Reviewer's report

Title: Seasonal and Climatic Variation in the Incidence of Adult Acute Appendicitis: A Seven Year Longitudinal Analysis

Version: 0 Date: 29 Feb 2020

Reviewer: Nan-Ping Yang

Reviewer's report:

That is an interesting article to reveal the climatic (seasonal) effect on the incident acute appendicitis. Some recommendations are suggested as below:

1. Incidence is used as the rate of incident cases among the target population. Please revise to be "incident cases" instead of "incidence".

2. Please show the distribution of treatments (surgical appendectomy, or medical management) of the enrolled cases.

3. A positive correlation (r=0.58) between temperature and incident cases was noted significantly (p=0.48). Please identify the p value ( p=0.048 ??).

4. The Y1 axis of figure should be the same with other figures (maximum 80).

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?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I am able to assess the statistics

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

Acceptable

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