EmisACET_BioBurn

gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0

kg/m2/s

gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0

kg/m2/s

Difference
Dev - Ref, Dynamic Range

Zero throughout domain
kg/m2/s

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

Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range

Ref and Dev equal throughout domain
unitless

Ratio
Dev/Ref, Fixed Range

Ref and Dev equal throughout domain
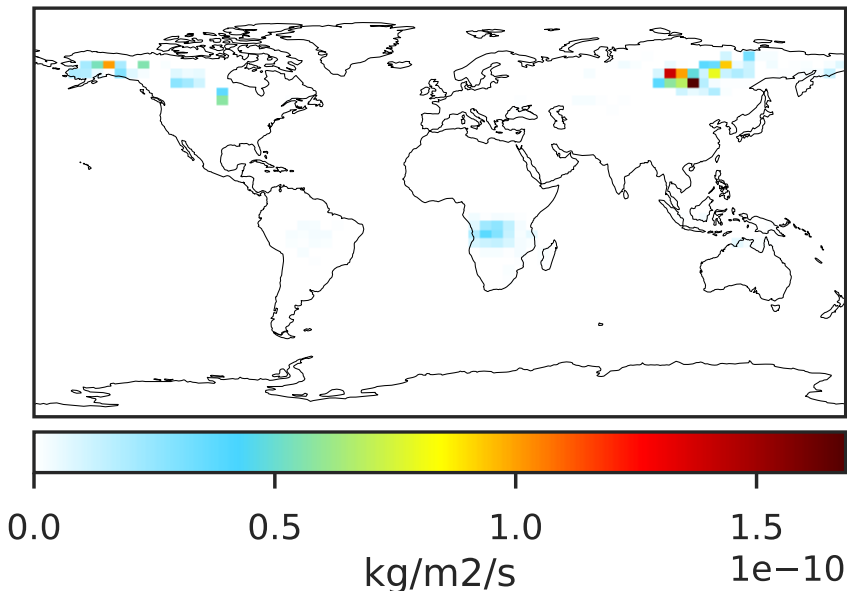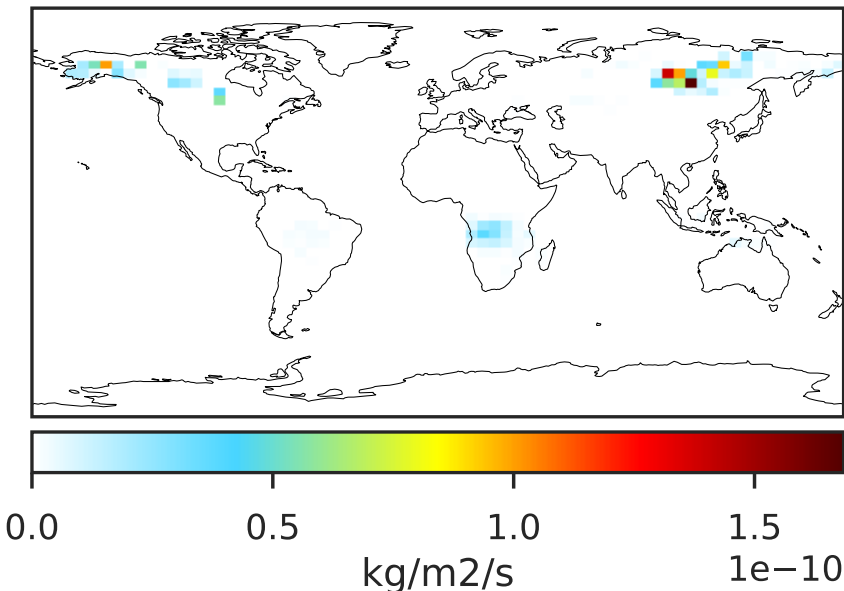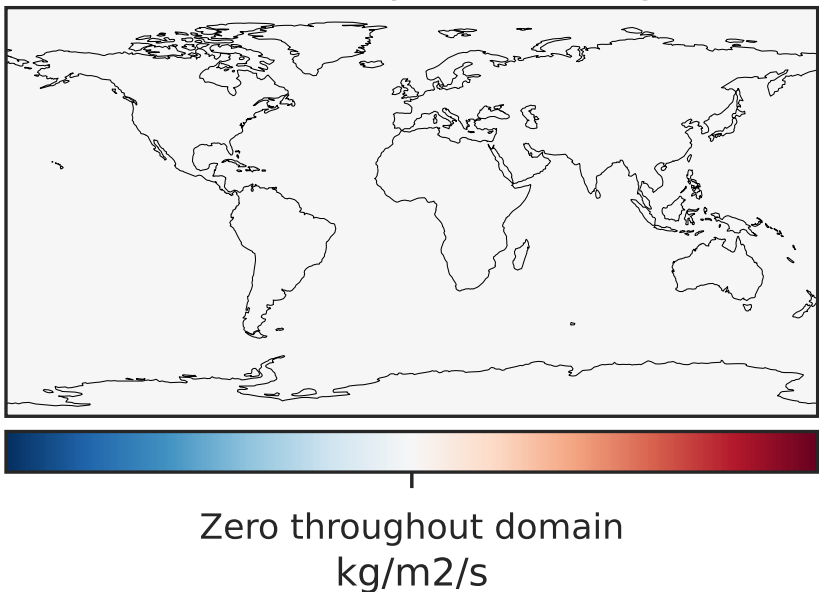unitless
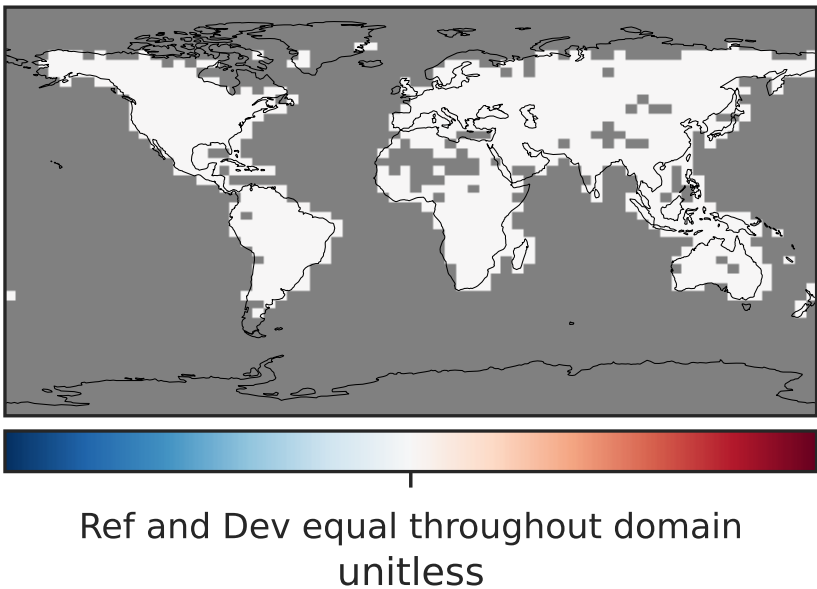
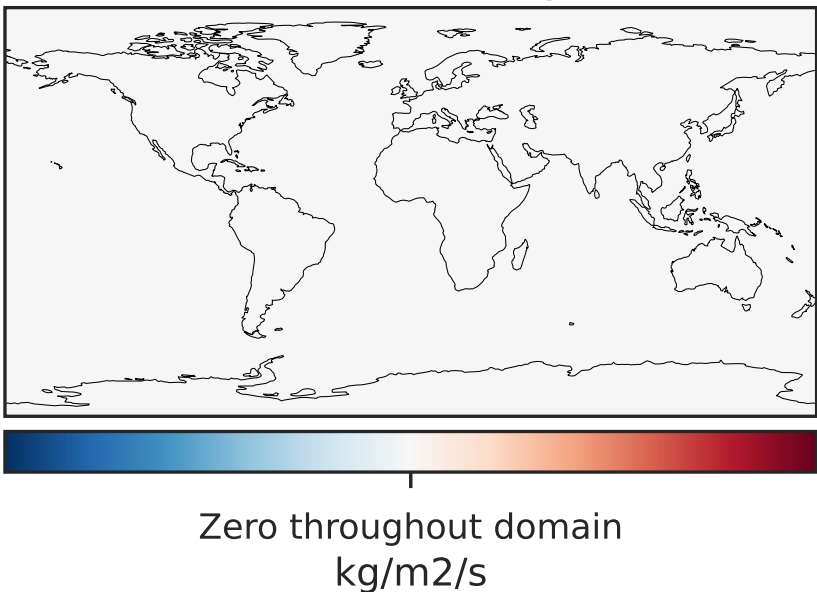# EmisACTA_BioBurn

gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0

gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0

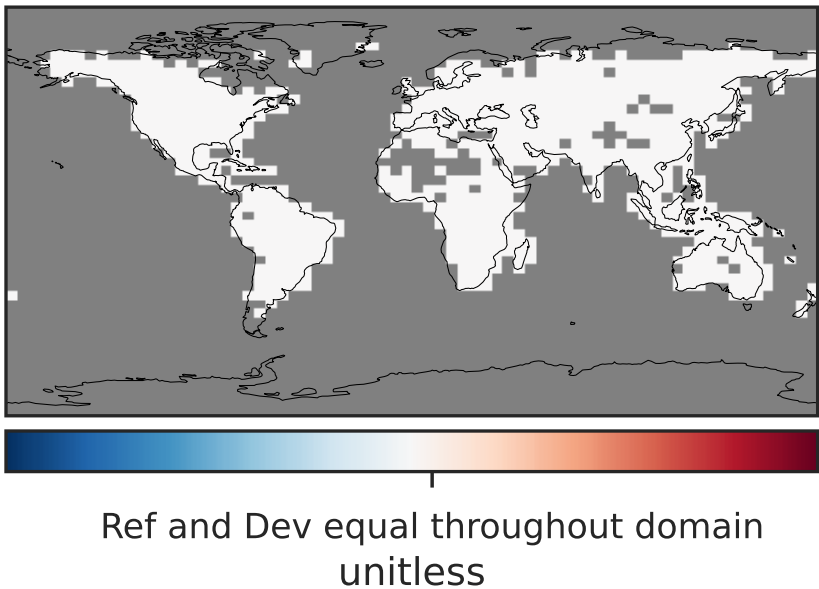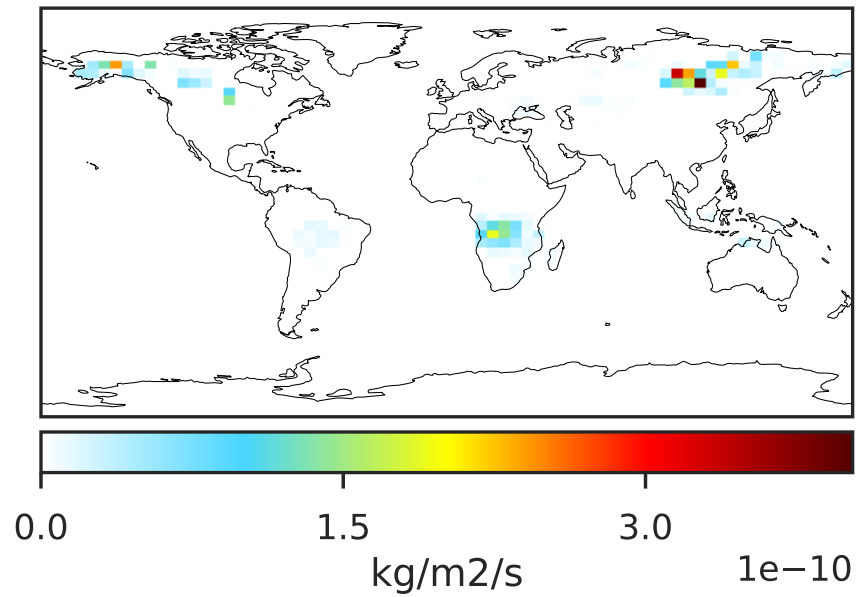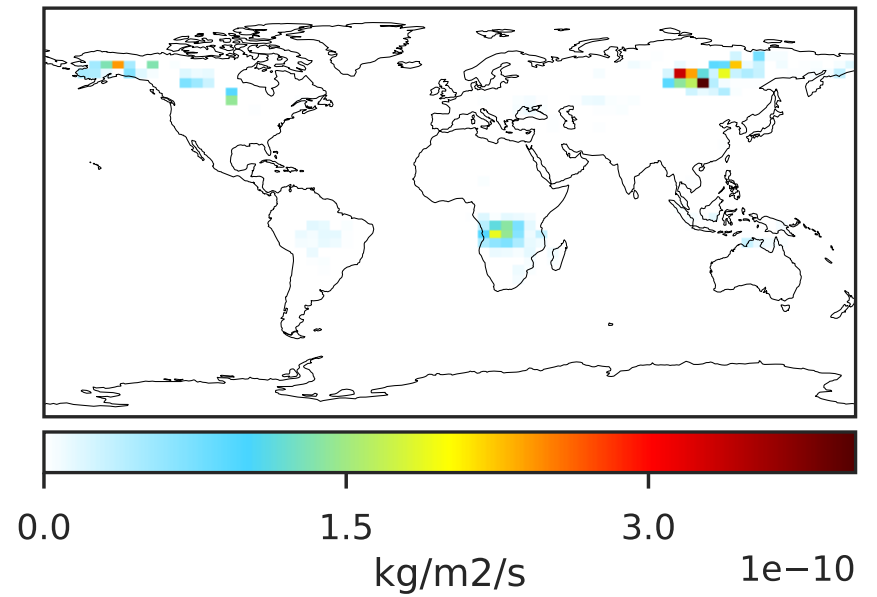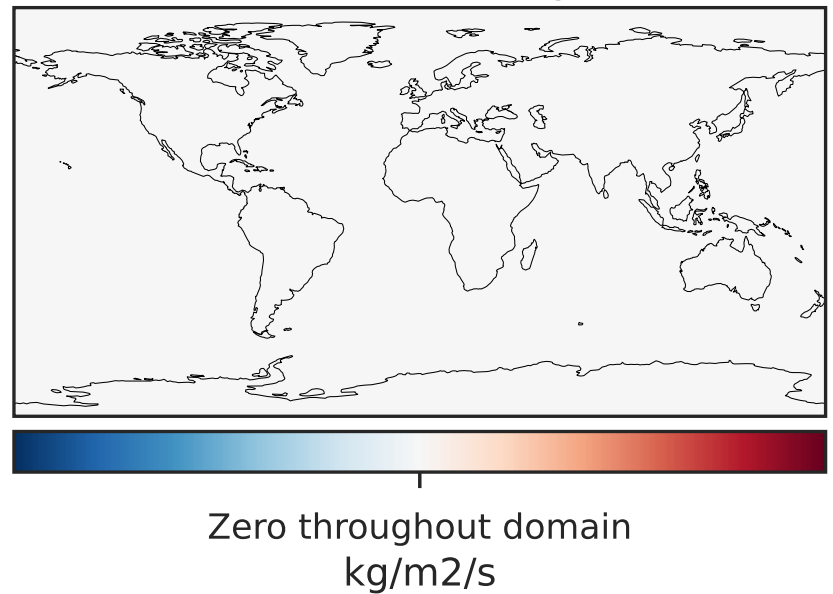kg/m2/s

kg/m2/s

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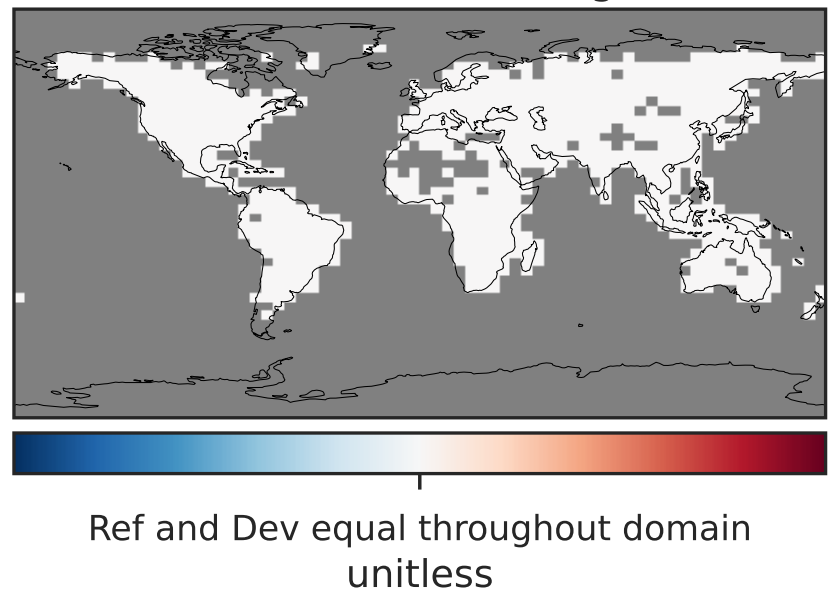Dev - Ref, Dynamic Range
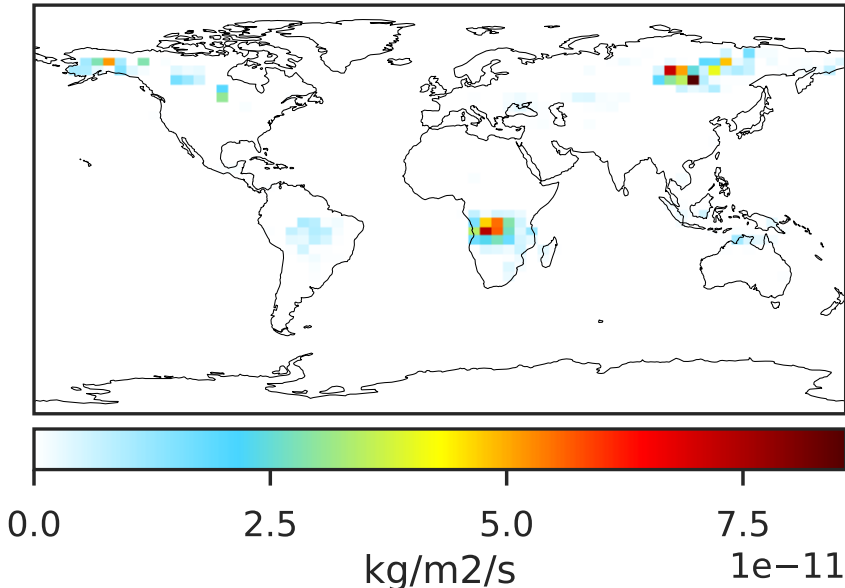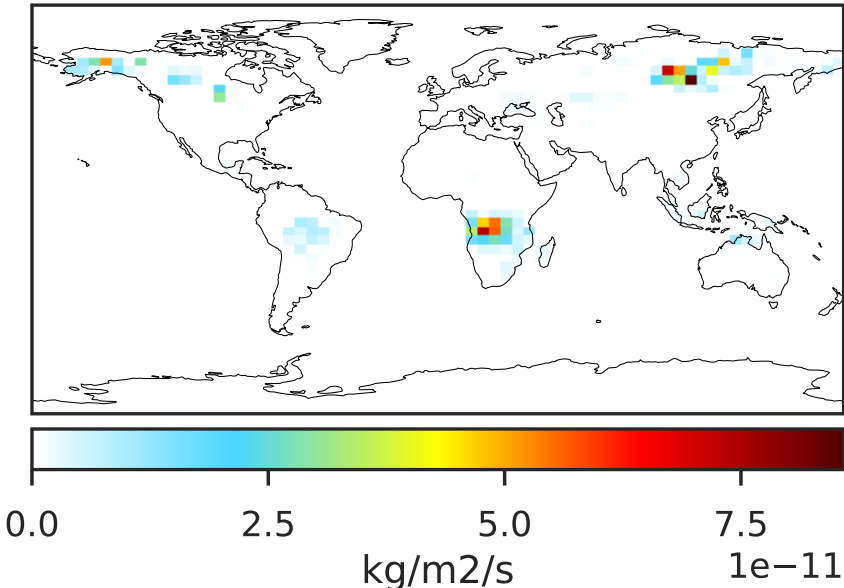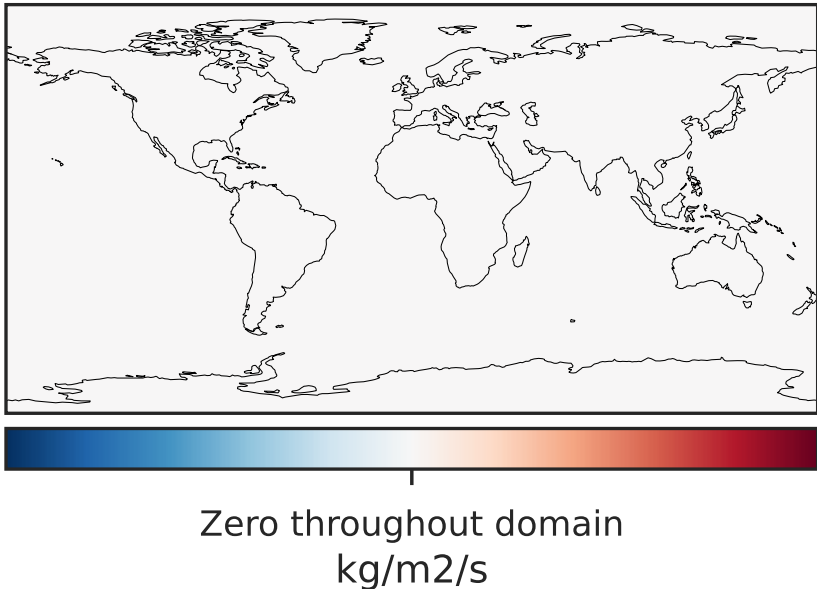
Difference
Dev - Ref, Restricted Range [5%,95%]

Zero throughout domain
kg/m2/s

Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range

Ratio
Dev/Ref, Fixed Range

Ref and Dev equal throughout domain
unitless

Ref and Dev equal throughout domain
unitless

EmisALD2_BioBurn
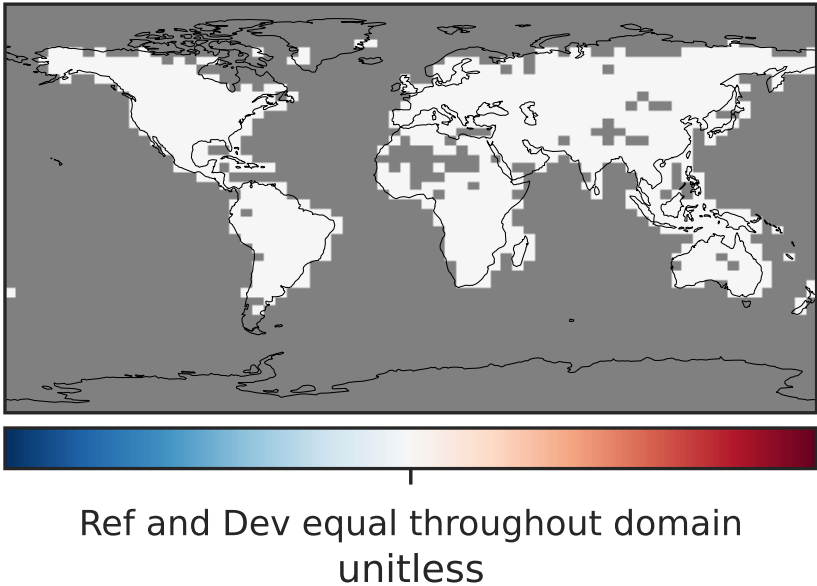
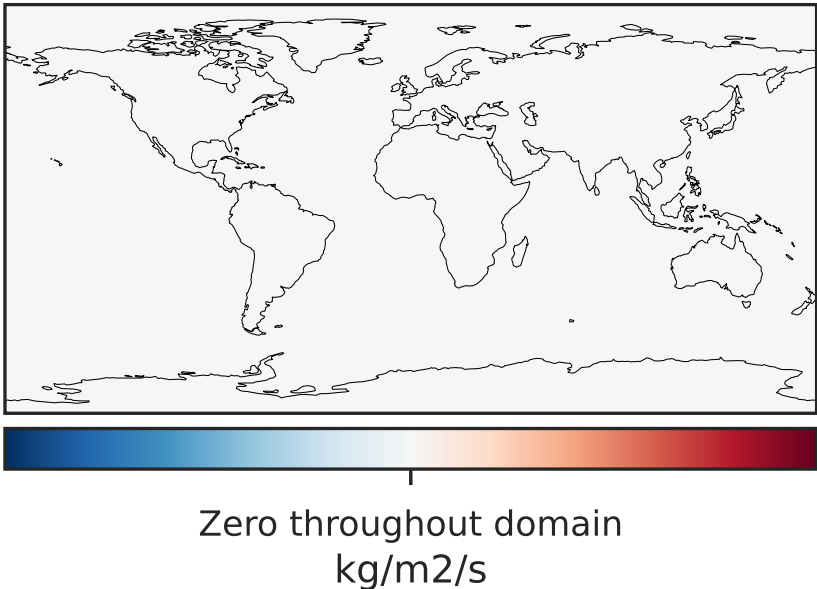# EmisALK4_BioBurn

gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
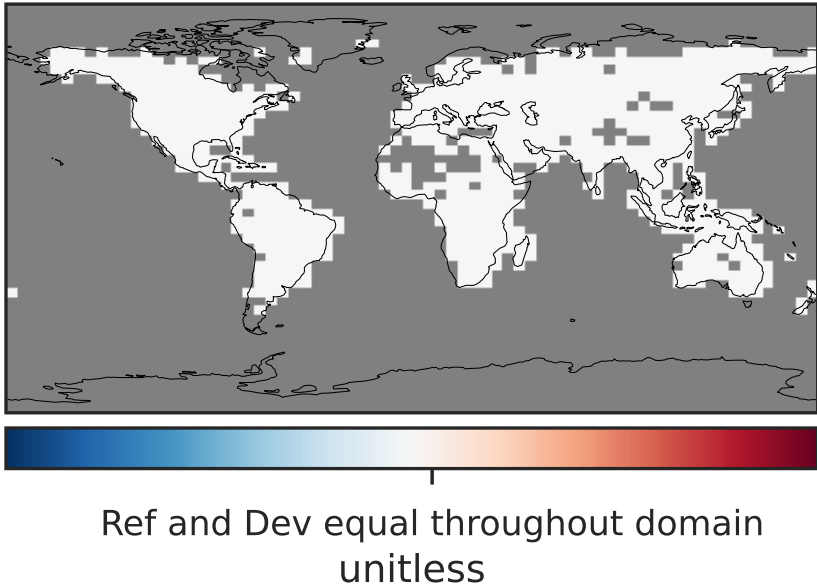4.0x5.0

gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0

kg/m2/s

kg/m2/s

Difference
Dev - Ref, Dynamic Range

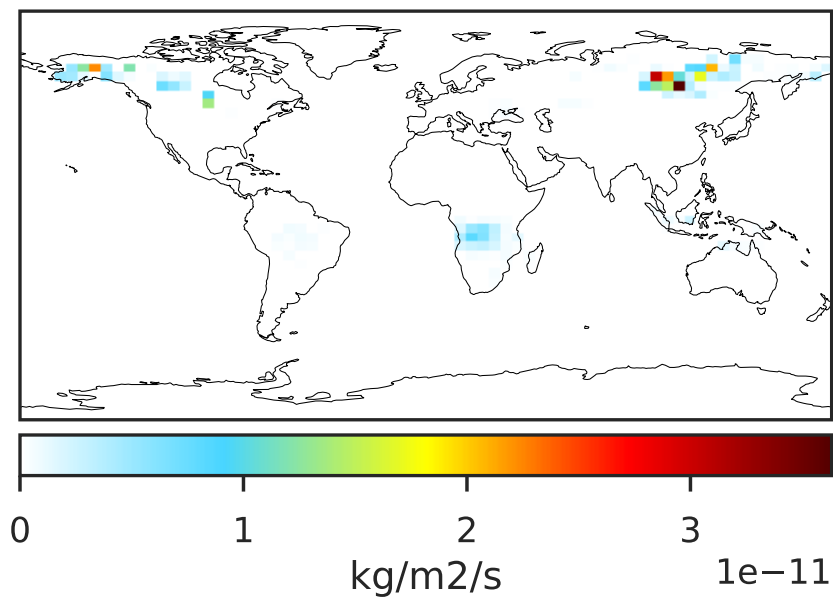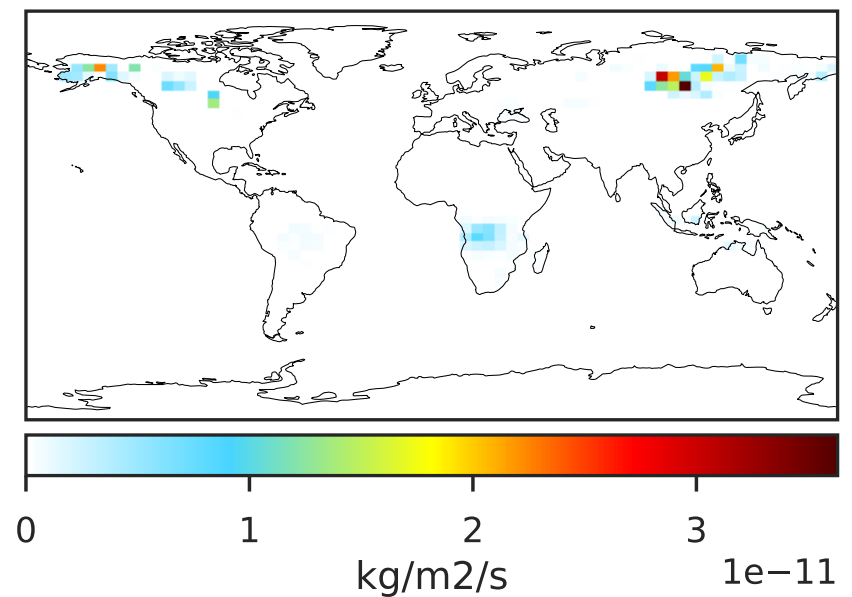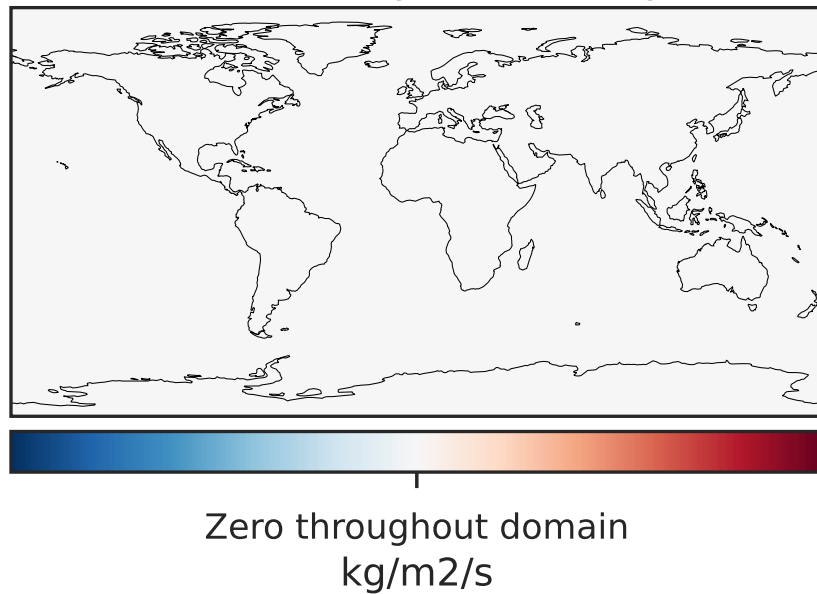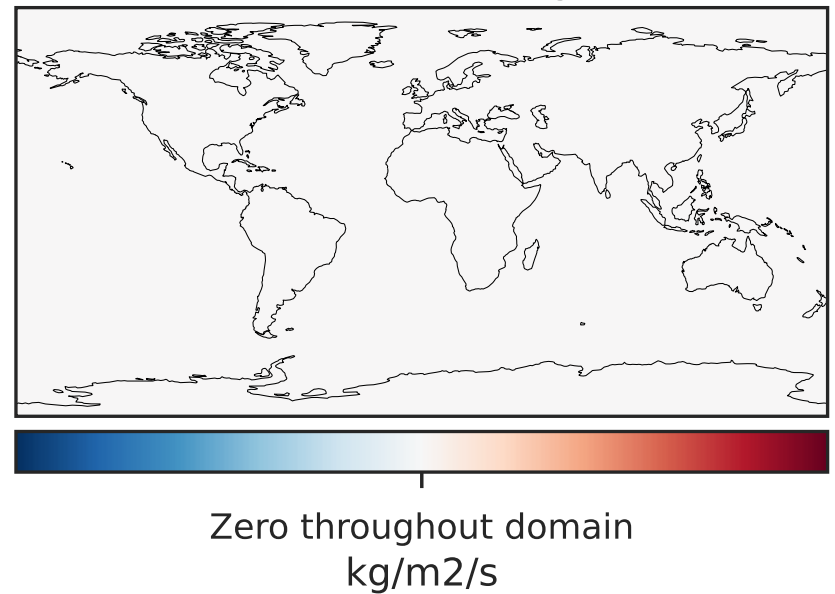Difference
Dev - Ref, Restricted Range [5%,95%]

