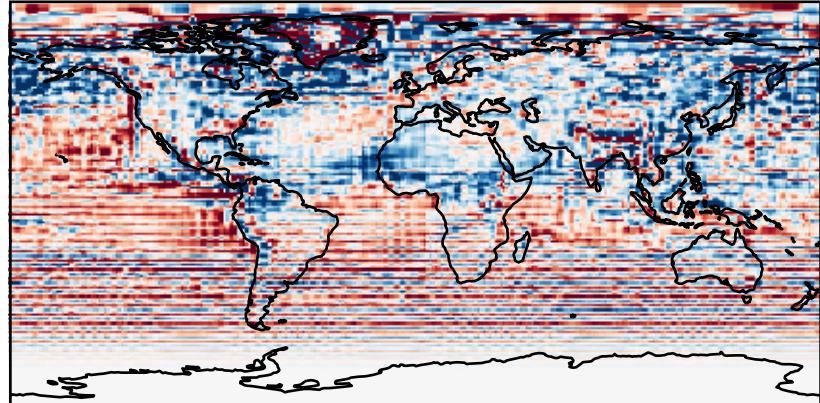
GCHP_12.8.0 (Dev)
c48



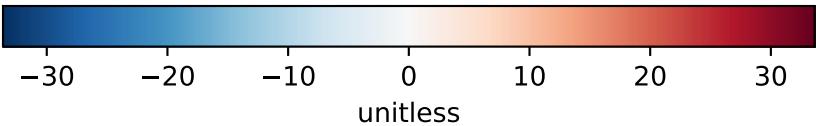
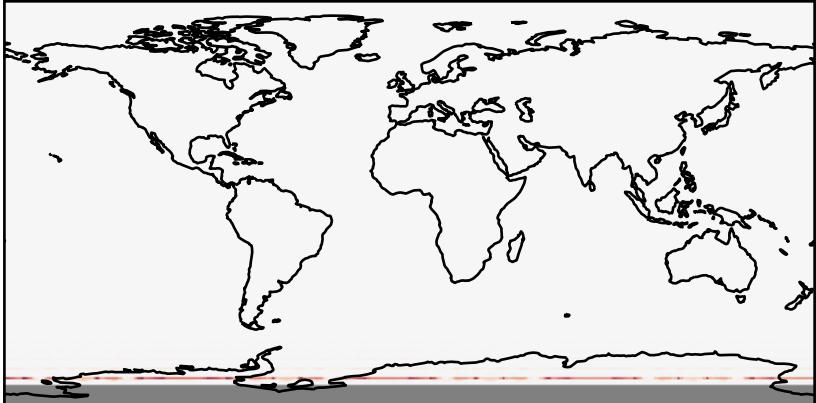
Difference (1x1.25)
Dev - Ref, Dynamic Range



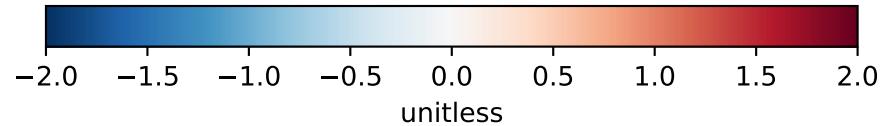
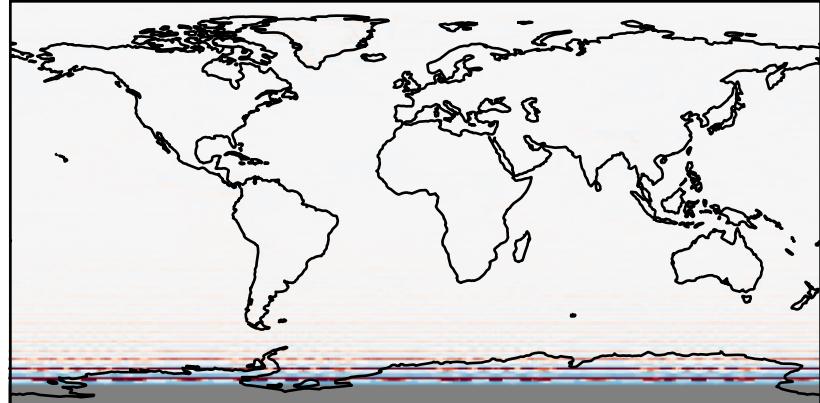
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

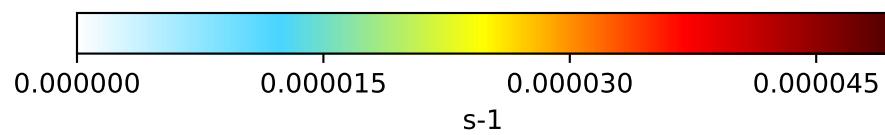
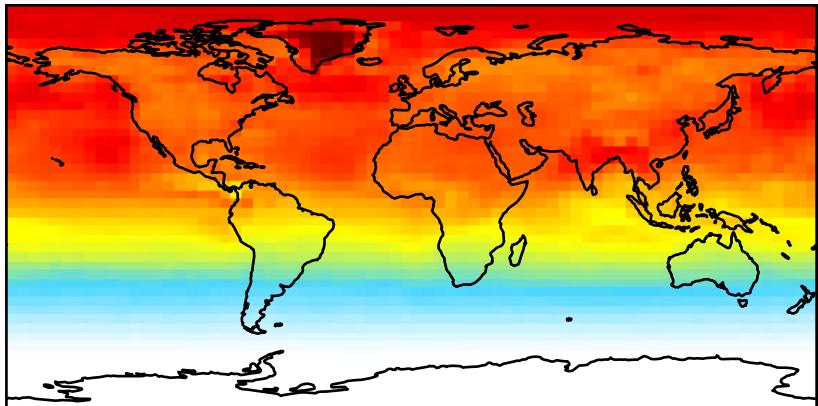


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

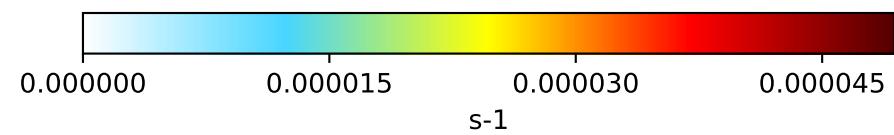
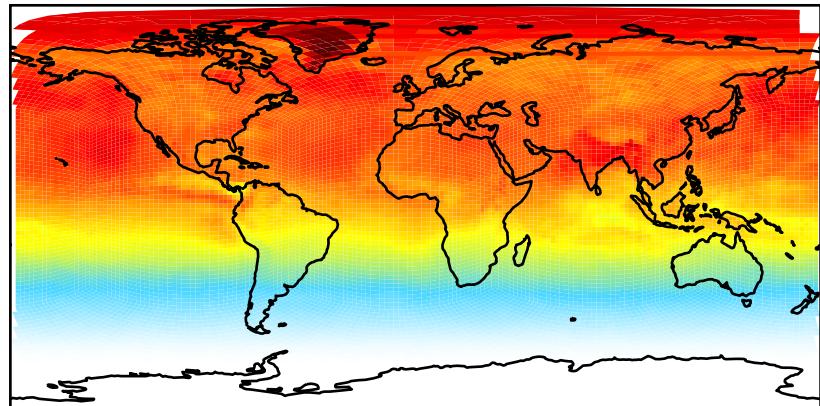


Jval_MCRHP

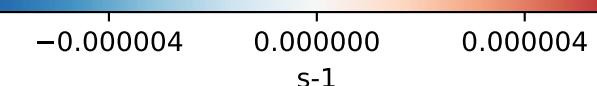
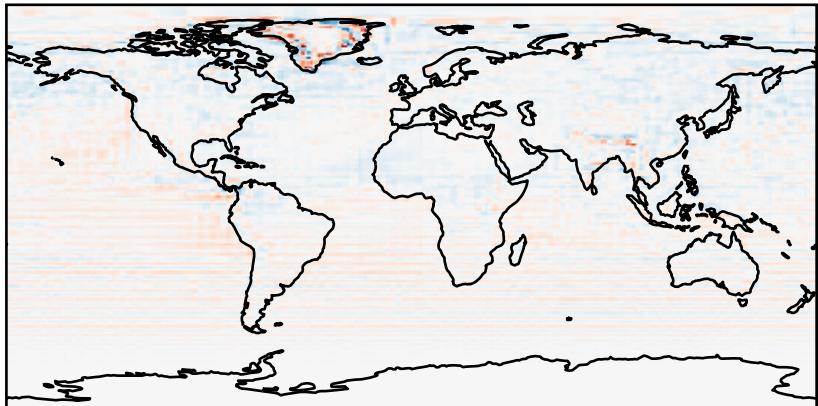
GC_12.8.0 (Ref)
4.0x5.0



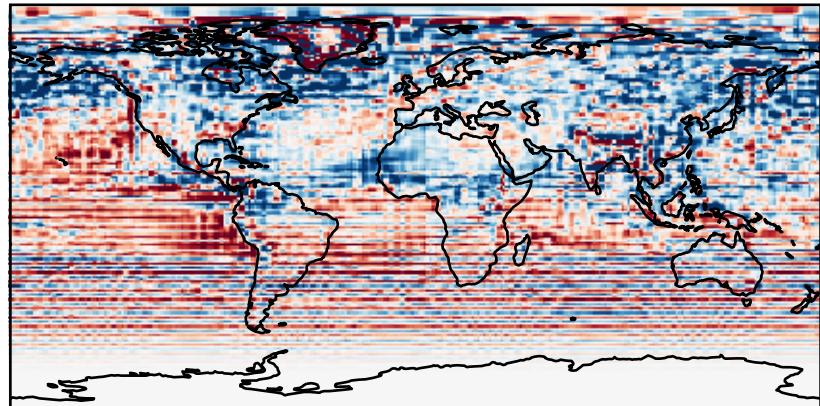
GCHP_12.8.0 (Dev)
c48



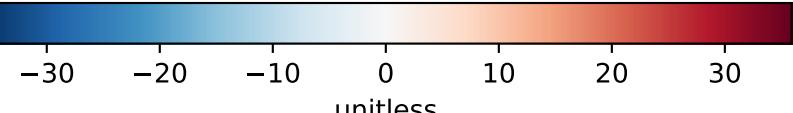
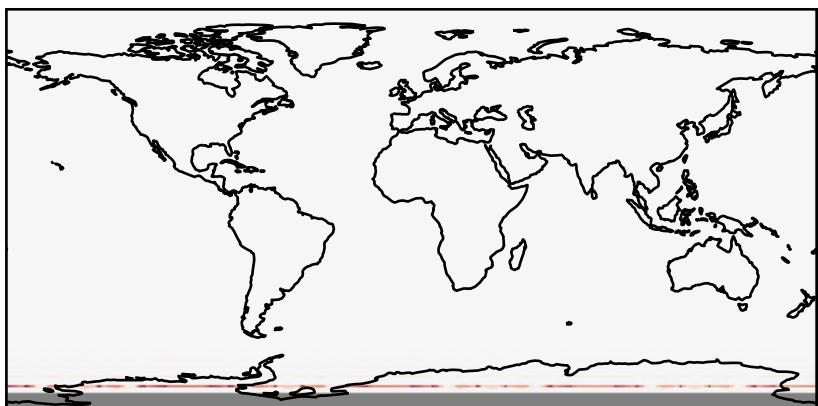
Difference (1x1.25)
Dev - Ref, Dynamic Range



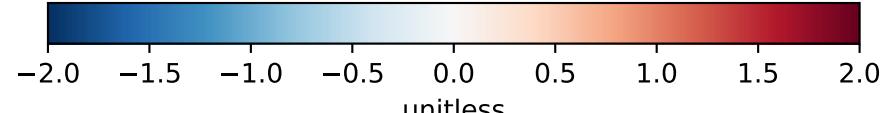
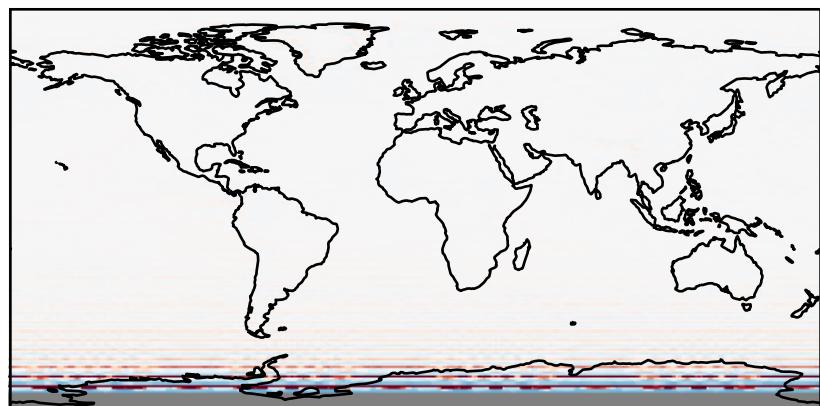
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



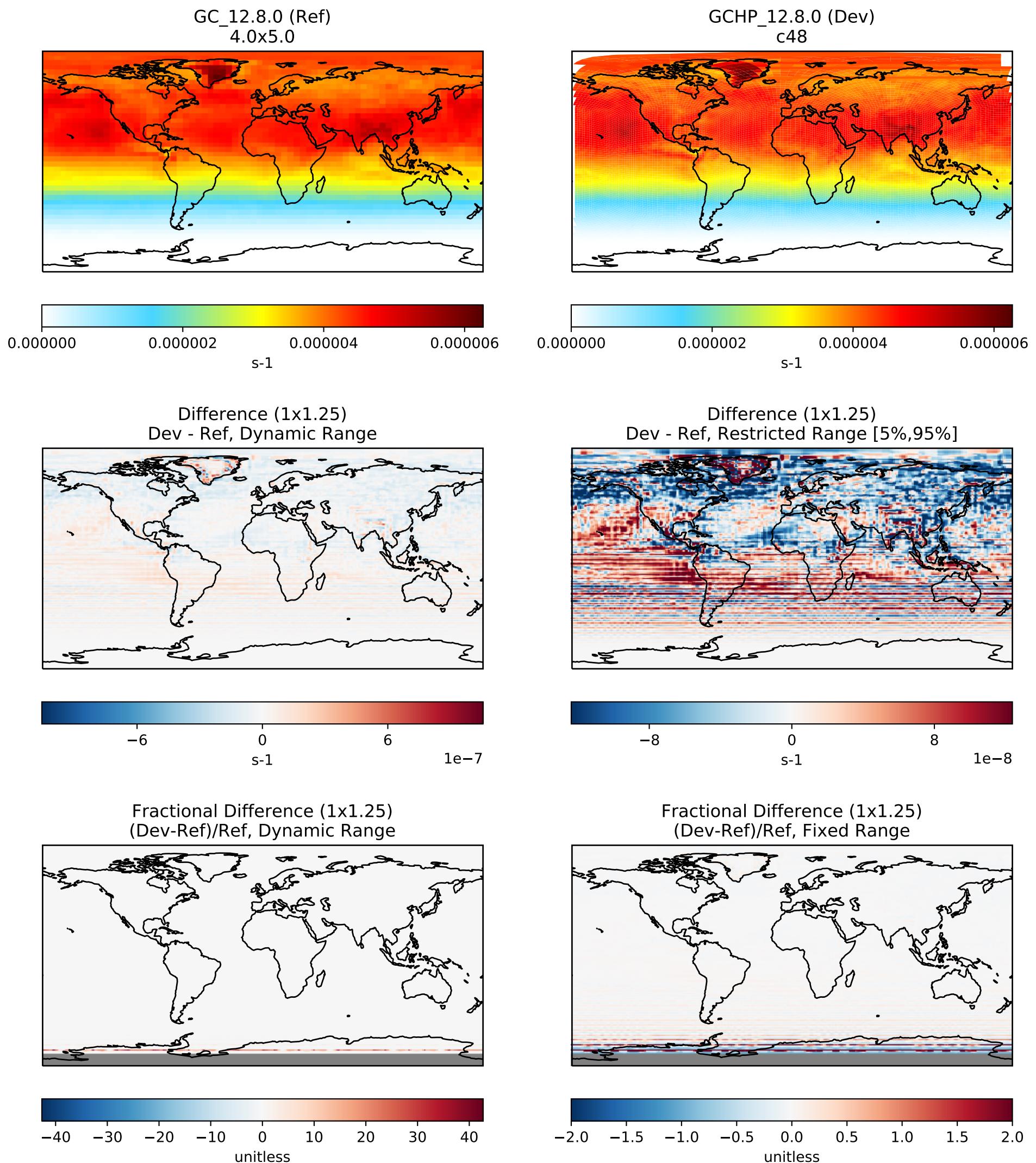
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



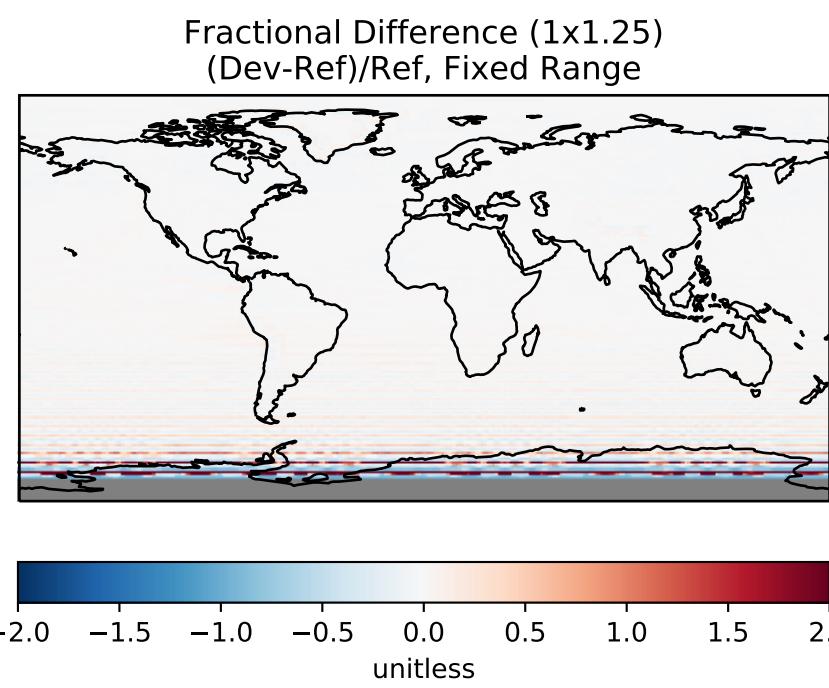
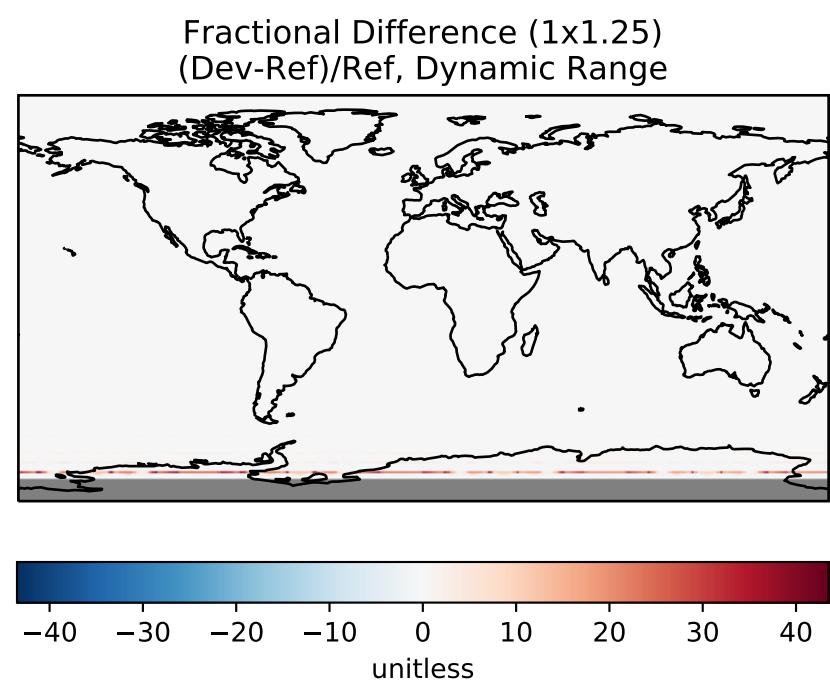
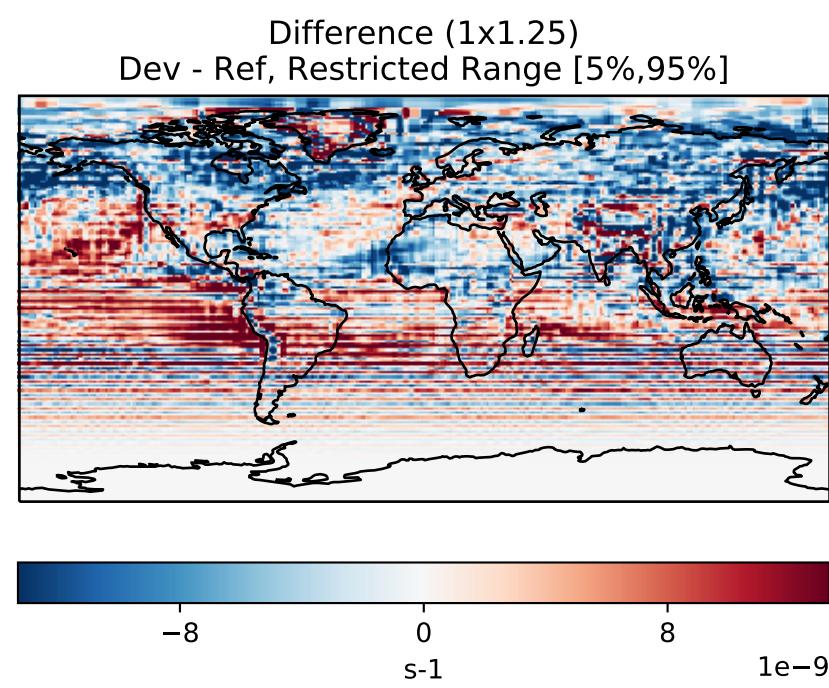
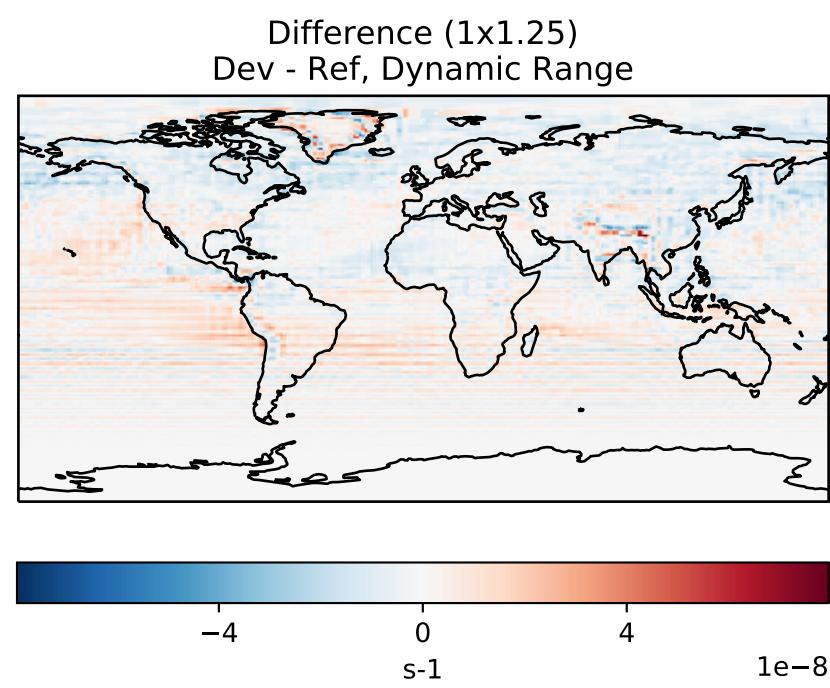
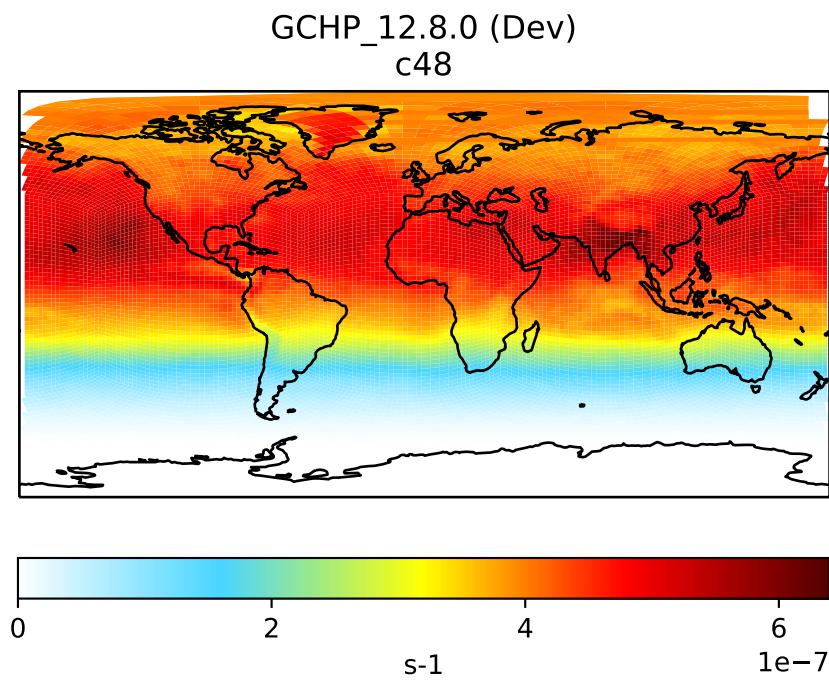
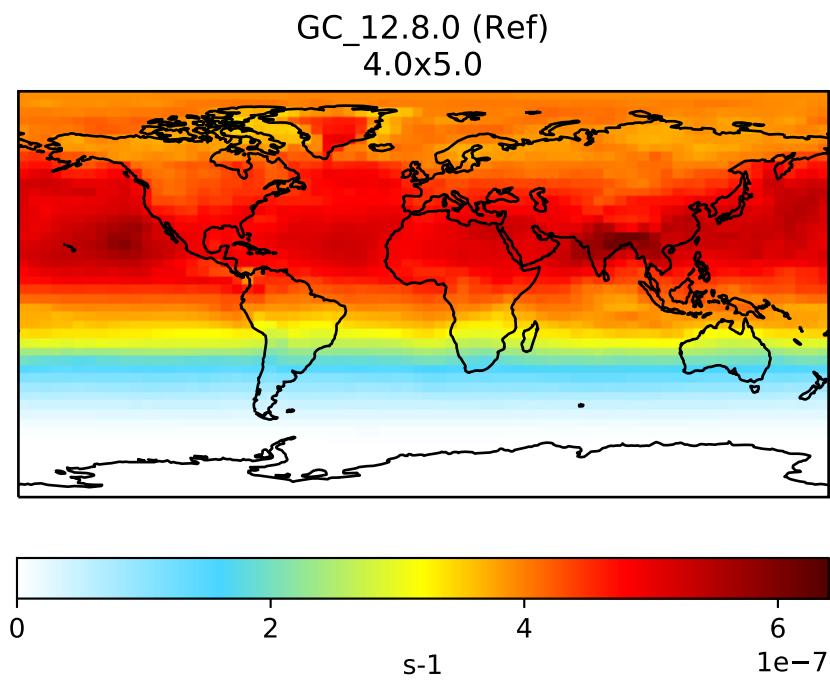
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



Jval_MEK

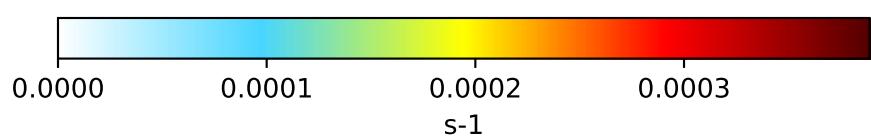
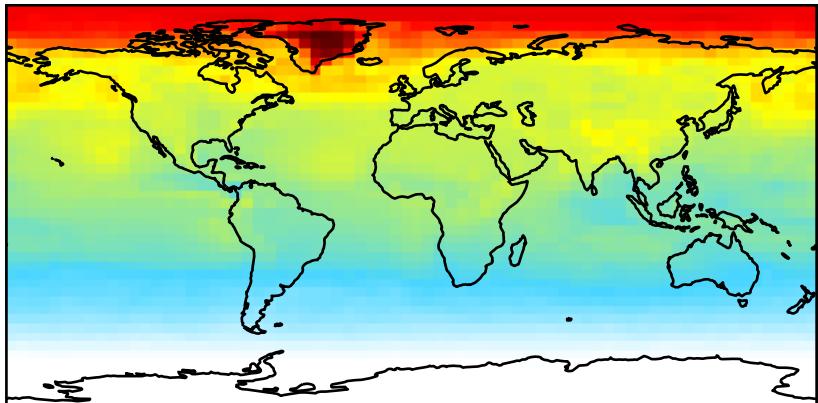


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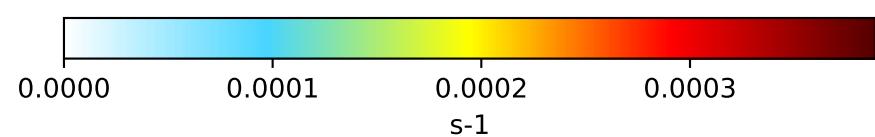
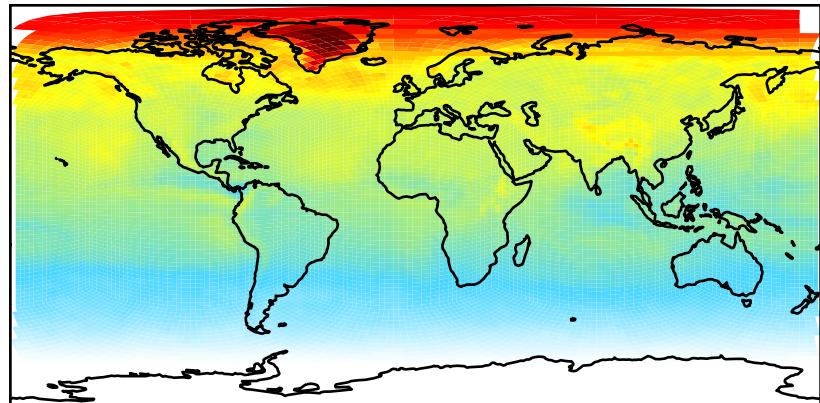


Jval_MGLY

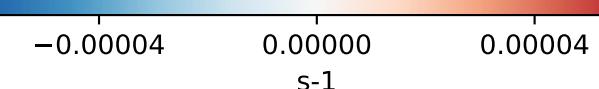
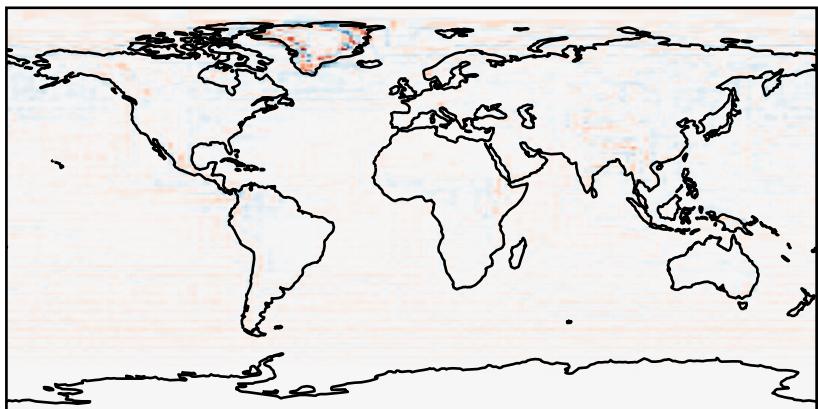
GC_12.8.0 (Ref)
4.0x5.0



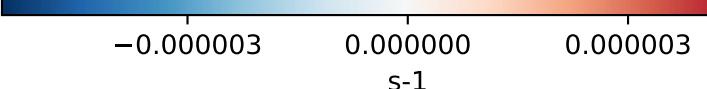
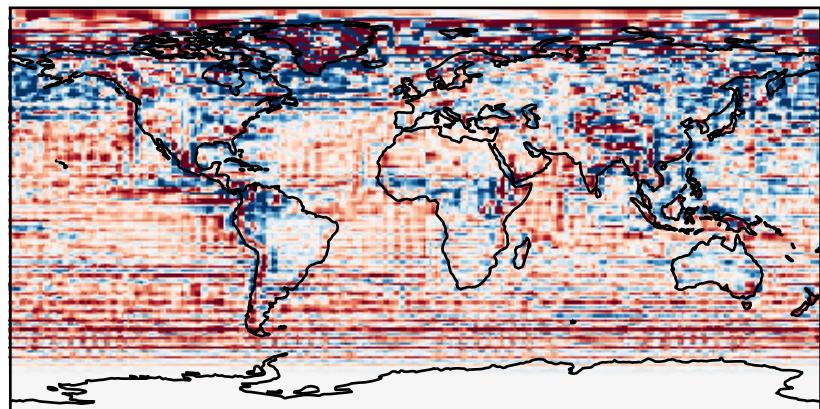
GCHP_12.8.0 (Dev)
c48



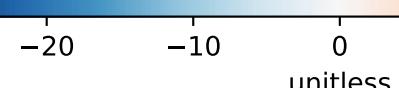
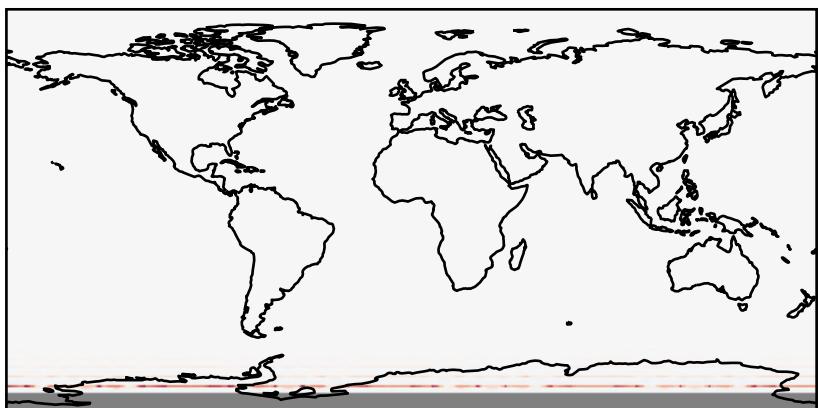
Difference (1x1.25)
Dev - Ref, Dynamic Range



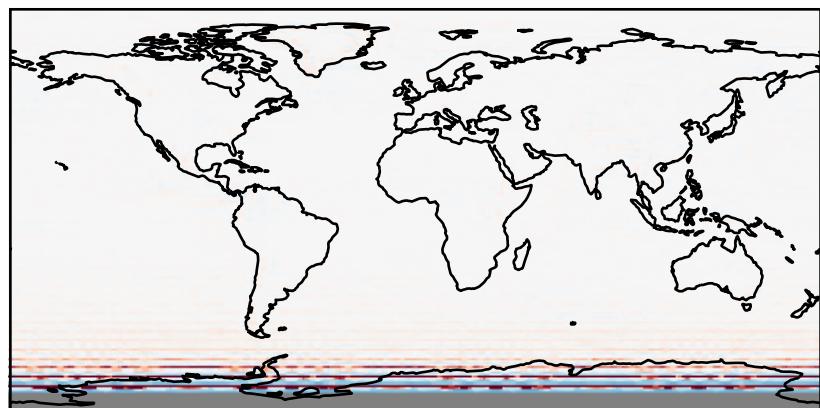
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



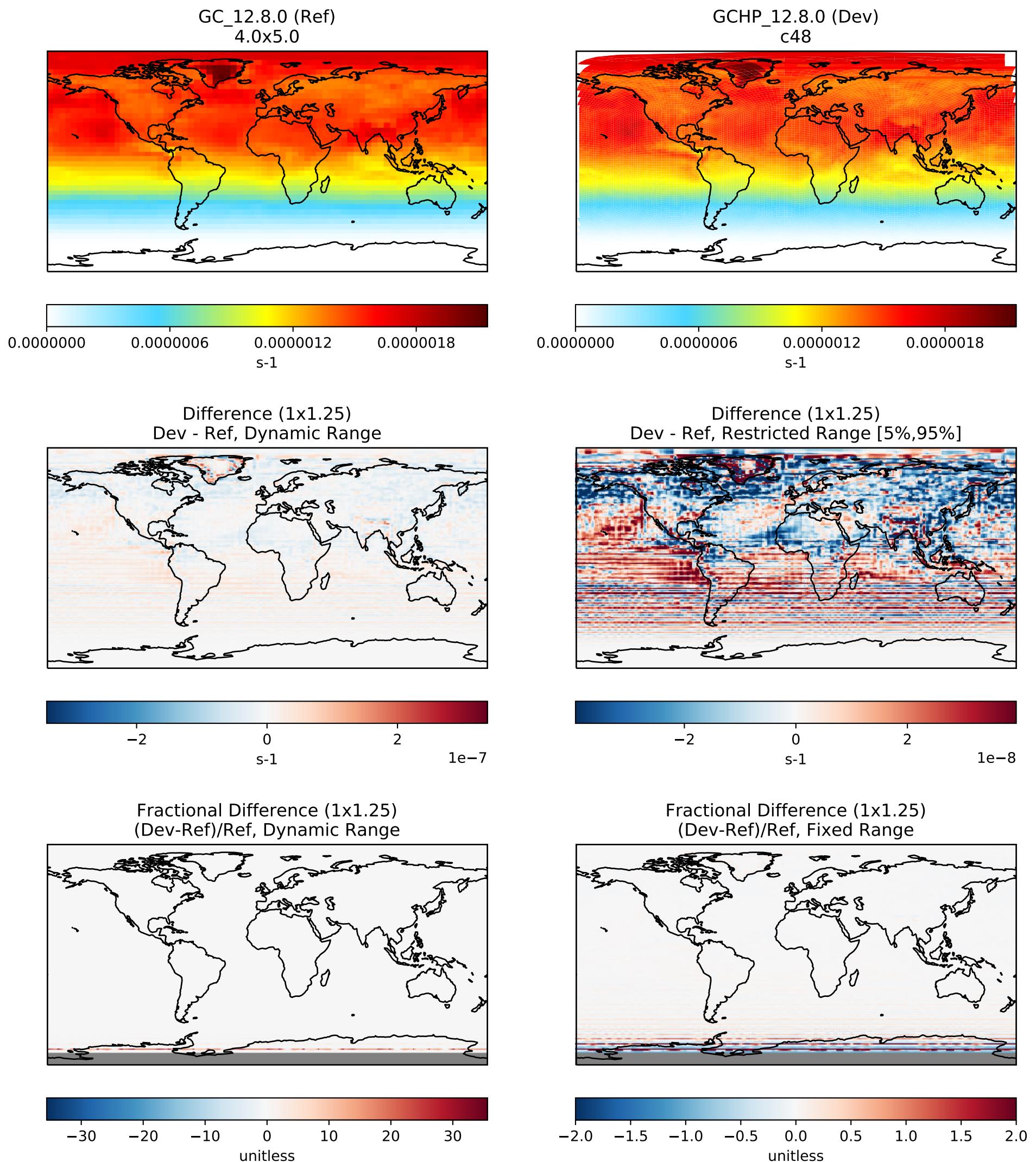
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



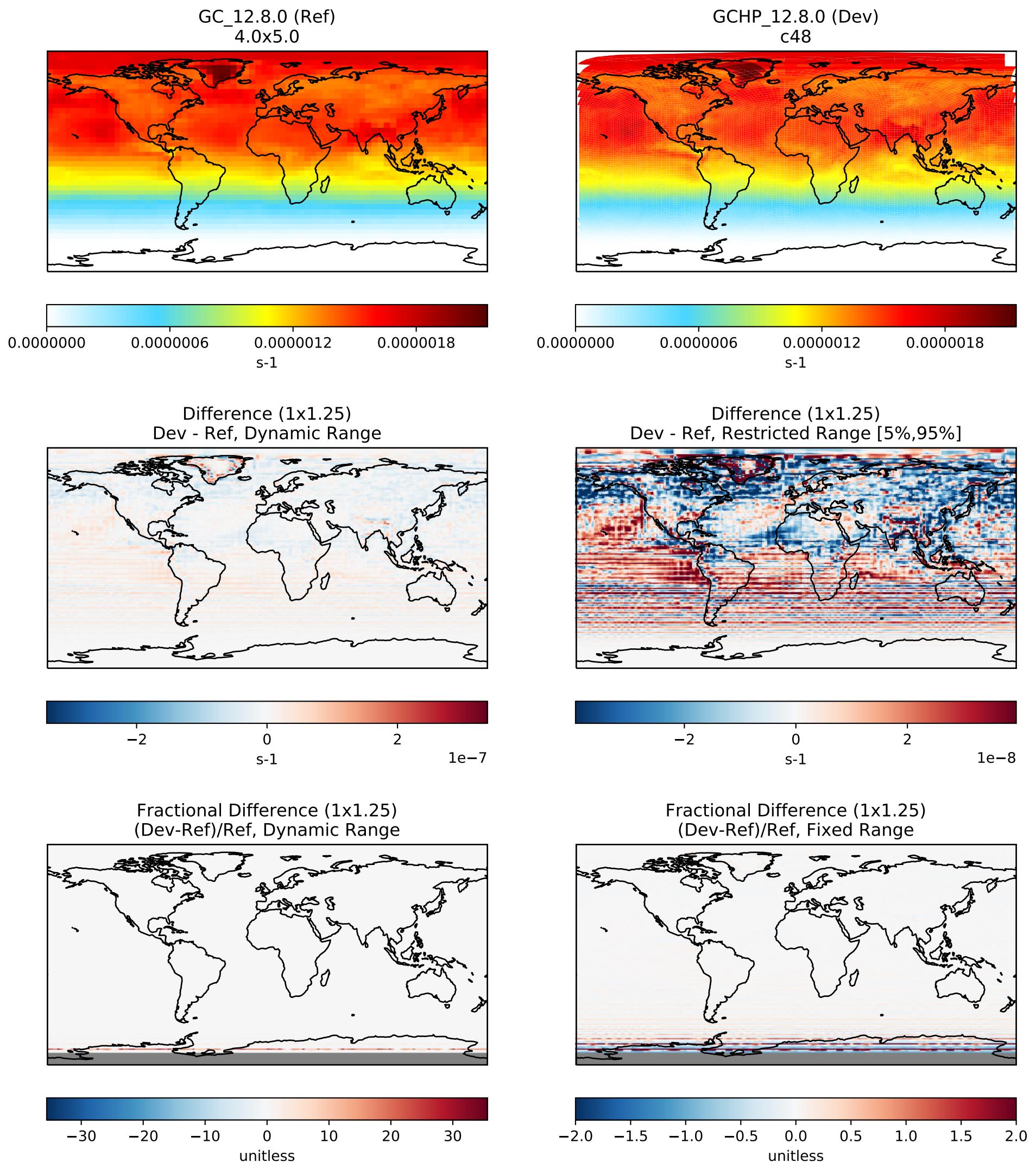
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



Jval_MONITS

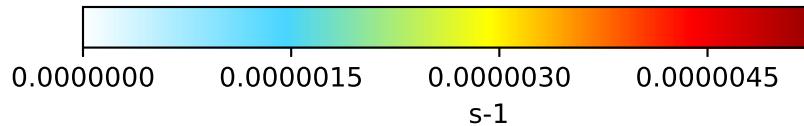
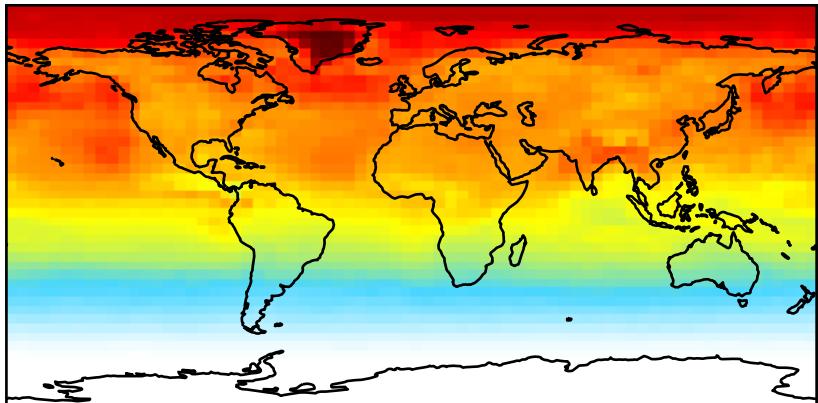


Jval_MONITU

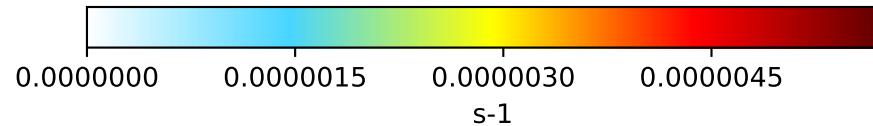
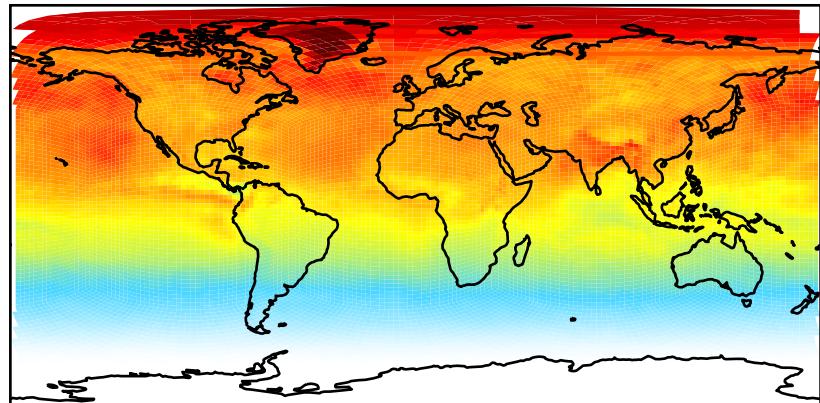


Jval_MP

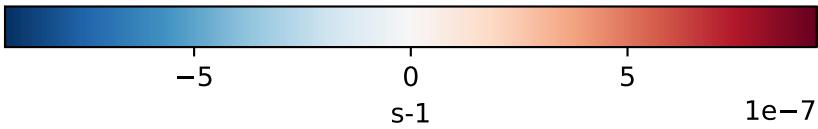
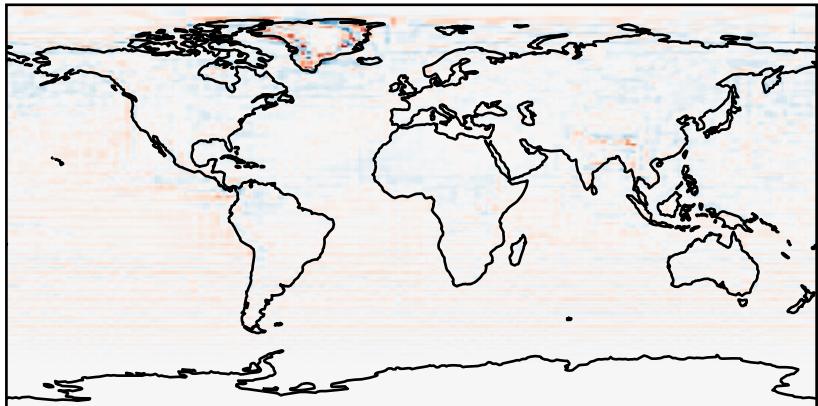
GC_12.8.0 (Ref)
4.0x5.0



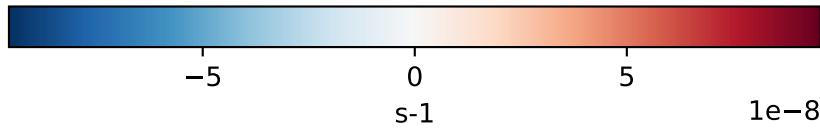
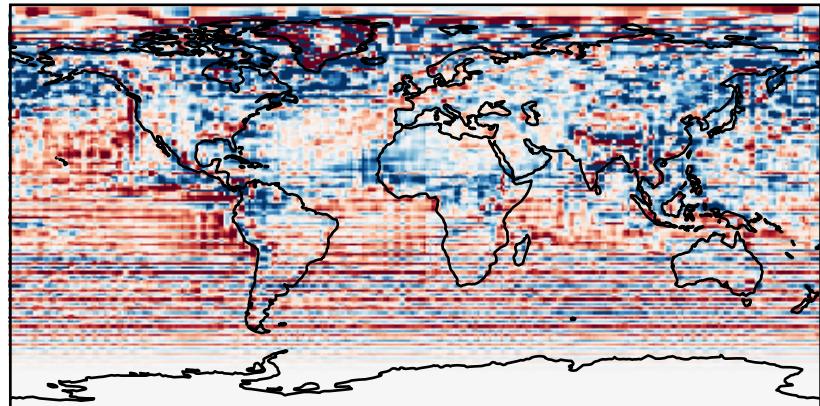
GCHP_12.8.0 (Dev)
c48



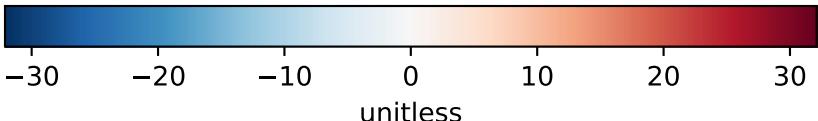
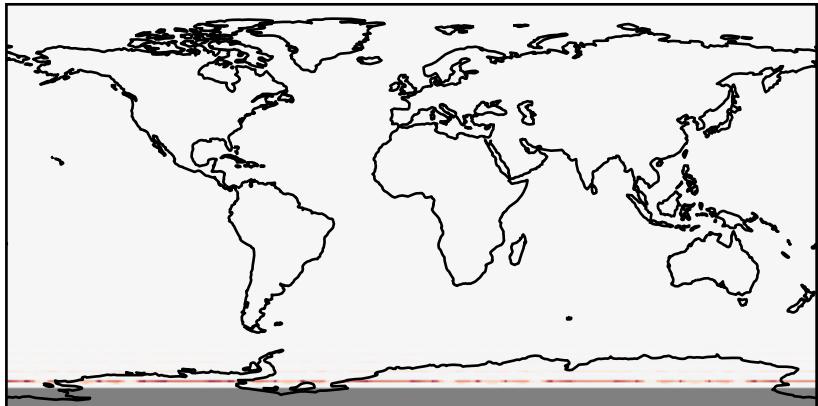
Difference (1x1.25)
Dev - Ref, Dynamic Range



