

Filename (Rdata, csv): ego
Definition: ego characteristics

name	type	values	definition	comments
IFClass	integer	1:24	expansion coefficient class	
ID	character	-	ego ID (e.g.: SR-1234567)	
egoGender	factor	Levels: Male, Female	gender	
egoAge	ordered factor	Levels: "0-9", "10-14", "15-19" , "20-24", "25-29", "30-34", "35-39", "40-44", "45-49", "50-54", "55-59", "60-64", "over 65"	age	
egoOccupation	factor	Levels: "Full time", "Freelance", "Part time", "Student", "Home maker", "Unemployed/retired", "Other"	occupation	
egoFamilyStatus	factor	Levels: "Single" , "In a relationship", "Married, no children" , "Married with children", "Divorced", "Widowed", "Other"	family status	
edu	factor	"Junior High", "High school" , "Vocational school", "Technical college", "Junior college", "Undergraduate", "Graduate"	education level	
homePref	character	-	home prefecture (In Japanese)	
home_x	numeric	-	home location longitude	not available for publicly open data
home_y	numeric	-	home location latitude	not available for publicly open data
hysize	numeric	-	household size	
hhMember_preschool	factor	Levels: "No", "Yes"	is there a household member in pre-school?	
hhMember_elementary	factor	Levels: "No", "Yes"	is there a household member in elementary school?	
hhMember_juniorHigh	factor	Levels: "No", "Yes"	is there a household member in junior high school?	
hhMember_highSchool	factor	Levels: "No", "Yes"	is there a household member in high school?	
hhMember_18to29	factor	Levels: "No", "Yes"	is there a household member of age 18 to 29?	
hhMember_30to49	factor	Levels: "No", "Yes"	is there a household member of age 30 to 49?	
hhMember_50to64	factor	Levels: "No", "Yes"	is there a household member of age 50 to 64?	
hhMember_over65	factor	Levels: "No", "Yes"	is there a household member of age over 65?	
hhMember_other	factor	Levels: "No", "Yes"	is there a household member that fits non of the above?	
drvics	factor	Levels: "No", "Yes"	postal code	
hascar	factor	Levels: "No", "Shared with household", "Has own car"	car ownership status	
hasbike	factor	Levels: "No", "Shared with household", "Has own bike"	bicycle ownership status	
workLocType	factor	Levels: "Work at home", "Fixed location out of home", "Variable locations"	work location type	
workPostalCode	integer	-	postal code of work location	
workAddress	character	-	work location address (In Japanese)	not available for publicly open data
workSta	character	-	work location nearest station	not available for publicly open data
egressModeW	factor	Levels: "Walk", "Bike", "Bus", "Car"	main egress mode (from nearest station to work)	
egressTimeW	numeric	Levels: no, yes-full-remote, yes-fixed-location, yes-variable-location	egress time (from nearest station to work)	
work_x	numeric	-	work location longitude	not available for publicly open data
work_y	numeric	-	work location latitude	not available for publicly open data
homeWorkDist_m	numeric	-	euclidean distance from home to work (m)	
income	ordered factor	Levels: "Not disclosed", "Under 2 million", "2-3 million", "3-4 million" , "4-5 million" , "5-6 million" , "6-7 million", "7-8 million", "8-9 million", "9-10 million", "10-11 million", "11-12 million", "over 12 million"	income in JPY	
snNumFamily	integer	-	How many intimate kin, co-workers, neighbors and friends do you have? (People you get together with frequently) - Kin	
snNumWorkSchool	integer	-	How many intimate kin, co-workers, neighbors and friends do you have? (People you get together with frequently) - co-worker/schoolmate	
snNumNeighbor	integer	-	How many intimate kin, co-workers, neighbors and friends do you have? (People you get together with frequently) - neighbor	
snNumClub	integer	-	How many intimate kin, co-workers, neighbors and friends do you have? (People you get together with frequently) - club members	

