

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

Anonymous Referee #1

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This manuscript reviews several methods of estimating emissions from fires in Brazil originating from land use activities. The presentation does a very good job reviewing the various methods and products used in regional and global fire emissions inventories.

The paper does a good job of concisely presenting the results of this analysis. The figures are generally clear (see note on Fig 3, however), and the paper has value to the community. Two specific points:

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

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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.

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.

Interactive comment on Atmos. Chem. Phys. Discuss., doi:10.5194/acp-2015-1053, 2016.