

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

**M. Jiang et al.**

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The authors thank the referees for their reviews and helpful comments.

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.”

We will change the title to, “Vehicle fleet emissions of black carbon, polycyclic aromatic

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hydrocarbons, and gaseous pollutants measured by a mobile laboratory in Mexico City.”

2) “In the first paragraph of the introduction, it would be of interest to give the standards for ozone and PM10.”

The first paragraph of the introduction now provides the ozone and PM10 standards.

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.”

We have removed Figure 1.

Technical corrections

1) The wording has been corrected in the abstract to “continuously sampled.”

2) The suggested change in wording from “are dominant and fresh and unaffected” to “dominate and are unaffected” has been incorporated.

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

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