

Evolution with age of the relationship between gender and persistent symptoms after a SARS-Cov-2 infection occurred during the Omicron wave

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For The EpiCov study group

Study

Data collected via questionnaire (CAWI/CATI)

Gender:

- Male
- Female

Age:

- <35
- 35-49
- 50-64
- ≥65 years

Infected

(2022 Omicron wave)

Uninfected

(Negative since 2020)

39,334

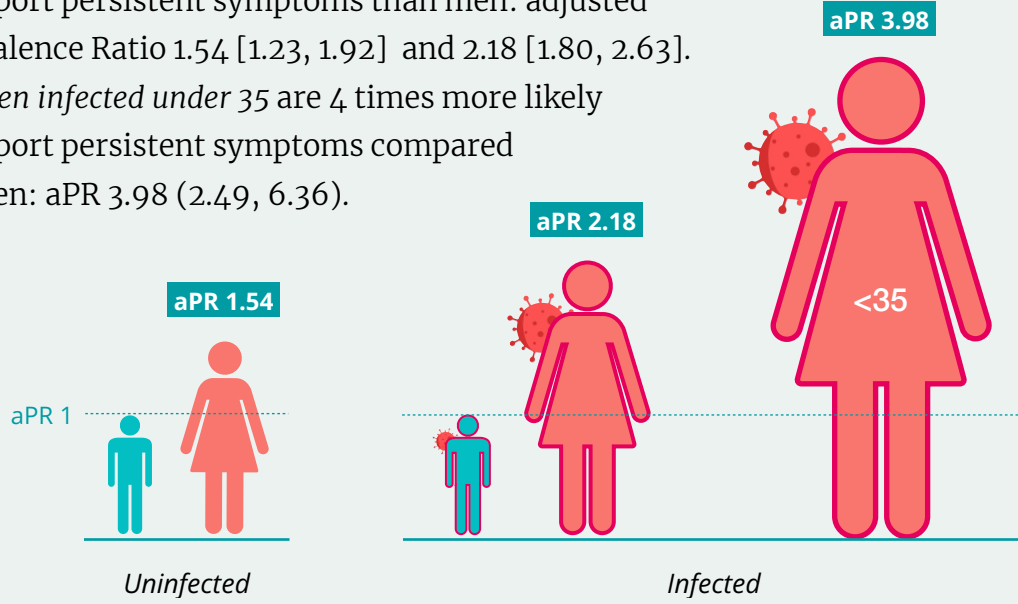
participants

Persistent Symptoms (at least 6 months, third follow up):

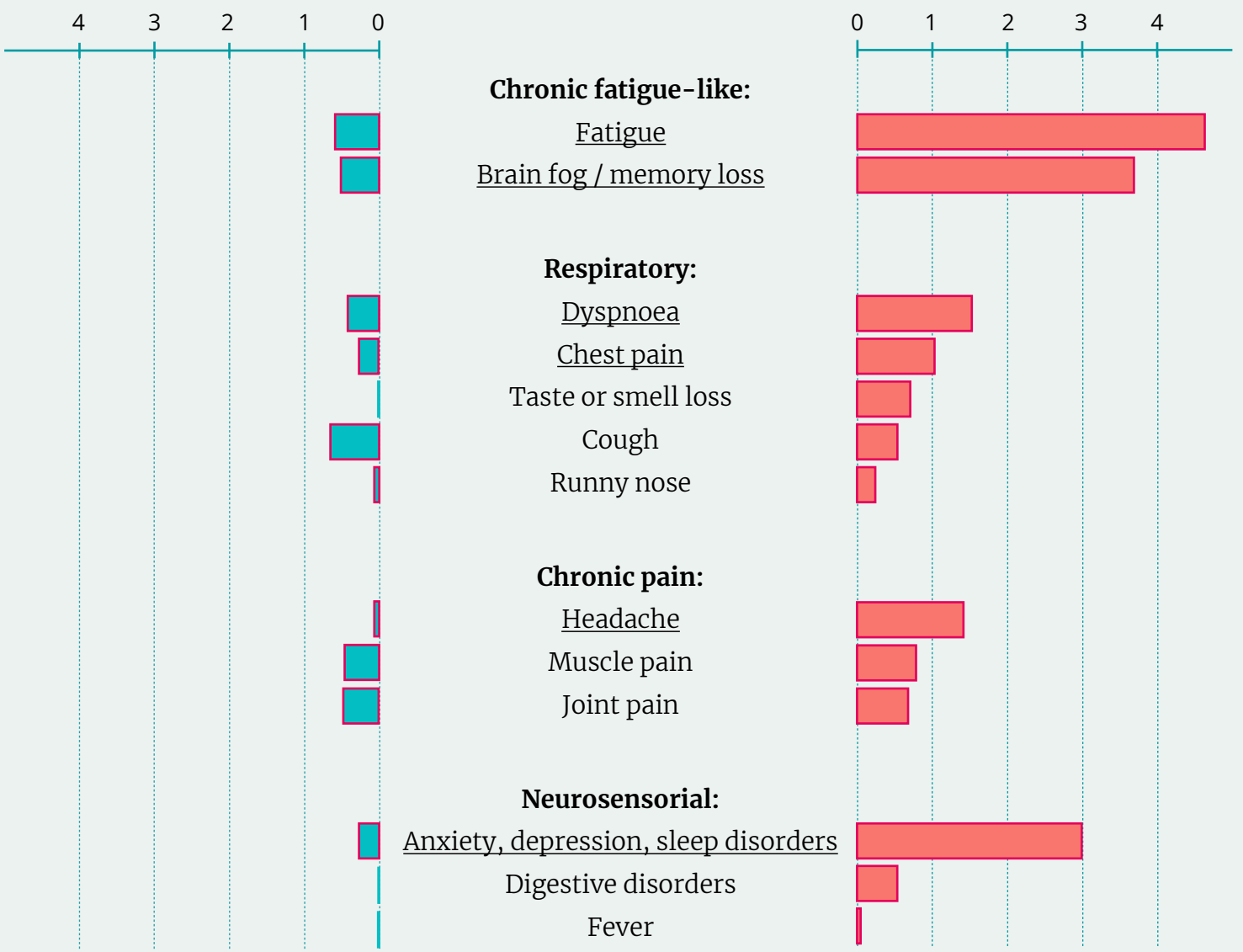
- Anxiety, depression, sleep disorders
- Brain fog / memory loss
- Chest pain
- Cough
- Digestive disorders
- Dyspnoea
- Fatigue
- Fever
- Headache
- Joint pain
- Muscle pain
- Runny nose
- Taste or smell loss

