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*Supplement of*

## **Near-road sampling of PM<sub>2.5</sub>, BC, and fine-particle chemical components in Kathmandu Valley, Nepal**

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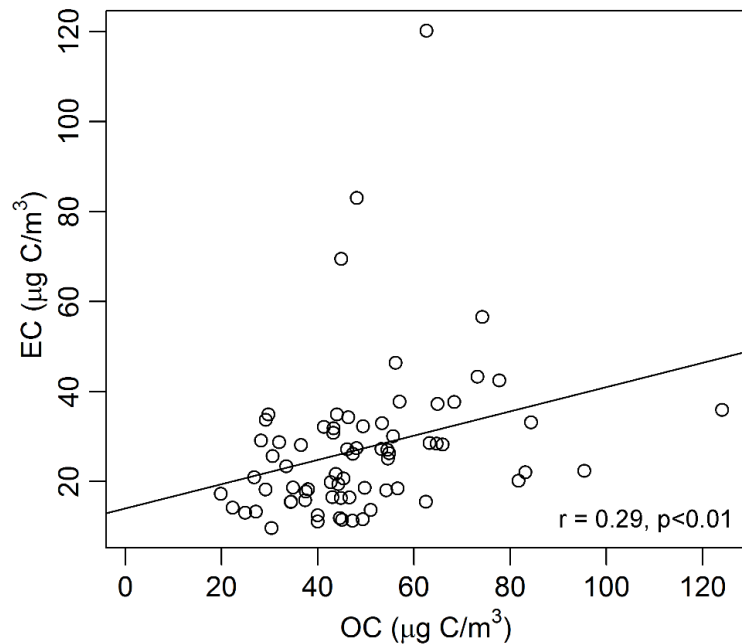


Figure S1. Correlation between EC and OC in  $\text{PM}_{2.5}$  collected in the Kathmandu Valley during spring 2014.

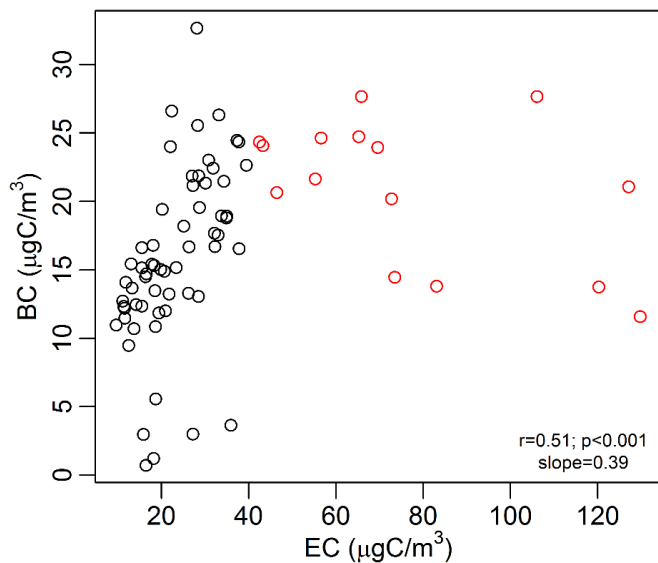


Figure S2. Correlation between EC (in  $\text{PM}_{2.5}$ ) concentrations (from analysis of  $\text{PM}_{2.5}$  filter samples) and BC concentrations (measured with a microaethalometer) in the Kathmandu Valley during the sampling period in the spring season of 2014. The correlation coefficient and slope are shown only for the black circles (i.e., for EC lower than  $40 \mu\text{gC m}^{-3}$ ).

