Review of: "A Methodological Contribution to Efficient Dynamic Assessment of Reliability Using Satisfiability Approach"

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Decision: Minor Revision.

Comments: The authors of this paper have presented an efficient and effective computational method to evaluate reliability based on fault trees. The proposed method has been comprehensively explained and proved. The use of examples simplifies the understanding of the statements. The article is sufficiently innovative and draws from relevant references. The following comments can be impactful in improving the article.

1. Introduction: It's better to structure this section into five paragraphs.

Para 1: State the issue and analyze the problem. Explain what problem exists, why addressing this problem is important, and how solving this problem contributes to the advancement of this field.

Para 2: Review a summary of the closest related work in this exact area and reference related research.

Para 3: Describe the proposed method briefly.

Para 4: Explain the contribution of this article.

Para 5: Outline the organization of the article.

2. Discussion: Adding a " Discussion " section before the conclusion would be beneficial. In this section, you can elaborate on the efficiency of the proposed method. Analyze the similarities and differences between your model and others. Explain what specific properties distinguish your work from previous research.

3. Background on satisfiability approach for computing reliability: In this section, most of the content appears to be derived from the other works. Therefore, it needs proper referencing for clarity and academic integrity.