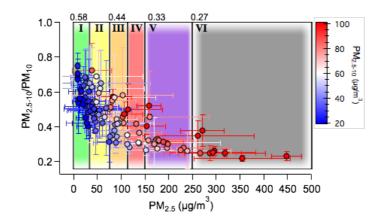
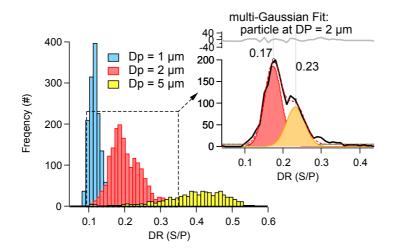
## **Supplementary Figures**



SF.1 The relationship between  $PM_{2.5-10}/PM_{10}$  as a function of mass concentration of  $PM_{2.5}$ . Colored-block behind the symbols indicate the air quality level classifications. Color filled circles indicated the daily averaged mass concentration of  $PM_{2.5}$ .



SF.2 Scatter plot of mass fraction of particle in coarse mode (PM2.5-10) in PM10 as a function of mass concentration of PM2.5. The shaded colour represent the air quality level during observation period.

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