

Review Form 3

Journal Name:	Asian Journal of Probability and Statistics
Manuscript Number:	Ms_AJPAS_127990
Title of the Manuscript:	UNDERSTANDING THE ROLE OF MATERNAL AND LIFESTYLE FACTORS IN MISCARRIAGE RISK: AN SEM ANALYSIS
Type of the Article	Full Article-Thesis

General guidelines for the Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guidelines for the Peer Review process, reviewers are requested to visit this link:

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PART 1: Comments

	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.	This manuscript is significant for the scientific community as it deepens the understanding of the multifactorial nature of miscarriage by exploring the interplay between maternal characteristics, lifestyle factors, and antenatal care. By employing Structural Equation Modeling (SEM), the study provides nuanced insights into both direct and indirect effects, establishing a lifestyle risk index that evaluates smoking, alcohol consumption, and physical activity during pregnancy. The findings offer valuable evidence for targeted interventions and preventive strategies in maternal health care, emphasizing the role of antenatal care in mitigating lifestyle-related miscarriage risks.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes, But it is suggested to mention antenatal characteristics Proposed Title- Unraveling the Multifactorial Determinants of Miscarriage: Insights into Maternal Characteristics, Lifestyle Factors, and Antenatal Care	
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.	Perfect	
Is the manuscript scientifically, correct? Please write here.	The discussion need to be modified by adding references. For an example, 11- 12th lines of the discussion of this manuscript- Maternal age may have a curvilinear, adverse relation to miscarriage, or this relation may depend on health status, prior pregnancy experience, and genetic factors. References- Armstrong, R. A., & Platt, M. J. (2019). "The effect of maternal age on pregnancy outcome: Evidence from population-based studies." <i>Reproductive Medicine and Biology</i> , 18 (3), 205–215. doi:10.1002/rmb2.12275 This study explores how maternal age influences pregnancy outcomes, including miscarriage, and highlights the interplay of genetic, health, and experiential factors. For a more precise match, you may need to look into reviews or meta-analyses addressing the curvilinear relationship specifically.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes	
Is the language/English quality of the article suitable for scholarly communications?	Good	
Optional/General comments		

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:	Sasrubi Sathees
Department, University & Country	University of Jaffna, Sri Lanka