**Replication package for “Is Healthcare Employment Resilient and “Recession Proof”?**

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This is the replication package for the article on “Is Healthcare Employment Resilient and “Recession Proof”, which includes two parts: The first part presents the content of the package. The second part details execution.

# Content

The replication package contains the following

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| Name | Purpose |
| **Stata do-files** |  |
| 001\_Inquiry\_IPEDS\_setup.do | IPEDS data setup |
| 002\_Inquiry\_QCEW\_setup.do | QCEW data setup |
| 01\_Inquiry\_figure1.do | Generating Figure 1 |
| 02\_Inquiry\_figure2.do | Generating Figure 2 |
| 03\_Inquiry\_figure3.do | Generating Figure 3 |
| 04\_Inquiry\_appdx\_figure1.do | Generating Appendix Figure 1 |
| 05\_Inquiry\_appdx\_tableB1.do | Generating Appendix Table B1 and B2 |
| 06\_Inquiry\_Appdx\_TableB3.do | Generating Appendix Table B3 and B4 |
| **Stata Data Sets** |  |
| QCEW\_HealthAffairs.dta | Final Data Set Used for Analysis from QCEW |
| IPEDS\_HealthAffairs.dta | Final Data Set Used for Analysis from IPEDS |
| macro2005\_2018.dta | Macro economic variables(e.g. unemployment rate, poverty rate and median income household) at county level X year as main independent variable and controls |
| seer\_pop\_9017\_county\_workingpop.dta | Working population data as weights at county X year level |
| zcta\_county.dta | ZIP to county crosswalk for IPDES data before 2008 |

# B. Execution

**I. FOR IPEDS DATA SETUP**

Run the following script for data set up

*001\_Inquiry\_IPEDS\_setup.do*

Notethat it requires (i) IPEDS raw data 2005-2017 (*hd* files and *c* files) which can be downloaded from <https://nces.ed.gov/ipeds/datacenter/DataFiles.aspx?goToReportId=7> and (ii) intermediate data sets such as seer\_pop\_9017\_county\_workingpop.dta (for working population count) , macro2005\_2018.dta (for unemployment rates, poverty rates, and median household income) and zip to county cross walk zcta\_county.dta [[2]](#footnote-2)[[3]](#footnote-3)

**II. FOR QCEW DATA SETUP**

Run the following script for data set up

*001\_Inquiry\_IPEDS\_setup.do*

Notethat it requires (i) QCEW raw data 2005-2017 (*quarterly single files*) which can be downloaded from

https://www.bls.gov/cew/downloadable-data-files.htm and (ii) intermediate data sets such as seer\_pop\_9017\_county\_workingpop.dta ((for working population count)) and macro2005\_2017.dta (for unemployment rates, poverty rates, and median household income)

**III. RUN THE DOFILES FOR THE FIGURES/TABLES**

do "$scripts/01\_Inquiry\_figure1.do" // Figure 1

do "$scripts/02\_Inquiry\_figure2.do" // Figure 2

do "$scripts/03\_Inquiry\_figure3.do" // Figure 3

do "$scripts/04\_Inquiry\_appdx\_figure1.do" // Appendix Figure 1

do "$scripts/05\_Inquiry\_appdx\_tableB1.do" // Appendix Table B1, B2

do "$scripts/06\_Inquiry\_appdx\_figurB3.do" // Appendix Table B3, B4

1. Questions about the replication package can be directed to Cong Gian. Email tgian@iu.edu [↑](#footnote-ref-1)
2. Stata scripts for generating these data sets are available upon request [↑](#footnote-ref-2)
3. The zip to county crosswalk was needed for IPEDS data before 2008 [↑](#footnote-ref-3)