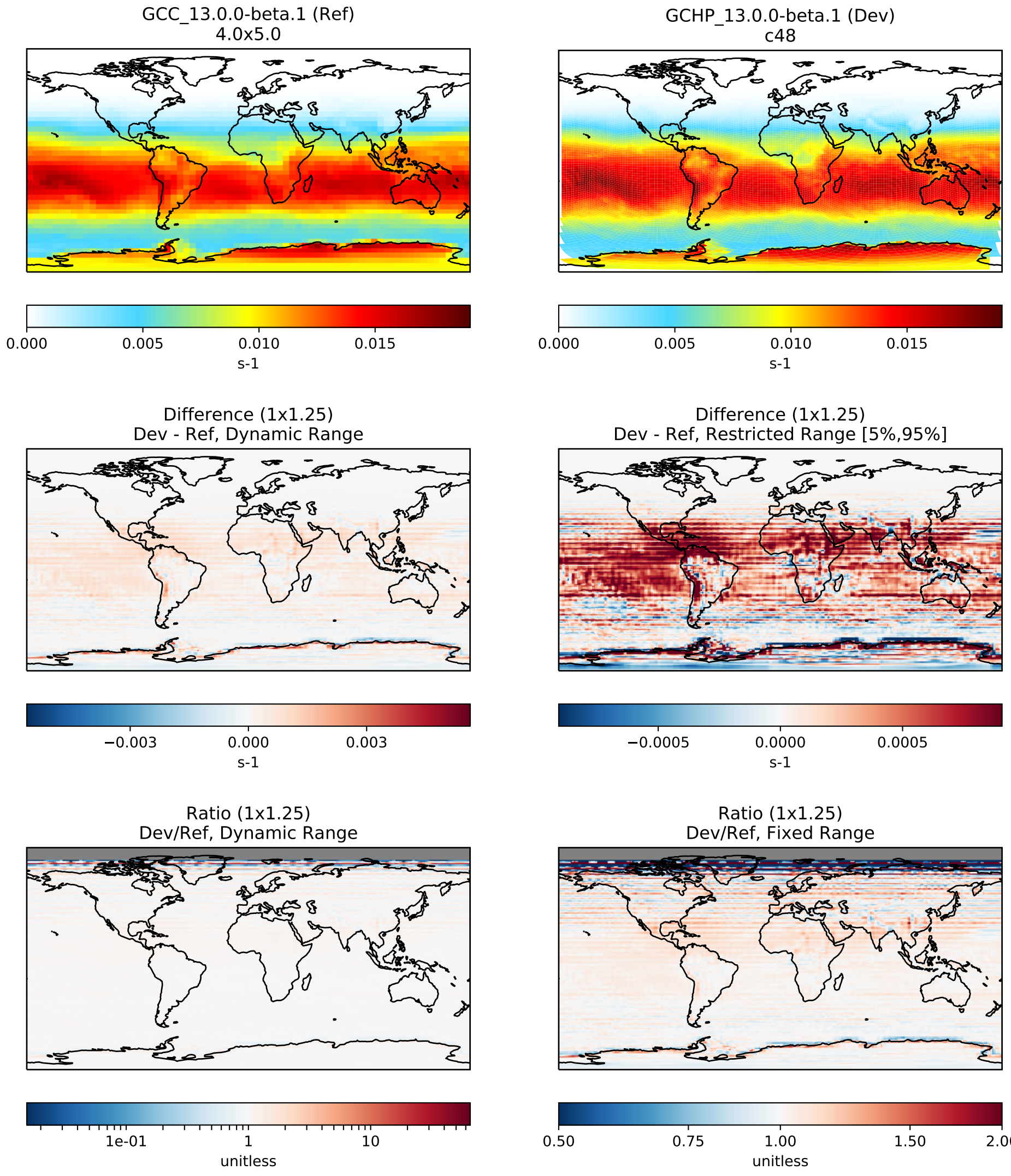
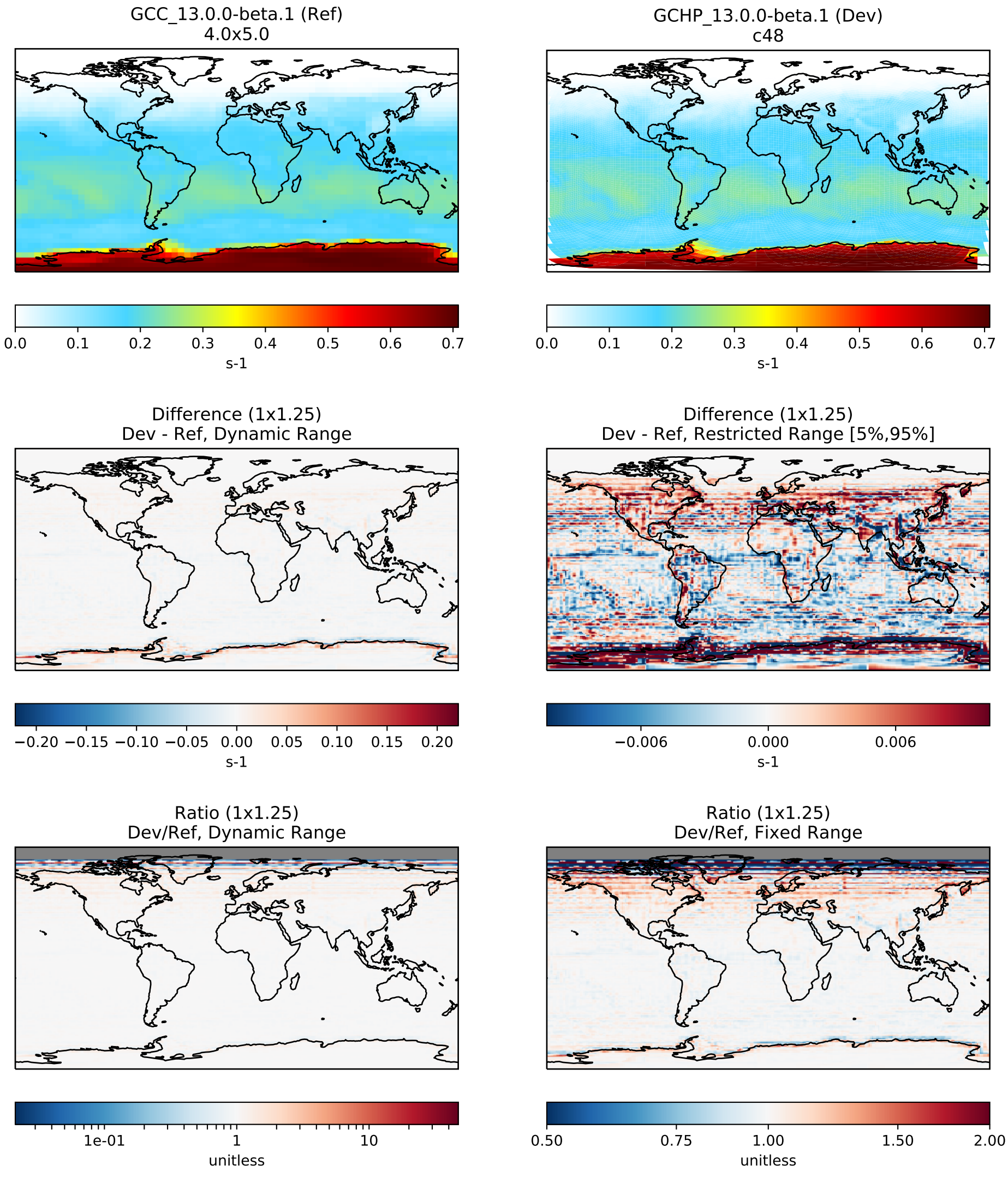
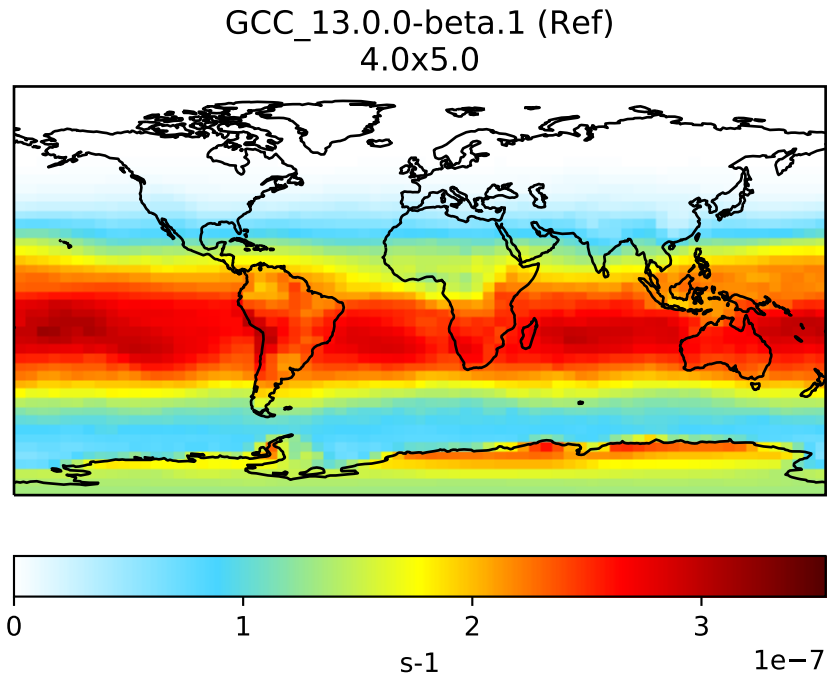
JvalO3O1D (Jan2019)

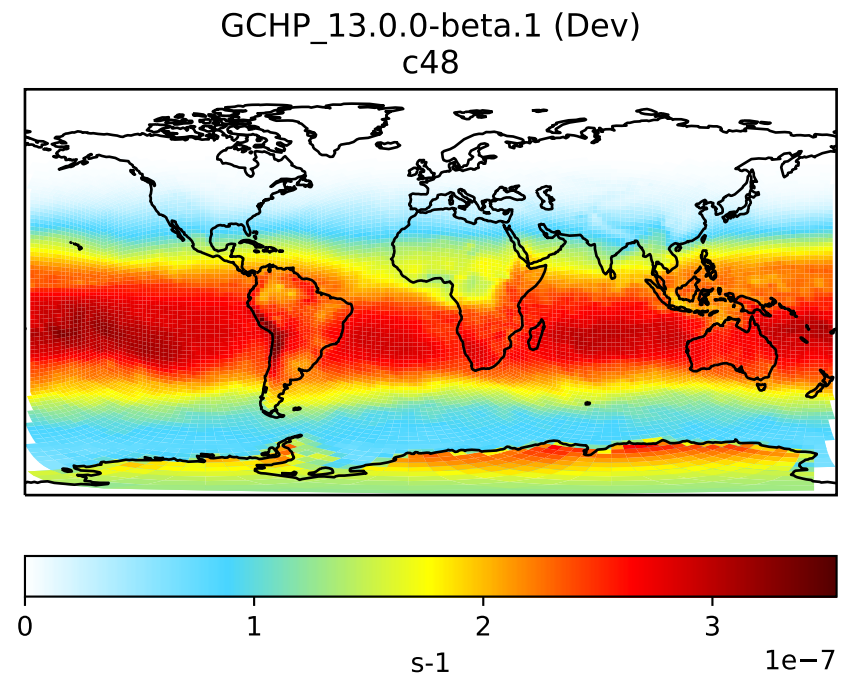


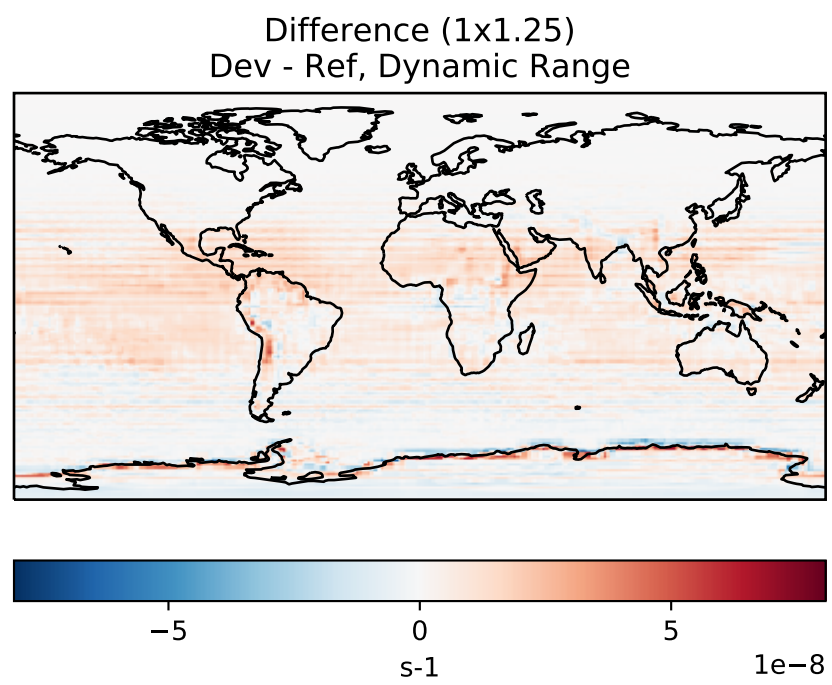
JvalO3O3P (Jan2019)

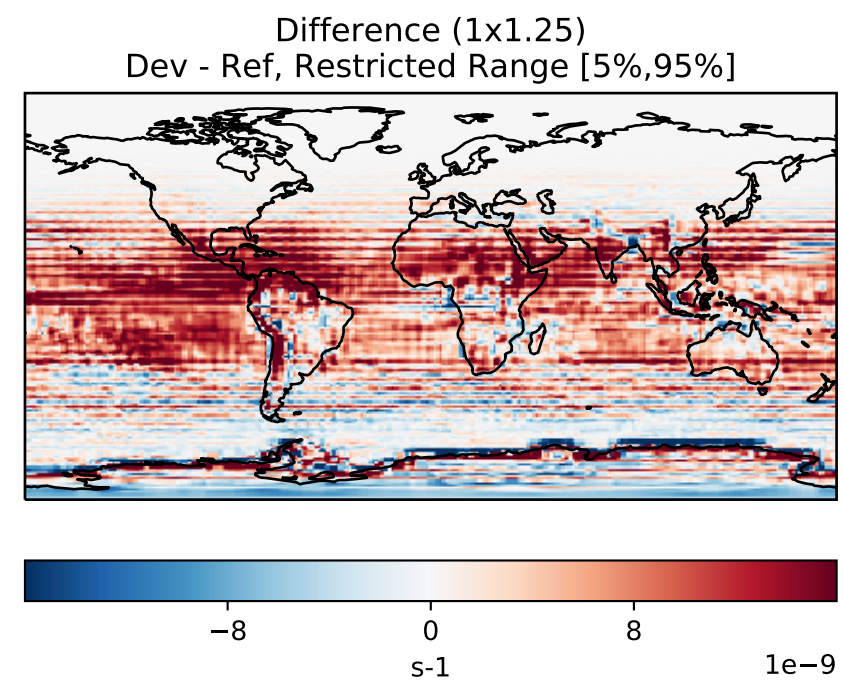


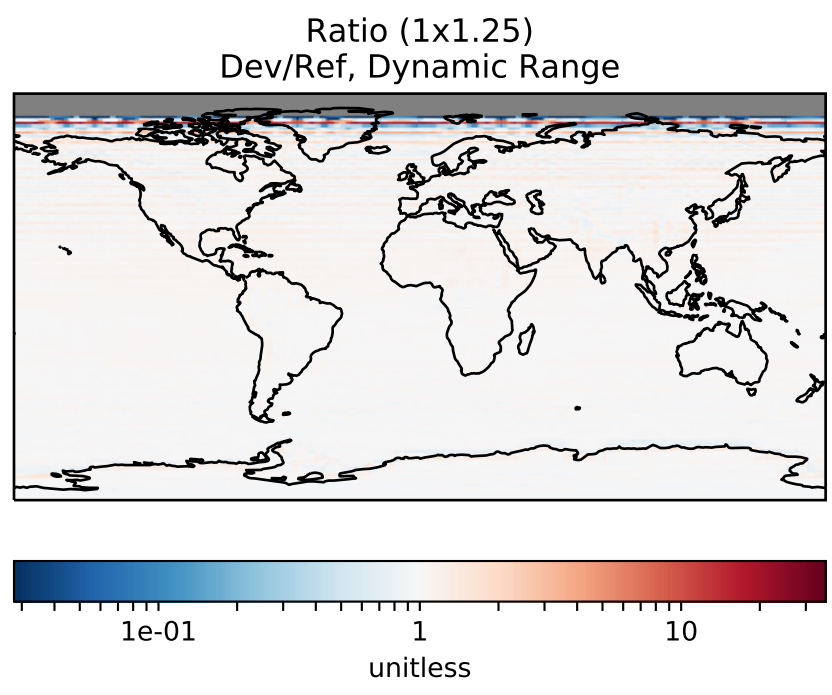
Jval_ACET (Jan2019)

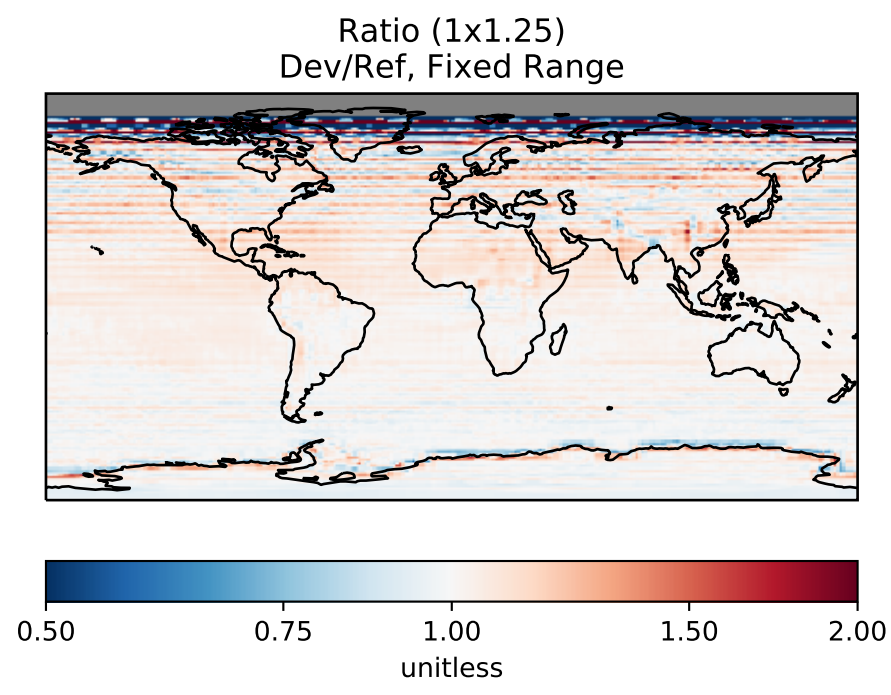




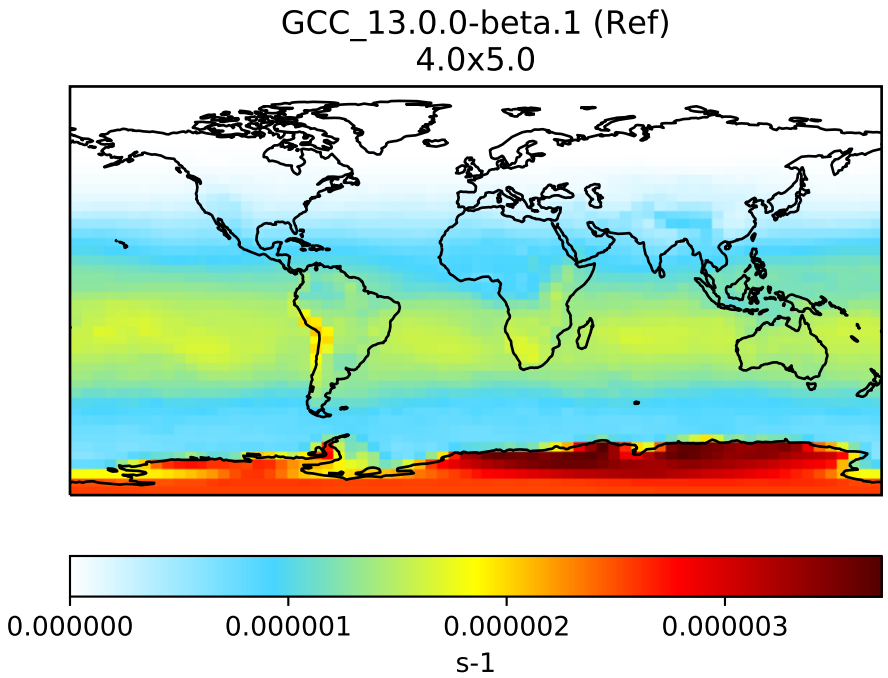


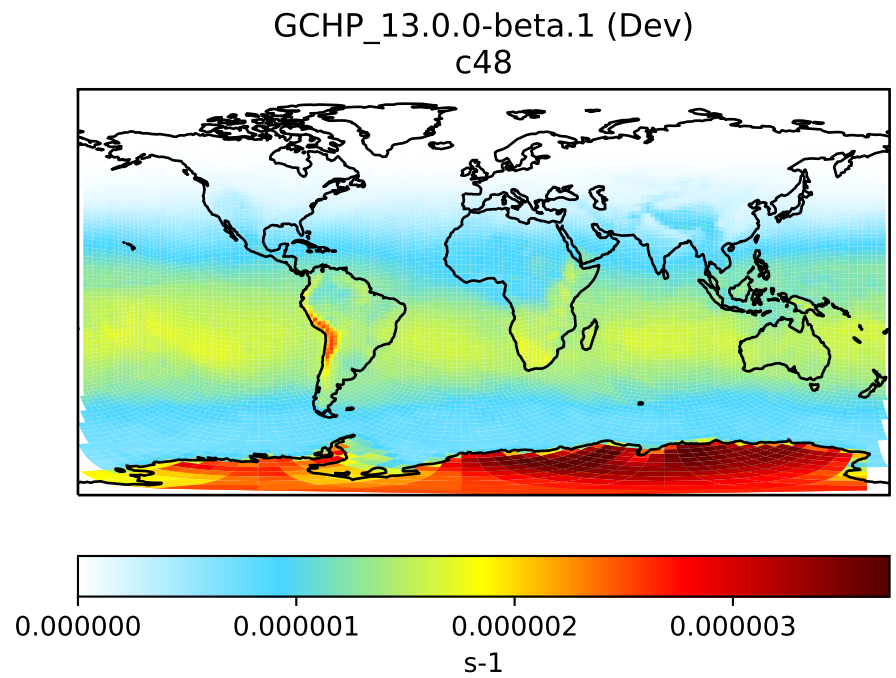


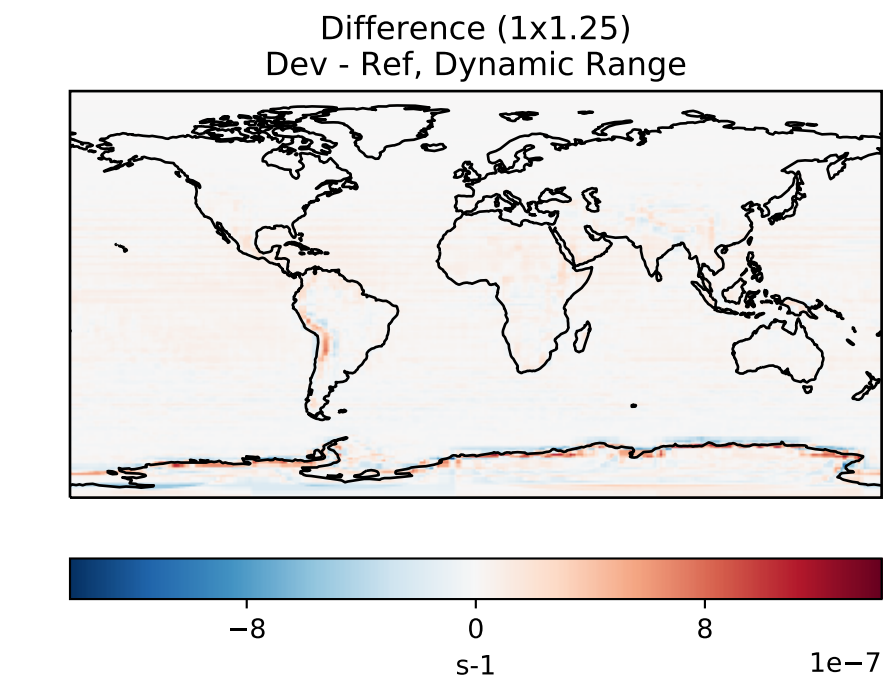


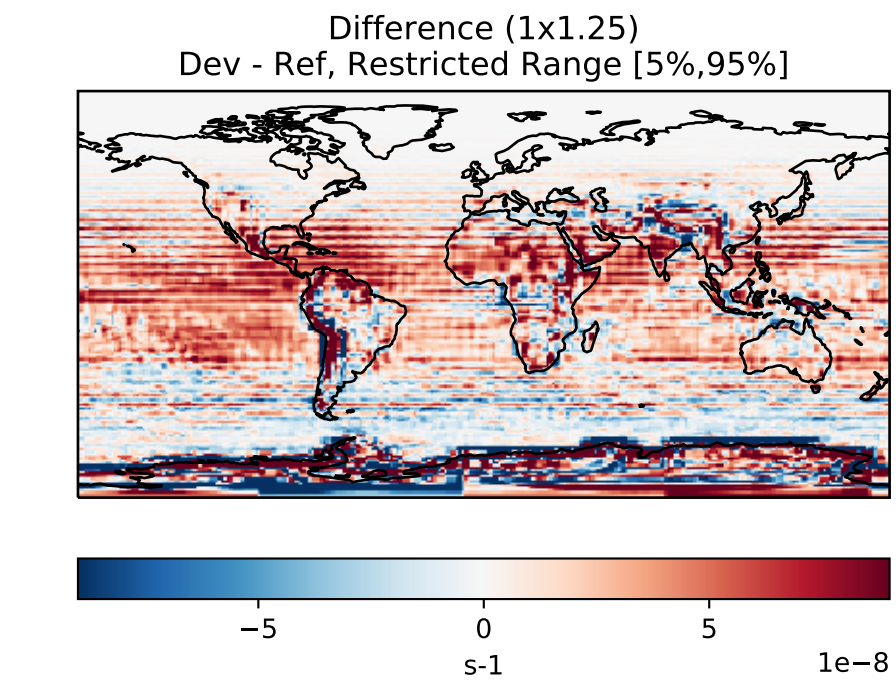


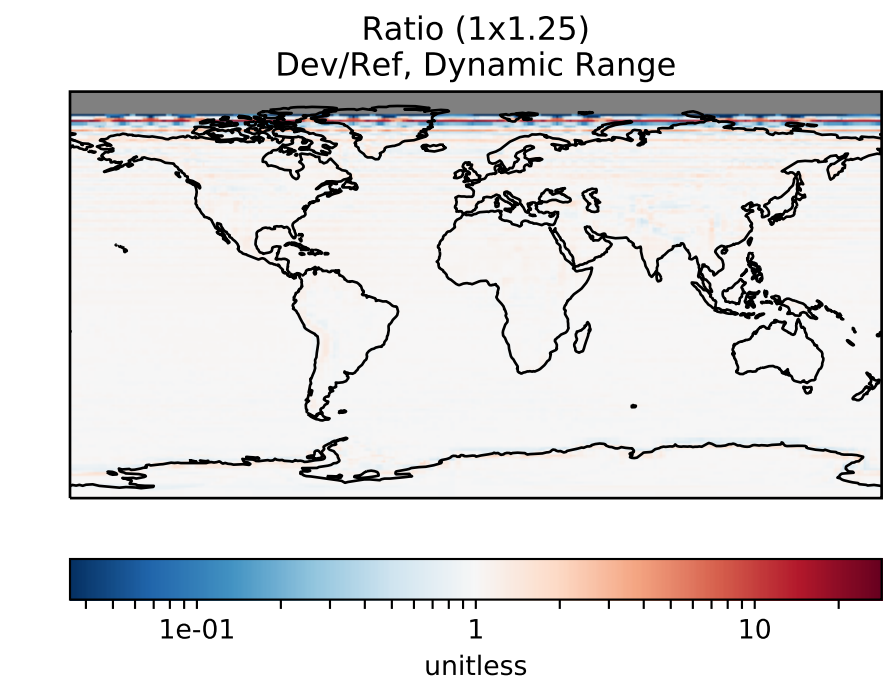
Jval_ALD2 (Jan2019)

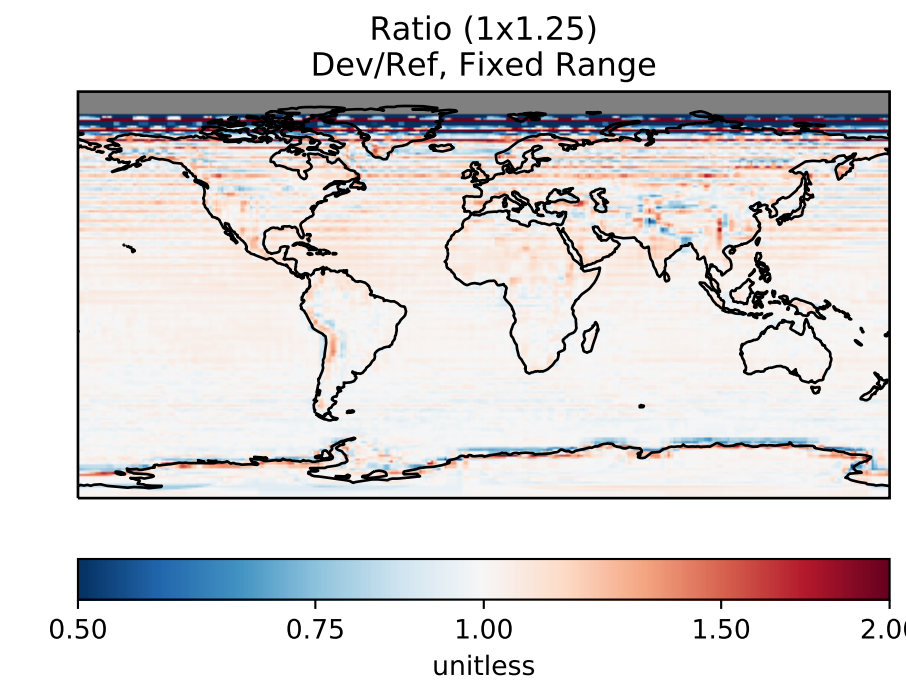




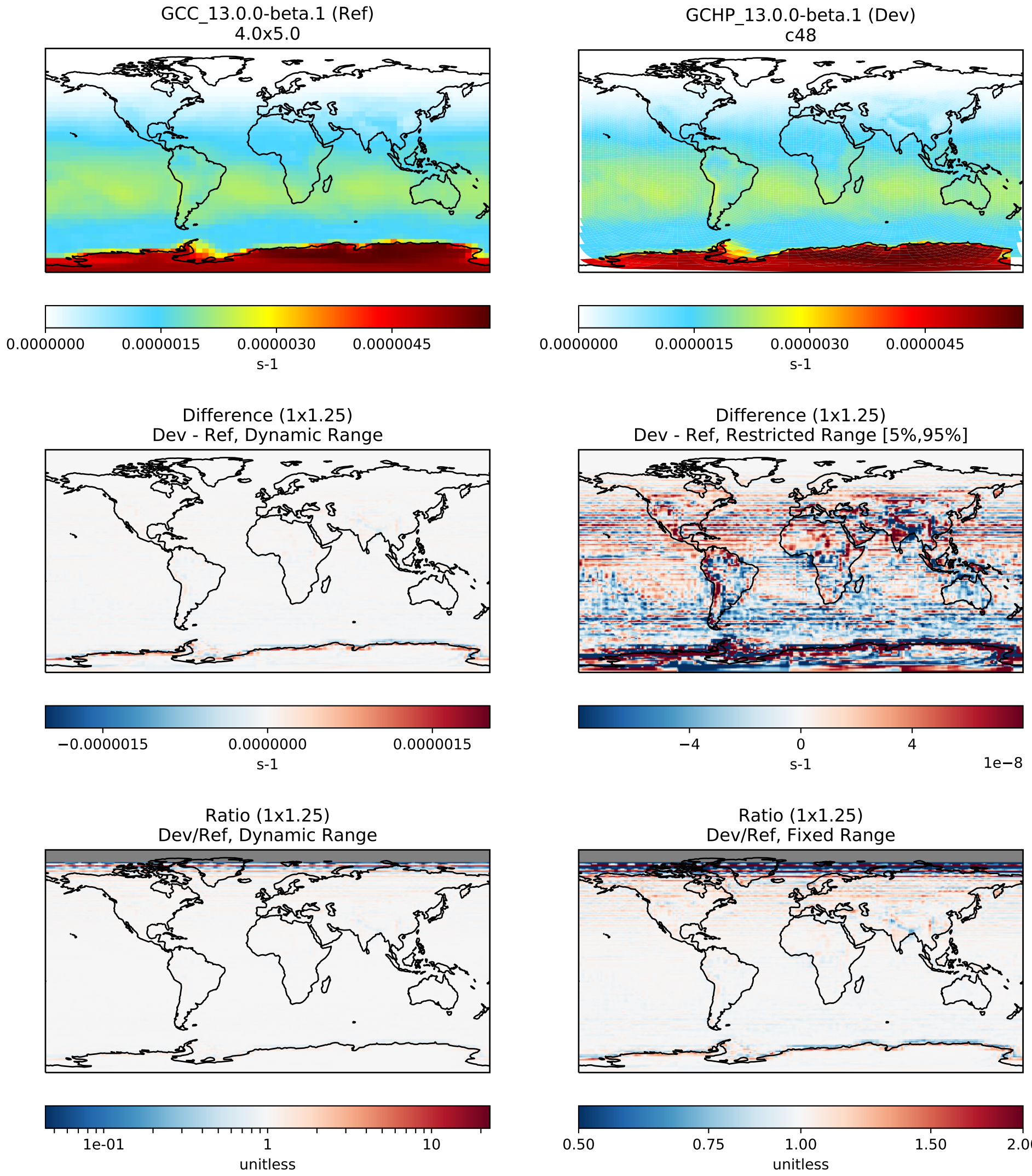




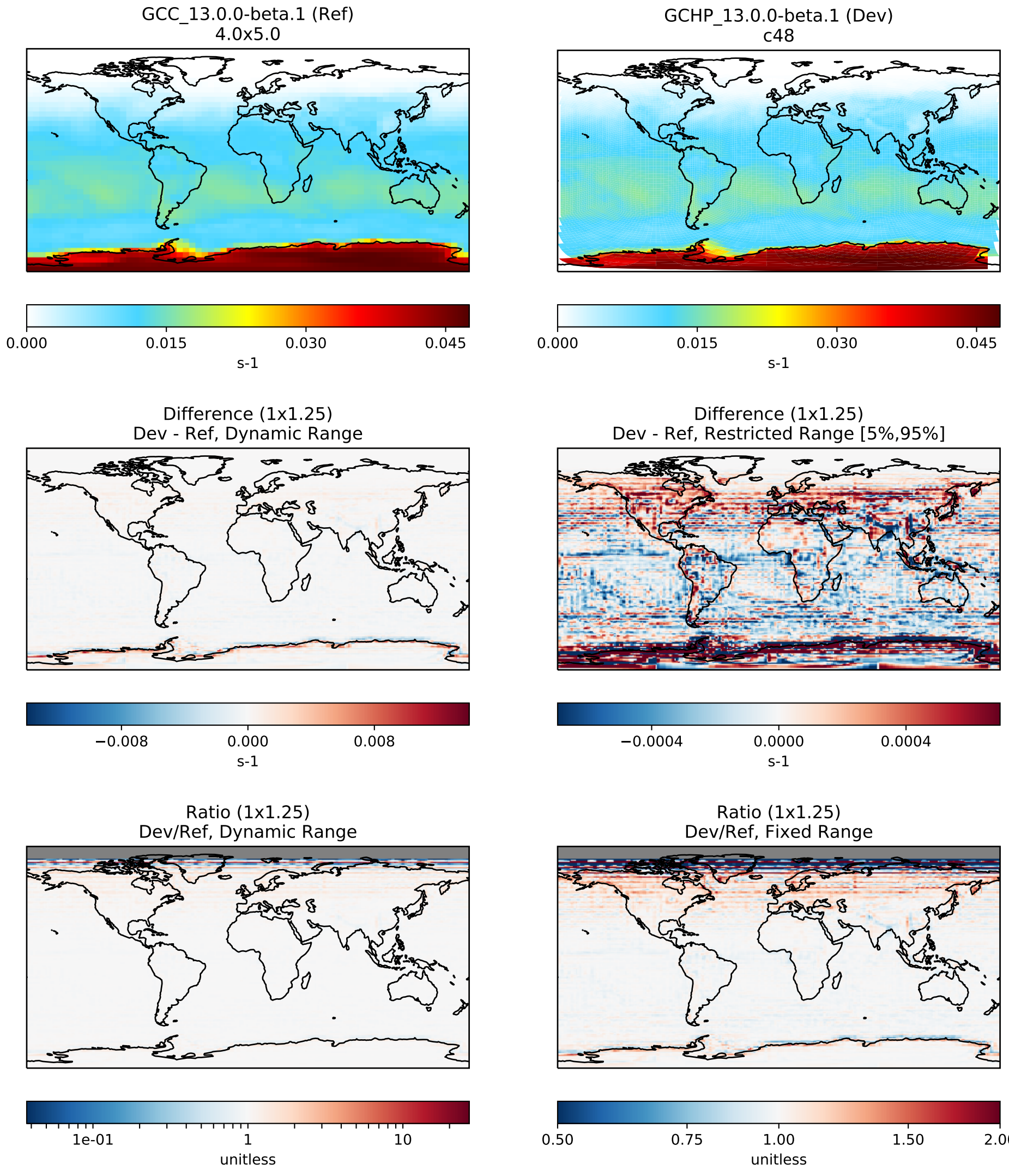




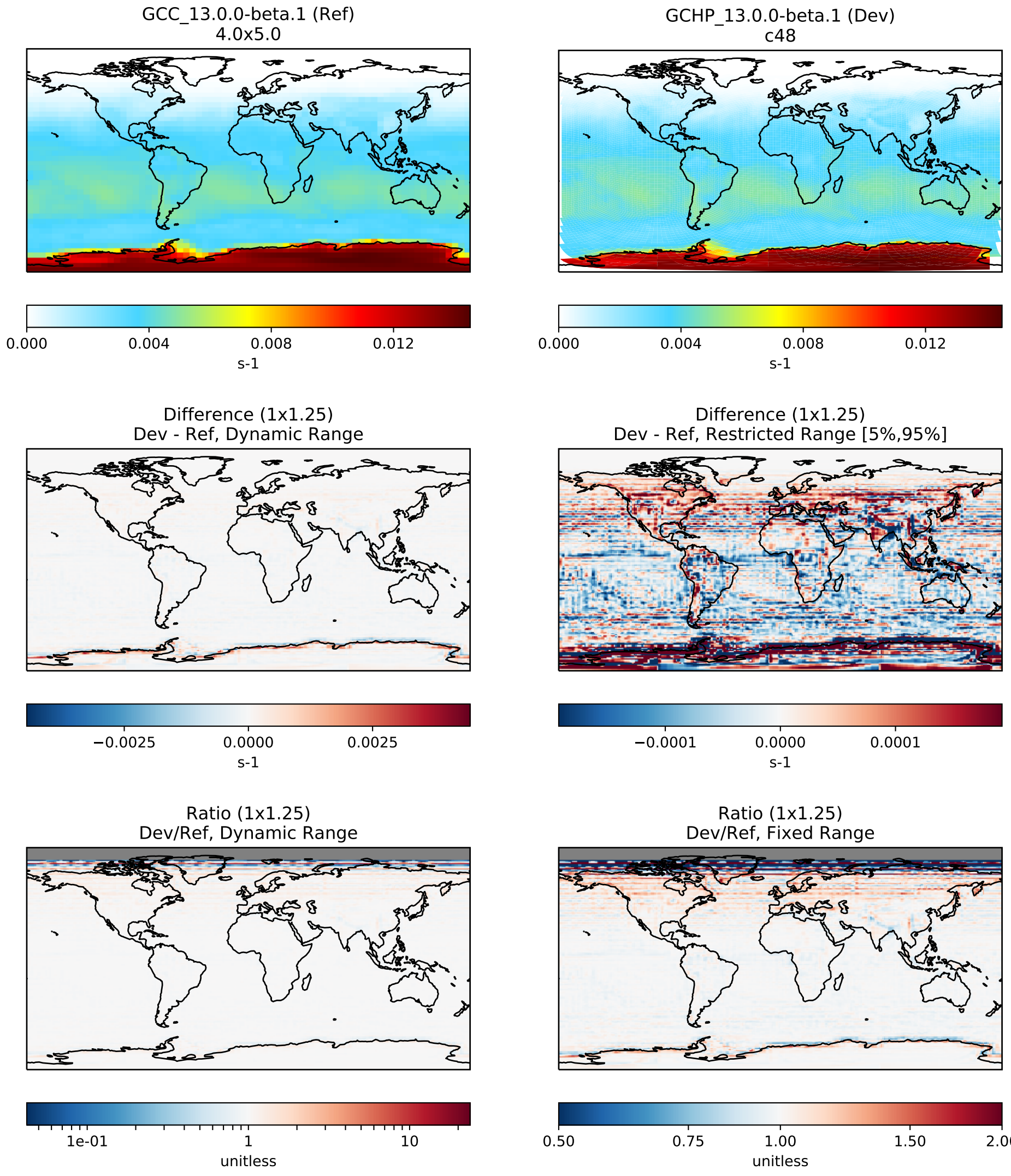
Jval_ATOOH (Jan2019)



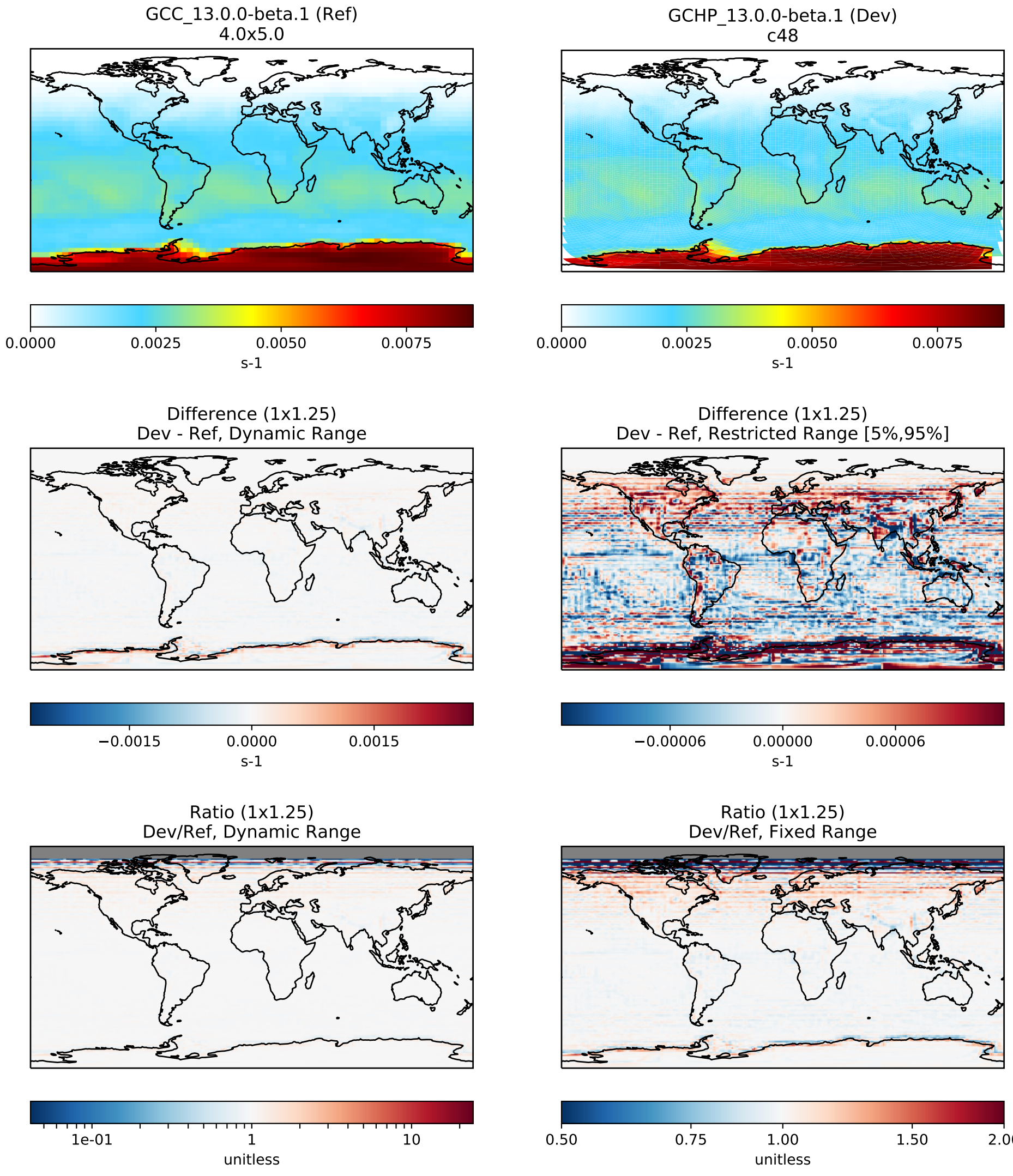
Jval_Br2 (Jan2019)



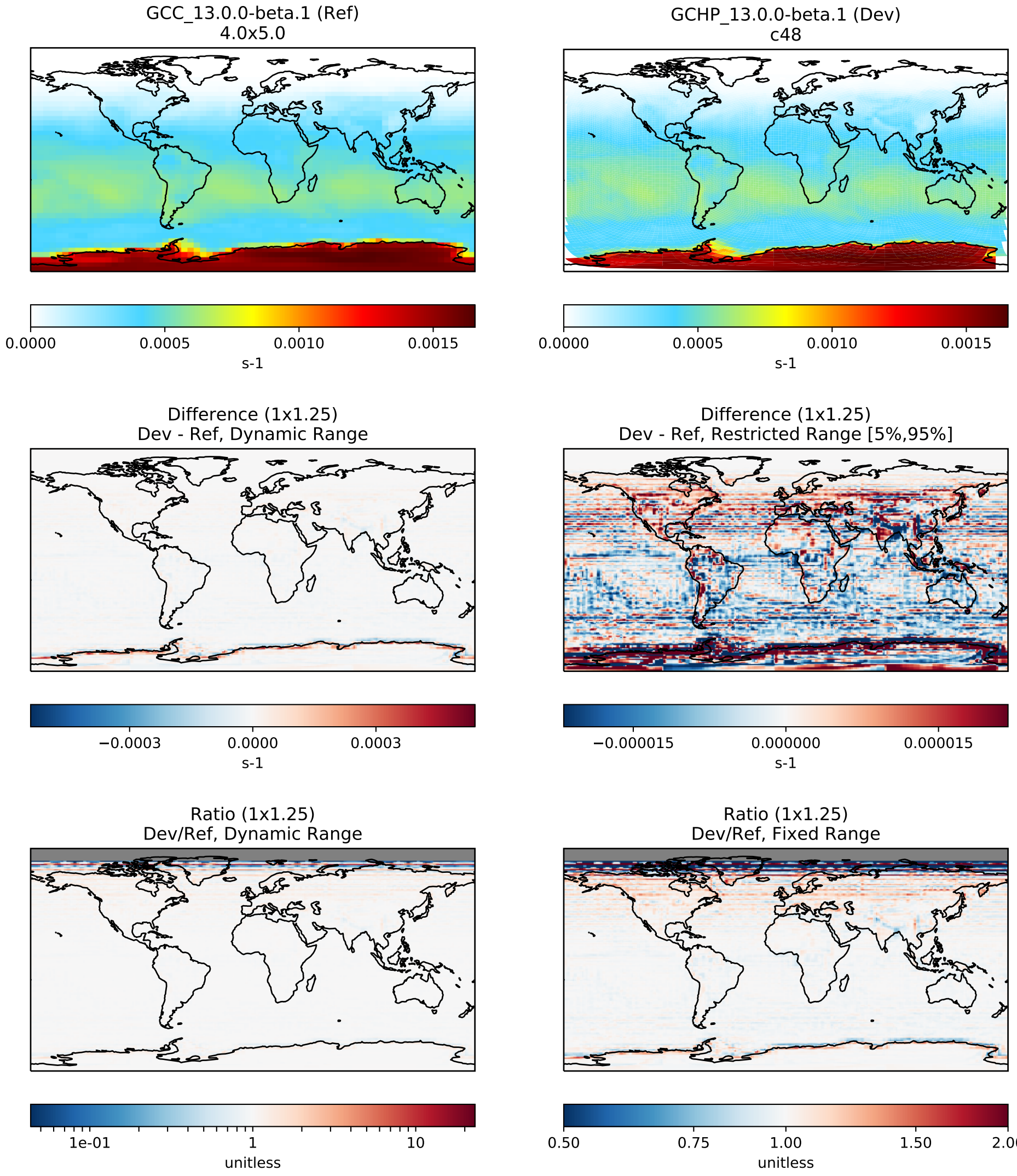
Jval_BrCl (Jan2019)



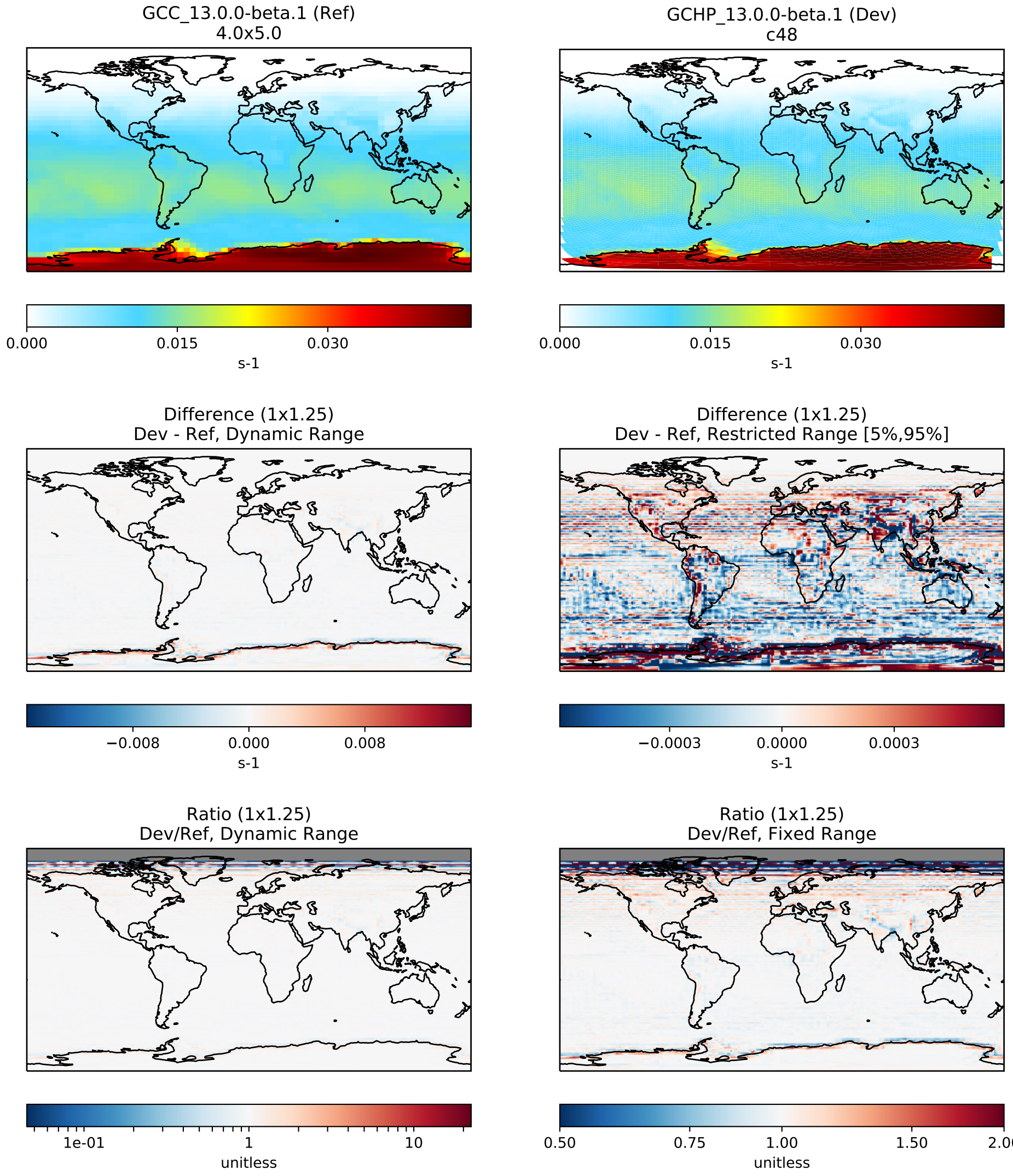
Jval_BrNO2 (Jan2019)



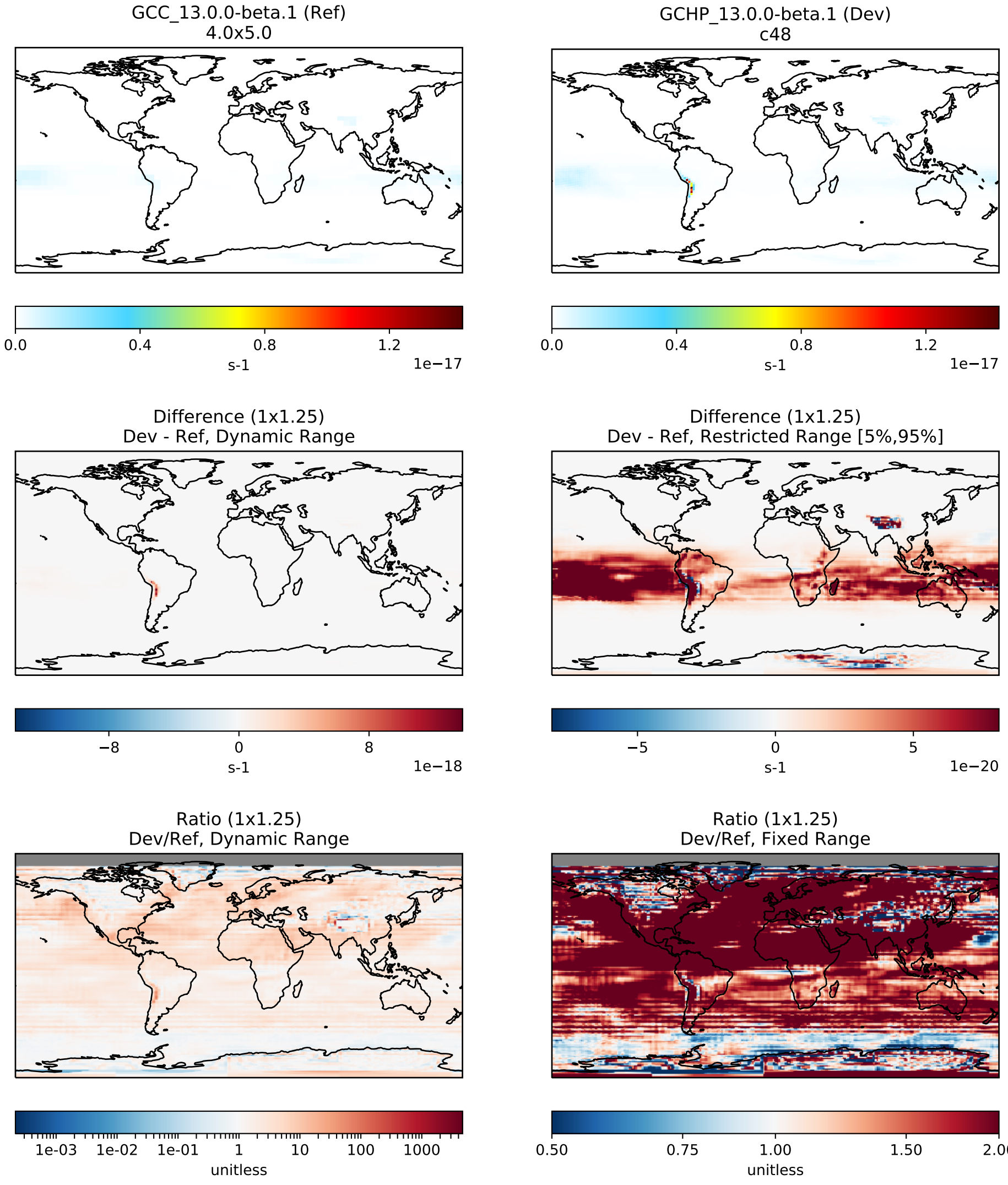
Jval_BrNO3 (Jan2019)



Jval_BrO (Jan2019)



Jval_CCl4 (Jan2019)



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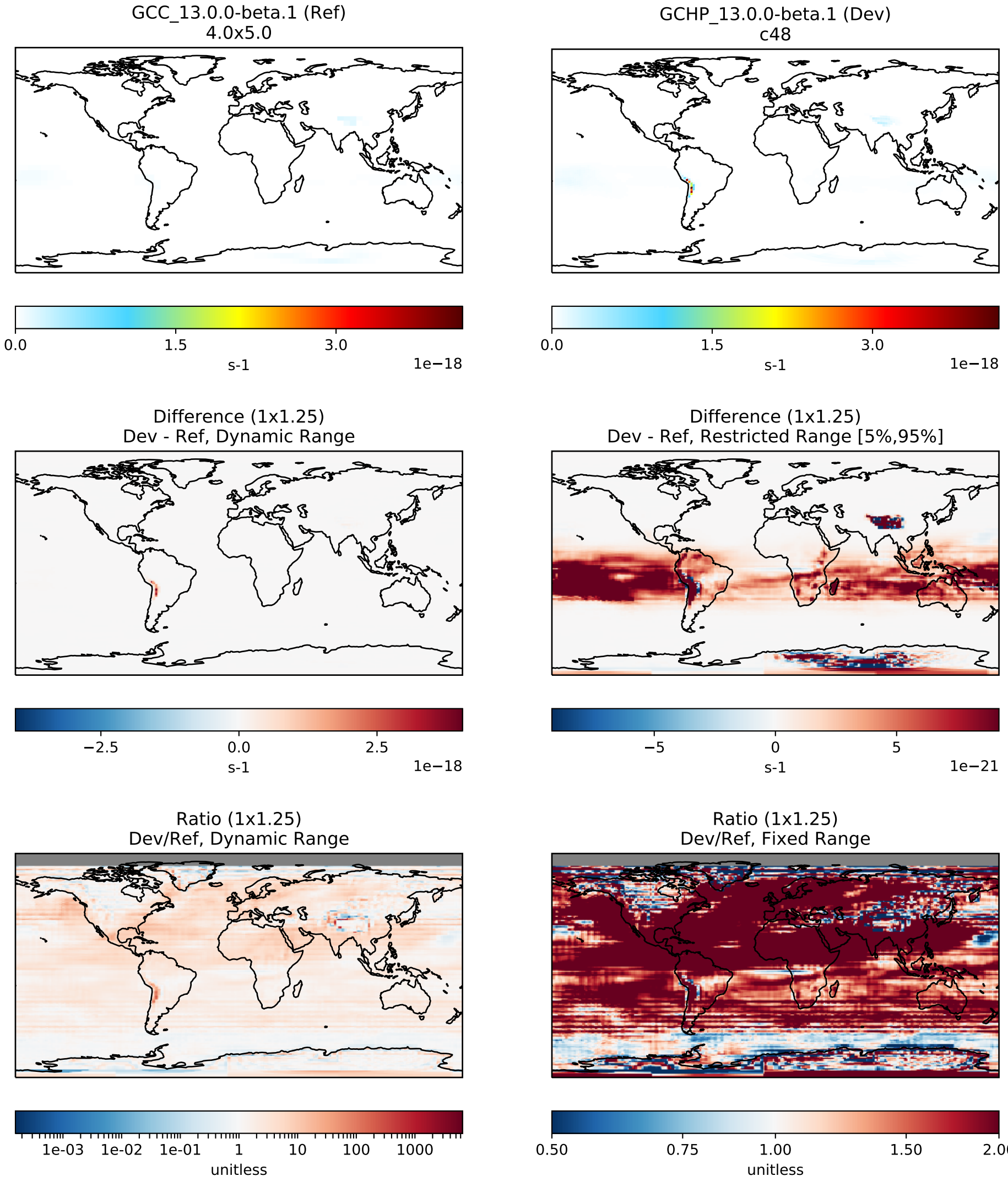
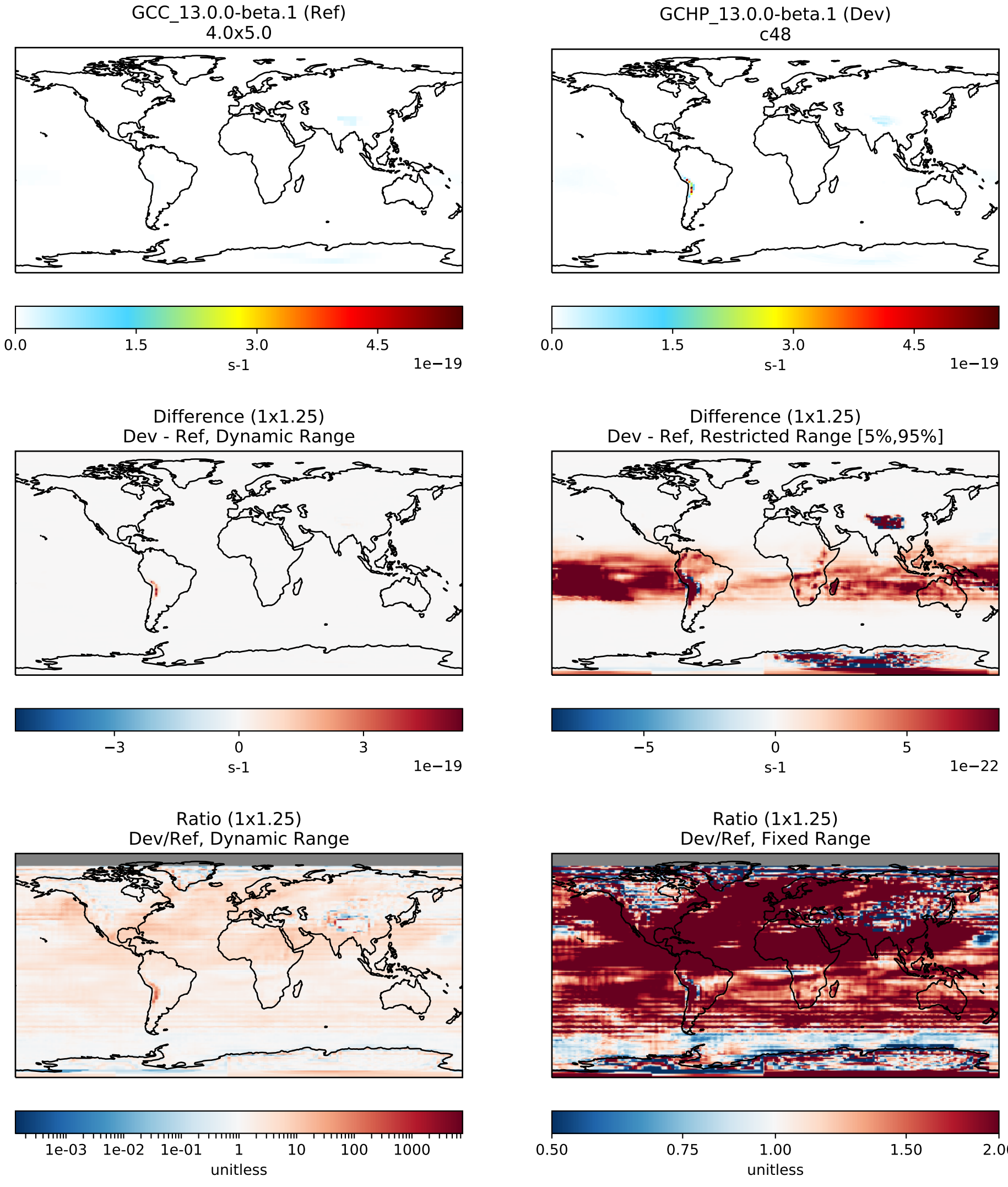


Jval_CFC113 (Jan2019)



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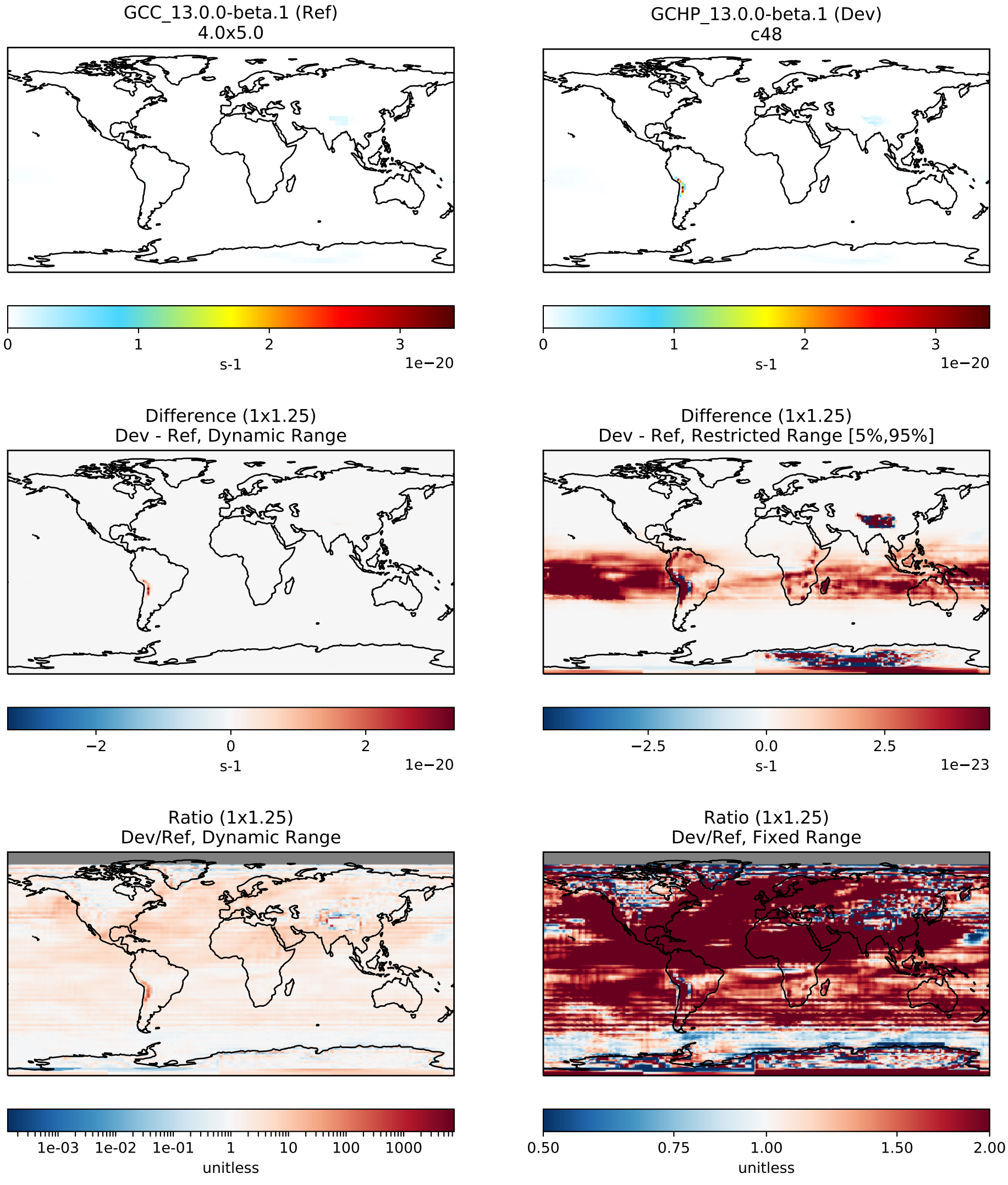

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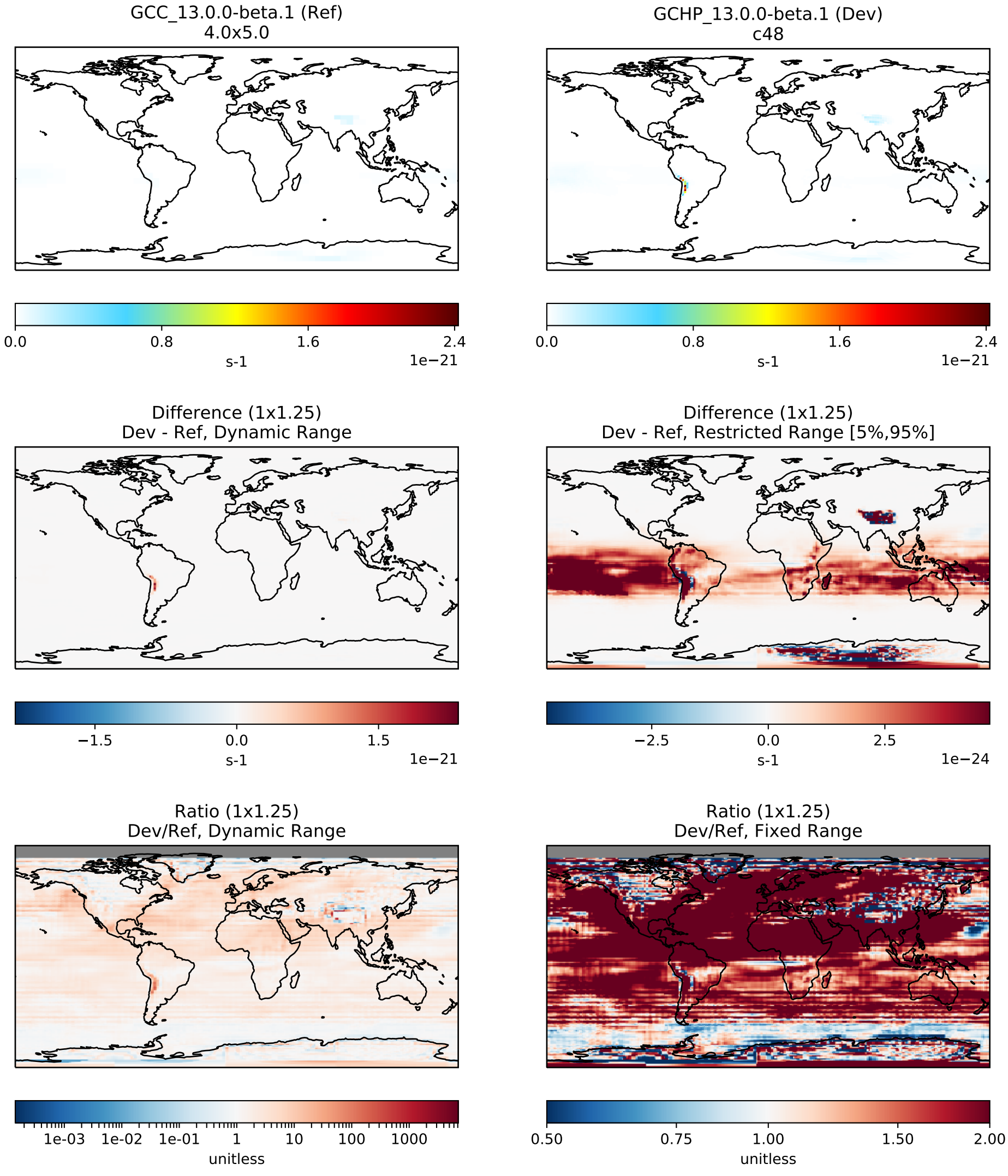
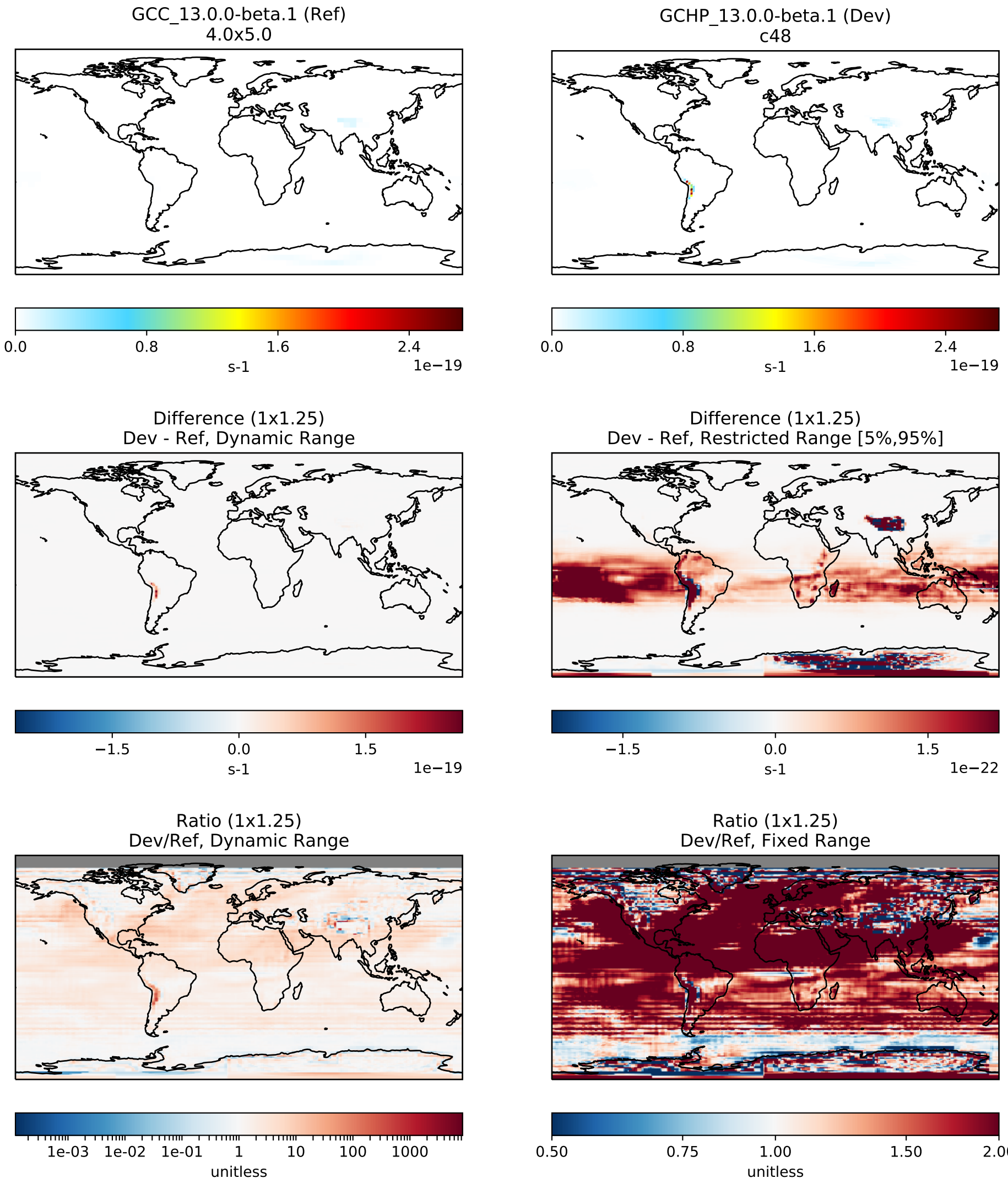
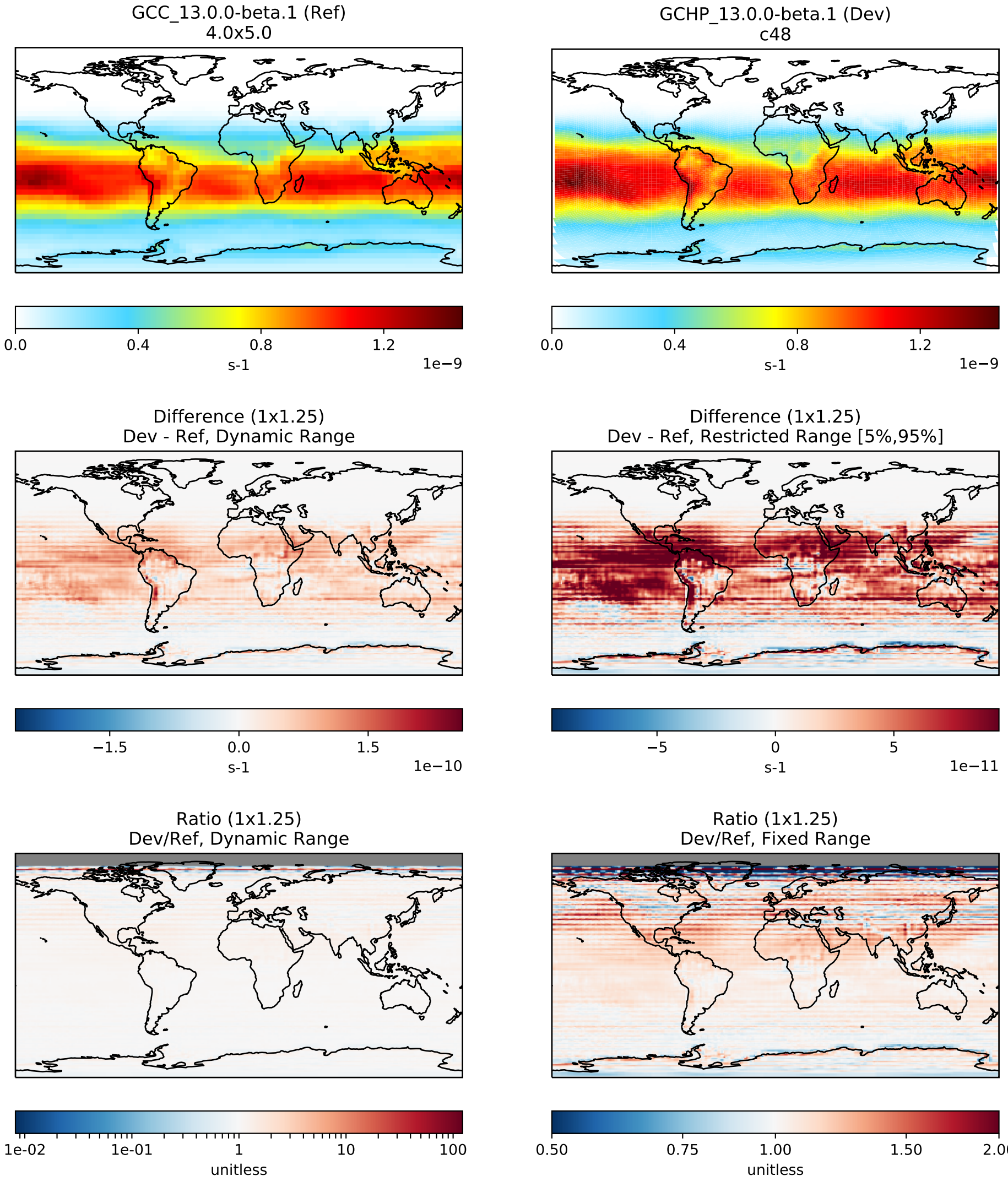


Jval_CFC12 (Jan2019)



Jval_CH2Br2 (Jan2019)



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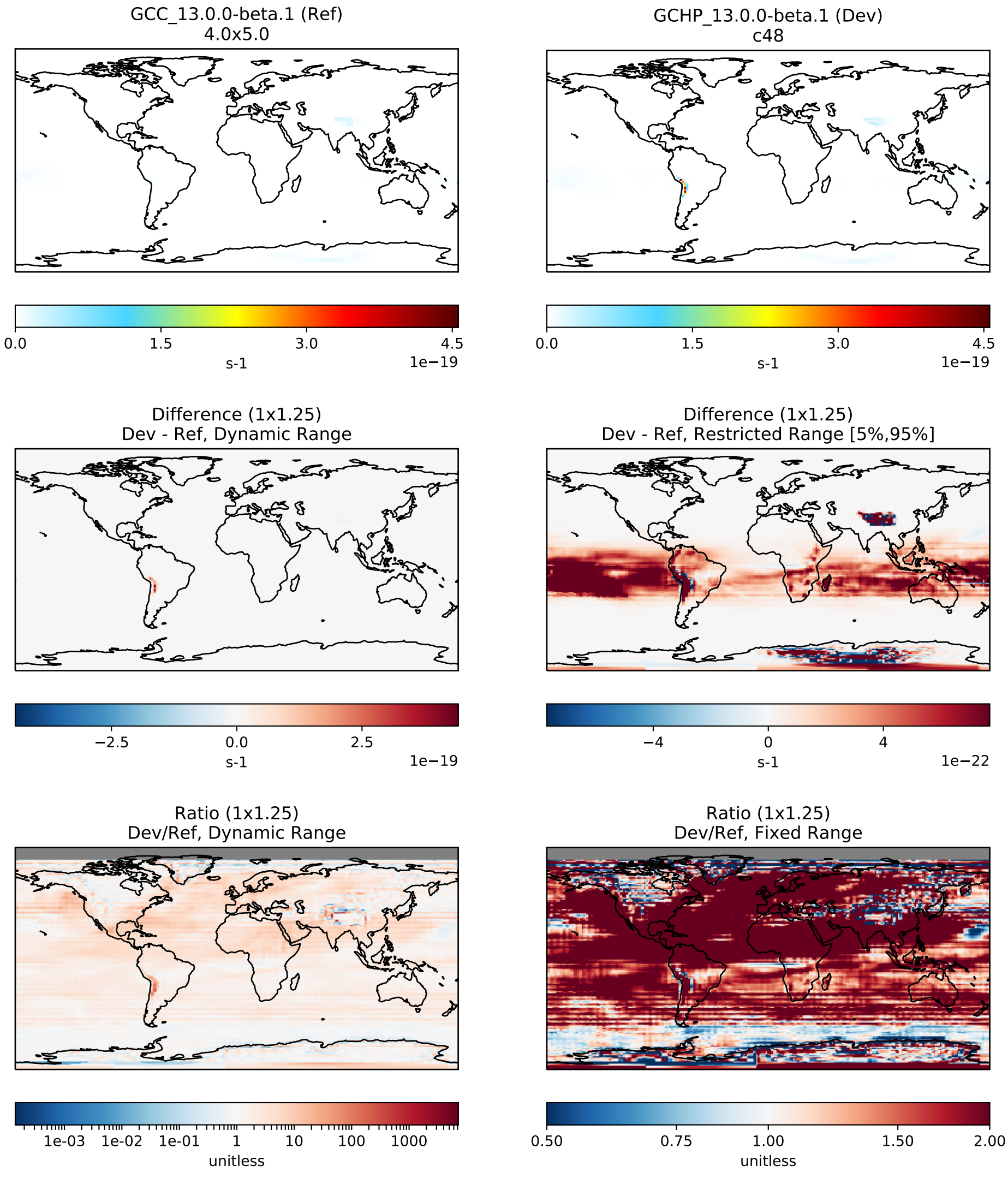

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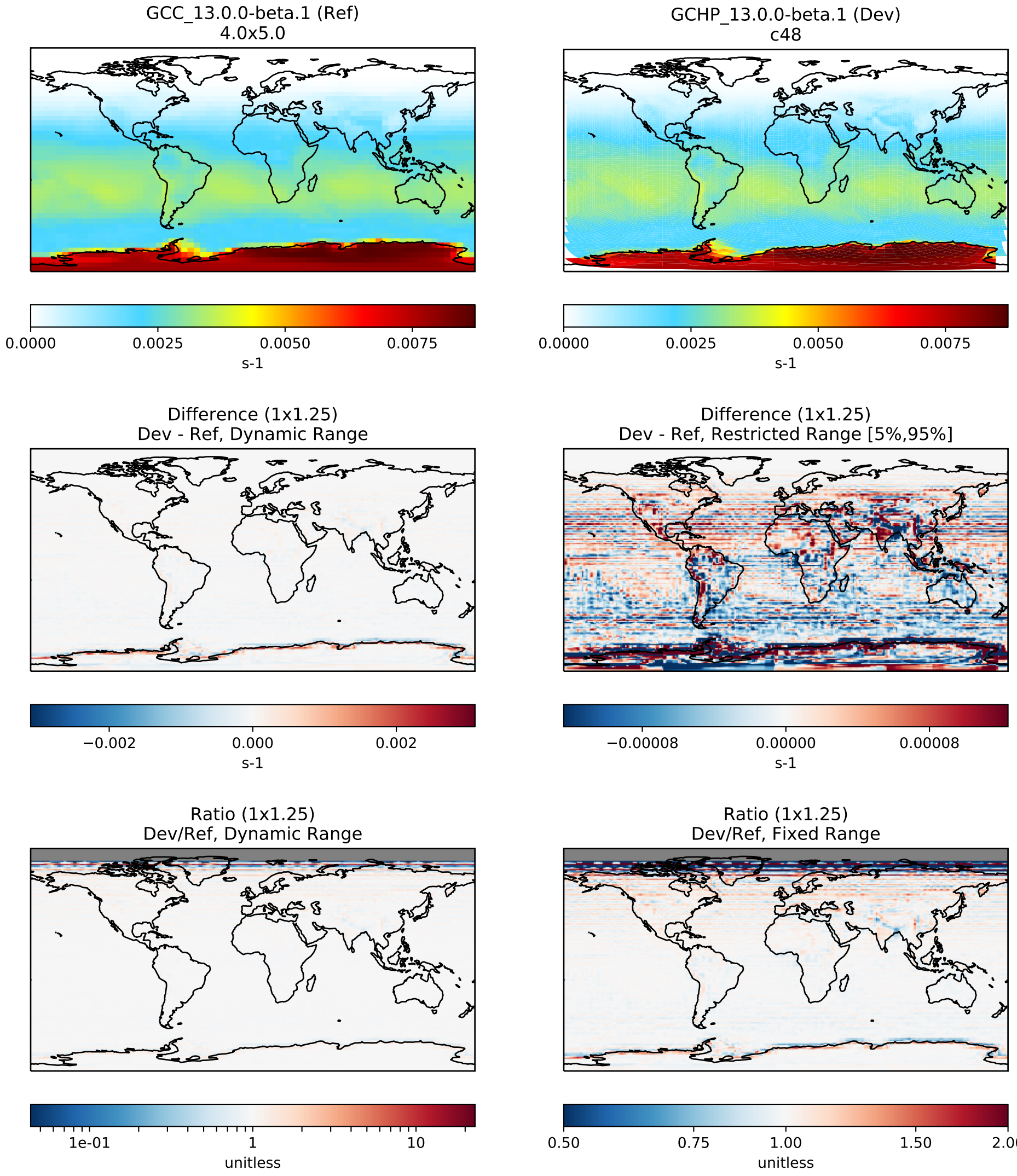
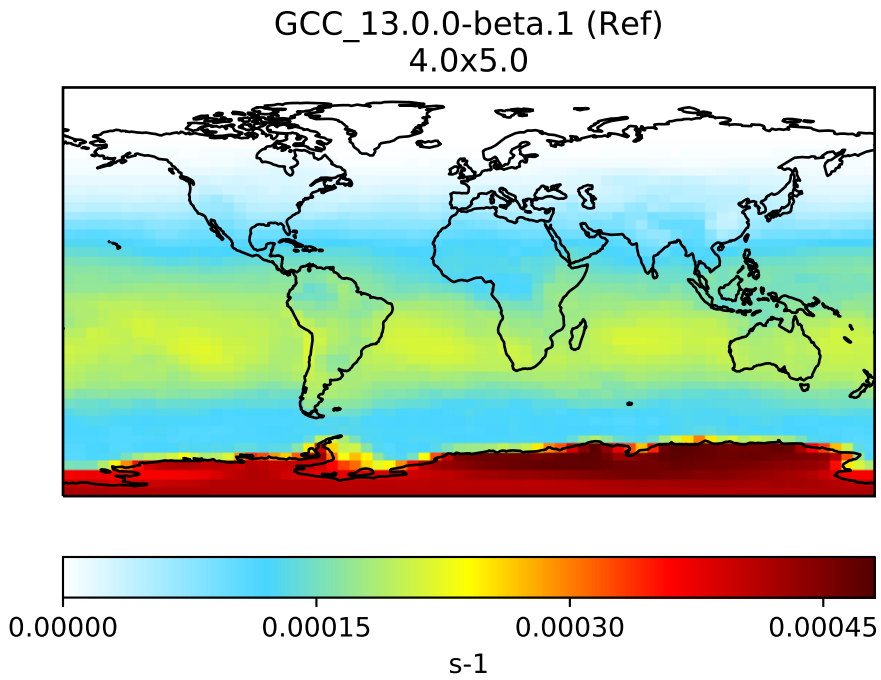
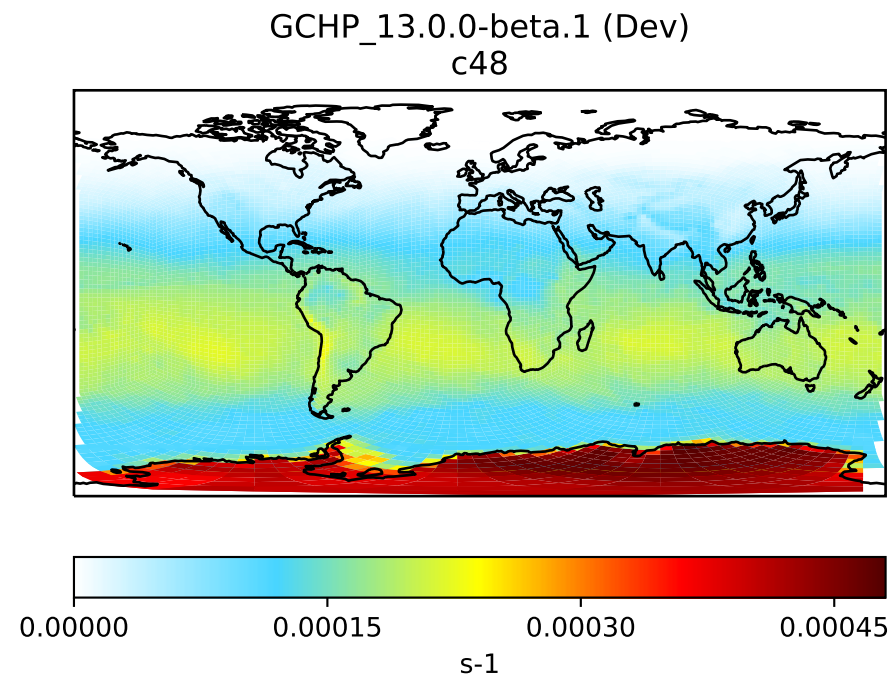
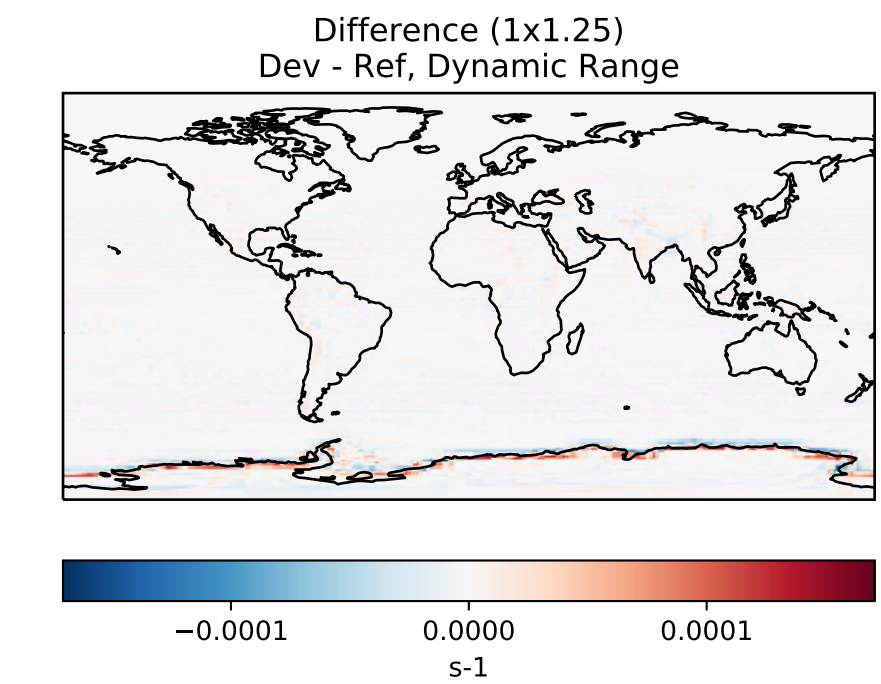
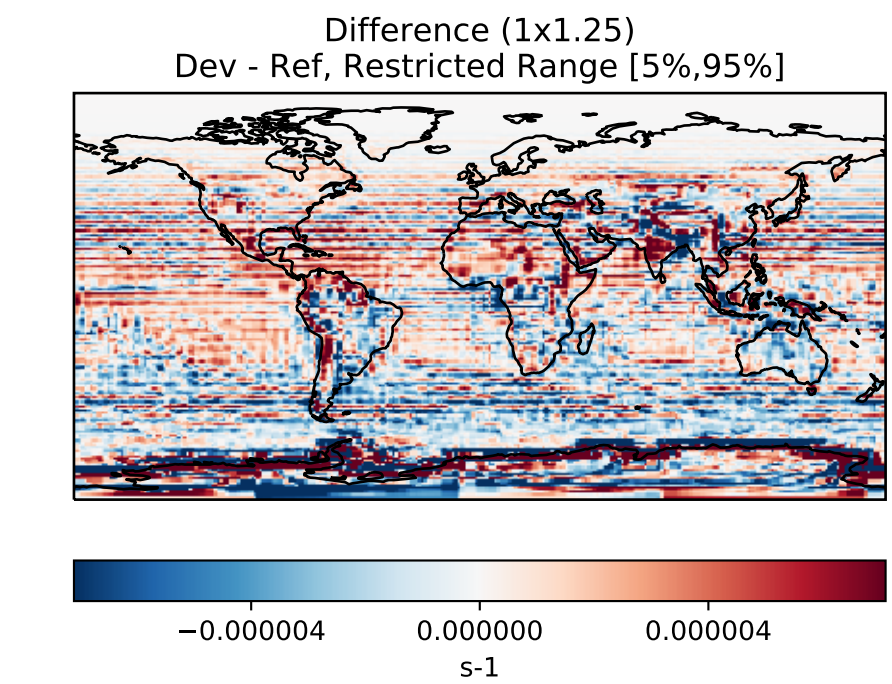


