Reviewer's report

Title: Geo-mapping of time trends in childhood caries risk - a method for assessment of preventive care

Version: 4 Date: 2 February 2012

Reviewer: Antonio Carlos Pereira

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- Discretionary Revisions
This manuscript is a great text about caries risk involving geo-maps and a complex statistics. The subject is current and methodology section is well done. I have only one question: In the text is stated: “The overall coverage of the total 3-6-year population of the Halland region was 76% in 2006 and 77% in 2010”. Please could you consider discussing about the possible implication of the non included children in the data? My hypothesis is that children in developing countries (for example), whom don’t return for check up, are that living in deprived area. The explanation involves cultural conditions, difficulties in return to the dental clinics due to distance or others.

In discussion I kindly suggest to include a recent publication involving GIS and dental caries.


Level of interest: An article of outstanding merit and interest in its field

Quality of written English: Acceptable

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

Declaration of competing interests:

I don’t have any kind of interest in this manuscript revision.