

Response to Reviewer 2 Comments

Dear reviewer:

Thank you very much for the time and effort that you have put into reviewing our manuscript. We really appreciate all your comments and suggestions which are undoubtedly very helpful and valuable for revising and improving our manuscript. Especially your kind comments have brightened our day. In what follows, we give the point-by-point response to the questions you mentioned and show a detailed account of the changes made to the original manuscript.

Point 1:

"I applaud the authors for including the search string used for the retrieval of publications in Pubmed in Table 1 but I would suggest moving the string itself to a supplementary figure and generating a more traditional table that summarizes the search terms used in the study. The current format makes it difficult to critically evaluate the search terms".

Response 1:

Thanks for your acknowledging our work on the search process. We have generated a new Table 1 to demonstrate the MESHs and their Synonyms respectively, hoping to provide a clear expression. We have also moved the search string to supplementary materials (Table S1).

Table 1. Search terms used in PubMed.

Mesh	Synonyms [Title/Abstract]
Infant OR Child OR Adolescent	Children OR adolescents OR adolescence OR teen OR teens OR teenager OR teenagers OR youth OR youths
SARS-CoV-2 OR COVID-19	Coronavirus Disease 2019 Virus OR 2019 Novel Coronavirus OR 2019 Novel Coronaviruses OR SARS-CoV-2 Virus OR SARS CoV 2 Virus OR SARS-CoV-2 Viruses OR 2019-nCoV OR COVID-19 Virus OR COVID 19 Virus OR COVID-19 Viruses OR SARS Coronavirus 2 OR Severe Acute Respiratory Syndrome Coronavirus 2 OR COVID 19 OR COVID-19 Virus Disease OR COVID 19 Virus Disease OR COVID-19 Virus Diseases OR COVID-19 Virus Infection OR COVID 19 Virus Infection OR COVID-19 Virus Infections OR 2019-nCoV Infection OR 2019 nCoV Infection OR 2019-nCoV Infections OR Coronavirus Disease-19 OR Coronavirus Disease 19 OR 2019 Novel Coronavirus Disease OR 2019 Novel Coronavirus Infection OR 2019-nCoV Disease OR 2019 nCoV Disease OR 2019-nCoV Diseases OR Coronavirus Disease 2019 OR SARS Coronavirus 2 Infection OR SARS-CoV-2 Infection OR SARS CoV 2 Infection OR SARS-CoV-2 Infections
COVID-19 Vaccines OR Vaccines OR Vaccination	Vaccine OR vaccine OR vaccins OR vaccinated OR vaccinal OR vaccinate OR vaccinated OR vaccinates OR vaccinator OR vaccinators OR vaccinating OR Vaccinations OR Active Immunization OR Active Immunizations
Surveys and Questionnaires OR Health Surveys	Survey OR surveys OR surveyed OR surveying OR questionnaire OR questionnaires OR questionnaire

Point 2:

“The image quality in Figure 1 is poor causing the text within the figure to be fuzzy. The authors should improve the image quality of the figure before publication. Figure 2 has a similar issue although to a lesser extent. Efforts should be made to improve both”.

Response 2:

Sorry for the problem caused by the poor quality of figures. We have improved the image quality of both Figure 1 and Figure 2.

Figure 1. PRISMA 2020 flow diagram for identification of studies via databases.

