**Reviewer’s report**

**Title:** The Relationship between Vitamin D and Risk of Atrial Fibrillation: A Dose-response Analysis of Observational Studies

**Version:** 0  **Date:** 06 Aug 2019

**Reviewer:** Hellen A Oketch-Rabah

**Reviewer's report:**

The study was well thought out, well designed and well executed and the article clearly written with clear discussion of the findings including propositions of possible explanations/substantiations for the findings.

My one observation is that the significant heterogeneity observed in older individuals and not in younger individuals could have contributed to the observed differences in the findings related to effects of vitamin D deficiency in the two groups.

How did the authors deal with or account for heterogeneity?

In my opinion this article is good for publication as is, with a few edits.

**Level of interest**
Please indicate how interesting you found the manuscript:

An article whose findings are important to those with closely related research interests

**Quality of written English**
Please indicate the quality of language in the manuscript:

Acceptable

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