Reviewer’s report

Title: A systematic review investigating measurement properties of physiological tests in rugby

Version: 0 Date: 17 Jun 2017

Reviewer: Ben Jones

Reviewer's report:

Overall this is an excellent and well written manuscript. Well done Matthew and co.. - a great addition to the body of knowledge.

My main comment, is please explain what you mean by 'measurement properties' - I was a little confused by this, when trying to understand Stage 2 of your systematic review. Clarification earlier will help the reader, regarding what was specifically included in studies..

Minor comments;

Line 4 page 4; reword 'separated shortly'

Line 9 page 9; revise this paragraph - it is incorrect. You introduce RL and RU. Your reference to professionalism is related to RU not RL, but then you discuss RL in this paragraph. Please revise.

Line 56 page 6 - inaccurate reference to professionalism of 'rugby' (remember RL exist too!)

Line 258 - capital for 'Stage 2'?

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.

Not relevant to this manuscript

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

Acceptable

**Declaration of competing interests**
Please complete a declaration of competing interests, considering the following questions:

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1- No
2- No
3- No
4- No
5- No
6- I work closely with other academics at the University of Cape Town (Dr Sharief Hendricks - who has a visiting position at my university) but I have never worked with / met these authors.

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