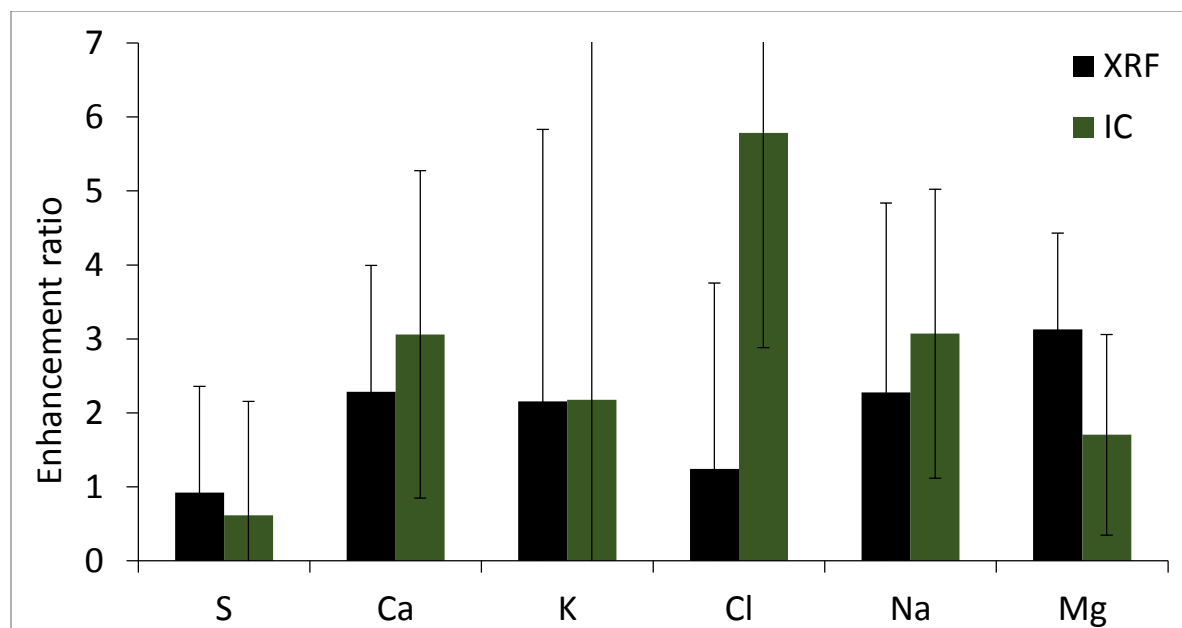


Figure S3. Enhancement ratio of the ions and elements, obtained from the measurements with the IC and XRF.

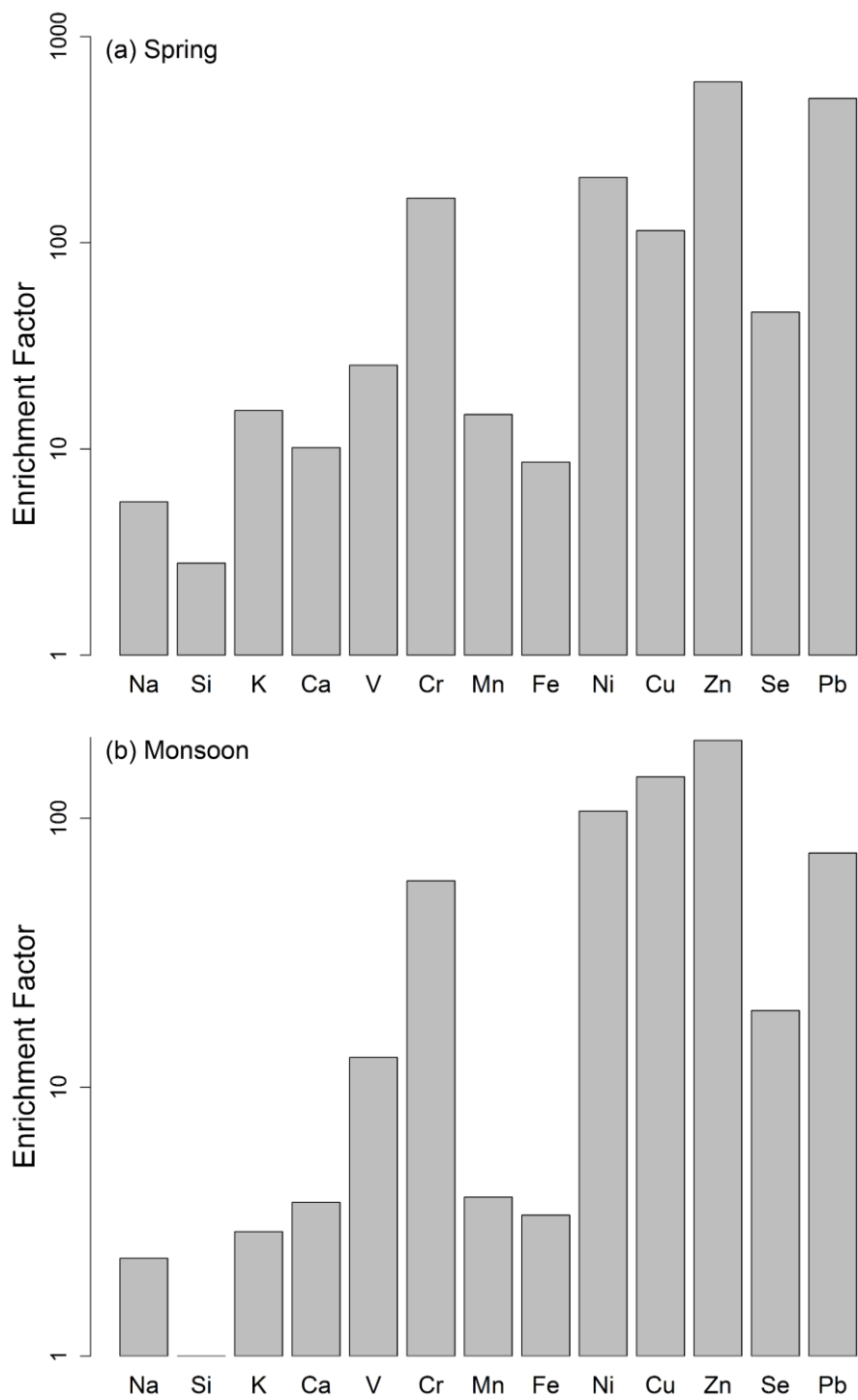


Figure S4. Enrichment factors of elements during (a) spring season and (b) monsoon season.