Reviewer's report

Title: Association between serum uric acid levels and cardiovascular risk among university workers from the State of Mexico: a nested case-control study

Version: 3 Date: 4 March 2013

Reviewer: Sanaz Sedaghat

Reviewer's report:

Discretionary Revisions:

Authors addressed most of the concerns raised about the paper, however I have some suggestions.

1. Concerning point 3 (adjusting for BMI) authors changed the text in discussion, and abstract. I would suggest performing stratified analyses for 2 categories of BMI and checking the interaction term. It seems that the significant interaction for physical inactivity (which I assume is not adjusted for BMI) is actually the effect of BMI.

2. I would suggest trying to shorten the discussion and organize the arguments. For instance, Paragraph 4 and 5 of the discussion are about BMI and its role in development of hypertension and the mechanism of its effect. Is it possible to combine them and concisely present it in one paragraph? The same holds for paragraph 6 and 7.

3. If the table with interaction terms is not included in the supplementary data, Please add the p-value for interaction to Figure 2, so readers can see which interactions were significant.

Level of interest: An article of importance in its field

Quality of written English: Acceptable

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

Declaration of competing interests:

I have no conflict of interest.