Reviewer’s report

Title: Predictors of activity involvement in long-term dementia care homes: a cross sectional study

Version: 2 Date: 15 Jun 2017

Reviewer: Katherine Berg

Reviewer's report:

the authors are to be commended for the responses to reviewers.

Thank you for looking at CPS scores in greater detail. Overall, I agree that the basic finding stands that greater cognitive impairment is associated with less activity. It is unfortunate that there appear to be measurement issues associated with CPS scale. there are manuals that provide additional information but generally there is more extensive training that goes with the overall interRAI instruments including several "expertiential" assessments and debriefing for questions. I did not fully understand how the staff would have decided that the persons with dementia were able to make daily decisions on their own. But perhaps they did not allow the residents to make any decisions??

Overall, there is much information that should generate good discussion on the topic of activity levels and quality of care for persons with dementia.

My one remaining comment is to have a good editor go over the manuscript to correct and also tighten up the manuscript.
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.

Yes

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

Yes

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I am able to assess the statistics

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

Needs some language corrections before being published

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