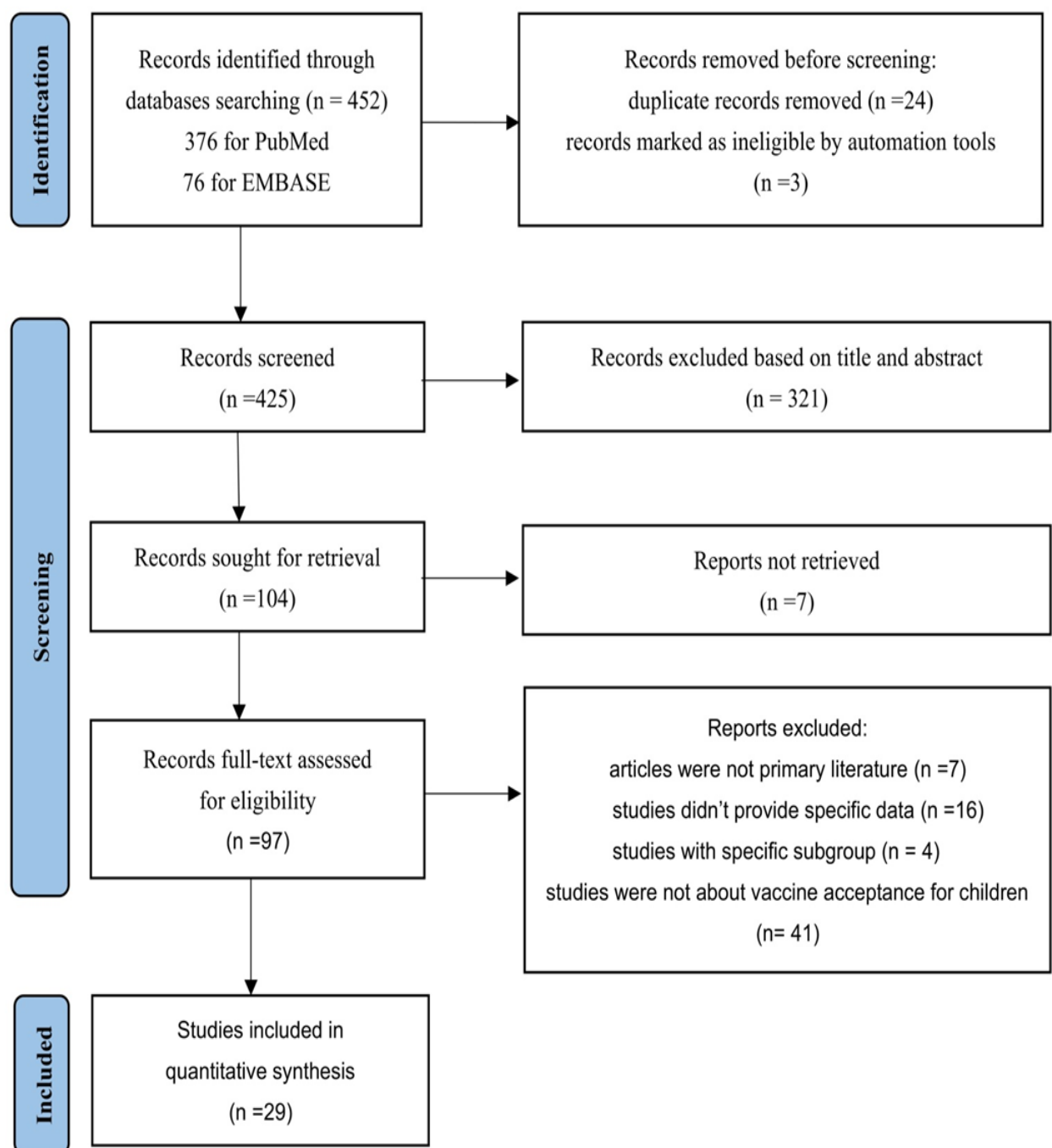
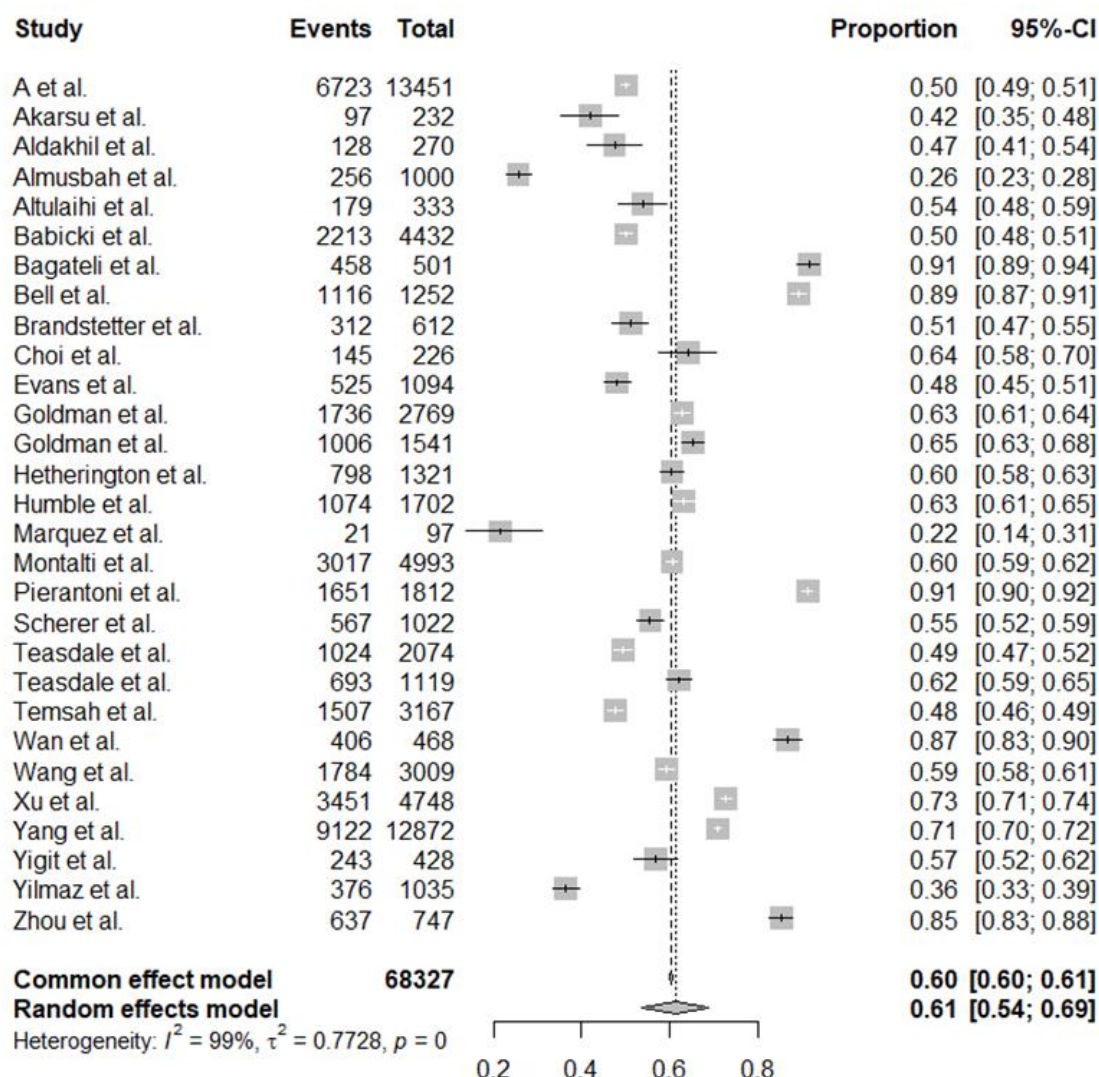


