Supplementary Information

Source-Resolved Variability of Fine Particulate Matter and

Human Exposure in an Urban Area

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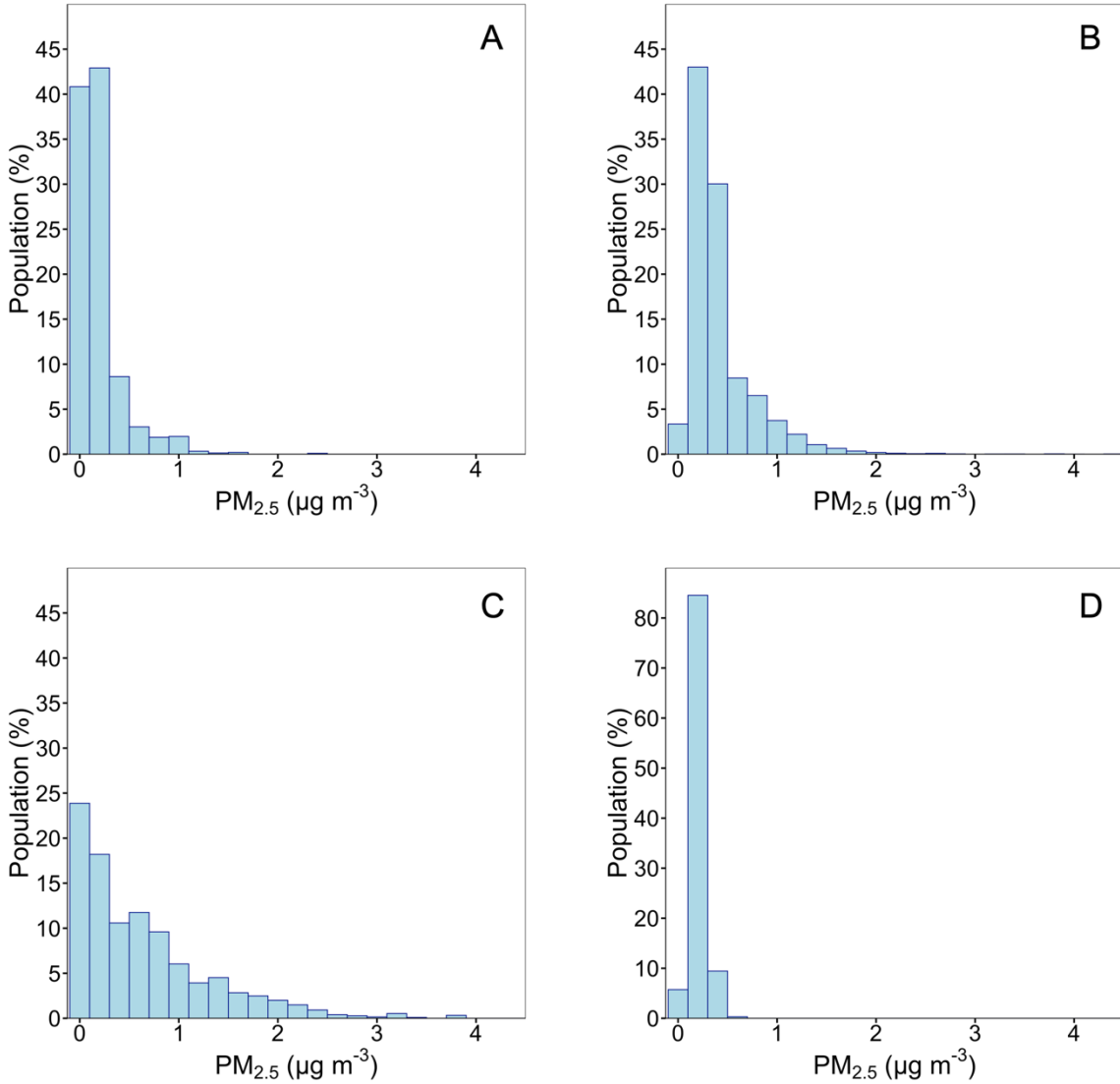
Figure S1 Population exposure histograms of the contribution to $PM_{2.5}$ concentrations from (**A**) commercial cooking, (**B**) industrial, (**C**) on-road traffic and (**D**) power generation sources during February 2017. A different scale for population is used for the distribution from power generation.
