

Review of: "The symptomatic expression of infection with the Omicron variant in Chinese patients; findings from the Clifical COVID-19 clinical case registry"

Arash Ahmadvand

Potential competing interests: The author(s) declared that no potential competing interests exist.

This study provides a comprehensive understanding of the clinical presentation of COVID-19 variants, which has been acknowledged as an important platform for the selection of test-triggering symptoms. They investigations of the clinical presentation in response to different variants has shifted significantly and the findings confirmed this fact. This was indeed obtained through a comparison with first wave data from China, and it is shown that there is a fair amount of geographical stability in terms of the types of clinical symptoms reported, but that at the same time there is some between country variability in the prevalence of these symptoms. From the technical viewpoint, the conducted systematic and statistical study provides a deeper understanding of the expansion and behavior of COVID19 at different stages and multiple areas. The work has an immense potential to be published, however, there is a point that the authors must consider.

1) Although the bibliography of the work contains important background of the topic, it must also consider the state of the art approaches that have been developed for the detection and diagnostic of this virus and its proteins. For example: Nature Materials 20(5), 593-605 (2021), Biosensors and Bioelectronics 177, 112971 (2021), Chemical Engineering Journal 430, 132966 (2022), etc.