

## Reponse letter

Reviewer #1:

**Scientific Quality:** Grade C (Good)

**Language Quality:** Grade B (Minor language polishing)

**Conclusion:** Minor revision

**Specific Comments to Authors:**

Early adolescent depression is difficult to identify, treatment effect is bad, poor prognosis, and prone to serious behavior such as suicide, incidence increased year by year, serious harm to adolescent physical and mental health. This study focuses on exploring the relationships between self-efficacy, parenting patterns, and major depression in adolescents. The study underscores the critical role of parenting in adolescent mental health. Positive parenting behaviors such as emotional warmth and understanding can serve as protective factors against depression, while harsh or neglectful parenting styles may exacerbate depressive symptoms. In addition, Enhancing adolescent self-efficacy appears crucial in mitigating depressive symptoms. Interventions aimed at improving self-efficacy could potentially reduce the risk and severity of depression in adolescents. The findings suggest that interventions targeting both parenting styles and adolescent self-efficacy could be effective in preventing and managing adolescent depression. Programs aimed at educating parents on positive parenting techniques and enhancing adolescents' belief in their own abilities could be beneficial. In conclusion, the study makes a significant contribution to the field of adolescent mental health by shedding light on the interplay between self-efficacy, parenting styles, and depression. Its findings have practical implications for both clinical interventions and public health policies aimed at promoting mental well-being in adolescents. With its methodological rigor and clear findings, this study provides a robust foundation for future research and intervention efforts in this critical area.

**Reply:** Thank you very much for your recognition and encouragement of our team's research results.

There are, however, some minor caveats and constraints as delineated below. 1) Ensure the sample includes diverse demographics to enhance generalizability of findings across different populations and cultural backgrounds.

**Reply:** Thanks for your kindly reminder. Modified as required.

2) While cross-sectional studies provide valuable insights, longitudinal studies could offer deeper insights into how these factors evolve over time and their long-term impact on mental health outcomes.

**Reply:** Thanks for your kindly reminder. We've modified it in the text.

3) Consider controlling for additional variables (e.g., socioeconomic status, academic performance) that may influence both parenting styles and mental health outcomes.

**Reply:** Thanks for your kindly reminder. This has been raised.

4) Incorporating qualitative methods (e.g., interviews, focus groups) alongside quantitative measures could provide richer understanding of adolescents' experiences and perceptions related to self-efficacy and parenting.

**Reply:** Thanks for your kindly reminder. Modified as required.

5) Discuss how findings align with existing literature on adolescent depression and expand on implications for broader psychological theories or frameworks.

**Reply:** Thanks for your kindly reminder. This has been raised in the discussion.

Reviewer #2:

**Scientific Quality:** Grade B (Very good)

**Language Quality:** Grade B (Minor language polishing)

**Conclusion:** Minor revision

**Specific Comments to Authors:**

The study addresses a significant issue—adolescent mental health and depression—which is a critical concern worldwide. Understanding the role of self-efficacy and parenting styles in depression can provide valuable insights for intervention and prevention strategies. Using a cross-sectional survey design is appropriate for exploring correlations between variables like self-efficacy, parenting styles, and depression symptoms. The use of established scales (GSES, EMBU, BDI) enhances the reliability and validity of the data collected. What's more, this study found clear associations between parenting styles (emotional warmth, punishment severity, denial) and depressive symptoms in adolescents. It also highlighted the significant impact of self-efficacy on depressive symptoms, showing that higher self-efficacy correlates with lower levels of depression. Overall this is an interesting paper and the results presented are novel and important. The conclusion emphasizes practical implications for interventions aimed at improving adolescent mental health. Highlighting the importance of enhancing self-efficacy and promoting positive parenting styles could inform policies and programs targeting adolescent depression.

**Reply:** Thank you very much for your recognition and encouragement of our team's research results.

I have a few comments to help improve some parts of the study: 1. In the methods section, please provide the information about how was the sample size determined? Is the sample size of 120 patients and 120 healthy adolescents enough for this study?

