

Review of: "Analysis of the Spread of Covid-19 via Atangana-Baleanu Fractional Derivatives"

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Potential competing interests: No potential competing interests to declare.

The results of the paper are in good agreement.

However, there are a few errors, and the authors should revise the manuscript in light of my comments given below:

1. Please check the entire manuscript for grammatical errors/typos.
2. Why do authors consider the AB fractional derivative and its importance in this area compared to the CF fractional derivative? Please write briefly in the introduction. For e.g., see the papers: Chaos, Solitons & Fractals 142, 110451 (2021), [Engineering with Computers](#), Volume 38, pages 1053–1064, (2022).
3. Include basic definitions that are helpful in the manuscript.
4. What are the criteria for choosing the values of each parameter?
5. I do not see the convergence analysis of the present method.

Where did you derive it?