

Reviewer's report

Title: Environmental exposures and their genetic or environmental contribution to depression and fatigue: a twin study in Sri Lanka

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Reviewer: Yoon-Mi M Hur

Reviewer's report:

1. Table 1 does not seem to be an appropriate place to put correlations among environmental exposures. This should be moved to the discussion section and discussed very briefly. Early school leaving and current standard of living are significantly correlated with each other, and are both significant environmental risk factors. It maybe that early school leaving or current poor standard of living itself, extreme poverty is an environmental risk factor for depression.

2. The participation rate (91.7%) seems impressive. Are the subjects paid for their participation in study? If so, the authors should mention this briefly.

3. The authors did not test GE interaction model mainly because authors believed that the sample did not have enough statistical power, especially given that the measures were categorical. N of about 2000 pairs is not a small sample. Given that the literature already demonstrated significance of the GE interaction in depression, I hope that the authors test the GE interaction model and discuss the results.

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.