

Interactive comment on “Ozone Response to Emission Reductions in the Southeastern United States” by Charles L. Blanchard and George M. Hidy

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We appreciate the reviewer’s affirmation of the value of the SEARCH program and database. In summary, the ~20-year SEARCH measurement record is not in dispute. Moreover, the primary result that we present, which is a quantification of the responses of ozone (O₃), nitrogen oxides (NO_x), and NO_x reaction products to changes in anthropogenic NO_x emissions in the southeastern U.S., is not in dispute either. We have documented observed trends and relationships, and we have now expanded these descriptions in accordance with the reviewer’s suggestions. We have also revised the manuscript following each of the reviewer’s major and minor points.

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Interactive comment on Atmos. Chem. Phys. Discuss., <https://doi.org/10.5194/acp-2017-534>, 2017.

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