

SOCIOECONOMIC INEQUALITIES IN EXCESS MORTALITY IN MENTAL DISORDERS: A NATIONWIDE **COHORT** STUDY IN **DENMARK**

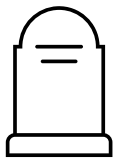
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I have no financial disclosures

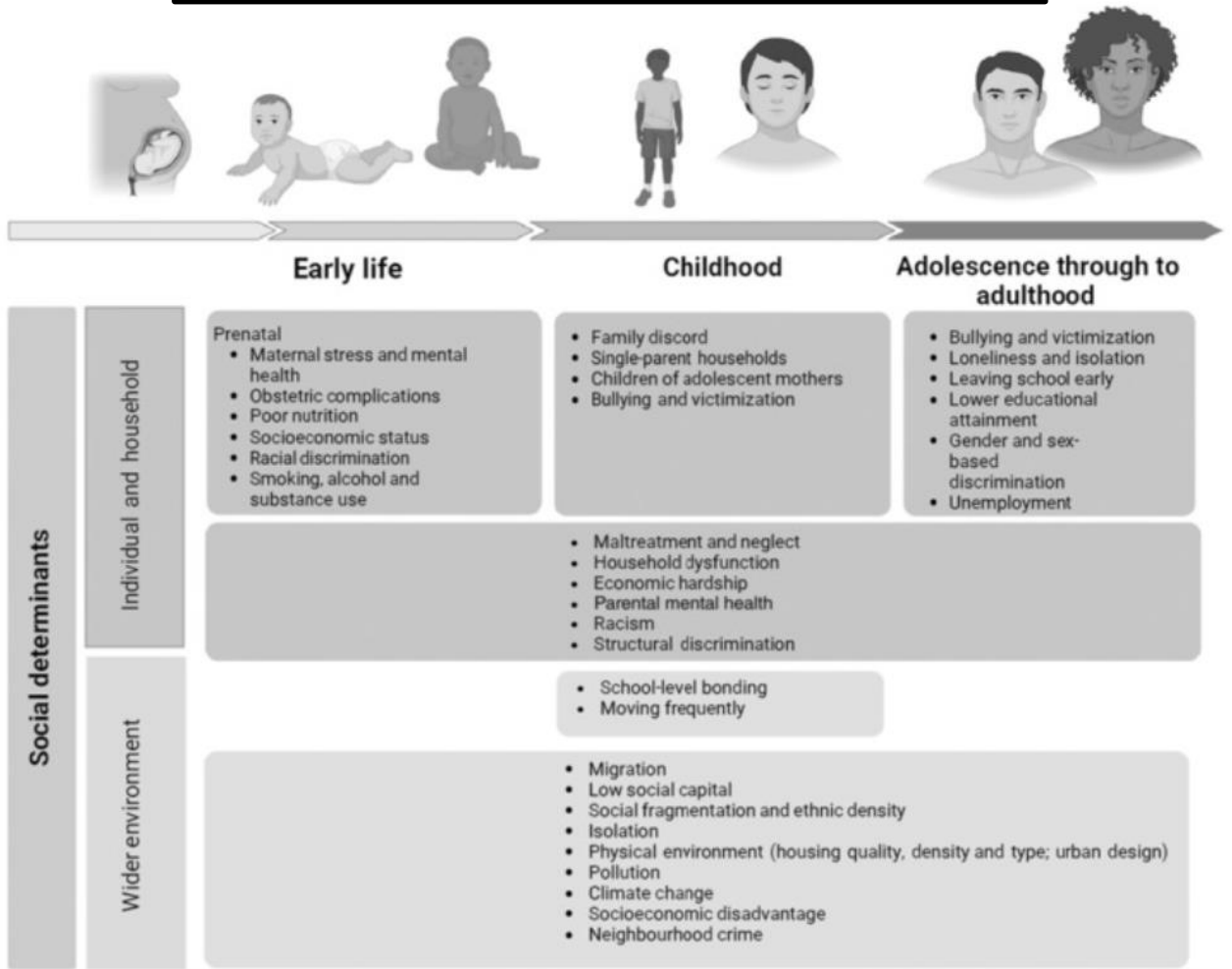
Burden of mental disorders

1 in 2

