Reviewer’s report

Title: Epidemiological analysis of the Kaohsiung city strategy for dengue fever quarantine and epidemic prevention

Version: 1 Date: 09 Feb 2020

Reviewer: Satinder Dahiya

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The revised manuscript "Epidemiological analysis of the Kaohsiung City strategy for dengue fever quarantine and prevention of epidemics" by Pan et al evaluates the correlations found between imported and indigenous dengue-fever cases, as well as the relationship between disease concealment period and risk of indigenous dengue-fever. I believe the manuscript is well packaged and the data analysis and presentation is quite lucid. The authors did a rigorous job of processing the available epidemiological data and formulated decent correlation studies to link the extent of indigenous dengue spread with dengue infection emanating from outside Taiwan. Such analyses is highly relevant and serves as an effective tool for local prevention and disease management efforts.

Few brief edits I recommend before the manuscript is ready for prime time are as follows:

1. Lines 240-241- the authors should add the word- "short-lived" when they state this fact about short lived cross protection because in case of dengue infection it is extremely crucial to emphasize that secondary infections (with different serotypes) are potentially more dangerous.

2. Table 2- "Total" column seems cutoff- please fix.

Overall, the manuscript reads well with well-defined data analysis and conclusions.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Unable to assess

Are the conclusions drawn adequately supported by the data shown?
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Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
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