Reviewer's report

Title: Prevalence of metabolic syndrome in Murcia Region, a southern European Mediterranean area with low cardiovascular risk and high obesity

Version: 2 Date: 18 May 2011

Reviewer: Alaa Alkerwi

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Minor Essential Revisions

The authors have answered most of our points and improved remarkably the quality of the manuscript. However, after the full acceptance of track changes, it is important to revise again the full written text, to avoid inappropriate sentences.

In addition, in figure 2, it is important that the authors precise the variable used for the comparison (obese versus non-obese) or (with central obesity versus without central obesity)? In the text of the results and discussion, the authors applied the term “obese persons” which can be defined as those having BMI >30, but in the graph, they applied “central obesity” which is based on the WC measurement. Please clarify and correct accordingly.

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'