

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

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The paper is devoted to an urgent problem in the field of public health, while providing important information regarding the most common clinical symptoms of the Omicron variant of COVID-19 in patients from China, which were compared with data from the United Kingdom and France, which is clearly shown in Figure 4.

However, in my opinion, in order to better display the similarity or difference of data from China, the United Kingdom and France, it is advisable to use data ranking. To do this, the percentages for the manifestation of clinical symptoms were converted into ranks from 10 to 1, where 10 was assigned to the maximum percentage of the manifestation of a clinical symptom, and 1 was assigned to the minimum percentage of the manifestation of a clinical symptom. The results of the ranking of clinical symptoms by three countries are shown in Table 1.

Table 1: Ranking of clinical symptoms of the Omicron variant of COVID-19 in patients from China (CN), the United Kingdom (UK) and France (FR)

Countries	Clinical symptoms									
	Cough	Fever	Extreme tiredness (fatigue)	Headache	Sore throat	Runny nose	Unusual muscle pains	Hoarse voice	Eye soreness	Brain fog
CN	10	9	8	7	6	5	4	3	2	1
UK	7	5	No data	9	8	10	2	6	4	3
FR	9	8	10	7	5	4	6	No data	No data	No data

The determination of absolute deviations between the ranks allows us to understand the level of similarity or difference of the compared data (Table 2).

Table 2: Absolute deviations between the ranks of clinical symptoms of the Omicron variant of COVID-19 in patients from China (CN), the United Kingdom (UK) and France (FR)

Absolute deviations	Clinical symptoms									
	Cough	Fever	Extreme tiredness (fatigue)	Headache	Sore throat	Runny nose	Unusual muscle pains	Hoarse voice	Eye soreness	Brain fog
CN – UK	3	4	No data	2	2	5	2	3	2	2
CN – FR	1	1	2	0	1	1	2	No data	No data	No data
UK – FR	2	3	No data	2	3	6	4	No data	No data	No data

Thus, the thesis put forward by the authors that the data from China are more similar to the data from France than to the

data from the United Kingdom is also confirmed by calculating the values of absolute deviations. So, in the «CN – UK» system, the difference in ranks is greater compared to the «CN – FR» system, where absolute deviations have smaller values or even zero value, which is shown by the example of a headache.