

Online Appendix to: “Job Search Through Weak and Strong Ties: Theory and Evidence from Indonesia”

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Abstract

This document presents additional results for the paper “Job Search Through Weak and Strong Ties: Theory and Evidence from Indonesia.” This document is not intended for publication.

1 Job search methods

All participants in the IFLS were asked question QTK16d: “In the past one month, have you been looking for a job?” If the answer was YES, the survey asked QTK16f: “What activities have you done for your job search?” The full set of possible answers with the response distribution is given in Table 1.

Table 1: Methods of job search among those currently looking for employment

	All	Male only	Male only 18-65	Male only 18-65, no current job
Registered with government job fairs	5.6	4.46	4.65	4.64
Registered with private job fairs	9.48	8.79	9.02	9.55
Registered with school/university job fairs	2.57	1.96	2.04	1.86
Contacted company	24.41	24	23.96	23.08
Responded to job ads	20.02	17.65	17.97	14.99
Contacted friends/relatives	86.23	88.3	88.23	90.45
Done nothing	1.31	1.01	0.99	0.93
Exclusively contacted friends/relatives	56.68	60.18	59.9	63.16
N	1983	1479	1419	754

Notes: Respondents who actively looked for employment in the past month were asked "What activities have you done for your job search?" Multiple answers were allowed. The table shows the possible answers and their percentage distribution for different groups of respondents. In the dataset posted on the IFLS website (as of June 2016), the variable labels for question TK16f do not match those in the questionnaire. The IFLS staff has confirmed that the labels in the questionnaire are correct.

The survey asked all participants a series of questions (given below) in order to identify persons who currently have a job. Those who currently have a job were asked QTK24: “How did you get this job?” The full set of possible answers with the response distribution is reported in the paper for private sector workers. Table 2 presents the corresponding distribution for government workers.

Questions used to identify respondents who currently have a job:

QTK01: “What was your primary activity during the past week?” Currently has a job if answered “Working/trying to work/helping to earn an income”

QTK02: “Did you work/try to work/help to earn income for pay for at least 1 hour during the past week? Currently has a job if answered YES

QTK03: “Do you have a job/business, but were temporarily not working during the past week?” Currently has a job if answered YES

QTK04: "Did you work at a family-owned (farm or non-farm) business during the past week?" Currently has a job if answered YES

Table 2: Job finding methods in the sample, government workers

	All	Completed college or higher	Less than college
Through government job fairs	53.33	70.56	37.44
Through private job fairs	0.27	0.00	0.51
Through school/university fairs	4.27	5.56	3.08
Responded to a job ad	3.73	1.11	6.15
Contacted company	13.33	10.00	16.41
Through friends and relatives	19.20	8.33	29.23
Contacted by company/employer	5.87	4.44	7.18
N	375	180	195

Notes: All workers identified as currently having a job were asked "How did you get this job?" The possible answers and their percentage distribution are given in the table.

2 Comparison of the Census population and the IFLS sample

The IFLS survey was designed to be representative of the Indonesian population at the time of the first round (1993). The IFLS1 sampling scheme stratified on provinces and urban/rural location, then randomly sampled within these strata based on the "SUSENAS frame", designed by the Indonesian Central Bureau of Statistics (BPS) and updated based on the 1990 census.(see Frankenberg and Karoly (1995) for a detailed description). The resulting sample included 13 of Indonesia's 27 provinces containing 83% of the population. Later rounds of the IFLS followed the original sample households, including split-off households. The Re-Contact Protocol is described in detail in Strauss et al. (2009).

Table 3 shows the population distribution across provinces in the 1990 and 2010 census rounds, as well as the first IFLS round and the round used in the paper (round 4). Two patterns are apparent from the table: (i) the distribution of the population across provinces remained very similar in the 2010 and 1990 census, and (ii) both the original IFLS wave and IFLS 4 matches this distribution quite closely.

Table 4 compares the limited number of individual characteristics available in the census to their counterpart in the IFLS. The IFLS sample appears broadly representative of the census population in terms of gender, age, and employment status. While the employment rate among males is somewhat lower in the IFLS, this is due in part to the different definitions of employed/unemployed used in the IFLS and the census.