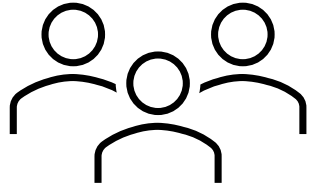
 Lifetime risk

2x 
 Mortality

Social determinants of health



RESEARCH QUESTION

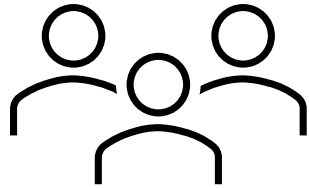


High

Mental disorders



Mortality



Low

Mental disorders

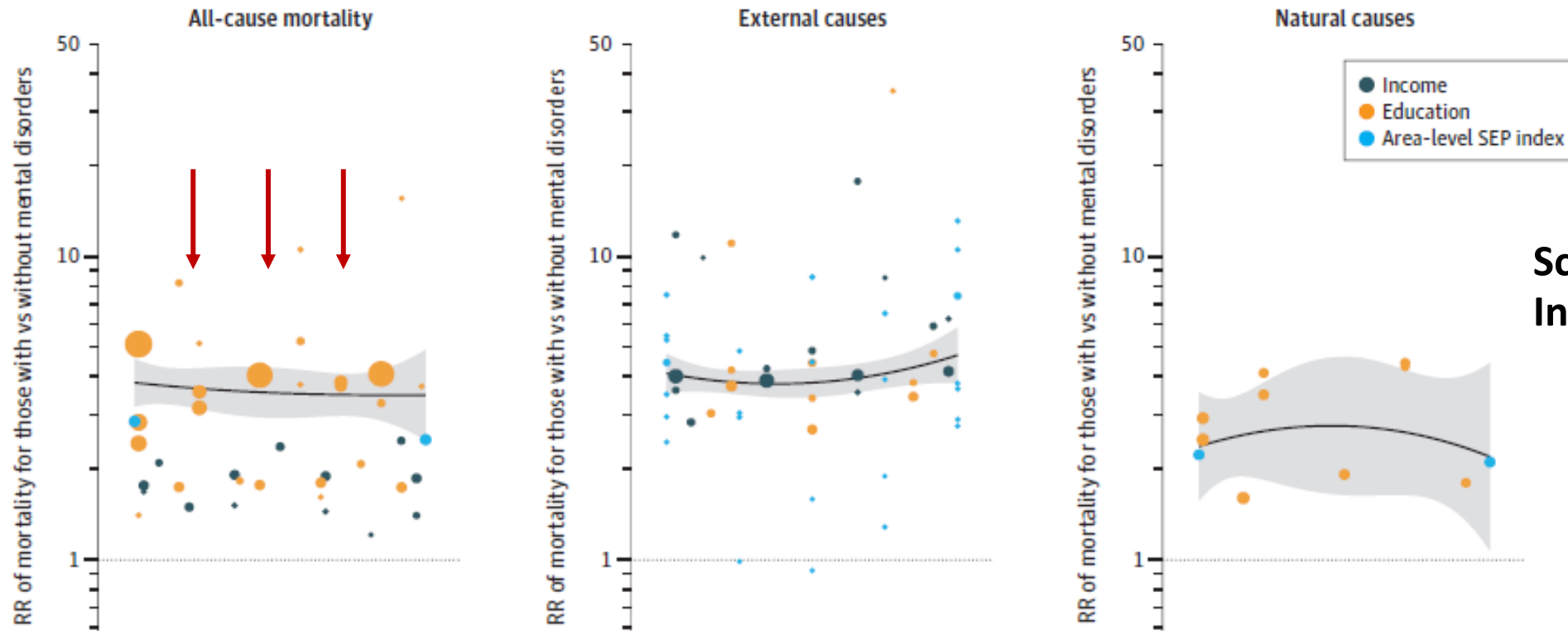


Mortality



OUR SYSTEMATIC REVIEW FOUND...

