

## ***Interactive comment on “Airborne characterization of smoke marker ratios from prescribed burning” by A. P. Sullivan et al.***

**Anonymous Referee #2**

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Review of “Airborne characterization of smoke marker ratios from prescribed burning”.

**Overall Comments** This manuscript characterizes the smoke marker measurements using aircraft sampling conducted during prescribed burning events in South Carolina. Overall, this is a very well written manuscript, and provides interesting information on levo/WSOC ratios downwind of a fire. I have very few suggested comments, and I feel that this manuscript could certainly be published in ACPD.

**Methods** It would be useful to have additional information on the types of fuels burned (type of vegetation, amount of acreage combusted, etc.). Also, how representative is this controlled burn compared to a “normal” forest fire?

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Interactive comment on Atmos. Chem. Phys. Discuss., 14, 11715, 2014.