Table 3: Distribution of the census and IFLS population across IFLS provinces

Province	1990 Census		2010 Census		IFLS 1 HH Interviewed		IFLS 4 HH Interviewed		
	N(000)	% of census population	% of IFLS provinces	N(000)	% of IFLS provinces	N	%	N	%
North Sumatra	10,391	5.7	6.9	12,903	7.3	563	7.8	998	7.4
West Sumatra	4,041	2.2	2.7	4,811	2.7	351	4.9	714	5.3
South Sumatra	6,403	3.5	4.2	7,430	4.2	349	4.8	712	5.3
Lampung	6,108	3.4	4.0	7,595	4.3	274	3.8	569	4.2
DKI Jakarta	8,352	4.6	5.5	9,282	5.2	731	10.1	1,147	8.5
West Java	35,973	19.8	23.7	42,738	24.1	1,111	15.4	2,207	16.3
Central Java	28,733	15.8	19.0	32,300	18.2	878	12.2	1,733	12.8
DI Yogyakarta	2,923	1.6	1.9	3,430	1.9	478	6.6	786	5.8
East Java	32,713	1.8	21.6	37,239	21.0	1,044	14.5	1,869	13.8
Bali	2,798	1.5	1.8	3,842	2.2	340	4.7	625	4.6
West Nusa	3,416	1.9	2.3	4,506	2.5	407	5.6	858	6.3
South Kalimantan	2,636	1.5	1.7	3,583	2.0	323	4.5	653	4.8
South Sulawesi	7,045	3.9	4.6	8,004	4.5	375	5.2	664	4.9
Total	151,532	83.4	100	177,660	100	7,224	100	13,535	100

Notes: IFLS provinces are the listed 13 provinces featured in the IFLS (out of a total of 27 Indonesian provinces). Columns entitled "percent of IFLS provinces" show the distribution of the census population across the IFLS provinces. Source: Strauss et al. (2009), Volume 1, Table 2.2, and authors' calculations.

Table 4: Distribution of individual characteristics in the IFLS and the Census among respondents aged 18-65 in the IFLS provinces

	IFLS 4	2010 Census
Percent male	47.76	49.88
Percent of males employed	77.65	86.08
Average age of employed males	37.58	38.45

Notes: IFLS provinces are the 13 provinces featured in the IFLS (out of a total of 27 Indonesian provinces). Source: IFLS round 4 and 2010 Indonesian Census

3 Sample selection

Table 5: Sample selection

Number of individuals in IFLS4 in BOOK 3A of these, network size non-missing (ethnicity not equal to "Other" or missing) of these, matched to census data based on regency of these, age between 18-65 of these, male of these, primary activity during the past week was work for pay	29,966 27,844 26,944 23,406 11,114 8,628
<i>Which category best describes the work that you do?</i>	
<i>Self employed</i>	1,584
<i>Self employed with unpaid family worker/temporary worker</i>	1,849
<i>Self-employed with permanent worker</i>	210
<i>Government worker</i>	746
<i>Private worker</i>	2,881
<i>Casual worker in agriculture</i>	393
<i>Casual worker not in agriculture</i>	273
<i>Unpaid family worker</i>	692
of these, private workers of these, work at least 15 hours per week of these, work no more than 168 hours per week (no obvious mistake in data)	2,881 2,793 2,777
of these, "How did you get this job?" non-missing	2,777
of these, industry non-missing	2,769
of these, firm size non-missing	2,752
of these, education level non-missing	2,706
of these, wage non-missing	2,232
of these, no more than 10 years in current job	1,779
of these, has not moved from birthplace (note that movers appear in robustness check)	1,023
Final sample	1,023

Notes: The table shows the resulting number of observations for each step of the sample selection process.

4 Matching the IFLS and Census ethnicities

Table 6 is taken from Ananta et al. (2014), Appendix 1. Correction: census codes 0236-0284 are categorized under the Dayak ethnic group.

