Author's response to reviews

Title: Evaluation of IScore Validity in a Greek Cohort of Patients with type 2 Diabetes

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Author's response to reviews: see over
I hereby submit the revised manuscript (Manuscript number: 4332590409763916) entitled ‘Evaluation of IScore validity in a Greek cohort of patients with type 2 Diabetes’ for publication in BMC Neurology.

I certify that none of the material in this manuscript has been previously published in any form and that none of the material is currently under consideration for publication elsewhere.

All authors have agreed with the contents of the submitted paper.

I also declare that with the submission of the manuscript, the authors have complied with the institutional policies of the institutional review board, and all patients provided written informed consent. The study conformed to the ethical guidelines of the 1975 Declaration of Helsinki, institutional policies governing the humane and ethical treatment of the experimental animals.

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Yours faithfully,

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Evaluation of IScore Validity in a Greek Cohort of Patients with type 2 Diabetes

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POINT-BY-POINT RESPONSE TO THE REVIEWERS COMMENTS
**Recommendations of Reviewer 1 (Only Minor Comments):**

**Recommendation 1.** I would suggest avoiding the terms with a negative connotation (eg. Diabetics). Patients with diabetes would be preferable.

**Response:** The title of the article has been changed in order to avoid negative connotation. In addition, the term ‘diabetics’ has been changed throughout the text including the abstract.

**Recommendation 2.** A recent study comparing tPA response between patients with and without diabetes can also be referenced.

**Response:** This recent study has been added in the text and referenced. Page 8, lines 6-8. Reference 25.

**Recommendation 3.** Table 1 would suggest adding an extra column for the entire cohort. Also include categories for age (eg. <65, 66-80, 80+).

**Response:** An extra column for the entire cohort has been added to the Table 1. Also, the categories for age (<65, 66-80, 80>) have been presented in Table 2 and also page 7, lines 1-2.

**Recommendations of Reviewer 2:**

**Recommendation 1.** The article would benefit by some discussion of potential pitfalls of the approach used to analyze data.

**Response:** A paragraph has been added towards the end of the discussion. Page 10, 2nd paragraph “The main weakness of the present study...”.

**Recommendation 2.** Would data from non-caucasian populations be expected to conform (or not) to the present findings.

**Response:** A paragraph discussing non-caucasian populations has been added in discussion. Page 9, last paragraph and page 10 first paragraph “Race and ethnicity influence...”.

**Recommendation 3:** Would an accurate 30 day- 1 year prediction affect long term outcome of stroke patients (diabetic or not).
Response: A paragraph has been added on how the 30 day and 1 year prediction affect long term outcome of stroke patients. Page 8, 2nd paragraph “The development and broad application of a predictive tool...”.

Recommendation 4: Statistical Review: Yes, but I do not feel adequately qualified to assess the statistics.

Response: The statistics in this study were performed by a professional statistician.

Editorial requirement:

1: Please include the name of the ethics committee that approved the study in the ethics statement in your manuscript.

Response: The name of the ethics committee that approved the study is given in Methods Section. Page 5, line 1.