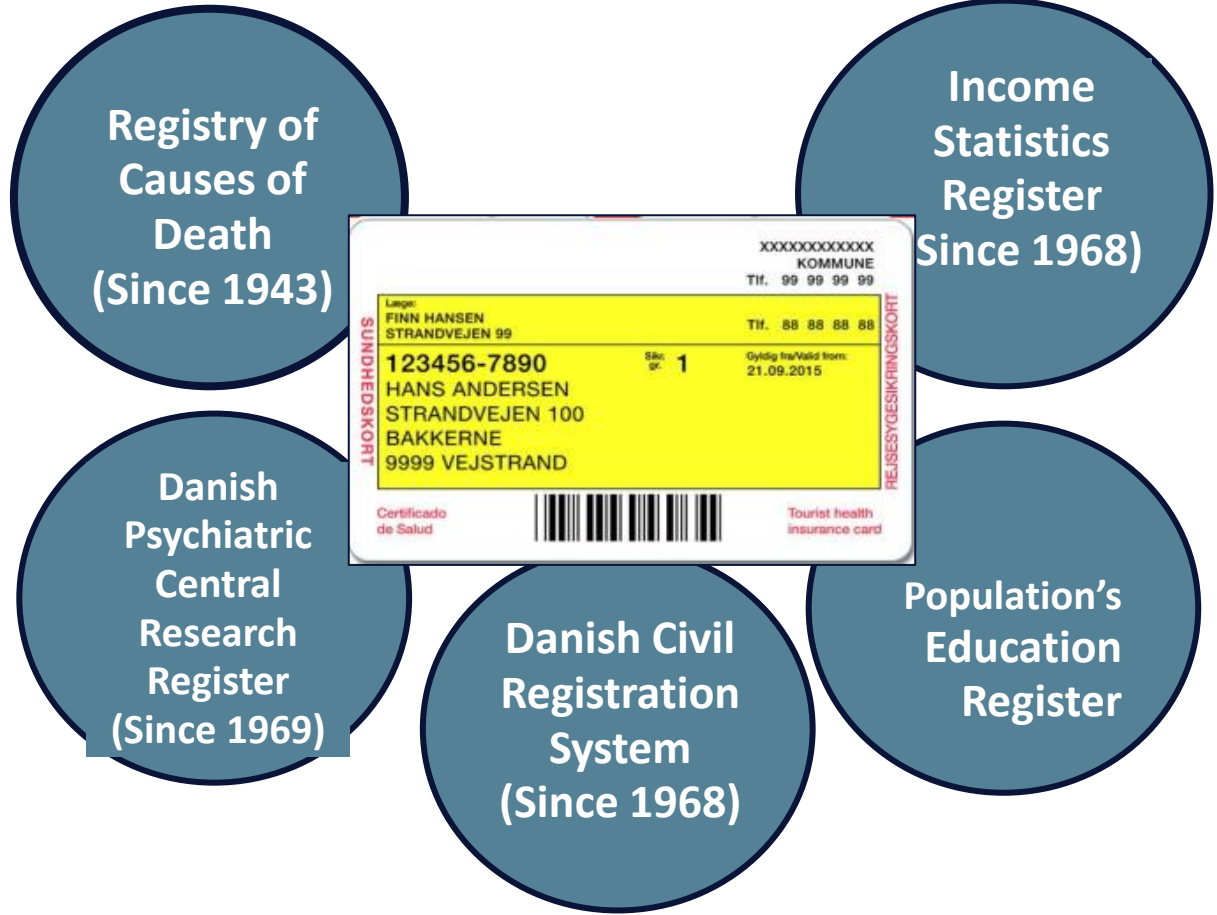
Figure 2. Association Between Mental Disorders and Mortality, According to Socioeconomic Position (SEP)



