

Review of: "Forecasting by Analogy: A Parallel between the Trend of Confirmed COVID-19 Deaths in the Winters of 2022/2023 and 2023/2024 in Italy"

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Potential competing interests: No potential competing interests to declare.

The author forecasts the COVID death for 2023-2024 in Italy based on 2022-2023 data. The analogy method seems like a good approach to be used for the analysis.

But if the author could use some advanced time series data analysis method to find the pattern of COVID deaths, then use analogy to predict the deaths for the future year, that would be even better.

COVID spreading and death patterns are very complicated subjects; there are a lot of unknown factors, and the researchers have published a lot of papers to try to find out the dynamic patterns for COVID spread and death. The prediction has to statistically make sense since we are based on the data to predict the future pattern, since the COVID death data has been available since 2020. The 2020-2021, 2021-2022 data during that holiday gathering period would also help to analyze the pattern.

I think using advanced statistical methods and time series analysis methods to analyze COVID deaths will make the prediction more accurate and trustable.