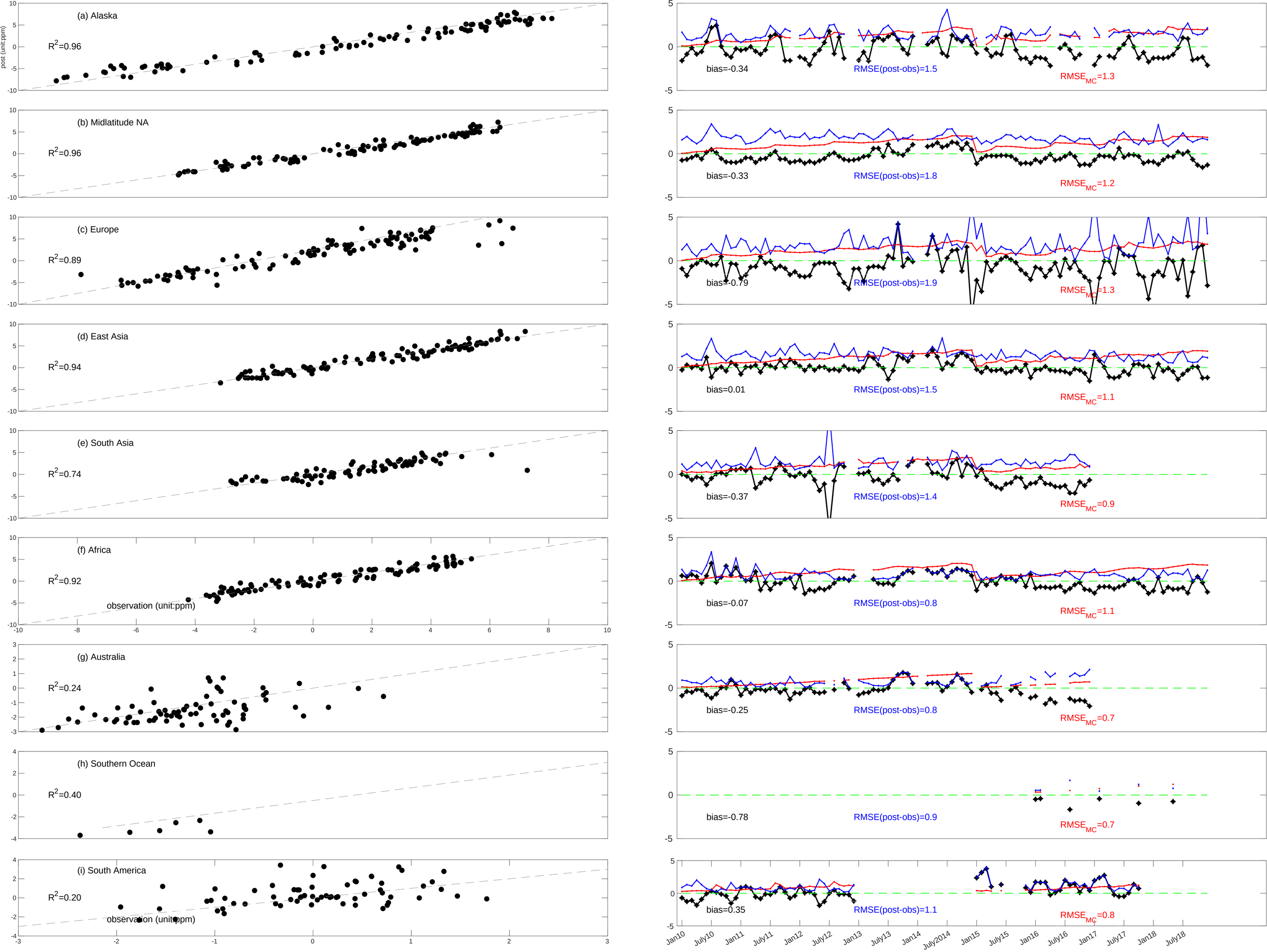
post (unit:ppm)
(a) Alaska
R2=0.96
bias=-0.34
RMSE(post-obs)=1.5
RMSEMC=1.3
(b) Midlatitude NA
R2=0.96
bias=-0.33
RMSE(post-obs)=1.8
RMSEMC=1.2
(c) Europe
R2=0.89
bias=-0.79
RMSE(post-obs)=1.9
RMSEMC=1.3
(d) East Asia
R2=0.94
bias=0.01
RMSE(post-obs)=1.5
RMSEMC=1.1
(e) South Asia
R2=0.74
bias=-0.37
RMSE(post-obs)=1.4
RMSEMC=0.9
(f) Africa
R2=0.92
observation (unit:ppm)
bias=-0.07
RMSE(post-obs)=0.8
RMSEMC=1.1
(g) Australia
R2=0.24
bias=-0.25
RMSE(post-obs)=0.8
RMSEMC=0.7
(h) Southern Ocean
R2=0.40
bias=-0.78
RMSE(post-obs)=0.9
RMSEMC=0.7
(i) South America
R2=0.20
observation (unit:ppm)
bias=0.35
RMSE(post-obs)=1.1
RMSEMC=0.8
Jan10
July10
Jan11
July11
Jan12
July12
Jan13
July13
Jan14
July2014
Jan15
July15
Jan16
July16
Jan17
July17
Jan18
July18