Review of: "When a Cluster Is a Cluster"

Ahmed S. Elgazzar[1]

1 Arish University

Potential competing interests: No potential competing interests to declare.

The manuscript focuses on the importance of identifying spatial clusters in epidemiological studies to better understand patterns of disease transmission and develop effective strategies for disease control and management, with a particular focus on COVID-19. The manuscript discusses the use of spatial analysis techniques, such as statistical methods, computerized dot maps, and artificial intelligence systems, to identify clusters of cases and analyze the spatial distribution of infectious diseases. I agree with the author that the identification of spatial clusters of cases is important for understanding the dynamics of disease transmission. Nevertheless, I do not recommend publishing the manuscript in its current form for the following reasons.

1. The aim of the manuscript is not clear.
2. More detailed explanations of the methods are needed.
3. There is no comparative analysis of the different methods and their respective strengths and limitations. A comparison of the different approaches would help readers to evaluate the effectiveness of the different techniques in identifying disease clusters.
4. I disagree with the author that "scientific community is ignoring the fundamental value of cases exact location".
5. The information provided is not well referenced.
6. Extensive revision of English is needed. The title is not informative.