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.

The article titled "Optimized Material Removal and Tool Wear Rates in Milling API 5ST TS-90 Alloy: AI-Driven Optimization and Modeling with ANN, ANFIS, and RSM" presents a comprehensive study on the optimization of Material Removal Rate (MRR) and Tool Wear Rate (TWR) in the context of milling API 5ST TS-90 alloys. The study utilizes response surface methodology (RSM) and artificial intelligence-based models, including artificial neural networks (ANNs) and adaptive neuro-fuzzy inference systems (ANFIS), to model and optimize these parameters. Here are some comments regarding the article:

1. The title is quite lengthy and could be more concise. The abstract is informative but could be more concise as well. It should provide a clearer overview of the research objectives, methods, and key findings.

2. The results section contains detailed information, which is good for transparency. However, it may be too lengthy and should focus on key findings.

3. The article needs a thorough proofreading for language and grammar issues. There are many sentences that could be rephrased for clarity.

In summary, this article has potential, but it requires some revisions to improve clarity, conciseness, and organization. Additionally, careful proofreading for language and grammar issues is necessary.