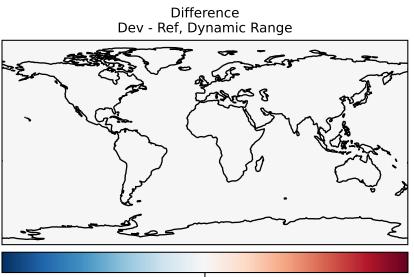
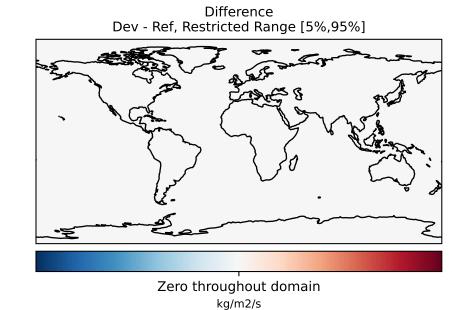
EmisACET_BioBurn (AnnualMean)

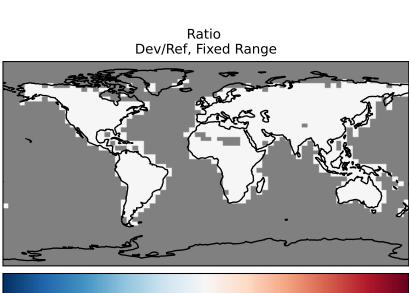
gcc-14.3.0-rc.0 (Ref) 4.0x5.0 1.5 0.5 0.0 1.0 1e-11 kg/m2/s

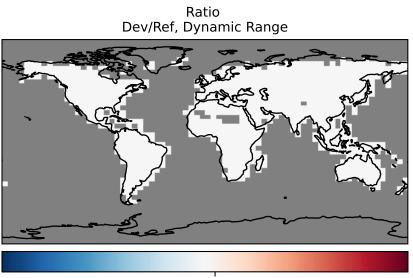
gcc-14.4.0-rc.0 (Dev) 4.0x5.0 1.5 0.5 1.0 0.0 kg/m2/s 1e-11





Zero throughout domain kg/m2/s





Ref and Dev equal throughout domain unitless

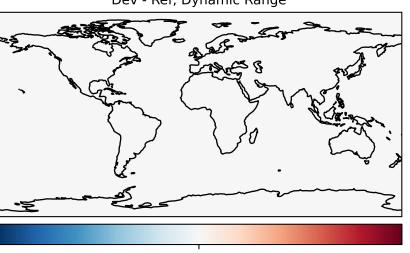
Ref and Dev equal throughout domain unitless

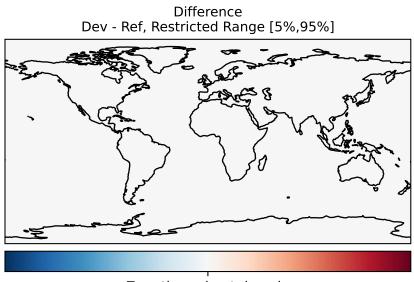
EmisACTA_BioBurn (AnnualMean)

gcc-14.3.0-rc.0 (Ref) 4.0x5.0 7.5 2.5 5.0 0.0 kg/m2/s 1e-11

gcc-14.4.0-rc.0 (Dev) 4.0x5.0 2.5 5.0 7.5 0.0 kg/m2/s 1e-11

Difference Dev - Ref, Dynamic Range

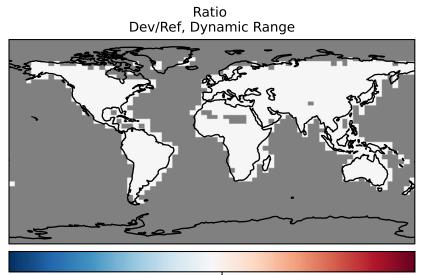




Zero throughout domain kg/m2/s

Zero throughout domain kg/m2/s

Ratio Dev/Ref, Fixed Range





Ref and Dev equal throughout domain unitless

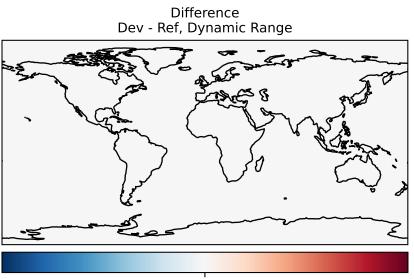
Ref and Dev equal throughout domain unitless

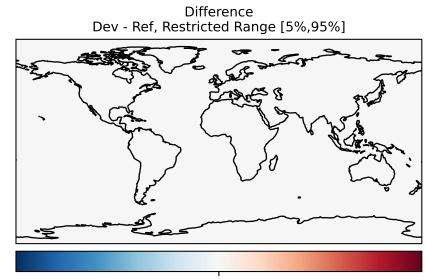
EmisALD2_BioBurn (AnnualMean)

gcc-14.3.0-rc.0 (Ref) 4.0x5.0

gcc-14.4.0-rc.0 (Dev) 4.0x5.0

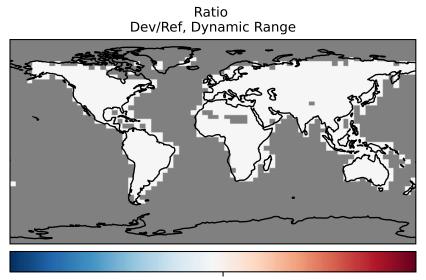
1
2
3
kg/m2/s
1e-11

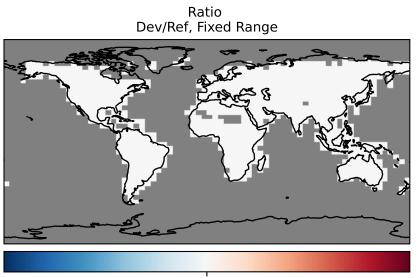




Zero throughout domain kg/m2/s

Zero throughout domain kg/m2/s

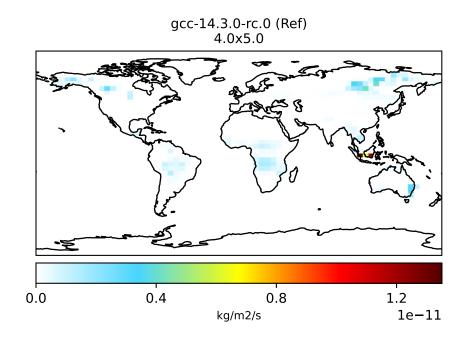


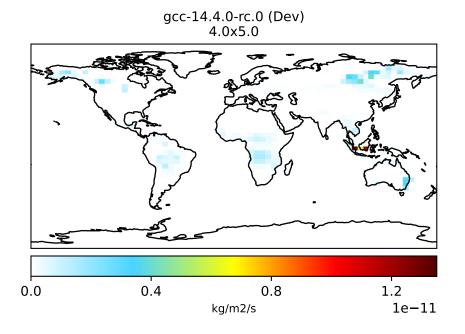


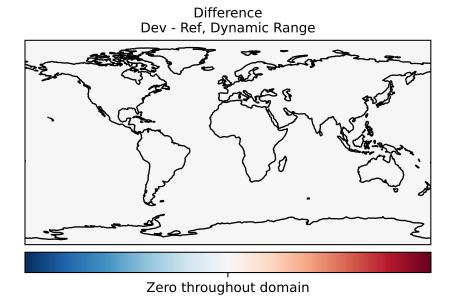
Ref and Dev equal throughout domain unitless

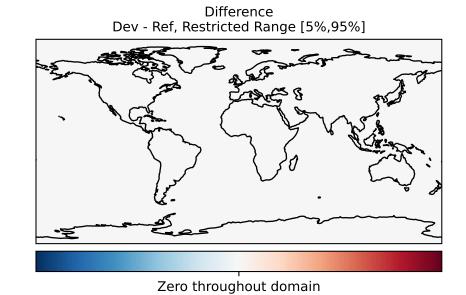
Ref and Dev equal throughout domain unitless

EmisALK4_BioBurn (AnnualMean)





