Reviewers report

Title: An outreach collaborative model for early identification and treatment of mental disorder in Danish workplaces

Version: 0 Date: 09 May 2018

Reviewer: JianLi Wang

Reviewer's report:

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This study used longitudinal data to:

- investigate the feasibility of the universal screening model, measured as fractions of identified clinical and subclinical cases, fraction of cases who accepted treatment and fraction of cases who completed treatment

- describe the distribution and characteristic of clinical and subclinical cases identified by the universal screening model

- describe the effect of allocated treatment on symptomatology for clinical and subclinical cases

From a longitudinal cohort, the authors identified the group with a psychiatric diagnosis (n = 38), the group of subclinical cases (n = 20), and untreated cases (n = 15). The pre-post comparison and comparison with untreated cases in change in symptom scores were made. They found that there were significant changes in all three groups; the changes between the treatment group and untreated group were not significant.

This study did not use randomized controlled trial design. The sample size was small, with considerable attritions. The comparison with untreated case group does not provide valid evidence about treatment effect.

To assess feasibility, it is rare to use prevalence as measures for feasibility. How feasibility is determined based on prevalence? What is the "desired" prevalence that ascertains the study is feasible?
How many employees did each of the 6 companies have? What was the baseline response rate? How the questionnaires were distributed to these employees?

"Altogether, 1292 employees received one or more questionnaires throughout the study, and 853 responded to at least one questionnaire." This sentence is not clear.

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

No

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

No

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

No

**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 recommend additional statistical review

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Please indicate the quality of language in the manuscript:

Acceptable
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