EmisDMS_Ocean
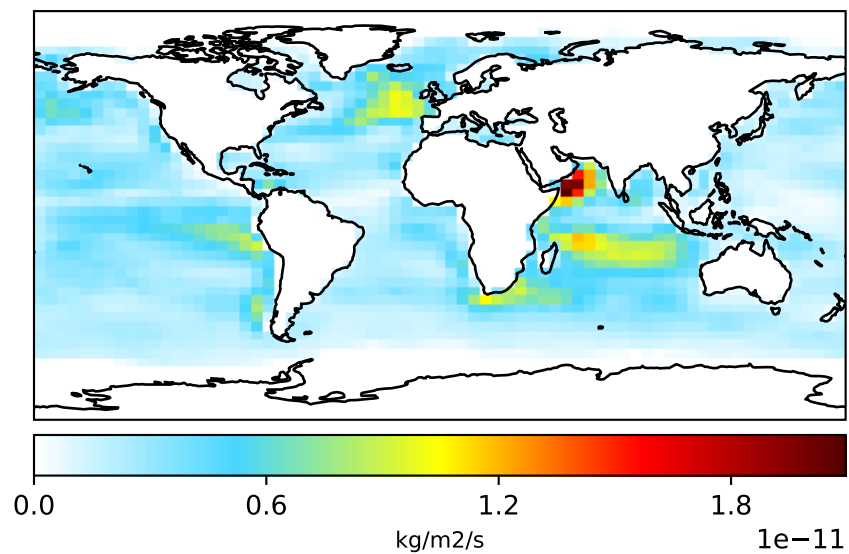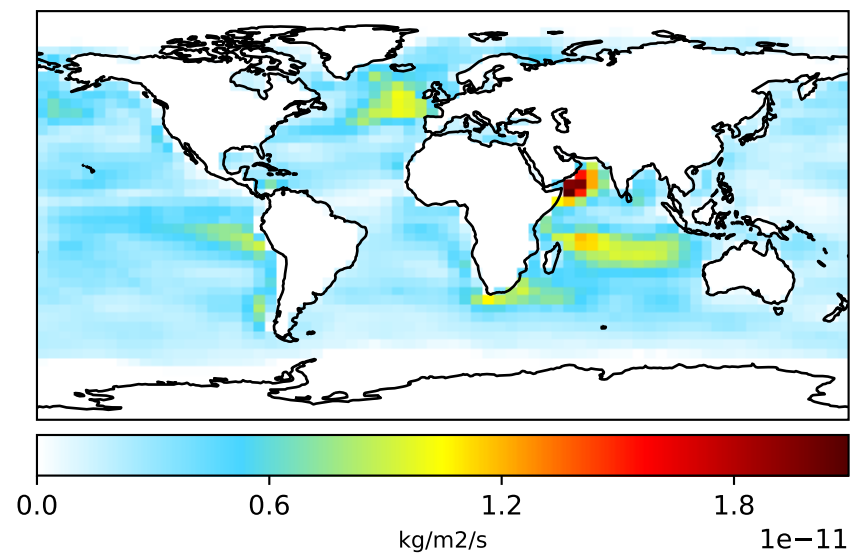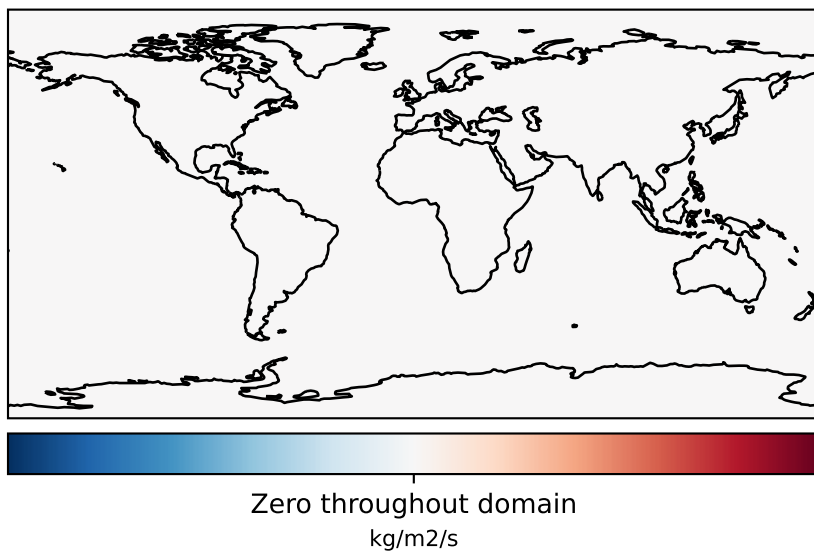

gcc-4x5-1Mon-14.6.2 (Ref)
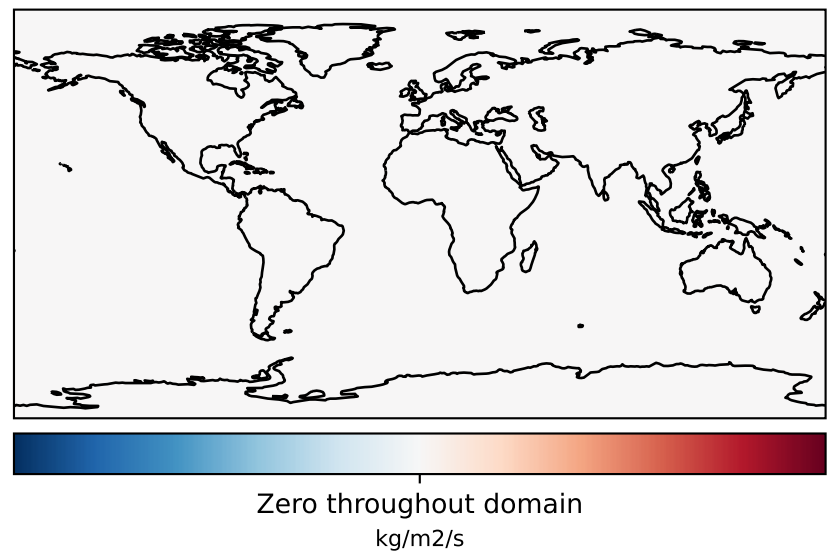4.0x5.0

gcc-4x5-1Mon-14.7.0-alpha.0 (Dev)
4.0x5.0
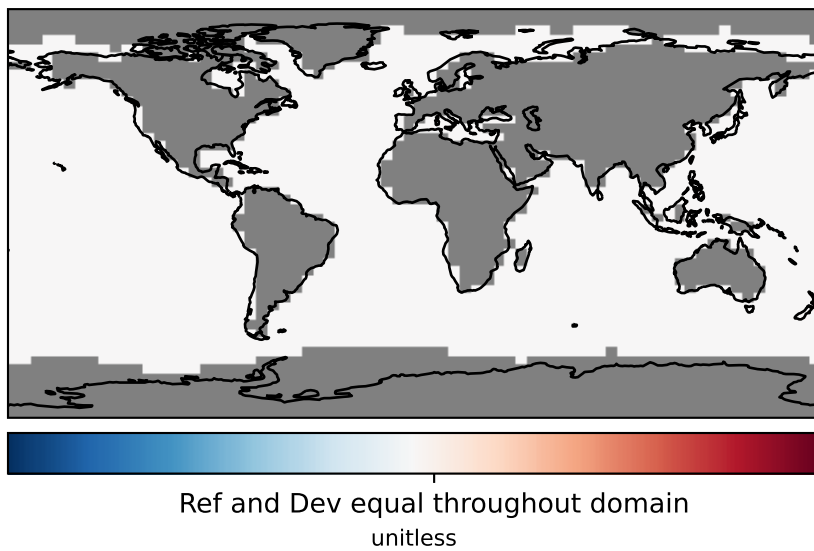
kg/m2/s

kg/m2/s

Difference
Dev - Ref, Dynamic Range

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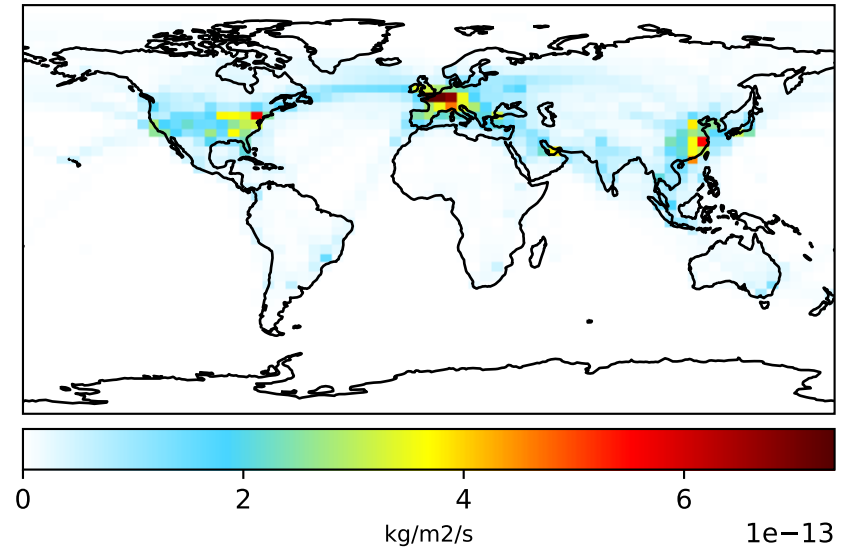Dev - Ref, Restricted Range [5%,95%]

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_Aircraft

gcc-4x5-1Mon-14.6.2 (Ref)
4.0x5.0

gcc-4x5-1Mon-14.7.0-alpha.0 (Dev)
4.0x5.0

kg/m2/s

1e−13

kg/m2/s

1e−13

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
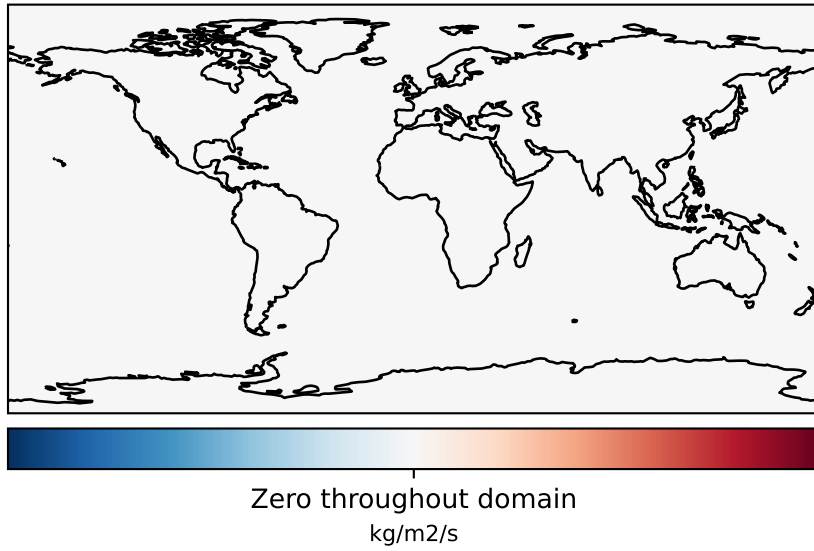
unitless
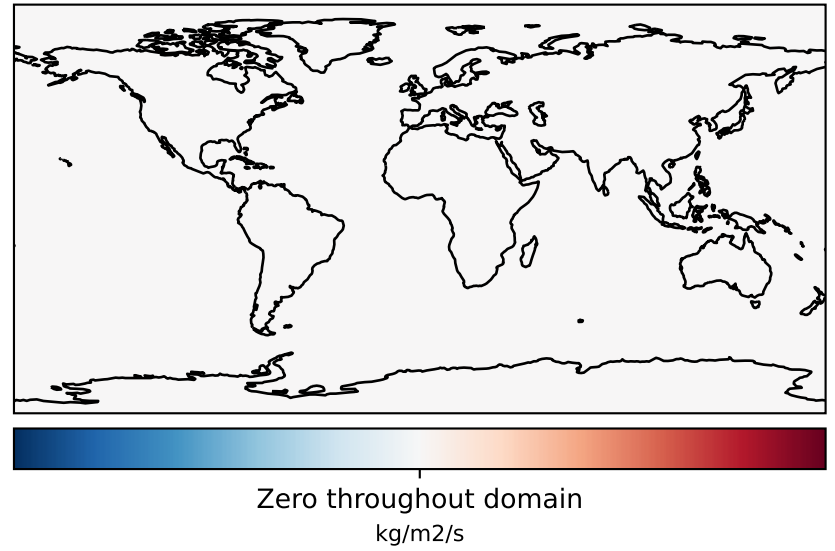
EmisSO2_Anthro