Screened: > 28, 000
Included: 71

Solely reported on relative scale
Huge heterogeneities by sex, age and type of mental disorders

METHODS

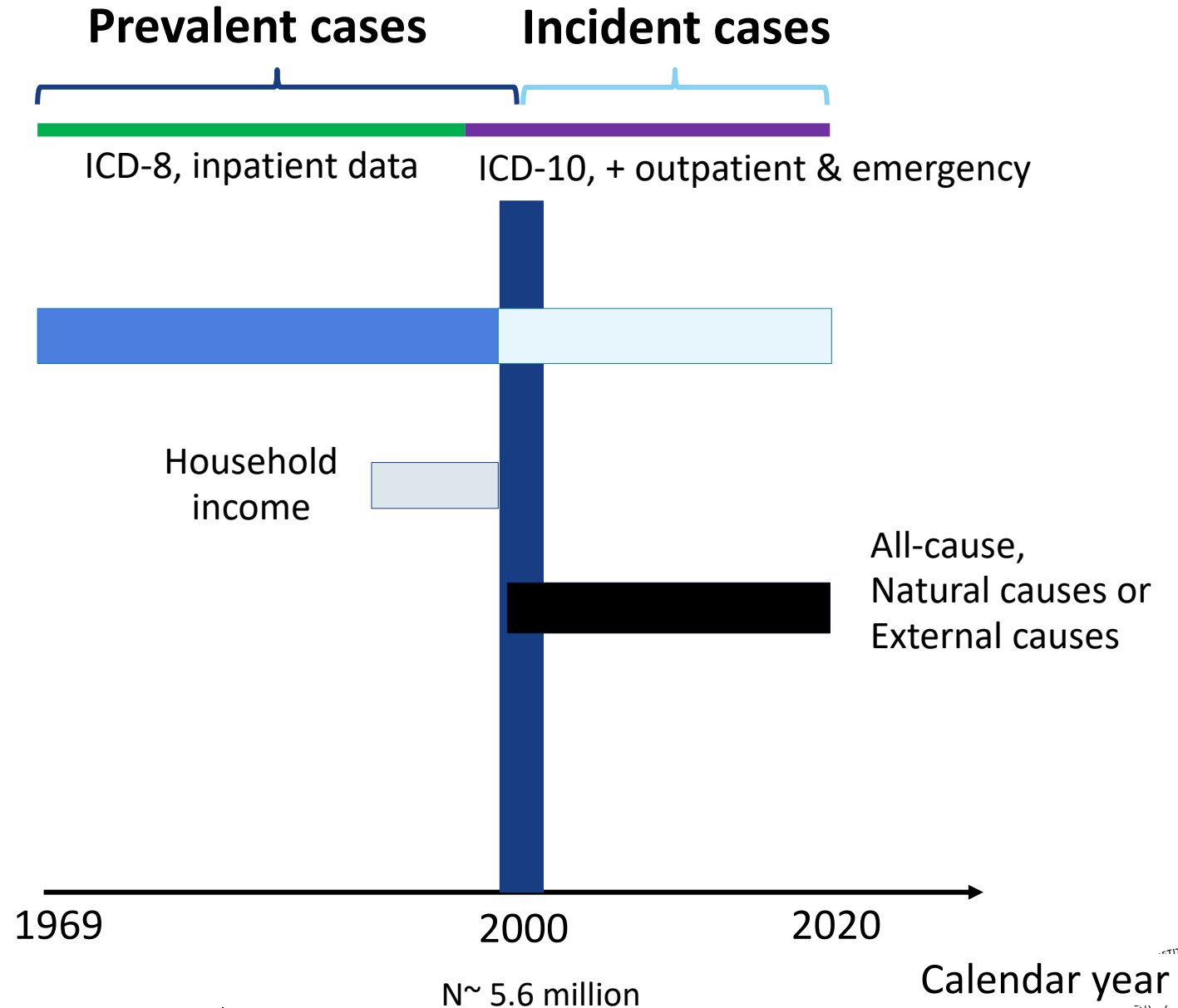


Data is anonymized and always treated confidentially in a secure server according to ethical guidelines

