Peer Review Report

Review Report on Mental multimorbidity among general-population adults: sex-specific sociodemographic profiles of anxiety, insomnia, and eating disorders Text word count: 2,576

Original Article, Int J Public Health

Reviewer: Erwin Calgua
Submitted on: 08 Aug 2024
Article DOI: 10.3389/ijph.2024.1607546

EVALUATION

Q 1   Please summarize the main findings of the study.

The main findings are:

There is a Overall Prevalence of 40.6% of > 1 mental health conditions

Most prevalent comorbidity was anxiety and insomnia (6.1% men; 6.4% women)

Least prevalent comorbidity was insomina and Eating Disorders (0.9% men; 1.6% women)

Le largest group of women aged 18-39 years old were found in the axiety and ED group

Women aged >= 60 years were found in the multimorbid anxiety insomnia ED group

Interesting to note is the women that had anxiety and ED and were both underweight (10.1%) and current smoking (18.8%)

Men with comorbid anxiety an dEd were the most likely to be without professional activity

Q 2   Please highlight the limitations and strengths.

Limitations:

As stated, is a cross-sectional design therefore causality cannot be infered

Lack of inclusion in the analysis of possible mediators

It does not provide information about ethnicity

Strengths:

It is a well design cohort

the large numbers in the sample

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.

The descriptive nature of the study, which is well supported by the previos publication of the design and methods of teh cohort, allows me to share that I do not have recommendations for the authors, because, as stated by them, the value of the study is based on the description of sociodemographic profiles that relates to comorbid/multimorbid states, which could assist in identify at risk populations where intervention strategies could be applied, and from my perspective, they have achieved this aim in a simple, direct and clear manner.

PLEASE COMMENT

Q 4   Is the title appropriate, concise, attractive?

The title is appropriate, concise and attractive

Q 5   Are the keywords appropriate?

Instead of sleep health I will add the keyword: comorbidity

Q 6 — Is the English language of sufficient quality?

The English language is of sufficient quality

Q 7 — Is the quality of the figures and tables satisfactory?

Yes.

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

The reference list is relevant to the literature and it seems as unbiased

QUALITY ASSESSMENT

Q 9	Originality	■ ■ ■ ■ ☐
Q 10	Rigor	■ ■ ■ ■ ■
Q 11	Significance to the field	■ ■ ■ ■ ■
Q 12	Interest to a general audience	■ ■ ■ ■ ☐
Q 13	Quality of the writing	■ ■ ■ ■ ■
Q 14	Overall scientific quality of the study	■ ■ ■ ■ ■

REVISION LEVEL

Q 15 — Please make a recommendation based on your comments:

Accept.