Table 6: Matching IFLS 4 and 2010 Indonesian Census ethnic codes

ILFS code	ILFS name	Census code	Census Name
A	Javanese	114	Jawa
		115	Samin
		120	Tengger
		92	Nagarigung
		118	Nagaring
B	Sundanese	113	Sunda
		117	Naga
C	Balinese	124	Bali/Bali Hindu
		125	Bali Majapahit
D	Batak	14	Batak Angkola
		15	Batak Karo
		16	Batak Mandailing
		17	Batak Pakpak Dairi
		21	Dairi
		18	Batak Simalungun
		19	Batak Tapanuli
		20	Batak Toba
E		502	Bugis Pagatan
		508	Pagatan
		695	Bugis
		732	Ugi
		688	Amatoa/Ammatowa/Orang/Kajang
		723	Tolotang
F	Tionghoa	9121	Chinese
		9122	Chinese PRC
		9123	Chinese Taiwan
G	Maduranese	121	Madura
H	Sasak	129	Sasak
		198	Bayan
I	Minang	32	Minangkabau
J	Banjar	499	Banjar
		520	Banjar/Kuala/Batang/Banyu/Pahuluan
K	Bima-Dompu	127	Bima
		128	Dompu
L	Makasar	706	Makassar
M	Nias	25	Nias
N	Palembang	65	Palembang
O	Sumbawa	130	Semawa/Sumbawa
P	Toroja	662	Pipikoro
		665	Raranggonau/Sibalaya/Sidondo/Toraja
Q	Betawi	111	Betawi

ILFS code	ILFS name	Census code	Census Name
R	Dayak	209	Dayak Abai
		210	Dayak Air Durian/Dayak Air Upas/Dayak B
		211	Dayak Air Tabun/Dayak Banjur/Dayak Bege
		212	Dayak Alau'/Dayak Lau'
		213	Dayak Angan
		214	Dayak Angkabakng/Dayak Banokng/Dayak Ba
		215	Dayak Apalin
		216	Dayak Apoyan
		217	Dayak Babak
		218	Dayak Badat
		219	Dayak Bahau
		220	Dayak Bakati' Kanayatn Satango/Dayak Ba
		221	Dayak Balantiatn
		222	Dayak Balau/Dayak Daya/Dayak Hivan/Daya
		224	Dayak Banyadu'
		225	Dayak Banyur/Dayak Kualatn/Dayak Sajan/
		226	Dayak Barai
		227	Dayak Bassap
		228	Dayak Batu Entawa'
		229	Dayak Batu Tajam/Dayak Kekura'/Dayak Ke
		230	Dayak Bauk
		231	Dayak Baya
		232	Dayak Beah/Dayak Begeleng/Dayak Beginci
		233	Dayak Behe/Dayak Benane
		234	Dayak Benatu/Dayak Jalai/Dayak Penyaran
		235	Dayak Benawas
		236	Dayak Bentian
		237	Dayak Benuaq
		238	Dayak BI Somu
		239	Dayak Biatah/Dayak Bidayuh
		240	Dayak Bihak
		241	Dayak Brusu
		243	Dayak Bugau
		244	Dayak Bukat/Dayak Buket/Dayak Bukit/Day
		245	Dayak Bukit Talaga
		247	Dayak Butok
		248	Dayak Cempedak
		249	Dayak Da'/Dayak Kayan
		250	Dayak Dait
		251	Dayak Dalam
		252	Dayak Dalang/Dayak Kaluas/Dayak Kayu Bu
		254	Dayak Darat
		255	Dayak Daro'
		256	Dayak Darok
		258	Dayak Desa
		259	Dayak Dosan/Dayak Dusun
		261	Dayak Dsa
		262	Dayak Ella
		263	Dayak Embaloh/Dayak Maloh/Dayak Mbaloh/
		264	Dayak Empayuh
		265	Dayak En Silat
		266	Dayak Engkarong
		267	Dayak Engkode
		268	Dayak Ensanang
		269	Dayak Ensilat
		271	Dayak Entuka
		273	Dayak Gali/Dayak Galik
		274	Dayak Gerai

