Reviewer’s report

Title: Accuracy and Consistency of Weights Provided by Home Bathroom Scales
Working Title: Home Bathroom Scales

Version: 1 Date: 30 September 2013

Reviewer: Melissa Olfert

Reviewer’s report:

No Major Compulsory Revisions

Minor Essential Revisions
1. line 37 - Abstract - no mention of floor surface results
2. line 84 - Although mentioned in line 55 and eluded to again in line 74 there is not mention of self-reported height challenges. This research did not strive to evaluate this but yet it does focus on BMI which self-reported weight is only part of the equation. Further this again will need to be addressed in the discussion as a possible next step...
3. line 206 - Elaborate on 'training' of research participants which is the take home message the reader will gain other than recommending digital scales.

Discretionary Revisions
1. line 95 & line 130 - One has to question the role of moisture, steam, water that creates rust if we are looking at the environment of which a home bathroom monitor lives.
2. line 141 - It does seem reasonable and necessary to ask research participants to calibrate their scale as they participate. Is there evidence that this is done and done well?
3. line 174 - It may not be possible to further elaborate on 'human error'.
4. line 189 - is there an age recommendation and possible reference to guide this technique?

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: Yes, and I have assessed the statistics in my report.

Declaration of competing interests:
I declare that I have no competing interests.