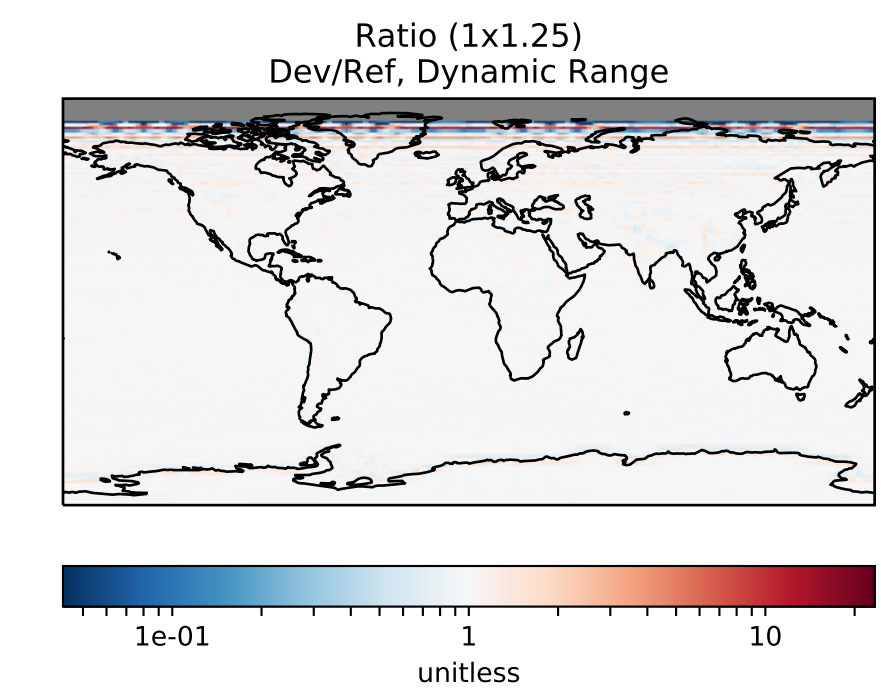
Jval_CH2IBr (Jan2019)

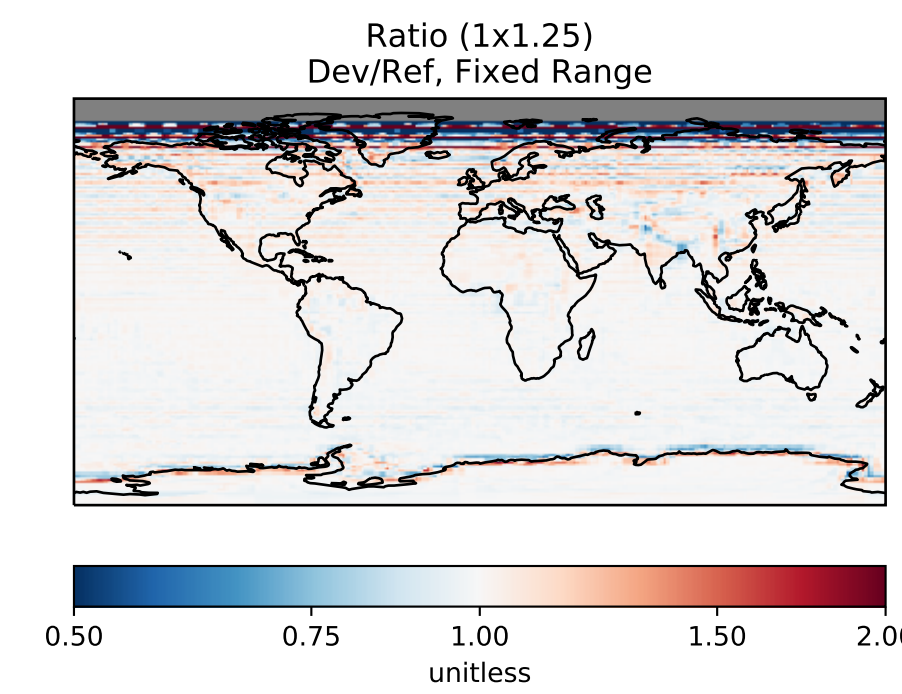




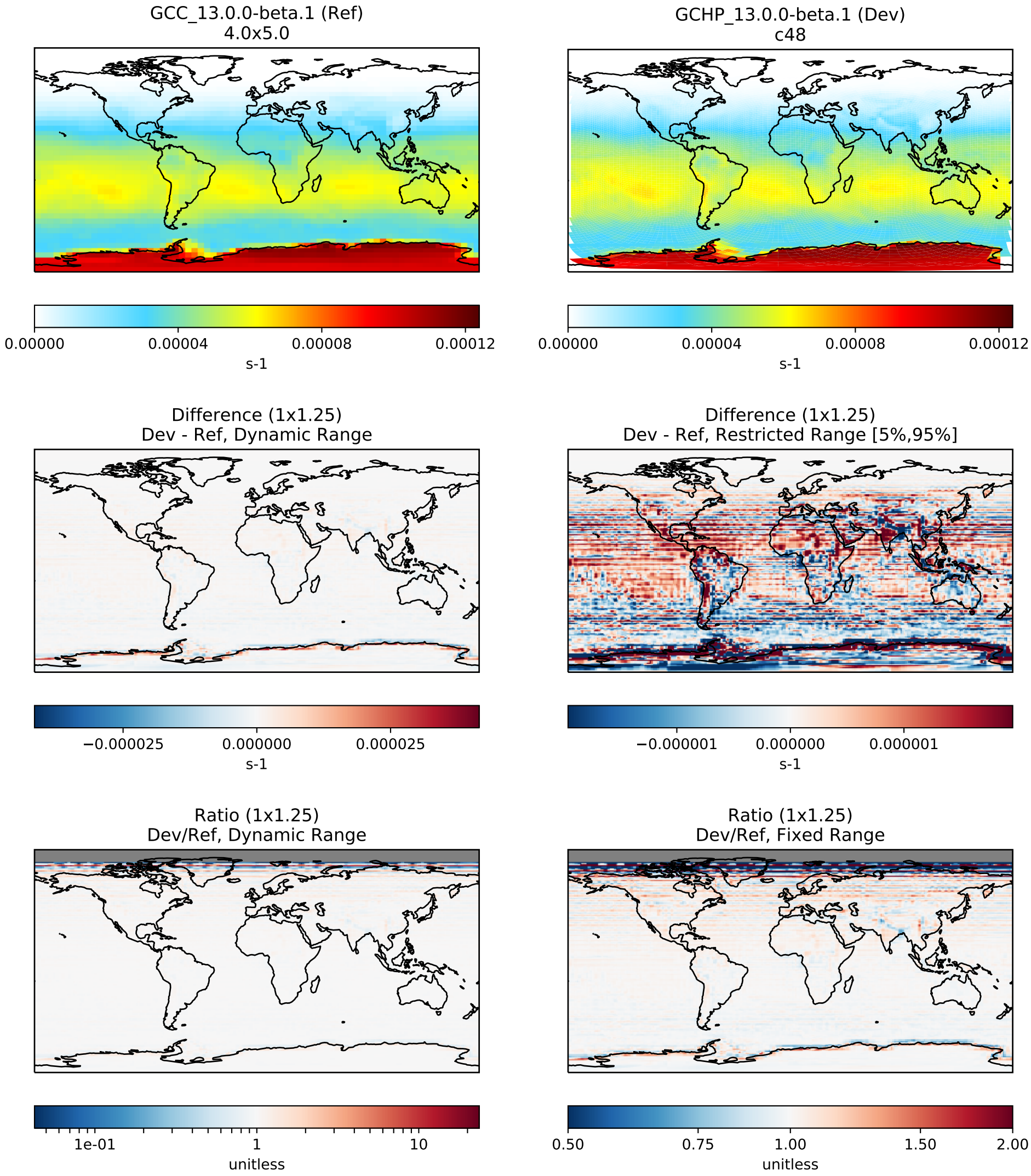




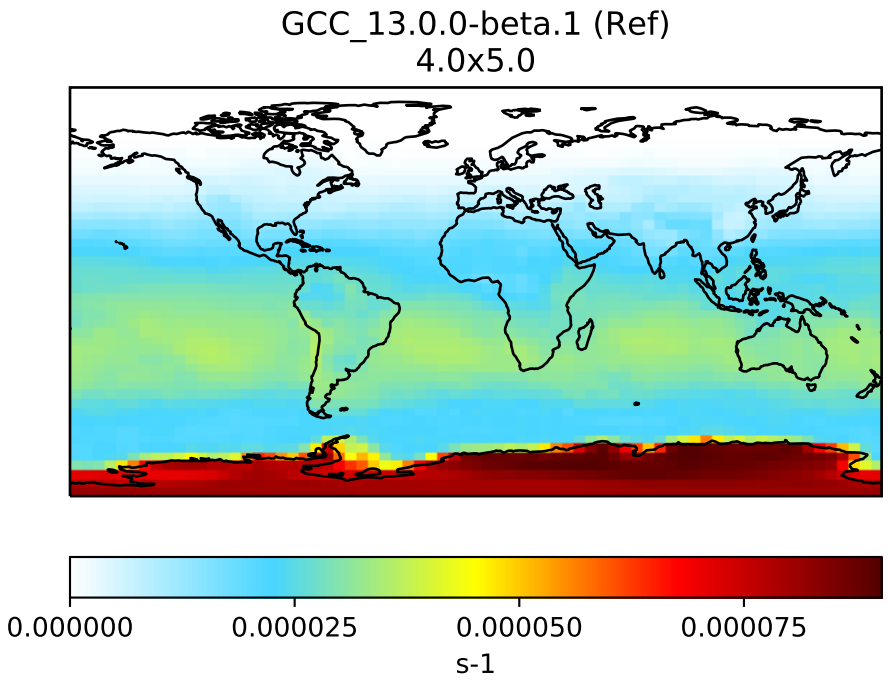


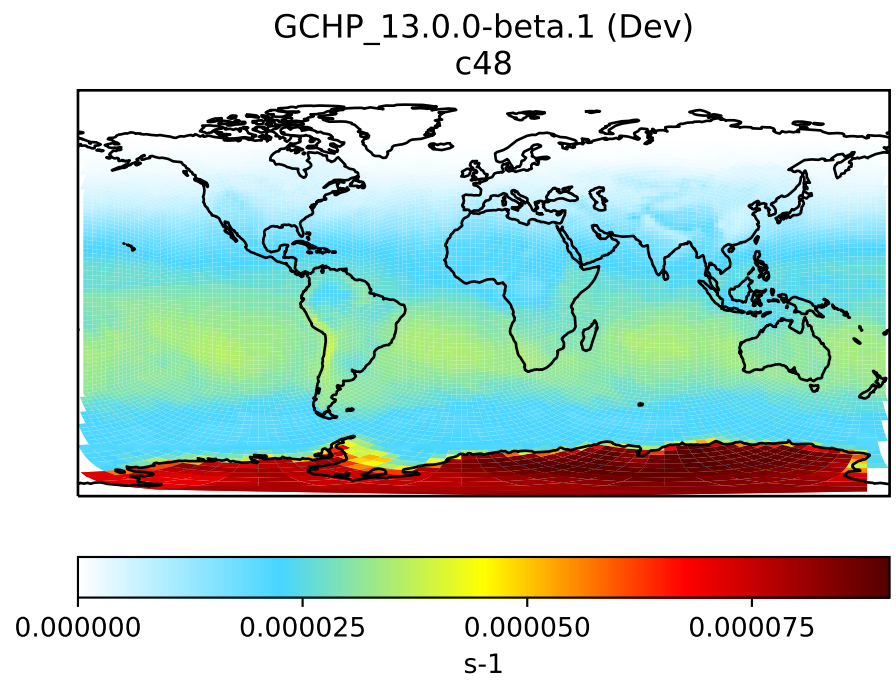


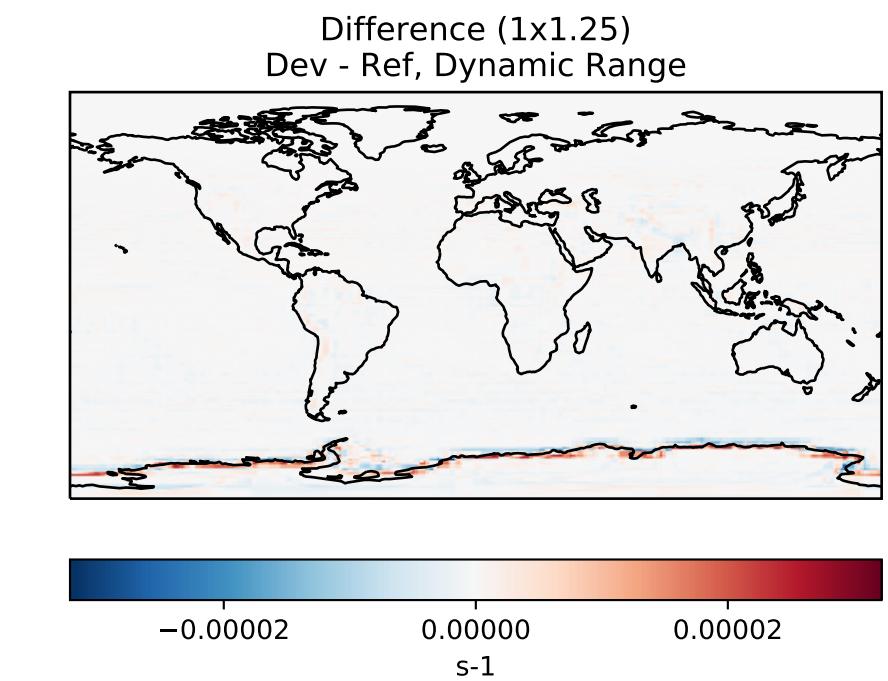
Jval_CH2ICl (Jan2019)

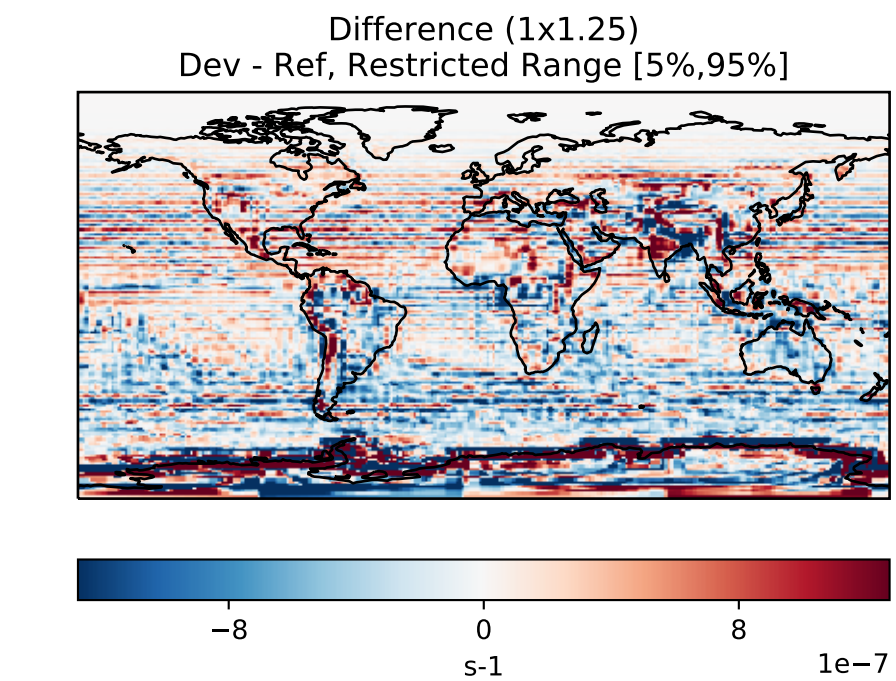


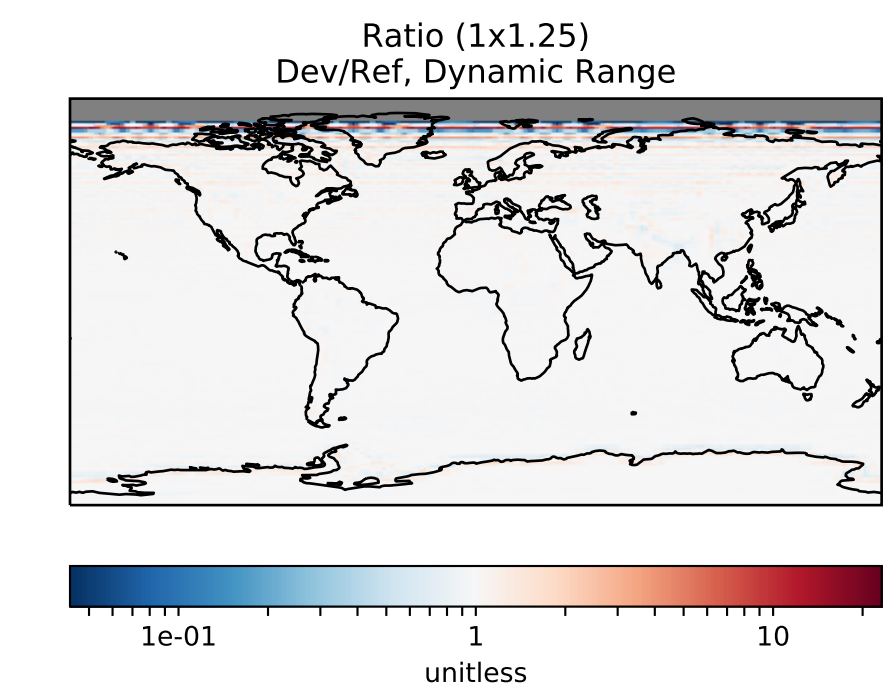
Jval_CH2O (Jan2019)

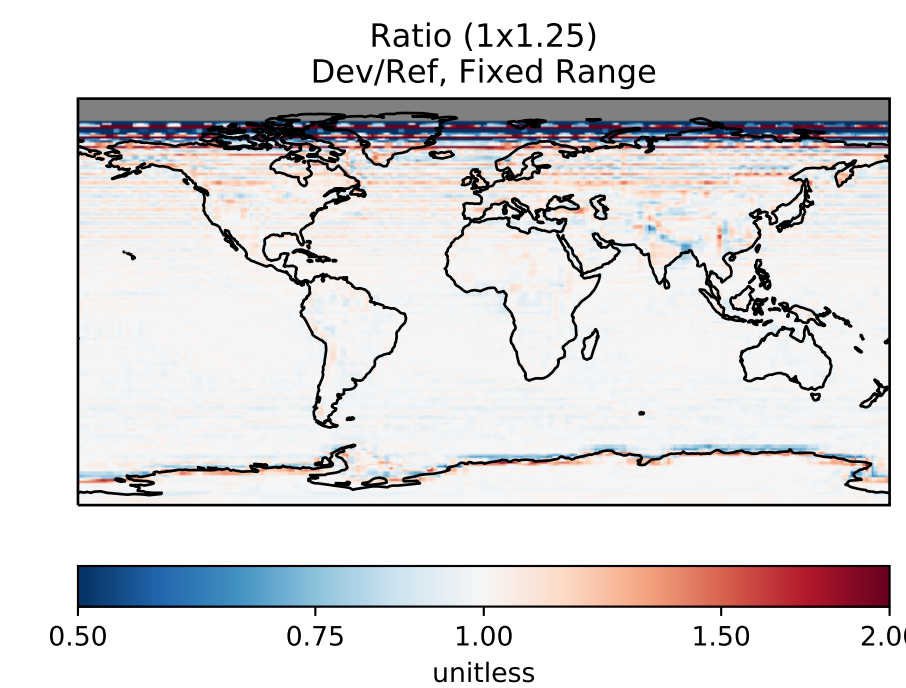




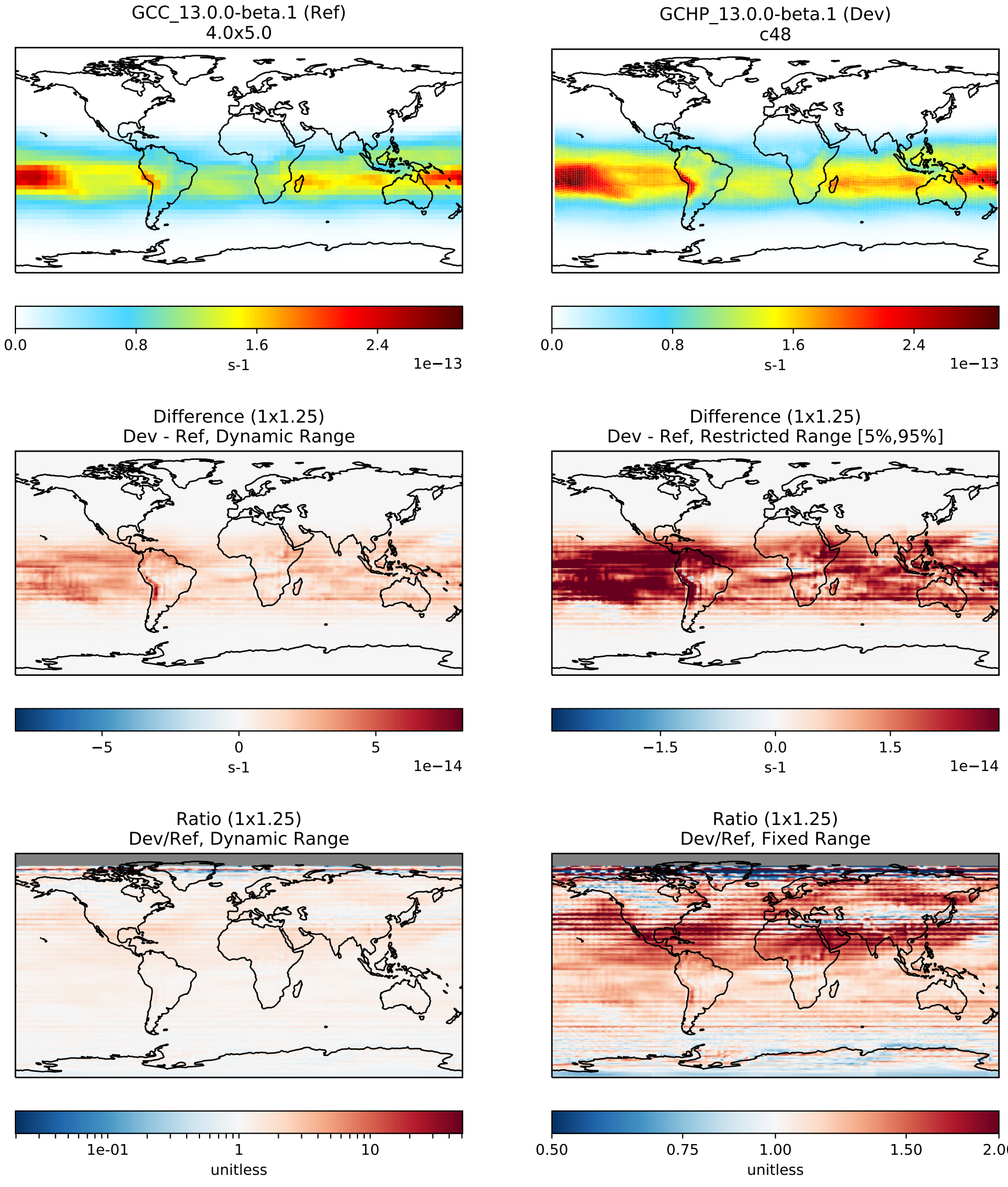




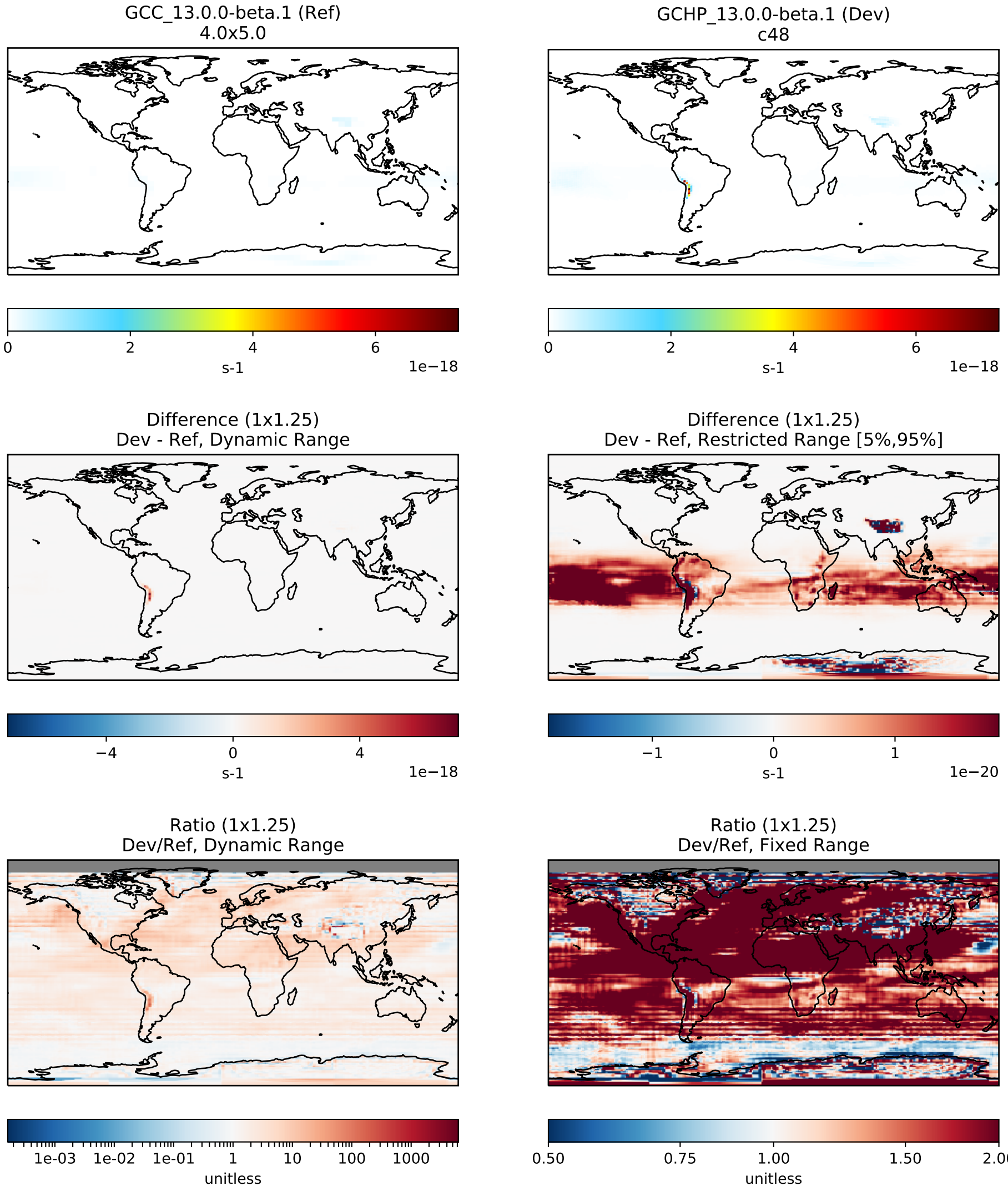




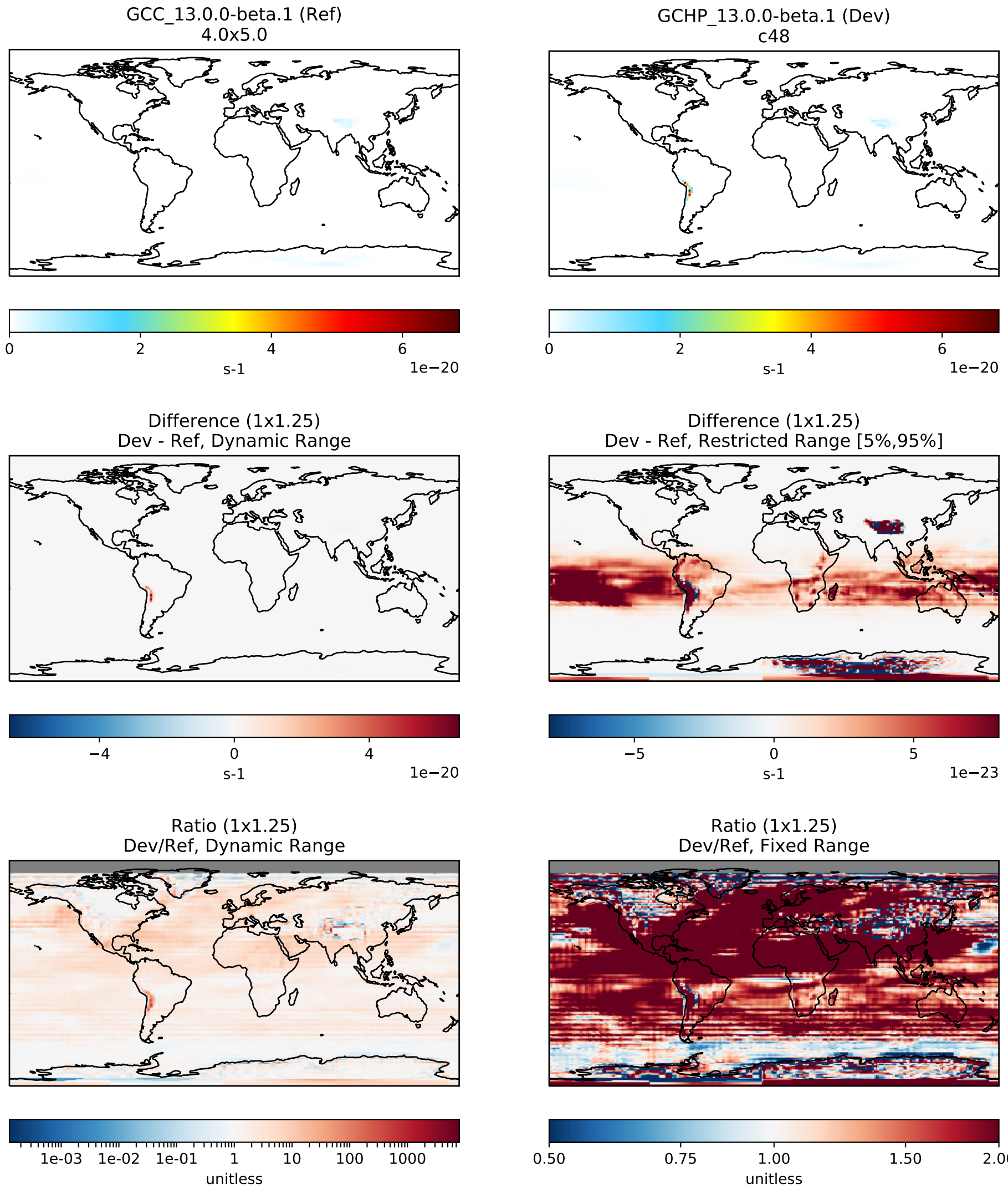
Jval_CH3Br (Jan2019)



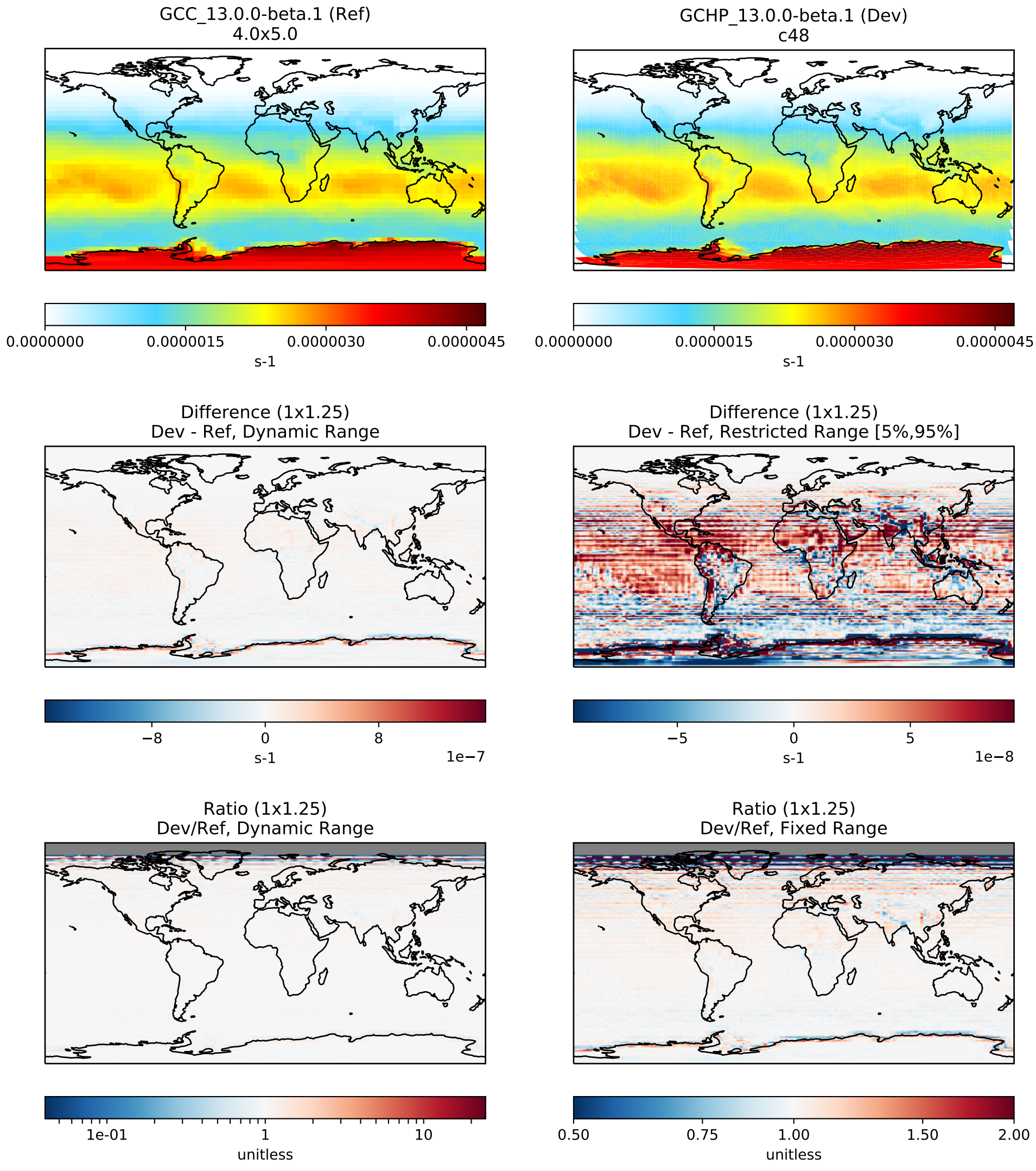
Jval_CH3CCl3 (Jan2019)



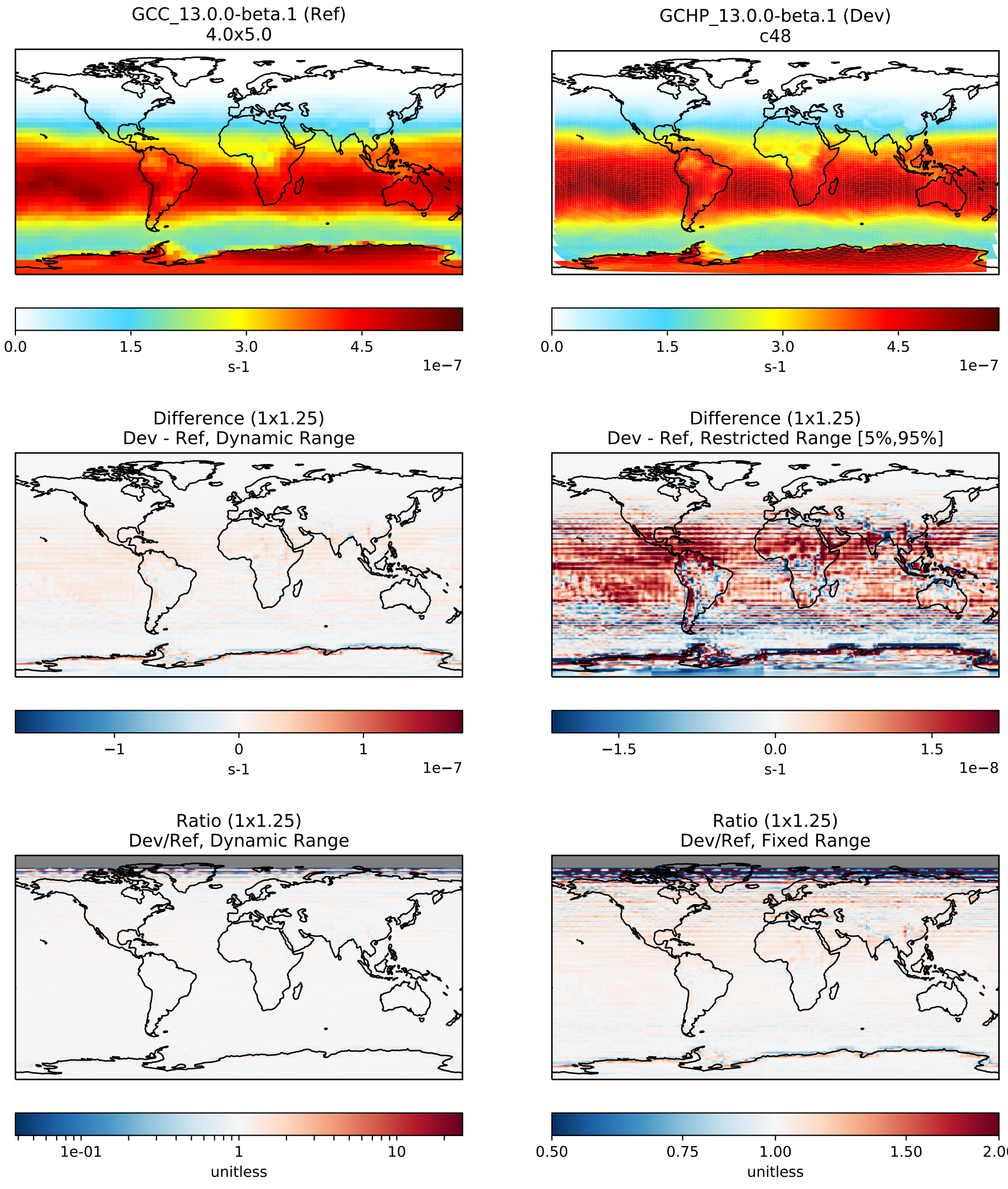
Jval_CH3Cl (Jan2019)



Jval_CH3I (Jan2019)



Jval_CHBr3 (Jan2019)



Jval_CHCl3 (Jan2019)

GCC_13.0.0-beta.1 (Ref)
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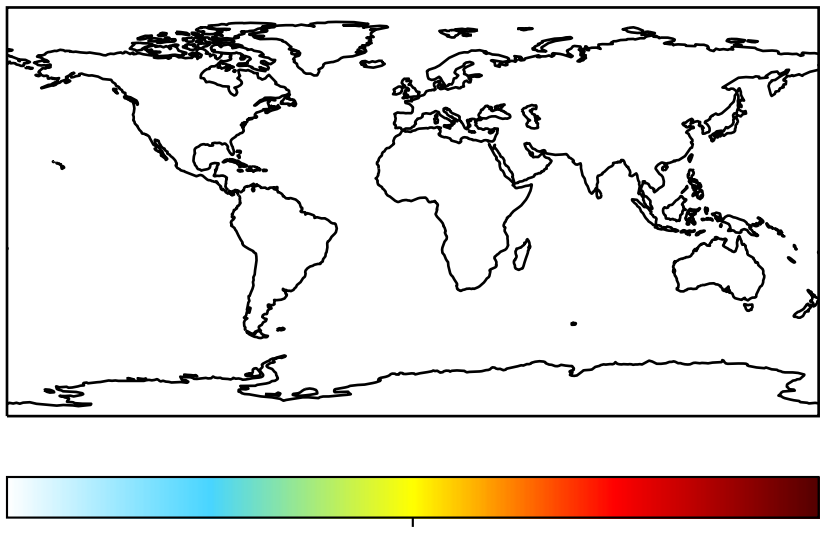
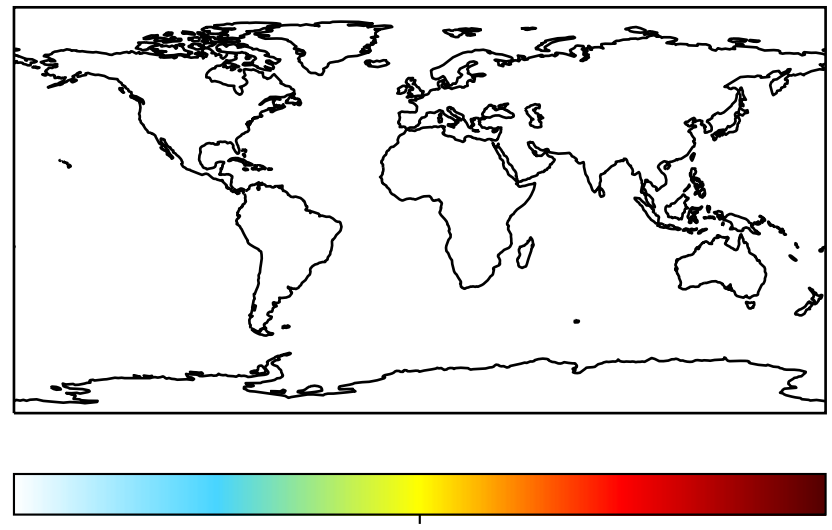
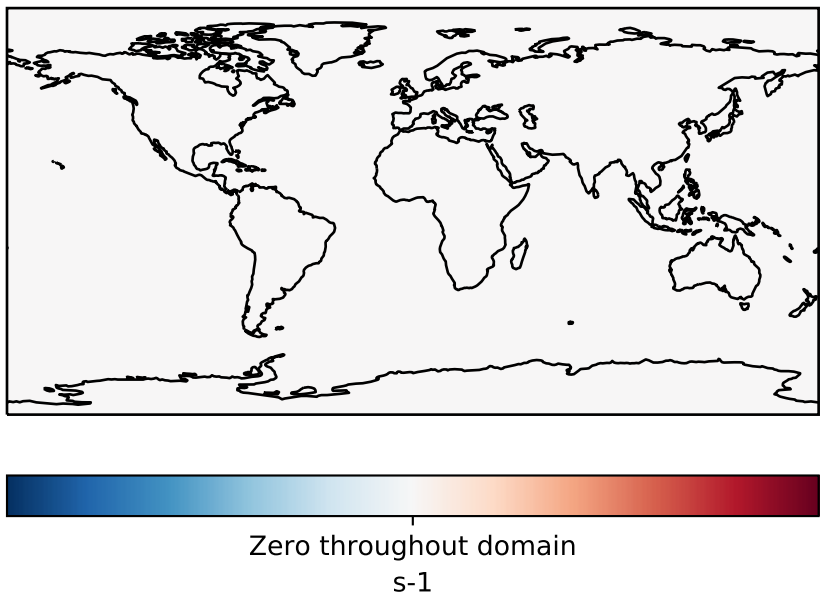


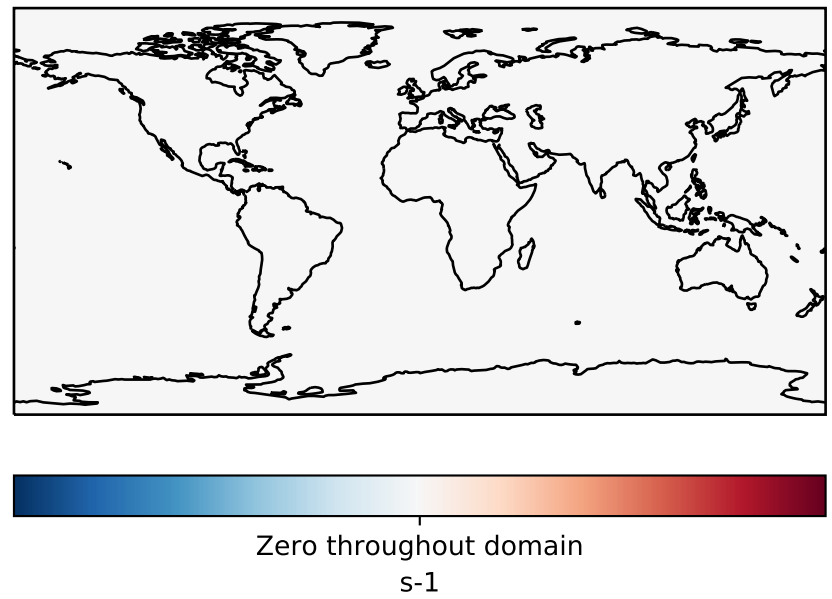
GCHP_13.0.0-beta.1 (Dev)
c48



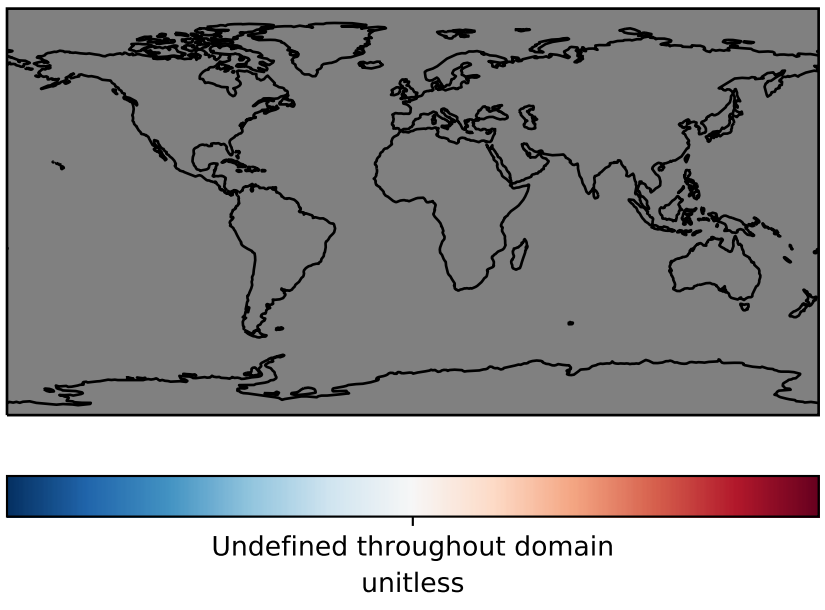
Difference (1x1.25)
Dev - Ref, Dynamic Range



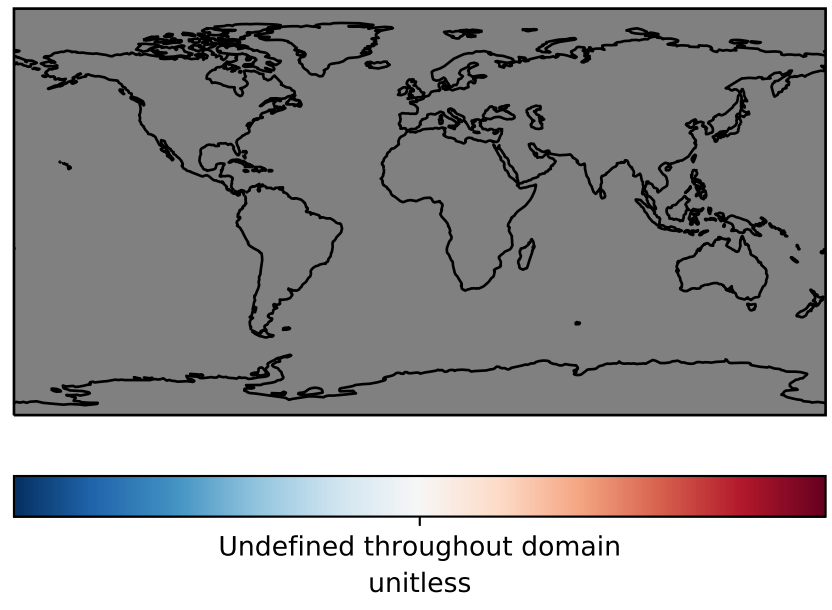
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



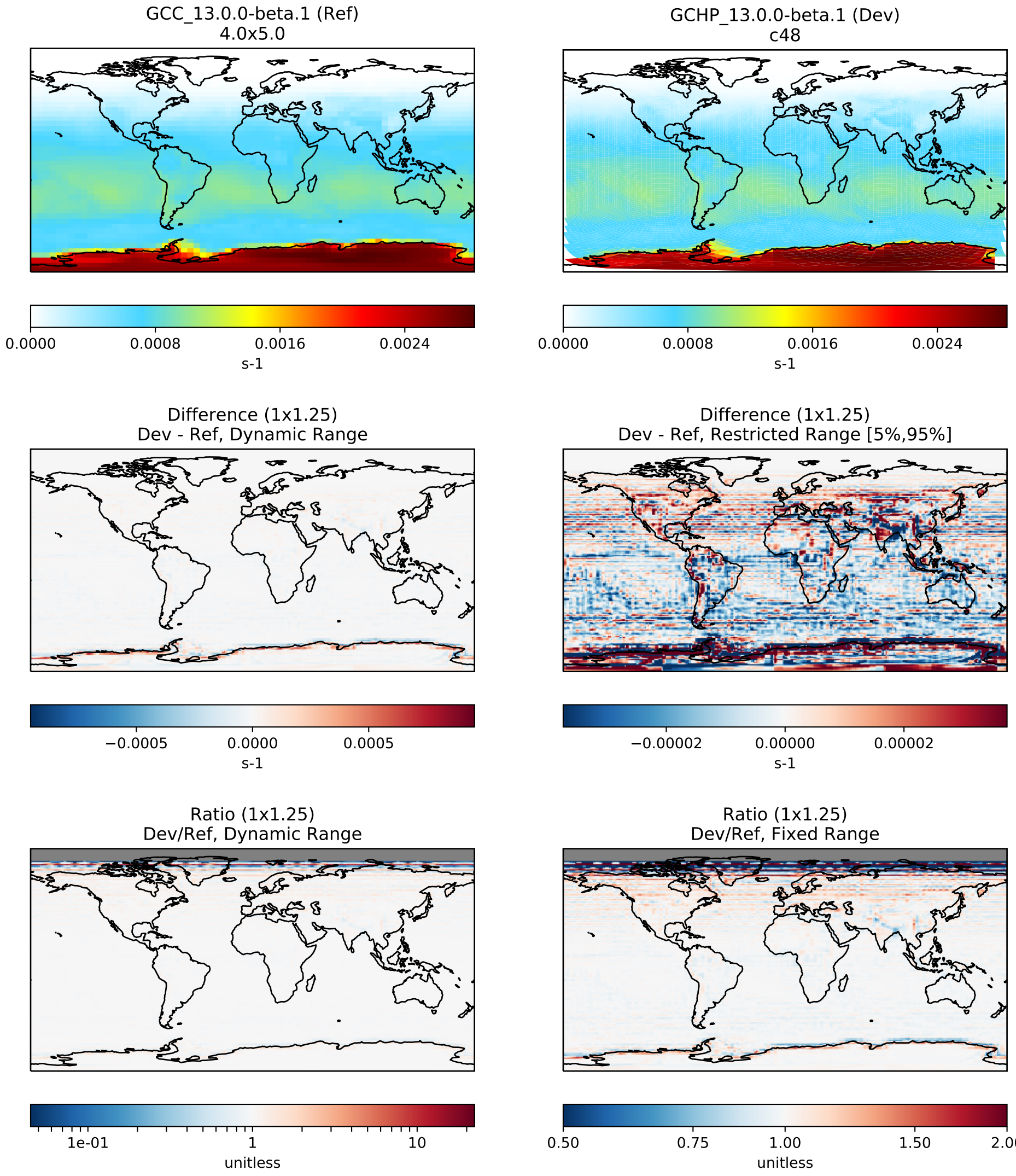
Ratio (1x1.25)
Dev/Ref, Dynamic Range



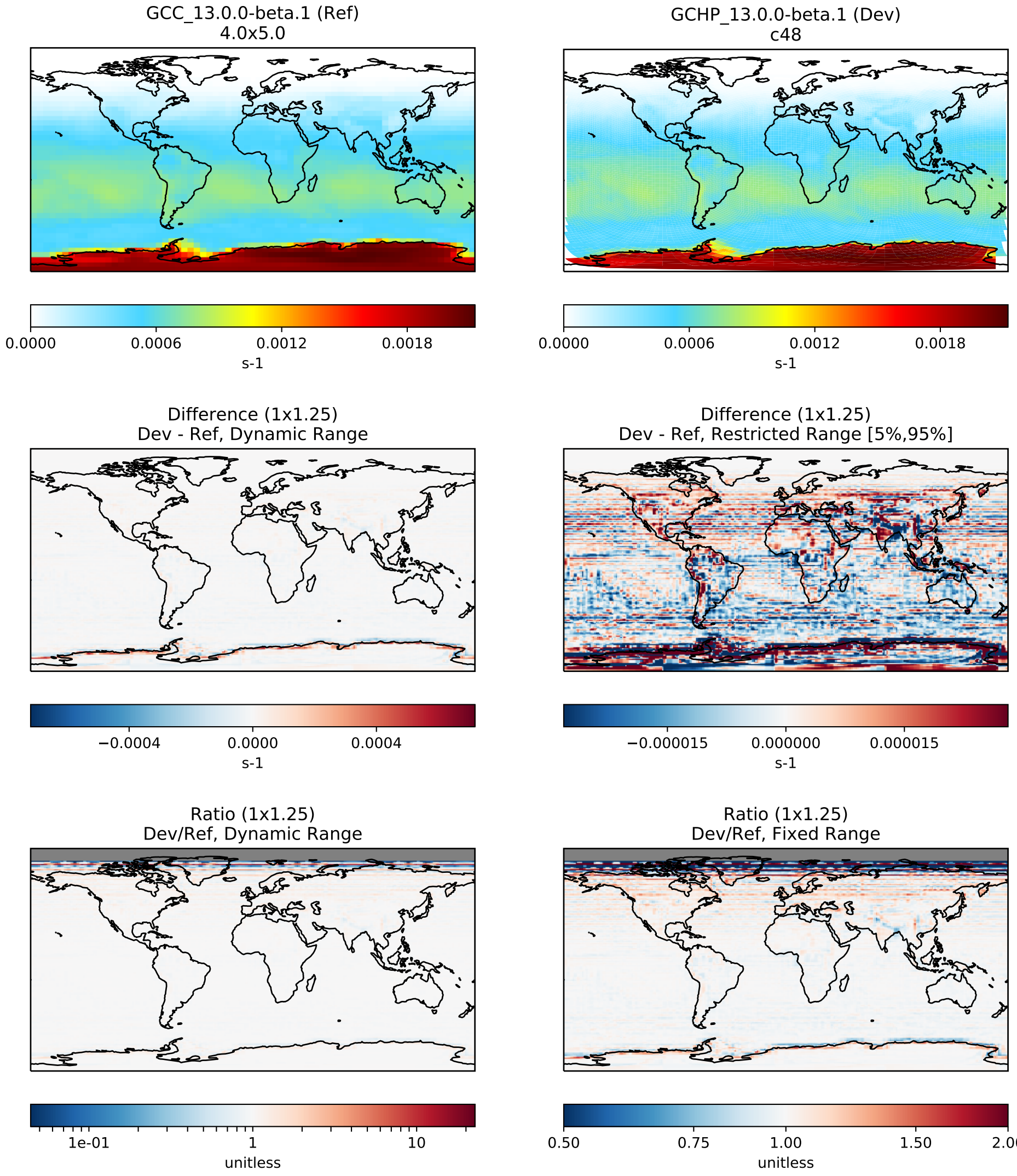
Ratio (1x1.25)
Dev/Ref, Fixed Range



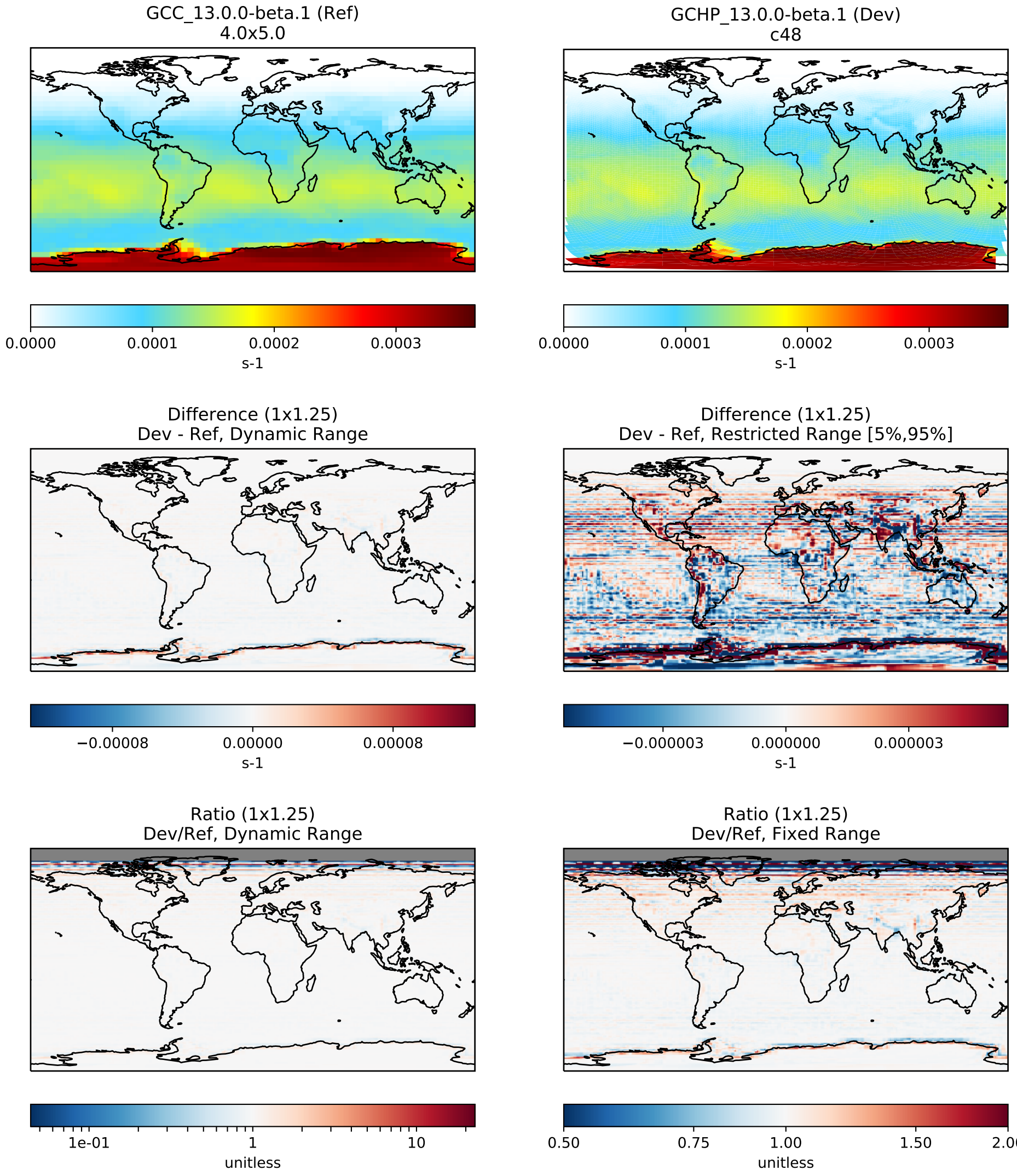
Jval_Cl2 (Jan2019)



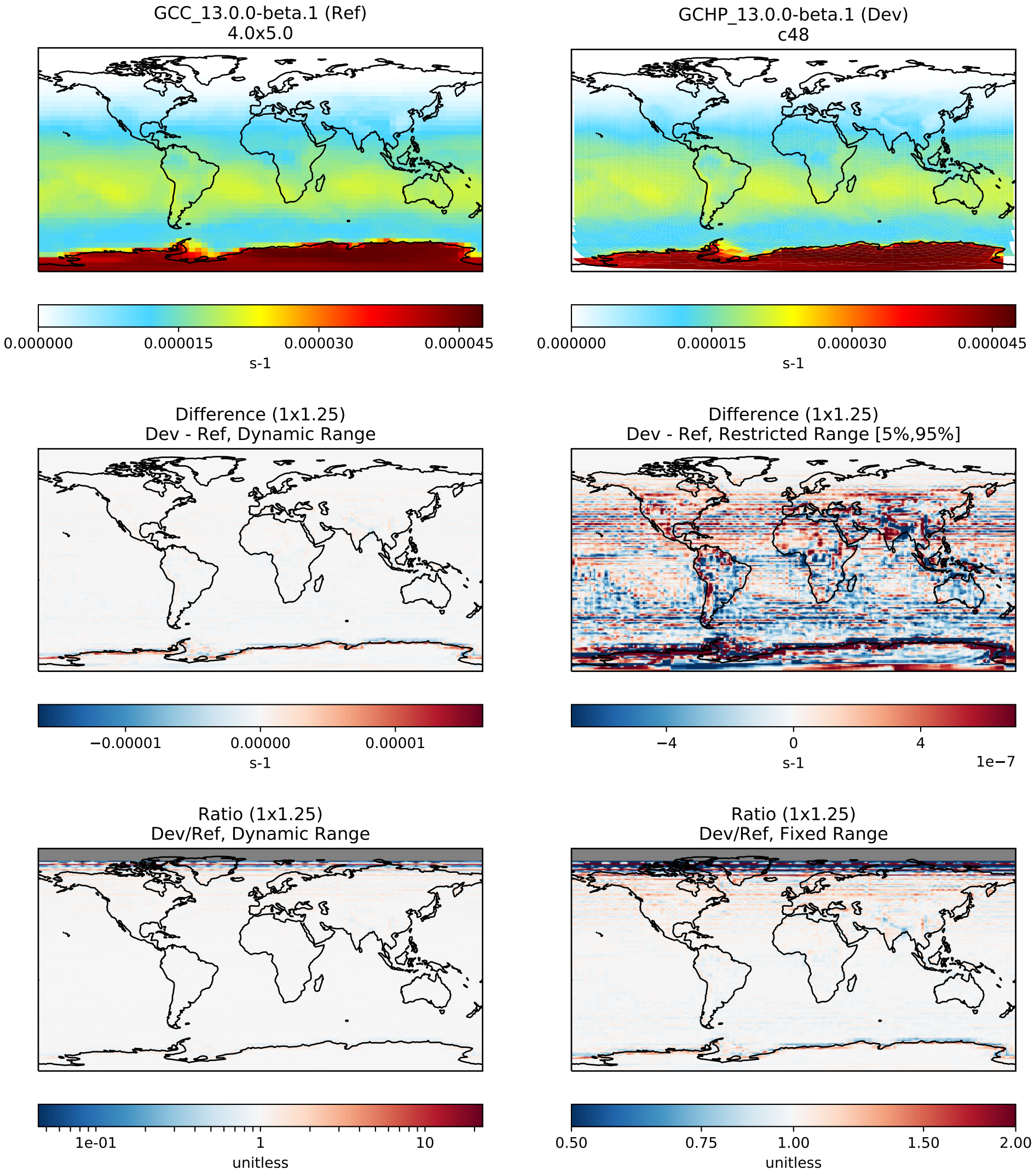
Jval_Cl2O2 (Jan2019)



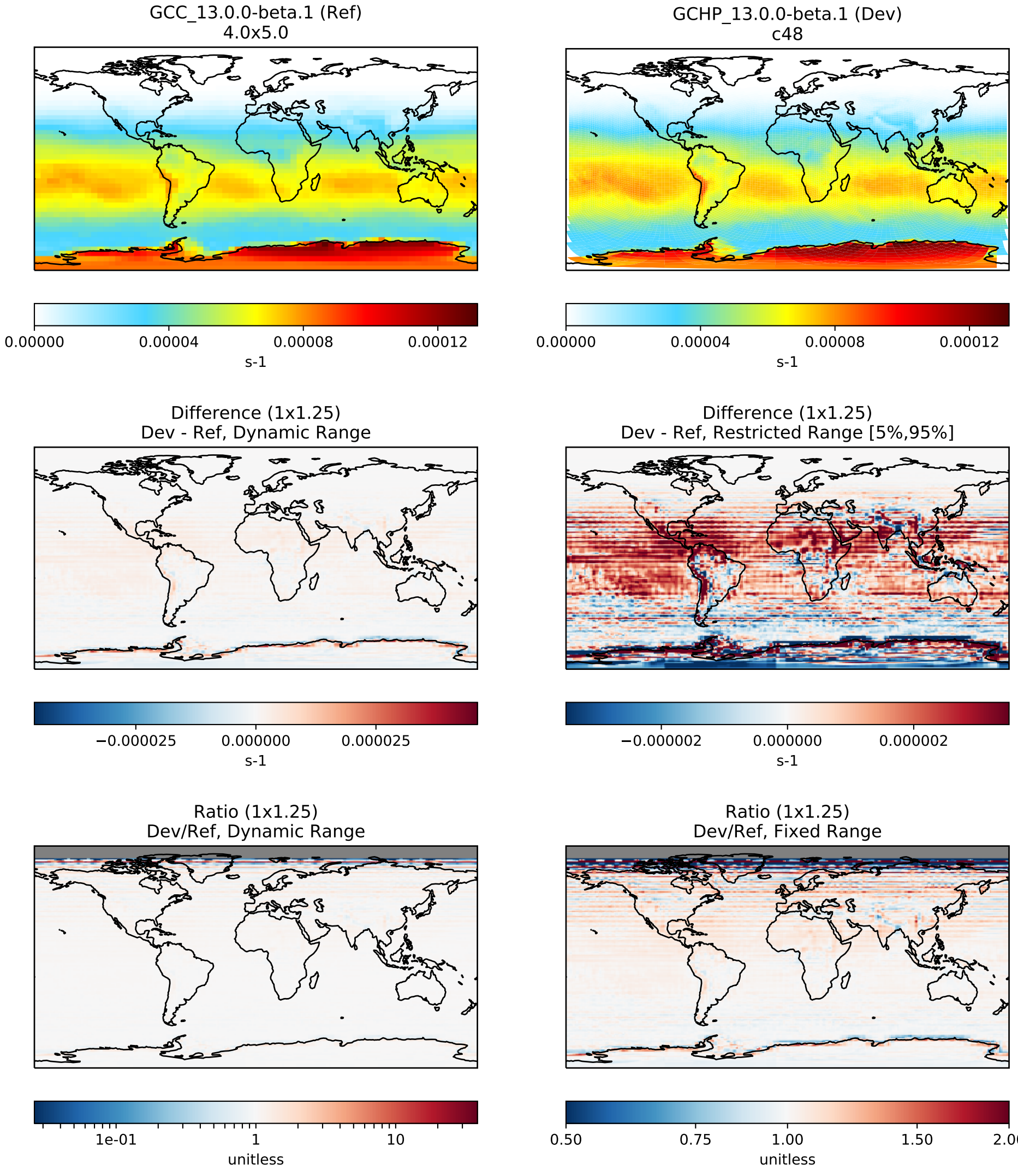
Jval_ClNO2 (Jan2019)



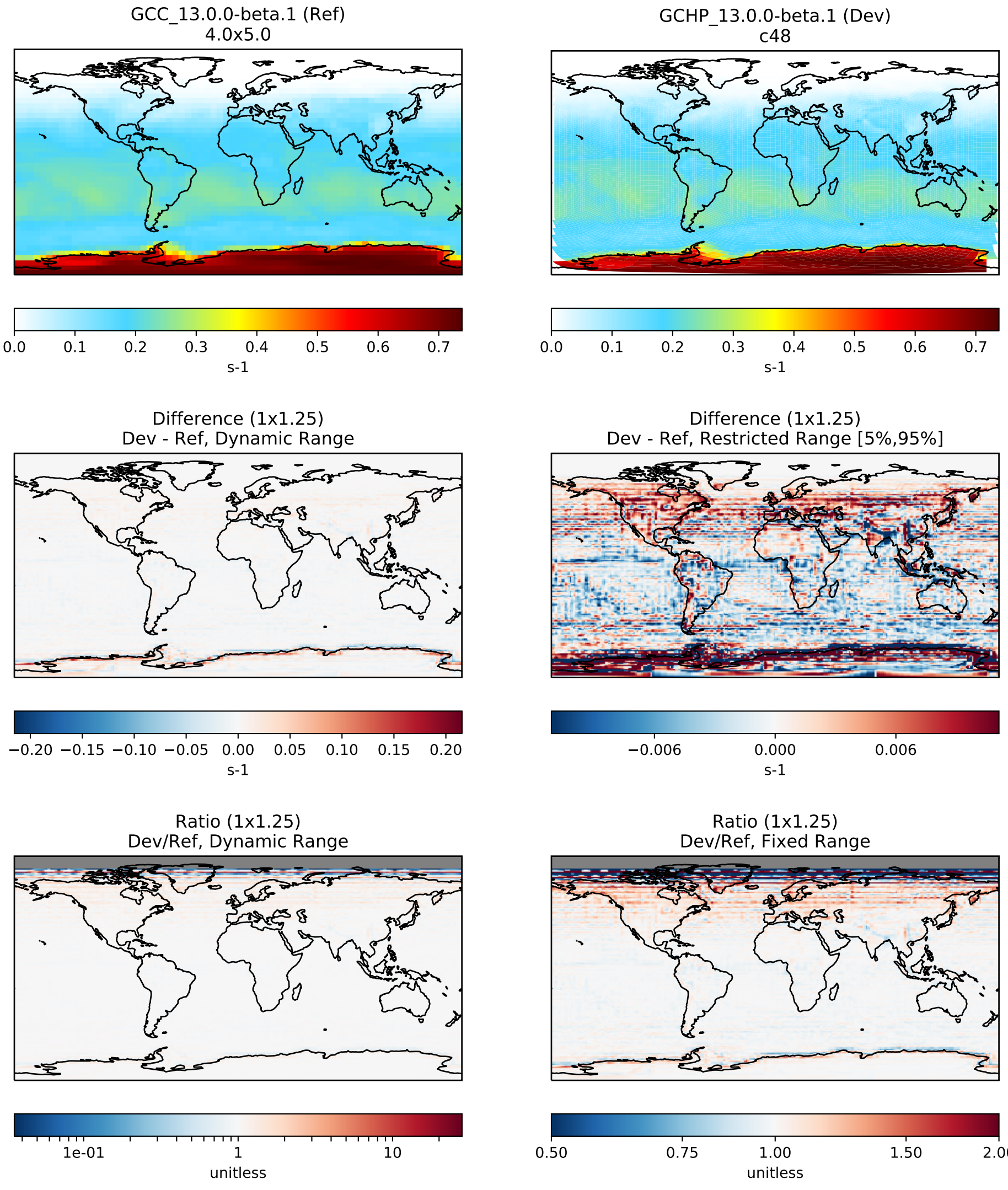
Jval_ClNO3 (Jan2019)



Jval_ClO (Jan2019)

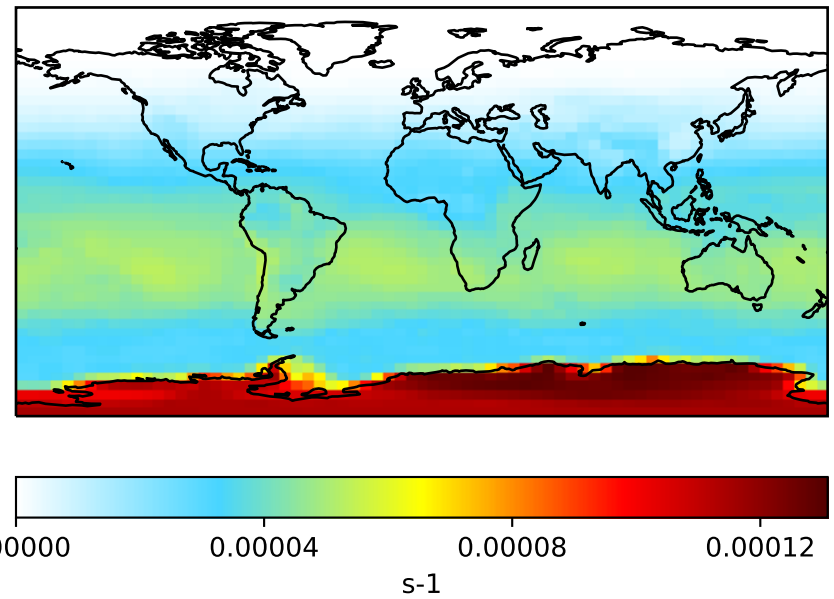


Jval_ClOO (Jan2019)

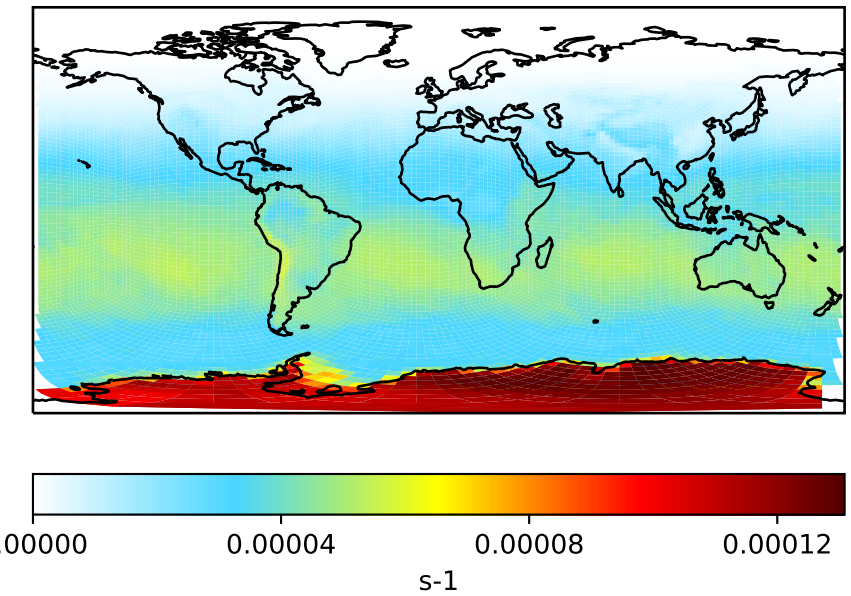


Jval_ETHLN (Jan2019)

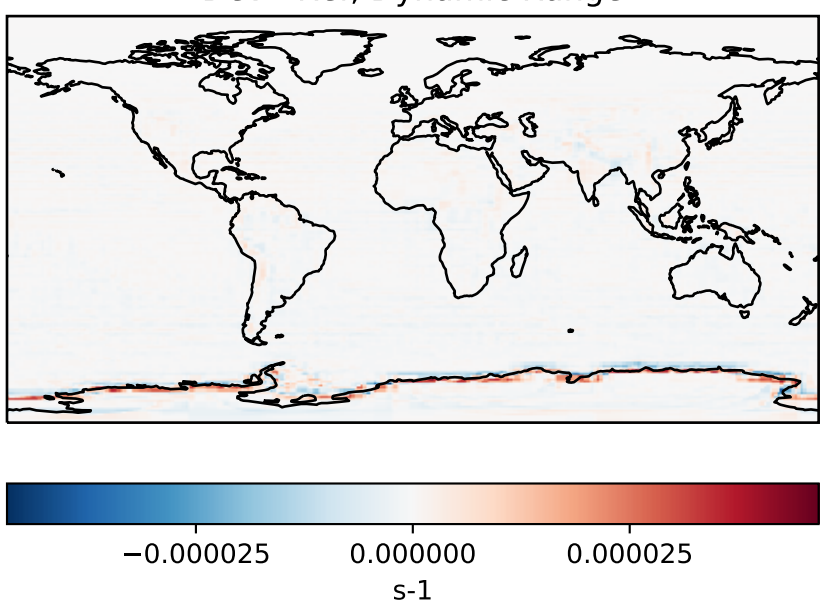
GCC_13.0.0-beta.1 (Ref)
4.0x5.0



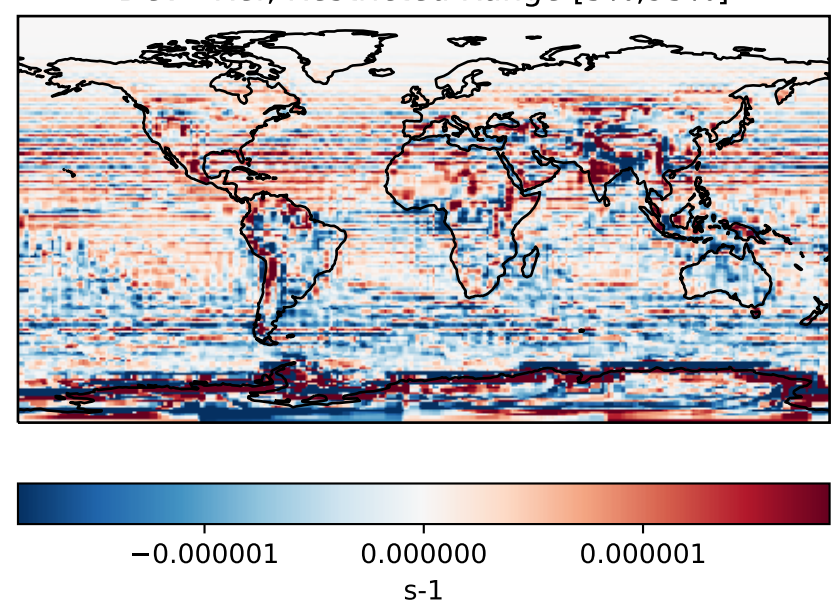
GCHP_13.0.0-beta.1 (Dev)
c48



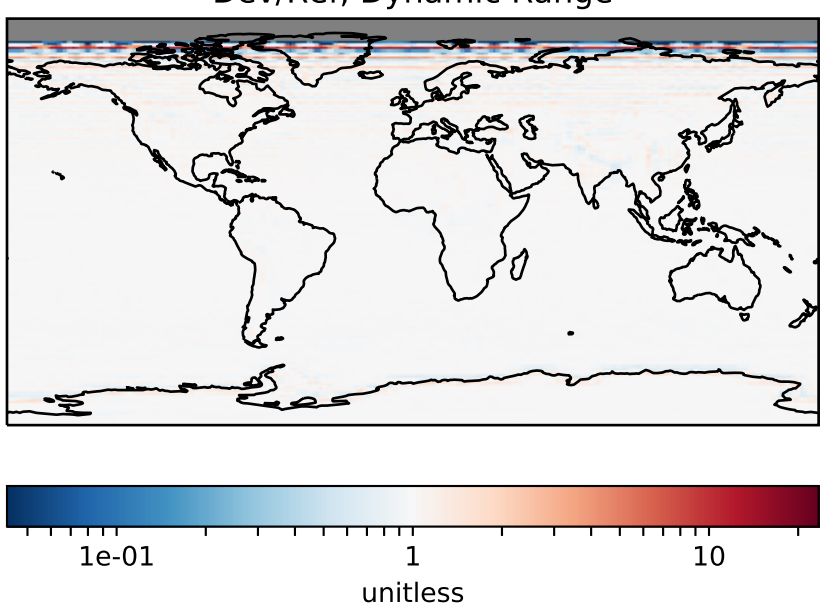
Difference (1x1.25)
Dev - Ref, Dynamic Range



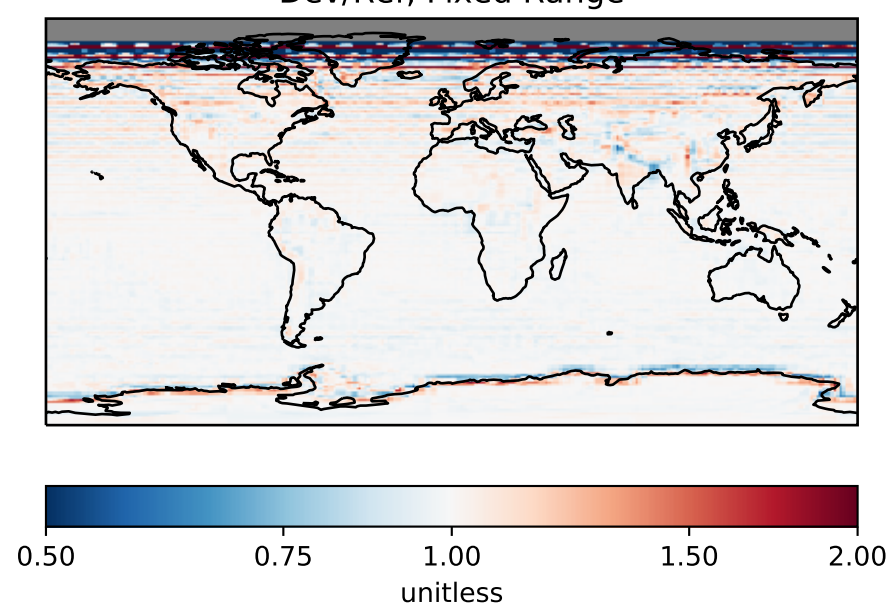
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



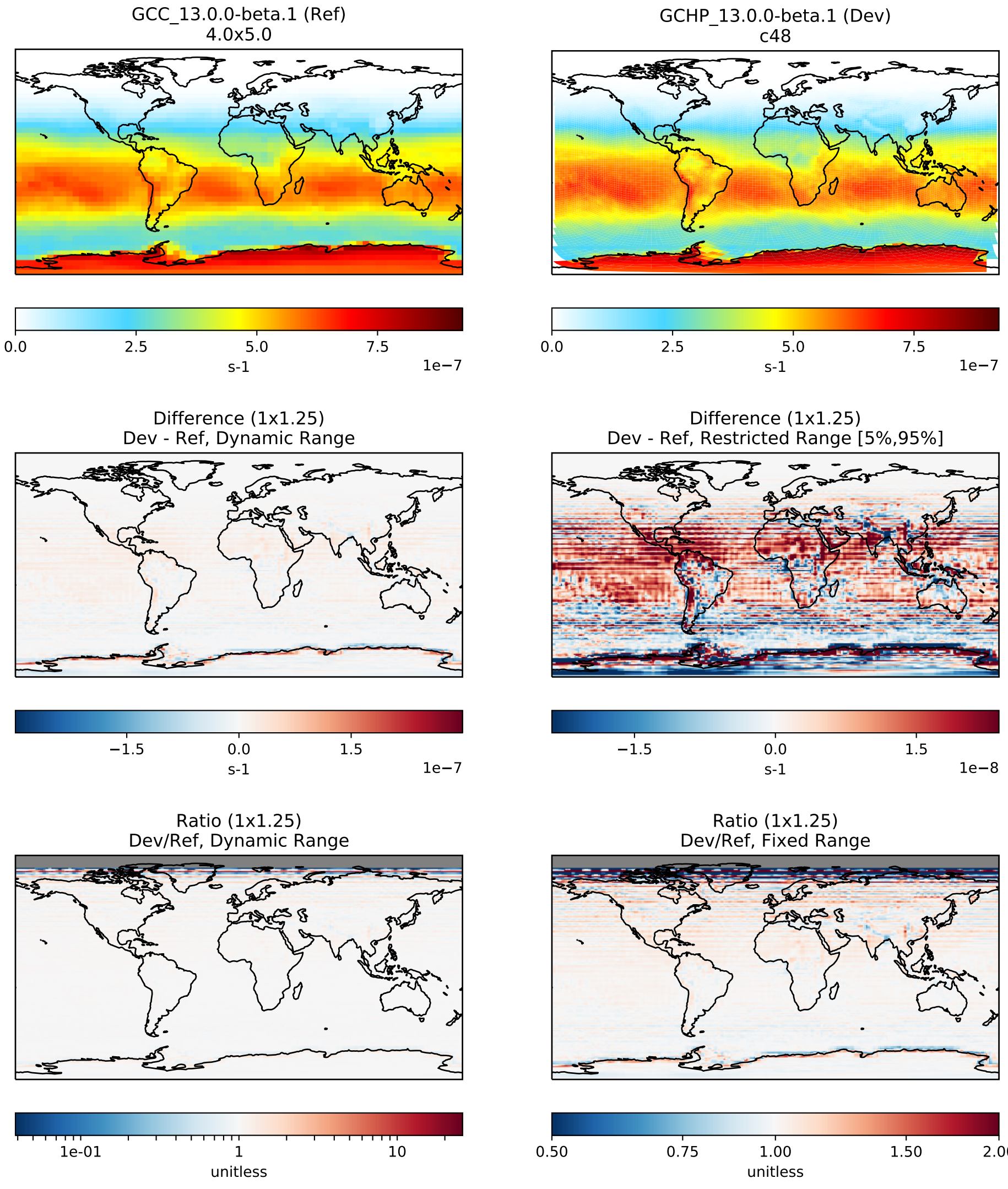
Ratio (1x1.25)
Dev/Ref, Dynamic Range



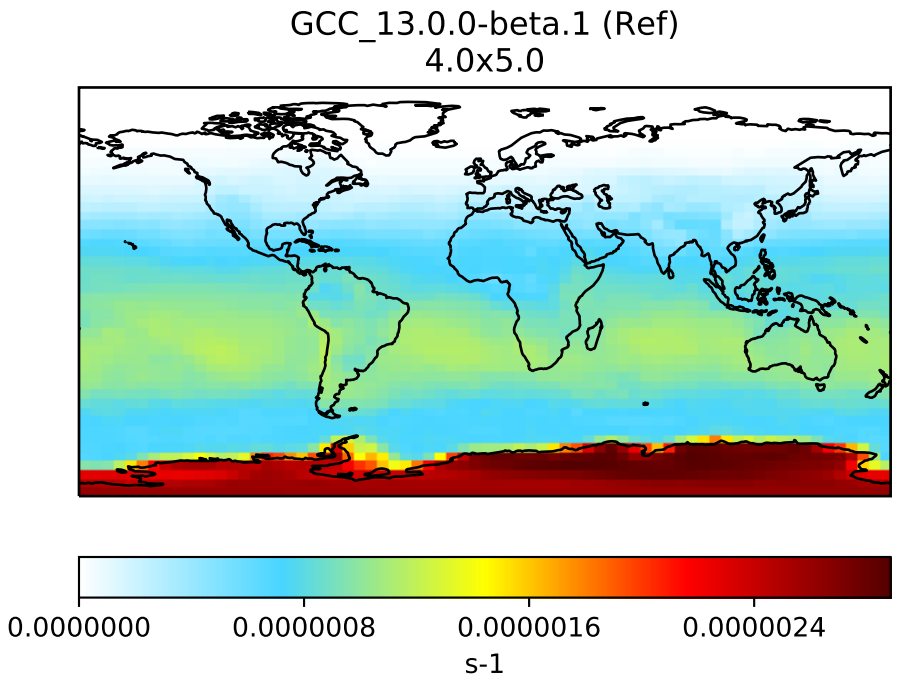
Ratio (1x1.25)
Dev/Ref, Fixed Range

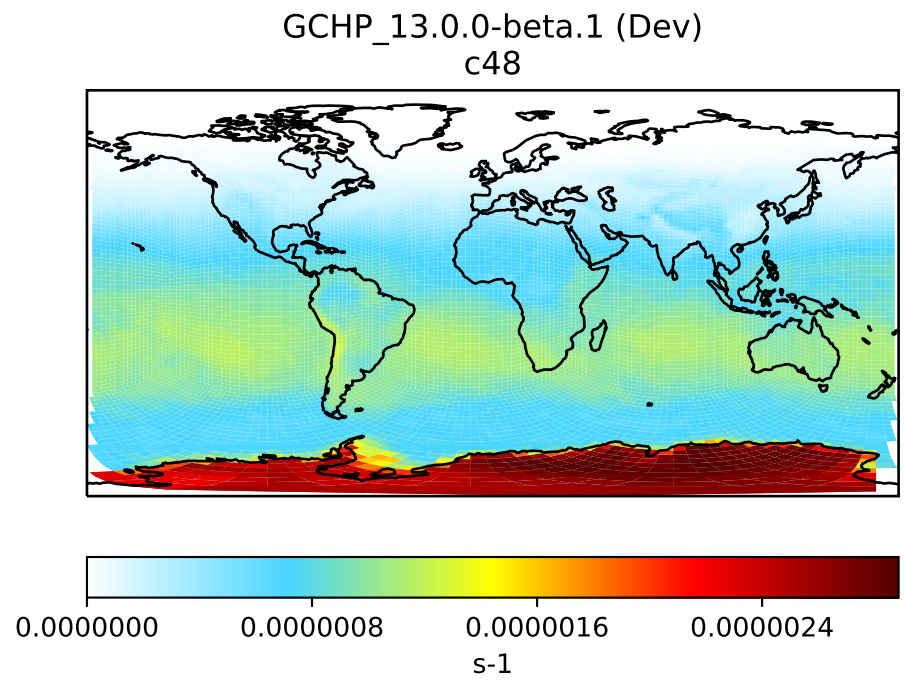


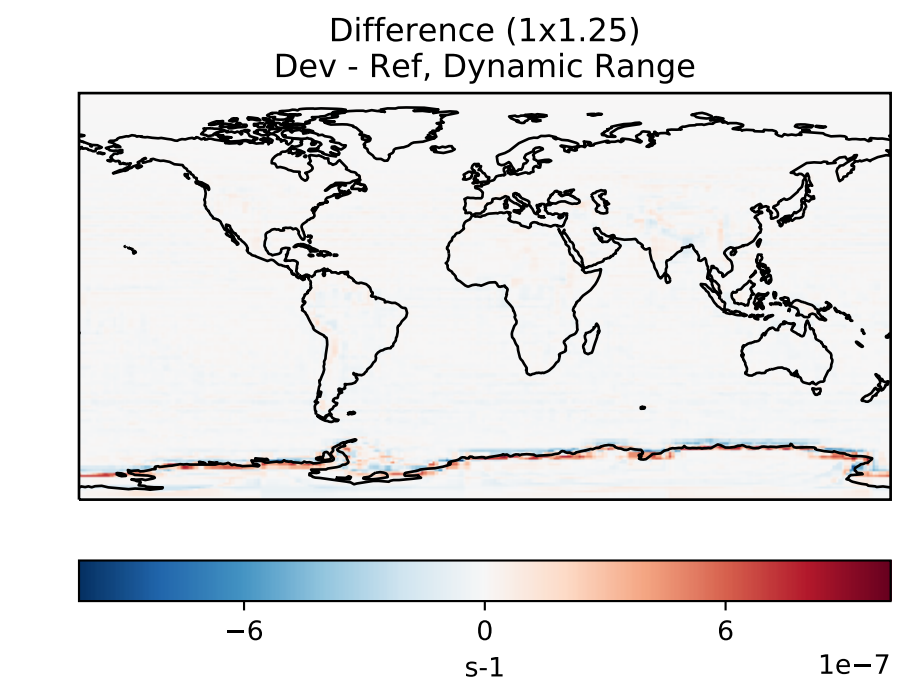
Jval_ETNO3 (Jan2019)

