

Review of: "On the statistical arrow of time"

Mahnoor Sarfraz¹

¹ Quaid-i-Azam University

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The article would benefit from a more comprehensive background, deeper analysis, additional references, clearer explanation of the concept of time, addressing potential criticisms, and a concise conclusion highlighting implications. I have a few recommendations:

1. Provide a more comprehensive review of existing theories and evidence related to the arrow of time.
2. Elaborate on arguments challenging the arrow of time, myth of space-time, and relationship between entropy and a time-invariant space. Further explain the concept of time as the result of measurement and explore its alignment with or challenges to existing theories.
3. Address potential counterarguments and alternative viewpoints to strengthen the arguments.
4. Summarize main points and discuss broader implications of reevaluating the arrow of time in the conclusion.