This directory contains replication files for the following paper:

Shapiro, Joseph S., and Reed Walker. "Why is Pollution from U.S. Manufacturing Declining? The Roles of Environmental Regulation, Productivity, and Trade"

codeSTATA/outputTablesFigs.do
This program creates Figure 1 and Table 2. This uses data files from the dataSTATA directory.

This program also contains code to create Figure 2, Figure 3, Figure 6, and parts of Table 2. These outputs require confidential census data, so these parts of the code can be run inside the Census Research Data Center (RDC). Researchers with Census Special Sworn Status and Census approval to use these data on an active project can access these data in the RDC.

codeSTATA/readinPollutionProductivityTrade.do
This program contains code to create Table 1 and parts of Table 2. These outputs require confidential census data, so this code can be run inside the Census Research Data Center (RDC). Researchers with Census Special Sworn Status and Census approval to use these data on an active project can access these data in the RDC.

codeMATLAB/p1.m
This program calls on the other matlab programs to structure the data and estimate results. Specifically, it calls on programs p2.m, p3.m, and p4.m in the codeMATLAB directory to setup and analyze the data, and it calls on programs r1.m, r2.m, and r3.m in this directory to output results. This code produces Figure 4, Figure 5, and Figure 7 from the paper. This program uses data from the file dataMATLAB/rawFile.mat.