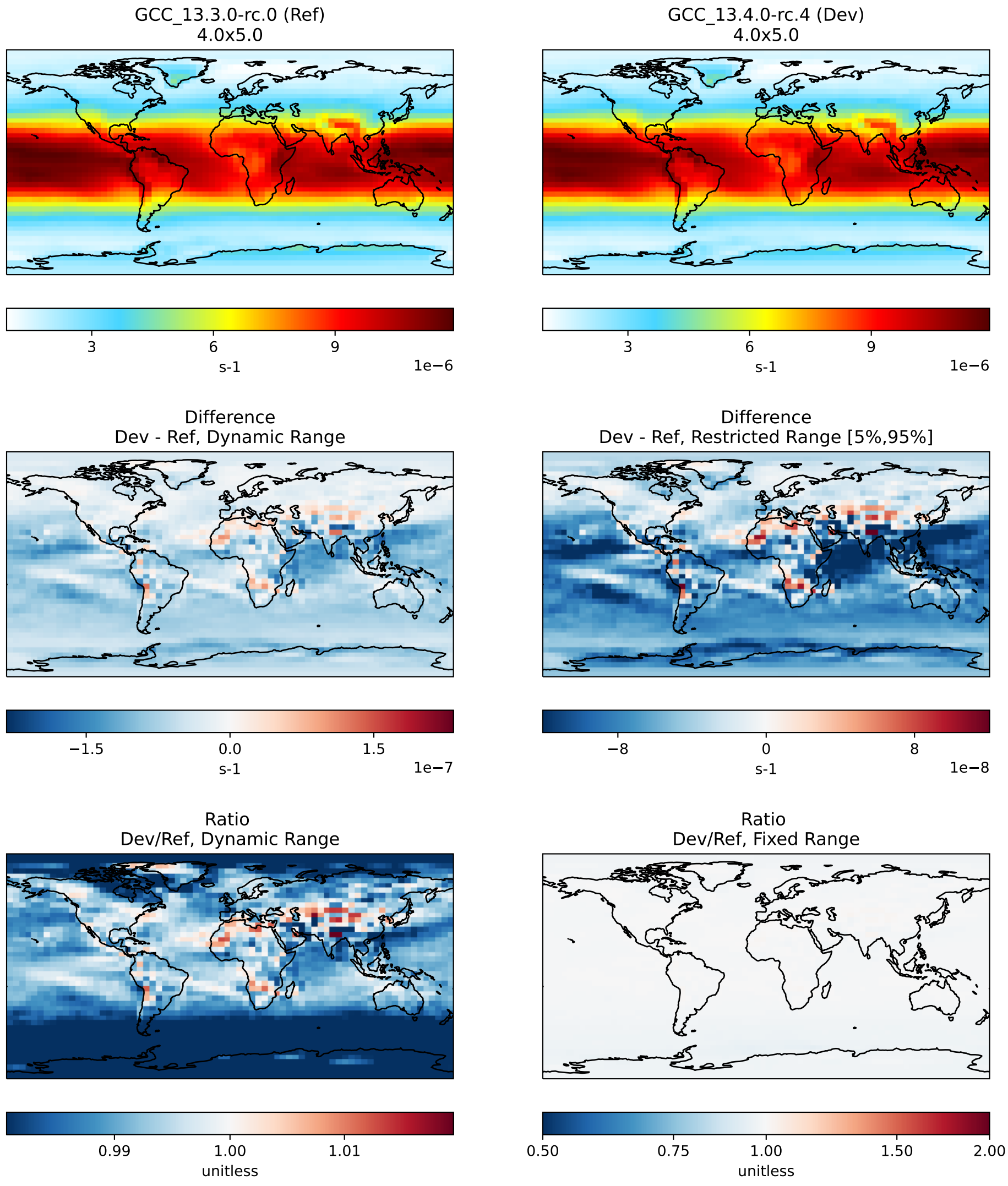
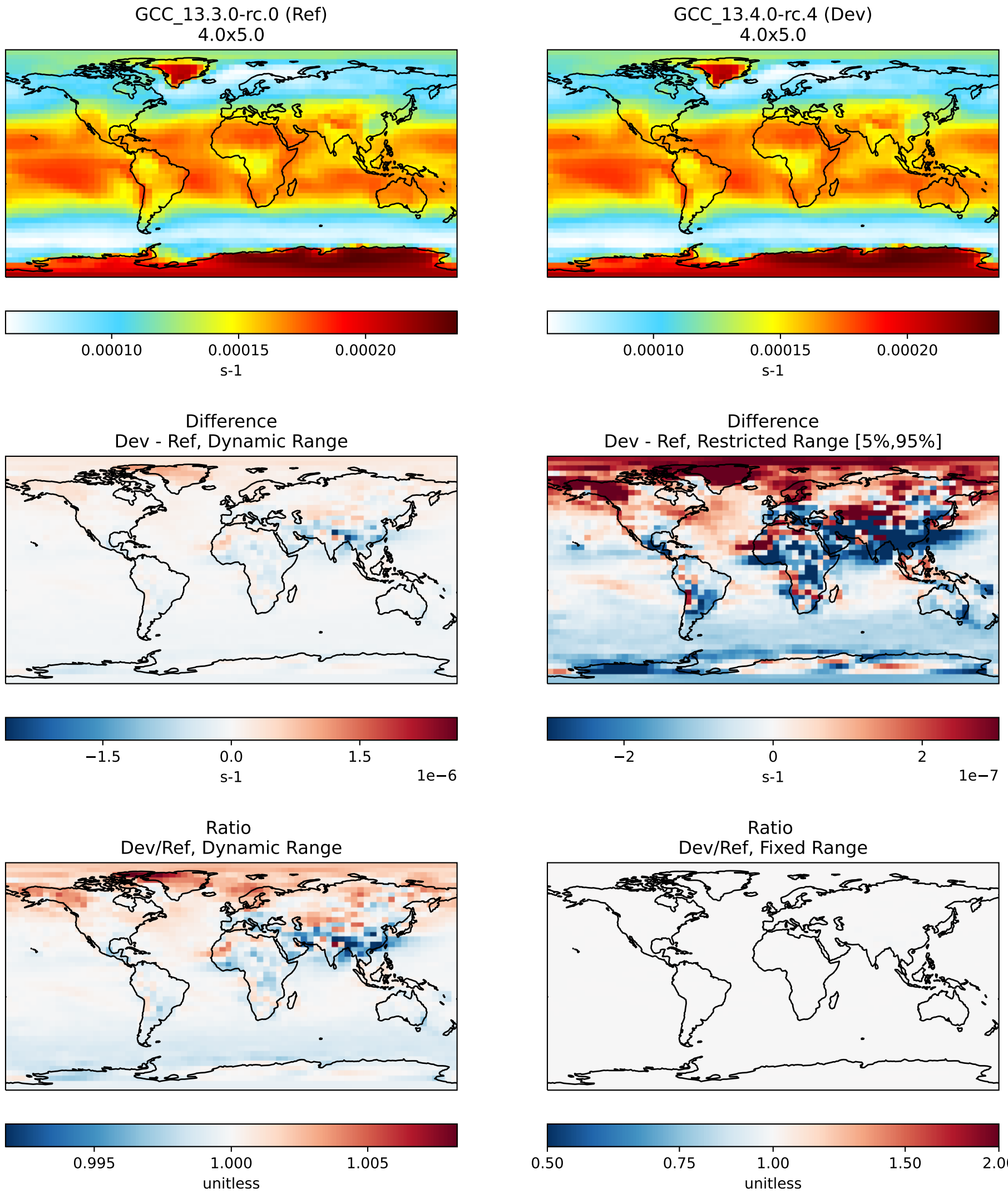
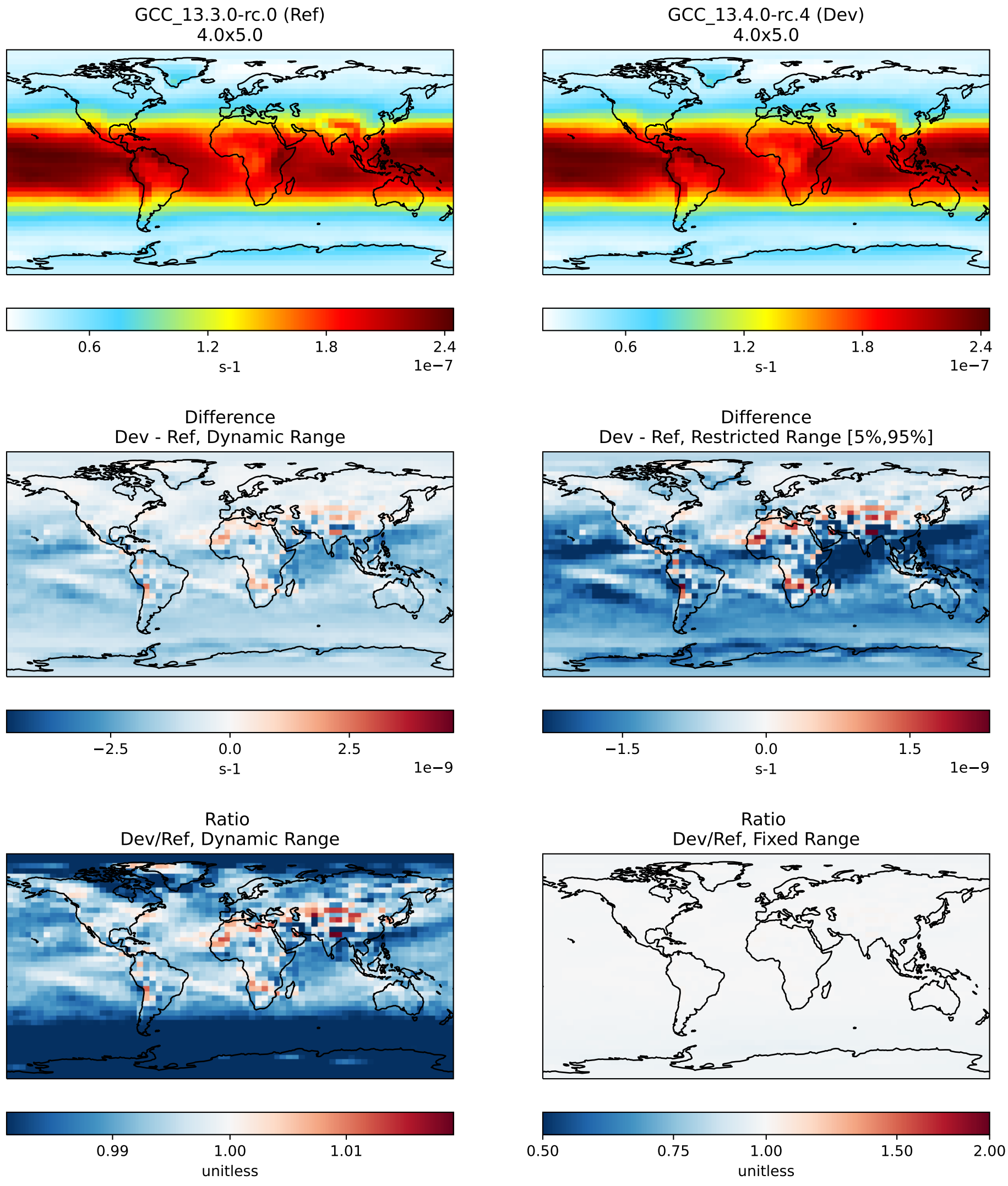
JvalO3O1D (AnnualMean)



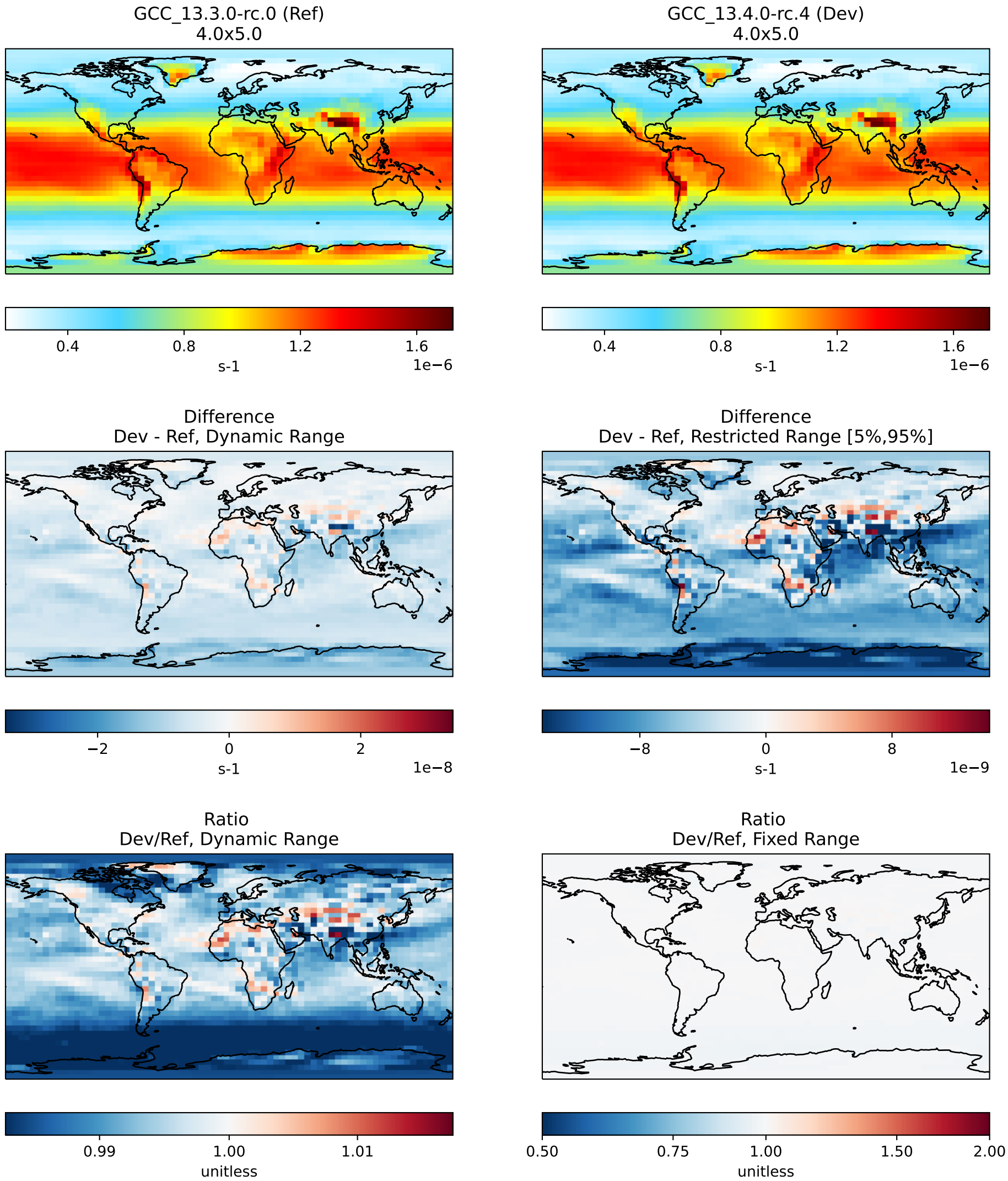
JvalO3O3P (AnnualMean)



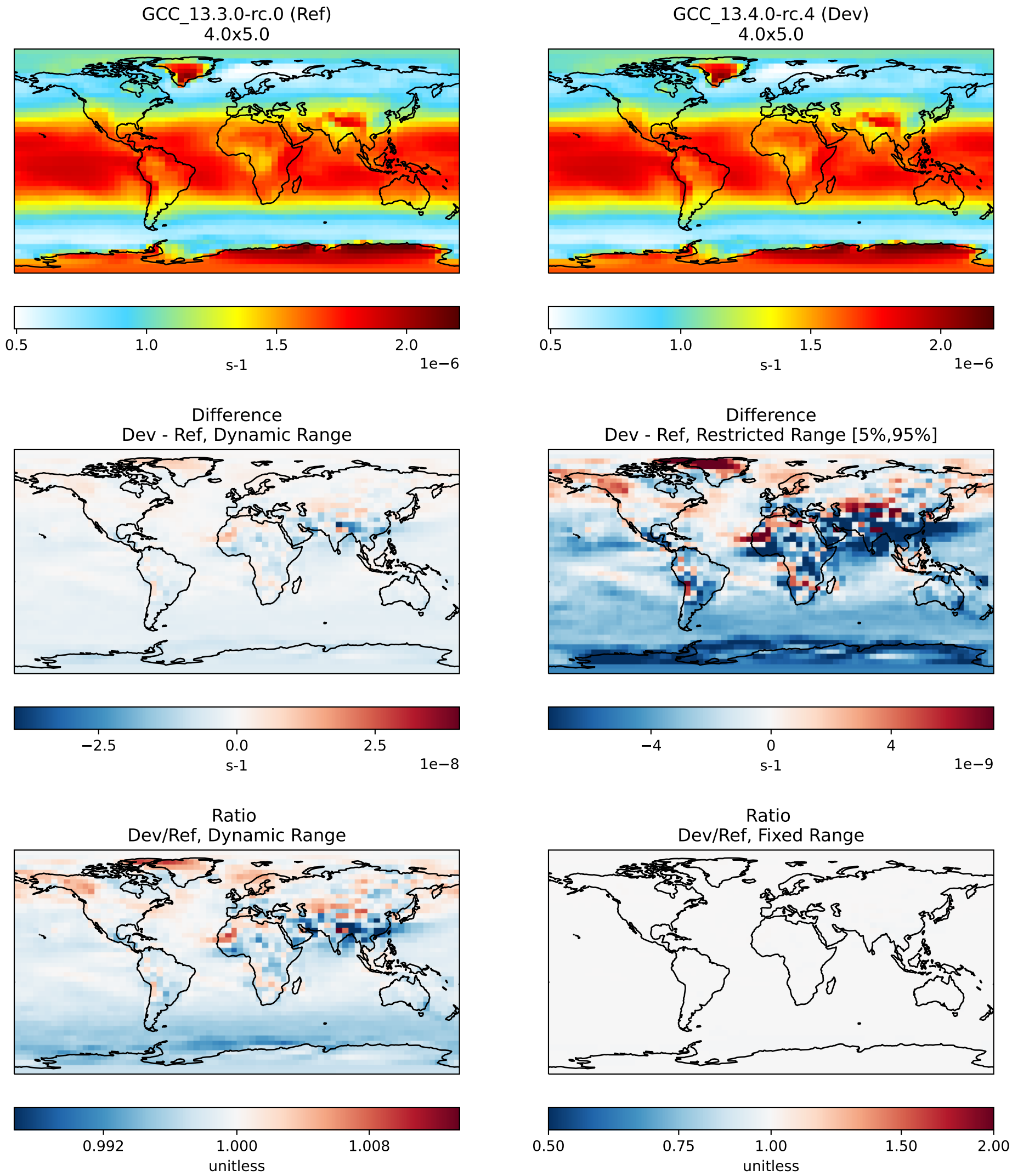
Jval_ACET (AnnualMean)



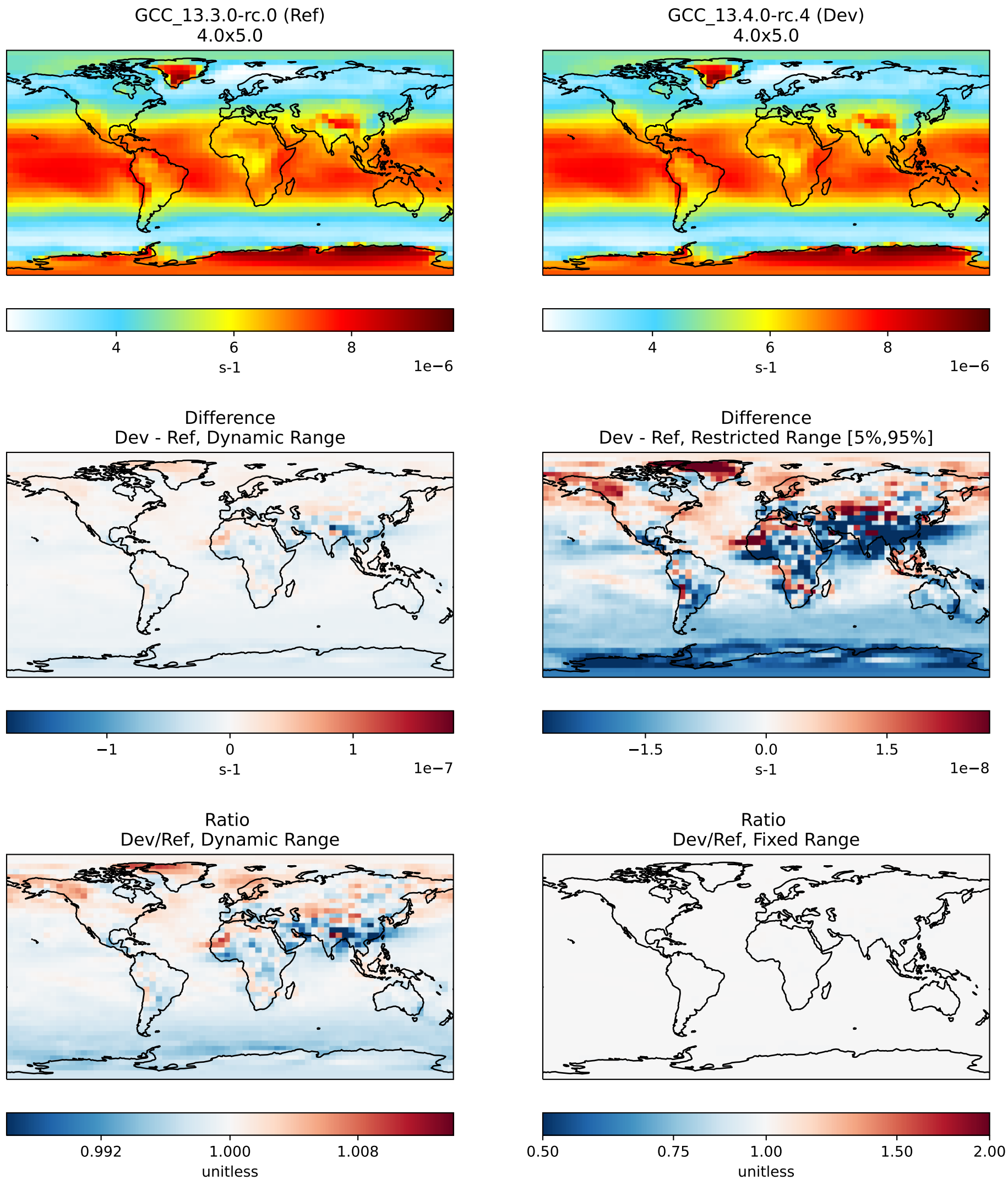
Jval_ALD2 (AnnualMean)



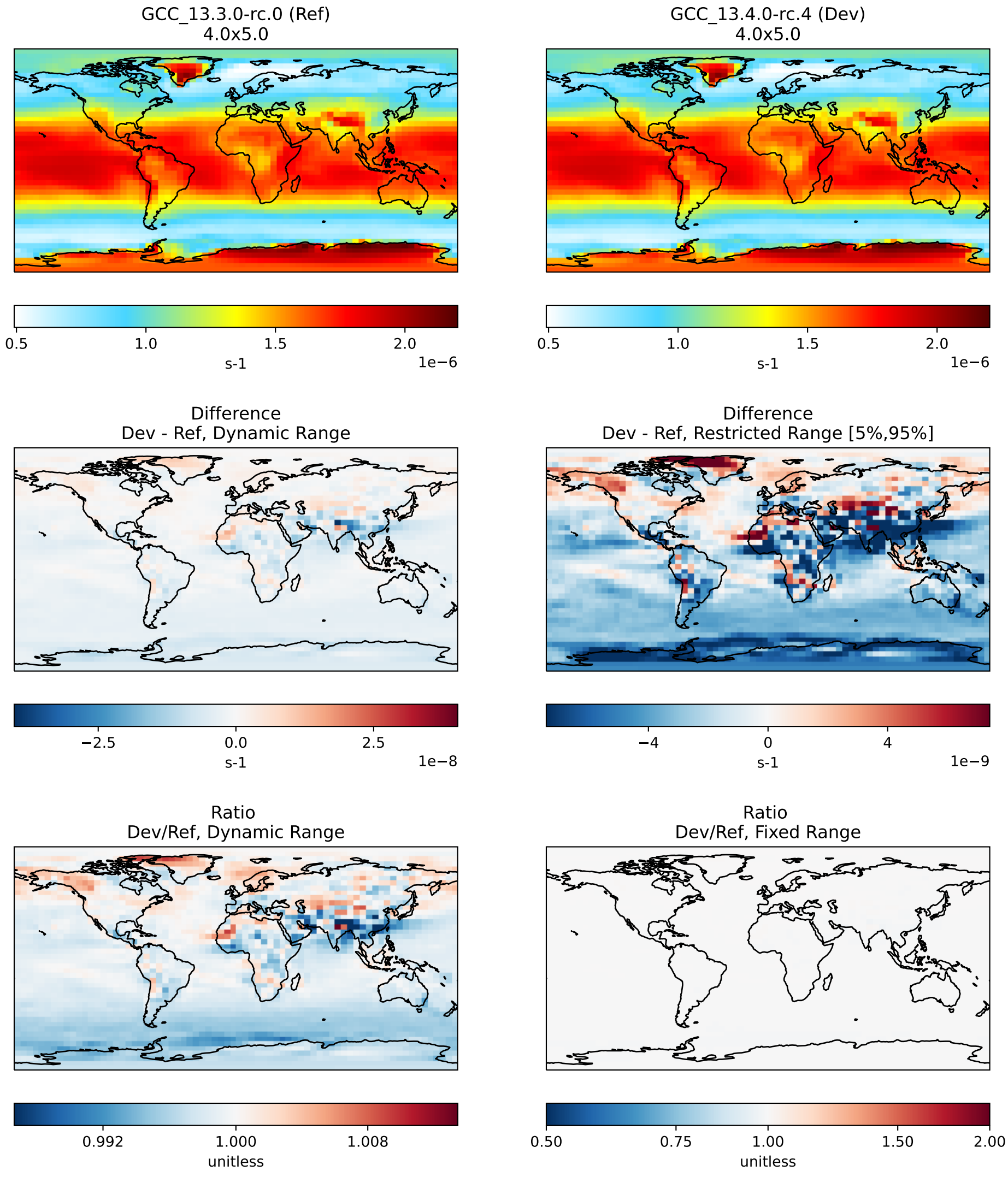
Jval_ATOOH (AnnualMean)



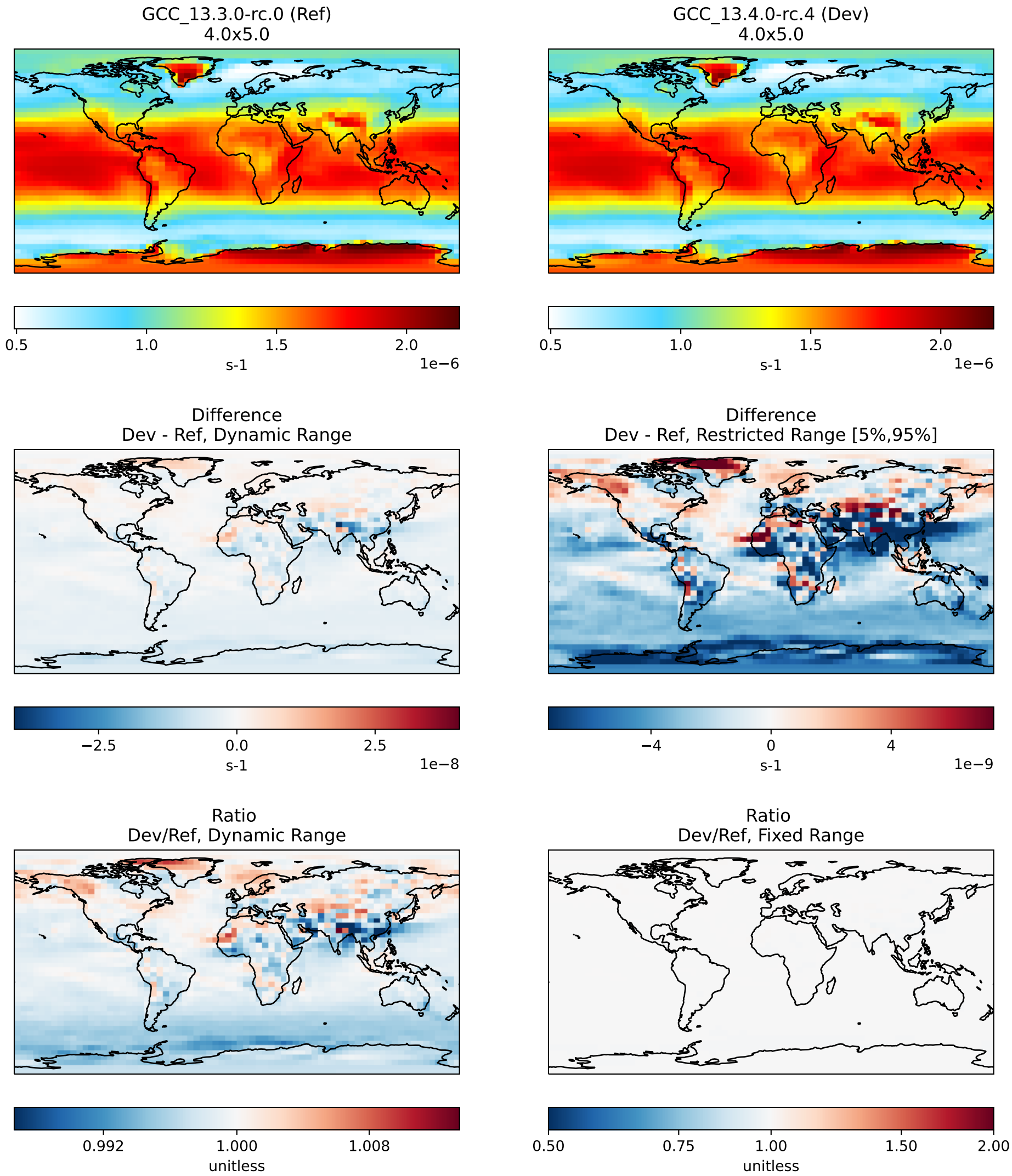
Jval_BALD (AnnualMean)



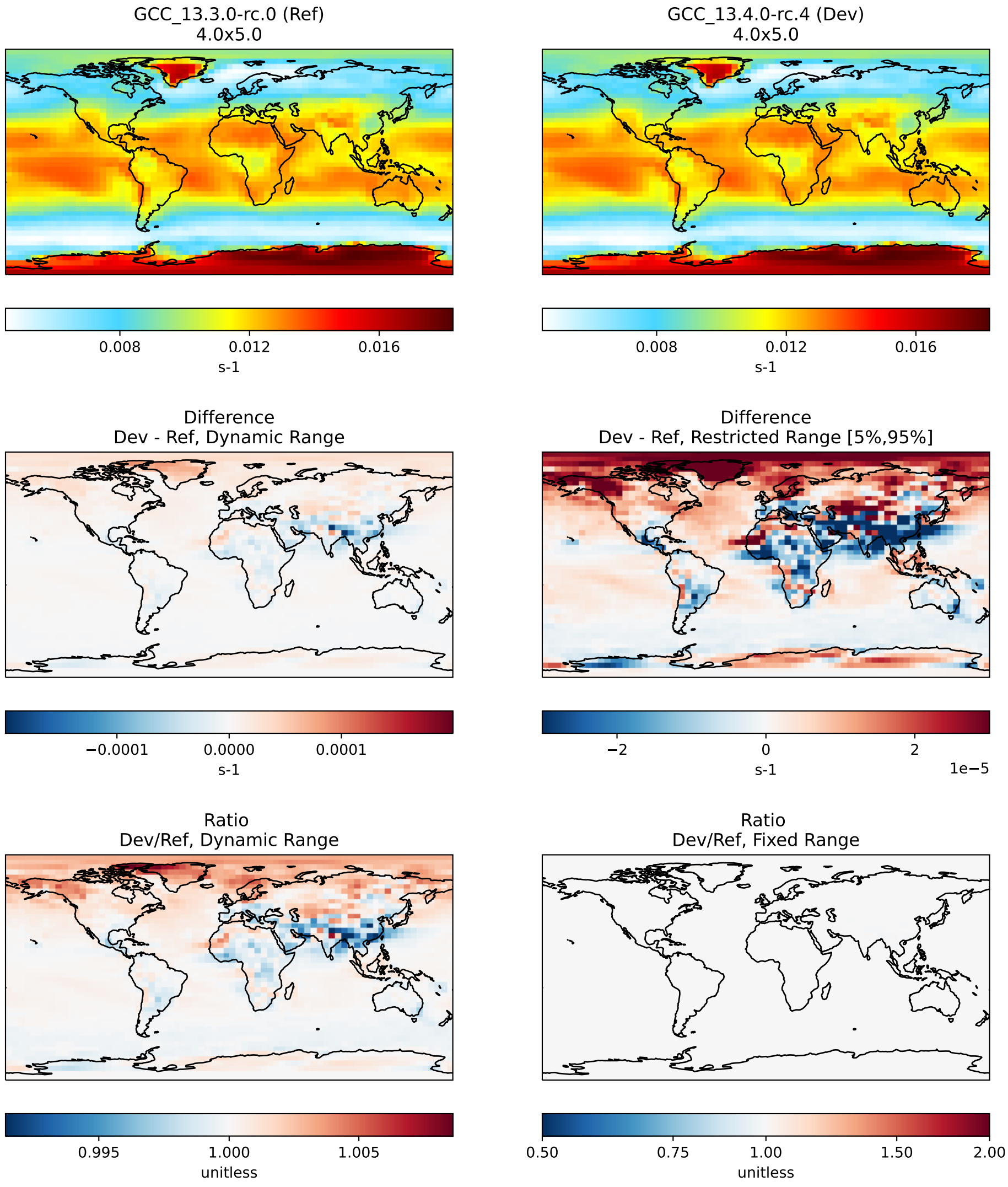
Jval_BENZP (AnnualMean)



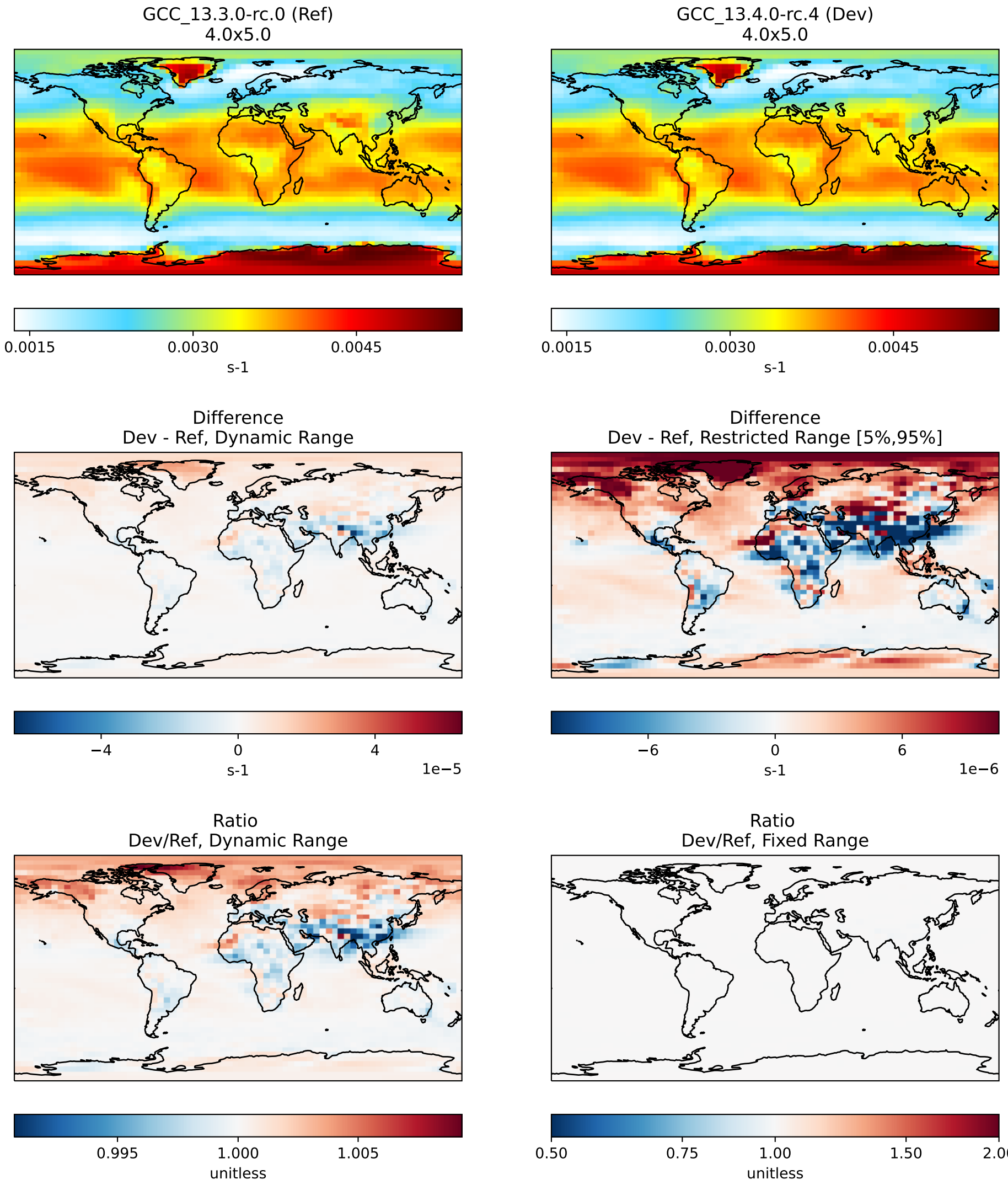
Jval_BZCO3H (AnnualMean)



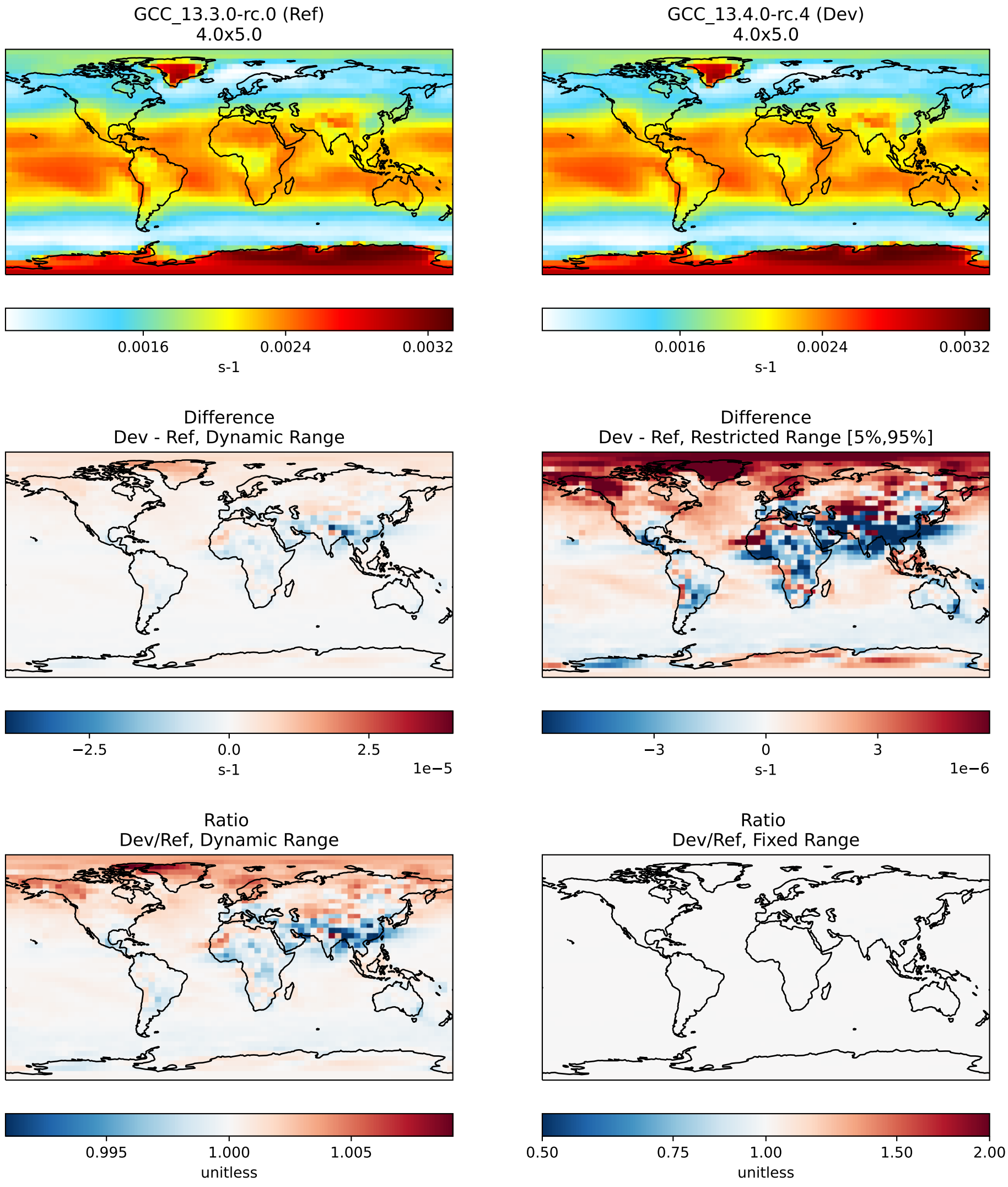
Jval_Br2 (AnnualMean)



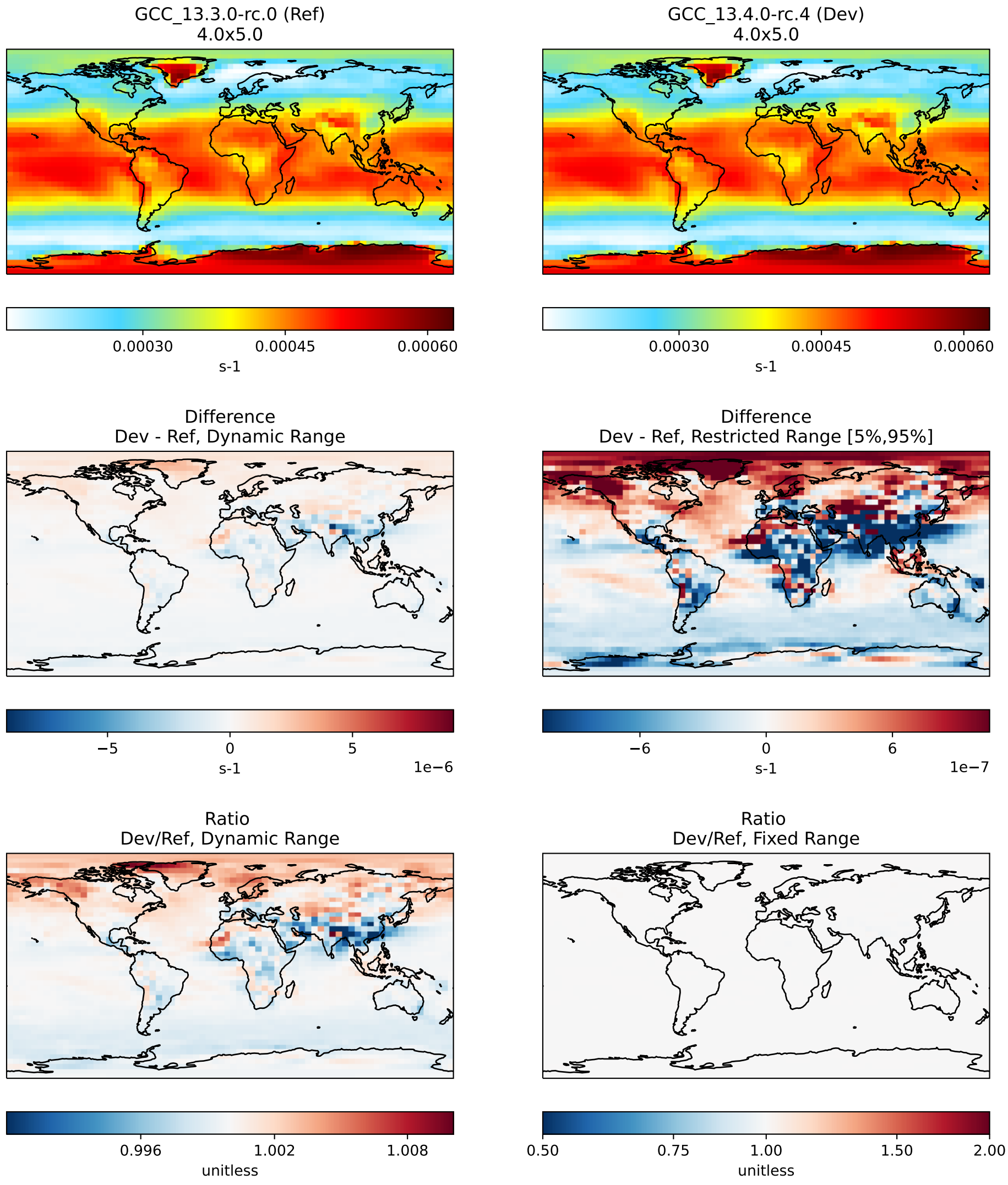
Jval_BrCl (AnnualMean)



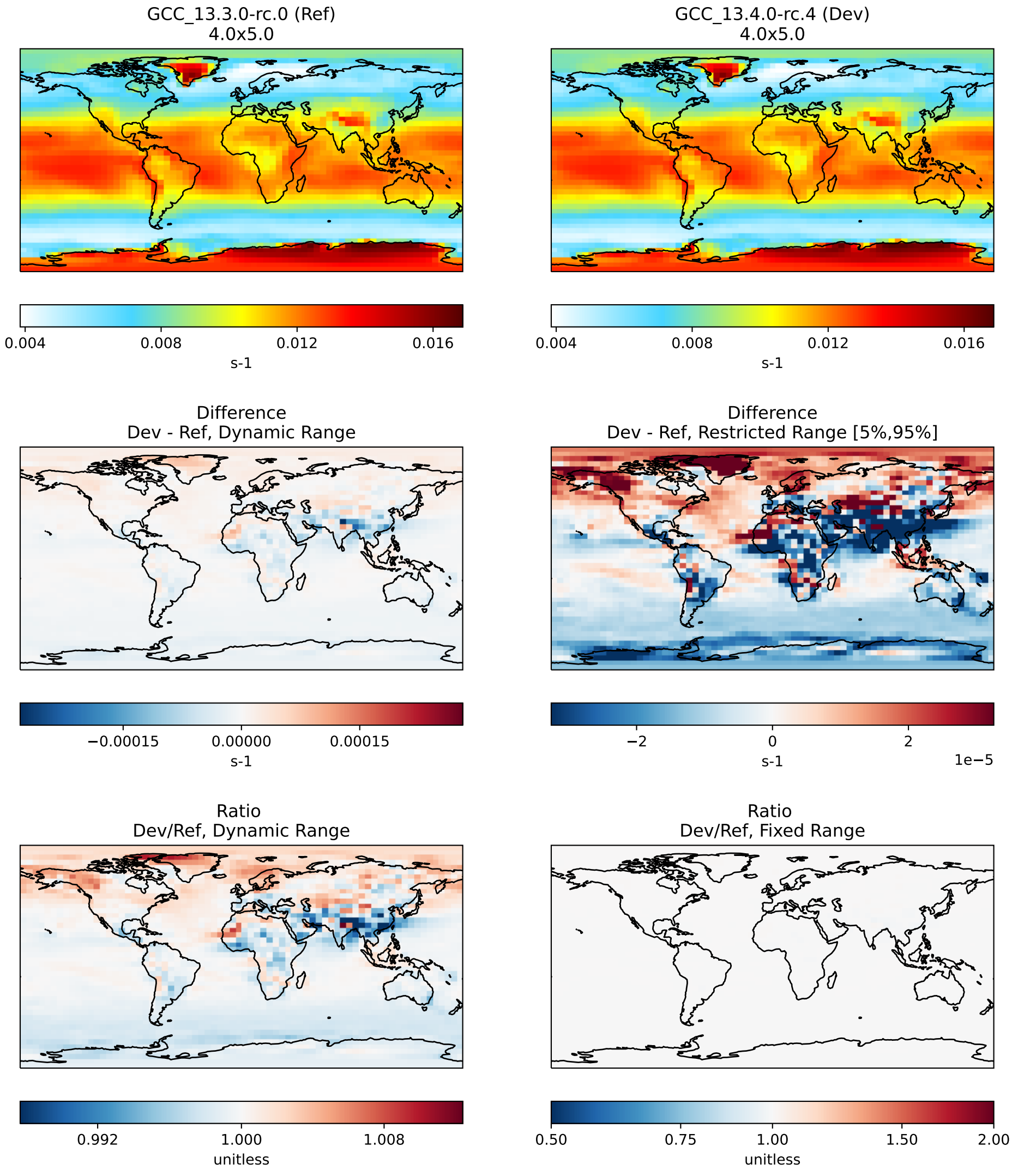
Jval_BrNO2 (AnnualMean)



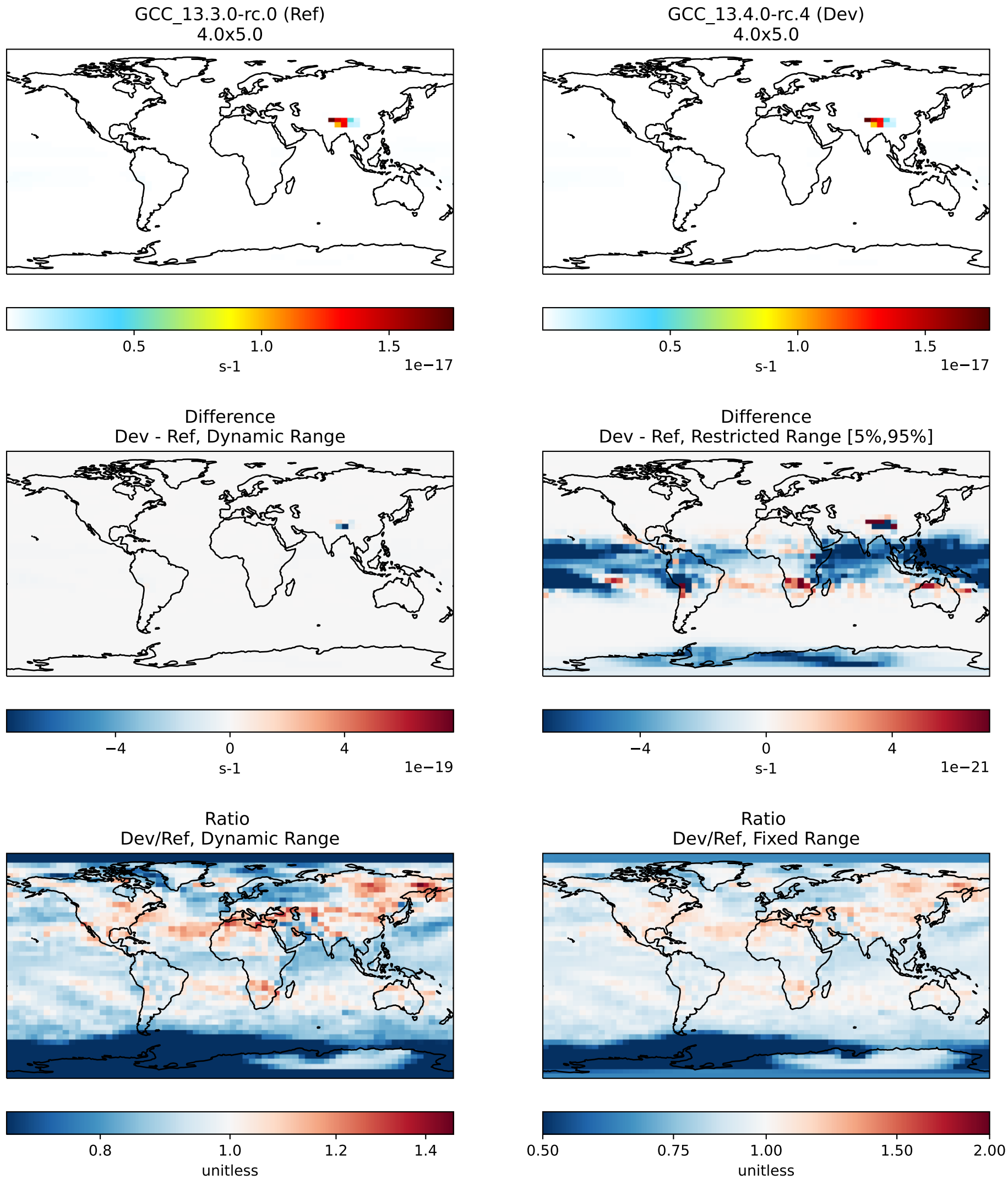
Jval_BrNO3 (AnnualMean)



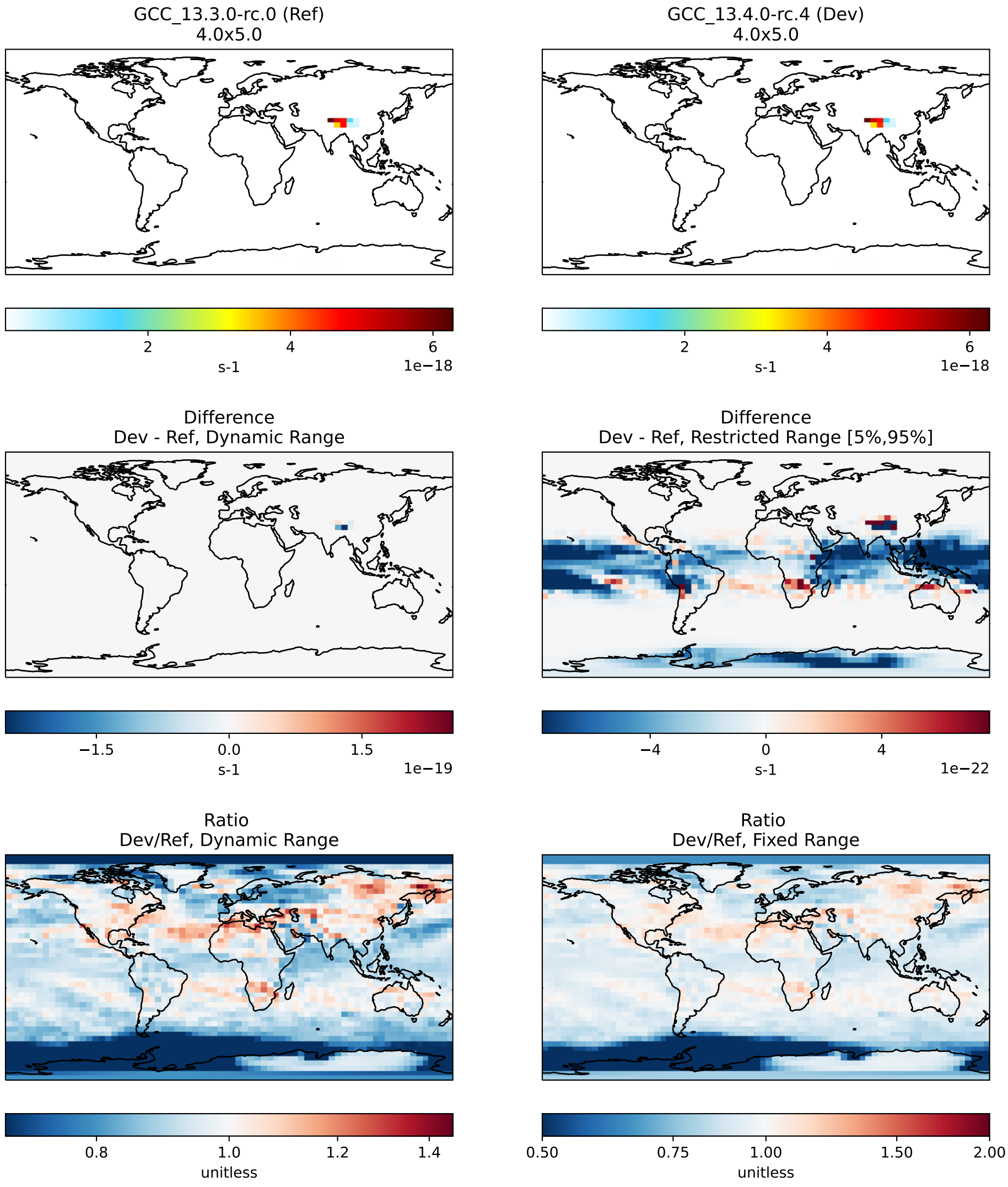
Jval_BrO (AnnualMean)



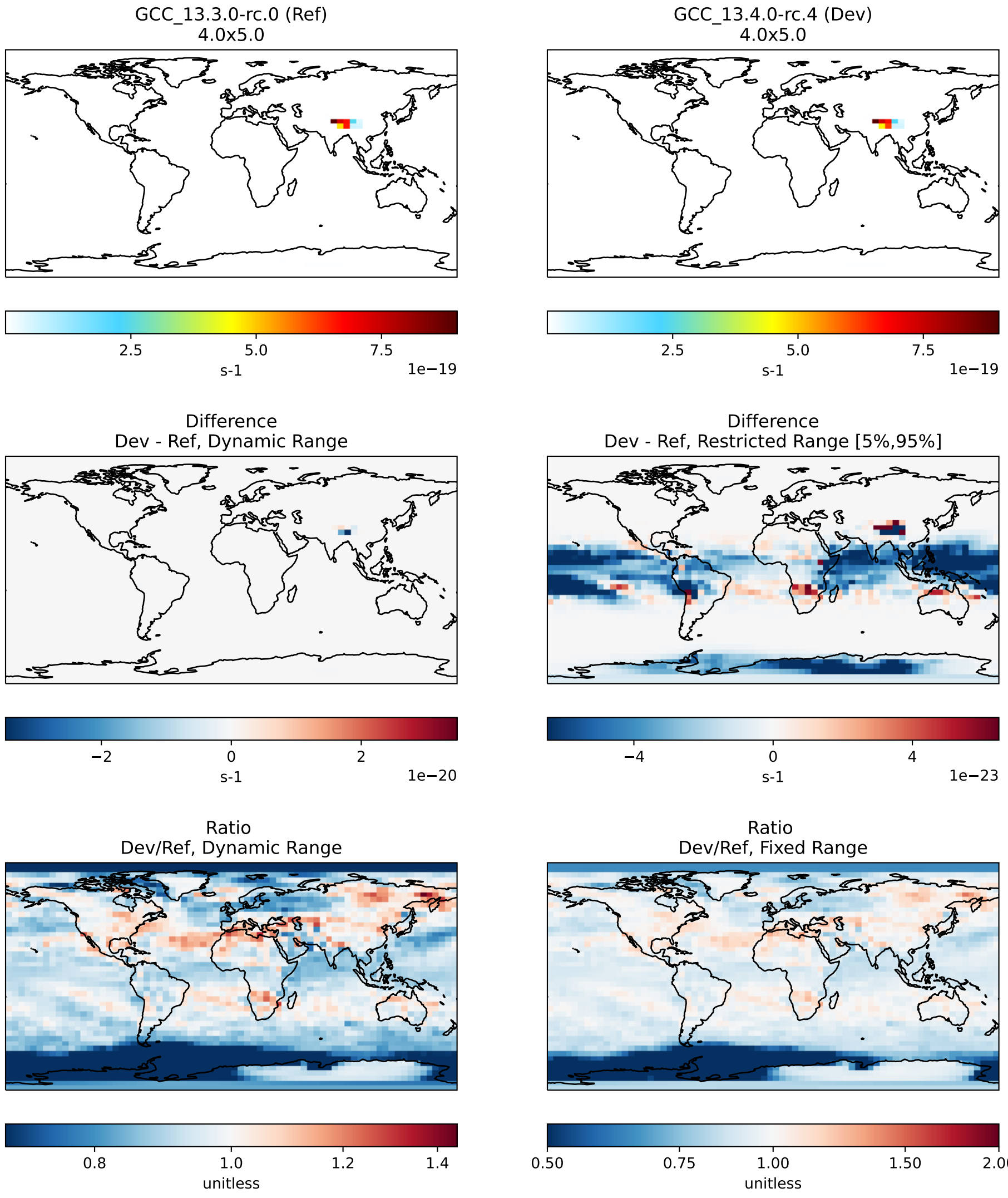
Jval_CCl4 (AnnualMean)



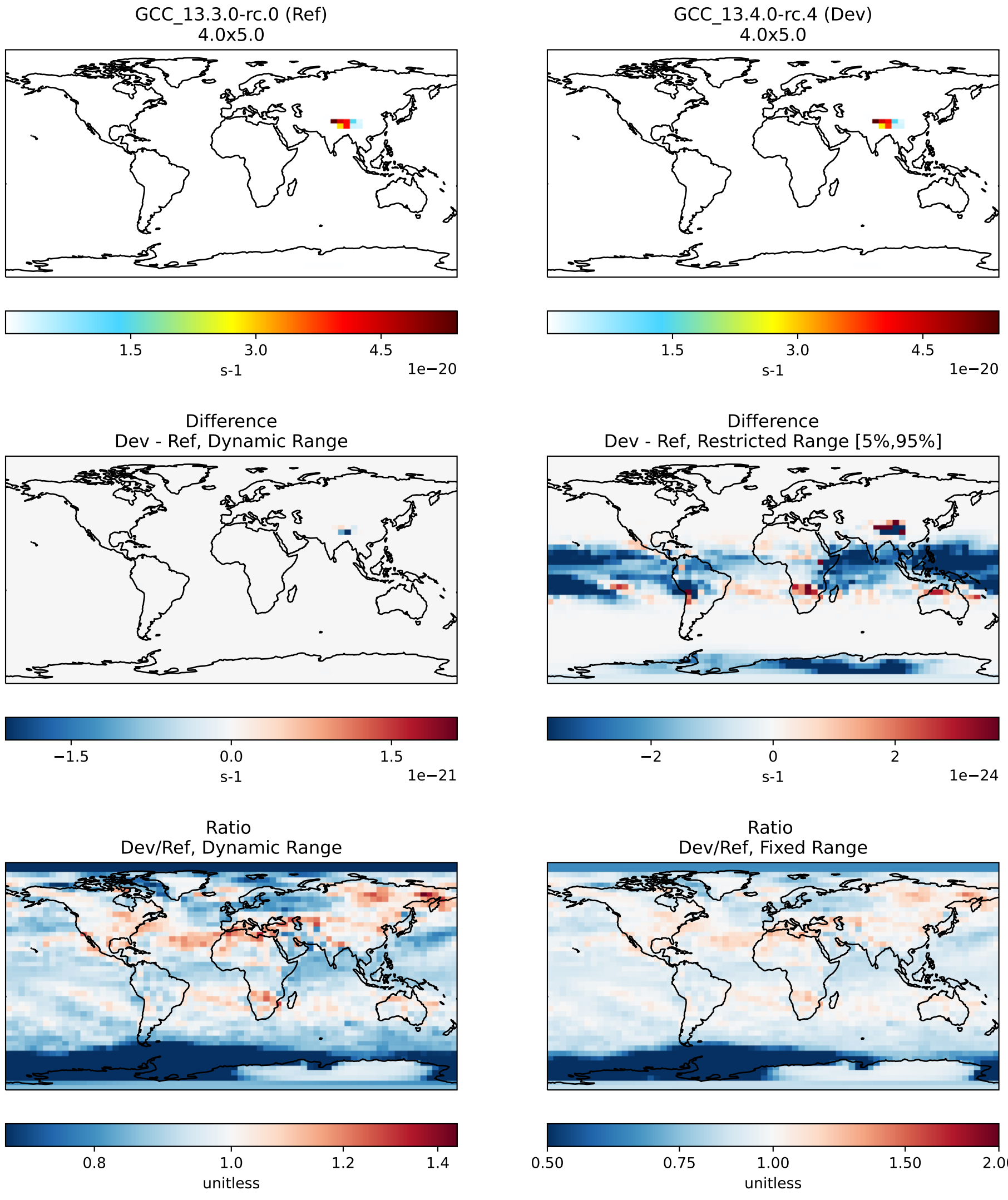
Jval_CFC11 (AnnualMean)



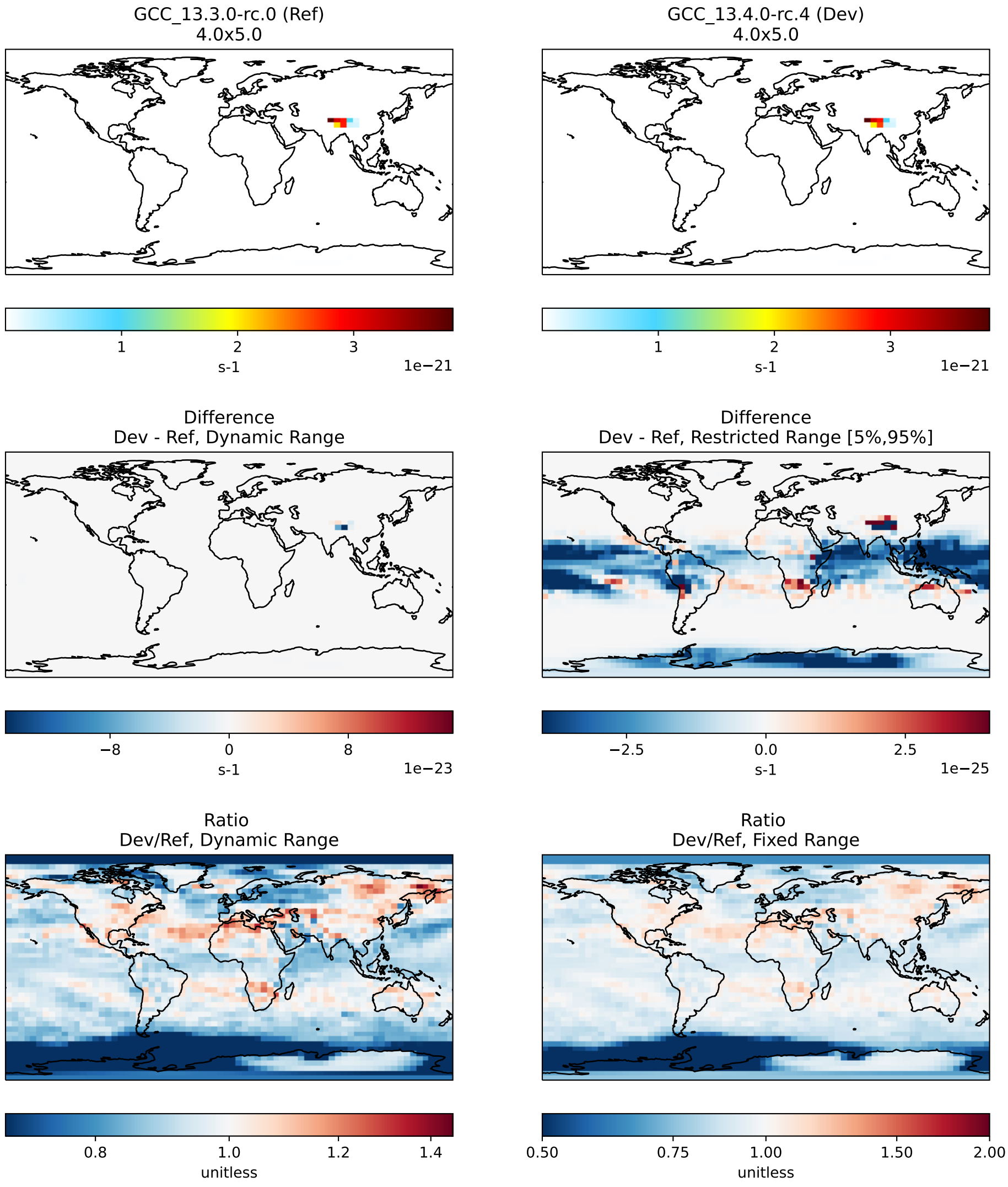
Jval_CFC113 (AnnualMean)



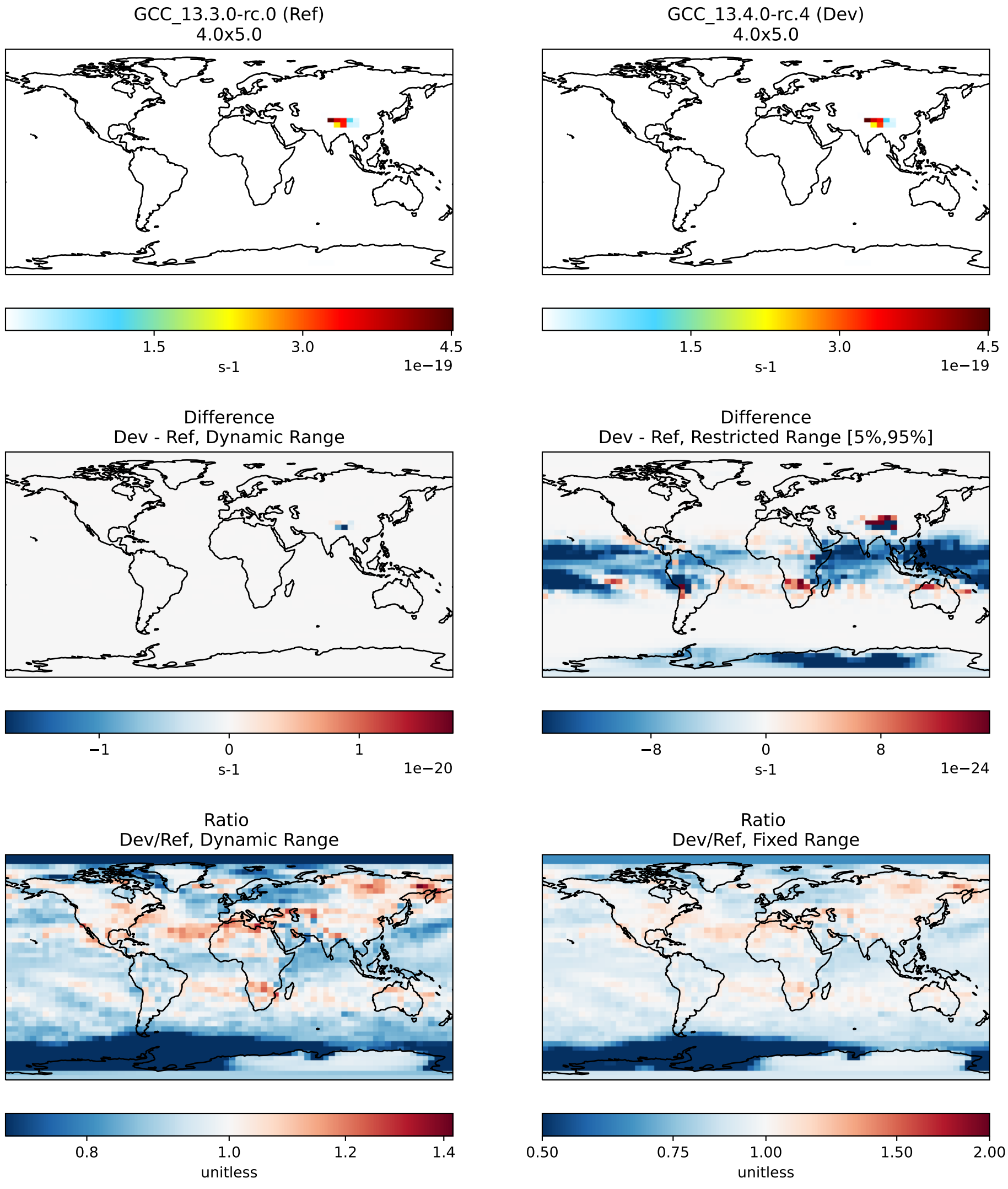
Jval_CFC114 (AnnualMean)



Jval_CFC115 (AnnualMean)

