Reviewer's report

Title: Is resistant hypertension an independent predictor of all-cause mortality in individuals with type 2 diabetes? A prospective cohort study

Version: 1 Date: 19 Mar 2019

Reviewer: Marguerite Irvin

Reviewer's report:

The authors have satisfactorily responded to the earlier feedback. However, there are few points which if clarified in the manuscript will be helpful in affirmation of what the authors described in detail:

1. Based on response to point #2, the three specific points that can be addressed are:

   a. It seems the primary interest of the authors was to determine the association of resistant hypertension with mortality compared to controlled hypertension after adjusting for the factors. However, the authors do not mention this primary hypothesis in the introduction or the statistical plan. The last sentence in the introduction: "The present analysis aimed at …" do not specify the reference population group.

   b. It will be helpful if the authors update the statistical plan as mentioned in the point "However, as the latter was the primary objective of our study, we have now compared all the other hypertensive phenotypes and the normotensive group with the RHT (orCRHT) category as reference".

   c. While the change in analytical plan simplified between group comparisons, the interpretation that the resistant hypertension did not predict death may not be appropriate considering the resistant hypertension is the reference group.

2. Response to minor comments Methods # point 2, the points of concern are:

   a. "Anti-platelet therapy did not enter the models (???), whereas anti-coagulant treatment did; in model 3, the HR was 1.49 (95% CI 1.33-1.67, P<0.0001)". Did the authors select the covariates prior, or some selection method was used?

   b. In spite of final model not being significant, inclusion of these factors seem important especially with increased hazards for mortality.
3. Response to major comment #7, the point of concern is:
   a. The author's response is not clearly reflected in the manuscript. The authors should add precise comments similar to their response in the main manuscript.

**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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