gcc-4x5-1Mon-14.6.2 (Ref)
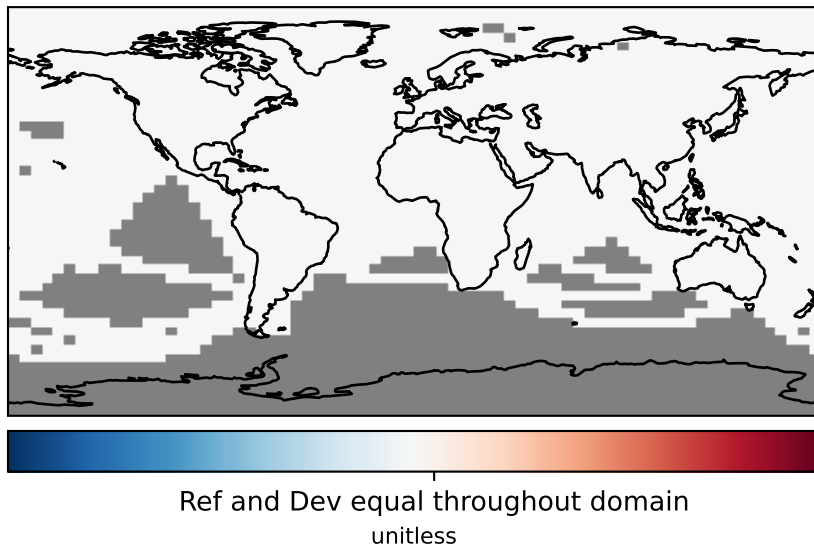4.0x5.0

gcc-4x5-1Mon-14.7.0-alpha.0 (Dev)
4.0x5.0

kg/m2/s

kg/m2/s

Difference
Dev - Ref, Dynamic Range

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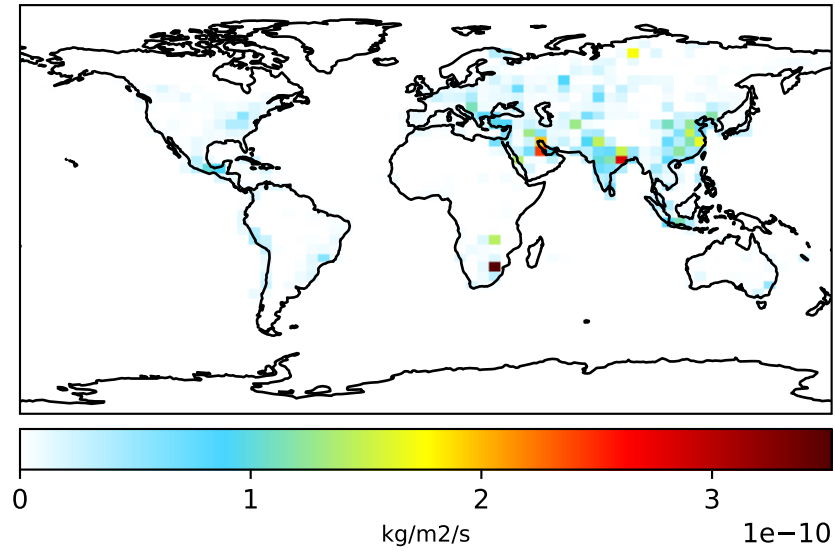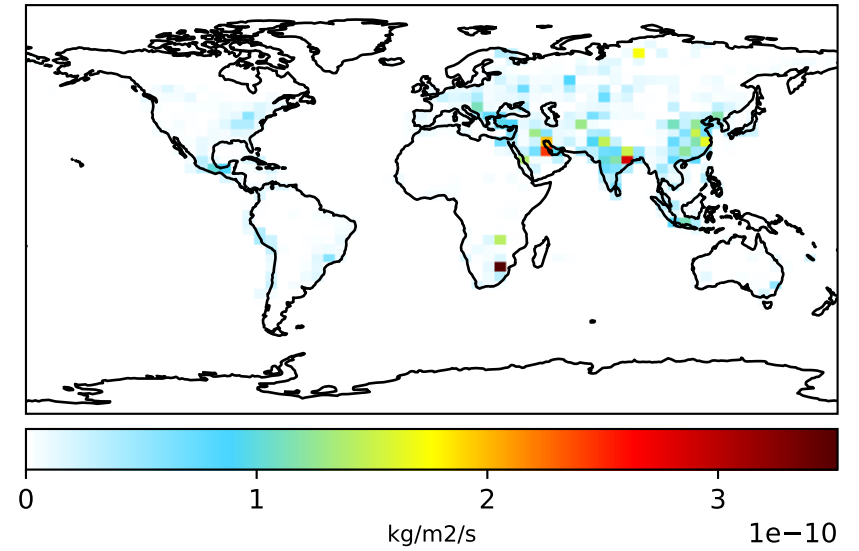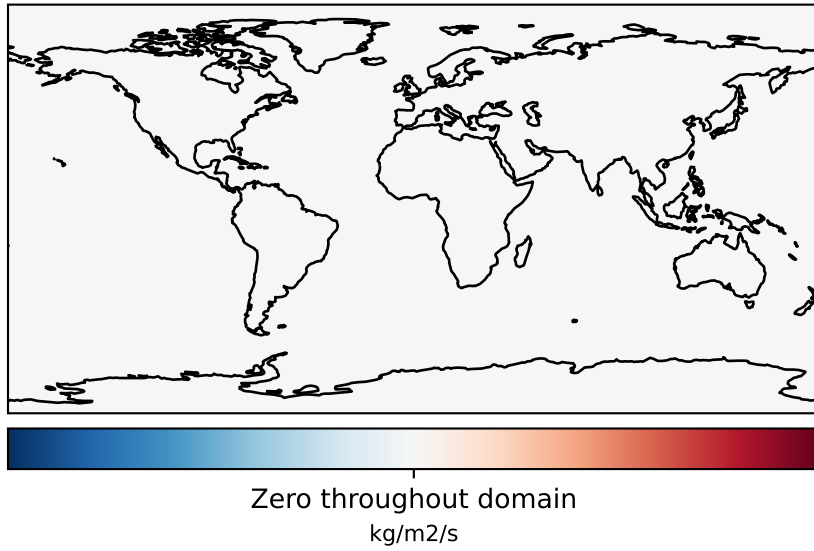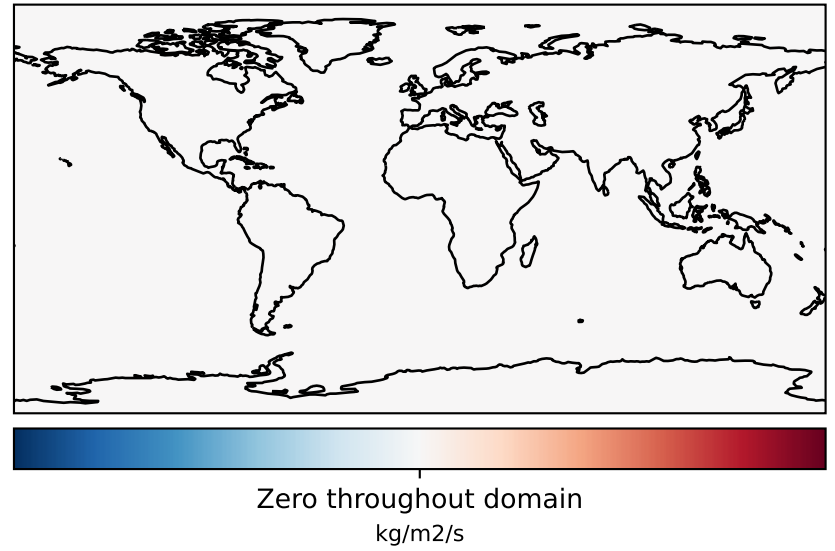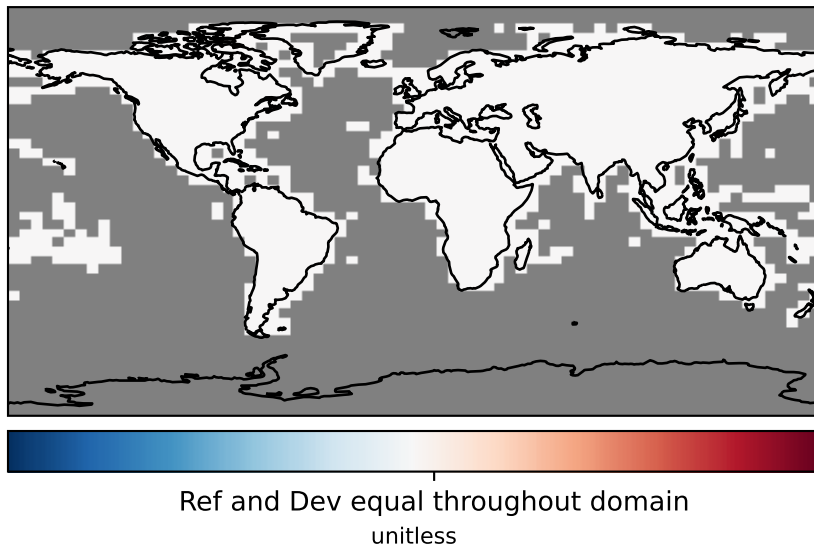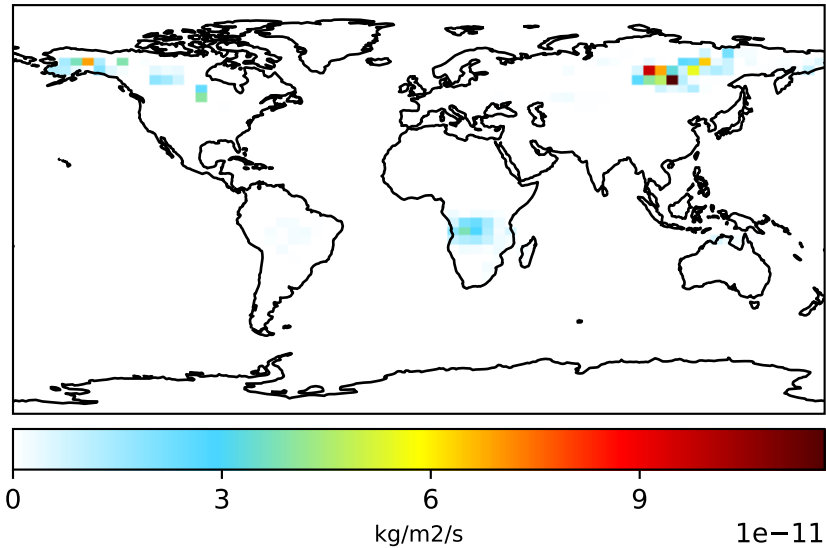Dev - Ref, Restricted Range [5%,95%]