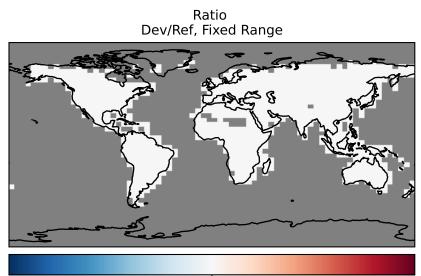


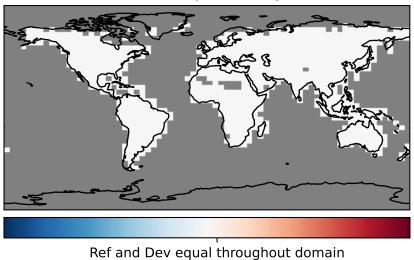


kg/m2/s

kg/m2/s

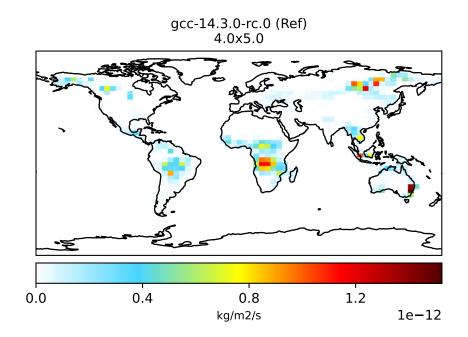
Ratio
Dev/Ref, Dynamic Range

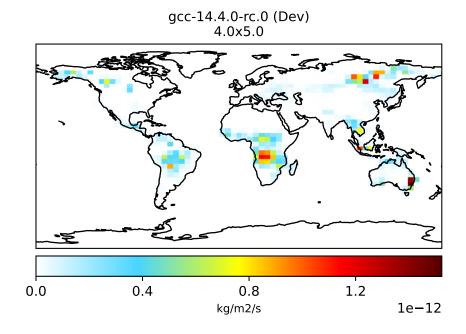


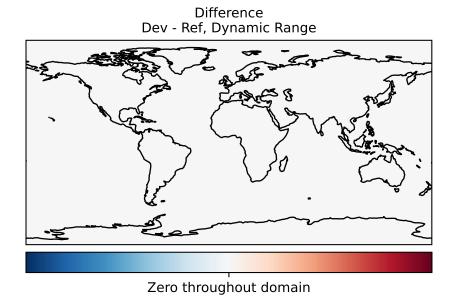


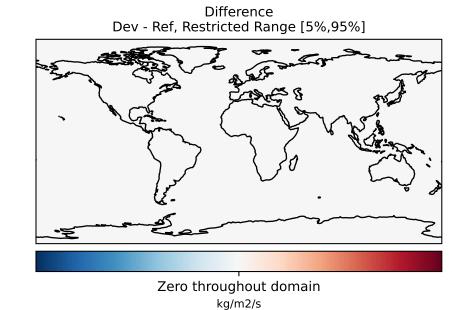
Ref and Dev equal throughout domain unitless

EmisBCPI_BioBurn (AnnualMean)

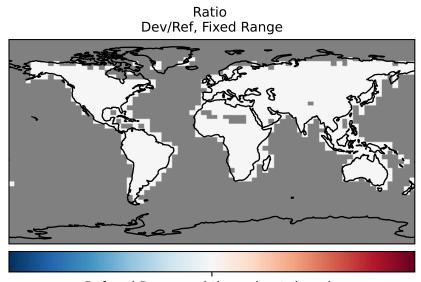








Ratio Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain unitless

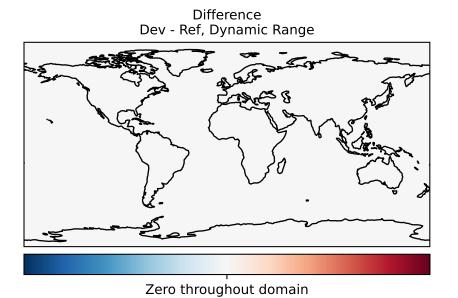
Ref and Dev equal throughout domain unitless

EmisBCPO_BioBurn (AnnualMean)

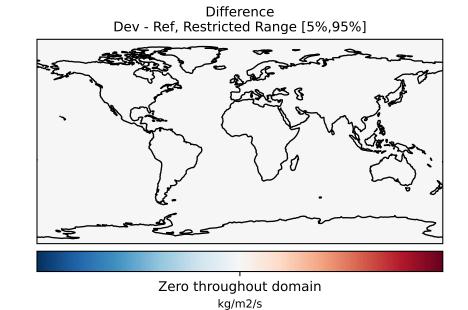
gcc-14.3.0-rc.0 (Ref) 4.0x5.0

gcc-14.4.0-rc.0 (Dev)
4.0x5.0

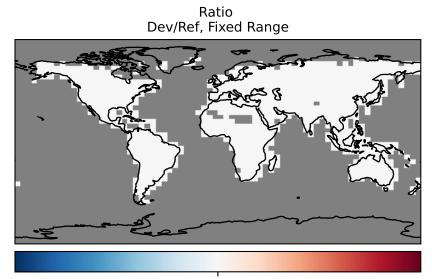
0
2
4
6
kg/m2/s
1e-12

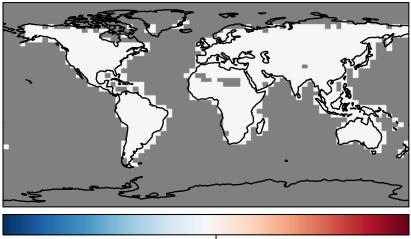


kg/m2/s



Ratio Dev/Ref, Dynamic Range

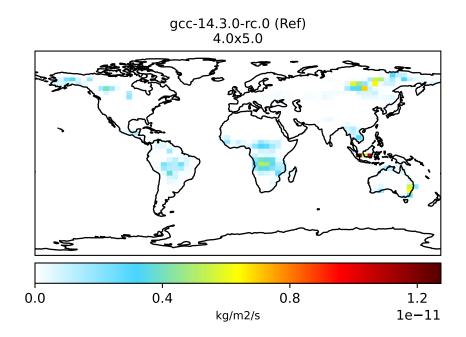




Ref and Dev equal throughout domain unitless

Ref and Dev equal throughout domain unitless

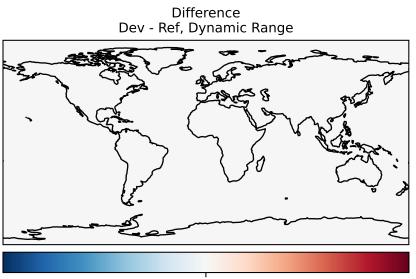
EmisBENZ_BioBurn (AnnualMean)

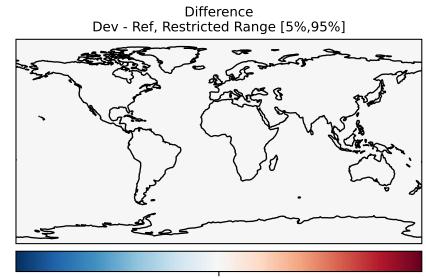


0.0 0.4 kg/m2/s (Dev)

4.0x5.0

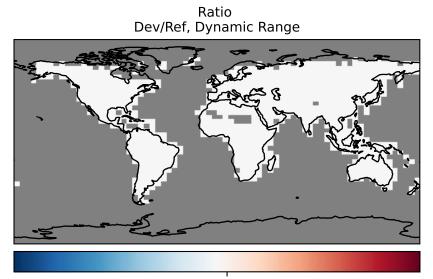
0.0 0.8 1.2

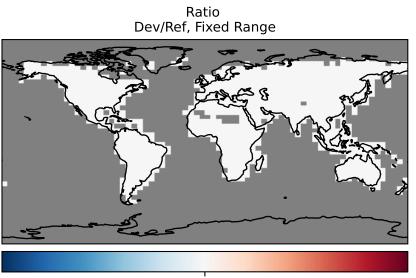




Zero throughout domain kg/m2/s

Zero throughout domain kg/m2/s

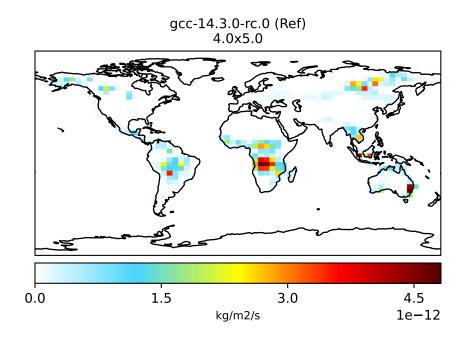


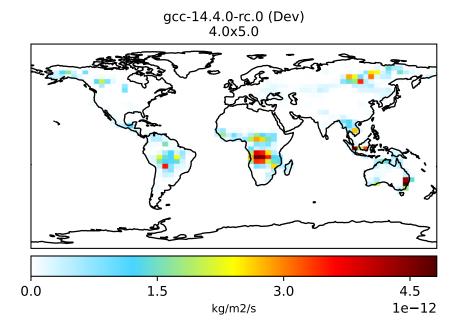


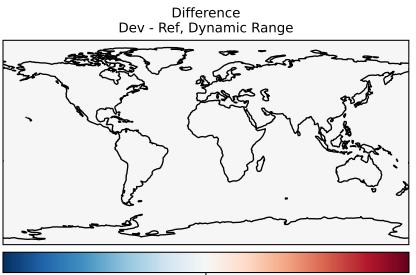
Ref and Dev equal throughout domain unitless

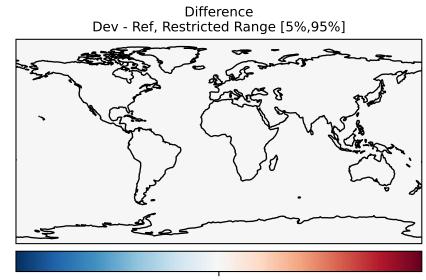
Ref and Dev equal throughout domain unitless

EmisC2H2_BioBurn (AnnualMean)