Zero throughout domain
kg/m2/s

Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range

Ratio
Dev/Ref, Fixed Range

Ref and Dev equal throughout domain
unitless

Ref and Dev equal throughout domain
unitless

EmisBCPI_BioBurn

gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
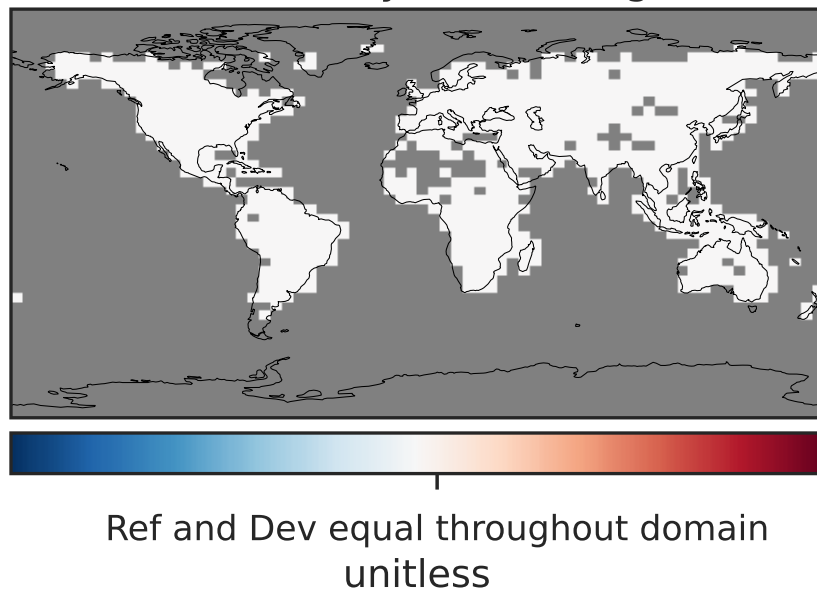4.0x5.0

gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0

kg/m2/s

kg/m2/s

Difference
Dev - Ref, Dynamic Range

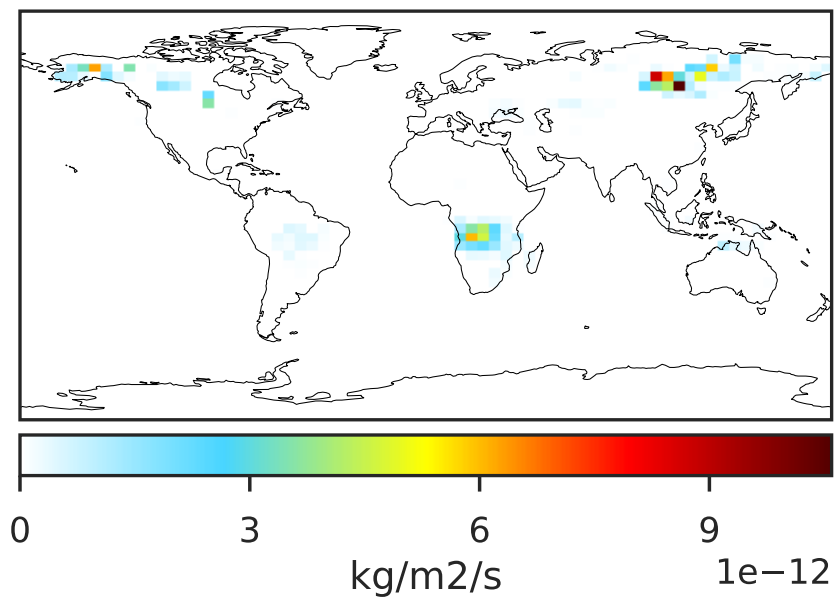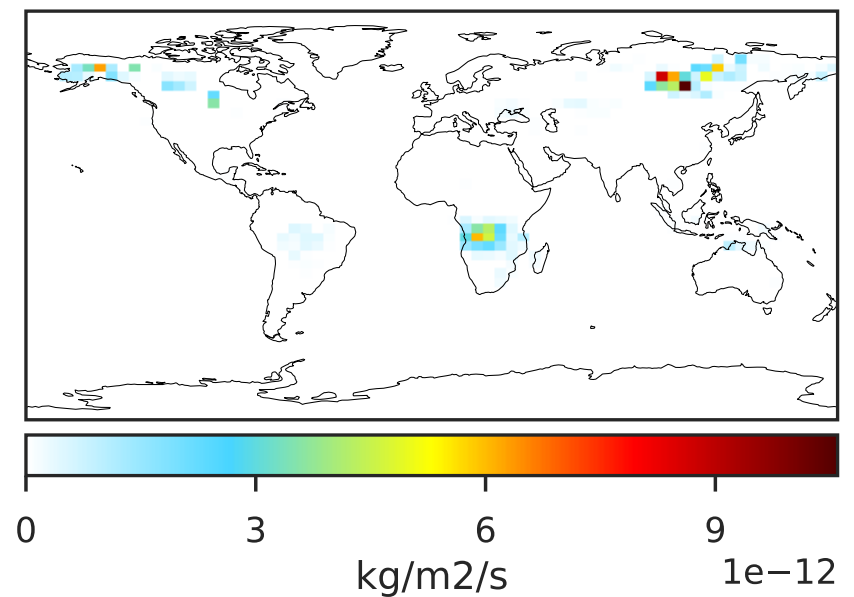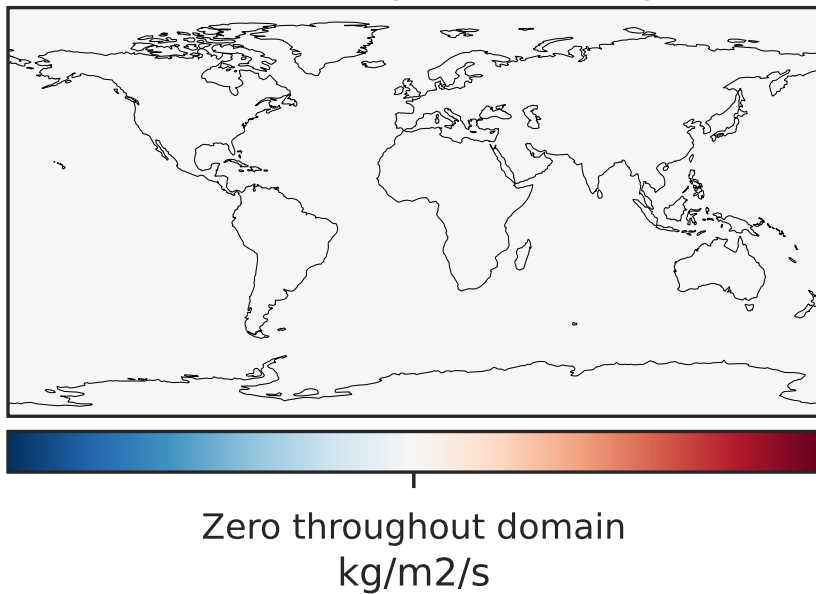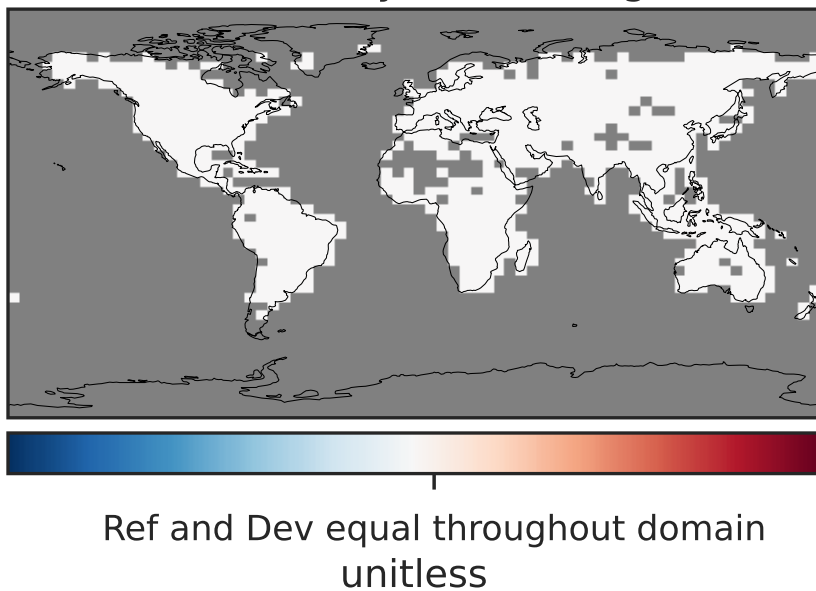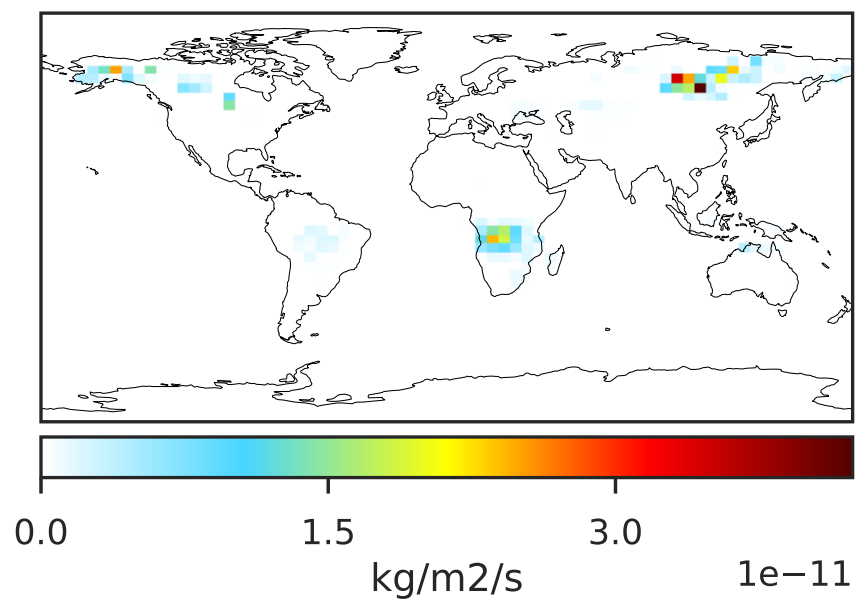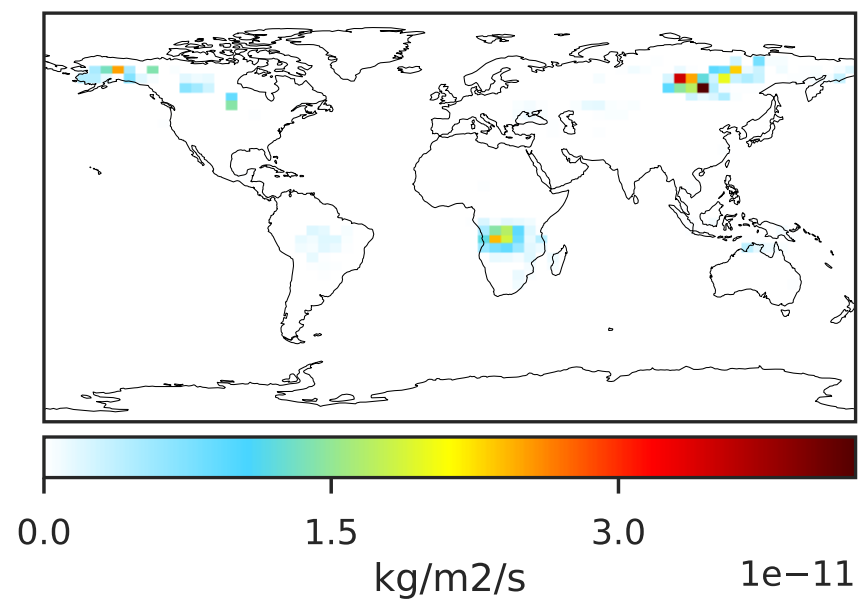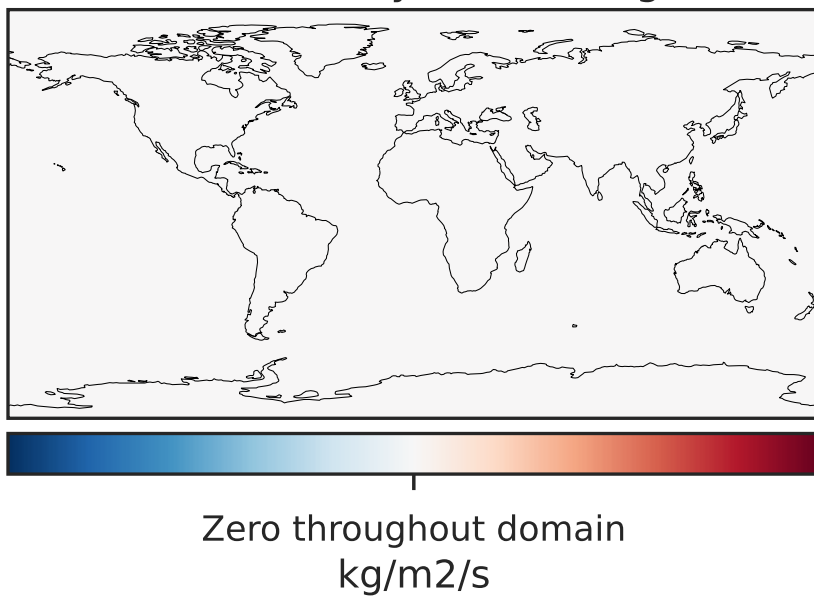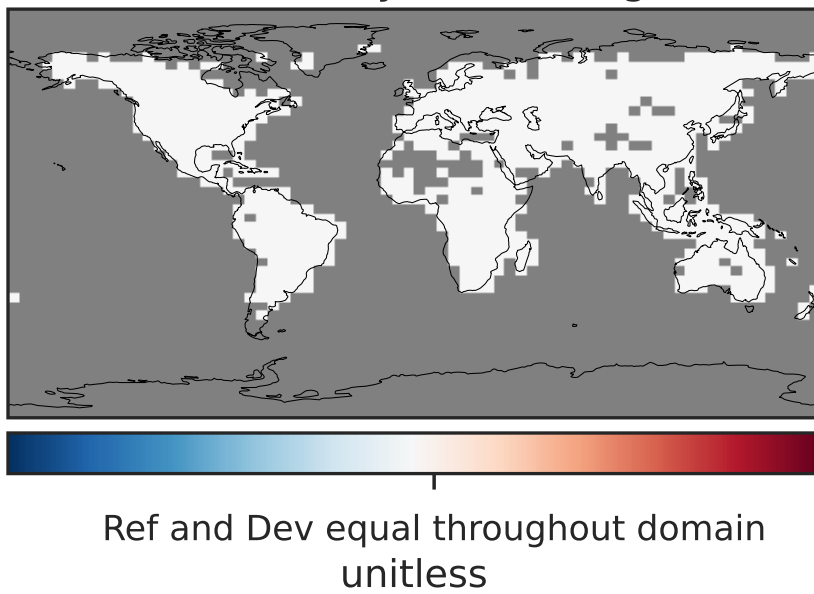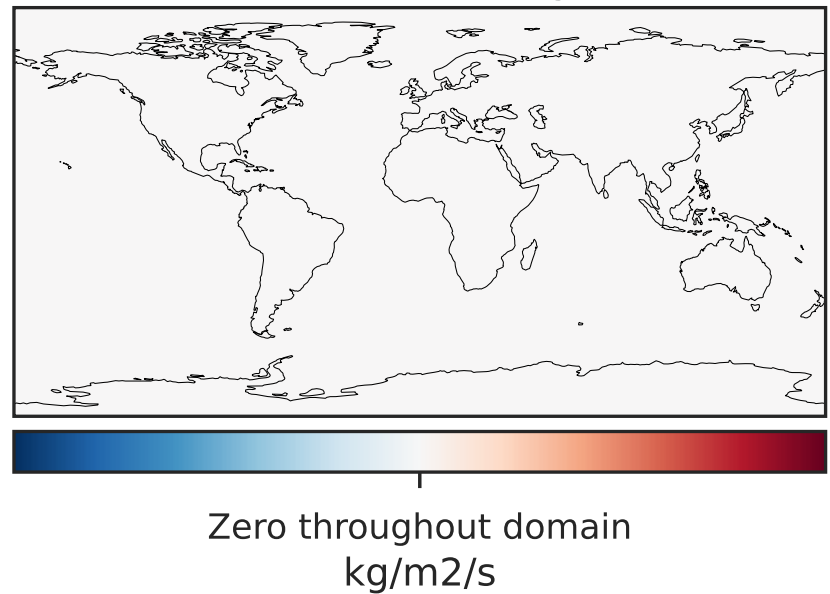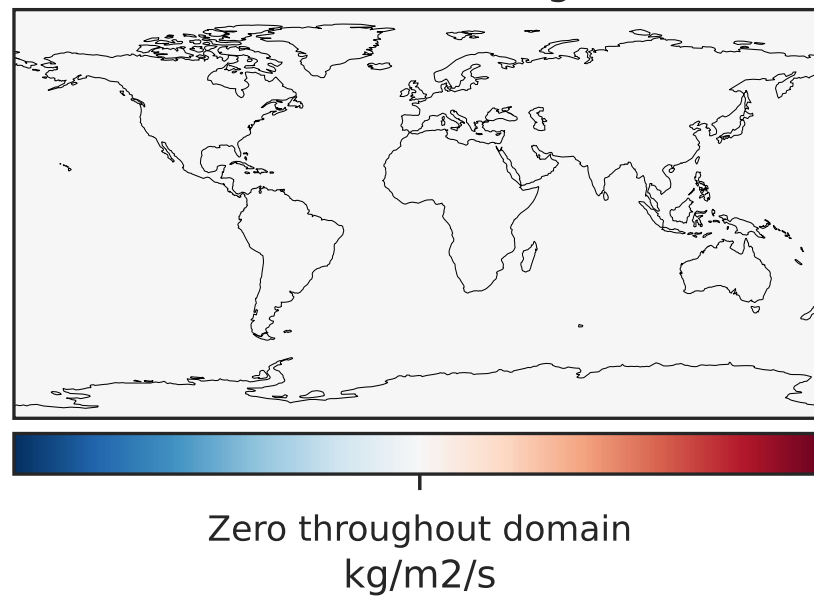Difference
Dev - Ref, Restricted Range [5%,95%]

Zero throughout domain
kg/m2/s

Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range

Ratio
Dev/Ref, Fixed Range

Ref and Dev equal throughout domain
unitless

Ref and Dev equal throughout domain
unitless

EmisBCPO_BioBurn

EmisBENZ_BioBurn

gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0
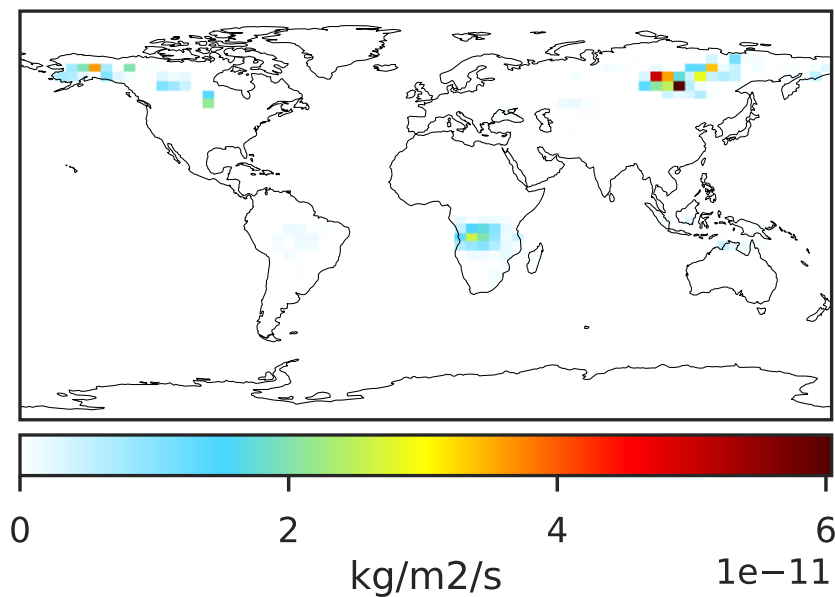
kg/m2/s

gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0

kg/m2/s

Difference
Dev - Ref, Dynamic Range

Zero throughout domain
kg/m2/s

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

Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range

Ref and Dev equal throughout domain
unitless

Ratio
Dev/Ref, Fixed Range

Ref and Dev equal throughout domain
unitless
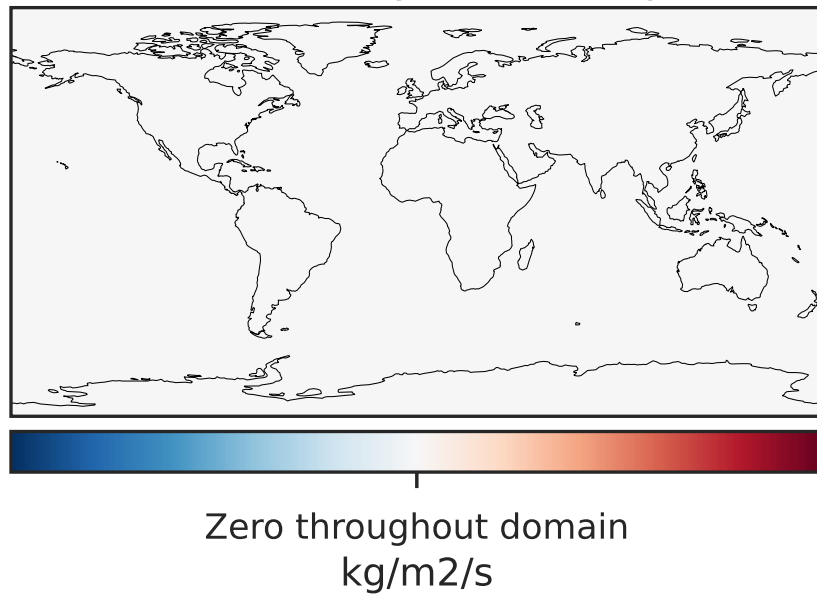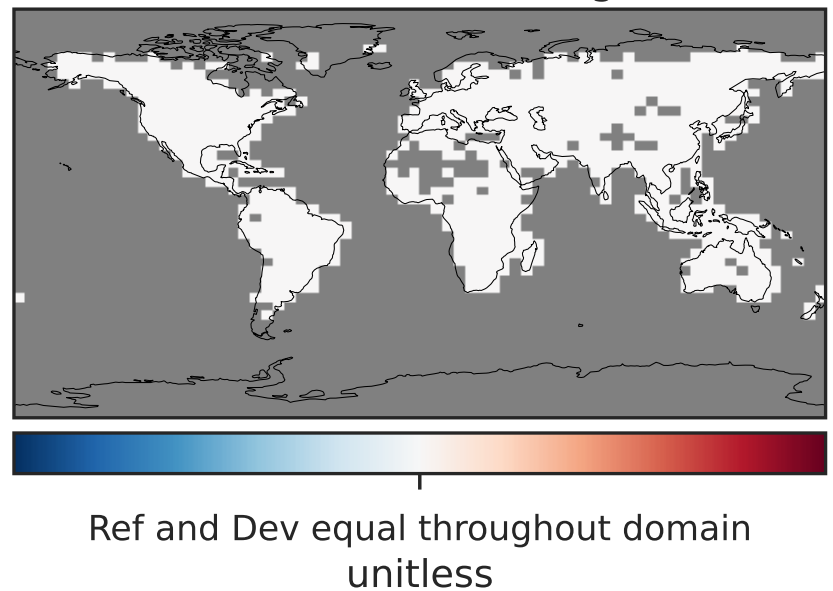
EmisC2H2_BioBurn

gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0
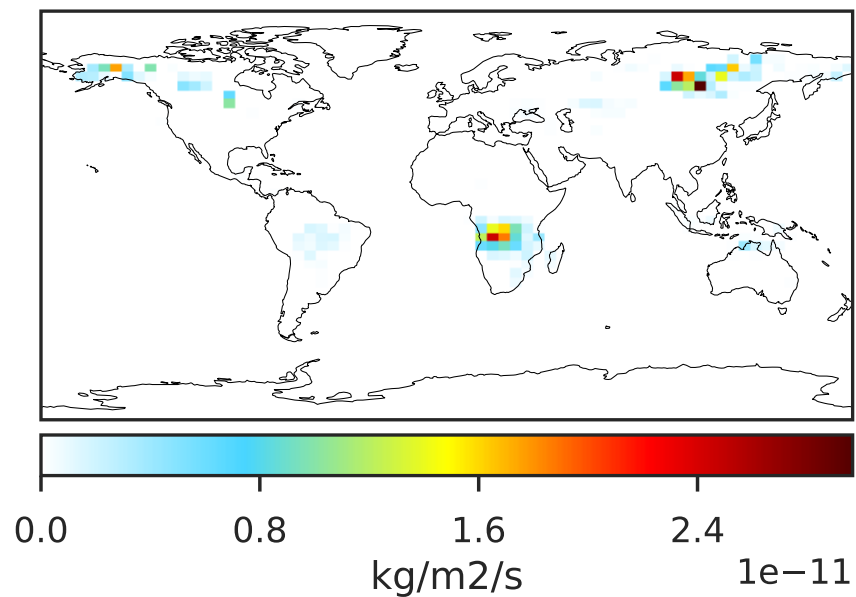
gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0

kg/m2/s

1e−11

kg/m2/s

1e−11

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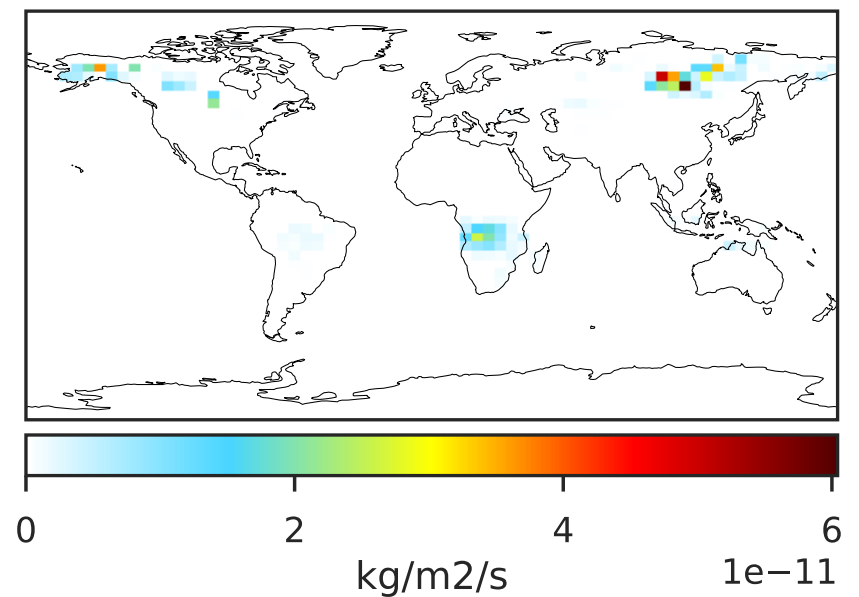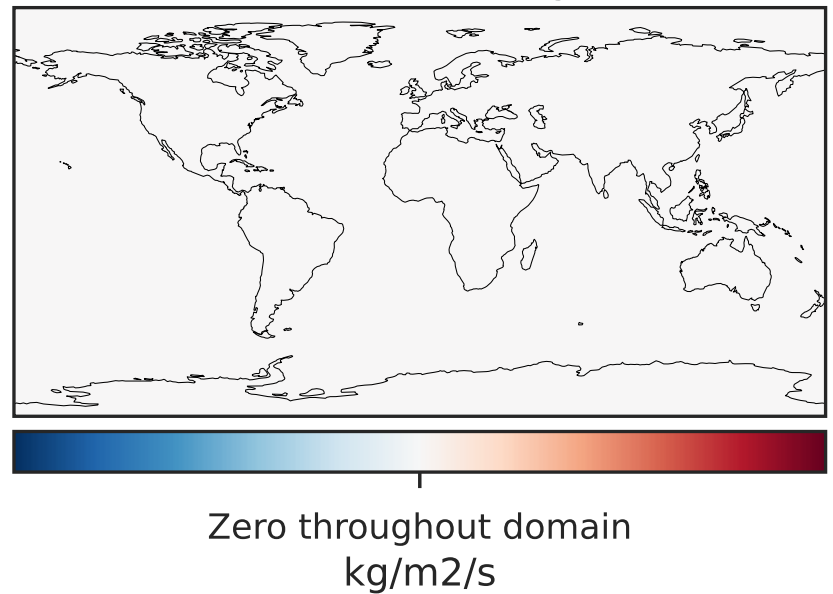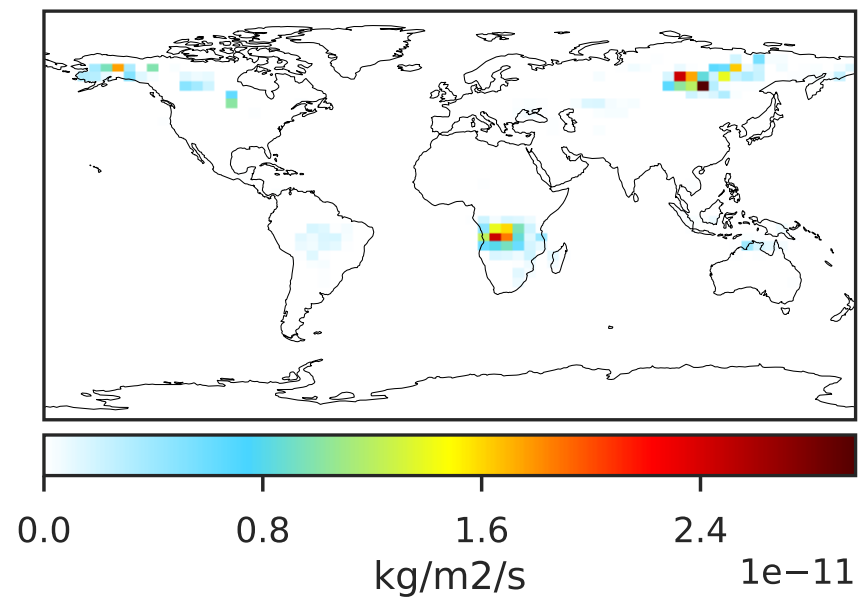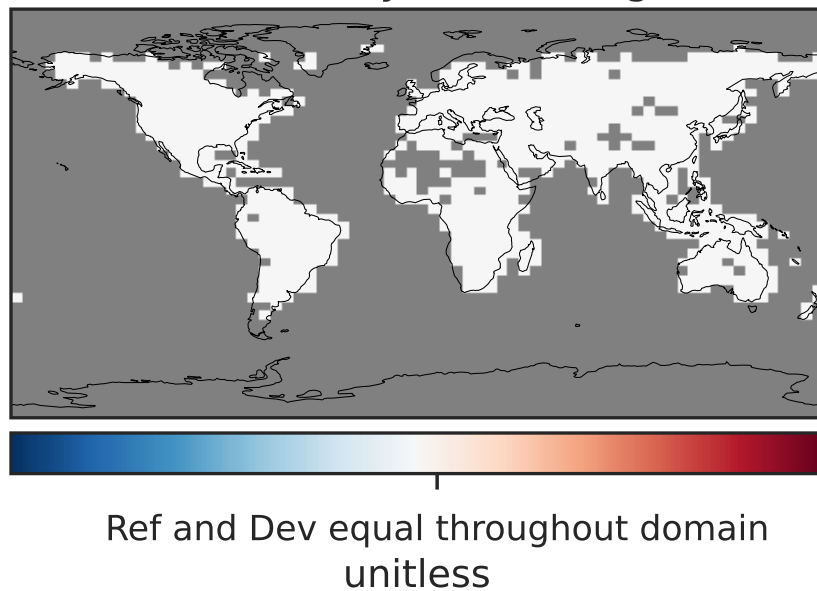
Difference
Dev - Ref, Restricted Range [5%,95%]

Zero throughout domain
kg/m2/s

Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range

Ratio
Dev/Ref, Fixed Range

Ref and Dev equal throughout domain
unitless

Ref and Dev equal throughout domain
unitless
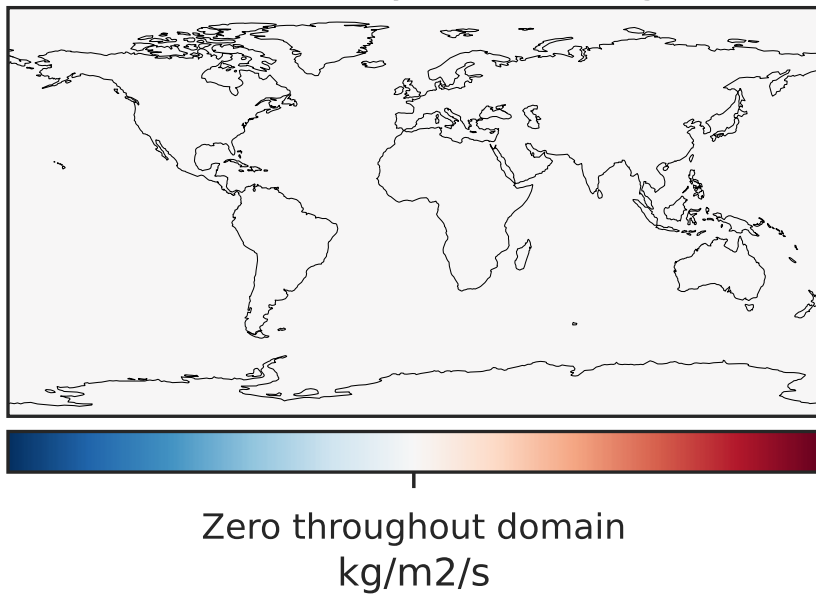
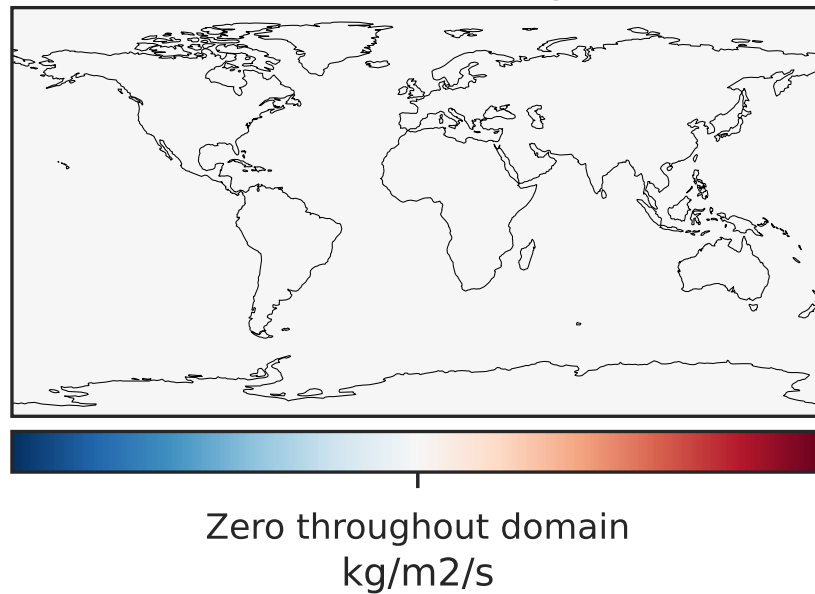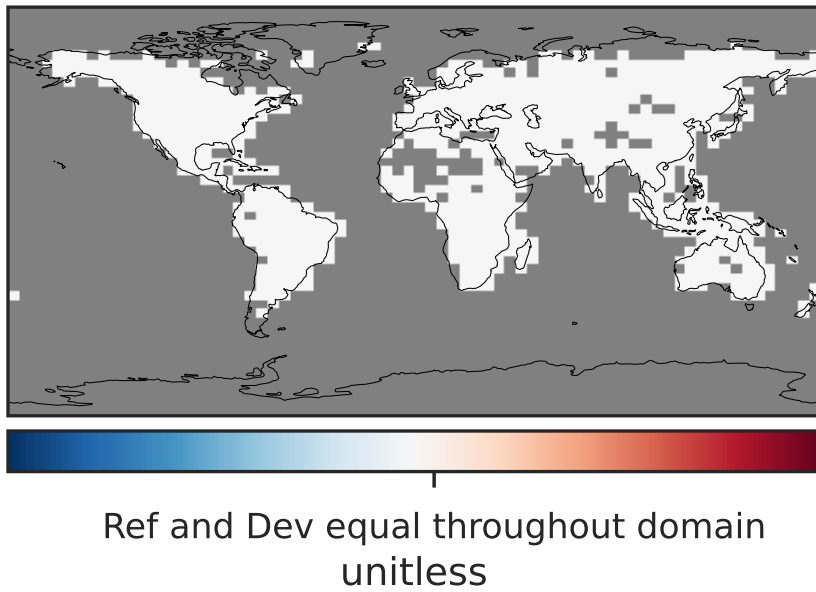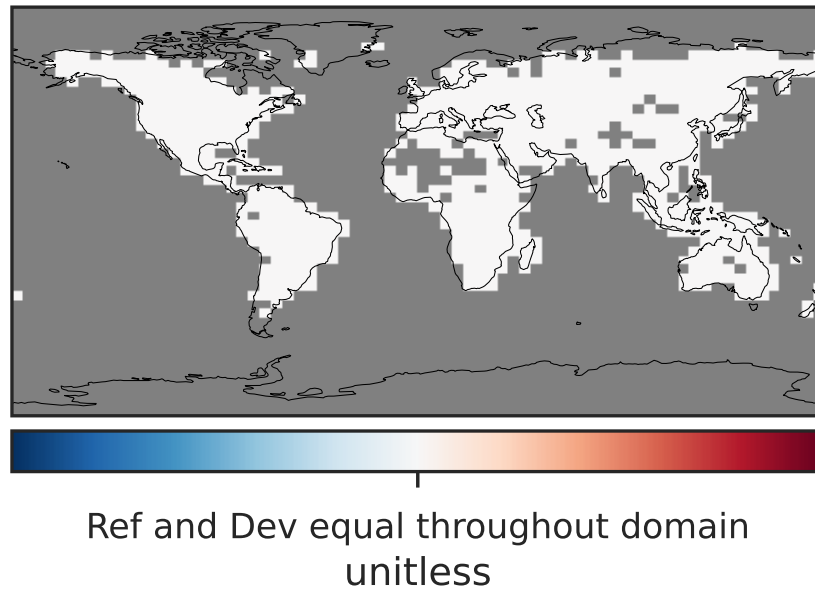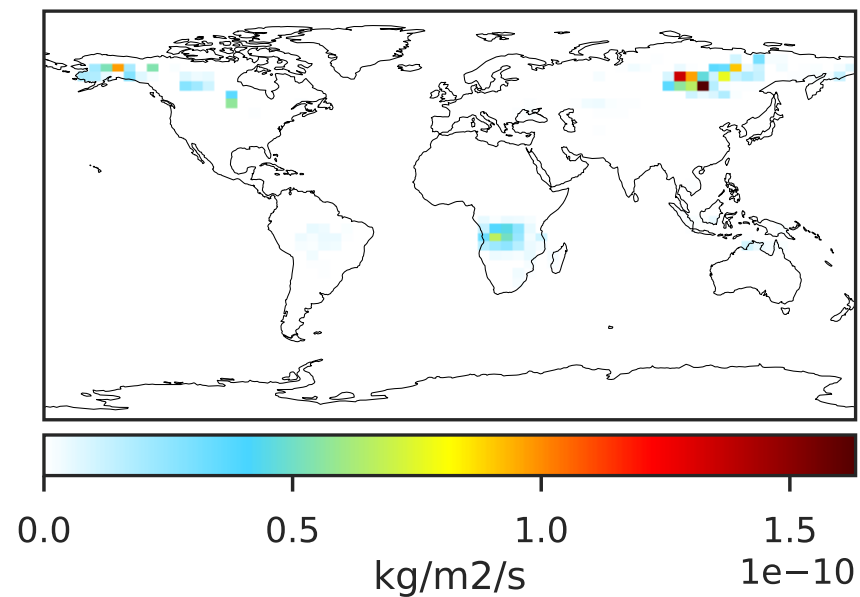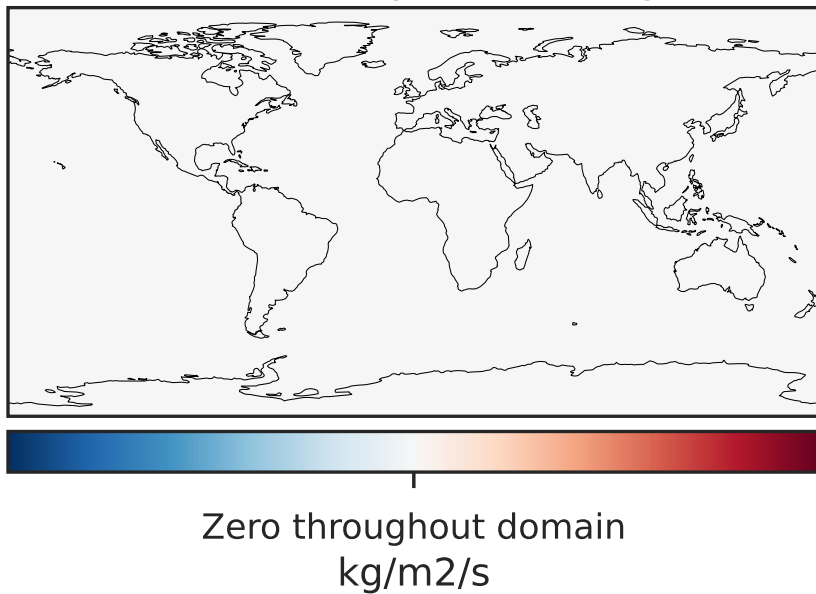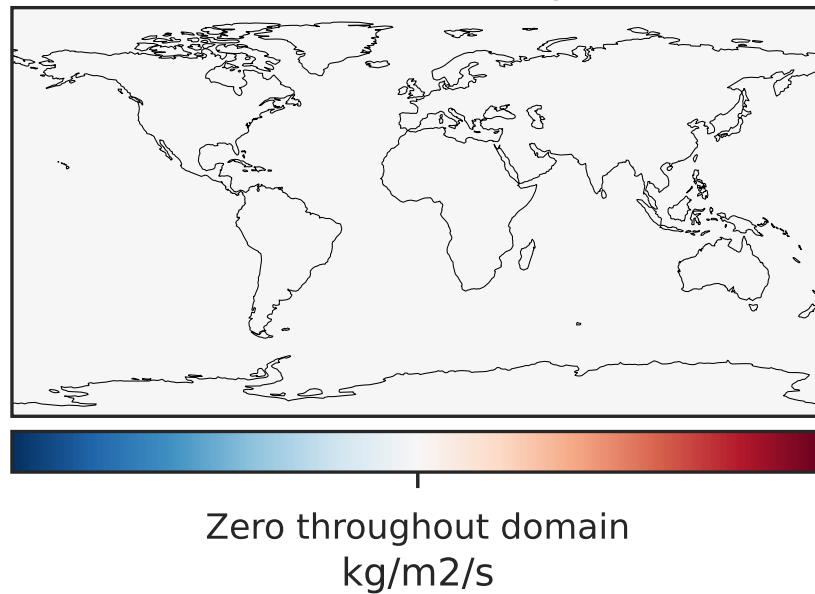# EmisC2H4_BioBurn

gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0
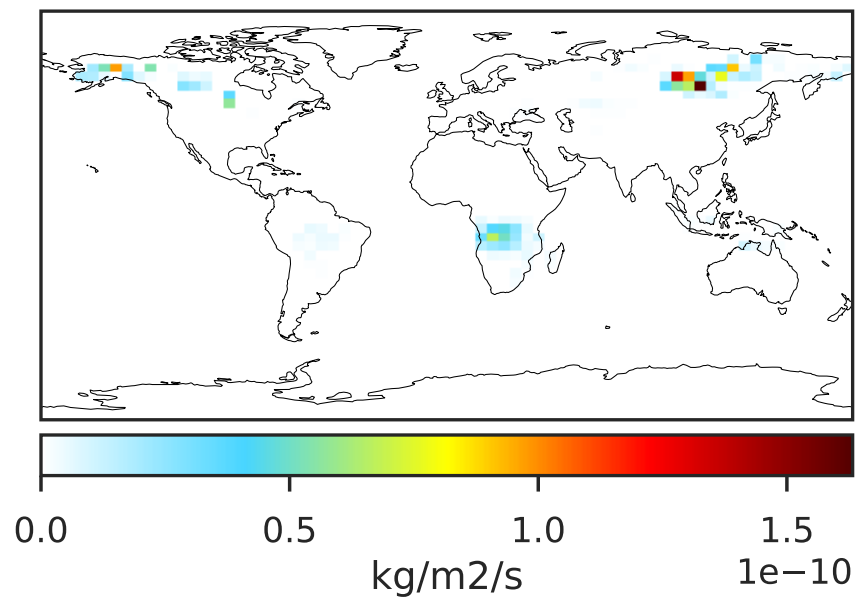
gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0

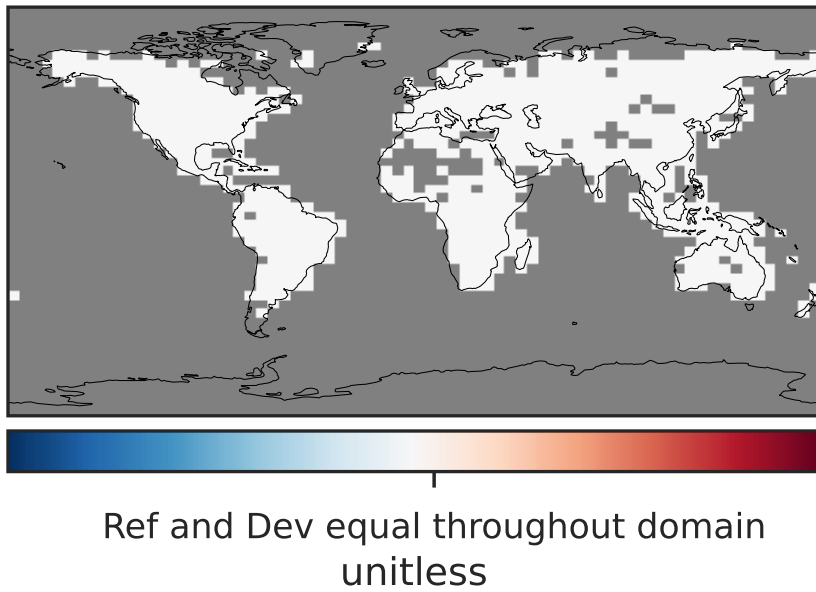kg/m2/s

kg/m2/s

Difference
Dev - Ref, Dynamic Range

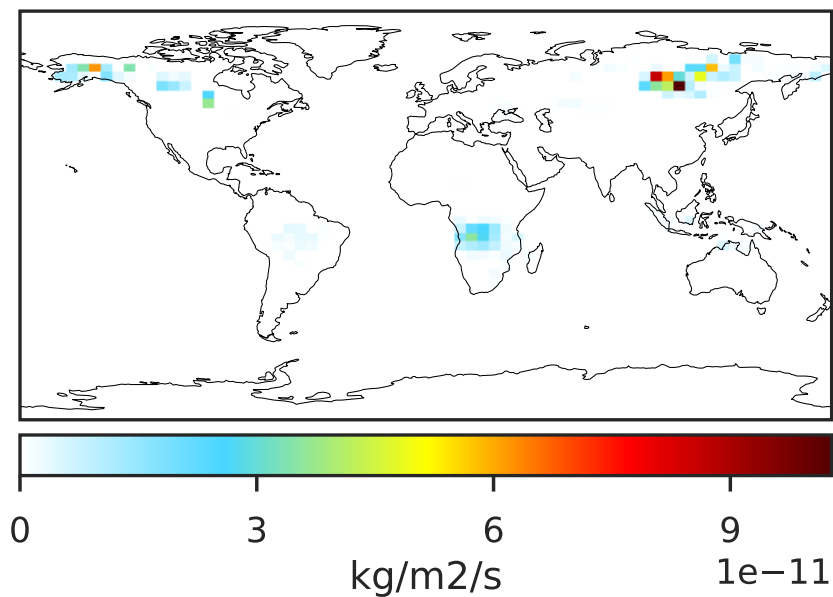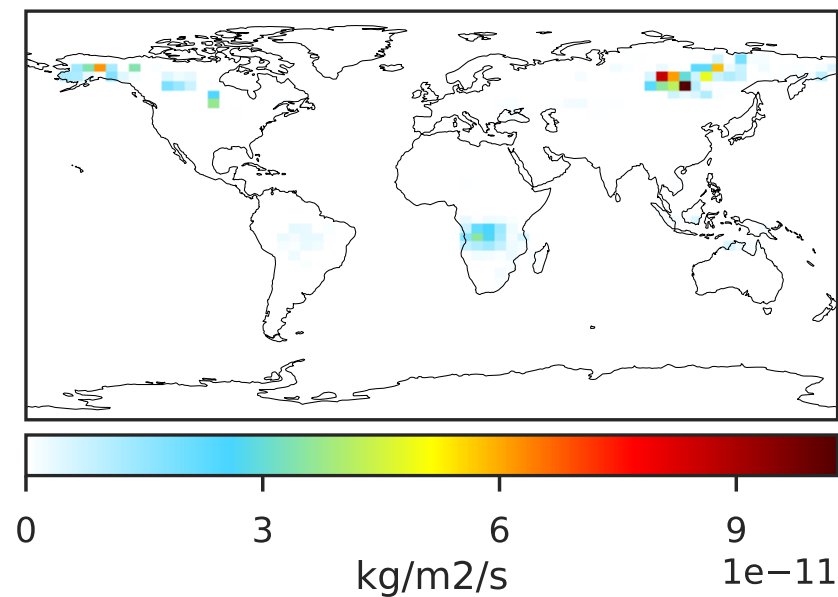Difference
Dev - Ref, Restricted Range [5%,95%]

Zero throughout domain
kg/m2/s

Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range

Ratio
Dev/Ref, Fixed Range

Ref and Dev equal throughout domain
unitless

Ref and Dev equal throughout domain
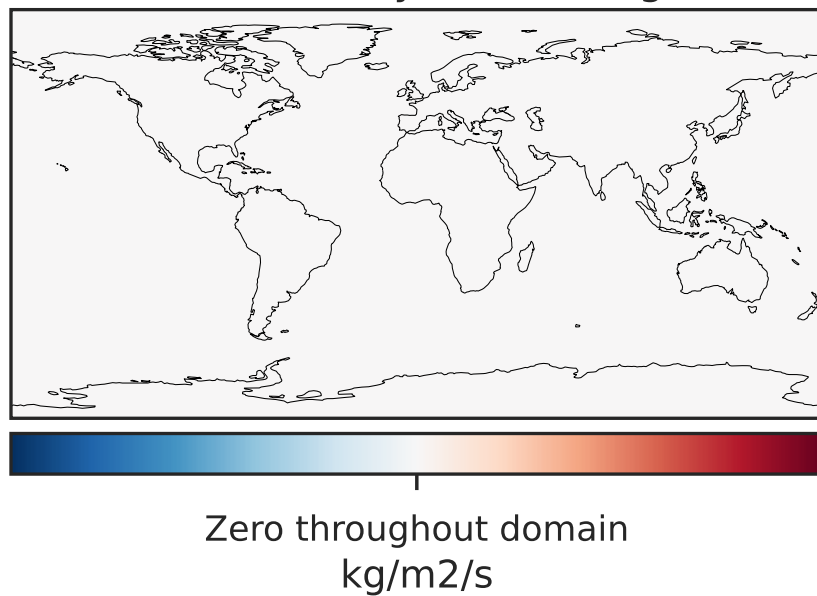unitless
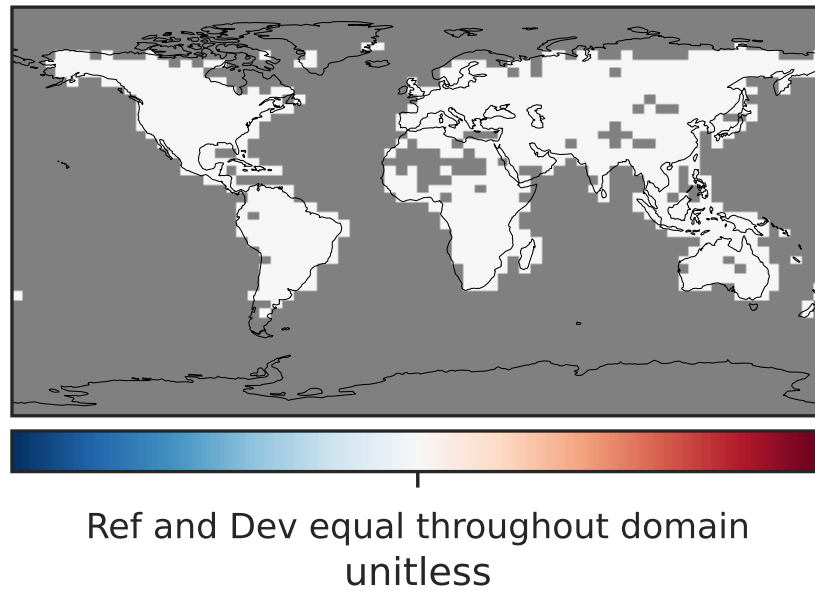
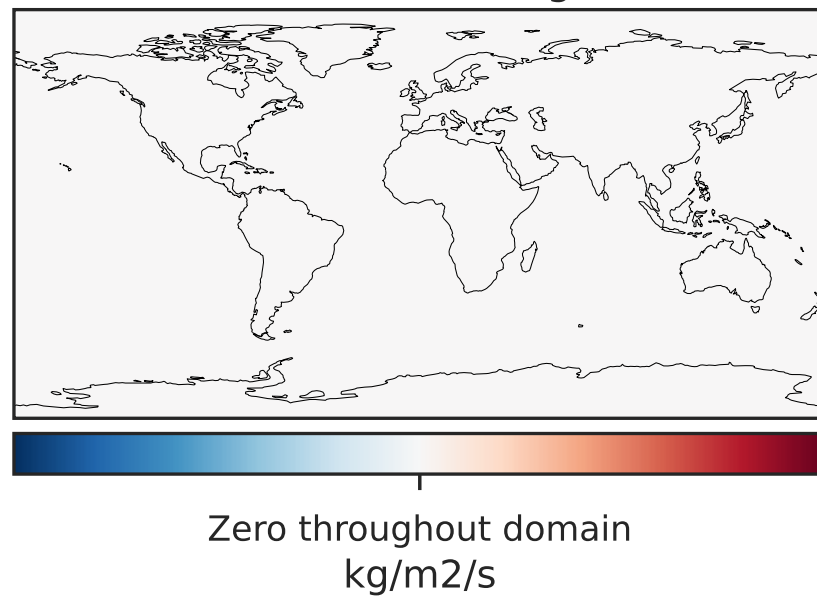# EmisC2H6_BioBurn

gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
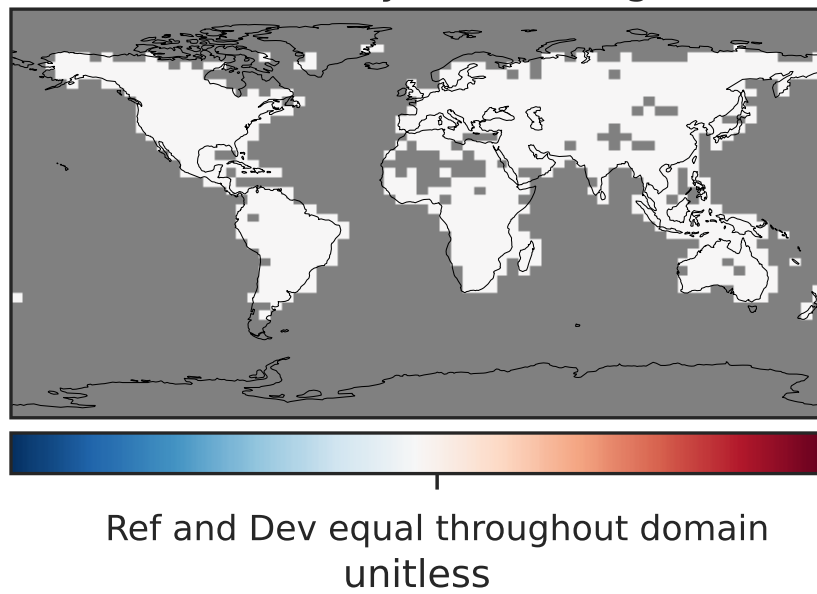4.0x5.0

gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0

kg/m2/s

kg/m2/s

Difference
Dev - Ref, Dynamic Range

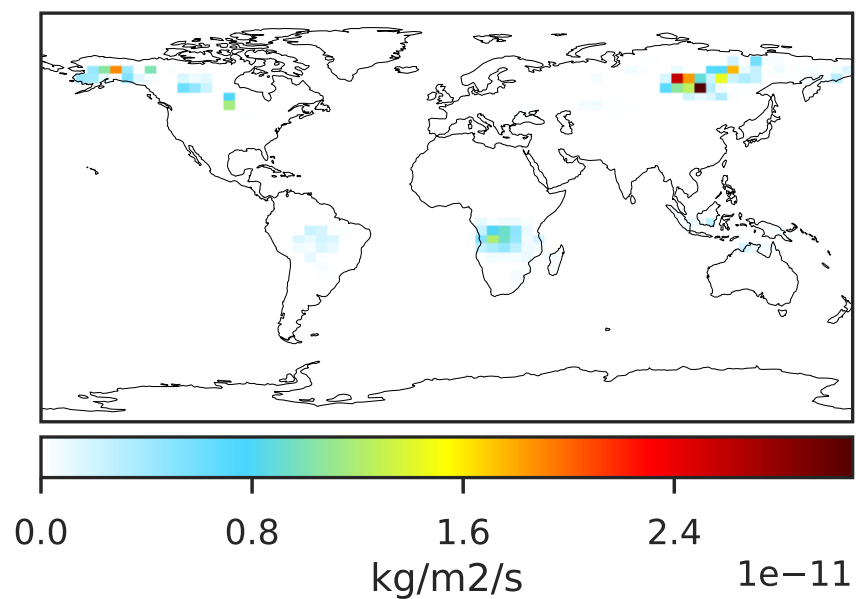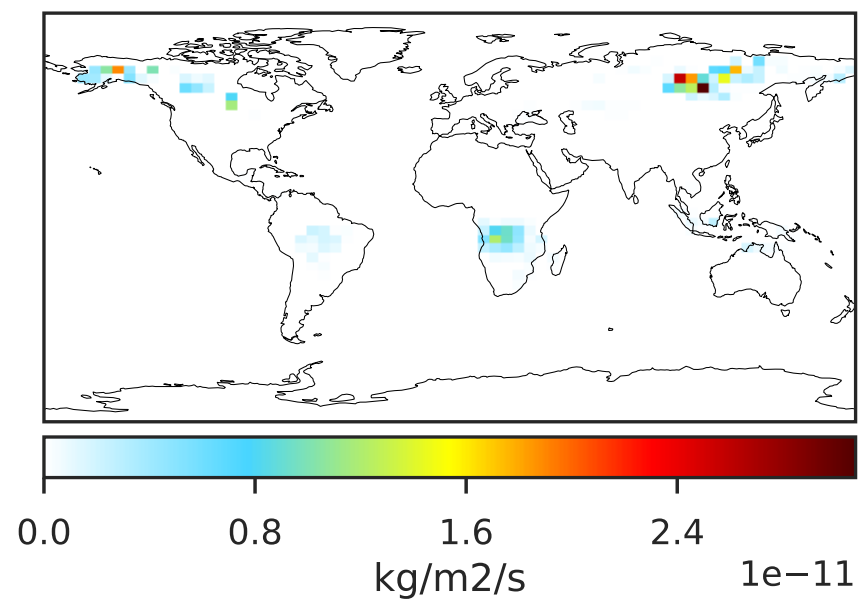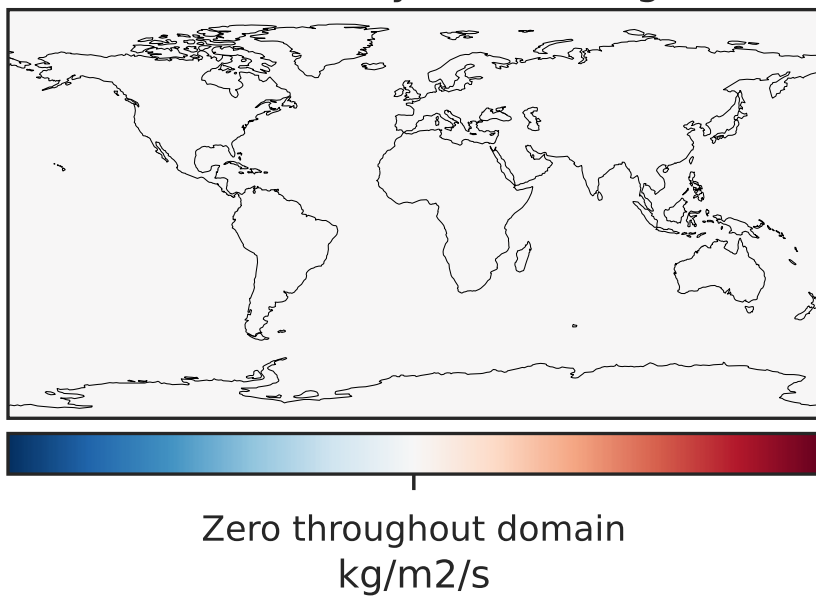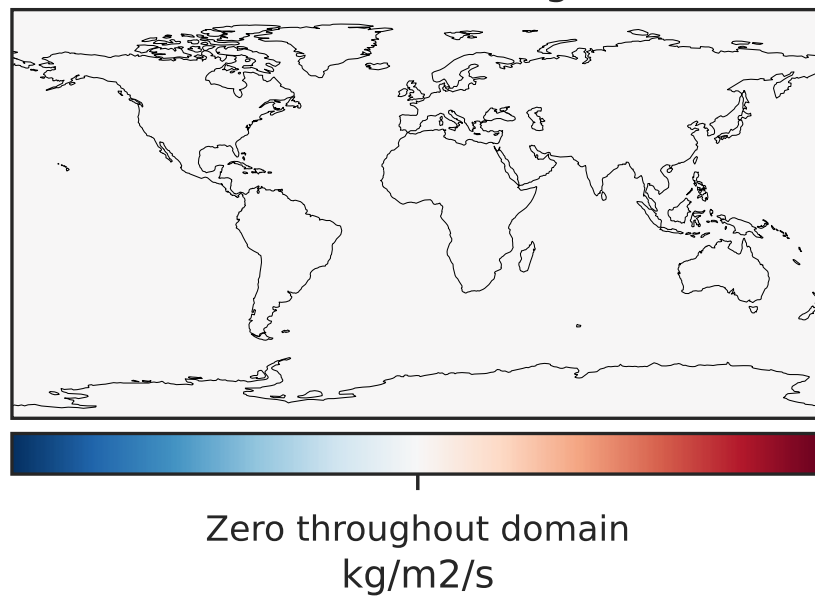Difference
Dev - Ref, Restricted Range [5%,95%]

Zero throughout domain
kg/m2/s

Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range

Ratio
Dev/Ref, Fixed Range

Ref and Dev equal throughout domain
unitless

Ref and Dev equal throughout domain
unitless
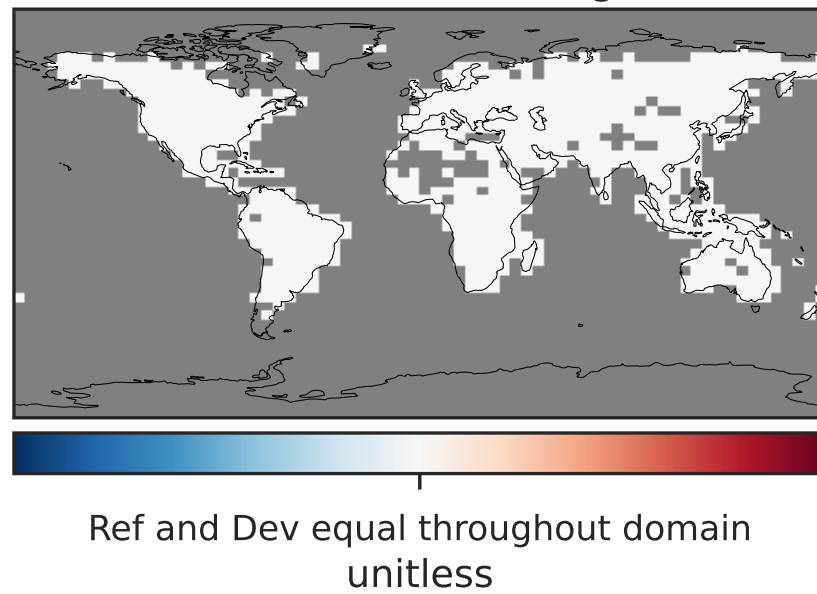
EmisC3H8_BioBurn

gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
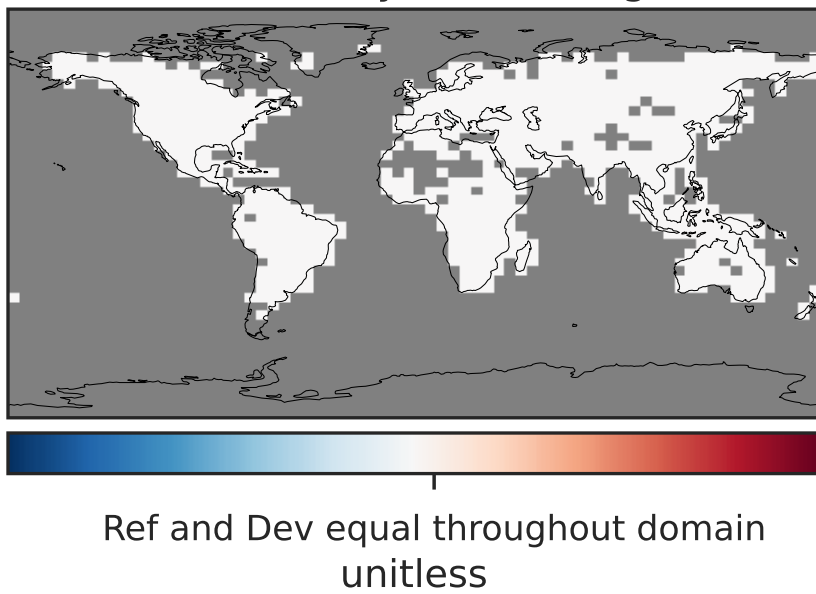4.0x5.0

gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0

kg/m2/s

kg/m2/s

Difference
Dev - Ref, Dynamic Range

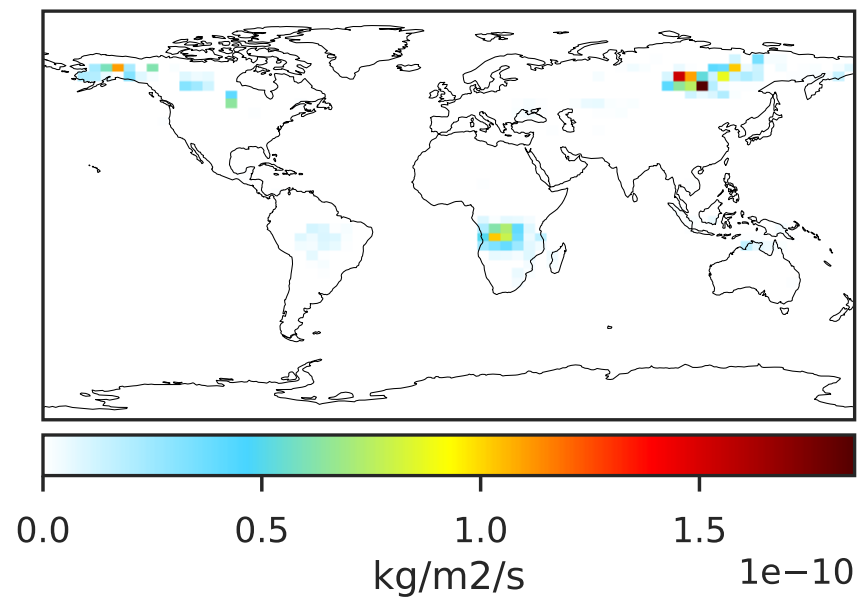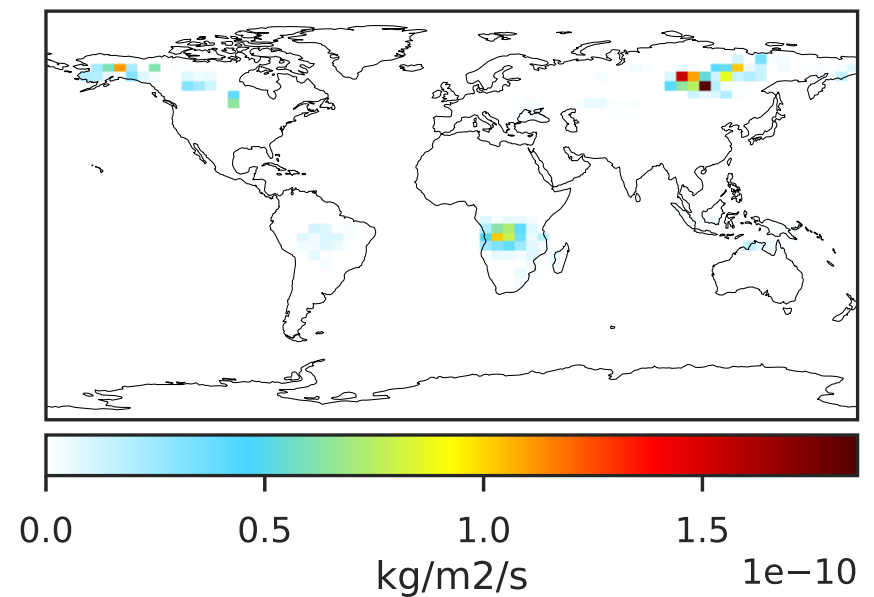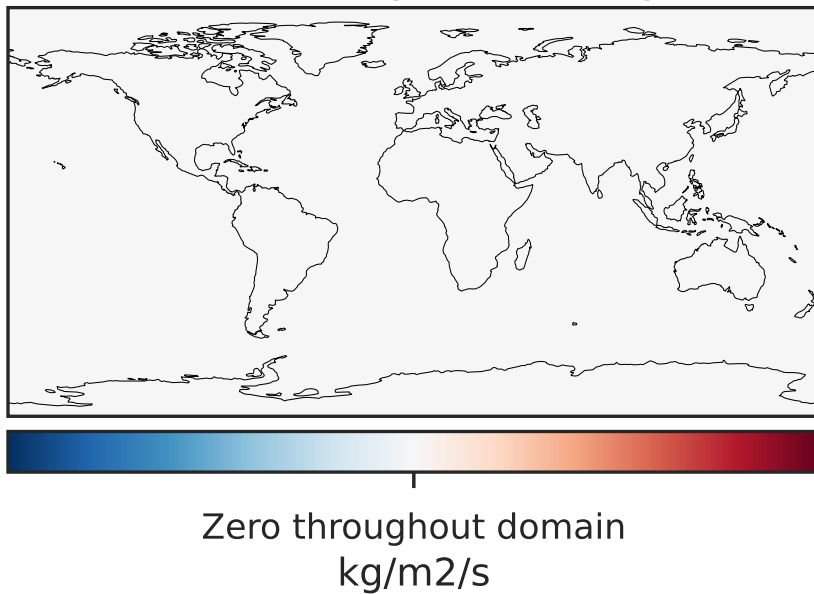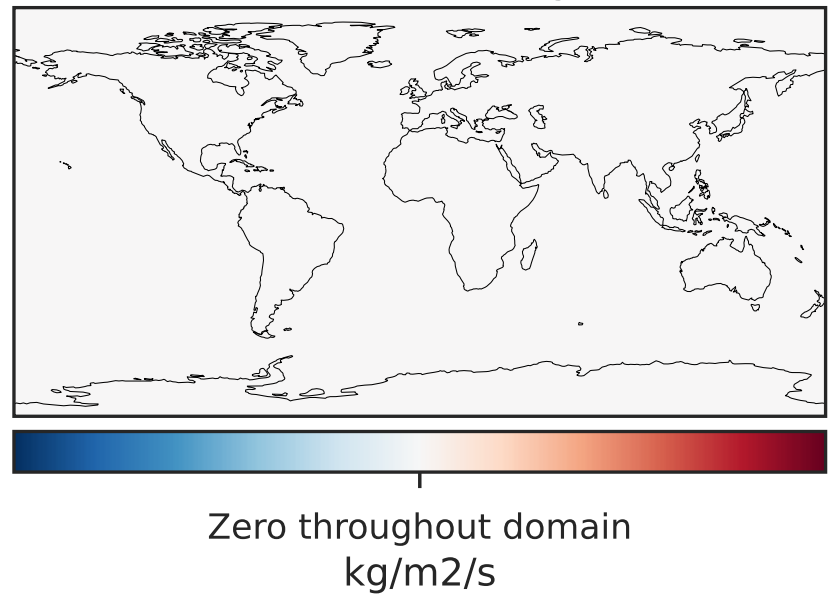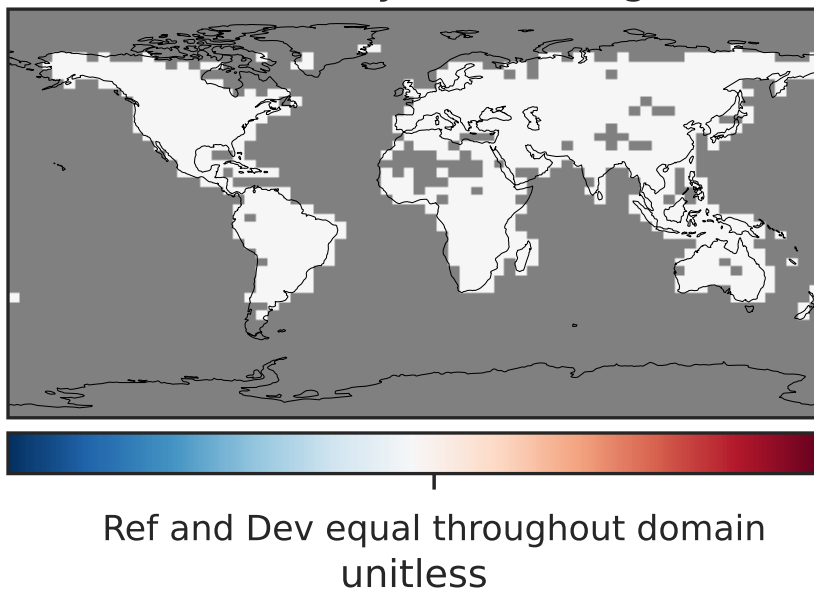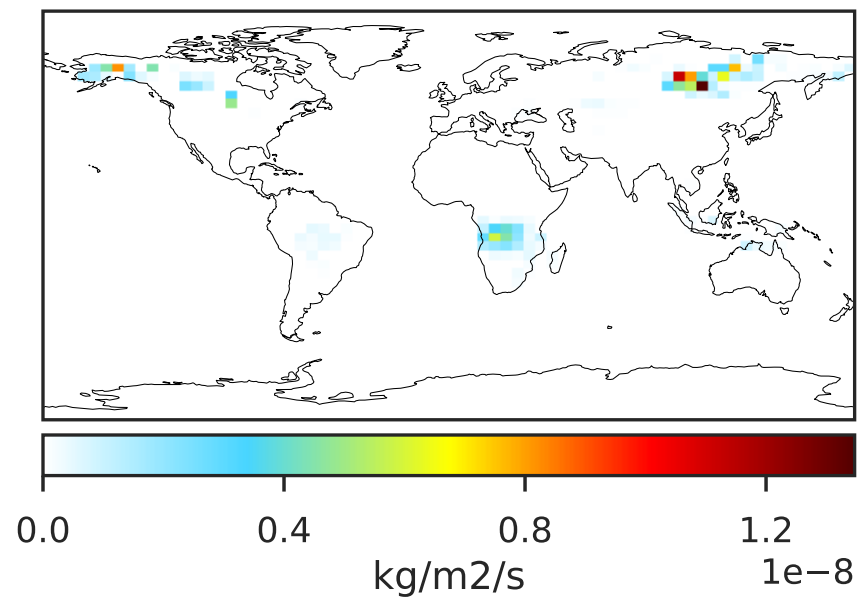Difference
Dev - Ref, Restricted Range [5%,95%]

