

Supplementary Online Material: The Paradox of Weak Ties in 55 Countries

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Here we provide more detailed information about the construction of the sample of user-friend pairs across 55 countries, descriptive statistics about users, friends, and user-friend pairs across 55 countries, and details about the statistical analysis presented in the main manuscript.

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1 Descriptive Statistics

1.1 Constructing the Sample

To generate our sample, we restricted data for our study to all users on Facebook between the ages 16 and 64 who list at least one employer and at least one school on their Facebook profile and who experienced a job transmission as of January 2011. We connected each user to all their Facebook friends who reside within the user's country between the ages 16 and 64 who list at least one employer and at least one school on their Facebook profile. We then restricted our sample to those 55 countries where there were at least 1,000 job transmissions in the raw data (see Figure 1 for country names, country abbreviations, and the color code used in the Figures found throughout the main document and SI). For countries with more than 1.5 million user-friend observations in total (CA, DK, GB, ID, IN, MY, PH, and US) we took a random sample of 10,000 users and connected those randomly selected users back to all their friends . For the remaining countries we collected data on all job transmission users and all their friends. Our final sample consists of 337,421 users who were transmitted a job by at least one friend, and 16,949,230 user-friend pairs. Table 1 and Figure 6 displays this information numerically and visually.

Recall that we define a job transmission as having occurred if (i) a user and a friend self-report that they are working at the same employer, (ii) the friend started work with the employer one or more years before the user started work with the employer, and (iii) the two were friends for one or more years prior to working together. This definition helps to ensure that the direction of help from friend to user is correct (since the friend was working for the employer first) and reduces the likelihood that the friends were hired together (since a year or more must pass between their start dates). Figure 2 displays this visually.

Figure 1: 55 Countries Included in the Study With Abbreviation and Color Code

ae	United Arab Emirates
ar	Argentina
at	Austria
au	Australia
be	Belgium
bg	Bulgaria
br	Brazil
ca	Canada
ch	Switzerland
cl	Chile
co	Colombia
cr	Costa Rica
cz	Czech Republic
de	Germany
dk	Denmark
do	Dominican Republic
ec	Ecuador
eg	Egypt
es	Spain
fi	Finland
fr	France
gb	United Kingdom
gr	Greece
hu	Hungary
id	Indonesia
ie	Ireland
il	Israel
in	India
is	Iceland
it	Italy
jo	Jordan
jp	Japan
kr	South Korea
mx	Mexico
my	Malaysia
ng	Nigeria
nl	Netherlands
no	Norway
nz	New Zealand
pe	Peru
ph	Philippines
pk	Pakistan
pl	Poland
pt	Portugal
ro	Romania
ru	Russian Federation
sa	Saudi Arabia
se	Sweden
th	Thailand
tr	Turkey
tw	Taiwan
us	United States
ve	Venezuela
vn	VietNam
za	South Africa

Figure 2: Job Transmission Example

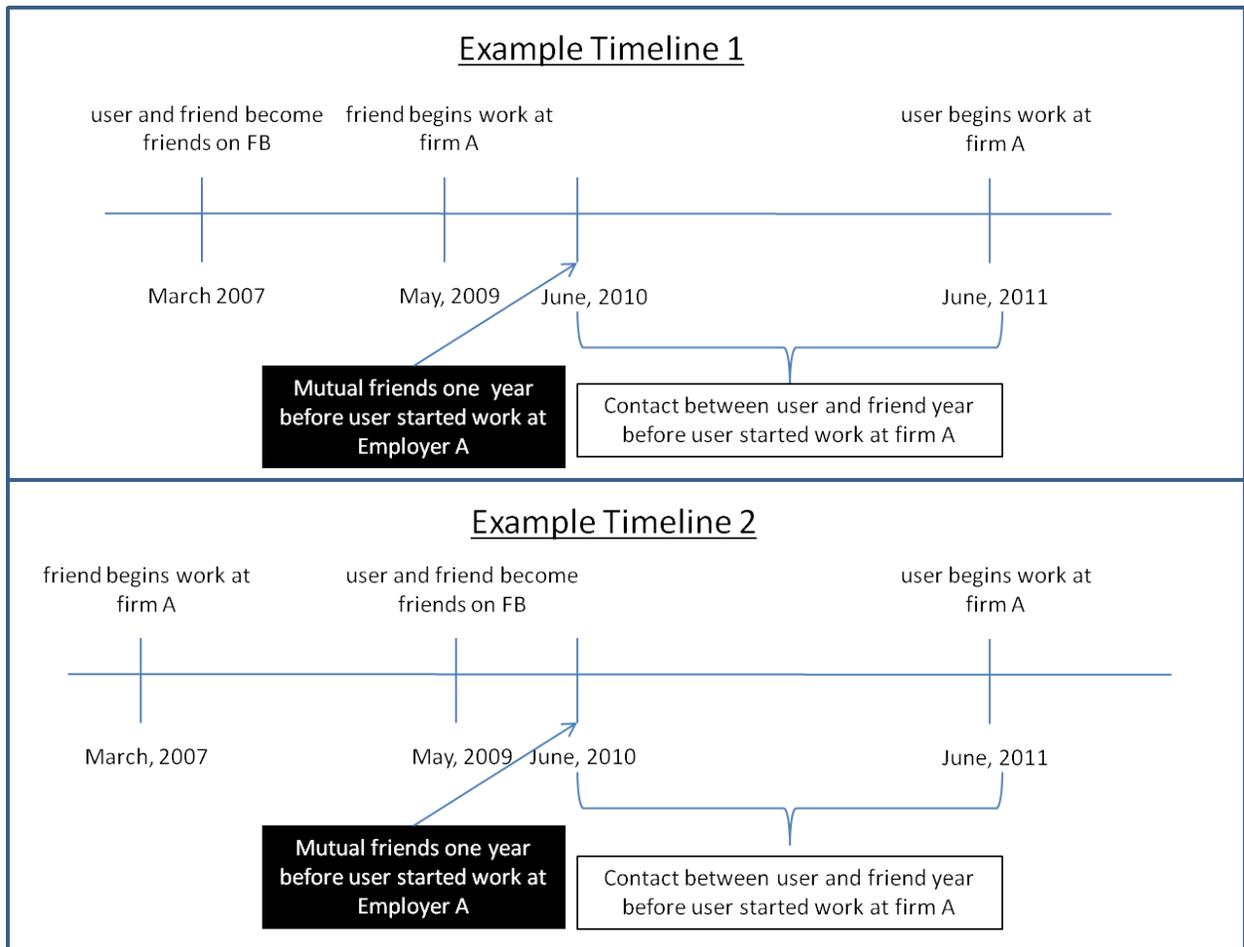


Figure 2 shows two examples of the timeline of events where a user would be identified as being “transmitted” her most recent job from a friend. We are ambivalent about the timing of Facebook friendship as compared to friend’s start date because the time of Facebook friendship is only observable from 2007 onward, whereas the friend’s start date can take values before 2007. The figure shows the time period contact-based tie strength is measured over, as well as the point in time mutual friends are measured.

Figure 3: Job Transmission Example

The screenshot shows the 'Edit Profile' page for Laura Gee. At the top, there are buttons for 'View My Profile' and 'View As...'. Below the name, there is a search bar for employers with the placeholder text 'Where have you worked?'. The first job entry is for 'Ucsd', with the position 'Graduate Teaching Assistant' and the dates 'September 2008 to present'. There is an 'Add a Project' link and an 'Edit' button. The second job entry is for 'LECG', with the position 'Research Associate'. This entry is currently being edited, as shown by the expanded form. The form includes fields for 'City/Town', 'Description', and 'Time Period'. The 'Time Period' section has a checkbox for 'I currently work here' and two rows of date pickers. The first row shows '2004' and 'July', and the second row shows '2007' and 'July'. There are '+ Add day to' links between the date pickers. At the bottom of the form are 'Save Changes' and 'Cancel' buttons. Below the LECG job entry, there is another 'Add a Project' link and an 'Edit' button.

Figure 3 displays an example of how a user can enter their employment information on Facebook. Importantly, notice that users enter the dates when they started employment. We use that date rather than the date that the user entered the information, which might occur later in time.

Figure 4: User-to-Friend Post Example

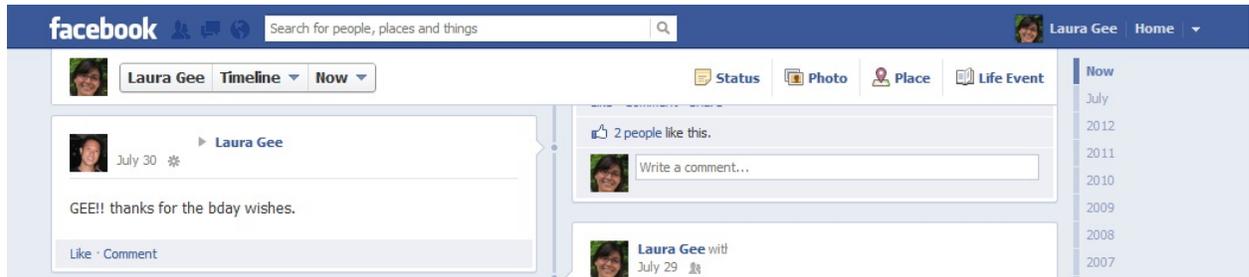


Figure 4 shows a post, which is a message displayed on a Facebook user's homepage (wall). The number of times a user posts on a friend's wall in a year is one of our measures of contact-based tie-strength measures. Note that the wall is also sometimes called the 'timeline.'

Figure 5: Tag Example

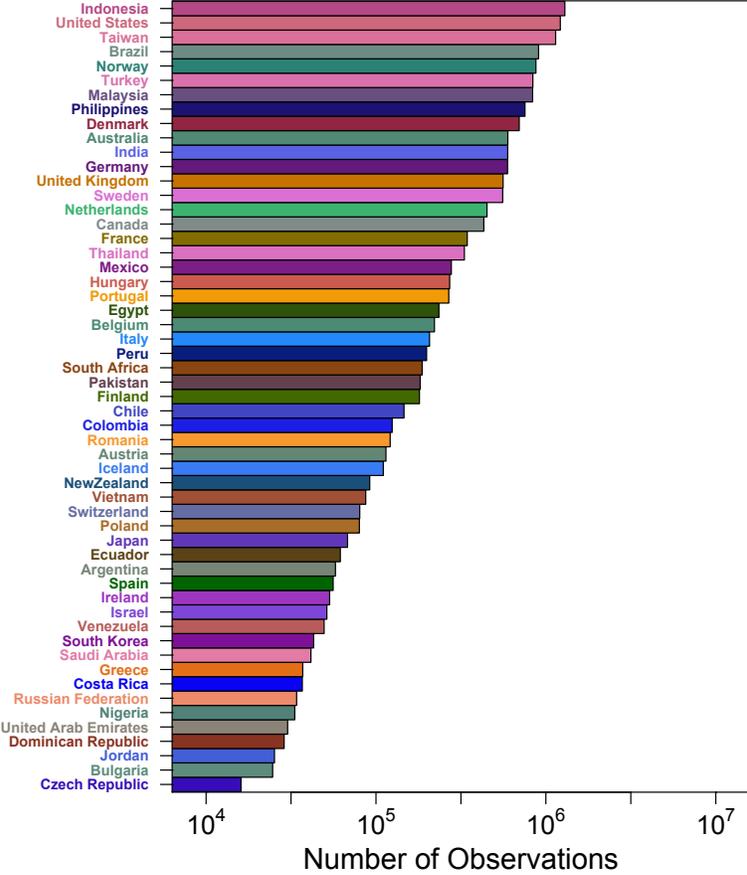


Figure 5 shows a photo tag, which is observed when a user indicates that another user is pictured in a photograph. The number of times a user tags a friend in a year is one of our contact-based tie strength measures.

Table 1: Number of observations per country.

Country	Abbreviation	N	Country	Abbreviation	N
Indonesia	id	1,293,421	Chile	cl	146,213
United States	us	1,216,097	Colombia	co	124,537
Taiwan	tw	1,141,440	Romania	ro	121,216
Brazil	br	905,785	Austria	at	114,453
Norway	no	873,867	Iceland	is	110,445
Turkey	tr	838,252	New Zealand	nz	91,881
Malaysia	my	835,378	Vietnam	vn	87,035
Philippines	ph	753,391	Switzerland	ch	80,252
Denmark	dk	696,988	Poland	pl	79,835
Australia	au	597,200	Japan	jp	68,014
India	in	596,162	Ecuador	ec	61,667
Germany	de	594,748	Argentina	ar	57,730
United Kingdom	gb	560,088	Spain	es	55,966
Sweden	se	557,176	Ireland	ie	53,348
Netherlands	nl	450,199	Israel	il	51,392
Canada	ca	431,258	Venezuela	ve	49,515
France	fr	344,577	Korea, South	kr	42,954
Thailand	th	331,379	Saudi Arabia	sa	41,408
Mexico	mx	277,695	Greece	gr	37,068
Hungary	hu	271,507	Costa Rica	cr	36,842
Portugal	pt	268,258	Russian Federation	ru	34,111
Egypt	eg	234,630	Nigeria	ng	33,273
Belgium	be	220,846	United Arab Emirates	ae	30,202
Italy	it	206,638	Dominican Republic	do	28,800
Peru	pe	198,578	Jordan	jo	25,260
South Africa	za	187,099	Bulgaria	bg	24,652
Pakistan	pk	182,227	Czech Republic	cz	16,055
Finland	fi	180,222	Total		16,949,230

Figure 6: Number of observations per country.



1.2 Descriptive Statistics for Users in Each Country

The tables in this subsection present the user-level summary statistics for each country. Note that “ego” refers to the focal users who experienced job transmissions. We report on the friends of these users in the next subsection.

Table 2: Descriptive Statistics for Users in Each Country

AE: United Arab Emirates					AU: Australia				
Variable	Mean	SD	Min	Max	Variable	Mean	SD	Min	Max
age	29.563	6.415	16	62	age	26.975	8.621	16	64
male	0.704	0.456	0	1	male	0.487	0.500	0	1
some HS	0.081	0.272	0	1	some HS	0.323	0.468	0	1
some college	0.694	0.461	0	1	some college	0.543	0.498	0	1
some post BA	0.225	0.418	0	1	some post BA	0.133	0.340	0	1
married	0.368	0.482	0	1	married	0.216	0.411	0	1
single	0.314	0.464	0	1	single	0.302	0.459	0	1
in a relationship	0.077	0.267	0	1	in a relationship	0.266	0.442	0	1
engaged	0.044	0.206	0	1	engaged	0.056	0.229	0	1
1 yr post	20.987	55.413	0	799	1 yr post	19.449	53.376	0	1785
1 yr tags	16.235	44.653	0	1170	1 yr tags	16.128	30.150	0	788
ego friends	299.997	309.688	3	4876	ego friends	299.812	243.587	1	4338

AR: Argentina					BE: Belgium				
Variable	Mean	SD	Min	Max	Variable	Mean	SD	Min	Max
age	27.824	9.394	16	64	age	28.637	7.915	16	64
male	0.579	0.494	0	1	male	0.503	0.500	0	1
some HS	0.286	0.452	0	1	some HS	0.200	0.400	0	1
some college	0.654	0.476	0	1	some college	0.562	0.496	0	1
some post BA	0.060	0.237	0	1	some post BA	0.239	0.426	0	1
married	0.164	0.370	0	1	married	0.184	0.388	0	1
single	0.343	0.475	0	1	single	0.204	0.403	0	1
in a relationship	0.208	0.406	0	1	in a relationship	0.367	0.482	0	1
engaged	0.048	0.214	0	1	engaged	0.042	0.200	0	1
1 yr post	10.007	40.228	0	1619	1 yr post	10.061	36.349	0	1338
1 yr tags	7.482	14.496	0	262	1 yr tags	12.066	18.662	0	276
ego friends	380.590	510.734	3	4921	ego friends	292.344	265.873	5	4737

AT: Austria					BG: Bulgaria				
Variable	Mean	SD	Min	Max	Variable	Mean	SD	Min	Max
age	24.598	6.550	16	61	age	27.165	6.240	16	62
male	0.631	0.482	0	1	male	0.514	0.500	0	1
some HS	0.439	0.496	0	1	some HS	0.166	0.372	0	1
some college	0.509	0.500	0	1	some college	0.693	0.461	0	1
some post BA	0.052	0.223	0	1	some post BA	0.142	0.349	0	1
married	0.088	0.283	0	1	married	0.167	0.373	0	1
single	0.282	0.450	0	1	single	0.249	0.432	0	1
in a relationship	0.341	0.474	0	1	in a relationship	0.251	0.434	0	1
engaged	0.021	0.145	0	1	engaged	0.026	0.161	0	1
1 yr post	8.013	27.078	0	970	1 yr post	11.241	44.355	0	560
1 yr tags	12.382	19.006	0	332	1 yr tags	8.465	12.848	0	127
ego friends	280.764	231.324	1	3468	ego friends	290.204	239.704	9	1873

BR: Brazil

Variable	Mean	SD	Min	Max
age	28.226	7.562	16	64
male	0.573	0.495	0	1
some HS	0.067	0.251	0	1
some college	0.703	0.457	0	1
some post BA	0.229	0.420	0	1
married	0.204	0.403	0	1
single	0.219	0.414	0	1
in a relationship	0.271	0.444	0	1
engaged	0.043	0.204	0	1
1 yr post	18.048	41.797	0	1039
1 yr tags	15.394	25.149	0	916
ego friends	261.093	266.066	1	4628

CL: Chile

Variable	Mean	SD	Min	Max
age	27.474	7.892	16	64
male	0.563	0.496	0	1
some HS	0.198	0.399	0	1
some college	0.727	0.446	0	1
some post BA	0.075	0.264	0	1
married	0.172	0.378	0	1
single	0.367	0.482	0	1
in a relationship	0.221	0.415	0	1
engaged	0.082	0.275	0	1
1 yr post	13.196	40.502	0	884
1 yr tags	16.474	41.414	0	1940
ego friends	336.359	338.446	1	4868

CA: Canada

Variable	Mean	SD	Min	Max
age	26.365	8.236	16	64
male	0.474	0.499	0	1
some HS	0.242	0.428	0	1
some college	0.636	0.481	0	1
some post BA	0.122	0.328	0	1
married	0.173	0.378	0	1
single	0.297	0.457	0	1
in a relationship	0.276	0.447	0	1
engaged	0.052	0.222	0	1
1 yr post	14.144	48.446	0	2202
1 yr tags	17.734	30.083	0	443
ego friends	343.453	276.927	4	4582

CO: Colombia

Variable	Mean	SD	Min	Max
age	26.019	7.651	16	64
male	0.598	0.490	0	1
some HS	0.187	0.390	0	1
some college	0.705	0.456	0	1
some post BA	0.108	0.310	0	1
married	0.178	0.382	0	1
single	0.400	0.490	0	1
in a relationship	0.191	0.393	0	1
engaged	0.049	0.217	0	1
1 yr post	7.614	26.525	0	659
1 yr tags	6.152	15.538	0	376
ego friends	347.478	403.423	7	5187

CH: Switzerland

Variable	Mean	SD	Min	Max
age	27.329	7.292	16	60
male	0.671	0.470	0	1
some HS	0.313	0.464	0	1
some college	0.535	0.499	0	1
some post BA	0.152	0.359	0	1
married	0.141	0.348	0	1
single	0.243	0.429	0	1
in a relationship	0.277	0.448	0	1
engaged	0.028	0.165	0	1
1 yr post	5.628	22.868	0	532
1 yr tags	6.568	13.604	0	219
ego friends	298.547	235.461	8	3017

CR: Costa Rica

Variable	Mean	SD	Min	Max
age	27.645	7.233	16	63
male	0.587	0.492	0	1
some HS	0.161	0.367	0	1
some college	0.729	0.445	0	1
some post BA	0.111	0.314	0	1
married	0.182	0.386	0	1
single	0.381	0.486	0	1
in a relationship	0.199	0.399	0	1
engaged	0.038	0.190	0	1
1 yr post	16.628	36.418	0	496
1 yr tags	12.927	20.955	0	273
ego friends	305.944	289.472	6	4041

CZ: Czech Republic

Variable	Mean	SD	Min	Max
age	25.517	5.434	16	54
male	0.543	0.498	0	1
some HS	0.381	0.486	0	1
some college	0.421	0.494	0	1
some post BA	0.198	0.399	0	1
married	0.118	0.322	0	1
single	0.267	0.443	0	1
in a relationship	0.358	0.479	0	1
engaged	0.044	0.205	0	1
1 yr post	7.227	20.557	0	307
1 yr tags	4.436	8.198	0	70
ego friends	206.583	150.414	4	1353

DO: Dominican Republic

Variable	Mean	SD	Min	Max
age	23.883	7.192	16	58
male	0.555	0.497	0	1
some HS	0.209	0.406	0	1
some college	0.680	0.466	0	1
some post BA	0.111	0.315	0	1
married	0.181	0.385	0	1
single	0.389	0.488	0	1
in a relationship	0.187	0.390	0	1
engaged	0.043	0.203	0	1
1 yr post	14.538	39.502	0	779
1 yr tags	9.821	23.002	0	317
ego friends	443.599	425.170	1	3602

DE: Germany

Variable	Mean	SD	Min	Max
age	25.599	6.624	16	64
male	0.561	0.496	0	1
some HS	0.476	0.499	0	1
some college	0.468	0.499	0	1
some post BA	0.057	0.231	0	1
married	0.115	0.319	0	1
single	0.215	0.411	0	1
in a relationship	0.344	0.475	0	1
engaged	0.030	0.171	0	1
1 yr post	8.344	20.317	0	501
1 yr tags	12.685	18.984	0	703
ego friends	197.249	175.508	1	4476

EC: Ecuador

Variable	Mean	SD	Min	Max
age	24.581	7.153	16	62
male	0.562	0.496	0	1
some HS	0.179	0.383	0	1
some college	0.734	0.442	0	1
some post BA	0.087	0.281	0	1
married	0.218	0.413	0	1
single	0.400	0.490	0	1
in a relationship	0.166	0.373	0	1
engaged	0.038	0.192	0	1
1 yr post	16.114	38.802	0	991
1 yr tags	9.660	17.215	0	210
ego friends	330.198	392.408	1	4709

DK: Denmark

Variable	Mean	SD	Min	Max
age	29.823	9.629	16	64
male	0.431	0.495	0	1
some HS	0.240	0.427	0	1
some college	0.627	0.484	0	1
some post BA	0.133	0.339	0	1
married	0.241	0.428	0	1
single	0.247	0.431	0	1
in a relationship	0.308	0.462	0	1
engaged	0.043	0.204	0	1
1 yr post	13.032	37.820	0	887
1 yr tags	19.522	26.071	0	288
ego friends	268.524	187.332	2	4409

EG: Egypt

Variable	Mean	SD	Min	Max
age	25.059	4.833	16	61
male	0.686	0.464	0	1
some HS	0.032	0.175	0	1
some college	0.833	0.373	0	1
some post BA	0.135	0.342	0	1
married	0.181	0.385	0	1
single	0.489	0.500	0	1
in a relationship	0.032	0.177	0	1
engaged	0.102	0.302	0	1
1 yr post	26.344	73.312	0	2704
1 yr tags	28.377	51.296	0	622
ego friends	308.826	288.370	2	3967

ES: Spain					GB: United Kingdom				
Variable	Mean	SD	Min	Max	Variable	Mean	SD	Min	Max
age	29.663	7.870	16	64	age	26.315	8.312	16	64
male	0.614	0.487	0	1	male	0.464	0.499	0	1
some HS	0.233	0.423	0	1	some HS	0.245	0.430	0	1
some college	0.628	0.483	0	1	some college	0.629	0.483	0	1
some post BA	0.139	0.345	0	1	some post BA	0.126	0.332	0	1
married	0.160	0.367	0	1	married	0.172	0.377	0	1
single	0.256	0.436	0	1	single	0.299	0.458	0	1
in a relationship	0.209	0.406	0	1	in a relationship	0.311	0.463	0	1
engaged	0.035	0.184	0	1	engaged	0.079	0.270	0	1
1 yr post	9.156	26.808	0	348	1 yr post	29.433	76.716	0	2154
1 yr tags	6.343	12.662	0	207	1 yr tags	23.287	43.274	0	1275
ego friends	258.786	359.594	1	5123	ego friends	350.712	283.705	3	5010

FL: Finland					GR: Greece				
Variable	Mean	SD	Min	Max	Variable	Mean	SD	Min	Max
age	29.649	7.852	16	64	age	27.993	8.489	16	63
male	0.435	0.496	0	1	male	0.593	0.491	0	1
some HS	0.202	0.401	0	1	some HS	0.172	0.377	0	1
some college	0.670	0.470	0	1	some college	0.679	0.467	0	1
some post BA	0.128	0.334	0	1	some post BA	0.149	0.356	0	1
married	0.267	0.443	0	1	married	0.187	0.390	0	1
single	0.150	0.357	0	1	single	0.241	0.428	0	1
in a relationship	0.220	0.414	0	1	in a relationship	0.153	0.360	0	1
engaged	0.101	0.301	0	1	engaged	0.021	0.143	0	1
1 yr post	4.440	16.125	0	416	1 yr post	8.288	33.288	0	592
1 yr tags	12.495	18.332	0	290	1 yr tags	8.938	19.015	0	225
ego friends	258.413	201.304	1	2294	ego friends	492.772	680.594	10	6110

FR: France					HU: Hungary				
Variable	Mean	SD	Min	Max	Variable	Mean	SD	Min	Max
age	26.588	6.506	16	64	age	26.818	7.353	16	63
male	0.531	0.499	0	1	male	0.535	0.499	0	1
some HS	0.198	0.399	0	1	some HS	0.322	0.467	0	1
some college	0.636	0.481	0	1	some college	0.401	0.490	0	1
some post BA	0.166	0.372	0	1	some post BA	0.277	0.447	0	1
married	0.125	0.331	0	1	married	0.114	0.317	0	1
single	0.206	0.404	0	1	single	0.225	0.417	0	1
in a relationship	0.297	0.457	0	1	in a relationship	0.362	0.481	0	1
engaged	0.048	0.213	0	1	engaged	0.056	0.230	0	1
1 yr post	7.915	28.658	0	888	1 yr post	8.410	20.513	0	342
1 yr tags	8.164	14.878	0	297	1 yr tags	19.389	27.500	0	524
ego friends	230.102	274.316	1	5064	ego friends	328.022	277.452	3	4899

ID: Indonesia

Variable	Mean	SD	Min	Max
age	24.459	6.242	16	64
male	0.571	0.495	0	1
some HS	0.181	0.385	0	1
some college	0.679	0.467	0	1
some post BA	0.140	0.347	0	1
married	0.231	0.421	0	1
single	0.316	0.465	0	1
in a relationship	0.186	0.389	0	1
engaged	0.072	0.259	0	1
1 yr post	24.188	68.313	0	1663
1 yr tags	16.214	33.174	0	734
ego friends	733.106	703.296	1	5346

IN: India

Variable	Mean	SD	Min	Max
age	26.745	5.520	16	62
male	0.809	0.393	0	1
some HS	0.029	0.167	0	1
some college	0.513	0.500	0	1
some post BA	0.458	0.498	0	1
married	0.238	0.426	0	1
single	0.464	0.499	0	1
in a relationship	0.043	0.202	0	1
engaged	0.021	0.143	0	1
1 yr post	19.998	56.890	0	2387
1 yr tags	15.988	28.363	0	608
ego friends	246.830	241.988	1	5150

IE: Ireland

Variable	Mean	SD	Min	Max
age	25.115	6.171	16	59
male	0.500	0.500	0	1
some HS	0.155	0.362	0	1
some college	0.714	0.452	0	1
some post BA	0.131	0.337	0	1
married	0.119	0.324	0	1
single	0.327	0.469	0	1
in a relationship	0.281	0.449	0	1
engaged	0.037	0.189	0	1
1 yr post	29.532	80.038	0	1220
1 yr tags	19.983	28.690	0	260
ego friends	330.173	235.584	5	2684

IS: Iceland

Variable	Mean	SD	Min	Max
age	27.372	8.548	16	60
male	0.468	0.499	0	1
some HS	0.206	0.404	0	1
some college	0.579	0.494	0	1
some post BA	0.215	0.411	0	1
married	0.159	0.366	0	1
single	0.316	0.465	0	1
in a relationship	0.328	0.469	0	1
engaged	0.078	0.268	0	1
1 yr post	20.401	42.344	0	410
1 yr tags	30.329	35.202	0	442
ego friends	412.452	258.309	21	3634

IL: Israel

Variable	Mean	SD	Min	Max
age	27.713	7.798	16	62
male	0.609	0.488	0	1
some HS	0.304	0.460	0	1
some college	0.527	0.499	0	1
some post BA	0.169	0.375	0	1
married	0.242	0.428	0	1
single	0.330	0.470	0	1
in a relationship	0.152	0.359	0	1
engaged	0.039	0.194	0	1
1 yr post	11.232	29.453	0	557
1 yr tags	9.700	27.048	0	696
ego friends	391.734	375.533	1	4264

IT: Italy

Variable	Mean	SD	Min	Max
age	30.248	8.743	16	64
male	0.627	0.484	0	1
some HS	0.324	0.468	0	1
some college	0.496	0.500	0	1
some post BA	0.180	0.384	0	1
married	0.209	0.407	0	1
single	0.211	0.408	0	1
in a relationship	0.139	0.346	0	1
engaged	0.154	0.360	0	1
1 yr post	11.246	39.130	0	1372
1 yr tags	9.899	18.940	0	364
ego friends	394.493	435.522	1	5837

JO: Jordan

Variable	Mean	SD	Min	Max
age	26.061	5.412	16	56
male	0.669	0.471	0	1
some HS	0.044	0.204	0	1
some college	0.761	0.426	0	1
some post BA	0.195	0.396	0	1
married	0.211	0.408	0	1
single	0.449	0.497	0	1
in a relationship	0.061	0.239	0	1
engaged	0.067	0.251	0	1
1 yr post	14.090	38.559	0	627
1 yr tags	23.355	39.508	0	508
ego friends	282.046	294.455	1	3764

MX: Mexico

Variable	Mean	SD	Min	Max
age	25.152	7.295	16	64
male	0.576	0.494	0	1
some HS	0.114	0.318	0	1
some college	0.754	0.431	0	1
some post BA	0.132	0.339	0	1
married	0.170	0.375	0	1
single	0.385	0.487	0	1
in a relationship	0.219	0.413	0	1
engaged	0.050	0.217	0	1
1 yr post	18.575	46.398	0	1035
1 yr tags	13.947	29.689	0	1052
ego friends	353.167	434.965	1	4921

JP: Japan

Variable	Mean	SD	Min	Max
age	33.379	7.861	16	62
male	0.774	0.418	0	1
some HS	0.064	0.245	0	1
some college	0.681	0.466	0	1
some post BA	0.255	0.436	0	1
married	0.357	0.479	0	1
single	0.179	0.383	0	1
in a relationship	0.061	0.239	0	1
engaged	0.007	0.085	0	1
1 yr post	12.039	40.256	0	781
1 yr tags	9.528	20.461	0	302
ego friends	181.595	243.107	1	2951

MY: Malaysia

Variable	Mean	SD	Min	Max
age	25.799	6.536	16	64
male	0.523	0.499	0	1
some HS	0.151	0.358	0	1
some college	0.618	0.486	0	1
some post BA	0.232	0.422	0	1
married	0.283	0.450	0	1
single	0.324	0.468	0	1
in a relationship	0.158	0.365	0	1
engaged	0.049	0.216	0	1
1 yr post	29.560	71.991	0	1710
1 yr tags	18.153	36.192	0	899
ego friends	516.573	524.865	2	4978

KR: South Korea

Variable	Mean	SD	Min	Max
age	30.905	8.263	16	62
male	0.781	0.414	0	1
some HS	0.048	0.215	0	1
some college	0.639	0.480	0	1
some post BA	0.313	0.464	0	1
married	0.260	0.439	0	1
single	0.247	0.431	0	1
in a relationship	0.114	0.318	0	1
engaged	0.009	0.097	0	1
1 yr post	11.261	38.380	0	652
1 yr tags	12.347	30.358	0	563
ego friends	192.836	305.870	2	4681

NG: Nigeria

Variable	Mean	SD	Min	Max
age	28.973	7.672	16	64
male	0.762	0.426	0	1
some HS	0.059	0.236	0	1
some college	0.519	0.500	0	1
some post BA	0.422	0.494	0	1
married	0.266	0.442	0	1
single	0.369	0.483	0	1
in a relationship	0.111	0.314	0	1
engaged	0.030	0.170	0	1
1 yr post	4.807	24.428	0	632
1 yr tags	7.945	17.732	0	315
ego friends	299.815	411.204	1	5150

NL: Netherlands

Variable	Mean	SD	Min	Max
age	26.123	7.906	16	64
male	0.476	0.499	0	1
some HS	0.147	0.354	0	1
some college	0.686	0.464	0	1
some post BA	0.167	0.373	0	1
married	0.106	0.307	0	1
single	0.272	0.445	0	1
in a relationship	0.378	0.485	0	1
engaged	0.018	0.132	0	1
1 yr post	15.050	32.223	0	830
1 yr tags	15.155	24.433	0	1175
ego friends	168.356	160.112	1	4616

PE: Peru

Variable	Mean	SD	Min	Max
age	26.781	6.997	16	62
male	0.572	0.495	0	1
some HS	0.095	0.293	0	1
some college	0.784	0.411	0	1
some post BA	0.121	0.326	0	1
married	0.126	0.332	0	1
single	0.407	0.491	0	1
in a relationship	0.186	0.389	0	1
engaged	0.055	0.229	0	1
1 yr post	21.971	58.759	0	1916
1 yr tags	19.477	35.215	0	560
ego friends	336.596	331.330	1	4659