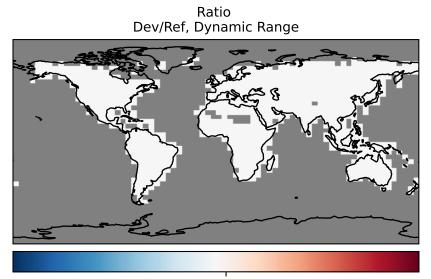


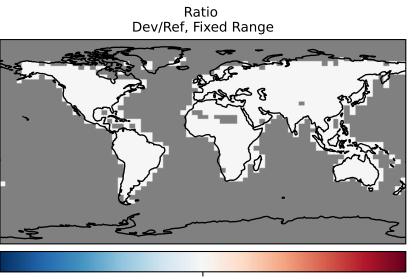




Zero throughout domain kg/m2/s

Zero throughout domain kg/m2/s





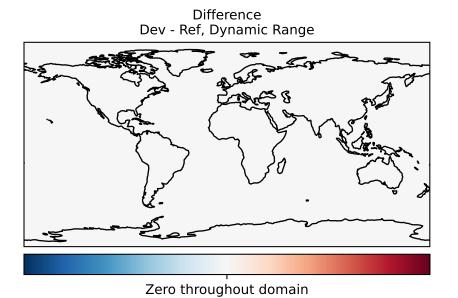
Ref and Dev equal throughout domain unitless

Ref and Dev equal throughout domain unitless

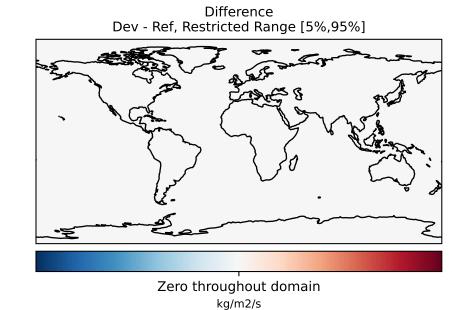
EmisC2H4_BioBurn (AnnualMean)

0.0 0.8 1.6 2.4 kg/m2/s 1.e-11

0.0 0.8 1.6 2.4 kg/m2/s 1.e-11

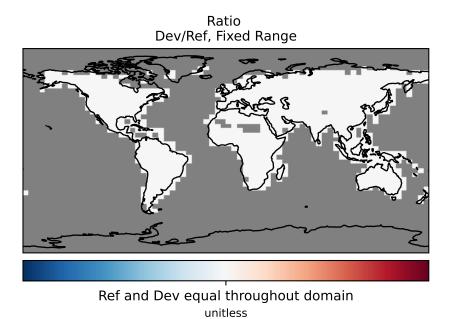


kg/m2/s

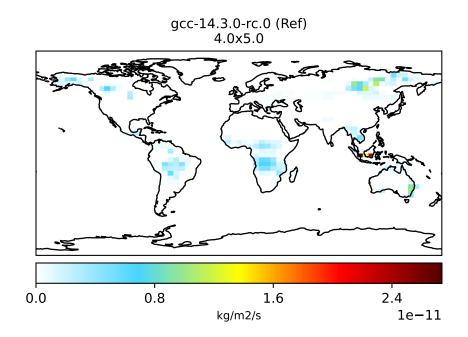


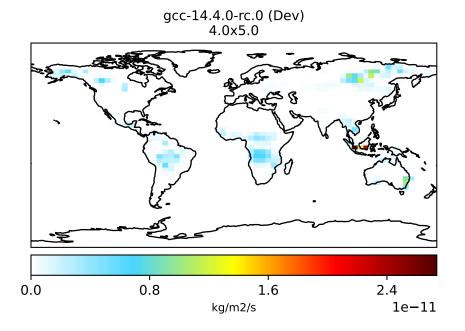
Ratio Dev/Ref, Dynamic Range

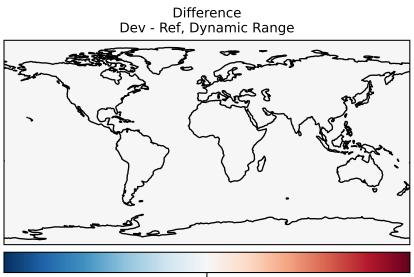
Ref and Dev equal throughout domain

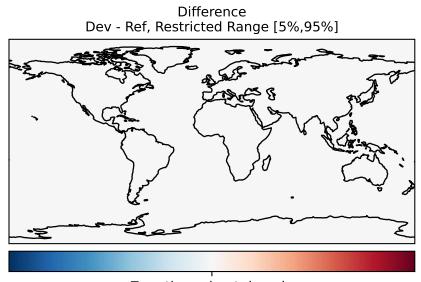


EmisC2H6_BioBurn (AnnualMean)



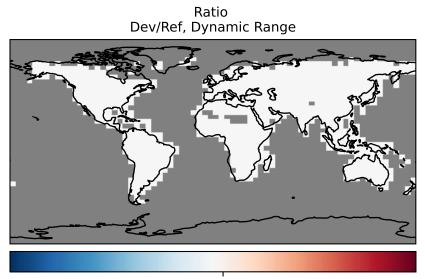






Zero throughout domain kg/m2/s

Zero throughout domain kg/m2/s



Ratio Dev/Ref, Fixed Range

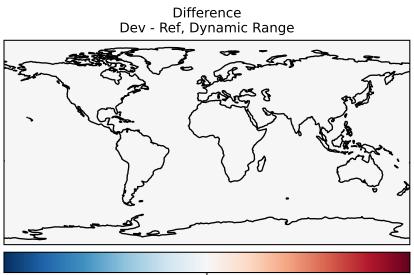
Ref and Dev equal throughout domain unitless

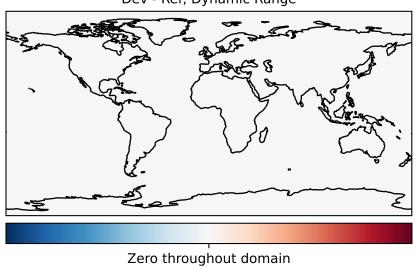
Ref and Dev equal throughout domain unitless

EmisC3H8_BioBurn (AnnualMean)

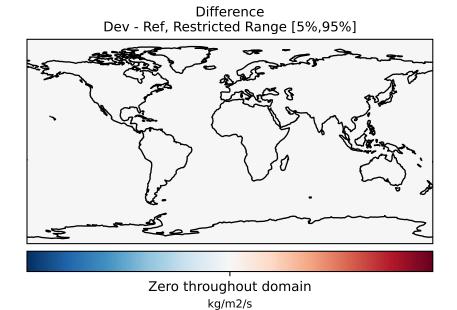
gcc-14.3.0-rc.0 (Ref) 4.0x5.0 1.2 0.4 0.0 8.0 kg/m2/s 1e-11

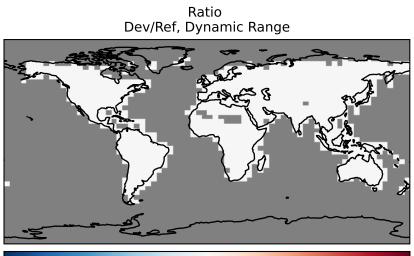
gcc-14.4.0-rc.0 (Dev) 4.0x5.0 1.2 0.4 8.0 0.0 kg/m2/s 1e-11

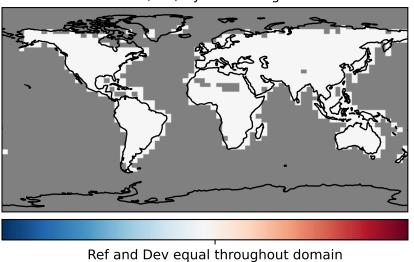




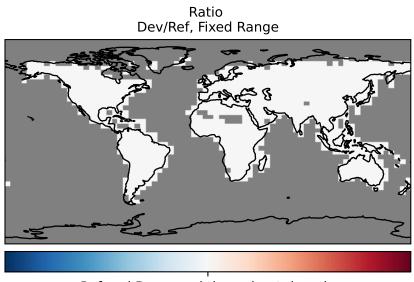
kg/m2/s







unitless



Ref and Dev equal throughout domain unitless

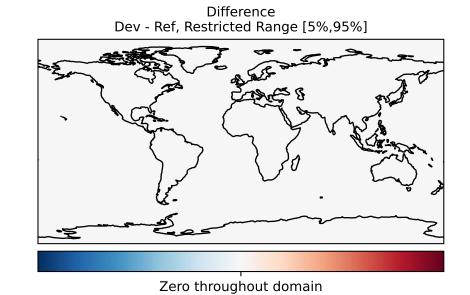
EmisCH2O_BioBurn (AnnualMean)

gcc-14.3.0-rc.0 (Ref) 4.0x5.0

gcc-14.4.0-rc.0 (Dev)
4.0x5.0

1 2 3
kg/m2/s 1e-11

Difference Dev - Ref, Dynamic Range

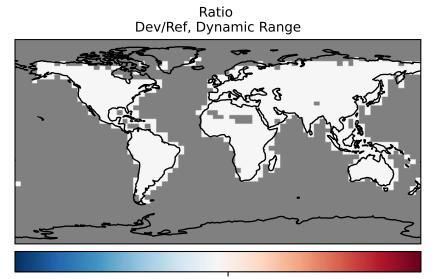


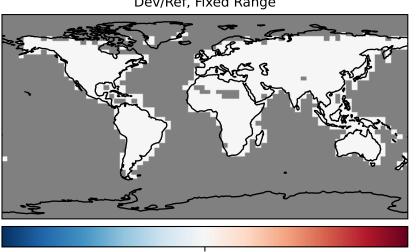
kg/m2/s

kg/m2/s

Zero throughout domain

Ratio Dev/Ref, Fixed Range





Ref and Dev equal throughout domain unitless

Ref and Dev equal throughout domain unitless

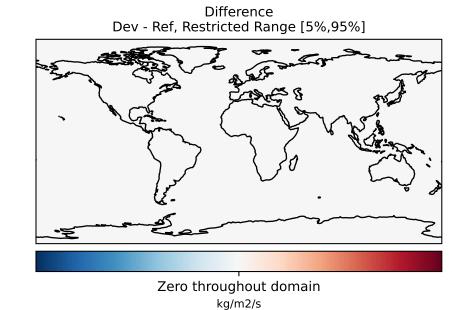
EmisCO_BioBurn (AnnualMean)

