

Codebook for my TLSA data : Family Members

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DESCRIPTION: This code book is for data set about family members

NOTE : Now only applicable for year 2003.

NOTE : Family members \in { Live together, Live separately, Others}

CODE: Please refer to file : hw3

Family Member's Demography variables

- relation: relationship ¹ ¹ please refer to the appendix1
- sex : 1: male, 2:female, 8: not applicable
- age : 88 or not applicable, 98: missing or forgotten
- edu : education level ² ² only ask age ≥ 6
 - 0 : illiterate
 - 1~ 6 : elementary school level of education
 - 7~ 9 : junior school level of edu
 - 10~ 12 : senior high school or junior college
 - 13~ 16 : University, college or high level of junior college
 - 17: Masters' and above
 - 99: Missing
- work: work status ³ ³ only ask age ≥ 6
 - 1: working
 - 2:study6ing
 - 3: serving military
 - 4: housewife
 - 5: unemployed or retired
 - 6: half work half study

- 7: others
- 8 : not applicable
- marstat: marriage status. ⁴
 - 1: have partners
 - 2: live together
 - 3: live separately
 - 4: divorced
 - 5: widowed
 - 6: unmarried
 - 8: not applicable
 - 9: unknown
- livstat : living status with the respondent
 - 0: live together
 - 1: live separately (formally)
 - 2: temporary separated due to work or study
 - 3: serving military
 - 4: others
 - 8: not applicable
 - 9: missing
 - 99: unknown, no asked since they belong to other family members
- livwhere: Where does the member live?
 - 0: live together
 - 1: neighborhood
 - 2: in the same block
 - 3: near
 - 4: other place
 - 5: People's Republic of China
 - 6: Other countries
 - 8: not applicable
 - 99: unknown, no asked since they belong to other family members
- meet: how often does the member meet the respondent?

⁴ only ask age >=15

- 0: live together
 - 1: everyday
 - 2: every few days
 - 3: every week
 - 4: every month
 - 5: every few months
 - 6: every year
 - 7: every few years or for long
 - 8: no need to meet
 - 88: not applicable
 - 97: others
 - 98: forget or turn down answering
 - 99: missing or categorized to other family members
- tele: how often does the member make a phone call to the respondent?
 - 0: live together
 - 1: everyday
 - 2: every few days
 - 3: every week
 - 4: every month
 - 5: every few months
 - 6: every year
 - 7: every few years or for long
 - 8: no need to call
 - 88: not applicable
 - 99: missing or categorized to other family members

CHANGES: adl_who_help and iadl_who_help are added into ADLs part.

NOTE: Others are the same as before.

Observer's Demography variables

- qtype
 - A: panel survey from 1996 till 2007
 - B: panel survey from 1993 till 2007 ⁵
 - C: pabel survey from 2003 till 2007
- ser_no : series number of participants from each wave of survey
- survey_year: the year that the survey conducted
- rsex : sex of the participants, 1:male, 2:female ⁶
- rage: participants age while when fill in the survey.⁷
- birthyear : participants' birth year. Also missing for type A and C.
- height : height in cm ⁸
- weight : weight in kg ⁹
- crt1 : currently living county
- crt2 : currently living Administrative District¹⁰
- dwell1 : the place where the participants live :
 1. : normal house
 2. : Veterans Home
 3. : Ren-Ai Home ¹¹
 4. : other long-term care institutions
- dwell2 : the area where the participants live:
 1. city
 2. village
 3. countryside
- nchldr : numbers of living children
- rwstat: currently working status:
 1. have job ,working
 2. have job, currently not working
 3. help family's work
 4. no job, searching
 5. house care

⁵ it was started in 1989, but the first wave is too chaotic

⁶ missing mainly in 1999, unmatched data

⁷ Missing in type A and C

⁸ missing a lot

⁹ missing a lot, and I think this variable is unmatchable

¹⁰ data is missing for 2003 and 2007

¹¹ government long-term care institution

- 6. no above work
 - reduc : education level of the participants.
 - 1~ 6 : elementary school level of education
 - 7~ 9 : junior school level of edu
 - 10~ 12 : senior high school or junior college
 - 13~ 16 : University, college or high level of junior college
 - 17: Masters' and above
 - ethnicity :
 1. : Ho-Lo
 2. : Hakka
 3. : Mainlanders
 4. : Aborigines
 5. : others
 - marstat: currently marriage status : ¹² ¹² missing for 1993
 1. married
 2. never get married
 3. divorced
 4. separated
 5. widowed
 - ntothh : numbers of people living together ¹³ ¹³ incl. him/herself, his/her partners and children
 - hlgenrat : self-reported current health status : 1(good) → 5(worse)
 - d_hosp : days stay in hospital per year
 - hosphp1: main reason staying in hospital ¹⁴ ¹⁴ see specific document
 - cursmoke: currently smoking or not. 1:yes, 0:no.
 - curdrink : currently drink or not. 1:yes, 0:no.
 - curchew : currently chewing betel nut or not. 1:yes, 0:no.
 - frqsport : frequence of conducting sport : ¹⁵ ¹⁵ missing for 1993
 0. No sport
 1. lower than 2 a week
 2. 3~5 per week
 3. 6~8 per week
 4. more than 9 times a week
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*ADLs**Physical disability*

The following code are documented by the following rule :

The participants are able to perform ____ without any help

0. no difficult at all
1. a bit difficult
2. very difficult
3. can not do it

- stand_15 : able to stand 15 min or not
- crouch : able to crouch or not
- hands_on_head : able to raise his/her hands above head
- twist: take or twist something by his/her fingers
- carry_heavy : able to hold 12kg thing
- run: run 20~30 meters
- stairs : able to climb 2~3 stairs
- adl_who_help : 0 : nobody help, others refer to appendix 1.

