

# Review of: "SARS-CoV-2 Infection and Blood Group Associations in the United Arab Emirates"

Maryam Zadsar<sup>1</sup>

<sup>1</sup> High Institute for Education and Research in Transfusion Medicine, Tehran, Iran

**Potential competing interests:** No potential competing interests to declare.

The paper is well-written, but it lacks details about the patient selection process. Without this information, there could be selection biases that compromise the external validity of the study and its generalizability to the overall UAE COVID-19 patient population.

Additionally, there is no mention of the study's power, significance level, or sample size, which makes the reported p-values less meaningful.

I strongly recommend adding information to assure readers that potential information bias was avoided. This includes details on the diagnosis of COVID-19, the grading of the disease, and the blood group detection method. These should be universally adopted and standardized procedures to ensure the validity of the data.

Furthermore, the paper lacks emphasis on the most important data that motivated this research. The novelty, importance, and relevance of the study are not sufficiently addressed.