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

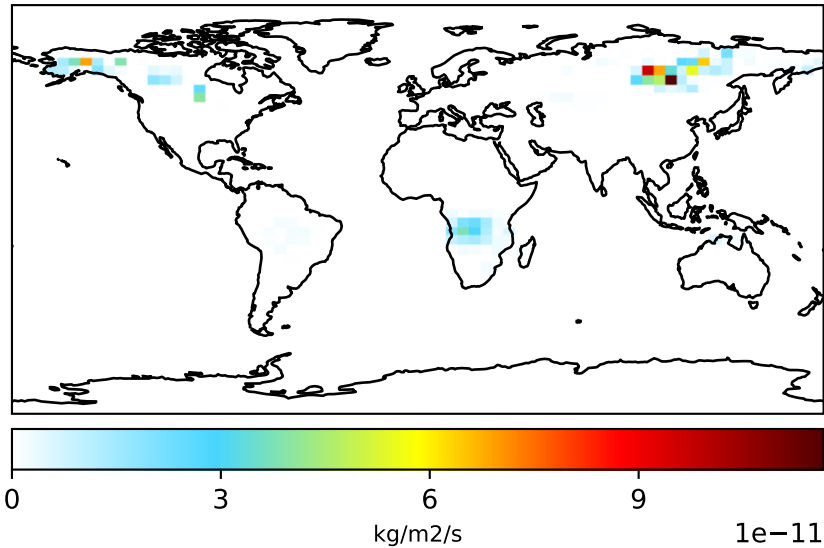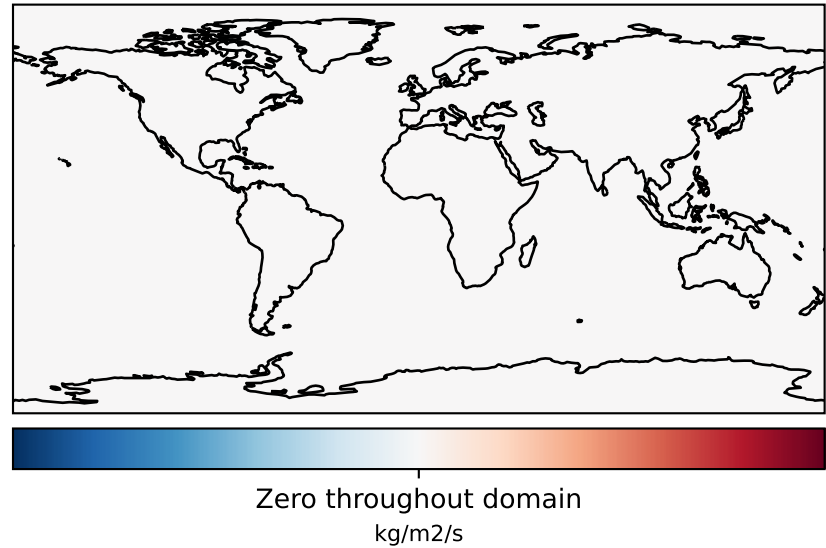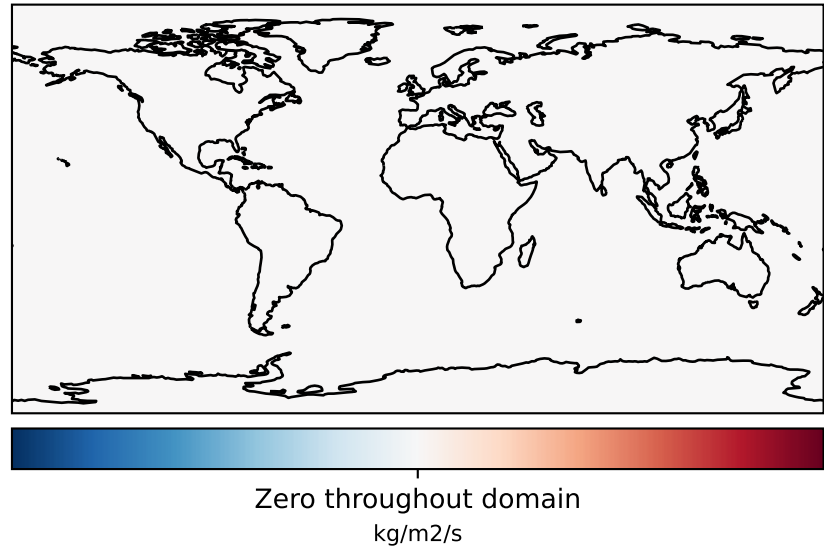Ref and Dev equal throughout domain
unitless

EmisSO2_BioBurn

EmisSO2_Ship

gcc-4x5-1Mon-14.6.2 (Ref)
4.0x5.0

gcc-4x5-1Mon-14.7.0-alpha.0 (Dev)
4.0x5.0
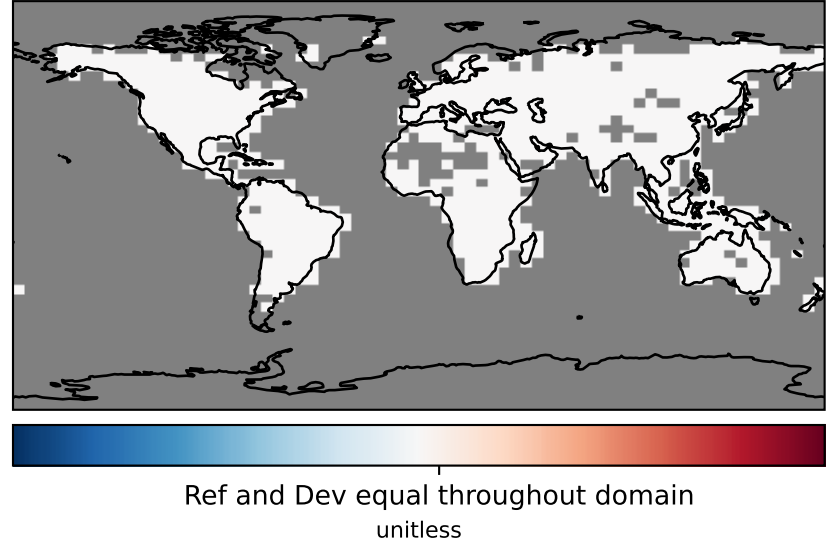
kg/m2/s