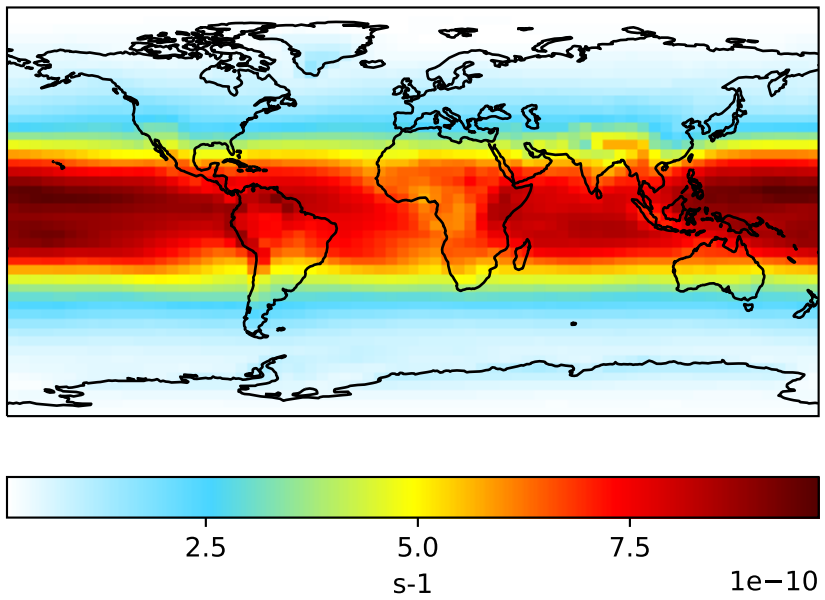


Jval_CFC12 (AnnualMean)

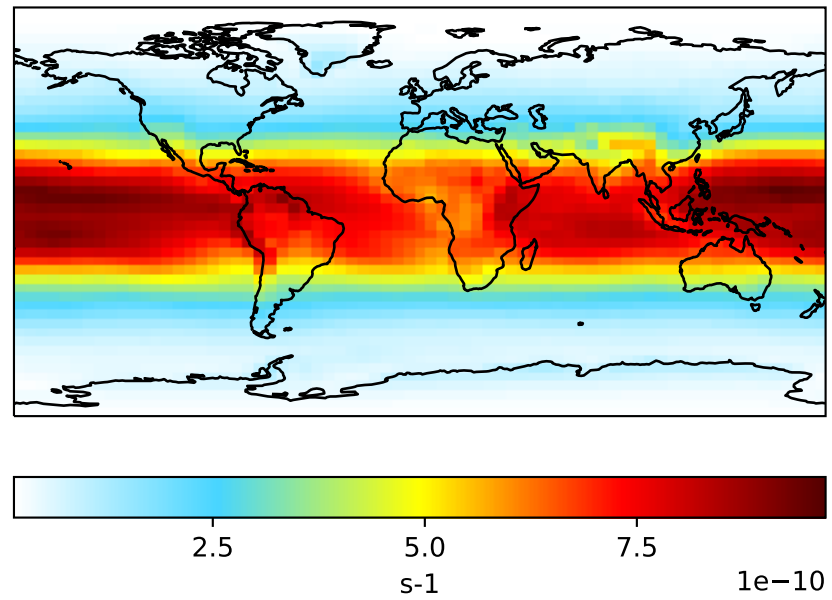


Jval_CH2Br2 (AnnualMean)

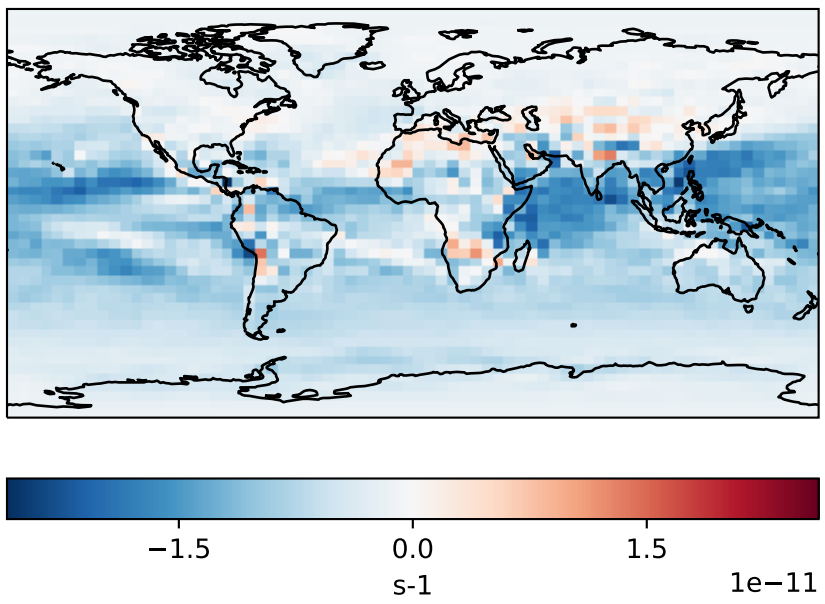
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



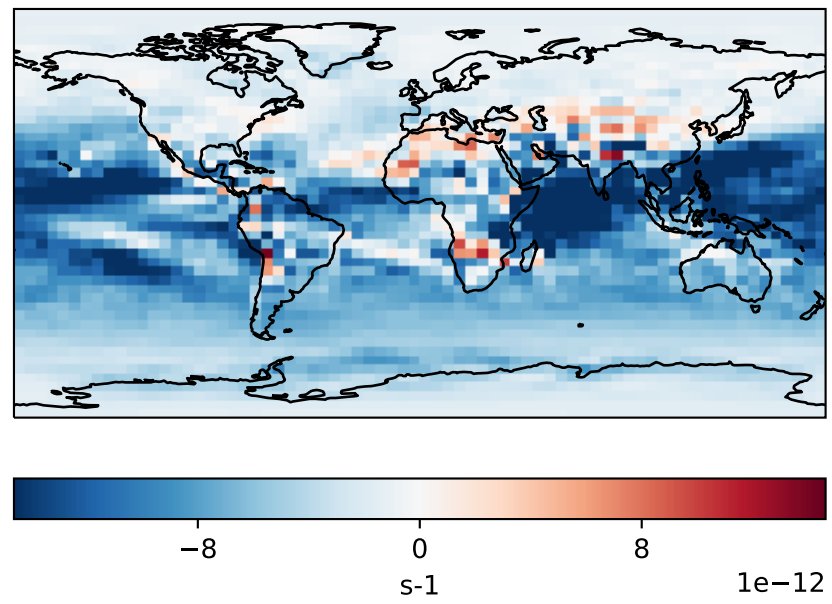
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



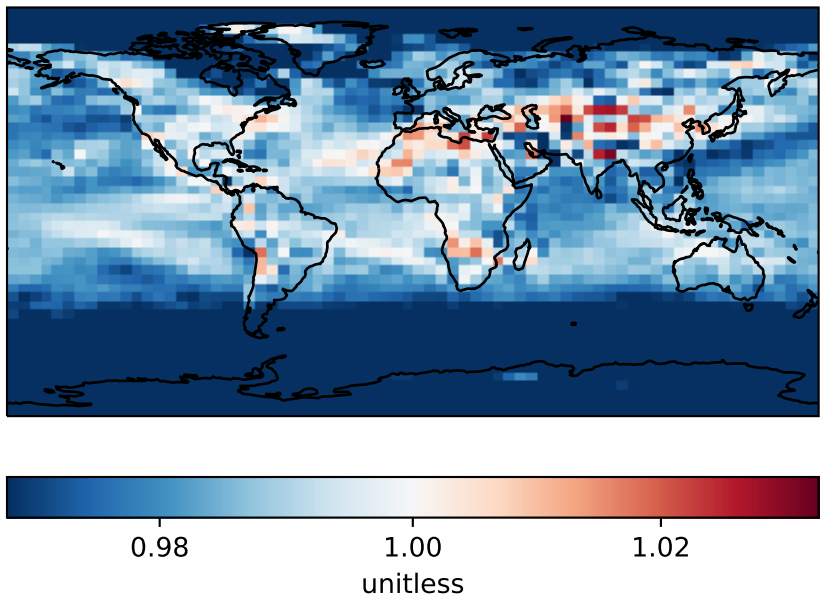
Difference
Dev - Ref, Dynamic Range



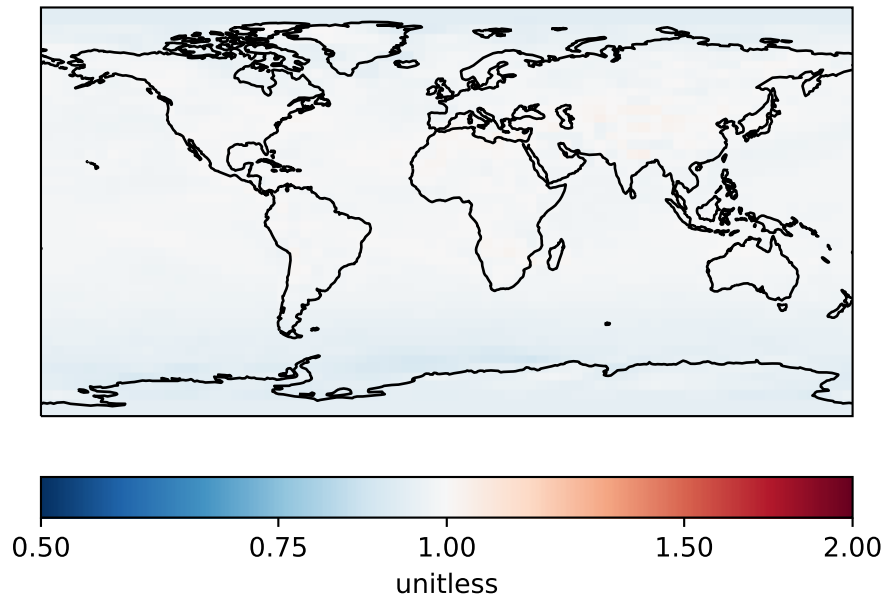
Difference
Dev - Ref, Restricted Range [5%,95%]



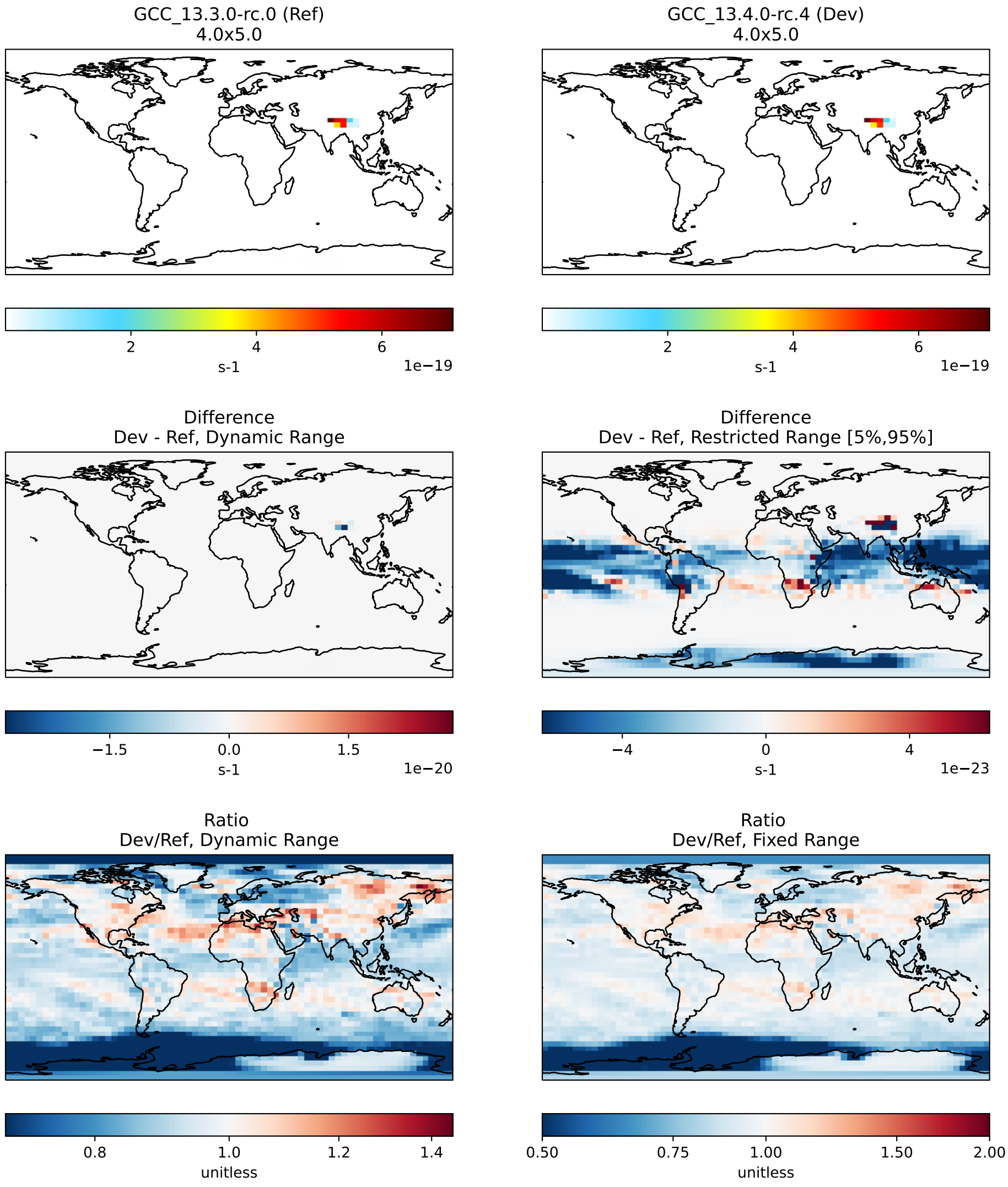
Ratio
Dev/Ref, Dynamic Range



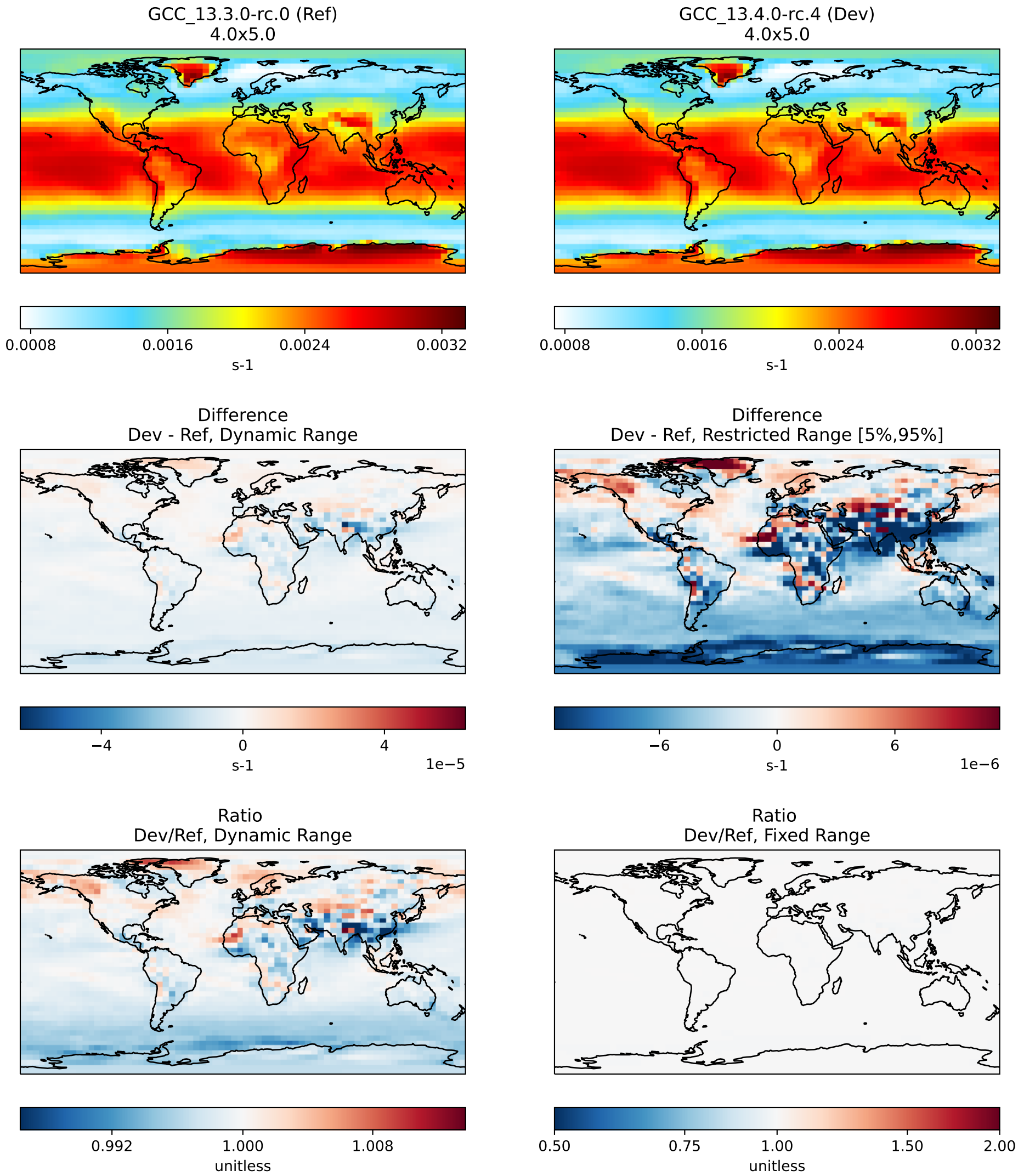
Ratio
Dev/Ref, Fixed Range



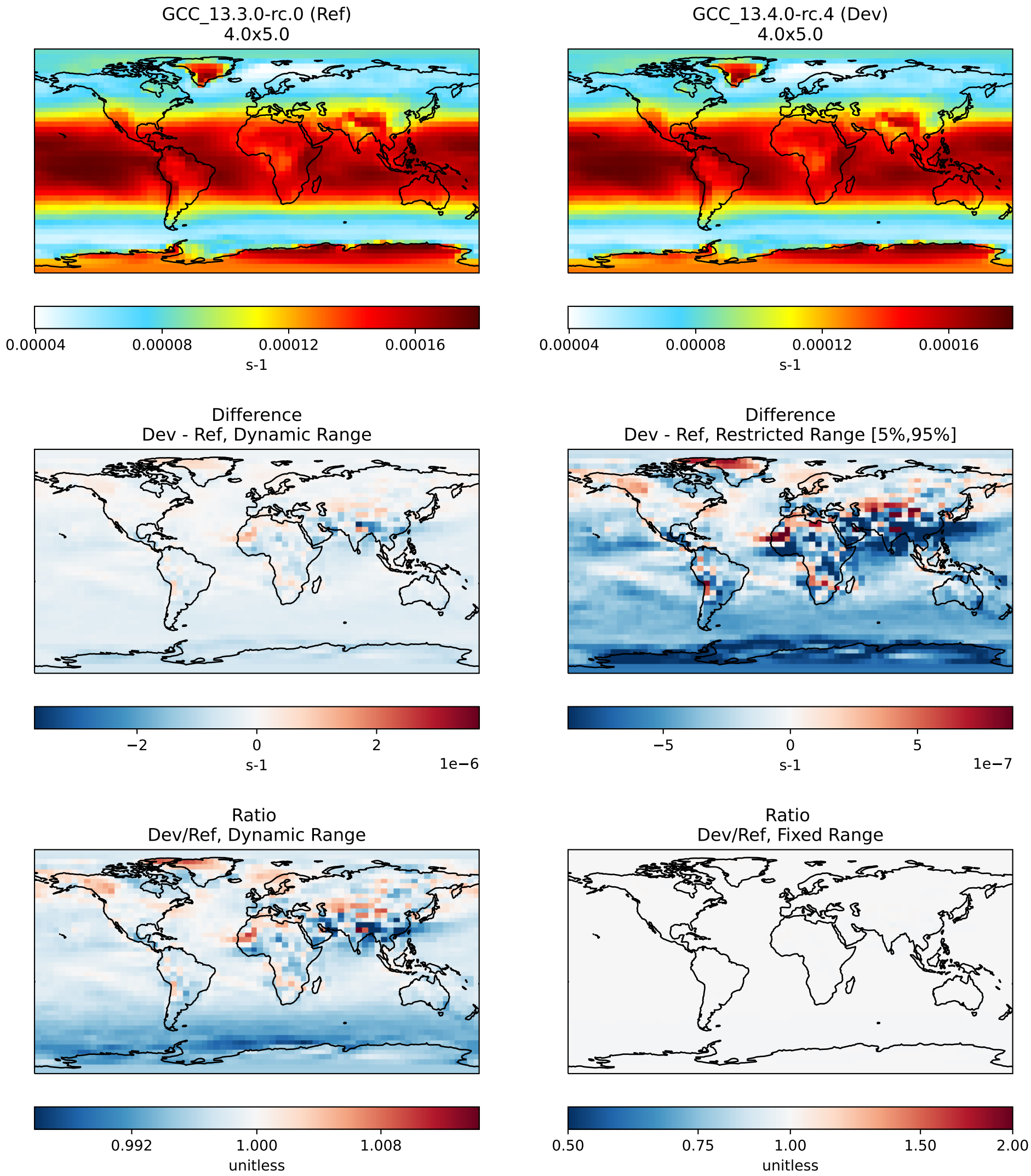
Jval_CH2Cl2 (AnnualMean)



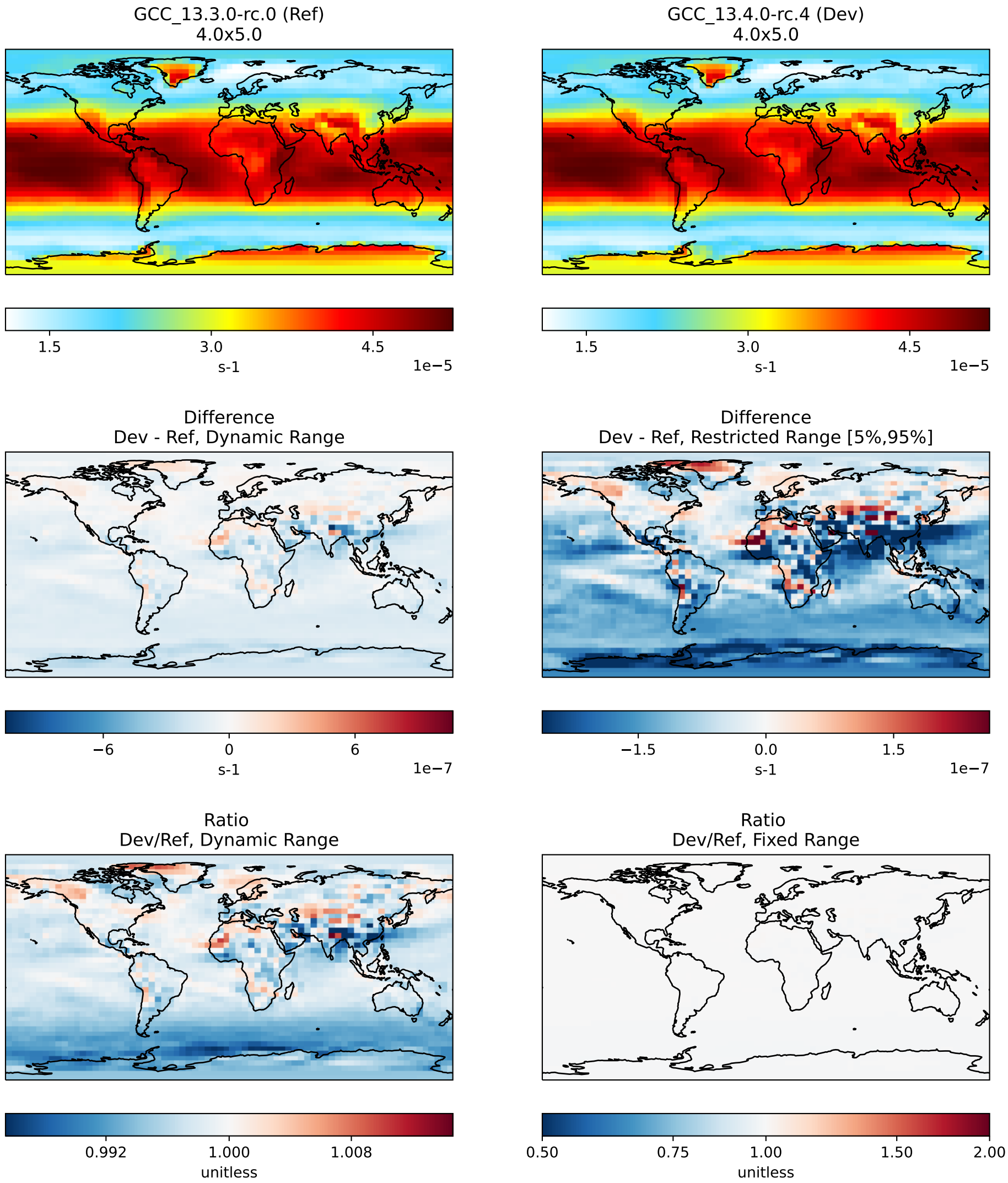
Jval_CH2I2 (AnnualMean)



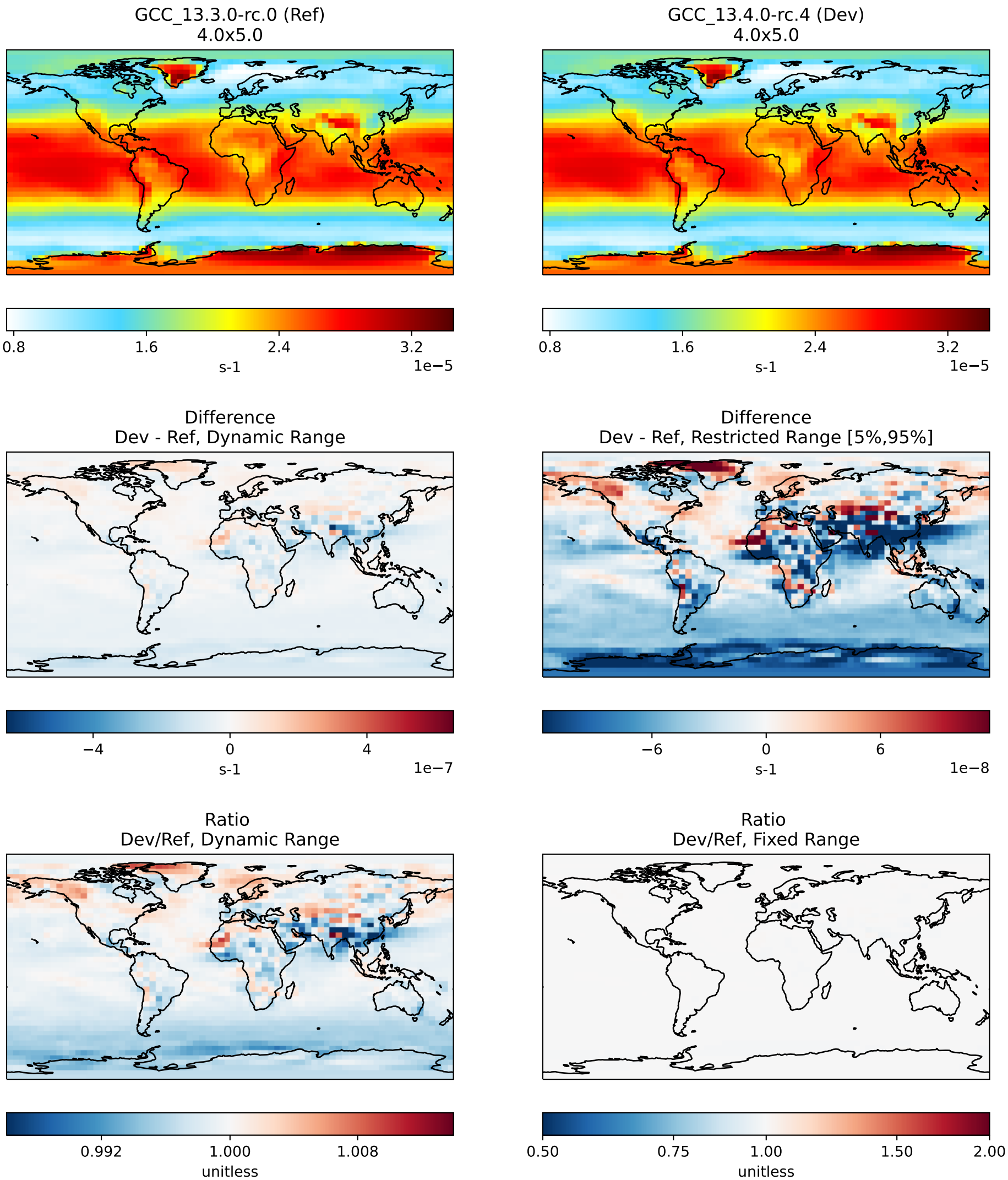
Jval_CH2IBr (AnnualMean)



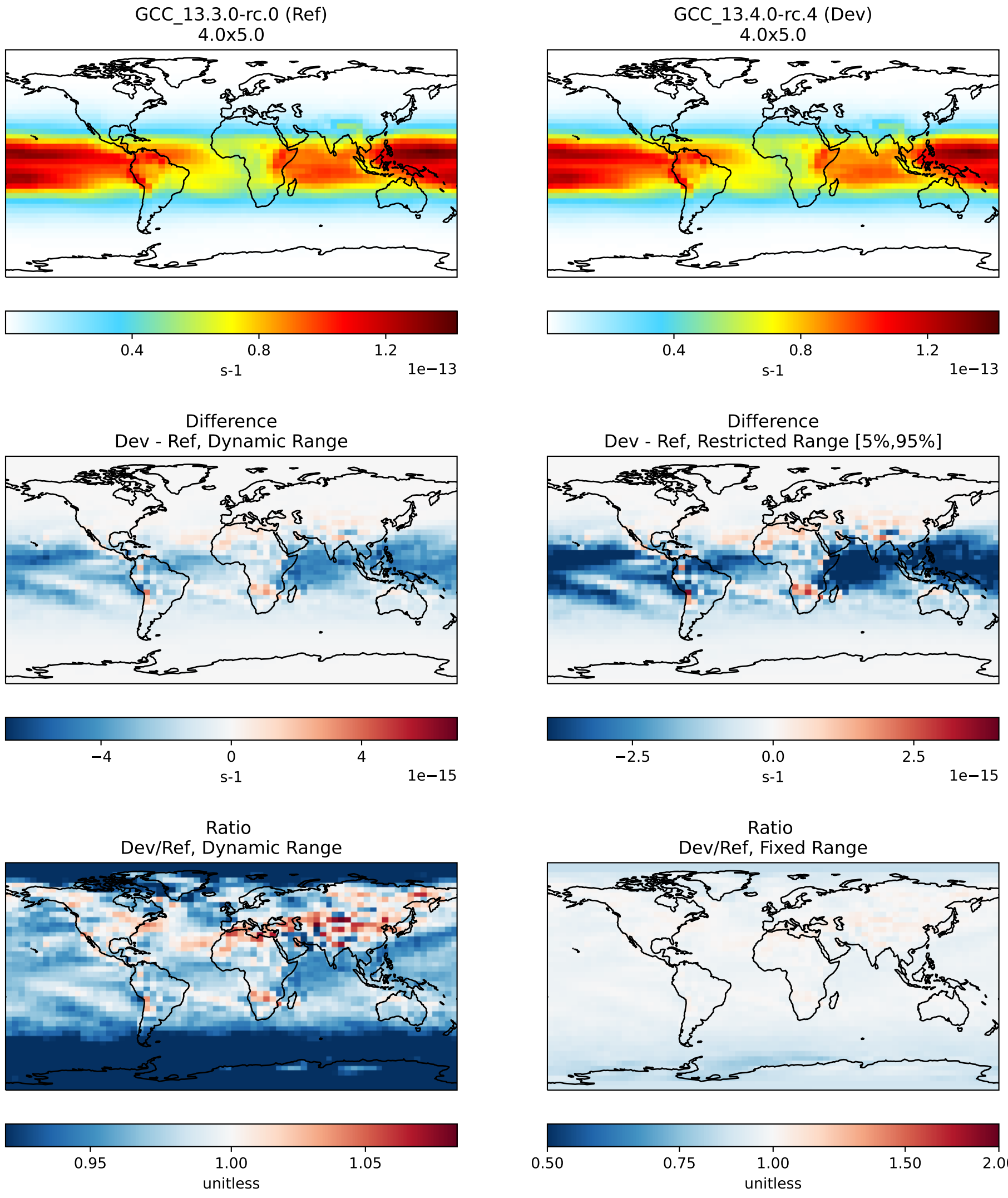
Jval_CH2ICl (AnnualMean)



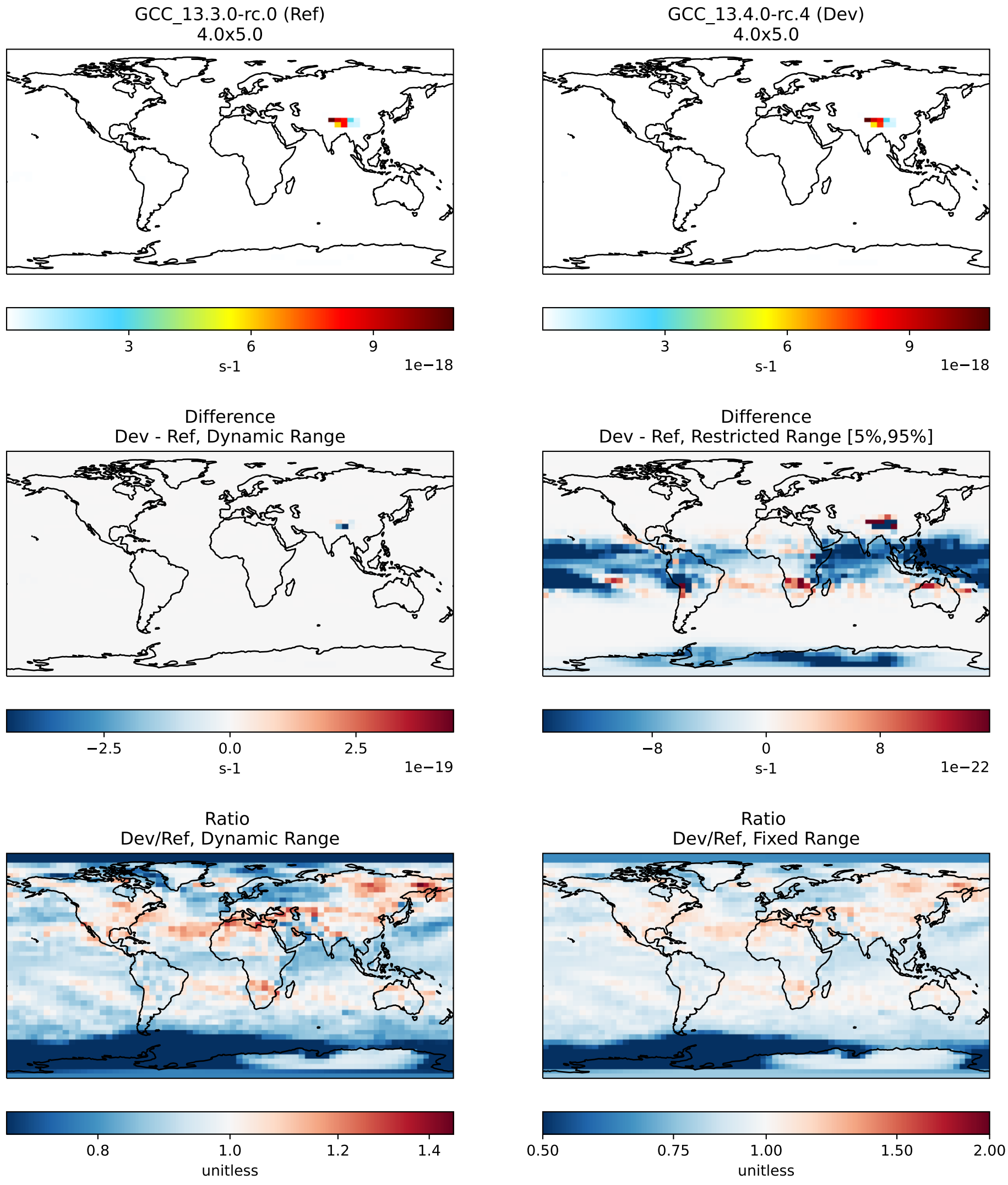
Jval_CH2O (AnnualMean)



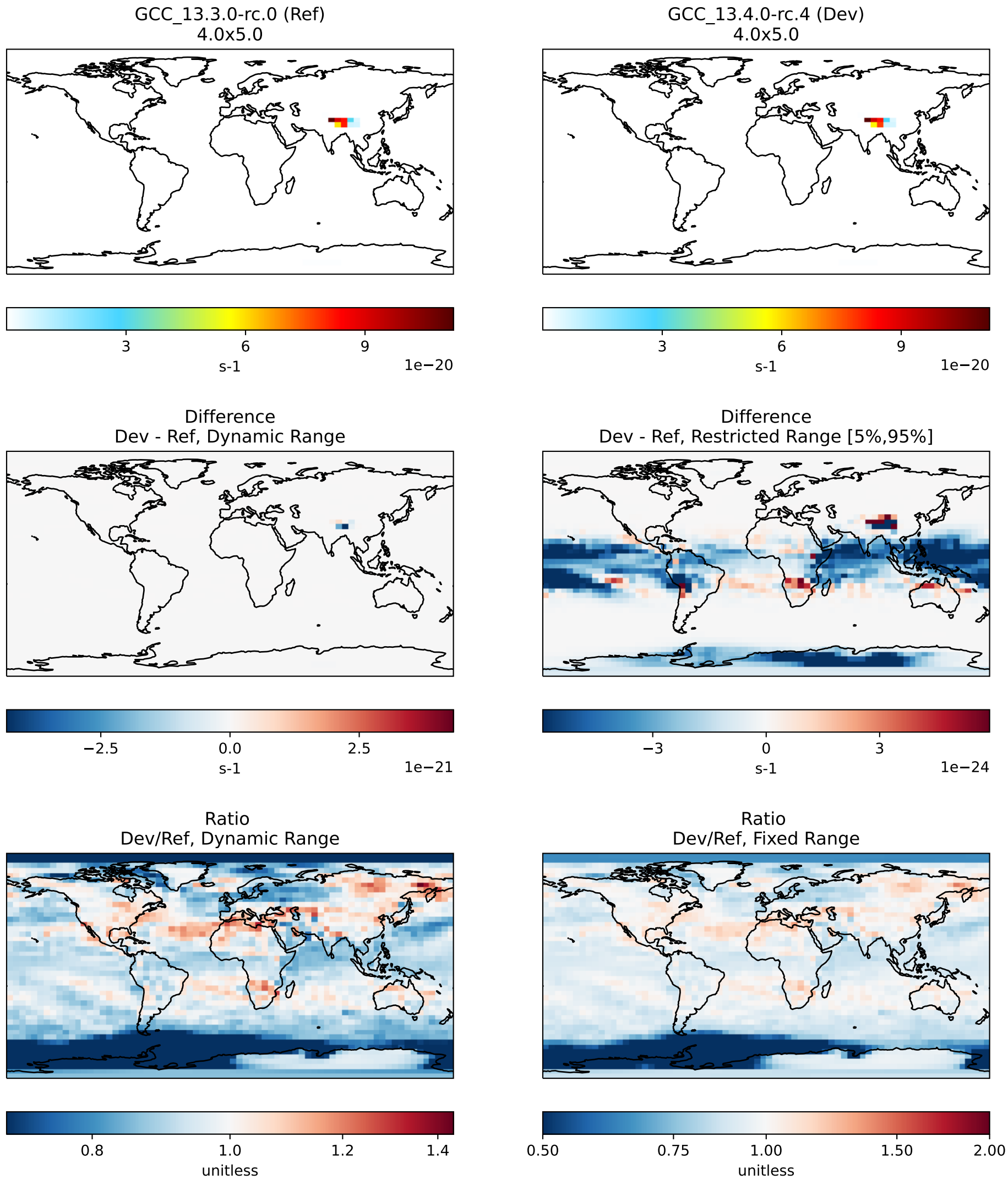
Jval_CH3Br (AnnualMean)



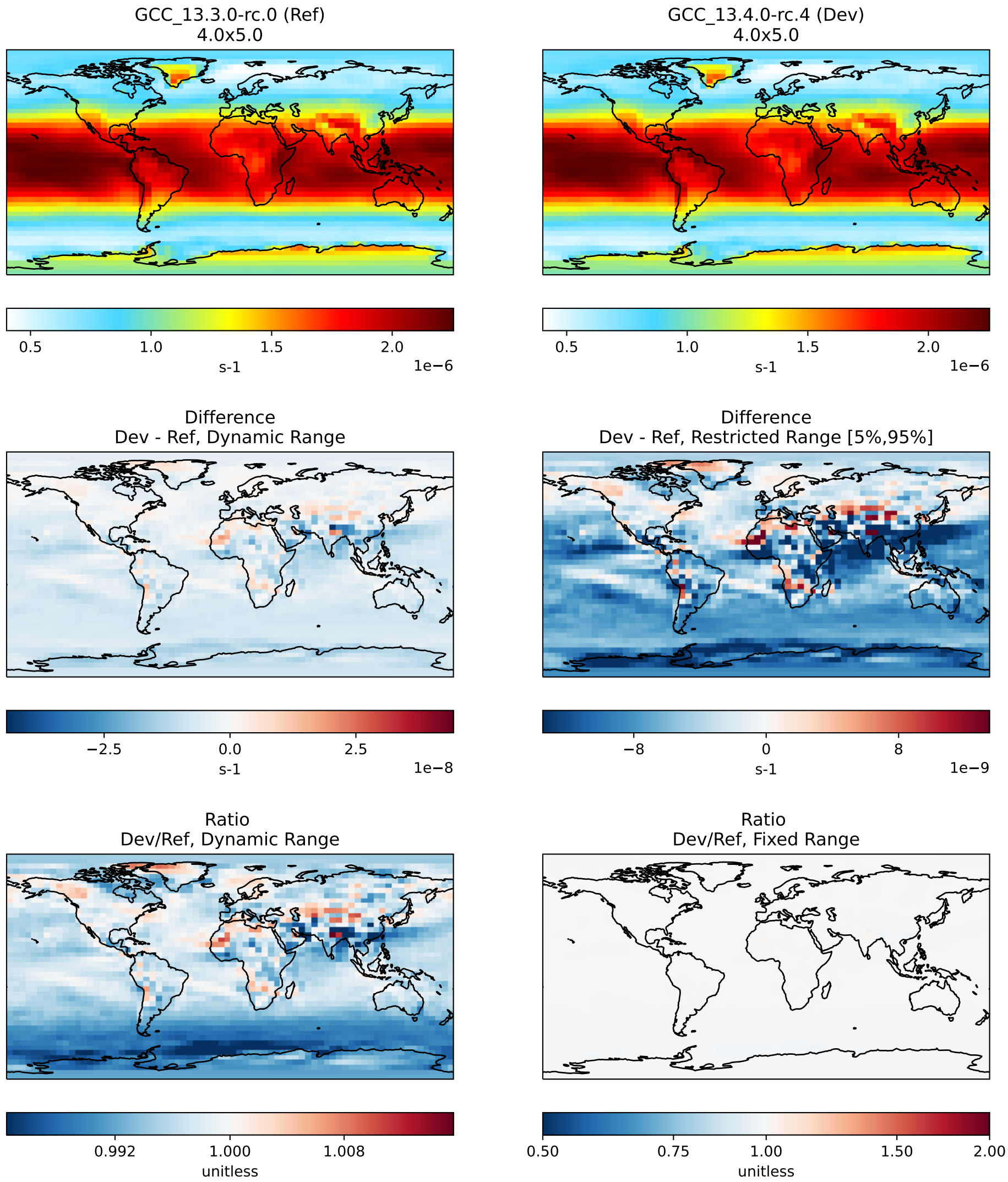
Jval_CH3CCl3 (AnnualMean)



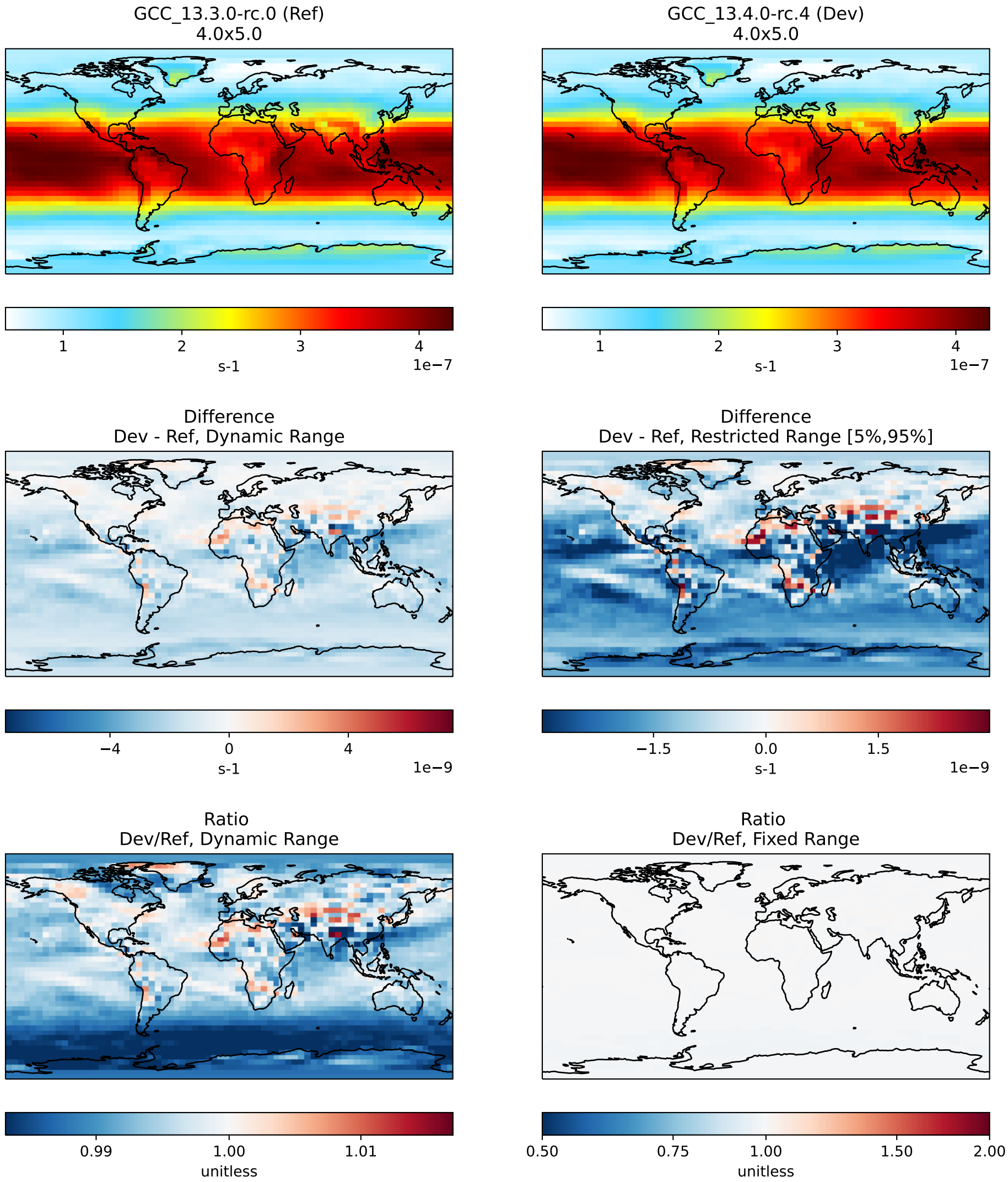
Jval_CH3Cl (AnnualMean)



Jval_CH3I (AnnualMean)

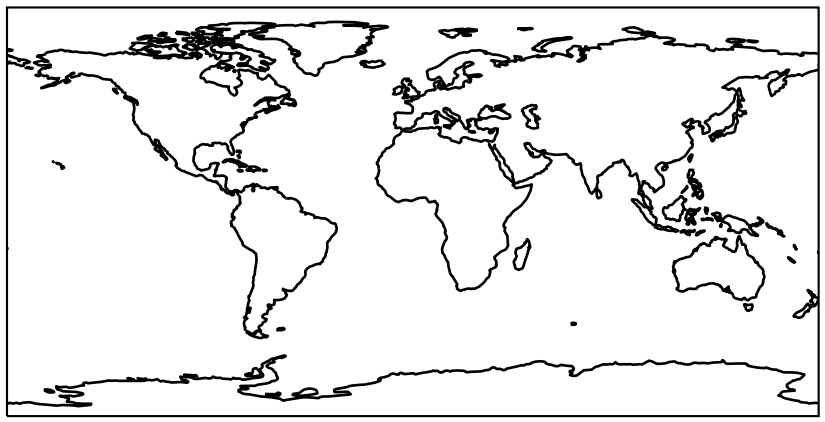


Jval_CHBr3 (AnnualMean)



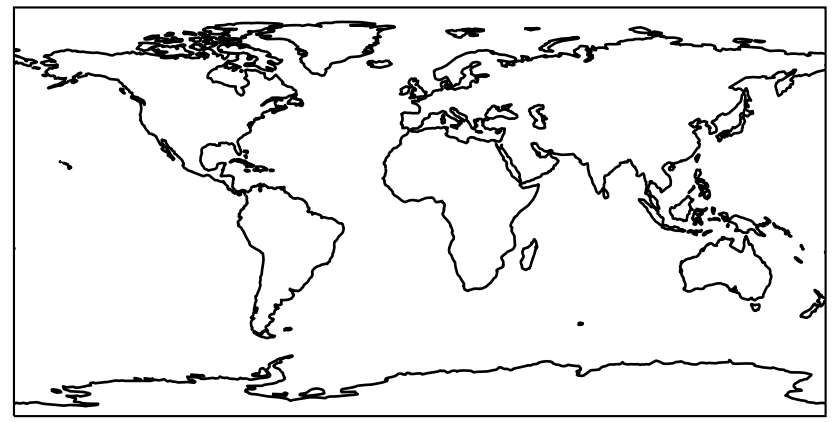
Jval_CHCl3 (AnnualMean)

GCC_13.3.0-rc.0 (Ref)
4.0x5.0



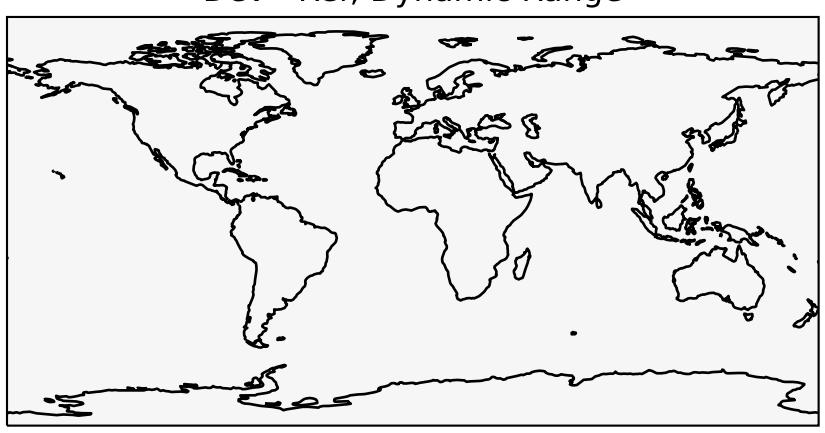
Zero throughout domain
s-1

GCC_13.4.0-rc.4 (Dev)
4.0x5.0



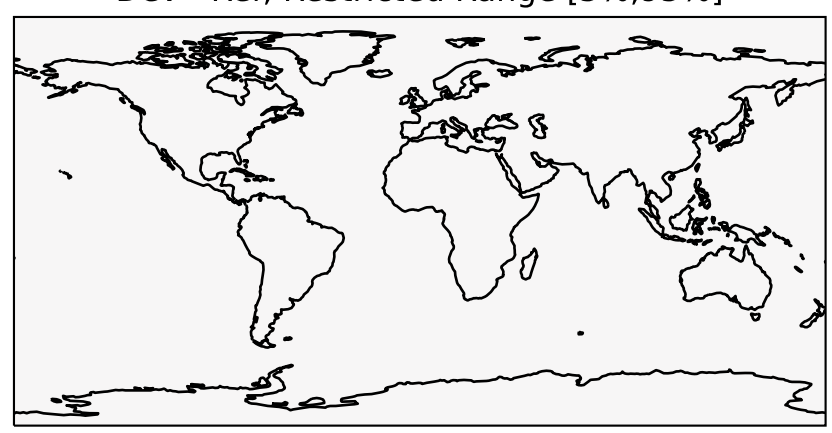
Zero throughout domain
s-1

Difference
Dev - Ref, Dynamic Range



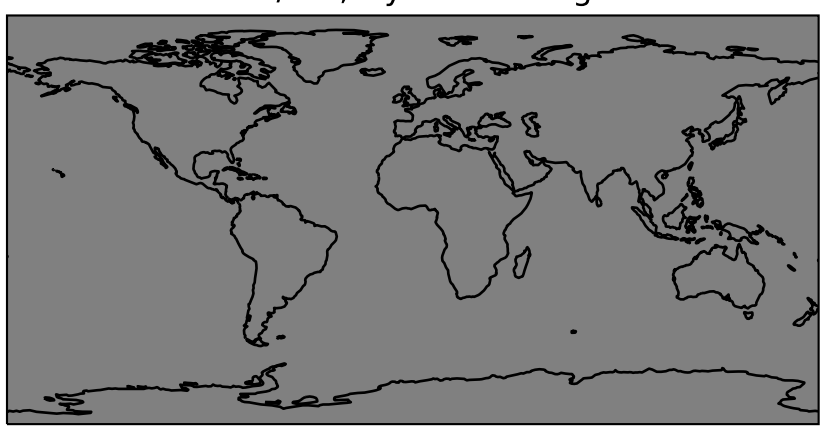
Zero throughout domain
s-1

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



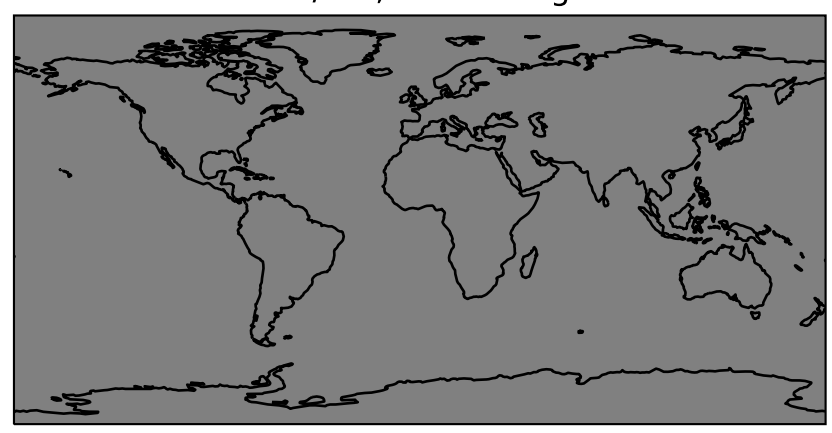
Zero throughout domain
s-1

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

Ratio
Dev/Ref, Fixed Range



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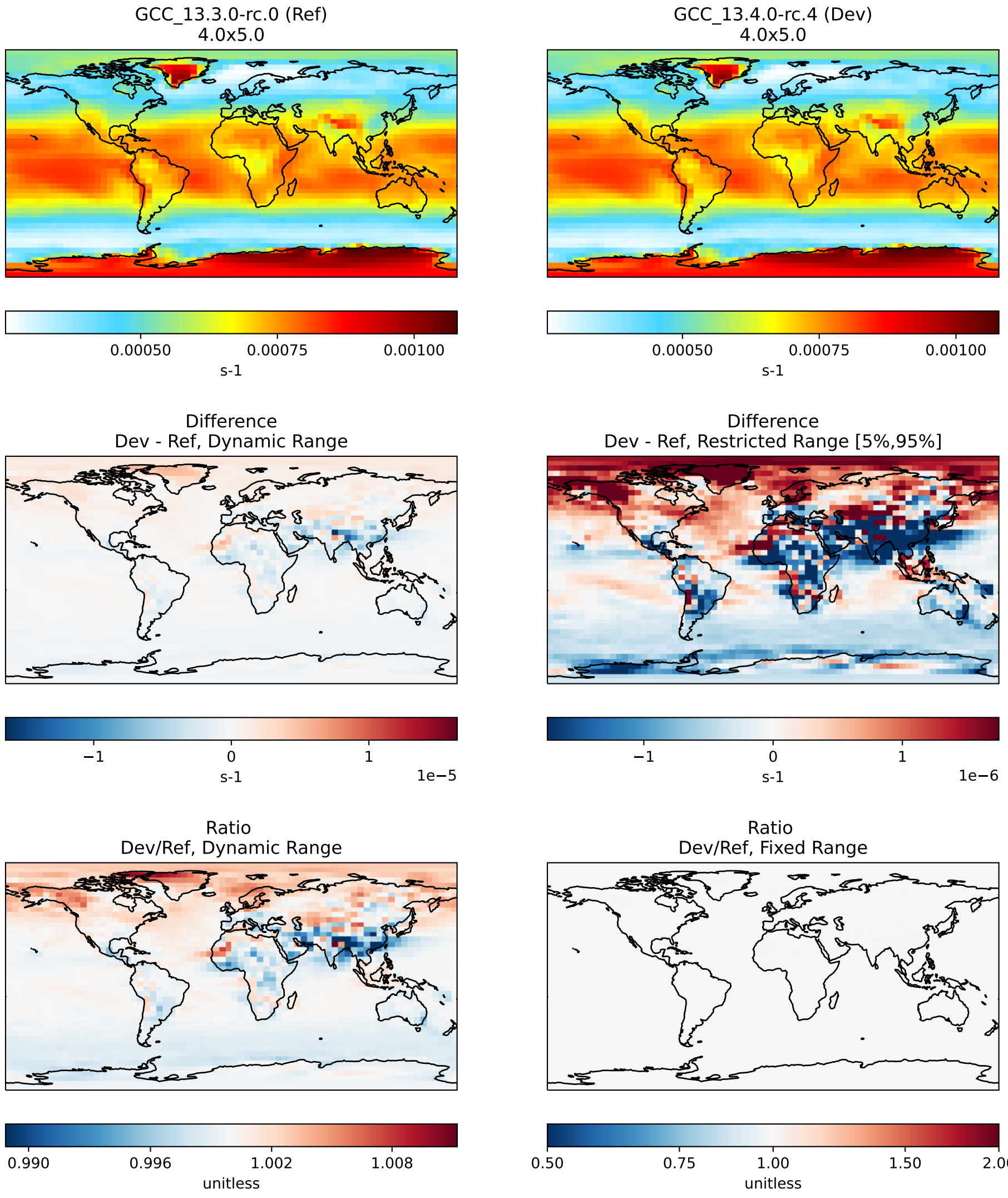
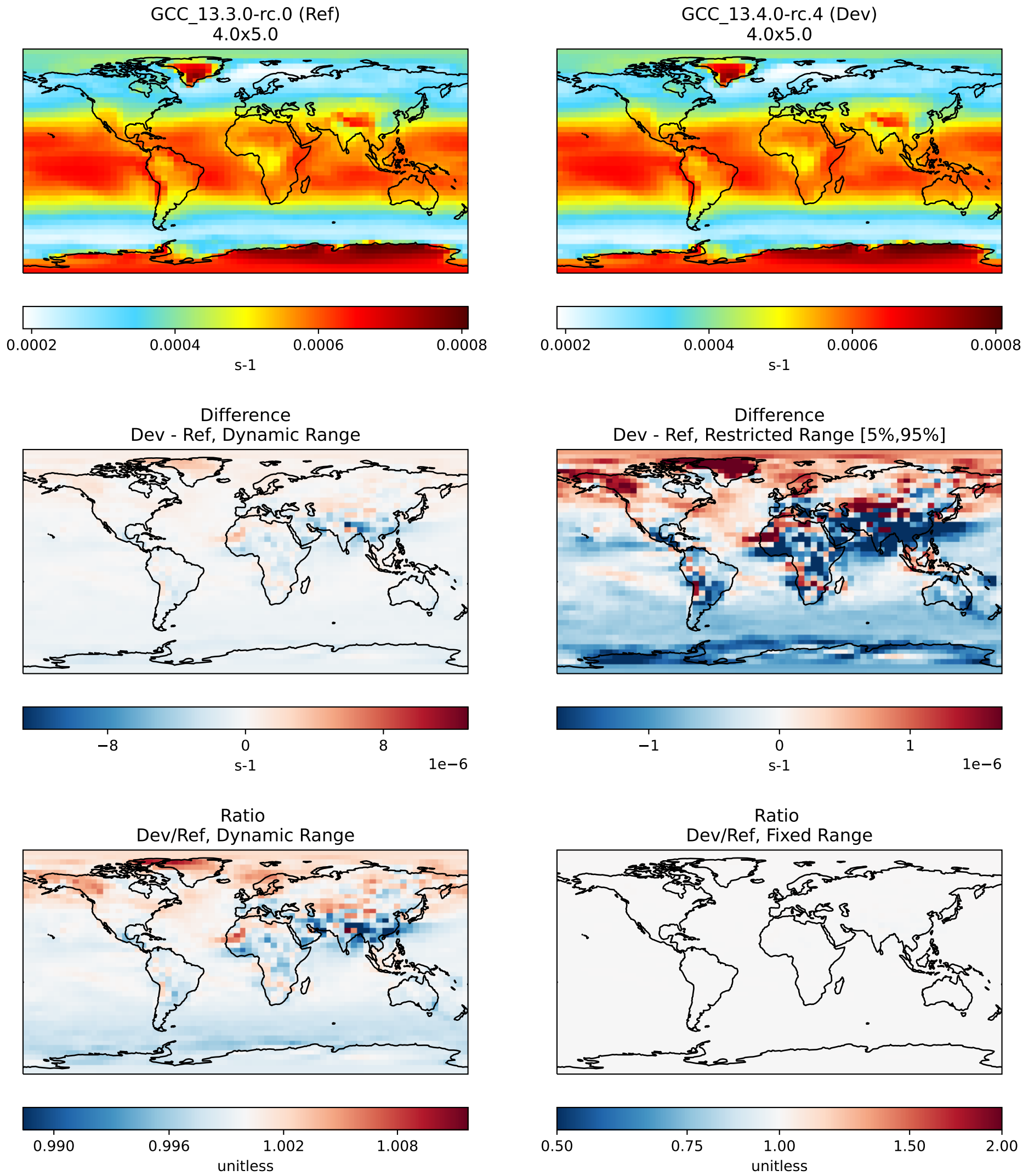
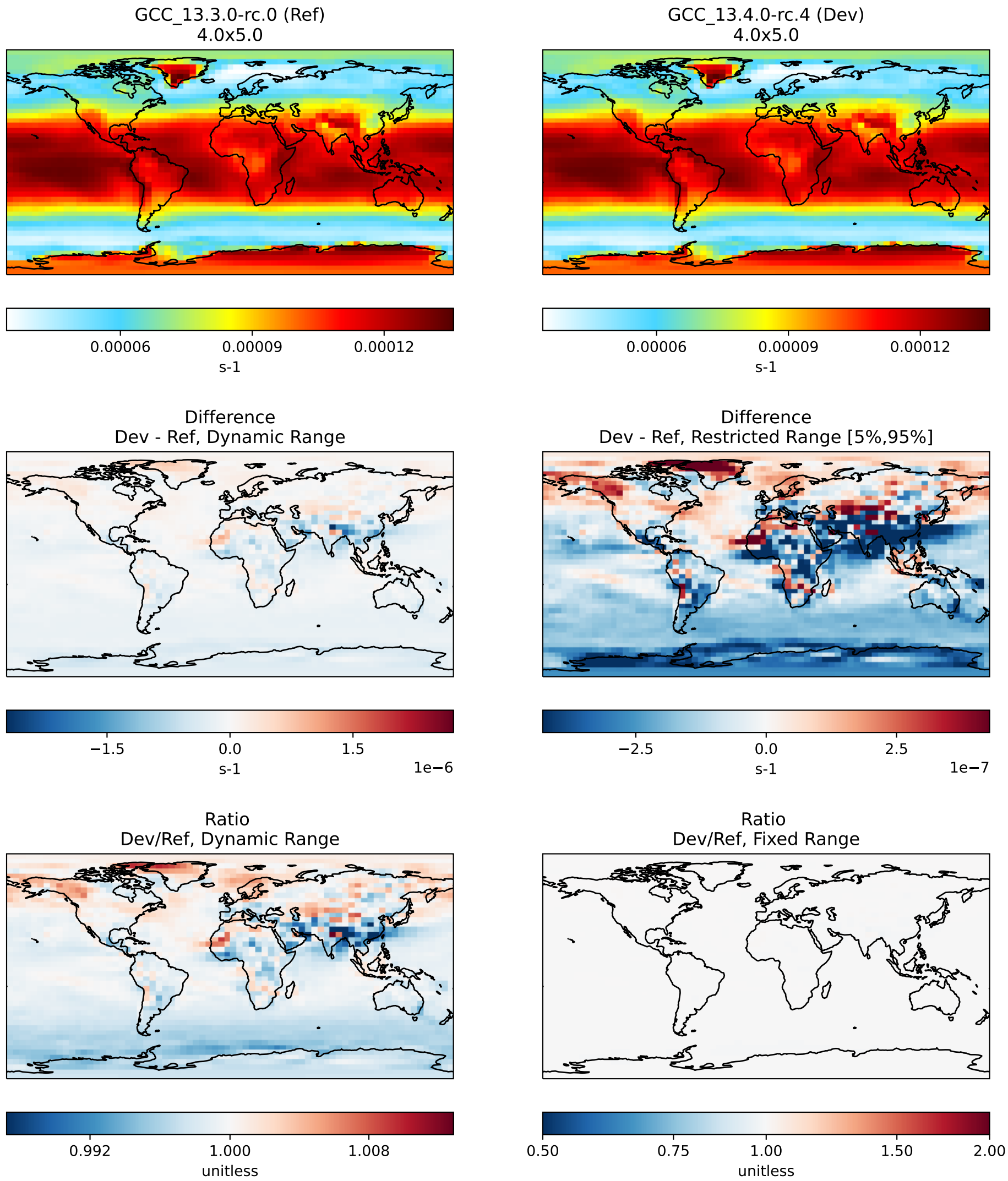
Jval_Cl2 (AnnualMean)



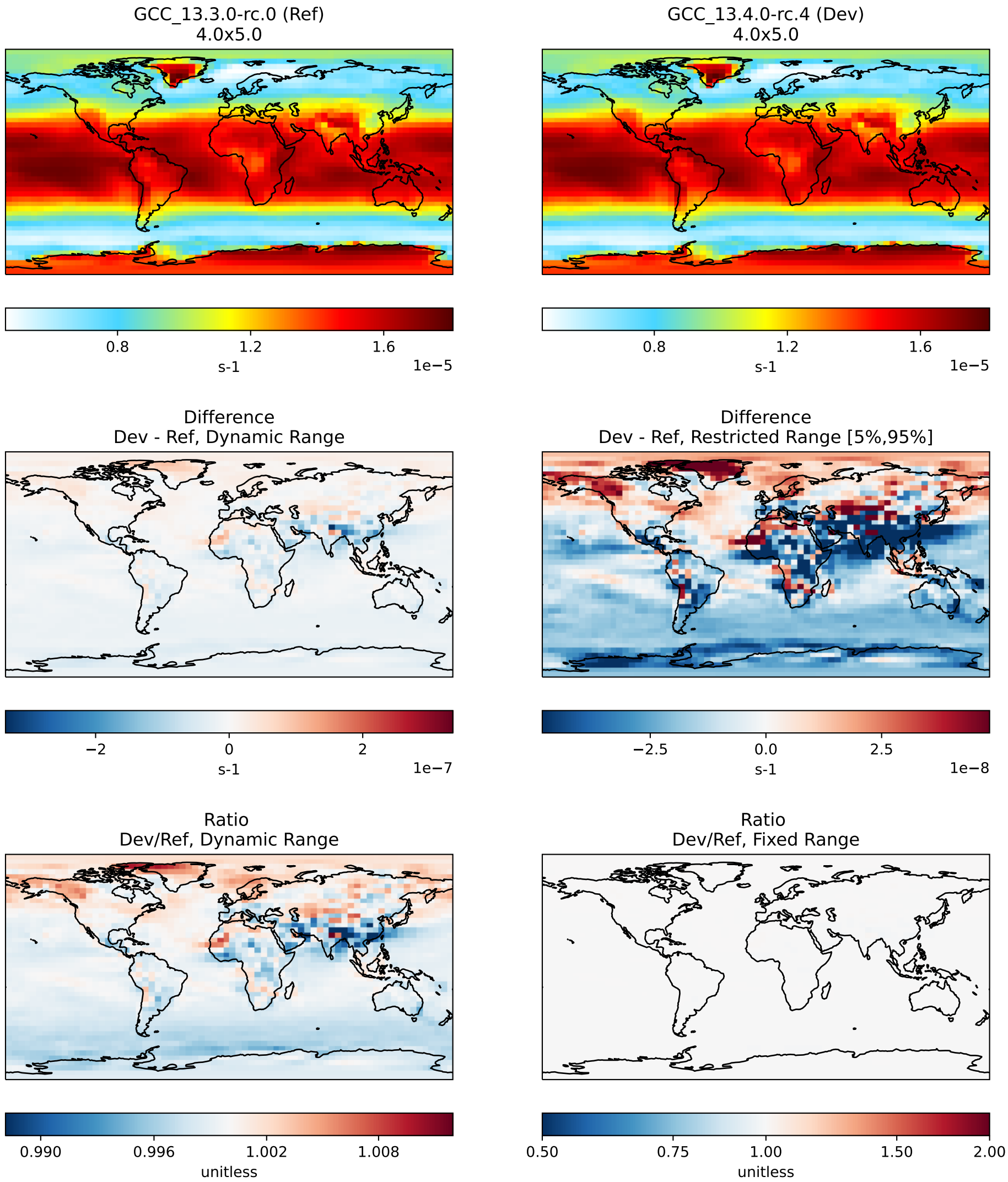
Jval_Cl2O2 (AnnualMean)



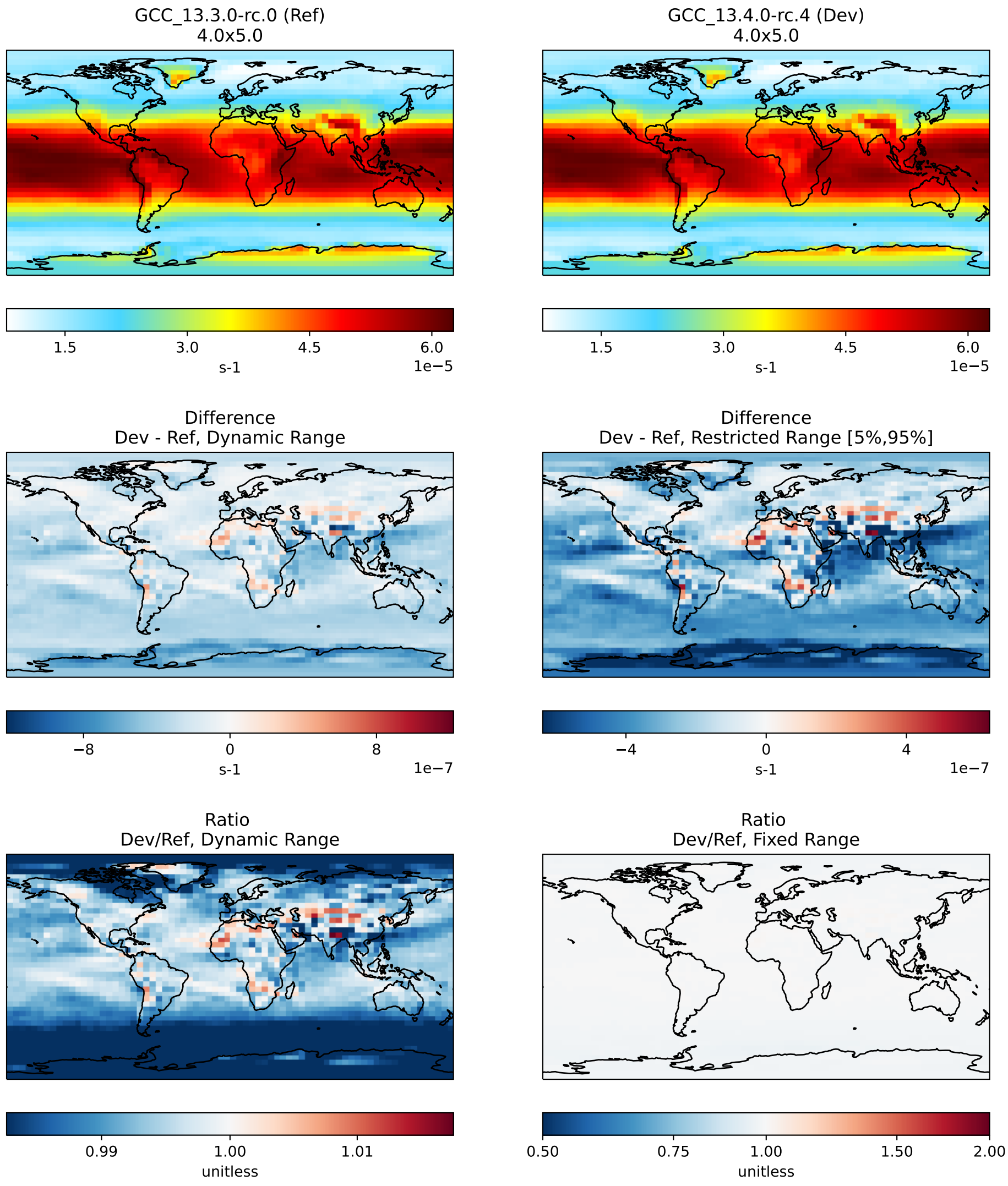
Jval_ClNO2 (AnnualMean)



