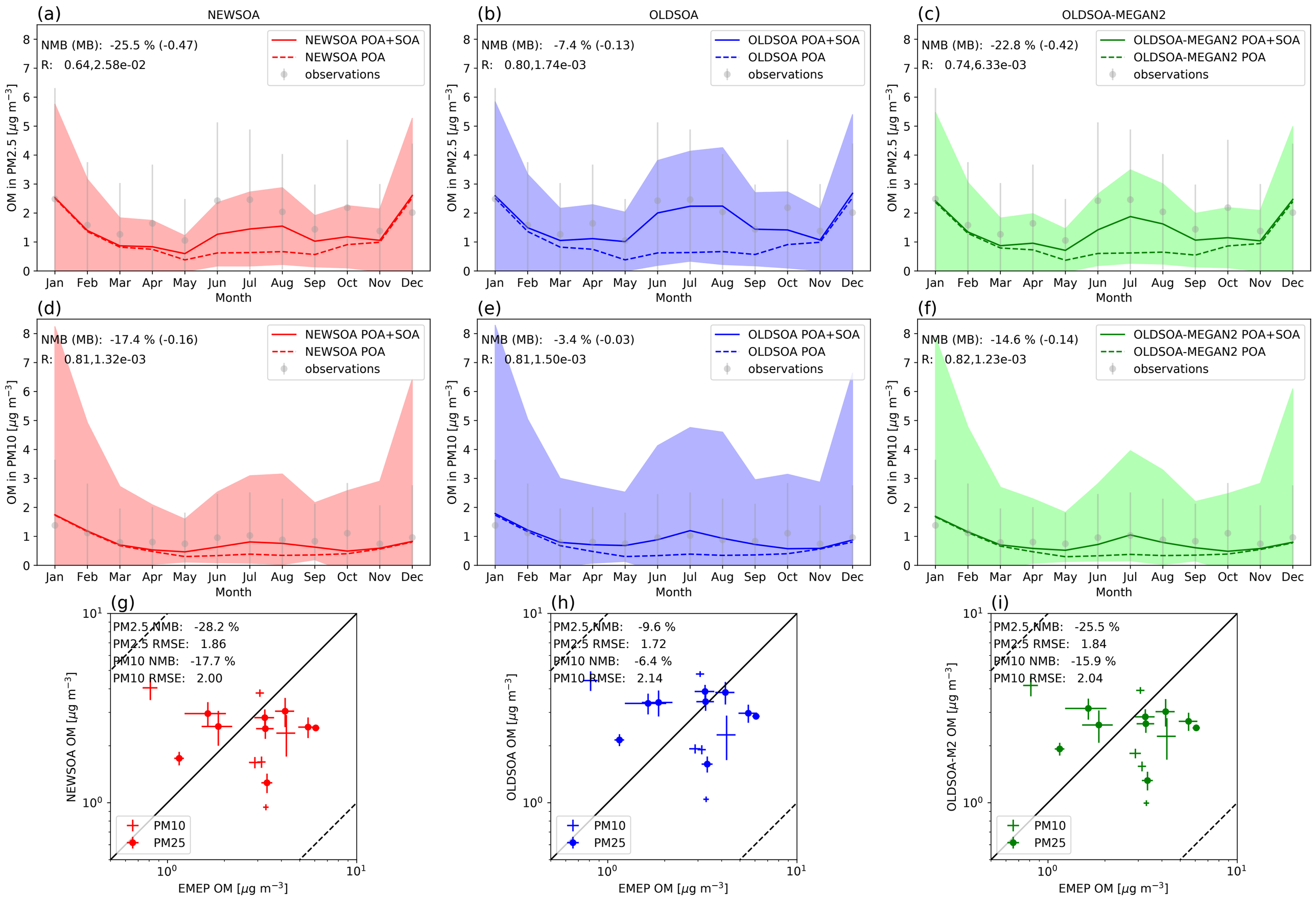
(a)
NEWSOA
NMB (MB): -25.5 % (-0.47)
R: 0.64,2.58e-02
NEWSOA POA+SOA
NEWSOA POA
observations
OM in PM2.5 [μg m⁻³]
Month
(b)
OLDSOA
NMB (MB): -7.4 % (-0.13)
R: 0.80,1.74e-03
OLDSOA POA+SOA
OLDSOA POA
observations
(c)
OLDSOA-MEGAN2
NMB (MB): -22.8 % (-0.42)
R: 0.74,6.33e-03
OLDSOA-MEGAN2 POA+SOA
OLDSOA-MEGAN2 POA
observations
(d)
NMB (MB): -17.4 % (-0.16)
R: 0.81,1.32e-03
OM in PM10 [μg m⁻³]
(e)
NMB (MB): -3.4 % (-0.03)
R: 0.81,1.50e-03
(f)
NMB (MB): -14.6 % (-0.14)
R: 0.82,1.23e-03
Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec
(g)
PM2.5 NMB: -28.2 %
PM2.5 RMSE: 1.86
PM10 NMB: -17.7 %
PM10 RMSE: 2.00
NEWSOA OM [μg m⁻³]
PM10
PM25
EMEP OM [μg m⁻³]
(h)
PM2.5 NMB: -9.6 %
PM2.5 RMSE: 1.72
PM10 NMB: -6.4 %
PM10 RMSE: 2.14
OLDSOA OM [μg m⁻³]
(i)
PM2.5 NMB: -25.5 %
PM2.5 RMSE: 1.84
PM10 NMB: -15.9 %
PM10 RMSE: 2.04
OLDSOA-M2 OM [μg m⁻³]