

Review Form 3

Journal Name:	Asian Journal of Environment & Ecology
Manuscript Number:	Ms_AJEE_128187
Title of the Manuscript:	Bayesian Factor Analysis of a Unidimensional Urban Sprawl Index in Ibadan, Nigeria.
Type of the Article	Research Article

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 provides a comprehensive analysis of urban sprawl using advanced statistical techniques, including Bayesian Factor Analysis. The study's focus on Ibadan, Nigeria, offers valuable insights into urbanization patterns in developing countries, which are often underrepresented in the literature. By identifying key factors influencing urban sprawl, the research can inform urban planning and policy-making, contributing to more sustainable urban development.	
Is the title of the article suitable? (If not please suggest an alternative title)	The title "Bayesian Factor Analysis of a Unidimensional Urban Sprawl Index in Ibadan, Nigeria" is suitable as it accurately reflects the content and focus of the manuscript.	
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 clear but highlight the significance of the results more explicitly. For example, mention how the findings can impact urban planning or policymaking.	
Is the manuscript scientifically, correct? Please write here.	The manuscript appears to be scientifically correct. The methodologies used (ICA, PCA, and BFA) are appropriate for the study's objectives, and the results are presented clearly. The statistical models and assumptions are well-explained, and the findings are logically interpreted.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	The references are sufficient and include recent studies. However, it would be beneficial to include more recent references from the last two years to ensure the study is up-to-date with the latest research. Consider adding references related to recent advancements in Bayesian analysis and urban sprawl studies.	
Is the language/English quality of the article suitable for scholarly communications?	The language and English quality of the article are generally suitable for scholarly communications. The manuscript is well-written, but a thorough proofreading for minor grammatical errors and stylistic improvements would enhance readability.	
Optional/General comments	Overall, this manuscript presents a significant contribution to the understanding of urban sprawl in Ibadan. By addressing the suggested improvements (highlighted in the main article), the authors can enhance the manuscript's impact and relevance in the field of urban studies.	

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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>	

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