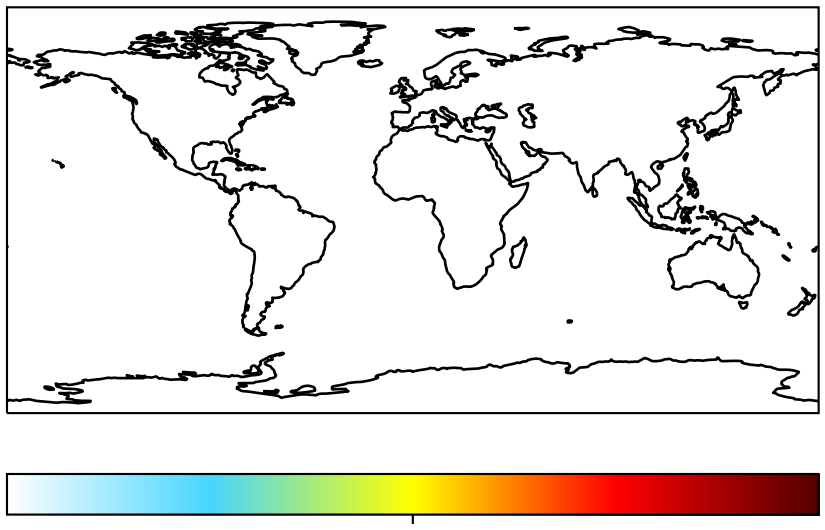
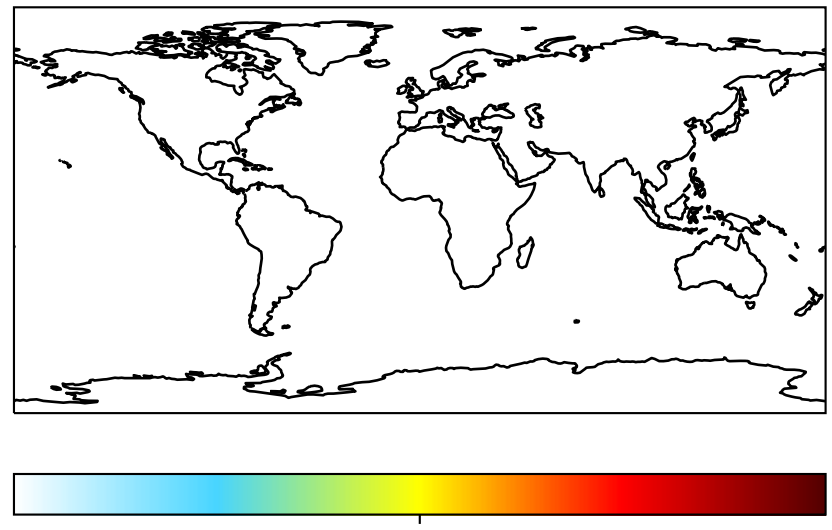
EmisALD2_Ship

GCHP_13.1.0-beta.1 (Ref)
c48



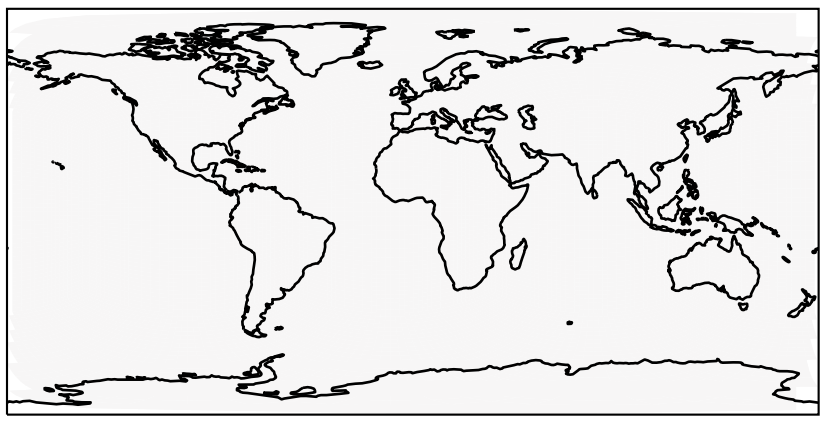
Zero throughout domain
kg/m2/s

GCHP_13.2.0-beta.0 (Dev)
c48



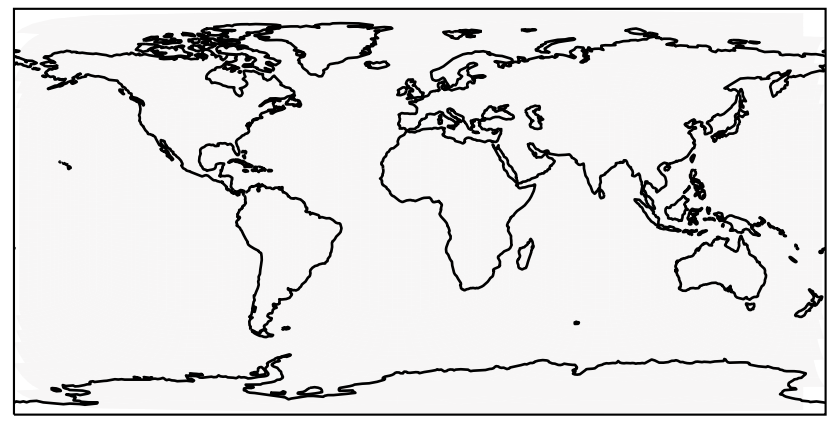
Zero throughout domain
kg/m2/s

Difference
Dev - Ref, Dynamic Range



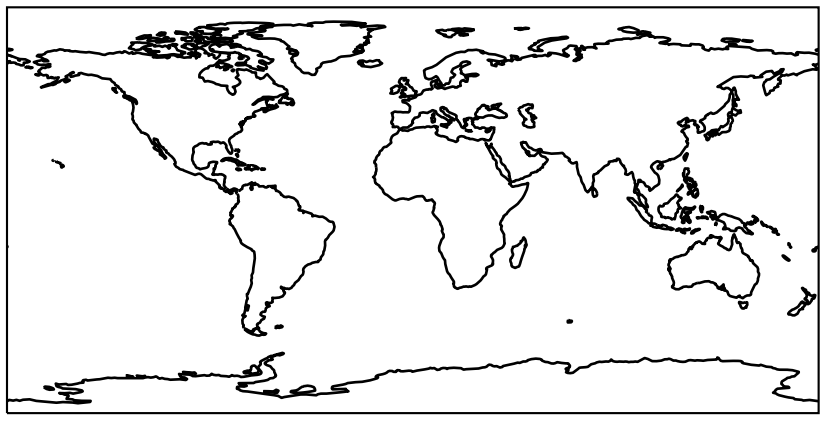
Zero throughout domain
kg/m2/s

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



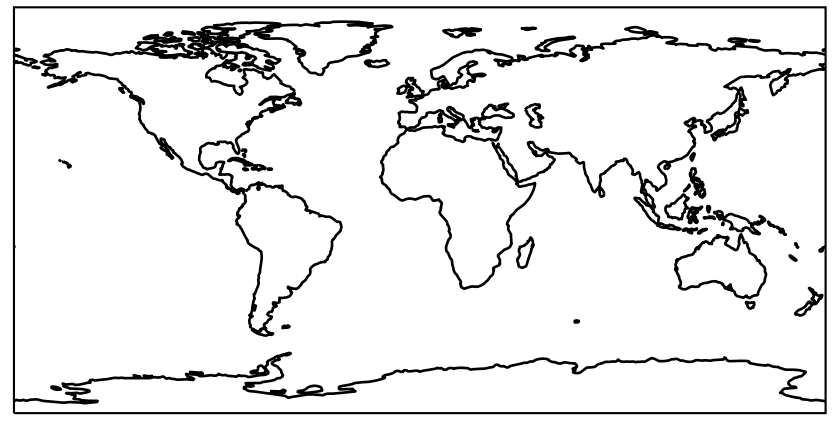
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



