**Running the Analyses in the Paper**

There is one Stata do file – master\_analysis.do -- which runs all the analyses in the paper. Make sure to change the path at the beginning of the file. Once that is done, the do file is ready to be run. This do file has ample commenting to document each step. The first 320 lines are data cleanup. Lines 320 to 520 create Figure 2 and Tables 1 – 7. Lines 520 to 573 run two robustness checks described in the paper. The rest of the do file creates appendix tables.

The do file uses three data sets. The main data set -- main\_data.csv – consists of data scraped from Airbnb and responses from hosts. There are 7,554 observations in this file. Each observation consists of a guest name, a host ID, the response given in this guest/host interaction, and a series of host and location characteristics scraped from Airbnb. This data set also has classifications for the host's race, gender, and age. These are taken from Mechanical Turk surveys.

The second data set comes from a survey where we asked people to classify the names in our study as "white" or "African-American." This data set is entitled name\_survey\_results.xlsx. It consists of 24 observations, each of which is a name and a rating from 1 to 2, with 1 being African-American and 2 being white. The rating is the average rating given by survey-takers for each name.

The third data set is hosts.dta. This data set has one observation per host, for a total of 7,594 observations.[[1]](#footnote-1) This data set includes information on the racial makeup of the host's past guests.

1. Some of these hosts were not ultimately contacted for our study, which is why there are more observations in this data set than in our main data set. [↑](#footnote-ref-1)