

Dear Editor

Thank you for considering our manuscript.

We have answered the questions by Reviewer and Editor:

Reviewer #1:

Scientific Quality: Grade C (Good)

Language Quality: Grade B (Minor language polishing)

Conclusion: Major revision

Specific Comments to Authors: Alcohol and drug use disorders in an adult attention-deficit/hyperactivity disorder clinical population: Prevalence and associations with ADHD symptom severity and emotional dysregulation This manuscript represents an observational study of the prevalence of alcohol and drug use in adults with ADHD and/ or emotional dysregulation. Reported results show higher prevalence of DUD but not AUD among adults with ADHD and increased risk for DUD in men with ADHD and adults with emotional dysregulation. AUD risk was related to increased age and maleness. Results are discussed in relation to better understanding the risk for AUD and DUD in the adult ADHD population. This is a well powered study of a clinical sample and provides insight into the prevalence of comorbidity of ADHD and substance disorders. I think some adjustments would contribute to strengthening this important clinical information:

1. The use of the same sample for testing two hypotheses calls for multiple test correction.

We agree. We have changed the significance level and added a new sentence in *Statistical analysis, pages 7/8*: Because of our two hypotheses, we used multiple test correction according to Bonferroni, considering differences significant if $P < 0.025$.

2. Was living with children part of time (partial custody) defined as living with or not living with children? I am not clear about the significance of this information to the analysis or the manuscript. The information was briefly presented in the results and not discussed in the discussion.

We have chosen to present the social situation of participants given as marital status, education level, work participation and whether they were living with children. This was done because we wanted to give as much information as possible about their living situation. We have added "inclusive partial custody" in the description of measures, page 6.

3. The use of stimulants as a treatment for ADHD and the relationship between the prescribed stimulants and stimulants associated with DUD is not distinguished or discussed. Nor are any other medication effects.

Thank you for addressing this important point, but unfortunately most of this concern is outside the concept of this article. We have included a sentence stating that none of the participants were using prescribed drugs prior to the study inclusion in the description of participants, page 6.

Science Editor: 1 Scientific quality: The manuscript describes an observational study of the alcohol and drug use disorders in an adult ADHD clinical population. The topic is within the scope of the WJP. (1) Classification: Grade C; (2) Summary of the Peer-Review Report: This is a well powered study of a clinical sample and provides insight into the prevalence of comorbidity of ADHD and substance disorders. Some adjustments would contribute to strengthening this important clinical information; and (3) Format: There are 4 tables. A total of 52 references are cited, including 12 references published in the last 3 years. There are no self-citations. 2 Language evaluation: Classification: Grade B. A language editing certificate issued by Filipodia was provided. 3 Academic norms and rules: The authors provided the Biostatistics Review Certificate, the signed Conflict-of-Interest Disclosure Form and Copyright License Agreement, the Institutional Review Board Approval Form, the Written informed consent, and the STROBE Statement. No academic misconduct was found in the CrossCheck detection and Bing search. 4 Supplementary comments: This is an unsolicited manuscript. The study was supported by 1 grant. The topic has not previously been published in the WJP. 5 Issues raised:

- (1) The authors did not provide the approved grant application form(s). Please upload the approved grant application form(s) or funding agency copy of any approval document(s); and

We have uploaded the missing document.

- (2) PMID and DOI numbers are missing in the reference list. Please provide the PubMed numbers and DOI citation numbers to the reference list and list all authors of the references. Please revise throughout.

We have revised the reference list and added PMID or DOI numbers where possible.

6 Re-Review: Not required. 7 Recommendation: Conditional acceptance.

We hope this was substantiating.

All the best

Espen Anker