

Review Form 3

Journal Name:	Asian Journal of Research in Computer Science
Manuscript Number:	Ms_AJRCOS_130581
Title of the Manuscript:	Dropout : An Effective Approach to Prevent Neural Networks from Overfitting
Type of the Article	

PART 1: Comments

	Reviewer’s comment	Author’s Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.	The manuscript has compared the different techniques to tackle the issue of overfitting by reviewing the work done in this domain earlier. It provides both theoretical insights and empirical analyses With the inclusion of recent advancements in dropout variations, this study is a valuable resource for researchers and practitioners aiming to enhance the robustness of neural networks.	Thanks reviewer
Is the title of the article suitable? (If not please suggest an alternative title)	Yes, the title is suitable as per the content of the manuscript. It will be more effective if the “effective approach”gets replaced by ” Comprehensive Solution” in the title	Thanks reviewer
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	The abstract is comprehensive and well structured. It would be good if it mentions specific results or comparative improvements to provide a quantitative overview of the findings	Thanks reviewer
Is the manuscript scientifically, correct? Please write here.	Is the manuscript scientifically, correct. It effectively links the use of dropout to its practical implications in various neural network architectures.	practical implications across various neural network architectures. It provides a comprehensive analysis of how dropout, as a regularization technique, helps in mitigating overfitting by randomly deactivating neurons during training. This randomness is shown to enforce a robustness in the network by preventing co-adaptation among neurons, thereby improving generalization capabilities on unseen data.
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes, the references are extensive and includes recent works	Thanks reviewer
Is the language/English quality of the article suitable for scholarly communications?	The language is suitable for scholarly communication. Minor grammatical mistakes are observed	Thanks reviewer
Optional/General comments		

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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)	