ILFS code	ILFS name	Census code	Census Name
R	Dayak	275	Dayak Gerunggang
		276	Dayak Golik
		277	Dayak Goneh
		279	Dayak Hibun
		281	Dayak Inggar Silat
		282	Dayak Jagoi
		283	Dayak Jalan/Dayak Ka-Lepo Ka
		284	Dayak Jangkang/Dayak Jangkang Benua/Day
		285	Dayak Jawan
		286	Dayak Jawatn
		287	Dayak Jelai
		289	Dayak Kalis
		290	Dayak Kanayan
		291	Dayak Kanayatn/Dayak Kanayatn Capala/Da
		292	Dayak Kancikng
		293	Dayak Kantu'/Dayak Kantuk
		294	Dayak Kayaan
		295	Dayak Kayanath
		296	Dayak Kayong
		297	Dayak Kayung
		298	Dayak Kebahan
		299	Dayak Kebuai/Dayak Pangkalan Suka/Dayak
		300	Dayak Kede
		303	Dayak Keluas
		304	Dayak Keneles
		305	Dayak Keninjal
		306	Dayak Kenyah
		307	Dayak Kenyilu
		308	Dayak Kepuas
		309	Dayak Kerabat
		310	Dayak Keramai/Dayak Keramay
		311	Dayak Ketior/Dayak Ketir
		312	Dayak Ketungau/Dayak Ketungau Air Tabun
		314	Dayak Kodatn
		315	Dayak Koman
		317	Dayak Kopak
		322	Dayak Krio
		323	Dayak Kubitn
		325	Dayak Laman Tuha/Dayak Lamantawa
		326	Dayak Lara
		327	Dayak Laur
		328	Dayak Laut
		329	Dayak Lawangan
		331	Dayak Lebang
		332	Dayak Lebong
		333	Dayak Lemandau
		335	Dayak Limbai
		336	Dayak Linoh
		337	Dayak Lomur
		338	Dayak Mahap
		339	Dayak Mali
		340	Dayak Manyan
		341	Dayak Mayan
		342	Dayak Mayau
		343	Dayak Melahoi
		344	Dayak Melanau
		347	Dayak Mentebah
		349	Dayak Menterap Kabut

ILFS code	ILFS name	Census code	Census Name
R	Dayak	350	Dayak Menterap Sekado
		351	Dayak Mentuka'
		354	Dayak Menyuke
		355	Dayak Merau
		356	Dayak Mobui
		357	Dayak Modang
		358	Dayak Mualang
		359	Dayak Muara
		360	Dayak Mudu'
		363	Dayak Nahaya'
		364	Dayak Nanga
		365	Dayak Ngabang
		369	Dayak Nonguh
		370	Dayak Nyadupm
		371	Dayak Oruung da'an
		372	Dayak Ot Danum
		373	Dayak Pampang
		374	Dayak Pandu
		375	Dayak Pangin
		376	Dayak Pangkodan/Dayak Pengkedang
		377	Dayak Pantu
		379	Dayak Papak
		380	Dayak Pasir
		381	Dayak Paus
		382	Dayak Pawan
		383	Dayak Pawatn
		384	Dayak Paya'
		385	Dayak Penihing
		386	Dayak Peruan
		387	Dayak Pompakng
		388	Dayak Pompang
		389	Dayak Ponan/Dayak Punan/Dayak Punang
		390	Dayak Ponti/Dayak Punti
		391	Dayak Pos
		392	Dayak Pruna'
		393	Dayak Pruwan
		394	Dayak Putuk
		395	Dayak Randu'
		396	Dayak Randuk/Dayak Ronduk
		397	Dayak Ransa
		398	Dayak Rantawan
		399	Dayak Raut
		401	Dayak Ribun
		402	Dayak Salako/Dayak Salako Badamea-Gajek
		403	Dayak Sambas
		404	Dayak Sami
		405	Dayak Samihin
		406	Dayak Sampit
		407	Dayak Sane
		408	Dayak Sanggau
		409	Dayak Sangku'
		410	Dayak Sapatoi
		411	Dayak Sawai
		412	Dayak Sawe
		413	Dayak Sebaruk
		414	Dayak Seberuang
		415	Dayak Segai
		416	Dhyak Sekajang

