Reviewer's report

Title: Ever dispense of prescribed allergy medication in children growing up close to traffic: a registry-based birth cohort.

Version: 2  Date: 18 July 2015

Reviewer: Mieczyslaw Szyszkowicz

Reviewer's report:

As a reviewer I have the following remarks: (all my comments are Minor Essential Revisions)

1. The paper is well and clearly written. The material is well presented.
2. Abstract, Line 28, should be “or” rather than “and”. Line 39: 0-8640 or better 0-8639? Line 46, “may be not risk factor”?
3. Line 94 “to the end of 2011”, thus age in the study 0-7? Line 145 – 2010. Please precise or add some comments as you have various scenarios.
4. Line 100, it’s good to add “Health outcome data..”
5. Lines 174-177. Have you tried log (NOx), and compare Log Likelihood for NOx and log in the model?
6. A similar remark for LL in line 214 – does your model improved by adding new variables?
7. Line 334 – Do you mean in long term exposure: air pollution and asthma. In short, in my opinion young and older have different lag effects.
8. Line 357- I agree, that if your results are correct, it can be other stronger factors.
Thank you

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Acceptable

Statistical review: Yes, and I have assessed the statistics in my report.

Declaration of competing interests:

'I declare that I have no competing interests'