

Methodological eligibility challenges in evidence synthesis of the prevalence of mental health problems in healthcare workers during COVID-19

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Declaration of Conflict of interest

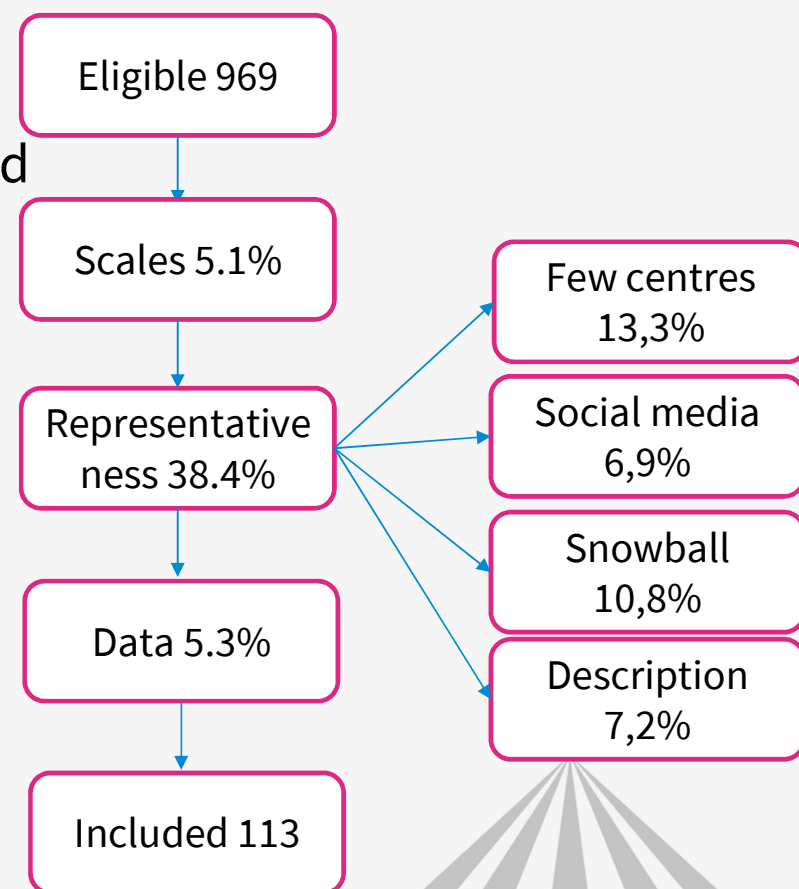
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- I have no actual or potential conflict of interest in relation to this presentation.
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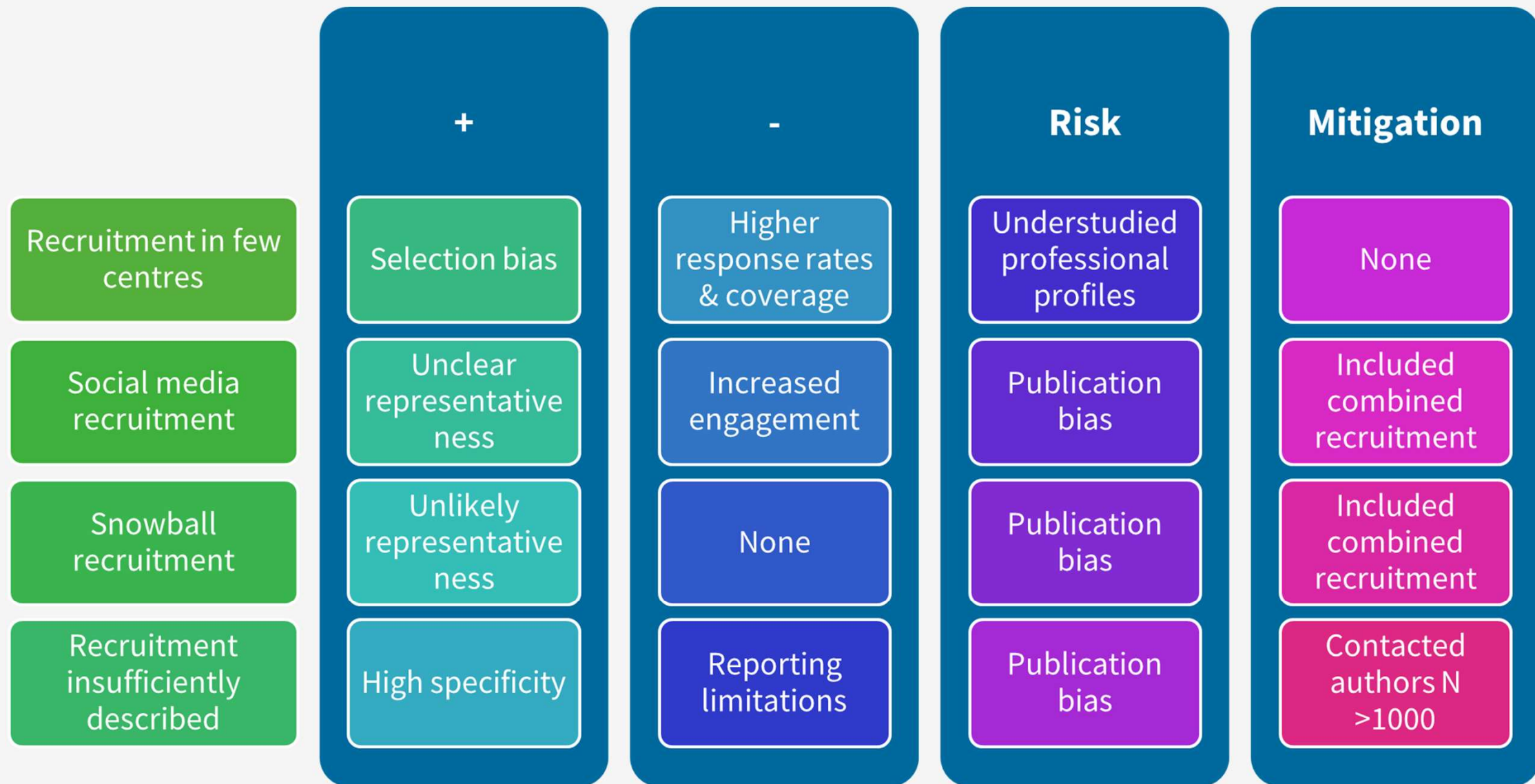
Introduction

