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Supplement of

PM_{2.5} pollution in a megacity of southwest China: source apportionment and implication

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Supplementary Figures:

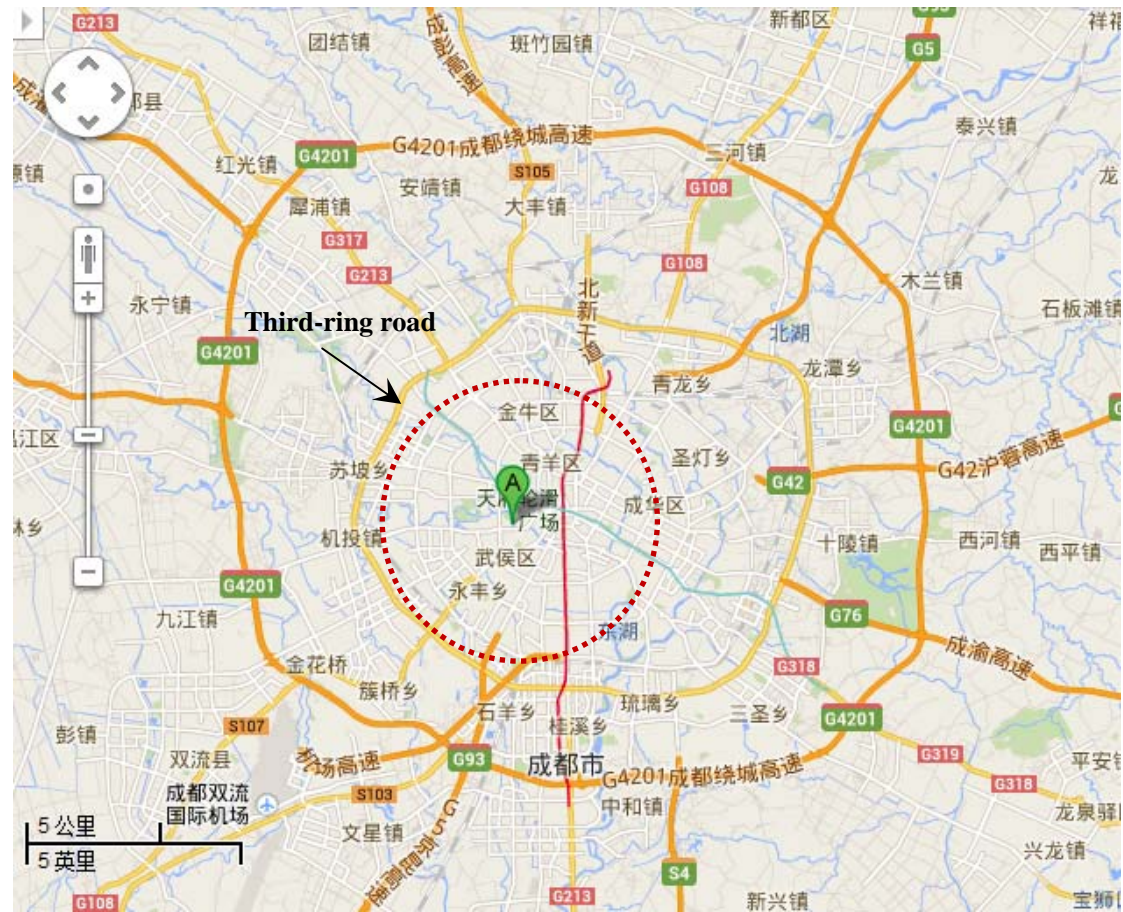


Fig. S1. Sampling location (30.65°N, 104.03°E) in Chengdu on a local map. The radius of red dotted circle is 5km and the centre point is CRAES.