gcc-14.3.0-rc.0 (Ref) 4.0x5.0

gcc-14.4.0-rc.0 (Dev) 4.0x5.0

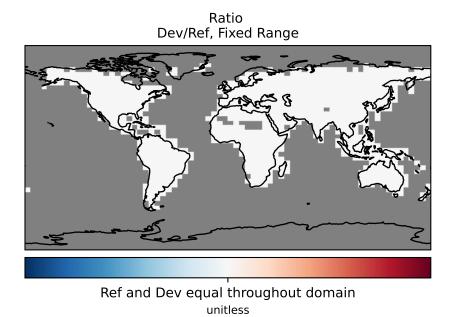
Difference Dev - Ref, Dynamic Range

Zero throughout domain kg/m2/s

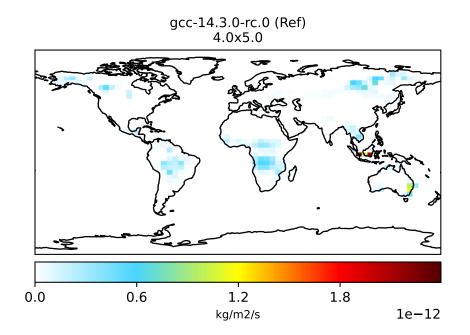


Ratio Dev/Ref, Dynamic Range

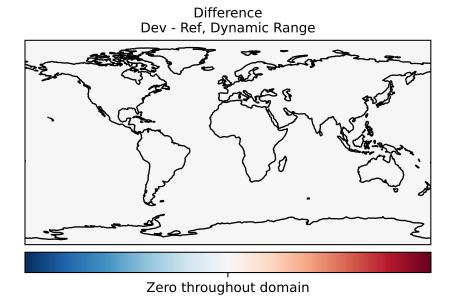
Ref and Dev equal throughout domain unitless



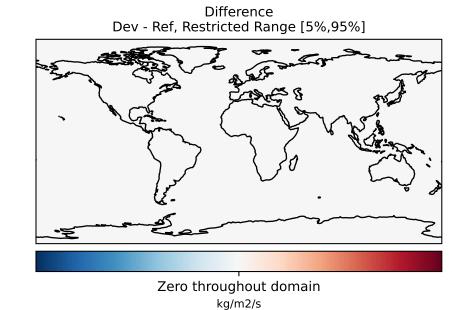
EmisEOH_BioBurn (AnnualMean)



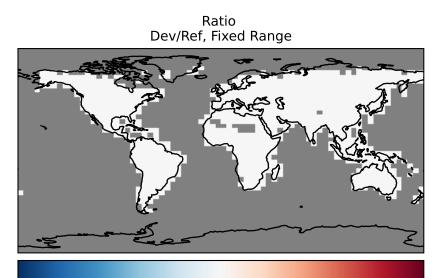
0.0 0.6 1.2 1.8 kg/m2/s 1e-12

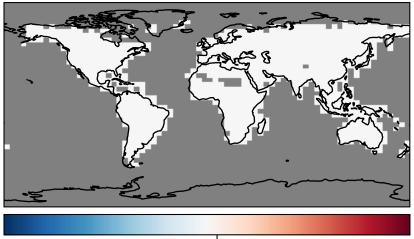


kg/m2/s



Ratio Dev/Ref, Dynamic Range

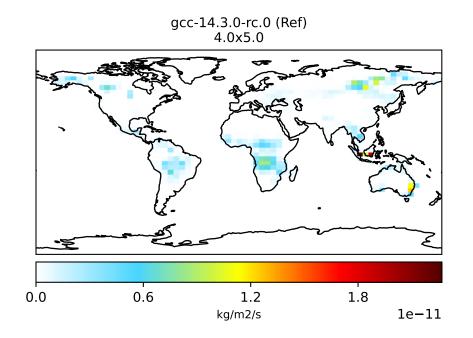


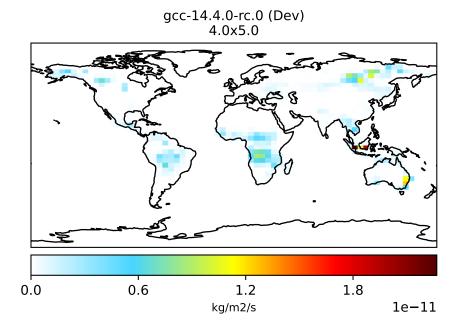


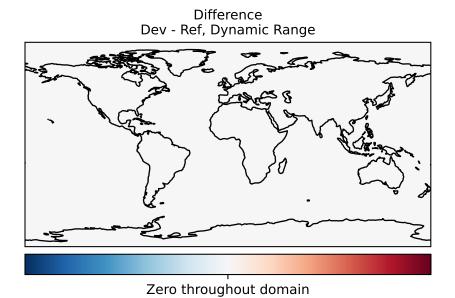
Ref and Dev equal throughout domain unitless

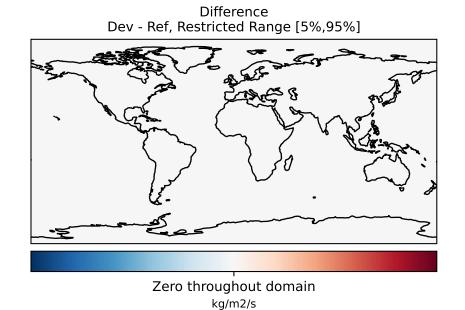
Ref and Dev equal throughout domain unitless

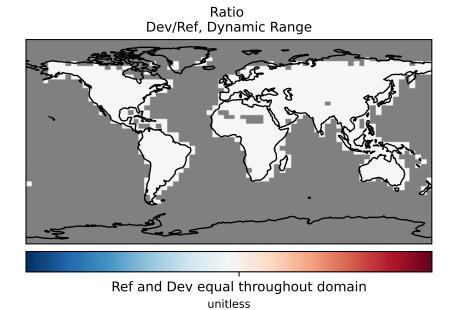
EmisFURA_BioBurn (AnnualMean)

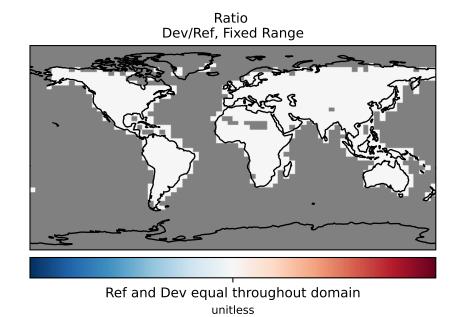








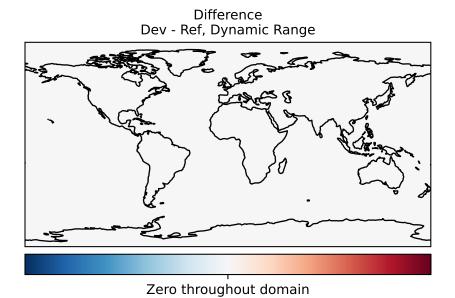




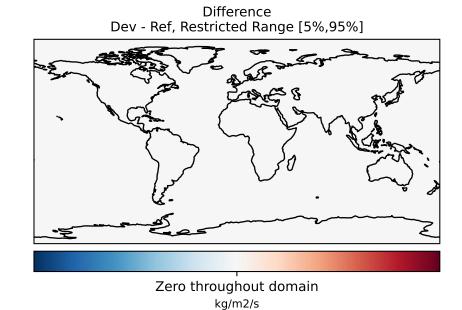
EmisGLYX_BioBurn (AnnualMean)

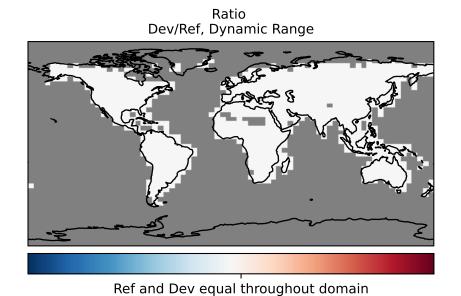
0.0 0.5 1.0 1.5 kg/m2/s 1e-11

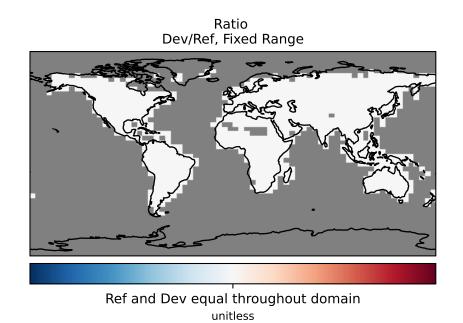
0.0 0.5 1.0 1.5 kg/m2/s 1e-11



kg/m2/s







EmisISOP_BioBurn (AnnualMean)