NO: Norway

Variable	Mean	SD	Min	Max
age	29.403	9.328	16	64
male	0.483	0.500	0	1
some HS	0.264	0.441	0	1
some college	0.523	0.499	0	1
some post BA	0.213	0.409	0	1
married	0.199	0.399	0	1
single	0.268	0.443	0	1
in a relationship	0.288	0.453	0	1
engaged	0.070	0.256	0	1
1 yr post	10.426	30.285	0	846
1 yr tags	21.847	28.077	0	620
ego friends	359.555	233.120	9	4418

PH: Philippines

Variable	Mean	SD	Min	Max
age	25.005	5.886	16	64
male	0.443	0.497	0	1
some HS	0.051	0.220	0	1
some college	0.796	0.403	0	1
some post BA	0.153	0.360	0	1
married	0.151	0.358	0	1
single	0.390	0.488	0	1
in a relationship	0.234	0.423	0	1
engaged	0.045	0.208	0	1
1 yr post	39.400	94.051	0	3128
1 yr tags	21.682	38.478	0	686
ego friends	576.468	536.131	3	5117

NZ: New Zealand

Variable	Mean	SD	Min	Max
age	27.757	8.714	16	64
male	0.468	0.499	0	1
some HS	0.239	0.427	0	1
some college	0.605	0.489	0	1
some post BA	0.156	0.363	0	1
married	0.237	0.425	0	1
single	0.261	0.439	0	1
in a relationship	0.256	0.436	0	1
engaged	0.057	0.233	0	1
1 yr post	17.194	49.233	0	867
1 yr tags	16.977	29.840	0	617
ego friends	262.653	198.253	1	1952

PK: Pakistan

Variable	Mean	SD	Min	Max
age	26.189	5.541	16	64
male	0.802	0.399	0	1
some HS	0.036	0.187	0	1
some college	0.369	0.482	0	1
some post BA	0.595	0.491	0	1
married	0.218	0.413	0	1
single	0.463	0.499	0	1
in a relationship	0.040	0.195	0	1
engaged	0.054	0.226	0	1
1 yr post	27.831	92.297	0	2694
1 yr tags	28.888	62.300	0	921
ego friends	212.866	242.563	1	4152

PL: Poland

Variable	Mean	SD	Min	Max
age	24.558	4.893	16	64
male	0.512	0.500	0	1
some HS	0.171	0.376	0	1
some college	0.775	0.417	0	1
some post BA	0.054	0.226	0	1
married	0.134	0.340	0	1
single	0.260	0.439	0	1
in a relationship	0.263	0.440	0	1
engaged	0.067	0.250	0	1
1 yr post	5.704	17.705	0	313
1 yr tags	5.961	9.401	0	102
ego friends	209.560	181.849	4	4367

RU: Russian Federation

Variable	Mean	SD	Min	Max
age	28.912	6.135	17	63
male	0.573	0.495	0	1
some HS	0.057	0.233	0	1
some college	0.690	0.463	0	1
some post BA	0.253	0.435	0	1
married	0.282	0.450	0	1
single	0.188	0.391	0	1
in a relationship	0.108	0.310	0	1
engaged	0.018	0.132	0	1
1 yr post	6.843	23.145	0	351
1 yr tags	3.916	9.795	0	112
ego friends	154.548	242.532	3	3480

PT: Portugal

Variable	Mean	SD	Min	Max
age	28.582	8.032	16	64
male	0.555	0.497	0	1
some HS	0.216	0.411	0	1
some college	0.648	0.478	0	1
some post BA	0.136	0.343	0	1
married	0.198	0.398	0	1
single	0.223	0.416	0	1
in a relationship	0.253	0.435	0	1
engaged	0.029	0.168	0	1
1 yr post	12.324	36.641	0	940
1 yr tags	15.296	22.509	0	240
ego friends	349.414	369.836	2	4400

SA: Saudi Arabia

Variable	Mean	SD	Min	Max
age	29.063	6.641	16	58
male	0.772	0.419	0	1
some HS	0.054	0.227	0	1
some college	0.752	0.432	0	1
some post BA	0.194	0.395	0	1
married	0.370	0.483	0	1
single	0.323	0.467	0	1
in a relationship	0.053	0.224	0	1
engaged	0.065	0.246	0	1
1 yr post	12.289	32.282	0	403
1 yr tags	9.133	22.061	0	526
ego friends	264.053	315.391	2	5629

RO: Romania

Variable	Mean	SD	Min	Max
age	25.258	5.266	16	60
male	0.496	0.500	0	1
some HS	0.106	0.307	0	1
some college	0.659	0.474	0	1
some post BA	0.235	0.424	0	1
married	0.139	0.346	0	1
single	0.237	0.425	0	1
in a relationship	0.285	0.451	0	1
engaged	0.042	0.200	0	1
1 yr post	15.898	37.171	0	506
1 yr tags	16.321	26.216	0	476
ego friends	335.195	397.105	3	4684

SE: Sweden

Variable	Mean	SD	Min	Max
age	30.340	8.727	16	64
male	0.484	0.500	0	1
some HS	0.289	0.453	0	1
some college	0.611	0.487	0	1
some post BA	0.100	0.300	0	1
married	0.218	0.413	0	1
single	0.215	0.411	0	1
in a relationship	0.266	0.442	0	1
engaged	0.111	0.314	0	1
1 yr post	10.343	27.300	0	643
1 yr tags	14.512	20.614	0	294
ego friends	259.426	199.516	2	2878

TH: Thailand

Variable	Mean	SD	Min	Max
age	26.555	6.341	16	62
male	0.511	0.500	0	1
some HS	0.064	0.245	0	1
some college	0.605	0.489	0	1
some post BA	0.331	0.471	0	1
married	0.100	0.300	0	1
single	0.386	0.487	0	1
in a relationship	0.197	0.398	0	1
engaged	0.025	0.157	0	1
1 yr post	44.538	100.645	0	1350
1 yr tags	28.105	47.435	0	773
ego friends	425.603	449.593	1	4735

US: United States

Variable	Mean	SD	Min	Max
age	27.300	8.687	16	64
male	0.461	0.498	0	1
some HS	0.180	0.385	0	1
some college	0.671	0.470	0	1
some post BA	0.148	0.356	0	1
married	0.269	0.443	0	1
single	0.297	0.457	0	1
in a relationship	0.224	0.417	0	1
engaged	0.053	0.224	0	1
1 yr post	24.067	61.396	0	1137
1 yr tags	27.203	43.871	0	629
ego friends	408.660	350.750	1	4735

TR: Turkey

Variable	Mean	SD	Min	Max
age	26.759	6.777	16	64
male	0.591	0.492	0	1
some HS	0.144	0.351	0	1
some college	0.725	0.447	0	1
some post BA	0.132	0.338	0	1
married	0.268	0.443	0	1
single	0.250	0.433	0	1
in a relationship	0.135	0.342	0	1
engaged	0.045	0.207	0	1
1 yr post	8.270	27.554	0	877
1 yr tags	7.664	15.835	0	781
ego friends	275.320	255.426	1	5077

VE: Venezuela

Variable	Mean	SD	Min	Max
age	27.315	9.222	16	63
male	0.522	0.500	0	1
some HS	0.204	0.403	0	1
some college	0.718	0.450	0	1
some post BA	0.078	0.269	0	1
married	0.213	0.409	0	1
single	0.383	0.486	0	1
in a relationship	0.151	0.358	0	1
engaged	0.046	0.209	0	1
1 yr post	6.162	21.558	0	339
1 yr tags	3.448	9.104	0	181
ego friends	349.918	382.838	1	5130

TW: Taiwan

Variable	Mean	SD	Min	Max
age	24.746	5.336	16	62
male	0.671	0.470	0	1
some HS	0.099	0.298	0	1
some college	0.702	0.458	0	1
some post BA	0.200	0.400	0	1
married	0.082	0.275	0	1
single	0.332	0.471	0	1
in a relationship	0.224	0.417	0	1
engaged	0.012	0.110	0	1
1 yr post	39.334	117.028	0	9259
1 yr tags	20.368	28.610	0	596
ego friends	263.339	246.585	1	4318

VN: Vietnam

Variable	Mean	SD	Min	Max
age	24.303	4.470	16	58
male	0.540	0.498	0	1
some HS	0.062	0.241	0	1
some college	0.761	0.426	0	1
some post BA	0.177	0.381	0	1
married	0.168	0.374	0	1
single	0.384	0.486	0	1
in a relationship	0.184	0.388	0	1
engaged	0.034	0.182	0	1
1 yr post	42.754	91.372	0	1610
1 yr tags	23.767	43.246	0	549
ego friends	324.979	408.187	2	4224

ZA: South Africa

Variable	Mean	SD	Min	Max
age	28.648	7.727	16	64
male	0.528	0.499	0	1
some HS	0.203	0.402	0	1
some college	0.509	0.500	0	1
some post BA	0.288	0.453	0	1
married	0.261	0.439	0	1
single	0.253	0.435	0	1
in a relationship	0.244	0.430	0	1
engaged	0.063	0.242	0	1
1 yr post	12.018	38.024	0	1059
1 yr tags	12.263	22.318	0	303
ego friends	305.004	339.764	1	5338

Total for All Countries

Variable	Mean	SD	Min	Max
age	26.955	7.417	16	64
male	0.582	0.493	0	1
some HS	0.177	0.382	0	1
some college	0.622	0.485	0	1
some post BA	0.201	0.401	0	1
married	0.194	0.395	0	1
single	0.308	0.462	0	1
in a relationship	0.214	0.410	0	1
engaged	0.048	0.213	0	1
1 yr post	18.263	57.096	0	9259
1 yr tags	16.259	30.163	0	1940
ego friends	310.343	335.376	1	6110

1.3 Descriptive Statistics for Users' Friends in Each Country

The tables in this subsection present the friend-level summary statistics for each country.

Table 3: Descriptive Statistics for Users' Friends in Each Country

AE: United Arab Emirates					AU: Australia				
Variable	Mean	SD	Min	Max	Variable	Mean	SD	Min	Max
F age	30.004	6.427	16	64	F age	27.321	8.664	16	64
F male	0.665	0.472	0	1	F male	0.480	0.500	0	1
F married	0.392	0.488	0	1	F married	0.220	0.415	0	1
F single	0.288	0.453	0	1	F single	0.289	0.453	0	1
F in relationship	0.073	0.260	0	1	F in relationship	0.277	0.448	0	1
F engaged	0.0366664	0.1879445	0	1	F engaged	0.063	0.244	0	1
F some HS	0.078	0.268	0	1	F some HS	0.362	0.480	0	1
F some college	0.696	0.460	0	1	F some college	0.530	0.499	0	1
F some post BA	0.226	0.418	0	1	F some post BA	0.109	0.311	0	1
F/alter's friends	372.828	391.702	1	6000	F/alter's friends	323.567	278.514	1	6326

AR: Argentina					BE: Belgium				
Variable	Mean	SD	Min	Max	Variable	Mean	SD	Min	Max
F age	28.465	9.534	16	64	F age	30.248	8.319	16	64
F male	0.602	0.490	0	1	F male	0.528	0.499	0	1
F married	0.172	0.378	0	1	F married	0.210	0.407	0	1
F single	0.341	0.474	0	1	F single	0.180	0.385	0	1
F in relationship	0.211	0.408	0	1	F in relationship	0.371	0.483	0	1
F engaged	0.055	0.228	0	1	F engaged	0.044	0.205	0	1
F some HS	0.238	0.426	0	1	F some HS	0.233	0.423	0	1
F some college	0.677	0.468	0	1	F some college	0.551	0.497	0	1
F some post BA	0.084	0.278	0	1	F some post BA	0.215	0.411	0	1
F/alter's friends	599.355	762.640	1	6866	F/alter's friends	303.084	298.374	1	5567

AT: Austria					BG: Bulgaria				
Variable	Mean	SD	Min	Max	Variable	Mean	SD	Min	Max
F age	25.876	7.464	16	64	F age	28.638	7.122	16	64
F male	0.579	0.494	0	1	F male	0.525	0.499	0	1
F married	0.108	0.311	0	1	F married	0.197	0.397	0	1
F single	0.253	0.435	0	1	F single	0.216	0.412	0	1
F in relationship	0.356	0.479	0	1	F in relationship	0.266	0.442	0	1
F engaged	0.029	0.168	0	1	F engaged	0.034	0.181	0	1
F some HS	0.458	0.498	0	1	F some HS	0.124	0.330	0	1
F some college	0.492	0.500	0	1	F some college	0.743	0.437	0	1
F some post BA	0.050	0.217	0	1	F some post BA	0.133	0.340	0	1
F/alter's friends	296.619	265.864	1	5017	F/alter's friends	356.194	420.452	1	5492

BR: Brazil

Variable	Mean	SD	Min	Max
F age	29.502	8.362	16	64
F male	0.568	0.495	0	1
F married	0.237	0.425	0	1
F single	0.202	0.401	0	1
F in relationship	0.254	0.435	0	1
F engaged	0.044	0.206	0	1
F some HS	0.069	0.254	0	1
F some college	0.697	0.459	0	1
F some post BA	0.234	0.423	0	1
F/alter's friends	325.376	366.786	1	5537

CL: Chile

Variable	Mean	SD	Min	Max
F age	27.955	8.062	16	64
F male	0.570	0.495	0	1
F married	0.190	0.392	0	1
F single	0.353	0.478	0	1
F in relationship	0.212	0.409	0	1
F engaged	0.089	0.284	0	1
F some HS	0.173	0.378	0	1
F some college	0.745	0.436	0	1
F some post BA	0.082	0.274	0	1
F/alter's friends	414.474	468.200	1	5548

CA: Canada

Variable	Mean	SD	Min	Max
F age	27.070	8.405	16	64
F male	0.499	0.500	0	1
F married	0.173	0.378	0	1
F single	0.287	0.452	0	1
F in relationship	0.276	0.447	0	1
F engaged	0.052	0.222	0	1
F some HS	0.221	0.415	0	1
F some college	0.656	0.475	0	1
F some post BA	0.123	0.328	0	1
F/alter's friends	394.745	341.937	1	6391

CO: Colombia

Variable	Mean	SD	Min	Max
F age	27.599	8.142	16	64
F male	0.603	0.489	0	1
F married	0.195	0.396	0	1
F single	0.380	0.485	0	1
F in relationship	0.183	0.387	0	1
F engaged	0.057	0.232	0	1
F some HS	0.127	0.333	0	1
F some college	0.734	0.442	0	1
F some post BA	0.139	0.346	0	1
F/alter's friends	455.139	533.707	1	6292

CH: Switzerland

Variable	Mean	SD	Min	Max
F age	28.493	8.273	16	64
F male	0.632	0.482	0	1
F married	0.166	0.372	0	1
F single	0.207	0.405	0	1
F in relationship	0.281	0.449	0	1
F engaged	0.027	0.161	0	1
F some HS	0.340	0.474	0	1
F some college	0.536	0.499	0	1
F some post BA	0.124	0.330	0	1
F/alter's friends	313.032	285.420	1	5372

CR: Costa Rica

Variable	Mean	SD	Min	Max
F age	28.617	8.091	16	64
F male	0.599	0.490	0	1
F married	0.218	0.413	0	1
F single	0.346	0.476	0	1
F in relationship	0.210	0.408	0	1
F engaged	0.037	0.189	0	1
F some HS	0.173	0.378	0	1
F some college	0.707	0.455	0	1
F some post BA	0.120	0.325	0	1
F/alter's friends	393.215	429.569	1	5063

CZ: Czech Republic

Variable	Mean	SD	Min	Max
F age	26.491	5.506	16	64
F male	0.590	0.492	0	1
F married	0.135	0.341	0	1
F single	0.241	0.428	0	1
F in relationship	0.341	0.474	0	1
F engaged	0.044	0.205	0	1
F some HS	0.337	0.473	0	1
F some college	0.467	0.499	0	1
F some post BA	0.197	0.398	0	1
F/alter's friends	238.757	251.816	1	4713

DO: Dominican Republic

Variable	Mean	SD	Min	Max
F age	25.700	8.056	16	64
F male	0.576	0.494	0	1
F married	0.216	0.411	0	1
F single	0.356	0.479	0	1
F in relationship	0.179	0.384	0	1
F engaged	0.046	0.209	0	1
F some HS	0.154	0.361	0	1
F some college	0.715	0.451	0	1
F some post BA	0.131	0.337	0	1
F/alter's friends	588.454	605.963	1	5121

DE: Germany

Variable	Mean	SD	Min	Max
F age	26.352	7.266	16	64
F male	0.577	0.494	0	1
F married	0.120	0.325	0	1
F single	0.201	0.401	0	1
F in relationship	0.349	0.477	0	1
F engaged	0.031	0.174	0	1
F some HS	0.490	0.500	0	1
F some college	0.464	0.499	0	1
F some post BA	0.046	0.210	0	1
F/alter's friends	226.776	224.192	1	6050

EC: Ecuador

Variable	Mean	SD	Min	Max
F age	25.305	7.335	16	64
F male	0.576	0.494	0	1
F married	0.227	0.419	0	1
F single	0.395	0.489	0	1
F in relationship	0.158	0.365	0	1
F engaged	0.041	0.198	0	1
F some HS	0.154	0.361	0	1
F some college	0.752	0.432	0	1
F some post BA	0.094	0.292	0	1
F/alter's friends	460.471	542.098	1	5023

DK: Denmark

Variable	Mean	SD	Min	Max
F age	31.183	9.959	16	64
F male	0.454	0.498	0	1
F married	0.271	0.445	0	1
F single	0.224	0.417	0	1
F in relationship	0.302	0.459	0	1
F engaged	0.040	0.196	0	1
F some HS	0.243	0.429	0	1
F some college	0.637	0.481	0	1
F some post BA	0.119	0.324	0	1
F/alter's friends	258.355	195.094	1	6305

EG: Egypt

Variable	Mean	SD	Min	Max
F age	26.651	5.798	16	64
F male	0.689	0.463	0	1
F married	0.250	0.433	0	1
F single	0.421	0.494	0	1
F in relationship	0.036	0.186	0	1
F engaged	0.105	0.307	0	1
F some HS	0.035	0.184	0	1
F some college	0.820	0.384	0	1
F some post BA	0.145	0.353	0	1
F/alter's friends	334.950	395.628	1	6770

ES: Spain

Variable	Mean	SD	Min	Max
F age	30.857	8.499	16	64
F male	0.631	0.483	0	1
F married	0.174	0.379	0	1
F single	0.233	0.422	0	1
F in relationship	0.216	0.411	0	1
F engaged	0.040	0.195	0	1
F some HS	0.213	0.410	0	1
F some college	0.628	0.483	0	1
F some post BA	0.158	0.365	0	1
F/alter's friends	360.054	523.884	1	5905

GB: United Kingdom

Variable	Mean	SD	Min	Max
F age	25.742	7.731	16	64
F male	0.479	0.500	0	1
F married	0.147	0.355	0	1
F single	0.308	0.462	0	1
F in relationship	0.335	0.472	0	1
F engaged	0.077	0.267	0	1
F some HS	0.258	0.437	0	1
F some college	0.622	0.485	0	1
F some post BA	0.120	0.325	0	1
F/alter's friends	421.450	347.507	1	6382

FL: Finland

Variable	Mean	SD	Min	Max
F age	31.253	8.592	16	64
F male	0.462	0.499	0	1
F married	0.299	0.458	0	1
F single	0.145	0.352	0	1
F in relationship	0.212	0.409	0	1
F engaged	0.100	0.300	0	1
F some HS	0.201	0.401	0	1
F some college	0.676	0.468	0	1
F some post BA	0.122	0.328	0	1
F/alter's friends	248.952	203.718	1	5470

GR: Greece

Variable	Mean	SD	Min	Max
F age	30.154	8.872	16	64
F male	0.636	0.481	0	1
F married	0.200	0.400	0	1
F single	0.217	0.412	0	1
F in relationship	0.155	0.362	0	1
F engaged	0.025	0.157	0	1
F some HS	0.162	0.369	0	1
F some college	0.676	0.468	0	1
F some post BA	0.162	0.368	0	1
F/alter's friends	666.734	795.442	1	6629

FR: France

Variable	Mean	SD	Min	Max
F age	27.350	6.867	16	64
F male	0.555	0.497	0	1
F married	0.128	0.334	0	1
F single	0.199	0.399	0	1
F in relationship	0.301	0.459	0	1
F engaged	0.050	0.218	0	1
F some HS	0.188	0.391	0	1
F some college	0.623	0.485	0	1
F some post BA	0.189	0.392	0	1
F/alter's friends	271.225	345.096	1	6671

HU: Hungary

Variable	Mean	SD	Min	Max
F age	28.344	8.434	16	64
F male	0.512	0.500	0	1
F married	0.156	0.363	0	1
F single	0.195	0.396	0	1
F in relationship	0.332	0.471	0	1
F engaged	0.062	0.241	0	1
F some HS	0.338	0.473	0	1
F some college	0.415	0.493	0	1
F some post BA	0.247	0.431	0	1
F/alter's friends	348.826	307.755	1	5016

ID: Indonesia

Variable	Mean	SD	Min	Max
F age	24.823	6.219	16	64
F male	0.565	0.496	0	1
F married	0.268	0.443	0	1
F single	0.293	0.455	0	1
F in relationship	0.167	0.373	0	1
F engaged	0.080	0.271	0	1
F some HS	0.189	0.392	0	1
F some college	0.669	0.471	0	1
F some post BA	0.142	0.349	0	1
F/alter's friends	927.881	893.298	1	7272

IN: India

Variable	Mean	SD	Min	Max
F age	27.510	5.824	16	64
F male	0.796	0.403	0	1
F married	0.281	0.449	0	1
F single	0.416	0.493	0	1
F in relationship	0.041	0.198	0	1
F engaged	0.023	0.151	0	1
F some HS	0.035	0.184	0	1
F some college	0.531	0.499	0	1
F some post BA	0.434	0.496	0	1
F/alter's friends	252.794	279.524	1	6365

IE: Ireland

Variable	Mean	SD	Min	Max
F age	25.267	6.523	16	64
F male	0.486	0.500	0	1
F married	0.108	0.310	0	1
F single	0.314	0.464	0	1
F in relationship	0.319	0.466	0	1
F engaged	0.044	0.205	0	1
F some HS	0.173	0.378	0	1
F some college	0.721	0.448	0	1
F some post BA	0.106	0.308	0	1
F/alter's friends	374.933	305.374	1	5335

IS: Iceland

Variable	Mean	SD	Min	Max
F age	30.823	10.042	16	64
F male	0.467	0.499	0	1
F married	0.247	0.431	0	1
F single	0.255	0.436	0	1
F in relationship	0.285	0.452	0	1
F engaged	0.083	0.276	0	1
F some HS	0.183	0.387	0	1
F some college	0.578	0.494	0	1
F some post BA	0.239	0.427	0	1
F/alter's friends	387.138	271.763	1	5067

IL: Israel

Variable	Mean	SD	Min	Max
F age	29.957	8.290	16	64
F male	0.618	0.486	0	1
F married	0.318	0.466	0	1
F single	0.264	0.441	0	1
F in relationship	0.143	0.350	0	1
F engaged	0.030	0.171	0	1
F some HS	0.216	0.412	0	1
F some college	0.611	0.488	0	1
F some post BA	0.173	0.378	0	1
F/alter's friends	446.019	479.023	1	5470

IT: Italy

Variable	Mean	SD	Min	Max
F age	31.031	8.709	16	64
F male	0.648	0.478	0	1
F married	0.204	0.403	0	1
F single	0.192	0.394	0	1
F in relationship	0.150	0.357	0	1
F engaged	0.153	0.360	0	1
F some HS	0.331	0.470	0	1
F some college	0.480	0.500	0	1
F some post BA	0.189	0.392	0	1
F/alter's friends	513.664	597.733	1	8798

JO: Jordan

Variable	Mean	SD	Min	Max
F age	27.087	5.951	16	64
F male	0.655	0.475	0	1
F married	0.234	0.423	0	1
F single	0.422	0.494	0	1
F in relationship	0.055	0.228	0	1
F engaged	0.065	0.247	0	1
F some HS	0.043	0.203	0	1
F some college	0.757	0.429	0	1
F some post BA	0.200	0.400	0	1
F/alter's friends	334.258	430.445	1	5973

MX: Mexico

Variable	Mean	SD	Min	Max
F age	25.523	7.706	16	64
F male	0.585	0.493	0	1
F married	0.184	0.387	0	1
F single	0.376	0.484	0	1
F in relationship	0.217	0.412	0	1
F engaged	0.053	0.223	0	1
F some HS	0.112	0.315	0	1
F some college	0.754	0.431	0	1
F some post BA	0.135	0.341	0	1
F/alter's friends	491.066	572.026	1	5836

JP: Japan

Variable	Mean	SD	Min	Max
F age	35.499	8.439	16	64
F male	0.756	0.430	0	1
F married	0.350	0.477	0	1
F single	0.153	0.360	0	1
F in relationship	0.039	0.193	0	1
F engaged	0.007	0.083	0	1
F some HS	0.054	0.227	0	1
F some college	0.731	0.444	0	1
F some post BA	0.215	0.411	0	1
F/alter's friends	232.274	384.044	1	5395

MY: Malaysia

Variable	Mean	SD	Min	Max
F age	26.483	6.586	16	64
F male	0.517	0.500	0	1
F married	0.329	0.470	0	1
F single	0.289	0.453	0	1
F in relationship	0.157	0.364	0	1
F engaged	0.052	0.221	0	1
F some HS	0.161	0.367	0	1
F some college	0.624	0.484	0	1
F some post BA	0.215	0.411	0	1
F/alter's friends	600.033	624.250	1	6848

KR: South Korea

Variable	Mean	SD	Min	Max
F age	33.356	9.445	16	64
F male	0.771	0.420	0	1
F married	0.277	0.447	0	1
F single	0.211	0.408	0	1
F in relationship	0.106	0.308	0	1
F engaged	0.006	0.079	0	1
F some HS	0.031	0.175	0	1
F some college	0.642	0.479	0	1
F some post BA	0.327	0.469	0	1
F/alter's friends	282.739	500.153	1	5615

NG: Nigeria

Variable	Mean	SD	Min	Max
F age	29.176	7.736	16	64
F male	0.749	0.433	0	1
F married	0.237	0.425	0	1
F single	0.380	0.485	0	1
F in relationship	0.132	0.338	0	1
F engaged	0.039	0.194	0	1
F some HS	0.055	0.228	0	1
F some college	0.491	0.500	0	1
F some post BA	0.454	0.498	0	1
F/alter's friends	502.414	681.483	1	5473

NL: Netherlands

Variable	Mean	SD	Min	Max
F age	26.743	8.279	16	64
F male	0.498	0.500	0	1
F married	0.113	0.316	0	1
F single	0.254	0.435	0	1
F in relationship	0.388	0.487	0	1
F engaged	0.018	0.132	0	1
F some HS	0.140	0.347	0	1
F some college	0.715	0.451	0	1
F some post BA	0.145	0.352	0	1
F/alter's friends	184.938	179.323	1	5634

PE: Peru

Variable	Mean	SD	Min	Max
F age	27.625	7.505	16	64
F male	0.566	0.496	0	1
F married	0.140	0.347	0	1
F single	0.404	0.491	0	1
F in relationship	0.189	0.391	0	1
F engaged	0.057	0.233	0	1
F some HS	0.094	0.291	0	1
F some college	0.780	0.414	0	1
F some post BA	0.126	0.332	0	1
F/alter's friends	374.473	400.018	1	5324

NO: Norway

Variable	Mean	SD	Min	Max
F age	31.399	9.944	16	64
F male	0.497	0.500	0	1
F married	0.235	0.424	0	1
F single	0.239	0.427	0	1
F in relationship	0.283	0.450	0	1
F engaged	0.072	0.259	0	1
F some HS	0.278	0.448	0	1
F some college	0.528	0.499	0	1
F some post BA	0.194	0.396	0	1
F/alter's friends	331.729	227.726	1	5354

PH: Philippines

Variable	Mean	SD	Min	Max
F age	25.900	6.416	16	64
F male	0.443	0.497	0	1
F married	0.189	0.391	0	1
F single	0.360	0.480	0	1
F in relationship	0.232	0.422	0	1
F engaged	0.049	0.215	0	1
F some HS	0.046	0.210	0	1
F some college	0.798	0.401	0	1
F some post BA	0.155	0.362	0	1
F/alter's friends	627.521	572.812	1	5977

NZ: New Zealand

Variable	Mean	SD	Min	Max
F age	27.967	9.048	16	64
F male	0.469	0.499	0	1
F married	0.235	0.424	0	1
F single	0.263	0.440	0	1
F in relationship	0.261	0.439	0	1
F engaged	0.057	0.232	0	1
F some HS	0.276	0.447	0	1
F some college	0.590	0.492	0	1
F some post BA	0.135	0.341	0	1
F/alter's friends	282.315	246.550	1	5020

PK: Pakistan

Variable	Mean	SD	Min	Max
F age	27.429	6.347	16	64
F male	0.824	0.381	0	1
F married	0.259	0.438	0	1
F single	0.414	0.493	0	1
F in relationship	0.036	0.186	0	1
F engaged	0.055	0.227	0	1
F some HS	0.034	0.181	0	1
F some college	0.392	0.488	0	1
F some post BA	0.574	0.494	0	1
F/alter's friends	223.586	309.837	1	5513

PL: Poland

Variable	Mean	SD	Min	Max
F age	25.247	5.347	16	64
F male	0.526	0.499	0	1
F married	0.152	0.359	0	1
F single	0.237	0.425	0	1
F in relationship	0.270	0.444	0	1
F engaged	0.072	0.259	0	1
F some HS	0.155	0.362	0	1
F some college	0.794	0.405	0	1
F some post BA	0.051	0.221	0	1
F/alter's friends	244.253	229.819	1	5517

RU: Russian Federation

Variable	Mean	SD	Min	Max
F age	30.286	6.592	16	64
F male	0.570	0.495	0	1
F married	0.292	0.455	0	1
F single	0.141	0.348	0	1
F in relationship	0.093	0.291	0	1
F engaged	0.016	0.126	0	1
F some HS	0.052	0.222	0	1
F some college	0.671	0.470	0	1
F some post BA	0.277	0.448	0	1
F/alter's friends	213.766	377.910	1	5128

PT: Portugal

Variable	Mean	SD	Min	Max
F age	30.513	8.578	16	64
F male	0.550	0.498	0	1
F married	0.239	0.426	0	1
F single	0.206	0.404	0	1
F in relationship	0.248	0.432	0	1
F engaged	0.030	0.170	0	1
F some HS	0.250	0.433	0	1
F some college	0.618	0.486	0	1
F some post BA	0.132	0.339	0	1
F/alter's friends	389.258	432.269	1	5731

SA: Saudi Arabia

Variable	Mean	SD	Min	Max
F age	29.920	6.717	16	64
F male	0.751	0.433	0	1
F married	0.419	0.493	0	1
F single	0.290	0.454	0	1
F in relationship	0.042	0.201	0	1
F engaged	0.060	0.237	0	1
F some HS	0.056	0.229	0	1
F some college	0.739	0.439	0	1
F some post BA	0.206	0.404	0	1
F/alter's friends	317.195	422.661	1	6100

RO: Romania

Variable	Mean	SD	Min	Max
F age	26.332	6.246	16	64
F male	0.515	0.500	0	1
F married	0.180	0.384	0	1
F single	0.237	0.425	0	1
F in relationship	0.263	0.440	0	1
F engaged	0.047	0.212	0	1
F some HS	0.111	0.314	0	1
F some college	0.651	0.477	0	1
F some post BA	0.238	0.426	0	1
F/alter's friends	411.517	509.281	1	5250

SE: Sweden

Variable	Mean	SD	Min	Max
F age	31.253	9.096	16	64
F male	0.508	0.500	0	1
F married	0.230	0.421	0	1
F single	0.203	0.402	0	1
F in relationship	0.266	0.442	0	1
F engaged	0.119	0.323	0	1
F some HS	0.314	0.464	0	1
F some college	0.597	0.490	0	1
F some post BA	0.089	0.285	0	1
F/alter's friends	257.439	209.407	1	6282

TH: Thailand

Variable	Mean	SD	Min	Max
F age	26.949	6.096	16	64
F male	0.496	0.500	0	1
F married	0.118	0.323	0	1
F single	0.379	0.485	0	1
F in relationship	0.190	0.392	0	1
F engaged	0.030	0.170	0	1
F some HS	0.054	0.226	0	1
F some college	0.595	0.491	0	1
F some post BA	0.351	0.477	0	1
F/alter's friends	479.395	532.407	1	5524

US: United States

Variable	Mean	SD	Min	Max
F age	27.917	8.578	16	64
F male	0.472	0.499	0	1
F married	0.274	0.446	0	1
F single	0.279	0.449	0	1
F in relationship	0.220	0.414	0	1
F engaged	0.054	0.226	0	1
F some HS	0.137	0.344	0	1
F some college	0.692	0.462	0	1
F some post BA	0.171	0.377	0	1
F/alter's friends	563.856	506.816	1	6499

TR: Turkey

Variable	Mean	SD	Min	Max
F age	28.385	7.708	16	64
F male	0.642	0.479	0	1
F married	0.305	0.460	0	1
F single	0.244	0.429	0	1
F in relationship	0.135	0.342	0	1
F engaged	0.038	0.191	0	1
F some HS	0.150	0.357	0	1
F some college	0.710	0.454	0	1
F some post BA	0.140	0.347	0	1
F/alter's friends	319.895	348.627	1	8186

VE: Venezuela

Variable	Mean	SD	Min	Max
F age	28.785	9.419	16	64
F male	0.558	0.497	0	1
F married	0.232	0.422	0	1
F single	0.384	0.486	0	1
F in relationship	0.153	0.360	0	1
F engaged	0.047	0.213	0	1
F some HS	0.147	0.354	0	1
F some college	0.756	0.430	0	1
F some post BA	0.097	0.296	0	1
F/alter's friends	502.725	580.613	1	5979

TW: Taiwan

Variable	Mean	SD	Min	Max
F age	25.585	6.326	16	64
F male	0.597	0.491	0	1
F married	0.118	0.323	0	1
F single	0.317	0.465	0	1
F in relationship	0.210	0.407	0	1
F engaged	0.013	0.111	0	1
F some HS	0.122	0.328	0	1
F some college	0.705	0.456	0	1
F some post BA	0.173	0.378	0	1
F/alter's friends	289.131	293.448	1	5197

VN: Vietnam

Variable	Mean	SD	Min	Max
F age	24.830	4.526	16	64
F male	0.533	0.499	0	1
F married	0.208	0.406	0	1
F single	0.360	0.480	0	1
F in relationship	0.159	0.366	0	1
F engaged	0.034	0.182	0	1
F some HS	0.064	0.245	0	1
F some college	0.760	0.427	0	1
F some post BA	0.176	0.381	0	1
F/alter's friends	382.157	503.391	1	4804

ZA: South Africa

Variable	Mean	SD	Min	Max
F age	29.011	7.880	16	64
F male	0.526	0.499	0	1
F married	0.267	0.443	0	1
F single	0.249	0.433	0	1
F in relationship	0.246	0.431	0	1
F engaged	0.067	0.250	0	1
F some HS	0.228	0.420	0	1
F some college	0.515	0.500	0	1
F some post BA	0.257	0.437	0	1
F/alter's friends	382.211	471.092	1	6213

Total for All Countries

Variable	Mean	SD	Min	Max
F age	27.564	7.873	16	64
F male	0.563	0.496	0	1
F married	0.224	0.417	0	1
F single	0.288	0.453	0	1
F in relationship	0.216	0.412	0	1
F engaged	0.052	0.221	0	1
F some HS	0.176	0.381	0	1
F some college	0.636	0.481	0	1
F some post BA	0.188	0.390	0	1
F/alter's friends	422.513	499.397	1	8798

1.4 Descriptive Statistics for Friendship Dyads in Each Country

The tables in this subsection present the dyad-level (user-friend-level) summary statistics for each country. In other words, this data is about pairs of users rather than individual users. We will refer to the user as person i and their friends as j .

