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Erratum to: Ozone and childhood respiratory disease in three US cities: evaluation of effect measure modification by neighborhood socioeconomic status using a Bayesian hierarchical approach

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Erratum

This article [1] has been updated to include an R code and example dataset as Additional files 2 and 3. The R code and example dataset are also shown below.

In addition, the following text has been removed from page 4 of the article:

"To demonstrate the methods we used to fit the combined meta-regression, the online supplement includes example R code with an example dataset (example data are not real but are similar in magnitude and structure to the output from the case-crossover analyses in Stage 1".)

Finally, the following text is shown in the methods section:

To demonstrate the methods we used to fit the combined meta-regression, we have included an R code and example dataset as Additional files 2 and 3 (example data are not real but are similar in magnitude and structure to the output from the case-crossover analyses in Stage 1".)

Additional files

Additional file 2: Offers example R code that requires the use of the simulated data in Additional file 3 (log odds ratios, standard errors, and area-level indicators of poverty) to demonstrate how to fit combined Bayesian hierarchical meta-regressions similar to the ones specified in Stage 2 models in O'Lenick et al., 2017 [1].The R code also demonstrates

how to make graphs similar to the ones presented in Figure 3 of O'lenick et al., 2017 [1]. (TXT 5 kb)

Additional file 3: A simulated dataset that includes variables (log odds ratios, standard errors, and area-level indicators of poverty) for use in the R code in Additional file 2. The variables and the data in this example dataset are simulated, but are representative (similar in magnitude and structure) to outputs from the ZIP Code Tabluation Area (ZCTA)-specific case-crossover models described in Stage 1 models in O'Lenick et al., 2017 [1]. (XLSX 49 kb)

Authors' contributions

CRO, HHC, AW, JAM, MRK, and SES designed the study and directed its implementation. HHC guided the statistical methodology. JAM and MDF provided ozone exposure data, analytical design and modeling assistance. CRO, HHC, AW, MRK, and SES analyzed the data. CRO, HHC, AW, JAM, MRK, and SES interpreted the results. CRO, HHC, AW, JAM, MDF, MRK, and SES wrote the manuscript.All authors read and approved the final manuscript.

Competing interests

The authors declare that they have no competing interests.

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Reference
1. Cassandra R. O' Lenick, Howard H. Chang, Michael R. Kramer, Andrea Winquist, James A. Mulholland, Mariel D. Friberg and Stefanie Ebelt Sarnat. Ozone and childhood respiratory disease in three US cities: evaluation of effect measure modification by neighborhood socioeconomic status using a Bayesian hierarchical approach. Environ Health. 2017;16:36 doi:10.1186/s12940-017-0244-2

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