Reviewer’s report

Title: The effect of physical activity and body mass index on menopausal symptoms: a cross-sectional study in primary care

Version: 4 Date: 9 January 2014

Reviewer: PASCAL IZZICUPO

Reviewer’s report:

Major compulsory revisions

1. Recommended references are read and the one in English is included as one of the references. As the reviewer pointed out ethnical and cultural differences seem to have an important role in menopausal symptoms. We tried to emphasize it in the background part of the manuscript.

REVISION OK

2. “Sitting time” in IPAQ is also provided as the reviewer recommended within the results section.

REVISION OK

3. found that the assumptions of regression analysis (eg. normality assumption, we transformed the independent variable, dependent variable, or both. And we conducted a regression analysis, using the transformed variables and compute the coefficient of determination (R2), based on the transformed variables. But the transformation was not successful.) were not met. When we forced modeling we found that the coefficients of determination (R2) were between 6.5-8.5% for total MRS, and its subscales. We would be so pleased to do if there would be any more recommendations.

REVISION OK

Minor essential revisions

4. As we measured the participants’ weight and height with a standardized instrument, (Mewa GmbH/Schwerin-M318800). We add the information related to the instrument in the method part.

PLEASE, REMOVE “The BMI was calculated by measuring weight and heigh” FROM INSTRUMENTATION AND DATA COLLECTION

5. The sentence is corrected as recommended.

OK

6. Concerned reference was in Turkish, so we prefer to refer to an international one and updated the data with this reference. The Turkish reference was replaced by “Prevalence of hot flushes and night sweats around the world: a systematic review”. And the sentence with semicolon is rewritten for better understanding.
OK

**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.

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