

Analysis script for:

Jann, Ben (2019). Early-career labor market situation of Swiss sociology graduates at the Master's level. Bulletin of the Swiss Sociological Association No. 155.

Software: Stata/MP 16.0

Required user packages: `fre`, `estout`, `iscogen`, `robstat`, `moremata`, `kdens`

Contents

1	Setup	2
2	Data preparation	2
2.1	Cohort 2002	2
2.2	Cohort 2004	14
2.3	Cohort 2006	26
2.4	Cohort 2008	39
2.5	Cohort 2010	52
2.6	Cohort 2012	65
2.7	Append data into single file	78
3	Analysis	79
3.1	Definition of comparison groups	80
3.2	Number of observations/group sizes	80
3.3	Definition of helper program for data analysis	81
3.4	Labor market status	82
3.5	Economic sectors and types of occupations	91
3.6	Part-time and temporal work	105
3.7	Leadership responsibility and occupational position	110
3.8	Earnings	128
3.9	Correspondence between work and qualification	130
3.10	Achievement of occupational aspirations	141

Produced by `sttex`, 04dec2019

1 Setup

```
. about
Stata/MP 16.0 for Mac (64-bit Intel)
Revision 14 Nov 2019
Copyright 1985-2019 StataCorp LLC
Total physical memory: 16.00 GB
30-user 2-core Stata network perpetual license:
    Serial number: 501606206203
    Licensed to: Ben Jann
                UniBe

. version 16.0

. clear all

. set linesize 110

. set type double
```

2 Data preparation

Note that the data preparation also covers several variables that are not used paper, but could potentially be interesting for further analyses.

```
. program zipuse
1.     _parse comma 0 opts : 0
2.     qui unzipfile `0'.zip, replace
3.     use `0'`opts'
4.     erase `0'
5. end
```

2.1 Cohort 2002

```
. zipuse dta/zb2007_de_01MAY2018.dta, clear
( )

. gen int cohort = 2002

. // Selection
. // - only master
. fre k_stufex
k_stufex — examensstufe
```

		Freq.	Percent	Valid	Cum.
Valid	15 bachelor	2757	30.85	30.85	30.85
	25 master	5428	60.73	60.73	91.58
	40 doktorat	753	8.42	8.42	100.00
	Total	8938	100.00	100.00	

```
. keep if k_stufex==25
(3,510 observations deleted)

. // - only university
. fre k_hstyp
k_hstyp — hochschultyp uh fh ph
```

		Freq.	Percent	Valid	Cum.
Valid	1 uh	5428	100.00	100.00	100.00

```
. keep if k_hstyp==1
(0 observations deleted)
```

```
. // - participation in 2nd wave
. fre welle
welle — teilnahme zweitbefragung
```

		Freq.	Percent	Valid	Cum.
Valid	1 teilnahme nur an erstbefragung	1576	29.03	29.03	29.03
	2 teilnahme an erst- und zweitbefragung	3852	70.97	70.97	100.00
	Total	5428	100.00	100.00	

```
. keep if welle==2
(1,576 observations deleted)
. // - disciplines
. keep if ///
> fachl2==103 /// 1.3 Historische + Kulturwiss.
> | fachl2==104 /// 1.4 Sozialwissenschaften
> | fachl3==20001 /// Volkswirtschaftslehre
> //
(2,853 observations deleted)
. fre fachl3
fachl3 — fachrichtung uh
```

		Freq.	Percent	Valid	Cum.
Valid	10301 philosophie	18	1.80	1.80	1.80
	10302 archäologie, ur- + frühgesch.	20	2.00	2.00	3.80
	10303 geschichte	144	14.41	14.41	18.22
	10304 kunstgeschichte	29	2.90	2.90	21.12
	10305 musikwissenschaft	5	0.50	0.50	21.62
	10306 theater-+ filmwissenschaft	7	0.70	0.70	22.32
	10307 ethnologie + volkskunde	43	4.30	4.30	26.63
	10401 psychologie	302	30.23	30.23	56.86
	10402 erziehungswissenschaften	84	8.41	8.41	65.27
	10404 sonderpädagogik	21	2.10	2.10	67.37
	10405 soziologie	38	3.80	3.80	71.17
	10406 sozialarbeit	16	1.60	1.60	72.77
	10407 humangeographie	21	2.10	2.10	74.87
	10408 politikwissenschaft	109	10.91	10.91	85.79
	10409 kommunikations- + medienwiss.	52	5.21	5.21	90.99
	10410 sozialwiss. fächerübergr./übrige	23	2.30	2.30	93.29
	20001 volkswirtschaftslehre	67	6.71	6.71	100.00
	Total	999	100.00	100.00	

```
. // Selection of variables
. keep ///
> /// general variables
> cohort /// Abschlusskohorte
> abscode /// Identifikationsnummer
> z_k_gewicht /// GewichtungsvARIABLE
> annais /// Geburtsjahr
> k_baus1 /// Nationalität und Bildungsherkunft
> sexe /// Geschlecht
> abartld /// Datum Studienabschlussdatum
> uni_pub /// Hochschule
> fachl3 /// Fachrichtung (10405 = Soziologie)
> wovostbg_regling /// Sprachgebiet Wohnort vor Studienbeginn
> anzsem /// A2 Wie viele Semester haben Sie insgesamt Ihr Hauptfach bis zu Ihrem Studiumabsch
> stuaus1 /// a3a haben sie im laufe ihres studiums einen oder mehrere studienaufenthalt(e) (m
> wstuerw /// A4 Haben Sie während der StudienzeIT eine Erwerbstätigkeit ausgeübt?
> erwstin /// A5a Stand Ihre Studieneerwerbstätigkeit bzw. Ihr Praktikum in einem inhaltlichen
> /// personal situation at time of interview
> z_wohnfor /// A4 In welcher Wohnform leben Sie gegenwärtig?
> z_zivstan /// A5a Geben Sie bitte Ihren Familienstand an
> z_kind /// A6a Haben oder teilen Sie die Verantwortung für Kinder?
> /// employment
> z_k_erwerbstat /// ErwerbstätigkeITSstatus
```

```

> z_belage          /// B1 Sind Sie zurzeit erwerbstätig?
> z_noga5           /// B7 zweite Welle - NOGA 5
> z_beruf5          /// B8 zweite Welle, Beruf 5-stellig
> z_isco4           /// ISCO 4-Stellig
> z_wirber5         /// B10 Sind Sie im öffentlichen Dienst oder privaten Sektor tätig?
> z_k_berstel       /// Berufliche Stellung
> z_stelbetr        /// B12a Bezogen auf Ihre Haupterwerbstätigkeit: Welches ist Ihre berufliche Stellu
> z_budgetv         /// b12c haben sie budgetverantwortung (z.b. als projekt-/geschäftsführende/-r)?
> z_ansbef          /// B13 Sind Sie befristet oder unbefristet beschäftigt?
> z_k_begradh       /// Beschäftigungsgrad Hauptbeschäftigung
> z_k_beinkoh       /// Standardisierter Bruttolohn - Haupterwerbstätigkeit
> z_k_quali         /// Qualifikationsanforderungen
> z_angpos          /// B18 In Bezug auf Ihre berufliche Position :
> z_angaufg         /// B18 In Bezug auf die Ihnen übertragenen Aufgaben :
> z_angkefe        /// B18 In Bezug auf das Qualifikationsprofil des Arbeitsplatzes :
> z_angeink        /// B18 In Bezug auf Ihr Einkommen :
> z_bervor         /// B21 Konnten Sie bis heute Ihre beruflichen Vorstellungen im Grossen und Ganzen
>                  /// verwirklichen
> //

```

```

. // variables for analysis
. rename abscode id

```

```

. su id

```

Variable	Obs	Mean	Std. Dev.	Min	Max
id	999	8992.671	7723.062	23	60842

```

. rename z_k_gewicht pw
. su pw

```

Variable	Obs	Mean	Std. Dev.	Min	Max
pw	999	2.393369	.7342884	1.567193	6.86502

```

. rename annais birthyr
. su birthyr

```

Variable	Obs	Mean	Std. Dev.	Min	Max
birthyr	999	1973.538	5.422467	1942	1981

```

. fre k_bausl
k_bausl — nationalität und bildungsherkunft

```

		Freq.	Percent	Valid	Cum.
Valid	0 schweizerinnen	925	92.59	92.59	92.59
	1 bildungsinländerinnen	49	4.90	4.90	97.50
	2 bildungsausländerinnen	25	2.50	2.50	100.00
	Total	999	100.00	100.00	

```

. gen byte origin = k_bausl
. lab def origin 0 "Swiss" 1 "foreign with Swiss education" 2 "foreign"
. lab val origin origin
. fre origin
origin

```

		Freq.	Percent	Valid	Cum.
Valid	0 Swiss	925	92.59	92.59	92.59
	1 foreign with Swiss education	49	4.90	4.90	97.50
	2 foreign	25	2.50	2.50	100.00
	Total	999	100.00	100.00	

```

. fre sexe
sexe — geschlecht

```

	Freq.	Percent	Valid	Cum.
--	-------	---------	-------	------

Valid	1 männer	322	32.23	32.23	32.23
	2 frauen	677	67.77	67.77	100.00
	Total	999	100.00	100.00	

```
. gen byte female = sexe==2
. fre uni_pub
uni_pub — hochschule uh
```

		Freq.	Percent	Valid	Cum.
Valid	1 universität basel	56	5.61	5.61	5.61
	2 universität bern	129	12.91	12.91	18.52
	3 universität freiburg	90	9.01	9.01	27.53
	4 universität genf	242	24.22	24.22	51.75
	5 universität lausanne	130	13.01	13.01	64.76
	6 universität luzern	3	0.30	0.30	65.07
	7 universität neuenburg	47	4.70	4.70	69.77
	8 universität st. gallen	33	3.30	3.30	73.07
	9 universität zürich	236	23.62	23.62	96.70
	10 università della svizzera italiana	33	3.30	3.30	100.00
	Total	999	100.00	100.00	

```
. rename uni_pub uni
. lab def uni ///
> 1 Basel ///
> 2 Bern ///
> 3 Fribourg ///
> 4 Geneva ///
> 5 Lausanne ///
> 6 Lucern ///
> 7 Neuchatel ///
> 8 "St Gall" ///
> 9 Zurich ///
> 10 "Svizzera Italiana"
```

```
. lab val uni uni
. fre uni
uni — hochschule uh
```

		Freq.	Percent	Valid	Cum.
Valid	1 Basel	56	5.61	5.61	5.61
	2 Bern	129	12.91	12.91	18.52
	3 Fribourg	90	9.01	9.01	27.53
	4 Geneva	242	24.22	24.22	51.75
	5 Lausanne	130	13.01	13.01	64.76
	6 Lucern	3	0.30	0.30	65.07
	7 Neuchatel	47	4.70	4.70	69.77
	8 St Gall	33	3.30	3.30	73.07
	9 Zurich	236	23.62	23.62	96.70
	10 Svizzera Italiana	33	3.30	3.30	100.00
	Total	999	100.00	100.00	

```
. fre fachl3
fachl3 — fachrichtung uh
```

		Freq.	Percent	Valid	Cum.
Valid	10301 philosophie	18	1.80	1.80	1.80
	10302 archäologie, ur- + frühgesch.	20	2.00	2.00	3.80
	10303 geschichte	144	14.41	14.41	18.22
	10304 kunstgeschichte	29	2.90	2.90	21.12
	10305 musikwissenschaft	5	0.50	0.50	21.62
	10306 theater-+ filmwissenschaft	7	0.70	0.70	22.32
	10307 ethnologie + volkskunde	43	4.30	4.30	26.63

10401 psychologie	302	30.23	30.23	56.86
10402 erziehungswissenschaften	84	8.41	8.41	65.27
10404 sonderpädagogik	21	2.10	2.10	67.37
10405 soziologie	38	3.80	3.80	71.17
10406 sozialarbeit	16	1.60	1.60	72.77
10407 humangeographie	21	2.10	2.10	74.87
10408 politikwissenschaft	109	10.91	10.91	85.79
10409 kommunikations- + medienwiss.	52	5.21	5.21	90.99
10410 sozialwiss. fächerübergr./übrige	23	2.30	2.30	93.29
20001 volkswirtschaftslehre	67	6.71	6.71	100.00
Total	999	100.00	100.00	

```

. gen byte subject = 1 if fachl3==10405
(961 missing values generated)
. replace subject = 2 if int(fachl3/100)==104 & subject>=.
(628 real changes made)
. replace subject = 3 if fachl3==20001
(67 real changes made)
. replace subject = 4 if int(fachl3/100)==103
(266 real changes made)
. lab def subject 1 "sociology" 2 "social sciences" 3 "economics" 4 "history and culture"
. lab val subject subject
. fre subject
subject

```

	Freq.	Percent	Valid	Cum.
Valid 1 sociology	38	3.80	3.80	3.80
2 social sciences	628	62.86	62.86	66.67
3 economics	67	6.71	6.71	73.37
4 history and culture	266	26.63	26.63	100.00
Total	999	100.00	100.00	

```

. fre wovostbg_regling
wovostbg_regling — sprachgebiet wohnort vor studienbeginn

```

	Freq.	Percent	Valid	Cum.
Valid -5 ausland	43	4.30	4.30	4.30
1 deutsches sprachgebiet	513	51.35	51.35	55.66
2 französisches sprachgebiet	371	37.14	37.14	92.79
3 italienisches sprachgebiet	70	7.01	7.01	99.80
4 rätoromanisches sprachgebiet	2	0.20	0.20	100.00
Total	999	100.00	100.00	

```

. gen byte langreg = 1 if inlist(wovostbg_regling, 1, 4)
(484 missing values generated)
. replace langreg = 2 if inlist(wovostbg_regling, 2, 3)
(441 real changes made)
. replace langreg = 3 if wovostbg_regling== -5
(43 real changes made)
. lab def langreg 1 "german part" 2 "french or italian part" 3 "abroad"
. lab val langreg langreg
. fre langreg
langreg

```

	Freq.	Percent	Valid	Cum.
Valid 1 german part	515	51.55	51.55	51.55
2 french or italian part	441	44.14	44.14	95.70
3 abroad	43	4.30	4.30	100.00
Total	999	100.00	100.00	

. fre anzsem, t(5)

anzsem — a2 wie viele semester haben sie insgesamt ihr hauptfach bis zu ihrem studiumabsc

		Freq.	Percent	Valid	Cum.
Valid	-9	2	0.20	0.20	0.20
	1	1	0.10	0.10	0.30
	4	10	1.00	1.00	1.30
	5	4	0.40	0.40	1.70
	6	14	1.40	1.40	3.10
	:	:	:	:	:
	17	10	1.00	1.00	95.60
	18	12	1.20	1.20	96.80
	19	6	0.60	0.60	97.40
	20	13	1.30	1.30	98.70
	99	13	1.30	1.30	100.00
	Total	999	100.00	100.00	

. gen byte semesters = anzsem if !inlist(anzsem,-9,99)

(15 missing values generated)

. fre stuausl

stuausl — a3a haben sie im laufe ihres studiums einen oder mehrere studienaufenthalt(e) (m

		Freq.	Percent	Valid	Cum.
Valid	1 ja, in der schweiz	54	5.41	5.41	5.41
	2 ja, im ausland	158	15.82	15.82	21.22
	3 ja, in der schweiz und im ausland	11	1.10	1.10	22.32
	4 nein	776	77.68	77.68	100.00
	Total	999	100.00	100.00	

. gen byte mobil = inlist(stuausl, 2, 3)

. fre wstuerw erwstin

wstuerw — a4 haben sie während der studienzeit eine erwerbstätigkeit ausgeübt?

		Freq.	Percent	Valid	Cum.
Valid	1 ja	952	95.30	95.30	95.30
	2 nein	47	4.70	4.70	100.00
	Total	999	100.00	100.00	

erwstin — a5a stand ihre studien erwerbstätigkeit bzw. ihr praktikum in einem inhaltlichen

		Freq.	Percent	Valid	Cum.
Valid	-1	47	4.70	4.70	4.70
	1 nein	242	24.22	24.22	28.93
	2 ja, während der gesamten studiendauer	189	18.92	18.92	47.85
	3 ja, zeitweilig	521	52.15	52.15	100.00
	Total	999	100.00	100.00	

. gen byte sjob = wstuerw==1 & inlist(erwstin,2,3) // had job related to studies

. fre z_wohnfor z_zivstan

z_wohnfor_07 — a4 in welcher wohnform leben sie gegenwärtig?

		Freq.	Percent	Valid	Cum.
Valid	-9	4	0.40	0.40	0.40
	1 mit einem/einer partner/in zusammen (ohne kinder)	413	41.34	41.34	41.74
	2 mit partner/in und kind/ern zusammen	239	23.92	23.92	65.67
	3 mit kind/ern zusammen (ohne partner/in)	12	1.20	1.20	66.87
	4 bei den eltern	29	2.90	2.90	69.77
	5 mit andern erwachsenen (ausser partner/in oder	56	5.61	5.61	75.38

eltern) zusammen					
6	allein	246	24.62	24.62	100.00
Total		999	100.00	100.00	

z_zivstan07 — a5a geben sie bitte ihren familienstand an.

		Freq.	Percent	Valid	Cum.
Valid	-9	5	0.50	0.50	0.50
	1 ledig	385	38.54	38.54	39.04
	2 feste partnerschaft	272	27.23	27.23	66.27
	3 verheiratet	307	30.73	30.73	97.00
	4 getrennt	6	0.60	0.60	97.60
	5 geschieden	22	2.20	2.20	99.80
	6 verwitwet	2	0.20	0.20	100.00
Total		999	100.00	100.00	

. gen byte partner = inlist(z_zivstan,2,3) if z_zivstan>0
(5 missing values generated)

. fre z_kind

z_kind07 — a6a haben oder teilen sie die verantwortung für kinder?

		Freq.	Percent	Valid	Cum.
Valid	-9	3	0.30	0.30	0.30
	1 ja	254	25.43	25.43	25.73
	2 nein	742	74.27	74.27	100.00
Total		999	100.00	100.00	

. gen byte kids = z_kind==1 if z_kind>0
(3 missing values generated)

. fre z_k_erwerbstat

z_k_erwerbstat — erwerbstätigkeitsstatus

		Freq.	Percent	Valid	Cum.
Valid	-9	3	0.30	0.30	0.30
	1 erwerbstätig	937	93.79	93.79	94.09
	2 erwerbslos	16	1.60	1.60	95.70
	3 nichterwerbsperson	43	4.30	4.30	100.00
Total		999	100.00	100.00	

. gen byte working = z_k_erwerbstat==1 if z_k_erwerbstat>0
(3 missing values generated)

. gen byte unempl = z_k_erwerbstat==2 if z_k_erwerbstat>0
(3 missing values generated)

. gen byte notemp = z_k_erwerbstat==3 if z_k_erwerbstat>0
(3 missing values generated)

. fre z_belage

z_belage — b1 sind sie zurzeit erwerbstätig?

		Freq.	Percent	Valid	Cum.
Valid	-9	3	0.30	0.30	0.30
	1 ja, ich übe eine erwerbstätigkeit aus	767	76.78	76.78	77.08
	2 ja, ich übe mehrere erwerbstätigkeiten aus	149	14.91	14.91	91.99
	3 nein, auf der suche nach erwerbstätigkeit	27	2.70	2.70	94.69
	4 nein, aber ich habe definitiv stelle/auftrag zugesichert	6	0.60	0.60	95.30
	5 nein, befinde mich in ausbildung	17	1.70	1.70	97.00
	6 nein, ich führe haushalt/betreue kinder	21	2.10	2.10	99.10
	7 nein, andere gründe	9	0.90	0.90	100.00
Total		999	100.00	100.00	


```

. gen byte nereason = 1 if z_belage==6 & notemp==1
(979 missing values generated)
. replace nereason = 2 if z_belage==5 & notemp==1
(10 real changes made)
. replace nereason = 3 if nereason>=. & notemp==1
(13 real changes made)
. lab def nereason 1 "household/kids" 2 "in education" 3 "other"
. lab val nereason nereason
. fre nereason
nereason

```

		Freq.	Percent	Valid	Cum.
Valid	1 household/kids	20	2.00	46.51	46.51
	2 in education	10	1.00	23.26	69.77
	3 other	13	1.30	30.23	100.00
	Total	43	4.30	100.00	
Missing	.	956	95.70		
Total		999	100.00		

```

. fre z_beruf5, t(5)
z_beruf5 — b8 zweite welle, beruf 5-stellig

```

		Freq.	Percent	Valid	Cum.
Valid	-9	39	3.90	3.90	3.90
	-1	62	6.21	6.21	10.11
	11202 rebbauern/-bäuerinnen	1	0.10	0.10	10.21
	24403 maschinenschlosser/innen und maschinenmonteure/monteurinnen uvb	1	0.10	0.10	10.31
	29101 warennachseher/innen und -sortierer/innen	1	0.10	0.10	10.41
	:	:	:	:	:
	91108 sonstige nicht einzuordnende berufe	54	5.41	5.41	95.30
	92101 arbeitskräfte mit nicht bestimmbarer kader- oder expertenfunktion	13	1.30	1.30	96.60
	92103 arbeitskräfte mit nicht bestimmbarer nicht-manueller berufstätigkeit	8	0.80	0.80	97.40
	92104 arbeitskräfte mit nicht bestimmbarer berufstätigkeit	25	2.50	2.50	99.90
	93103 nicht einzuordnende abschlüsse	1	0.10	0.10	100.00
	Total	999	100.00	100.00	

```

. replace z_beruf5 = . if z_beruf5<0
(101 real changes made, 101 to missing)
. rename z_beruf5 beruf
. fre z_isco4, t(5)
z_isco4 — isco 4-stellig

```

		Freq.	Percent	Valid	Cum.
Valid	-999 keine zuweisung möglich	8	0.80	0.80	0.80
	-9	39	3.90	3.90	4.70
	-1	62	6.21	6.21	10.91
	10110 offiziere in regulären streitkräften	1	0.10	0.10	11.01
	11000 führungskräfte, ona	35	3.50	3.50	14.51
	:	:	:	:	:
	15412 polizisten (ohne polizeikommissare)	1	0.10	0.10	99.10
	16112 baum- und strauchfrüchteanbauer	1	0.10	0.10	99.20
	17200 metallarbeiter, mechaniker und verwandte berufe, ona	1	0.10	0.10	99.30
	17543 produkttester und -klassierer (ohne nahrungsmittel und getränke)	1	0.10	0.10	99.40
	19000 hilfsarbeitskräfte, ona	6	0.60	0.60	100.00
	Total	999	100.00	100.00	

```

. rename z_isco4 isco
. replace isco = . if isco<0
(109 real changes made, 109 to missing)
. fre isco, t(5)
isco — isco 4-stellig

```

		Freq.	Percent	Valid	Cum.
Valid	10110 offiziere in regulären streitkräften	1	0.10	0.11	0.11
	11000 führungskräfte, ona	35	3.50	3.93	4.04
	11112 leitende verwaltungsbedienstete	6	0.60	0.67	4.72
	11114 leitende bedienstete von interessenorganisationen	6	0.60	0.67	5.39
	11120 geschäftsführer und vorstände	14	1.40	1.57	6.97
	:	:	:	:	:
	15412 polizisten (ohne polizeikommissare)	1	0.10	0.11	98.99
	16112 baum- und strauchfrüchteanbauer	1	0.10	0.11	99.10
	17200 metallarbeiter, mechaniker und verwandte berufe, ona	1	0.10	0.11	99.21
	17543 produkttester und -klassierer (ohne nahrungsmittel und getränke)	1	0.10	0.11	99.33
	19000 hilfsarbeitskräfte, ona	6	0.60	0.67	100.00
	Total	890	89.09	100.00	
Missing	.	109	10.91		
Total		999	100.00		

```

. fre z_wirber5
z_wirber5 — b10 sind sie im öffentlichen dienst oder privaten sektor tätig?

