Author’s response to reviews

Title: Diagnostic validity of the MINI-KID disorder classifications in specialized child and adolescent psychiatric outpatient clinics in Sweden

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Editor Comments:

I think that you did a great job in revising your manuscript. I have only few minor comments that need to be addressed before I can accept the manuscript for publication. I hope that you will find my suggestions helpful.

Thank you very much for the suggestions!

1. I think that it would be better to reframe your study as study aiming at comparing a new measurement system with a well-known diagnostic system. This will only require some rephrasing - e.g., Abstract: Please, consider rephrasing the sentence, “The diagnostic validity of the Swedish
language version of the MINI-KID Interview in secondary child and adolescent psychiatric outpatient care was studied using research diagnoses according to LEAD (Longitudinal, Expert, All Data) as the criterion.” as follows, “The concordance between the Swedish language version of the MINI-KID Interview and LEAD (Longitudinal, Expert, All Data) research diagnoses was studied in secondary child and adolescent psychiatric outpatient care.”

I am suggesting this because you did not provide any evidence of the reliability of the LEAD diagnosis (e.g., inter-rater reliability of the LEAD diagnosis in a subsample of participants) and because you did not provide any evidence of the nomological network validity of both the LEAD diagnoses and the MINI-KID diagnosis (e.g., associations between the MINI-KID diagnoses and a measure of disability).

Answer:
The text is revised according to your suggestions on page 2 line 7-9 and page 5 line 6-8.

2. I think that neither Gwet’s AC1, not Cohen’s k represents the best way to compare a new measurement system (i.e., MINI-KID) with a “gold-standard” (i.e., LEAD diagnosis) – see, for instance, Stevens, Steiner and MacKay (2017). Thus, I think that the best way to proceed in this specific case is: (a) delete both Gwet’s AC1, and Cohen’s k coefficients throughout the manuscript; (b) Tables 2-4: delete the columns in which you presented Gwet’s AC1, and Cohen’s k, present % of POSITIVE agreement and % of NEGATIVE agreement (rather than a common Percent of agreement); c) compute Positive likelihood ratio Negative likelihood ratio.

Answer:
Tables 2-4 have been revised and the both measures Gwet’s AC1 and Cohen’s k are removed from the manuscript. Parts of the methods section (page 9 line 5-31, page 10 line 1-6), abstract (page 2 line 13-16) results (page 11 line 30-32, page 12 line 1-11) and discussion section (page 13 line 3-16 page 14 line 21-23) have been revised accordingly.

Minor points:
- p. 4 (line 17): Please, rephrase the sentence, “However, a recent comprehensive review by Laura Duncan et al of published evidence on the test–retest” as follows, “However, a recent comprehensive review by Duncan et al of published evidence on the test–retest…”

Answer: This is now changed.

- p. 6 (line 19): Please, rephrase the statement, “…in a few cases shorter questionnaires were used, for example regarding symptoms of depression.” as follows, “…in a few cases short questionnaires were used, for example regarding symptoms of depression.”

Answer: This is now changed

- p. 7 (line 7), MINI-KID description: Please, do not list all the modules of the MINI-KID – e.g., summarize main information to improve readability.

Answer: The description of MINI-KID is revised (page 7 line 10-13).
- p. 7 (line 1), Please, clarify the sentence, “The message at the project-specific education was that the structure of MINI-KID had 1 to be followed.”

Answer: The sentence is now clarified (page 7 line 26-29).

- p.8 (line 13), “The LEAD assessments were performed by clinical senior experts, psychiatrists and psychologists with many years of clinical experience…” Please, specify the mean (and SD) years of experience (or at least, the age range).

Answer: The mean (and SD) years of experience is now presented (M=24.2, sd=6.6)