Reviewer's report

Title: Perception of Toothache in Adults from Capitals and Inner Cities within Brazilian Geographic Regions

Version: 1 Date: 3 January 2013

Reviewer: Marc W Heft

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Major Compulsory Revisions
1. Authors should provide comparison of demographic and SES factors among the different cities. These factors will (1) provide a useful means for clustering locations for analysis and, also, (2) possibly offer explanation for differences among the different cities and regions. Requires appropriate multivariate statistical modeling.
2. The authors should provide possible explanations for the variability among locales.

Minor Essential Revisions
1. For the Tables, provide the N's for the number of observations per site.
2. Tables 1 & 2 are quite cumbersome. Suggest collapsing by Regions and State Capitals versus Inner cities [after demonstrating there are not demographic, SES, etc. factors in the 'lumped' categories.

Level of interest: An article of importance in its field

Quality of written English: Needs some language corrections before being published

Statistical review: Yes, and I have assessed the statistics in my report.

Declaration of competing interests:

I declare that I have no competing interests.