name	type	values	definition	comments
snNumOther	integer	-	How many intimate kin, co-workers, neighbors and friends do you have? (People you get together with frequently) - other friends	
snSize	numeric	-	social network size (from name generator)	
correctedSnSize	numeric	-	corrected social network size (from name generator):	duplicates removed. NAs set to 0.
nameGenList1	character	-	string of names elicited in first name generator (in Japanese)	not available for publicly open data
nameGenFull	character	-	string of names elicited in both name generators (in Japanese)	not available for publicly open data
helpAlterList	character	-	subset of alters to whom ego would ask for help in urgent situations. Uses Alter ID instead of nickname.	
discussAlterList	character	-	subset of alters to whom ego would discuss important matters with. Uses Alter ID instead of nickname.	
q8_1	ordered factor	Levels: 0 to 10 (0 being the lowest, 10 being the highest)	Generally speaking, would you say that most people can be trusted or that you can't be too careful in dealing with people?	
q8_2	ordered factor	Levels: 0 to 10 (0 being the lowest, 10 being the highest)	Do you think that most people would try to take advantage of you if they got the chance, or would they try to be fair?	
q8_3	ordered factor	Levels: 0 to 10 (0 being the lowest, 10 being the highest)	Would you say that most of the time people try to be helpful or that they are mostly looking out for themselves?	
q8_4	ordered factor	Levels: 0 to 10 (0 being the lowest, 10 being the highest)	I am ready to incur personal costs to help somebody who helped me before	
q9_1	ordered factor	Levels: 0 to 10 (0 being the lowest, 10 being the highest)	Trust in institutions: local neighborhood association	
q9_2	ordered factor	Levels: 0 to 10 (0 being the lowest, 10 being the highest)	Trust in institutions: city/community police	
q9_3	ordered factor	Levels: 0 to 10 (0 being the lowest, 10 being the highest)	Trust in institutions: city council, city parliament (executive)	
q9_4	ordered factor	Levels: 0 to 10 (0 being the lowest, 10 being the highest)	Trust in institutions: administrator of your ward or city	
q9_5	ordered factor	Levels: 0 to 10 (0 being the lowest, 10 being the highest)	Trust in institutions: Tokyo metropolitan assembly/ prefectural assembly	
q9_6	ordered factor	Levels: 0 to 10 (0 being the lowest, 10 being the highest)	Trust in institutions: Tokyo metropolitan police/ prefectural police	
q9_7	ordered factor	Levels: 0 to 10 (0 being the lowest, 10 being the highest)	Trust in institutions: national diet	
q9_8	ordered factor	Levels: 0 to 10 (0 being the lowest, 10 being the highest)	Trust in institutions: central government	
q9_9	ordered factor	Levels: 0 to 10 (0 being the lowest, 10 being the highest)	Trust in institutions: courts	
q9_10	ordered factor	Levels: 0 to 10 (0 being the lowest, 10 being the highest)	Trust in institutions: the Japanese political system	
contactAgain	integer	0;1	is willing to be contacted again (for follow-up survey)	
surveyStartTimeStampSec	integer	-	survey start timestamp	
surveyEndTimeStampSec	integer	-	survey end timestamp	
surveyDurationMin	numeric	-	survey duration (m)	
mode	character	"paper", "web"	survey mode	
homeCity	character	"Hino", "Kimitsu", "Kuki", "Matsudo", "Odawara", "Shinagawa"	home city name	
IFCoef	numeric		expansion coefficient	

Filename (Rdata, csv): alter
Definition: alter characteristics

name	type	values	definition	comments
ID	character	-	ego ID (e.g.: SR-1234567)	
alterID	numeric	-	alter id	
alterName	character	-	alter nickname (as stated in the name generator)	not available for publicly open data
aRelationType	factor	Levels: "Spouse/partner", "Child", "Parent", "Grandchild", "Grandparent", "Sibling", "In-law", "Other relative", "Work friend", "School friend", "Club/circle friend", "Neighbor", "Other friend"	type of relationship	
aAge	ordered factor	Levels: "0-9", "10-14", "15-19", "20-24", "25-29", "30-34", "35-39", "40-44", "45-49", "50-54", "55-59", "60-64", "over 65"	alter age	In the paper version the top level is "60 and older". As such, when mode is "paper" the level "60-64" must be interpreted as "over 60"
aGender	factor	Levels: Male, Female	alter gender	
aOccupation	factor	Levels: "Full time", "Freelance", "Part time", "Student", "Home maker", "Unemployed/retired", "Other"	alter occupation	
aFamilyStatus	factor	Levels: "Single", "In a relationship", "Married, no children", "Married with children", "Divorced", "Widowed", "Other"	alter family status	
aRelationLength	ordered factor	"Less than a year", "1-5 years", "5-10 years", "More than 10 years"	alter relation length	
aStrongTieDiscuss	numeric	0;1	1 if ego would discuss important matters with this alter, 0 otherwise	
aStrongTieHelp	numeric	0;1	1 if ego would ask for help in urgent situations to this alter , 0 otherwise	
aF2f	ordered factor	Levels: "Never", "1-3 times/year", "4-11 times/year", "1-2 times/month", "3-4 times/month", "1-3 times/week", "4-7 times/week", "Several times a day"	face to face interaction frequency	
aPhone	ordered factor	Levels: "Never", "1-3 times/year", "4-11 times/year", "1-2 times/month", "3-4 times/month", "1-3 times/week", "4-7 times/week", "Several times a day"	phone interaction frequency	
aEmail	ordered factor	Levels: "Never", "1-3 times/year", "4-11 times/year", "1-2 times/month", "3-4 times/month", "1-3 times/week", "4-7 times/week", "Several times a day"	e-mail/SMS interaction frequency	SMS refers to short text messages sent directly to a phone number
aSNS	ordered factor	Levels: "Never", "1-3 times/year", "4-11 times/year", "1-2 times/month", "3-4 times/month", "1-3 times/week", "4-7 times/week", "Several times a day"	SNS interaction frequency	Includes services such as Facebook, Twitter, Line, WhatsApp, Instagram. Does not include interactions such as "likes", "favorites", "pokes", etc.
aPrefTown	character	-	string of alter's prefecture and city name or nearest station, separated by space as "Prefecture City" (In Japanese)	
alterHome_y	numeric	-	alter home location latitude	
alterHome_x	numeric	-	alter home location longitude	
egoAlterDist_m	numeric	-	ego-alter euclidean distance (m)	

