Replication Instruction

This document contains instructions for replication of analysis presented in "Firms and Global Value Chains: Identifying Firms' Multidimensional Trade Preferences" (2018), *International Studies Quarterly*. Forthcoming.

Install Dependencies. Please begin by installing the following **R** packages used in the analysis.

- `sandwich` version = 2.4.0
- `dplyr` version = 0.7.4
- `ggplot2` version = 2.2.1
- `gridExtra` version = 2.3
- `gdata` version = 3.5.0

R codes for the Analysis. Running the following **R** codes will produce figures in the manuscript. Note that a separate folder "/figs" will be created and all the outputs will be stored in the folder.

- `Figure1.R` creates Figure 1
- `Figure3.R` creates Figure 3
- `Figure4.R` creates Figure 4
- `Figures5-8.R` creates Figure 5, 6, 7, and 8

Datasets The following files are data files used for the analysis.

- `conjoint_final.csv`: the conjoint data
- `crsurvey_full.csv`: the original Costa Rican firm survey data
- `crsurvey_final.csv`: a subset of the Costa Rican firm survey data
- `MM_ptadata_2013.xlsx`: dataset from Büthe and Milner (2008)
- `procomerALL.csv`: anonymized PROCOMER transaction data
- `procomer_resp_info.csv`: PROCOMER respondents information
- `Concordance_HS_to_S2.csv`: Concordance between HS (Harmonized System) and SITC (Standard International Trade Classification)
- `Concordance_S2_to_BE.csv`: Concordance between SITC (Standard International Trade Classification) and BEC (Broad Economic Categories)

References

Büthe, Tim, and Helen V. Milner. 2008. "The Politics of Foreign Direct Investment into Developing Countries: Increasing FDI through International Trade Agreements?" *American Journal of Political Science* 52 (4): 741–762.