

Review Form 3

Journal Name:	Asian Journal of Probability and Statistics
Manuscript Number:	Ms_AJPAS_126704
Title of the Manuscript:	MODELING THE RISK FACTORS OF MISCARRIAGE USING CENSORED QUANTILE REGRESSION
Type of the Article	

Review Form 3

PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	This manuscript explores miscarriage risk factors using censored quantile regression, a novel approach that allows examining variable effects across quantiles of the outcome distribution. This methodology provides nuanced insights beyond traditional survival analysis, which is valuable for understanding risk factors across different population segments. This research could significantly impact public health, specifically in improving prenatal care and understanding miscarriage risk dynamics.	
Is the title of the article suitable? (If not please suggest an alternative title)	The title effectively captures the essence of the manuscript. However, consider specifying "using Censored Quantile Regression in a Kenyan Cohort" to provide additional clarity about the study population.	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	The abstract is comprehensive and summarizes the study's background, objectives, methods, and findings. To improve clarity, consider elaborating briefly on the study's sample size and key statistical outcomes in the results section.	
Are subsections and structure of the manuscript appropriate?	The manuscript's structure is logical, with well-defined subsections. However, I suggest expanding the "Results and Discussion" section to provide a more detailed comparison between the censored quantile regression results and the Cox proportional hazard model, focusing on their practical implications.	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	This manuscript appears scientifically robust, with a well-executed methodological approach suitable for survival data. The use of censored quantile regression provides a detailed perspective on how risk factors impact miscarriage survival time differently across quantiles. This technical approach adds depth to the field, particularly in its application to health data with skewed distributions. A few clarifications in the methodology could further strengthen its scientific rigor.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	The references are comprehensive and include recent studies relevant to censored quantile regression and miscarriage research. Adding a few references on quantile regression in survival analysis would further support the manuscript's background.	
<u>Minor</u> REVISION comments Is the language/English quality of the article suitable for scholarly communications?	Overall, the language quality is suitable for scholarly communication. Minor grammatical edits and clarity improvements would enhance readability, particularly in the methods and results sections.	
Optional/General comments	General Comments: The manuscript is robust and introduces a valuable approach for analyzing miscarriage data using censored quantile regression. Minor revisions, including additional methodological clarification and some grammatical polishing, would strengthen its presentation and enhance readability.	

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PART 2:

	Reviewer's comment	Author's comment <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

Name:	Alemayehu Siffir Argawu
Department, University & Country	Andhra University, India