Reviewer’s report

Title: Individual and healthcare system factors influencing antenatal care attendance in Saudi Arabia

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Reviewer: Hung-Hui Chen

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BMC Health Services Research
Manuscript Number: BHSR-D-19-01891
Manuscript Title: Clinical facilities and staff communication skills influence care attendance in Saudi Arabia

The reviewer's comments:
The authors intended to investigate the factors associated with missing antenatal care in Saudi Arabia at individual and healthcare systems levels. Although the study objectives and findings are interesting, there are still many missing details to be filled in this manuscript. Overall, I recommend that this manuscript requires major revision before resubmission.

1. The number of mother recruited for this study should be indicated in the method section of the abstract.
2. The authors should provide more details regarding the standard suggestion or subsidy for frequency and timing before delivery in Saudi Arabic of the "ANC attendance."
3. Table 1: The authors should present this table in 3 columns (those with missing vs those without missing appointment, and an overall column). You should also incorporate the sample number (N=242) in the table title; indicate the numbers of missing data beneath the table as in educational level (n=241), marital status (n=100?), and household income (n=238) variables; or shown as "No data" as the authors have done for "age group"; and present additional information of the chi-squared results (including n (%) information) between socio-demographics and attendance.
4. Remove Tables 3 and 4 from the manuscript. Tables 3 and 4 are important results of this study. They should be included and discussed in the result sections, and the inclusion of tables 3 and 4 are redundant information.
5. Indicate the results of t-test between "barriers for attendance, staff attitude and communication, health literacy, and health beliefs" and attendance (miss or not, delay or not, planed attendance) in the tables.
6. The authors should also perform multiple logistic regression to investigate the factors associated with missing antenatal care.

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.

Unable to assess
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:

Needs some language corrections before being published

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