Reviewer’s report

Title: Migration background is a risk factor for caries in Austria school children, even when parents have received a higher education.

Version: 3 Date: 16 January 2014

Reviewer: Sigrid Van den Branden

Reviewer’s report:

In general this is a much improved manuscript. The results of the new analyses are very interesting and can provide new and important knowledge in this domain.

Major compulsory revisions

However, based on the information that is provided in the Results section and in the tables, I cannot comment on the outcomes and conclusions that were made. Please provide more information in Table 2, the mean scores for the different educational level and type of school in children with and without migration background, the test statistic (F, t, exp(B), OR…?), and p-values or confidence intervals for all factors included in the analyses, not only the interactions. What is the main effect of migration background, educational level and type of school? Did you use a full-model with two- and three-way interactions or not? Were the analyses performed on all participating children or was there missing data, please provide N for each analysis?

Unfortunately for the moment, it is not possible for the reader to interpret the results and conclusions.

Level of interest: An article of importance in its field

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.