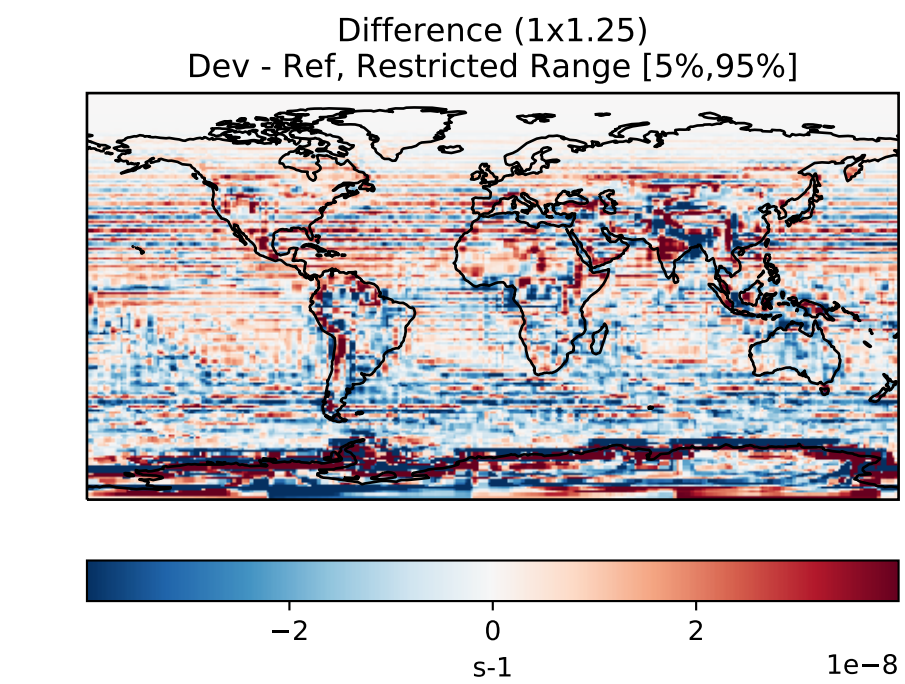


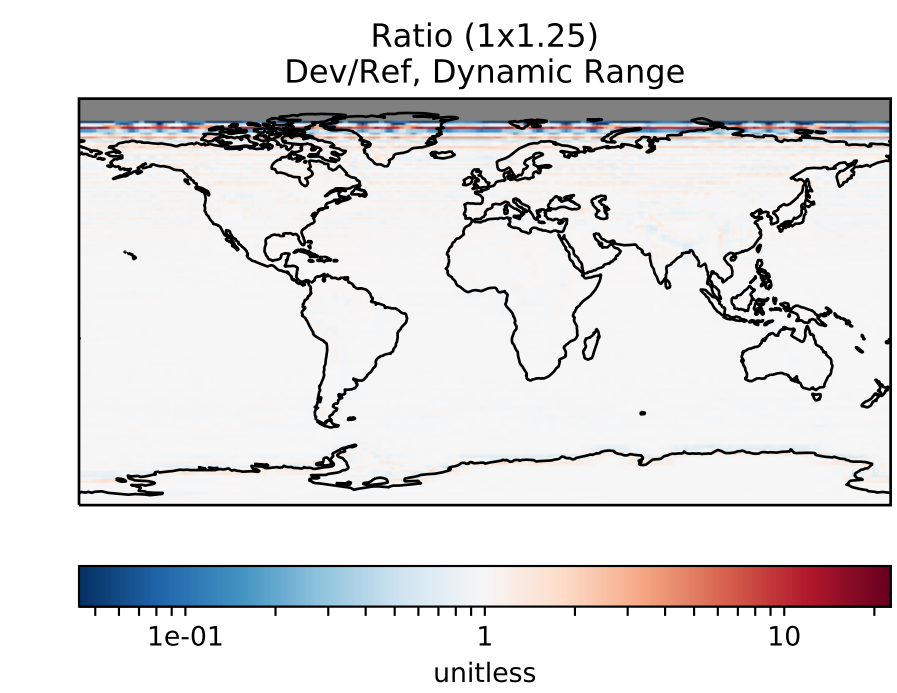
Jval_ETP (Jan2019)

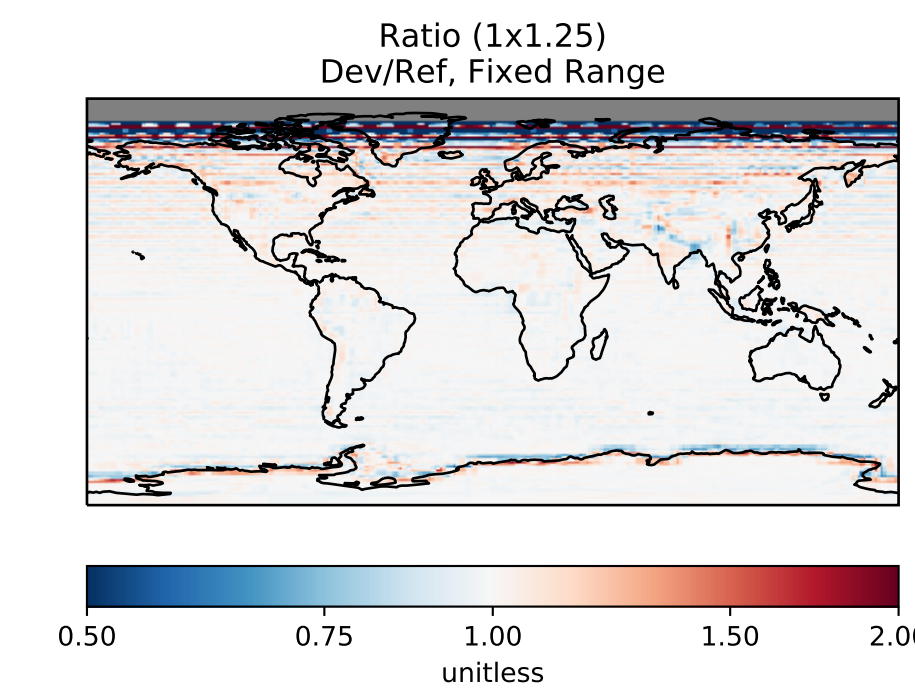




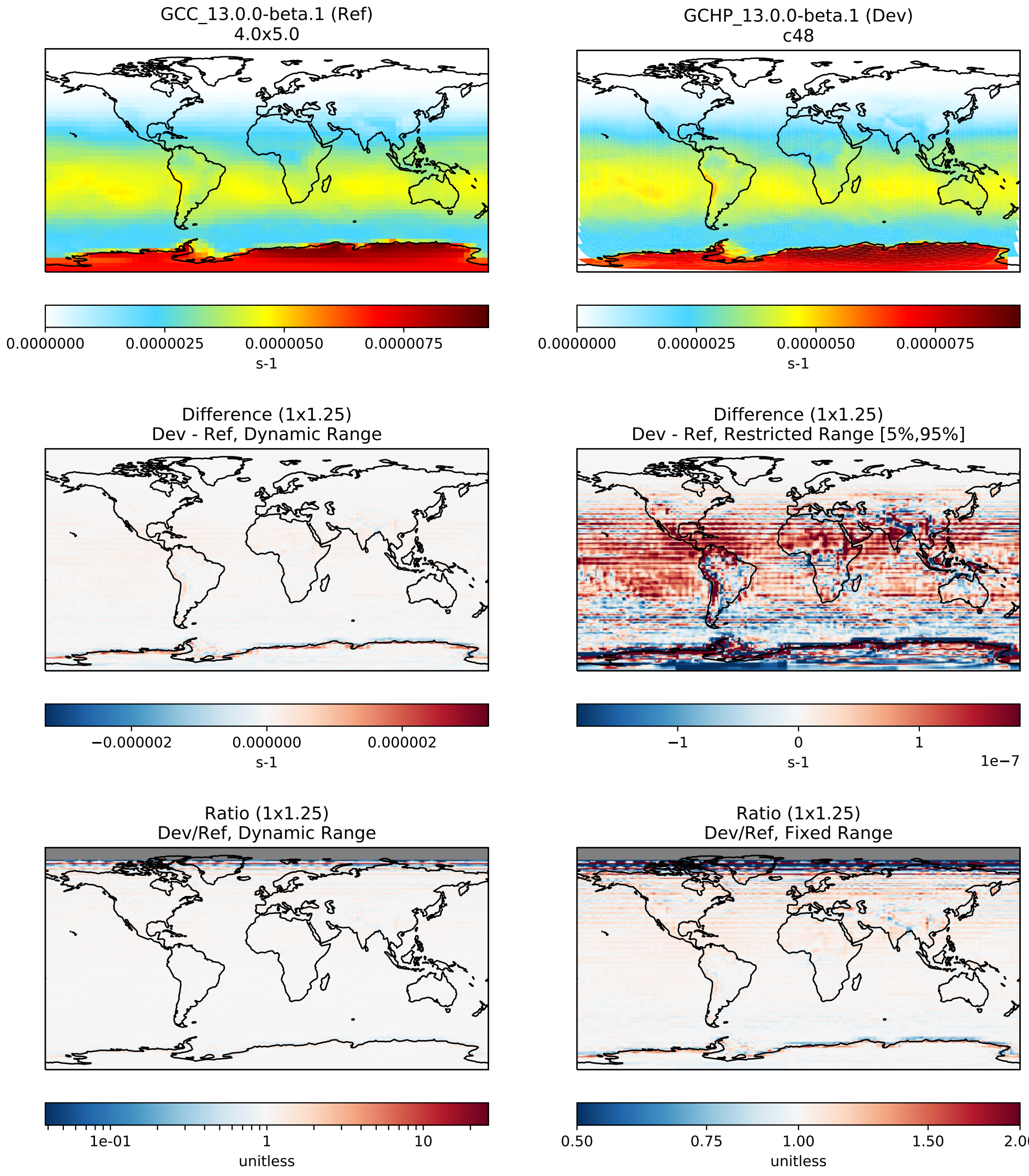




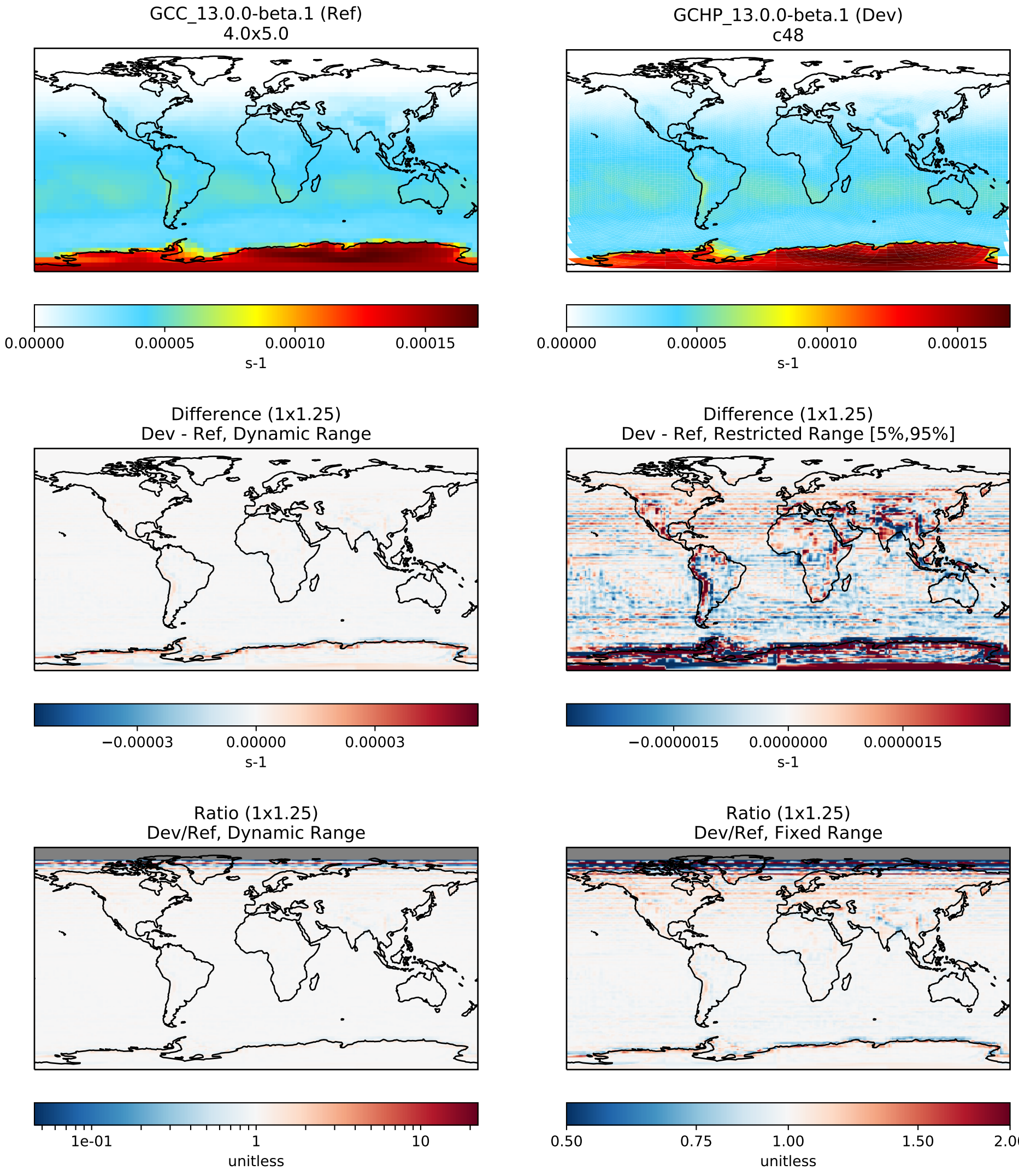




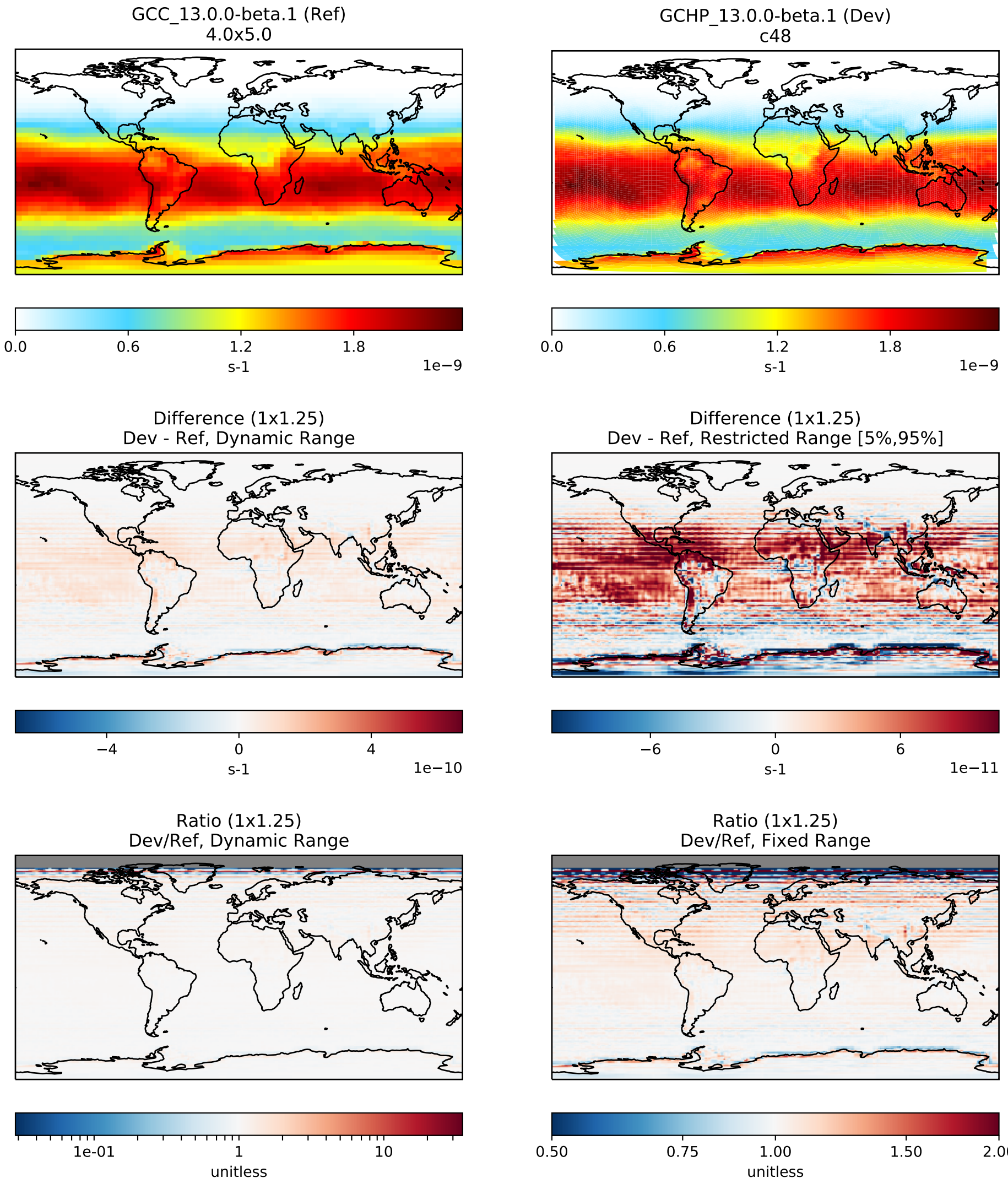
Jval_GLYC (Jan2019)



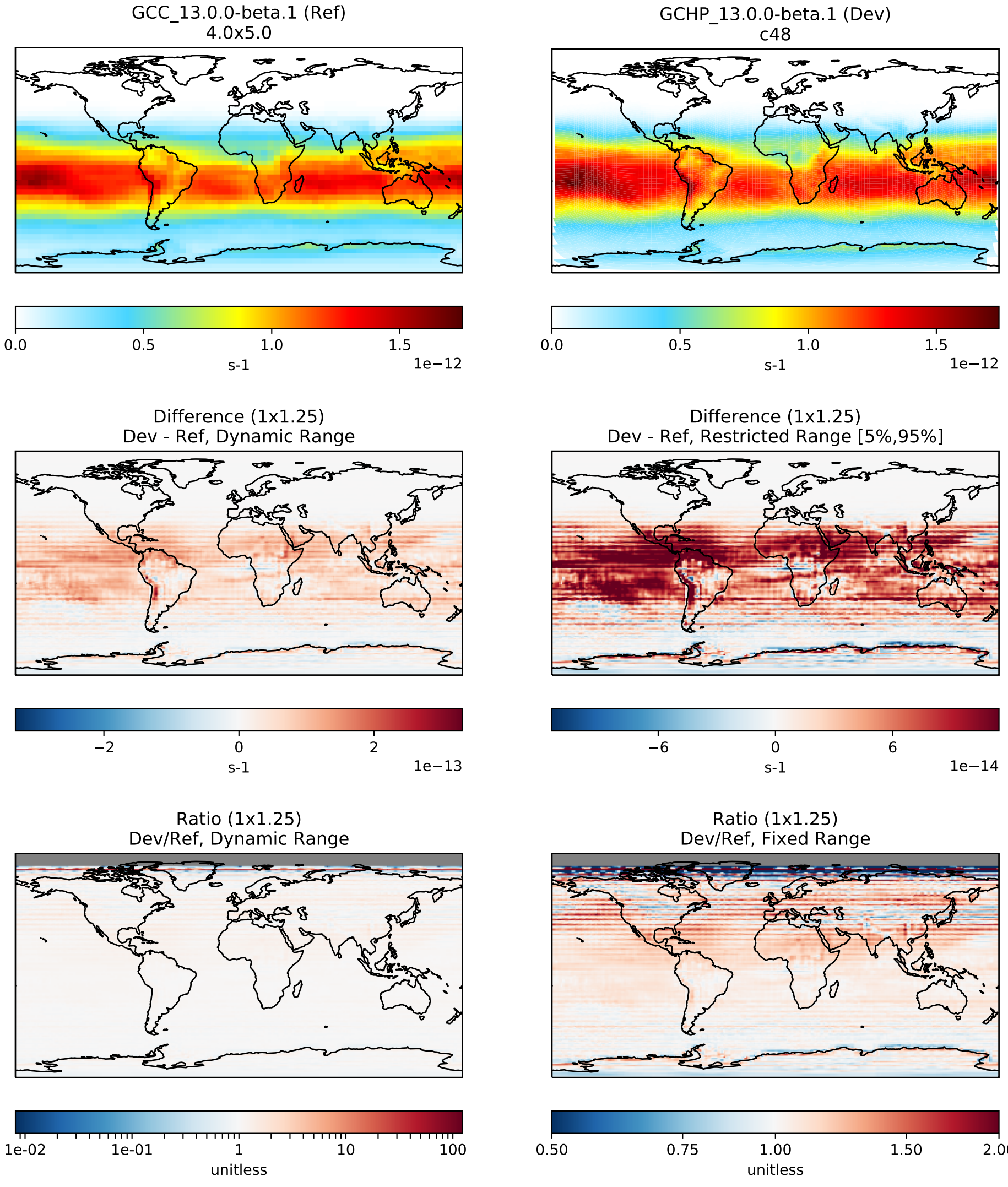
Jval_GLYX (Jan2019)



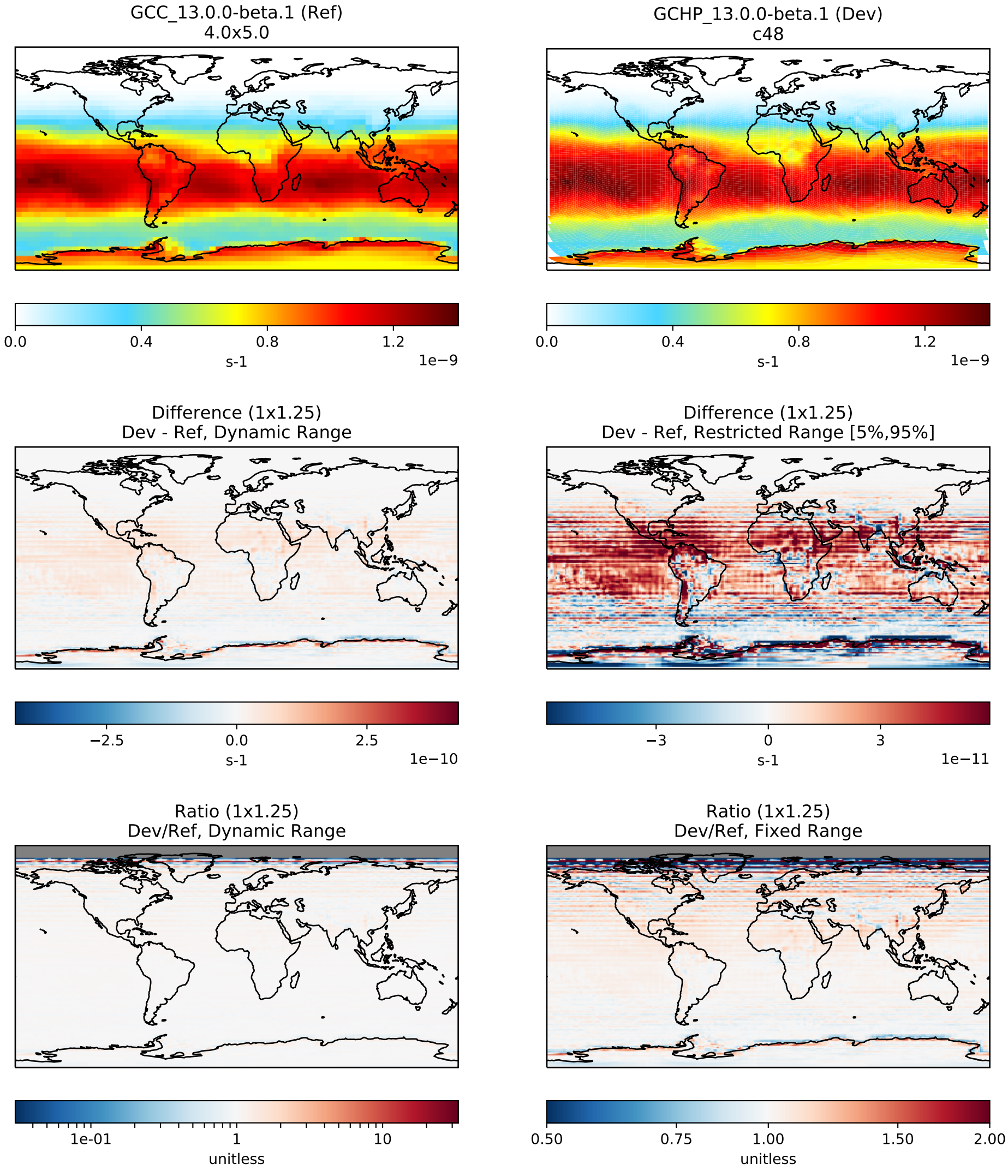
Jval_H1211 (Jan2019)



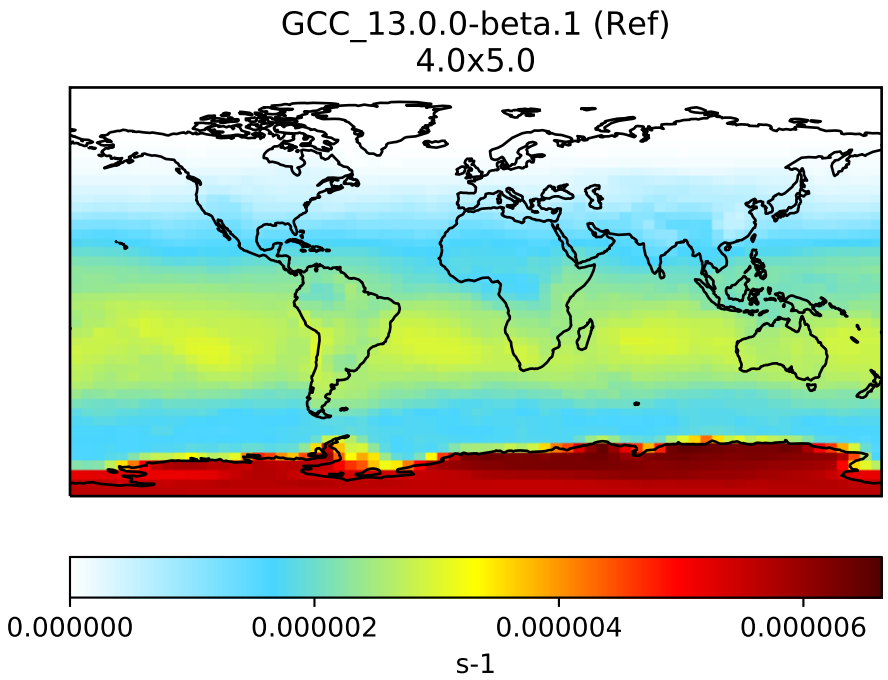
Jval_H1301 (Jan2019)

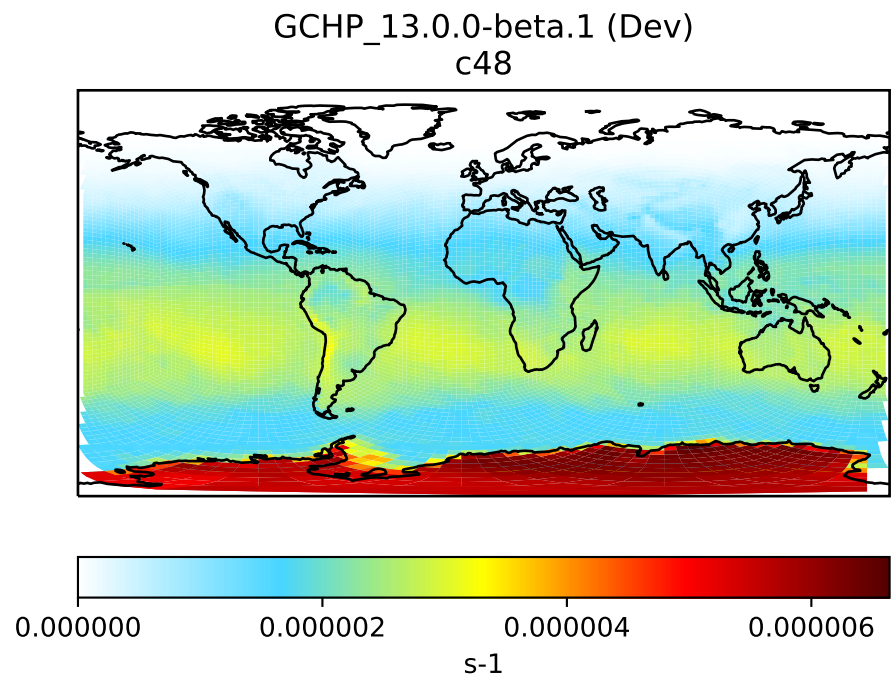


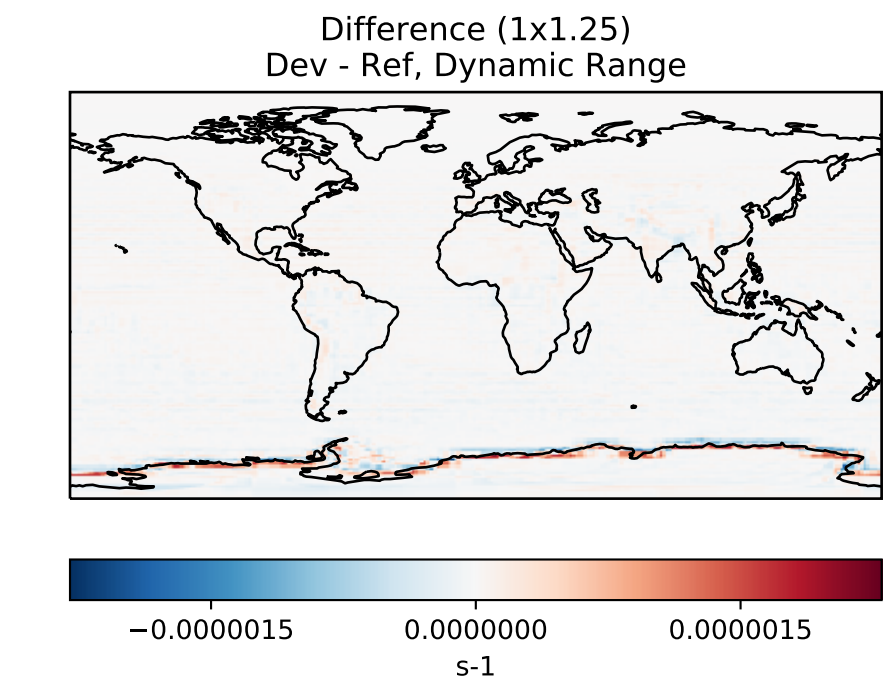
Jval_H2402 (Jan2019)

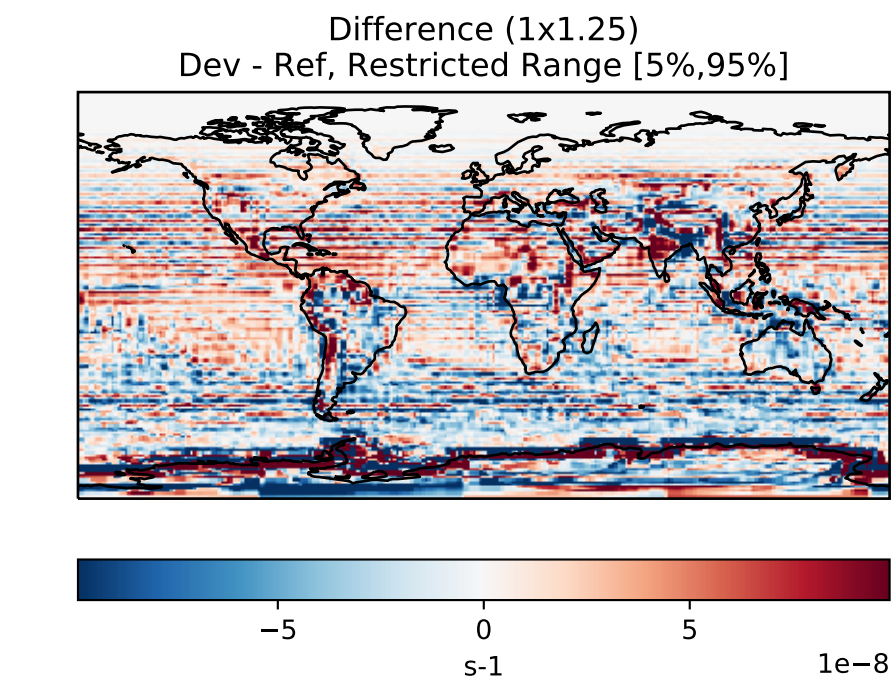


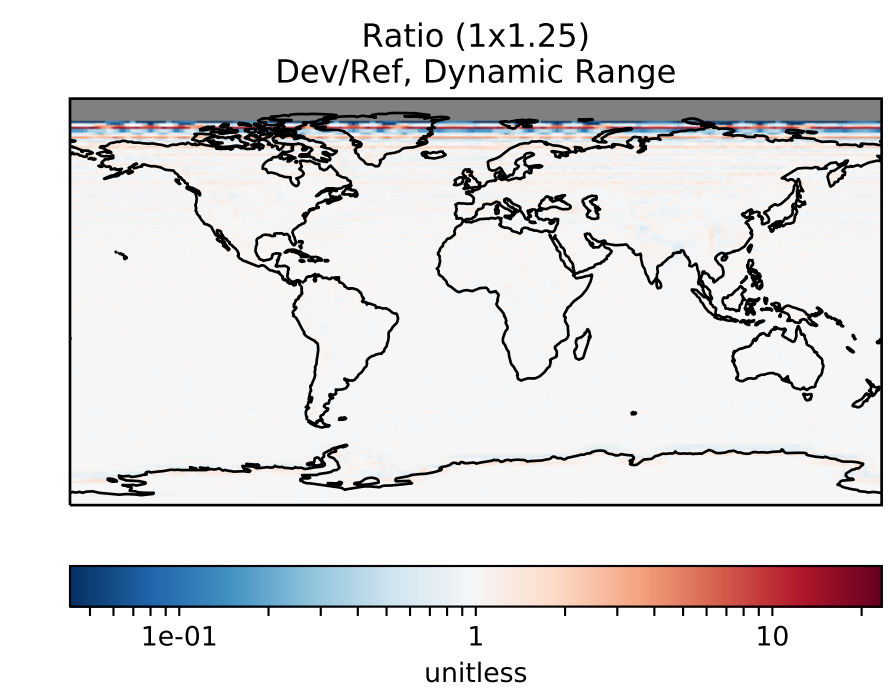
Jval_H2O2 (Jan2019)

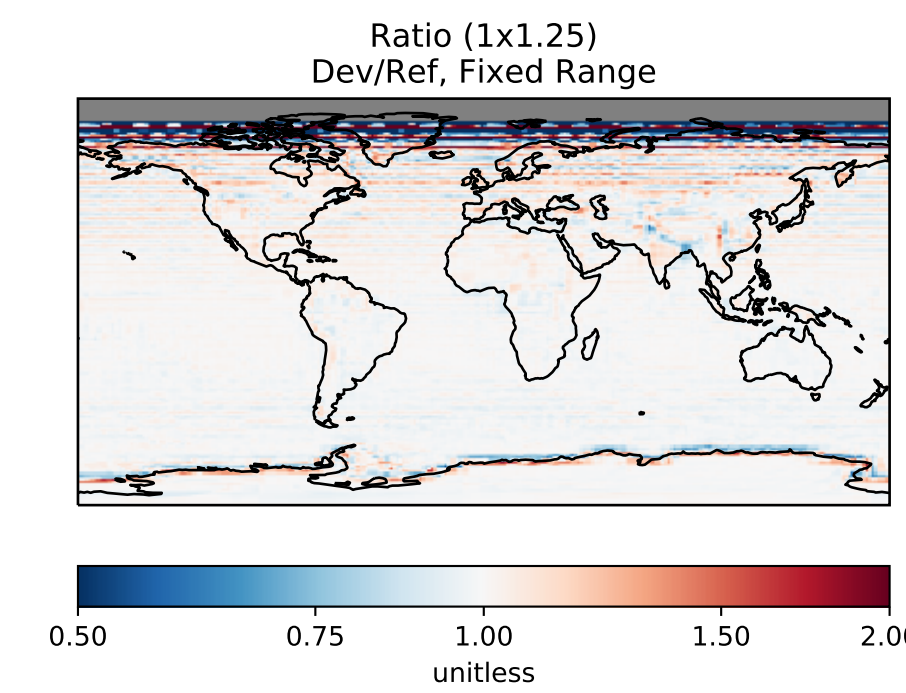




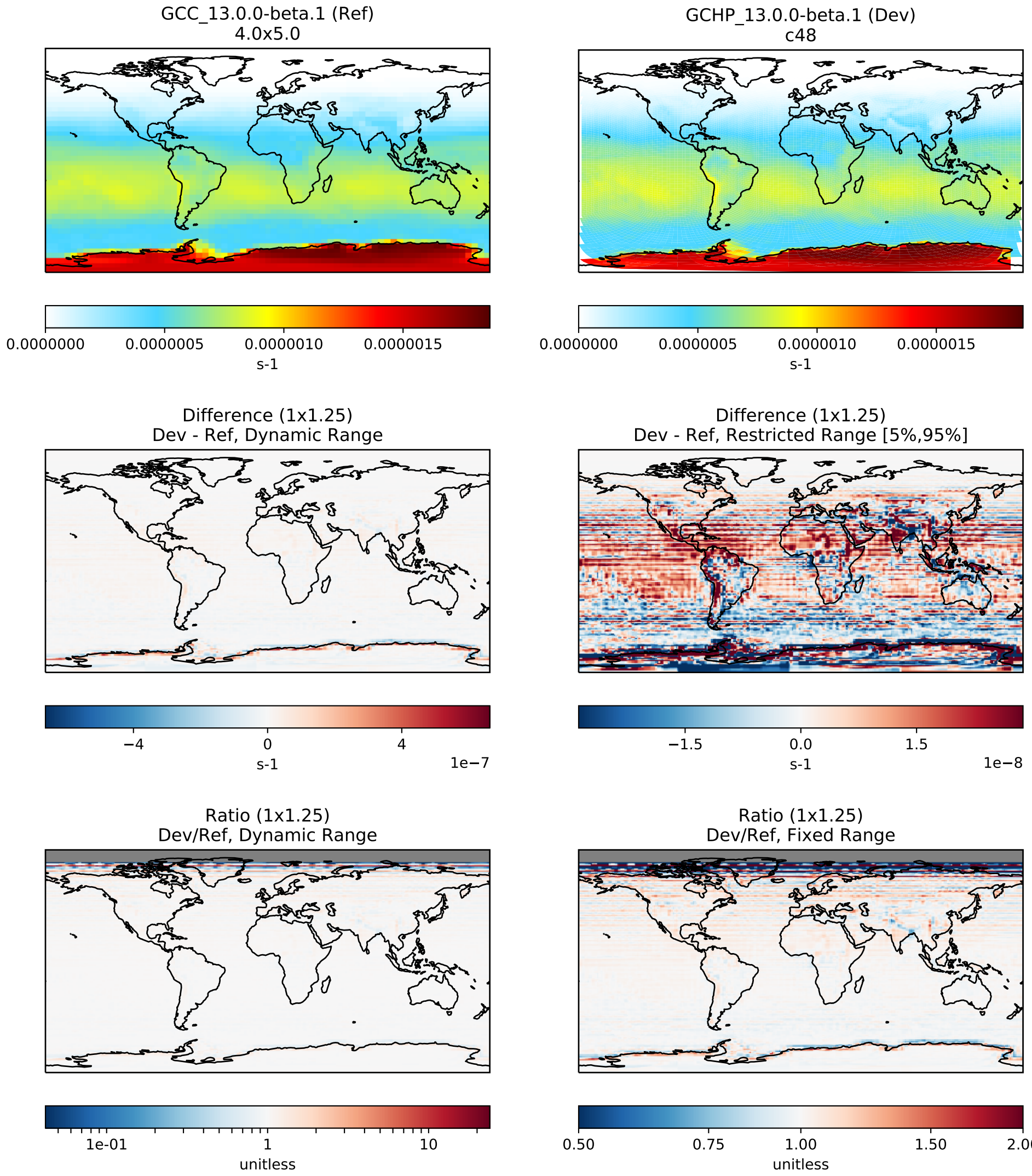






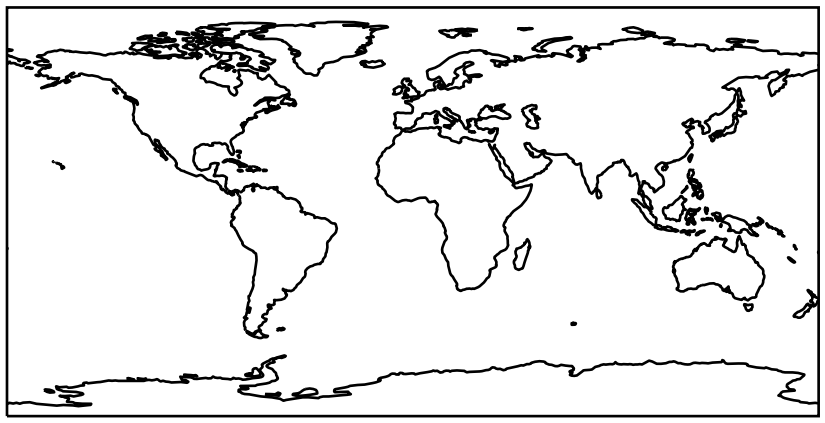


Jval_HAC (Jan2019)



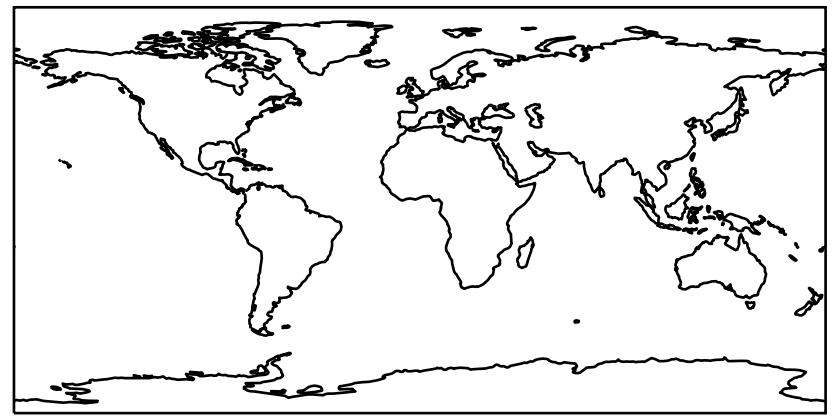
Jval_HC5A (Jan2019)

GCC_13.0.0-beta.1 (Ref)
4.0x5.0



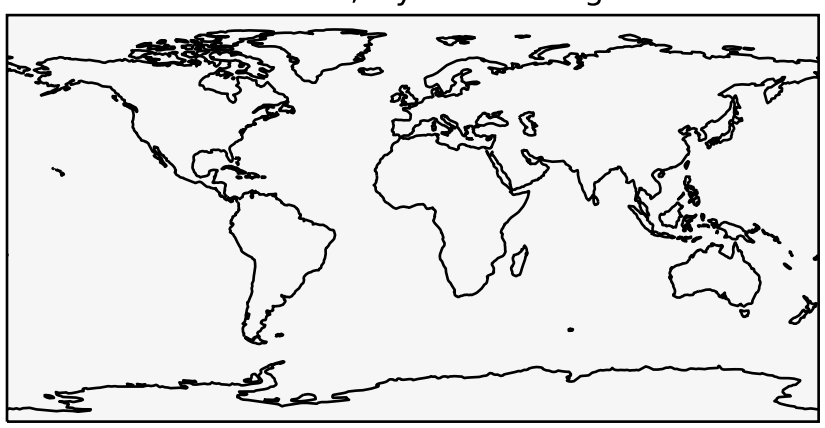
Zero throughout domain
s-1

GCHP_13.0.0-beta.1 (Dev)
c48



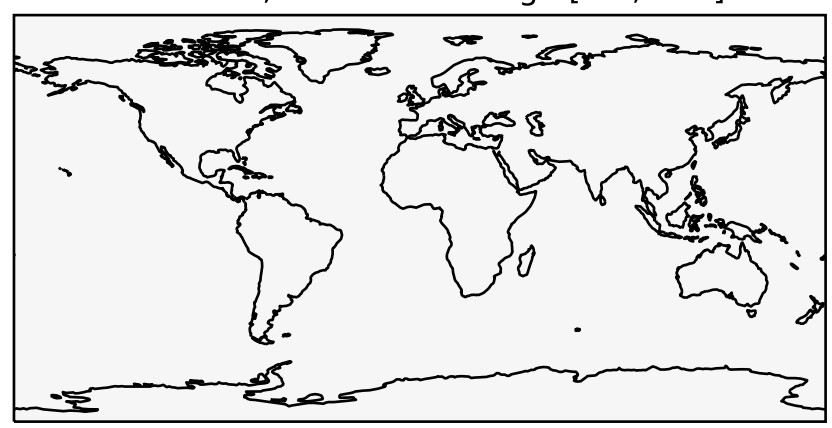
Zero throughout domain
s-1

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



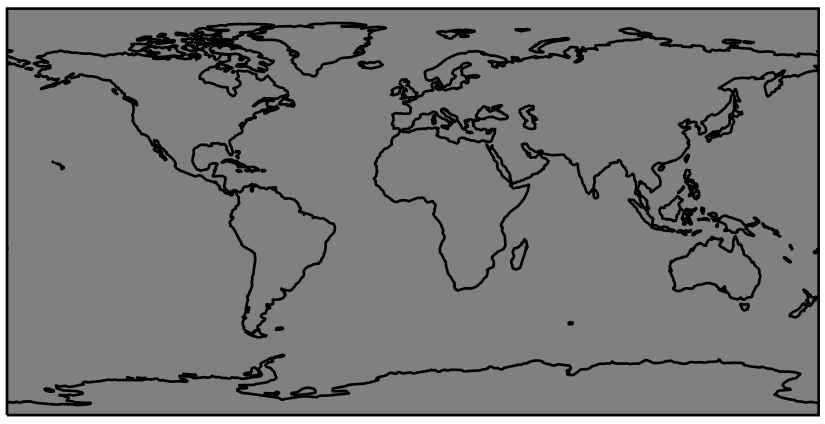
Zero throughout domain
s-1

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



Zero throughout domain
s-1

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



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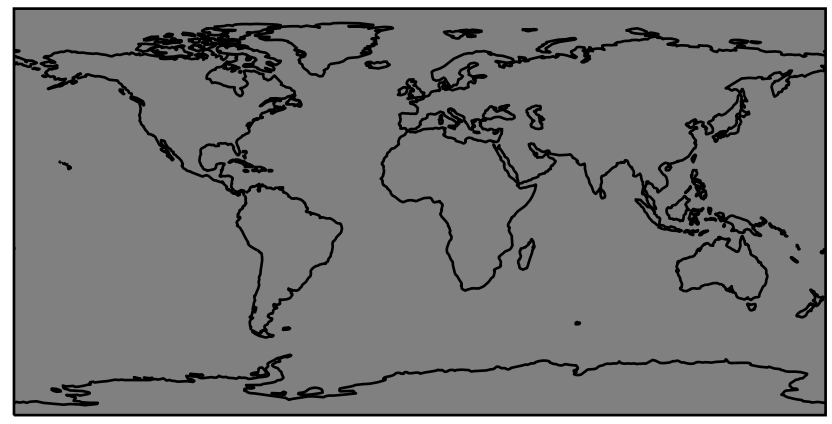
unitless

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



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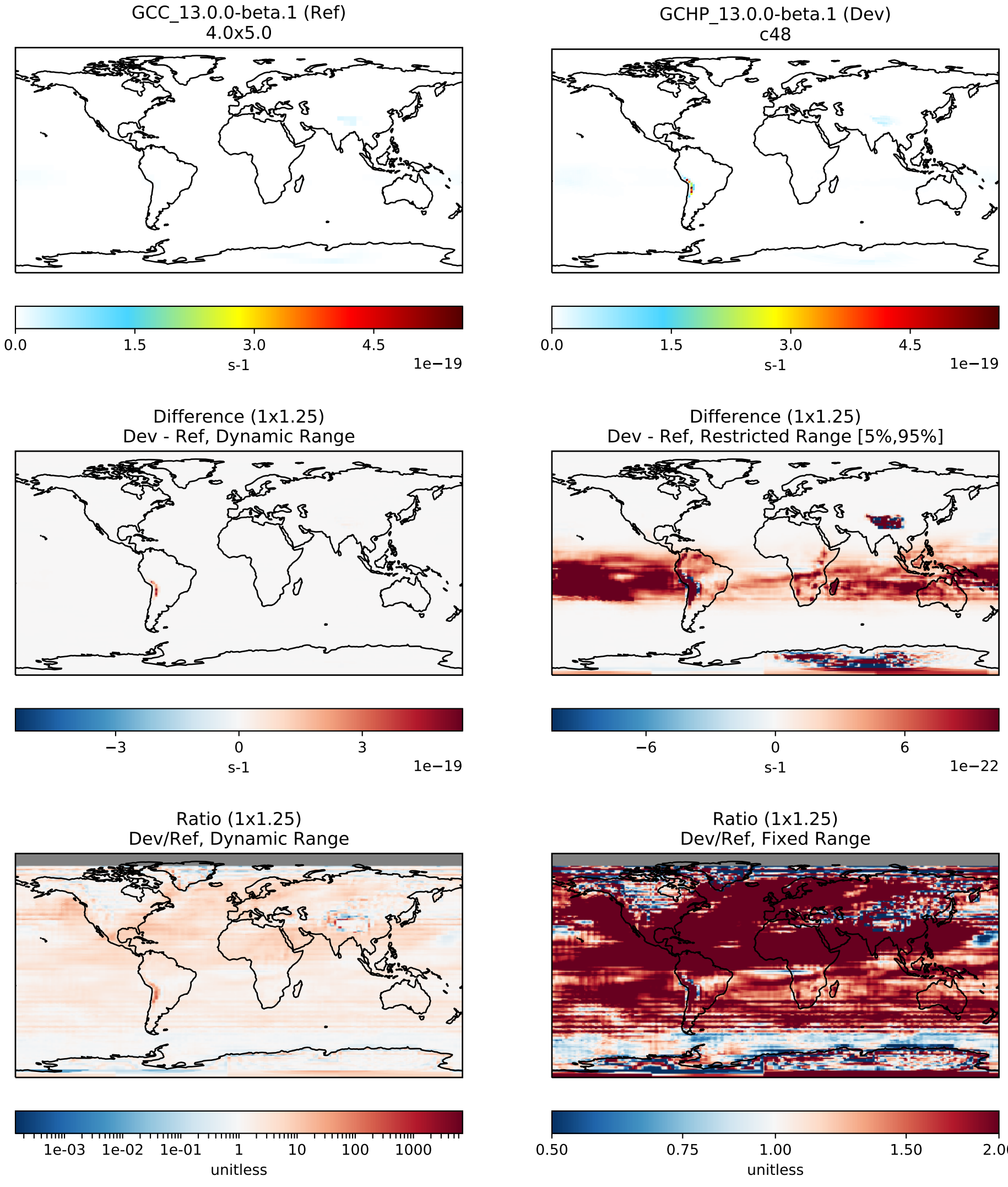
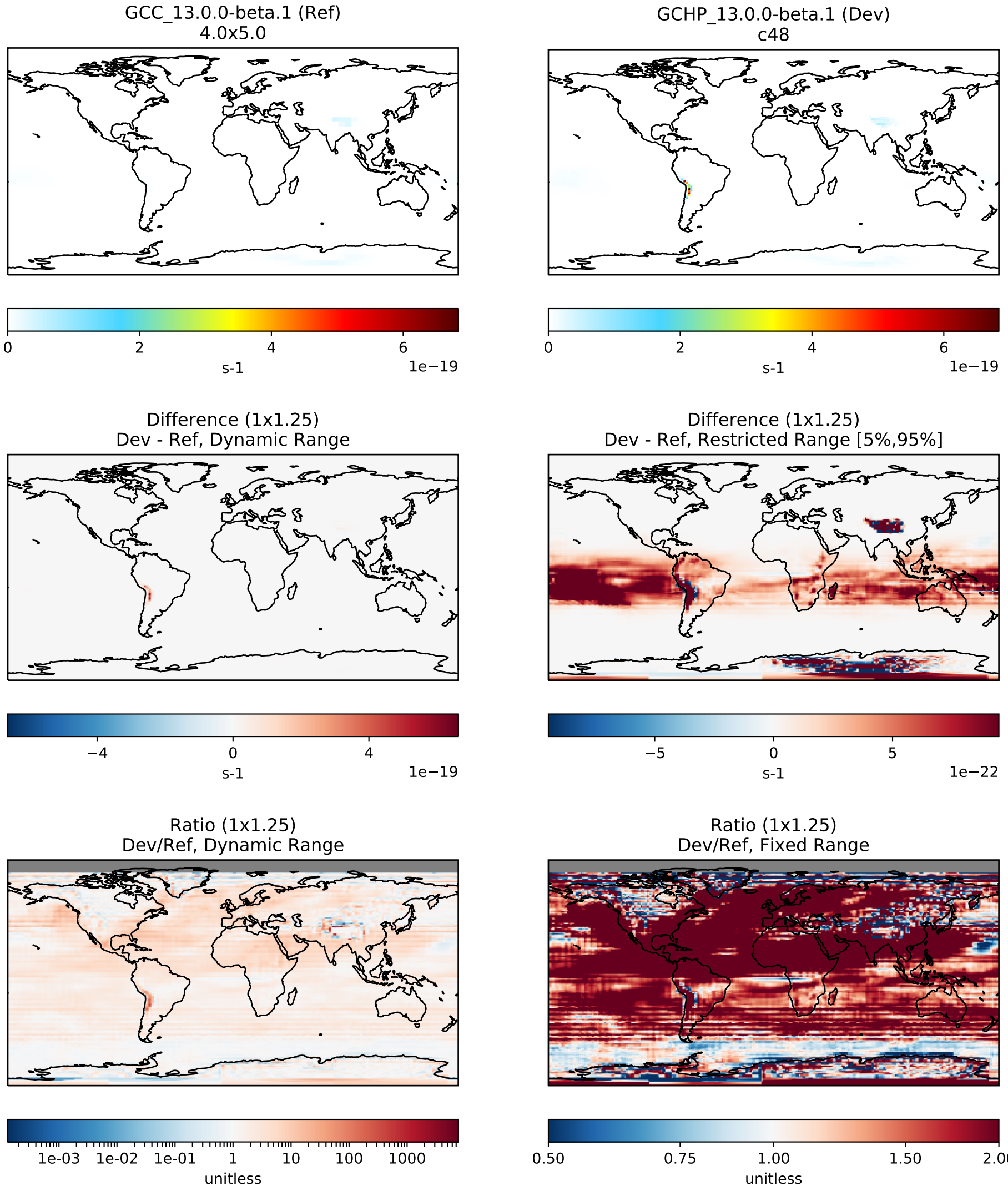
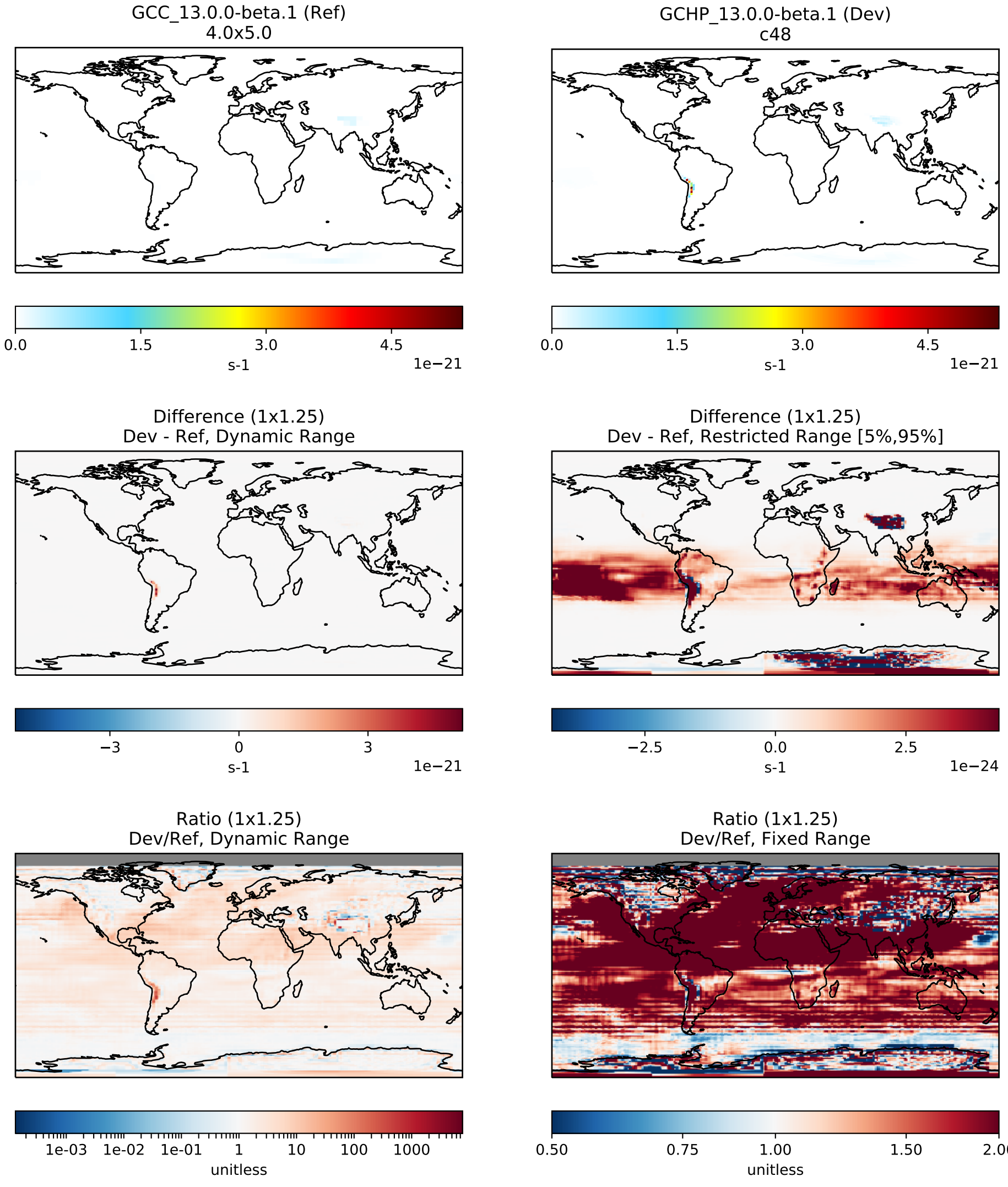
Jval_HCFC123 (Jan2019)



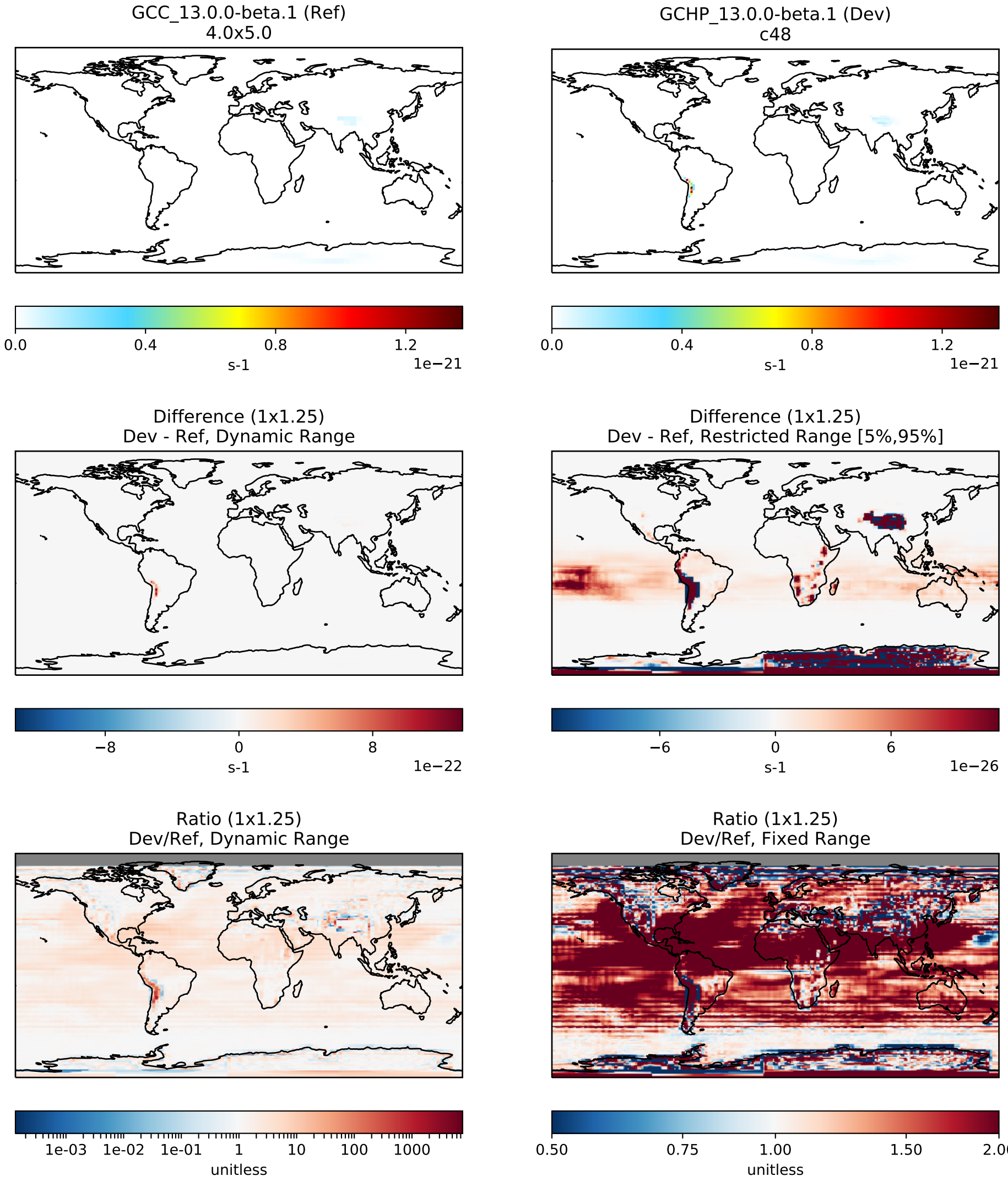
Jval_HCFC141b (Jan2019)



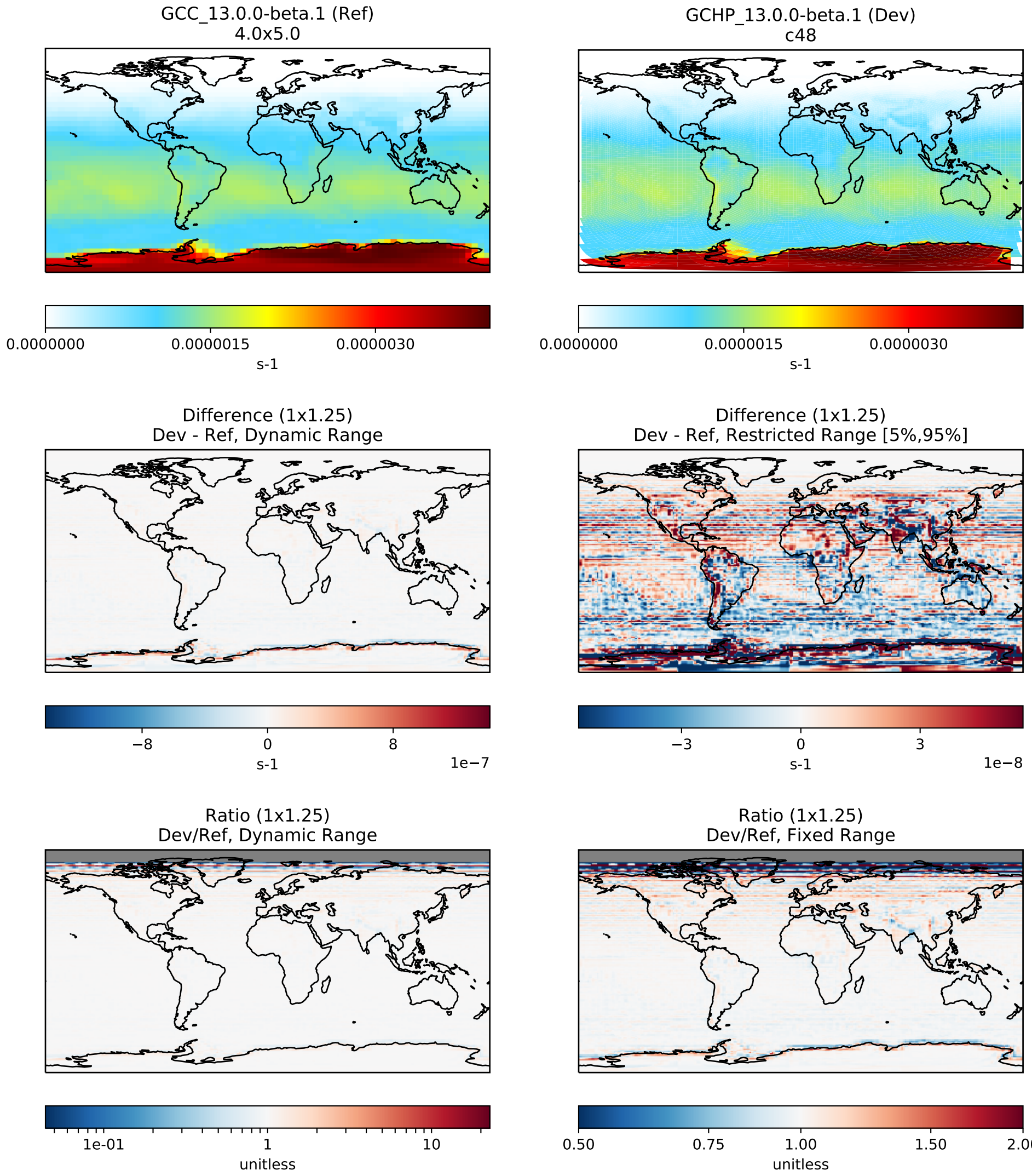
Jval_HCFC142b (Jan2019)



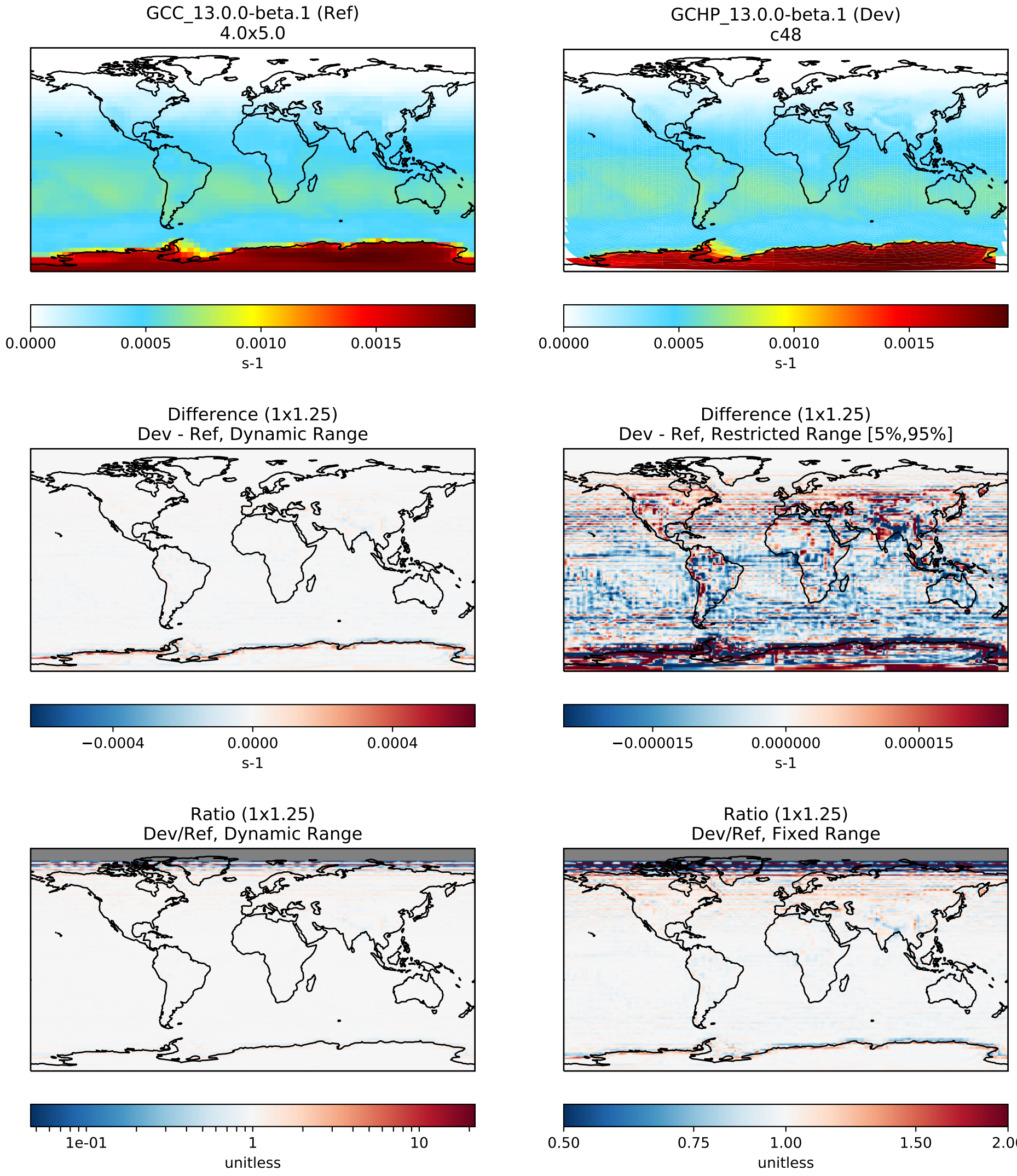
Jval_HCFC22 (Jan2019)



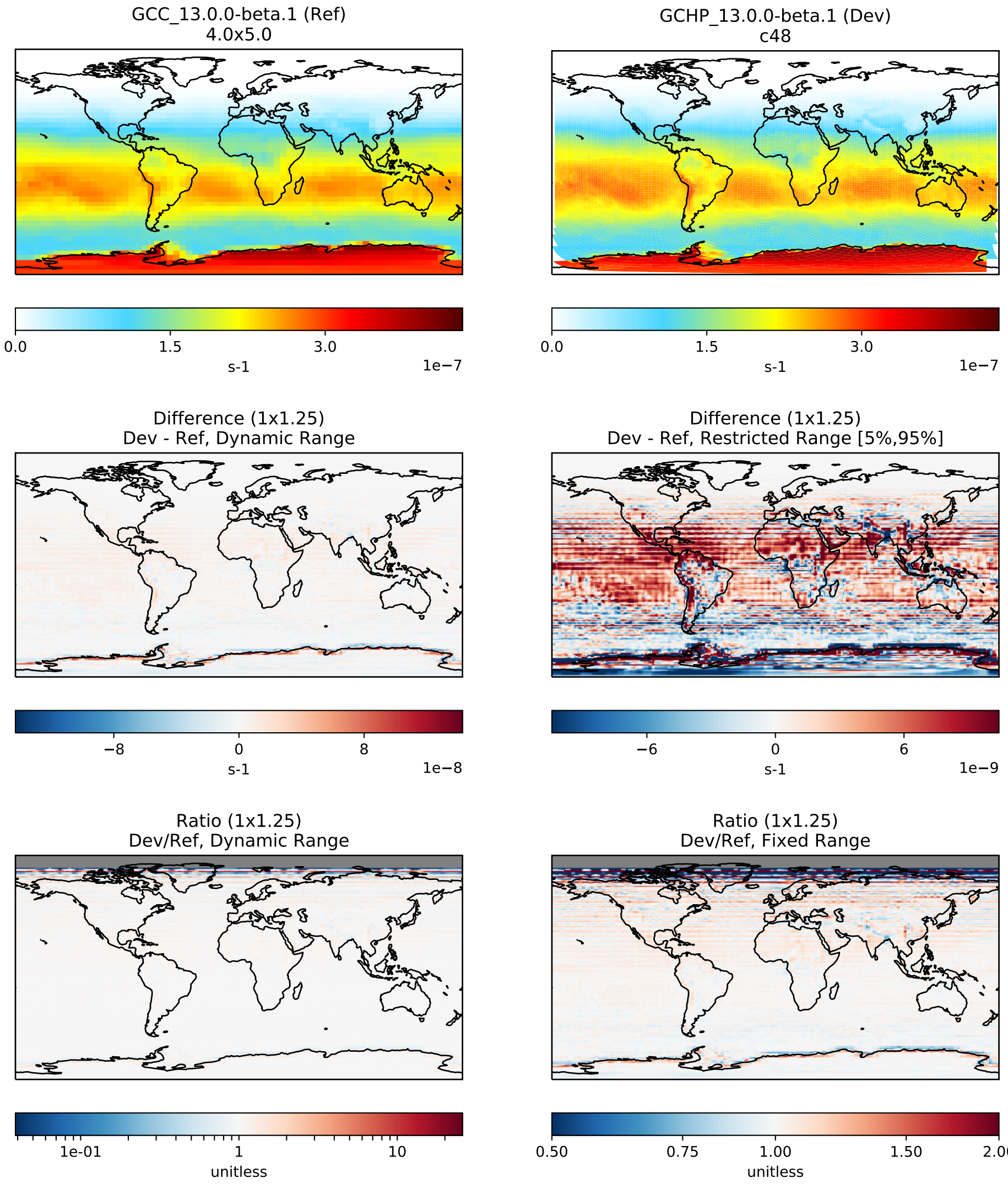
Jval_HMHP (Jan2019)



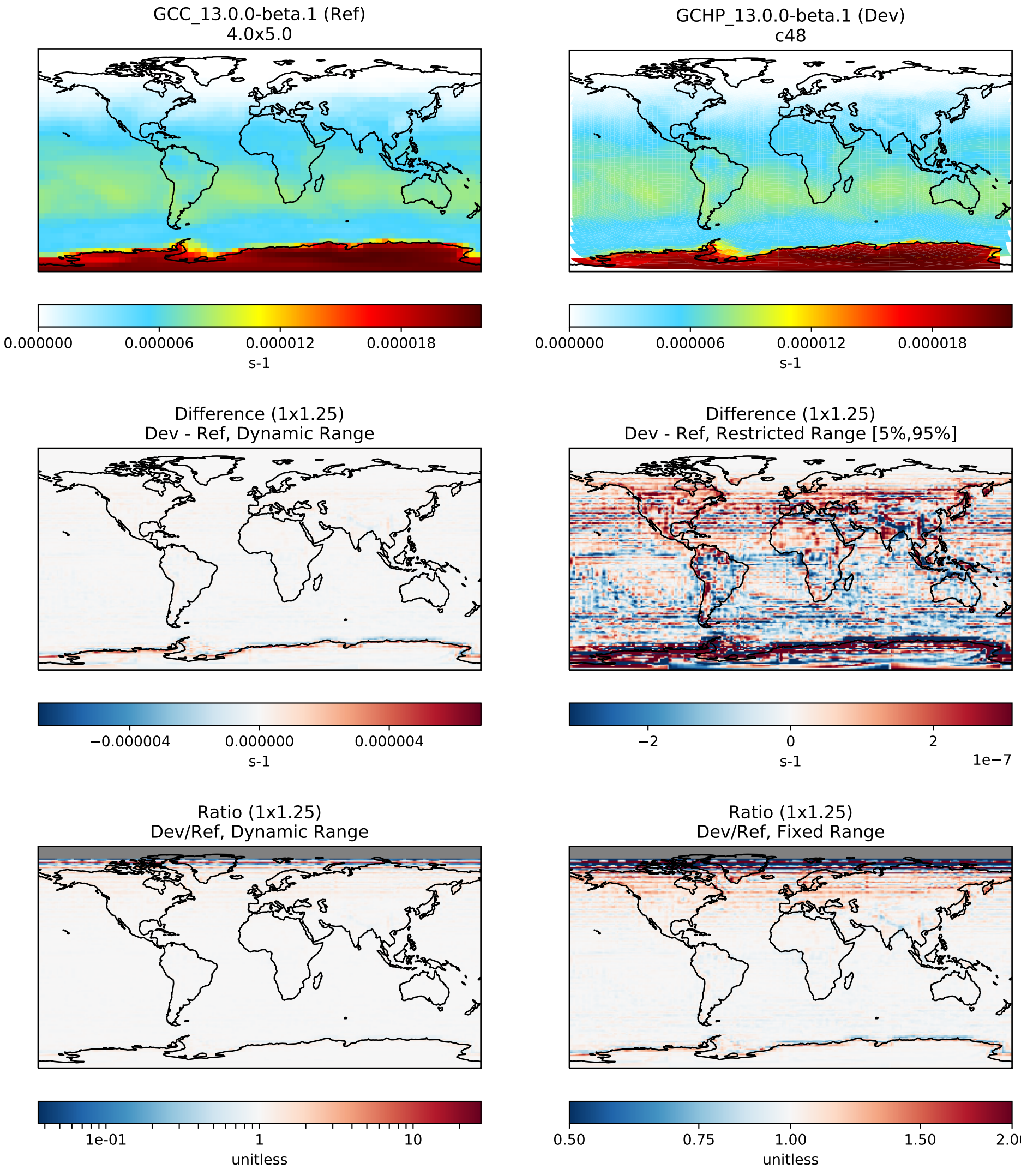
Jval_HNO2 (Jan2019)



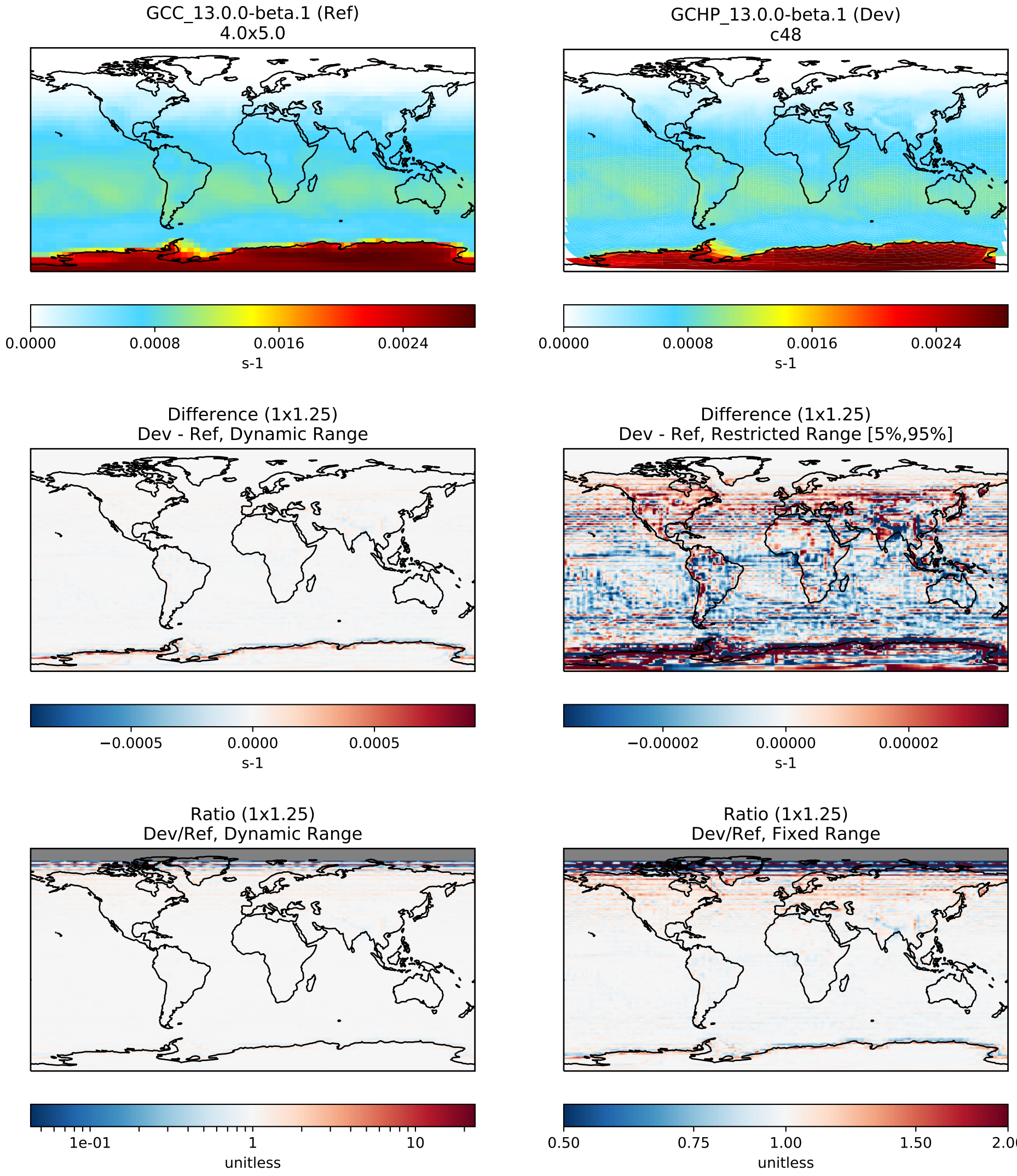
Jval_HNO3 (Jan2019)



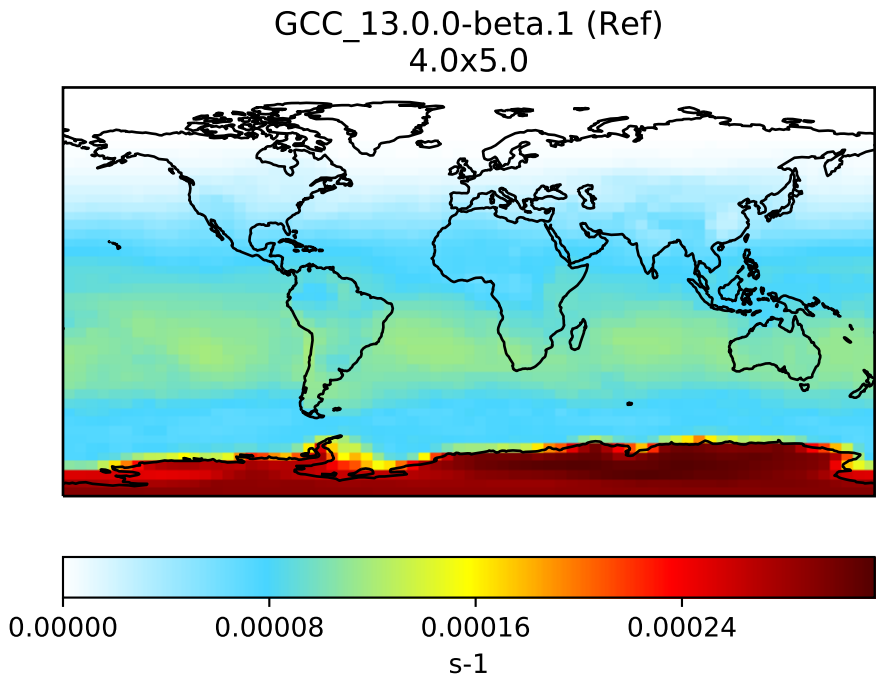
Jval_HNO4 (Jan2019)

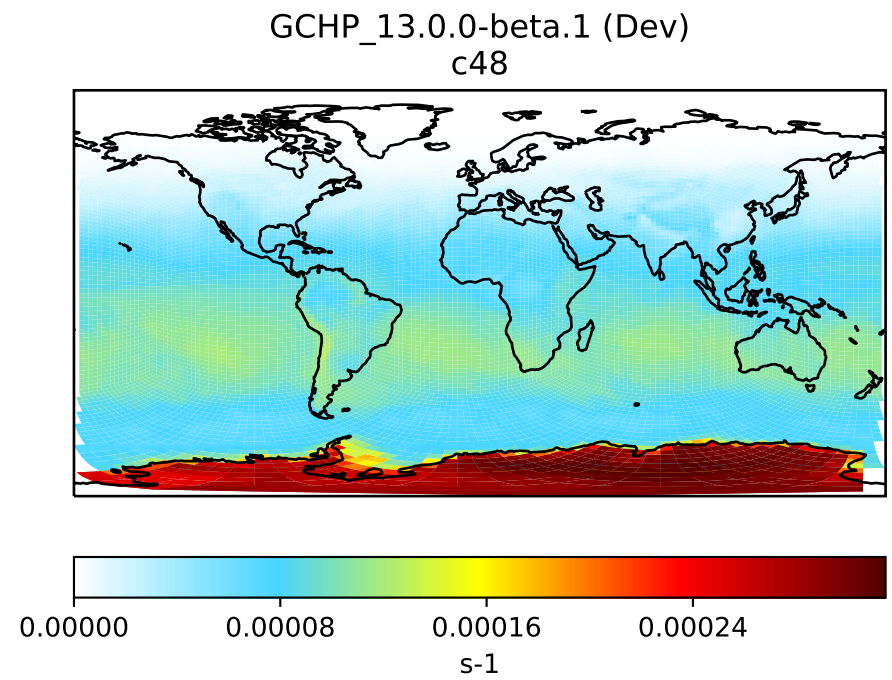


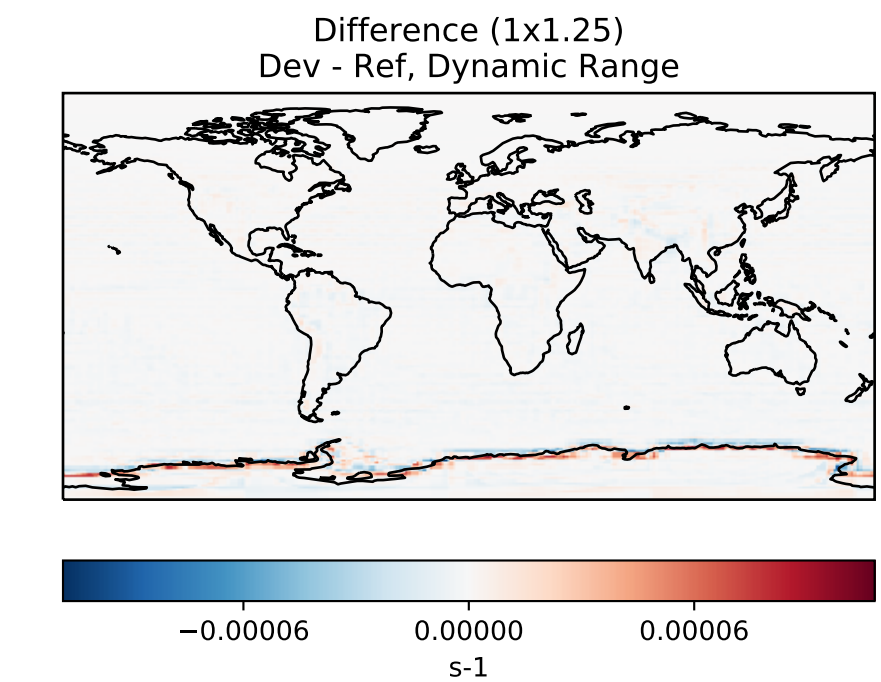
Jval_HOBr (Jan2019)

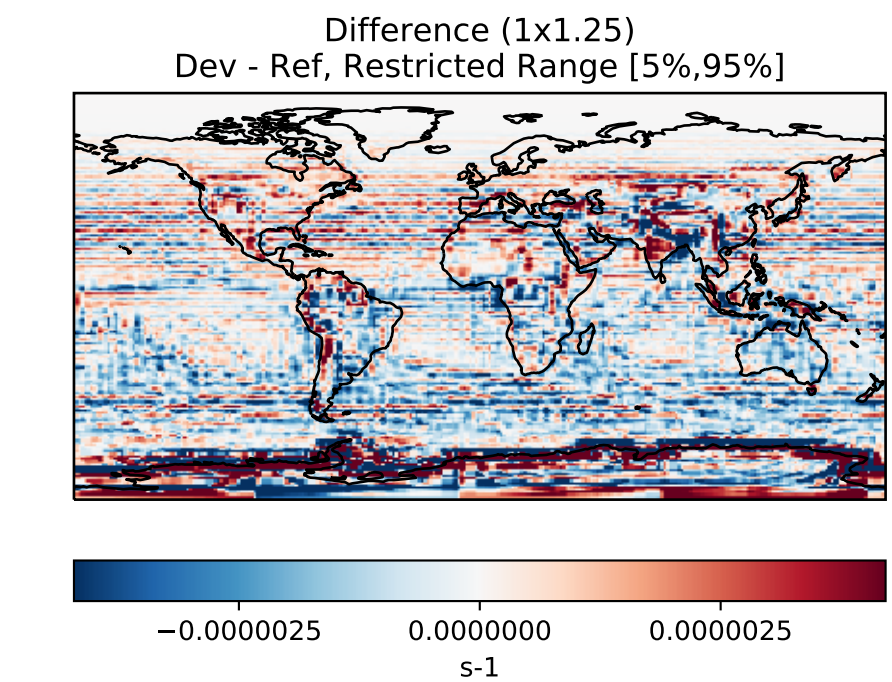


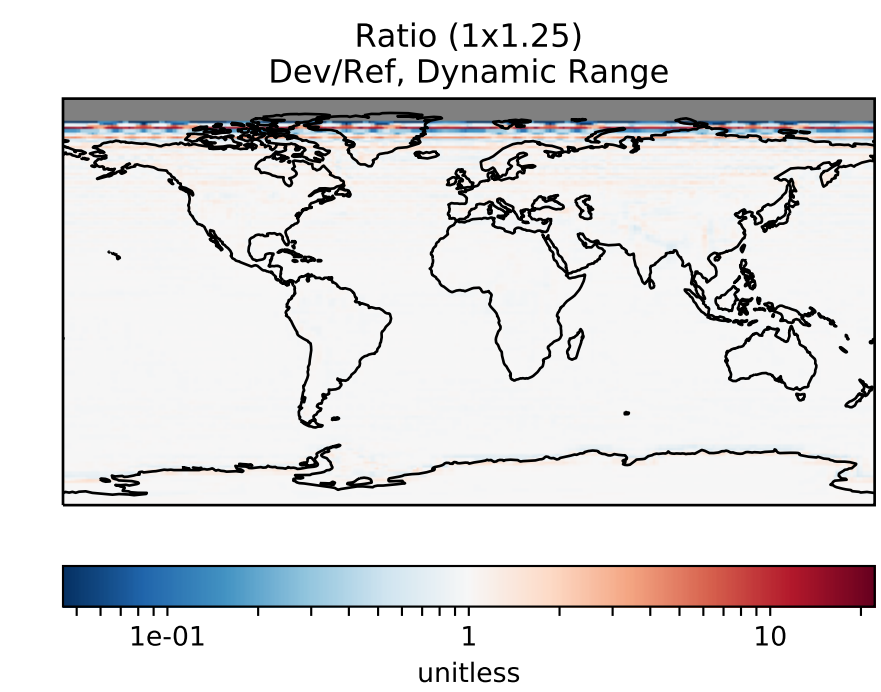
Jval_HOCl (Jan2019)