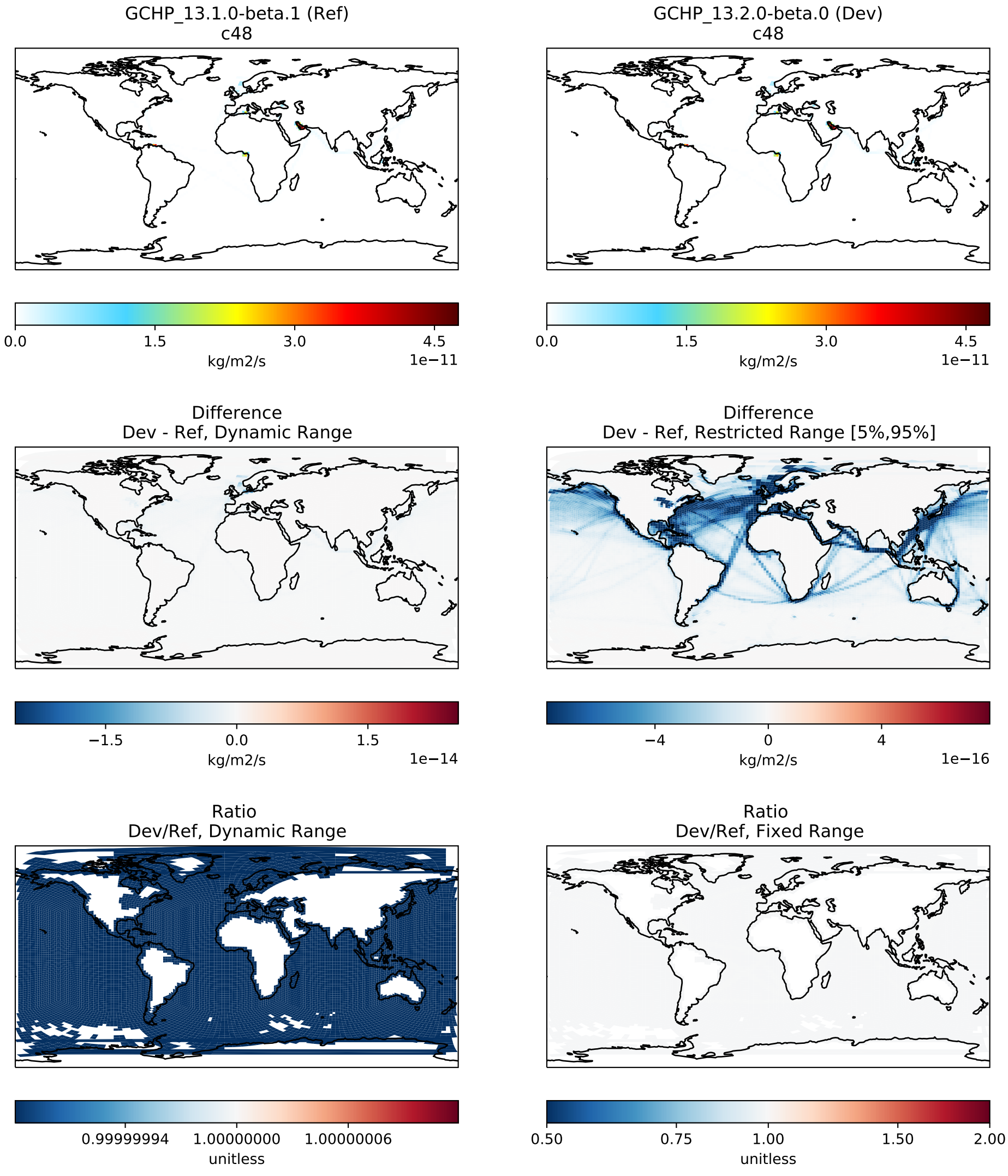
Undefined throughout domain
unitless

Ratio
Dev/Ref, Fixed Range

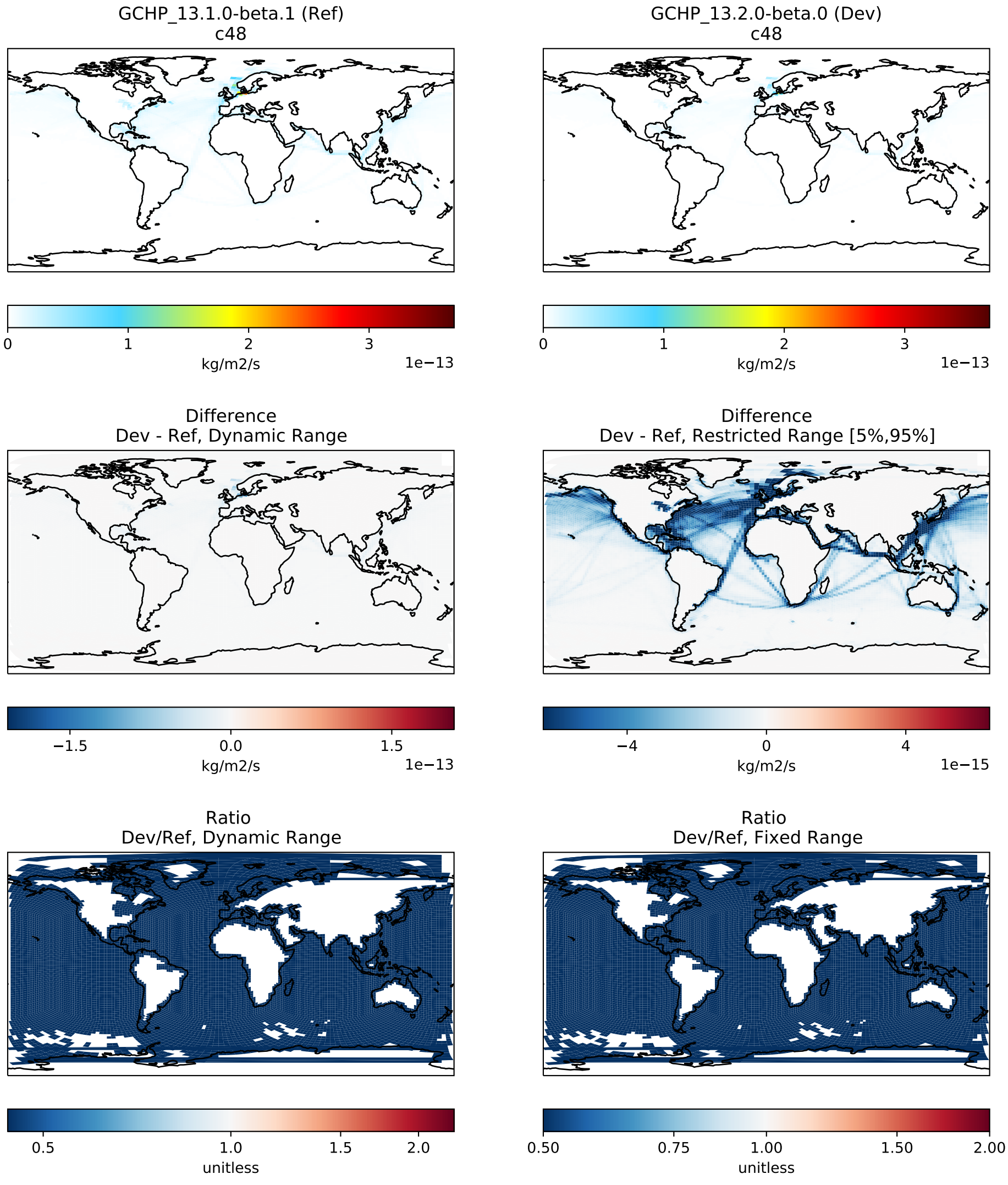


Undefined throughout domain
unitless

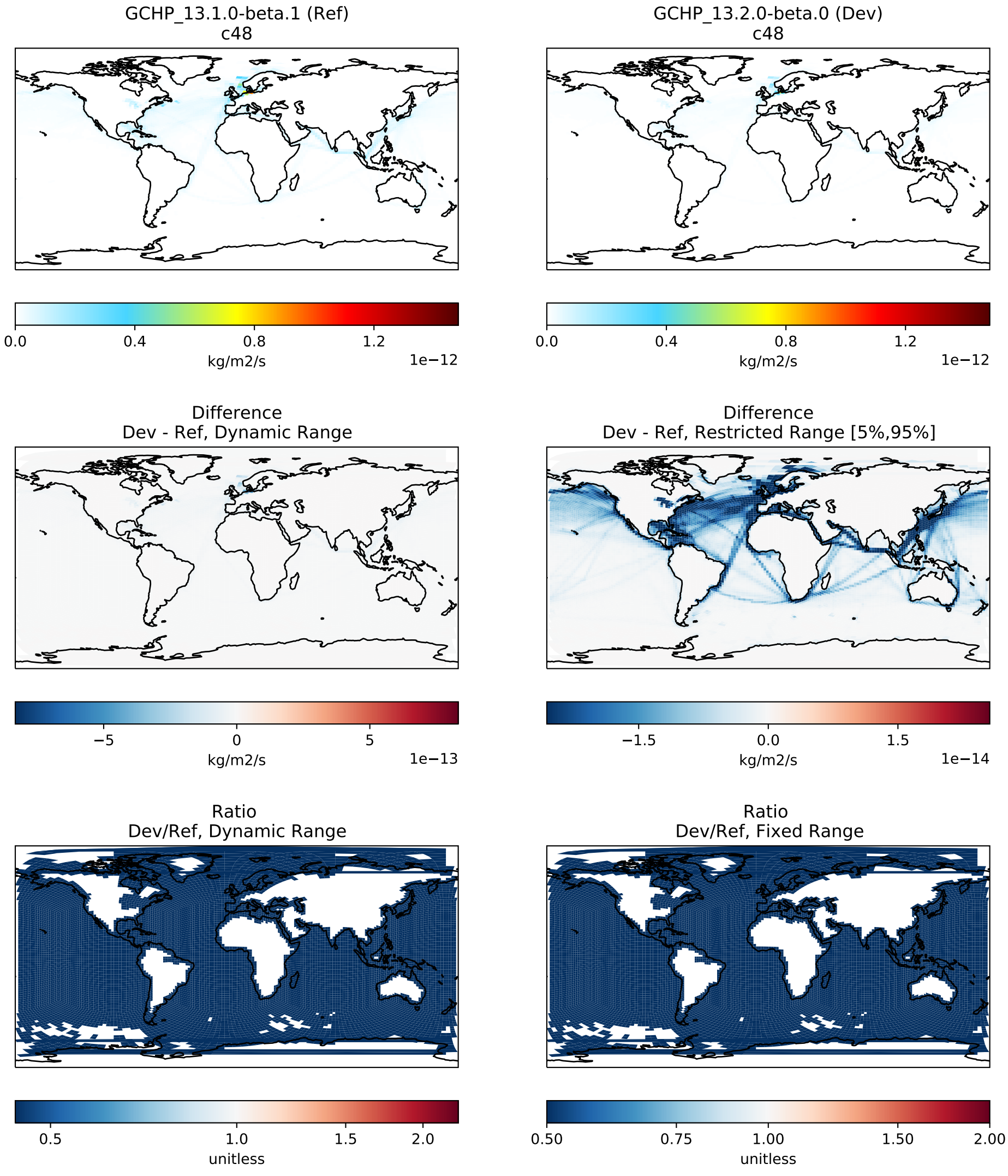
EmisALK4_Ship



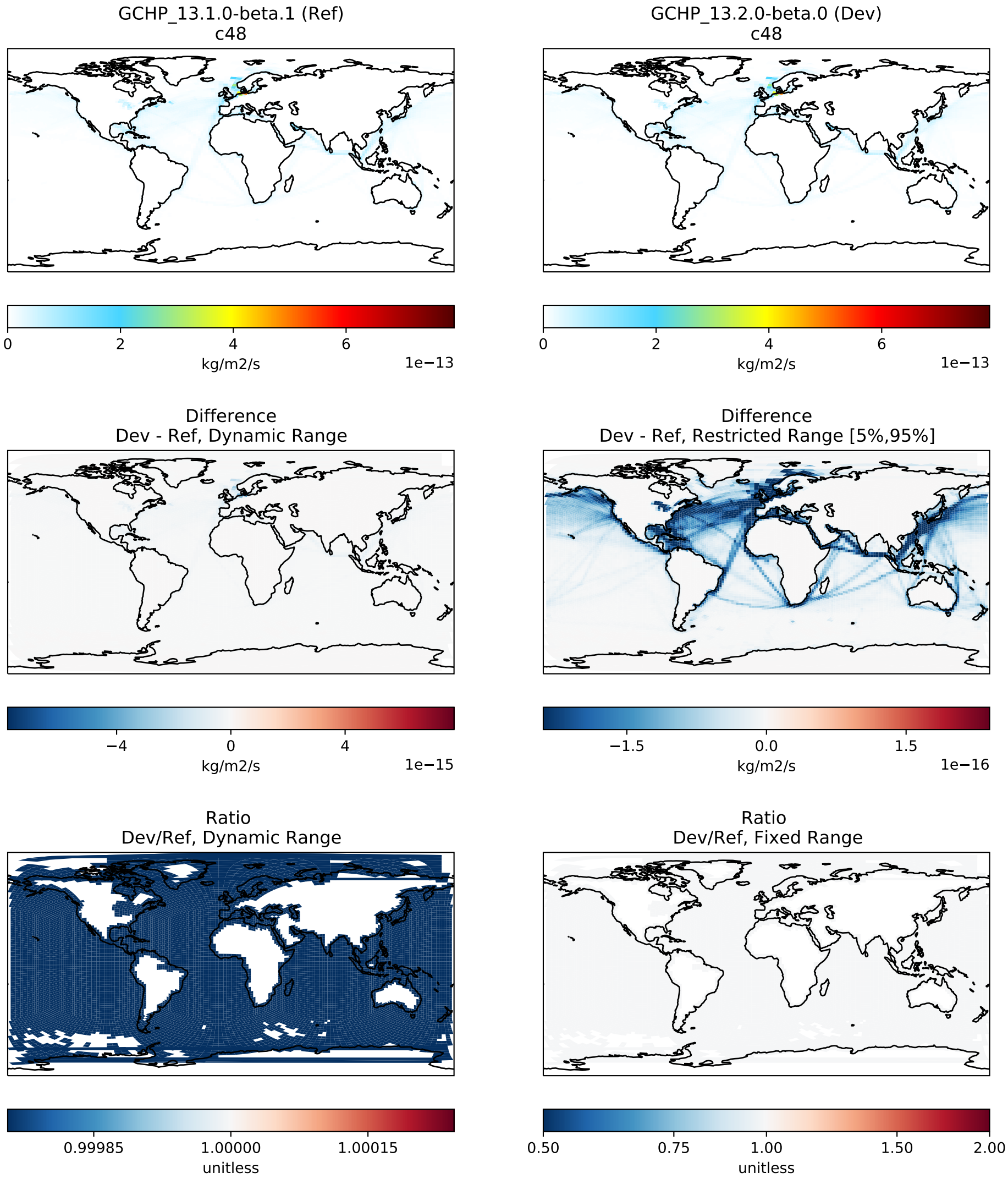
EmisBCPI_Ship



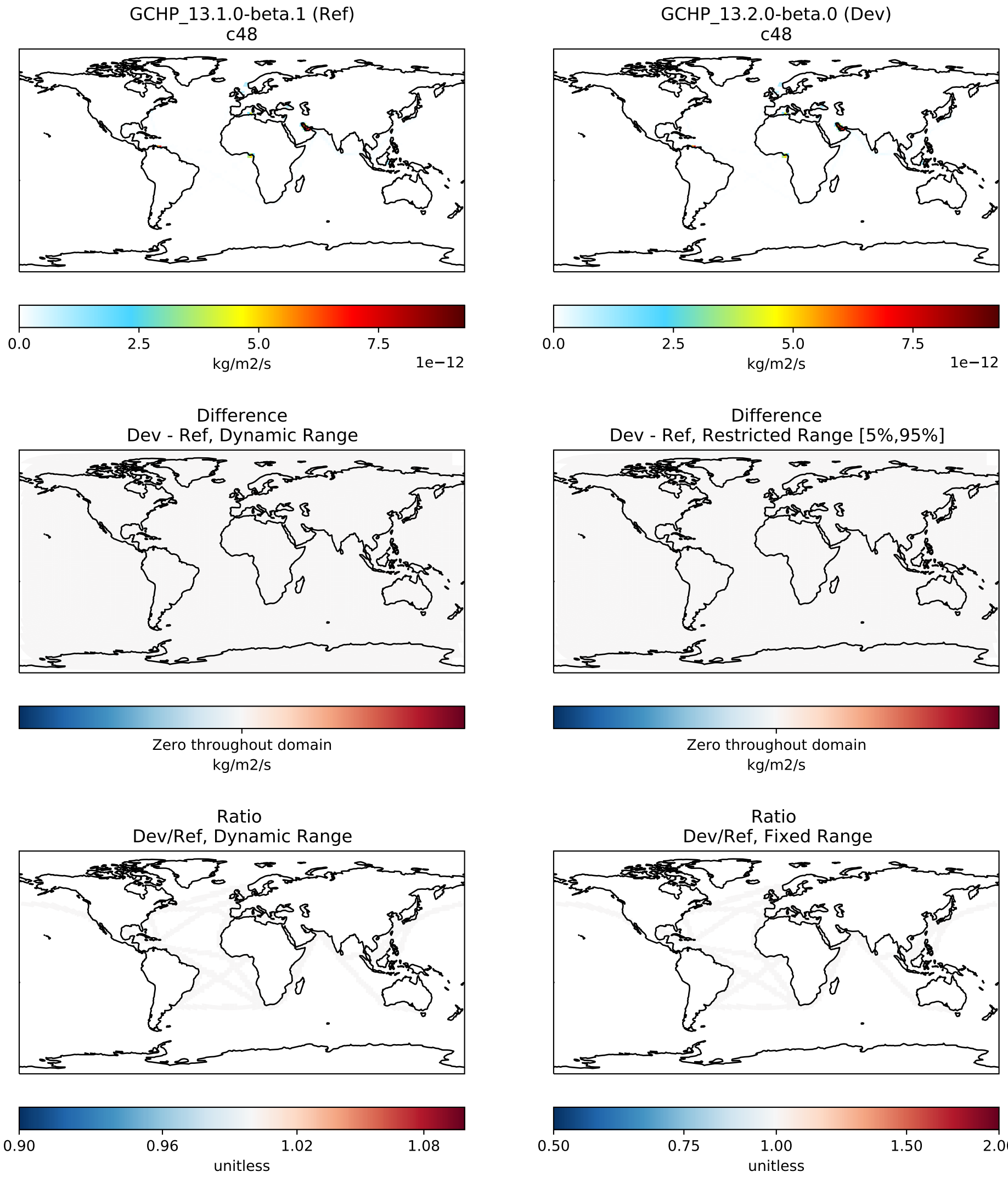
EmisBCPO_Ship



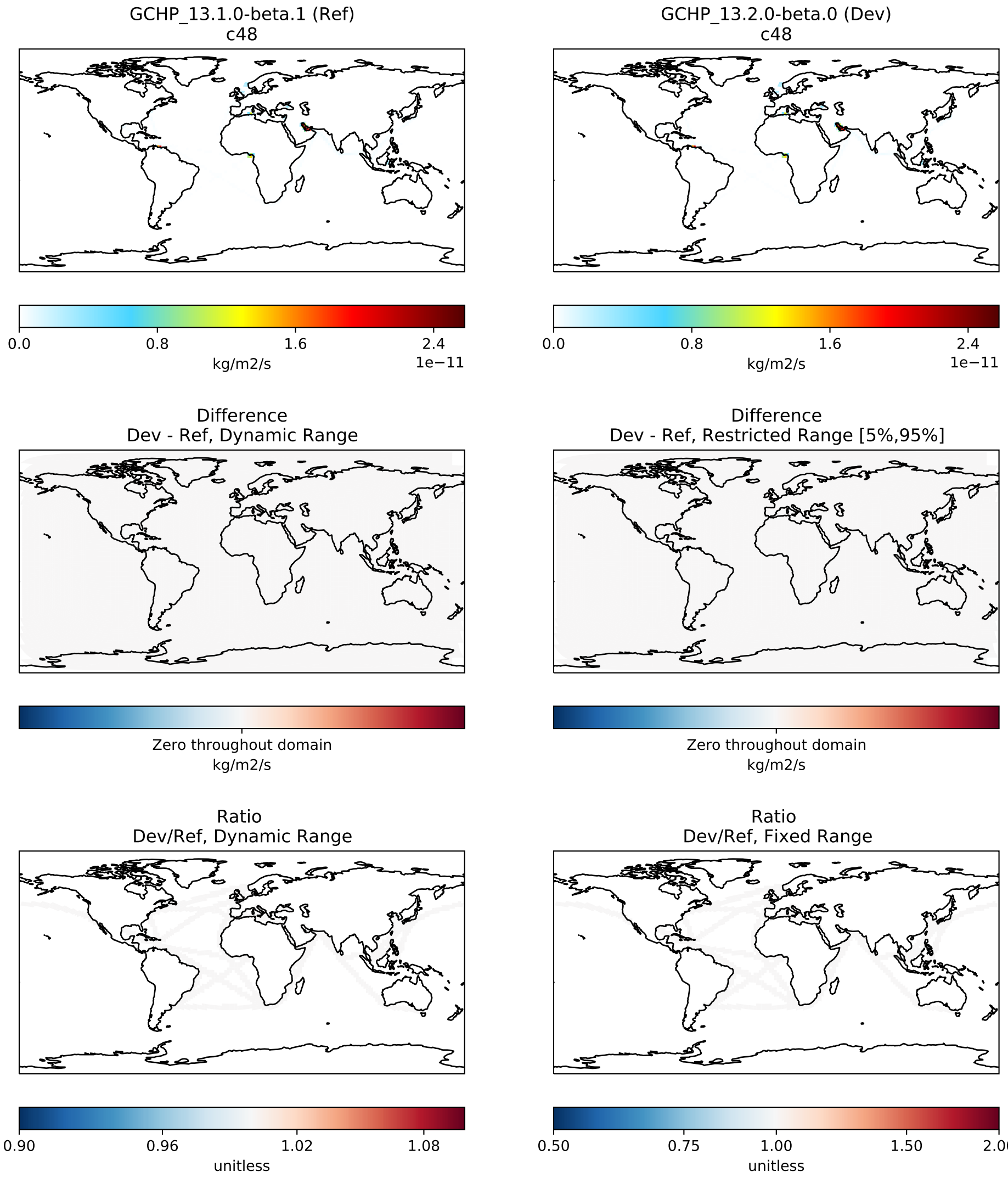
EmisBENZ_Ship



EmisC2H6_Ship

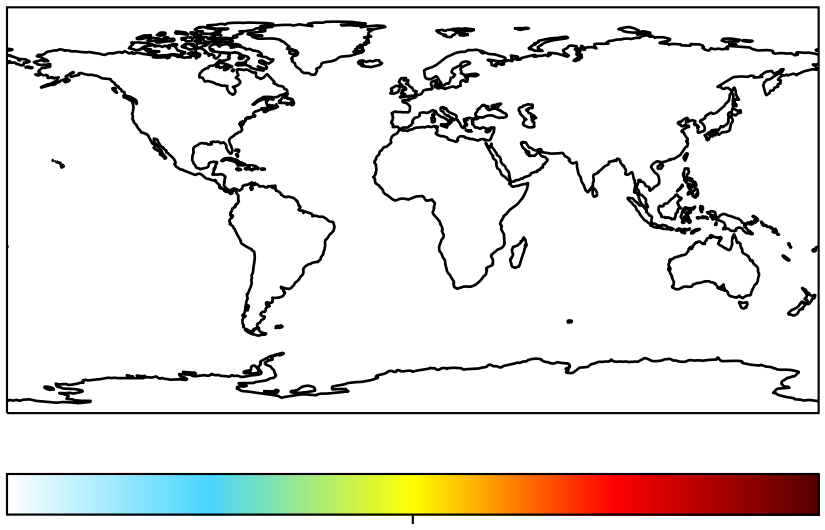


EmisC3H8_Ship



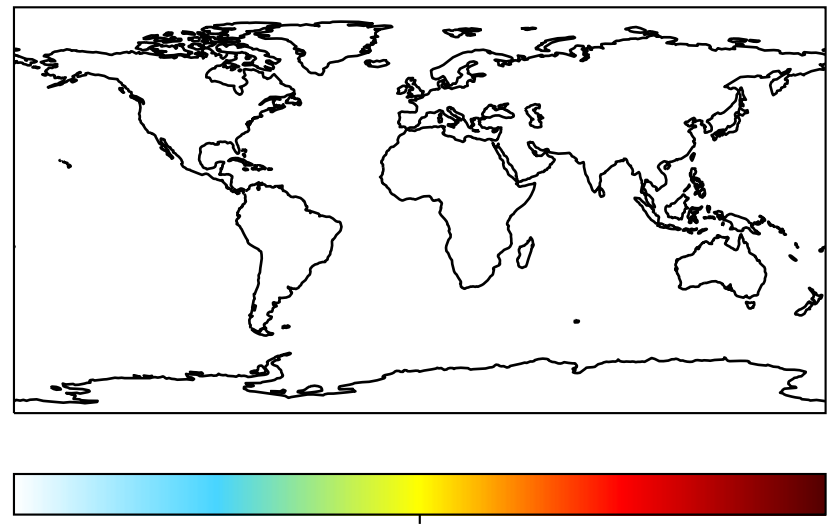