Zero throughout domain
kg/m2/s

Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range

Ratio
Dev/Ref, Fixed Range

Ref and Dev equal throughout domain
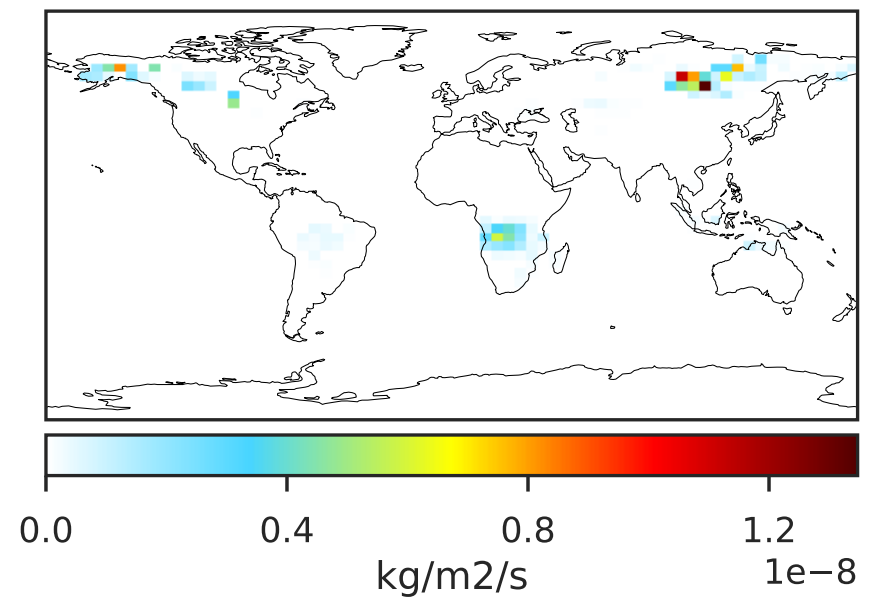unitless

Ref and Dev equal throughout domain
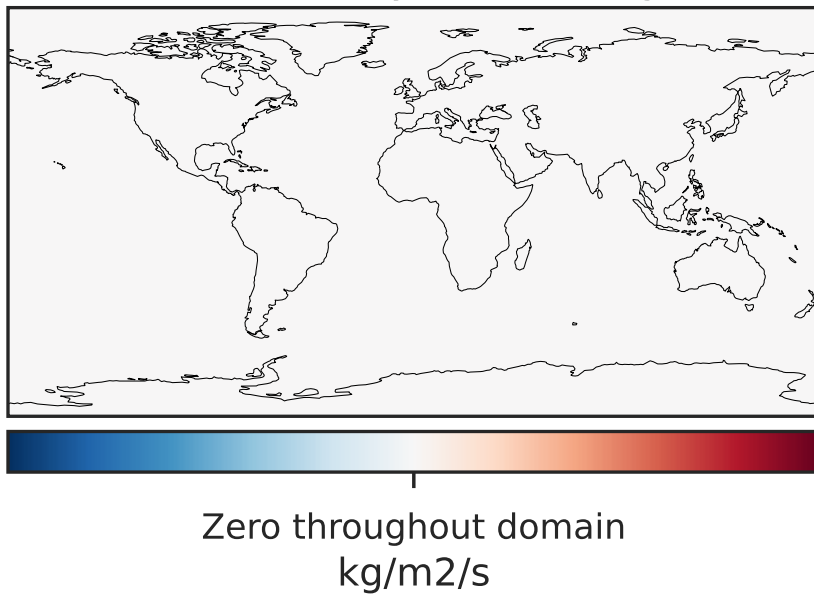unitless
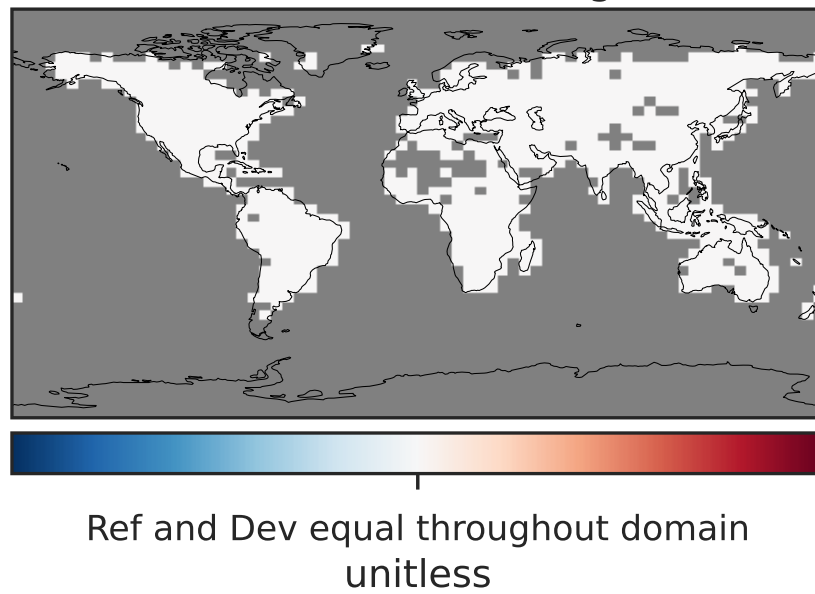
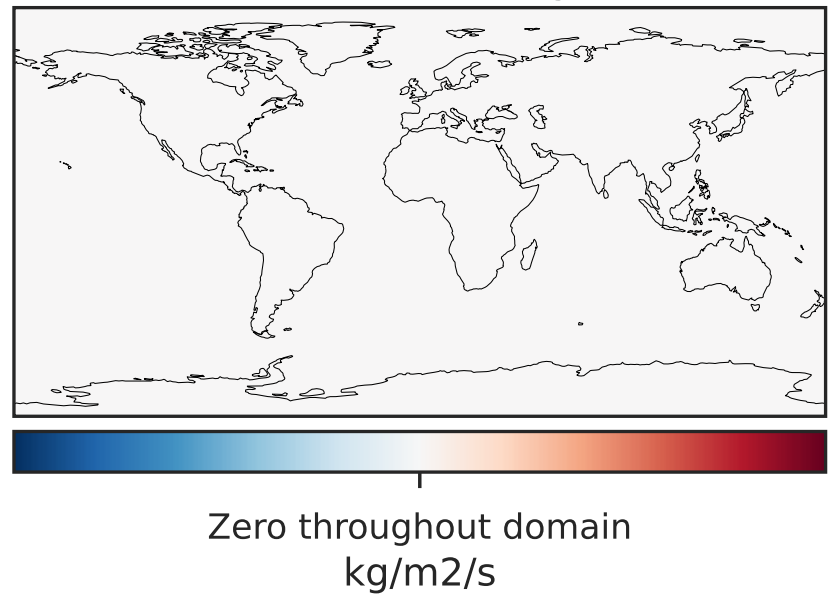# EmisCH2O_BioBurn

gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
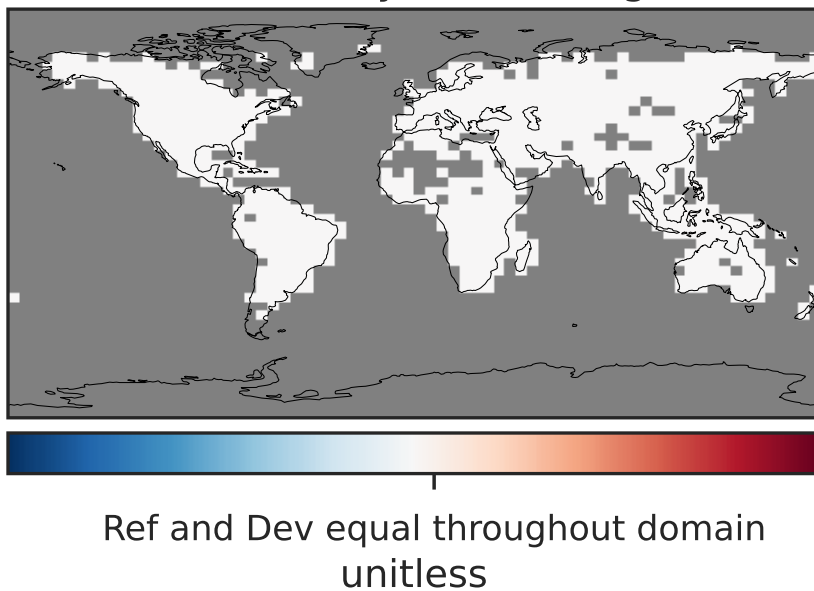4.0x5.0

gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0

kg/m2/s

kg/m2/s

Difference
Dev - Ref, Dynamic Range

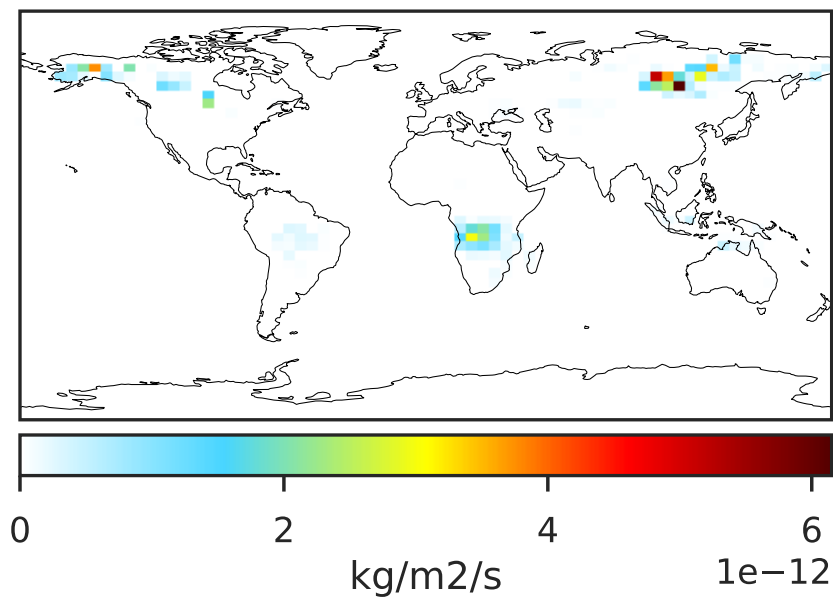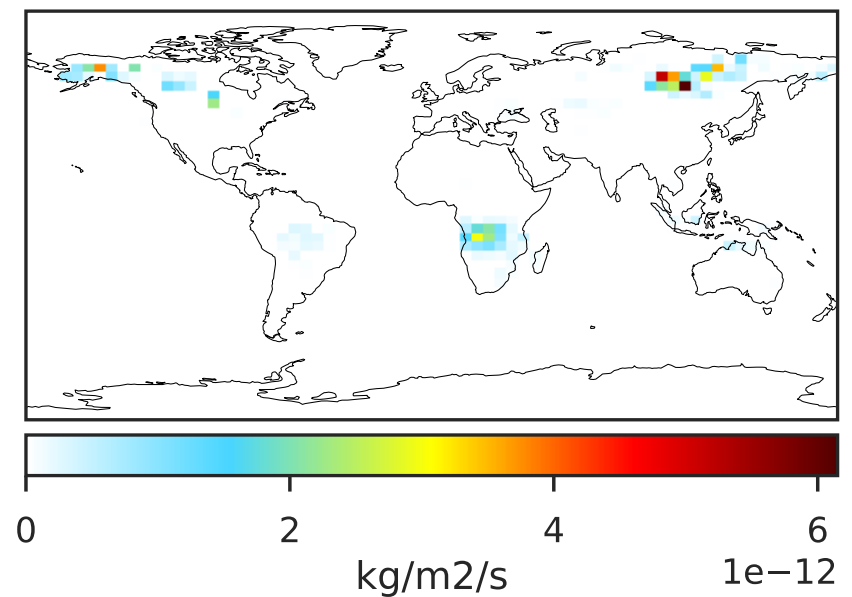Difference
Dev - Ref, Restricted Range [5%,95%]

Zero throughout domain
kg/m2/s

Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range

Ratio
Dev/Ref, Fixed Range

Ref and Dev equal throughout domain
unitless

Ref and Dev equal throughout domain
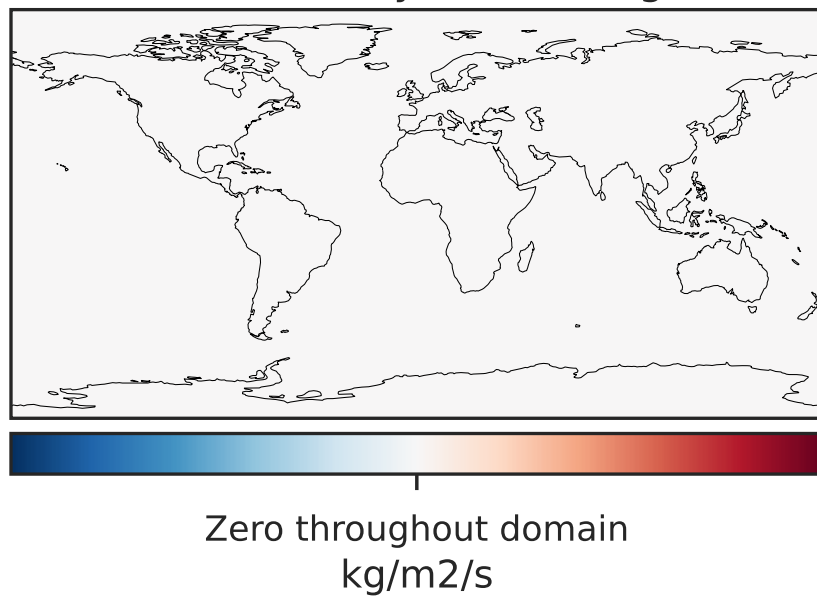unitless

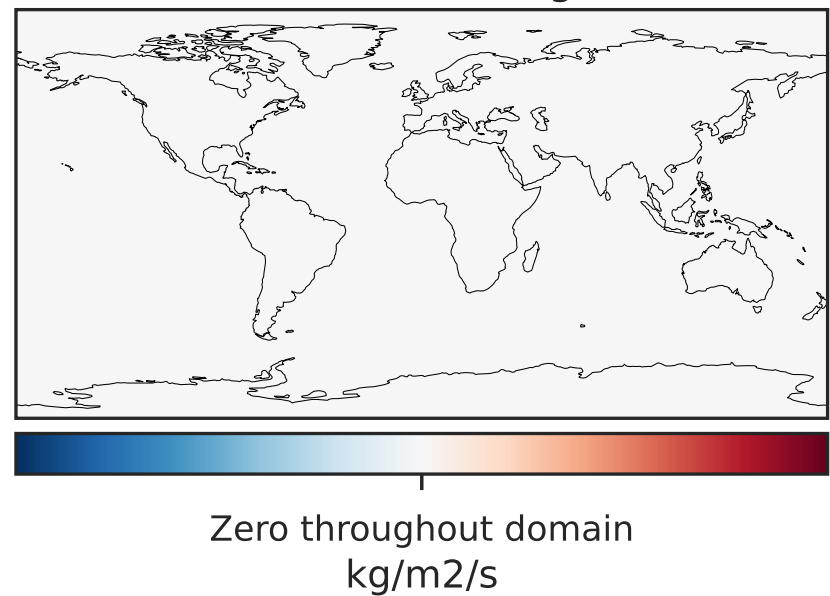# EmisCO_BioBurn

gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
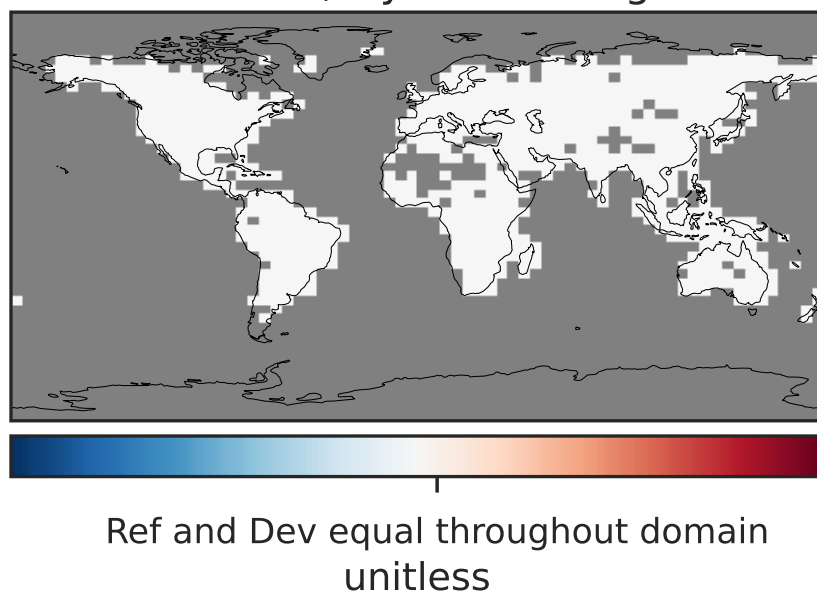4.0x5.0

gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0

kg/m2/s

kg/m2/s

Difference
Dev - Ref, Dynamic Range

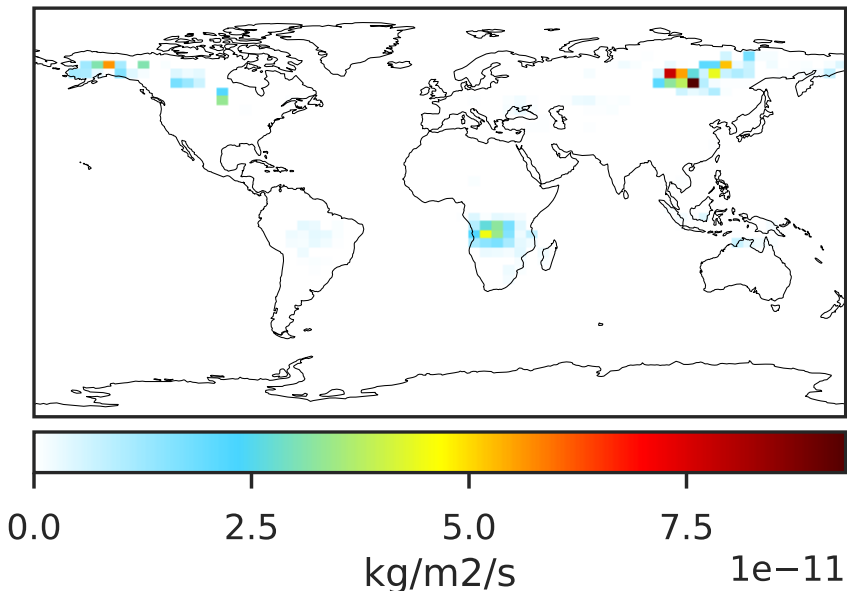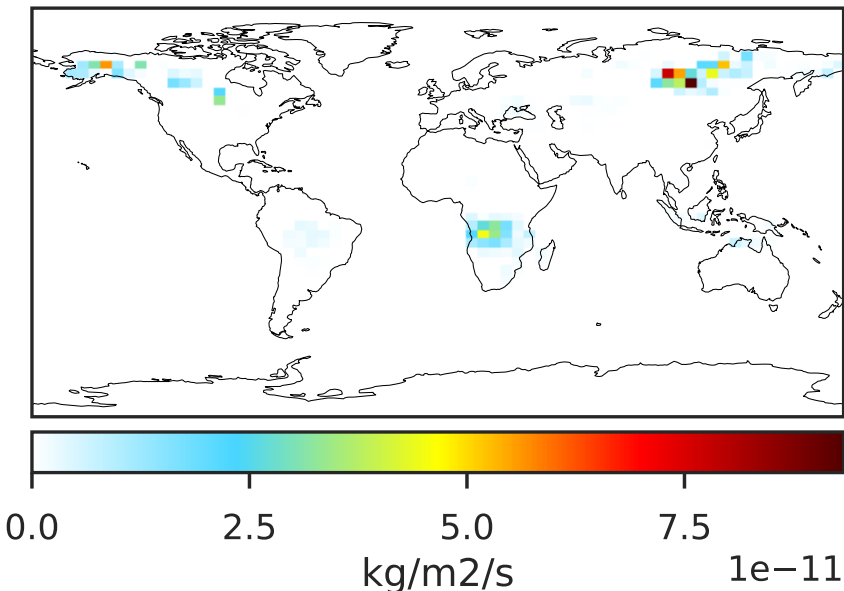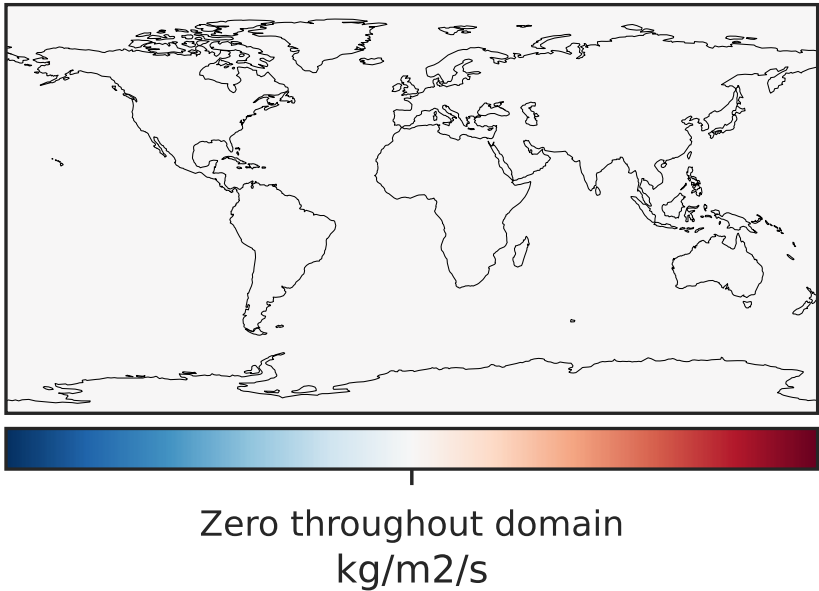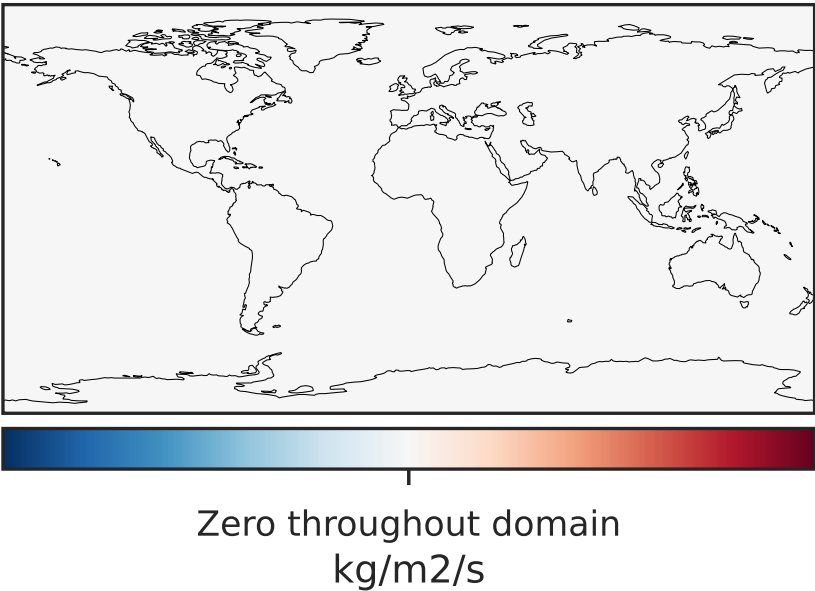Difference
Dev - Ref, Restricted Range [5%,95%]

Zero throughout domain
kg/m2/s

Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range

Ratio
Dev/Ref, Fixed Range

Ref and Dev equal throughout domain
unitless

Ref and Dev equal throughout domain
unitless
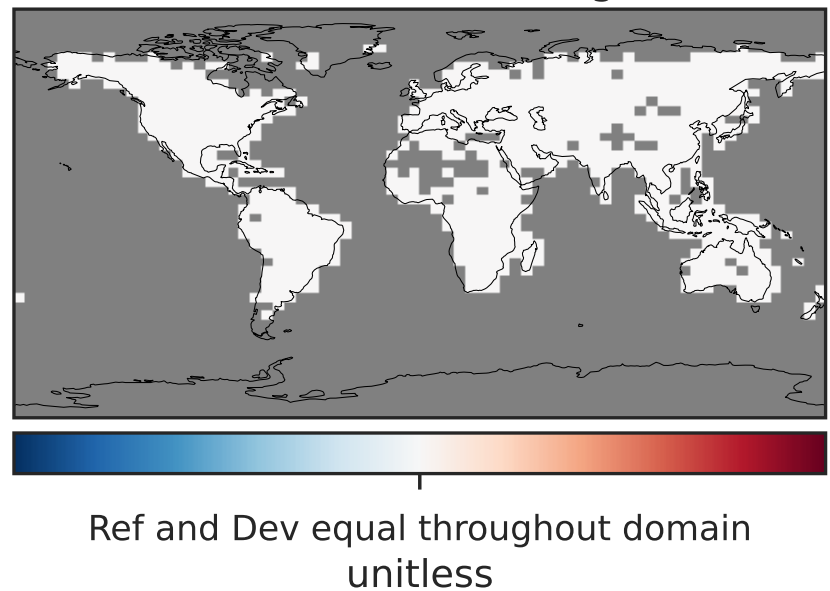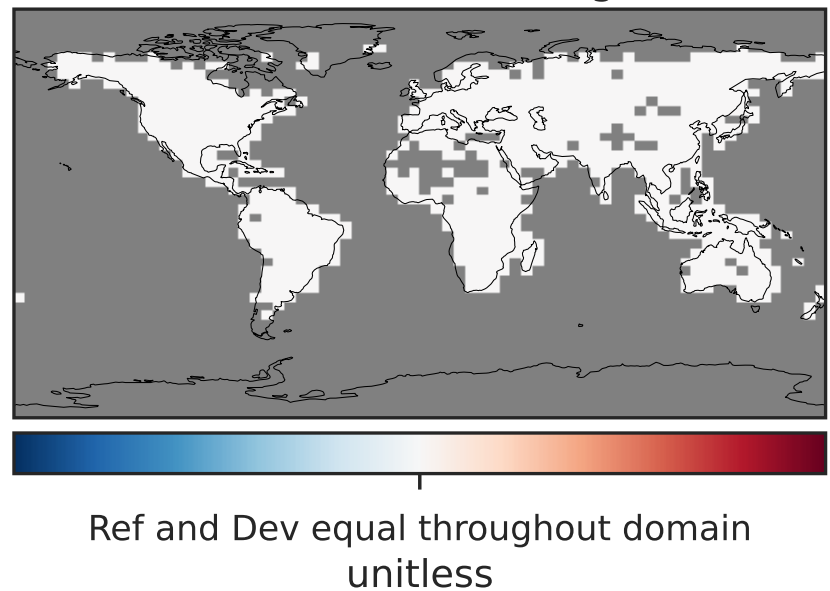
EmisEOH_BioBurn

gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
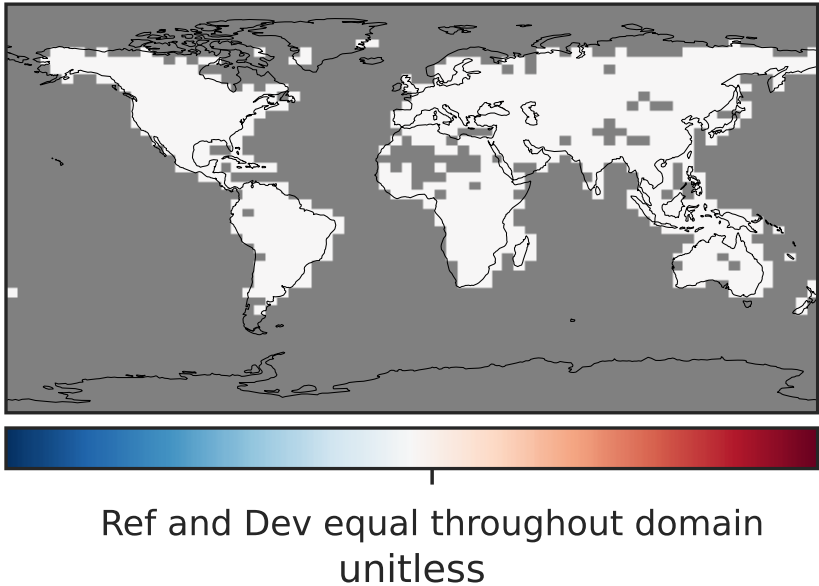4.0x5.0

gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0

kg/m2/s   1e−12

kg/m2/s   1e−12

Difference
Dev - Ref, Dynamic Range

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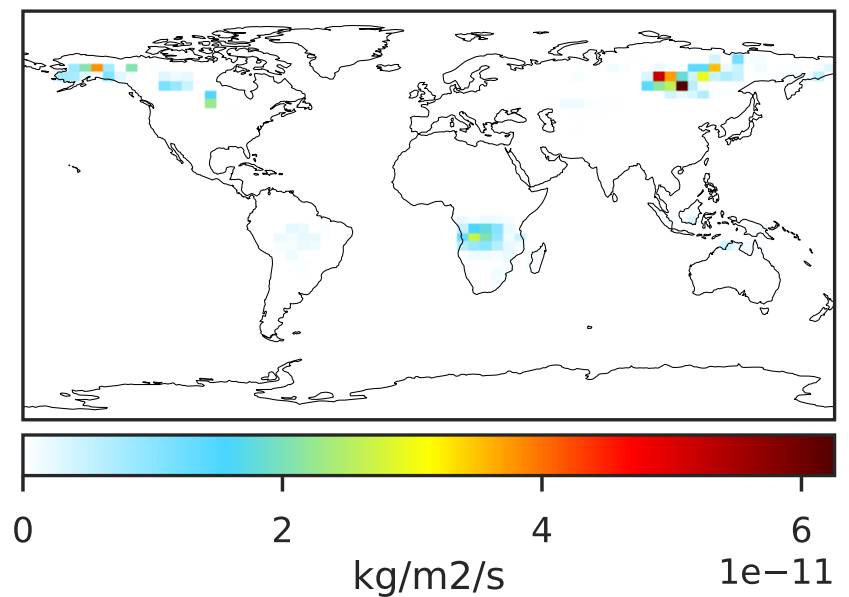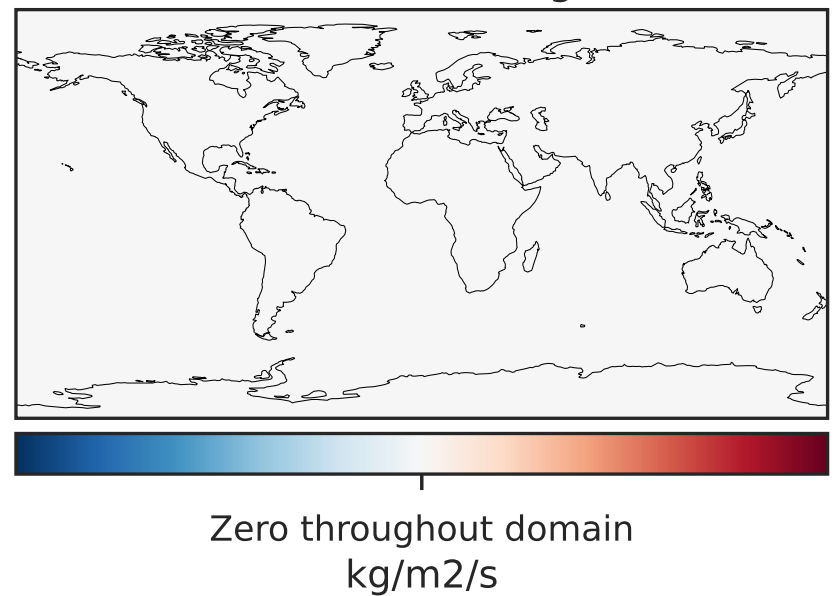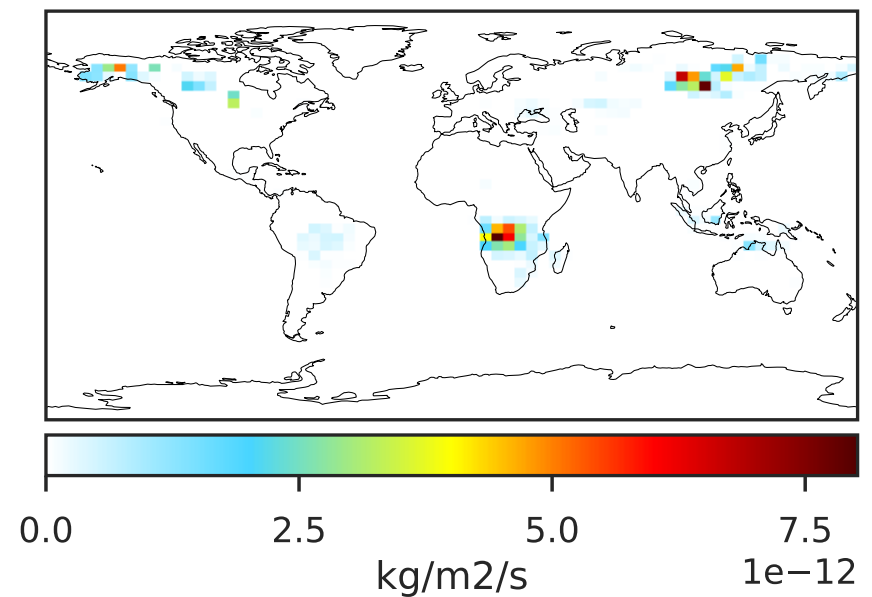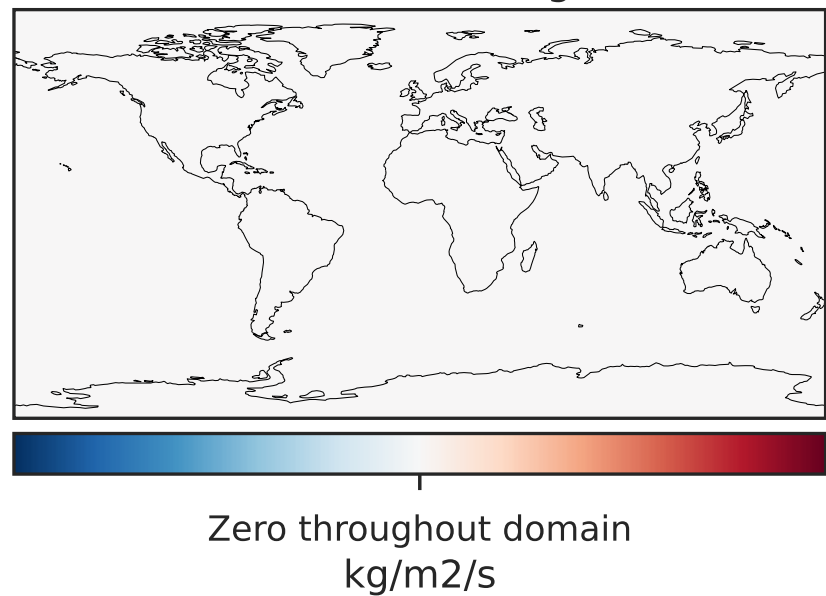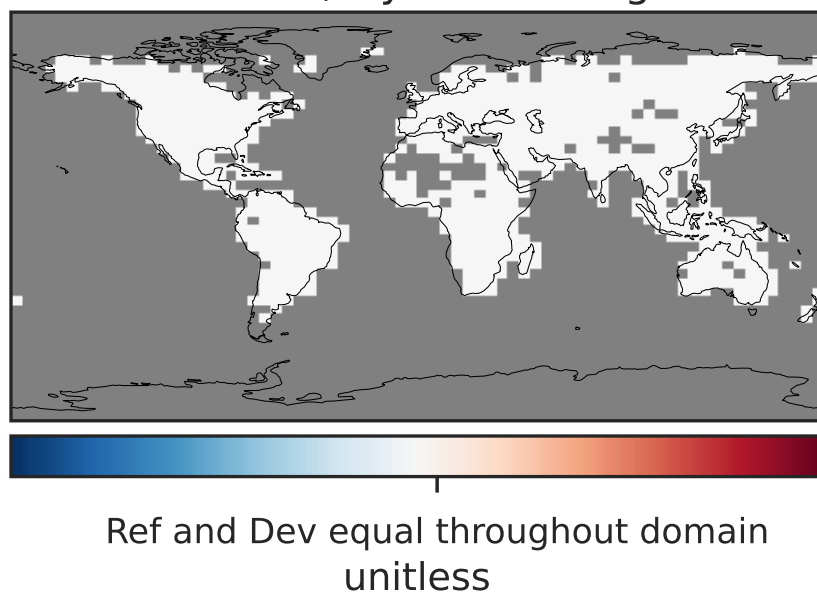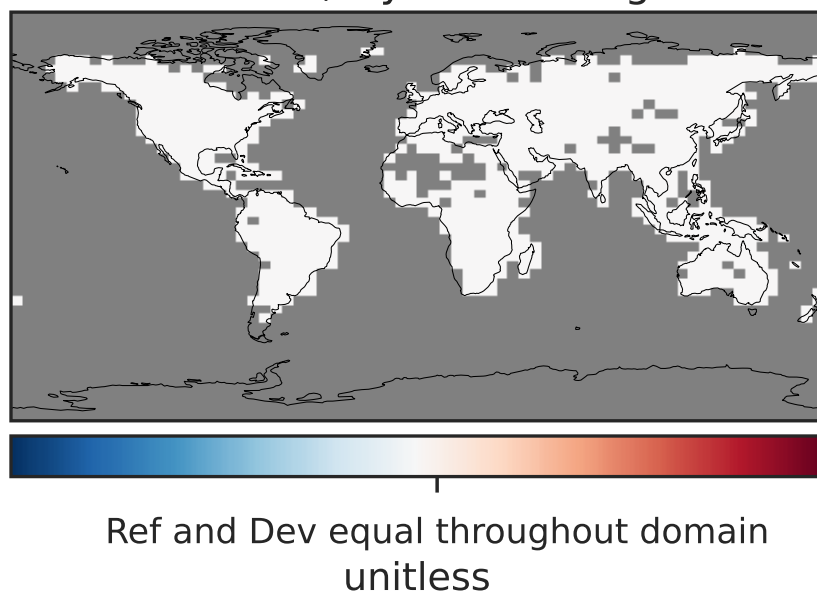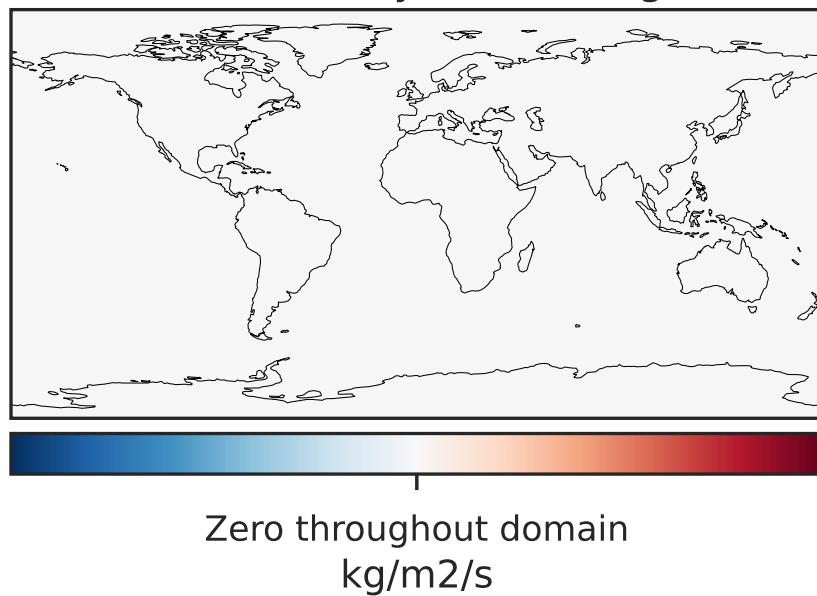Dev - Ref, Restricted Range [5%,95%]

Zero throughout domain
kg/m2/s

Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range

Ratio
Dev/Ref, Fixed Range

Ref and Dev equal throughout domain
unitless

Ref and Dev equal throughout domain
unitless
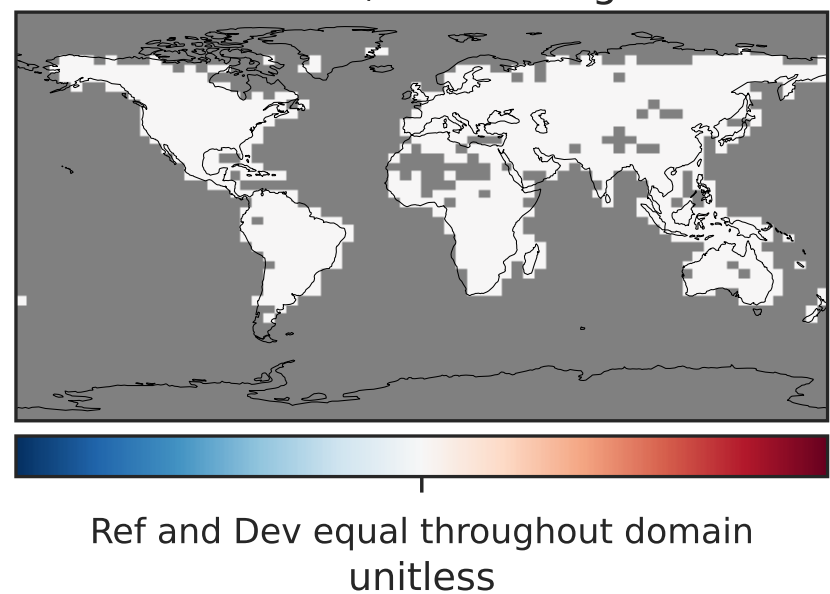
EmisFURA_BioBurn

gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0

kg/m2/s

gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0

kg/m2/s

Difference
Dev - Ref, Dynamic Range

Zero throughout domain
kg/m2/s

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

Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range

Ref and Dev equal throughout domain
unitless

Ratio
Dev/Ref, Fixed Range

Ref and Dev equal throughout domain
unitless
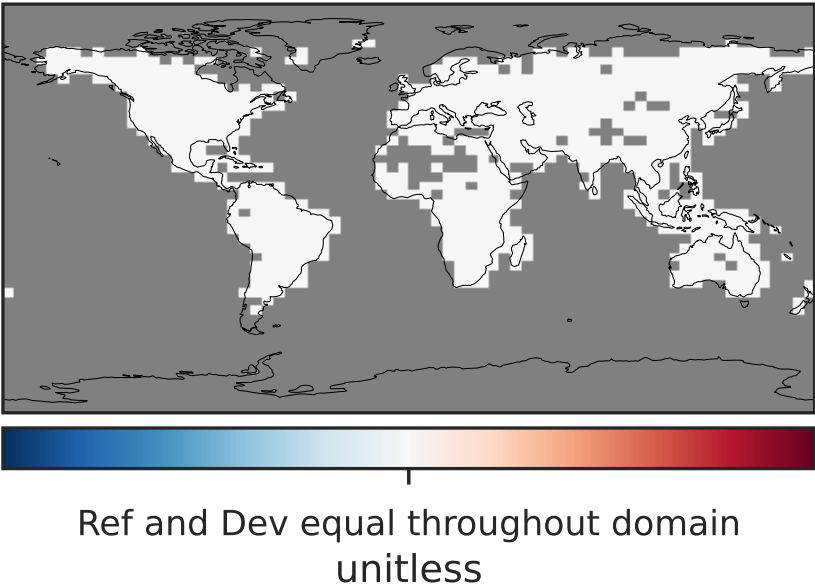
EmisGLYX_BioBurn

gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0
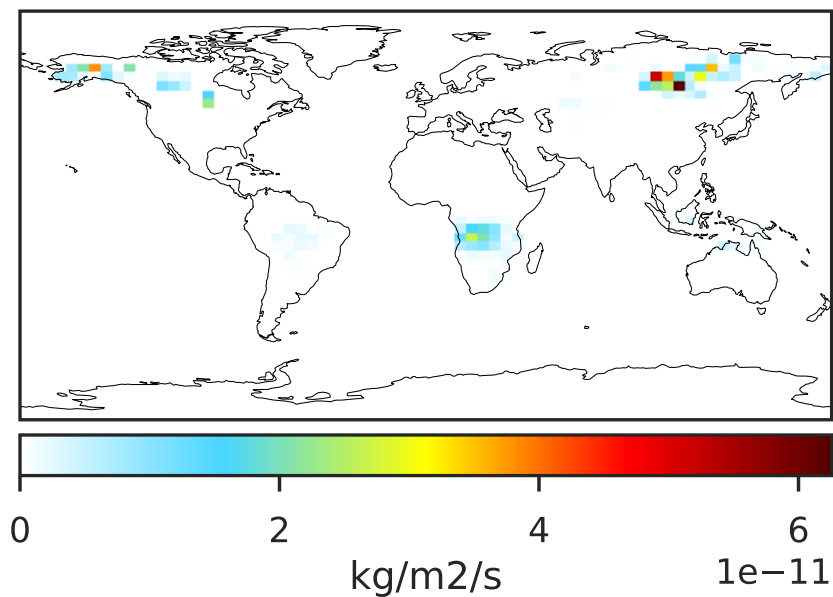
gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0

kg/m2/s   1e−11

kg/m2/s   1e−11

Difference
Dev - Ref, Dynamic Range

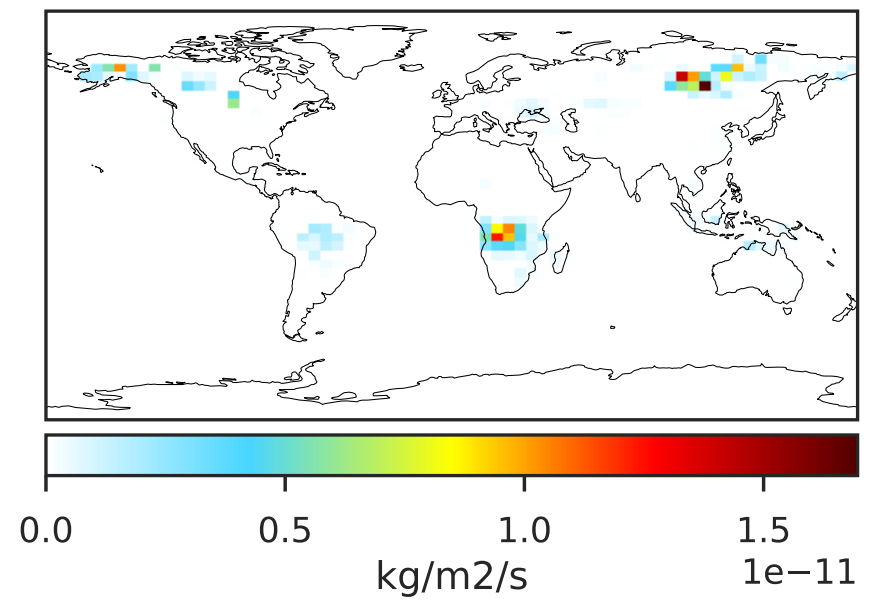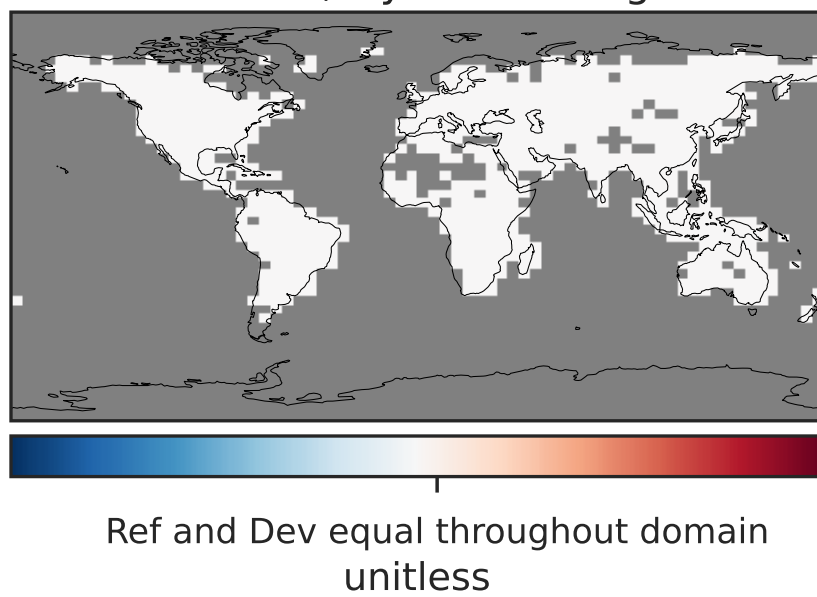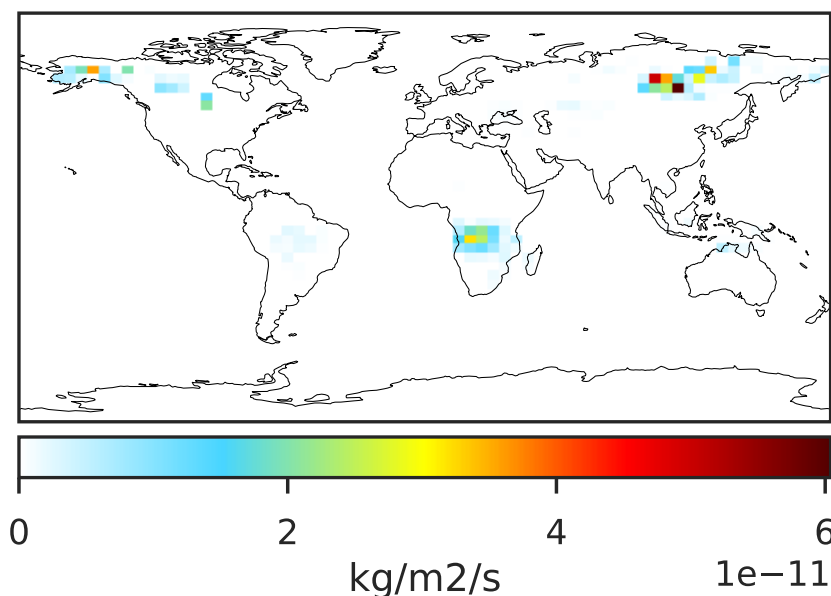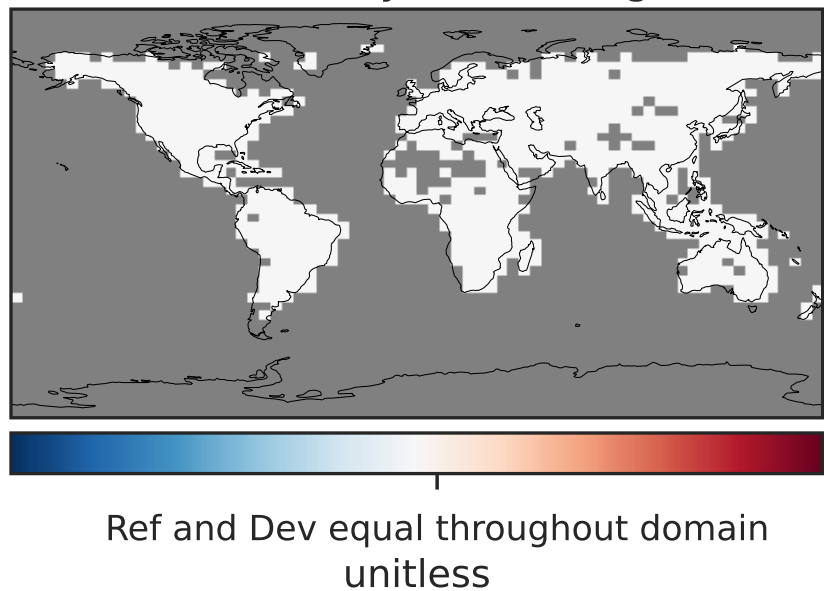Difference
Dev - Ref, Restricted Range [5%,95%]

Zero throughout domain
kg/m2/s

Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range

Ratio
Dev/Ref, Fixed Range

Ref and Dev equal throughout domain
unitless

Ref and Dev equal throughout domain
unitless
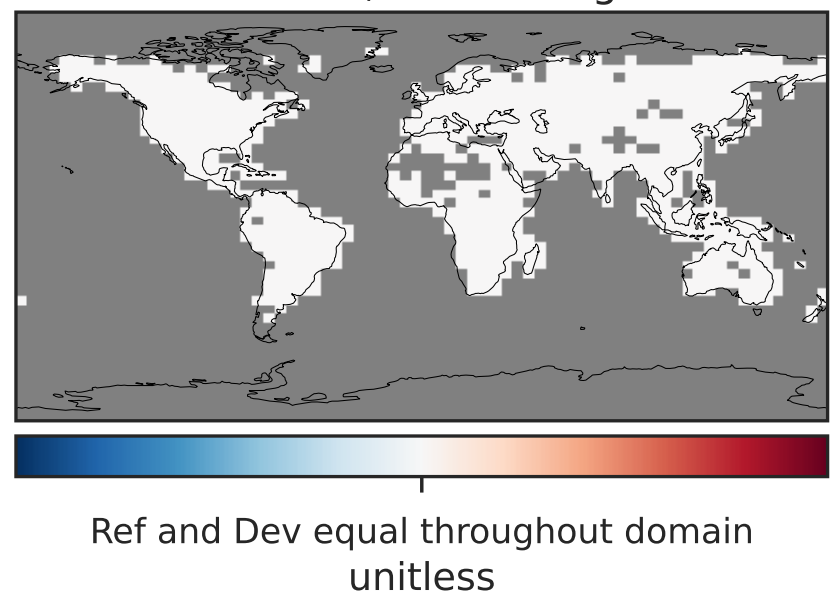
EmisISOP_BioBurn
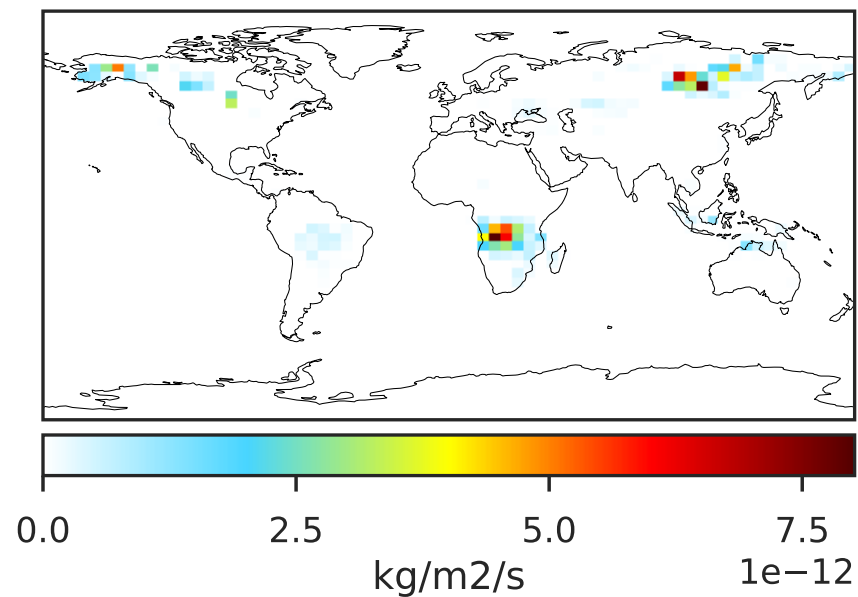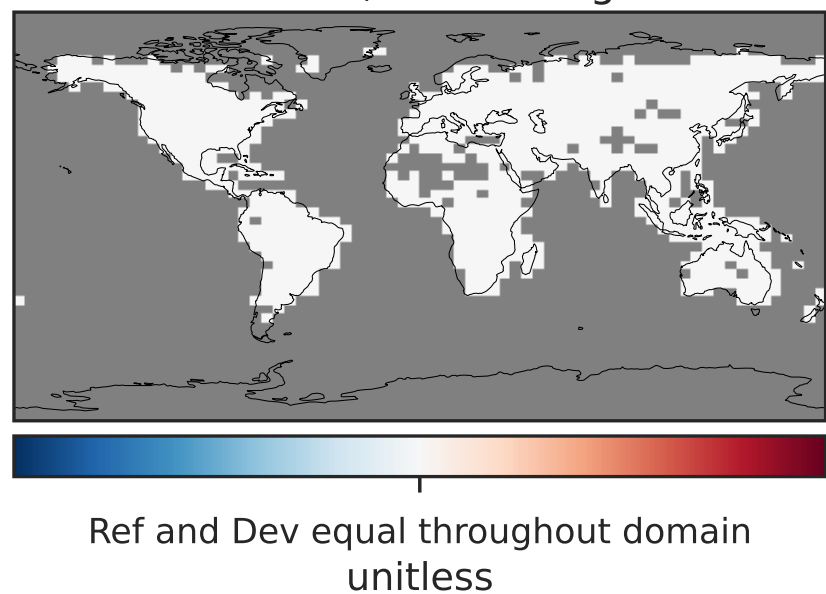
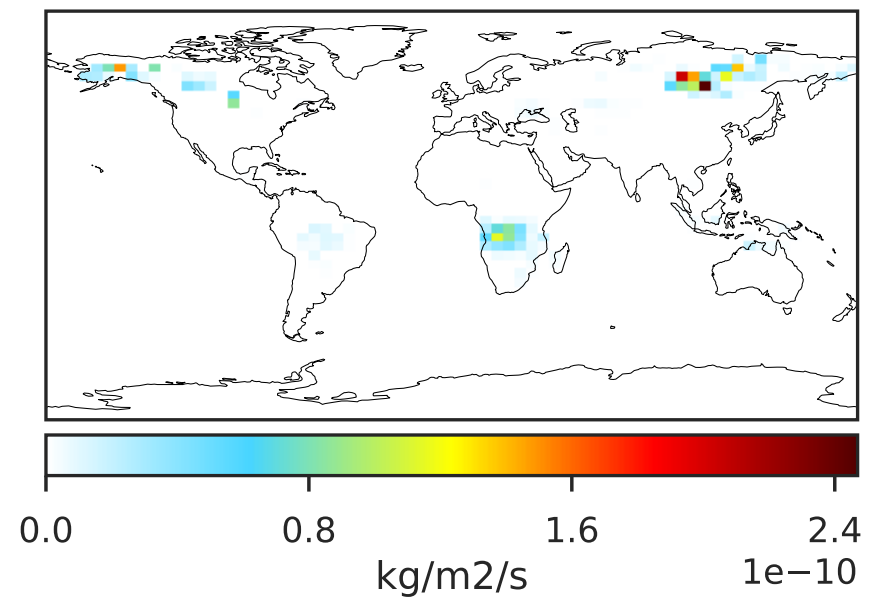# EmisMEK_BioBurn

gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
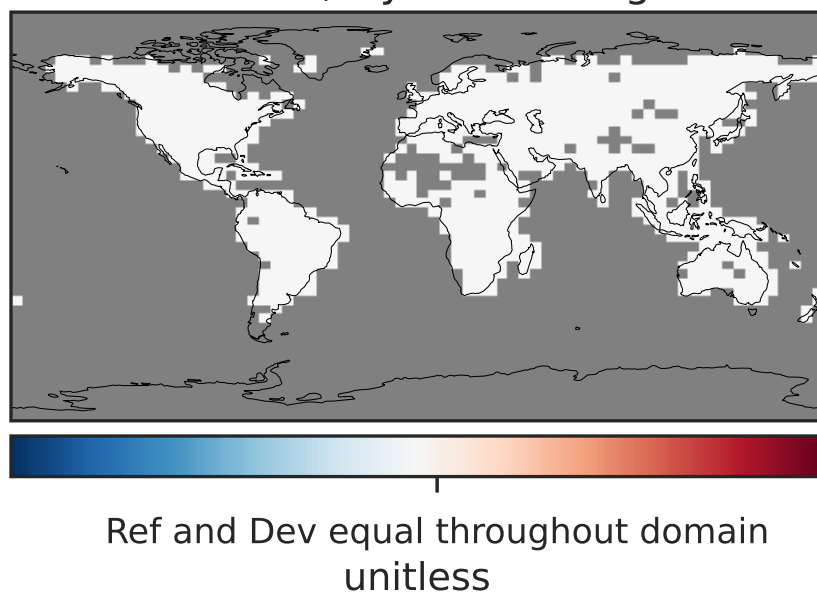4.0x5.0

gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0

kg/m2/s
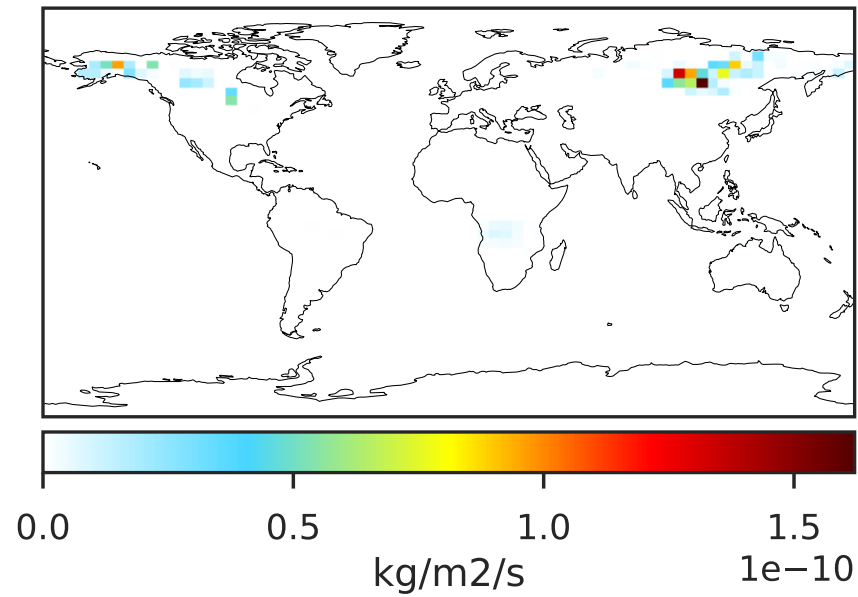1e−11

kg/m2/s
1e−11

Difference
Dev - Ref, Dynamic Range

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

Zero throughout domain
kg/m2/s

Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range

Ratio
Dev/Ref, Fixed Range

Ref and Dev equal throughout domain
unitless

Ref and Dev equal throughout domain
unitless

EmisMGLY_BioBurn

EmisMOH_BioBurn
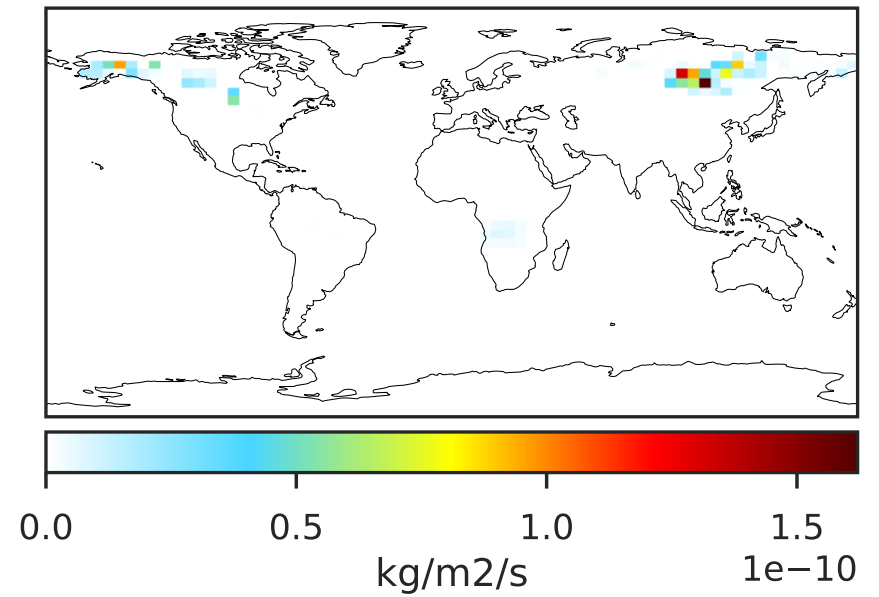
EmisMTPA_BioBurn

EmisMVK_BioBurn

gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0

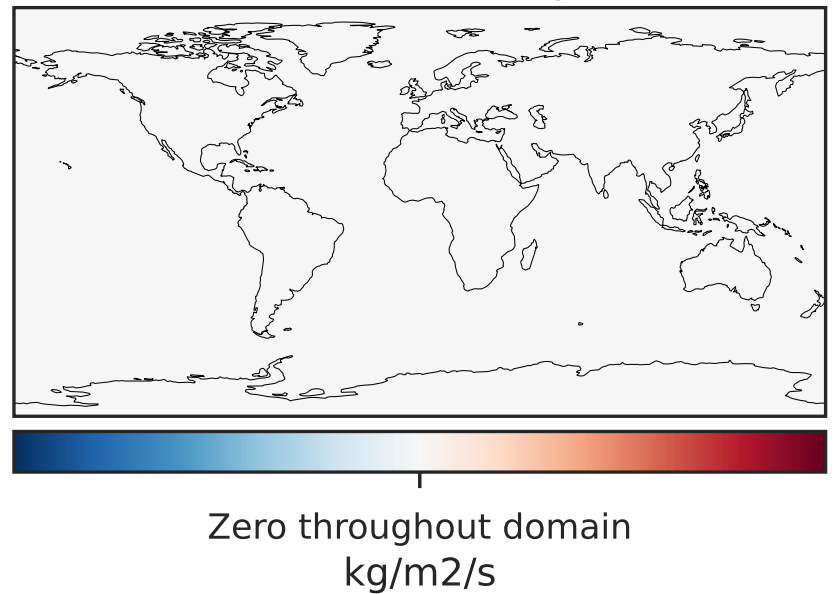gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0

