

Supplement to:

Young, Cristobal, Benjamin Cornwell, Barum Park,  
Nan Feng. 2025. "Inequality and Social Ties: Evi-  
dence from 15 U.S. Data sets" Sociological Science  
12: 294-321.

### Appendix A Summary of All Datasets, Years, Sample Sizes, and Variables

**Table S1.** Summary of All Datasets, Years, Sample Sizes, and Variables

	Name of Dataset	Year	Sample size	Variables
1	American National Election Studies (ANES)	2006, 2008	2,000	Core Network Size; Number of Friends with BA
2	Current Population Survey (CPS). Annual Social and Economic Supplement oversample and Civic Engagement Survey	2008, 2010, 2011	5,300	Religious Volunteering; Types of Groups; Number of Close Friends
3	Cross-National Election Study (CNES)	1992	1,000	Core Network Size; Number of Friends with BA
4	General Social Survey (GSS)	1972-2018	1,000	Core Network Size; Number of Friends in Prestigious Occupations; Number of Friends with BA; Number of Groups; Found out about Jobs from Network; Frequency of Helping Others Find a Job; Types of Groups; Frequency of Religious Participation
5	National Education Longitudinal Study of 1988 (NELS)	1988	21,000	Network Closure [parents]; PTA Participation; Number of Groups [adolescents]
6	National Longitudinal Survey of Youth 1997 (NLSY97)	2008-2017	8,900	Contacted Friends/Relatives when Found Current Job
7	National Social Life, Health, and Aging Project (NSHAP)	2005,2015	3,000	Core Network Size
8	Pew Internet & American Life Poll: Personal Networks and Community Survey	2008	1,900	Number of Friends in Prestigious Occupations
9	Pew Research Center for the People & Press Poll	2015	500	Job Search via Personal Networks; Job Search through Close Friends/Relatives

**Table S1.** Summary of All Datasets, Years, Sample Sizes, and Variables (*continued*)

	Name of Dataset	Year	Sample size	Variables
10	Promoting School-community-university Partnerships to Enhance Resilience Peer Project (PROSPER)	2003	850	Number of Close Friends
11	Social Capital Community Benchmark Survey (SCBS)	2000	2,700	Number of Close Friends; Number of Groups; Member of Religious Group; Frequency of Religious Participation
12	Social Capital Survey (SC_USA)	2004	3,000	Number of Friends in Prestigious Occupations; Helpful People in Job Search; Receive Job-related Info without Asking
13	Longitudinal Study of Adolescent to Adult Health (Add Health)	1994-1995	10,000	Network Closure [parents]; Network Closure [adolescents]; Friends' Total Household Income; Friends' Parent Education; Number of Groups [adolescents]; Religious Youth Group; Member of PTA
14	The Multi-City Study of Urban Inequality (MCSUI)	1992	4,800	Talk to Friends/Relatives in Job Search; Find Job via Friends/Relatives; Core Network Size
15	Time Sharing Experiment of the Social Sciences (TESS)	2010, 2016	2,000	Core Network Size

*Note:* (1) The sample sizes listed in Table S1 are rough approximations because different social capital variables are associated with different numbers of valid cases. Precise sample sizes are listed in or below the related figures. (2) The “variable” column shows examples of social capital variables included in the dataset.

