Reviewer’s report

Title: A dynamic model and some strategies on how to prevent and control hepatitis C in mainland China

Version: 2 Date: 05 Jun 2019

Reviewer: Hla-Hla (Rosie) Thein

Reviewer's report:

The authors have made good changes according to reviewers' comments.

3 Results
3.1 Sensitivity analysis of $\mathcal{R}_0$

Page 9 line 33-37: "The sensitivity indices and corresponding % value needed to affect a 1% decrease in $\mathcal{R}_0$ are shown in Table 3 (e.g., in order to decrease the value of $\mathcal{R}_0$ by 1% it is necessary to decrease the value of $\beta_2$ by 1.7945% or increase the value of $\sigma$ by 2.7973%)". The authors changed "1.1945%" to "1.7945%".

As I mentioned before, on Table 3, Parameter $\beta_2$: Corresponding % changes reported as '-1.7945'. Should this "1.7945%" be changed to "-1.7945%"?

Fig. 3. Legend Entry Series to drop down bottom (e.g. no control, $2 \times \alpha$, $2 \times \delta$, $0.1 \times \beta_2, 0.1 \times \rho, 0.1 \times \beta_1, 0.1 \times \beta_3, 2 \times \sigma$)

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.

Yes

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

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

Quality of written English
Please indicate the quality of language in the manuscript:

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