EmisCH2O_Ship

GCHP_13.1.0-beta.1 (Ref)
c48



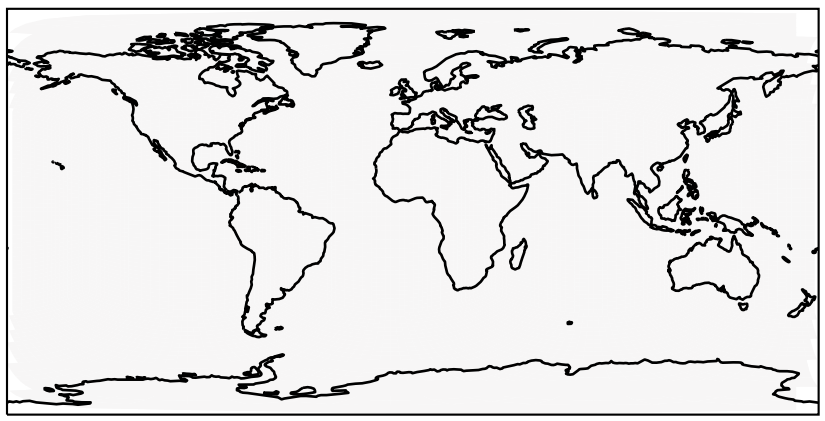
Zero throughout domain
kg/m2/s

GCHP_13.2.0-beta.0 (Dev)
c48



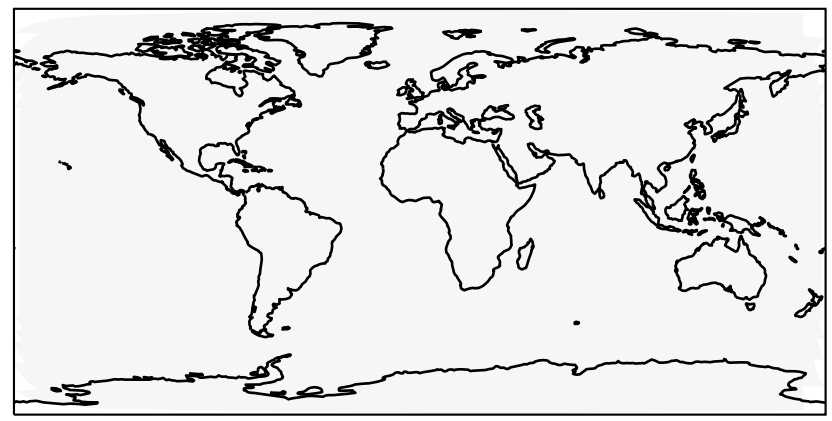
Zero throughout domain
kg/m2/s

Difference
Dev - Ref, Dynamic Range



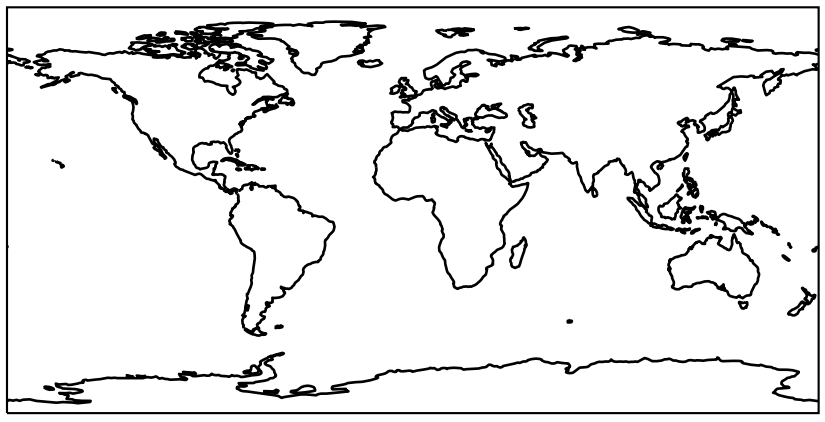
Zero throughout domain
kg/m2/s

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



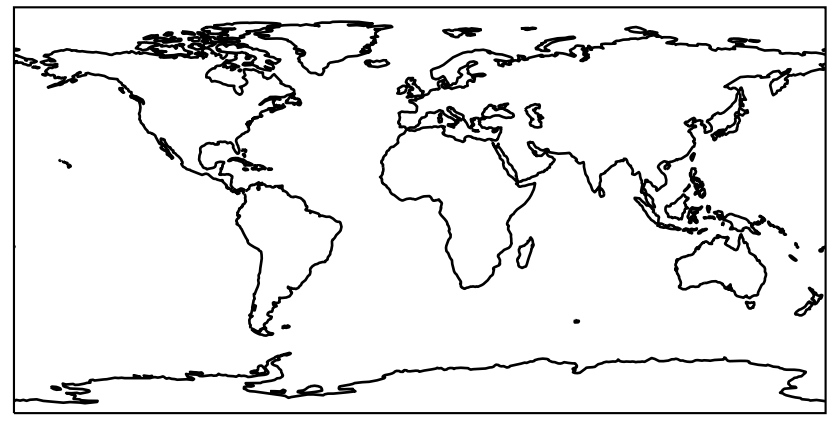
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

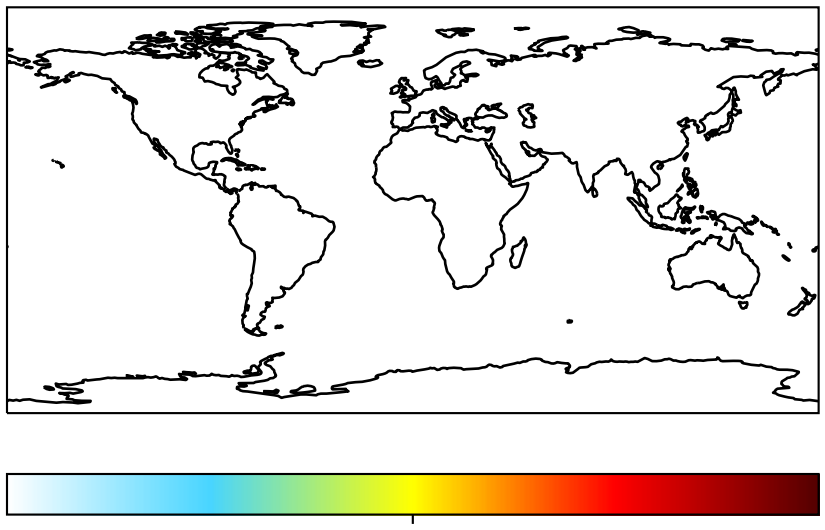
