



**SDI Review Form 1.6**

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|--------------------------|-------------------------------------------------------------------------------------------|
| Journal Name:            | <a href="#">British Journal of Mathematics &amp; Computer Science</a>                     |
| Manuscript Number:       | 2014_BJMCS_13449                                                                          |
| Title of the Manuscript: | Supervised Linear Classification Performance Based on Marginal Probability for Two Groups |
| Type of the Article      | Short 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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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**PART 1: Review Comments**

|                                            | <b>Reviewer's comment</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Author's comment</b> (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 | <b>There are no Compulsory REVISION comments.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                      |
| <b><u>Minor</u></b> REVISION comments      | The paper needs to be corrected for language.<br>For example, in Section 2 line 67, "where u denote ..." should be "where u denotes ..." and "h _ pv denote..." should be "h _ pv denotes ...".                                                                                                                                                                                                                                                                                                 | Corrections effected                                                                                                                                                                 |
| <b><u>Optional/General</u></b> comments    | Your article has introduced a new procedure for analyzing the classification performance of the linear classification techniques based on two groups, and this technique is very informative. Can this technique improve the accuracy of classification? And as we all know, misclassification can be divided into Type 1 error and Type 2 error. Can your model do something helpful with Type 1 error or Type 2 error? I think if you add this content, your article will be more attractive. | Type one and Type two errors are subject to correct classification and misclassification in classification techniques.<br>Thanks to the reviewer.                                    |