Category	Variable label	abbreviation_of_abbreviation_of_variable_label	Questionnaire text	Answer category	Dataset	Year
<b>Personal Networks</b>						
Core Network Size		importmat	V185 >H1a< Now let's shift our attention to another area. From time to time, most people discuss important matters with other people. Looking back over the last six months, I'd like to know the people you talked with about matters that are important to you. Can you think of anyone? <1> yes [goto nam1]	0-4	CNES	1992
Core Network Size		importmat	Now we have some questions about your social relationships and neighborhood activities. From time to time, most people discuss important matters with other people. Looking back over the last six months-- who are the people, other than people living in your household, with whom you discussed matters important to you? Please tell me the first name or initials of the people with whom you discussed matters important to you.	0-3	MCSUI	1992-1994
Core Network Size		importmat	127. From time to time, most people discuss important matters with other people. Looking back over the last six months - who are the people with whom you discussed matters important to you? Just tell me their first names or initials. IF LESS THAN 5 NAMES MENTIONED, PROBE. Anyone else? ONLY RECORD FIRST 5 NAMES.	0-5	GSS	1985
Core Network Size		importmat	118. From time to time, most people discuss important matters with other people. Who are the people with whom you discuss such matters? Just tell me their first names or initials. IF LESS THAN 3 NAMES MENTIONED, PROBE. Anyone else? ONLY RECORD FIRST 3 NAMES. BELOW AND ON NEXT PAGE.	0-5	GSS	1987
Core Network Size		importmat	127. From time to time, most people discuss important matters with other people. Looking back over the last six months - who are the people with whom you discussed matters important to you? Just tell me their first names or initials. IF LESS THAN 5 NAMES MENTIONED, PROBE. Anyone else? ONLY RECORD FIRST 5 NAMES.	0-5	GSS	2004
Core Network Size		importmat	What are the initials of the people who you talked with face-to-face, on the phone, by email, or in any other way during the past six months, about things that were important to you?	0-5	ANES	2006
Core Network Size		importmat	A1_loop. From time to time, most people discuss important matters with other people. Looking back over the last six months-- who are the people with whom you discussed matters important to you? Just tell us their first names or initials. 1. [SMALL TEXTBOX] Initials/Name	0-5	TESS	2010
Core Network Size		importmat	From time to time, most people discuss important matters with other people. Looking back over the last six months - who are the people with whom you discussed matters important to you? Just tell me their first names or initials	0-5	GSS	2010
Core Network Size		importmat	Q6a [O] From time to time, most people discuss important matters with other people. Looking back over the last last month - who are the people with whom you discussed matters important to you? Just tell us their first names or initials. [in the first screen] 1. [checkbox] Please type his or her name or initial [small textbox]	0-5	TESS	2016
Core Network Size		importmat		0-5	9 datasets above combined	1985-2016
Core Network Size		importmat	From time to time, most people discuss things that are important to them with others. For example, these may include good or bad things that happen to you, problems you are having, or important concerns you may have. [TURN TO ROSTER PAGE IN ALL-IN-ONE. GIVE BOOKLET TO RESPONDENT AND ASK HIM OR HER TO WRITE UP TO 5	0-5	NSHAP	2005, 2015
Core Network Size		importmat		0-5	10 datasets above combined	1985-2016
Number of Close Friends		closefdnum	NOT COUNTING family members, about how many CLOSE FRIENDS do you currently have, if any? These are people you feel at ease with, can talk to about private matters, or call on for help.	0-19	CPS	2008
Number of Close Friends		closefdnum	Now, how about friends? About how many CLOSE FRIENDS do you have these days? These are people you feel at ease with, can talk to about private matters, or call on for help. Would you say that you have no close friends, one or two, three to five, six to ten, or more than that?	0, 1-2, 3-5, 6-10, more than 10	SCBS	2000
Number of Close Friends		closefdnum	How many of the young people you know, males and females, do you consider to be your close friends?	0, 1, 2, 3-4, 5-6, 7-8, 9 or more	PROSPER	2003
Number of Close Friends		closefdnum	SCBS_CPS_PROSPER		3 datasets above	2000, 2003, 2008
Network Closure [parents]		pclonam	62. Please list the first names (or nicknames) of your eighth grader's close friends and indicate: (B) whether you know the parent's of that child (Yes or No).	0-5	NELS	1988
Network Closure [parents]		pclonam	C17 Please think about all of {NAME}'s friends. How many parents of {NAME}'s friends have you talked to in the last four weeks?	0-6&more	Add Health	1994-1995
Network Closure [parents]		pclonam			2 datasets above combined	1988, 1994
Network Closure [adolescents]		frddensity	Density of the network composed of ego and the set of alters nominated by ego	0-1	Add Health	1994-1995

