Reviewer’s report

Title: Mortality in persons with undetected and diagnosed hypertension, type 2 diabetes, and hypothyroidism, compared with persons without corresponding disease. A prospective cohort study: The HUNT Study, Norway

Version: 0 Date: 09 Aug 2017

Reviewer: Thomas Frese

Reviewer's report:

Thank you very much for the opportunity to review this manuscript. The topic is of relevance and the text is well written.

During reading the manuscript some questions which should be addressed in a revised version arose:

- In the manuscript the term "undetected" is early used, despite it belongs to the methodology section I would suggest to introduce it earlier, readers may benefit from understanding very early what "undetected" means.

- Think about shortening the introduction

- I would not name the "healthy" group heathy, they got no DM2, no hypothyroidism, no hypertension

- Maybe you could consider also to rephrase the term "undetected" since you the detected that the patient likely (how precise are the chosen methods?) has the respective disease but it was not yet diagnosed by a physician in routine care

- Methods and results a clearly described

- Discussion is well structured and literature referred to is actual and properly selected

- With regard to line 327 I'm in doubt whether your assumption is correct: It seems unlikely to me that a patient reports to have a disease if he has not, but more likely that a patient does not report to have a certain disease but has it indeed (he may forget it, he me not be aware of it in the moment, he may not be aware because it is not relevant in the consultations). Please consider to revise your statement.
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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