

***Interactive comment on “Long-term measurements of ground-level ozone in Windsor, Canada – Part I. temporal variations and trends” by Xiaohong Xu et al.***

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Referee comments: The authors applied the method presented by Akimoto et al. (2015) to the analysis of long-term trend of O<sub>3</sub> and NO<sub>x</sub> in the city of Windsor. Although the originality of the idea is not very high, the analysis is the most comprehensive of this kind of research and the paper provides a useful view of the impact of the emission control of NO<sub>x</sub> on O<sub>3</sub> concentration. The presentation quality of the scientific results is good, and I recommend the manuscript is published in the present form.

Response: Thank you for valuing our work. No change is required. However, following the suggestions of another reviewer, we have amended the manuscript to highlight the

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original contribution of this study (Line 84-91). Track changes were used in the marked-up manuscript uploaded online. The line numbers refer to the marked-up manuscript.

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Interactive comment on Atmos. Chem. Phys. Discuss., <https://doi.org/10.5194/acp-2018-851>, 2018.

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