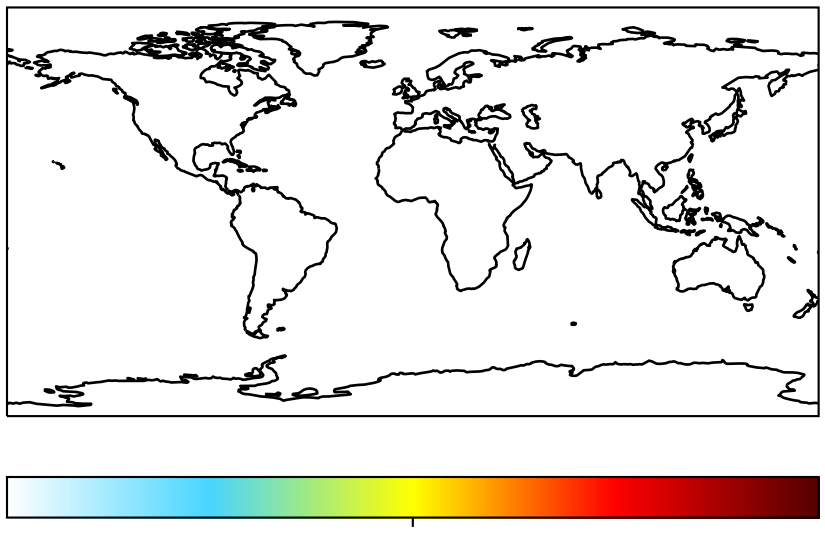
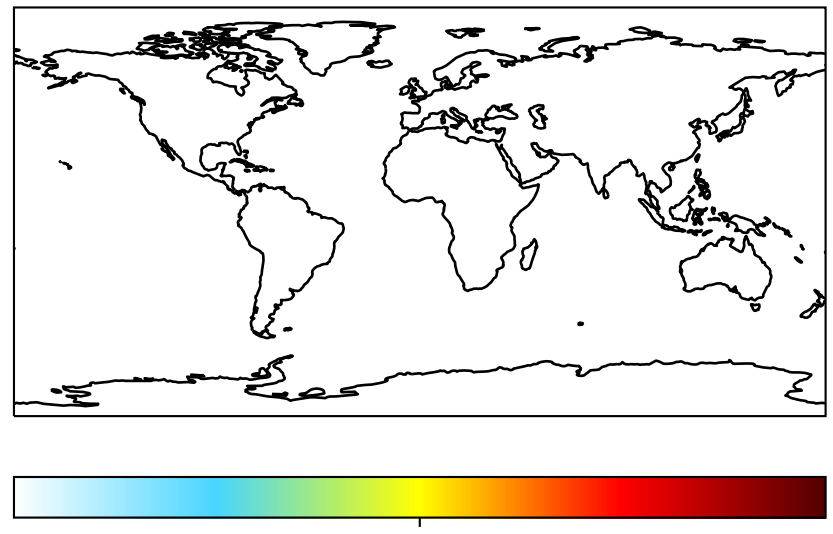
EmisALD2_Ship

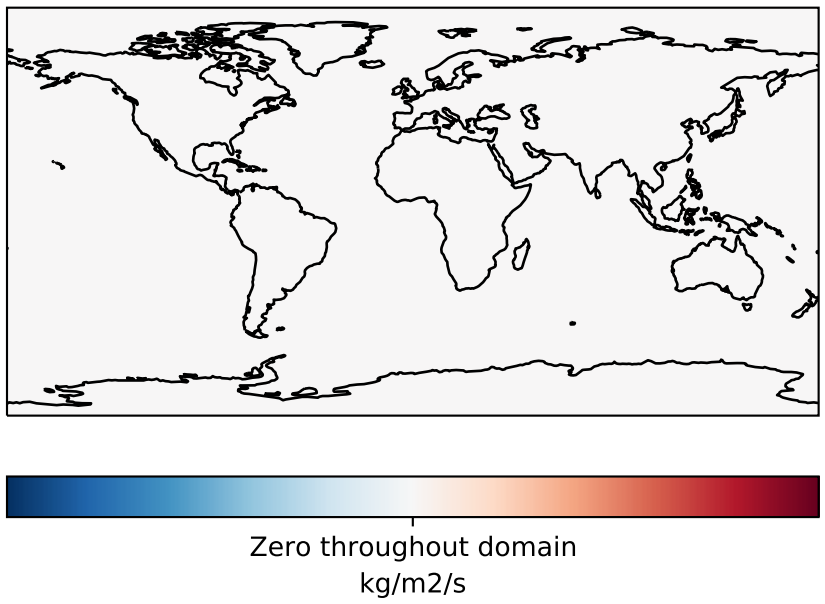
GCC_13.2.0-beta.0-LuoWetdep (Ref)
4.0x5.0



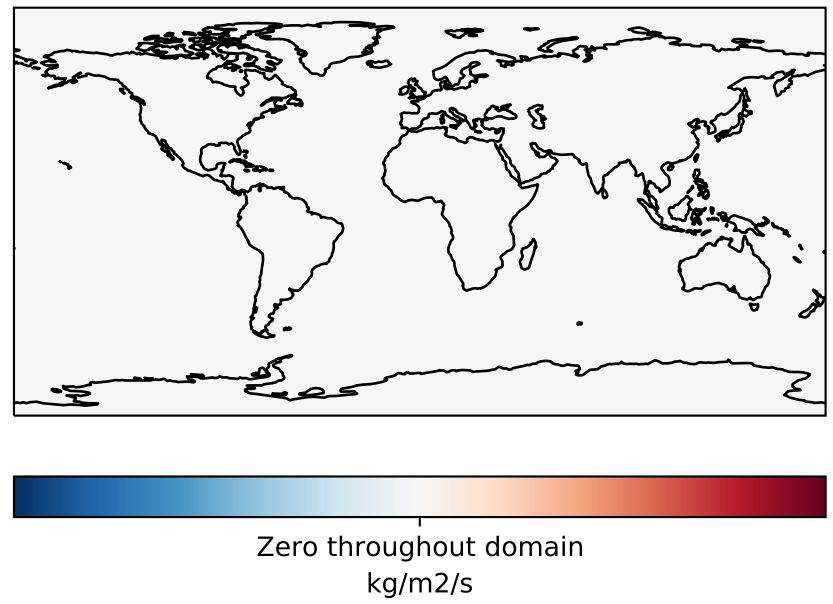
GCHP_13.2.0-beta.0-LuoWetdep (Dev)
c48



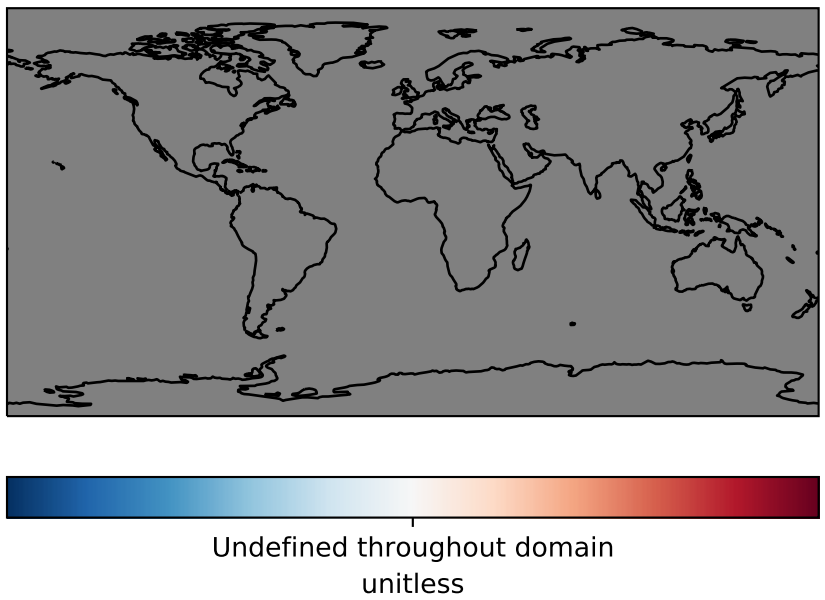
Difference (1x1.25)
Dev - Ref, Dynamic Range



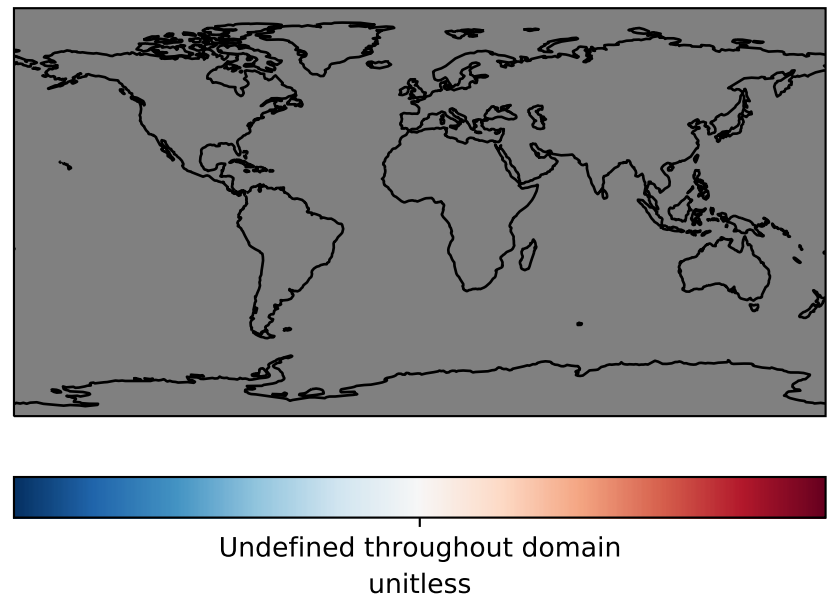
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