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

EmisSO2_Total

gcc-4x5-1Mon-14.6.2 (Ref)
4.0x5.0

gcc-4x5-1Mon-14.7.0-alpha.0 (Dev)
4.0x5.0

kg/m2/s

Difference
Dev - Ref, Dynamic Range

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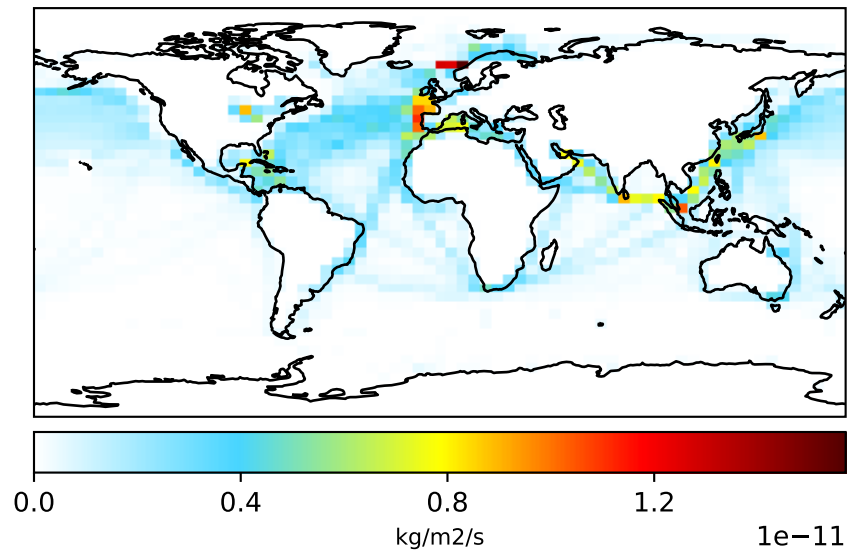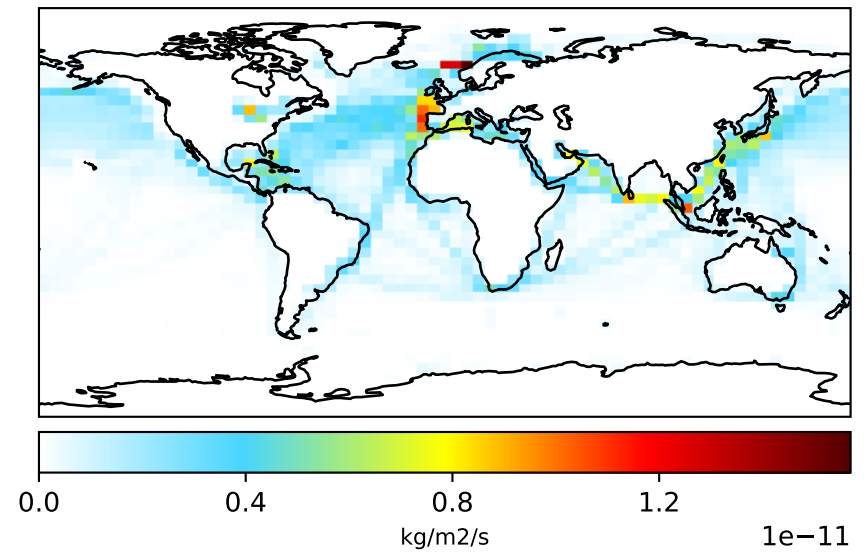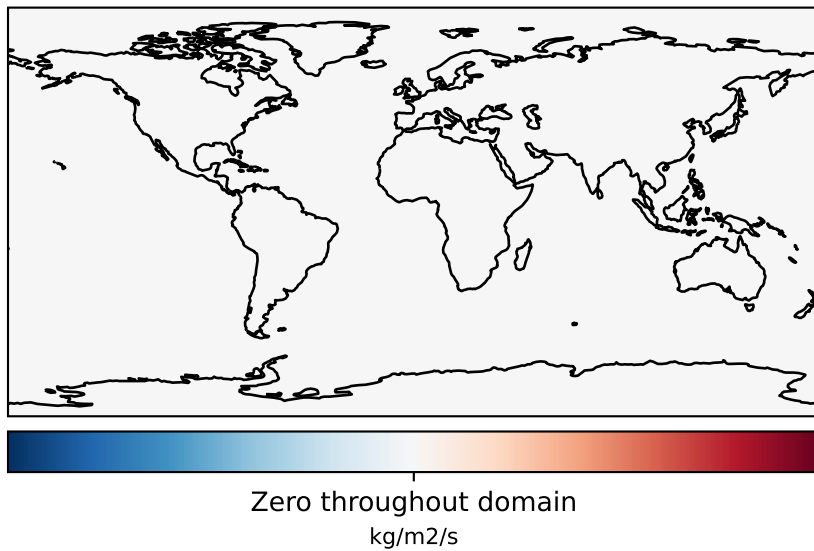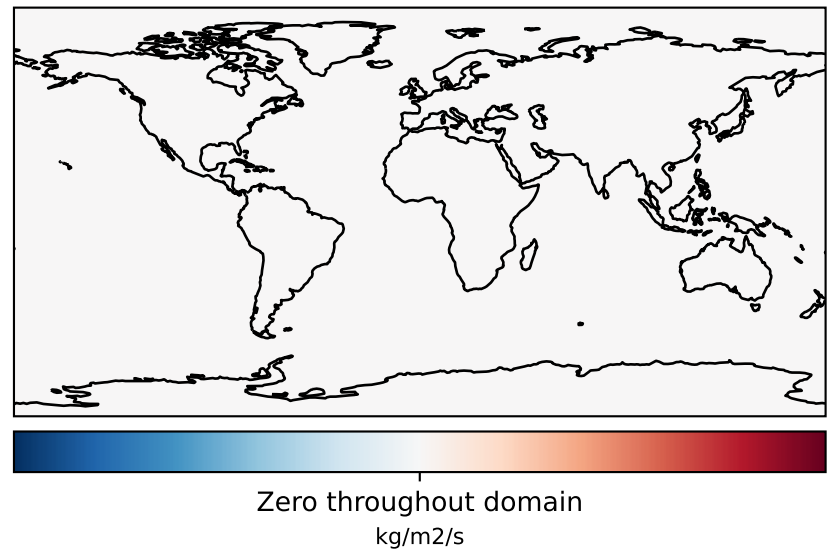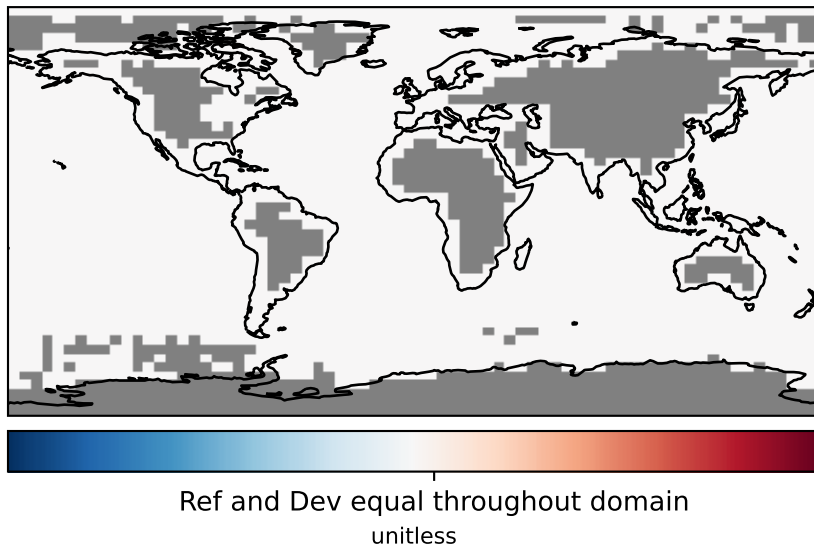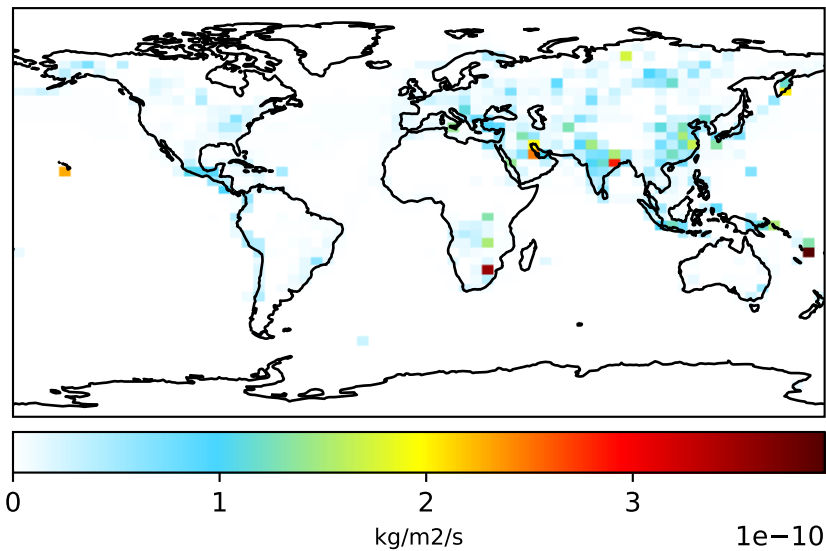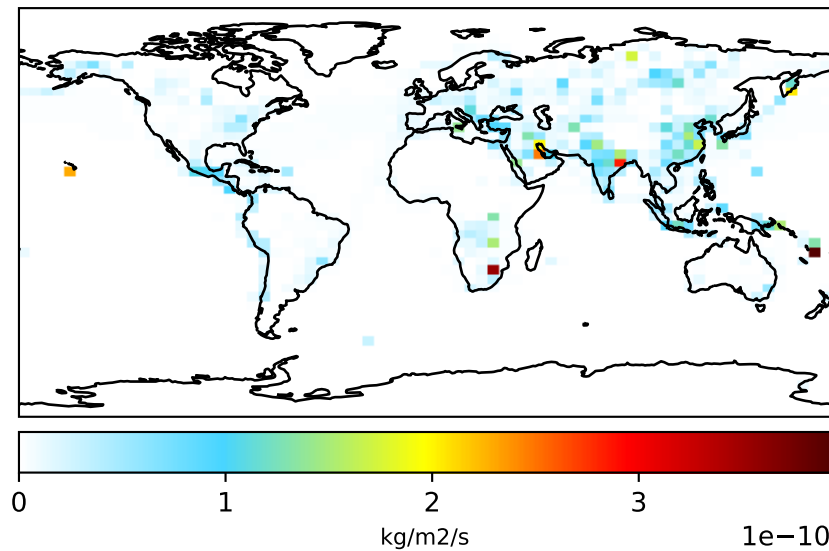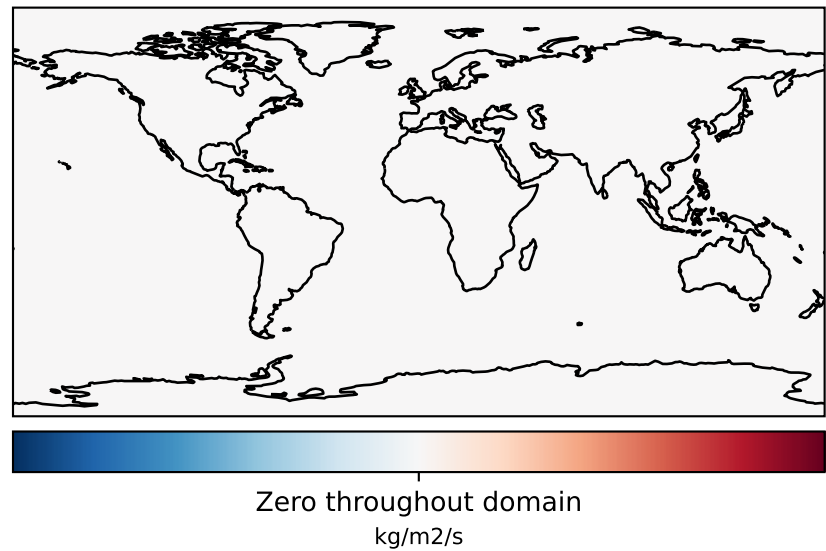Dev - Ref, Restricted Range [5%,95%]

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

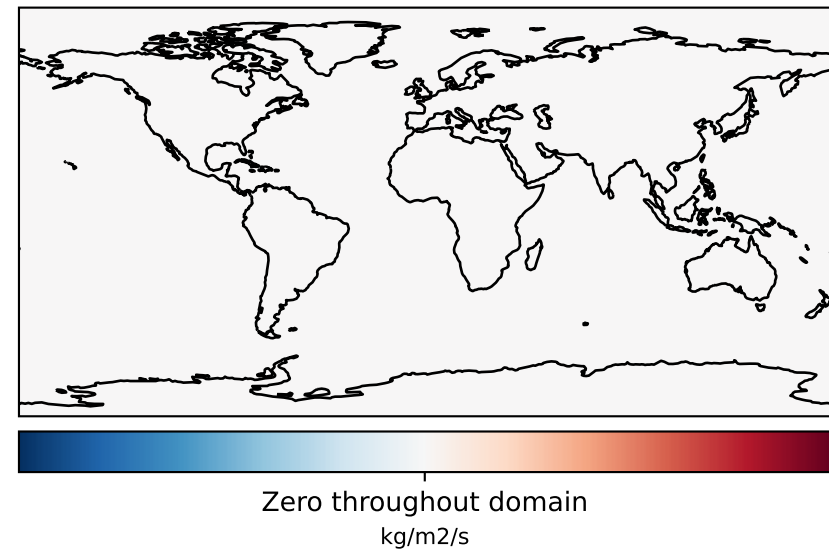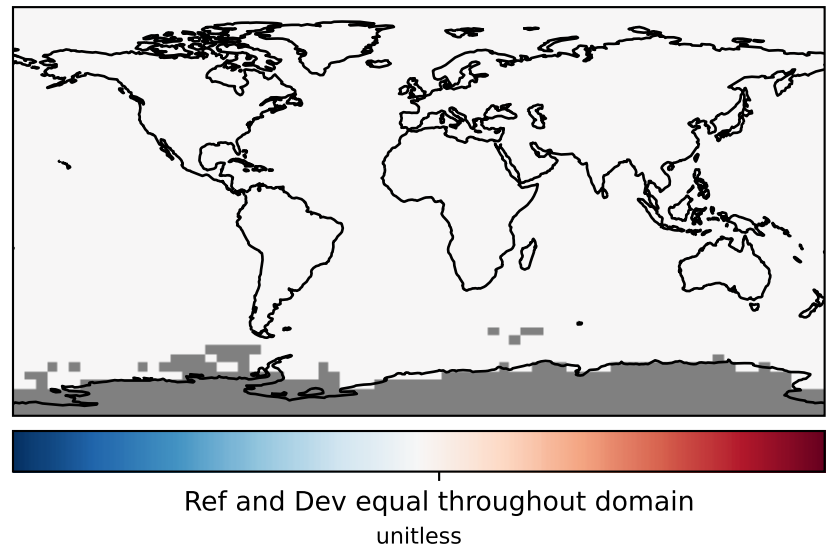# EmisSO2_VolcDegas

