Dear Editor,

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 "Changes in neurotransmitter levels, brain structural characteristics, and their correlation with PANSS scores in patients with first-episode schizophrenia". We have fully revised the manuscript according to you and the reviewers' comments in the revised manuscript and as follows:

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.

Reviewer 1 Comments:

1) A short background should be added to the abstract.

Response: Dear reviewer, thanks for your review. According to your advice, the background of this study has been added to the abstract. Please check. Thank you very much for your review again.

2) In the abstract, the results section is too long. Please short it.

Response: Dear reviewer, thanks for your review. According to your advice, the results section in the abstract has been shortened. Please check. Thank you very much for your review again.

- 3) The references list should be edited carefully according to the journal's guideline. Response: Dear reviewer, thanks for your review. According to your advice, the reference has been checked and revised to meet the guideline of the journal. Please check. Thank you very much for your review again.
- 4) Table should be double checked and moved to the end of the text.

Response: Dear reviewer, thanks for your review. According to your advice, the tables have been moved to a separate document. Please check. Thank you very much for your review again.

Reviewer 2 Comments:

The manuscript requires a minor editing. No other specific comments.

Response: Dear reviewer, thanks for your advice. According to your advice, the manuscript has been checked and revised. Please check. Thank you very much for your review again.

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.

Best regards

Ben Pu