Reviewer's report

Title: Association of physical activity with blood pressure and blood glucose among Malaysian adults: a population-based study

Version: 4  Date: 21 July 2015

Reviewer: Carlos Rodriguez

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In my opinion, most of the comments from Dr. Sampral’s review were addressed:
1. abstract conclusion should be more directly related to the results; issues of misclassification bias deserve to be in the text discussion
2. missingness was not mentioned in the text; although mentioned in the author cover letter, the same statement made should be in the methods/data analysis
3. nondifferential missclass would bias results towards the null; but the issue was not that they got a null effect but was that they got an effect in the wrong direction; only differential misclass could be at play; where either hypertensives were differentially missclass as having high PA or those with low PA were differentially misclass as nonhypertensives

Some additional comments, I noted:
1. the term MLR is not defined
2. is there any information on BP treatment as treatment may bias
3. multivar analysis should be redone using blood glucose and sbp as continuous vars (overall and stratified by diagnosed and undiagnosed); a dose response would be observed there
4. they don’t mention the MLR association of PA with overall HTN (diagnosed and undiagnosed)
5. only stratified analysis of linear regression models are presented