Reviewer’s report

Title: New ways of estimating excess mortality of chronic diseases from aggregated data: Insights from the illness-death model

Version: 0 Date: 01 May 2019

Reviewer: Bright Addo

Reviewer's report:

Overall, this is a well written paper. The findings are novel and relevant considering the fact that the methodological approach arrived at will be useful in the estimation of excess mortality of a chronic condition from aggregated age-specific incidence and prevalence data. That said, authors should note the following comments that relate to the various sections of the manuscript submitted for review.

Background

The Background section is well written, with the rationale for the conduct of the analysis stated clearly.

Methods

The methods section is succinct with the needed information to understand the approaches involved in the analysis well presented. Authors should however take note of this comment and consider rectifying it:

Page 8, Line 148, citation [13] is not appropriately presented. Authors should mention name(s) of authors of the citation.

Results

Result are well presented.

Discussion

The results are well discussed with the limitations of the methods well articulated. Overall, the section is well written.
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.

No

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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