gcc-4x5-1Mon-14.6.2 (Ref)
4.0x5.0

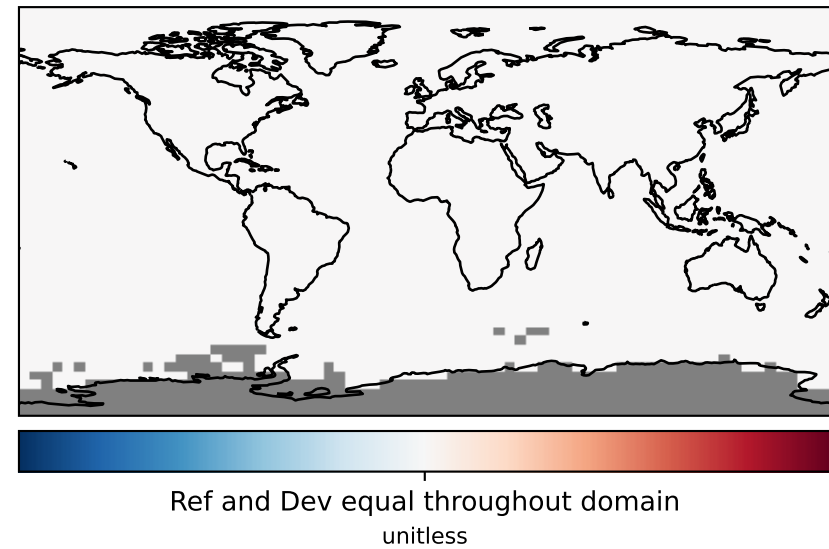gcc-4x5-1Mon-14.7.0-alpha.0 (Dev)
4.0x5.0

kg/m2/s

Difference
Dev - Ref, Dynamic Range

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

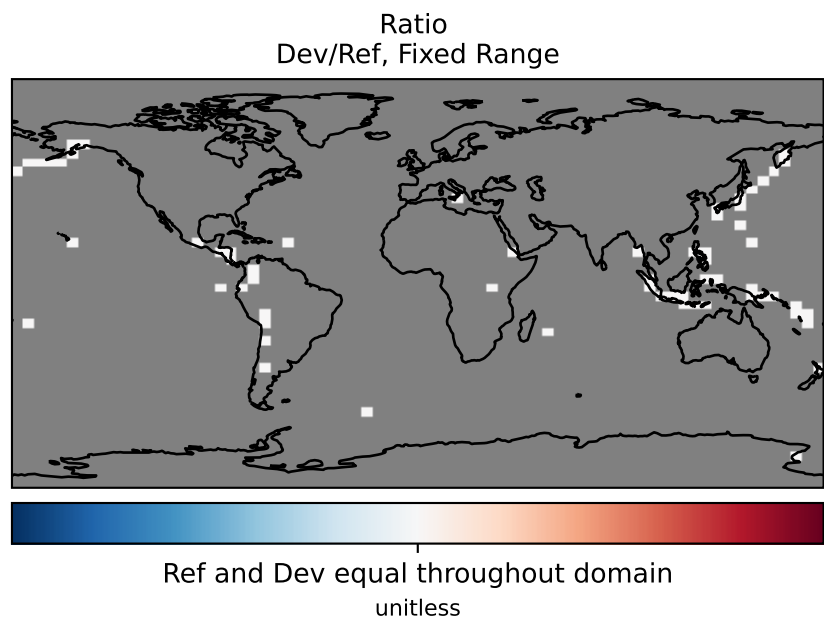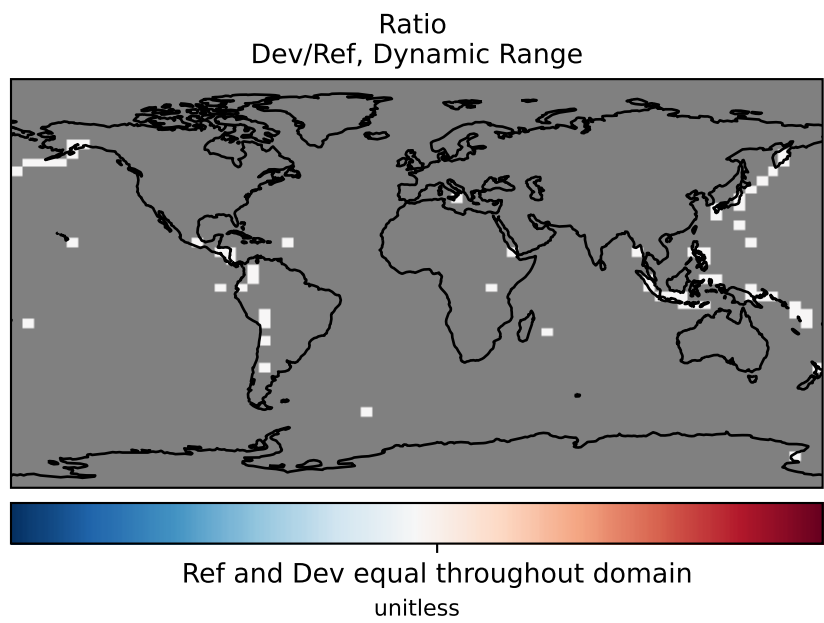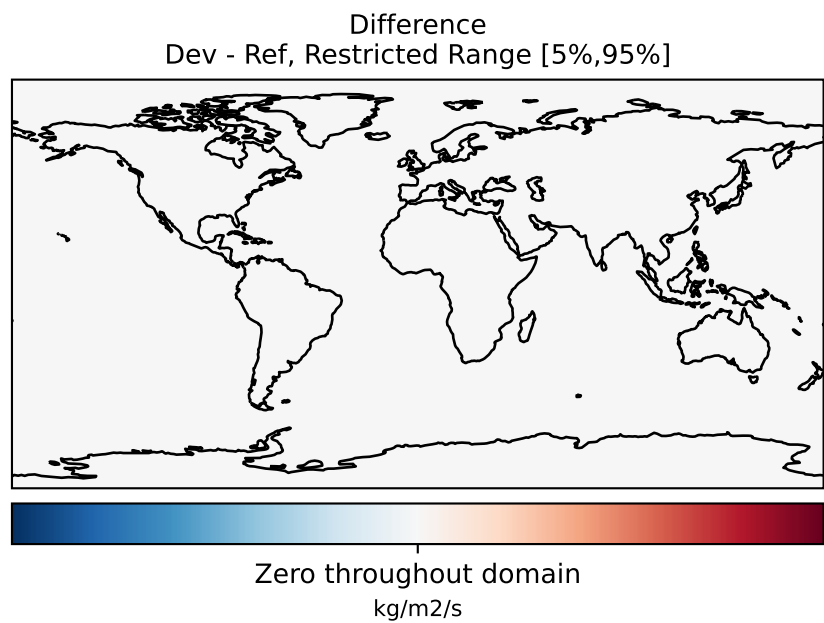Zero throughout domain
kg/m2/s
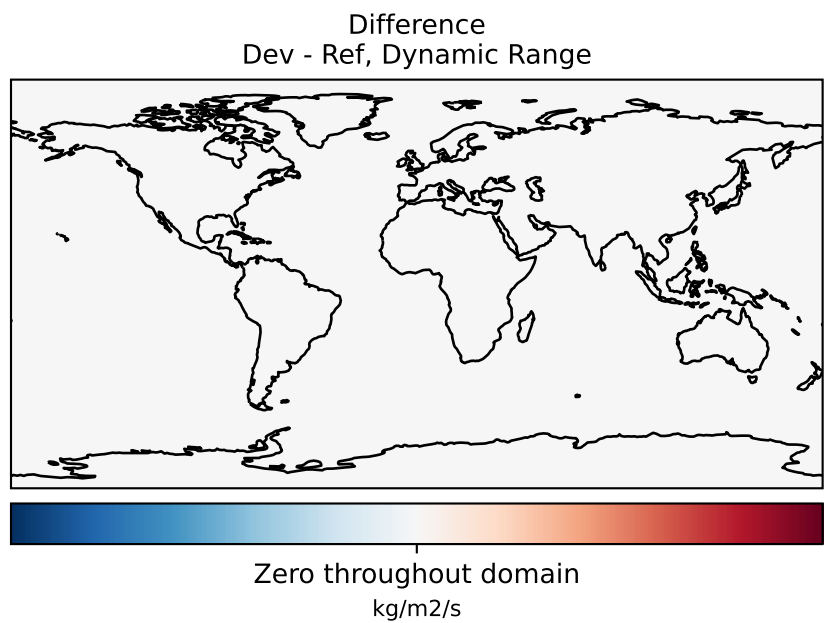
Ratio
Dev/Ref, Dynamic Range

Ratio
Dev/Ref, Fixed Range

Ref and Dev equal throughout domain
unitless

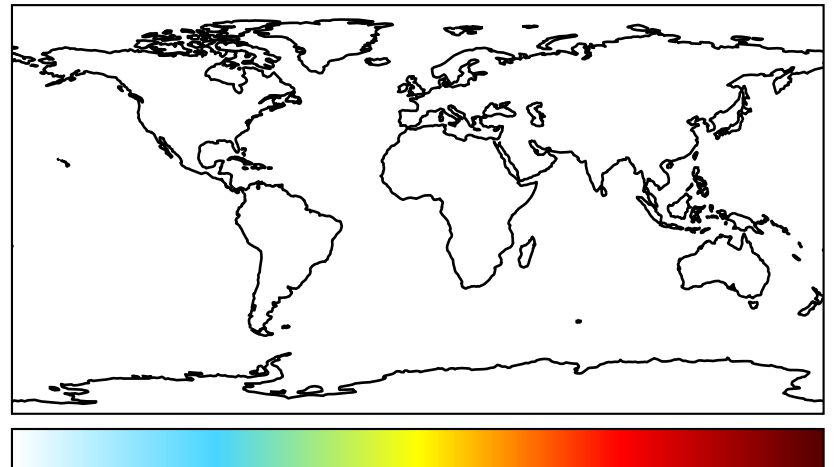# EmisSO2_VolcErupt

gcc-4x5-1Mon-14.6.2 (Ref)
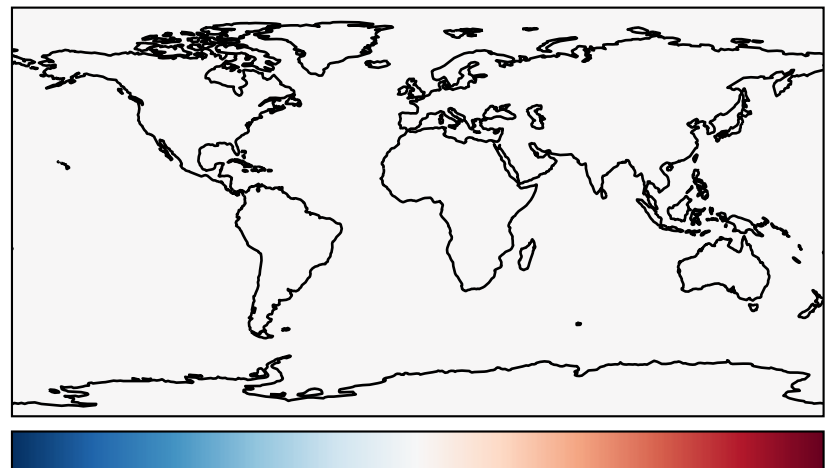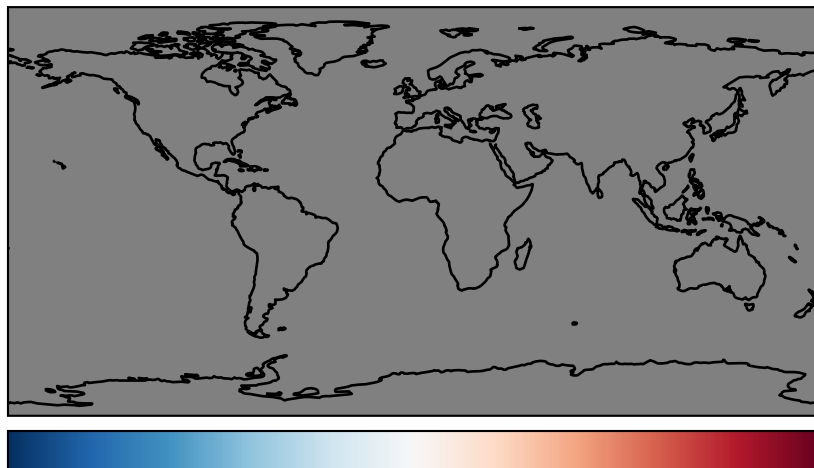4.0x5.0

