Reviewer’s report

**Title:** A population-based cohort study of mortality of intensive care unit patients with liver cirrhosis

**Version:** 0 **Date:** 21 Aug 2019

**Reviewer:** Xiaofei Sun

**Reviewer's report:**

This manuscript aims to study the risk factors for mortality in ICU patients with liver cirrhosis. To answer this question, the authors investigated more than 30 thousands of ICU patients with and without liver cirrhosis. The authors made conclusion that the cirrhosis is exacerbated factors in cirrhotic ICU patients. Although this study is an interesting research topic and organized in a good shape, some work could be considered to add in this manuscript.

1. How about the history of alcohol-related cirrhosis and hospitalization prior to ICU admission.

2. The authors could consider use Odds Ratio and confidence intervals to present the data in Table.

**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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Please complete a declaration of competing interests, considering the following questions:

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3. Do you hold or are you currently applying for any patents relating to the content of the manuscript?

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