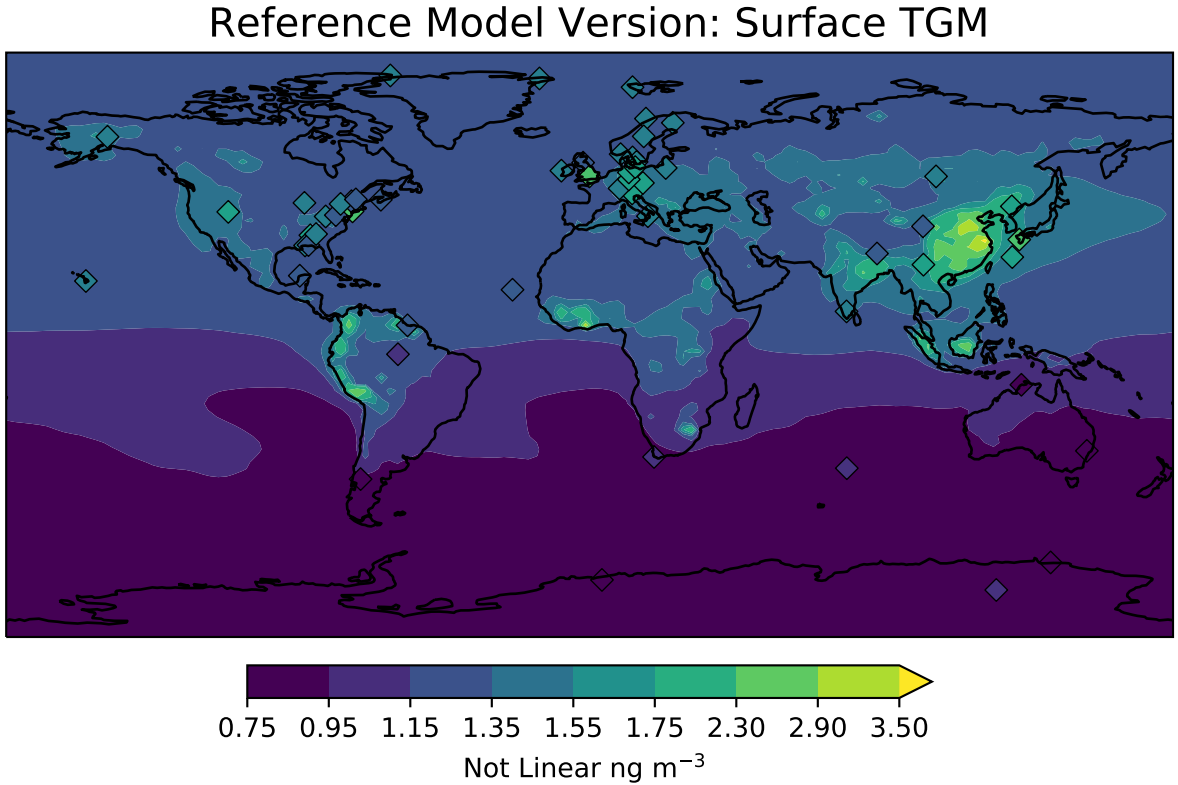
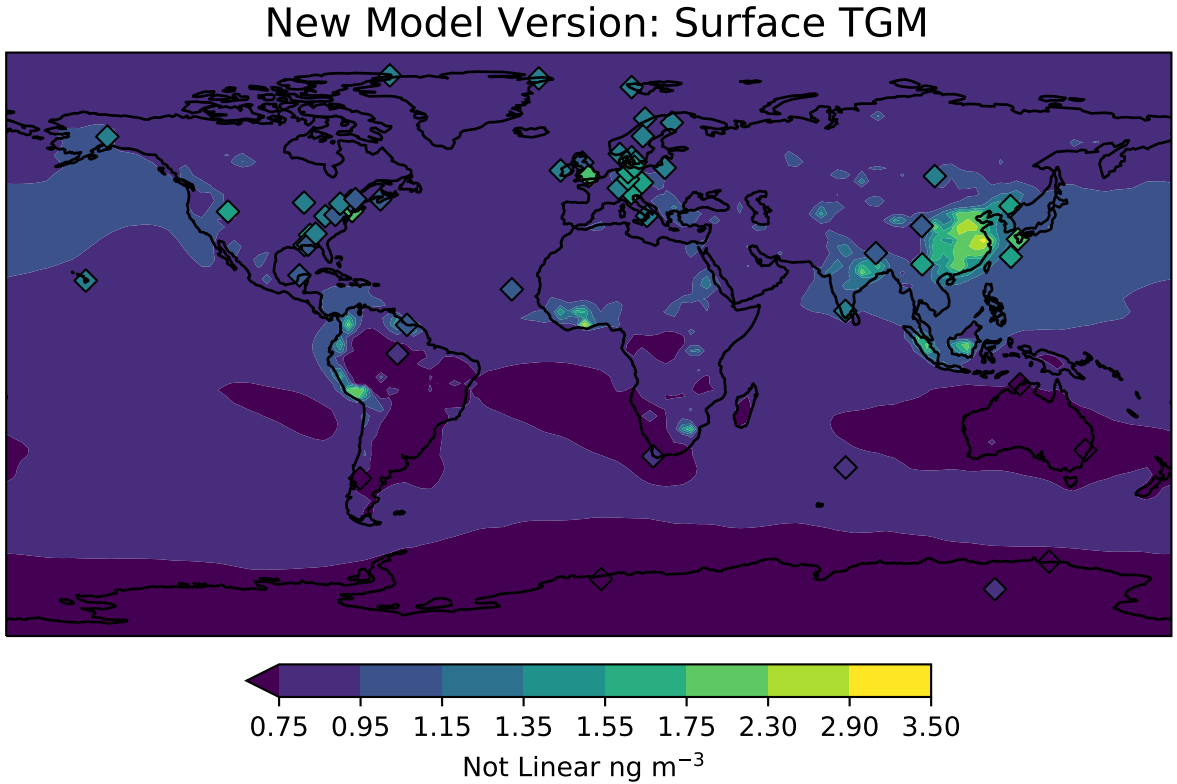