Ratio
Dev/Ref, Fixed Range



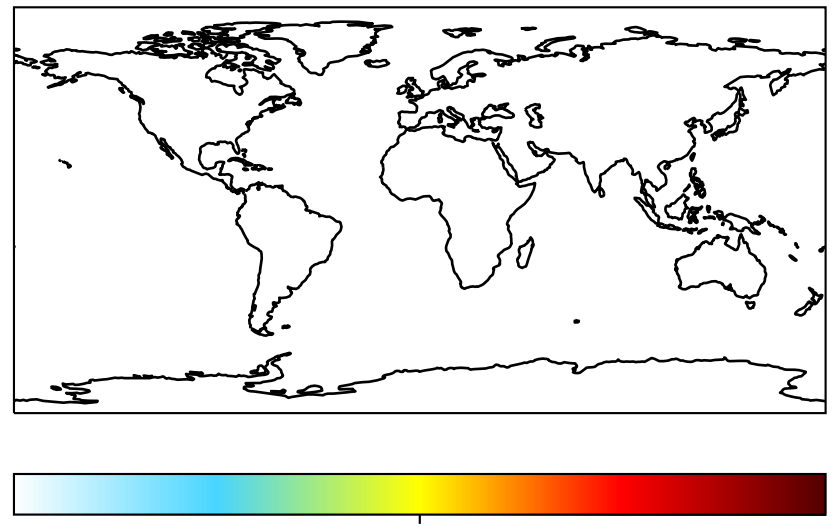
Undefined throughout domain
unitless

EmisCO2_Ship

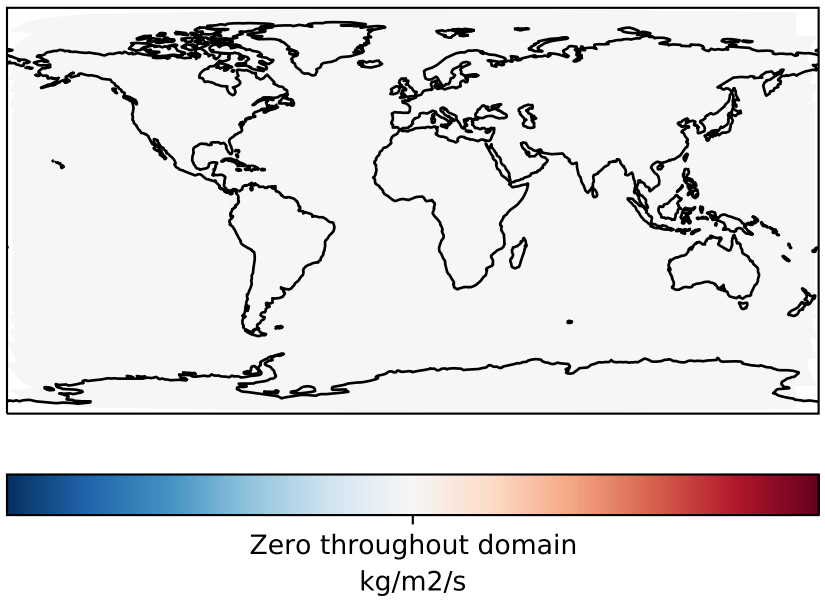
GCHP_13.1.0-beta.1 (Ref)
c48



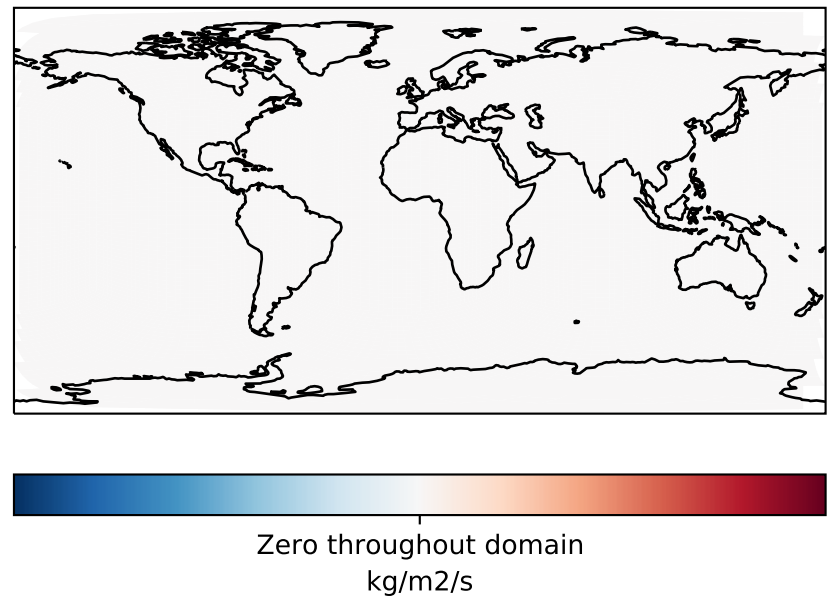
GCHP_13.2.0-beta.0 (Dev)
c48



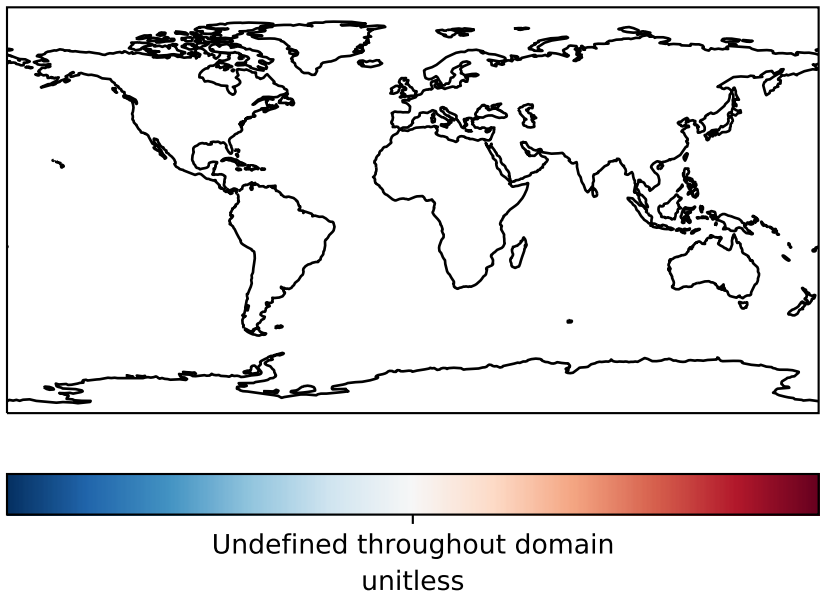
Difference
Dev - Ref, Dynamic Range



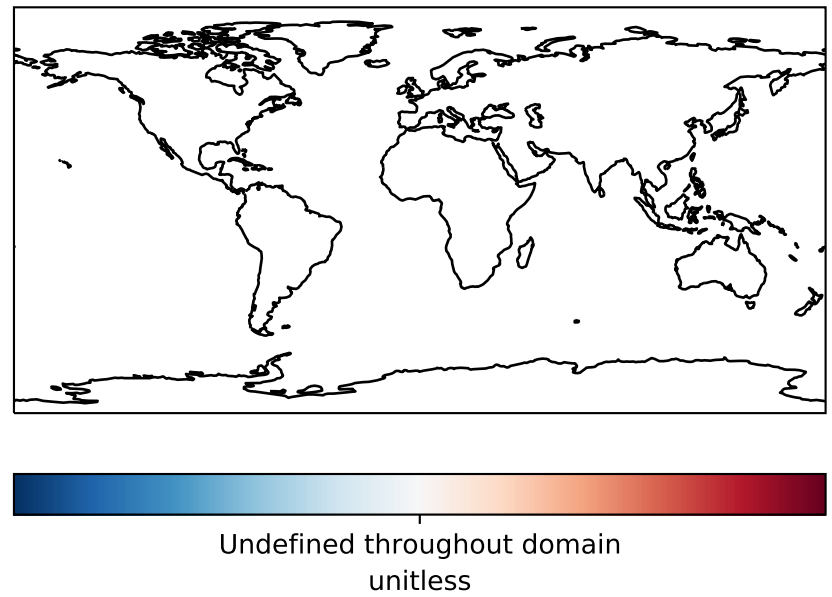
Difference
Dev - Ref, Restricted Range [5%,95%]



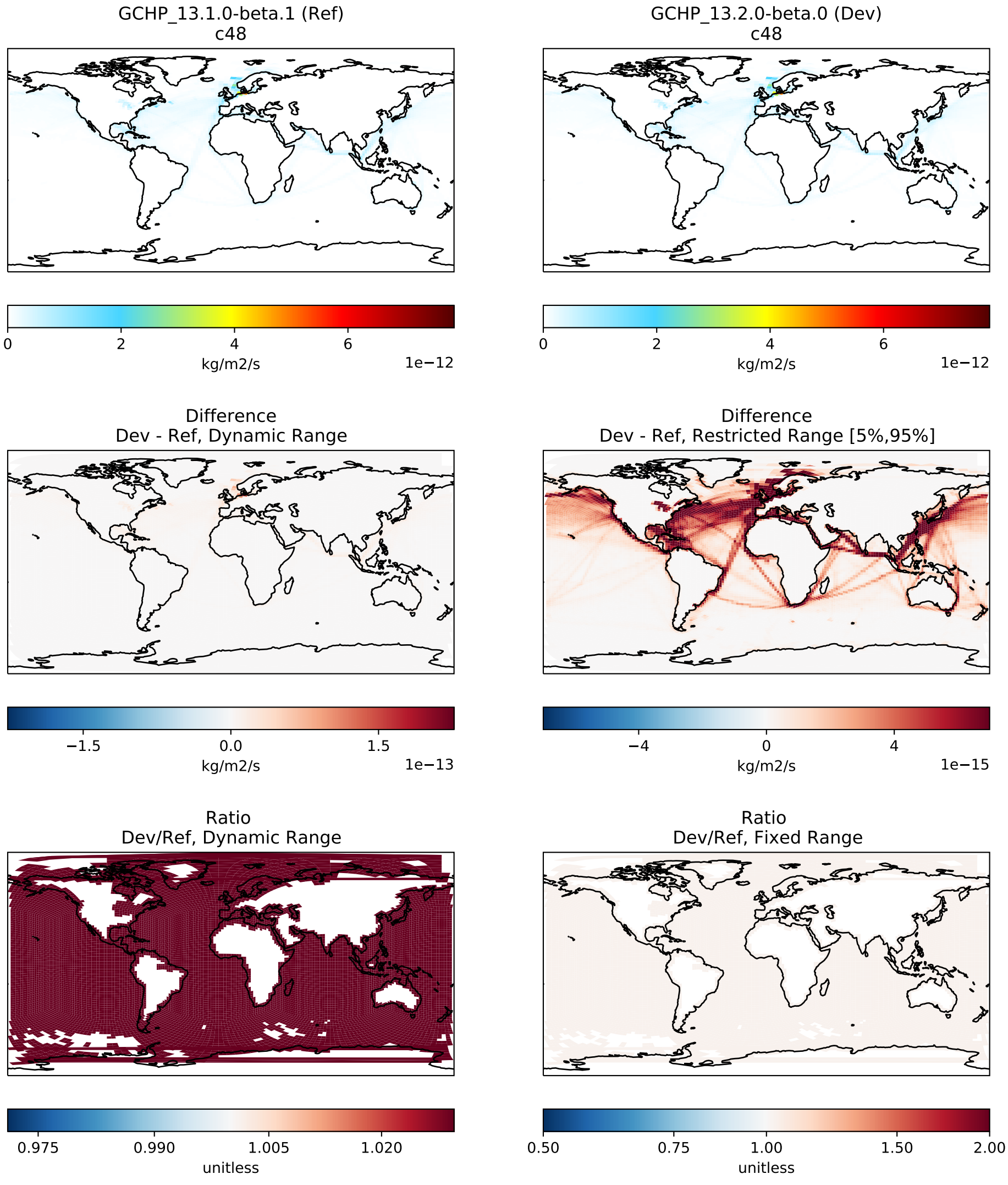
Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