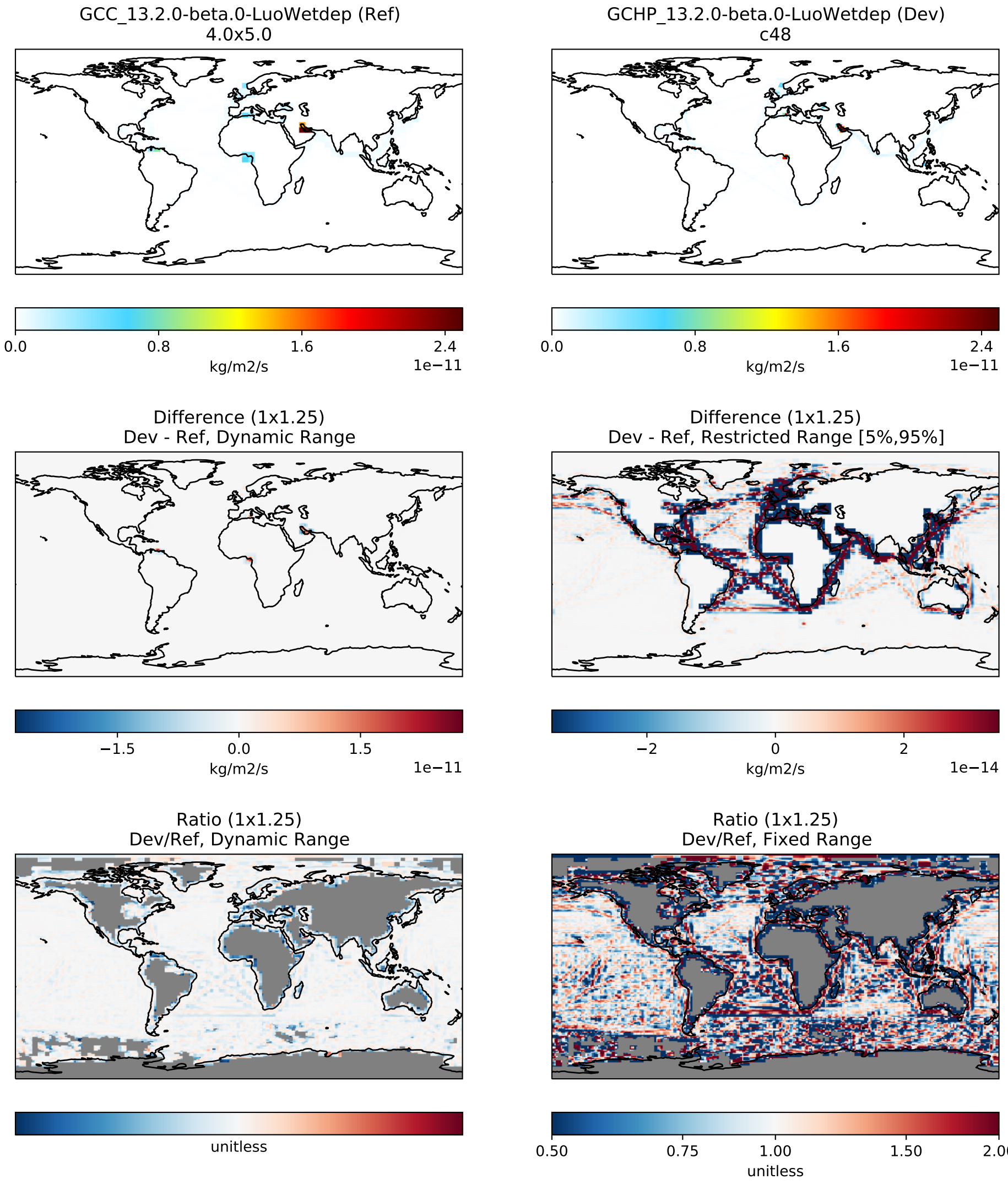
Ratio (1x1.25)
Dev/Ref, Dynamic Range



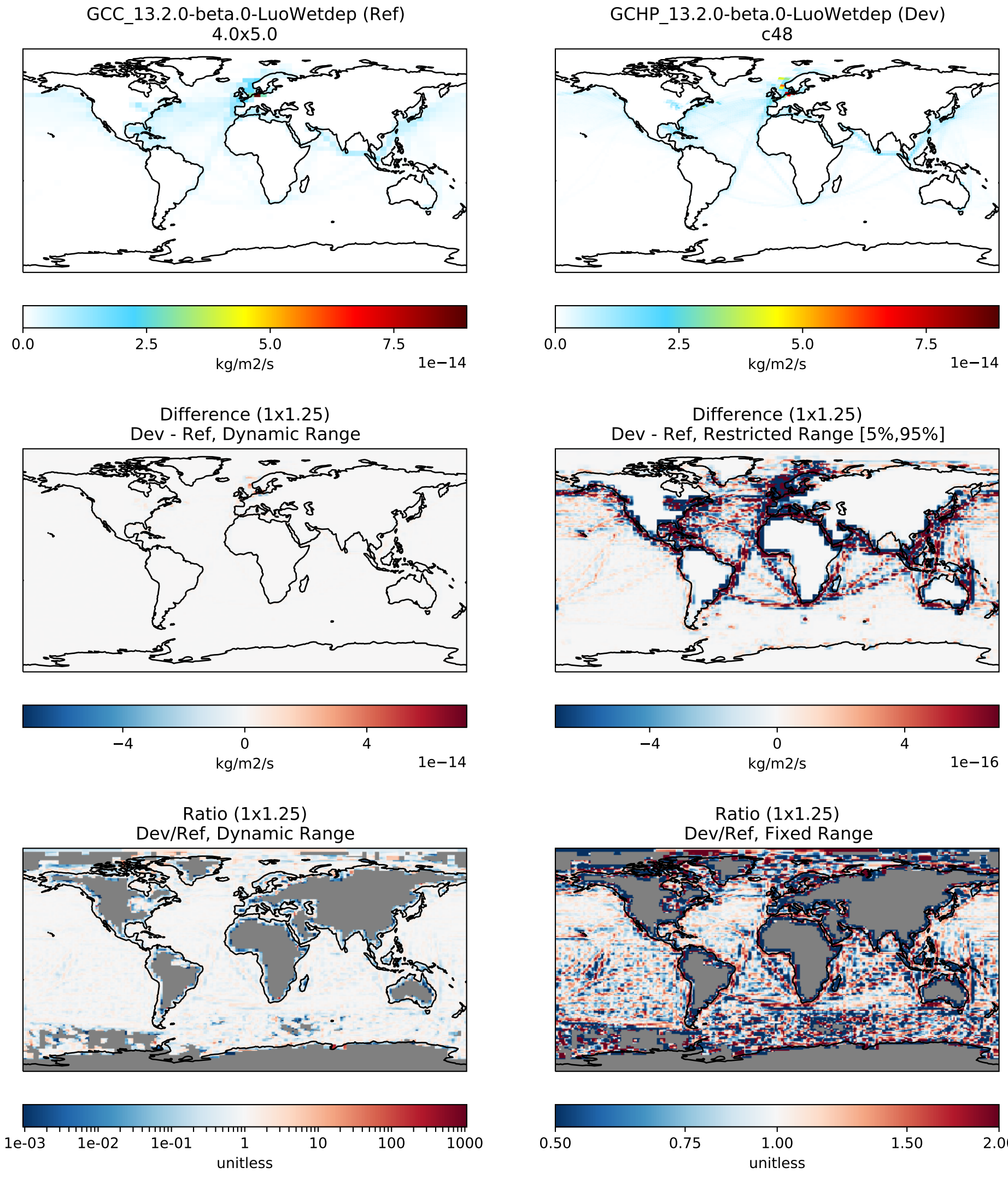
Ratio (1x1.25)
Dev/Ref, Fixed Range



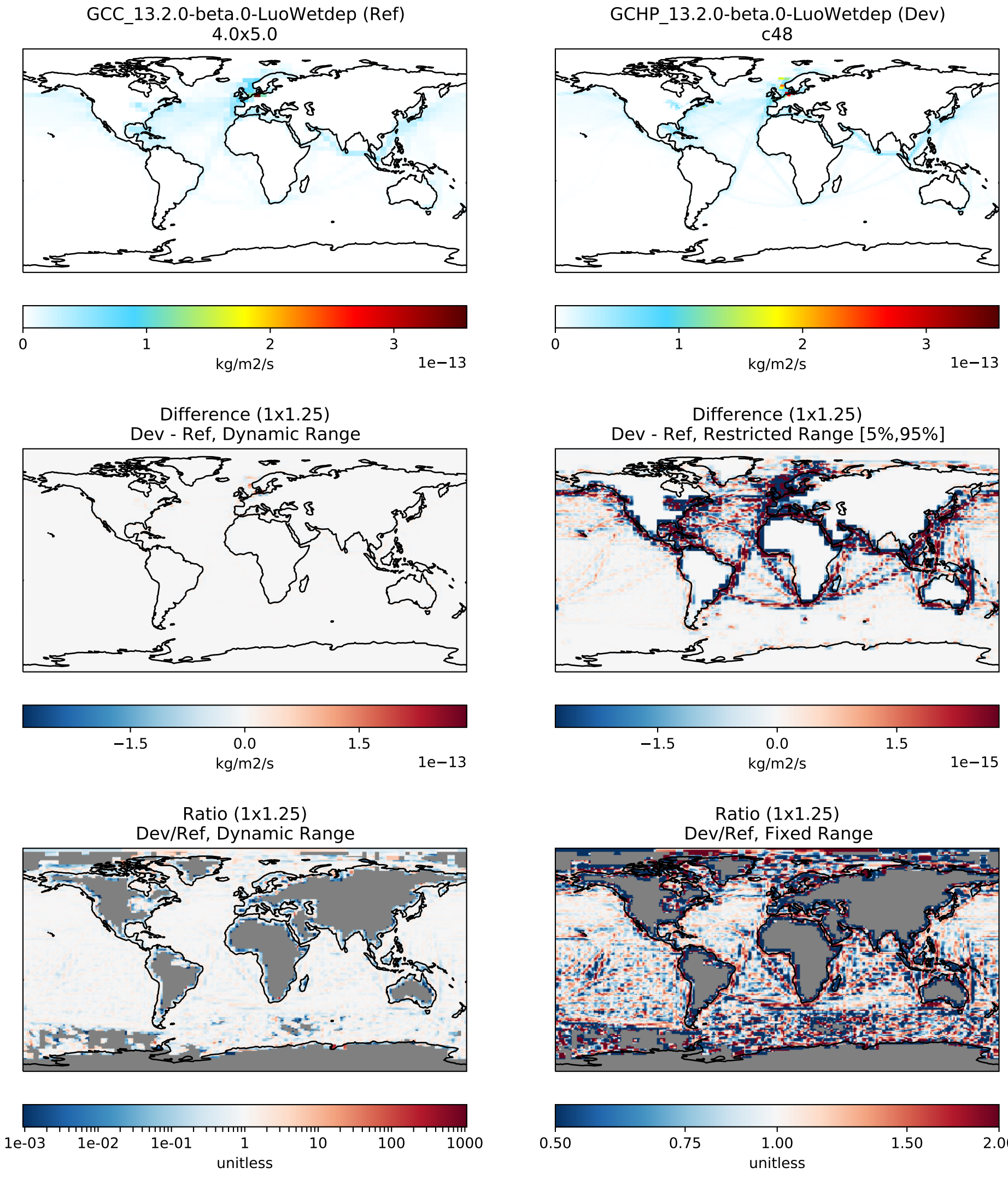
EmisALK4_Ship



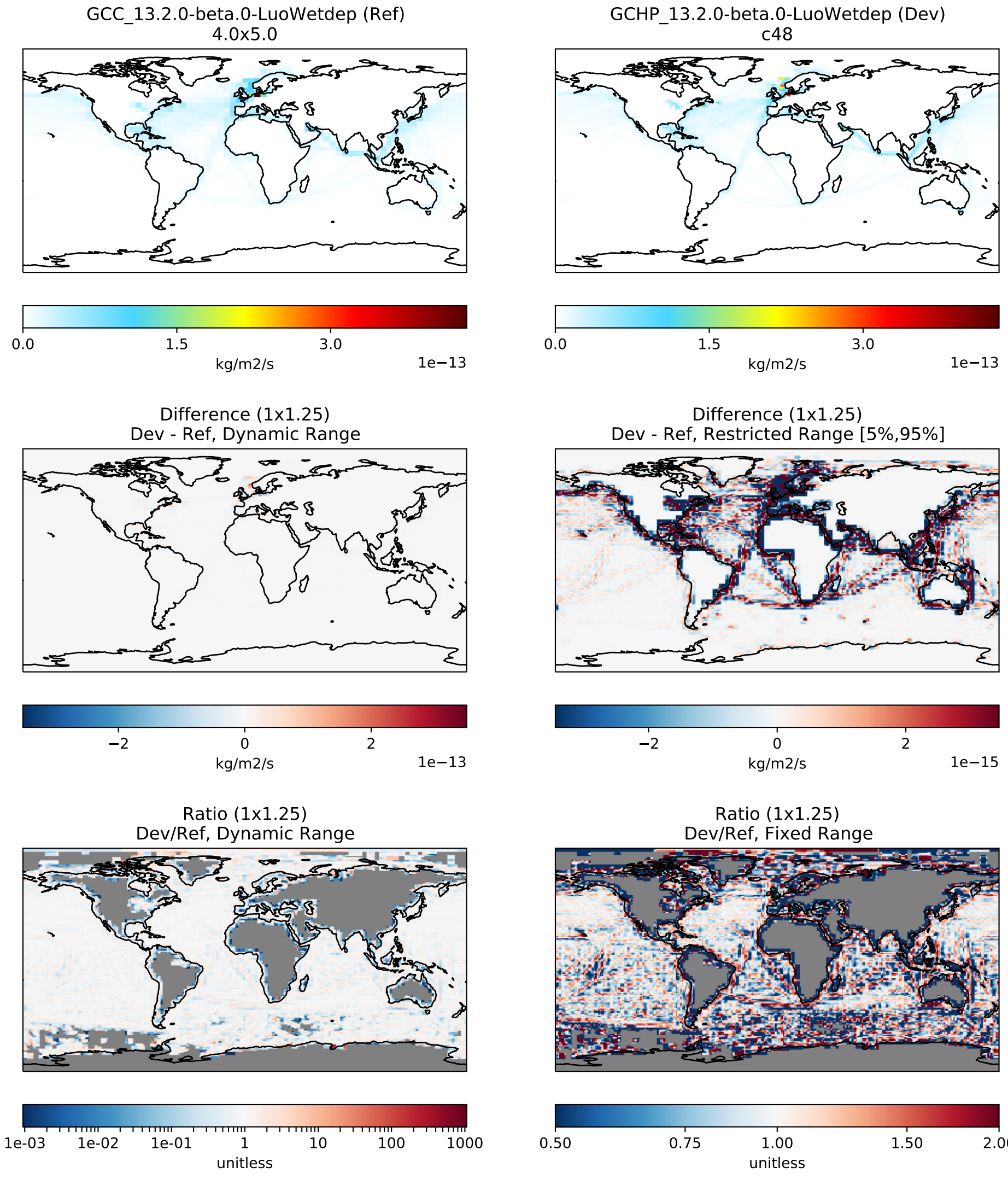
EmisBCPI_Ship



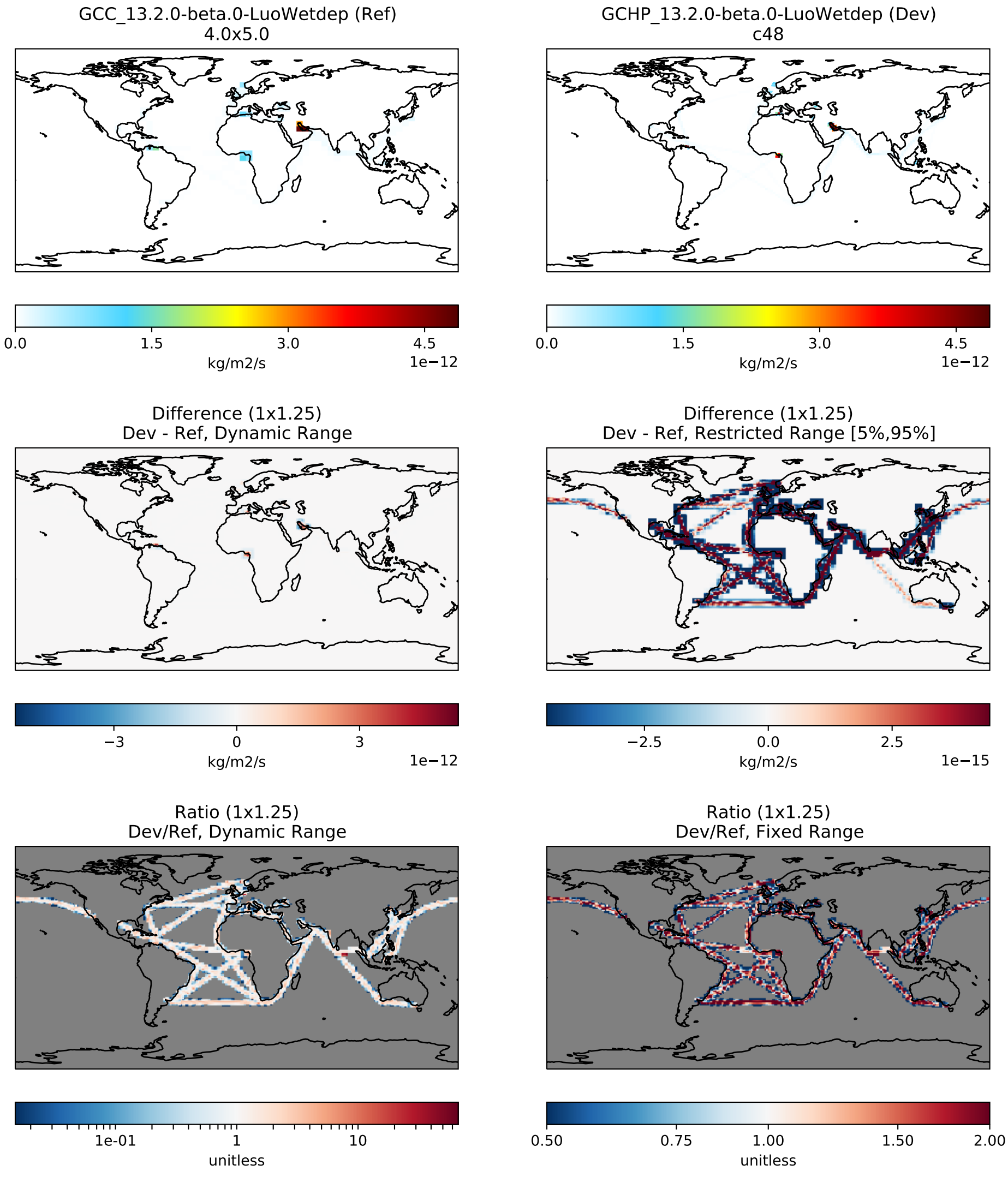
EmisBCPO_Ship



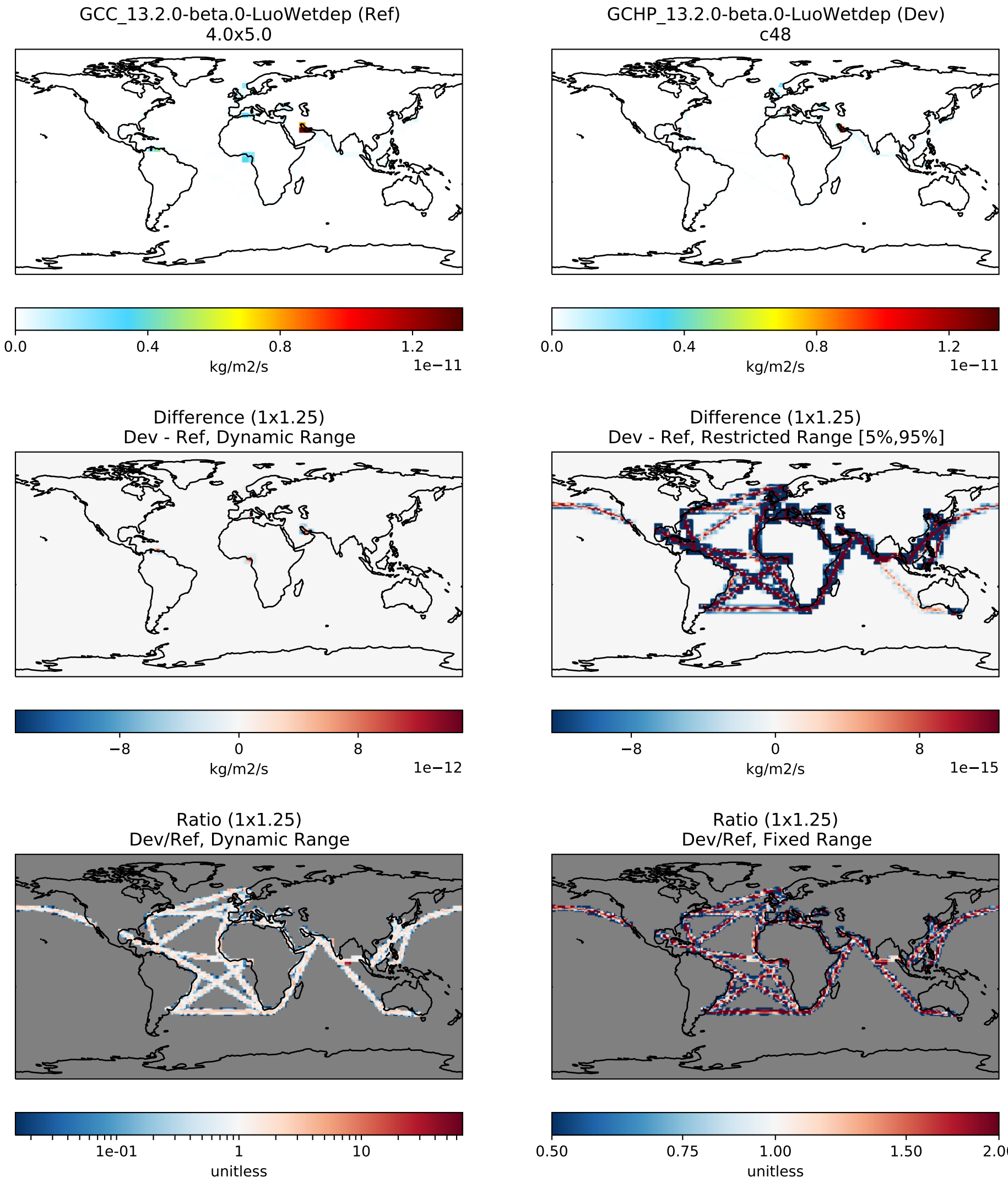
EmisBENZ_Ship



EmisC2H6_Ship

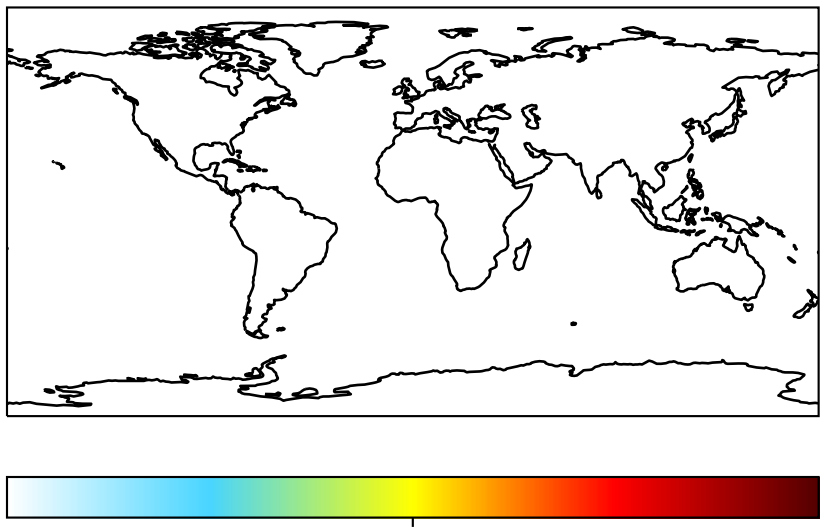


EmisC3H8_Ship

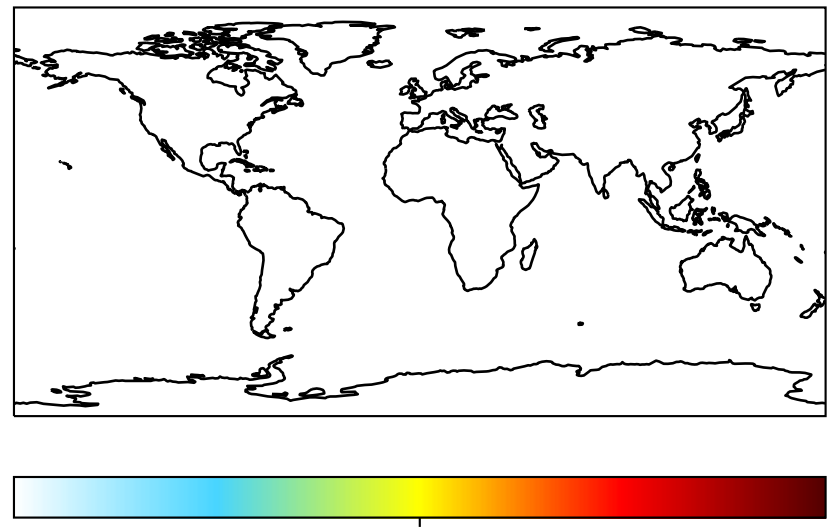


EmisCH2O_Ship

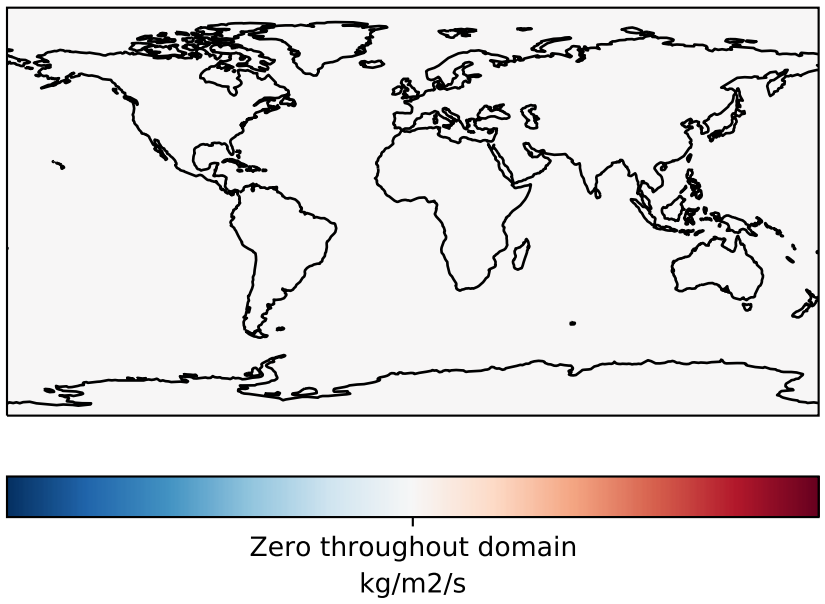
GCC_13.2.0-beta.0-LuoWetdep (Ref)
4.0x5.0