kg/m2/s

kg/m2/s

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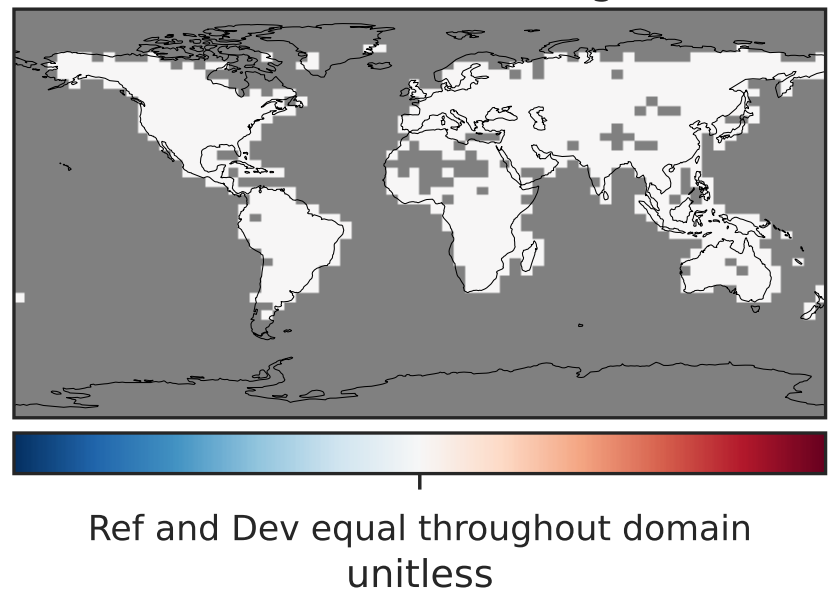Dev - Ref, Dynamic Range
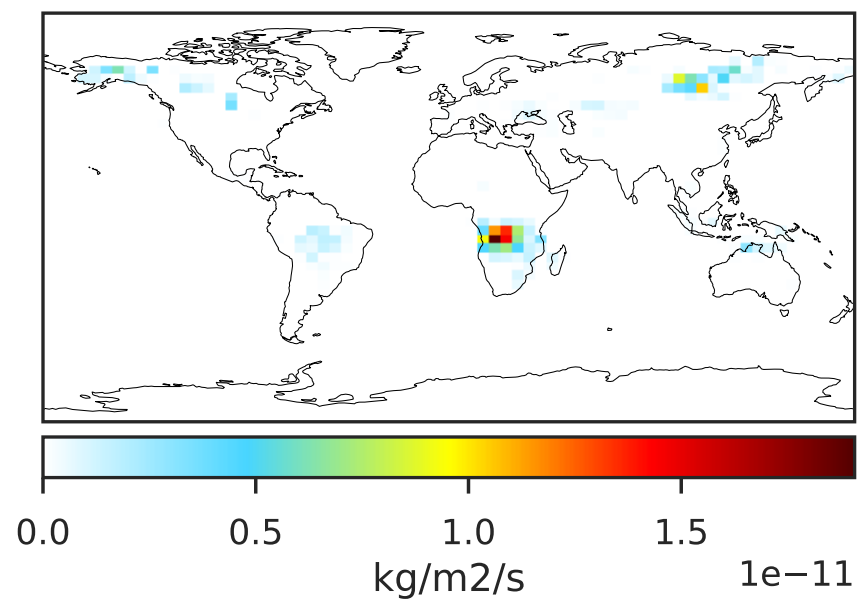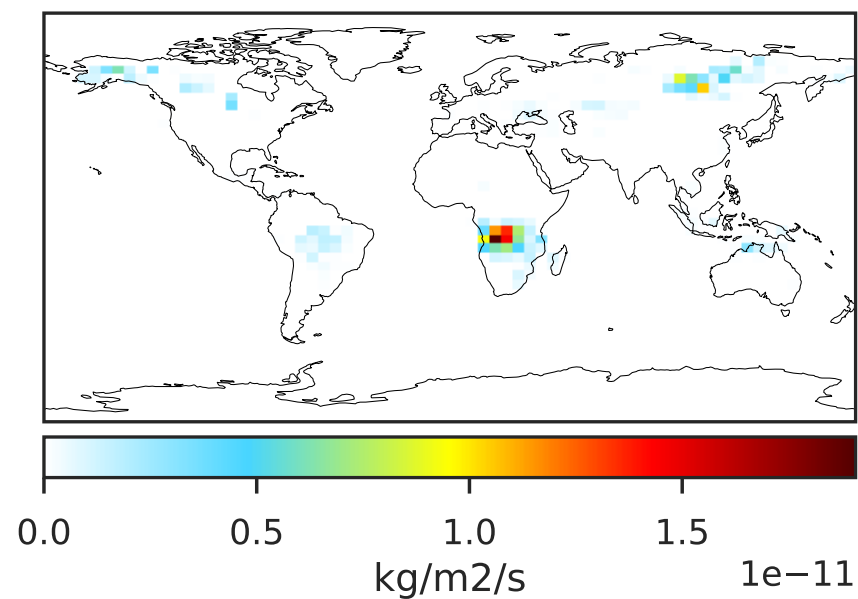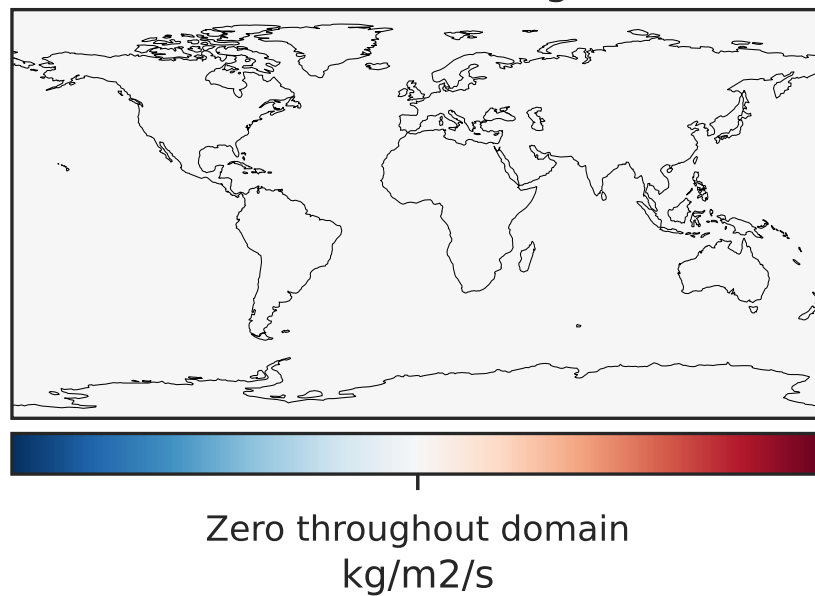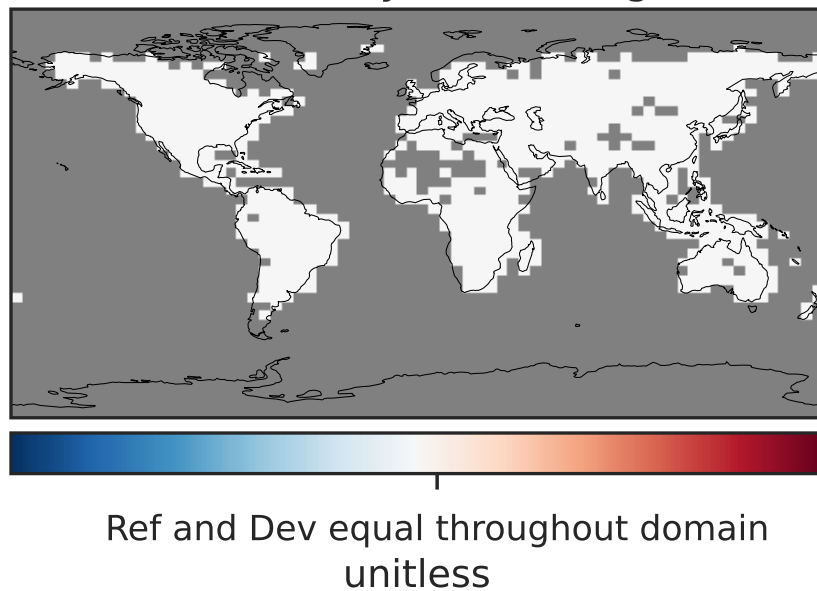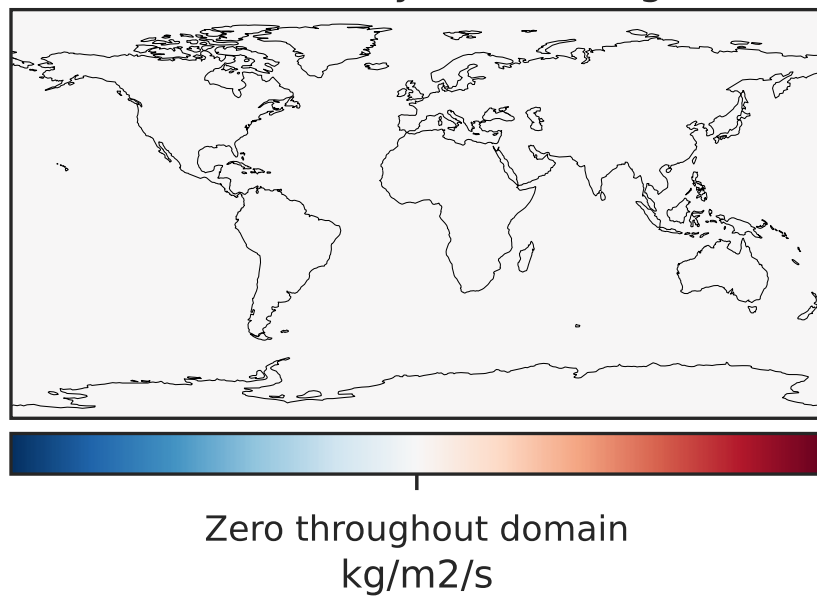
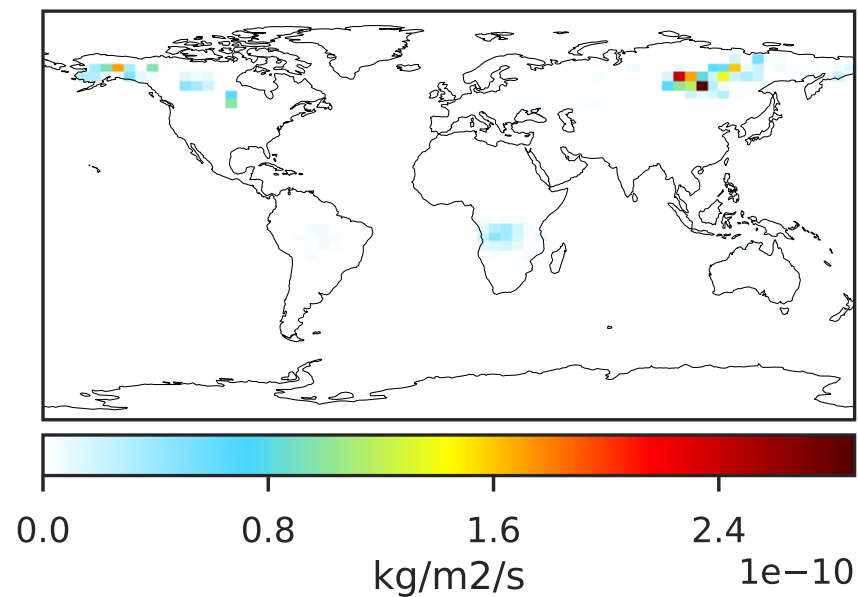Difference
Dev - Ref, Restricted Range [5%,95%]

Zero throughout domain
kg/m2/s

Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range

Ratio
Dev/Ref, Fixed Range

Ref and Dev equal throughout domain
unitless

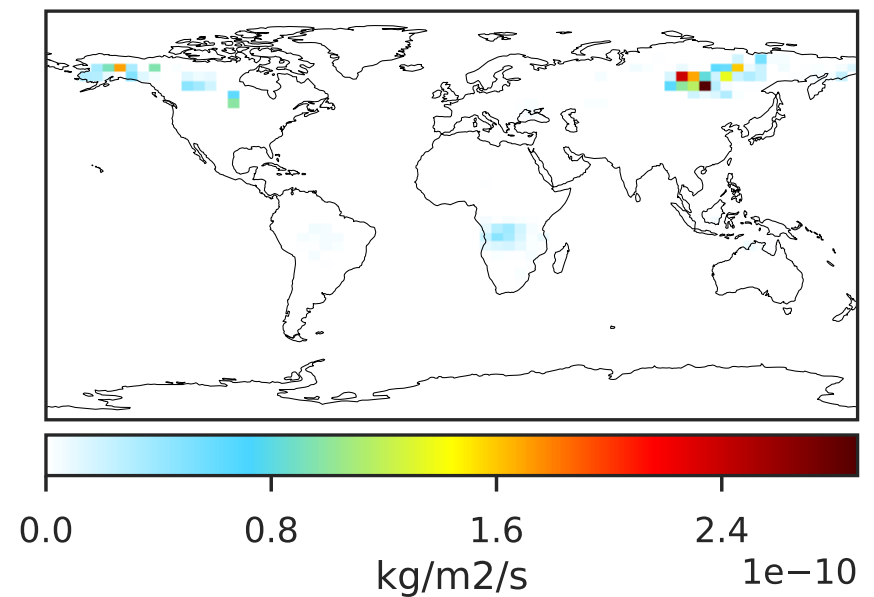Ref and Dev equal throughout domain
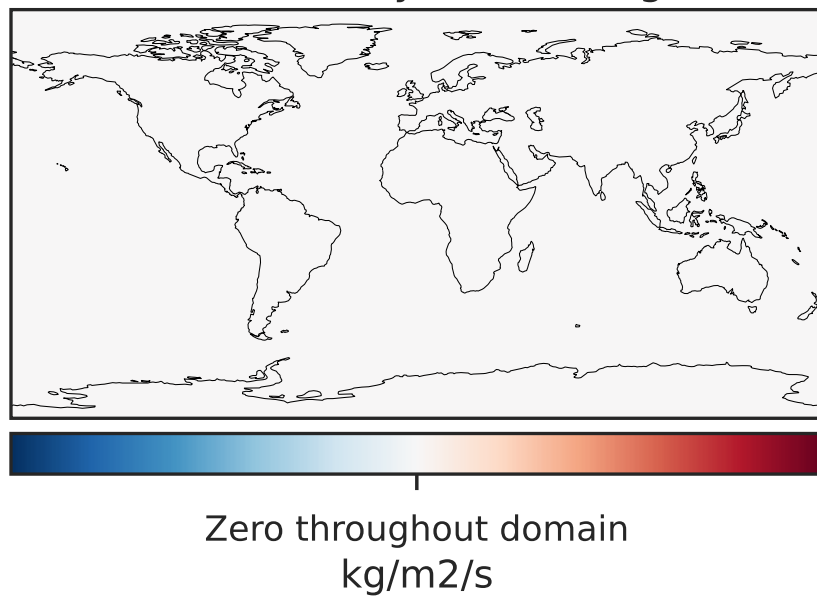unitless

EmisNH3_BioBurn

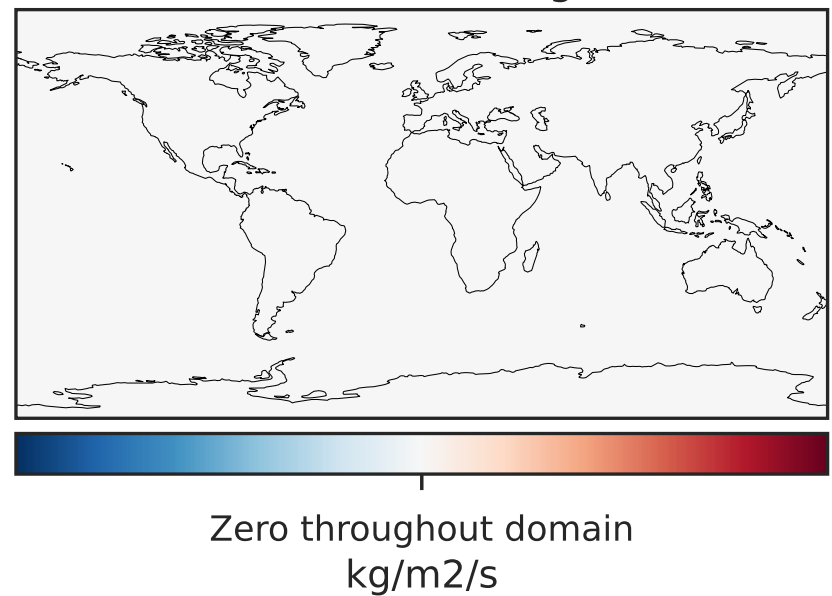# EmisNO_BioBurn

gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0

gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0

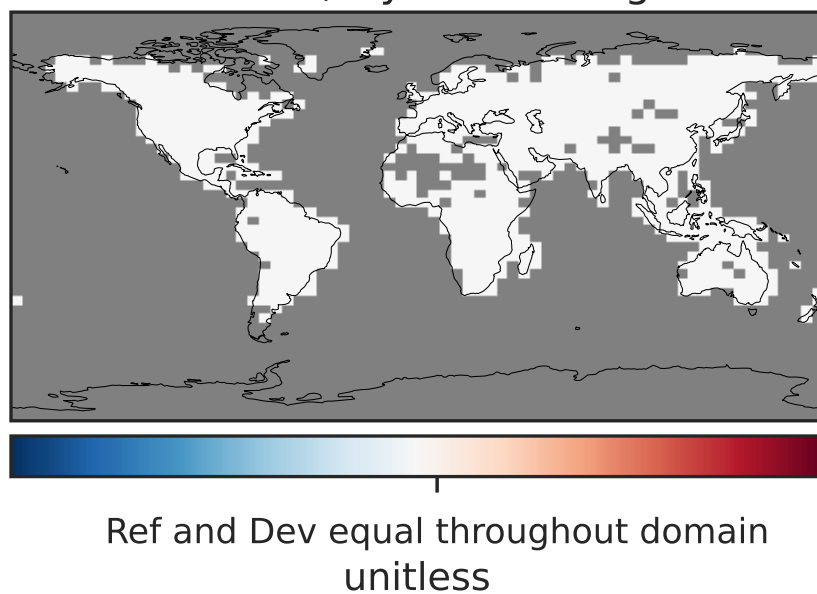kg/m2/s

kg/m2/s

Difference
Dev - Ref, Dynamic Range

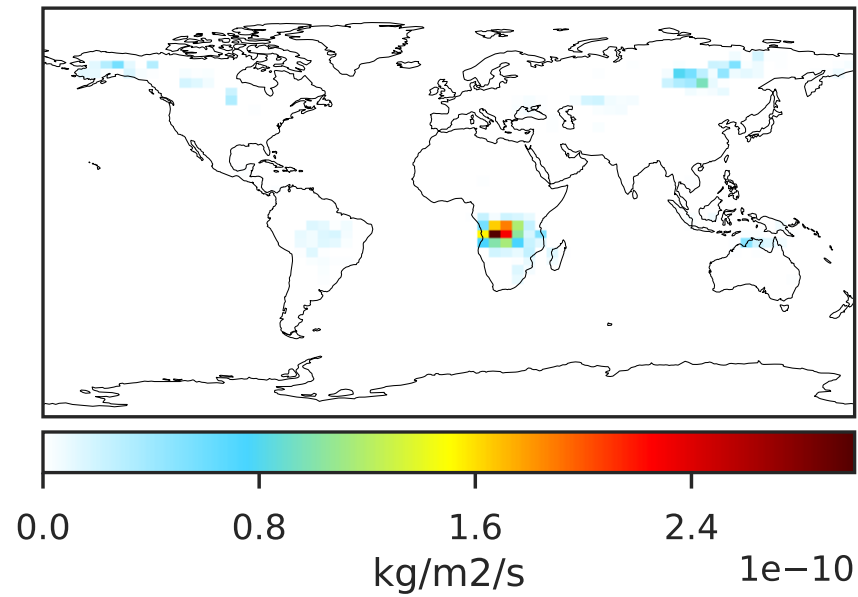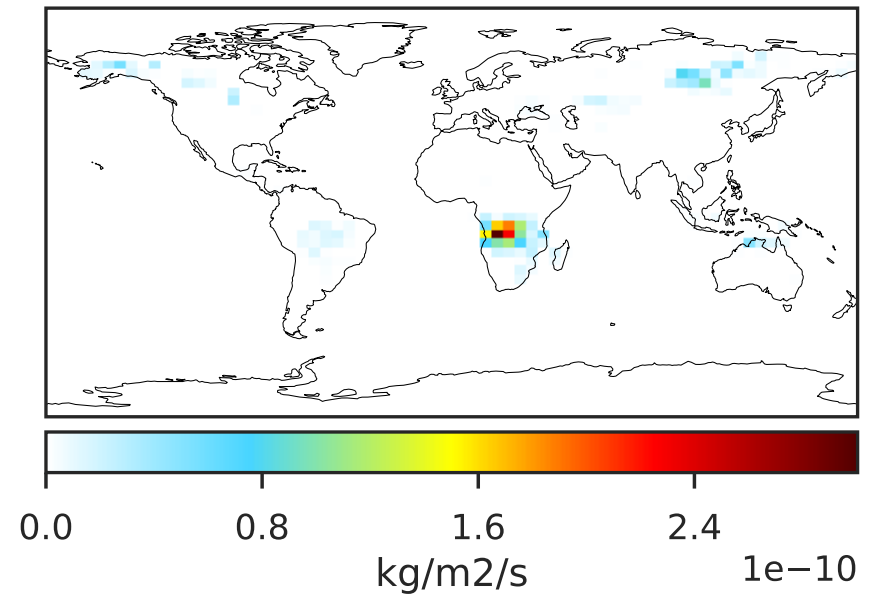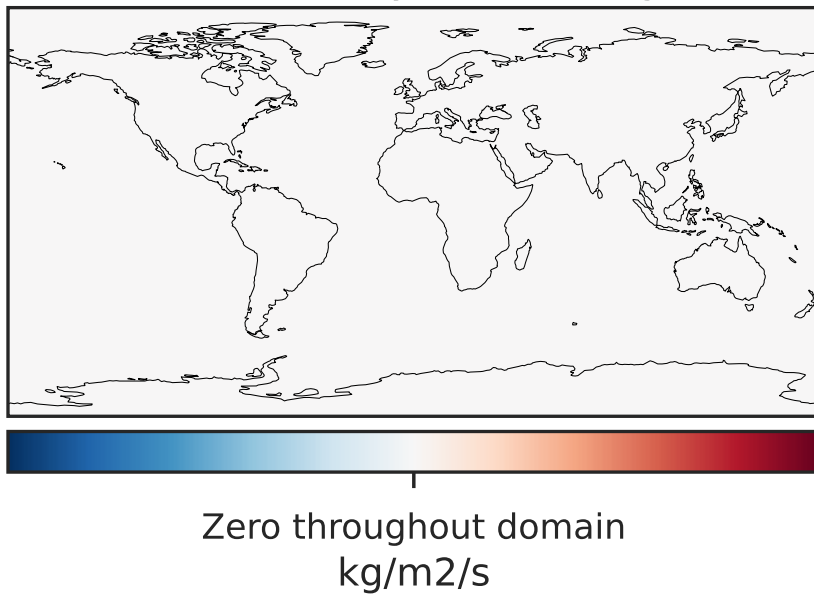Difference
Dev - Ref, Restricted Range [5%,95%]

Zero throughout domain
kg/m2/s

Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range

Ratio
Dev/Ref, Fixed Range

Ref and Dev equal throughout domain
unitless

Ref and Dev equal throughout domain
unitless

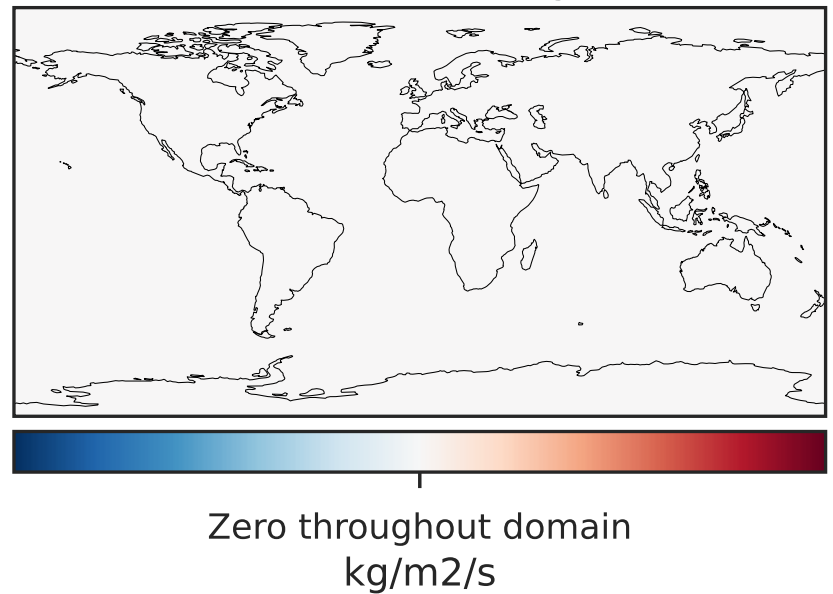# EmisOCPI_BioBurn

gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
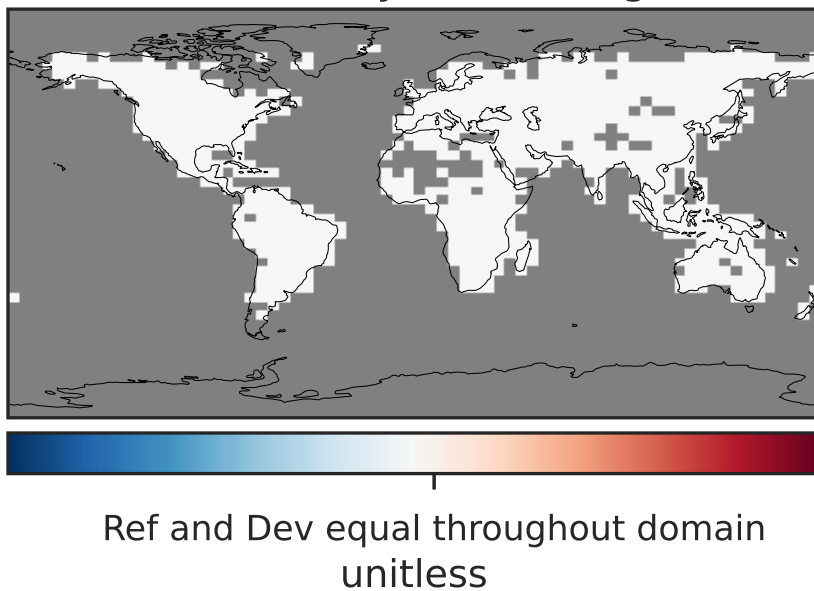4.0x5.0

gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0

kg/m2/s

kg/m2/s

Difference
Dev - Ref, Dynamic Range

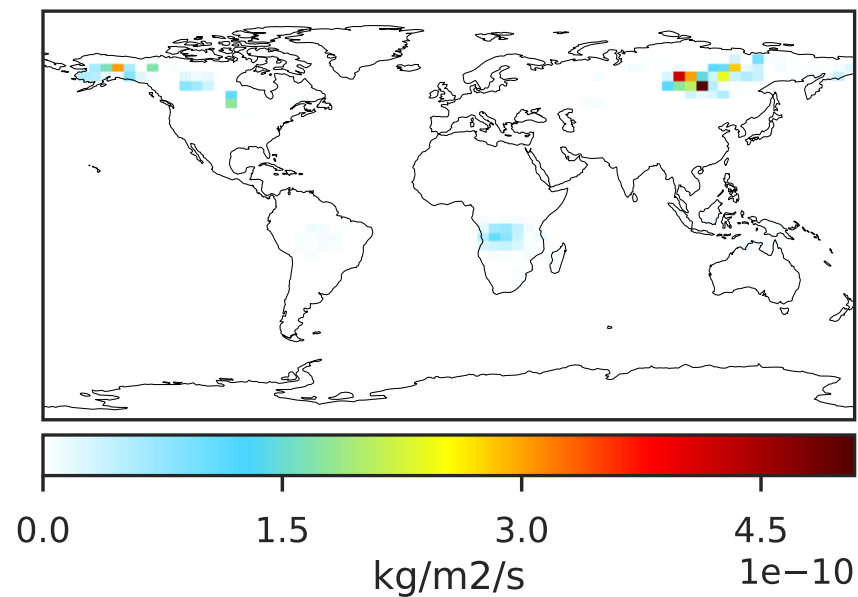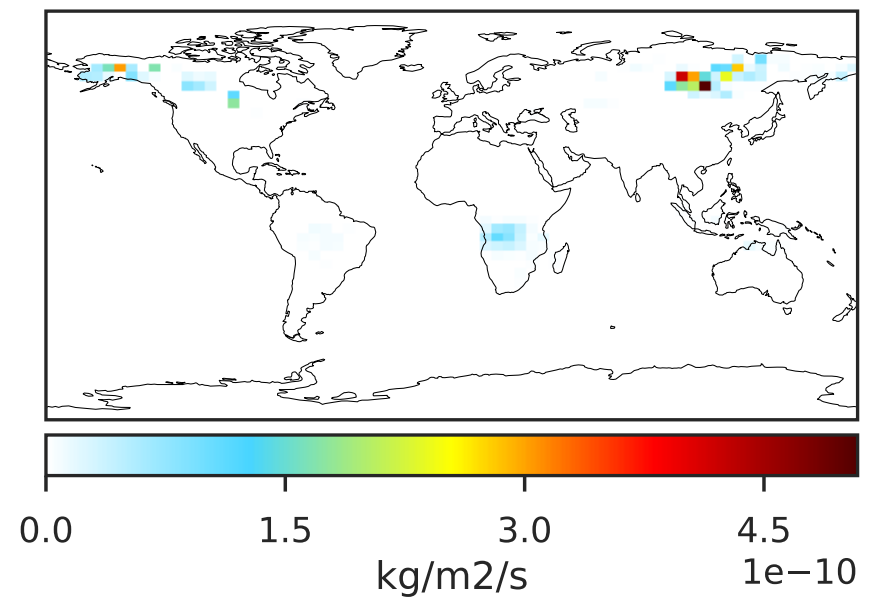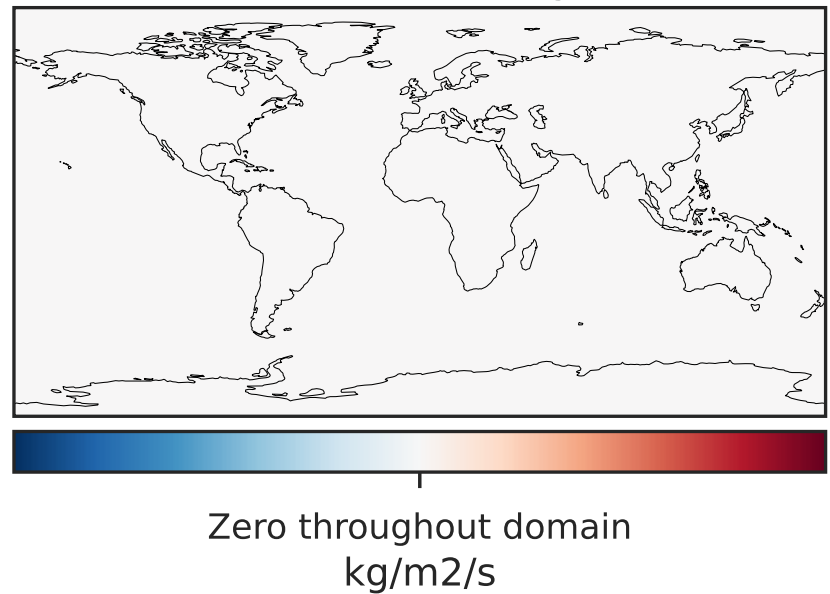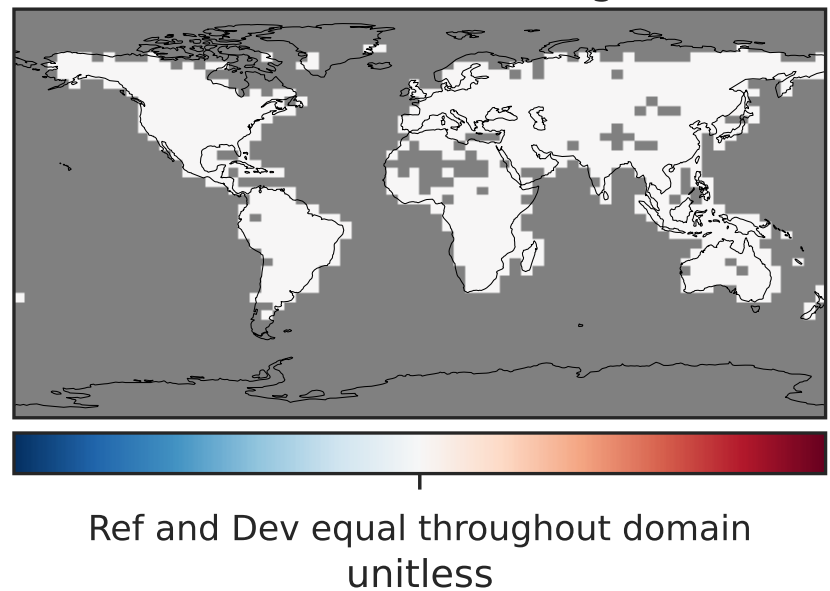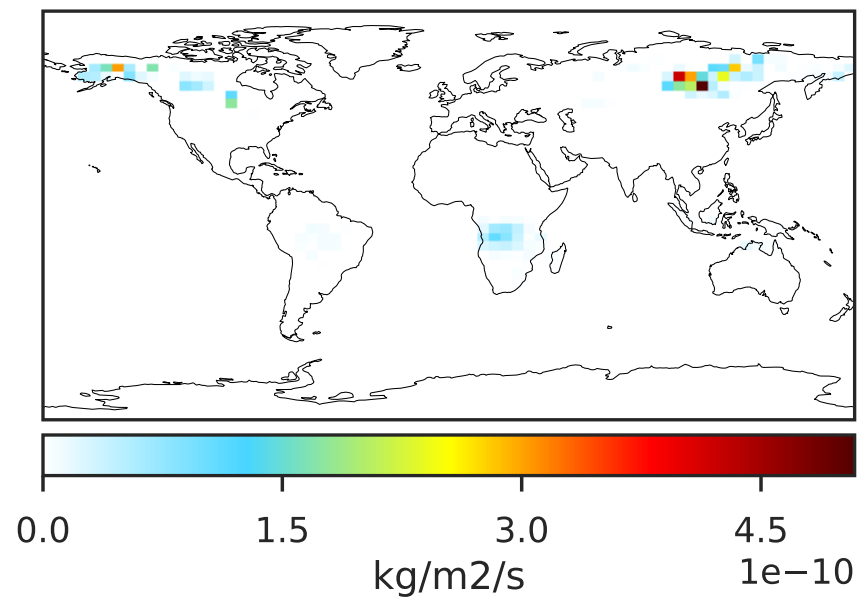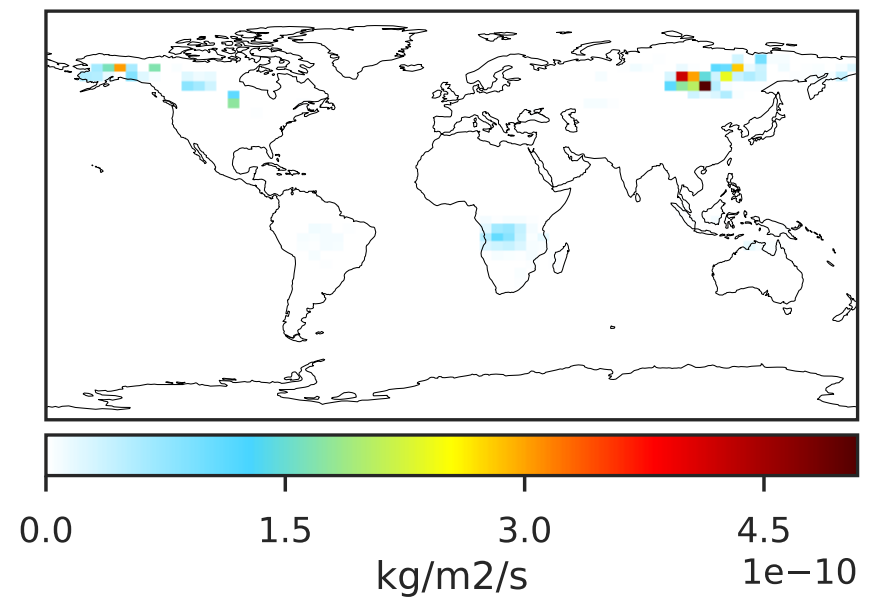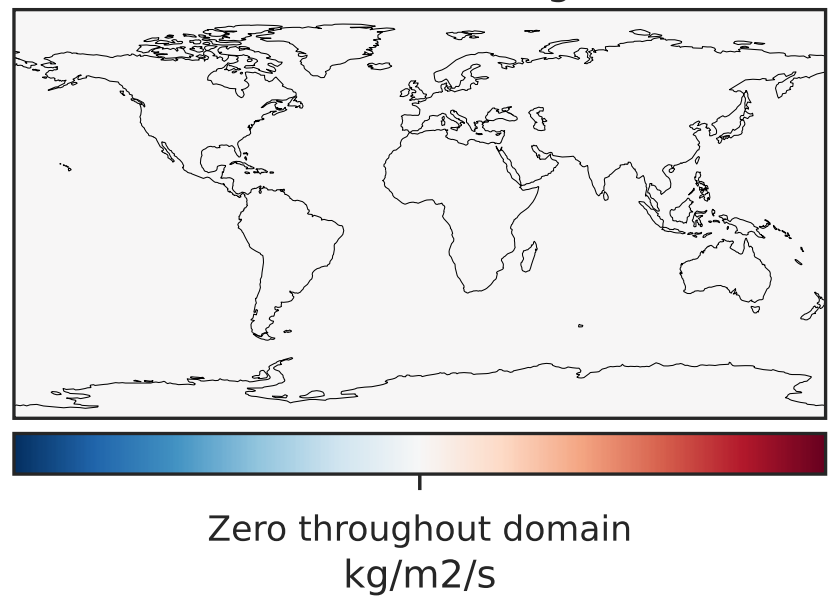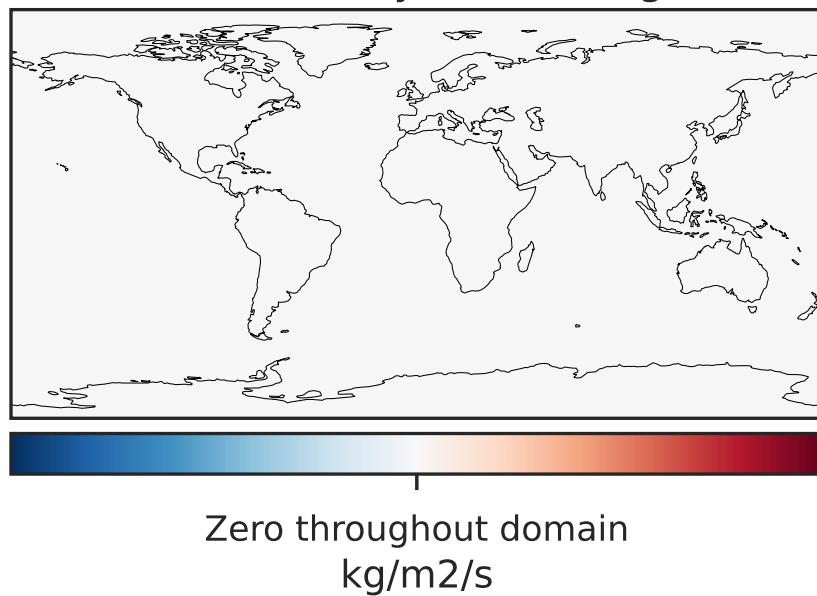Difference
Dev - Ref, Restricted Range [5%,95%]