```

		Freq.	Percent	Valid	Cum.
Valid	-9	6	0.60	0.60	0.60
	-1	83	8.31	8.31	8.91
	1 öffentlicher dienst	514	51.45	51.45	60.36
	2 privater nicht gewinnorientierter (non profit) sektor	135	13.51	13.51	73.87
	3 privater gewinnorientierter sektor	260	26.03	26.03	99.90
	4 sonstiges, bitte angeben:	1	0.10	0.10	100.00
	Total	999	100.00	100.00	

```

. gen byte sector = 1 if z_wirber5==1
(485 missing values generated)
. replace sector = 2 if z_wirber5==2
(135 real changes made)
. replace sector = 3 if z_wirber5==3
(260 real changes made)
. lab def sector 1 "public" 2 "NGO" 3 "for profit"
. lab val sector sector
. fre sector
sector

```

		Freq.	Percent	Valid	Cum.
Valid	1 public	514	51.45	56.55	56.55
	2 NGO	135	13.51	14.85	71.40
	3 for profit	260	26.03	28.60	100.00
	Total	909	90.99	100.00	
Missing	.	90	9.01		
Total		999	100.00		

```

. fre z_k_berstel z_stelbetr
z_k_berstel03 — berufliche stellung

```

		Freq.	Percent	Valid	Cum.
Valid	-9	2	0.20	0.20	0.20
	-1	83	8.31	8.31	8.51
	1 praktikant/in	15	1.50	1.50	10.01
	2 assistent/in, doktorand/in	116	11.61	11.61	21.62
	3 angestellte/r ohne führungsfunktion	472	47.25	47.25	68.87
	4 angestellte/r mit führungsfunktion	281	28.13	28.13	97.00
	5 selbstständige/r	30	3.00	3.00	100.00
	Total	999	100.00	100.00	

z_stelbetr07 — b12a bezogen auf ihre haupterwerbstätigkeit: welches ist ihre berufliche stellu

		Freq.	Percent	Valid	Cum.
Valid	-9	2	0.20	0.20	0.20
	-1	83	8.31	8.31	8.51
	1 praktikant/-in, volontär/-in	15	1.50	1.50	10.01
	2 doktorand/-in, habilitand/-in u.ä. an hs	116	11.61	11.61	21.62
	3 professor/-in (nicht aber titularprofessor/-in)	7	0.70	0.70	22.32
	4 assistenzarzt/-ärztin	3	0.30	0.30	22.62
	5 lehrer/-in	84	8.41	8.41	31.03
	6 arbeitnehmer/-in ohne führungsfunktion	384	38.44	38.44	69.47
	7 arbeitnehmer/-in mit ffkt./unteres kader (z.b. projektleiter/-in)	173	17.32	17.32	86.79
	8 arbeitnehmer/-in mit ffkt./mittleres kader (z.b. stabsstelle)	72	7.21	7.21	93.99
	9 arbeitnehmer/-in mit ffkt./oberes kader (z.b. geschäftsleitung)	29	2.90	2.90	96.90
	10 mitarbeitendes familienmitglied	1	0.10	0.10	97.00
	11 selbstständig ohne arbeitnehmer	25	2.50	2.50	99.50
	12 selbstständig mit arbeitnehmern	5	0.50	0.50	100.00
	Total	999	100.00	100.00	

```
. gen byte position = 1 if z_k_berstel==3
(527 missing values generated)
. replace position = 2 if z_k_berstel==4
(281 real changes made)
. replace position = 3 if position==2 & z_stelbetr==8
(72 real changes made)
. replace position = 4 if position==2 & inlist(z_stelbetr,3,9) // 3 is Professor
(36 real changes made)
. replace position = 5 if z_k_berstel==5
(30 real changes made)
. replace position = 6 if z_k_berstel==2
(116 real changes made)
. replace position = 7 if z_k_berstel==1
(15 real changes made)
. lab def position 1 employee 2 "low management" 3 "mid management" 4 "high management" ///
> 5 "selfemp" 6 "assistant" 7 "trainee"
. lab val position position
. fre position
position
```

		Freq.	Percent	Valid	Cum.
Valid	1 employee	472	47.25	51.64	51.64
	2 low management	173	17.32	18.93	70.57
	3 mid management	72	7.21	7.88	78.45
	4 high management	36	3.60	3.94	82.39
	5 selfemp	30	3.00	3.28	85.67
	6 assistant	116	11.61	12.69	98.36
	7 trainee	15	1.50	1.64	100.00

Total	914	91.49	100.00
Missing .	85	8.51	
Total	999	100.00	

. fre z_budgetv

z_budgetv — b12c haben sie budgetverantwortung (z.b. als projekt-/geschäftsleitende/-r)?

		Freq.	Percent	Valid	Cum.
Valid	-9	20	2.00	2.00	2.00
	-1	464	46.45	46.45	48.45
	1 ja	149	14.91	14.91	63.36
	2 nein	366	36.64	36.64	100.00
	Total	999	100.00	100.00	

. gen byte budget = z_budgetv==1 if z_budgetv!=-9 & working==1
(82 missing values generated)

. fre z_ansbef

z_ansbef — b13 sind sie befristet oder unbefristet beschäftigt?

		Freq.	Percent	Valid	Cum.
Valid	-9	7	0.70	0.70	0.70
	-1	91	9.11	9.11	9.81
	1 befristet	189	18.92	18.92	28.73
	2 unbefristet	710	71.07	71.07	99.80
	3 sonstiges, bitte angeben	2	0.20	0.20	100.00
	Total	999	100.00	100.00	

. gen byte tempemp = z_ansbef==1 if z_ansbef!=-9 & working==1
(69 missing values generated)

. fre z_k_begradh

z_k_begradh — beschäftigungsgrad hauptbeschäftigung

		Freq.	Percent	Valid	Cum.
Valid	-9	9	0.90	0.90	0.90
	-1	83	8.31	8.31	9.21
	1 < 50%	62	6.21	6.21	15.42
	2 50% - 89%	399	39.94	39.94	55.36
	3 90% - 100%	446	44.64	44.64	100.00
	Total	999	100.00	100.00	

. gen byte parttime = inlist(z_k_begradh,1,2) if z_k_begradh!=-9 & working==1
(71 missing values generated)

. gen byte lowpt = z_k_begradh==1 if z_k_begradh!=-9 & working==1
(71 missing values generated)

. fre z_k_beinkoh, t(5)

z_k_beinkoh — standardisierter bruttolohn - haupterwerbstätigkeit

		Freq.	Percent	Valid	Cum.
Valid	15000	2	0.20	0.23	0.23
	18000	1	0.10	0.12	0.35
	20000	1	0.10	0.12	0.47
	23000	2	0.20	0.23	0.70
	24000	1	0.10	0.12	0.81
	:	:	:	:	:
	225000	1	0.10	0.12	99.53
	250000	1	0.10	0.12	99.65
	400000	1	0.10	0.12	99.77
	766667	1	0.10	0.12	99.88
	780000	1	0.10	0.12	100.00
	Total	860	86.09	100.00	

Missing .	139	13.91
Total	999	100.00

```
. gen earnings = z_k_beinkoh/1000 if z_k_beinkoh>0
(139 missing values generated)
```

```
. fre z_k_quali
```

```
z_k_quali — qualifikationsanforderungen
```

		Freq.	Percent	Valid	Cum.
Valid	-1	80	8.01	8.10	8.10
	1 nein, ein hochschulabschluss wurde nicht verlangt	161	16.12	16.30	24.39
	2 es wurde keine spezifische studienrichtung verlangt	198	19.82	20.04	44.43
	3 auch in verwandten fächern	231	23.12	23.38	67.81
	4 ausschliesslich in meinem studienfach	318	31.83	32.19	100.00
	Total	988	98.90	100.00	
Missing .		11	1.10		
Total		999	100.00		

```
. gen byte quali = inlist(z_k_quali,3,4) if z_k_quali!=-9 & working==1 // same or related qualification
(62 missing values generated)
```

```
. fre z_angpos z_angaufg z_angkefe z_angeink
```

```
z_angpos — b18 in bezug auf ihre berufliche position :
```

		Freq.	Percent	Valid	Cum.
Valid	-9	13	1.30	1.30	1.30
	-1	83	8.31	8.31	9.61
	1 1 überhaupt nicht	41	4.10	4.10	13.71
	2 2	102	10.21	10.21	23.92
	3 3	221	22.12	22.12	46.05
	4 4	313	31.33	31.33	77.38
	5 5 in sehr hohem masse	226	22.62	22.62	100.00
	Total	999	100.00	100.00	

```
z_angaufg — b18 in bezug auf die ihnen übertragenen aufgaben :
```

		Freq.	Percent	Valid	Cum.
Valid	-9	13	1.30	1.30	1.30
	-1	83	8.31	8.31	9.61
	1 1 überhaupt nicht	44	4.40	4.40	14.01
	2 2	113	11.31	11.31	25.33
	3 3	204	20.42	20.42	45.75
	4 4	335	33.53	33.53	79.28
	5 5 in sehr hohem masse	207	20.72	20.72	100.00
	Total	999	100.00	100.00	

```
z_angkefe07 — b18 in bezug auf das qualifikationsprofil des arbeitsplatzes :
```

		Freq.	Percent	Valid	Cum.
Valid	-9	13	1.30	1.30	1.30
	-1	83	8.31	8.31	9.61
	1 1 überhaupt nicht	38	3.80	3.80	13.41
	2 2	102	10.21	10.21	23.62
	3 3	228	22.82	22.82	46.45
	4 4	321	32.13	32.13	78.58
	5 5 in sehr hohem masse	214	21.42	21.42	100.00
	Total	999	100.00	100.00	

```
z_angeink — b18 in bezug auf ihr einkommen :
```

		Freq.	Percent	Valid	Cum.
Valid	-9	17	1.70	1.70	1.70
	-1	83	8.31	8.31	10.01
	1 1 überhaupt nicht	95	9.51	9.51	19.52
	2 2	158	15.82	15.82	35.34
	3 3	261	26.13	26.13	61.46
	4 4	290	29.03	29.03	90.49
	5 5 in sehr hohem masse	95	9.51	9.51	100.00
	Total	999	100.00	100.00	

```
. gen byte fit_pos = z_angpos if z_angpos>0
(96 missing values generated)
. gen byte fit_task = z_angaufg if z_angaufg>0
(96 missing values generated)
. gen byte fit_qual = z_angkefe if z_angkefe>0
(96 missing values generated)
. gen byte fit_earn = z_angeink if z_angeink>0
(100 missing values generated)
. fre z_bervor
z_bervor — b21 konnten sie bis heute ihre beruflichen vorstellungen im grossen und ganzen v
```

		Freq.	Percent	Valid	Cum.
Valid	-9	31	3.10	3.10	3.10
	1 ja, voll und ganz	277	27.73	27.73	30.83
	2 ja, eher	480	48.05	48.05	78.88
	3 nein, eher nicht	151	15.12	15.12	93.99
	4 nein, überhaupt nicht	60	6.01	6.01	100.00
	Total	999	100.00	100.00	

```
. gen byte success = inlist(z_bervor,1,2) if z_bervor>0
(31 missing values generated)
. // final dataset
. keep id cohort pw birthyr origin female uni subject langreg semesters mobil sjob ///
> partner kids working unempl notemp nereason /*noga*/ beruf isco sector position ///
> budget tempemp parttime lowpt earnings quali success ///
> fit_pos fit_task fit_qual fit_earn fachl3
. save 2002, replace
file 2002.dta saved
```

2.2 Cohort 2004

```
. zipuse dta/zb2009_de_02NOV2018.dta, clear
( )
. gen int cohort = 2004
. // Selection
. // - only master
. fre k_stufex
k_stufex — examensstufe
```

		Freq.	Percent	Valid	Cum.
Valid	15 bachelor	4527	35.04	35.04	35.04
	25 master	6455	49.97	49.97	85.01
	27 lehrdiplome	595	4.61	4.61	89.62
	40 doktorat	1341	10.38	10.38	100.00
	Total	12918	100.00	100.00	

```
. keep if k_stufex==25
(6,463 observations deleted)
. // - only university
```

```
. fre k_hstyp
k_hstyp — hochschultyp uh fh ph
```

		Freq.	Percent	Valid	Cum.
Valid	1 uh	6455	100.00	100.00	100.00

```
. keep if k_hstyp==1
(0 observations deleted)
. // - participation in 2nd wave
. fre welle
welle — gültiger fragebogen zweitbefragung
```

		Freq.	Percent	Valid	Cum.
Valid	1 teilnahme nur an erstbefragung	1966	30.46	30.78	30.78
	2 teilnahme an erst- und zweitbefragung	4421	68.49	69.22	100.00
	Total	6387	98.95	100.00	
Missing	.	68	1.05		
Total		6455	100.00		

```
. keep if welle==2
(2,034 observations deleted)
. // - disciplines
. keep if ///
> fachl2==103 /// 1.3 Historische + Kulturwiss.
> | fachl2==104 /// 1.4 Sozialwissenschaften
> | fachl3==20001 /// Volkswirtschaftslehre
> //
(3,199 observations deleted)
. fre fachl3
fachl3 — fachrichtung
```

		Freq.	Percent	Valid	Cum.
Valid	10301 philosophie	17	1.39	1.39	1.39
	10302 archäologie, ur- + frühgesch.	13	1.06	1.06	2.45
	10303 geschichte	180	14.73	14.73	17.18
	10304 kunstgeschichte	29	2.37	2.37	19.56
	10305 musikwissenschaft	3	0.25	0.25	19.80
	10306 theater-+ filmwissenschaft	8	0.65	0.65	20.46
	10307 ethnologie + volkskunde	40	3.27	3.27	23.73
	10401 psychologie	335	27.41	27.41	51.15
	10402 erziehungswissenschaften	97	7.94	7.94	59.08
	10404 sonderpädagogik	13	1.06	1.06	60.15
	10405 soziologie	73	5.97	5.97	66.12
	10406 sozialarbeit	27	2.21	2.21	68.33
	10407 humangeographie	25	2.05	2.05	70.38
	10408 politikwissenschaft	150	12.27	12.27	82.65
	10409 kommunikations- + medienwiss.	79	6.46	6.46	89.12
	10410 sozialwiss. fächerübergr./übrige	30	2.45	2.45	91.57
	20001 volkswirtschaftslehre	103	8.43	8.43	100.00
	Total	1222	100.00	100.00	

```
. // Selection of variables
. keep ///
> /// general variables
> cohort ///
> misid /// Identifikationsnummer
> z_k_gewicht annais k_bausl sexe abartld uni_pub fachl3 wovostbg_regling anzsem ///
> stuausl /// a3a haben sie im laufe ihres studiums einen oder mehrere studienaufenthalt(e) (m
> erwstinw /// b4b während dem studium - erwerbstätigkeiten während dem studium - haben sie
> /// (zusammenhang zu studium)
> k_note_stand /// b6 standardisierte note
> /// personal situation at time of interview
```

```

> z_wohnfor z_zivstan z_kind ///
> /// employment
> z_k_erwerbstat z_belage z_noga5 z_beruf5 z_isco4 z_wirber5 ///
> z_k_berstel z_stelbetr z_budgetv z_ansbef z_k_begradh ///
> z_k_beinkoh z_k_quali z_angpos z_angaufg z_angkefe z_angeink z_bevor ///
> //

```

```

. // variables for analysis
. rename misid id

```

```

. su id

```

Variable	Obs	Mean	Std. Dev.	Min	Max
id	1,222	6072.829	3502.861	230	12431

```

. rename z_k_gewicht pw
. su pw

```

Variable	Obs	Mean	Std. Dev.	Min	Max
pw	1,222	2.206267	.49174	1.821633	5.665725

```

. rename annais birthyr
. su birthyr

```

Variable	Obs	Mean	Std. Dev.	Min	Max
birthyr	1,222	1975.561	5.527611	1936	1982

```

. fre k_bausl

```

k_bausl — nationalität und bildungsherkunft

		Freq.	Percent	Valid	Cum.
Valid	0 schweizerinnen	1125	92.06	92.06	92.06
	1 bildungsinländerinnen	65	5.32	5.32	97.38
	2 bildungsausländerinnen	32	2.62	2.62	100.00
	Total	1222	100.00	100.00	

```

. gen byte origin = k_bausl
. lab def origin 0 "Swiss" 1 "foreign with Swiss education" 2 "foreign"
. lab val origin origin
. fre origin
origin

```

		Freq.	Percent	Valid	Cum.
Valid	0 Swiss	1125	92.06	92.06	92.06
	1 foreign with Swiss education	65	5.32	5.32	97.38
	2 foreign	32	2.62	2.62	100.00
	Total	1222	100.00	100.00	

```

. fre sexe
sexe — geschlecht

```

		Freq.	Percent	Valid	Cum.
Valid	1 männer	444	36.33	36.33	36.33
	2 frauen	778	63.67	63.67	100.00
	Total	1222	100.00	100.00	

```

. gen byte female = sexe==2
. fre uni_pub
uni_pub — hochschule

```

		Freq.	Percent	Valid	Cum.
Valid	1 universität basel	76	6.22	6.22	6.22

2	universität bern	148	12.11	12.11	18.33
3	universität freiburg	149	12.19	12.19	30.52
4	universität genf	253	20.70	20.70	51.23
5	universität lausanne	142	11.62	11.62	62.85
7	universität neuenburg	56	4.58	4.58	67.43
8	universität st. gallen	51	4.17	4.17	71.60
9	universität zürich	307	25.12	25.12	96.73
10	università della svizzera italiana	40	3.27	3.27	100.00
	Total	1222	100.00	100.00	

```
. rename uni_pub uni
. lab def uni ///
> 1 Basel ///
> 2 Bern ///
> 3 Fribourg ///
> 4 Geneva ///
> 5 Lausanne ///
> 6 Lucern ///
> 7 Neuchatel ///
> 8 "St Gall" ///
> 9 Zurich ///
> 10 "Svizzera Italiana", replace
```

```
. lab val uni uni
```

```
. fre uni
```

```
uni — hochschule
```

		Freq.	Percent	Valid	Cum.
Valid	1 Basel	76	6.22	6.22	6.22
	2 Bern	148	12.11	12.11	18.33
	3 Fribourg	149	12.19	12.19	30.52
	4 Geneva	253	20.70	20.70	51.23
	5 Lausanne	142	11.62	11.62	62.85
	7 Neuchatel	56	4.58	4.58	67.43
	8 St Gall	51	4.17	4.17	71.60
	9 Zurich	307	25.12	25.12	96.73
	10 Svizzera Italiana	40	3.27	3.27	100.00
	Total	1222	100.00	100.00	

```
. fre fachl3
```

```
fachl3 — fachrichtung
```

		Freq.	Percent	Valid	Cum.
Valid	10301 philosophie	17	1.39	1.39	1.39
	10302 archäologie, ur- + frühgesch.	13	1.06	1.06	2.45
	10303 geschichte	180	14.73	14.73	17.18
	10304 kunstgeschichte	29	2.37	2.37	19.56
	10305 musikwissenschaft	3	0.25	0.25	19.80
	10306 theater-+ filmwissenschaft	8	0.65	0.65	20.46
	10307 ethnologie + volkskunde	40	3.27	3.27	23.73
	10401 psychologie	335	27.41	27.41	51.15
	10402 erziehungswissenschaften	97	7.94	7.94	59.08
	10404 sonderpädagogik	13	1.06	1.06	60.15
	10405 soziologie	73	5.97	5.97	66.12
	10406 sozialarbeit	27	2.21	2.21	68.33
	10407 humangeographie	25	2.05	2.05	70.38
	10408 politikwissenschaft	150	12.27	12.27	82.65
	10409 kommunikations- + medienwiss.	79	6.46	6.46	89.12
	10410 sozialwiss. fächerübergr./übrige	30	2.45	2.45	91.57
	20001 volkswirtschaftslehre	103	8.43	8.43	100.00
	Total	1222	100.00	100.00	

```
. gen byte subject = 1 if fachl3==10405
(1,149 missing values generated)
```

```

. replace subject = 2 if int(fachl3/100)==104 & subject>=.
(756 real changes made)
. replace subject = 3 if fachl3==20001
(103 real changes made)
. replace subject = 4 if int(fachl3/100)==103
(290 real changes made)
. lab def subject 1 "sociology" 2 "social sciences" 3 "economics" 4 "history and culture"
. lab val subject subject
. fre subject
subject

```

		Freq.	Percent	Valid	Cum.
Valid	1 sociology	73	5.97	5.97	5.97
	2 social sciences	756	61.87	61.87	67.84
	3 economics	103	8.43	8.43	76.27
	4 history and culture	290	23.73	23.73	100.00
	Total	1222	100.00	100.00	

```

. fre wovostbg_regling
wovostbg_regling — sprachgebiet wohnort vor studienbeginn

```

		Freq.	Percent	Valid	Cum.
Valid	-5 ausland	50	4.09	4.09	4.09
	1 deutsches sprachgebiet	682	55.81	55.81	59.90
	2 französisches sprachgebiet	417	34.12	34.12	94.03
	3 italienisches sprachgebiet	73	5.97	5.97	100.00
	Total	1222	100.00	100.00	

```

. gen byte langreg = 1 if inlist(wovostbg_regling, 1, 4)
(540 missing values generated)
. replace langreg = 2 if inlist(wovostbg_regling, 2, 3)
(490 real changes made)
. replace langreg = 3 if wovostbg_regling== -5
(50 real changes made)
. lab def langreg 1 "german part" 2 "french or italian part" 3 "abroad"
. lab val langreg langreg
. fre langreg
langreg

```

		Freq.	Percent	Valid	Cum.
Valid	1 german part	682	55.81	55.81	55.81
	2 french or italian part	490	40.10	40.10	95.91
	3 abroad	50	4.09	4.09	100.00
	Total	1222	100.00	100.00	

```

. fre anzsem, t(5)
anzsem — b2 wie viele semester haben sie insgesamt ihr hauptfach bis zu ihrem studiumabsc

```

		Freq.	Percent	Valid	Cum.
Valid	-9	3	0.25	0.25	0.25
	0	1	0.08	0.08	0.33
	2	1	0.08	0.08	0.41
	3	1	0.08	0.08	0.49
	4	14	1.15	1.15	1.64
	:	:	:	:	:
	26	3	0.25	0.25	99.67
	28	1	0.08	0.08	99.75
	30	1	0.08	0.08	99.84
	32	1	0.08	0.08	99.92

33	1	0.08	0.08	100.00
Total	1222	100.00	100.00	

```
. gen byte semesters = anzsem if !inlist(anzsem,-9)
(3 missing values generated)
```

```
. fre stuausl
```

stuausl — b3a haben sie im laufe ihres studiums einen oder mehrere studienaufenthalt(e) (m

		Freq.	Percent	Valid	Cum.
Valid	-9	1	0.08	0.08	0.08
	1 ja, in der schweiz	49	4.01	4.01	4.09
	2 ja, im ausland	165	13.50	13.50	17.59
	3 ja, in der schweiz und im ausland	13	1.06	1.06	18.66
	4 nein	994	81.34	81.34	100.00
	Total	1222	100.00	100.00	

```
. gen byte mobil = inlist(stuausl, 2, 3) if stuausl>0
(1 missing value generated)
```

```
. fre erwstinw
```

erwstinw — b4b während dem studium - erwerbstätigkeiten während dem studium - haben sie

		Freq.	Percent	Valid	Cum.
Valid	-9	19	1.55	1.55	1.55
	1 ja	794	64.98	64.98	66.53
	2 nein	409	33.47	33.47	100.00
	Total	1222	100.00	100.00	

```
. gen byte sjob = erwstinw==1 if erwstinw>0 // had job related to studies
(19 missing values generated)
```

```
. fre k_note_stand, t(5)
```

k_note_stand — b6 standardisierte note

		Freq.	Percent	Valid	Cum.
Valid	-9	138	11.29	11.29	11.29
	0	2	0.16	0.16	11.46
	.1	3	0.25	0.25	11.70
	.12	1	0.08	0.08	11.78
	.125	2	0.16	0.16	11.95
	:	:	:	:	:
	.95	7	0.57	0.57	95.99
	.96	2	0.16	0.16	96.15
	.965	1	0.08	0.08	96.24
	.99	1	0.08	0.08	96.32
	1	45	3.68	3.68	100.00
	Total	1222	100.00	100.00	

```
. gen grade = k_note_stand if k_note_stand>=0
(138 missing values generated)
```

```
. fre z_wohnfor z_zivstan
```

z_wohnfor_07 — [a4] / in welcher wohnform leben sie gegenwärtig?

		Freq.	Percent	Valid	Cum.
Valid	1 mit einem/einer partner/in zusammen (ohne kinder)	503	41.16	41.16	41.16
	2 mit partner/in und kind/ern zusammen	278	22.75	22.75	63.91
	3 mit kind/ern zusammen (ohne partner/in)	11	0.90	0.90	64.81
	4 bei den eltern	41	3.36	3.36	68.17
	5 mit andern erwachsenen (ausser partner/in oder eltern) zusammen	74	6.06	6.06	74.22
	6 allein	315	25.78	25.78	100.00

Total	1222	100.00	100.00
-------	------	--------	--------

z_zivstan07 — [a5a] / geben sie bitte ihren familienstand an.

		Freq.	Percent	Valid	Cum.
Valid	1 ledig	521	42.64	42.64	42.64
	2 feste partnerschaft	312	25.53	25.53	68.17
	3 verheiratet	354	28.97	28.97	97.14
	4 getrennt	9	0.74	0.74	97.87
	5 geschieden	22	1.80	1.80	99.67
	6 verwitwet	4	0.33	0.33	100.00
	Total	1222	100.00	100.00	

```
. gen byte partner = inlist(z_zivstan,2,3) if z_zivstan>0
```

```
. fre z_kind
```

z_kind07 — [a6a] / haben oder teilen sie die verantwortung für kinder?

		Freq.	Percent	Valid	Cum.
Valid	1 ja	292	23.90	23.90	23.90
	2 nein	930	76.10	76.10	100.00
	Total	1222	100.00	100.00	

```
. gen byte kids = z_kind==1 if z_kind>0
```

```
. fre z_k_erwerbstat
```

z_k_erwerbstat — erwerbstätigkeitsstatus

		Freq.	Percent	Valid	Cum.
Valid	1 erwerbstätig	1135	92.88	92.88	92.88
	2 erwerbslos	21	1.72	1.72	94.60
	3 nichterwerbsperson	66	5.40	5.40	100.00
	Total	1222	100.00	100.00	

```
. gen byte working = z_k_erwerbstat==1 if z_k_erwerbstat>0
```

```
. gen byte unempl = z_k_erwerbstat==2 if z_k_erwerbstat>0
```

```
. gen byte notemp = z_k_erwerbstat==3 if z_k_erwerbstat>0
```

```
. fre z_belage
```

z_belage — [b1] / sind sie zurzeit erwerbstätig?

