JMIRx Med Chakalov

Peer-Review Report

Peer Review of "Modeling Years of Life Lost Due to COVID-19, Socioeconomic Status, and Nonpharmaceutical Interventions: Development of a Prediction Model"

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Related Articles:

Preprint (medRxiv): https://www.medrxiv.org/content/10.1101/2021.04.23.21256005v1

Preprint (JMIR Preprints): https://preprints.jmir.org/preprint/30144

Authors' Response to Peer-Review Reports: https://med.jmirx.org/2022/2/e38008/

Published Article: https://med.jmirx.org/2022/2/e30144/ (JMIRx Med 2022;3(2):e37985) doi: 10.2196/37985

KEYWORDS

COVID-19; pandemic; socioeconomic status; mortality; nonpharmaceutical interventions; prediction model; low-income status; life expectancy; public health; income groups

This is a peer-review report submitted for the paper "Modeling Years of Life Lost Due to COVID-19, Socioeconomic Status, and Nonpharmaceutical Interventions: Development of a Prediction Model."

Review Round 1

General Comments

The paper [1] is very well written and is very timely. I believe that this model will be informative in that it shows how long-term solutions rather than short term are needed to avoid greater losses in the long term. However, as the authors say, the model is based on somewhat weaker empirical research, so I look forward to seeing this model validated with data.

Specific Comments

Major Comments

- 1. I think it should be made clearer that this model is applied to US and European scenarios.
- 2. I believe that the paper and research are well motivated and show a necessity for more research on the proportional impact of socioeconomic status on years of life lost.

Minor Comments

3. There are several cases where the authors should correct some typos (eg, the European [the European what?] and sill vs still).

Conflicts of Interest

None declared.

Reference

1. John J. Modeling years of life lost due to COVID-19, socioeconomic status, and nonpharmaceutical interventions: development of a prediction model. JMIRx Med 2022;3(2):e30144 [FREE Full text]

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