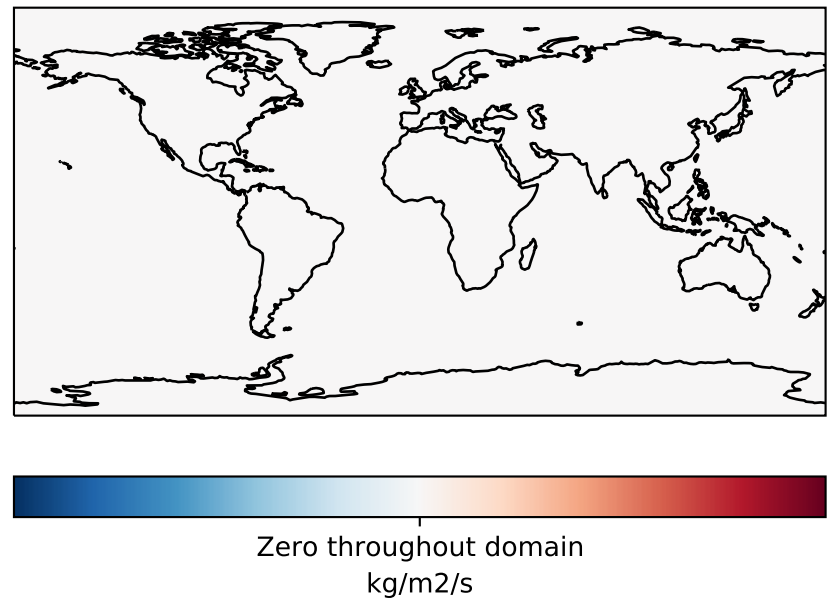
GCHP_13.2.0-beta.0-LuoWetdep (Dev)
c48



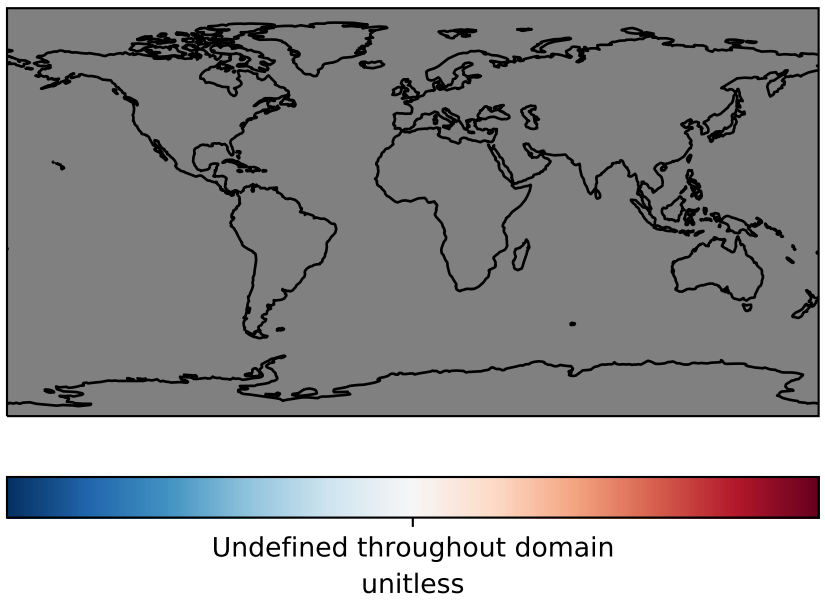
Difference (1x1.25)
Dev - Ref, Dynamic Range



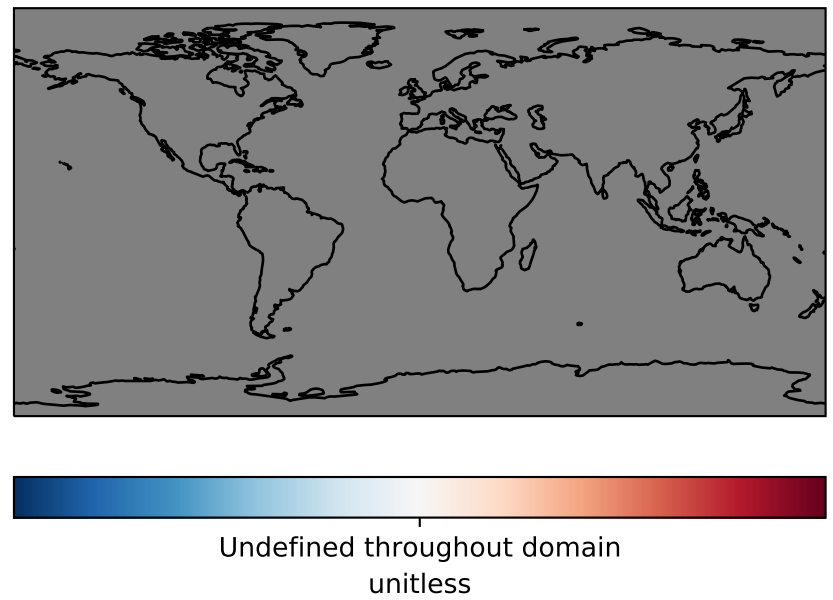
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

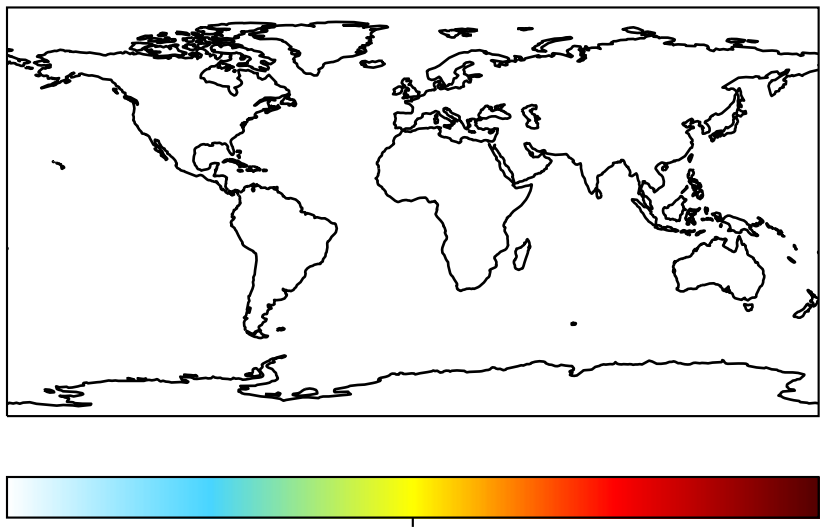


Ratio (1x1.25)
Dev/Ref, Fixed Range

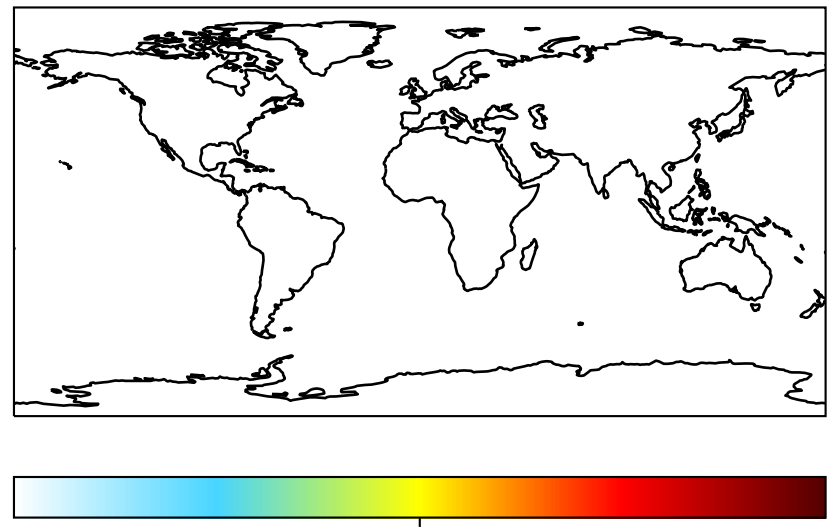


EmisCO2_Ship

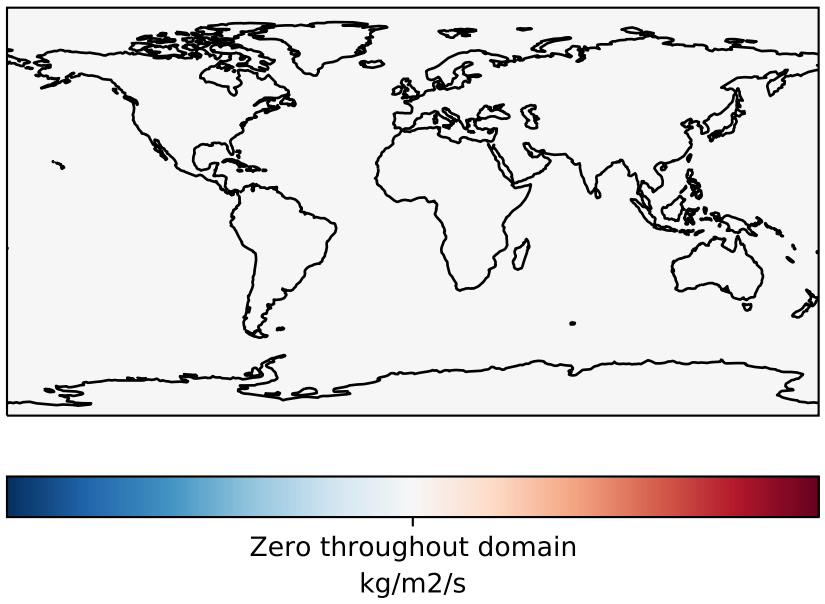
GCC_13.2.0-beta.0-LuoWetdep (Ref)
4.0x5.0



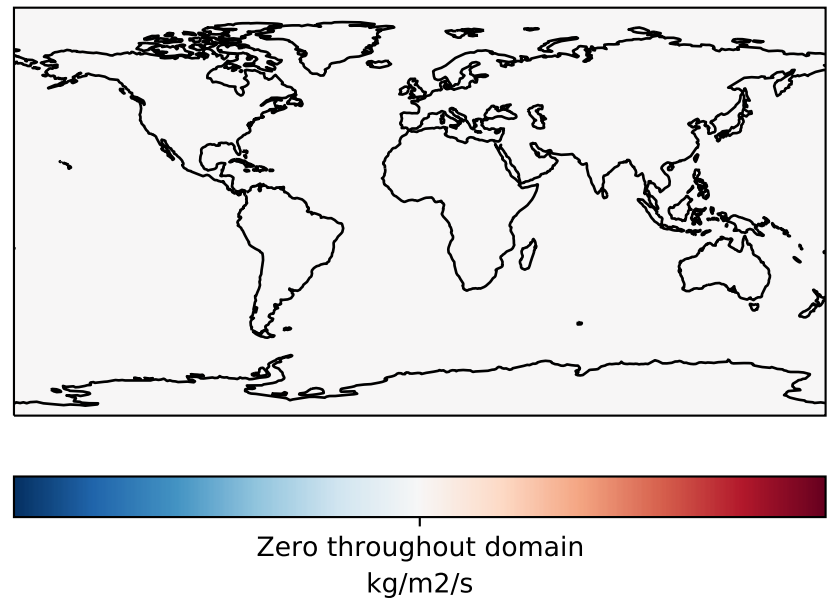
GCHP_13.2.0-beta.0-LuoWetdep (Dev)
c48



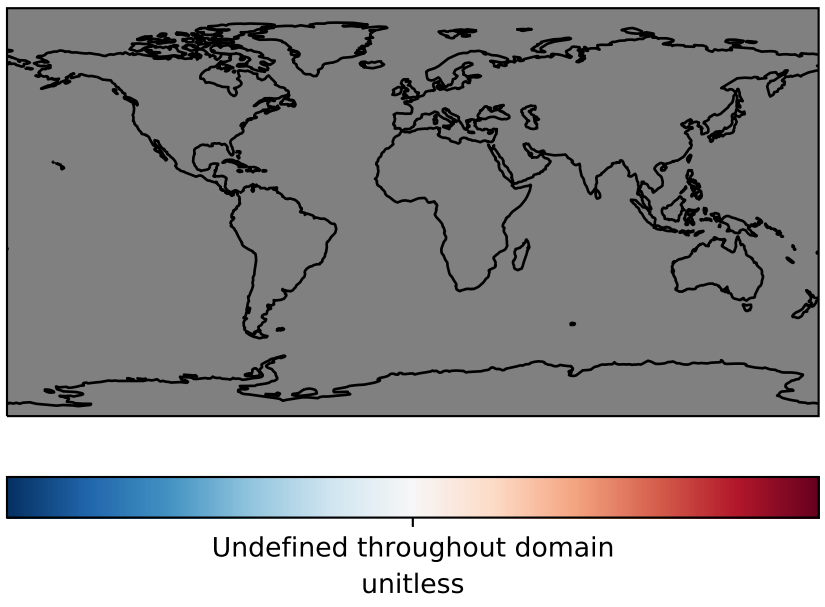
Difference (1x1.25)
Dev - Ref, Dynamic Range



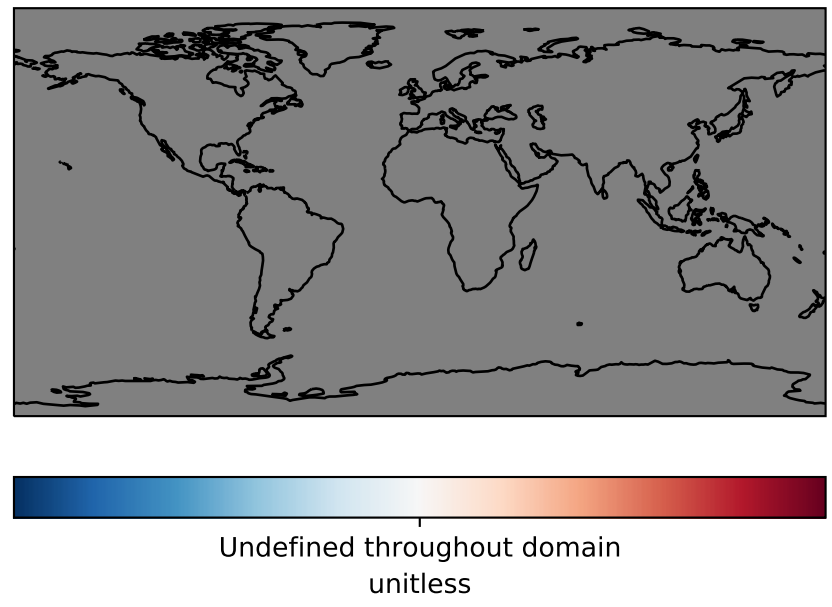
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