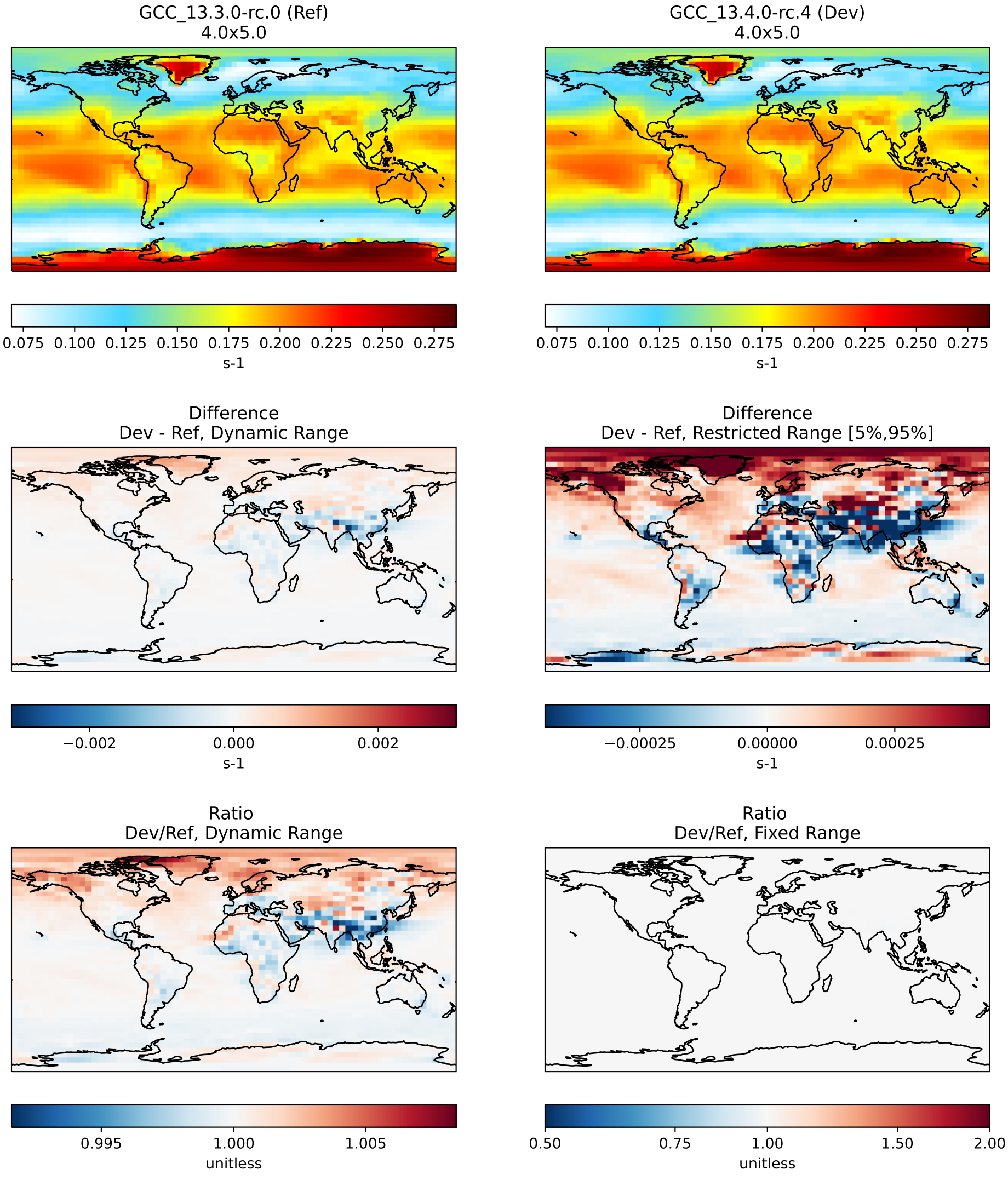
Jval_ClNO3 (AnnualMean)



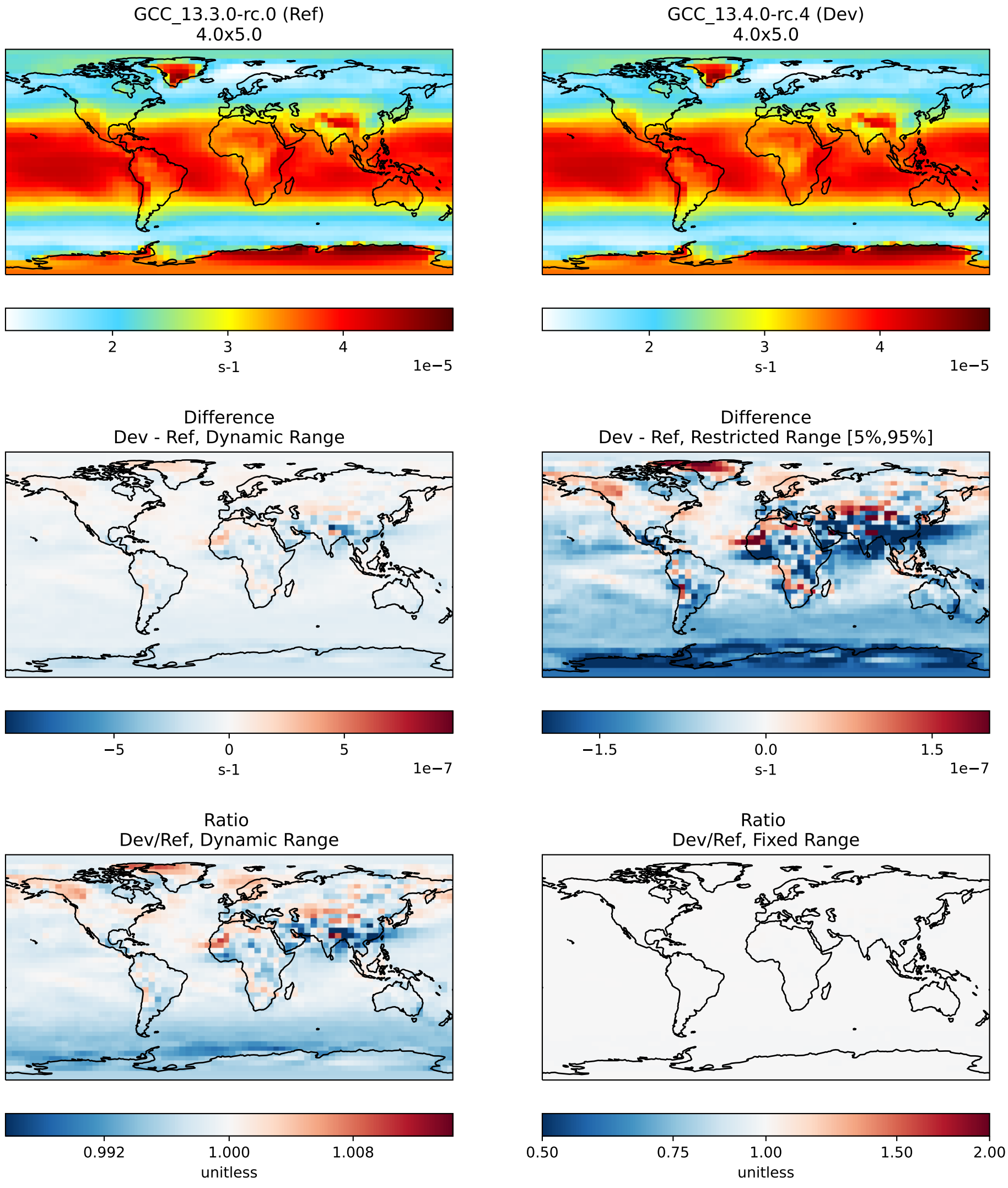
Jval_ClO (AnnualMean)



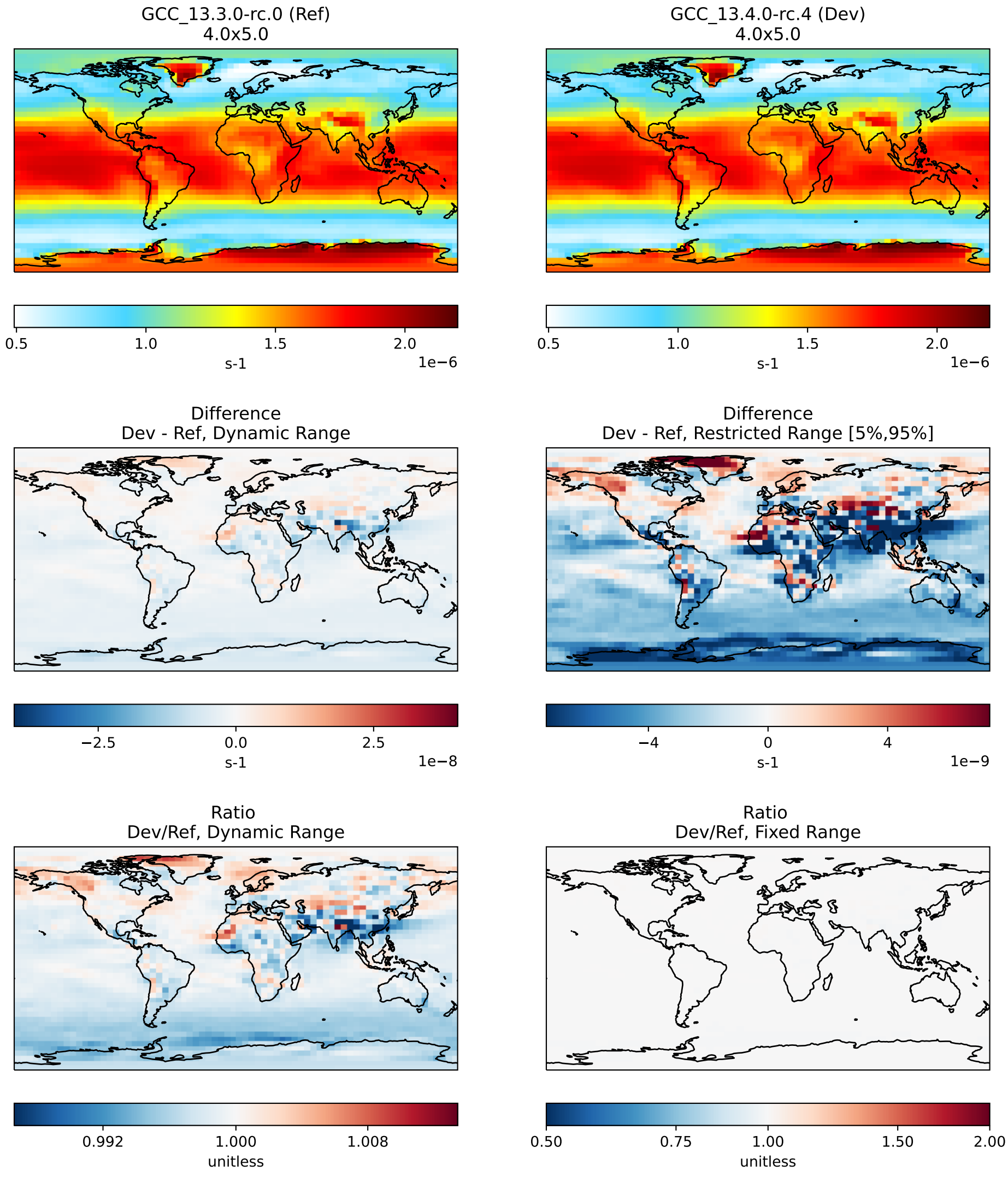
Jval_ClOO (AnnualMean)



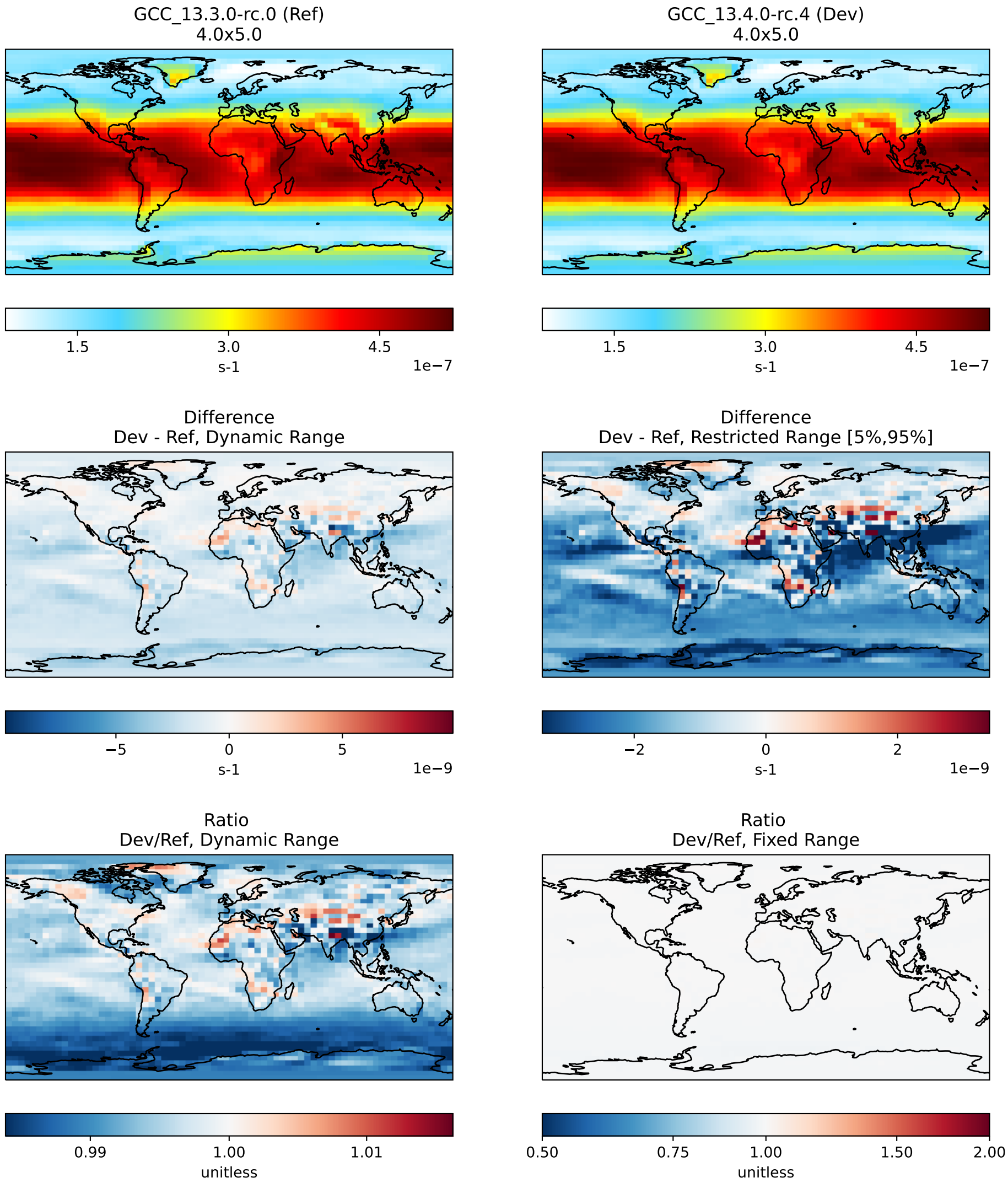
Jval_ETHLN (AnnualMean)



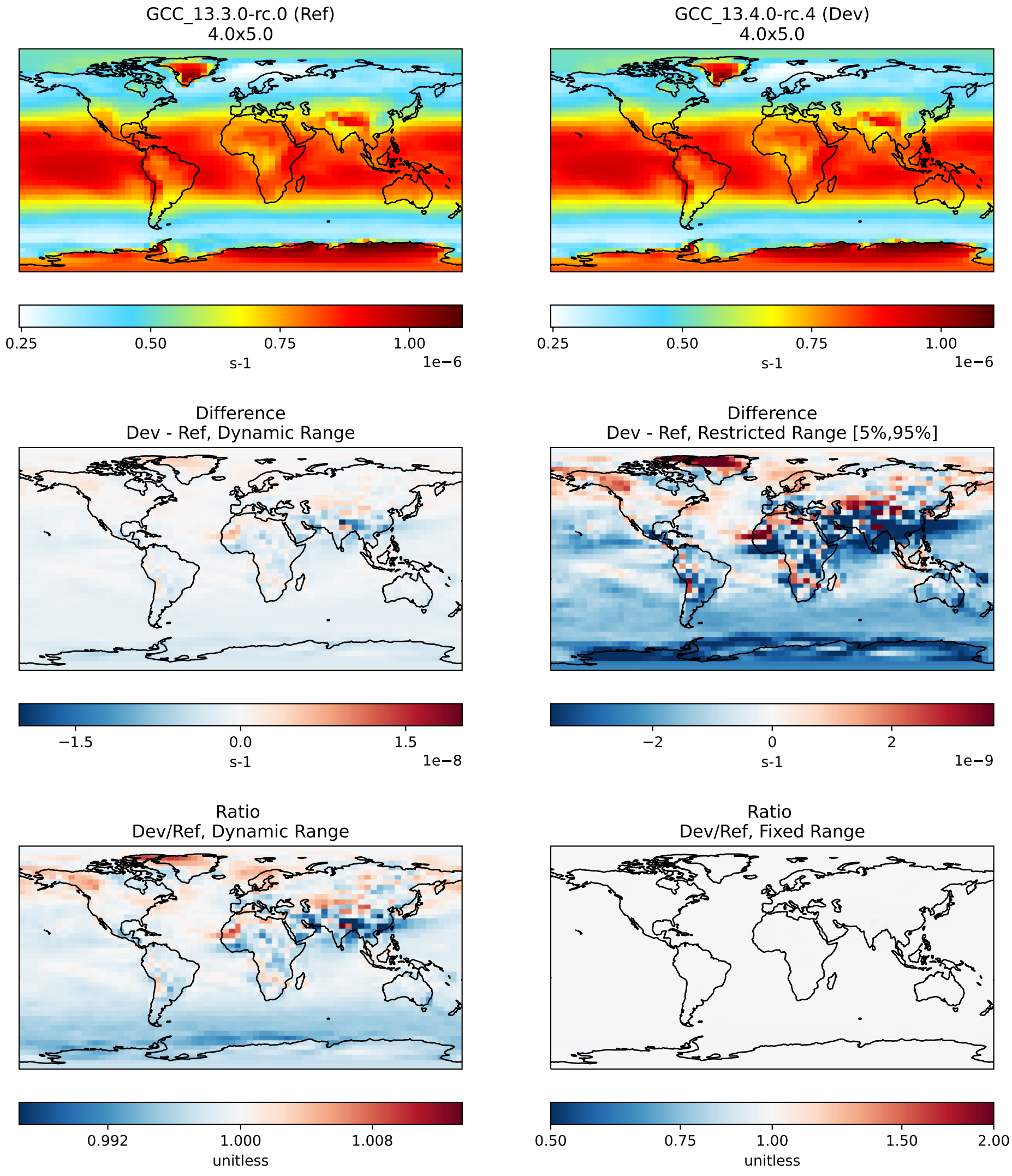
Jval_ETHP (AnnualMean)



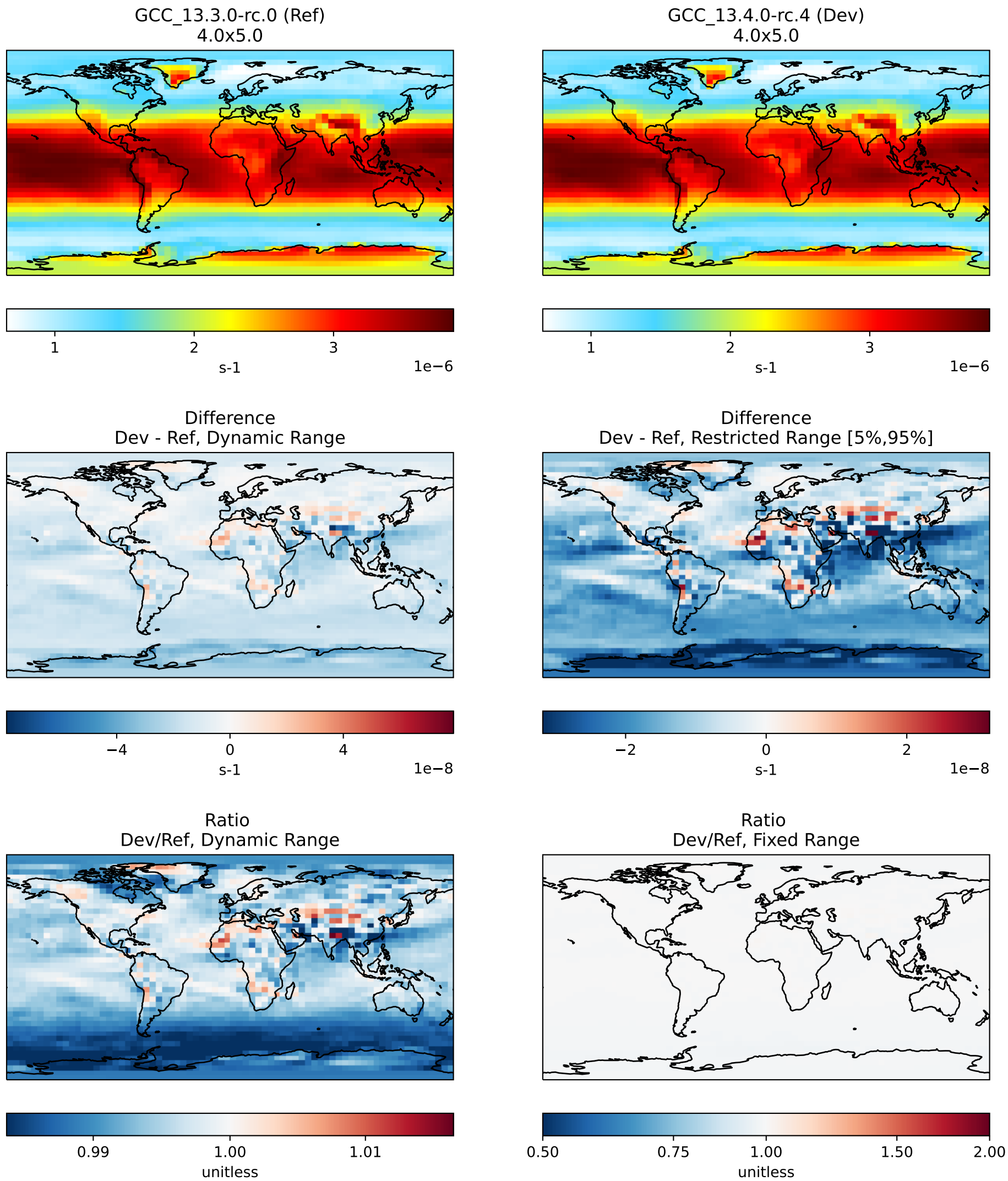
Jval_ETNO3 (AnnualMean)



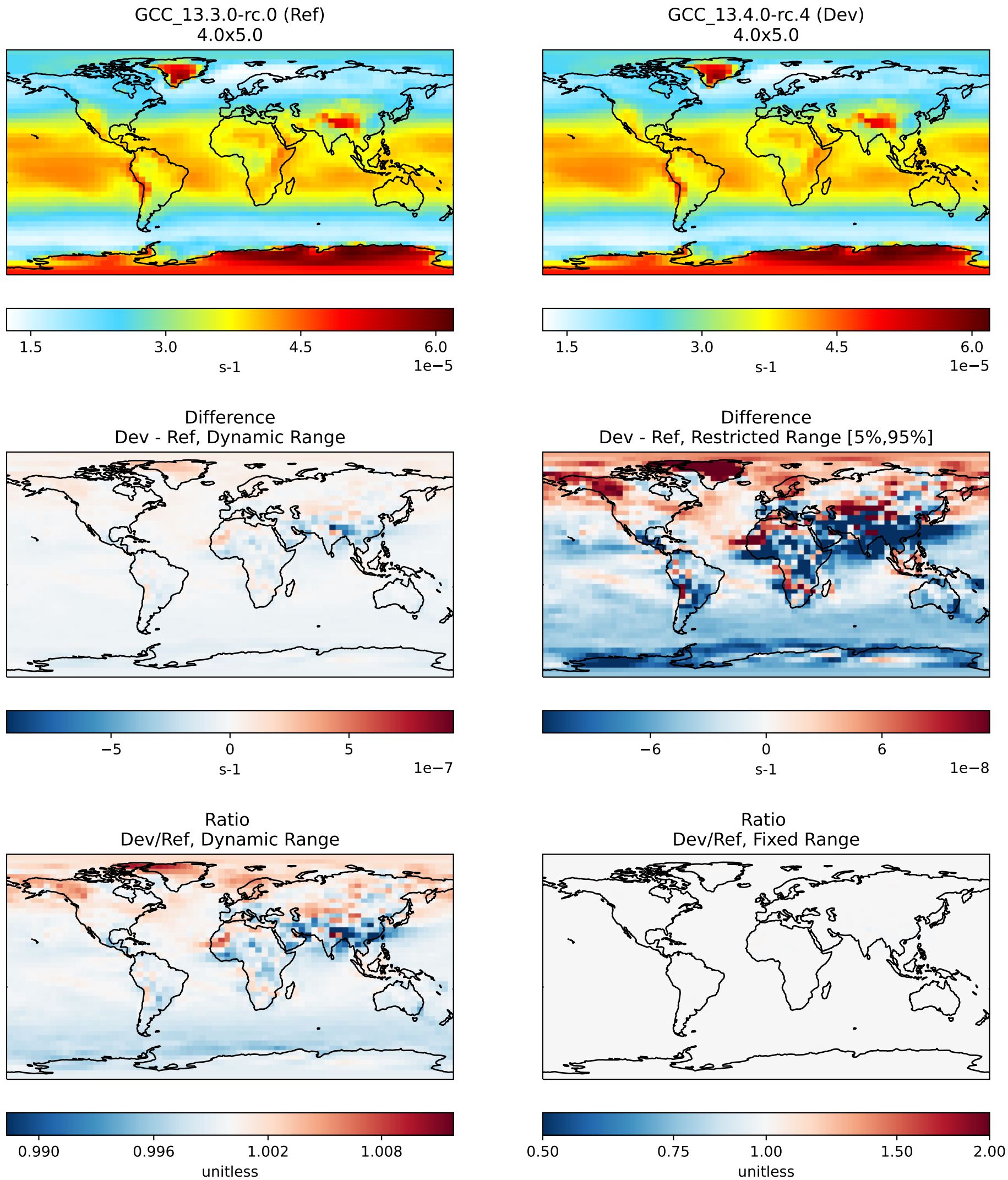
Jval_ETP (AnnualMean)



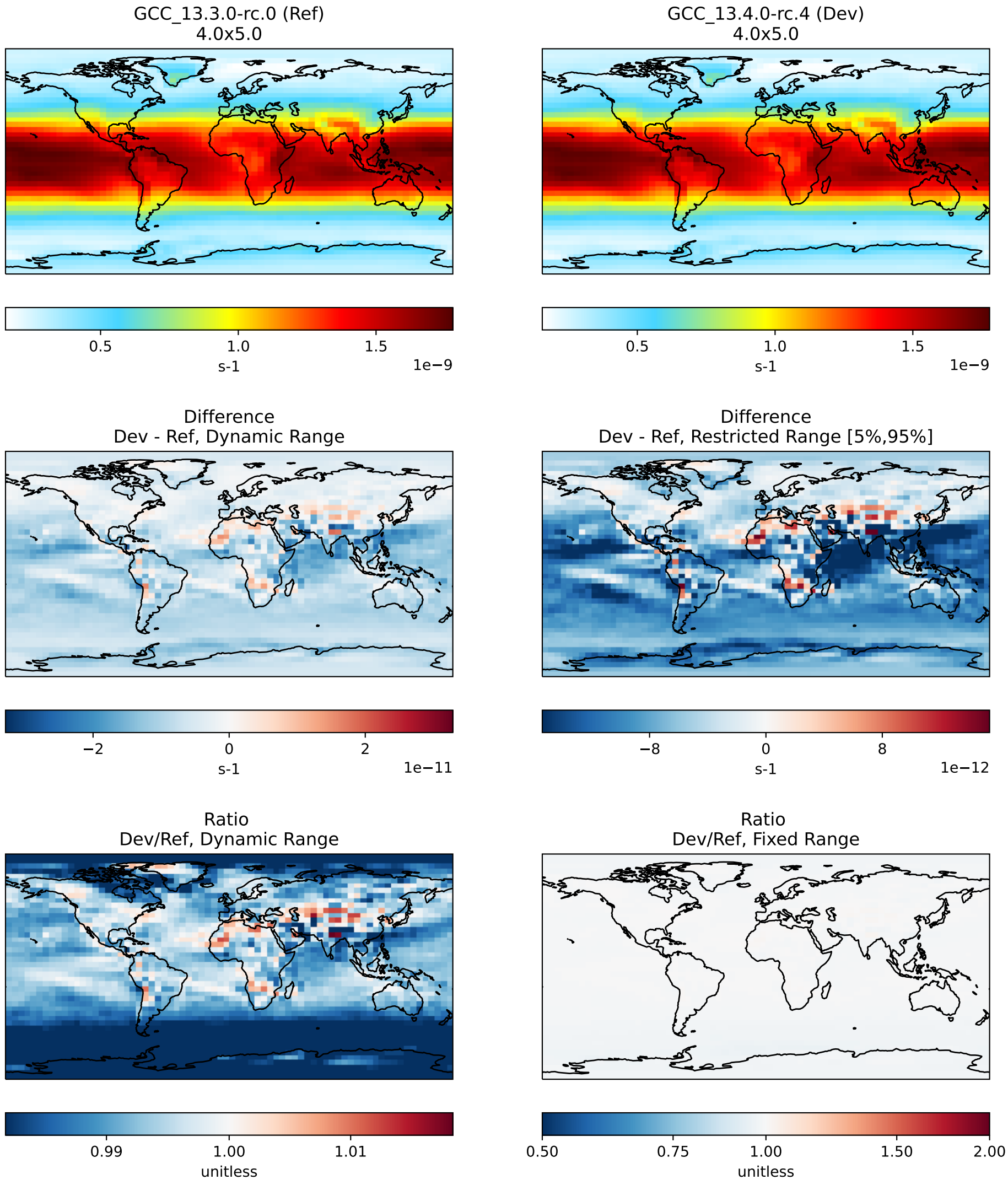
Jval_GLYC (AnnualMean)



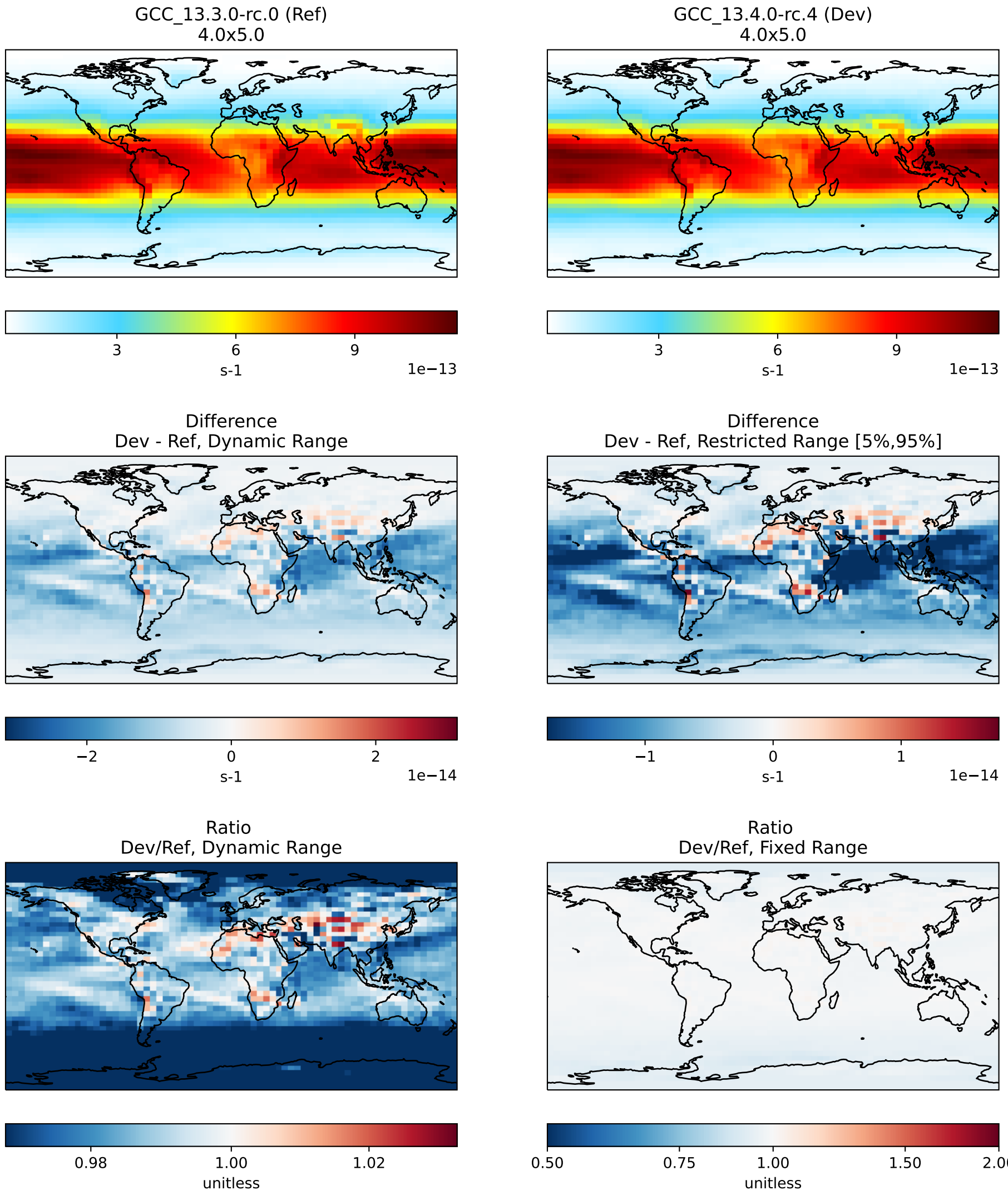
Jval_GLYX (AnnualMean)



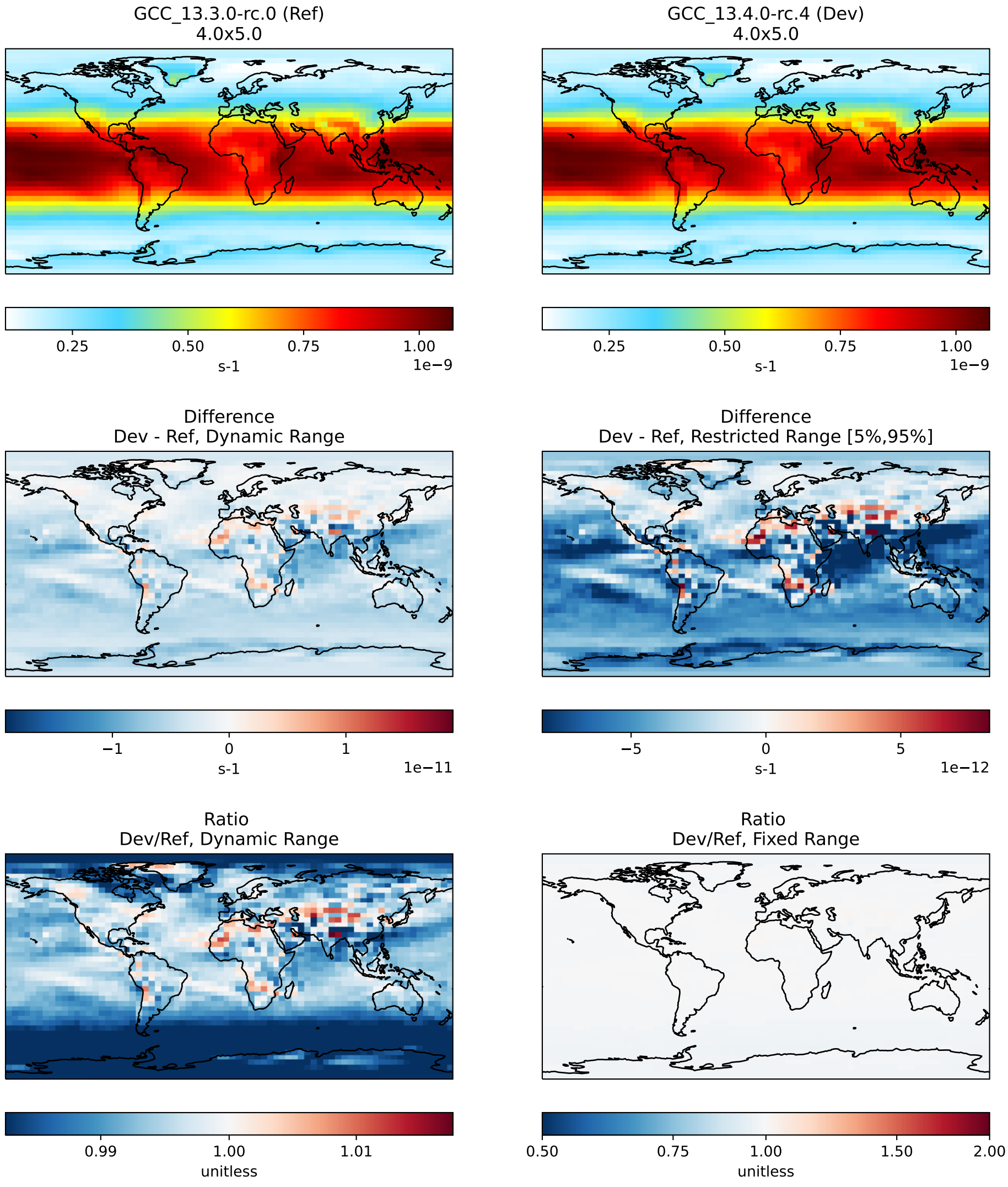
Jval_H1211 (AnnualMean)



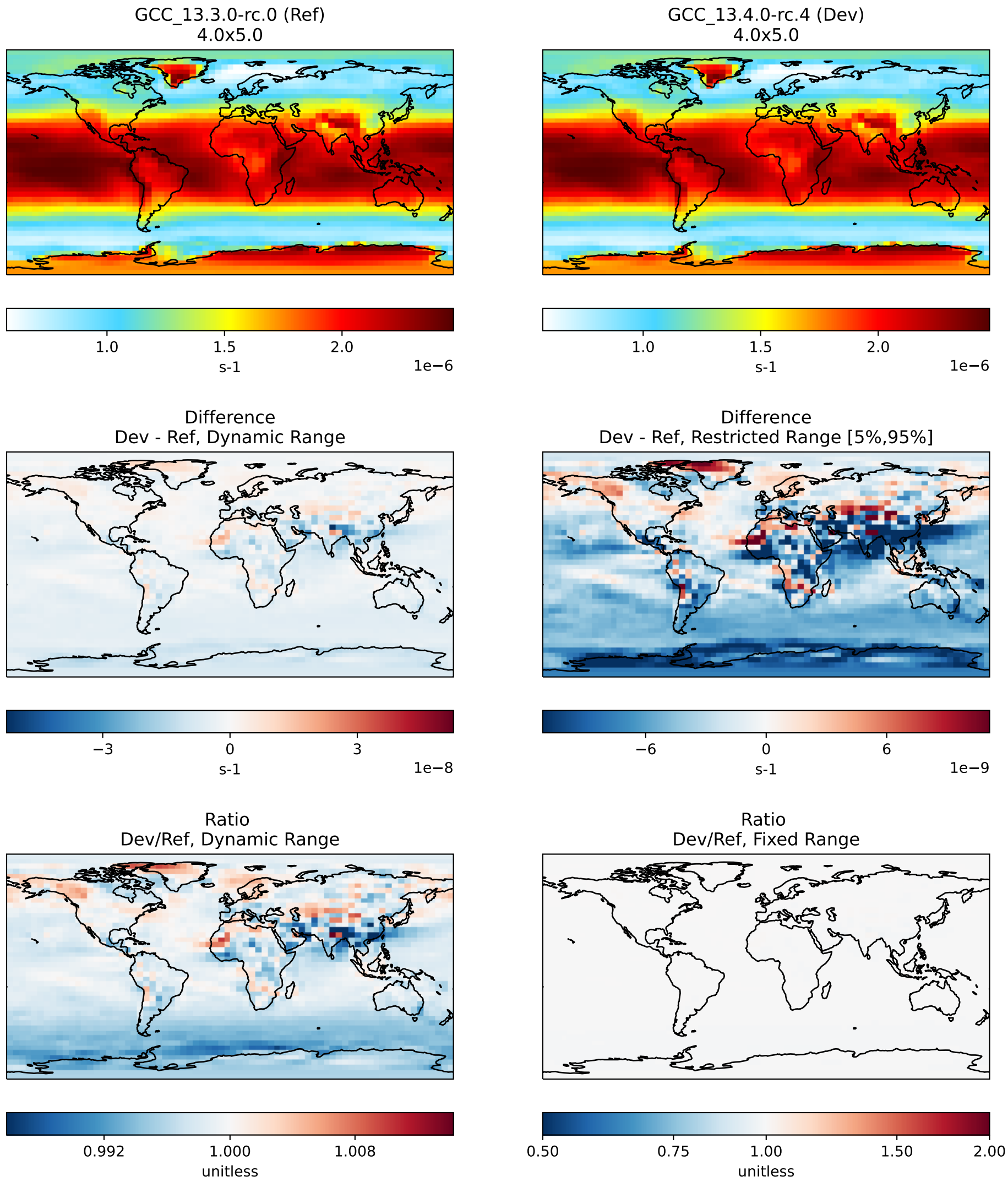
Jval_H1301 (AnnualMean)



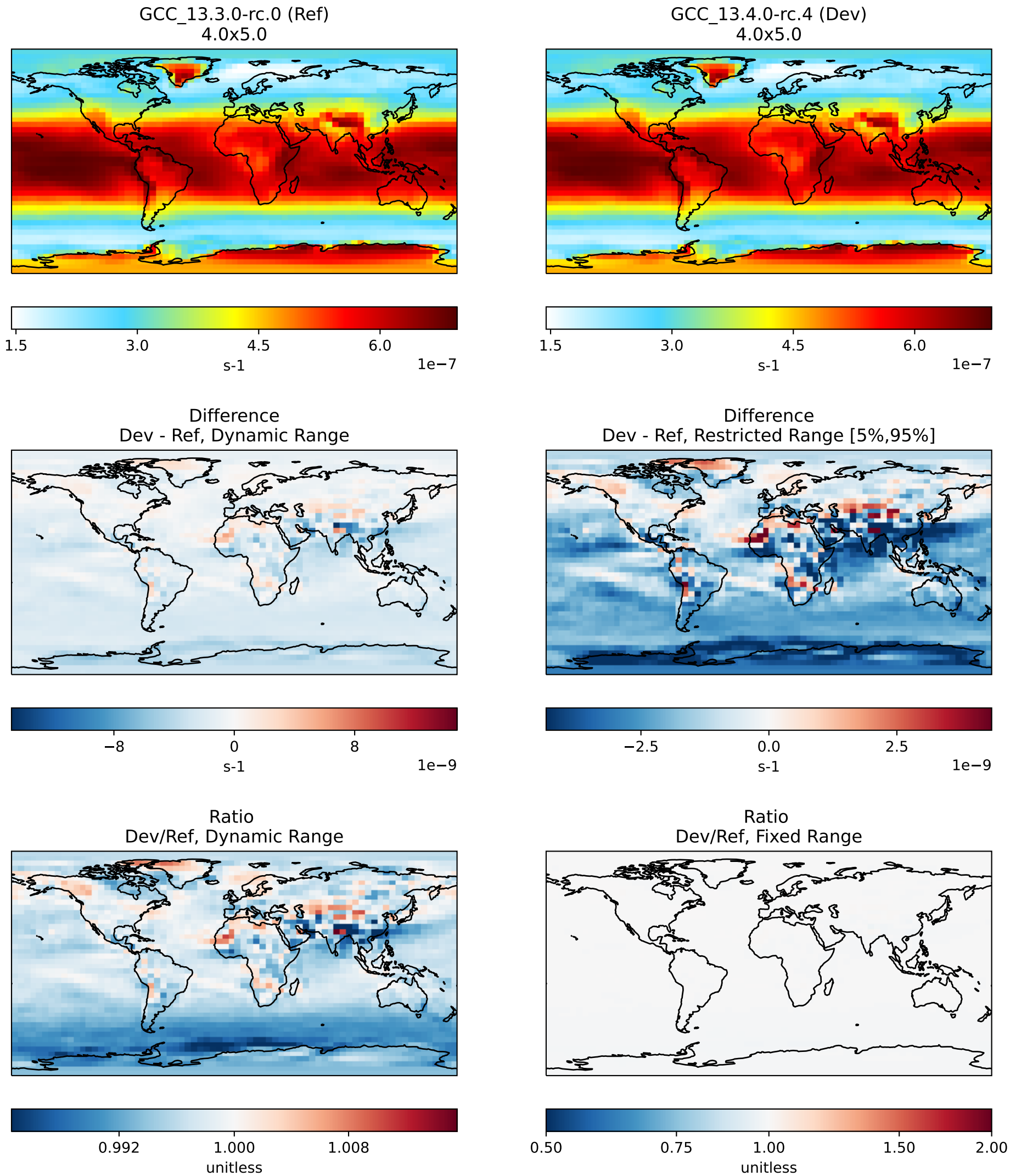
Jval_H2402 (AnnualMean)



Jval_H2O2 (AnnualMean)

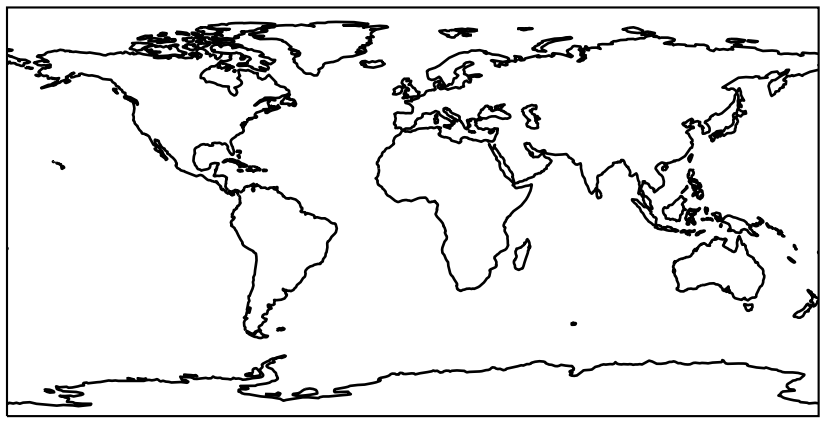


Jval_HAC (AnnualMean)



Jval_HC5A (AnnualMean)

GCC_13.3.0-rc.0 (Ref)
4.0x5.0



Zero throughout domain
s-1

GCC_13.4.0-rc.4 (Dev)
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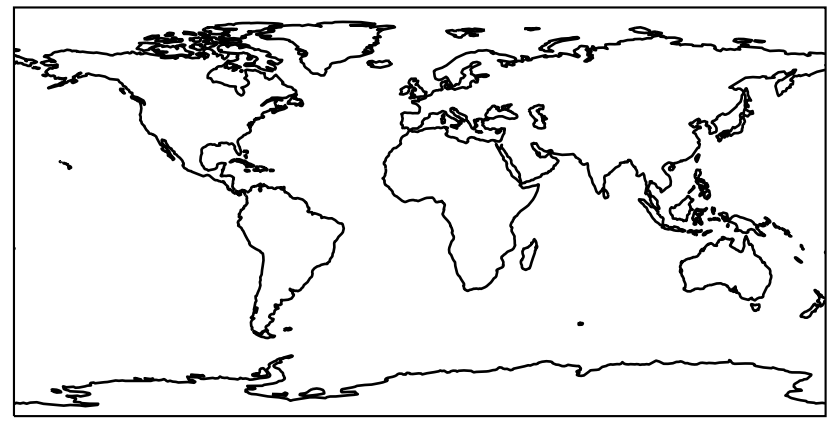
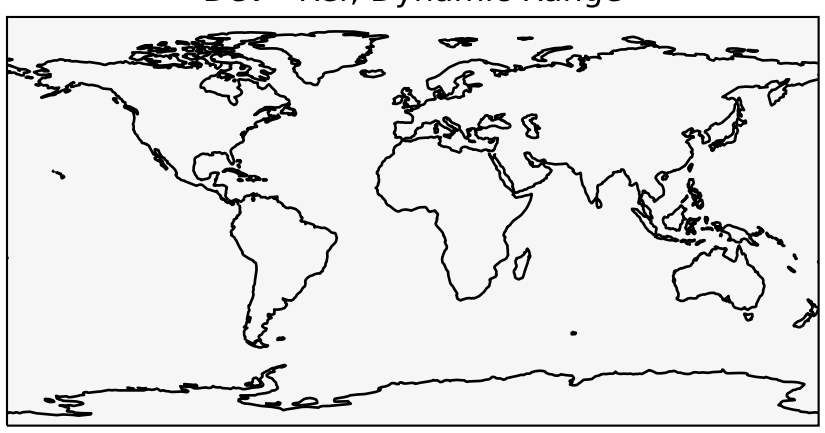


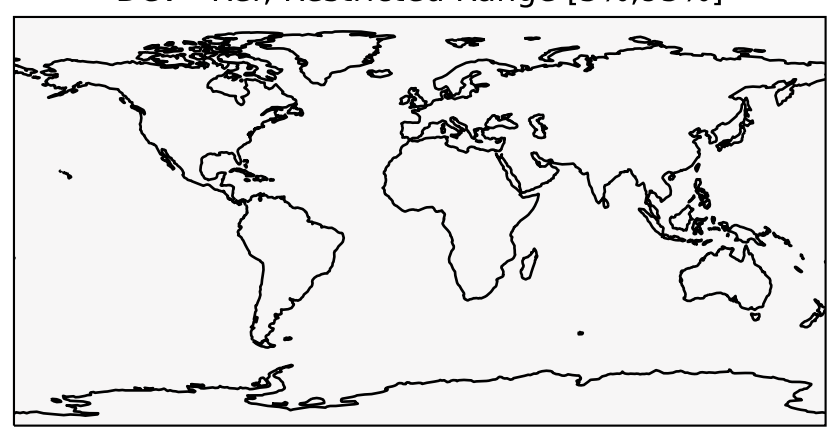
Zero throughout domain
s-1

Difference
Dev - Ref, Dynamic Range



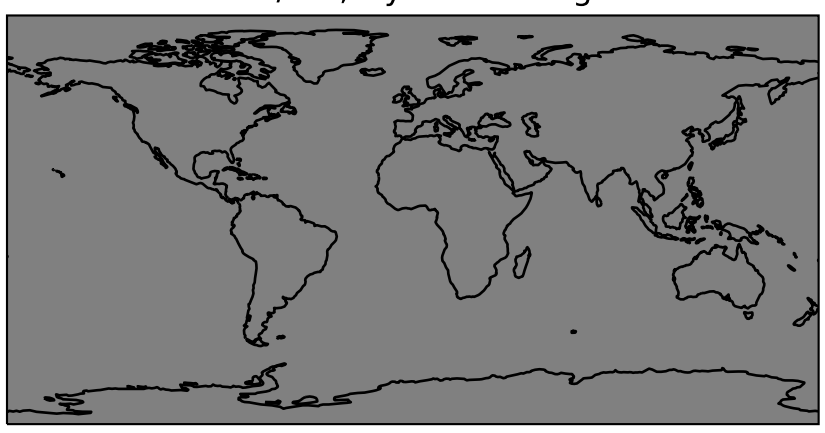
Zero throughout domain
s-1

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



Zero throughout domain
s-1

Ratio
Dev/Ref, Dynamic Range



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Ratio
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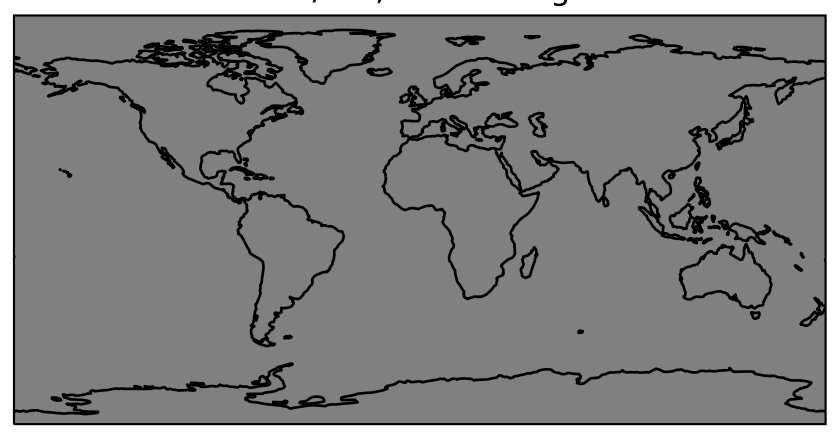

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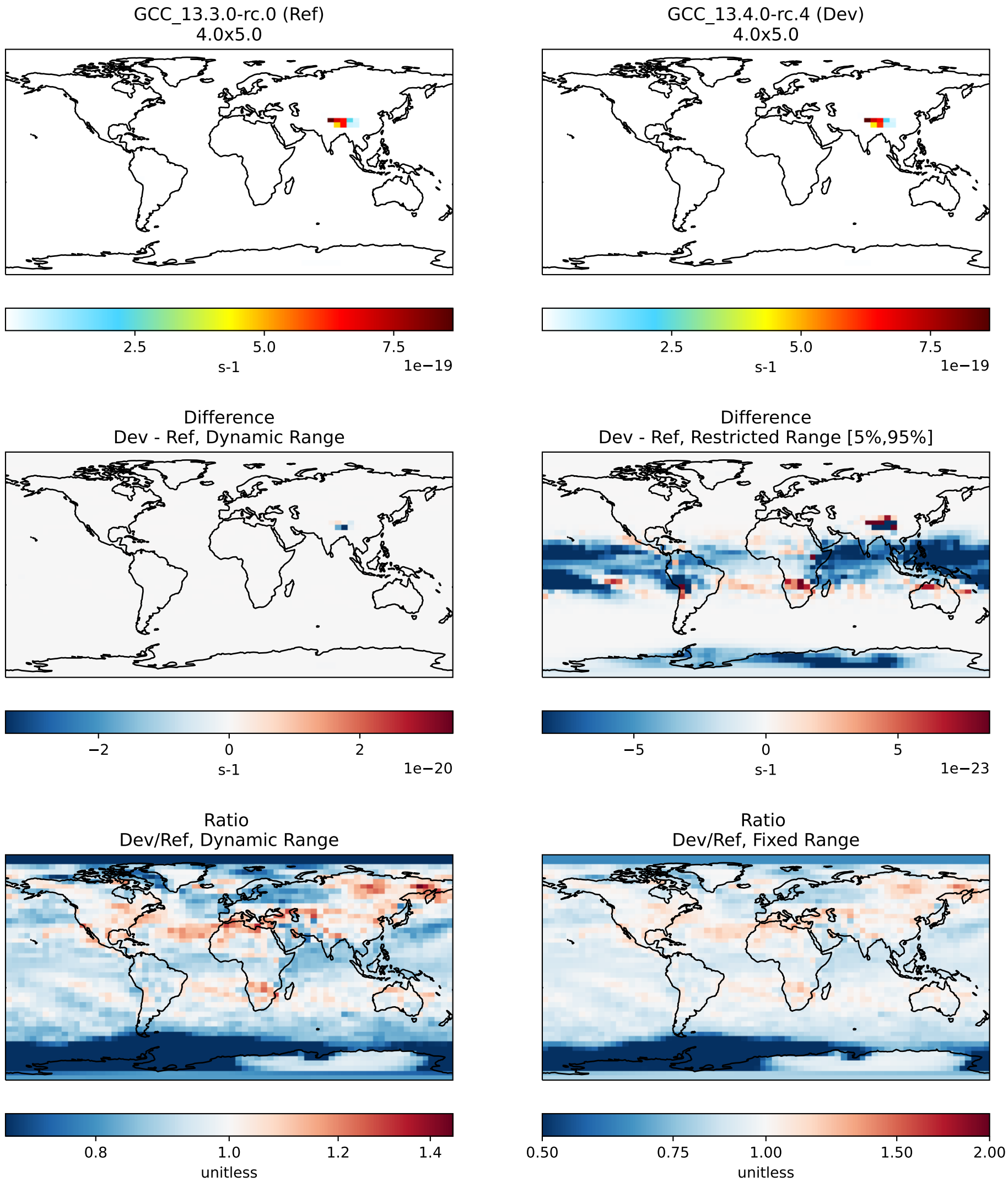
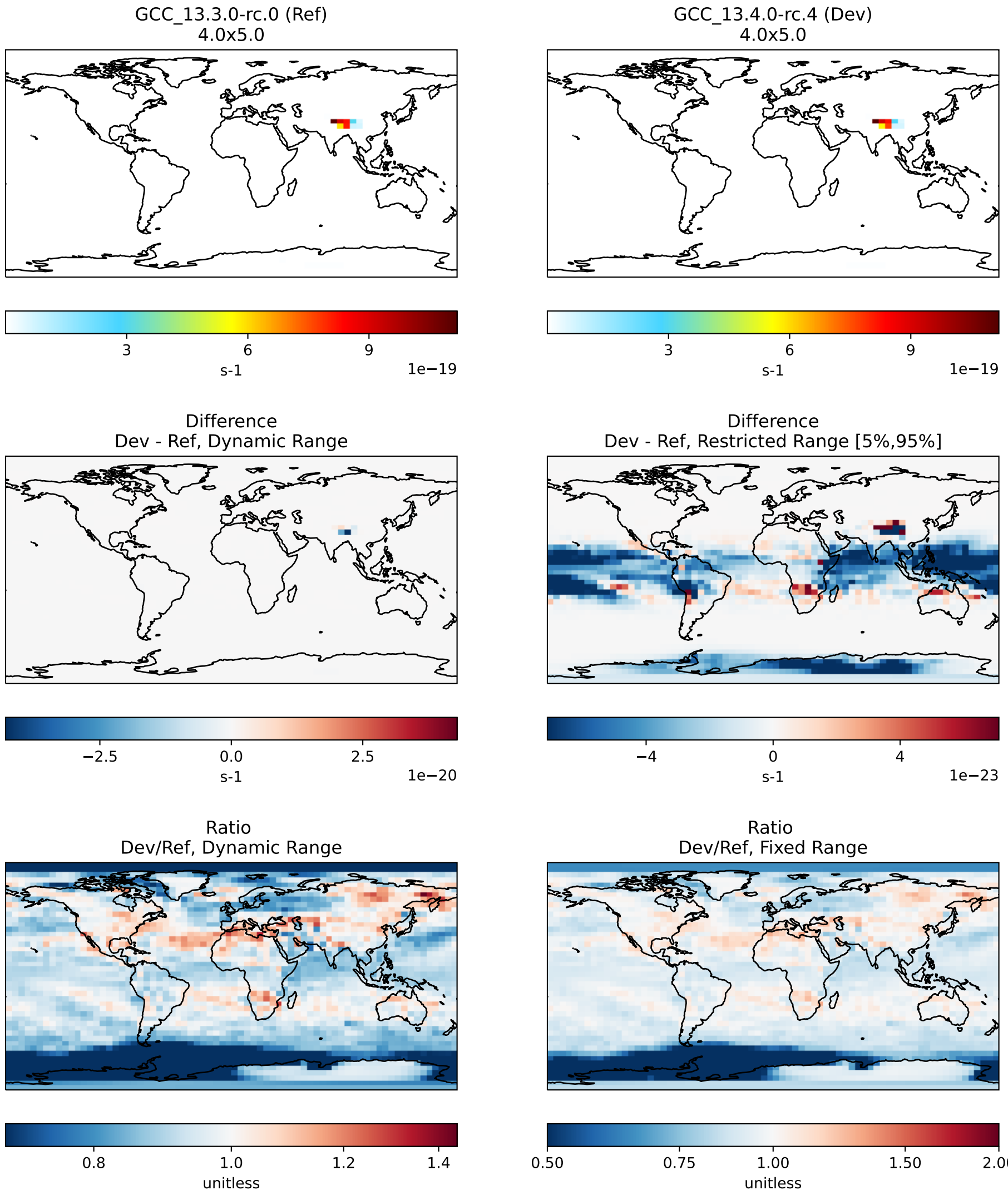
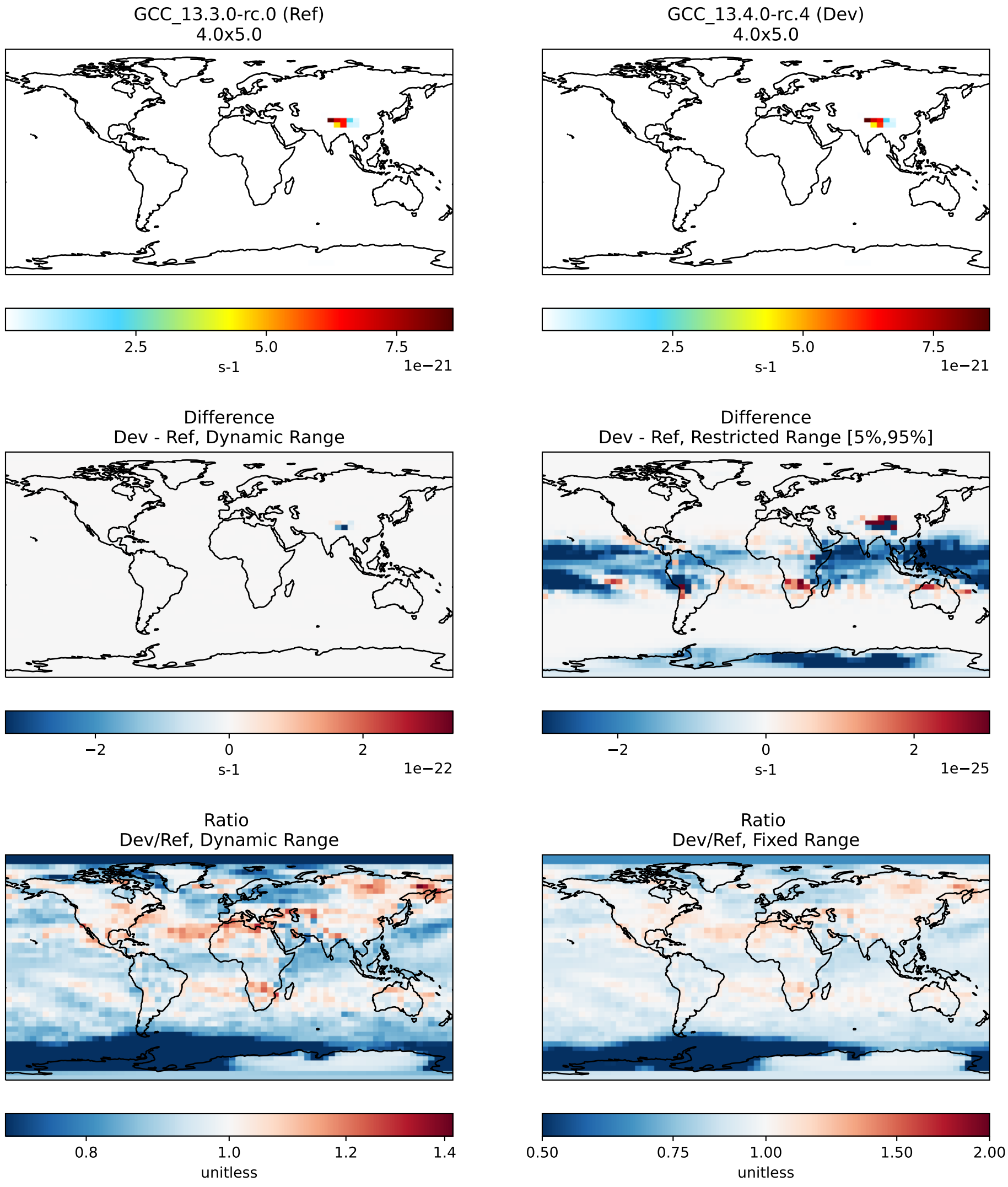
Jval_HCFC123 (AnnualMean)



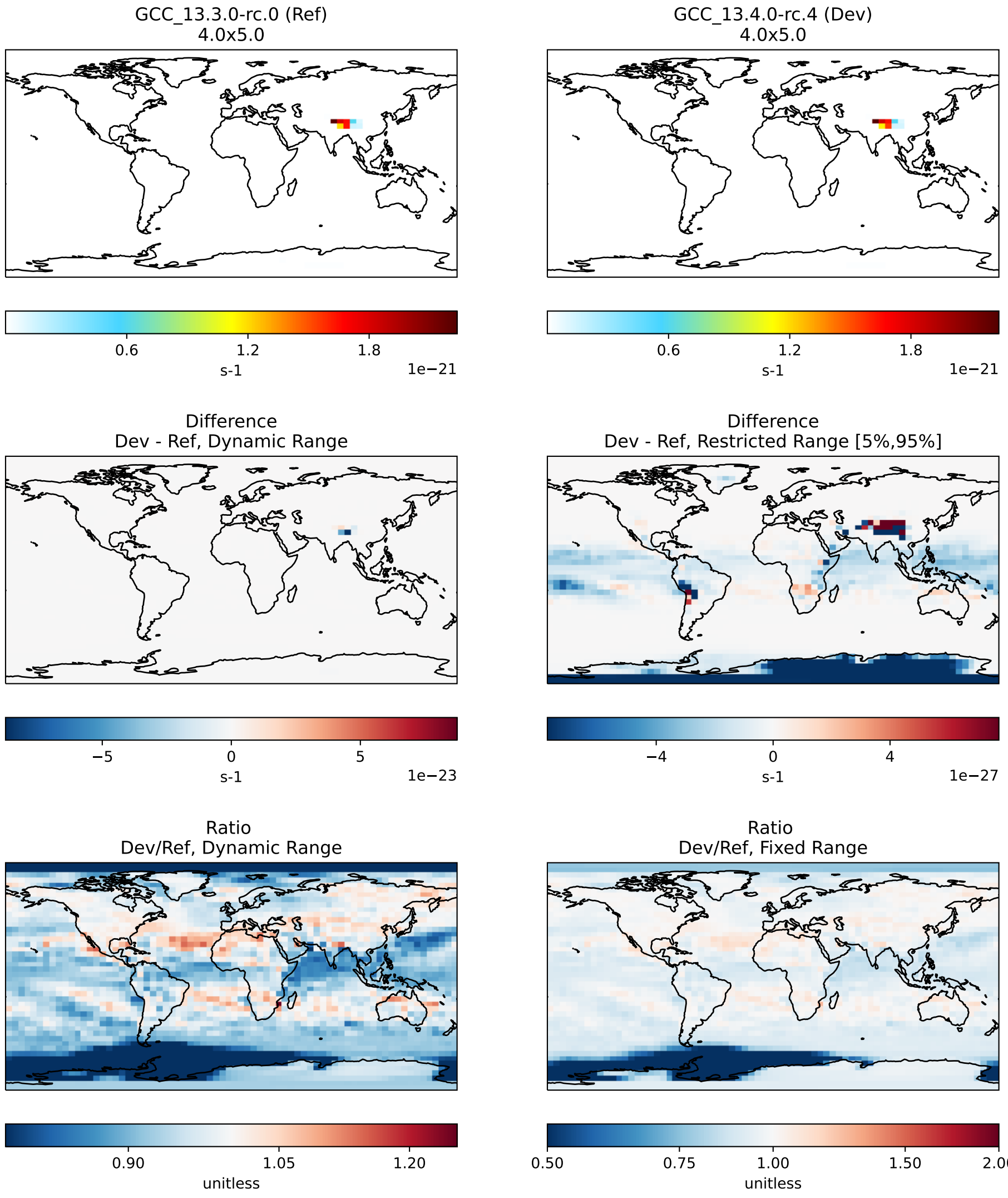
Jval_HCFC141b (AnnualMean)



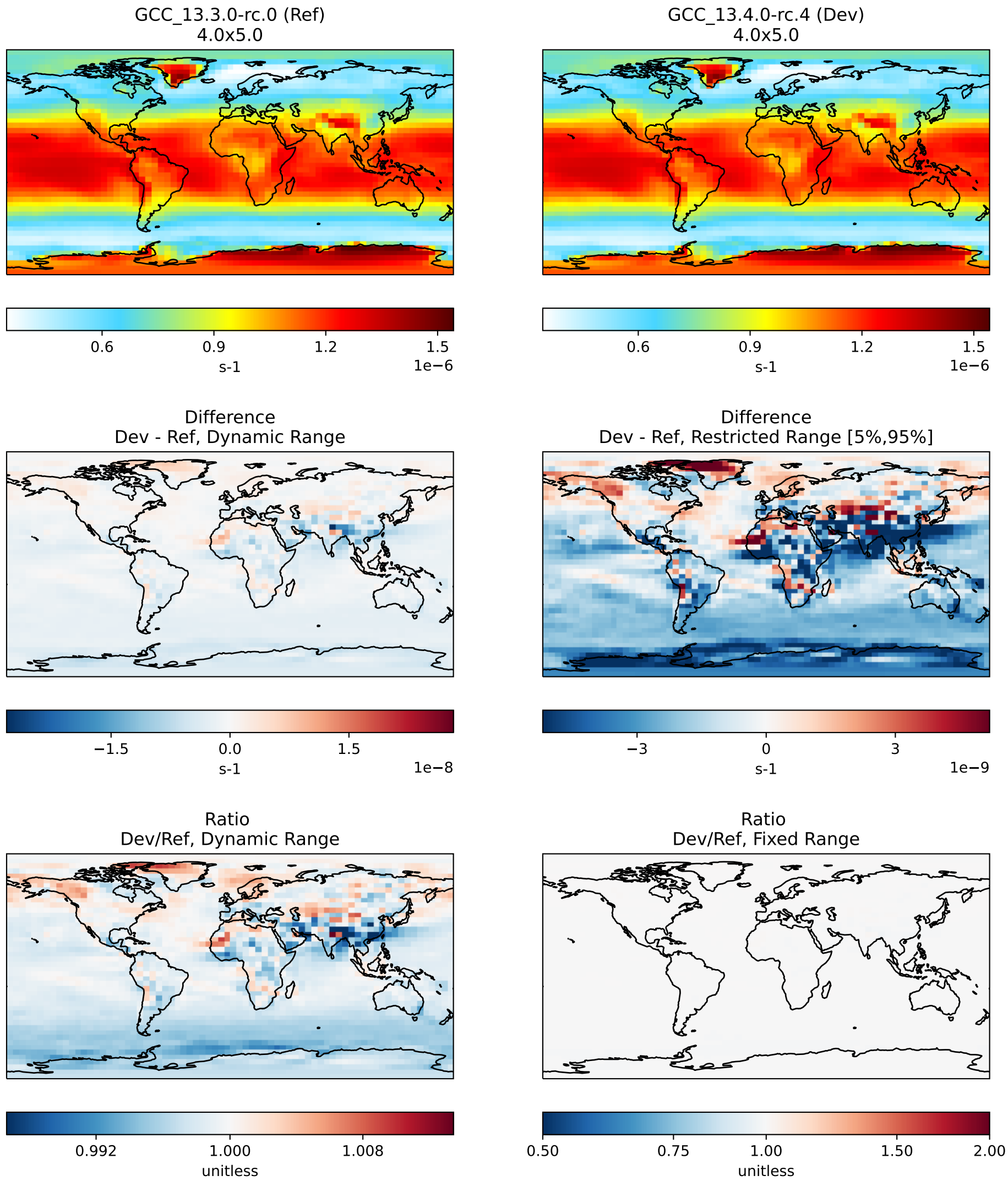
Jval_HCFC142b (AnnualMean)



