

Interactive comment on “Measurement of carbonaceous aerosol with different sampling configurations and frequencies” by Y. Cheng and K.-B. He

Anonymous Referee #2

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This study reports on filter measurement data in Beijing, China with the aim of exploring how different sampling configurations and sampling frequency lengths influenced positive and negative artefacts. The results have intended implications for the design of China's PM_{2.5} speciation monitoring network. The topic is relevant to the journal. The paper is not written very well as many parts of the text are confusing and English editing is required. Reviewing this paper was quite difficult as the areas that should have the greatest impact (abstract, implications, conclusions) were very confusing. The overall level of impact of this paper is very minor in my opinion, but the results, if presented better, could be useful for a community that is focused on artefacts in PM_{2.5}

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filter sampling of carbonaceous constituents, especially for future efforts in China.

General Comments

Significant English editing is needed to allow for easier reviewing/reading.

Specific Comments

Abstract, second sentence: poorly written and confusing.

Page 3174, Line 24–26: provide a reference for this “commonly believed” idea.

Page 3182, Line 12: what is “peri-urban”?

Interactive comment on Atmos. Meas. Tech. Discuss., 8, 3171, 2015.

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