Reviewer’s report

Title: Selecting Optimal Screening Items for Delirium: An Application of Item Response Theory

Version: 3 Date: 15 November 2012

Reviewer: Joel Coste

Reviewer’s report:

The authors have taken aboard my comments except the one regarding complementarity of IRT methods and factorial analyses. I found their response interesting (albeit partial) and suggest they insert it (with appropriate references) in their text.

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:

No competing interest