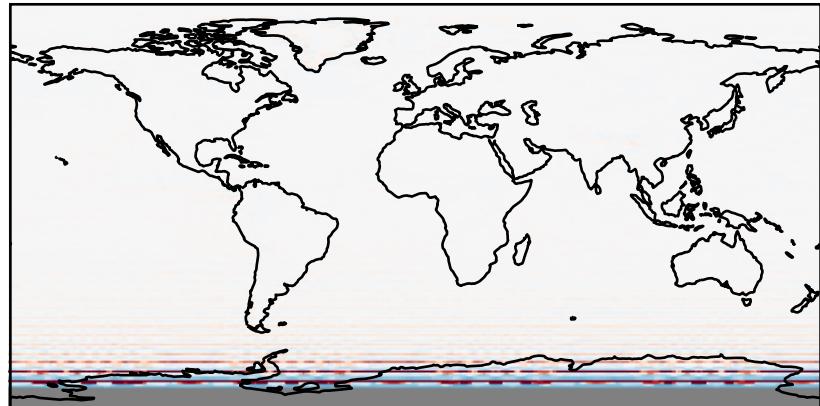
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

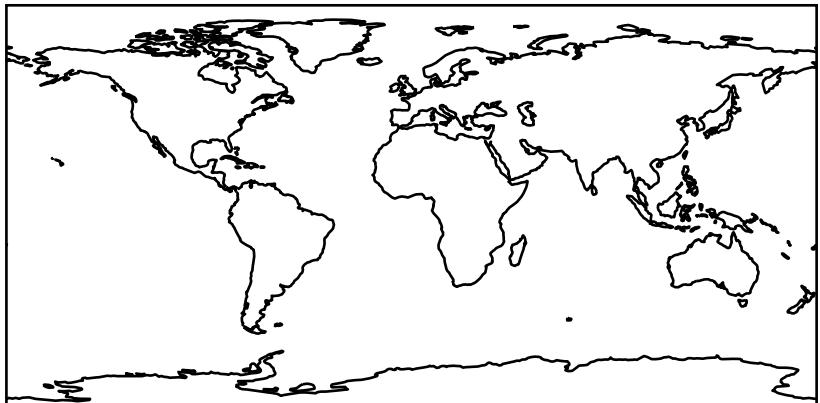


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



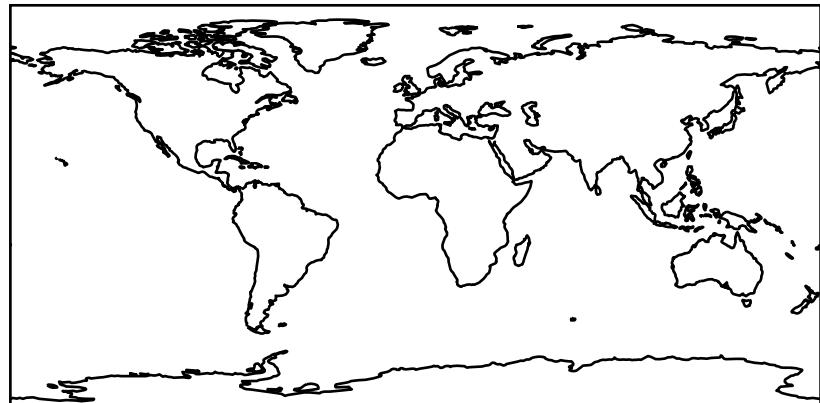
Jval_MPAN

GC_12.8.0 (Ref)
4.0x5.0



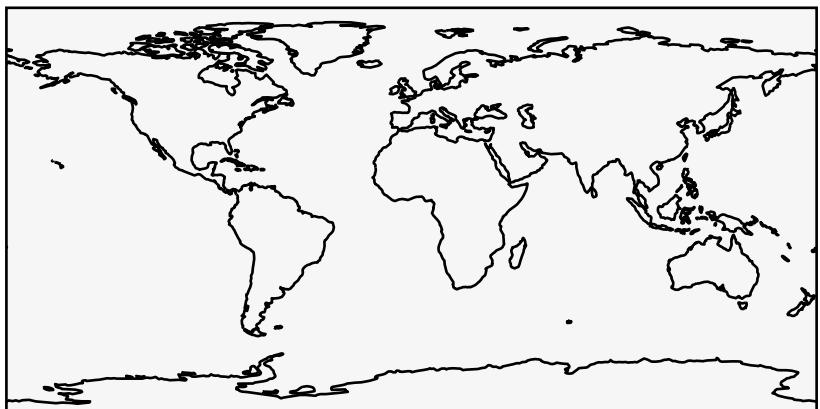
Zero throughout domain
s-1

GCHP_12.8.0 (Dev)
c48



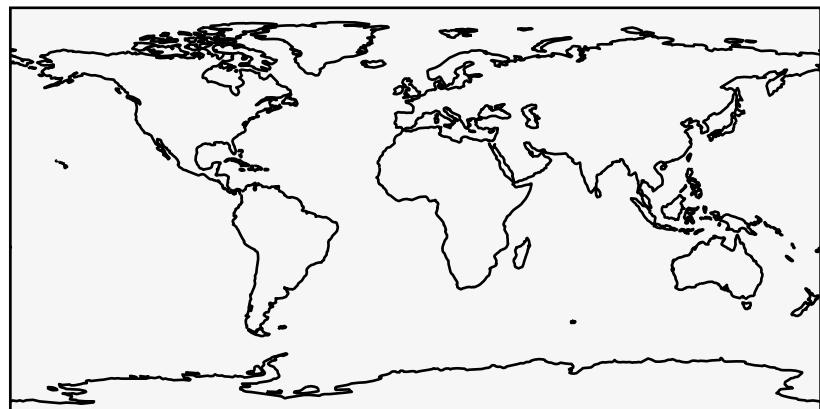
Zero throughout domain
s-1

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



Zero throughout domain
s-1

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



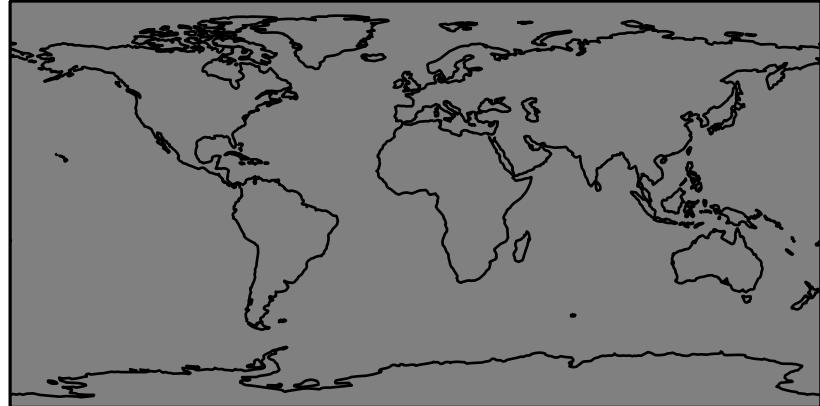
Zero throughout domain
s-1

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



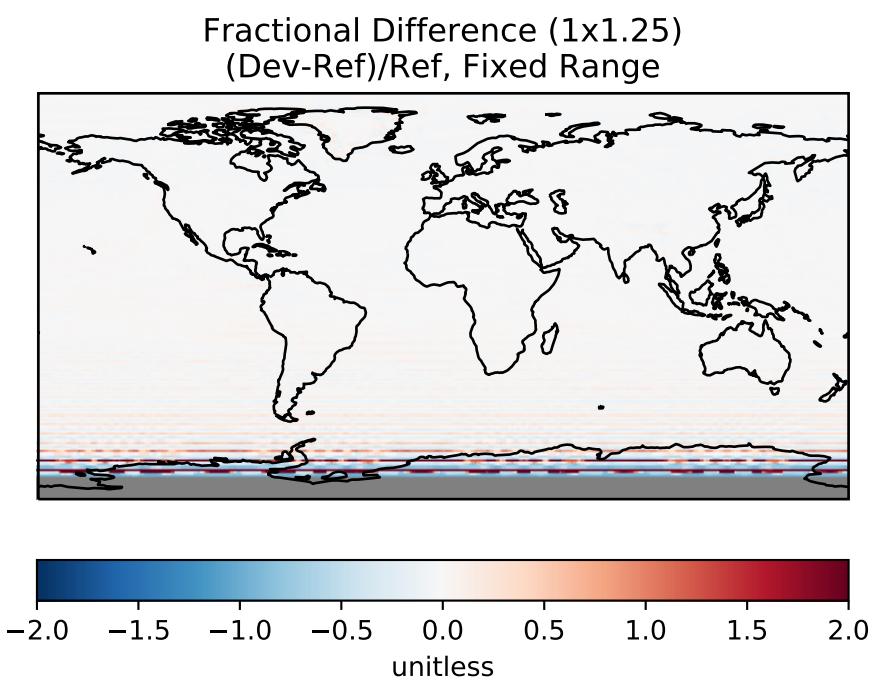
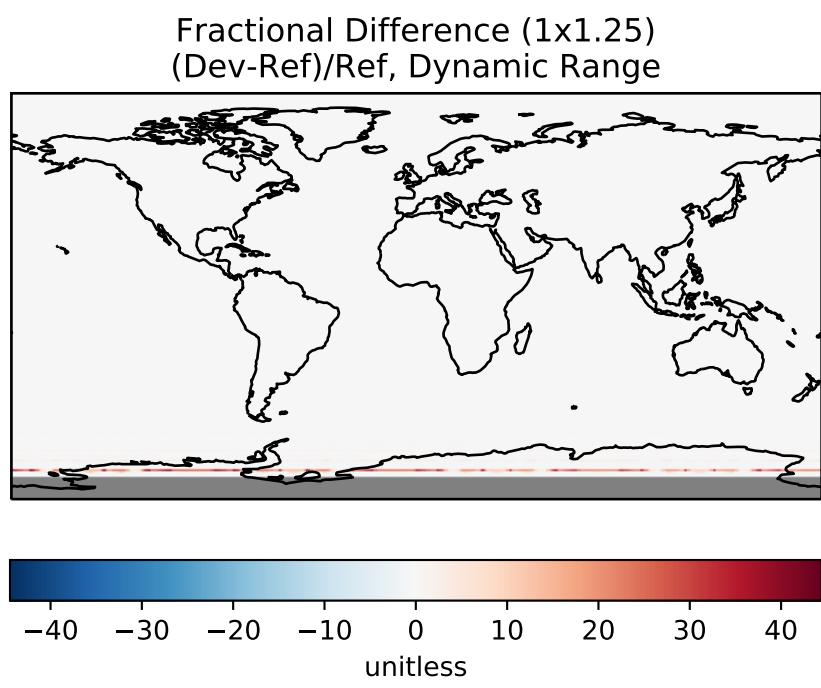
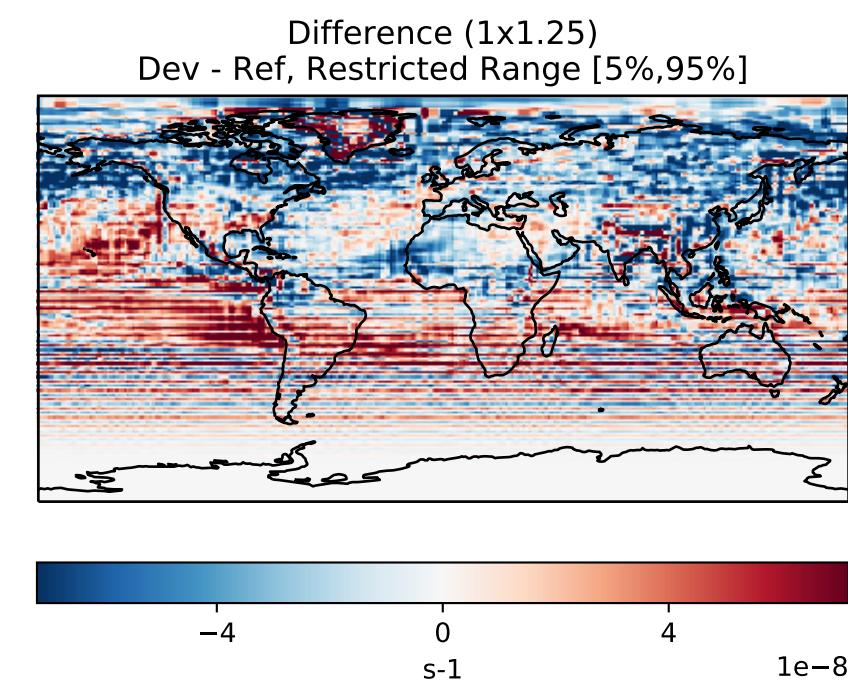
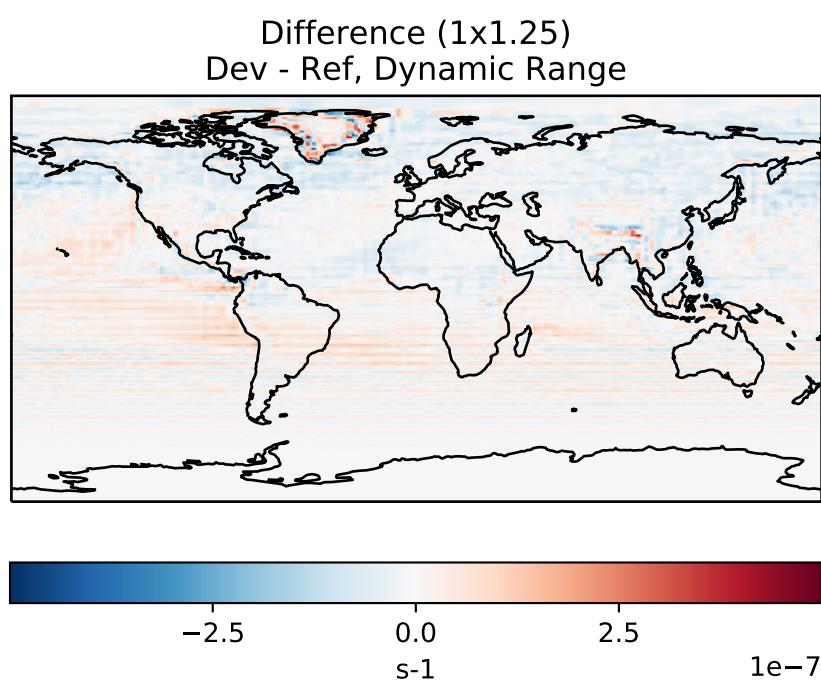
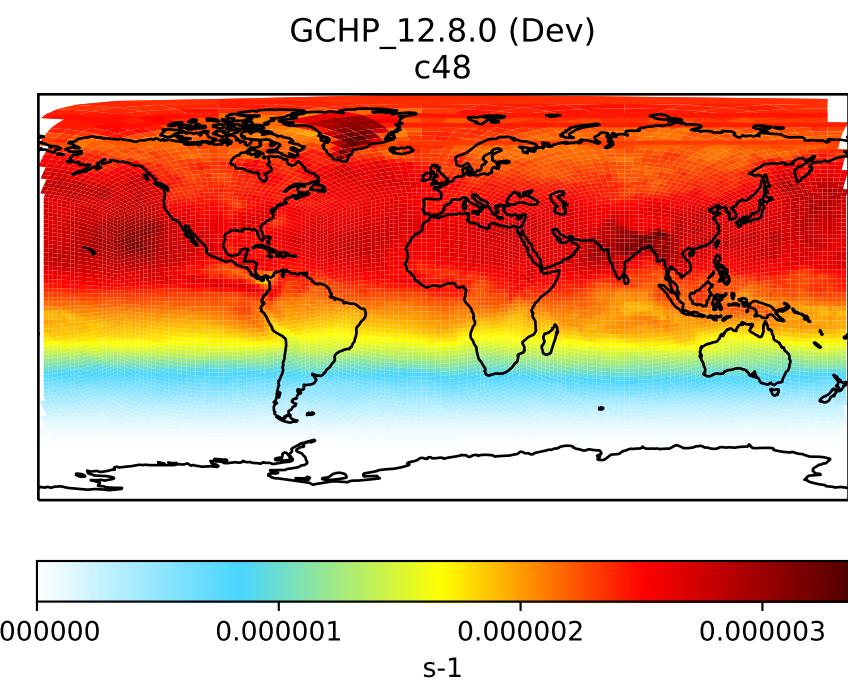
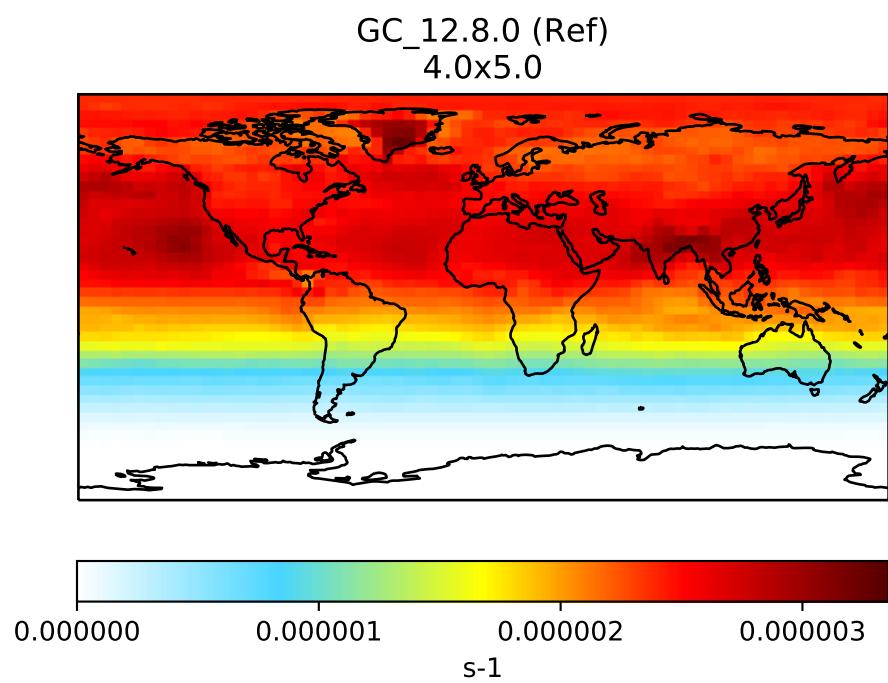
Undefined throughout domain
unitless

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

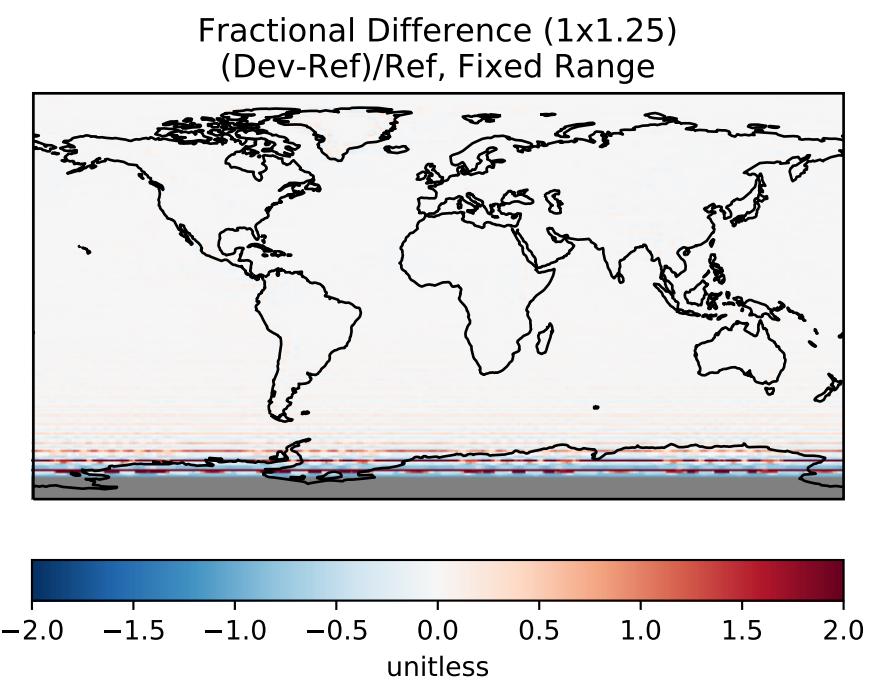
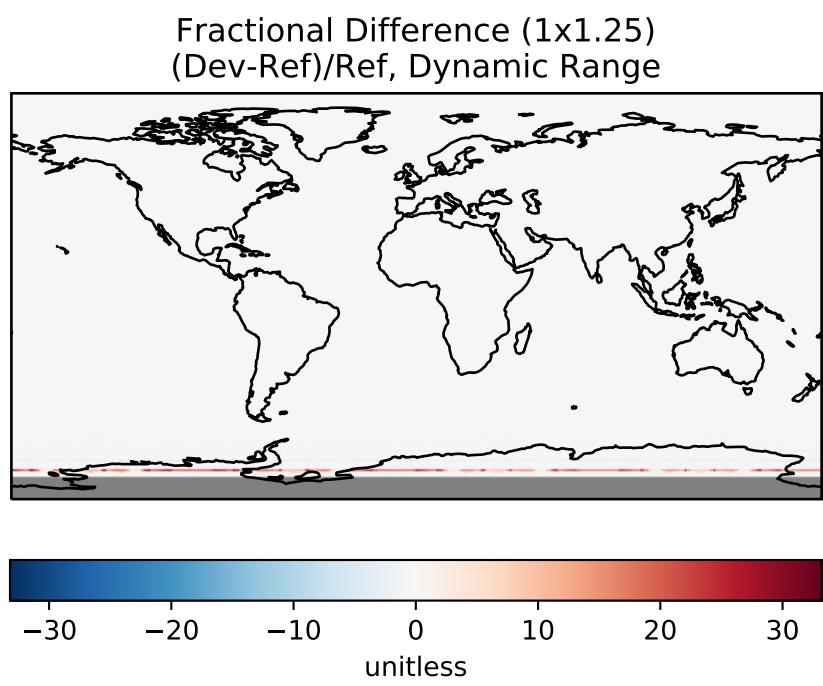
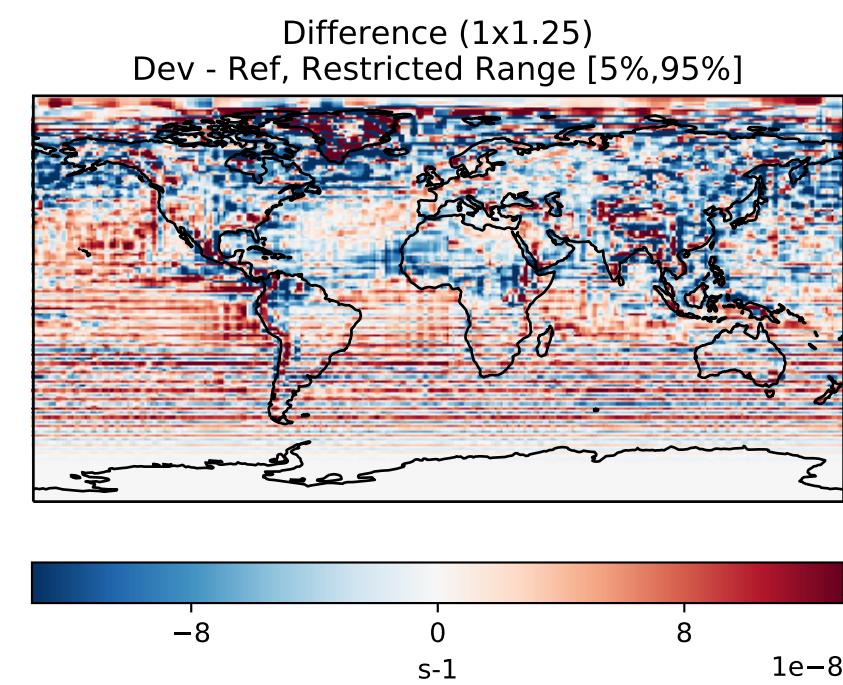
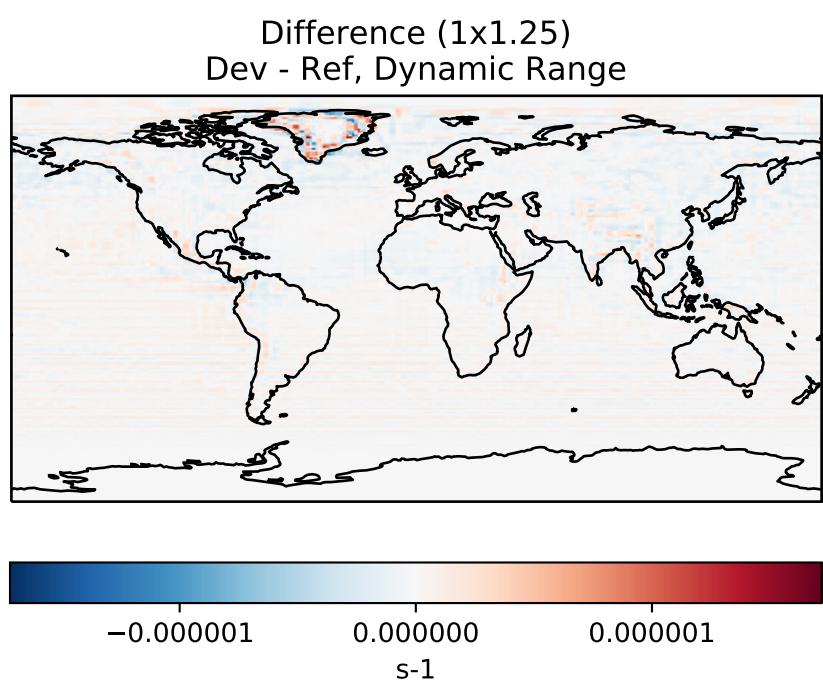
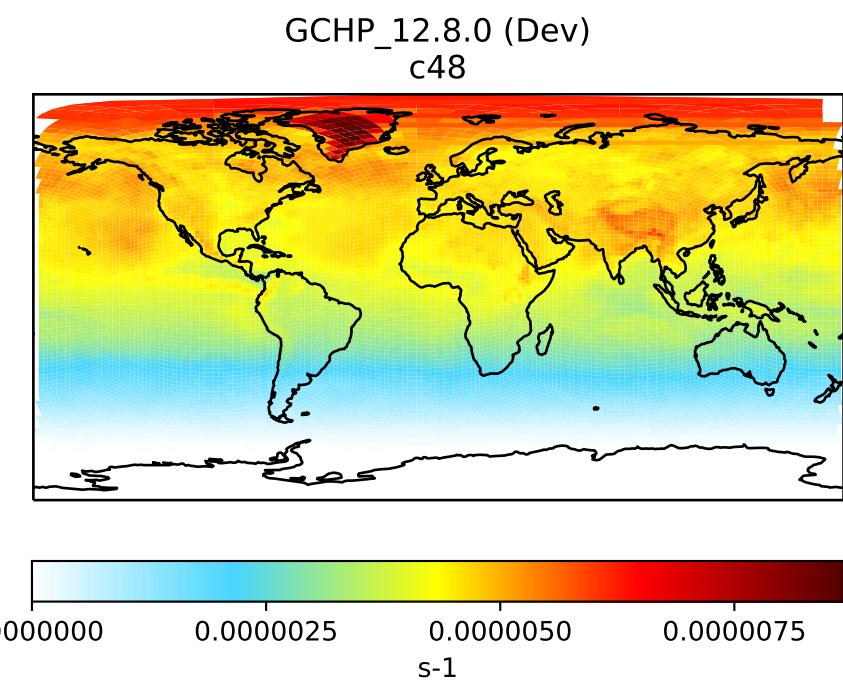
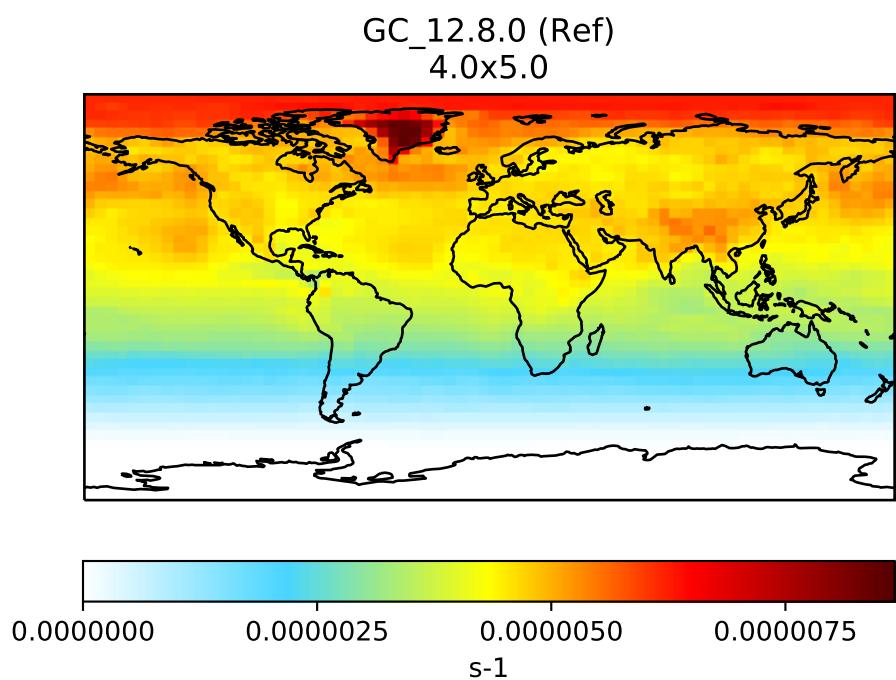


Undefined throughout domain
unitless

Jval_MPNN

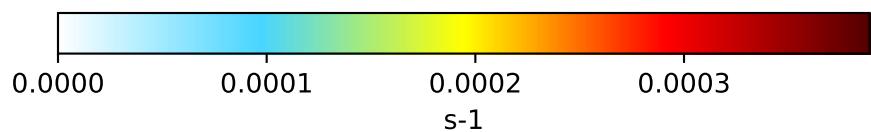
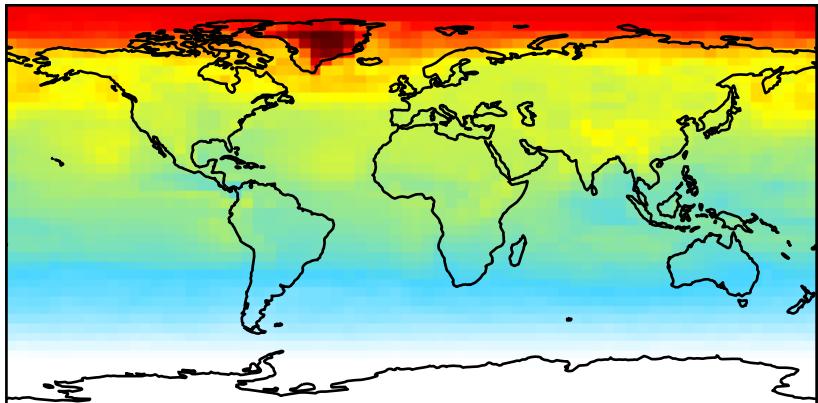


Jval_MVK

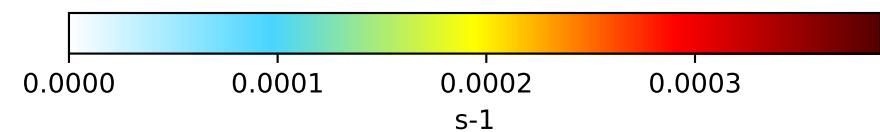
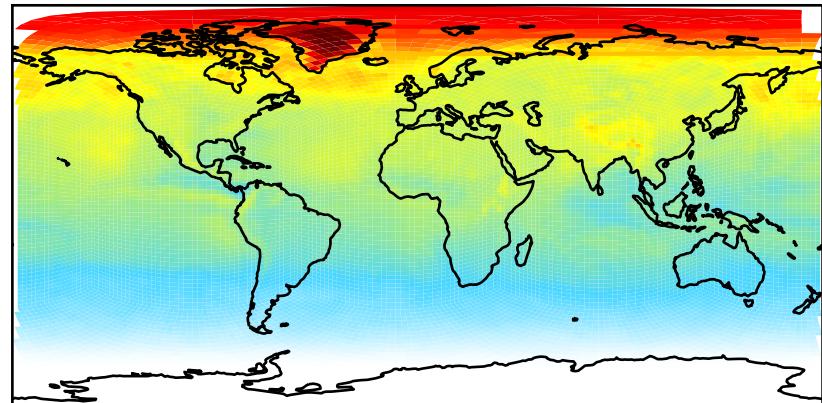


Jval_MVKHC

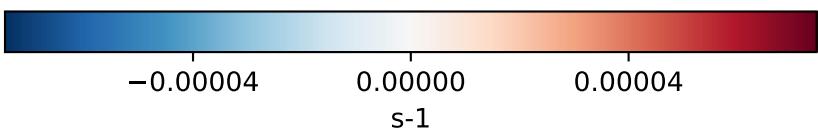
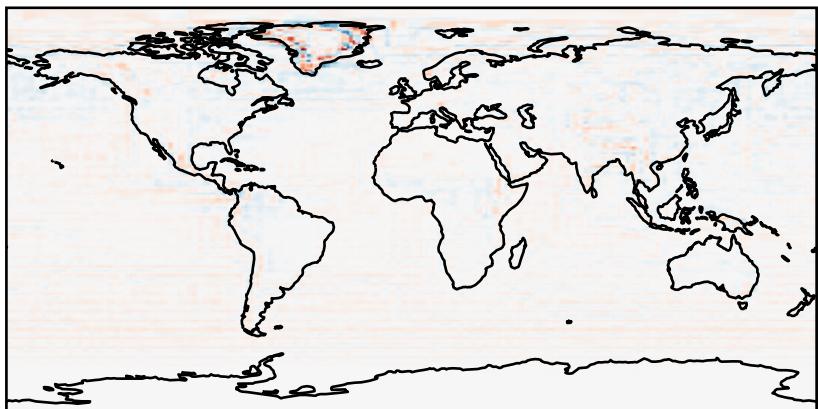
GC_12.8.0 (Ref)
4.0x5.0



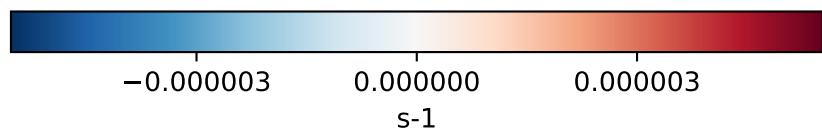
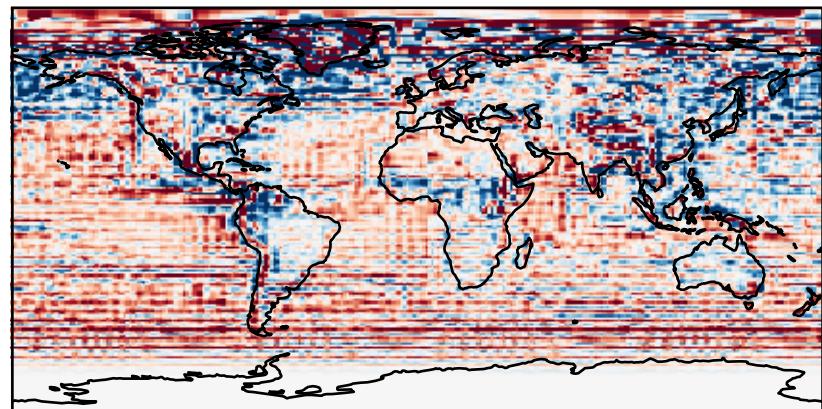
GCHP_12.8.0 (Dev)
c48



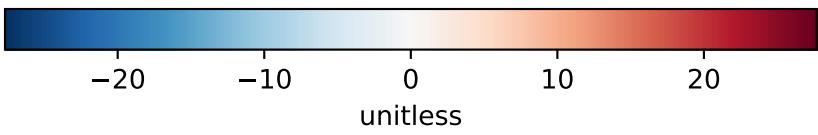
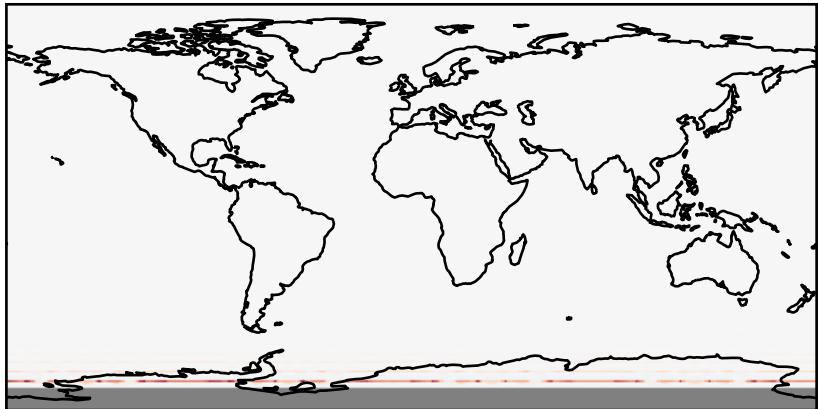
Difference (1x1.25)
Dev - Ref, Dynamic Range



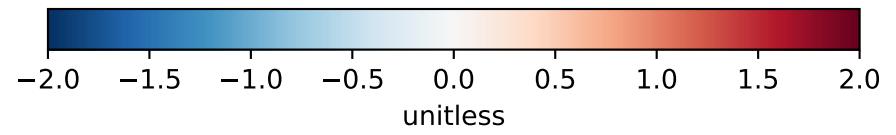
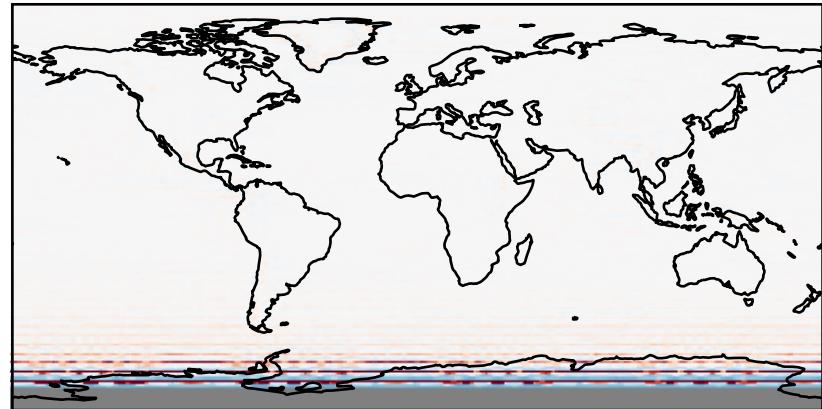
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

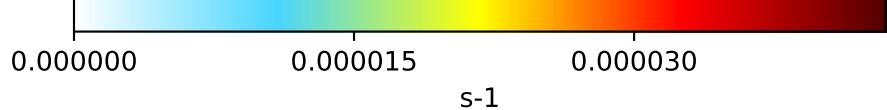
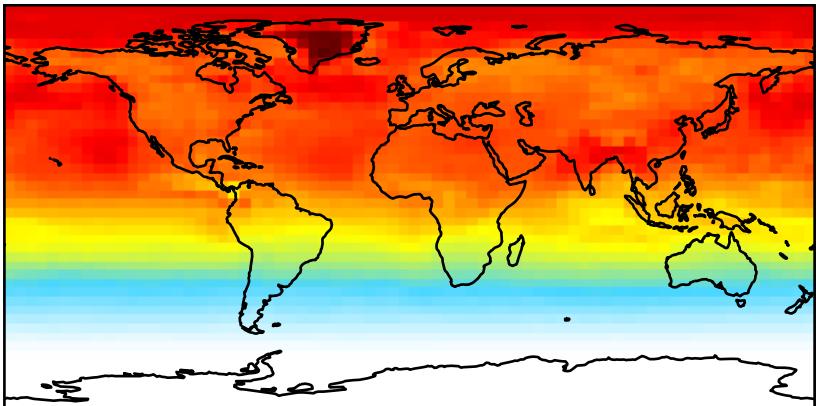


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

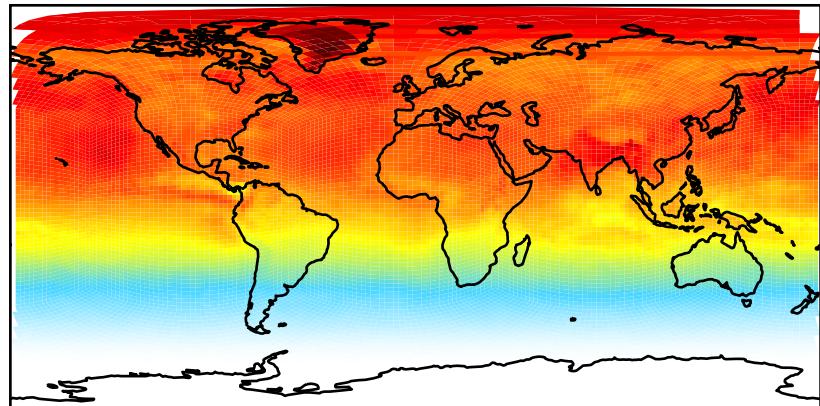


Jval_MVKHCB

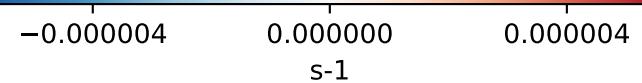
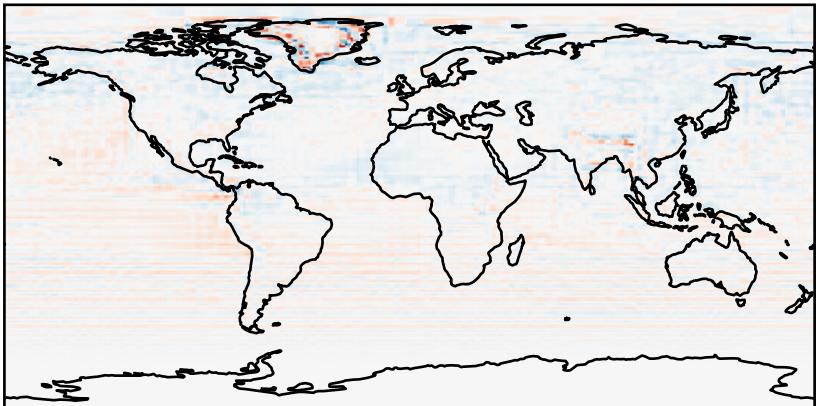
GC_12.8.0 (Ref)
4.0x5.0



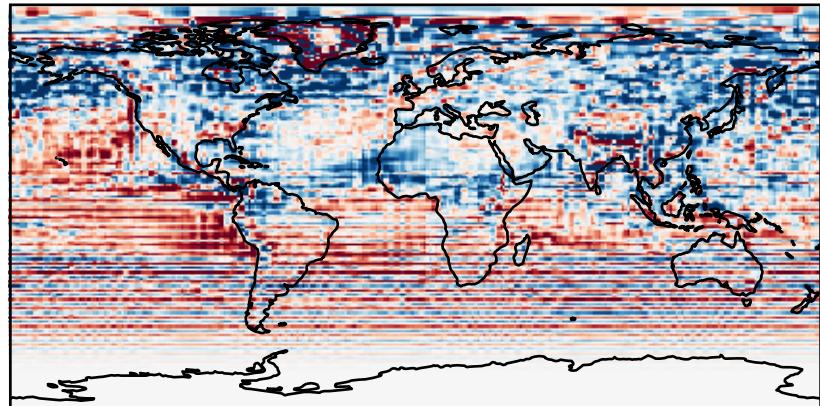
GCHP_12.8.0 (Dev)
c48



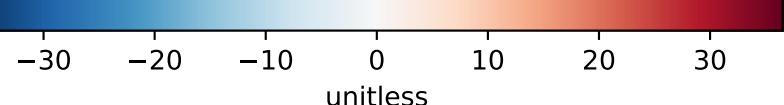
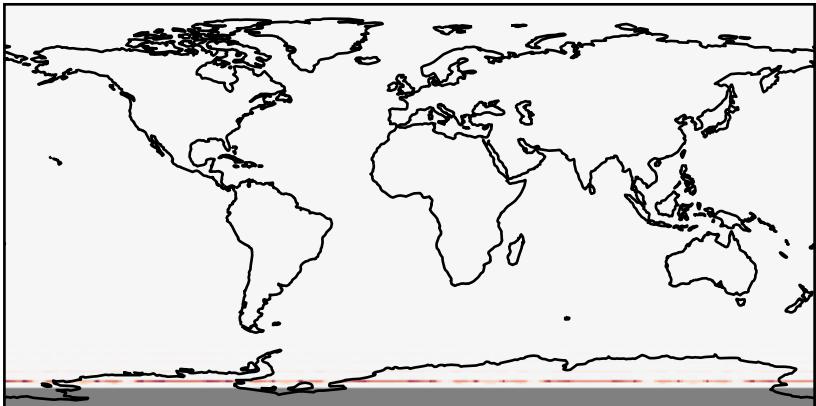
Difference (1x1.25)
Dev - Ref, Dynamic Range



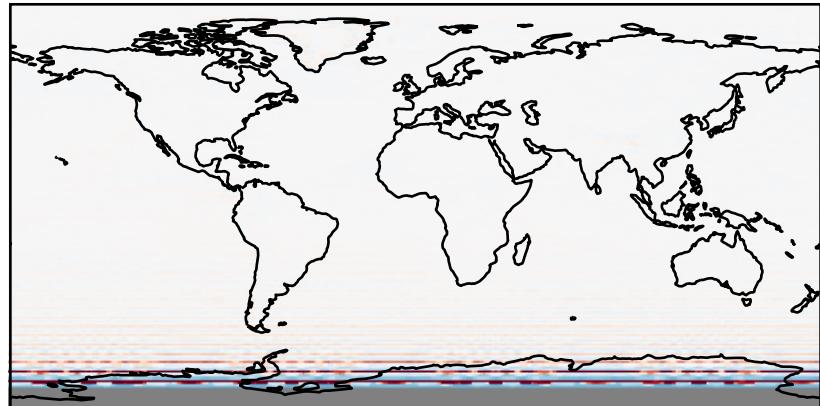
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

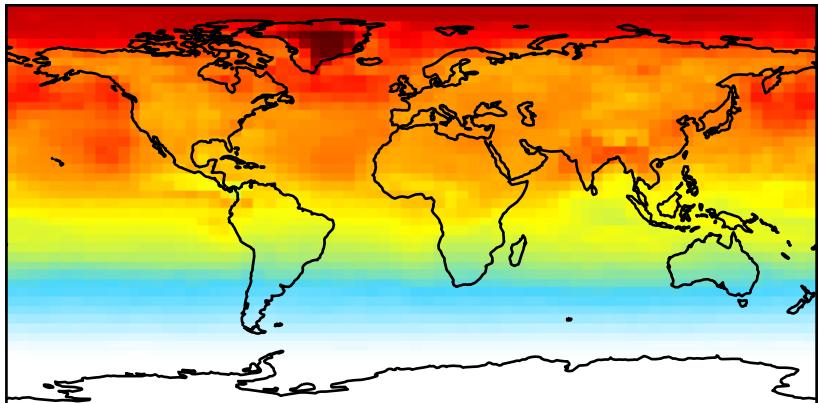


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



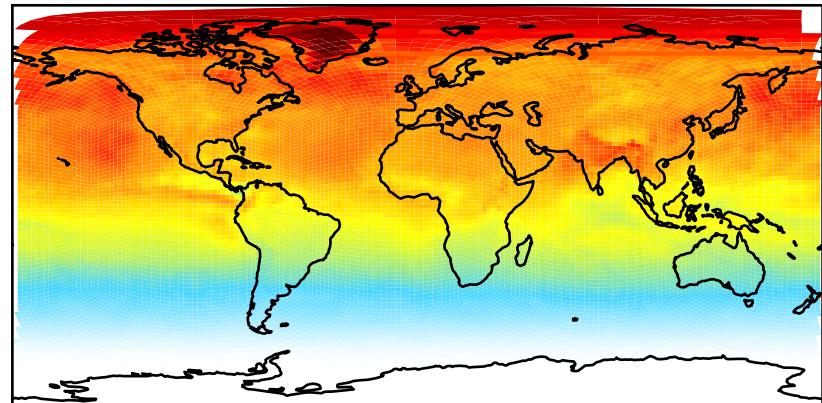
Jval_MVKHP

GC_12.8.0 (Ref)
4.0x5.0



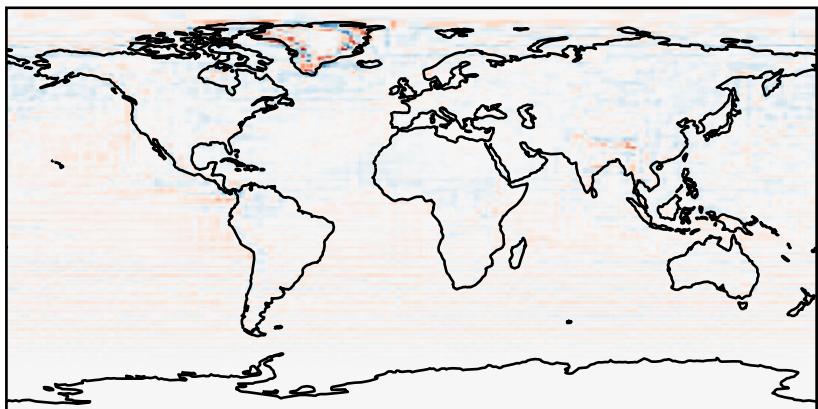
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s⁻¹

GCHP_12.8.0 (Dev)
c48



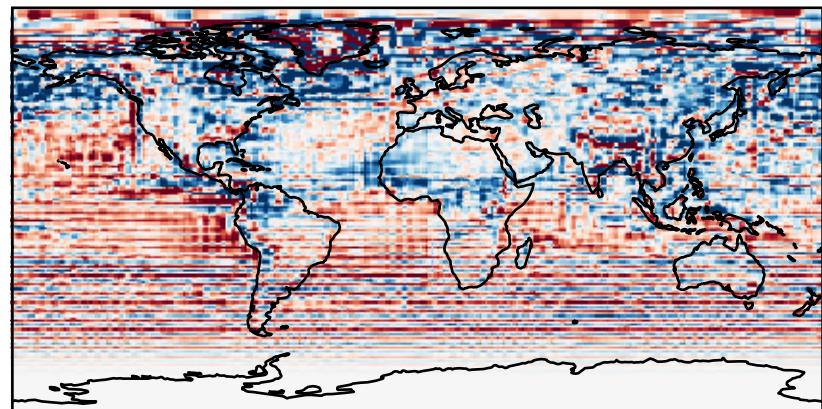
0.0000000 0.0000015 0.0000030 0.0000045
s⁻¹

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



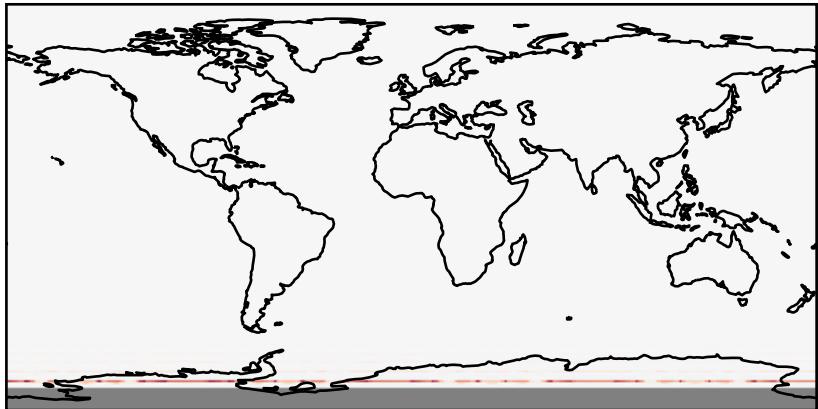
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s⁻¹

