

## **“A Passage to America: University Funding and International Students”**

### **Instructions for replicating results**

All data and code necessary to replicate the results are included. Unzip AEJ-2019-0123\_data.zip, open master.do in Stata, edit the cd command to point to the directory containing all data and do files and run the file.

### **Stata Data Files**

Details about the data are in the Data Appendix.

**Univ\_data.dta** contains data on public university level of enrollment from American Survey of Colleges (ASC), financial variables and university characteristics from IPEDS, state level appropriations from SHEF and state-level characteristics from BLS, CPS, US Census Bureau, US Bureau of Economic Analysis and the KCPR National Welfare. Data is available for the years 1996 to 2012.

**F1\_scatter\_data.dta** contains data on F-1 visa recipients for bachelor's degrees in China by university for the years 2005 to 2015. The source is F-1 visa administrative data, United States Citizenship and Immigration Services (USCIS). It also contains university characteristics from IPEDS.

**freshmen\_enrollment\_2012\_2006.dta** contains data on first time undergraduate enrollment from ASC.

**Pub\_Pvt\_scatters.dta** contains data on foreign freshmen enrollment from ASC and state level appropriations from SHEF.

**F1\_data.dta** contains data on F-1 visa recipients for bachelor's, master's and PhD Degrees in China by university for the years 2004 to 2012. The source is F-1 visa administrative data, from United States Citizenship and Immigration Services (USCIS). It also contains university characteristics from IPEDS.

**F1\_data\_with\_funding\_China** contains data on F-1 visa recipients for bachelor's, master's and PhD Degrees in China by student for the years 2004 to 2012. The source is F-1 visa administrative data, from United States Citizenship and Immigration Services (USCIS).

**Univ\_data\_Pvt.dta** contains data on private university level of enrollment from ASC, financial variables and university characteristics from IPEDS state level appropriations from SHEF and state-level characteristics from US Census Bureau. Data is available for the years 1996 to 2012.

**MI\_CA\_schools.dta** contains data on full time first year by residency and visa status for the years 1996 to 2012. The source is ASC.

**Revenues\_Expenditure\_publics.dta** contains data on public university level of financial variables and university characteristics from IPEDS, state level appropriations from SHEF and state-level characteristics from US Census Bureau. Data is available for the years 1996 to 2012.

### **Stata Do-files**

The following do-files use the data-files above and create each table and figure (as well as those in the Online Appendix): Fig2\_scatter.do, Fig2\_scatter\_PanelB.do, Fig4\_scatter.do, FigA2\_MI\_CA.do, FigA3\_lead\_lag.do, FigA4\_scatters.do, Table1\_Summary.do, Table\_2\_3\_4\_IV.do, Table\_2\_3\_OLS.do, Table\_5.do, Table\_6\_accounting.do, Table\_A10.do, Table\_A1\_panelA.do, Table\_A1\_panelB.do, Table\_A2.do, Table\_A3\_Private.do, Table\_A4.do, Table\_A5\_alternative\_IV.do, Table\_A6.do, Table\_A7.do, Table\_A8.do, Table\_A9.do

All files can be run through master.do with the 9 datasets and 22 do-files listed above.

This replication worked as of January 23, 2019 using Stata SE 15.

### **Excel File**

Figures 1, 3 and A1 were directly created in Excel. We included the excel file with the original data on the Figures folder.

Please email the authors with any questions.