**Network Resources**

Number of Friends with BA	colgradsnum	V201 >ed1 < What is the highest level of education [fill nam 1] has completed? Is it: <1> less than high school <3> a high school diploma, or	0-5	CNES	1992
Number of Friends with BA	colgradsnum	H10. What level of education has person 1 completed?	0-5	MCSUI	1992-1994
Number of Friends with BA	colgradsnum	136. This card lists general levels of education. As far as you know, what is (NAME)'s highest level of education? PROBE: Your best guess.	0-5	GSS	1985, 2004
Number of Friends with BA	colgradsnum	IWR.6. Interviewer education	0-5	ANES	2008
Number of Friends with BA	colgradsnum		0-5	4 datasets above	1985,1992, 2004, 2008
Number of Friends in Prestigious Occupations	acprestoccu	Here is a list of jobs that people you know may have. These people could be family or relatives, close friends or someone else you know. By "knowing" a person, we mean that you know him/her by name and well enough to contact him/her. If you know several people who have a job from those I'll mention, please answer for the person who you feel closest to. Each of these jobs could be held by a woman or a man. Do you	0,1,2	GSS	2018
Number of Friends in Prestigious Occupations	acprestoccu	Q27 Next, I am going to ask about types of jobs and whether people you know hold such jobs. These people include your relatives, friends and acquaintances. Do you happen to know someone who is... [INSERT ITEM; RANDOMIZE]? What about... [INSERT]? [IF NECESSARY: Do you know someone who is [INSERT]?] [modified PIAL Networked Workers 2008 modified a-p. q-v NOT asked in Networked Workers]	0,1,2	PEWPNCs	2008
Number of Friends in Prestigious Occupations	acprestoccu2	number of prestigious occupations where R has a connection (executives, lawyer, professor, congressman)	0, 1, 2, 3, 4	SC_USA	2004
Number of Friends in Prestigious Occupations	acprestoccu2			3 datasets above	2004-2018
Friends' Total Household Income	frdtotincome	Sum of nominated friends' household income	continuous	Add Health	1994-1995
Friends' Parent Education	frdpacolnum	number of friends with college_degree parents	0-10	Add Health	1994-1995
Receive Job-related Info without Asking	jobinfoask	Now I would like you to think of the last 12 months, did someone mention job possibilities, openings or opportunities to you, without your asking, in casual conversations? (This may include face-to-face, telephone, email, fax, etc.)	0,1	SC_USA	2004
Helpful People in Job Search	jobhelpnum	During the process of getting your [current/last] job, how many people helped you? [This may include all kinds of help, e.g., telling you the job opportunities, putting a good word for you, etc.]	0-10&more	SC_USA	2004
Talk to Friends/Relatives in Job Search	jobsfdrdel	Please look at this page. Now I would like to ask you a few questions about how you (last looked/are looking) for a job. Which of the following methods (did you use/are you using) in your job search? (in your search, have you did you, read each options) Options include: talk to friends, talk to relatives, use newspaper ads, use a labor union, use a state employment agency, etc.	0,1	MCSUI	1992-1994
Job Search through Close Friends/Relatives	jobsfdrdel	People may use many different resources when looking for a job. Thinking of your most recent job search, please tell me if you used any of the following resources. What about...personal connections with close friends or family members?	0,1	Pew Research Center for the People & Press Poll	2015
Found out about Jobs from Network	jobsfdrdel	how R found out about this job (1991); Please indicate how you first found out about work at your present employer(2002); who r would first turn to if they needed help finding a job? (2018)	0-1	GSS	1991, 2002, 2018
Find Job via Friends/Relatives	jobfdrdel	Did you find your (last/present) job through friends or relatives, other people, newspaper ads, or some other way?	0,1	MCSUI	1992-1994
Job Search via Personal Networks (above three combined)	jobsfnet	Combine the following 3 questions. Job3. People may use many different resources when looking for a job. Thinking of your most recent job search, please tell me if you used any of the following resources. What about a. personal connections with close friends or family members; did you use this in your most recent job search? b. personal connections with acquaintances or friends of friends; c. connections with people you	0,1	Pew Research Center for the People & Press Poll	2015
Frequency of Helping Others Find a Job	freqhlpjob	During the past 12 months, how often have you done any of the following things for people you know personally, such as relatives, friends, neighbors or other acquaintances? D. Helped somebody to find a job	0,1	GSS	2002, 2004, 2012, 2014
Contacted Friends/Relatives when Found Current Job	jobsfchnet	Recode the question below to a dummy variable: Think back to when you found your current job with [employer name]([loop]). Please look at this list of activities that people sometimes use to try to find a job. Which of these did you do to look for work at that time? (SELECT ALL THAT APPLY.) Answer categories: 1. Contacted Employer directly or interviewed; 2. contacted public employment	0,1	NLSY97	2008, 2009, 2010, 2011, 2013, 2015, 2017