Table 4: Variable Descriptions for User-Friend-Dyads

job transmission	0 1 dummy for if there was a job transmission
any dyad tag	0 1 dummy for if there was a tag
dyad tagging	continuous measure of tagging
percent tag	tagging from i to j divided by total tags i made last year
any dyad post	0 1 dummy for if there was a post
total posts year	continuous measure of posting
percent post	posting from i to j divided by total posts i made last year
mutual friends	0 1 dummy for any mutual friends
n mutual friends	continuous measure of mutual friends
network overlap	0 1 percentage of friends shared
F years older	friend age - user age
both male	0 1 dummy, 1 if both male
both female	0 1 dummy, 1 if both female
F more educated	0 1 dummy, 1 if friend more educated
F less educated	0 1 dummy, 1 if friend less educated
same RS	0 1, 1 if same relationship status
same city	0 1, 1 if same city
same region	0 1, 1 if same region (in US this is a state)
F tenure	years that friend was at current job when user i started most recent job
same HS	0 1, 1 if went to same high school (not necessarily at same time)
same college	0 1, 1 if went to same college (not necessarily at same time)
same grad	0 1, 1 if went to same grad (not necessarily at same time)

Table 5: Descriptive Statistics for User-Friend-Dyad in Each Country

AE: United Arab Emirates					AT: Austria				
Variable	Mean	SD	Min	Max	Variable	Mean	SD	Min	Max
job transmission	0.104	0.305	0	1	job transmission	0.046	0.211	0	1
any dyad tag	0.110	0.312	0	1	any dyad tag	0.053	0.225	0	1
dyad tagging	0.666	4.927	0	284	dyad tagging	0.187	1.686	0	113
percent tag	0.029	0.131	0	1	percent tag	0.015	0.093	0	1
any dyad post	0.201	0.401	0	1	any dyad post	0.237	0.425	0	1
total posts year	0.421	5.521	0	697	total posts year	0.293	0.984	0	73
percent post	0.038	0.135	0	1	percent post	0.023	0.081	0	1
mutual friends	0.977	0.150	0	1	mutual friends	0.986	0.117	0	1
n mutual friend	33.649	43.672	0	1154	n mutual friend	39.060	43.168	0	857
network overlap	0.045	0.046	0	0.715	network overlap	0.056	0.051	0	0.568
F years older	0.694	6.244	-39	41	F years older	1.066	6.395	-45	46
both male	0.498	0.500	0	1	both male	0.435	0.496	0	1
both female	0.183	0.386	0	1	both female	0.150	0.357	0	1
F more educated	0.194	0.396	0	1	F more educated	0.218	0.413	0	1
F less educated	0.218	0.413	0	1	F less educated	0.252	0.434	0	1
same RS	0.362	0.481	0	1	same RS	0.312	0.463	0	1
same city	0.954	0.209	0	1	same city	0.334	0.472	0	1
same region	0.954	0.209	0	1	same region	0.514	0.500	0	1
F tenure	2.961	3.655	-1.942	47.033	F tenure	2.771	4.379	-1.978	47.866
same HS	0.102	0.302	0	1	same HS	0.122	0.327	0	1
same college	0.137	0.344	0	1	same college	0.037	0.188	0	1
same grad	0.012	0.109	0	1	same grad	0.001	0.030	0	1

AR: Argentina					AU: Australia				
Variable	Mean	SD	Min	Max	Variable	Mean	SD	Min	Max
job transmission	0.076	0.265	0	1	job transmission	0.039	0.194	0	1
any dyad tag	0.083	0.276	0	1	any dyad tag	0.069	0.253	0	1
dyad tagging	0.460	5.398	0	442	dyad tagging	0.415	4.382	0	591
percent tag	0.027	0.131	0	1	percent tag	0.014	0.087	0	1
any dyad post	0.172	0.377	0	1	any dyad post	0.169	0.375	0	1
total posts year	0.328	2.140	0	249	total posts year	0.335	2.051	0	333
percent post	0.036	0.128	0	1	percent post	0.018	0.077	0	1
mutual friends	0.967	0.180	0	1	mutual friends	0.978	0.147	0	1
n mutual friend	54.640	103.587	0	1729	n mutual friend	38.268	46.472	0	1232
network overlap	0.039	0.045	0	0.889	network overlap	0.051	0.055	0	1
F years older	0.995	8.521	-44	47	F years older	0.909	6.876	-46	47
both male	0.378	0.485	0	1	both male	0.295	0.456	0	1
both female	0.139	0.346	0	1	both female	0.278	0.448	0	1
F more educated	0.192	0.394	0	1	F more educated	0.218	0.413	0	1
F less educated	0.210	0.407	0	1	F less educated	0.269	0.443	0	1
same RS	0.274	0.446	0	1	same RS	0.304	0.460	0	1
same city	0.381	0.486	0	1	same city	0.314	0.464	0	1
same region	0.517	0.500	0	1	same region	0.634	0.482	0	1
F tenure	4.614	6.480	-1.970	49.951	F tenure	2.878	4.603	-2	49.951
same HS	0.058	0.234	0	1	same HS	0.242	0.428	0	1
same college	0.072	0.259	0	1	same college	0.100	0.300	0	1
same grad	0.001	0.035	0	1	same grad	0.006	0.074	0	1

BE: Belgium

Variable	Mean	SD	Min	Max
job transmission	0.043	0.204	0	1
any dyad tag	0.041	0.199	0	1
dyad tagging	0.204	3.035	0	367
percent tag	0.011	0.080	0	1
any dyad post	0.195	0.396	0	1
total posts year	0.234	0.785	0	118
percent post	0.018	0.072	0	1
mutual friends	0.980	0.139	0	1
n mutual friend	29.287	38.671	0	1320
network overlap	0.038	0.037	0	0.627
F years older	1.030	7.125	-47	46
both male	0.348	0.476	0	1
both female	0.226	0.418	0	1
F more educated	0.226	0.418	0	1
F less educated	0.294	0.455	0	1
same RS	0.302	0.459	0	1
same city	0.187	0.390	0	1
same region	0.387	0.487	0	1
F tenure	3.613	5.465	-1.997	49.532
same HS	0.086	0.280	0	1
same college	0.083	0.275	0	1
same grad	0.020	0.140	0	1

BR: Brazil

Variable	Mean	SD	Min	Max
job transmission	0.041	0.199	0	1
any dyad tag	0.093	0.291	0	1
dyad tagging	0.359	3.002	0	586
percent tag	0.014	0.079	0	1
any dyad post	0.199	0.399	0	1
total posts year	0.298	1.227	0	221
percent post	0.017	0.073	0	1
mutual friends	0.965	0.184	0	1
n mutual friend	31.895	41.076	0	1411
network overlap	0.044	0.045	0	0.706
F years older	1.170	7.553	-43	47
both male	0.369	0.483	0	1
both female	0.173	0.379	0	1
F more educated	0.192	0.394	0	1
F less educated	0.214	0.410	0	1
same RS	0.282	0.450	0	1
same city	0.511	0.500	0	1
same region	0.720	0.449	0	1
F tenure	3.171	4.768	-1.973	49.871
same HS	0.061	0.239	0	1
same college	0.145	0.352	0	1
same grad	0.008	0.086	0	1

BG: Bulgaria

Variable	Mean	SD	Min	Max
job transmission	0.063	0.242	0	1
any dyad tag	0.063	0.243	0	1
dyad tagging	0.330	4.812	0	394
percent tag	0.016	0.101	0	1
any dyad post	0.178	0.382	0	1
total posts year	0.226	0.787	0	38
percent post	0.026	0.097	0	1
mutual friends	0.983	0.130	0	1
n mutual friend	30.836	34.540	0	504
network overlap	0.045	0.044	0	0.707
F years older	1.204	6.682	-42	45
both male	0.302	0.459	0	1
both female	0.227	0.419	0	1
F more educated	0.185	0.388	0	1
F less educated	0.205	0.403	0	1
same RS	0.281	0.449	0	1
same city	0.646	0.478	0	1
same region	0.653	0.476	0	1
F tenure	3.221	4.508	-1.942	49.871
same HS	0.066	0.248	0	1
same college	0.108	0.310	0	1
same grad	0.005	0.069	0	1

CA: Canada

Variable	Mean	SD	Min	Max
job transmission	0.034	0.181	0	1
any dyad tag	0.046	0.209	0	1
dyad tagging	0.243	3.177	0	529
percent tag	0.011	0.077	0	1
any dyad post	0.166	0.372	0	1
total posts year	0.300	1.701	0	193
percent post	0.016	0.069	0	1
mutual friends	0.982	0.135	0	1
n mutual friend	42.435	50.916	0	1366
network overlap	0.050	0.053	0	1
F years older	0.930	6.732	-46	48
both male	0.281	0.450	0	1
both female	0.275	0.447	0	1
F more educated	0.199	0.399	0	1
F less educated	0.218	0.413	0	1
same RS	0.308	0.462	0	1
same city	0.260	0.439	0	1
same region	0.761	0.426	0	1
F tenure	2.719	4.591	-2	49.784
same HS	0.271	0.445	0	1
same college	0.159	0.366	0	1
same grad	0.007	0.085	0	1

CH: Switzerland

Variable	Mean	SD	Min	Max
job transmission	0.054	0.226	0	1
any dyad tag	0.034	0.181	0	1
dyad tagging	0.135	1.825	0	186
percent tag	0.014	0.096	0	1
any dyad post	0.117	0.322	0	1
total posts year	0.147	0.627	0	54
percent post	0.022	0.098	0	1
mutual friends	0.981	0.136	0	1
n mutual friend	30.425	45.467	0	1168
network overlap	0.040	0.041	0	0.759
F years older	1.008	6.838	-43	46
both male	0.509	0.500	0	1
both female	0.111	0.314	0	1
F more educated	0.225	0.418	0	1
F less educated	0.265	0.441	0	1
same RS	0.303	0.459	0	1
same city	0.205	0.404	0	1
same region	0.398	0.489	0	1
F tenure	3.180	4.660	-2	49.756
same HS	0.070	0.255	0	1
same college	0.068	0.253	0	1
same grad	0.007	0.084	0	1

CO: Colombia

Variable	Mean	SD	Min	Max
job transmission	0.071	0.256	0	1
any dyad tag	0.067	0.249	0	1
dyad tagging	0.308	3.461	0	413
percent tag	0.021	0.114	0	1
any dyad post	0.136	0.342	0	1
total posts year	0.236	1.511	0	301
percent post	0.026	0.112	0	1
mutual friends	0.969	0.173	0	1
n mutual friend	38.361	56.822	0	1647
network overlap	0.037	0.039	0	0.605
F years older	1.070	7.773	-47	46
both male	0.362	0.481	0	1
both female	0.134	0.341	0	1
F more educated	0.191	0.393	0	1
F less educated	0.200	0.400	0	1
same RS	0.282	0.450	0	1
same city	0.672	0.469	0	1
same region	0.677	0.467	0	1
F tenure	3.393	5.155	-1.989	49.951
same HS	0.084	0.278	0	1
same college	0.133	0.340	0	1
same grad	0.004	0.064	0	1

CL: Chile

Variable	Mean	SD	Min	Max
job transmission	0.050	0.218	0	1
any dyad tag	0.072	0.259	0	1
dyad tagging	0.397	4.607	0	708
percent tag	0.018	0.100	0	1
any dyad post	0.196	0.397	0	1
total posts year	0.480	3.149	0	406
percent post	0.024	0.096	0	1
mutual friends	0.970	0.170	0	1
n mutual friend	31.634	47.424	0	1430
network overlap	0.034	0.034	0	0.608
F years older	0.822	7.015	-44	47
both male	0.385	0.487	0	1
both female	0.160	0.367	0	1
F more educated	0.152	0.359	0	1
F less educated	0.175	0.380	0	1
same RS	0.280	0.449	0	1
same city	0.603	0.489	0	1
same region	0.650	0.477	0	1
F tenure	2.789	4.882	-1.995	49.951
same HS	0.107	0.309	0	1
same college	0.175	0.380	0	1
same grad	0.003	0.054	0	1

CR: Costa Rica

Variable	Mean	SD	Min	Max
job transmission	0.049	0.216	0	1
any dyad tag	0.084	0.278	0	1
dyad tagging	0.406	3.581	0	278
percent tag	0.018	0.097	0	1
any dyad post	0.211	0.408	0	1
total posts year	0.291	1.009	0	78
percent post	0.022	0.080	0	1
mutual friends	0.981	0.138	0	1
n mutual friend	35.819	42.372	0	870
network overlap	0.043	0.041	0	0.624
F years older	1.136	7.341	-42	45
both male	0.366	0.482	0	1
both female	0.147	0.354	0	1
F more educated	0.174	0.379	0	1
F less educated	0.205	0.404	0	1
same RS	0.281	0.450	0	1
same city	0.398	0.490	0	1
same region	0.571	0.495	0	1
F tenure	3.404	4.879	-1.964	49.036
same HS	0.131	0.337	0	1
same college	0.124	0.329	0	1
same grad	0.002	0.050	0	1

CZ: Czech Republic

Variable	Mean	SD	Min	Max
job transmission	0.091	0.288	0	1
any dyad tag	0.075	0.264	0	1
dyad tagging	0.374	3.283	0	191
percent tag	0.028	0.136	0	1
any dyad post	0.163	0.369	0	1
total posts year	0.208	0.716	0	48
percent post	0.040	0.134	0	1
mutual friends	0.972	0.165	0	1
n mutual friend	21.595	24.497	0	395
network overlap	0.045	0.042	0	0.633
F years older	0.650	5.234	-38	38
both male	0.390	0.488	0	1
both female	0.186	0.389	0	1
F more educated	0.222	0.416	0	1
F less educated	0.298	0.457	0	1
same RS	0.298	0.457	0	1
same city	0.431	0.495	0	1
same region	0.541	0.498	0	1
F tenure	2.541	3.695	-1.959	47.367
same HS	0.095	0.293	0	1
same college	0.088	0.283	0	1
same grad	0.016	0.127	0	1

DK: Denmark

Variable	Mean	SD	Min	Max
job transmission	0.029	0.168	0	1
any dyad tag	0.035	0.184	0	1
dyad tagging	0.159	2.068	0	369
percent tag	0.007	0.059	0	1
any dyad post	0.187	0.390	0	1
total posts year	0.236	0.858	0	153
percent post	0.011	0.048	0	1
mutual friends	0.984	0.126	0	1
n mutual friend	30.740	35.784	0	1323
network overlap	0.046	0.044	0	0.877
F years older	0.963	7.160	-46	48
both male	0.267	0.442	0	1
both female	0.311	0.463	0	1
F more educated	0.228	0.419	0	1
F less educated	0.248	0.432	0	1
same RS	0.326	0.469	0	1
same city	0.174	0.379	0	1
same region	0.403	0.491	0	1
F tenure	2.751	4.607	-2	49.951
same HS	0.144	0.351	0	1
same college	0.054	0.226	0	1
same grad	0.010	0.101	0	1

DE: Germany

Variable	Mean	SD	Min	Max
job transmission	0.058	0.235	0	1
any dyad tag	0.071	0.257	0	1
dyad tagging	0.258	2.219	0	348
percent tag	0.020	0.107	0	1
any dyad post	0.285	0.451	0	1
total posts year	0.384	1.582	0	545
percent post	0.029	0.091	0	1
mutual friends	0.972	0.164	0	1
n mutual friend	29.111	38.893	0	1149
network overlap	0.057	0.056	0	0.875
F years older	1.063	6.405	-45	48
both male	0.388	0.487	0	1
both female	0.192	0.394	0	1
F more educated	0.216	0.411	0	1
F less educated	0.218	0.413	0	1
same RS	0.310	0.462	0	1
same city	0.165	0.371	0	1
same region	0.550	0.498	0	1
F tenure	3.097	4.405	-1.970	49.866
same HS	0.177	0.382	0	1
same college	0.038	0.190	0	1
same grad	0.002	0.041	0	1

DO: Dominican Republic

Variable	Mean	SD	Min	Max
job transmission	0.050	0.217	0	1
any dyad tag	0.081	0.272	0	1
dyad tagging	0.389	3.414	0	230
percent tag	0.020	0.106	0	1
any dyad post	0.145	0.352	0	1
total posts year	0.228	1.525	0	166
percent post	0.021	0.099	0	1
mutual friends	0.974	0.158	0	1
n mutual friend	51.467	62.580	0	862
network overlap	0.039	0.039	0	0.515
F years older	1.391	6.931	-41	47
both male	0.258	0.438	0	1
both female	0.170	0.375	0	1
F more educated	0.213	0.410	0	1
F less educated	0.204	0.403	0	1
same RS	0.267	0.442	0	1
same city	0.832	0.374	0	1
same region	0.833	0.373	0	1
F tenure	4.343	6.053	-1.942	49.953
same HS	0.115	0.319	0	1
same college	0.130	0.336	0	1
same grad	0.004	0.061	0	1

EC: Ecuador

Variable	Mean	SD	Min	Max
job transmission	0.049	0.215	0	1
any dyad tag	0.093	0.291	0	1
dyad tagging	0.463	3.682	0	256
percent tag	0.021	0.104	0	1
any dyad post	0.165	0.371	0	1
total posts year	0.261	1.253	0	132
percent post	0.023	0.098	0	1
mutual friends	0.972	0.165	0	1
n mutual friend	44.656	64.743	0	1472
network overlap	0.044	0.044	0	0.544
F years older	0.981	6.526	-40	44
both male	0.266	0.442	0	1
both female	0.173	0.378	0	1
F more educated	0.168	0.373	0	1
F less educated	0.187	0.390	0	1
same RS	0.285	0.451	0	1
same city	0.588	0.492	0	1
same region	0.611	0.487	0	1
F tenure	3.062	4.781	-1.918	49.704
same HS	0.115	0.319	0	1
same college	0.165	0.371	0	1
same grad	0.002	0.046	0	1

ES: Spain

Variable	Mean	SD	Min	Max
job transmission	0.074	0.263	0	1
any dyad tag	0.070	0.255	0	1
dyad tagging	0.405	4.089	0	344
percent tag	0.023	0.120	0	1
any dyad post	0.161	0.368	0	1
total posts year	0.242	1.157	0	99
percent post	0.032	0.122	0	1
mutual friends	0.969	0.172	0	1
n mutual friend	47.845	111.525	0	2209
network overlap	0.041	0.045	0	0.706
F years older	0.608	8.337	-43	45
both male	0.475	0.499	0	1
both female	0.120	0.325	0	1
F more educated	0.206	0.405	0	1
F less educated	0.250	0.433	0	1
same RS	0.276	0.447	0	1
same city	0.362	0.481	0	1
same region	0.601	0.490	0	1
F tenure	4.204	5.986	-1.964	49.781
same HS	0.057	0.232	0	1
same college	0.109	0.312	0	1
same grad	0.004	0.062	0	1

EG: Egypt

Variable	Mean	SD	Min	Max
job transmission	0.049	0.215	0	1
any dyad tag	0.121	0.326	0	1
dyad tagging	0.519	3.967	0	446
percent tag	0.015	0.076	0	1
any dyad post	0.245	0.430	0	1
total posts year	0.545	2.814	0	344
percent post	0.018	0.070	0	1
mutual friends	0.985	0.123	0	1
n mutual friend	43.063	47.993	0	1317
network overlap	0.055	0.053	0	0.743
F years older	0.767	4.517	-45	44
both male	0.580	0.494	0	1
both female	0.195	0.396	0	1
F more educated	0.139	0.346	0	1
F less educated	0.144	0.351	0	1
same RS	0.373	0.483	0	1
same city	0.533	0.499	0	1
same region	0.533	0.499	0	1
F tenure	2.080	3.552	-2	49.704
same HS	0.066	0.249	0	1
same college	0.257	0.437	0	1
same grad	0.007	0.081	0	1

FL: Finland

Variable	Mean	SD	Min	Max
job transmission	0.044	0.205	0	1 any dyad tag
0.030	0.169	0	1	
dyad tagging	0.097	1.159	0	131
percent tag	0.009	0.077	0	1
any dyad post	0.233	0.423	0	1
total posts year	0.277	0.714	0	55
percent post	0.021	0.072	0	1
mutual friends	0.984	0.126	0	1
n mutual friend	32.262	37.539	0	861
network overlap	0.047	0.046	0	0.976
F years older	0.952	6.690	-44	44
both male	0.323	0.468	0	1
both female	0.278	0.448	0	1
F more educated	0.200	0.400	0	1
F less educated	0.222	0.415	0	1
same RS	0.285	0.452	0	1
same city	0.301	0.459	0	1
same region	0.630	0.483	0	1
F tenure	2.924	4.722	-2	49.362
same HS	0.091	0.288	0	1
same college	0.130	0.336	0	1
same grad	0.011	0.107	0	1

FR: France

Variable	Mean	SD	Min	Max
job transmission	0.053	0.223	0	1
any dyad tag	0.048	0.215	0	1
dyad tagging	0.238	3.128	0	820
percent tag	0.015	0.099	0	1
any dyad post	0.160	0.367	0	1
total posts year	0.237	1.092	0	148
percent post	0.026	0.100	0	1
mutual friends	0.966	0.182	0	1
n mutual friend	34.274	78.062	0	1995
network overlap	0.039	0.044	0	0.893
F years older	0.948	6.636	-47	48
both male	0.392	0.488	0	1
both female	0.184	0.388	0	1
F more educated	0.208	0.406	0	1
F less educated	0.243	0.429	0	1
same RS	0.285	0.451	0	1
same city	0.180	0.384	0	1
same region	0.507	0.500	0	1
F tenure	2.608	4.371	-1.989	49.959
same HS	0.097	0.296	0	1
same college	0.095	0.294	0	1
same grad	0.014	0.119	0	1

GR: Greece

Variable	Mean	SD	Min	Max
job transmission	0.053	0.225	0	1
any dyad tag	0.044	0.206	0	1
dyad tagging	0.221	2.923	0	238
percent tag	0.013	0.090	0	1
any dyad post	0.139	0.346	0	1
total posts year	0.217	1.175	0	101
percent post	0.021	0.091	0	1
mutual friends	0.978	0.145	0	1
n mutual friend	56.439	85.179	0	1449
network overlap	0.032	0.037	0	0.556
F years older	1.681	8.328	-42	45
both male	0.377	0.485	0	1
both female	0.140	0.347	0	1
F more educated	0.192	0.394	0	1
F less educated	0.218	0.413	0	1
same RS	0.324	0.468	0	1
same city	0.562	0.496	0	1
same region	0.585	0.493	0	1
F tenure	4.859	6.687	-1.975	49.956
same HS	0.028	0.166	0	1
same college	0.076	0.265	0	1
same grad	0.004	0.063	0	1

GB: United Kingdom

Variable	Mean	SD	Min	Max
job transmission	0.031	0.174	0	1
any dyad tag	0.058	0.233	0	1
dyad tagging	0.447	5.670	0	1676
percent tag	0.011	0.075	0	1
any dyad post	0.170	0.375	0	1
total posts year	0.346	3.166	0	1243
percent post	0.014	0.062	0	1
mutual friends	0.981	0.137	0	1
n mutual friend	46.668	55.444	0	1147
network overlap	0.055	0.059	0	1
F years older	0.914	6.353	-45	48
both male	0.255	0.436	0	1
both female	0.292	0.455	0	1
F more educated	0.214	0.410	0	1
F less educated	0.249	0.432	0	1
same RS	0.306	0.461	0	1
same city	0.114	0.317	0	1
same region	0.850	0.357	0	1
F tenure	2.883	4.598	-2	49.877
same HS	0.268	0.443	0	1
same college	0.104	0.305	0	1
same grad	0.005	0.069	0	1

HU: Hungary

Variable	Mean	SD	Min	Max
job transmission	0.037	0.188	0	1
any dyad tag	0.043	0.202	0	1
dyad tagging	0.145	1.489	0	182
percent tag	0.011	0.077	0	1
any dyad post	0.240	0.427	0	1
total posts year	0.332	1.693	0	516
percent post	0.016	0.063	0	1
mutual friends	0.984	0.124	0	1
n mutual friend	47.117	52.709	0	1406
network overlap	0.060	0.056	0	0.964
F years older	1.185	7.086	-42	46
both male	0.324	0.468	0	1
both female	0.229	0.420	0	1
F more educated	0.246	0.431	0	1
F less educated	0.282	0.450	0	1
same RS	0.294	0.456	0	1
same city	0.369	0.483	0	1
same region	0.412	0.492	0	1
F tenure	2.900	4.903	-1.970	49.868
same HS	0.116	0.320	0	1
same college	0.058	0.234	0	1
same grad	0.036	0.187	0	1

ID: Indonesia

Variable	Mean	SD	Min	Max
job transmission	0.017	0.128	0	1
any dyad tag	0.040	0.196	0	1
dyad tagging	0.168	2.186	0	387
percent tag	0.004	0.043	0	1
any dyad post	0.069	0.254	0	1
total posts year	0.112	1.271	0	380
percent post	0.006	0.043	0	1
mutual friends	0.973	0.163	0	1
n mutual friend	74.252	90.397	0	2332
network overlap	0.041	0.051	0	1
F years older	0.697	5.087	-46	48
both male	0.239	0.426	0	1
both female	0.204	0.403	0	1
F more educated	0.193	0.394	0	1
F less educated	0.221	0.415	0	1
same RS	0.279	0.449	0	1
same city	0.464	0.499	0	1
same region	0.497	0.500	0	1
F tenure	2.536	4.274	-2	49.989
same HS	0.090	0.286	0	1
same college	0.107	0.309	0	1
same grad	0.005	0.070	0	1

IL: Israel

Variable	Mean	SD	Min	Max
job transmission	0.050	0.218	0	1
any dyad tag	0.063	0.243	0	1
dyad tagging	0.292	2.629	0	150
percent tag	0.016	0.096	0	1
any dyad post	0.157	0.364	0	1
total posts year	0.203	0.750	0	51
percent post	0.020	0.086	0	1
mutual friends	0.981	0.136	0	1
n mutual friend	40.521	51.874	0	1033
network overlap	0.040	0.044	0	0.644
F years older	0.977	6.655	-40	45
both male	0.442	0.497	0	1
both female	0.139	0.346	0	1
F more educated	0.222	0.416	0	1
F less educated	0.254	0.435	0	1
same RS	0.318	0.466	0	1
same city	0.367	0.482	0	1
same region	0.563	0.496	0	1
F tenure	3.001	4.489	-1.959	49.868
same HS	0.083	0.276	0	1
same college	0.095	0.293	0	1
same grad	0.017	0.129	0	1

IE: Ireland

Variable	Mean	SD	Min	Max
job transmission	0.045	0.207	0	1
any dyad tag	0.096	0.294	0	1
dyad tagging	0.721	6.619	0	546
percent tag	0.019	0.099	0	1
any dyad post	0.241	0.427	0	1
total posts year	0.437	1.796	0	152
percent post	0.024	0.085	0	1
mutual friends	0.992	0.092	0	1
n mutual friend	50.289	51.189	0	598
network overlap	0.066	0.063	0	0.950
F years older	1.003	5.061	-33	47
both male	0.303	0.459	0	1
both female	0.274	0.446	0	1
F more educated	0.170	0.375	0	1
F less educated	0.191	0.393	0	1
same RS	0.301	0.459	0	1
same city	0.654	0.476	0	1
same region	0.657	0.475	0	1
F tenure	2.939	4.686	-1.934	49.786
same HS	0.162	0.368	0	1
same college	0.194	0.395	0	1
same grad	0.006	0.075	0	1

IN: India

Variable	Mean	SD	Min	Max
job transmission	0.038	0.191	0	1
any dyad tag	0.095	0.293	0	1
dyad tagging	0.348	2.599	0	336
percent tag	0.011	0.064	0	1
any dyad post	0.239	0.427	0	1
total posts year	0.278	0.792	0	161
percent post	0.014	0.059	0	1
mutual friends	0.976	0.152	0	1
n mutual friend	50.520	60.570	0	2044
network overlap	0.071	0.066	0	1
F years older	0.460	4.306	-40	45
both male	0.675	0.468	0	1
both female	0.075	0.264	0	1
F more educated	0.202	0.402	0	1
F less educated	0.241	0.428	0	1
same RS	0.407	0.491	0	1
same city	0.239	0.426	0	1
same region	0.349	0.477	0	1
F tenure	1.945	3.113	-2	49.808
same HS	0.089	0.285	0	1
same college	0.177	0.382	0	1
same grad	0.087	0.282	0	1

IS: Iceland

Variable	Mean	SD	Min	Max
job transmission	0.026	0.160	0	1
any dyad tag	0.054	0.226	0	1
dyad tagging	0.229	2.258	0	177
percent tag	0.009	0.066	0	1
any dyad post	0.262	0.439	0	1
total posts year	0.332	0.932	0	70
percent post	0.012	0.042	0	1
mutual friends	0.997	0.051	0	1
n mutual friend	56.016	58.681	0	1069
network overlap	0.060	0.058	0	0.502
F years older	0.965	7.155	-41	48
both male	0.282	0.450	0	1
both female	0.312	0.463	0	1
F more educated	0.268	0.443	0	1
F less educated	0.260	0.438	0	1
same RS	0.314	0.464	0	1
same city	0.879	0.326	0	1
same region	0.892	0.310	0	1
F tenure	2.868	4.612	-1.989	49.951
same HS	0.174	0.379	0	1
same college	0.071	0.257	0	1
same grad	0.011	0.104	0	1

JO: Jordan

Variable	Mean	SD	Min	Max
job transmission	0.056	0.231	0	1
any dyad tag	0.100	0.299	0	1
dyad tagging	0.320	2.070	0	105
percent tag	0.019	0.094	0	1
any dyad post	0.268	0.443	0	1
total posts year	0.506	2.252	0	170
percent post	0.024	0.086	0	1
mutual friends	0.983	0.129	0	1
n mutual friend	32.616	38.293	0	693
network overlap	0.045	0.045	0	0.537
F years older	0.630	5.528	-31	41
both male	0.552	0.497	0	1
both female	0.219	0.413	0	1
F more educated	0.185	0.388	0	1
F less educated	0.177	0.381	0	1
same RS	0.350	0.477	0	1
same city	0.980	0.140	0	1
same region	0.992	0.092	0	1
F tenure	2.395	3.826	-1.986	46.696
same HS	0.072	0.258	0	1
same college	0.258	0.437	0	1
same grad	0.011	0.105	0	1

IT: Italy

Variable	Mean	SD	Min	Max
job transmission	0.053	0.224	0	1
any dyad tag	0.060	0.237	0	1
dyad tagging	0.329	4.634	0	789
percent tag	0.016	0.099	0	1
any dyad post	0.190	0.392	0	1
total posts year	0.277	1.293	0	158
percent post	0.023	0.092	0	1
mutual friends	0.975	0.156	0	1
n mutual friend	39.647	60.725	0	1609
network overlap	0.034	0.039	0	0.970
F years older	0.981	8.336	-46	46
both male	0.460	0.498	0	1
both female	0.121	0.326	0	1
F more educated	0.233	0.423	0	1
F less educated	0.299	0.458	0	1
same RS	0.242	0.429	0	1
same city	0.196	0.397	0	1
same region	0.446	0.497	0	1
F tenure	4.515	6.507	-2	49.951
same HS	0.051	0.221	0	1
same college	0.070	0.255	0	1
same grad	0.015	0.123	0	1

