

**Review Form 1.6**

Journal Name:	<a href="#">Journal of Pharmaceutical Research International</a>
Manuscript Number:	Ms_JPRI_82304
Title of the Manuscript:	Use of one-factor design of experiments (DOE) for Regression Modelling and Validation: A Robust Methodology
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)
<b><u>Compulsory</u></b> REVISION comments	<p>The author discusses about use of one factor design of experiments for regression modelling. My concerns are listed below.</p> <ul style="list-style-type: none"><li>• Page 2. Data presented in table 3.1..... Table 3.1 is missing.</li><li>• The author should remove the R codes from the paper and list them in attachment.</li><li>• The author should write the manuscript including introduction, method, result, discussion, and Conclusion. There is no discussion in this paper, the author should discuss where and how to use this result and compare the result of this paper to the other studies.</li><li>• The equations should be numbered consecutively.</li><li>• Page 4. Check the equations and write them as cases.</li><li>• Table 4. Variable x1 is not significant. This means coefficient is zero. Why is it left in the model equation Page 8.</li></ul>	<ol style="list-style-type: none"><li>1. Name of the table in the text is corrected. Please see page 3, para 2 line 1.</li><li>2. Because the R syntax is a very important part of the study and actually it is a methodology which is developed to model DOE study designs. That is why we recommend keeping that within the method section. However, as suggested by one reviewer a heading has been added before the start of the syntax.</li><li>3. Discussion has been added</li><li>4. All equations are numbered now</li><li>5. We apologize but we could not understand the point here. What does reviewer mean by using equation as cases..??</li><li>6. Explanation is added to describe why it was important to keep all variables in the data modeling. Please see page 9, para 1, line 4-7.</li></ol>
<b><u>Minor</u></b> REVISION comments		
<b><u>Optional/General</u></b> comments		

**PART 2:**

	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)
Are there ethical issues in this manuscript?	(If yes, Kindly please write down the ethical issues here in details)	