Reviewer’s report

Title: Comparative analysis of slot dimension in lingual bracket systems

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Reviewer: Sarah Hepburn

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The paper of Demling et al. deals with the slot dimensions of different lingual bracket systems. Torque play is well known in the labial technique but lingual appliances are not well studied yet.

In general, the manuscript is well written, concise and complete. The statistics are appropriate, the literature review accurate and the discussion thorough.

However, looking at the results the mean values of measured slot size (in inch) are differing only after the 4th position after the decimal point. The average reader could assume that there are no valuable/clinical differences. I would propose to use mm (SI-unit), inch in braces and to add minimum and maximum values as well, so that the reader will be aware of the whole range.

Figure 4 clarifies the situation but by reading the abstract only (and this is what the most readers do) the mean values are blurring the real differences.

Level of interest: An article of importance in its field

Quality of written English: Acceptable

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

Declaration of competing interests:

I declare that I have no competing interests.