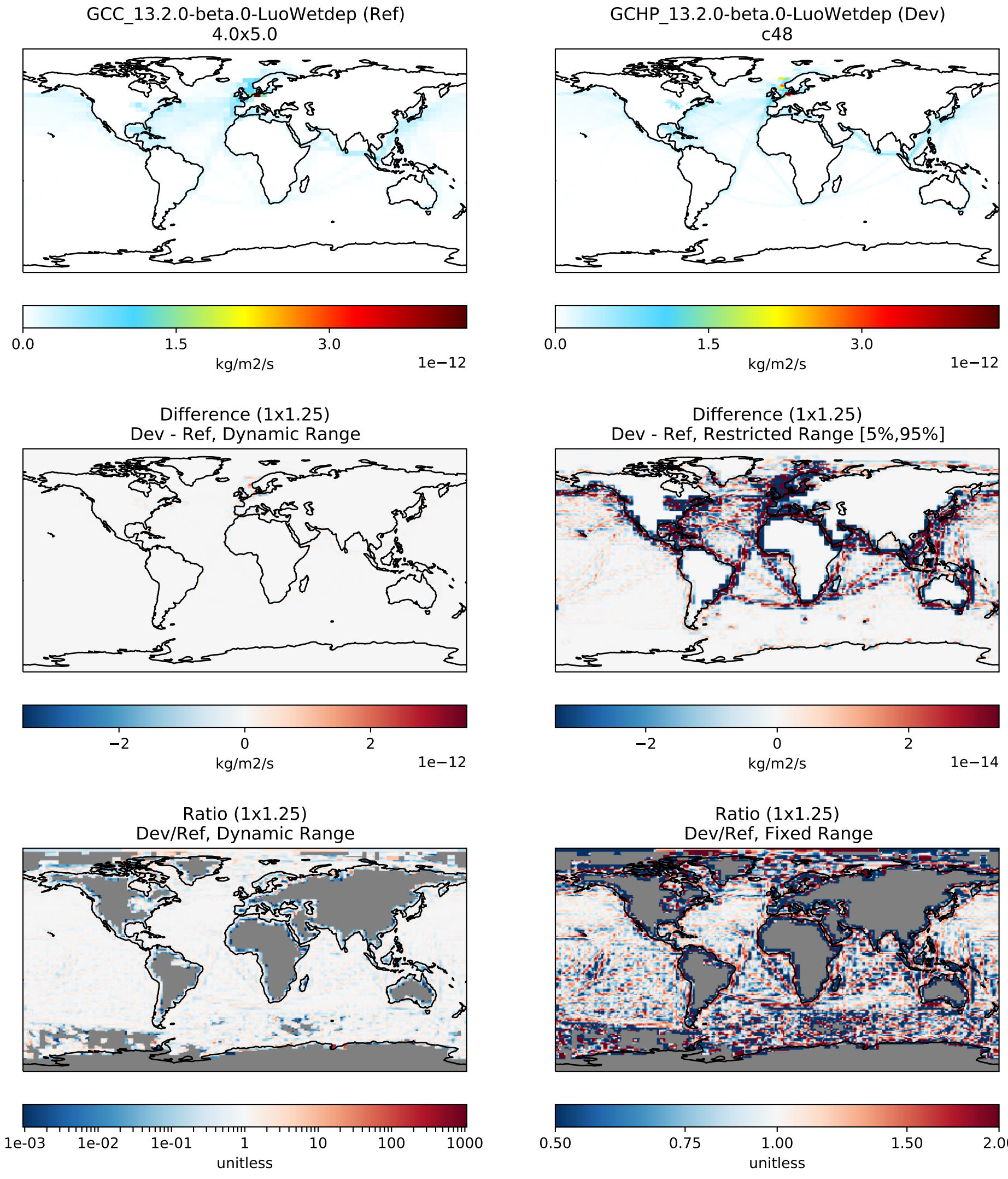
Ratio (1x1.25)
Dev/Ref, Dynamic Range



Ratio (1x1.25)
Dev/Ref, Fixed Range

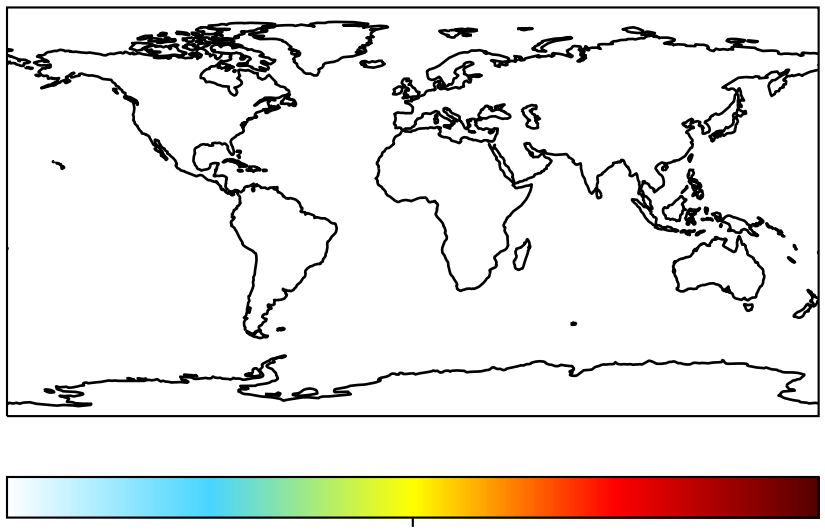


EmisCO_Ship

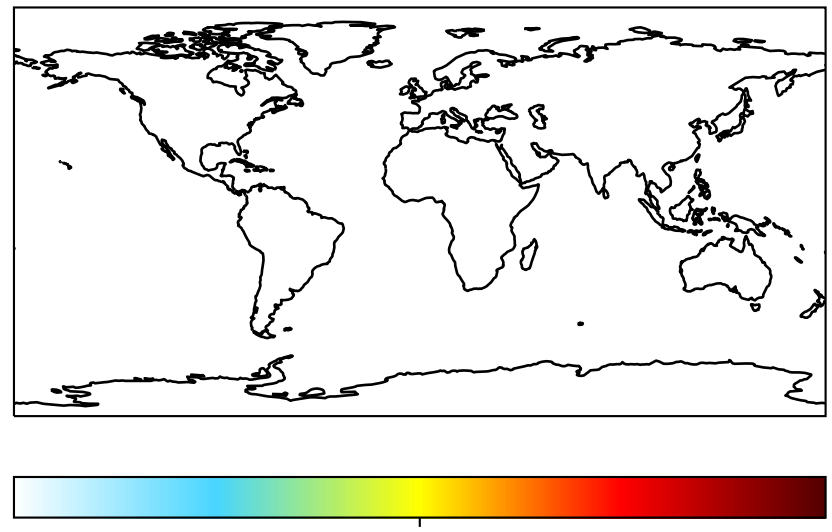

GCC_13.2.0-beta.0-LuoWetdep (Ref)
4.0x5.0
0.0
1.5
3.0
kg/m2/s
1e−12
GCHP_13.2.0-beta.0-LuoWetdep (Dev)
c48
0.0
1.5
3.0
kg/m2/s
1e−12
Difference (1x1.25)
Dev - Ref, Dynamic Range
−2
0
2
kg/m2/s
1e−12
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]
−2
0
2
kg/m2/s
1e−14
Ratio (1x1.25)
Dev/Ref, Dynamic Range
1e-03
1e-02
1e-01
1
10
100
1000
unitless
Ratio (1x1.25)
Dev/Ref, Fixed Range
0.50
0.75
1.00
1.50
2.00
unitless

EmisEOH_Ship

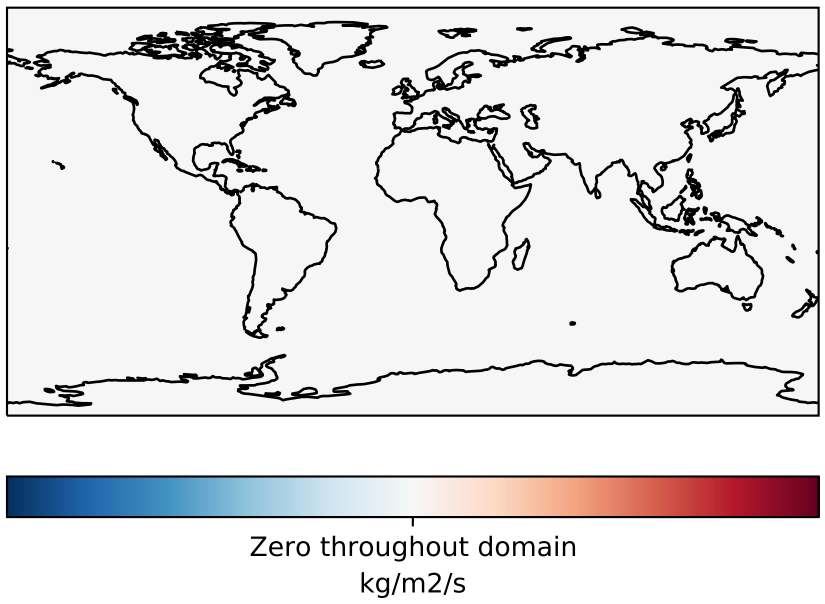
GCC_13.2.0-beta.0-LuoWetdep (Ref)
4.0x5.0



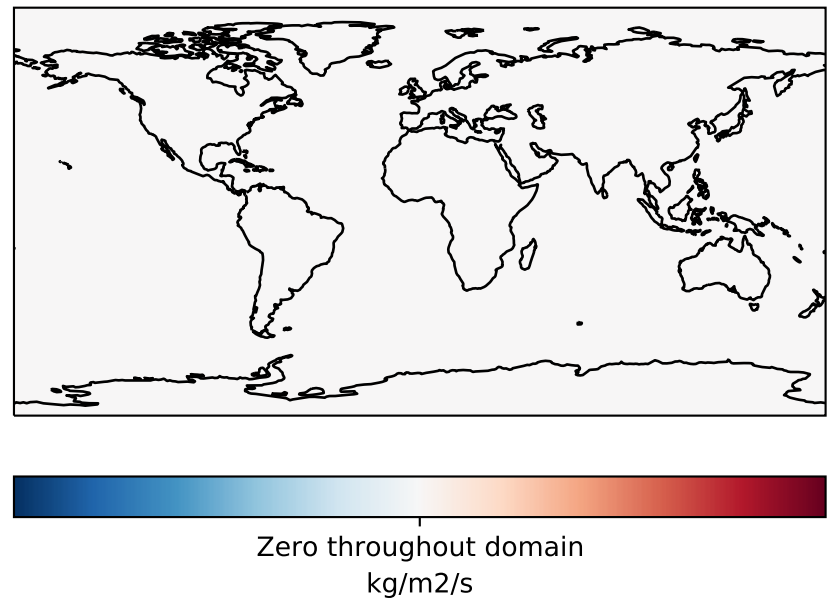
GCHP_13.2.0-beta.0-LuoWetdep (Dev)
c48



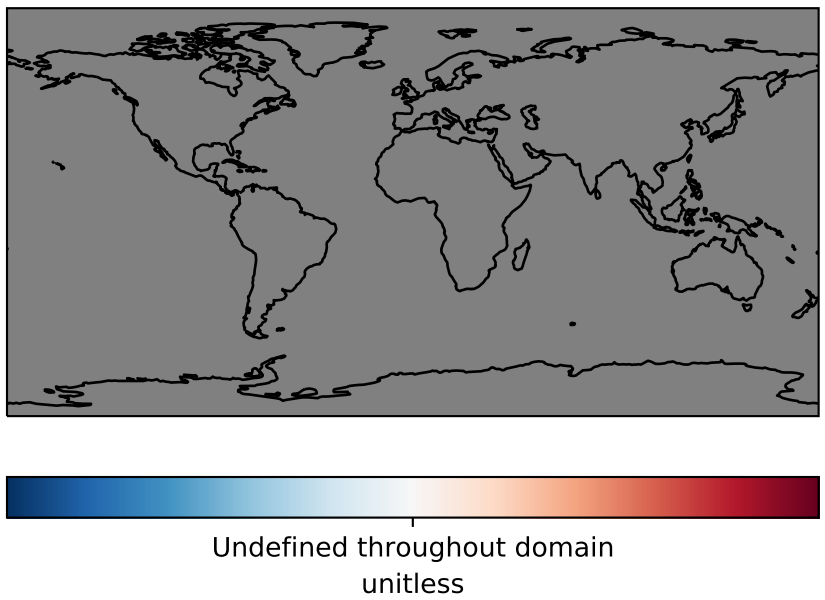
Difference (1x1.25)
Dev - Ref, Dynamic Range



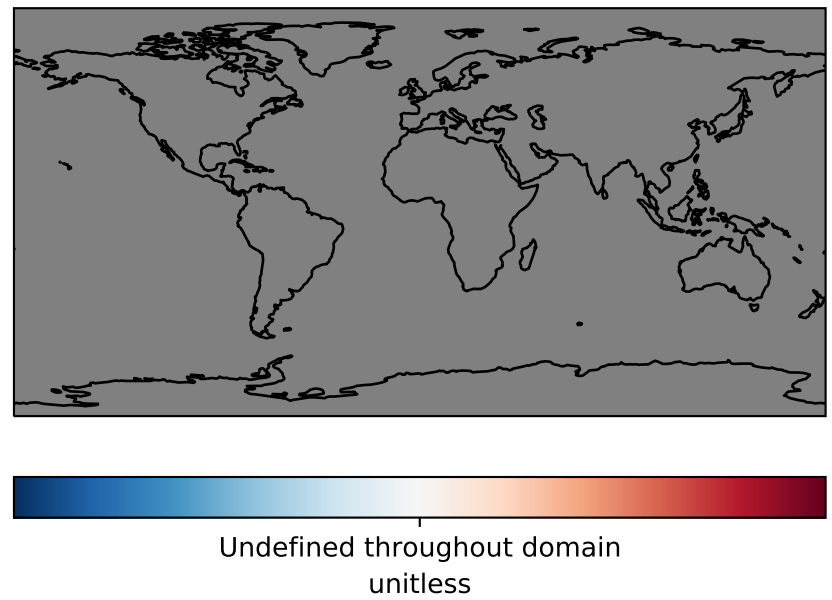
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

