Reviewer's report

Title: Risk of obesity in immigrants compared with Swedes in two deprived neighbourhoods

Version: 2 Date: 30 June 2009

Reviewer: M. Janice Gilliland

Reviewer's report:

The Methods section has been greatly improved. On page 8, however, the authors mention that the Care Need Index (CNI) was calculated for all Swedish neighborhoods, then states that their current study is based on 2006 data. Please indicate how often the CNI is calculated. In addition, give a little more information regarding what the score means. For example, the most deprived neighborhood in the 1990s had a score of 53.5. What does this mean in terms of actual deprivation (average income, housing?). What was the range of CNI in the 2006 data? Is the CNI a governmental report?

The Discussion section still does not flow although it is improved from the version previously submitted. For example, on p 15, the first full paragraph starts “It is, however, difficult to directly compare objectively measured findings with those based on self reporting.” The following sentence cites an objectively measured study from Greece. It is unclear what the first sentence contributes to the paper. Similarly, on p. 16 in the first full paragraph and the following paragraph, the authors’ discuss obesity in deprived neighborhoods and communities, but it is unclear if they are making a distinction between the two. This part of the Discussion section needs to be revised.

There are still some grammatical errors and problems with consistency and flow in the manuscript. The authors have greatly improved the manuscript, however, and with some revisions, the paper should make a contribution to the literature.

Level of interest: An article whose findings are important to those with closely related research interests

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

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

Declaration of competing interests:

I declare that I have no competing interest.