ILFS code	ILFS name	Census code	Census Name
R	Dayak	417	Dayak Sekubang
		418	Dayak Sekujam
		420	Dayak Selayang
		421	Dayak Selibong
		424	Dayak Sengkunang
		428	Dayak Silatn Muntak
		429	Dayak Sintang
		430	Dayak Sisang
		431	Dayak Sontas
		432	Dayak Suaid
		433	Dayak Suhaid
		434	Dayak Sum/Dayak Sum Daruk
		435	Dayak Sungkung
		436	Dayak Suruh/Dayak Suruk
		437	Dayak Suti
		438	Dayak Taba
		439	Dayak Tabuas
		440	Dayak Tadietn
		441	Dayak Tagel
		442	Dayak Tamambalo
		443	Dayak Taman
		444	Dayak Taman Sekado
		447	Dayak Tebang
		448	Dayak Tebidah
		449	Dayak Tenggalan
		450	Dayak Tengon
		453	Dayak Tinying
		454	Dayak Tobak
		455	Dayak Tola'
		457	Dayak Tunjung
		459	Dayak Uheng Kereho
		460	Dayak Ulu Ai'/Dayak Ulu Air
		461	Dayak Ulu Sekadau
		464	Dayak Undau
		466	Dayak Uud Danum
		467	Dayak Uud Danum Cihie
		468	Dayak Uud Danum Dohoi
		469	Dayak Aoheng
		471	Dayak Bakumpai
		472	Bara Dia
		474	Gaat
		476	Katingan/Ngaju
		477	Kendayan
		478	Lawangan
		479	Lepo Bakung/Lepo Jalan/Lepo Tukung/Lepo
		480	Maanyan Benua Lima/Maanyan Paju Lima
		481	Maanyan Dayu
		482	Maanyan Paju Epat
		483	Maanyan Paju Sepuluh
		484	Maanyan Paku
		485	Medang
		486	Murung
		488	Sarbas/Saribas/Sebayau
		489	Sekadau
		490	Siak Murung/Siang Murung
		491	Siang
		492	Tabuyan
		493	Tahanuan

ILFS code	ILFS name	Census code	Census Name
R	Dayak	494	Tomun
		495	Arkais/Dayak Bakumpai/Kota Waringin Bar
		496	Dayak Bawo/Mangkatip/Taboyan
		497	Abal
		498	Balangan
		500	Barangas
		502	Bugis Pagatan
		504	Dusun Deyah
		507	Maanyan
		509	Pitap
		514	Abai/Tidung/Tingalan/Tudung
		515	Ahe
		516	Ayus/Bentian/Karau/Lemper/Leo Arak
		517	Badeng
		518	Bahau
		521	Banjau
		522	Basap
		524	Benuak
		525	Berau/Merau
		526	Berusu
		527	Bulungan/Murut
		531	Lapo Bakung/Lapo Bem/Lapo Ke/Lapo Kulit
		532	Long Gelat/Paka
		533	Lundayeh
		534	Mangku Anam/Nyumit/Pauk/Purui/Singa Ras
		535	Merab
		538	Penihing
		542	Tagel/Tagol
		545	Tunjung
		546	Umaq Alim/Umaq Baka/Umaq Bakaq/Umaq Baq
		547	Umaq Badang/Umaq Kulit/Umaq Lokan
		549	Kajang/Kejin/Kenyah
		554	Baka
		555	Bantai
		557	Bawo
		559	Bungan
		567	Klemantan
		569	Lepo Tau
		570	Long Paka
		571	Malang
		572	Medan/Modang
		573	Nganayath
		577	Oloh masih
		586	Sekayang
		588	Seru/Serul/Srul
		593	Timai
		785	Pinihing
S	Melayu	13	Asahan
		23	Melayu Asahan
		24	Melayu Deli
		37	Melayu Riau
		43	Jambi
		49	Gumai
		51	Kikim
		52	Kisam
		54	Langkat/Melayu Langkat
		55	Lematang
		56	Lintang

ILFS code	ILFS name	Census code	Census Name
S	Melayu	58	Melayu Banyu Asin
		59	Melayu Lahat
		66	Pasemah
		73	Semendo
		76	Bengkulu
		83	Serawai
		90	Melayu semendo
		107	Melayu
		345	Dayak Melayu Pontianak
		346	Dayak Melayu Sambas
T	Komering	53	Komering
U	Ambon	822	Ambon
B1	Aceh	1	Aceh/Achin/Akhir/Asji/A-Tse/Ureung Aceh
		105	Lambai/Lamuri
D1	Banten	123	Banten
E1	Cirebon	112	Cirebon
F1	Gorontalo	786	Polahi
		807	Gorontalo
G1	Kutai	530	Kutai

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