Review of: "Songs Classification Problem Research by Genre Based on Neural Network"

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Potential competing interests: No potential competing interests to declare.

In this paper, the authors tried to classify songs based on genre using a neural network algorithm. There are several comments and suggestions I have as follows.

1) The Abstract is too long and should be rewritten to convey the motivation of the study, methodology, and key findings.

2) The organization of the paper should be reorganized (as commonly used in many journals): 1) Introduction, 2) Related Works, 3) Proposed Method, 4) Results, and 5) Conclusion.

3) The four stages within the 'Formulation of the Problem' are better off being put in the Method section. Moreover,

4) Since there are different kinds of neural networks, including Deep Learning ones, it would be better to explicitly state the type of neural network algorithm being used in the study (I guess the backpropagation neural network).

5) Please describe in a more detailed manner the network's architecture and hyperparameter settings used in the study. For example, number of epochs, learning rate, number of input nodes, hidden nodes, and output nodes, etc.

6) Please recheck the formulation of Eq.(1.2); is it correct to divide the sum of square error by 2?

7) Please add some information regarding the input data characteristics, data pre-processing, and data splitting process (train-test).

8) What did the authors mean by 'error accuracy?' Moreover, the plot shown in Fig.3 depicts Precision, not Accuracy; is it correct?

9) It would be better to add more up-to-date references to show the authors' familiarity and knowledge in this area.

Thank you.