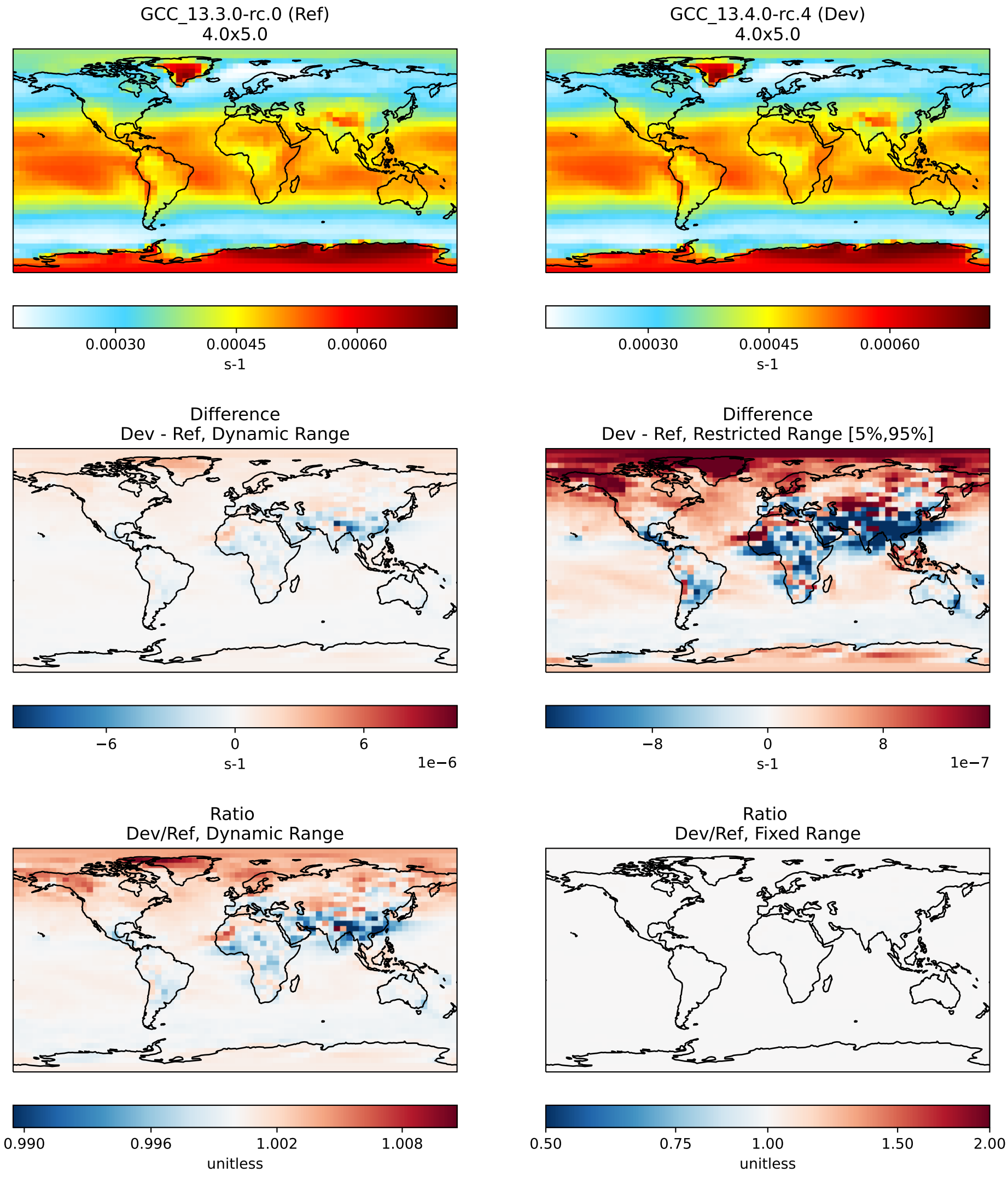
Jval_HCFC22 (AnnualMean)



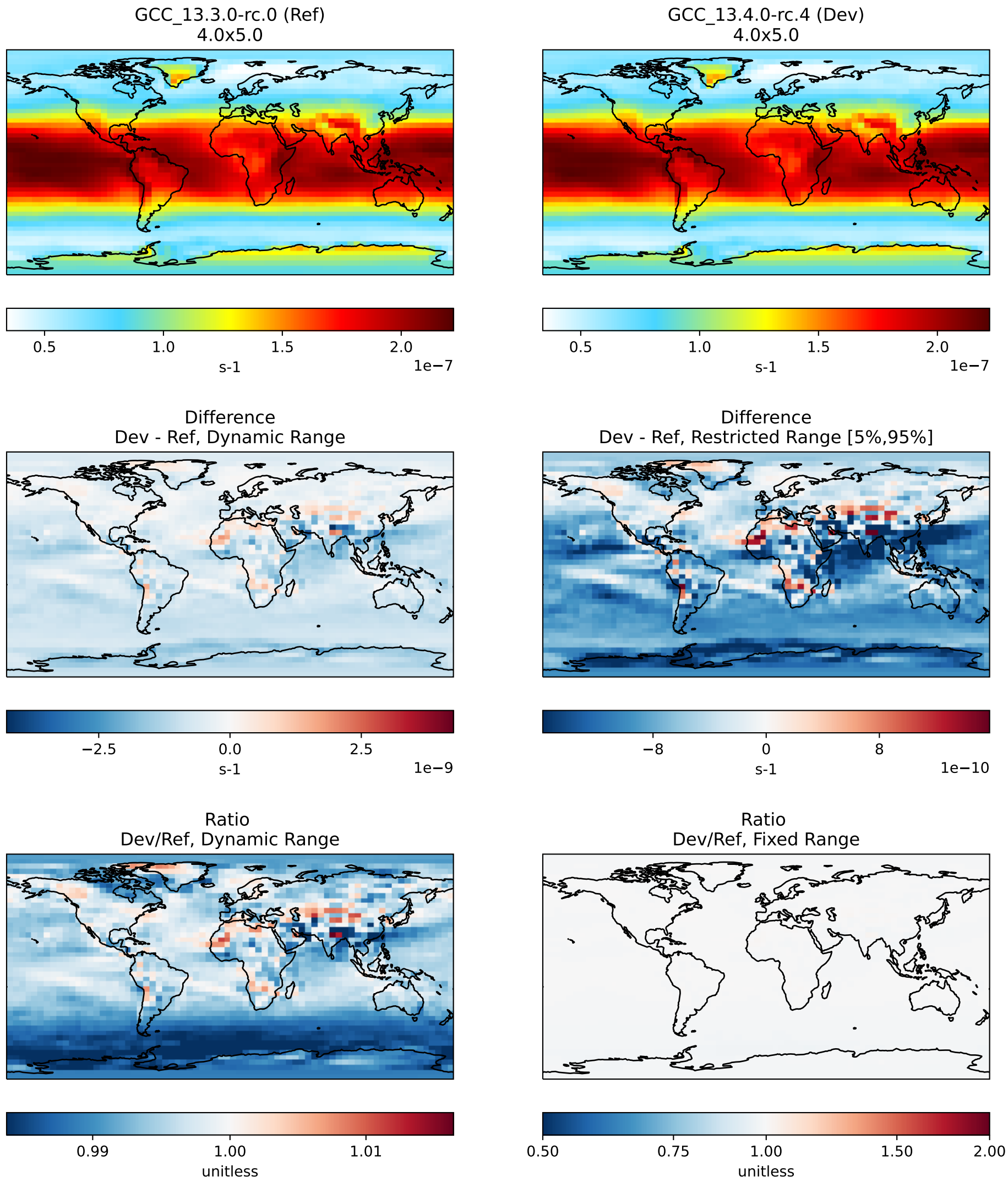
Jval_HMHP (AnnualMean)



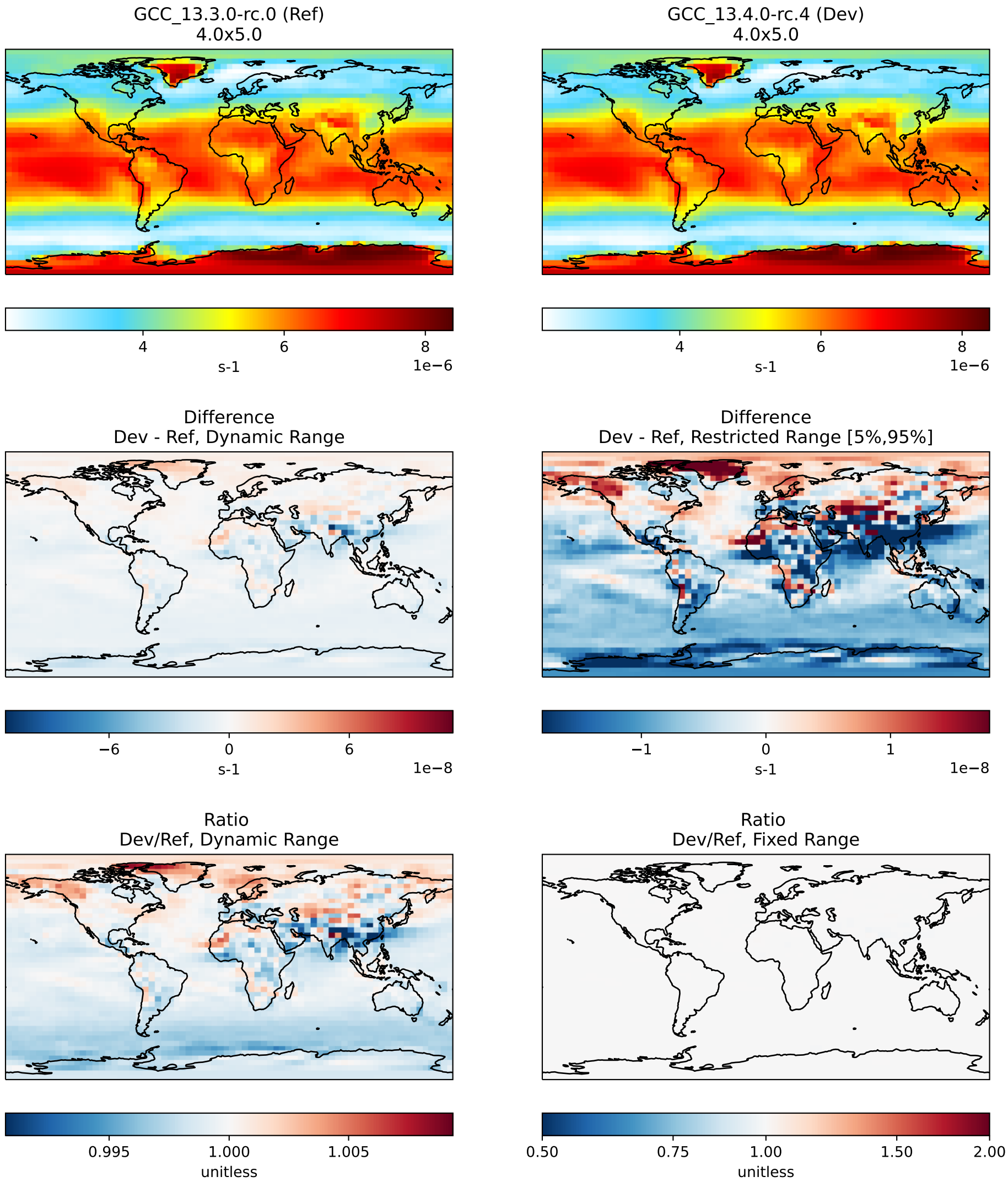
Jval_HNO2 (AnnualMean)



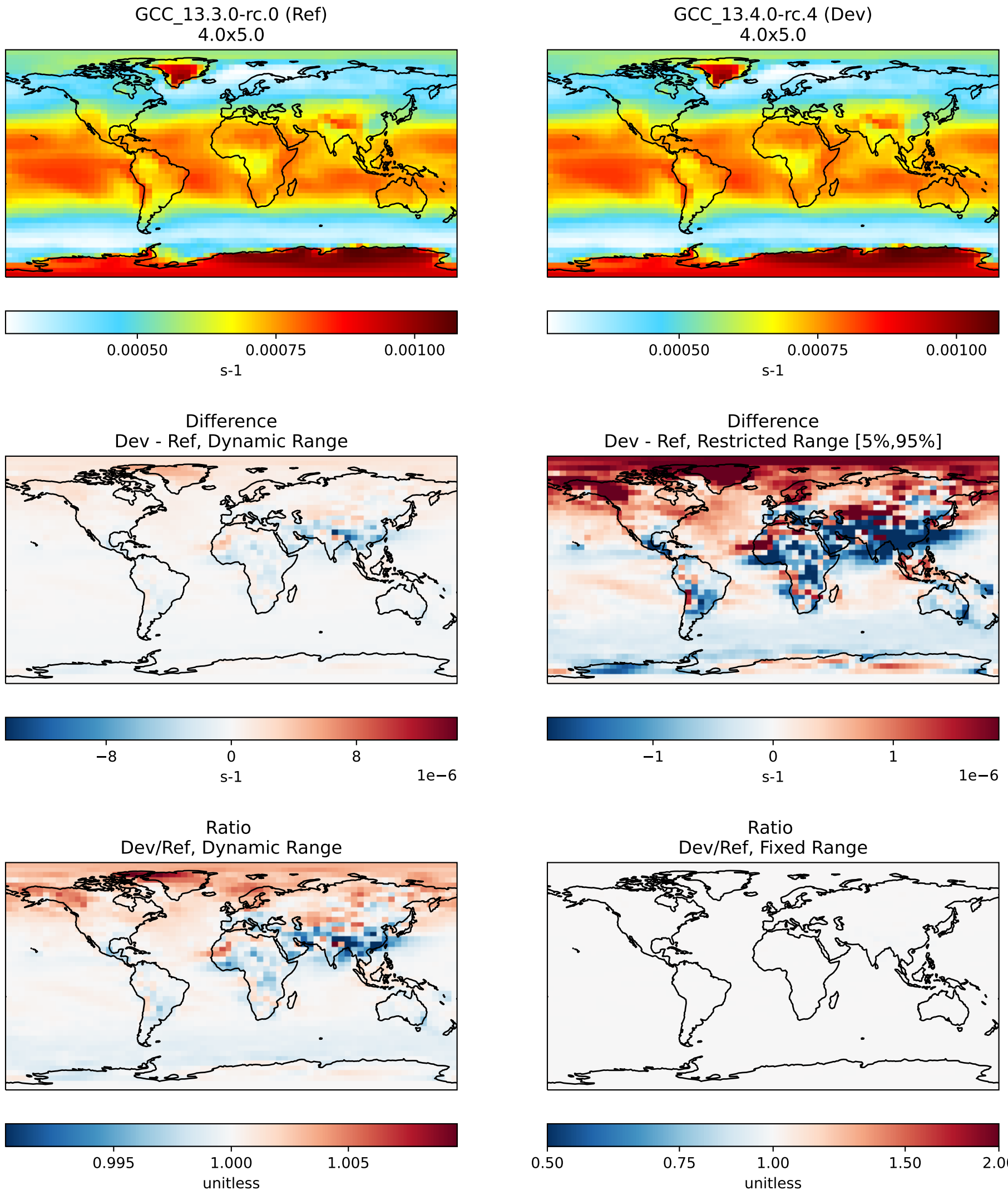
Jval_HNO3 (AnnualMean)



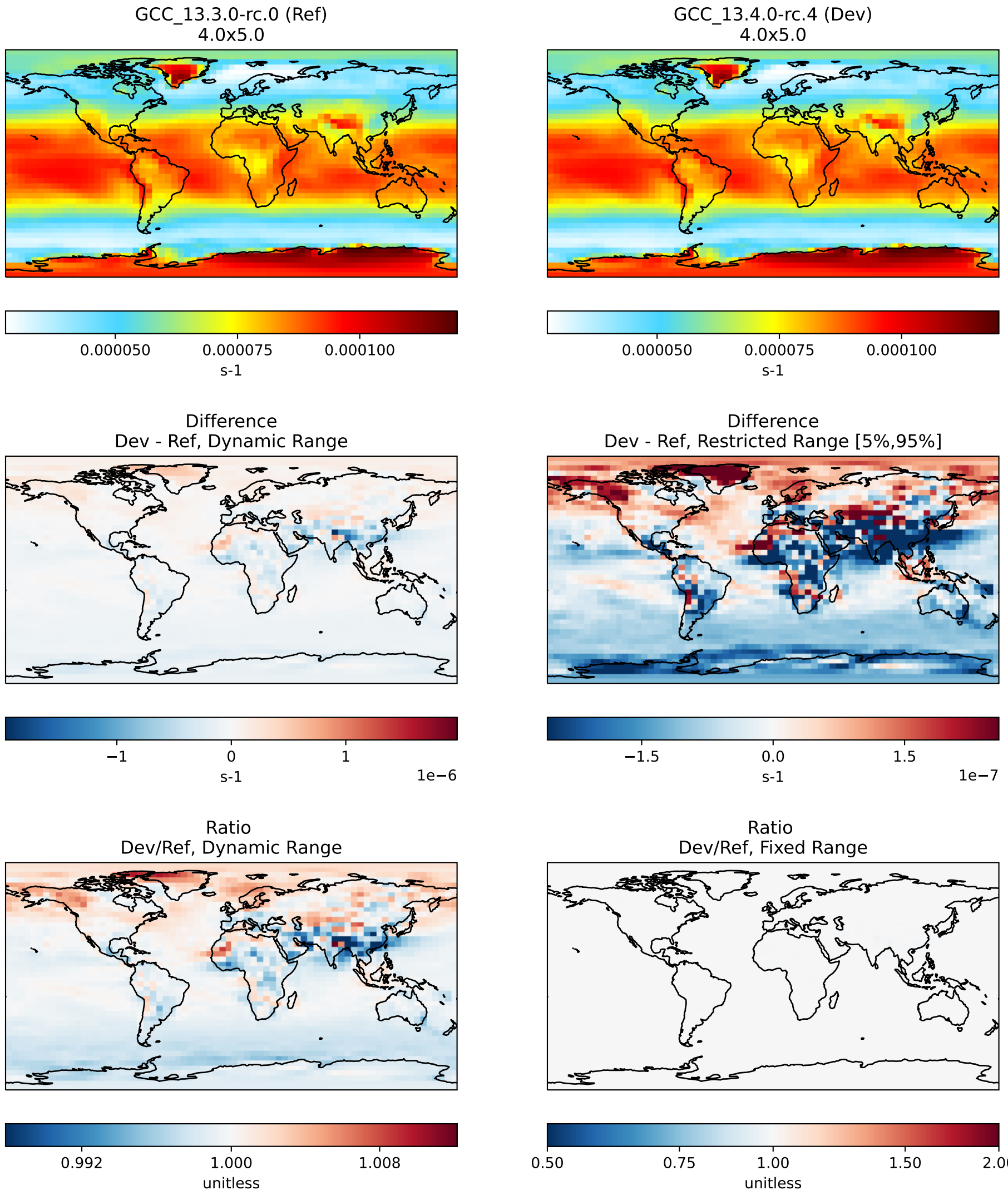
Jval_HNO4 (AnnualMean)



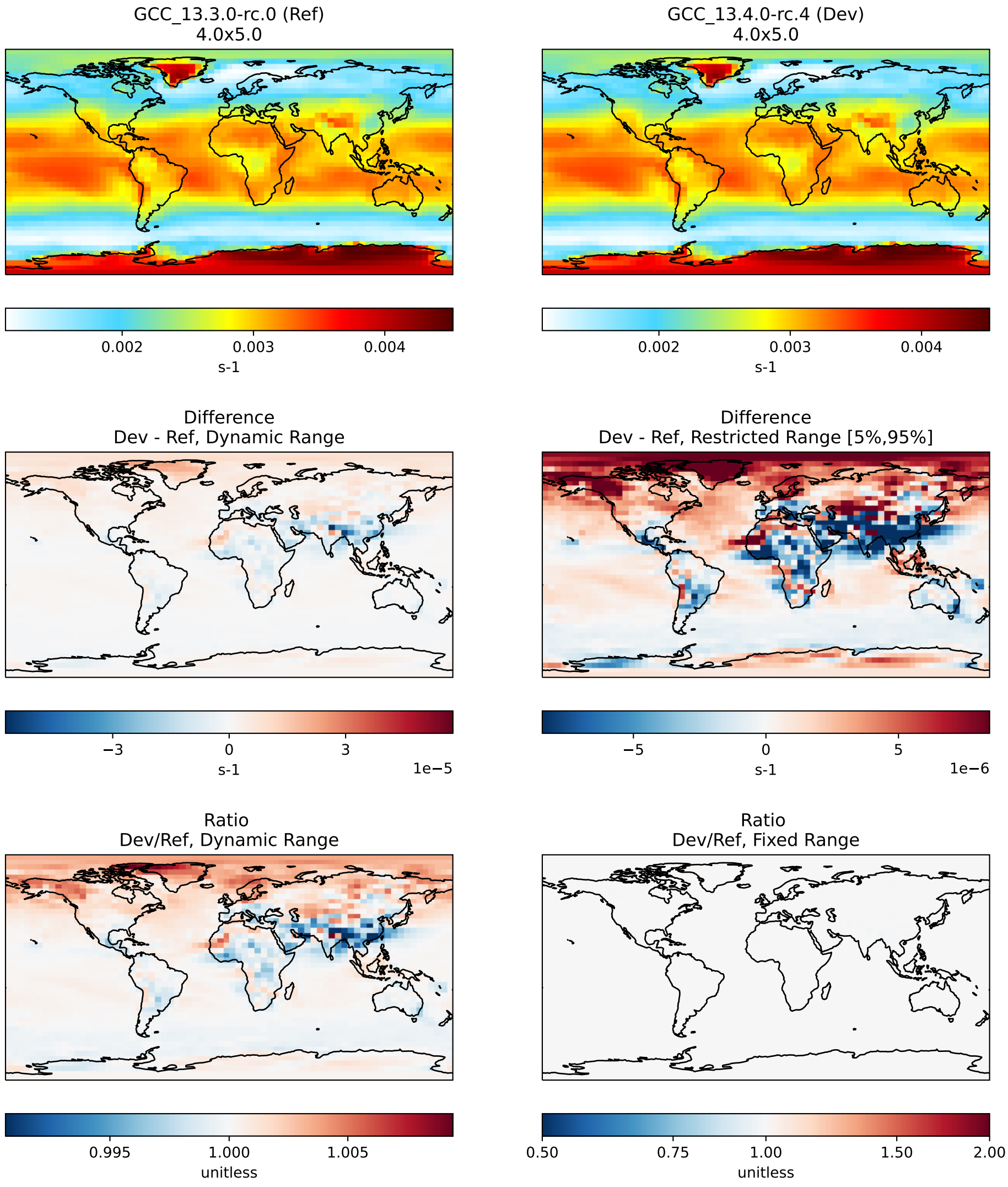
Jval_HOBr (AnnualMean)



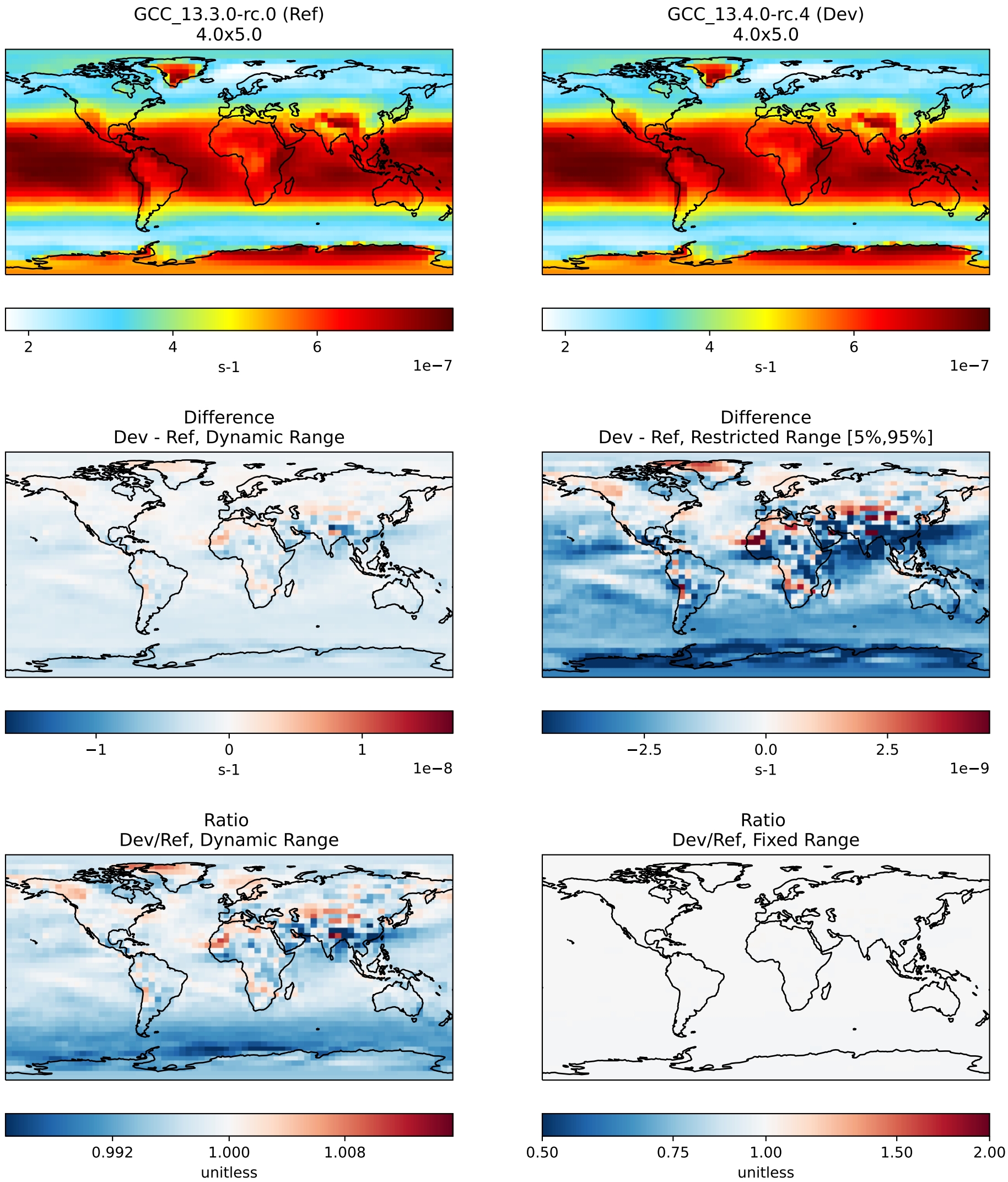
Jval_HOCl (AnnualMean)



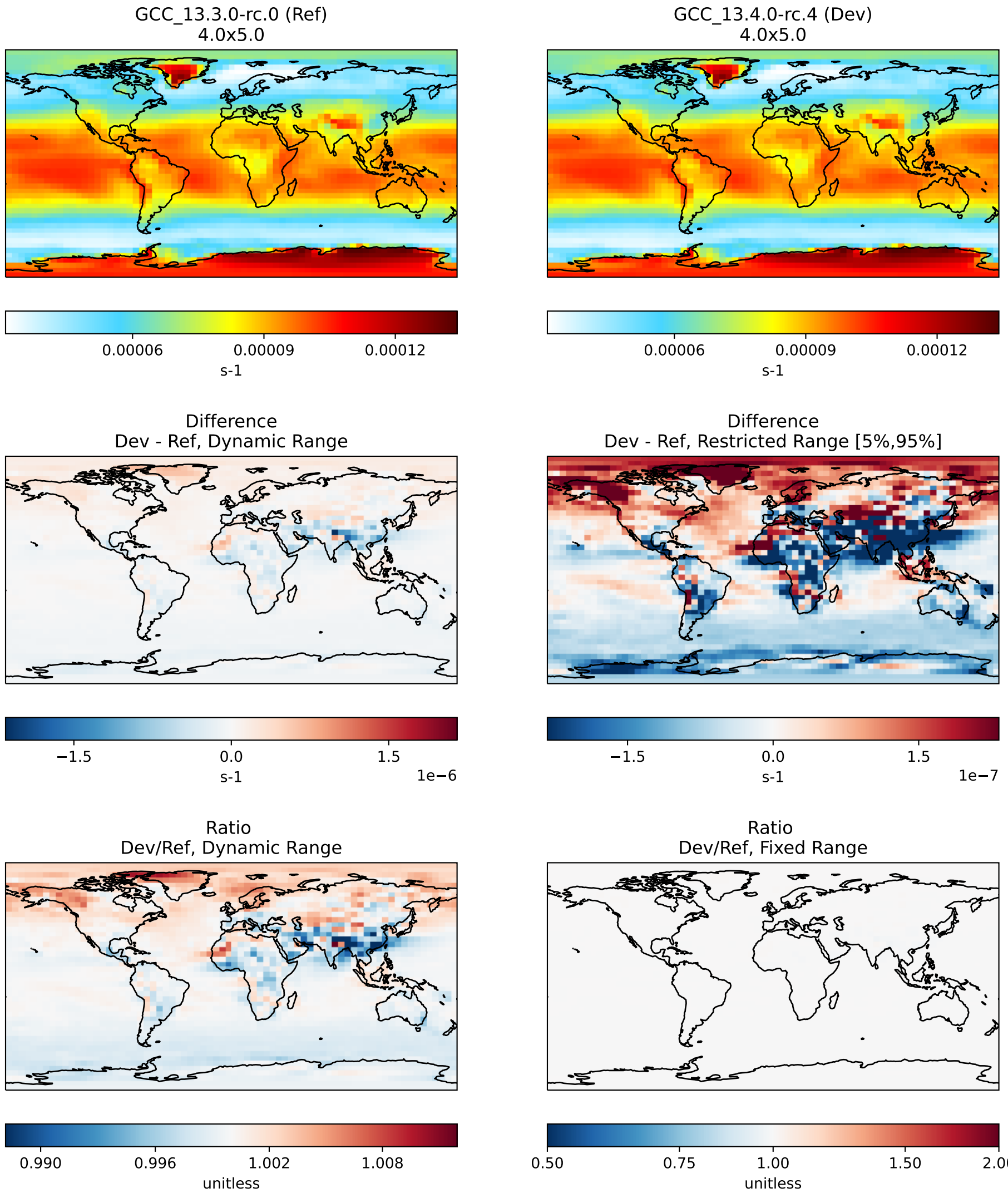
Jval_HOI (AnnualMean)



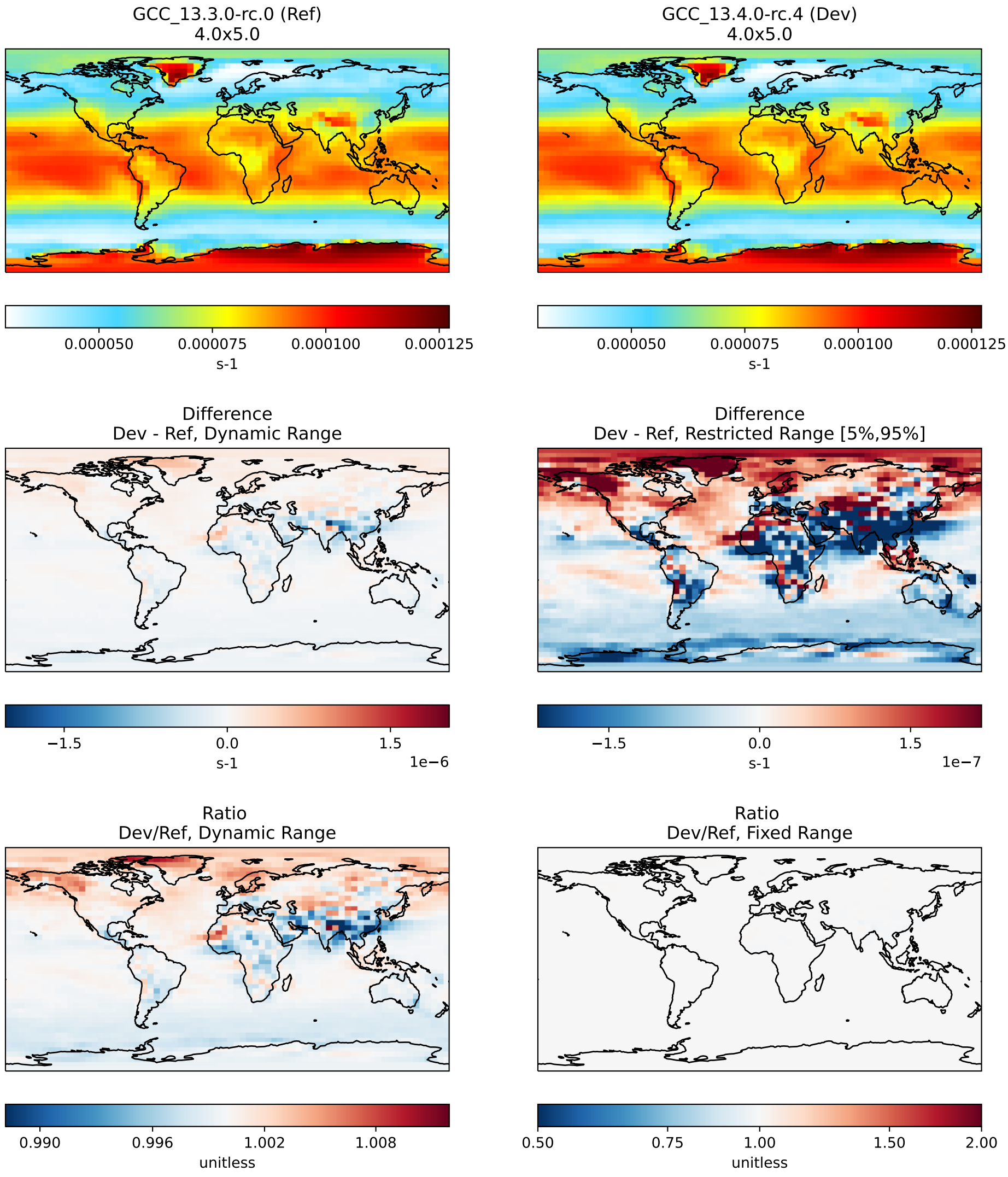
Jval_HONIT (AnnualMean)



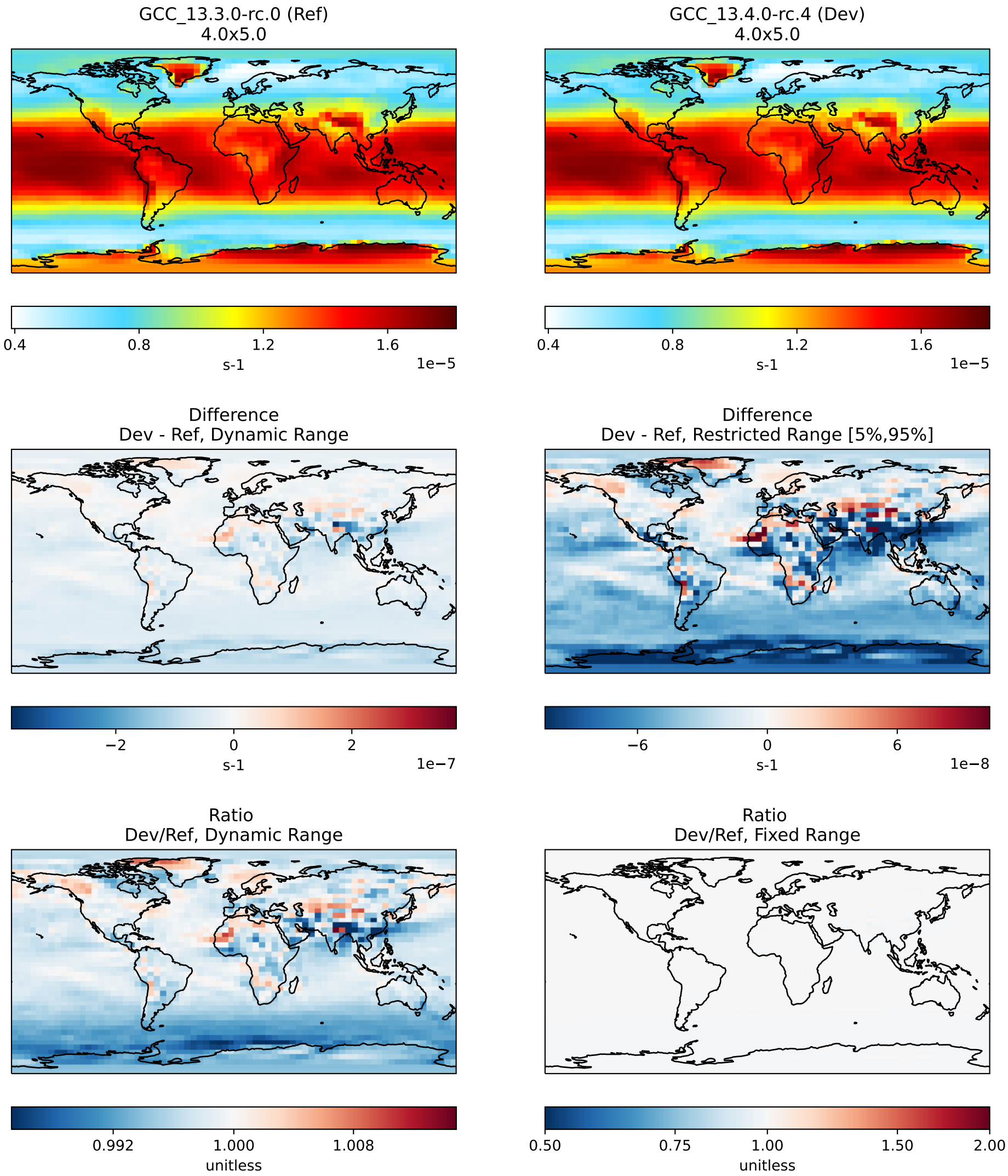
Jval_HPALD1 (AnnualMean)



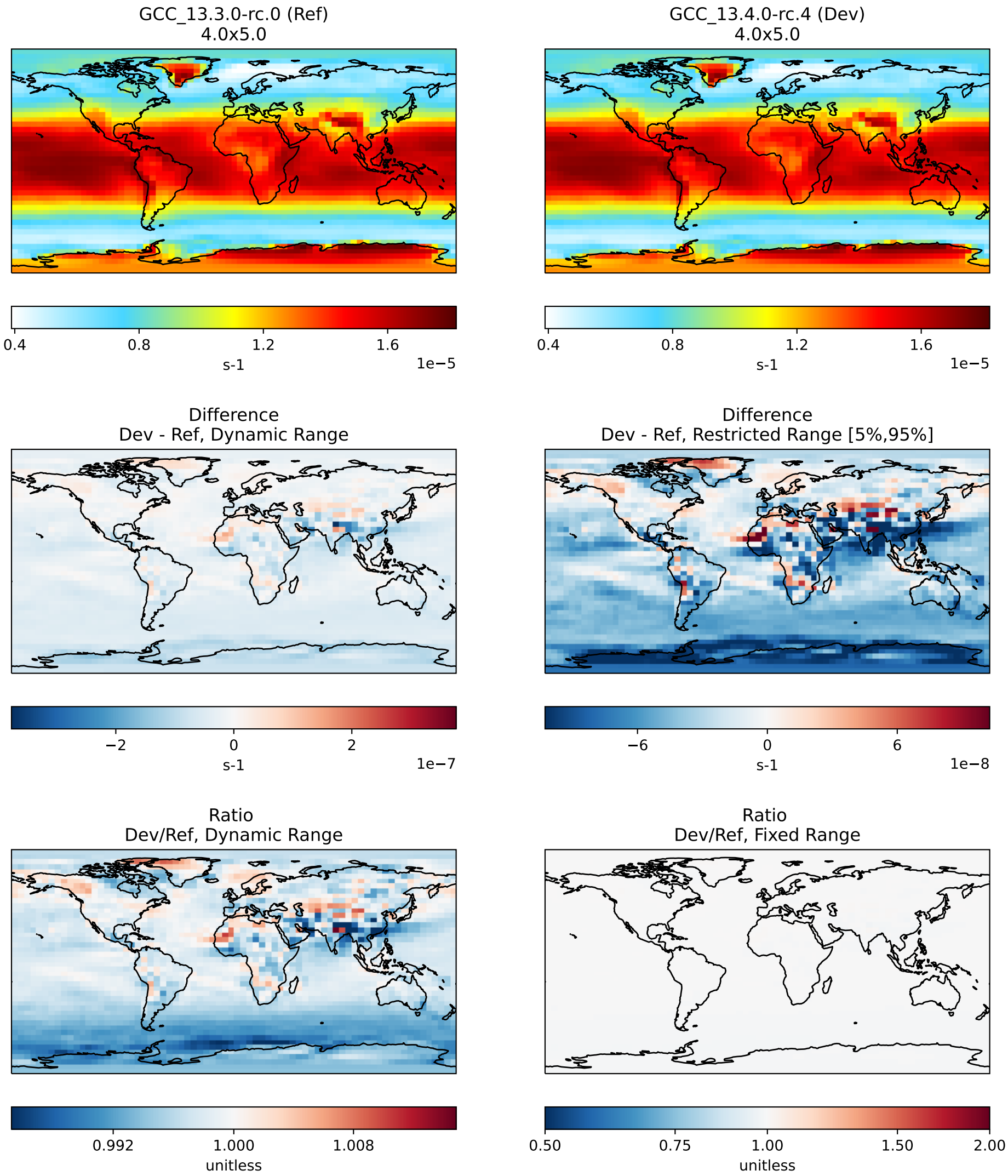
Jval_HPALD2 (AnnualMean)



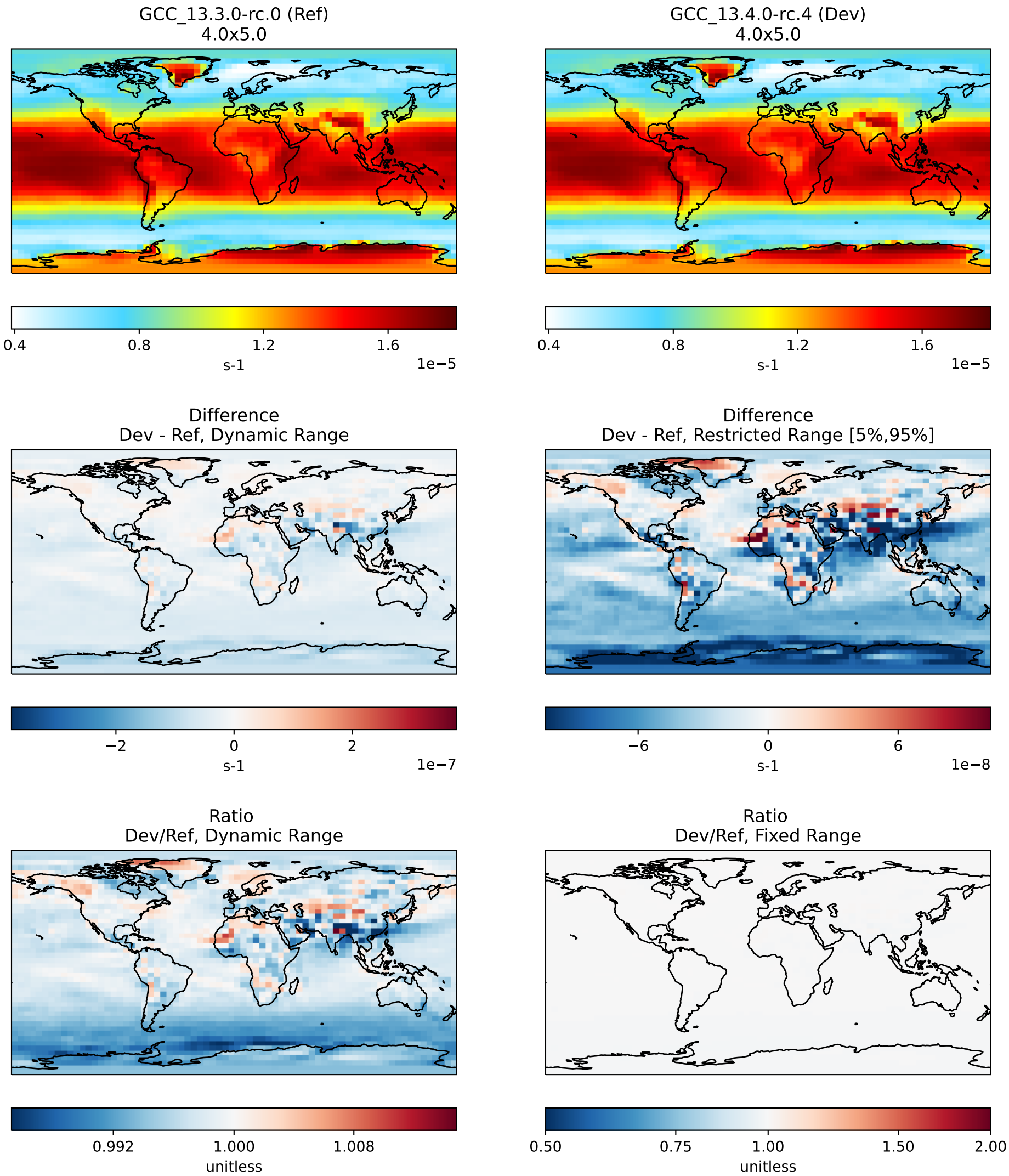
Jval_HPALD3 (AnnualMean)



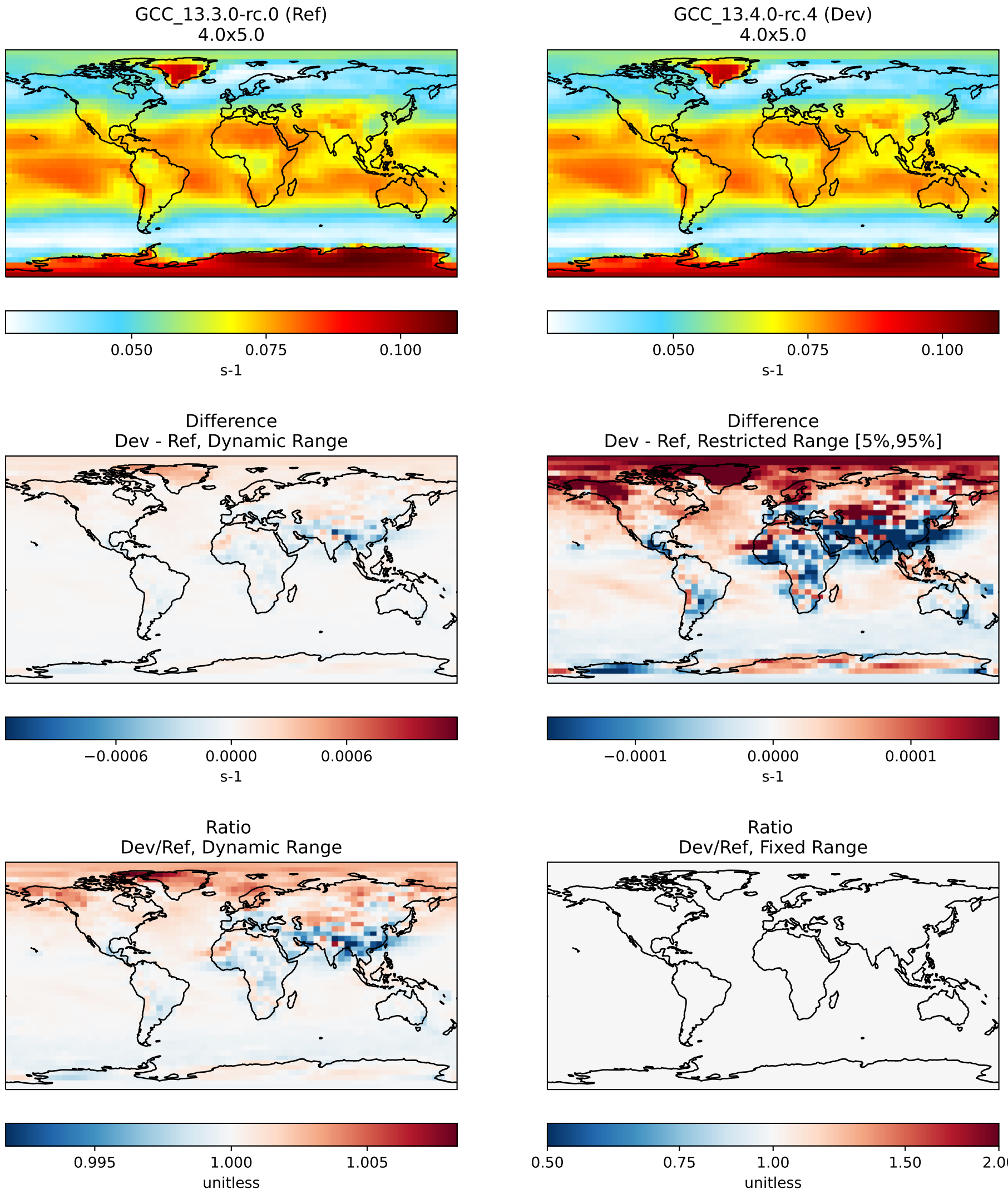
Jval_HPALD4 (AnnualMean)



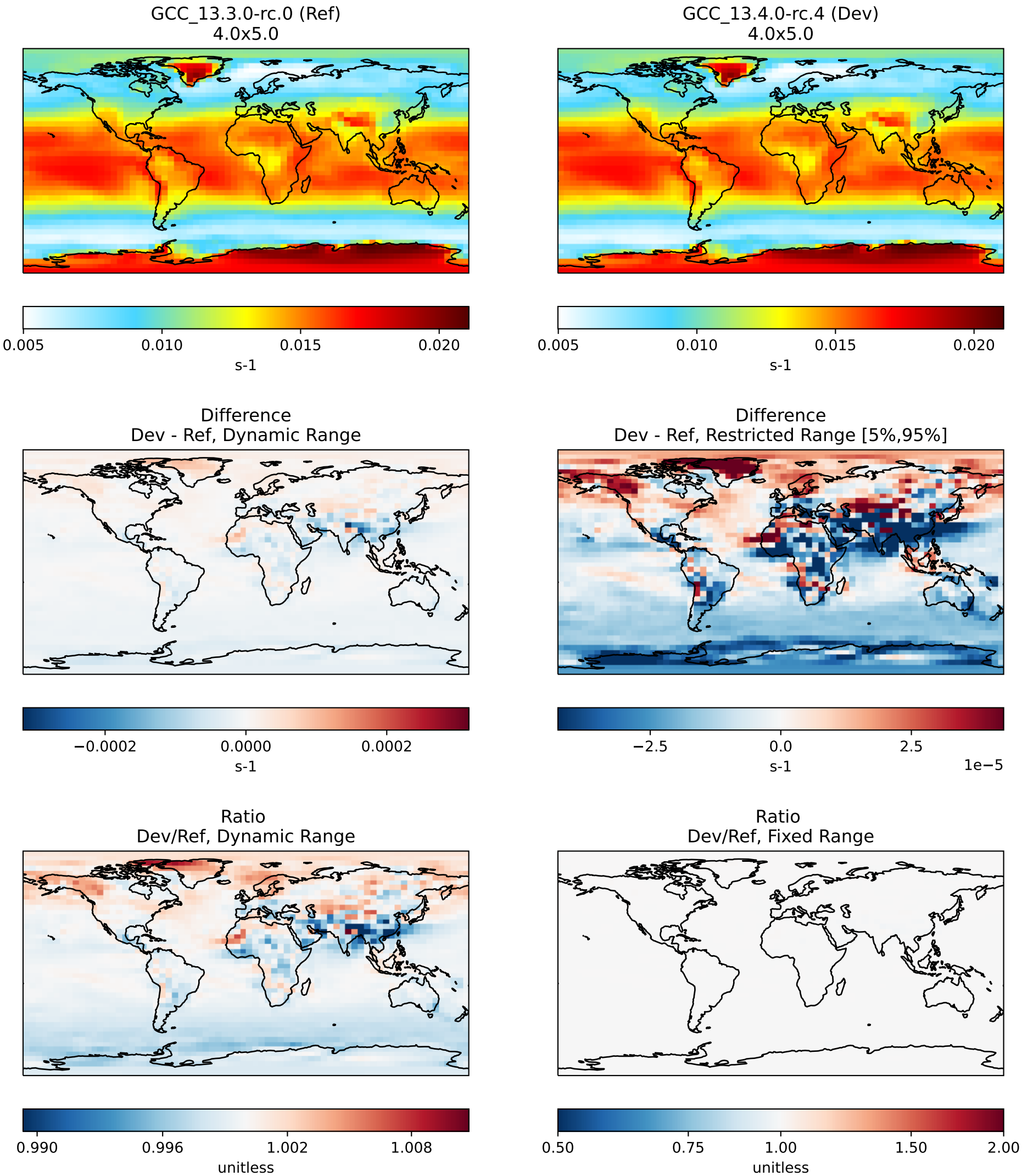
Jval_HPETHNL (AnnualMean)



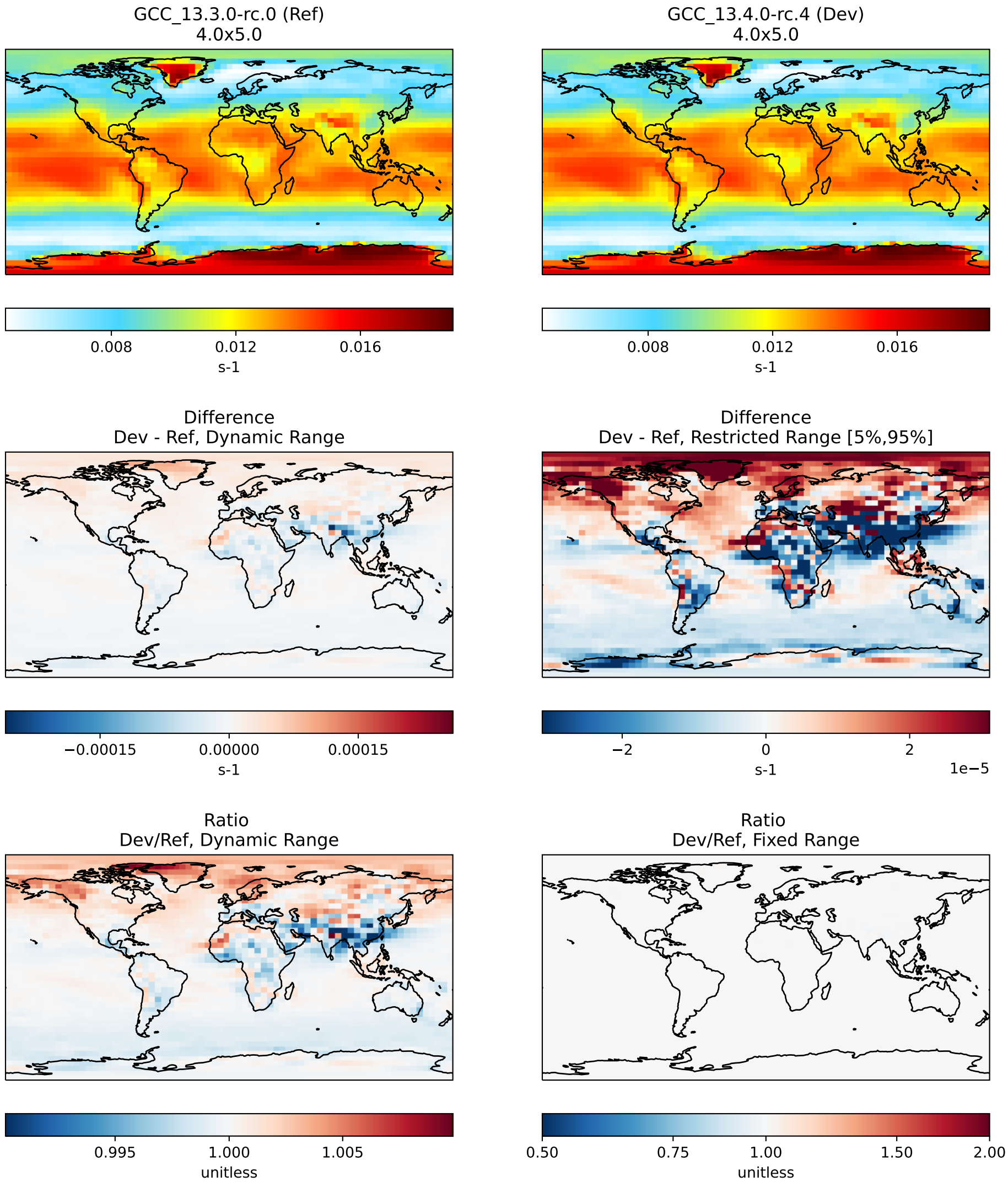
Jval_I2 (AnnualMean)



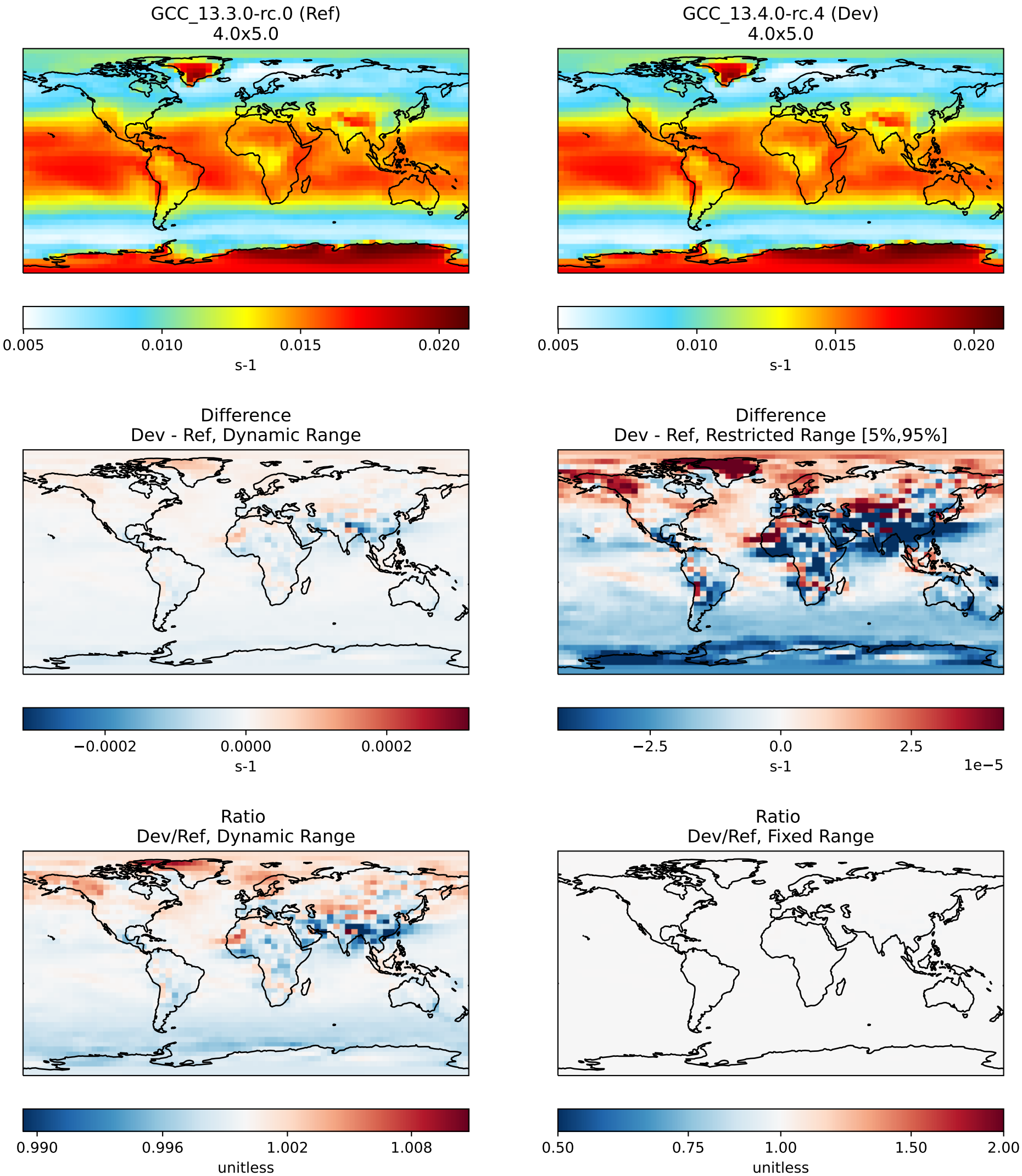
Jval_I2O2 (AnnualMean)



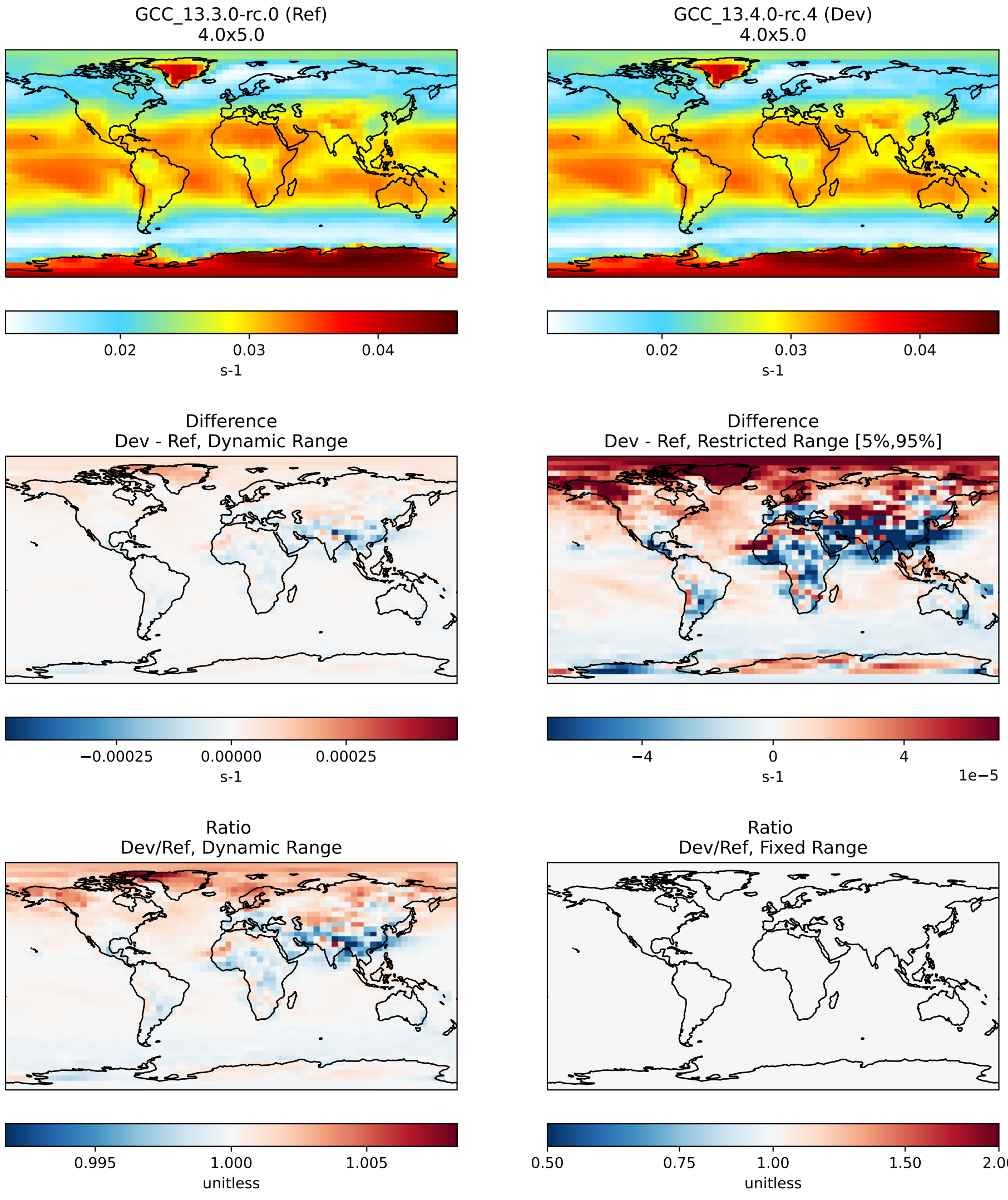
Jval_I2O3 (AnnualMean)



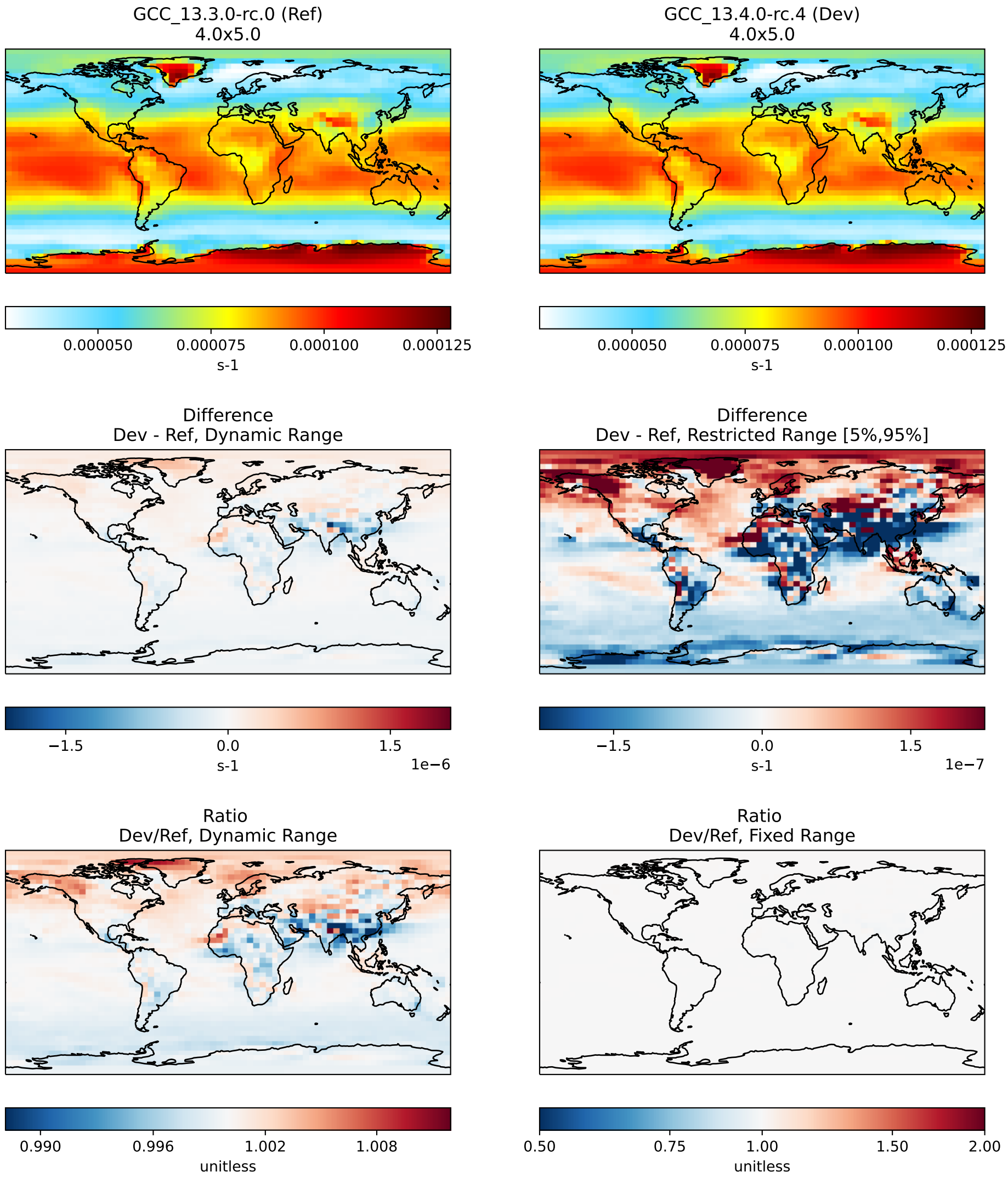
Jval_I2O4 (AnnualMean)



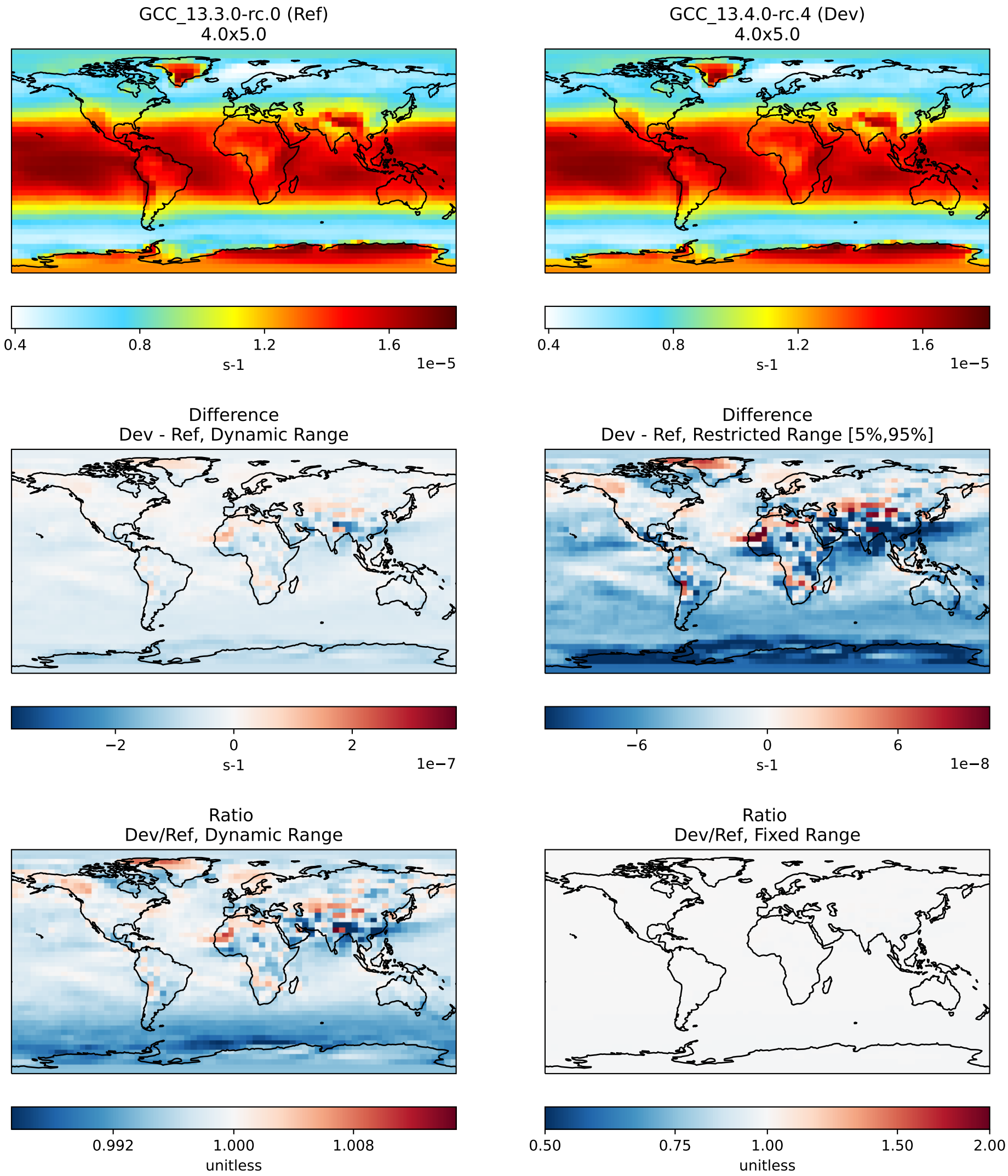
Jval_IBr (AnnualMean)