JP: Japan

Variable	Mean	SD	Min	Max
job transmission	0.059	0.235	0	1
any dyad tag	0.059	0.235	0	1
dyad tagging	0.235	3.654	0	676
percent tag	0.013	0.086	0	1
any dyad post	0.175	0.380	0	1
total posts year	0.187	0.521	0	59
percent post	0.019	0.086	0	1
mutual friends	0.974	0.159	0	1
n mutual friend	35.455	47.150	0	1086
network overlap	0.071	0.073	0	0.871
F years older	0.593	7.467	-36	42
both male	0.659	0.474	0	1
both female	0.052	0.221	0	1
F more educated	0.152	0.359	0	1
F less educated	0.194	0.395	0	1
same RS	0.374	0.484	0	1
same city	0.502	0.500	0	1
same region	0.555	0.497	0	1
F tenure	4.789	5.698	-1.836	45.836
same HS	0.028	0.166	0	1
same college	0.069	0.254	0	1
same grad	0.016	0.125	0	1

KR: South Korea

Variable	Mean	SD	Min	Max
job transmission	0.064	0.245	0	1
any dyad tag	0.067	0.250	0	1
dyad tagging	0.271	2.932	0	199
percent tag	0.016	0.096	0	1
any dyad post	0.144	0.351	0	1
total posts year	0.254	1.413	0	164
percent post	0.025	0.106	0	1
mutual friends	0.965	0.184	0	1
n mutual friend	63.288	152.947	0	1830
network overlap	0.066	0.071	0	0.806
F years older	0.243	7.580	-38	43
both male	0.613	0.487	0	1
both female	0.065	0.246	0	1
F more educated	0.168	0.374	0	1
F less educated	0.214	0.410	0	1
same RS	0.361	0.480	0	1
same city	0.687	0.464	0	1
same region	0.699	0.459	0	1
F tenure	3.820	5.263	-1.986	46.784
same HS	0.053	0.225	0	1
same college	0.171	0.377	0	1
same grad	0.032	0.177	0	1

MY: Malaysia

Variable	Mean	SD	Min	Max
job transmission	0.024	0.155	0	1
any dyad tag	0.072	0.258	0	1
dyad tagging	0.310	3.323	0	449
percent tag	0.008	0.055	0	1
any dyad post	0.124	0.330	0	1
total posts year	0.186	1.508	0	431
percent post	0.009	0.050	0	1
mutual friends	0.977	0.148	0	1
n mutual friend	51.789	65.395	0	2210
network overlap	0.041	0.044	0	0.627
F years older	0.702	5.599	-45	46
both male	0.278	0.448	0	1
both female	0.247	0.431	0	1
F more educated	0.220	0.414	0	1
F less educated	0.267	0.442	0	1
same RS	0.302	0.459	0	1
same city	0.305	0.461	0	1
same region	0.449	0.497	0	1
F tenure	2.647	4.346	-2	49.992
same HS	0.133	0.340	0	1
same college	0.099	0.298	0	1
same grad	0.015	0.120	0	1

MX: Mexico

Variable	Mean	SD	Min	Max
job transmission	0.051	0.220	0	1
any dyad tag	0.100	0.299	0	1
dyad tagging	0.573	5.485	0	1015
percent tag	0.022	0.108	0	1
any dyad post	0.183	0.386	0	1
total posts year	0.417	2.979	0	778
percent post	0.026	0.102	0	1
mutual friends	0.967	0.178	0	1
n mutual friend	47.846	77.177	0	1896
network overlap	0.039	0.042	0	0.607
F years older	0.364	7.039	-48	48
both male	0.339	0.473	0	1
both female	0.145	0.352	0	1
F more educated	0.163	0.369	0	1
F less educated	0.200	0.400	0	1
same RS	0.278	0.448	0	1
same city	0.421	0.494	0	1
same region	0.535	0.499	0	1
F tenure	3.256	5.250	-2	49.951
same HS	0.072	0.258	0	1
same college	0.139	0.345	0	1
same grad	0.003	0.057	0	1

NG: Nigeria

Variable	Mean	SD	Min	Max
job transmission	0.047	0.212	0	1
any dyad tag	0.038	0.191	0	1
dyad tagging	0.106	1.405	0	119
percent tag	0.010	0.078	0	1
any dyad post	0.144	0.351	0	1
total posts year	0.168	0.488	0	15
percent post	0.020	0.090	0	1
mutual friends	0.958	0.201	0	1
n mutual friend	40.522	57.171	0	1084
network overlap	0.041	0.049	0	0.659
F years older	0.316	8.083	-43	45
both male	0.534	0.499	0	1
both female	0.055	0.228	0	1
F more educated	0.241	0.428	0	1
F less educated	0.280	0.449	0	1
same RS	0.332	0.471	0	1
same city	0.730	0.444	0	1
same region	0.749	0.434	0	1
F tenure	3.139	4.206	-1.918	49.400
same HS	0.052	0.222	0	1
same college	0.090	0.286	0	1
same grad	0.019	0.135	0	1

NL: Netherlands

Variable	Mean	SD	Min	Max
job transmission	0.041	0.197	0	1
any dyad tag	0.084	0.278	0	1
dyad tagging	0.329	2.454	0	246
percent tag	0.016	0.087	0	1
any dyad post	0.220	0.414	0	1
total posts year	0.316	1.047	0	141
percent post	0.020	0.076	0	1
mutual friends	0.958	0.200	0	1
n mutual friend	21.382	26.112	0	1479
network overlap	0.051	0.052	0	0.714
F years older	1.010	6.405	-45	47
both male	0.289	0.453	0	1
both female	0.263	0.440	0	1
F more educated	0.170	0.376	0	1
F less educated	0.201	0.401	0	1
same RS	0.332	0.471	0	1
same city	0.161	0.367	0	1
same region	0.438	0.496	0	1
F tenure	2.544	3.978	-1.962	49.619
same HS	0.155	0.362	0	1
same college	0.101	0.302	0	1
same grad	0.017	0.130	0	1

NZ: New Zealand

Variable	Mean	SD	Min	Max
job transmission	0.048	0.214	0	1
any dyad tag	0.070	0.255	0	1
dyad tagging	0.425	4.906	0	678
percent tag	0.017	0.096	0	1
any dyad post	0.207	0.405	0	1
total posts year	0.390	2.610	0	545
percent post	0.023	0.086	0	1
mutual friends	0.981	0.137	0	1
n mutual friend	31.671	35.304	0	567
network overlap	0.051	0.052	0	0.696
F years older	1.048	7.380	-45	47
both male	0.294	0.456	0	1
both female	0.296	0.457	0	1
F more educated	0.218	0.413	0	1
F less educated	0.266	0.442	0	1
same RS	0.292	0.455	0	1
same city	0.457	0.498	0	1
same region	0.493	0.500	0	1
F tenure	2.912	4.596	-1.989	49.953
same HS	0.245	0.430	0	1
same college	0.125	0.331	0	1
same grad	0.008	0.089	0	1

NO: Norway

Variable	Mean	SD	Min	Max
job transmission	0.029	0.168	0	1
any dyad tag	0.034	0.182	0	1
dyad tagging	0.134	1.730	0	305
percent tag	0.008	0.065	0	1
any dyad post	0.227	0.419	0	1
total posts year	0.279	0.928	0	425
percent post	0.012	0.047	0	1
mutual friends	0.989	0.104	0	1
n mutual friend	44.030	46.734	0	881
network overlap	0.053	0.053	0	0.851
F years older	0.781	6.887	-46	47
both male	0.305	0.460	0	1
both female	0.264	0.441	0	1
F more educated	0.250	0.433	0	1
F less educated	0.282	0.450	0	1
same RS	0.296	0.456	0	1
same city	0.272	0.445	0	1
same region	0.391	0.488	0	1
F tenure	2.974	4.738	-2	49.784
same HS	0.158	0.365	0	1
same college	0.049	0.216	0	1
same grad	0.015	0.122	0	1

PE: Peru

Variable	Mean	SD	Min	Max
job transmission	0.038	0.191	0	1
any dyad tag	0.088	0.283	0	1
dyad tagging	0.446	4.747	0	1284
percent tag	0.015	0.083	0	1
any dyad post	0.232	0.422	0	1
total posts year	0.375	1.666	0	186
percent post	0.017	0.070	0	1
mutual friends	0.970	0.171	0	1
n mutual friend	38.913	48.421	0	1396
network overlap	0.041	0.042	0	0.553
F years older	0.716	6.079	-43	47
both male	0.315	0.465	0	1
both female	0.192	0.394	0	1
F more educated	0.132	0.338	0	1
F less educated	0.165	0.372	0	1
same RS	0.297	0.457	0	1
same city	0.989	0.105	0	1
same region	0.992	0.089	0	1
F tenure	2.190	3.901	-2	49.767
same HS	0.081	0.272	0	1
same college	0.184	0.387	0	1
same grad	0.003	0.055	0	1

PH: Philippines

Variable	Mean	SD	Min	Max
job transmission	0.026	0.159	0	1
any dyad tag	0.078	0.269	0	1
dyad tagging	0.415	4.061	0	767
percent tag	0.008	0.058	0	1
any dyad post	0.160	0.367	0	1
total posts year	0.219	1.113	0	286
percent post	0.009	0.051	0	1
mutual friends	0.985	0.122	0	1
n mutual friend	66.197	71.162	0	2166
network overlap	0.049	0.049	0	0.732
F years older	0.819	5.655	-48	47
both male	0.207	0.405	0	1
both female	0.311	0.463	0	1
F more educated	0.142	0.349	0	1
F less educated	0.155	0.361	0	1
same RS	0.299	0.458	0	1
same city	0.290	0.454	0	1
same region	0.348	0.476	0	1
F tenure	2.126	3.791	-1.992	49.951
same HS	0.163	0.370	0	1
same college	0.241	0.428	0	1
same grad	0.011	0.103	0	1

PL: Poland

Variable	Mean	SD	Min	Max
job transmission	0.067	0.250	0	1
any dyad tag	0.058	0.234	0	1
dyad tagging	0.217	2.086	0	257
percent tag	0.019	0.109	0	1
any dyad post	0.176	0.381	0	1
total posts year	0.218	0.755	0	50
percent post	0.030	0.110	0	1
mutual friends	0.980	0.140	0	1
n mutual friend	27.503	28.963	0	746
network overlap	0.057	0.054	0	0.725
F years older	0.630	4.452	-46	46
both male	0.332	0.471	0	1
both female	0.236	0.424	0	1
F more educated	0.121	0.327	0	1
F less educated	0.141	0.348	0	1
same RS	0.271	0.444	0	1
same city	0.424	0.494	0	1
same region	0.477	0.499	0	1
F tenure	2.035	3.321	-1.945	49.668
same HS	0.080	0.272	0	1
same college	0.147	0.354	0	1
same grad	0.002	0.042	0	1

PK: Pakistan

Variable	Mean	SD	Min	Max
job transmission	0.047	0.211	0	1
any dyad tag	0.112	0.315	0	1
dyad tagging	0.528	5.242	0	1084
percent tag	0.016	0.078	0	1
any dyad post	0.274	0.446	0	1
total posts year	0.505	3.085	0	528
percent post	0.019	0.074	0	1
mutual friends	0.978	0.147	0	1
n mutual friend	37.136	45.329	0	1165
network overlap	0.061	0.058	0	0.649
F years older	0.528	5.784	-41	46
both male	0.739	0.439	0	1
both female	0.099	0.298	0	1
F more educated	0.192	0.394	0	1
F less educated	0.230	0.421	0	1
same RS	0.366	0.482	0	1
same city	0.614	0.487	0	1
same region	0.660	0.474	0	1
F tenure	2.041	3.429	-1.989	49.992
same HS	0.078	0.268	0	1
same college	0.111	0.314	0	1
same grad	0.131	0.337	0	1

PT: Portugal

Variable	Mean	SD	Min	Max
job transmission	0.040	0.197	0	1
any dyad tag	0.060	0.237	0	1
dyad tagging	0.214	2.066	0	337
percent tag	0.011	0.073	0	1
any dyad post	0.228	0.419	0	1
total posts year	0.259	0.644	0	70
percent post	0.016	0.063	0	1
mutual friends	0.983	0.130	0	1
n mutual friend	45.094	57.359	0	1117
network overlap	0.048	0.048	0	0.605
F years older	1.223	7.387	-43	47
both male	0.358	0.479	0	1
both female	0.176	0.381	0	1
F more educated	0.195	0.396	0	1
F less educated	0.242	0.429	0	1
same RS	0.285	0.451	0	1
same city	0.257	0.437	0	1
same region	0.516	0.500	0	1
F tenure	3.892	5.731	-2	49.951
same HS	0.086	0.280	0	1
same college	0.153	0.360	0	1
same grad	0.005	0.069	0	1

RO: Romania

Variable	Mean	SD	Min	Max
job transmission	0.046	0.208	0	1
any dyad tag	0.075	0.264	0	1
dyad tagging	0.296	2.455	0	178
percent tag	0.014	0.084	0	1
any dyad post	0.244	0.429	0	1
total posts year	0.285	0.704	0	65
percent post	0.018	0.067	0	1
mutual friends	0.977	0.149	0	1
n mutual friend	42.419	59.567	0	1436
network overlap	0.043	0.044	0	0.533
F years older	1.094	5.460	-35	46
both male	0.230	0.421	0	1
both female	0.256	0.436	0	1
F more educated	0.212	0.409	0	1
F less educated	0.236	0.425	0	1
same RS	0.282	0.450	0	1
same city	0.589	0.492	0	1
same region	0.604	0.489	0	1
F tenure	2.436	3.692	-1.992	49.036
same HS	0.086	0.280	0	1
same college	0.105	0.307	0	1
same grad	0.009	0.092	0	1

SA: Saudi Arabia

Variable	Mean	SD	Min	Max
job transmission	0.097	0.296	0	1
any dyad tag	0.075	0.263	0	1
dyad tagging	0.301	2.735	0	172
percent tag	0.020	0.107	0	1
any dyad post	0.125	0.331	0	1
total posts year	0.185	2.572	0	503
percent post	0.026	0.112	0	1
mutual friends	0.982	0.134	0	1
n mutual friend	33.227	43.087	0	1318
network overlap	0.051	0.052	0	0.554
F years older	0.799	5.857	-37	41
both male	0.735	0.441	0	1
both female	0.168	0.374	0	1
F more educated	0.174	0.379	0	1
F less educated	0.177	0.381	0	1
same RS	0.372	0.483	0	1
same city	0.525	0.499	0	1
same region	0.561	0.496	0	1
F tenure	3.031	4.199	-1.984	46.792
same HS	0.052	0.222	0	1
same college	0.234	0.424	0	1
same grad	0.017	0.129	0	1

RU: Russian Federation

Variable	Mean	SD	Min	Max
job transmission	0.060	0.238	0	1
any dyad tag	0.052	0.223	0	1
dyad tagging	0.182	1.749	0	119
percent tag	0.011	0.078	0	1
any dyad post	0.082	0.275	0	1
total posts year	0.088	0.448	0	61
percent post	0.013	0.077	0	1
mutual friends	0.972	0.164	0	1
n mutual friend	42.489	67.604	0	1093
network overlap	0.063	0.065	0	0.667
F years older	1.249	7.438	-39	42
both male	0.400	0.490	0	1
both female	0.174	0.379	0	1
F more educated	0.231	0.422	0	1
F less educated	0.217	0.412	0	1
same RS	0.298	0.458	0	1
same city	0.678	0.467	0	1
same region	0.686	0.464	0	1
F tenure	3.060	3.714	-1.945	38.518
same HS	0.010	0.097	0	1
same college	0.056	0.229	0	1
same grad	0.009	0.096	0	1

SE: Sweden

Variable	Mean	SD	Min	Max
job transmission	0.041	0.198	0	1
any dyad tag	0.051	0.220	0	1
dyad tagging	0.204	2.074	0	208
percent tag	0.012	0.082	0	1
any dyad post	0.219	0.414	0	1
total posts year	0.278	0.827	0	129
percent post	0.018	0.066	0	1
mutual friends	0.980	0.140	0	1
n mutual friend	30.035	39.697	0	1420
network overlap	0.043	0.043	0	1
F years older	0.791	6.917	-43	48
both male	0.329	0.470	0	1
both female	0.248	0.432	0	1
F more educated	0.206	0.405	0	1
F less educated	0.230	0.421	0	1
same RS	0.277	0.448	0	1
same city	0.211	0.408	0	1
same region	0.435	0.496	0	1
F tenure	2.953	4.762	-2	49.975
same HS	0.111	0.314	0	1
same college	0.088	0.284	0	1
same grad	0.007	0.086	0	1

TH: Thailand

Variable	Mean	SD	Min	Max
job transmission	0.032	0.176	0	1
any dyad tag	0.109	0.312	0	1
dyad tagging	0.701	5.852	0	447
percent tag	0.013	0.072	0	1
any dyad post	0.223	0.417	0	1
total posts year	0.431	2.495	0	593
percent post	0.015	0.065	0	1
mutual friends	0.975	0.155	0	1
n mutual friend	58.877	75.778	0	1657
network overlap	0.055	0.057	0	0.610
F years older	0.556	4.904	-45	47
both male	0.277	0.448	0	1
both female	0.254	0.435	0	1
F more educated	0.214	0.410	0	1
F less educated	0.221	0.415	0	1
same RS	0.300	0.458	0	1
same city	0.700	0.458	0	1
same region	0.700	0.458	0	1
F tenure	2.212	4.102	-1.997	49.951
same HS	0.110	0.312	0	1
same college	0.191	0.393	0	1
same grad	0.022	0.148	0	1

TW: Taiwan

Variable	Mean	SD	Min	Max
job transmission	0.035	0.184	0	1
any dyad tag	0.108	0.310	0	1
dyad tagging	0.684	6.340	0	1700
percent tag	0.013	0.071	0	1
any dyad post	0.268	0.443	0	1
total posts year	0.348	1.072	0	121
percent post	0.016	0.057	0	1
mutual friends	0.967	0.177	0	1
n mutual friend	33.891	40.200	0	1807
network overlap	0.054	0.054	0	1
F years older	0.610	4.862	-46	46
both male	0.451	0.498	0	1
both female	0.141	0.348	0	1
F more educated	0.137	0.344	0	1
F less educated	0.184	0.387	0	1
same RS	0.297	0.457	0	1
same city	0.371	0.483	0	1
same region	0.501	0.500	0	1
F tenure	1.959	3.615	-2	49.951
same HS	0.130	0.337	0	1
same college	0.227	0.419	0	1
same grad	0.016	0.126	0	1

TR: Turkey

Variable	Mean	SD	Min	Max
job transmission	0.050	0.218	0	1
any dyad tag	0.041	0.199	0	1
dyad tagging	0.190	2.442	0	487
percent tag	0.011	0.082	0	1
any dyad post	0.131	0.337	0	1
total posts year	0.172	1.311	0	704
percent post	0.017	0.080	0	1
mutual friends	0.973	0.163	0	1
n mutual friend	28.195	42.909	0	2376
network overlap	0.038	0.046	0	1
F years older	0.942	6.562	-47	48
both male	0.450	0.497	0	1
both female	0.206	0.404	0	1
F more educated	0.168	0.374	0	1
F less educated	0.197	0.398	0	1
same RS	0.329	0.470	0	1
same city	0.430	0.495	0	1
same region	0.455	0.498	0	1
F tenure	3.285	5.338	-2	49.951
same HS	0.102	0.302	0	1
same college	0.161	0.368	0	1
same grad	0.007	0.084	0	1

US: United States

Variable	Mean	SD	Min	Max
job transmission	0.021	0.144	0	1
any dyad tag	0.039	0.195	0	1
dyad tagging	0.209	2.959	0	543
percent tag	0.006	0.053	0	1
any dyad post	0.146	0.354	0	1
total posts year	0.235	1.286	0	546
percent post	0.008	0.041	0	1
mutual friends	0.982	0.132	0	1
n mutual friend	50.697	61.714	0	2307
network overlap	0.046	0.048	0	0.909
F years older	1.237	6.906	-46	48
both male	0.252	0.434	0	1
both female	0.296	0.456	0	1
F more educated	0.178	0.383	0	1
F less educated	0.207	0.405	0	1
same RS	0.313	0.464	0	1
same city	0.106	0.308	0	1
same region	0.460	0.498	0	1
F tenure	2.883	4.823	-2	49.951
same HS	0.291	0.454	0	1
same college	0.210	0.407	0	1
same grad	0.012	0.107	0	1

VE: Venezuela

Variable	Mean	SD	Min	Max
job transmission	0.085	0.279	0	1
any dyad tag	0.063	0.243	0	1
dyad tagging	0.283	2.999	0	223
percent tag	0.023	0.123	0	1
any dyad post	0.102	0.303	0	1
total posts year	0.152	1.162	0	176
percent post	0.029	0.127	0	1
mutual friends	0.969	0.173	0	1
n mutual friend	39.359	63.138	0	1435
network overlap	0.037	0.040	0	0.557
F years older	1.041	9.060	-46	47
both male	0.286	0.452	0	1
both female	0.179	0.383	0	1
F more educated	0.185	0.389	0	1
F less educated	0.190	0.392	0	1
same RS	0.287	0.452	0	1
same city	0.595	0.491	0	1
same region	0.608	0.488	0	1
F tenure	4.732	6.180	-1.967	49.786
same HS	0.076	0.266	0	1
same college	0.118	0.322	0	1
same grad	0.003	0.054	0	1

ZA: South Africa

Variable	Mean	SD	Min	Max
job transmission	0.035	0.185	0	1
any dyad tag	0.045	0.206	0	1
dyad tagging	0.227	2.990	0	397
percent tag	0.011	0.079	0	1
any dyad post	0.140	0.347	0	1
total posts year	0.213	1.125	0	139
percent post	0.017	0.077	0	1
mutual friends	0.974	0.159	0	1
n mutual friend	36.366	53.475	0	1564
network overlap	0.039	0.041	0	0.948
F years older	0.631	7.310	-44	46
both male	0.306	0.461	0	1
both female	0.217	0.412	0	1
F more educated	0.239	0.426	0	1
F less educated	0.319	0.466	0	1
same RS	0.279	0.448	0	1
same city	0.233	0.423	0	1
same region	0.510	0.500	0	1
F tenure	2.992	4.615	-1.973	49.455
same HS	0.170	0.376	0	1
same college	0.063	0.242	0	1
same grad	0.021	0.145	0	1

VN: Vietnam

Variable	Mean	SD	Min	Max
job transmission	0.038	0.191	0	1
any dyad tag	0.127	0.333	0	1
dyad tagging	0.685	5.015	0	539
percent tag	0.013	0.070	0	1
any dyad post	0.175	0.380	0	1
total posts year	0.363	1.727	0	169
percent post	0.015	0.065	0	1
mutual friends	0.977	0.149	0	1
n mutual friend	42.941	59.791	0	1190
network overlap	0.044	0.047	0	0.566
F years older	0.623	4.283	-28	43
both male	0.301	0.459	0	1
both female	0.213	0.409	0	1
F more educated	0.162	0.369	0	1
F less educated	0.202	0.402	0	1
same RS	0.280	0.449	0	1
same city	0.600	0.490	0	1
same region	0.603	0.489	0	1
F tenure	1.780	3.018	-1.975	45.033
same HS	0.080	0.271	0	1
same college	0.139	0.346	0	1
same grad	0.006	0.078	0	1

Total for All Countries

Variable	Mean	SD	Min	Max
job transmission	0.037	0.189	0	1
any dyad tag	0.068	0.252	0	1
dyad tagging	0.321	3.512	0	1700
percent tag	0.011	0.075	0	1
any dyad post	0.191	0.393	0	1
total posts year	0.276	1.488	0	1243
percent post	0.015	0.068	0	1
mutual friends	0.976	0.152	0	1
n mutual friend	43.980	58.724	0	2376
network overlap	0.051	0.053	0	1
F years older	0.825	6.194	-48	48
both male	0.382	0.486	0	1
both female	0.205	0.404	0	1
F more educated	0.196	0.397	0	1
F less educated	0.227	0.419	0	1
same RS	0.316	0.465	0	1
same city	0.328	0.470	0	1
same region	0.507	0.500	0	1
F tenure	2.684	4.432	-2	49.992
same HS	0.134	0.341	0	1
same college	0.138	0.345	0	1
same grad	0.022	0.148	0	1

2 Analysis

2.1 Full Country Results

Here, we show the regression results for each country where we measure the association between tie strength measures (tags, posts, and mutual friends) and job transmission net of fixed effects (which control for all individual characteristics) and several controls for homophily. We use ordinary least squares regression, but the results are substantively identical when we use a logit specification (see below).

Table 6: Full Regression Results for 55 Country Models

Variable	AE: United Arab Emirates	AR: Argentina	AT: Austria	AU: Australia	BE: Belgium
pct tags	13.768 (4.046)	18.600 (2.770)	11.270 (2.380)	9.609 (1.199)	11.172 (2.199)
pct posts	13.594 (3.678)	11.765 (2.790)	7.901 (2.950)	9.746 (1.455)	8.022 (2.594)
pct mutual friends	19.465 (12.847)	108.692 (13.602)	18.040 (3.804)	15.877 (1.672)	34.572 (4.437)
F years older	-0.161 (0.101)	-0.163 (0.046)	-0.095 (0.038)	-0.030 (0.013)	-0.149 (0.025)
both male	3.379 (1.249)	2.316 (0.748)	3.192 (0.361)	1.667 (0.198)	1.568 (0.286)
both female	3.883 (1.661)	4.244 (0.986)	1.458 (0.494)	0.961 (0.181)	1.634 (0.338)
same relationship status	-0.598 (1.033)	0.511 (0.677)	-0.040 (0.328)	0.043 (0.148)	-0.208 (0.244)
same region	24.902 (20.361)	-0.168 (1.037)	0.513 (0.409)	1.631 (0.207)	0.331 (0.289)
same city	-25.640 (20.211)	2.434 (1.168)	1.705 (0.541)	1.386 (0.229)	2.570 (0.408)
F tenure	1.691 (0.166)	0.776 (0.056)	0.702 (0.048)	0.497 (0.018)	0.595 (0.032)
same HS	-1.803 (1.859)	-1.180 (1.385)	-1.306 (0.403)	-3.132 (0.162)	-3.290 (0.337)
same college	-2.722 (1.644)	6.570 (1.192)	6.279 (1.030)	1.355 (0.249)	2.026 (0.437)
same grad	8.596 (4.407)	8.840 (10.395)	-6.619 (7.792)	4.918 (1.113)	1.260 (0.698)
(number of alter's friends/100) ¹	-0.739 (0.619)	-0.639 (0.297)	-0.651 (0.268)	-0.009 (0.107)	-0.628 (0.161)
(number of alter's friends/100) ²	0.018 (0.075)	0.020 (0.027)	0.097 (0.038)	-0.007 (0.014)	0.060 (0.019)
(number of alter's friends/100) ³	0.000 (0.003)	0.000 (0.001)	-0.005 (0.002)	0.000 (0.001)	-0.002 (0.001)
(number of alter's friends/100) ⁴	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
Constant	17.66735 (3.367)	4.787752 (0.941)	3.100356 (0.550)	3.185323 (0.255)	4.028372 (0.411)
N	30,202	57,730	114,453	597,200	220,846
R ²	0.391784	0.2516393	0.1924657	0.2048335	0.21529
rmse	34.88121	32.67944	24.91664	23.90194	24.47543
Number of Clusters	1887	2939	3267	14321	5135
Adjusted R ²	0.3508593	0.2112516	0.1686104	0.1852729	0.1965466
F	12.48003	36.71736	30.54616	108.5057	45.76948

Variable	BG: Bulgaria	BR: Brazil	CA: Canada	CH: Switzerland	CL: Chile
pct tags	4.690 (5.148)	11.756 (1.191)	9.203 (1.667)	4.735 (2.905)	13.656 (2.243)
pct posts	11.774 (4.735)	7.760 (1.236)	9.720 (1.842)	4.853 (2.874)	10.562 (2.278)
pct mutual friends	73.926 (11.258)	45.527 (1.943)	14.612 (2.229)	8.454 (6.046)	73.418 (6.362)
F years older	-0.172 (0.072)	-0.177 (0.012)	-0.073 (0.014)	-0.040 (0.041)	-0.135 (0.029)
both male	2.338 (1.003)	1.333 (0.166)	1.250 (0.200)	2.576 (0.500)	2.070 (0.380)
both female	2.386 (1.016)	0.574 (0.217)	1.098 (0.198)	1.920 (0.853)	1.880 (0.474)
same relationship status	-0.942 (0.769)	-0.049 (0.149)	0.077 (0.153)	0.171 (0.452)	0.928 (0.342)
same region	-6.761 (5.462)	1.485 (0.234)	1.703 (0.206)	1.351 (0.641)	1.247 (0.791)
same city	10.464 (5.573)	1.364 (0.221)	2.104 (0.204)	1.827 (0.800)	1.138 (0.835)
F tenure	0.762 (0.096)	0.753 (0.019)	0.497 (0.021)	0.874 (0.055)	0.810 (0.042)
same HS	-5.377 (1.544)	-2.400 (0.278)	-1.975 (0.176)	-0.313 (0.773)	-3.419 (0.508)
same college	0.472 (1.309)	1.419 (0.190)	1.785 (0.225)	0.843 (0.906)	1.588 (0.386)
same grad	0.843 (3.329)	2.436 (0.760)	4.371 (1.393)	0.730 (3.455)	3.148 (2.566)
(number of alter's friends/100) ¹	-0.160 (0.521)	0.257 (0.095)	-0.104 (0.112)	0.500 (0.321)	-0.249 (0.197)
(number of alter's friends/100) ²	-0.005 (0.060)	-0.041 (0.011)	0.009 (0.012)	-0.082 (0.039)	0.006 (0.021)
(number of alter's friends/100) ³	0.000 (0.002)	0.001 (0.000)	0.000 (0.000)	0.003 (0.002)	0.000 (0.001)
(number of alter's friends/100) ⁴	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
Constant	2.071684 (1.287)	0.9861286 (0.241)	1.436542 (0.312)	5.273479 (0.734)	1.717788 (0.563)
N	24.652	905.785	431,258	80,252	146,213
R ²	0.1995215	0.1905811	0.1741245	0.3131254	0.1806175
rmse	28.22635	25.42072	21.9758	27.18226	27.02018
Number of Clusters	868	19392	8347	2743	4727
Adjusted R ²	0.1697132	0.1728572	0.1577903	0.288661	0.1531403
F	10.27603	183.0307	71.31839	23.52821	55.00547

Variable	CO: Colombia	CR: Costa Rica	CZ: Czech Republic	DE: Germany	DK: Denmark
pct tags	13.519 (2.010)	16.020 (4.392)	12.974 (4.764)	9.885 (0.981)	3.963 (1.201)
pct posts	7.579 (1.940)	6.756 (5.240)	10.361 (4.126)	8.419 (1.162)	6.542 (1.928)
pct mutual friends	102.439 (6.714)	59.937 (10.578)	47.338 (14.240)	14.182 (1.905)	13.086 (1.551)
F years older	-0.269 (0.033)	-0.090 (0.062)	-0.116 (0.110)	-0.127 (0.017)	-0.050 (0.009)
both male	3.937 (0.508)	0.431 (0.831)	4.102 (1.193)	2.260 (0.197)	0.813 (0.133)
both female	1.677 (0.655)	3.289 (1.113)	5.196 (1.488)	2.021 (0.230)	1.667 (0.108)
same relationship status	1.368 (0.430)	0.477 (0.701)	2.955 (1.069)	-0.041 (0.157)	-0.141 (0.093)
same region	-6.420 (2.992)	-0.838 (1.029)	5.452 (1.809)	2.191 (0.195)	1.211 (0.122)
same city	7.537 (2.991)	1.307 (0.954)	2.205 (1.950)	3.587 (0.267)	1.099 (0.173)
F tenure	1.126 (0.046)	0.660 (0.077)	1.484 (0.153)	0.921 (0.023)	0.506 (0.015)
same HS	-0.714 (0.759)	-3.535 (0.834)	-0.172 (1.835)	-2.886 (0.195)	-1.753 (0.115)
same college	3.465 (0.573)	1.336 (0.770)	3.815 (1.978)	5.508 (0.486)	2.049 (0.240)
same grad	-0.671 (2.457)	-6.544 (1.924)	5.835 (3.526)	0.109 (2.032)	1.901 (0.527)
(number of alter's friends/100) ¹	-0.027 (0.216)	-0.118 (0.420)	-1.439 (0.842)	-0.526 (0.122)	0.020 (0.076)
(number of alter's friends/100) ²	-0.019 (0.022)	0.000 (0.049)	0.197 (0.126)	0.046 (0.017)	-0.004 (0.009)
(number of alter's friends/100) ³	0.001 (0.001)	0.000 (0.002)	-0.008 (0.006)	-0.002 (0.001)	0.000 (0.000)
(number of alter's friends/100) ⁴	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
Constant	2.400917 (0.643)	4.029614 (1.130)	2.069398 (1.574)	4.696607 (0.246)	0.8947825 (0.169)
N	124,537	36,842	16,055	594,748	696,988
R ²	0.2037403	0.1967721	0.23362	0.2444236	0.123996
rmse	31.5124	27.09695	32.51138	27.70912	19.43037
Number of Clusters	5616	1064	1002	20928	9209
Adjusted R ²	0.1660177	0.172491	0.1816784	0.2168435	0.1122449
F	82.98491	12.73102	15.37297	192.7722	117.7986

