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Interactive Comment

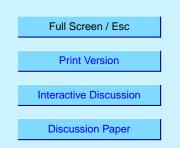
Interactive comment on "Mobile laboratory measurements of black carbon, polycyclic aromatic hydrocarbons and other vehicle emissions in Mexico City" *by* M. Jiang et al.

Anonymous Referee #4

Received and published: 26 September 2005

General Comments: This is an excellent paper that presents an interesting and scientifically important study in a clear and concisely written manuscript. I really cannot make any substantial suggestions for improvement. It should be published very much as it is.

Specific Comments: 1) The major value of this paper is in providing checks on emission inventories for Mexico City. I suggest that this be reflected in the title of the paper; something like "Vehicle fleet emission quantification through mobile laboratory measurements in Mexico City" 2) In the first paragraph of the introduction, it would be of



interest to give the standards for ozone and PM10. 3) Figure 1 is unnecessary. It appears to be more of an advertisement than a necessary diagram. The Kolb et al., 2004 reference will suffice for readers interested in the mobile lab layout

Technical Correction: 1) In line 12 of the Abstract, "is continuously sampling" should be "continuously sampled". 2) In line 2 of pg. 7397 "are dominant and fresh and unaffected" can be shortened to "dominate and are unaffected"

Interactive comment on Atmos. Chem. Phys. Discuss., 5, 7387, 2005.

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