Reviewer’s report

Title: How to squat? Effect of various stance widths, foot placement angles and level of experience on knee, hip and trunk motion and loading

Version: 1 Date: 20 Apr 2018

Reviewer: Jim Richards

Reviewer's report:

P8 This could be rephrased

After a warm up phase of five minutes, the participants performed the squats in a randomized order. Each participant, novice (n) and experienced (e), performed a set of five squats in each of the nine different positions (Table 1) without additional weight.

To

After a warm up phase of five minutes, both groups performed a set of five squats in each of the nine different positions (Table 1), in a randomised order.

P11

"Two linear mixed models"

do you mean

"A two factor linear mixed method model was used the explore the two groups and the different foot placement angles and stance width"

P11

A Bonferroni post-hoc test was conducted and adjusted by means of a Bonferroni correction in all aforementioned cases.

Do you mean

A Bonferroni post-hoc test was conducted to adjust the significance level for multiple comparisons.
Results

Were any significant interactions seen between group and foot position? If so please state, if not a simple statement saying no significant interactions were seen is required.

In statements of results please state the direction of the differences rather than just restating the data in tables.

Are the methods appropriate and well described?
If not, please state 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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