

## ***Interactive comment on “Characteristics of Ground Ozone Concentration over Beijing from 2004 to 2015: Trends, Transport, and Effects of Reductions” by Nianliang Nianliang et al.***

**Nianliang Nianliang et al.**

cnl88@163.com

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This manuscript has been further edited for language by Essaystar (<http://essaystar.com/Service.html>), a company dedicated to helping international researchers publish their findings in the best English language journals possible. The study was restricted by some necessary conditions such as: we lack of observed data for VOCs during 2008–2015, NO<sub>x</sub> during 2004–2007, meteorological elements during 2004–2009. So the we cannot analyzed them perfectly. In order to make deep analysis and find valuable scientific information on the O<sub>3</sub> pollution in Beijing, we have done the following aspects of work 1. We add some further analysis and modify the reviewer's opinion. We applied the NO<sub>2</sub> and HCHO VCDs from the OMI products in urban Beijing

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(GY site, 116.33° E, 39.93° N) and combined the corresponding ratios to analyze the chemical sensitivity of PO<sub>3</sub>. 2. In order to explain the regional reductions effect, we increased analysis and changed some orders of the text. 3. We further polish and improve the English language in this article and the proof is as follows: If there some more revisions, we will further modify. Thank you! The annex is the english polish proof.

Please also note the supplement to this comment:

<http://www.atmos-chem-phys-discuss.net/acp-2016-508/acp-2016-508-AC2-supplement.pdf>

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Interactive comment on Atmos. Chem. Phys. Discuss., doi:10.5194/acp-2016-508, 2016.

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English polish proof.

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Essaystar Group  
+1-208-975-4235  
EssayStar, 93 S Jackson St, Seattle, WA 98104

**Fig. 1.** English polish proof