



SDI Review Form 1.6

Journal Name:	British Journal of Mathematics & Computer Science
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	<i>Original Research Article</i>

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)
Compulsory REVISION comments	Not Applicable	
Minor REVISION comments	Not Applicable	
Optional/General comments	- This paper addresses the problems for software requirements selection using Multi Objective Inverse Machine Learning (IML) Model approach. In this paper, authors have analysed the performance of improved IM, AHP and WHS models for software prioritization in terms of accuracy, learning time, MSE and RMSE. - Although authors have not discussed latest research papers published in this domain during 2016 and 2017 which suggests many deep learning algorithms for the solution of the same problem. Still, the research work conducted by authors is satisfactory and is very useful for ranking of software requirements for new version upgrades at minimum cost.	Thank you for the opportunity to revise the manuscript. Below I summarize my responses to your comments. I believe that all of the comments have been addressed in a way that would be found satisfactory. I thank you for your detailed and thoughtful critiques. The manuscript has been greatly improved as a result of your effort. My point-by-point responses to comments are detailed below. Reference 7 was published in 2016 and is included in the paper. [7] Chomal, V., Saini, J. R. (2016) A Parameters - based Approach for Requirement Prioritization. Journal of Science and Technology. Vol.5 No.1, 2016, ISSN: 0975-5446.