

Ageing in Women and Men: A Longitudinal Study of Gender Differences in Health Behaviour and Health among Elderly (GENDER) - IPT3: interview, cognitive and physical functioning, 2003-2005

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Creator/Principal investigator(s)

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Research principal

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Description

The Longitudinal Study of Gender Differences in Health Behaviour and Health among Elderly (GENDER) is a study of unlike-sex twin pairs born between 1906 and 1925 (Gold et al., 2002). A survey concerning health and health behaviors was mailed in 1994 with responses from 1210 twins from 605 pairs where both responded. Mean age at baseline assessment was 74.43 years (SD 4.28) and all were Caucasians.

The main interest of the study was gender differences in health and health behaviors in old age.

- Questions about subjective health, use of healthcare, and behaviors and attitudes related to health, perceived ADL capacity, personality and social networks, formal and informal care etc. are available.
- Measures of grip-strength, vital capacity, blood pressure, a number of exercises related to muscle strength and balance, and cognitive functions are available.
- Blood values and genotyping are also available.

Study Reference:

Gold, C. H., Malmberg, B., McClearn, G. E., Pedersen, N. L., & Berg, S. (2002). Gender and health: A study of older unlike-sex twins. *Journals of Gerontology: Series B: Psychological Sciences and Social Sciences*, 57B, S168-S176.

Questions about subjective health, medication consumption and behaviors and attitudes related to health, perceived ADL capacity, personality and social networks, formal and informal care, etc. are available. Furthermore, measures of grip strength, vital capacity, blood pressure, a number of exercises related to muscle strength and balance as well as cognitive functions are available. Blood counts and genotyping are also available.

Data contains personal data

Yes

Sensitive personal data

Yes

Type of personal data

Pseudonymised health data

Code key exists

Yes

Language

[English](#)

[Swedish](#)

Unit of analysis

[Individual/Patient](#)

Population

Opposite-sex twins born between 1906 and 1925 and living in Sweden in 1994

Time Method

[Longitudinal: Panel](#)

Study design

Observational study

Cohort study

Cohort study: Prospective

Description of study design

A baseline in-person evaluation of 498 twins from 249 pairs between 70 and 80 years of age was undertaken between 1995 and 1997. Two additional in-person waves followed at four-year intervals. Finally, a second survey was mailed in 2007 to all living twins who participated in the first mailed survey.

Sampling procedure

[Other](#)

Opposite-sex twin pairs born between 1906 and 1925 were identified in the Swedish Twin Registry and invited to participate in the study.

Time period(s) investigated

1994 - 2007

Biobank is connected to the study

The study has collected samples/material which are stored in a scientific collection or biobank

Scientific collection or biobank name: GENDER

Type(s) of sample: Blood tests

Variables

881

Number of individuals/objects

306

Data format / data structure

[Numeric](#)

[Text](#)

Data collection 1

- Mode of collection: Interview
- Time period(s) for data collection: 2003 – 2005
- Instrument: - Interview and tests of cognitive and physical function.
- Sample size: 306
- Source of the data: Population group

Geographic spread

Geographic location: [Sweden](#)

Geographic description: All counties in Sweden

Responsible department/unit

College of Health and Welfare

Funding 1

- Funding agency: FAS (currently FORTE)

Funding 2

- Funding agency: Axel and Margaret Ax:son Johnson foundation

Funding 3

- Funding agency: FNR through SFR

Funding 4

- Funding agency: The MacArthur Foundation

Funding 5

- Funding agency: King Gustav V's memorial fund

Ethics Review

Swedish Ethical Review Authority - Ref. 2021-02095

Research area

[Other](#) (CESSDA Topic Classification)

[Elderly](#) (CESSDA Topic Classification)

[Public health, global health, social medicine and epidemiology](#) (Standard för svensk indelning av forskningsämnen 2011)

[Psychology](#) (Standard för svensk indelning av forskningsämnen 2011)

[Gender studies](#) (Standard för svensk indelning av forskningsämnen 2011)

[Demography \(population, vital statistics, and censuses\)](#) (CESSDA Topic Classification)

[Health](#) (CESSDA Topic Classification)

[General health and well-being](#) (CESSDA Topic Classification)

[Health care services and policies](#) (CESSDA Topic Classification)

[Gender and gender roles](#) (CESSDA Topic Classification)

[Psychology](#) (CESSDA Topic Classification)

Keywords

[Ageing](#), [Health](#), [Sex](#), [Well-being \(health\)](#), [Near- national e-infrastructure for aging research](#), [Cognition](#), [Twins](#), [Lifestyle](#), [Functioning](#)

Publications

Gold, C. H., Malmberg, B., McClearn, G. E., Pedersen, N. L., & Berg, S. (2002). Gender and health: A study of older unlike-sex twins. *Journals of Gerontology: Series B: Psychological Sciences and Social Sciences*, 57B, S168-S176.

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If you have published anything based on these data, [please notify us](#) with a reference to your publication(s). If you are responsible for the catalogue entry, you can update the metadata/data description in DORIS.

Accessibility level

Access to data through an external actor
Access to data is restricted

Homepage

[The study homepage](#)

[NEAR platform - GENDER](#)

[Apply for NEAR data](#)

Contact for questions about the data

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Related research data in SND's catalogue

[Ageing in Women and Men: A Longitudinal Study of Gender Differences in Health Behaviour and Health among Elderly \(GENDER\) - Q1: Pilot study, survey, 1994](#)

[Ageing in Women and Men: A Longitudinal Study of Gender Differences in Health Behaviour and Health among Elderly \(GENDER\) - IPT1: Baseline evaluation, interview, cognitive and physical functioning, 1995-1997](#)

[Ageing in Women and Men: A Longitudinal Study of Gender Differences in Health Behaviour and Health among Elderly \(GENDER\) - IPT2: interview, cognitive and physical functioning, 1999-2001](#)

[Ageing in Women and Men: A Longitudinal Study of Gender Differences in Health Behaviour and Health among Elderly \(GENDER\) - Q2: survey 2007](#)

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