Reviewer's report

Title: Sample Size Determination for Mediation Analysis of Longitudinal Data

Version: 1 Date: 16 Oct 2017

Reviewer: Lijuan Peggy Wang

Reviewer's report:

I was Reviewer 1. The authors have addressed most of my reviews adequately. However, I still have a comment for the authors to consider. I still think the method that the authors used to calculate ICC would yield different values from those of the empty model. In the empty models, there are no level-1 or level-2 predictors. In the current model for ICC, there are level-1 predictors. I'd suggest that the authors to compute ICCs from the empty model and compare the values to those from the current model.

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

Yes

Does the work include the necessary controls?
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