







15 As see in Fig. S2, the NH_3 mixing ratios at both sites increased with the relative humidity at the same

16 temperature and increased with the temperature at the same relative humidity. The maps were plotted

17 using all the measurement data.





20 Fig. S2. Contour maps of the NH₃ mixing ratio, temperature, and relative humidity at urban and suburban sites in Beijing.

As seen in figure S3, similar correlations of diurnal NH3 with Temperature(T), relative humidity
(RH) were found in spring but different in other seasons at urban and suburban Beijing.

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36 Fig. S3. Correlations of diurnal NH3 with Temperature(T), relative humidity (RH) in different seasons at urban and suburban Beijing.

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