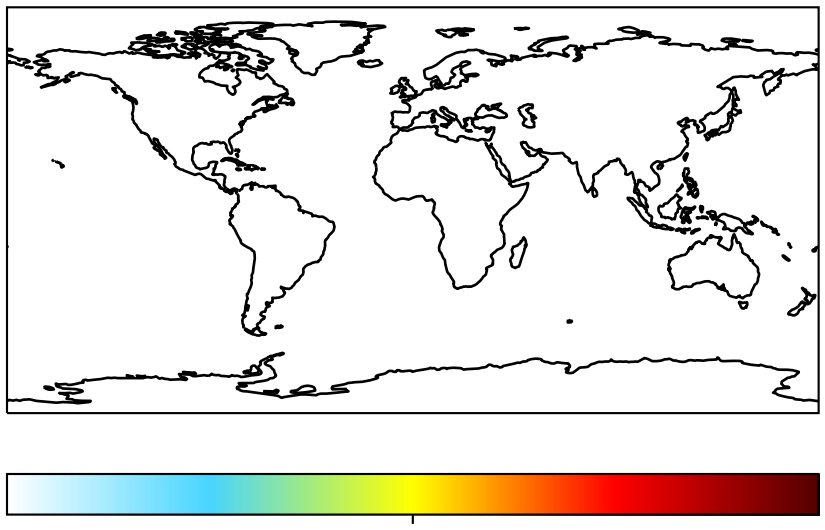


EmisCO_Ship


GCHP_13.1.0-beta.1 (Ref)
c48
0
2
4
6
kg/m2/s
1e−12
GCHP_13.2.0-beta.0 (Dev)
c48
0
2
4
6
kg/m2/s
1e−12
Difference
Dev - Ref, Dynamic Range
−1.5
0.0
1.5
kg/m2/s
1e−13
Difference
Dev - Ref, Restricted Range [5%,95%]
−4
0
4
kg/m2/s
1e−15
Ratio
Dev/Ref, Dynamic Range
0.975
0.990
1.005
1.020
unitless
Ratio
Dev/Ref, Fixed Range
0.50
0.75
1.00
1.50
2.00
unitless

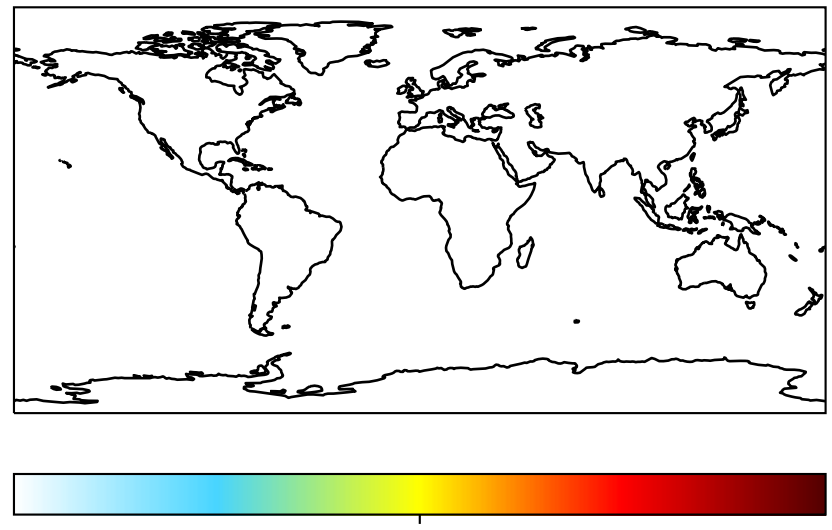
EmisEOH_Ship

GCHP_13.1.0-beta.1 (Ref)
c48



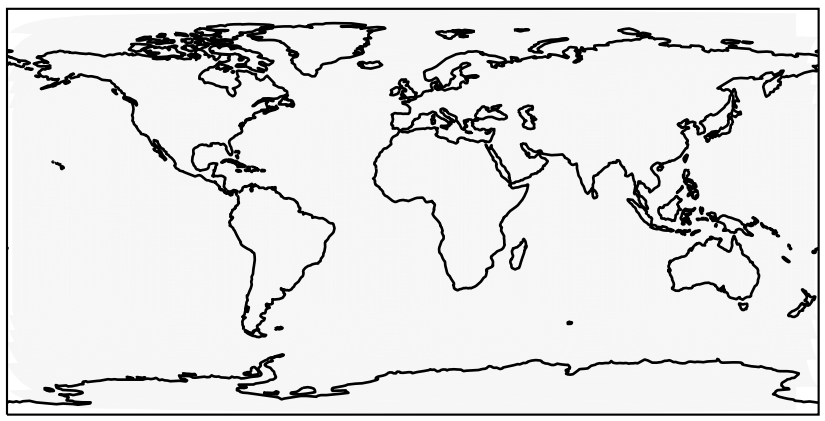
Zero throughout domain
kg/m2/s

GCHP_13.2.0-beta.0 (Dev)
c48



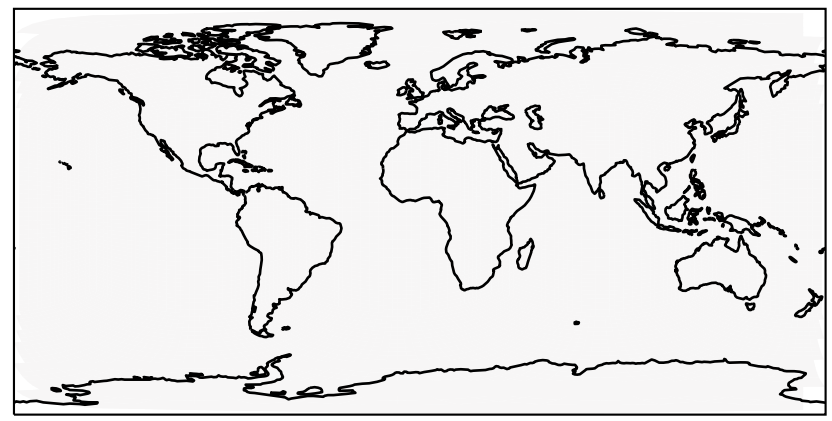
Zero throughout domain
kg/m2/s

Difference
Dev - Ref, Dynamic Range



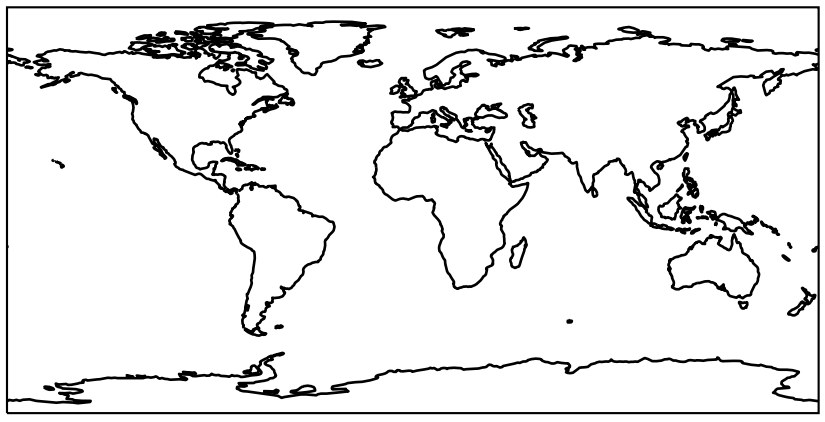
Zero throughout domain
kg/m2/s

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



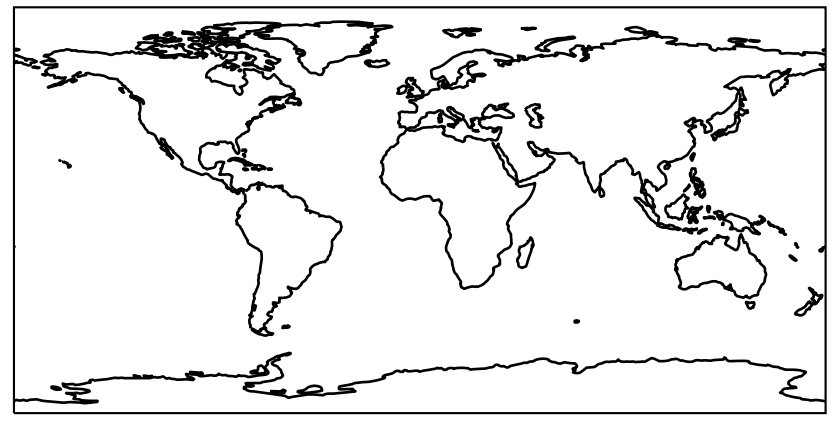
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

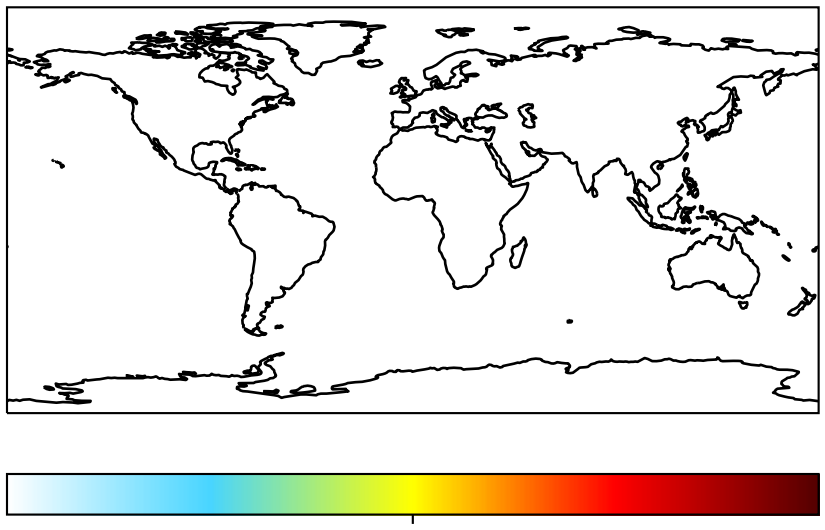
Ratio
Dev/Ref, Fixed Range



Undefined throughout domain
unitless

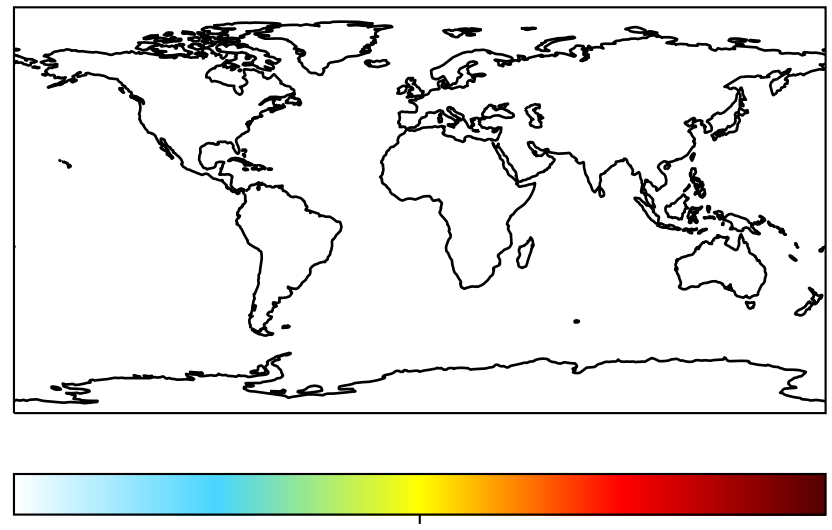
EmisHCOOH_Ship

GCHP_13.1.0-beta.1 (Ref)
c48



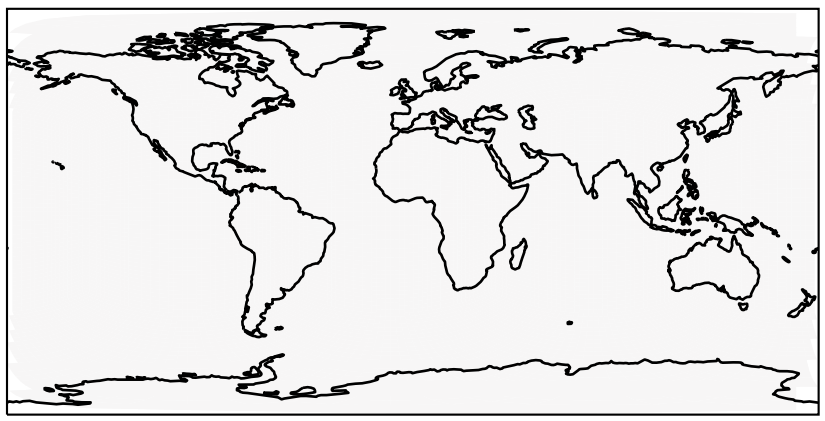
Zero throughout domain
kg/m2/s

GCHP_13.2.0-beta.0 (Dev)
c48



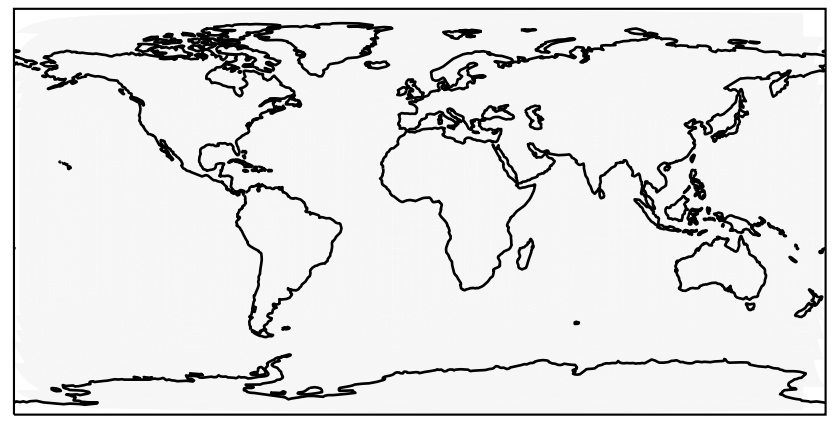
Zero throughout domain
kg/m2/s

Difference
Dev - Ref, Dynamic Range



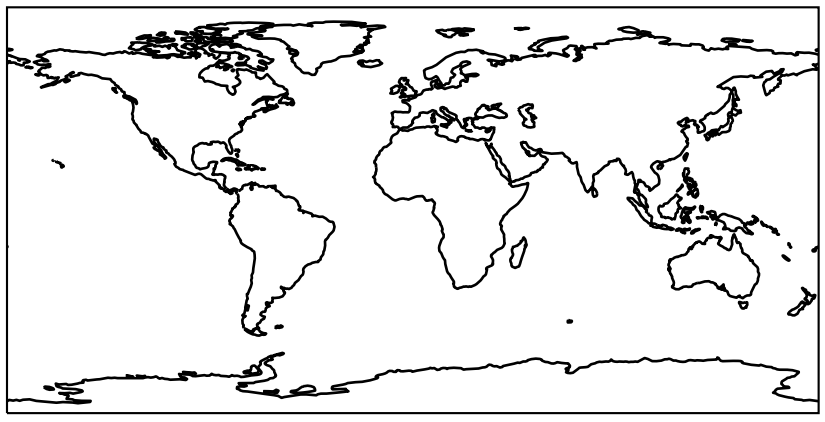
Zero throughout domain
kg/m2/s

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



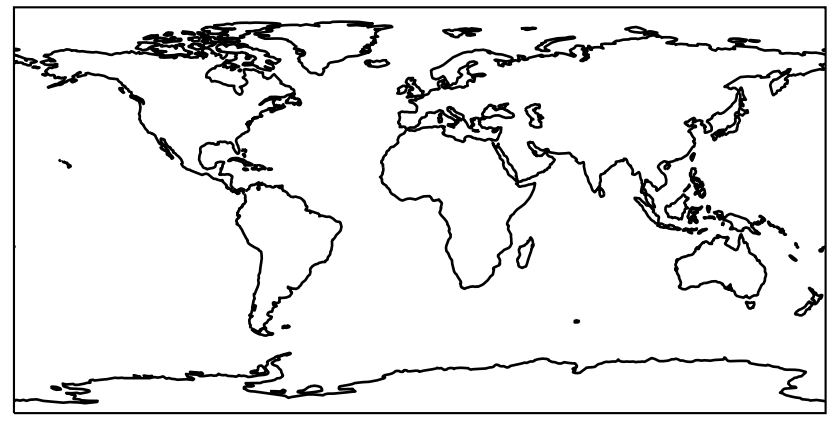
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