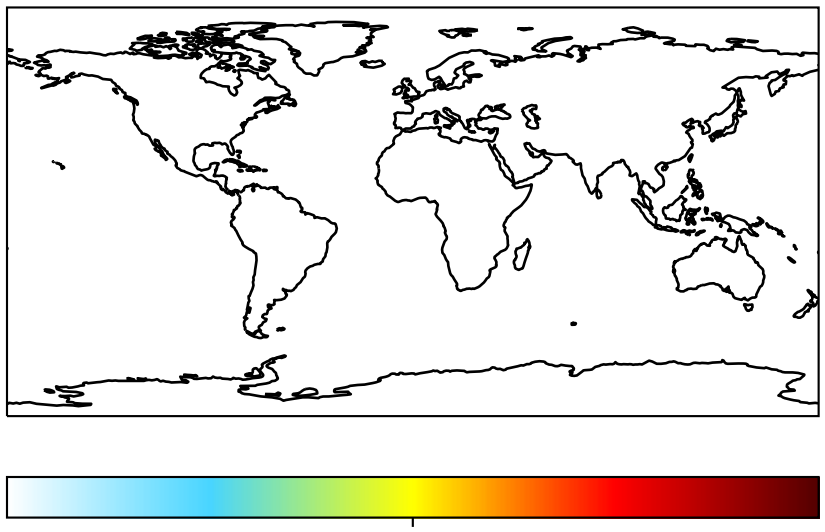


Ratio (1x1.25)
Dev/Ref, Fixed Range



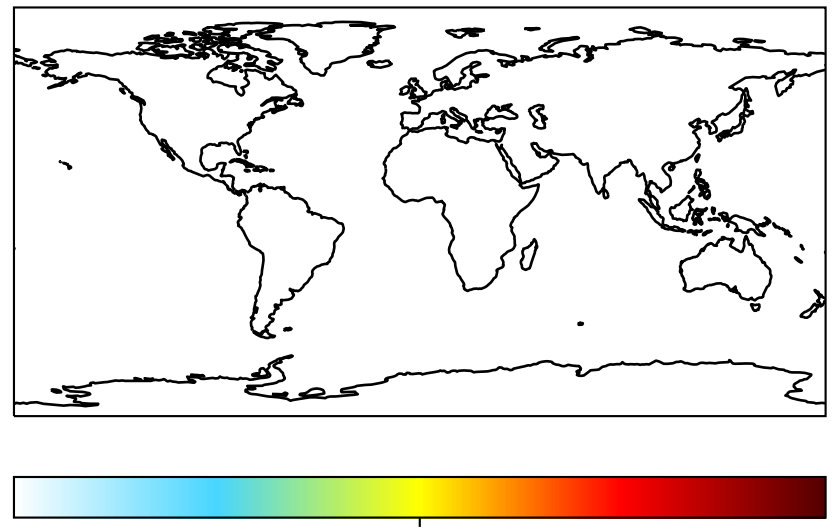
EmisHCOOH_Ship

GCC_13.2.0-beta.0-LuoWetdep (Ref)
4.0x5.0



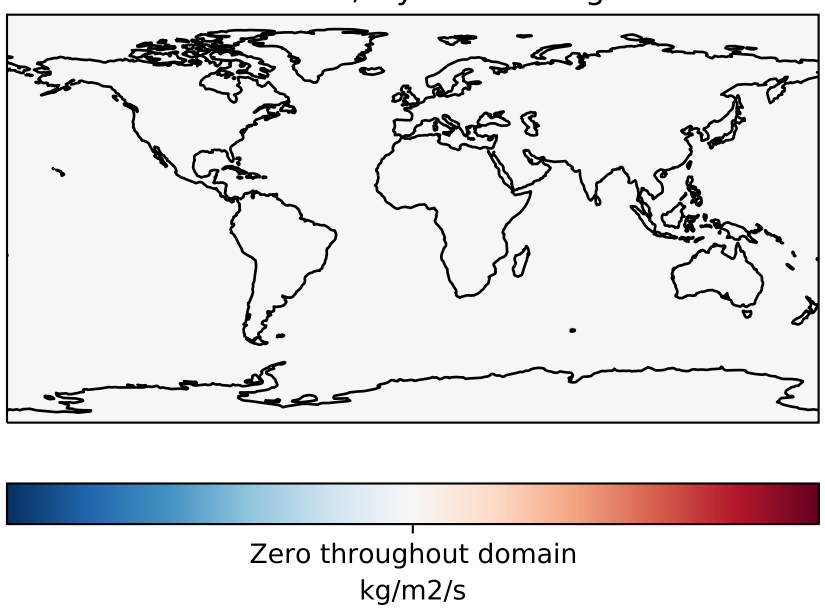
Zero throughout domain
kg/m2/s

GCHP_13.2.0-beta.0-LuoWetdep (Dev)
c48



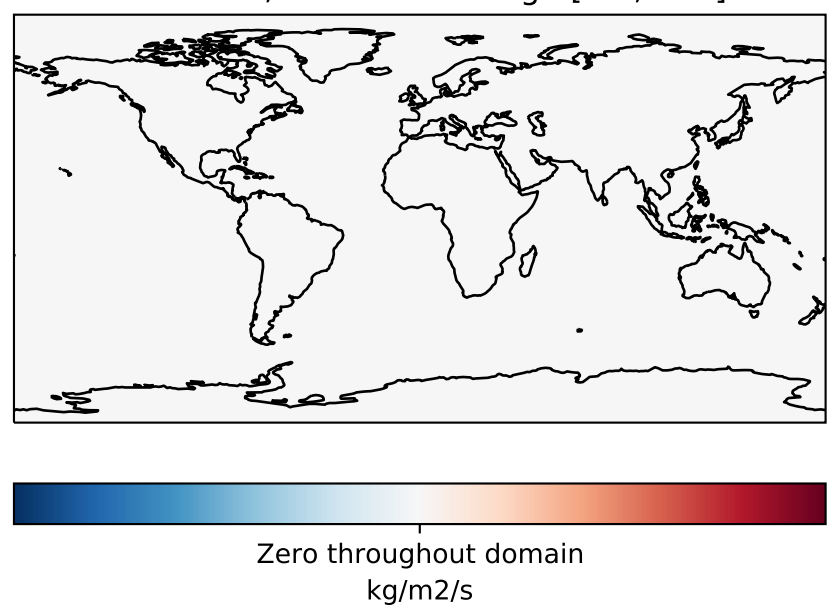
Zero throughout domain
kg/m2/s

Difference (1x1.25)
Dev - Ref, Dynamic Range



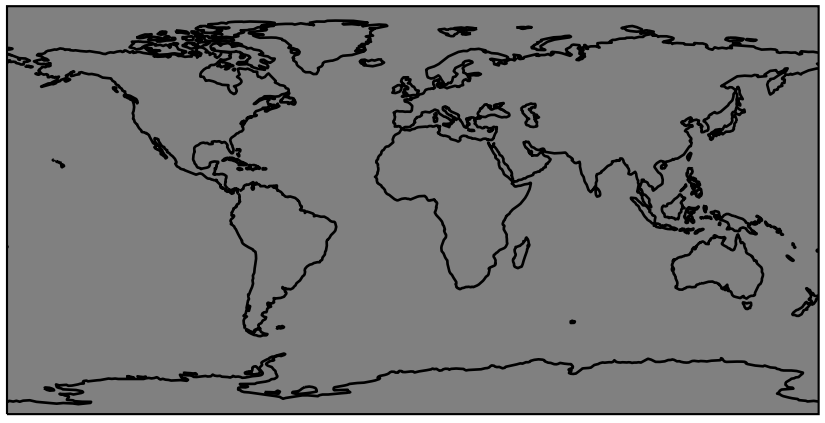
Zero throughout domain
kg/m2/s

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



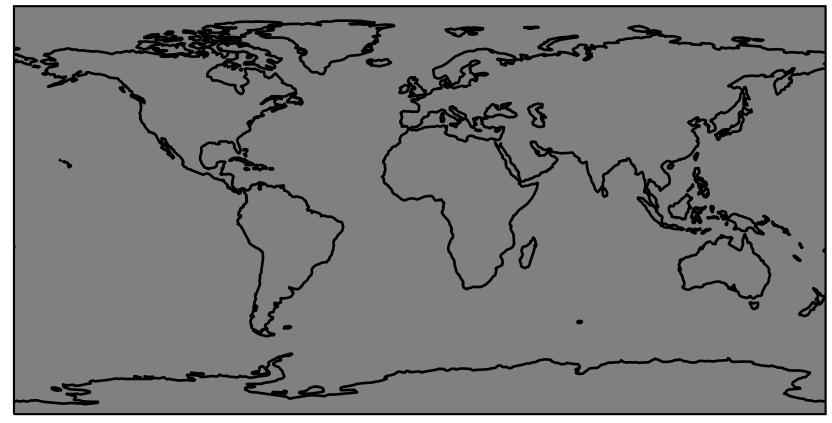
Zero throughout domain
kg/m2/s

Ratio (1x1.25)
Dev/Ref, Dynamic Range



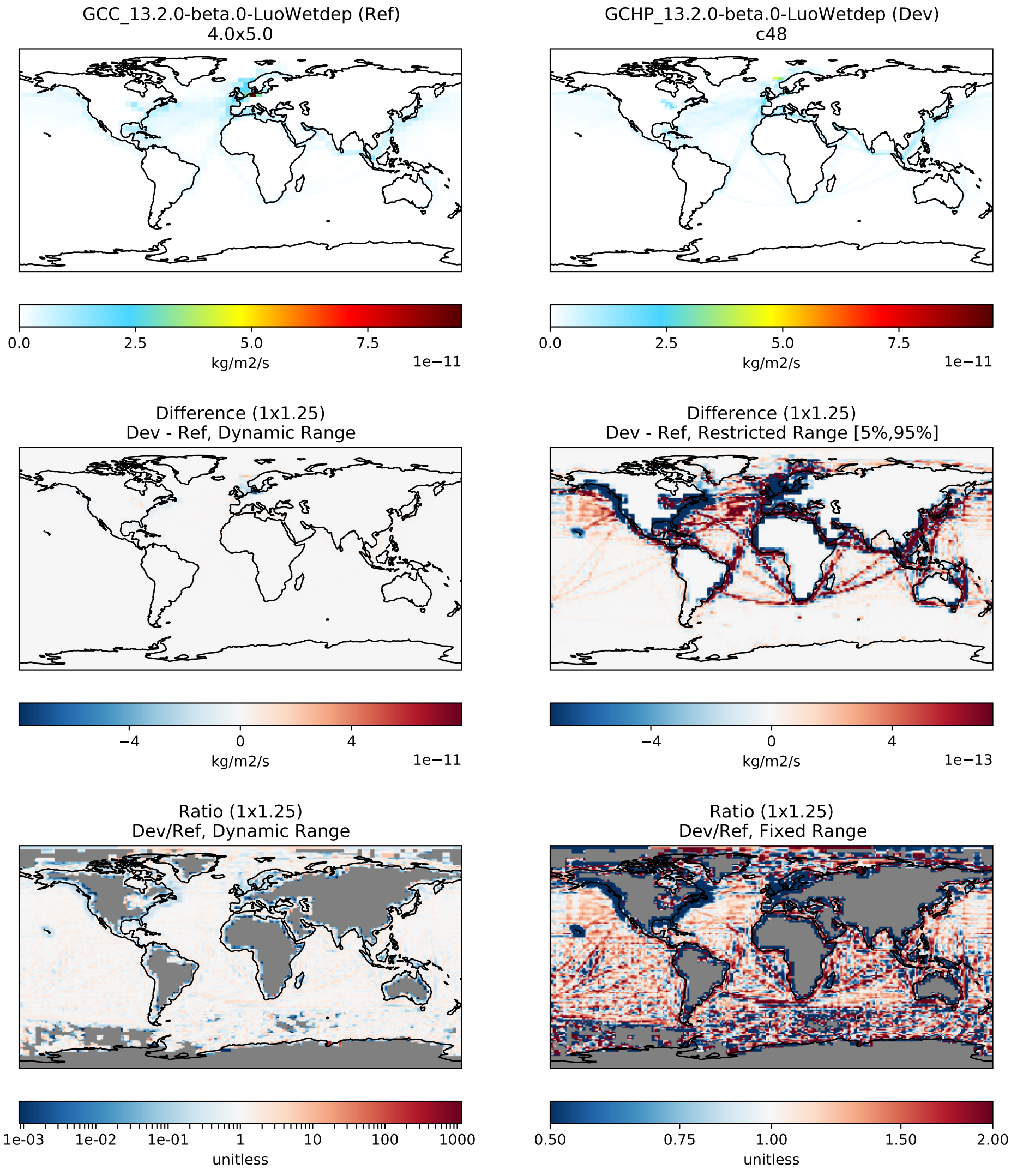
Undefined throughout domain
unitless

Ratio (1x1.25)
Dev/Ref, Fixed Range



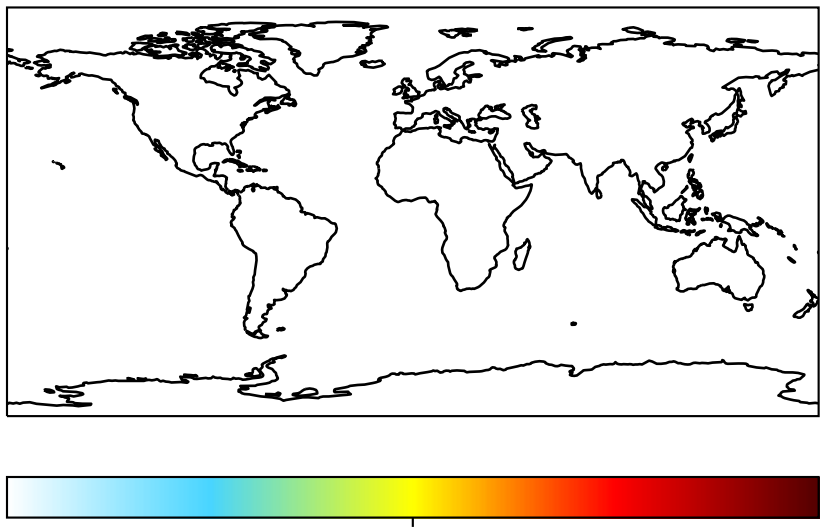
Undefined throughout domain
unitless

EmisHNO3_Ship

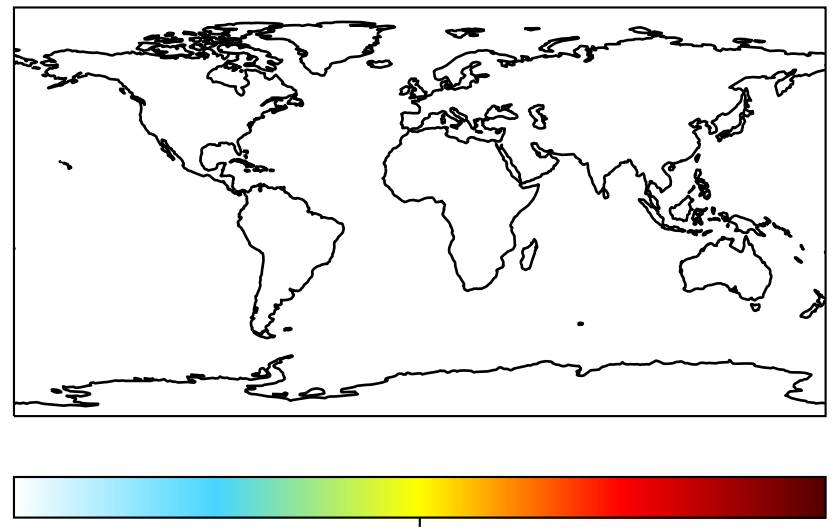


EmisMEK_Ship

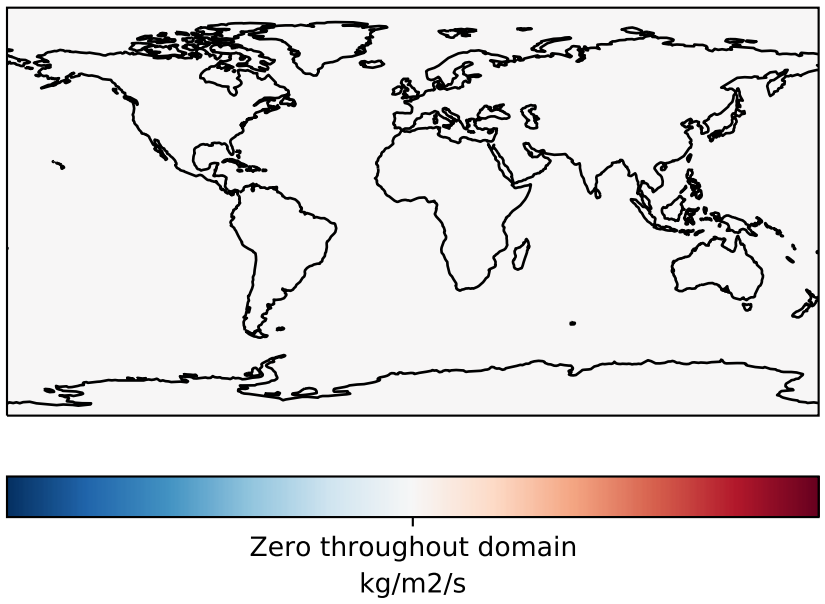
GCC_13.2.0-beta.0-LuoWetdep (Ref)
4.0x5.0



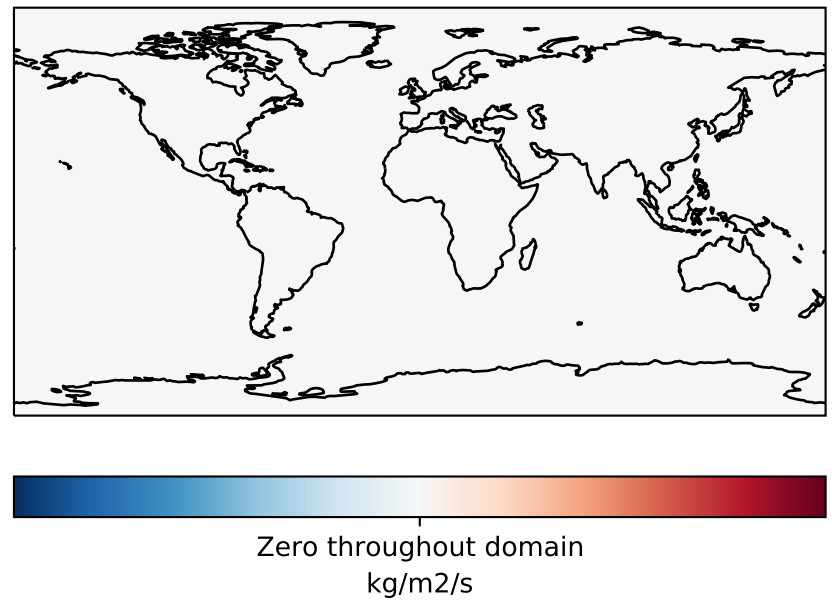
GCHP_13.2.0-beta.0-LuoWetdep (Dev)
c48



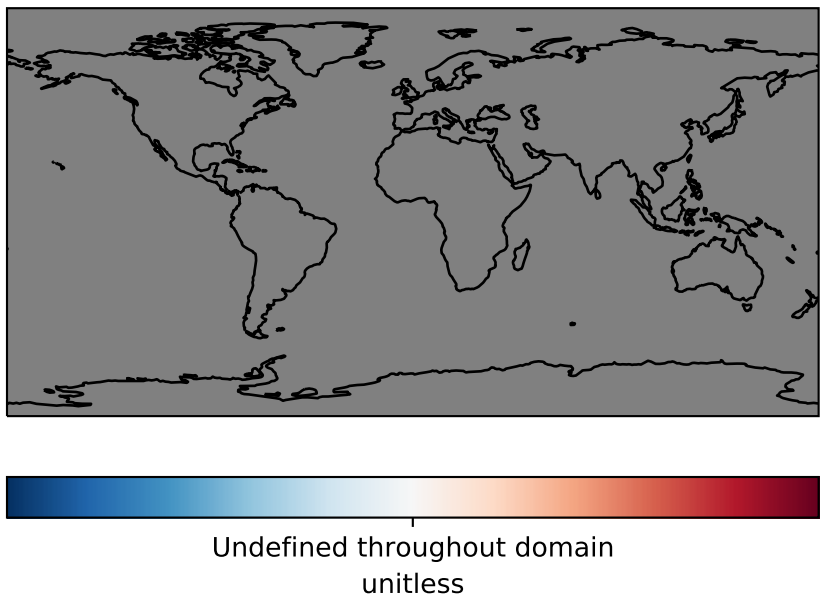
Difference (1x1.25)
Dev - Ref, Dynamic Range



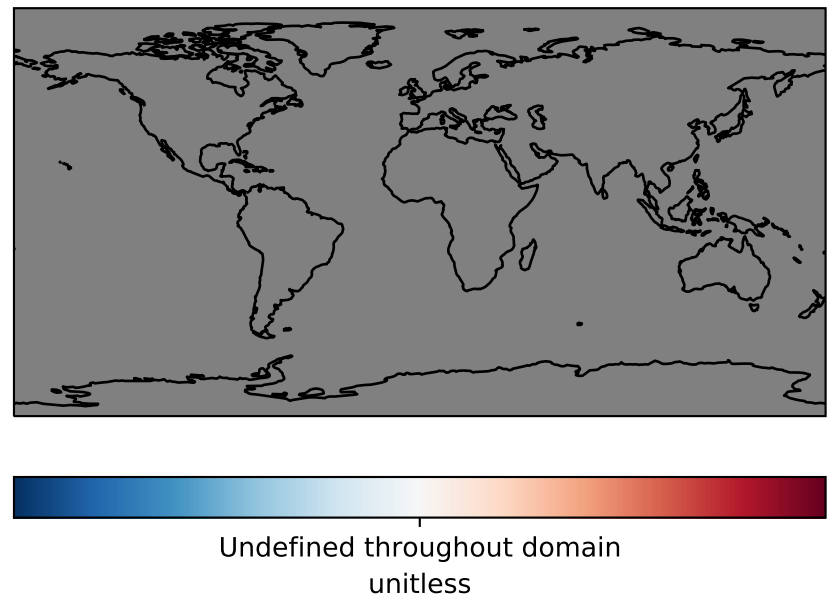
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

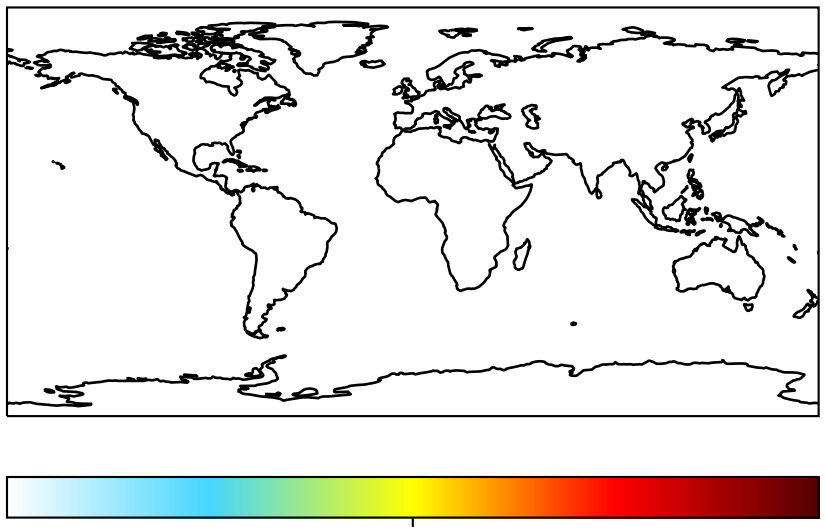


Ratio (1x1.25)
Dev/Ref, Fixed Range

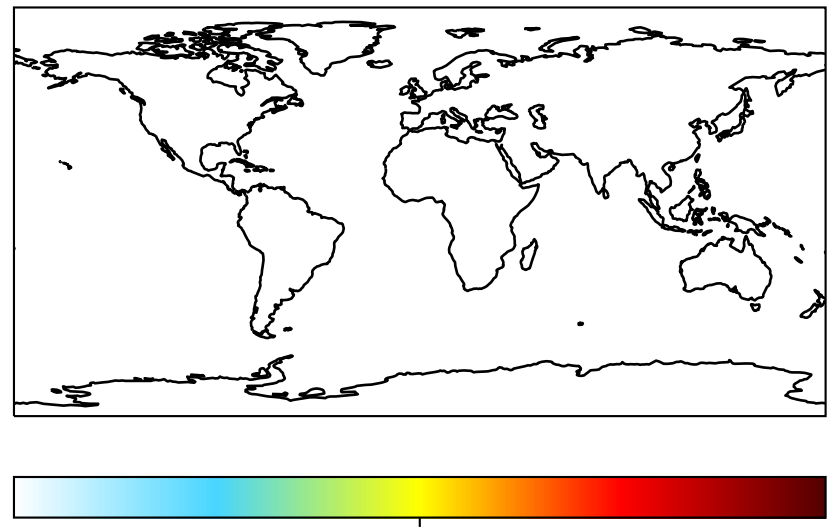


EmisMOH_Ship

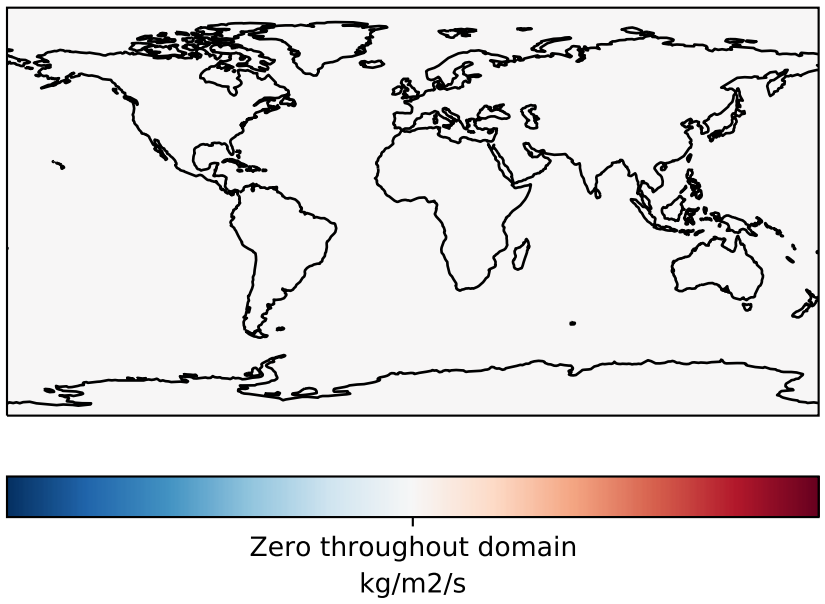
GCC_13.2.0-beta.0-LuoWetdep (Ref)
4.0x5.0