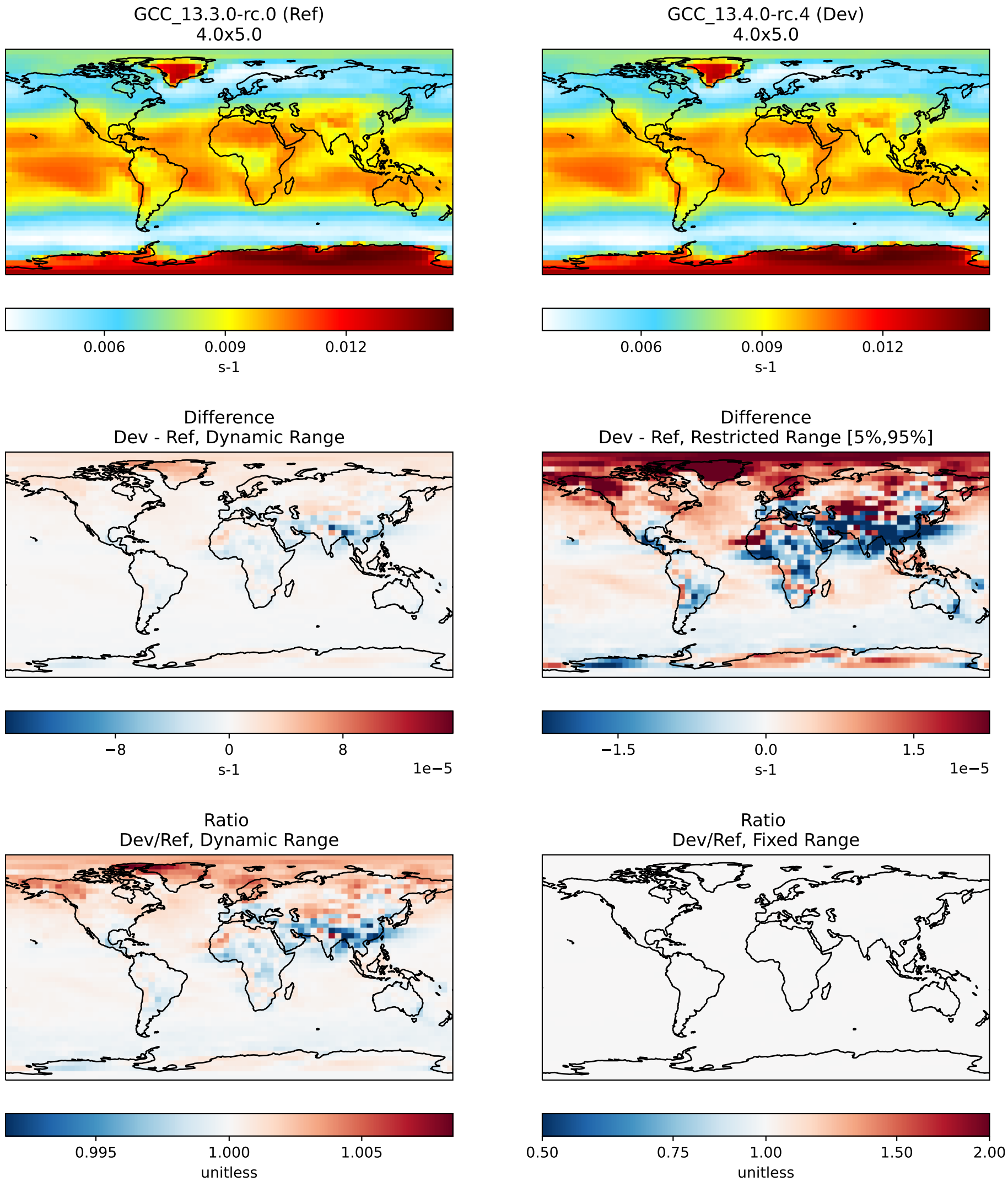
Jval_ICN (AnnualMean)



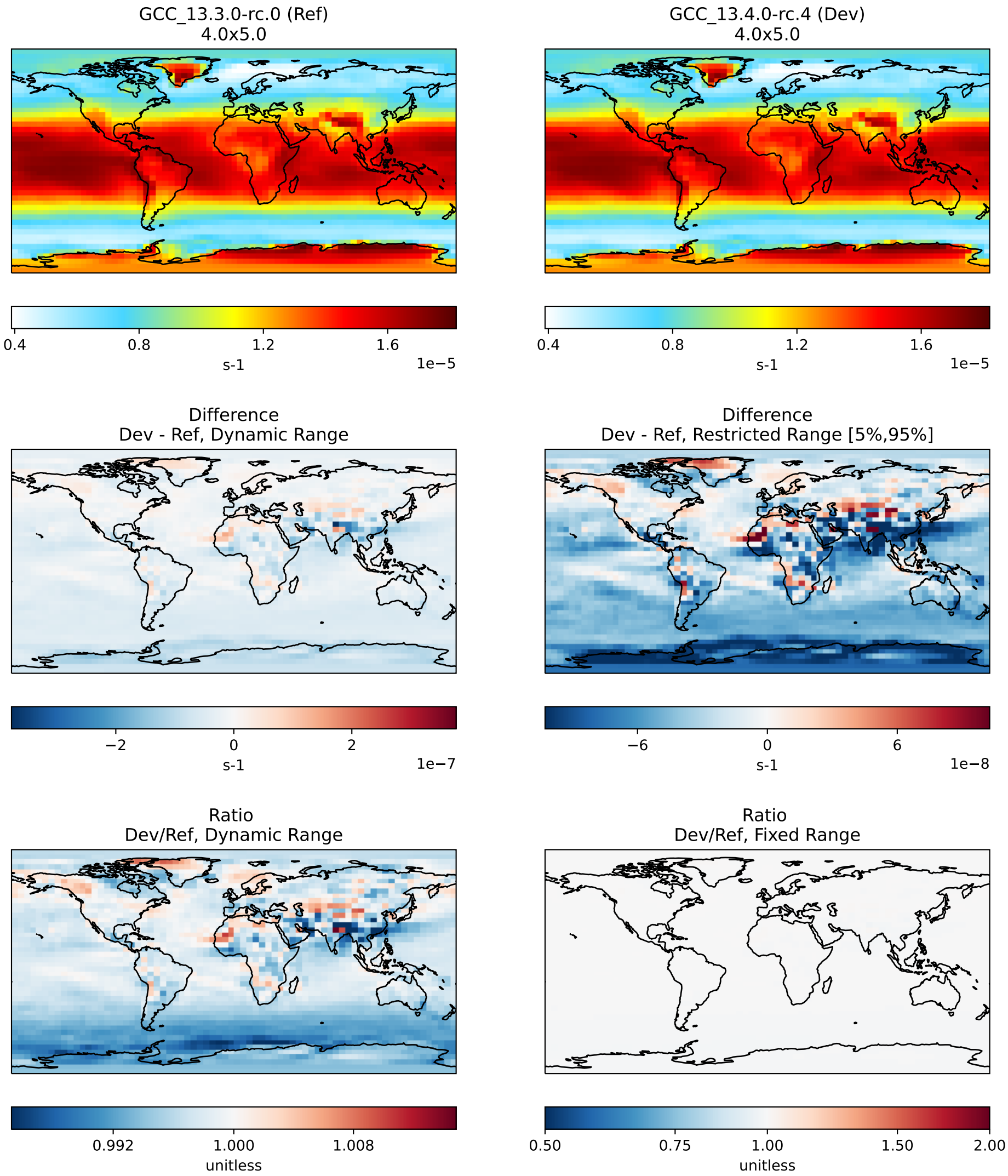
Jval_ICPDH (AnnualMean)



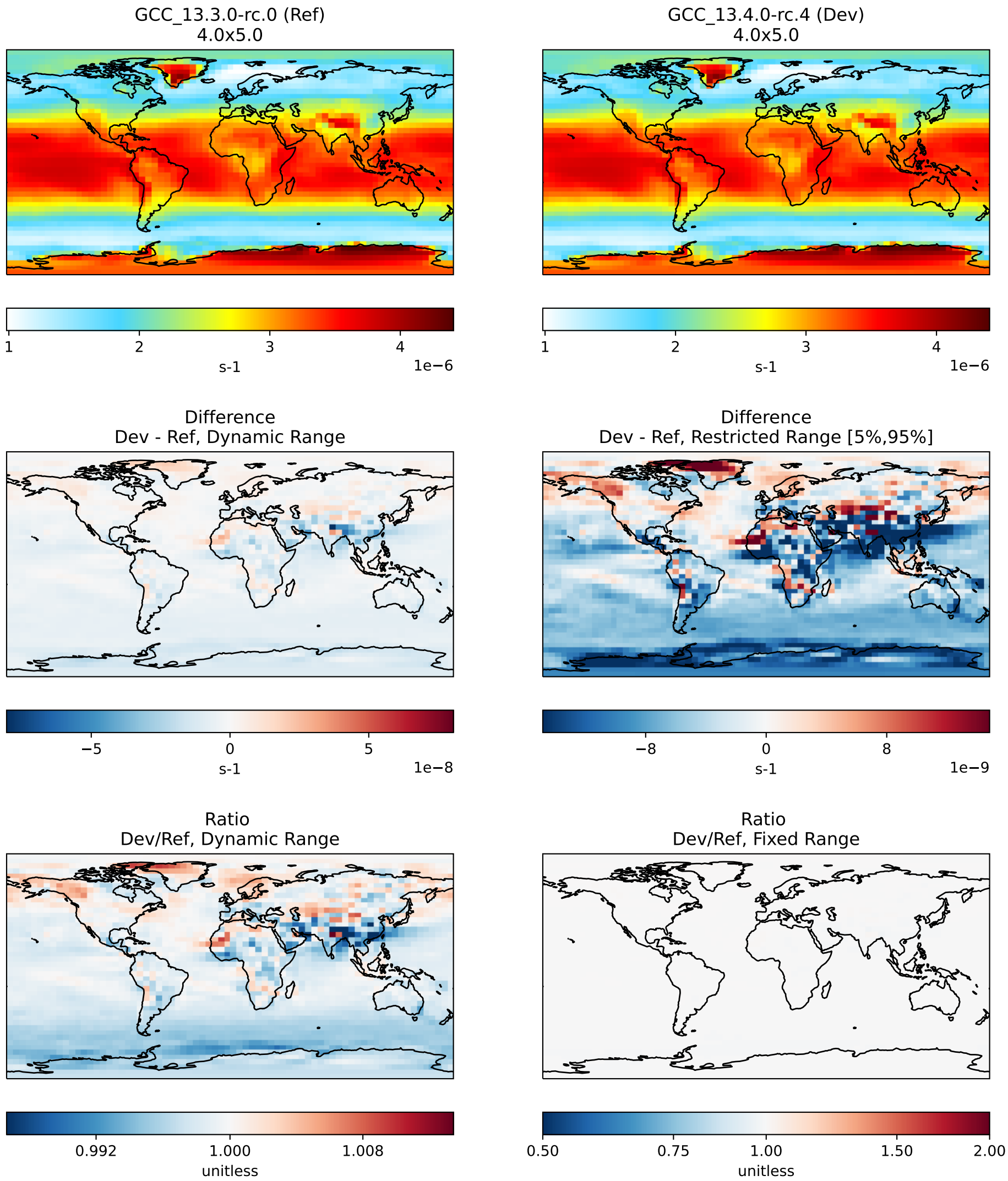
Jval_ICl (AnnualMean)



Jval_IDCHP (AnnualMean)



Jval_IDHDP (AnnualMean)



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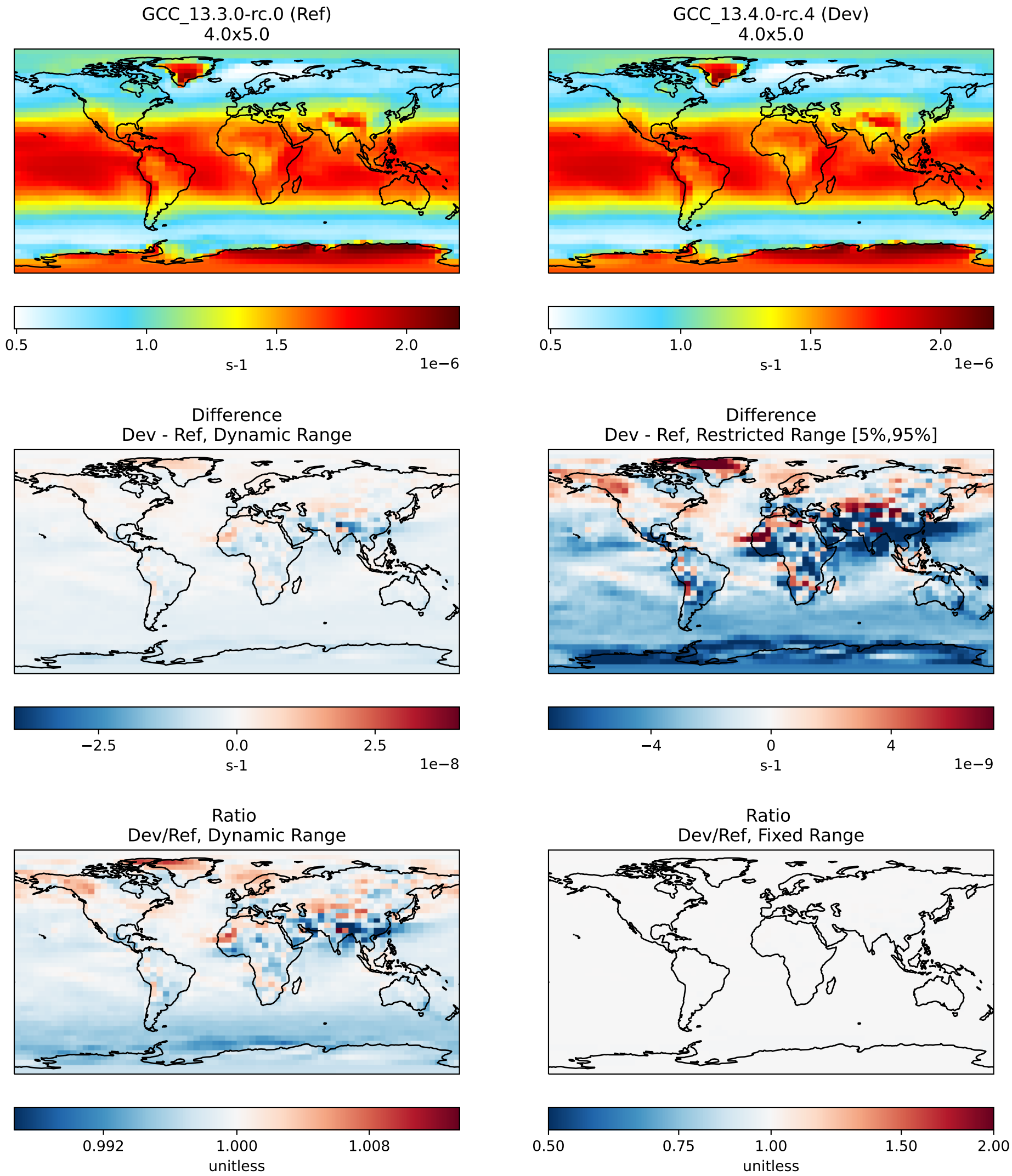
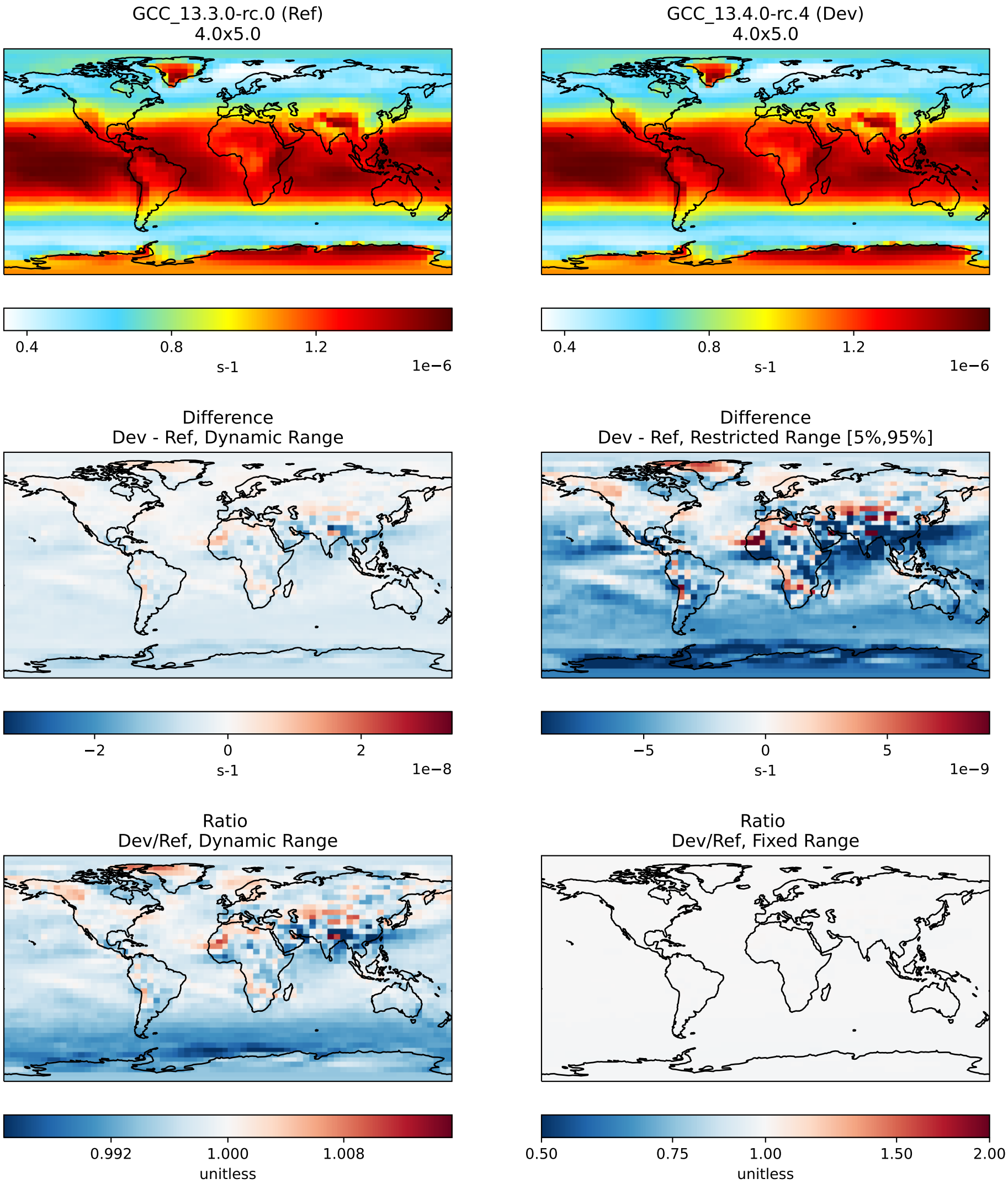
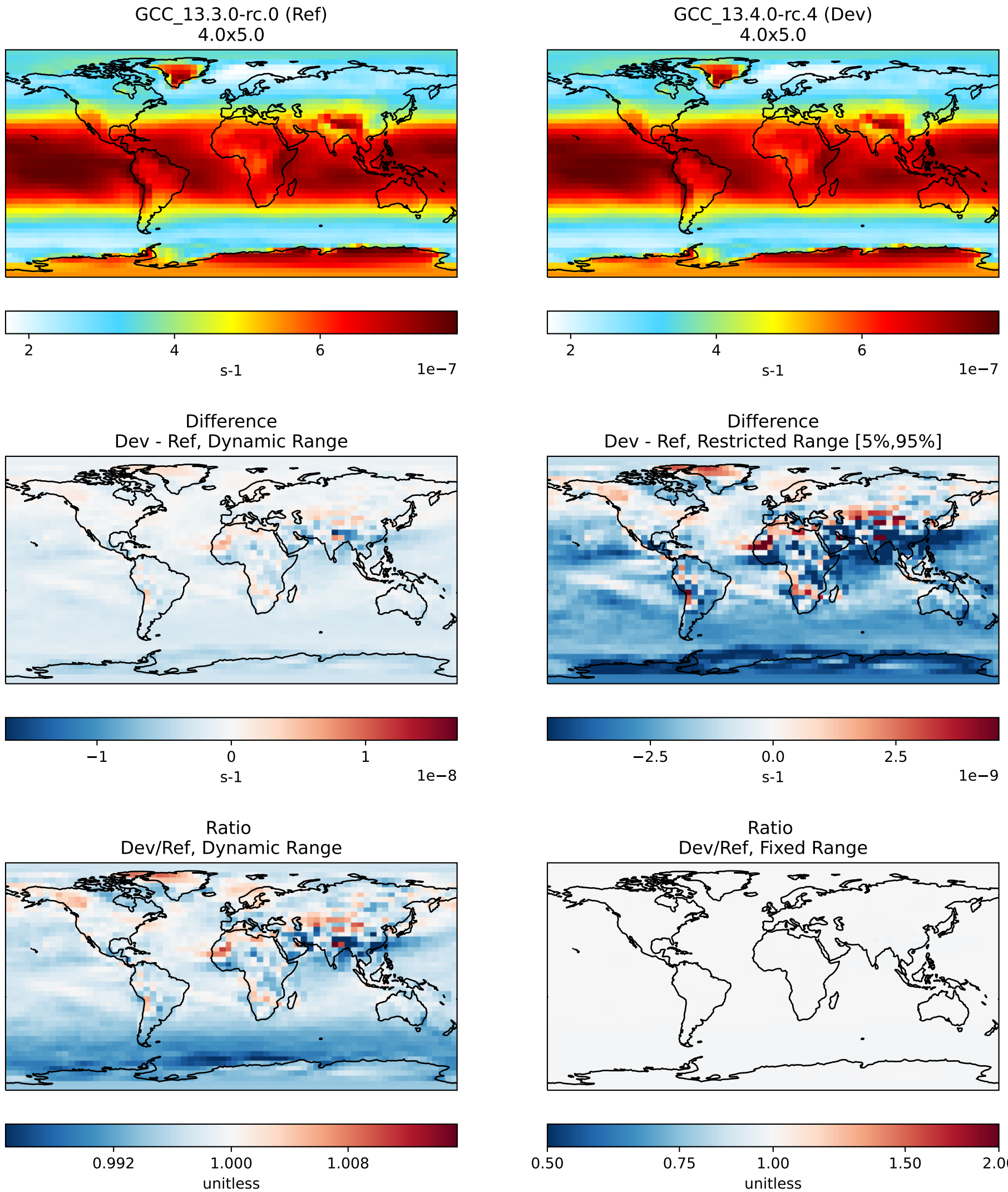


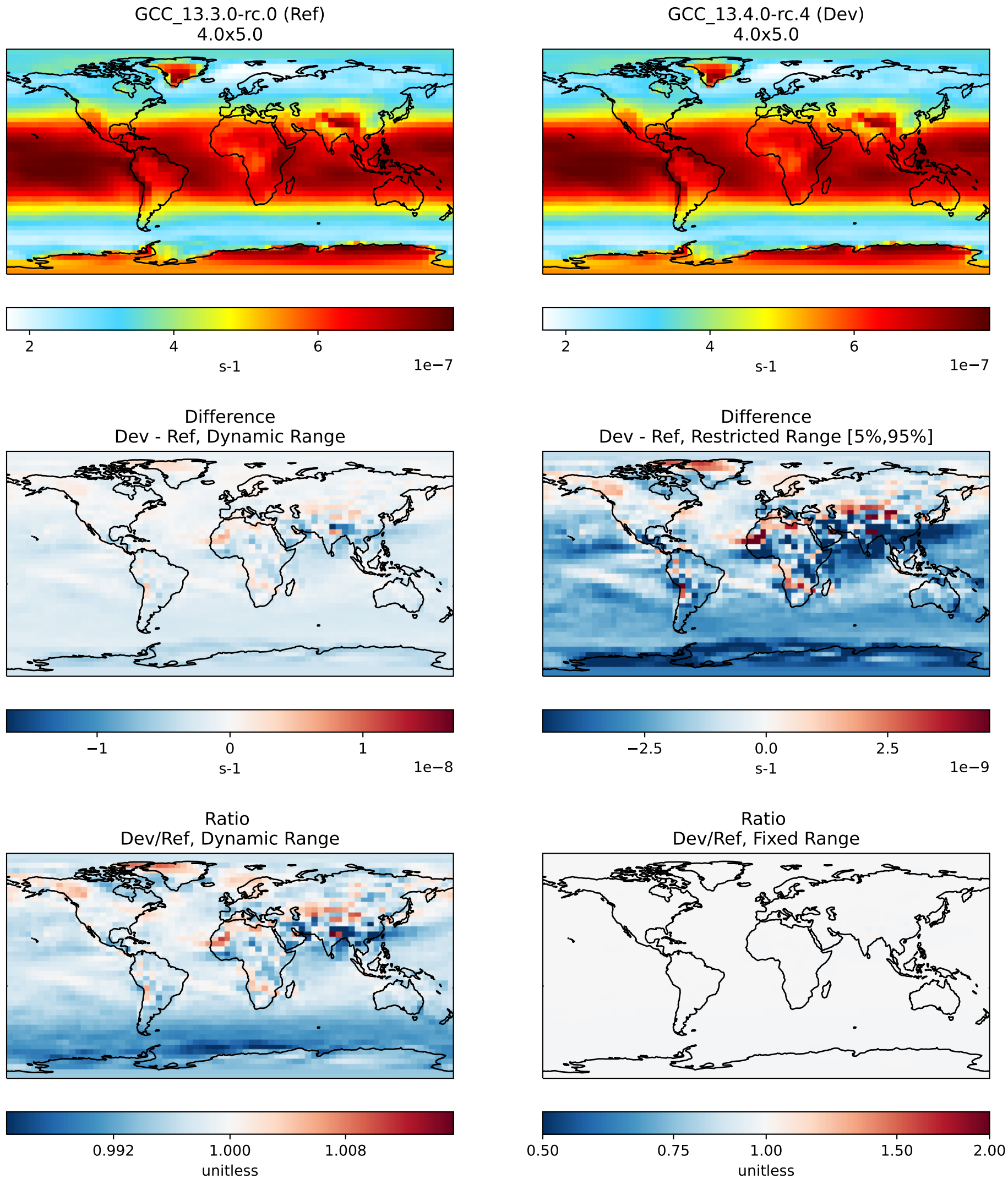
Jval_IDN (AnnualMean)



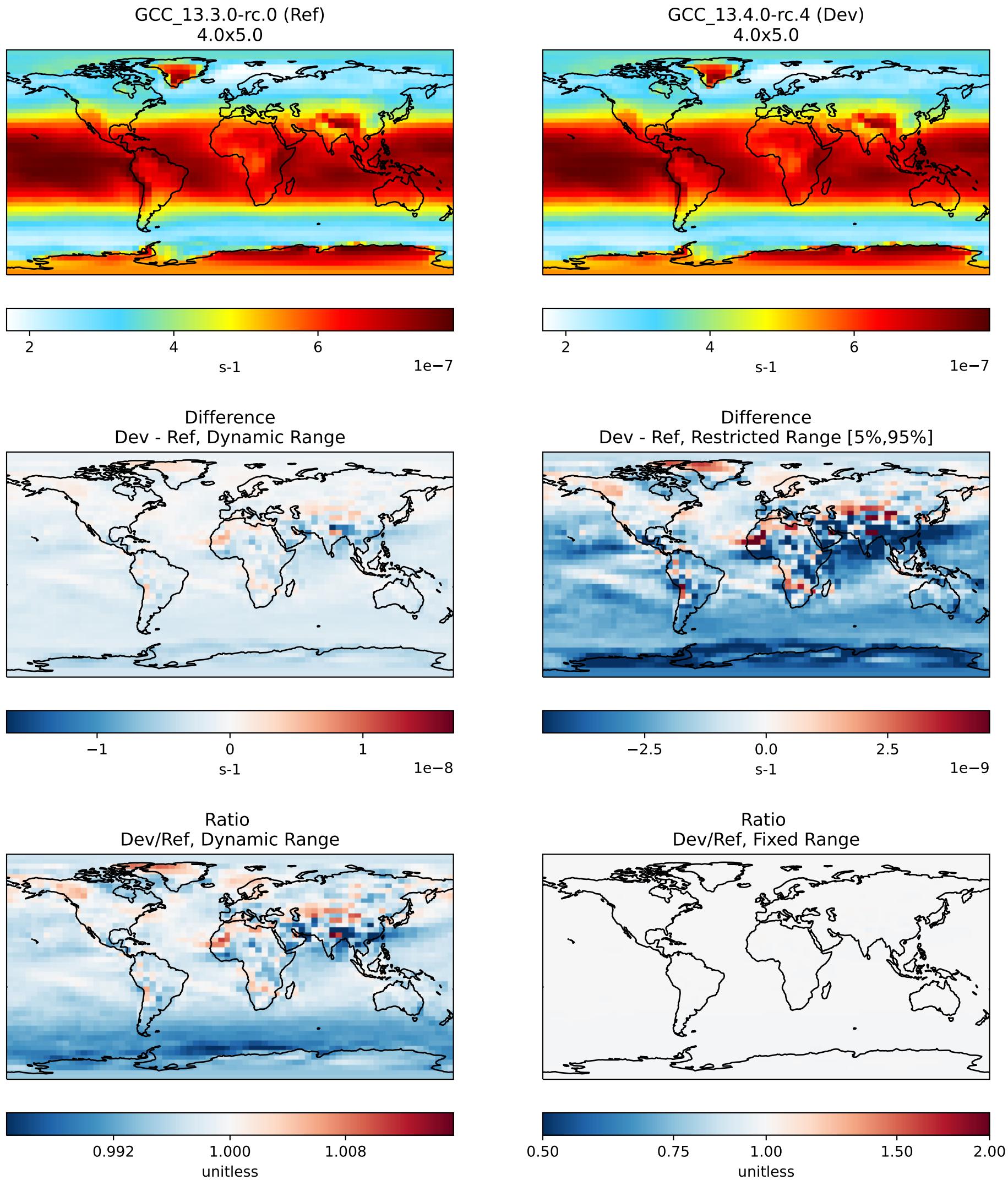
Jval_IHN1 (AnnualMean)



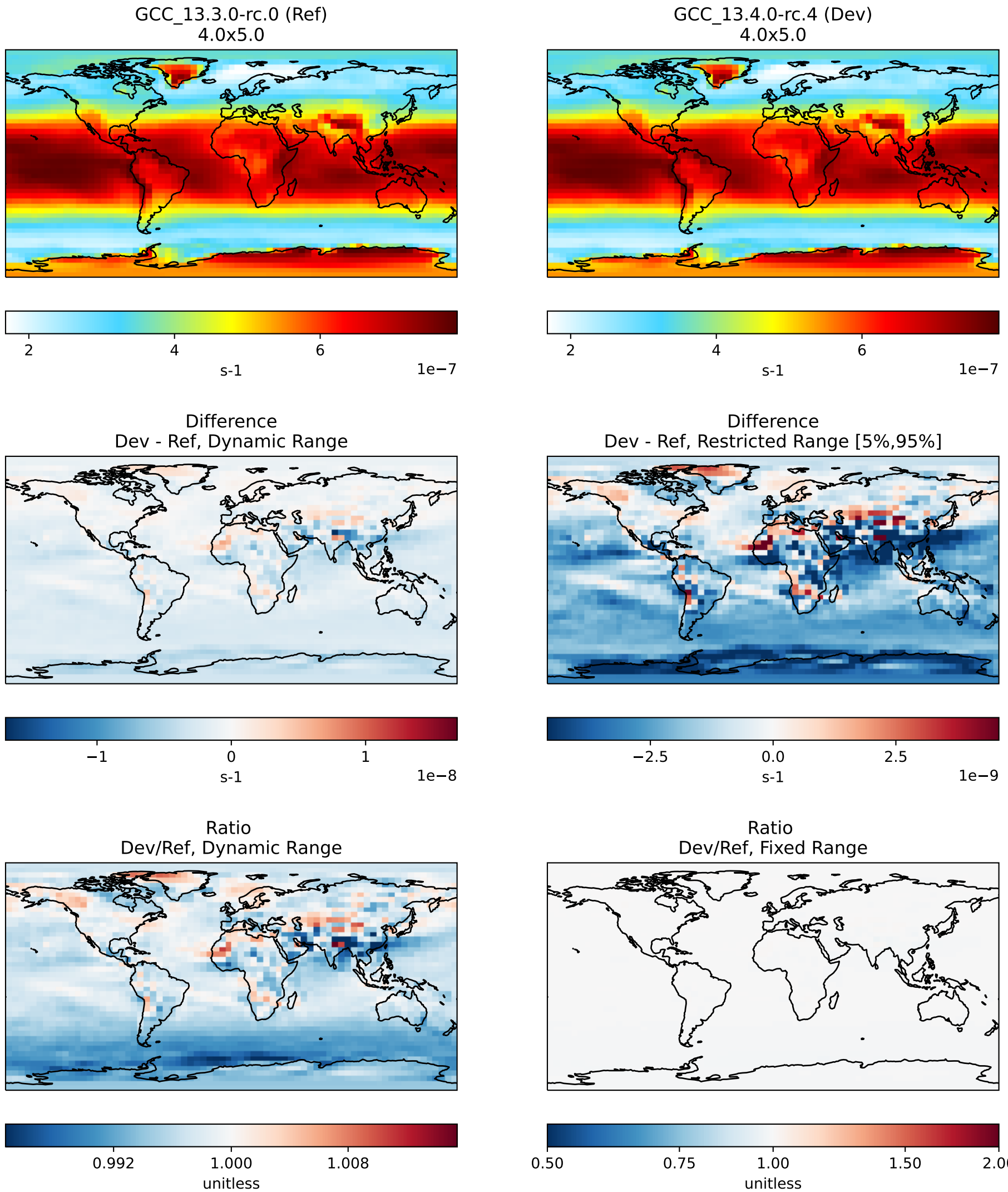
Jval_IHN2 (AnnualMean)



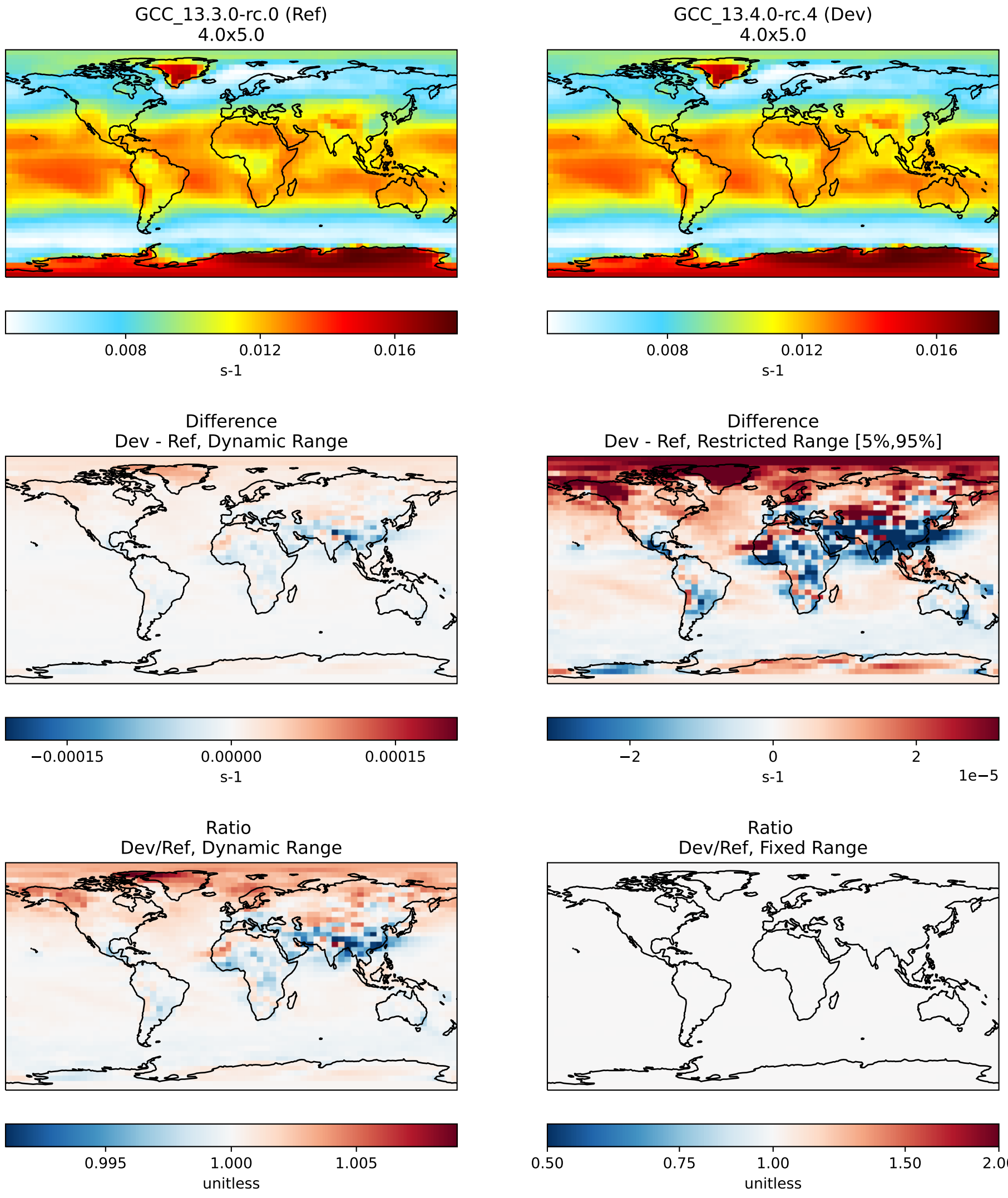
Jval_IHN3 (AnnualMean)



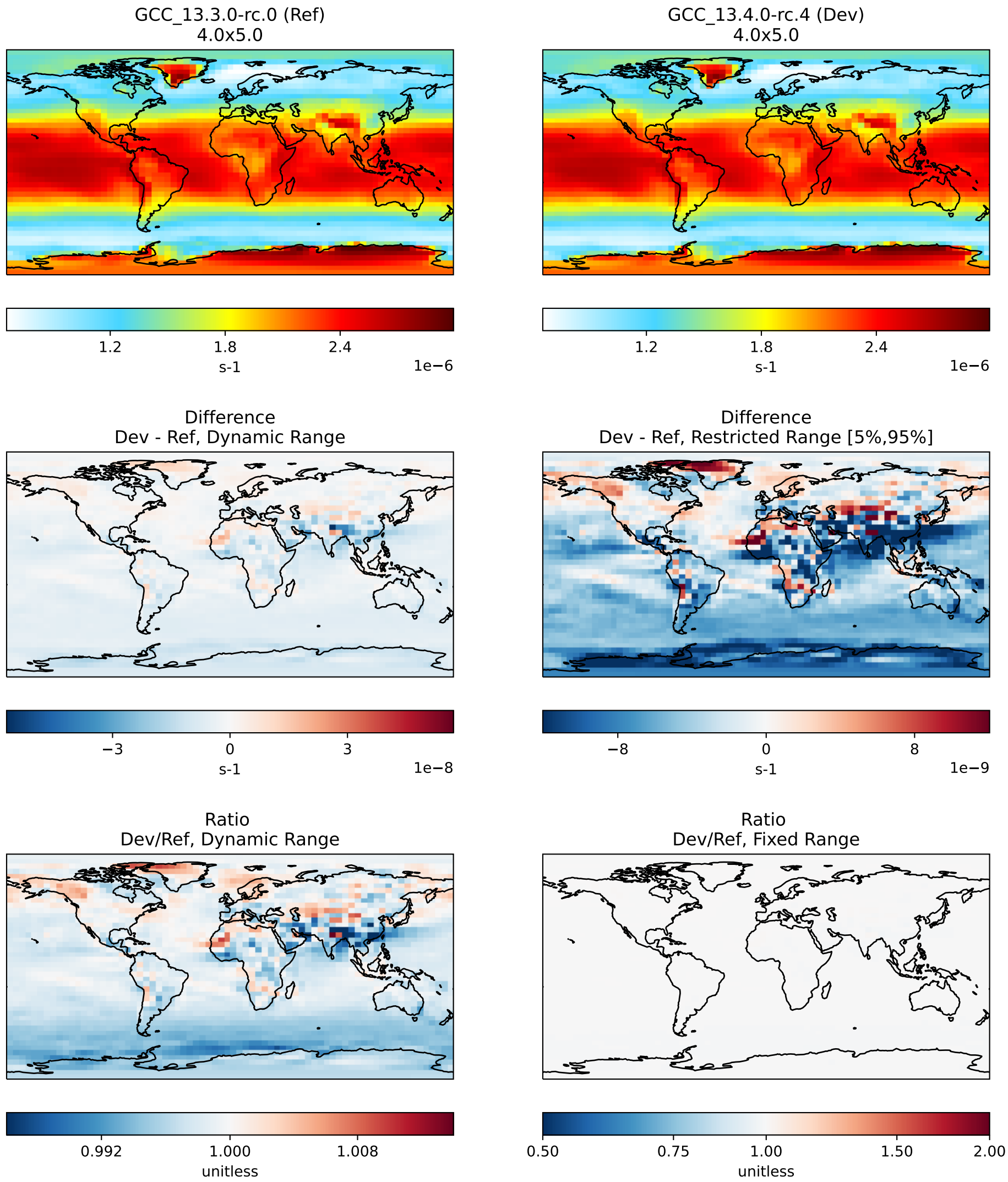
Jval_IHN4 (AnnualMean)



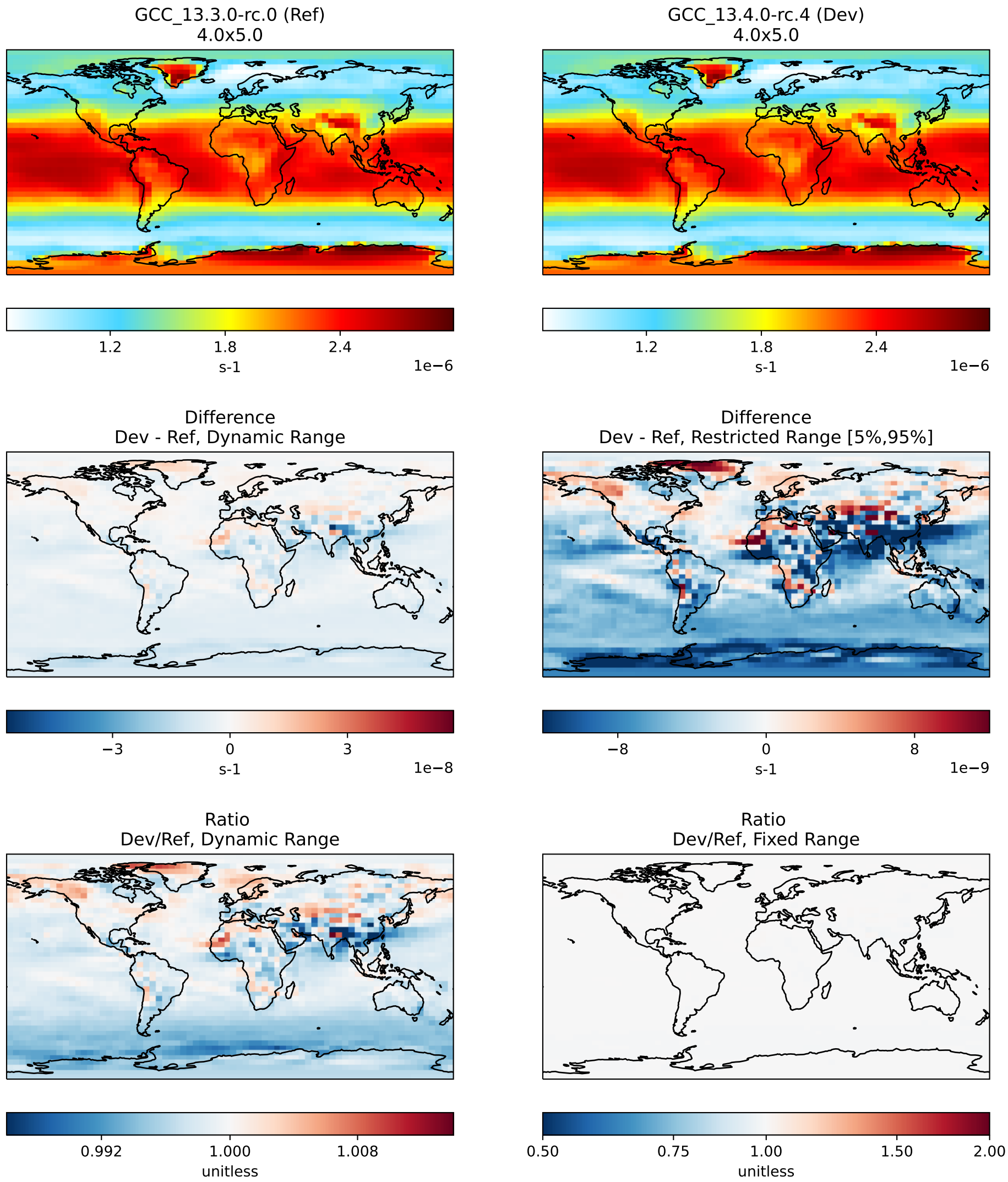
Jval_INO (AnnualMean)



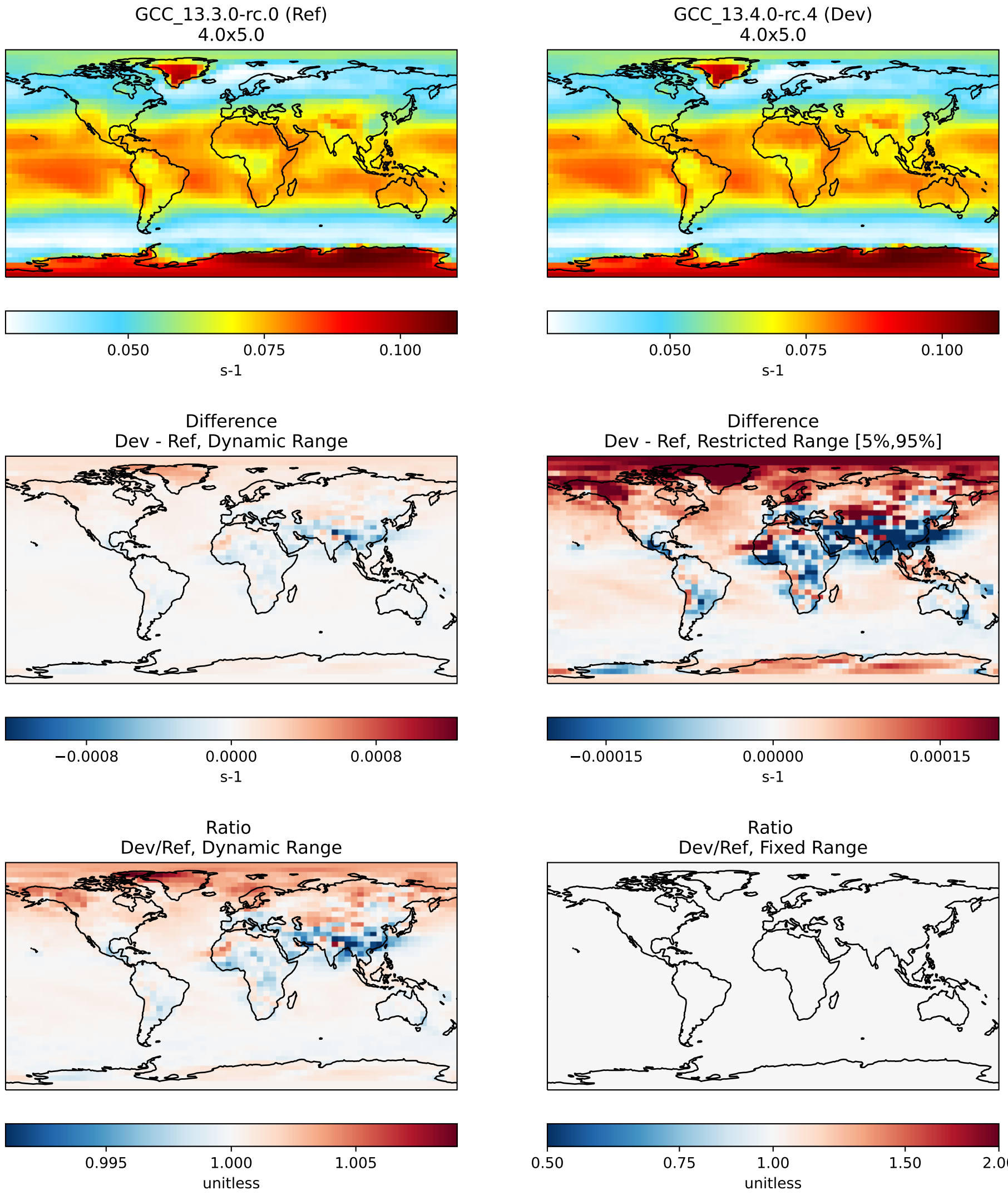
Jval_INPB (AnnualMean)



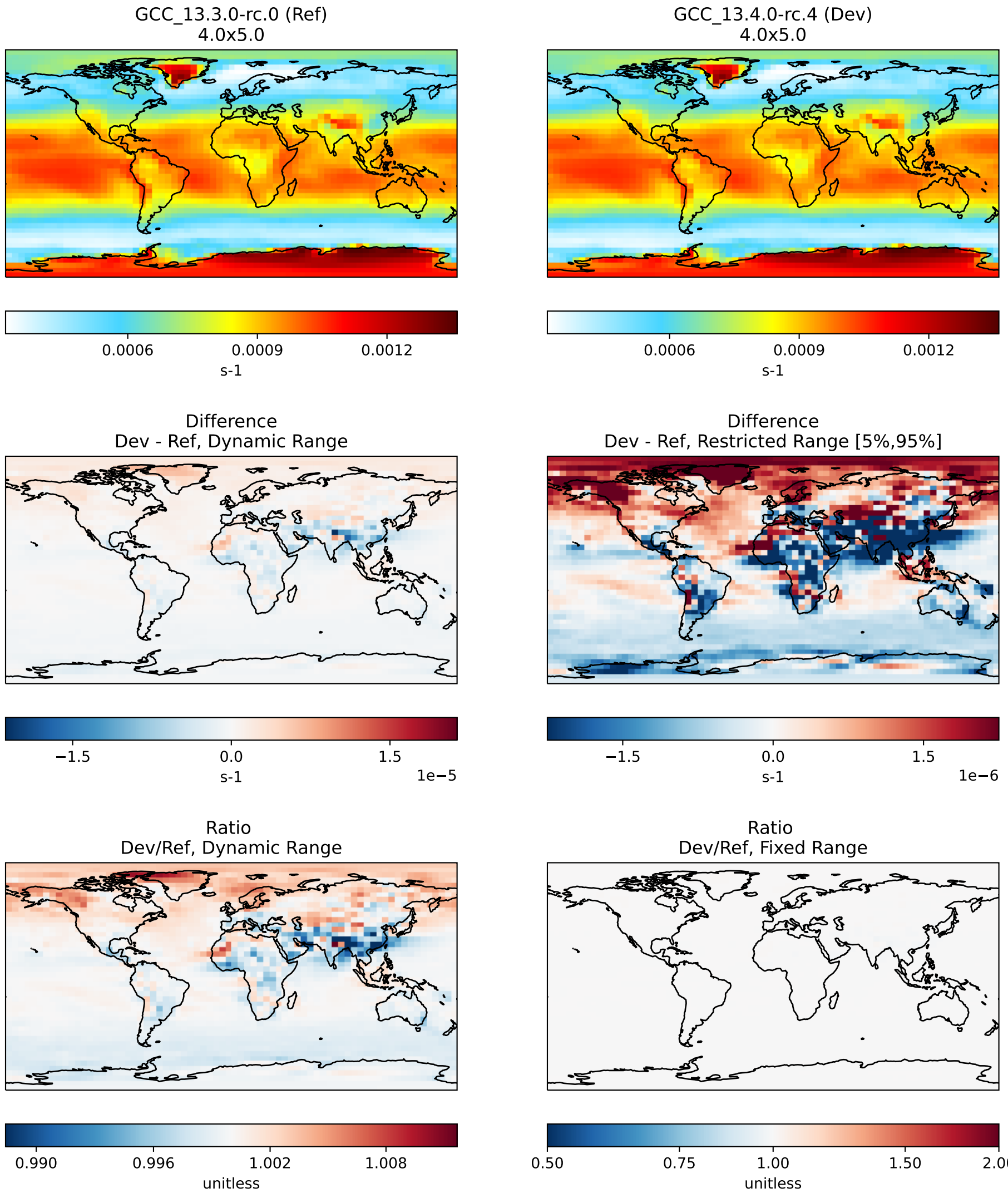
Jval_INPD (AnnualMean)



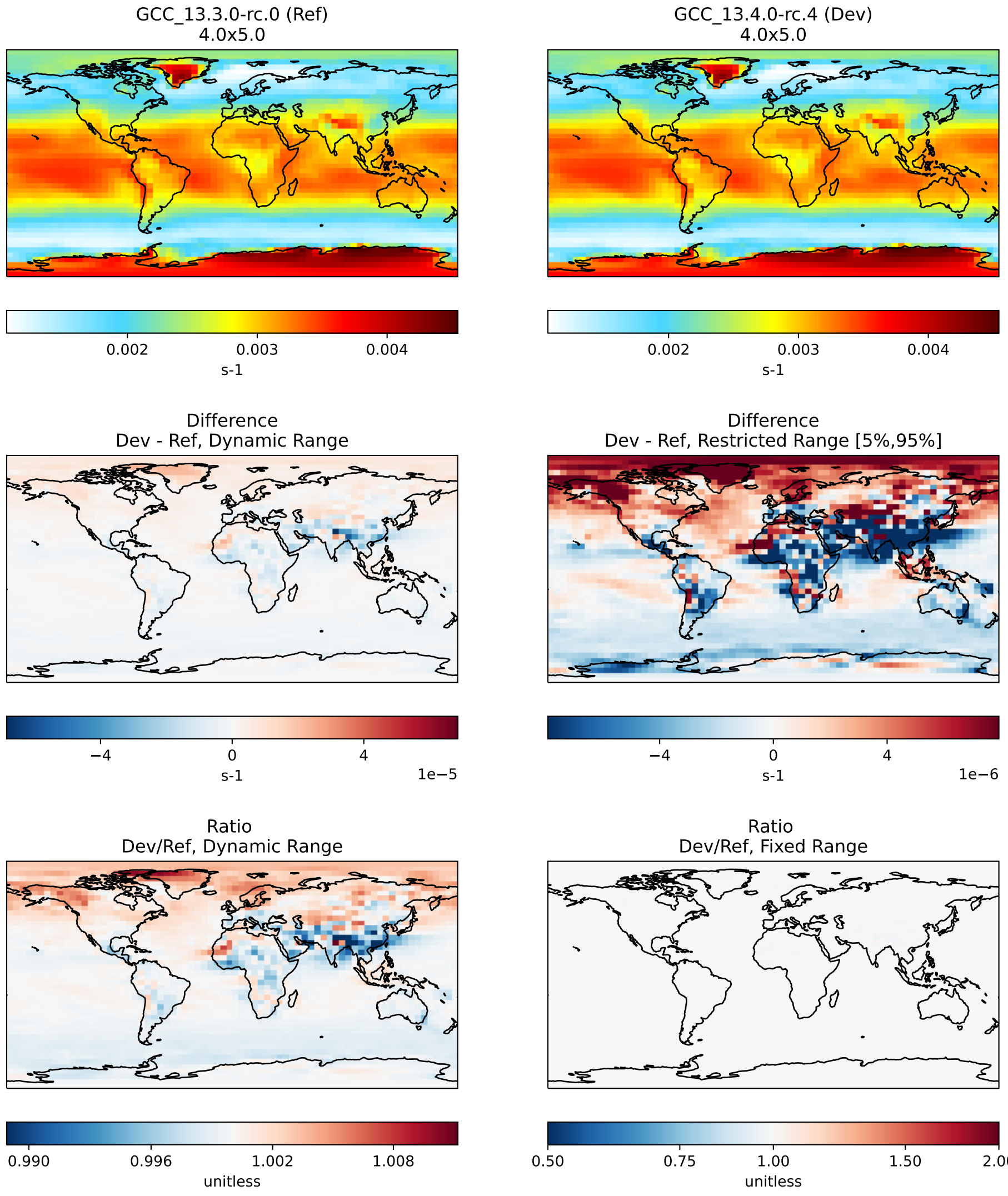
Jval_IO (AnnualMean)



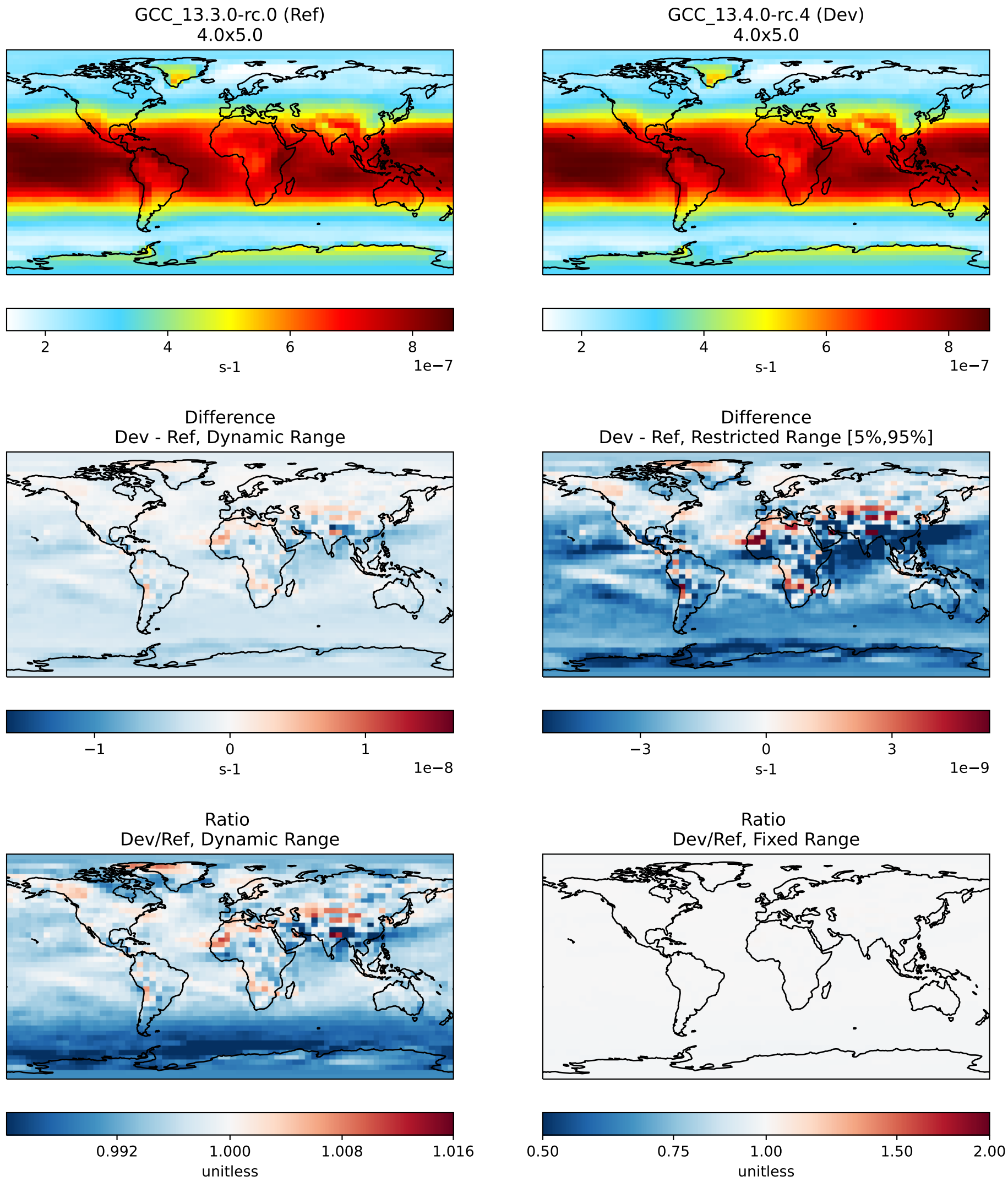
Jval_IONO (AnnualMean)



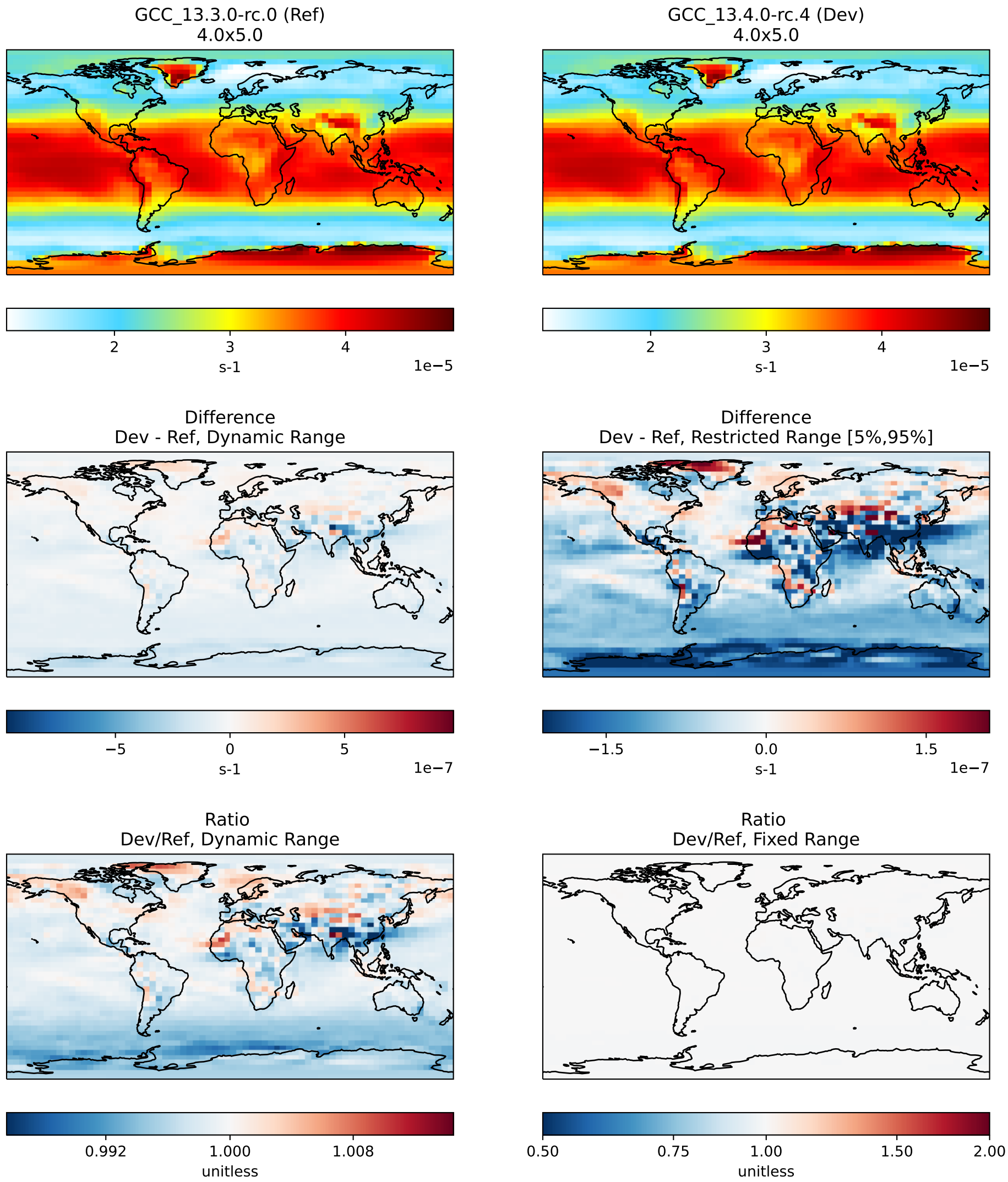
Jval_IONO2 (AnnualMean)



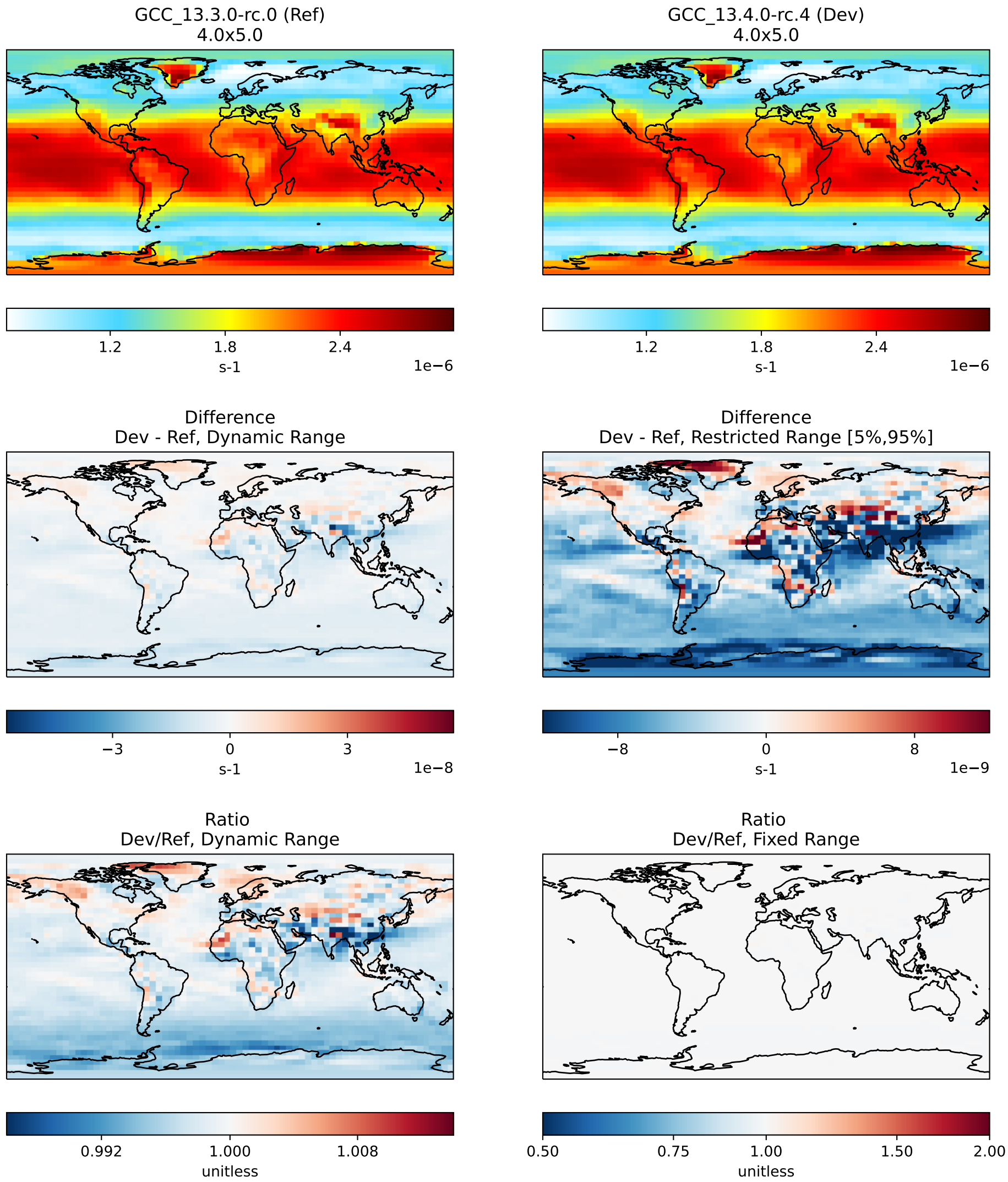
Jval_IPRNO3 (AnnualMean)



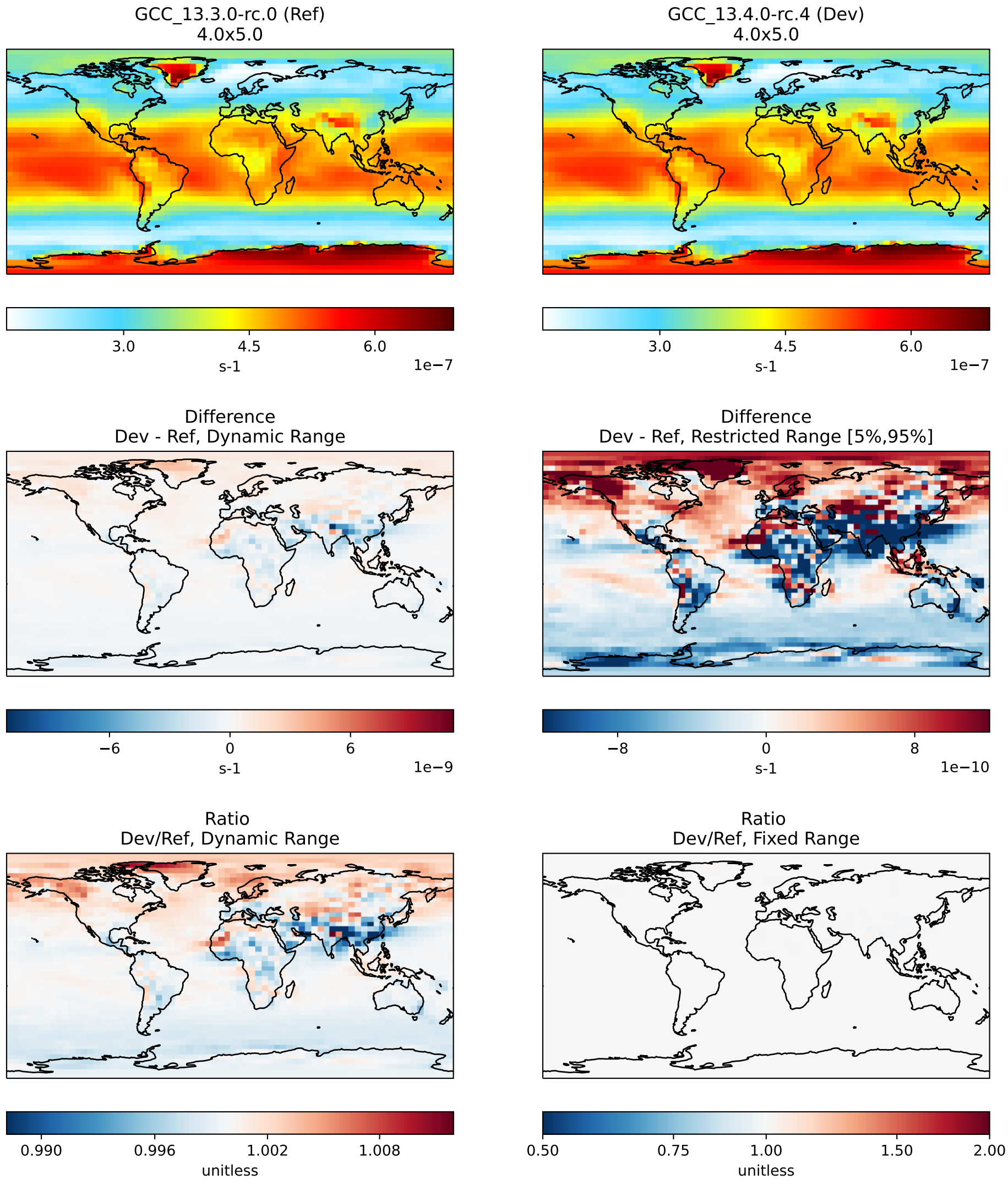
Jval_ITCN (AnnualMean)