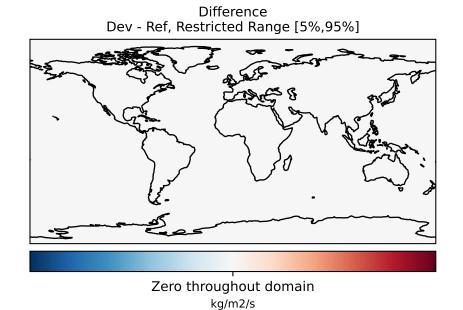
gcc-14.3.0-rc.0 (Ref) 4.0x5.0

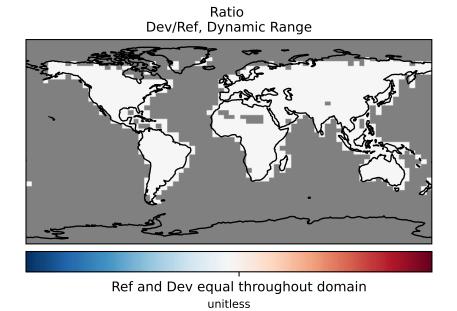
gcc-14.4.0-rc.0 (Dev)
4.0x5.0

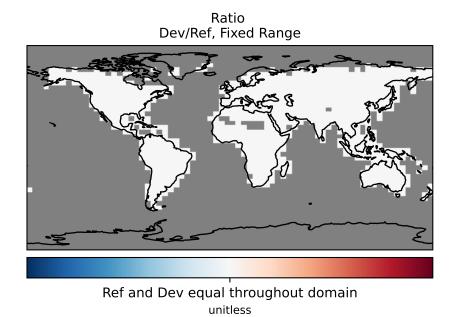
0 2 4 6
kg/m2/s 1e-12

Difference
Dev - Ref, Dynamic Range

Zero throughout domain



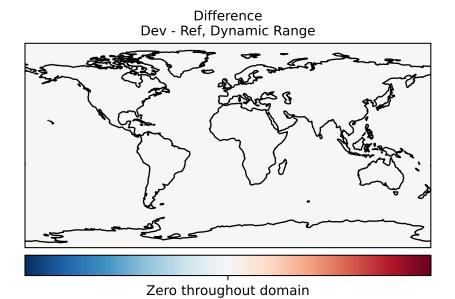


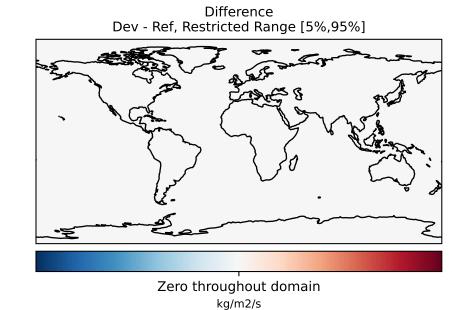


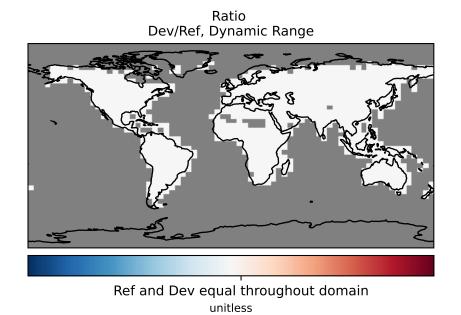
EmisMEK_BioBurn (AnnualMean)

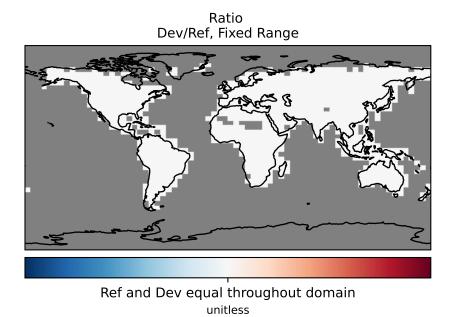
gcc-14.3.0-rc.0 (Ref) 4.0x5.0

gcc-14.4.0-rc.0 (Dev) 4.0x5.0





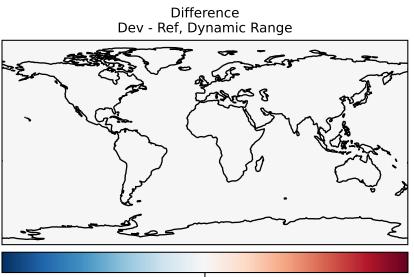


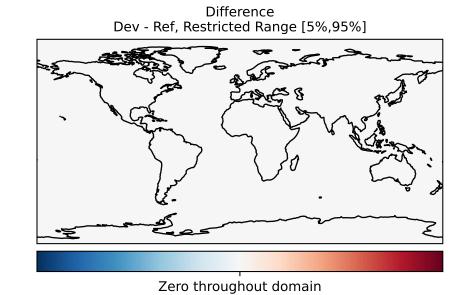


EmisMGLY_BioBurn (AnnualMean)

gcc-14.3.0-rc.0 (Ref) 4.0x5.0

gcc-14.4.0-rc.0 (Dev) 4.0x5.0

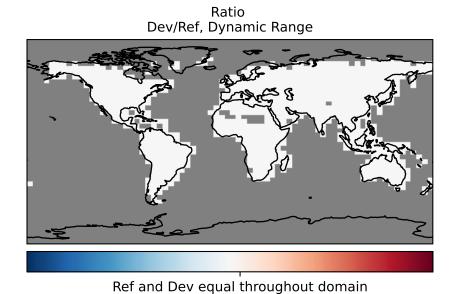


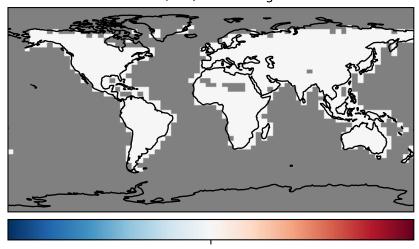


kg/m2/s

Zero throughout domain kg/m2/s

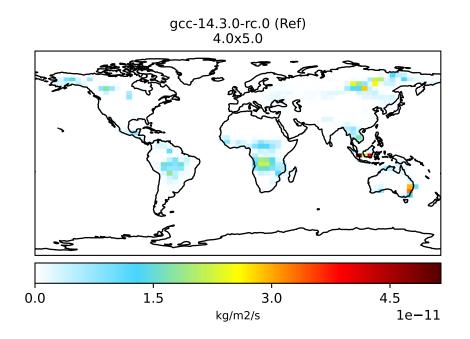




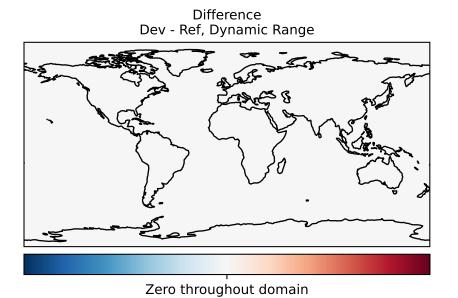


Ref and Dev equal throughout domain unitless

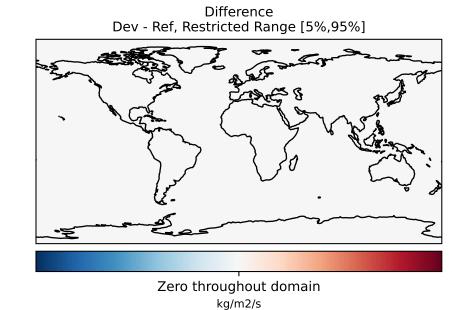
EmisMOH_BioBurn (AnnualMean)



0.0 1.5 3.0 4.5 kg/m2/s 1e-11

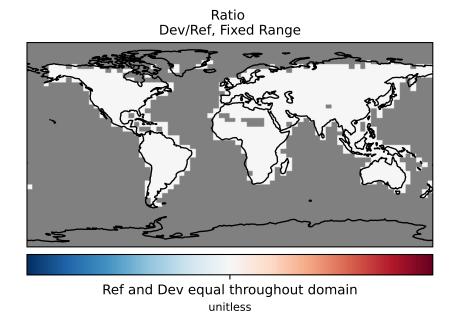


kg/m2/s

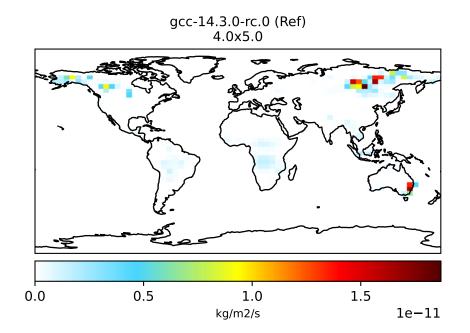


Ratio Dev/Ref, Dynamic Range

Ref and Dev equal throughout domain



EmisMTPA_BioBurn (AnnualMean)

