Marie and Zwiers (2025)
Replication README

(Last updated 28 July 2025)

This README file describes the contents of the replication folder and instructs users how to replicate the results of the paper. The data used in this project is from Statistics Netherlands and cannot be made available due to its proprietary nature. More information about accessing the data from Statistics Netherlands is available on their website. The data as well as the results were prepared within the CBS Microdata environment of Statistics Netherlands (Windows 11 Enterprise, version 23H2; Stata 16).

Other (publicly available) data sources used:

- The data on the share of votes for parties that were in favor of the Pill come from the Dutch Electoral Council (Kiesraad), and can be found here.
- Data on (historical) birth rates in the Netherlands (see Figure) is retrieved from Statistics Netherlands Statline (open data), and can be found here.

Online Appendix B.1, B.2, and B.3 contain more detailed information on the set-up of the data, including information on the exact CBS microdata datasets that were used in this project, and data processing choices made.

The code requires the setting up of two folders in your working directory at the CBS microdata remote-access facility. A folder that is called "`data`" that contains the data-files that are created using the code in this replication package, and a folder called "`output`" which stores the results.

1. Creating the data: sample set-up and variables

- The folder "`data prep`" contains the files that prepare the data from the administrative registries. The file "`Sample_prep.do`" sets up the sample, and merges in all outcome variables. Information on fertility is created in "`Fertility_women.do`"; information on marital state is created in "`Marital_state_women.do`"; information on place of birth is compiled in "`Geographic_location_women.do`"; information on education is compiled in "`Education_women.do`"; information on earnings is compiled in "`Earnings_prep.do`" and "`Earnings_women.do`"; information on wealth is compiled in "`Wealth_women.do`"; and information on child place of birth is compiled in "`Child_placeofbirth.do`". "`Anti_HP_closestmun.do`" generates the distances to the closest HP as used in Figure A12.2.
- The folder "`census prep`" contains the files that are used to prepare the census data. The file "`Census_prep.do`" prepares the census data (and contains the code to

create Table A8); and file "`Census_prep_collapse.do`", collapsed the data at the municipality level.

2. Creating the figures and tables in the manuscript

- Folder "`tables and figures prep`" contains the code to create the tables and figures in the manuscript.
- File "`census_descriptives.do`" creates the descriptive statistics using the census data, and notably Figure 2, Figure A3, Figure A4 figure A6, and Table A2.
- File "`census_descriptives.do`" creates Figures A7 and A10.
- File "`analysis.do`" creates Table 1, Figure 3, Figure 4, Figure A8, Figure A9, Figure A11, Figure A12, Table A6, and Table A7.

3. Data dictionary

- Treatment assignment variables:
  - Gbageboortejaar: year of birth
  - Gemcode: municipality code
  - Share_for_pill: share of votes for parties of the Pill at municipality level
  - South: individual born in Noord-Brabant or Limburg
  - Prop_anti_hp: proportion of Orthodox Protestant/Catholic HPs at the municipality level.
- Outcome variables:
  - Nchild: Number of children
  - Childless: No children
  - A1B: Age at first birth
  - Minor: First birth before age 21
  - Evermarried: Ever married
  - Divorced: Ever divorced
  - A1M: Age at first marriage
  - Minor_mar: First marriage before age 21
  - Shotgun: shotgun wedding
  - Ed_obs: educational outcomes observed
  - Higher: higher professional/university education
  - Nontra: finished long studies
  - Deeltijdfactor: full-time equivalents worked (1 is fulltime)
  - Earnings: earnings from employment and self-employment
  - Wealth: household wealth