Reviewer’s report

Title: Prevalence, incidence, and risk factors of primary open-angle glaucoma - a cohort study based on longitudinal data from a German public health insurance

Version: 2 Date: 05 Apr 2019

Reviewer: Alex Black

Reviewer's report:

In this second revised manuscript, the authors present data from a large random cohort of German health insurance provider, examining the prevalence, incidence and potential risk factors for primary open-angle glaucoma.

The authors have adequately addressed the issues raised in the previous reviews, and the findings of the study are appropriately presented, reported and discussed.

A few minor comments below will help improve a few aspects of the manuscript.

L107 - Expand POAG abbreviation, as first use. Also need to include a comment that POAG is the most frequent form of glaucoma, and hence the focus on this in the present study, using Ref 1.

L109 - Include references to these small sample size studies.

L116 - This last sentence needs to be placed just before the risk factors are discussed. Currently, the prevalence and incidence rates follow in the next paragraph.

L119 - Reference for Kapetanakis needs to be included here, rather than several sentences away.

Table 1 - Need to include refs for each of the studies. Please check spelling - Friedmann incorrect.

Table 2 - Also include the n value on the table for completeness.

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 am able to assess the statistics

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

Acceptable

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