
Acknowledgement of Submission (#JKMU-2005-2304)

1 message

Journal of Kerman University of Medical Sciences <jkmu@kmu.ac.ir>
To: solikhah@ikm.uad.ac.id, solikhah010277@gmail.com
Cc: jkmu@kmu.ac.ir

Thu, May 21, 2020 at 9:10 PM

Manuscript ID: JKMU-2005-2304

Manuscript Title: **Smoking habit, stress and physical activity in relation to diabetes mellitus: a nationwide study in Indonesia.**

Authors: Nur Aini Purwaningsih, Solikhah Solikhah

Dear **Dr. Solikhah Solikhah**

I wish to acknowledge receiving the of the above mentioned manuscript.

It should be noted that the manuscript will be reviewed for possible publication in the Scientific Journals Management System.

Please be sure that the submitted manuscript has not been published previously and will not be submitted elsewhere prior to our decision.

Our editorial decision will be brought to your attention once the paper has been reviewed due the referees consideration.

I wish to take this opportunity to thank you for sharing your work with us.

Truly yours,

Executive managing Editor of **Journal of Kerman University of Medical Sciences**

Manuscript Needs Major Revision (#JKMU-2005-2304 (R1))

1 message

Journal of Kerman University of Medical Sciences <jkmu@kmu.ac.ir>
To: solikhah@ikm.uad.ac.id, solikhah010277@gmail.com

Sat, Aug 1, 2020 at 1:57 PM

Manuscript ID: JKMU-2005-2304

Manuscript Title: **Smoking habit, stress and physical activity in relation to diabetes mellitus: a nationwide study in Indonesia.**

Authors: Nur Aini Purwaningsih, Solikhah Solikhah

Dear **Dr. Solikhah Solikhah**

Your manuscript has obtained major revisions. In this case we normally treat it as unacceptable for publication. However, as numerous editorial errors have pointed out by the reviewers, the **Journal of Kerman University of Medical Sciences** editor believes that the manuscript could be rectified and prepare for possible publication.

Please assign your corrections with a colored font in the text and send response to reviewer in a separate file.

Please let us know your views in this regard and in the case of positive response, reply us within 14 days time.

Truly yours,

Editorial Office of **Journal of Kerman University of Medical Sciences**

Reviewers Recommendation:

Reviewer 1:

Reviewer Comment For Author:

Dear authors

The sampling procedure needs much more explanations. How strata were defined? how households within strata were selected? how eligible individual within household was selected? what happened in the case of non-response?

why smoking status was not categorised as current, former, never?

It is not clear how stress variable was measured. I assume the summation of some questions was calculated and then this derived variable was categorised into 5 levels. please explain with all details

Measurement of physical activity is not clear as well. Is there any reference for this categorisation?

Result section is very poor. please provide descriptive statistics for independent variables and outcome at the beginning. In table 1, add columns and describe the distribution of variables for diabetes/ non-diabetes groups as well.

what was the prevalence of diabetes in this study?

In table 2, adjusted OR for physical activity (low group) includes 1 but effect was assumed as being significant !!

Manuscript Evaluation Form:

http://jkmu.kmu.ac.ir/author?__au=ml2l_cX_mzWNYji8dwp9EBUmGoH1HKWpV

oz2VgmHhQHzyjCCW55UwlpHC27pz8z

Reviewer 2:

Manuscript Evaluation Form:

http://jkmu.kmu.ac.ir/author?__au=r5CTObAstbQvhl0tjvdnMuF.B8Oe51BCdORJfm78lJsWMRosElbbPB4Tj4Nqggc6

Reviewer 3:

Reviewer Comment For Author:

Dear Authors

There are some errors in matching the text with tables, for instance in both results and abstract "9,154 (75.59%) were 45 years old " but they were greater than 45 years old. Also, the odd ratios need more interpretations. Another problem which is missed is the history of disease of patients, please explain how to control other variables when you focus on three main response variables.

Manuscript Evaluation Form:

http://jkmu.kmu.ac.ir/author?__au=sGWys0RHIB2lz72cEo5w0uQleJPoAp6aYbaGil6lbnl919vxeGF42q9VUmXR6ToO

Responses to reviewers' comments

Manuscript ID: JKMU-2005-2304

Title: Smoking habits, stress and physical activity in relation to diabetes mellitus: a nationwide study in Indonesia.

Dear Editor- **Journal of Kerman University of Medical Sciences**

We'd like to send responses to the reviewer's comments for our manuscript. We completed with revised manuscript that uploaded a version of our manuscript highlighting any revisions made.

Reviewer report #1:

Dear authors

The sampling procedure needs much more explanations. How strata were defined? how households within strata were selected? how eligible individual within household was selected? what happened in the case of non-response?

Author responses #1:

Thank you for your suggestion. Our study used the data in the longitudinal household survey conducting in Indonesia, namely the Indonesian Family Life Survey (IFLS). Its survey has been carried out over several years such as 1993/1994 (IFLS1), 1998/1999 (IFLS2), 2000/2001 (IFLS3), 2007/2008 (IFLS4), and 2014/2015 (IFLS5). We used data in wave 5 (IFLS5). Participants in this study were carried out using stratified random sampling where strata were based on the province - locality (rural/urban) combination. These combinations sufficiently described the spectrum of culture and socioeconomic diversity among Indonesian. For cost-efficiency, 13 of 27 provinces were selected containing 83% of the population, namely: North Sumatera, West Sumatera, South Sumatera, Lampung, DKI Jakarta, West Java, DI Yogyakarta, East Java, Bali, West Nusa Tenggara, South Kalimantan, and South Sulawesi. Then, the household was randomly collected until the data collection was completed by chosen enumeration areas (EAs) per each province. Four family members of participants from each selected household were selected until the data collection was completed, as interviewing all members of the household would be a high cost. This study met the

following inclusion criteria were included: participants aged ≥ 18 years old and had completed the questionnaire regarding studied variables. Participants relocated to another province and have difficulties in tracking, including passed away, and incomplete data regarding the study variable were excluded. The study protocol was approved by the Universitas Ahmad Dahlan's Ethics Committee for Human Research (011907070). Our revised manuscript has uploaded with highlight.

