Replication Package:
"Productivity, Place, and Plants"
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The paper uses restricted-access data from the US Census as well as from Bureau van Dijk, neither of which we can include in the replication package. We do include the code to replicate the results. Our paper also uses public-use data from the County Business Patterns, which we include in the replication package. All code is in Stata programming language.

The US Census data can be accessed by approved research projects via secure data rooms in a Federal Statistical Research Data Center (RDC). Information on application procedures can be found at https://www.census.gov/content/dam/Census/about/about-the-bureau/fsrdc/documents/Research_Proposal_Guidelines.2020.04.23.pdf. Access to Bureau van Dijk data can be purchased from Moody's Analytics, as described on https://www.bvdinfo.com; sometimes, a researcher's institution already subscribes to a version of the data.

The exhibits are replicated as follows:

Table 1, Figures 1-5, Appendix Tables A.1, A.4 and A.5 and Appendix Figure A.3 use restricted-access US Census data (the 2012 Census of Manufactures, other Economic Census, and the Longitudinal Business Database). The code to replicate those results is in the folder "RDC code." Run the master file, which calls on the data sets construct, analysis, and exhibit code. The required RDC data sets are described in the code (Fromrawdata.do and Fromrawdata_tradables.do). These files also generate the additional statistics reported in, e.g., footnotes and highlight those specific numbers.

Figure 6, Appendix Table A.2, Appendix Table A.3, and Appendix Figure A.4 are produced using Bureau van Dijk data. The code to replicate those results is in the folder "BvD code." Run the master file, which calls on code to construct the the data sets, conduct the analysis, and produce the exhibits. The Bureau van Dijk data is a commercial product; we used the Wharton Research Data Services (WRDS) interface and downloaded the data in 2020.

Appendix Figures A.1 and A.2 are produced using publicly available data, the 2012 US County Business Patterns (CBP). We include the two data files cbp12msa.txt and list.xls, which are respectively a MSA-level 2012 CBP and CBSA-county crosswalk. Both can be accessed via the US Census website at https://www.census.gov/geographies/reference-files/time-series/demo/metro-micro/delineation-files.html (Feb 2013 file) and https://www.census.gov/programs-surveys/cbp.html, respectively. The code to replicate these figures is in "Figures A1 and A2.do." All this material is contained in the folder "CPB." This folder also contains a short .do file that generates the manufacturing plant count statistics mentioned in the introduction.