Zero throughout domain
kg/m2/s

Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range

Ratio
Dev/Ref, Fixed Range

Ref and Dev equal throughout domain
unitless

Ref and Dev equal throughout domain
unitless

EmisOCPO_BioBurn

EmisPHEN_BioBurn

gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0

kg/m2/s

1e−11

gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0

kg/m2/s

1e−11

Difference
Dev - Ref, Dynamic Range

Zero throughout domain
kg/m2/s

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

Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range

Ref and Dev equal throughout domain
unitless

Ratio
Dev/Ref, Fixed Range

Ref and Dev equal throughout domain
unitless
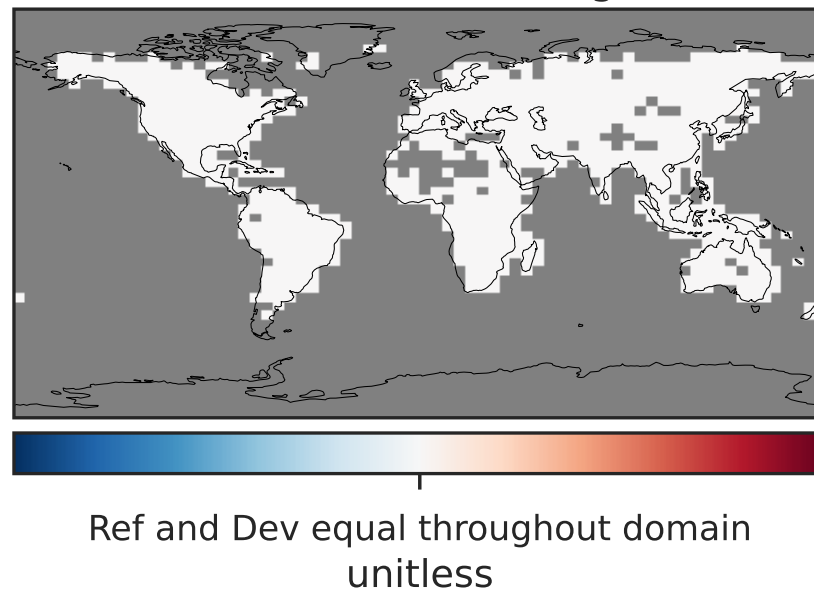
EmisPRPE_BioBurn
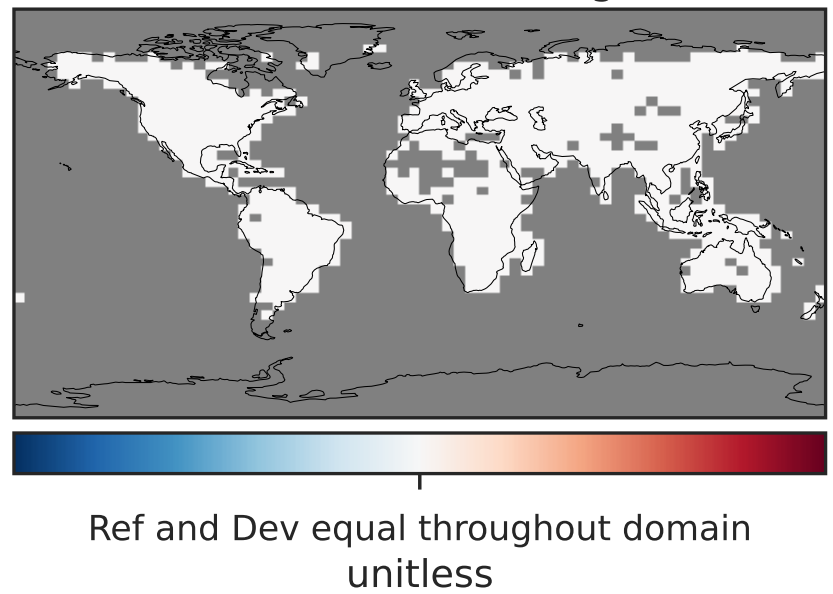
EmisRCHO_BioBurn

gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0

gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0

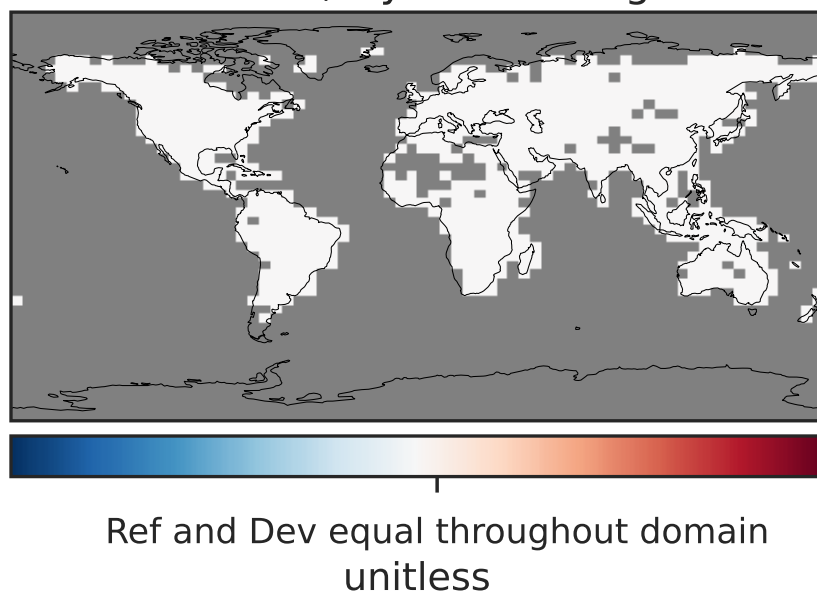kg/m2/s

kg/m2/s

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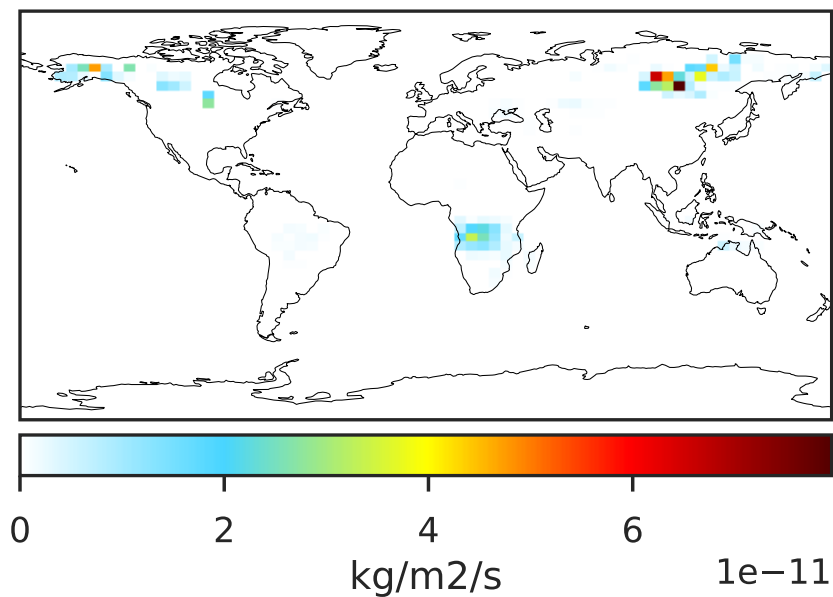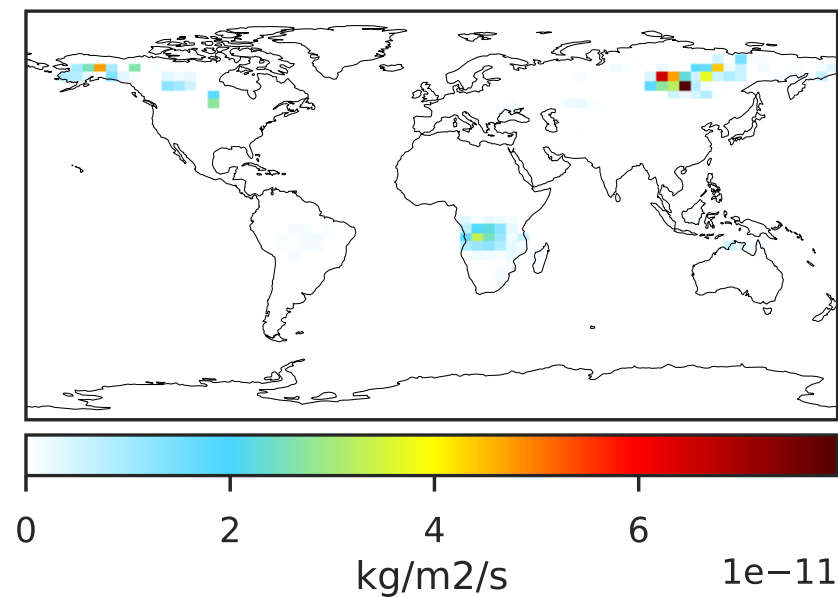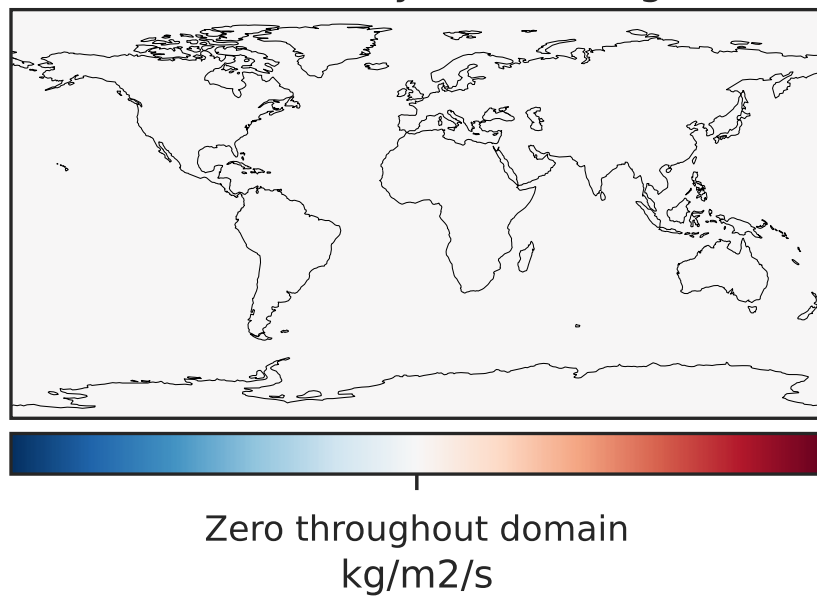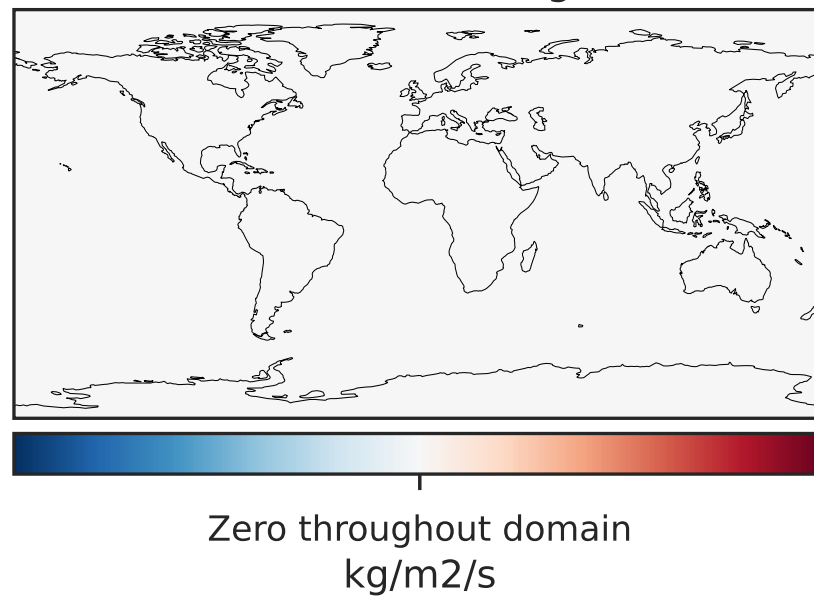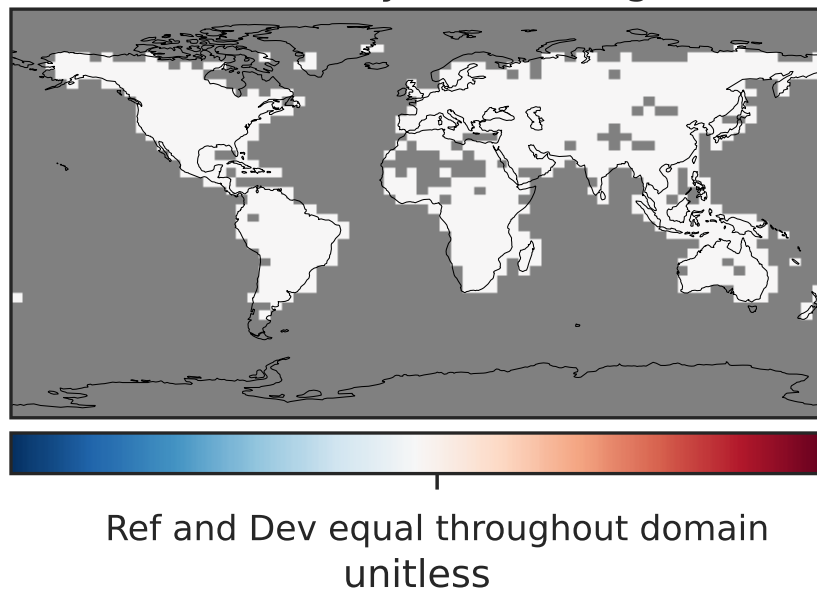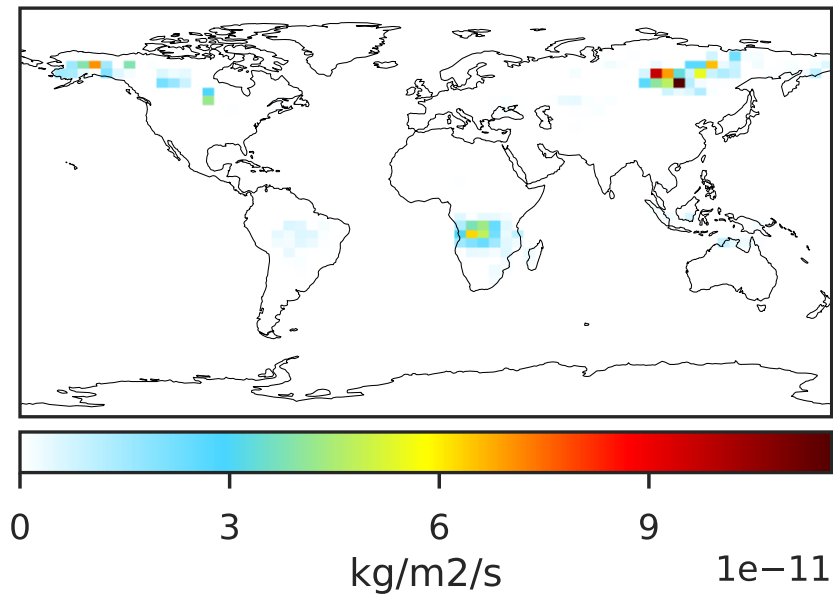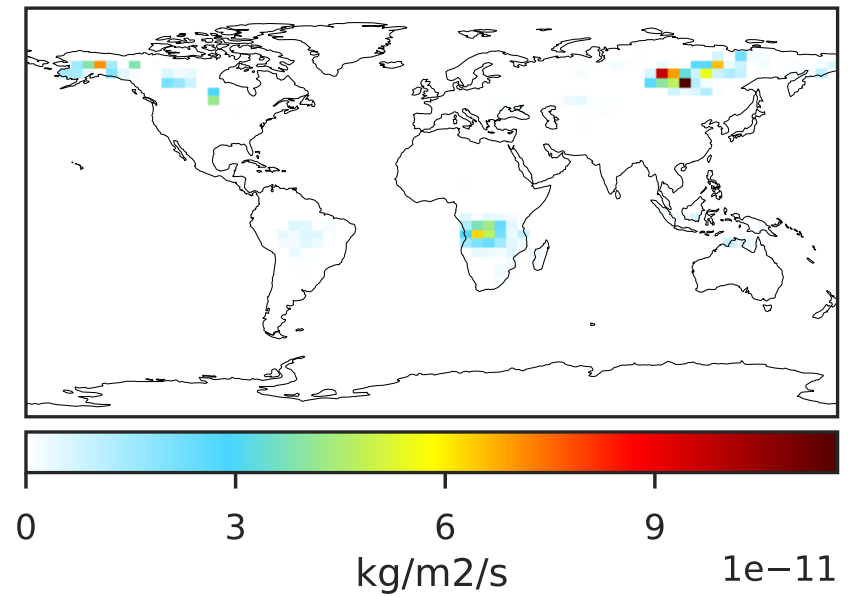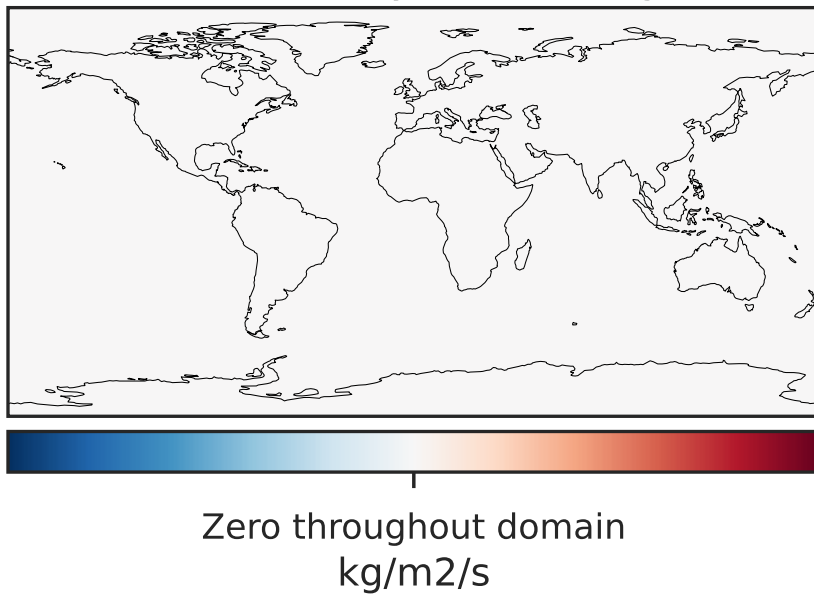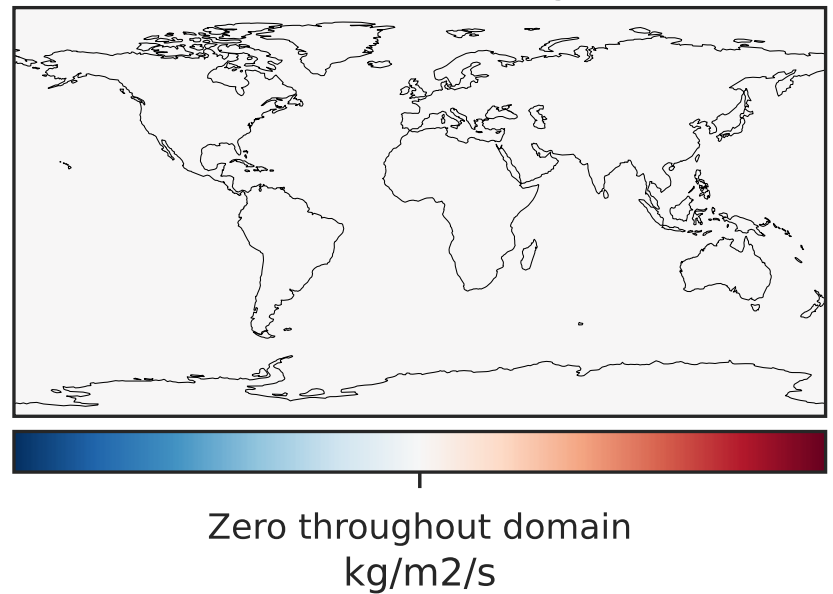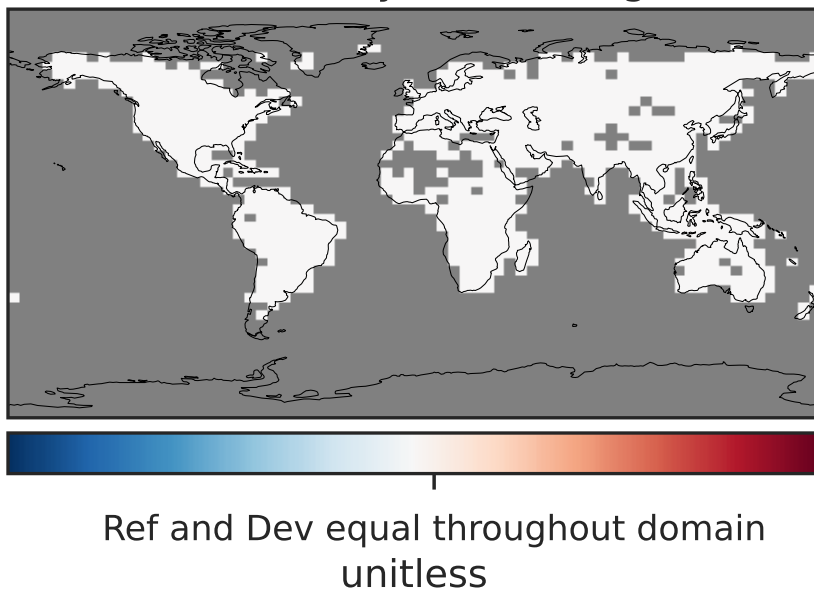
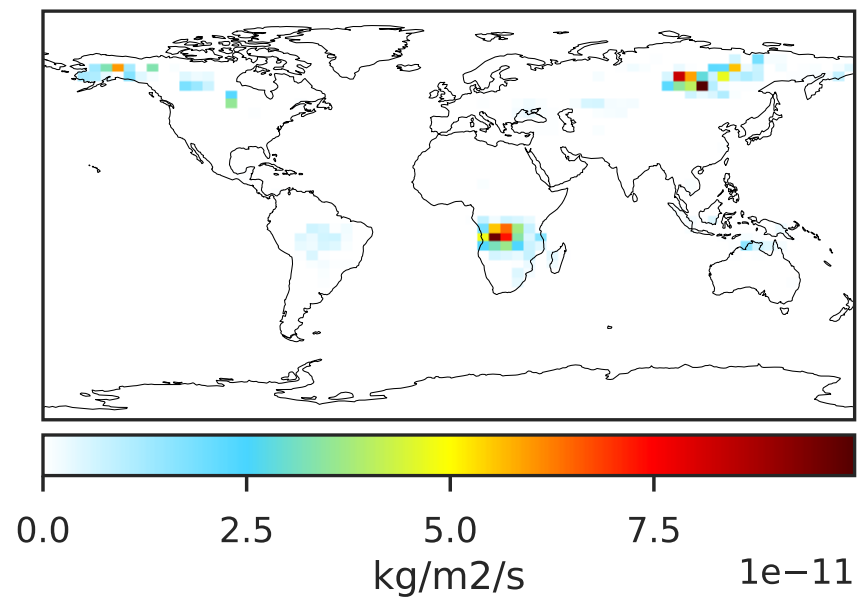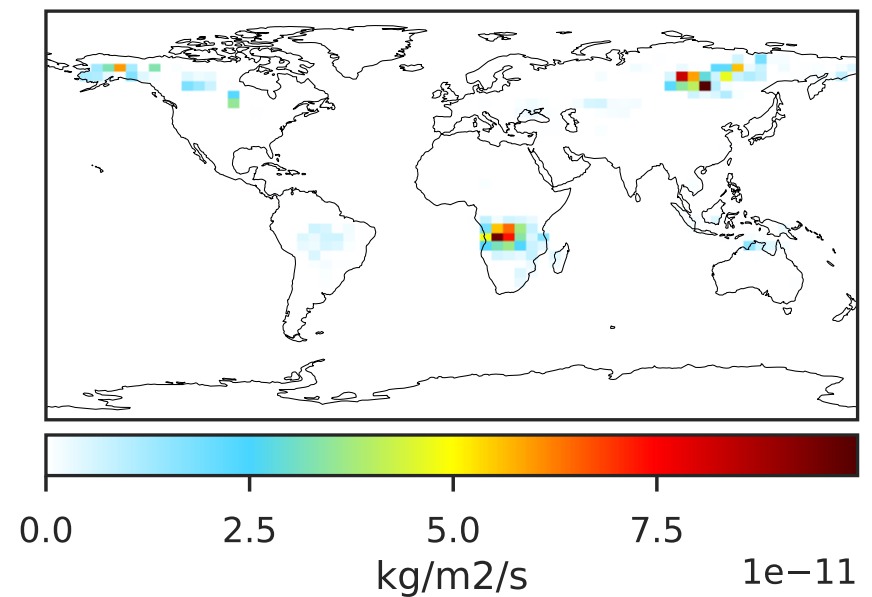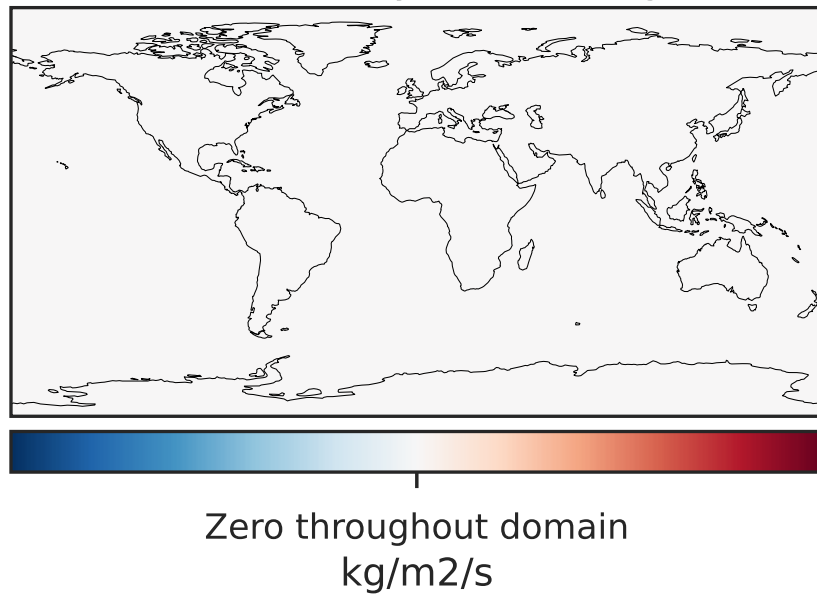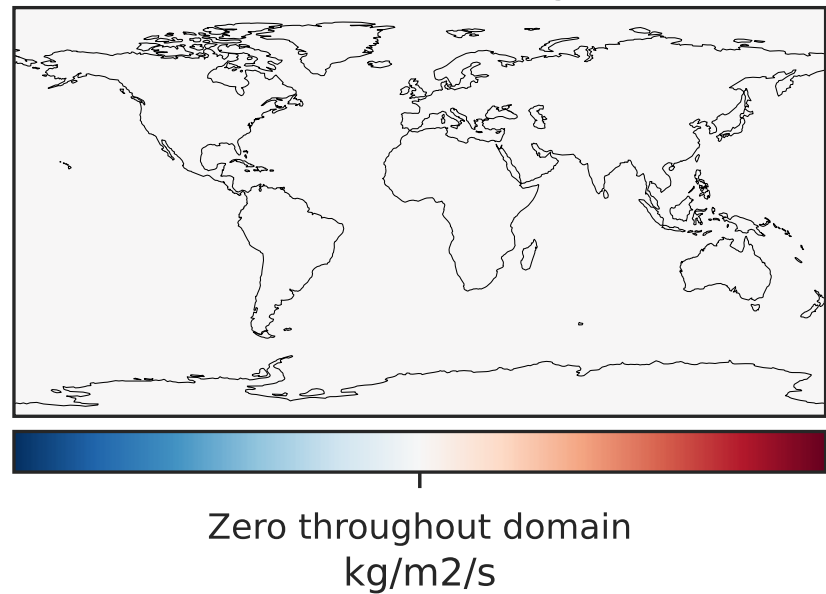Difference
Dev - Ref, Restricted Range [5%,95%]

Zero throughout domain
kg/m2/s

Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range

Ratio
Dev/Ref, Fixed Range

Ref and Dev equal throughout domain
unitless

Ref and Dev equal throughout domain
unitless
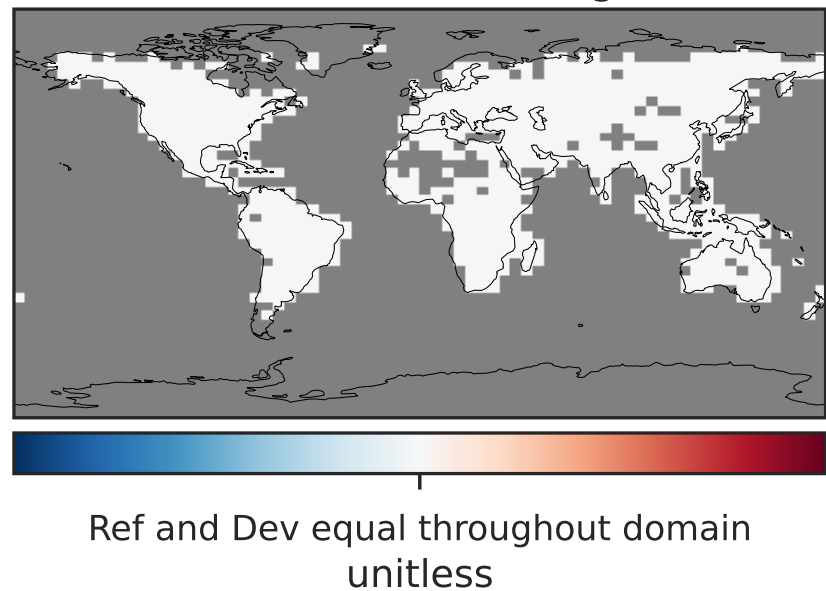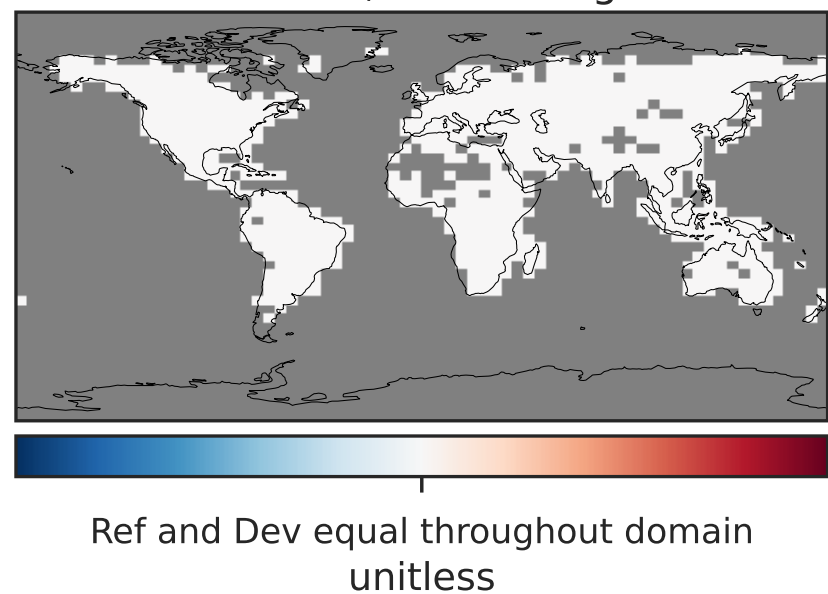
EmisSO2_BioBurn