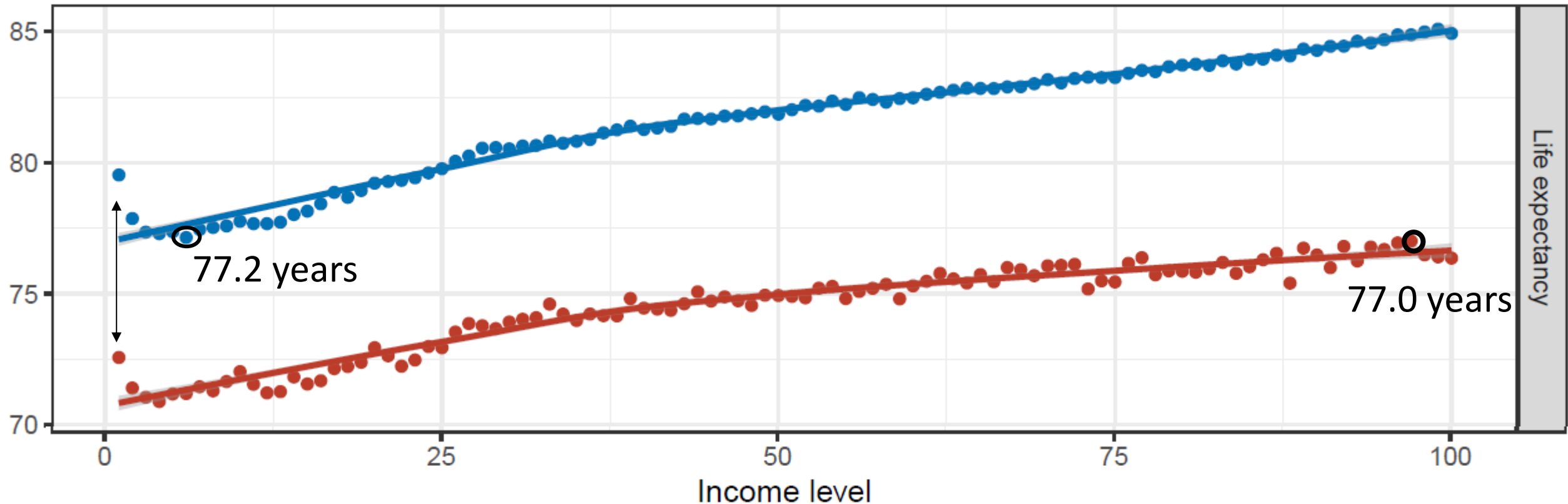


METHODS

- Overall category
- Seven specific types
 - Organic disorder
 - Substance use disorder
 - Schizophrenia
 - Bipolar disorder
 - Depression
 - Anxiety-related disorder
 - Personality disorder