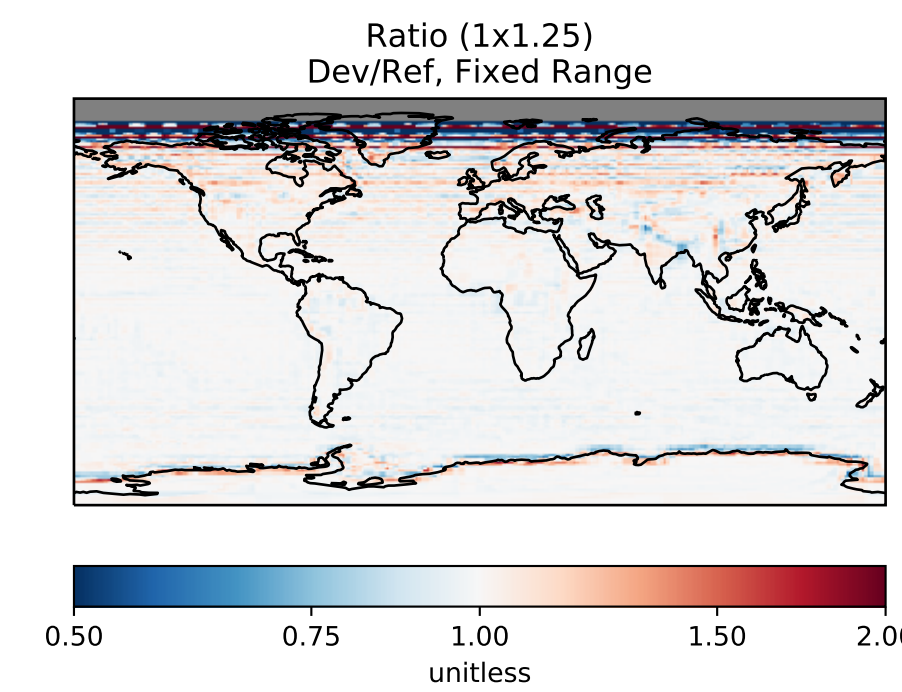




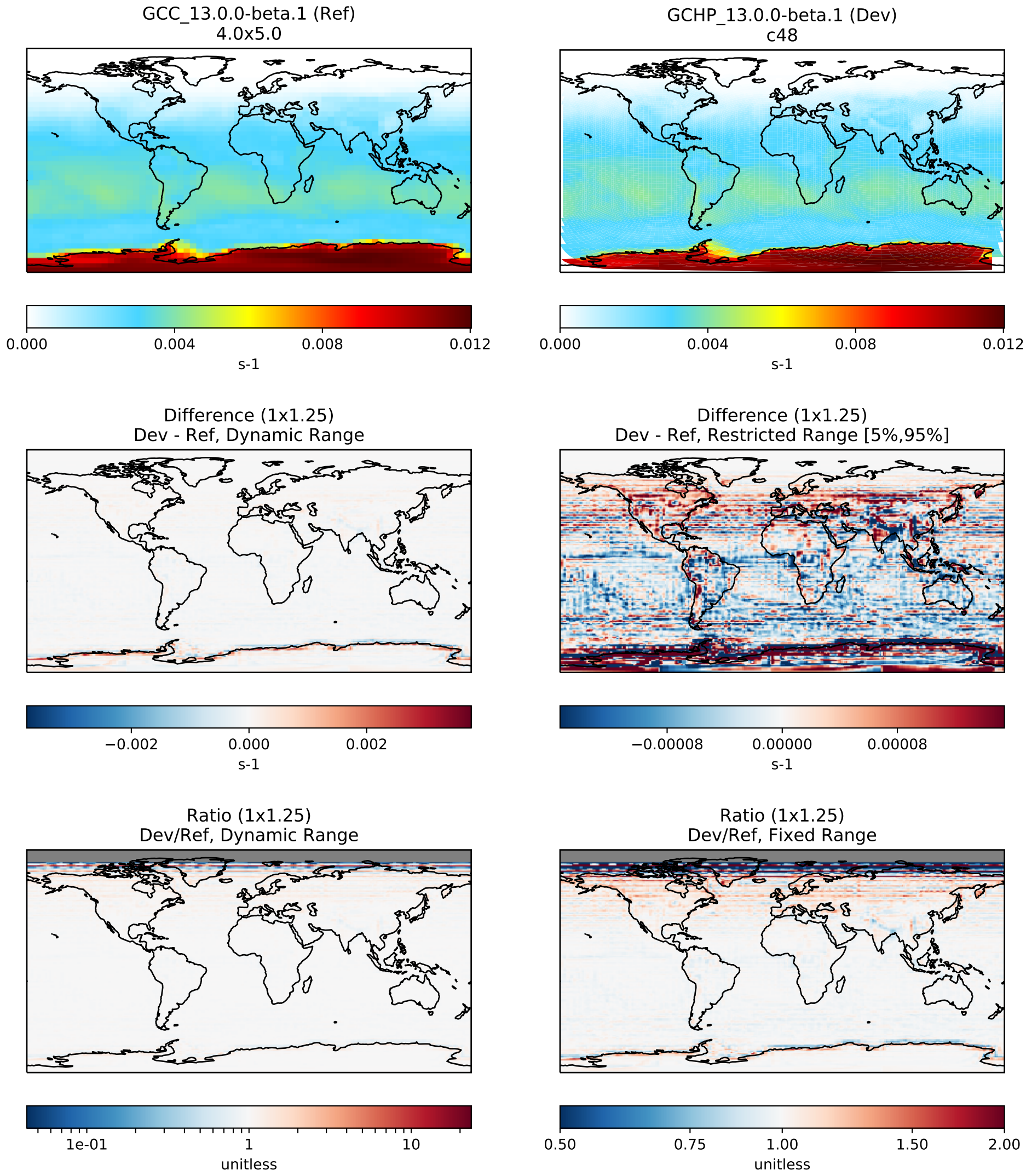




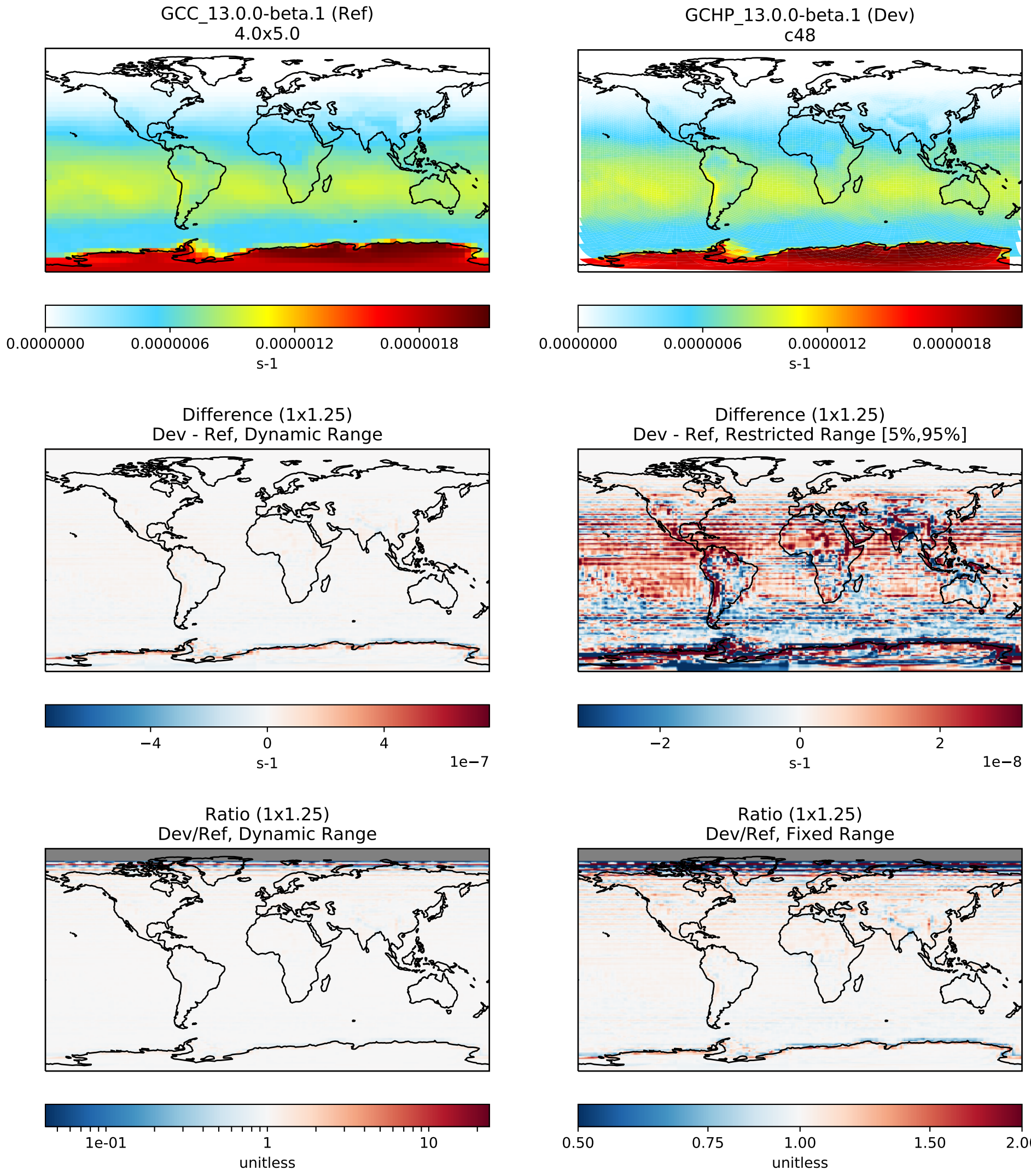




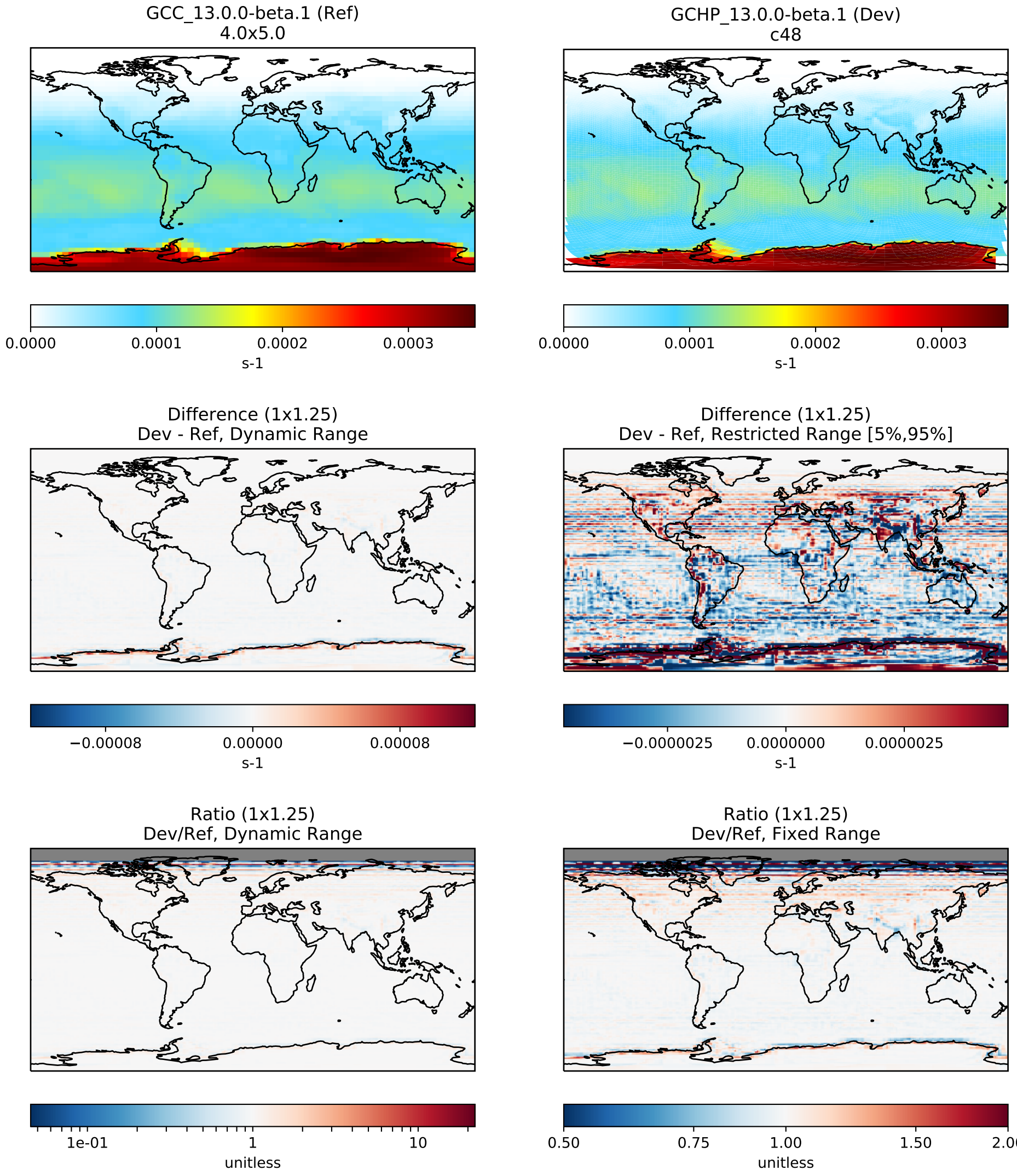
Jval_HOI (Jan2019)



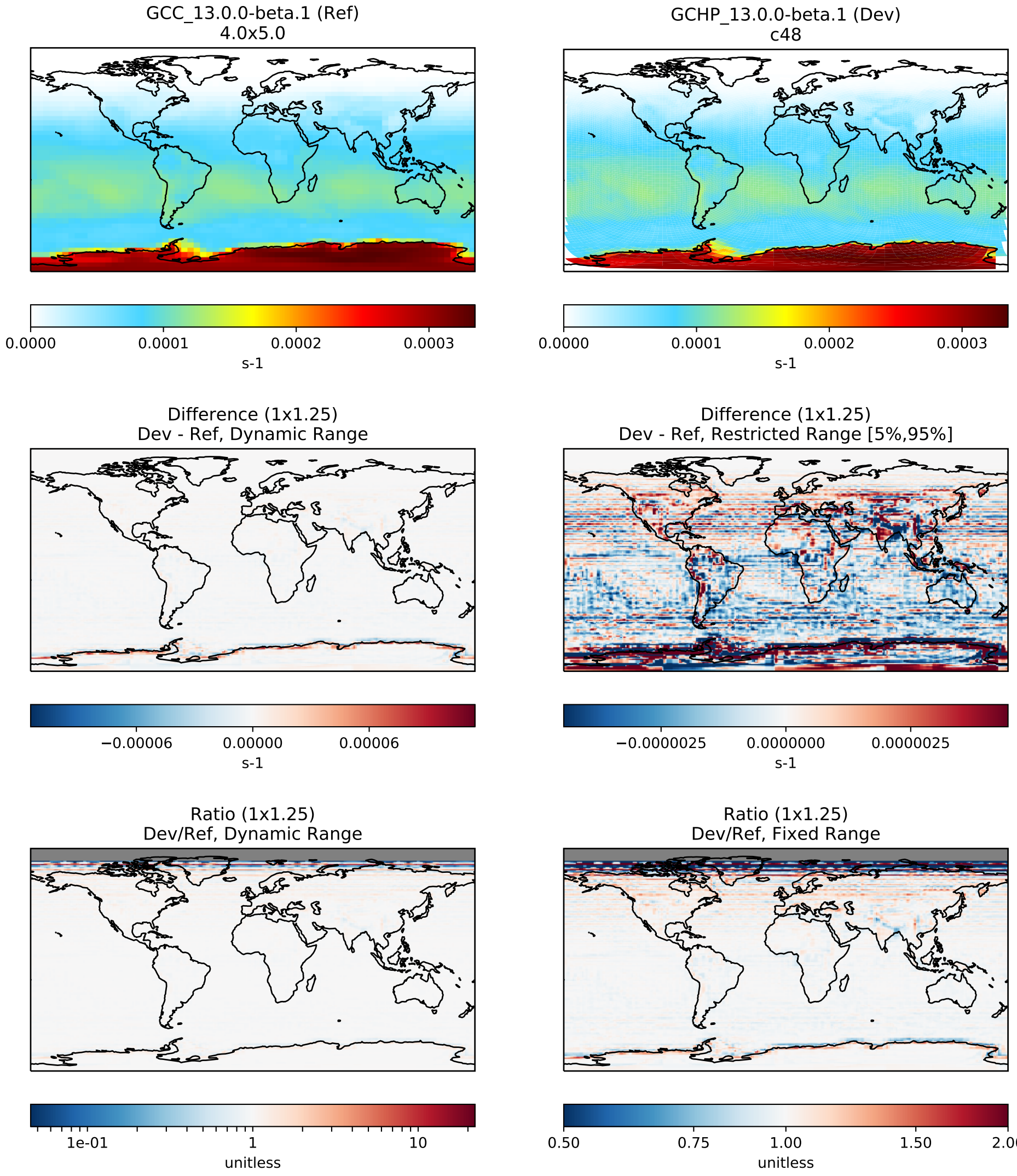
Jval_HONIT (Jan2019)



Jval_HPALD1 (Jan2019)



Jval_HPALD2 (Jan2019)



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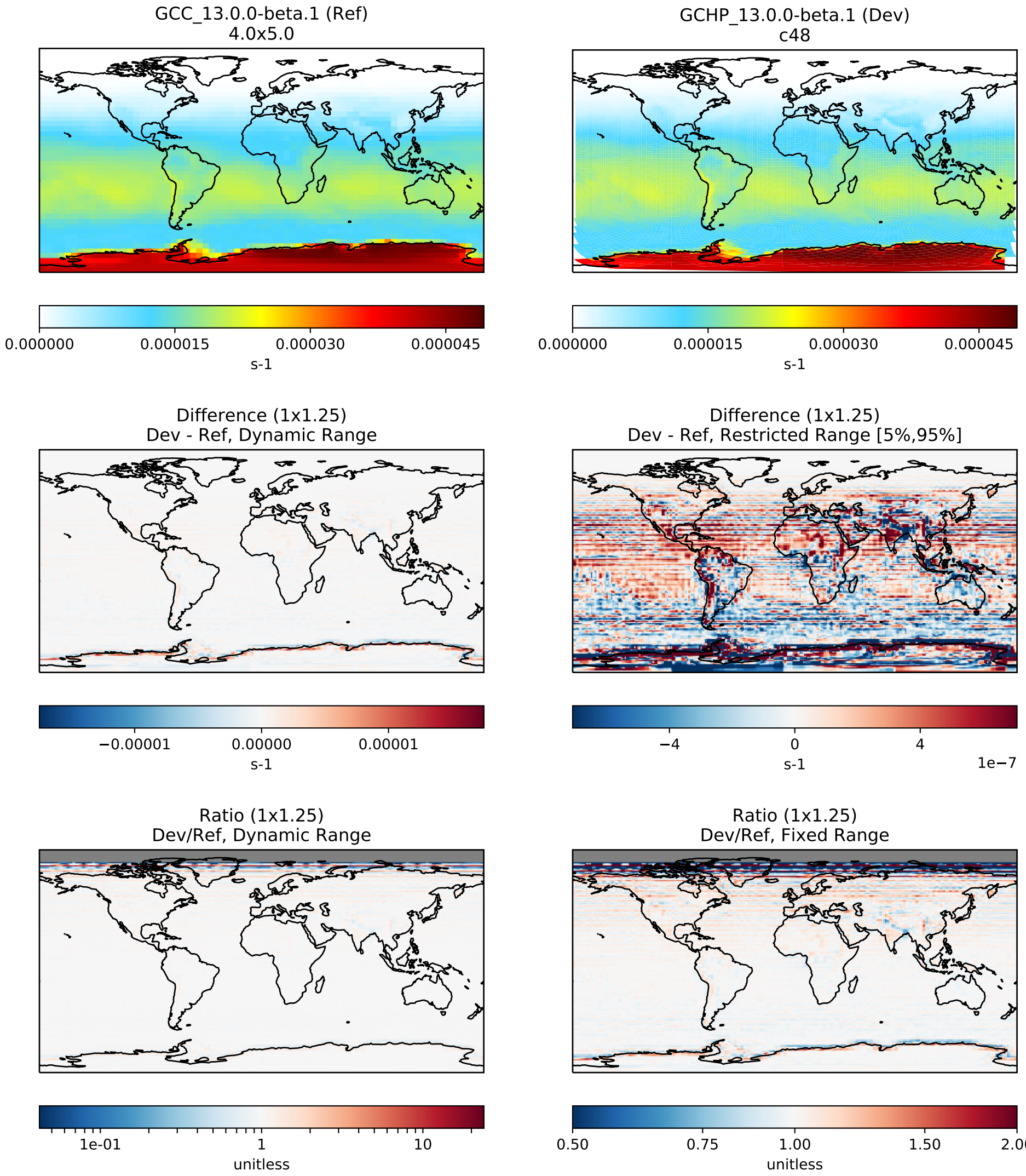

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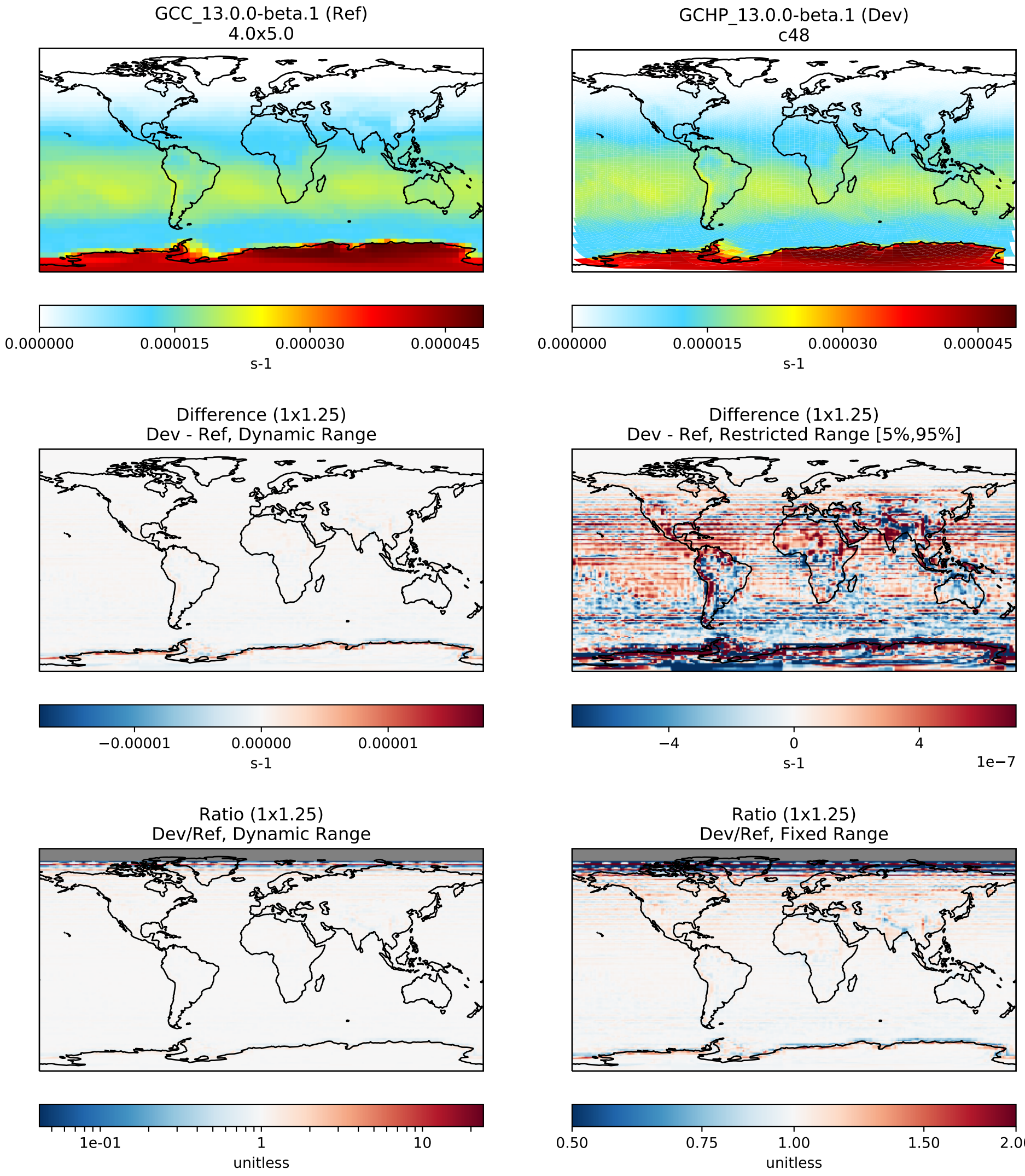
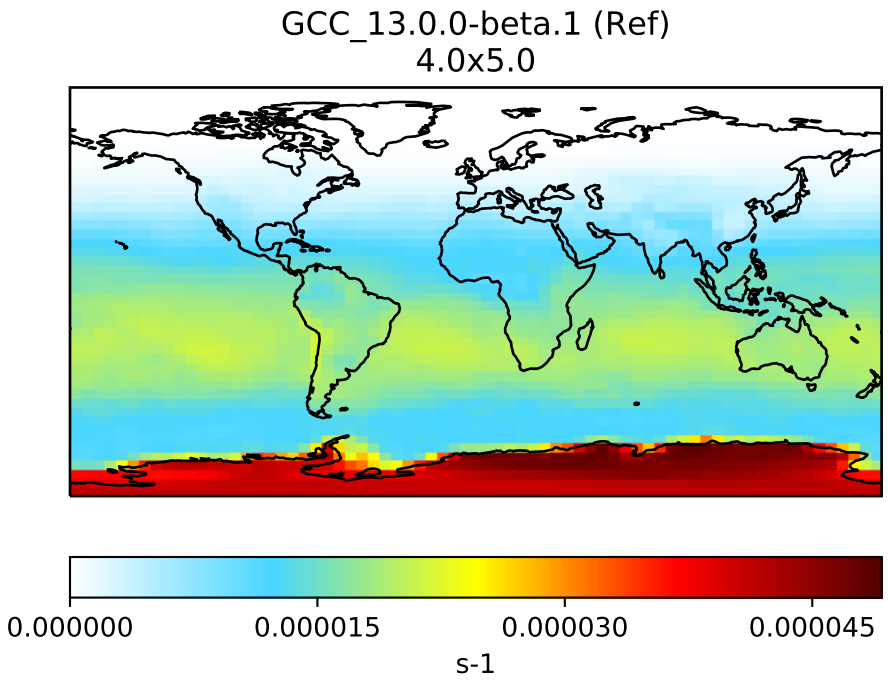
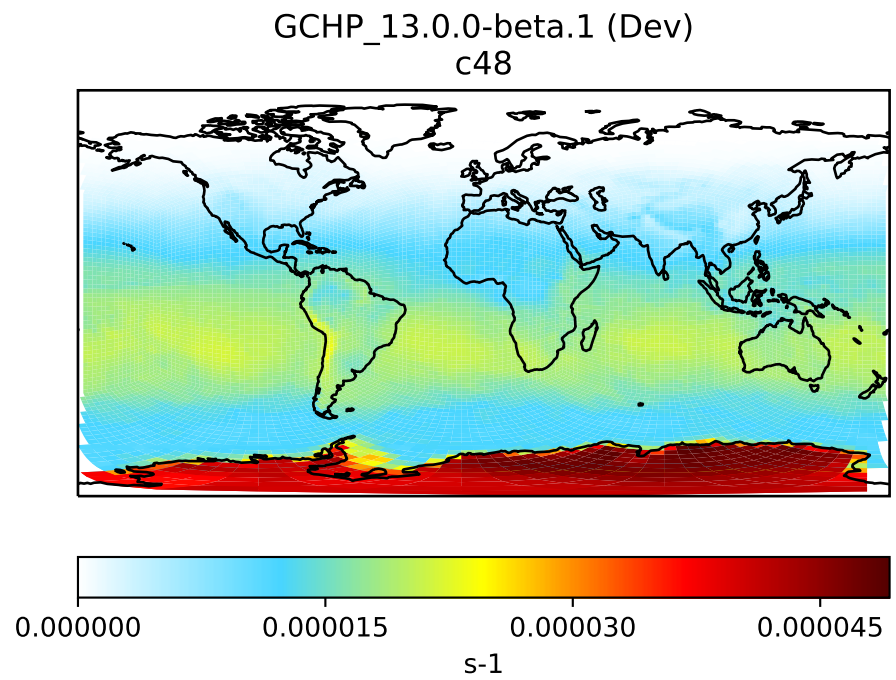
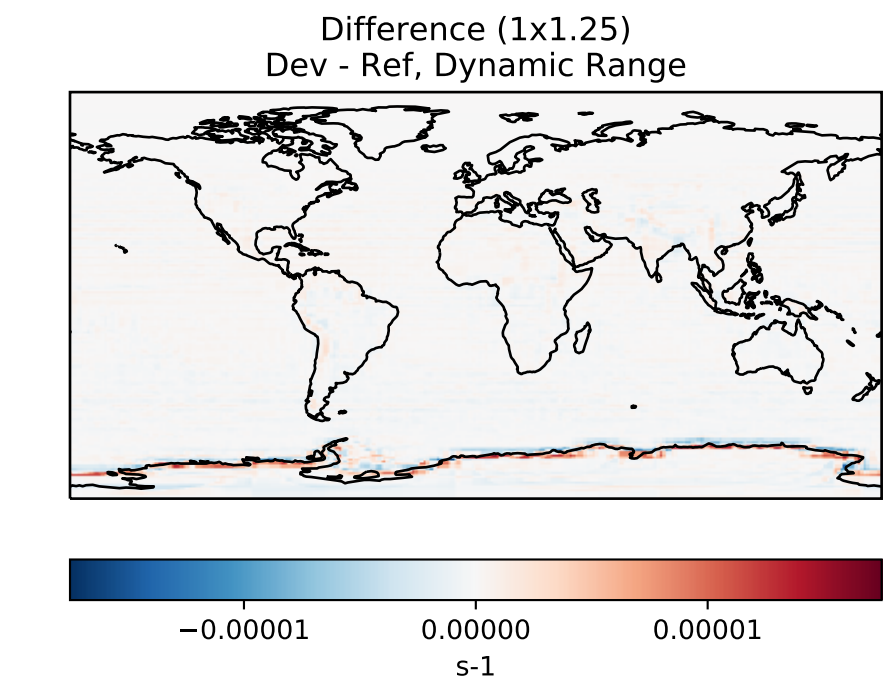
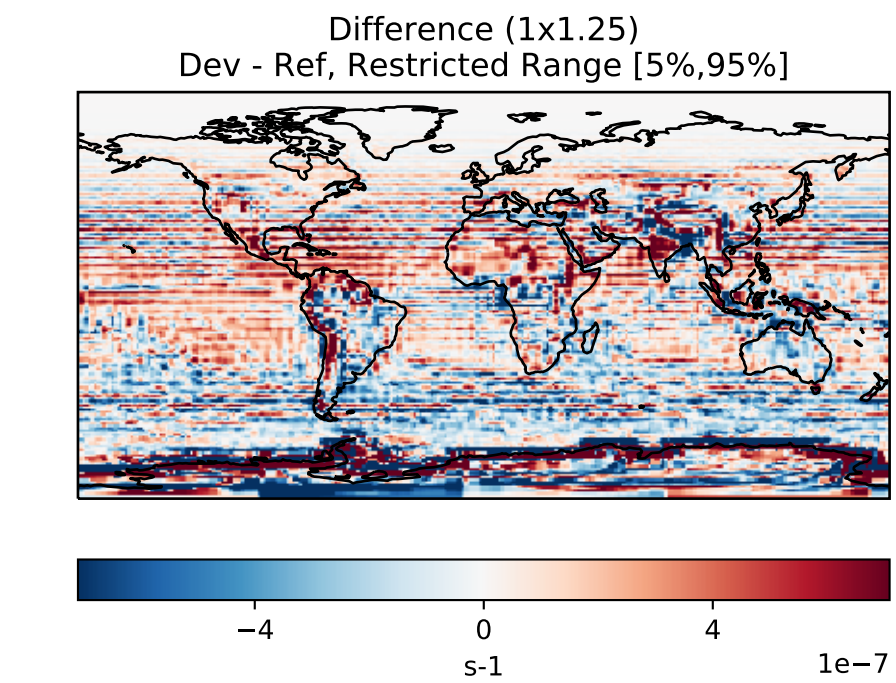


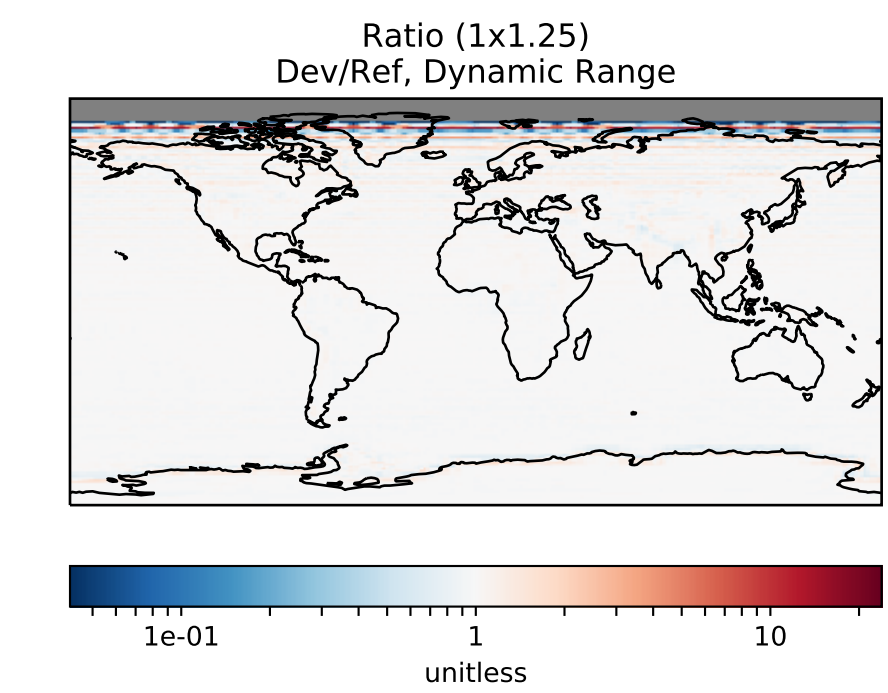
Jval_HPETHNL (Jan2019)

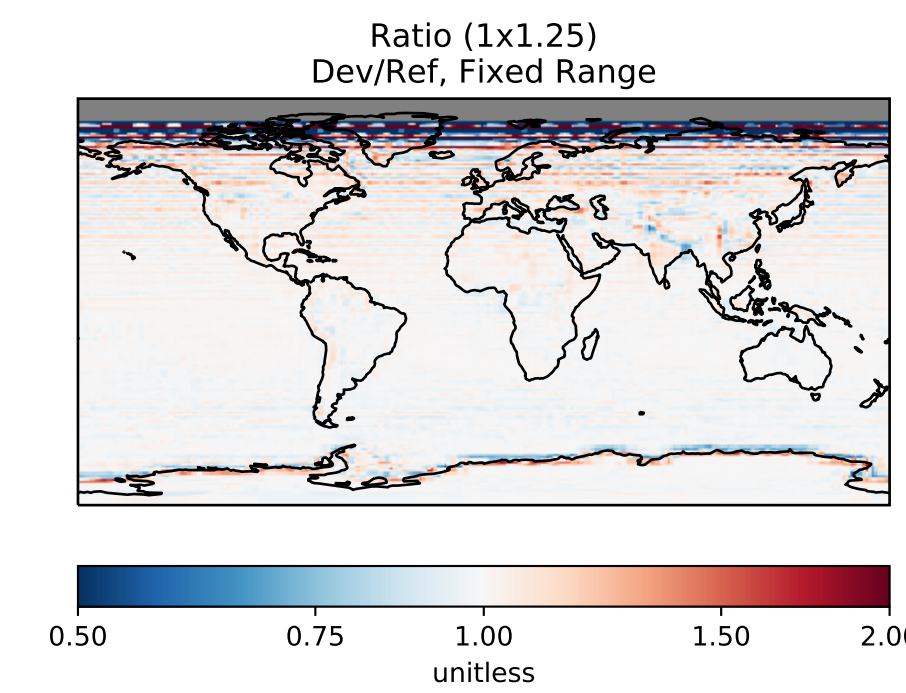












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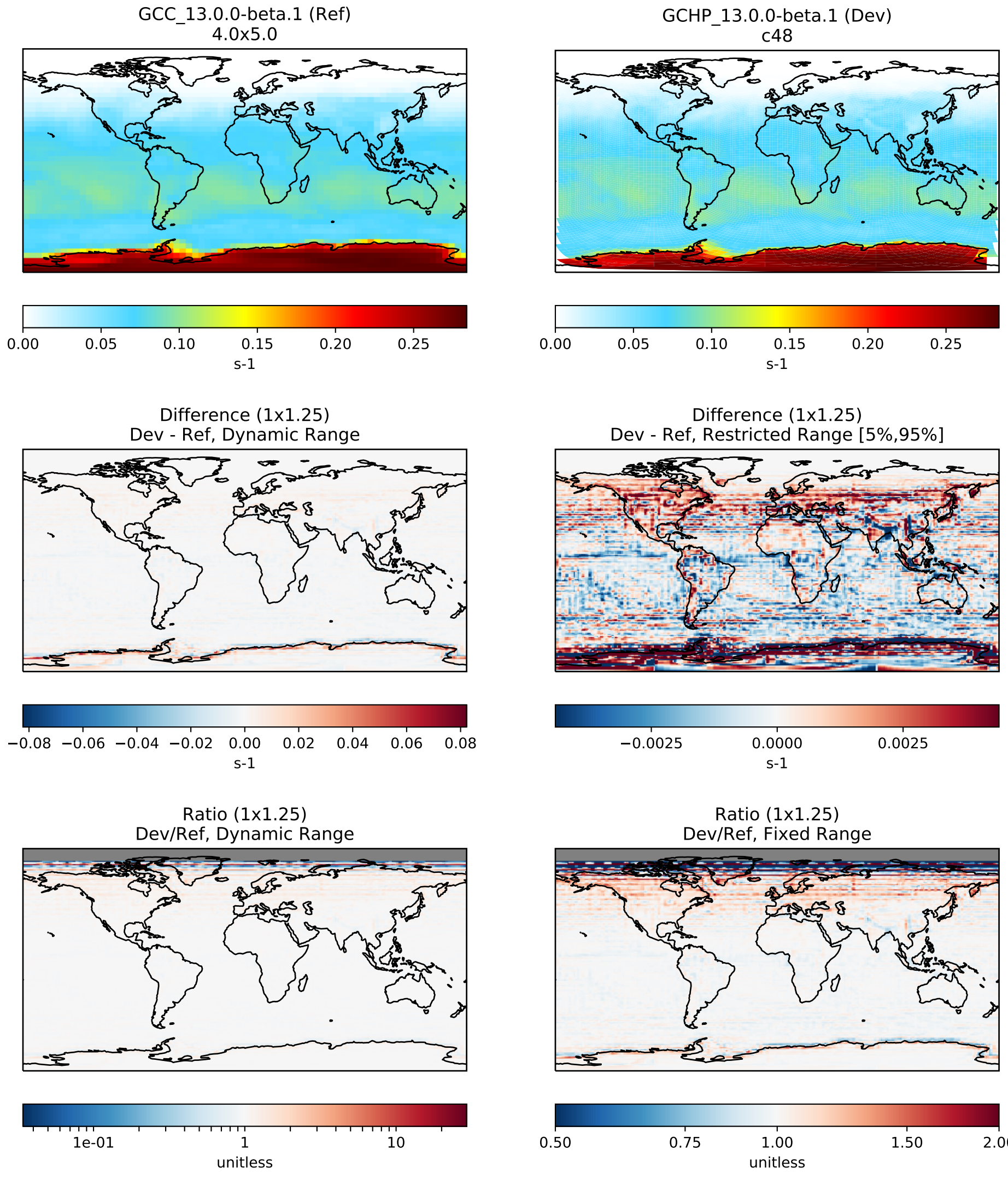

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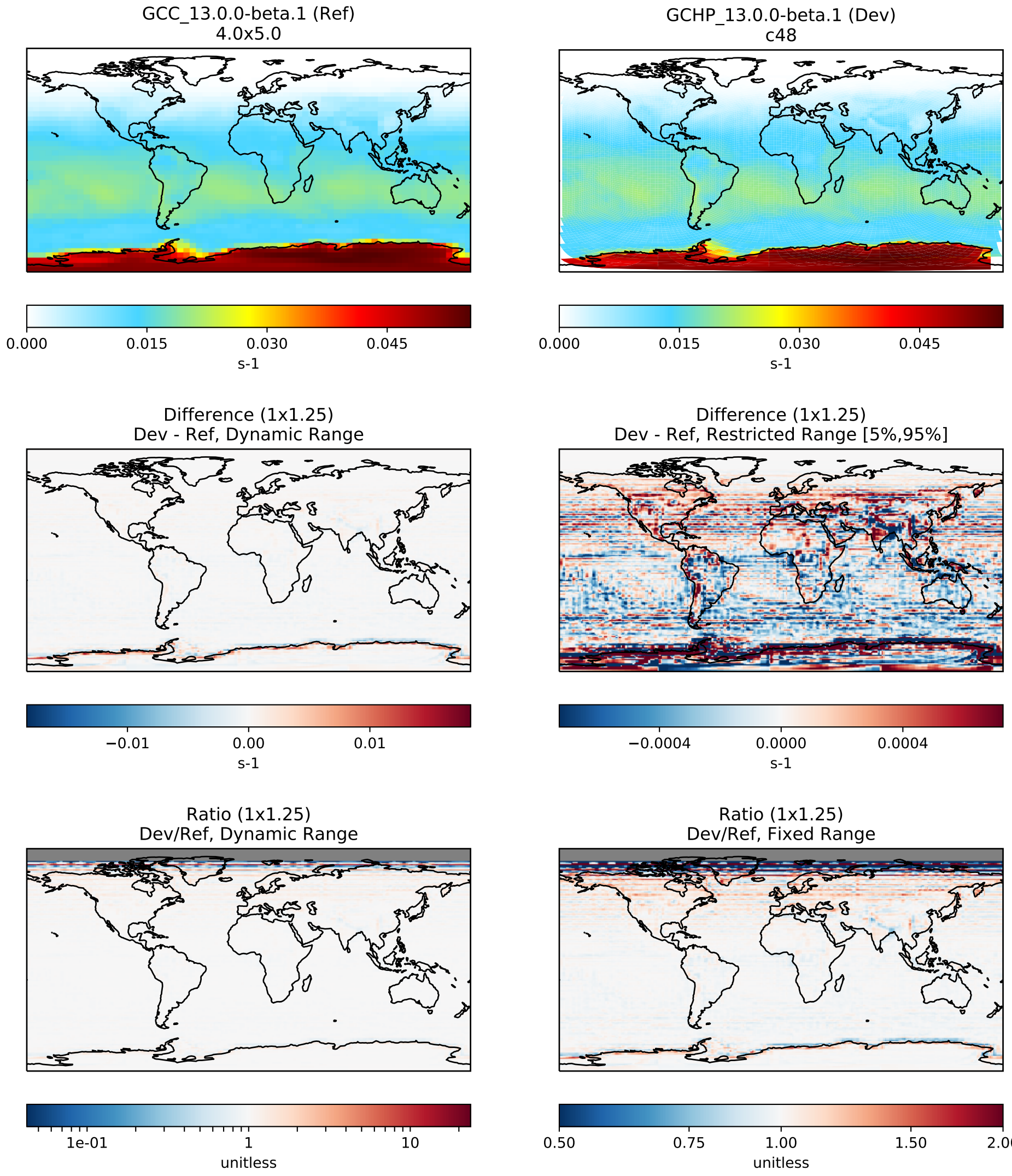

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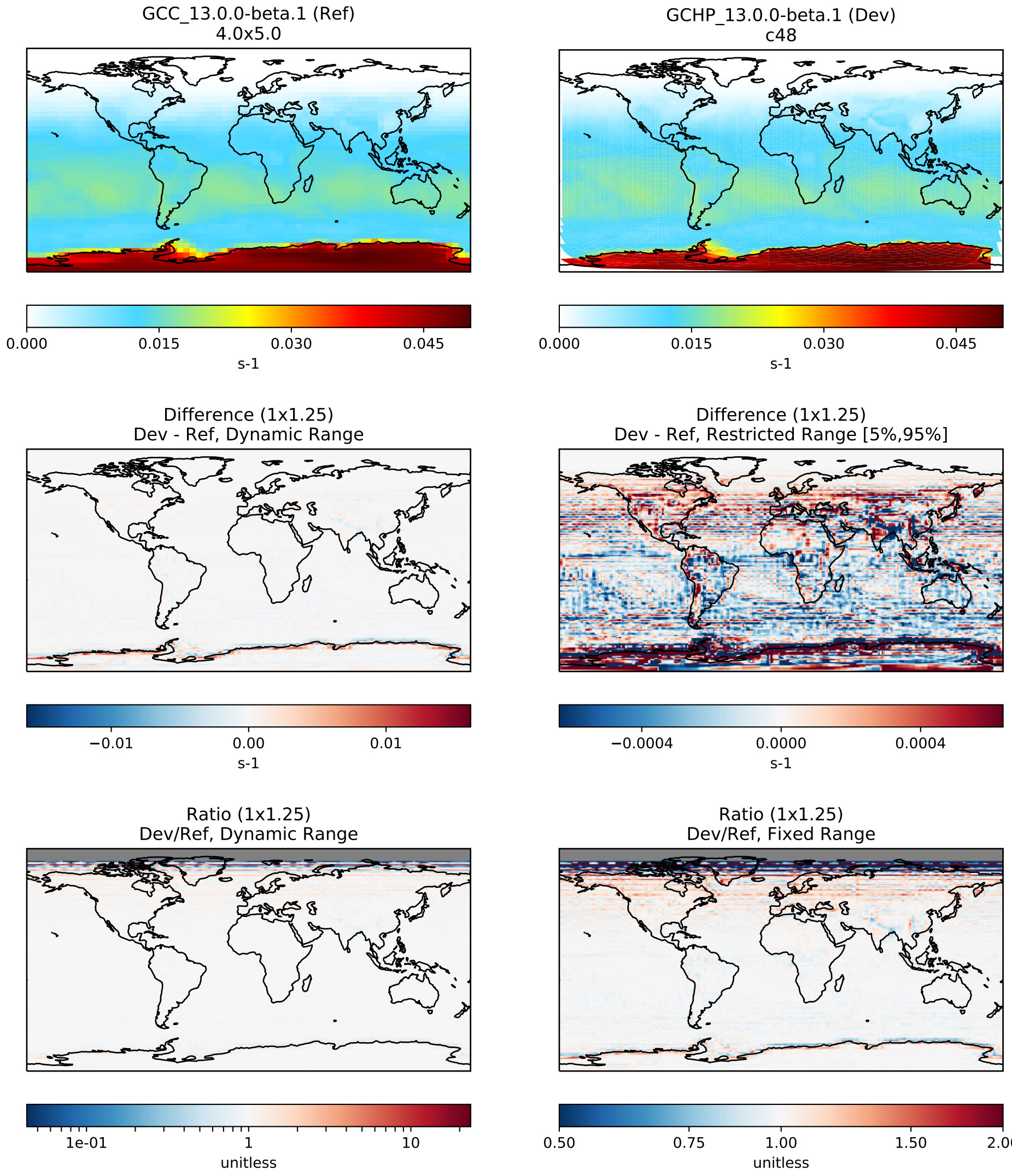

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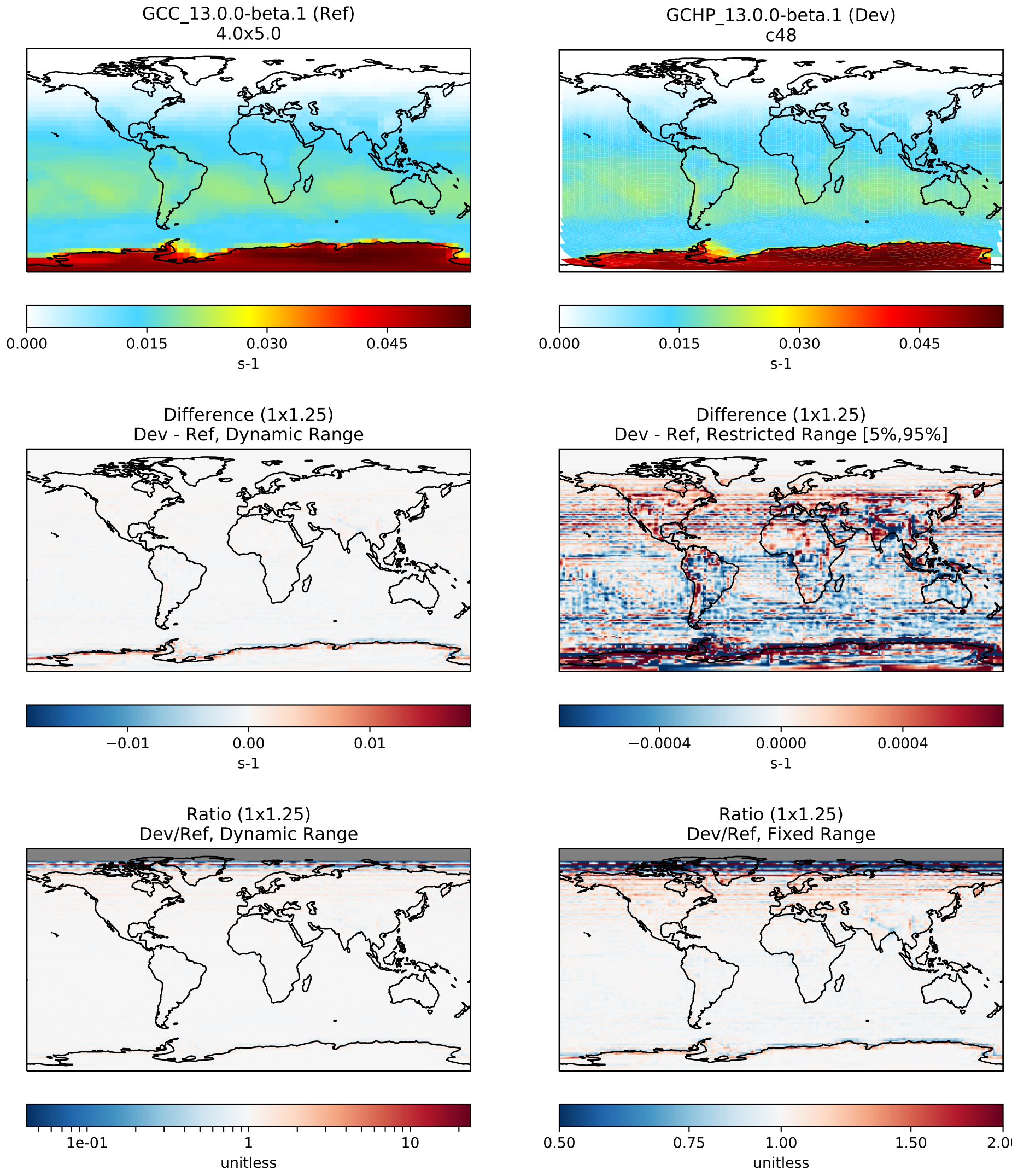

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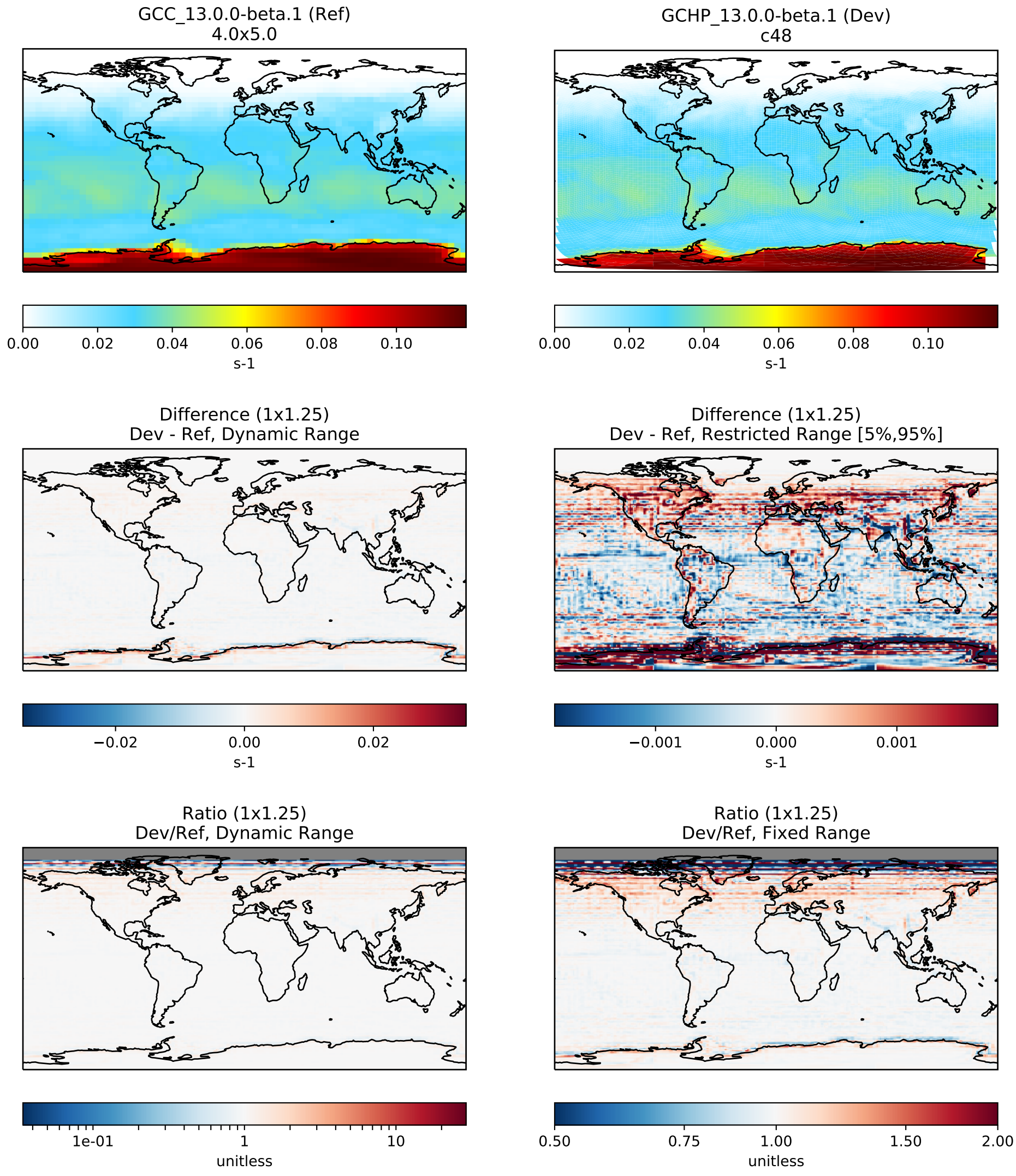

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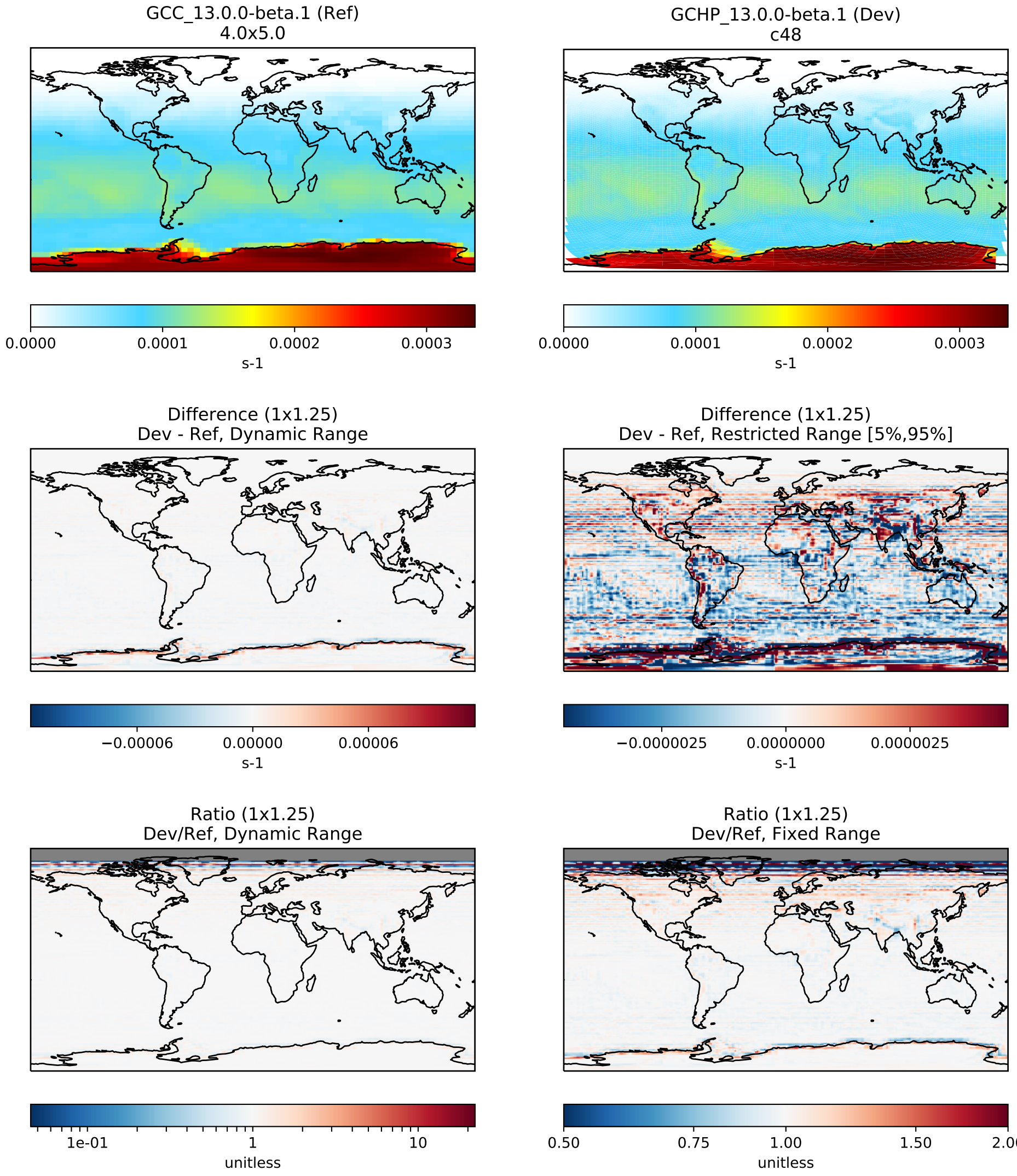

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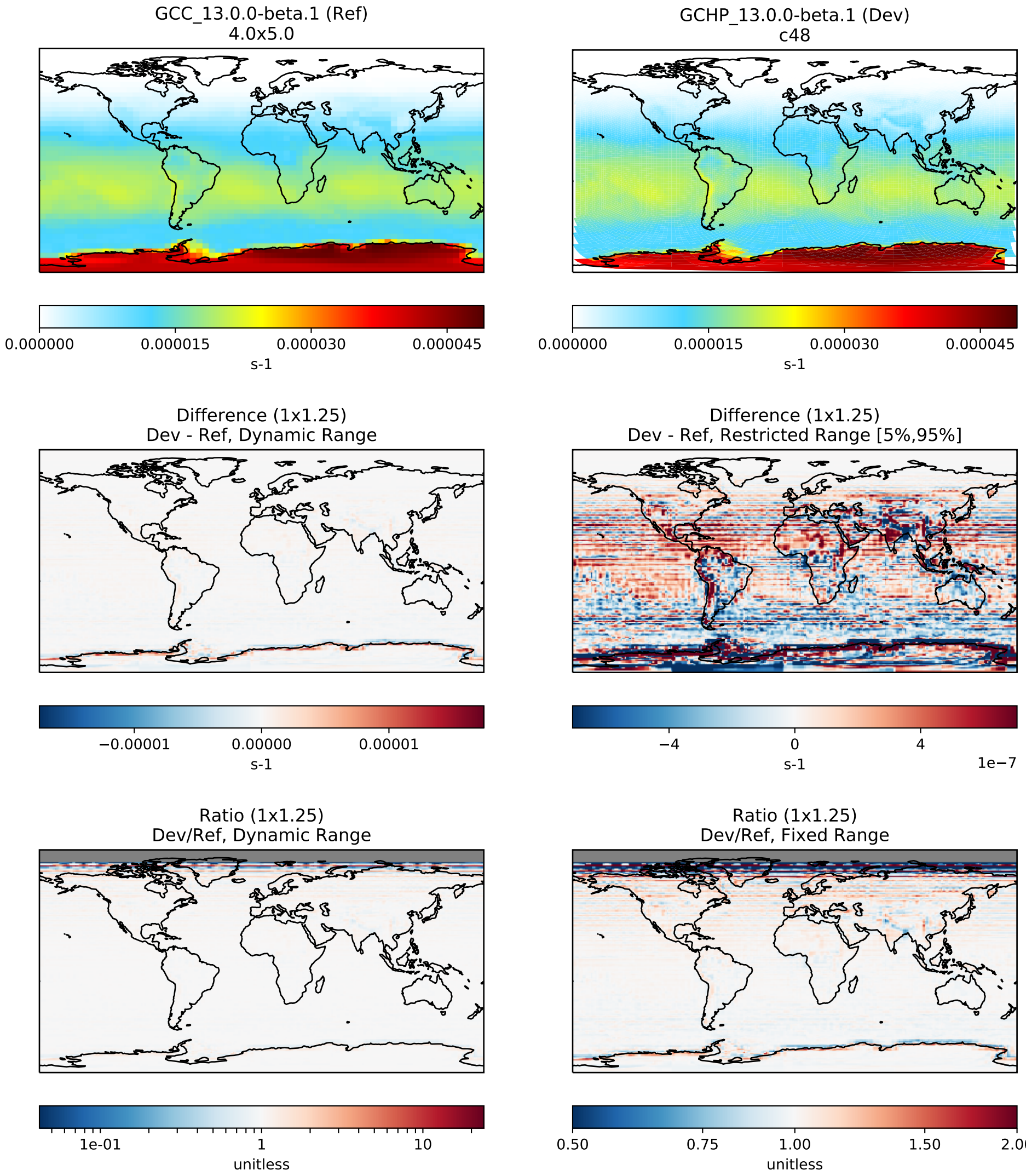

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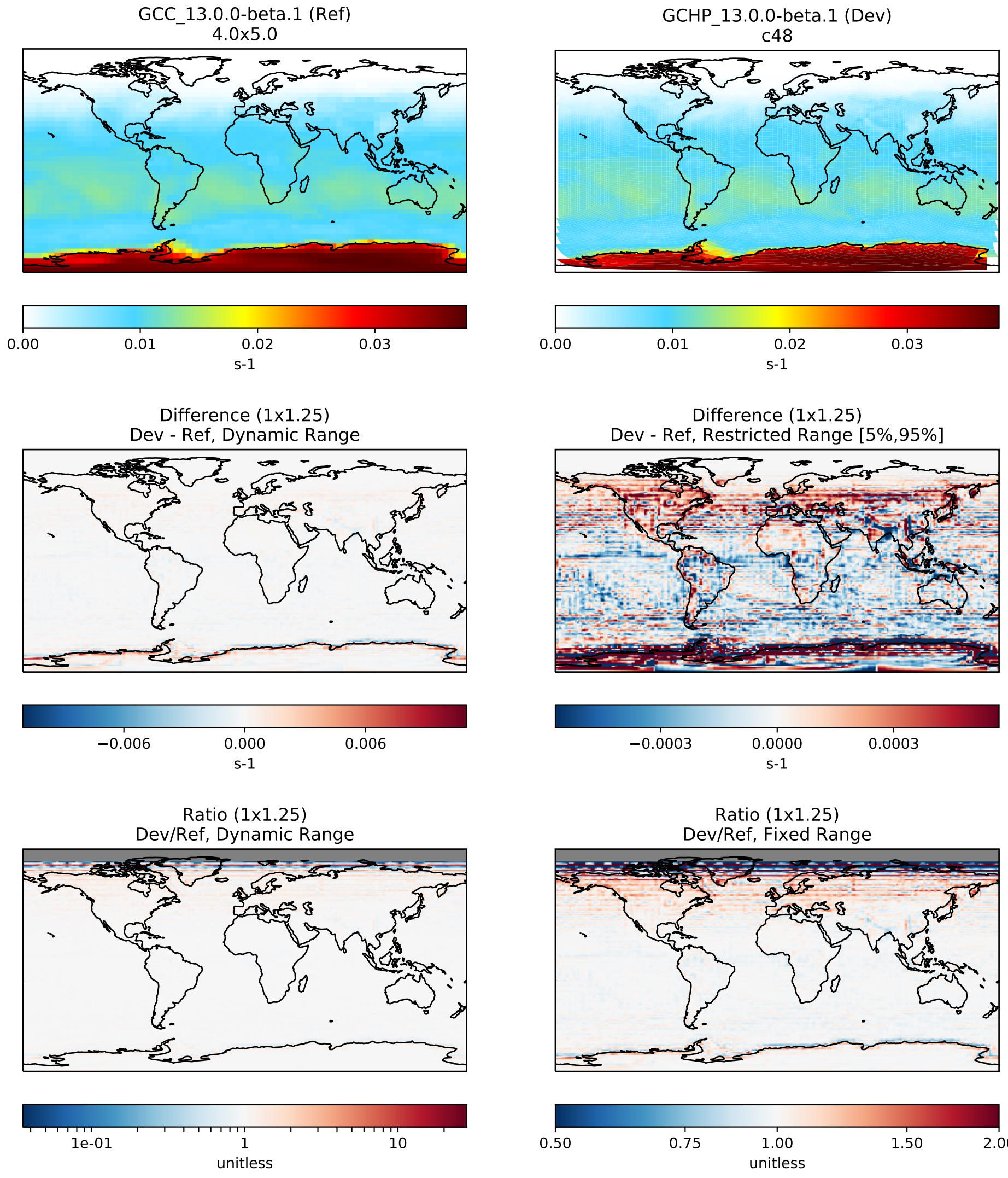

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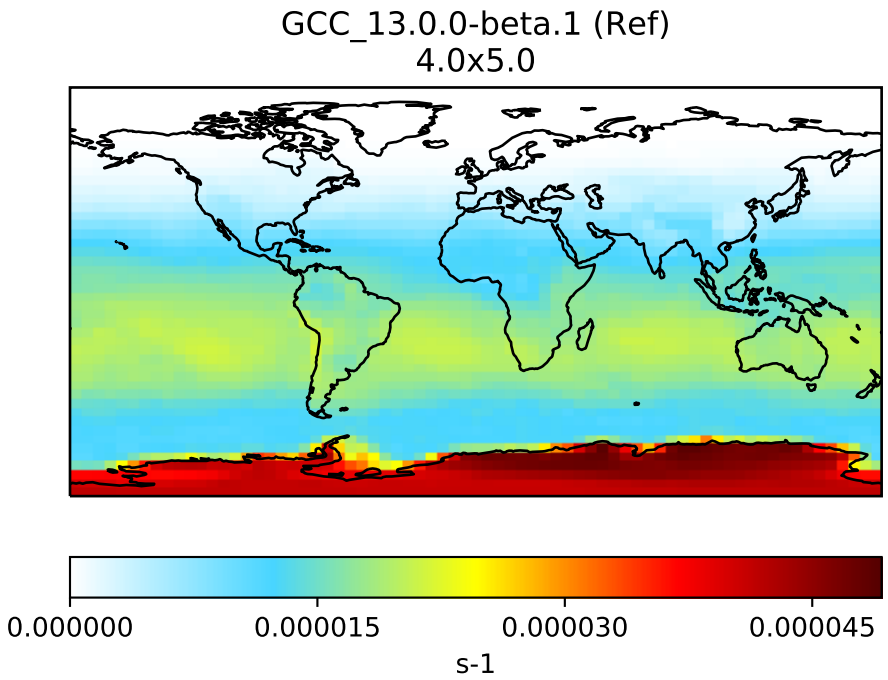

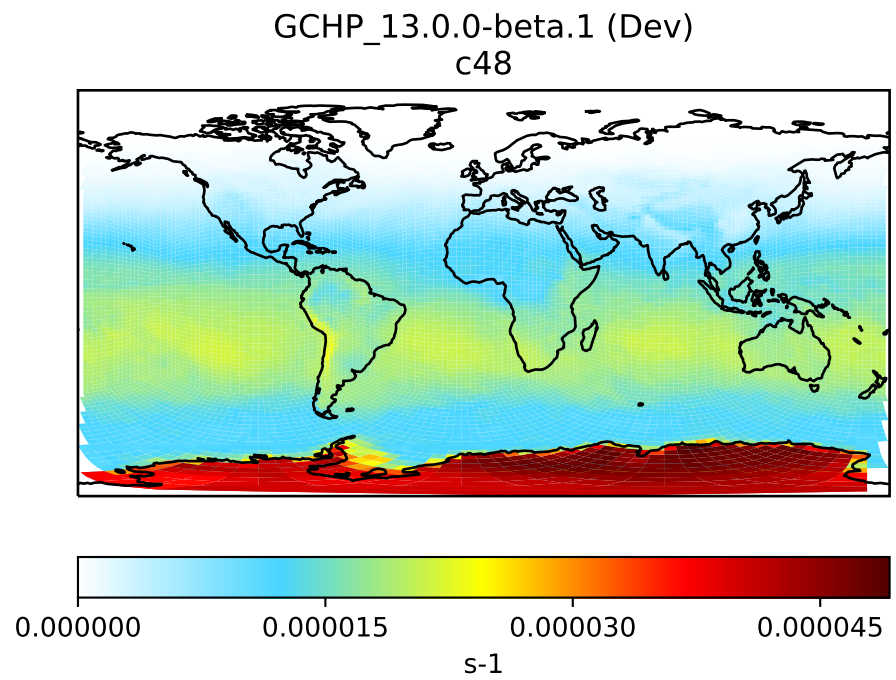

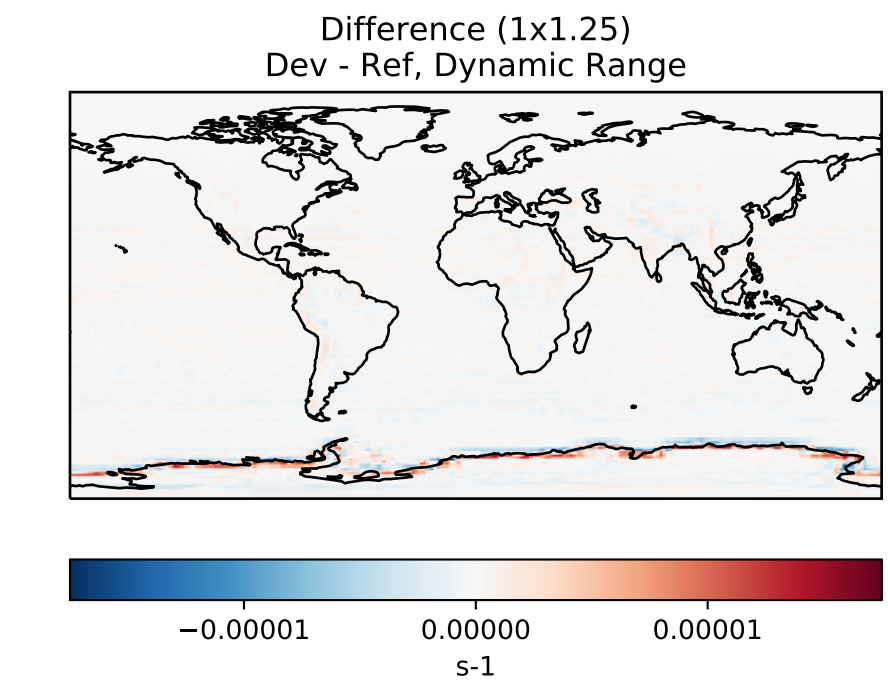

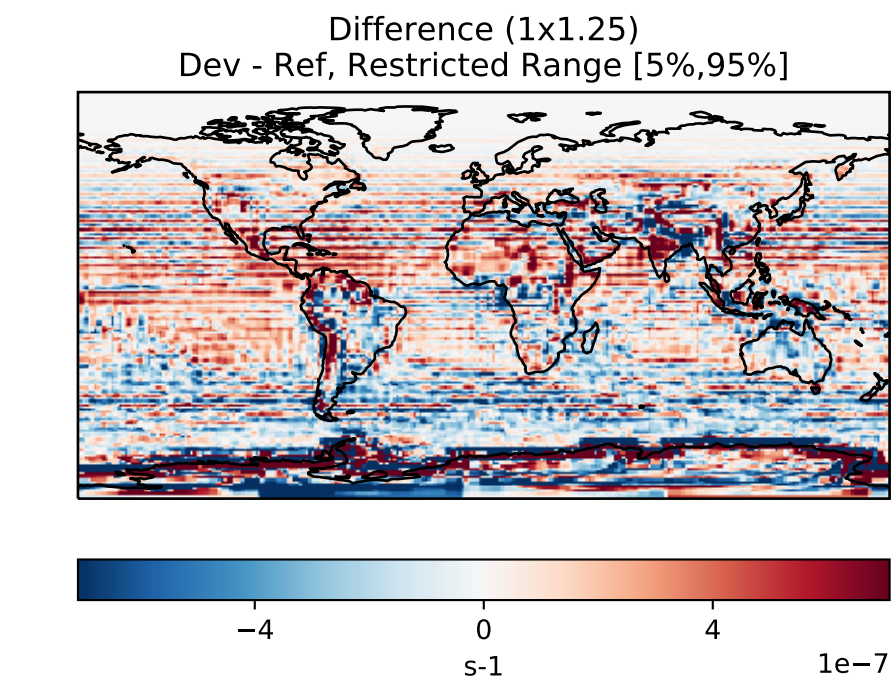

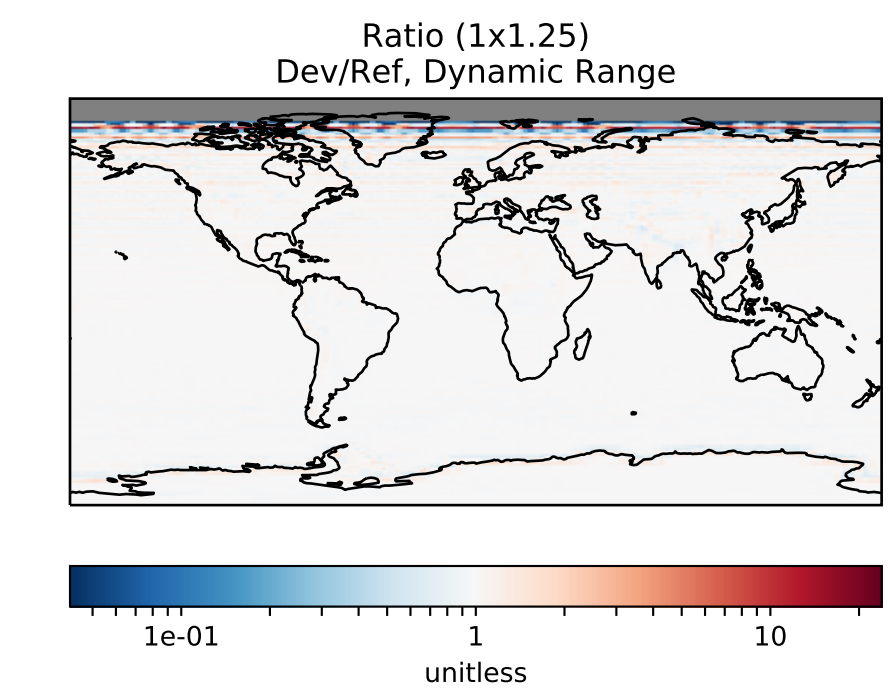

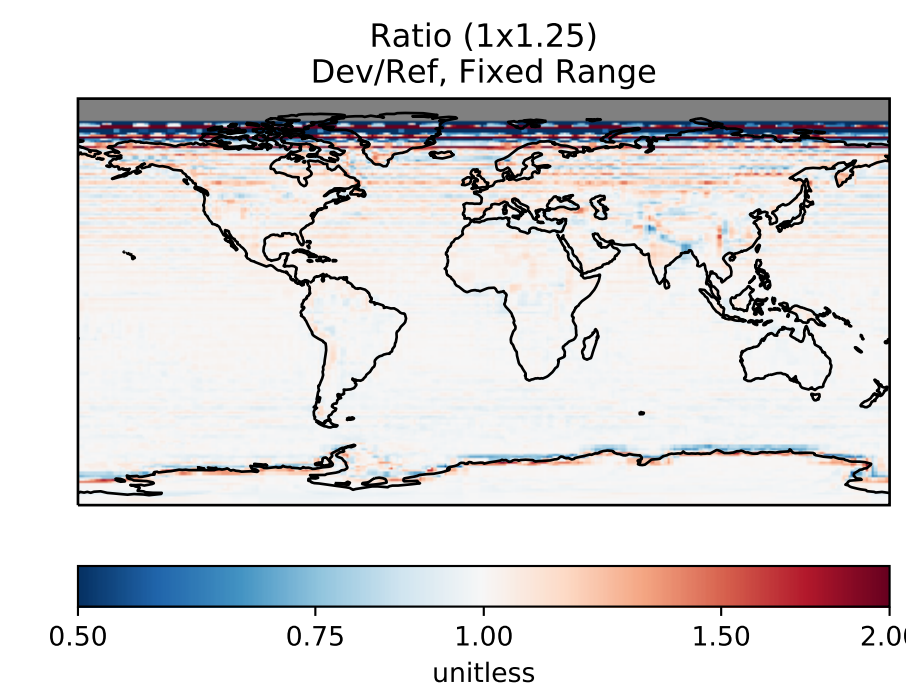

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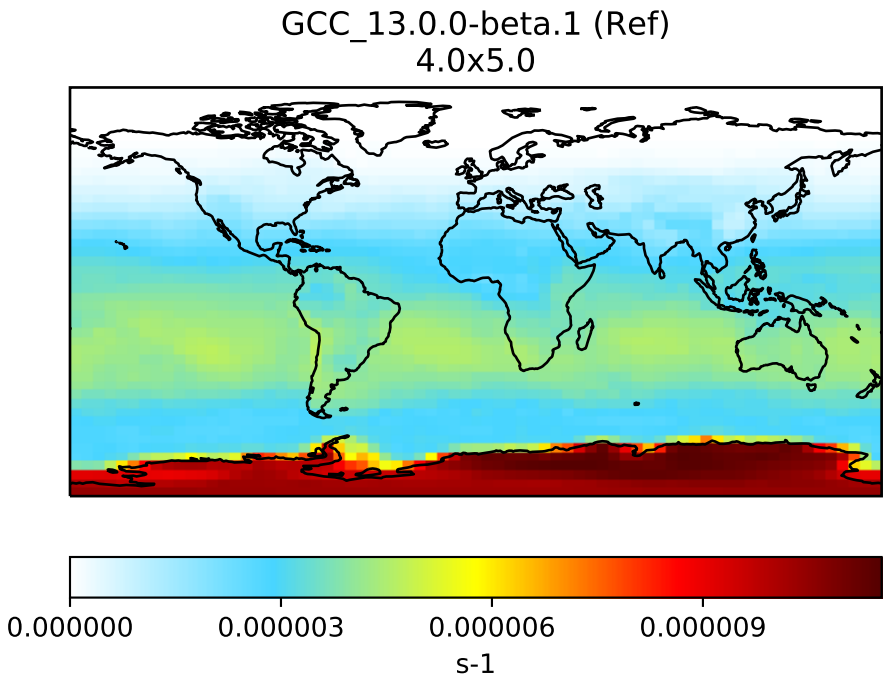

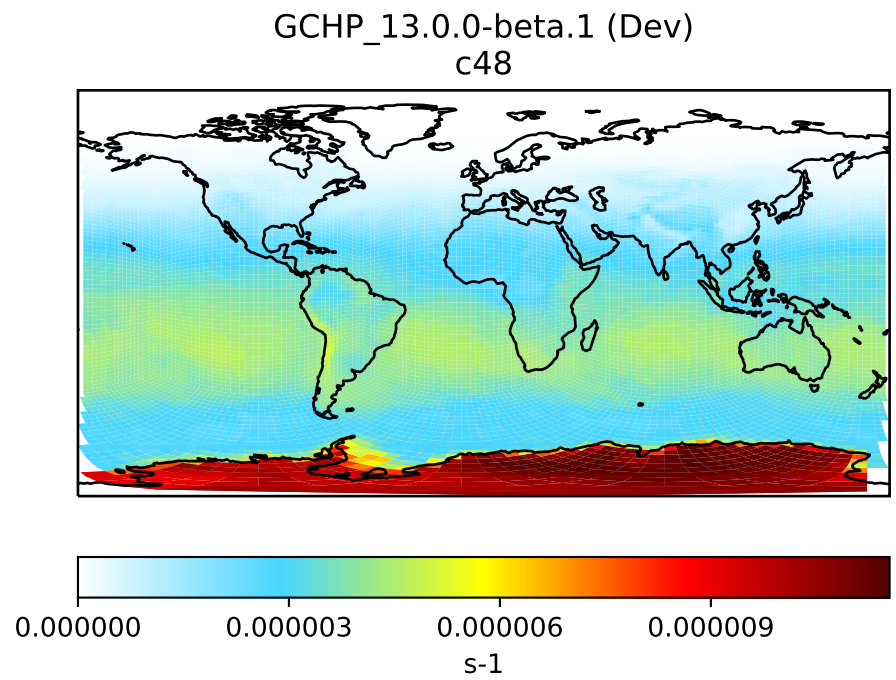

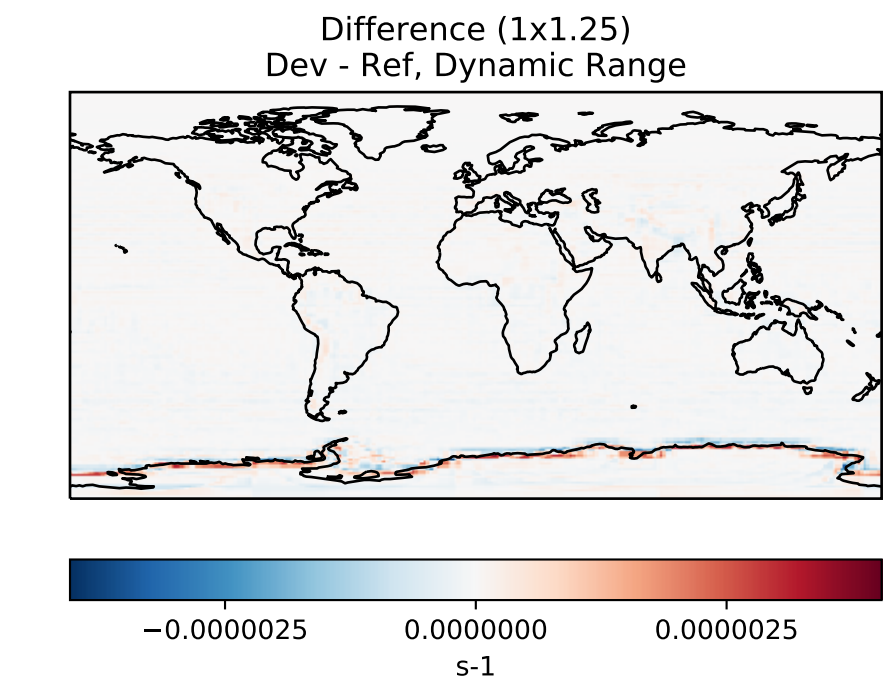

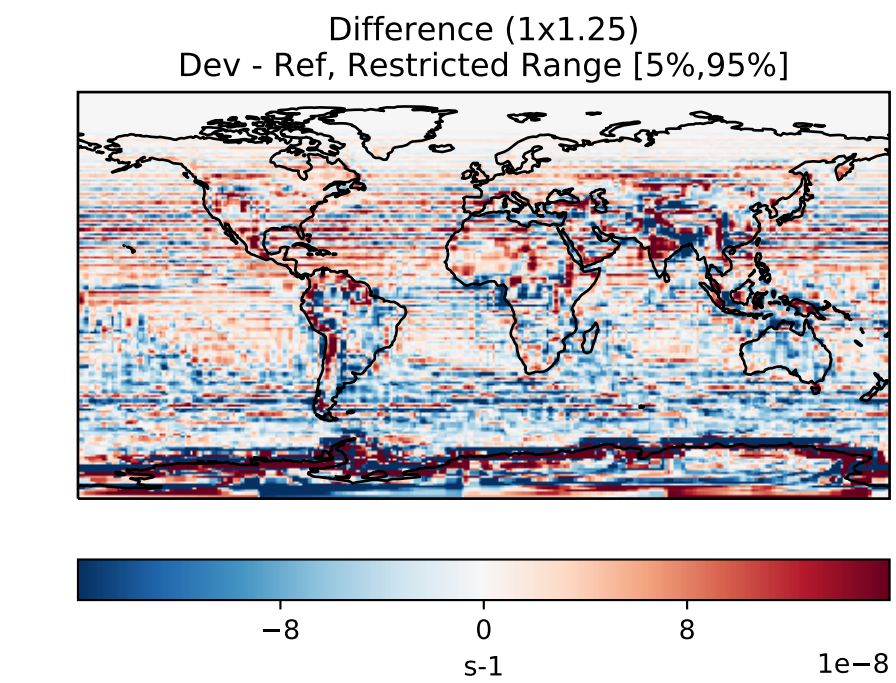

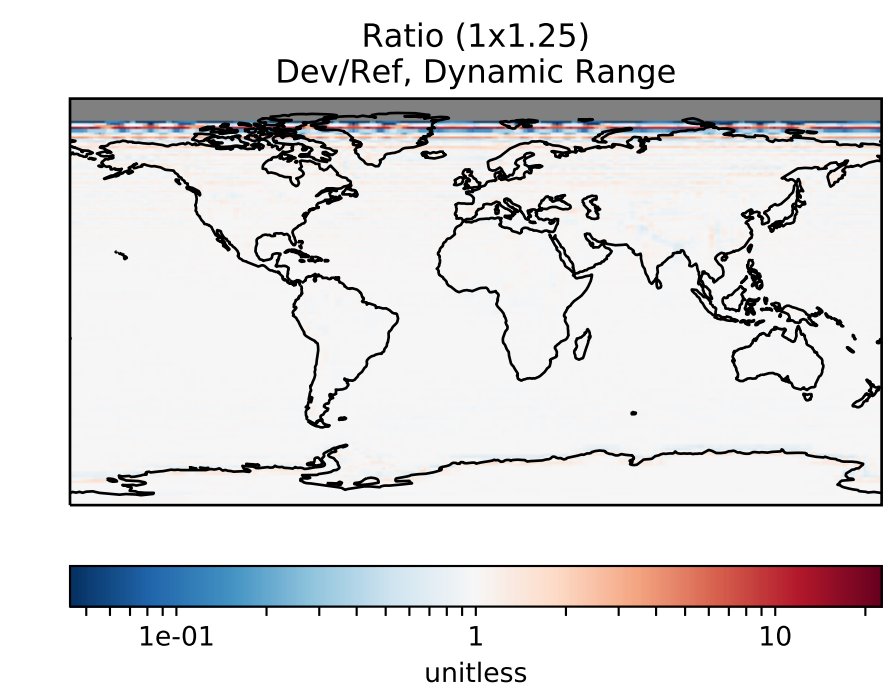

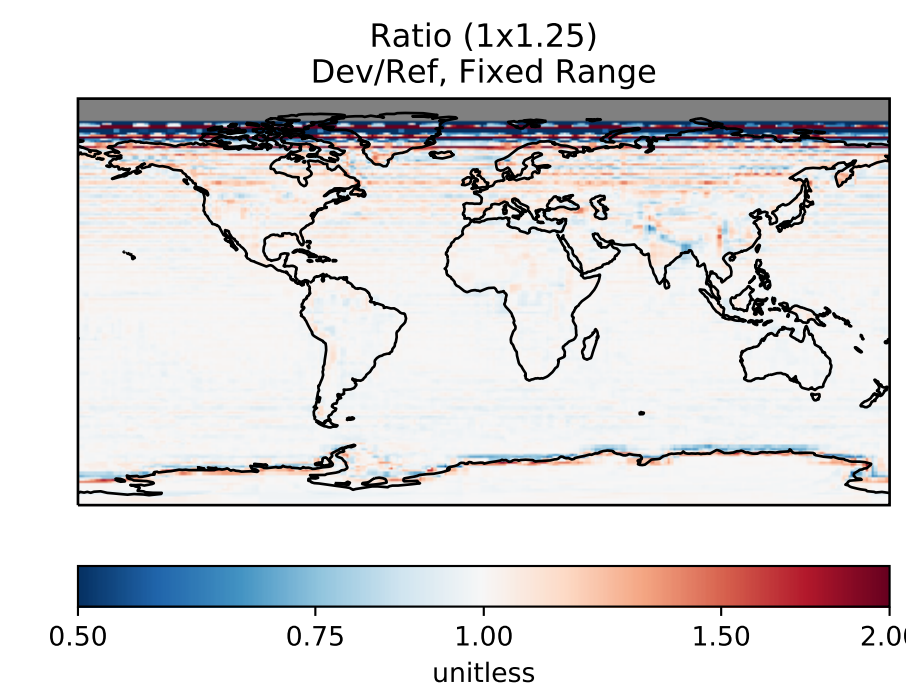

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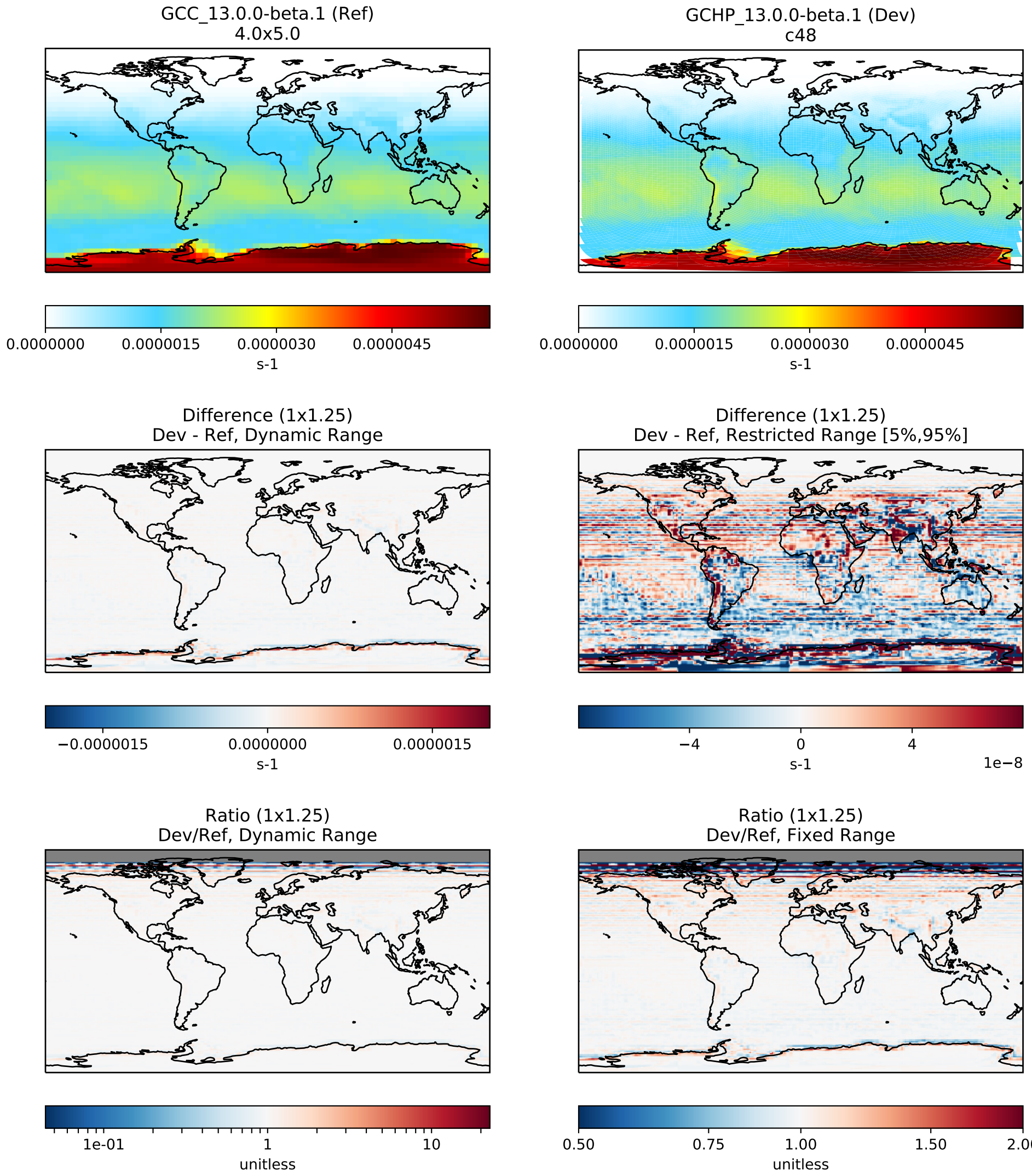