Mean Obs. = 1.39 ± 0.26 ng m^{-3}

Mean Mod. = 1.29 ± 0.19 ng m^{-3}

Terrestrial R^2= 0.599

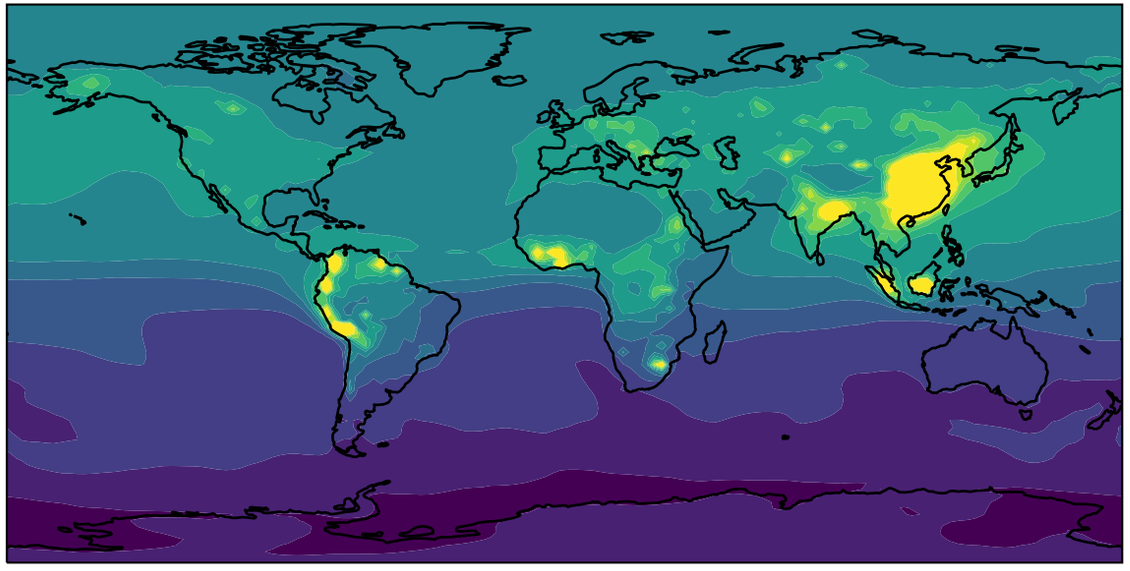


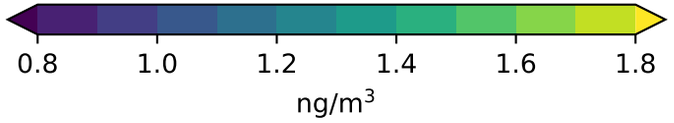
Mean Obs. = 1.39 ± 0.26 ng m^{-3}

Mean Mod. = 0.87 ± 0.11 ng m^{-3}

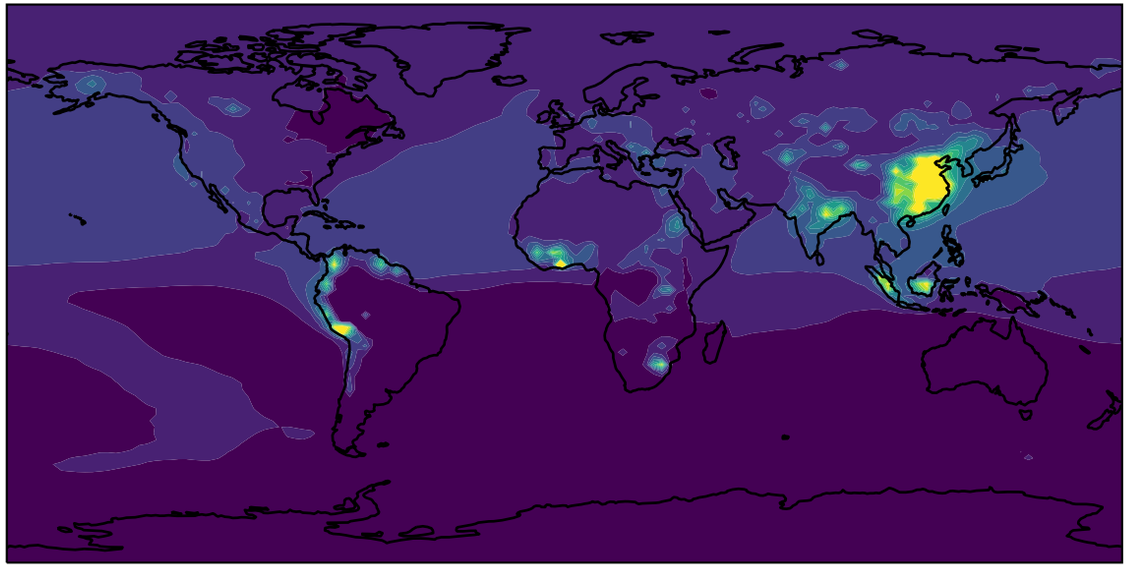
Terrestrial R^2= 0.437

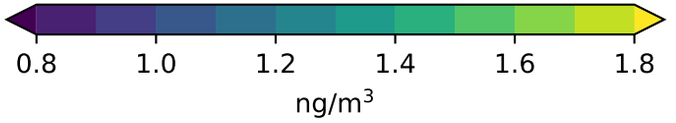
