

## ***Interactive comment on “The Coupled Aerosol and Tracer Transport model to the Brazilian developments on the Regional Atmospheric Modeling System (CATT-BRAMS) – Part 2: Model sensitivity to the biomass burning inventories” by K. M. Longo et al.***

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This document contains the figures 1, 2 and 3 cited at reply to the reviewer 1.

Interactive comment on Atmos. Chem. Phys. Discuss., 7, 8571, 2007.

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“The Coupled Aerosol and Tracer Transport model to the Brazilian developments on the Regional Atmospheric Modeling System (CATT-BRAMS) – Part 2: Model sensitivity to the biomass burning inventories” by K. M. Longo et al.

### Questions and Answers to Reviewer 1:

#### Figure 1

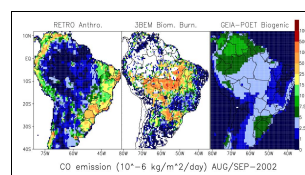


Figure 1. Carbon monoxide daily emission rate from anthropogenic (urban-industrial-vehicular), biomass burning and biogenic processes. Time mean for August and September, 2002.

Fig. 1.

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**Questions and Answers to Reviewer 1:**

**Figure 2**

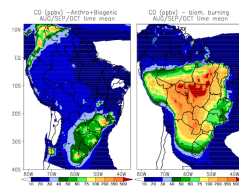


Figure 2. At left, near surface CO (ppb) from only urban-industrial-vehicular (RETRO) and biogenic (GEIA-POET) emissions. At right, only biomass burning emissions (Aug-Sep-Oct, 2002 time mean).

**Fig. 2.**

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**Questions and Answers to Reviewer 1:**

**Figure 3**

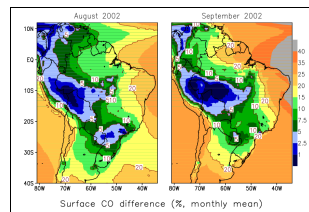


Figure 3. Difference of CO between two simulations (one includes RACM chemical mechanism, the other one treats CO as a tracer with lifetime of 30 days) in terms of monthly means for August and September 2002.

**Fig. 3.**

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