

***Interactive comment on “High-resolution sampling and analysis of ambient particulate matter in the Pearl River Delta region of Southern China: source apportionment and health risk implications” by Shengzhen Zhou et al.***

**Anonymous Referee #3**

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I recommend this manuscript be published after some revisions listed as following. (1) We often believe the coarse PM (PM<sub>2.5-10</sub>) contributed from vehicles and road dust could probably be crustal dust (almost 18  $\mu\text{g}/\text{m}^3$  estimated from Figure 4). Since silicon was measured, please state it is true by using the chemical composition. Also, distinguishing the it from the construction dust is needed. (2) The author insisted coal consumption was dominated by industry, some words are necessary to exclude the power plants in PRD. (3) Some words are needed to tell the readers know how the authors chose the best results from PMF rotation runs.

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Interactive comment on Atmos. Chem. Phys. Discuss., <https://doi.org/10.5194/acp-2017-807>, 2017.

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