Reviewer’s report

Title: Gender differences in Greek centenarians. A cross-sectional nation-wide study, examining multiple socio-demographic and personality factors and health locus of control.

Version: 2 Date: 20 October 2011

Reviewer: Jennifer Margrett

Reviewer’s report:

Gender differences in Greek centenarians: A cross-sectional nation-wide study, examining multiple socio-demographic and personality factors and health locus of control

1. Is the question posed by the authors well defined? Yes
2. Are the methods appropriate and well described? Yes
3. Are the data sound? Yes
4. Does the manuscript adhere to the relevant standards for reporting and data deposition? Yes
5. Are the discussion and conclusions well balanced and adequately supported by the data? Yes
6. Are limitations of the work clearly stated? Yes
7. Do the authors clearly acknowledge any work upon which they are building, both published and unpublished? Yes
8. Do the title and abstract accurately convey what has been found? Yes
9. Is the writing acceptable? Yes

• Minor Essential Revisions (such as missing labels on figures, or the wrong use of a term, which the author can be trusted to correct)
  o Table 1: relabel “illiterate/literate” per text and response letter

• Major Compulsory Revisions (which the author must respond to before a decision on publication can be reached)
  o Report the percentage of missing data. If substantial, could values be imputed (e.g., one item was missing from a scale)?
  o Given the correlational nature of the study, causal language should be avoided (e.g., Conclusions: use of the word “determinants”).

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.