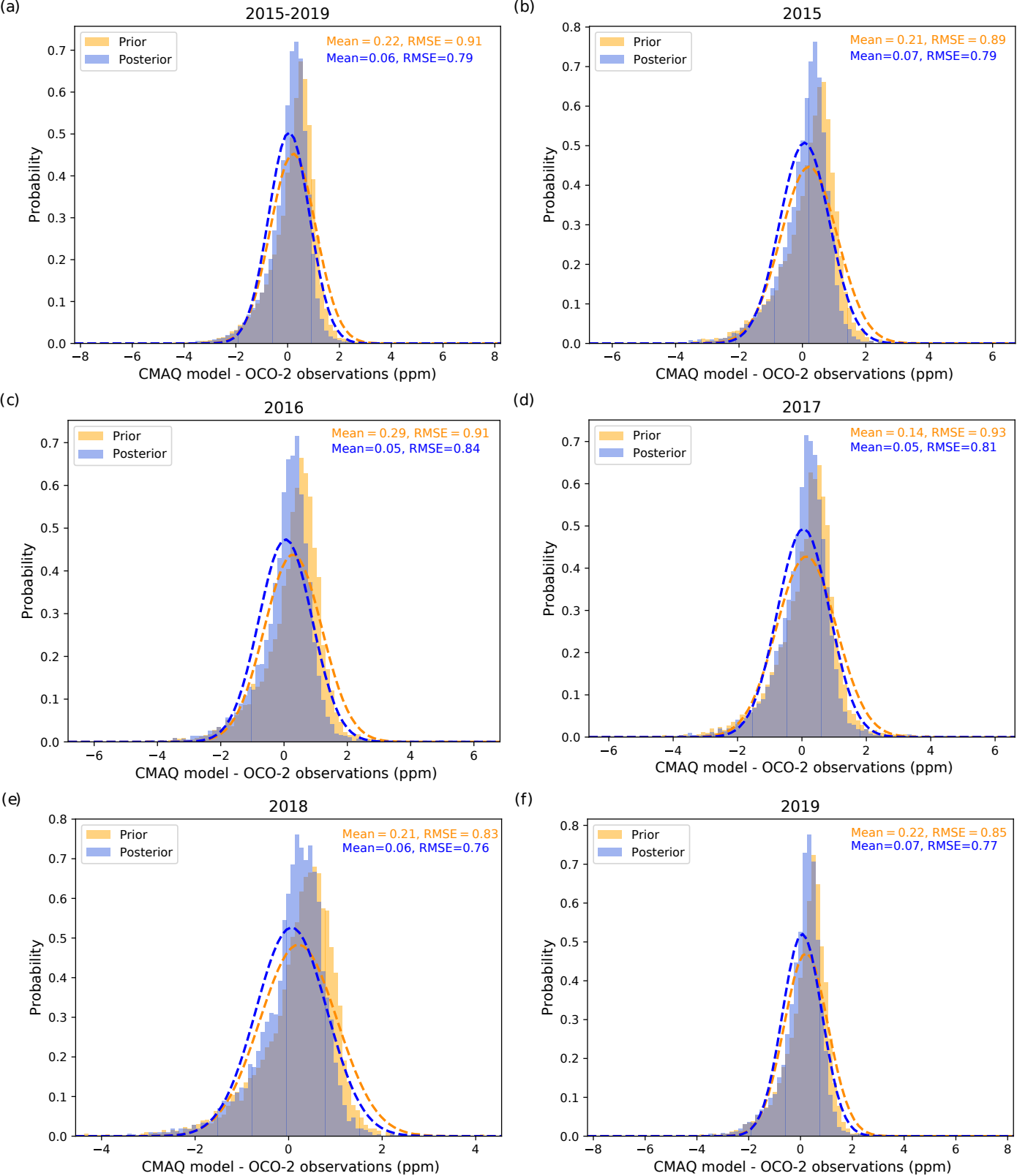
(a)
2015-2019
Prior
Posterior
Mean = 0.22, RMSE = 0.91
Mean=0.06, RMSE=0.79
Probability
CMAQ model - OCO-2 observations (ppm)
(b)
2015
Prior
Posterior
Mean = 0.21, RMSE = 0.89
Mean=0.07, RMSE=0.79
Probability
CMAQ model - OCO-2 observations (ppm)
(c)
2016
Prior
Posterior
Mean = 0.29, RMSE = 0.91
Mean=0.05, RMSE=0.84
Probability
CMAQ model - OCO-2 observations (ppm)
(d)
2017
Prior
Posterior
Mean = 0.14, RMSE = 0.93
Mean=0.05, RMSE=0.81
Probability
CMAQ model - OCO-2 observations (ppm)
(e)
2018
Prior
Posterior
Mean = 0.21, RMSE = 0.83
Mean=0.06, RMSE=0.76
Probability
CMAQ model - OCO-2 observations (ppm)
(f)
2019
Prior
Posterior
Mean = 0.22, RMSE = 0.85
Mean=0.07, RMSE=0.77
Probability
CMAQ model - OCO-2 observations (ppm)