

Review Form 1.6

Journal Name:	Asian Journal of Probability and Statistics
Manuscript Number:	Ms_AJPAS_81450
Title of the Manuscript:	A New Trivariate Semicopula Using Rüschendorf Method
Type of the Article	Original Research Article

General guideline for 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 guideline for Peer Review process, reviewers are requested to visit this link:

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PART 1: Review Comments

	Reviewer's comment	Author's comment (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)
Compulsory REVISION comments	<ol style="list-style-type: none"> 1. The abstract is too simple. The author may need to relate the method with the problem on how the author come out with the idea on the triivariate semicopula using Ruschendorf method. Briefly explain the method used. Please state the outcome and significance of study in your abstract. 2. Most of the sentences (please refer the manuscript) are too long. The author may break the sentence into 2 sentences. Rewrite using succinct arguments with correct grammars. 3. The keywords should in line with the abstract. 4. Please rephrase some of the sentences (please refer the manuscript). Choose the words carefully. There is a huge difference between storytelling and journal-reporting. 5. Please check the format of citation in the manuscript. 6. Please use a proper mathematical equation in the manuscript. 7. For the conditions of the boundary, it is good to use other notation than 'z' to differentiate between the function and the conditions of the boundary, eg: u, v, w. 8. Not clear explanation and no connection from one mathematical equation to another. 9. Some of the mathematical equations are wrongly wrote. Please refer the manuscript. 10. The author needs to explain or show on the derivation of the density of copula since this is the major contribution of this paper. 11. From my understanding, a copula is a semicopula if it fulfilled the properties of superharmonic and subharmonic modes, which are shown in page 6-7. However, the author did not mentioned at all that the developed copula satisfying these two properties, which is important as a part of semicopula. Please elaborate. 12. Please rewrite the part on properties of measure of random variable dependence. These two tests are used to measure for the dependency in the semicopula. 13. It is good if the author can put some illustration on using this new triivariate semicopula. 14. For the references, there are no recent papers (within last 5 years) has been cited. 	
Minor REVISION comments		
Optional/General comments	<ol style="list-style-type: none"> 1. Please send your article to proofreading service. It is not easy to understand your article in the current form. The language style should be improved. 2. In the title, the author has mentioned on Rushendorf method, however, there is no clear explanation on this has been discussed in the article. 	

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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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