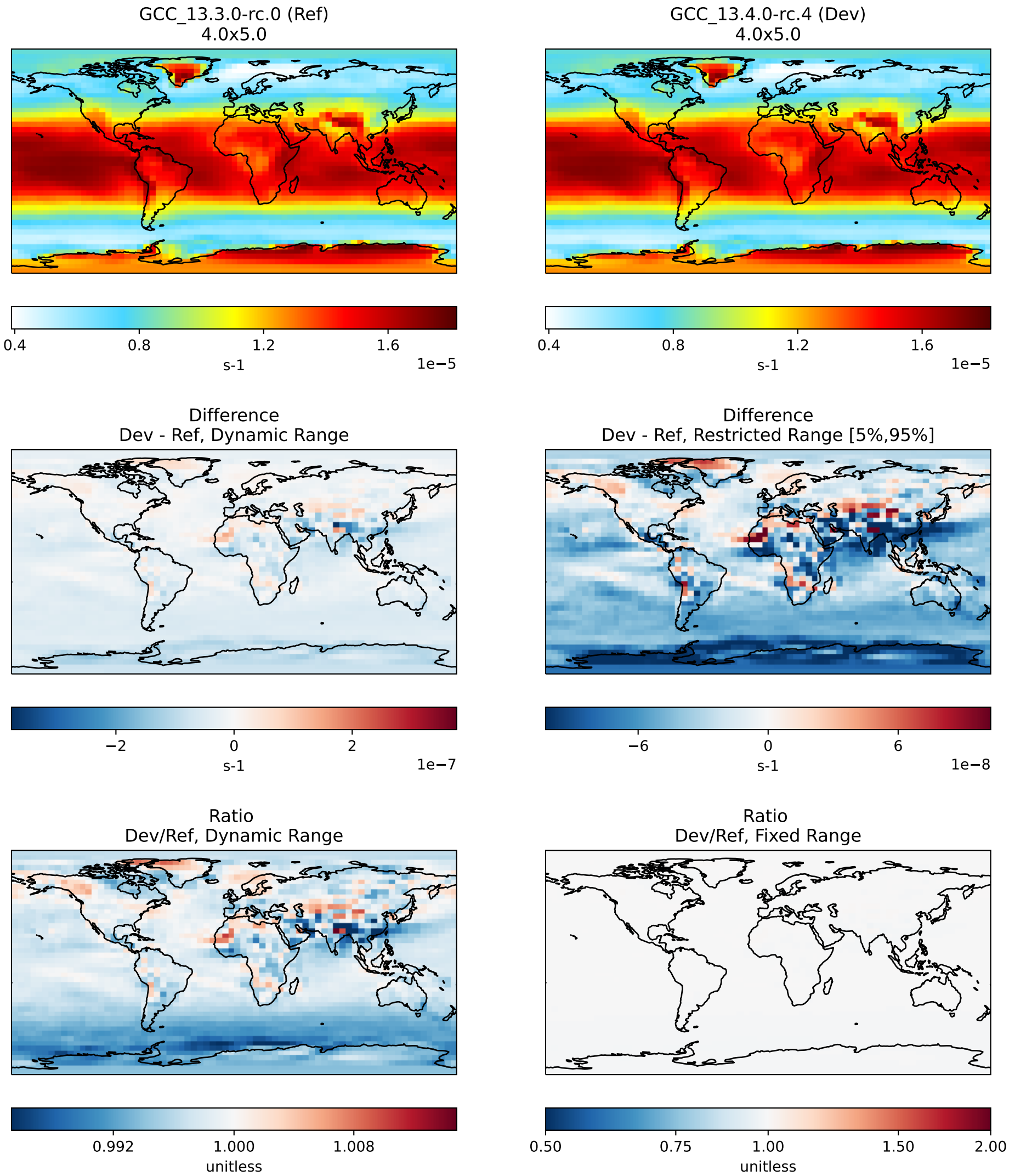
Jval_ITHN (AnnualMean)



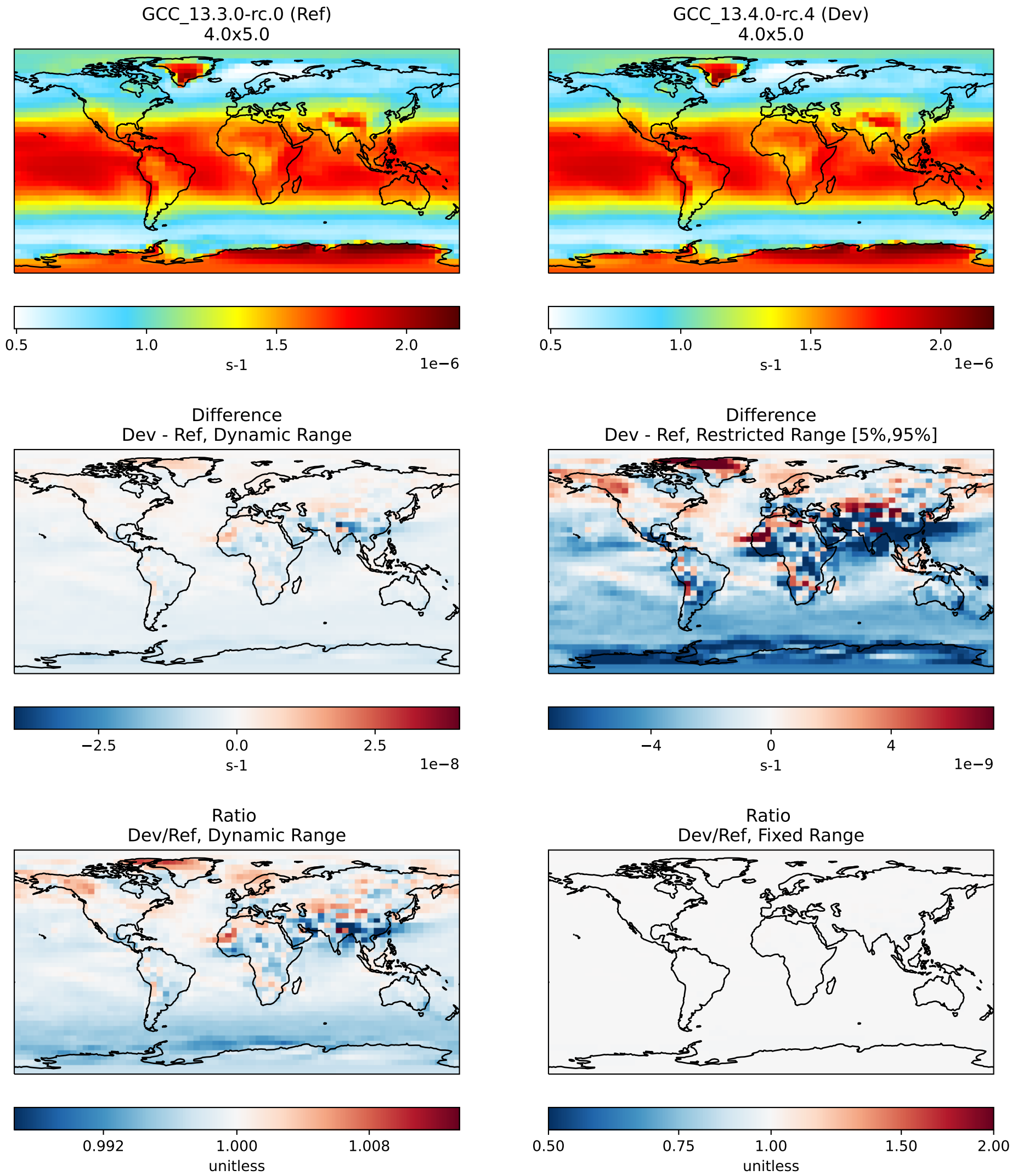
Jval_MACR (AnnualMean)



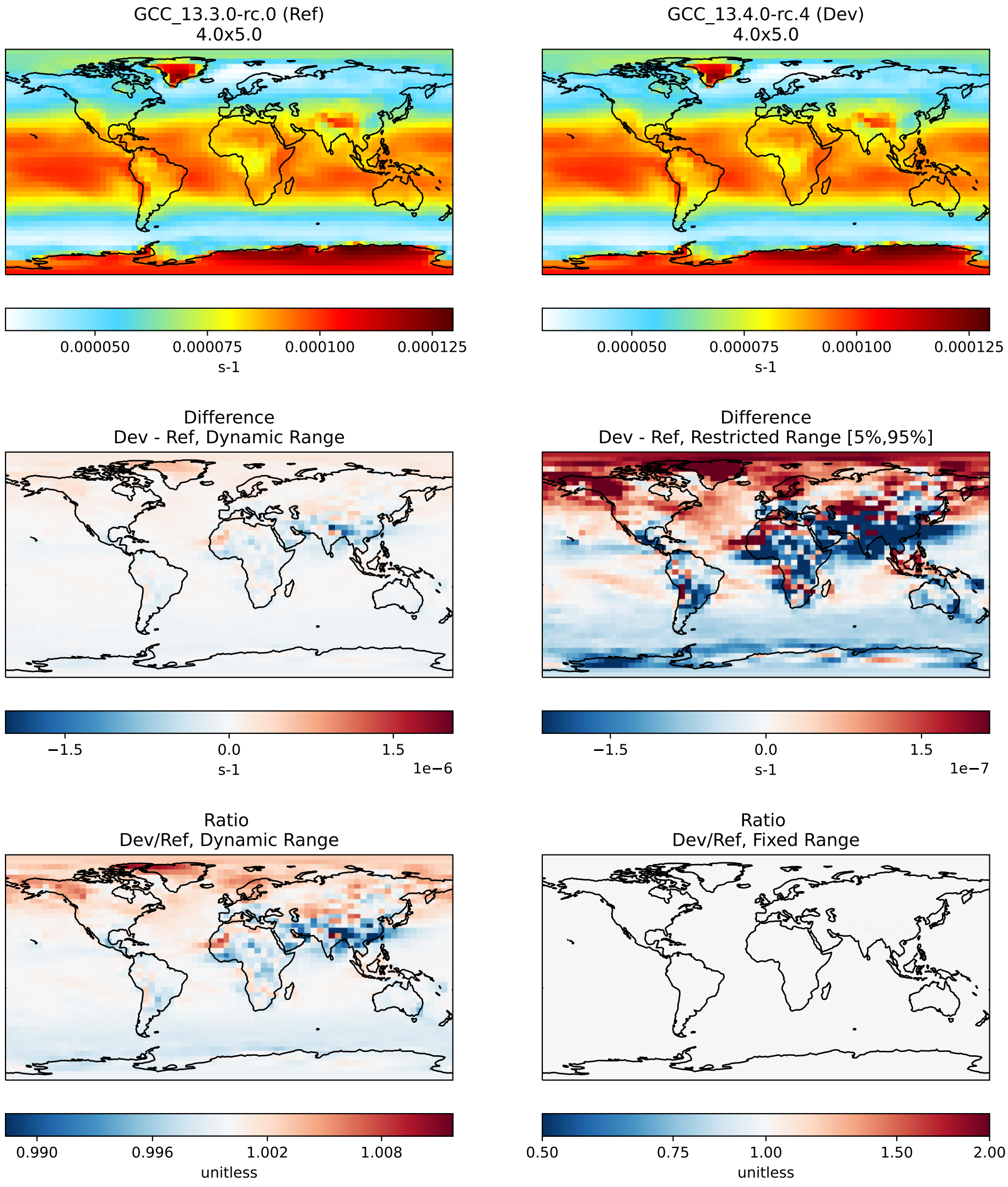
Jval_MACR1OOH (AnnualMean)



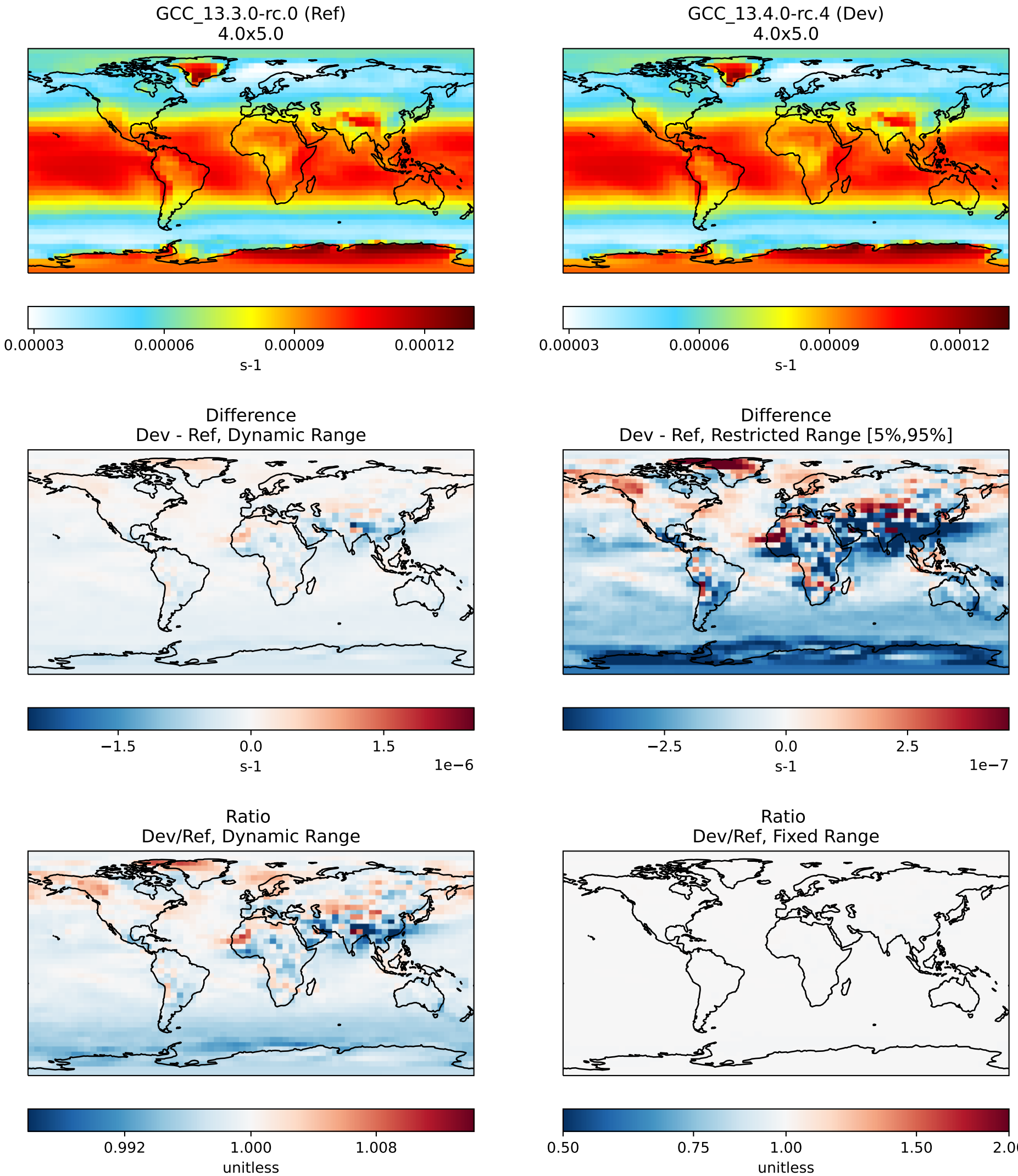
Jval_MAP (AnnualMean)



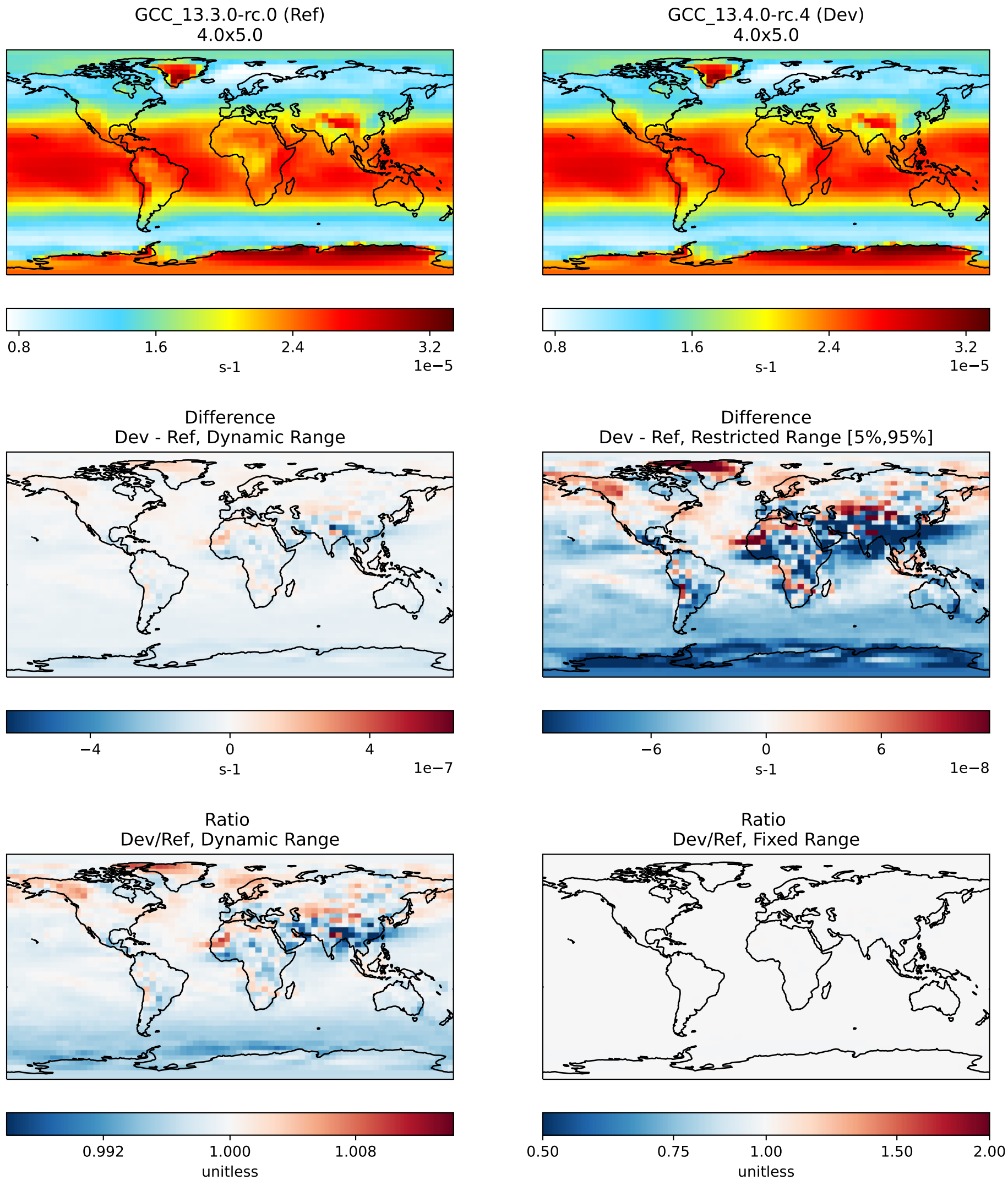
Jval_MCRENOL (AnnualMean)



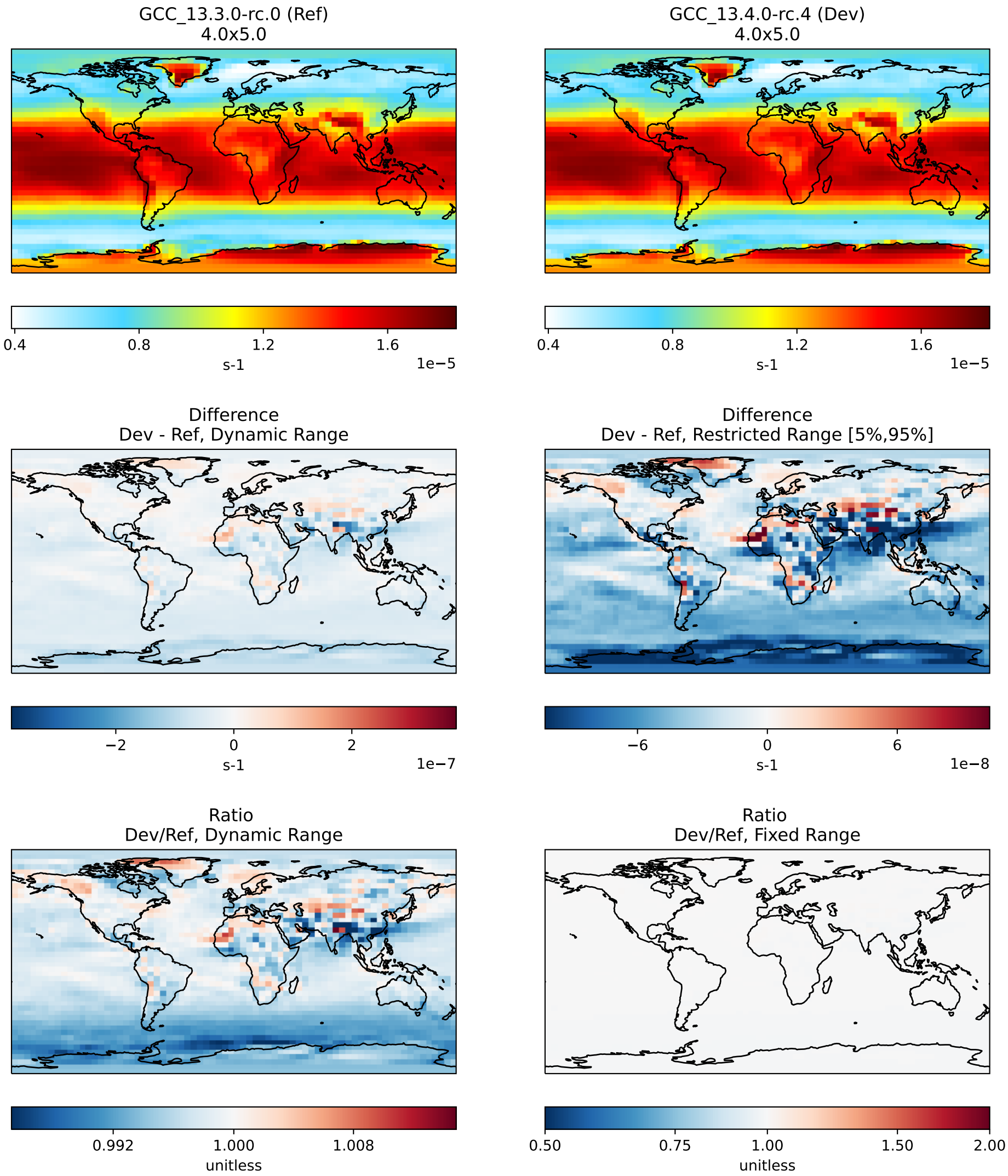
Jval_MCRHN (AnnualMean)



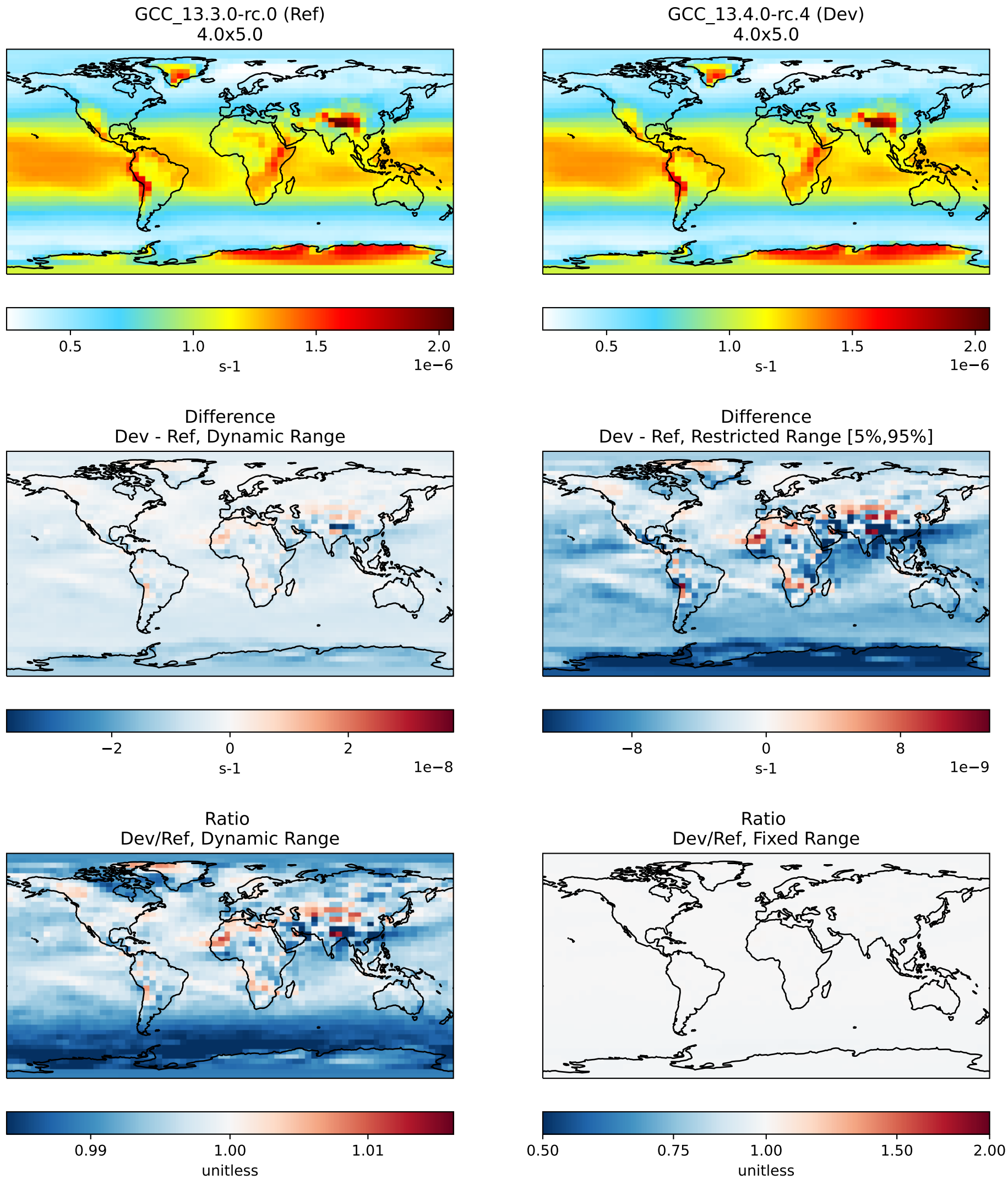
Jval_MCRHNB (AnnualMean)



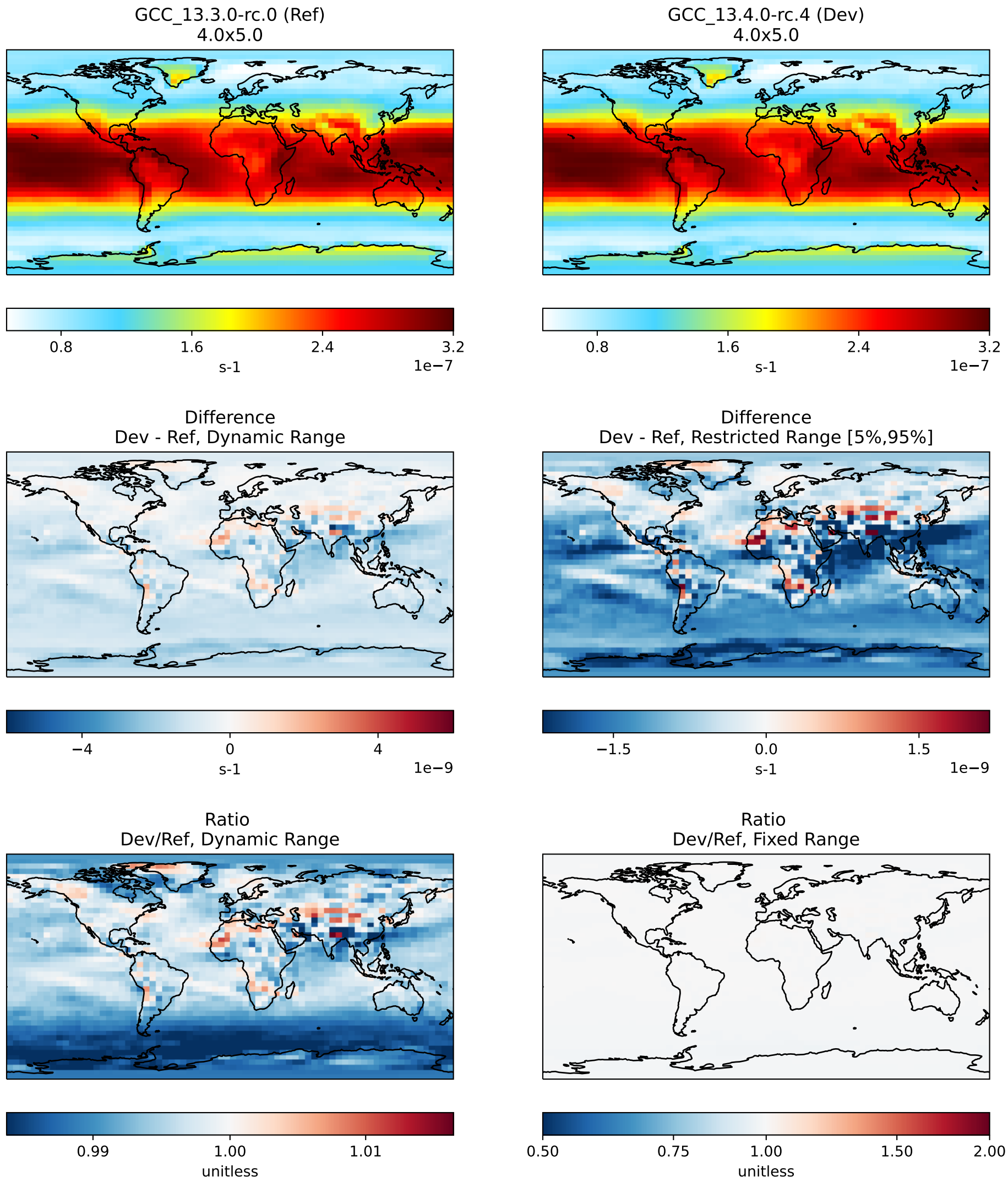
Jval_MCRHP (AnnualMean)



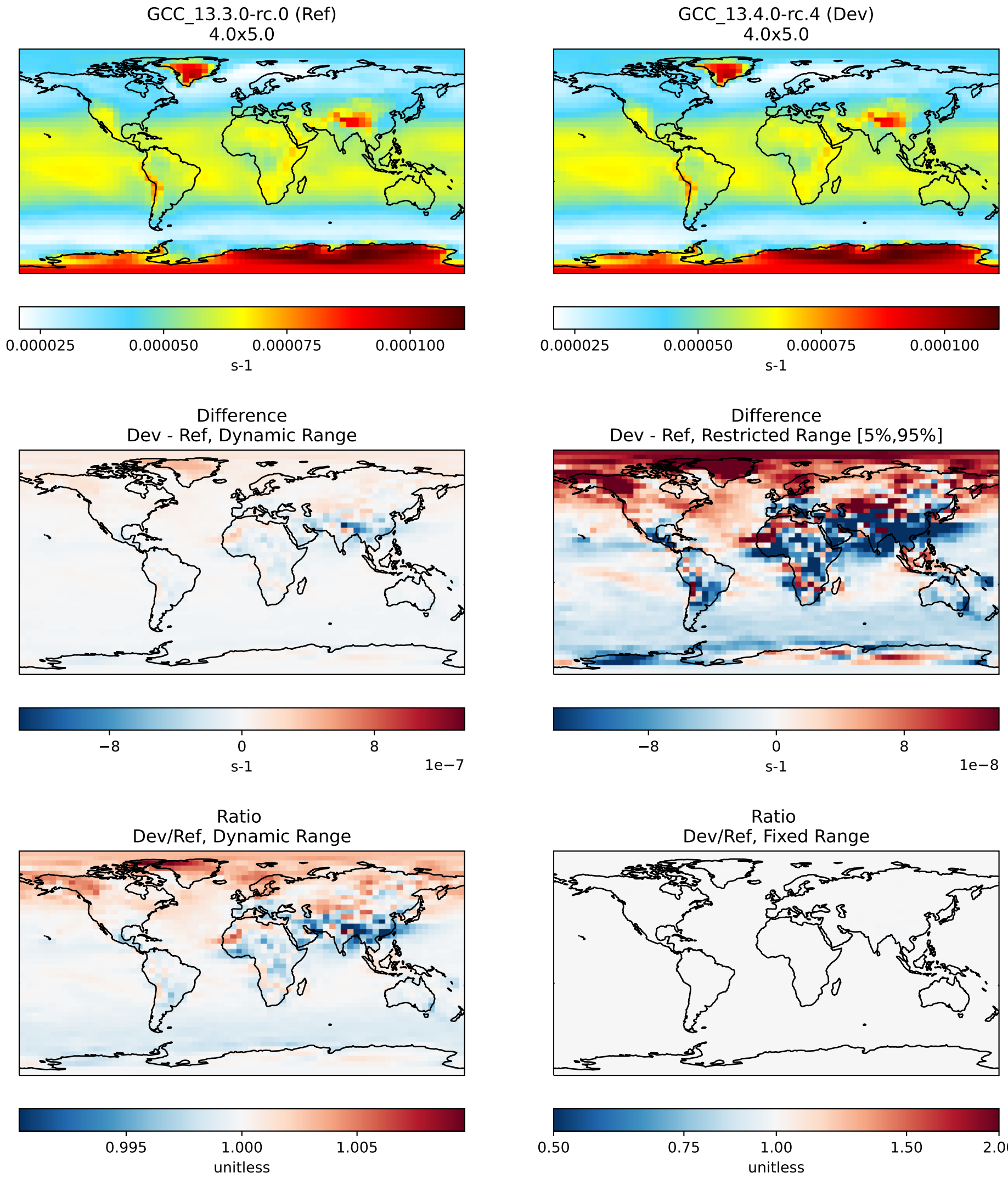
Jval_MEK (AnnualMean)



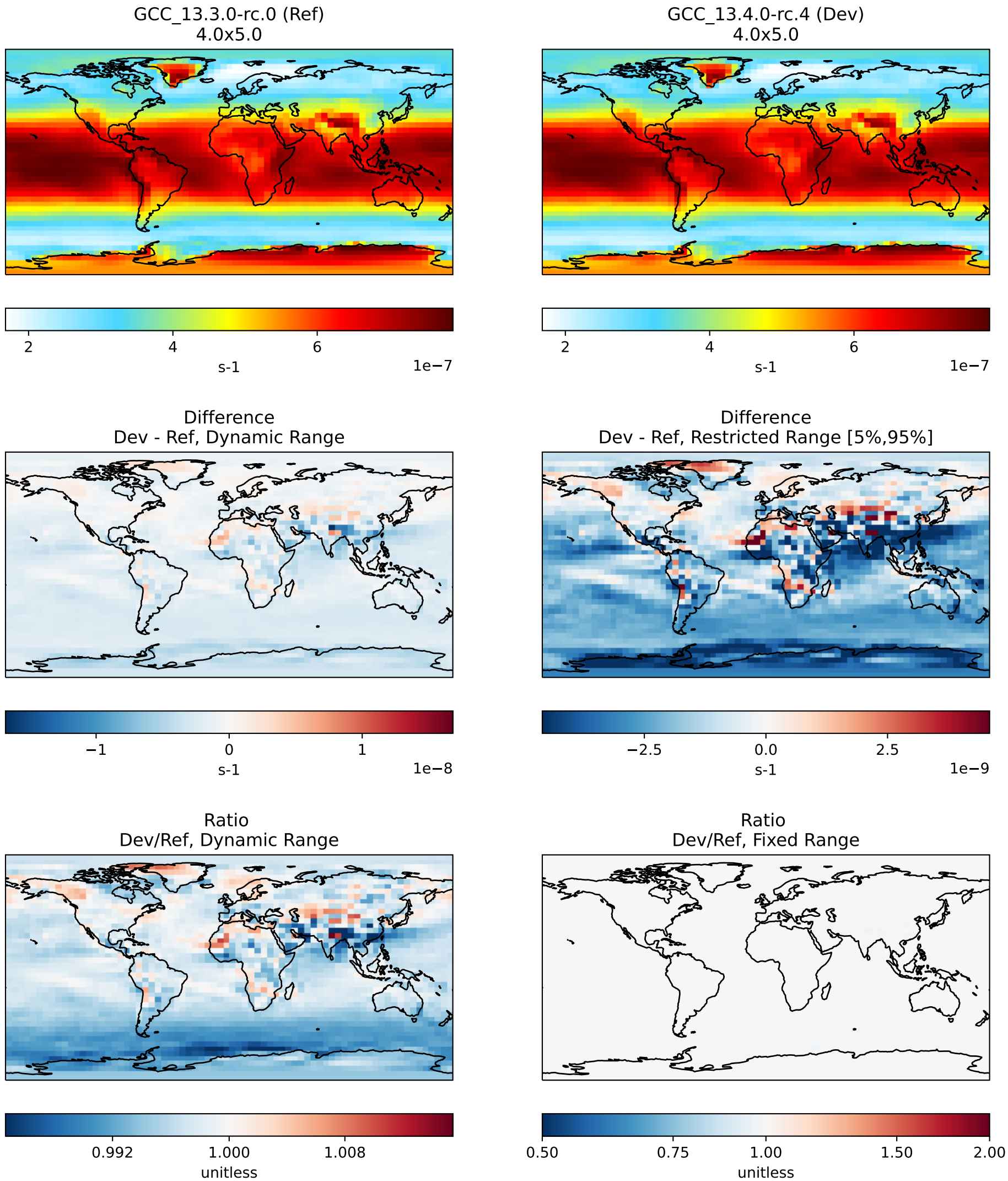
Jval_MENO3 (AnnualMean)



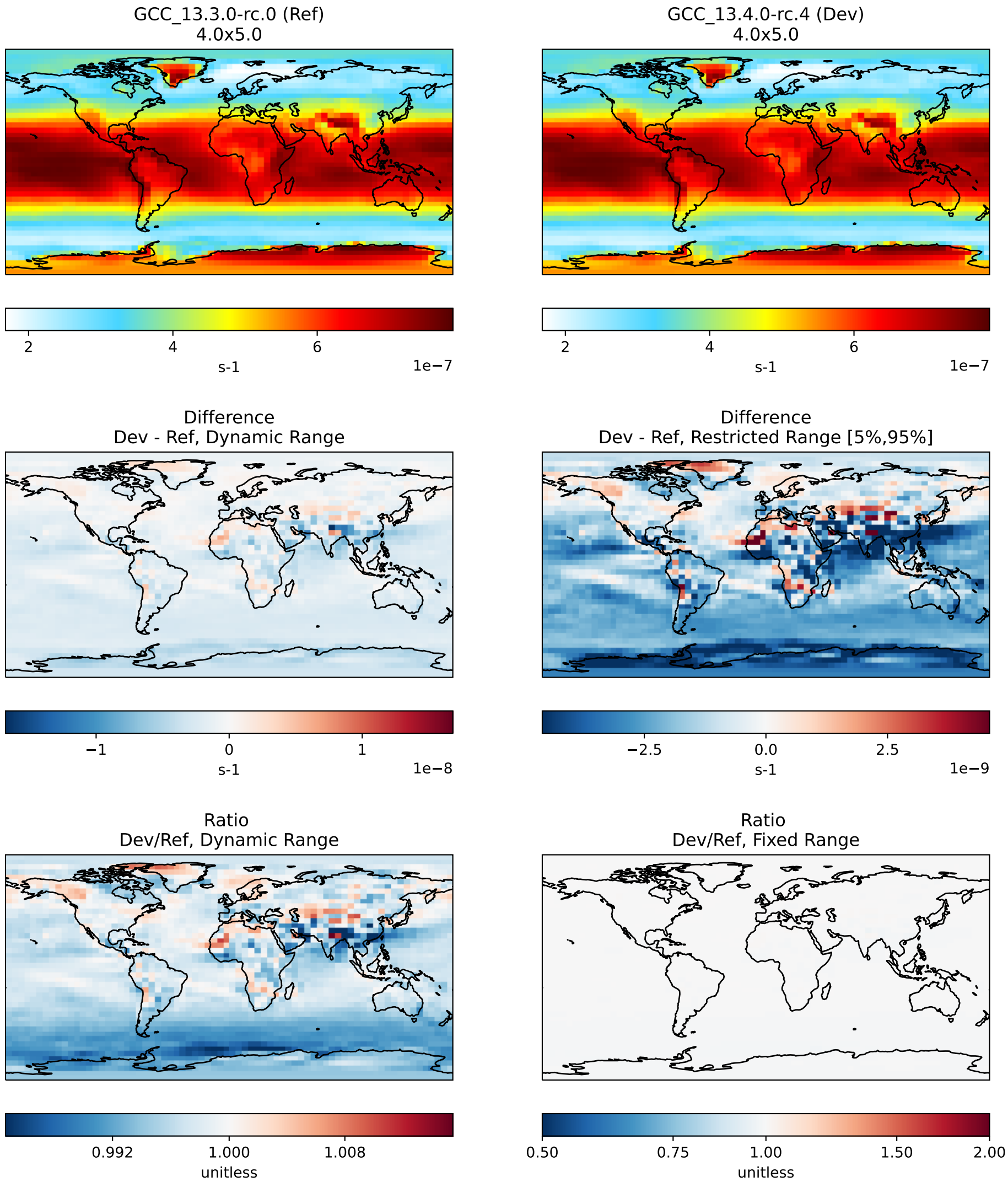
Jval_MGLY (AnnualMean)



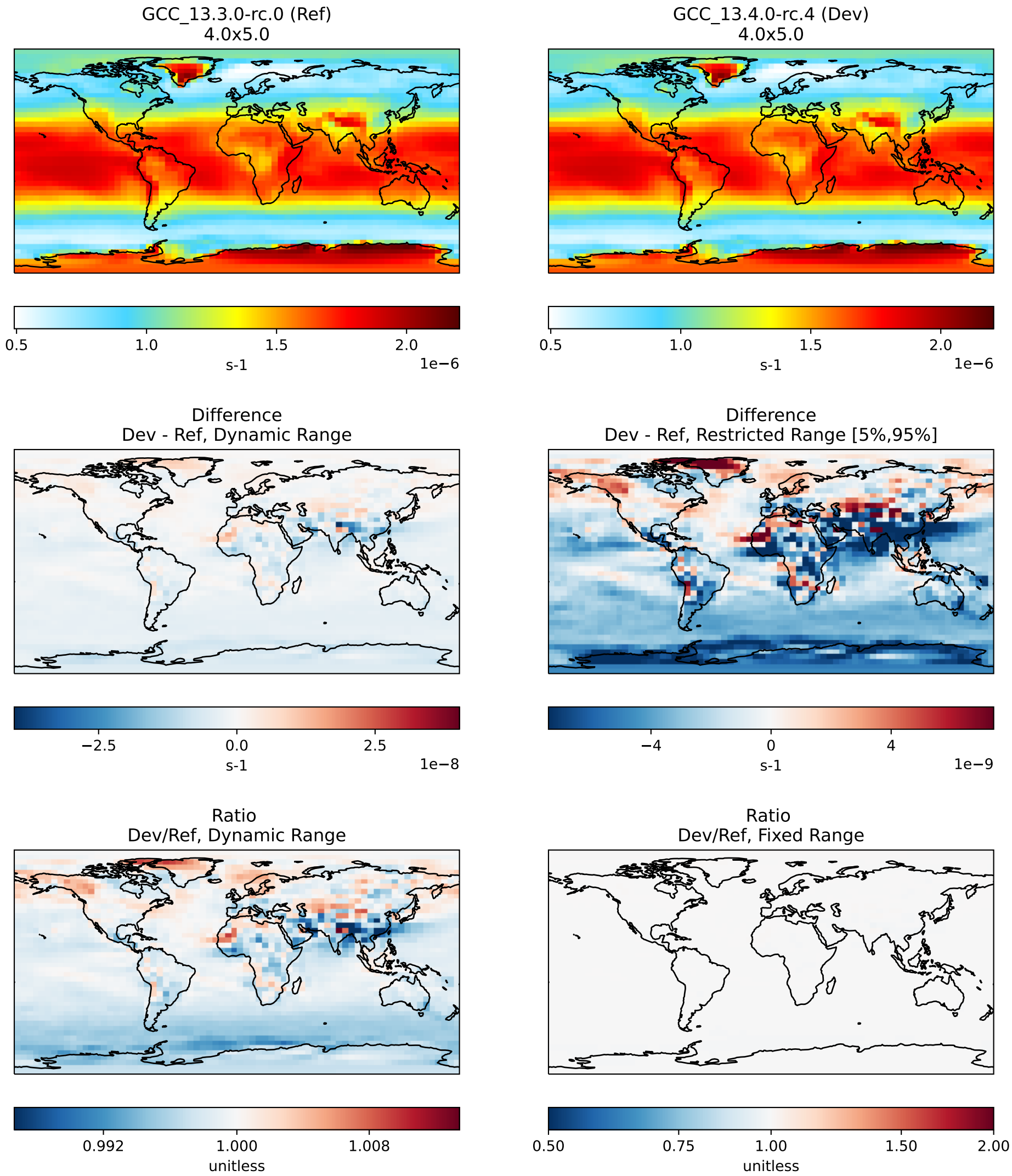
Jval_MONITS (AnnualMean)



Jval_MONITU (AnnualMean)

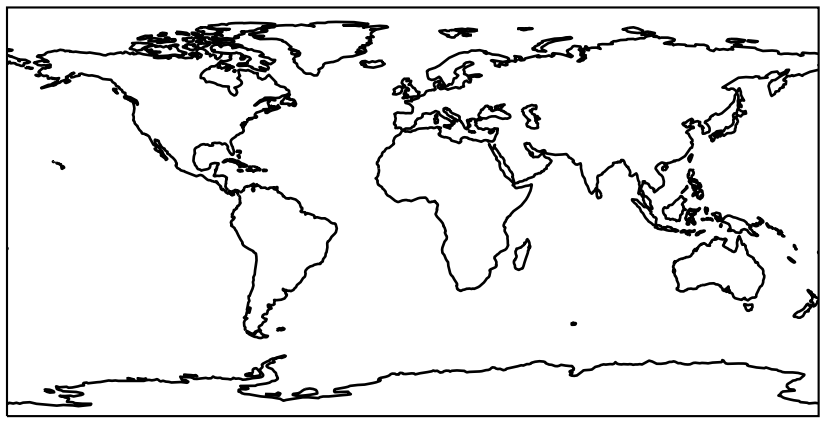


Jval_MP (AnnualMean)



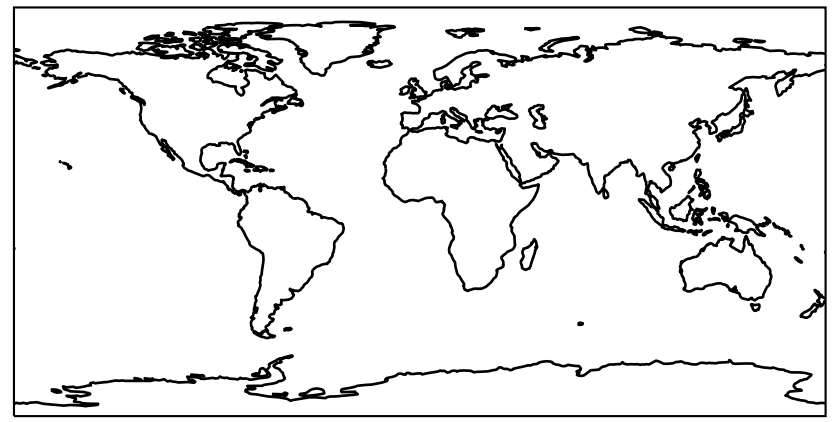
Jval_MPAN (AnnualMean)

GCC_13.3.0-rc.0 (Ref)
4.0x5.0



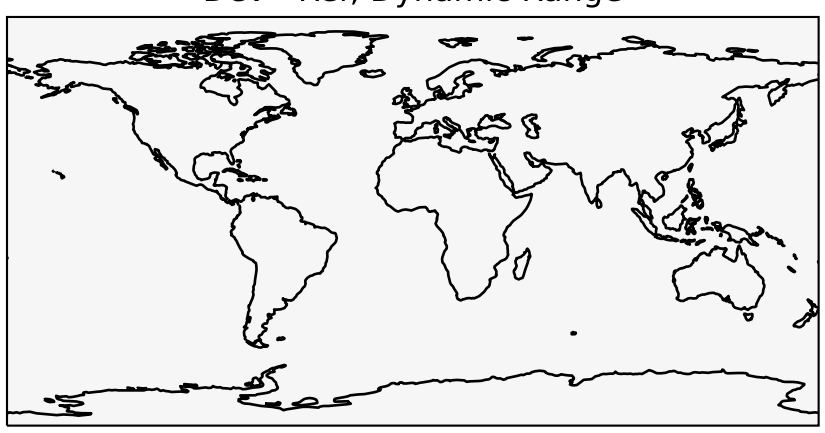
Zero throughout domain
s-1

GCC_13.4.0-rc.4 (Dev)
4.0x5.0



Zero throughout domain
s-1

Difference
Dev - Ref, Dynamic Range



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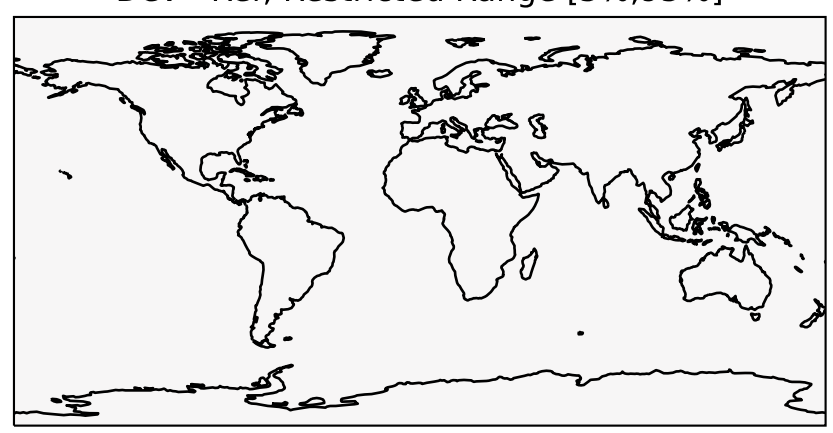
Difference
Dev - Ref, Restricted Range [5%,95%]



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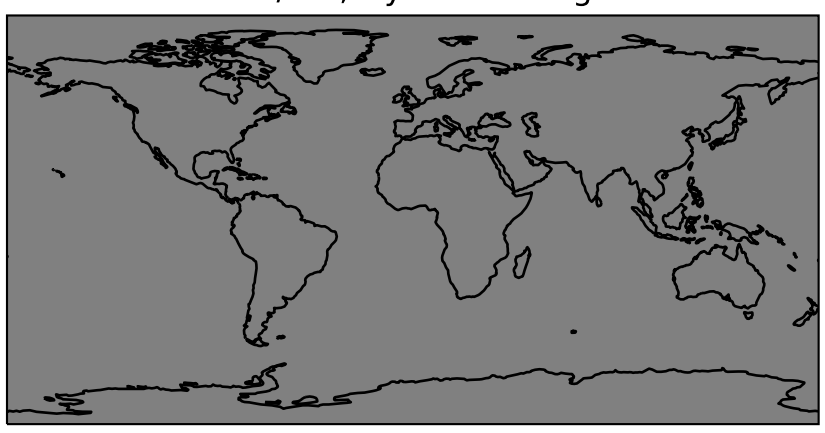
s-1

Ratio
Dev/Ref, Dynamic Range



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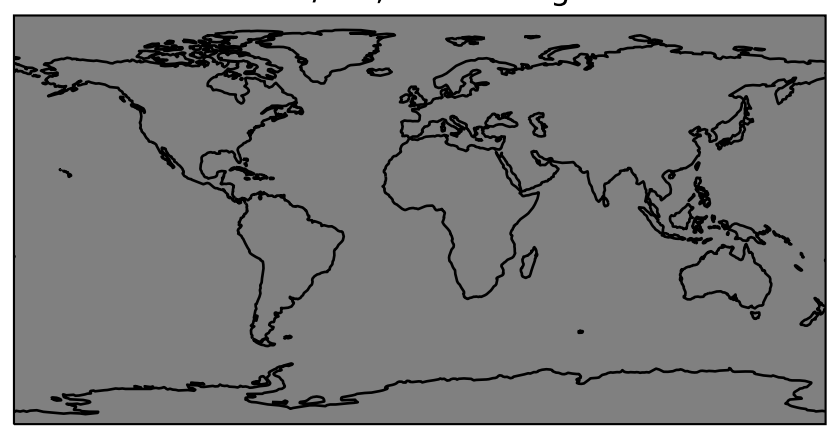
Ratio
Dev/Ref, Fixed Range



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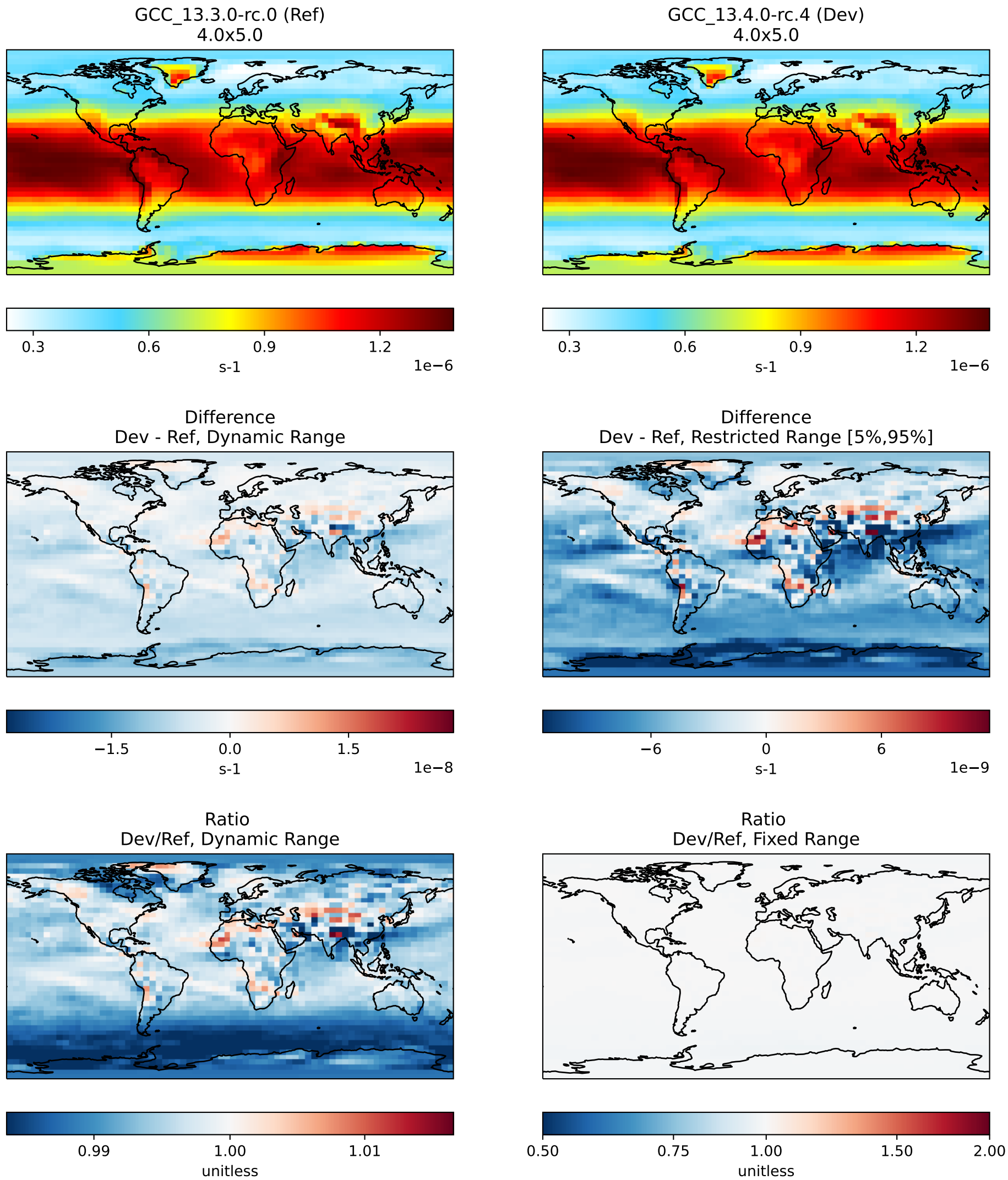
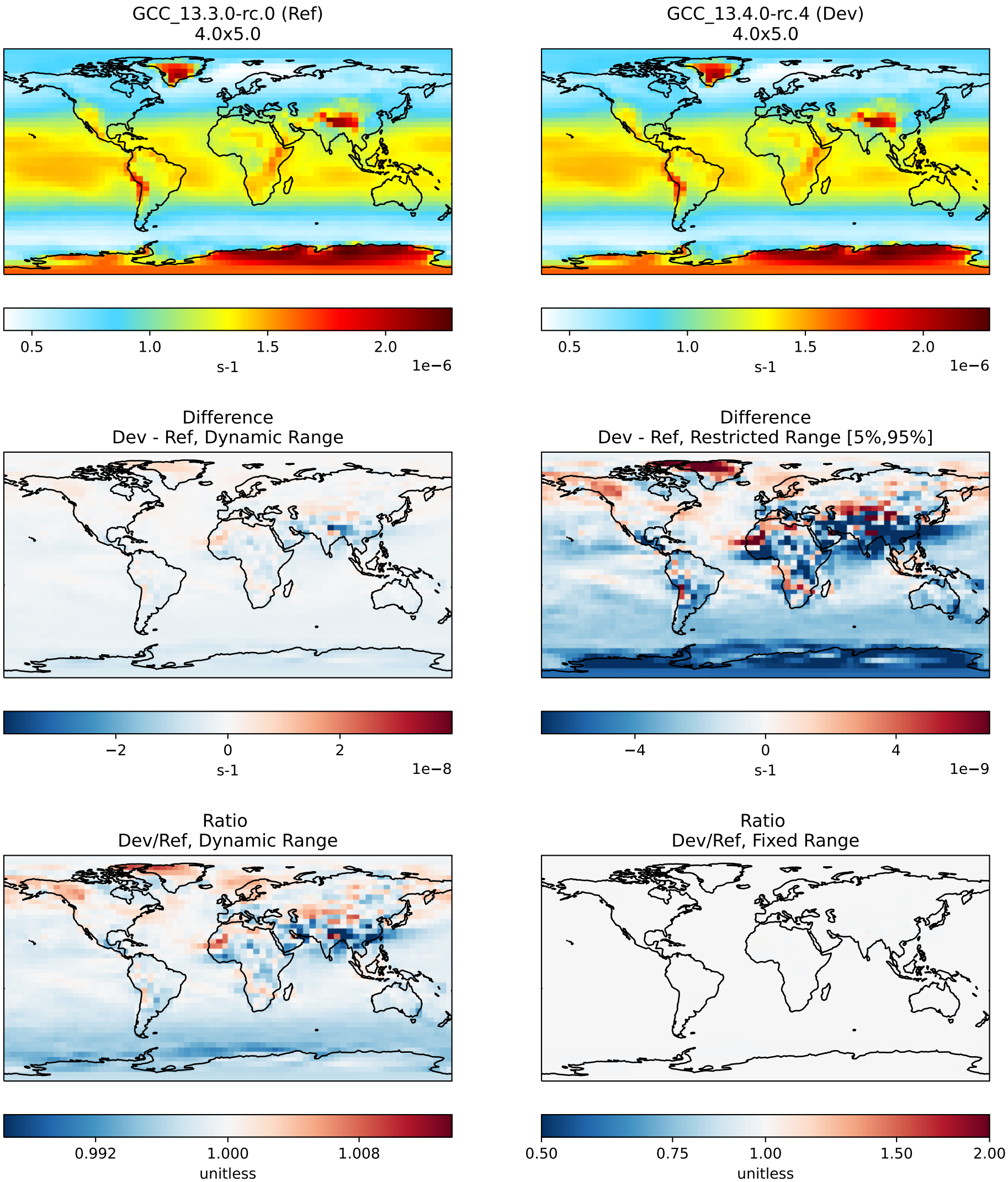
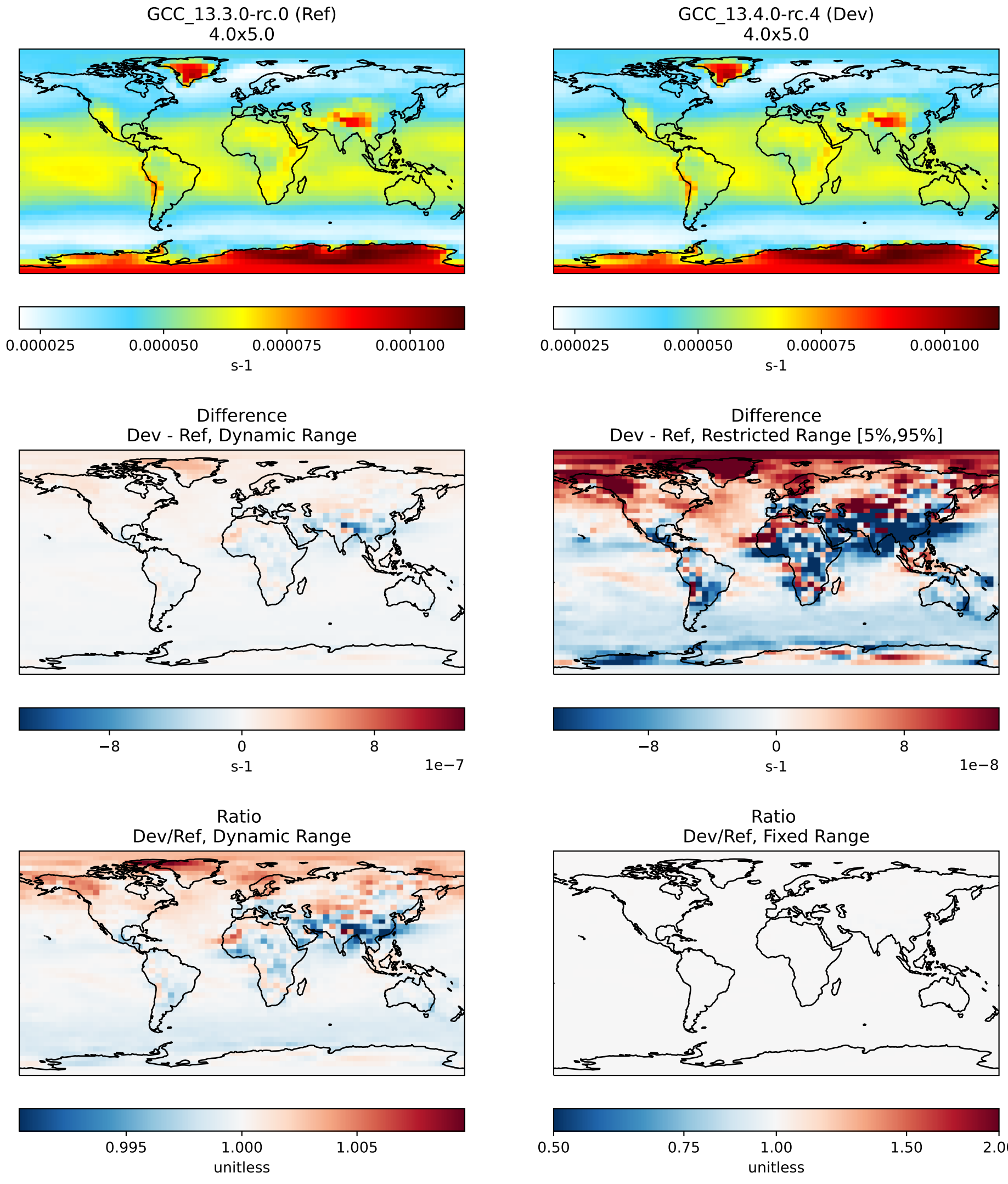
Jval_MPN (AnnualMean)



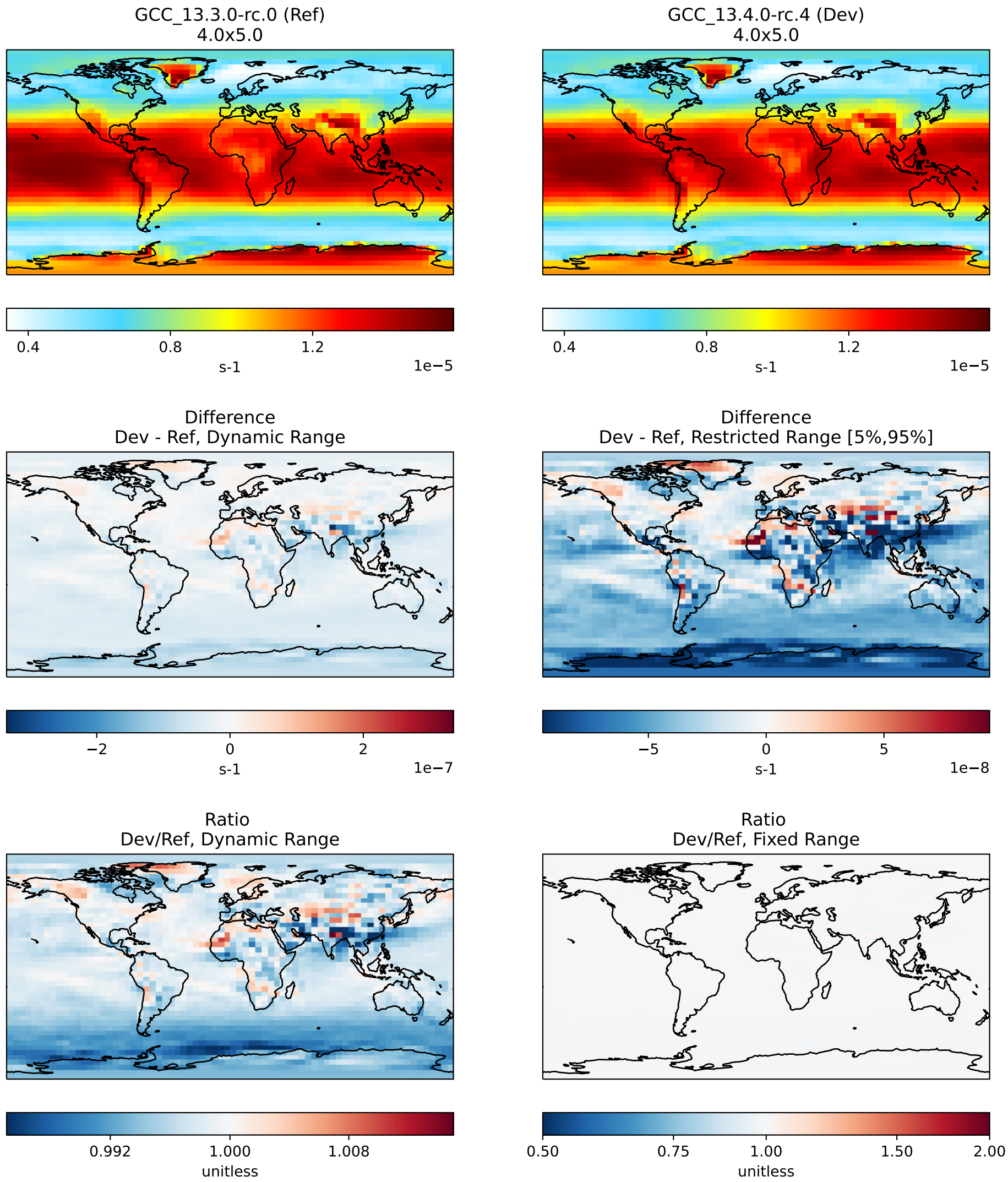
Jval_MVK (AnnualMean)



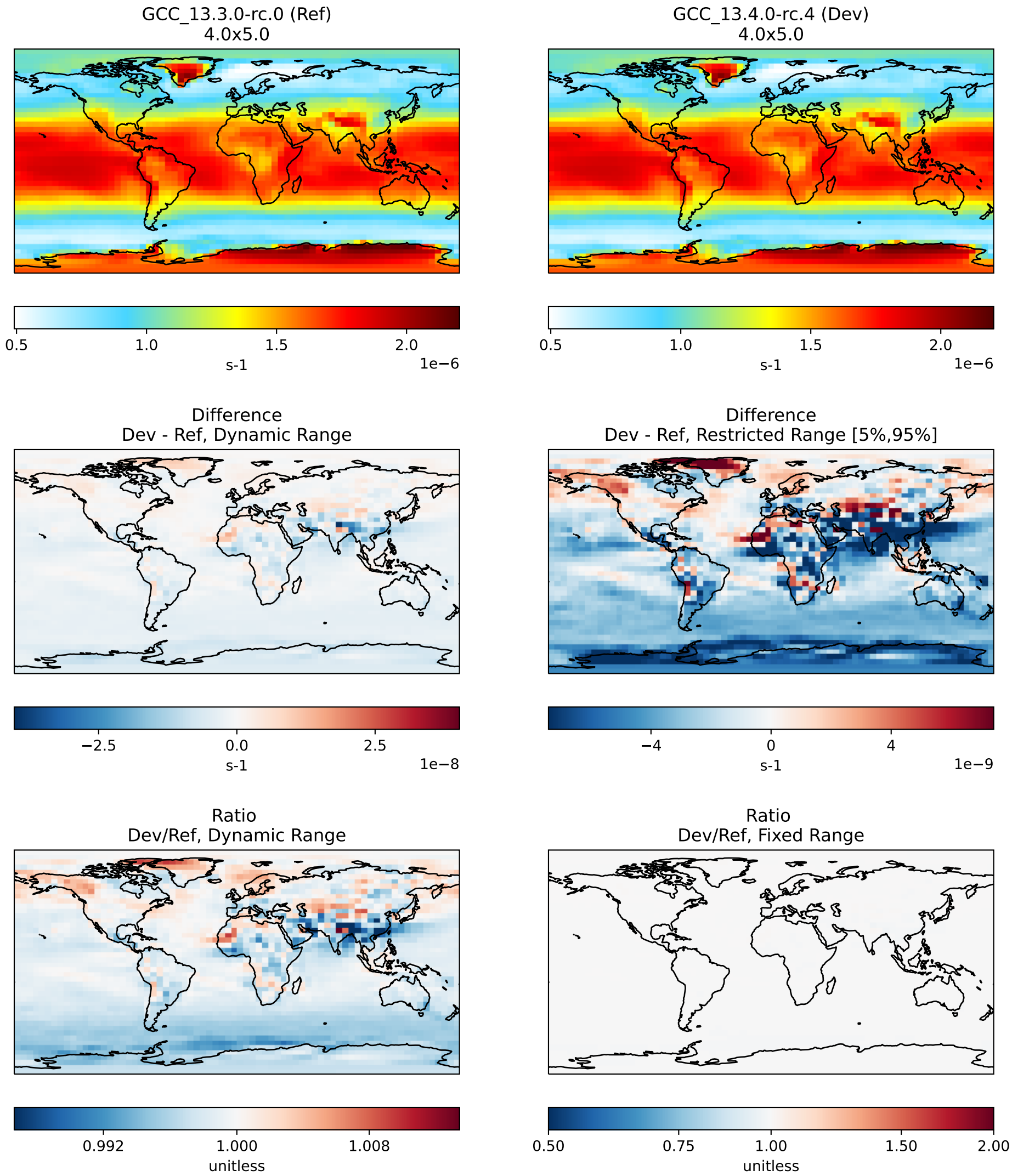
Jval_MVKHC (AnnualMean)



