

revised 11/5/96

VILLAGE TIES: Where villagers go out to work for daily labor and Where people come from to work in the village

There are two relations described here: where people go for daily wage labor (up to 10 villages named), where people come from for daily wage labor (up to 9 villages named). We will code these in separate matrices to start, though we may wish to aggregate them later.

changes from previous version:

Where men have gone in the last 12 months and where women have gone in the last 12 months are not included. These destinations were far from Nang Rong (often abroad).

Where villagers go out to work for daily labor:

Relevant variables:

Q5.69 Sometimes, villagers in this village go out to work for daily wage labor in other villages or not?

Q5.70.1 Which villages do they go to work in most often? 1st named village

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Q5.70.10 Which villages do they go to work in most often? 10th named village

Coding instructions:

If Q5.69 = 2 then go to the next village/record

(comment: villagers do not go out to work in other villages)

If Q5.69 = 1 then go to Q5.70.1

Q5.70.1 is the number of the village/district/province named by the responding village

if Q5.70.1 = 9998 then go to next village/record

(comment: the response is inapplicable. I assume that Q5.70.2, ... Q5.70.10 are also inapplicable, but this can be checked)

(comment: The following lines will sort out whether Q5.70.1 is a village, district, or province number and then go to the appropriate coding description.)

if the first digit of Q5.70.1 is 2 then another village is named; skip to instructions for coding ties to other villages

if the first digit of Q5.70.1 is 3 then a village in another district is named; skip to instructions for coding ties to villages in other districts

if the first digit of Q5.70.1 is 4 then a village in another province is named; skip to instructions for coding ties to villages in other provinces

- skip to here if Q5.70.1 is a village number

let j = the position of the village named in Q5.70.1 in the ordered list of villages

$x_{ij} = 1$
(comment: village i has named village j as a place where villagers go to work)

go to the next named village/district/province (Q5.70.2, ... Q5.70.10)

- skip to here if Q5.70.1 is a district number:

let j = the position of the district named in Q5.70.1 in the ordered list of districts

$y_{ij} = 1$
(comment: village i has named district j as a place where villagers go to work)

go to the next named village (Q5.70.2, ... Q5.70.10)

- skip to here if Q5.70.1 is a province number:

let j = the position of the province named in Q5.70.1 in the ordered list of provinces

$z_{ij} = 1$
(comment: village i has named province j as a place where villagers go to work)

go to the next named village/district/province (Q5.70.2, ... Q5.70.10)

Variables Q5.70.2 through Q5.70.10 will be coded in the same way as variable Q5.70.1.

Where people come from to work in the village

Relevant variables:

Q5.74 Sometimes, does this village require laborers from other villages?

Q5.75.1 From which villages do they mostly come? 1st named village

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Q5.75.9 From which villages do they mostly come? 9th named village

Coding instructions:

If Q5.74 = 2 then go to the next village/record

(comment: people from other villages do not come to the village to work)

If Q5.74 = 1 then go to Q5.75.1

Q5.75.1 is the number of the village/district/province named by the responding village

if Q5.75.1 = 9998 then go to next village/record

(comment: the response is inapplicable. I assume that Q5.75.2, ... Q5.75.9 are also inapplicable, but this can be checked)

(comment: The following lines will sort out whether Q5.75.1 is a village, district, or province number and then go to the appropriate coding description.)

if the first digit of Q5.75.1 is 2 then another village is named; skip to instructions for coding ties to other villages

if the first digit of Q5.75.1 is 3 then a village in another district is named; skip to instructions for coding ties to villages in other districts

if the first digit of Q5.75.1 is 4 then a village in another province is named; skip to instructions for coding ties to villages in other provinces

- skip to here if Q5.75.1 is a village number

let j = the position of the village named in Q5.75.1 in the ordered list of villages

$x_{ij} = 1$

(comment: village i has named village j as a place where people come from to work in the village)

go to the next named village/district/province (Q5.75.2, ... Q5.75.9)

- skip to here if Q5.75.1 is a district number:

let j = the position of the district named in Q5.75.1 in the ordered list of districts

$$y_{ij} = 1$$

(comment: village i has named district j as a place where people come from to work in the village)

go to the next named village/district/province (Q5.75.2, ... Q5.75.9)

- skip to here if Q5.75.1 is a province number:

let j = the position of the province named in Q5.75.1 in the ordered list of provinces

$$z_{ij} = 1$$

(comment: village i has named province j as a place where people come from to work in the village)

go to the next named village/district/province (Q5.75.2, ... Q5.75.9)

Note: The two relations "where villagers go for daily labor" and "where people come from for daily labor" may or may not record the same ties from different perspectives. Village A may report that its members go to village B, but from village B's perspective laborers from village A may not be numerous or important enough to mention.

We can investigate this by looking at \mathbf{X}_{out} compared to \mathbf{X}_{in}' (where \mathbf{X}_{out} is reported labor going out and \mathbf{X}_{in}' is the transpose of ties coming in).

We can aggregate the two relations by defining a tie from village i to village j if either village i says its members go to village j or if village j reports that people come from village i to village j . This aggregated tie would be $(\mathbf{X}_{out} + \mathbf{X}_{in}')$ dichotomized (0/1). In the aggregated matrix there would be a tie from village i to village j if either i says its members go to j or j says it receives people from i .
