Reviewer’s report

Title: Improving students' learning environment by DREEM: An educational experiment in an Iranian medical sciences university (2011-2016).

Version: 0 Date: 07 Feb 2019

Reviewer: Blossom Yen-Ju Lin

Reviewer's report:

It is important to figure out how the perception of educational environment among undergraduate students through their learning life. However, there are several parts missing in this manuscript:

1. What are the innovations or educational implications the authors wish to raise? I could see the authors have made efforts for two cross-sectional surveys and so what for the next steps? Or what were the problems driving the authors' efforts for these two surveys? The authors might need to propose the research questions first and let the readers know the reasons or values these two surveys could be done for.

2. The 50 question items of DREEM were used in this study and how the authors deal with those constructs behind these 50 items? What was the 50 items of DREEM's validity and reliability in Iran? In addition, could any multivariate analyses have been performed for this study? I thought it might depend on how the authors could have clarified research questions first.

3. Until the parts I mentioned above could be answered, this manuscript will be a "research paper" suitable for this journal to get published.

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?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I am able to assess the statistics

Quality of written English
Please indicate the quality of language in the manuscript:

Acceptable

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