

## Demographic Research – Replicability checklist for empirical studies

*Demographic Research* expects authors, whenever possible, to publish data and computer code that will allow readers to reproduce published results. Starting with Volume 29 (July 2013), we designate articles as Replicable if authors meet that expectation.

The checklist below is designed to help the authors comply with the requirements for Replicable articles, and is provided 'as is' – please use it to guide the preparation of the replicability materials, and do not send it to the Editorial Office.

Full guidelines are available at <https://www.demographic-research.org/info/guidelines.htm#Replicability>

### Necessary criteria

Is the program **code** for the analysis available, and is the **software version** mentioned? Yes  No\*

Will the complete data underlying the analysis be deposited on the DR website? Yes  No

- If **Yes**, please adhere to the conditions of the data owner or custodian. Yes  No\*

Please note: *Demographic Research* will bear no responsibility for an improper use of data in this context, for example for depositing data in contravention of the original license.

Are the data free from non-disclosure or other confidentiality constraints? Yes  No\*

- If **No**, please provide a separate document (txt/pdf) with the basic meta-information about the data files, including the following **mandatory** pieces of information: Yes  No\*

- Where and how to obtain the data, and under what conditions (license)
- How many records and which variables were used in the analysis
- A basic meta-description of these variables

- If **No**, can a small sample dataset be provided for illustrative purposes? Yes  No

Has the replicability material been prepared according to the Guidelines, i.e. with (1) a single archive, in .zip format, containing all programs, data and meta-information, and (2) a separate plain text file, called **readme.txt** – listing and describing each file in (1)? Yes  No\*

\* If the answer to any of these questions is No, the paper cannot be designated as replicable. Please do not forward any files to the Editorial Office until these criteria are fully met.

### Desirable criteria

Is the program code available in open-access software (e.g. R, Python...)? Yes  No

Are the data files available in non-proprietary formats (e.g. txt, csv...)? Yes  No

Is the code well-commented, to help others with potential reproduction? Yes  No

Is the code clearly cross-referenced to the paper, to aid the readers? Yes  No