Variable	DO: Dominican Republic	EC: Ecuador	EG: Egypt	ES: Spain	FI: Finland
pct tags	14.821 (5.373)	21.701 (3.261)	13.797 (2.382)	9.644 (2.856)	1.455 (1.886)
pct posts	3.306 (5.161)	15.312 (3.262)	14.172 (2.442)	13.352 (2.925)	9.172 (2.644)
pct mutual friends	107.527 (14.271)	55.460 (8.835)	41.183 (3.370)	87.801 (9.820)	32.229 (3.497)
F years older	-0.198 (0.070)	-0.185 (0.052)	-0.285 (0.040)	0.014 (0.058)	-0.079 (0.024)
both male	3.642 (1.106)	3.942 (0.817)	0.222 (0.391)	0.827 (0.742)	1.528 (0.346)
both female	0.320 (1.166)	-0.517 (0.813)	-0.639 (0.500)	3.224 (1.127)	3.310 (0.308)
same relationship status	-0.104 (0.826)	0.151 (0.619)	0.161 (0.280)	0.124 (0.678)	0.282 (0.269)
same region	11.257 (20.891)	3.030 (1.999)	11.408 (11.851)	5.862 (0.922)	1.221 (0.285)
same city	-8.635 (20.984)	-1.141 (2.026)	-10.658 (11.848)	1.391 (0.958)	2.617 (0.339)
F tenure	0.591 (0.074)	0.860 (0.068)	0.978 (0.057)	0.794 (0.072)	0.799 (0.035)
same HS	3.712 (1.391)	1.914 (0.933)	-2.653 (0.506)	-5.644 (1.249)	-1.926 (0.349)
same college	2.471 (1.149)	4.240 (0.757)	2.070 (0.329)	2.548 (0.931)	2.490 (0.392)
same grad	-0.598 (4.369)	7.293 (4.779)	5.510 (1.849)	5.869 (4.969)	5.862 (1.807)
(number of alter's friends/100) ¹	-1.094 (0.479)	-0.760 (0.320)	0.140 (0.147)	-0.158 (0.371)	-0.527 (0.201)
(number of alter's friends/100) ²	0.101 (0.049)	0.079 (0.035)	-0.017 (0.015)	-0.010 (0.038)	0.064 (0.027)
(number of alter's friends/100) ³	-0.003 (0.002)	-0.003 (0.001)	0.000 (0.000)	0.001 (0.001)	-0.003 (0.001)
(number of alter's friends/100) ⁴	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
Constant	1.952974 (1.629)	2.403051 (0.849)	3.041996 (0.477)	3.881376 (0.988)	1.113232 (0.454)
N	28,800	61,667	234,630	55,966	180,222
R ²	0.2353423	0.2388152	0.2148133	0.2739906	0.1693811
rmse	27.91478	27.83144	26.20135	32.87484	24.82151
Number of Clusters	924	1975	5238	2857	4661
Adjusted R ²	0.2095134	0.2134058	0.1968246	0.2346892	0.1472462
F	14.34827	31.2694	44.61225	30.17492	61.43728

Variable	FR: France	GB: United Kingdom	GR: Greece	HU: Hungary	ID: Indonesia
pct tags	11.763 (1.370)	9.635 (1.481)	14.257 (5.765)	12.530 (1.812)	20.579 (2.042)
pct posts	8.723 (1.346)	8.043 (1.868)	15.775 (4.729)	6.159 (2.545)	12.041 (1.888)
pct mutual friends	41.188 (3.769)	11.202 (1.798)	81.347 (13.003)	22.982 (2.648)	23.782 (1.992)
F years older	-0.102 (0.025)	-0.038 (0.015)	-0.022 (0.060)	-0.130 (0.018)	-0.007 (0.015)
both male	2.294 (0.275)	1.249 (0.211)	0.322 (0.952)	1.994 (0.228)	2.260 (0.151)
both female	1.799 (0.319)	1.209 (0.159)	4.105 (1.244)	-0.100 (0.243)	0.752 (0.140)
same relationship status	-0.017 (0.233)	-0.162 (0.146)	1.333 (0.802)	-0.066 (0.197)	0.415 (0.112)
same region	2.320 (0.263)	0.596 (0.223)	0.236 (2.422)	1.399 (0.468)	0.124 (0.352)
same city	2.218 (0.381)	2.659 (0.291)	0.434 (2.425)	0.582 (0.513)	0.617 (0.371)
F tenure	0.931 (0.035)	0.397 (0.019)	0.459 (0.069)	0.546 (0.028)	0.321 (0.015)
same HS	-3.123 (0.310)	-2.756 (0.164)	1.124 (2.791)	-1.907 (0.273)	-0.488 (0.198)
same college	3.452 (0.371)	-0.010 (0.215)	4.352 (1.393)	0.945 (0.366)	0.847 (0.160)
same grad	-0.421 (0.946)	3.017 (1.035)	8.266 (6.071)	1.861 (0.447)	0.192 (0.898)
(number of alter's friends/100) ¹	-0.517 (0.129)	-0.283 (0.100)	-0.490 (0.372)	-0.402 (0.152)	-0.399 (0.068)
(number of alter's friends/100) ²	0.033 (0.014)	0.021 (0.011)	0.031 (0.030)	0.027 (0.019)	0.029 (0.006)
(number of alter's friends/100) ³	-0.001 (0.000)	-0.001 (0.000)	-0.001 (0.001)	-0.001 (0.001)	-0.001 (0.000)
(number of alter's friends/100) ⁴	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
Constant	4.236039 (0.322)	3.686427 (0.302)	4.879194 (1.341)	2.503804 (0.340)	1.73157 (0.220)
N	344,577	560,088	37,068	271,507	1,293,421
R ²	0.1968063	0.1903985	0.197302	0.1465284	0.1408704
rmse	28.26516	21.58749	29.27894	22.27585	17.78672
Number of Clusters	12088	9062	1100	5228	9706
Adjusted R ²	0.1675626	0.1770586	0.1723615	0.1297161	0.1343632
F	105.019	71.63737	15.93213	47.90027	88.51353

Variable	IE: Ireland	IL: Israel	IN: India	IS: Iceland	IT: Italy
pct tags	13.829 (3.705)	5.780 (3.871)	12.243 (1.834)	8.040 (3.415)	18.217 (1.856)
pct posts	12.431 (4.623)	5.626 (4.890)	2.970 (1.822)	9.541 (6.973)	7.377 (1.792)
pct mutual friends	9.393 (5.289)	50.447 (9.382)	14.788 (2.136)	12.810 (2.433)	71.110 (4.660)
F years older	-0.043 (0.056)	-0.243 (0.054)	-0.282 (0.029)	-0.054 (0.016)	-0.060 (0.024)
both male	1.918 (0.717)	2.432 (0.750)	0.665 (0.234)	1.033 (0.264)	1.988 (0.319)
both female	0.574 (0.688)	-0.501 (0.946)	-0.558 (0.342)	0.574 (0.234)	1.656 (0.490)
same relationship status	0.194 (0.523)	0.287 (0.587)	0.127 (0.182)	0.226 (0.215)	0.714 (0.300)
same region	2.534 (2.508)	0.248 (0.878)	0.595 (0.324)	-1.147 (0.874)	1.119 (0.353)
same city	-0.644 (2.474)	0.430 (0.952)	1.627 (0.356)	1.747 (0.749)	1.965 (0.465)
F tenure	0.336 (0.052)	0.952 (0.083)	1.241 (0.045)	0.368 (0.026)	0.340 (0.026)
same HS	-2.950 (0.627)	-1.766 (1.076)	-2.952 (0.270)	-0.656 (0.234)	-2.771 (0.524)
same college	1.986 (0.611)	1.833 (0.985)	0.093 (0.235)	0.889 (0.349)	2.187 (0.425)
same grad	-6.253 (6.773)	8.489 (1.892)	-0.464 (0.263)	1.190 (0.705)	3.440 (1.062)
(number of alter's friends/100) ¹	-0.096 (0.405)	0.002 (0.404)	0.327 (0.128)	-0.104 (0.189)	-0.655 (0.131)
(number of alter's friends/100) ²	-0.023 (0.048)	0.003 (0.042)	-0.039 (0.017)	0.006 (0.021)	0.040 (0.011)
(number of alter's friends/100) ³	0.001 (0.002)	0.000 (0.001)	0.001 (0.001)	0.000 (0.001)	-0.001 (0.000)
(number of alter's friends/100) ⁴	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
Constant	7.867335 (0.974)	3.857265 (1.137)	2.941191 (0.310)	1.074993 (0.565)	5.123682 (0.428)
N	53,348	51,392	596,162	110,445	206,638
R ²	0.4087621	0.2056909	0.2068666	0.109135	0.202744
rmse	25.17662	28.07405	24.64047	17.9854	27.86708
Number of Clusters	1571	1530	10369	1432	6793
Adjusted R ²	0.3906226	0.181038	0.1928041	0.0972917	0.175574
F	9.991496	13.70778	66.0332	16.69007	54.90059

Variable	JO: Jordan	JP: Japan	KR: South Korea	MX: Mexico	MY: Malaysia
pct tags	4.090 (5.786)	21.646 (4.500)	4.848 (4.768)	21.036 (1.662)	16.765 (1.998)
pct posts	9.837 (5.529)	2.850 (4.010)	16.846 (4.041)	14.135 (1.639)	7.008 (2.097)
pct mutual friends	58.369 (13.029)	22.010 (5.961)	25.854 (7.026)	79.789 (4.473)	33.568 (2.033)
F years older	-0.076 (0.101)	-0.305 (0.060)	-0.312 (0.081)	-0.021 (0.027)	-0.075 (0.016)
both male	-1.202 (1.512)	3.127 (0.903)	4.958 (1.132)	2.550 (0.345)	1.083 (0.177)
both female	-2.600 (1.326)	-1.149 (1.779)	-3.184 (1.757)	1.375 (0.436)	0.535 (0.173)
same relationship status	0.183 (0.762)	-0.163 (0.719)	-0.062 (0.795)	0.702 (0.296)	0.362 (0.141)
same region	17.592 (5.136)	1.447 (1.757)	-1.613 (3.724)	0.660 (0.483)	0.340 (0.208)
same city	-4.454 (3.887)	3.810 (1.795)	3.447 (3.860)	1.920 (0.515)	0.825 (0.219)
F tenure	0.891 (0.158)	1.046 (0.074)	1.369 (0.109)	0.773 (0.031)	0.530 (0.020)
same HS	-3.281 (1.584)	-10.229 (2.126)	-5.409 (1.549)	-0.615 (0.549)	-0.811 (0.200)
same college	2.286 (1.016)	-2.426 (1.260)	0.379 (1.080)	2.186 (0.431)	1.344 (0.207)
same grad	1.269 (2.862)	1.096 (2.565)	2.293 (2.171)	3.830 (2.186)	0.915 (0.492)
(number of alter's friends/100) ¹	-0.579 (0.455)	0.250 (0.477)	0.052 (0.500)	-0.620 (0.153)	-0.236 (0.081)
(number of alter's friends/100) ²	0.046 (0.050)	-0.011 (0.061)	-0.001 (0.060)	0.042 (0.016)	0.013 (0.008)
(number of alter's friends/100) ³	-0.002 (0.002)	0.000 (0.002)	-0.001 (0.002)	-0.001 (0.001)	0.000 (0.000)
(number of alter's friends/100) ⁴	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
Constant	-5.910634 (3.533)	7.728392 (1.153)	6.327915 (1.438)	2.413765 (0.413)	1.901066 (0.245)
N	25,260	68,014	42,954	277,695	835,378
R ²	0.2221733	0.3955809	0.339359	0.2247762	0.1873075
rmse	27.59114	30.98551	31.69199	28.6224	20.51277
Number of Clusters	757	2037	1690	9228	9364
Adjusted R ²	0.1975853	0.3767589	0.3120178	0.1980786	0.1780775
F	8.62435	19.85532	14.26406	124.9184	96.88696

Variable	NG: Nigeria	NL: Netherlands	NO: Norway	NZ: New Zealand	PE: Peru
pct tags	17.255 (5.815)	7.023 (1.396)	7.007 (1.237)	11.742 (2.932)	20.493 (2.568)
pct posts	-1.194 (5.061)	6.645 (1.573)	4.365 (2.161)	7.466 (3.122)	9.446 (2.681)
pct mutual friends	60.985 (10.453)	18.570 (2.338)	11.351 (1.026)	20.921 (5.306)	54.188 (5.195)
F years older	-0.041 (0.055)	-0.163 (0.019)	-0.029 (0.009)	-0.019 (0.033)	-0.182 (0.035)
both male	2.099 (0.908)	1.842 (0.251)	1.096 (0.120)	2.369 (0.516)	2.052 (0.438)
both female	2.307 (2.318)	1.519 (0.227)	1.863 (0.108)	1.465 (0.510)	0.951 (0.475)
same relationship status	0.790 (0.866)	0.157 (0.184)	-0.082 (0.092)	0.241 (0.424)	0.226 (0.339)
same region	0.088 (2.914)	1.494 (0.223)	1.044 (0.152)	-0.558 (1.022)	-0.412 (3.341)
same city	2.518 (2.866)	2.674 (0.315)	1.578 (0.183)	3.052 (1.046)	2.353 (2.800)
F tenure	0.981 (0.117)	0.855 (0.031)	0.497 (0.013)	0.662 (0.050)	1.157 (0.057)
same HS	-4.266 (1.814)	-2.399 (0.216)	-0.777 (0.102)	-3.344 (0.366)	-0.595 (0.663)
same college	0.112 (1.548)	1.256 (0.295)	1.591 (0.205)	1.933 (0.512)	0.964 (0.377)
same grad	-3.028 (1.782)	2.405 (0.665)	2.139 (0.389)	10.761 (2.920)	-1.337 (1.369)
(number of alter's friends/100) ¹	-0.226 (0.477)	0.005 (0.156)	-0.017 (0.081)	-0.069 (0.314)	-0.232 (0.217)
(number of alter's friends/100) ²	0.018 (0.053)	-0.015 (0.025)	-0.002 (0.010)	-0.016 (0.045)	0.022 (0.024)
(number of alter's friends/100) ³	-0.001 (0.002)	0.001 (0.001)	0.000 (0.000)	0.001 (0.002)	-0.001 (0.001)
(number of alter's friends/100) ⁴	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
Constant	4.215728 (1.439)	3.197804 (0.272)	0.7745904 (0.187)	4.026592 (0.644)	0.5074949 (1.905)
N	33,273	450,199	873,867	91,881	198,578
R ²	0.2966953	0.2476767	0.1566219	0.2203215	0.2180004
rmse	28.72851	24.75537	19.50743	26.05525	25.56704
Number of Clusters	1044	10880	12515	2733	4434
Adjusted R ²	0.2735291	0.2290151	0.1443512	0.1962654	0.2000704
F	9.814948	87.1554	166.7499	24.07117	46.62782

Variable	PH: Philippines	PK: Pakistan	PL: Poland	PT: Portugal	RO: Romania
pct tags	11.083 (1.662)	12.837 (2.824)	20.021 (2.572)	9.654 (2.339)	20.096 (2.585)
pct posts	7.300 (1.820)	3.445 (2.931)	10.603 (2.317)	8.075 (2.297)	11.542 (3.404)
pct mutual friends	26.677 (2.149)	27.439 (3.620)	38.796 (5.037)	52.135 (3.224)	58.762 (6.140)
F years older	-0.083 (0.016)	-0.137 (0.037)	0.096 (0.058)	-0.198 (0.021)	-0.126 (0.041)
both male	0.951 (0.204)	1.095 (0.524)	3.324 (0.559)	1.722 (0.277)	2.778 (0.525)
both female	0.554 (0.168)	0.123 (0.862)	0.721 (0.547)	1.204 (0.345)	0.460 (0.469)
same relationship status	0.398 (0.149)	-0.311 (0.339)	0.581 (0.459)	0.150 (0.240)	0.669 (0.385)
same region	0.309 (0.281)	-0.131 (0.847)	1.730 (0.989)	1.734 (0.312)	1.595 (1.498)
same city	0.538 (0.301)	3.196 (0.874)	1.980 (1.021)	0.821 (0.343)	1.735 (1.511)
F tenure	0.547 (0.023)	1.100 (0.062)	1.139 (0.080)	0.500 (0.028)	0.868 (0.060)
same HS	-2.495 (0.189)	-1.936 (0.587)	-2.724 (0.702)	-1.090 (0.404)	-3.031 (0.579)
same college	0.822 (0.151)	1.097 (0.536)	2.516 (0.631)	1.261 (0.317)	2.142 (0.619)
same grad	2.919 (0.663)	0.734 (0.431)	4.601 (5.021)	2.743 (1.651)	1.133 (1.819)
(number of alter's friends/100) ¹	-0.145 (0.099)	0.748 (0.230)	-0.116 (0.308)	-0.287 (0.148)	-0.077 (0.211)
(number of alter's friends/100) ²	0.012 (0.009)	-0.093 (0.032)	0.001 (0.040)	0.016 (0.015)	-0.005 (0.023)
(number of alter's friends/100) ³	0.000 (0.000)	0.003 (0.001)	0.000 (0.002)	0.000 (0.001)	0.000 (0.001)
(number of alter's friends/100) ⁴	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
Constant	2.294791 (0.286)	1.990864 (0.635)	2.412298 (0.643)	1.421548 (0.397)	0.6103032 (0.599)
N	753,391	182,227	79,835	268,258	121,216
R ²	0.1553456	0.2106342	0.1868943	0.1631282	0.2124571
rmse	20.66913	27.23301	28.89249	24.40762	25.33767
Number of Clusters	9044	4541	3403	5212	2633
Adjusted R ²	0.1450633	0.1903834	0.1505028	0.1464911	0.1948551
F	64.57078	32.50693	38.75514	60.41845	39.89819

Variable	RU: Russian Federation	SA: Saudi Arabia	SE: Sweden	TH: Thailand	TR: Turkey
pct tags	9.739 (7.279)	17.133 (4.333)	6.654 (1.193)	14.822 (2.480)	11.051 (1.073)
pct posts	11.655 (7.527)	7.036 (4.000)	5.351 (1.595)	15.315 (2.717)	5.671 (1.026)
pct mutual friends	39.823 (9.042)	21.314 (10.061)	27.814 (2.085)	30.097 (2.874)	46.841 (2.660)
F years older	-0.255 (0.096)	-0.288 (0.090)	-0.100 (0.013)	-0.011 (0.036)	0.007 (0.013)
both male	1.837 (1.248)	12.754 (1.612)	0.842 (0.188)	2.675 (0.348)	0.073 (0.166)
both female	-0.646 (1.724)	8.540 (2.068)	2.582 (0.169)	-0.238 (0.338)	2.221 (0.197)
same relationship status	-1.198 (1.129)	1.908 (0.899)	-0.144 (0.145)	0.405 (0.279)	0.345 (0.137)
same region	-7.643 (5.702)	2.799 (2.143)	2.021 (0.181)	4.324 (3.477)	1.596 (0.503)
same city	13.575 (5.783)	0.273 (2.227)	1.742 (0.236)	-3.409 (3.469)	1.000 (0.498)
F tenure	1.446 (0.143)	1.328 (0.121)	0.725 (0.019)	0.743 (0.039)	0.418 (0.015)
same HS	-9.632 (4.297)	-4.873 (1.761)	-1.352 (0.187)	-0.158 (0.405)	-1.305 (0.213)
same college	0.677 (2.438)	-0.434 (1.015)	1.669 (0.276)	0.428 (0.298)	2.550 (0.183)
same grad	-2.520 (3.270)	4.282 (3.801)	2.984 (1.173)	-1.163 (0.664)	4.083 (0.845)
(number of alter's friends/100) ¹	0.924 (0.611)	0.744 (0.479)	-0.144 (0.116)	-0.792 (0.184)	-0.271 (0.069)
(number of alter's friends/100) ²	-0.102 (0.071)	-0.087 (0.051)	0.008 (0.017)	0.074 (0.020)	0.009 (0.006)
(number of alter's friends/100) ³	0.004 (0.003)	0.002 (0.002)	0.000 (0.001)	-0.002 (0.001)	0.000 (0.000)
(number of alter's friends/100) ⁴	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
Constant	4.902671 (1.566)	1.04041 (1.718)	1.637161 (0.240)	3.905456 (0.488)	4.029048 (0.206)
N	34,111	41,408	557,176	331,379	838,252
R ²	0.2998372	0.3384831	0.1978454	0.2373254	0.1365263
rmse	32.24098	34.23345	23.69473	24.29862	26.78206
Number of Clusters	1078	1983	12443	5790	20571
Adjusted R ²	0.2766151	0.3049096	0.1794966	0.223722	0.1147848
F	10.40053	17.19844	154.7665	45.45	147.9733

Variable	TW: Taiwan	US: United States	VE: Venezuela	VN: Vietnam	ZA: South Africa
pct tags	12.033 (1.100)	8.240 (1.480)	17.752 (3.047)	19.412 (4.937)	14.504 (2.631)
pct posts	11.065 (1.289)	10.251 (1.952)	1.641 (2.654)	16.507 (4.270)	13.592 (2.670)
pct mutual friends	20.580 (1.403)	6.373 (1.174)	131.547 (10.650)	39.482 (6.989)	28.239 (4.304)
F years older	-0.133 (0.014)	-0.078 (0.008)	-0.197 (0.045)	0.098 (0.084)	-0.046 (0.025)
both male	1.939 (0.111)	1.190 (0.121)	3.791 (0.812)	0.660 (0.659)	2.024 (0.334)
both female	0.715 (0.178)	0.764 (0.107)	3.651 (0.933)	0.054 (0.633)	0.410 (0.369)
same relationship status	0.532 (0.101)	0.230 (0.089)	-0.550 (0.682)	0.428 (0.496)	0.199 (0.289)
same region	-0.396 (0.144)	1.143 (0.101)	-0.285 (3.176)	4.435 (5.682)	0.923 (0.343)
same city	1.773 (0.171)	2.252 (0.168)	3.112 (3.185)	-3.465 (5.669)	2.833 (0.427)
F tenure	0.761 (0.019)	0.346 (0.013)	0.853 (0.056)	0.847 (0.104)	0.625 (0.036)
same HS	-0.813 (0.149)	-2.116 (0.104)	3.016 (1.217)	-2.688 (0.826)	-4.815 (0.326)
same college	0.819 (0.117)	0.411 (0.123)	0.490 (1.062)	3.200 (0.688)	2.525 (0.560)
same grad	2.022 (0.323)	2.585 (0.523)	5.729 (6.255)	-4.399 (2.723)	2.812 (0.788)
(number of alter's friends/100) ¹	0.220 (0.076)	-0.029 (0.056)	-0.322 (0.348)	0.656 (0.280)	-0.734 (0.160)
(number of alter's friends/100) ²	-0.029 (0.010)	0.001 (0.006)	0.006 (0.036)	-0.088 (0.032)	0.053 (0.018)
(number of alter's friends/100) ³	0.001 (0.000)	0.000 (0.000)	0.000 (0.001)	0.003 (0.001)	-0.002 (0.001)
(number of alter's friends/100) ⁴	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
Constant	0.8808519 (0.175)	1.514258 (0.159)	2.512751 (1.004)	1.777194 (0.802)	4.184122 (0.424)
N	1,141,440	1,216,097	49,515	87,035	187,099
R ²	0.1458901	0.1302413	0.2122344	0.2310719	0.2023024
rmse	22.31294	17.94217	32.95666	24.67328	23.90096
Number of Clusters	20590	10876	2618	1596	4327
Adjusted R ²	0.1301869	0.1223801	0.1679552	0.2165522	0.1833414
F	183.8762	108.4516	39.09459	15.87206	56.21227

2.2 United States Job Survey

In August 2012 we sent a survey via Facebook to 12,263 users residing in the United States who had experienced what we call a “job transmission.” The response rate was 7.5% (922 respondents). In the survey we asked the following:

1. “What is the name of your current or last (most recent) employer?”
2. “Was anyone helpful in the process of getting a job at this employer?”
3. “Please list any person (friend, family member, acquaintance) who was helpful in the process of getting the job at the employer you listed in Question 1.”

64% of the respondents reported that someone was helpful in the process of getting a job (589 of 922). Only 312 people provided the name of their employer, and the first and last name of a helpful friend. For these people we attempted to match the survey-named employer to a Facebook-listed employer, and the survey-named friend to a Facebook-listed friend. We can only check the validity of our findings for those respondents where we can match the name provided to a Facebook friend, and the employer provided to a Facebook employer. That leaves us with 63 users who are connected to 7,497 friends on Facebook. The table below compares our job transmission variable to the survey reported helpful friend. Our outcome variable is a dyad-level variable, and at that level we correctly identified 98% of the dyads as either helpful (40) or not helpful (7,348). At the user-level we correctly identified at least one helpful friend for 63% of the users (40 of 63). The correlation between the survey measure and the proxy measure was approximately $\rho = 0.44$.

Table 7: Survey Report vs. Job Transmission Proxy (Alternative Sub-sample)

	Survey Not Helpful	Survey Helpful
Non-Job Transmission	7,348	22
Job Transmission	87	40

Table 11 shows that when we use the survey-based measure instead of our proxy measure in the regression analysis, we still find a positive and significant relationship between tie strength and job help. In fact the coefficients in the survey columns (2, 3) are larger than those in the proxy columns. Thus it appears that the use of our proxy for survey-reported job help tends to bias our coefficients toward zero. This suggests that a larger survey analysis might actually increase the strength of the results we obtain using the Facebook “job transmission” proxy for job help.

Table 8: Survey vs. Original Results from the United States Sample

	Proxy (org) 1	Survey (sub-sample) 2	Proxy (sub-sample) 3
Mean Job Help Outcome	2.03	1.69	0.83
pct tags	6.894*** (0.814)	15.434 (10.785)	14.538 (10.464)
pct posts	9.761*** (1.125)	38.894* (16.115)	13.037 (12.944)
pct mutual friends	7.534*** (0.718)	21.919** (6.642)	26.019* (9.893)
F years older	-0.888*** (0.085)	2.165** (0.667)	1.220 (0.730)
both male	0.879*** (0.073)	0.155 (0.407)	-0.396 (0.785)
both female	0.434*** (0.064)	0.310 (0.665)	0.475 (0.751)
F more educated	0.188* (0.080)	1.521 (0.938)	1.621 (1.005)
F less educated	-0.682*** (0.080)	0.152 (0.861)	1.675 (1.087)
both married	0.220 (0.152)	0.408 (0.771)	-1.347 (0.962)
same state	0.610*** (0.068)	0.166 (0.517)	0.842 (0.629)
same city	0.919*** (0.085)	0.216 (0.725)	-0.104 (0.640)
F tenure at employer	2.200*** (0.036)	0.386** (0.137)	1.703*** (0.358)
same high school	-2.350*** (0.080)	-0.609 (0.469)	-1.241 (0.691)
same college	0.112 (0.074)	0.153 (0.487)	0.792 (0.599)
same grad school	2.745*** (0.311)	2.882 (2.845)	6.141 (3.491)
(number of alter's friends/100) ¹	-0.108** (0.038)	-0.417 (0.414)	0.385 (0.453)
(number of alter's friends/100) ²	0.017*** (0.004)	0.049 (0.048)	-0.027 (0.053)
(number of alter's friends/100) ³	-0.001*** (0.000)	-0.002 (0.002)	0.000 (0.002)
(number of alter's friends/100) ⁴	0.000*** (0.000)	0.000 (0.000)	-0.000 (0.000)
constant	0.049 (0.112)	-0.761 (1.177)	-3.136 (1.583)
R ²	0.133	0.096	0.113
N	1,438,699	7,497	7,497

All coefficients multiplied by 100 for readability. All models include user-level fixed effect. Standard errors clustered at the user-level in parentheses. Each user's weights sum to 1. Legend: * $p < 0.05$; ** $p < 0.01$; *** $p < 0.001$

2.3 55 Country Job Survey

In March 2015 we ran a survey that was displayed as a banner on individuals Facebook page. There were 81,655 banner impressions in 55 countries and 3,766 people clicked on the banner/started the survey. If we only count the 2961 people who actually answered enough questions to be viable, then the response rate was 3.6%.

Figure 7: English Language Version of the Survey

Social networks and your life

Facebook researchers would like to understand more about your career and your social network. The survey will be used for academic purposes and will take 1-3 minutes.

[Continue](#)

2.3.1 Validating our outcome proxy

The main goal of our survey is to validate our job transmission proxy outcome variable with the following question:

Employer from your profile

In the past you listed Max Planck Institute for Evolutionary Anthropology on your Facebook profile as an employer. (This may or may not be your current employer.) One of your Facebook friends, James Fowler listed the same employer on his or her profile.

Did James Fowler help in your process of getting the job at Max Planck Institute for Evolutionary Anthropology? He or she may have given you information about the employer, told you about the job opening, helped you prepare for the interview, introduced you to people at the company, or done anything else you found helpful. (Your response is confidential and we won't contact this person.)

No, James Fowler didn't help

Yes, James Fowler helped

Individuals with only 1 transmitting tie (as per our proxy measure) were asked about that single tie, while those with 2+ transmitting ties were asked about 2 ties that were chosen randomly (however some of these people only answered about a single tie).¹

Of the 2,497 people who answered the question about a single tie only 29.8% (745/2,497) said “Yes, our identified tie helped”. For the 464 people who answered about 2 ties we identified at least one helpful tie correctly 20.6% of time.² So in total for 815 people we identified exactly 1 useful tie, and for 26 identified 2 useful ties; for the others we didnt ask about a tie that was correctly identified as helpful (this doesnt necessarily mean that one of the ties we could have potentially asked about may not have been helpful).

Additionally, we asked people to name any friend we didnt suggest who was helpful. We

¹Recall our measure of a job transmission is (1) that the user and friend work at the employer, (2) the friend started there at least 1 year before the user, (3) the user and friend have been friends for at least one year before they begin to work together.

²For 368 we didnt get a Yes for either tie; for 70 we got a Yes on one of two ties; for 26 we got a Yes on both ties we asked about.

Country	Abbreviation	Survey Respondents
United Arab Emirates	AE	19
Argentina	AR	40
Austria	AT	16
Australia	AU	92
Belgium	BE	34
Bulgaria	BG	9
Brazil	BR	289
Canada	CA	45
Switzerland	CH	20
Chile	CL	44
Colombia	CO	31
Costa Rica	CR	19
Czech Republic	CZ	15
Germany	DE	169
Denmark	DK	62
Dominican Republic	DO	6
Ecuador	EC	15
Egypt	EG	67
Spain	ES	27
Finland	FI	46
France	FR	120
United Kingdom	GB	34
Greece	GR	6
Hungary	HU	17
Indonesia	ID	44
Ireland	IE	16
Israel	IL	27
India	IN	395
Iceland	IS	21
Italy	IT	98
Jordan	JO	13
Japan	JP	13
South Korea	KR	12
Mexico	MX	76
Malaysia	MY	54
Nigeria	NG	7
Netherlands	NL	71
Norway	NO	101
NewZealand	NZ	14
Peru	PE	25
Philippines	PH	43
Pakistan	PK	51
Poland	PL	38
Portugal	PT	56
Romania	RO	27
Russian Federation	RU	13
Saudi Arabia	SA	13
Sweden	SE	100
Thailand	TH	35
Turkey	TR	168
Taiwan	TW	104
United States	US	30
Venezuela	VE	18
Vietnam	VN	11
South Africa	ZA	25
Total		2961

did this using a “friend selector” on Facebook, so that it would try to match the typed name to a current Facebook friend. 842 survey respondents named as helpful a friend using a Facebook “friend selector”. Of these 227 names a friend that we had identified as helpful, but had not randomly selected to ask about in the first question.

2.3.2 Why We Get It Right

For those who answered “Yes” to the first question above, they were then asked the following (not everyone responded).

How did James Fowler help? Select all that apply.

Referred or introduced me to people at the company

Told me about the job opening

Told me about the employer

Helped me prepare for the interview

Said good things about me to other employees

Created the job opening for me

Other (please describe)

Continue

The table below displays the method by which most individuals were helped by their friend. Most friends were told about an opening, being referred/introduced or “other”.

Table 9: Summary of responses with one response for each correctly identified dyad

Variable	N	Mean	SD
Told me about the job opening	802	0.41	0.49
Told me about the employer	802	0.36	0.48
Helped me prepare for the interview	802	0.18	0.38
Referred or introduced me to people at the company	802	0.41	0.49
Created the job opening for me	802	0.20	0.40
Said good things about me to other employees	802	0.31	0.46
Other	802	0.09	0.29

2.3.3 Why We Get It Wrong

If we mis-identified a tie as helpful, but the respondent said that person wasn't actually helpful they were asked the following:

You said that James Fowler didn't help. Why do you think you both ended up working at the same employer? Select all that apply.

I don't know

We have similar backgrounds, skills, or interests

This is a large employer in our area

We know someone there who helped us both

Other (please describe)

See the Table below for those who said the identified tie as not helpful, and who opted to respond to the follow up question. The main reason we mis-identify a tie as helpful when that person was not actually helpful is that this is a large employer in the area or two people have similar backgrounds/skills.

