Reviewer’s report

Title: Severity in sustained attention impairment and clozapine-resistant schizophrenia: a retrospective study

Version: 0 Date: 23 Mar 2019

Reviewer: Julia Vakhrusheva

Reviewer’s report:

The current manuscript examined the relationship between treatment-resistant status in schizophrenia and impairments in sustained attention as measured by CPT. The manuscript is interesting, timely, very well written, and had several notable strengths, including excellent and clear methodology and statistical analyses, good sample size, and it addressed an important area in the literature that has yielded mixed findings thus far. The manuscript is suitable for publication. To further improve it, please see suggestions below:

1. In the introduction, the authors discuss the potential for their findings to further inform the neurodevelopmental model of schizophrenia as well as contribute to a discussion on how sustained attention impairments may lead to treatment resistance. Could these points be further developed in the discussion in light of the authors' findings?

2. The authors do an excellent job of presenting the mixed results in the literature, and some research has implicated the use of different CPT tasks in contributing to studies reporting different findings (Kahn et al., 2012). Could the authors address this in the discussion?

3. Could the authors elaborate on the potential clinical, treatment, or assessment implications of these findings?

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Yes

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes
Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I am able to assess the statistics

Quality of written English
Please indicate the quality of language in the manuscript:

Acceptable

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