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



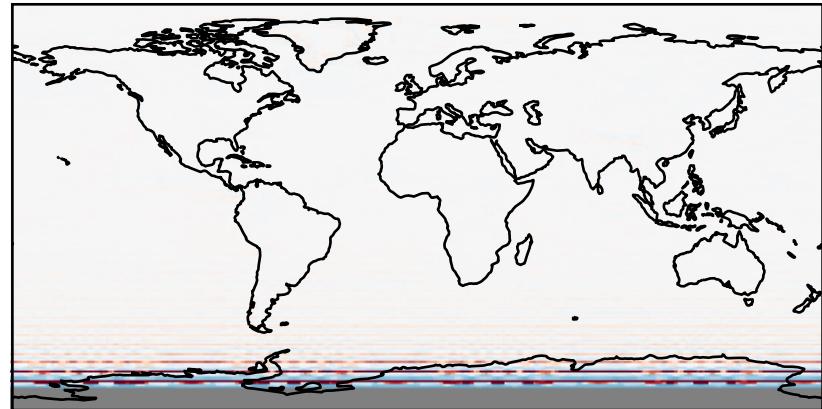
-5 0 5 1e-8
s⁻¹

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



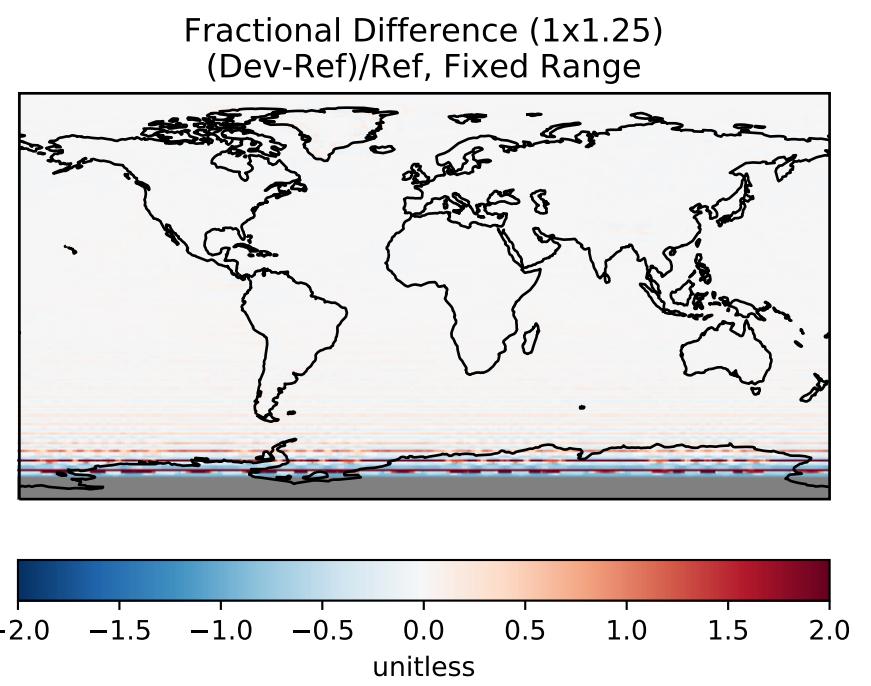
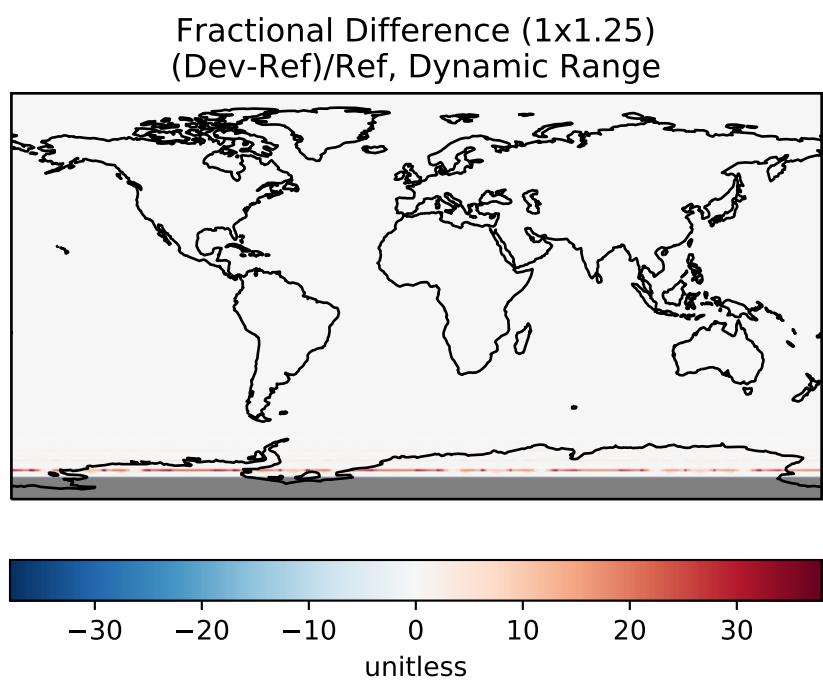
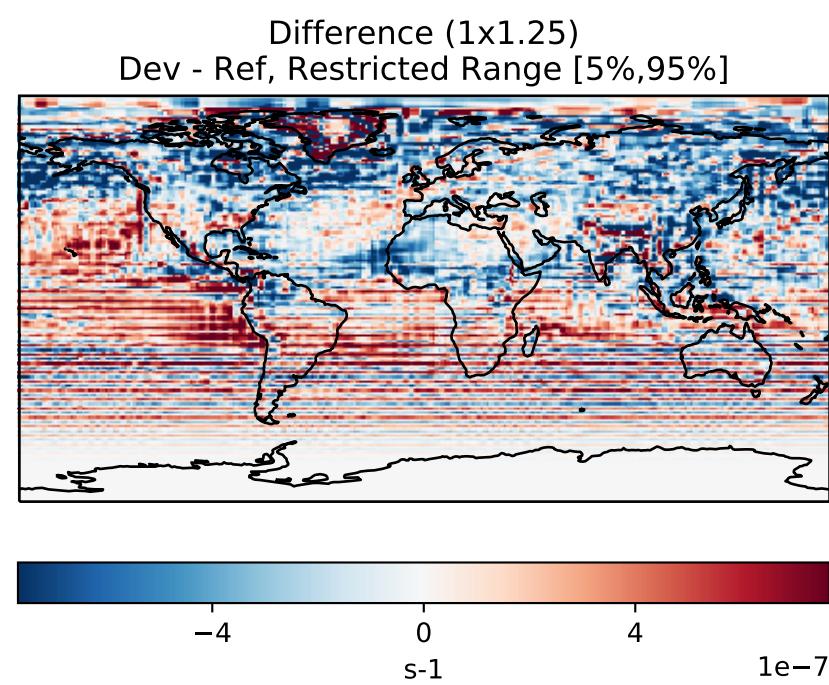
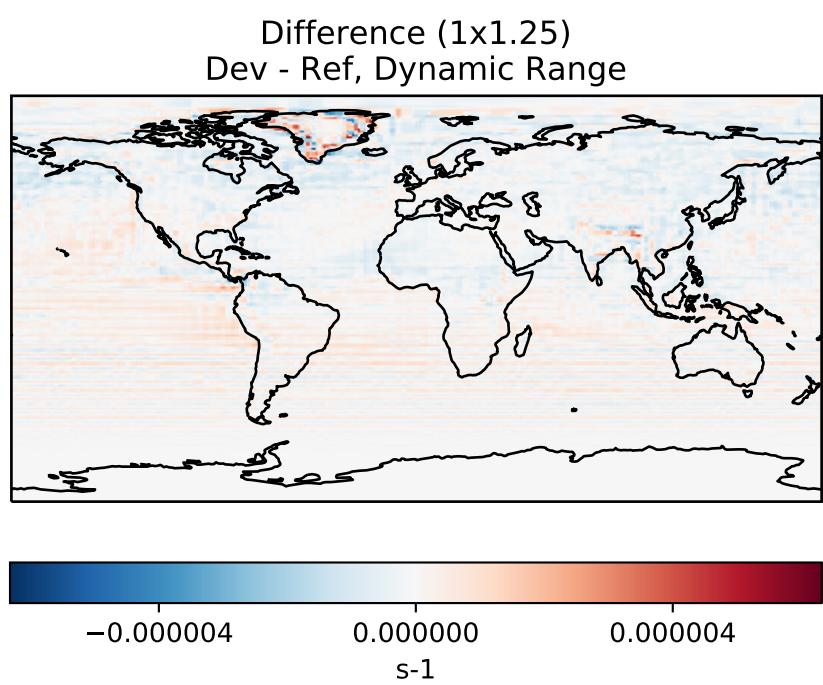
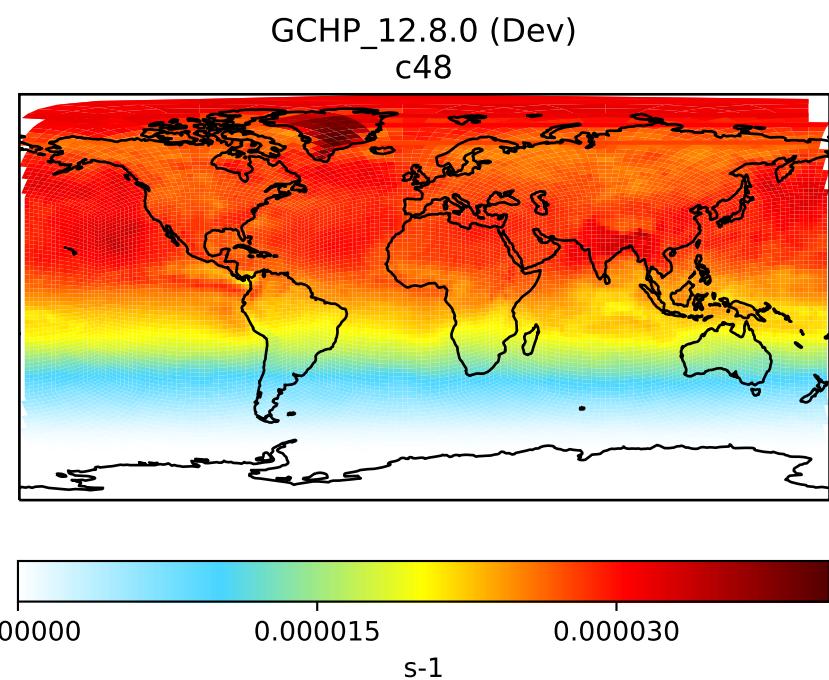
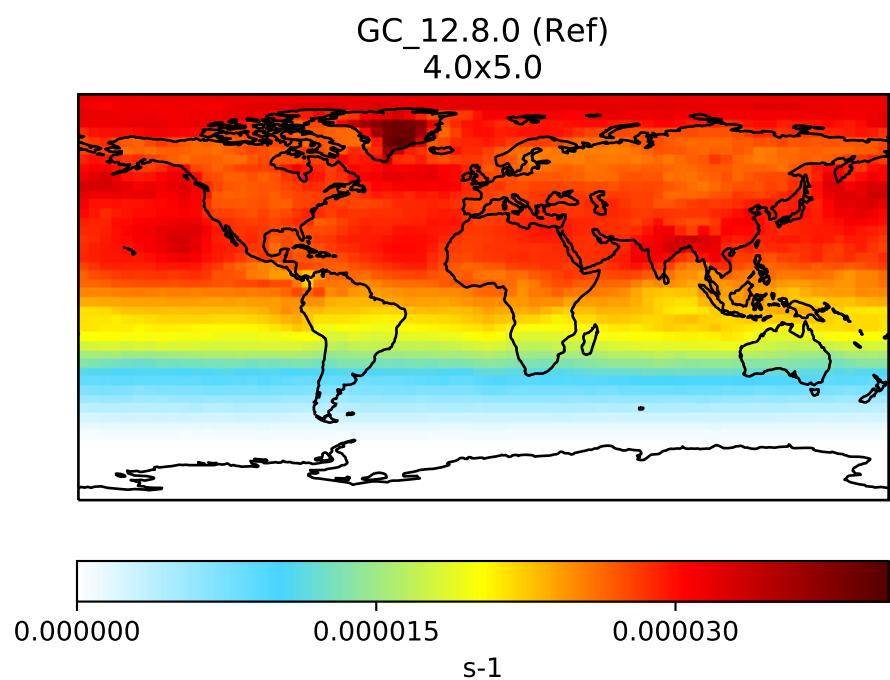
-30 -20 -10 0 10 20 30
unitless

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



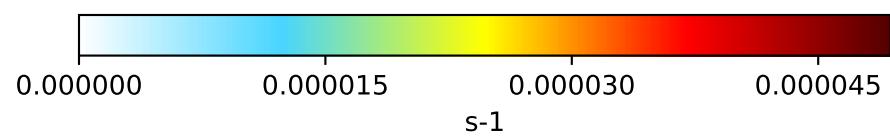
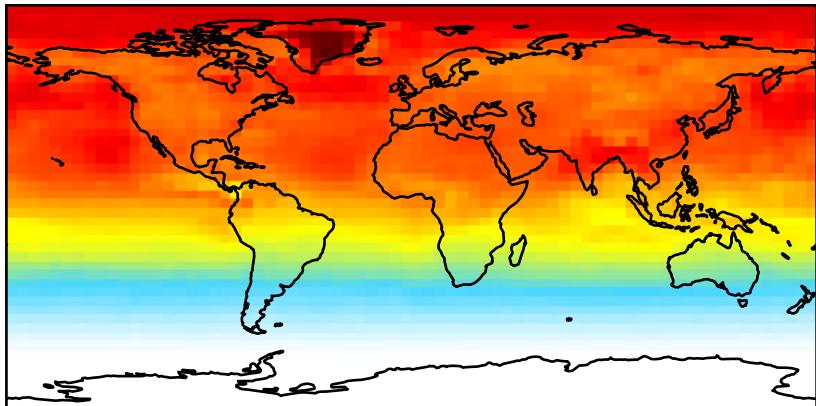
-2.0 -1.5 -1.0 -0.5 0.0 0.5 1.0 1.5 2.0
unitless

Jval_MVKN

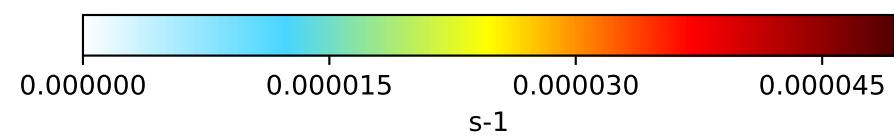
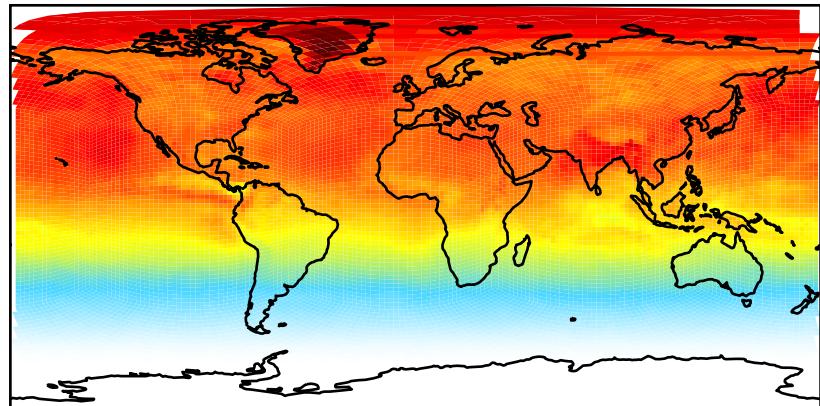


Jval_MVKPC

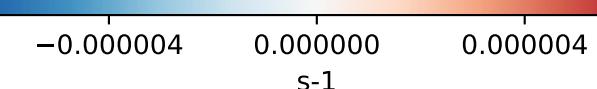
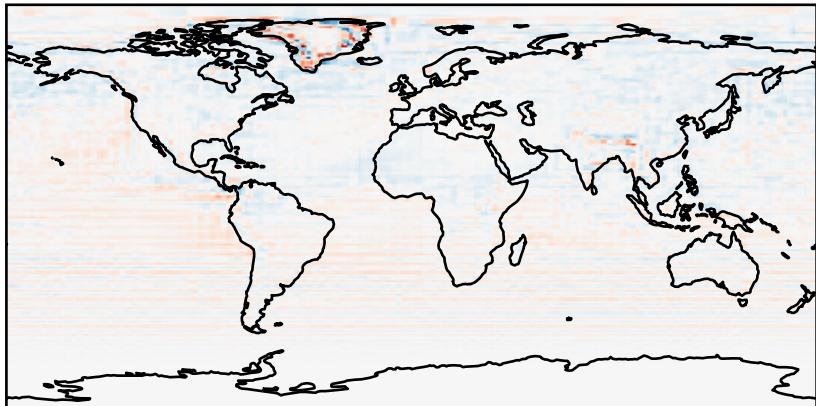
GC_12.8.0 (Ref)
4.0x5.0



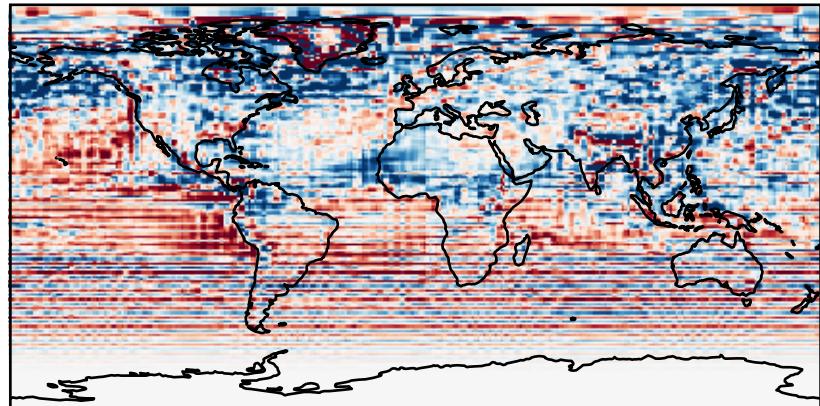
GCHP_12.8.0 (Dev)
c48



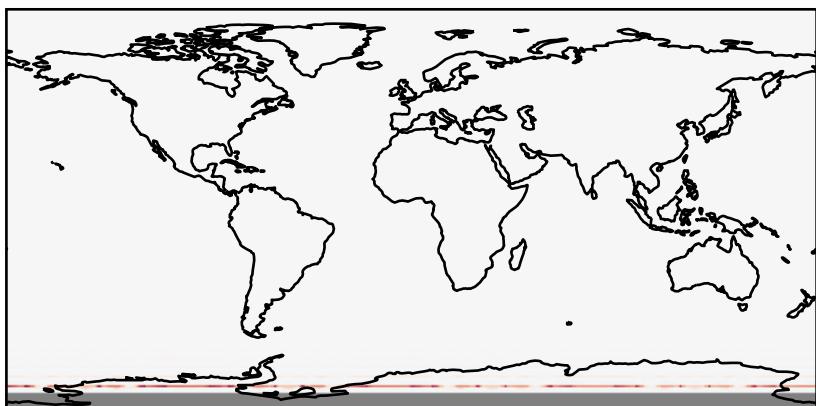
Difference (1x1.25)
Dev - Ref, Dynamic Range



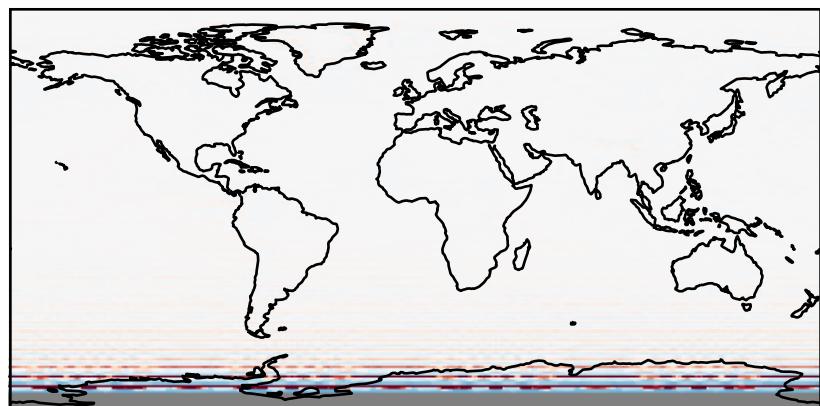
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



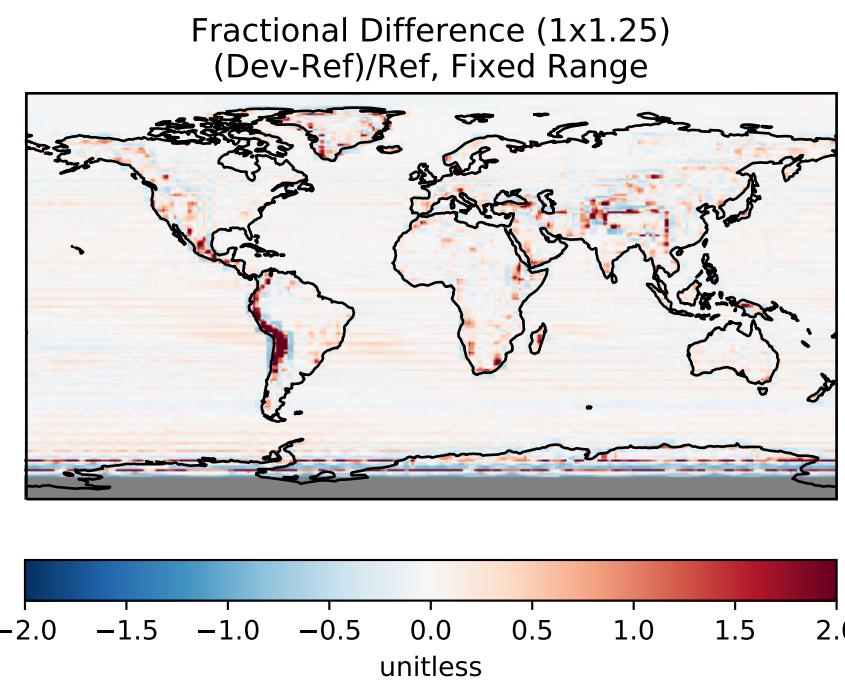
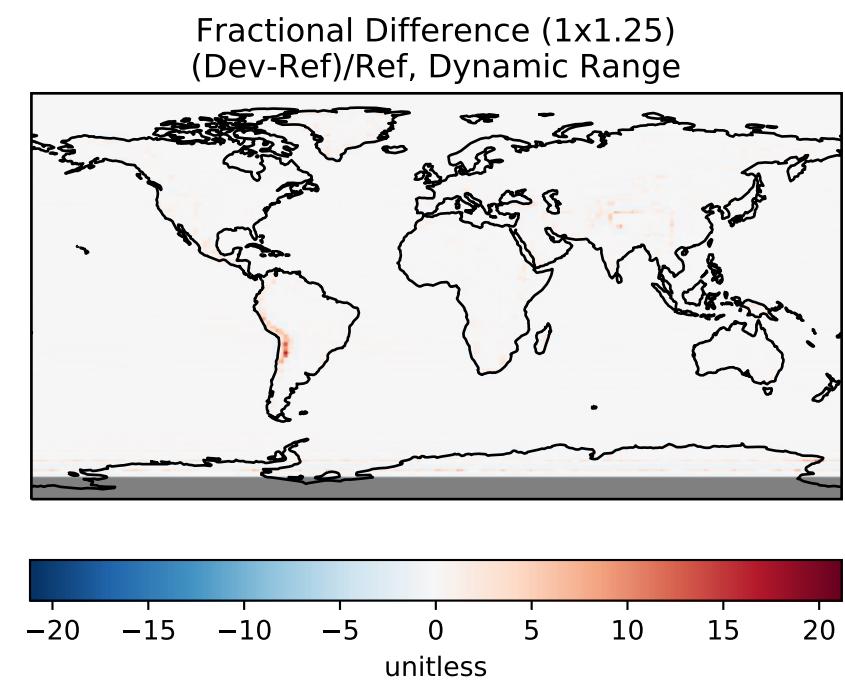
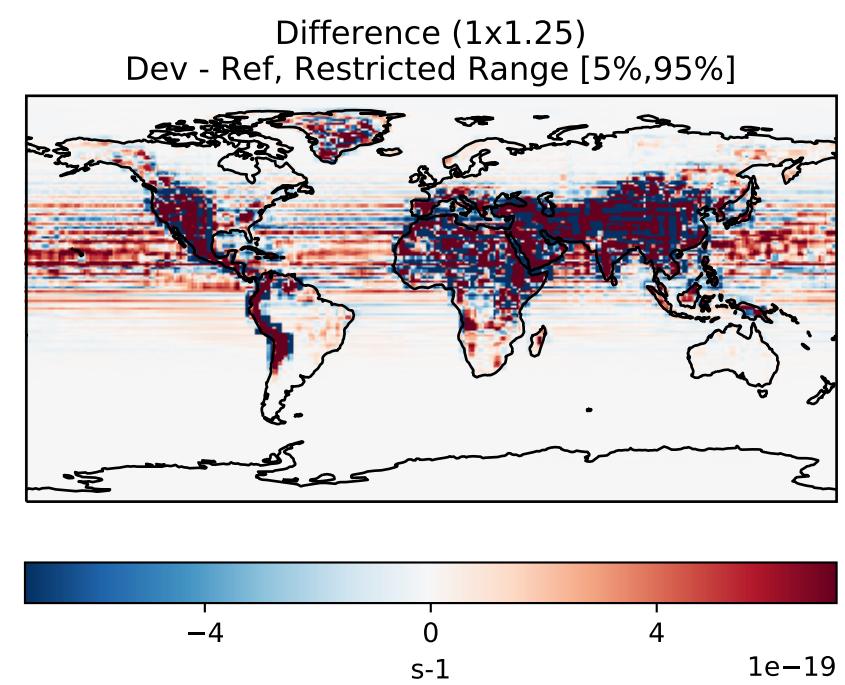
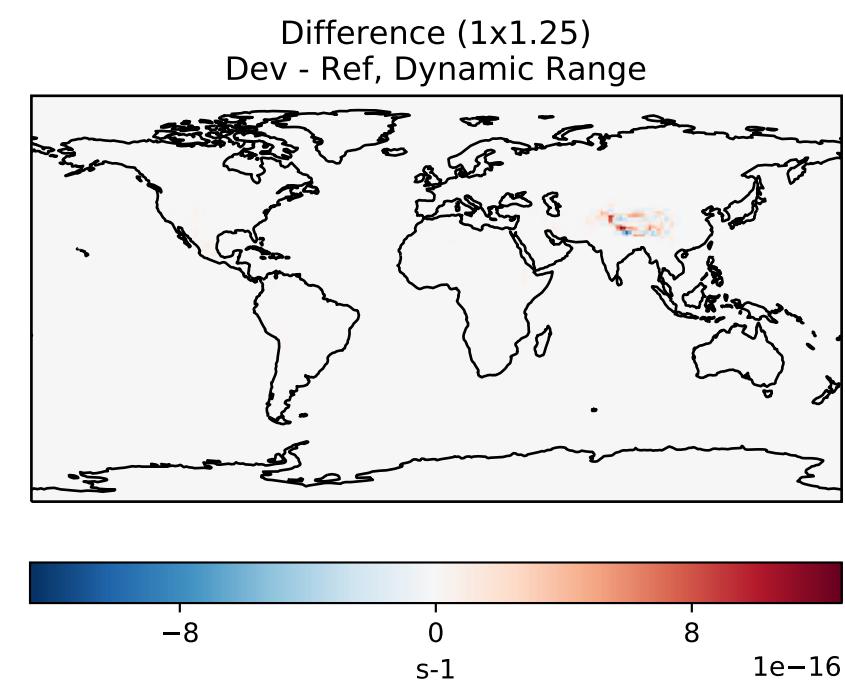
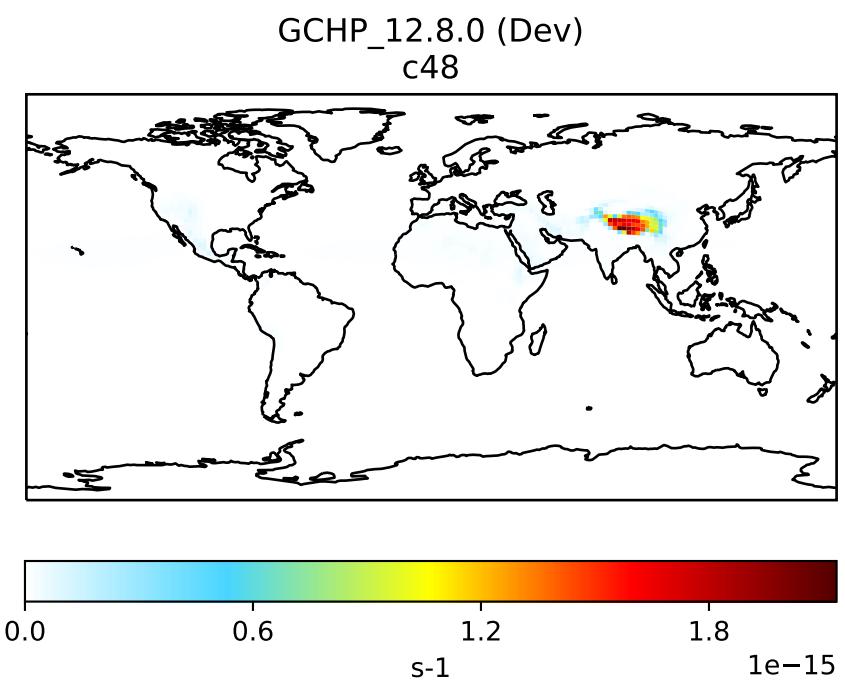
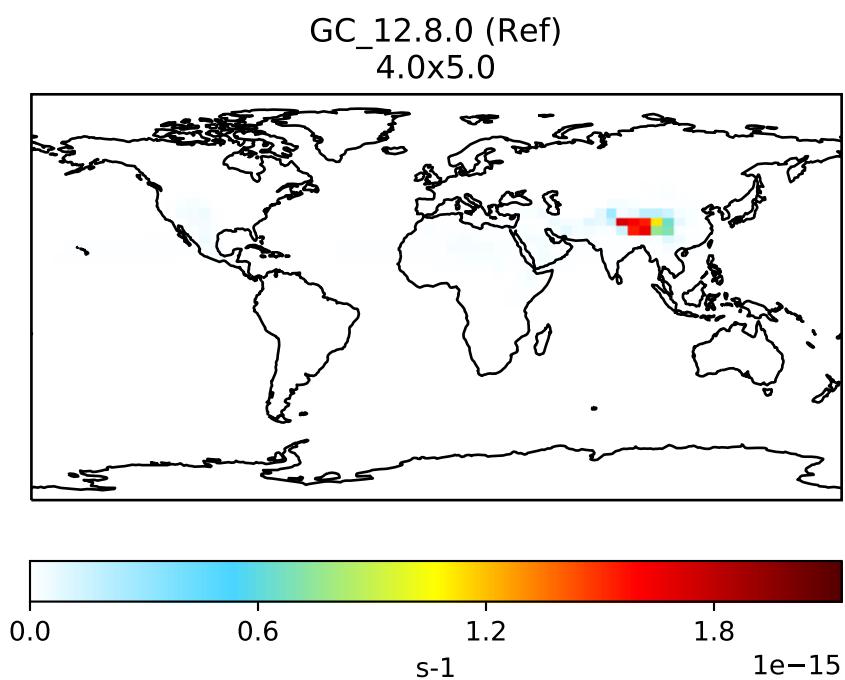
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



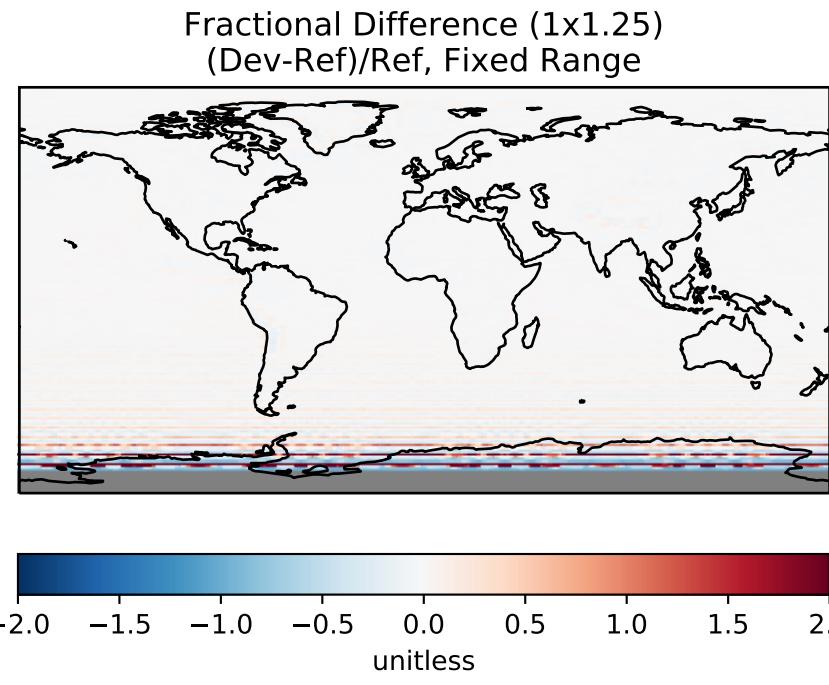
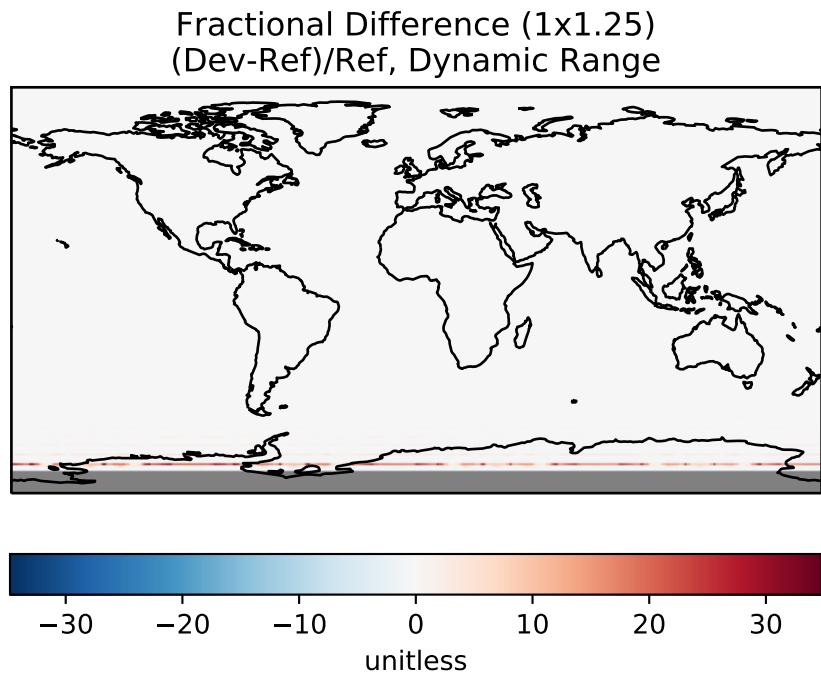
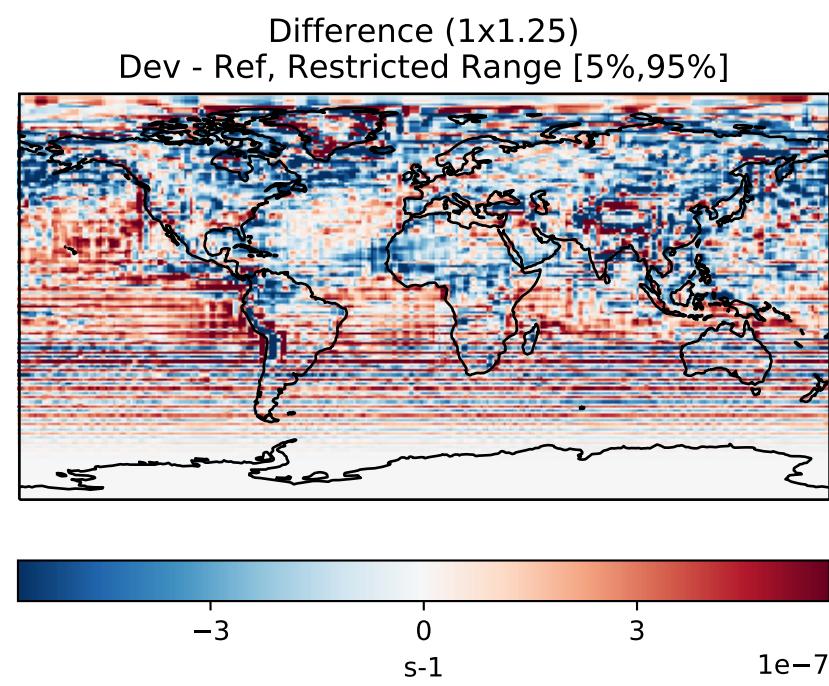
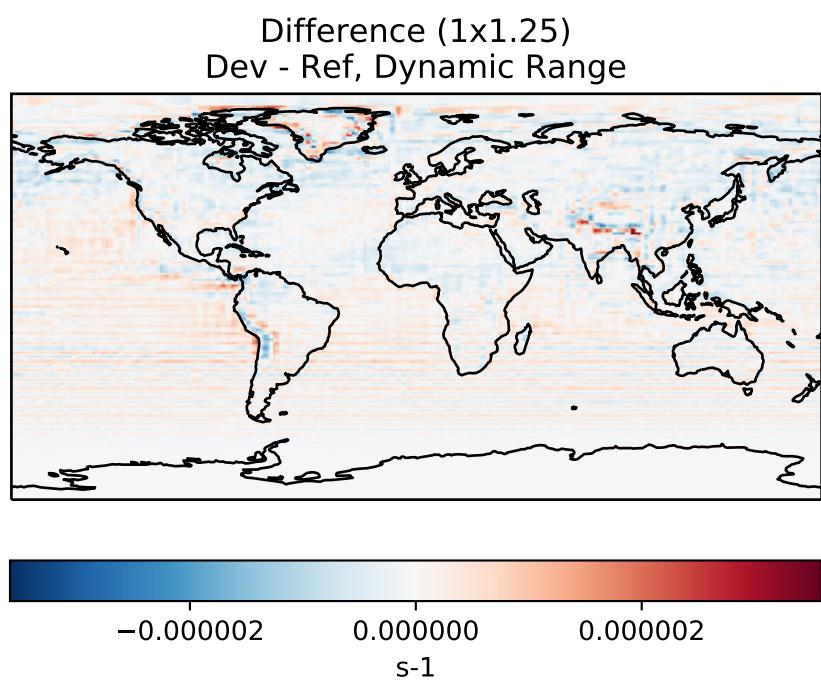
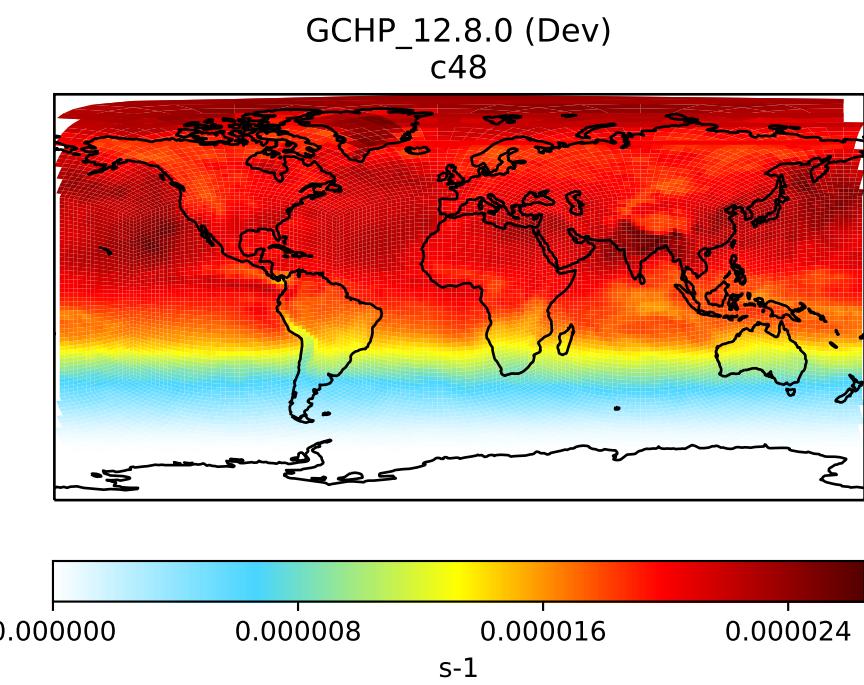
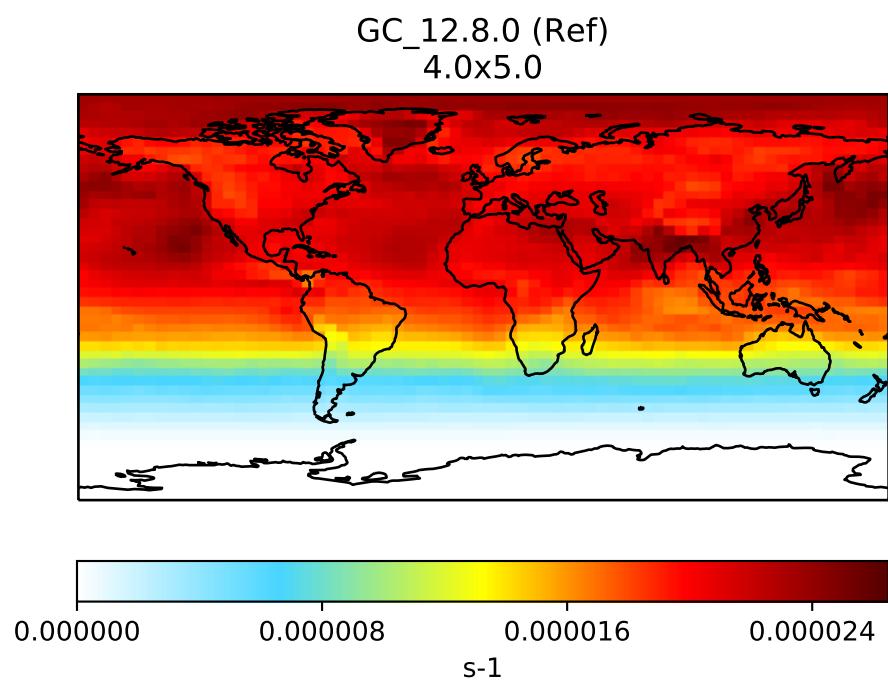
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



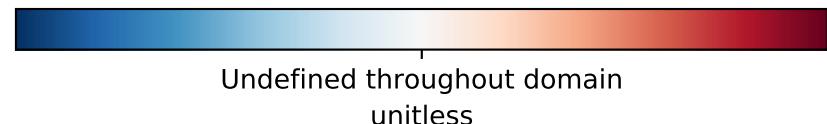
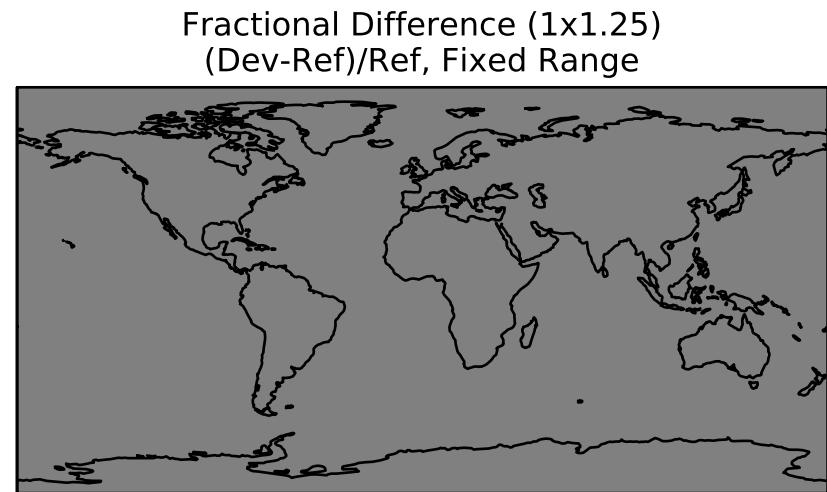
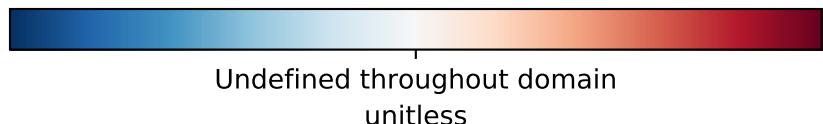
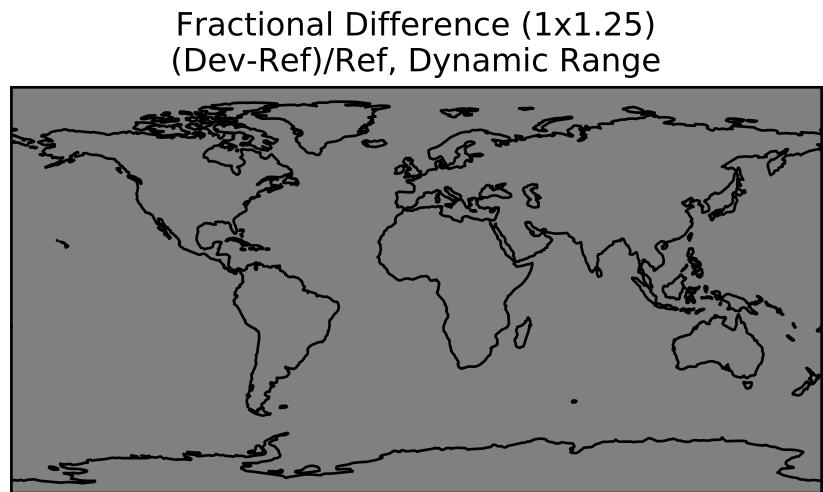
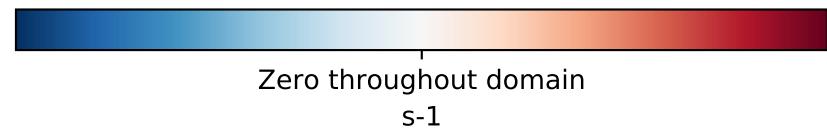
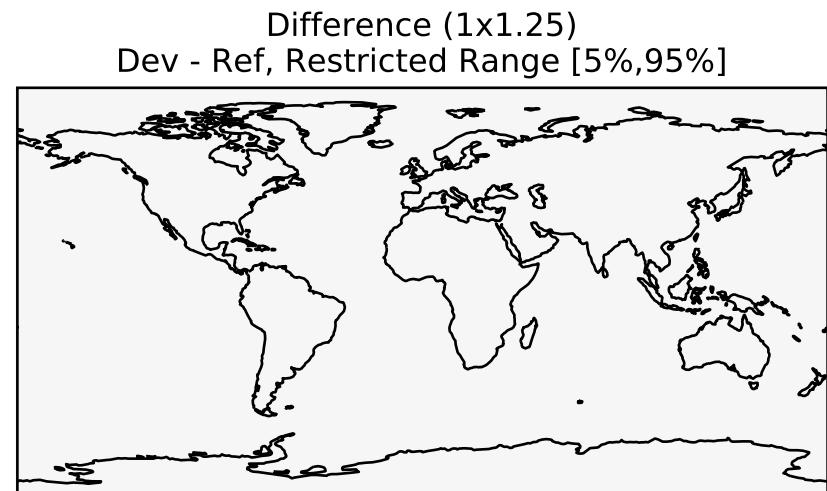
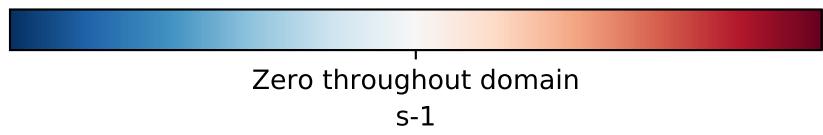
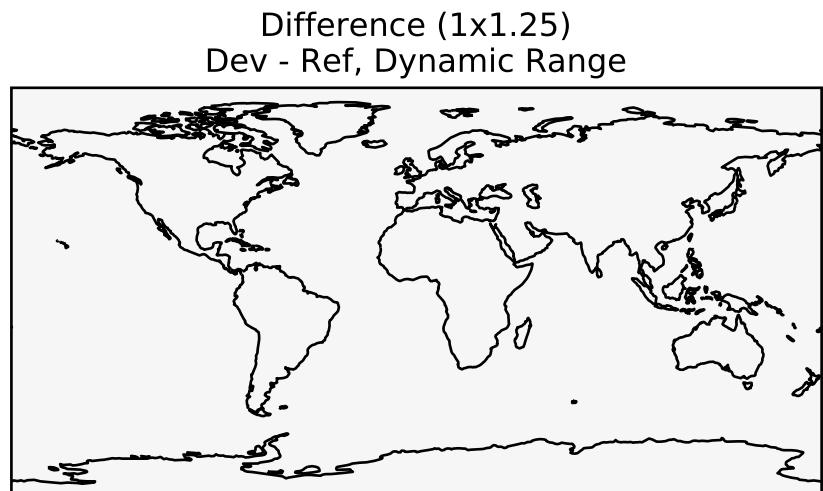
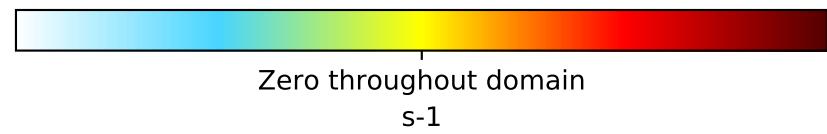
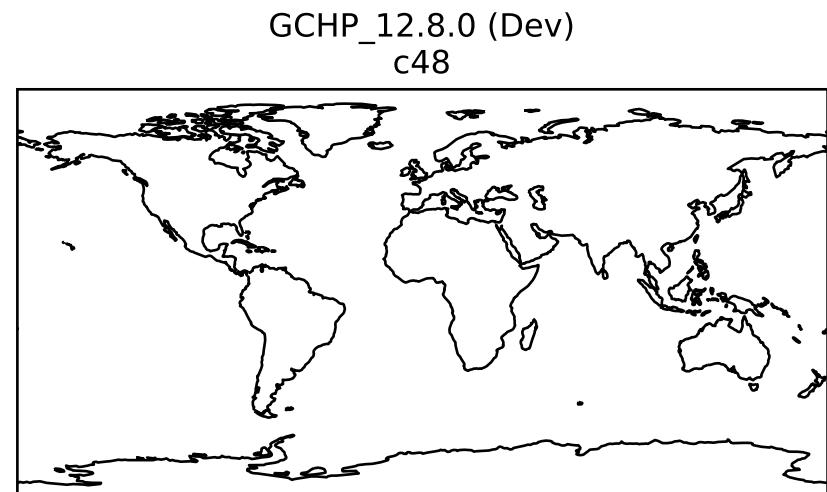
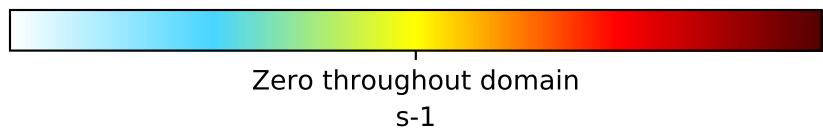
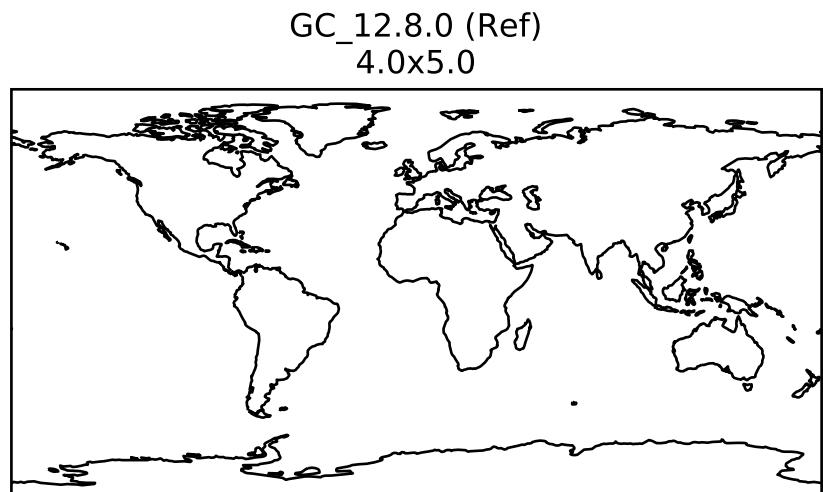
Jval_N20