Filename (Rdata, csv): clique
Definition: clique characteristics

name	type	values	definition	comments
ID	character	-	ego ID (e.g.: SR-1234567)	
numberOfCliques	numeric	-	number of cliques reported	
cliqueID	numeric	-	clique ID	
cliqueName	character	-	clique Name (in Japanese)	not available for publicly open data
cliqueStructure	character	-	string of alters composing this clique	
cliqueSize	numeric	-	clique size	

Filename (Rdata, csv): model_data
Definition: merged data for contact frequency model estimation

name	type	values	definition	comments
ID	character	-	ego ID (e.g.: SR-1234567)	
IFClass	integer	1:24	expansion coefficient class	
egoGender	factor	Levels: Male, Female	gender	
egoAge	ordered factor	Levels: "0-9", "10-14", "15-19" , "20-24", "25-29", "30-34", "35-39", "40-44", "45-49", "50-54", "55-59", "60-64", "over 65"	age	
egoOccupation	factor	Levels: "Full time", "Freelance", "Part time", "Student", "Home maker", "Unemployed/retired", "Other"	occupation	
egoFamilyStatus	factor	Levels: "Single" , "In a relationship", "Married, no children" , "Married with children", "Divorced", "Widowed", "Other"	family status	
edu	factor	"Junior High", "High school" , "Vocational school", "Techical college", "Junior college", "Undergraduate", "Graduate"	education level	
hhsize	numeric	-	household size	
hhMember_preschool	factor	Levels: "No", "Yes"	is there a household member in pre-school?	
hhMember_elementary	factor	Levels: "No", "Yes"	is there a household member in elementary school?	
hhMember_juniorHigh	factor	Levels: "No", "Yes"	is there a household member in junior high school?	
hhMember_highSchool	factor	Levels: "No", "Yes"	is there a household member in high school?	
hhMember_18to29	factor	Levels: "No", "Yes"	is there a household member of age 18 to 29?	
hhMember_30to49	factor	Levels: "No", "Yes"	is there a household member of age 30 to 49?	
hhMember_50to64	factor	Levels: "No", "Yes"	is there a household member of age 50 to 64?	
hhMember_over65	factor	Levels: "No", "Yes"	is there a household member of age over 65?	
hhMember_other	factor	Levels: "No", "Yes"	is there a household member that fits non of the above?	
drvics	factor	Levels: "No", "Yes"	postal code	
hascar	factor	Levels: "No", "Shared with household", "Has own car"	car ownership status	
hasbike	factor	Levels: "No", "Shared with household", "Has own bike"	bicycle ownership status	
homeWorkDist_m	numeric	-	euclidean distance from home to work (m)	
income	ordered factor	Levels: "Not disclosed", "Under 2 million", "2-3 million", "3-4 million" , "4-5 million" , "5-6 million" , "6-7 million", "7-8 million", "8-9 million", "9-10 million", "10-11 million", "11-12 million", "over 12 million"	income in JPY	
snNumFamily	integer	-	How many intimate kin, co-workers, neighbors and friends do you have? (People you get together with frequently) - Kin	
snNumWorkSchool	integer	-	How many intimate kin, co-workers, neighbors and friends do you have? (People you get together with frequently) - co-worker/schoolmate	
snNumNeighbor	integer	-	How many intimate kin, co-workers, neighbors and friends do you have? (People you get together with frequently) - neighbor	
snNumClub	integer	-	How many intimate kin, co-workers, neighbors and friends do you have? (People you get together with frequently) - club members	
snNumOther	integer	-	How many intimate kin, co-workers, neighbors and friends do you have? (People you get together with frequently) - other friends	
snSize	numeric	-	social network size (from name generator)	
correctedSnSize	numeric	-	corrected social network size (from name generator):	duplicates removed. NAs set to 0.
homeCity	character	character	"Hino", "Kimitsu", "Kuki", "Matsudo", "Odawara", "Shinagawa"	home city name
IFCoef	numeric	numeric		expansion coefficient
alterID	numeric	numeric	-	alter id
aRelationType	factor	Levels: "Spouse/partner", "Child", "Parent", "Grandchild", "Grandparent" , "Sibling", "In-law", "Other relative", "Work friend" "School friend" , "Club/circle friend", "Neighbor" , "Other friend"	type of relationship	