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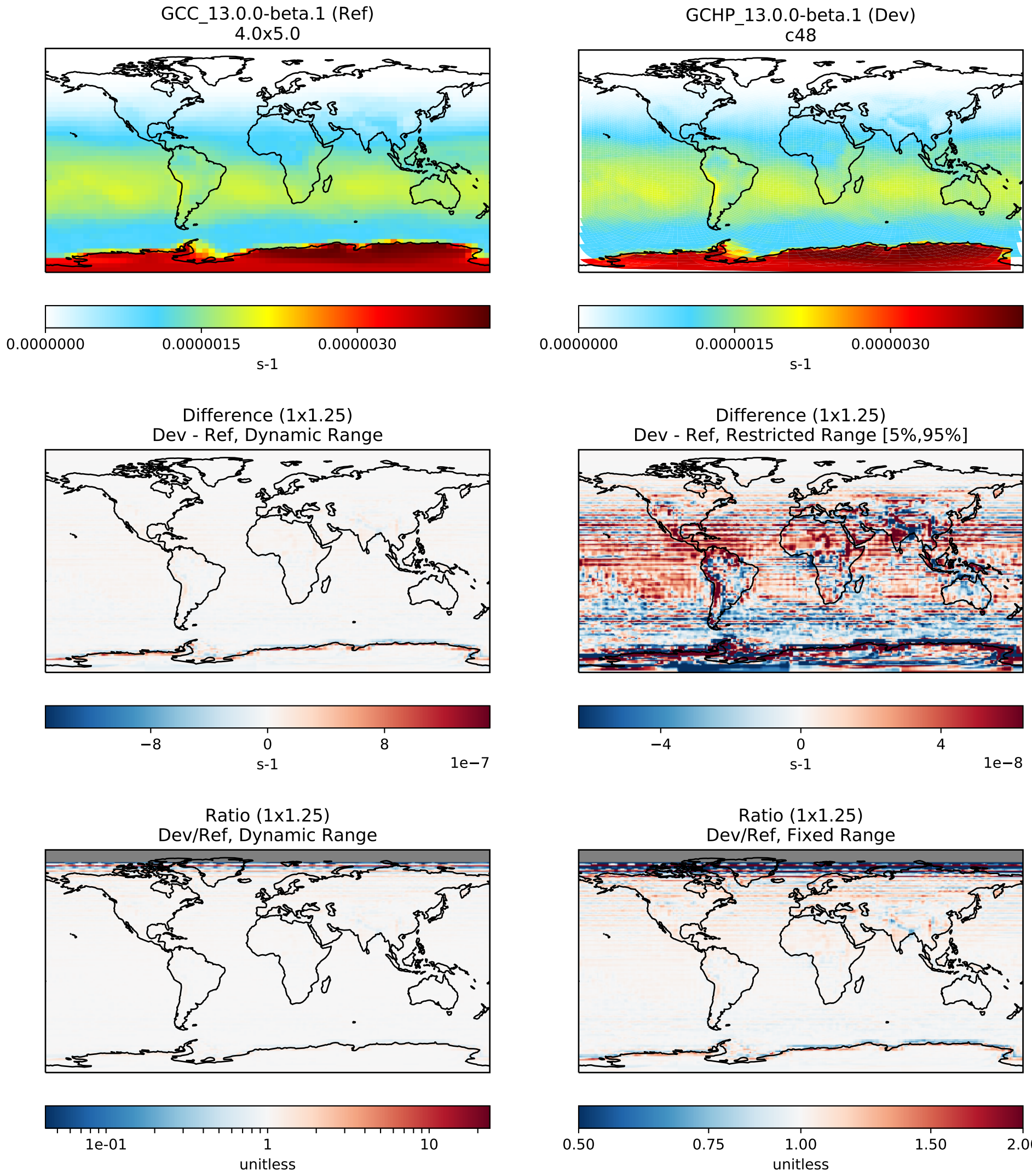

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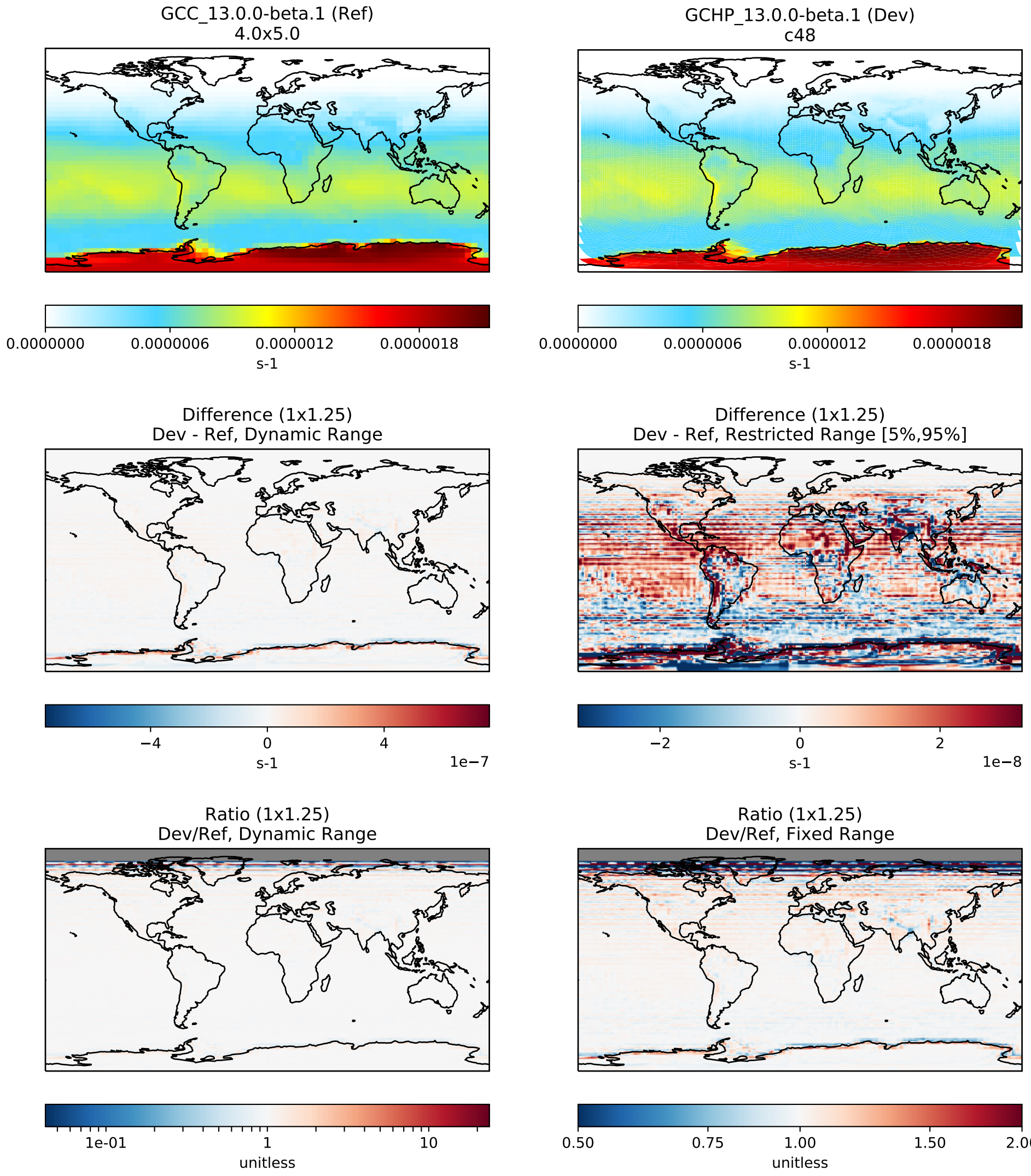

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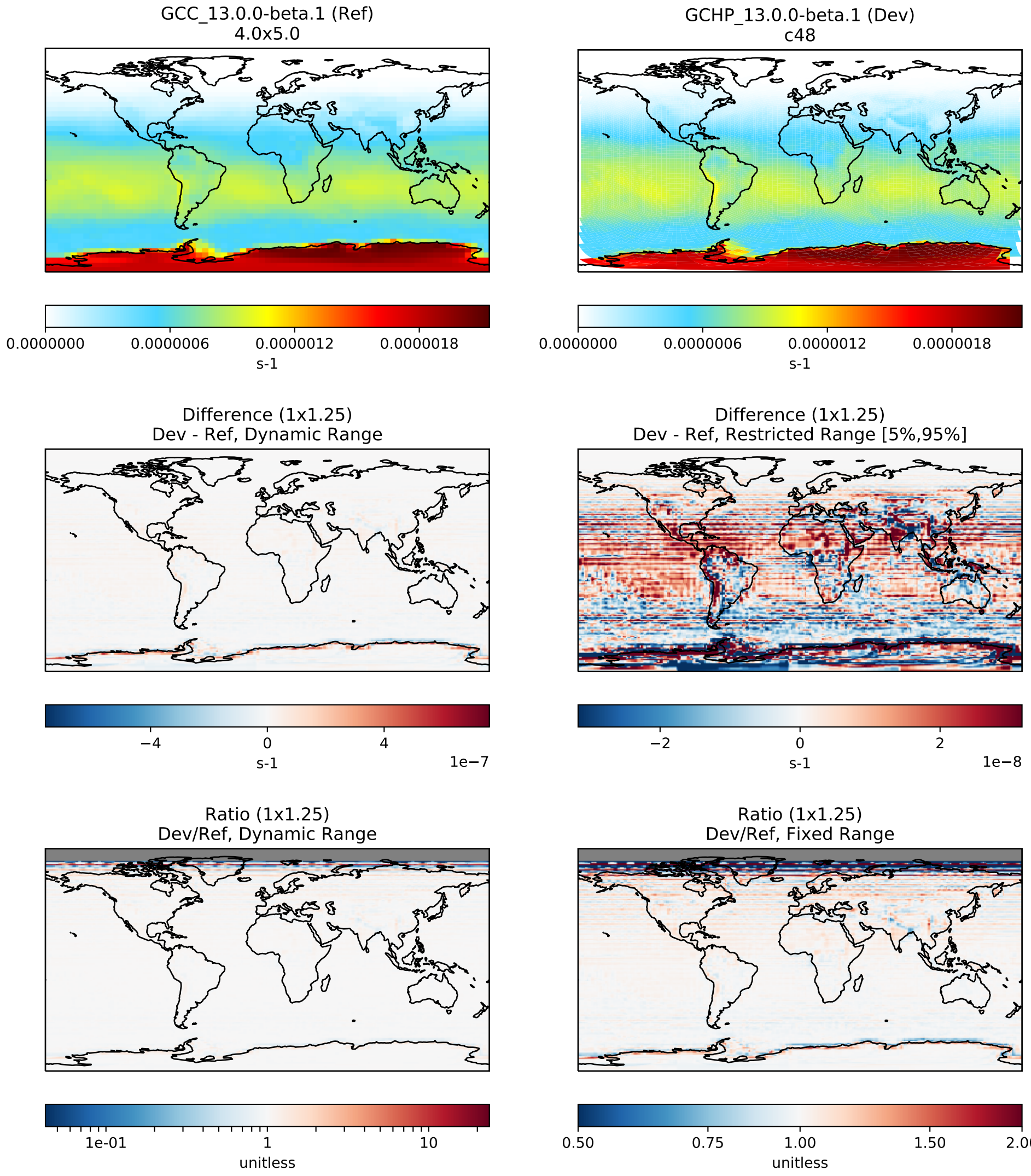

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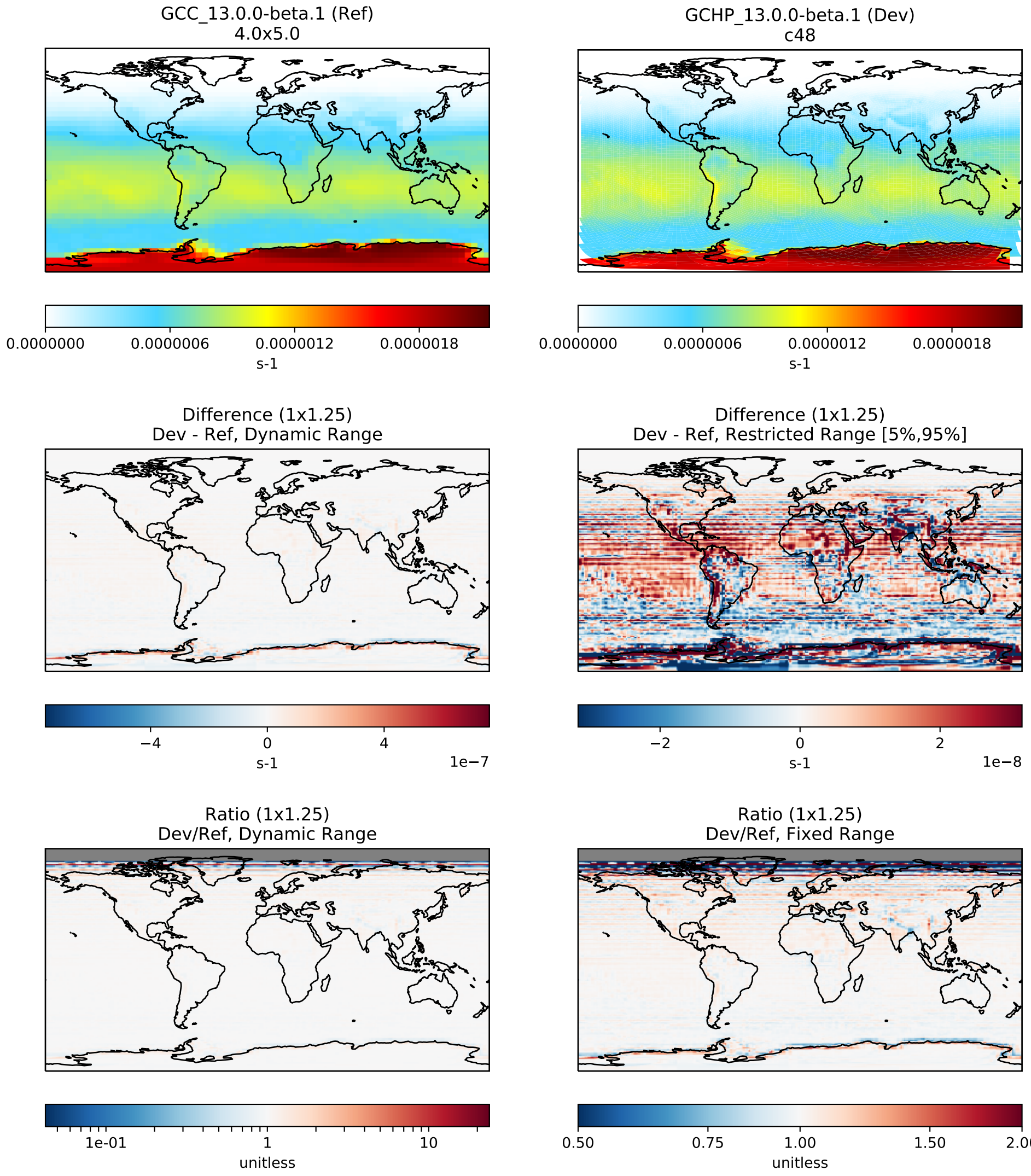

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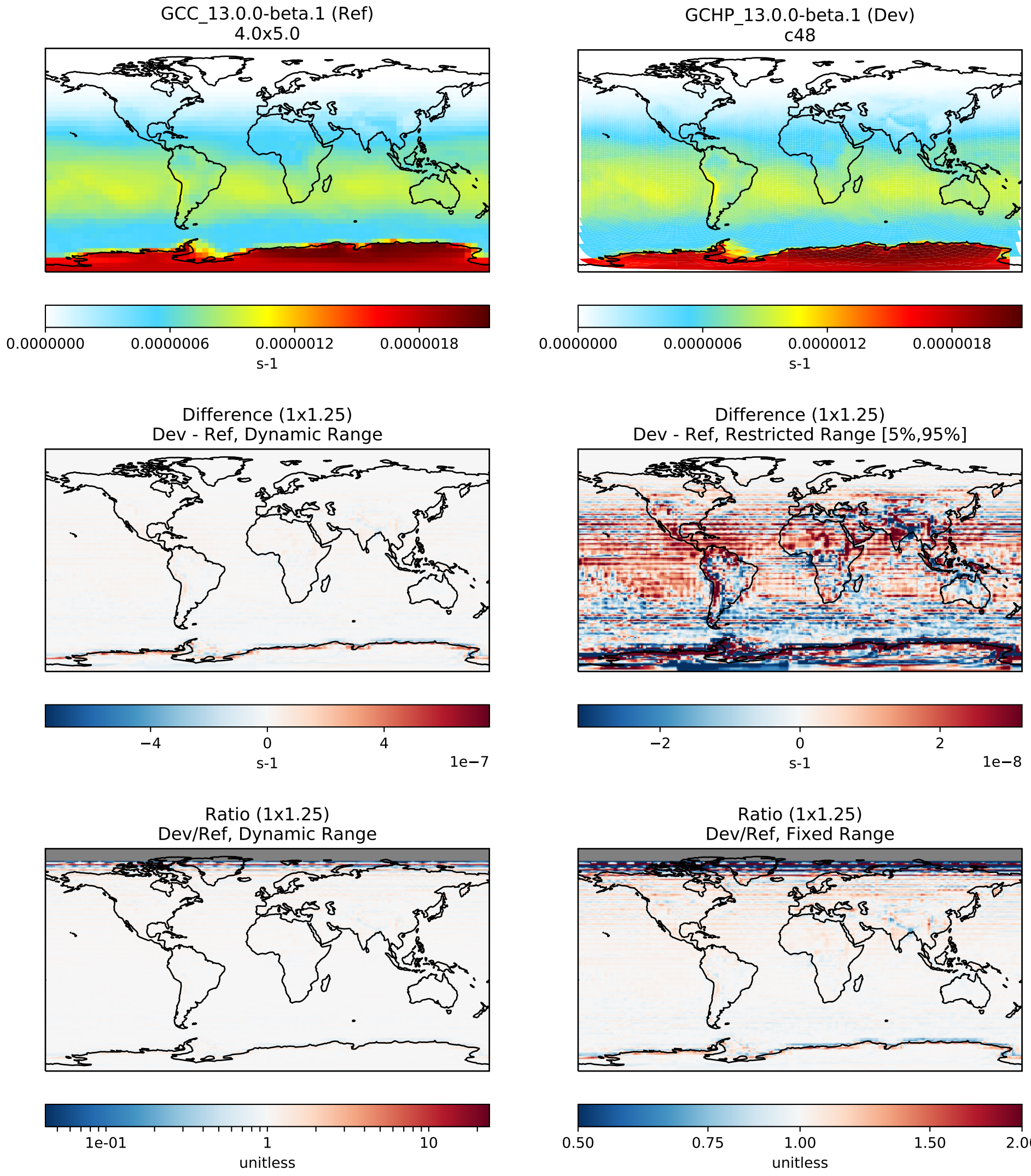
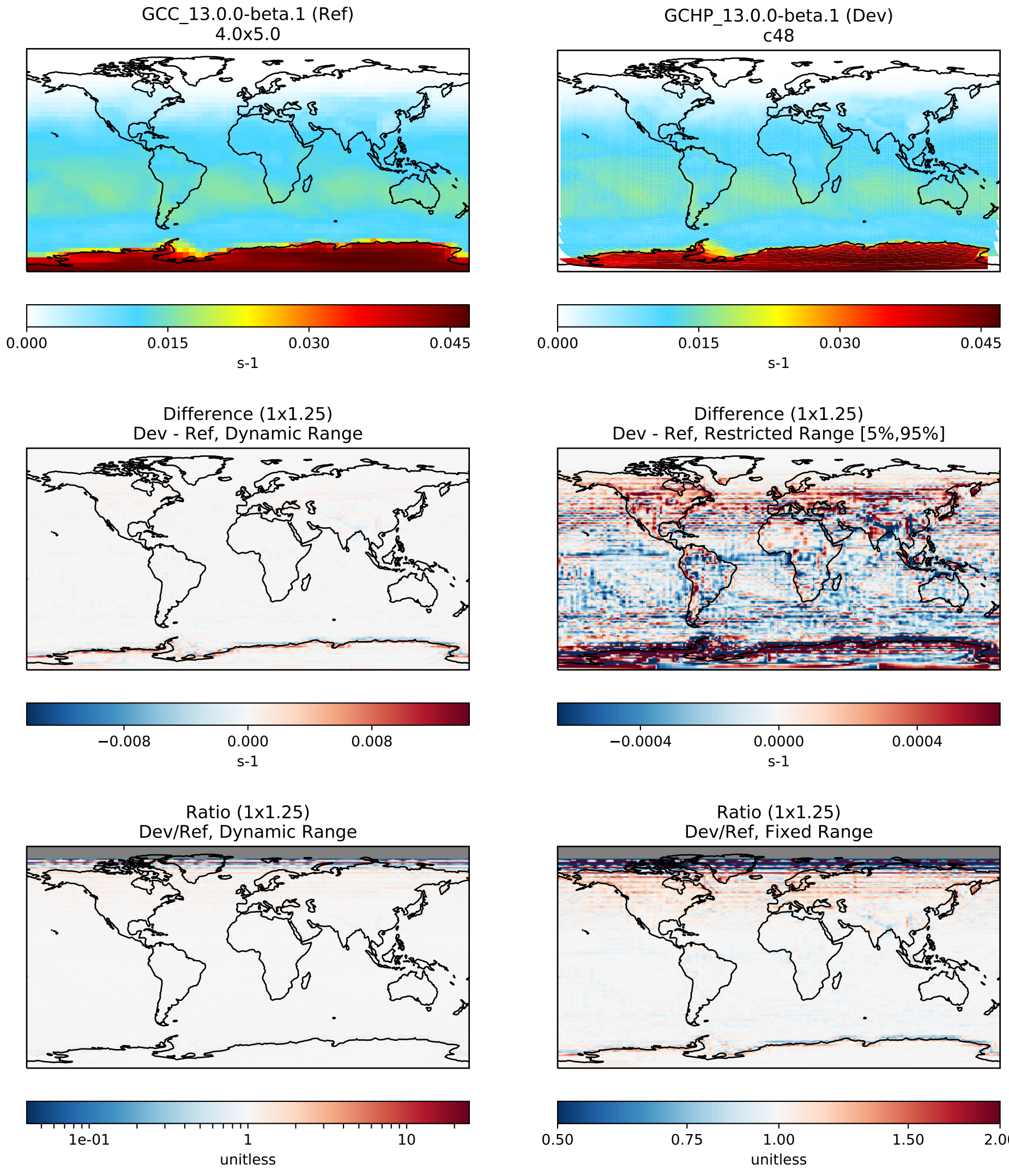


Jval_INO (Jan2019)



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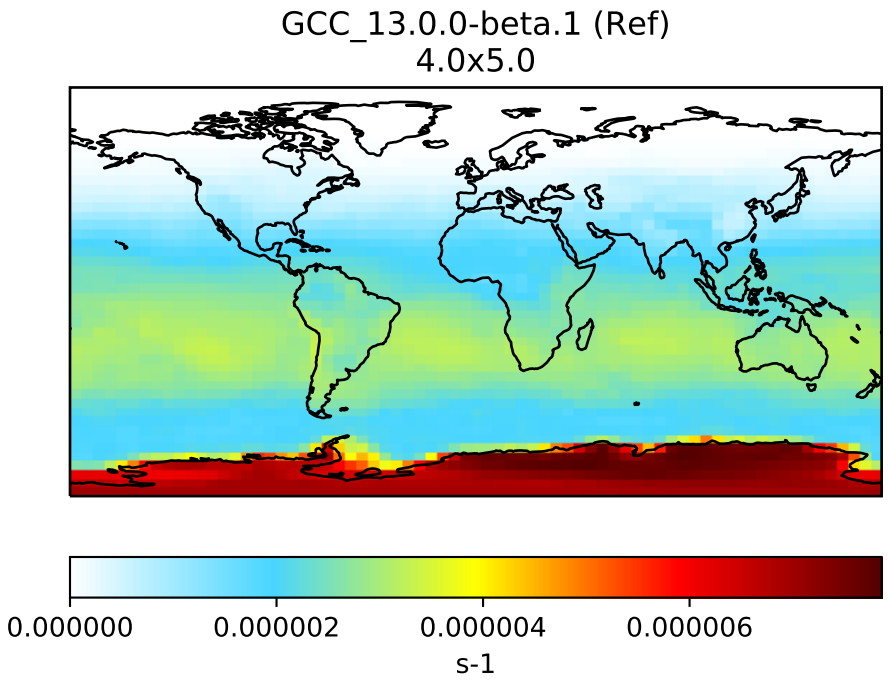

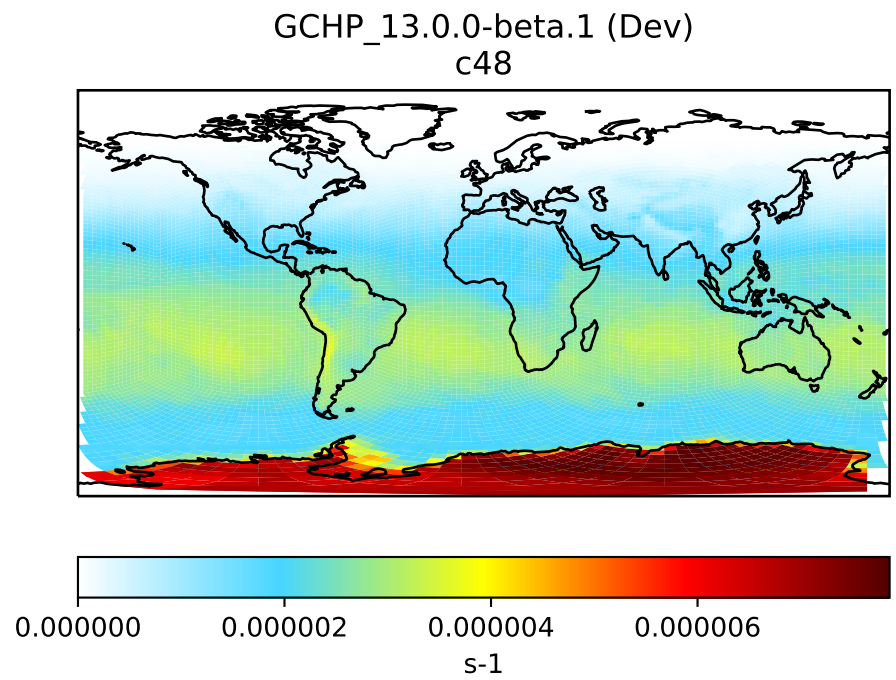

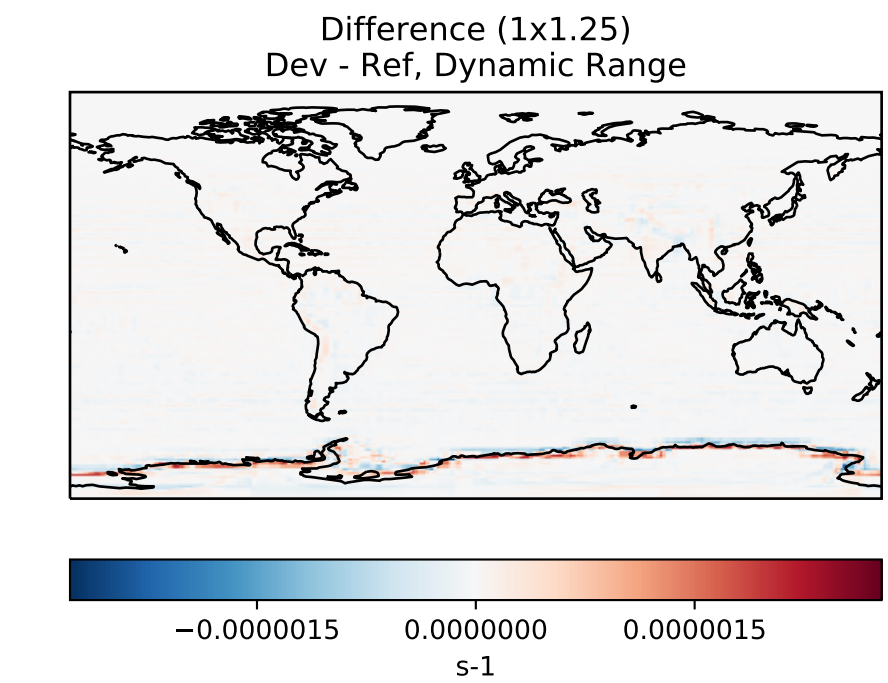

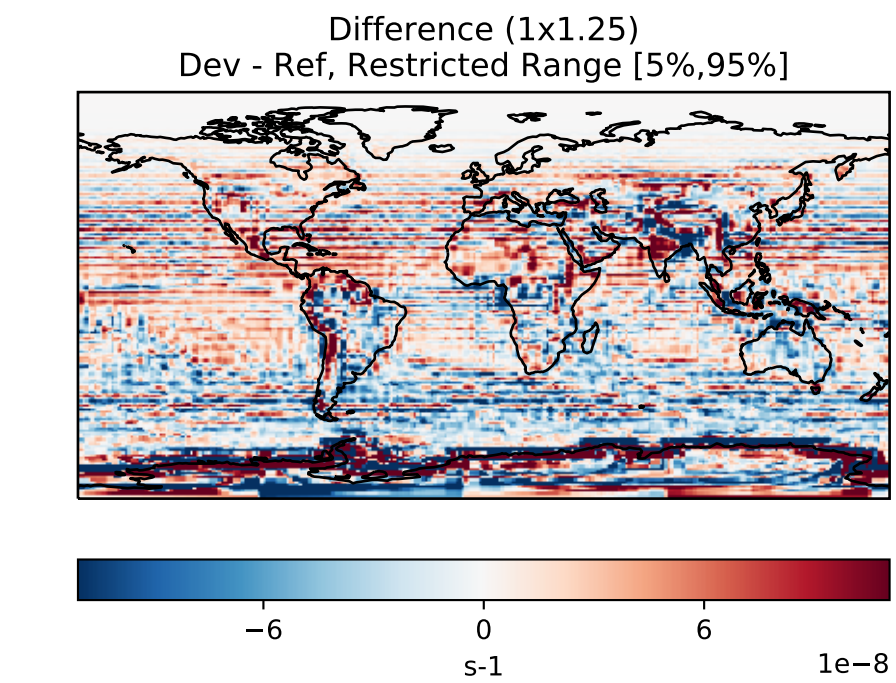

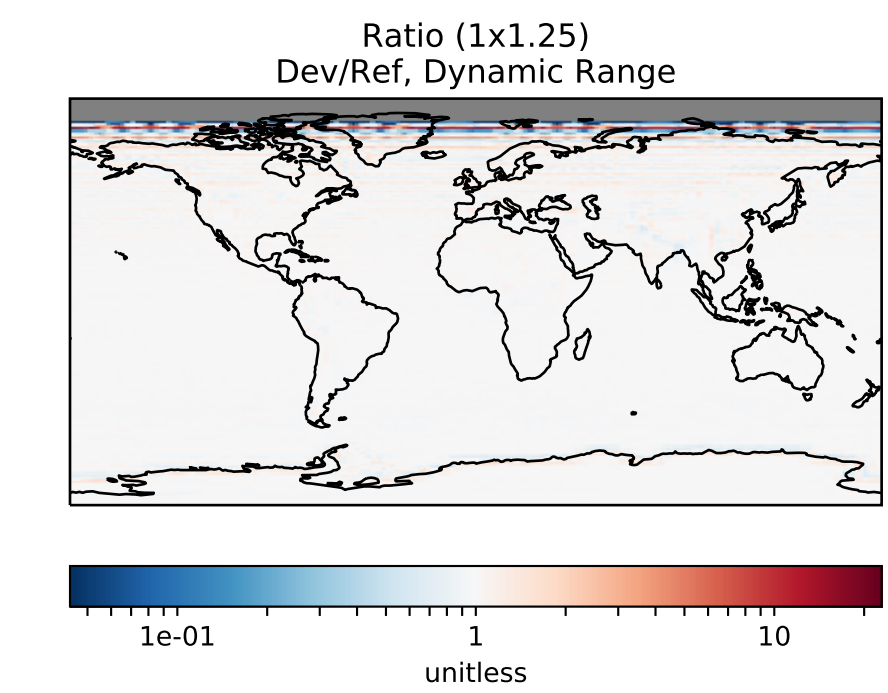

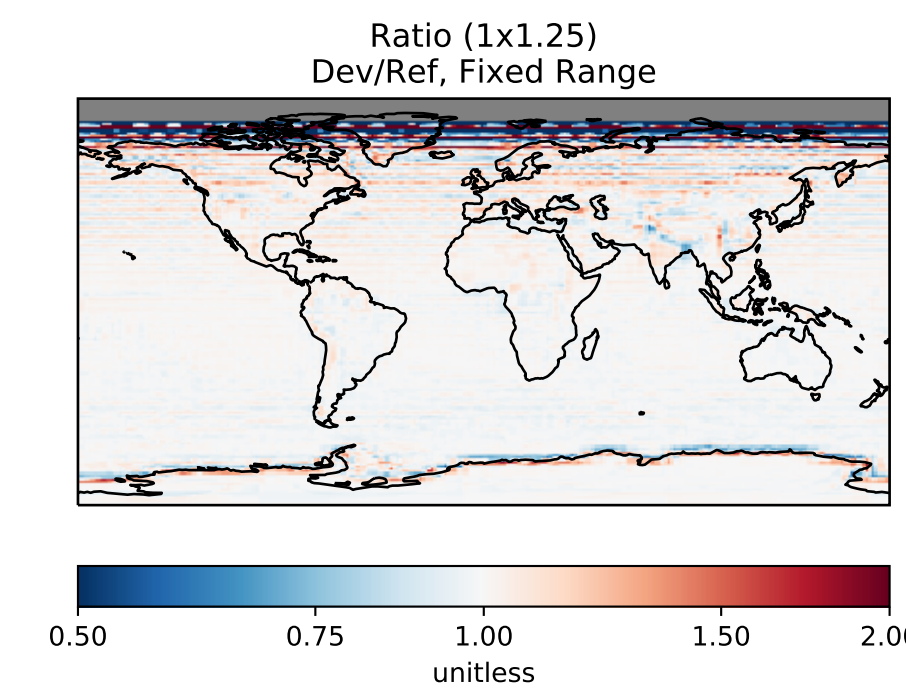

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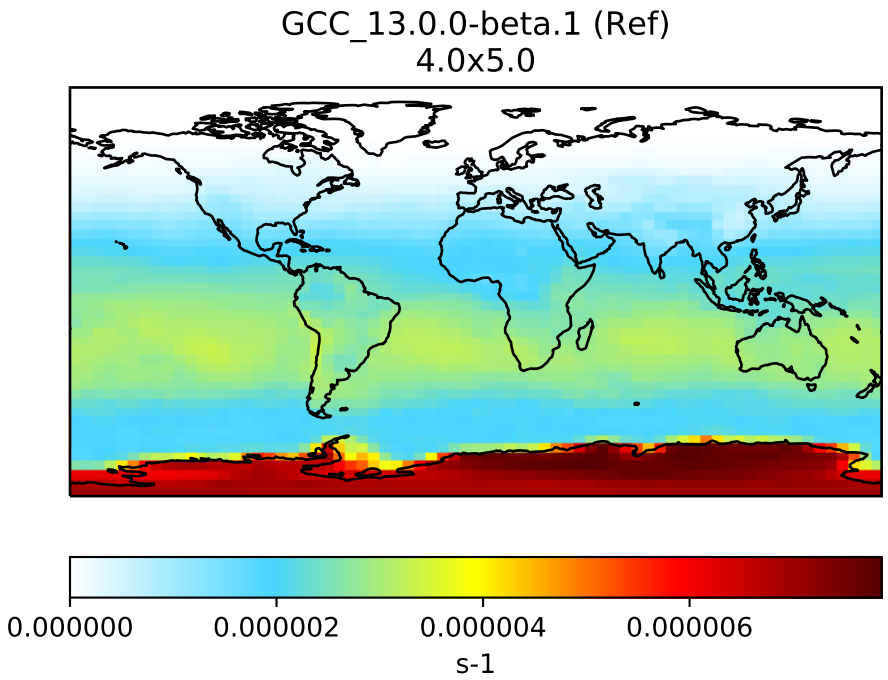

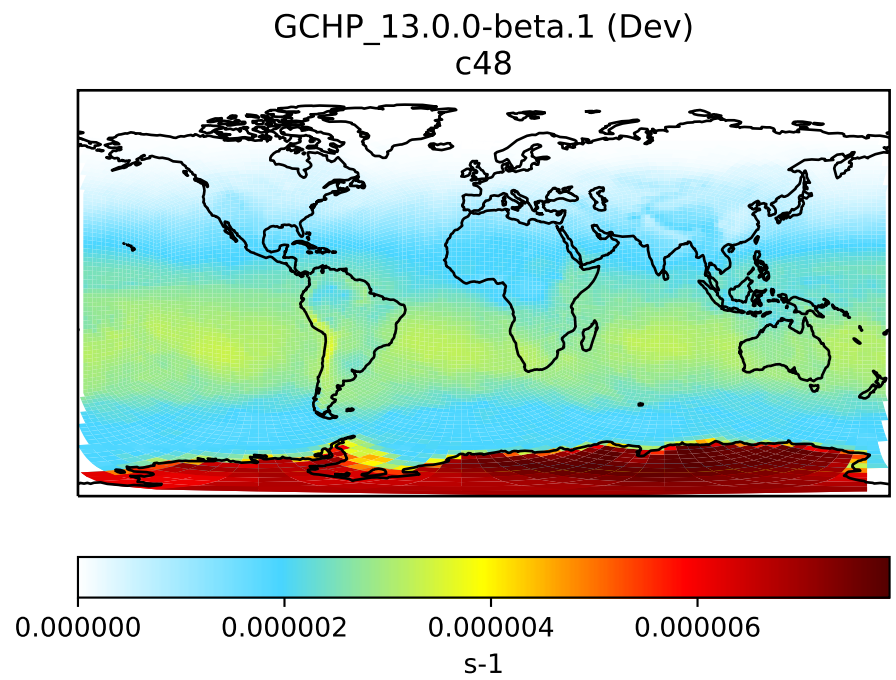

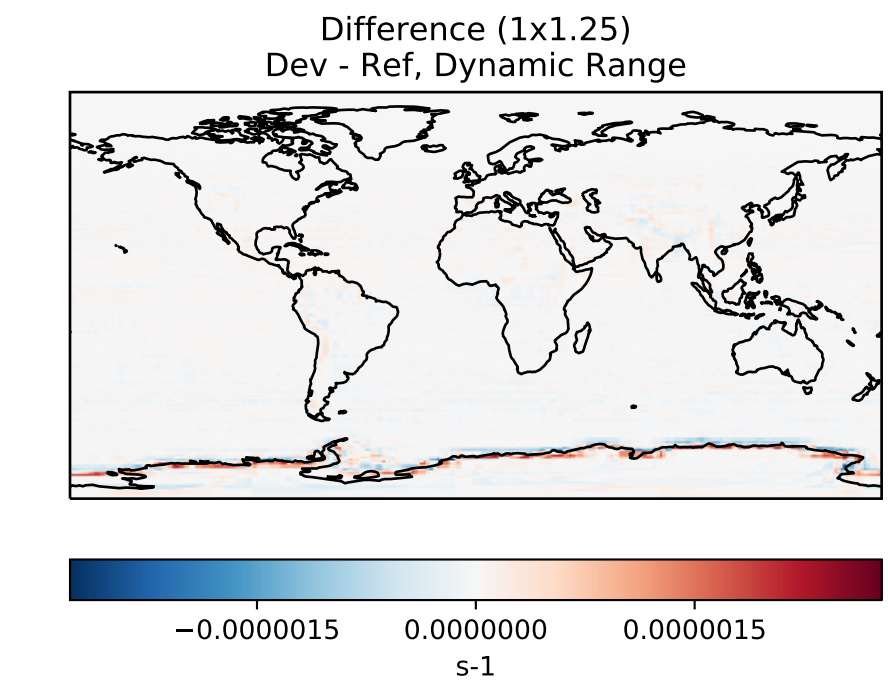

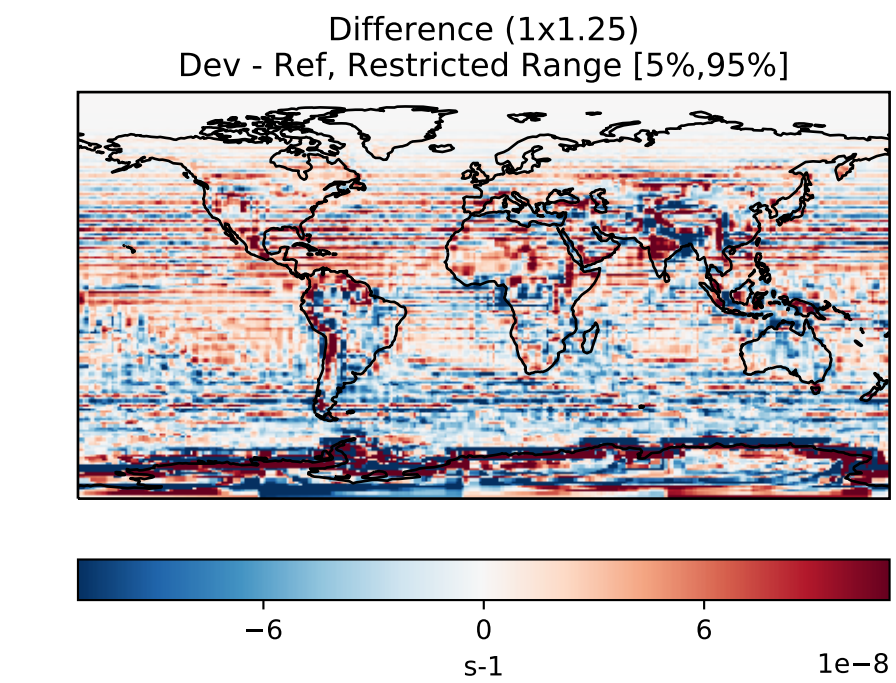

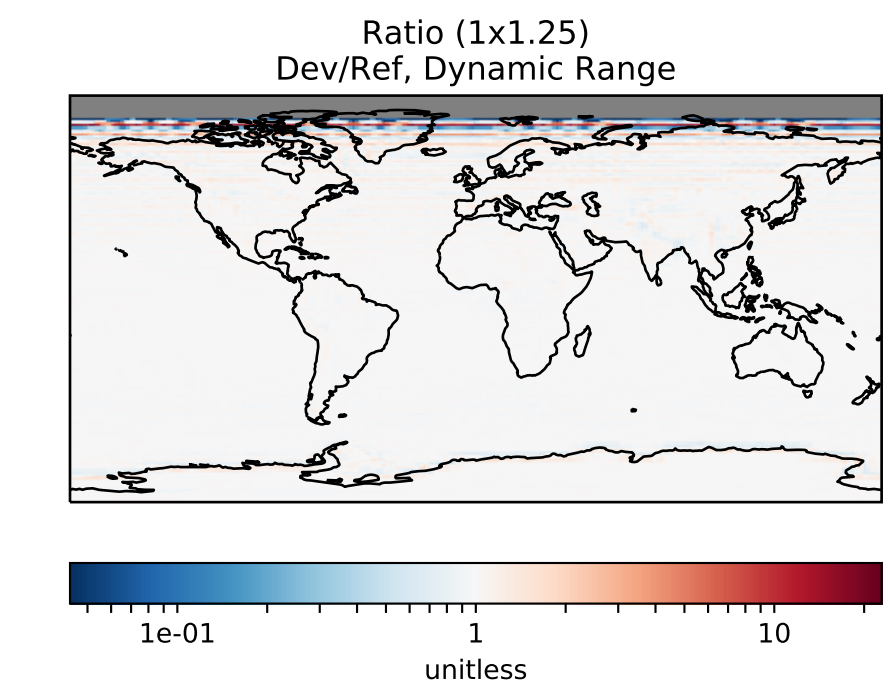

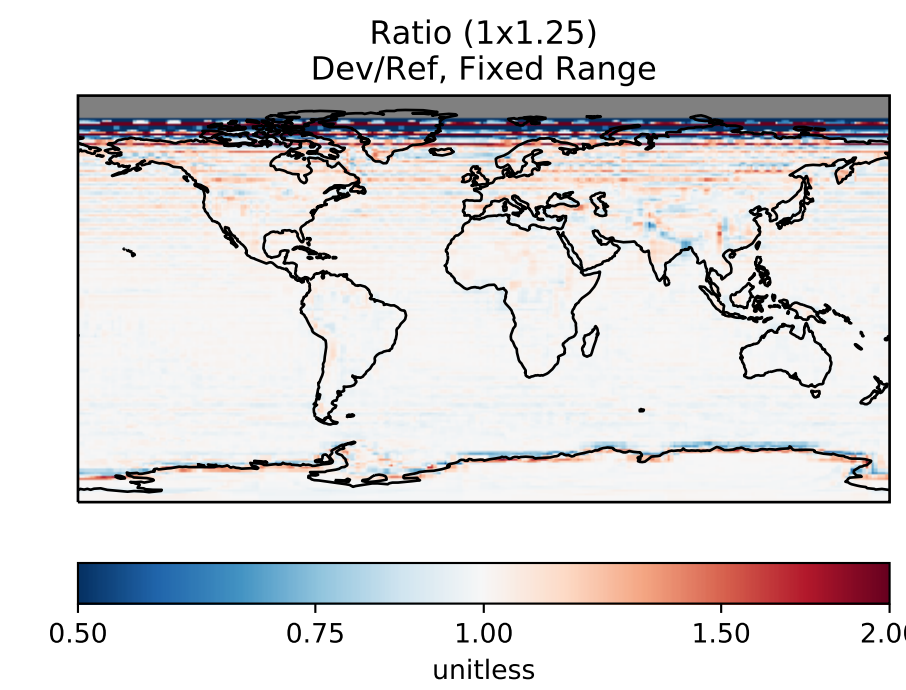

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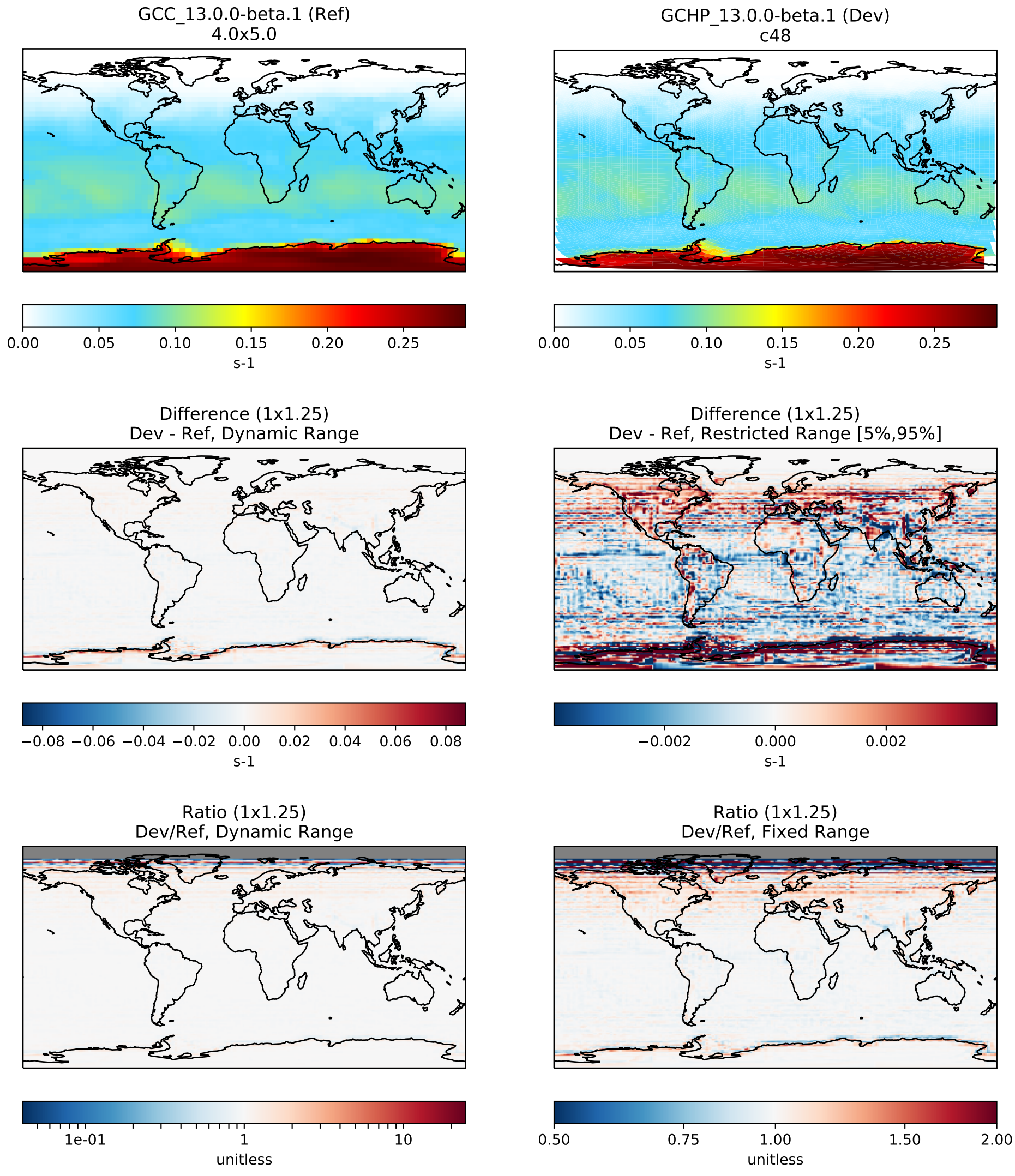

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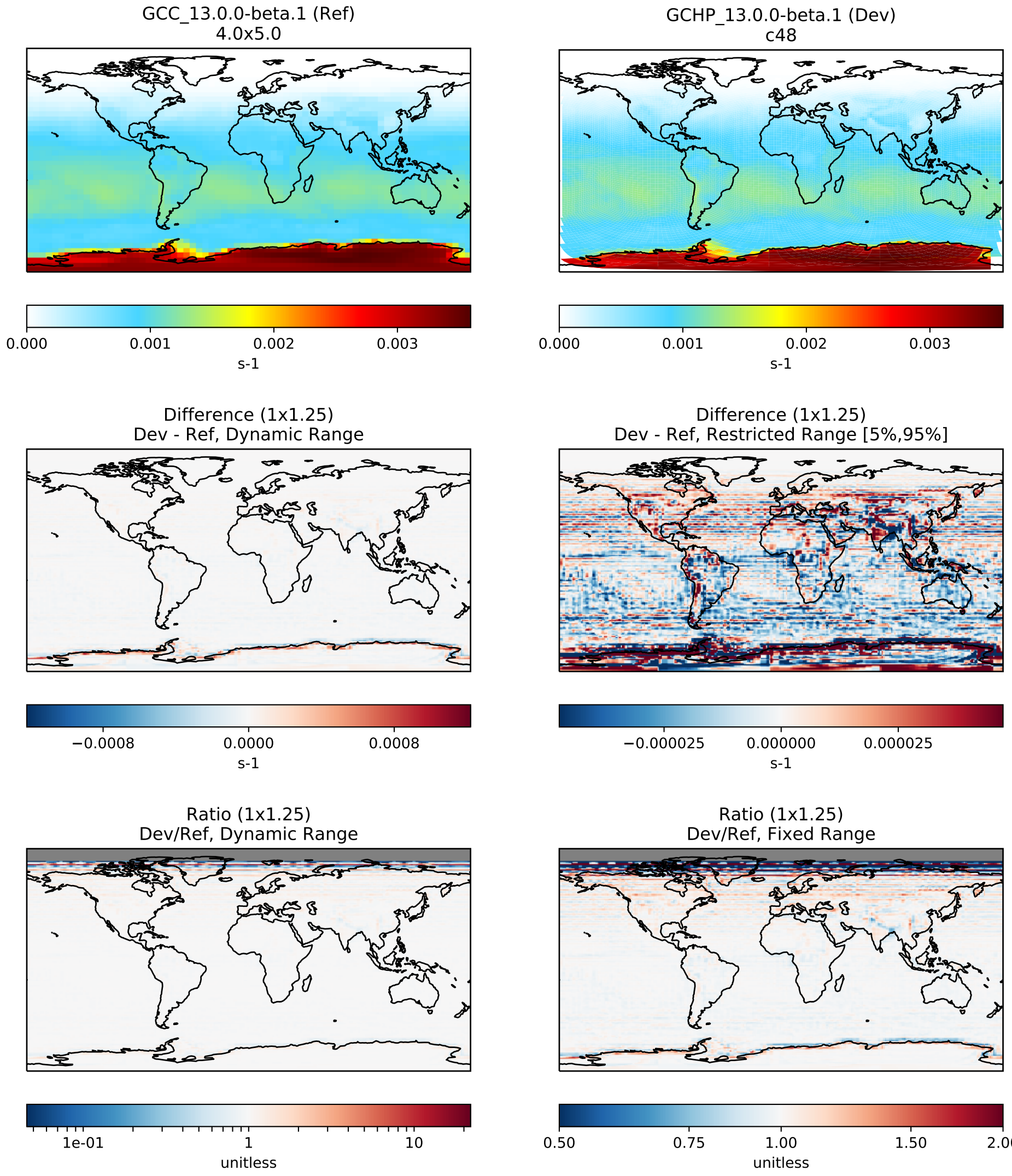

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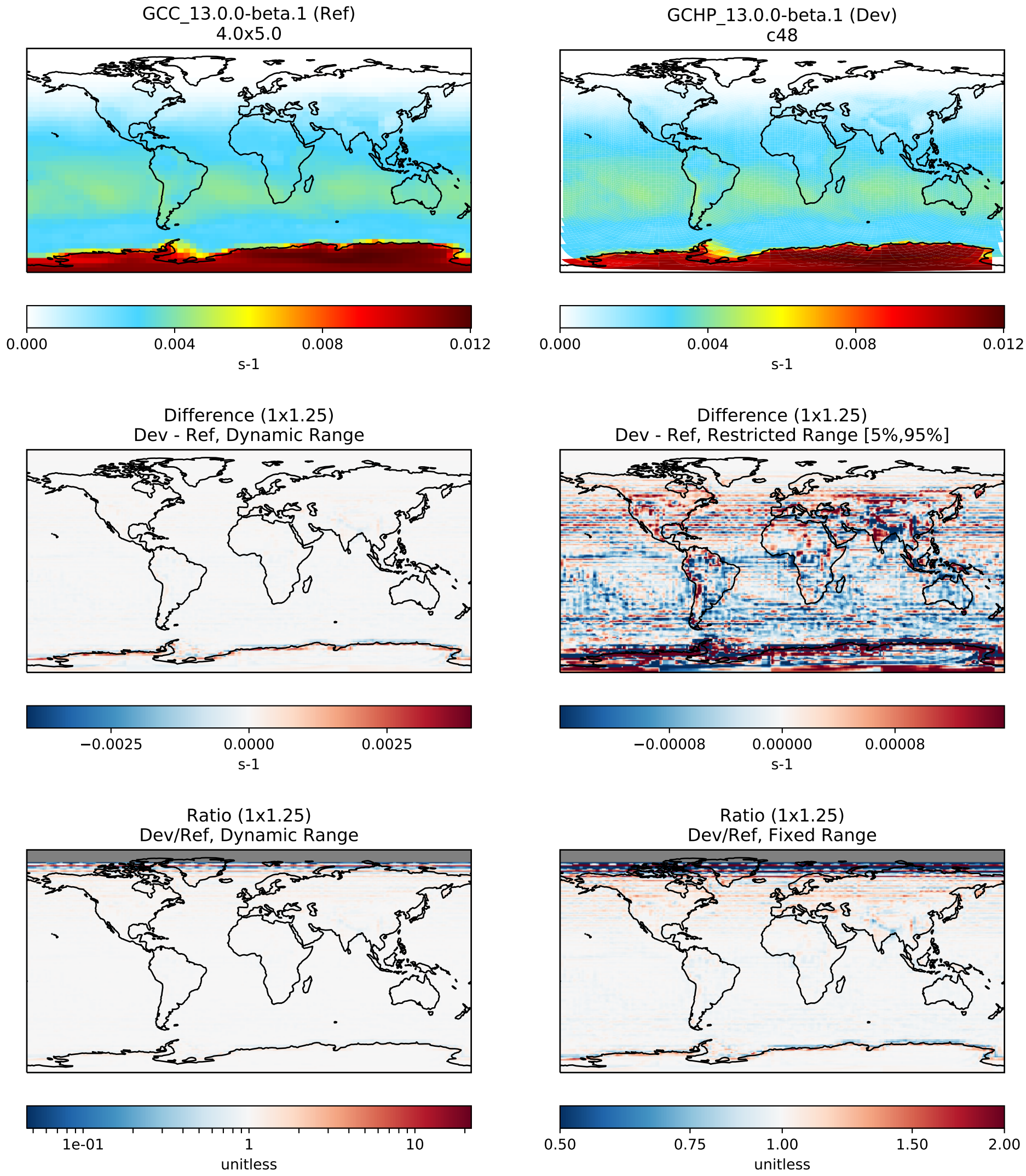

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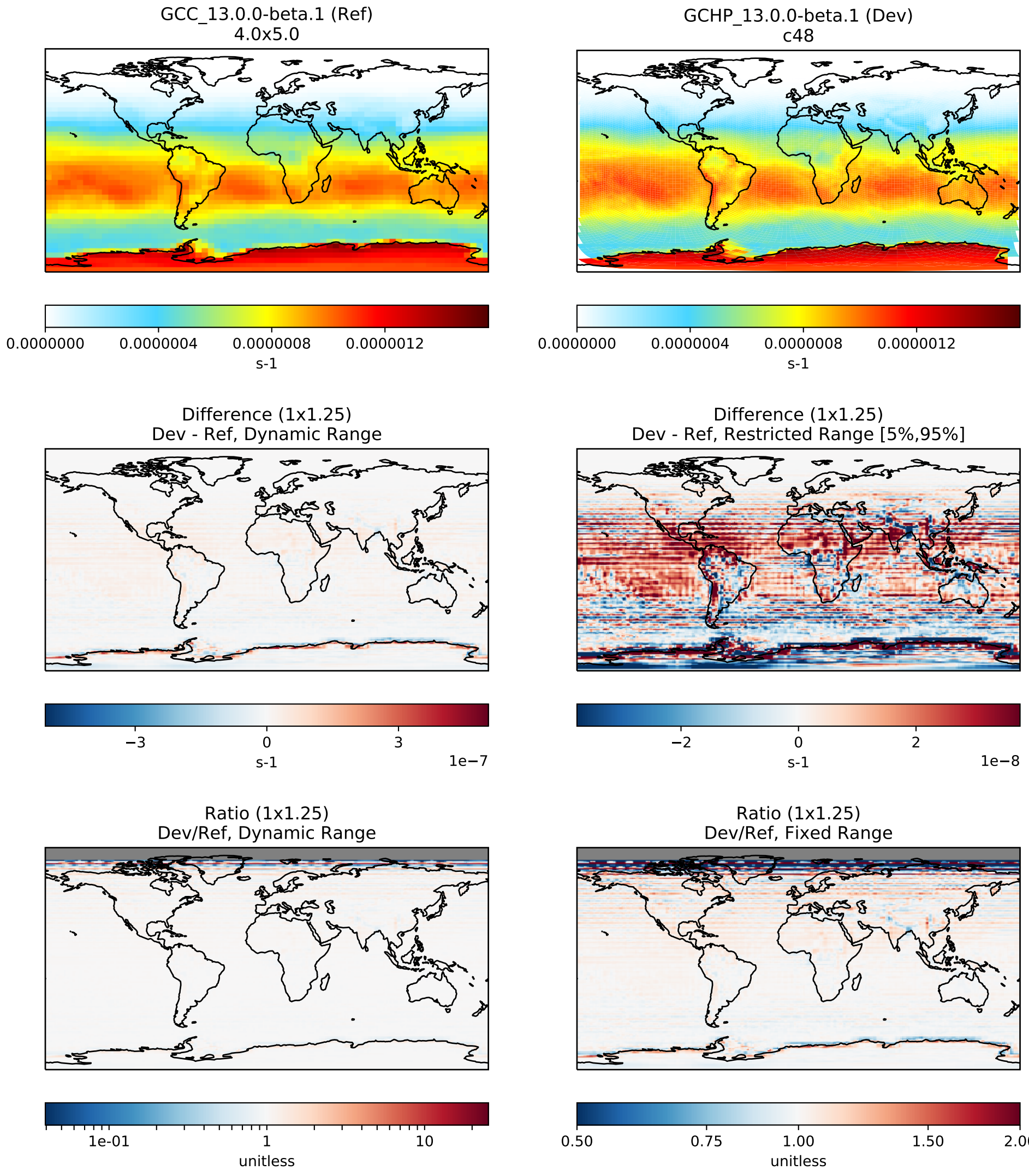
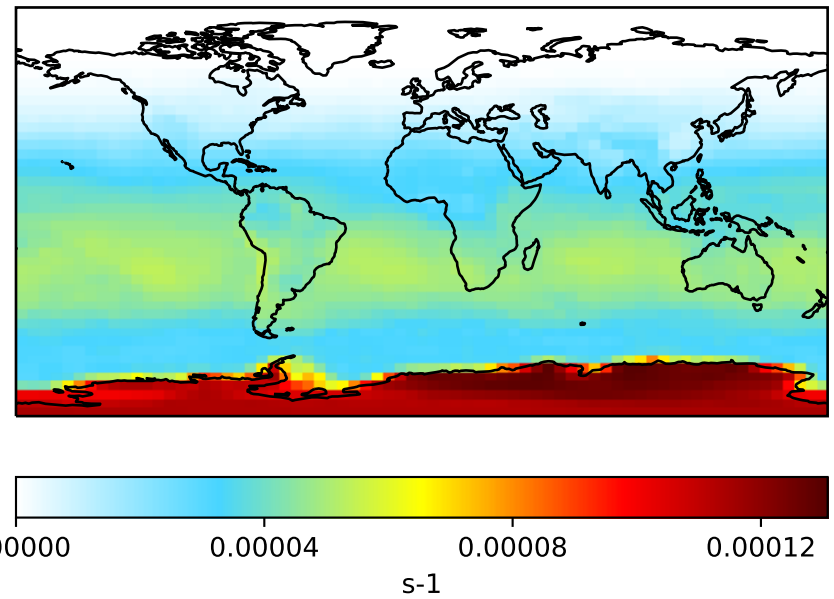
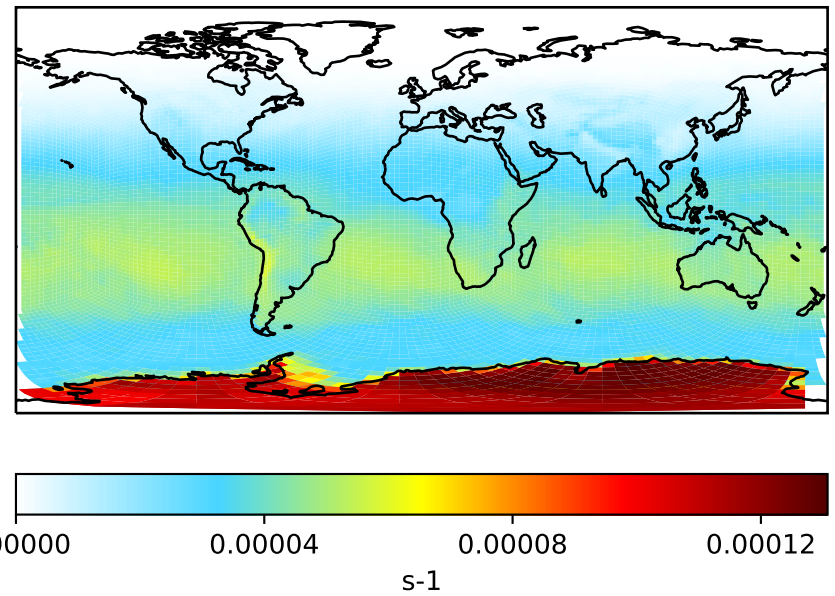


Jval_ITCN (Jan2019)

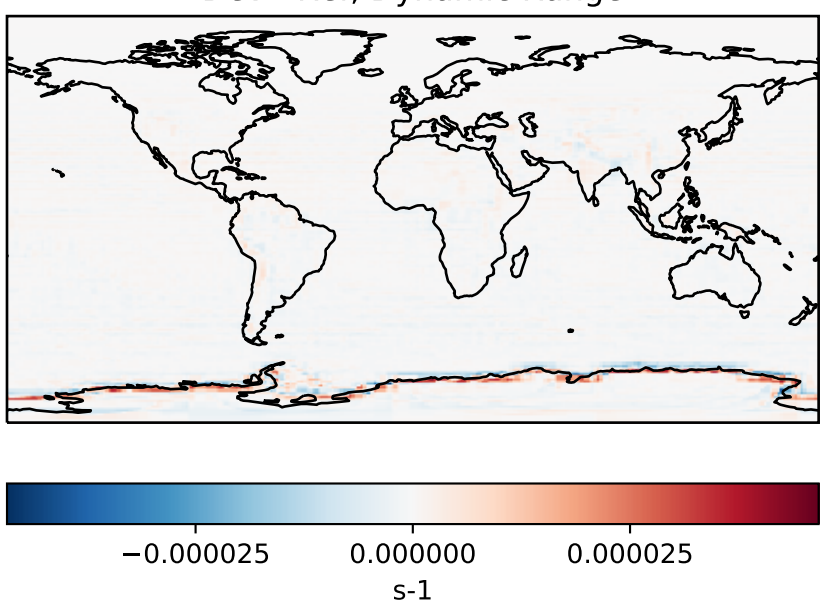
GCC_13.0.0-beta.1 (Ref)
4.0x5.0



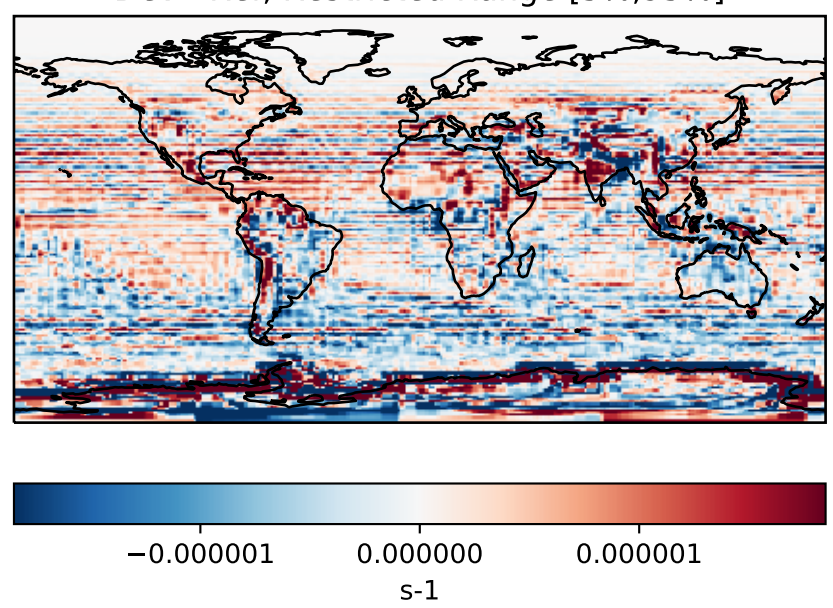
GCHP_13.0.0-beta.1 (Dev)
c48



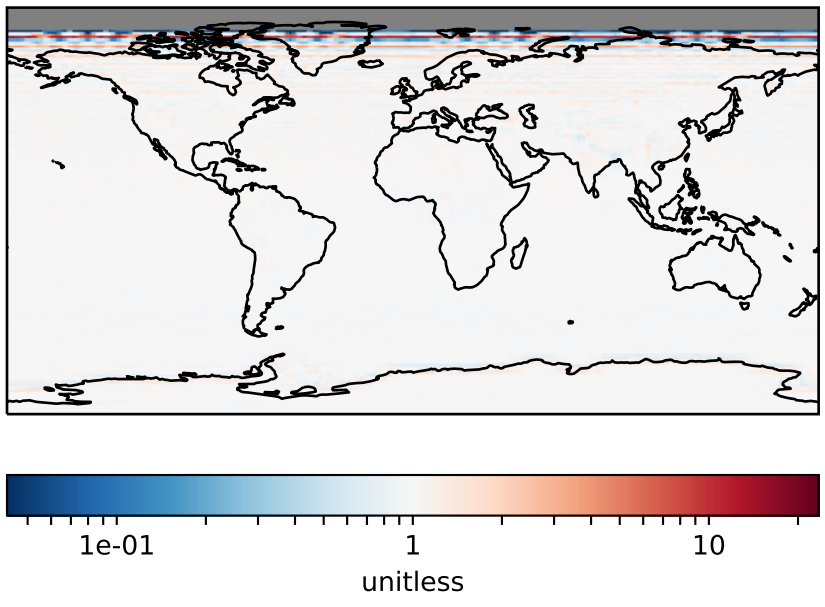
Difference (1x1.25)
Dev - Ref, Dynamic Range



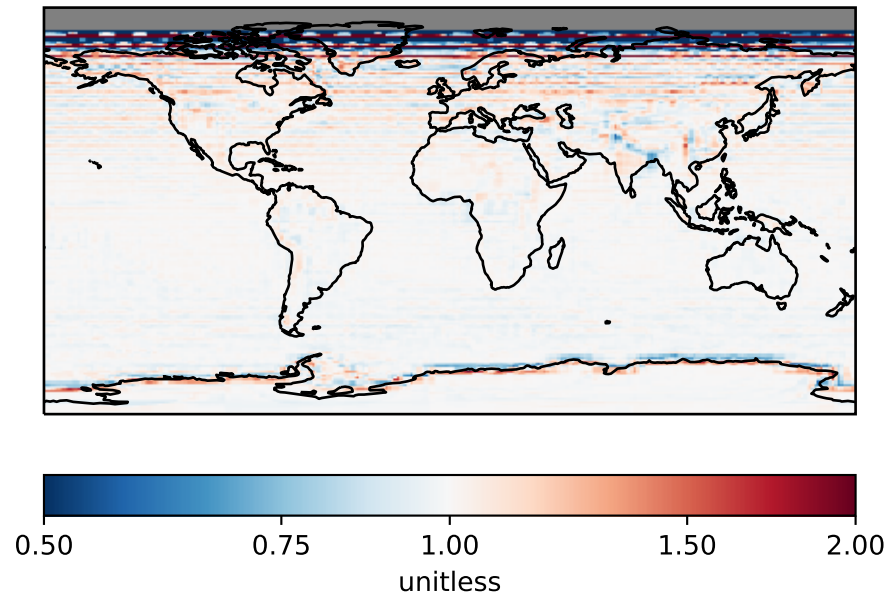
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



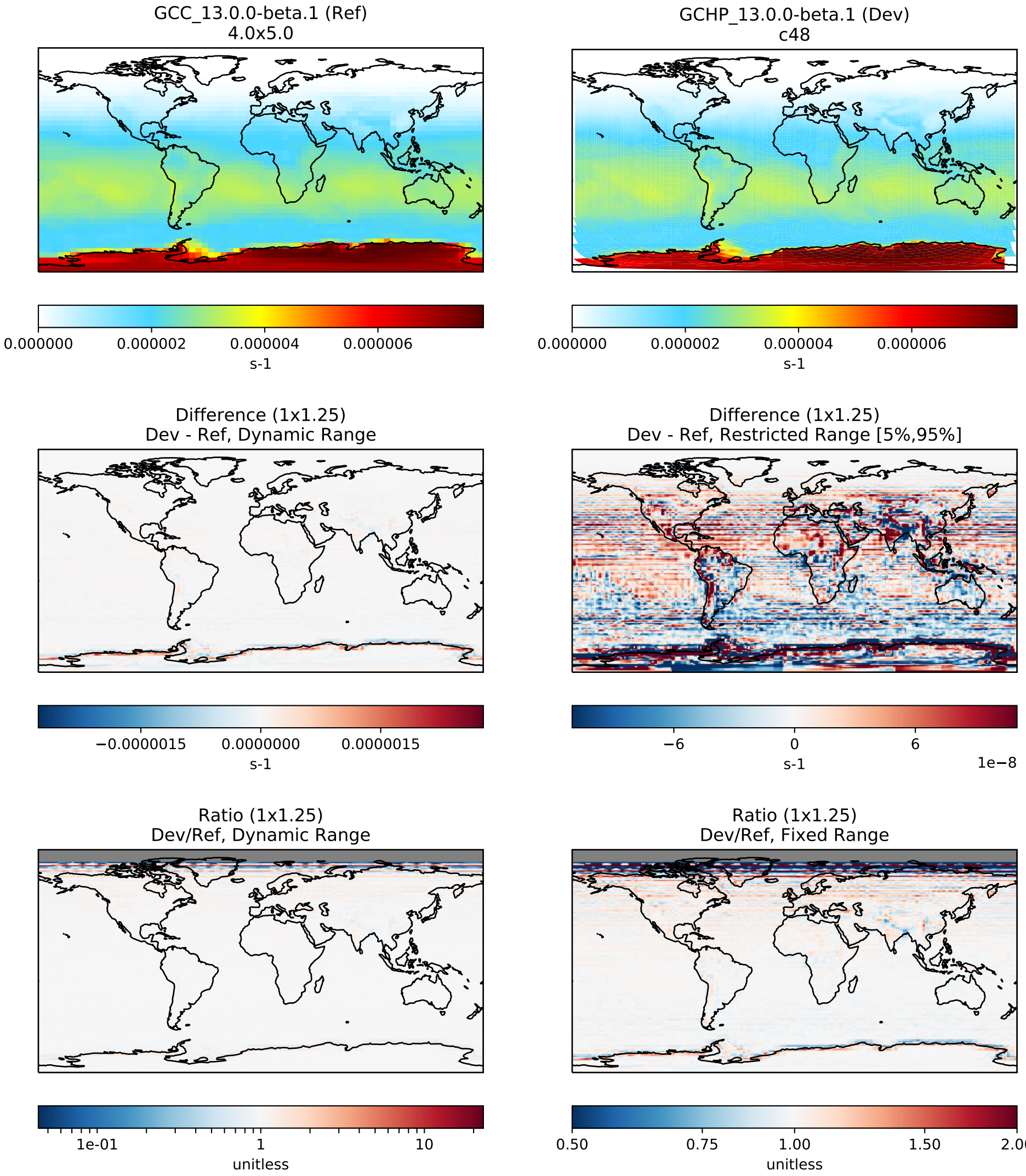
Ratio (1x1.25)
Dev/Ref, Dynamic Range



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

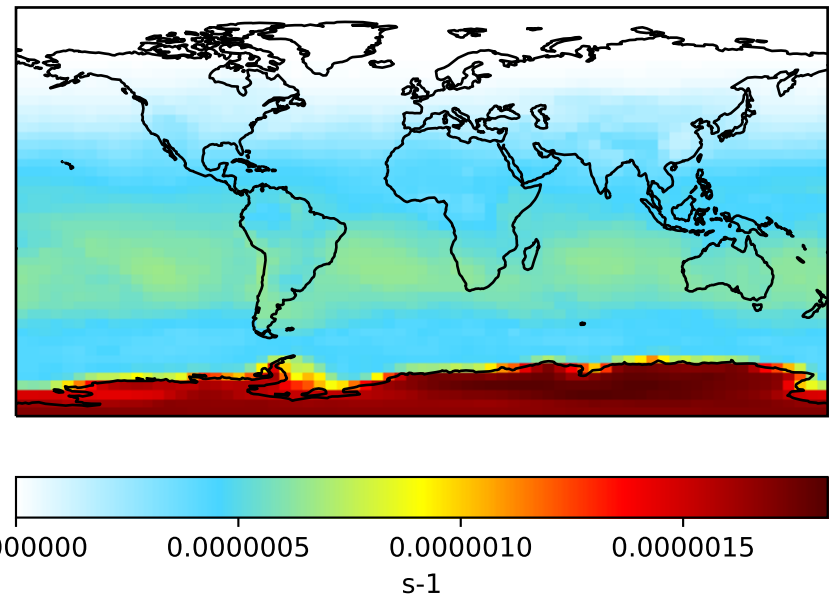


Jval_ITHN (Jan2019)

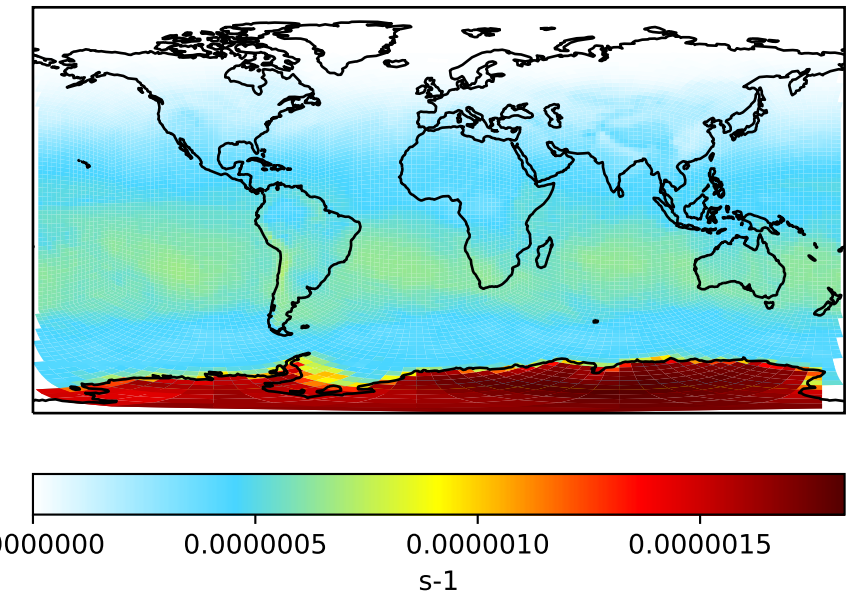


Jval_MACR (Jan2019)

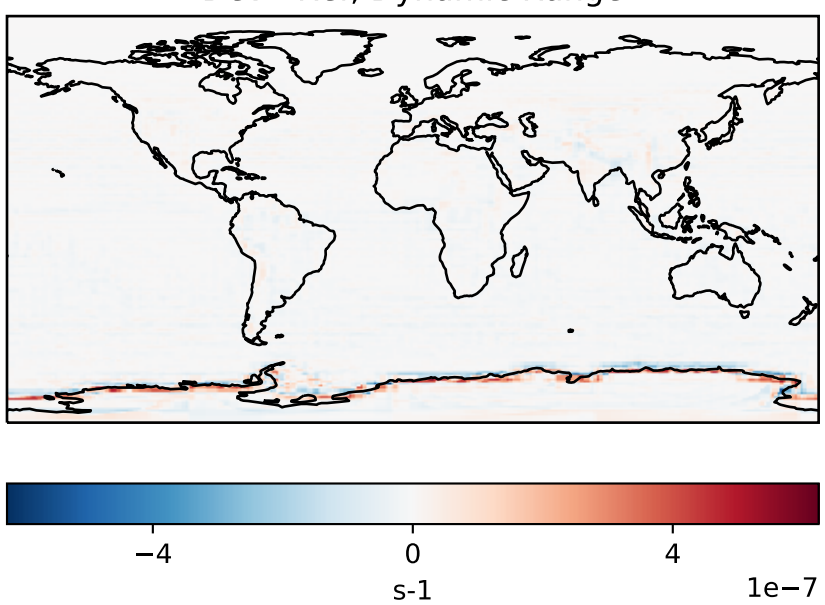
GCC_13.0.0-beta.1 (Ref)
4.0x5.0



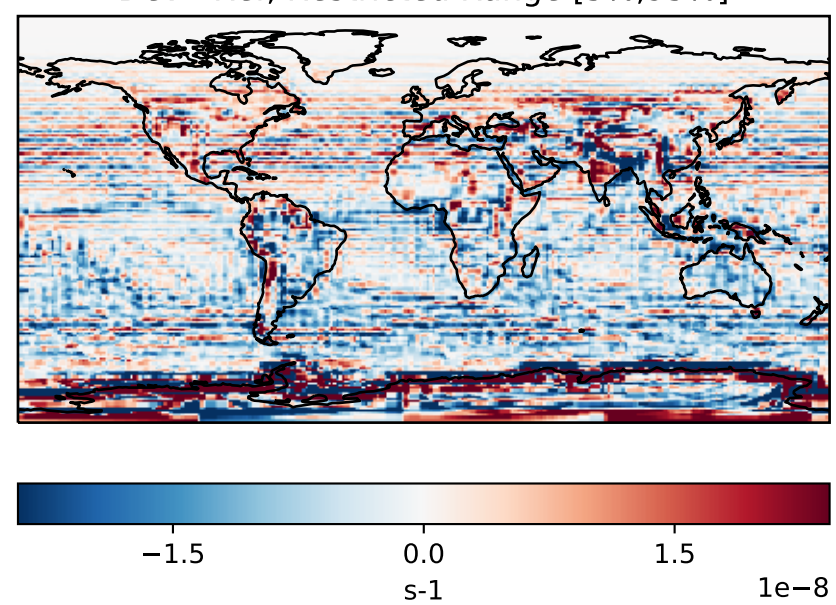
GCHP_13.0.0-beta.1 (Dev)
c48



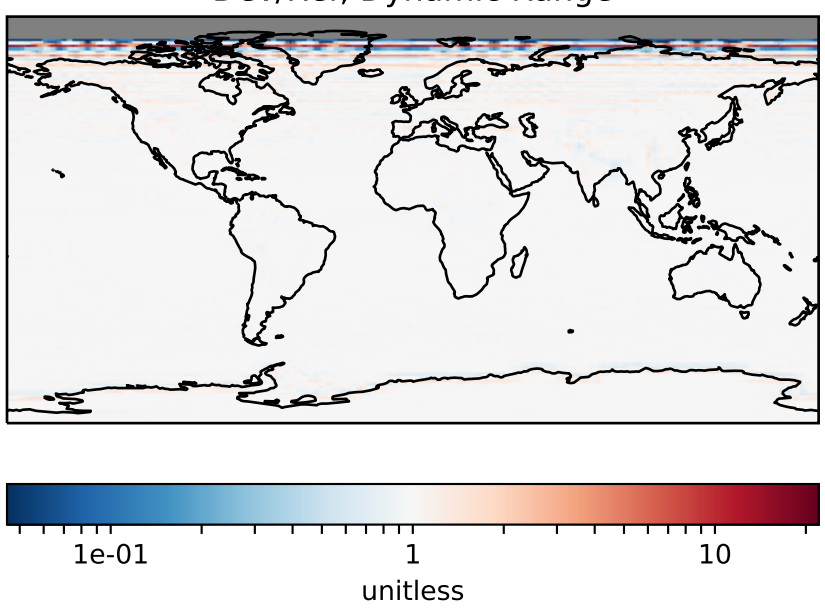
Difference (1x1.25)
Dev - Ref, Dynamic Range



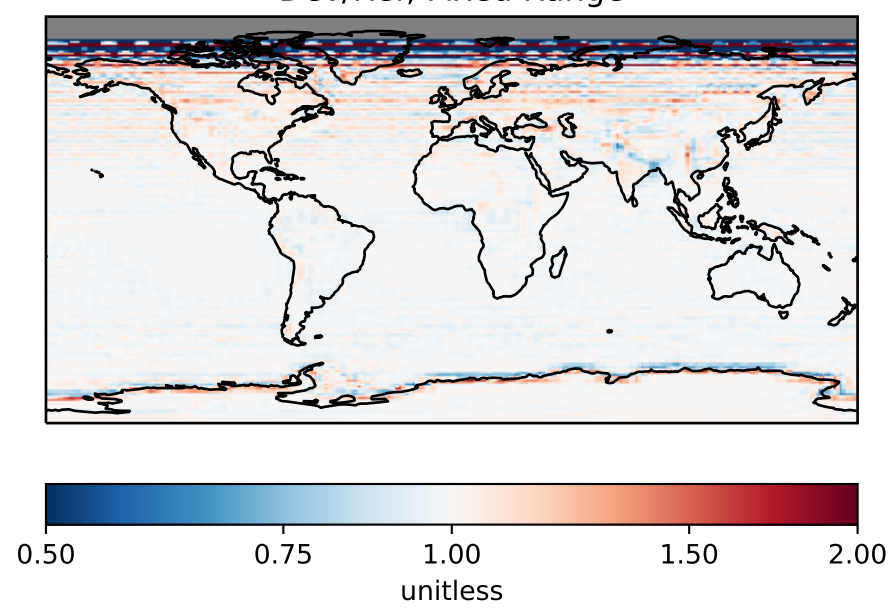
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



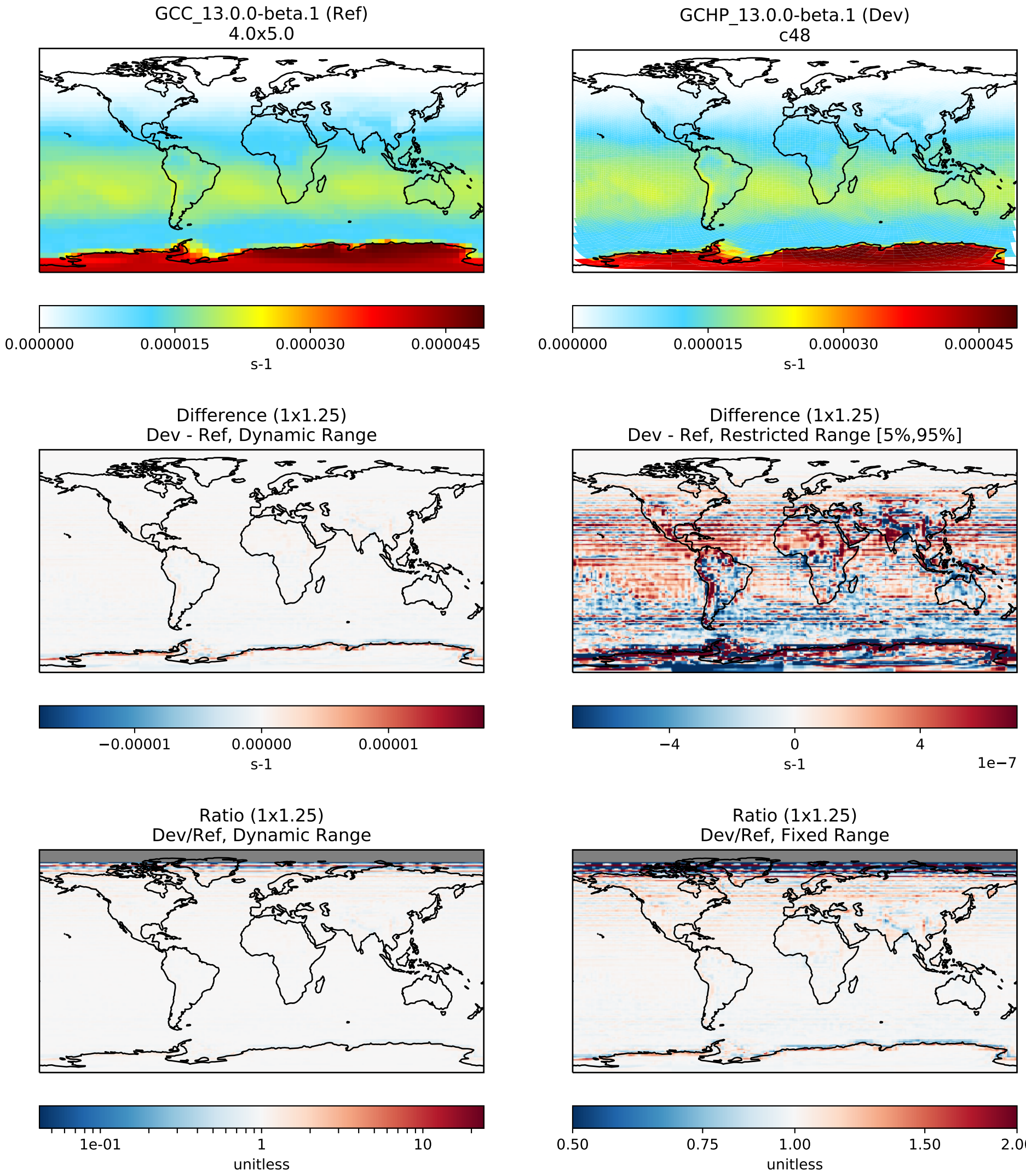
Ratio (1x1.25)
Dev/Ref, Dynamic Range



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

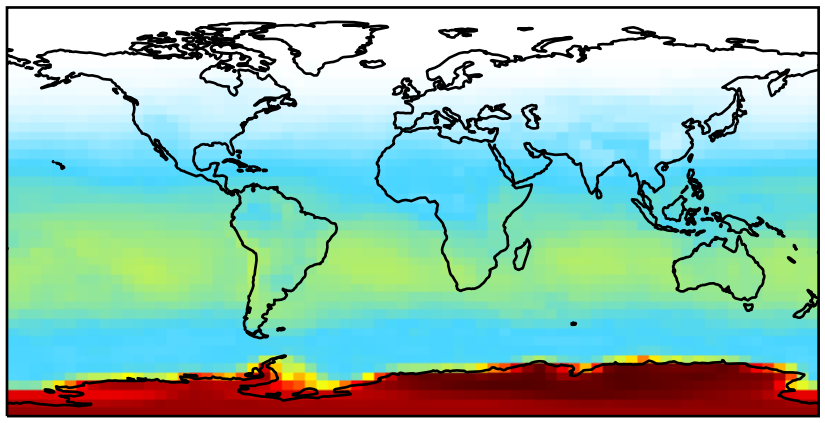


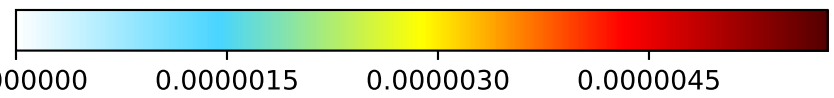
Jval_MACR1OOH (Jan2019)



