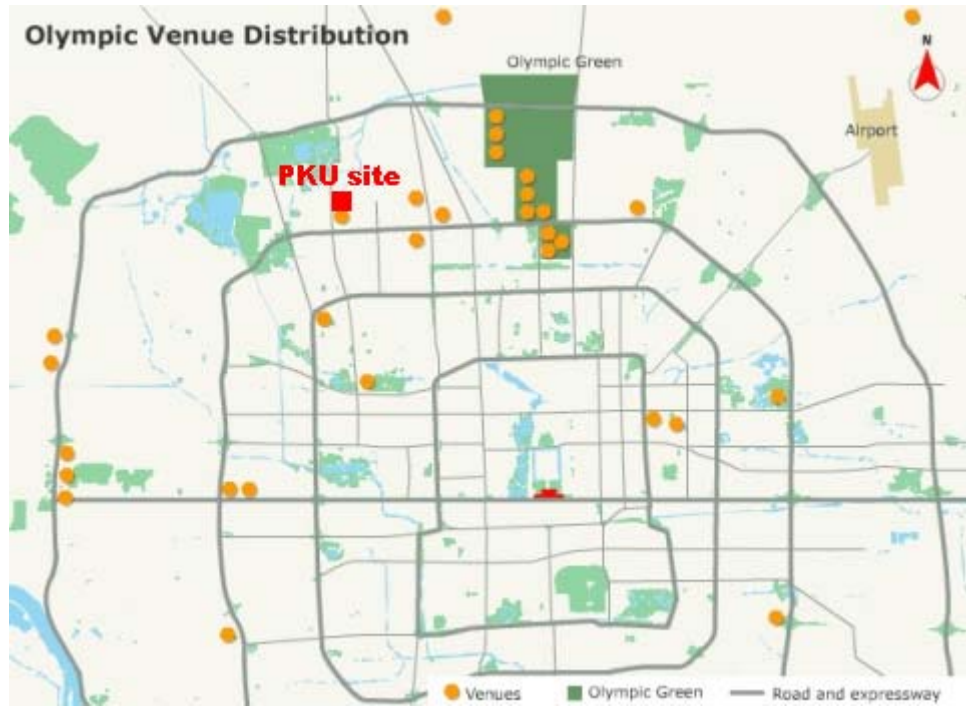


1 **Supplementary Information for Huang et al.**

2 Table S-1. Summarization of PM<sub>1</sub> species concentrations during the campaign.

	<b>Mean</b>	<b>1<math>\sigma</math></b>	<b>Median</b>	<b>Minimum</b>	<b>Maximum</b>
	<b>PM<sub>1</sub> species</b>				
<b>Sulfate</b>	16.8	13.5	13.1	0.04	92.4
<b>Ammonium</b>	10.0	7.8	8.2	0.29	62.6
<b>Nitrate</b>	10.0	9.6	7.4	0.01	84.8
<b>Chloride</b>	0.55	0.73	0.30	<D.L.	13.1
<b>Organics</b>	23.9	15.4	21.1	0.16	171
<b>BC</b>	1.9	1.1	1.78	0.02	7.1
<b>PM<sub>1</sub></b>	63.1	39.7	56.5	2.47	356

