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.

Your work is a great contribution, and I'm suggesting a minor revision.

1. The novelty of the work isn't necessarily clear in the introduction section. Please give the novelty of this manuscript clearly.

2. Mention validation test results clearly, and how many tests were carried out to validate the outcomes of multi-optimised results.

3. Is there any statistical analysis conducted to determine the significance of the factors in the ANOVA discussion?

4. Is there any discussion on the limitations of the RSM, ANN, and ANFIS models used in the study? Are there any recommendations or suggestions provided for future research in optimizing the milling process for API 5ST TS-90 alloy?

5. Can you explain the process of validating the optimum milling parameters and how the close correlation between the predicted and validated results was determined?

6. Is there any discussion on the potential impact of the optimized milling parameters on the overall production efficiency and tooling costs?

7. The grammar of the article needs to be carefully checked and changed.