Reviewer’s report

Title: Latent class analysis of multimorbidity patterns and associated outcomes in Spanish older adults: A prospective cohort study

Version: 0 Date: 25 Jan 2017

Reviewer: Linlin Li

Reviewer’s report:

This manuscript explored the multi-morbidity patterns and associated outcomes in older adults applying latent class analysis method. Overall, this is a well-done study. I have two comments for consideration.

1. On page 4 line 86-94, it was mentioned that Whitson et al's findings could subject to misclassification errors, as well as some other potential limitations. Authors might need to discuss how they handle with these issues in this study. Any improvements or any advantages to previous studies?

2. Social economic status or family income level could be another important demographic characteristic to be included as a covariate in the analysis.

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

Unable to assess

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

Yes

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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