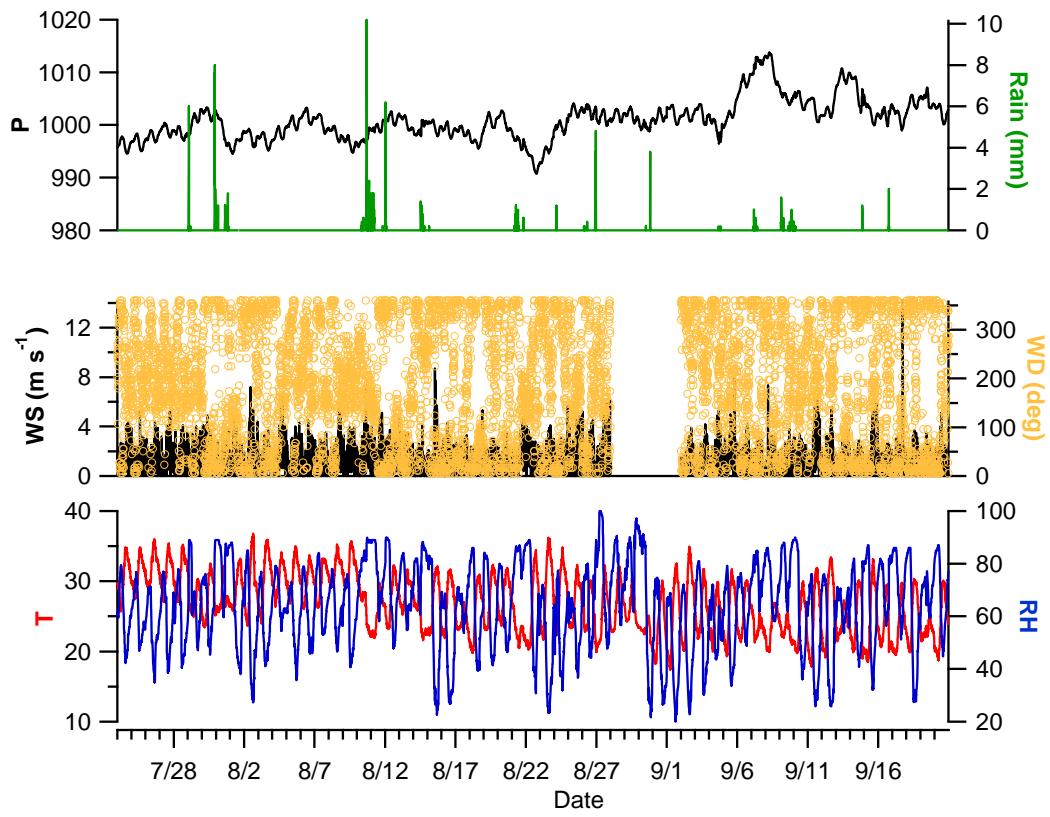
3



4

5 Fig. S-1. The location of the sampling site in Beijing. The background map was  
6 downloaded from [www.ebeijing.gov.cn](http://www.ebeijing.gov.cn).

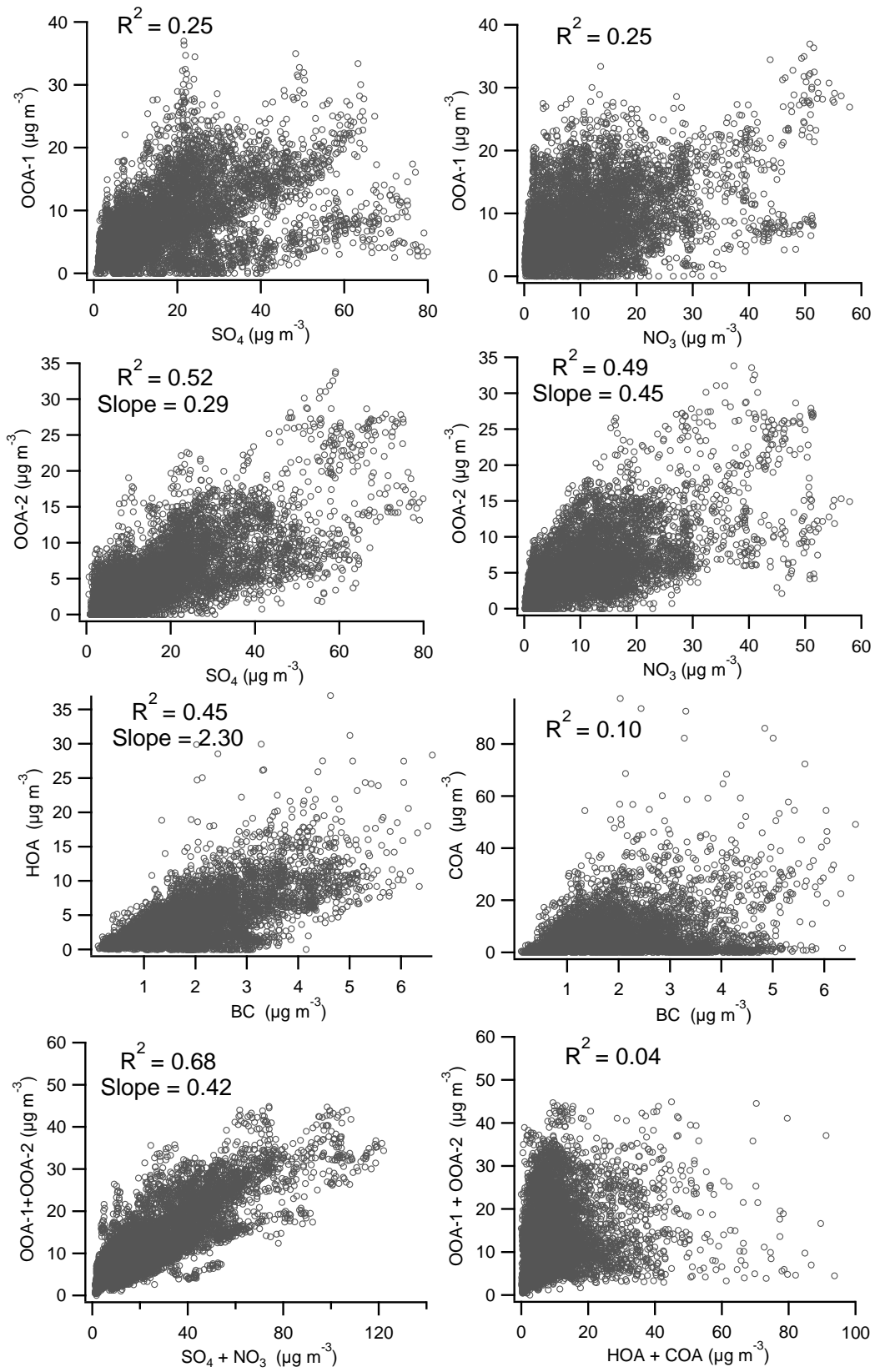
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9 Fig. S-2. Time series of the meteorological parameters at the sampling site.

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Fig. S-3. Scatter plots of the correlation among major PM<sub>1</sub> species.