Jval_N205



Jval_NIT



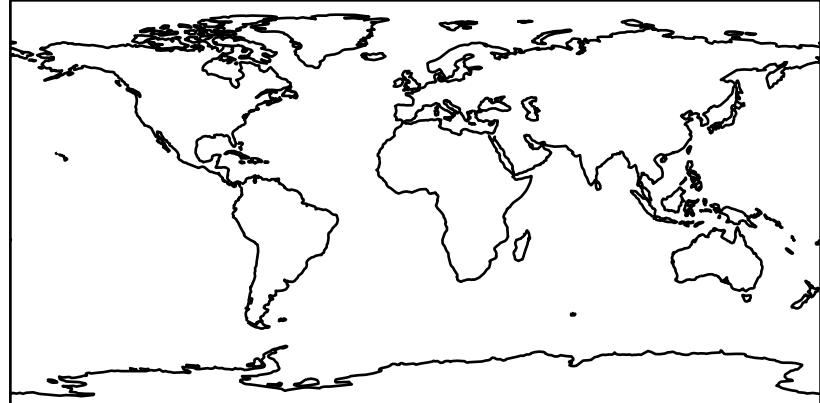
Jval_NITS

GC_12.8.0 (Ref)
4.0x5.0



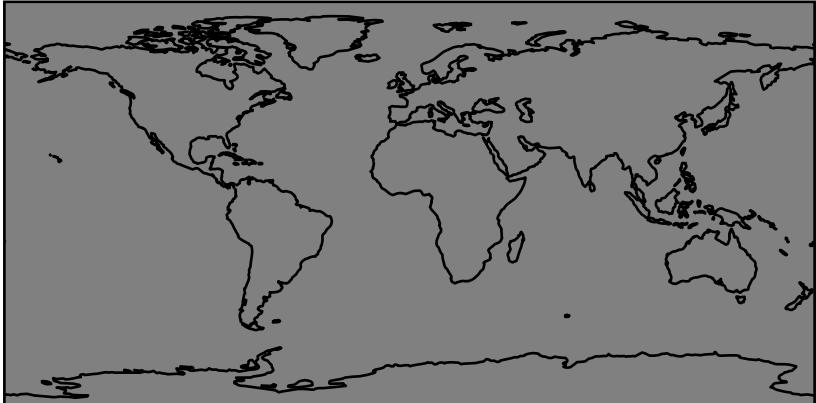
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s-1

GCHP_12.8.0 (Dev)
c48



Zero throughout domain
s-1

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



Undefined throughout domain
s-1

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



Undefined throughout domain
s-1

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



Undefined throughout domain
unitless

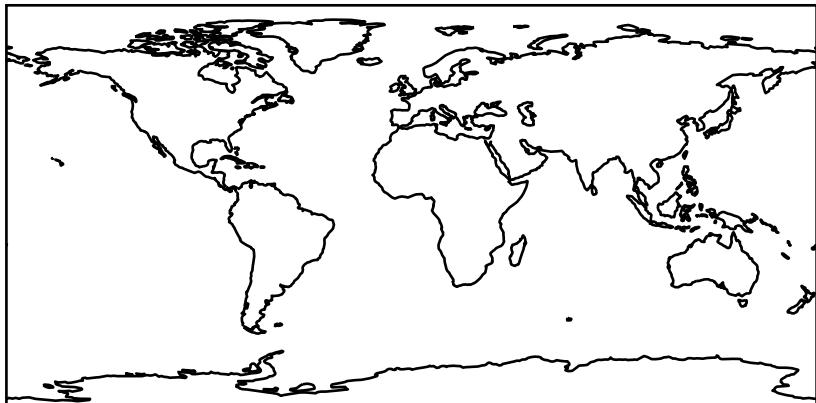
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



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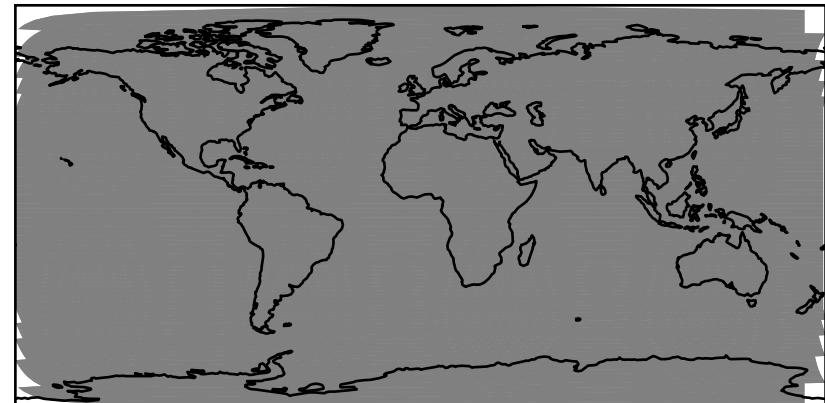
Jval_NITs

GC_12.8.0 (Ref)
4.0x5.0



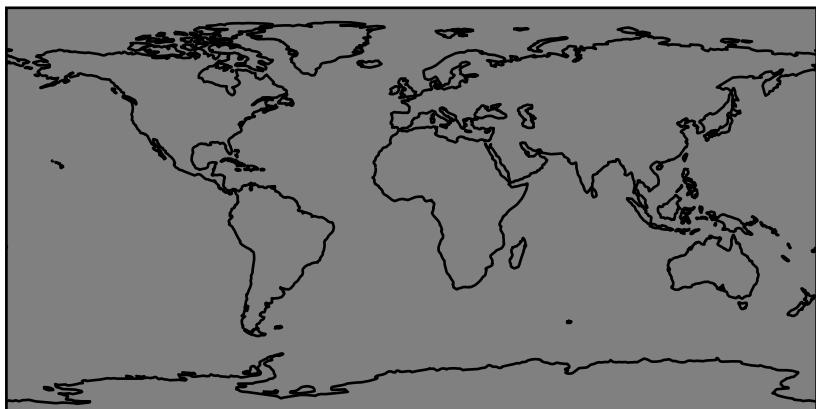
Zero throughout domain
s-1

GCHP_12.8.0 (Dev)
c48



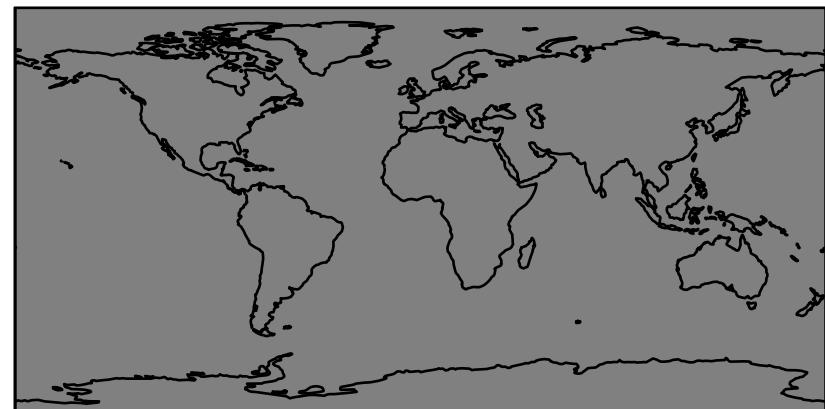
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Difference (1x1.25)
Dev - Ref, Dynamic Range



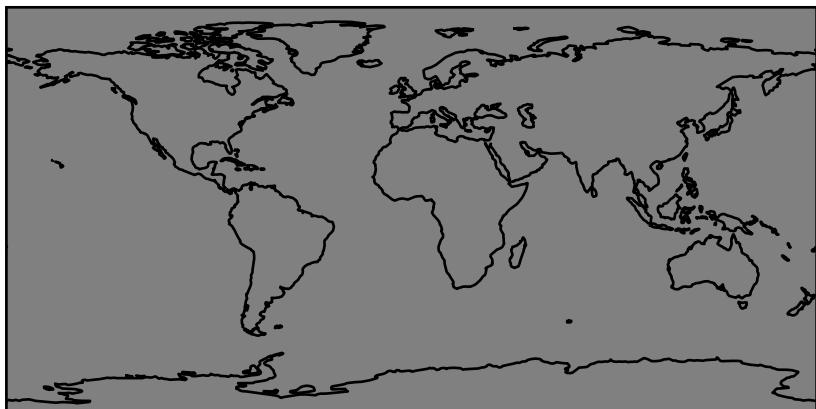
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s-1

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



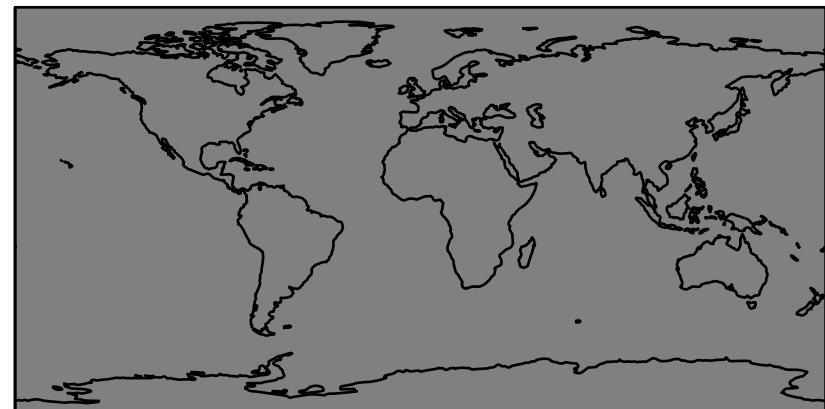
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s-1

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



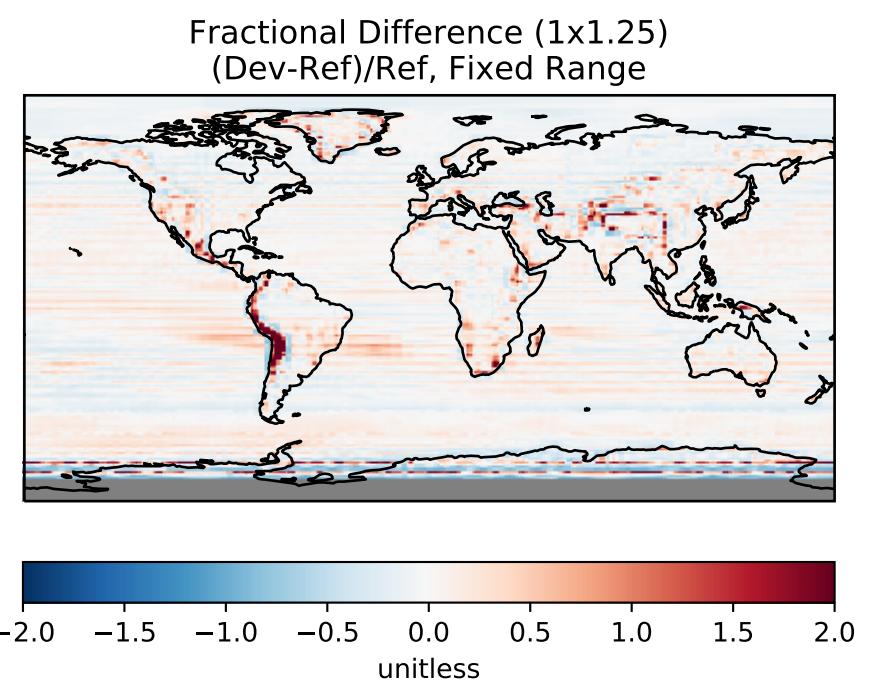
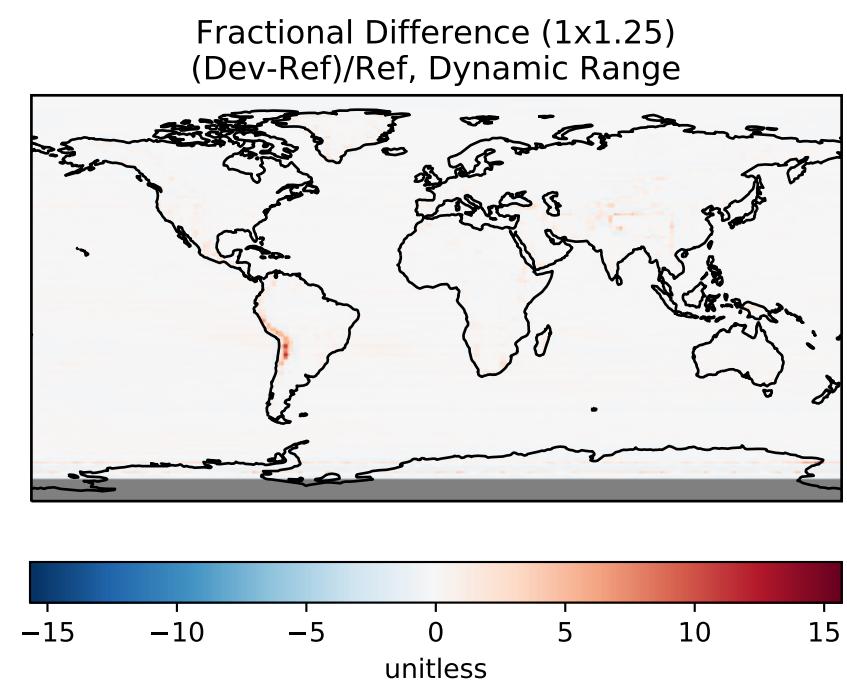
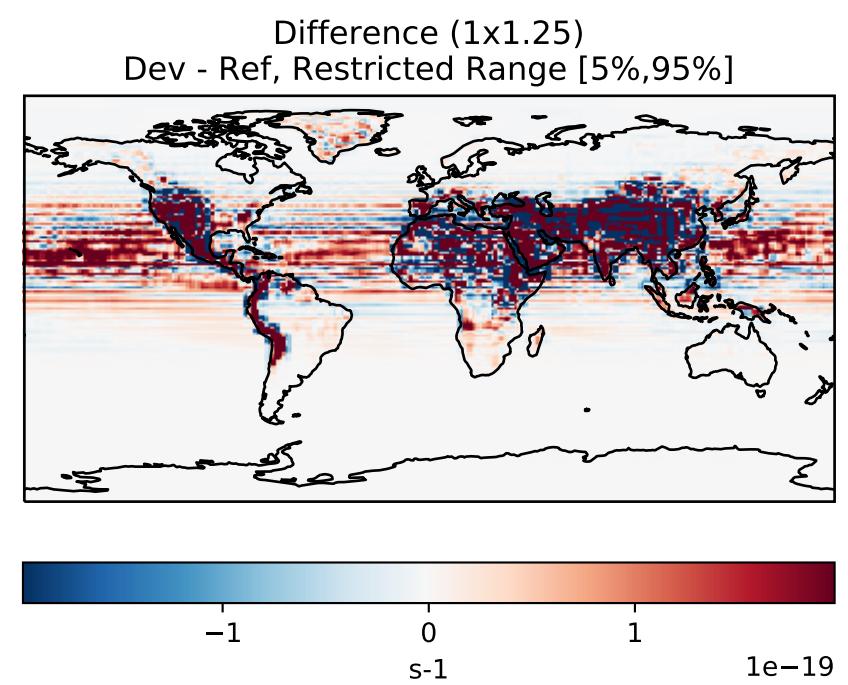
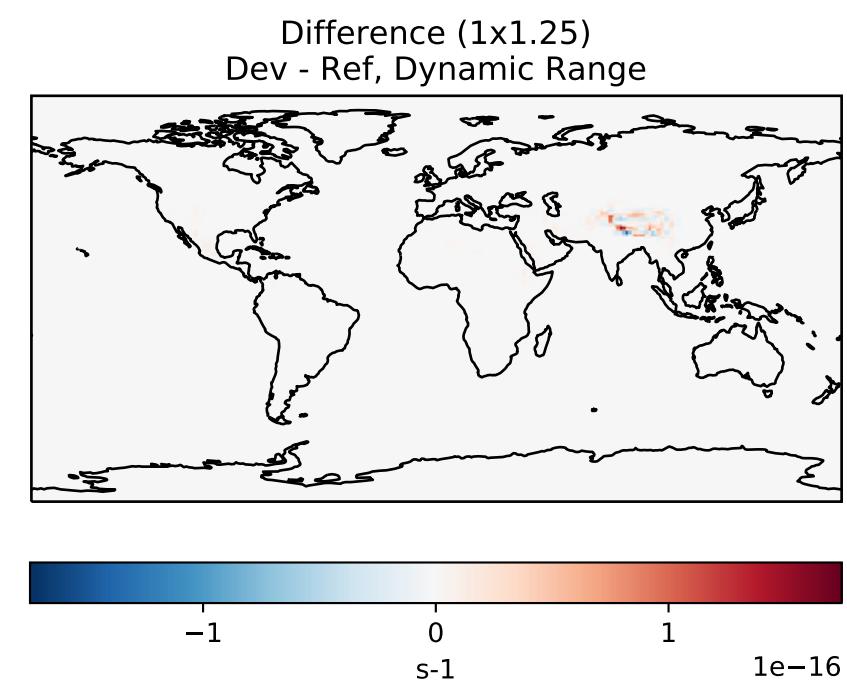
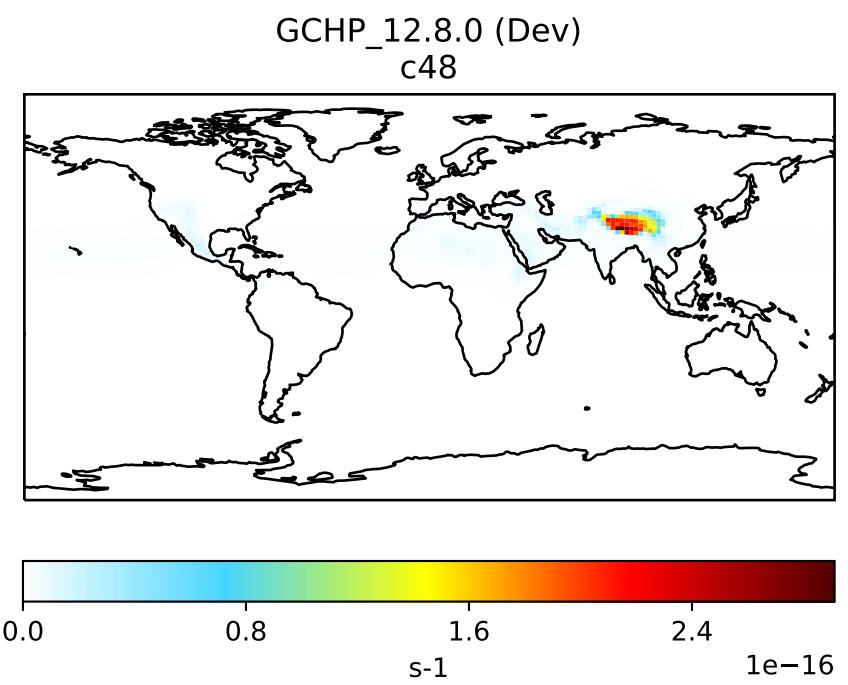
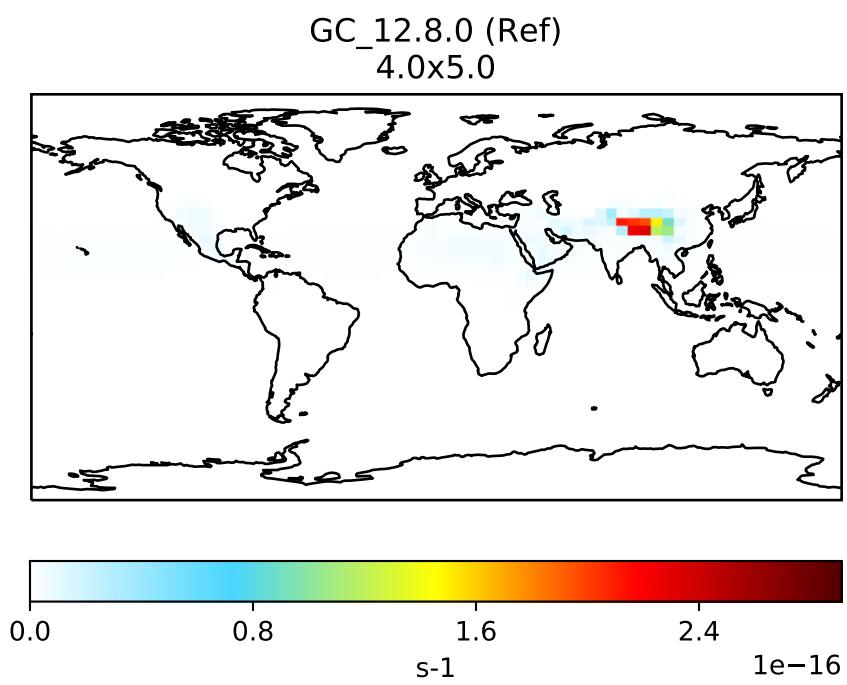
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unitless

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



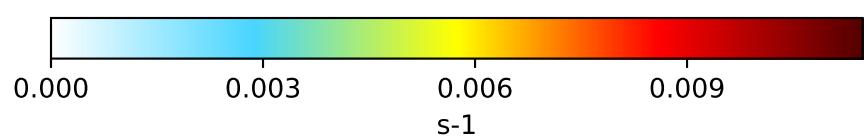
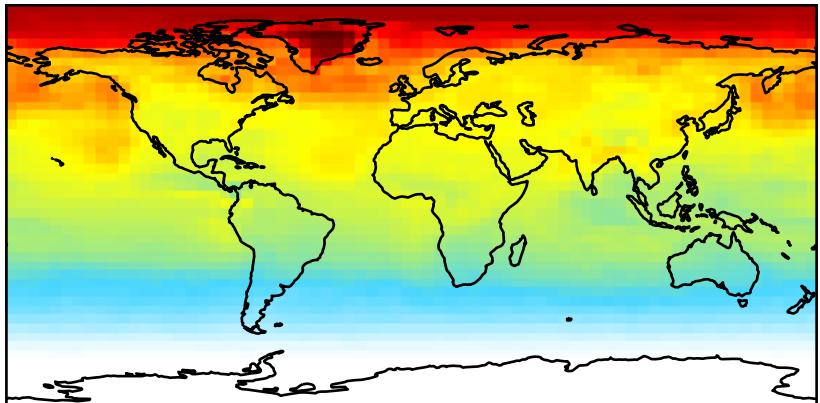
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Jval_NO

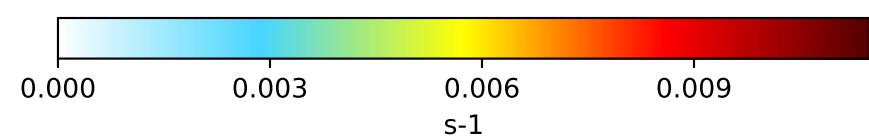
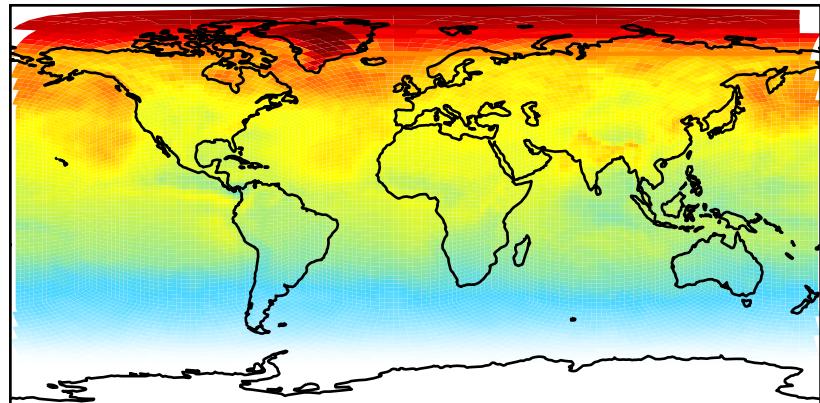


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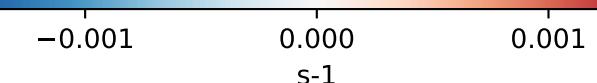
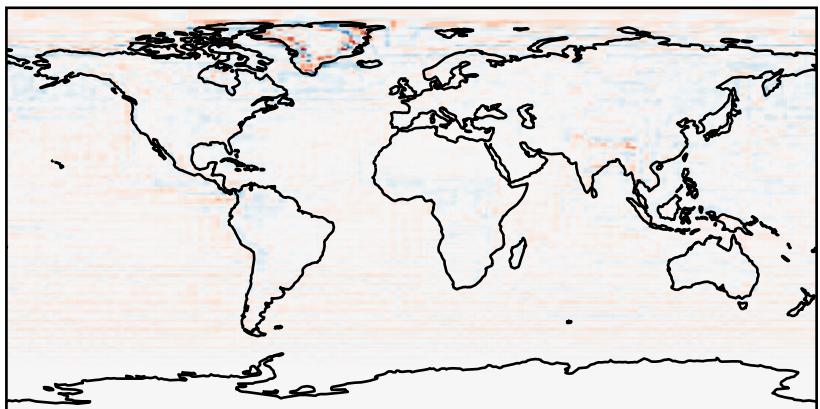
GC_12.8.0 (Ref)
4.0x5.0



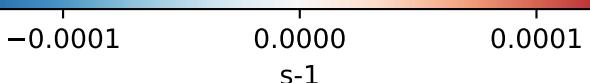
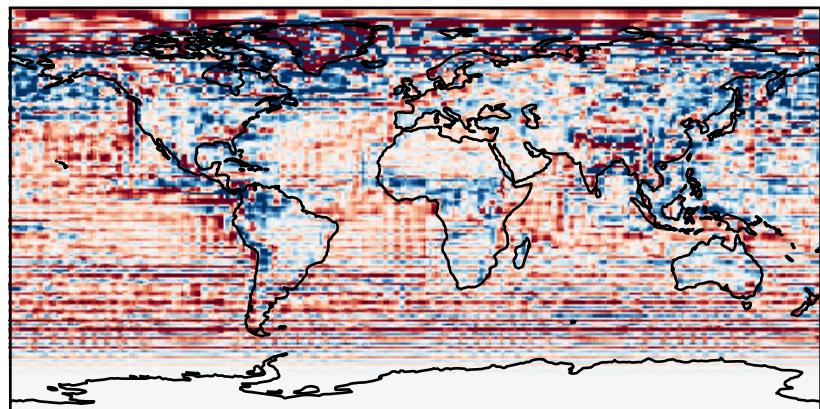
GCHP_12.8.0 (Dev)
c48



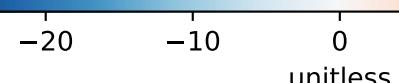
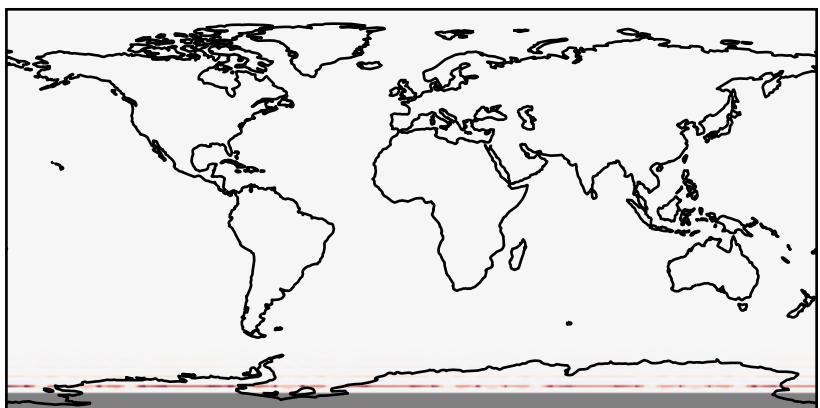
Difference (1x1.25)
Dev - Ref, Dynamic Range



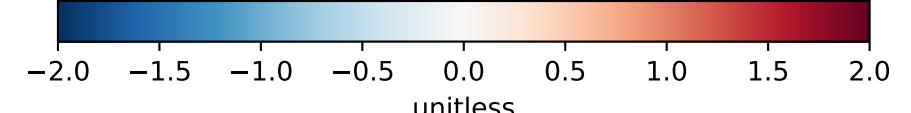
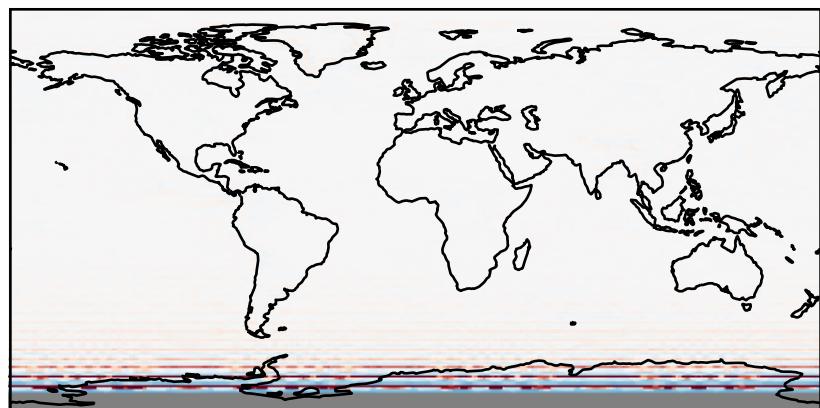
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



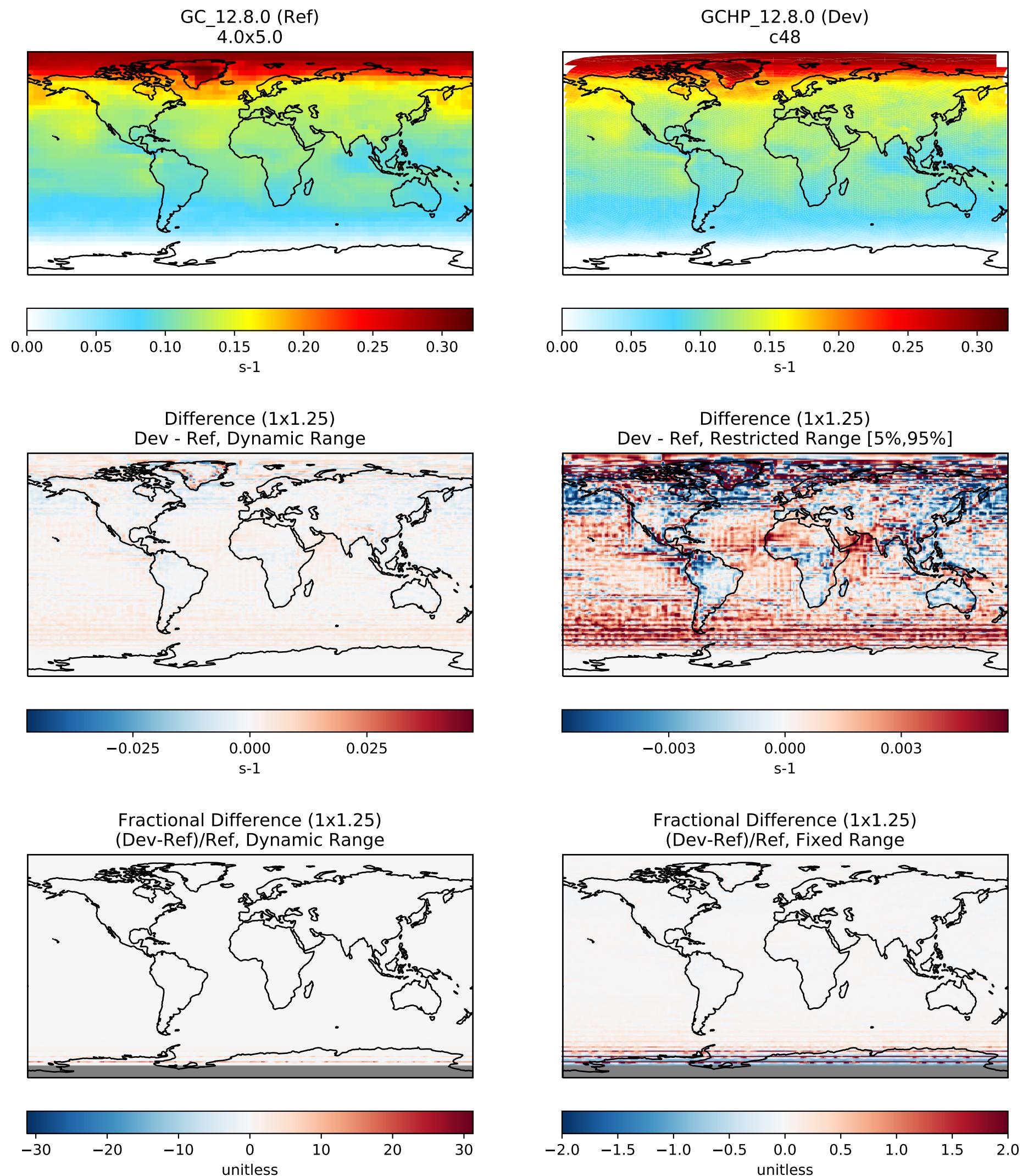
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

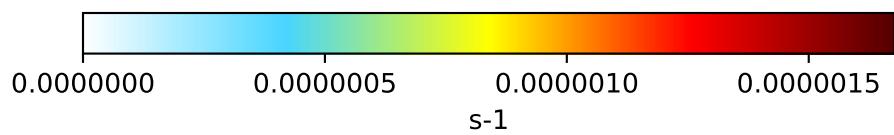
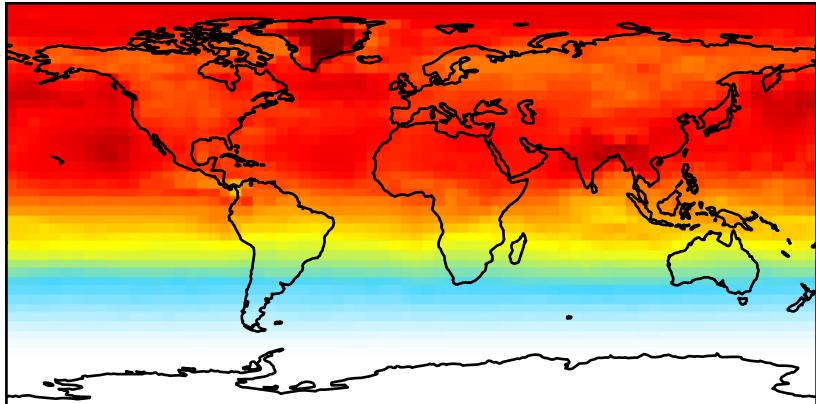


Jval_N03

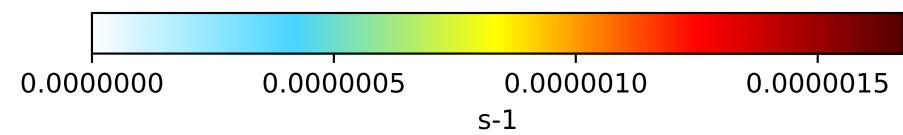
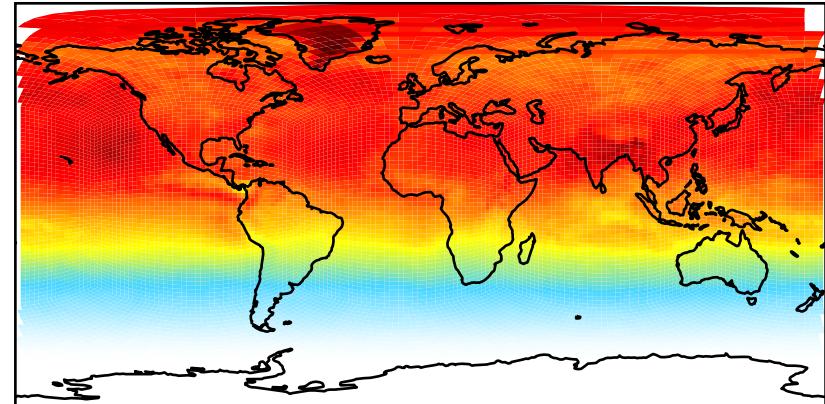


Jval_NPRNO3

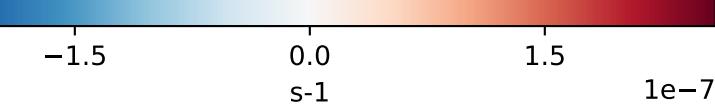
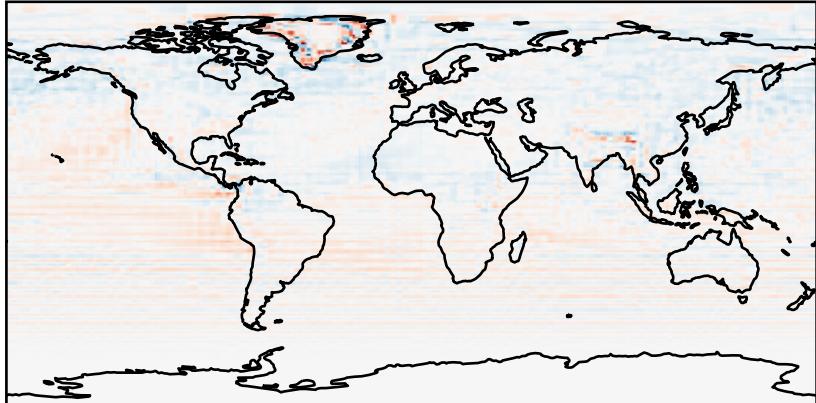
GC_12.8.0 (Ref)
4.0x5.0



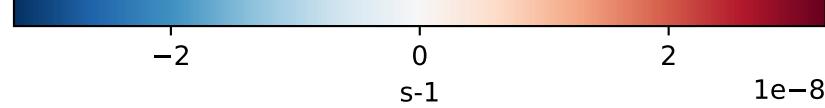
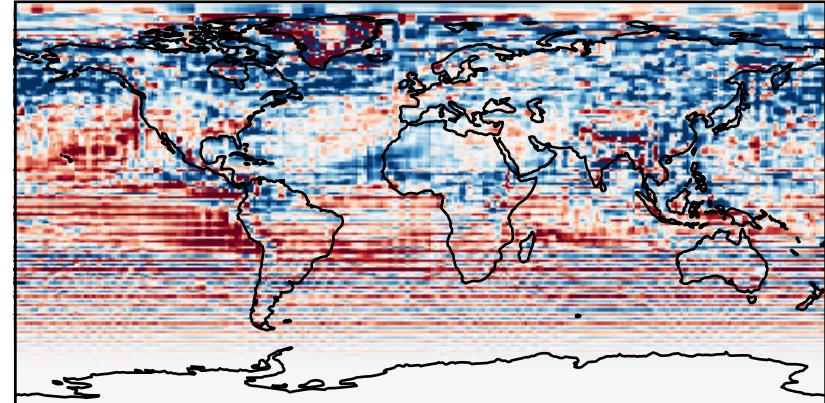
GCHP_12.8.0 (Dev)
c48



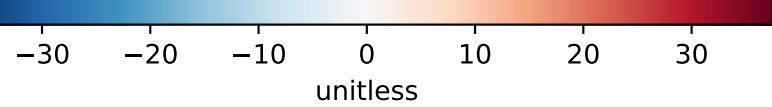
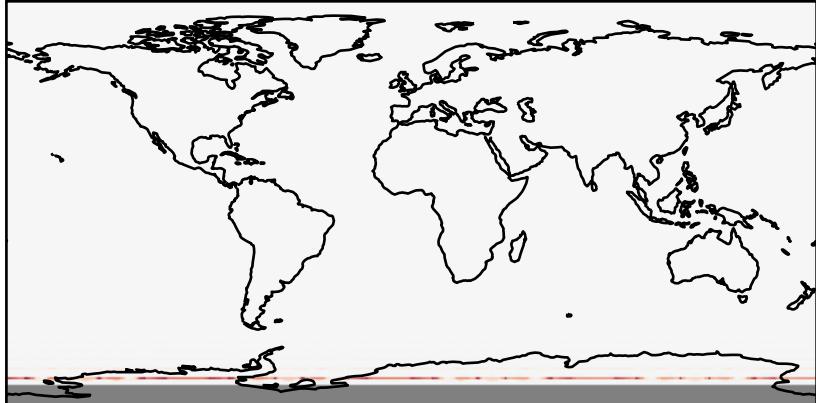
Difference (1x1.25)
Dev - Ref, Dynamic Range



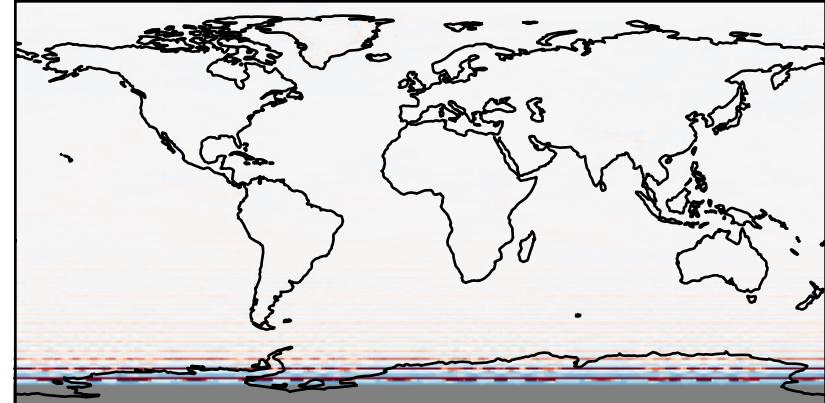
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



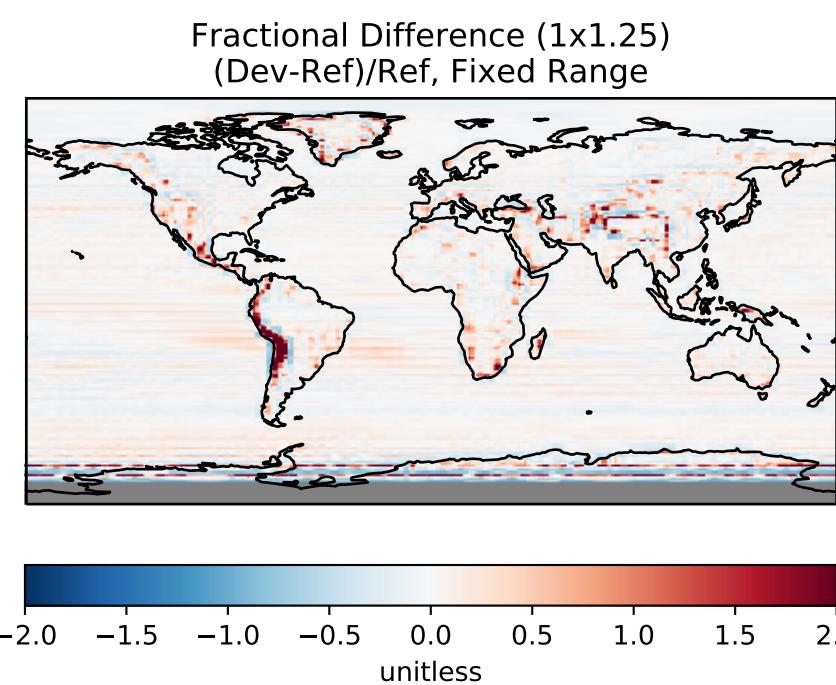
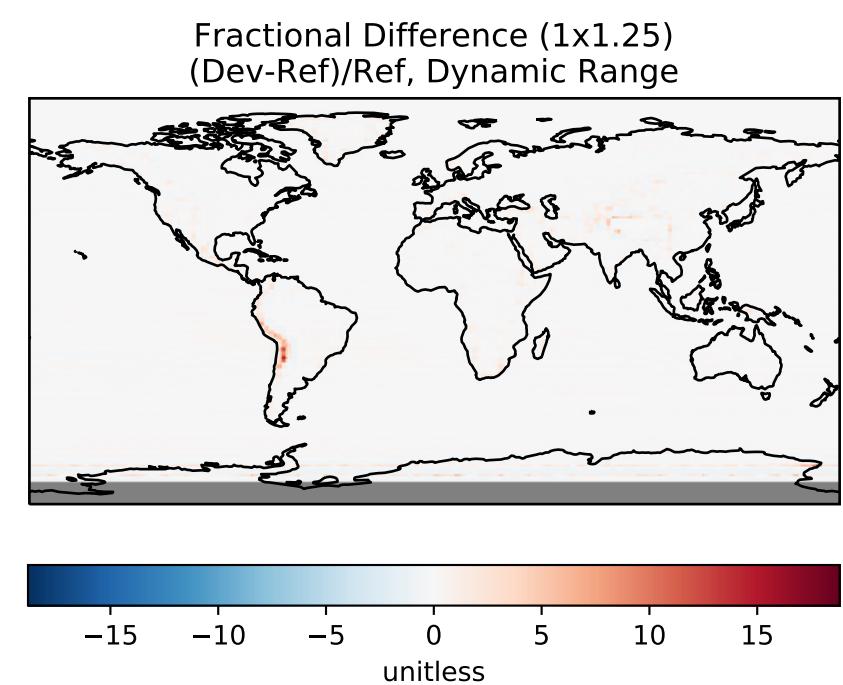
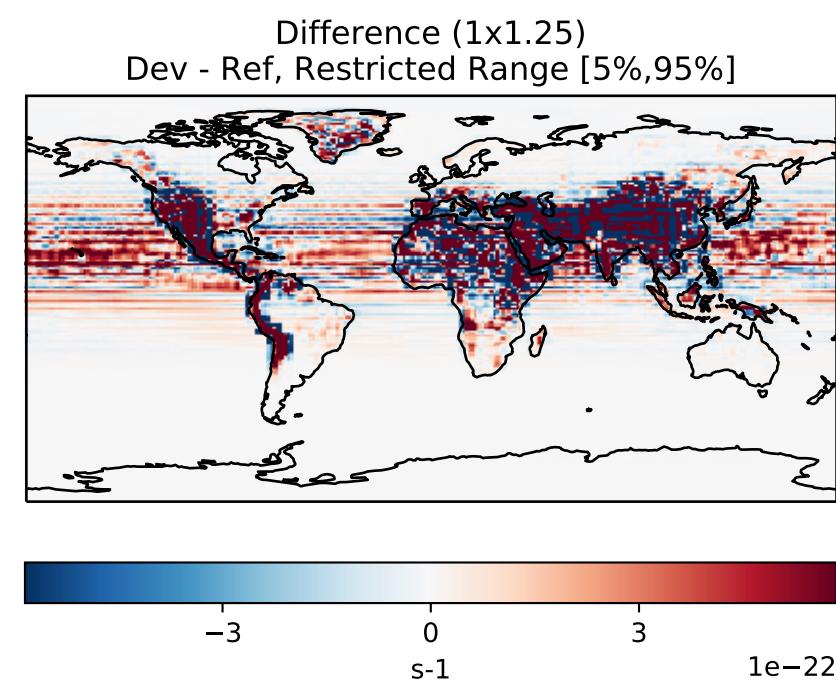
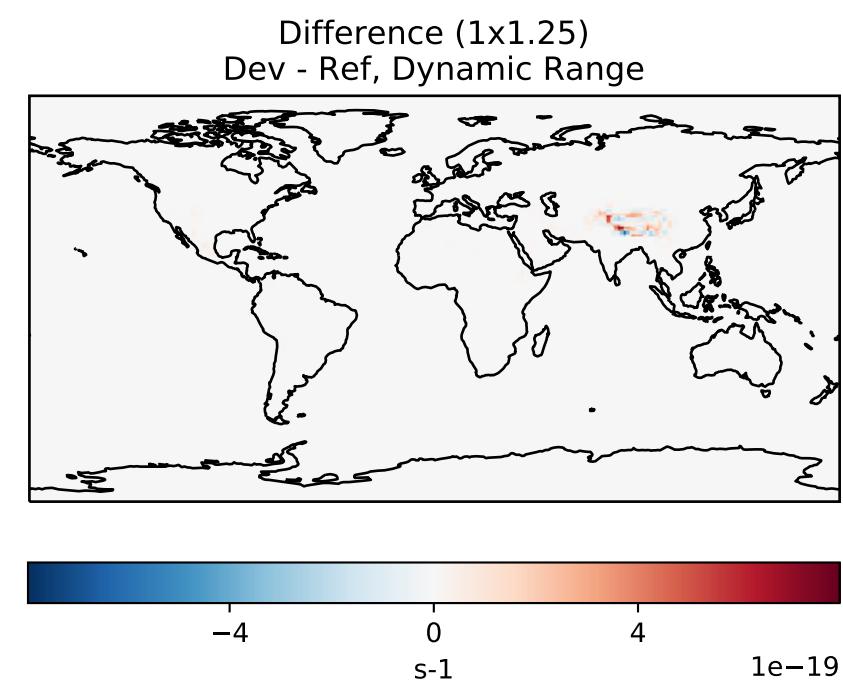
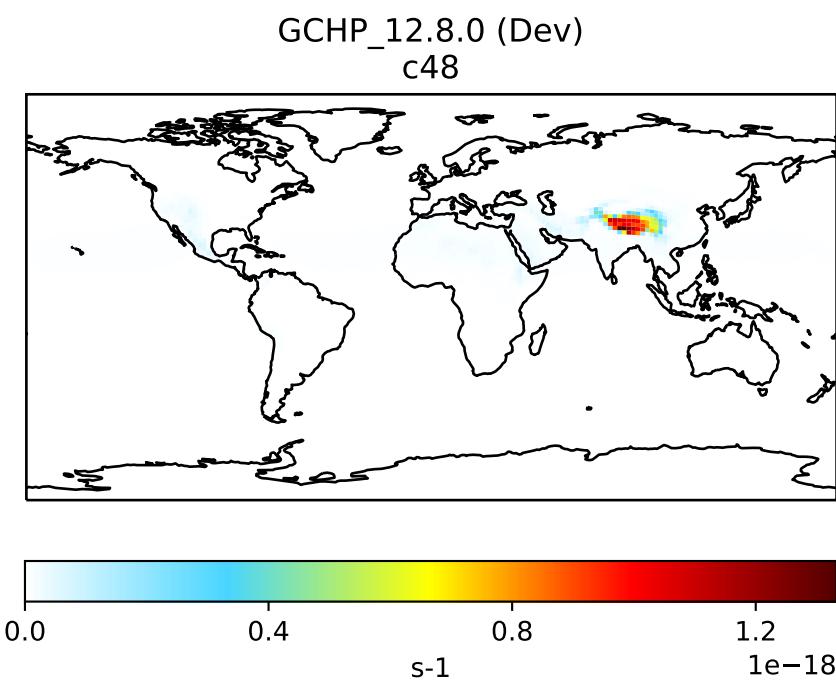
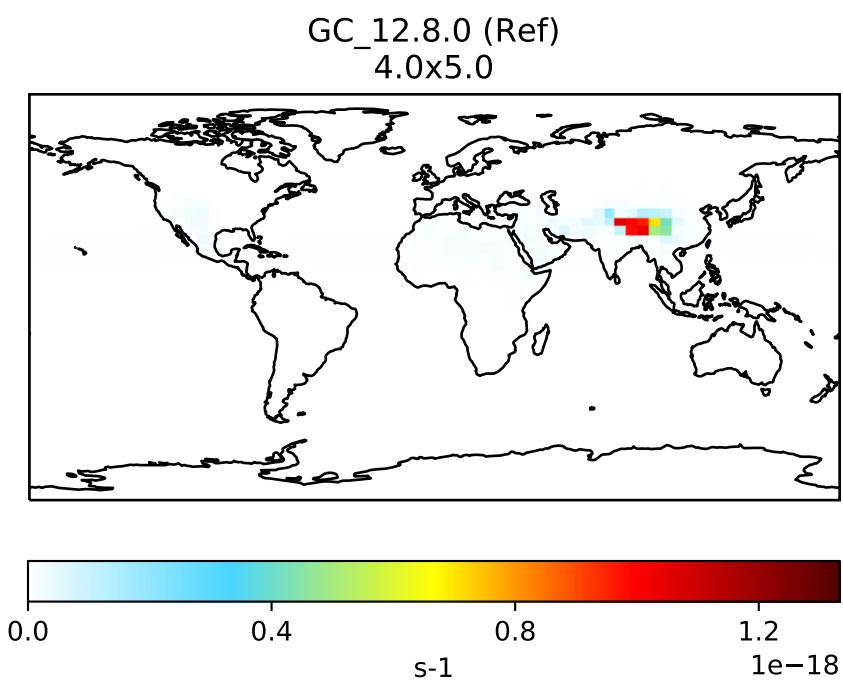
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



