Reviewer's report

Title: The association of leisure-time physical activity and active commuting with measures of socioeconomic position in a multiethnic population living in the Netherlands: results from the cross-sectional SUNSET study

Version: 2 Date: 1 July 2012

Reviewer: Christopher Gidlow

Reviewer's report:

The authors have addressed the points raised. The only one that I think should be revisited:

- Original reviewer comment (regarding p.7, para 1):
(b) in the context of physical activity research, as you are not taking occupational activity into account and focusing on commuting and LTPA, likely and unaccounted impacts on peoples LTPA (and perhaps, to a lesser extent, commuting activity) of having active jobs, could seriously confound your results.

- Authors amended sentence in the text (p16, lines 8-10):
‘Moreover, we can not exclude the influence of job activity on LTPA [49], however in our study population this relationship was similar across ethnic groups (unpublished)’.

- Recommendation - This does not address the concern raised that you are not taking into account a potentially important physical activity domain that might be expected to differ between SE groups (occupational activity). I suggest you reword (assuming I have interpreted your 2nd sentence correctly?):
‘Moreover, the focus on LTPA and active commuting meant that we could not take into account potential socio-economic differences in occupational activity. However in our study population the relationship between leisure-time/active commuting and occupational physical activity was similar across ethnic groups (unpublished).’

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

Quality of written English: Acceptable

Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.

Declaration of competing interests:

I declare that I have no competing interests