Figure 2. The forest plot of worldwide vaccination acceptance rate.



Point 3:

The authors rightly conclude in their manuscript that “given the limited quality and quantity of included studies, future studies with a rigorous design [are] necessary for the verification of our findings”, the authors should outline suggestions for the optimum design of future studies based on their analysis of the currently published literature in the discussion.

Response 3:

For the optimum design of future studies, outlining specific suggestions does matter. Therefore, we have added some suggestions when talking about the limitation of our study in the discussion part. Specific recommendations are made according to the shortcomings of both the included documents and our analysis itself:

Line 437-441, Page 15: “because of the data insufficiency, other determinants that might contribute to vaccination acceptance were not investigated in detail, including occupation, household income, COVID 19 infection history in the household, chronic diseases or immune-compromised conditions, prior adverse or side effects of vaccines, and so on”.

Line 447-449, Page 15: “Therefore, new researches, especially longitudinal studies at different intervals, will be needed to investigate the actual vaccination behavior and attitudes when vaccination programs for children commence.”

Line 458-461, Page 15: “In addition to these determinants observed in this study, uninvestigated factors mentioned above, scientific random sampling, focusing on a specific group of people instead of the general population may be good suggestions for future studies. Particular attention to context-specific conditions also matters”.

Thank you again for your constructive comments and suggestions on our manuscript. Any other comments are welcome by us, and we hope you will find our revised manuscript acceptable for publication.

Sincerely,

Yuan Shi on behalf of the authors