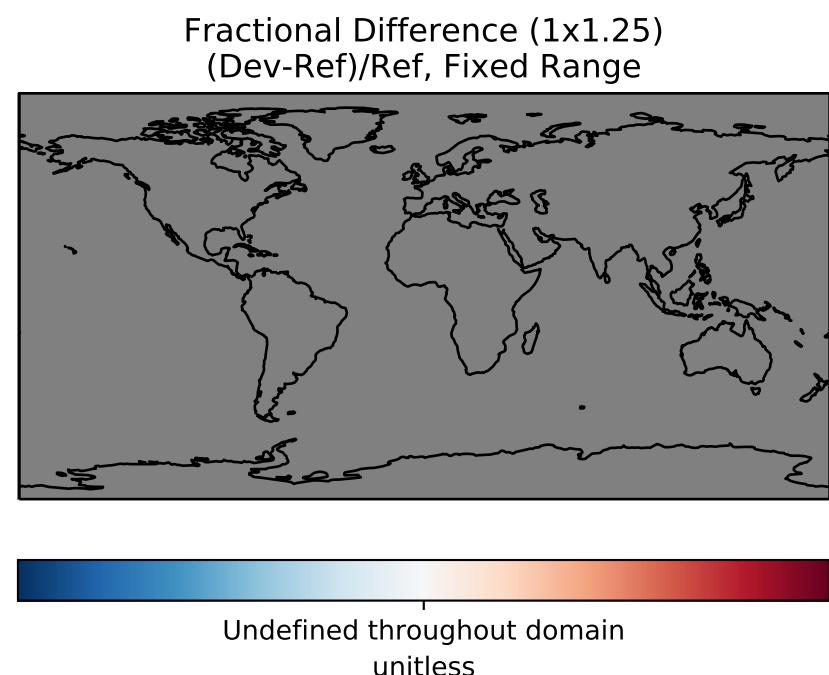
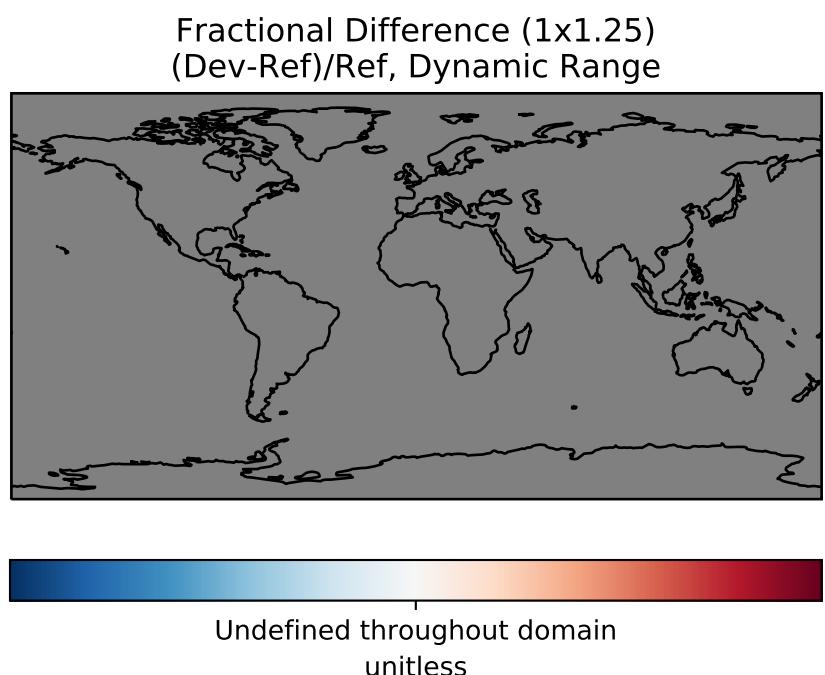
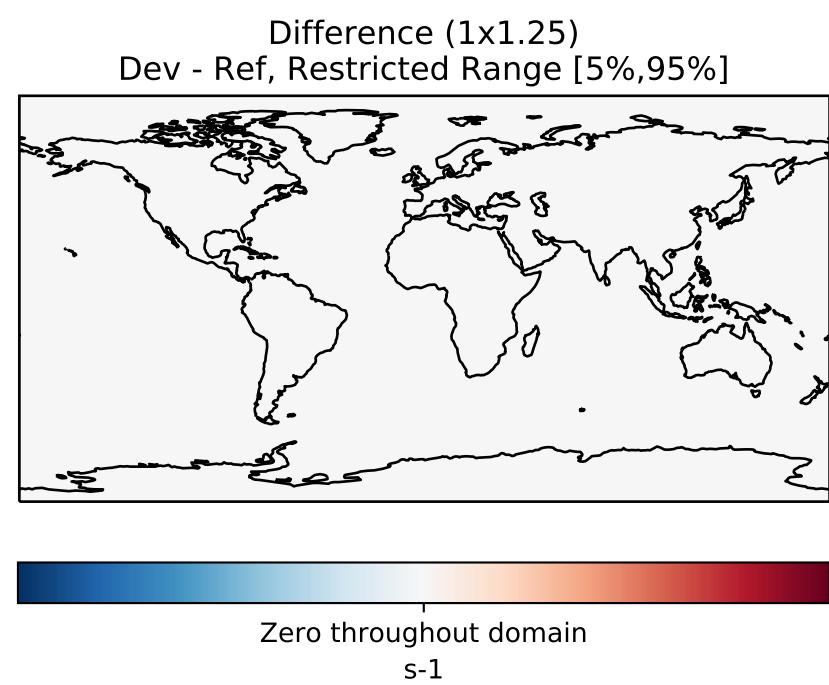
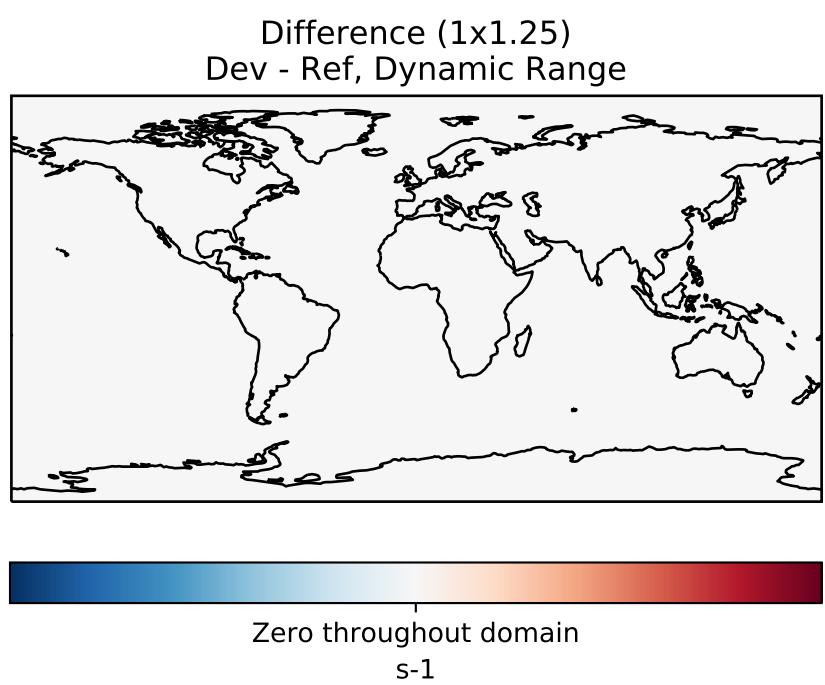
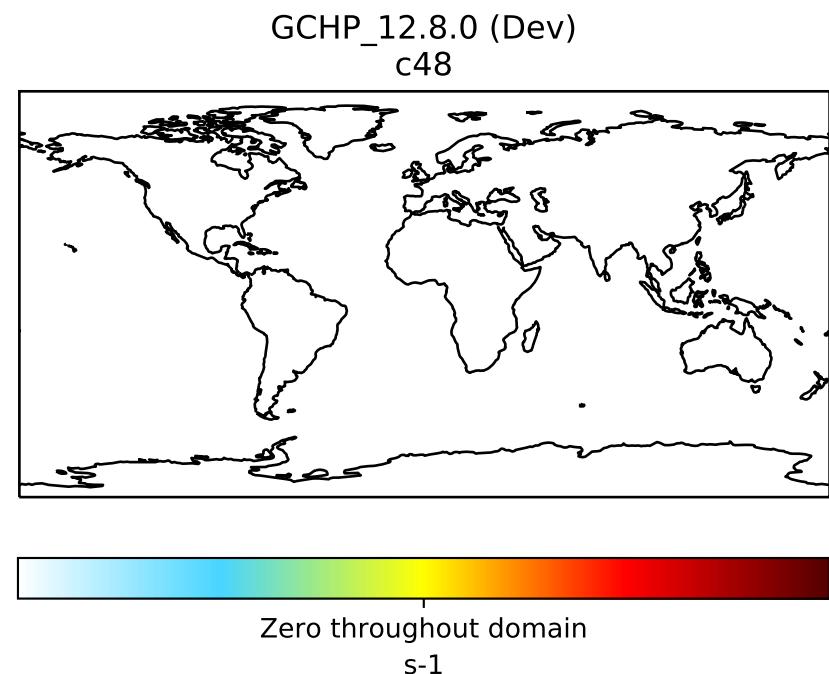
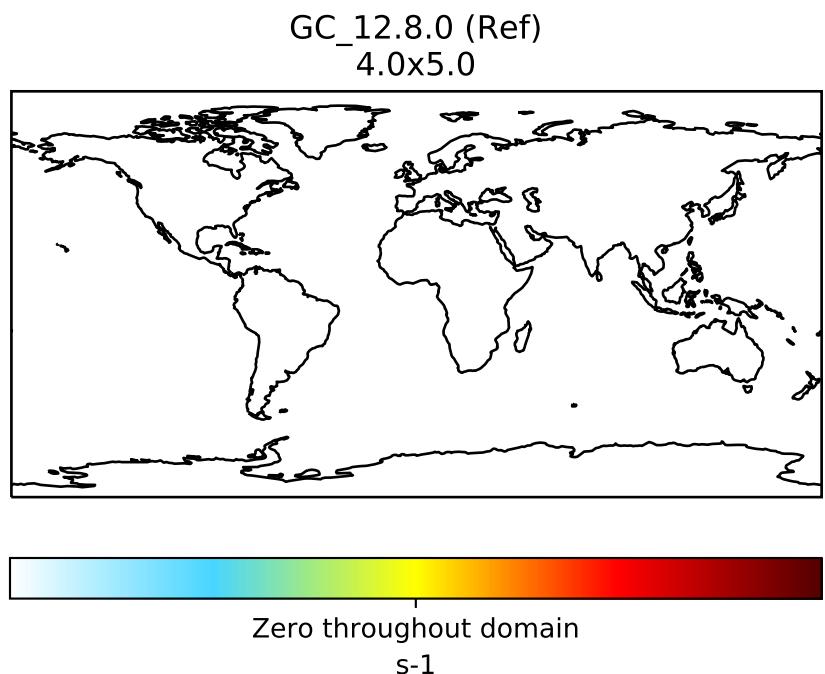
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



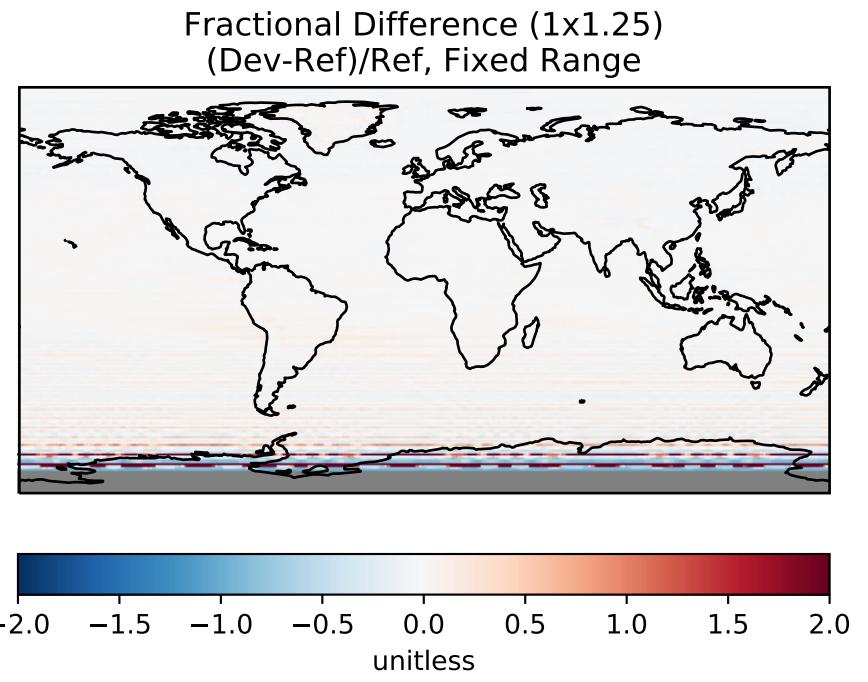
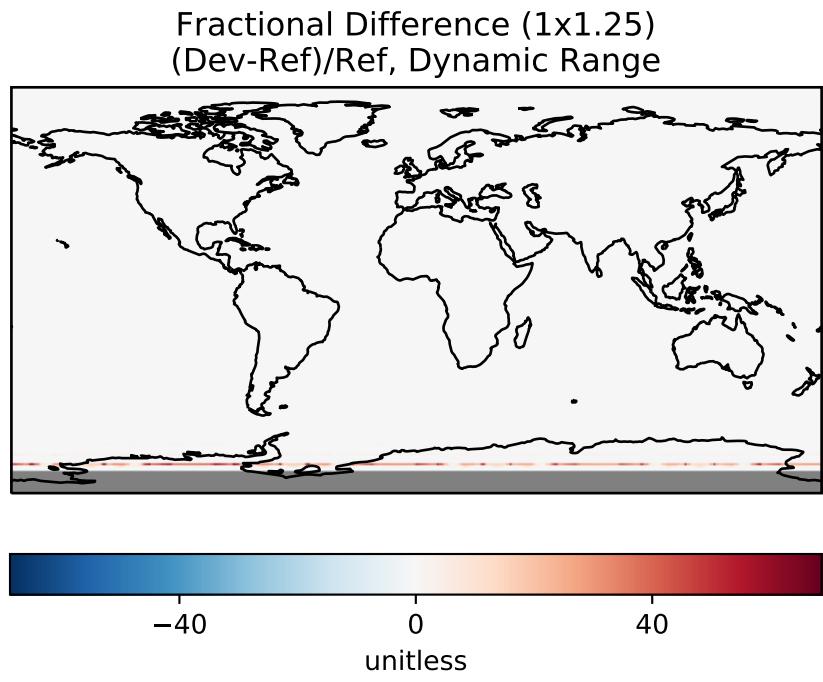
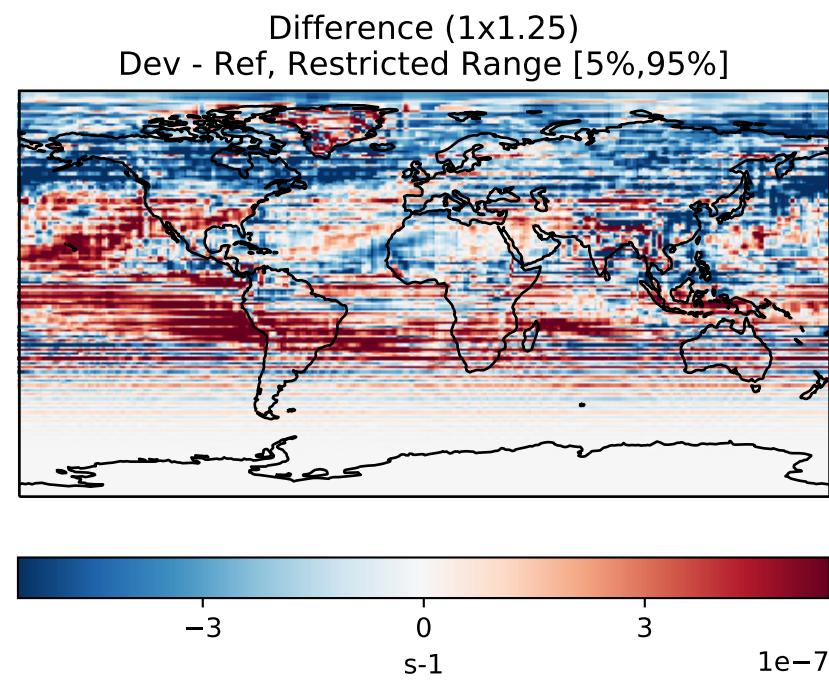
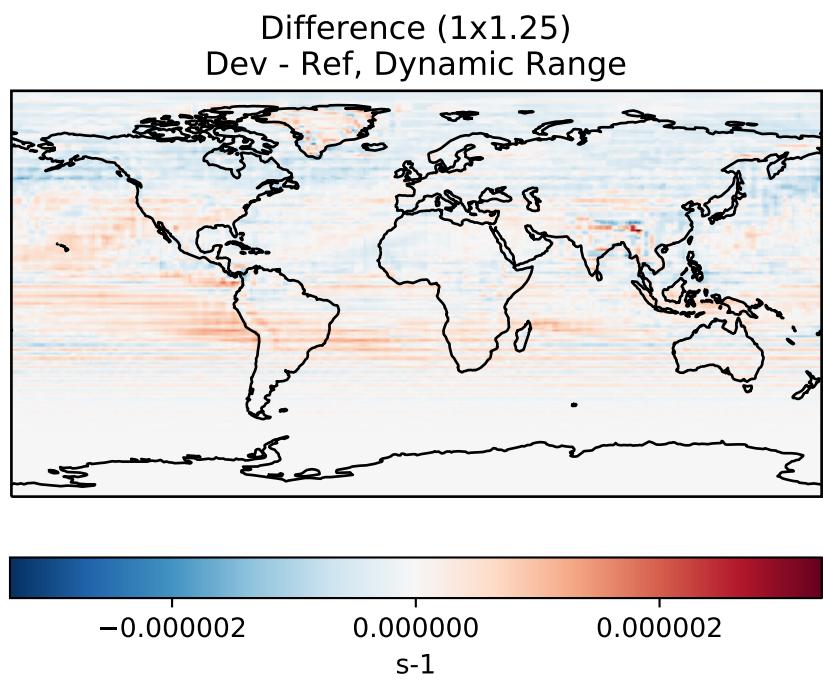
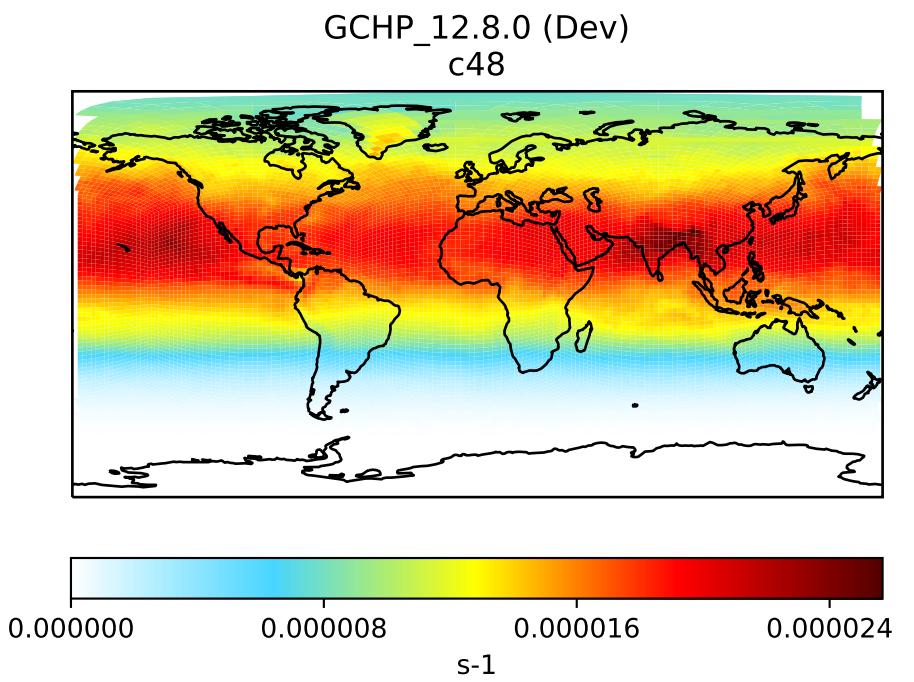
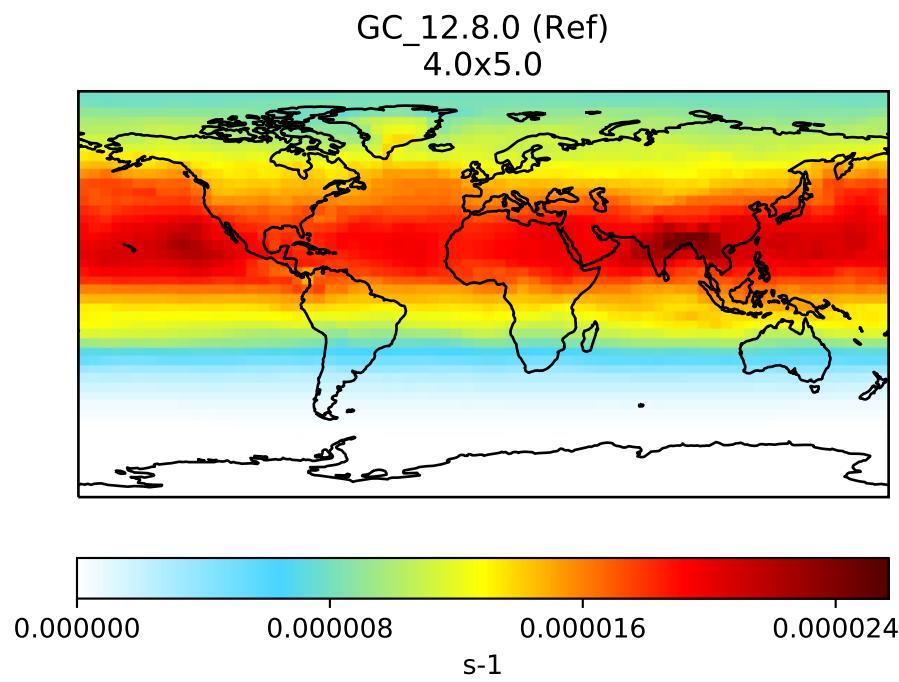
Jval_O2



Jval_O3

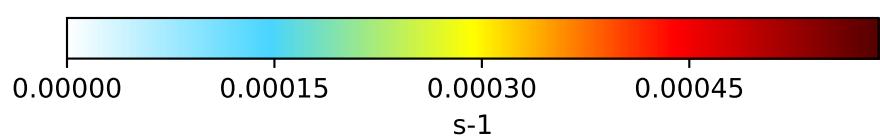
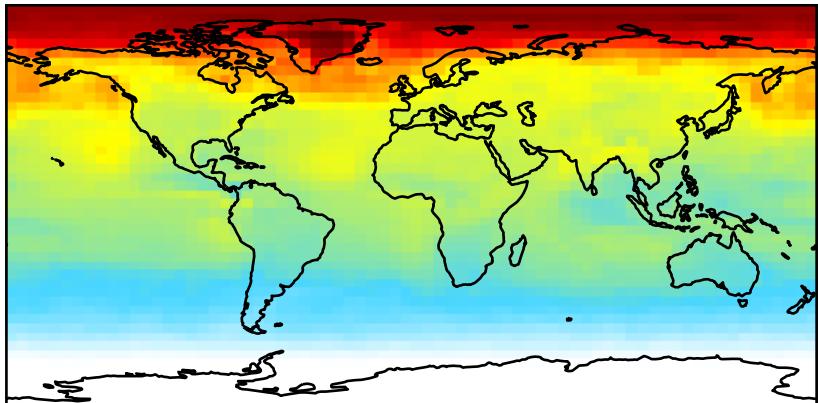


Jval_0301D

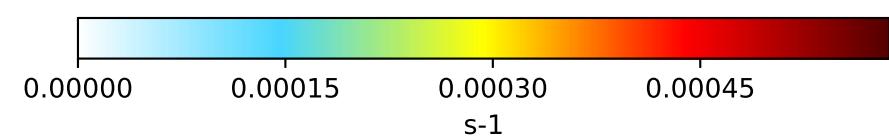
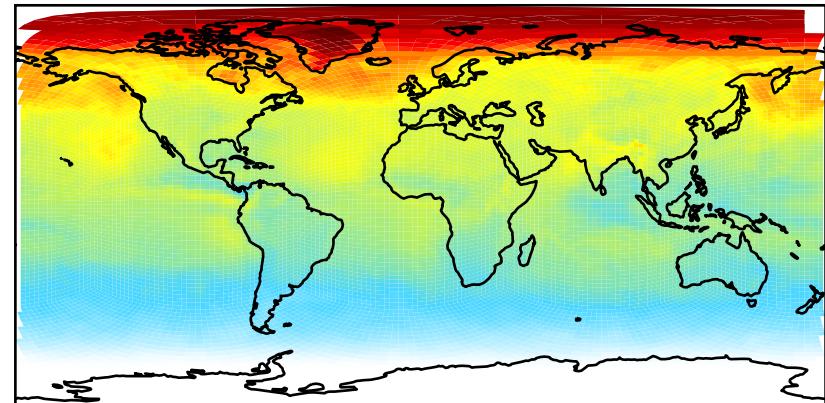


Jval_0303P

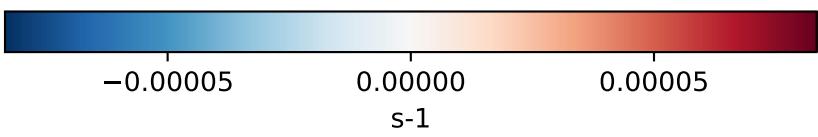
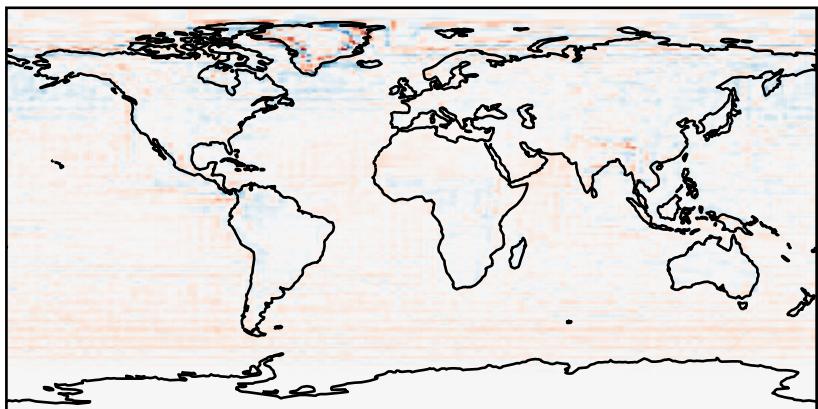
GC_12.8.0 (Ref)
4.0x5.0



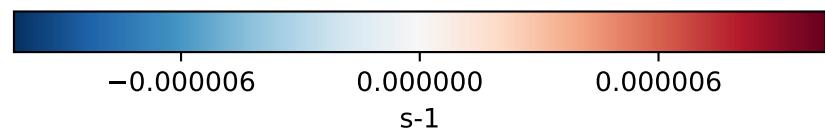
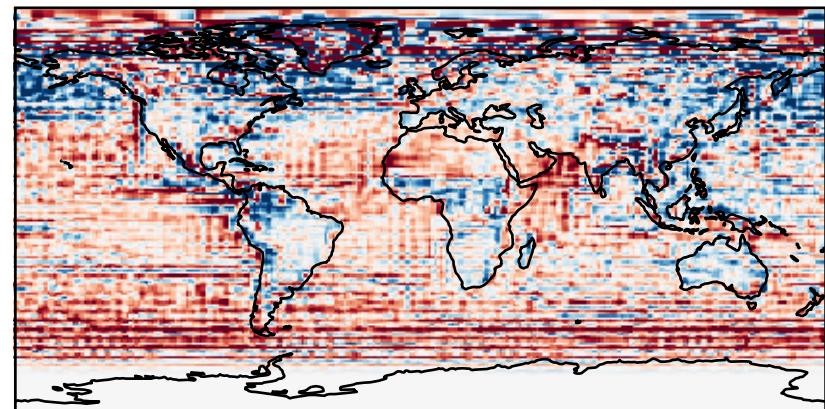
GCHP_12.8.0 (Dev)
c48



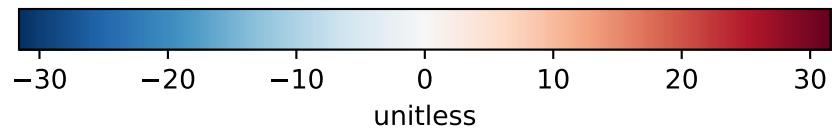
Difference (1x1.25)
Dev - Ref, Dynamic Range



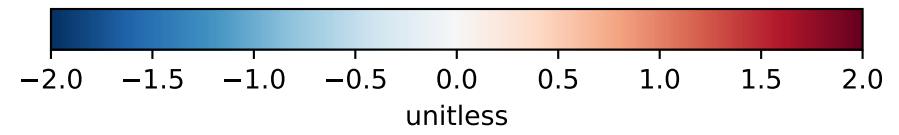
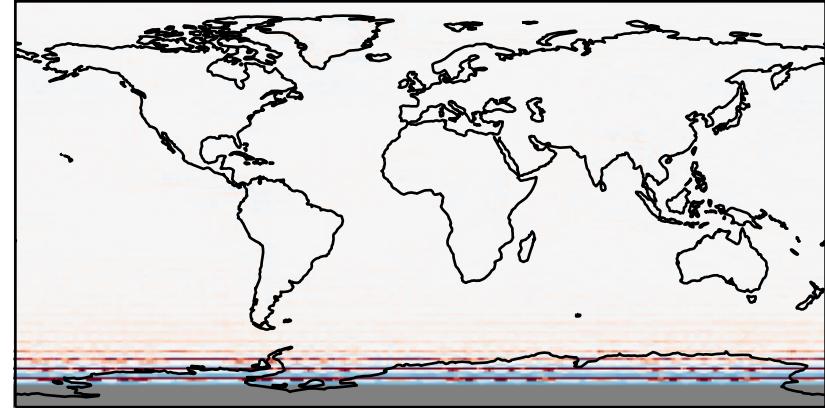
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

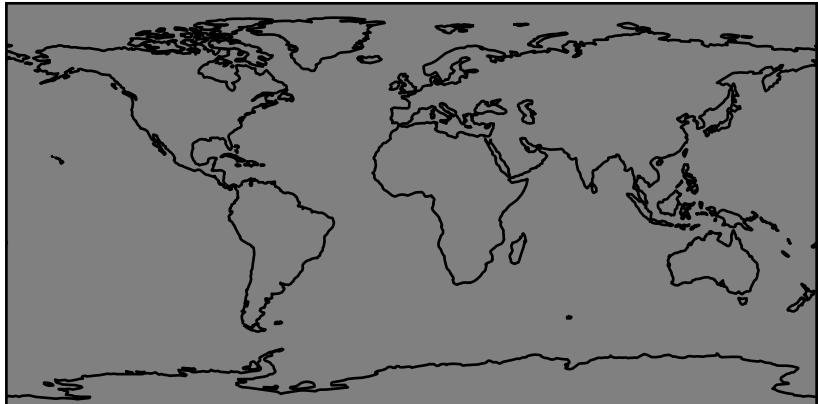


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



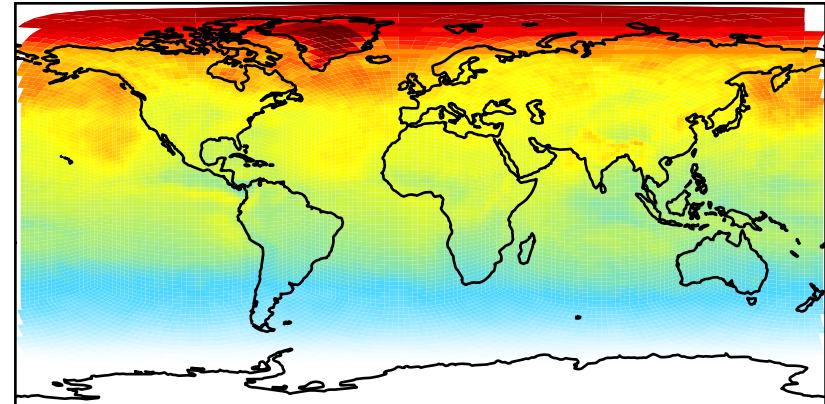
Jval_OCLO

GC_12.8.0 (Ref)
4.0x5.0



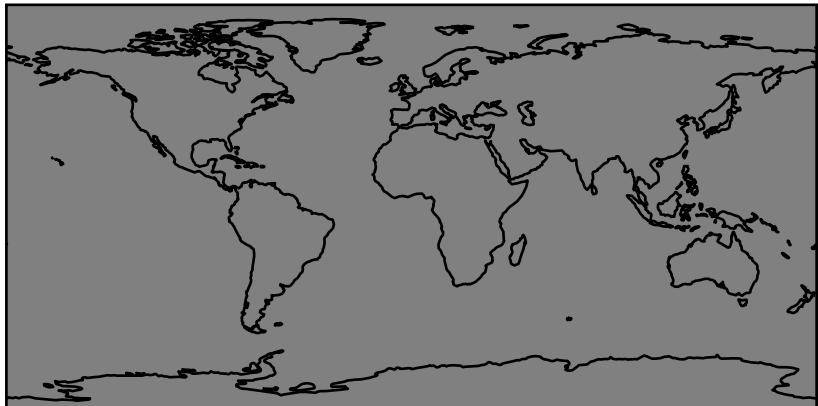
Undefined throughout domain
s-1

GCHP_12.8.0 (Dev)
c48



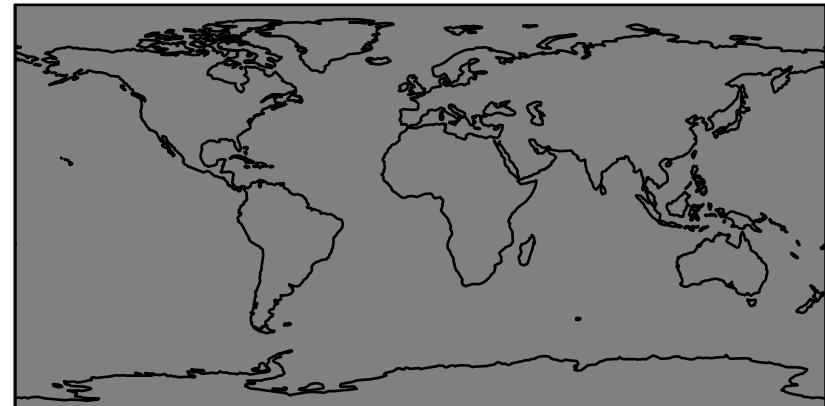
0.00 0.02 0.04 0.06 0.08 0.10
s-1

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



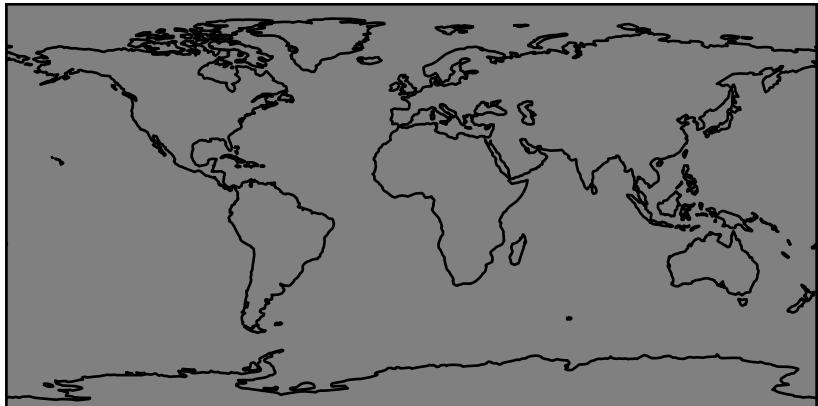
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s-1

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



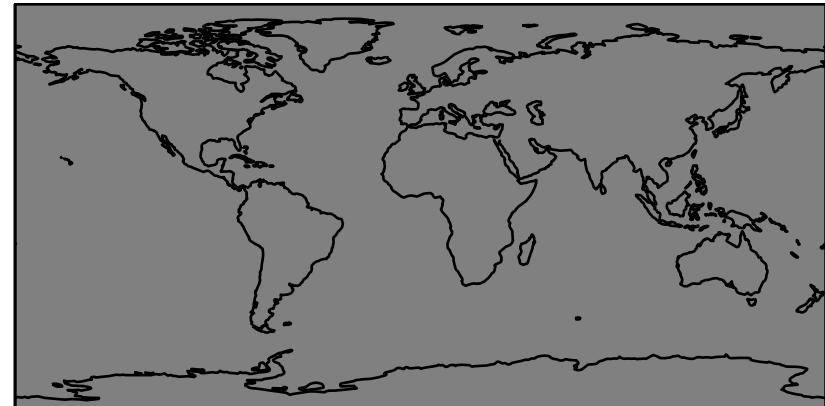
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s-1

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



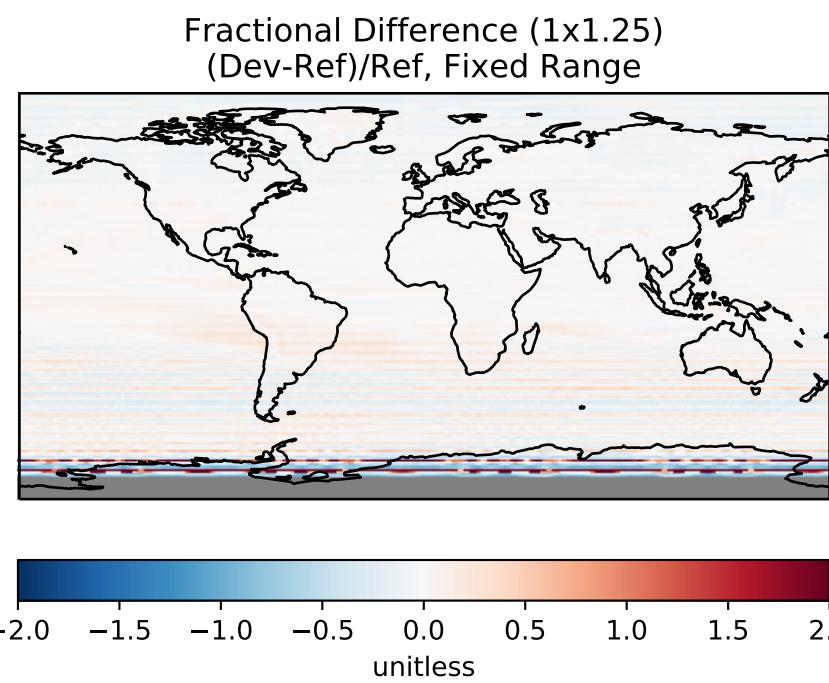
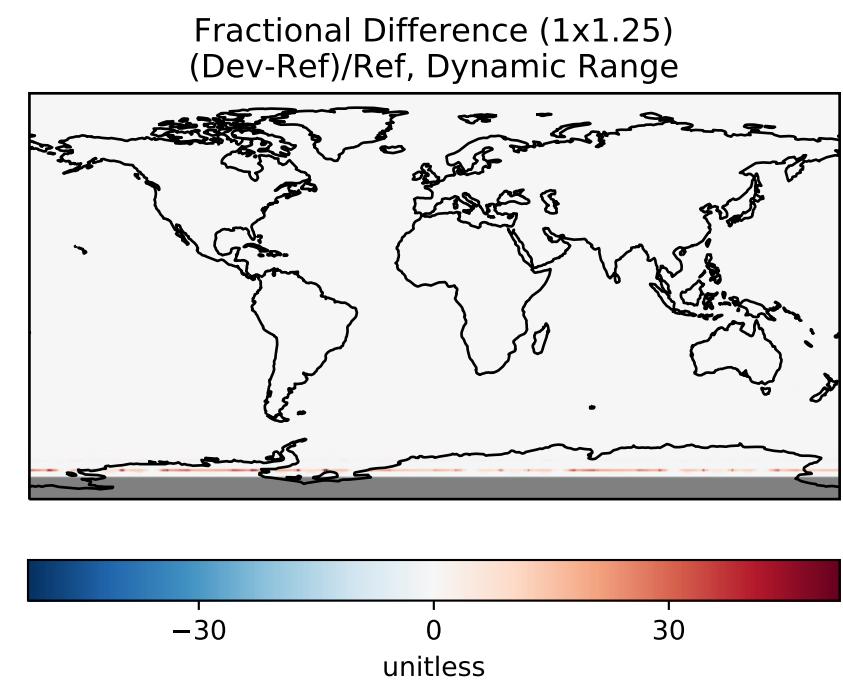
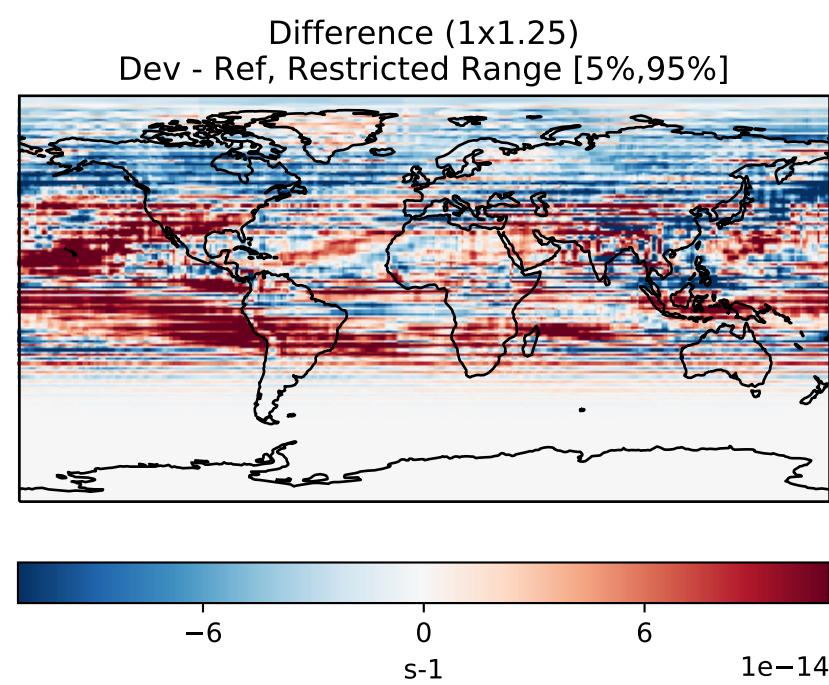
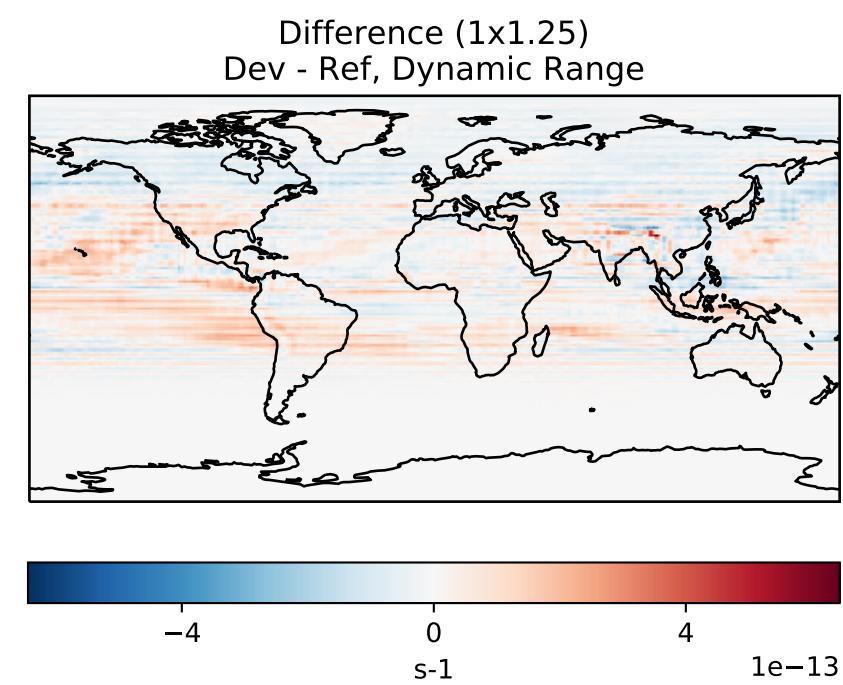
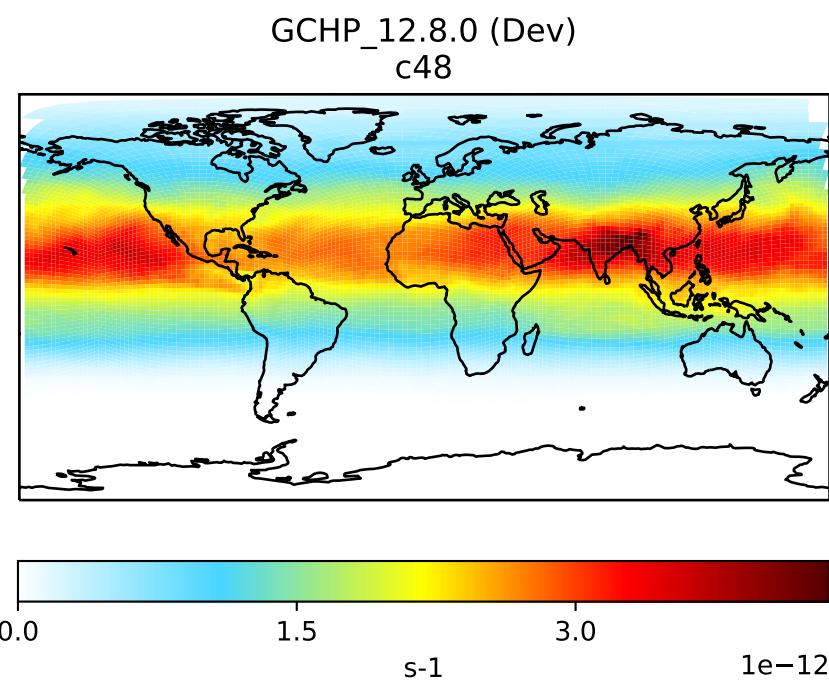
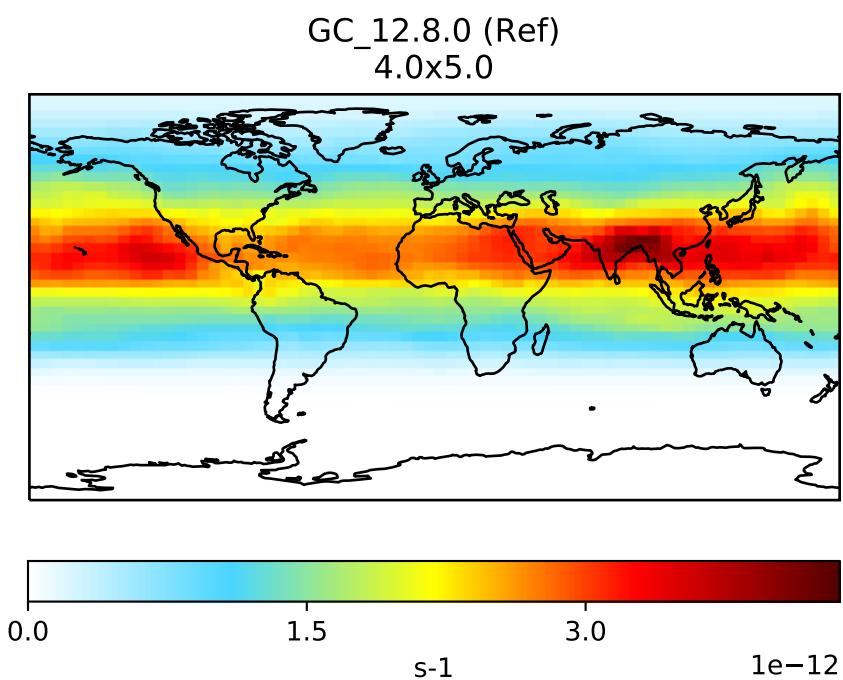
Undefined throughout domain
unitless

Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



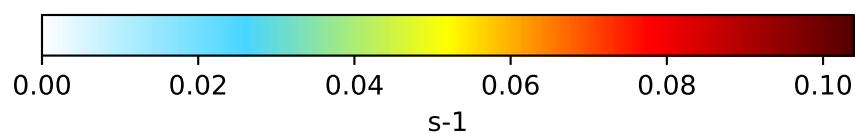
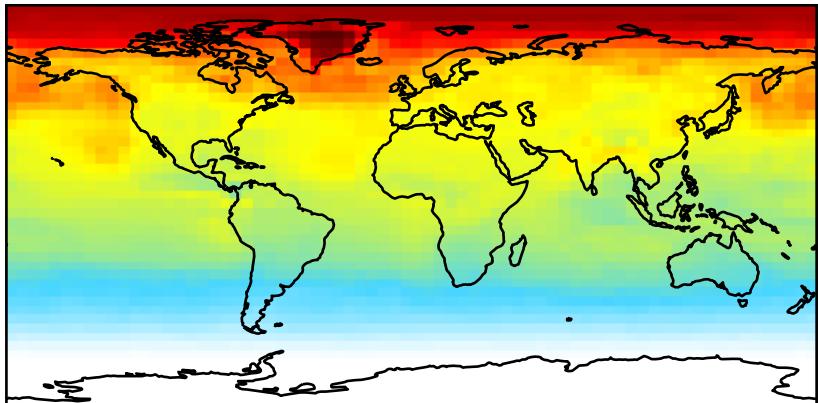
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Jval_OCS

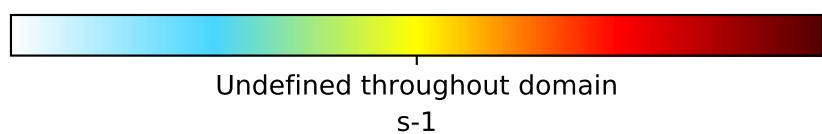
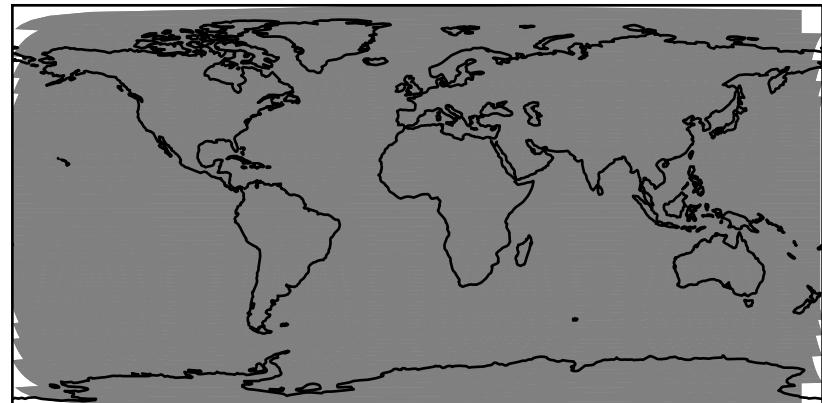


Jval_OCIO

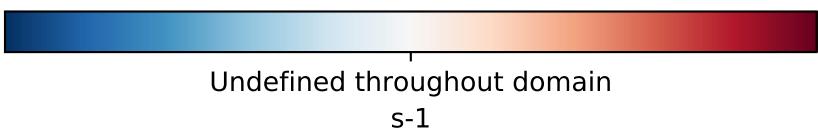
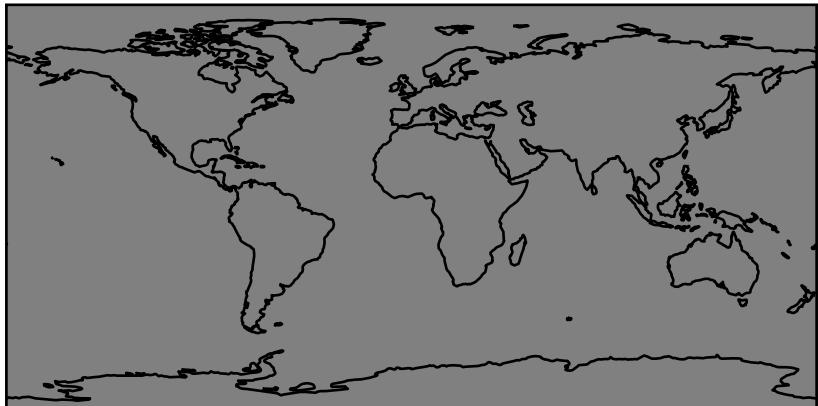
GC_12.8.0 (Ref)
4.0x5.0



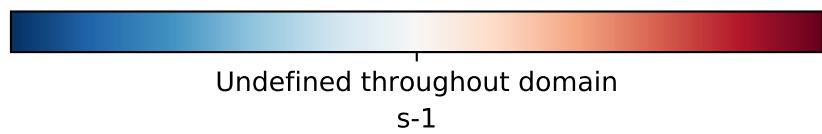
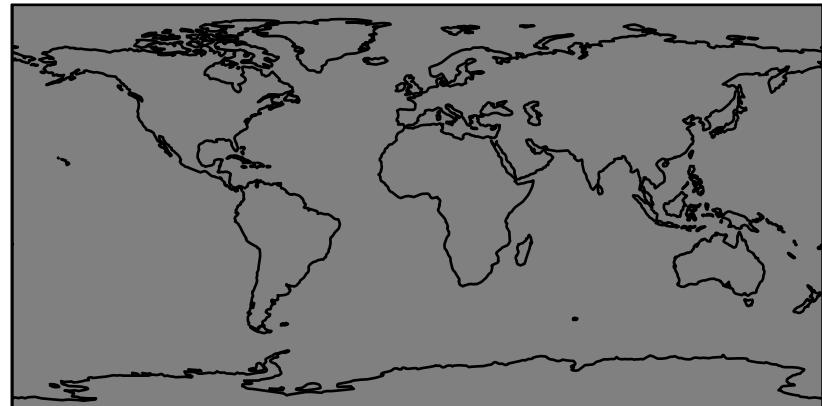
GCHP_12.8.0 (Dev)
c48



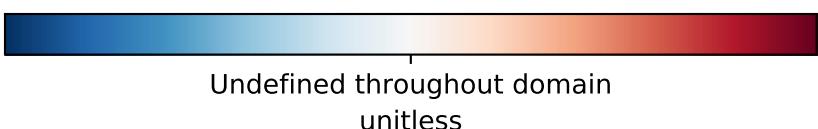
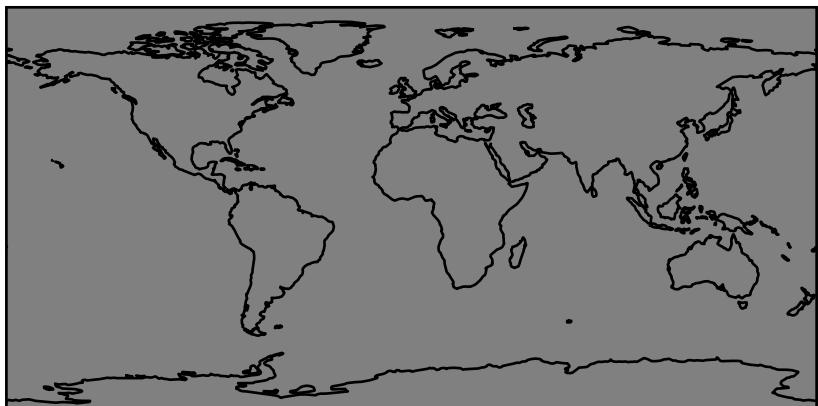
Difference (1x1.25)
Dev - Ref, Dynamic Range



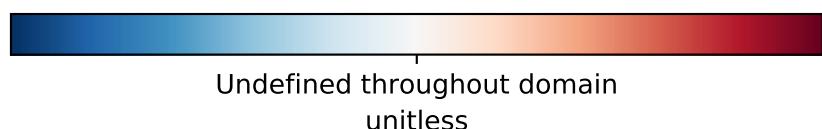
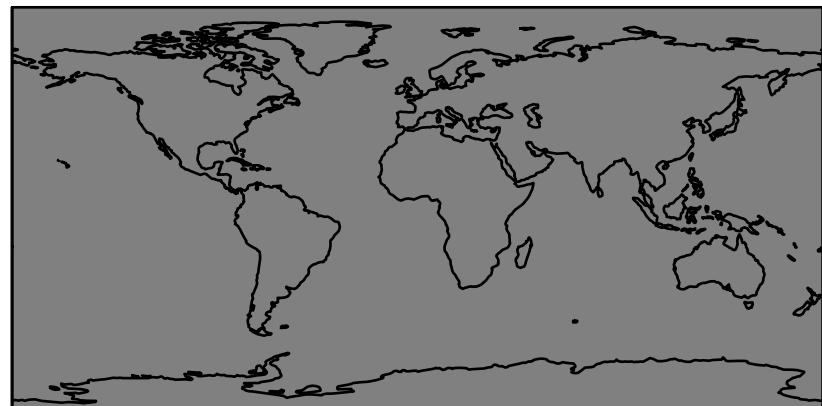
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



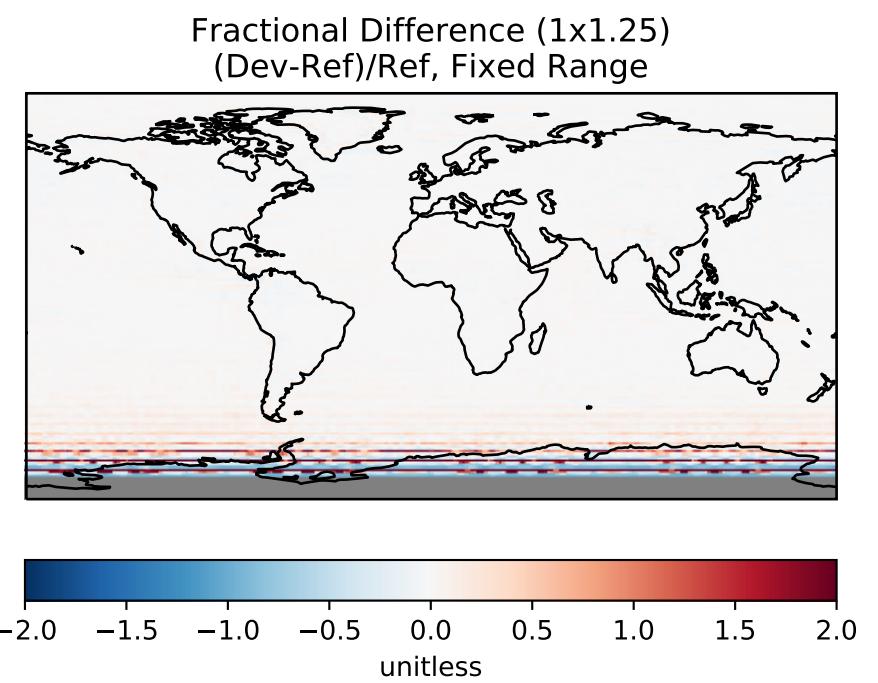
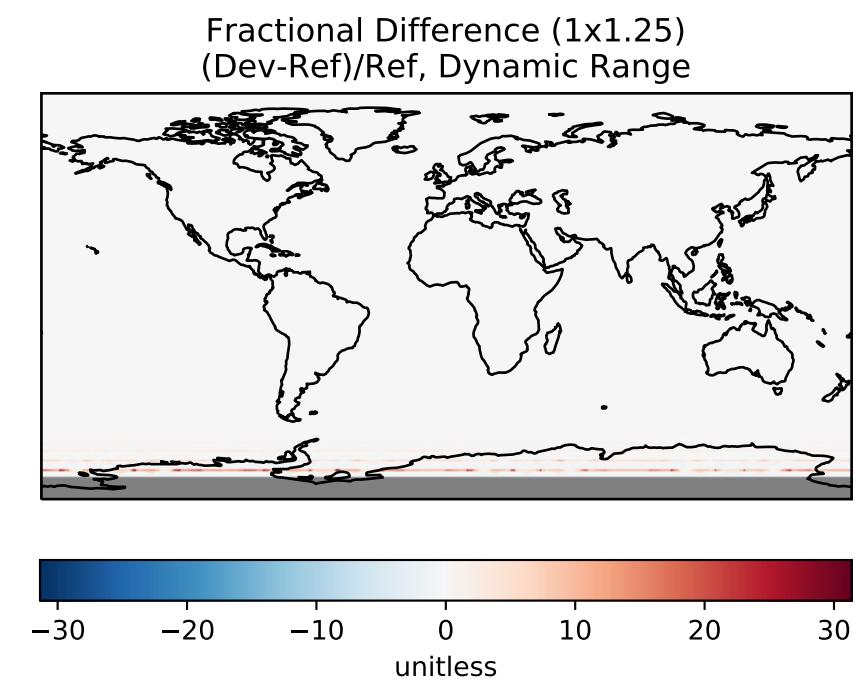
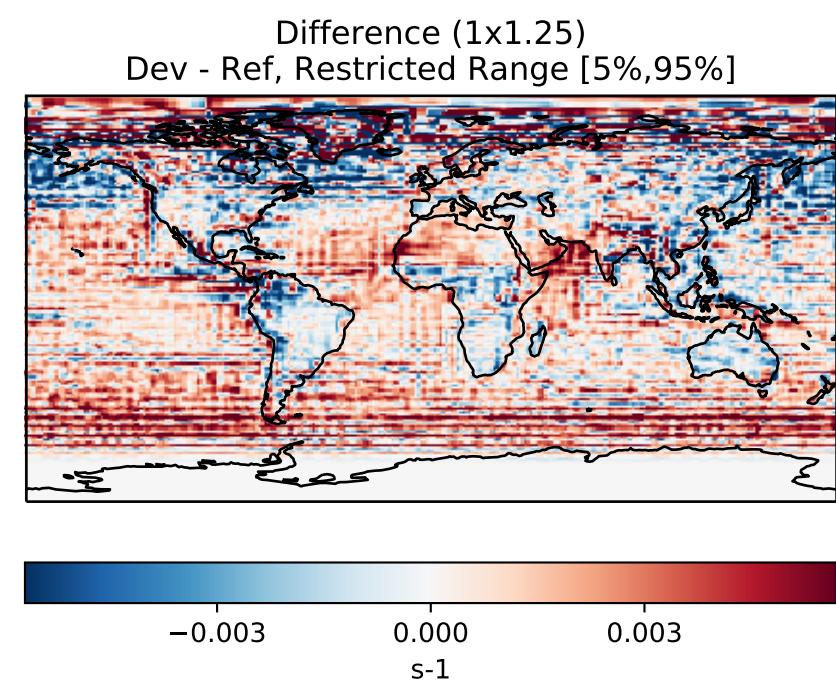
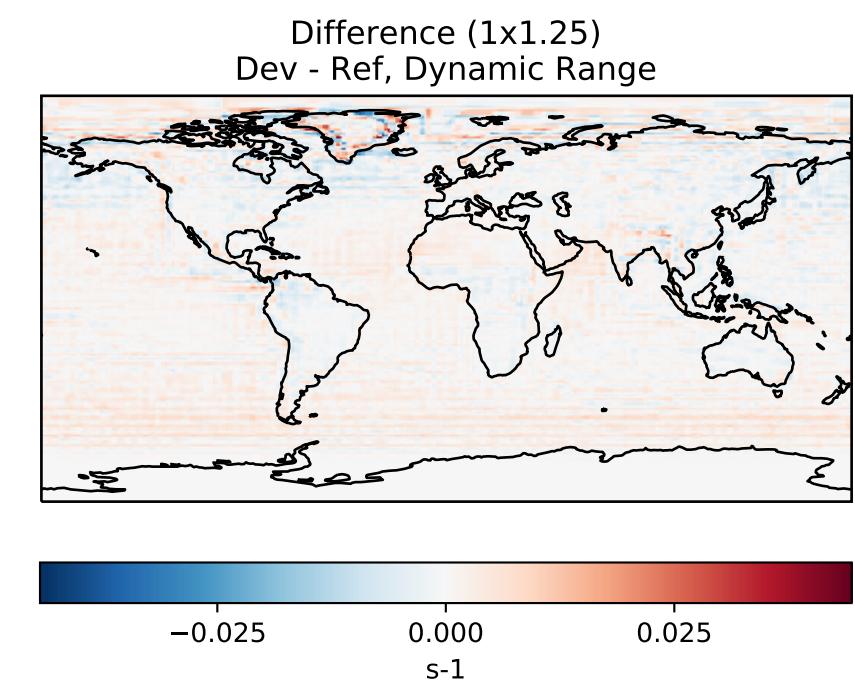
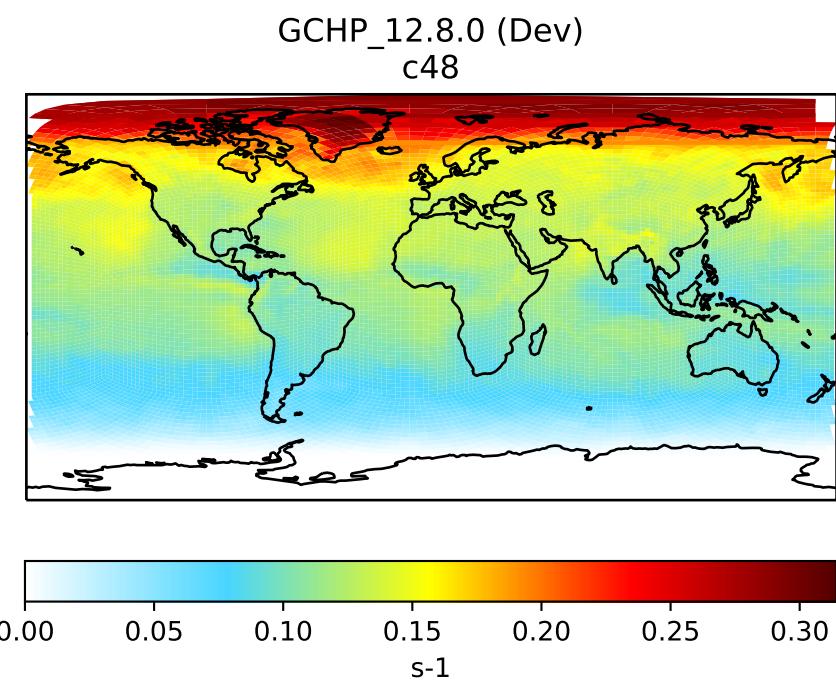
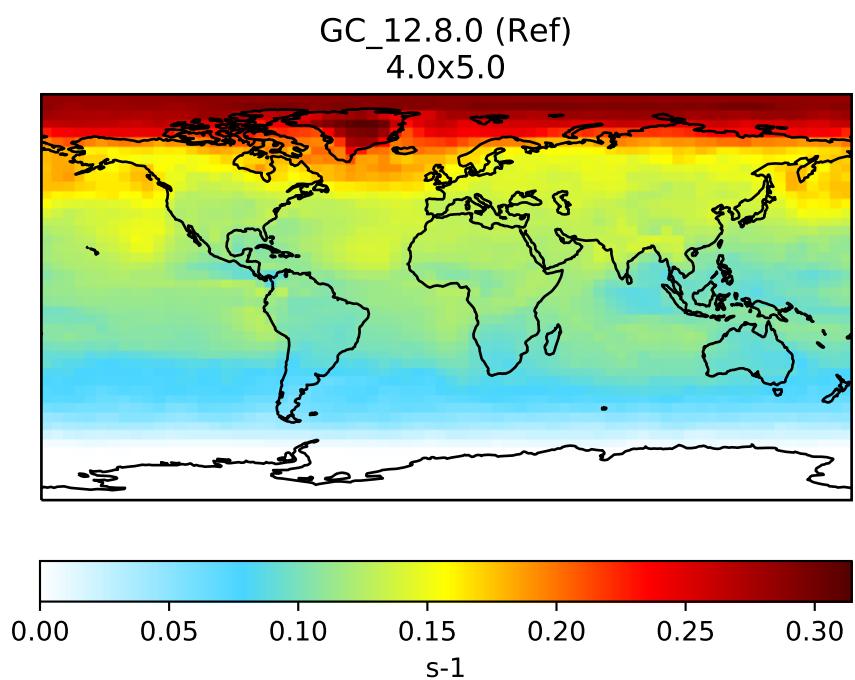
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



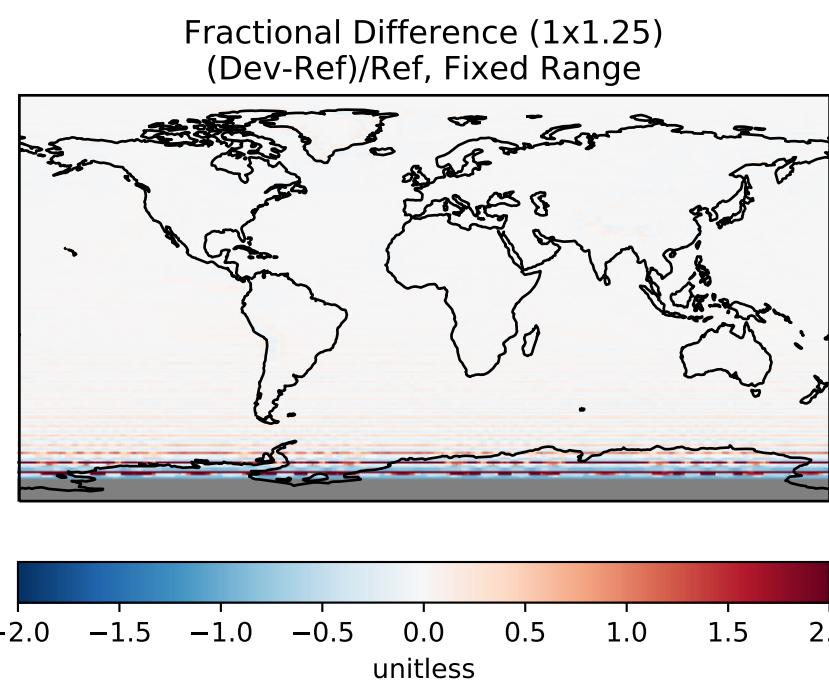
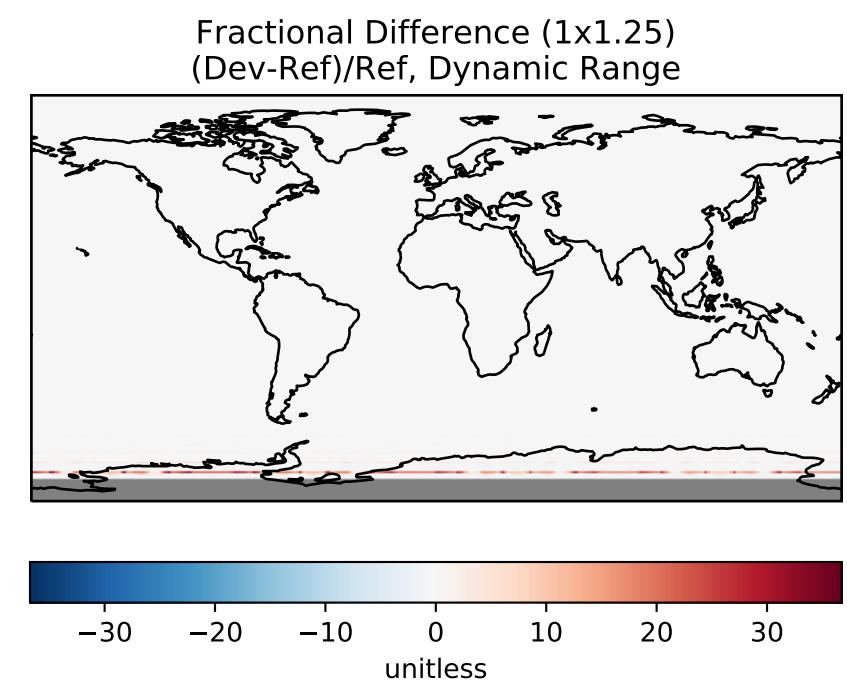
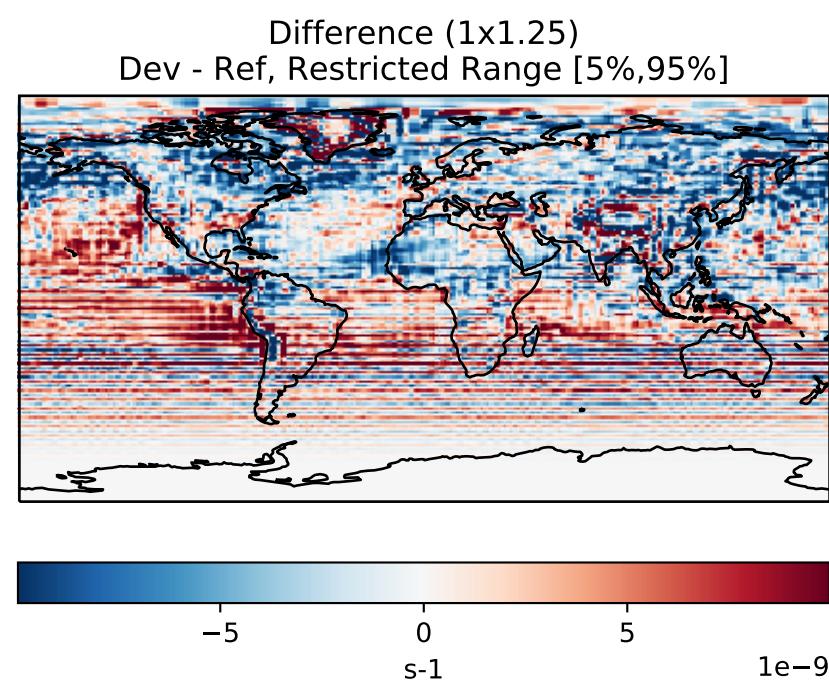
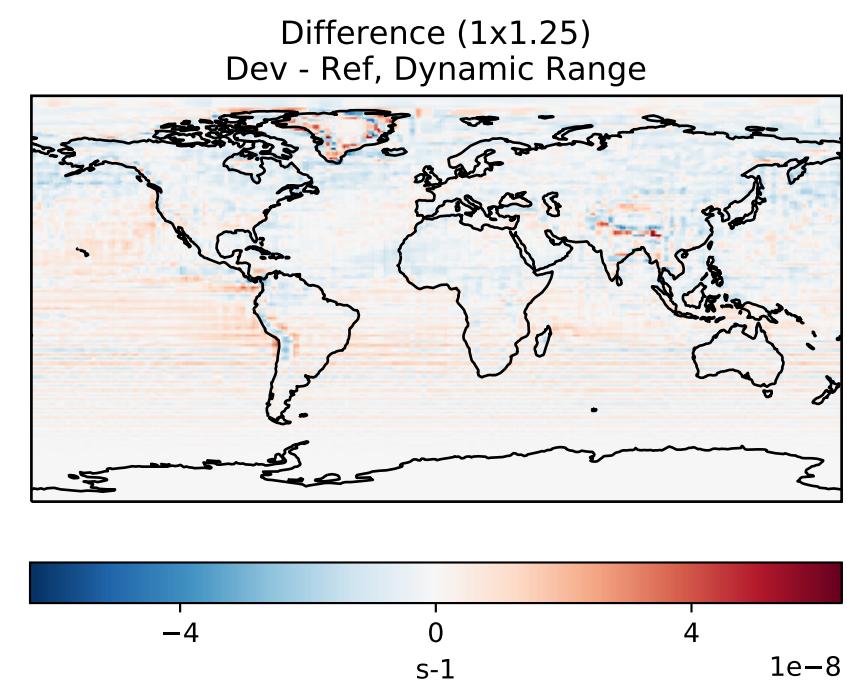
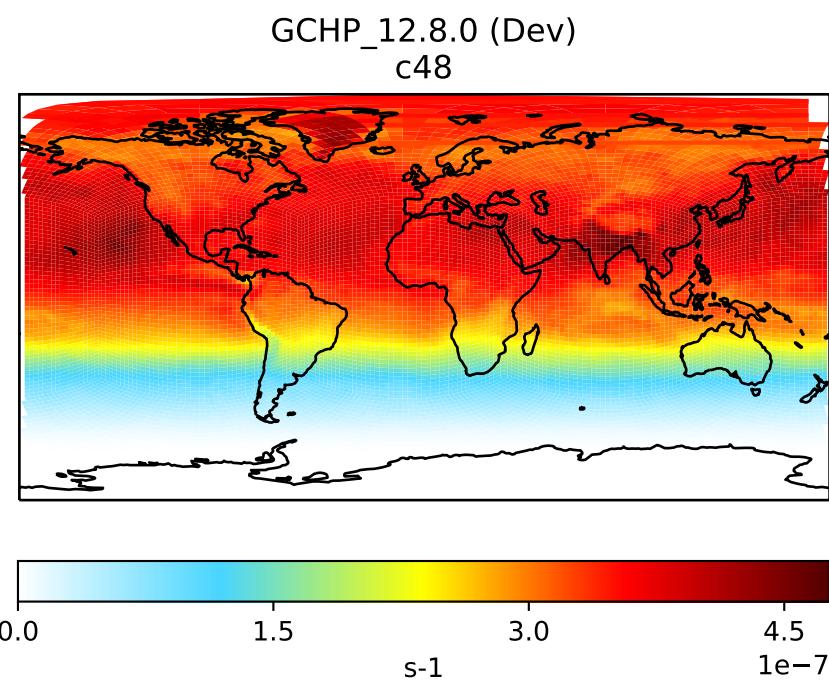
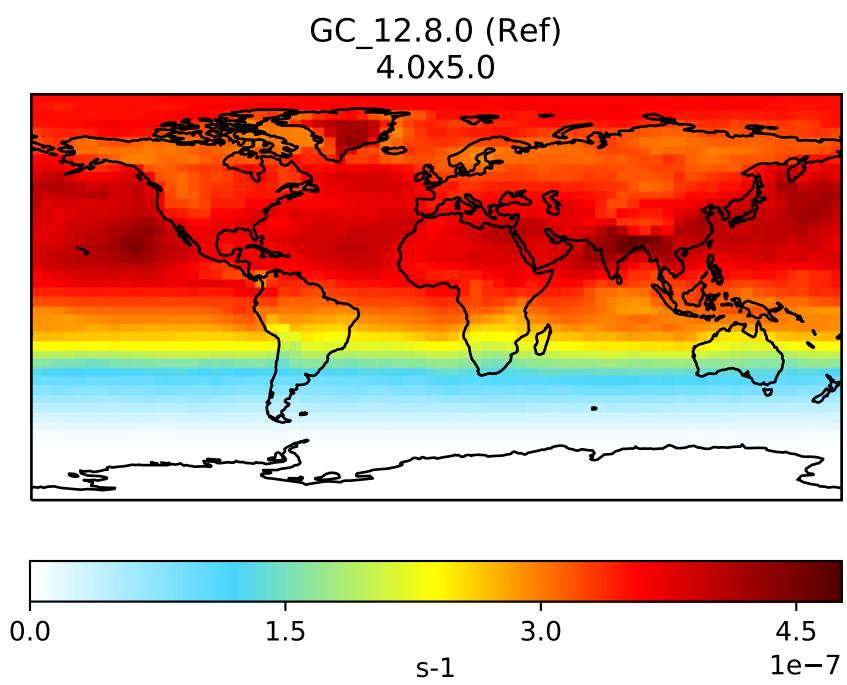
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



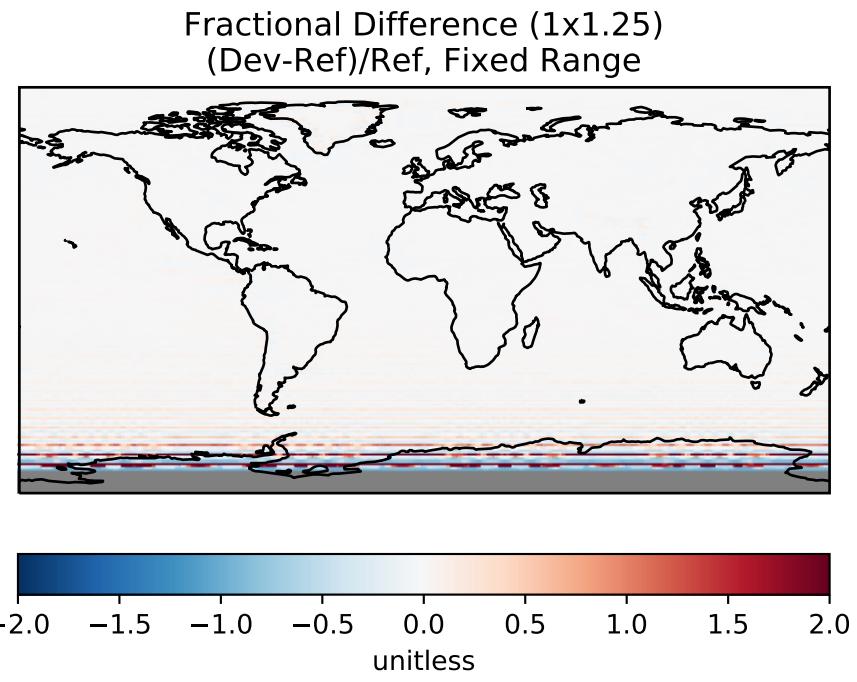
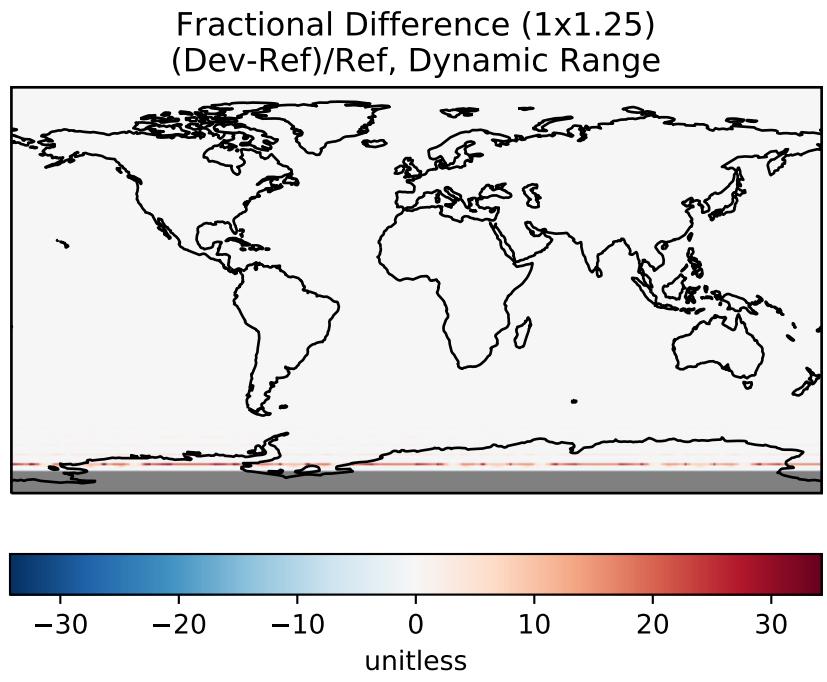
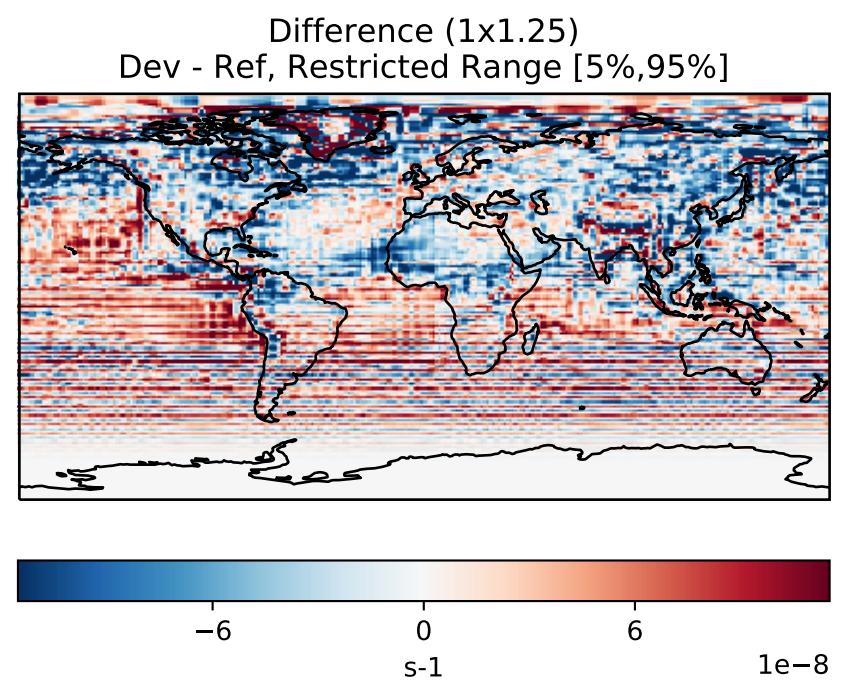
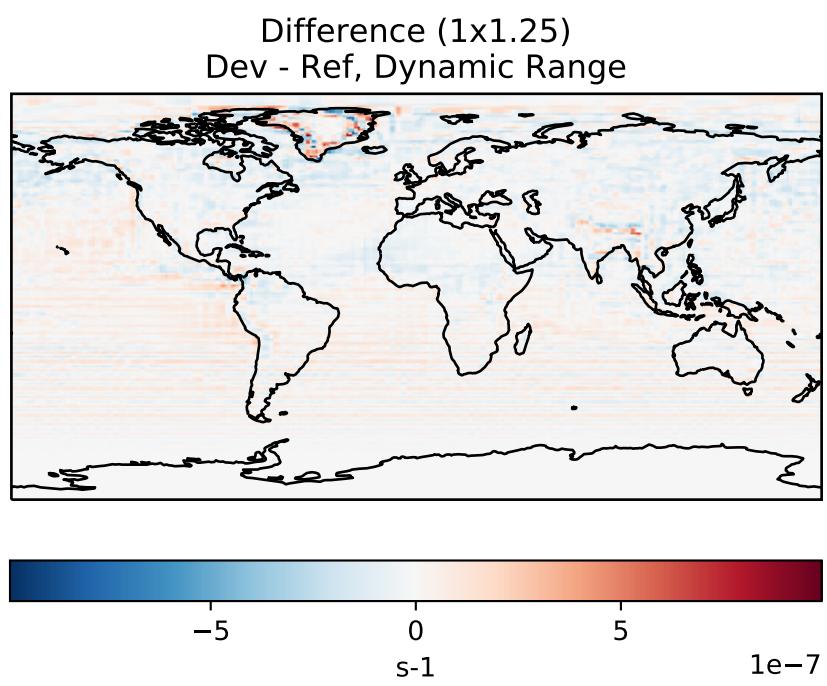
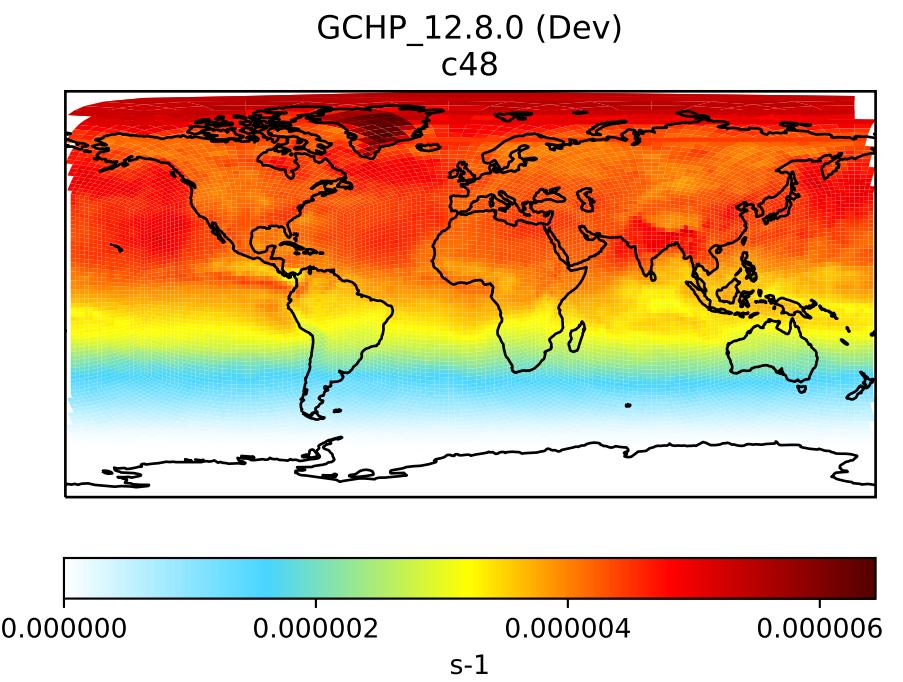
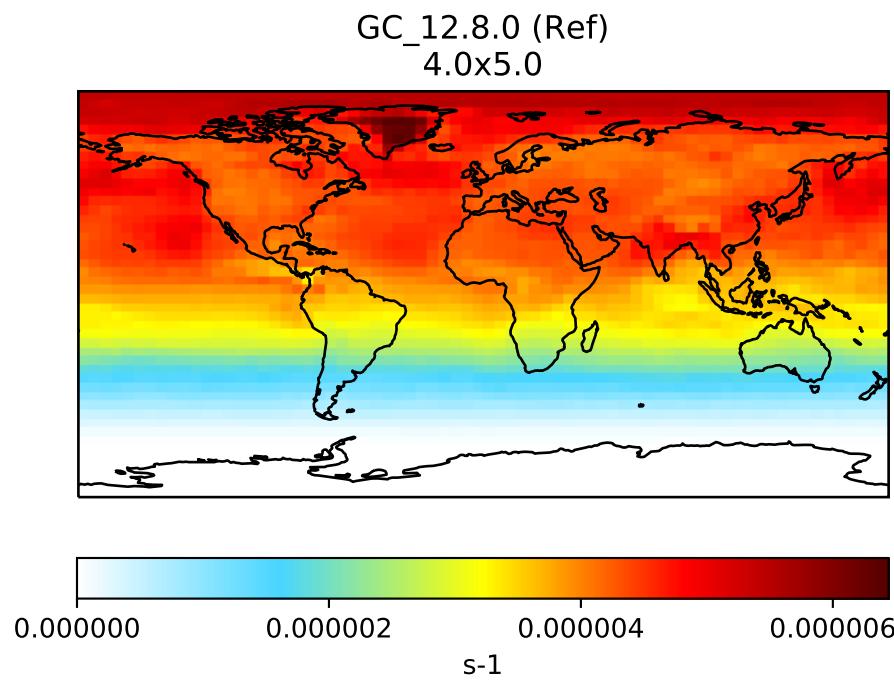
Jval_OIO



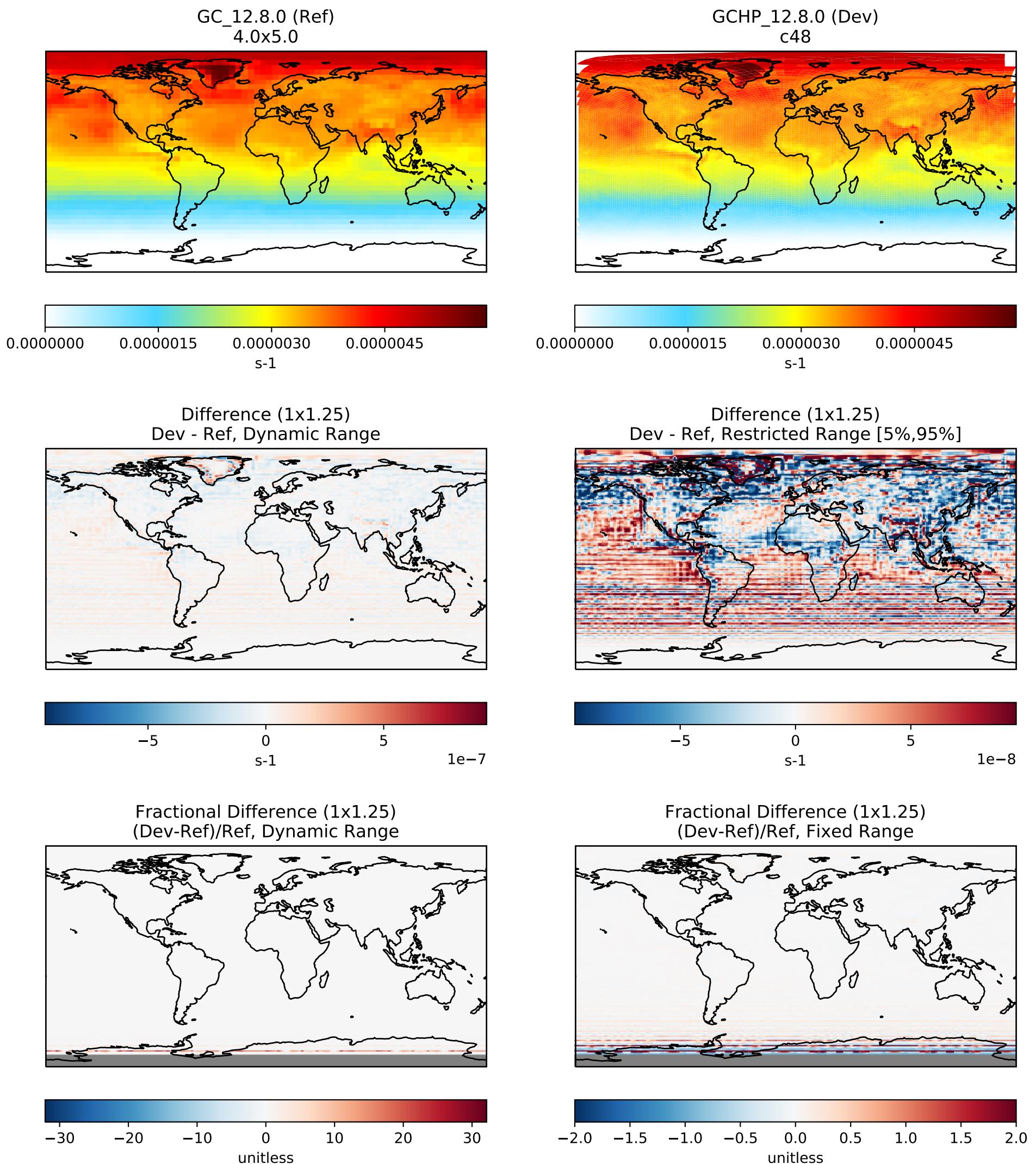
Jval_PAN



Jval_PIP

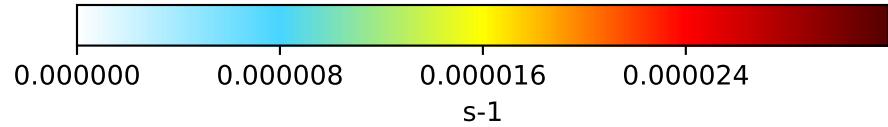
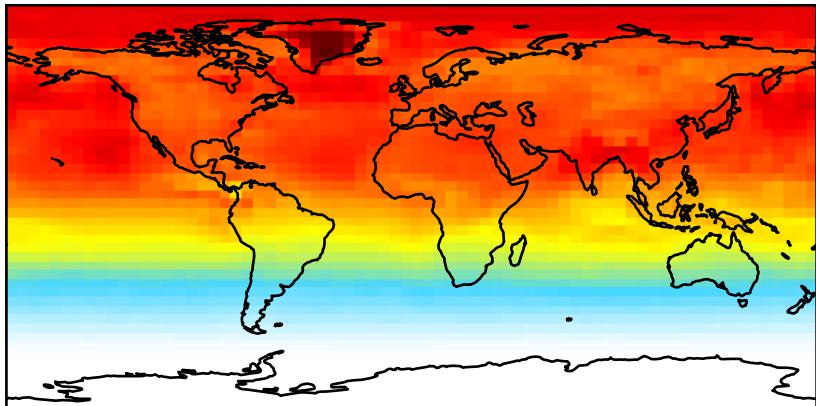


Jval_PP

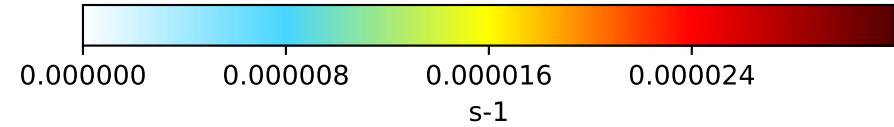
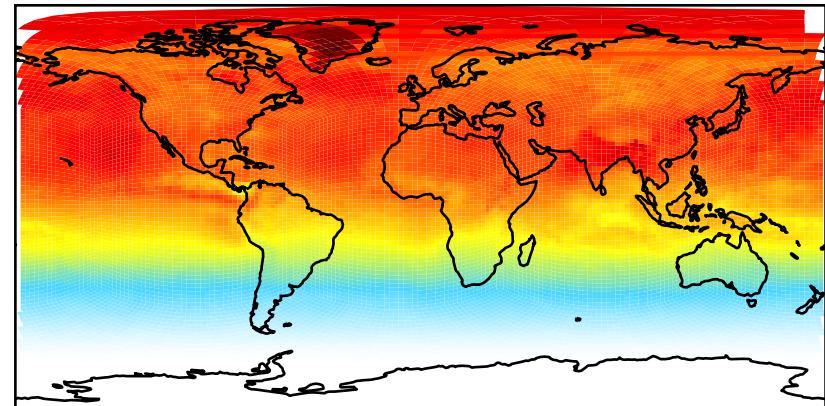


Jval_PROPNN

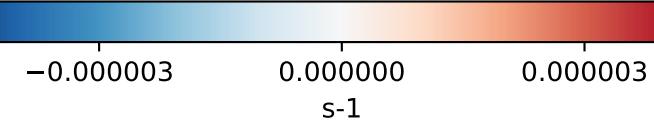
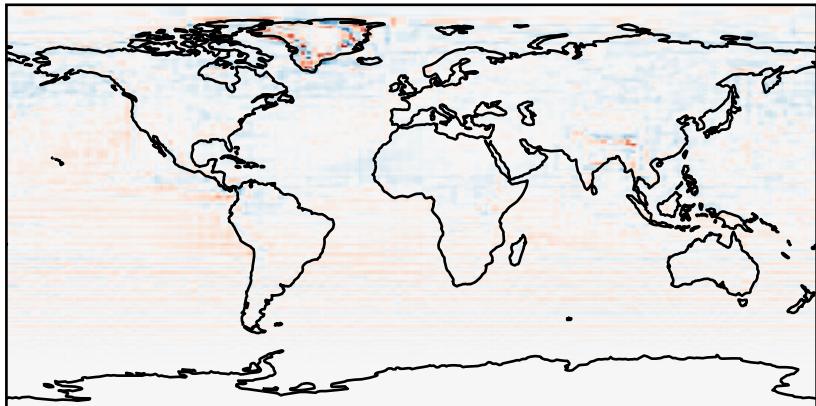
GC_12.8.0 (Ref)
4.0x5.0