Reference Model Version: Surface TGM



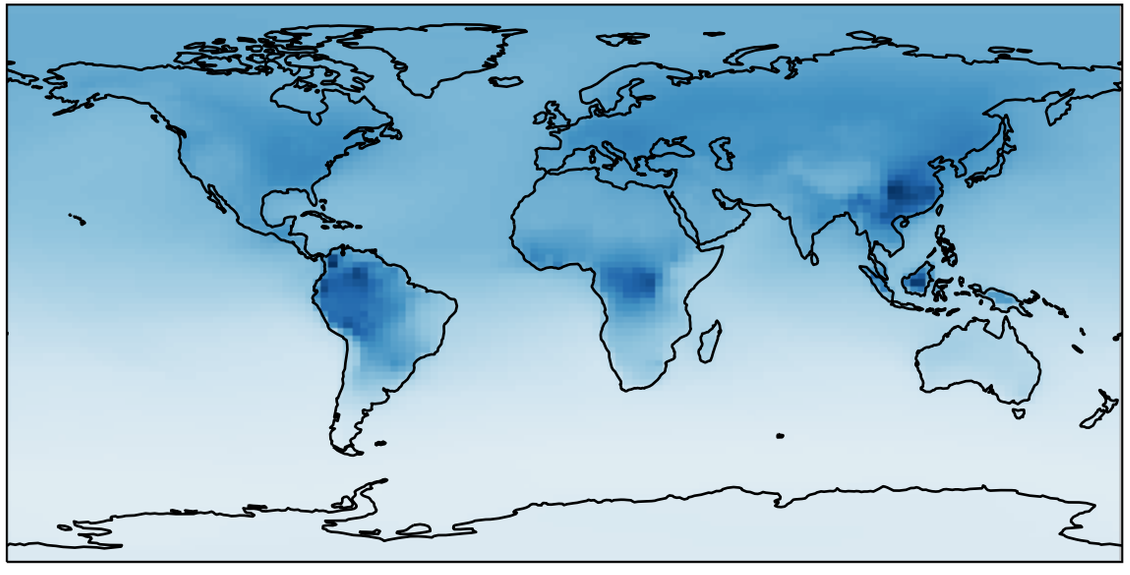


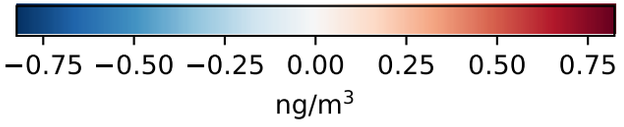
New Model Version: Surface TGM



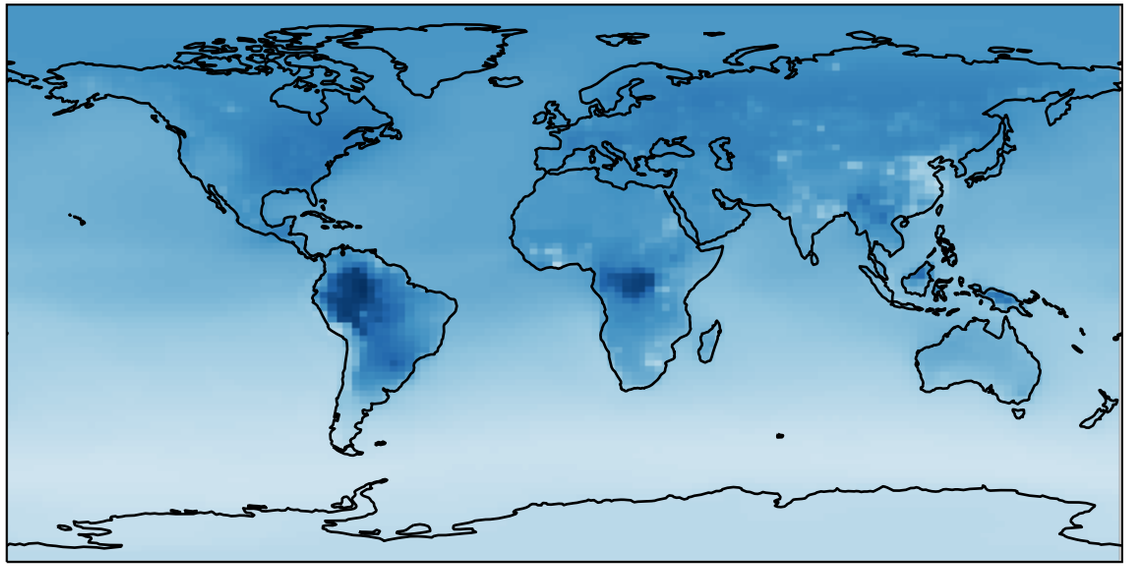


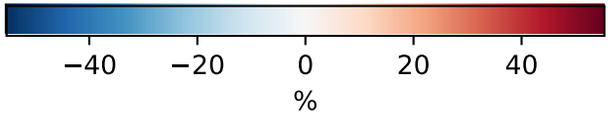
Absolute Difference

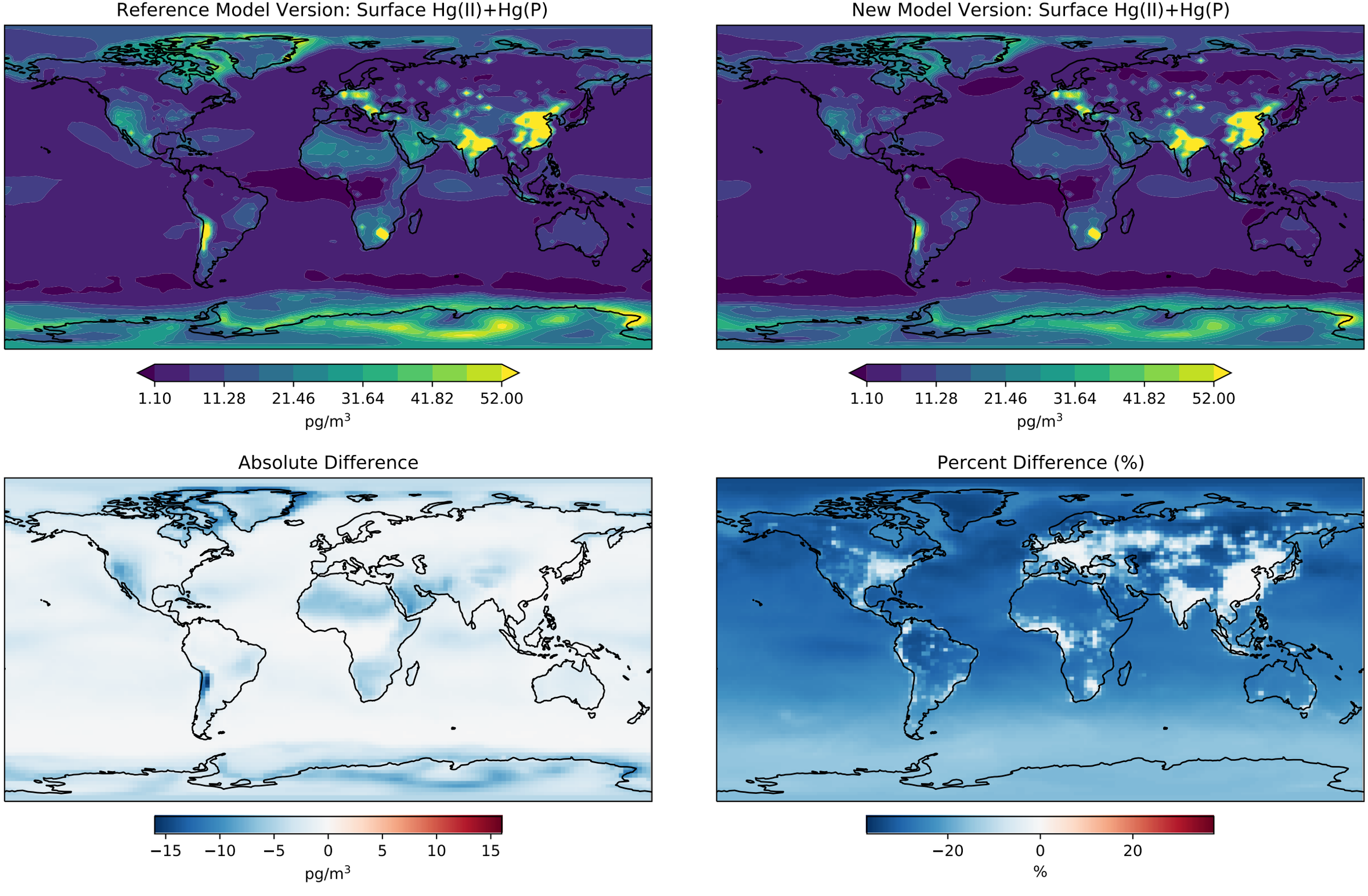