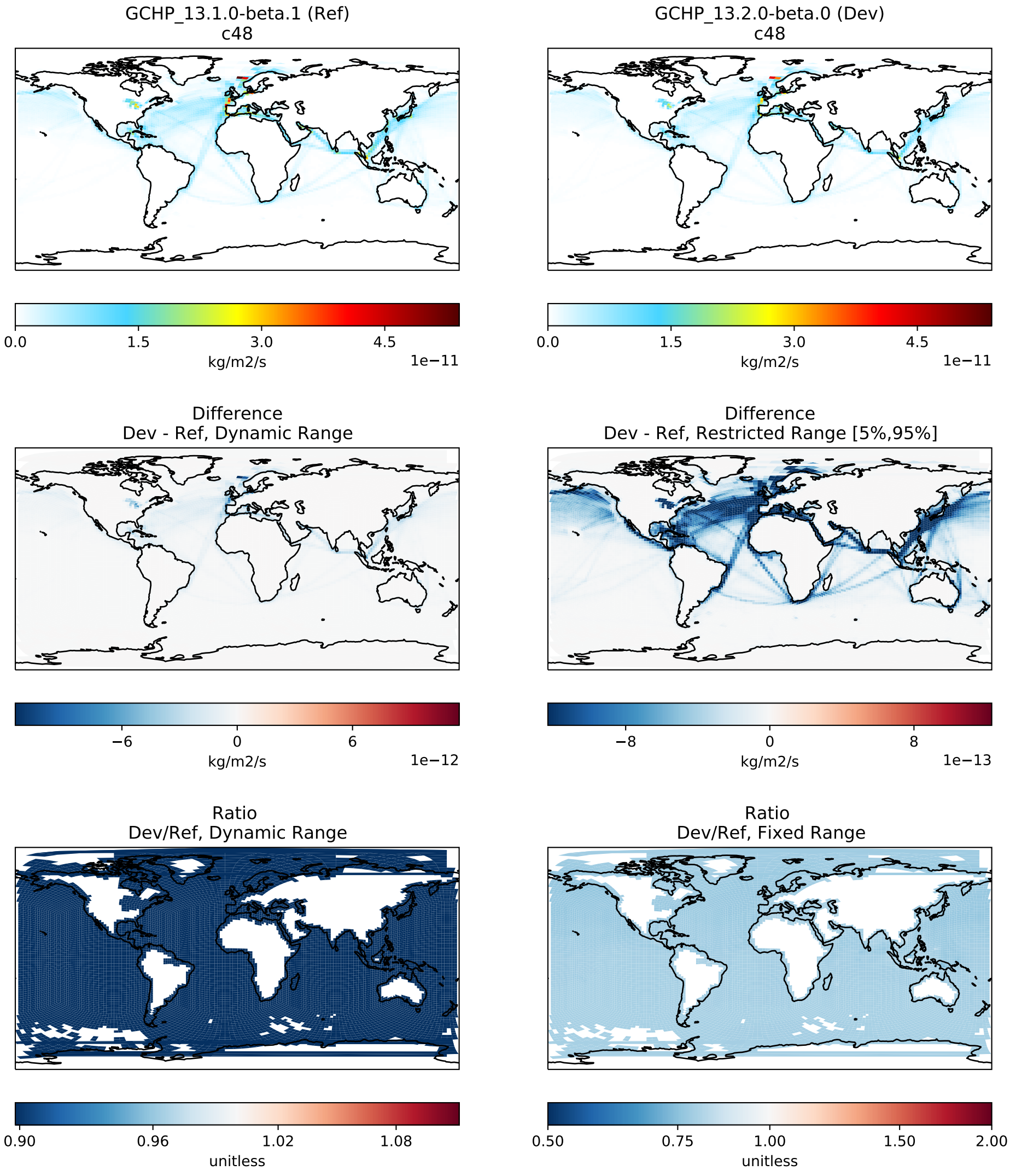
Undefined throughout domain
unitless

Ratio
Dev/Ref, Fixed Range



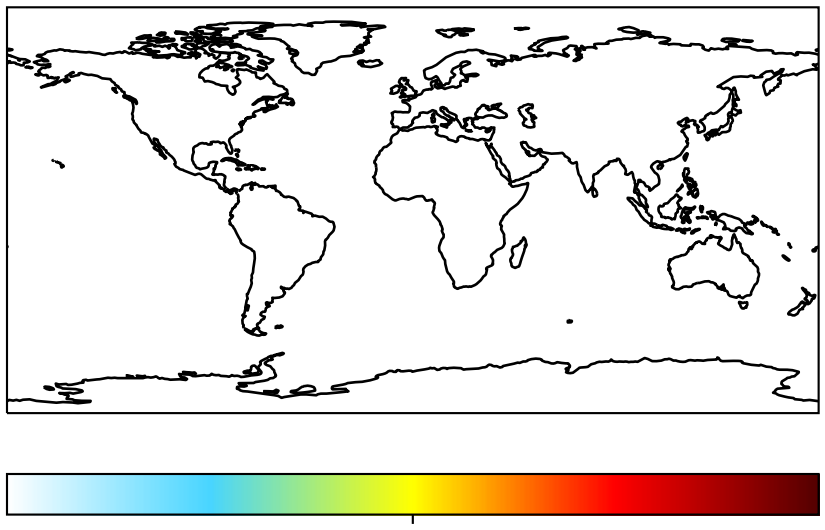
Undefined throughout domain
unitless

EmisHNO3_Ship



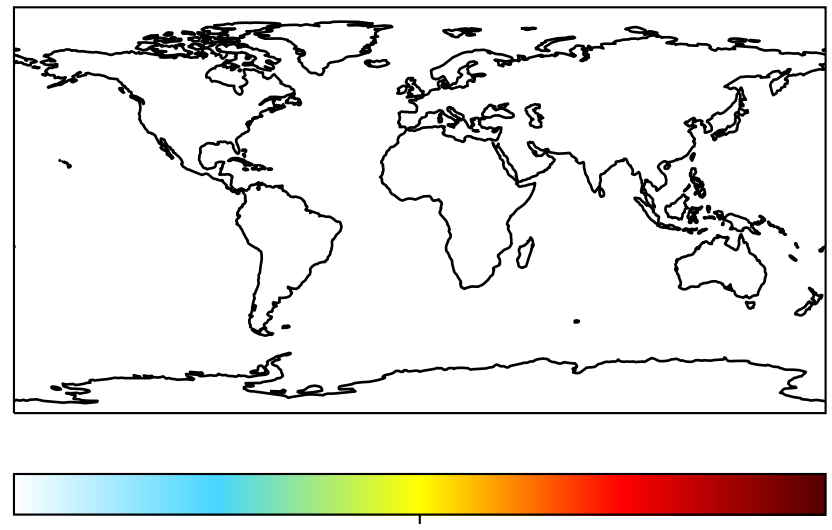
EmisMEK_Ship

GCHP_13.1.0-beta.1 (Ref)
c48



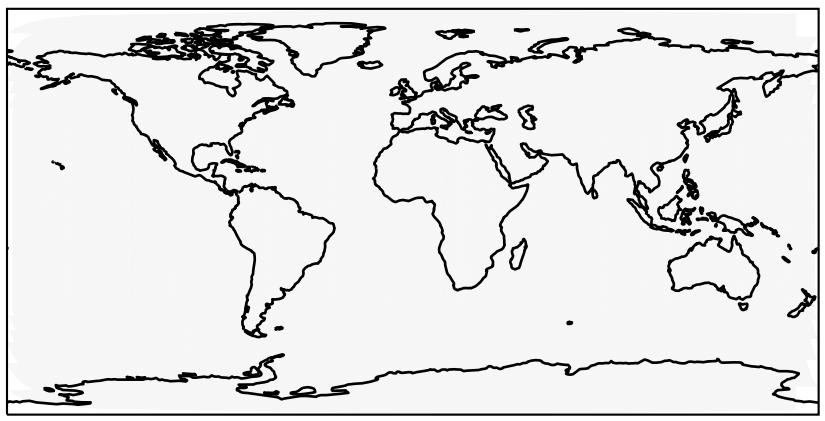
Zero throughout domain
kg/m2/s

GCHP_13.2.0-beta.0 (Dev)
c48



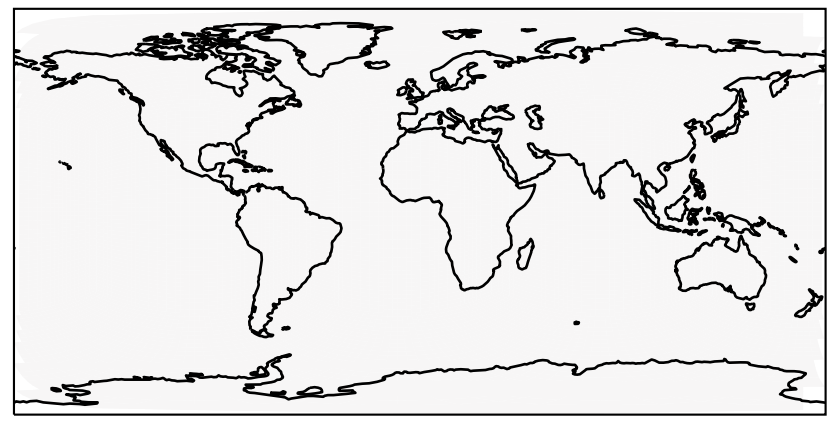
Zero throughout domain
kg/m2/s

Difference
Dev - Ref, Dynamic Range



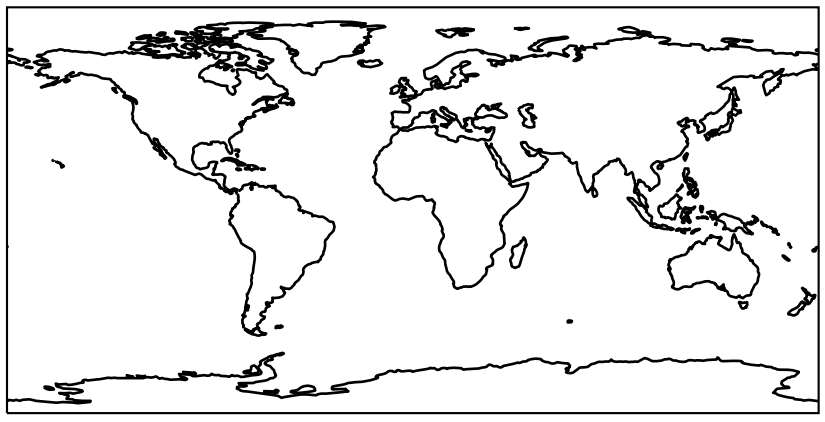
Zero throughout domain
kg/m2/s

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



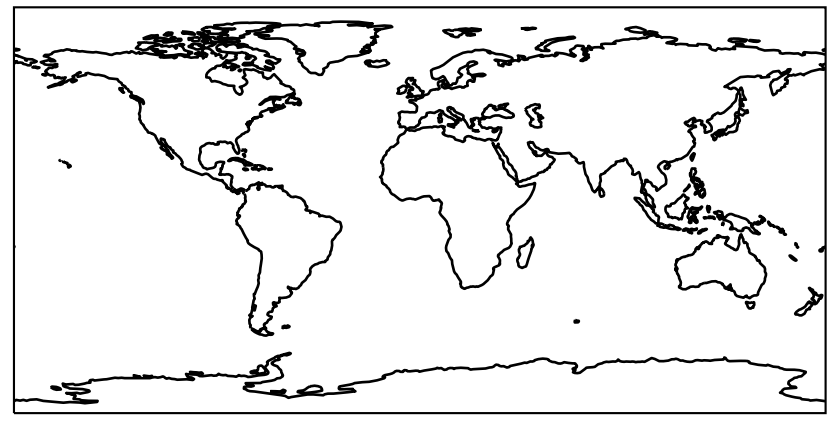
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

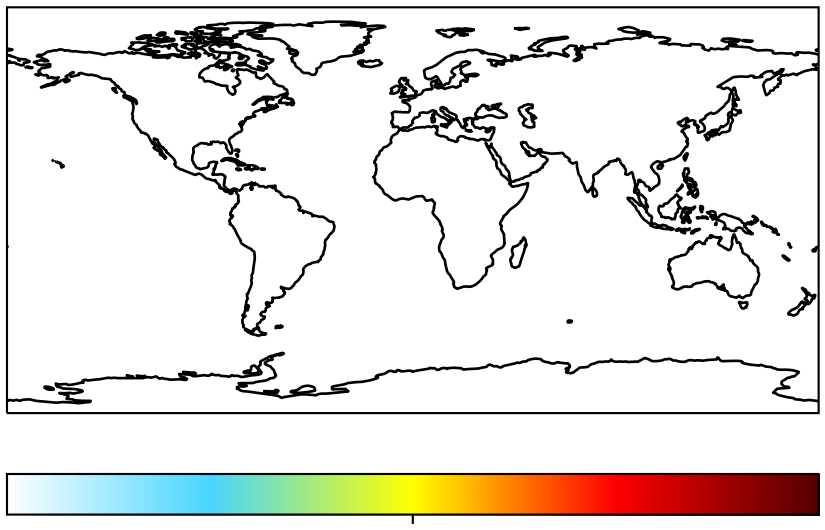
Ratio
Dev/Ref, Fixed Range



Undefined throughout domain
unitless

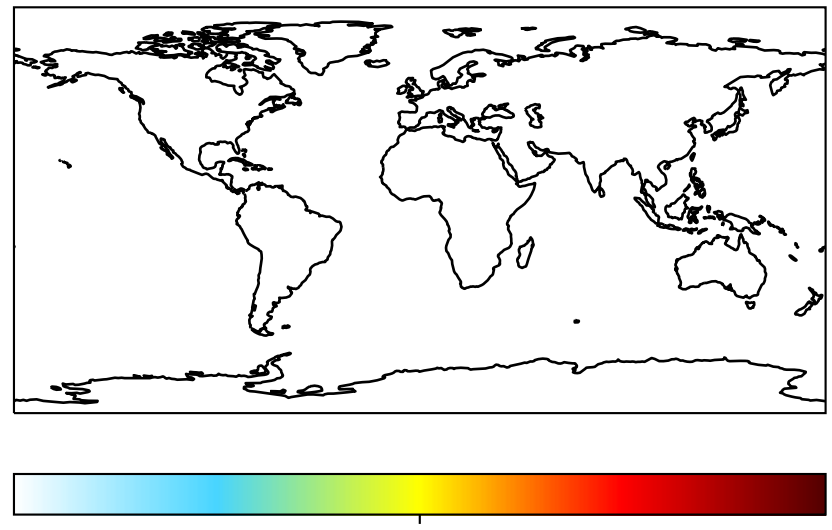
EmisMOH_Ship

GCHP_13.1.0-beta.1 (Ref)
c48



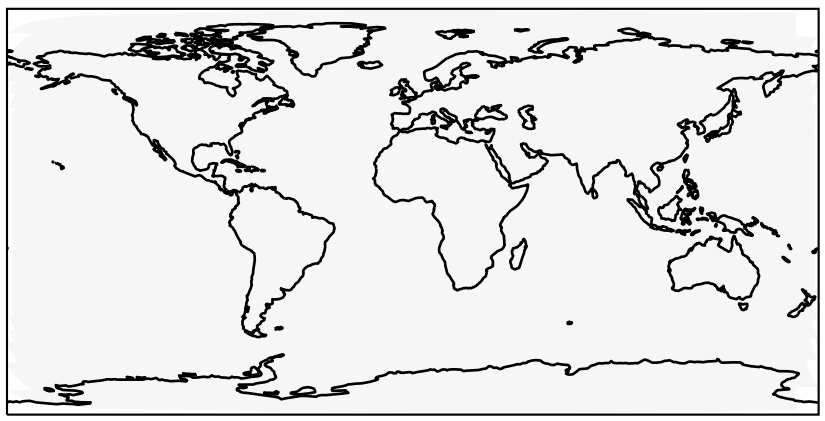
Zero throughout domain
kg/m2/s

GCHP_13.2.0-beta.0 (Dev)
c48



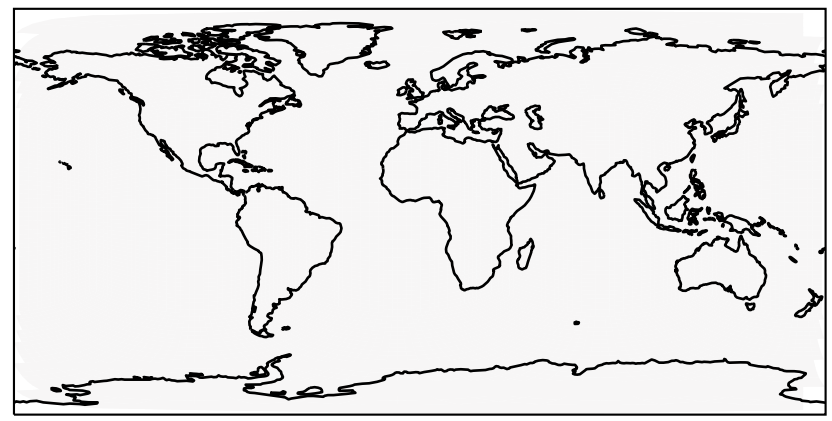
Zero throughout domain
kg/m2/s

Difference
Dev - Ref, Dynamic Range



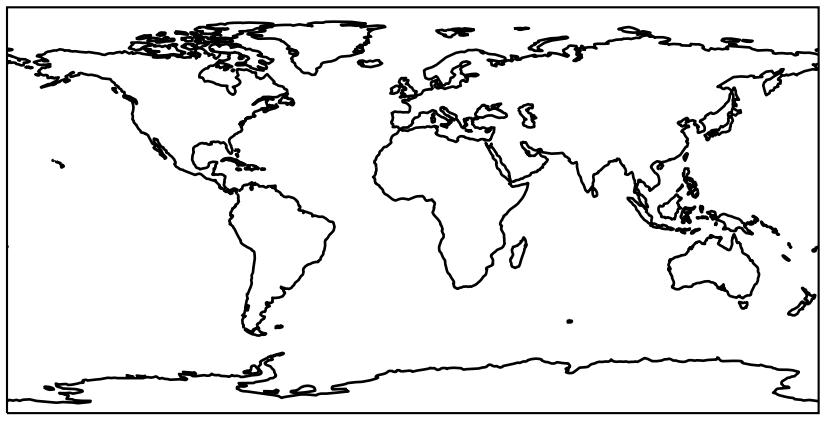
Zero throughout domain
kg/m2/s

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



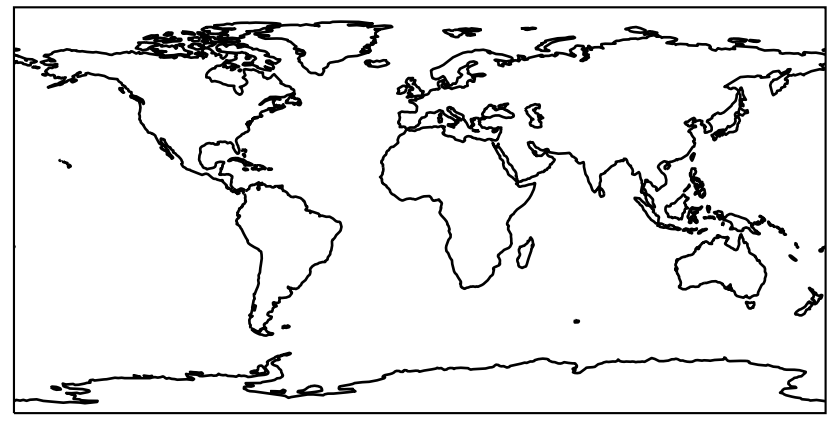
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



