

# Review of: "Examining the Impact of Green Finance on Carbon Emissions in India through Energy Consumption Optimization"

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Potential competing interests: No potential competing interests to declare.

This paper explores the theoretical framework to comprehend how green finance influences carbon emissions, examining the role of energy consumption in this context. To empirically assess this influence, the paper utilizes the STIRPAT model, a chain multiple mediation effect model, and a panel threshold model, utilizing provincial data from India covering the period 2017 to 2022.

1. This paper should present the empirical results.
2. The "Discrepancy Analysis" cannot represent the meaning of the main text. To further illustrate it, the main text tells about the method to do discrepancy analysis, but not the process and results of the discrepancy analysis.
3. It is written that "derived from these results and conclusions, several policy implications emerge" in the "Significant of the study". However, the conclusion section is after the "Significant of the study".
4. This study should specifically explain why to use the lens of energy consumption optimization, why energy consumption optimization is significant.