		Freq.	Percent	Valid	Cum.
Valid	1 ja, ich übe eine erwerbstätigkeit aus	895	73.24	73.24	73.24
	2 ja, ich übe mehrere erwerbstätigkeiten aus	216	17.68	17.68	90.92
	3 nein, auf der suche nach erwerbstätigkeit	39	3.19	3.19	94.11
	4 nein, aber ich habe definitiv stelle/auftrag zugesichert	12	0.98	0.98	95.09
	5 nein, befinde mich in ausbildung	20	1.64	1.64	96.73
	6 nein, ich führe haushalt/betreue kinder	23	1.88	1.88	98.61
	7 nein, andere gründe	17	1.39	1.39	100.00
	Total	1222	100.00	100.00	

```
. gen byte nereason = 1 if z_belage==6 & notemp==1  
(1,201 missing values generated)
```

```
. replace nereason = 2 if z_belage==5 & notemp==1  
(17 real changes made)
```

```
. replace nereason = 3 if nereason>=. & notemp==1  
(28 real changes made)
```

```
. lab def nereason 1 "household/kids" 2 "in education" 3 "other"
```

```
. lab val nereason nereason
```

```
. fre nereason
```

nereason

		Freq.	Percent	Valid	Cum.
Valid	1 household/kids	21	1.72	31.82	31.82
	2 in education	17	1.39	25.76	57.58
	3 other	28	2.29	42.42	100.00
	Total	66	5.40	100.00	
Missing	.	1156	94.60		
Total		1222	100.00		

. fre z_noga, t(5)

z_noga5 — [b7] / zweite welle, noga2008 6-stellig

		Freq.	Percent	Valid	Cum.
Valid	-9	119	9.74	9.74	9.74
	-1	111	9.08	9.08	18.82
	1014100 haltung von milchkühen	1	0.08	0.08	18.90
	1015000 gemischte landwirtschaft	1	0.08	0.08	18.99
	1021000 forstwirtschaft	1	0.08	0.08	19.07
	:	:	:	:	:
	1949903 jugendorganisationen	1	0.08	0.08	98.45
	1949904 sonstige interessenvertretungen und vereinigungen a. n. g.	10	0.82	0.82	99.26
	1960900 erbringung von sonstigen dienstleistungen a. n. g.	1	0.08	0.08	99.35
	1990002 botschaften	1	0.08	0.08	99.43
	1990003 internationale organisationen mit behördecharakter	7	0.57	0.57	100.00
	Total	1222	100.00	100.00	

. rename z_noga noga

. replace noga = . if noga<0
(230 real changes made, 230 to missing)

. fre z_beruf5, t(5)

z_beruf5 — [b8] / zweite welle, beruf, 5-stellig

		Freq.	Percent	Valid	Cum.
Valid	-999	3	0.25	0.25	0.25
	-9	16	1.31	1.31	1.55
	-1	111	9.08	9.08	10.64
	11101 landwirte/landwirtinnen, bauern/bäuerinnen	1	0.08	0.08	10.72
	29101 warennachseher/innen und -sortierer/innen	1	0.08	0.08	10.80
	:	:	:	:	:
	91106 dienstleistungsberufe, wna	18	1.47	1.47	90.43
	91108 sonstige nicht einzuordnende berufe	82	6.71	6.71	97.14
	92101 arbeitskräfte mit nicht bestimmbarer kader- oder expertenfunktion	16	1.31	1.31	98.45
	92103 arbeitskräfte mit nicht bestimmbarer nicht-manueller berufstätigkeit	8	0.65	0.65	99.10
	92104 arbeitskräfte mit nicht bestimmbarer berufstätigkeit	11	0.90	0.90	100.00
	Total	1222	100.00	100.00	

. replace z_beruf5 = . if z_beruf5<0
(130 real changes made, 130 to missing)

. rename z_beruf5 beruf

. fre z_isco4, t(5)

z_isco4 — b8isco 4-stellig

		Freq.	Percent	Valid	Cum.
Valid	-999 keine zuweisung möglich	13	1.06	1.06	1.06

-9	16	1.31	1.31	2.37
-1	111	9.08	9.08	11.46
10110 offiziere in regulären streitkräften	2	0.16	0.16	11.62
11000 führungskräfte, ona	46	3.76	3.76	15.38
:	:	:	:	:
15410 schutzkräfte und sicherheitsbedienstete, ona	1	0.08	0.08	99.51
15414 sicherheitswachpersonal	1	0.08	0.08	99.59
16130 landwirte mit ackerbau und tierhaltung (ohne ausgeprägten schwerpunkt)	1	0.08	0.08	99.67
17543 produkttester und -klassierer (ohne nahrungsmittel und getränke)	1	0.08	0.08	99.75
19000 hilfsarbeitskräfte, ona	3	0.25	0.25	100.00
Total	1222	100.00	100.00	

```
. rename z_isco4 isco
. replace isco = . if isco<0
(140 real changes made, 140 to missing)
. fre isco, t(5)
isco — b8isco 4-stellig
```

		Freq.	Percent	Valid	Cum.
Valid	10110 offiziere in regulären streitkräften	2	0.16	0.18	0.18
	11000 führungskräfte, ona	46	3.76	4.25	4.44
	11112 leitende verwaltungsbedienstete	12	0.98	1.11	5.55
	11114 leitende bedienstete von interessenorganisationen	9	0.74	0.83	6.38
	11120 geschäftsführer und vorstände	24	1.96	2.22	8.60
	:	:	:	:	:
	15410 schutzkräfte und sicherheitsbedienstete, ona	1	0.08	0.09	99.45
	15414 sicherheitswachpersonal	1	0.08	0.09	99.54
	16130 landwirte mit ackerbau und tierhaltung (ohne ausgeprägten schwerpunkt)	1	0.08	0.09	99.63
	17543 produkttester und -klassierer (ohne nahrungsmittel und getränke)	1	0.08	0.09	99.72
	19000 hilfsarbeitskräfte, ona	3	0.25	0.28	100.00
	Total	1082	88.54	100.00	
Missing	.	140	11.46		
Total		1222	100.00		

```
. fre z_wirber5
z_wirber5 — [b10] / sind sie im öffentlichen dienst oder privaten sektor tätig?
```

		Freq.	Percent	Valid	Cum.
Valid	-9	16	1.31	1.31	1.31
	-1	111	9.08	9.08	10.39
	1 öffentlicher dienst	579	47.38	47.38	57.77
	2 privater nicht gewinnorientierter (non profit) sektor	150	12.27	12.27	70.05
	3 privater gewinnorientierter sektor	366	29.95	29.95	100.00
	Total	1222	100.00	100.00	

```
. gen byte sector = 1 if z_wirber5==1
(643 missing values generated)
. replace sector = 2 if z_wirber5==2
(150 real changes made)
. replace sector = 3 if z_wirber5==3
(366 real changes made)
. lab def sector 1 "public" 2 "NGO" 3 "for profit"
. lab val sector sector
. fre sector
sector
```

		Freq.	Percent	Valid	Cum.
Valid	1 public	579	47.38	52.88	52.88
	2 NGO	150	12.27	13.70	66.58
	3 for profit	366	29.95	33.42	100.00
	Total	1095	89.61	100.00	
Missing	.	127	10.39		
Total		1222	100.00		

```
. fre z_k_berstel z_stelbetr
z_k_berstel03 — [] / berufliche stellung
```

		Freq.	Percent	Valid	Cum.
Valid	-9	13	1.06	1.06	1.06
	-1	111	9.08	9.08	10.15
	1 praktikant/in	18	1.47	1.47	11.62
	2 assistent/in, doktorand/in	145	11.87	11.87	23.49
	3 angestellte/r ohne führungsfunktion	514	42.06	42.06	65.55
	4 angestellte/r mit führungsfunktion	382	31.26	31.26	96.81
	5 selbstständige/r	39	3.19	3.19	100.00
	Total	1222	100.00	100.00	

```
z_stelbetr07 — [b12a] / bezogen auf ihre haupterwerbstätigkeit: welches ist ihre berufliche st
```

		Freq.	Percent	Valid	Cum.
Valid	-9	13	1.06	1.06	1.06
	-1	111	9.08	9.08	10.15
	1 praktikant/-in, volontär/-in	18	1.47	1.47	11.62
	2 doktorand/-in, habilitand/-in u.ä. an hs	145	11.87	11.87	23.49
	3 professor/-in (nicht aber titularprofessor/-in)	3	0.25	0.25	23.73
	4 assistenzarzt/-ärztin	5	0.41	0.41	24.14
	5 lehrer/-in	97	7.94	7.94	32.08
	6 arbeitnehmer/-in ohne führungsfunktion	410	33.55	33.55	65.63
	7 arbeitnehmer/-in mit ffkt./unteres kader (z.b. projektleiter/-in)	255	20.87	20.87	86.50
	8 arbeitnehmer/-in mit ffkt./mittleres kader (z.b. stabsstelle)	91	7.45	7.45	93.94
	9 arbeitnehmer/-in mit ffkt./oberes kader (z.b. geschäftsleitung)	33	2.70	2.70	96.64
	10 mitarbeitendes familienmitglied	2	0.16	0.16	96.81
	11 selbstständig ohne arbeitnehmer	30	2.45	2.45	99.26
	12 selbstständig mit arbeitnehmern	9	0.74	0.74	100.00
	Total	1222	100.00	100.00	

```
. gen byte position = 1 if z_k_berstel==3
(708 missing values generated)
. replace position = 2 if z_k_berstel==4
(382 real changes made)
. replace position = 3 if position==2 & z_stelbetr==8
(91 real changes made)
. replace position = 4 if position==2 & inlist(z_stelbetr,3,9) // 3 is Professor
(36 real changes made)
. replace position = 5 if z_k_berstel==5
(39 real changes made)
. replace position = 6 if z_k_berstel==2
(145 real changes made)
. replace position = 7 if z_k_berstel==1
(18 real changes made)
. lab def position 1 employee 2 "low management" 3 "mid management" 4 "high management" ///
> 5 "selfemp" 6 "assistant" 7 "trainee"
. lab val position position
. fre position
```

position

		Freq.	Percent	Valid	Cum.
Valid	1 employee	514	42.06	46.81	46.81
	2 low management	255	20.87	23.22	70.04
	3 mid management	91	7.45	8.29	78.32
	4 high management	36	2.95	3.28	81.60
	5 selfemp	39	3.19	3.55	85.15
	6 assistant	145	11.87	13.21	98.36
	7 trainee	18	1.47	1.64	100.00
	Total	1098	89.85	100.00	
Missing	.	124	10.15		
Total		1222	100.00		

. fre z_budgetv

z_budgetv — [b12c] / haben sie budgetverantwortung (z.b. als projekt-/geschäftsleitende/-r)

		Freq.	Percent	Valid	Cum.
Valid	-9	14	1.15	1.15	1.15
	-1	539	44.11	44.11	45.25
	1 ja	159	13.01	13.01	58.27
	2 nein	510	41.73	41.73	100.00
	Total	1222	100.00	100.00	

. gen byte budget = z_budgetv==1 if z_budgetv!=-9 & working==1
(101 missing values generated)

. fre z_ansbef

z_ansbef — [b13] / sind sie befristet oder unbefristet beschäftigt?

		Freq.	Percent	Valid	Cum.
Valid	-9	14	1.15	1.15	1.15
	-1	150	12.27	12.27	13.42
	1 befristet	248	20.29	20.29	33.72
	2 unbefristet	810	66.28	66.28	100.00
	Total	1222	100.00	100.00	

. gen byte tempemp = z_ansbef==1 if z_ansbef!=-9 & working==1
(101 missing values generated)

. fre z_k_begradh

z_k_begradh — [] / beschäftigungsgrad hauptbeschäftigung

		Freq.	Percent	Valid	Cum.
Valid	-9	18	1.47	1.47	1.47
	-1	111	9.08	9.08	10.56
	1 < 50%	68	5.56	5.56	16.12
	2 50% - 89%	459	37.56	37.56	53.68
	3 90% - 100%	566	46.32	46.32	100.00
	Total	1222	100.00	100.00	

. gen byte parttime = inlist(z_k_begradh,1,2) if z_k_begradh!=-9 & working==1
(105 missing values generated)

. gen byte lowpt = z_k_begradh==1 if z_k_begradh!=-9 & working==1
(105 missing values generated)

. fre z_k_beinkoh, t(5)

z_k_beinkoh — [] / standardisierter bruttolohn - haupterwerbstätigkeit

		Freq.	Percent	Valid	Cum.
Valid	-9	100	8.18	8.18	8.18
	-1	111	9.08	9.08	17.27

0	5	0.41	0.41	17.68
96	1	0.08	0.08	17.76
5100	1	0.08	0.08	17.84
:	:	:	:	:
281666.6667	1	0.08	0.08	99.67
307500	1	0.08	0.08	99.75
338000	1	0.08	0.08	99.84
820000	1	0.08	0.08	99.92
961325	1	0.08	0.08	100.00
Total	1222	100.00	100.00	

. gen earnings = z_k_beinkoh/1000 if z_k_beinkoh>0
(216 missing values generated)

. fre z_k_quali

z_k_quali — [] / qualifikationsanforderungen

		Freq.	Percent	Valid	Cum.
Valid	-9	66	5.40	5.40	5.40
	-1	111	9.08	9.08	14.48
	1 nein, ein hochschulabschluss wurde nicht verlangt	173	14.16	14.16	28.64
	2 es wurde keine spezifische studienrichtung verlangt	217	17.76	17.76	46.40
	3 auch in verwandten fächern	340	27.82	27.82	74.22
	4 ausschliesslich in meinem studienfach	315	25.78	25.78	100.00
	Total	1222	100.00	100.00	

. gen byte quali = inlist(z_k_quali,3,4) if z_k_quali!=-9 & working==1 // same or related qualification
(153 missing values generated)

. fre z_angpos z_angaufg z_angkefe z_angeink

z_angpos — [b18] / in bezug auf ihre berufliche position

		Freq.	Percent	Valid	Cum.
Valid	-9	32	2.62	2.62	2.62
	-1	111	9.08	9.08	11.70
	1 1 überhaupt nicht	57	4.66	4.66	16.37
	2 2	115	9.41	9.41	25.78
	3 3	239	19.56	19.56	45.34
	4 4	377	30.85	30.85	76.19
	5 5 in sehr hohem masse	291	23.81	23.81	100.00
	Total	1222	100.00	100.00	

z_angaufg — [b18] / in bezug auf die ihnen übertragenen aufgaben

		Freq.	Percent	Valid	Cum.
Valid	-9	37	3.03	3.03	3.03
	-1	111	9.08	9.08	12.11
	1 1 überhaupt nicht	51	4.17	4.17	16.28
	2 2	138	11.29	11.29	27.58
	3 3	238	19.48	19.48	47.05
	4 4	384	31.42	31.42	78.48
	5 5 in sehr hohem masse	263	21.52	21.52	100.00
	Total	1222	100.00	100.00	

z_angkefe07 — [b18] / in bezug auf das qualifikationsprofil des arbeitsplatzes

		Freq.	Percent	Valid	Cum.
Valid	-9	42	3.44	3.44	3.44
	-1	111	9.08	9.08	12.52
	1 1 überhaupt nicht	42	3.44	3.44	15.96
	2 2	147	12.03	12.03	27.99
	3 3	233	19.07	19.07	47.05

4	4	362	29.62	29.62	76.68
5	5 in sehr hohem masse	285	23.32	23.32	100.00
Total		1222	100.00	100.00	

z_angeink — [b18] / in bezug auf ihr einkommen

		Freq.	Percent	Valid	Cum.
Valid	-9	39	3.19	3.19	3.19
	-1	111	9.08	9.08	12.27
	1 1 überhaupt nicht	113	9.25	9.25	21.52
	2 2	206	16.86	16.86	38.38
	3 3	279	22.83	22.83	61.21
	4 4	324	26.51	26.51	87.73
	5 5 in sehr hohem masse	150	12.27	12.27	100.00
Total		1222	100.00	100.00	

```
. gen byte fit_pos = z_angpos if z_angpos>0
(143 missing values generated)
. gen byte fit_task = z_angaufg if z_angaufg>0
(148 missing values generated)
. gen byte fit_qual = z_angkefe if z_angkefe>0
(153 missing values generated)
. gen byte fit_earn = z_angeink if z_angeink>0
(150 missing values generated)
. fre z_bervor
```

z_bervor — [b21] / konnten sie bis heute ihre beruflichen vorstellungen im grossen und ganz

		Freq.	Percent	Valid	Cum.
Valid	-9	53	4.34	4.34	4.34
	1 ja, voll und ganz	344	28.15	28.15	32.49
	2 ja, eher	561	45.91	45.91	78.40
	3 nein, eher nicht	191	15.63	15.63	94.03
	4 nein, überhaupt nicht	73	5.97	5.97	100.00
Total		1222	100.00	100.00	

```
. gen byte success = inlist(z_bervor,1,2) if z_bervor>0
(53 missing values generated)
. // final dataset
. keep id cohort pw birthyr origin female uni subject langreg semesters mobil sjob ///
> grade partner kids working unempl notemp nereason noga beruf isco sector position ///
> budget tempemp parttime lowpt earnings quali success ///
> fit_pos fit_task fit_qual fit_earn fachl3
. save 2004, replace
file 2004.dta saved
```

2.3 Cohort 2006

```
. zipuse dta/zb2011_de_02NOV2018.dta, clear
( )
```

```
. gen int cohort = 2006
. // Selection
. // - only master
. fre k_stufex
```

k_stufex — examensstufe

		Freq.	Percent	Valid	Cum.
Valid	15 bachelor	7564	45.83	45.83	45.83
	25 master	6052	36.67	36.67	82.50
	27 lehrdiplome	1448	8.77	8.77	91.27

40 doktorat	1441	8.73	8.73	100.00
Total	16505	100.00	100.00	

```
. keep if k_stufex==25
(10,453 observations deleted)
. // - only university
. fre k_hstyp
k_hstyp — hochschulstyp uh fh ph
```

	Freq.	Percent	Valid	Cum.
Valid 1 uh	6052	100.00	100.00	100.00

```
. keep if k_hstyp==1
(0 observations deleted)
. // - participation in 2nd wave
. fre welle
welle — gültiger fragebogen zb
```

	Freq.	Percent	Valid	Cum.
Valid 1	1894	31.30	31.30	31.30
2	4158	68.70	68.70	100.00
Total	6052	100.00	100.00	

```
. keep if welle==2
(1,894 observations deleted)
. // - disciplines
. keep if ///
> fachl2==103 /// 1.3 Historische + Kulturwiss.
> | fachl2==104 /// 1.4 Sozialwissenschaften
> | fachl3==20001 /// Volkswirtschaftslehre
> //
(2,786 observations deleted)
. fre fachl3
fachl3 — fachrichtung uh
```

	Freq.	Percent	Valid	Cum.
Valid 10301 philosophie	23	1.68	1.68	1.68
10302 archäologie, ur- + frühgesch.	22	1.60	1.60	3.28
10303 geschichte	176	12.83	12.83	16.11
10304 kunstgeschichte	34	2.48	2.48	18.59
10305 musikwissenschaft	5	0.36	0.36	18.95
10306 theater-+ filmwissenschaft	13	0.95	0.95	19.90
10307 ethnologie + volkskunde	65	4.74	4.74	24.64
10401 psychologie	421	30.69	30.69	55.32
10402 erziehungswissenschaften	68	4.96	4.96	60.28
10404 sonderpädagogik	26	1.90	1.90	62.17
10405 soziologie	74	5.39	5.39	67.57
10406 sozialarbeit	15	1.09	1.09	68.66
10407 humangeographie	16	1.17	1.17	69.83
10408 politikwissenschaft	201	14.65	14.65	84.48
10409 kommunikations- + medienwiss.	108	7.87	7.87	92.35
10410 sozialwiss. fächerübergr./übrige	26	1.90	1.90	94.24
20001 volkswirtschaftslehre	79	5.76	5.76	100.00
Total	1372	100.00	100.00	

```
. // Selection of variables
. keep ///
> /// general variables
> cohort ///
> id_mis /// Identifikationsnummer
> z_k_gewicht annais k_bausl sexe abartld uni_pub fachl3 wovostbg_regling anzsem ///
> stuaufal /// [a2a (ba und ma), a5 (dr)]/ ja, im ausland
```

```

> erwstiw7          /// [a3a]/ während dem studium :
> k_note_stand     ///
> /// personal situation at time of interview
> z_ohnfal         /// c8 wohnform - allein
> z_ohnfpa         /// c8 wohnform - mit meinem partner/meiner partnerin
> z_ohnfki         /// c8 wohnform - mit kind/ern
> z_ohnfel         /// c8 wohnform - bei den eltern
> z_ohnfer         /// c8 wohnform - mit anderen erwachsenen
> z_zivstan z_kind ///
> /// employment
> z_k_erwerbstat z_belage11 z_noga5 z_beruf5 z_isco4 z_wirber5 ///
> z_k_berstel z_stelbetr11 z_budgetv z_ansbef7 z_k_begradh ///
> z_k_beinkoh z_k_quali z_angpos z_angaufg z_angkefe z_angeink z_bevor ///
> //

```

```

. // variables for analysis
. rename id_mis id

```

```

. su id

```

Variable	Obs	Mean	Std. Dev.	Min	Max
id	1,372	42494.46	18823.43	10000	75534

```

. rename z_k_gewicht pw

```

```

. su pw

```

Variable	Obs	Mean	Std. Dev.	Min	Max
pw	1,372	2.253141	.5330729	1.820335	7.305687

```

. rename annais birthy

```

```

. su birthy

```

Variable	Obs	Mean	Std. Dev.	Min	Max
birthy	1,372	1977.674	5.302888	1933	1985

```

. fre k_bausl

```

k_bausl — nationalität und bildungsherkunft

		Freq.	Percent	Valid	Cum.
Valid	0 schweizerinnen	1258	91.69	91.69	91.69
	1 bildungsinländerinnen	57	4.15	4.15	95.85
	2 bildungausländerinnen	57	4.15	4.15	100.00
	Total	1372	100.00	100.00	

```

. gen byte origin = k_bausl

```

```

. lab def origin 0 "Swiss" 1 "foreign with Swiss education" 2 "foreign"

```

```

. lab val origin origin

```

```

. fre origin

```

origin

		Freq.	Percent	Valid	Cum.
Valid	0 Swiss	1258	91.69	91.69	91.69
	1 foreign with Swiss education	57	4.15	4.15	95.85
	2 foreign	57	4.15	4.15	100.00
	Total	1372	100.00	100.00	

```

. fre sexe

```

sexe — geschlecht

		Freq.	Percent	Valid	Cum.
Valid	1 männer	429	31.27	31.27	31.27
	2 frauen	943	68.73	68.73	100.00
	Total	1372	100.00	100.00	

```
. gen byte female = sexe==2
. fre uni_pub
uni_pub — hochschule uh
```

			Freq.	Percent	Valid	Cum.
Valid	1	universität basel	83	6.05	6.05	6.05
	2	universität bern	183	13.34	13.34	19.39
	3	universität freiburg	218	15.89	15.89	35.28
	4	universität genf	249	18.15	18.15	53.43
	5	universität lausanne	186	13.56	13.56	66.98
	6	universität luzern	3	0.22	0.22	67.20
	7	universität neuenburg	51	3.72	3.72	70.92
	8	universität st. gallen	12	0.87	0.87	71.79
	9	universität zürich	370	26.97	26.97	98.76
	10	università della svizzera italiana	17	1.24	1.24	100.00
		Total	1372	100.00	100.00	

```
. rename uni_pub uni
. lab def uni ///
> 1 Basel ///
> 2 Bern ///
> 3 Fribourg ///
> 4 Geneva ///
> 5 Lausanne ///
> 6 Lucern ///
> 7 Neuchatel ///
> 8 "St Gall" ///
> 9 Zurich ///
> 10 "Svizzera Italiana", replace
. lab val uni uni
. fre uni
uni — hochschule uh
```

			Freq.	Percent	Valid	Cum.
Valid	1	Basel	83	6.05	6.05	6.05
	2	Bern	183	13.34	13.34	19.39
	3	Fribourg	218	15.89	15.89	35.28
	4	Geneva	249	18.15	18.15	53.43
	5	Lausanne	186	13.56	13.56	66.98
	6	Lucern	3	0.22	0.22	67.20
	7	Neuchatel	51	3.72	3.72	70.92
	8	St Gall	12	0.87	0.87	71.79
	9	Zurich	370	26.97	26.97	98.76
	10	Svizzera Italiana	17	1.24	1.24	100.00
		Total	1372	100.00	100.00	

```
. fre fachl3
fachl3 — fachrichtung uh
```

			Freq.	Percent	Valid	Cum.
Valid	10301	philosophie	23	1.68	1.68	1.68
	10302	archäologie, ur- + frühgesch.	22	1.60	1.60	3.28
	10303	geschichte	176	12.83	12.83	16.11
	10304	kunstgeschichte	34	2.48	2.48	18.59
	10305	musikwissenschaft	5	0.36	0.36	18.95
	10306	theater-+ filmwissenschaft	13	0.95	0.95	19.90
	10307	ethnologie + volkskunde	65	4.74	4.74	24.64
	10401	psychologie	421	30.69	30.69	55.32
	10402	erziehungswissenschaften	68	4.96	4.96	60.28
	10404	sonderpädagogik	26	1.90	1.90	62.17
	10405	soziologie	74	5.39	5.39	67.57
	10406	sozialarbeit	15	1.09	1.09	68.66

10407 humangeographie	16	1.17	1.17	69.83
10408 politikwissenschaft	201	14.65	14.65	84.48
10409 kommunikations- + medienwiss.	108	7.87	7.87	92.35
10410 sozialwiss. fächerübergr./übrige	26	1.90	1.90	94.24
20001 volkswirtschaftslehre	79	5.76	5.76	100.00
Total	1372	100.00	100.00	

```
. gen byte subject = 1 if fachl3==10405
(1,298 missing values generated)
. replace subject = 2 if int(fachl3/100)==104 & subject>=.
(881 real changes made)
. replace subject = 3 if fachl3==20001
(79 real changes made)
. replace subject = 4 if int(fachl3/100)==103
(338 real changes made)
. lab def subject 1 "sociology" 2 "social sciences" 3 "economics" 4 "history and culture"
. lab val subject subject
. fre subject
subject
```

		Freq.	Percent	Valid	Cum.
Valid	1 sociology	74	5.39	5.39	5.39
	2 social sciences	881	64.21	64.21	69.61
	3 economics	79	5.76	5.76	75.36
	4 history and culture	338	24.64	24.64	100.00
	Total	1372	100.00	100.00	

```
. fre wovostbg_regling
wovostbg_regling — sprachgebiet wohnort vor studienbeginn
```