ADLs, Activity of daily living disability

The following code are documented by the following rule :

The participants are able to perform ____ without any help

0. no difficult at all
1. a bit difficult
2. very difficult
3. can not do it

- bath: able to take a bath individually
- clothes: able to wear and take off clothes individually
- dine : able to dine individually

- wakeup: able to wake up, stand and sit on chairs individually
- walk_indoor : able to walk indoor individually
- WC : able to relieve him/herself individually

IADLs, instrumental Activity of daily living disability

The following code are documented by the following rule :

The participants are able to perform ____ without any help

0. no difficult at all
1. a bit difficult
2. very difficult
3. can not do it

- grocery: able to buy grocery individually
- financial : able to deal with money, pay ...
- transport : able to drive cars, take taxi, bus and trains individually
- walk200 : able to walk more than 200 meters
- heavywork : able to perform heavy works near his/her house
- housework : able to perform housework, such as sweep the floor, dish washing, trash throwing ...
- telephone : able to make phone calls individually
- iadl_who_help : 0 : nobody help, others refer to appendix 1.

Important measurement

- phys : average disability of phys, normalized. (0 is the best, 1 is the worst)
- adl :average disability of adl, normalized. (0 is the best, 1 is the worst)
- iadl :average disability of iadl, normalized. (0 is the best, 1 is the worst)
- PHYS : 1 if one of the phys measurements is more than 0, 0 otherwise

- ADL : 1 if one of the adl measurements is more than 0, 0 otherwise
- IADL : 1 if one of the iadl measurements is more than 0, 0 otherwise

Diseases

Every column in the form of h_disease name represents whether the person have the history of having such disease or not. 1: yes, 0: no, NA: missing data.

- hibp : having high blood pressure or not. 1:yes, 0:no
- diab : having diabetes or not.
- strok : having stroke or not.
- cancer : having malignant tumor & cancer or not.
- broh : having bronchiolitis, pulmonary emphysema, pneumonia, asthma or not
- arth : having arthritis or not
- ulcer : having ulcer or not
- livpr : having liver, gallbladder diseases or not
- catar : having cataract or not
- glau: having glaucoma or not ¹⁶ ¹⁶ missing for 1999, 2003, 2007
- tbc : having tuberculosis or not ¹⁷ ¹⁷ missing for 1999, 2003, 2007
- kiddi : having kidney disease or not
- gout : having gout or not
- anem : having anemia or not ¹⁸ ¹⁸ missing for 1999, 2003
- spur : having bone spur or not ¹⁹ ¹⁹ missing for 1993
- hipbone : broke his/her hipbone or not
- headspine : having broke break around his/her head or spine²⁰ ²⁰ missing for 1999, 2003, 2007
- brokenbone : broke his/her bone somewhere ²¹ ²¹ missing for 1999, 2003, 2007
- prost : having prostate diseases ²² ²² missing for 1999, 2003 and female participants

Appendix 1: Table of relationships

code	Relationship
0	Null
1	Self
2	Partners
3	Concubine
5	Grandfather
6	Grandmother
7	Maternal Grandfather
8	Maternal Grandmother
9	Father's & Mother's brother
10	Father's & Mother's sister
11	Father
12	Mother
13	Father in law (husband's)
14	Mother in law (husband's)
15	Father in law (wife's)
16	Mother in law (wife's)
17	Foster/ Step Father
18	Foster/ Step Mother
19	Other elder relatives
20	Brothers and Sisters
21	Brother
22	Sister
23	Husband's Brother
24	Husband's Sister
25	Wife's Brother
26	Wife's Sister
27	Sister in law
28	Brother in law
29	Other relatives of the same generations
30	Son in law
31	Eldest Son
32	Second Son
33	Third Son
34	Fourth Son
35	Fifth Son and so forth

- 36 Son + Daughter
- 37 Adopted Son
- 38 Son
- 39 Other male relative of the next generation
- 40 Daughter in law
- 41 Eldest Daughter
- 42 Second Daughter
- 43 Third Daughter
- 44 Fourth Daughter
- 45 Fifth Daughter
- 46 Son + Daughter*
- 47 Adopted Daughter
- 48 Daughters
- 49 Other female relative of the next generation
- 50 Grandson and Granddaughter
- 51 Grandson (of son)
- 52 Granddaughter (of son)
- 53 Grandson(of daughter)
- 54 Grandson (unknown)
- 59 Other relative of the next next generation
- 61 Grandgrandson
- 62 Grand*3 son
- 70 Other relatives
- 71 Neighborhood
- 72 Friends (Classmate/ ex-husband)
- 73 Maid
- 74 Employee
- 75 Tenant
- 76 Landlord
- 77 Nurse/ Caregiver
- 78 Club Volunteer
- 79 Other non-relatives
- 81 Public institution
- 82 Private institution
- 83 Charity
- 88 Not applicable
- 91 Eldest son's Wife
- 92 Second son's Wife
- 93 Third son's Wife
- 94 Fourth son's Wife
- 95 Fifth son's Wife and so forth
- 96 Son's Wives
- 97 Families
- 98 Forget or Refuse to say
- 99 Missing