EmisSOAP_BioBurn

gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0

kg/m2/s

1e−10

gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0

kg/m2/s

1e−10

Difference
Dev - Ref, Dynamic Range

Zero throughout domain
kg/m2/s

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

Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range

Ref and Dev equal throughout domain
unitless

Ratio
Dev/Ref, Fixed Range

Ref and Dev equal throughout domain
unitless
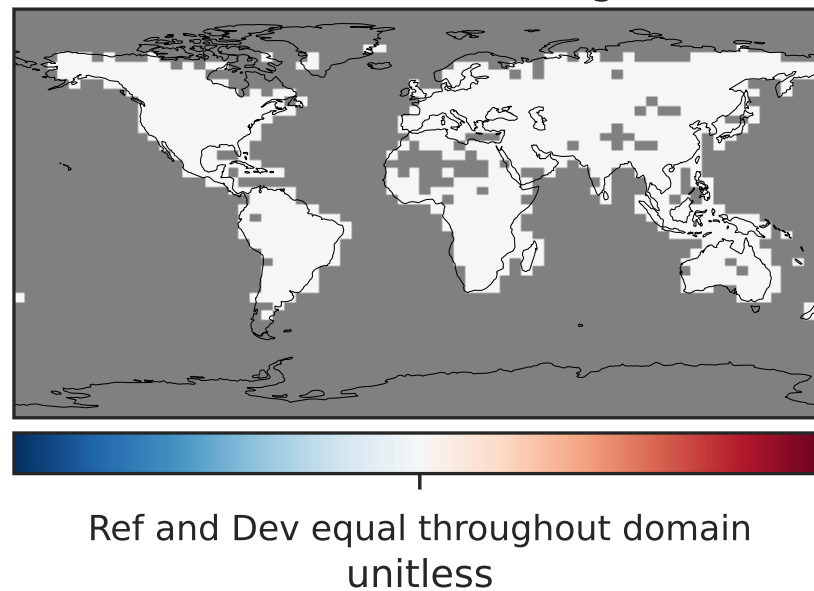
EmisTOLU_BioBurn

gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0

gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0
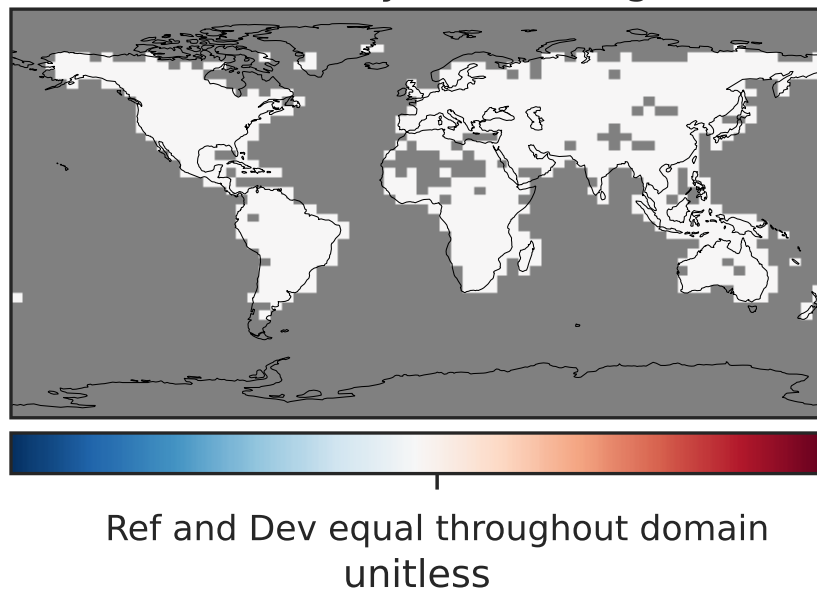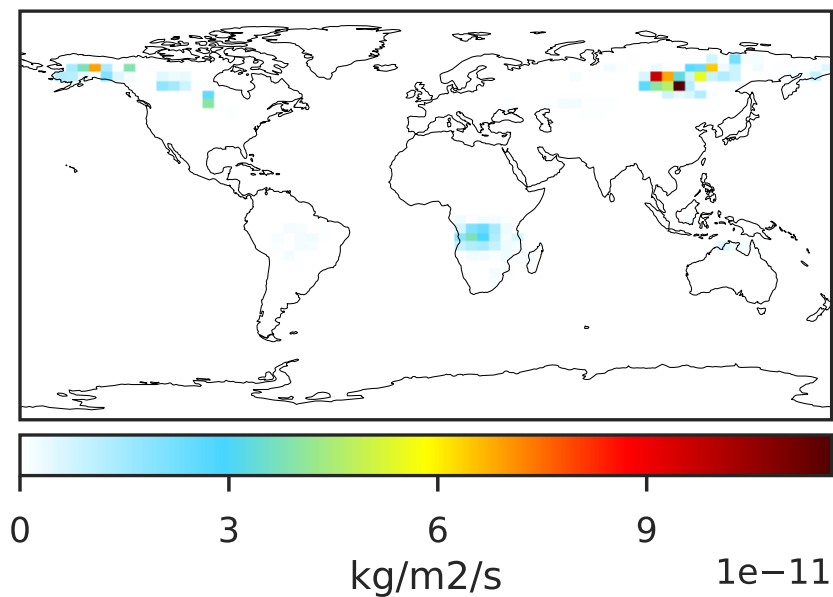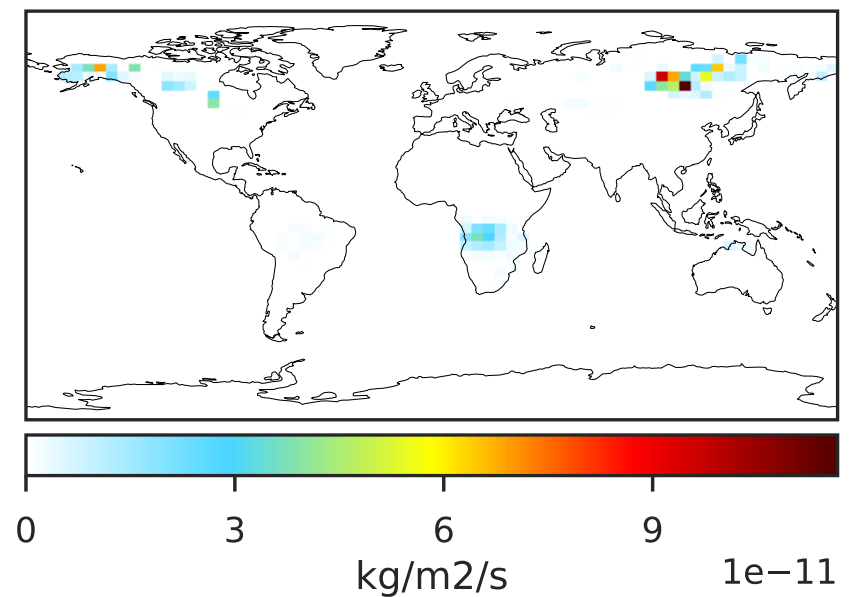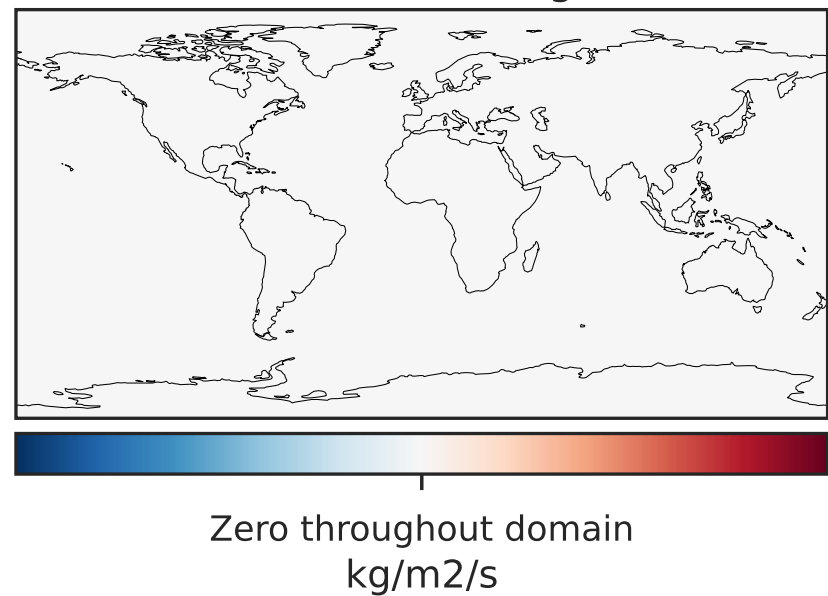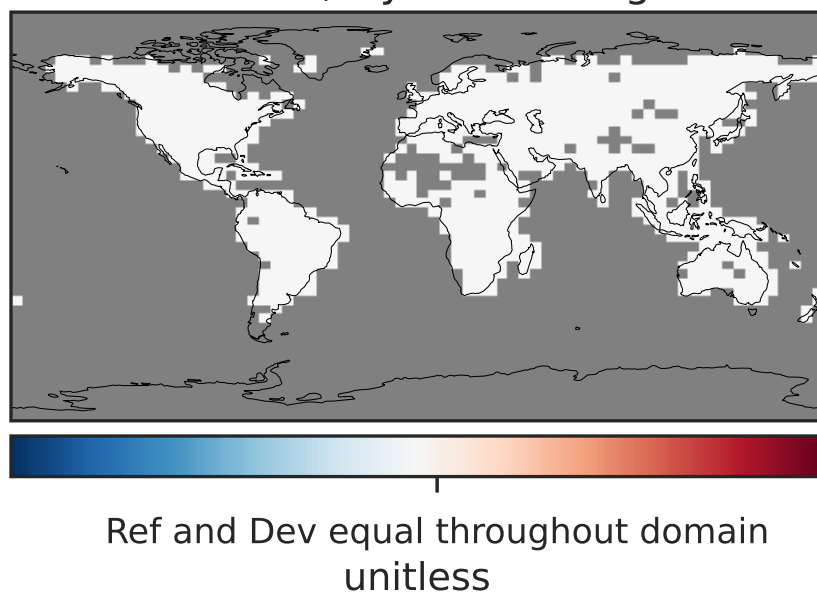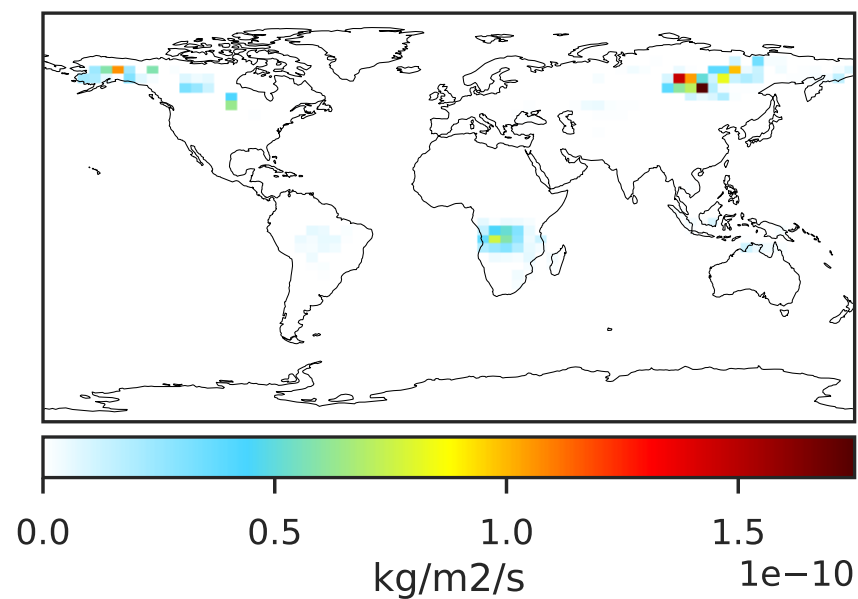

kg/m2/s

1e−11

kg/m2/s

1e−11

Difference
Dev - Ref, Dynamic Range

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

Zero throughout domain
kg/m2/s

Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range

Ratio
Dev/Ref, Fixed Range

Ref and Dev equal throughout domain
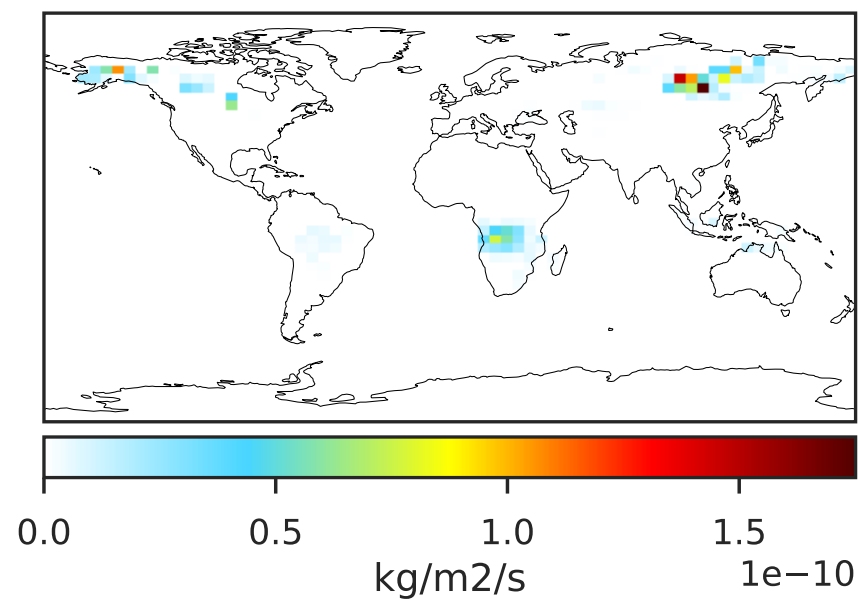unitless

Ref and Dev equal throughout domain
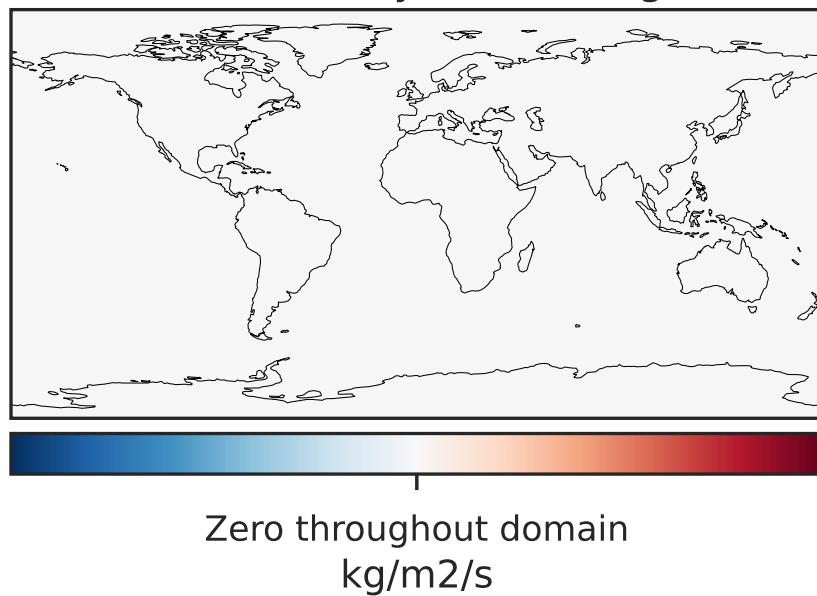unitless
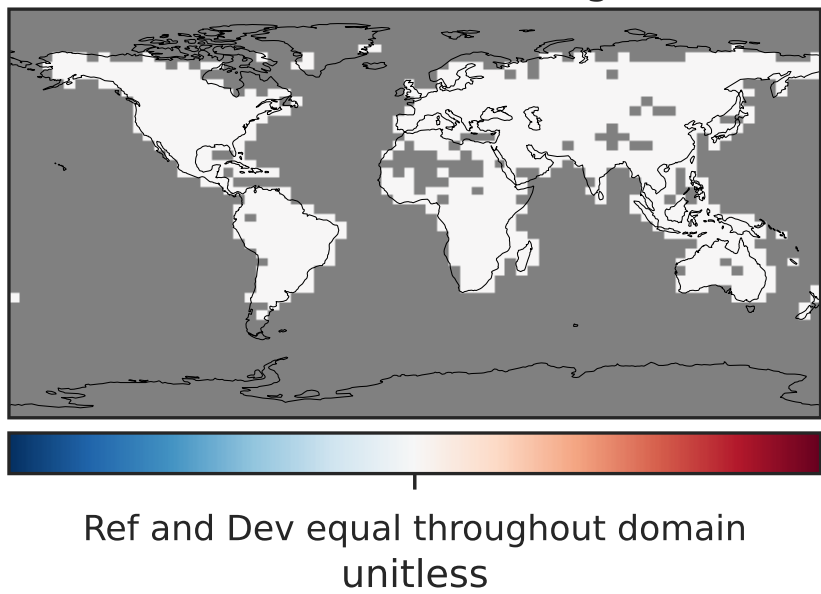
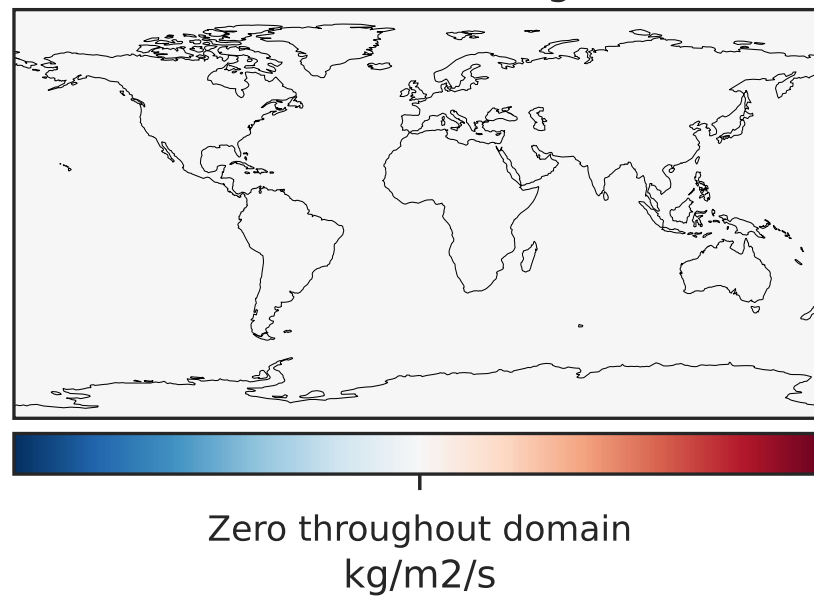# EmisXYLE_BioBurn

gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
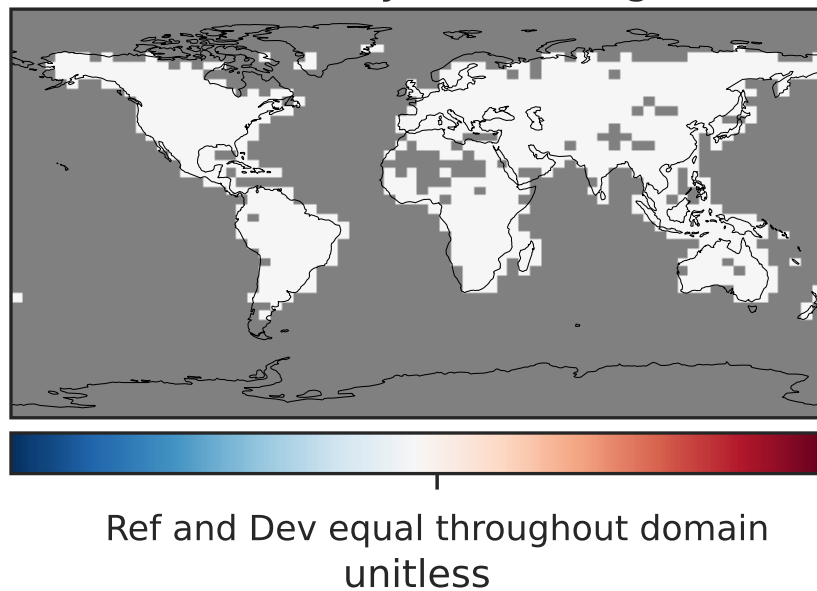4.0x5.0

gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0

kg/m2/s

kg/m2/s

Difference
Dev - Ref, Dynamic Range

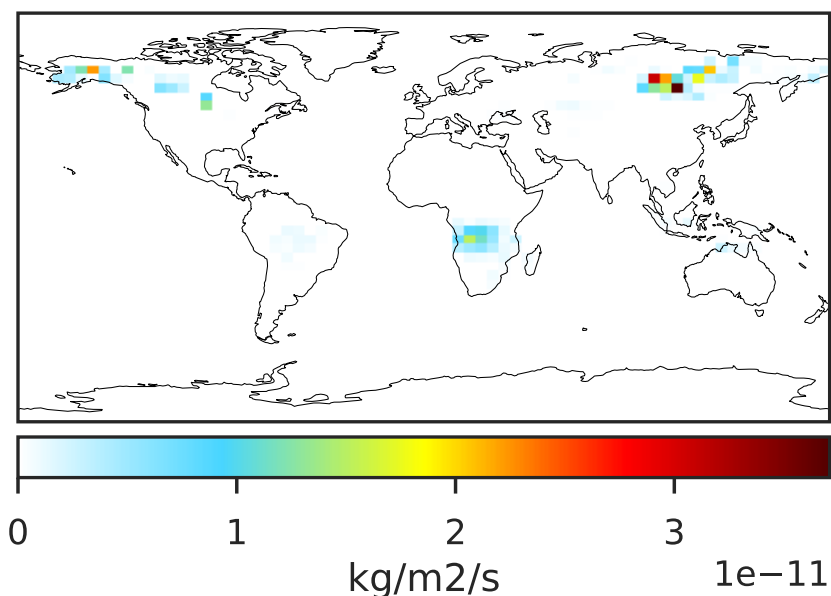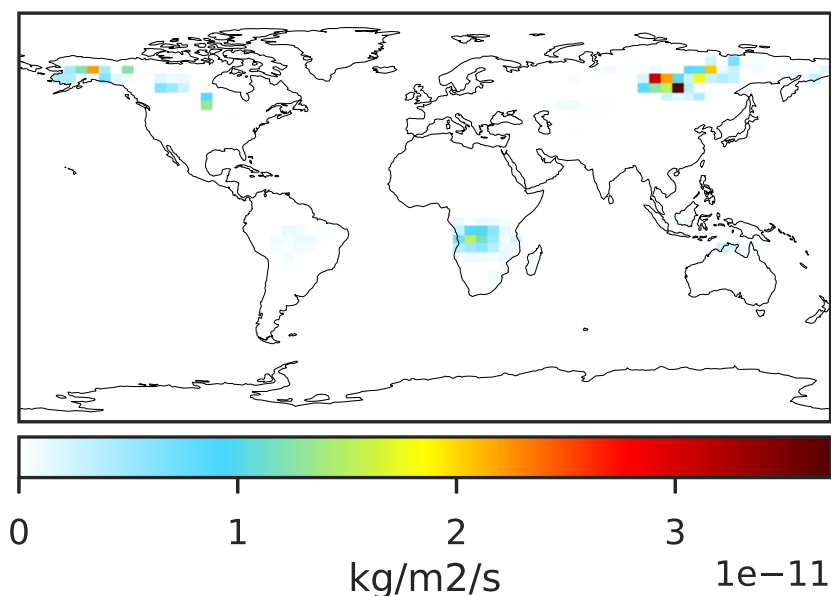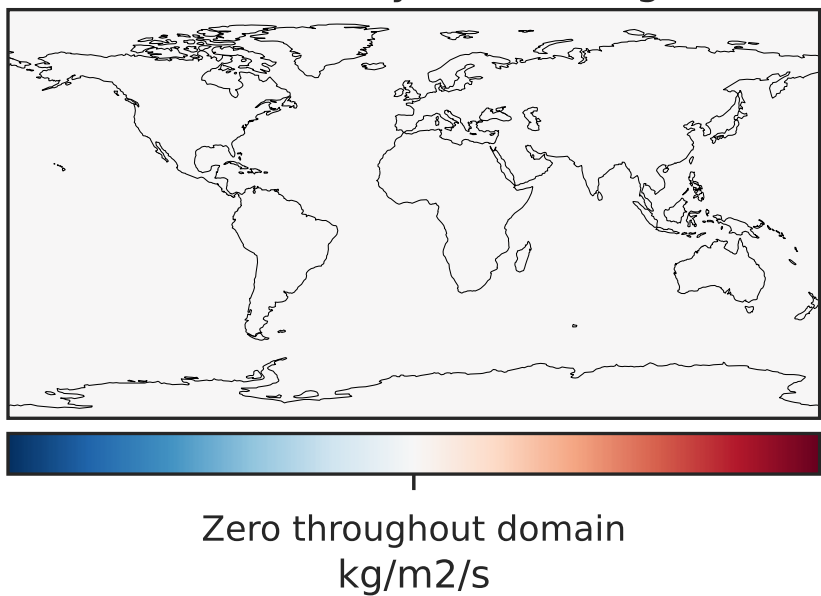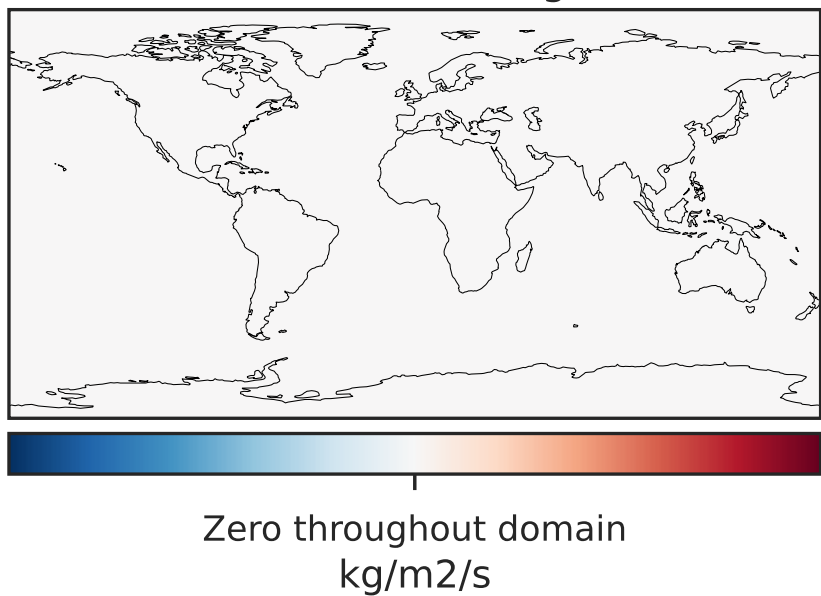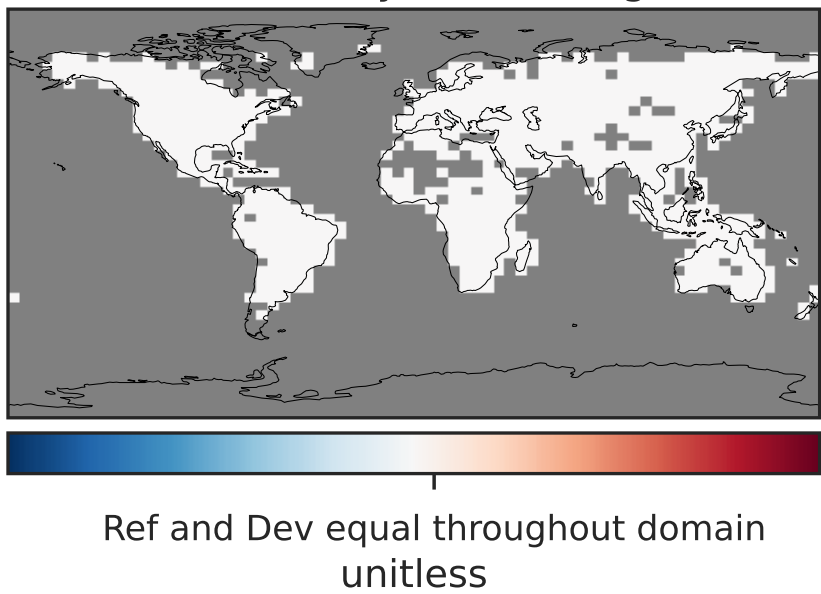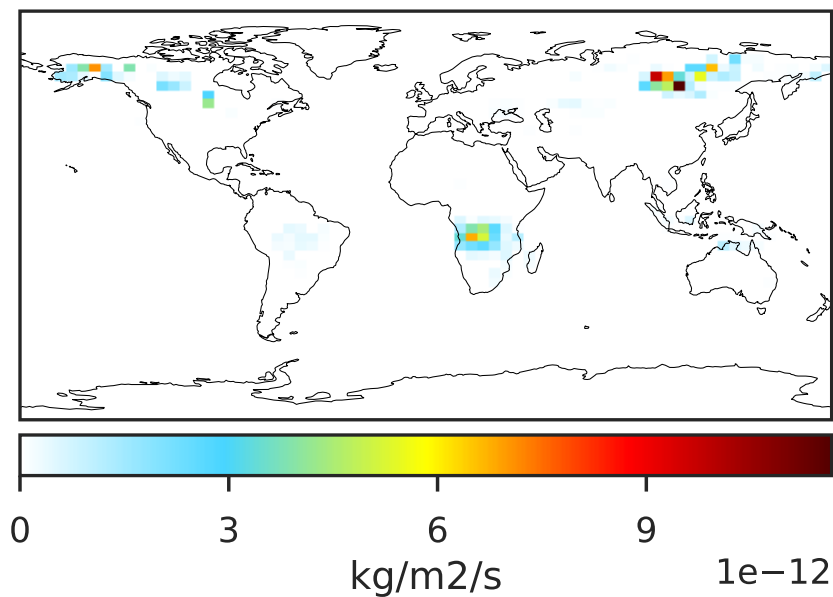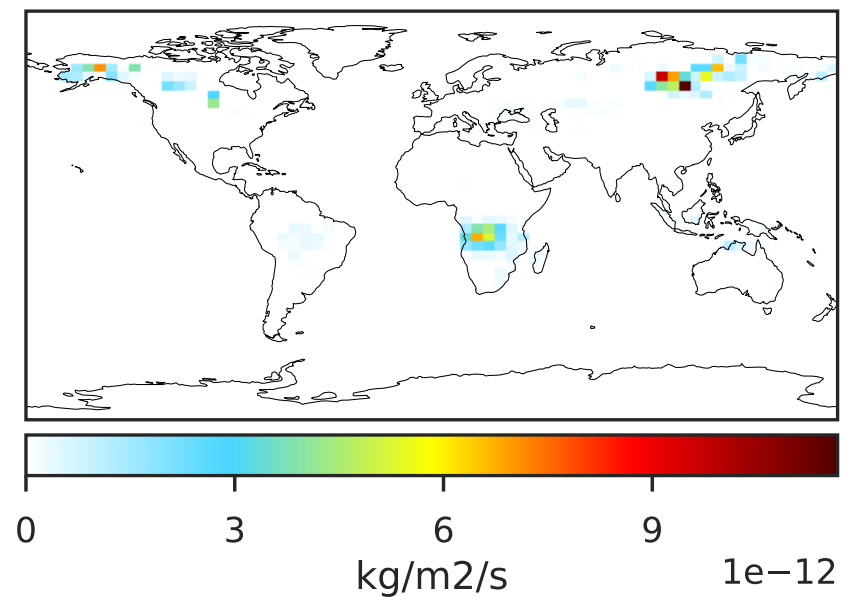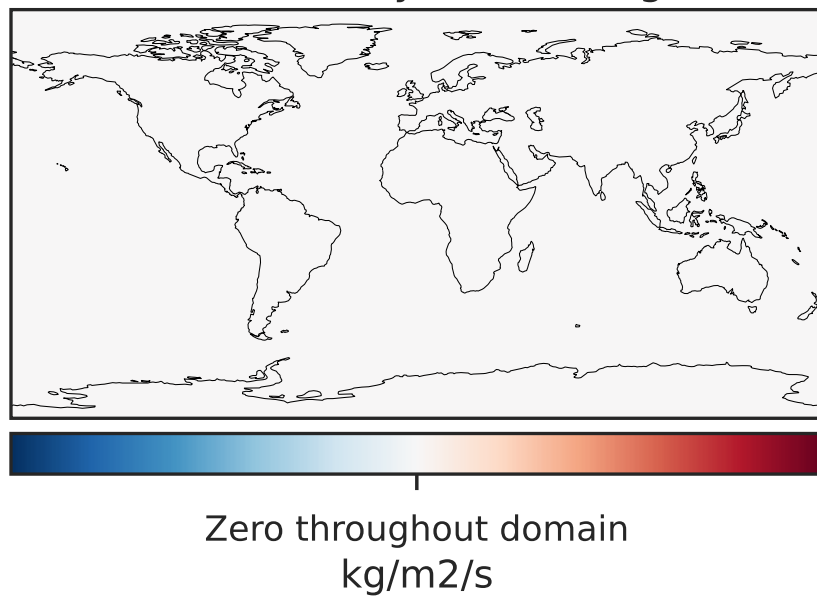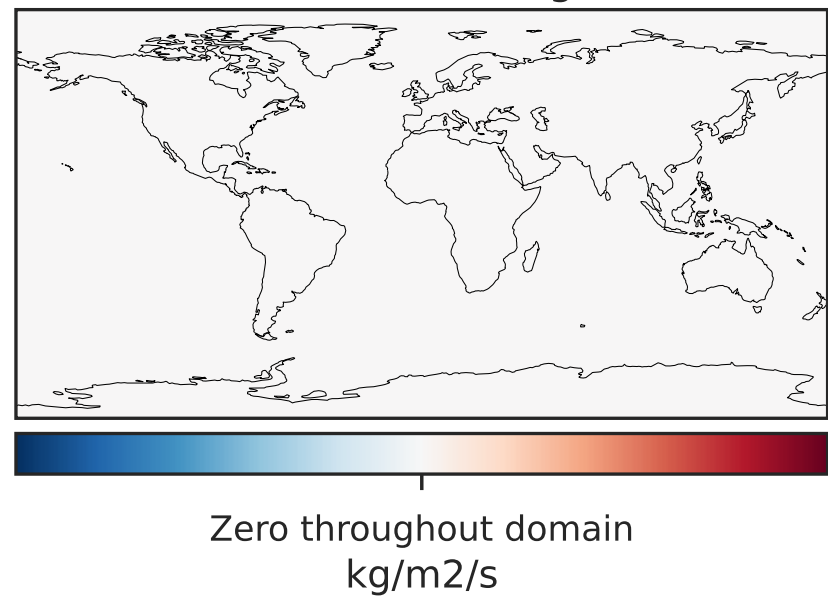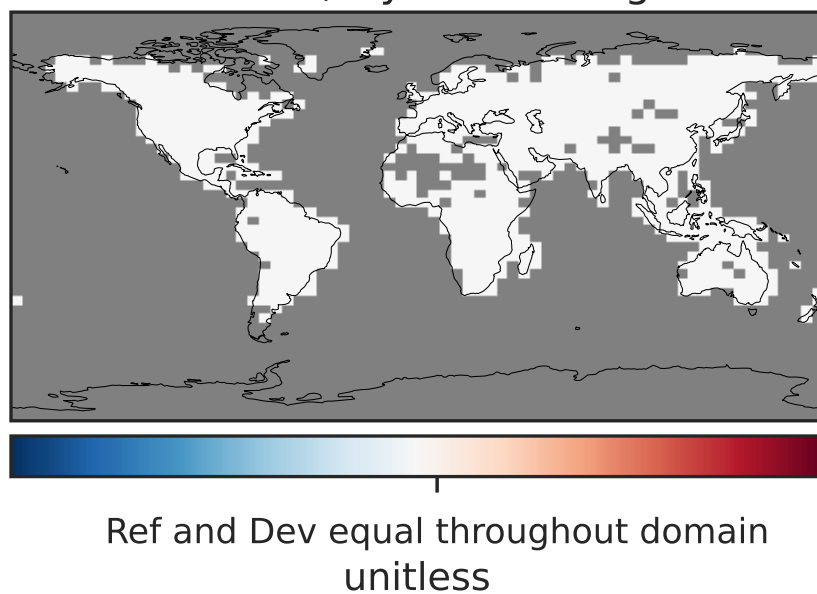Difference
Dev - Ref, Restricted Range [5%,95%]

Zero throughout domain
kg/m2/s

Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range

Ratio
Dev/Ref, Fixed Range

Ref and Dev equal throughout domain
unitless

Ref and Dev equal throughout domain
unitless