

# Review of: "Qualitative Analysis of a Time-Delay Transmission Model for COVID-19 Based on Susceptible Populations With Basic Medical History"

Yongchang Wei<sup>1</sup>

<sup>1</sup> Yangtze University

Potential competing interests: No potential competing interests to declare.

This paper introduces time delay, establishes a class of COVID-19 time-delay transmission model, obtains the basic reproduction number of its transmission, and determines the existence of the equilibrium point of the model. The global stability of the equilibrium point is proved by constructing the Lyapunov function and using the LaSalle invariance principle. The results obtained in this paper are interesting and I recommend it for publication in this journal.