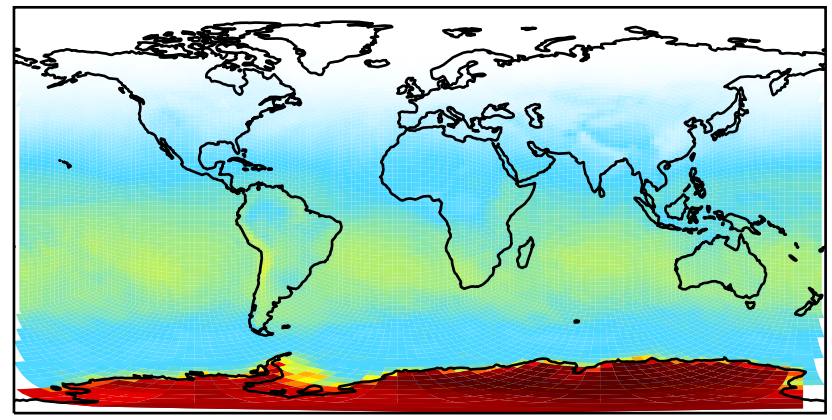
Jval_MAP (Jan2019)

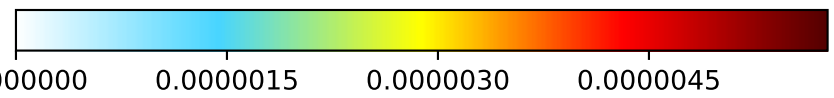
GCC_13.0.0-beta.1 (Ref)
4.0x5.0



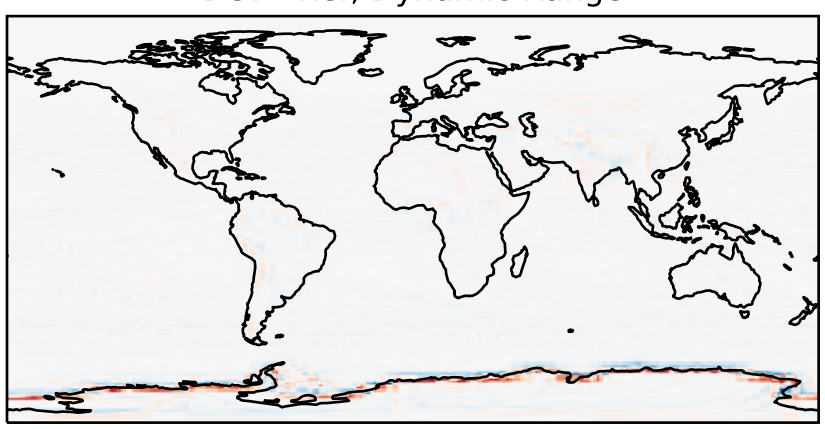


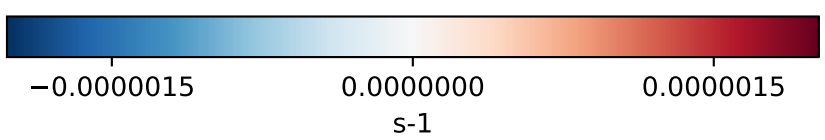
GCHP_13.0.0-beta.1 (Dev)
c48



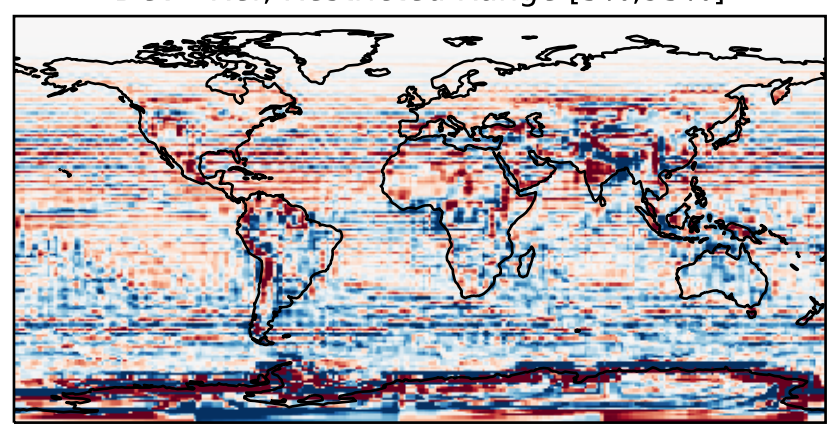


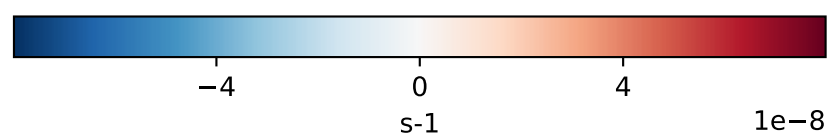
Difference (1x1.25)
Dev - Ref, Dynamic Range



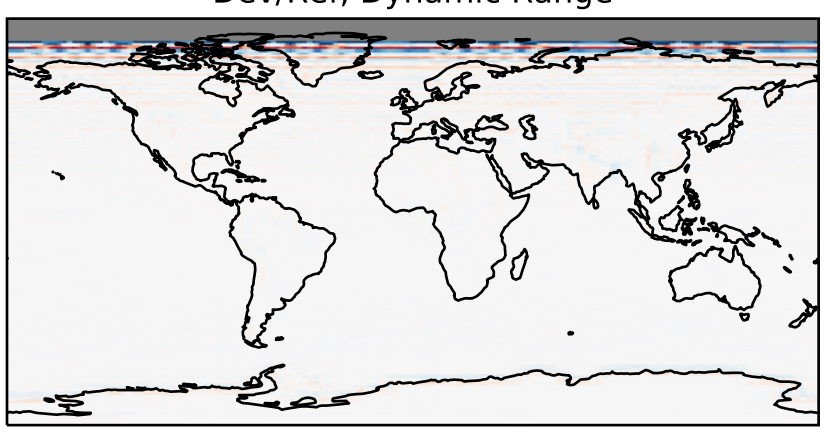


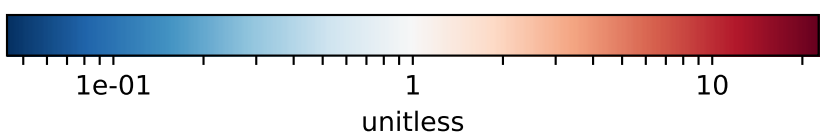
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



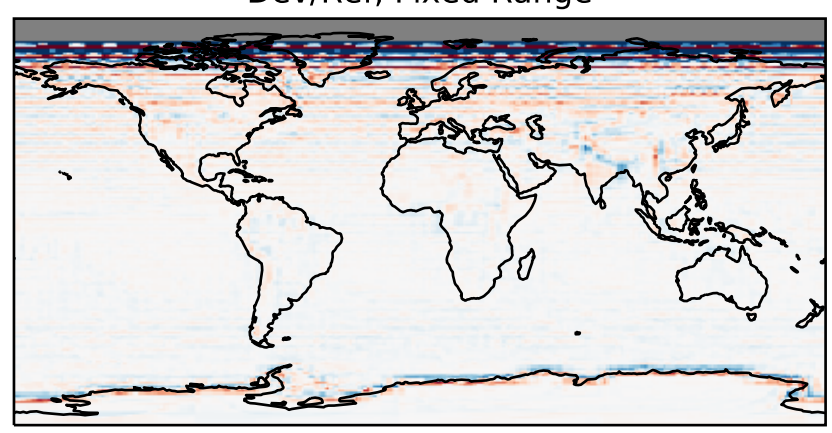


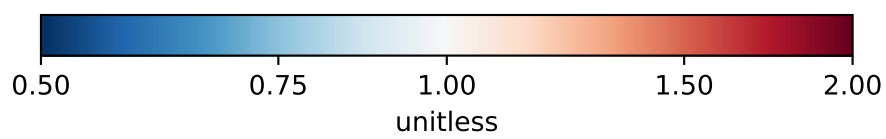
Ratio (1x1.25)
Dev/Ref, Dynamic Range



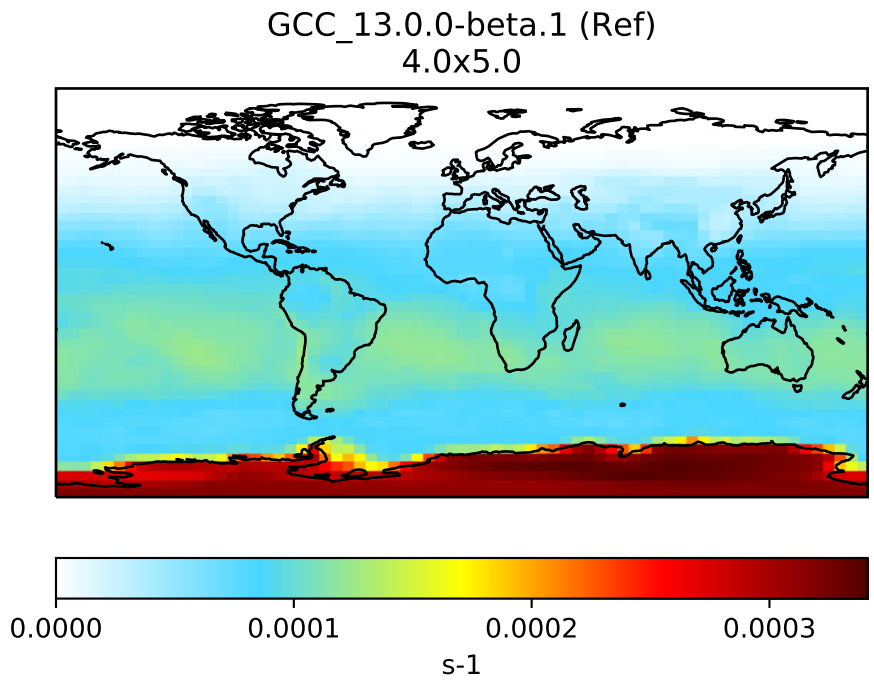


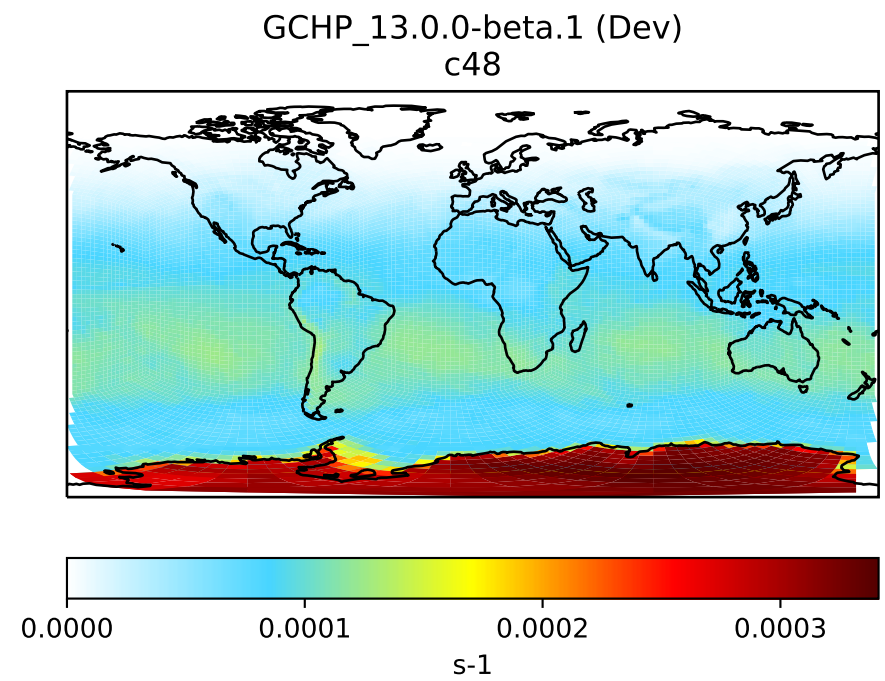
Ratio (1x1.25)
Dev/Ref, Fixed Range

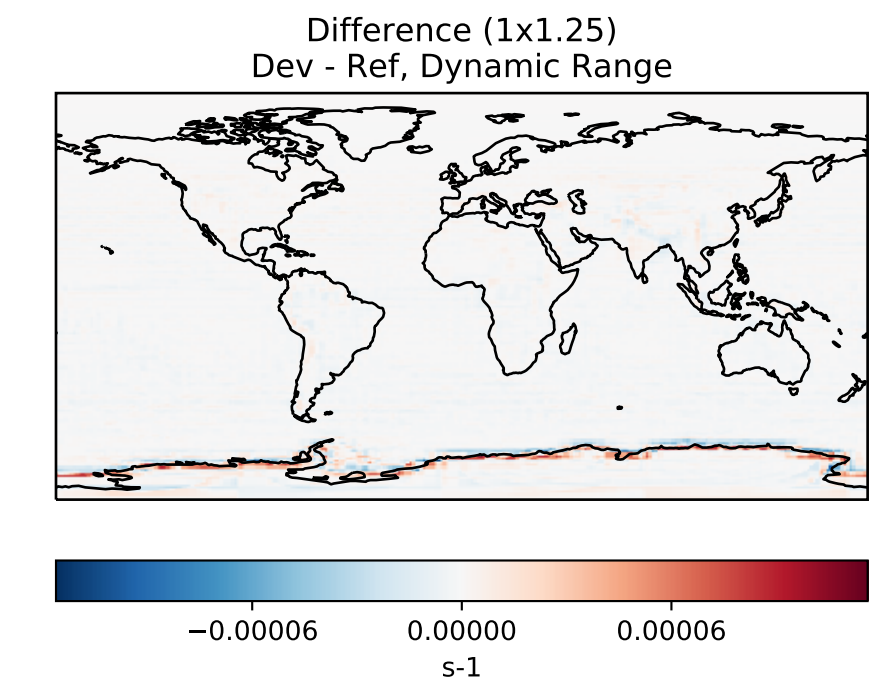


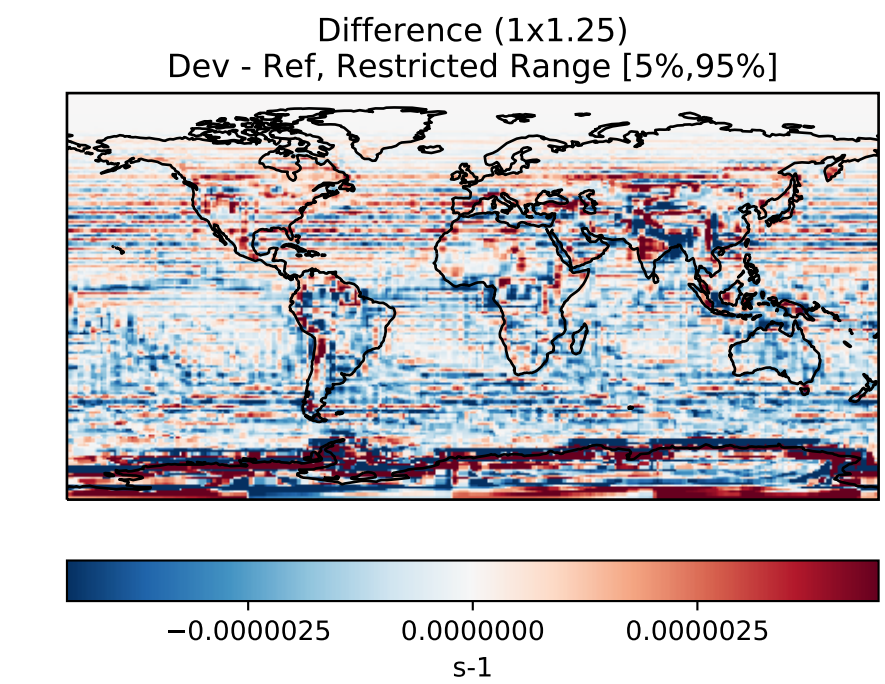


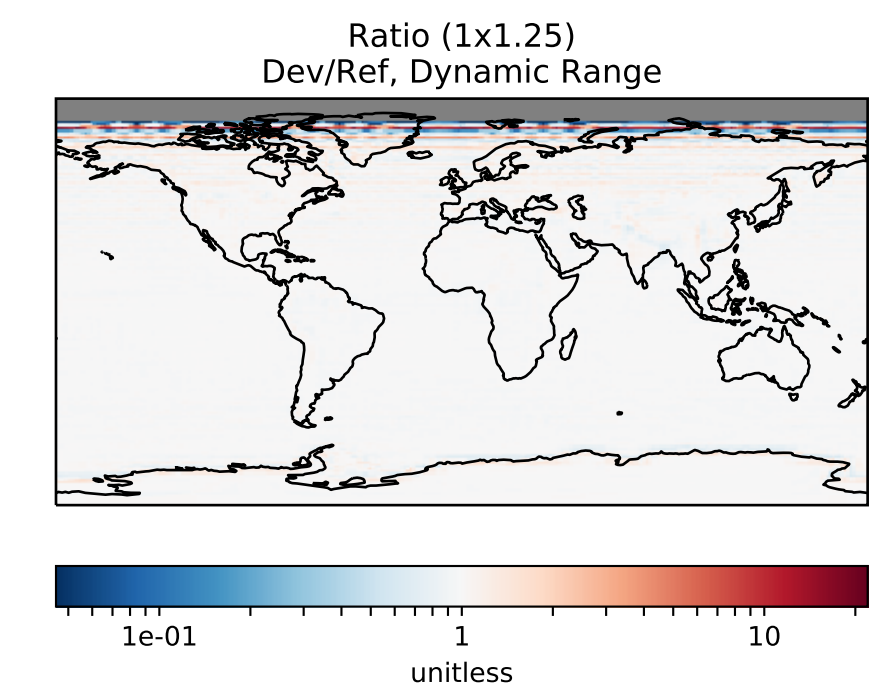
Jval_MCRENOL (Jan2019)

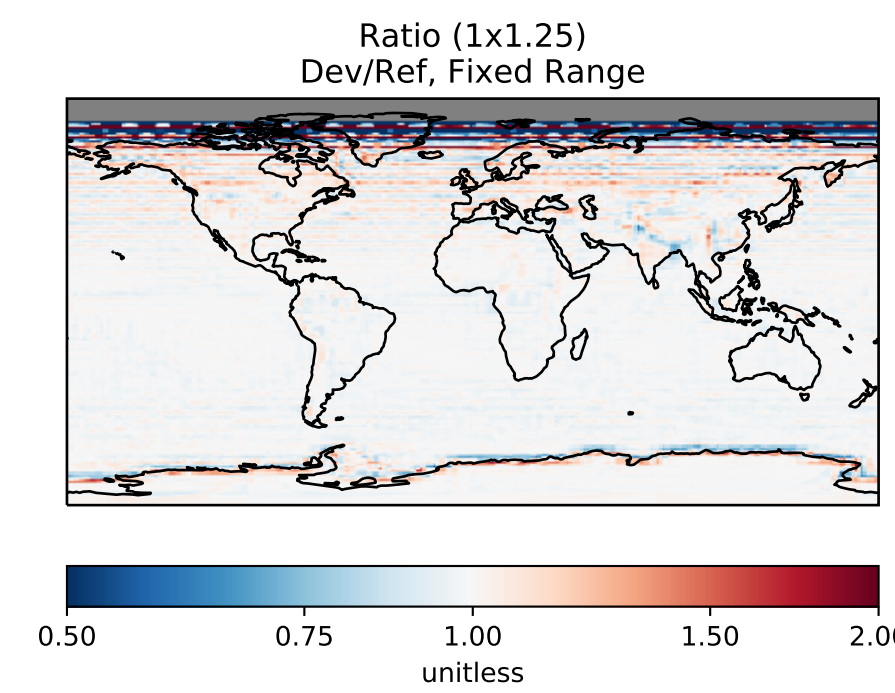




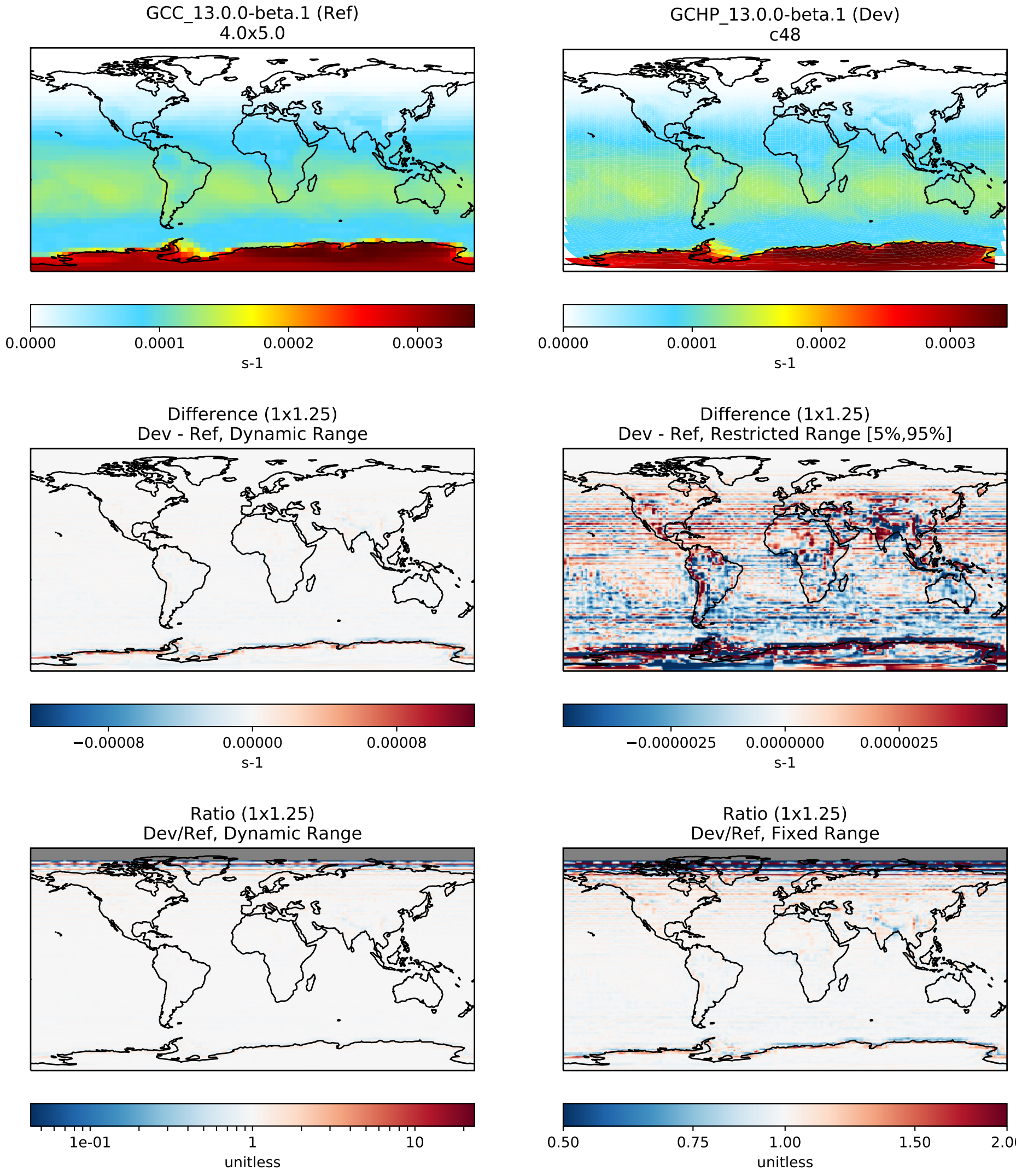




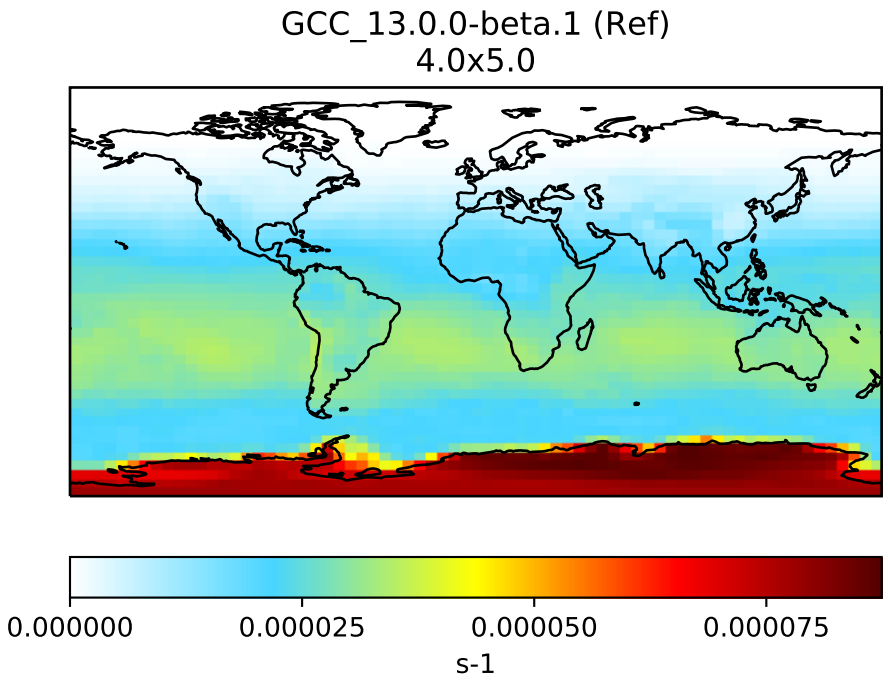


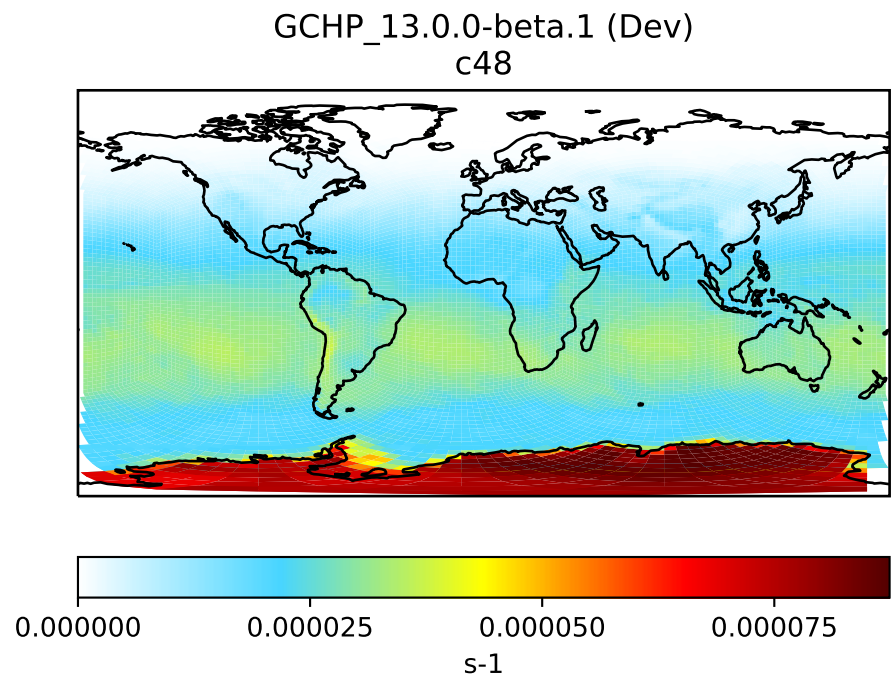


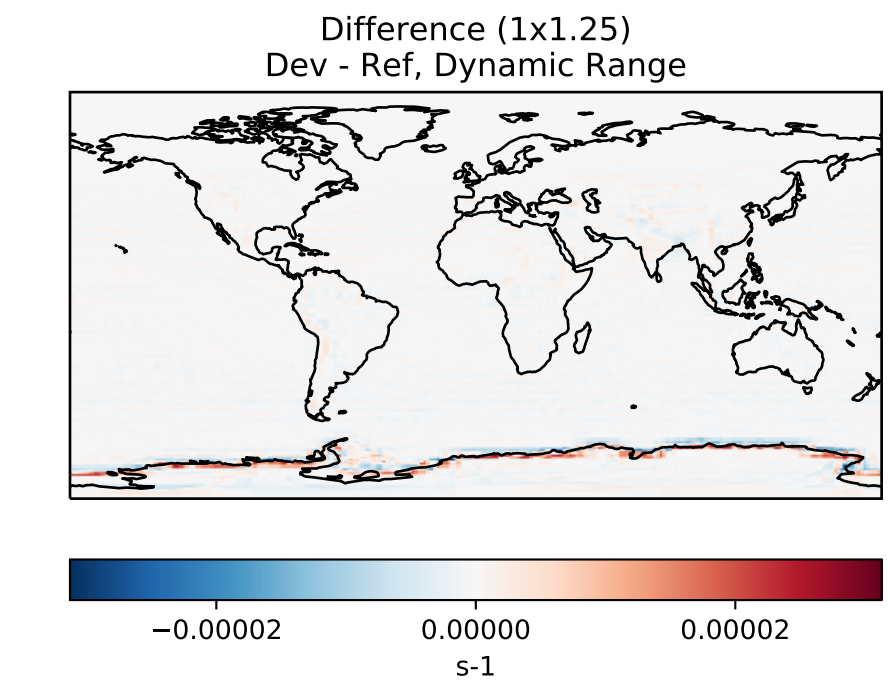
Jval_MCRHN (Jan2019)

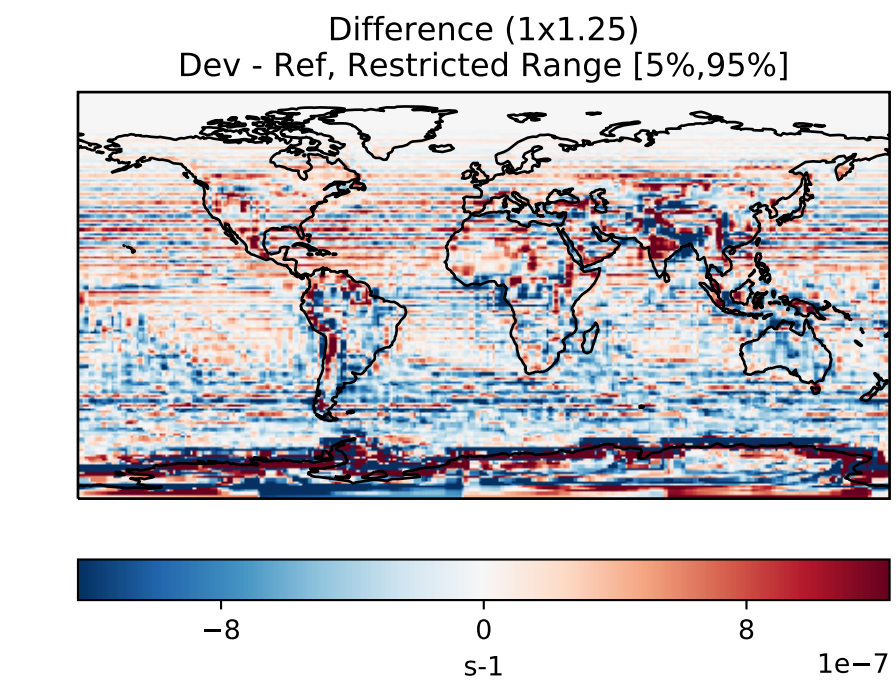


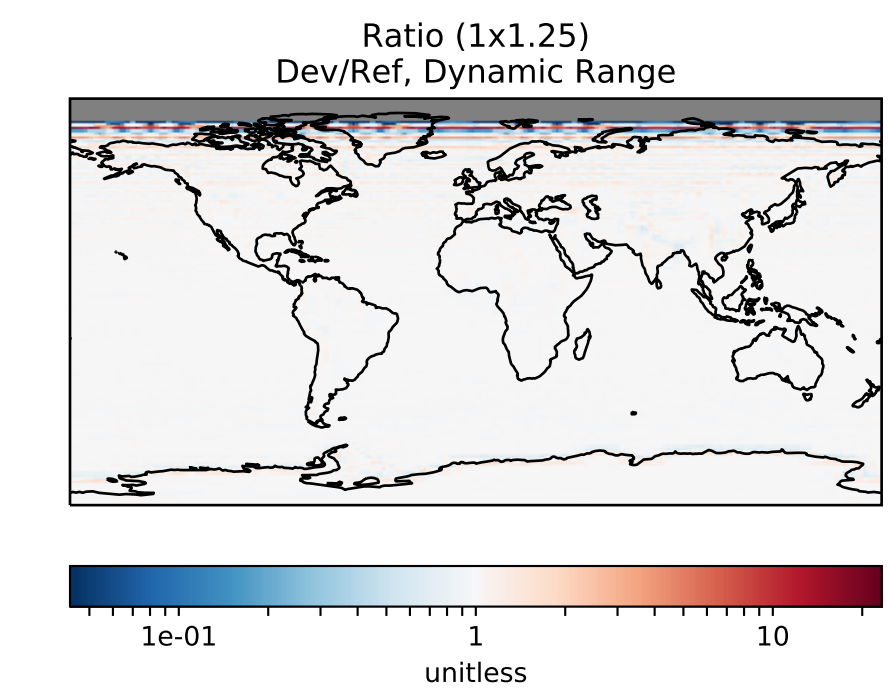
Jval_MCRHNB (Jan2019)

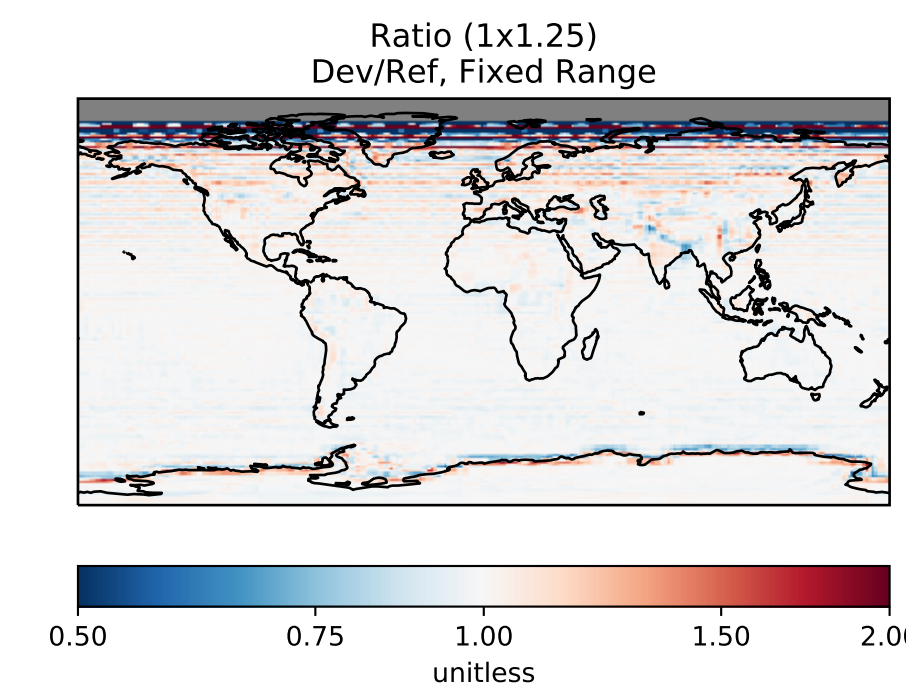




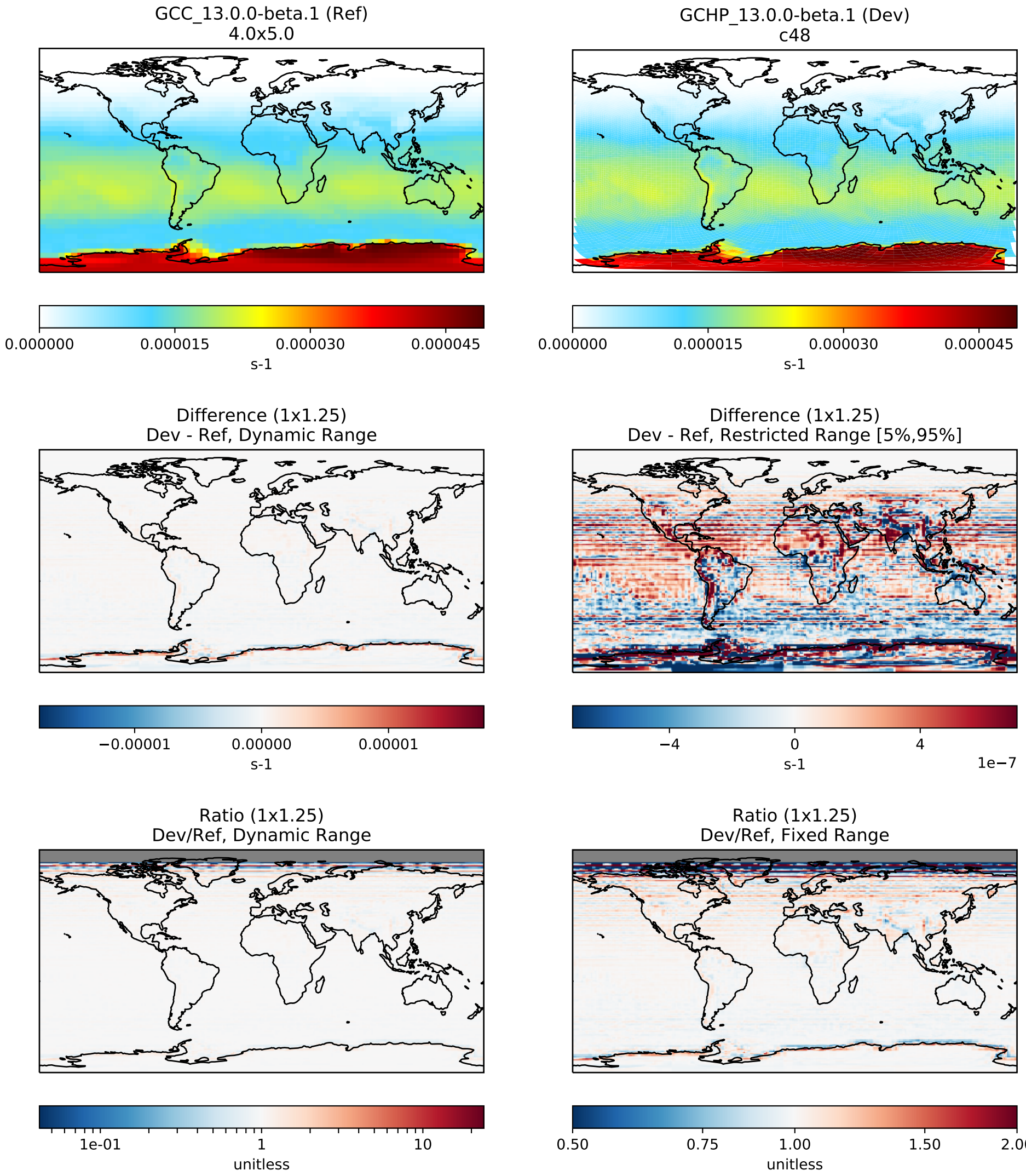




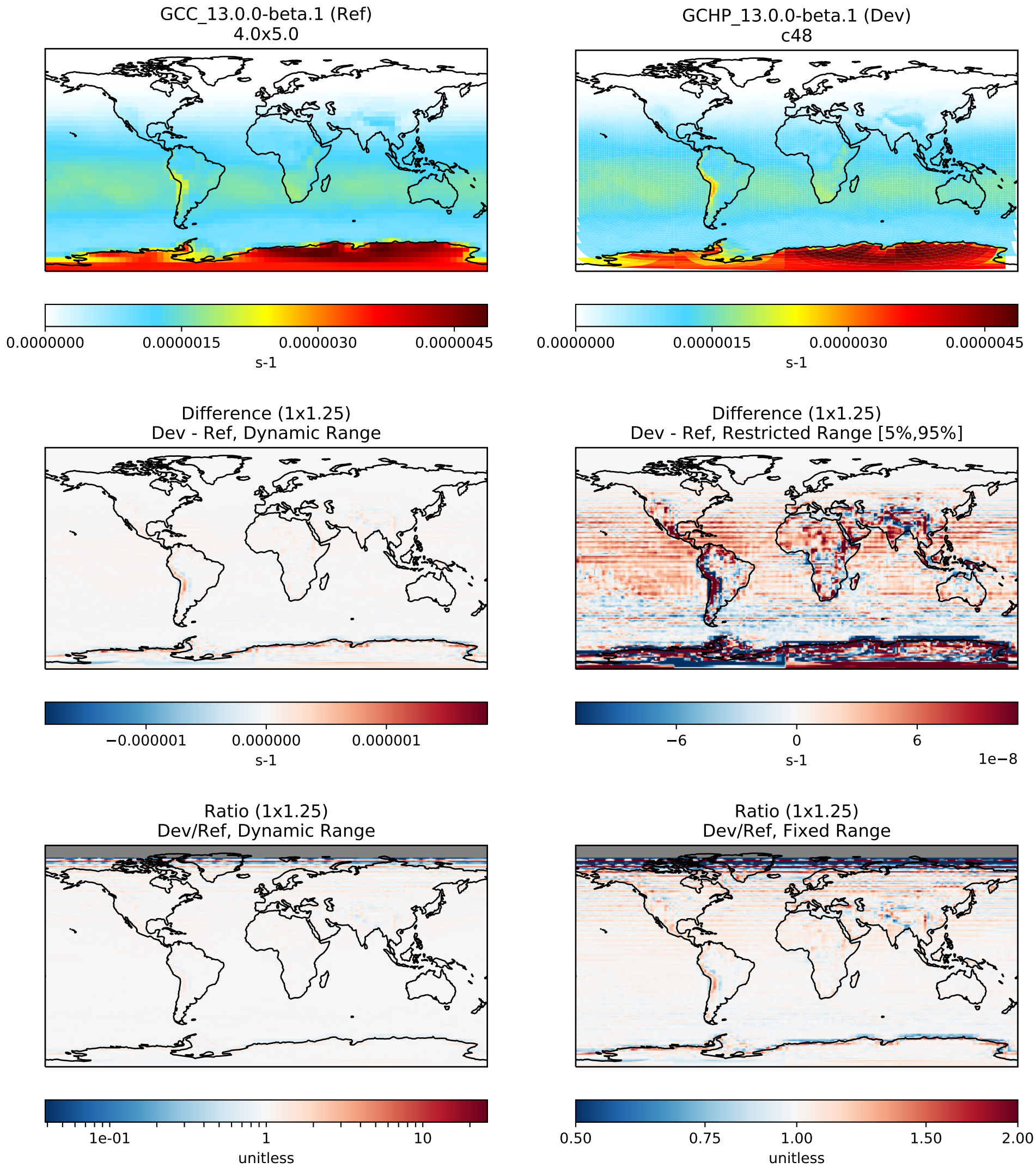




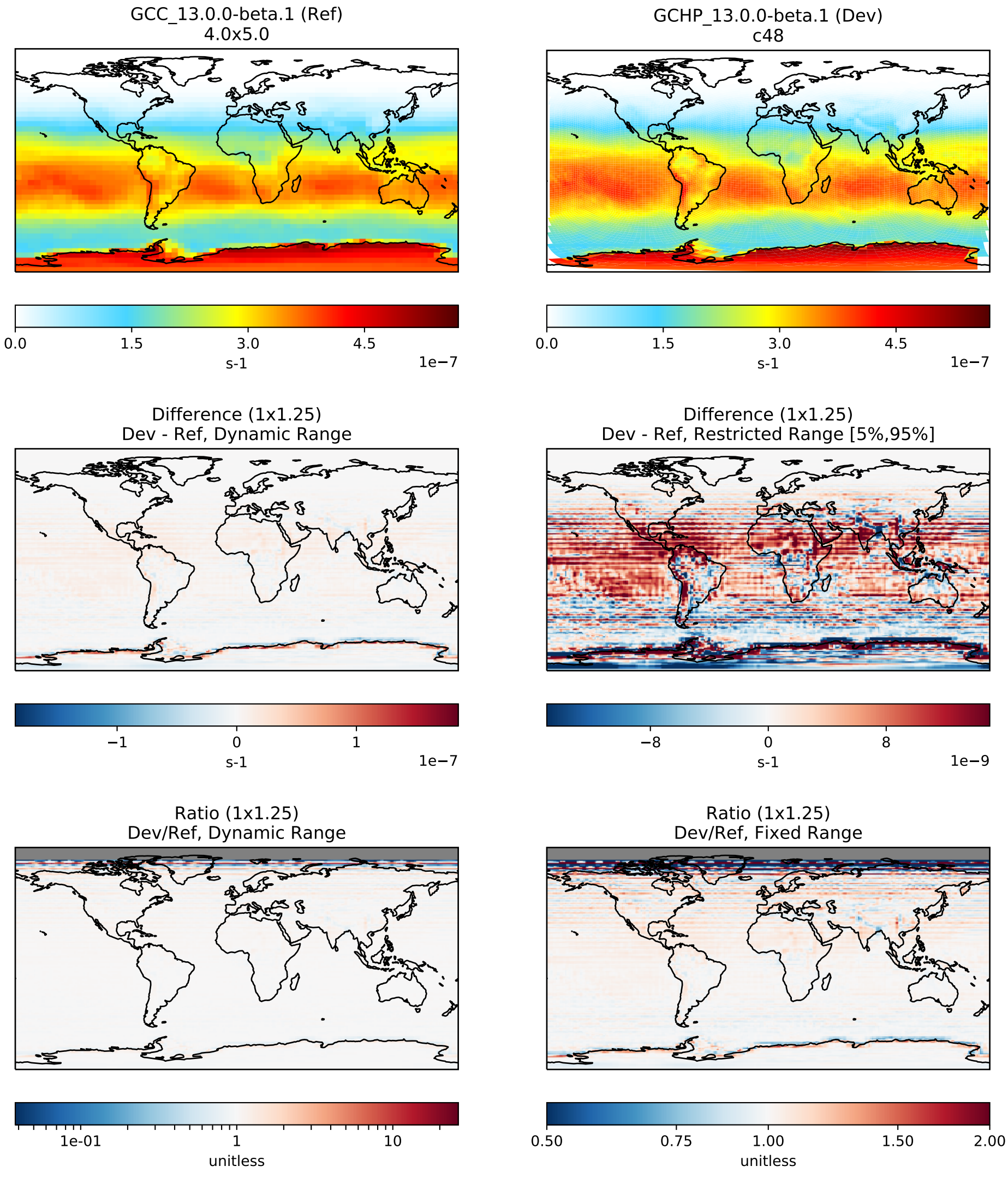
Jval_MCRHP (Jan2019)



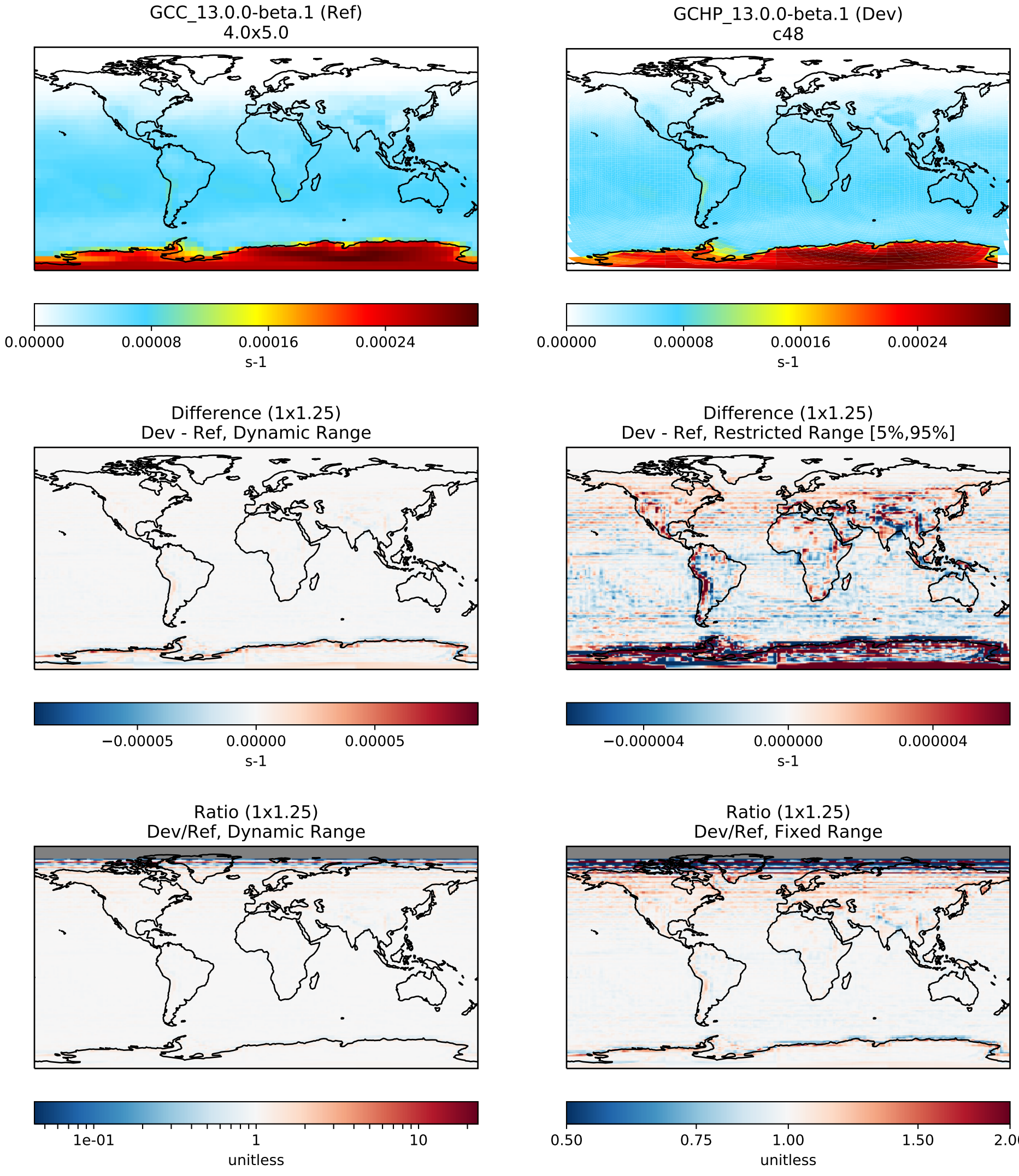
Jval_MEK (Jan2019)



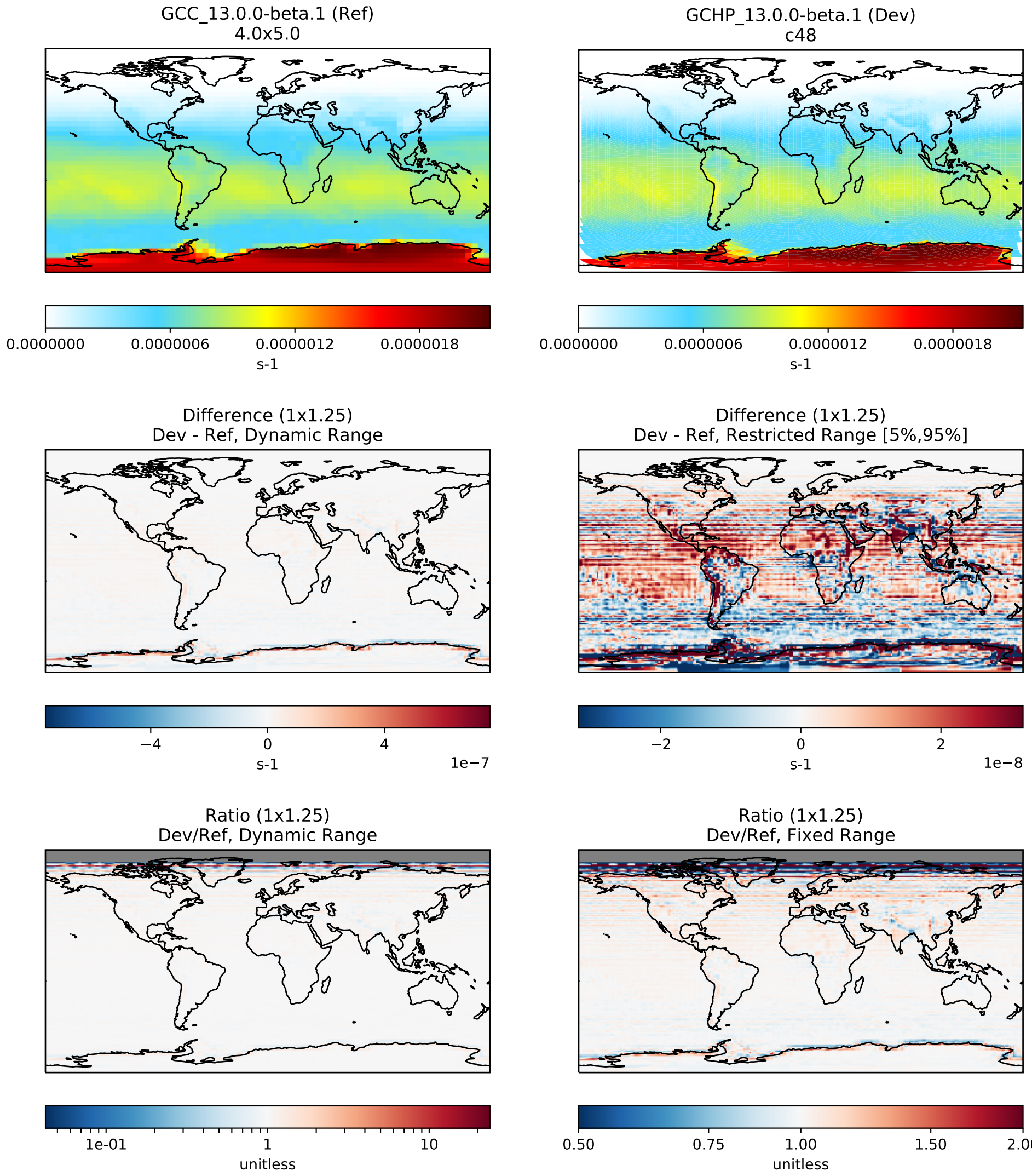
Jval_MENO3 (Jan2019)



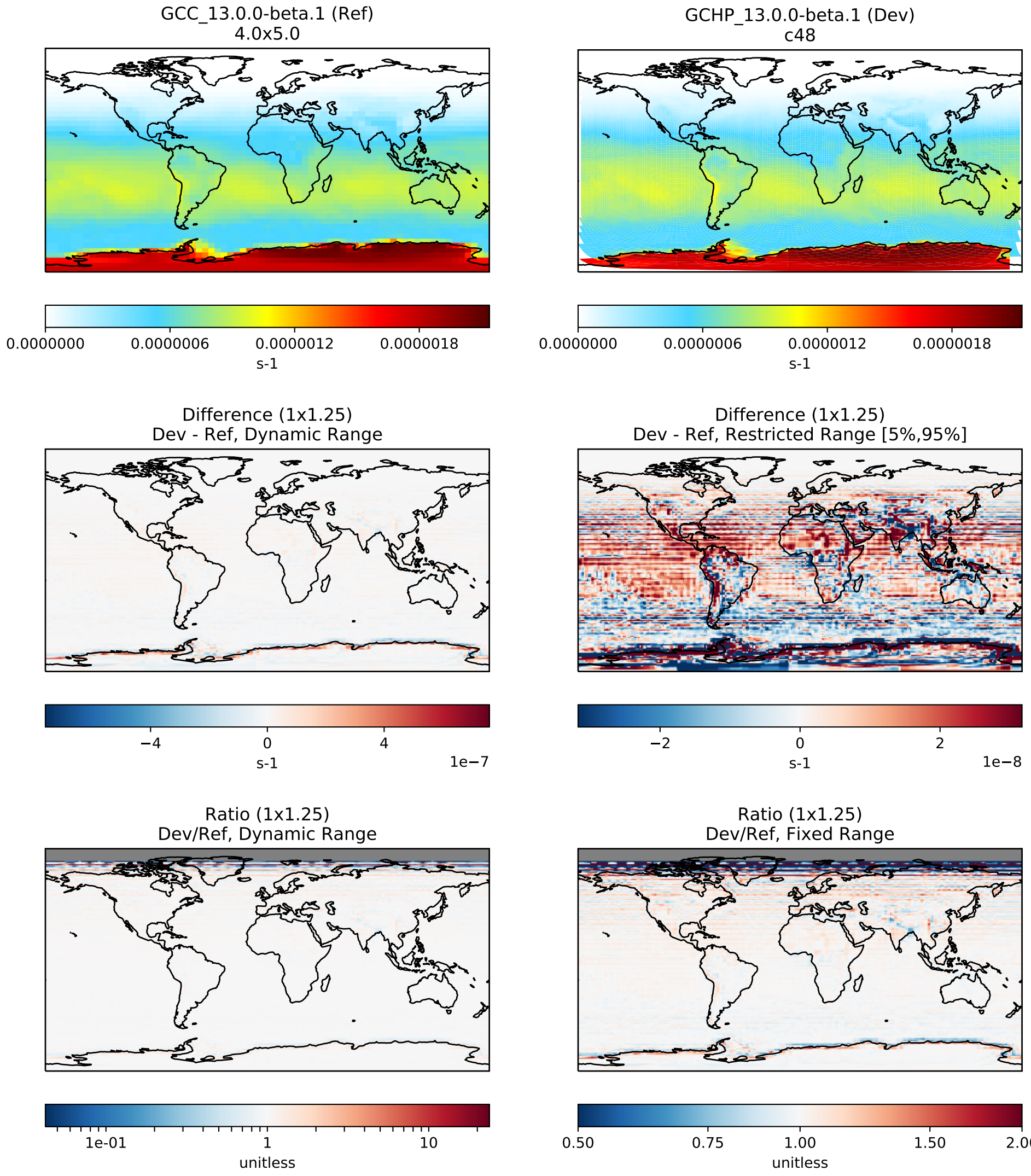
Jval_MGLY (Jan2019)



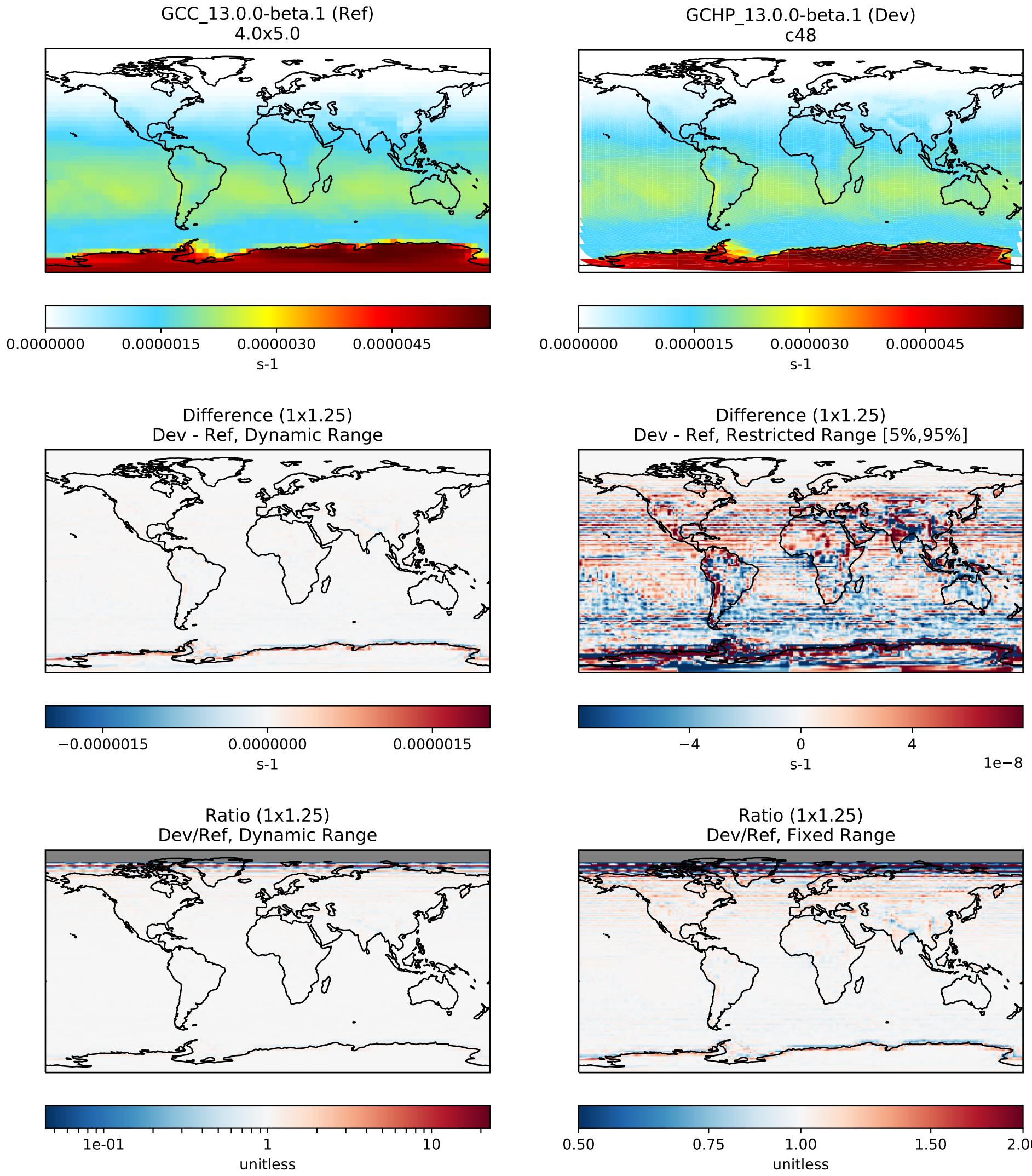
Jval_MONITS (Jan2019)



Jval_MONITU (Jan2019)

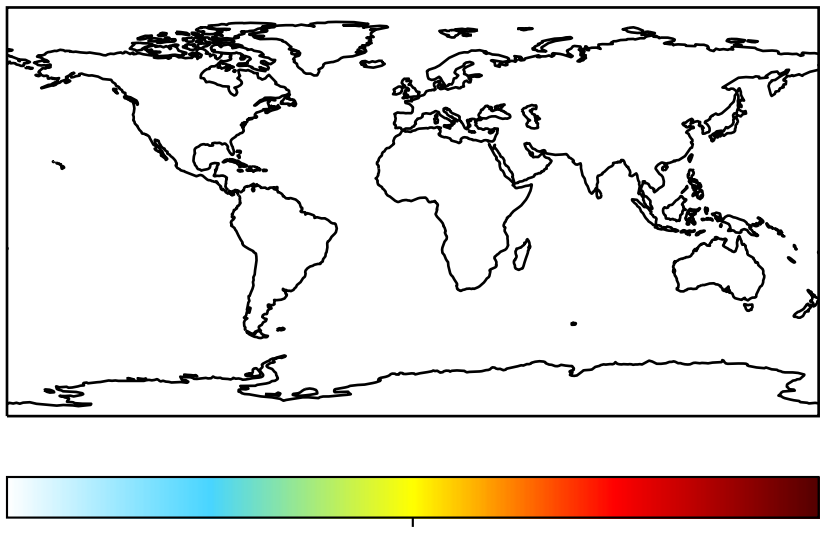


Jval_MP (Jan2019)

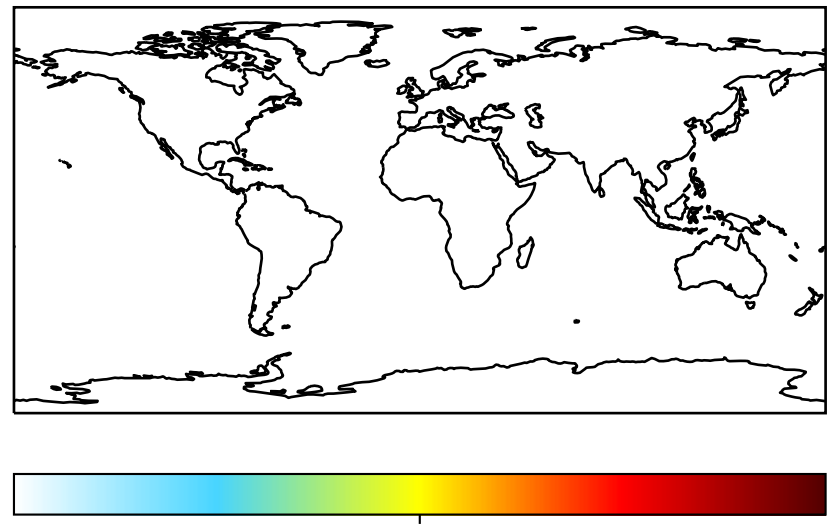


Jval_MPAN (Jan2019)

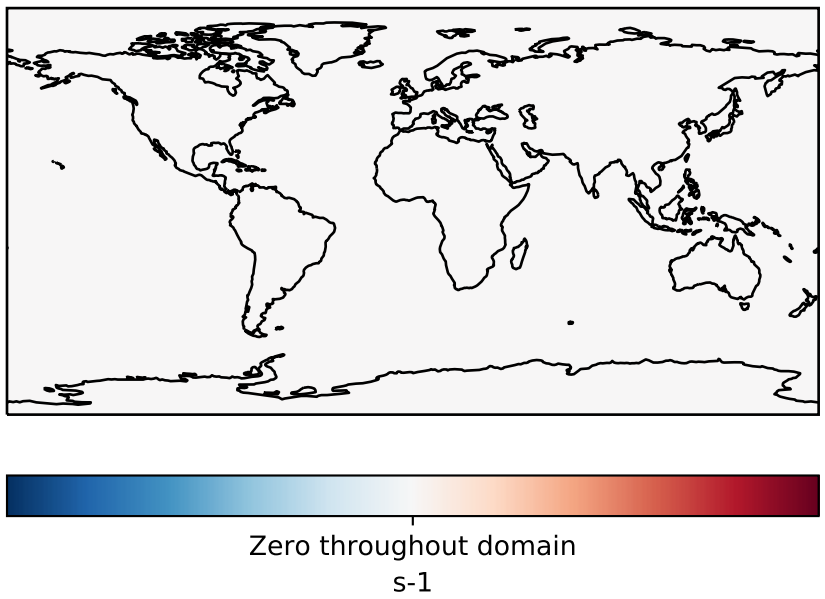
GCC_13.0.0-beta.1 (Ref)
4.0x5.0



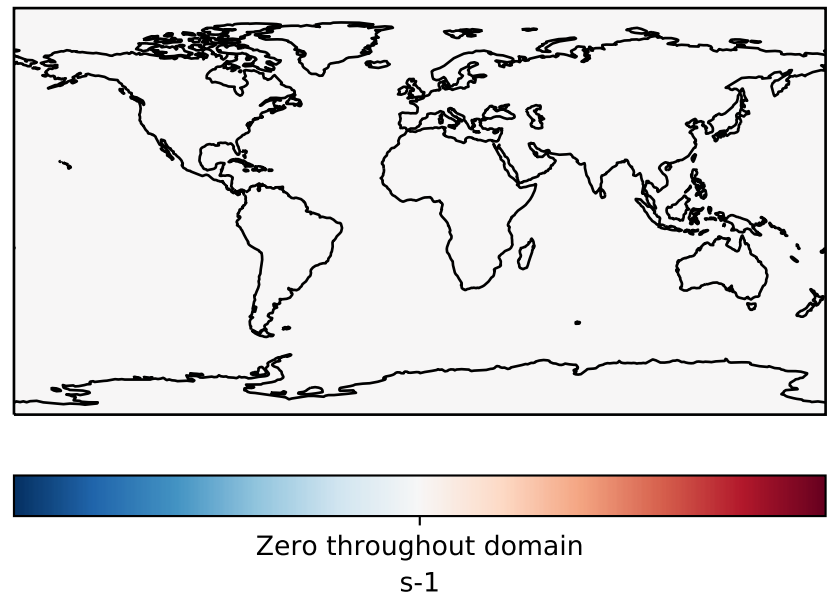
GCHP_13.0.0-beta.1 (Dev)
c48



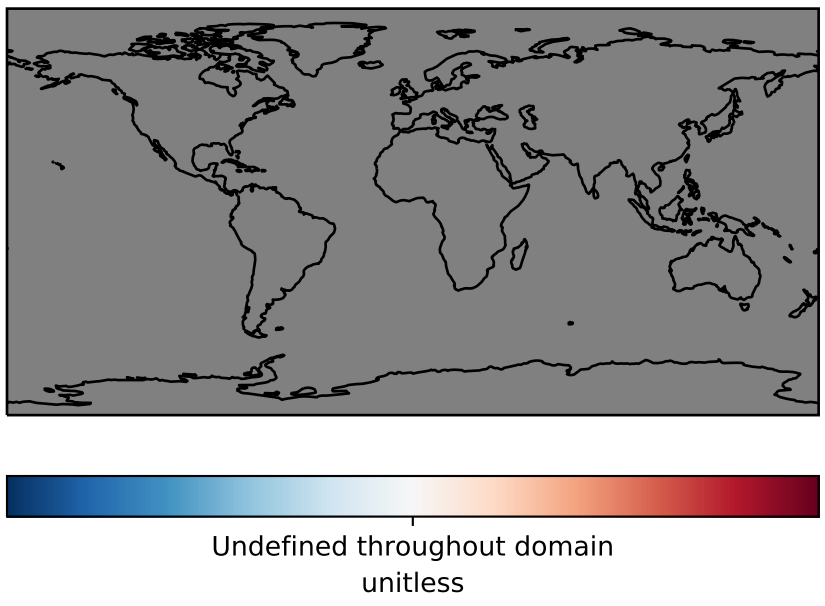
Difference (1x1.25)
Dev - Ref, Dynamic Range



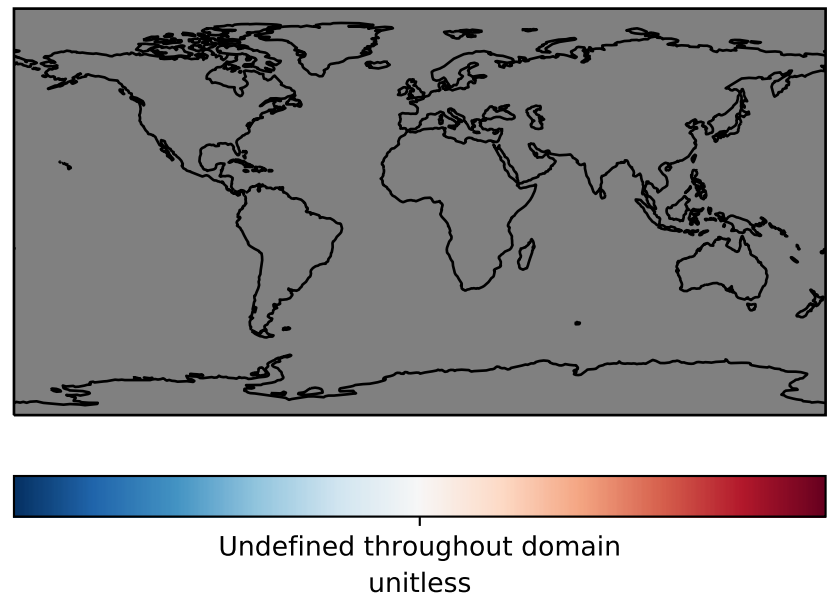
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



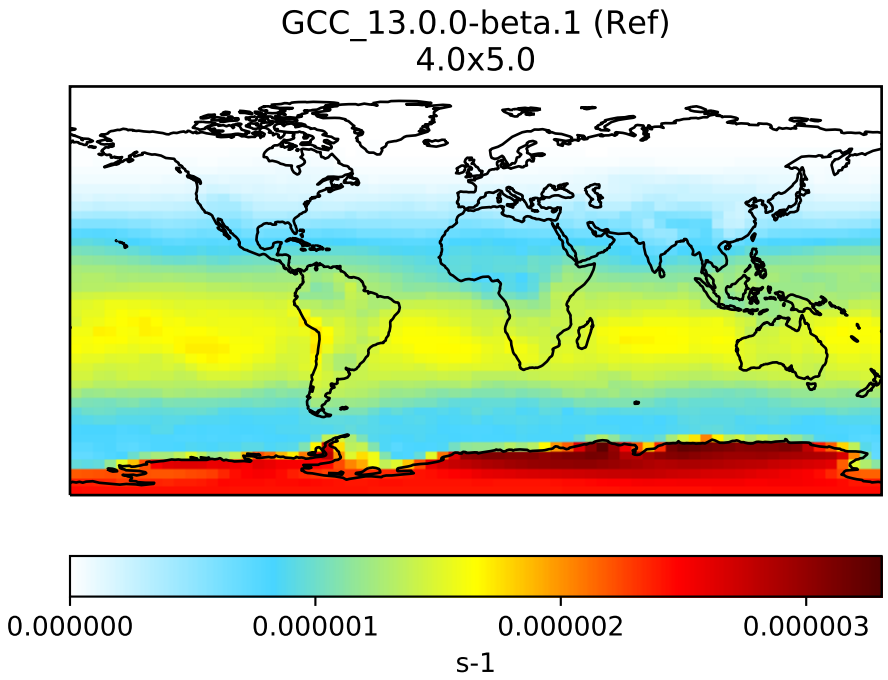
Ratio (1x1.25)
Dev/Ref, Dynamic Range

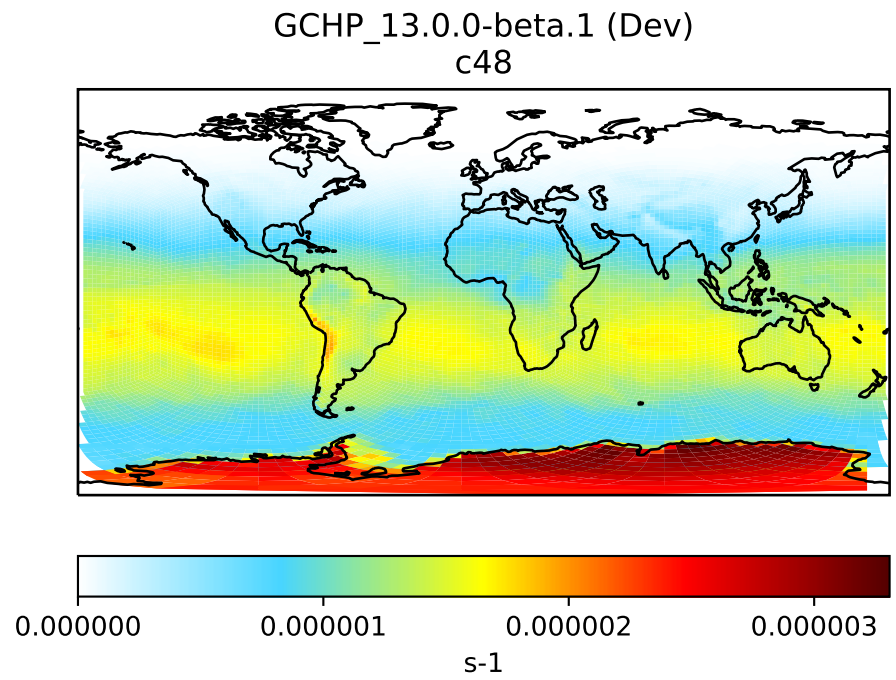


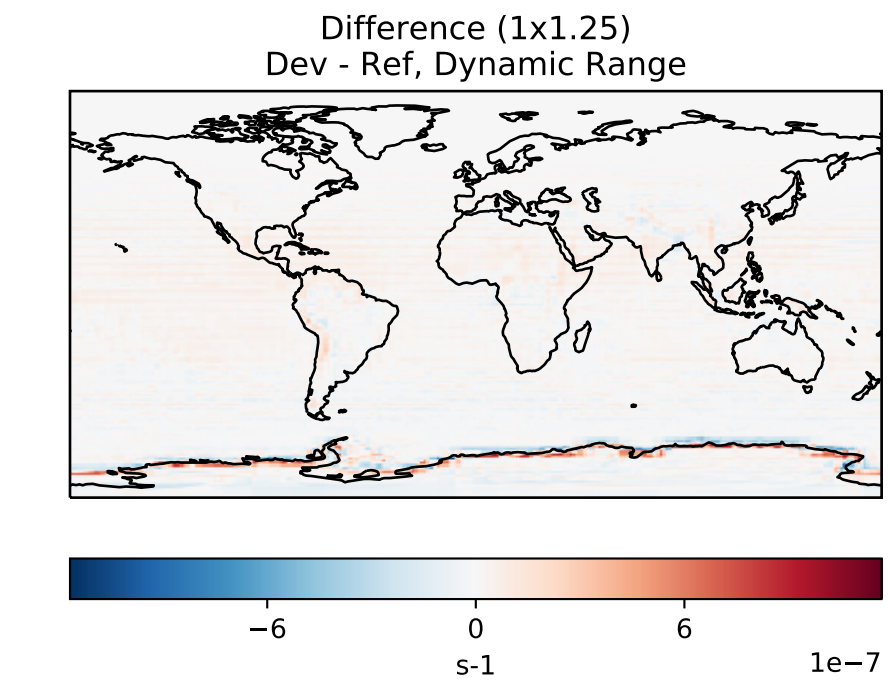
Ratio (1x1.25)
Dev/Ref, Fixed Range

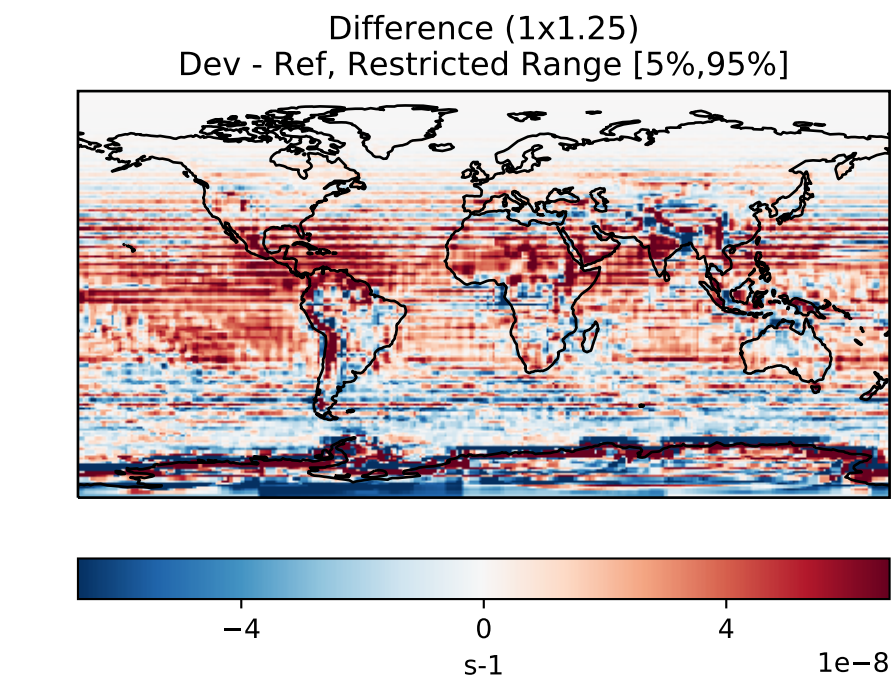


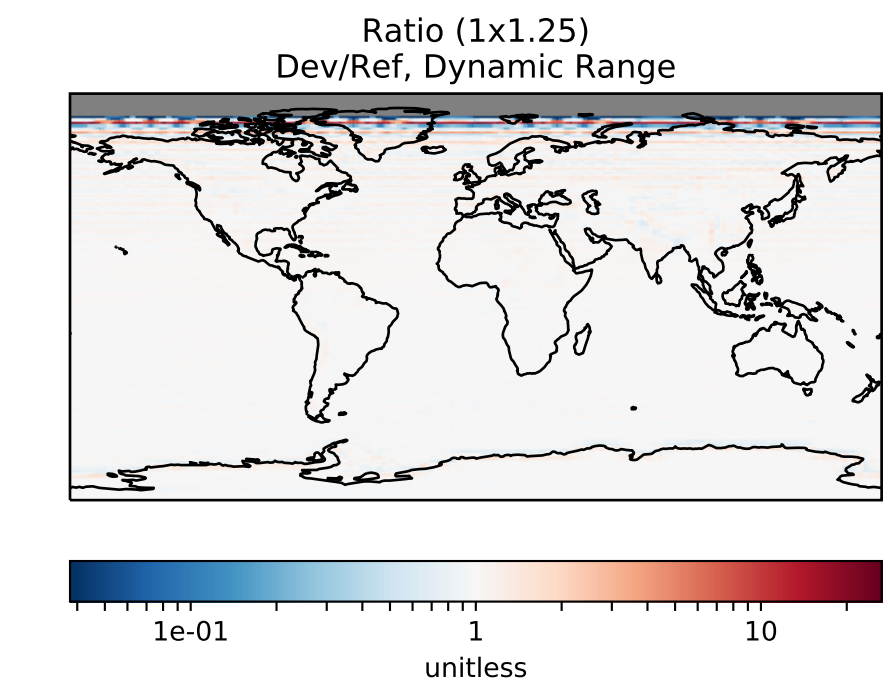
Jval_MPN (Jan2019)

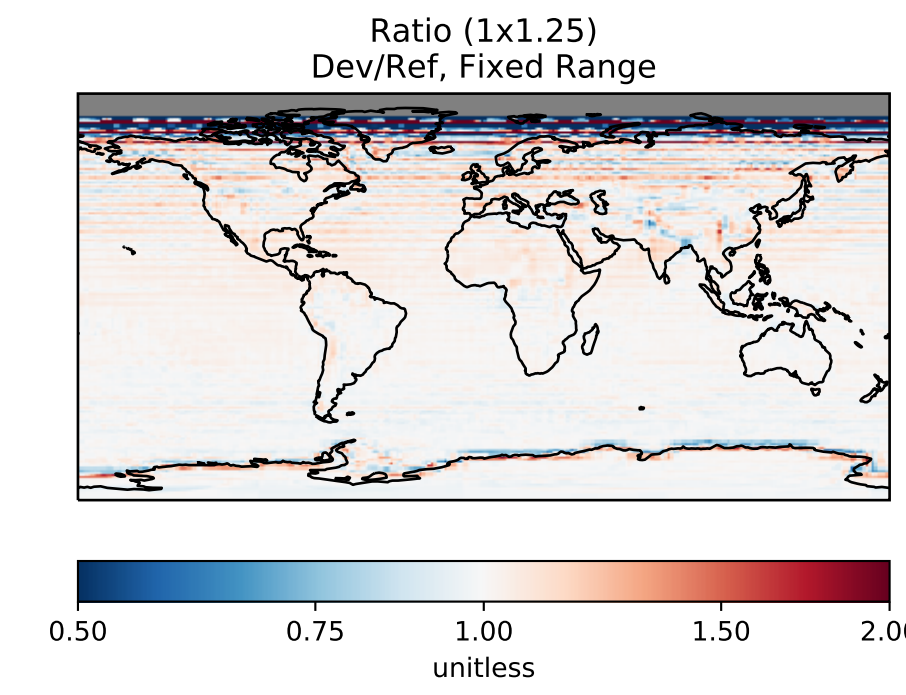




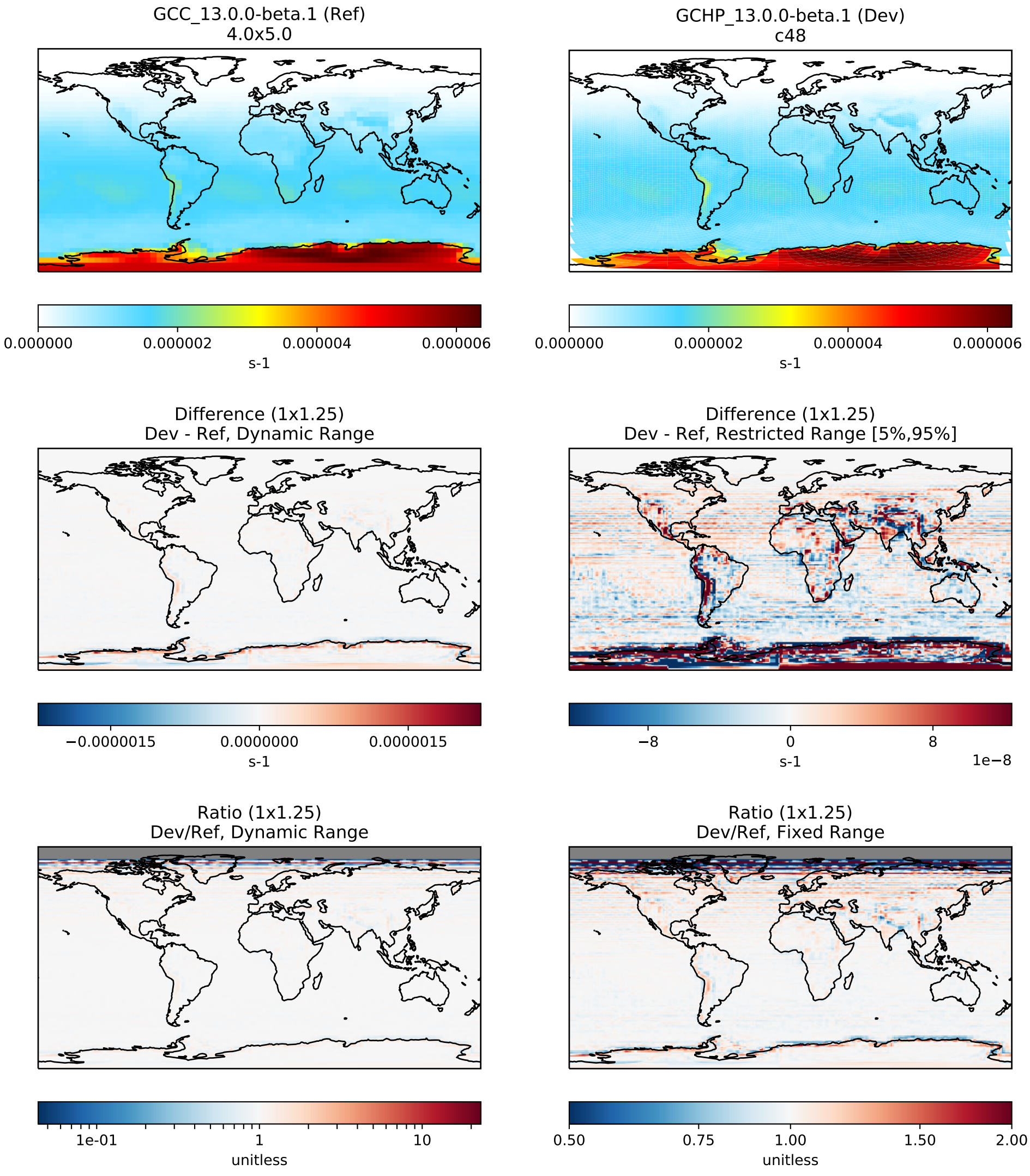




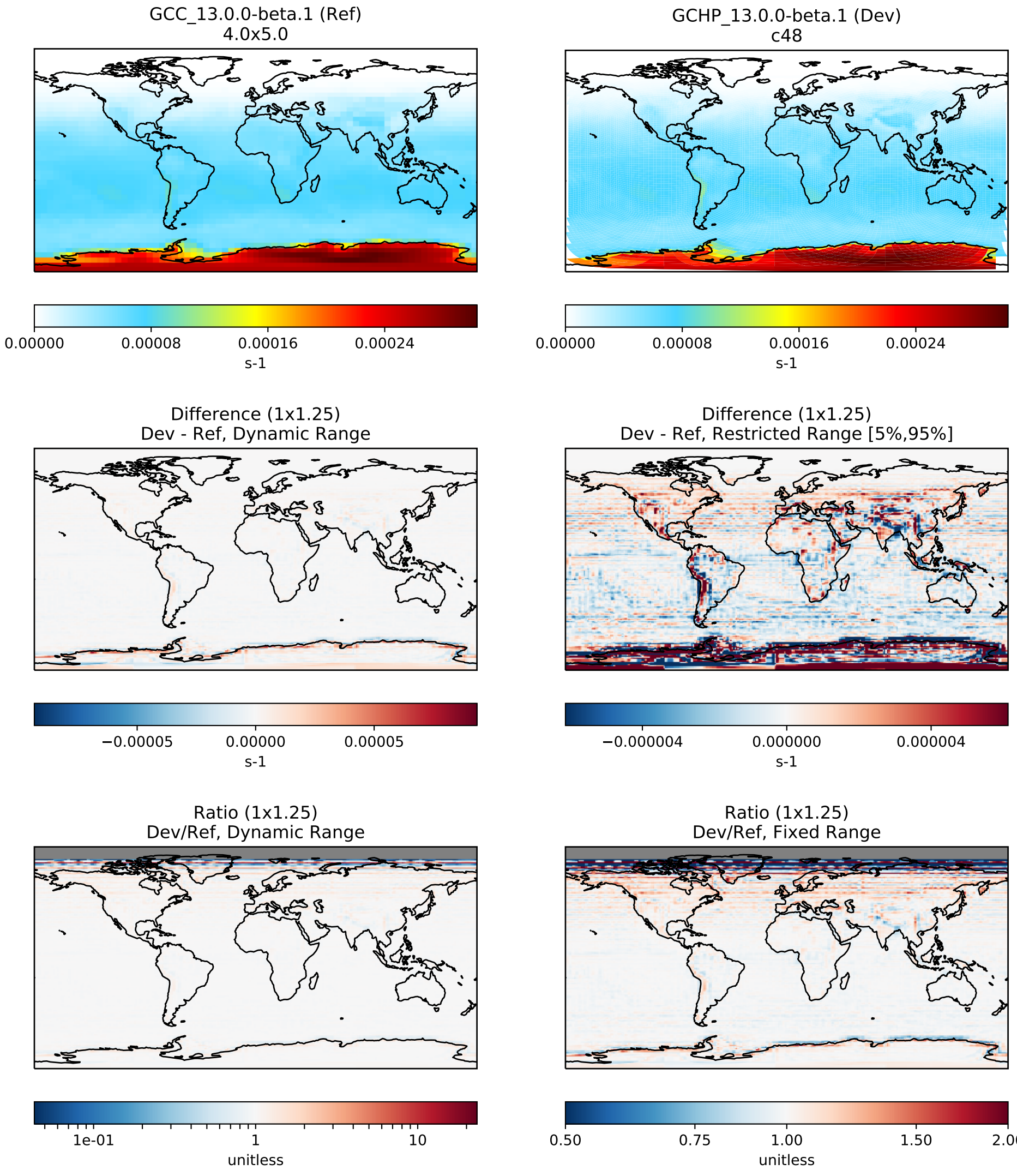




Jval_MVK (Jan2019)