Key associations with Persistent symptoms

Women, both uninfected and infected, were more likely to report persistent symptoms than men: adjusted Prevalence Ratio 1.54 [1.23, 1.92] and 2.18 [1.80, 2.63]. Women infected under 35 are 4 times more likely to report persistent symptoms compared to men: aPR 3.98 (2.49, 6.36).



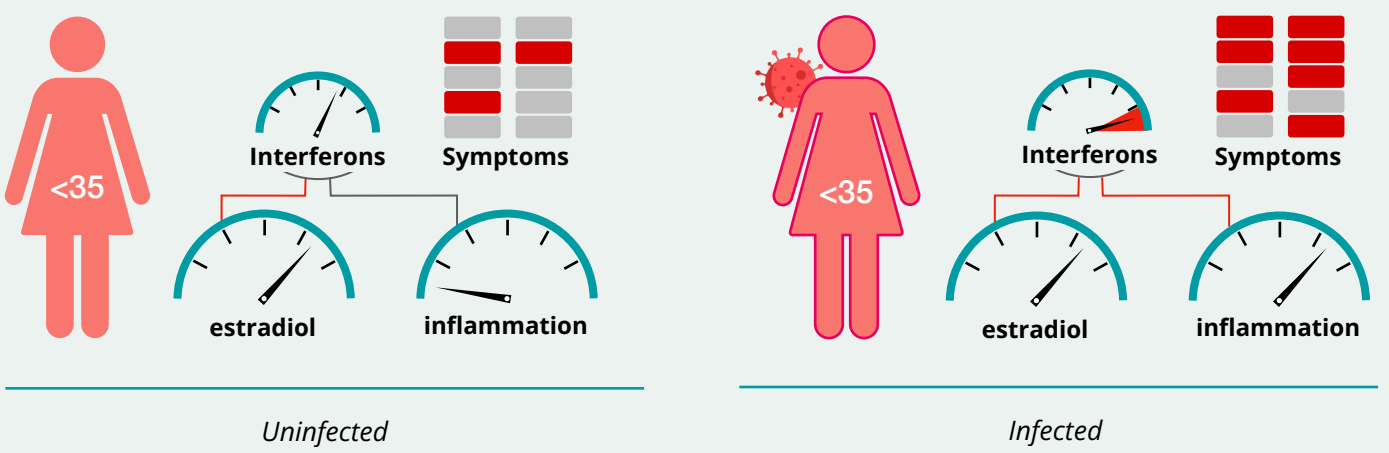
Prevalence of each persistent symptom among infected men and women <35



The associations between gender and fatigue, brain fog / memory loss, anxiety / depression / sleep disorders, dyspnoea, headache, chest pain and digestive disorders was stronger before 35, with a higher prevalence in women.

Immune system's dysregulation of women <35

Immune response changes with age



Read more at orchestra-cohort.eu



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