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 deficiencies and short comings from the previous research should be outlined more precisely to link them to the current paper goals.
2. The contemporary metaheuristic optimization methods such as APSO (https://doi.org/10.1177/09544089231158898, https://doi.org/10.1007/s40516-022-00171-9) and WOA (https://doi.org/10.1007/s41660-022-00234-6, https://doi.org/10.1504/IJMMM.2023.133377) should be discussed in the introduction for the sake of completeness.
3. The authors should justify the selection of the particular design of experiment. The article (https://doi.org/10.1504/IJMMM.2022.125200) may be useful for this purpose.
4. The p-values and AD values should be mentioned in the normal plots for residuals to bring out the effectiveness.
5. The discussion of the results should be improved by comparing/citing previously published results.
6. The R-square and R-square (pred) values corresponding to the regression equations developed should be mentioned to signify their efficacies.
7. The limitations of the present methodology and the future scope of the present analysis should be highlighted in the conclusion section.
8. The quantitative improvements (may be in terms of %) may be provided.