Interactive comment on “Spatial variation in particle number size distributions in a largemetropolitan area” by J. F. Mejía et al.

Anonymous Referee #2

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General: the paper presents interesting and important data on the spatial variation of number size distributions pf particles.

Methodology: OK. Comment: at some sites, quite short monitoring periods (one week)at others: 5 years. Seasons are different. The paper concludes that this has no influence on the statistics. But meteorological conditions are different between sea- sons: explain why no difference occured.

Results and Figures: Fig 2. Text says "bimodal distributions can be found...". It is not easy to recognize the bimodal function in these figures.

Conclusions: a more concise comment on potential sources and the occurence of size distribution is needed. (which source(s) add to which size).