

Reviewer #1:

Scientific Quality: Grade B (Very good)

Language Quality: Grade B (Minor language polishing)

Conclusion: Minor revision

Specific Comments to Authors: Accumulated evidence suggests that environmental factors play a role in altering serotonin levels, leading to depression, at the same time, Corresponding therapies have been developed and used. While many literatures have discussed the relationship between environmental factors and depressive disorders, the interactions between different environmental factors have rarely been considered. In this retrospective Study, authors investigated the effects of meteorological factors and air pollution on depressive disorders, including their lagged effects and interactions. I find this paper original and well written, and the number of samples in this study is up to standard, and the statistical method is correct, and the final result is also positive. I have really appreciated the discussion section and I do believe it would be of interest to the readers of World Journal of Psychiatry.

To Reviewer #1: Thank you for your time spent on our manuscript and your favorable comments for it. The manuscript was carefully edited for better language, grammar and clarity. All typos and redundant punctuations have been removed.

Reviewer #2:

Scientific Quality: Grade C (Good)

Language Quality: Grade B (Minor language polishing)

Conclusion: Minor revision

Specific Comments to Authors: I read this manuscript with great interesting. The literature has discussed the relationship between environmental factors and depressive disorders. It's well performed. The findings in this study are interesting. Four meteorological factors and six air pollutants were considered predictors in the time-series models. Air temperature, atmospheric pressure, wind speed, relative humidity, and nitrogen dioxide (NO₂), the air pollutant, have effects on the daily hospital admissions for depressive disorders, and interactions exist between meteorological factors and ambient air pollution. The samples in the study are so enough. The data are reasonably analyzed and interprets by the authors. The illustrations are relevant and informative, and the conclusion is an effective complement to the complex relationships of environmental factors.

To Reviewer #2: We would like to thank you for your helpful comments concerning our manuscript. We have studied the comments carefully and made correction to improve the language, grammar and clarity. We trust that the revised manuscript is acceptable for publication.

JOURNAL EDITORIAL BOARD COMMENTS TO AUTHORS

Respond to the suggestions of the reviewers.

Response: Thank you for your comment. Previously, We have revised the manuscript based on the reviewer's comments, and we have also responded to the reviewer's

comments.