Reviewer's report

Title: Agricultural Crop Density and Risk of Childhood Cancer in the Midwestern United States: an Ecologic Study

Version: 3 Date: 10 September 2015

Reviewer: Susan E Carozza

Reviewer's report:

The authors have adequately responded to my comments.

Major Compulsory Revisions (which the author must respond to before a decision on publication can be reached)

None.

Minor Essential Revisions (such as missing labels on figures, or the wrong use of a term, which the author can be trusted to correct)

None.

Discretionary Revisions (which are recommendations for improvement but which the author can choose to ignore)

1. The authors might consider adding the 2nd sentence from their response to my #1 comment (“We had no reason to expect the same relationships between each crop and cancer type, so we explored multiple exposure definitions to account for both linear and non-linear associations”) at the beginning of their 3rd paragraph in the Statistical Analysis section. This would concisely explain their justification for using three exposure definitions..

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

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I declare that I have no competing interests.