Table 10: Summary of responses with one response for each correctly identified dyad

Variable	N	Mean	SD
We know someone there who helped us both	2441	0.07	0.26
This is a large employer in our area	2441	0.39	0.49
We have similar backgrounds, skills, or interests	2441	0.35	0.48
I don't know	2441	0.19	0.39
Other	2441	0.14	0.35

In the survey we asked users about friends who we previously labeled as providing job help. In other words, we only tested dyads where job transmission is 1. Unfortunately, we are not able to ask survey-takers about friends that did not help find a job. Specifically, we did not ask “Here is a friend we think was not helpful in your job search. Was that person helpful?” We only asked the question in this form: “Here is a friend we think was helpful in your job search. Was that person helpful?” With this survey data precision can be calculated from the following table as 25% ($867/(2558+867)$).

We have shown with the survey that we are able to identify a helpful tie about 20-30% of the time using our proxy measure. We show that our results are stronger when we use the survey outcome instead of our proxy variable in the Table below. Using our proxy variable on the sub-sample of individuals who answered our survey a 1 unit increase in our independent variables pct. tag, pct. post or overlap implies a 43%-537% increase in the likelihood of a job transmission. In contrast using the survey based outcome variable a 1 unit increase implies a 738%-880% increase in the likelihood of reporting job help from that specific friend.

Also we can show that for specific types of job help (e.g. told about an opening, or referred) that our results are in the same direction using these outcomes rather than our proxy, however here the sample size gets too small for statistical significance in some cases. See below for details:

Table 11: Survey vs. Original Results from the Global Sample

	Proxy (original sample) 1	Survey (original sample) 2	Survey Opening (sub-sample) 3	Survey Referred (sub-sample) 4
pct tags	4.476*** (1.299)	3.789*** (0.801)	8.809*** (2.116)	5.707** (1.789)
pct posts	12.880** (3.750)	4.305* (1.771)	2.914 (3.497)	0.874 (3.043)
pct mutual friends	19.835*** (3.614)	4.437** (1.639)	7.145 (3.937)	5.504 (3.242)
F years older	-0.041 (0.024)	0.050*** (0.012)	0.064* (0.029)	0.060* (0.029)
both male	1.212*** (0.296)	0.595*** (0.139)	0.601* (0.300)	0.585* (0.287)
both female	0.628 (0.534)	0.091 (0.215)	0.160 (0.615)	-0.129 (0.517)
same relationship status	0.479 (0.265)	0.072 (0.119)	-0.021 (0.283)	-0.090 (0.187)
same region	0.628 (0.534)	0.129 (0.194)	0.065 (0.522)	-0.354 (0.432)
same city	2.039*** (0.473)	0.963*** (0.238)	1.231 (0.630)	1.814** (0.555)
F tenure at employer	0.448*** (0.035)	0.032* (0.013)	0.035 (0.037)	0.069* (0.034)
same high school	-2.010*** (0.400)	0.105 (0.213)	-0.503 (0.433)	-0.123 (0.343)
same college	0.923* (0.400)	0.276 (0.184)	0.491 (0.456)	0.379 (0.387)
same grad school	0.459 (0.764)	-0.139 (0.421)	-0.745 (0.464)	-0.888 (0.454)
(number of alter's friends/100) ¹	-0.146 (0.154)	-0.041 (0.070)	-0.142 (0.136)	-0.045 (0.133)
(number of alter's friends/100) ²	0.006 (0.015)	0.002 (0.007)	0.013 (0.013)	0.001 (0.012)
(number of alter's friends/100) ³	-0.000 (0.000)	-0.000 (-0.000)	-0.000 (-0.000)	0.000 (-0.000)
(number of alter's friends/100) ⁴	0.000 (0.000)	-0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
constant	1.728*** (0.437)	-0.252 (0.199)	0.128 (0.091)	-0.088 (0.079)
R ²	0.114	0.085	0.091	0.065
N	178,118	178,118	46,487	46,487

The **Survey Opening** dependent variable takes the value 1 if a survey respondent said that a friend "Told me about the job opening"; the **Survey Referred** variable takes the value 1 if a survey respondent said that a friend "Referred or introduced me to people at the company".

All coefficients multiplied by 100 for readability. All models include user-level fixed effect. Standard errors clustered at the user-level in parentheses. Each user's weights sum to 1.

Legend: * $p < 0.05$; ** $p < 0.01$; *** $p < 0.001$

2.3.4 Portuguese Language Version of the Survey

Figure 8: Portuguese Language Version of the Survey

Tus redes sociales y tu vida

Los investigadores de Facebook desean conocer mejor tu trayectoria profesional y tu red social. La encuesta se utilizará únicamente para fines académicos y no se tarda más de tres minutos en contestarla.

Empresa de tu perfil

Anteriormente has incluido Max Planck Institute for Evolutionary Anthropology en tu perfil de Facebook como empresa (puede ser la empresa en la que trabajas actualmente o no). Uno de tus amigos de Facebook, James Fowler, ha incluido la misma empresa en su perfil.

¿Te ha ayudado James Fowler a conseguir el puesto de trabajo en Max Planck Institute for Evolutionary Anthropology? Es posible que esta persona te haya proporcionado información sobre la empresa, te haya avisado de la vacante, te haya ayudado a preparar la entrevista, te haya presentado a algunas personas de la empresa o haya hecho cualquier otra cosa que te haya resultado útil. (Tu respuesta es confidencial; no nos pondremos en contacto con ella.)

No, James Fowler no me ha ayudado

Sí, James Fowler me ha ayudado

Has dicho que James Fowler no te ha ayudado. ¿Por qué crees que ambos habéis acabado trabajando en la misma empresa? Selecciona todas las opciones que correspondan.

<input type="checkbox"/>	No lo sé
<input type="checkbox"/>	Tenemos una formación, habilidades o intereses similares
<input type="checkbox"/>	Es una empresa que da trabajo a muchas personas en nuestra zona
<input type="checkbox"/>	Conocemos a alguien en la empresa que nos ha ayudado a ambos
<input type="checkbox"/>	Otros (especifica) <input type="text"/>

Continuar

¿Cómo te ha ayudado James Fowler? Selecciona todas las opciones que correspondan.

<input type="checkbox"/>	Ha dado referencias mías o me ha presentado a algunas personas de la empresa
<input type="checkbox"/>	Me ha avisado de la vacante
<input type="checkbox"/>	Me ha hablado de la empresa
<input type="checkbox"/>	Me ha ayudado a preparar la entrevista
<input type="checkbox"/>	Ha hablado bien de mí a otros empleados
<input type="checkbox"/>	Ha creado la vacante para mí
<input type="checkbox"/>	Otros (especifica) <input type="text"/>

Continuar

¿Quién más te ha ayudado?

Piensa en la persona que te ha ayudado a conseguir el puesto de trabajo en Max Planck Institute for Evolutionary Anthropology. (Tu respuesta es confidencial; no nos pondremos en contacto con ella.) Si dicha persona es amiga tuya en Facebook:

¿Cómo se llama esta persona?

Escribe un nombre

¿Cómo te ha ayudado esta persona? Selecciona todas las opciones que correspondan.

Ha dado referencias mías o me ha presentado a algunas personas de la empresa

Me ha avisado de la vacante

Me ha hablado de la empresa

Me ha ayudado a preparar la entrevista

Ha hablado bien de mí a otros empleados

Ha creado la vacante para mí

Otros (especifica)

Continuar

2.4 Non-linear Models

We want to find the relationship between the propensity that user i is helped by friend k (J_{ik}) and tie strength (T_{ik}). One might believe there is a non-monotonic relationship between job transmission and tie strength. To test whether the relationship is approximately linear we created categories of our tie strength measures. The categories for percentage of tags with a friend were: 0% posts with that friend, above 0% and up to 2%, above 2% and up to 7%, above 7% and up to 20%, and above 20% of tags with that friend. For percentage of posts with a friend the categories were: 0% posts with that friend, above 0% and up to 2%, above 2% and up to 4%, above 4% and up to 10%, and above 10% of posts with that friend. For mutual friends scaled by total possible mutual friends the categories were: 0% shared friends, above 0% and up to 1%, above 1% and up to 3%, above 3% and up to 7%, and above 7% shared friends. We created dummy variables that took the value 1 when a friendship was characterized by one of these categories and zero otherwise. For example, a friendship where the user spent 10% of her time tagging that friend would have the following:

- Value 0; Category 1: 0% posts with that friend
- Value 0; Category 2: above 0% up to 2% posts with that friend
- Value 0; Category 3: above 2% up to 7% posts with that friend
- Value 1; Category 4: above 7% up to 20% posts with that friend
- Value 0; Category 5: above 20% posts with that friend

We then ran a regression where the left hand side variable was job transmission, and the right hand side variables were the same controls (both male, both female, etc.) and the categories of the tie strength measures excluding the 0% category for all three tie strength measures. We then

plotted these coefficients from these models and found that the relationship between tie strength and job transmission is roughly linear for most of the 55 countries.

Additionally, the dependent variable takes the values zero or one, so we note that a logit model might be appropriate. However, we are most interested in the average probability of job transmission, and the coefficients from the linear model are more easily interpreted. So, we ignore the special nature of the dependent variable and report the results from the linear model in text. Here, we show the logistic regression results for each country where we again measure the association between tie strength measures (tags, posts, and mutual friends) and job transmission net of fixed effects (which control for all individual characteristics) and several controls for homophily.

2.5 Model Details

We assume that the likelihood that a friend k transmits a job to a user i is determined by characteristics that vary by user and friend. We can write that relationship as follows: $V_{ik} = v_{ik} + \epsilon_{ik}$ $V_{ik} = c + \beta T_{ik} + \alpha X_{ik} + \eta E_i + \epsilon_{ik}$ Let c be a constant, T_{ik} be a vector of tie strength variables, X_{ik} be a vector of dyad control variables, E_i be a user-level fixed effect and ϵ_{ik} be the error term. Let F_i denote the set of friends that user i has. If we assume that the error terms follow an extreme value distribution, the probability that a user is transmitted a job from friend k can

be expressed as: $P_{ik} = \frac{e^{v_{ik}}}{\sum_{m \in F_i} e^{v_{mk}}}$

2.6 Logistic Regression Graphical Results

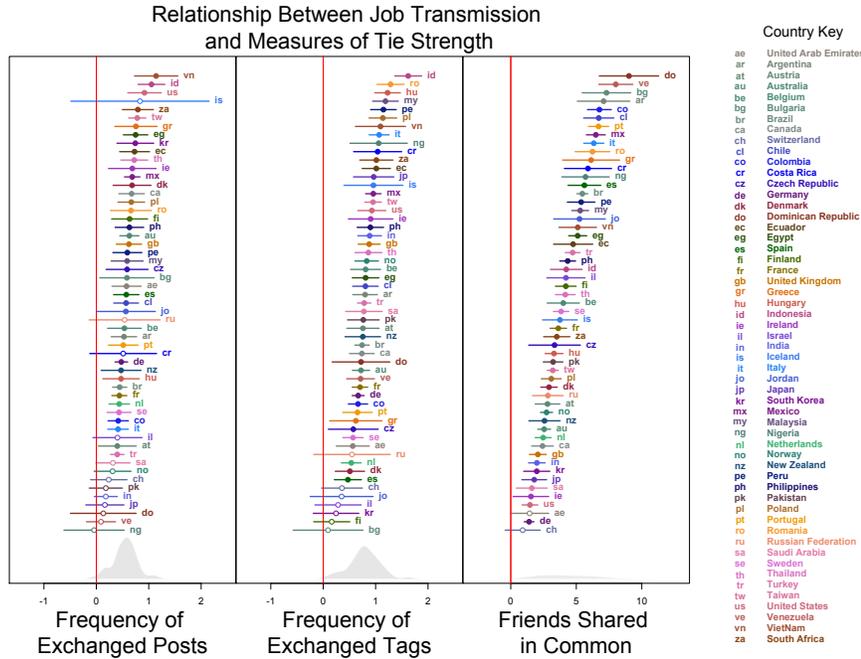


Figure 9: This plot is similar to Figure 2, which is presented in the main manuscript. This figure is based on coefficients from 55 logistic regressions instead of 55 linear models. The probability of a job transmission is increasing in tie strength across 55 countries. Each point shows the estimated coefficient from within-subject fixed effects regressions of job transmission on tie strength plus numerous controls for homophily (see SOM). These coefficients correspond to the percentage increase in probability of job transmission if we change a friend from being the weakest tie to the strongest possible tie. Horizontal lines indicate 95% confidence intervals, and the country code is indicated to the right (see key). All coefficients are positive and most are significantly different from zero (insignificant results indicated by an open circle). Tie strength measures include past-year frequency of “wall” posts made between two users as a fraction of all their wall posts (left column); past-year frequency of photo tags made between two users as a fraction of all their photo tags (middle column); and number of friends shared in common between two users as a proportion of all their friends (right column).

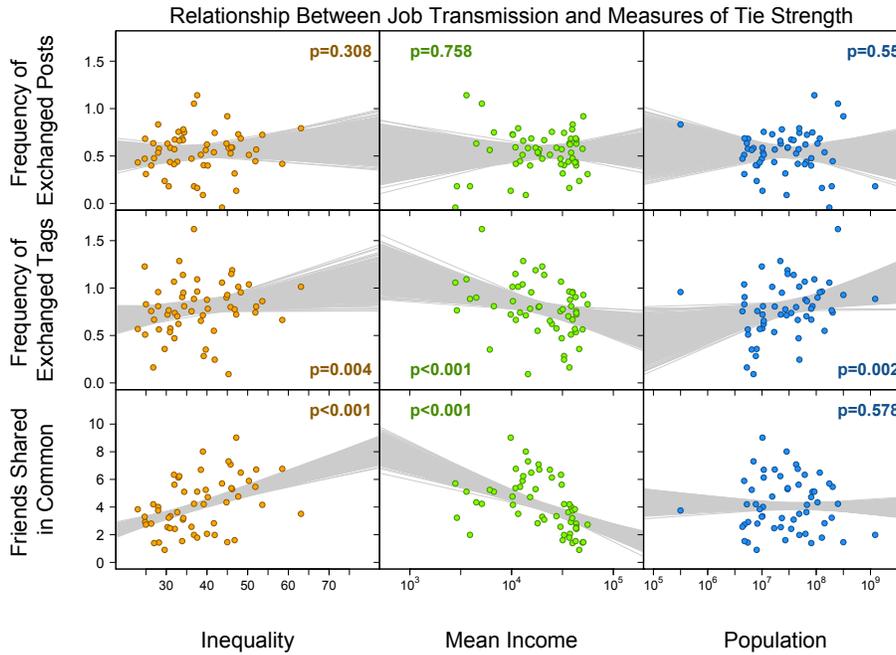


Figure 10: This plot is similar to Figure 3, which is presented in the main manuscript. This figure is based on coefficients from 55 logistic regressions instead of 55 linear models. People rely more on strong ties for job help in countries with greater inequality. Coefficients from regressions of job transmission on tie strength are compared to measures of inequality (Gini coefficient), mean income per capita, and population, all measured in 2013. Gray lines indicate 95% confidence regions from 1000 simulated regressions that incorporate uncertainty in the country-level regressions (see below for more details). In each simulated regression we draw each country point from the distribution of regression coefficients implied by the estimate and standard error for that country and measure of tie strength. P values indicate the simulated probability that there is no relationship between tie strength and the other variable. Below, we show in multivariate regressions that the relationship with inequality is robust to inclusion of several control variables.

2.7 Full Country Results for Logistic Regression

The sign and significance of the logistic regression models in the country tables below are similar to those reported from the linear models above.

Table 12: Full Logistic Regression Results for 55 Country Models

Variable	AE: United Arab Emirates	AR: Argentina	AT: Austria	AU: Australia	BE: Belgium
pct tags	0.564 (0.161)	0.800 (0.120)	0.758 (0.157)	0.721 (0.084)	0.809 (0.146)
pct posts	0.576 (0.142)	0.527 (0.124)	0.400 (0.184)	0.630 (0.094)	0.535 (0.164)
pct mutual friends	1.435 (0.742)	7.082 (1.022)	2.803 (0.478)	2.547 (0.252)	4.008 (0.628)
F years older	-0.009 (0.007)	-0.013 (0.004)	-0.012 (0.005)	-0.005 (0.002)	-0.023 (0.004)
both male	0.263 (0.100)	0.246 (0.072)	0.589 (0.069)	0.313 (0.036)	0.301 (0.052)
both female	0.296 (0.123)	0.364 (0.077)	0.244 (0.069)	0.177 (0.032)	0.259 (0.054)
same relationship status	-0.044 (0.073)	0.031 (0.057)	-0.005 (0.050)	0.005 (0.025)	-0.053 (0.040)
same region	1.613 (1.039)	0.007 (0.085)	0.086 (0.071)	0.294 (0.037)	0.060 (0.050)
same city	-1.677 (1.017)	0.214 (0.094)	0.240 (0.085)	0.216 (0.037)	0.365 (0.060)
F tenure	0.098 (0.010)	0.052 (0.004)	0.076 (0.005)	0.057 (0.002)	0.069 (0.004)
same HS	-0.126 (0.159)	-0.126 (0.102)	-0.234 (0.073)	-0.653 (0.036)	-0.675 (0.076)
same college	-0.229 (0.127)	0.587 (0.092)	0.785 (0.111)	0.297 (0.046)	0.359 (0.068)
same grad	0.563 (0.252)	0.497 (0.553)	-0.754 (0.901)	0.587 (0.121)	0.225 (0.128)
(number of alter's friends/100) ¹	-0.041 (0.049)	0.012 (0.032)	-0.109 (0.044)	0.019 (0.019)	-0.088 (0.029)
(number of alter's friends/100) ²	-0.001 (0.007)	-0.007 (0.004)	0.019 (0.007)	-0.005 (0.003)	0.008 (0.004)
(number of alter's friends/100) ³	0.000 (0.000)	0.000 (0.000)	-0.001 (0.000)	0.000 (0.000)	0.000 (0.000)
(number of alter's friends/100) ⁴	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
N	30033	57688	114428	597101	220803
R ²	0.049	0.091	0.050	0.043	0.051
χ ²	217.243	572.890	682.374	2155.882	834.154

Table 13: Full Logistic Regression Results for 55 Country Models

Variable	BG: Bulgaria	BR: Brazil	CA: Canada	CH: Switzerland	CL: Chile
pct tags	0.093 (0.340)	0.742 (0.070)	0.737 (0.121)	0.358 (0.199)	0.806 (0.125)
pct posts	0.584 (0.264)	0.445 (0.069)	0.673 (0.124)	0.237 (0.177)	0.568 (0.121)
pct mutual friends	7.304 (0.945)	5.462 (0.214)	2.423 (0.423)	0.905 (0.683)	6.712 (0.589)
F years older	-0.016 (0.008)	-0.026 (0.002)	-0.012 (0.002)	-0.005 (0.005)	-0.013 (0.003)
both male	0.287 (0.119)	0.222 (0.027)	0.267 (0.042)	0.391 (0.075)	0.312 (0.059)
both female	0.335 (0.121)	0.091 (0.031)	0.247 (0.042)	0.214 (0.094)	0.229 (0.057)
same relationship status	-0.104 (0.089)	-0.003 (0.022)	0.021 (0.031)	0.028 (0.056)	0.111 (0.044)
same region	-0.449 (0.545)	0.269 (0.037)	0.401 (0.050)	0.182 (0.079)	0.163 (0.111)
same city	0.876 (0.552)	0.210 (0.032)	0.409 (0.038)	0.181 (0.088)	0.151 (0.115)
F tenure	0.069 (0.008)	0.082 (0.002)	0.063 (0.002)	0.083 (0.005)	0.070 (0.003)
same HS	-0.688 (0.236)	-0.411 (0.050)	-0.445 (0.041)	-0.037 (0.112)	-0.467 (0.073)
same college	0.137 (0.154)	0.282 (0.029)	0.418 (0.048)	0.142 (0.115)	0.361 (0.062)
same grad	0.261 (0.438)	0.359 (0.092)	0.661 (0.192)	0.120 (0.303)	0.490 (0.315)
(number of alter's friends/100) ¹	0.062 (0.088)	0.099 (0.017)	-0.003 (0.025)	0.108 (0.052)	0.015 (0.031)
(number of alter's friends/100) ²	-0.013 (0.013)	-0.015 (0.002)	0.000 (0.003)	-0.019 (0.009)	-0.006 (0.004)
(number of alter's friends/100) ³	0.001 (0.001)	0.001 (0.000)	0.000 (0.000)	0.001 (0.000)	0.000 (0.000)
(number of alter's friends/100) ⁴	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
N	24647	905734	431223	80174	146201
R ²	0.065	0.060	0.047	0.042	0.073
χ ²	228.551	3563.868	1596.816	479.788	944.901

Variable	CO: Colombia	CR: Costa Rica	CZ: Czech Republic	DE: Germany	DK: Denmark
pct tags	0.664 (0.094)	1.039 (0.234)	0.575 (0.243)	0.667 (0.058)	0.509 (0.142)
pct posts	0.418 (0.099)	0.512 (0.325)	0.587 (0.204)	0.477 (0.061)	0.682 (0.184)
pct mutual friends	6.763 (0.462)	5.892 (0.919)	3.339 (1.005)	1.395 (0.191)	2.919 (0.319)
F years older	-0.021 (0.003)	-0.014 (0.007)	-0.010 (0.009)	-0.015 (0.002)	-0.011 (0.002)
both male	0.383 (0.049)	0.071 (0.111)	0.434 (0.123)	0.336 (0.027)	0.247 (0.037)
both female	0.175 (0.056)	0.402 (0.125)	0.446 (0.123)	0.245 (0.027)	0.471 (0.032)
same relationship status	0.122 (0.039)	0.017 (0.089)	0.261 (0.088)	-0.011 (0.019)	-0.042 (0.024)
same region	-0.767 (0.401)	-0.148 (0.137)	0.486 (0.145)	0.294 (0.026)	0.332 (0.031)
same city	0.863 (0.402)	0.213 (0.136)	0.235 (0.148)	0.367 (0.029)	0.264 (0.038)
F tenure	0.080 (0.003)	0.067 (0.007)	0.105 (0.011)	0.085 (0.002)	0.076 (0.002)
same HS	-0.034 (0.065)	-0.473 (0.144)	-0.001 (0.151)	-0.409 (0.028)	-0.593 (0.043)
same college	0.402 (0.057)	0.283 (0.118)	0.358 (0.184)	0.575 (0.044)	0.493 (0.049)
same grad	-0.078 (0.288)	-2.237 (1.060)	0.554 (0.298)	0.008 (0.193)	0.445 (0.105)
(number of alter's friends/100) ¹	0.052 (0.024)	0.071 (0.080)	-0.117 (0.096)	-0.061 (0.018)	0.022 (0.025)
(number of alter's friends/100) ²	-0.008 (0.003)	-0.014 (0.013)	0.013 (0.018)	0.005 (0.003)	-0.004 (0.004)
(number of alter's friends/100) ³	0.000 (0.000)	0.001 (0.001)	0.000 (0.001)	0.000 (0.000)	0.000 (0.000)
(number of alter's friends/100) ⁴	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
N	124512	36837	16039	594416	696974
R ²	0.087	0.058	0.083	0.055	0.052
χ ²	1309.554	247.027	247.222	3872.964	3360.944

Variable	DO: Dominican Republic	EC: Ecuador	EG: Egypt	ES: Spain	FI: Finland
pct tags	0.721 (0.281)	1.013 (0.137)	0.809 (0.129)	0.471 (0.132)	0.163 (0.175)
pct posts	0.133 (0.319)	0.729 (0.145)	0.749 (0.119)	0.571 (0.123)	0.635 (0.175)
pct mutual friends	9.020 (1.155)	4.760 (0.762)	5.105 (0.353)	5.617 (0.638)	4.201 (0.403)
F years older	-0.016 (0.008)	-0.015 (0.006)	-0.029 (0.005)	0.000 (0.004)	-0.013 (0.004)
both male	0.432 (0.125)	0.477 (0.100)	0.006 (0.062)	0.110 (0.069)	0.285 (0.064)
both female	0.127 (0.146)	-0.030 (0.097)	-0.096 (0.071)	0.251 (0.083)	0.561 (0.052)
same relationship status	-0.031 (0.097)	0.024 (0.074)	0.021 (0.038)	-0.010 (0.055)	0.043 (0.042)
same region	1.145 (0.859)	0.367 (0.220)	0.841 (0.684)	0.540 (0.080)	0.209 (0.049)
same city	-0.875 (0.855)	-0.133 (0.217)	-0.751 (0.685)	0.083 (0.075)	0.377 (0.049)
F tenure	0.054 (0.006)	0.070 (0.005)	0.085 (0.005)	0.056 (0.005)	0.083 (0.004)
same HS	0.482 (0.130)	0.224 (0.099)	-0.528 (0.106)	-0.492 (0.116)	-0.342 (0.067)
same college	0.369 (0.138)	0.627 (0.084)	0.353 (0.047)	0.282 (0.086)	0.449 (0.060)
same grad	0.148 (0.740)	1.099 (0.465)	0.776 (0.182)	0.361 (0.320)	0.796 (0.199)
(number of alter's friends/100) ¹	-0.044 (0.064)	-0.063 (0.044)	0.071 (0.028)	0.028 (0.038)	-0.058 (0.039)
(number of alter's friends/100) ²	0.004 (0.008)	0.008 (0.006)	-0.009 (0.004)	-0.007 (0.005)	0.006 (0.007)
(number of alter's friends/100) ³	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
(number of alter's friends/100) ⁴	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
N	28791	61652	234597	55901	180202
R ²	0.100	0.097	0.055	0.070	0.066
χ ²	255.453	562.484	855.158	485.149	1249.227

Variable	FR: France	GB: United Kingdom	GR: Greece	HU: Hungary	ID: Indonesia
pct tags	0.703 (0.075)	0.877 (0.107)	0.622 (0.255)	1.228 (0.124)	1.622 (0.131)
pct posts	0.439 (0.073)	0.622 (0.123)	0.755 (0.206)	0.471 (0.177)	1.052 (0.130)
pct mutual friends	3.629 (0.319)	2.063 (0.328)	6.132 (1.109)	3.299 (0.349)	4.234 (0.615)
F years older	-0.010 (0.003)	-0.007 (0.002)	-0.002 (0.006)	-0.021 (0.003)	-0.004 (0.003)
both male	0.325 (0.037)	0.286 (0.045)	0.037 (0.107)	0.438 (0.050)	0.659 (0.043)
both female	0.222 (0.037)	0.287 (0.037)	0.465 (0.126)	-0.031 (0.049)	0.357 (0.052)
same relationship status	-0.011 (0.027)	-0.038 (0.032)	0.148 (0.082)	-0.018 (0.038)	0.090 (0.033)
same region	0.284 (0.031)	0.129 (0.051)	-0.031 (0.295)	0.280 (0.079)	0.071 (0.093)
same city	0.223 (0.040)	0.469 (0.046)	0.091 (0.293)	0.125 (0.086)	0.162 (0.098)
F tenure	0.073 (0.003)	0.054 (0.002)	0.043 (0.005)	0.072 (0.003)	0.062 (0.002)
same HS	-0.443 (0.045)	-0.743 (0.044)	0.134 (0.247)	-0.433 (0.068)	-0.040 (0.065)
same college	0.503 (0.045)	0.032 (0.056)	0.481 (0.143)	0.225 (0.080)	0.427 (0.055)
same grad	-0.009 (0.155)	0.468 (0.136)	0.953 (0.480)	0.467 (0.094)	0.081 (0.285)
(number of alter's friends/100) ¹	-0.051 (0.018)	-0.036 (0.025)	-0.024 (0.048)	-0.021 (0.033)	-0.028 (0.017)
(number of alter's friends/100) ²	0.002 (0.002)	0.000 (0.004)	0.002 (0.005)	-0.003 (0.005)	0.001 (0.002)
(number of alter's friends/100) ³	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
(number of alter's friends/100) ⁴	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
N	344482	560043	37060	271497	1293419
R ²	0.055	0.040	0.065	0.051	0.067
χ ²	1895.694	1655.622	236.843	1176.260	2250.971

Variable	IE: Ireland	IL: Israel	IN: India	IS: Iceland	IT: Italy
pct tags	0.905 (0.217)	0.284 (0.225)	0.886 (0.115)	0.958 (0.287)	1.067 (0.097)
pct posts	0.687 (0.232)	0.403 (0.239)	0.181 (0.112)	0.833 (0.673)	0.414 (0.100)
pct mutual friends	1.538 (0.691)	4.210 (0.741)	1.989 (0.323)	3.752 (0.678)	6.334 (0.391)
F years older	-0.003 (0.007)	-0.026 (0.006)	-0.035 (0.004)	-0.013 (0.004)	-0.007 (0.003)
both male	0.297 (0.111)	0.332 (0.102)	0.099 (0.042)	0.313 (0.081)	0.302 (0.046)
both female	0.121 (0.104)	-0.044 (0.110)	-0.094 (0.061)	0.218 (0.091)	0.194 (0.053)
same relationship status	0.013 (0.077)	0.015 (0.072)	0.012 (0.029)	0.080 (0.066)	0.076 (0.035)
same region	0.416 (0.423)	0.011 (0.104)	0.105 (0.050)	-0.493 (0.420)	0.158 (0.045)
same city	-0.123 (0.419)	0.041 (0.114)	0.242 (0.053)	0.680 (0.393)	0.206 (0.052)
F tenure	0.040 (0.005)	0.083 (0.006)	0.118 (0.005)	0.073 (0.004)	0.034 (0.002)
same HS	-0.542 (0.121)	-0.188 (0.124)	-0.673 (0.067)	-0.187 (0.080)	-0.392 (0.077)
same college	0.397 (0.103)	0.276 (0.136)	0.039 (0.041)	0.271 (0.094)	0.373 (0.059)
same grad	-0.552 (0.632)	1.244 (0.191)	-0.046 (0.058)	0.341 (0.194)	0.461 (0.131)
(number of alter's friends/100) ¹	0.054 (0.080)	0.011 (0.055)	0.088 (0.024)	0.029 (0.060)	-0.045 (0.022)
(number of alter's friends/100) ²	-0.016 (0.013)	-0.001 (0.007)	-0.013 (0.004)	-0.005 (0.007)	0.001 (0.002)
(number of alter's friends/100) ³	0.001 (0.001)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
(number of alter's friends/100) ⁴	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
N	53265	51383	596121	110443	206584
R ²	0.034	0.049	0.047	0.038	0.051
χ ²	167.844	274.680	1035.187	443.299	1050.924

Variable	JO: Jordan	JP: Japan	KR: South Korea	MX: Mexico	MY: Malaysia
pct tags	0.352 (0.306)	0.963 (0.196)	0.245 (0.222)	0.956 (0.076)	1.188 (0.125)
pct posts	0.563 (0.287)	0.163 (0.185)	0.744 (0.179)	0.685 (0.075)	0.587 (0.156)
pct mutual friends	5.246 (1.006)	1.789 (0.483)	1.982 (0.510)	6.489 (0.370)	5.297 (0.327)
F years older	-0.003 (0.011)	-0.036 (0.006)	-0.027 (0.008)	-0.001 (0.003)	-0.012 (0.003)
both male	-0.119 (0.187)	0.286 (0.094)	0.483 (0.117)	0.317 (0.040)	0.254 (0.041)
both female	-0.352 (0.189)	-0.100 (0.153)	-0.269 (0.154)	0.173 (0.046)	0.173 (0.043)
same relationship status	0.009 (0.096)	-0.035 (0.066)	0.006 (0.069)	0.089 (0.032)	0.088 (0.033)
same region	4.193 (0.934)	0.163 (0.166)	-0.075 (0.354)	0.090 (0.059)	0.073 (0.051)
same city	-0.481 (0.391)	0.337 (0.169)	0.228 (0.365)	0.221 (0.060)	0.175 (0.052)
F tenure	0.069 (0.013)	0.095 (0.006)	0.100 (0.008)	0.065 (0.002)	0.075 (0.002)
same HS	-0.515 (0.226)	-1.244 (0.283)	-0.545 (0.170)	-0.018 (0.057)	-0.160 (0.048)
same college	0.348 (0.122)	-0.217 (0.109)	0.047 (0.106)	0.288 (0.050)	0.393 (0.049)
same grad	0.131 (0.304)	0.197 (0.211)	0.264 (0.215)	0.385 (0.184)	0.280 (0.119)
(number of alter's friends/100) ¹	-0.006 (0.077)	0.049 (0.052)	0.006 (0.059)	-0.013 (0.019)	0.014 (0.020)
(number of alter's friends/100) ²	-0.004 (0.012)	-0.004 (0.008)	0.001 (0.009)	-0.003 (0.002)	-0.004 (0.002)
(number of alter's friends/100) ³	0.000 (0.001)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
(number of alter's friends/100) ⁴	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
N	25253	67893	42891	277656	835351
R ²	0.056	0.069	0.060	0.095	0.061
χ ²	147.607	366.254	235.223	2111.747	2331.560