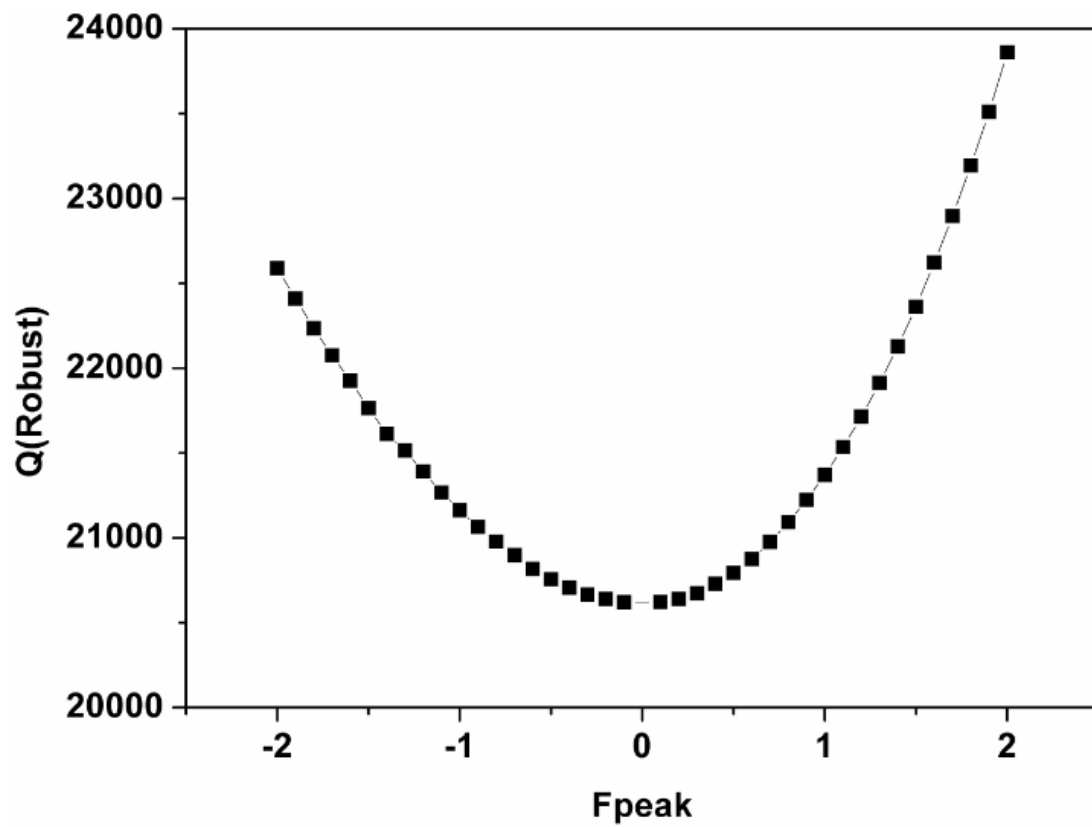


Fig. S2. Plot of Q as a function of Fpeak for PM_{2.5} data set in Chengdu.