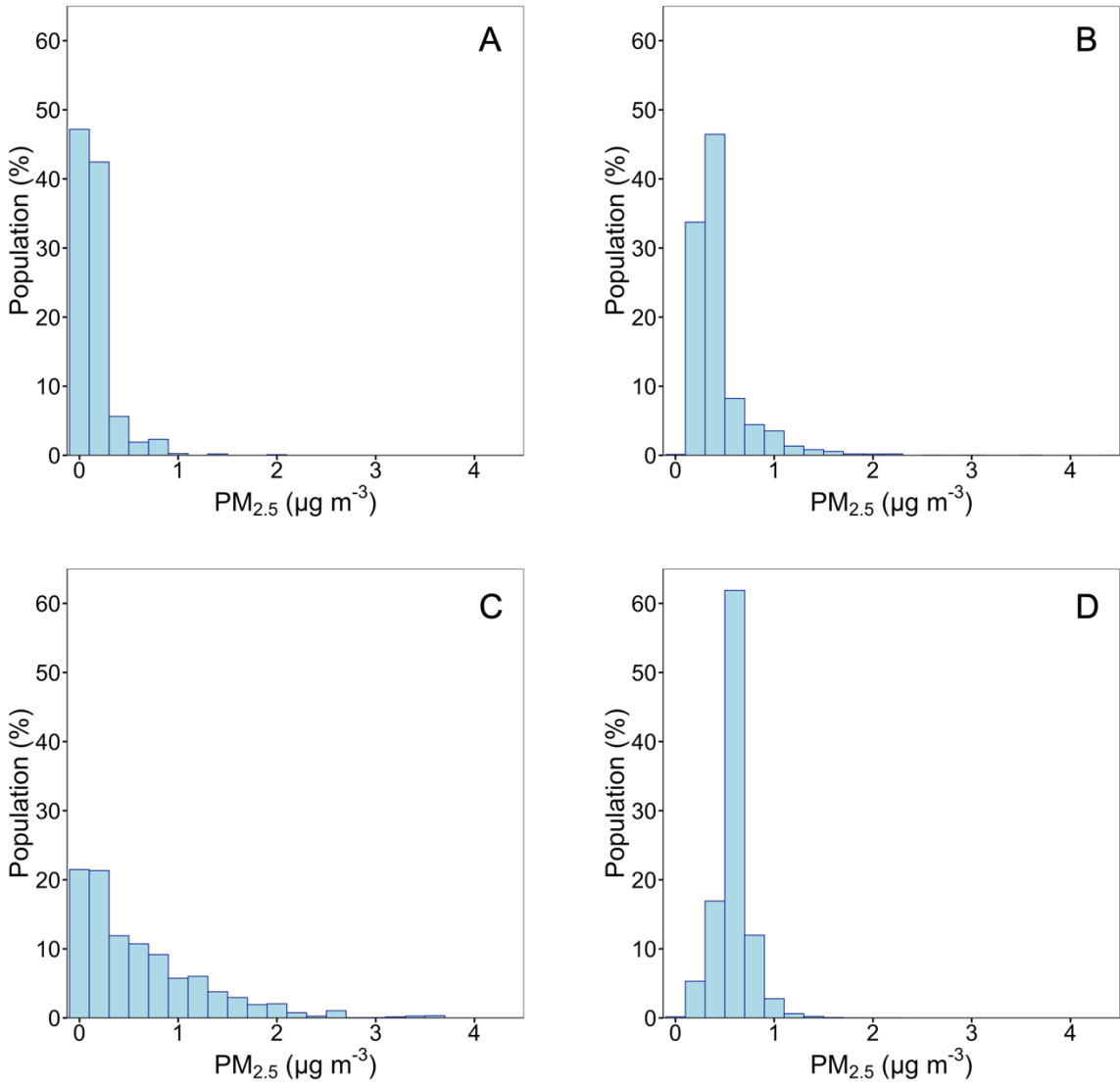
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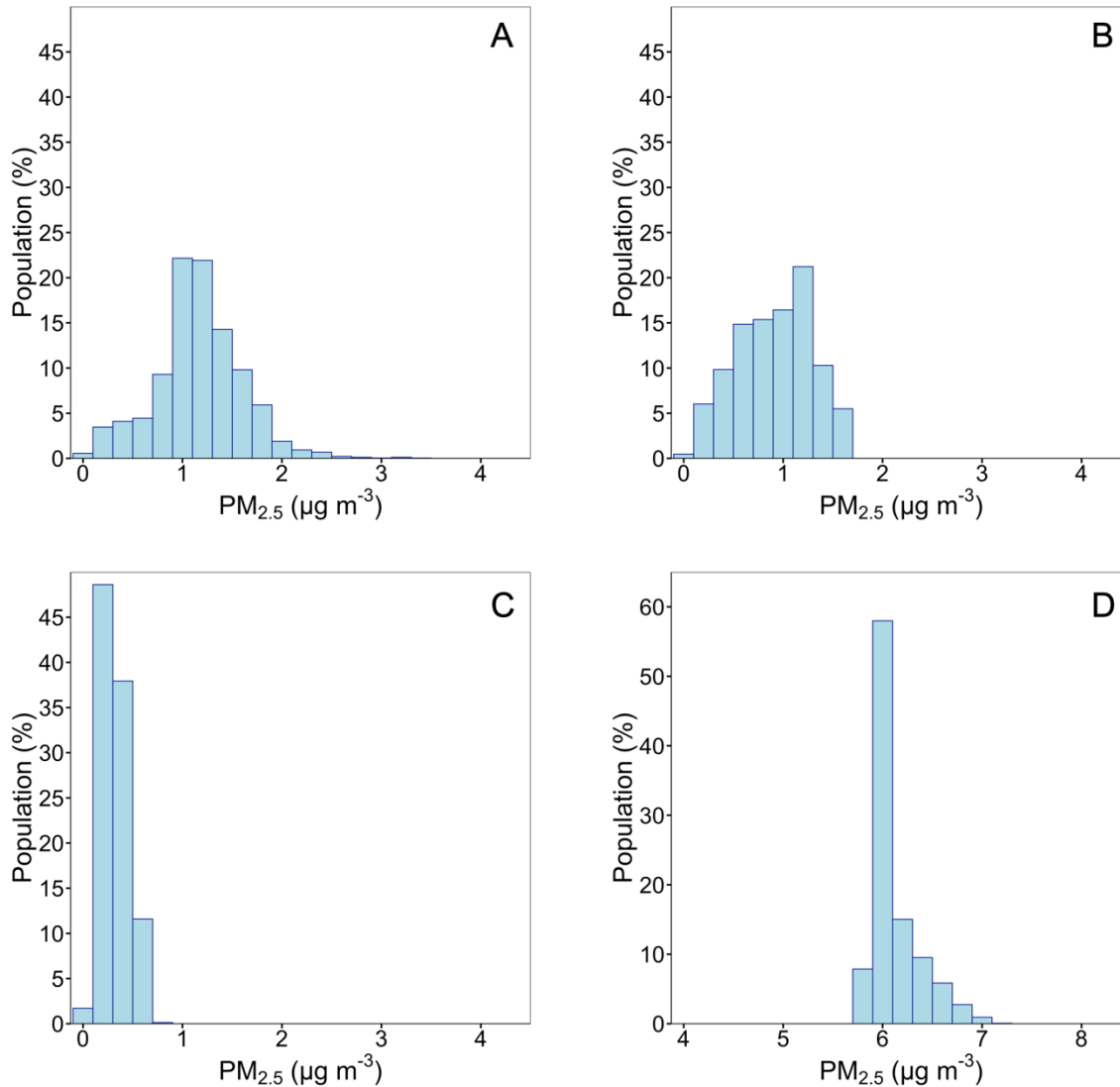
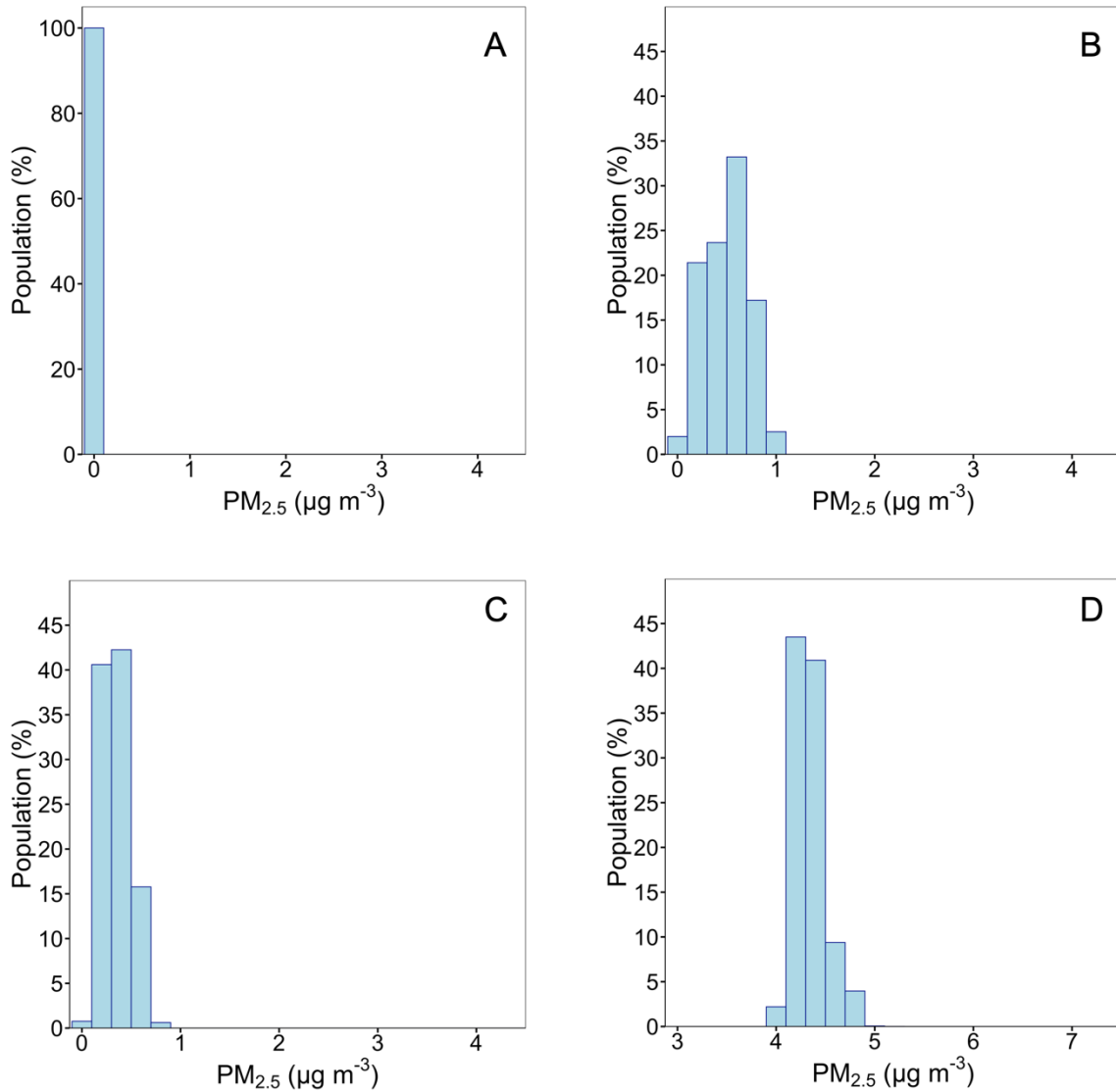**Figure S2** Population exposure histograms of the contribution to $PM_{2.5}$ concentrations from (**A**) biomass burning, (**B**) miscellaneous area sources and (**C**) all other sources during February 2017. Contributions from long-range transport (**D**) are shown with a different concentration scale.
