Reviewer’s report

Title: Geographic variation and factors associated with rates of knee arthroplasty in Korea—a population based ecological study

Version: 1 Date: 09 Jul 2019

Reviewer: Jörg Lützner

Reviewer's report:

This is Revision 1. The authors have extensively responded to all reviewer comments and included some of the suggestions in the manuscript. Several suggestions have not been included because the data is not available. Limitations are well described. Despite its limitations the manuscript is worth being published.

Some minor comments:

Table 1: You should explain the numbers in this table in detail as it is confusing now. It seems for example that in the age Group <40 82 males/100.000 and 198 females/100.000 received KA. The total should be between both numbers and not higher? Furthermore it seems that Overall more males get KA than females, is this correct?
P12 L17 wht do mean with "higher siden"?

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 recommend additional statistical review
Quality of written English
Please indicate the quality of language in the manuscript:

Acceptable

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