Dear Dr. Bojan Radak:

Thanks you for your letter and for the reviewers’ comments concerning our manuscript entitled “Modeling and optimizing an electrochemical oxidation process using artificial neural network, genetic algorithm, and particle swarm optimization”（5546）. Those comments are all valuable and very helpful for revising and improving paper, as well as the import guiding significance to our researches. We have studied comments carefully and have made correction which we hope meet with approval. Revised portion are marked in red in the paper. My English is not very good, I am apologize for the inconvenience.

The main corrections in the paper and the responds to the reviewer’s comments are as following:

1. Response to comment: (Table I and Fig 2 - which dataset was used for performance determination?.)

Response: The train data set was used to train and develop BPNN by adjusting the weights on the neural network and the test data set was used only for testing the final solution in order to confirm the actual predictive. So the training data set was used for performance determination.

1. Response to comment: (You added Eq. 5, but still, a solid reference is needed to verify this approach.)

Response: Considering the Reviewer’s suggestion, we have provided references 30. G. D. Garson, *AI Expert*, **6** (1991) 46

1. Response to comment: (Fig 5 gives residual vs. experimental plots for training set? But where are similar plots for the test set? Please, in Fig. 3 and 4, replace normal residuals plots for test data with residual vs. experimental plots.)

Response: Fig 5 gives residual vs. experimental plots for both training set and test set. As shown in Fig 5, the solid circle(•) on behalf of training set and the hollow circle(￮) on behalf of test set, you can see it in illustration. Is it necessary to replace normal residual plots in Fig. 3 and Fig. 4? In Fig. 3 and Fig. 4, the regression analysis of training set was used to assess the accuracy of neural network, the regression analysis of test set was used to assess the feasibility (generalized capacity) of neural network.

We tried our best to improve the manuscript and made some changes in the manuscript. These changes will not influence the content and framework of the paper. And here we did not list the changes but marked in red in revised paper.

We appreciate for Editors/Reviewers’ warm work earnestly, and hope that the correction will meet with approval.

Once again, thank you very much for your comments and suggestion.

Best regards,

Banghai Liu