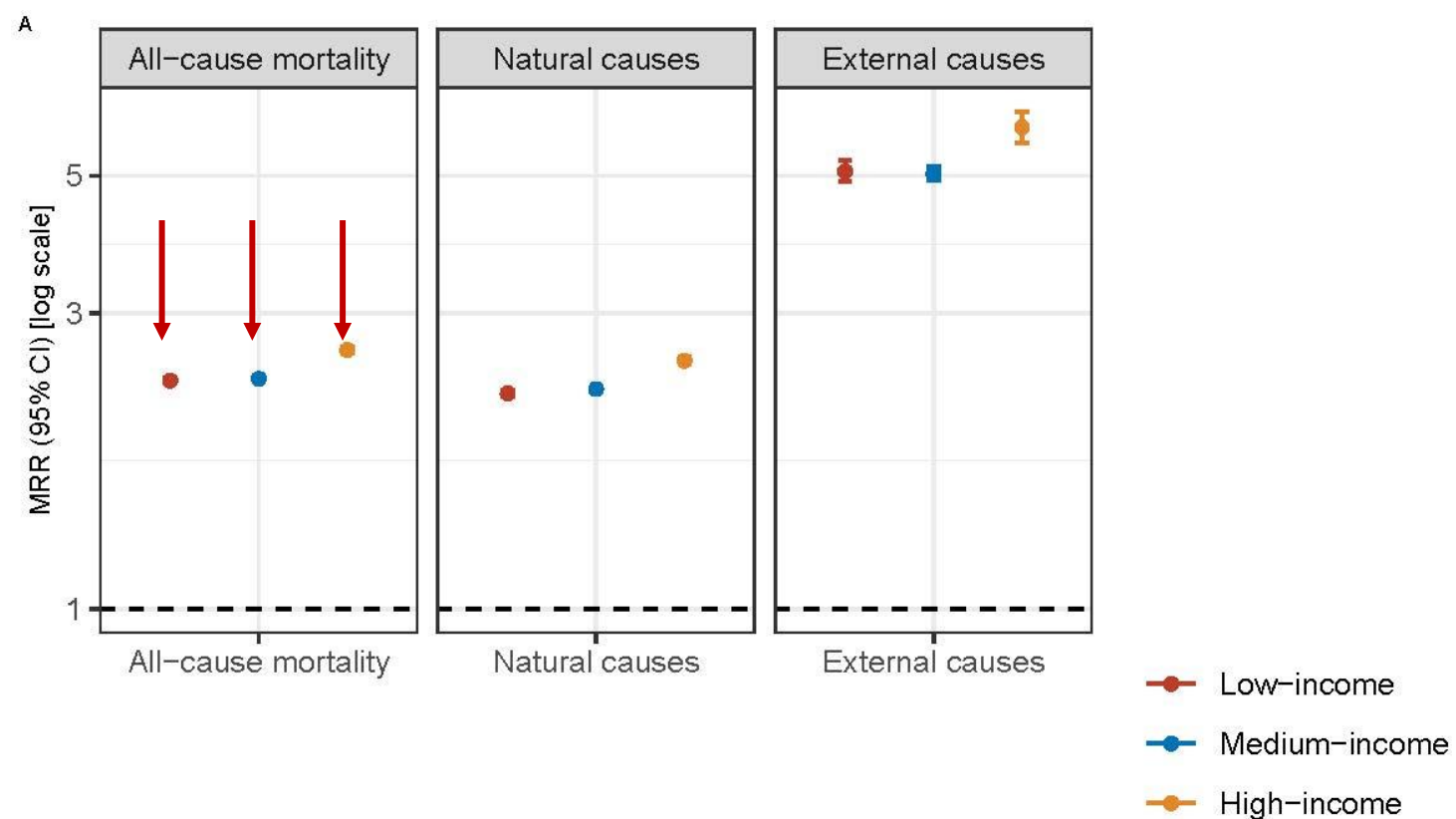


Average life expectancy for those with mental disorder and the general Danish population according to baseline income category



All-cause and cause-specific mortality rate ratios and mortality rate differences for those with vs. without mental disorder according to baseline income category

Broadly comparable results when stratified by sex, age and type of mental disorders



CONCLUSION

- Individuals with mental disorder experience substantially shorter life expectancy, even compared to the general population in the lowest SEP levels
- The socioeconomic gradients in mortality rates due to natural causes highlight a greater need for **coordinated care of physical diseases** in people with mental disorders and low SEP.
- Future research is warranted to understand the SEP roles in external causes of death.

SUPERVISORS & COLLABORATORS

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AARHUS
UNIVERSITY

MAIN OBJECTIVE



<https://osf.io/h7ja6/>

To examine the **relative and absolute** associations between **specific mental disorders** and **cause-specific mortality** according to individual-level **SEP**.

- Life expectancy; mortality rate ratios; mortality rate differences