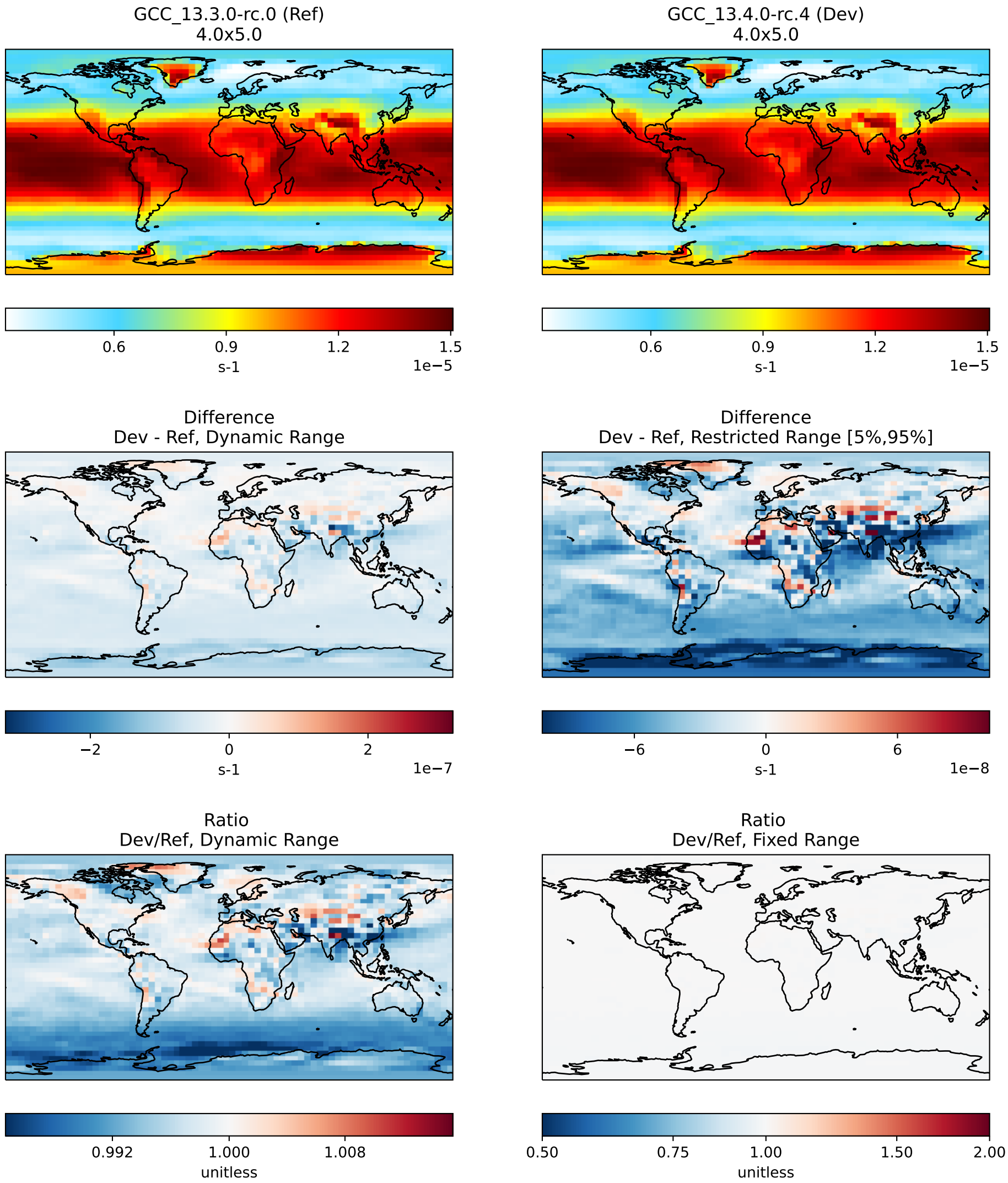
Jval_MVKHCB (AnnualMean)



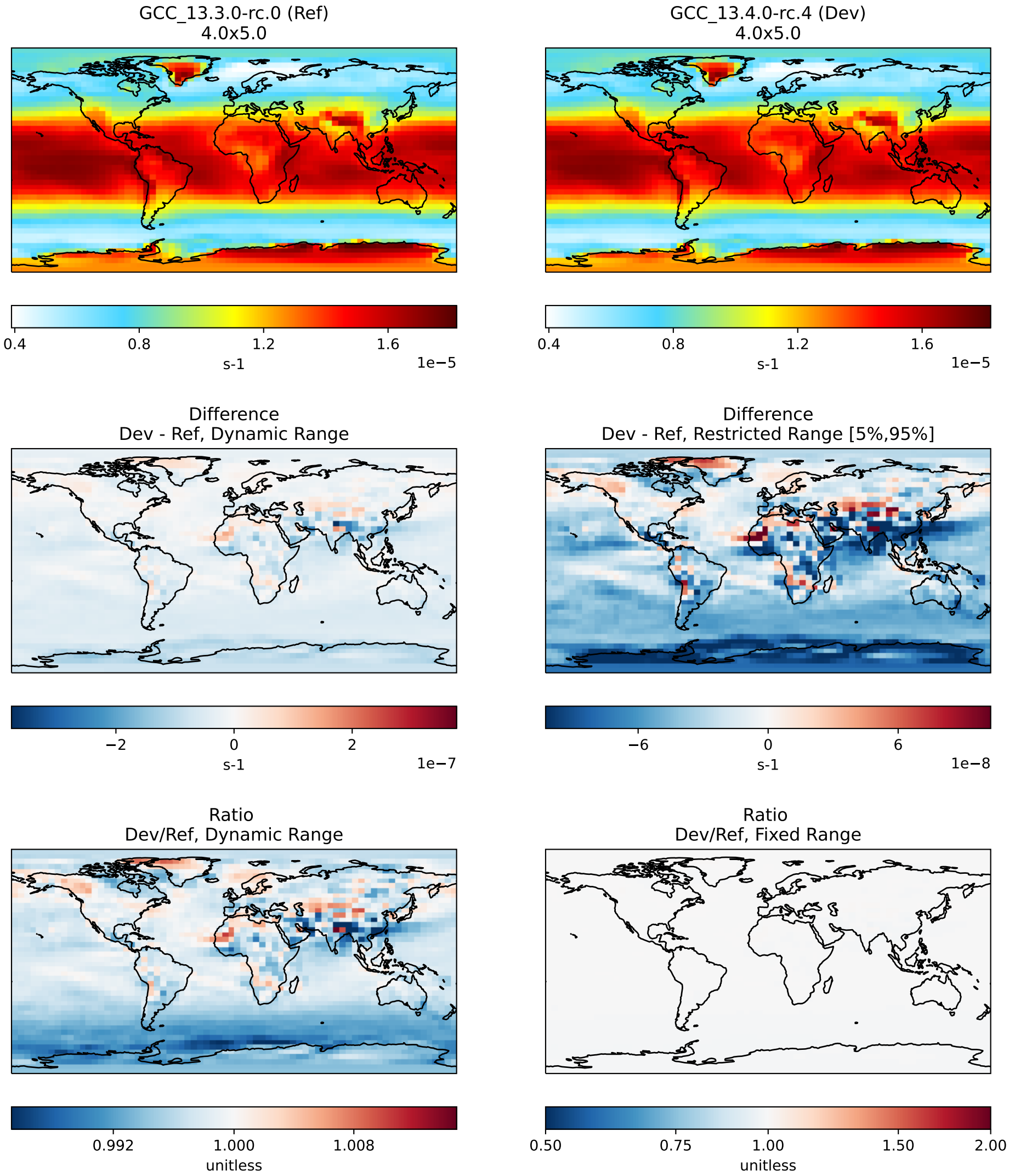
Jval_MVKHP (AnnualMean)



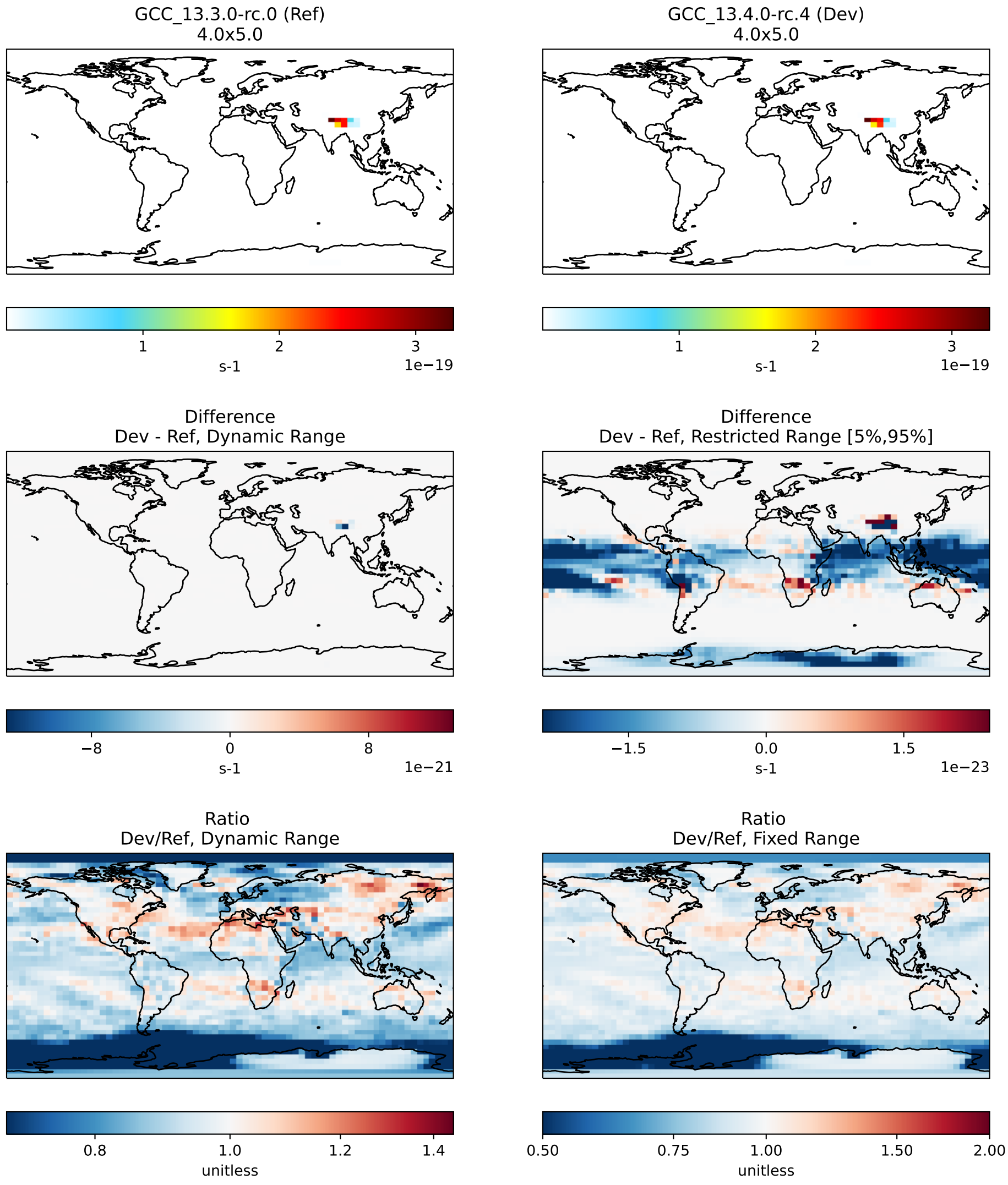
Jval_MVKN (AnnualMean)



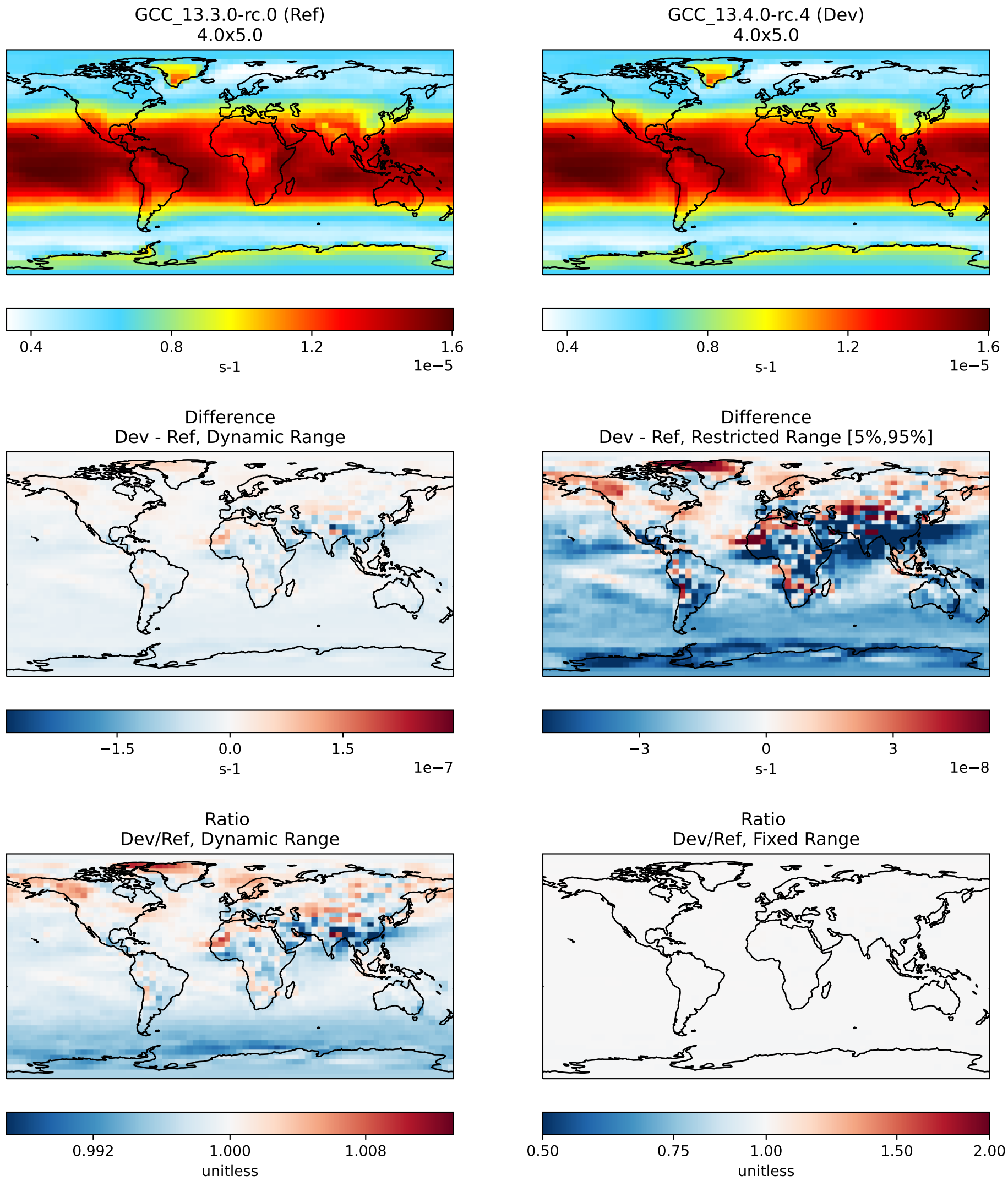
Jval_MVKPC (AnnualMean)



Jval_N2O (AnnualMean)

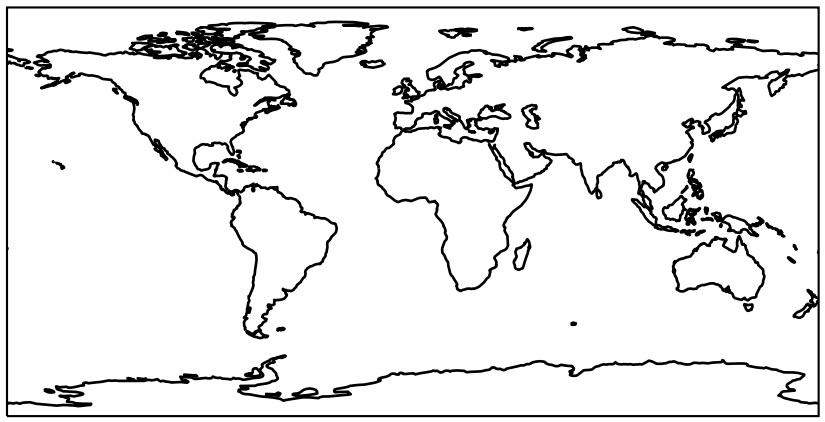


Jval_N2O5 (AnnualMean)



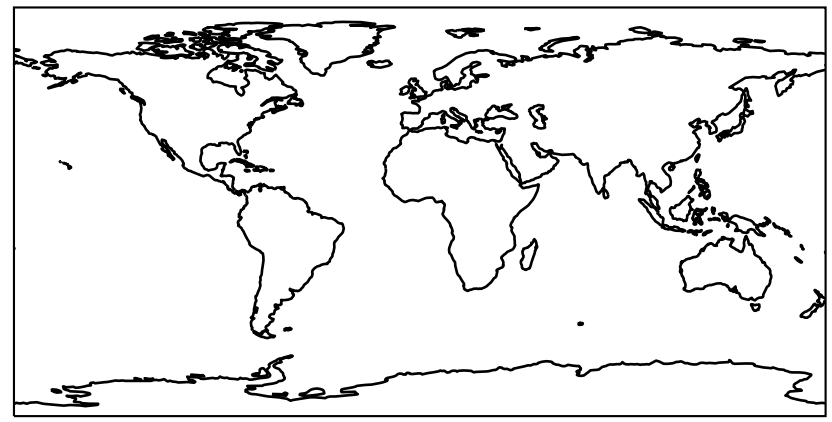
Jval_NIT (AnnualMean)

GCC_13.3.0-rc.0 (Ref)
4.0x5.0



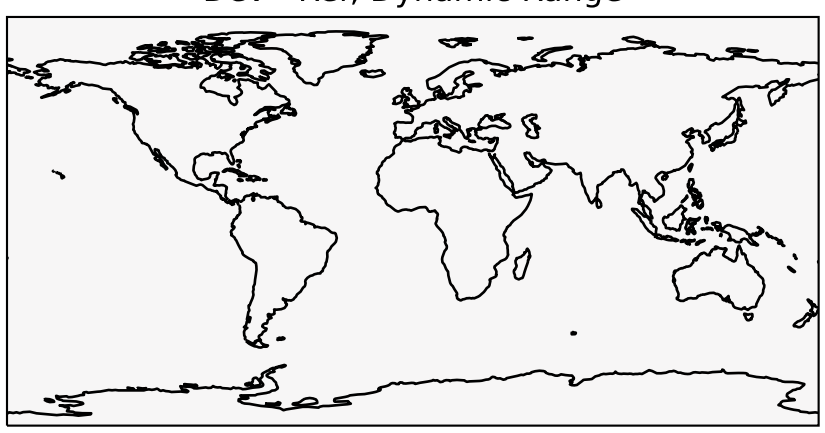
Zero throughout domain
s-1

GCC_13.4.0-rc.4 (Dev)
4.0x5.0



Zero throughout domain
s-1

Difference
Dev - Ref, Dynamic Range



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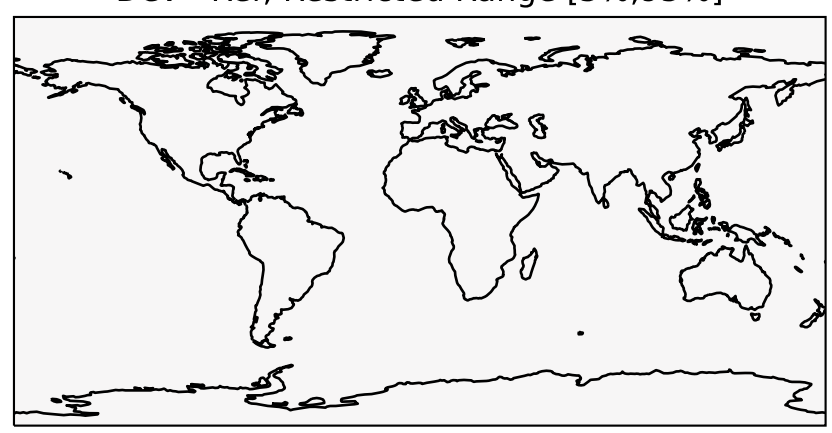
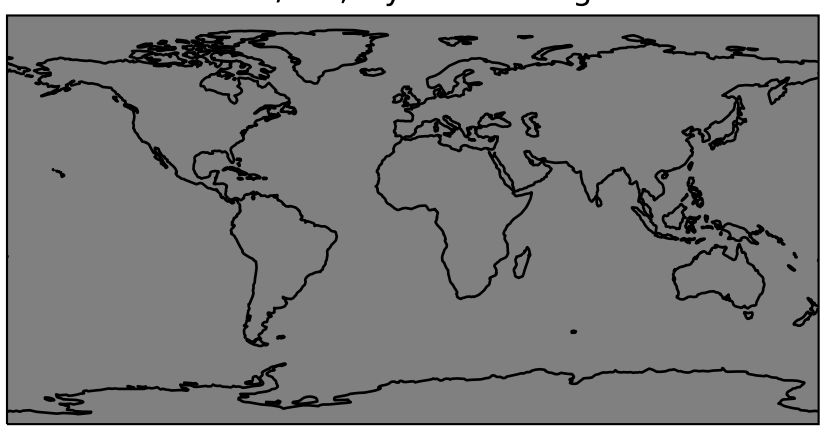
s-1

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



Zero throughout domain
s-1

Ratio
Dev/Ref, Dynamic Range



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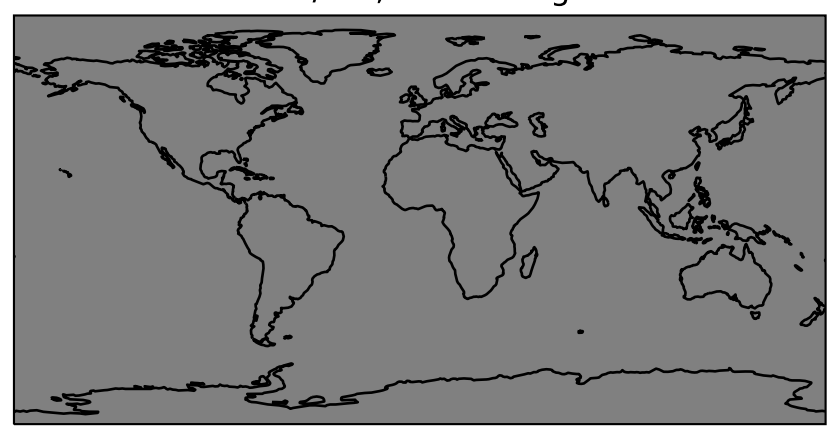
Ratio
Dev/Ref, Fixed Range



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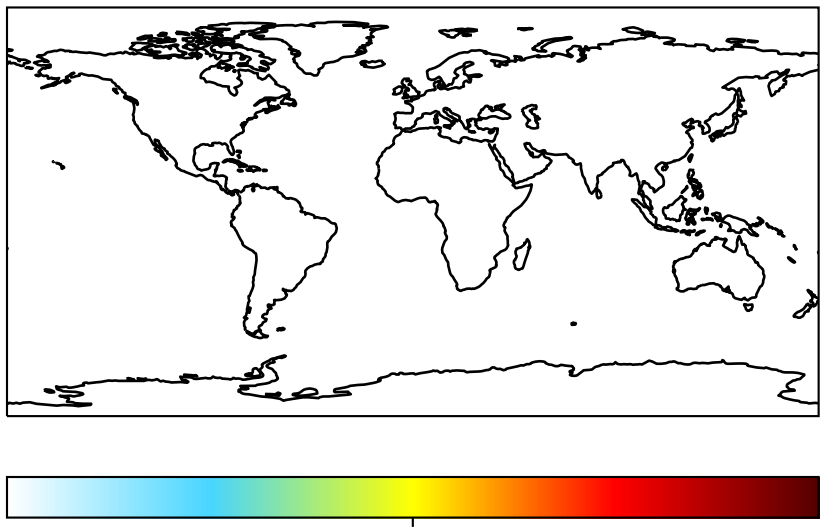
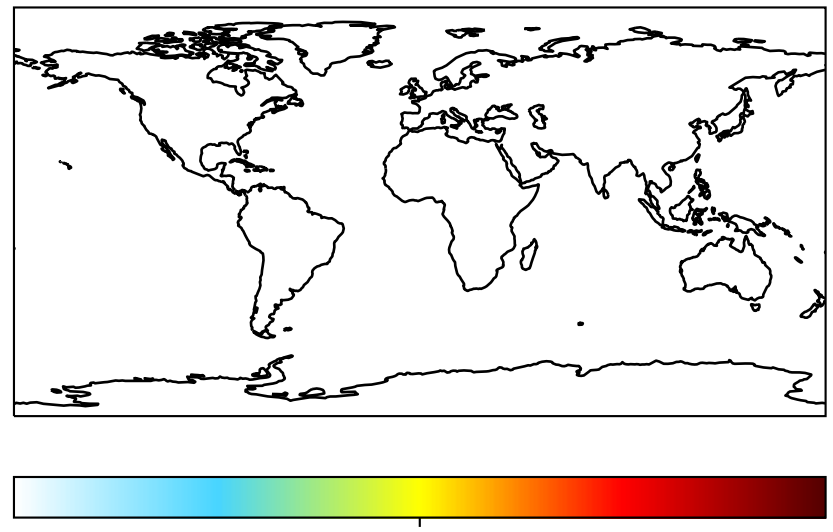
Jval_NITs (AnnualMean)

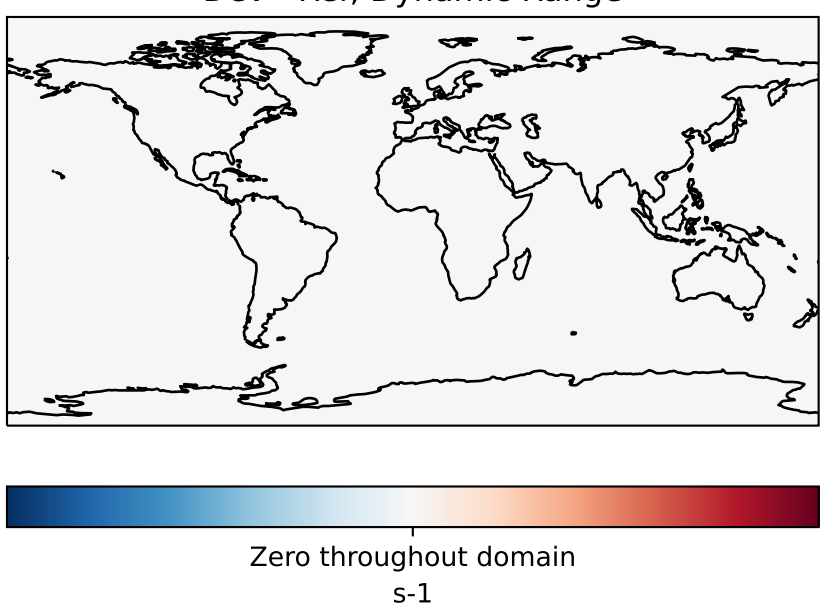
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



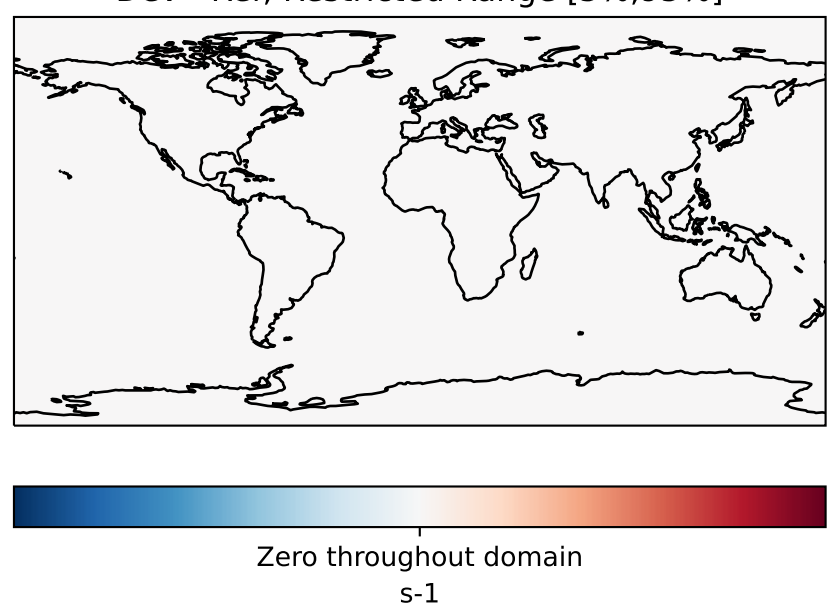
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



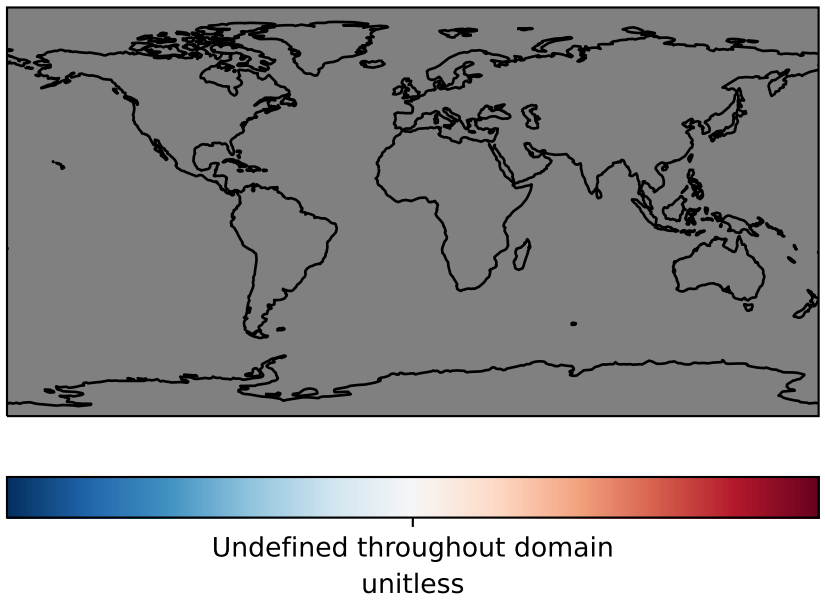
Difference
Dev - Ref, Dynamic Range



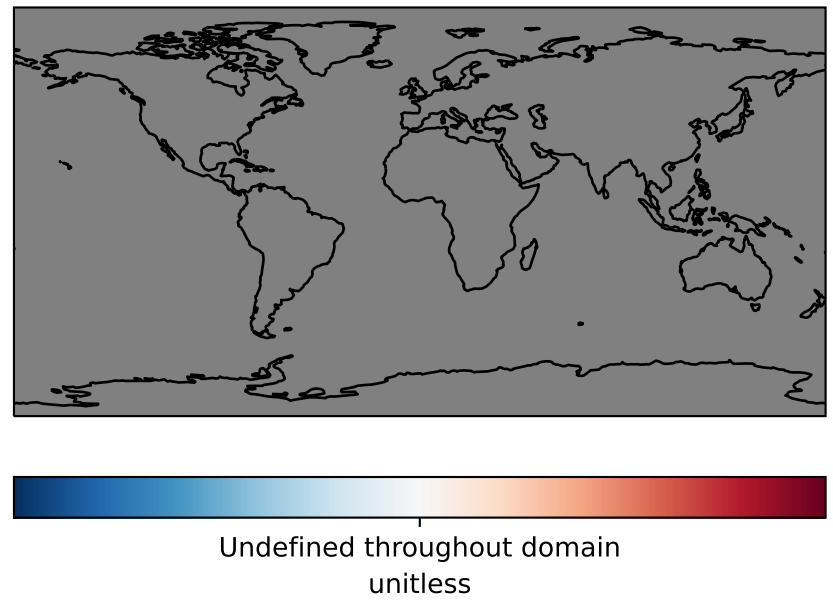
Difference
Dev - Ref, Restricted Range [5%,95%]



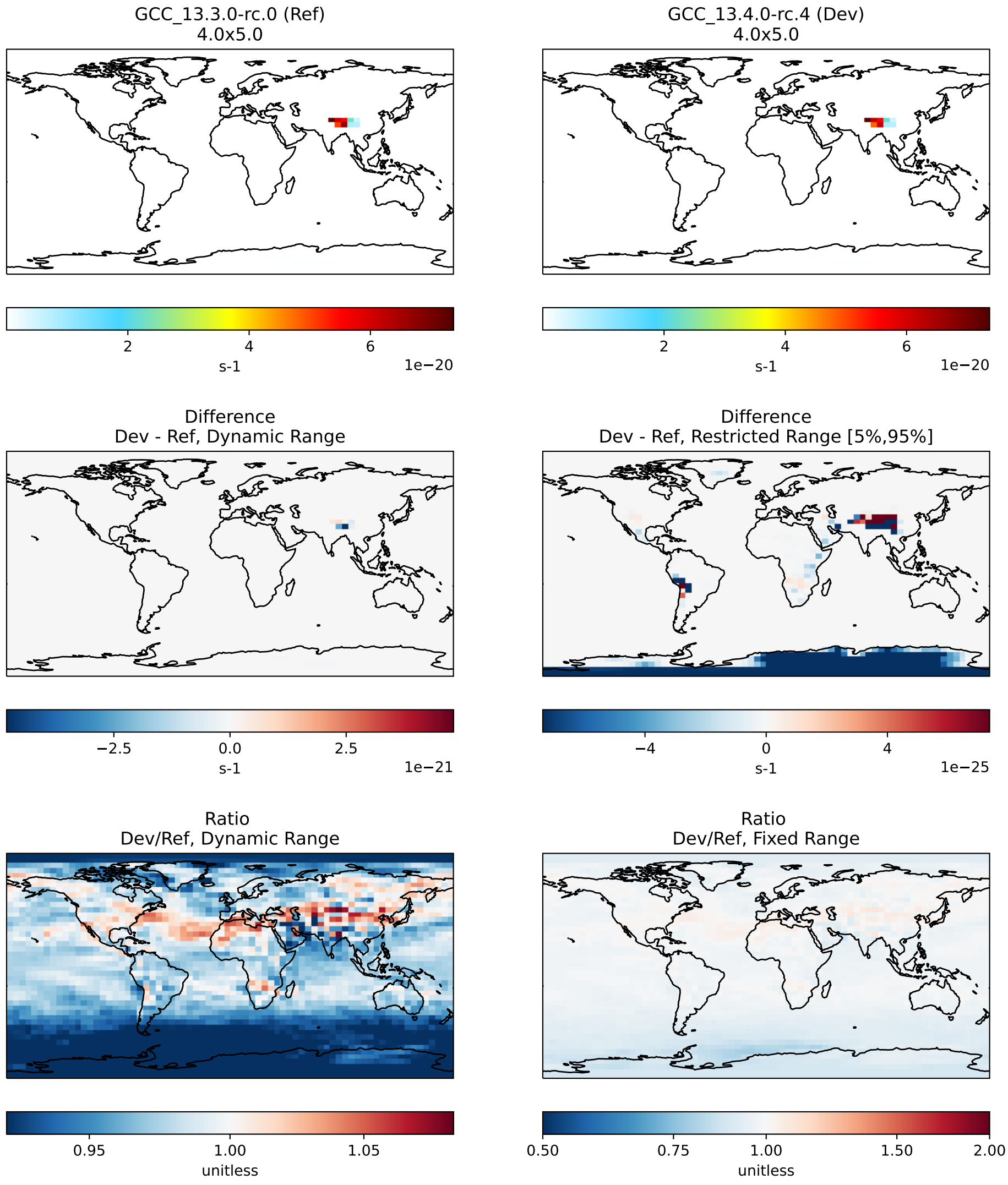
Ratio
Dev/Ref, Dynamic Range



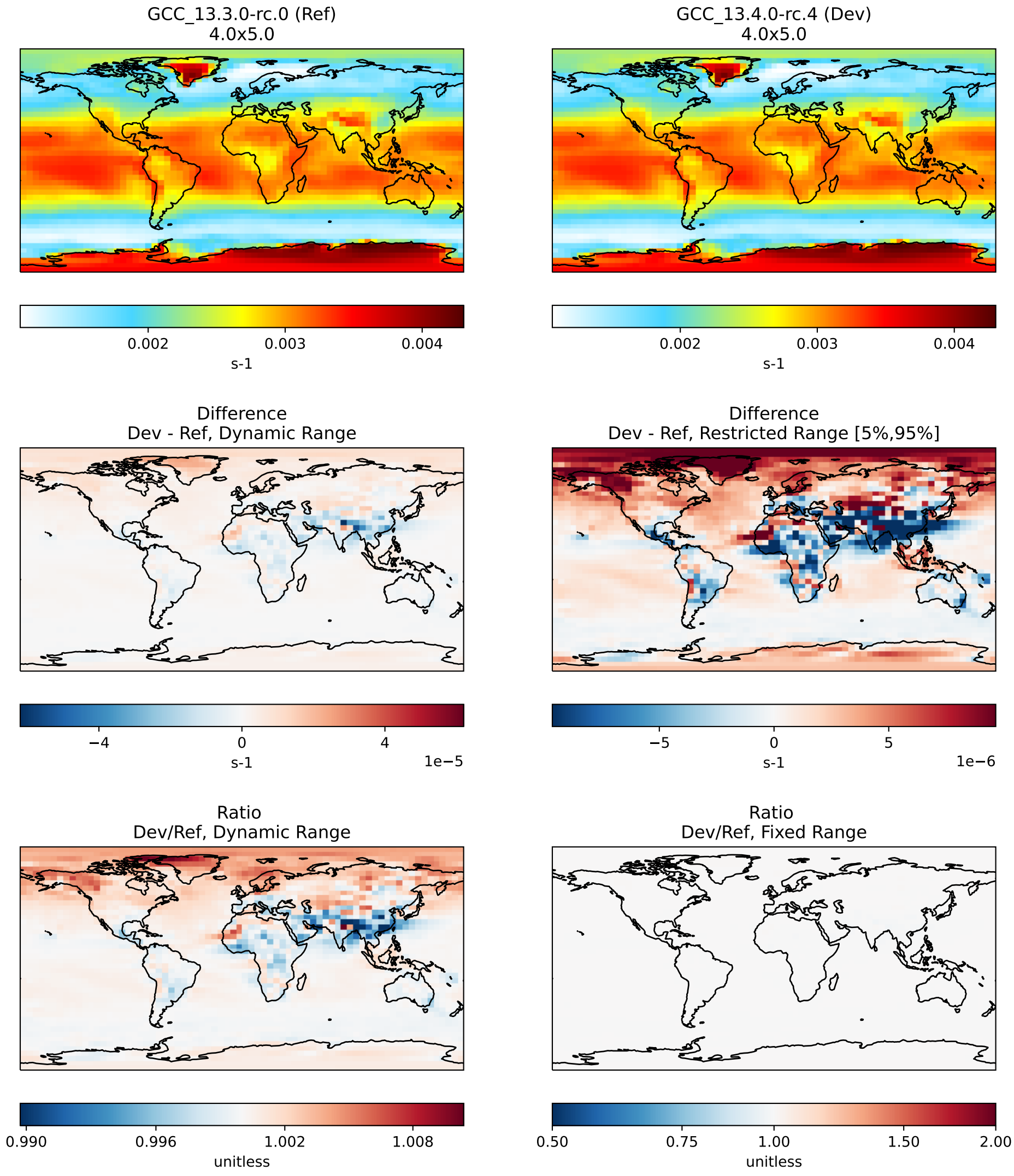
Ratio
Dev/Ref, Fixed Range



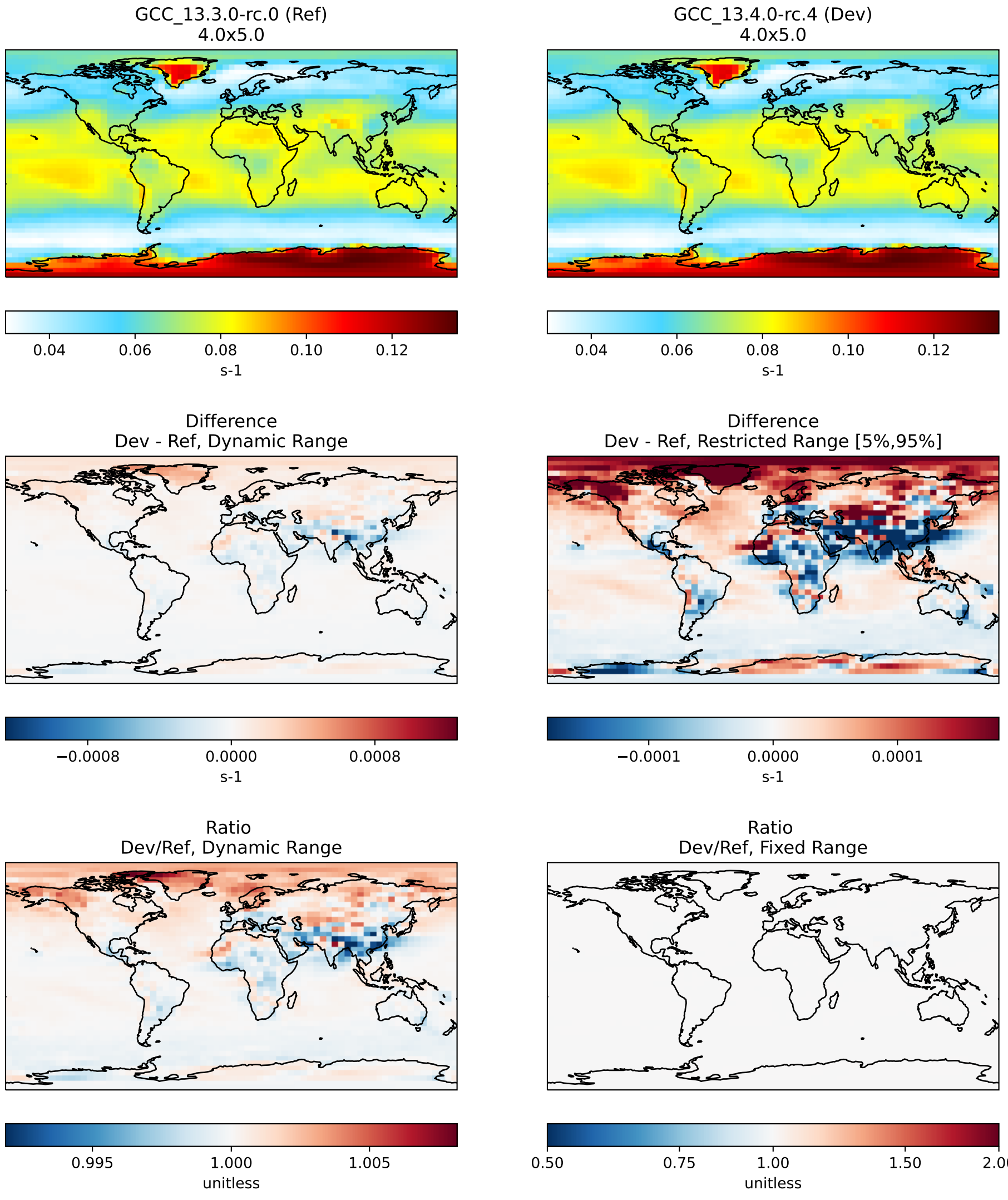
Jval_NO (AnnualMean)



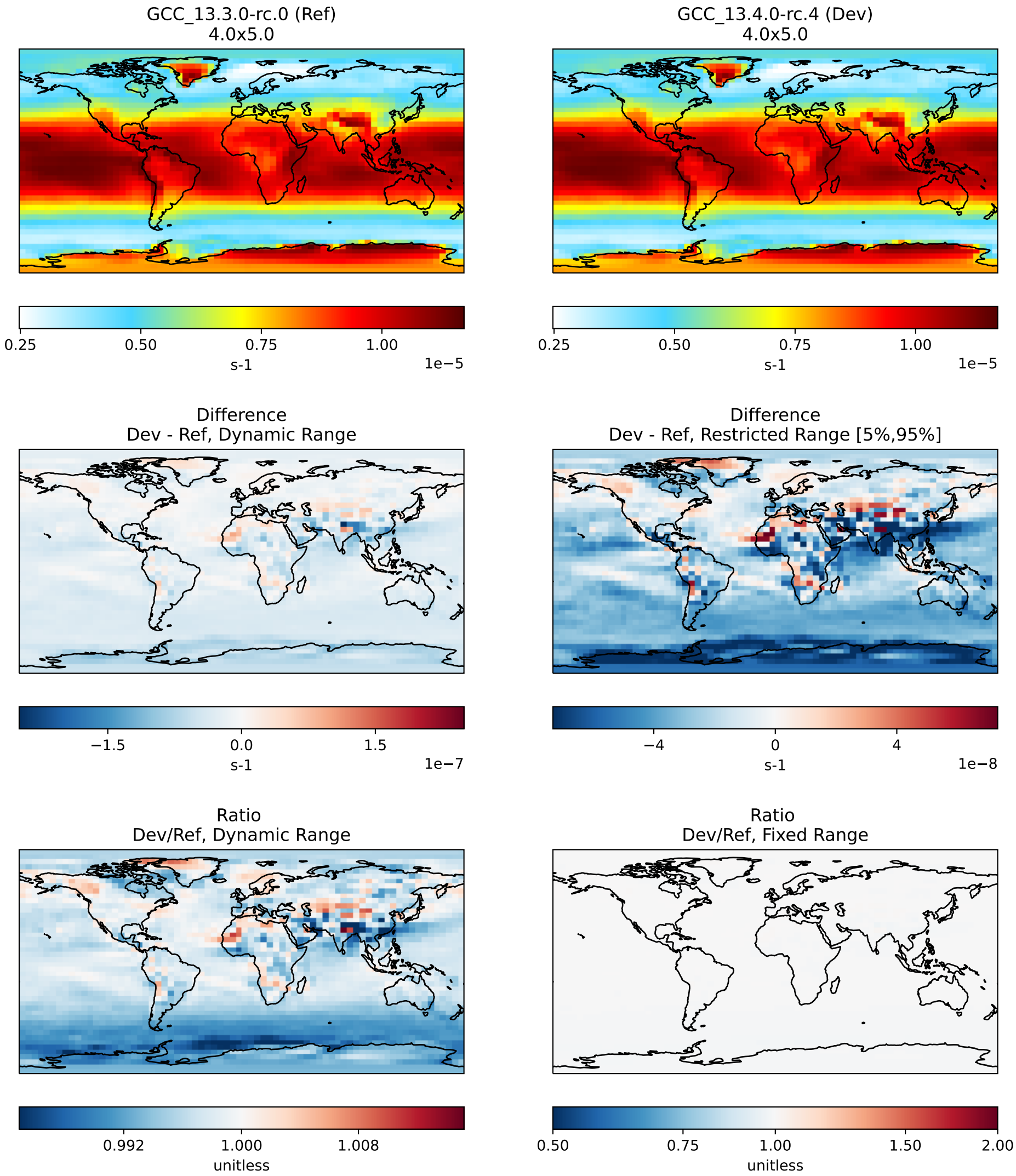
Jval_NO2 (AnnualMean)



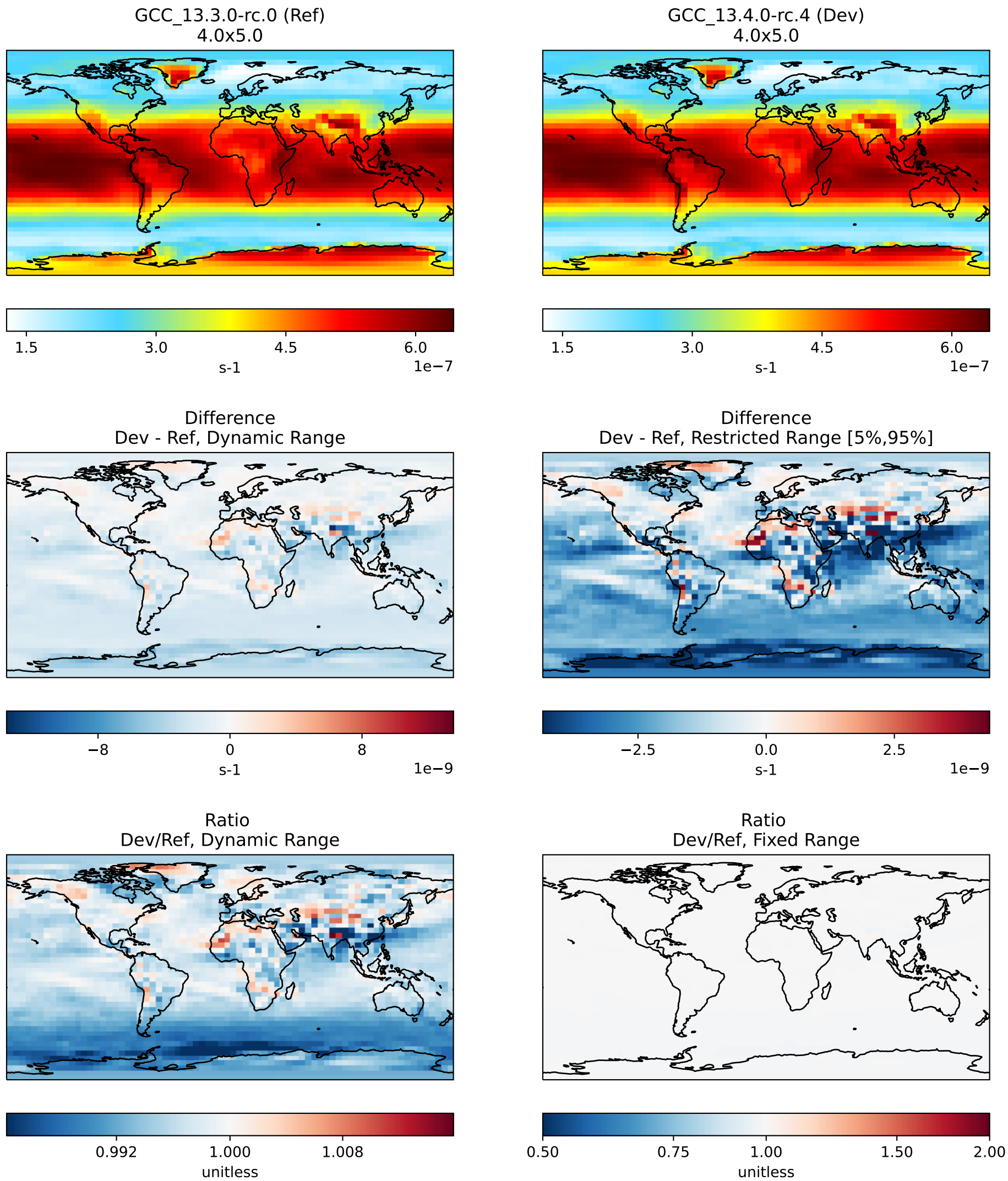
Jval_NO3 (AnnualMean)



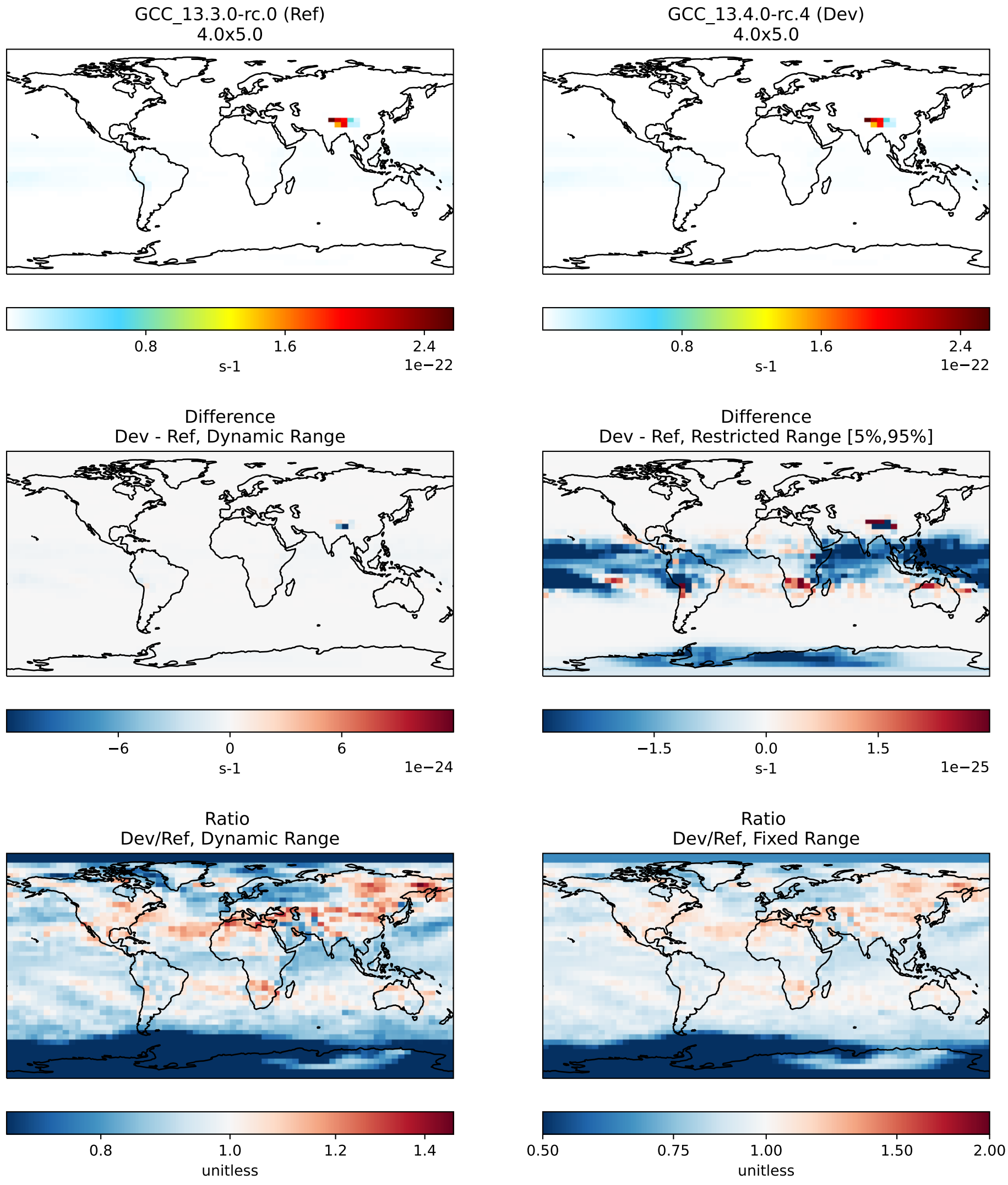
Jval_NPHEN (AnnualMean)



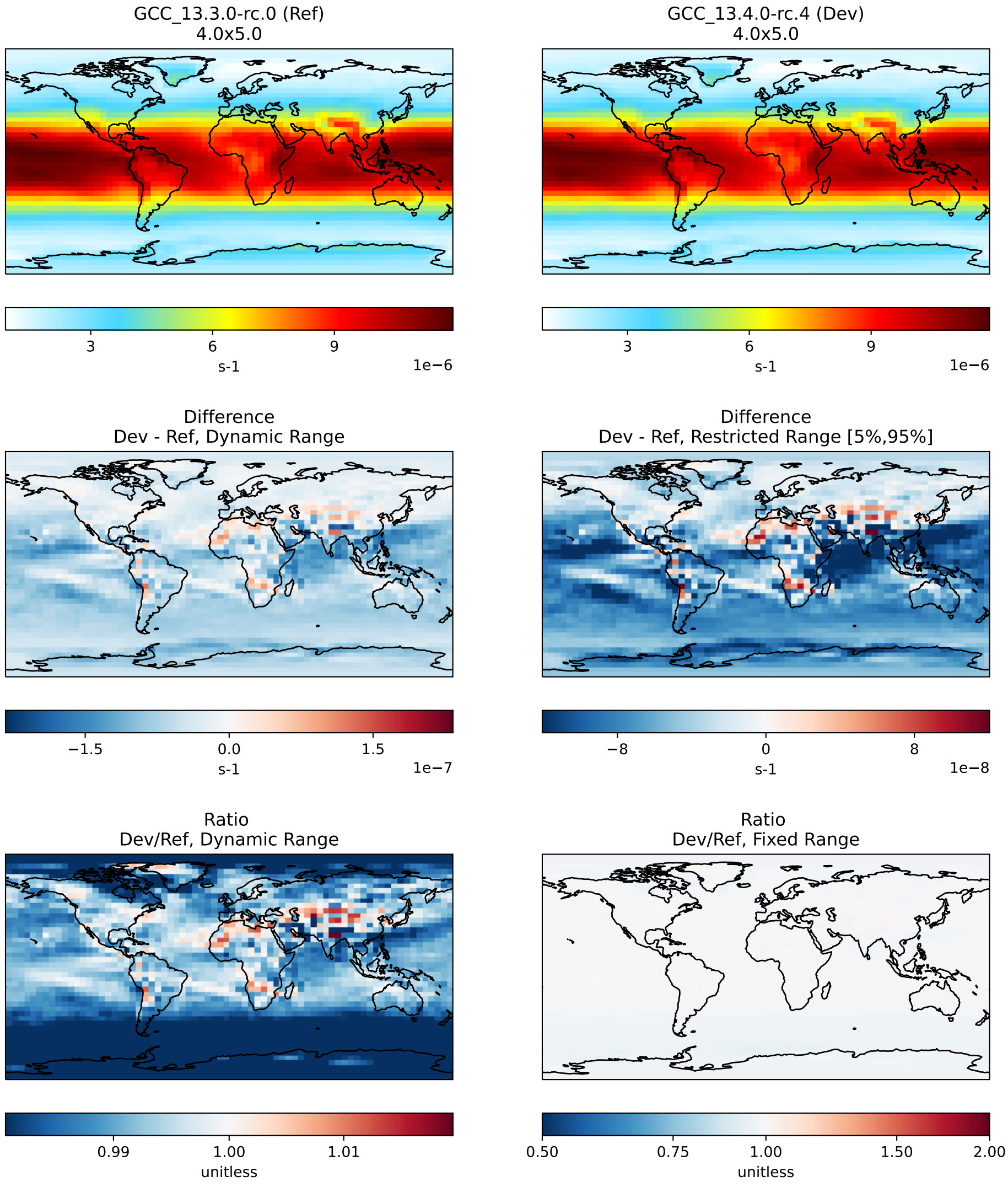
Jval_NPRNO3 (AnnualMean)



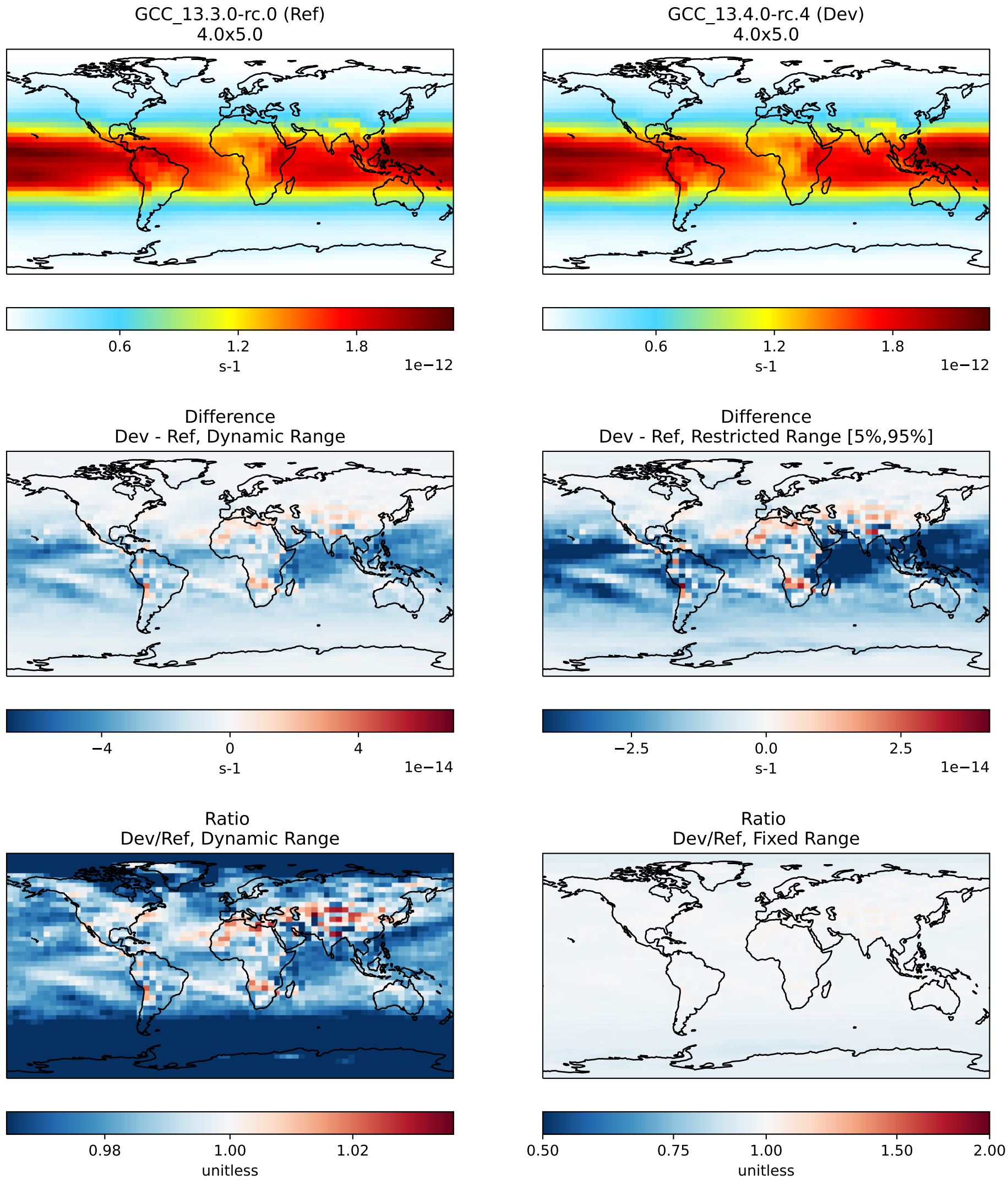
Jval_O2 (AnnualMean)



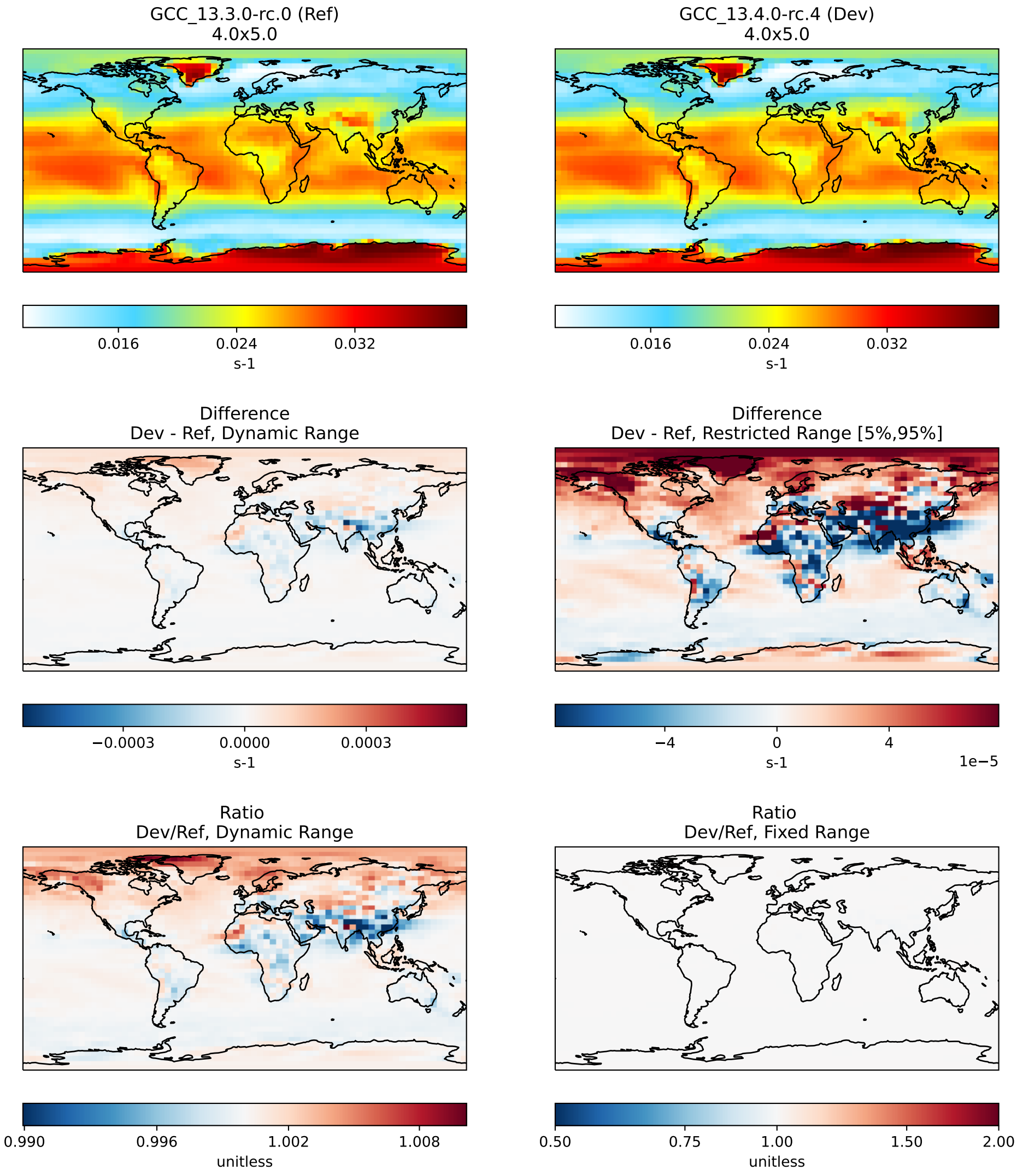
Jval_O3 (AnnualMean)



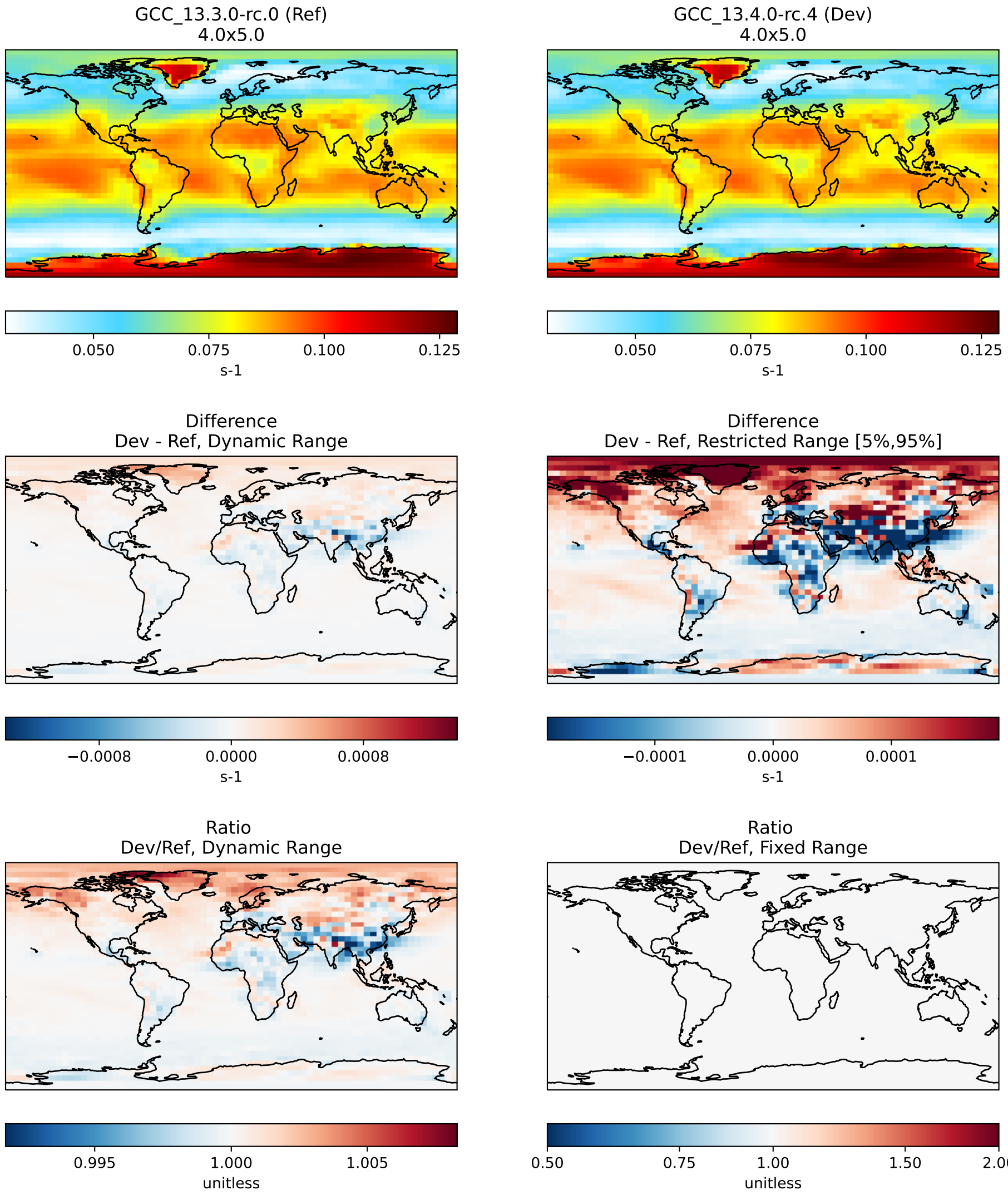
Jval_OCS (AnnualMean)



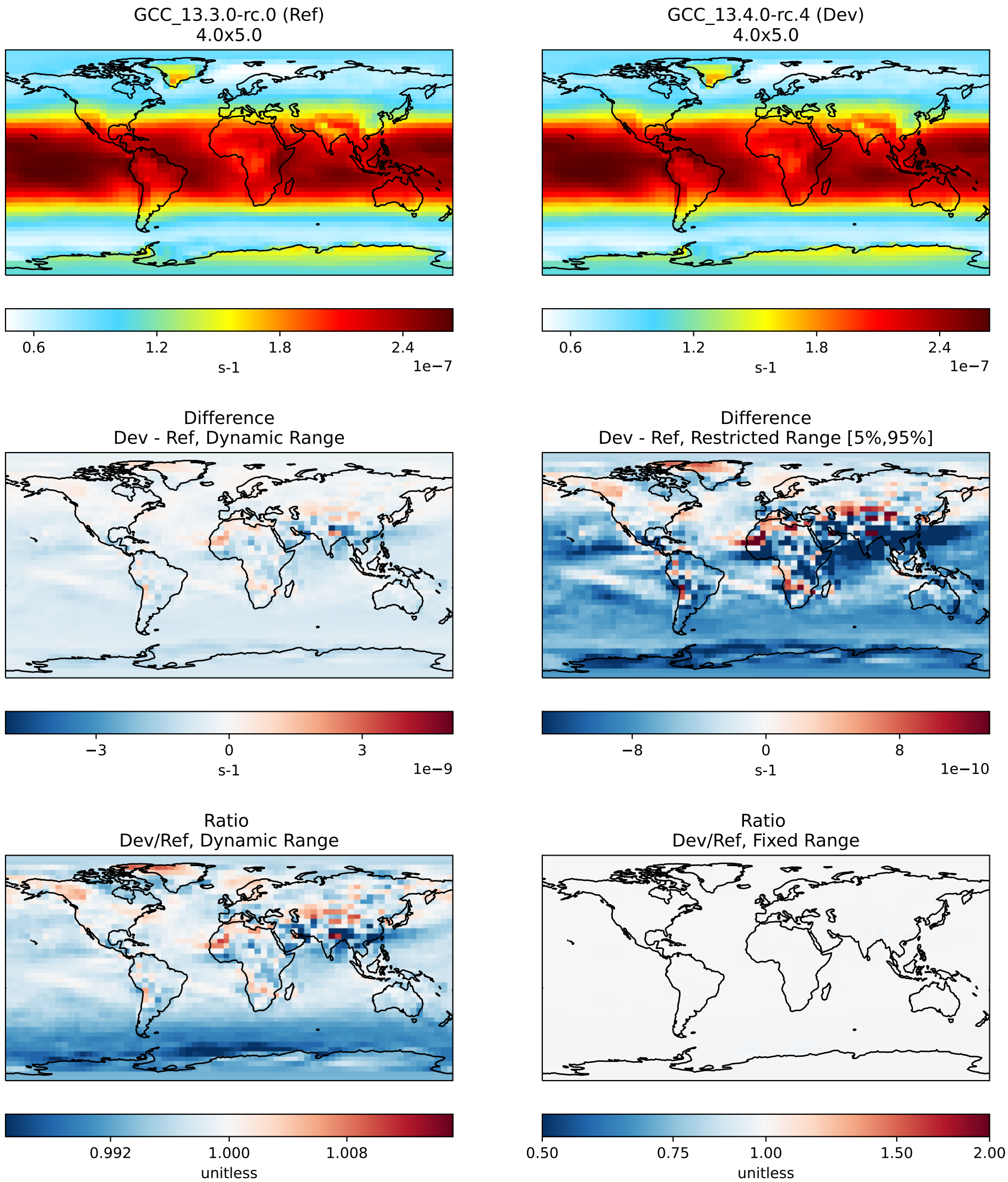
Jval_OClO (AnnualMean)



