Reviewer’s report

Title: Do the disc degeneration and osteophyte contribute to the curve rigidity of degenerative scoliosis?

Version: 0 Date: 21 Nov 2016

Reviewer: Sabrina Donzelli

Reviewer's report:

This is an interesting research, adult degenerative scoliosis, the current study try to fill some of the gaps of the field of degenerative scoliosis.

I have only few suggestions to improve the paper before publication: in the methods section I would add an image of the measured discs angles. In the paragraph statistics it is necessary to explain why you choose a non parametric test for correlation. In addition please explain how you define a correlation as strong or weak. In the results section it would be better to add a summary table with all demographic data, and also in the results it is not clear how you define a correlation of 0.4 or 0.5 as strong.

Line 12 to 14 in the results section: the sentence is not clear please reword.

In the discussion from line 22 to line 23 the sentence is not clear to me, please reword it; I mean what do you mean by saying that the correlation was not necessarily linear or strong?

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:

Needs some language corrections before being published

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