

ERRATUM

Open Access



Erratum to: Long-term exposure to fine particulate matter and incidence of type 2 diabetes mellitus in a cohort study: effects of total and traffic-specific air pollution

Gudrun Weinmayr^{1,2*}, Frauke Hennig¹, Kateryna Fuks¹, Michael Nonnemacher³, Hermann Jakobs⁴, Stefan Möhlenkamp⁵, Raimund Erbel⁵, Karl-Heinz Jöckel³, Barbara Hoffmann^{1,2†}, Susanne Moebus^{3†} and on behalf of the Heinz Nixdorf Recall Investigator Group

Unfortunately, the original version of this article [1] contained an error. The paragraph of the results starting with “The relative risks...” contained errors in the reported effect estimates and confidence intervals.

The paragraph read:

The relative risks from the unadjusted crude model and for the main model are shown in Table 2. When expressing RRs per IQR, exposure to total PM₁₀ was related to an increase in type 2 diabetes incidence of 20 % (RR of 1.20, 95 %-CI: 1.01;1.31) in the main model. The corresponding RR for PM_{2.5} was 1.11 (95 %-CI: 0.99;1.23). For traffic-specific PM, the estimates for this measure of population distribution of exposures were similar with a RR of 1.11 (95 %-CI: 0.99;1.17) for PM₁₀_{TRA} and a RR of 1.10 (0.99;1.23) for PM_{2.5}_{TRA}.

But it should have read:

The relative risks from the unadjusted crude model and for the main model are shown in Table 2. When expressing RRs per IQR, exposure to total PM₁₀ was related to an increase in type 2 diabetes incidence of 20 % (RR of 1.20, 95 %-CI: 1.01;**1.42**) in the main model. The corresponding RR for PM_{2.5} was **1.08** (95 %-CI: **0.89;1.29**). For traffic-specific PM, the estimates for this measure of population distribution of exposures were similar with a RR of 1.11 (95 %-CI: 0.99;**1.23**) for PM₁₀_{TRA} and a RR of 1.10 (0.99;1.23) for PM_{2.5}_{TRA}.

Author details

¹IUF - Leibniz Research Institute for Environmental Medicine, Düsseldorf, Germany. ²Medical School, Heinrich Heine University of Düsseldorf, Düsseldorf, Germany. ³Institute for Medical Informatics, Biometry and Epidemiology, University Hospital of Essen, University of Duisburg-Essen, Essen, Germany. ⁴Rhenish Institute for Environmental Research at the University of Cologne, Cologne, Germany. ⁵Department of Cardiology, West German Heart Centre of Essen, University of Duisburg-Essen, Essen, Germany.

Received: 14 March 2016 Accepted: 14 March 2016

Published online: 23 March 2016

References

1. Weinmayr G, Hennig F, Fuks K, Nonnemacher M, Jakobs H, Möhlenkamp S, et al. Long-term exposure to fine particulate matter and incidence of type 2 diabetes mellitus in a cohort study: Effects of total and traffic-specific air pollution. *Environ Health*. 2015;14:53. doi:10.1186/s12940-015-0031-x.

* Correspondence: gudrun.weinmayr@uni-duesseldorf.de

†Equal contributors

¹IUF - Leibniz Research Institute for Environmental Medicine, Düsseldorf, Germany

²Medical School, Heinrich Heine University of Düsseldorf, Düsseldorf, Germany

Submit your next manuscript to BioMed Central and we will help you at every step:

- We accept pre-submission inquiries
- Our selector tool helps you to find the most relevant journal
- We provide round the clock customer support
- Convenient online submission
- Thorough peer review
- Inclusion in PubMed and all major indexing services
- Maximum visibility for your research

Submit your manuscript at
www.biomedcentral.com/submit