		Freq.	Percent	Valid	Cum.
Valid	-5 ausland	75	5.47	5.47	5.47
	1 deutsches sprachgebiet	795	57.94	57.94	63.41
	2 französisches sprachgebiet	434	31.63	31.63	95.04
	3 italienisches sprachgebiet	67	4.88	4.88	99.93
	4 rätoromanisches sprachgebiet	1	0.07	0.07	100.00
	Total	1372	100.00	100.00	

```
. gen byte langreg = 1 if inlist(wovostbg_regling, 1, 4)
(576 missing values generated)
. replace langreg = 2 if inlist(wovostbg_regling, 2, 3)
(501 real changes made)
. replace langreg = 3 if wovostbg_regling==5
(75 real changes made)
. lab def langreg 1 "german part" 2 "french or italian part" 3 "abroad"
. lab val langreg langreg
. fre langreg
langreg
```

		Freq.	Percent	Valid	Cum.
Valid	1 german part	796	58.02	58.02	58.02
	2 french or italian part	501	36.52	36.52	94.53
	3 abroad	75	5.47	5.47	100.00
	Total	1372	100.00	100.00	

```
. fre anzsem, t(5)
anzsem — [ala (ba), al (ma)]/ bitte die anzahl semester ohne eventuelle urlaubssemester e
```

	Freq.	Percent	Valid	Cum.
--	-------	---------	-------	------

Valid					
-9	42	3.06	3.06	3.06	
1	1	0.07	0.07	3.13	
3	1	0.07	0.07	3.21	
4	2	0.15	0.15	3.35	
5	3	0.22	0.22	3.57	
:	:	:	:	:	
24	2	0.15	0.15	99.64	
26	1	0.07	0.07	99.71	
28	2	0.15	0.15	99.85	
34	1	0.07	0.07	99.93	
42	1	0.07	0.07	100.00	
Total	1372	100.00	100.00		

```
. gen byte semesters = anzsem if !inlist(anzsem,-9)
(42 missing values generated)
```

```
. fre stuaufal
```

```
stuaufal — [a2a (ba und ma), a5 (dr)]/ ja, im ausland
```

		Freq.	Percent	Valid	Cum.
Valid	-9	10	0.73	0.73	0.73
	-1	1042	75.95	75.95	76.68
	0 nicht genannt	56	4.08	4.08	80.76
	1 genannt	264	19.24	19.24	100.00
Total		1372	100.00	100.00	

```
. gen byte mobil = stuaufal==1 if stuaufal!=-9
(10 missing values generated)
```

```
. fre erwstiw7
```

```
erwstiw7 — [a3a]/ während dem studium :
```

		Freq.	Percent	Valid	Cum.
Valid	-9	27	1.97	1.97	1.97
	1 regelmässig	466	33.97	33.97	35.93
	2 gelegentlich	444	32.36	32.36	68.29
	3 nie	435	31.71	31.71	100.00
Total		1372	100.00	100.00	

```
. gen byte sjob = inlist(erwstiw7,1,2) if erwstiw7>0 // had job related to studies
(27 missing values generated)
```

```
. fre k_note_stand, t(5)
```

```
k_note_stand — [a5]/ standardisierte abschlussnote auf einer skala von 4 bis 6
```

		Freq.	Percent	Valid	Cum.
Valid	-9	90	6.56	6.56	6.56
	0	5	0.36	0.36	6.92
	.125	1	0.07	0.07	7.00
	.135	1	0.07	0.07	7.07
	.15	10	0.73	0.73	7.80
	:	:	:	:	:
	.94	3	0.22	0.22	95.55
	.945	1	0.07	0.07	95.63
	.95	9	0.66	0.66	96.28
	.98	1	0.07	0.07	96.36
	1	50	3.64	3.64	100.00
Total		1372	100.00	100.00	

```
. gen grade = k_note_stand if k_note_stand>=0
(90 missing values generated)
```

```
. fre z_wohnf* z_zivstan
```

```
z_wohnfal — c8 wohnform - allein
```

		Freq.	Percent	Valid	Cum.
Valid	-9	57	4.15	4.15	4.15
	0 nicht genannt	993	72.38	72.38	76.53
	1 genannt	322	23.47	23.47	100.00
	Total	1372	100.00	100.00	

z_wohnfpa — c8 wohnform - mit meinem partner/meiner partnerin

		Freq.	Percent	Valid	Cum.
Valid	-9	57	4.15	4.15	4.15
	0 nicht genannt	495	36.08	36.08	40.23
	1 genannt	820	59.77	59.77	100.00
	Total	1372	100.00	100.00	

z_wohnfki — c8 wohnform - mit kind/ern

		Freq.	Percent	Valid	Cum.
Valid	-9	57	4.15	4.15	4.15
	0 nicht genannt	994	72.45	72.45	76.60
	1 genannt	321	23.40	23.40	100.00
	Total	1372	100.00	100.00	

z_wohnfel — c8 wohnform - bei den eltern

		Freq.	Percent	Valid	Cum.
Valid	-9	57	4.15	4.15	4.15
	0 nicht genannt	1271	92.64	92.64	96.79
	1 genannt	44	3.21	3.21	100.00
	Total	1372	100.00	100.00	

z_wohnfer — c8 wohnform - mit anderen erwachsenen

		Freq.	Percent	Valid	Cum.
Valid	-9	57	4.15	4.15	4.15
	0 nicht genannt	1198	87.32	87.32	91.47
	1 genannt	117	8.53	8.53	100.00
	Total	1372	100.00	100.00	

z_zivstan7 — c9 zivilstand

		Freq.	Percent	Valid	Cum.
Valid	-9	56	4.08	4.08	4.08
	1 ledig	857	62.46	62.46	66.55
	2 verheiratet/eingetragene partnerschaft	429	31.27	31.27	97.81
	3 verwitwet	1	0.07	0.07	97.89
	4 geschieden	29	2.11	2.11	100.00
	Total	1372	100.00	100.00	

. gen byte partner = z_zivstan==2 if z_zivstan>0
(56 missing values generated)

. replace partner = 1 if z_wohnfpa==1 & partner<.
(416 real changes made)

. fre z_kind

z_kind — c10a haben oder teilen sie die verantwortung für kinder?

		Freq.	Percent	Valid	Cum.
Valid	-9	57	4.15	4.15	4.15

1 ja	334	24.34	24.34	28.50
2 nein	981	71.50	71.50	100.00
Total	1372	100.00	100.00	

```
. gen byte kids = z_kind==1 if z_kind>0
(57 missing values generated)
```

```
. fre z_k_erwerbstat
```

```
z_k_erwerbstat — erwerbstätigkeitsstatus
```

		Freq.	Percent	Valid	Cum.
Valid	1 erwerbstätig	1284	93.59	93.59	93.59
	2 erwerbslos	30	2.19	2.19	95.77
	3 nichterwerbsperson	58	4.23	4.23	100.00
	Total	1372	100.00	100.00	

```
. gen byte working = z_k_erwerbstat==1 if z_k_erwerbstat>0
```

```
. gen byte unempl = z_k_erwerbstat==2 if z_k_erwerbstat>0
```

```
. gen byte notemp = z_k_erwerbstat==3 if z_k_erwerbstat>0
```

```
. fre z_belage
```

```
z_belage11 — b1 sind sie zurzeit erwerbstätig (als arbeitnehmer/in oder selbstständige/r)?
```

		Freq.	Percent	Valid	Cum.
Valid	1 ja, ich übe eine erwerbstätigkeit aus	1081	78.79	78.79	78.79
	2 ja, ich übe mehrere erwerbstätigkeiten aus	189	13.78	13.78	92.57
	3 ich bin in einem beschäftigungsprogramm des arbeitsamtes (rav) eingeschrieben	4	0.29	0.29	92.86
	4 nein, ich bin auf der suche nach einer erwerbstätigkeit	17	1.24	1.24	94.10
	5 nein, ich habe aber definitiv eine stelle oder einen auftrag zugesichert bekommen	5	0.36	0.36	94.46
	6 nein, ich gehe zurzeit keiner erwerbstätigkeit nach, weil ich mich ausschliesslich in ausbildung befinde (z.b. zweitstu	20	1.46	1.46	95.92
	7 nein, ich gehe zurzeit keiner erwerbstätigkeit nach, weil ich den haushalt führe bzw. kinder betreue	27	1.97	1.97	97.89
	8 nein, ich gehe zurzeit keiner erwerbstätigkeit nach, weil ich auf reisen bin	7	0.51	0.51	98.40
	10 nein, ich bin aus anderen gründen nicht erwerbstätig	22	1.60	1.60	100.00
	Total	1372	100.00	100.00	

```
. gen byte nereason = 1 if z_belage==7 & notemp==1
(1,348 missing values generated)
```

```
. replace nereason = 2 if z_belage==6 & notemp==1
(16 real changes made)
```

```
. replace nereason = 3 if nereason>=. & notemp==1
(18 real changes made)
```

```
. lab def nereason 1 "household/kids" 2 "in education" 3 "other"
```

```
. lab val nereason nereason
```

```
. fre nereason
```

```
nereason
```

		Freq.	Percent	Valid	Cum.
Valid	1 household/kids	24	1.75	41.38	41.38
	2 in education	16	1.17	27.59	68.97
	3 other	18	1.31	31.03	100.00
	Total	58	4.23	100.00	
Missing	.	1314	95.77		
Total		1372	100.00		

```
. fre z_noga, t(5)
z_noga5 — b9b erste welle, noga2008 6-stellig
```

		Freq.	Percent	Valid	Cum.
Valid	-9	29	2.11	2.11	2.11
	-1	169	12.32	12.32	14.43
	1011300 anbau von gemüse und melonen sowie wurzeln und knollen	1	0.07	0.07	14.50
	1015000 gemischte landwirtschaft	2	0.15	0.15	14.65
	1021000 forstwirtschaft	2	0.15	0.15	14.80
	:	:	:	:	:
	1949903 jugendorganisationen	2	0.15	0.15	97.96
	1949904 sonstige interessenvertretungen und vereinigungen a. n. g.	22	1.60	1.60	99.56
	1960900 erbringung von sonstigen dienstleistungen a. n. g.	1	0.07	0.07	99.64
	1990002 botschaften	3	0.22	0.22	99.85
	1990099 unbekannt	2	0.15	0.15	100.00
	Total	1372	100.00	100.00	

```
. rename z_noga noga
. replace noga = . if noga<0
(198 real changes made, 198 to missing)
. fre z_beruf5, t(5)
z_beruf5 — b10 erste welle, beruf, 5-stellig
```

		Freq.	Percent	Valid	Cum.
Valid	-999	45	3.28	3.28	3.28
	-9	22	1.60	1.60	4.88
	-1	88	6.41	6.41	11.30
	11503 jagdberufe und wildhüter/innen	1	0.07	0.07	11.37
	27104 layouter/innen und übrige berufe der druckvorbereitung	1	0.07	0.07	11.44
	:	:	:	:	:
	91106 dienstleistungsberufe, wna	20	1.46	1.46	90.74
	91108 sonstige nicht einzuordnende berufe	99	7.22	7.22	97.96
	92101 arbeitskräfte mit nicht bestimmbarer kader- oder expertenfunktion	11	0.80	0.80	98.76
	92103 arbeitskräfte mit nicht bestimmbarer nicht-manueller berufstätigkeit	8	0.58	0.58	99.34
	92104 arbeitskräfte mit nicht bestimmbarer berufstätigkeit	9	0.66	0.66	100.00
	Total	1372	100.00	100.00	

```
. replace z_beruf5 = . if z_beruf5<0
(155 real changes made, 155 to missing)
. rename z_beruf5 beruf
. fre z_isco4, t(5)
z_isco4 — b10 isco 4-stellig
```

		Freq.	Percent	Valid	Cum.
Valid	-999 keine zuweisung möglich	50	3.64	3.64	3.64
	-9	22	1.60	1.60	5.25
	-1	88	6.41	6.41	11.66
	10110 offiziere in regulären streitkräften	1	0.07	0.07	11.73
	11000 führungskräfte, ona	57	4.15	4.15	15.89
	:	:	:	:	:
	15419 schutzkräfte und sicherheitsbedienstete, anderweitig nicht genannt	1	0.07	0.07	99.49
	17321 techniker in der druckvorstufe	1	0.07	0.07	99.56
	17543 produkttester und -klassierer (ohne	2	0.15	0.15	99.71

	nahrungsmittel und getränke)			
	19000 hilfsarbeitskräfte, ona	3	0.22	0.22 99.93
	19610 abfallentsorgungsarbeiter, ona	1	0.07	0.07 100.00
	Total	1372	100.00	100.00

```
. rename z_isco4 isco
. replace isco = . if isco<0
(160 real changes made, 160 to missing)
. fre isco, t(5)
isco — b10 isco 4-stellig
```

		Freq.	Percent	Valid	Cum.
Valid	10110 offiziere in regulären streitkräften	1	0.07	0.08	0.08
	11000 führungskräfte, ona	57	4.15	4.70	4.79
	11111 angehörige gesetzgebender körperschaften	1	0.07	0.08	4.87
	11112 leitende verwaltungsbedienstete	18	1.31	1.49	6.35
	11114 leitende bedienstete von interessenorganisationen	10	0.73	0.83	7.18
	:	:	:	:	:
	15419 schutzkräfte und sicherheitsbedienstete, anderweitig nicht genannt	1	0.07	0.08	99.42
	17321 techniker in der druckvorstufe	1	0.07	0.08	99.50
	17543 produkttester und -klassierer (ohne nahrungsmittel und getränke)	2	0.15	0.17	99.67
	19000 hilfsarbeitskräfte, ona	3	0.22	0.25	99.92
	19610 abfallentsorgungsarbeiter, ona	1	0.07	0.08	100.00
	Total	1212	88.34	100.00	
Missing	.	160	11.66		
Total		1372	100.00		

```
. fre z_wirber5
z_wirber5 — b11 sind sie im öffentlichen dienst oder privaten sektor tätig?
```

		Freq.	Percent	Valid	Cum.
Valid	-1	88	6.41	6.41	6.41
	1 öffentlicher dienst	692	50.44	50.44	56.85
	2 privater nicht gewinnorientierter (non profit) sektor	195	14.21	14.21	71.06
	3 privater gewinnorientierter sektor	395	28.79	28.79	99.85
	4 sonstiges, bitte angeben:	2	0.15	0.15	100.00
	Total	1372	100.00	100.00	

```
. gen byte sector = 1 if z_wirber5==1
(680 missing values generated)
. replace sector = 2 if z_wirber5==2
(195 real changes made)
. replace sector = 3 if z_wirber5==3
(395 real changes made)
. lab def sector 1 "public" 2 "NGO" 3 "for profit"
. lab val sector sector
. fre sector
sector
```

		Freq.	Percent	Valid	Cum.
Valid	1 public	692	50.44	53.98	53.98
	2 NGO	195	14.21	15.21	69.19
	3 for profit	395	28.79	30.81	100.00
	Total	1282	93.44	100.00	
Missing	.	90	6.56		
Total		1372	100.00		

```
. fre z_k_berstel z_stelbetr
z_k_berstel03 — berufliche stellung
```

		Freq.	Percent	Valid	Cum.
Valid	-1	88	6.41	6.41	6.41
	1 praktikant/in	24	1.75	1.75	8.16
	2 assistent/in, doktorand/in	164	11.95	11.95	20.12
	3 angestellte/r ohne führungsfunktion	628	45.77	45.77	65.89
	4 angestellte/r mit führungsfunktion	429	31.27	31.27	97.16
	5 selbstständige/r	39	2.84	2.84	100.00
	Total	1372	100.00	100.00	

```
z_stelbetr11 — b14a bezogen auf ihre erwerbstätigkeit: welches ist ihre berufliche stellung?
```

		Freq.	Percent	Valid	Cum.
Valid	-1	88	6.41	6.41	6.41
	1 praktikant/-in, hilfskraft	23	1.68	1.68	8.09
	2 anwaltspraktikant/-in	1	0.07	0.07	8.16
	3 doktorand/-in, assistent/-in oder lehrbeauftragte/-r u. ä. ohne promotionsabschluss (an einer hochschule)	142	10.35	10.35	18.51
	4 habilitand/-in, (ober-)assistent/-in, post-doktorand/in, lehrbeauftragte/-r, (privat-)dozent/-in u. ä. mit promotionsab	22	1.60	1.60	20.12
	5 professor/-in, assistenzprofessor/-in, (ausser-)ordentliche/-r professor/-in, nicht aber titularprofessor/-in	6	0.44	0.44	20.55
	6 assistenzarzt/-ärztin	9	0.66	0.66	21.21
	7 lehrer/-in	113	8.24	8.24	29.45
	8 arbeitnehmer/-in ohne führungs-/kaderfunktion	498	36.30	36.30	65.74
	9 arbeitnehmer/-in mit führungsfunktion/unteres kader	284	20.70	20.70	86.44
	10 arbeitnehmer/-in mit führungsfunktion/mittleres kader	93	6.78	6.78	93.22
	11 arbeitnehmer/-in mit führungsfunktion/oberes kader	46	3.35	3.35	96.57
	12 mitarbeiter/-in im eigenen familienbetrieb	8	0.58	0.58	97.16
	13 selbstständig ohne arbeitnehmer	33	2.41	2.41	99.56
	14 selbstständig mit arbeitnehmern	6	0.44	0.44	100.00
	Total	1372	100.00	100.00	

```
. gen byte position = 1 if z_k_berstel==3
(744 missing values generated)
. replace position = 2 if z_k_berstel==4
(429 real changes made)
. replace position = 3 if position==2 & z_stelbetr==10
(93 real changes made)
. replace position = 4 if position==2 & inlist(z_stelbetr,5,11) // 5 is Professor
(52 real changes made)
. replace position = 5 if z_k_berstel==5
(39 real changes made)
. replace position = 6 if z_k_berstel==2
(164 real changes made)
. replace position = 7 if z_k_berstel==1
(24 real changes made)
. lab def position 1 employee 2 "low management" 3 "mid management" 4 "high management" ///
> 5 "selfemp" 6 "assistant" 7 "trainee"
. lab val position position
. fre position
position
```

	Freq.	Percent	Valid	Cum.
--	-------	---------	-------	------

Valid	1 employee	628	45.77	48.91	48.91
	2 low management	284	20.70	22.12	71.03
	3 mid management	93	6.78	7.24	78.27
	4 high management	52	3.79	4.05	82.32
	5 selfemp	39	2.84	3.04	85.36
	6 assistant	164	11.95	12.77	98.13
	7 trainee	24	1.75	1.87	100.00
	Total	1284	93.59	100.00	
Missing	.	88	6.41		
Total		1372	100.00		

. fre z_budgetv

z_budgetv — b14c budgetverantwortung?

		Freq.	Percent	Valid	Cum.
Valid	-9	20	1.46	1.46	1.46
	-1	610	44.46	44.46	45.92
	1 ja	233	16.98	16.98	62.90
	2 nein	509	37.10	37.10	100.00
	Total	1372	100.00	100.00	

. gen byte budget = z_budgetv==1 if z_budgetv!=-9 & working==1
(108 missing values generated)

. fre z_ansbef

z_ansbef7 — b15 sind sie befristet oder unbefristet beschäftigt?

		Freq.	Percent	Valid	Cum.
Valid	-1	127	9.26	9.26	9.26
	1 befristet	299	21.79	21.79	31.05
	2 unbefristet	946	68.95	68.95	100.00
	Total	1372	100.00	100.00	

. gen byte tempemp = z_ansbef==1 if z_ansbef!=-9 & working==1
(88 missing values generated)

. fre z_k_begradh

z_k_begradh — beschäftigungsgrad hauptbeschäftigung (kategorien)

		Freq.	Percent	Valid	Cum.
Valid	-1	88	6.41	6.41	6.41
	1 < 50%	99	7.22	7.22	13.63
	2 50% - 89%	560	40.82	40.82	54.45
	3 90% - 100%	625	45.55	45.55	100.00
	Total	1372	100.00	100.00	

. gen byte parttime = inlist(z_k_begradh,1,2) if z_k_begradh!=-9 & working==1
(88 missing values generated)

. gen byte lowpt = z_k_begradh==1 if z_k_begradh!=-9 & working==1
(88 missing values generated)

. fre z_k_beinkoh, t(5)

z_k_beinkoh — b21 jährliches standardisiertes bruttoeinkommen für die haupterwerbstätigkeit

		Freq.	Percent	Valid	Cum.
Valid	-1	88	6.41	6.41	6.41
	9334	1	0.07	0.07	6.49
	18720	1	0.07	0.07	6.56
	20000	4	0.29	0.29	6.85
	20005	1	0.07	0.07	6.92
	:	:	:	:	:
	169000	2	0.15	0.15	99.71

176414	1	0.07	0.07	99.78
204285.7143	1	0.07	0.07	99.85
221000	1	0.07	0.07	99.93
234000	1	0.07	0.07	100.00
Total	1372	100.00	100.00	

```
. gen earnings = z_k_beinkoh/1000 if z_k_beinkoh>0
(88 missing values generated)
```

```
. fre z_k_quali
```

```
z_k_quali — qualifikationsanforderungen
```

		Freq.	Percent	Valid	Cum.
Valid	-1	88	6.41	6.41	6.41
	1 nein, ein hochschulabschluss wurde nicht verlangt	287	20.92	20.92	27.33
	2 es wurde keine spezifische studienrichtung verlangt	176	12.83	12.83	40.16
	3 auch in verwandten fächern	432	31.49	31.49	71.65
	4 ausschliesslich in meinem studienfach	389	28.35	28.35	100.00
	Total	1372	100.00	100.00	

```
. gen byte quali = inlist(z_k_quali,3,4) if z_k_quali!=-9 & working==1 // same or related qualification
(88 missing values generated)
```

```
. fre z_angpos z_angaufg z_angkefe z_angeink
```

```
z_angpos — b23 angemessenheit zwischen erwerbstätigkeit und ausbildung - in bezug auf die
```

		Freq.	Percent	Valid	Cum.
Valid	-9	37	2.70	2.70	2.70
	-1	88	6.41	6.41	9.11
	1 1 überhaupt nicht	75	5.47	5.47	14.58
	2 2	137	9.99	9.99	24.56
	3 3	239	17.42	17.42	41.98
	4 4	426	31.05	31.05	73.03
	5 5 in sehr hohem masse	370	26.97	26.97	100.00
	Total	1372	100.00	100.00	

```
z_angaufg — b23 angemessenheit zwischen erwerbstätigkeit und ausbildung - in bezug auf die
```

		Freq.	Percent	Valid	Cum.
Valid	-9	36	2.62	2.62	2.62
	-1	88	6.41	6.41	9.04
	1 1 überhaupt nicht	62	4.52	4.52	13.56
	2 2	135	9.84	9.84	23.40
	3 3	273	19.90	19.90	43.29
	4 4	439	32.00	32.00	75.29
	5 5 in sehr hohem masse	339	24.71	24.71	100.00
	Total	1372	100.00	100.00	

```
z_angkefe — b23 angemessenheit zwischen erwerbstätigkeit und ausbildung - in bezug auf die
```

		Freq.	Percent	Valid	Cum.
Valid	-1	88	6.41	6.41	6.41
	1 1 überhaupt nicht	96	7.00	7.00	13.41
	2 2	196	14.29	14.29	27.70
	3 3	346	25.22	25.22	52.92
	4 4	362	26.38	26.38	79.30
	5 5 in sehr hohem masse	284	20.70	20.70	100.00
	Total	1372	100.00	100.00	

```
z_angeink — b23 angemessenheit zwischen erwerbstätigkeit und ausbildung - in bezug auf ihr
```

		Freq.	Percent	Valid	Cum.
Valid	-9	36	2.62	2.62	2.62
	-1	88	6.41	6.41	9.04
	1 1 überhaupt nicht	125	9.11	9.11	18.15
	2 2	210	15.31	15.31	33.45
	3 3	337	24.56	24.56	58.02
	4 4	401	29.23	29.23	87.24
	5 5 in sehr hohem masse	175	12.76	12.76	100.00
	Total	1372	100.00	100.00	

```
. gen byte fit_pos = z_angpos if z_angpos>0
(125 missing values generated)
. gen byte fit_task = z_angaufg if z_angaufg>0
(124 missing values generated)
. gen byte fit_qual = z_angkefe if z_angkefe>0
(88 missing values generated)
. gen byte fit_earn = z_angeink if z_angeink>0
(124 missing values generated)
. fre z_bervor
z_bervor — b24 berufliche vorstellungen verwirklicht?
```

		Freq.	Percent	Valid	Cum.
Valid	-9	41	2.99	2.99	2.99
	-1	88	6.41	6.41	9.40
	1 überhaupt nicht	66	4.81	4.81	14.21
	2 2	279	20.34	20.34	34.55
	3 3	625	45.55	45.55	80.10
	4 voll und ganz	273	19.90	19.90	100.00
	Total	1372	100.00	100.00	

```
. gen byte success = inlist(z_bervor,3,4) if z_bervor>0
(129 missing values generated)
. // final dataset
. keep id cohort pw birthyr origin female uni subject langreg semesters mobil sjob ///
> grade partner kids working unempl notemp noga nereason beruf isco sector position ///
> budget tempemp parttime lowpt earnings quali success ///
> fit_pos fit_task fit_qual fit_earn fachl3
. save 2006, replace
(note: file 2006.dta not found)
file 2006.dta saved
```

2.4 Cohort 2008

```
. zipuse dta/zb2013_de_11DEC2017.dta, clear
( )
. gen int cohort = 2008
. // Selection
. // - only master
. fre k_stufex
k_stufex — examensstufe
```

		Freq.	Percent	Valid	Cum.
Valid	15 bachelor	10196	52.68	52.68	52.68
	25 master	6039	31.20	31.20	83.88
	27 lehrdiplome	1781	9.20	9.20	93.08
	40 doktorat	1340	6.92	6.92	100.00
	Total	19356	100.00	100.00	

```
. keep if k_stufex==25
```

