

Overview:

This document provides a description of the data and programs used for the paper “Who Is Screened Out? Application Costs and the Targeting of Disability Programs.”

Data Availability:

The administrative and program data used in this study are confidential from the Social Security Administration (SSA). Researchers seeking to replicate the study should apply to the SSA to obtain permission to access the data files and dictionaries. For details on the sample construction using the administrative data, see Section II.B in the paper.

Programs:

The following is a list of files¹ used for the sample construction and analysis. Files are organized in the order that should be run.

Type	File(s)	Program	Description
Prep	aej_SASprep_831_1createvars	SAS	Create variables from annual F831 files
Prep	aej_SASprep_mbr_1createvars	SAS	Create variables from annual MBR files
Prep	aej_SASprep_mbr_2merge	SAS	Create variables from annual MBR and F831 files
Prep	aej_SASprep_ssr_1createvars	SAS	Create variables from annual SSR files
Prep	aej_SASprep_ssr_2merge	SAS	Create variables from annual SSR and F831 files
Prep	aej_SASprep_831_2append	SAS	Append annual F831 files and merge in MBR, SSR, SDR, and MEF Create the first part of Appendix Table A.12
Prep	aej_SASprep_831_3collapse	SAS	Collapse data to ZIP-quarter level
Prep	aej_SASprep_831_4table7	SAS	Prepare data for Table 7
Prep	aej_prep_831_1	Stata	Merge ZIP-quarter collapsed F831 to public ZIP data
Prep	aej_prep_831_1driving	Stata	
Prep	aej_prep_831_2qtr	Stata	Stack closing sets
Prep	aej_prep_831_2qtrnbr	Stata	
Prep	aej_prep_831_2qtr_altwindow	Stata	
Prep	aej_prep_831_2qtr_driving	Stata	
Prep	aej_prep_831_2qtr_fixedrad	Stata	
Prep	aej_prep_831_2raw	Stata	
Prep	aej_prep_831_2estudyqtr	Stata	Stack closing sets for raw plots
Prep	aej_prep_831_2estudyqtrnbr	Stata	Stack closing sets for event study
Prep	aej_prep_831_2tradDD	Stata	

¹ Files are available as part of the online materials.

Prep	aej_prep_wait	Stata	Prepare wait time data
Prep	aej_prep_staff	Stata	Prepare field office staff data
Prep	aej_prep_ssacounty	Stata	Prepare SSA county data
Prep	aej_prep_ssacards	Stata	Prepare Social Security card data
Prep	aej_prep_fcc	Stata	Prepare FCC broadband data
Prep	aej_prep_areacode	Stata	Prepare area code calls to 800 data
Prep	aej_prep_831_3qtr	Stata	Merge F831 data into main dataset
Prep	aej_prep_831_3qtrmbr	Stata	
Prep	aej_prep_831_3qtr_altwindow	Stata	
Prep	aej_prep_831_3qtr_driving	Stata	
Prep	aej_prep_831_3qtr_fixedrad	Stata	
Prep	aej_prep_831_3raw	Stata	
Prep	aej_prep_831_3estudyqtr	Stata	
Prep	aej_prep_831_3estudycombine	Stata	
Prep	aej_prep_831_3tradDD	Stata	
Analysis	aej_prep_831_4qtr	Stata	Regressions – Prepare for Figures 3, 4, 6, A.9, A.10, A.12, A.13
Analysis	aej_prep_831_4qtrmbr	Stata	Regressions – Prepare for Figures A.11, A.15
Analysis	aej_prep_831_4qtr_altwindow	Stata	Regressions – Prepare for Figures A.14
Analysis	aej_prep_831_4estudyqtr	Stata	Regressions – Prepare for Figure 5 LHS
Analysis	aej_prep_831_4tradDD	Stata	Regressions – Prepare for Figure 5 RHS
Analysis	aej_prep_831_5figure	Stata	Create one data set of all main estimates
Analysis	aej_prep_831_5figureestudy	Stata	Create data sets of all estimates for Figure 5
Analysis	aej_prep_831_5figuretradDD	Stata	
Analysis	aej_figure01	Stata	Figure 1
Analysis	/Geographic_Data	QGIS	Figure 2 – Please refer to “/Geographic_Data” folder for input data sets and QGIS project files.
Analysis	aej_figure03	Stata	Figure 3
Analysis	aej_figure04	Stata	Figure 4
Analysis	aej_figure05	Stata	Figure 5
Analysis	aej_figure06	Stata	Figure 6
Analysis	/Geographic_Data	QGIS	Appendix Figure A.7 – Please refer to “/Geographic_Data” folder for input data sets and QGIS project files.
Analysis	aej_figure08	Stata	Appendix Figure A.8
Analysis	aej_figure09	Stata	Appendix Figure A.9
Analysis	aej_figure10	Stata	Appendix Figure A.10
Analysis	aej_figure11	Stata	Appendix Figure A.11
Analysis	aej_figure12	Stata	Appendix Figure A.12

Analysis	aej_figure13	Stata	Appendix Figure A.13
Analysis	aej_figure14	Stata	Appendix Figure A.14
Analysis	aej_figure15	Stata	Appendix Figure A.15
Analysis	aej_figure16	Stata	Appendix Figure A.16
Analysis	aej_figure17	MATLAB	Appendix Figure A.17
Analysis	aej_table01	Stata	Summary statistics for Table 1
Analysis	aej_table02	Stata	Regressions for Table 2
Analysis	aej_table03	Stata	Regressions for Table 3
Analysis	aej_table04	Stata	Regressions for Table 4
Analysis	aej_table05	Stata	Regressions for Table 5
Analysis	aej_table06	Stata	Cost and benefit analysis calculation for Table 6
Analysis	aej_table07	Stata	Compile estimates for Table 7
Analysis	aej_table08	Stata	Summary statistics for Appendix Table A.8
Analysis	aej_table09	Stata	Summary statistics for Appendix Table A.9
Analysis	aej_table10	Stata	Regressions for Appendix Table A.10
Analysis	aej_table11	Stata	Regressions for Appendix Table A.11
Analysis	aej_table12	Stata	Regressions for Appendix Table A.12
Analysis	aej_table13	Stata	Regressions for Appendix Table A.13
Analysis	aej_table14	Stata	Regressions for Appendix Table A.14
Analysis	aej_table15	SAS	Compile estimates for Appendix Table A.15
Analysis	aej_table16	Stata	Regressions for Appendix Table A.16
Analysis	aej_table17	Stata	Regressions for Appendix Table A.17
Analysis	aej_table18	Stata	Regressions for Appendix Table A.18
Analysis	aej_table19	Stata	Regressions for Appendix Table A.19
Analysis	aej_table20	Stata	Regressions for Appendix Table A.20