Reviewer's report

Title: Dimensionality and predictive validity of the HAM-Nat, a test of natural sciences for medical school admission

Version: 2 Date: 17 September 2011

Reviewer: Konrad Pesudovs

Reviewer's report:

In my original review I expressed 1 major concern - that factor analysis should not be performed before Rasch analysis. I find the authors response completely unconvincing.

While unimportant, I still dont understand how an entrance test could improve course completion form 23% to 92%. No medical program could survive with a 23% completion rate. This is some sort of rubbery figure. How is the 23% derived?

Level of interest: An article of importance in its field

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'