

## ***Interactive comment on “Can 3-D models explain the observed fractions of fossil and non-fossil carbon in and near Mexico City?” by A. Hodzic et al.***

**A. Hodzic et al.**

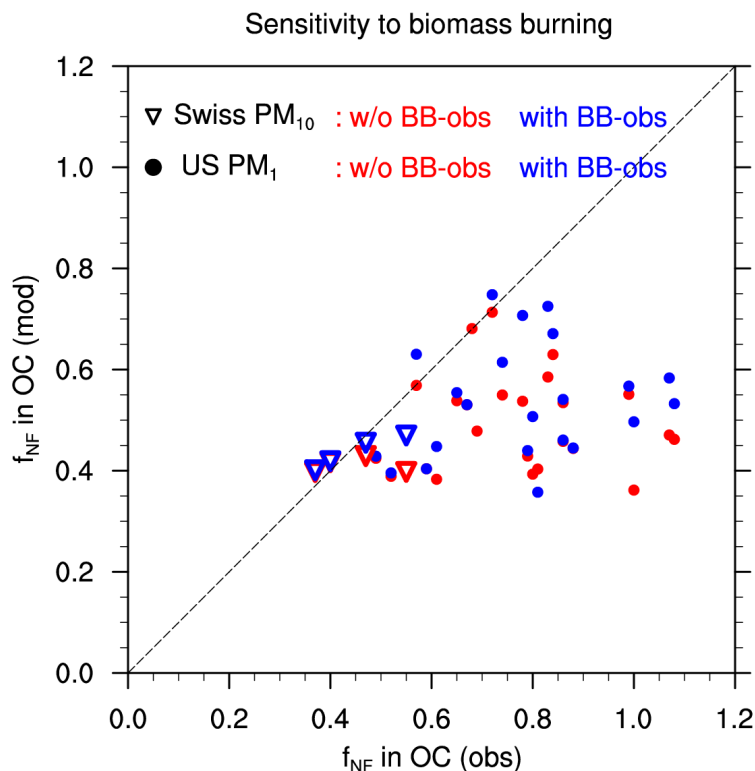
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The following figures have been added in the new manuscript as Figure 8a and b.

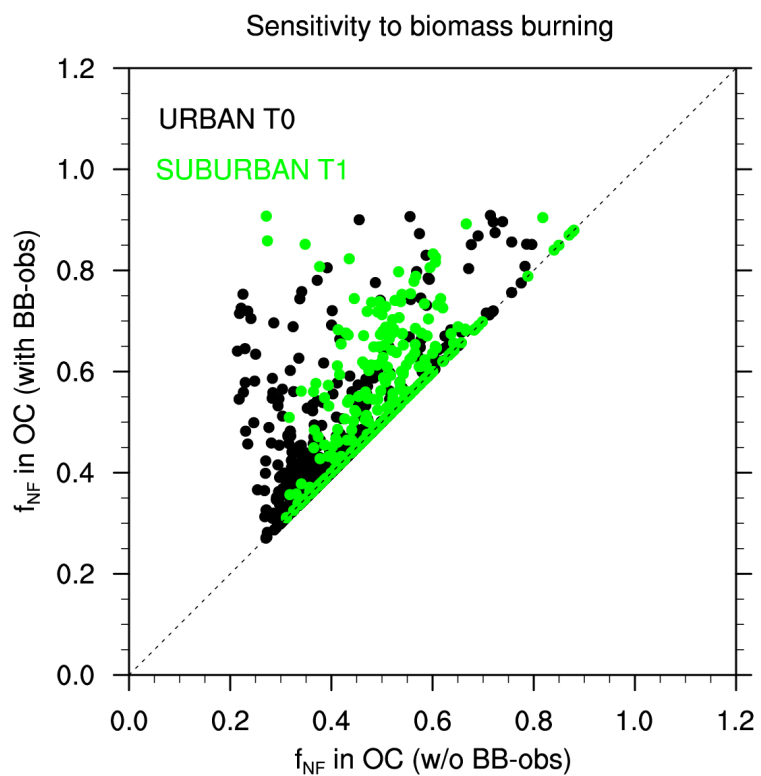
Interactive comment on Atmos. Chem. Phys. Discuss., 10, 14513, 2010.

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**Fig. 1.** Figure 8a: Comparison of predicted (ROB) and observed  $f_{NF}$  for US (dots) and Swiss (triangles) datasets at T0 and T1. Model sensitivity to biomass burning emissions is tested.

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**Fig. 2.** Figure 8b: Comparison of predicted (ROB)  $f_{NF}$  levels with and without correcting for the measured biomass burning contribution based on AMS observations.

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