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*Supplement of*

## **Feedback effects of boundary-layer meteorological factors on cumulative explosive growth of $\text{PM}_{2.5}$ during winter heavy pollution episodes in Beijing from 2013 to 2016**

**Junting Zhong et al.**

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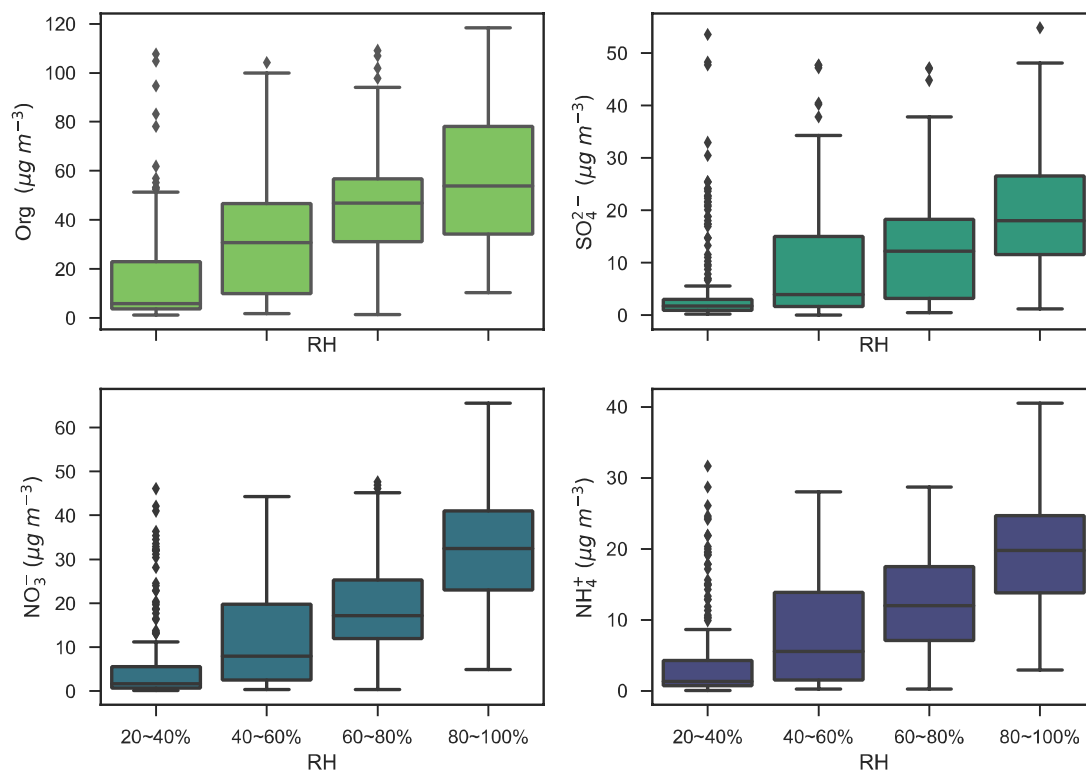


Figure S1. The distributions of aerosol species in  $PM_{10}$  in different ranges of RH from 1 December 2016 to 3 January 2017.

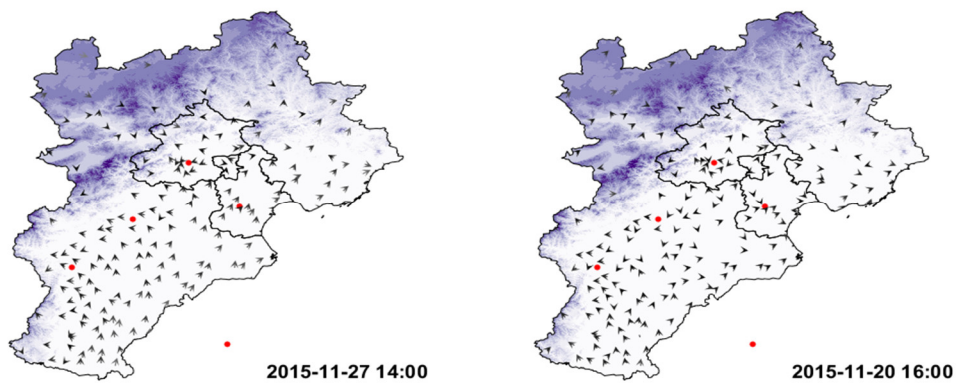


Figure S2. Surface wind distributions during the convergent explosive growth processes in November and December 2015 in the North China Plain.