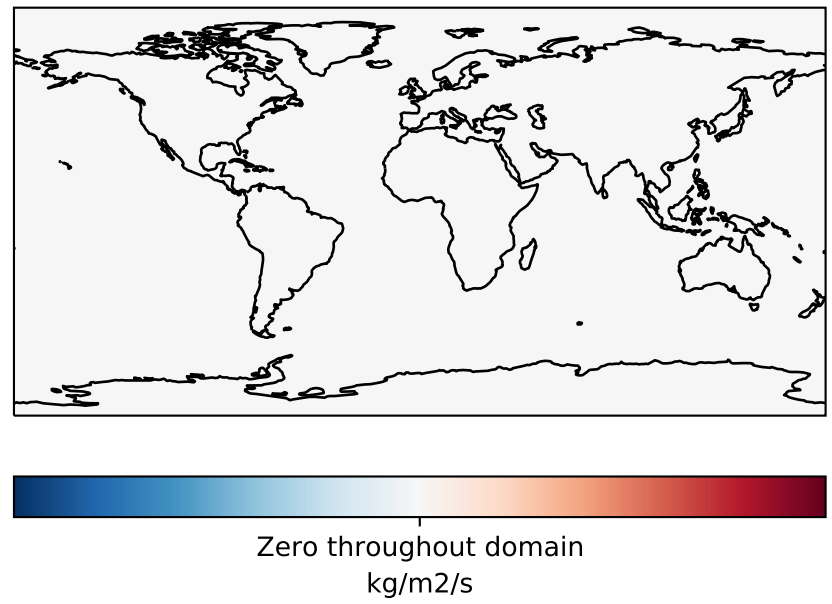
GCHP_13.2.0-beta.0-LuoWetdep (Dev)
c48



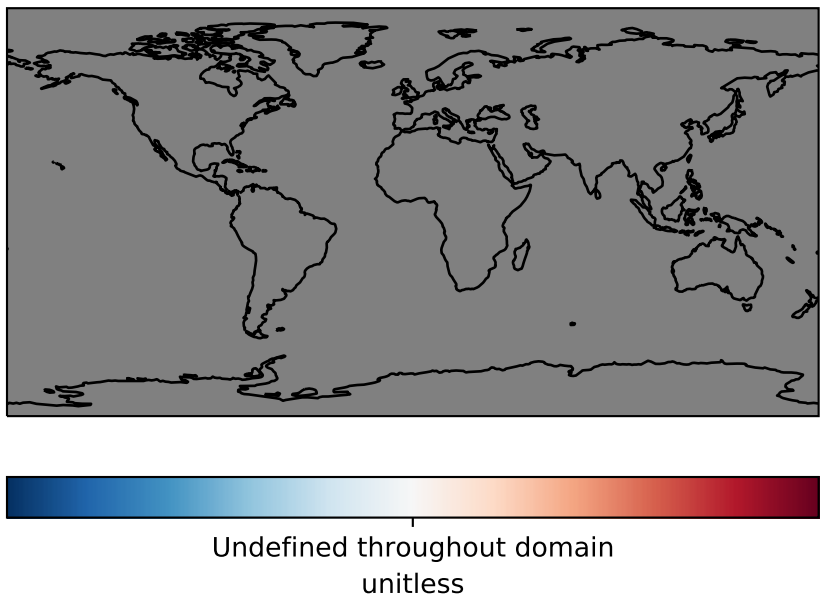
Difference (1x1.25)
Dev - Ref, Dynamic Range



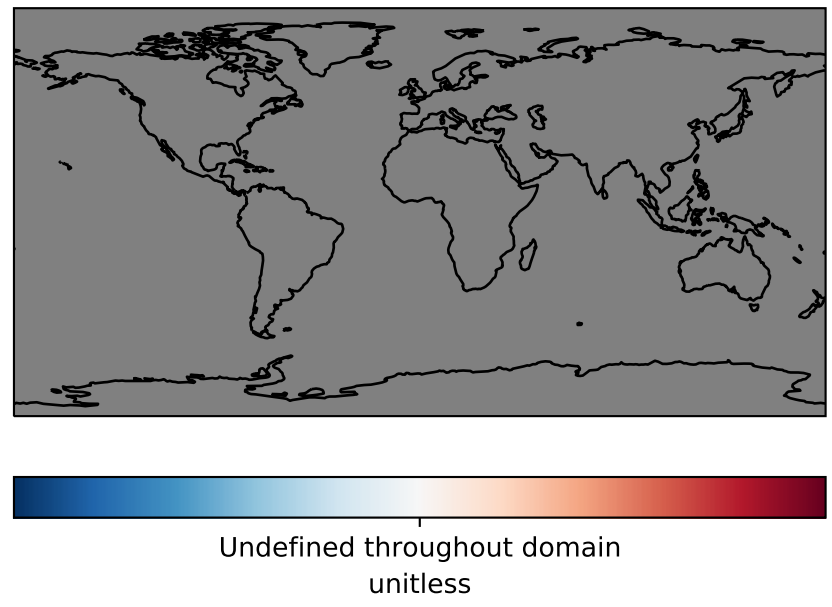
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



