How to access the SLBD

Overall information on the SLBD is here with the link to the application here:

- Apply for SLBD access.

Once this process is approved. Below are the instructions to log into the server:

Cornell's instructions on how to get setup: http://www.vrdc.cornell.edu/sds/first-login/

Code book for the file: http://www2.ncrn.cornell.edu/ced2ar-web/codebooks/synlbd

How to get setup.

- Install the nomachine application. This is found here https://www2.vrdc.cornell.edu/news/synthetic-data-server/step-3-setting-up-access-to-sds/

- You need to downlad a configuration file. This configuration file can be found at the link above. Download this to your local machine storage. When you run the nomachine program, import this configuration. Once you do that, a login will appear asking for a user id and password. Use those obtained from above instructions.

The programs and how to access them.

The file directory is organized in the following way: the path `rdcprojects/tr/tr00612/programs/users` will take you to folder that contains folders for each user. You want to access Michael E. Waugh's folder, which is under username `spec676`. Opening this folder will display the `PTW_AER` subfolder.

In `rdcprojects/tr/tr00612/programs/users/spec676/PTW_AER` is the code that constructs the empirical firm dynamics moments from the SLBD. It contains the following STATA `.do` files.

- `trmatrix_g20_loop.do` computes the transition matrix moments. It pulls the appropriate SLBD files and then constructs the transition matrix for each year. It reports the time averaged cells for each element of the transition matrix. It uses the file `quartile.do`. The output is `temp_trmatrix_g20.dta` which contains the transition matrix for each year in the SLBD.

- `quartile_code.do` computes the quartile positions of establishments in each year.

- `entry_loop.do` computes the entry rate moment. It pulls the SLBD files, computes the fraction of employment that is associated with entrants, then averages this across all years.