Rebuttal- Reviewer 1

Dear Reviewer,

Thank you for giving us valuable suggestions to improve the presented research work. As per the given suggestions, we have incorporated all the changes and highlighted the changes in the blue color and figure, and table-caption changes have been represented using yellow color.

Q-1 My concern is the conclusion that "linear regression" is more suitable than ANN. The conclusion is based on the ANN structure of 7 layers with numbers of neurons in five hidden layers as 256, 128, 64, 32 and 16. There are lots of questions related to the ANN structure: why 7 layers are needed? What the size of the training data set required for this specific ANN? These questions will lead to an assumption that this specific ANN might not work as good as linear regression, but it cannot support your claim since there might be a better ANN structure you have not discovered.

Answer: Thank you for providing us a valuable suggestion to emphasize on core parts of the undertaken study. As per the given suggestions, we have incorporated the required changes in the ANN methodology, conclusion, and results section.

Q-2 Remove source code start from line 427 to make the submission more like a technical report rather than a paper.

Answer: Thank you for providing valuable suggestions related to representations. As per the give suggestions, we have removed a coding snapshot (Figure 8) for better visibility.

Q-3 Redraw Fig.4. Fig.9 and Fig.10 (e.g. by merging subplots) to eliminate repeated patterns.

Answer: Thank you for giving us valuable suggestions. As per the given suggestions, we have merged Fig. 4(a-e) in 2 images 5a and 5b for avoiding repetition of the patterns. Similarly, we have also merged Fig. 9 and 10 in Fig. 9 and represented comparisons between linear regression, other machine learning methodologies and the customized ANN algorithm.