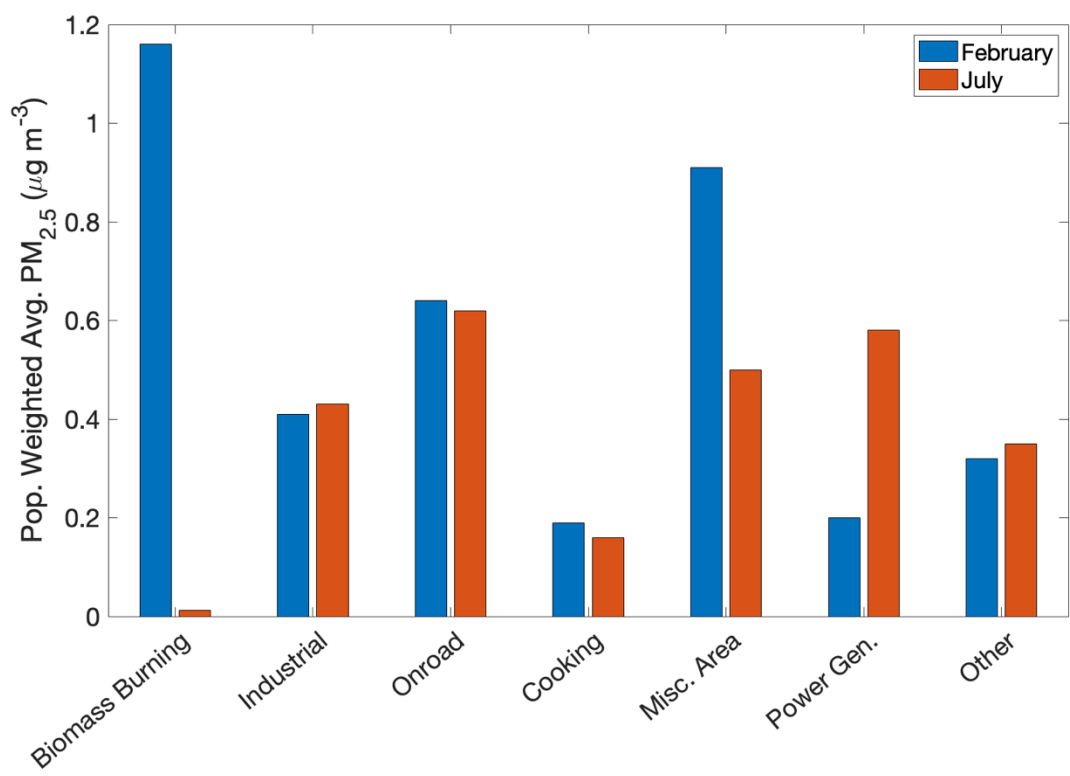
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36 **Figure S3** Population exposure histograms of the contribution to $PM_{2.5}$ concentrations
37 from (**A**) commercial cooking, (**B**) industrial, (**C**) on-road traffic and (**D**) power generation
38 sources during July 2017.
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43 **Figure S4** Population exposure histograms of the contribution to PM$_{2.5}$ concentrations
44 from (**A**) biomass burning, (**B**) miscellaneous area sources and (**C**) all other sources during
45 July 2017. Contributions from long-range transport (**D**) are shown with a different
46 concentration scale.
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Figure S5 Absolute contributions from local sources to population weighted total PM$_{2.5}$
concentration for February and July 2017

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