

Documentation of the replication material for the study „Using occupations to evaluate the employment effects of the German minimum wage“ in the Journal of Economics and Statistics

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Information about the data

Two data sources were linked in this study: the Integrated Employment Biographies (IEB V13.01.01) of the Institute for Employment Research (IAB) and the Structure of Earnings Survey 2014 (VSE) of the Federal Statistical Office (StaBuA).

The IEB data comprises the universe of social security records in Germany and is therefore strictly confidential. Only employees of the IAB are entitled to work with larger samples of this data. Thus, I cannot supply the original source data to the archive of the Journal of Economics & Statistics. There are two ways, however, how the results of my study can be replicated. First, researchers may apply to the research data center of the Federal Employment Agency for a 2% random subsample of the IEB data. This data set, which is available to the research community, is called SIAB. It may be possible to replicate the results of my study using this smaller sample. Secondly, researchers may get in touch with me personally. I could try to organize a research visit at the IAB that may facilitate the opportunity to run the code (file #1), which I attach to this documentation, on the original source data under the supervision of an authorized IAB researcher.

The VSE data are neither publically available. Therefore, I cannot supply them to the archive of the Journal of Economics & Statistics. Researchers may apply to the research data center of the StaBuA and run the code (file #2) that I attach to this documentation on the original VSE micro data.

I supply additional code that can be used to link the aggregated IEB and VSE data at the level of occupations, which is the unit of analysis of my study (file #3). Lastly, the analysis code (file #4) can be run on the linked data to reproduce the results of my paper.

Attachments:

This file may be used to replicate the outcome variable (employment headcounts per occupation):

1_Friedrich_replication_file_IEB.do

This file may be used to replicate the explanatory variable (the bite of the minimum wage):

2_Friedrich_replication_file_VSE.do

This file may be used to link the outcome and the explanatory variables:

3_Friedrich_replication_file_link_IEB_VSE.do

This file may be used to reproduce all analyses and estimations included in the paper:

4_Friedrich_replication_analysis.do