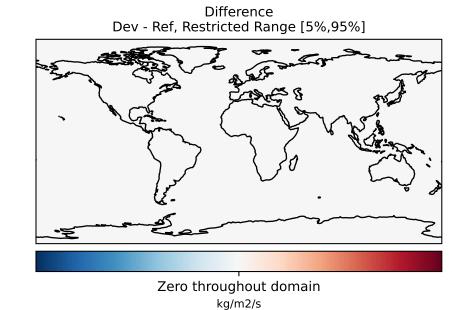


gcc-14.4.0-rc.0 (Dev) 4.0x5.0 1.5 0.5 1.0 0.0 kg/m2/s 1e-11

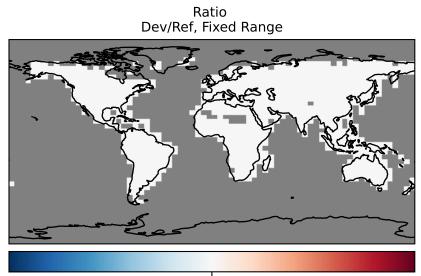
Difference Dev - Ref, Dynamic Range

Zero throughout domain

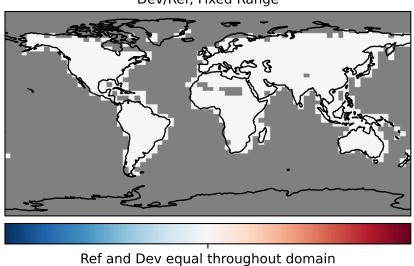
kg/m2/s



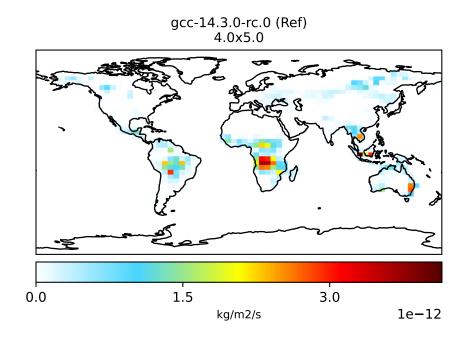
Ratio Dev/Ref, Dynamic Range

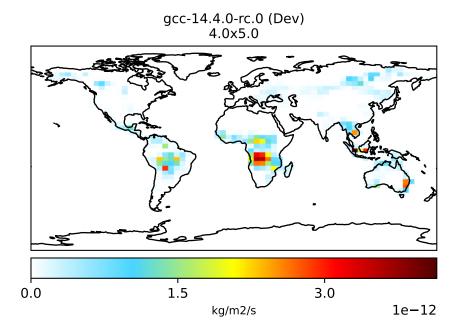


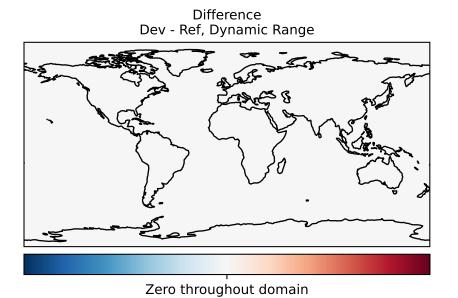
Ref and Dev equal throughout domain unitless



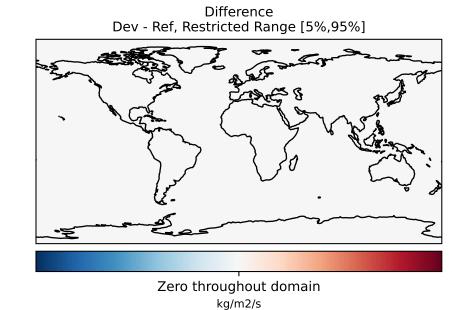
EmisMVK_BioBurn (AnnualMean)



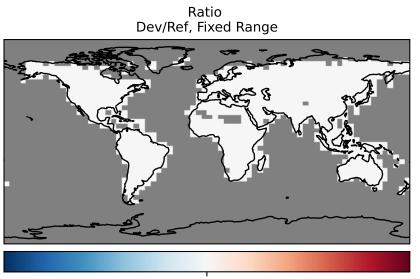




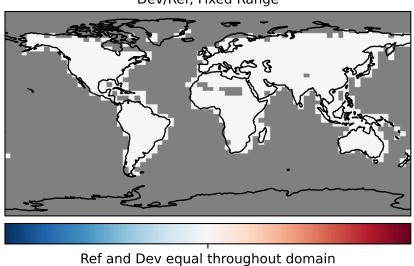
kg/m2/s



Ratio Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain unitless

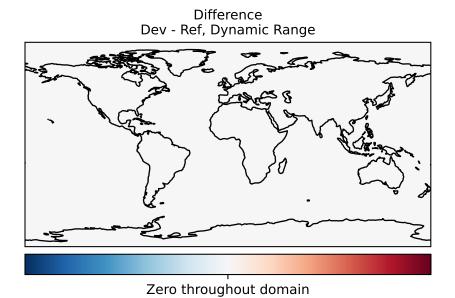


EmisNH3_BioBurn (AnnualMean)

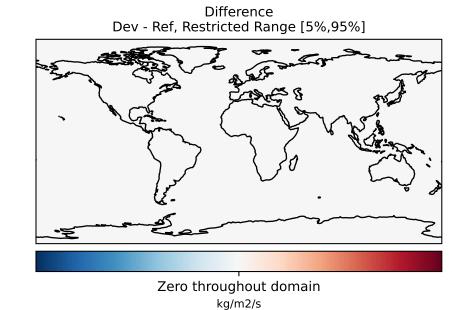
gcc-14.3.0-rc.0 (Ref) 4.0x5.0

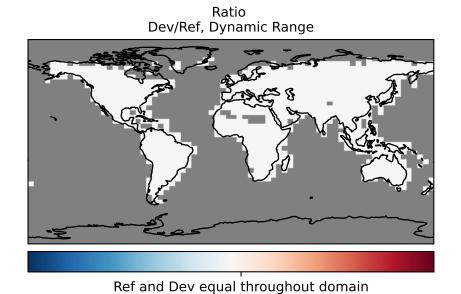
gcc-14.4.0-rc.0 (Dev) 4.0x5.0

1
2
3
kg/m2/s
1e-11

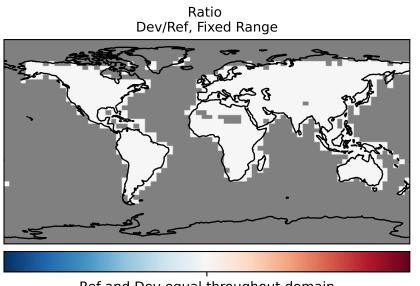


kg/m2/s



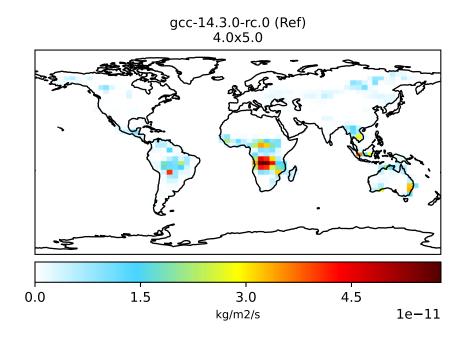


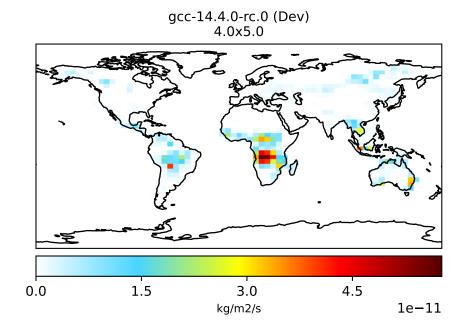
unitless

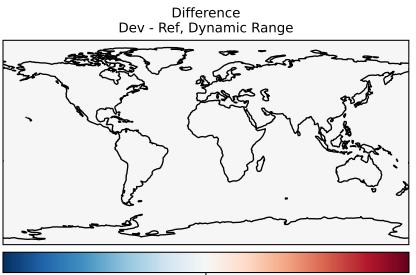


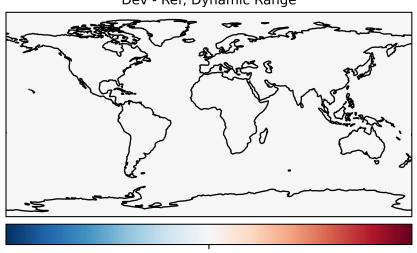
Ref and Dev equal throughout domain unitless

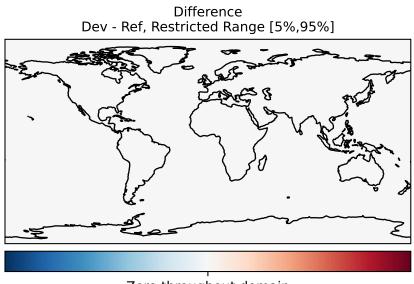
EmisNO_BioBurn (AnnualMean)