name	type	values	definition	comments
aAge	ordered factor	Levels: "0-9", "10-14", "15-19", "20-24", "25-29", "30-34", "35-39", "40-44", "45-49", "50-54", "55-59", "60-64", "over 65"	alter age	In the paper version the top level is "60 and older". As such, when mode is "paper" the level "60-64" must be interpreted as "over 60"
aGender	factor	Levels: Male, Female	alter gender	
aOccupation	factor	Levels: "Full time", "Freelance", "Part time", "Student", "Home maker", "Unemployed/retired", "Other"	alter occupation	
aFamilyStatus	factor	Levels: "Single", "In a relationship", "Married, no children", "Married with children", "Divorced", "Widowed", "Other"	alter family status	
aRelationLength	ordered factor	"Less than a year", "1-5 years", "5-10 years", "More than 10 years"	alter relation length	
aStrongTieDiscuss	numeric	0;1	1 if ego would discuss important matters with this alter, 0 otherwise	
aStrongTieHelp	numeric	0;1	1 if ego would ask for help in urgent situations to this alter, 0 otherwise	
aF2f	ordered factor	Levels: "Never", "1-3 times/year", "4-11 times/year", "1-2 times/month", "3-4 times/month", "1-3 times/week", "4-7 times/week", "Several times a day"	face to face interaction frequency	
aPhone	ordered factor	Levels: "Never", "1-3 times/year", "4-11 times/year", "1-2 times/month", "3-4 times/month", "1-3 times/week", "4-7 times/week", "Several times a day"	phone interaction frequency	
aEmail	ordered factor	Levels: "Never", "1-3 times/year", "4-11 times/year", "1-2 times/month", "3-4 times/month", "1-3 times/week", "4-7 times/week", "Several times a day"	e-mail/SMS interaction frequency	SMS refers to short text messages sent directly to a phone number
aSNS	ordered factor	Levels: "Never", "1-3 times/year", "4-11 times/year", "1-2 times/month", "3-4 times/month", "1-3 times/week", "4-7 times/week", "Several times a day"	SNS interaction frequency	Includes services such as Facebook, Twitter, Line, WhatsApp, Instagram. Does not include interactions such as "likes", "favorites", "pokes", etc.
egoAlterDist_m	numeric	-	ego-alter euclidean distance (m)	
egoeduc	character	"secondary", "technical", "university"	re-classification of ego education	
egoAgeC	character	"1": 20-29 years; "2": 30-39 years; "3": 40-49 years; "4": 50-59 years; "5": 60 or older	re-classification of ego age	
hhinc	character	"low", "middle", "high", "not reported"	re-classification of income	low: under 3 million, middle: under 10 million
egoWorker	integer	0;1	1 if ego is worker, 0 otherwise	
couple	character	"no", "yes"	is ego married with no children?	
children	character	"no", "yes"	is ego married with children?	
aAgeC	character	"0", under 20 years; "1": 20-29 years; "2": 30-39 years; "3": 40-49 years; "4": 50-59 years; "5": 60 or older	re-classification of alter age	
distance	numeric	-	ego-alter euclidean distance (km)	
altrole	character	"friend", "immediate family", "extended family"	alter role	
emotcl	character	"somewhat close", "very close"	ego-alter emotional closeness	
logFace	numeric	-	log10 of face-to-face contact frequency	
logTel	numeric	-	log10 of phone contact frequency	
logMail	numeric	-	log10 of email/SMS contact frequency	
logSNS	numeric	-	log10 of SNS contact frequency	
logDist	numeric	-	log10 of ego-alter geodesic distance (m)	
homoGender	integer	0;1	1 if ego-alter are of same gender; 0 otherwise	
homoMM	integer	0;1	1 if ego-alter are both male; 0 otherwise	
homoFF	integer	0;1	1 if ego-alter are both female; 0 otherwise	
homoAgeC	integer	0;1	1 if egoAgeC = aAgeC; 0 otherwise	
homoAge	integer	0;1	1 if egoAge = aAge; 0 otherwise	
homoFamStatC	integer	0;1	1 if egoFamilyStatus=aFamilyStatus; 0 otherwise	
homoOccupC	integer	0;1	1 if egoOccupation=aOccupation; 0 otherwise	
contactType	character	"Ff2f_m", "Fmail_m", "Fsns_m", "Ftel_m"	type of contact	
Frequency	numeric		contact frequency (converted to annual frequency)	Midpoint of each frequency range was set as the frequency value. For the never case, frequency was set at 0.5, and for the several times per day case the frequency was set at 365.