

***Interactive comment on “Top-down estimate of surface flux in the Los Angeles Basin using a mesoscale inverse modeling technique: assessing anthropogenic emissions of CO, NO<sub>x</sub> and CO<sub>2</sub> and their impacts” by J. Brioude et al.***

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We would like to thank the 3 reviewers for their helpful comments. The manuscript has been revised according to the referees' comments. We also added details about the uncertainties of instruments, and a new comparison between the 2010 CO<sub>2</sub> posterior estimates in LA County and the inventory ODIAC. The difference is 18%. See the supplement pdf document for a detailed answer.

Please also note the supplement to this comment:

C13313

<http://www.atmos-chem-phys-discuss.net/12/C13313/2013/acpd-12-C13313-2013-supplement.pdf>

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Interactive comment on Atmos. Chem. Phys. Discuss., 12, 31439, 2012.