Reviewer's report

Title: Acculturation and Obesity among Migrant Populations in High Income Countries - a Systematic Review

Version: 2 Date: 14 March 2013

Reviewer: Henriëtte Dijkshoorn

Reviewer's report:

Discretionary Revisions
Could the authors address the role of gender in the final part of the paper; how to address the differences in the relationship of acculturation and obesity between migrant men and women in the prevention of obesity

The first key messages needs clarification; could the authors add a remark on the direction of the relationship between acculturation and obesity?

Minor Essential Revisions
The methods are well described, except for the comparability of the acculturation scales used. I missed a description of the construction of the acculturation scales; are they valid, which items were included in the scales, are they comparable

A description lacked on the effect of the use of self-reported BMI on the results of the review. Both papers on self-reported and measured BMI were included.

Why did the authors choose to limit ate the study to migrants and or refugees who lived in the host country for 15 years or less? Why did not they include migrants who lived in the host country longer than 15 years?

Could the authors add a remark which makes clear the role of SES in each of the nine studies?

Major Compulsory Revisions: none

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

Quality of written English: Acceptable

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