gcc-4x5-1Mon-14.7.0-alpha.0 (Dev)
4.0x5.0

Zero throughout domain
kg/m2/s

Zero throughout domain
kg/m2/s

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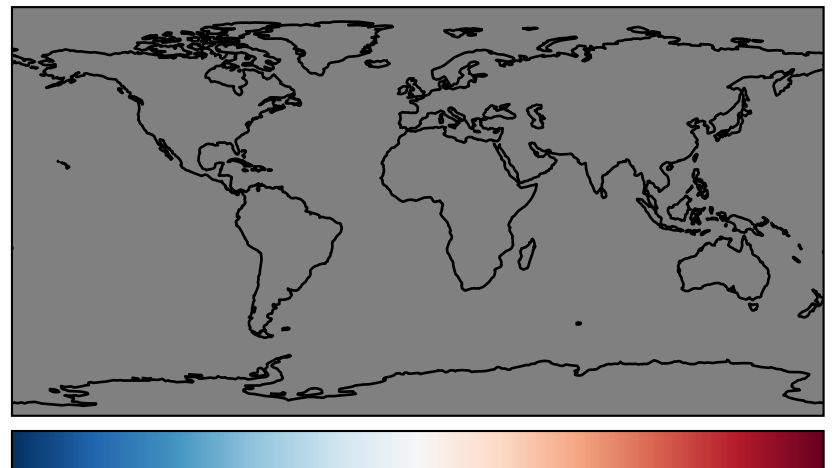
Difference
Dev - Ref, Restricted Range [5%,95%]

Zero throughout domain
kg/m2/s

Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range

Ratio
Dev/Ref, Fixed Range

Undefined throughout domain
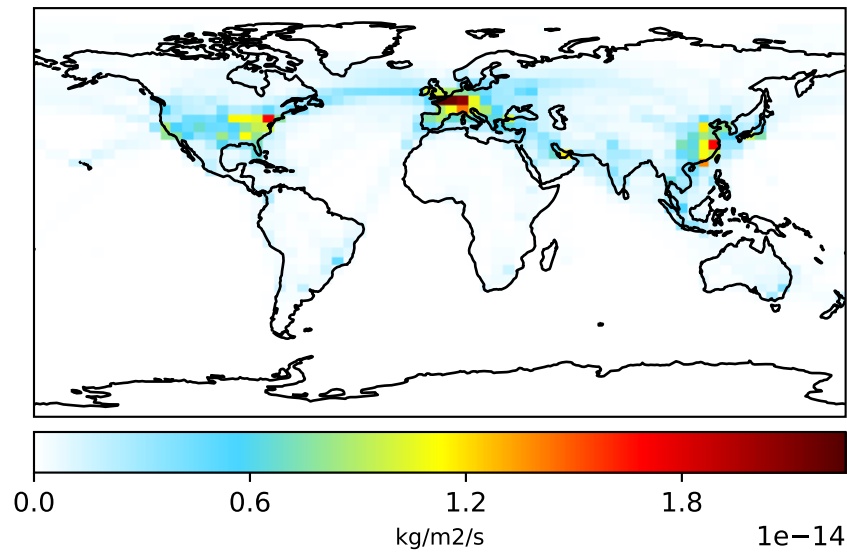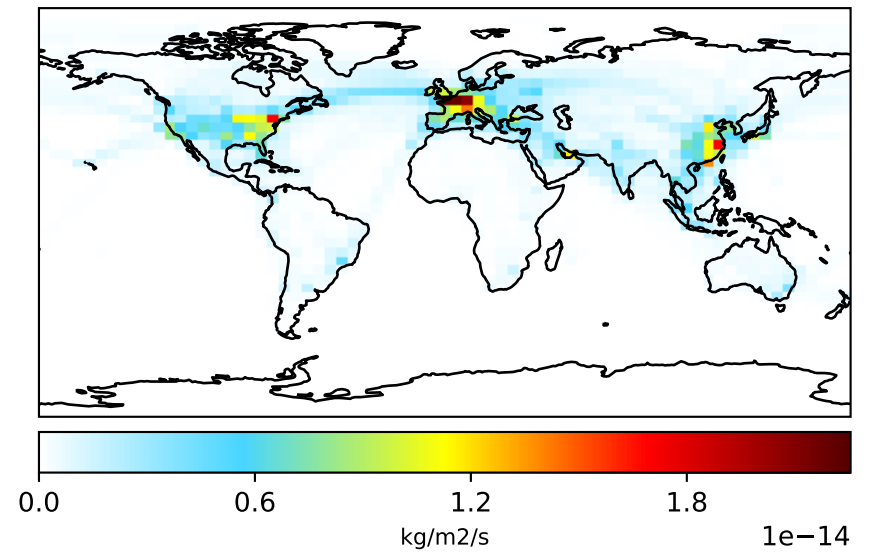unitless

Undefined throughout domain
unitless

EmisSO4_Aircraft

gcc-4x5-1Mon-14.6.2 (Ref)
4.0x5.0

gcc-4x5-1Mon-14.7.0-alpha.0 (Dev)
4.0x5.0

0.0   0.6   1.2   1.8
kg/m2/s   1e−14

0.0   0.6   1.2   1.8
kg/m2/s   1e−14

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
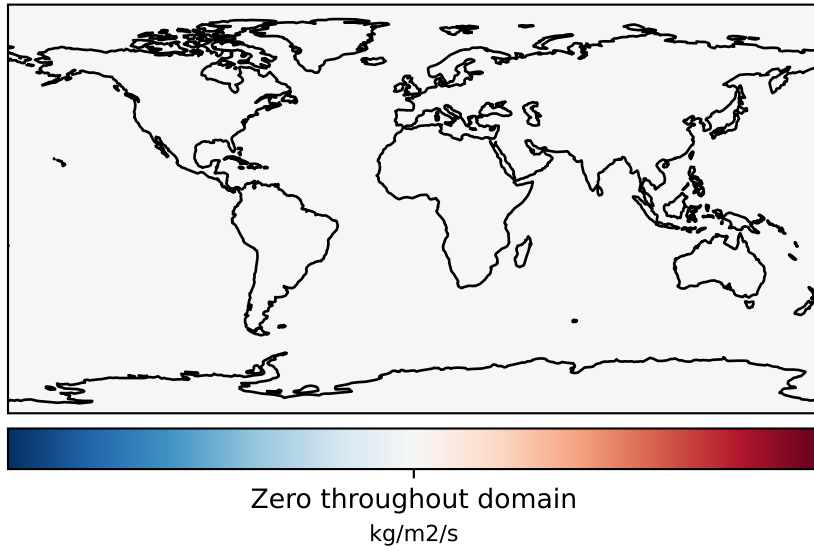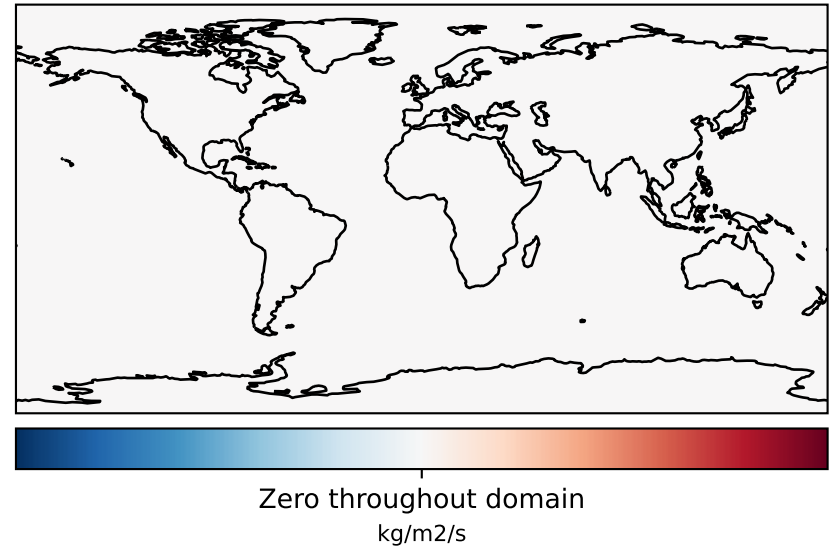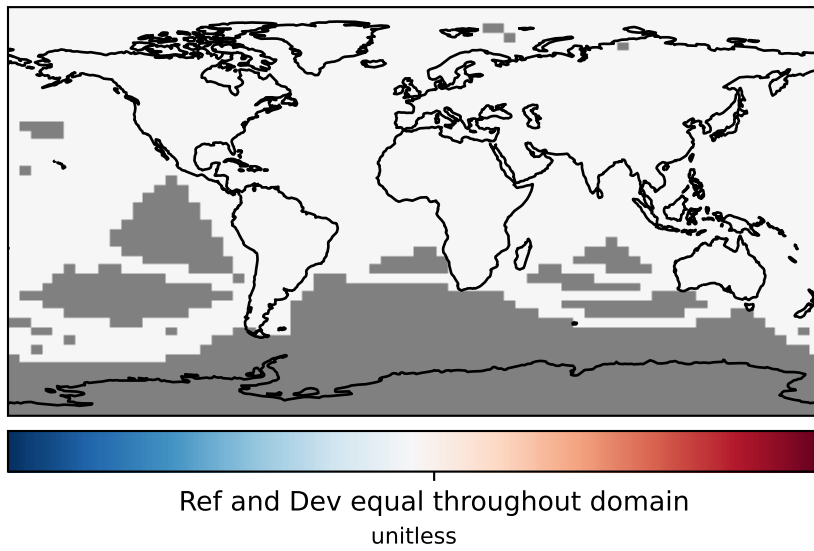unitless

