Reviewer’s report

Title: Association of self-reported physical activity patterns and socio-demographic factors among normal-weight and overweight Japanese men

Version: 2 Date: 8 February 2012

Reviewer: Masamitsu Kamada

Reviewer’s report:

Major Compulsory Revision (1):
I think the quality of the paper improved overall by the revision. If authors present the data of interaction tests, I recommend the following structure of analyses to strengthen the design of the paper:

(1) Table 1;
(2) Table 2;
(3) PA-sociodemographic relationships in total sample (new, results of multiple logistic regression analyses);
(4) Interaction tests (Table 3) and
(5) PA-income relationship by BMI status (Table 4 only with income).

Is there any rationale for subgroup analyses with variables without significant interactions?

Minor Essential Revisions: no
Discretionary Revisions: no

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

Quality of written English: Acceptable

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

Declaration of competing interests:
I declare that I have no competing interests.