SCIENTIFIC QUALITY

Please resolve all issues in the manuscript based on the peer review report and make a point-by-point response to each of the issues raised in the peer review report. Note, authors must resolve all issues in the manuscript that are raised in the peer-review report(s) and provide point-by-point responses to each of the issues raised in the peer-review report(s); these are listed below for your convenience:

Reviewer #1:

Scientific Quality: Grade B (Very good)

Language Quality: Grade B (Minor language polishing)

Conclusion: Minor revision

Specific Comments to Authors: The method is described in detail. Multivariate logistic regression analysis and LASSO regression were used to analyze the factors related to postpartum depression in pregnancy-induced hypertension. R version 4.0.3 was used to construct a line graph risk predictive model. The area under the receiver operating curve was used to evaluate effectiveness. The results are very valuable in its field. As you mentioned in the manuscript that Early detection of high-risk patients with gestational hypertension is very important for clinical development of personalized prevention programs and patient prognosis. Comments: The manuscript is overall well written; however, a minor language editing is required.

Reply: Thank you for your recognition and correction of this study! We have rechecked and refined the language of this article.

Reviewer #2:

Scientific Quality: Grade C (Good)

Language Quality: Grade B (Minor language polishing)

Conclusion: Accept (General priority)

Specific Comments to Authors: Thank you very much for asking me to review this manuscript by Pan JW et al. This is a retrospective study to explore the risk factors of postpartum depression in patients with pregnancy-induced hypertension, construct a graph prediction model, and evaluate the predictive effect of the model. The result of the study is of interest and may help provide an objective reference for the treatment of postpartum depression in patients with pregnancy-induced hypertension. Overall, this study was well conducted with good methodology and intelligible English. And I found the manuscript original, very interesting, well-structured and with huge impact on clinical treatments. Comments/suggestions: 1. Title and key words - well chosen, proper and cover all the core result from the study. 2-The abstract - Address all the important component from the study. 3. Introduction contains the most important data to support the importance of the study. Describe the overall basic knowledge for this study. Moreover, the aim of the study is clear. 4. Material and methods - the paragraphs are generally well structured and explained. 5. Results section is well and clearly presented with pertinent statistics. 6. Discussion paragraph could be expanded to underline the clinical application of this study and the potential limitations. Also, directions for future research could be discussed. 7. Good quality of the Figures and Tables. I congratulate the authors for the captions to the tables and figures very explicative and complete. 8. References –appropriate, latest and important.

Reply: The clinical significance of this study has been appropriately expanded at the end. And the limitations of the study have been explained at the end. Thanks for all your suggestions!