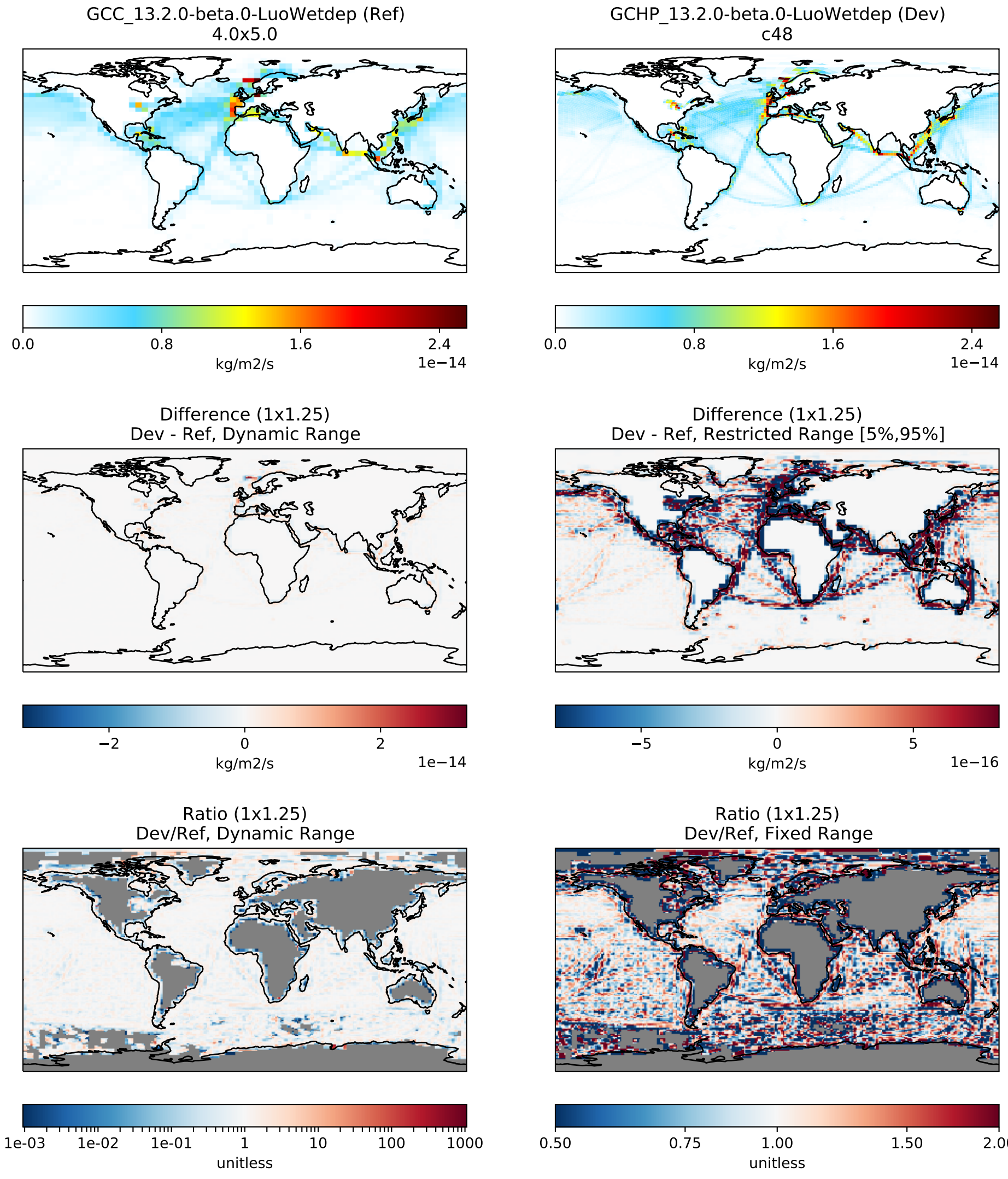
Ratio (1x1.25)
Dev/Ref, Dynamic Range



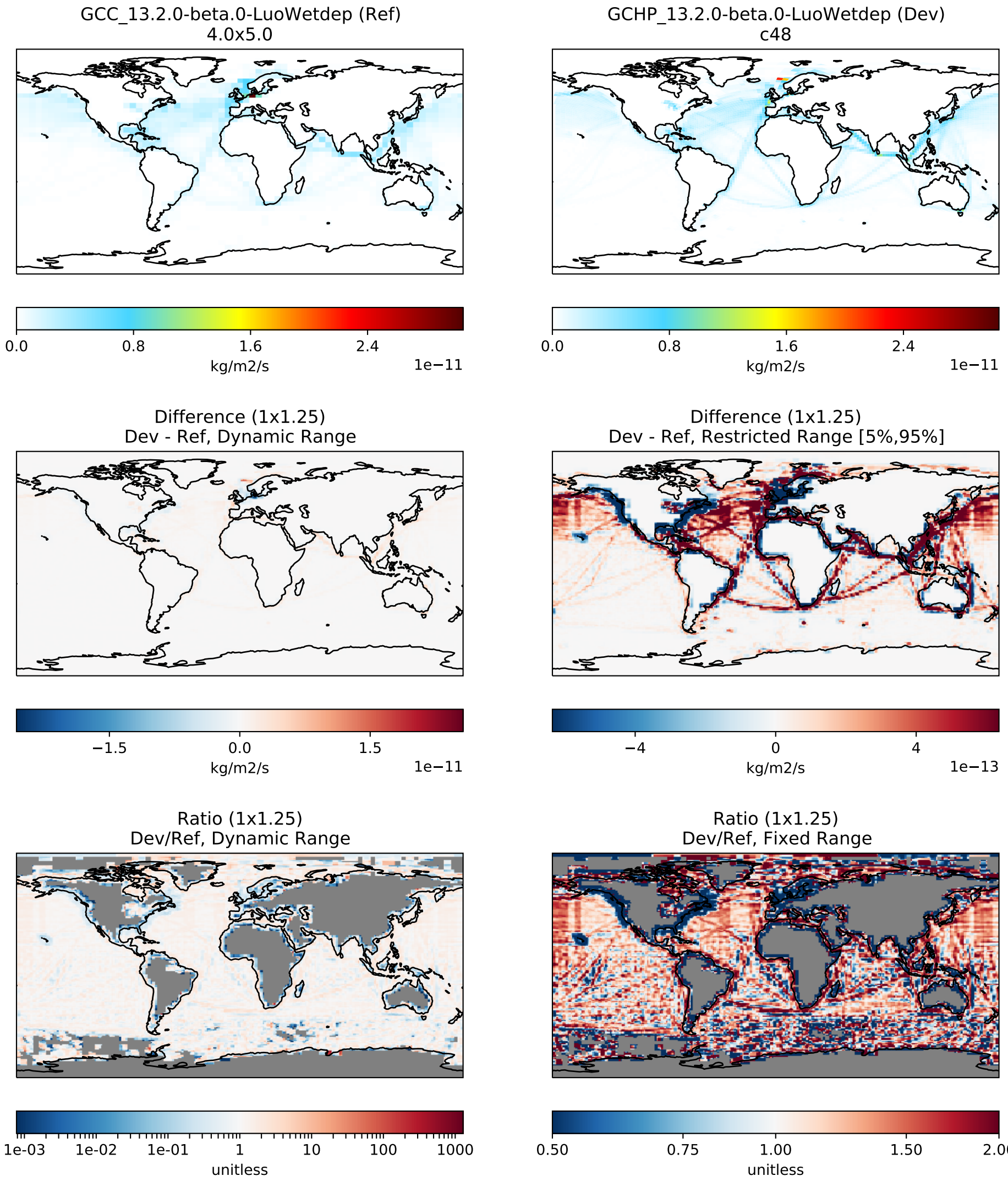
Ratio (1x1.25)
Dev/Ref, Fixed Range



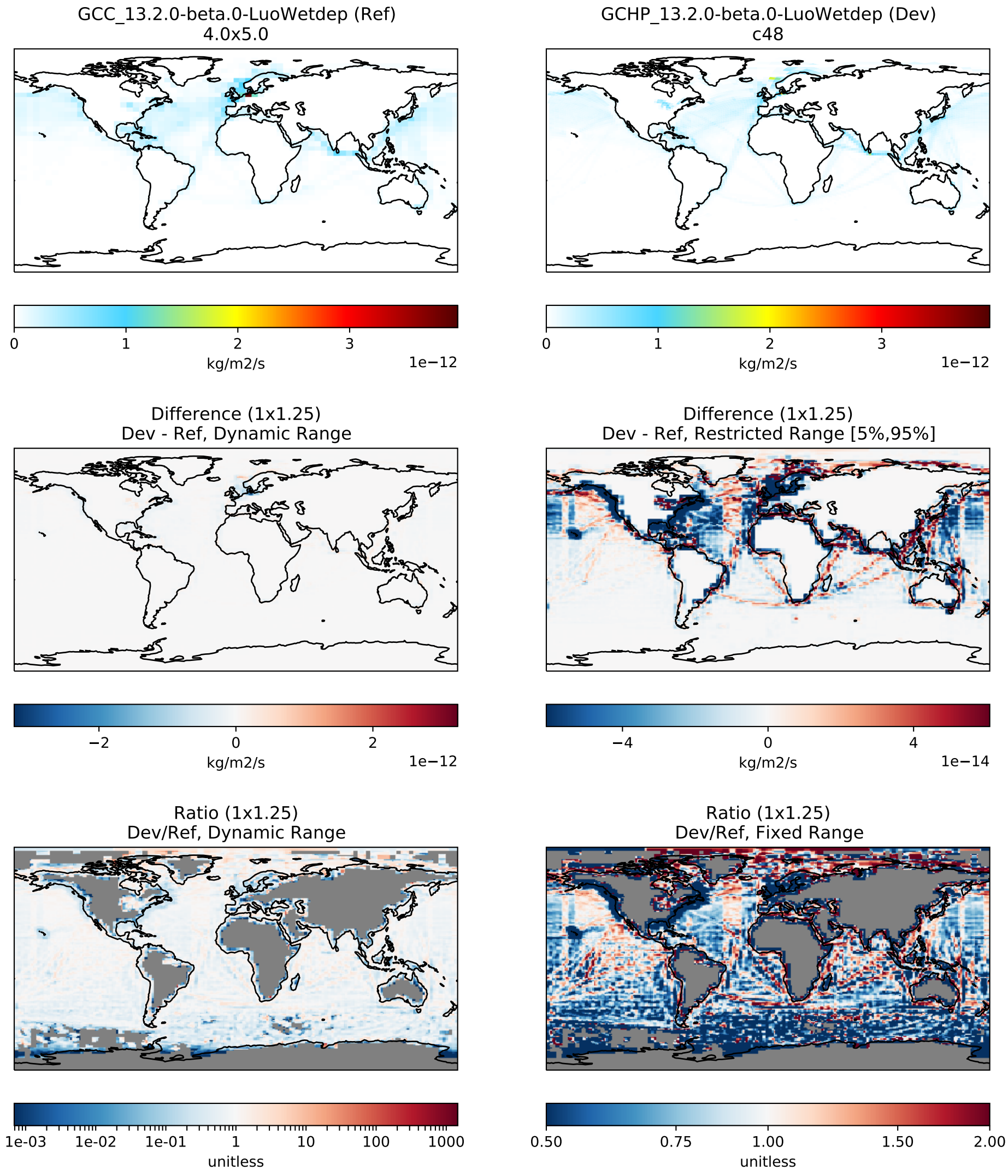
EmisNH3_Ship



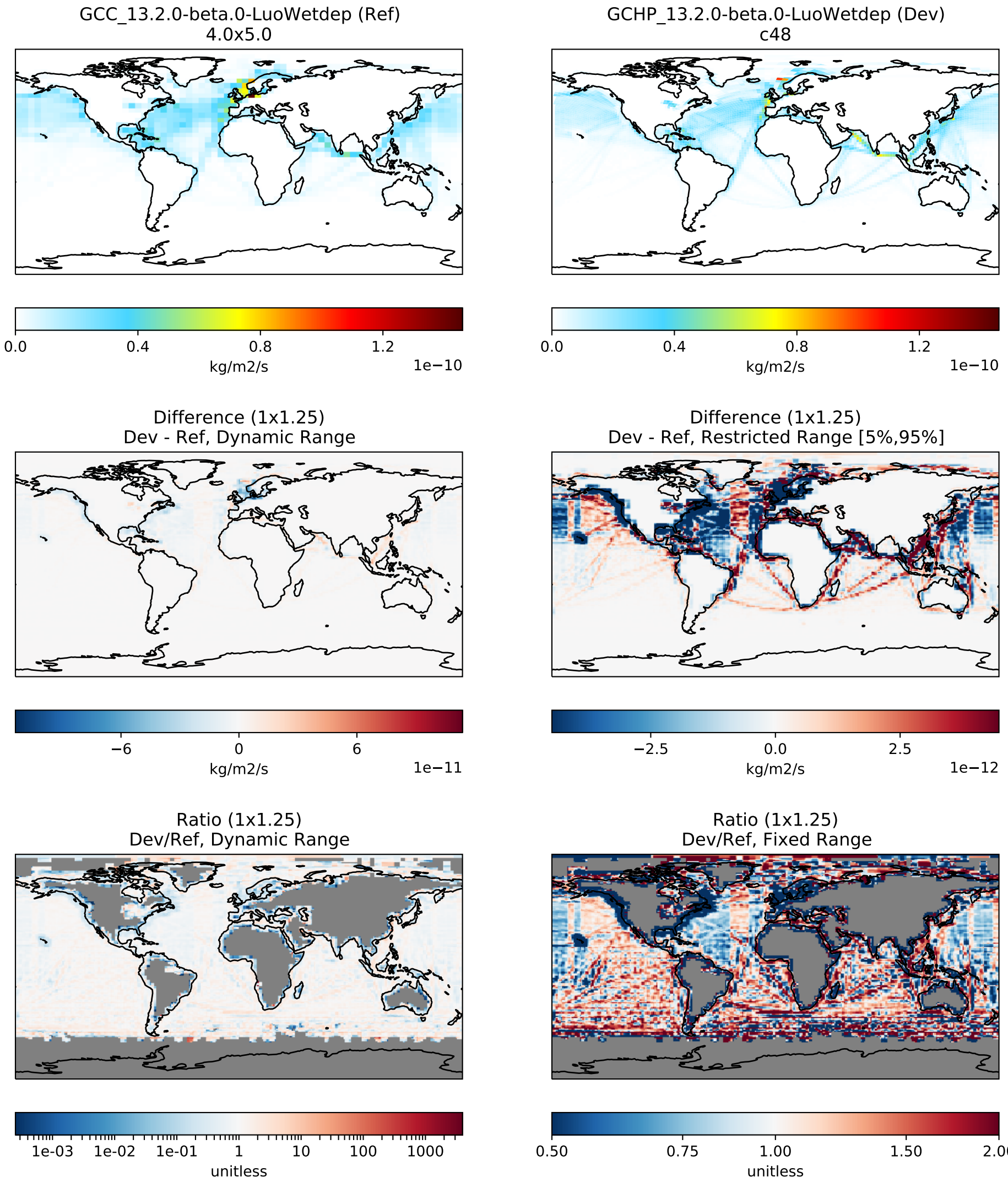
EmisNO2_Ship



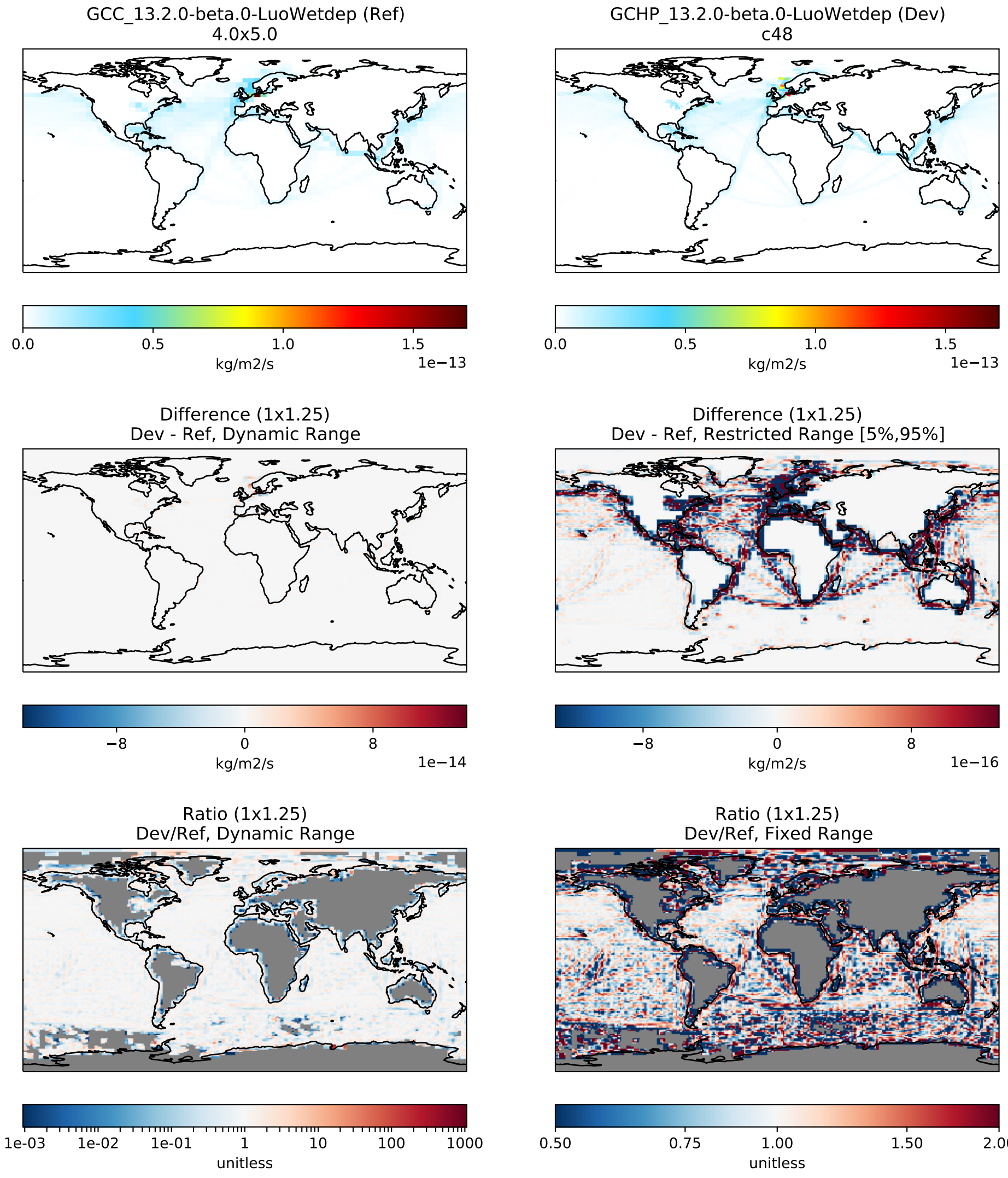
EmisNO_Ship


GCC_13.2.0-beta.0-LuoWetdep (Ref)
4.0x5.0
0
1
2
3
kg/m2/s
1e−12
GCHP_13.2.0-beta.0-LuoWetdep (Dev)
c48
0
1
2
3
kg/m2/s
1e−12
Difference (1x1.25)
Dev - Ref, Dynamic Range
−2
0
2
kg/m2/s
1e−12
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]
−4
0
4
kg/m2/s
1e−14
Ratio (1x1.25)
Dev/Ref, Dynamic Range
1e-03
1e-02
1e-01
1
10
100
1000
unitless
Ratio (1x1.25)
Dev/Ref, Fixed Range
0.50
0.75
1.00
1.50
2.00
unitless

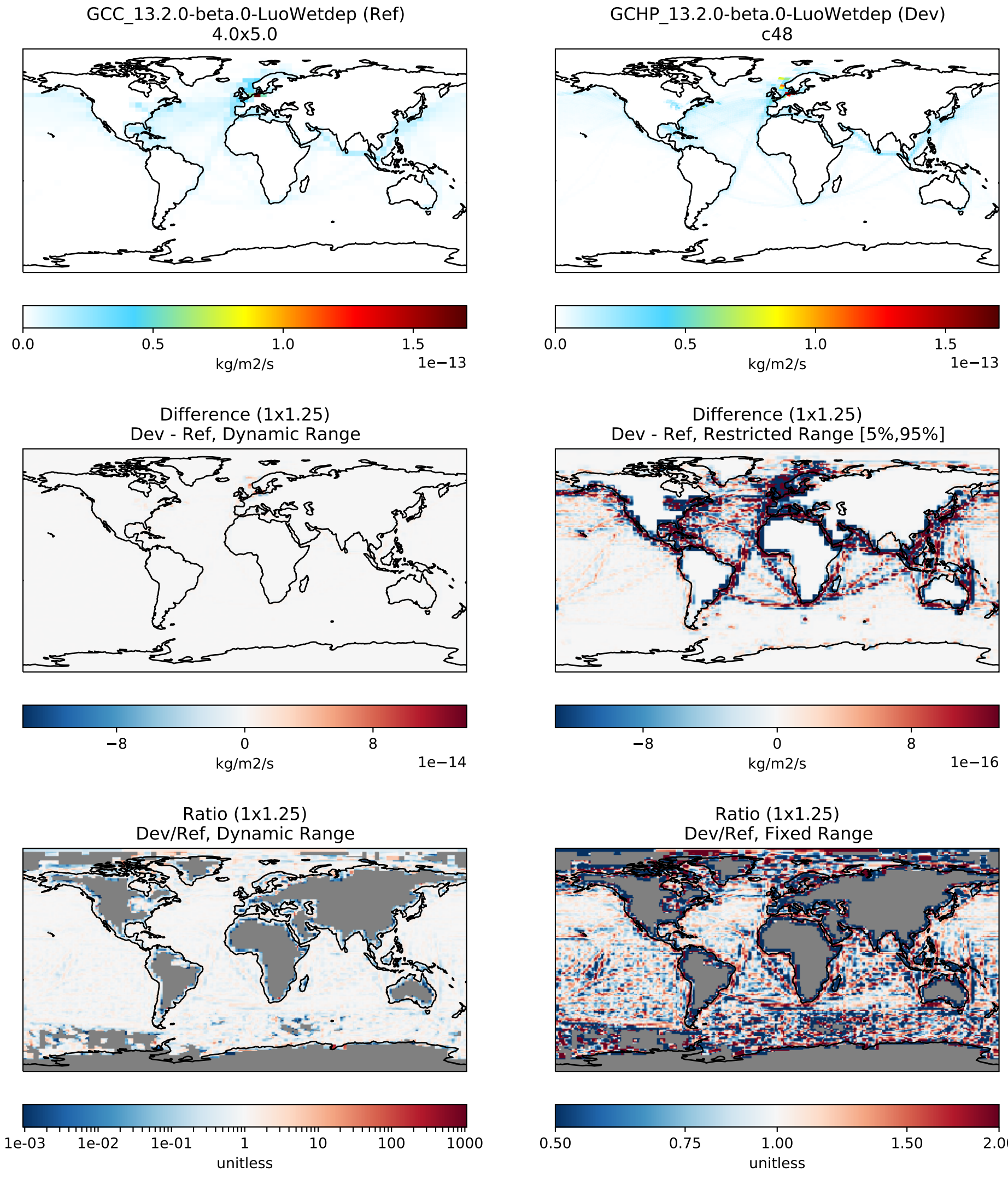
EmisO3_Ship


GCC_13.2.0-beta.0-LuoWetdep (Ref)
4.0x5.0
0.0
0.4
0.8
1.2
kg/m2/s
1e−10
GCHP_13.2.0-beta.0-LuoWetdep (Dev)
c48
0.0
0.4
0.8
1.2
kg/m2/s
1e−10
Difference (1x1.25)
Dev - Ref, Dynamic Range
−6
0
6
kg/m2/s
1e−11
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]
−2.5
0.0
2.5
kg/m2/s
1e−12
Ratio (1x1.25)
Dev/Ref, Dynamic Range
1e-03
1e-02
1e-01
1
10
100
1000
unitless
Ratio (1x1.25)
Dev/Ref, Fixed Range
0.50
0.75
1.00
1.50
2.00
unitless

