

## Peer Review

# Review of: "Poisson Network SIR Epidemic Model"

Giuliano Punzo<sup>1</sup>

1. The University of Sheffield, Sheffield, United Kingdom

Although the claim is about a new approach to the SIR model, in my humble opinion, the work mainly presents an interesting case of fitting an SIR on Poisson networks to actual data, which are also incomplete (hence extra efforts were needed to adjust the dataset, which were well digested by the model). Besides that, I struggle to see substantial methodological advances. In particular, Proposition 1 appears pretentious. Proposition 1 is not quite what I would consider a result, rather a remark following directly from the way eq 6 and 2 are written. In fact, a proof is not even provided. Also, it is written in terms of “curves,” which is rather unusual in the literature. I suggest aligning the language to a more recognisable one for the statement to be appreciated by the control and dynamical systems readership.

## Declarations

**Potential competing interests:** No potential competing interests to declare.