(13,317 observations deleted)

```
. // - only university
. fre k_hstyp
```

k_hstyp — hochschultyp uh fh ph

		Freq.	Percent	Valid	Cum.
Valid	1 uh	6015	99.60	99.60	99.60
	2 fh	24	0.40	0.40	100.00
	Total	6039	100.00	100.00	

```
. keep if k_hstyp==1
```

(24 observations deleted)

```
. // - participation in 2nd wave
. fre welle
```

welle — gültiger fragebogen zb

		Freq.	Percent	Valid	Cum.
Valid	1	1882	31.29	31.29	31.29
	2	4133	68.71	68.71	100.00
	Total	6015	100.00	100.00	

```
. keep if welle==2
```

(1,882 observations deleted)

```
. // - disciplines
```

```
. keep if ///
```

```
> fachl2==103 /// 1.3 Historische + Kulturwiss.
```

```
> | fachl2==104 /// 1.4 Sozialwissenschaften
```

```
> | fachl3==20001 /// Volkswirtschaftslehre
```

```
> //
```

(2,790 observations deleted)

```
. fre fachl3
```

fachl3 — fachrichtung

		Freq.	Percent	Valid	Cum.
Valid	10301 philosophie	39	2.90	2.90	2.90
	10302 archäologie, ur- + frühgesch.	19	1.41	1.41	4.32
	10303 geschichte	168	12.51	12.51	16.83
	10304 kunstgeschichte	42	3.13	3.13	19.96
	10305 musikwissenschaft	6	0.45	0.45	20.40
	10306 theater-+ filmwissenschaft	6	0.45	0.45	20.85
	10307 ethnologie + volkskunde	60	4.47	4.47	25.32
	10308 hist.+kulturwiss. fächerüb./übrige	1	0.07	0.07	25.39
	10401 psychologie	288	21.44	21.44	46.84
	10402 erziehungswissenschaften	79	5.88	5.88	52.72
	10404 sonderpädagogik	34	2.53	2.53	55.25
	10405 soziologie	75	5.58	5.58	60.83
	10406 sozialarbeit	17	1.27	1.27	62.10
	10407 humangeographie	18	1.34	1.34	63.44
	10408 politikwissenschaft	239	17.80	17.80	81.24
	10409 kommunikations- + medienwiss.	133	9.90	9.90	91.14
	10410 sozialwiss. fächerübergr./übrige	34	2.53	2.53	93.67
	20001 volkswirtschaftslehre	85	6.33	6.33	100.00
	Total	1343	100.00	100.00	

```
. // Selection of variables
```

```
. keep ///
```

```
> /// general variables
```

```
> cohort ///
```

```
> userid /// Identifikationsnummer
```

```
> z_k_gewicht annais k_bausl sexe abartld uni_pub fachl3 wovostbg_regling anzsem ///
```

```
> stuaufal erwstiw7 k_note_stand ///
```

```
> /// personal situation at time of interview
```



```

> z_ohnfal z_ohnfpa z_ohnfki z_ohnfel z_ohnfer z_zivstan7 z_kind ///
> /// employment
> z_k_erwerbstat z_belage13 z_noga5 z_beruf5 z_isco4 z_wirber5 ///
> z_k_berstel z_stelbetr11 z_budgetv z_ansbef7 z_k_begradh ///
> z_k_beinkoh z_k_quali z_angpos z_angaufg z_angkefe z_angeink ///
> z_bervor ///
> //

```

```

. // variables for analysis
. rename userid id

```

```

. su id

```

Variable	Obs	Mean	Std. Dev.	Min	Max
id	1,343	109211.7	5549.824	100014	122842

```

. rename z_k_gewicht pw

```

```

. su pw

```

Variable	Obs	Mean	Std. Dev.	Min	Max
pw	1,343	2.52877	.597777	1.920309	6.574971

```

. rename annais birthyr

```

```

. su birthyr

```

Variable	Obs	Mean	Std. Dev.	Min	Max
birthyr	1,343	1979.557	5.39107	1941	1986

```

. fre k_bausl
k_bausl — nationalität und bildungsherkunft

```

		Freq.	Percent	Valid	Cum.
Valid	0 schweizerinnen	1189	88.53	88.53	88.53
	1 bildungsinländerinnen	54	4.02	4.02	92.55
	2 bildungsausländerinnen	100	7.45	7.45	100.00
	Total	1343	100.00	100.00	

```

. gen byte origin = k_bausl
. lab def origin 0 "Swiss" 1 "foreign with Swiss education" 2 "foreign"
. lab val origin origin
. fre origin
origin

```

		Freq.	Percent	Valid	Cum.
Valid	0 Swiss	1189	88.53	88.53	88.53
	1 foreign with Swiss education	54	4.02	4.02	92.55
	2 foreign	100	7.45	7.45	100.00
	Total	1343	100.00	100.00	

```

. fre sexe
sexe — geschlecht

```

		Freq.	Percent	Valid	Cum.
Valid	1 männer	475	35.37	35.37	35.37
	2 frauen	868	64.63	64.63	100.00
	Total	1343	100.00	100.00	

```

. gen byte female = sexe==2
. fre uni_pub
uni_pub — hochschule

```

		Freq.	Percent	Valid	Cum.
--	--	-------	---------	-------	------

Valid	1	universität basel	98	7.30	7.30	7.30
	2	universität bern	225	16.75	16.75	24.05
	3	universität freiburg	204	15.19	15.19	39.24
	4	universität genf	224	16.68	16.68	55.92
	5	universität lausanne	129	9.61	9.61	65.52
	6	universität luzern	6	0.45	0.45	65.97
	7	universität neuenburg	55	4.10	4.10	70.07
	8	universität st. gallen	39	2.90	2.90	72.97
	9	universität zürich	328	24.42	24.42	97.39
	10	università della svizzera italiana	34	2.53	2.53	99.93
	12	eth zürich	1	0.07	0.07	100.00
	Total		1343	100.00	100.00	

```

. rename uni_pub uni
. lab def uni ///
> 1 Basel ///
> 2 Bern ///
> 3 Fribourg ///
> 4 Geneva ///
> 5 Lausanne ///
> 6 Lucern ///
> 7 Neuchatel ///
> 8 "St Gall" ///
> 9 Zurich ///
> 10 "Svizzera Italiana" ///
> 12 "ETH Zurich" , replace

. lab val uni uni
. fre uni
uni — hochschule

```

			Freq.	Percent	Valid	Cum.
Valid	1	Basel	98	7.30	7.30	7.30
	2	Bern	225	16.75	16.75	24.05
	3	Fribourg	204	15.19	15.19	39.24
	4	Geneva	224	16.68	16.68	55.92
	5	Lausanne	129	9.61	9.61	65.52
	6	Lucern	6	0.45	0.45	65.97
	7	Neuchatel	55	4.10	4.10	70.07
	8	St Gall	39	2.90	2.90	72.97
	9	Zurich	328	24.42	24.42	97.39
	10	Svizzera Italiana	34	2.53	2.53	99.93
	12	ETH Zurich	1	0.07	0.07	100.00
	Total		1343	100.00	100.00	

```

. fre fachl3
fachl3 — fachrichtung

```

			Freq.	Percent	Valid	Cum.
Valid	10301	philosophie	39	2.90	2.90	2.90
	10302	archäologie, ur- + frühgesch.	19	1.41	1.41	4.32
	10303	geschichte	168	12.51	12.51	16.83
	10304	kunstgeschichte	42	3.13	3.13	19.96
	10305	musikwissenschaft	6	0.45	0.45	20.40
	10306	theater-+ filmwissenschaft	6	0.45	0.45	20.85
	10307	ethnologie + volkskunde	60	4.47	4.47	25.32
	10308	hist.+kulturwiss. fächerüb./übrige	1	0.07	0.07	25.39
	10401	psychologie	288	21.44	21.44	46.84
	10402	erziehungswissenschaften	79	5.88	5.88	52.72
	10404	sonderpädagogik	34	2.53	2.53	55.25
	10405	soziologie	75	5.58	5.58	60.83
	10406	sozialarbeit	17	1.27	1.27	62.10
	10407	humangeographie	18	1.34	1.34	63.44
	10408	politikwissenschaft	239	17.80	17.80	81.24
	10409	kommunikations- + medienwiss.	133	9.90	9.90	91.14

10410 sozialwiss. fächerübergr./übrige	34	2.53	2.53	93.67
20001 volkswirtschaftslehre	85	6.33	6.33	100.00
Total	1343	100.00	100.00	

```
. gen byte subject = 1 if fachl3==10405
(1,268 missing values generated)
. replace subject = 2 if int(fachl3/100)==104 & subject>=.
(842 real changes made)
. replace subject = 3 if fachl3==20001
(85 real changes made)
. replace subject = 4 if int(fachl3/100)==103
(341 real changes made)
. lab def subject 1 "sociology" 2 "social sciences" 3 "economics" 4 "history and culture"
. lab val subject subject
. fre subject
subject
```

	Freq.	Percent	Valid	Cum.
Valid 1 sociology	75	5.58	5.58	5.58
2 social sciences	842	62.70	62.70	68.28
3 economics	85	6.33	6.33	74.61
4 history and culture	341	25.39	25.39	100.00
Total	1343	100.00	100.00	

```
. fre wovostbg_regling
wovostbg_regling — sprachgebiet wohnort vor studienbeginn
```

	Freq.	Percent	Valid	Cum.
Valid -5 ausland	123	9.16	9.16	9.16
1 deutsches sprachgebiet	820	61.06	61.06	70.22
2 französisches sprachgebiet	334	24.87	24.87	95.09
3 italienisches sprachgebiet	62	4.62	4.62	99.70
4 rätoromanisches sprachgebiet	4	0.30	0.30	100.00
Total	1343	100.00	100.00	

```
. gen byte langreg = 1 if inlist(wovostbg_regling, 1, 4)
(519 missing values generated)
. replace langreg = 2 if inlist(wovostbg_regling, 2, 3)
(396 real changes made)
. replace langreg = 3 if wovostbg_regling== -5
(123 real changes made)
. lab def langreg 1 "german part" 2 "french or italian part" 3 "abroad"
. lab val langreg langreg
. fre langreg
langreg
```

	Freq.	Percent	Valid	Cum.
Valid 1 german part	824	61.36	61.36	61.36
2 french or italian part	396	29.49	29.49	90.84
3 abroad	123	9.16	9.16	100.00
Total	1343	100.00	100.00	

```
. fre anzsem, t(5)
anzsem — ala1. anzahl semester bis zu dem abschluss
```

	Freq.	Percent	Valid	Cum.
Valid 1	1	0.07	0.07	0.07
2	15	1.12	1.12	1.19

3	33	2.46	2.46	3.65
4	175	13.03	13.03	16.68
5	19	1.41	1.41	18.09
:	:	:	:	:
21	3	0.22	0.22	99.33
22	5	0.37	0.37	99.70
23	2	0.15	0.15	99.85
24	1	0.07	0.07	99.93
30	1	0.07	0.07	100.00
Total	1343	100.00	100.00	

```
. gen byte semesters = anzsem if !inlist(anzsem,-9)
```

```
. fre stuaufal
```

```
stuaufal — a2a_2-a5d_2. studienaufenthalt/e an einer gasthochschule - ja, im ausland währe
```

		Freq.	Percent	Valid	Cum.
Valid	-9	1	0.07	0.07	0.07
	0 nicht genannt	1027	76.47	76.47	76.55
	1 genannt	315	23.45	23.45	100.00
	Total	1343	100.00	100.00	

```
. gen byte mobil = stuaufal==1 if stuaufal!=-9
```

```
(1 missing value generated)
```

```
. fre erwstiw7
```

```
erwstiw7 — a3a2. erwerbstätigkeit in zusammenhang mit studium - während des studiums
```

		Freq.	Percent	Valid	Cum.
Valid	1 regelmässig	480	35.74	35.74	35.74
	2 gelegentlich	466	34.70	34.70	70.44
	3 nie	397	29.56	29.56	100.00
	Total	1343	100.00	100.00	

```
. gen byte sjob = inlist(erwstiw7,1,2) if erwstiw7>0 // had job related to studies
```

```
. fre k_note_stand, t(5)
```

```
k_note_stand — standardisierte abschlussnote auf einer skala von 0 bis 1
```

		Freq.	Percent	Valid	Cum.
Valid	-9	24	1.79	1.79	1.79
	0	3	0.22	0.22	2.01
	.085	1	0.07	0.07	2.08
	.1	4	0.30	0.30	2.38
	.115	1	0.07	0.07	2.46
	:	:	:	:	:
	.95	10	0.74	0.74	96.05
	.96	1	0.07	0.07	96.13
	.965	1	0.07	0.07	96.20
	.99	1	0.07	0.07	96.28
	1	50	3.72	3.72	100.00
	Total	1343	100.00	100.00	

```
. gen grade = k_note_stand if k_note_stand>=0
```

```
(24 missing values generated)
```

```
. fre z_wohnf* z_zivstan
```

```
z_wohnfal — wohnform - allein
```

		Freq.	Percent	Valid	Cum.
Valid	-9	69	5.14	5.14	5.14
	0 nicht genannt	986	73.42	73.42	78.56
	1 genannt	288	21.44	21.44	100.00
	Total	1343	100.00	100.00	

z_wohnfpa — wohnform - mit meinem partner/meiner partnerin

		Freq.	Percent	Valid	Cum.
Valid	-9	69	5.14	5.14	5.14
	0 nicht genannt	457	34.03	34.03	39.17
	1 genannt	817	60.83	60.83	100.00
	Total	1343	100.00	100.00	

z_wohnfki — wohnform - mit kind/ern

		Freq.	Percent	Valid	Cum.
Valid	-9	69	5.14	5.14	5.14
	0 nicht genannt	994	74.01	74.01	79.15
	1 genannt	280	20.85	20.85	100.00
	Total	1343	100.00	100.00	

z_wohnfel — wohnform - bei den eltern

		Freq.	Percent	Valid	Cum.
Valid	-9	69	5.14	5.14	5.14
	0 nicht genannt	1224	91.14	91.14	96.28
	1 genannt	50	3.72	3.72	100.00
	Total	1343	100.00	100.00	

z_wohnfer — wohnform - mit anderen erwachsenen

		Freq.	Percent	Valid	Cum.
Valid	-9	69	5.14	5.14	5.14
	0 nicht genannt	1155	86.00	86.00	91.14
	1 genannt	119	8.86	8.86	100.00
	Total	1343	100.00	100.00	

z_zivstan7 — zivilstand

		Freq.	Percent	Valid	Cum.
Valid	-9	68	5.06	5.06	5.06
	1 ledig	855	63.66	63.66	68.73
	2 verheiratet/eingetragene partnerschaft	392	29.19	29.19	97.92
	4 geschieden	28	2.08	2.08	100.00
	Total	1343	100.00	100.00	

. gen byte partner = z_zivstan==2 if z_zivstan>0
(68 missing values generated)

. replace partner = 1 if z_wohnfpa==1 & partner<.
(440 real changes made)

. fre z_kind

z_kind — haben oder teilen sie die verantwortung für kinder?

		Freq.	Percent	Valid	Cum.
Valid	-9	71	5.29	5.29	5.29
	1 ja	302	22.49	22.49	27.77
	2 nein	970	72.23	72.23	100.00
	Total	1343	100.00	100.00	

. gen byte kids = z_kind==1 if z_kind>0
(71 missing values generated)

. fre z_k_erwerbstat

z_k_erwerbstat — erwerbstätigkeitsstatus

		Freq.	Percent	Valid	Cum.
Valid	1 erwerbstätig	1255	93.45	93.45	93.45
	2 erwerbslos	33	2.46	2.46	95.90
	3 nichterwerbsperson	55	4.10	4.10	100.00
	Total	1343	100.00	100.00	

```
. gen byte working = z_k_erwerbstat==1 if z_k_erwerbstat>0
. gen byte unempl = z_k_erwerbstat==2 if z_k_erwerbstat>0
. gen byte notemp = z_k_erwerbstat==3 if z_k_erwerbstat>0
. fre z_belage
```

z_belage13 — sie sind zurzeit erwerbstätig?

		Freq.	Percent	Valid	Cum.
Valid	1 ja, ich übe eine erwerbstätigkeit aus	1238	92.18	92.18	92.18
	3 ich bin in einem beschäftigungsprogramm des arbeitsamtes (rav) eingeschrieben	10	0.74	0.74	92.93
	4 nein, ich bin auf der suche nach einer erwerbstätigkeit	28	2.08	2.08	95.01
	5 nein, ich habe aber definitiv eine stelle oder einen auftrag zugesichert bekommen	10	0.74	0.74	95.76
	6 nein, ich gehe zurzeit keiner erwerbstätigkeit nach, weil ich mich ausschliesslich in ausbildung befinde (z.b. zweitstu	28	2.08	2.08	97.84
	7 nein, ich gehe zurzeit keiner erwerbstätigkeit nach, weil ich den haushalt führe bzw. kinder betreue	12	0.89	0.89	98.73
	8 nein, ich gehe zurzeit keiner erwerbstätigkeit nach, weil ich auf reisen bin	7	0.52	0.52	99.26
	9 nein, ich gehe zurzeit keiner erwerbstätigkeit nach, weil ich gesundheitliche probleme habe	2	0.15	0.15	99.40
	10 nein, ich bin aus anderen gründen nicht erwerbstätig	8	0.60	0.60	100.00
	Total	1343	100.00	100.00	

```
. gen byte nereason = 1 if z_belage==7 & notemp==1
(1,335 missing values generated)
. replace nereason = 2 if z_belage==6 & notemp==1
(23 real changes made)
. replace nereason = 3 if nereason>=. & notemp==1
(24 real changes made)
. lab def nereason 1 "household/kids" 2 "in education" 3 "other"
. lab val nereason nereason
. fre nereason
nereason
```

		Freq.	Percent	Valid	Cum.
Valid	1 household/kids	8	0.60	14.55	14.55
	2 in education	23	1.71	41.82	56.36
	3 other	24	1.79	43.64	100.00
	Total	55	4.10	100.00	
Missing	.	1288	95.90		
Total		1343	100.00		

```
. fre z_noga, t(5)
```

z_noga5 — noga2008 6-stellig

		Freq.	Percent	Valid	Cum.
Valid	-9	51	3.80	3.80	3.80

-1		174	12.96	12.96	16.75
1011300	anbau von gemüse und melonen sowie wurzeln und knollen	1	0.07	0.07	16.83
1015000	gemischte landwirtschaft	3	0.22	0.22	17.05
1021000	forstwirtschaft	4	0.30	0.30	17.35
:	:	:	:	:	:
1960101	wäscherei	1	0.07	0.07	99.48
1960900	erbringung von sonstigen dienstleistungen a. n. g.	1	0.07	0.07	99.55
1990002	botschaften	1	0.07	0.07	99.63
1990003	internationale organisationen mit behördecharakter	4	0.30	0.30	99.93
1990099	unbekannt	1	0.07	0.07	100.00
Total		1343	100.00	100.00	

```
. rename z_noga noga
. replace noga = . if noga<0
(225 real changes made, 225 to missing)
. fre z_beruf5, t(5)
z_beruf5 — beruf, 5-stellig
```

		Freq.	Percent	Valid	Cum.
Valid	-999	18	1.34	1.34	1.34
	-9	34	2.53	2.53	3.87
	-1	88	6.55	6.55	10.42
	11401 gärtner/innen und verwandte berufe	1	0.07	0.07	10.50
	28101 laboranten/laborantinnen, laboristen/laboristinnen, wna	1	0.07	0.07	10.57
	:	:	:	:	:
	91106 dienstleistungsberufe, wna	12	0.89	0.89	85.63
	91108 sonstige nicht einzuordnende berufe	153	11.39	11.39	97.02
	92101 arbeitskräfte mit nicht bestimmbarer kader- oder expertenfunktion	18	1.34	1.34	98.36
	92103 arbeitskräfte mit nicht bestimmbarer nicht-manueller berufstätigkeit	14	1.04	1.04	99.40
	92104 arbeitskräfte mit nicht bestimmbarer berufstätigkeit	8	0.60	0.60	100.00
Total		1343	100.00	100.00	

```
. replace z_beruf5 = . if z_beruf5<0
(140 real changes made, 140 to missing)
. rename z_beruf5 beruf
. fre z_isco4, t(5)
z_isco4 — isco 4-stellig
```

		Freq.	Percent	Valid	Cum.
Valid	-999 keine zuweisung möglich	23	1.71	1.71	1.71
	-9	34	2.53	2.53	4.24
	-1	88	6.55	6.55	10.80
	11000 führungskräfte, ona	63	4.69	4.69	15.49
	11111 angehörige gesetzgebender körperschaften	1	0.07	0.07	15.56
	:	:	:	:	:
	17318 kunsthandwerkliche berufe für textilien, leder und verwandte materialien	1	0.07	0.07	99.55
	19000 hilfsarbeitskräfte, ona	3	0.22	0.22	99.78
	19214 hilfsarbeiter im gartenbau	1	0.07	0.07	99.85
	19331 führer von handwagen und pedalbetriebenen fahrzeugen	1	0.07	0.07	99.93
	19333 frachtarbeiter und verwandte berufe	1	0.07	0.07	100.00
Total		1343	100.00	100.00	

```
. rename z_isco4 isco
. replace isco = . if isco<0
```

(145 real changes made, 145 to missing)

. fre isco, t(5)

isco — isco 4-stellig

		Freq.	Percent	Valid	Cum.
Valid	11000 führungskräfte, ona	63	4.69	5.26	5.26
	11111 angehörige gesetzgebender körperschaften	1	0.07	0.08	5.34
	11112 leitende verwaltungsbedienstete	27	2.01	2.25	7.60
	11114 leitende bedienstete von interessenorganisationen	8	0.60	0.67	8.26
	11120 geschäftsführer und vorstände	24	1.79	2.00	10.27
	:	:	:	:	:
	17318 kunsthandwerkliche berufe für textilien, leder und verwandte materialien	1	0.07	0.08	99.50
	19000 hilfsarbeitskräfte, ona	3	0.22	0.25	99.75
	19214 hilfsarbeiter im gartenbau	1	0.07	0.08	99.83
	19331 führer von handwagen und pedalbetriebenen fahrzeugen	1	0.07	0.08	99.92
	19333 frachtarbeiter und verwandte berufe	1	0.07	0.08	100.00
	Total	1198	89.20	100.00	
Missing	.	145	10.80		
Total		1343	100.00		

. fre z_wirber5

z_wirber5 — sind sie im öffentlichen dienst oder privaten sektor tätig?

		Freq.	Percent	Valid	Cum.
Valid	-1	88	6.55	6.55	6.55
	1 öffentlicher dienst	731	54.43	54.43	60.98
	2 privater nicht gewinnorientierter (non profit) sektor	167	12.43	12.43	73.42
	3 privater gewinnorientierter sektor	354	26.36	26.36	99.78
	4 sonstiges, bitte angeben:	3	0.22	0.22	100.00
	Total	1343	100.00	100.00	

. gen byte sector = 1 if z_wirber5==1

(612 missing values generated)

. replace sector = 2 if z_wirber5==2

(167 real changes made)

. replace sector = 3 if z_wirber5==3

(354 real changes made)

. lab def sector 1 "public" 2 "NGO" 3 "for profit"

. lab val sector sector

. fre sector

sector

		Freq.	Percent	Valid	Cum.
Valid	1 public	731	54.43	58.39	58.39
	2 NGO	167	12.43	13.34	71.73
	3 for profit	354	26.36	28.27	100.00
	Total	1252	93.22	100.00	
Missing	.	91	6.78		
Total		1343	100.00		

. fre z_k_berstel z_stelbetr

z_k_berstel03 — berufliche stellung

		Freq.	Percent	Valid	Cum.
Valid	-1	88	6.55	6.55	6.55
	1 praktikant/in	11	0.82	0.82	7.37

2	assistent/in, doktorand/in	179	13.33	13.33	20.70
3	angestellte/r ohne führungsfunktion	645	48.03	48.03	68.73
4	angestellte/r mit führungsfunktion	387	28.82	28.82	97.54
5	selbstständige/r	33	2.46	2.46	100.00
Total		1343	100.00	100.00	

z_stelbetr11 — berufliche stellung

		Freq.	Percent	Valid	Cum.
Valid	-1	88	6.55	6.55	6.55
	1 praktikant/-in, hilfskraft	11	0.82	0.82	7.37
	3 doktorand/-in, assistent/-in oder lehrbeauftragte/-r u. ä. ohne promotionsabschluss (an einer hochschule)	141	10.50	10.50	17.87
	4 habilitand/-in, (ober-)assistent/-in, post-doktorand/in, lehrbeauftragte/-r, (privat-)dozent/-in u. ä. mit promotionsab	38	2.83	2.83	20.70
	5 professor/-in, assistenzprofessor/-in, (ausser-)ordentliche/-r professor/-in, nicht aber titularprofessor/-in	4	0.30	0.30	21.00
	6 assistenzarzt/-ärztin	4	0.30	0.30	21.30
	7 lehrer/-in	107	7.97	7.97	29.26
	8 arbeitnehmer/-in ohne führungs-/kaderfunktion	530	39.46	39.46	68.73
	9 arbeitnehmer/-in mit führungsfunktion/unteres kader	253	18.84	18.84	87.57
	10 arbeitnehmer/-in mit führungsfunktion/mittleres kader	92	6.85	6.85	94.42
	11 arbeitnehmer/-in mit führungsfunktion/oberes kader	38	2.83	2.83	97.24
	12 mitarbeiter/-in im eigenen familienbetrieb	4	0.30	0.30	97.54
	13 selbstständig ohne arbeitnehmer	27	2.01	2.01	99.55
	14 selbstständig mit arbeitnehmern	6	0.45	0.45	100.00
Total		1343	100.00	100.00	

```

. gen byte position = 1 if z_k_berstel==3
(698 missing values generated)
. replace position = 2 if z_k_berstel==4
(387 real changes made)
. replace position = 3 if position==2 & z_stelbetr==10
(92 real changes made)
. replace position = 4 if position==2 & inlist(z_stelbetr,5,11) // 5 is Professor
(42 real changes made)
. replace position = 5 if z_k_berstel==5
(33 real changes made)
. replace position = 6 if z_k_berstel==2
(179 real changes made)
. replace position = 7 if z_k_berstel==1
(11 real changes made)
. lab def position 1 employee 2 "low management" 3 "mid management" 4 "high management" ///
> 5 "selfemp" 6 "assistant" 7 "trainee"
. lab val position position
. fre position
position

```

		Freq.	Percent	Valid	Cum.
Valid	1 employee	645	48.03	51.39	51.39
	2 low management	253	18.84	20.16	71.55
	3 mid management	92	6.85	7.33	78.88
	4 high management	42	3.13	3.35	82.23
	5 selfemp	33	2.46	2.63	84.86
	6 assistant	179	13.33	14.26	99.12
	7 trainee	11	0.82	0.88	100.00

Total	1255	93.45	100.00
Missing .	88	6.55	
Total	1343	100.00	

. fre z_budgetv

z_budgetv — budgetverantwortung?