**Reply:** Thanks for your kindly reminder. Modified as required.

2. In the methods section of statistical analysis, Please indicate the statistical methods used in this study.

**Reply:** Thanks for your kindly reminder. Added as requested.

3. In Table 2-4, "P=0.000" is not accurate enough. It could be written as "P<0.001", consistent with the main text. In the result 3.5, it would be better to provide a figure of correlation analysis to present their data. What's more, in the previous results section, the author used "P<0.001", while "P<0.01" were used in result 3.5. If "0.001

**Reply:** Thanks for your kindly reminder. We have modified as requested.

**Editorial Office's comments.** Authors must revise the manuscript according to the Editorial Office's comments and suggestions, which are provided below:

**(1) Science Editor:**

**1 Scientific quality:** The authors submitted a study of correlation between self-efficacy, parental parenting patterns, and severe depression in adolescents. The topic is within the scope of the journal.

(1) **Classification:** Grade B and Grade C.

(2) **Summary of the Peer-Review Report:** Reviewer 1 point out that the authors need to provide How was the sample size determined? Is a sample size of 120 patients and 120 healthy adolescents sufficient for this study?

**Reply: Thanks for your kindly reminder. Modified as required.**

In addition, the authors need to describe the statistical methods used in this study.

**Reply: Thanks for your kindly reminder. Added as requested.**

In Table 2-4, "P=0.000" could be written as "P<0.001" to be consistent with the text.

**Reply: Thanks for your kindly reminder. This has been raised.**

In Result 3.5, it would be better to provide a correlation analysis graph to show their data.

**Reply: Thanks for your kindly reminder. Added as requested.**

In addition, authors need to check the P-value related content in the full text.

**Reply: Thanks for your kindly reminder. Checked in full as requested.**

Reviewer 2 point out that 1) Ensure that the sample includes diverse demographic characteristics to increase the generalizability of the findings across populations and cultural contexts.

**Reply: Thanks for your kindly reminder. Modified as required.**

3) However, longitudinal studies can provide more insight into how these factors evolve over time and their long-term effects on mental health outcomes.

**Reply: Thanks for your kindly reminder. Added as requested.**

4) Consider controlling for other variables that may influence parenting styles and mental health outcomes (e.g., socioeconomic status, academic achievement).4) Combining qualitative methods (e.g., interviews, focus groups) with quantitative methods could provide a richer understanding of adolescents' experiences and perceptions of self-efficacy and parenting.

**Reply: Thanks for your kindly reminder. Added as requested.**

5) Discuss how the findings align with existing literature on adolescent depression and expand on implications for broader psychological theories or frameworks. The questions raised by the reviewers should be answered.

**Reply: Thanks for your kindly reminder. This has been raised in the discussion.**

(3) **References recommendations:** The reviewer didn't request the authors to cite improper references published by him/herself.

(4) **Manuscript Type:** After verification, the manuscript type is "Retrospective Study".

**Reply: Thanks for your kindly reminder.**

## **2 Specific comments**

(1) **Country/Territory of origin:** Please verify if the "Country/Territory of origin: China" submitted by the system is correct?

**Reply: Thanks for your kindly reminder. Confirmation of correctness.**

(2) The language classification is Grade B. Please visit the following website for the professional English language editing companies that we recommend: <https://www.wjgnet.com/bpg/gerinfo/240>.

**Reply: Thanks for your kindly reminder.**

(3) **Manuscript Title:** A succinct and impactful title will include minimal nonfunctional words, such as "a," "an," "the," "roles of," etc. and will avoid non-standard abbreviations.

**Reply: Thanks for your kindly reminder. The title has been revised to read "Correlation between self-efficacy, parental parenting patterns, and severe depression in adolescents".**

(4) **Author list.** Author names (unabbreviated) should be given as **first name, middle name initial (with no period) and family (sur)name**, and typed in bold with the first letter of each capitalized.

A hyphen should be included between the syllables of **Chinese names**. For example: Yi-Fan Chang, Jia-Jing Li, Tao Liu, Chong-Qing Wei, Li-Wei Ma, Vladimir N Nikolenko, Wei-Long Chang.

**Reply: Thanks for your kindly reminder. Added as requested.**

(5) **Authors and institution(s):** Author names should be written out first (as **first name, middle name initial (with no period) and family (sur)name**; with a hyphen included between the syllables of Chinese names) and typed in bold, followed by a comma and the complete name of the affiliated institution, city, province/state, postcode and country typed in non-bold. Examples for authors name and institutions are:

**Yi-Fan Chang, Tao Liu, Chong-Qing Wei, Wei-Long Chang**, Department of Gastrointestinal Surgery, The First Affiliated Hospital of Zhengzhou University, Zhengzhou 450052, Henan Province, China

**Reply: Thanks for your kindly reminder. We have modified as requested.**

(6) **Author contributions:** The 'Author contributions' passage describes the specific contribution(s) made by each author. The author's names will be listed in the following format: full family (sur)name, followed by abbreviated first and middle names. For example, Bryan L Copple should be revised as Copple BL.

