

## **Author's response to reviews**

**Title:** Outdoor air pollution and emergency department visits for asthma among children and adults: a case-crossover study in northern Alberta, Canada.

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On pg 2, 5th line after Results, use 'increase' rather than 'increases'. On pg 3, 2nd paragraph, 3rd sentence, add comma (,) after 'attributed' and in the last portion of the last line, replace 'other variety of other...' with 'a variety of other....', it also seems like this sentence should be split into 2 separate sentences (currently a run on sentence). On pg 4, under 'Methods', middle of paragraph, replace 'provides 24 hr..' with 'provide 24...'. On pg 7, replace Aril with April. Define NOx the first time it's used (rather than 2nd) (also add to abbreviation list). On pg 11, under Discussion, 4th sentence, remove comma after 'studies'. On top of pg 13, it appears like 'verses' should be replaced with 'versus'. On pg 17, add reference number (Schwartz). For figures, you have correctly removed the titles as requested, 'Figure 1' and 'Figure 2' should also be removed from the figure files. In References #11 and #13, the abbreviated journal title should be used. In tables 1 & 2, all rows and columns should be visibly distinct (show black cell lines). In addition, age ranges in Table 1 (and references to ranges in the MS) should be modified (2-4, 5-14, etc.)

**RESPONSE:** All above changes have been made to documents. Age ranges have also been changed in tables in figures.

Table titles should be a maximum of 15 words, detailed legends may follow but must be concise. If possible, please minimize white space around figures.

**RESPONSE:** These changes have been incorporated into the revised paper.

COPD should preferably be added to the abbreviations list.

**RESPONSE:** Done.