Reviewer's report

Title: Effects of Self-Care, Self-Efficacy, Social Support on Glycemic Control in Adults with Type 2 Diabetes

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Reviewer: Kazuhiro Yoshiuchi

Reviewer's report:

The authors tried to investigate the effects of self-care, self-efficacy, and social support on glycemic control in patients with type 2 diabetes using a path analysis. The topic itself seems interesting. However, there are some issues to be handled in the current manuscript.

Major Compulsory Revisions:

#1 More than half of the participants were equal to or over 60 years. Considering that the aim of the present study was to investigate the effects of psychosocial factors on glycemic control and to develop efficient intervention for patients with type 2 diabetes, the participants were too old. In addition, 70% of the participants already had some complications.

#2 The definition of "complications" in Table 2 should be described.

#3 According to Table 2, duration of diabetes seems to have association with HbA1c. Therefore, duration should be included in the model of the path analysis.

#4 According to Table 2, participants with complications significantly had higher PPC score than those without complications. How was the interpretation of the result?

Level of interest: An article of limited interest

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

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

Declaration of competing interests:

I declare that I have no competing interests.