Reviewer's report

Title: Obesity, metabolic syndrome, impaired fasting glucose and microvascular dysfunction: a principal component analysis approach

Version: 3 Date: 11 September 2012

Reviewer: Keiran Mather

Reviewer's report:

Although the authors have been surprisingly resistant to efforts to help improve the paper from reviewers, this paper is acceptable in content overall. I find that the Figures 1 and 3 are literally tautological (plotting parameter that includes A against groups of A) and strongly suggest these be withdrawn. Figure 2 is not supportive of the overall thesis of the document and the authors may choose to withdraw also. This would not be a big loss, the main results are in the table depicting PC components in any case.

Despite the authors reporting that this version has been assisted by a native English speaker it remains very difficult to read, with strange use of vocabulary and prepositions. The sentence structure leaves a lot unclear also, which is not the result of writing in a non-native language but could still be improved.

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Needs some language corrections before being published

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