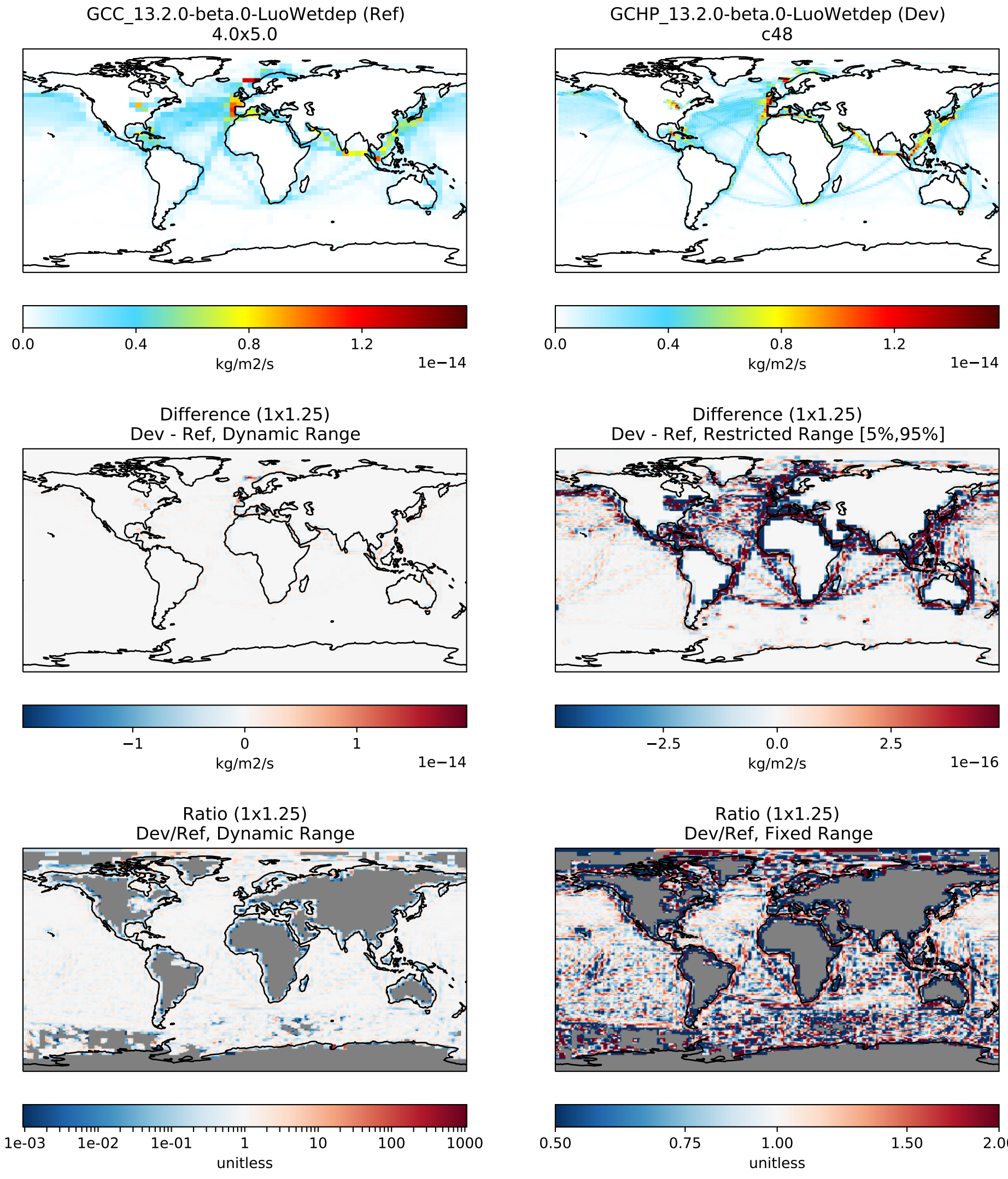
EmisOCPI_Ship



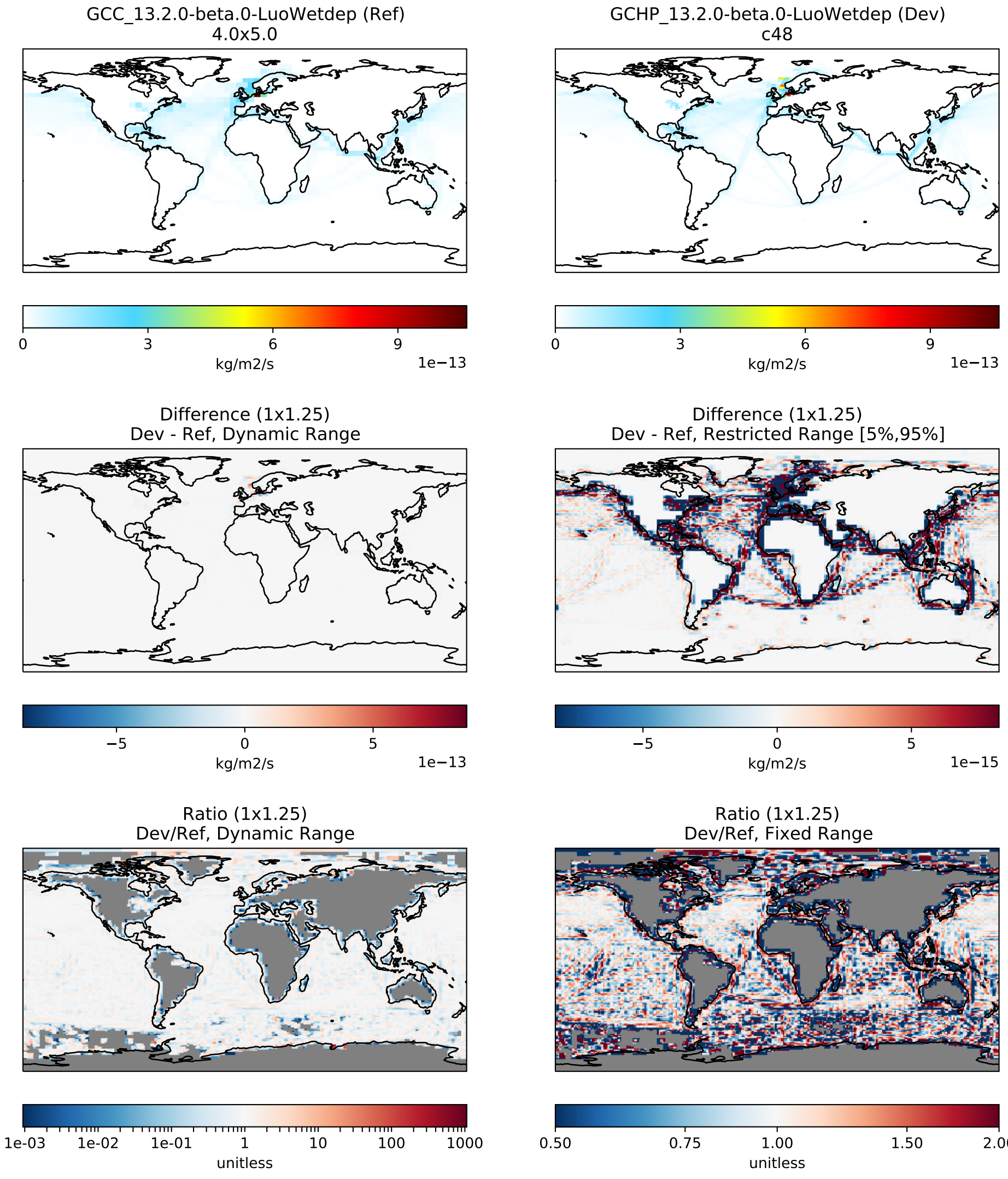
EmisOCPO_Ship



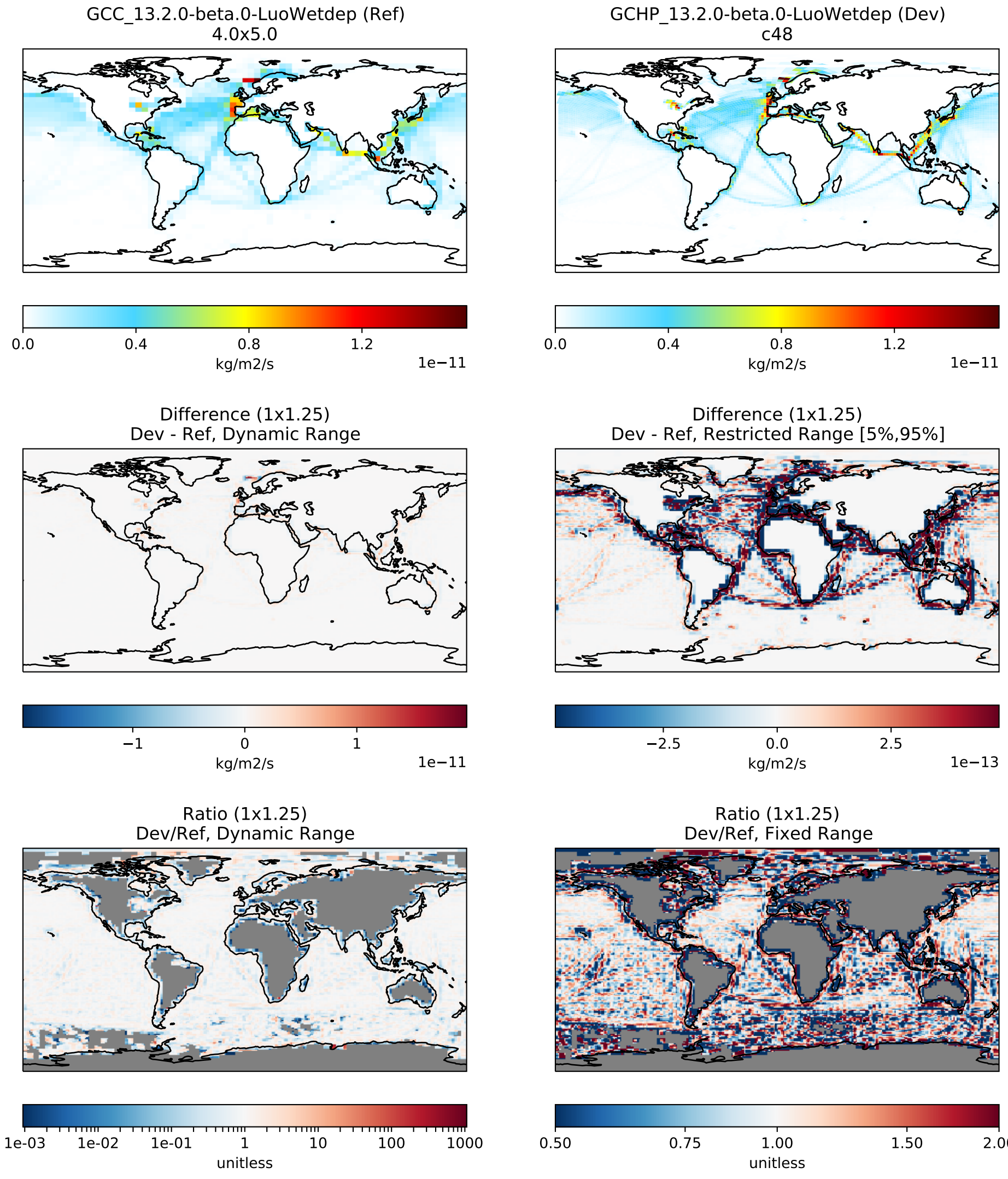
EmispFe_Ship



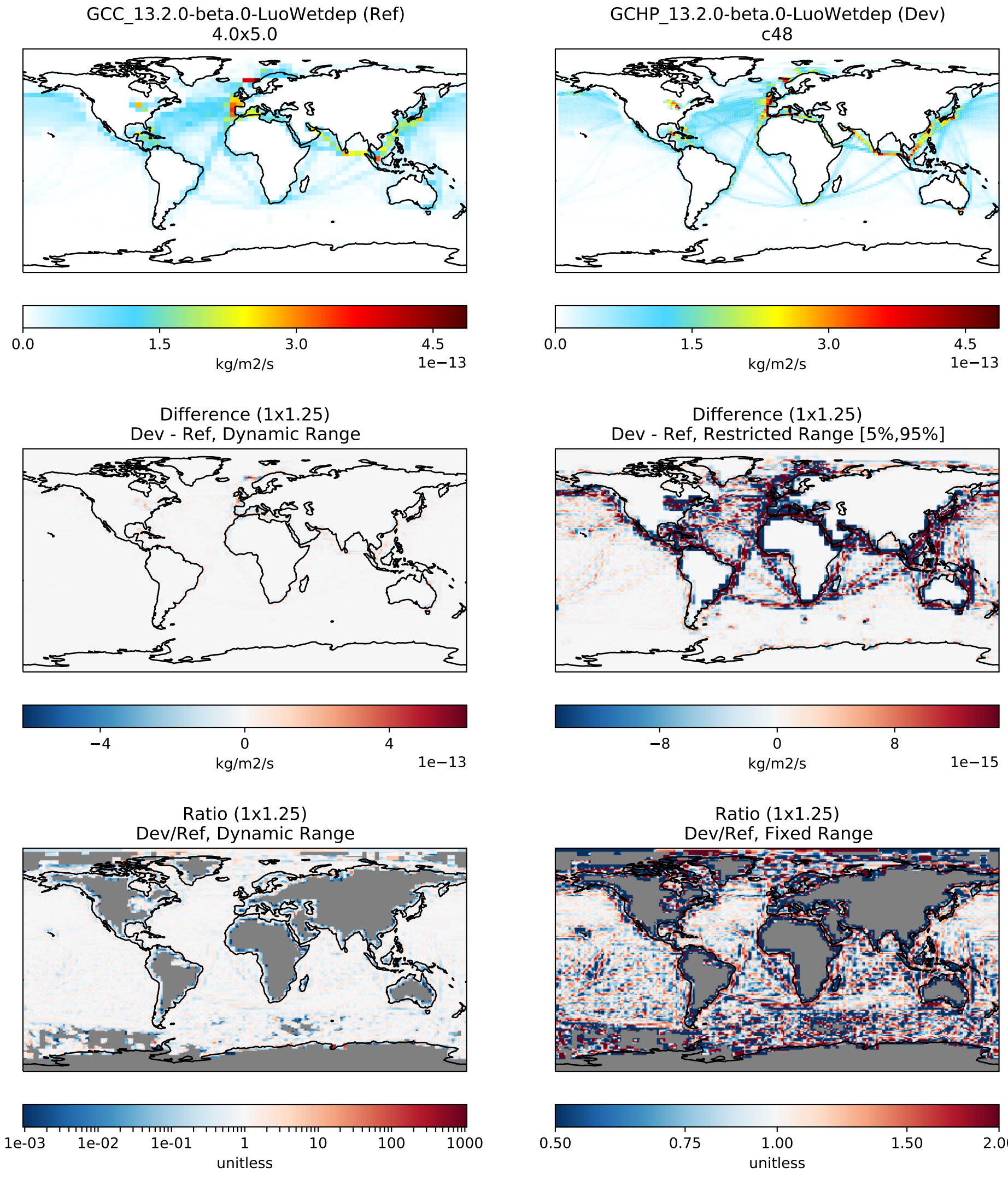
EmisPRPE_Ship



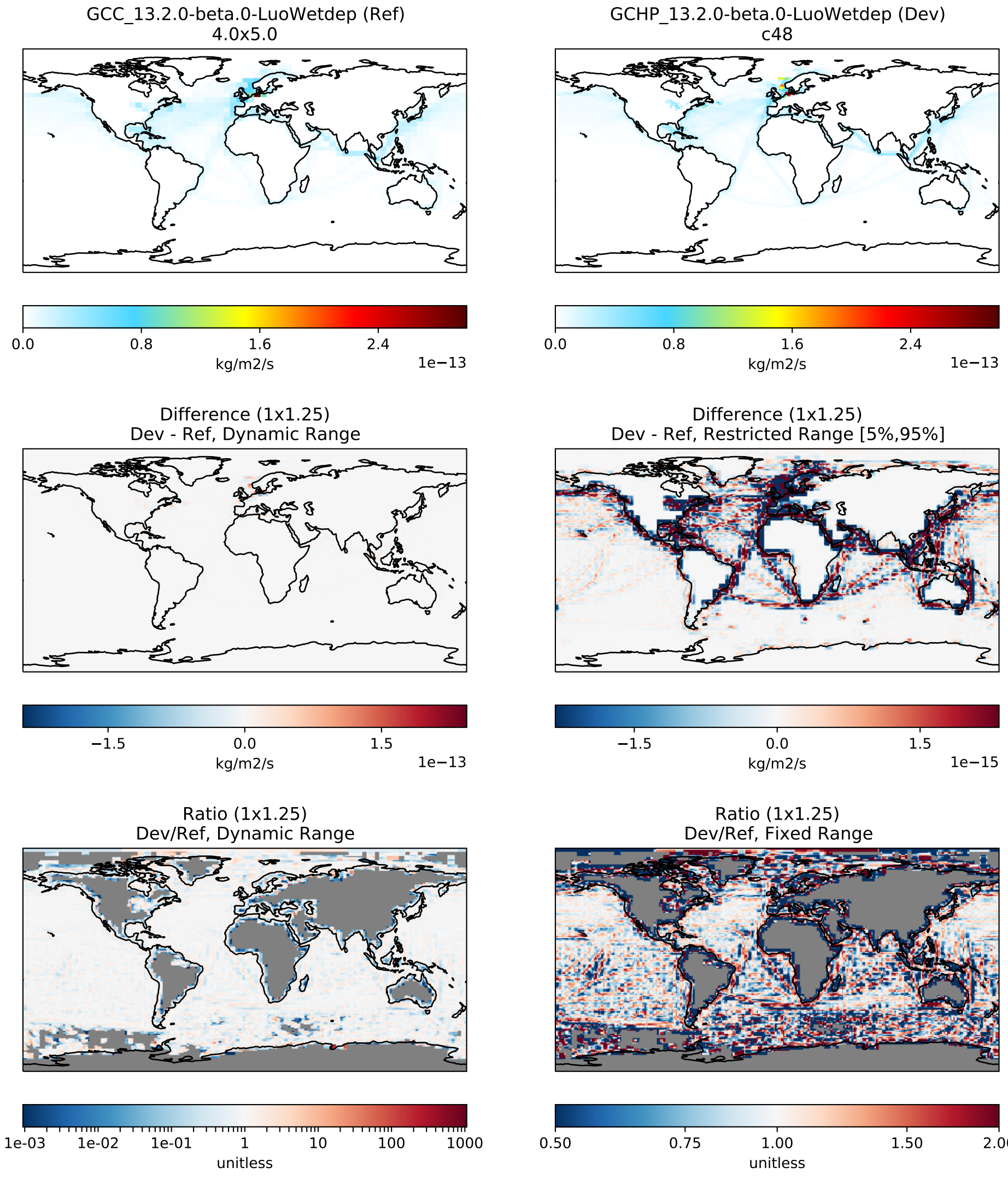
EmisSO2_Ship



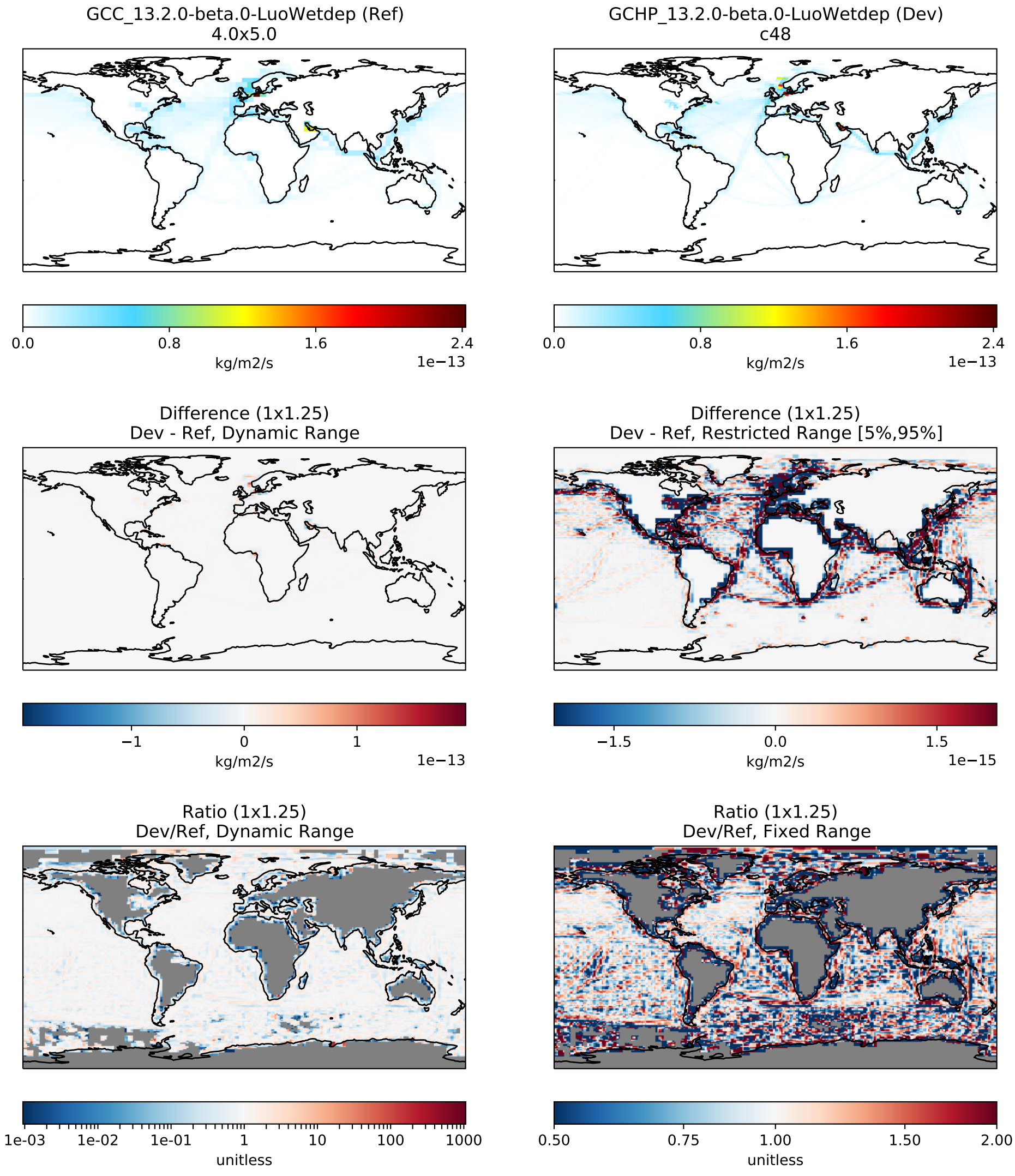
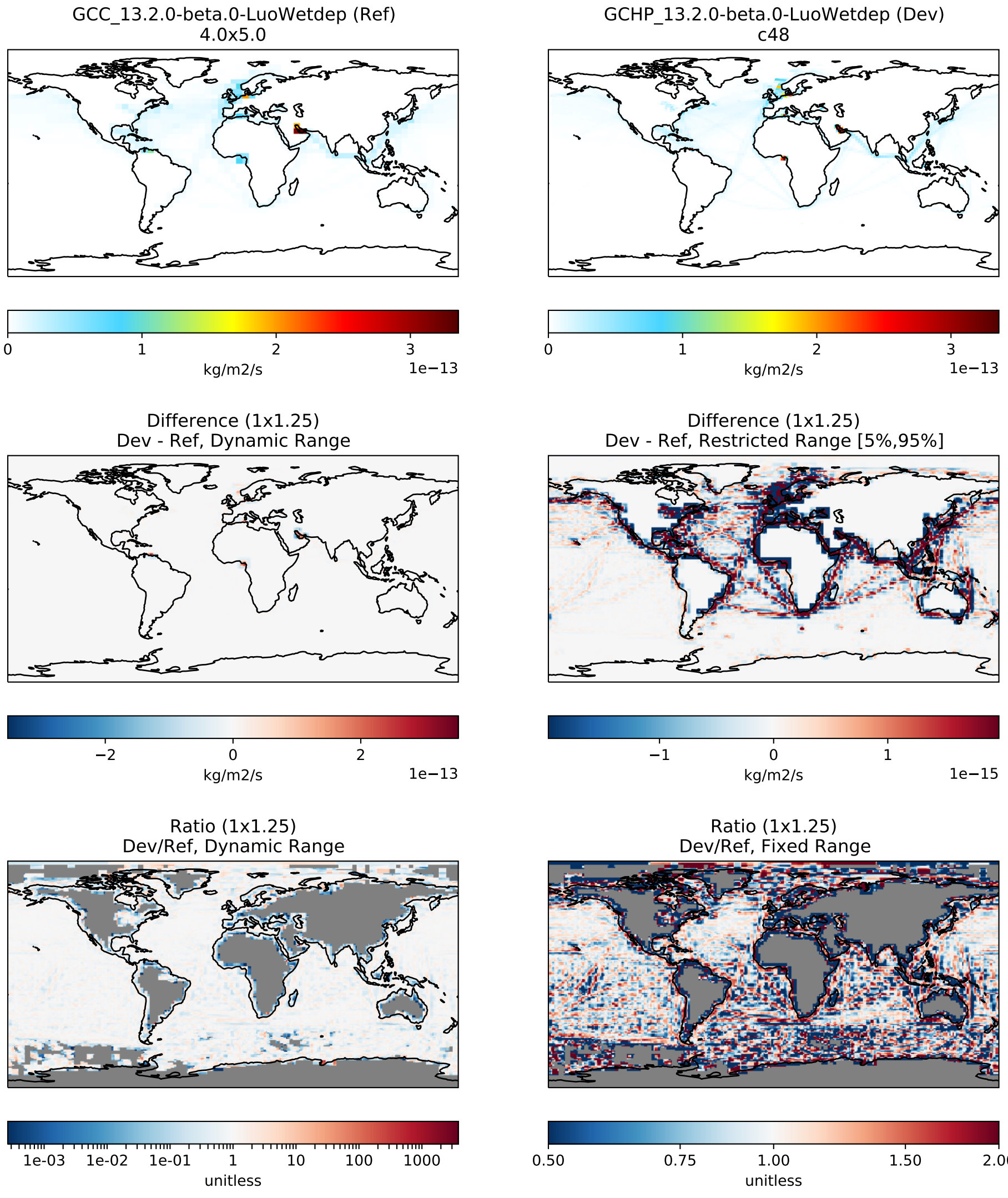
EmisSO4_Ship



EmisSOAP_Ship



EmisTOLU_Ship



EmisXYLE_Ship