Reviewer's report

Title: Association of total daily physical activity with disability in community-dwelling older persons: a prospective cohort study

Version: 3 Date: 30 September 2012

Reviewer: Claudia Drossel

Reviewer's report:

Thank you for the opportunity to re-review this manuscript. I appreciate the authors' thoughtful revisions and have only minor essential revisions:

p. 2: The odds ratio and 95% Confidence Interval (CI) was determined; please replace “was” with “were” in two sentences.

p. 4: Moderate to severe functional limitations is defined …; please replace “is” with “are” or change “limitations” to “limitation.”

p. 6: And have agreed to annual clinical evaluations …; please replace “have” with “had.”

p. 7: Upon retrieval of the actigraph, raw data was downloaded …; please consider data as a plural noun (data were downloaded) in this and subsequent sentences.

p. 9: Next, initial model was repeated …; please insert “the”.

p. 10: The mean level of total daily physical activity for persons reporting on physical activity was 2.5…; should that read, "for persons reporting 'no' physical activity ..."?

p. 15: efforts on populations that high risk for developing disability such as persons over the age of 80; please replace “that high risk” with “at high risk.”

p. 15: Total daily physical activity worn continuously over multiple days; consider, “Total daily physical activity assessed continuously over multiple days ...”

Level of interest: An article of importance in its field

Quality of written English: Acceptable

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 interests.