	Freq.	Percent	Valid	Cum.
Valid -9	15	1.12	1.12	1.12
-1	629	46.84	46.84	47.95
1 ja	198	14.74	14.74	62.70
2 nein	501	37.30	37.30	100.00
Total	1343	100.00	100.00	

. gen byte budget = z_budgetv==1 if z_budgetv!=-9 & working==1
(103 missing values generated)

. fre z_ansbef

z_ansbef7 — sind sie befristet oder unbefristet beschäftigt?

	Freq.	Percent	Valid	Cum.
Valid -1	121	9.01	9.01	9.01
1 befristet	341	25.39	25.39	34.40
2 unbefristet	881	65.60	65.60	100.00
Total	1343	100.00	100.00	

. gen byte tempemp = z_ansbef==1 if z_ansbef!=-9 & working==1
(88 missing values generated)

. fre z_k_begradh

z_k_begradh — beschäftigungsgrad für die anderen erwerbstätigkeiten

	Freq.	Percent	Valid	Cum.
Valid -1	88	6.55	6.55	6.55
1 < 50%	86	6.40	6.40	12.96
2 50% - 89%	602	44.83	44.83	57.78
3 90% - 100%	567	42.22	42.22	100.00
Total	1343	100.00	100.00	

. gen byte parttime = inlist(z_k_begradh,1,2) if z_k_begradh!=-9 & working==1
(88 missing values generated)

. gen byte lowpt = z_k_begradh==1 if z_k_begradh!=-9 & working==1
(88 missing values generated)

. fre z_k_beinkoh, t(5)

z_k_beinkoh — standardisierter bruttolohn - haupterwerbstätigkeit

	Freq.	Percent	Valid	Cum.
Valid -1	88	6.55	6.55	6.55
25000	1	0.07	0.07	6.63
27500	1	0.07	0.07	6.70
30000	2	0.15	0.15	6.85
32510	1	0.07	0.07	6.92
:	:	:	:	:
167500	1	0.07	0.07	99.55
170000	3	0.22	0.22	99.78
173828.5714	1	0.07	0.07	99.85
187200	1	0.07	0.07	99.93
216666	1	0.07	0.07	100.00
Total	1343	100.00	100.00	

. gen earnings = z_k_beinkoh/1000 if z_k_beinkoh>0
(88 missing values generated)

```
. fre z_k_quali
z_k_quali — qualifikationsanforderungen
```

		Freq.	Percent	Valid	Cum.
Valid	-1	88	6.55	6.55	6.55
	1 nein, ein hochschulabschluss wurde nicht verlangt	254	18.91	18.91	25.47
	2 es wurde keine spezifische studienrichtung verlangt	184	13.70	13.70	39.17
	3 auch in verwandten fächern	461	34.33	34.33	73.49
	4 ausschliesslich in meinem studienfach	356	26.51	26.51	100.00
	Total	1343	100.00	100.00	

```
. gen byte quali = inlist(z_k_quali,3,4) if z_k_quali!=-9 & working==1 // same or related qualification (88 missing values generated)
```

```
. fre z_angpos z_angaufg z_angkefe z_angeink
z_angpos — in bezug auf die berufliche position
```

		Freq.	Percent	Valid	Cum.
Valid	-9	39	2.90	2.90	2.90
	-1	88	6.55	6.55	9.46
	1 1 überhaupt nicht	77	5.73	5.73	15.19
	2 2	143	10.65	10.65	25.84
	3 3	233	17.35	17.35	43.19
	4 4	379	28.22	28.22	71.41
	5 5 in sehr hohem masse	384	28.59	28.59	100.00
	Total	1343	100.00	100.00	

```
z_angaufg — in bezug auf die übertragenen aufgaben
```

		Freq.	Percent	Valid	Cum.
Valid	-9	38	2.83	2.83	2.83
	-1	88	6.55	6.55	9.38
	1 1 überhaupt nicht	50	3.72	3.72	13.10
	2 2	139	10.35	10.35	23.45
	3 3	274	20.40	20.40	43.86
	4 4	402	29.93	29.93	73.79
	5 5 in sehr hohem masse	352	26.21	26.21	100.00
	Total	1343	100.00	100.00	

```
z_angkefe — in bezug auf die während der hochschulausbildung erworbenen fachlichen qualifik
```

		Freq.	Percent	Valid	Cum.
Valid	-1	88	6.55	6.55	6.55
	1 1 überhaupt nicht	71	5.29	5.29	11.84
	2 2	192	14.30	14.30	26.14
	3 3	317	23.60	23.60	49.74
	4 4	362	26.95	26.95	76.69
	5 5 in sehr hohem masse	313	23.31	23.31	100.00
	Total	1343	100.00	100.00	

```
z_angeink — in bezug auf das einkommen
```

		Freq.	Percent	Valid	Cum.
Valid	-9	39	2.90	2.90	2.90
	-1	88	6.55	6.55	9.46
	1 1 überhaupt nicht	120	8.94	8.94	18.39
	2 2	207	15.41	15.41	33.80
	3 3	318	23.68	23.68	57.48
	4 4	385	28.67	28.67	86.15
	5 5 in sehr hohem masse	186	13.85	13.85	100.00

Total	1343	100.00	100.00
-------	------	--------	--------

```
. gen byte fit_pos = z_angpos if z_angpos>0
(127 missing values generated)
. gen byte fit_task = z_angaufg if z_angaufg>0
(126 missing values generated)
. gen byte fit_qual = z_angkefe if z_angkefe>0
(88 missing values generated)
. gen byte fit_earn = z_angeink if z_angeink>0
(127 missing values generated)
. fre z_bervor
z_bervor — gefühl, bisher die beruflichen ziele erreicht zu haben
```

		Freq.	Percent	Valid	Cum.
Valid	-9	37	2.76	2.76	2.76
	-1	88	6.55	6.55	9.31
	1 überhaupt nicht	77	5.73	5.73	15.04
	2 2	317	23.60	23.60	38.64
	3 3	580	43.19	43.19	81.83
	4 voll und ganz	244	18.17	18.17	100.00
	Total	1343	100.00	100.00	

```
. gen byte success = inlist(z_bervor,3,4) if z_bervor>0
(125 missing values generated)
. // final dataset
. keep id cohort pw birthyr origin female uni subject langreg semesters mobil sjob ///
> grade partner kids working unempl notemp nereason noga beruf isco sector position ///
> budget tempemp parttime lowpt earnings quali success ///
> fit_pos fit_task fit_qual fit_earn fachl3
. save 2008, replace
(note: file 2008.dta not found)
file 2008.dta saved
```

2.5 Cohort 2010

```
. zipuse dta/zb2015_de_02NOV2018.dta, clear
( )
. gen int cohort = 2010
. // Selection
. // - only master
. fre k_stufex
k_stufex — examensstufe
```

		Freq.	Percent	Valid	Cum.
Valid	15 bachelor	12419	53.75	53.75	53.75
	25 master	6908	29.90	29.90	83.66
	27 lehrdiplome	2148	9.30	9.30	92.95
	40 doktorat	1628	7.05	7.05	100.00
	Total	23103	100.00	100.00	

```
. keep if k_stufex==25
(16,195 observations deleted)
. // - only university
. fre k_hstyp
k_hstyp — hochschultyp uh fh ph
```

		Freq.	Percent	Valid	Cum.
Valid	1 uh	6216	89.98	89.98	89.98

2 fh	692	10.02	10.02	100.00
Total	6908	100.00	100.00	

```
. keep if k_hstyp==1
(692 observations deleted)
. // - participation in 2nd wave
. fre welle
welle — gültiger fragebogen zweitbefragung
```

	Freq.	Percent	Valid	Cum.
Valid 1 teilnahme nur an erstbefragung	1906	30.66	30.66	30.66
2 teilnahme an erst- und zweitbefragung	4310	69.34	69.34	100.00
Total	6216	100.00	100.00	

```
. keep if welle==2
(1,906 observations deleted)
. // - disciplines
. keep if ///
> | fachl2==103 /// 1.3 Historische + Kulturwiss.
> | fachl2==104 /// 1.4 Sozialwissenschaften
> | fachl3==20001 /// Volkswirtschaftslehre
> //
(3,060 observations deleted)
. fre fachl3
fachl3 — fachrichtung
```

	Freq.	Percent	Valid	Cum.
Valid 10301 philosophie	42	3.36	3.36	3.36
10302 archäologie, ur- + frühgesch.	15	1.20	1.20	4.56
10303 geschichte	155	12.40	12.40	16.96
10304 kunstgeschichte	47	3.76	3.76	20.72
10305 musikwissenschaft	7	0.56	0.56	21.28
10306 theater-+ filmwissenschaft	13	1.04	1.04	22.32
10307 ethnologie + volkskunde	65	5.20	5.20	27.52
10308 hist.+kulturwiss. fächerüb./übrige	10	0.80	0.80	28.32
10401 psychologie	333	26.64	26.64	54.96
10402 erziehungswissenschaften	65	5.20	5.20	60.16
10404 sonderpädagogik	42	3.36	3.36	63.52
10405 soziologie	60	4.80	4.80	68.32
10406 sozialarbeit	4	0.32	0.32	68.64
10407 humangeographie	19	1.52	1.52	70.16
10408 politikwissenschaft	155	12.40	12.40	82.56
10409 kommunikations- + medienwiss.	100	8.00	8.00	90.56
10410 sozialwiss. fächerübergr./übrige	47	3.76	3.76	94.32
20001 volkswirtschaftslehre	71	5.68	5.68	100.00
Total	1250	100.00	100.00	

```
. // Selection of variables
. keep ///
> /// general variables
> cohort ///
> userid /// Identifikationsnummer
> z_k_gewicht annais k_bausl sexe abartld uni_pub fachl3 wovostbg_regling anzsem ///
> stuaufal erstiw11 k_note_stand ///
> /// personal situation at time of interview
> z_wohnfal z_wohnfpa z_wohnfki z_wohnfel z_wohnfer z_zivstan7 z_kind ///
> /// employment
> z_k_erwerbstat z_belage13 z_noga5 z_beruf5 z_isco4 z_wirber5 ///
> z_k_berstel z_stelbetr11 z_budgetv z_ansbef7 z_k_begradh ///
> z_k_beinkoh z_k_quali z_angpos z_angaufg z_angkefe z_angeink ///
> z_bervor ///
> //
. // variables for analysis
```

```
. rename userid id
```

```
. su id
```

Variable	Obs	Mean	Std. Dev.	Min	Max
id	1,250	37958.3	6448.581	15879	52238

```
. rename z_k_gewicht pw
```

```
. su pw
```

Variable	Obs	Mean	Std. Dev.	Min	Max
pw	1,250	2.295741	.5284439	1.801991	5.272887

```
. rename annais birthyr
```

```
. su birthyr
```

Variable	Obs	Mean	Std. Dev.	Min	Max
birthyr	1,250	1981.295	5.512637	1939	1987

```
. fre k_bausl
```

k_bausl — nationalität und bildungsherkunft

		Freq.	Percent	Valid	Cum.
Valid	0 schweizerinnen	1090	87.20	87.20	87.20
	1 bildungsinländerinnen	35	2.80	2.80	90.00
	2 bildungausländerinnen	125	10.00	10.00	100.00
	Total	1250	100.00	100.00	

```
. gen byte origin = k_bausl
```

```
. lab def origin 0 "Swiss" 1 "foreign with Swiss education" 2 "foreign"
```

```
. lab val origin origin
```

```
. fre origin
```

origin

		Freq.	Percent	Valid	Cum.
Valid	0 Swiss	1090	87.20	87.20	87.20
	1 foreign with Swiss education	35	2.80	2.80	90.00
	2 foreign	125	10.00	10.00	100.00
	Total	1250	100.00	100.00	

```
. fre sexe
```

sexe — geschlecht

		Freq.	Percent	Valid	Cum.
Valid	1 männer	403	32.24	32.24	32.24
	2 frauen	847	67.76	67.76	100.00
	Total	1250	100.00	100.00	

```
. gen byte female = sexe==2
```

```
. fre uni_pub
```

uni_pub — hochschule

		Freq.	Percent	Valid	Cum.
Valid	1 universität basel	81	6.48	6.48	6.48
	2 universität bern	222	17.76	17.76	24.24
	3 universität freiburg	126	10.08	10.08	34.32
	4 universität genf	126	10.08	10.08	44.40
	5 universität lausanne	147	11.76	11.76	56.16
	6 universität luzern	20	1.60	1.60	57.76
	7 universität neuenburg	79	6.32	6.32	64.08
	8 universität st. gallen	28	2.24	2.24	66.32
	9 universität zürich	373	29.84	29.84	96.16

10 università della svizzera italiana	45	3.60	3.60	99.76
12 eth zürich	3	0.24	0.24	100.00
Total	1250	100.00	100.00	

```
. rename uni_pub uni
. lab def uni ///
> 1 Basel ///
> 2 Bern ///
> 3 Fribourg ///
> 4 Geneva ///
> 5 Lausanne ///
> 6 Lucern ///
> 7 Neuchatel ///
> 8 "St Gall" ///
> 9 Zurich ///
> 10 "Svizzera Italiana" ///
> 12 "ETH Zurich" , replace
```

```
. lab val uni uni
. fre uni
uni — hochschule
```

		Freq.	Percent	Valid	Cum.
Valid	1 Basel	81	6.48	6.48	6.48
	2 Bern	222	17.76	17.76	24.24
	3 Fribourg	126	10.08	10.08	34.32
	4 Geneva	126	10.08	10.08	44.40
	5 Lausanne	147	11.76	11.76	56.16
	6 Lucern	20	1.60	1.60	57.76
	7 Neuchatel	79	6.32	6.32	64.08
	8 St Gall	28	2.24	2.24	66.32
	9 Zurich	373	29.84	29.84	96.16
	10 Svizzera Italiana	45	3.60	3.60	99.76
	12 ETH Zurich	3	0.24	0.24	100.00
	Total	1250	100.00	100.00	

```
. fre fachl3
fachl3 — fachrichtung
```

		Freq.	Percent	Valid	Cum.
Valid	10301 philosophie	42	3.36	3.36	3.36
	10302 archäologie, ur- + frühgesch.	15	1.20	1.20	4.56
	10303 geschichte	155	12.40	12.40	16.96
	10304 kunstgeschichte	47	3.76	3.76	20.72
	10305 musikwissenschaft	7	0.56	0.56	21.28
	10306 theater-+ filmwissenschaft	13	1.04	1.04	22.32
	10307 ethnologie + volkskunde	65	5.20	5.20	27.52
	10308 hist.+kulturwiss. fächerüb./übrige	10	0.80	0.80	28.32
	10401 psychologie	333	26.64	26.64	54.96
	10402 erziehungswissenschaften	65	5.20	5.20	60.16
	10404 sonderpädagogik	42	3.36	3.36	63.52
	10405 soziologie	60	4.80	4.80	68.32
	10406 sozialarbeit	4	0.32	0.32	68.64
	10407 humangeographie	19	1.52	1.52	70.16
	10408 politikwissenschaft	155	12.40	12.40	82.56
	10409 kommunikations- + medienwiss.	100	8.00	8.00	90.56
	10410 sozialwiss. fächerübergr./übrige	47	3.76	3.76	94.32
	20001 volkswirtschaftslehre	71	5.68	5.68	100.00
	Total	1250	100.00	100.00	

```
. gen byte subject = 1 if fachl3==10405
(1,190 missing values generated)
. replace subject = 2 if int(fachl3/100)==104 & subject>=.
(765 real changes made)
```

```

. replace subject = 3 if fachl3==20001
(71 real changes made)
. replace subject = 4 if int(fachl3/100)==103
(354 real changes made)
. lab def subject 1 "sociology" 2 "social sciences" 3 "economics" 4 "history and culture"
. lab val subject subject
. fre subject
subject

```

		Freq.	Percent	Valid	Cum.
Valid	1 sociology	60	4.80	4.80	4.80
	2 social sciences	765	61.20	61.20	66.00
	3 economics	71	5.68	5.68	71.68
	4 history and culture	354	28.32	28.32	100.00
	Total	1250	100.00	100.00	

```

. fre wovostbg_regling
wovostbg_regling — sprachgebiet wohnort vor studienbeginn

```

		Freq.	Percent	Valid	Cum.
Valid	-5 ausland	144	11.52	11.52	11.52
	1 deutsches sprachgebiet	756	60.48	60.48	72.00
	2 französisches sprachgebiet	292	23.36	23.36	95.36
	3 italienisches sprachgebiet	56	4.48	4.48	99.84
	4 rätoromanisches sprachgebiet	2	0.16	0.16	100.00
	Total	1250	100.00	100.00	

```

. gen byte langreg = 1 if inlist(wovostbg_regling, 1, 4)
(492 missing values generated)
. replace langreg = 2 if inlist(wovostbg_regling, 2, 3)
(348 real changes made)
. replace langreg = 3 if wovostbg_regling== -5
(144 real changes made)
. lab def langreg 1 "german part" 2 "french or italian part" 3 "abroad"
. lab val langreg langreg
. fre langreg
langreg

```

		Freq.	Percent	Valid	Cum.
Valid	1 german part	758	60.64	60.64	60.64
	2 french or italian part	348	27.84	27.84	88.48
	3 abroad	144	11.52	11.52	100.00
	Total	1250	100.00	100.00	

```

. fre anzsem, t(5)
anzsem — a2_1a anzahl semester bis zu dem abschluss

```

		Freq.	Percent	Valid	Cum.
Valid	1	1	0.08	0.08	0.08
	2	8	0.64	0.64	0.72
	3	47	3.76	3.76	4.48
	4	324	25.92	25.92	30.40
	5	118	9.44	9.44	39.84
	:	:	:	:	:
	25	1	0.08	0.08	99.60
	26	2	0.16	0.16	99.76
	33	1	0.08	0.08	99.84
	37	1	0.08	0.08	99.92
	40	1	0.08	0.08	100.00

Total	1250	100.00	100.00
-------	------	--------	--------

```
. gen byte semesters = anzsem if !inlist(anzsem,-9)
. fre stuaufal
stuaufal — a2_5a2 studienaufenthalt/e/forschungsaufenthalt/e an einer gasthochschule im aus
```

		Freq.	Percent	Valid	Cum.
Valid	-9	2	0.16	0.16	0.16
	0 nicht genannt	1000	80.00	80.00	80.16
	1 genannt	248	19.84	19.84	100.00
	Total	1250	100.00	100.00	

```
. gen byte mobil = stuaufal==1 if stuaufal!=-9
(2 missing values generated)
. fre erwstiw1
erwstiw1 — a2_7a1 erwerbstätigkeit mit zusammenhang zum studium - während des studiums
```

		Freq.	Percent	Valid	Cum.
Valid	-9	26	2.08	2.08	2.08
	1 regelmässig	403	32.24	32.24	34.32
	2 gelegentlich	391	31.28	31.28	65.60
	3 nie	430	34.40	34.40	100.00
	Total	1250	100.00	100.00	

```
. gen byte sjob = inlist(erwstiw1,1,2) if erwstiw1>0 // had job related to studies
(26 missing values generated)
. fre k_note_stand, t(5)
k_note_stand — standardisierte abschlussnote auf einer skala von 0 bis 1
```

		Freq.	Percent	Valid	Cum.
Valid	-9	127	10.16	10.16	10.16
	0	2	0.16	0.16	10.32
	.05	1	0.08	0.08	10.40
	.065	1	0.08	0.08	10.48
	.125	1	0.08	0.08	10.56
	:	:	:	:	:
	.9375	1	0.08	0.08	94.80
	.95	15	1.20	1.20	96.00
	.965	2	0.16	0.16	96.16
	.975	1	0.08	0.08	96.24
	1	47	3.76	3.76	100.00
	Total	1250	100.00	100.00	

```
. gen grade = k_note_stand if k_note_stand>=0
(127 missing values generated)
. fre z_wohnf* z_zivstan
z_wohnfal — allein
```

		Freq.	Percent	Valid	Cum.
Valid	-9	74	5.92	5.92	5.92
	0 nicht genannt	884	70.72	70.72	76.64
	1 genannt	292	23.36	23.36	100.00
	Total	1250	100.00	100.00	

```
z_wohnfpa — mit meinem partner/meiner partnerin
```

		Freq.	Percent	Valid	Cum.
Valid	-9	74	5.92	5.92	5.92
	0 nicht genannt	443	35.44	35.44	41.36

1 genannt	733	58.64	58.64	100.00
Total	1250	100.00	100.00	

z_wohnfki — mit kind/ern

	Freq.	Percent	Valid	Cum.
Valid -9	74	5.92	5.92	5.92
0 nicht genannt	900	72.00	72.00	77.92
1 genannt	276	22.08	22.08	100.00
Total	1250	100.00	100.00	

z_wohnfel — bei den eltern

	Freq.	Percent	Valid	Cum.
Valid -9	74	5.92	5.92	5.92
0 nicht genannt	1131	90.48	90.48	96.40
1 genannt	45	3.60	3.60	100.00
Total	1250	100.00	100.00	

z_wohnfer — mit anderen erwachsenen

	Freq.	Percent	Valid	Cum.
Valid -9	74	5.92	5.92	5.92
0 nicht genannt	1074	85.92	85.92	91.84
1 genannt	102	8.16	8.16	100.00
Total	1250	100.00	100.00	

z_zivstan7 — zivilstand

	Freq.	Percent	Valid	Cum.
Valid -9	73	5.84	5.84	5.84
1 ledig	809	64.72	64.72	70.56
2 verheiratet/eingetragene partnerschaft	347	27.76	27.76	98.32
3 verwitwet	2	0.16	0.16	98.48
4 geschieden	19	1.52	1.52	100.00
Total	1250	100.00	100.00	

. gen byte partner = z_zivstan==2 if z_zivstan>0
(73 missing values generated)

. replace partner = 1 if z_wohnfpa==1 & partner<.
(404 real changes made)

. fre z_kind

z_kind — haben oder teilen sie die verantwortung für kinder?