EmisSO4_Anthro

gcc-4x5-1Mon-14.6.2 (Ref)
4.0x5.0

gcc-4x5-1Mon-14.7.0-alpha.0 (Dev)
4.0x5.0

kg/m2/s

Difference
Dev - Ref, Dynamic Range

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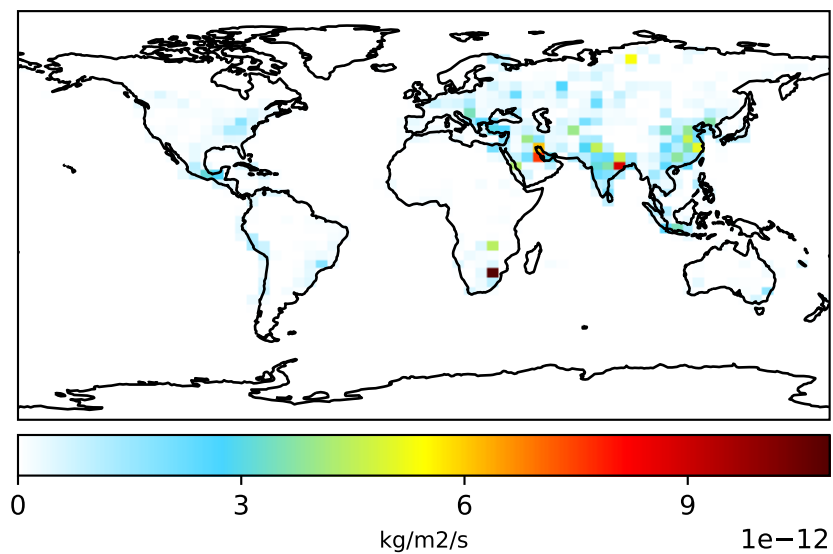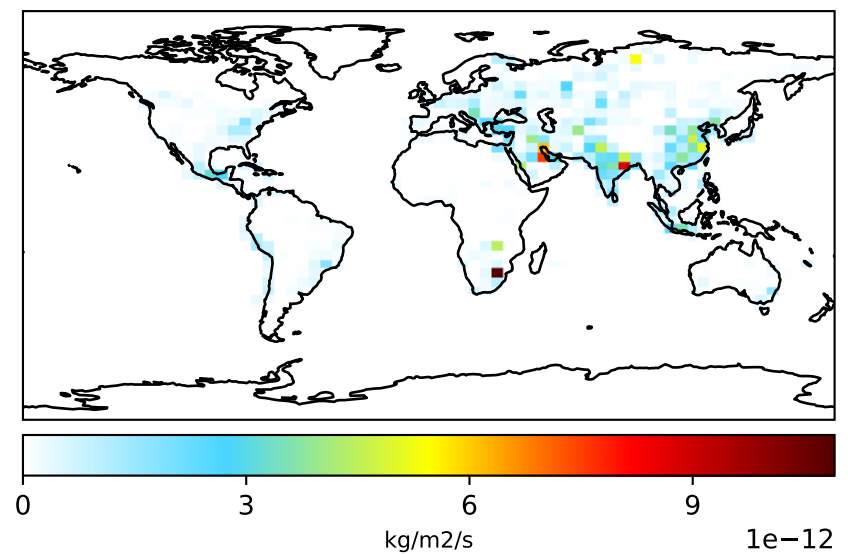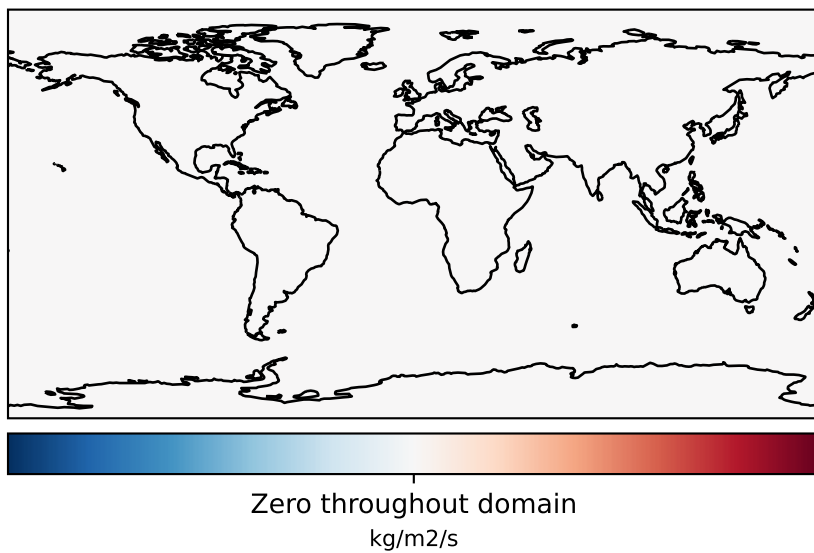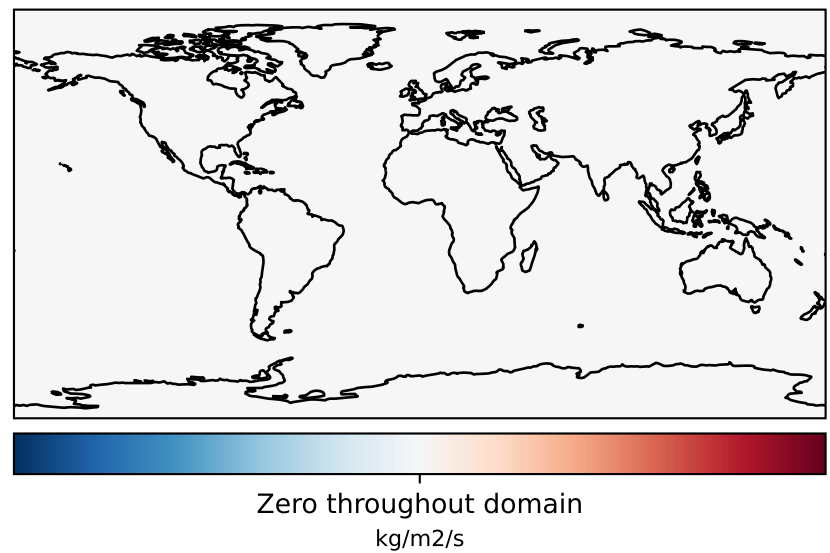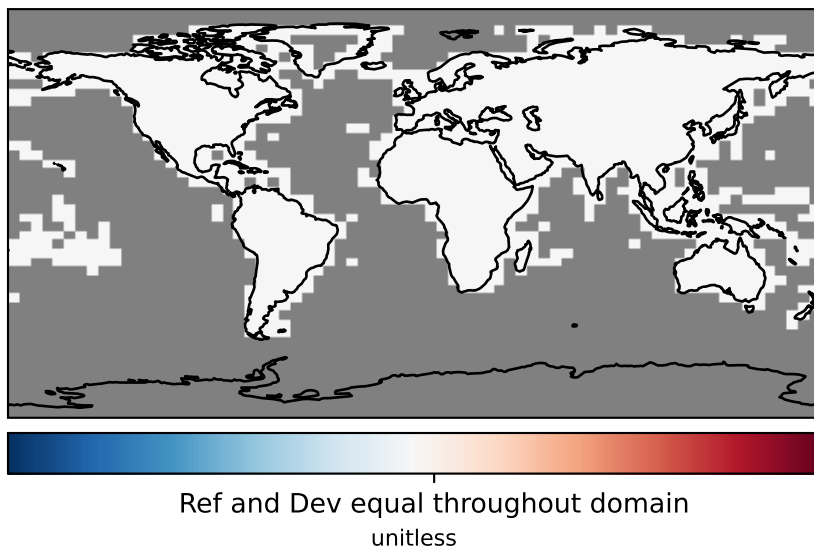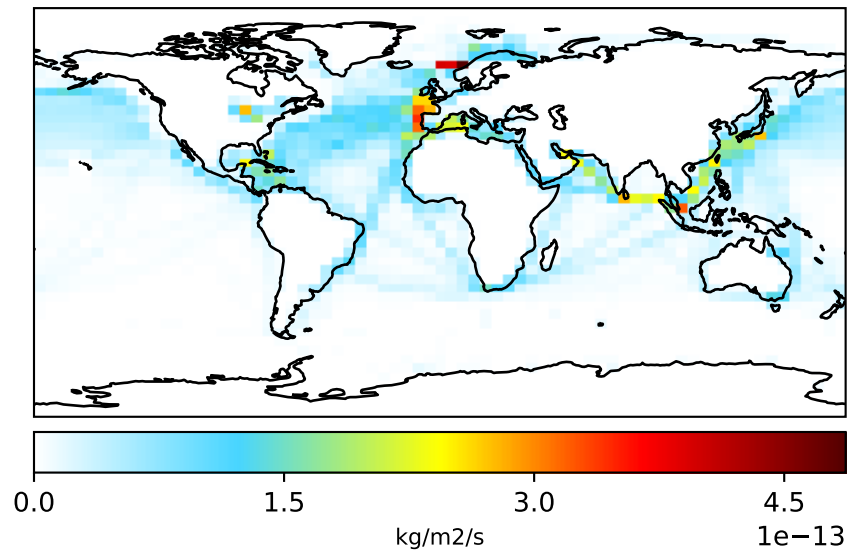Dev - Ref, Restricted Range [5%,95%]

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

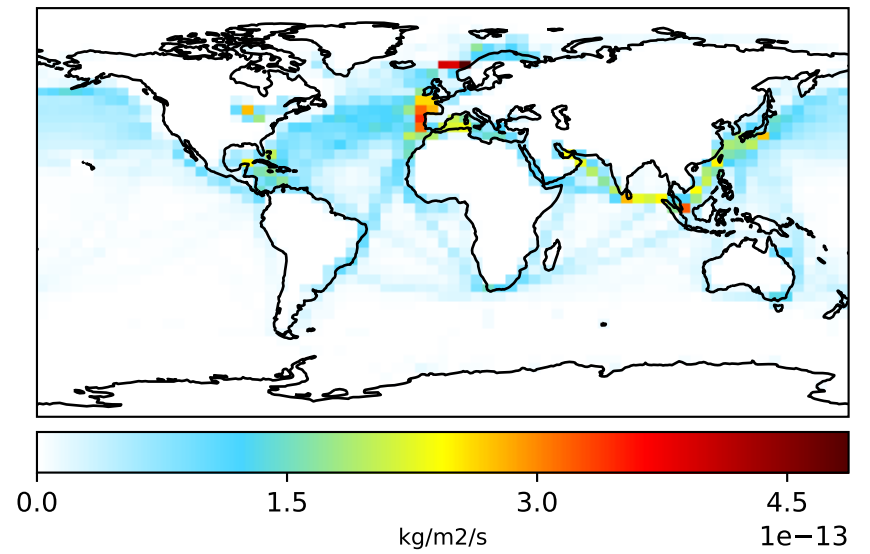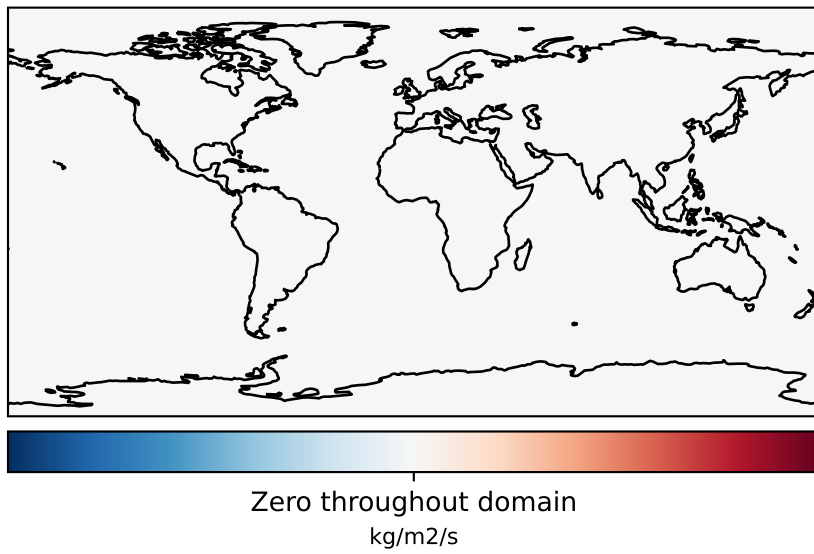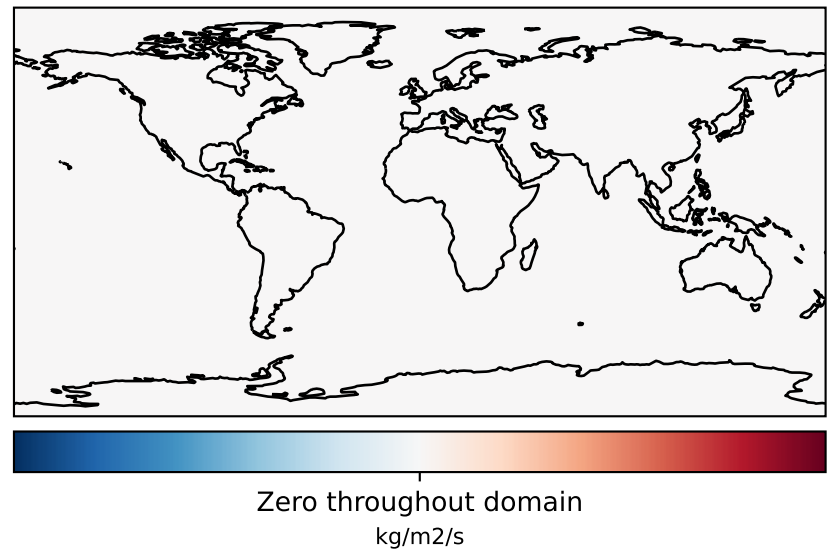Ref and Dev equal throughout domain
unitless

