Review of: "Optimized Material Removal and Tool Wear Rates in Milling API 5ST TS-90 Alloy: AI-Driven Optimization and Modelling with ANN, ANFIS, and RSM"

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Potential competing interests: No potential competing interests to declare.

1. The introduction of the paper should be re written focusing the techniques used and its practical importance.

2. The different values of the input parameters for different levels mentioned in Table 5. justify the reason for choosing the values.

3. What kind of DOE is utilized in this work for confirming the total number of experiment and justify why this method is needed for your work?

4. Anova analysis is done for the MRR and TWR in this study. So, proper ANOVA table should be provided.

5. The optimization part conducted and written in section 3.5 lacks sufficient data support.

6. Have you conducted any confirmation experiment for the optimal values obtained? If so, discuss about the same.

7. Nowadays, there are so many method being used for optimization and prediction like SVR, Fuzzy logic etc. So, how the method used in this study is better than other.

8. Please check the grammatical mistakes of the paper thoroughly.