



SDI Review Form 1.6

Journal Name:	British Journal of Mathematics & Computer Science
Manuscript Number:	2015_BJMCS_16121
Title of the Manuscript:	An Opinion Predictor for Products using recurrent Neural Networks
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

	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)
<u>Compulsory</u> REVISION comments		
<u>Minor</u> REVISION comments	The paper deals with the use of ANNs for predicting opinions. The paper is interesting but, in my opinion, lacks in the description of the main "frame" of the topic i.e. the description of the Artificial Neural Network. For this reason my main review concerns this aspect. In the attached document there are some notes that should be taken into account to increase the quality of the paper.	We are very grateful to the reviewer for his positive and encouraging comments. The neural network description is included in lines 36-44. Comment 2: Stated to change "at el" to "et a"l in 2 places. Response: The sentences are corrected in lines 77 and 98. Comment 3: Stated figure in page 7 is not clear Response: Changed the figure in line 322, and explained in lines from 316- 321. Comment 4: Stated " is better to use pedix (for all variables)" Response: As suggested, all the variables have been changed to correct format from lines 336-346



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		Comment 5: please provide a deeper description of this output vector, Is this a binary vector [0 - 1]? Response: To explain the output vector, a table Tab.2 is included in line 264. Comments 6: Some description of the training algorithm should also been provided. I guess you used the FFBP alorithm to train the network since it is appropriate for small set of input data. PLease clarify. Response: We used Back propagation through time(BPTT) akgorithm. Algorithm is briefed in lines from 312-321 Comment 7: You could also cite some works dealing with ANN training. I suggest for instance: Furferi, R., Gelli, M. Yarn strength prediction: A practical model based on artificial neural networks (2010) Advances in Mechanical Engineering, 2010, art. no. 640103 Response: My sincere thanks for the suggestion. As suggested, we have gone through the paper, where the paper is perfect literature survey for our paper, and cited in reference 471-472 lines.
<u>Optional/General</u> comments		