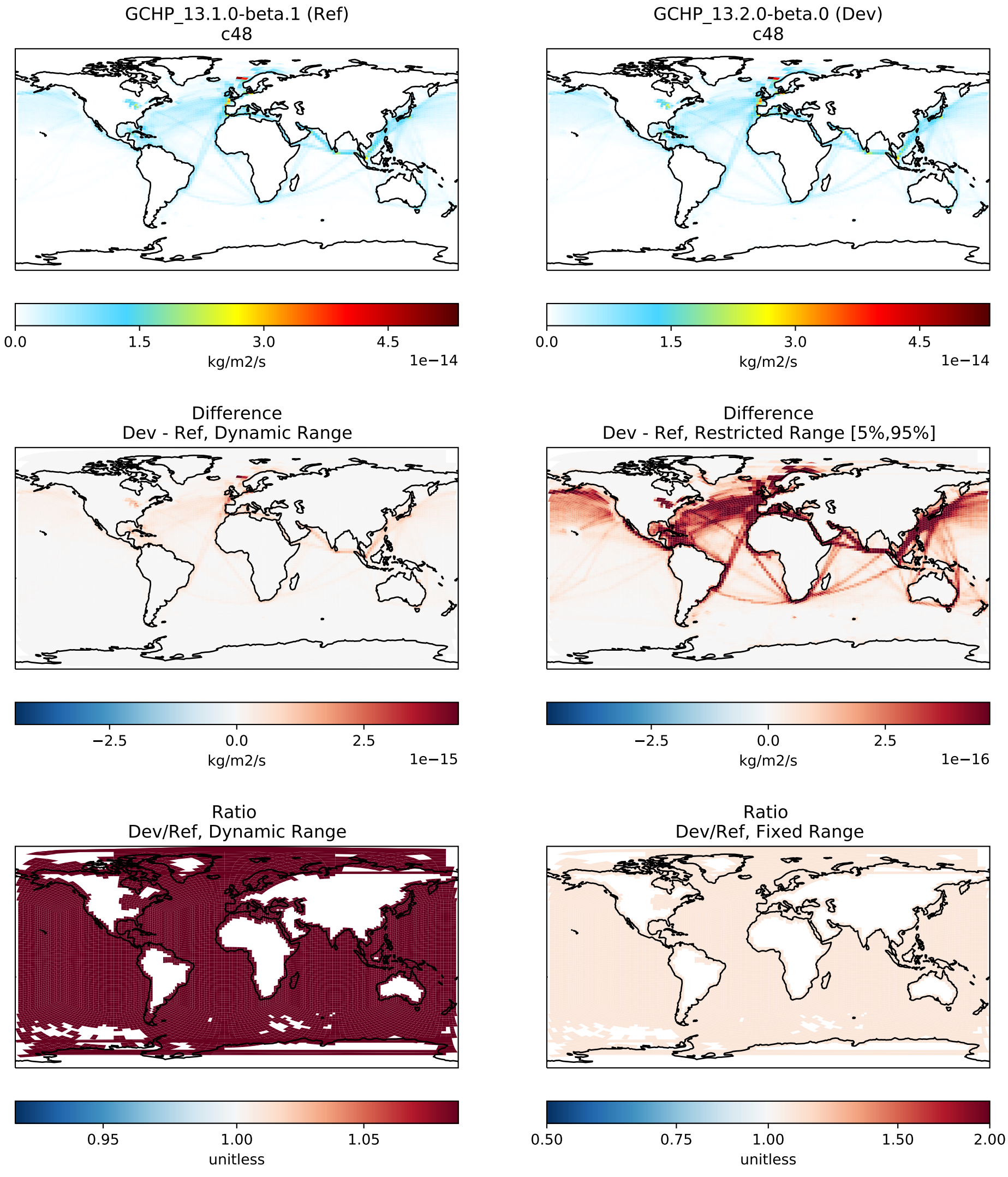
Undefined throughout domain
unitless

Ratio
Dev/Ref, Fixed Range

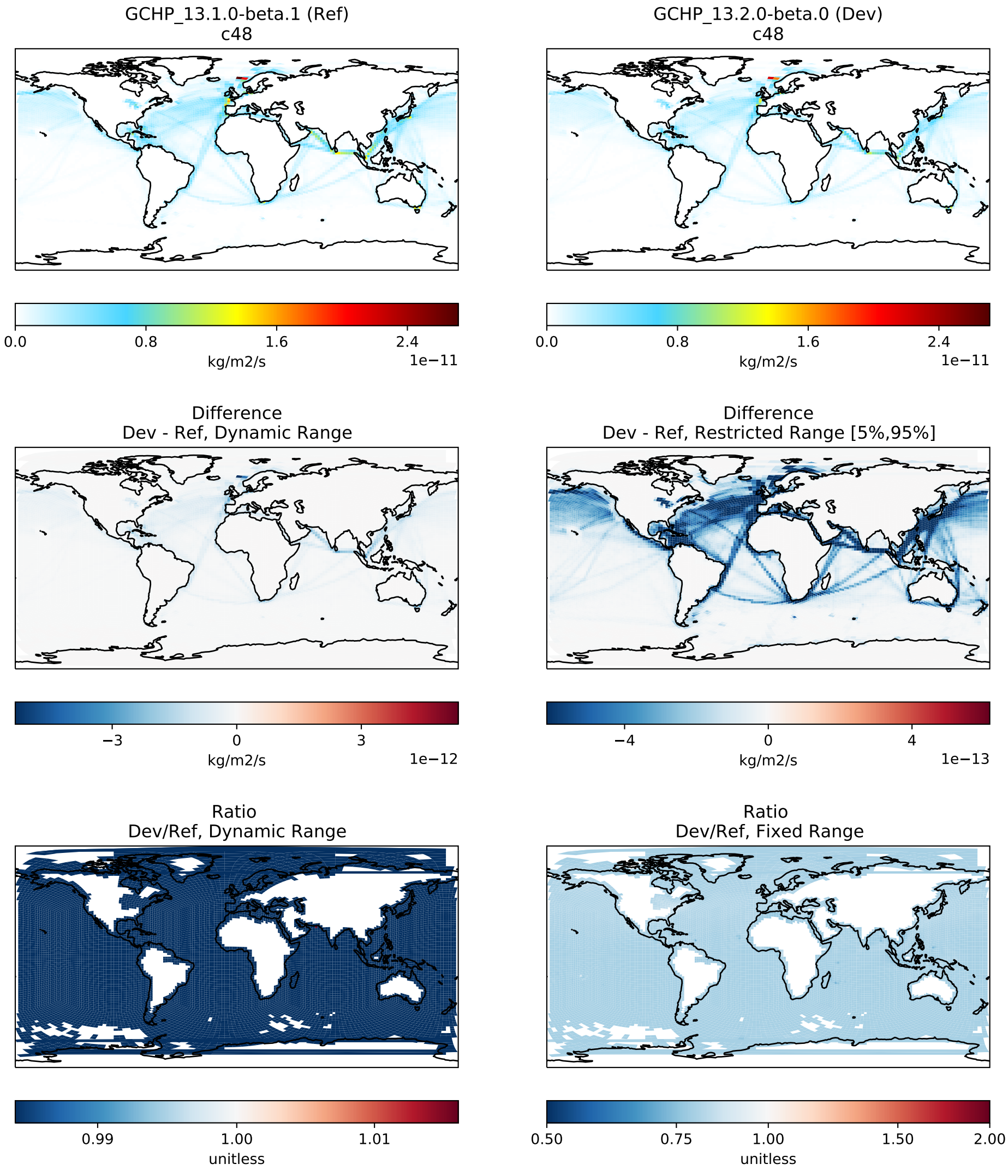


Undefined throughout domain
unitless

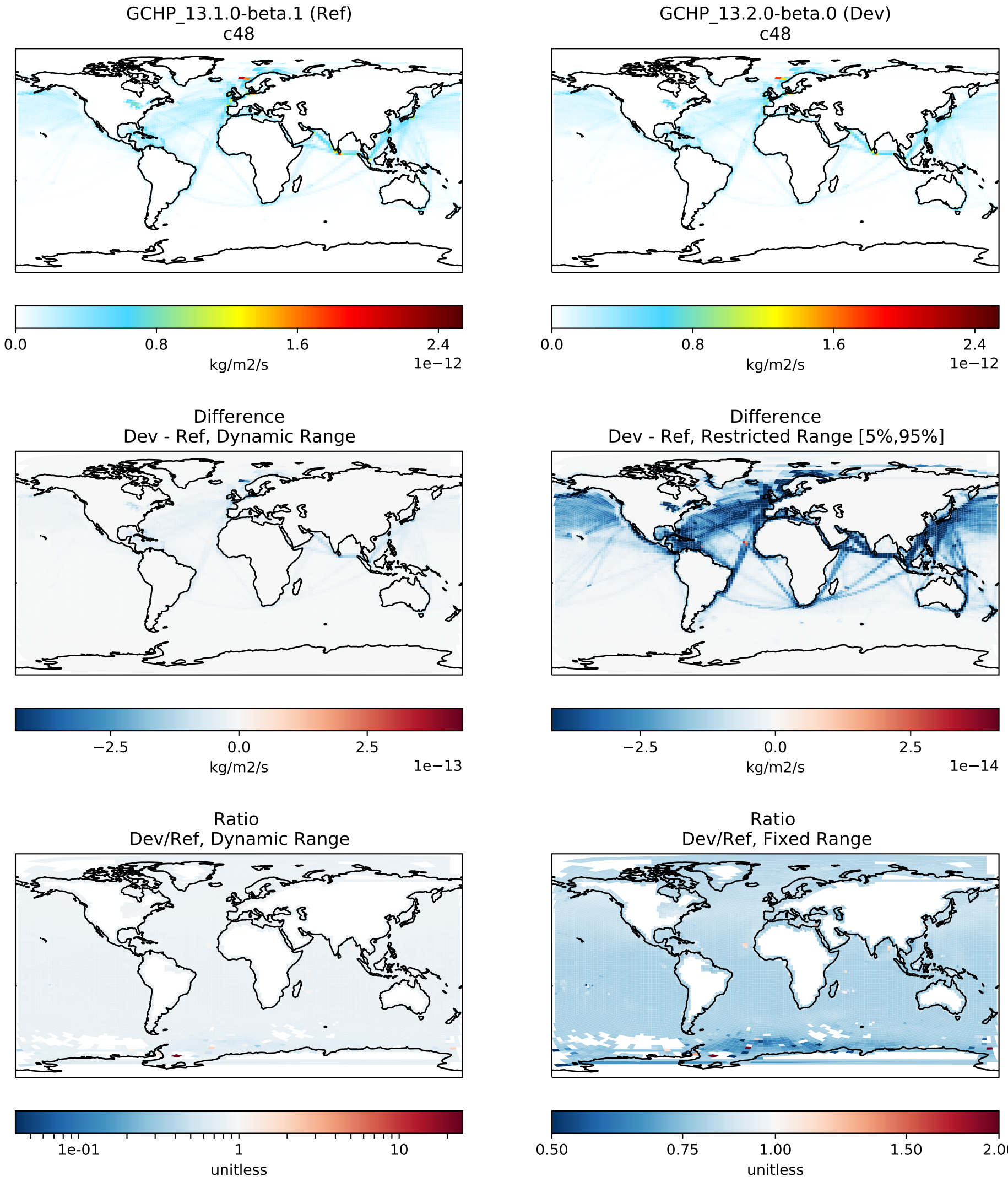
EmisNH3_Ship



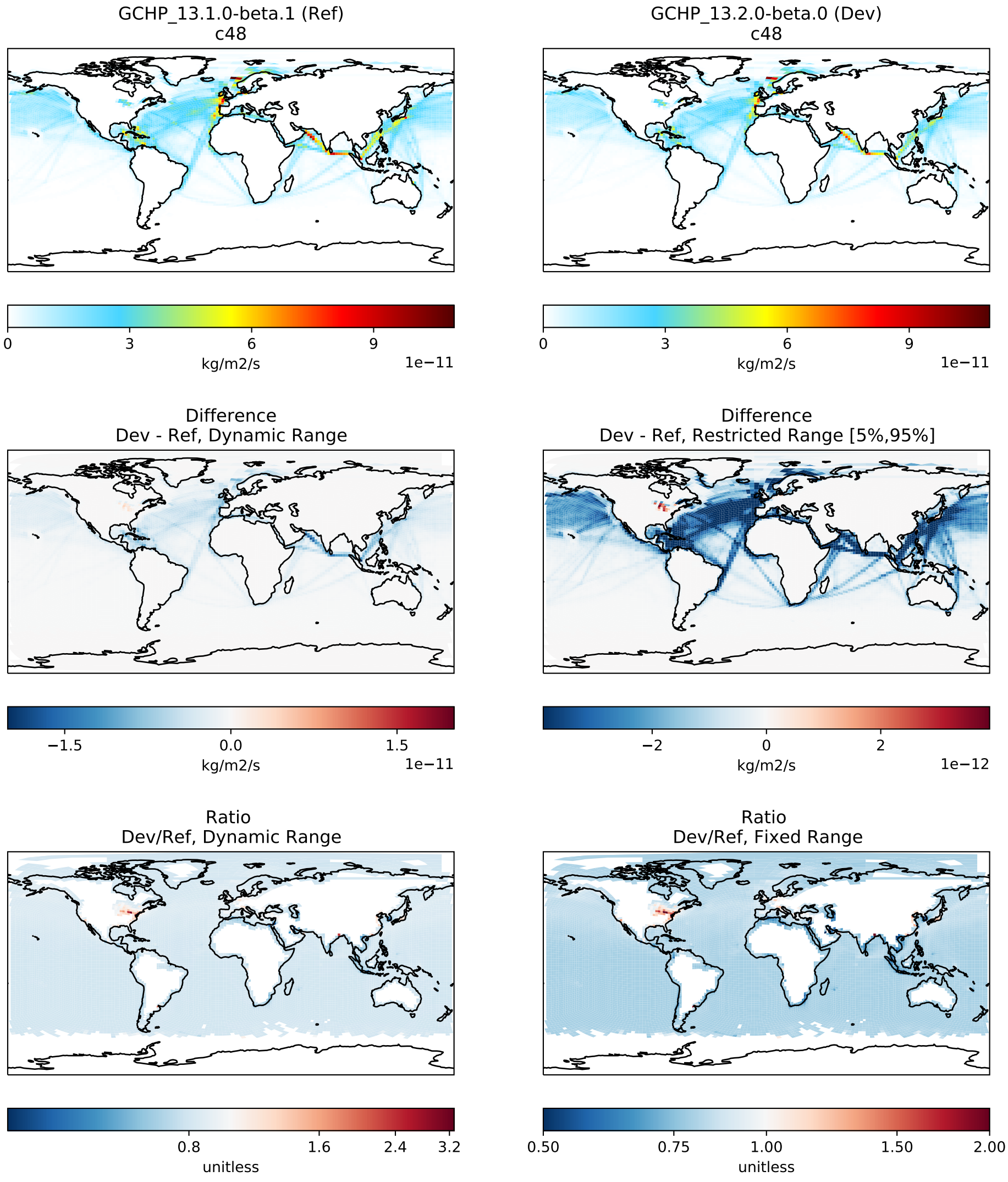
EmisNO2_Ship



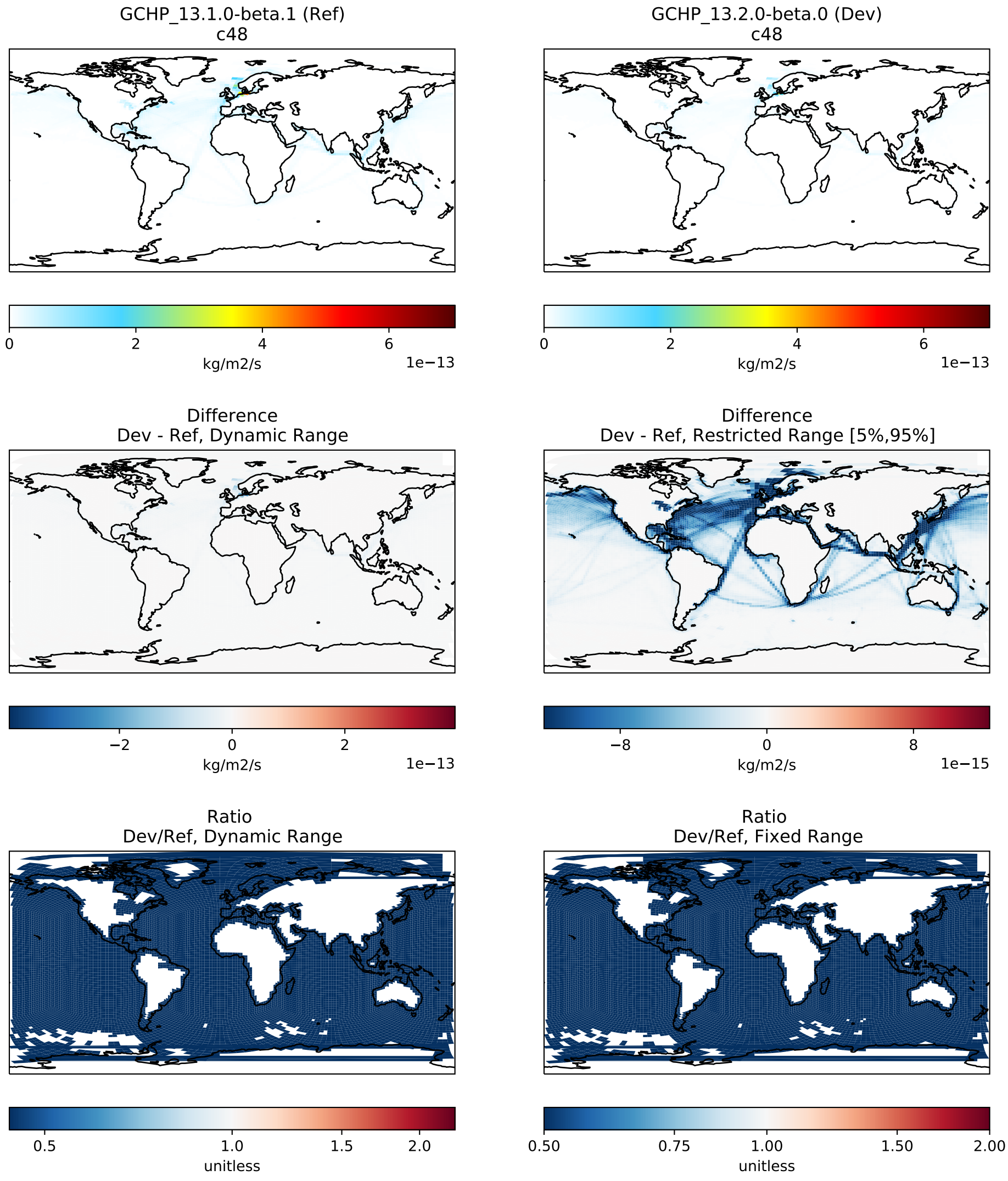
EmisNO_Ship


GCHP_13.1.0-beta.1 (Ref)
c48
0.0
0.8
1.6
2.4
kg/m2/s
1e−12
GCHP_13.2.0-beta.0 (Dev)
c48
0.0
0.8
1.6
2.4
kg/m2/s
1e−12
Difference
Dev - Ref, Dynamic Range
−2.5
0.0
2.5
kg/m2/s
1e−13
Difference
Dev - Ref, Restricted Range [5%,95%]
−2.5
0.0
2.5
kg/m2/s
1e−14
Ratio
Dev/Ref, Dynamic Range
1e-01
1
10
unitless
Ratio
Dev/Ref, Fixed Range
0.50
0.75
1.00
1.50
2.00
unitless

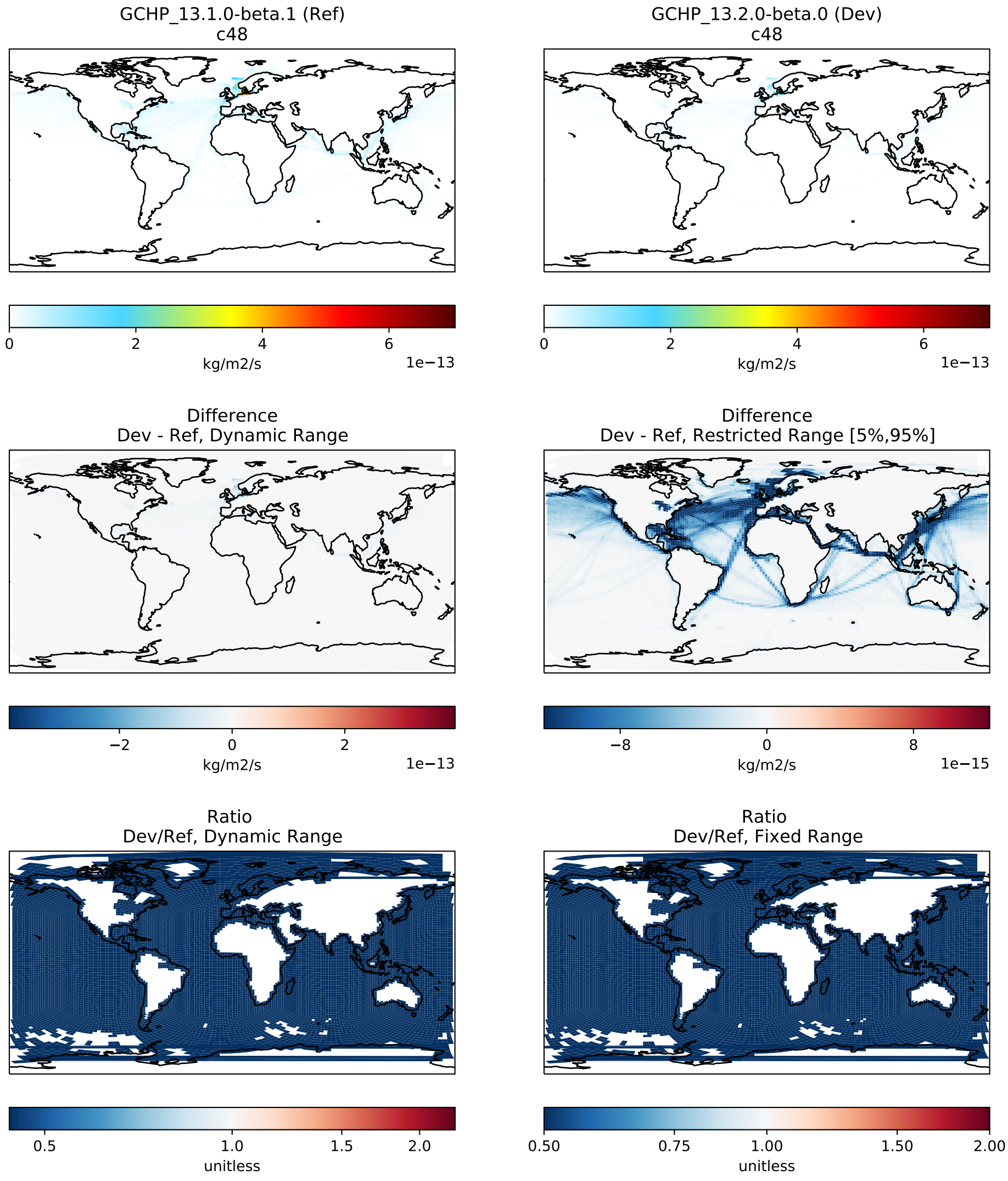
EmisO3_Ship


GCHP_13.1.0-beta.1 (Ref)
c48
0
3
6
9
kg/m2/s
1e−11
GCHP_13.2.0-beta.0 (Dev)
c48
0
3
6
9
kg/m2/s
1e−11
Difference
Dev - Ref, Dynamic Range
−1.5
0.0
1.5
kg/m2/s
1e−11
Difference
Dev - Ref, Restricted Range [5%,95%]
−2
0
2
kg/m2/s
1e−12
Ratio
Dev/Ref, Dynamic Range
0.8
1.6
2.4
3.2
unitless
Ratio
Dev/Ref, Fixed Range
0.50
0.75
1.00
1.50
2.00
unitless

