Reviewer’s report

Title: Forecasting future prevalence of type 2 diabetes mellitus in Syria.

Version: 2 Date: 10 January 2013

Reviewer: Abdulbari Bener

Reviewer’s report:

Manuscript ID:
Title: Forecasting future prevalence of type 2 diabetes mellitus in Syria
Journal: BMC Public health
Subject: Review

Overall comments: The research question is interesting and important for public health implications. The research paper provides important evidence to fill the knowledge gap related to the burden of T2DM in Syria. The paper is succinct with sound methodology, appropriate statistical analysis and literature review however there are few deficiencies which need to be addressed before acceptance of this manuscript:

1. Language: The paper needs language correction and therefore it is advised to be reviewed by a native English speaker.

2. Methods: The authors have reported that they have used IMPACT diabetes forecast model and have adopted a Markov approach for estimation of number of diabetes patients and related mortalities however the given details are insufficient. It is advised to provide some more details about the model and Markov approach and related assumptions which were used in this study. Overall the methods sections can be more elaborated to provide all essential details.

3. Discussion: Para 1, “Controlling and treating type 2 diabetes …are very rare [1]” this text is relevant to the rationale of this study. Therefore, it needs to be removed from discussion and can be adjusted somewhere in the background section.

Level of interest: An article of importance in its field

Quality of written English: Needs some language corrections before being published

Statistical review: Yes, and I have assessed the statistics in my report.

Declaration of competing interests:

'I declare that I have no competing interests'