

revised 11/5/96

### **Shared Temples:**

#### **Relevant variables:**

- Q10.110      Is there a temple in this village?
- Q10.111      Does this temple belong to other villages?
- Q112.1      Village number of a village that shares the temple with responding village

#### **Coding instructions:**

if Q10.110 = 2 then go to the next village/ record

(comment: there is no temple in the village)

if Q10.110 = 1 then for responding village  $i$ ,  $x_{ii} = 1$

(comment: there is a tie from a village to itself if it has a temple)

if Q10.111 = 1 then go to instructions for coding variable(s) Q112.1, Q112.2 ... Q112.7

(comment: other villages share the temple)

if Q10.111 = 2 then go to next village/ record

(comment: no other villages share the temple)

- instructions for coding Q112.1, Q112.2 ... Q112.7

if Q112.1 = 9998 then go to the next village/record

(comment: I am assuming that if Q112.1 = 9998 then no other villages are named in Q112.2, ... Q112.7, but this could be checked.)

Here we sort out whether a village, district or province is named and go to the appropriate instructions.

if the first digit of Q112.1 is 2 then another village is named; skip to instructions for coding ties to other villages

if the first digit of Q112.1 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 Q112.1 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 Q112.1 is a village number:

let  $j$  = the position of the village named in Q112.1 in the ordered list of villages

$$x_{ij} = 1$$

(comment: responding village  $i$  has named village  $j$  as a village that shares its temple, so the tie  $x_{ij}$  is coded as present. The sociomatrix entry for responding village number  $i$  and named village number  $j$  will be equal to 1.)

go to the next named village/district/province

- skip to here if Q112.1 is a district number:

let  $j$  = the position of the district named in Q112.1 in the ordered list of districts

$$y_{ij} = 1$$

(comment: responding village  $i$  has named a village in district  $j$  as a village that shares its temple, so the tie  $y_{ij}$  is coded as present.)

go to the next named village/district/province

- skip to here if Q112.1 is a province number:

let  $j$  = the position of the province named in Q112.1 in the ordered list of provinces

$$z_{ij} = 1$$

(comment: responding village  $i$  has named a village in district  $j$  as a village that shares its temple, so the tie  $z_{ij}$  is coded as present.)

go to the next named village/district/province

Q112.2 through Q112.7 will be handled in the same way as Q112.1

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