



SDI Review Form 1.5

PART A:

Journal Name:	International Journal of TROPICAL DISEASE & Health
Manuscript Number:	MS: 2012/IJTDH/1308
Title of the Manuscript:	<i>A COMPARATIVE STUDY OF CONTRACEPTION AS PROXIMATE DETERMINANT OF FERTILITY AMONG WOMEN IN RURAL AND URBAN AREAS OF OSUN STATE SOUTHWESTERN NIGERIA</i>
Manuscript received on (Date)	
Review comment submitted (Date)	



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PART B: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part and write here 'Corrected'/ if not agreed, give suitable justifications)
General comment:	I think you need to be more clear about why you think it is important to compare rural and urban populations in terms of contraceptive use. Why is this comparison useful and how does it contribute to family planning programs? You need this to come through from the very beginning in your background, and then again in your analysis. In your discussion, tell us what you found to be the most important differences between these two populations and how that may impact future family planning programming.	Corrections done and taken care of under the different sections.
Specific comments:		
Title and abstract	Title: This could be more specific and succinct. Suggestion for title revision: "A comparative study of contraceptive use among rural and urban women in Osun State, Nigeria" Abstract: The results section is overwhelming – it is hard for the reader to discern what is most important. Tell us what the most salient findings were and then thread that into your conclusion.	Newly modified title is 'Contraceptive practices among rural and urban women in Osun State, South-western Nigeria' Result section of abstract modified and better structured as suggested by two reviewers. See the yellow colours in the result section of the abstract
Introduction	Line 31 – 42: You start very broad – talking about population growth in general. I think you spend too much time getting down to Nigeria specific information. Perhaps you should jump right to Nigeria population statistics and the general differences between the rural and urban areas. Line 55-56: This seems too general now – I would omit this sentence entirely. Line 60: you use the acronym FP without ever spelling it out. You also use contraception and family planning interchangeably. Perhaps you should choose one term and stick with it.	Lines 31-42: Introduction narrowed down to Nigeria now and lines 36-39 expunged Lines 55-56 also expunged as recommended and for reason stated that it is too general Line 60: The acronym FP is stated fully here as family planning. Its synonymity with the word 'contraception' has been removed. The word 'Contraception' is now used mostly Line 64: 'Most parts of the world'



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	Line 64: Spelling error – Persistently; Also, this is a very general statement as well. How does this specifically relate to Nigeria and the rural/urban divide? Line 66: “This study will serve as...” I think you might want to rephrase this to say, “This study aims to inform national governments....”	changed to ‘Nigeria’ Line 66: This study aims to inform national governments.....Modified to read.....This study aims to inform national governments and non governmental organizations (NGOs),
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SDI Review Form 1.5

Review of literature (Heading may differ in the case of review paper)	I think your paper would be strengthened by citing other studies that have looked at similar determinants of fertility in other areas of the world or in other parts of Nigeria. I did not get the sense that there was a full review of relevant literature supporting this study. What do we know about the differential contraceptive use rates between rural and urban areas in sub-Saharan Africa? This areas is lacking.	As directed, two article references have been cited in text to demonstrate the differential contraceptive use rates between rural and urban areas in sub-Saharan Africa. This include NPC 2006, and Ainsworth 2010
Materials & methods (Heading may differ in the case of review paper)	Line 78: Why did you select Osun state? Tell us the population figures for the rural and urban populations in Osun state. What is the percentage of rural vs. urban? Is Osogbo town a large metropolis? Does it have a major airport, etc? Do the rural areas have electricity and road systems? How does the health system differ between the two areas? Please give a little bit more description about this region and the difference between the rural and urban areas so that we know how to interpret your findings better. Line 90: Typing error – "...512 for each..." Line 92: Typing error - "multi-stage" Line 101: Error – "...enumeration areas were allocated..." Line 120: Did you obtain informed consent from each woman? Please state from whom you received ethical approval. Line 122-123: This sentence is confusing. Please revise. I don't think dis-inhibition is the right word. I think you mean response bias. Can you please explain this bias in more detail? Are women in this study more likely to report more or less children? Is this more common in rural areas? Does this differentially affect your findings?	Line 78: A better description showing rural-urban differences (in the study area - under methodology) now made. See the yellow colours under Study Area Line 90: Point mark removed. Reference typing error. (UNPF 2000) substituted for (NPC 2006) Line 92: multi-stage Line 101: enumeration areas were allocated Line 120-ethical submission more clearly stated as follows. Refer to the yellow colours under ethical consideration Line 122-123: Limitation rephrased as in the yellow line after ethical approval This does not differentially affected findings from this study.. Situation handled by persuasive training and sensitivity of the research assistants- as stated



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Results & discussion (Heading may differ in the case of review paper)	Line 135: This sentence is repetitive. You can just say that in both areas, the highest proportion of respondents was found in the 25-34 year age group. Line 162-168: What are the responses to the same questions for rural populations? Line 175 – 179: The wording of these results needs revision. I am not sure exactly how you used the fertility variable. Did you use it as a continuous variable? So you are reporting the odds related to each additional birth? For example: “Women with formal education had 40% less odds of experiencing an additional birth.” “Women who used contraceptives had 92% less odds of having an additional birth compared to women not using contraceptives.” Is this regression analysis for all women in your study? I would like to see ORs for urban and rural groups separately? Discussion: This section needs to be strengthened. What did we learn about the differences between rural and urban Nigerian women that may inform governments and program planners? What finding is most important? I would like to see less comparison to other studies and more analysis and discussion of your own findings.	Line 135 modified as recommended Line 162-168: Figures for both settings already stated. Common reasons.....applied to both. So I inserted the word ‘both’, and delete the figures for urban that was only quoted before Lines 175-179: Regression was binary logistics, and was done for all women in both settings using the selected characteristics.’ ‘In both settings’ now reflects. Index of fertility used is the desire to have more children, and this has been stated under methodology One eighth’ changed to ‘one twelveth’ as argued out by one of the reviewers, and I agreed with him. Discussion: Lessons learnt for program planners in Government and NGO now stated under discussion. Kindly refer to the six yellow lines in the concluding part of the second to the last paragraph (under discussions)
Conclusion	Your conclusion does not connect with your results. What in your results tells us that accessibility of counselling and services is an issue for rural women? Awareness in both settings is high. Why are rural areas different?	Thanks, Conclusion modifies as appropriate (to emanate from study findings as recommended). This has



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		been highlighted in yellow
References	Please select one type of citation style for the whole reference section. There seems to be some differences.	Done according to Journal's directives