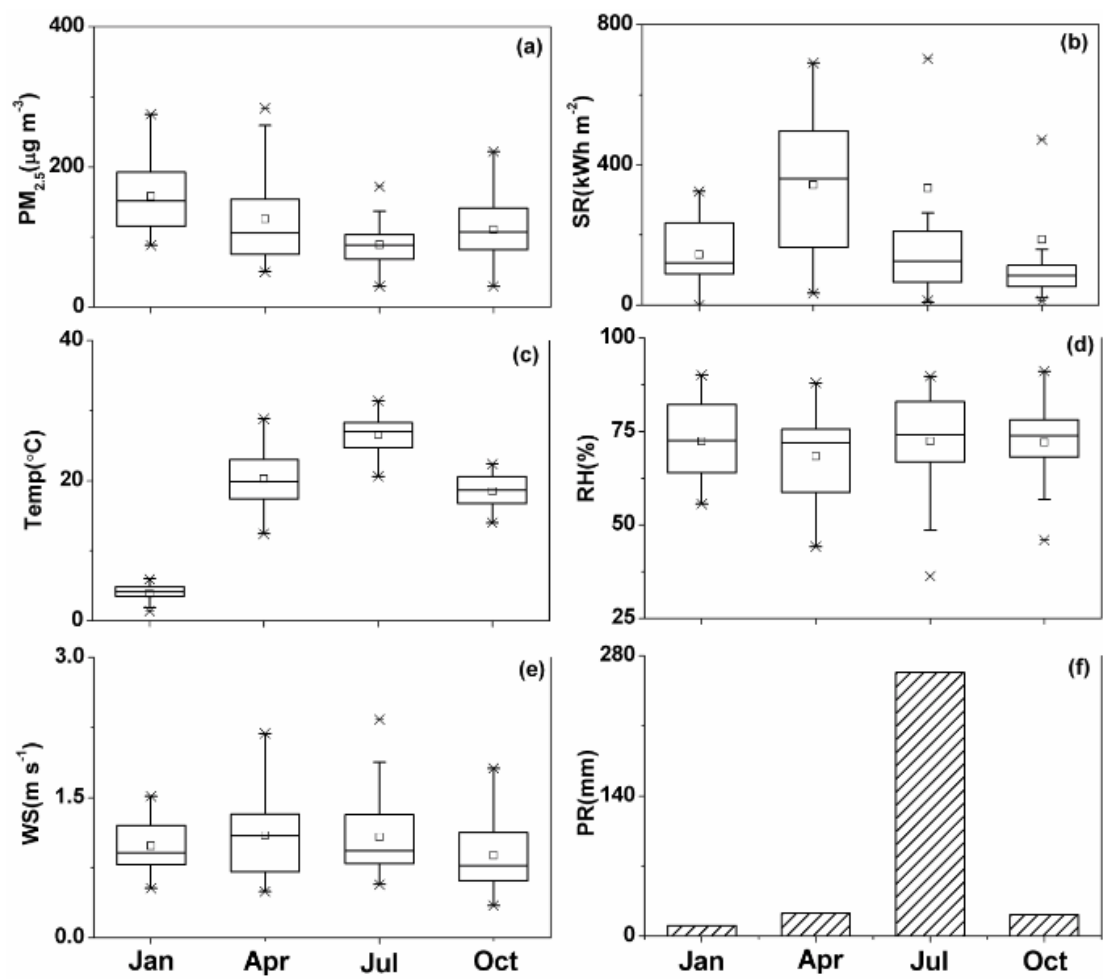


Fig. S3. Seasonally average of (a) $PM_{2.5}$, (b) SR (solar radiation), (c) Temp (temperature), (d) RH (relative humidity), (e) WS (wind speed), and (f) PR (precipitation). A normal distribution is fitted to the measurements within each bin and minimum, 1st, 25th, 50th, 75th, 99th and maximum percentiles.

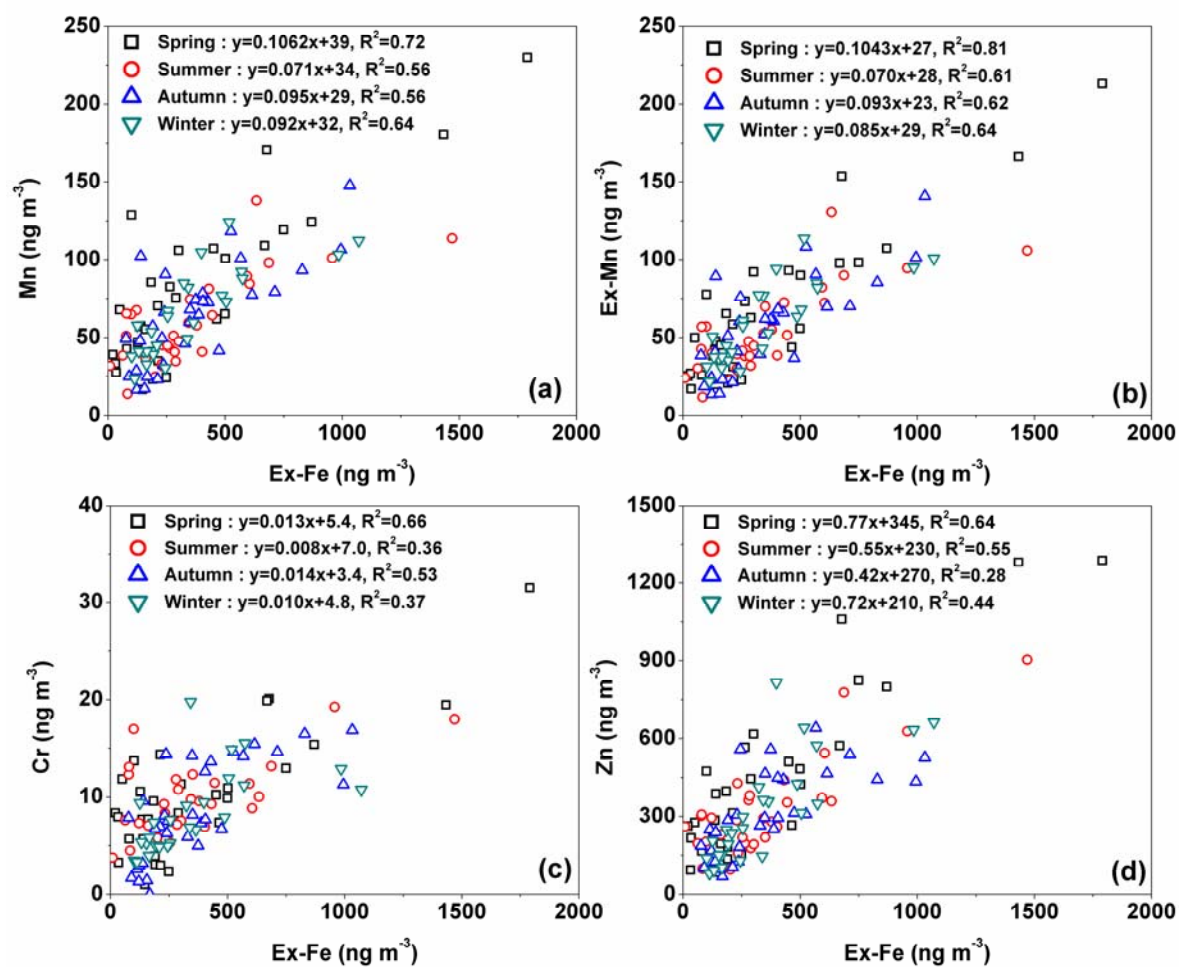


Fig. S4. Correlations of Mn, Ex-Mn, Cr, and Zn versus Ex-Fe, of which the definitions of Ex-Fe and Ex-Mn can be found in text.