



Supplement of

Long-term real-time measurements of aerosol particle composition in Beijing, China: seasonal variations, meteorological effects, and source analysis

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Table S1. Threshold values (75th percentile, $\mu\text{g m}^{-3}$) for the PSCF of aerosol species during four seasons.

	Summer	Fall	Winter	Spring
Org	30.0	36.9	43.6	29.2
SO_4^{2-}	14.4	9.6	10.8	10.9
NO_3^-	21.4	17.3	16.6	20.9
Cl^-	1.0	2.0	4.7	2.3

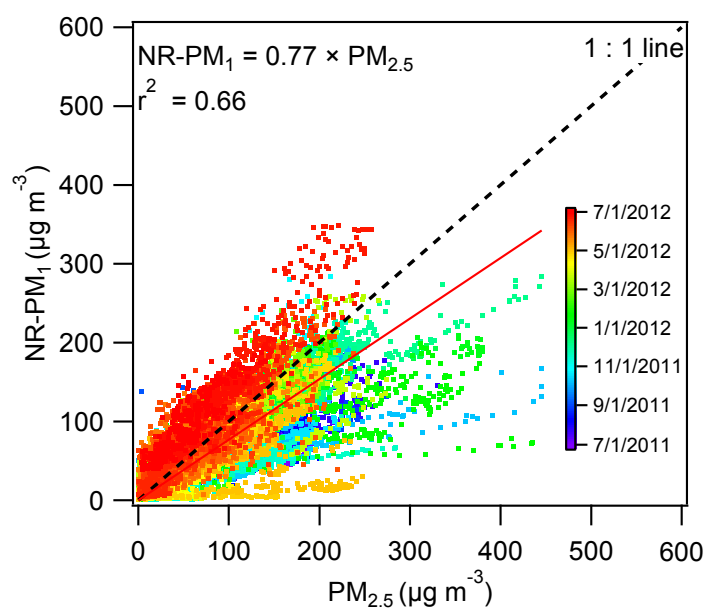


Figure S1. Correlation between NR-PM₁ and PM_{2.5} for the entire year.

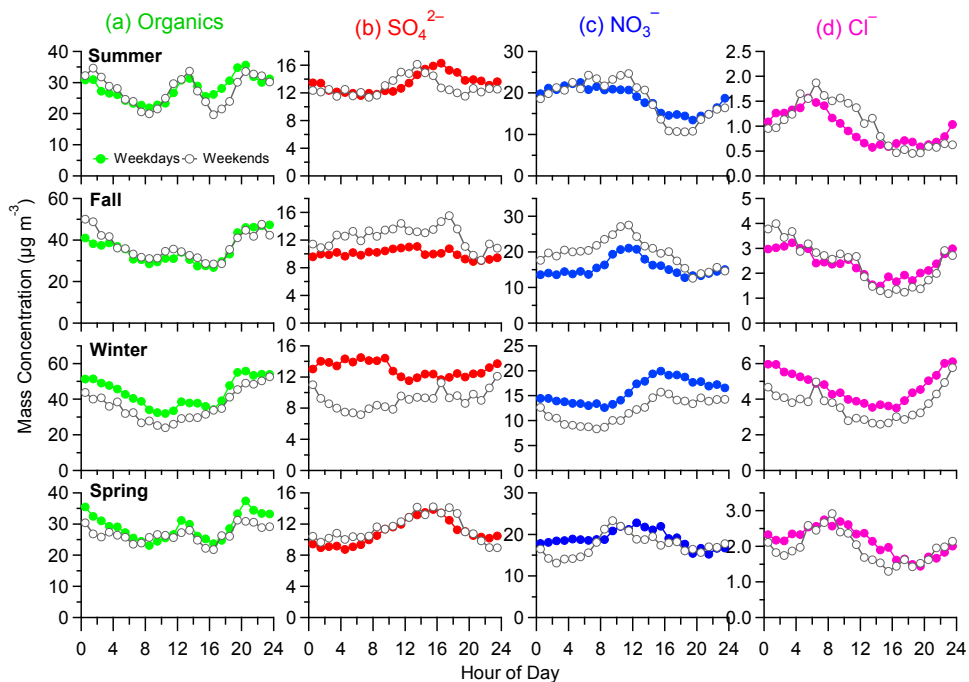


Figure S2. Comparison of the average diurnal cycles of (a) organics, (b) SO_4^{2-} , (c) NO_3^- , and (d) Cl^- between weekdays and weekends during four seasons.

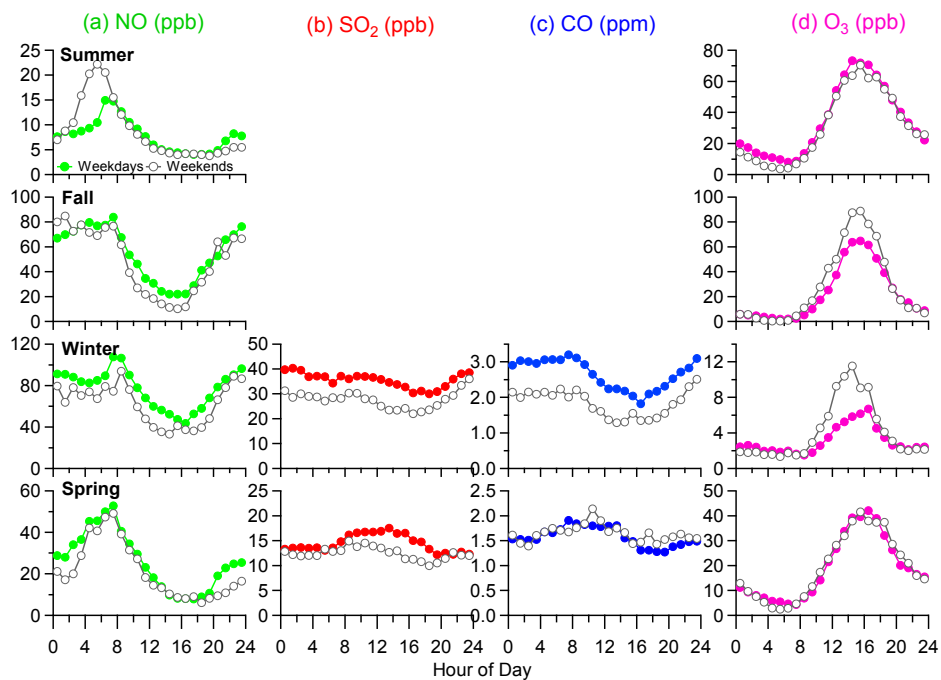


Figure S3. Comparison of the average diurnal cycles of (a) NO , (b) SO_2 , (c) CO , and (d) O_3 between weekdays and weekends during four seasons. SO_2 and CO were not measured in summer and fall in this study.