Jval_MVKHC (Jan2019)



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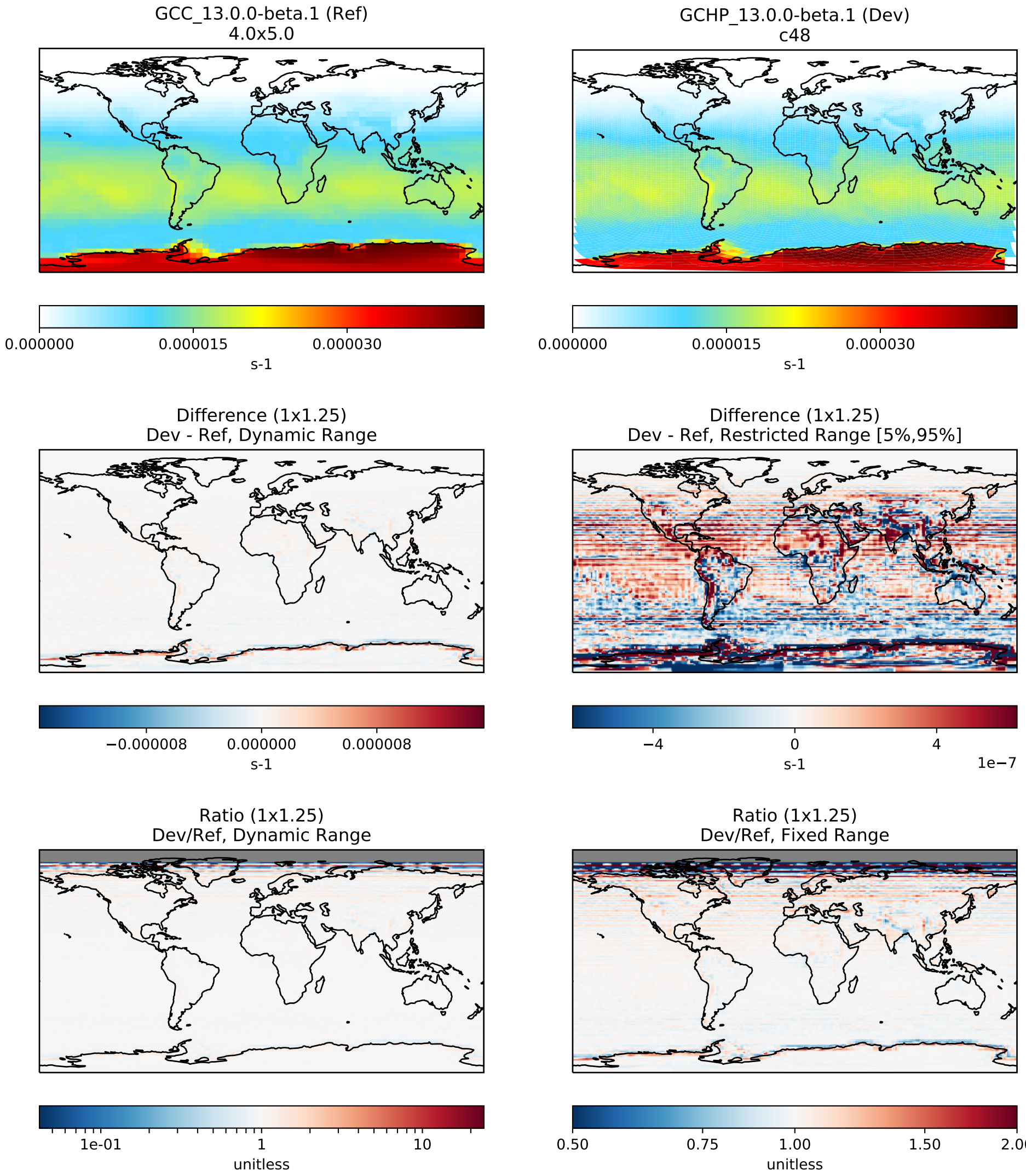
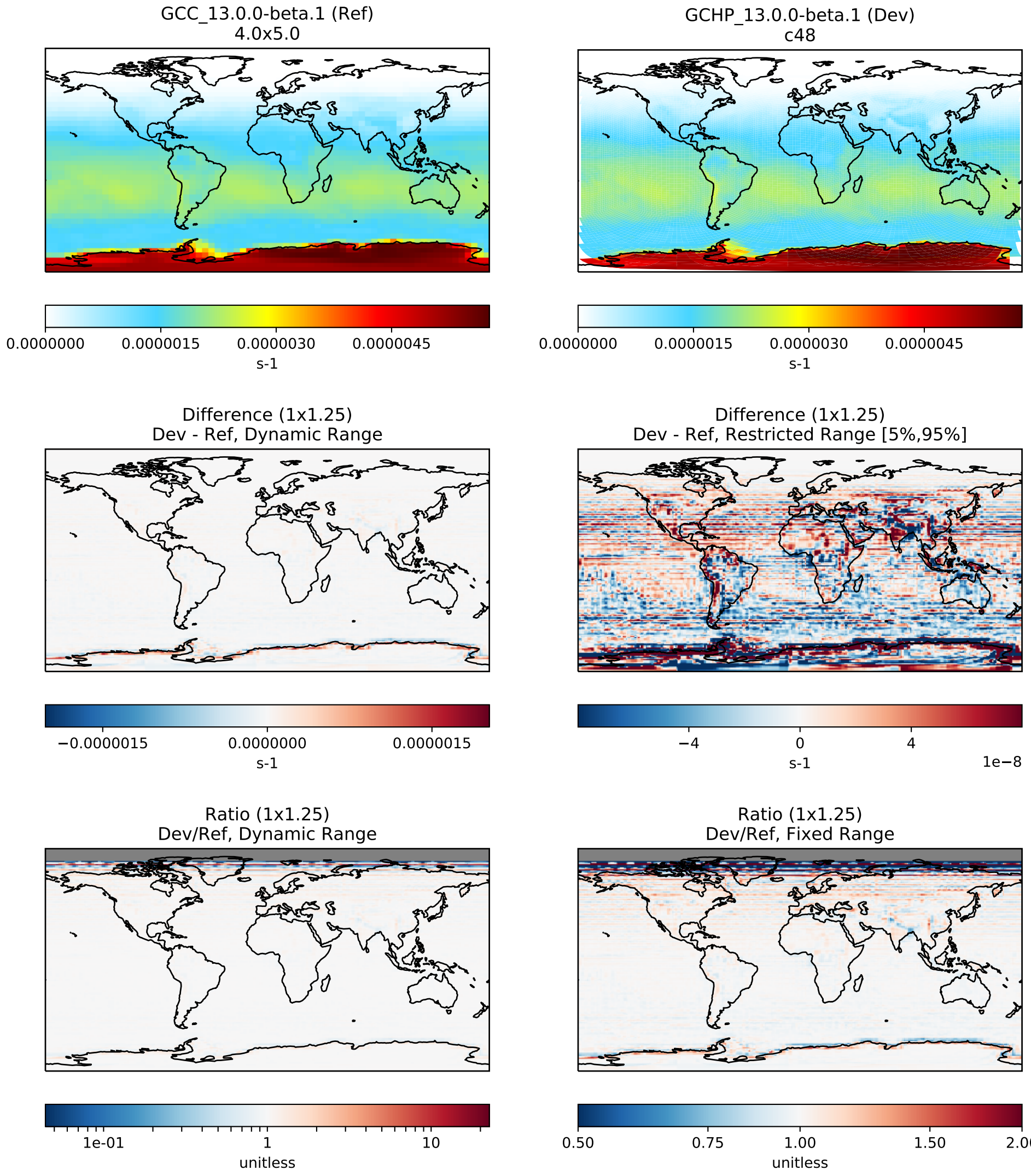


Jval_MVKHP (Jan2019)



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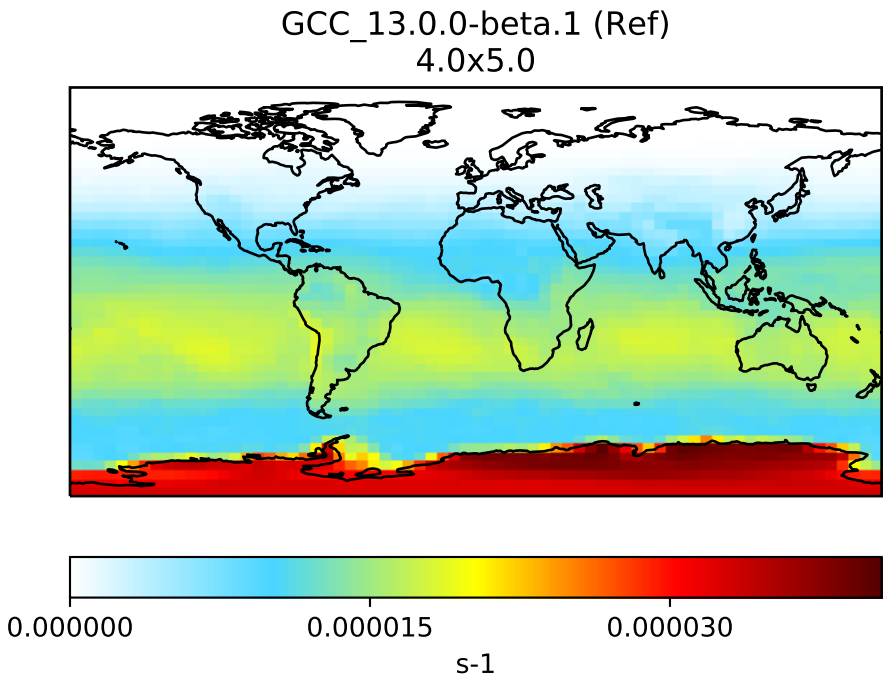

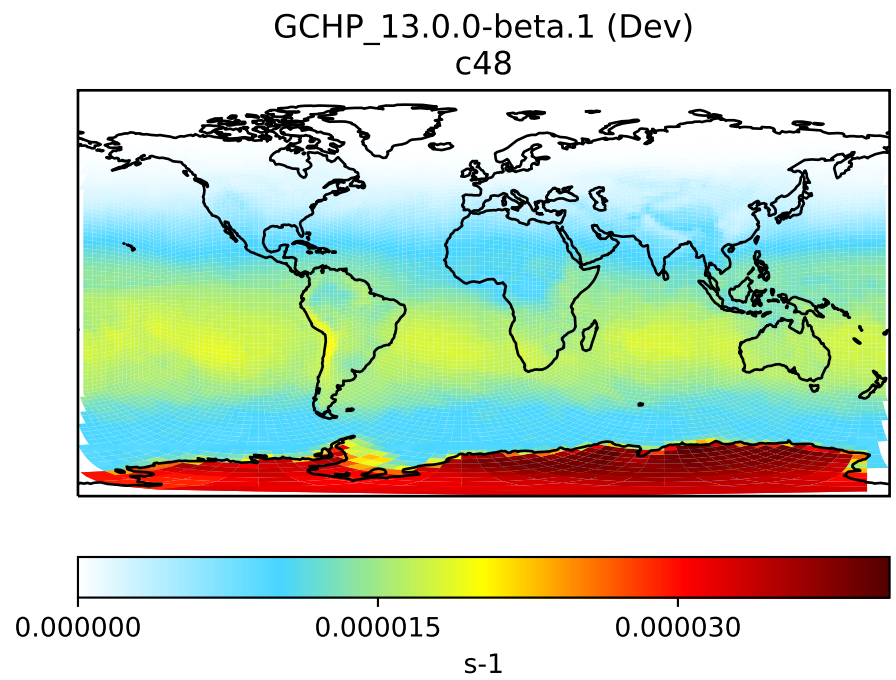

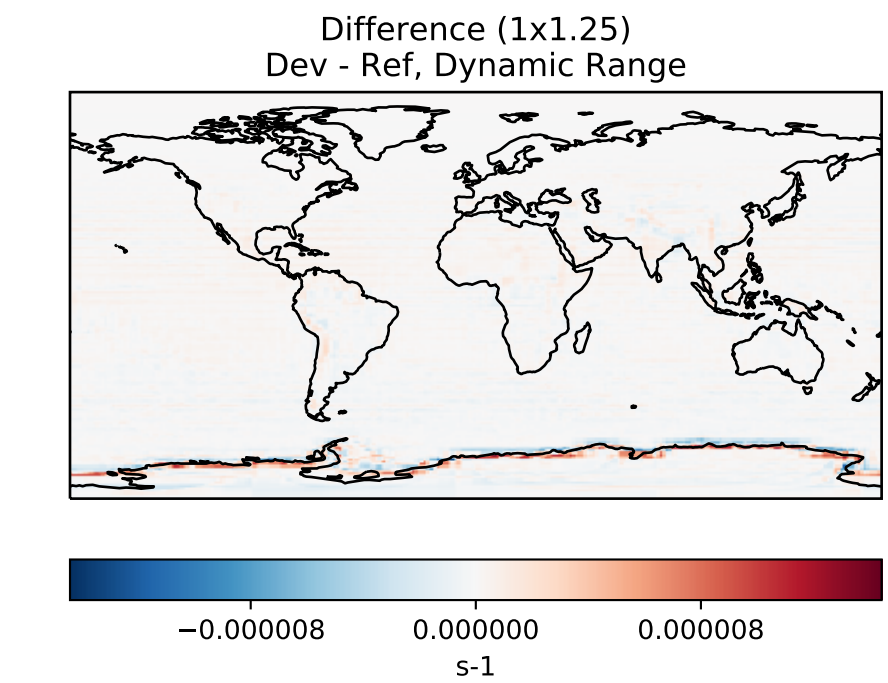

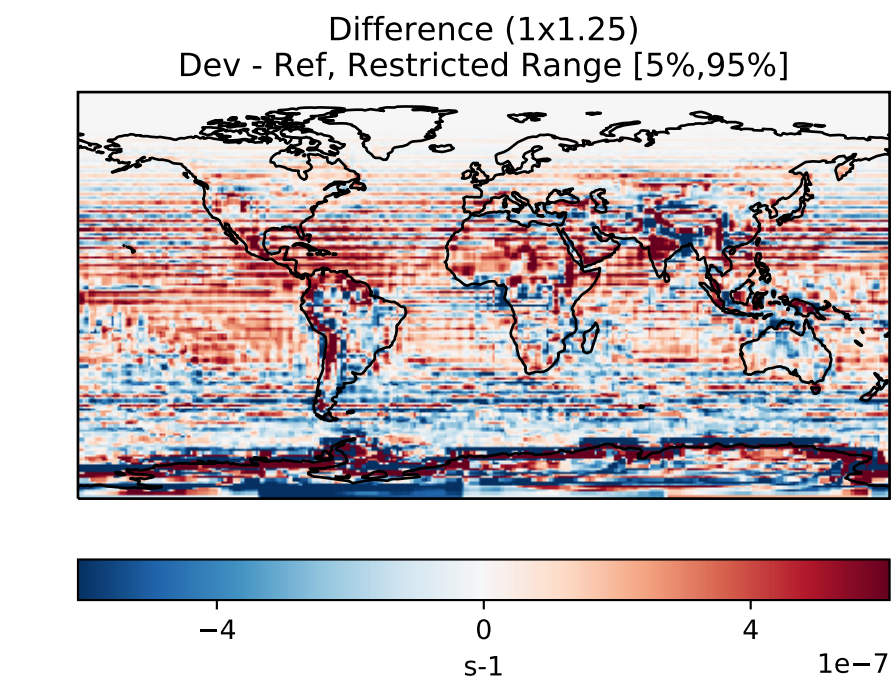

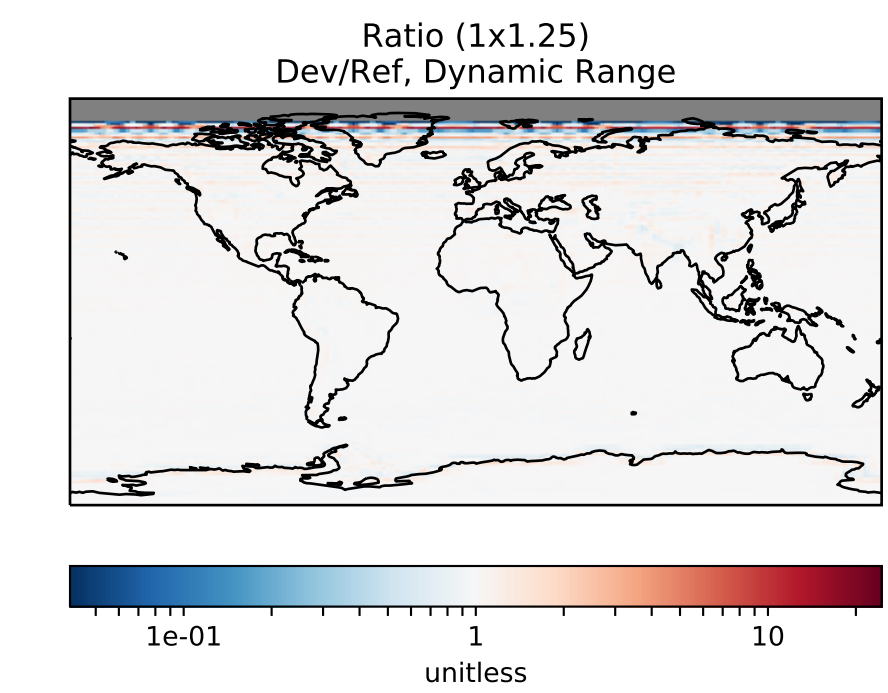

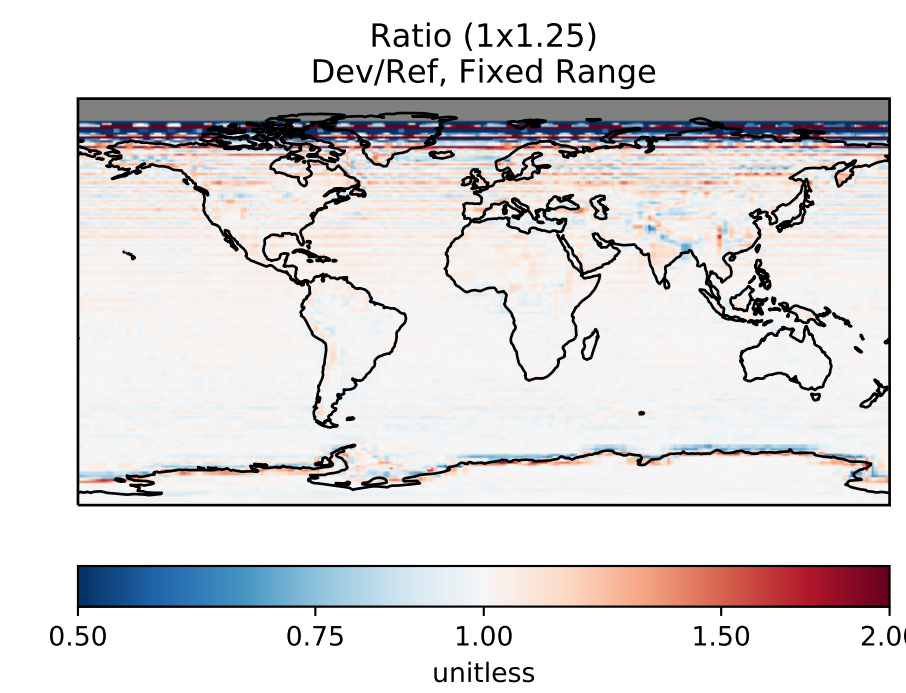

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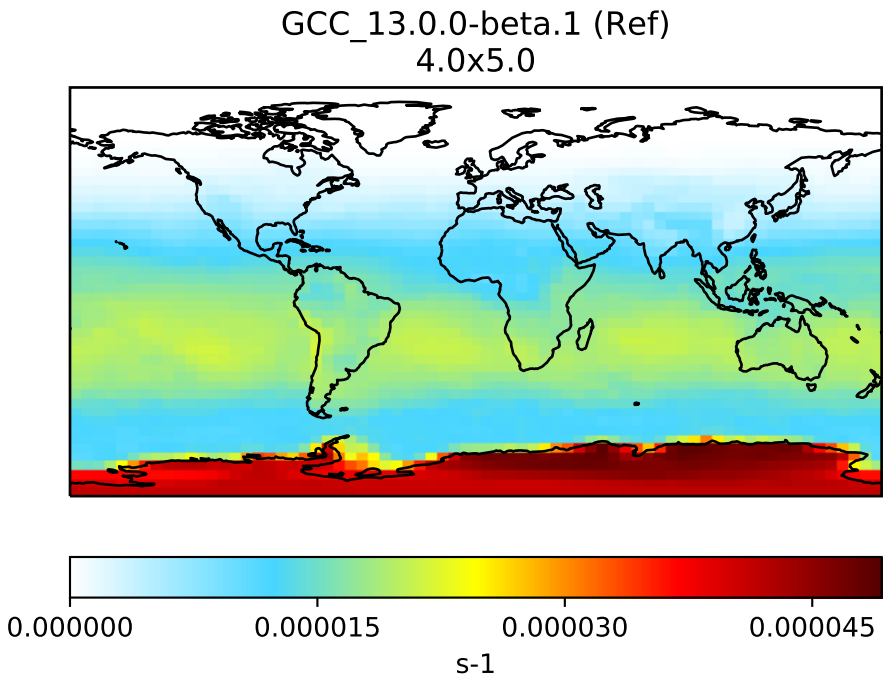
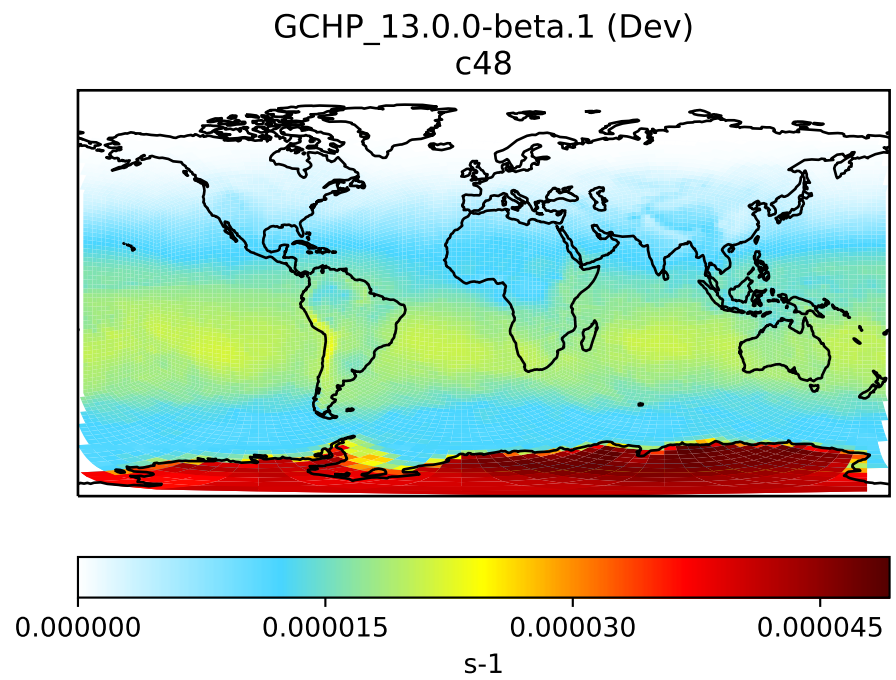
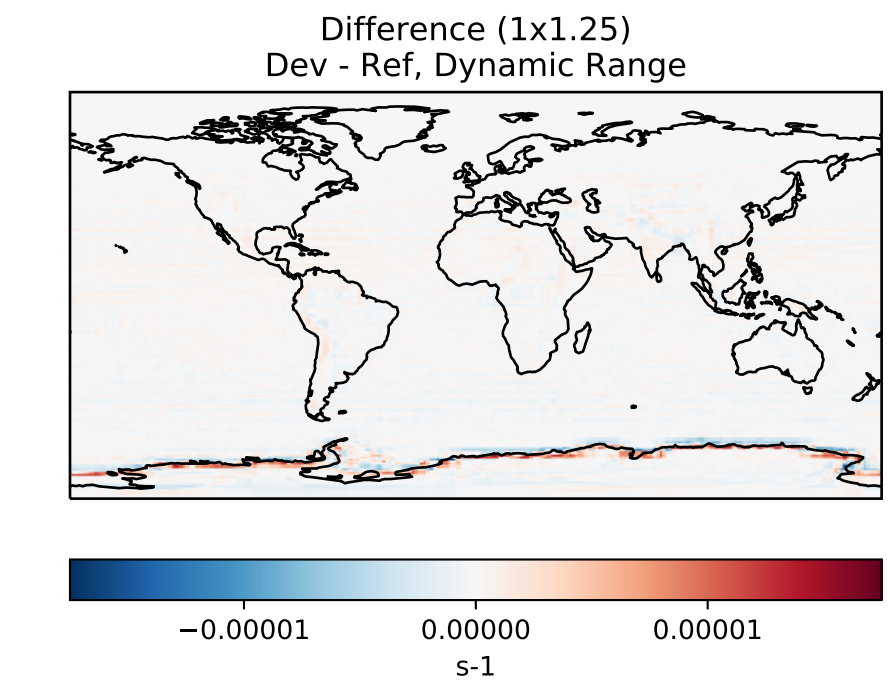
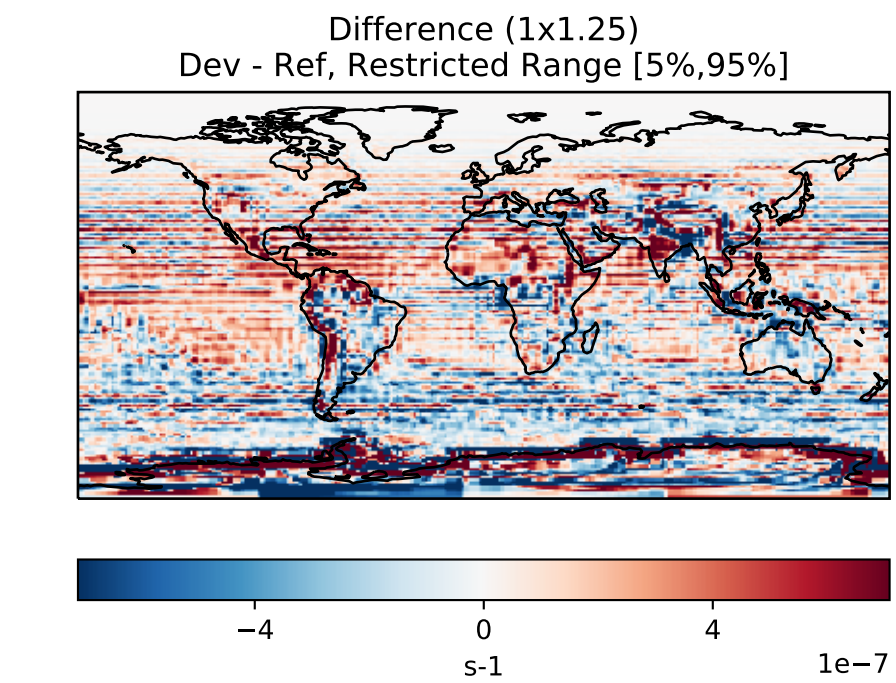
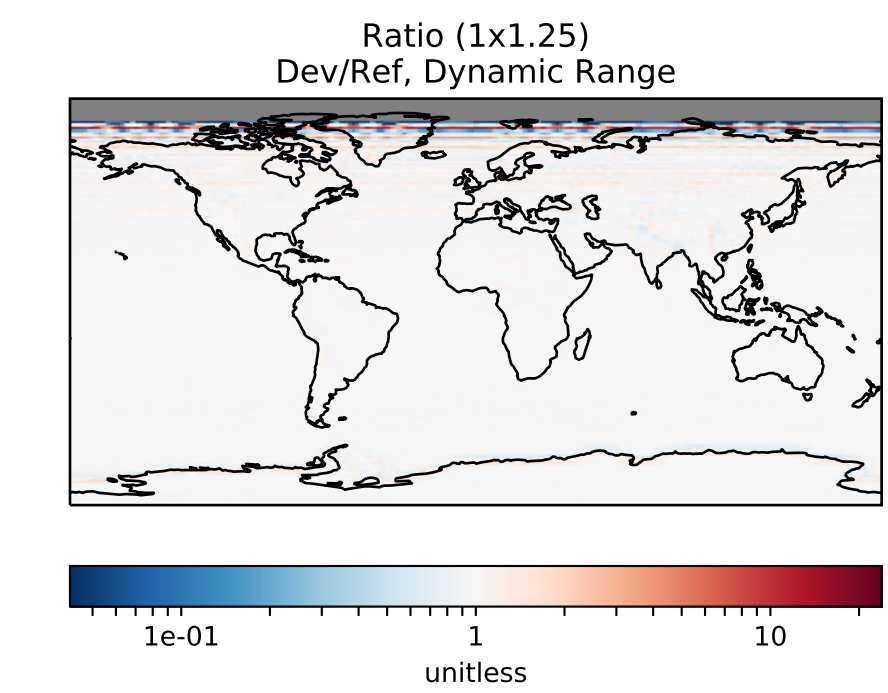
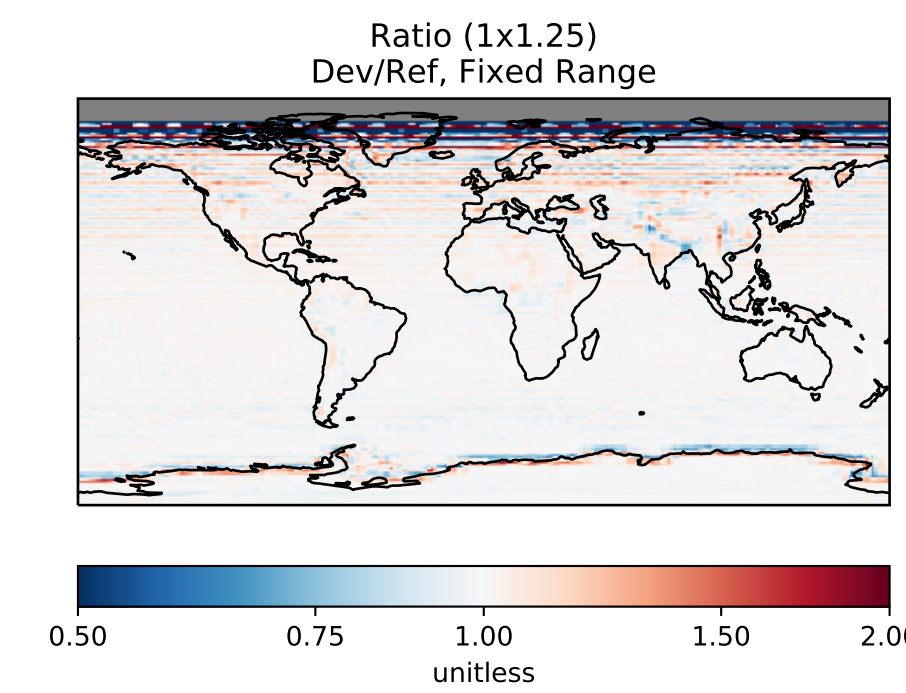




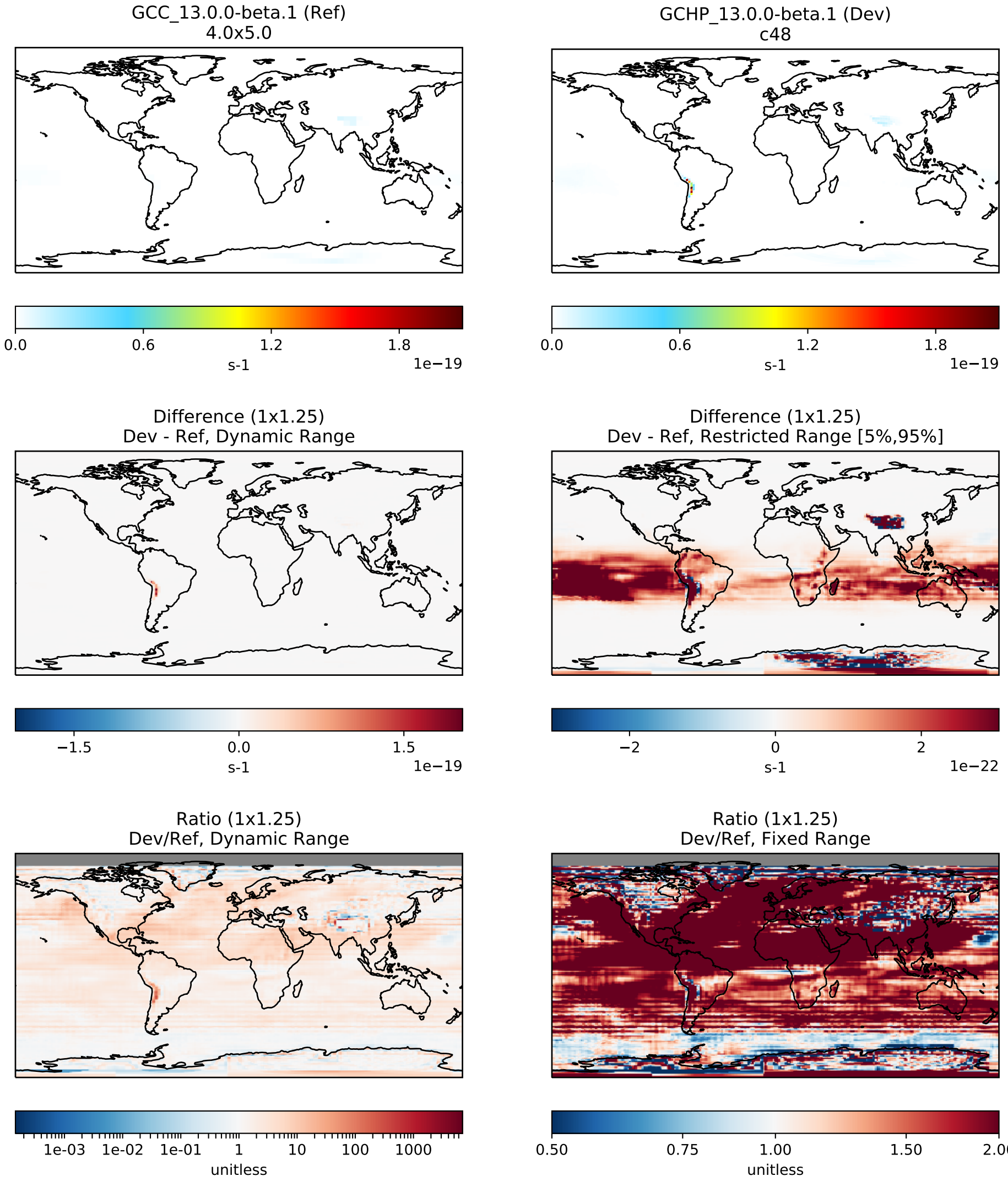




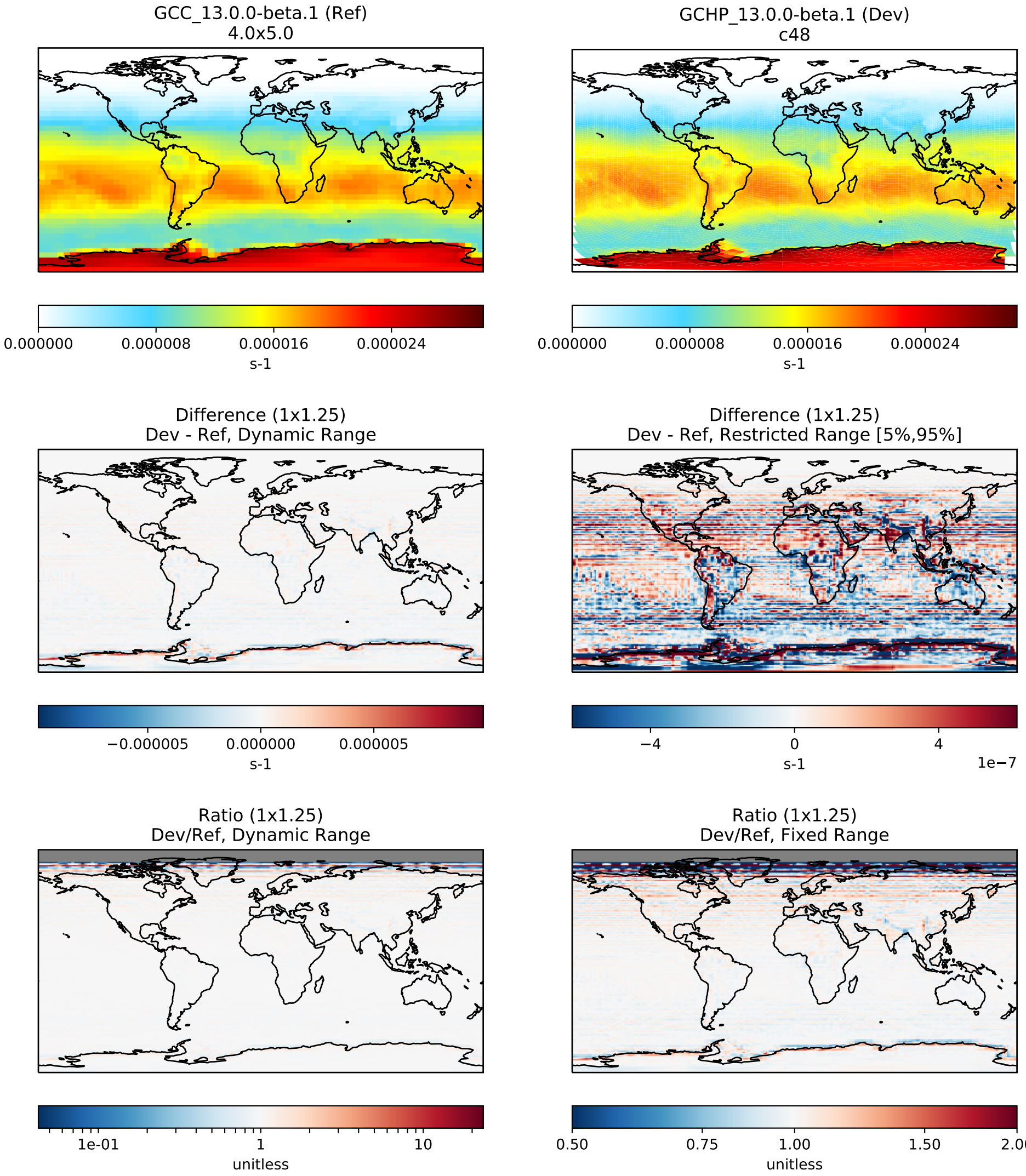




Jval_N2O (Jan2019)

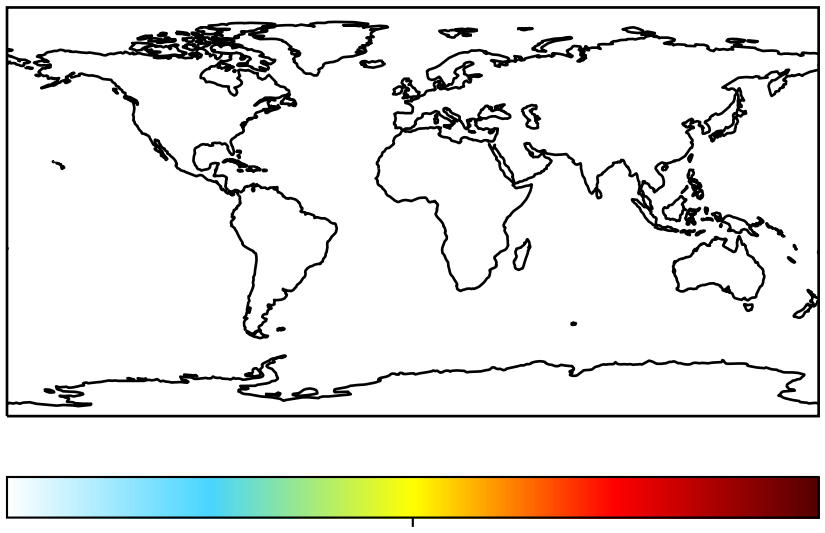


Jval_N2O5 (Jan2019)

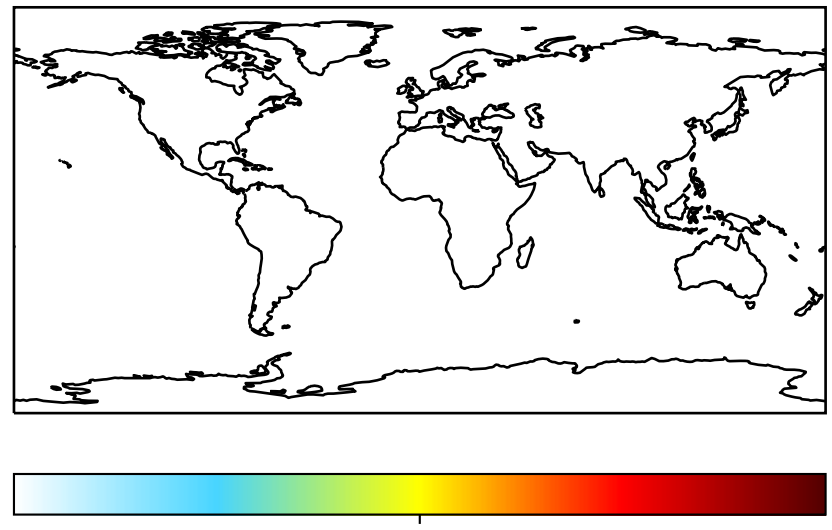


Jval_NIT (Jan2019)

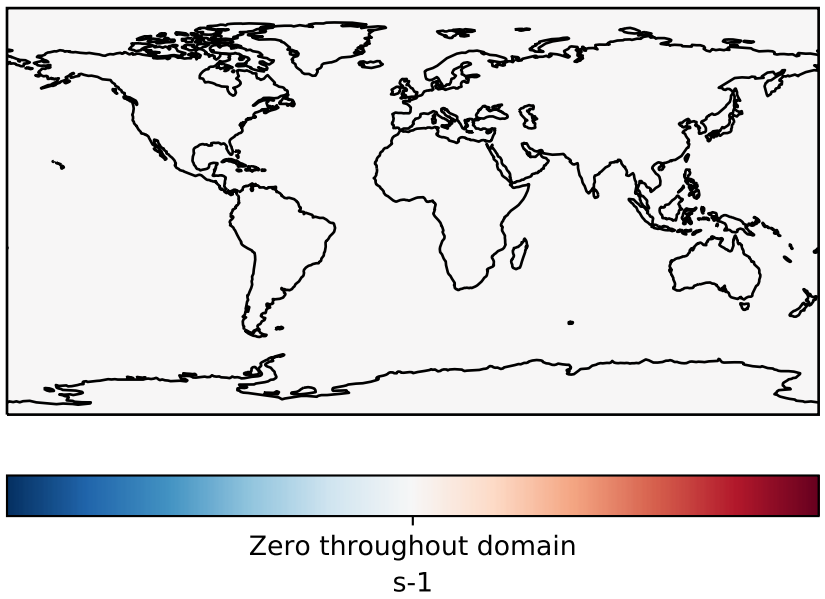
GCC_13.0.0-beta.1 (Ref)
4.0x5.0



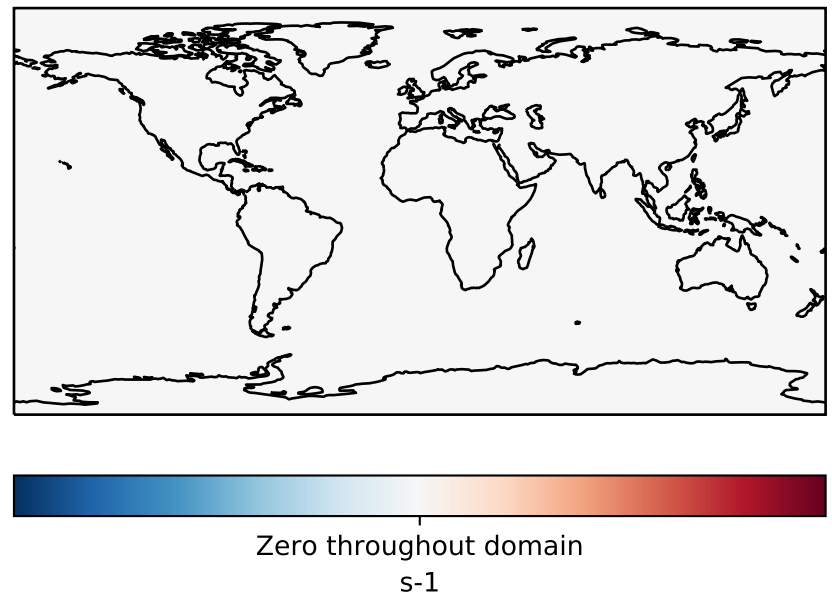
GCHP_13.0.0-beta.1 (Dev)
c48



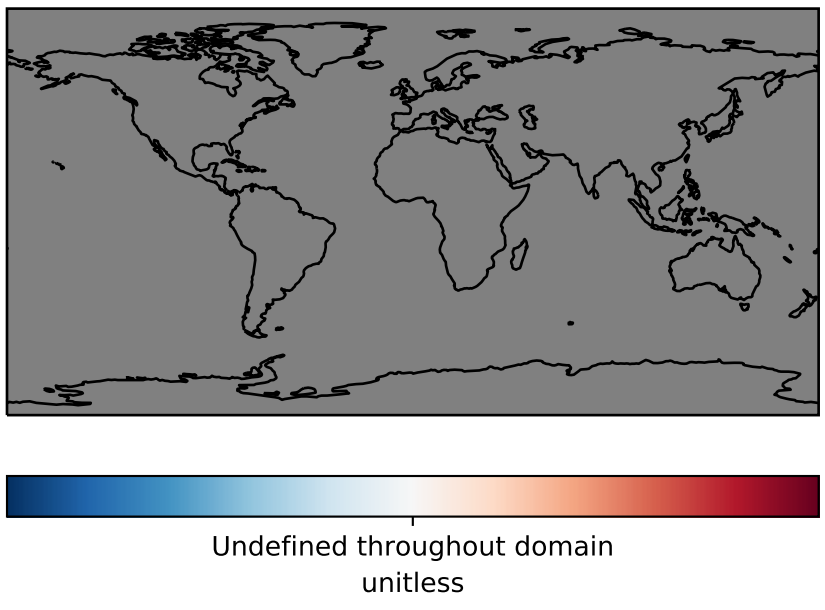
Difference (1x1.25)
Dev - Ref, Dynamic Range



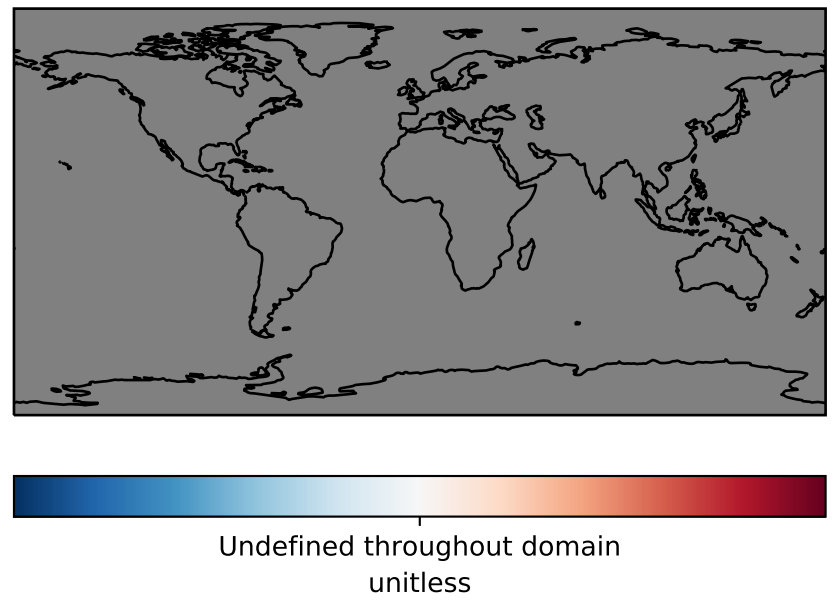
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

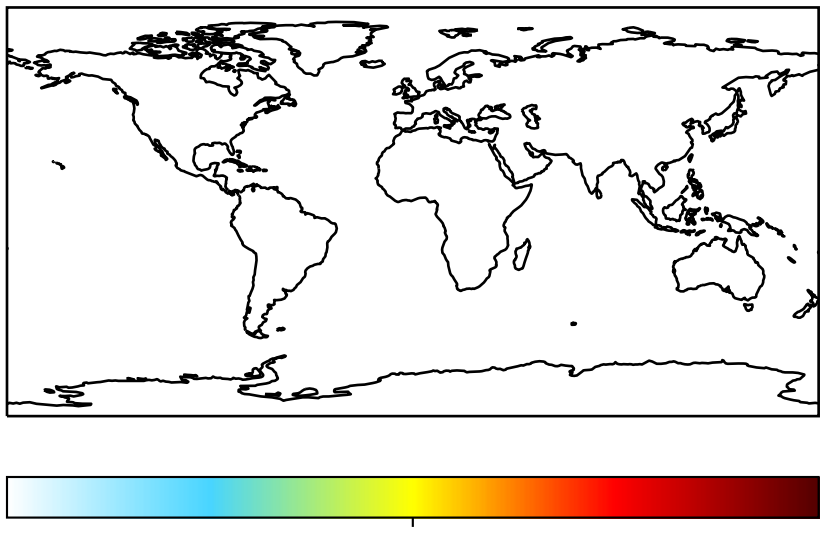


Ratio (1x1.25)
Dev/Ref, Fixed Range

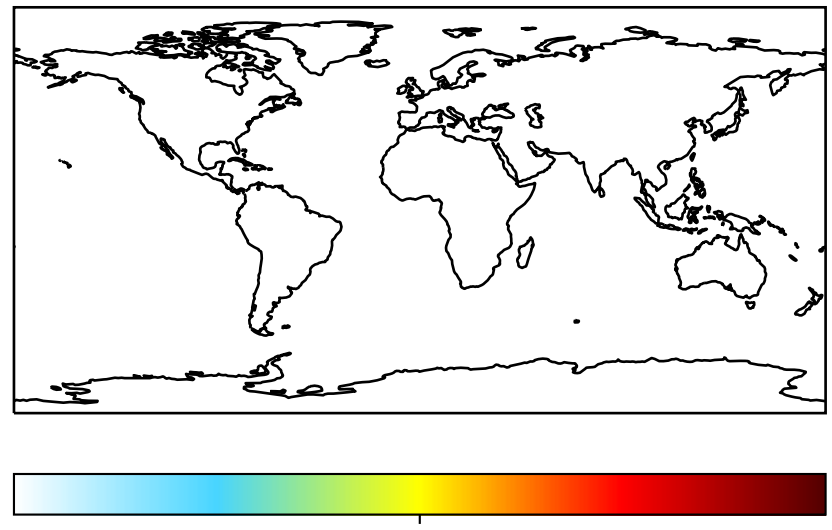


Jval_NITs (Jan2019)

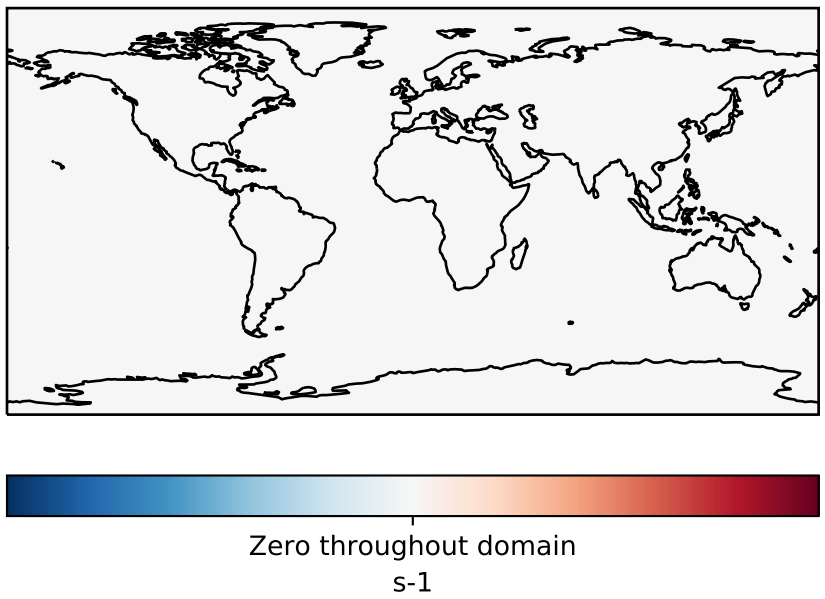
GCC_13.0.0-beta.1 (Ref)
4.0x5.0



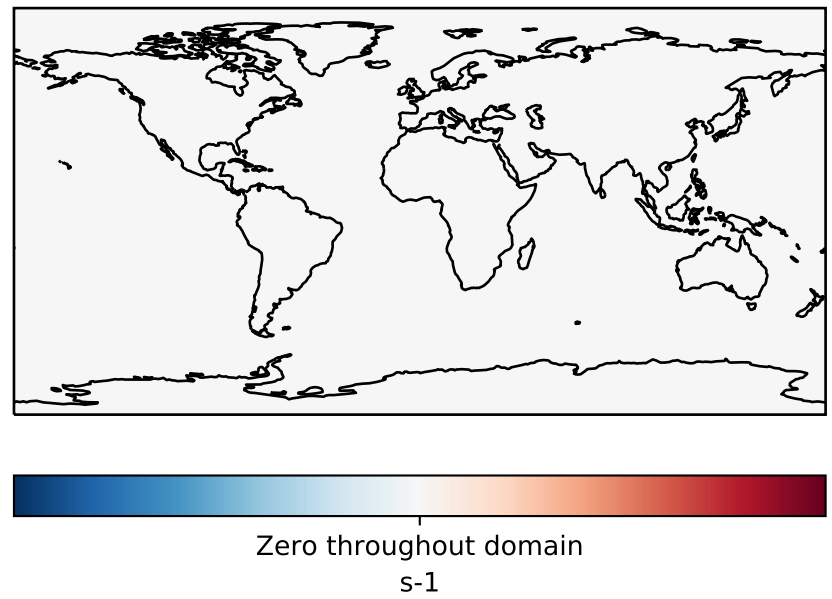
GCHP_13.0.0-beta.1 (Dev)
c48



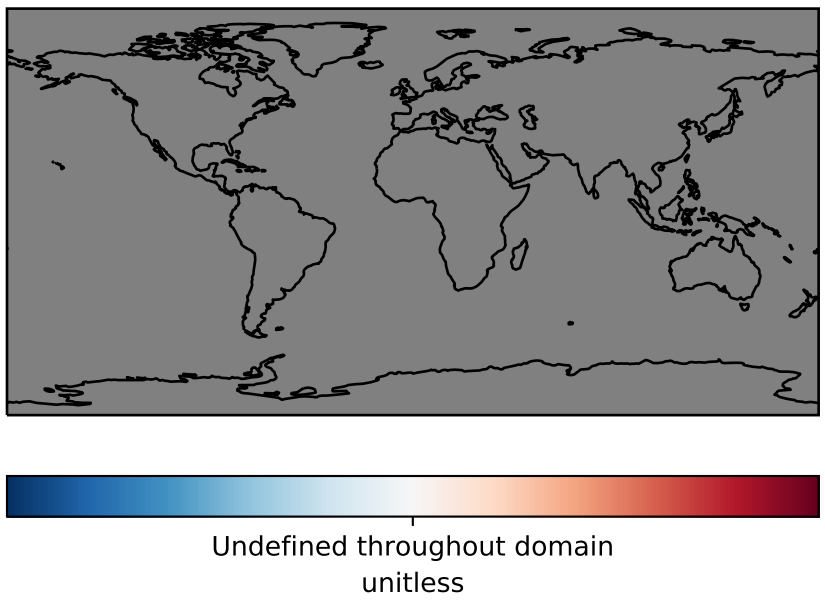
Difference (1x1.25)
Dev - Ref, Dynamic Range



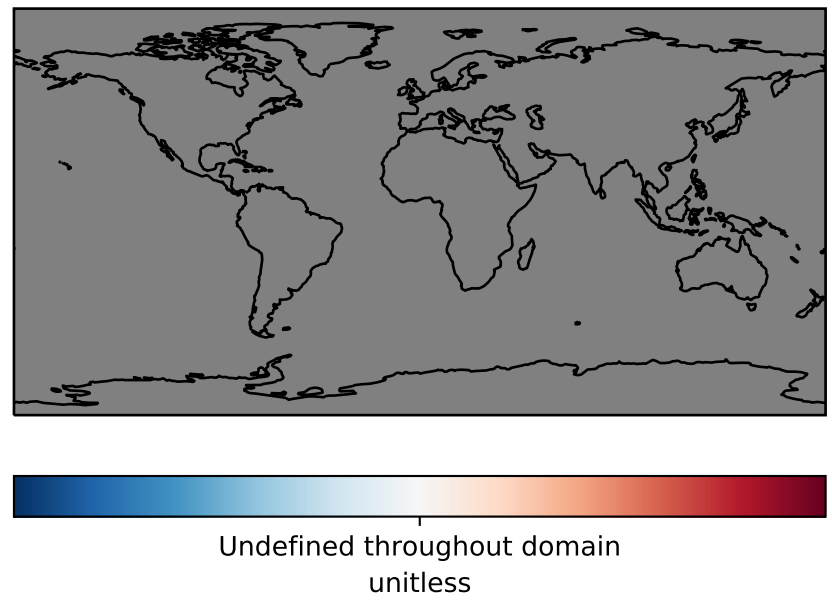
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



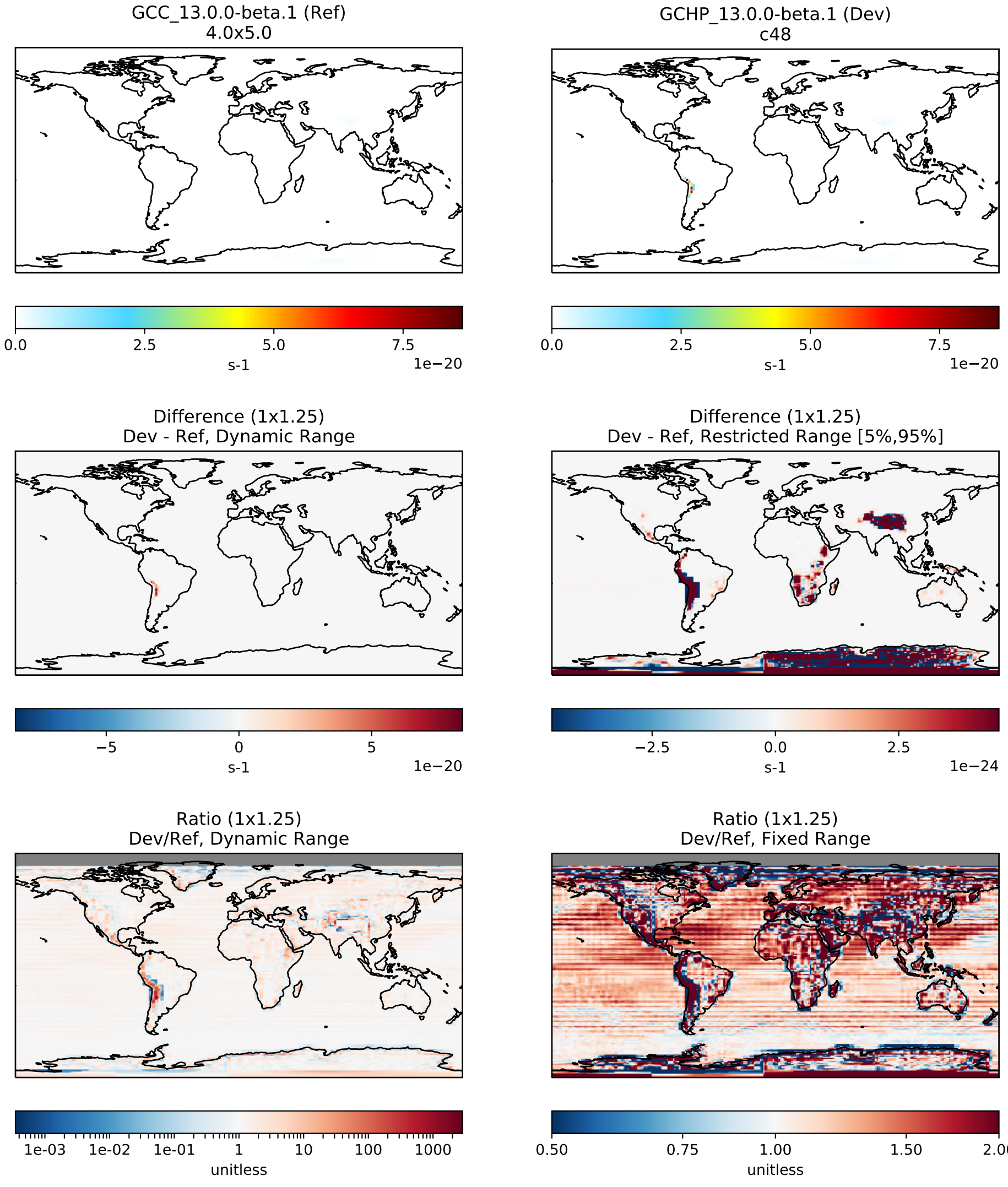
Ratio (1x1.25)
Dev/Ref, Dynamic Range



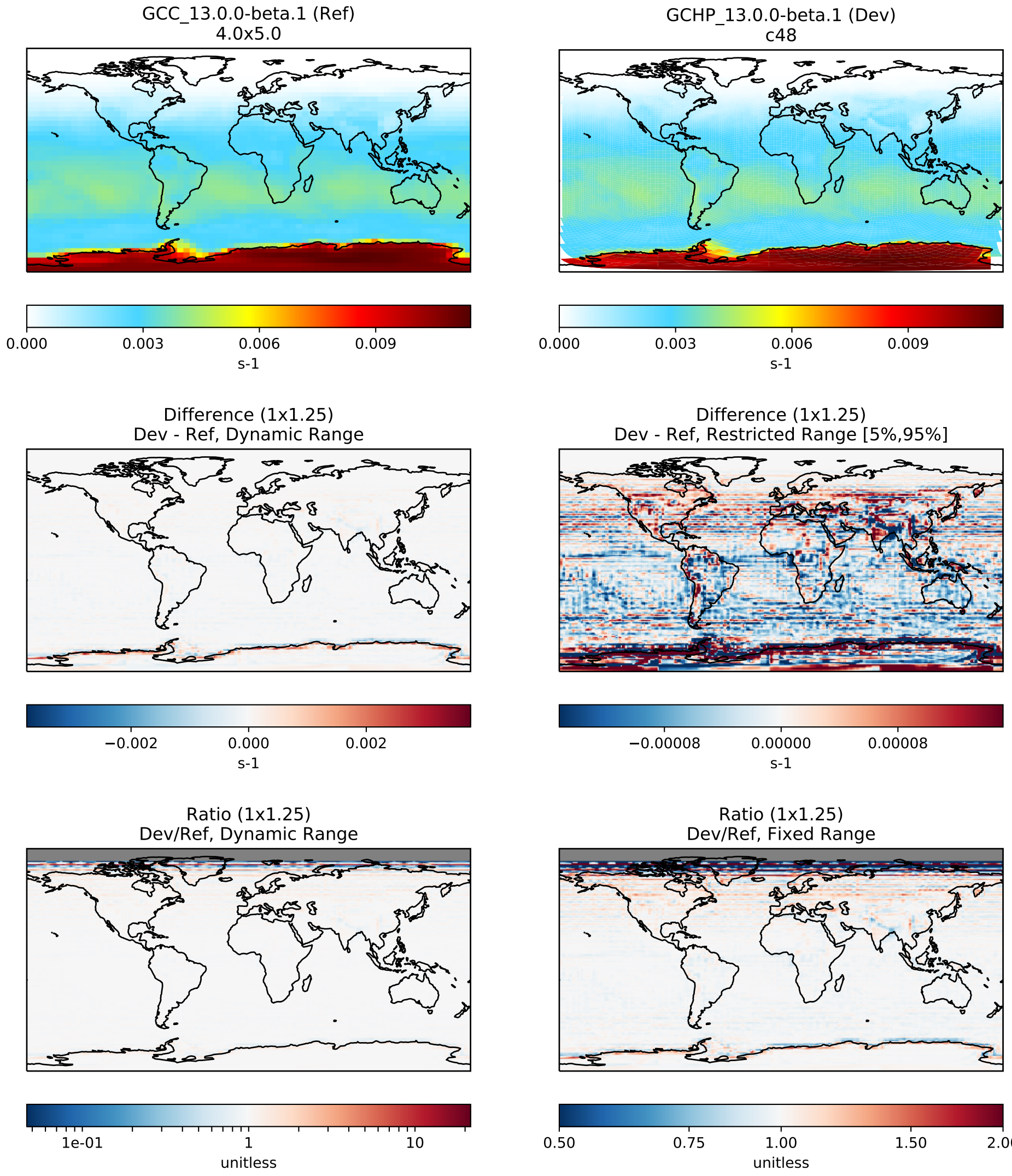
Ratio (1x1.25)
Dev/Ref, Fixed Range



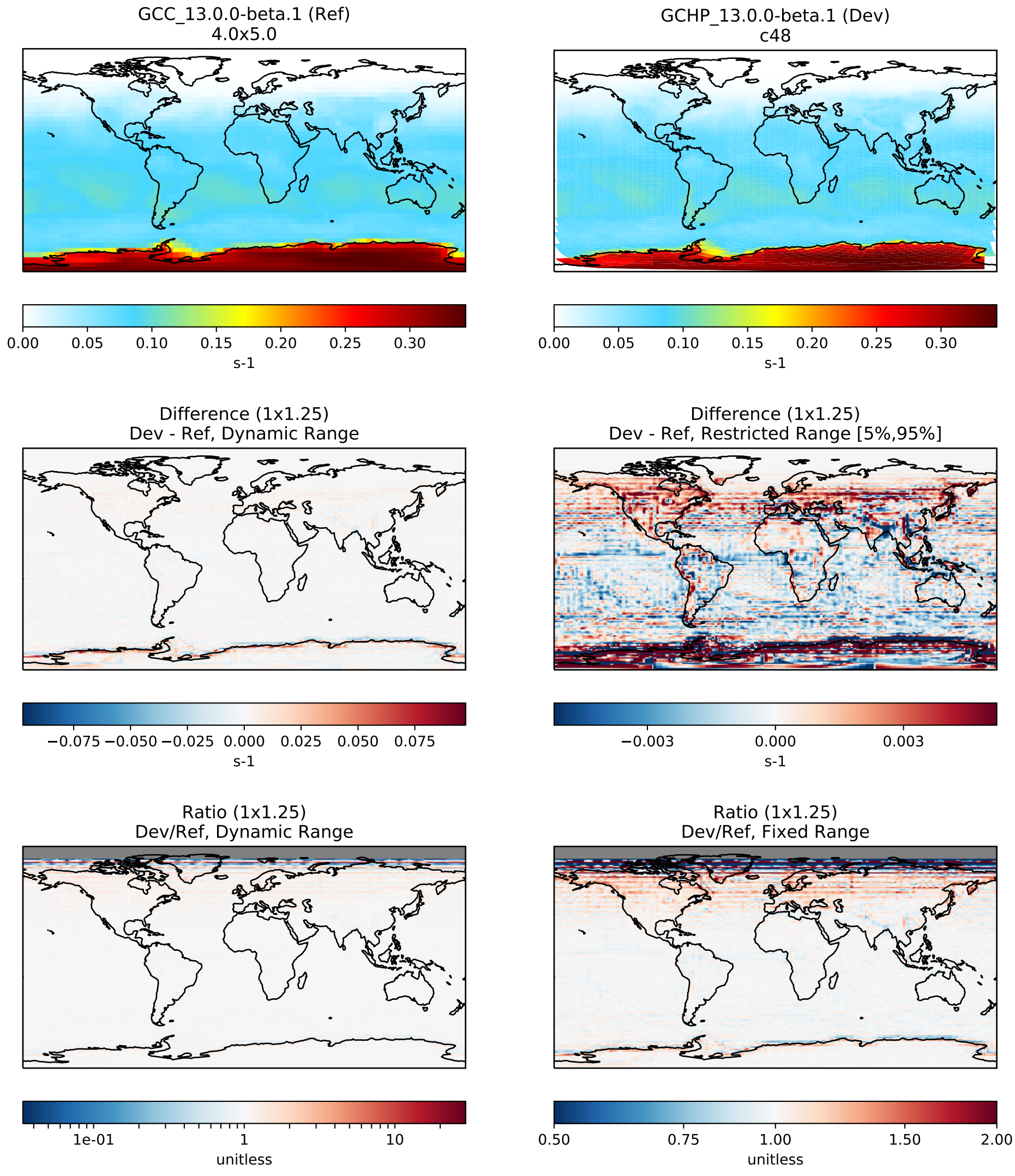
Jval_NO (Jan2019)



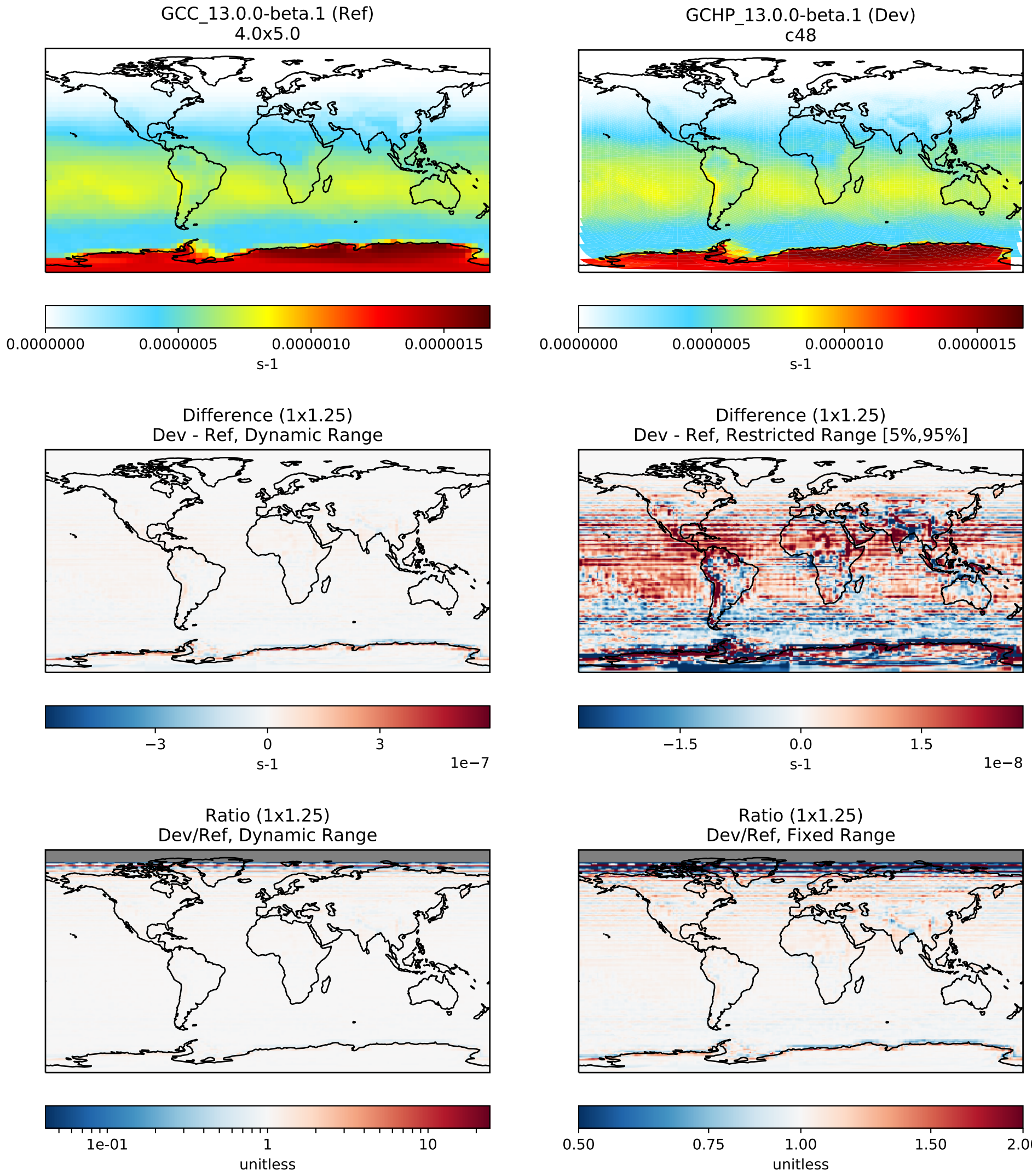
Jval_NO2 (Jan2019)



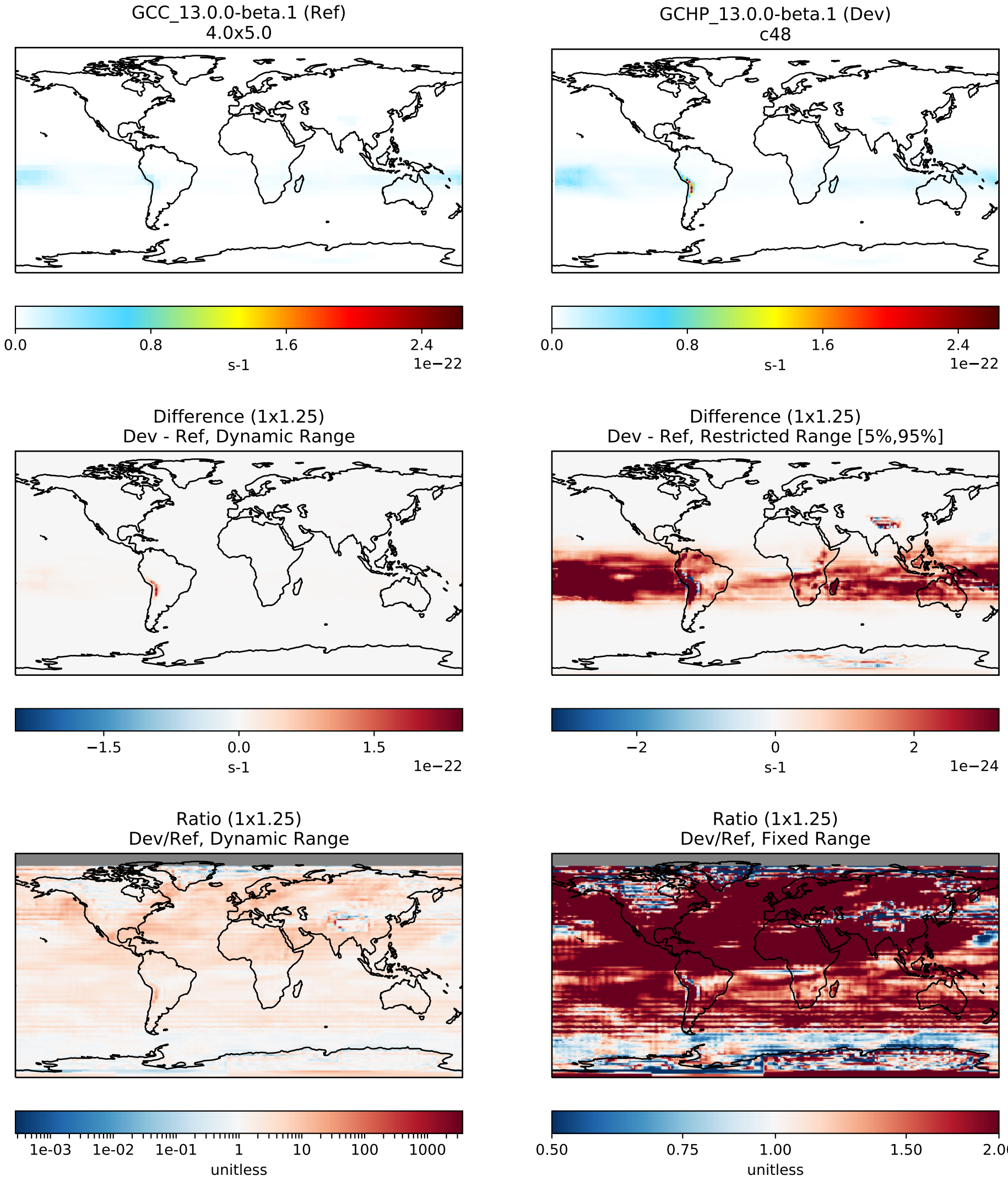
Jval_NO3 (Jan2019)



Jval_NPRNO3 (Jan2019)

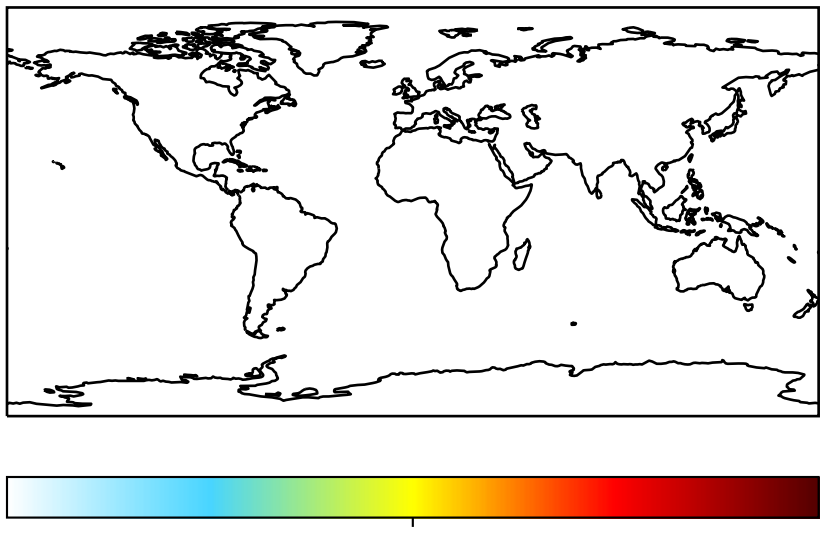


Jval_O2 (Jan2019)

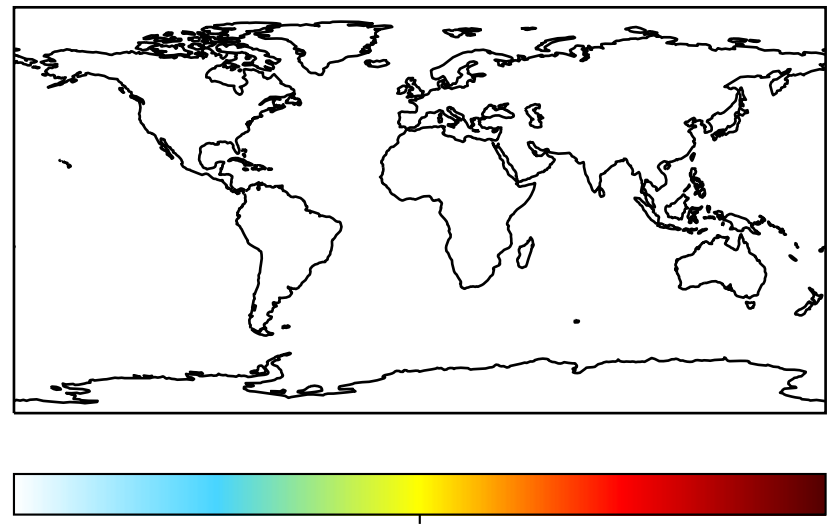


Jval_O3 (Jan2019)

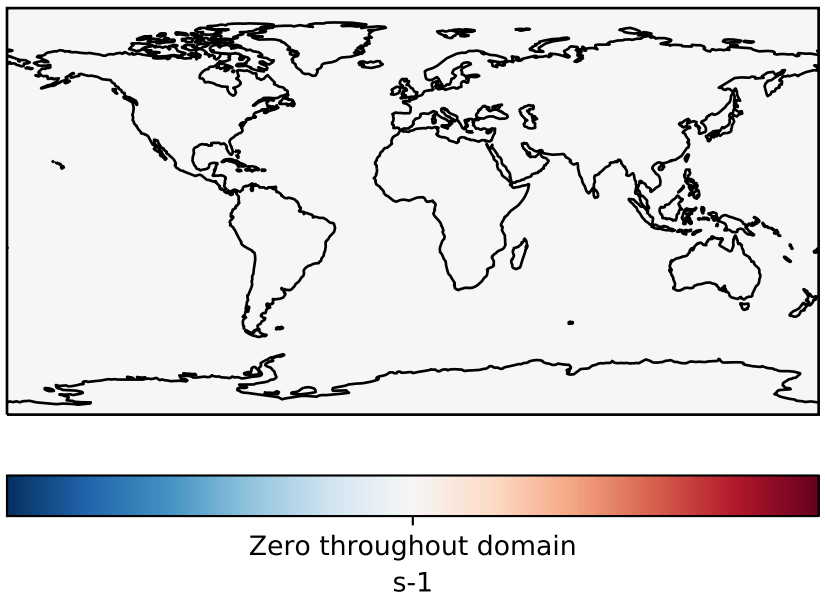
GCC_13.0.0-beta.1 (Ref)
4.0x5.0



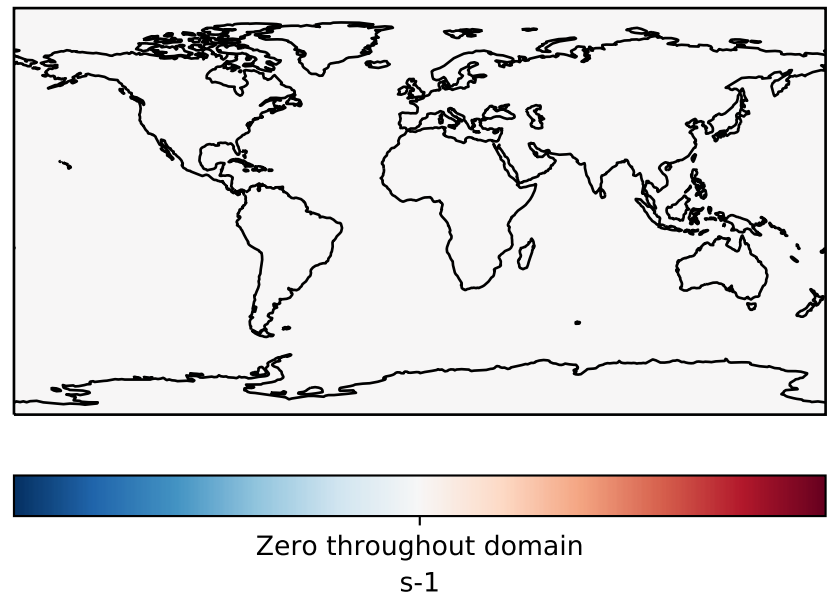
GCHP_13.0.0-beta.1 (Dev)
c48



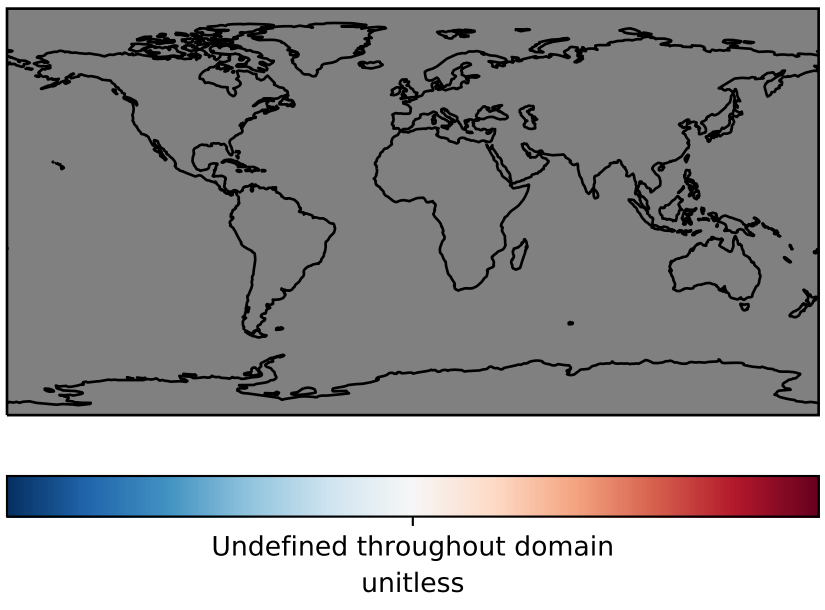
Difference (1x1.25)
Dev - Ref, Dynamic Range



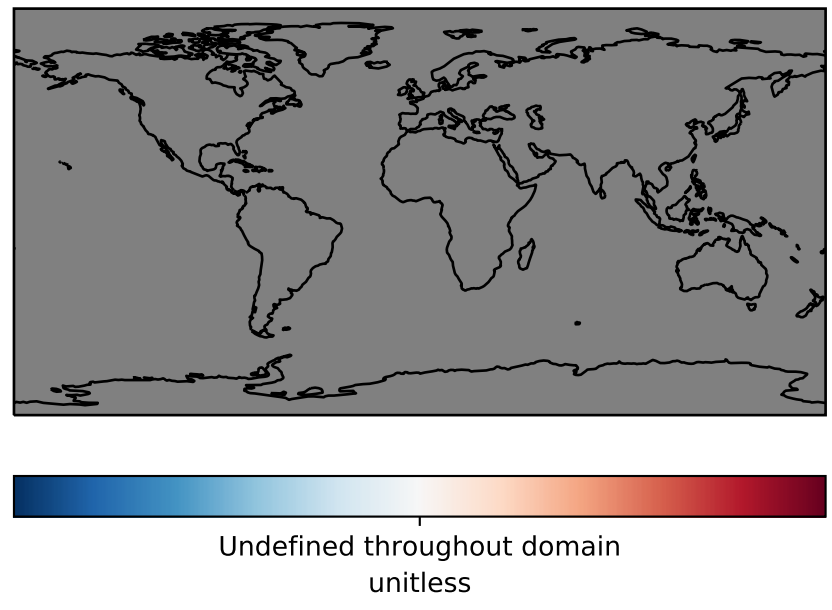
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



