

***Interactive comment on “Quantification and evaluation of atmospheric pollutant emissions from open biomass burning with multiple methods: A case study for Yangtze River Delta region, China” by Yang Yang and Yu Zhao***

**Anonymous Referee #1**

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This manuscript presents a very comprehensive study of historical trend of OBB emissions in YRD. I am very impressed by the large amounts of work done in this study. The presentation is also of high quality, and the structure is well organized. The constraining method is a little bit weak, but makes the story complete. I would suggest the authors improve the constraining method in future studies. The authors have acknowledged the weakness, which is great. I only have very minor comment for improvements. For constraining method, the correction is based on the comparisons of PM<sub>10</sub>, and the correction factor was applied to all other species. The authors should acknowledge

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this limitation in the method section.

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