Reviewer's report

Title: "Tweaking" the IOR foot protocol to improve the diagnosis of pes-planus: application to the kinematics of feet in a 13 years old population

Version: 3 Date: 27 October 2014

Reviewer: Dominic Thewlis

Reviewer's report:

The authors have done a good job addressing my original comments. I have a few minor comments that require some attention.

Major Compulsory Revisions
None

Minor Essential Revisions
Line 105. Please amend from "... mostly know as..." to "...commonly known as..."
Line 117. Please amend the units from Kg to kg. Also, please report this as body mass and not weight.

General. The authors state that the tweaks to the model will improve the validity relative to clinical measures. I could not see any direct comparison made in the manuscript. I wonder if the authors could add this as it would strengthen the work.

Discretionary Revisions
None

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:
None