Reviewer’s report

Title: Economic evaluation of Type 2 Diabetes Prevention Programmes: Markov model of low- and high-intensity lifestyle programmes and metformin in participants with different categories of intermediate hyperglycaemia

Version: 1 Date: 20 Nov 2017

Reviewer: Maria Dolores Roselló

Reviewer's report:

Economic evaluation of Type 2 Diabetes Prevention Programmes: Markov model of low- and high-intensity lifestyle programmes and metformin in participants with different categories of intermediate hyperglycaemia is a very good contribution that have been improved by the excellent review due to reviewers 1 and 2.

In particular, including uncertainty in model suggested by reviewer 1 deals to more realistic results and conclusions.

Regarding to reviewer 2, authors have answered and clarified all the questions proposed in points 2-6: Diagnostic criteria used in model; Time horizon of the model and intervention effect; Relative risks associated with metformin, Table of relative risk reduction and absolute incidence and Minor comments. Both the main article and the supplementary material have been improved. I would like comment item 1: Overlap of IFG/IGT/HbA1c. I agree with reviewer 2 and authors about overlap of IFG, IGT and HbA1c. In Table 1 it is specified this overlap. It could be a problem if IGT, IFC and HbA1c were states of the Markov chain, but this is not the case. The analysis made by the authors is correct. In a future work, joint distribution functions could be included for analysis. This treatment requires and adequate parameter estimation.


Minor comment:

Figure 1.- In State 1, replace 'Gluose' by 'Glucose'. 
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

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I am able to assess the statistics

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