



**SDI Review Form 1.6**

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|--------------------------|--------------------------------------------------------------------------------------------|
| Journal Name:            | <a href="#">British Journal of Mathematics &amp; Computer Science</a>                      |
| Manuscript Number:       | Ms_BJMCS_34622                                                                             |
| Title of the Manuscript: | A Machine Learning Algorithm Based on Inverse Problems for Software Requirements Selection |
| 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:

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



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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>Compulsory</b> REVISION comments | <p>Algorithm explanation is not clear. Author should give more information about this algorithm. For example, which programming language and operating system were used to develop.</p> <p>Especially authors have to give more details about attributes of dataset for that they used to develop algorithm. There must be a table of attributes that show all details about attributes. And how these attributes are selected should be mentioned.</p> <p>Also authors should compare the performance of this algorithm with any other tool.</p> <p>Authors say that this is a classification task. Therefore, they need to evaluate ROC (Receiver Operating Characteristic) Analysis in order to observe result.</p> <p><b>Plagiarism Issue:</b></p> <p>I have attached an iThenticate Plagiarism report file. Please find that report which shows 36% plagiarism</p> |                                                                                                                                                                               |
| <b>Minor</b> REVISION comments      | I don't understand why there are duplicate references. (e.g. Ref 2 and 7 or Ref 15 and 16 are duplicates!)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                               |
| <b>Optional/General</b> comments    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                               |

**Reviewer Details:**

|                                  |                                                 |
|----------------------------------|-------------------------------------------------|
| Name:                            | <b>Ufuk Celik</b>                               |
| Department, University & Country | <b>Bandirma Onyedi Eylul University, Turkey</b> |