Variable	NG: Nigeria	NL: Netherlands	NO: Norway	NZ: New Zealand	PE: Peru
pct tags	1.057 (0.279)	0.536 (0.097)	0.829 (0.114)	0.755 (0.173)	1.149 (0.124)
pct posts	-0.043 (0.293)	0.437 (0.099)	0.310 (0.179)	0.472 (0.194)	0.592 (0.141)
pct mutual friends	5.702 (0.922)	2.471 (0.310)	2.728 (0.236)	2.573 (0.608)	5.369 (0.536)
F years older	-0.002 (0.006)	-0.023 (0.003)	-0.006 (0.002)	-0.002 (0.004)	-0.016 (0.004)
both male	0.338 (0.125)	0.319 (0.041)	0.334 (0.036)	0.365 (0.074)	0.290 (0.063)
both female	0.186 (0.246)	0.268 (0.038)	0.511 (0.029)	0.215 (0.076)	0.211 (0.073)
same relationship status	0.076 (0.092)	0.016 (0.029)	-0.041 (0.024)	0.010 (0.059)	0.025 (0.050)
same region	0.011 (0.425)	0.260 (0.036)	0.310 (0.037)	-0.063 (0.157)	-0.088 (0.628)
same city	0.296 (0.419)	0.361 (0.043)	0.349 (0.039)	0.403 (0.158)	0.401 (0.539)
F tenure	0.077 (0.008)	0.084 (0.003)	0.077 (0.002)	0.063 (0.005)	0.097 (0.005)
same HS	-0.604 (0.301)	-0.489 (0.045)	-0.219 (0.031)	-0.629 (0.072)	-0.092 (0.091)
same college	0.075 (0.207)	0.252 (0.049)	0.394 (0.044)	0.319 (0.081)	0.202 (0.063)
same grad	-0.439 (0.307)	0.398 (0.101)	0.511 (0.088)	0.946 (0.207)	-0.087 (0.264)
(number of alter's friends/100) ¹	0.038 (0.056)	0.016 (0.029)	0.037 (0.024)	0.023 (0.052)	0.020 (0.034)
(number of alter's friends/100) ²	-0.005 (0.007)	-0.007 (0.005)	-0.007 (0.004)	-0.008 (0.009)	-0.004 (0.005)
(number of alter's friends/100) ³	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
(number of alter's friends/100) ⁴	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
N	33251	450050	873817	91858	198564
R ²	0.065	0.050	0.056	0.050	0.083
χ ²	185.596	1605.460	4126.880	456.105	857.308

Variable	PH: Philippines	PK: Pakistan	PL: Poland	PT: Portugal	RO: Romania
pct tags	0.900 (0.128)	0.765 (0.154)	1.138 (0.135)	0.654 (0.144)	1.285 (0.132)
pct posts	0.632 (0.139)	0.181 (0.161)	0.667 (0.130)	0.514 (0.145)	0.660 (0.199)
pct mutual friends	4.342 (0.308)	3.227 (0.381)	3.090 (0.386)	6.696 (0.394)	6.235 (0.673)
F years older	-0.014 (0.003)	-0.012 (0.004)	0.011 (0.005)	-0.030 (0.003)	-0.016 (0.006)
both male	0.202 (0.044)	0.156 (0.091)	0.414 (0.067)	0.326 (0.049)	0.408 (0.080)
both female	0.148 (0.040)	-0.006 (0.110)	0.092 (0.063)	0.213 (0.051)	0.105 (0.074)
same relationship status	0.085 (0.033)	-0.052 (0.043)	0.059 (0.051)	0.013 (0.038)	0.131 (0.055)
same region	0.070 (0.067)	0.037 (0.112)	0.193 (0.107)	0.295 (0.050)	0.258 (0.203)
same city	0.112 (0.069)	0.366 (0.114)	0.231 (0.110)	0.120 (0.051)	0.293 (0.205)
F tenure	0.074 (0.003)	0.091 (0.005)	0.088 (0.007)	0.063 (0.003)	0.098 (0.006)
same HS	-0.632 (0.058)	-0.318 (0.099)	-0.340 (0.095)	-0.200 (0.074)	-0.457 (0.107)
same college	0.274 (0.041)	0.166 (0.069)	0.312 (0.068)	0.347 (0.055)	0.348 (0.083)
same grad	0.604 (0.101)	0.137 (0.067)	0.450 (0.555)	0.400 (0.216)	0.196 (0.221)
(number of alter's friends/100) ¹	0.021 (0.022)	0.141 (0.032)	-0.001 (0.054)	0.029 (0.027)	0.059 (0.039)
(number of alter's friends/100) ²	-0.003 (0.002)	-0.018 (0.005)	0.000 (0.010)	-0.007 (0.003)	-0.011 (0.005)
(number of alter's friends/100) ³	0.000 (0.000)	0.001 (0.000)	0.000 (0.001)	0.000 (0.000)	0.000 (0.000)
(number of alter's friends/100) ⁴	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
N	753382	182198	79820	268249	121198
R ²	0.045	0.044	0.066	0.059	0.083
χ ²	1553.943	567.930	665.827	1237.204	833.185

Variable	RU: Russian Federation	SA: Saudi Arabia	SE: Sweden	TH: Thailand	TR: Turkey
pct tags	0.549 (0.373)	0.776 (0.178)	0.569 (0.099)	0.862 (0.131)	0.782 (0.065)
pct posts	0.539 (0.345)	0.316 (0.167)	0.432 (0.117)	0.724 (0.132)	0.399 (0.066)
pct mutual friends	2.830 (0.597)	1.605 (0.605)	3.841 (0.298)	4.161 (0.383)	4.721 (0.288)
F years older	-0.026 (0.009)	-0.017 (0.006)	-0.016 (0.002)	0.000 (0.004)	0.003 (0.002)
both male	0.179 (0.131)	1.164 (0.162)	0.194 (0.037)	0.430 (0.055)	0.026 (0.027)
both female	-0.094 (0.134)	0.668 (0.166)	0.469 (0.032)	-0.016 (0.056)	0.332 (0.028)
same relationship status	-0.106 (0.094)	0.146 (0.065)	-0.026 (0.025)	0.056 (0.046)	0.041 (0.018)
same region	-0.473 (0.445)	0.250 (0.178)	0.388 (0.032)	0.590 (0.386)	0.194 (0.081)
same city	1.032 (0.449)	-0.020 (0.184)	0.247 (0.036)	-0.447 (0.385)	0.162 (0.080)
F tenure	0.122 (0.011)	0.084 (0.008)	0.081 (0.002)	0.068 (0.004)	0.044 (0.001)
same HS	-0.900 (0.383)	-0.408 (0.160)	-0.236 (0.037)	-0.074 (0.070)	-0.171 (0.032)
same college	0.007 (0.196)	-0.030 (0.086)	0.316 (0.045)	0.157 (0.062)	0.385 (0.024)
same grad	-0.215 (0.322)	0.409 (0.286)	0.403 (0.155)	-0.196 (0.155)	0.670 (0.101)
(number of alter's friends/100) ¹	0.201 (0.101)	0.072 (0.041)	-0.005 (0.024)	-0.069 (0.028)	-0.002 (0.013)
(number of alter's friends/100) ²	-0.034 (0.021)	-0.008 (0.005)	-0.003 (0.004)	0.005 (0.004)	-0.004 (0.002)
(number of alter's friends/100) ³	0.002 (0.001)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
(number of alter's friends/100) ⁴	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
N	34088	41309	557096	331339	838237
R ²	0.058	0.049	0.061	0.063	0.034
χ ²	205.600	279.803	3018.868	830.655	2901.175

Variable	TW: Taiwan	US: United States	VE: Venezuela	VN: Vietnam	ZA: South Africa
pct tags	0.951 (0.080)	0.928 (0.136)	0.713 (0.135)	1.093 (0.244)	1.014 (0.162)
pct posts	0.781 (0.084)	0.919 (0.163)	0.089 (0.141)	1.141 (0.210)	0.793 (0.151)
pct mutual friends	3.205 (0.215)	1.461 (0.304)	8.015 (0.663)	5.111 (0.730)	3.510 (0.511)
F years older	-0.016 (0.002)	-0.020 (0.002)	-0.015 (0.004)	0.017 (0.015)	-0.007 (0.004)
both male	0.426 (0.026)	0.372 (0.037)	0.344 (0.070)	0.082 (0.102)	0.362 (0.057)
both female	0.160 (0.032)	0.268 (0.036)	0.311 (0.074)	0.050 (0.097)	0.104 (0.062)
same relationship status	0.098 (0.019)	0.077 (0.026)	-0.045 (0.058)	0.043 (0.080)	0.031 (0.049)
same region	-0.075 (0.031)	0.398 (0.034)	-0.111 (0.314)	0.303 (0.473)	0.205 (0.060)
same city	0.342 (0.035)	0.546 (0.039)	0.321 (0.313)	-0.135 (0.476)	0.414 (0.062)
F tenure	0.088 (0.002)	0.067 (0.002)	0.060 (0.003)	0.089 (0.010)	0.071 (0.004)
same HS	-0.198 (0.033)	-0.764 (0.035)	0.274 (0.089)	-0.448 (0.146)	-1.072 (0.078)
same college	0.234 (0.024)	0.237 (0.044)	0.102 (0.094)	0.553 (0.093)	0.500 (0.086)
same grad	0.430 (0.059)	0.610 (0.104)	0.544 (0.380)	-0.789 (0.597)	0.496 (0.121)
(number of alter's friends/100) ¹	0.075 (0.018)	0.007 (0.018)	0.028 (0.033)	0.192 (0.053)	-0.098 (0.030)
(number of alter's friends/100) ²	-0.011 (0.003)	-0.002 (0.002)	-0.006 (0.004)	-0.027 (0.007)	0.005 (0.004)
(number of alter's friends/100) ³	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.001 (0.000)	0.000 (0.000)
(number of alter's friends/100) ⁴	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
N	1141408	1216086	49501	87024	187076
R ²	0.051	0.055	0.087	0.065	0.080
χ ²	4192.085	2912.336	694.309	280.293	1219.834

2.8 Permutation Test

Each user has an employer/start-date pair (e.g. Laura began work at Tufts in September 2013) so it is possible that our three job transmission criteria are met by chance. To validate our job transmission variable, we reproduce the results from a permutation test conducted in a separate paper (*1*).

We randomly re-assigned employer/start-date pairs without replacement to other users in the data and then checked if a job transmission still occurred for each user. Because this is computationally intensive we began with a random sample of 27,000 dyads representing 120 users with an actual job transmission rate of 6.2% for this sub-sample. We did the permutation 1,000 times and found that the average rate of job transmission was only 0.3%. As an added check we did the same procedure but restricted employer/start-date pairs to be randomly re-assigned within the same city. For example, in this second permutation test a user who was employed by Walmart in Oakland, California in September 2010 could only be randomly re-assigned another job that was from Oakland, California. Under this test the random rate of transmission was still only 1.5% which is well below the percentage in the observed data.

Figure 11: Example of Placebo Test Construction

user id	friend id	user's firm	user start date	friend's firm	friendship date	friend start date	dyad transm ?	user transm ?
1	100	Qualcomm	1/1/2008	UCSD	8/1/2006	10/1/2007	0	0
1	101	Qualcomm	1/1/2008	UCSD	12/8/2012	8/1/2007	0	0
1	102	Qualcomm	1/1/2008	Qualcomm	7/6/2007	10/1/2010	0	0
2	110	UCSD	9/1/2010	UCSD	7/6/2007	11/11/2011	0	0
2	111	UCSD	9/1/2010	Qualcomm	10/31/2010	1/11/2007	0	0
2	112	UCSD	9/1/2010	UCSD	8/1/2006	5/1/2012	0	0
2	113	UCSD	9/1/2010	Qualcomm	12/8/2012	1/11/2011	0	0
3	114	Target	6/1/2006	Qualcomm	7/6/2001	1/1/2006	0	1
3	115	Target	6/1/2006	Target	10/31/2004	12/1/2005	1	1

user	
user id	transmitted?
1	0
2	0
3	1
Avg.	0.33

2.9 Placebo Test

As stated in the main text, although we have controlled for all user effects and many measures of homophily between users and friends, it is still possible that there is some un-measured attribute that is associated with both job transmission and tie strength. We are concerned that dyads with higher tie strength may be more likely to work at the same employers in the absence of job help.

Our data record a transmission from a pre-existing friend Obi-Wan Kenobi (k) to a user Luke (i), when Luke joins Obi-Wan Kenobi's employer ($J_{ik} = 1$). If Luke had 100 friends then we connected Luke back to all his friends $k = 1, 2, \dots, 100$ to test our Conditional Weak Ties Hypothesis.³ We know that Obi-Wan Kenobi must have transmitted the job to Luke because Obi-Wan Kenobi started at the employer at least a year before Luke. In our placebo test we artificially code Obi-Wan Kenobi as getting his job from Luke, even though this is impossible so that $J_{ki} = 1$ instead of $J_{ik} = 1$. Then we connect the placebo job transmitters to all their friends, so if Obi-Wan Kenobi had 113 friends then we connect Obi-Wan Kenobi to his friends $i = 1, 2, \dots, 113$. We measure tie strength for Obi-Wan Kenobi to his friends over the same time period as in the original data.

We compare the results of the same model used on this placebo data to our original results. Any difference in the coefficients is attributable to the dyad-level unobservable variables, so this is essentially like including a dyad fixed effect. The difference between β and $\beta_{placebo}$ is a lower bound on the causal portion of an attribute's effect on job transmission.

It is very important to note that we do not expect $\beta_{placebo} = 0$ since there is probably some residual homophily that we have not controlled that is driving some of the similarity in workplace between a user and his or her friends. However, if $\beta > \beta_{placebo}$ then it suggests that at least some of the relationship is causal.

Here we show the full regression results applied to placebo data sets for each country.

³We abuse notation here to show that Luke has many friends k one of which is Obi-Wan Kenobi.

Table 14: Full Regression Results for 55 Country Models

Variable	AE: United Arab Emirates	AR: Argentina	AT: Austria	AU: Australia	BE: Belgium
pct tags	0.231 (1.645)	7.127 (1.277)	2.599 (0.910)	3.872 (0.429)	3.302 (0.713)
pct posts	2.460 (3.165)	11.860 (2.912)	7.849 (2.572)	7.146 (1.317)	6.475 (2.816)
pct mutual friends	18.560 (6.440)	50.370 (5.126)	8.283 (1.939)	7.144 (0.764)	10.940 (1.518)
F years older	0.036 (0.044)	0.159 (0.022)	-0.038 (0.017)	0.012 (0.006)	0.068 (0.009)
both male	1.447 (0.639)	1.513 (0.318)	1.849 (0.160)	0.971 (0.081)	0.555 (0.112)
both female	-0.620 (0.697)	0.680 (0.404)	0.149 (0.282)	-0.023 (0.083)	0.397 (0.126)
same city	-0.175 (0.500)	-0.079 (0.303)	0.014 (0.155)	-0.048 (0.069)	0.058 (0.097)
same city	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
same city	0.534 (0.468)	1.491 (0.366)	0.974 (0.216)	0.735 (0.083)	1.121 (0.195)
F tenure	-1.113 (0.049)	-0.520 (0.022)	-0.345 (0.014)	-0.271 (0.005)	-0.286 (0.008)
same HS	-0.121 (1.069)	0.109 (0.744)	-0.515 (0.215)	-1.328 (0.065)	-1.144 (0.117)
same college	-1.076 (0.785)	1.935 (0.534)	1.904 (0.477)	0.626 (0.101)	0.712 (0.180)
same grad	0.514 (1.866)	8.866 (7.168)	0.477 (2.482)	2.820 (0.710)	1.116 (0.438)
(number of alter's friends/100) ¹	-0.640 (0.345)	-1.025 (0.170)	-0.327 (0.124)	-0.335 (0.054)	-0.174 (0.058)
(number of alter's friends/100) ²	0.050 (0.047)	0.086 (0.019)	0.023 (0.017)	0.027 (0.007)	0.010 (0.007)
(number of alter's friends/100) ³	-0.002 (0.002)	-0.003 (0.001)	-0.001 (0.001)	-0.001 (0.000)	0.000 (0.000)
(number of alter's friends/100) ⁴	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
Constant	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
N	66,017	159,642	309,699	1,486,000	703,445
R ²	0.030	0.051	0.017	0.014	0.016
rmse	22.910	20.700	16.380	15.060	14.190
Adjusted R ²	0.030	0.051	0.017	0.014	0.016
F	0.000	0.000	0.000	0.000	0.000

Variable	BG: Bulgaria	BR: Brazil	CA: Canada	CH: Switzerland	CL: Chile
pct tags	6.390 (2.117)	2.068 (0.543)	2.567 (0.601)	3.974 (1.711)	3.651 (0.794)
pct posts	0.369 (5.756)	8.032 (2.389)	12.160 (2.071)	4.256 (2.712)	10.510 (2.194)
pct mutual friends	28.760 (5.809)	12.840 (1.083)	7.980 (1.292)	9.836 (3.105)	25.480 (2.743)
F years older	-0.021 (0.025)	0.009 (0.005)	0.002 (0.006)	0.000 (0.019)	0.092 (0.013)
both male	0.500 (0.415)	0.311 (0.084)	0.638 (0.082)	1.191 (0.236)	1.223 (0.149)
both female	-0.068 (0.425)	-0.029 (0.088)	-0.020 (0.083)	-0.613 (0.391)	0.256 (0.194)
same city	0.142 (0.352)	0.014 (0.066)	0.032 (0.068)	0.068 (0.219)	0.275 (0.142)
same city	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
same city	0.683 (0.384)	0.521 (0.068)	1.148 (0.092)	0.554 (0.506)	0.447 (0.182)
F tenure	-0.442 (0.029)	-0.171 (0.005)	-0.233 (0.006)	-0.380 (0.016)	-0.321 (0.013)
same HS	-2.333 (0.487)	-0.914 (0.142)	-0.887 (0.076)	-0.291 (0.282)	-1.110 (0.176)
same college	-0.388 (0.492)	0.365 (0.112)	0.415 (0.081)	1.083 (0.485)	0.574 (0.161)
same grad	2.729 (2.362)	0.774 (0.372)	2.481 (0.534)	1.435 (2.134)	1.217 (0.988)
(number of alter's friends/100) ¹	-0.362 (0.237)	-0.299 (0.043)	-0.188 (0.057)	-0.074 (0.196)	-0.304 (0.097)
(number of alter's friends/100) ²	0.039 (0.029)	0.030 (0.005)	0.014 (0.007)	0.015 (0.029)	0.026 (0.012)
(number of alter's friends/100) ³	-0.002 (0.001)	-0.001 (0.000)	0.000 (0.000)	-0.001 (0.001)	-0.001 (0.000)
(number of alter's friends/100) ⁴	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
Constant	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
N	68,799	1,370,000	1,047,000	157,752	386,320
R ²	0.023	0.010	0.015	0.015	0.019
rmse	17.950	12.330	13.730	17.300	16.680
Adjusted R ²	0.023	0.010	0.015	0.015	0.019
F	0.000	0.000	0.000	0.000	0.000

Variable	CO: Colombia	CR: Costa Rica	CZ: Czech Republic	DE: Germany	DK: Denmark
pct tags	5.909 (1.007)	4.983 (1.476)	2.480 (1.844)	4.940 (0.440)	1.829 (0.392)
pct posts	5.790 (2.181)	12.890 (4.937)	11.560 (4.153)	6.935 (1.150)	2.858 (1.442)
pct mutual friends	38.110 (3.118)	20.790 (4.893)	18.980 (6.215)	8.250 (1.005)	5.543 (0.545)
F years older	0.047 (0.015)	0.057 (0.022)	0.035 (0.054)	-0.017 (0.007)	0.025 (0.003)
both male	1.460 (0.195)	0.625 (0.271)	2.008 (0.494)	1.120 (0.093)	0.402 (0.040)
both female	-0.181 (0.289)	0.998 (0.419)	1.062 (0.820)	0.542 (0.120)	0.423 (0.038)
same city	0.167 (0.178)	0.013 (0.266)	1.214 (0.493)	-0.038 (0.080)	0.014 (0.033)
same city	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
same city	-0.076 (0.191)	0.148 (0.249)	0.611 (0.568)	1.605 (0.137)	0.432 (0.055)
F tenure	-0.394 (0.012)	-0.323 (0.019)	-0.717 (0.049)	-0.456 (0.007)	-0.158 (0.002)
same HS	-0.692 (0.321)	-1.166 (0.299)	-0.598 (0.760)	-1.222 (0.095)	-0.563 (0.040)
same college	1.403 (0.247)	0.309 (0.459)	3.935 (1.172)	2.321 (0.213)	0.631 (0.073)
same grad	1.331 (1.106)	-1.401 (0.732)	4.943 (2.743)	-0.048 (1.231)	0.656 (0.201)
(number of alter's friends/100) ¹	-0.777 (0.111)	-0.593 (0.175)	-0.356 (0.354)	-0.494 (0.062)	-0.068 (0.028)
(number of alter's friends/100) ²	0.073 (0.013)	0.057 (0.021)	0.025 (0.048)	0.044 (0.009)	0.000 (0.004)
(number of alter's friends/100) ³	-0.002 (0.000)	-0.002 (0.001)	-0.001 (0.002)	-0.001 (0.000)	0.000 (0.000)
(number of alter's friends/100) ⁴	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
Constant	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
N	355,297	102,968	36,431	1,320,000	2,302,000
R ²	0.024	0.024	0.028	0.021	0.007
rmse	18.570	15.530	21.320	18.610	11.160
Adjusted R ²	0.024	0.024	0.028	0.021	0.007
F	.	0.000	0.000	0.000	0.000

Variable	DO: Dominican Republic	EC: Ecuador	EG: Egypt	ES: Spain	FI: Finland
pct tags	6.298 (1.983)	6.777 (1.646)	2.093 (0.661)	7.074 (1.314)	2.137 (0.688)
pct posts	6.886 (4.752)	7.999 (3.972)	6.327 (2.395)	4.714 (2.485)	9.471 (2.553)
pct mutual friends	43.490 (6.955)	31.360 (4.534)	13.090 (1.170)	37.130 (4.592)	13.640 (1.777)
F years older	-0.046 (0.028)	-0.029 (0.029)	0.050 (0.013)	0.150 (0.027)	0.021 (0.010)
both male	1.327 (0.430)	1.342 (0.319)	-0.174 (0.135)	1.659 (0.323)	0.728 (0.143)
both female	0.062 (0.589)	0.008 (0.408)	-0.446 (0.191)	-0.301 (0.542)	0.709 (0.136)
same city	0.380 (0.422)	0.052 (0.306)	0.114 (0.102)	0.213 (0.328)	0.166 (0.118)
same city	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 .
same city	0.099 (0.519)	0.064 (0.293)	-0.015 (0.111)	1.748 (0.514)	1.040 (0.139)
F tenure	-0.308 (0.024)	-0.324 (0.020)	-0.385 (0.012)	-0.635 (0.023)	-0.311 (0.011)
same HS	1.566 (0.672)	-0.265 (0.402)	-0.894 (0.171)	-2.136 (0.550)	-0.997 (0.147)
same college	1.672 (0.562)	1.561 (0.338)	0.393 (0.116)	1.027 (0.466)	1.140 (0.172)
same grad	1.877 (5.098)	10.650 (7.163)	-0.222 (1.066)	1.953 (1.912)	3.005 (0.937)
(number of alter's friends/100) ¹	-0.818 (0.233)	-0.923 (0.155)	-0.266 (0.074)	-0.809 (0.185)	-0.284 (0.091)
(number of alter's friends/100) ²	0.077 (0.026)	0.092 (0.018)	0.022 (0.009)	0.077 (0.021)	0.022 (0.013)
(number of alter's friends/100) ³	-0.003 (0.001)	-0.003 (0.001)	-0.001 (0.000)	-0.003 (0.001)	-0.001 (0.001)
(number of alter's friends/100) ⁴	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
Constant	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
N	74,989	162,316	960,467	133,142	480,615
R ²	0.037	0.029	0.013	0.038	0.015
rmse	16.780	17.290	14.690	21.370	16.300
Adjusted R ²	0.036	0.029	0.013	0.037	0.015
F	0.000	0.000	0.000	0.000	.

Variable	FR: France	GB: United Kingdom	GR: Greece	HU: Hungary	ID: Indonesia
pct tags	4.220 (0.580)	1.672 (0.368)	5.460 (1.599)	3.629 (0.682)	4.499 (0.497)
pct posts	7.753 (1.416)	5.606 (1.551)	5.911 (4.231)	6.285 (2.288)	8.972 (1.654)
pct mutual friends	16.660 (1.835)	6.568 (0.610)	34.580 (4.925)	7.466 (0.817)	6.873 (0.516)
F years older	0.076 (0.013)	0.036 (0.006)	0.016 (0.026)	0.024 (0.007)	0.030 (0.004)
both male	1.089 (0.124)	0.575 (0.069)	0.459 (0.291)	0.608 (0.094)	0.662 (0.044)
both female	0.429 (0.170)	0.040 (0.065)	0.601 (0.483)	0.218 (0.115)	0.101 (0.044)
same city	-0.057 (0.116)	-0.091 (0.058)	0.059 (0.303)	-0.052 (0.082)	0.000 (0.036)
same city	0.000 (0.000)	0.000 .	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
same city	1.961 (0.322)	0.584 (0.120)	-0.070 (0.338)	0.511 (0.096)	0.147 (0.037)
F tenure	-0.573 (0.013)	-0.253 (0.005)	-0.315 (0.021)	-0.221 (0.007)	-0.156 (0.003)
same HS	-1.218 (0.152)	-1.005 (0.058)	-0.966 (0.878)	-0.649 (0.124)	-0.363 (0.058)
same college	1.484 (0.187)	-0.038 (0.069)	0.782 (0.471)	0.090 (0.126)	0.135 (0.049)
same grad	0.229 (0.456)	1.967 (0.598)	-1.174 (1.485)	0.770 (0.214)	0.002 (0.103)
(number of alter's friends/100) ¹	-0.372 (0.074)	-0.190 (0.046)	-0.834 (0.194)	-0.212 (0.068)	-0.256 (0.026)
(number of alter's friends/100) ²	0.021 (0.009)	0.020 (0.006)	0.064 (0.021)	0.016 (0.009)	0.020 (0.002)
(number of alter's friends/100) ³	0.000 (0.000)	-0.001 (0.000)	-0.002 (0.001)	-0.001 (0.000)	-0.001 (0.000)
(number of alter's friends/100) ⁴	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
Constant	0.000 (0.000)	0.000 .	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
N	847,896	1,394,000	128,008	720,822	3,870,000
R ²	0.024	0.012	0.025	0.011	0.012
rmse	18.650	13.160	17.180	13.630	9.749
Adjusted R ²	0.024	0.012	0.025	0.011	0.012
F	0.000	.	0.000	0.000	0.000

Variable	IE: Ireland	IL: Israel	IN: India	IS: Iceland	IT: Italy
pct tags	3.458 (1.141)	2.842 (1.402)	2.224 (0.231)	1.993 (0.572)	3.938 (0.602)
pct posts	11.690 (4.286)	3.969 (3.814)	2.607 (0.773)	8.546 (2.464)	6.836 (1.895)
pct mutual friends	3.933 (2.299)	15.640 (2.709)	5.754 (0.355)	6.695 (0.777)	23.680 (1.638)
F years older	-0.037 (0.027)	0.061 (0.026)	0.108 (0.005)	-0.002 (0.006)	0.115 (0.009)
both male	1.224 (0.324)	0.247 (0.193)	0.244 (0.039)	0.557 (0.095)	0.624 (0.103)
both female	-0.191 (0.265)	-0.351 (0.413)	-0.152 (0.063)	0.187 (0.082)	-0.008 (0.167)
same city	-0.028 (0.238)	0.018 (0.212)	0.092 (0.032)	-0.050 (0.070)	0.282 (0.112)
same city	0.000 (0.000)	0.000 (0.000)	0.000 .	0.000 .	0.000 (0.000)
same city	0.379 (0.249)	-0.003 (0.242)	0.498 (0.039)	-0.005 (0.074)	0.635 (0.145)
F tenure	-0.349 (0.019)	-0.370 (0.025)	-0.416 (0.005)	-0.131 (0.005)	-0.328 (0.008)
same HS	-1.097 (0.216)	-0.889 (0.497)	-0.916 (0.045)	-0.214 (0.086)	-1.040 (0.183)
same college	0.039 (0.334)	0.622 (0.363)	-0.199 (0.037)	0.227 (0.122)	0.819 (0.194)
same grad	1.494 (2.070)	2.823 (1.262)	-0.077 (0.046)	0.957 (0.422)	1.372 (0.459)
(number of alter's friends/100) ¹	-0.689 (0.198)	-0.721 (0.154)	-0.310 (0.023)	-0.200 (0.069)	-0.489 (0.064)
(number of alter's friends/100) ²	0.081 (0.025)	0.078 (0.018)	0.035 (0.003)	0.010 (0.008)	0.042 (0.007)
(number of alter's friends/100) ³	-0.003 (0.001)	-0.003 (0.001)	-0.001 (0.000)	0.000 (0.000)	-0.001 (0.000)
(number of alter's friends/100) ⁴	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
Constant	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 .	0.000 (0.000)
N	131,171	150,666	9,023,000	344,647	691,722
R ²	0.019	0.015	0.011	0.007	0.024
rmse	16.460	15.770	14.360	10.720	15.770
Adjusted R ²	0.019	0.015	0.011	0.007	0.024
F	0.000	0.000	.	.	0.000

Variable	JO: Jordan	JP: Japan	KR: South Korea	MX: Mexico	MY: Malaysia
pct tags	3.141 (2.060)	4.871 (1.808)	5.273 (2.162)	6.462 (0.648)	3.365 (0.440)
pct posts	-2.556 (6.245)	4.708 (3.637)	4.538 (3.534)	12.110 (1.958)	6.895 (1.678)
pct mutual friends	22.360 (8.210)	7.366 (2.454)	11.550 (3.140)	32.230 (2.197)	8.764 (0.653)
F years older	0.226 (0.068)	0.072 (0.024)	-0.016 (0.035)	0.032 (0.011)	0.026 (0.005)
both male	0.568 (0.472)	0.340 (0.357)	1.269 (0.482)	1.216 (0.153)	0.364 (0.051)
both female	-0.920 (0.863)	-1.611 (0.760)	-0.810 (0.781)	-0.135 (0.187)	-0.096 (0.063)
same city	0.131 (0.365)	0.304 (0.276)	0.409 (0.410)	0.104 (0.135)	0.029 (0.047)
same city	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
same city	-0.079 (0.675)	3.352 (2.933)	-0.162 (0.517)	0.374 (0.146)	0.595 (0.098)
F tenure	-0.573 (0.042)	-0.541 (0.024)	-0.471 (0.034)	-0.349 (0.009)	-0.190 (0.004)
same HS	-2.112 (0.406)	-2.739 (0.724)	-3.022 (0.565)	-0.083 (0.248)	-0.414 (0.066)
same college	0.198 (0.469)	0.054 (0.624)	-0.572 (0.498)	0.907 (0.188)	0.365 (0.070)
same grad	-2.845 (2.484)	1.846 (1.431)	1.875 (1.022)	0.284 (0.757)	0.625 (0.187)
(number of alter's friends/100) ¹	0.086 (0.222)	-0.400 (0.181)	-0.194 (0.251)	-0.658 (0.074)	-0.257 (0.031)
(number of alter's friends/100) ²	-0.010 (0.024)	0.022 (0.025)	0.029 (0.031)	0.062 (0.008)	0.023 (0.003)
(number of alter's friends/100) ³	0.000 (0.001)	-0.001 (0.001)	-0.002 (0.001)	-0.002 (0.000)	-0.001 (0.000)
(number of alter's friends/100) ⁴	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
Constant	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
N	72,498	263,808	103,712	843,623	2,459,000
R ²	0.019	0.027	0.016	0.030	0.010
rmse	17.240	18.350	20.300	17.890	11.480
Adjusted R ²	0.019	0.027	0.016	0.030	0.010
F	0.000	0.000	0.000	0.000	0.000

Variable	NG: Nigeria	NL: Netherlands	NO: Norway	NZ: New Zealand	PE: Peru
pct tags	6.486 (2.768)	2.817 (0.470)	1.550 (0.372)	2.846 (0.995)	3.894 (0.859)
pct posts	10.010 (5.025)	8.516 (1.582)	6.220 (2.105)	10.030 (2.890)	13.430 (2.839)
pct mutual friends	32.040 (6.855)	9.494 (0.960)	4.903 (0.355)	11.590 (2.512)	17.900 (1.944)
F years older	0.051 (0.030)	0.020 (0.009)	0.015 (0.003)	0.028 (0.014)	0.047 (0.015)
both male	1.455 (0.551)	0.624 (0.101)	0.344 (0.035)	1.187 (0.224)	1.033 (0.166)
both female	0.524 (0.903)	0.431 (0.113)	0.500 (0.033)	-0.212 (0.224)	-0.103 (0.171)
same city	0.747 (0.513)	-0.123 (0.085)	0.031 (0.033)	0.193 (0.190)	0.093 (0.137)
same city	0.000 (0.000)	0.000 .	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
same city	0.419 (0.507)	1.067 (0.131)	0.656 (0.043)	0.580 (0.207)	0.011 (0.339)
F tenure	-0.604 (0.046)	-0.397 (0.010)	-0.142 (0.002)	-0.359 (0.012)	-0.314 (0.017)
same HS	-1.201 (0.983)	-1.034 (0.088)	-0.308 (0.031)	-1.642 (0.173)	-0.975 (0.239)
same college	0.375 (0.592)	0.705 (0.133)	0.472 (0.062)	0.997 (0.263)	0.273 (0.159)
same grad	-0.164 (1.556)	0.796 (0.334)	1.092 (0.183)	6.130 (1.566)	-1.241 (0.437)
(number of alter's friends/100) ¹	-1.745 (0.231)	-0.524 (0.075)	-0.087 (0.027)	-0.261 (0.153)	-0.395 (0.084)
(number of alter's friends/100) ²	0.179 (0.025)	0.060 (0.012)	0.005 (0.003)	0.023 (0.021)	0.040 (0.010)
(number of alter's friends/100) ³	-0.006 (0.001)	-0.002 (0.001)	0.000 (0.000)	-0.001 (0.001)	-0.002 (0.000)
(number of alter's friends/100) ⁴	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
Constant	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
N	63,925	999,616	3,143,000	207,284	556,655
R ²	0.039	0.017	0.007	0.019	0.019
rmse	18.610	16.290	10.870	16.860	15.290
Adjusted R ²	0.039	0.017	0.007	0.018	0.019
F	0.000	.	0.000	0.000	0.000

Variable	PH: Philippines	PK: Pakistan	PL: Poland	PT: Portugal	RO: Romania
pct tags	2.983 (0.375)	3.605 (0.787)	9.230 (1.181)	2.602 (0.587)	5.700 (0.960)
pct posts	4.445 (1.868)	2.727 (2.419)	8.177 (2.162)	6.788 (2.062)	4.201 (3.649)
pct mutual friends	4.695 (0.770)	11.110 (1.799)	20.670 (2.313)	16.260 (1.068)	14.480 (2.624)
F years older	0.016 (0.004)	0.056 (0.018)	-0.042 (0.023)	0.086 (0.008)	-0.010 (0.020)
both male	0.316 (0.048)	0.498 (0.237)	1.420 (0.210)	0.632 (0.085)	0.646 (0.166)
both female	-0.009 (0.040)	-0.213 (0.342)	0.345 (0.258)	0.275 (0.117)	0.003 (0.191)
same city	0.045 (0.036)	-0.158 (0.155)	0.373 (0.212)	0.123 (0.078)	0.004 (0.137)
same city	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
same city	0.180 (0.048)	0.538 (0.173)	0.910 (0.240)	0.086 (0.088)	0.669 (0.128)
F tenure	-0.158 (0.004)	-0.493 (0.017)	-0.445 (0.020)	-0.271 (0.007)	-0.341 (0.015)
same HS	-0.693 (0.046)	-0.808 (0.256)	-0.578 (0.398)	-0.760 (0.132)	-1.042 (0.185)
same college	0.158 (0.035)	0.487 (0.219)	0.968 (0.285)	0.336 (0.111)	0.701 (0.234)
same grad	0.581 (0.163)	0.334 (0.229)	0.985 (2.288)	0.583 (0.522)	-0.961 (0.363)
(number of alter's friends/100) ¹	-0.155 (0.029)	-0.356 (0.097)	-0.580 (0.142)	-0.413 (0.050)	-0.363 (0.087)
(number of alter's friends/100) ²	0.015 (0.003)	0.026 (0.013)	0.053 (0.020)	0.041 (0.006)	0.034 (0.010)
(number of alter's friends/100) ³	-0.001 (0.000)	-0.001 (0.001)	-0.002 (0.001)	-0.001 (0.000)	-0.001 (0.000)
(number of alter's friends/100) ⁴	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
Constant	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
N	2,912,207	499,232	175,136	922,216	464,470
R ²	0.006	0.014	0.022	0.016	0.015
rmse	10.250	16.940	18.440	13.810	14.760
Adjusted R ²	0.006	0.014	0.022	0.016	0.015
F	0.000	0.000	0.000	.	.