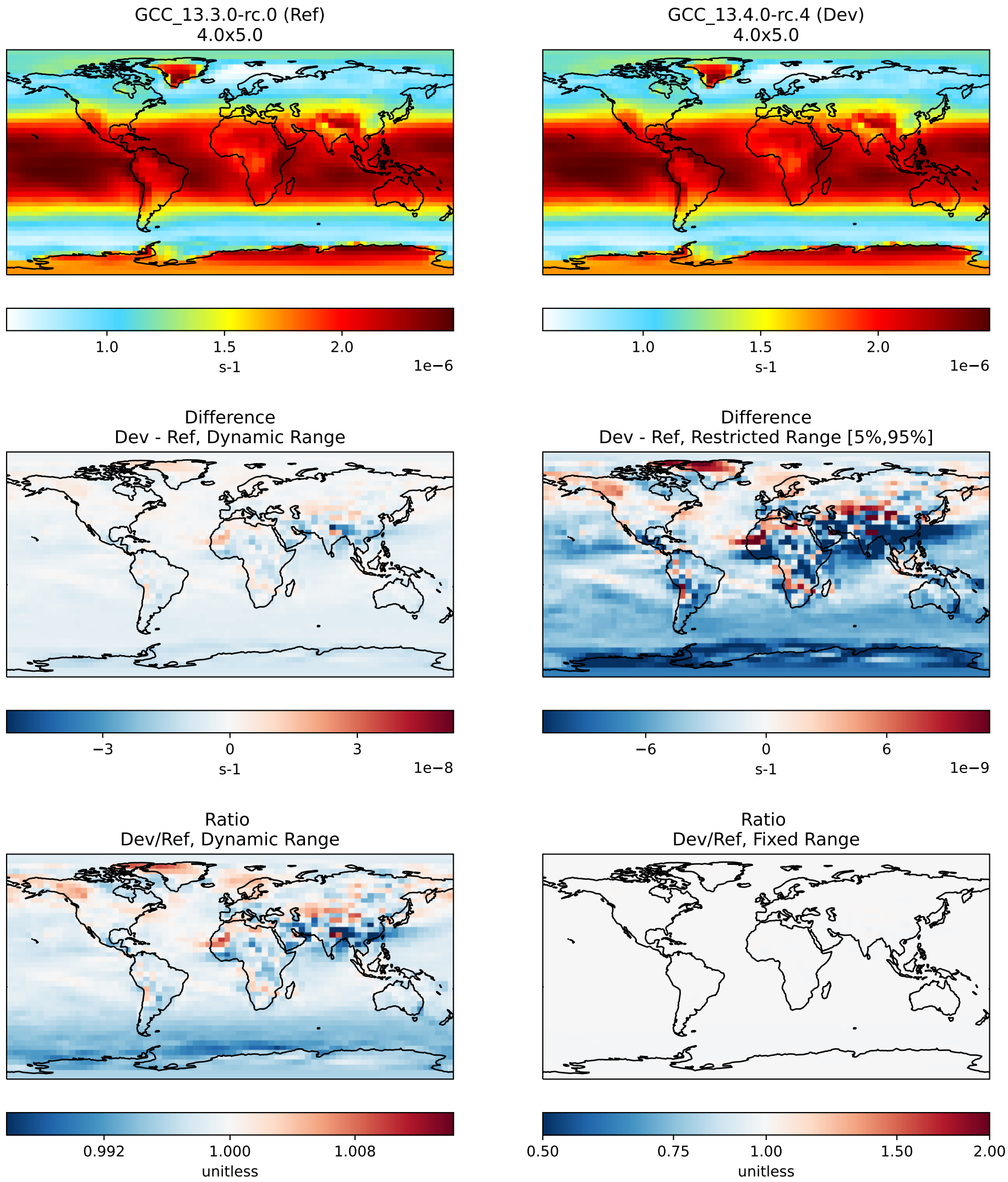
Jval_OIO (AnnualMean)



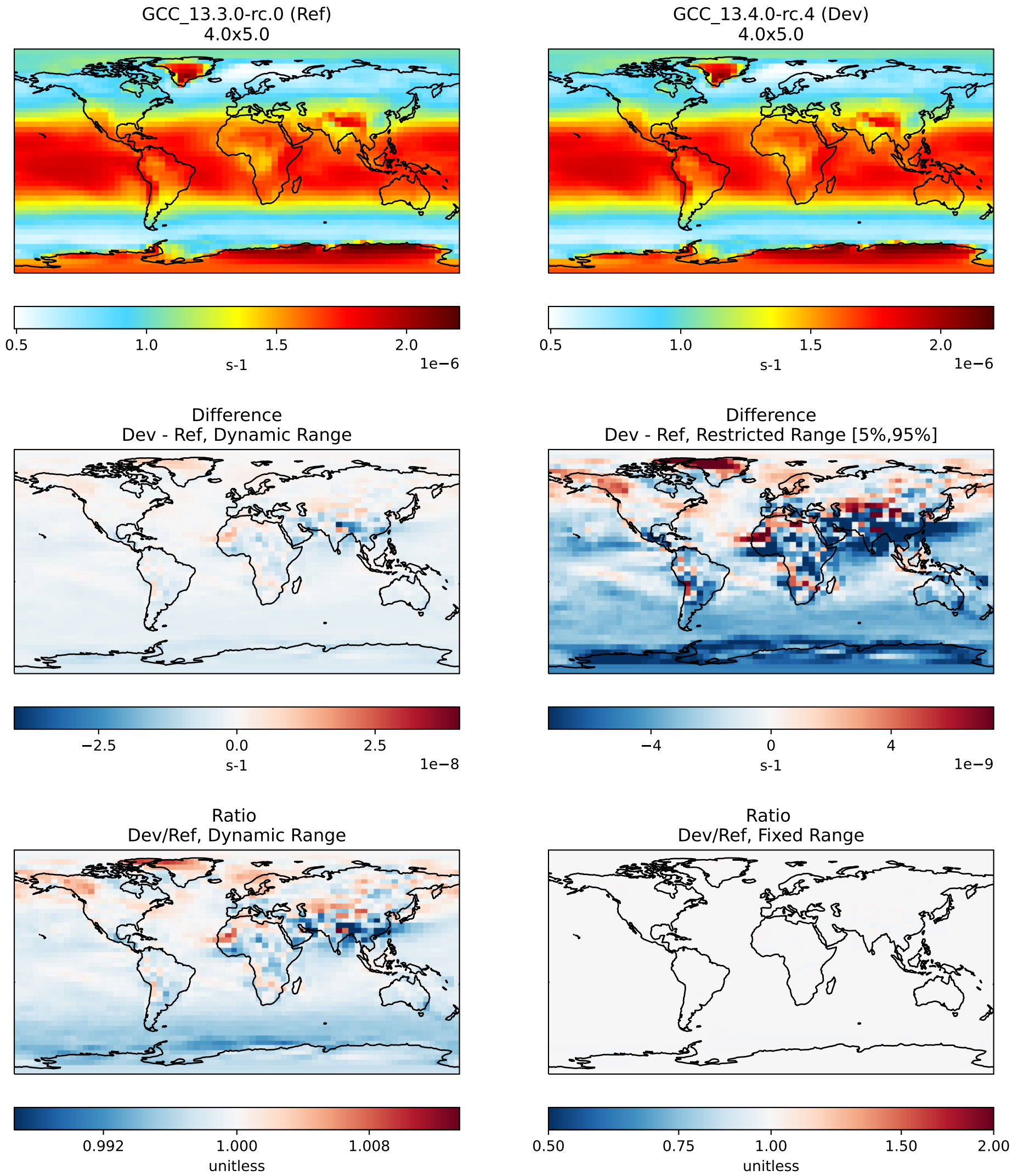
Jval_PAN (AnnualMean)



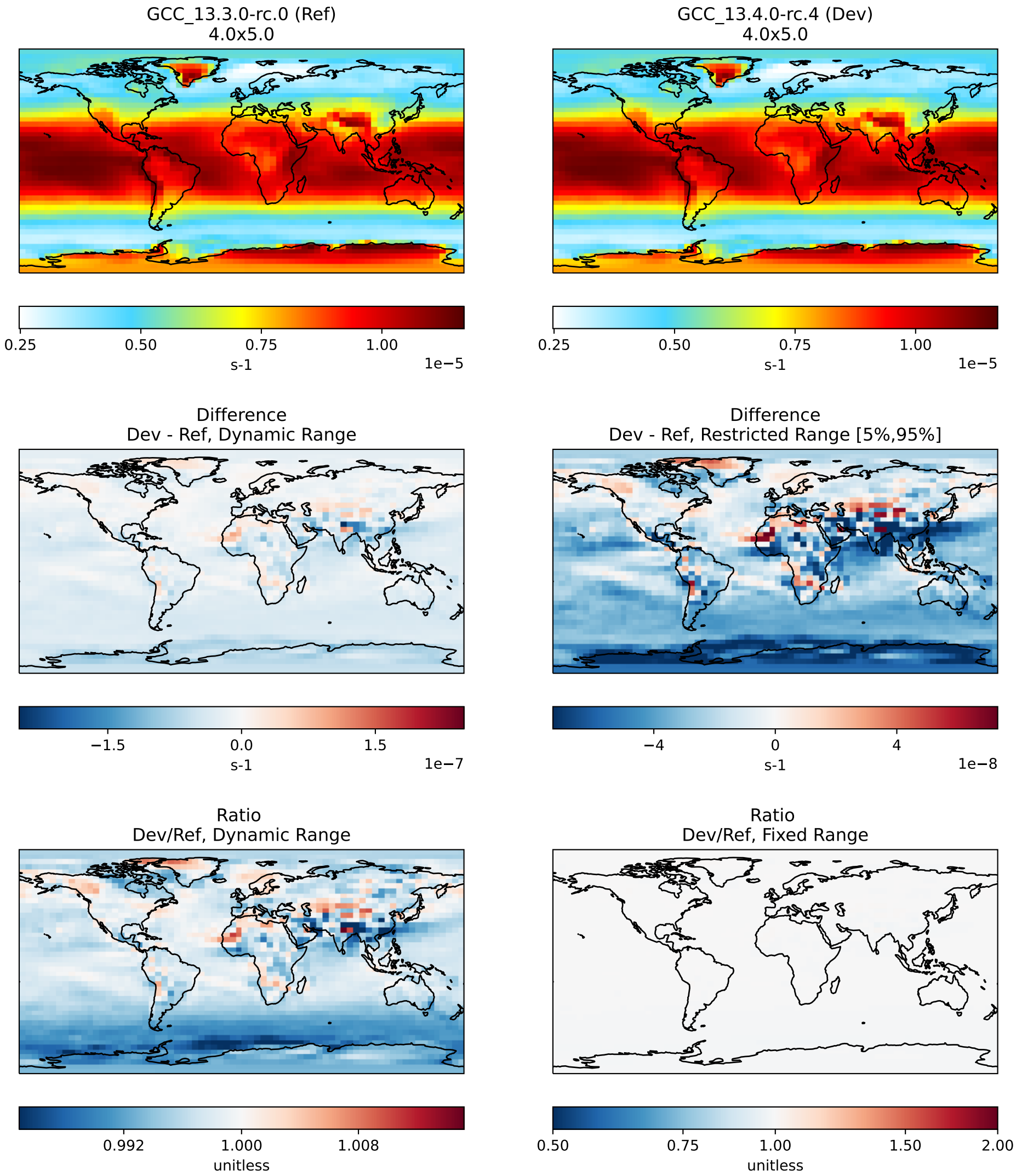
Jval_PIP (AnnualMean)



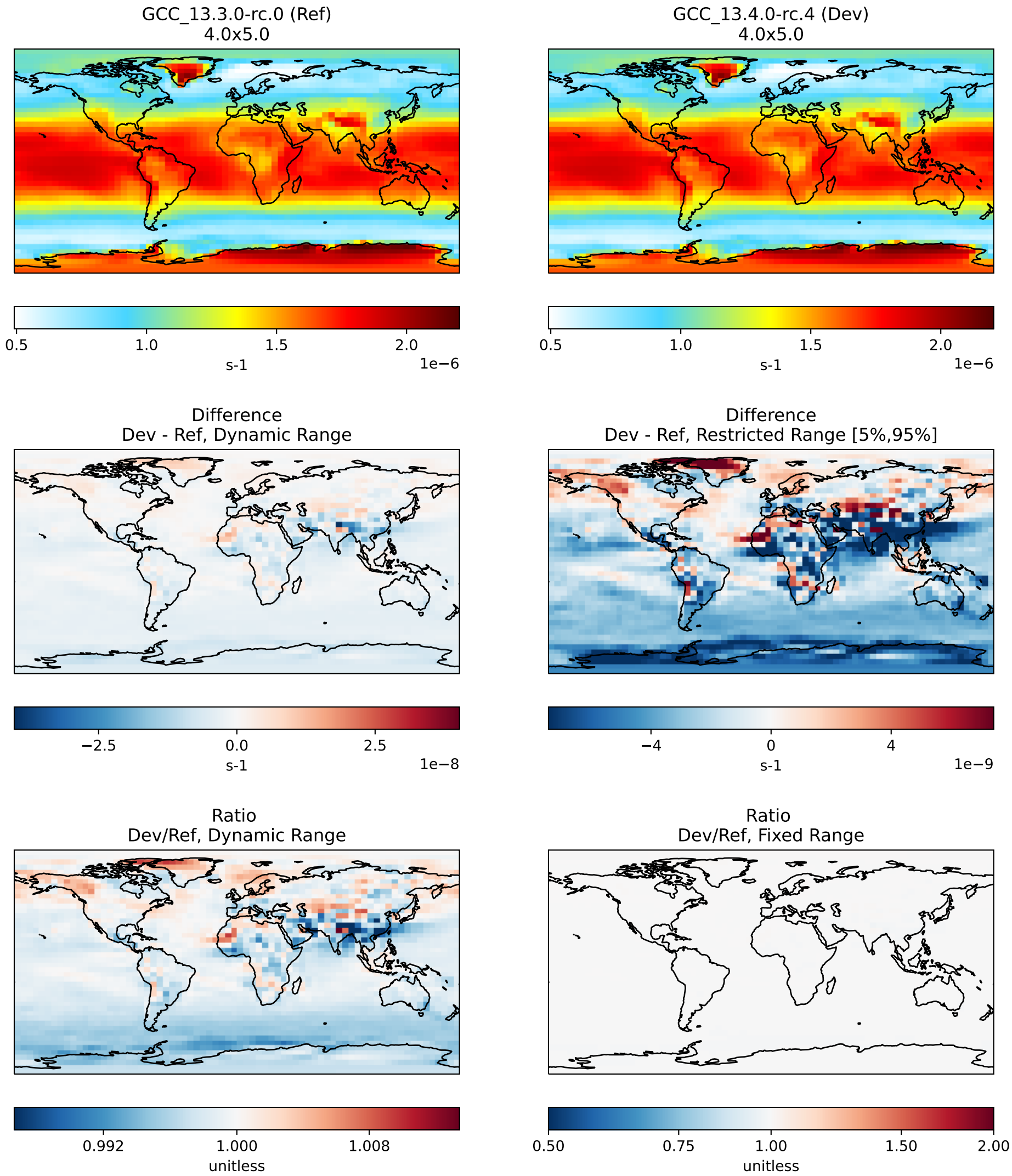
Jval_PP (AnnualMean)



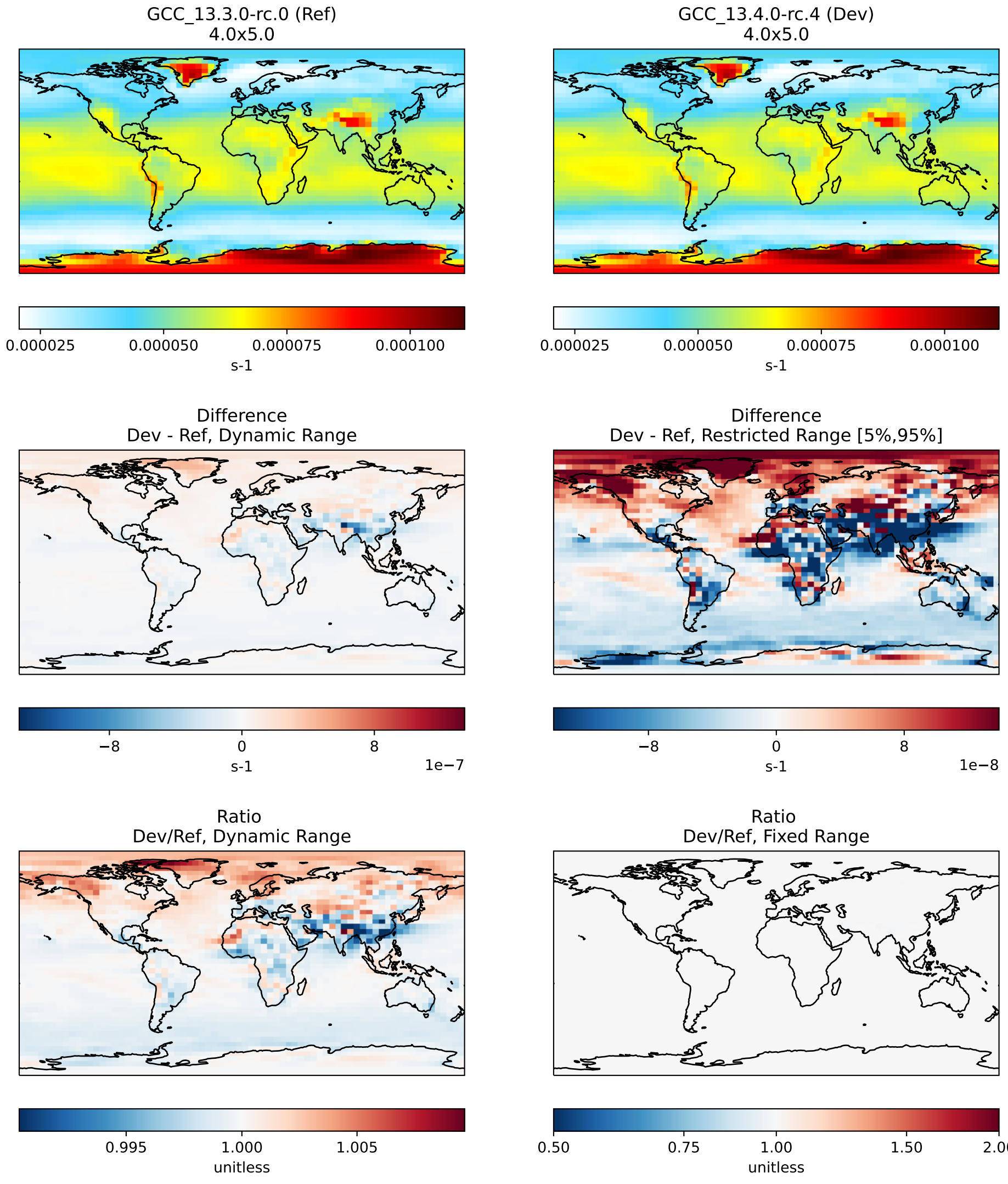
Jval_PROPNN (AnnualMean)



Jval_PRPN (AnnualMean)

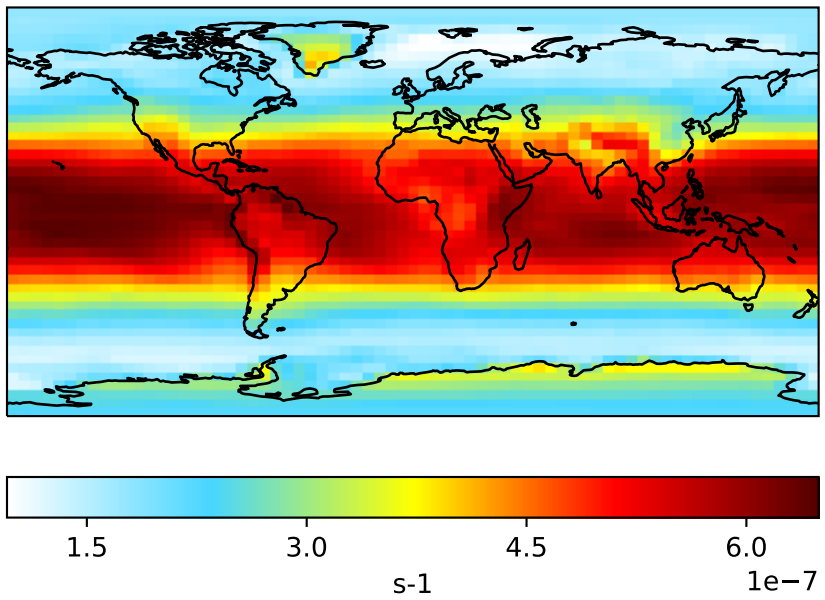


Jval_PYAC (AnnualMean)

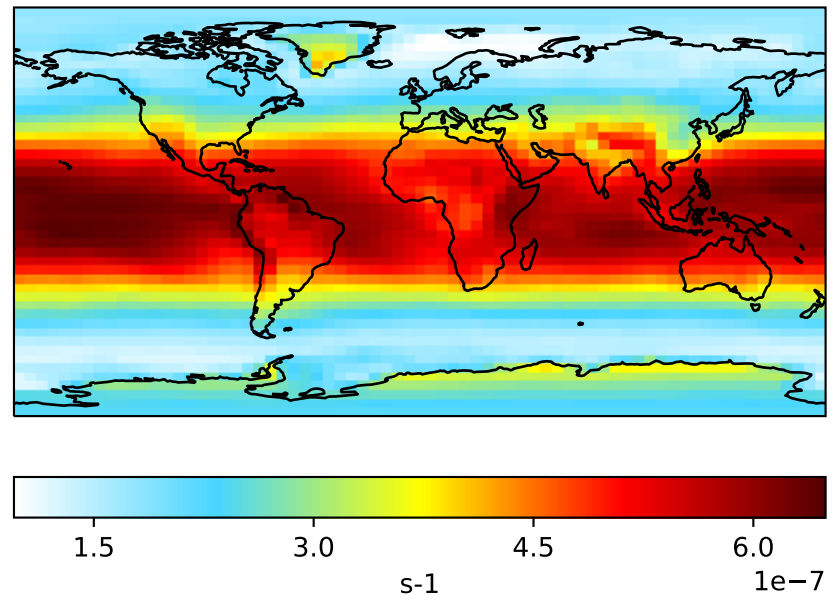


Jval_R4N2 (AnnualMean)

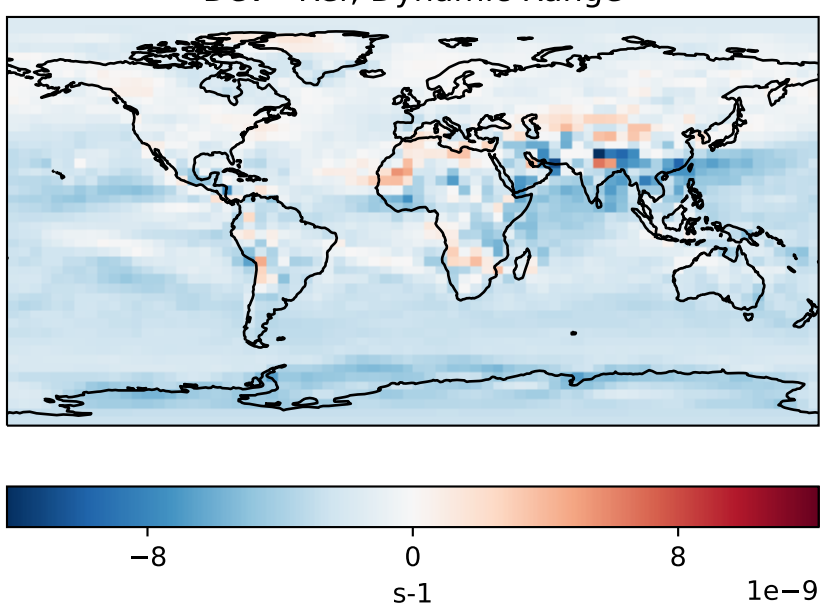
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



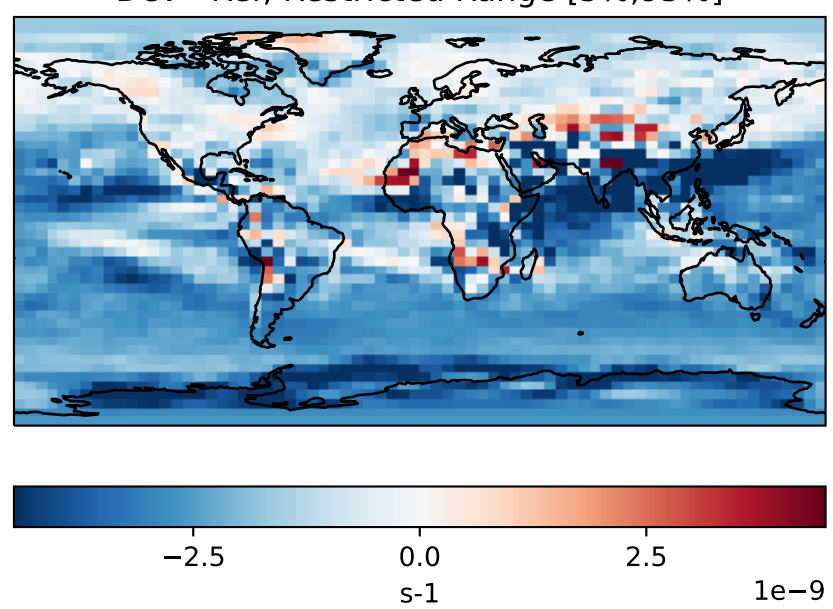
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



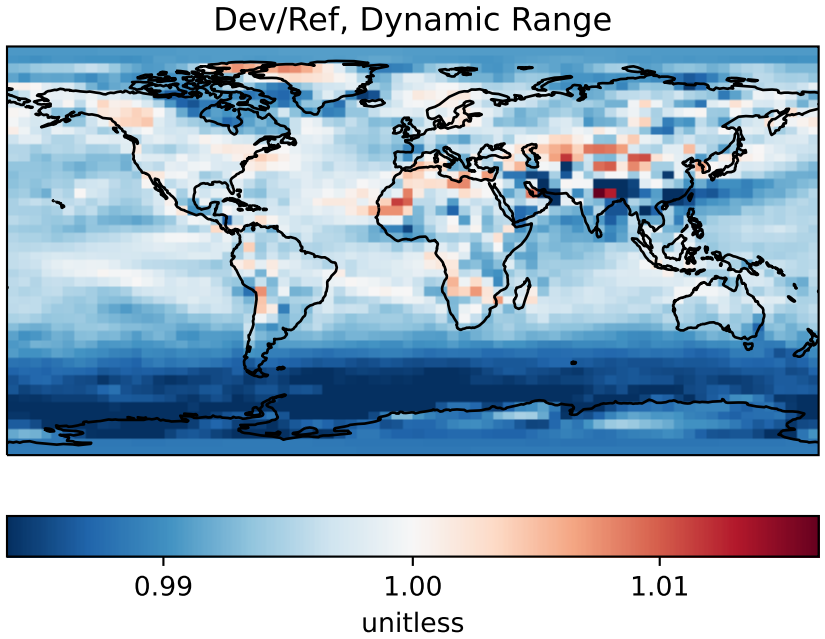
Difference
Dev - Ref, Dynamic Range



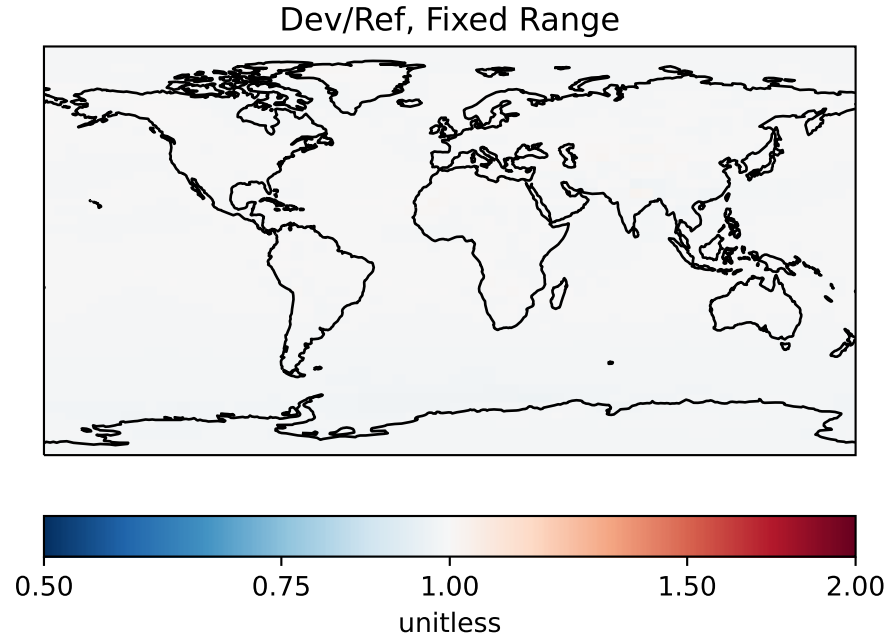
Difference
Dev - Ref, Restricted Range [5%,95%]



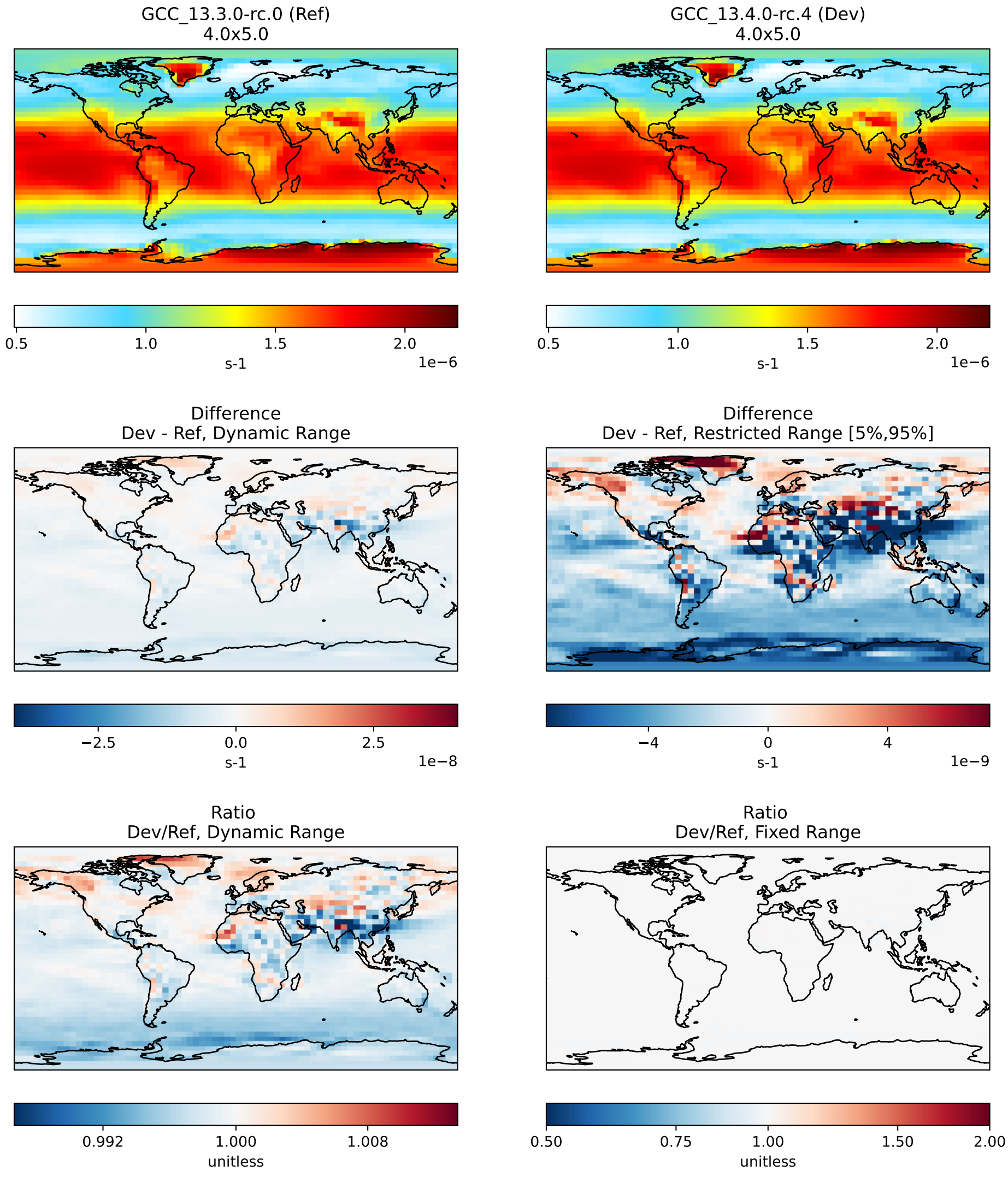
Ratio
Dev/Ref, Dynamic Range



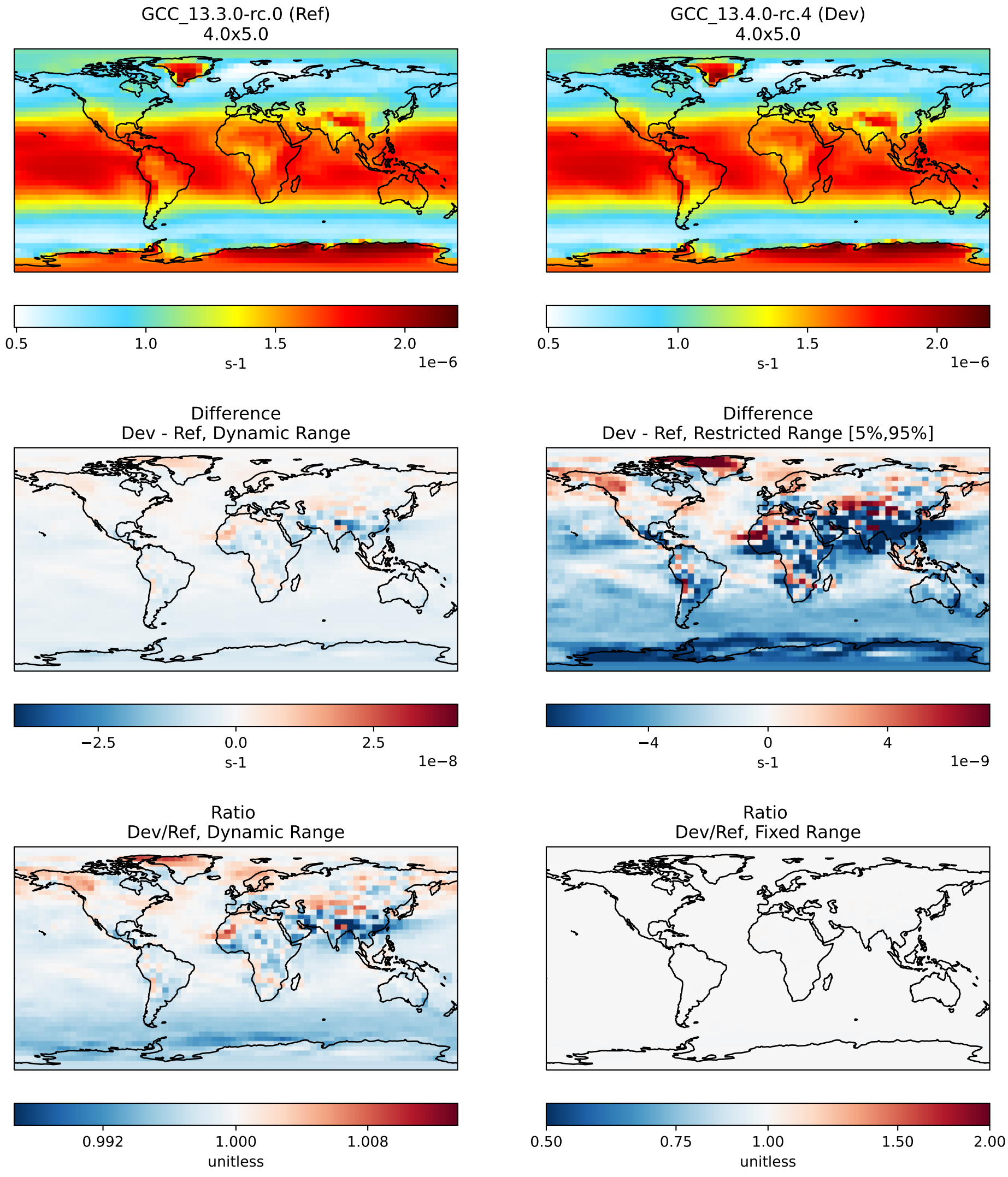
Ratio
Dev/Ref, Fixed Range



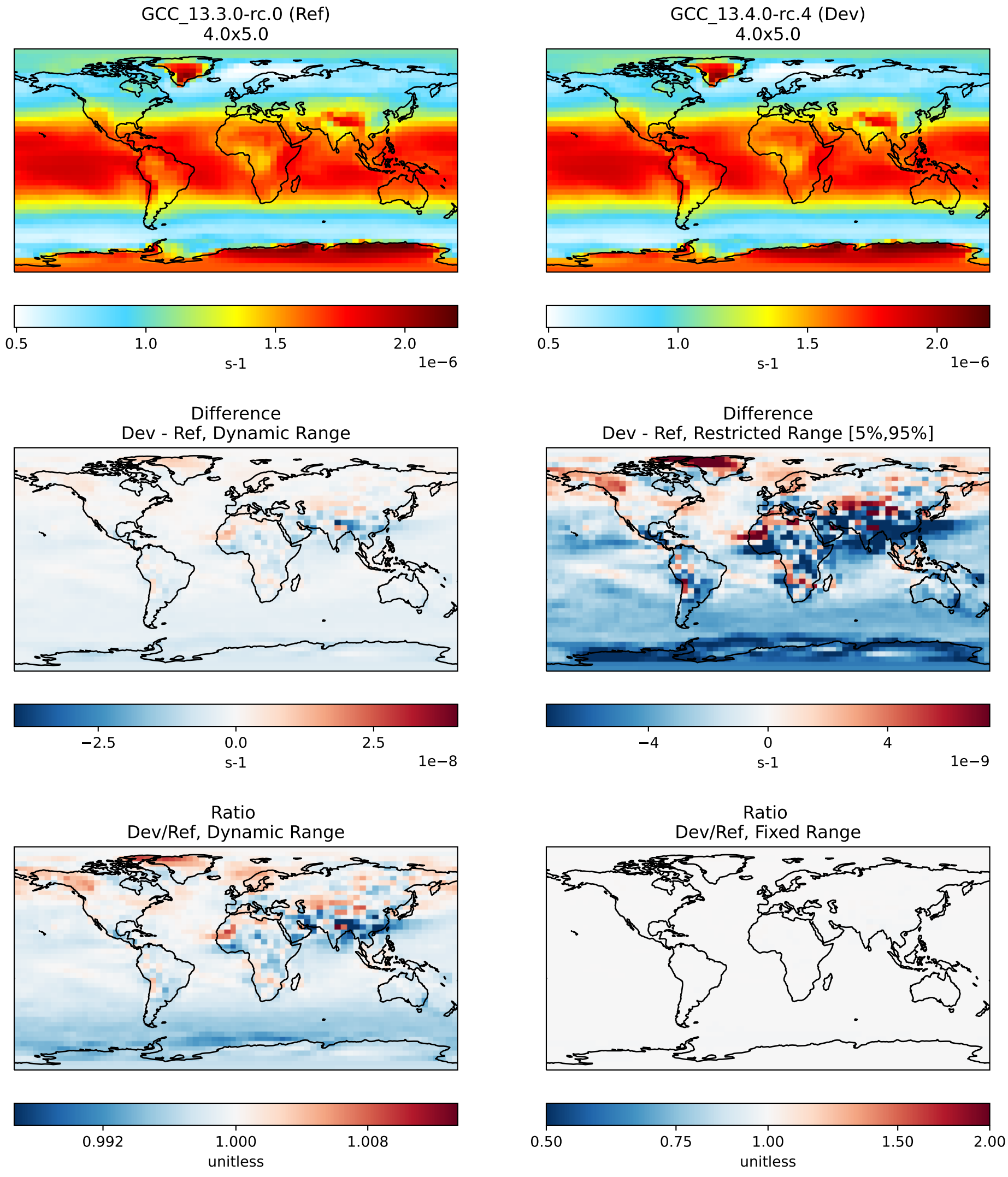
Jval_R4P (AnnualMean)



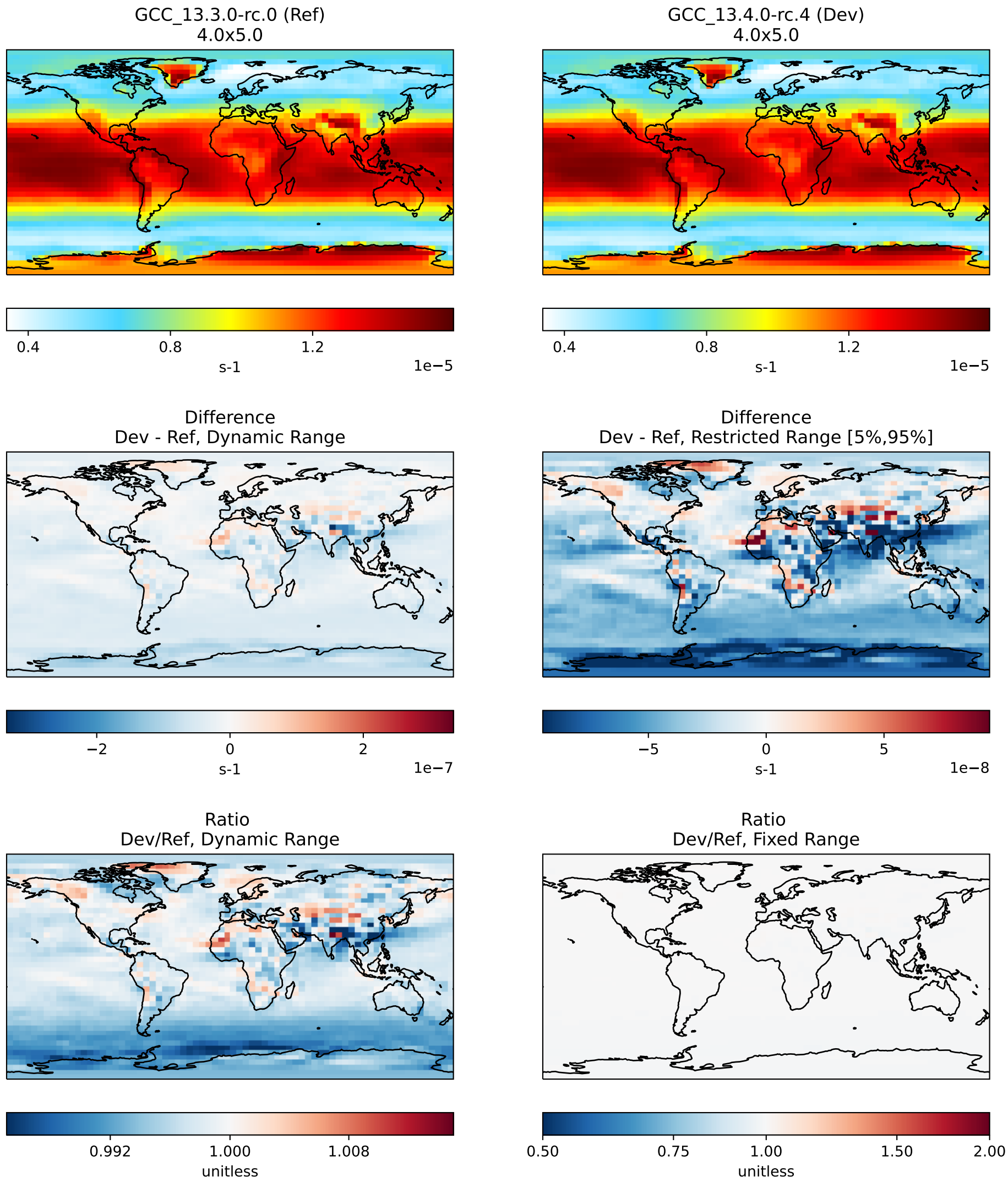
Jval_RA3P (AnnualMean)



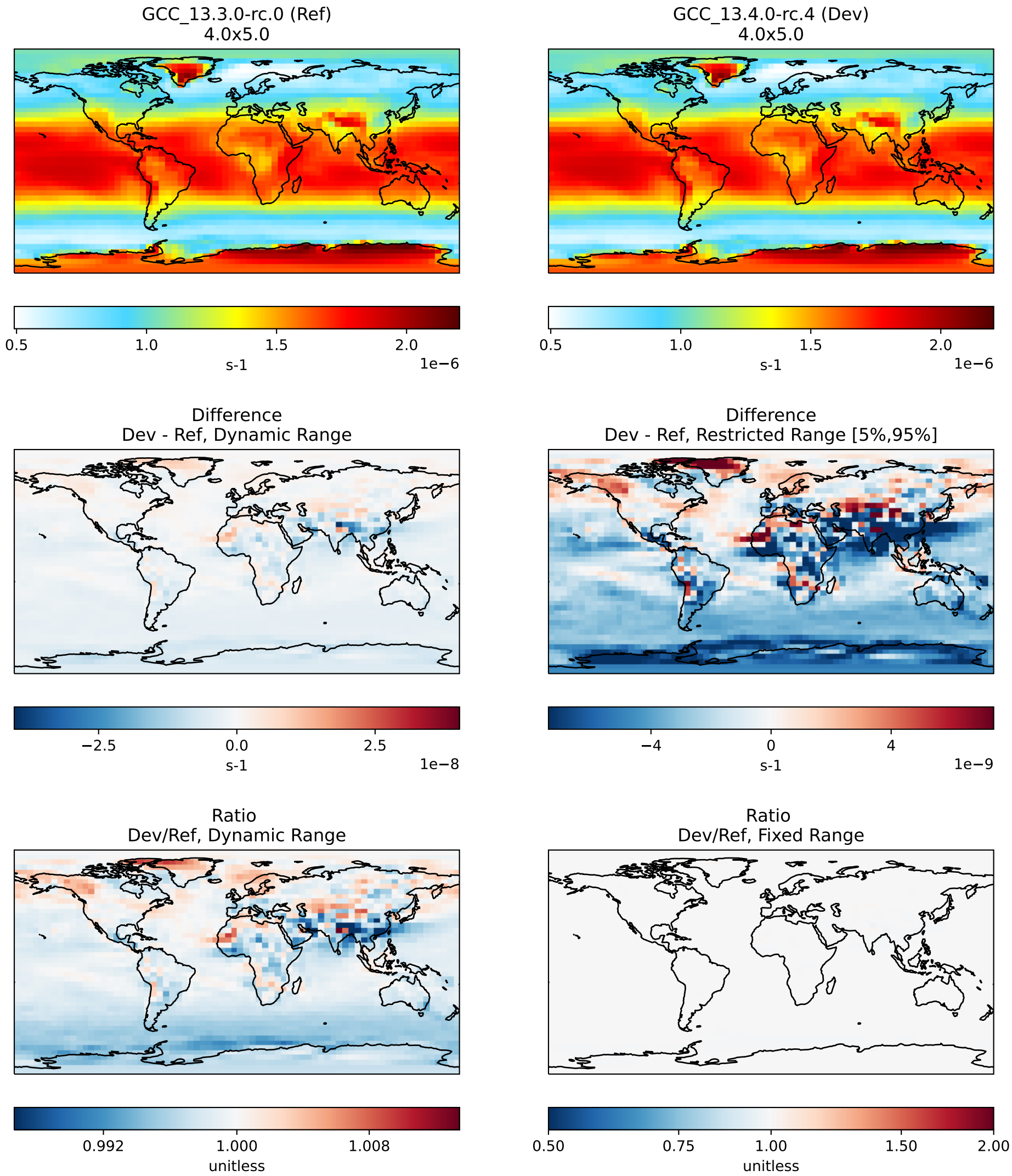
Jval_RB3P (AnnualMean)



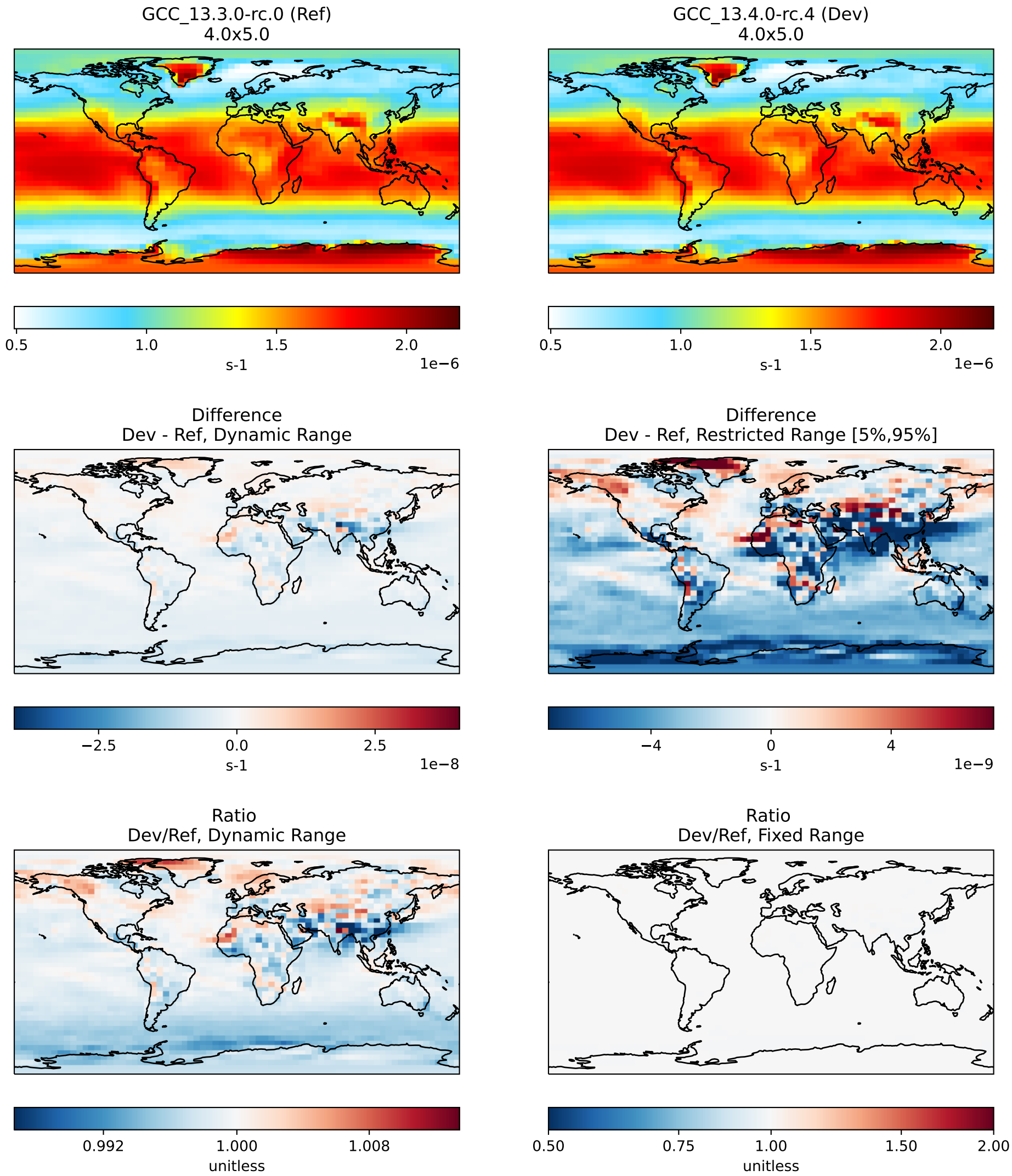
Jval_RCHO (AnnualMean)



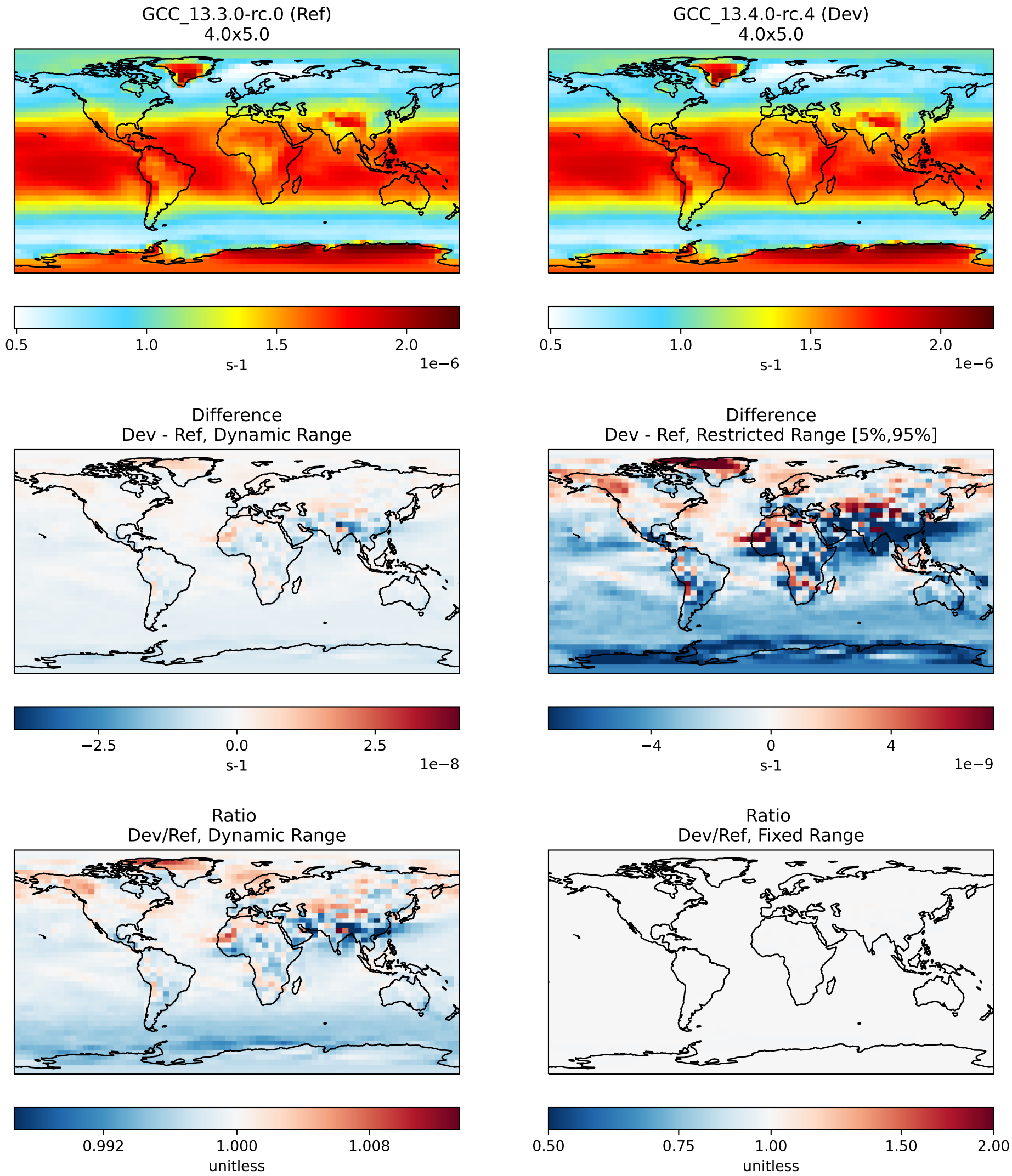
Jval_RIPA (AnnualMean)



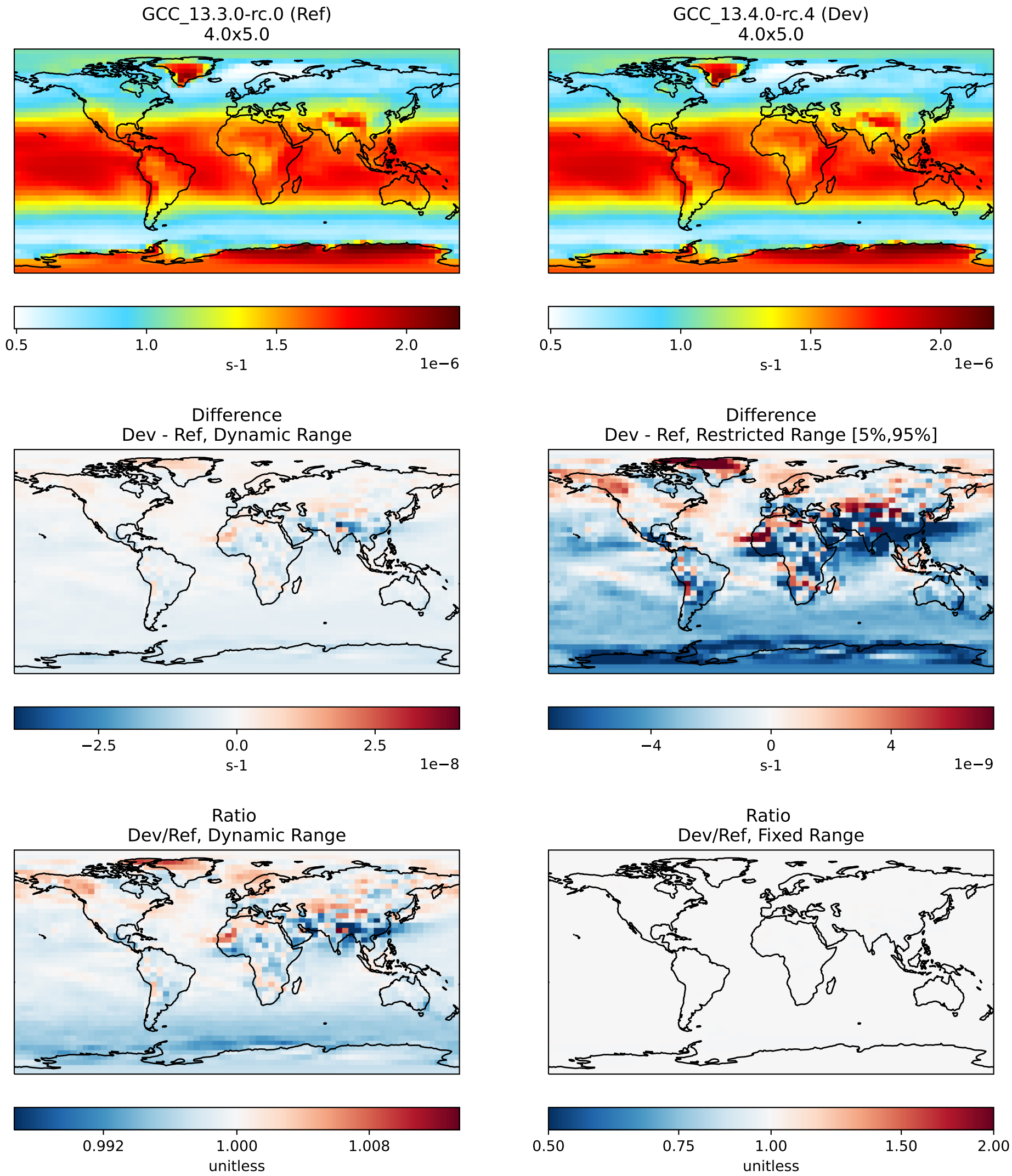
Jval_RIPB (AnnualMean)



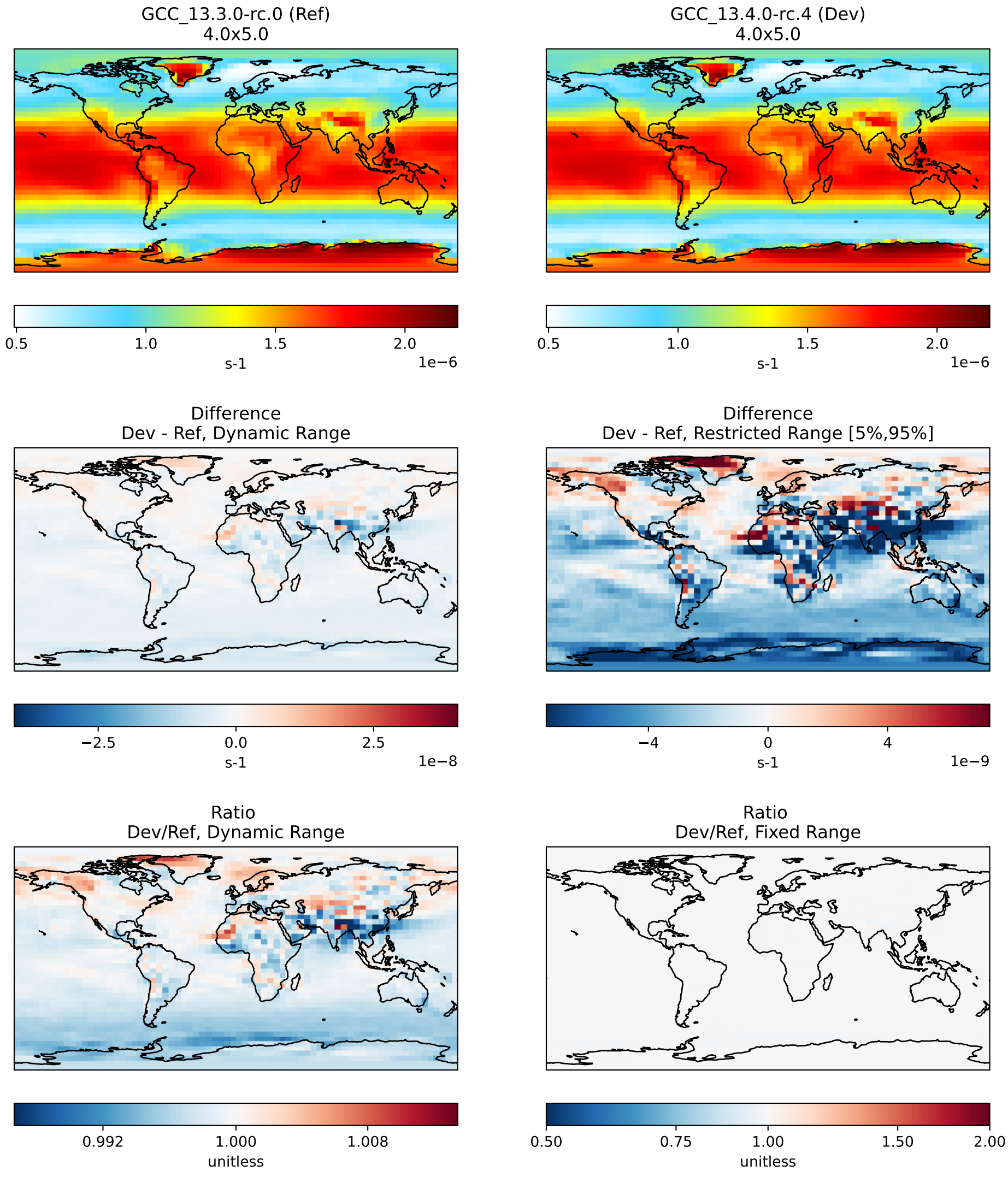
Jval_RIPC (AnnualMean)



Jval_RIPD (AnnualMean)

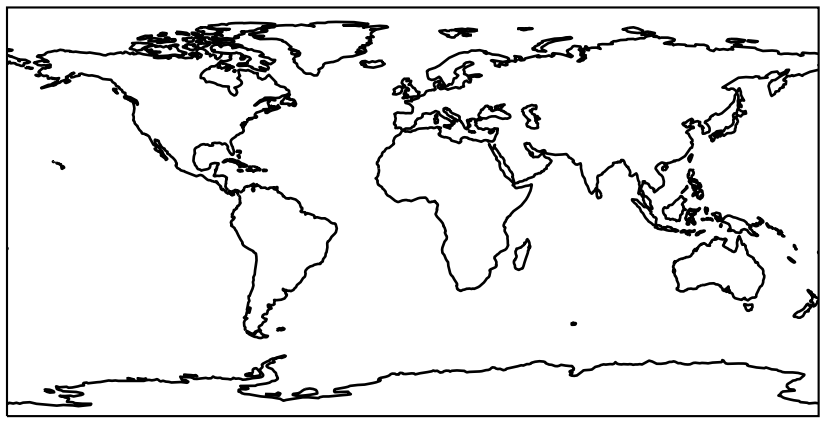


Jval_RP (AnnualMean)



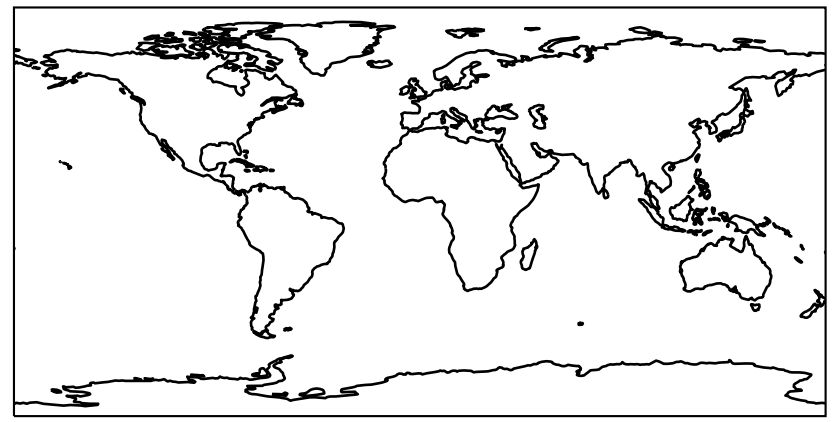
Jval_SO4 (AnnualMean)

GCC_13.3.0-rc.0 (Ref)
4.0x5.0



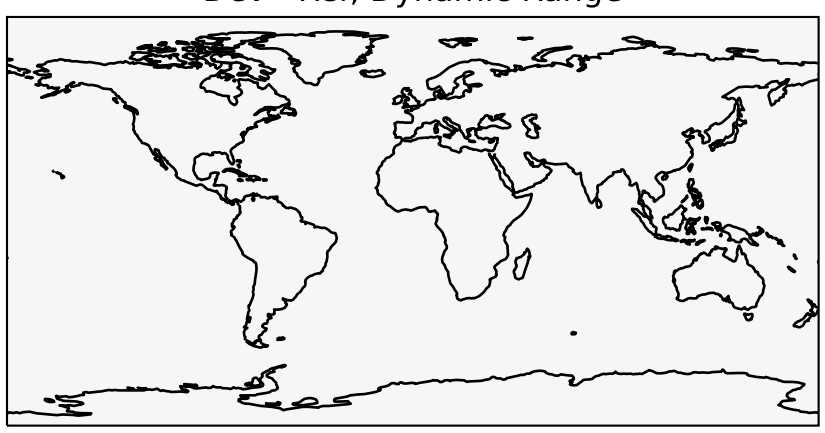
Zero throughout domain
s-1

GCC_13.4.0-rc.4 (Dev)
4.0x5.0



Zero throughout domain
s-1

Difference
Dev - Ref, Dynamic Range



Zero throughout domain
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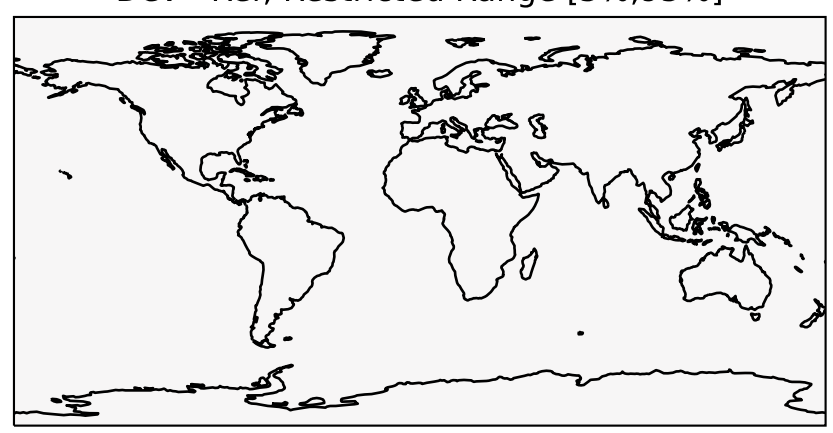
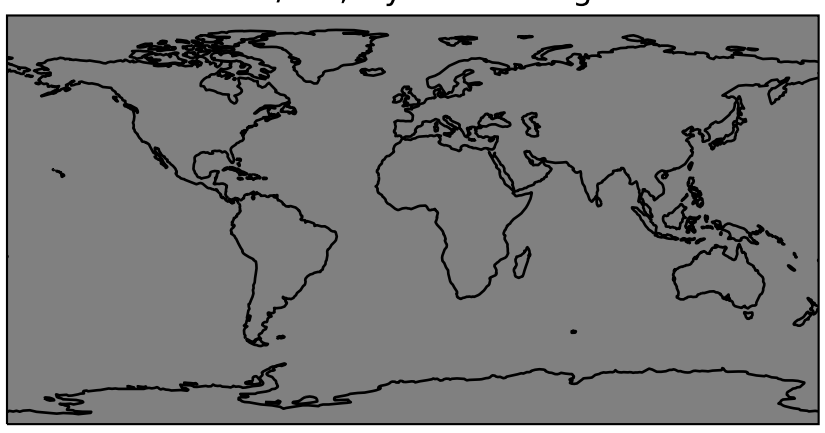
Difference
Dev - Ref, Restricted Range [5%,95%]



Zero throughout domain
s-1

Ratio
Dev/Ref, Dynamic Range



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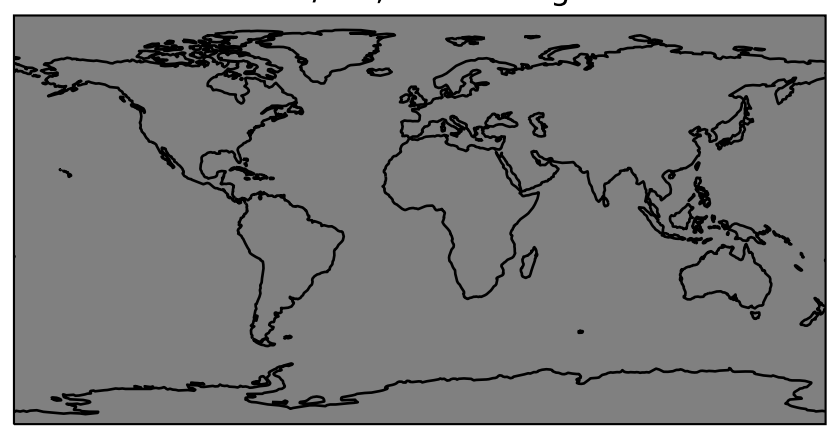
Ratio
Dev/Ref, Fixed Range



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