Review of: "Quantile regression for identifying latent structures in COVID-19 pandemic – Examples from Nepal"

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Potential competing interests: No potential competing interests to declare.

In this paper, the authors focus on three covariance-adjusted spatial depth functions for implementing maximum depth classification, depth distribution classification and depth-depth classification.

The paper is well-organized. This topic is interesting. My comments about the paper are given as follows:

Minor comments

1. The paper contains some minor corections. It needs substantial review and editing.

Page	Line	Error	Correction
1	Abstract	First, quantile regression of Daily Infection on Daily Discharged, Phase and Time of infection and Phase Time interaction is presented.	First, quantile regression of daily infection on daily discharged, phase and time of infection and phase Time interaction is presented.
1	Abstract	This is done for Nepal.	This sentence seems very simple. Please use sentences that are suitable for academic publication.
1	Abstract	Ratio 2, is the ratio of Total New Cases to Total Deaths, measuring the contribution of total deaths to total infected.	Please pay attention to the use of upper case lower case letters.
1	Abstract	And Nepal and India are examples…	The author sholud use another conjunction for this sentence.
3 and others		All equations..	The equation numbers should be aligned.
5		Equation 4	Please edit equation 4 equality line.

1. Please add a separate paragraph in the introduction that clearly states the purpose of the study.
2. The conclusion should be improved with relevant research findings and scope the future work more clearly.