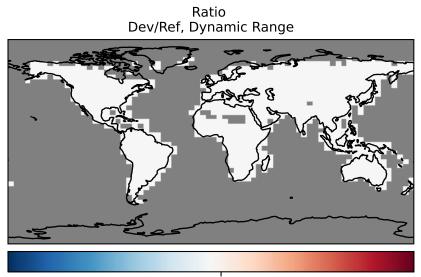


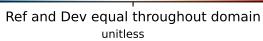


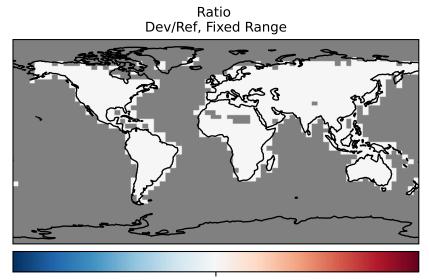


Zero throughout domain kg/m2/s

Zero throughout domain kg/m2/s





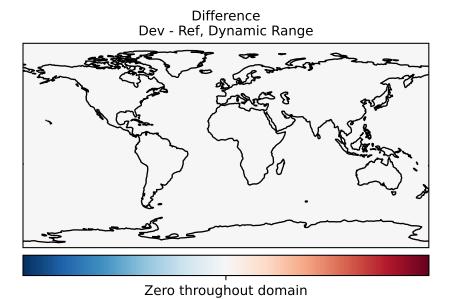


Ref and Dev equal throughout domain unitless

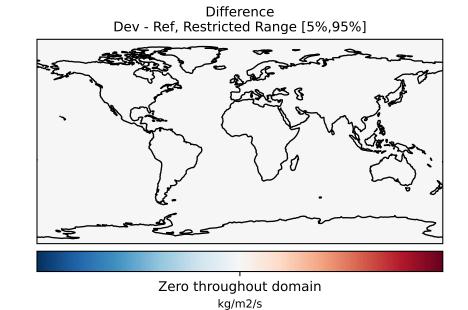
EmisOCPI_BioBurn (AnnualMean)

gcc-14.3.0-rc.0 (Ref) 4.0x5.0 2 kg/m2/s 1e-11

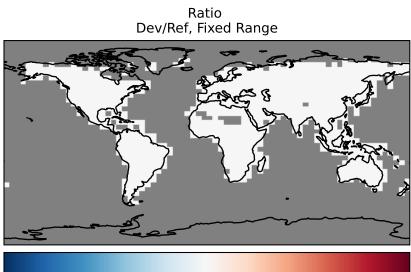
gcc-14.4.0-rc.0 (Dev) 4.0x5.0 2 kg/m2/s 1e-11



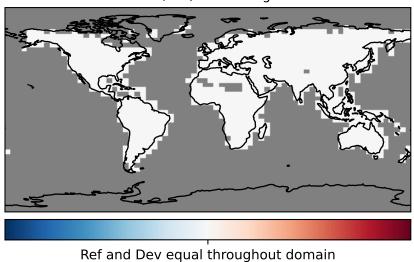
kg/m2/s



Ratio Dev/Ref, Dynamic Range



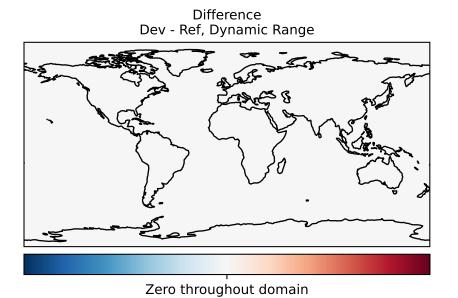
Ref and Dev equal throughout domain unitless



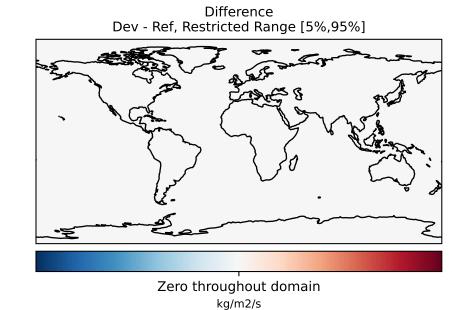
EmisOCPO_BioBurn (AnnualMean)

gcc-14.3.0-rc.0 (Ref) 4.0x5.0

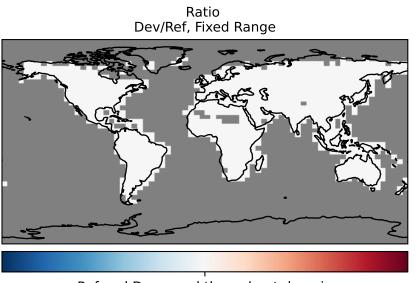
gcc-14.4.0-rc.0 (Dev) 4.0x5.0



kg/m2/s



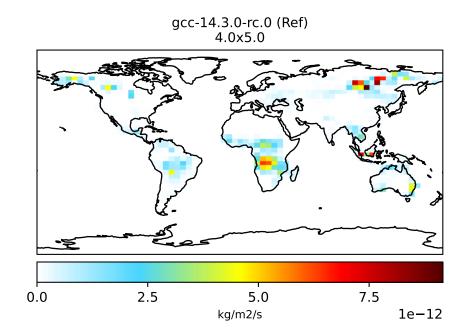
Ratio Dev/Ref, Dynamic Range

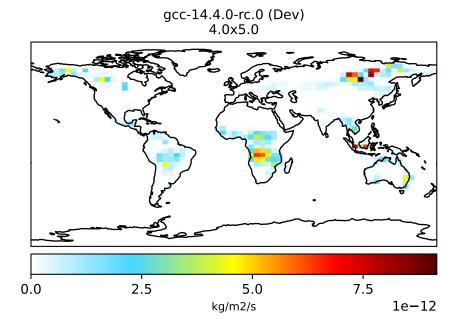


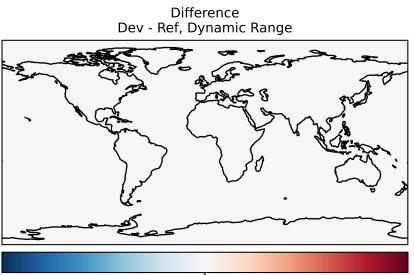
Ref and Dev equal throughout domain unitless

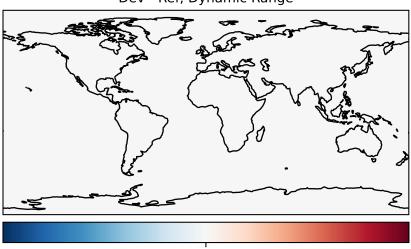
Ref and Dev equal throughout domain unitless

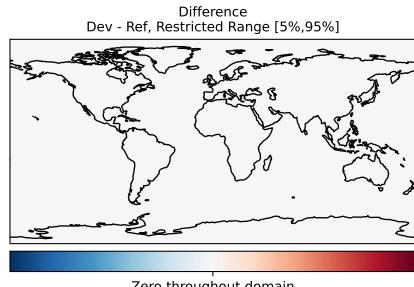
EmisPHEN_BioBurn (AnnualMean)





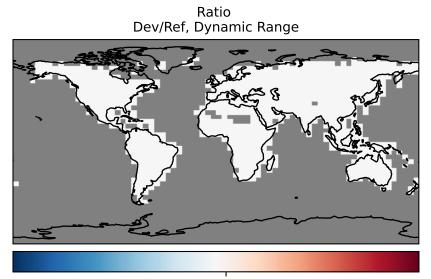


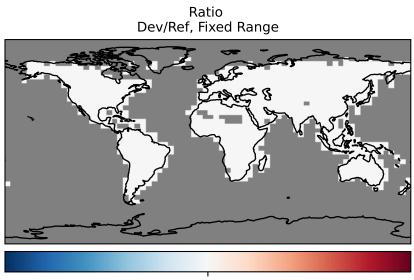




Zero throughout domain kg/m2/s

Zero throughout domain kg/m2/s





Ref and Dev equal throughout domain unitless

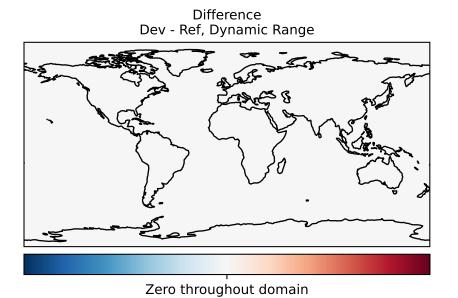
Ref and Dev equal throughout domain unitless

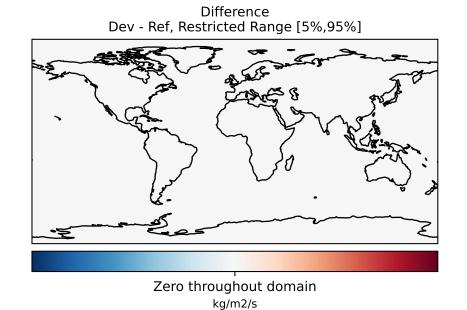
EmisPRPE_BioBurn (AnnualMean)