**Reply: Thanks for your kindly reminder. Added as requested.**

(7) **The “Key Words” does not meet the requirements:** The first letter of each keyword will be capitalized, and each keyword will be separated by a semicolon, with no terminal period. **An example of correct formatting is:** Non-alcoholic fatty liver disease; Alcoholic liver disease; Non-alcoholic steatohepatitis; Insulin resistance; Oxidative stress.

**Reply:** Thanks for your kindly reminder. This has been raised.

(8) **Core Tip.** The Core Tip is a short paragraph that is independent of the content of the Abstract. The ‘Core Tip’ will provide a succinct summary of the study that outlines its most innovative and important arguments. This section should be less than 100 words. Abbreviations must be defined upon first appearance in the Core Tip. Do not use non-standard abbreviations, unless they appear at least two times in the text preceding the first usage/definition.

**Reply:** Thanks for your kindly reminder. Core tips have been added as requested.

(9) **There are issues with the references:** Please provide the PMID numbers (<https://pubmed.ncbi.nlm.nih.gov/>) and DOI citation numbers (<https://doi.crossref.org/simpleTextQuery>) to the reference list and list all authors of the references. If a reference has no PMID and DOI, please provide the source website address of this reference.

To ensure the accuracy of the references, please use "Edit References by Auto-Analyser" (<https://www.f6publishing.com/Forms/main/ArticleReferenceTool.aspx>) to edit the references of the manuscript.

**Reply:** Thanks for your kindly reminder. It has been processed by a document editor to ensure correct formatting.

(10) **Tables.** Please provide us with the table as a word document.

**Reply:** Thanks for your kindly reminder. Already provided.

(11) When listing the sub items included in a major item in the main text, priority should be given to using numerical numbers to connect them, for example: **(1); (2) ; and (3)**. The serial numbers are connected by semicolons, and the last one needs to be preceded by “and”. For example: (1) A; (2) B; (3) C; **and** (4) D.

**Reply:** Thanks for your kindly reminder. Already Checked.

(12) **Abstract.** The 5 sections of the structured abstract are: **BACKGROUND; AIM; METHODS; RESULTS; CONCLUSION.**

**Reply:** Thanks for your kindly reminder. Conform to the above format.

(13) **Main text.** The main text contains **INTRODUCTION; MATERIALS AND METHODS; RESULTS; DISCUSSION; and CONCLUSION.**

**Reply:** Thanks for your kindly reminder. Conform to the above format.

(14) Please provide the primary version (PDF) of the Institutional Review Board's official approval, prepared in the official language of the authors' country.

**Reply:** Thanks for your kindly reminder. Already provided.

(15) Please provide the primary version (PDF) of the Informed Consent Form that has been signed by all subjects and investigators of the study, prepared in the official language of the authors' country.

**Reply:** Thanks for your kindly reminder. Already provided.

(16) Please provide the filled conflict-of-interest disclosure form.

**Reply:** Thanks for your kindly reminder. Already provided.

(17) Please provide the Biostatistics Review Certificate.

**Reply:** Thanks for your kindly reminder. Already provided.

**3 Recommendation:** Conditional acceptance.

Language Quality: Grade B (Minor language polishing)

Scientific Quality: Grade B (Very good)

**(2) Company Editor-in-Chief:**

I have reviewed the Peer-Review Report, full text of the manuscript, all of which have met the basic publishing requirements of the *World Journal of Psychiatry*, and the manuscript is conditionally accepted. I have sent the manuscript to the author(s) for its revision according to the Peer-Review Report, Editorial Office's comments and the Criteria for Manuscript Revision by Authors.

