Reviewer’s report

Title: Daily Physical Activity and Related Risk Factors in COPD

Version: 1 Date: 29 Jan 2020

Reviewer: Matthew Armstrong

Reviewer's report:

I'd like to thank the Authors for extensively responding to the comments made in the first review of this manuscript.

I'm happy that the Authors have answered my comments comprehensively, I have two minor comments to make surrounding changes that have been made:

1: In your highlighted text (lines 112-119) you state that you require 16 hours of wear time to include in the analysis, this seems a little excessive? In my earlier comment I suggested that the Author may want to explain that they have analysed data from 08:00 to 22:00, however in the majority of research using daily physical activity a valid day would only require 8 hours of wear time (480 minutes) in order to be valid. I'd be a little shocked if individuals had worn the accelerometer for 16 hours a day for 7 days while "awake".

2: You haven't provided a response to the sample size suggestion, if you feel you don't require the addition of one that is fine!

Thank you again this is a well structured manuscript and will add valuable knowledge to the research of physical activity in clinical populations.

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

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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