Reviewer report #1:

why smoking status was not categorised as current, former, never?

Author responses #1:

Thank you for your suggestion, however, our study based on the IFLS series survey and a beginning survey started in 1993. Thus household questionnaires for variable smoking only measured yes and no responses.

Reviewer report #1:

It is not clear how stress variable was measured. I assume the summation of some questions was calculated and then this derived variable was categorised into 5 levels. please explain with all details

Author responses #1:

Our study used the Psychosocial Stress variable was measured using the Centers for Epidemiologic Studies Depression Scale (CES-D) to assess the symptoms of stress. Stress symptoms were classified into 5 categories, namely 0 = no stress at all, 1 = slightly stressed, 2 = mild stressed, 3 = moderately stressed, and 4 = very stressed. Our analysis regarding stress defined into four categories. Its measure of stress has already written in our manuscript and our result.

Reviewer report #1:

Measurement of physical activity is not clear as well. Is there any reference for this categorisation?

Author responses #1:

Thank you for your suggestion, and we have added and completed the measurement of physical activity with reference and making its simple explanation in our method section. Measuring physical activity in our study based on the International Physical Activity Questionnaire (IPAQ) and were classified into 3 categories, namely: 1) high

active, 2) moderate active, and 3) light physical activity. Participants were defined as high active if they have responded vigorous exercise throughout the past week at 60 minutes daily (e.g., aerobic) recommended by the World Health Organization (2018). Moderate active was assessed by responding to participants for intensive activity (or equivalent) at least 150 minutes per week. Lastly, at least two hours a week doing intense exercise per day were calculated as light physical activity. Sociodemographic factors were assessed by asking questions about age, sex, education, and occupation.

Reviewer report #1:

Result section is very poor. please provide descriptive statistics for independent variables and outcome at the beginning. In table 1, add columns and describe the distribution of variables for diabetes/ non-diabetes groups as well.

what was the prevalence of diabetes in this study?

In table 2, adjusted OR for physical activity (low group) includes 1 but effect was assumed as being significant !!

Author responses #1:

Done. Thank you for your comment. We have agreed and added in our manuscript with highlight.

We inform that the prevalence of diabetes mellitus was 4.67%, among those <45 years 9.19%, and those \geq 45 years 90.81%. Detailed characteristics of the participants are listed in Table 1 (revised).

Also, in Table 2 we have reanalyzed regarding your suggestion that revised our code label of physical activity, see Table 2 with highlight. Thank you very much.

Reviewer report #3:

Dear Authors

There are some errors in matching the text with tables, for instance in both results and abstract "9,154 (75.59%) were 45 years old " but they were greater than 45 years old. Also, the odd ratios need more interpretations. Another problem which is missed is the history of disease of patients, please explain how to control other variables when you focus on three main response variables.

Author responses #3:

Thank you very much for your suggestion, we have revised with a highlight in the result section. For the odd ratios, we have explained only the final of our analysis (the adjusted OR interpretation only).

For control or variable throughout using the analysis method and its controlling confounder variables, have explained before in our manuscript. Also, we have demonstrated our weakness and strength our method that has also described in our discussion. Thank you very much.

Thank you very much.

Best regards,

Solikhah Solikhah

Acknowledgement of Revision (#JKMU-2005-2304 (R1))

1 message

Journal of Kerman University of Medical Sciences <jkmu@kmu.ac.ir>

Sun, Aug 9, 2020 at 4:43 PM

To: solikhah@ikm.uad.ac.id, solikhah010277@gmail.com

Cc: jkmu@kmu.ac.ir

Manuscript ID: JKMU-2005-2304 (R1)

Manuscript Title: **Smoking habits, stress and physical activity in relation to diabetes mellitus: a nationwide study in Indonesia.**

Authors: Nur Aini Purwaningsih, Solikhah Solikhah

Date: 2020-05-21

Dear **Dr. Solikhah Solikhah**Thank you for submitting the revised file of your manuscript to the **Journal of Kerman University of Medical Sciences**

The Editorial Office will proceed on your manuscript and inform you in the earliest time.

If there is anything else, please do not hesitate to contact us.

Truly yours,

Executive Managing Director of **Journal of Kerman University of Medical Sciences**

Acceptance of Manuscript (#JKMU-2005-2304 (R1))

1 message

Journal of Kerman University of Medical Sciences <jkmu@kmu.ac.ir>
To: solikhah@ikm.uad.ac.id, solikhah010277@gmail.com

Mon, Nov 2, 2020 at 11:18 AM

Manuscript ID: JKMU-2005-2304 (R1)

Manuscript Title: **Smoking habits, stress and physical activity in relation to diabetes mellitus: a nationwide study in Indonesia.**

Authors: Nur Aini Purwaningsih, Solikhah Solikhah

Dear **Dr. Solikhah Solikhah**

This is to confirm that after technical and in-house evaluation, the above mentioned manuscript has been finalized and accepted for publication in the journal. As a result, your *article/paper* will be published in the following issues of the journal, according to the *publishing* priorities

Truly yours,

Editorial Office of **Journal of Kerman University of Medical Sciences**