Reviewer's report

Title: SOCIO-DEMOGRAPHIC DETERMINANTS OF UNMET NEED FOR FAMILY PLANNING AMONG MARRIED WOMEN IN PAKISTAN

Version: 1 Date: 14 Jan 2019

Reviewer: Gabriela Mejia-Pailles

Reviewer's report:

General comments

TITLE: Which determinants? i.e social and demographic "SOCIO-DEMOGRAPHIC DETERMINANTS".

I thinks this paper has the potential to make a very important contribution to the literature regarding unmet need for contraception. However, it requires further revisions.

In this version, the authors decided to omit some parts of the previous version rather than properly addressing the issues pointed in the first review. The first version had some very good points that were left out of this version. I suggest you incorporate those deleted parts to this version addressing them properly to enrich your analysis and hence your paper. For instance, if the regressions need to be re-run again, so be it including the region variable. Include in the methods the level of development of each region. The previous version had some very good points not included in this version. Some part of the previous text just need to be proof read and revises but should be included in this version.

NEED TO BE PROOF READ by a native speaker again. Although significant improvements were made from the previous version, it requires more proof reading. Plenty of definite and indefinite articles (the, a) are missing throughout the text or need to be removed, making it sound inappropriate. For instance, the use of "THE" is used when not needed and not used when needed. Check the document again.

Page 2

31: The world planning is missing

Revise key words "limiting" "spacing" of what?

55: "The" need to be removed.
"Reduction in fertility decreases dependency ratio in the economy because as a result of such decline a large cohort of working-age adults enters the population, outnumbering children and the elderly." WAS THIS TAKEN FROM AN AUTHEOR? If so, make reference to it as the argument at it currently stands seems contradictory. Did not get the line of thought here. Develop more.

45% of all European women had unmet need for contraception? In the best of my understanding, Westoff's study uses 5 Eastern European countries (Albania, Armenia, Azerbaijan, Moldova, Ukraine). Be carefully of the statement you are making in your paper about all of EUROPE. I suggest reading Westoff's study carefully.

56: THE literature
56: CAUSES? Or factors associated? Strong to say causes, unless studies use longitudinal data to know the timing of things.

Page 4

Rich FAMILIES: the results are about household wealth. Be consistent with the variables used. CHANGE NOT INCORPORATED IN REVISED VERSION.

In THE South Asian region.

40: the survey consists of the married women aged 15-49.

Use comas in 4+ digit numbers (i.e 14000)

was reported in THE survey

Thus a comprehensive data of all variables

PAGE 9

31: In THE bottom quintile, …. Whereas THE top quintile consists
is A categorical variable with 5 different categories

"Binary Logistic regression is considered suitable when dependent variable is categorical variable with two possible outcomes. On the other hand, Multinomial Logistic Regression is considered appropriate when dependent variable is categorical variable with more than two possible outcomes." Revise the English

"Description of different characteristics of married women who are respondent in our study is presented in Table 1." Revise English.

The table 1 shows

TABLE 1. Mean/Median age 30.87/30.00. Include S.D.

Among total of the respondent women REVISE ENGLISH

You are using age groups not cohorts. If you want to use the word "cohort", you need to covert to cohorts.

"The odds ratios have decreasing trend starting from first age cohort to seventh age cohort which implies that with an increase in age, the likelihood of UMNFP goes on to decrease." Revise, rephrase

However, the relationship of age with UMNL is non-linear as it goes on to increase with increase in age up to fifth age cohort and then starts to decrease with an increase in age till seventh cohort. REVISE, Rephrase

Results of third regression REVISE
Existing studies conducted in different countries and regions of the world have also suggest that THE likelihood of unmet need for family planning has been found to higher in rural areas as compared to urban areas REVISE … is higher a verb?

After which, it has an increasing trend. UMNFP, UMNS and UMNL REVISE

Fear of side effectS

This is an indication of ineffectiveness of media campaign launched by government to create awareness among people regarding the usefulness of family planning services REVISE ENGLISH explain more about this campaign in the discussion.

Employment of women against some paid job increase their opportunity cost of bearing and rearing of a child. UNCLEAR, REPHRASE

UMNFP, UMNS and UMNL = Use only UMNFP as it implies both or say UMNFP either for limiting of spacing

media can provide them information regarding the availability and usefulness of different family planning methods to limit their family size according to their desire. REVISE ENGLISH

DISCUSSION: Results need further discussion. Explain more. Do not assume that your reader knows all about the mass media campaign in Pakistan. Include limitations of the study.

Conclusion: should be the implication of the results. . What are the policy implications of the findings?
Because of enormous implications of size and growth rate of population for economic development, Government of Pakistan has been continuously struggling to bring down population growth in the country. REVISE

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

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:

Not suitable for publication unless extensively edited

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