Review of: "A Probability-Based Algorithm for Evaluating Climbing Difficulty Grades"

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Potential competing interests: No potential competing interests to declare.

Dear Author,

I appreciate your effort in evaluating the climbing difficulty grades using a probability-based algorithm. I have a few comments and suggestions.

1. The authors have considered several factors of uncertainty like level of difficulty, amount of energy, and quality of rest of the climbers, which can be equated to the route grade and modelled using Fuzzy Logic.
2. The authors can give the novelty of their contribution in the introduction section.
3. The data can be collected to model this problem for predicting the climbing route grade with more feature attributes using a machine learning algorithm.
4. The feasibility of this study can be discussed.
5. A separate notation table can be given for easier readability.