Reviewer's report

Title: Improvement and decline of cognitive function in schizophrenia over one year: a longitudinal investigation using latent growth modelling.

Version: 2 Date: 22 March 2007

Reviewer: Deborah Finkel

Reviewer's report:

General
The authors have completed a latent growth curve analysis of cognitive functioning in a sample of 48 participants in controlled trials of antipsychotic medication to determine the short-term effects of medication on cognitive functioning. Their description of the relevant issues and the explanation provided for application of growth curve models to the data are appropriate. The authors have addressed concerns about assumptions of the LGM.

-----------------------------------------------

Major Compulsory Revisions (that the author must respond to before a decision on publication can be reached)
None.

-----------------------------------------------

Minor Essential Revisions (such as missing labels on figures, or the wrong use of a term, which the author can be trusted to correct)
None.

-----------------------------------------------

Discretionary Revisions (which the author can choose to ignore)
None.

What next?: Accept without revision

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 declare that I have no competing interests.