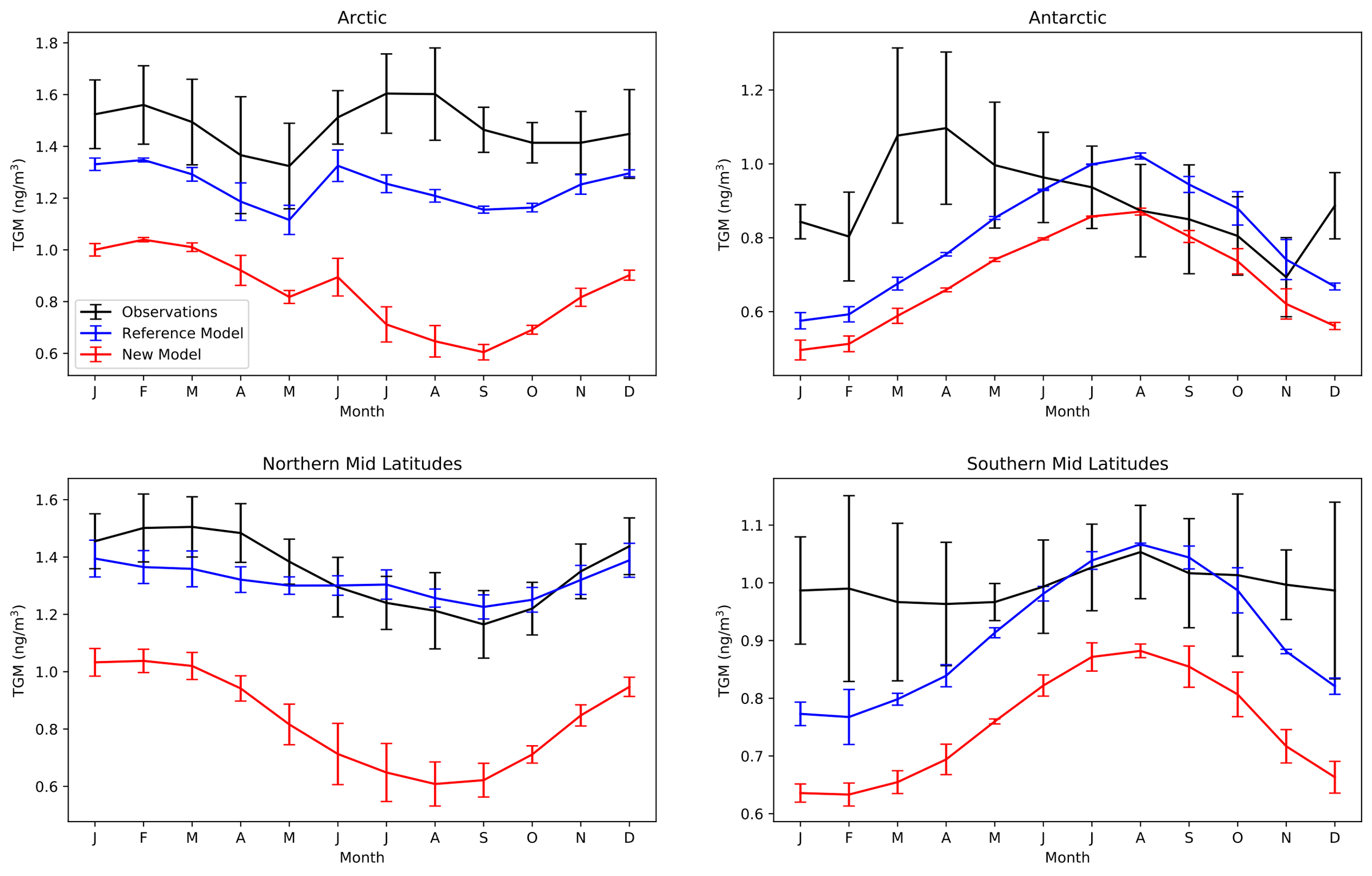


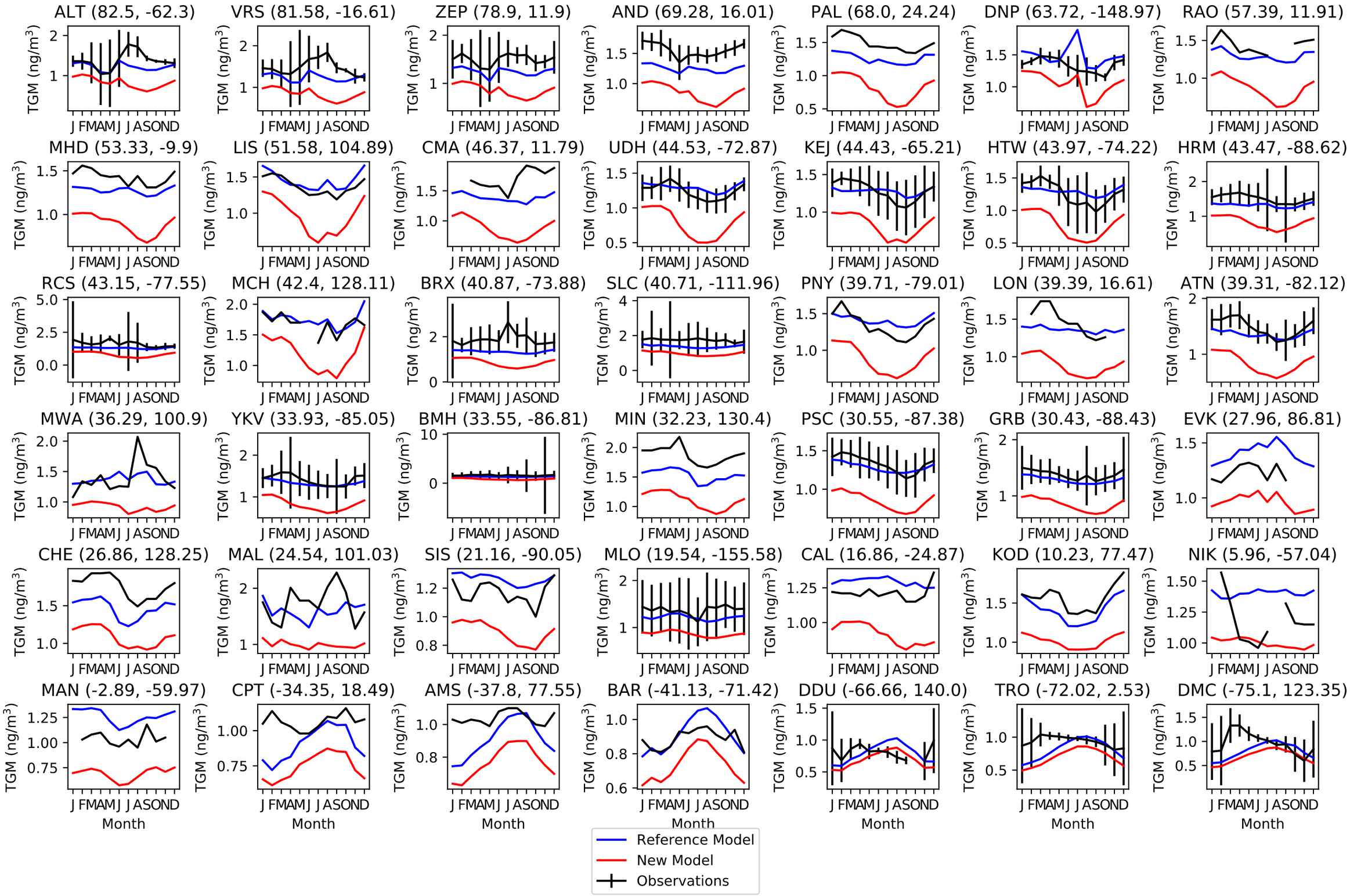
Percent Difference (%)






Reference Model Version: Surface Hg(II)+Hg(P)
New Model Version: Surface Hg(II)+Hg(P)
1.10
11.28
21.46
31.64
41.82
52.00
pg/m3
Absolute Difference
Percent Difference (%)
−15
−10
−5
0
5
10
15
pg/m3
−20
0
20
%


Arctic
Antarctic
Northern Mid Latitudes