	Freq.	Percent	Valid	Cum.
Valid -9	73	5.84	5.84	5.84
1 ja	291	23.28	23.28	29.12
2 nein	886	70.88	70.88	100.00
Total	1250	100.00	100.00	

. gen byte kids = z_kind==1 if z_kind>0
(73 missing values generated)

. fre z_k_erwerbstat

z_k_erwerbstat — erwerbstätigkeitsstatus

	Freq.	Percent	Valid	Cum.
Valid 1 erwerbstätig	1159	92.72	92.72	92.72
2 erwerbslos	30	2.40	2.40	95.12
3 nichterwerbsperson	61	4.88	4.88	100.00

Total	1250	100.00	100.00
-------	------	--------	--------

```
. gen byte working = z_k_erwerbstat==1 if z_k_erwerbstat>0
. gen byte unempl = z_k_erwerbstat==2 if z_k_erwerbstat>0
. gen byte notemp = z_k_erwerbstat==3 if z_k_erwerbstat>0
. fre z_belage
z_belage13 — sie sind zurzeit erwerbstätig?
```

		Freq.	Percent	Valid	Cum.
Valid	1 ja, ich übe eine erwerbstätigkeit aus	1135	90.80	90.80	90.80
	3 ich bin in einem beschäftigungsprogramm des arbeitsamtes (rav) eingeschrieben	2	0.16	0.16	90.96
	4 nein, ich bin auf der suche nach einer erwerbstätigkeit	34	2.72	2.72	93.68
	5 nein, ich habe aber definitiv eine stelle oder einen auftrag zugesichert bekommen	11	0.88	0.88	94.56
	6 nein, ich gehe zurzeit keiner erwerbstätigkeit nach, weil ich mich ausschliesslich in ausbildung befinde (z.b. zweitstu	23	1.84	1.84	96.40
	7 nein, ich gehe zurzeit keiner erwerbstätigkeit nach, weil ich den haushalt führe bzw. kinder betreue	23	1.84	1.84	98.24
	8 nein, ich gehe zurzeit keiner erwerbstätigkeit nach, weil ich auf reisen bin	8	0.64	0.64	98.88
	9 nein, ich gehe zurzeit keiner erwerbstätigkeit nach, weil ich gesundheitliche probleme habe	7	0.56	0.56	99.44
	10 nein, ich bin aus anderen gründen nicht erwerbstätig	7	0.56	0.56	100.00
	Total	1250	100.00	100.00	

```
. gen byte nereason = 1 if z_belage==7 & notemp==1
(1,235 missing values generated)
. replace nereason = 2 if z_belage==6 & notemp==1
(22 real changes made)
. replace nereason = 3 if nereason>=. & notemp==1
(24 real changes made)
. lab def nereason 1 "household/kids" 2 "in education" 3 "other"
. lab val nereason nereason
. fre nereason
```

		Freq.	Percent	Valid	Cum.
Valid	1 household/kids	15	1.20	24.59	24.59
	2 in education	22	1.76	36.07	60.66
	3 other	24	1.92	39.34	100.00
	Total	61	4.88	100.00	
Missing	.	1189	95.12		
Total		1250	100.00		

```
. fre z_noga, t(5)
z_noga5 — noga2008 6-stellig
```

		Freq.	Percent	Valid	Cum.
Valid	-9	45	3.60	3.60	3.60
	-1	163	13.04	13.04	16.64
	1011100 anbau von getreide (ohne reis), hülsefrüchten und ölsaaten	1	0.08	0.08	16.72
	1014300 haltung von tieren der pferdegattung	2	0.16	0.16	16.88
	1014900 sonstige tierhaltung	1	0.08	0.08	16.96
	:	:	:	:	:
	1949904 sonstige interessenvertretungen und	17	1.36	1.36	99.44

	vereinigungen a. n. g.				
1960300	bestattungswesen	1	0.08	0.08	99.52
1960900	erbringung von sonstigen dienstleistungen a. n. g.	2	0.16	0.16	99.68
1990003	internationale organisationen mit behördecharakter	3	0.24	0.24	99.92
1990099	unbekannt	1	0.08	0.08	100.00
Total		1250	100.00	100.00	

```
. rename z_noga noga
. replace noga = . if noga<0
(208 real changes made, 208 to missing)
. fre z_beruf5, t(5)
z_beruf5 — beruf, 5-stellig
```

		Freq.	Percent	Valid	Cum.
Valid	-999	7	0.56	0.56	0.56
	-9	27	2.16	2.16	2.72
	-1	91	7.28	7.28	10.00
	21103	1	0.08	0.08	10.08
	bäcker/innen, konditoren/konditorinnen, confiseure/confiseurinnen				
	29101	1	0.08	0.08	10.16
	warennachseher/innen und -sortierer/innen				
	:	:	:	:	:
	91106	22	1.76	1.76	88.16
	dienstleistungsberufe, wna				
	91108	120	9.60	9.60	97.76
	sonstige nicht einzuordnende berufe				
	92101	14	1.12	1.12	98.88
	arbeitskräfte mit nicht bestimmbarer kader- oder expertenfunktion				
	92103	9	0.72	0.72	99.60
	arbeitskräfte mit nicht bestimmbarer nicht-manueller berufstätigkeit				
	92104	5	0.40	0.40	100.00
	arbeitskräfte mit nicht bestimmbarer berufstätigkeit				
Total		1250	100.00	100.00	

```
. replace z_beruf5 = . if z_beruf5<0
(125 real changes made, 125 to missing)
. rename z_beruf5 beruf
. fre z_isco4, t(5)
z_isco4 — isco 4-stellig
```

		Freq.	Percent	Valid	Cum.
Valid	-999	11	0.88	0.88	0.88
	-9	27	2.16	2.16	3.04
	-1	91	7.28	7.28	10.32
	10310	1	0.08	0.08	10.40
	angehörige der regulären streitkräfte in sonstigen rängen				
	11000	60	4.80	4.80	15.20
	führungskräfte, ona				
	:	:	:	:	:
	17230	1	0.08	0.08	99.52
	maschinenmechaniker und -schlosser, ona				
	17543	1	0.08	0.08	99.60
	produkttester und -klassierer (ohne nahrungsmittel und getränke)				
	18311	1	0.08	0.08	99.68
	lokomotivführer				
	18322	1	0.08	0.08	99.76
	personenkraftwagen-, taxi-, kleintransporter- und kleinbusfahrer				
	19000	3	0.24	0.24	100.00
	hilfsarbeitskräfte, ona				
Total		1250	100.00	100.00	

```
. rename z_isco4 isco
. replace isco = . if isco<0
(129 real changes made, 129 to missing)
. fre isco, t(5)
isco — isco 4-stellig
```

		Freq.	Percent	Valid	Cum.
Valid	10310 angehörige der regulären streitkräfte in sonstigen rängen	1	0.08	0.09	0.09
	11000 führungskräfte, ona	60	4.80	5.35	5.44
	11112 leitende verwaltungsbedienstete	13	1.04	1.16	6.60
	11114 leitende bedienstete von interessenorganisationen	6	0.48	0.54	7.14
	11120 geschäftsführer und vorstände	23	1.84	2.05	9.19
	:	:	:	:	:
	17230 maschinenmechaniker und -schlosser, ona	1	0.08	0.09	99.46
	17543 produkttester und -klassierer (ohne nahrungsmittel und getränke)	1	0.08	0.09	99.55
	18311 lokomotivführer	1	0.08	0.09	99.64
	18322 personenkraftwagen-, taxi-, kleintransporter- und kleinbusfahrer	1	0.08	0.09	99.73
	19000 hilfsarbeitskräfte, ona	3	0.24	0.27	100.00
	Total	1121	89.68	100.00	
Missing	.	129	10.32		
Total		1250	100.00		

. fre z_wirber5

z_wirber5 — sind sie im öffentlichen dienst oder privaten sektor tätig?

		Freq.	Percent	Valid	Cum.
Valid	-1	91	7.28	7.28	7.28
	1 öffentlicher dienst	670	53.60	53.60	60.88
	2 privater nicht gewinnorientierter (non profit) sektor	153	12.24	12.24	73.12
	3 privater gewinnorientierter sektor	331	26.48	26.48	99.60
	4 sonstiges, bitte angeben:	5	0.40	0.40	100.00
	Total	1250	100.00	100.00	

. gen byte sector = 1 if z_wirber5==1
(580 missing values generated)

. replace sector = 2 if z_wirber5==2
(153 real changes made)

. replace sector = 3 if z_wirber5==3
(331 real changes made)

. lab def sector 1 "public" 2 "NGO" 3 "for profit"

. lab val sector sector

. fre sector

sector

		Freq.	Percent	Valid	Cum.
Valid	1 public	670	53.60	58.06	58.06
	2 NGO	153	12.24	13.26	71.32
	3 for profit	331	26.48	28.68	100.00
	Total	1154	92.32	100.00	
Missing	.	96	7.68		
Total		1250	100.00		

. fre z_k_berstel z_stelbetr

z_k_berstel03 — berufliche stellung

		Freq.	Percent	Valid	Cum.
Valid	-1	91	7.28	7.28	7.28
	1 praktikant/in	15	1.20	1.20	8.48
	2 assistent/in, doktorand/in	163	13.04	13.04	21.52
	3 angestellte/r ohne führungsfunktion	646	51.68	51.68	73.20
	4 angestellte/r mit führungsfunktion	288	23.04	23.04	96.24
	5 selbstständige/r	47	3.76	3.76	100.00

Total	1250	100.00	100.00
-------	------	--------	--------

z_stelbetr11 — berufliche stellung

		Freq.	Percent	Valid	Cum.
Valid	-1	91	7.28	7.28	7.28
	1 praktikant/-in, hilfskraft	15	1.20	1.20	8.48
	3 doktorand/-in, assistent/-in oder lehrbeauftragte/-r u. ä. ohne promotionsabschluss (an einer hochschule)	126	10.08	10.08	18.56
	4 habilitand/-in, (ober-)assistent/-in, post-doktorand/in, lehrbeauftragte/-r, (privat-)dozent/-in u. ä. mit promotionsab	37	2.96	2.96	21.52
	5 professor/-in, assistenzprofessor/-in, (ausser-)ordentliche/-r professor/-in, nicht aber titularprofessor/-in	1	0.08	0.08	21.60
	6 assistenzarzt/-ärztin	6	0.48	0.48	22.08
	7 lehrer/-in	119	9.52	9.52	31.60
	8 arbeitnehmer/-in ohne führungs-/kaderfunktion	512	40.96	40.96	72.56
	9 arbeitnehmer/-in mit führungsfunktion/unteres kader	174	13.92	13.92	86.48
	10 arbeitnehmer/-in mit führungsfunktion/mittleres kader	79	6.32	6.32	92.80
	11 arbeitnehmer/-in mit führungsfunktion/oberes kader	34	2.72	2.72	95.52
	12 mitarbeiter/-in im eigenen familienbetrieb	9	0.72	0.72	96.24
	13 selbstständig ohne arbeitnehmer	39	3.12	3.12	99.36
	14 selbstständig mit arbeitnehmern	8	0.64	0.64	100.00
	Total	1250	100.00	100.00	

```
. gen byte position = 1 if z_k_berstel==3
(604 missing values generated)
. replace position = 2 if z_k_berstel==4
(288 real changes made)
. replace position = 3 if position==2 & z_stelbetr==10
(79 real changes made)
. replace position = 4 if position==2 & inlist(z_stelbetr,5,11) // 5 is Professor
(35 real changes made)
. replace position = 5 if z_k_berstel==5
(47 real changes made)
. replace position = 6 if z_k_berstel==2
(163 real changes made)
. replace position = 7 if z_k_berstel==1
(15 real changes made)
. lab def position 1 employee 2 "low management" 3 "mid management" 4 "high management" ///
> 5 "selfemp" 6 "assistant" 7 "trainee"
. lab val position position
. fre position
position
```

		Freq.	Percent	Valid	Cum.
Valid	1 employee	646	51.68	55.74	55.74
	2 low management	174	13.92	15.01	70.75
	3 mid management	79	6.32	6.82	77.57
	4 high management	35	2.80	3.02	80.59
	5 selfemp	47	3.76	4.06	84.64
	6 assistant	163	13.04	14.06	98.71
	7 trainee	15	1.20	1.29	100.00
	Total	1159	92.72	100.00	
Missing	.	91	7.28		
Total		1250	100.00		

```
. fre z_budgetv
z_budgetv — budgetverantwortung?
```

		Freq.	Percent	Valid	Cum.
Valid	-9	7	0.56	0.56	0.56
	-1	618	49.44	49.44	50.00
	1 ja	156	12.48	12.48	62.48
	2 nein	469	37.52	37.52	100.00
	Total	1250	100.00	100.00	

```
. gen byte budget = z_budgetv==1 if z_budgetv!=-9 & working==1
(98 missing values generated)
```

```
. fre z_ansbef
z_ansbef7 — sind sie befristet oder unbefristet beschäftigt?
```

		Freq.	Percent	Valid	Cum.
Valid	-1	138	11.04	11.04	11.04
	1 befristet	278	22.24	22.24	33.28
	2 unbefristet	834	66.72	66.72	100.00
	Total	1250	100.00	100.00	

```
. gen byte tempemp = z_ansbef==1 if z_ansbef!=-9 & working==1
(91 missing values generated)
```

```
. fre z_k_begradh
z_k_begradh — beschäftigungsgrad hauptbeschäftigung
```

		Freq.	Percent	Valid	Cum.
Valid	-1	91	7.28	7.28	7.28
	1 < 50%	99	7.92	7.92	15.20
	2 50% - 89%	583	46.64	46.64	61.84
	3 90% - 100%	477	38.16	38.16	100.00
	Total	1250	100.00	100.00	

```
. gen byte parttime = inlist(z_k_begradh,1,2) if z_k_begradh!=-9 & working==1
(91 missing values generated)
```

```
. gen byte lowpt = z_k_begradh==1 if z_k_begradh!=-9 & working==1
(91 missing values generated)
```

```
. fre z_k_beinkoh, t(5)
z_k_beinkoh — standardisierter bruttolohn - haupterwerbstätigkeit
```

		Freq.	Percent	Valid	Cum.
Valid	-1	91	7.28	7.28	7.28
	8125	1	0.08	0.08	7.36
	13000	1	0.08	0.08	7.44
	13600	1	0.08	0.08	7.52
	15000	1	0.08	0.08	7.60
	:	:	:	:	:
	171052.6316	1	0.08	0.08	99.60
	200000	2	0.16	0.16	99.76
	216000	1	0.08	0.08	99.84
	226000	1	0.08	0.08	99.92
	351056.6667	1	0.08	0.08	100.00
	Total	1250	100.00	100.00	

```
. gen earnings = z_k_beinkoh/1000 if z_k_beinkoh>0
(91 missing values generated)
```

```
. fre z_k_quali
z_k_quali — qualifikationsanforderungen
```

Freq.	Percent	Valid	Cum.
-------	---------	-------	------

Valid					
-1		91	7.28	7.28	7.28
1	nein, ein hochschulabschluss wurde nicht verlangt	229	18.32	18.32	25.60
2	es wurde keine spezifische studienrichtung verlangt	164	13.12	13.12	38.72
3	auch in verwandten fächern	395	31.60	31.60	70.32
4	ausschliesslich in meinem studienfach	371	29.68	29.68	100.00
Total		1250	100.00	100.00	

```
. gen byte quali = inlist(z_k_quali,3,4) if z_k_quali!=-9 & working==1 // same or related qualification
(91 missing values generated)
```

```
. fre z_angpos z_angaufg z_angkefe z_angeink
```

z_angpos — in bezug auf die berufliche position

		Freq.	Percent	Valid	Cum.
Valid	-9	38	3.04	3.04	3.04
	-1	91	7.28	7.28	10.32
	1 1 überhaupt nicht	65	5.20	5.20	15.52
	2 2	96	7.68	7.68	23.20
	3 3	197	15.76	15.76	38.96
	4 4	343	27.44	27.44	66.40
	5 5 in sehr hohem masse	420	33.60	33.60	100.00
Total		1250	100.00	100.00	

z_angaufg — in bezug auf die übertragenen aufgaben

		Freq.	Percent	Valid	Cum.
Valid	-9	38	3.04	3.04	3.04
	-1	91	7.28	7.28	10.32
	1 1 überhaupt nicht	54	4.32	4.32	14.64
	2 2	112	8.96	8.96	23.60
	3 3	211	16.88	16.88	40.48
	4 4	359	28.72	28.72	69.20
	5 5 in sehr hohem masse	385	30.80	30.80	100.00
Total		1250	100.00	100.00	

z_angkefe — in bezug auf die während der hochschulausbildung erworbenen fachlichen qualifik

		Freq.	Percent	Valid	Cum.
Valid	-1	91	7.28	7.28	7.28
	1 1 überhaupt nicht	78	6.24	6.24	13.52
	2 2	175	14.00	14.00	27.52
	3 3	249	19.92	19.92	47.44
	4 4	311	24.88	24.88	72.32
	5 5 in sehr hohem masse	346	27.68	27.68	100.00
Total		1250	100.00	100.00	

z_angeink — in bezug auf das einkommen

		Freq.	Percent	Valid	Cum.
Valid	-9	39	3.12	3.12	3.12
	-1	91	7.28	7.28	10.40
	1 1 überhaupt nicht	111	8.88	8.88	19.28
	2 2	203	16.24	16.24	35.52
	3 3	286	22.88	22.88	58.40
	4 4	343	27.44	27.44	85.84
	5 5 in sehr hohem masse	177	14.16	14.16	100.00
Total		1250	100.00	100.00	

```
. gen byte fit_pos = z_angpos if z_angpos>0
(129 missing values generated)
```



```

. gen byte fit_task = z_angaufg if z_angaufg>0
(129 missing values generated)
. gen byte fit_qual = z_angkefe if z_angkefe>0
(91 missing values generated)
. gen byte fit_earn = z_angeink if z_angeink>0
(130 missing values generated)
. fre z_bervor
z_bervor — gefühl, bisher die beruflichen ziele erreicht zu haben

```

		Freq.	Percent	Valid	Cum.
Valid	-9	35	2.80	2.80	2.80
	-1	91	7.28	7.28	10.08
	1 überhaupt nicht	73	5.84	5.84	15.92
	2 2	261	20.88	20.88	36.80
	3 3	560	44.80	44.80	81.60
	4 voll und ganz	230	18.40	18.40	100.00
	Total	1250	100.00	100.00	

```

. gen byte success = inlist(z_bervor,3,4) if z_bervor>0
(126 missing values generated)
. // final dataset
. keep id cohort pw birthy origin female uni subject langreg semesters mobil sjob ///
> grade partner kids working unempl notemp nereason noga beruf isco sector position ///
> budget tempemp parttime lowpt earnings quali success ///
> fit_pos fit_task fit_qual fit_earn fachl3
. save 2010, replace
(note: file 2010.dta not found)
file 2010.dta saved

```

2.6 Cohort 2012

```

. zipuse dta/zb2017_de_02NOV2018.dta, clear
( )
. gen int cohort = 2012
. // Selection
. // - only master
. fre k_stufex
k_stufex — examensstufe

```

		Freq.	Percent	Valid	Cum.
Valid	15 bachelor	16181	55.03	55.03	55.03
	25 master	8435	28.69	28.69	83.72
	27 lehrdiplome	2795	9.51	9.51	93.23
	40 doktorat	1991	6.77	6.77	100.00
	Total	29402	100.00	100.00	

```

. keep if k_stufex==25
(20,967 observations deleted)
. // - only university
. fre k_hstyp
k_hstyp — hochschultyp uh fh ph

```

		Freq.	Percent	Valid	Cum.
Valid	1 uh	7176	85.07	85.07	85.07
	2 fh	1259	14.93	14.93	100.00
	Total	8435	100.00	100.00	

```

. keep if k_hstyp==1
(1,259 observations deleted)

```

```
. // - participation in 2nd wave
. fre welle
welle — gültiger fragebogen zweitbefragung
```

		Freq.	Percent	Valid	Cum.
Valid	1 teilnahme nur an erstbefragung	2596	36.18	36.18	36.18
	2 teilnahme an erst- und zweitbefragung	4580	63.82	63.82	100.00
	Total	7176	100.00	100.00	

```
. keep if welle==2
(2,596 observations deleted)
```

```
. // - disciplines
. keep if ///
> fachl2==103 /// 1.3 Historische + Kulturwiss.
> | fachl2==104 /// 1.4 Sozialwissenschaften
> | fachl3==20001 /// Volkswirtschaftslehre
> //
(3,425 observations deleted)
```

```
. fre fachl3
fachl3 — fachrichtung
```

		Freq.	Percent	Valid	Cum.
Valid	10301 philosophie	22	1.90	1.90	1.90
	10302 archäologie, ur- + frühgesch.	11	0.95	0.95	2.86
	10303 geschichte	115	9.96	9.96	12.81
	10304 kunstgeschichte	45	3.90	3.90	16.71
	10305 musikwissenschaft	4	0.35	0.35	17.06
	10306 theater-+ filmwissenschaft	7	0.61	0.61	17.66
	10307 ethnologie + volkskunde	35	3.03	3.03	20.69
	10308 hist.+kulturwiss. fächerüb./übrige	17	1.47	1.47	22.16
	10401 psychologie	318	27.53	27.53	49.70
	10402 erziehungswissenschaften	65	5.63	5.63	55.32
	10404 sonderpädagogik	43	3.72	3.72	59.05
	10405 soziologie	44	3.81	3.81	62.86
	10406 sozialarbeit	6	0.52	0.52	63.38
	10407 humangeographie	18	1.56	1.56	64.94
	10408 politikwissenschaft	173	14.98	14.98	79.91
	10409 kommunikations- + medienwiss.	75	6.49	6.49	86.41
	10410 sozialwiss. fächerübergr./übrige	64	5.54	5.54	91.95
	20001 volkswirtschaftslehre	93	8.05	8.05	100.00
	Total	1155	100.00	100.00	

```
. // Selection of variables
. keep ///
> /// general variables
> cohort ///
> userid /// Identifikationsnummer
> z_k_gewicht annais k_bausl sexe abartld uni_pub fachl3 wovostbg_regling anzsem ///
> gstudal /// studienaufenthalt an einer gasthochschule/praktikum im ausland - studienaufentha
> erwstiw11 k_note_stand ///
> /// personal situation at time of interview
> z_wohnfal z_wohnfpa z_wohnfki z_wohnfel z_wohnfer z_zivstan7 z_kind ///
> /// employment
> z_k_erwerbstat z_belage13 z_noga5 z_beruf5 z_isco4 z_wirber5 ///
> z_k_berstel z_stelbetr11 z_budgetv z_ansbef7 z_k_begradh ///
> z_k_beinkoh z_k_quali z_angpos z_angaufg z_angkefe z_angeink ///
> z_bervor ///
> //
```

```
. // variables for analysis
. rename userid id
```

```
. su id
```

Variable	Obs	Mean	Std. Dev.	Min	Max
----------	-----	------	-----------	-----	-----

id	1,155	122479	12488.18	100022	155560
----	-------	--------	----------	--------	--------

. rename z_k_gewicht pw

. su pw

Variable	Obs	Mean	Std. Dev.	Min	Max
pw	1,155	2.412927	.7516836	1.80362	6.29483

. rename annais birthyr

. su birthyr

Variable	Obs	Mean	Std. Dev.	Min	Max
birthyr	1,155	1983.418	5.201571	1940	1989

. fre k_bausl

k_bausl — nationalität und bildungsherkunft

		Freq.	Percent	Valid	Cum.
Valid	0 schweizerinnen	959	83.03	83.03	83.03
	1 bildungsinländerinnen	37	3.20	3.20	86.23
	2 bildungsausländerinnen	159	13.77	13.77	100.00
	Total	1155	100.00	100.00	

. gen byte origin = k_bausl

. lab def origin 0 "Swiss" 1 "foreign with Swiss education" 2 "foreign"

. lab val origin origin

. fre origin

origin

		Freq.	Percent	Valid	Cum.
Valid	0 Swiss	959	83.03	83.03	83.03
	1 foreign with Swiss education	37	3.20	3.20	86.23
	2 foreign	159	13.77	13.77	100.00
	Total	1155	100.00	100.00	

. fre sexe

sexe — geschlecht

		Freq.	Percent	Valid	Cum.
Valid	1 männer	354	30.65	30.65	30.65
	2 frauen	801	69.35	69.35	100.00
	Total	1155	100.00	100.00	

. gen byte female = sexe==2

. fre uni_pub

uni_pub — hochschule

		Freq.	Percent	Valid	Cum.
Valid	1 universität basel	68	5.89	5.89	5.89
	2 universität bern	172	14.89	14.89	20.78
	3 universität freiburg	112	9.70	9.70	30.48
	4 universität genf	168	14.55	14.55	45.02
	5 universität lausanne	116	10.04	10.04	55.06
	6 universität luzern	24	2.08	2.08	57.14
	7 universität neuenburg	92	7.97	7.97	65.11
	8 universität st. gallen	54	4.68	4.68	69.78
	9 universität zürich	307	26.58	26.58	96.36
	10 universität della svizzera italiana	36	3.12	3.12	99.48
	12 eth zürich	6	0.52	0.52	100.00
	Total	1155	100.00	100.00	

```

. rename uni_pub uni
. lab def uni ///
> 1 Basel ///
> 2 Bern ///
> 3 Fribourg ///
> 4 Geneva ///
> 5 Lausanne ///
> 6 Lucern ///
> 7 Neuchatel ///
> 8 "St Gall" ///
> 9 Zurich ///
> 10 "Svizzera Italiana" ///
> 12 "ETH Zurich" , replace

```

```
. lab val uni uni
```

```
. fre uni
```

```
uni — hochschule
```

	Freq.	Percent	Valid	Cum.
Valid 1 Basel	68	5.89	5.89	5.89
2 Bern	172	14.89	14.89	20.78
3 Fribourg	112	9.70	9.70	30.48
4 Geneva	168	14.55	14.55	45.02
5 Lausanne	116	10.04	10.04	55.06
6 Lucern	24	2.08	2.08	57.14
7 Neuchatel	92	7.97	7.97	65.11
8 St Gall	54	4.68	4.68	69.78
9 Zurich	307	26.58	26.58	96.36
10 Svizzera Italiana	36	3.12	3.12	99.48
12 ETH Zurich	6	0.52	0.52	100.00
Total	1155	100.00	100.00	

```
. fre fachl3
```

```
fachl3 — fachrichtung
```

	Freq.	Percent	Valid	Cum.
Valid 10301 philosophie	22	1.90	1.90	1.90
10302 archäologie, ur- + frühgesch.	11	0.95	0.95	2.86
10303 geschichte	115	9.96	9.96	12.81
10304 kunstgeschichte	45	3.90	3.90	16.71
10305 musikwissenschaft	4	0.35	0.35	17.06
10306 theater-+ filmwissenschaft	7	0.61	0.61	17.66
10307 ethnologie + volkskunde	35	3.03	3.03	20.69
10308 hist.+kulturwiss. fächerüb./übrige	17	1.47	1.47	22.16
10401 psychologie	318	27.53	27.53	49.70
10402 erziehungswissenschaften	65	5.63	5.63	55.32
10404 sonderpädagogik	43	3.72	3.72	59.05
10405 soziologie	44	3.81	3.81	62.86
10406 sozialarbeit	6	0.52	0.52	63.38
10407 humangeographie	18	1.56	1.56	64.94
10408 politikwissenschaft	173	14.98	14.98	79.91
10409 kommunikations- + medienwiss.	75	6.49	6.49	86.41
10410 sozialwiss. fächerübergr./übrige	64	5.54	5.54	91.95
20001 volkswirtschaftslehre	93	8.05	8.05	100.00
Total	1155	100.00	100.00	

```
. gen byte subject = 1 if fachl3==10405
```

```
(1,111 missing values generated)
```

```
. replace subject = 2 if int(fachl3/100)==104 & subject>=.
```

```
(762 real changes made)
```

```
. replace subject = 3 if fachl3==20001
```

```
(93 real changes made)
```

```
. replace subject = 4 if int(fachl3/100)==103
```

(256 real changes made)

```
. lab def subject 1 "sociology" 2 "social sciences" 3 "economics" 4 "history and culture"
. lab val subject subject
. fre subject
subject
```

		Freq.	Percent	Valid	Cum.
Valid	1 sociology	44	3.81	3.81	3.81
	2 social sciences	762	65.97	65.97	69.78
	3 economics	93	8.05	8.05	77.84
	4 history and culture	256	22.16	22.16	100.00
	Total	1155	100.00	100.00	

```
. fre wovostbg_regling
wovostbg_regling — sprachgebiet wohnort vor studienbeginn
```