Variable	RU: Russian Federation	SA: Saudi Arabia	SE: Sweden	TH: Thailand	TR: Turkey
pct tags	4.542 (2.547)	1.400 (1.646)	2.193 (0.373)	3.819 (0.678)	4.199 (0.389)
pct posts	8.538 (4.428)	3.049 (3.387)	9.089 (1.915)	5.885 (2.790)	4.956 (0.930)
pct mutual friends	19.440 (3.970)	16.420 (4.188)	11.280 (0.832)	9.331 (1.322)	15.130 (0.928)
F years older	0.018 (0.031)	0.224 (0.048)	0.018 (0.005)	0.061 (0.015)	0.053 (0.005)
both male	0.701 (0.399)	3.114 (0.705)	0.619 (0.065)	1.038 (0.141)	0.027 (0.065)
both female	0.187 (0.755)	3.331 (0.898)	0.598 (0.070)	0.070 (0.140)	0.336 (0.080)
same city	0.027 (0.442)	-0.083 (0.409)	-0.088 (0.056)	0.181 (0.114)	0.153 (0.056)
same city	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 .
same city	1.115 (0.410)	-0.219 (0.441)	0.990 (0.087)	0.977 (0.317)	0.588 (0.064)
F tenure	-0.548 (0.035)	-0.965 (0.053)	-0.243 (0.004)	-0.312 (0.013)	-0.304 (0.004)
same HS	1.328 (2.213)	-2.600 (0.814)	-0.541 (0.065)	-0.468 (0.128)	-0.510 (0.083)
same college	0.984 (1.027)	0.152 (0.469)	0.647 (0.099)	0.098 (0.108)	0.828 (0.077)
same grad	-2.758 (1.268)	3.248 (1.964)	1.809 (0.667)	0.155 (0.276)	1.186 (0.269)
(number of alter's friends/100) ¹	-0.641 (0.196)	0.009 (0.260)	-0.267 (0.046)	-0.294 (0.069)	-0.246 (0.038)
(number of alter's friends/100) ²	0.081 (0.024)	-0.015 (0.035)	0.027 (0.006)	0.030 (0.008)	0.024 (0.005)
(number of alter's friends/100) ³	-0.003 (0.001)	0.001 (0.001)	-0.001 (0.000)	-0.001 (0.000)	-0.001 (0.000)
(number of alter's friends/100) ⁴	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
Constant	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
N	104,804	115,030	1,688,000	1,063,000	2,260,000
R ²	0.026	0.032	0.013	0.013	0.014
rmse	17.190	21.410	14.360	14.570	15.620
Adjusted R ²	0.026	0.032	0.013	0.013	0.014
F	0.000	0.000	0.000	0.000	.

Variable	TW: Taiwan	US: United States	VE: Venezuela	VN: Vietnam	ZA: South Africa
pct tags	3.250 (0.275)	2.275 (0.277)	5.568 (1.181)	4.652 (1.099)	4.599 (0.844)
pct posts	6.086 (1.249)	4.784 (1.282)	9.314 (2.505)	11.200 (4.276)	8.543 (2.480)
pct mutual friends	10.570 (0.545)	3.501 (0.346)	52.110 (4.870)	7.053 (1.754)	16.350 (2.431)
F years older	-0.021 (0.005)	0.001 (0.002)	0.124 (0.019)	0.003 (0.021)	0.018 (0.015)
both male	0.897 (0.045)	0.485 (0.031)	0.535 (0.325)	0.438 (0.210)	1.079 (0.165)
both female	-0.137 (0.072)	0.046 (0.032)	0.829 (0.391)	0.310 (0.240)	-0.204 (0.195)
same city	0.067 (0.043)	0.032 (0.026)	-0.588 (0.299)	-0.066 (0.165)	-0.211 (0.136)
same city	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
same city	0.301 (0.053)	0.757 (0.060)	0.409 (0.358)	0.618 (0.181)	0.983 (0.164)
F tenure	-0.260 (0.005)	-0.130 (0.002)	-0.512 (0.016)	-0.281 (0.015)	-0.339 (0.012)
same HS	-0.307 (0.061)	-0.689 (0.027)	0.451 (0.467)	-0.638 (0.304)	-2.223 (0.154)
same college	0.152 (0.046)	0.090 (0.028)	0.813 (0.429)	0.980 (0.242)	0.739 (0.249)
same grad	1.440 (0.168)	0.631 (0.105)	1.132 (1.391)	-1.627 (0.652)	1.369 (0.367)
(number of alter's friends/100) ¹	-0.259 (0.031)	-0.087 (0.018)	-0.968 (0.171)	0.017 (0.098)	-0.417 (0.082)
(number of alter's friends/100) ²	0.029 (0.004)	0.004 (0.002)	0.088 (0.019)	-0.005 (0.012)	0.026 (0.009)
(number of alter's friends/100) ³	-0.001 (0.000)	0.000 (0.000)	-0.003 (0.001)	0.000 (0.000)	-0.001 (0.000)
(number of alter's friends/100) ⁴	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
Constant	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
N	3,432,000	3,959,000	128,805	332,588	444,961
R ²	0.010	0.007	0.043	0.014	0.020
rmse	14.050	10.110	19.730	14.000	15.630
Adjusted R ²	0.010	0.007	0.043	0.014	0.020
F	.	0.000	0.000	0.000	0.000

2.10 Comparison of Observed Coefficients and Placebo Coefficients

Here we show the difference between the observed coefficients and the placebo coefficients for each country model using each measure of tie strength.

Table 15: Comparison of Observed Coefficients and Placebo Coefficients

Country	Posts		Observed-Placebo > 0
	Observed	Placebo	
United Arab Emirates	13.768 (4.046)	0.231 (1.645)	Yes
Argentina	18.600 (2.770)	7.127 (1.277)	Yes
Austria	11.270 (2.380)	2.599 (0.910)	Yes
Australia	9.609 (1.199)	3.872 (0.429)	Yes
Belgium	11.172 (2.199)	3.302 (0.713)	Yes
Bulgaria	4.690 (5.148)	6.390 (2.117)	No
Brazil	11.756 (1.191)	2.068 (0.543)	Yes
Canada	9.203 (1.667)	2.567 (0.601)	Yes
Switzerland	4.735 (2.905)	3.974 (1.711)	Yes
Chile	13.656 (2.243)	3.651 (0.794)	Yes
Colombia	13.519 (2.010)	5.909 (1.007)	Yes
Costa Rica	16.020 (4.392)	4.983 (1.476)	Yes
Czech Republic	12.974 (4.764)	2.480 (1.844)	Yes
Germany	9.885 (0.981)	4.940 (0.440)	Yes
Denmark	3.963 (1.201)	1.829 (0.392)	Yes
Dominican Republic	14.821 (5.373)	6.298 (1.983)	Yes
Ecuador	21.701 (3.261)	6.777 (1.646)	Yes
Egypt	13.797 (2.382)	2.093 (0.661)	Yes
Spain	9.644 (2.856)	7.074 (1.314)	Yes
Finland	1.455 (1.886)	2.137 (0.688)	No
France	11.763 (1.370)	4.220 (0.580)	Yes
United Kingdom	9.635 (1.481)	1.672 (0.368)	Yes
Greece	14.257 (5.765)	5.460 (1.599)	Yes
Hungary	12.530 (1.812)	3.629 (0.682)	Yes
Indonesia	20.579 (2.042)	4.499 (0.497)	Yes
Ireland	13.829 (3.705)	3.458 (1.141)	Yes
Israel	5.780 (3.871)	2.842 (1.402)	Yes
India	12.243 (1.834)	2.224 (0.231)	Yes
Iceland	8.040 (3.415)	1.993 (0.572)	Yes
Italy	18.217 (1.856)	3.938 (0.602)	Yes
Jordan	4.090 (5.786)	3.141 (2.060)	Yes
Japan	21.646 (4.500)	4.871 (1.808)	Yes
South Korea	4.848 (4.768)	5.273 (2.162)	No
Mexico	21.036 (1.662)	6.462 (0.648)	Yes
Malaysia	16.765 (1.998)	3.365 (0.440)	Yes
Nigeria	17.255 (5.815)	6.486 (2.768)	Yes
Netherlands	7.023 (1.396)	2.817 (0.470)	Yes
Norway	7.007 (1.237)	1.550 (0.372)	Yes
New Zealand	11.742 (2.932)	2.846 (0.995)	Yes
Peru	20.493 (4.708)	3.894 (0.597)	Yes
Philippines	11.083 (1.662)	2.983 (0.375)	Yes
Pakistan	12.837 (2.824)	3.605 (0.787)	Yes
Poland	20.021 (2.572)	9.230 (1.181)	Yes
Portugal	9.654 (2.339)	2.602 (0.587)	Yes
Romania	20.096 (2.585)	5.700 (0.960)	Yes
Russian Federation	9.739 (7.279)	4.542 (2.547)	Yes
Saudi Arabia	17.133 (4.333)	1.400 (1.646)	Yes
Sweden	6.654 (1.193)	2.193 (0.373)	Yes
Thailand	14.822 (2.480)	3.819 (0.678)	Yes
Turkey	11.051 (1.073)	4.199 (0.389)	Yes
Taiwan	12.033 (1.100)	3.250 (0.275)	Yes
United States	8.240 (1.480)	2.275 (0.277)	Yes
Venezuela	17.752 (3.047)	5.568 (1.181)	Yes
VietNam	19.412 (4.937)	4.652 (1.099)	Yes
South Africa	14.504 (2.631)	4.599 (0.844)	Yes

Tags

Country	Observed	Placebo	Observed-Placebo > 0
United Arab Emirates	13.594 (3.678)	2.460 (3.165)	Yes
Argentina	11.765 (2.790)	11.860 (2.912)	No
Austria	7.901 (2.950)	7.849 (2.572)	Yes
Australia	9.746 (1.455)	7.146 (1.317)	Yes
Belgium	8.022 (2.594)	6.475 (2.816)	Yes
Bulgaria	11.774 (4.735)	0.369 (5.756)	Yes
Brazil	7.760 (1.236)	8.032 (2.389)	No
Canada	9.720 (1.842)	12.160 (2.071)	No
Switzerland	4.853 (2.874)	4.256 (2.712)	Yes
Chile	10.562 (2.278)	10.510 (2.194)	Yes
Colombia	7.579 (1.940)	5.790 (2.181)	Yes
Costa Rica	6.756 (5.240)	12.890 (4.937)	No
Czech Republic	10.361 (4.126)	11.560 (4.153)	No
Germany	8.419 (1.162)	6.935 (1.150)	Yes
Denmark	6.542 (1.928)	2.858 (1.442)	Yes
Dominican Republic	3.306 (5.161)	6.886 (4.752)	No
Ecuador	15.312 (3.262)	7.999 (3.972)	Yes
Egypt	14.172 (2.442)	6.327 (2.395)	Yes
Spain	13.352 (2.925)	4.714 (2.485)	Yes
Finland	9.172 (2.644)	9.471 (2.553)	No
France	8.723 (1.346)	7.753 (1.416)	Yes
United Kingdom	8.043 (1.868)	5.606 (1.551)	Yes
Greece	15.775 (4.729)	5.911 (4.231)	Yes
Hungary	6.159 (2.545)	6.285 (2.288)	No
Indonesia	12.041 (1.888)	8.972 (1.654)	Yes
Ireland	12.431 (4.623)	11.690 (4.286)	Yes
Israel	5.626 (4.890)	3.969 (3.814)	Yes
India	2.970 (1.822)	2.607 (0.773)	Yes
Iceland	9.541 (6.973)	8.546 (2.464)	Yes
Italy	7.377 (1.792)	6.836 (1.895)	Yes
Jordan	9.837 (5.529)	-2.556 (6.245)	Yes
Japan	2.850 (4.010)	4.708 (3.637)	No
South Korea	16.846 (4.041)	4.538 (3.534)	Yes
Mexico	14.135 (1.639)	12.110 (1.958)	Yes
Malaysia	7.008 (2.097)	6.895 (1.678)	Yes
Nigeria	-1.194 (5.061)	10.010 (5.025)	No
Netherlands	6.645 (1.573)	8.516 (1.582)	No
Norway	4.365 (2.161)	6.220 (2.105)	No
New Zealand	7.466 (3.122)	10.030 (2.890)	No
Peru	9.446 (4.916)	13.430 (1.974)	No
Philippines	7.300 (1.820)	4.445 (1.868)	Yes
Pakistan	3.445 (2.931)	2.727 (2.419)	Yes
Poland	10.603 (2.317)	8.177 (2.162)	Yes
Portugal	8.075 (2.297)	6.788 (2.062)	Yes
Romania	11.542 (3.404)	4.201 (3.649)	Yes
Russian Federation	11.655 (7.527)	8.538 (4.428)	Yes
Saudi Arabia	7.036 (4.000)	3.049 (3.387)	Yes
Sweden	5.351 (1.595)	9.089 (1.915)	No
Thailand	15.315 (2.717)	5.885 (2.790)	Yes
Turkey	5.671 (1.026)	4.956 (0.930)	Yes
Taiwan	11.065 (1.289)	6.086 (1.249)	Yes
United States	10.251 (1.952)	4.784 (1.282)	Yes
Venezuela	1.641 (2.654)	9.314 (2.505)	No
VietNam	16.507 (4.270)	11.200 (4.276)	Yes
South Africa	13.592 (2.670)	8.543 (2.480)	Yes

Mutual Friends

Country	Observed	Placebo	Observed-Placebo > 0
United Arab Emirates	19.465 (12.847)	18.560 (6.440)	Yes
Argentina	108.692 (13.602)	50.370 (5.126)	Yes
Austria	18.040 (3.804)	8.283 (1.939)	Yes
Australia	15.877 (1.672)	7.144 (0.764)	Yes
Belgium	34.572 (4.437)	10.940 (1.518)	Yes
Bulgaria	73.926 (11.258)	28.760 (5.809)	Yes
Brazil	45.527 (1.943)	12.840 (1.083)	Yes
Canada	14.612 (2.229)	7.980 (1.292)	Yes
Switzerland	8.454 (6.046)	9.836 (3.105)	No
Chile	73.418 (6.362)	25.480 (2.743)	Yes
Colombia	102.439 (6.714)	38.110 (3.118)	Yes
Costa Rica	59.937 (10.578)	20.790 (4.893)	Yes
Czech Republic	47.338 (14.240)	18.980 (6.215)	Yes
Germany	14.182 (1.905)	8.250 (1.005)	Yes
Denmark	13.086 (1.551)	5.543 (0.545)	Yes
Dominican Republic	107.527 (14.271)	43.490 (6.955)	Yes
Ecuador	55.460 (8.835)	31.360 (4.534)	Yes
Egypt	41.183 (3.370)	13.090 (1.170)	Yes
Spain	87.801 (9.820)	37.130 (4.592)	Yes
Finland	32.229 (3.497)	13.640 (1.777)	Yes
France	41.188 (3.769)	16.660 (1.835)	Yes
United Kingdom	11.202 (1.798)	6.568 (0.610)	Yes
Greece	81.347 (13.003)	34.580 (4.925)	Yes
Hungary	22.982 (2.648)	7.466 (0.817)	Yes
Indonesia	23.782 (1.992)	6.873 (0.516)	Yes
Ireland	9.393 (5.289)	3.933 (2.299)	Yes
Israel	50.447 (9.382)	15.640 (2.709)	Yes
India	14.788 (2.136)	5.754 (0.355)	Yes
Iceland	12.810 (2.433)	6.695 (0.777)	Yes
Italy	71.110 (4.660)	23.680 (1.638)	Yes
Jordan	58.369 (13.029)	22.360 (8.210)	Yes
Japan	22.010 (5.961)	7.366 (2.454)	Yes
South Korea	25.854 (7.026)	11.550 (3.140)	Yes
Mexico	79.789 (4.473)	32.230 (2.197)	Yes
Malaysia	33.568 (2.033)	8.764 (0.653)	Yes
Nigeria	60.985 (10.453)	32.040 (6.855)	Yes
Netherlands	18.570 (2.338)	9.494 (0.960)	Yes
Norway	11.351 (1.026)	4.903 (0.355)	Yes
New Zealand	20.921 (5.306)	11.590 (2.512)	Yes
Peru	54.186 (9.526)	17.904 (1.351)	Yes
Philippines	26.677 (2.149)	4.695 (0.770)	Yes
Pakistan	27.439 (3.620)	11.110 (1.799)	Yes
Poland	38.796 (5.037)	20.670 (2.313)	Yes
Portugal	52.135 (3.224)	16.260 (1.068)	Yes
Romania	58.762 (6.140)	14.480 (2.624)	Yes
Russian Federation	39.823 (9.042)	19.440 (3.970)	Yes
Saudi Arabia	21.314 (10.061)	16.420 (4.188)	Yes
Sweden	27.814 (2.085)	11.280 (0.832)	Yes
Thailand	30.097 (2.874)	9.331 (1.322)	Yes
Turkey	46.841 (2.660)	15.130 (0.928)	Yes
Taiwan	20.580 (1.403)	10.570 (0.545)	Yes
United States	6.373 (1.174)	3.501 (0.346)	Yes
Venezuela	131.547 (10.650)	52.110 (4.870)	Yes
VietNam	39.482 (6.989)	7.053 (1.754)	Yes
South Africa	28.239 (4.304)	16.350 (2.431)	Yes

2.11 Correlation Between Friendship Strength Measures

Here we report correlation coefficients between the three measures of friendship strength.

Table 16: Correlations between Friendship Strength Measures for 55 Country Models

Country	pct tags & pct posts	pct tags & pct mutual friends	pct posts & pct mutual friends
United Arab Emirates	0.2154	0.1164	0.0528
Argentina	0.3299	0.1314	0.0920
Austria	0.1876	0.1177	0.0574
Australia	0.2964	0.0980	0.0620
Belgium	0.1687	0.1287	0.0722
Bulgaria	0.1713	0.1277	0.0638
Brazil	0.2620	0.1063	0.0706
Canada	0.2582	0.0903	0.0668
Switzerland	0.1648	0.1236	0.0668
Chile	0.3402	0.1404	0.1140
Colombia	0.2723	0.1320	0.0840
Costa Rica	0.2580	0.1185	0.0586
Czech Republic	0.1857	0.1602	0.0886
Germany	0.2291	0.1256	0.0594
Denmark	0.1664	0.1026	0.0581
Dominican Republic	0.3072	0.1510	0.0977
Ecuador	0.2930	0.1322	0.0958
Egypt	0.2589	0.1158	0.0832
Spain	0.2491	0.1338	0.0773
Finland	0.1634	0.1048	0.0673
France	0.2199	0.1031	0.0585
United Kingdom	0.3025	0.0816	0.0573
Greece	0.2593	0.1288	0.0936
Hungary	0.2137	0.0733	0.0544
Indonesia	0.1808	0.0457	0.0351
Ireland	0.3154	0.1193	0.0917
Israel	0.2209	0.1260	0.0978
India	0.1129	0.0549	0.0084
Iceland	0.2501	0.1140	0.0814
Italy	0.2464	0.1409	0.0879
Jordan	0.2707	0.1429	0.1022
Japan	0.1541	0.0615	0.0316
South Korea	0.2373	0.0764	0.0561
Mexico	0.4082	0.1299	0.1006
Malaysia	0.2206	0.0764	0.0563
Nigeria	0.1536	0.0466	0.0328
Netherlands	0.2204	0.1350	0.0646
Norway	0.1846	0.0975	0.0618
New Zealand	0.2754	0.1033	0.0598
Peru	0.2872	0.1059	0.0787
Philippines	0.2047	0.0689	0.0445
Pakistan	0.2304	0.0993	0.0550
Poland	0.2012	0.1191	0.0820
Portugal	0.1548	0.1022	0.0536
Romania	0.1574	0.1175	0.0706
Russian Federation	0.1149	0.0664	0.0281
Saudi Arabia	0.2038	0.0954	0.0579
Sweden	0.1992	0.1179	0.0656
Thailand	0.3397	0.0896	0.0638
Turkey	0.1719	0.0713	0.0406
Taiwan	0.1947	0.1111	0.0732
United States	0.2460	0.0708	0.0472
Venezuela	0.2258	0.1433	0.0686
VietNam	0.3079	0.1172	0.0881
South Africa	0.2129	0.0808	0.0507
All States	0.2350	0.0925	0.0562

2.12 Explaining Variation in Associations Across Countries

In Figure 3 in the main manuscript, we display simulated linear regression coefficients for the relationship between the (1) magnitude of the association between job transmission and each measure of tie strength in each country with (2) one of several country-level variables for each of the 55 countries in our study. That is, we regress the individual country coefficients reported in Figure 2 in the main manuscript on three different measures for each country. Specifically, for the main independent variable in each of these simulated regressions, we focus on economic inequality (based on the Gini coefficient, mean=38, min=23 in Sweden, max=63 in South Africa), average income (as measured by per capita 2012 GDP (PPP) which compares GDP on a purchasing power parity basis divided by population as of 1 July for the same year, mean=25,060, min=2,800 in Nigeria, max=55,900 in Norway), and total population (mean=75,071,198, min=315,281 in Iceland, max=1,220,800,359 in India).⁴ Each of the simulated regressions has an n of 55.

We run 1,000 simulated regressions (also known as a parametric bootstrap) for each set of country coefficients from the three different measures of friendship strength using each of the three country-level measures for a set of nine simulated regressions. With these simulated regressions, we are able to incorporate the uncertainty from the original estimated coefficients and standard errors — reported in Figure 2 in the main manuscript — into the estimated relationship between the size of the relationship between job transmission and each measure of tie strength and each of the country-level variables. For each simulation, we draw a value for the dependent variable — which we denote as $\tilde{\beta}_j$ — for each country j from a normal distribution in which the

⁴Note, that we are using population estimates for the entire country and not those reported from our sample taken from Facebook. All country statistics were drawn from the CIA World Factbook in August 2013. Sources: [\https://www.cia.gov/library/publications/the-world-factbook/rankorder/2172rank.html](https://www.cia.gov/library/publications/the-world-factbook/rankorder/2172rank.html) <https://www.cia.gov/library/publications/the-world-factbook/rankorder/2004rank.html> https://www.cia.gov/library/publications/the-world-factbook/rankorder/rawdata_2119.txt.

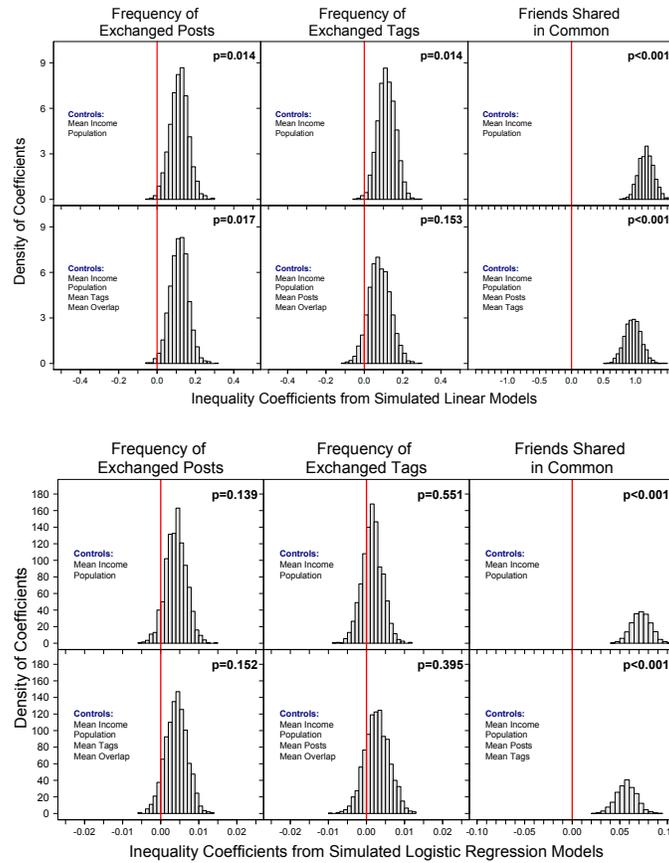
mean is country j 's estimated coefficient and the standard deviation is the estimated standard error of country j 's coefficient such that $\tilde{\beta}_j \sim N(\hat{\beta}_j, SE(\hat{\beta}_j))$. We repeat this procedure for each of the three friends strength coefficients and each of the three country-level variables for 9 different simulated regressions, which display graphically in the main manuscript.

In addition to the single variable models we report in the main text (Figure 3), we also repeated the simulation procedure for each of the models with control variables added. In each of the simulations, we control for the mean level of the other two country-year measures (first row) in addition to both the mean level of the other two country-year measures and the mean level of tie strength not represented by the dependent variable (second row of the plots).

Since the dependent variable for these models is the individual country coefficients, these models represent the strength of the relationship between the magnitude of the within country friendship strength variable and other country-level variables. By including the mean values of the other country-level variables (second row of each plot) we are able to control for aspects of overall relationship between friendship strength and job-transmission within each country. As Table 16 above demonstrates, the size of correlation coefficient between each of the friendship strength measures is relatively modest, which again suggests that each variable is tapping into a different part of the unobservable concept of friendship strength.

We have also run models using the coefficients from the country logistic regressions. These results are presented in the second graph on each page for ease of comparison.

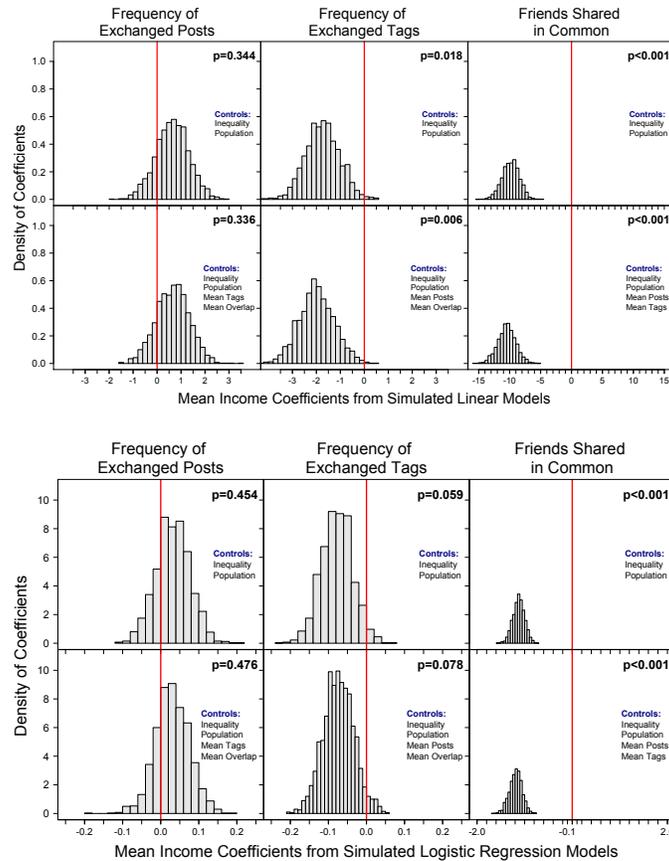
Figure 12: Simulated Coefficients for the Inequality Independent Variable + Controls



Here, we show in simulated multivariate regressions (also known as a parametric bootstrap) that the relationship with inequality is robust to inclusion of several control variables. Each of the panels demonstrate that tie strength is more important for job transmission in countries with greater inequality for all of the tie strength measures. The distribution of coefficients from simulated regressions of job transmission on tie strength are compared to measures of inequality (Gini coefficient) measured in 2013. We draw each country point estimate from the distribution of regression coefficients implied by the estimate and standard error for that country and measure of tie strength. P values indicate the simulated probability that there is

no relationship between tie strength and the other variable. The upper panel is based on the method using coefficients from a linear model and the lower panel is based on the method using coefficients from a logistic regression.

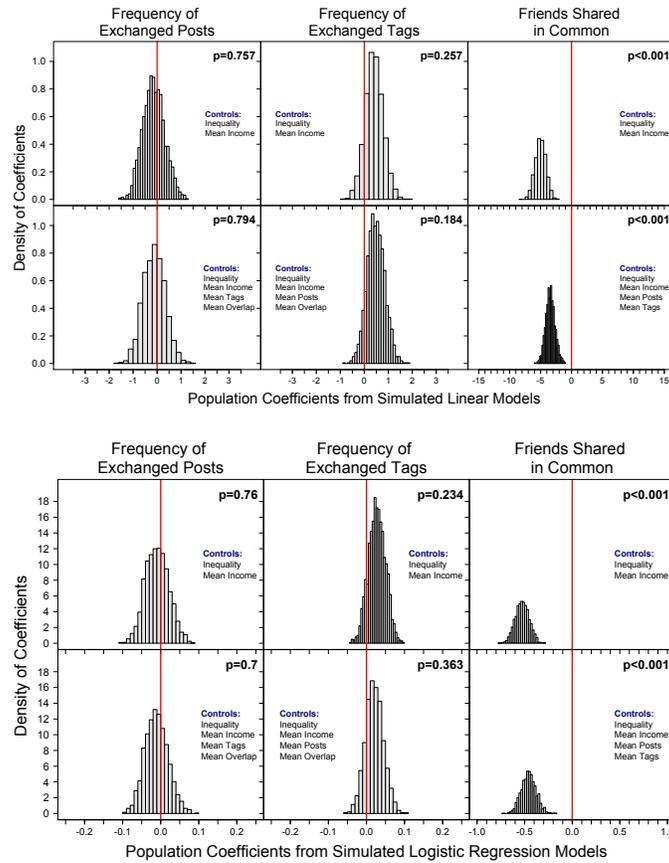
Figure 13: Simulated Coefficients for the Income Independent Variable + Controls



Here, we show in simulated multivariate regressions (also known as a parametric bootstrap) that the relationship with mean income is robust to inclusion of several control variables for two of the three tie strength measures. Each of the panels demonstrate that tie strength is more important for job transmission in countries with smaller mean incomes. The distribution of coefficients from simulated regressions of job transmission on tie strength are compared to measures of mean income (GDP per capita) measured in 2013. We draw each country point estimate from the distribution of regression coefficients implied by the estimate and standard error for that country and measure of tie strength. P values indicate the simulated probability

that there is no relationship between tie strength and the other variable. The upper panel is based on the method using coefficients from a linear model and the lower panel is based on the method using coefficients from a logistic regression.

Figure 14: Simulated Coefficients for the Population Independent Variable + Controls



Here, we show in simulated multivariate regressions (also known as a parametric bootstrap) that the *null* relationship with population is robust to inclusion of several control variables. The upper panel is based on the method using coefficients from a linear model and the lower panel is based on the method using coefficients from a logistic regression.

References and Notes

1. Laura K. Gee, Jason J. Jones, and Moira Burke. Social networks and labor markets: How strong ties relate to job transmission on facebook's social network. *Working Paper*, 2014.