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Interactive comment on "Magnitude, Trends, and Impacts of Ambient Long-Term Ozone Exposure in the United States from 2000–2015" by Karl M. Seltzer et al.

Anonymous Referee #3

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The manuscript titled "Magnitude, Trends, and Impacts of Ambient Long-Term Ozone Exposure in the United States from 2000-2015" by authors Seltzer et al. develops a machine learning approach to generate an observation-based estimate of long-term ozone exposure and calculates resulting human-health and crop yield impacts. The revision of the state of the art is up to date, and the methodology is is scientifically rigorous. However, several aspects should be addressed:

1. Further description of the ANN method and the calculations of human health and crop yield impacts are needed, in the sense stated by the other reviewer.

2. The use of acronyms should be reduced. It sometimes makes the manuscript hard

to follow. Please only use acronyms when needed.

3. Further revisions of the text should be carried out in order to minimize errata and typos.

Interactive comment on Atmos. Chem. Phys. Discuss., https://doi.org/10.5194/acp-2019-672, 2019.