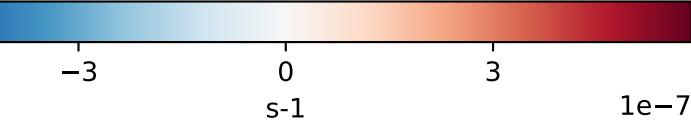
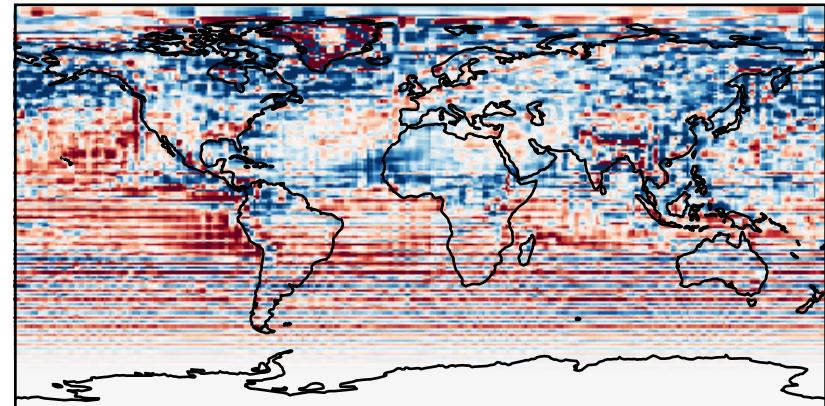
GCHP_12.8.0 (Dev)
c48



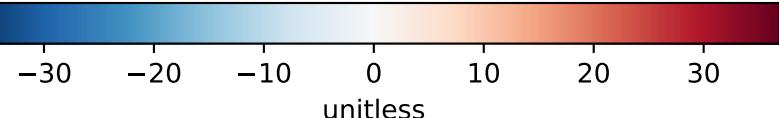
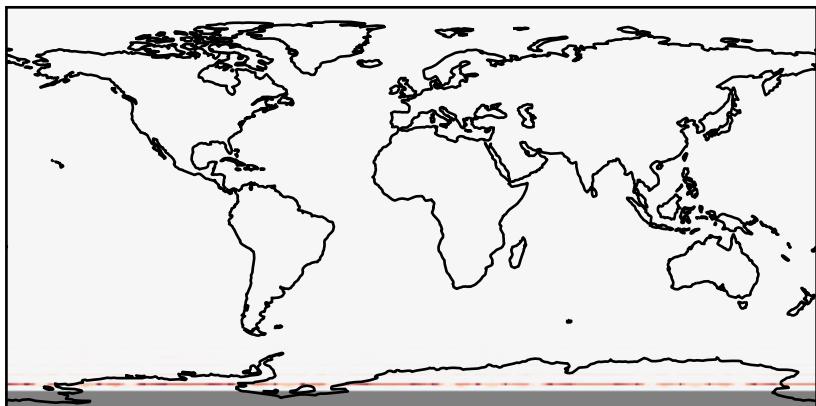
Difference (1x1.25)
Dev - Ref, Dynamic Range



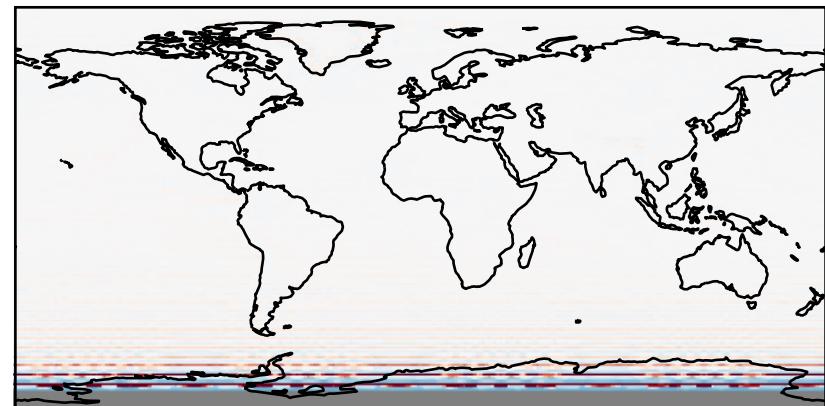
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



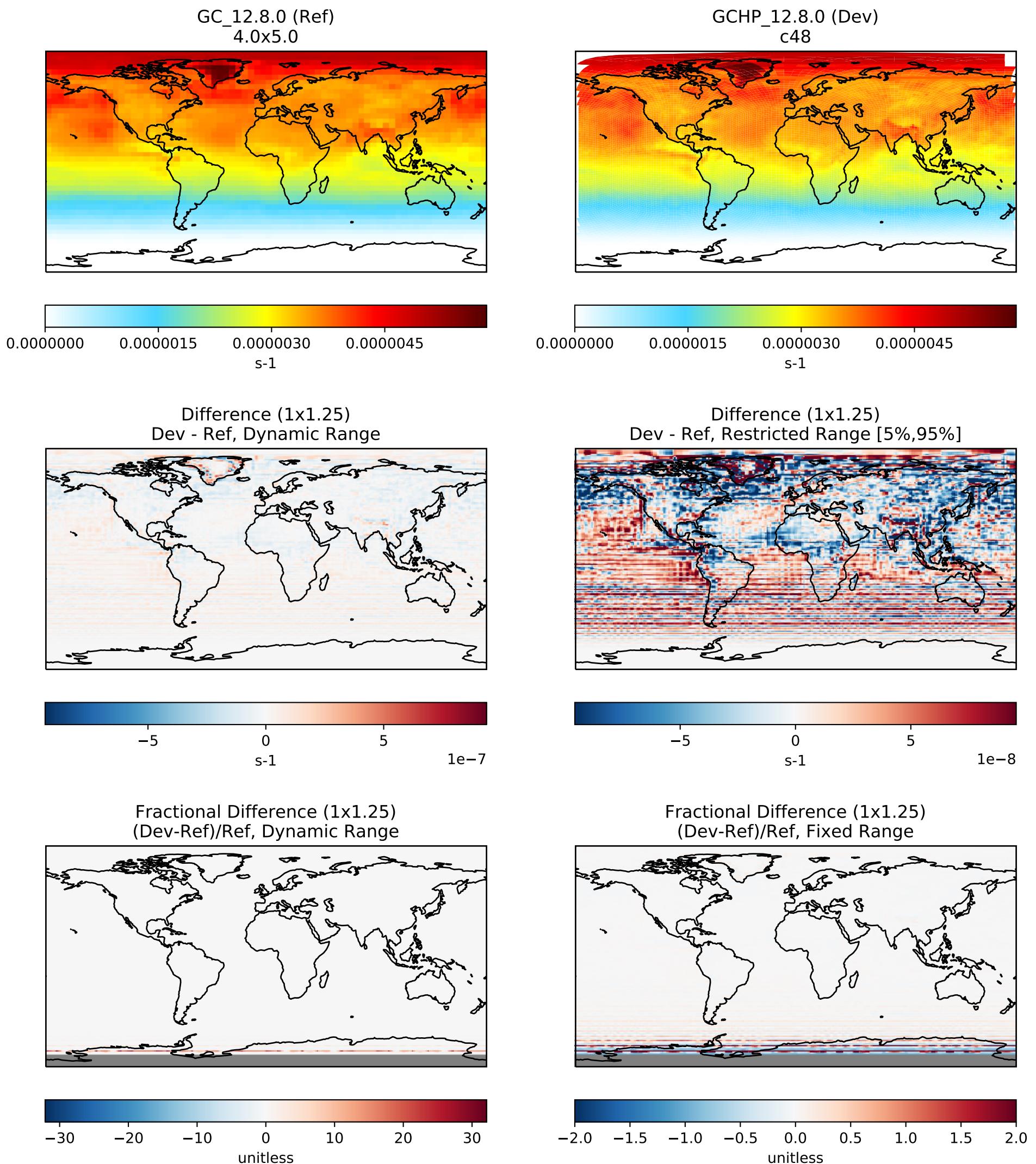
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

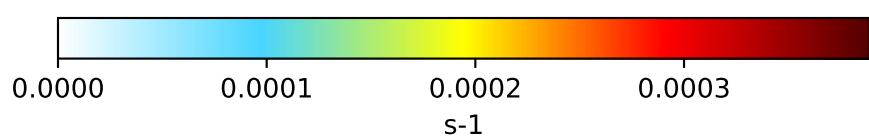
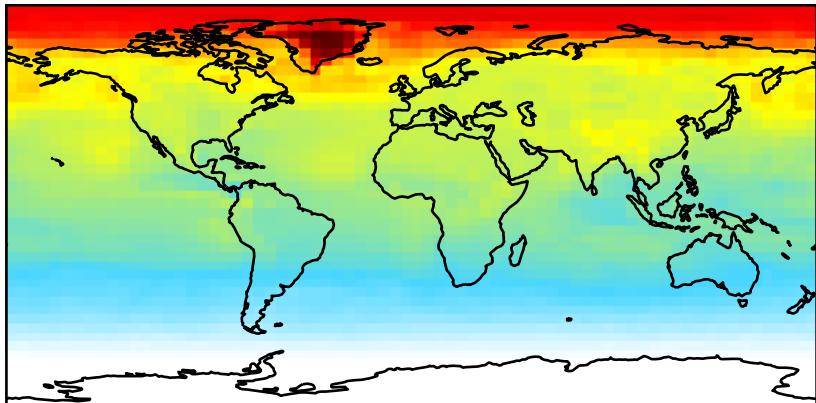


Jval_PRPN

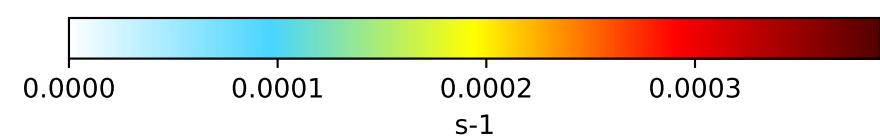
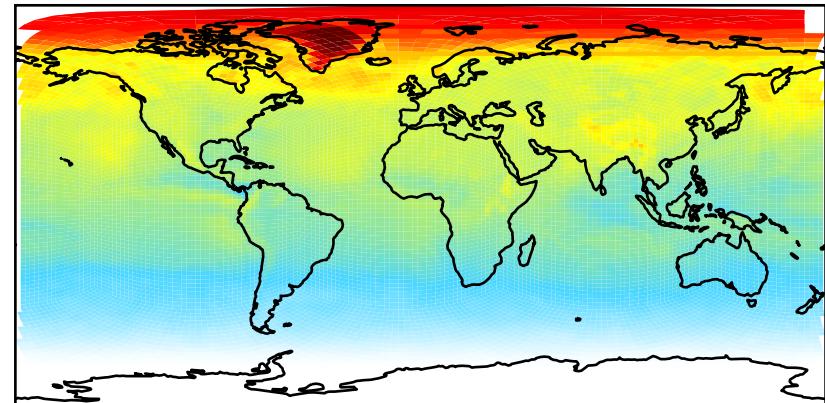


Jval_PYAC

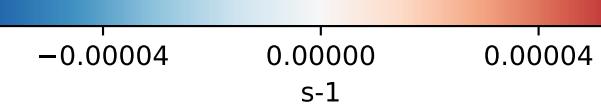
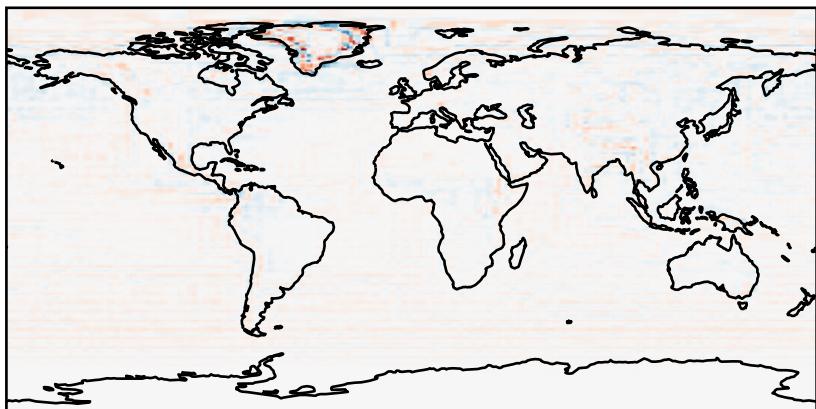
GC_12.8.0 (Ref)
4.0x5.0



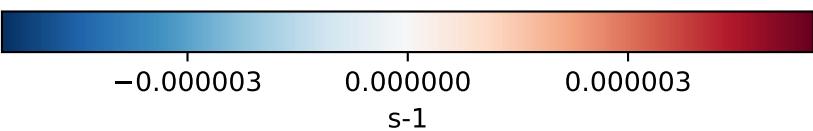
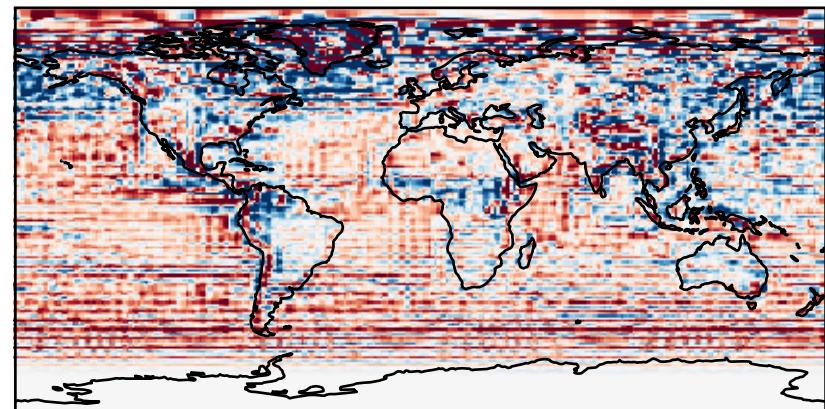
GCHP_12.8.0 (Dev)
c48



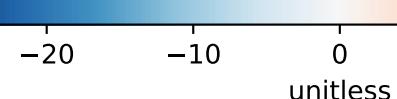
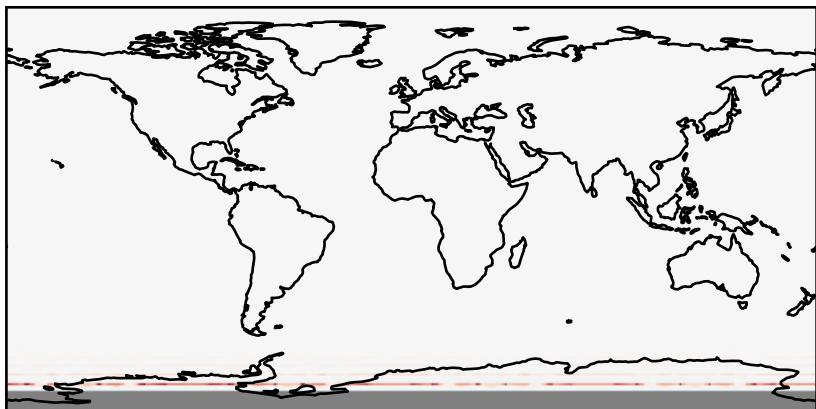
Difference (1x1.25)
Dev - Ref, Dynamic Range



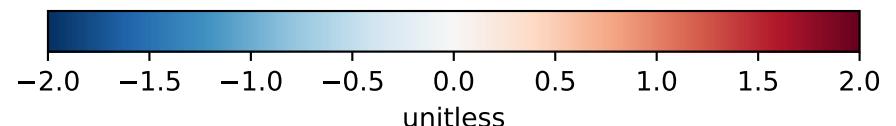
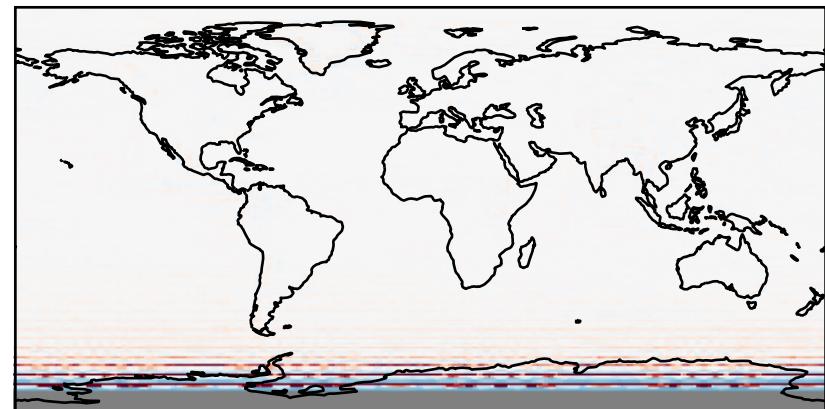
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

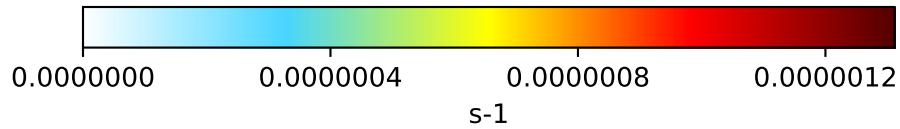
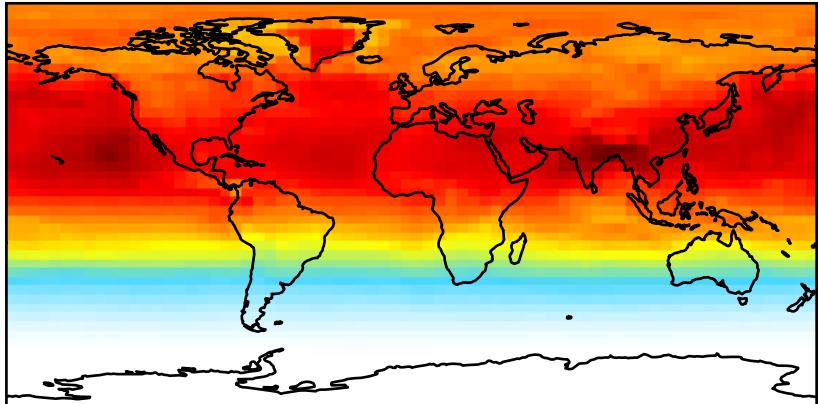


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

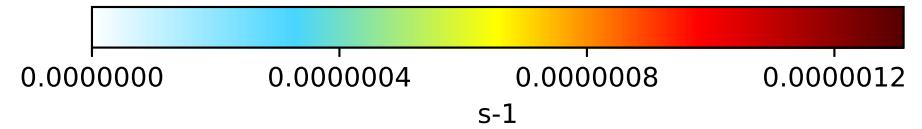
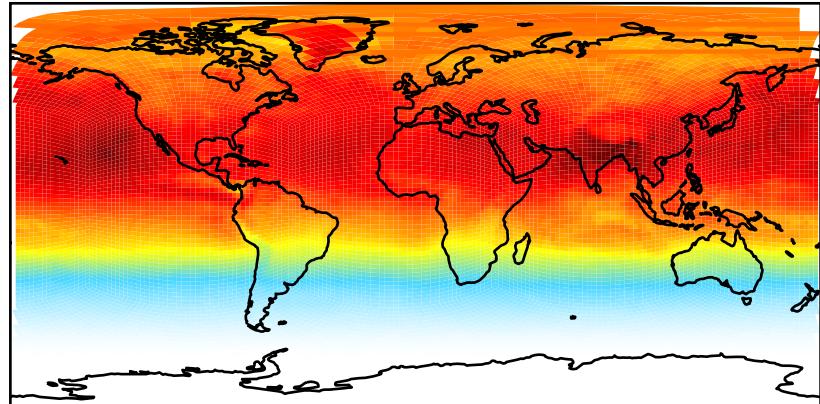


Jval_R4N2

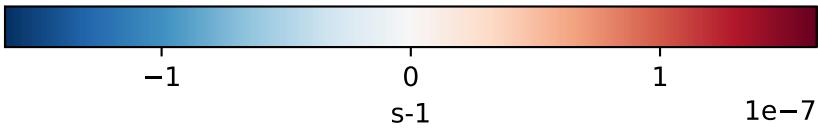
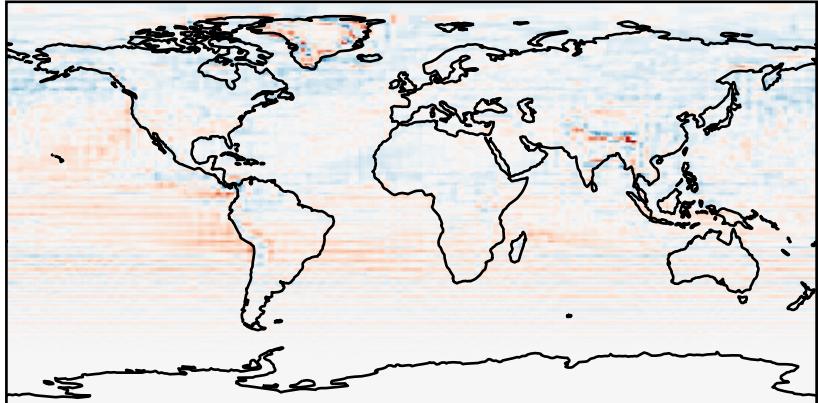
GC_12.8.0 (Ref)
4.0x5.0



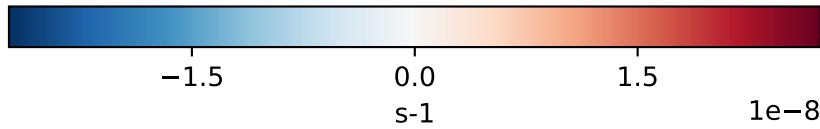
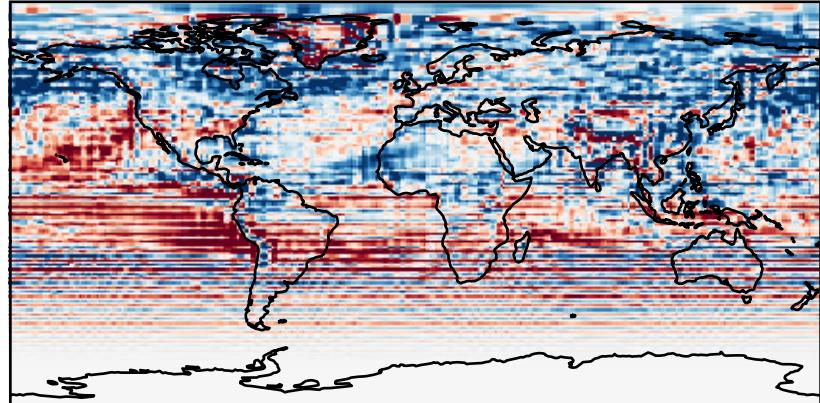
GCHP_12.8.0 (Dev)
c48



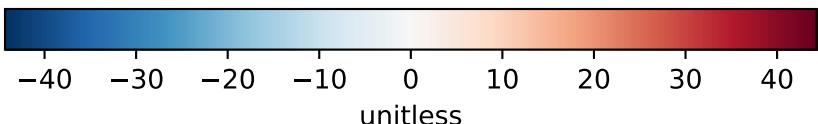
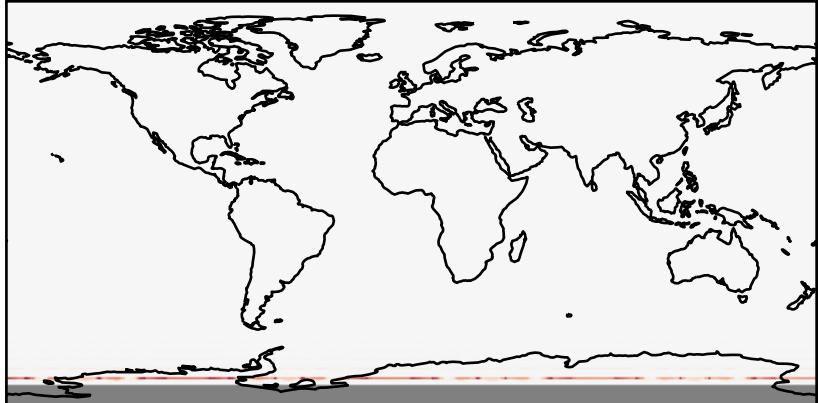
Difference (1x1.25)
Dev - Ref, Dynamic Range



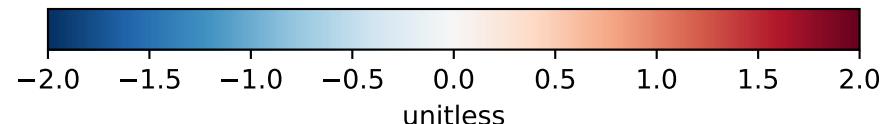
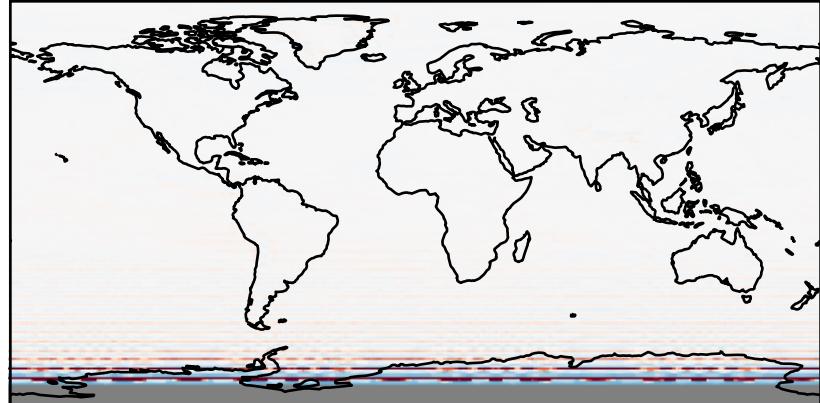
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



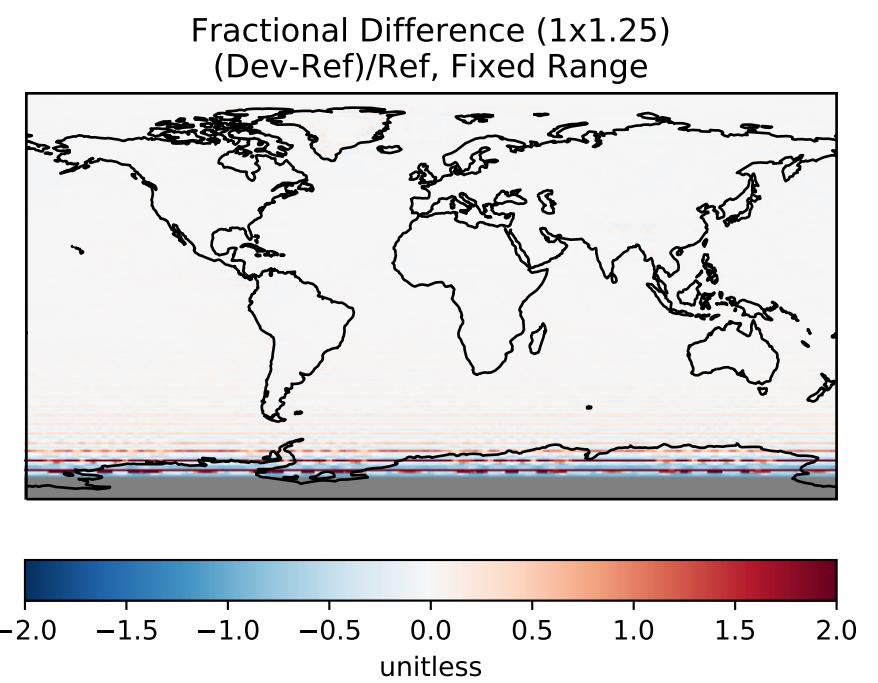
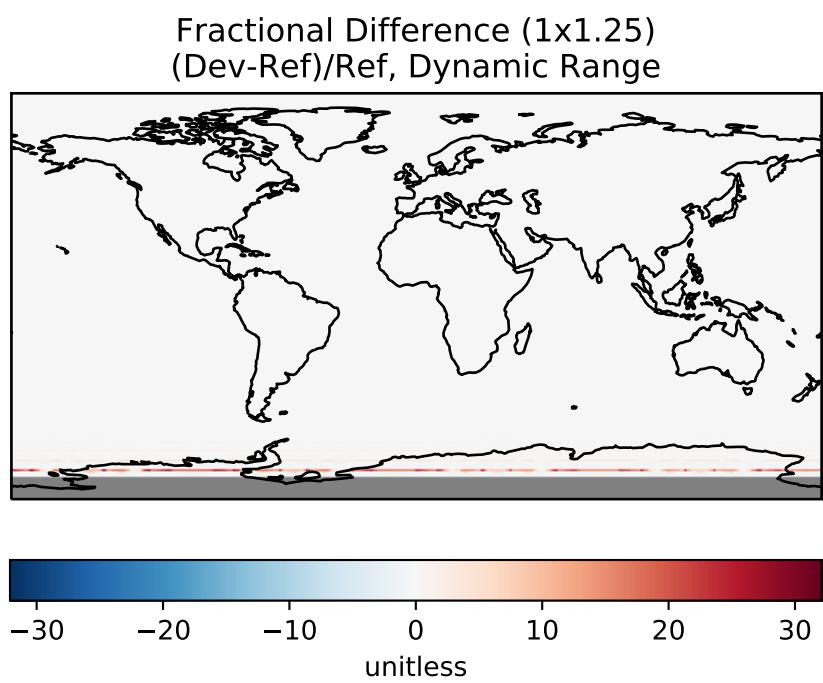
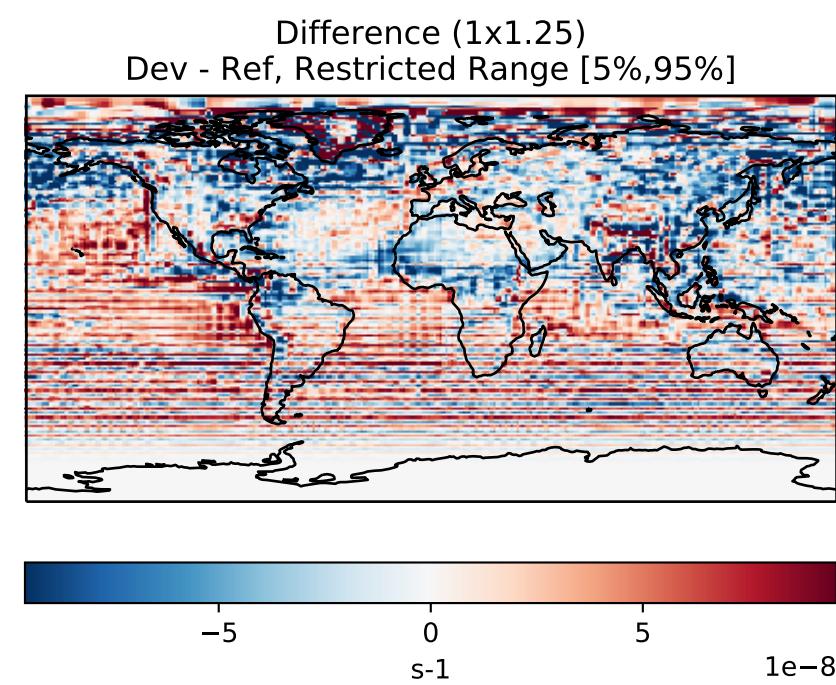
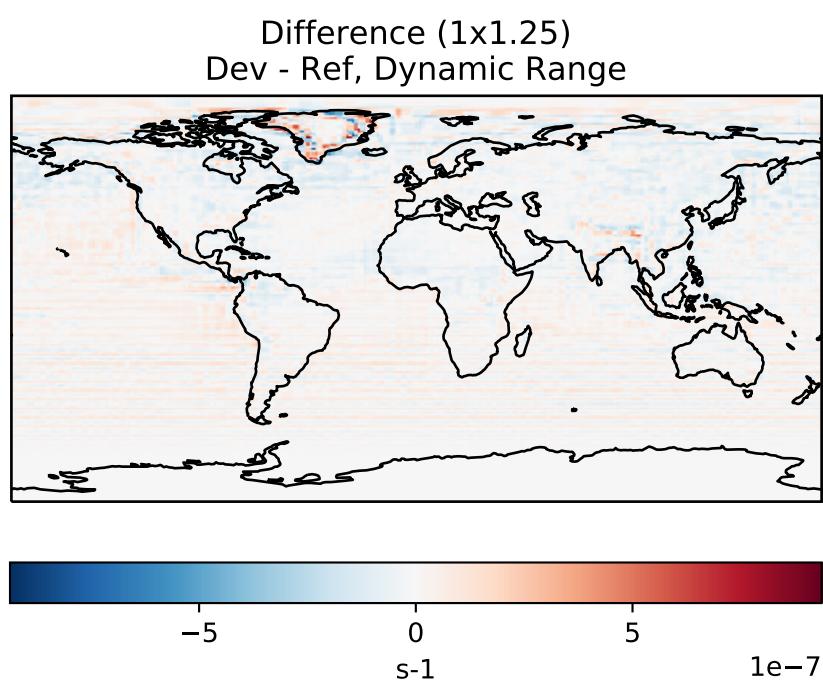
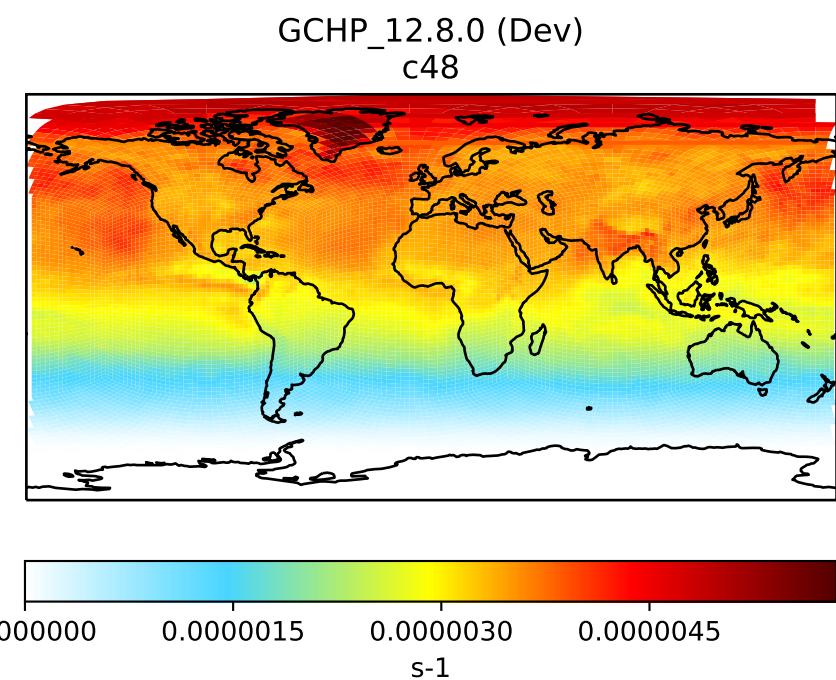
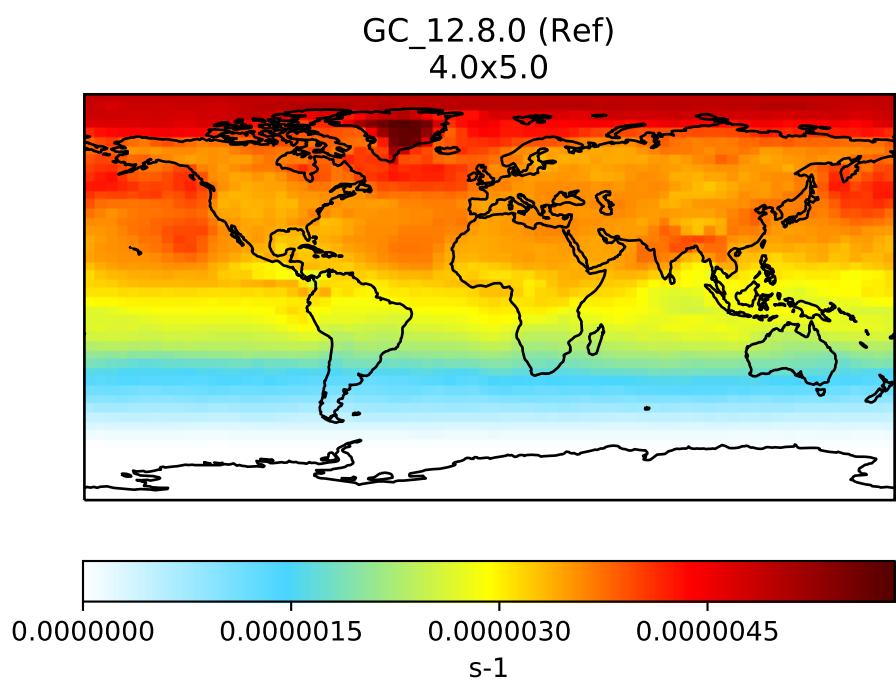
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



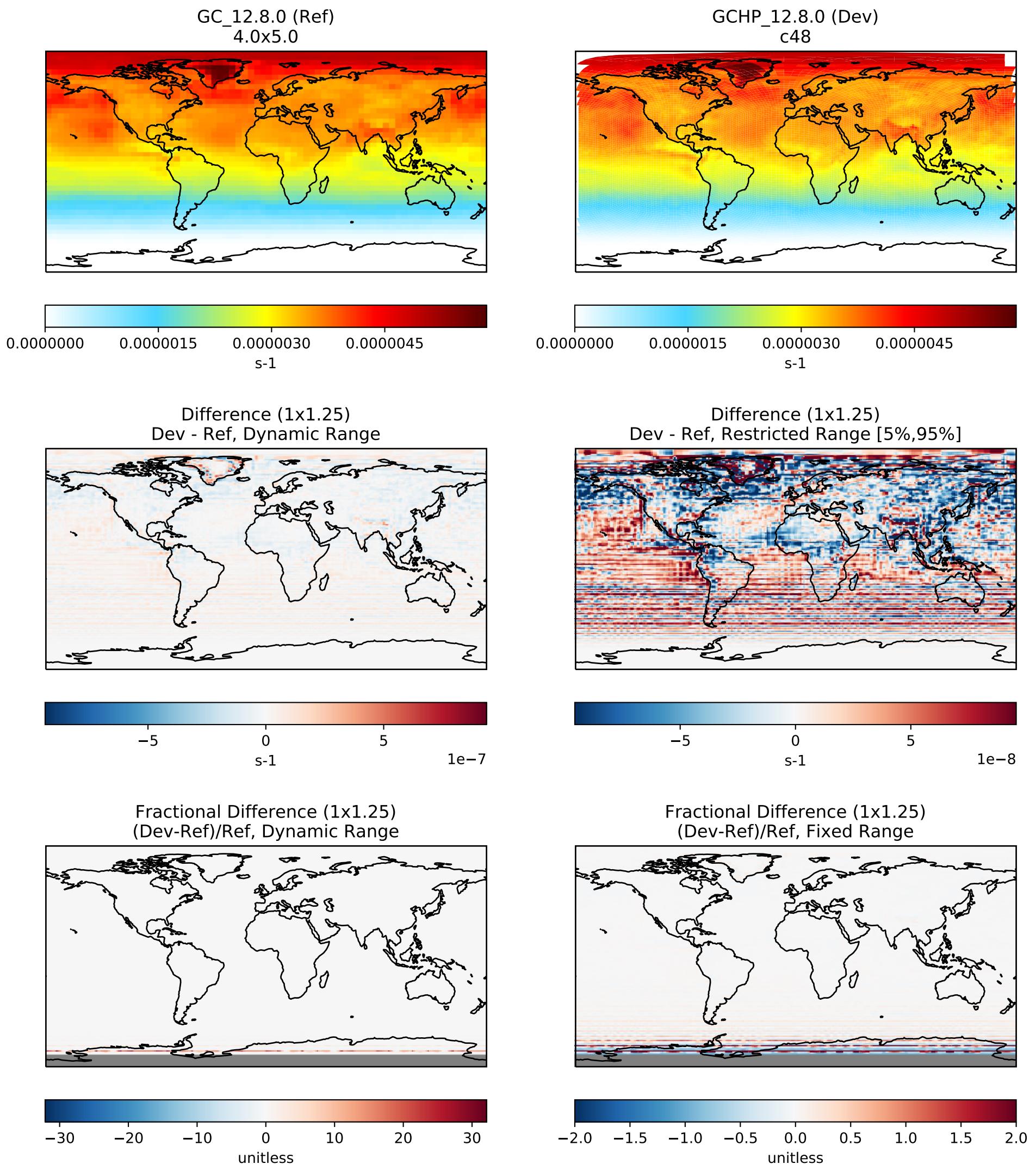
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



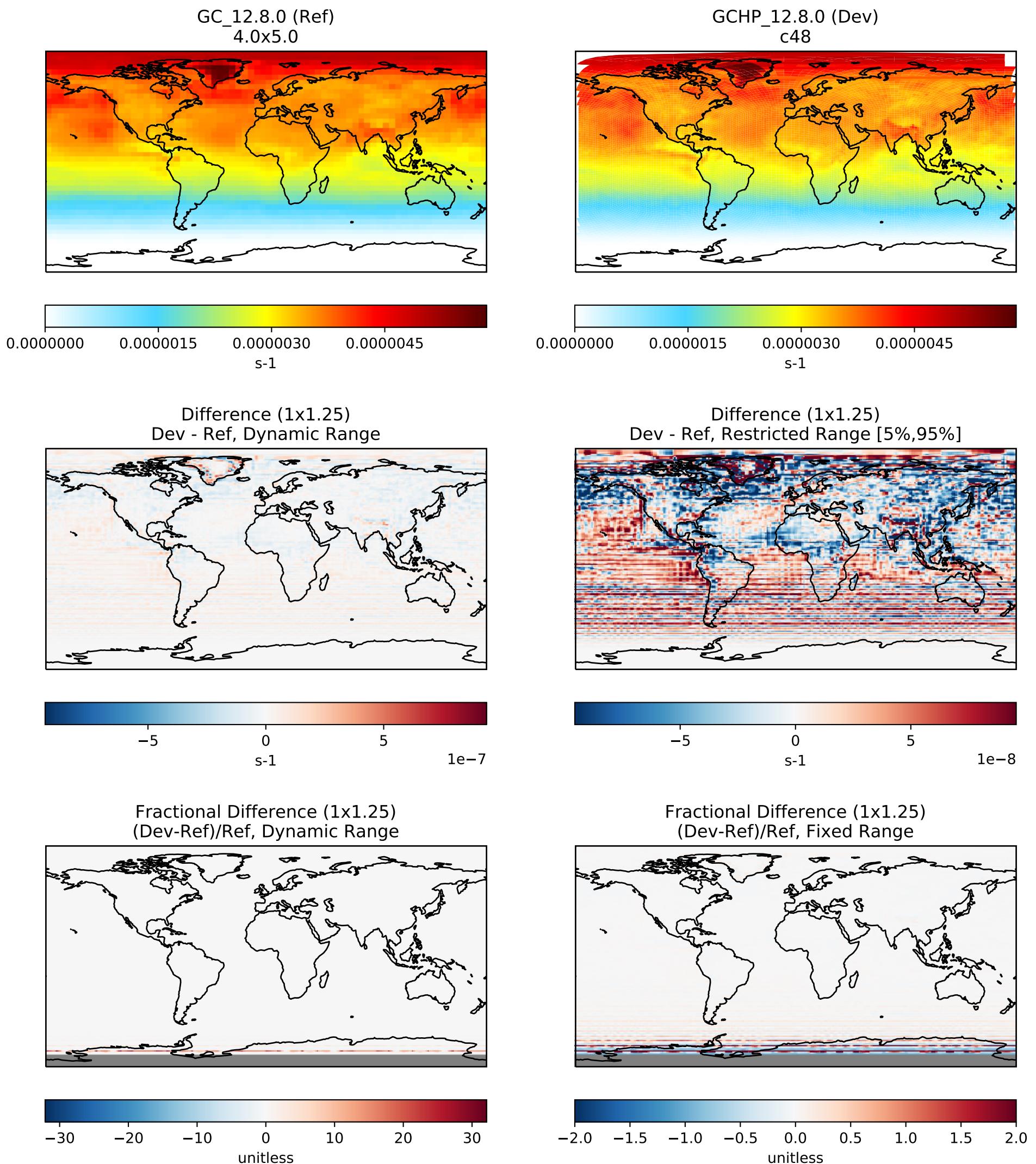
Jval_R4P



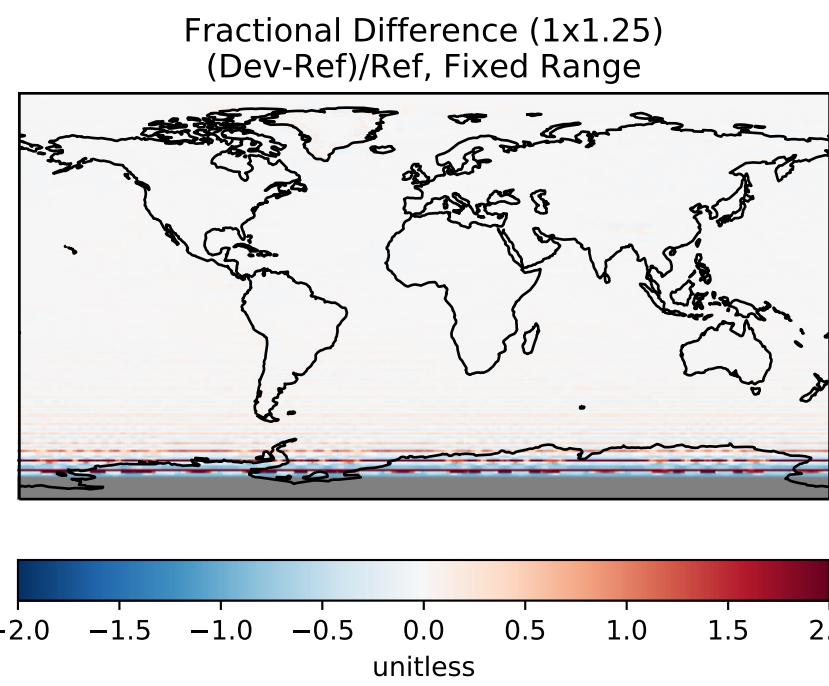
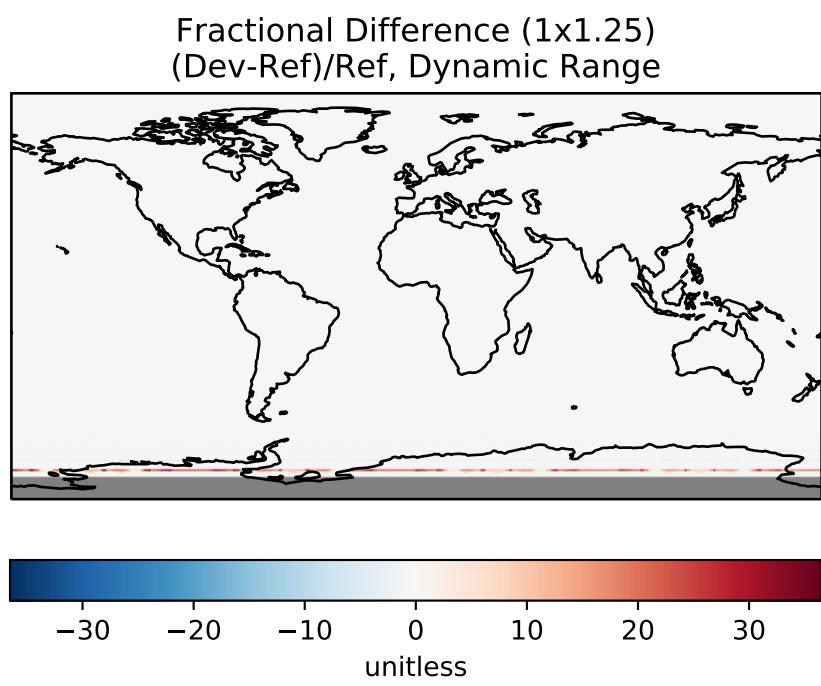
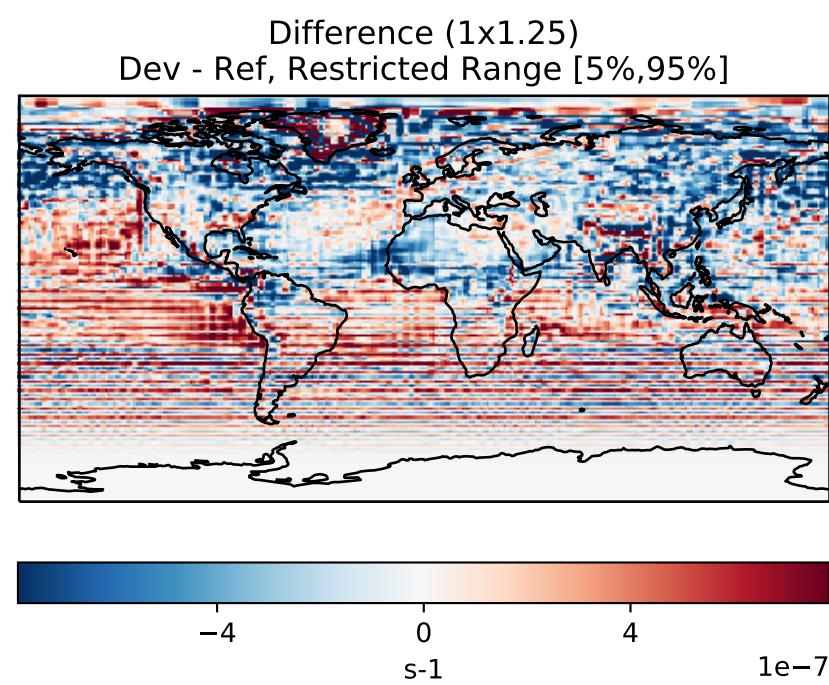
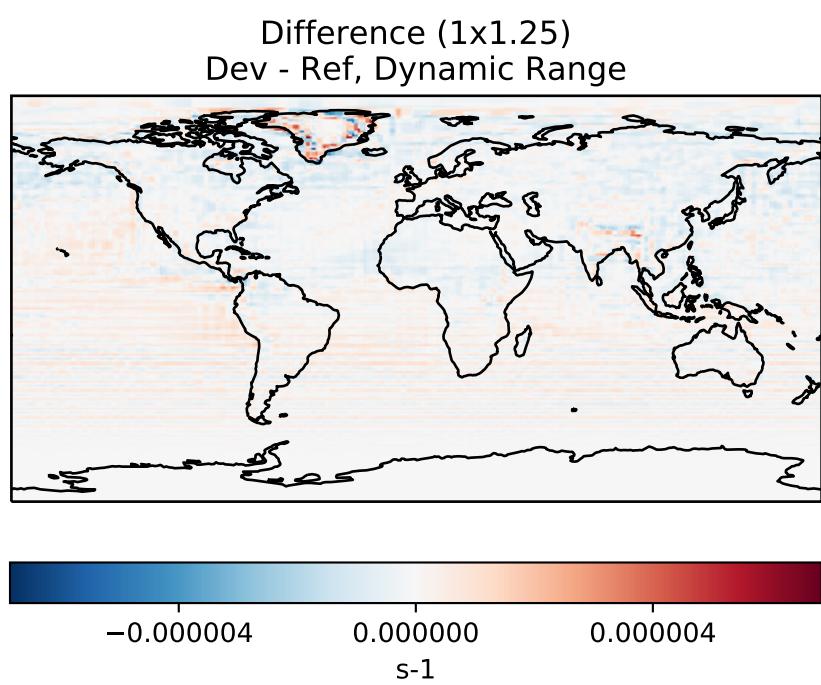
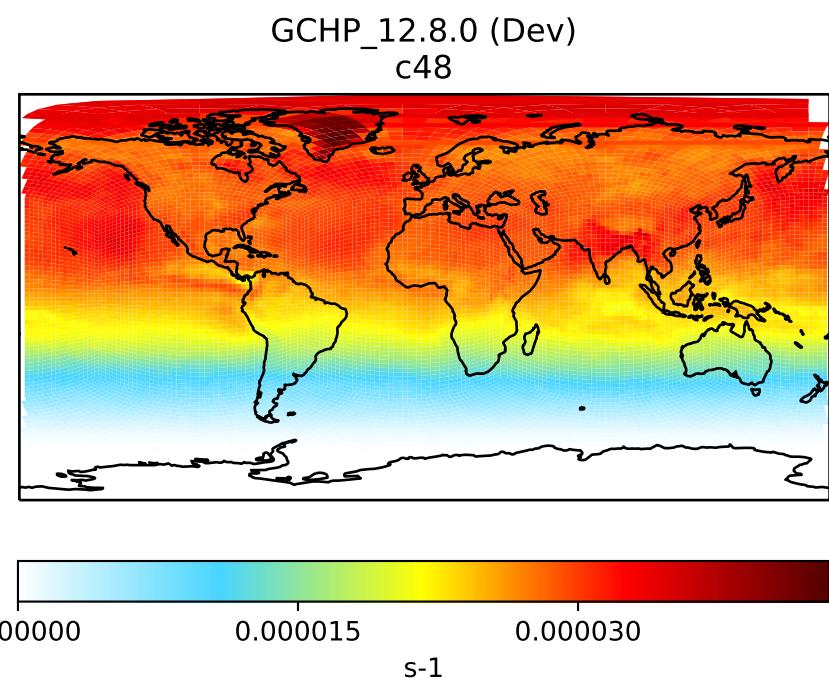
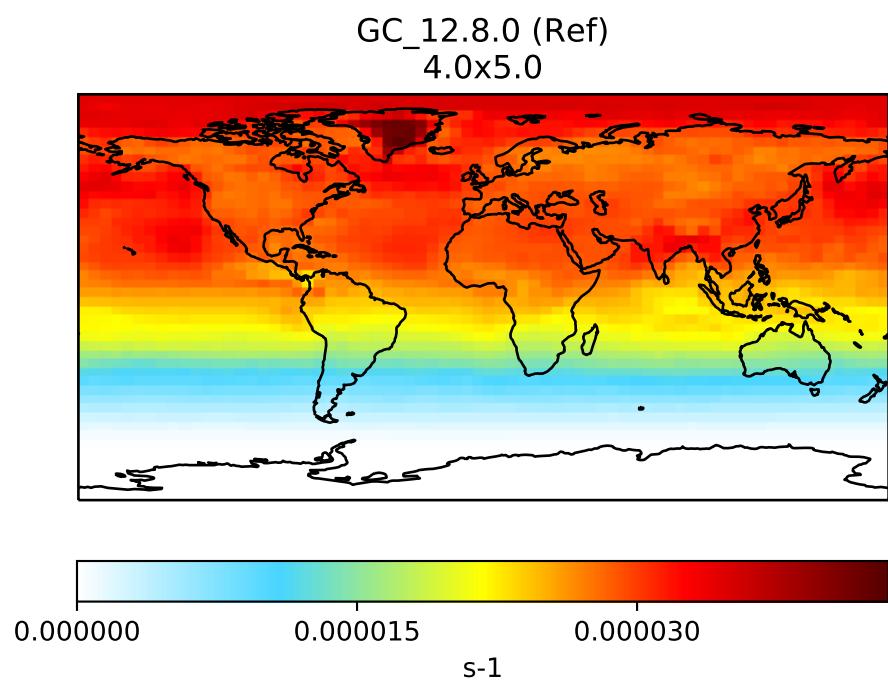
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Jval_RB3P