- Systematic reviews of prevalence are challenging due to limited available methodological guidance and the large volume and variable quality of studies.
- Systematic reviewers may consider applying methodological criteria to select a valid, reliable and geographically representative body of evidence.
- Today, we show the impact of such additional methodological eligibility criteria applied to a review of prevalence of mental health problems in EU healthcare workers during Covid-19 (CRD42023473930).

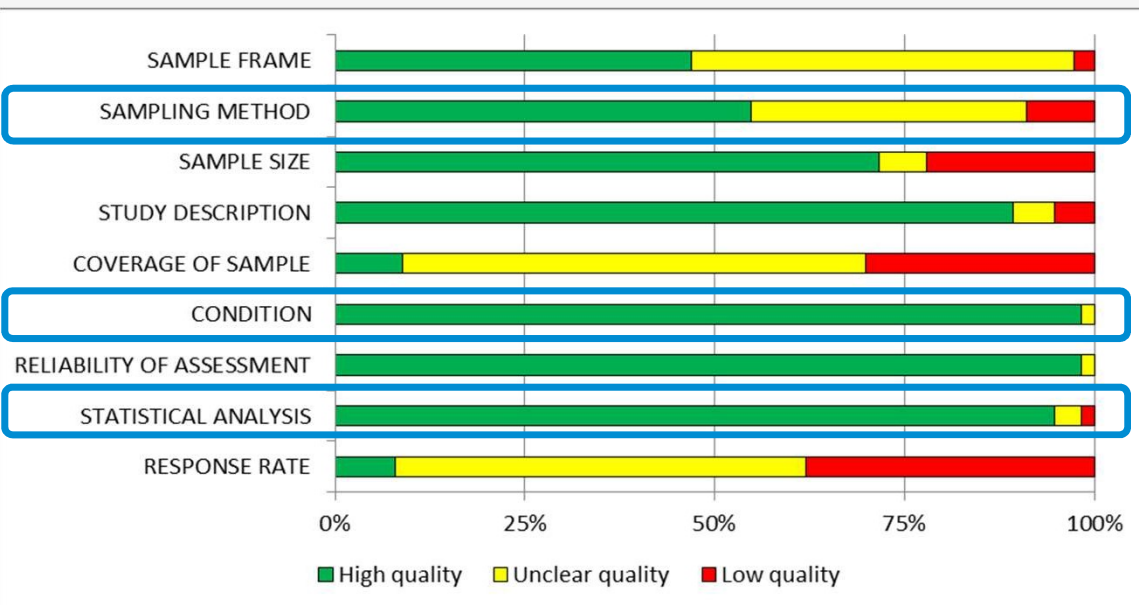
Full text methodological exclusion criteria

1. Mental health outcomes were not assessed with validated scales or clinical interviews.
2. Recruitment was not geographically representative at municipal, regional or country level
 1. Conducted in few centres
 2. Based on social media announcements
 3. Conducted by snowball
 4. Insufficiently described
3. Numerical prevalence data not reported.





Impact on methodological quality assessed with the Joanna Briggs Institute checklist for prevalence studies



- Appropriate sampling method (54.9%)
 - Random probabilistic sampling, census recruitment or comprehensive sampling.
- Unclear/inappropriate sampling method (45.1%)
 - Combination of comprehensive sampling and snowball/social media recruitment.
 - Convenience or non-probabilistic sampling.
 - Comprehensive sampling of a subgroup of the census.



Děkuji vám - Moltes gràcies !

Marta Roqué

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