**作者返修手稿建议**

尊敬的作者：为了提高作者手稿的学术质量、语言表达质量、格式修改质量、图片图注修改质量和表格修改质量，以便缩短手稿出版周期，并且促进手稿顺利接受和在线发表，我们强烈建议作者采取以下措施以解决返修手稿过程中的重要问题。

**第一，返修手稿。**请作者邀请编辑部认可的英文语言润色专业公司 (<https://www.wjgnet.com/bpg/gerinfo/240>)，或其它英文语言润色专业公司协助作者按照 *Checklist for Authors to Revise a Manuscript* 要求修改手稿中的每一项内容。另外，作者指南，见：<https://www.wjgnet.com/bpg/gerinfo/204>。作者邀请专业英文语言润色公司的目的是对手稿的题目、短标题、作者贡献分布、核心内容提要、关键词、摘要（摘要中不能够出现引用文献信息）、正文、表格表注、图注、公式、特殊字符、参考文献序号引用顺序等进行核实和规范格式，以及语言润色等。非英文母语作者返修手稿时，务必邀请英文语言润色专业公司来解决手稿的英文语言表达问题。如果手稿出版后被发现英文语言表达出现严重问题，文章将会按照撤稿处理，

这将会对作者的学术声誉造成严重危害。撤稿声明（Retraction Note）举例见：<https://www.wjgnet.com/2307-8960/full/v12/i19/4029.htm>。为了确保手稿的英文语言表达质量，作者必须要请英文语言润色公司出具返修手稿后的英文语言润色证明。

**第二，同行评议。**邀请论文润色公司，依据同行评议报告和科学编辑评论，协助作者对手稿的研究方法、数据分析和论点逻辑等进行进一步地审核，确保手稿学术上的正确性。

**第三，作者姓名汉语拼音拼写规则。**先名后姓；首字母大写；双名之间用半字线“-”分开；多作者时姓名间加逗号。示例：“王金磊”的姓名汉语拼音拼写规则示例为“**Jin-Lei Wang**”。

**第四，图片和线条图。**请论文润色公司协助作者解决图片和线条图规范化的问题，并且提供在PowerPoint上可编辑的分解图。图片和线条图一般由图、图号、图题和图注构成。图片全文依序编号。只有一个图片时仍应编号。示例：“Figure 1”、“Figure 2”。与此同时，同一个主题内容的彩色图、黑白图、和线条图，应统一使用一个主题，并且每个子图的注解分别叙述。示例：**Figure 1 Pathological changes of atrophic gastritis after treatment. A: ...; B: ...; C: ...; D: ...; E: ...; F: ...; G: ....**

**第五，三线表。**请论文润色公司协助作者解决三线表格规范化的问题。三线表格一般由表号、表题、表头、表身和表注构成。三线表由顶线、横表头线和底线组成。表格全文依序编号。只有一个表格时仍应编号。示例：“Table 1”、“Table 2”。

**第六，参考文献。**首先，顺序编码。请按照参考文献在正文中出现的先后顺序编码用阿拉伯数字加方括号[ ]标出。示例：手术方法按照参考文献[8]。每篇参考文献应包含 PMID 和 DOI 号码。参考文献测试系统，见：<https://www.f6publishing.com/Forms/main/ArticleReferenceTool.aspx>。其次，作者引用文献的相关性。作者必须尊重前人的相关重要研究成果。如果发现作者引用的文献与手稿主题内容没有明确的相关性或者没有引用前人相关的重要研究成果，手稿将会按照退稿处理。请作者务必重新核实每条参考文献引用与手稿主题内容是否密切相关，是否遗漏重要文献。其三，作者引用本人工作。请作者核实引用作者本人文献的必要性。如果发现作者没有必要地大量引用自己发表的文章，手稿将会被按照退稿处理。其四，同行评议人推荐作者引用文章。如果作者认为确有必要引用同行评议人推荐的文章，并且推荐的文章是他人的关键性工作就可以引用或请拒绝引用。

**第七，学术查重。**邀请论文润色公司协助作者对手稿进行学术查重。手稿一旦被编辑部判定为存在抄袭，将会被退稿。

**第八，语言润色。**邀请论文润色公司协助作者解决手稿中的拼写错误、语法错误、时态错误、单复数错误、标点错误和科学用词错误等等。

**第九，基金资助项目批准文件。**如果手稿有基金项目支持，作者必须上传 PDF 格式的基金资助项目批准文件。

**第十， 致谢。**不允许将语言编辑公司名称和基金资助项目名称列在致谢中。

**最后，提交手稿。**最终论文润色公司协助作者完成手稿修改，并确认手稿书写格式符合期刊作者指南（<https://www.wjgnet.com/bpg/gerinfo/204>）标准后在线提交手稿。

**回复：非常感谢您的建议。我们已经按照上述要求检查了手稿并按要求进行修改了。**