

Peer Review

Review of: "Poisson Network SIR Epidemic Model"

Olivier Ribordy¹

1. Physique, génie physique et optique, Université Laval, Canada

To begin, the work is well written and well presented. However, the claim that the paper “presents a novel formulation of the classical SIR model” seems incorrect to me, as a complete analysis of the SIR model on Poisson networks had already been performed in Volz 2008. The latter paper is not even cited in this work. At minimum, I believe the authors should cite it and compare their work to that of Volz to highlight the originality of the novel model. The analysis of the Ebola data, however, is interesting and is original as far as I know. As such, I would perhaps recommend that the presentation of the article, in its title, abstract, and conclusion especially, reflect the application of the Poisson SIR model to that data more than the development of a “novel SIR model”, which I do not believe the paper does.

Declarations

Potential competing interests: No potential competing interests to declare.