Reviewer’s report

Title: The validity of the non-exercise activity thermogenesis questionnaire evaluated by objectively measured daily physical activity by the triaxial accelerometer

Version: 2 Date: 6 April 2014

Reviewer: Yuji Hirowatari

Reviewer’s report:

Dear authors

The non-exercise activity thermogenesis (NEAT) questionnaire is an important tool for improvement of lifestyle. In this paper, there is new information concerning NEAT.

I had some comments for authors.

Major comments

1. Authors have to add the estimation data of men and women, and compare between those of men and women, because women generally do more housework than men do. In discussion, authors described that the NEAT scores were more significantly correlated with metabolic parameters in women than men in the previous study.

2. The manuscript showed that the NEAT score estimated by questionnaires was highly coincided with physical activity by accelerate. Therefore, the NEAT score was useful for evaluation of physical activity. This method for estimation of NEAT is made by authors’ original questionnaires. Authors have to describe comparison between the NEAT scores and the other methods by using questionnaires.

Miner comments

1. Authors have to change from the title “Introduction” to “Background”.
2. Authors have to write the part of “Conclusion” in the manuscript.
3. Authors have to again check the instructions for authors of journal.

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