Reviewer’s report

Title: Influence of advanced age of maternal grandmothers on Down syndrome

Version: 2 Date: 10 May 2005

Reviewer: Mathias Forrester

Reviewer’s report:

General

This manuscript reports that mothers of infants with Down syndrome are more likely to themselves have been born to mothers (maternal granmothers of the Down syndrome infant) of advanced maternal age. The authors have generally addressed my comments to the original version of the manuscript to my satisfaction.

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Major Compulsory Revisions (that the author must respond to before a decision on publication can be reached)

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Minor Essential Revisions (such as missing labels on figures, or the wrong use of a term, which the author can be trusted to correct)

The results section of the Abstract is somewhat unclear. It would be helpful if the section were revised to more closely reflect what was stated in the Results section in the second paragraph on page 8. In addition, since the conclusions in the Abstract state that the results of the analysis were statistically significant, the information on statistical significance should be included in the results section of the Abstract.

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Discretionary Revisions (which the author can choose to ignore)

What next?: Accept after minor essential revisions

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

Declaration of competing interests:

I declare that I have no competing interests.