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

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Potential competing interests: No potential competing interests to declare.

The authors presented a compelling case, shedding light on the cost-related concerns associated with conventional satisfiability methods that depend on the transformation of DNF to CNF. They've introduced a direct approach, rooted in the representation of logic function spaces, accompanied by sufficient definitions and proofs. Furthermore, the authors have thoughtfully included illustrative examples based on their new methodology.

However, a notable omission from their work is a comprehensive comparative analysis of their novel approach in contrast to one, or potentially multiple, existing methods, effectively highlighting the drawbacks and challenges inherent in the DNF-to-CNF conversion process.

In my judgment, the manuscript warrants acceptance for publication with the stipulation of minor supplementary content to address this aspect.