**Group Affiliation**

Number of Groups	groupnum	Now we would like to know something about the groups or organizations to which individuals belong. Here is a list of various organizations. Could you tell me whether or not you are a member of each type? Read each item. Code one for each. (1)membership in fraternal group; (2)membership in service group; (3)membership in veteran group; (4)membership in political club;	0-16	GSS	1974, 1975, 1977, 1978, 1980, 1983, 1984, 1986, 1987, 1988, 1989, 1990,
Number of Groups	groupnum	Number of formal group involvements: (1)Service or fraternal organization; (2)Ethnic, nationality, or civil rights organization; (3)Political group; (4)Literary, art, or musical group; (5)Hobby, investment, or garden club; (6)Self-help program; (7)Group that meets over the Internet; (8)Other kinds of clubs or organizations; (9)Organization affiliated with religion; (10)Sports club, league, or outdoor activity club; (11)Youth	0-18	SCBS	2000
Types of Groups	groupnum	The next questions are about the groups or organizations in which people sometimes participate. I will read a list of types of groups and organizations. Please tell me whether or not you participated in any of these groups during the last 12 months, that is between November 2007 and now: (1)A school group, neighborhood, or community association such as PTA or neighborhood watch groups; (2) A service or civic	0-5	CPS	2008, 2010, 2011
Number of Groups [adolescents]	groupnum	*Have you or will you have participated in any of the following school activities during the current school year, either as a member, or as an officer (for example,	0-31	NELS	1988
Number of Groups	groupnum	GSS_SCBS_CPS_NELS		4 datasets above	1974-2011
Number of Groups	groupnum	GSS_SCBS_CPS		3 datasets combined	1974-2011
Number of Groups [adolescents]	groupnum	Number of clubs or organizations participate or plan to participate in	0-33	Add Health	1994-1995
Number of Groups [adolescents]	groupnum	AH_NELS		2 datasets combined	1988, 1994
Types of Groups	volumnum	People sometimes belong to different kinds of groups or associations. The next few questions contain different types of groups. For each type of group, please select a response to say whether you have participated in the activities of this group in the past 12 months. (1)A political party, club or association (2) A trade union, business, or professional association (3) A church or other religious organization (4) A	0-5	GSS	2002, 2004, 2014
Religious Volunteering	religpart	whether or not you participated in during the last 12 months: A church, synagogue, mosque or other religious institutions or organizations, NOT COUNTING your attendance at religious services	0-1	CPS	2008, 2010, 2011
Frequency of church group attendance	religpart	Many churches, synagogues, and other places of worship have special activities for teenagers--such as youth groups, Bible classes, or choir. In the past 12 months, how often did you attend such youth activities?	0-3	Add Health	1994-1995
Religious Youth Group	religpart	Many churches, synagogues, and other places of worship have special activities for teenagers--such as youth groups, Bible classes, or choir. In the past 12 months, how often did you attend such youth activities?	0-3	Add Health	1994-1995
Member of Religious Group	religmem	Are you a MEMBER of a local church, synagogue, or other religious or spiritual community?	0,1	SCBS	2000
Frequency of Religious Participation	religpartfreq	Not including weddings and funeral, how often do you attend religious services? 52 = every week 39 = almost every week 18 = once or twice a month	0-52	SCBS	2000
Frequency of Religious Participation	religpartfreq	How often do you attend religious services? (Use Categories as probes, if necessary) 1 Less than once a year 2 About once or twice a year 3 Several times a year 4 About once a month 5 2-3 times a month 6 Nearly every week 7 Every week 8 Several times a week	0-8	GSS	1972, 1973, 1974, 1975, 1976, 1977, 1978, 1980, 1982, 1983, 1984, 1985, 1988
PTA Participation	pta	59. Do you and your spouse/partner do any of the following at your eighth grader's school? (MARK ONE EACH) *1) BYP59A: Belong to a parent-teacher organization 2) BYP59B: Attend meetings of a parent-teacher organization	0-3	NELS	1988
Member of PTA	pta	A27. Please tell me whether you are a member of any of the following. A. Parent/ teacher organization.	0,1	Add Health	1994-1995