Peer Review Report

Review Report on Pain as a symptom of mental health conditions among undocumented migrants in France: Results from a cross-sectional study

Original Article, Int J Public Health

EVALUATION

Q 1   Please summarize the main findings of the study.

No answer given.

Q 2   Please highlight the limitations and strengths.

Thank you for the opportunity to review this interesting manuscript making good use of great data but that still needs some work!

The text needs to be better proofread and edited, preferable by a native English speaker.

The introduction needs restructuring.

I believe the author should first describe undocumented migrants, and who they are and the what is known about their health status in general and in France in particular. Then describe pain and how its related to mental health, first in the general population and how it is related to socioeconomic factors in the general population and last in the UM population. Lastly what is known of pain/mental health in undocumented migrants and research questions etc.

In the introduction, where the authors describe the social determinants of health among migrants, the text needs to be more specific with regards to what type of migrants we are talking about. Some migrants do have very favorable conditions.

I wonder about the confounders. Did the authors include all these possible confounders in the logistic regression models or only some. If all, what about collinearity and the risk of over adjusting. If not, all what variables were included and how did you come to the conclusion to include them?

There are French word in the tables.

The headings (in bold) are the same for both Sections and sub-sections and this makes the manuscript a little difficult to read.

The confidence intervals are very wide, and I think the authors needs to be much more nuanced in their conclusions. It's true that sleeping disorders were significant however the confidence intervals were very wide this should be interpreted with caution.

Q 3   Please provide your detailed review report to the authors. The editors prefer to receive your review structured in major and minor comments. Please consider in your review the methods (statistical methods valid and correctly applied (e.g. sample size, choice of test), is the study replicable based on the method description?), results, data interpretation and references. If there are any objective errors, or if the conclusions are not supported, you should detail your concerns.

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PLEASE COMMENT

Q 4 | **Is the title appropriate, concise, attractive?**

Its appropriate

Q 5 | **Are the keywords appropriate?**

They are ok

Q 6 | **Is the English language of sufficient quality?**

No

Q 7 | **Is the quality of the figures and tables satisfactory?**

No.

Q 8 | **Does the reference list cover the relevant literature adequately and in an unbiased manner?)**
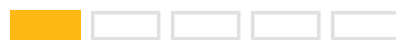
yes

QUALITY ASSESSMENT

Q 9 | **Originality** — 2/5

Q 10 | **Rigor** — 2/5

Q 11 | **Significance to the field** — 4/5

Q 12 | **Interest to a general audience** — 3/5

Q 13 | **Quality of the writing** — 1/5

Q 14 | **Overall scientific quality of the study** — 3/5

REVISION LEVEL

Q 15 | **Please make a recommendation based on your comments:**

Major revisions.