

Interactive comment on “Assessment of fire emissions inventories during the South American Biomass Burning Analysis (SAMBBA) experiment” by G. Pereira et al.

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Dear Reviewer, First, we would like to thank you for the helpful comments and suggestions. Below, we describe the changes made and the answers (point-by-point).

Referee # 1

RC1: “Figure 3 – The order of presentation does not match the previous figure or the text. Please re-order these plots. Also, the plot are lacking axis labels. I understand this allows the efficient display, but it takes some time to understand this. The caption helps the reader understand the layout and why there are not labels, but needs a bit more explanation, since there are no values associated with the data points.”

C1

AC1: We have changed the figure layout. To a better understanding we added axis labels to all graphs of the figure including the data points values.

RC2: “I would suggest that the results & discussion section be broken into sub-headings to help the reader. The final two paragraphs are more specifically discussion, as it presents more than the emissions results, and explains why these data are important to estimate accurately.”

AC2: We divided the topic results & discussion section into three sub-topics: 3.1 Comparing emission inventories spatially; 3.2 Assessment of fire inventories with AOT; 3.3 Evaluating the emissions against observations.

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C2