Reviewer's report

Title: "Principal Component Analysis of the Relationship Between Pelvic Inclination and Lumbar Lordosis"

Version: 1 Date: 20 Nov 2018

Reviewer: Tomaz Vrtovec

Reviewer's report:

The authors have revised the manuscript, and presented an extensive response to the comments in the first review cycle. The responses are in general adequate, and supported by amendments to the manuscript.

Response to Comment #1: The title has been changed, however, the current version does not reflect the contents, as a different one would be expected under the term "biomechanical study". I would again advise the authors to use "surface topography" and/or "principal component analysis" in their title.

Response to Comment #4: I agree that previous authors have come to the conclusion that surface topography is be reliable. However, since the results provided by the authors are quite contradictory from the perspective that, as they report in the Conclusion, "exists research evidence both supporting and refuting this relationship", it would be expected that they would test the repeatability, reproducibility and accuracy of the specific surface topography experiments they chose to perform on the specific group of subjects they chose to observe. Only by doing so they these factors can be eliminated, giving more weight to the presented conclusions.

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