Reviewer's report

Title: Medical students: what educational resources are they using?

Version: 2 Date: 23 Jul 2018

Reviewer: Jimmie Leppink

Reviewer's report:

Although the manuscript addresses a relevant topic, I do see a rather major issue with the analytic approach that needs revision. It seems that t-tests have been performed on separate survey items. However, we learn little to nothing about the intercorrelation of items in the survey, and that intercorrelation is likely to be quite substantial at least for groups of items. Was any kind of factor analysis considered? Although Cronbach's alpha is reported for one group of items, Cronbach's alpha assumes that the items over which it is calculated measure the same thing to the same extent. Cronbach's alpha is quite a flawed estimator of reliability and McDonald's omega has been identified as a more appropriate alternative, and factor analytic evidence is needed first of all. Factor analysis will shed more light on which items can be grouped together, and that will likely result in a revision of the t-tests and correlations now reported by the authors.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

No

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

No

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

No

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
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I am able to assess the statistics
Quality of written English
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Acceptable

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