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0. Summary

Date: August 19, 2011

This project contains data from a survey of social networks in 75 villages in
rural southern Karnataka, a state in India. A census of households was
conducted, and a subset of individuals was asked detailed questions about the
relationships they had with others in the village. This information was used to
create network graphs for each village, included here. Basic information for all
households and all surveyed individuals is also provided.

Previously, these 75 villages had been identified by Bharatha Swamukti Samsthe
(a microfinance institution) as places where it planned to start operations. Six
months after the survey, BSS began expanding to these villages and in two years
eventually spread to 43 of them. Information about which households participated
in BSS's microfinance program was matched to the household census.

There are three four sections in this package:
1. "Network Data" contains matrices describing the relationship between
individuals and households in each village.

2. "Demographics and Outcomes" contains demographic information for household
and individuals. It also contains data on which households participated in BSS's
program.

3. "Survey Instruments" has copies of the surveys that were administered.

4. "Codebooks" contains documentation of the variables in "Demographics and
Outcomes"

The following are some notes on the sections.

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1. Network data

In the "Network Data" folder, there are adjacency matrices for each of the 75
villages surveyed. The 75 villages are numbered 1-77 (villages 13 and 22 are
missing.) About half of households received detailed surveys in which
individuals were asked to list the names of people with whom they shared a
certain relationship. Households were randomly sampled and stratified by
religion and geographic sub-region.

For each variable, an individual matrix and a household matrix were constructed.
A relationship between households exists if any household members indicated a
relationship with members from the other household. These questions were asked
in the individual survey.

Individuals were asked who they:
-- borrow money from
-- give advice to
-- help with a decision
-- borrow kerosene or rice from
-- lend kerosene or rice to
-- lend money to
-- obtain medical advice from
-- engage socially with

-- are related to
-- go to temple with
-- invite to one's home
-- visit in another's home.

We also include the ALL network which is a union and an AND network which is the intersection. This is done both at the individual and household levels.

The networks are undirected (each matrix is symmetric). Each row or column of a matrix represents one individual. The matrices lack row or column headers, but in the folder "adjacency matrix keys" there are files that link each row (or the equivalent column) to a particular individual or household.

For instance, using the file "adj_templecompany_vilno_1.csv," we discover that the individual in the fifth row goes to the same temple as the individual in the eigth row. Using "key_vilno_1.csv," we can determine that in the individual in the fifth row has an ID of 100201, and the individual in the eighth row has an ID of 100204. We can then look up demographic information about these individuals using the dataset in the "Demographics and Outcomes" folder by matching on the ID variable.

To make this process easier, the datasets in "Demographics and Outcomes" already contain a variable called "adjmatrix_key" which lists that observation's corresponding row number in the adjacency matrix.

1.1 List of household network files.
adj_borrowmoney_HH_vilno_##
adj_giveadvice_HH_vilno_##
adj_helpdecision_HH_vilno_##
adj_keroricecome_HH_vilno_##
adj_keroricego_HH_vilno_##
adj_lendmoney_HH_vilno_##
adj_medic_HH_vilno_##
adj_nonrel_HH_vilno_##
adj_rel_HH_vilno_##
adj_templecompany_HH_vilno_##
adj_visitcome_HH_vilno_##
adj_visitgo_HH_vilno_##

adj_allVillageRelationships_HH_vilno_##
adj_andRelationships_HH_vilno_##

1.2 List of individual network files
adj_borrowmoney_vilno_##
adj_giveadvice_vilno_##
adj_helpdecision_vilno_##
adj_keroricecome_vilno_##
adj_keroricego_vilno_##
adj_lendmoney_vilno_##
adj_medic_vilno_##
adj_nonrel_vilno_##
adj_rel_vilno_##
adj_templecompany_vilno_##
adj_visitcome_vilno_##
adj_visitgo_vilno_##

```
adj_allVillageRelationships_vilno_##
adj_andRelationships_vilno_##
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1.3 List of key files
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key_HH_vilno_##
key_vilno_##
```


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2. Demographic and outcomes data

In the "Demographics and Outcomes" folder, there are two files which describe
other information about the individuals and households surveyed.

2.1 "household_characteristics.dta" has demographic information about a
household's home (roof type, number of rooms, latrine type, etc.) and a dummy
that indicates whether anyone in the household became a microfinance client. The
household survey was conducted for every household.

2.2 "individual_characteristics.dta" has individual demographic information
(age, caste, religion, language, occupation, etc.) This more detailed survey was
conducted among a little under half of households, and also asked for social
network information, which is represented in the previous tables.

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3. Survey instruments

The "Survey Instruments" folder contains the surveys used in the study. Most
questions contained in this data were obtained using "household-final.doc" and
"individual-final.doc."