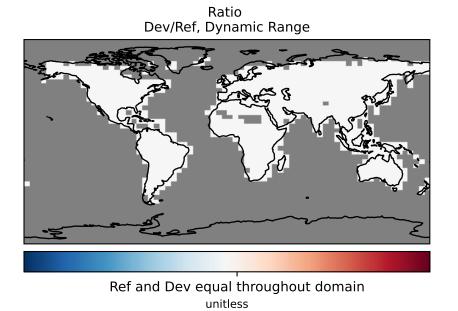
gcc-14.3.0-rc.0 (Ref) 4.0x5.0

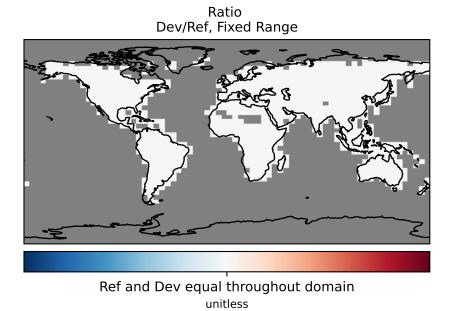
gcc-14.4.0-rc.0 (Dev) 4.0x5.0

1
2
3
kg/m2/s
1e-11

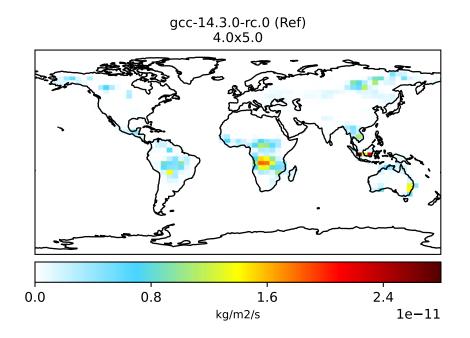


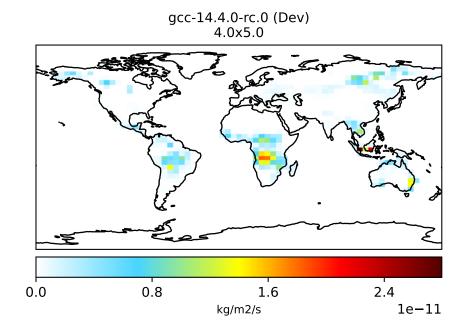


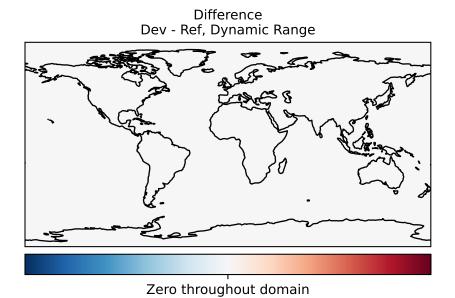


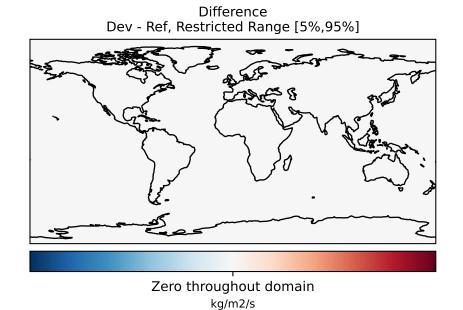


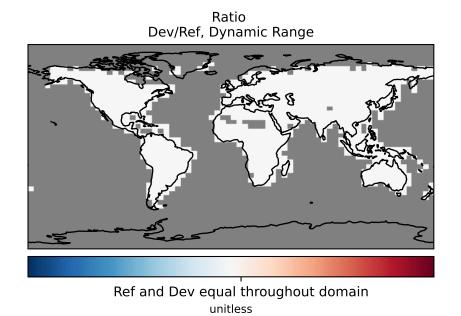
EmisRCHO_BioBurn (AnnualMean)

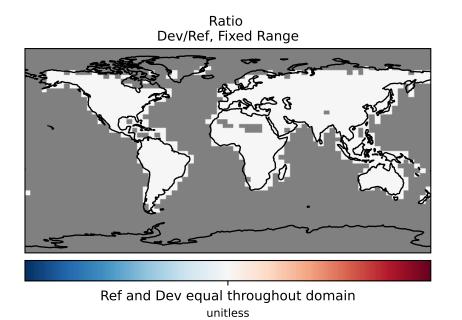








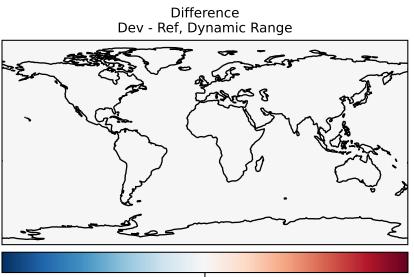


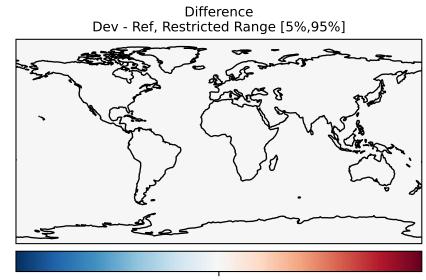


EmisSO2_BioBurn (AnnualMean)

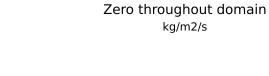
0.0 0.5 1.0 1.5 kg/m2/s 1.9 1.5 le-11

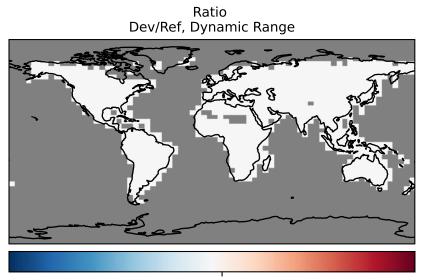
gcc-14.4.0-rc.0 (Dev) 4.0x5.0

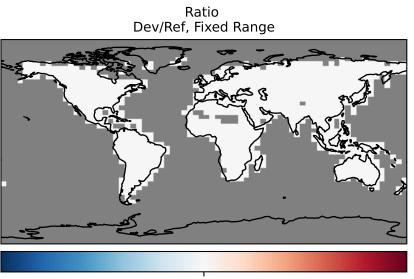




Zero throughout domain kg/m2/s



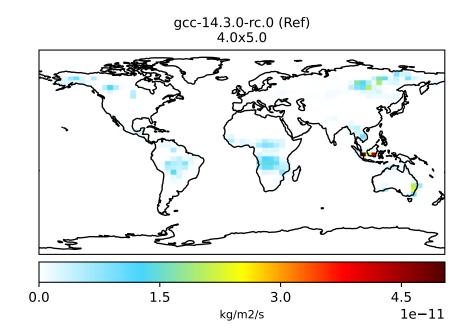




Ref and Dev equal throughout domain unitless

Ref and Dev equal throughout domain unitless

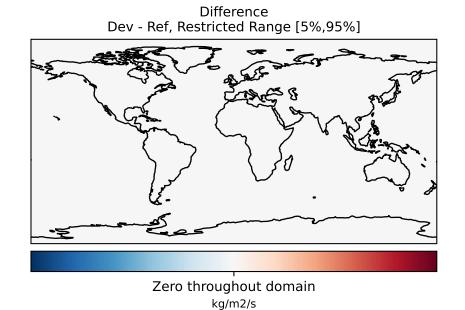
EmisSOAP_BioBurn (AnnualMean)

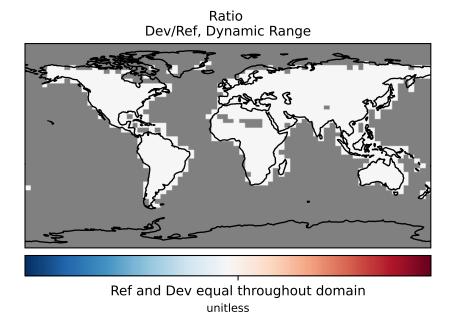


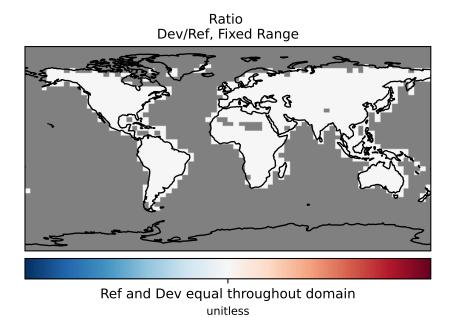
0.0 1.5 3.0 4.5 kg/m2/s 1e-11

Difference Dev - Ref, Dynamic Range

Zero throughout domain







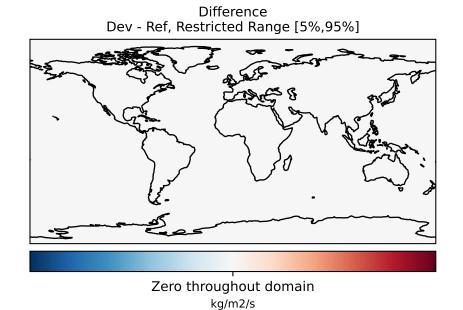
EmisTOLU_BioBurn (AnnualMean)

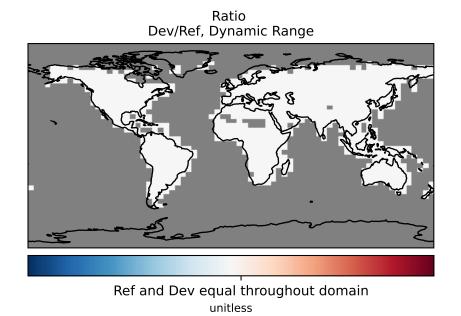
gcc-14.3.0-rc.0 (Ref) 4.0x5.0

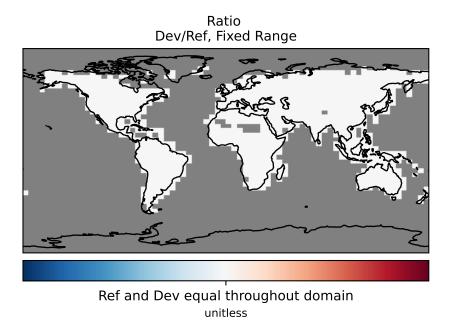
gcc-14.4.0-rc.0 (Dev) 4.0x5.0

Difference
Dev - Ref, Dynamic Range

Zero throughout domain







EmisXYLE_BioBurn (AnnualMean)

gcc-14.3.0-rc.0 (Ref) 4.0x5.0

gcc-14.4.0-rc.0 (Dev)
4.0x5.0

0 1 2 3
kg/m2/s 1e-12

Difference
Dev - Ref, Dynamic Range

Zero throughout domain