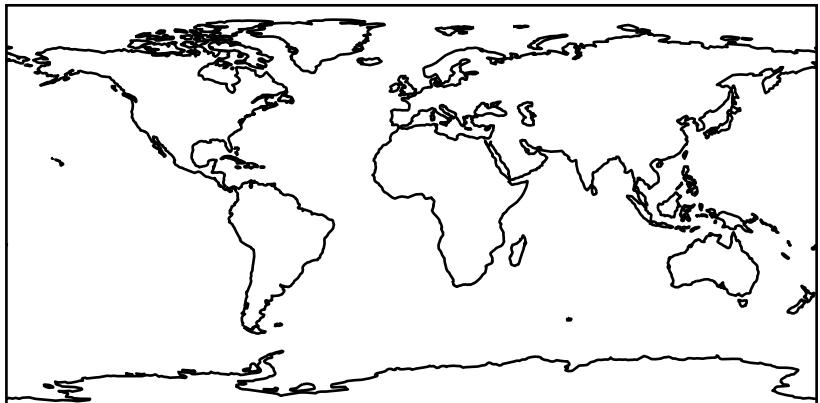


Jval_RCHO



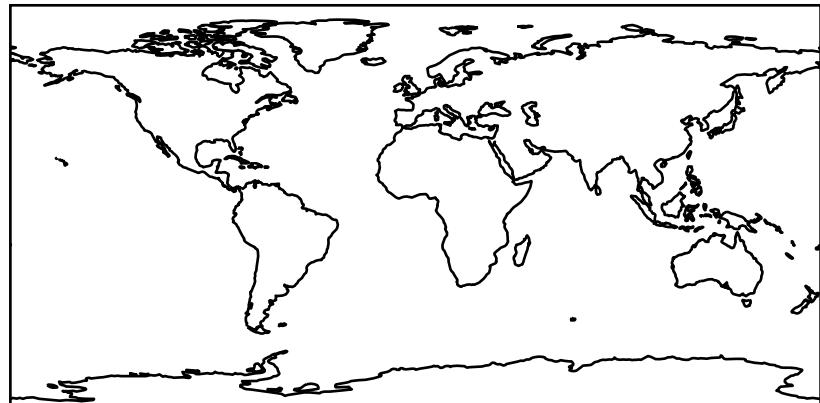
Jval_RIPA

GC_12.8.0 (Ref)
4.0x5.0



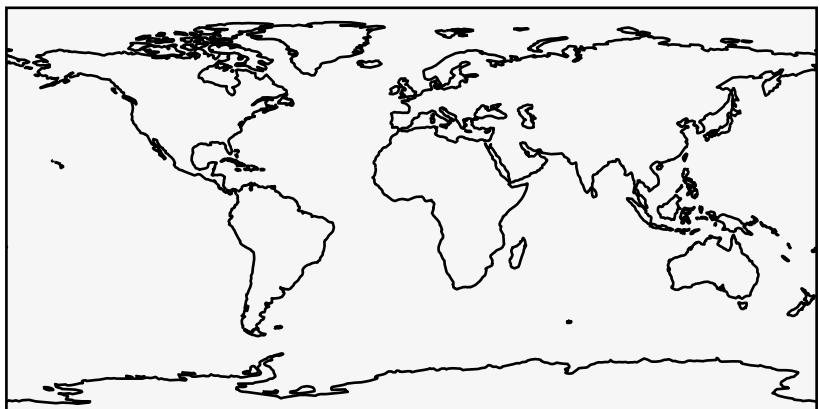
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s-1

GCHP_12.8.0 (Dev)
c48



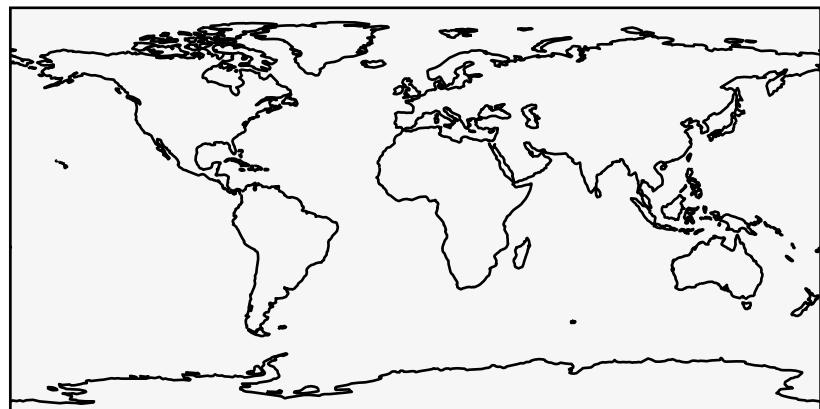
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Difference (1x1.25)
Dev - Ref, Dynamic Range



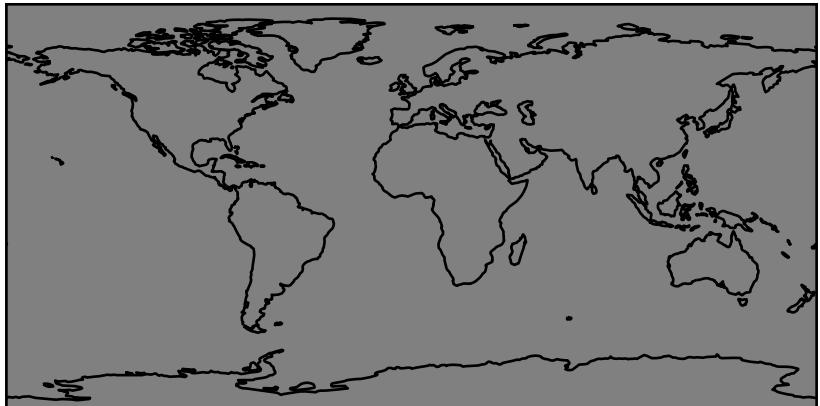
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s-1

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



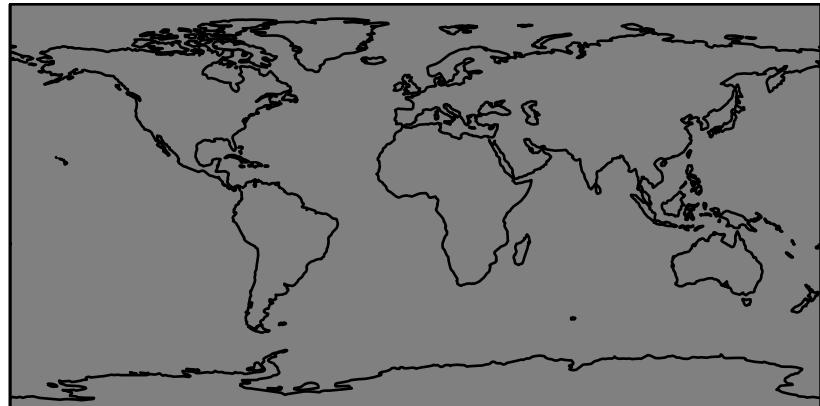
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s-1

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



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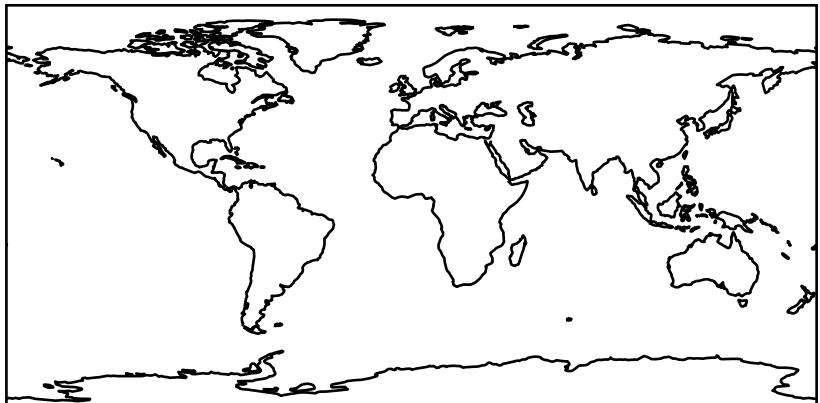
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



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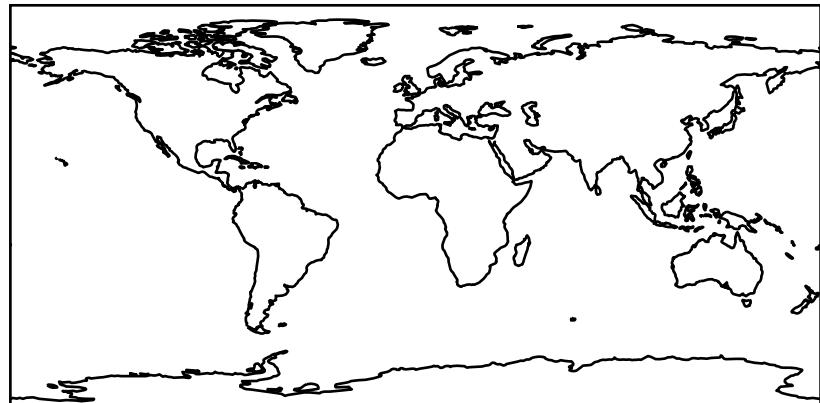
Jval_RIPB

GC_12.8.0 (Ref)
4.0x5.0



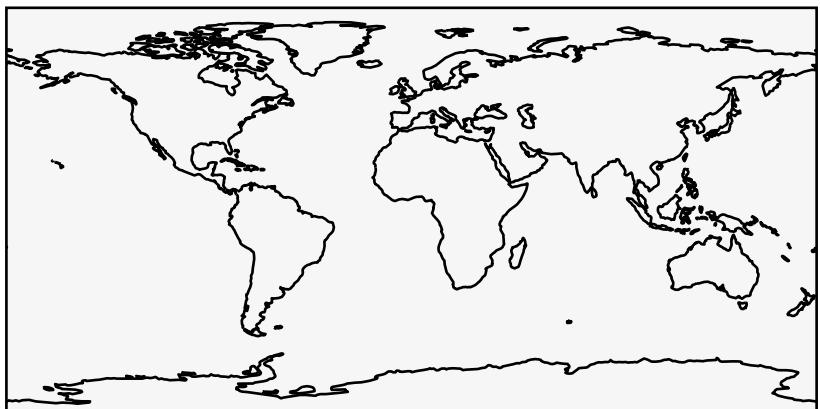
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GCHP_12.8.0 (Dev)
c48



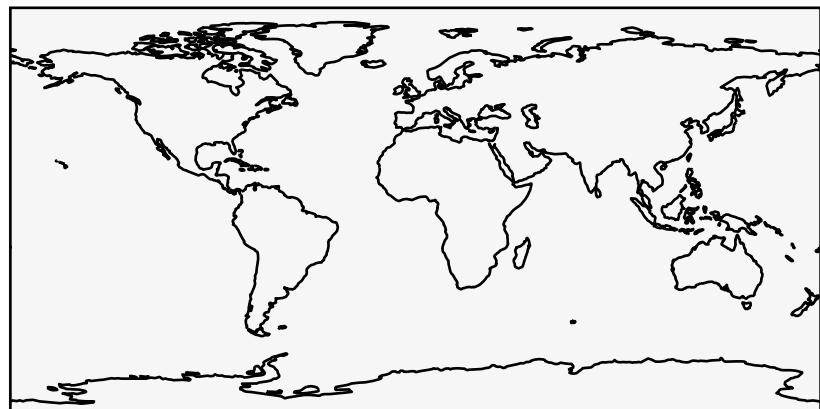
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s-1

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



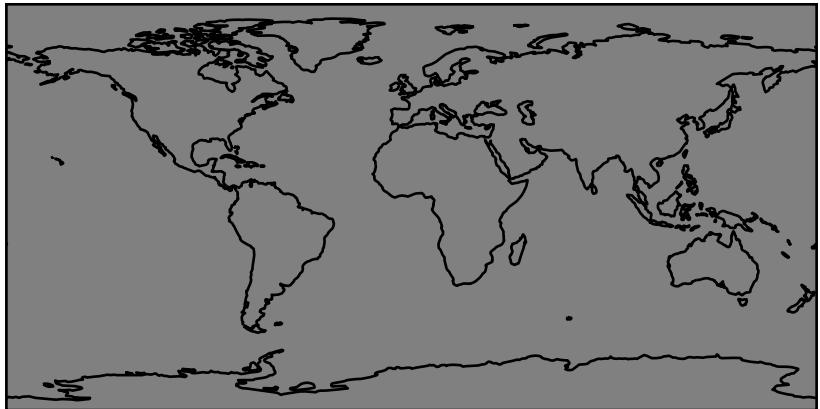
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Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



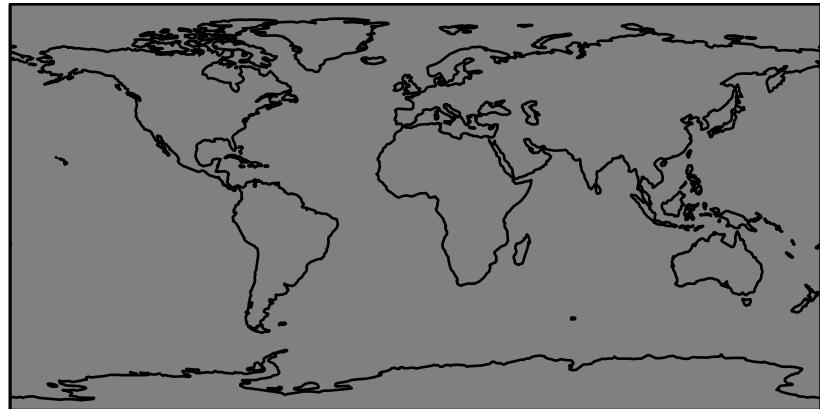
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s-1

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



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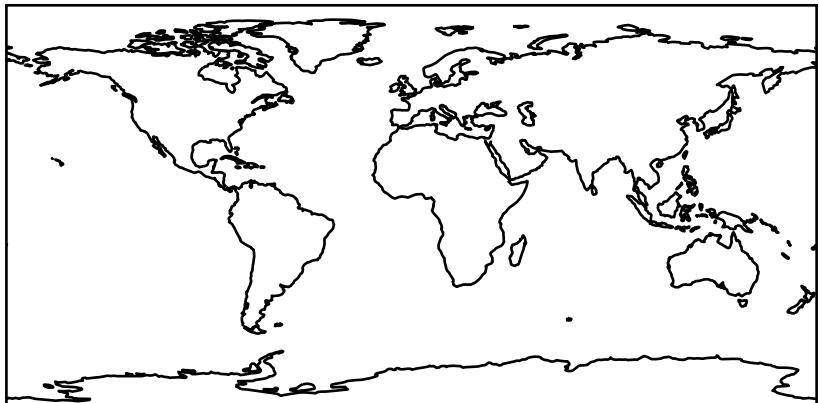
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



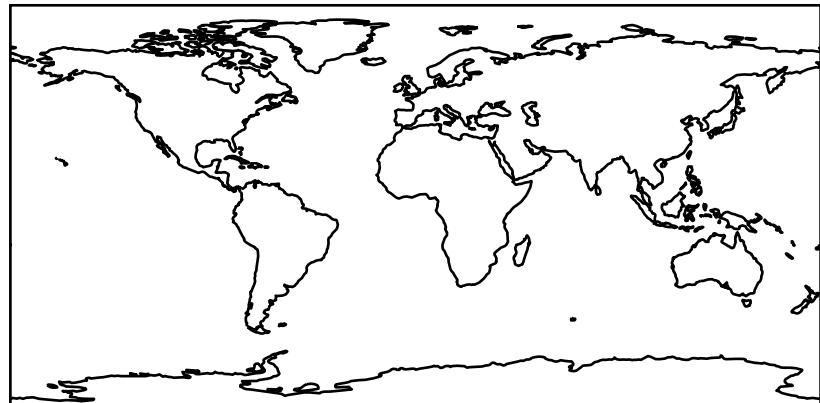
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Jval_RIPC

GC_12.8.0 (Ref)
4.0x5.0



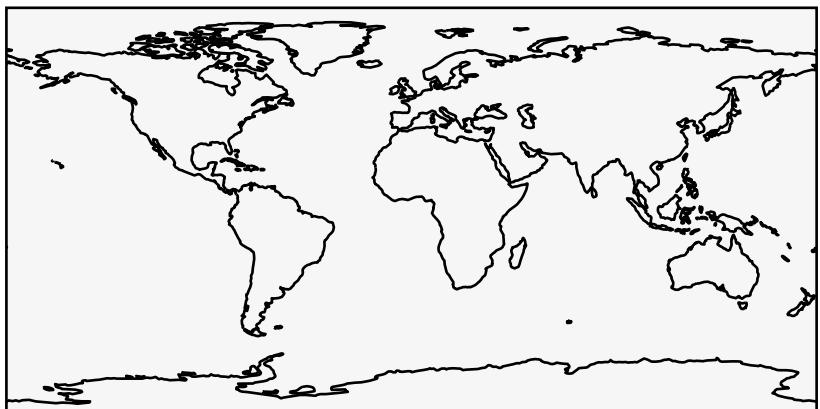
GCHP_12.8.0 (Dev)
c48



Zero throughout domain
s-1

Zero throughout domain
s-1

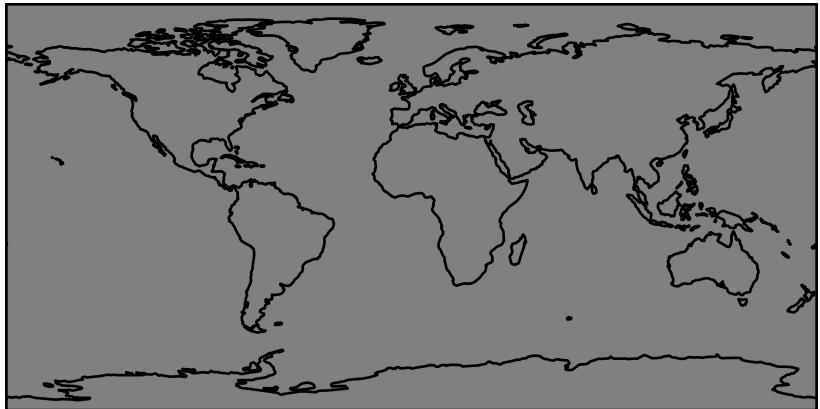
Difference (1x1.25)
Dev - Ref, Dynamic Range



Zero throughout domain
s-1

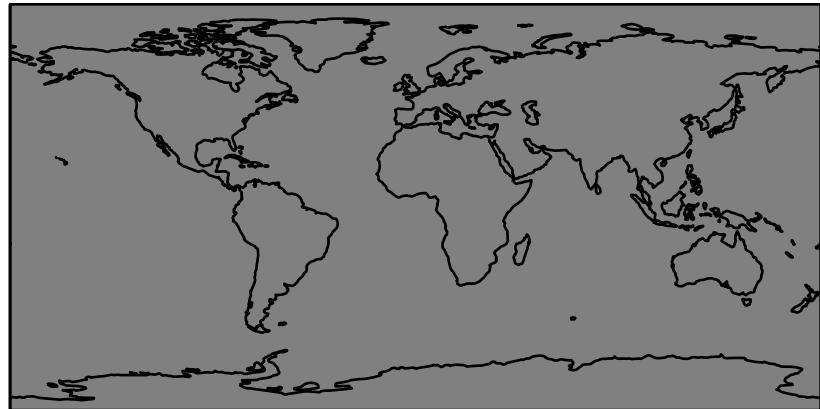
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Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



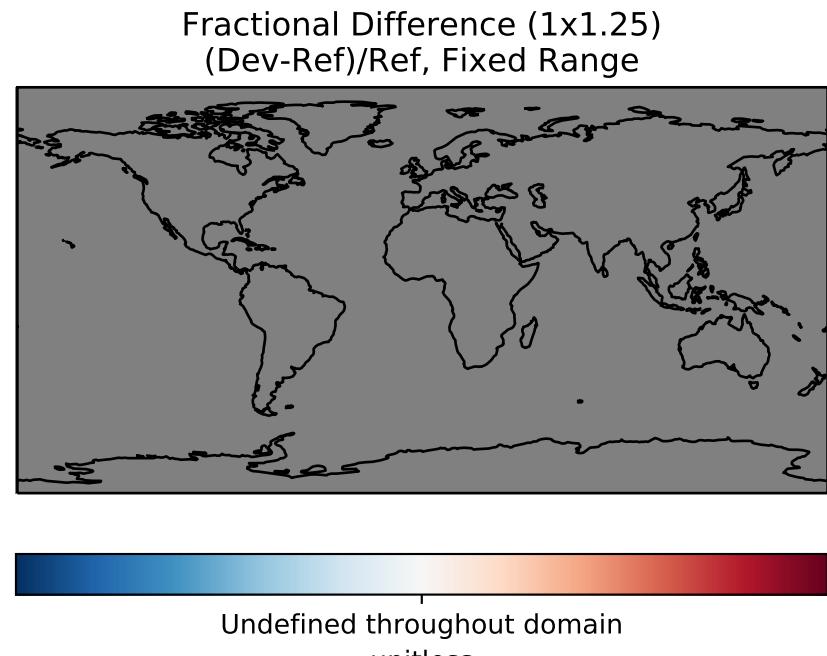
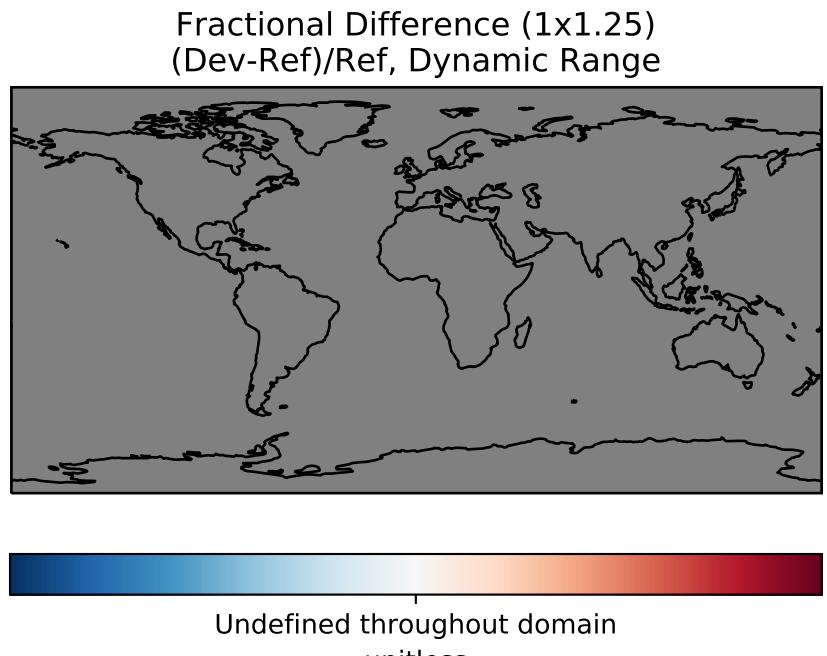
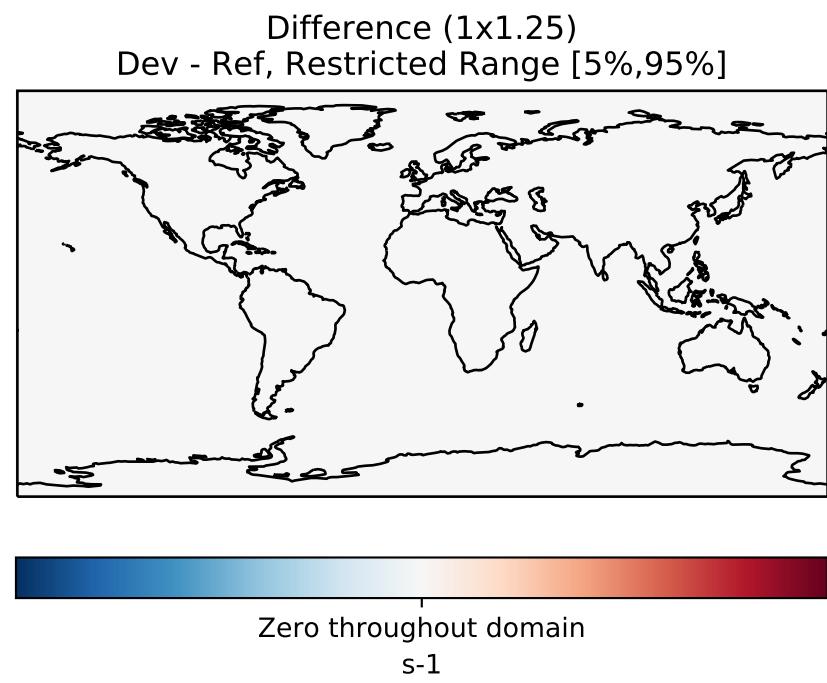
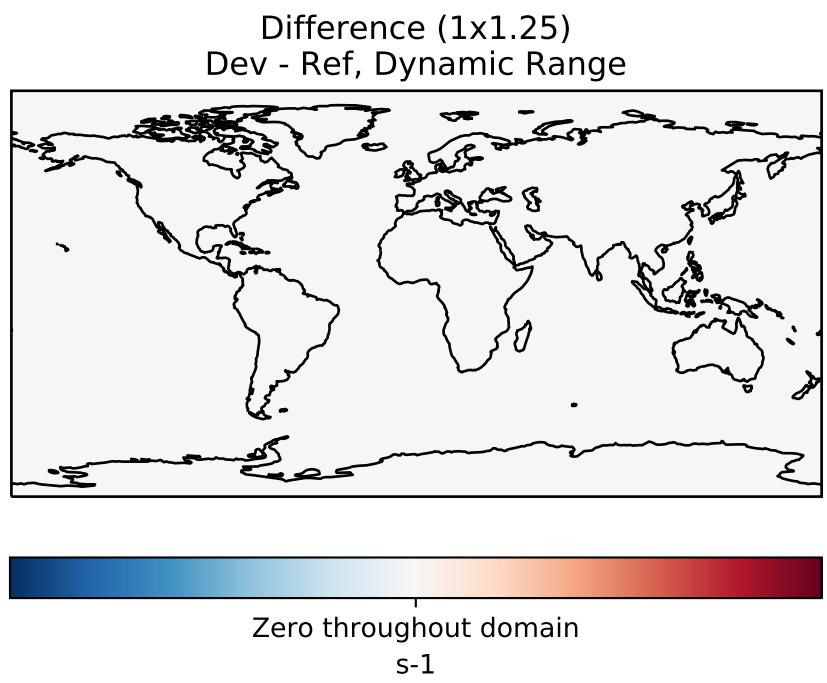
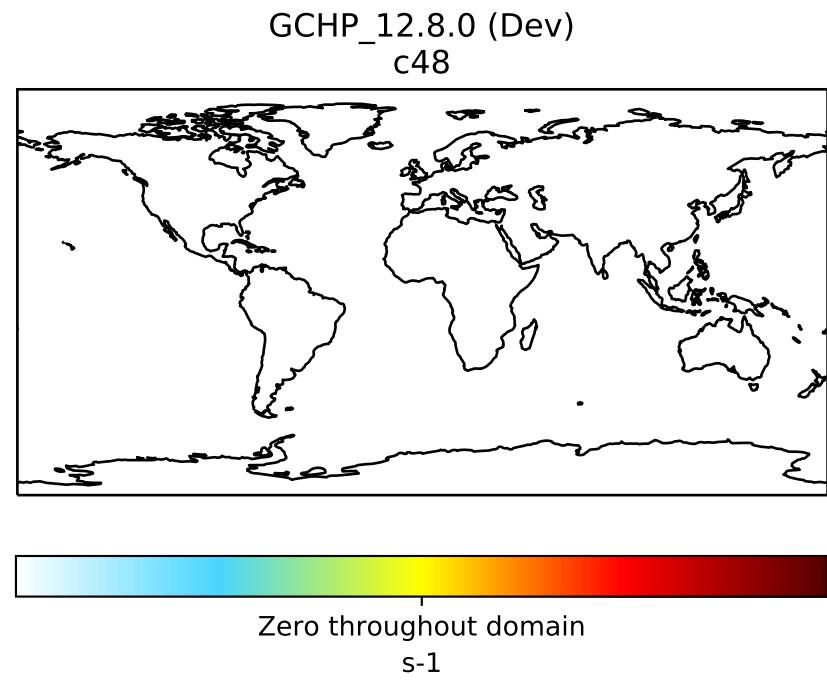
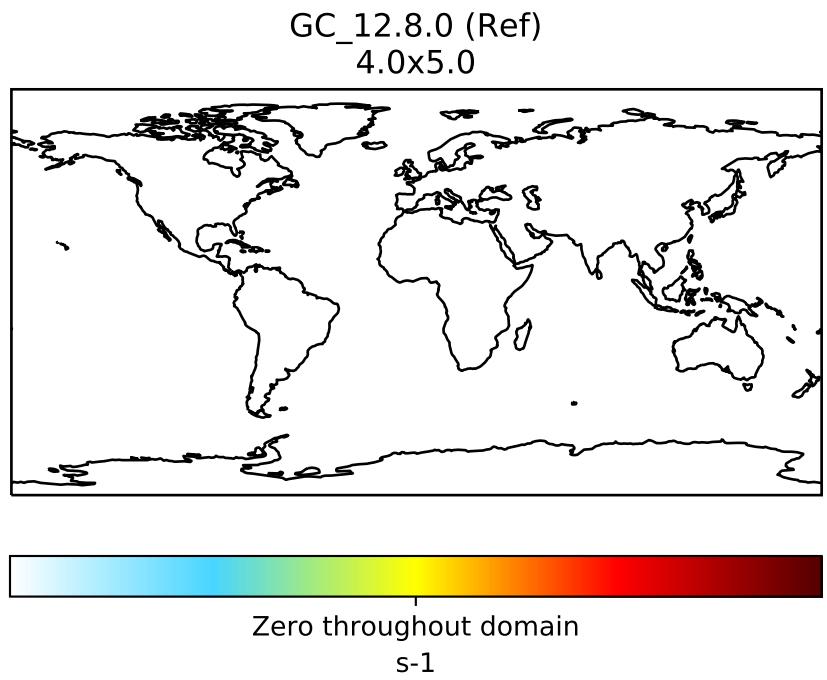
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Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

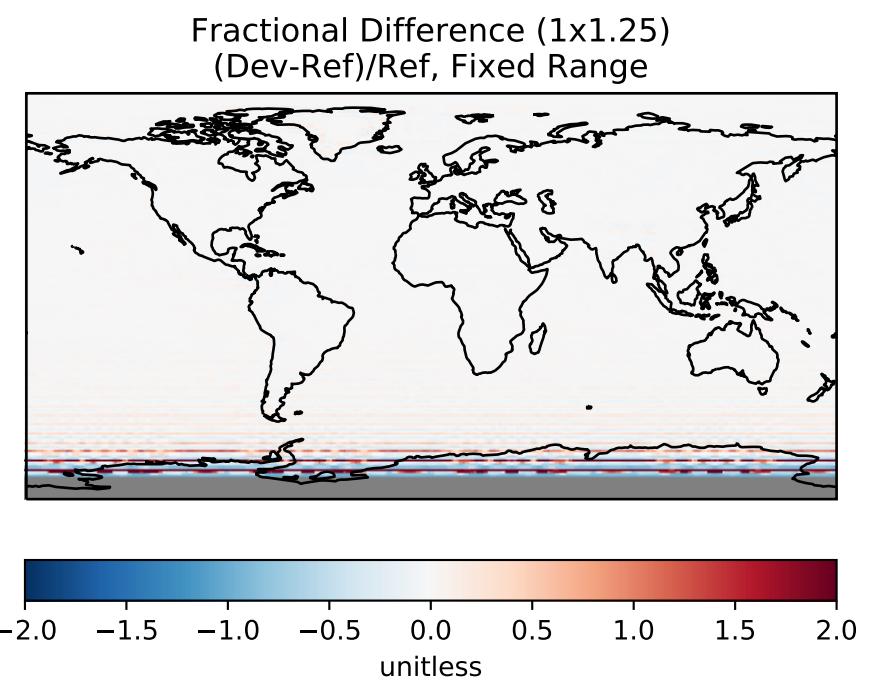
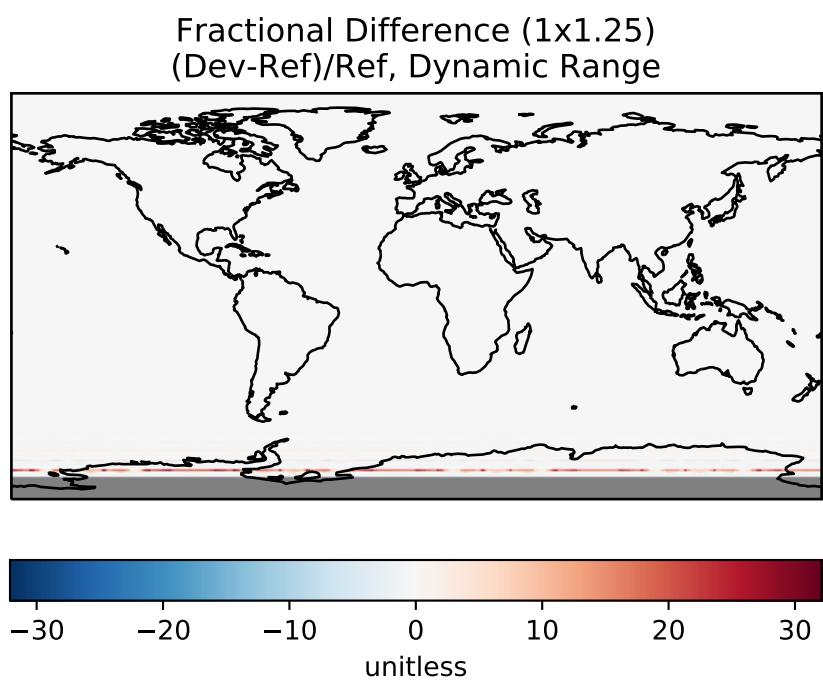
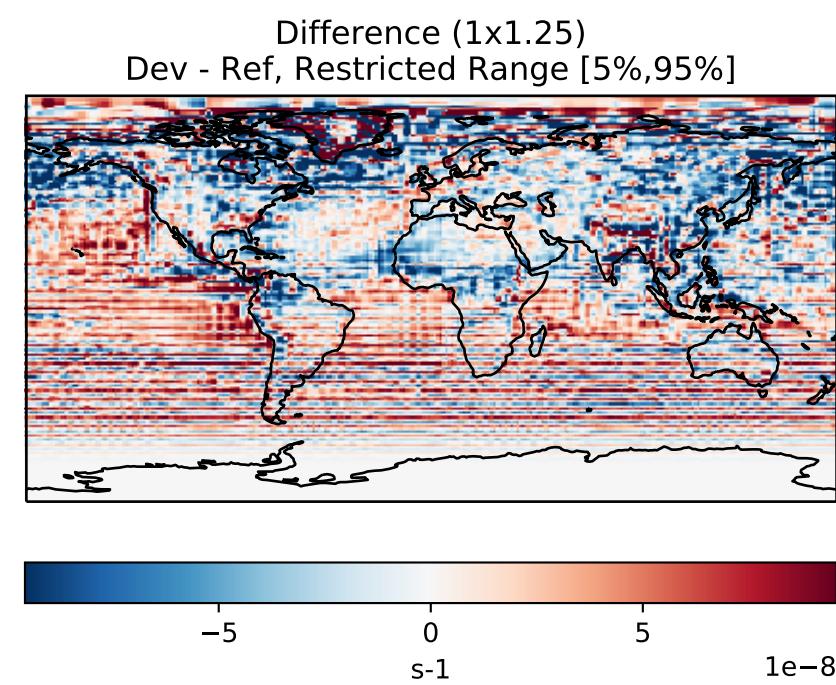
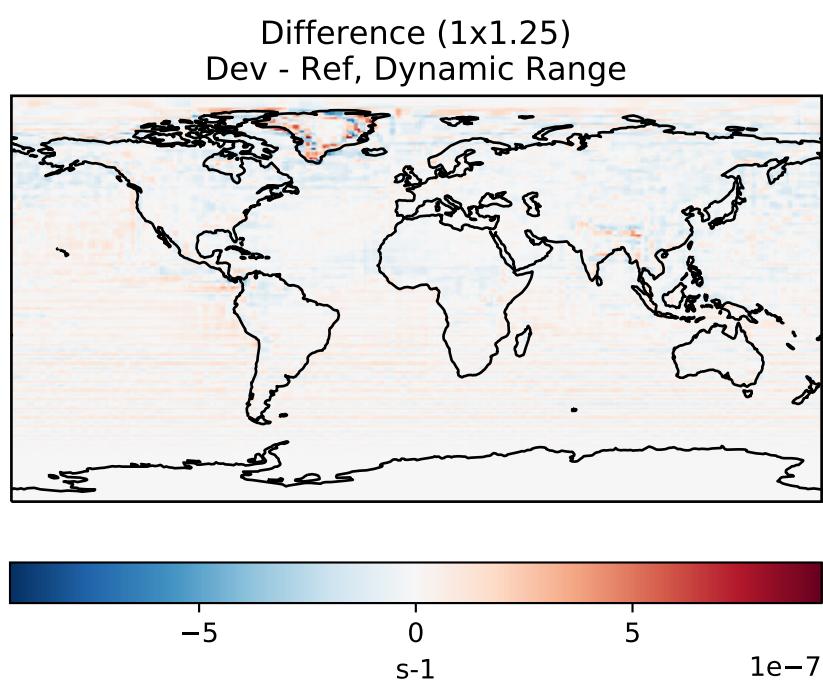
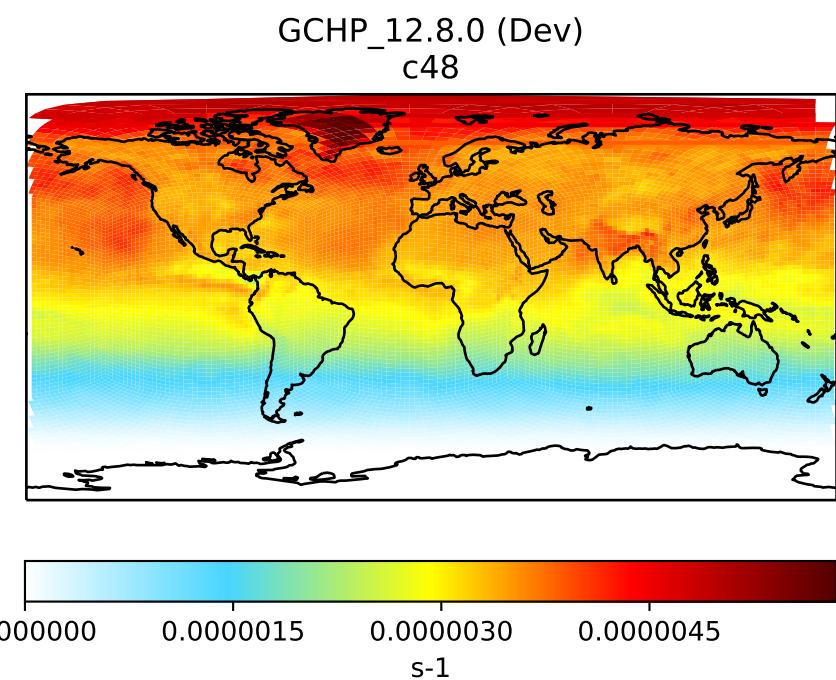
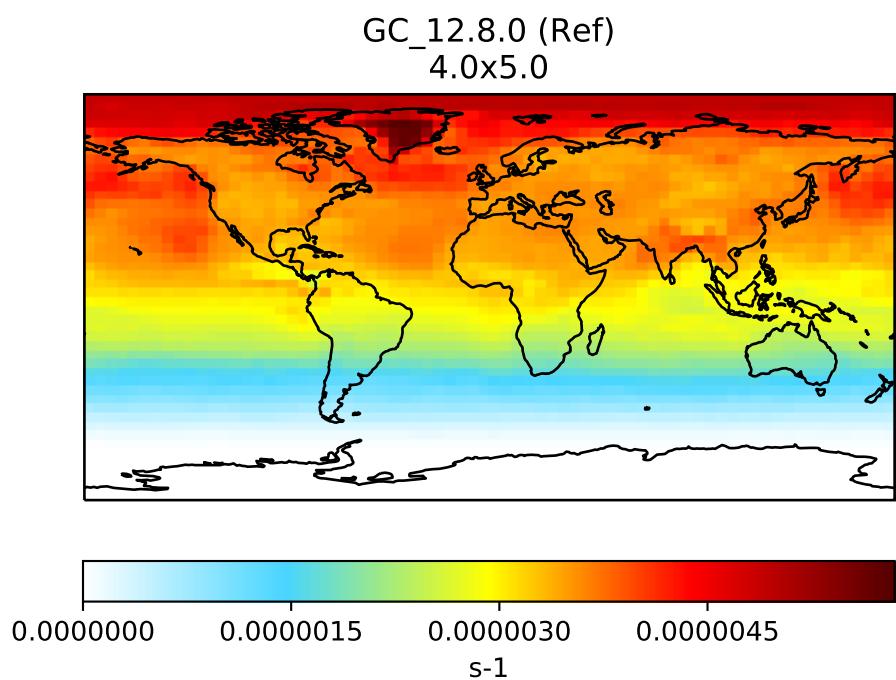


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Jval_RIPD



Jval_RP



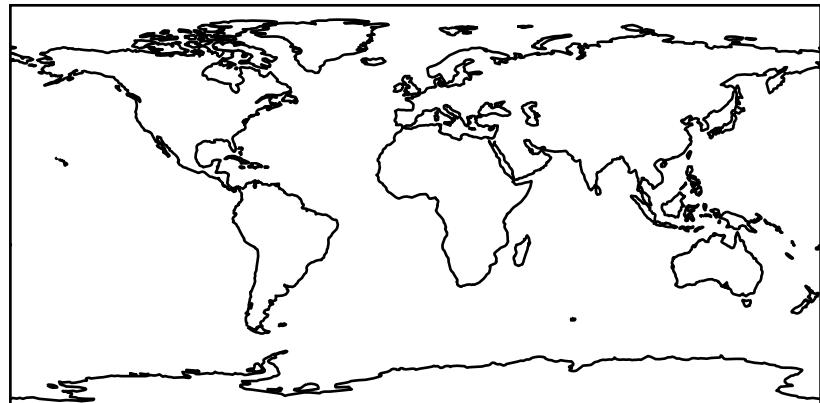
Jval_SO4

GC_12.8.0 (Ref)
4.0x5.0



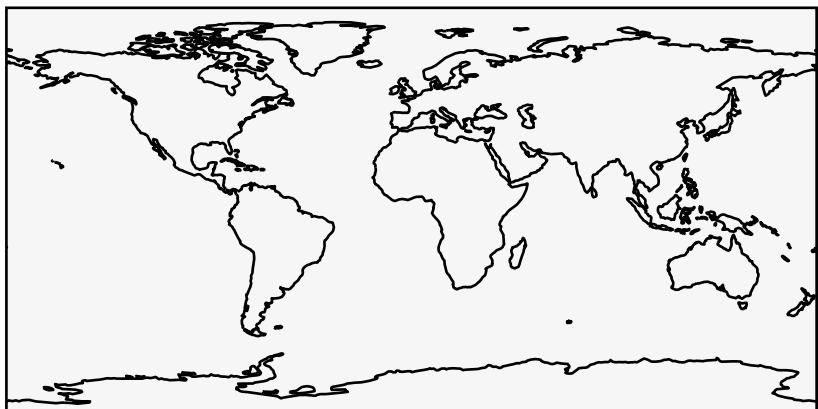
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GCHP_12.8.0 (Dev)
c48



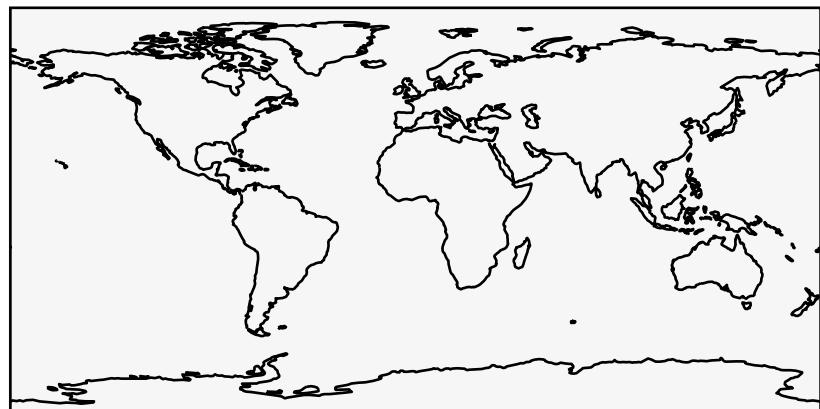
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Difference (1x1.25)
Dev - Ref, Dynamic Range



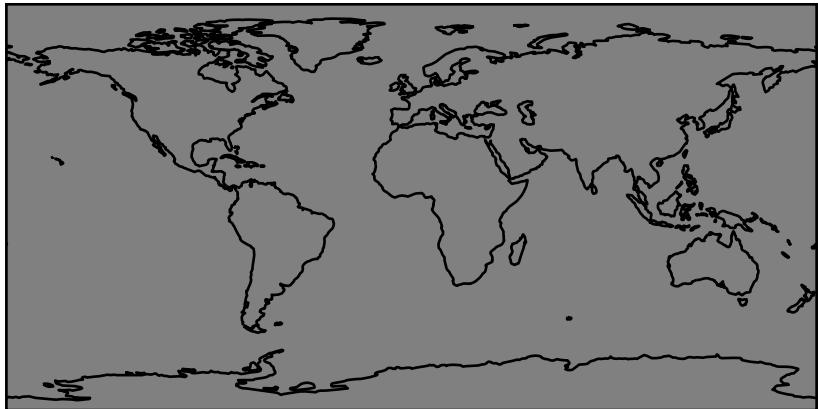
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Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



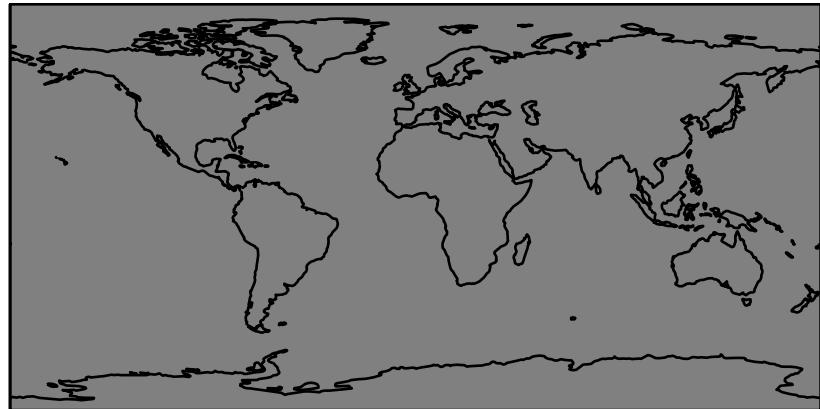
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Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



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Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



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