Dear Editors/Reviewers:

On behalf of my co-authors, we thank you very much for giving us an opportunity to revise our manuscript, we appreciate editor and reviewers very much for their positive and constructive comments and suggestions on our manuscript entitled “Mortality in patients with COVID-19 requiring extracorporeal membrane oxygenation: a meta-analysis”. (ID: 70103). We have studied reviewer’s comments carefully and have made revision which marked in red in the paper. Attached please find the revised version, which we would like to submit for your kind consideration.

We would like to express our great appreciation to you and reviewers for comments on our paper. Looking forward to hearing from you.

Thank you and best regards.

Yours sincerely,

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List of Responses

Dear Editors and Reviewers:

Thank you for your letter and the reviewer comments concerning our manuscript entitled “Mortality in patients with COVID-19 requiring extracorporeal membrane oxygenation: a meta-analysis” (ID: 70103). Those comments are all valuable and very helpful for revising and improving our paper, as well as the important guiding significance to our research. We have tried our best to revise our manuscript according to the comments and the language has been polished by native speaker in accordance with the suggestions from the reviewers. Revised portion are marked in red in the paper, and these changes will not influence the content and framework of the paper. The main corrections in the paper and the responds to the reviewer’s comments are as flowing:

Responds to the reviewer’s comments:

Reviewer #1 and Science editor:

1. Response to comment: There are few grammatical and typographical errors are noted in the manuscript and it should be carried throughout the manuscript.
   
   Response: We are very sorry for our negligence of making these errors and we have corrected this problem in the manuscript.

2. Response to comment: Check the abbreviations throughout the manuscript and introduce the abbreviation when the full word appears the first time in the text and then use only the abbreviation
   
   Response: We have made corrections about abbreviations according to the Reviewer’s comments. The corrections have been marked in red.

3. Response to comment: In the introduction, the authors may be given the recent updates since the authors given the data up to December 2020 only, and the introduction part is presented in very brief
and still there is a big gap in between the current study and existing literature


4. Response to comment: The term “in vitro” should be italic which is used in the inclusion and exclusion criteria in the materials and methods

Response: Thank you so much for your careful check and we have made correction already in the
5 Response to comment: The figure legends should be improved and a proper footnote should be given

Response: We are very sorry for our incorrect writing. Considering the Reviewer’s suggestion, we have re-written this part as follows: The figure legends:

Figure 1 Patients selection flowchart. COVID-19: Coronavirus disease 2019

Figure 2 Forest plot of in-hospital or short-term mortality in patients with COVID-19 requiring ECMO. COVID-19: Coronavirus disease 2019; ECMO: extracorporeal membrane oxygenation

Figure 3 Subgroup forest plot of in-hospital or short-term mortality in patients with COVID-19 requiring ECMO. There were significant differences in mortality between (A) location, (B) study setting, (C)sample size, and (D)NOS score groups respectively. COVID-19: Coronavirus disease 2019; ECMO: extracorporeal membrane oxygenation; NOS: Newcastle-Ottawa Scale

Company editor-in-chief:

1. Response to comment: Please provide the original figure documents. Please prepare and arrange the figures using PowerPoint to ensure that all graphs or arrows or text portions can be reprocessed by the editor. Authors are required to provide standard three-line tables, that is, only the top line, bottom line, and column line are displayed, while other table lines are hidden. Please upload the approved grant application form(s) or funding agency copy of any approval document(s).

Response: Thank you for your rigorous advice. We have revised and improved the pictures and tables of this manuscript according to your advice, and provided the original files. Also, we uploaded the approved grant application form and funding agency copy of approval document.
We appreciate for Editors/Reviewers’ warm work earnestly, and hope that the correction will meet with approval.

Once again, thank you very much for your comments and suggestions.

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