

HISTORY AND INDUSTRY LOCATION: EVIDENCE FROM GERMAN AIRPORTS

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REVIEW OF ECONOMICS AND STATISTICS

This Readme file explains how to reproduce all of the results in "History and Industry Location: Evidence from German Airports" (Redding, Sturm and Wolf).

Note: The copy editor of the REStat decided to rename what used to be "Map 1" of the paper into "Figure 1" in the printed paper. As a result what used to be Figures 1 to 5 are now Figures 2 to 6 in the printed paper. Whenever we below and in the code refer to "Figure X" this is as a result of this editorial decision "Figure X+1" in the printed paper.

"runalldofiles.do" generates all of the results in the paper by running each of the do files listed below.

1) "GraphPassengers.do" uses the raw dataset "data\airports-time-series-final.dta," which contains data on total passenger departures from each German airport, to generate Figure 1 in the paper and evaluate some statistics about the share of refugees from East Germany in total passenger departures from Berlin reported in footnote 13 in the paper.

2) "TimeTrends.do" uses the raw dataset "data\airports-time-series-final.dta," which contains data on total passenger departures from each German airport, to generate the results in Tables 1 and 2 in the paper. These results are saved in "logs\TimeTrends.log" and "tables*.out."

3) "internationaltable.do" uses the raw dataset "data\internationaltable-final.dta," which contains data on total passenger departures from the largest airport in a number of European countries in 1937 and 2002. The data in "data\internationaltable-final.dta" are reported in Table 3 in the paper. The do file generates the test for the equality of 1937 and 2002 airport market shares reported in footnote 18 in the paper.

4) "hubindex1930s.do" uses the raw dataset "data\directconnections1930s.dta," which contains data on bilateral airport connections in 1935, to generate the statistics on the shares of direct connections served by a country's leading airport relative to the shares served by other airports discussed in Section 6.1 of the paper.

5) "hubindex2002.do" uses the raw dataset "data\Gravity2002-final.dta," which contains data on bilateral airport passenger departures in 2002, to generate the statistics on the shares of direct connections served by a country's leading airport relative to the shares served by other airports discussed in Section 6.1 of the paper.

6) "GravityRegress2002.do" uses the raw dataset "data \Gravity2002-final.dta," which contains data on bilateral airport passenger departures in 2002, to generate the results in Table 4 and Figures 2 and 3 in the paper.

7) "AllMunicipalities100km.do" uses the raw dataset "data \AllMunicipalities.dta," which contains data on population, population within 50km and GDP within 50km for each German municipality, to generate Figure 5 in the paper. The do file also generates the results on the rankings of German municipalities with a population bigger than 50,000 in 2002 discussed in the paper.

8) "Simulation2002_rev.do" uses the raw dataset "data \Gravity2002-final.dta," which contains data on bilateral airport passenger departures in 2002, to generate the results in Table 5 and Figure 4 in the paper.