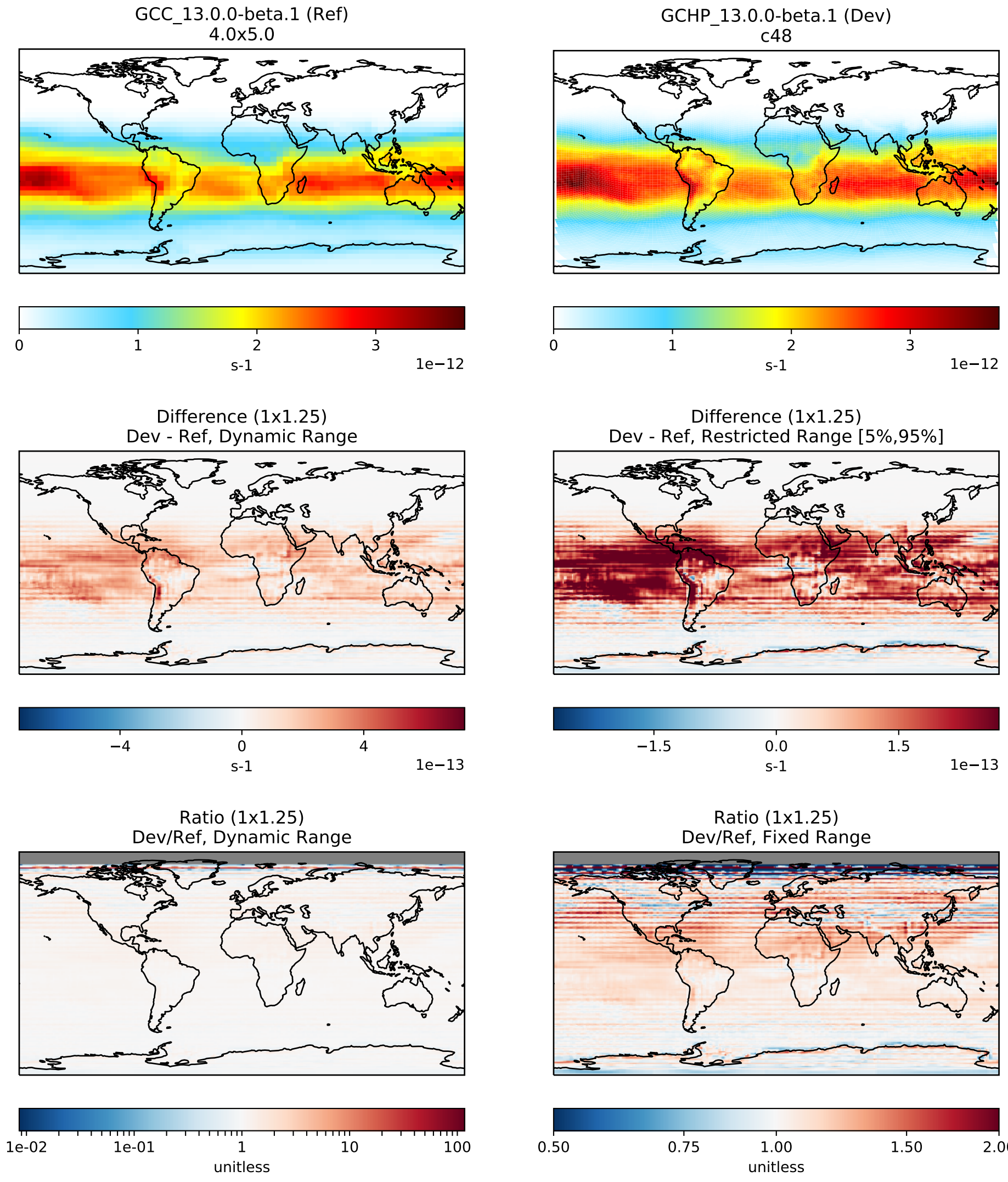
Ratio (1x1.25)
Dev/Ref, Dynamic Range



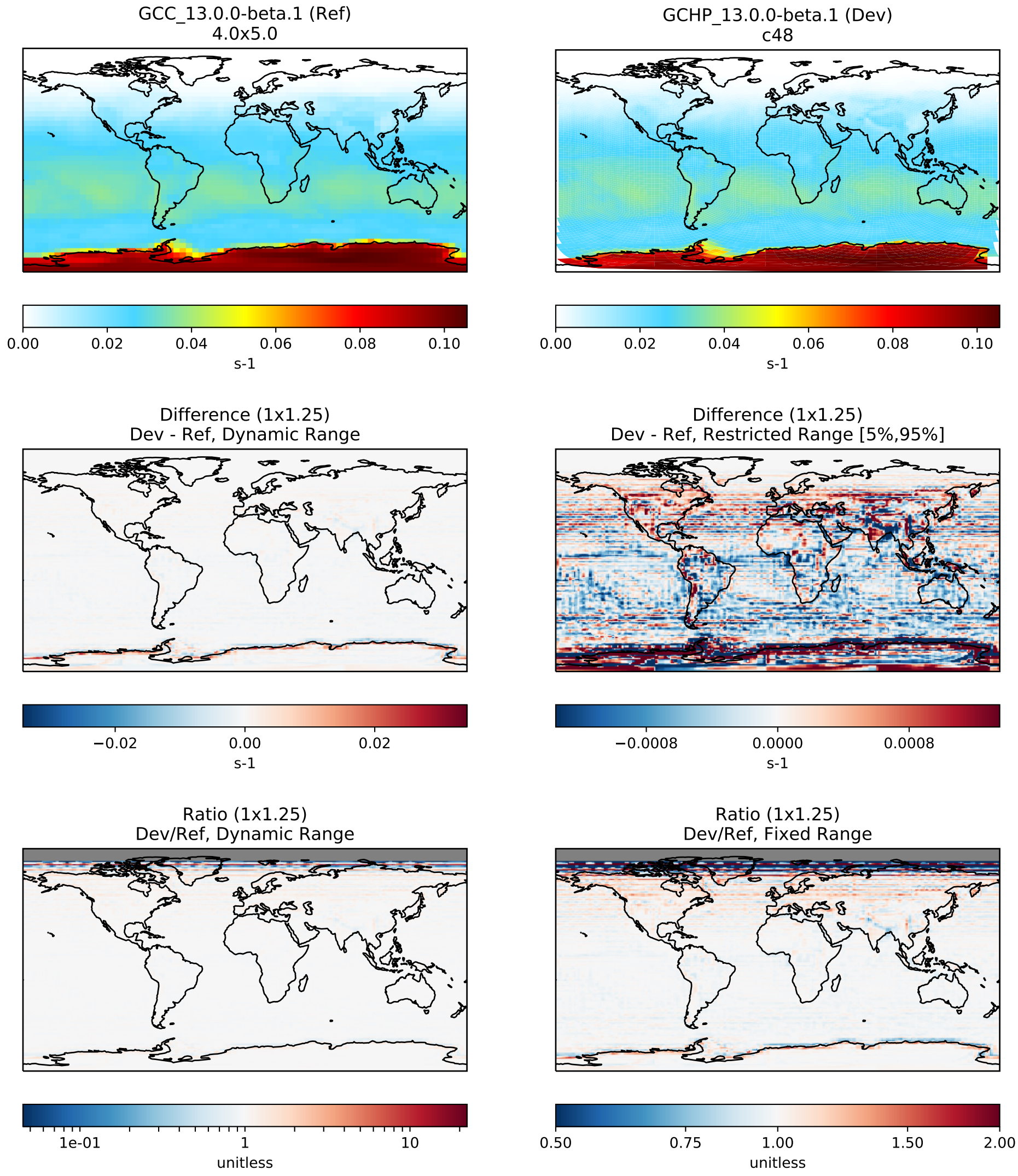
Ratio (1x1.25)
Dev/Ref, Fixed Range



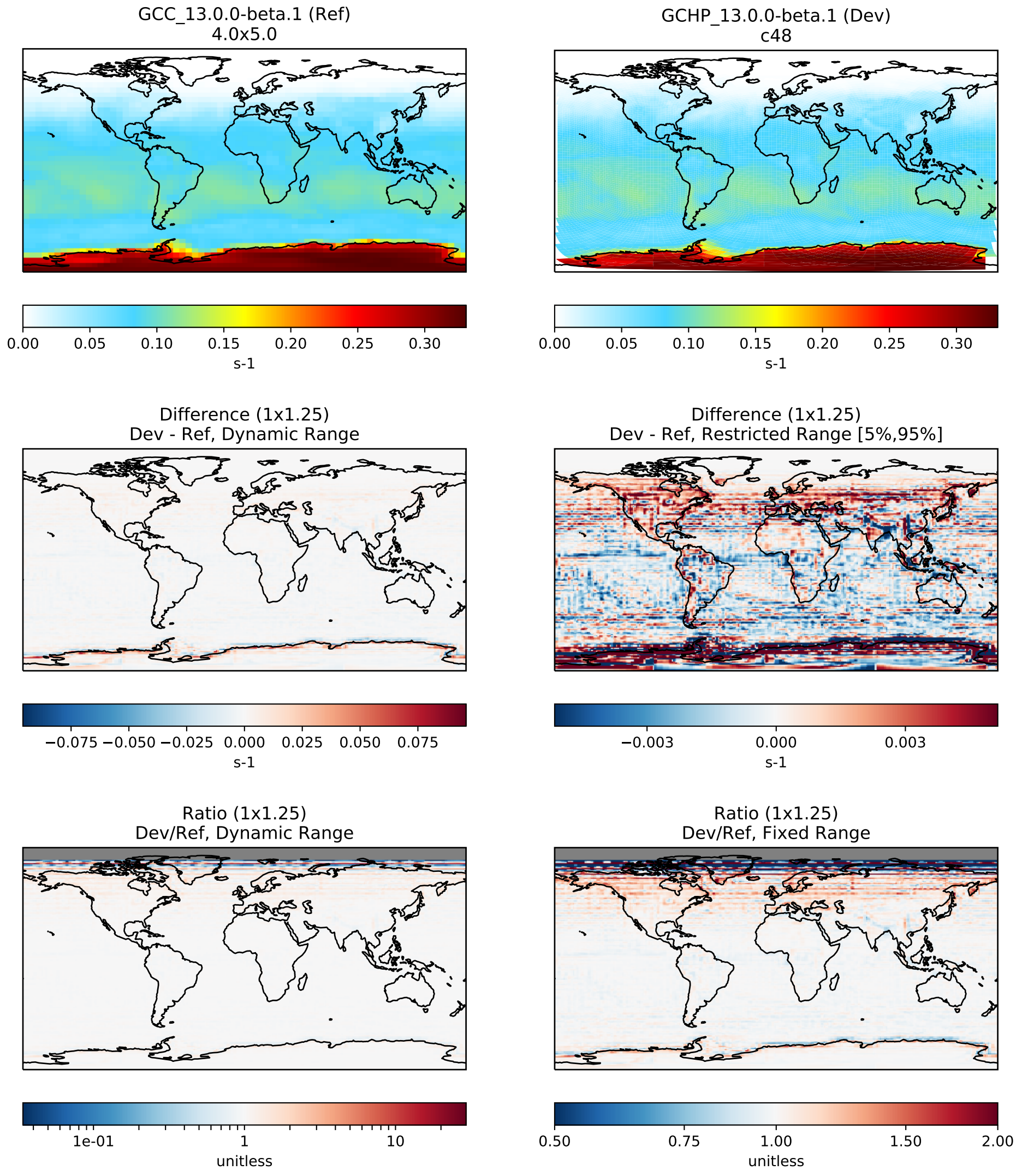
Jval_OCS (Jan2019)



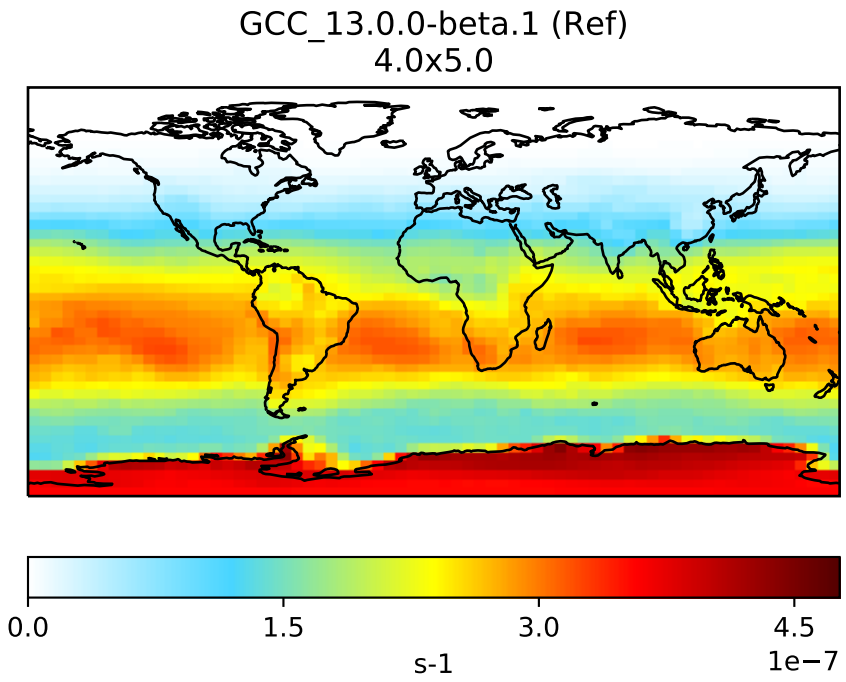
Jval_OClO (Jan2019)

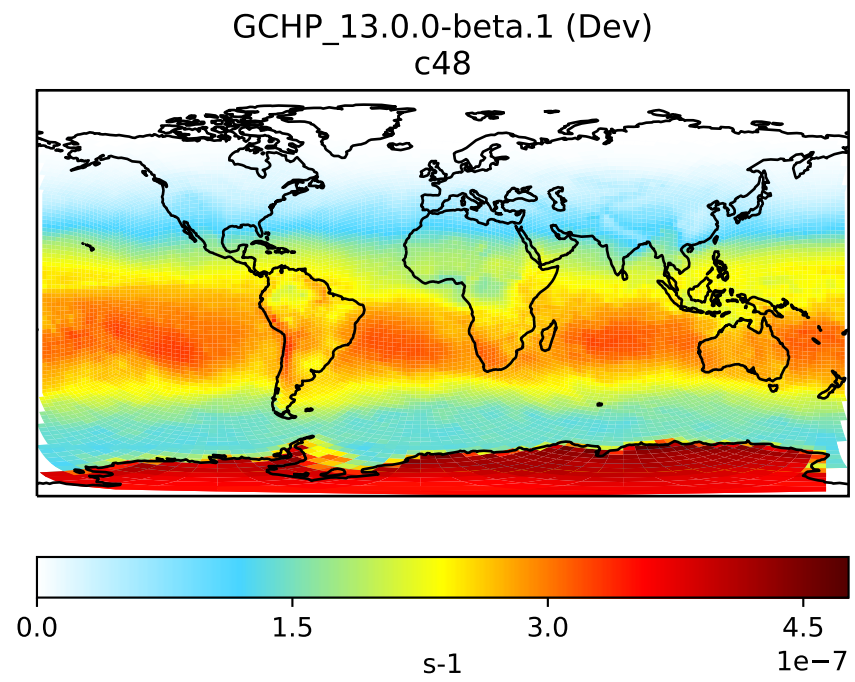


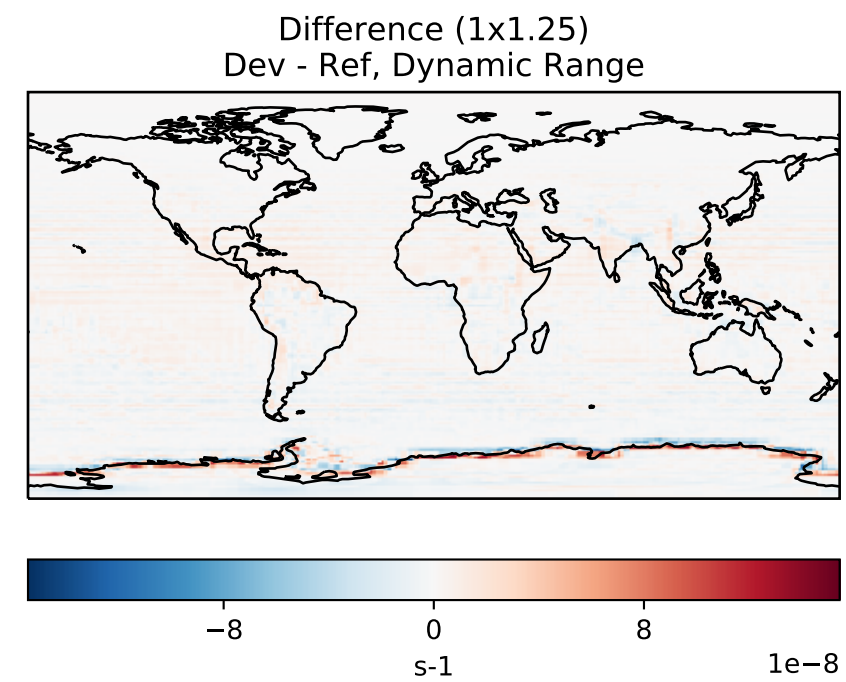
Jval_OIO (Jan2019)

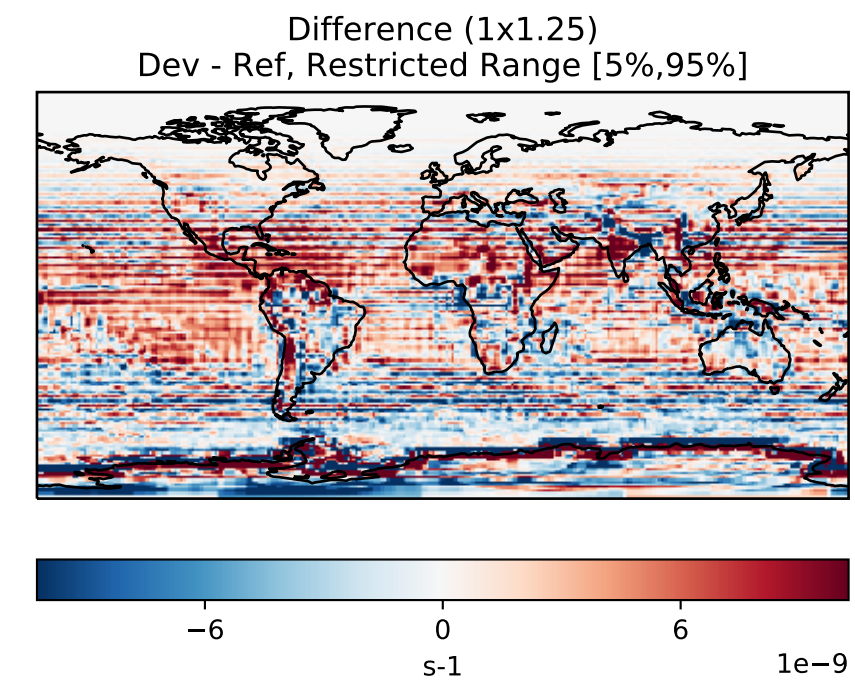


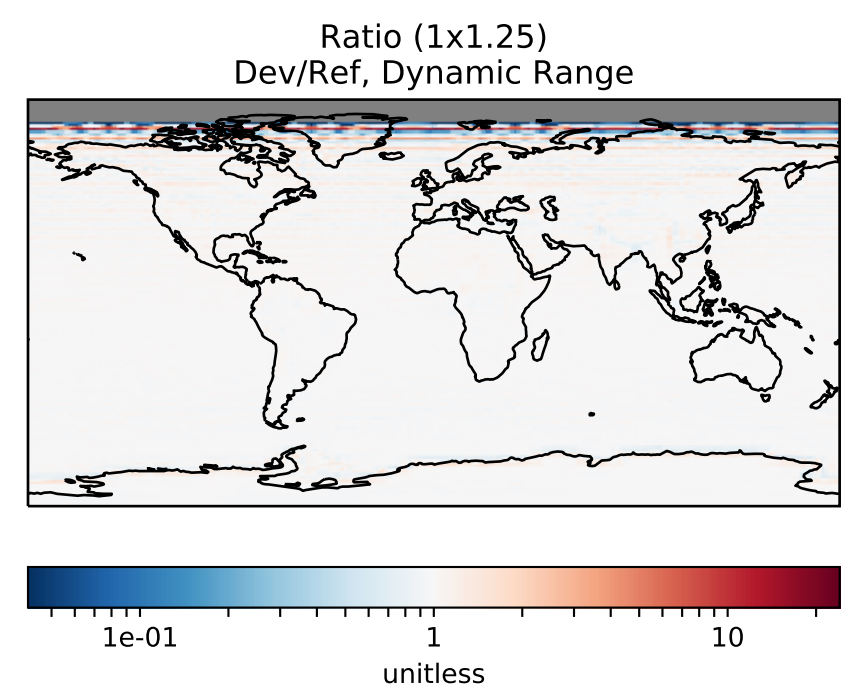
Jval_PAN (Jan2019)

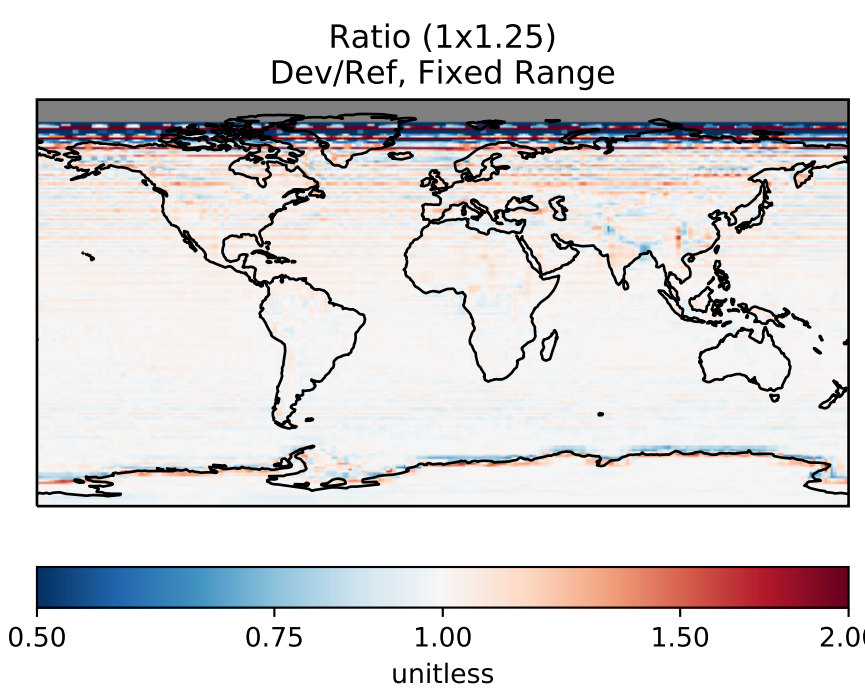




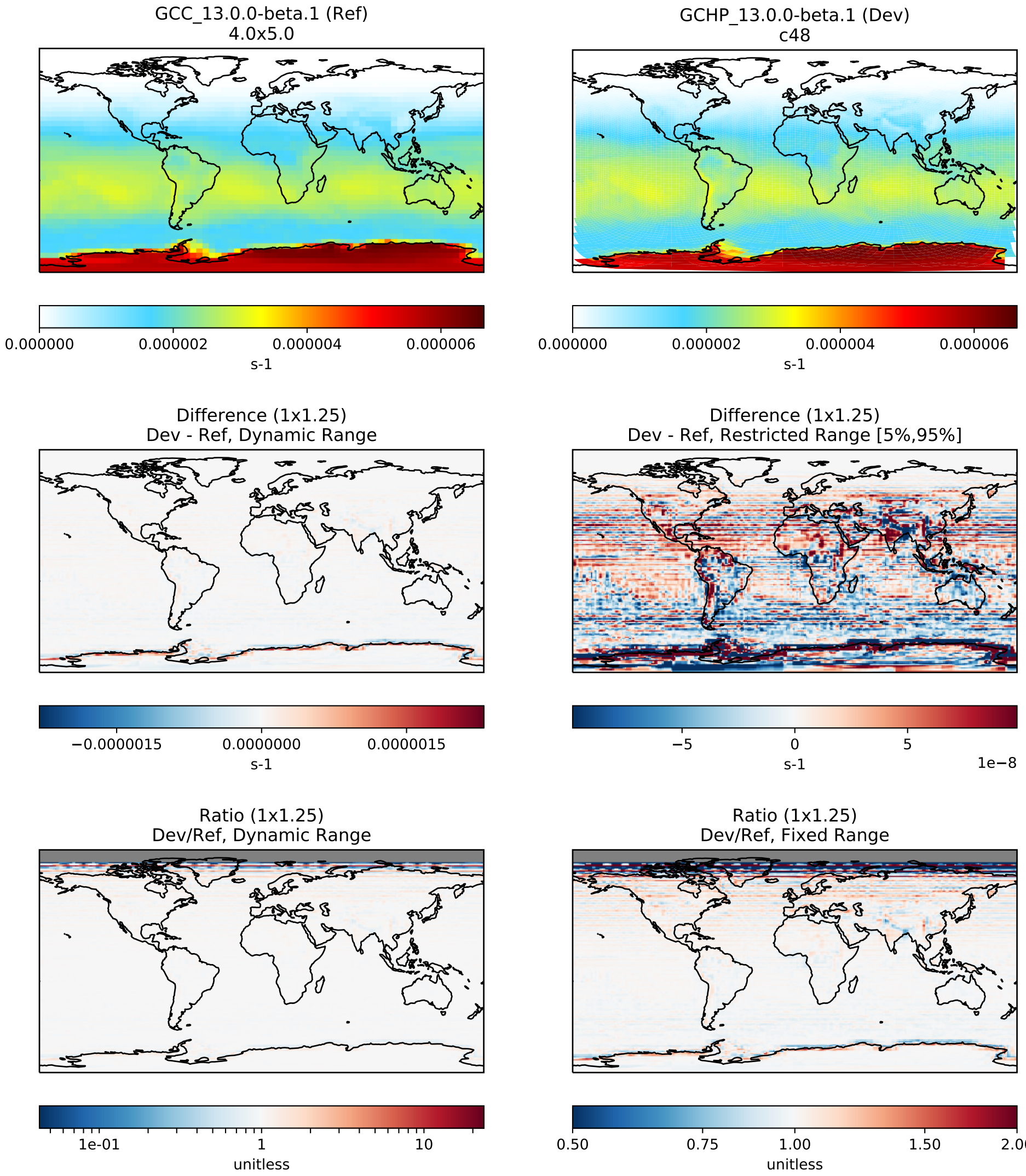




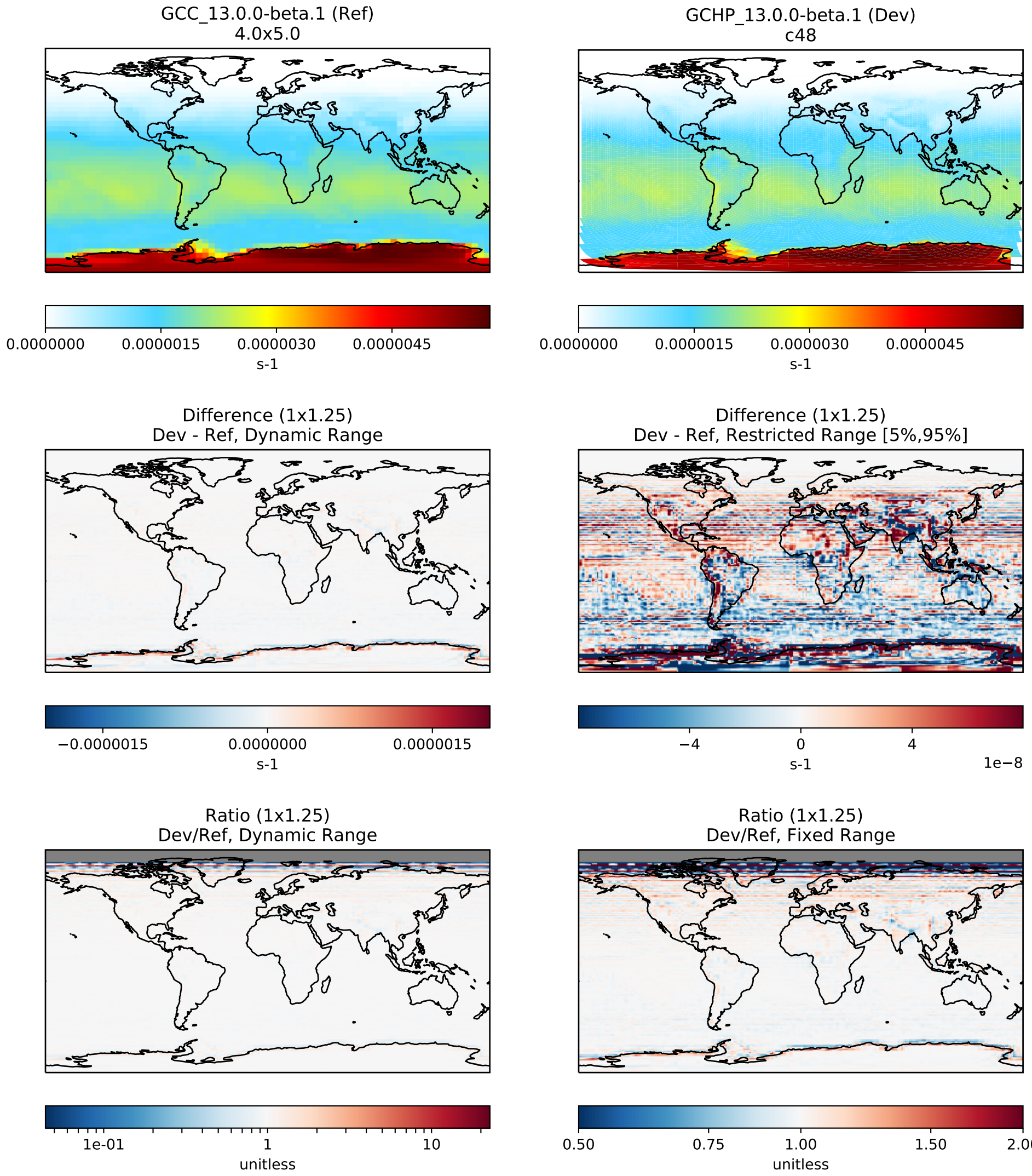




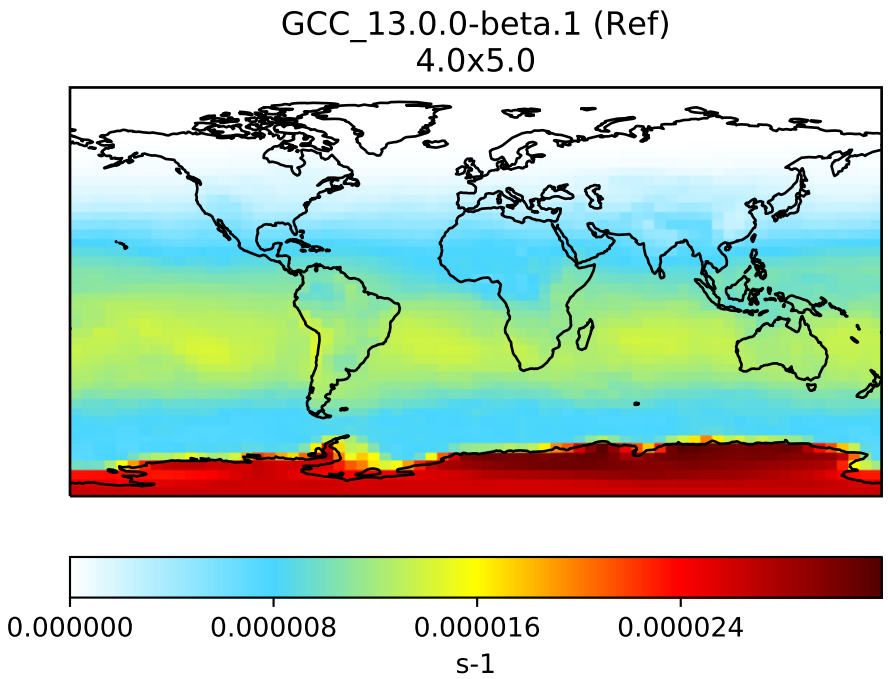
Jval_PIP (Jan2019)

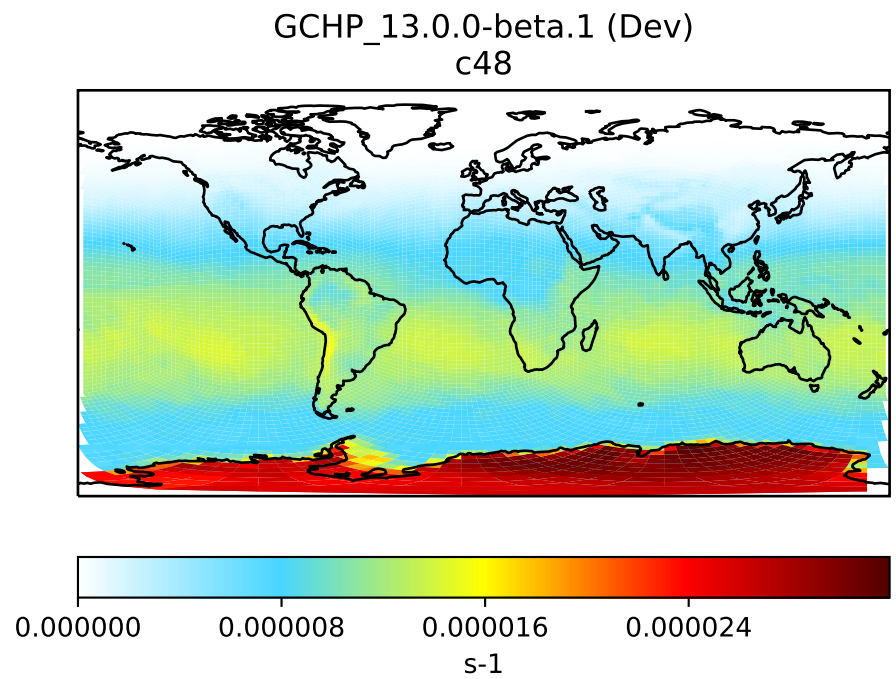


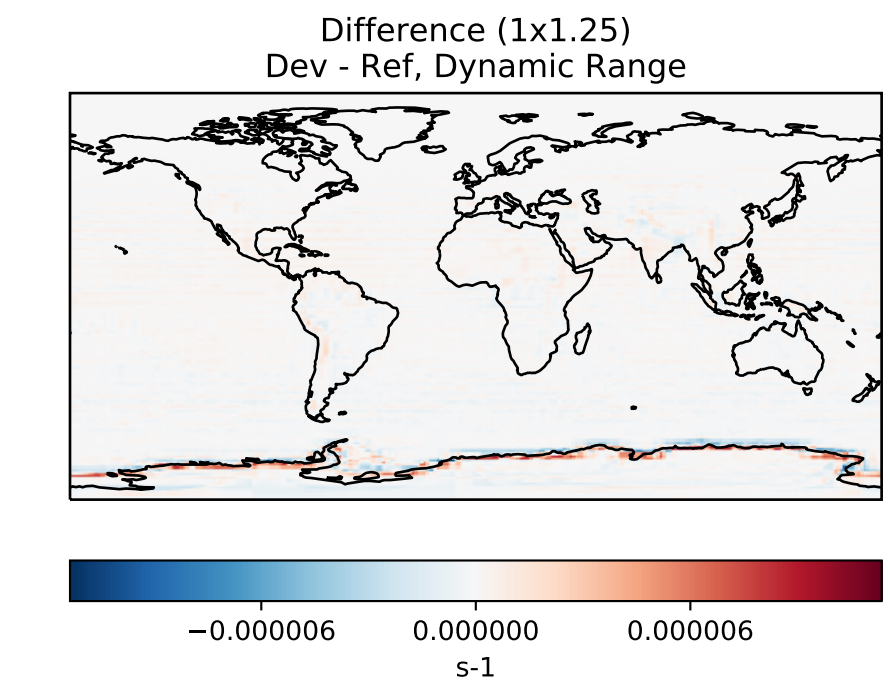
Jval_PP (Jan2019)

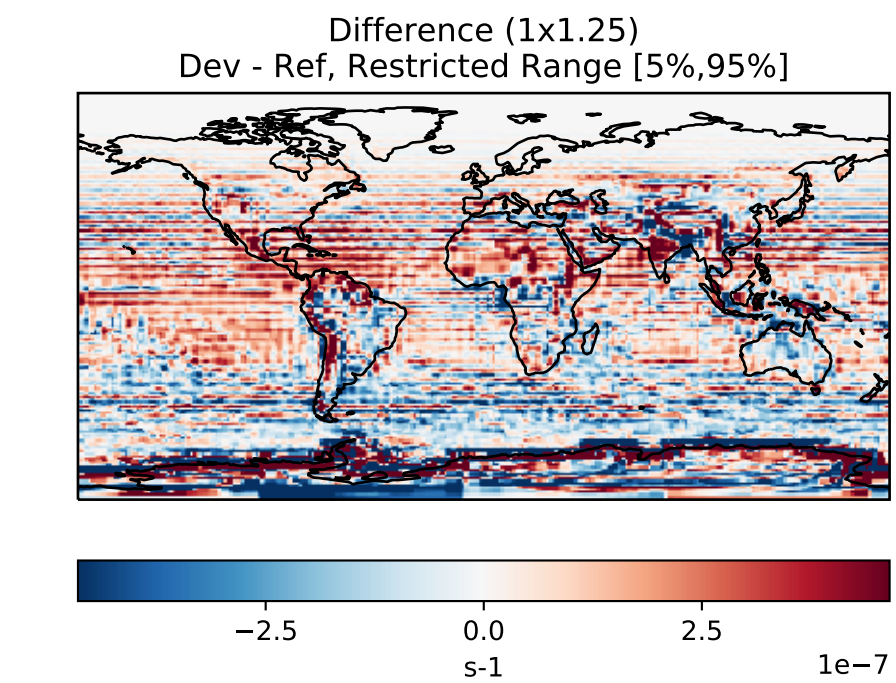


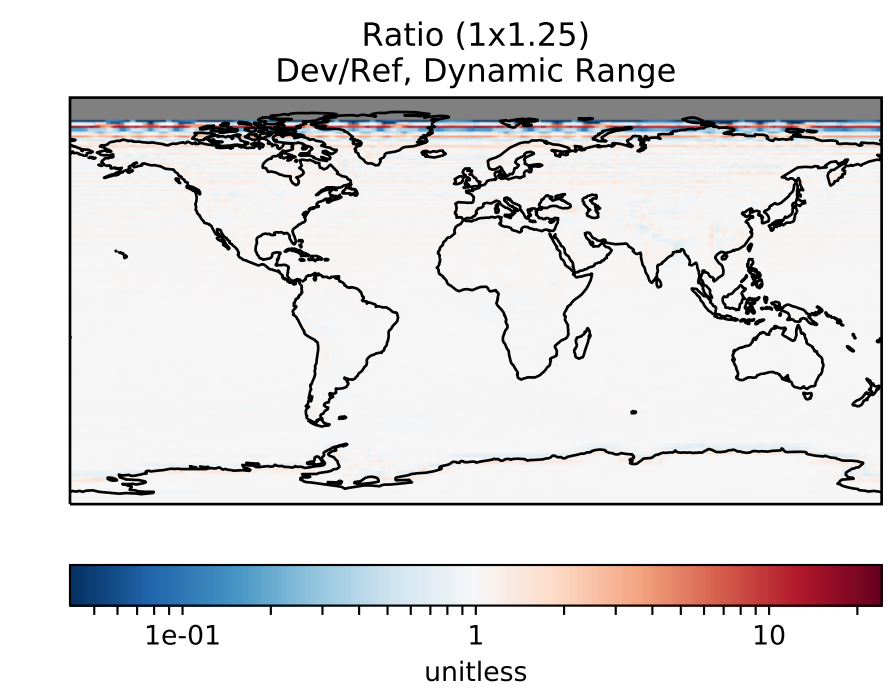
Jval_PROPNN (Jan2019)

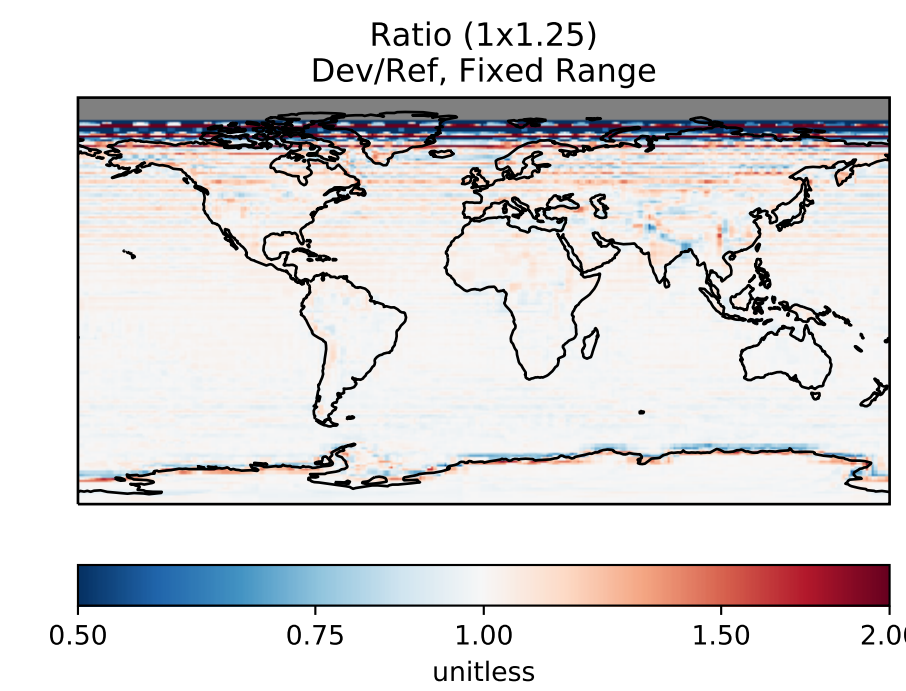




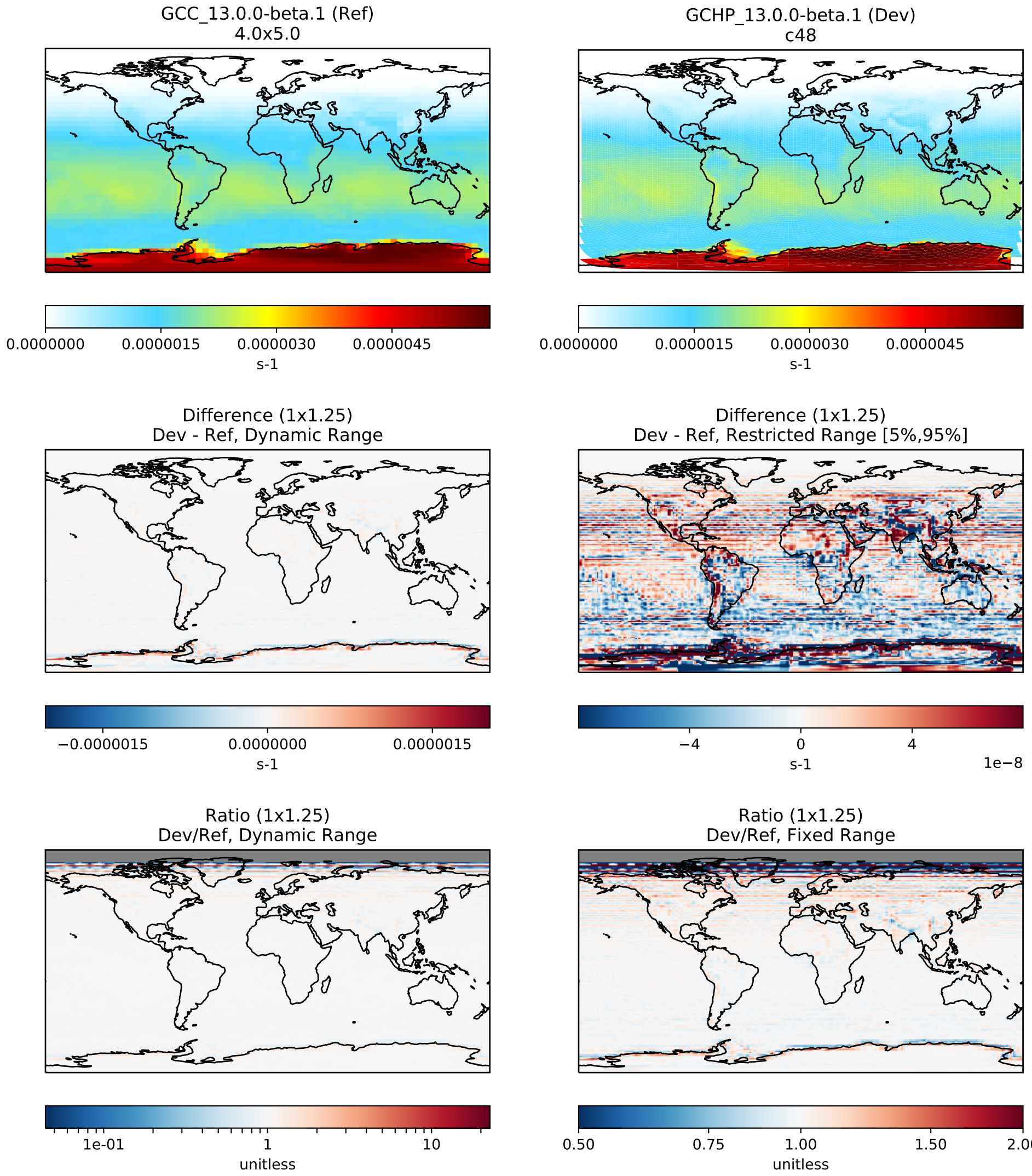




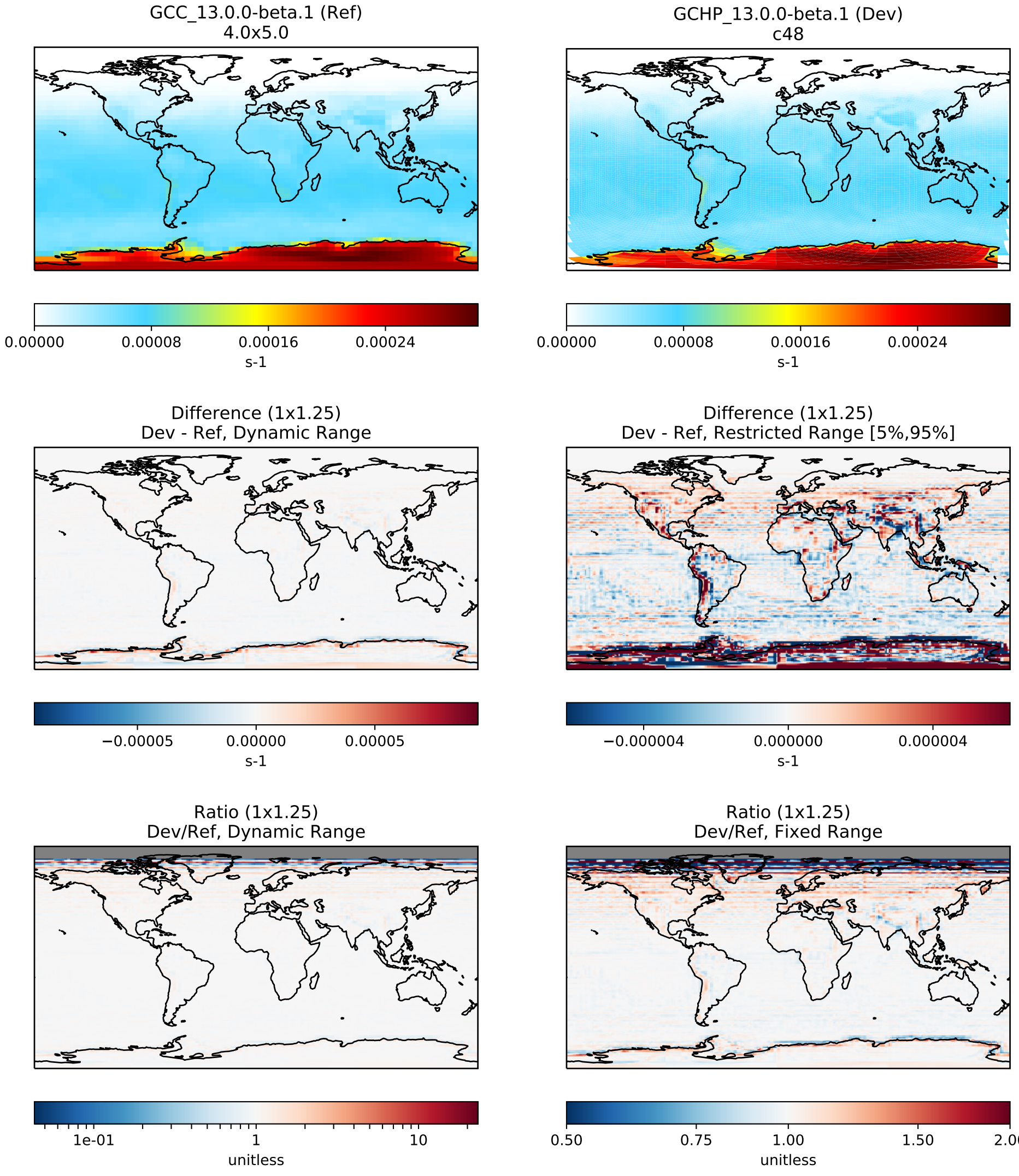




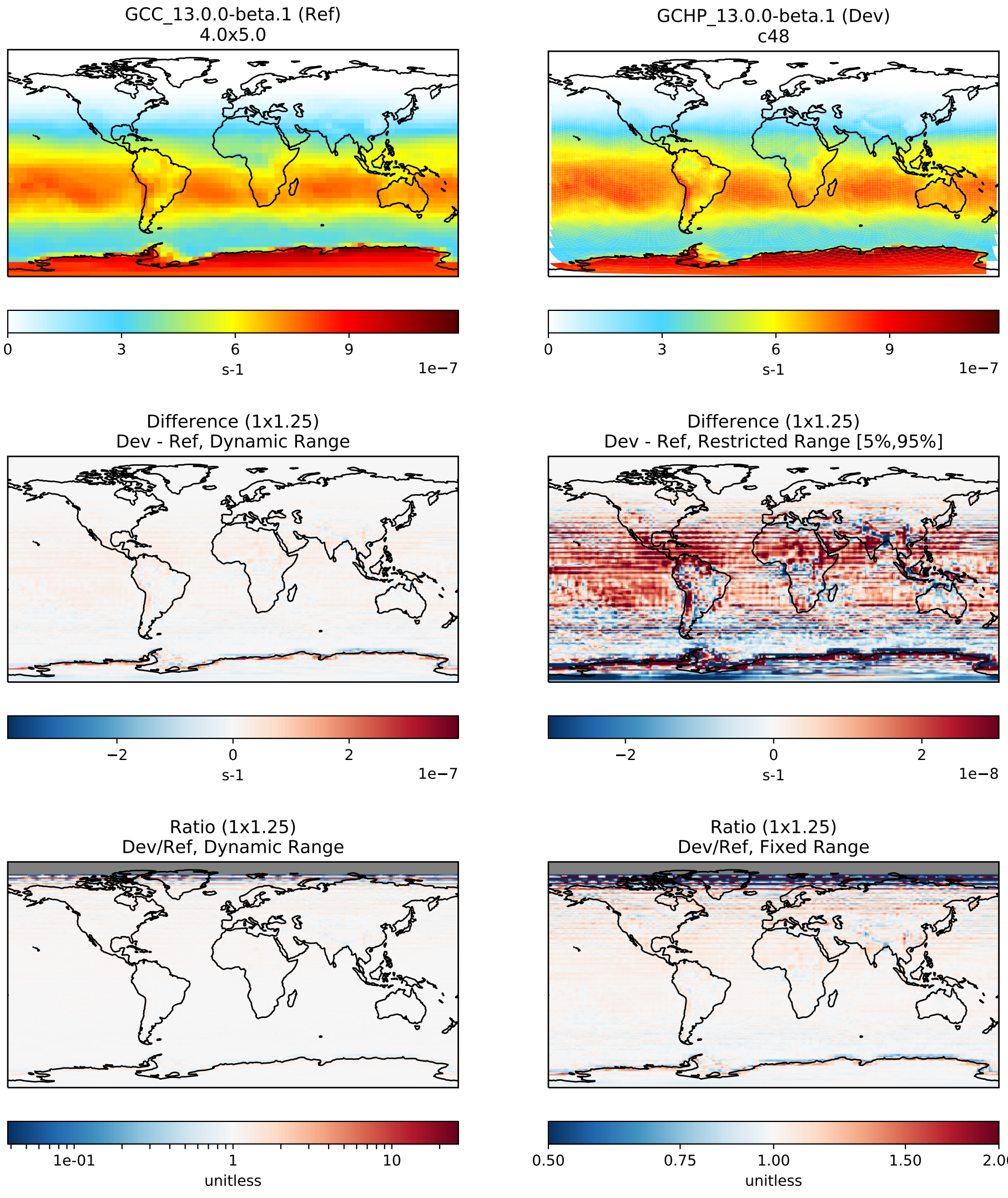
Jval_PRPN (Jan2019)



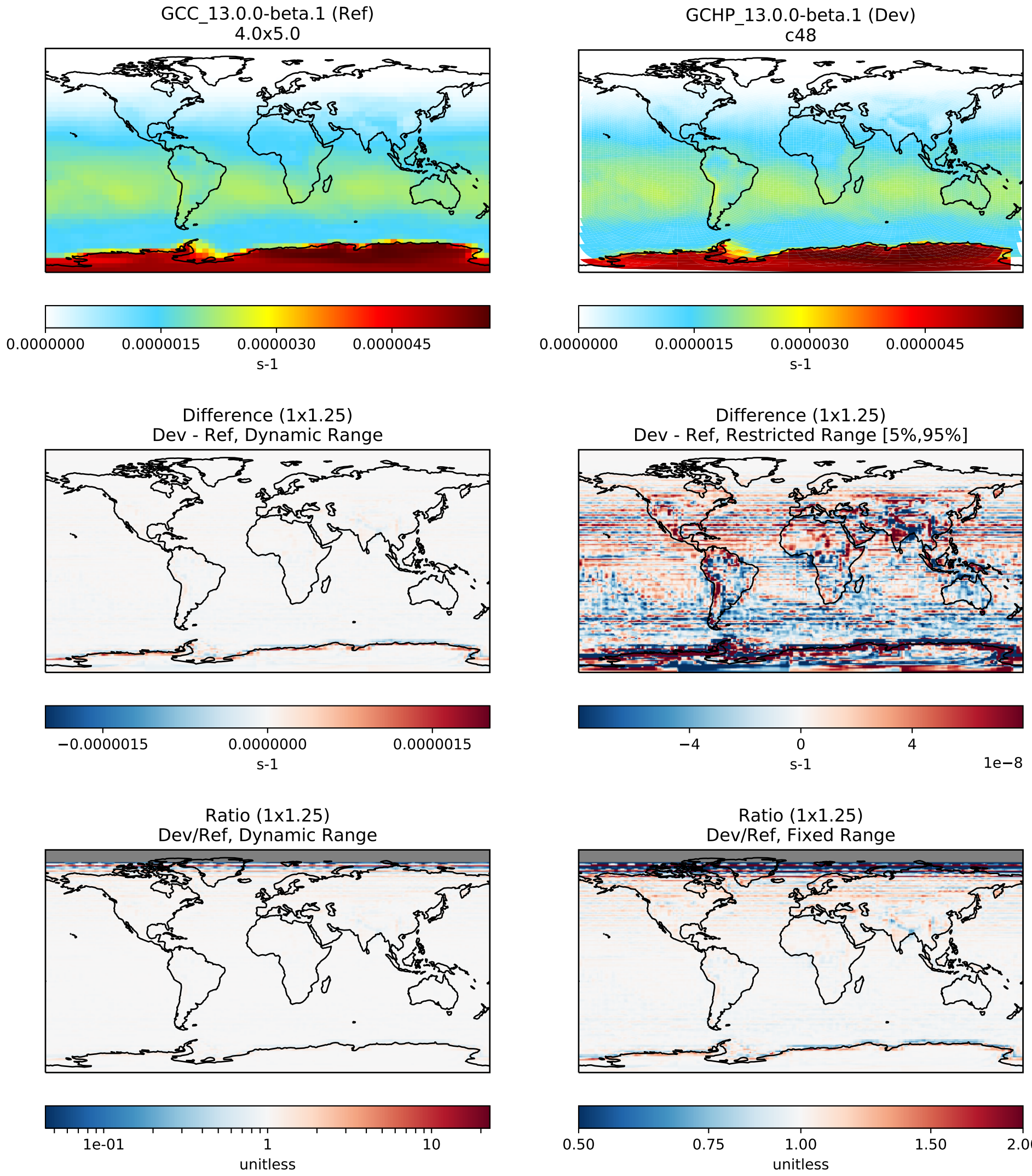
Jval_PYAC (Jan2019)



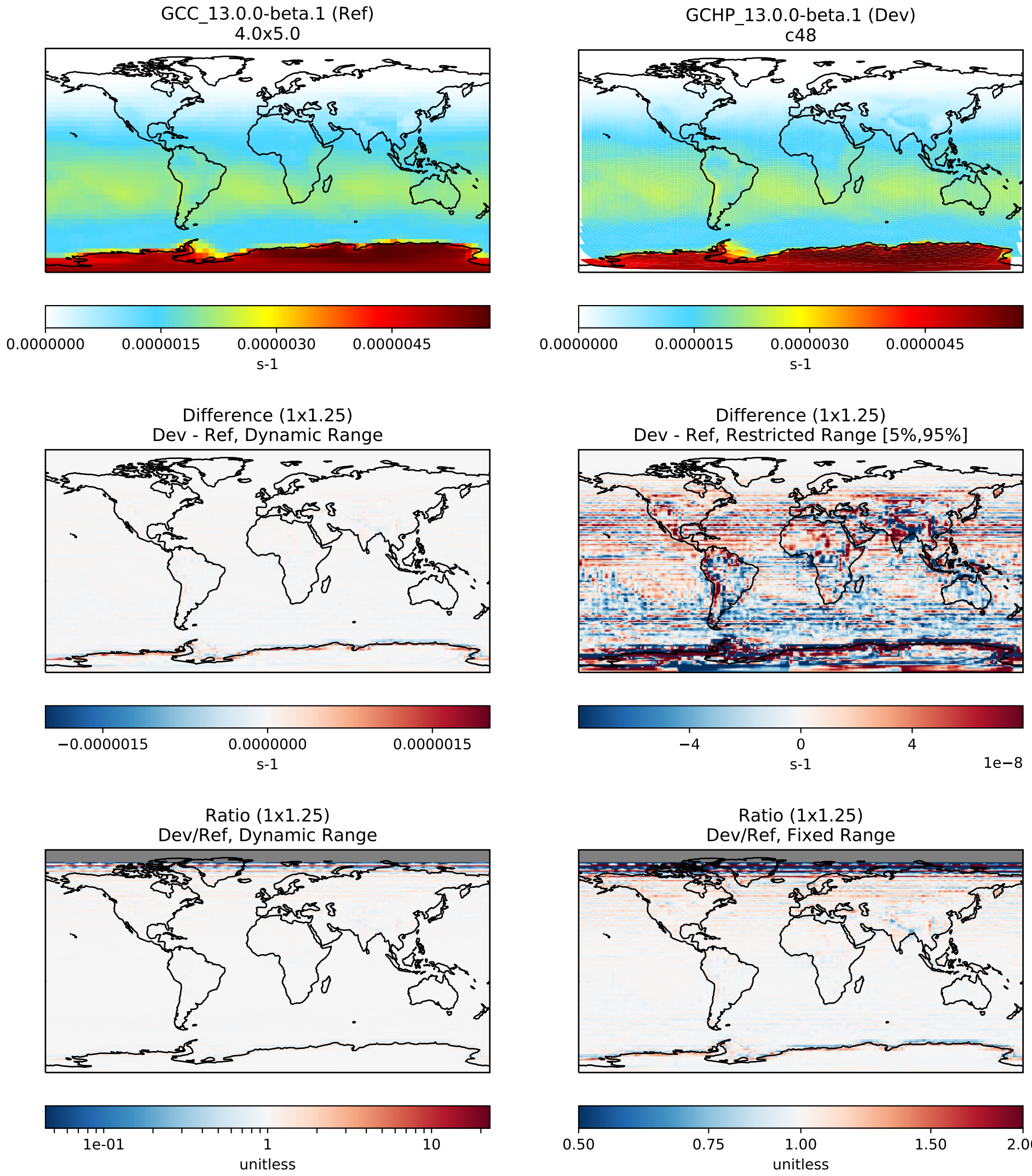
Jval_R4N2 (Jan2019)



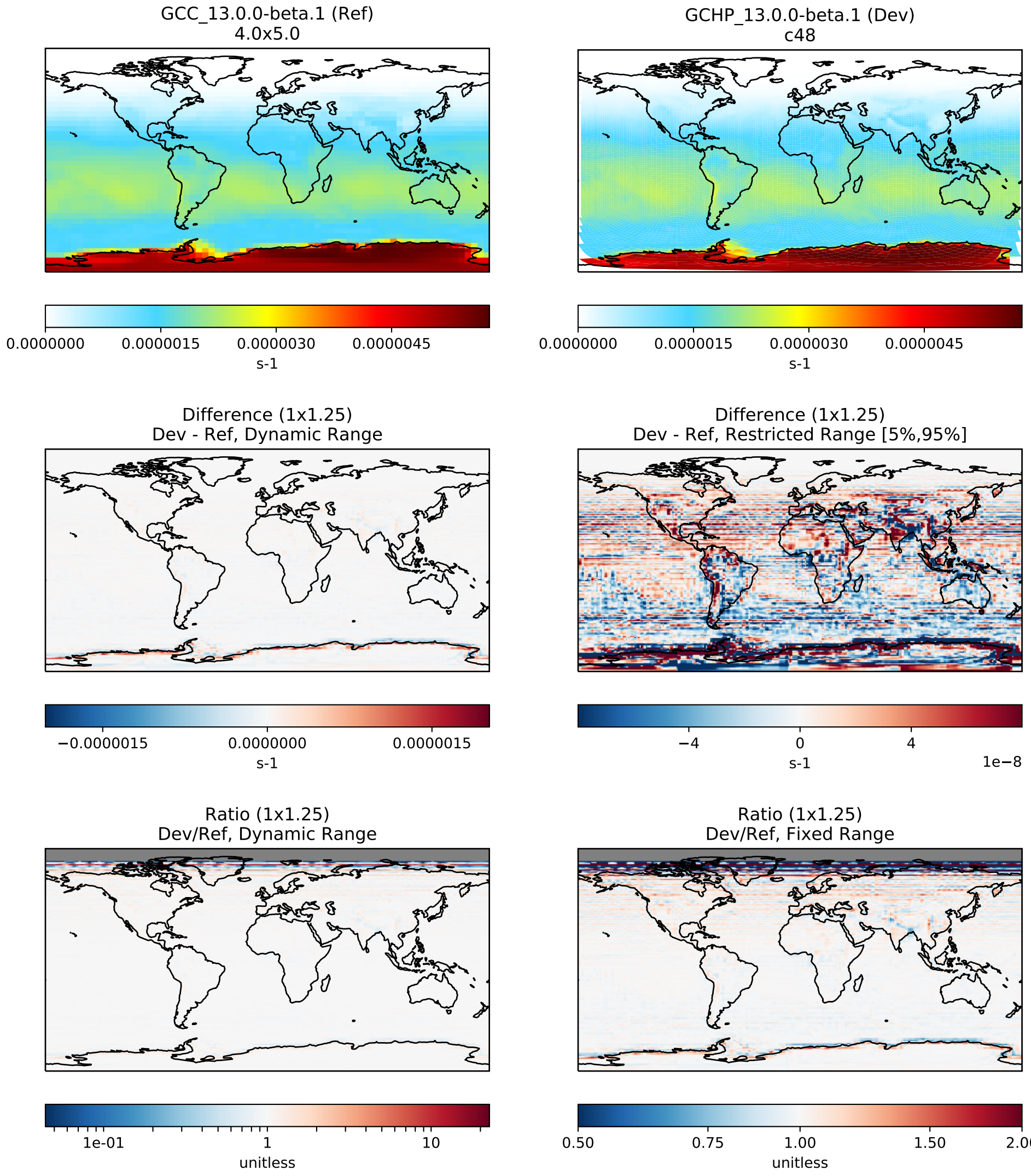
Jval_R4P (Jan2019)



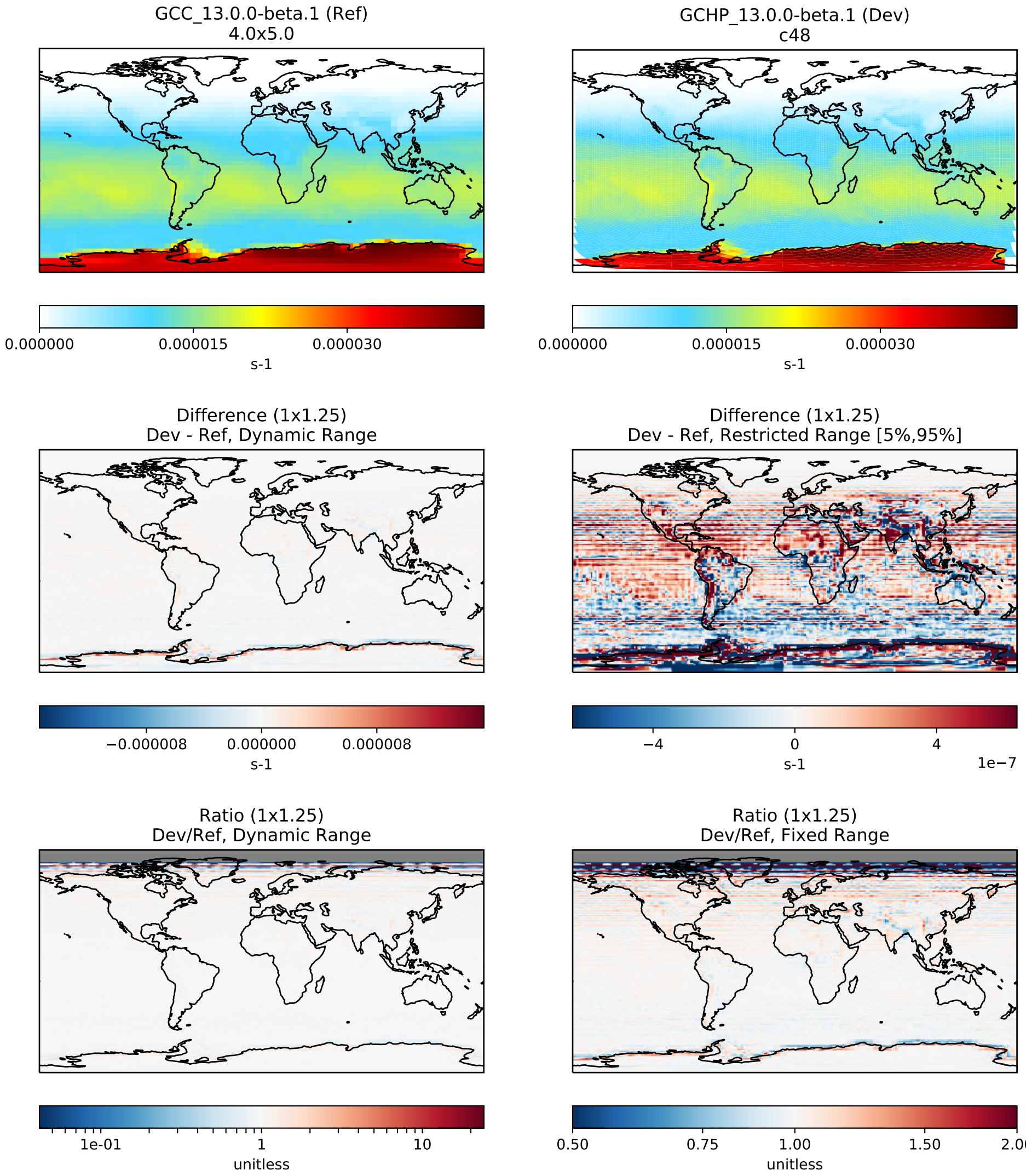
Jval_RA3P (Jan2019)



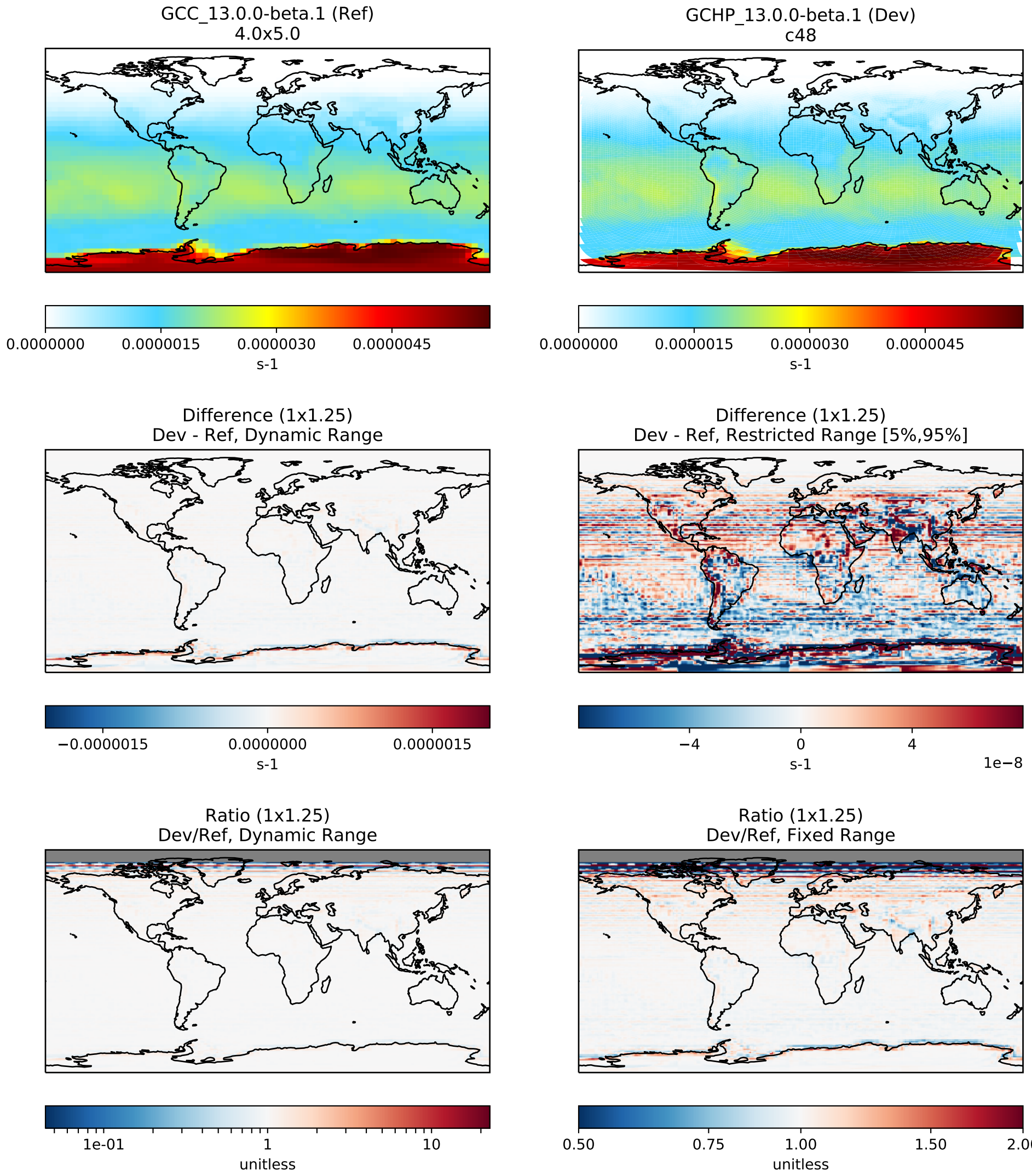
Jval_RB3P (Jan2019)



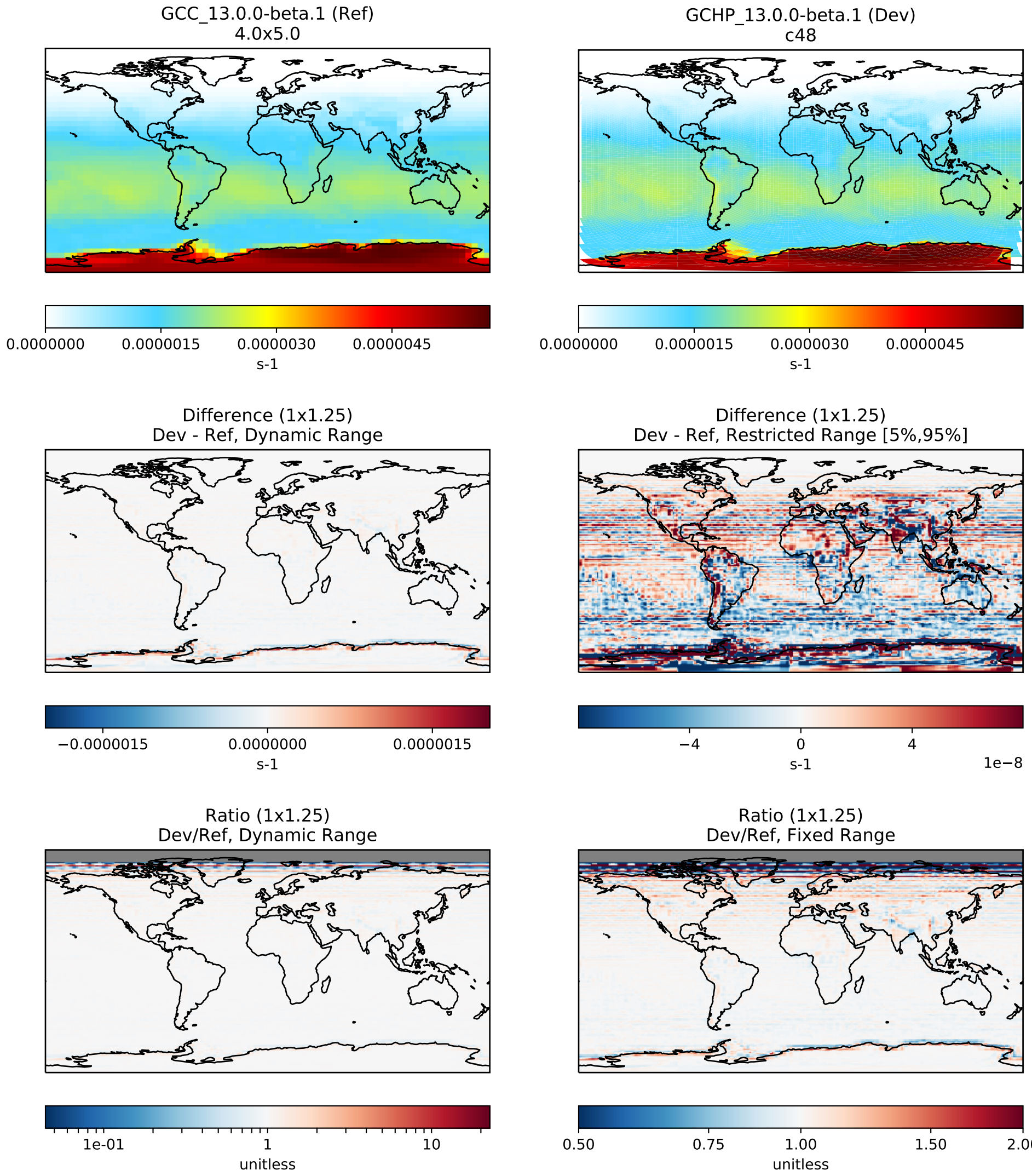
Jval_RCHO (Jan2019)



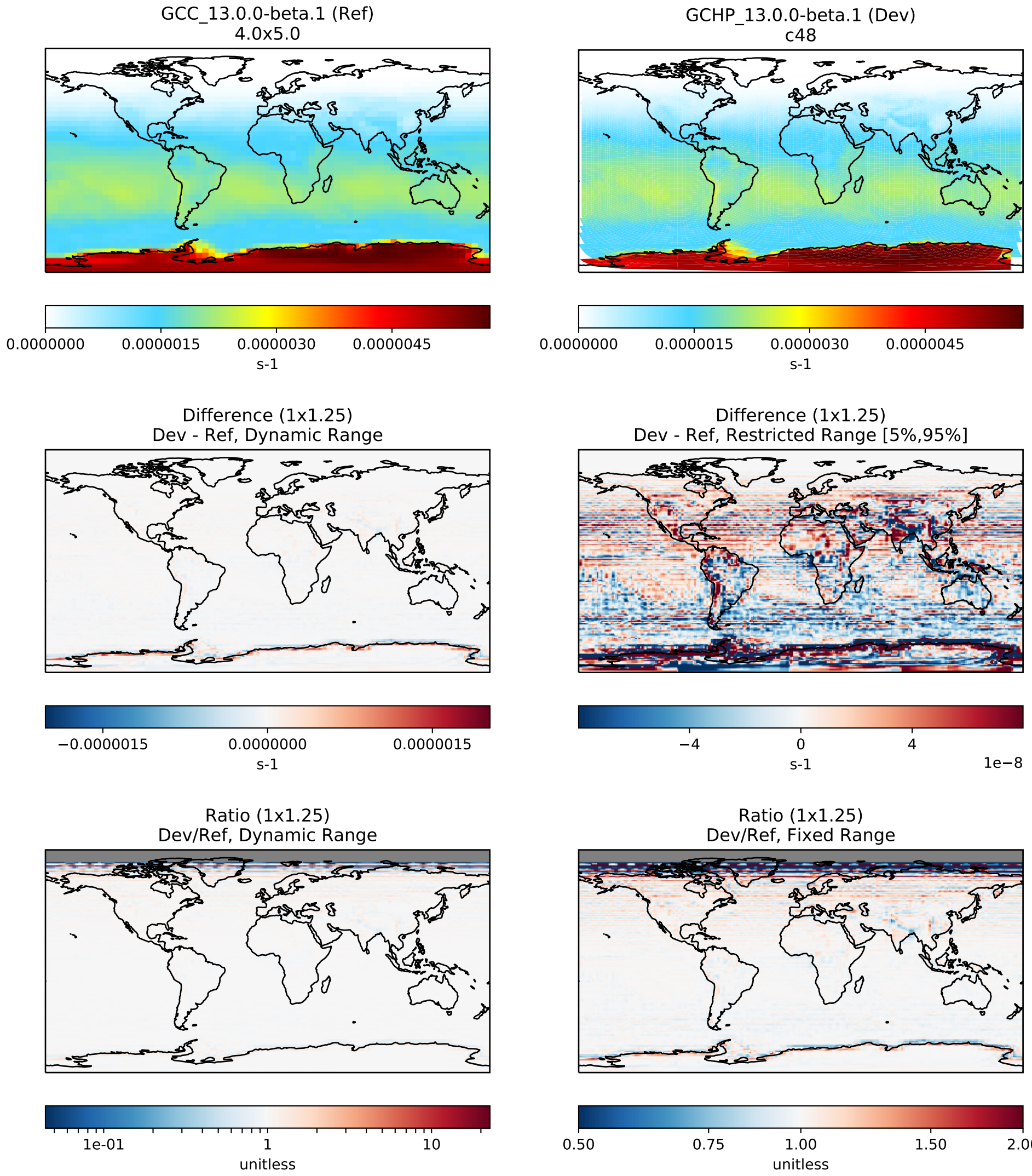
Jval_RIPA (Jan2019)



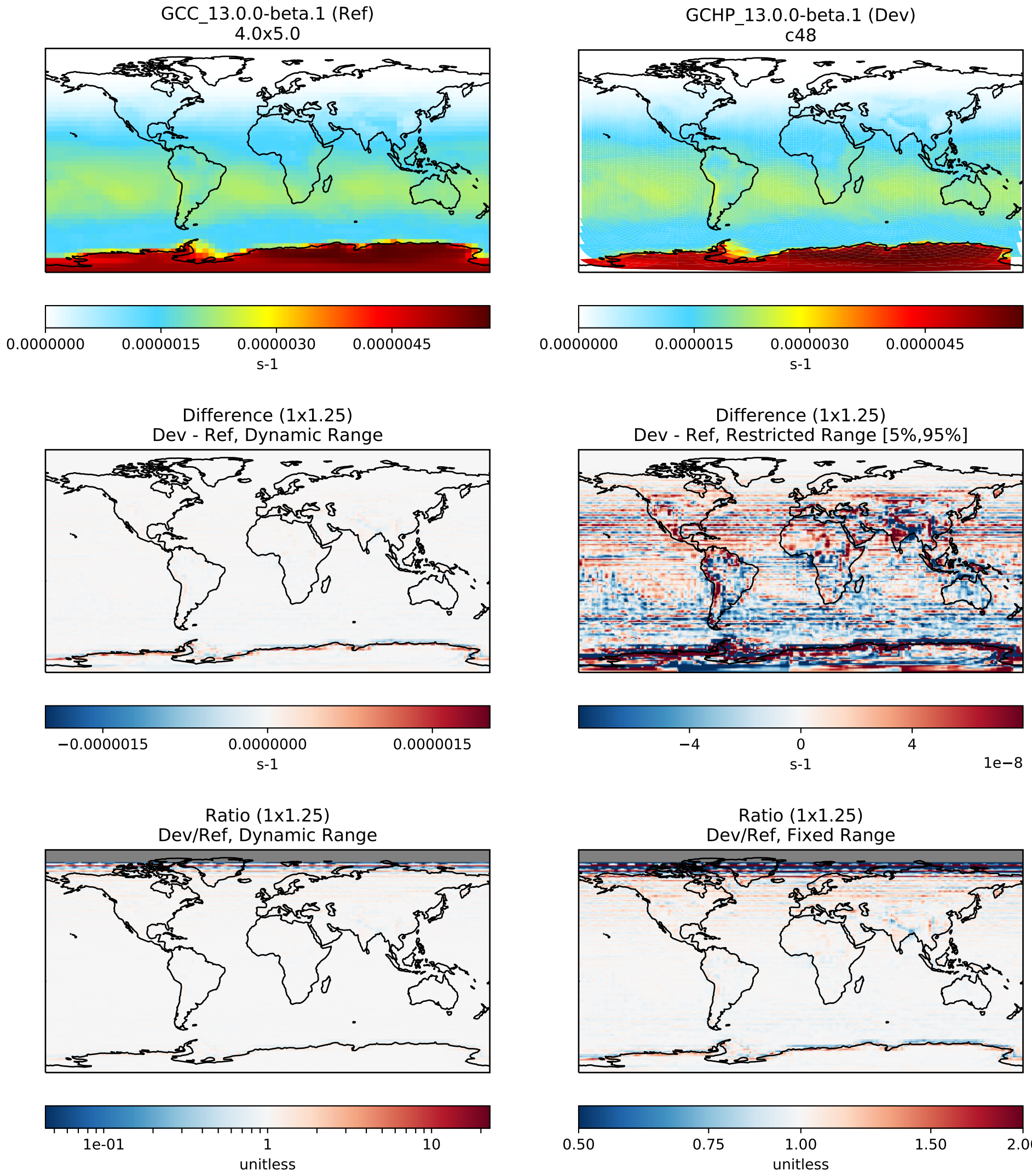
Jval_RIPB (Jan2019)



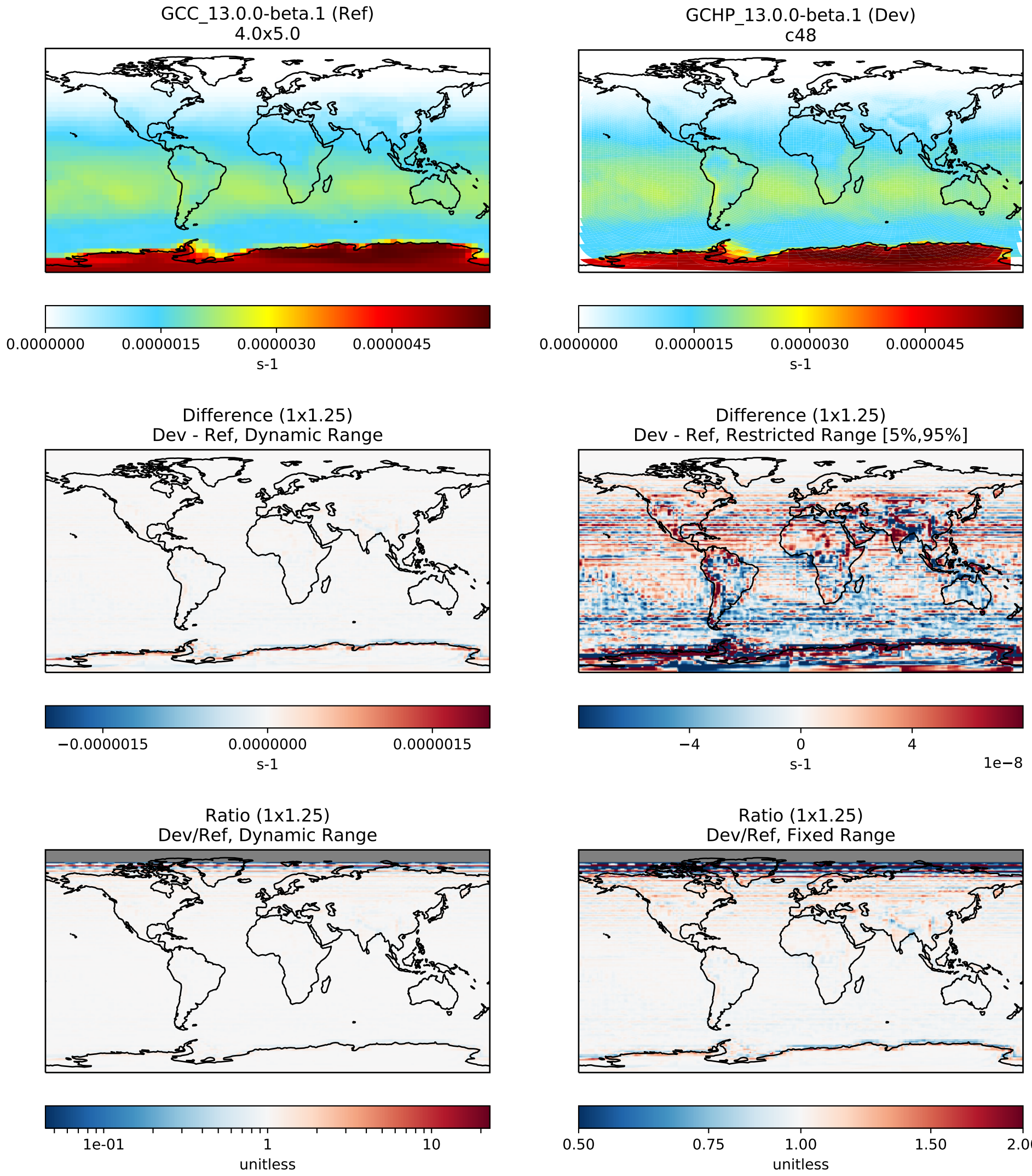
Jval_RIPC (Jan2019)



Jval_RIPD (Jan2019)

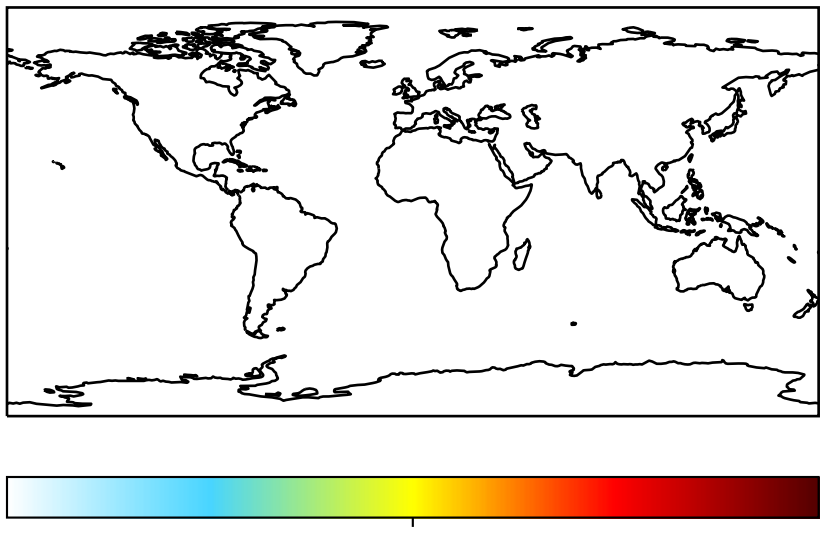


Jval_RP (Jan2019)

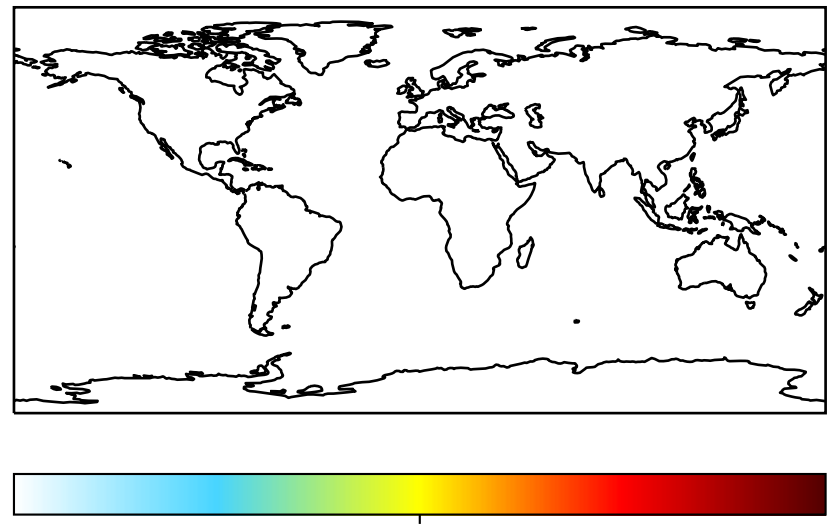


Jval_SO4 (Jan2019)

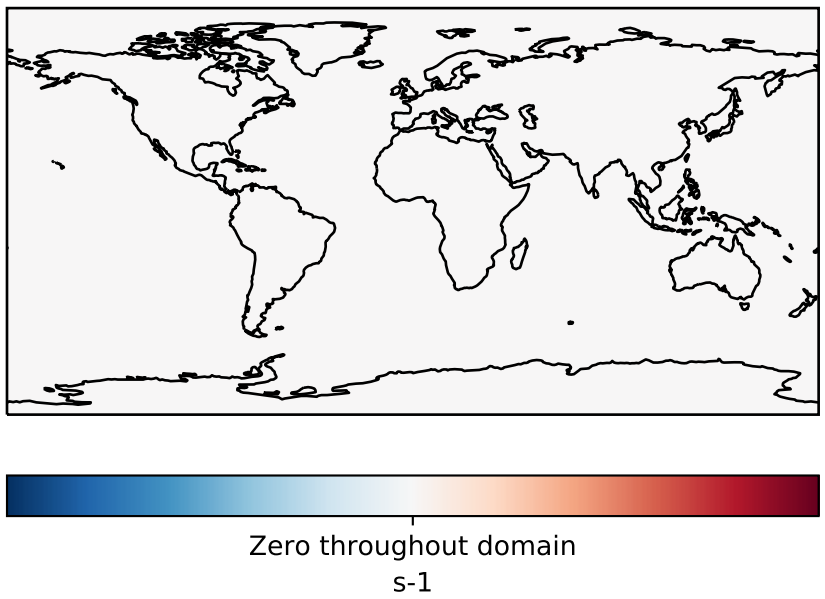
GCC_13.0.0-beta.1 (Ref)
4.0x5.0



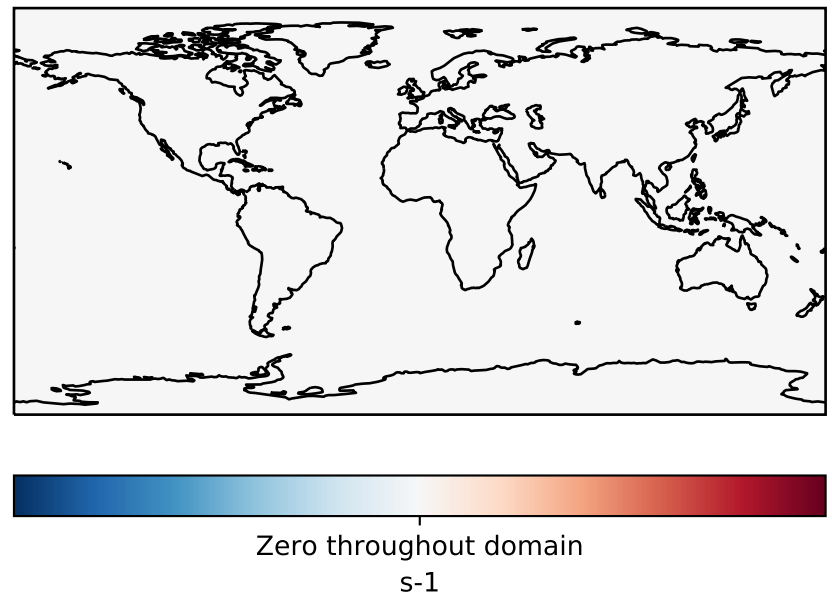
GCHP_13.0.0-beta.1 (Dev)
c48



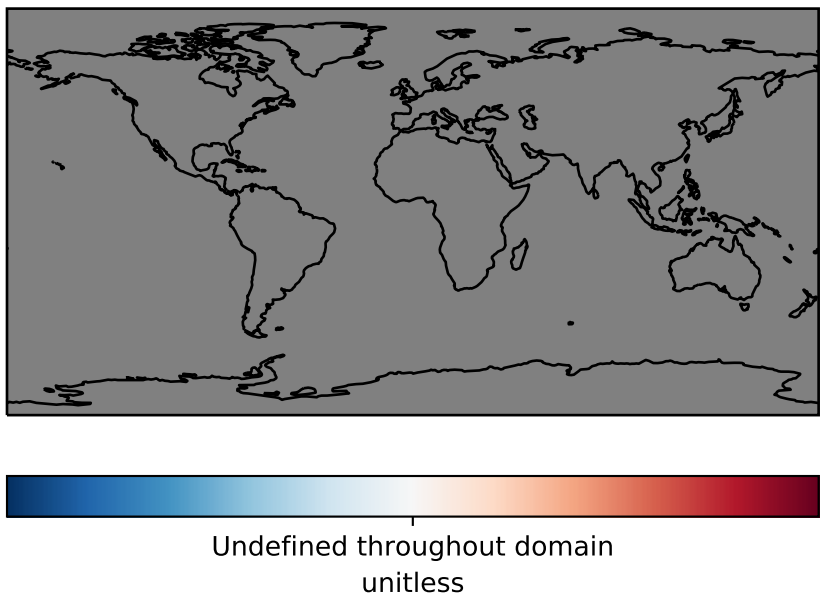
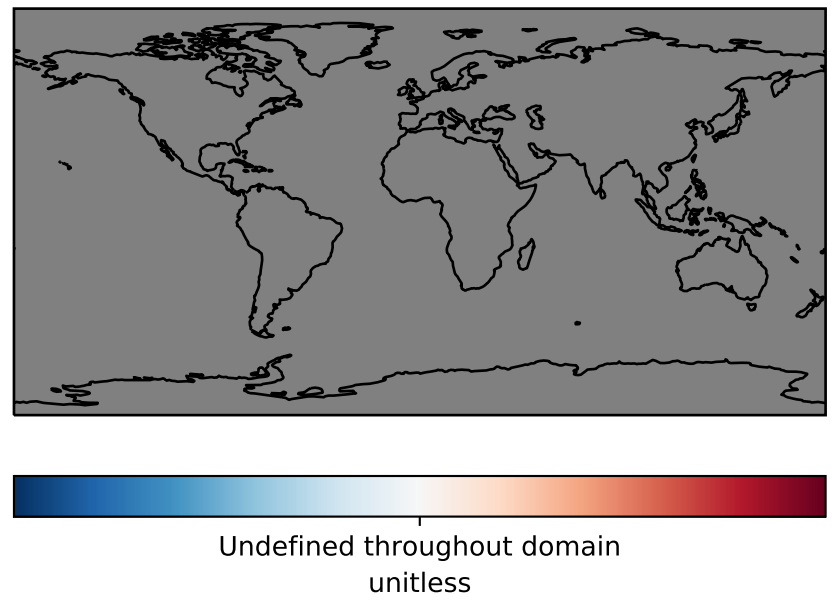
Difference (1x1.25)
Dev - Ref, Dynamic Range



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



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



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