Reviewer's report

Title: Magnesium Deficiency: Effect on Bone Mineral Density in the Mouse Appendicular Skeleton

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Reviewer: Guy A. Howard

Level of interest: A paper whose findings are important to those with closely related research interests

Advice on publication: Accept after discretionary revisions

The authors have done a credible job of considering the reviewers' comments and of revising their manuscript accordingly. Two additional comments that should be considered are as follows:

1. Page 6, paragraph 2, line 2: It is written as "...(BMD, mg/cc3)..." I believe that the correct units should be "...(BMD, mg/cm3)..."

2. It would be useful if the authors would put the statistical comparisons (i.e., p values) in the legend to Table 1 by using superscripts as is the usual convention. They could still leave the actual discussion of the differences noted in the Discussion section of the manuscript. This change would make it easier for the reader to appreciate any differences between the values presented in the table.

Competing interests:

None declared.