Southern Mid Latitudes
TGM (ng/m³)
Month
J F M A M J J A S O N D
Observations
Reference Model
New Model


ALT (82.5, -62.3)
VRS (81.58, -16.61)
ZEP (78.9, 11.9)
AND (69.28, 16.01)
PAL (68.0, 24.24)
DNP (63.72, -148.97)
RAO (57.39, 11.91)
MHD (53.33, -9.9)
LIS (51.58, 104.89)
CMA (46.37, 11.79)
UDH (44.53, -72.87)
KEJ (44.43, -65.21)
HTW (43.97, -74.22)
HRM (43.47, -88.62)
RCS (43.15, -77.55)
MCH (42.4, 128.11)
BRX (40.87, -73.88)
SLC (40.71, -111.96)
PNY (39.71, -79.01)
LON (39.39, 16.61)
ATN (39.31, -82.12)
MWA (36.29, 100.9)
YKV (33.93, -85.05)
BMH (33.55, -86.81)
MIN (32.23, 130.4)
PSC (30.55, -87.38)
GRB (30.43, -88.43)
EVK (27.96, 86.81)
CHE (26.86, 128.25)
MAL (24.54, 101.03)
SIS (21.16, -90.05)
MLO (19.54, -155.58)
CAL (16.86, -24.87)
KOD (10.23, 77.47)
NIK (5.96, -57.04)
MAN (-2.89, -59.97)
CPT (-34.35, 18.49)
AMS (-37.8, 77.55)
BAR (-41.13, -71.42)
DDU (-66.66, 140.0)
TRO (-72.02, 2.53)
DMC (-75.1, 123.35)
TGM (ng/m³)
J FMAMJ J ASOND
Month
Reference Model
New Model
Observations