

**Review Form 1.7**

Journal Name:	<b>Asian Journal of Probability and Statistics</b>
Manuscript Number:	<b>Ms_AJPAS_112538</b>
Title of the Manuscript:	<b>A Study of the Impacts of Measurement errors on Robust Parameter Design for Multi-response.</b>
Type of the Article	<b>Original Research Article</b>

**PART 1: Review Comments**

	<b>Reviewer's comment</b>	<b>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)</b>
<p><b>Compulsory</b> REVISION comments</p> <p>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b></p>	<p><b>Yes</b> This study explores the impact of measurement errors in control variables on robust parameter design for processes with multiple quality characteristics. Using response surface methodology, the research investigates various error variances on control variable levels, performing analysis and optimization. The findings reveal that increasing measurement errors lead to deviations in coefficient of determinations for multi-response and expected quality loss from the initial state.</p> <p><b>Yes</b></p> <p><b>Yes</b></p> <p><b>Yes</b></p> <p><b>Yes</b></p> <p><b>Yes</b></p>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	<p>Yes</p>	
<p><b>Optional/General</b> comments</p>	<p><b>Minor Comments</b></p> <ol style="list-style-type: none"> <li>1. The flow of the paper is challenging to follow.</li> <li>2. Many equations in the manuscript require retyping.</li> <li>3. The last two columns of Table 4 need clarification. Please mention what they are measuring with the proper interpretation.</li> <li>4. Rewrite all the equations in the analysis and discussion section, either in Microsoft Equation or any other suitable form to type the equations.</li> <li>5. Reframe the conclusion in a better manner, trying to avoid lengthy explanations in a single sentence.</li> </ol>	

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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <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>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

**Reviewer Details:**

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