EmisSO4_Ship

EmisSO4_Total

gcc-4x5-1Mon-14.6.2 (Ref)
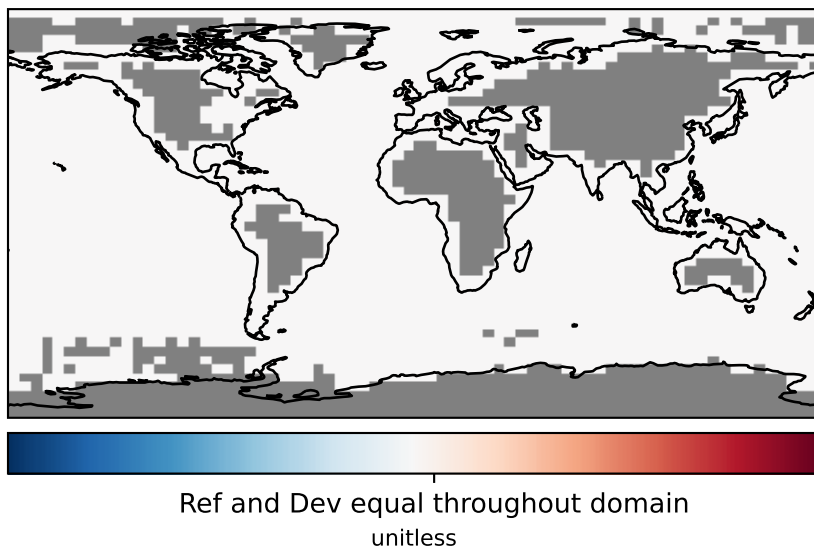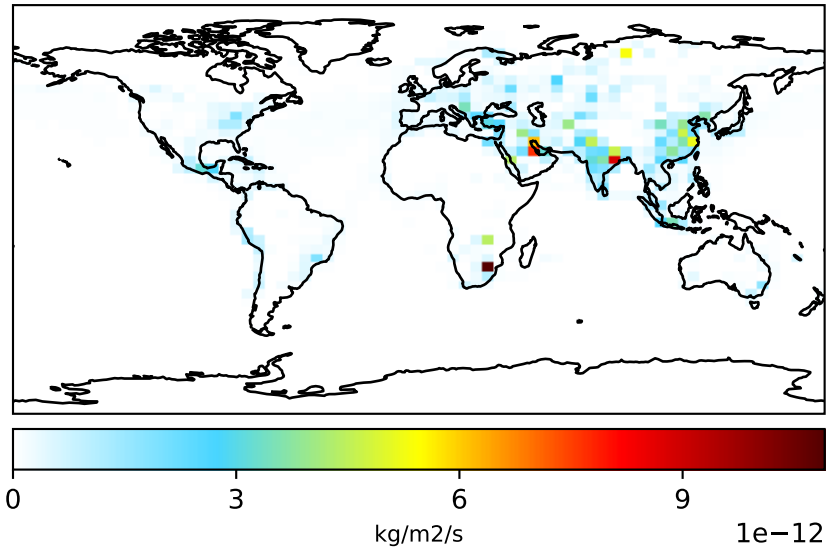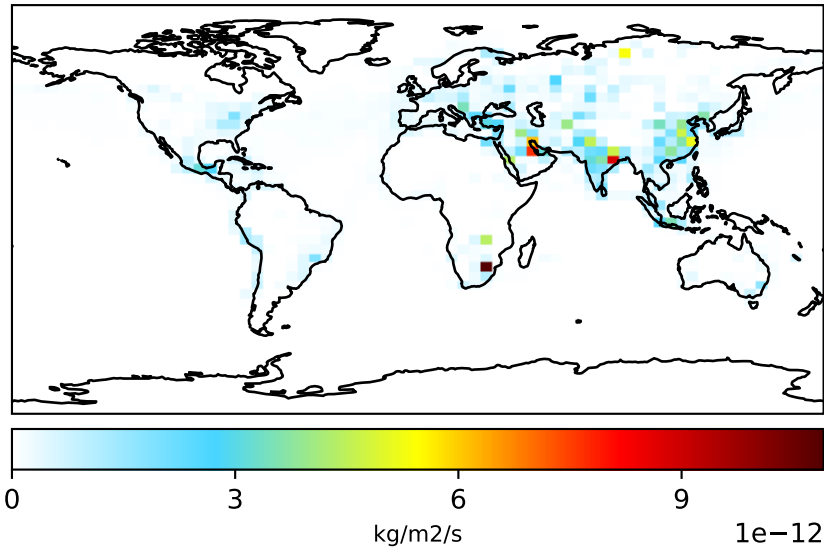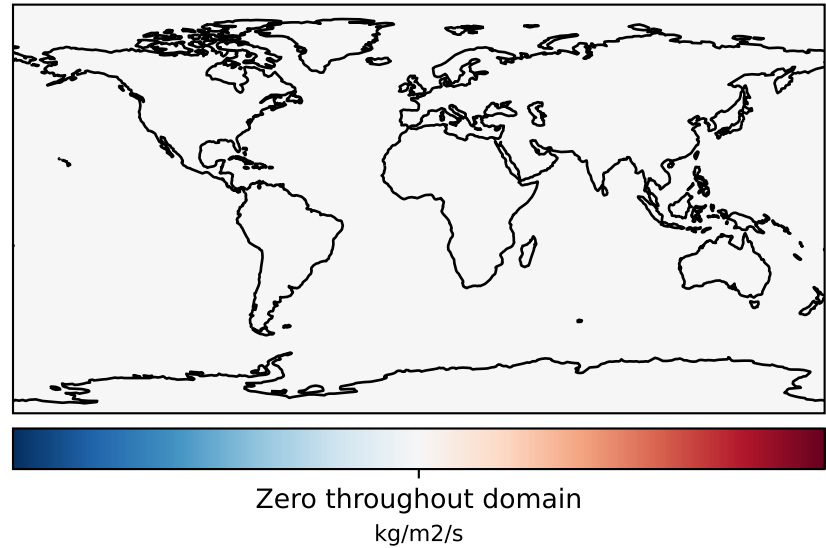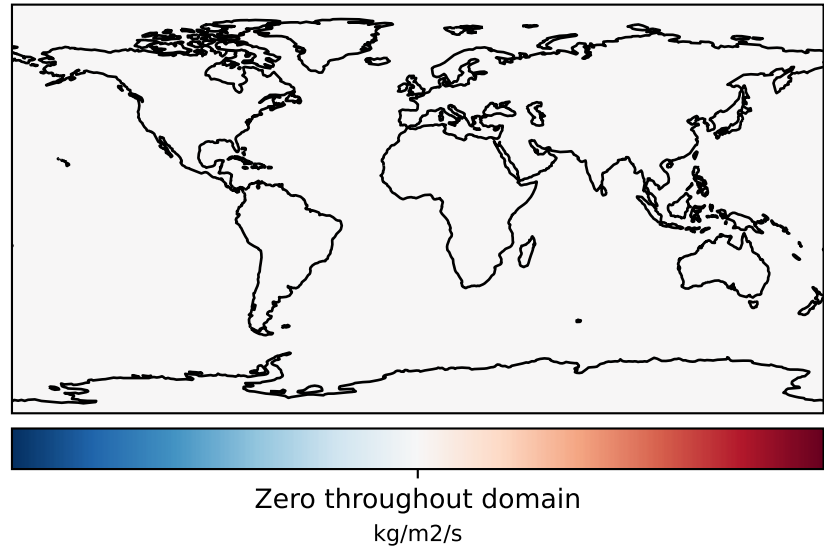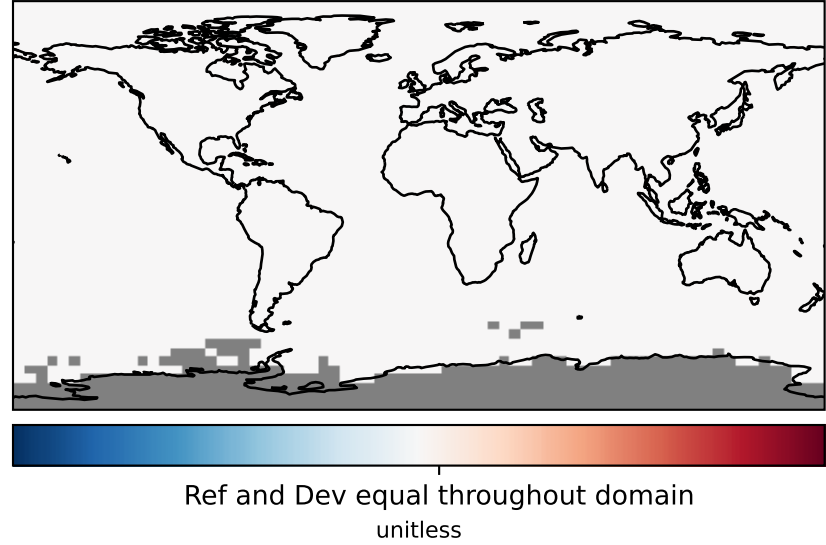4.0x5.0

gcc-4x5-1Mon-14.7.0-alpha.0 (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