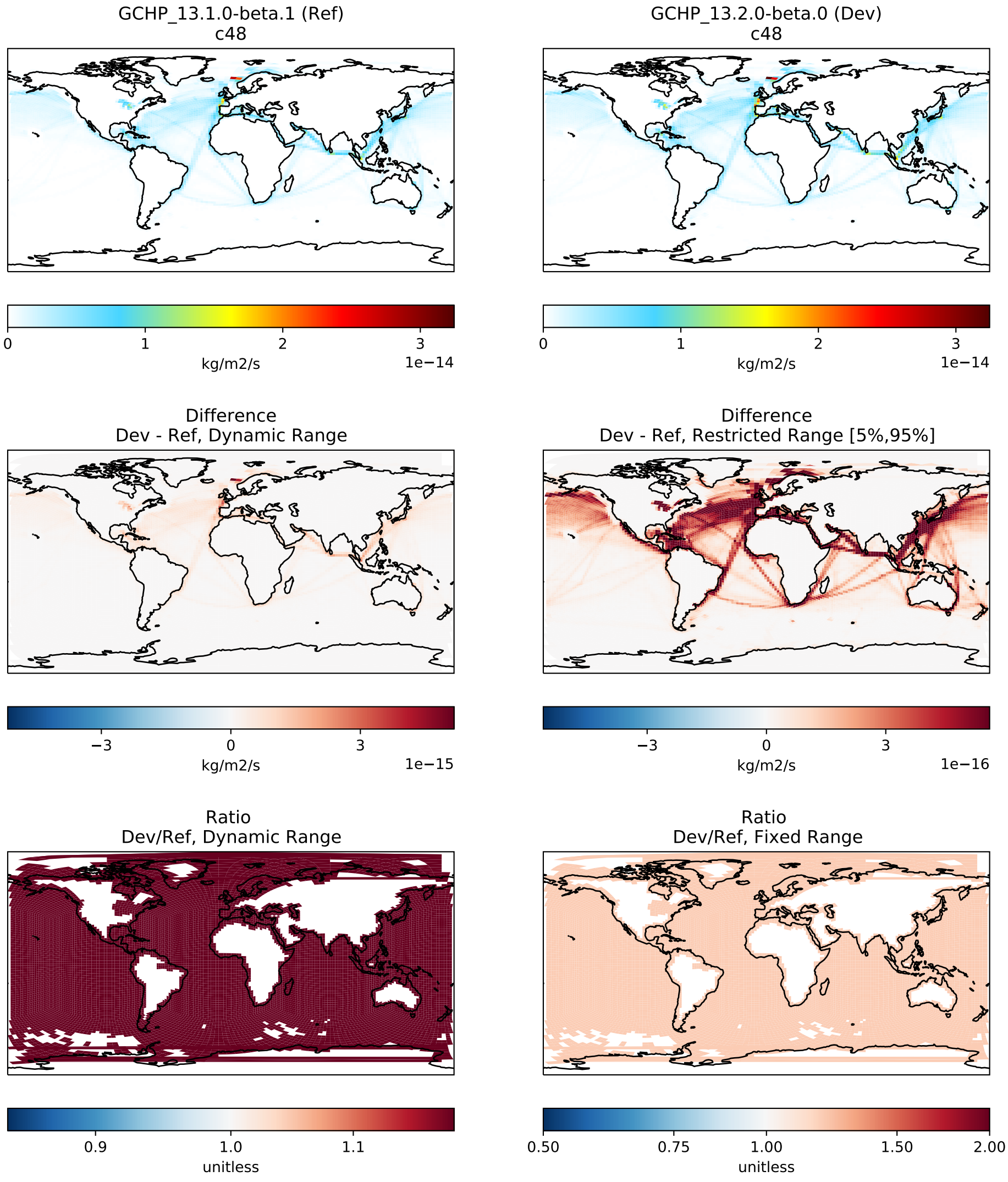
EmisOCPI_Ship



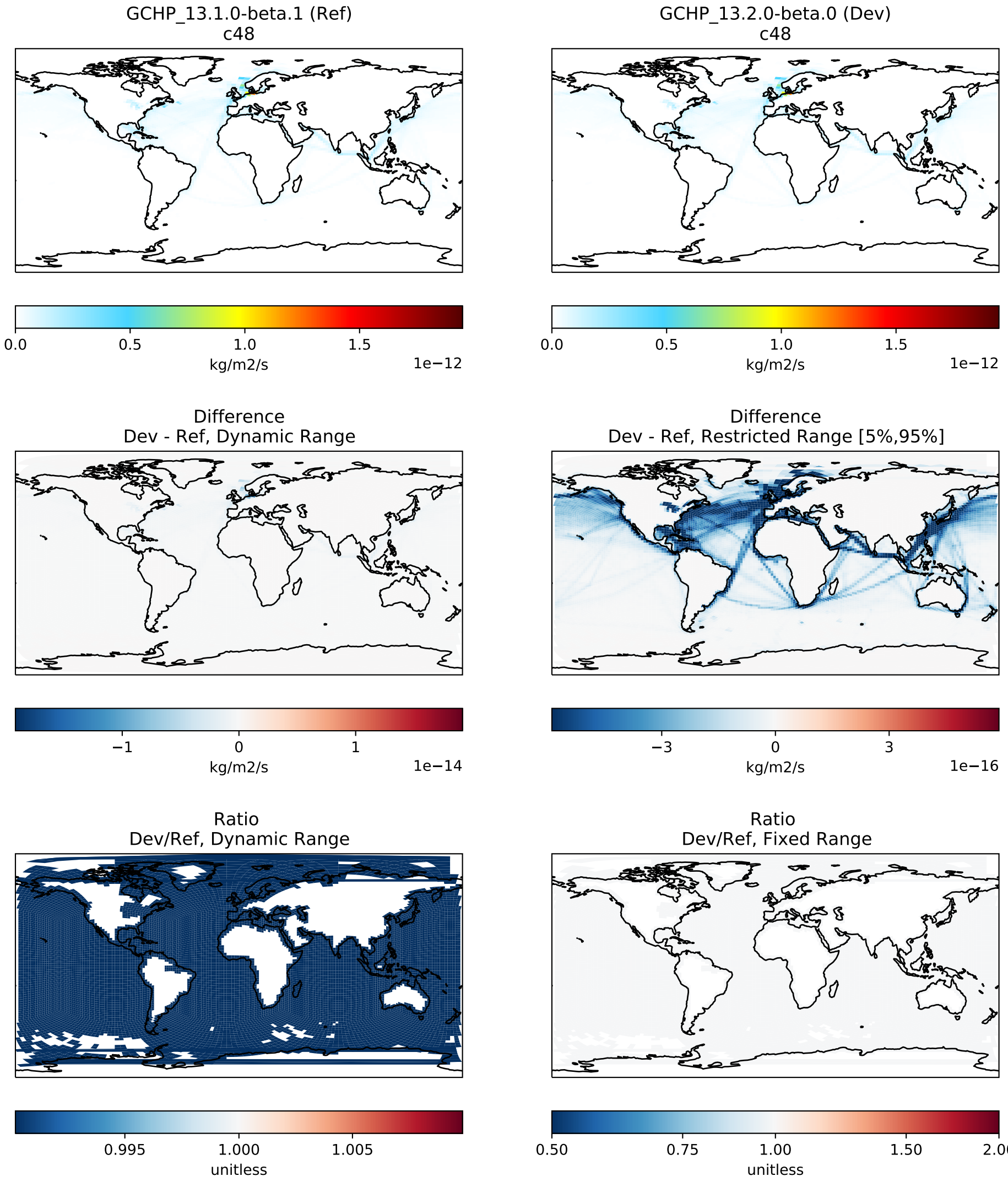
EmisOCPO_Ship



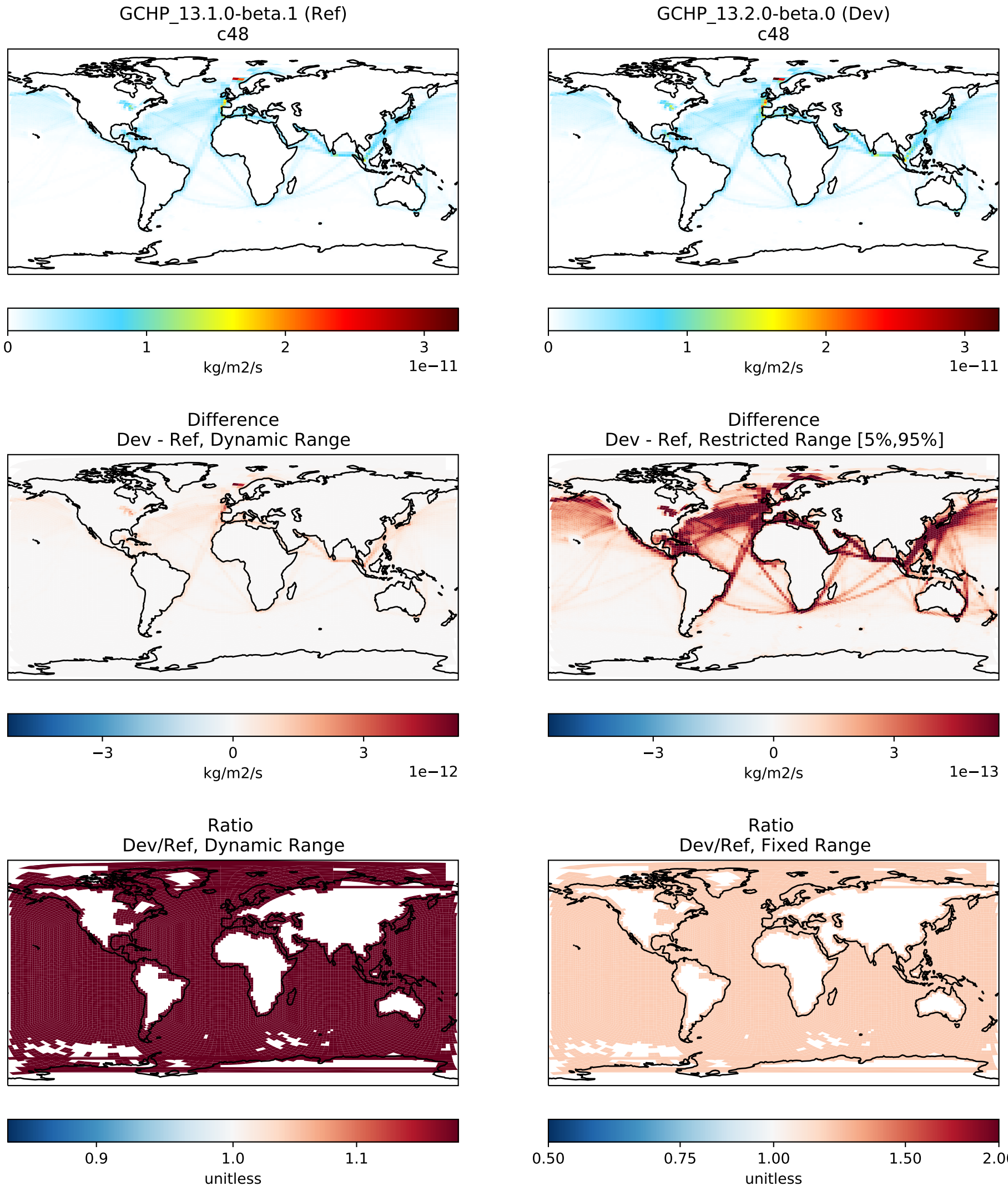
EmispFe_Ship



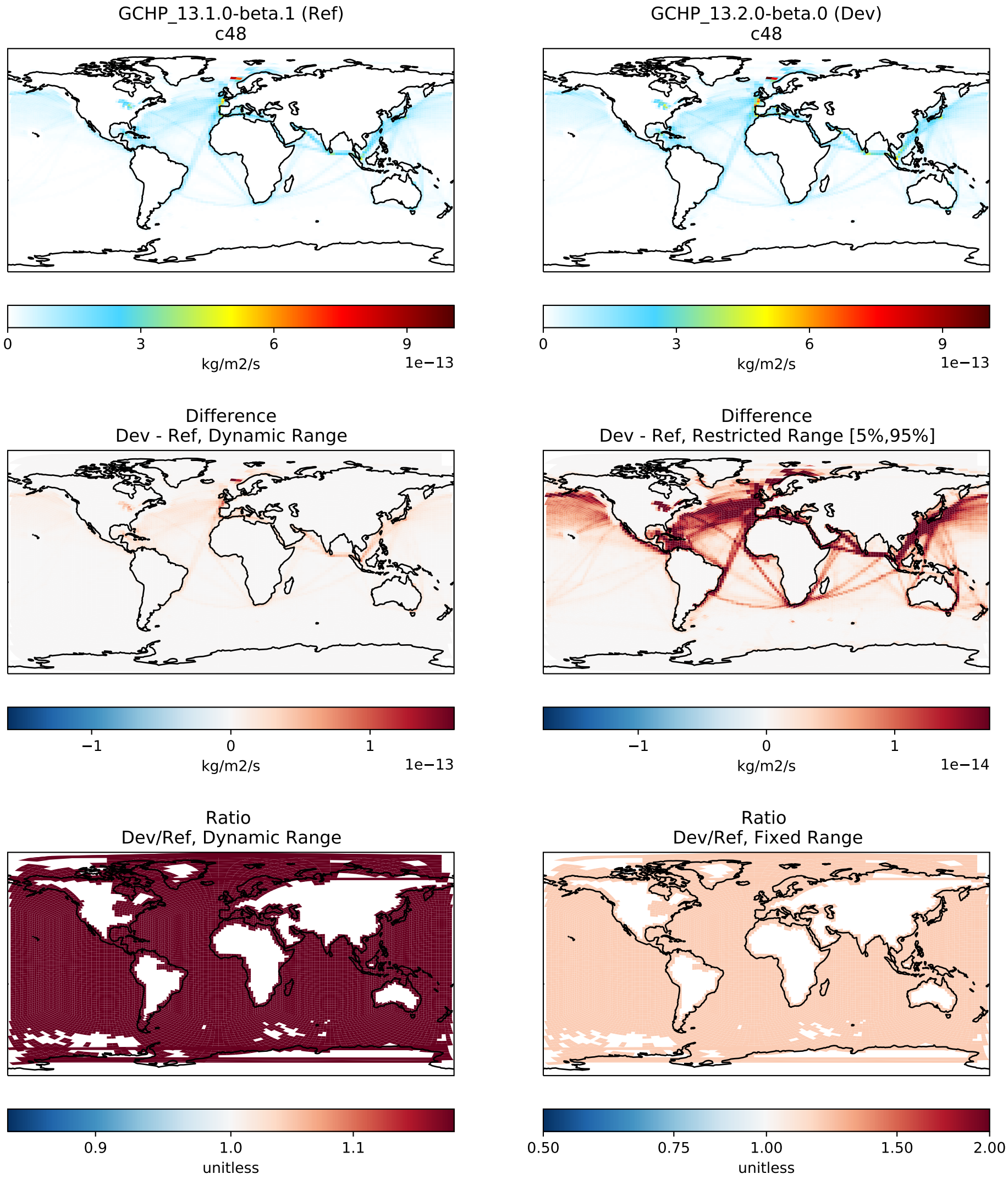
EmisPRPE_Ship



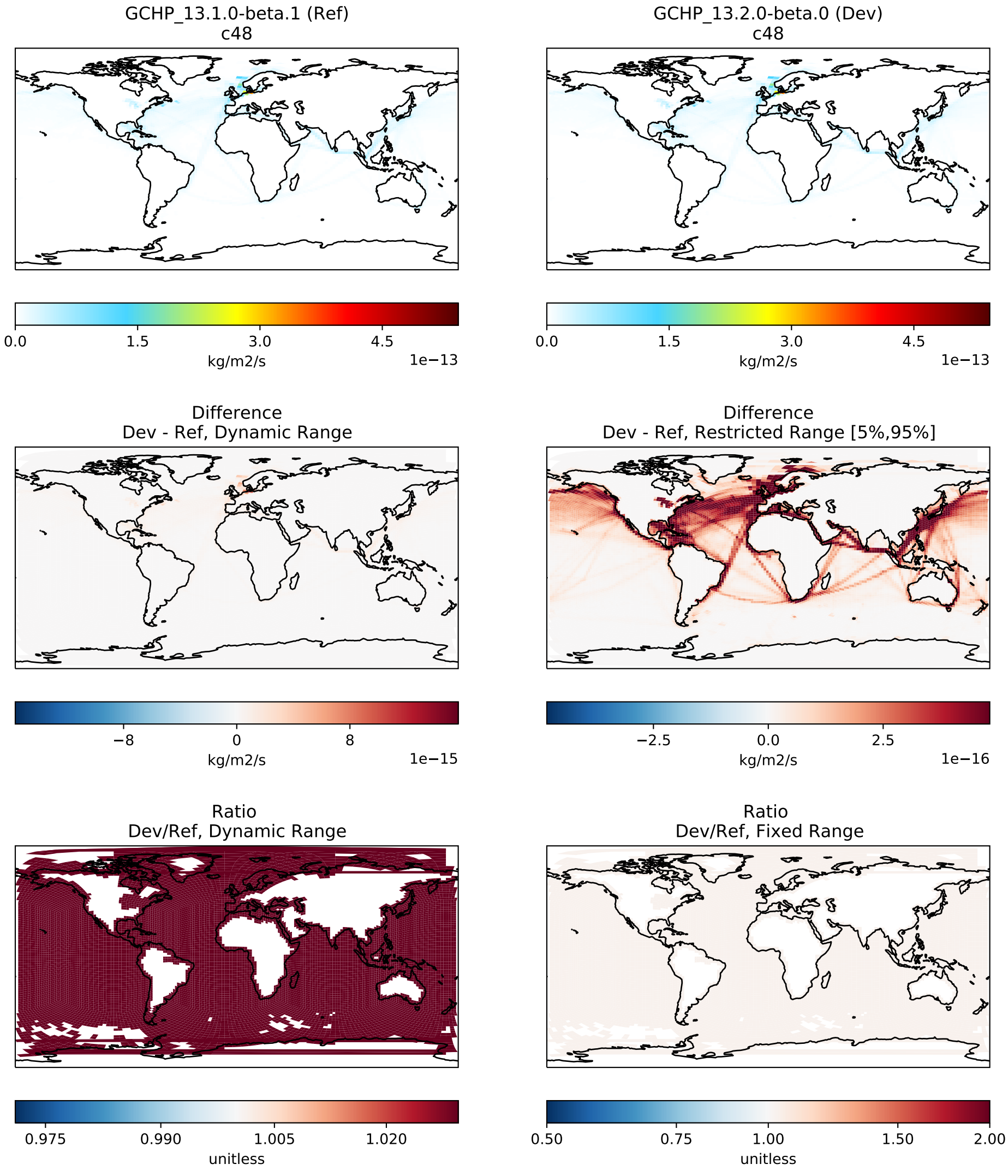
EmisSO2_Ship



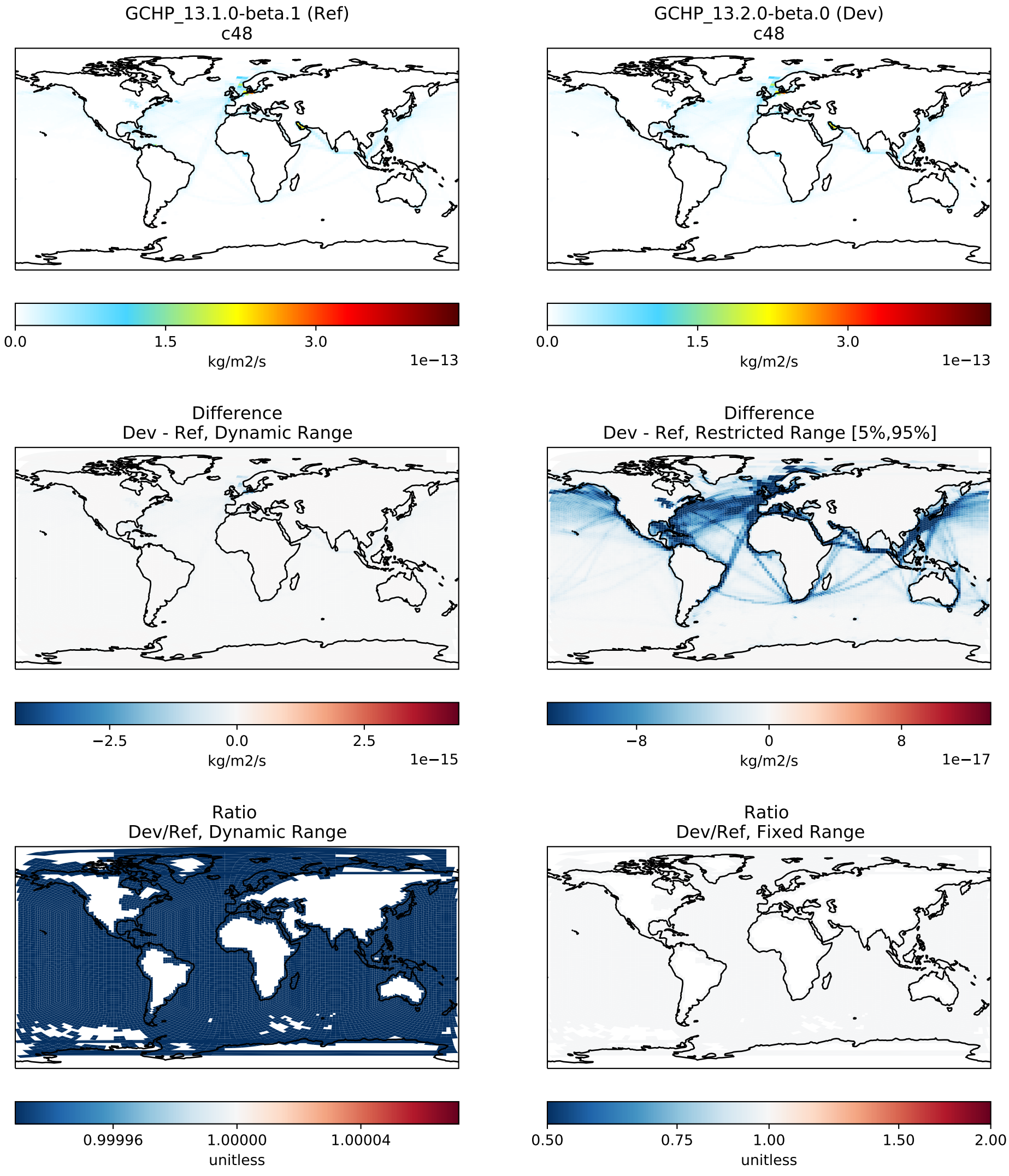
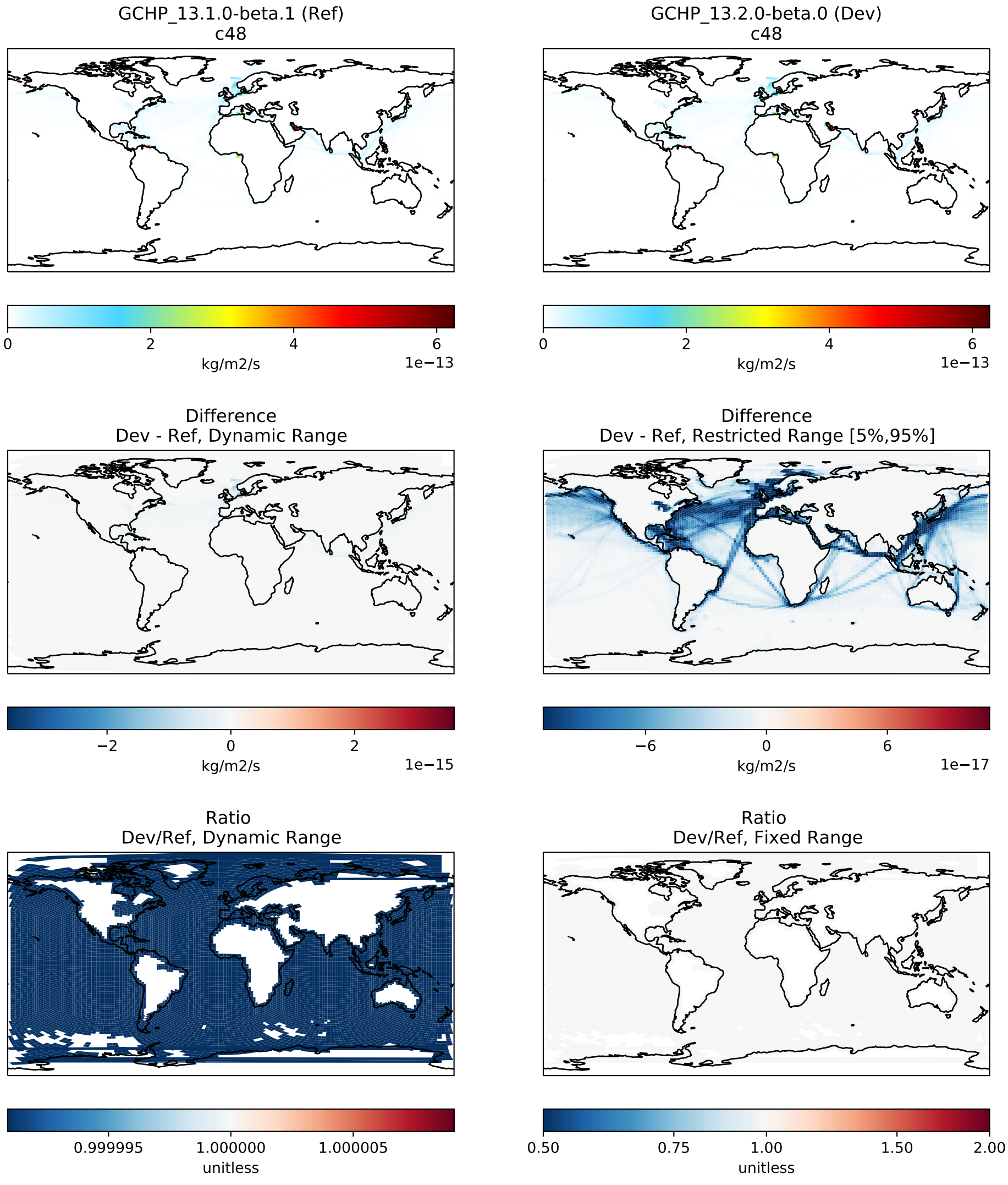
EmisSO4_Ship



EmisSOAP_Ship



EmisTOLU_Ship



EmisXYLE_Ship