Supplementary material for the article "Multi-model Evaluation and Bayesian Model Averaging for Quantitative Air Quality Forecasting in Central China"

Haixia Qi¹, Shuangliang Ma²*, Jing Chen², Junping Sun², Lingling Wang², Nan Wang², Weisi Wang², Xiefei Zhi³*, Hao Yang¹

¹ Hubei Key Laboratory for Heavy Rain Monitoring and Warning Research, Institute of Heavy Rain, China Meteorological Administration, Wuhan, China
² Henan ecological environment monitoring center, Henan, China
³ Key Laboratory for Aerosol-Cloud-Precipitation of China Meteorological Administration, Nanjing University of Information Science and Technology, Nanjing, China

* Corresponding author. Tel: 86-027-81804946; Fax: 86-027-81804916
E-mail address: zlchen0217@sina.com
xf_zhi@163.com
Fig.S1. Comparison of 24h forecasts of three models and observations about the concentrations of five pollutants in winter from 1 December 2018 to 28 February 2019 (a) PM$_{2.5}$, (b) PM$_{10}$, (c) SO$_2$, (d) NO$_2$, (e) CO, and (f) O$_3$ in summer from June to August 2019.
Fig. S2. Monthly mean error distribution of the 24h concentration forecasts of the 6 pollutants by NAQP and CUACE in Henan Province from 2017 to 2019.