		Freq.	Percent	Valid	Cum.
Valid	-5 ausland	186	16.10	16.10	16.10
	1 deutsches sprachgebiet	618	53.51	53.51	69.61
	2 französisches sprachgebiet	295	25.54	25.54	95.15
	3 italienisches sprachgebiet	55	4.76	4.76	99.91
	4 rätoromanisches sprachgebiet	1	0.09	0.09	100.00
	Total	1155	100.00	100.00	

```
. gen byte langreg = 1 if inlist(wovostbg_regling, 1, 4)
(536 missing values generated)
. replace langreg = 2 if inlist(wovostbg_regling, 2, 3)
(350 real changes made)
. replace langreg = 3 if wovostbg_regling== -5
(186 real changes made)
. lab def langreg 1 "german part" 2 "french or italian part" 3 "abroad"
. lab val langreg langreg
. fre langreg
langreg
```

		Freq.	Percent	Valid	Cum.
Valid	1 german part	619	53.59	53.59	53.59
	2 french or italian part	350	30.30	30.30	83.90
	3 abroad	186	16.10	16.10	100.00
	Total	1155	100.00	100.00	

```
. fre anzsem, t(5)
anzsem — anzahl semester bis zu dem abschluss
```

		Freq.	Percent	Valid	Cum.
Valid	-9	3	0.26	0.26	0.26
	1	3	0.26	0.26	0.52
	2	10	0.87	0.87	1.39
	3	48	4.16	4.16	5.54
	4	390	33.77	33.77	39.31
	:	:	:	:	:
	28	3	0.26	0.26	99.65
	30	1	0.09	0.09	99.74
	32	1	0.09	0.09	99.83
	34	1	0.09	0.09	99.91
	36	1	0.09	0.09	100.00
	Total	1155	100.00	100.00	

```
. gen byte semesters = anzsem if !inlist(anzsem,-9)
```

(3 missing values generated)

. fre gstudal

gstudal — studienaufenthalt an einer gasthochschule/praktikum im ausland - studienaufentha

		Freq.	Percent	Valid	Cum.
Valid	-9	5	0.43	0.43	0.43
	0 nicht genannt	917	79.39	79.39	79.83
	1 genannt	233	20.17	20.17	100.00
	Total	1155	100.00	100.00	

. gen byte mobil = gstudal==1 if gstudal!=-9

(5 missing values generated)

. fre erwsti11

erwsti11 — erwerbstätigkeit mit zusammenhang zum studium - während des studiums

		Freq.	Percent	Valid	Cum.
Valid	-9	3	0.26	0.26	0.26
	1 regelmässig	383	33.16	33.16	33.42
	2 gelegentlich	369	31.95	31.95	65.37
	3 nie	400	34.63	34.63	100.00
	Total	1155	100.00	100.00	

. gen byte sjob = inlist(erwsti11,1,2) if erwsti11>0 // had job related to studies

(3 missing values generated)

. fre k_note_stand, t(5)

k_note_stand — standardisierte abschlussnote auf einer skala von 0 bis 1

		Freq.	Percent	Valid	Cum.
Valid	-9	78	6.75	6.75	6.75
	0	4	0.35	0.35	7.10
	.05	1	0.09	0.09	7.19
	.125	1	0.09	0.09	7.27
	.1428571429	1	0.09	0.09	7.36
	:	:	:	:	:
	.93	4	0.35	0.35	96.36
	.94	3	0.26	0.26	96.62
	.95	14	1.21	1.21	97.84
	.955	1	0.09	0.09	97.92
	1	24	2.08	2.08	100.00
	Total	1155	100.00	100.00	

. gen grade = k_note_stand if k_note_stand>=0

(78 missing values generated)

. fre z_wohnf* z_zivstan

z_wohnfal — allein

		Freq.	Percent	Valid	Cum.
Valid	-9	52	4.50	4.50	4.50
	0 nicht genannt	858	74.29	74.29	78.79
	1 genannt	245	21.21	21.21	100.00
	Total	1155	100.00	100.00	

z_wohnfpa — mit meinem partner/meiner partnerin

		Freq.	Percent	Valid	Cum.
Valid	-9	52	4.50	4.50	4.50
	0 nicht genannt	372	32.21	32.21	36.71
	1 genannt	731	63.29	63.29	100.00
	Total	1155	100.00	100.00	

z_wohnfki — mit kind/ern

		Freq.	Percent	Valid	Cum.
Valid	-9	52	4.50	4.50	4.50
	0 nicht genannt	852	73.77	73.77	78.27
	1 genannt	251	21.73	21.73	100.00
	Total	1155	100.00	100.00	

z_wohnfel — bei den eltern

		Freq.	Percent	Valid	Cum.
Valid	-9	52	4.50	4.50	4.50
	0 nicht genannt	1067	92.38	92.38	96.88
	1 genannt	36	3.12	3.12	100.00
	Total	1155	100.00	100.00	

z_wohnfer — mit anderen erwachsenen

		Freq.	Percent	Valid	Cum.
Valid	-9	52	4.50	4.50	4.50
	0 nicht genannt	1013	87.71	87.71	92.21
	1 genannt	90	7.79	7.79	100.00
	Total	1155	100.00	100.00	

z_zivstan7 — zivilstand

		Freq.	Percent	Valid	Cum.
Valid	-9	52	4.50	4.50	4.50
	1 ledig	738	63.90	63.90	68.40
	2 verheiratet/eingetragene partnerschaft	346	29.96	29.96	98.35
	3 verwitwet	1	0.09	0.09	98.44
	4 geschieden	18	1.56	1.56	100.00
	Total	1155	100.00	100.00	

. gen byte partner = z_zivstan==2 if z_zivstan>0
(52 missing values generated)

. replace partner = 1 if z_wohnfpa==1 & partner<.
(395 real changes made)

. fre z_kind

z_kind — haben oder teilen sie die verantwortung für kinder?

		Freq.	Percent	Valid	Cum.
Valid	-9	52	4.50	4.50	4.50
	1 ja	267	23.12	23.12	27.62
	2 nein	836	72.38	72.38	100.00
	Total	1155	100.00	100.00	

. gen byte kids = z_kind==1 if z_kind>0
(52 missing values generated)

. fre z_k_erwerbstat

z_k_erwerbstat — erwerbstätigkeitsstatus

		Freq.	Percent	Valid	Cum.
Valid	1 erwerbstätig	1082	93.68	93.68	93.68
	2 erwerbslos	27	2.34	2.34	96.02
	3 nichterwerbsperson	46	3.98	3.98	100.00
	Total	1155	100.00	100.00	

```

. gen byte working = z_k_erwerbstat==1 if z_k_erwerbstat>0
. gen byte unempl = z_k_erwerbstat==2 if z_k_erwerbstat>0
. gen byte notemp = z_k_erwerbstat==3 if z_k_erwerbstat>0
. fre z_belage
z_belage13 — sie sind zurzeit erwerbstätig?

```

		Freq.	Percent	Valid	Cum.
Valid	1 ja, ich übe eine erwerbstätigkeit aus	1059	91.69	91.69	91.69
	3 ich bin in einem beschäftigungsprogramm des arbeitsamtes (rav) eingeschrieben	6	0.52	0.52	92.21
	4 nein, ich bin auf der suche nach einer erwerbstätigkeit	35	3.03	3.03	95.24
	5 nein, ich habe aber definitiv eine stelle oder einen auftrag zugesichert bekommen	8	0.69	0.69	95.93
	6 nein, ich gehe zurzeit keiner erwerbstätigkeit nach, weil ich mich ausschliesslich in ausbildung befinde (z.b. zweitstu	15	1.30	1.30	97.23
	7 nein, ich gehe zurzeit keiner erwerbstätigkeit nach, weil ich den haushalt führe bzw. kinder betreue	15	1.30	1.30	98.53
	8 nein, ich gehe zurzeit keiner erwerbstätigkeit nach, weil ich auf reisen bin	9	0.78	0.78	99.31
	10 nein, ich bin aus anderen gründen nicht erwerbstätig	8	0.69	0.69	100.00
	Total	1155	100.00	100.00	

```

. gen byte nereason = 1 if z_belage==7 & notemp==1
(1,143 missing values generated)
. replace nereason = 2 if z_belage==6 & notemp==1
(12 real changes made)
. replace nereason = 3 if nereason>=. & notemp==1
(22 real changes made)
. lab def nereason 1 "household/kids" 2 "in education" 3 "other"
. lab val nereason nereason
. fre nereason
nereason

```

		Freq.	Percent	Valid	Cum.
Valid	1 household/kids	12	1.04	26.09	26.09
	2 in education	12	1.04	26.09	52.17
	3 other	22	1.90	47.83	100.00
	Total	46	3.98	100.00	
Missing	.	1109	96.02		
Total		1155	100.00		

```

. fre z_noga, t(5)
z_noga5 — noga2008 6-stellig

```

		Freq.	Percent	Valid	Cum.
Valid	-9	50	4.33	4.33	4.33
	-1	157	13.59	13.59	17.92
	1011900 anbau von sonstigen einjährigen pflanzen	1	0.09	0.09	18.01
	1014500 haltung von schafen und ziegen	1	0.09	0.09	18.10
	1014900 sonstige tierhaltung	1	0.09	0.09	18.18
	:	:	:	:	:
	1949904 sonstige interessenvertretungen und vereinigungen a. n. g.	11	0.95	0.95	98.87
	1960900 erbringung von sonstigen dienstleistungen a. n. g.	1	0.09	0.09	98.96
	1990002 botschaften	1	0.09	0.09	99.05

1990003 internationale organisationen mit behördecharakter	10	0.87	0.87	99.91
1990099 unbekannt	1	0.09	0.09	100.00
Total	1155	100.00	100.00	

```
. rename z_noga noga
. replace noga = . if noga<0
(207 real changes made, 207 to missing)
. fre z_beruf5, t(5)
z_beruf5 — beruf, 5-stellig
```

		Freq.	Percent	Valid	Cum.
Valid	-999	18	1.56	1.56	1.56
	-9	30	2.60	2.60	4.16
	-1	73	6.32	6.33	10.49
	11203 gemüsebauern/-bäuerinnen und gemüsegärtner/innen	1	0.09	0.09	10.58
	29104 sonstige be- und verarbeitende berufe	1	0.09	0.09	10.67
	:	:	:	:	:
	91106 dienstleistungsberufe, wna	21	1.82	1.82	88.46
	91108 sonstige nicht einzuordnende berufe	98	8.48	8.50	96.96
	92101 arbeitskräfte mit nicht bestimmbarer kader- oder expertenfunktion	18	1.56	1.56	98.53
	92103 arbeitskräfte mit nicht bestimmbarer nicht-manueller berufstätigkeit	14	1.21	1.21	99.74
	92104 arbeitskräfte mit nicht bestimmbarer berufstätigkeit	3	0.26	0.26	100.00
	Total	1153	99.83	100.00	
Missing	.	2	0.17		
Total		1155	100.00		

```
. replace z_beruf5 = . if z_beruf5<0
(121 real changes made, 121 to missing)
. rename z_beruf5 beruf
. fre z_isco4, t(5)
z_isco4 — isco 4-stellig
```

		Freq.	Percent	Valid	Cum.
Valid	-999 keine zuweisung möglich	21	1.82	1.82	1.82
	-9	30	2.60	2.60	4.42
	-1	73	6.32	6.33	10.75
	11000 führungskräfte, ona	56	4.85	4.86	15.61
	11112 leitende verwaltungsbedienstete	14	1.21	1.21	16.83
	:	:	:	:	:
	15414 sicherheitswachpersonal	1	0.09	0.09	99.57
	16111 ackerbauern und gemüseanbauer	1	0.09	0.09	99.65
	19000 hilfsarbeitskräfte, ona	2	0.17	0.17	99.83
	19110 reinigungspersonal und hilfskräfte in privathaushalten, hotels und büros, ona	1	0.09	0.09	99.91
	19320 hilfsarbeiter bei der herstellung von waren, ona	1	0.09	0.09	100.00
	Total	1153	99.83	100.00	
Missing	.	2	0.17		
Total		1155	100.00		

```
. rename z_isco4 isco
. replace isco = . if isco<0
(124 real changes made, 124 to missing)
. fre isco, t(5)
isco — isco 4-stellig
```

	Freq.	Percent	Valid	Cum.
--	-------	---------	-------	------

Valid	11000	führungskräfte, ona	56	4.85	5.44	5.44
	11112	leitende verwaltungsbedienstete	14	1.21	1.36	6.80
	11114	leitende bedienstete von interessenorganisationen	6	0.52	0.58	7.39
	11120	geschäftsführer und vorstände	28	2.42	2.72	10.11
	11200	führungskräfte im kaufmännischen bereich, ona	1	0.09	0.10	10.20
	:	:	:	:	:	:
	15414	sicherheitswachpersonal	1	0.09	0.10	99.51
	16111	ackerbauern und gemüseanbauer	1	0.09	0.10	99.61
	19000	hilfsarbeitskräfte, ona	2	0.17	0.19	99.81
	19110	reinigungspersonal und hilfskräfte in privathaushalten, hotels und büros, ona	1	0.09	0.10	99.90
	19320	hilfsarbeiter bei der herstellung von waren, ona	1	0.09	0.10	100.00
	Total		1029	89.09	100.00	
Missing	.		126	10.91		
Total			1155	100.00		

. fre z_wirber5

z_wirber5 — sind sie im öffentlichen dienst oder privaten sektor tätig?

		Freq.	Percent	Valid	Cum.
Valid	-1	73	6.32	6.32	6.32
	1 öffentlicher dienst	625	54.11	54.11	60.43
	2 privater nicht gewinnorientierter (non profit) sektor	139	12.03	12.03	72.47
	3 privater gewinnorientierter sektor	310	26.84	26.84	99.31
	4 sonstiges, bitte angeben:	8	0.69	0.69	100.00
	Total	1155	100.00	100.00	

. gen byte sector = 1 if z_wirber5==1
(530 missing values generated)

. replace sector = 2 if z_wirber5==2
(139 real changes made)

. replace sector = 3 if z_wirber5==3
(310 real changes made)

. lab def sector 1 "public" 2 "NGO" 3 "for profit"

. lab val sector sector

. fre sector

sector

		Freq.	Percent	Valid	Cum.
Valid	1 public	625	54.11	58.19	58.19
	2 NGO	139	12.03	12.94	71.14
	3 for profit	310	26.84	28.86	100.00
	Total	1074	92.99	100.00	
Missing	.	81	7.01		
Total		1155	100.00		

. fre z_k_berstel z_stelbetr

z_k_berstel03 — berufliche stellung

		Freq.	Percent	Valid	Cum.
Valid	-1	73	6.32	6.32	6.32
	1 praktikant/in	8	0.69	0.69	7.01
	2 assistent/in, doktorand/in	120	10.39	10.39	17.40
	3 angestellte/r ohne führungsfunktion	623	53.94	53.94	71.34
	4 angestellte/r mit führungsfunktion	302	26.15	26.15	97.49
	5 selbstständige/r	29	2.51	2.51	100.00
	Total	1155	100.00	100.00	

z_stelbetr11 — berufliche stellung

		Freq.	Percent	Valid	Cum.
Valid	-1	73	6.32	6.32	6.32
	1 praktikant/-in, hilfskraft	8	0.69	0.69	7.01
	3 doktorand/-in, assistent/-in oder lehrbeauftragte/-r u. ä. ohne promotionsabschluss (an einer hochschule)	98	8.48	8.48	15.50
	4 habilitand/-in, (ober-)assistent/-in, post-doktorand/in, lehrbeauftragte/-r, (privat-)dozent/-in u. ä. mit promotionsab	22	1.90	1.90	17.40
	5 professor/-in, assistenzprofessor/-in, (ausser-)ordentliche/-r professor/-in, nicht aber titularprofessor/-in	4	0.35	0.35	17.75
	6 assistenzarzt/-ärztin	5	0.43	0.43	18.18
	7 lehrer/-in	110	9.52	9.52	27.71
	8 arbeitnehmer/-in ohne führungs-/kaderfunktion	501	43.38	43.38	71.08
	9 arbeitnehmer/-in mit führungsfunktion/unteres kader	205	17.75	17.75	88.83
	10 arbeitnehmer/-in mit führungsfunktion/mittleres kader	60	5.19	5.19	94.03
	11 arbeitnehmer/-in mit führungsfunktion/oberes kader	33	2.86	2.86	96.88
	12 mitarbeiter/-in im eigenen familienbetrieb	7	0.61	0.61	97.49
	13 selbstständig ohne arbeitnehmer	26	2.25	2.25	99.74
	14 selbstständig mit arbeitnehmern	3	0.26	0.26	100.00
	Total	1155	100.00	100.00	

```

. gen byte position = 1 if z_k_berstel==3
(532 missing values generated)
. replace position = 2 if z_k_berstel==4
(302 real changes made)
. replace position = 3 if position==2 & z_stelbetr==10
(60 real changes made)
. replace position = 4 if position==2 & inlist(z_stelbetr,5,11) // 5 is Professor
(37 real changes made)
. replace position = 5 if z_k_berstel==5
(29 real changes made)
. replace position = 6 if z_k_berstel==2
(120 real changes made)
. replace position = 7 if z_k_berstel==1
(8 real changes made)
. lab def position 1 employee 2 "low management" 3 "mid management" 4 "high management" ///
> 5 "selfemp" 6 "assistant" 7 "trainee"
. lab val position position
. fre position
position

```

		Freq.	Percent	Valid	Cum.
Valid	1 employee	623	53.94	57.58	57.58
	2 low management	205	17.75	18.95	76.52
	3 mid management	60	5.19	5.55	82.07
	4 high management	37	3.20	3.42	85.49
	5 selfemp	29	2.51	2.68	88.17
	6 assistant	120	10.39	11.09	99.26
	7 trainee	8	0.69	0.74	100.00
	Total	1082	93.68	100.00	
Missing	.	73	6.32		
Total		1155	100.00		

```

. fre z_budgetv

```

z_budgetv — budgetverantwortung?

		Freq.	Percent	Valid	Cum.
Valid	-9	6	0.52	0.52	0.52
	-1	582	50.39	50.39	50.91
	1 ja	140	12.12	12.12	63.03
	2 nein	427	36.97	36.97	100.00
	Total	1155	100.00	100.00	

```
. gen byte budget = z_budgetv==1 if z_budgetv!=-9 & working==1
(73 missing values generated)
```

```
. fre z_ansbef
```

z_ansbef7 — sind sie befristet oder unbefristet beschäftigt?

		Freq.	Percent	Valid	Cum.
Valid	-1	102	8.83	8.83	8.83
	1 befristet	275	23.81	23.81	32.64
	2 unbefristet	778	67.36	67.36	100.00
	Total	1155	100.00	100.00	

```
. gen byte tempemp = z_ansbef==1 if z_ansbef!=-9 & working==1
(73 missing values generated)
```

```
. fre z_k_begradh
```

z_k_begradh — beschäftigungsgrad hauptbeschäftigung

		Freq.	Percent	Valid	Cum.
Valid	-1	73	6.32	6.32	6.32
	1 < 50%	80	6.93	6.93	13.25
	2 50% - 89%	517	44.76	44.76	58.01
	3 90% - 100%	485	41.99	41.99	100.00
	Total	1155	100.00	100.00	

```
. gen byte parttime = inlist(z_k_begradh,1,2) if z_k_begradh!=-9 & working==1
(73 missing values generated)
```

```
. gen byte lowpt = z_k_begradh==1 if z_k_begradh!=-9 & working==1
(73 missing values generated)
```

```
. fre z_k_beinkoh, t(5)
```

z_k_beinkoh — standardisierter bruttolohn - haupterwerbstätigkeit

		Freq.	Percent	Valid	Cum.
Valid	-1	73	6.32	6.32	6.32
	13500	1	0.09	0.09	6.41
	15000	1	0.09	0.09	6.49
	18000	1	0.09	0.09	6.58
	20000	4	0.35	0.35	6.93
	:	:	:	:	:
	160000	4	0.35	0.35	99.31
	162500	3	0.26	0.26	99.57
	200000	3	0.26	0.26	99.83
	205000	1	0.09	0.09	99.91
	1400000	1	0.09	0.09	100.00
	Total	1155	100.00	100.00	

```
. gen earnings = z_k_beinkoh/1000 if z_k_beinkoh>0
(73 missing values generated)
```

```
. fre z_k_quali
```

z_k_quali — qualifikationsanforderungen

		Freq.	Percent	Valid	Cum.
--	--	-------	---------	-------	------

Valid					
-1		73	6.32	6.32	6.32
1	nein, ein hochschulabschluss wurde nicht verlangt	200	17.32	17.32	23.64
2	es wurde keine spezifische studienrichtung verlangt	132	11.43	11.43	35.06
3	auch in verwandten fächern	411	35.58	35.58	70.65
4	ausschliesslich in meinem studienfach	339	29.35	29.35	100.00
Total		1155	100.00	100.00	

```
. gen byte quali = inlist(z_k_quali,3,4) if z_k_quali!=-9 & working==1 // same or related qualification
(73 missing values generated)
```

```
. fre z_angpos z_angaufg z_angkefe z_angeink
```

z_angpos — in bezug auf die berufliche position

		Freq.	Percent	Valid	Cum.
Valid	-9	29	2.51	2.51	2.51
	-1	73	6.32	6.32	8.83
	1 1 überhaupt nicht	71	6.15	6.15	14.98
	2 2	92	7.97	7.97	22.94
	3 3	183	15.84	15.84	38.79
	4 4	325	28.14	28.14	66.93
	5 5 in sehr hohem masse	382	33.07	33.07	100.00
Total		1155	100.00	100.00	

z_angaufg — in bezug auf die übertragenen aufgaben

		Freq.	Percent	Valid	Cum.
Valid	-9	29	2.51	2.51	2.51
	-1	73	6.32	6.32	8.83
	1 1 überhaupt nicht	64	5.54	5.54	14.37
	2 2	96	8.31	8.31	22.68
	3 3	219	18.96	18.96	41.65
	4 4	353	30.56	30.56	72.21
	5 5 in sehr hohem masse	321	27.79	27.79	100.00
Total		1155	100.00	100.00	

z_angkefe — in bezug auf die während der hochschulausbildung erworbenen fachlichen qualifik

		Freq.	Percent	Valid	Cum.
Valid	-1	73	6.32	6.32	6.32
	1 1 überhaupt nicht	63	5.45	5.45	11.77
	2 2	151	13.07	13.07	24.85
	3 3	291	25.19	25.19	50.04
	4 4	281	24.33	24.33	74.37
	5 5 in sehr hohem masse	296	25.63	25.63	100.00
Total		1155	100.00	100.00	

z_angeink — in bezug auf das einkommen

		Freq.	Percent	Valid	Cum.
Valid	-9	29	2.51	2.51	2.51
	-1	73	6.32	6.32	8.83
	1 1 überhaupt nicht	94	8.14	8.14	16.97
	2 2	168	14.55	14.55	31.52
	3 3	306	26.49	26.49	58.01
	4 4	307	26.58	26.58	84.59
	5 5 in sehr hohem masse	178	15.41	15.41	100.00
Total		1155	100.00	100.00	

```
. gen byte fit_pos = z_angpos if z_angpos>0
(102 missing values generated)
```

```
. gen byte fit_task = z_angaufg if z_angaufg>0
```

```
(102 missing values generated)
. gen byte fit_qual = z_angkefe if z_angkefe>0
(73 missing values generated)
. gen byte fit_earn = z_angeink if z_angeink>0
(102 missing values generated)
. fre z_bervor
z_bervor — gefühl, bisher die beruflichen ziele erreicht zu haben
```

		Freq.	Percent	Valid	Cum.
Valid	-9	29	2.51	2.51	2.51
	-1	73	6.32	6.32	8.83
	1 überhaupt nicht	68	5.89	5.89	14.72
	2 2	249	21.56	21.56	36.28
	3 3	527	45.63	45.63	81.90
	4 voll und ganz	209	18.10	18.10	100.00
	Total	1155	100.00	100.00	

```
. gen byte success = inlist(z_bervor,3,4) if z_bervor>0
(102 missing values generated)
. // final dataset
. keep id cohort pw birthyr origin female uni subject langreg semesters mobil sjob ///
> grade partner kids working unempl notemp nereason noga beruf isco sector position ///
> budget tempemp parttime lowpt earnings quali success ///
> fit_pos fit_task fit_qual fit_earn fachl3
. save 2012, replace
(note: file 2012.dta not found)
file 2012.dta saved
```

2.7 Append data into single file

```
. use 2012, clear
( )
. forv d=2010(-2)2002 {
2. append using `d', nolabel
3. }
. order cohort id pw birthyr female origin langreg uni subject fachl3 semesters ///
> grade sjob mobil partner kids working unempl notemp nereason
. rename fachl3 subjectd
. sort cohort id
. lab var cohort "Study cohort"
. lab var id "Person ID"
. lab var pw "Sampling weights"
. lab var birthyr "Birth year"
. lab var female "Gender"
. lab var origin "Origin"
. lab var langreg "Language region before starting studying"
. lab var uni "University"
. lab var subject "Major"
. lab var subjectd "Major (detailed)"
. lab var semesters "Number of semesters studied"
. lab var grade "Final grade (0-1)"
. lab var sjob "Had job(s) related to major during studies"
. lab var mobil "Did study exchange abroad"
. lab var partner "Is married/has partner"
. lab var kids "Has kids"
. lab var working "Is gainfully employed"
```

```

. lab var unempl      "Is unemployed/looking for job"
. lab var notemp      "Is not employed"
. lab var nereason    "Reason why not employed"
. lab var noga        "Economic branch"
. lab var beruf       "Occupation (Swiss classification)"
. lab var isco        "Occupation (ISCO)"
. lab var sector      "Economic sector"
. lab var position    "Occupational position"
. lab var budget      "Has budget responsibility"
. lab var tempemp     "Has temporary contract"
. lab var parttime    "Works part time"
. lab var lowpt       "Works low part time"
. lab var earnings    "Standardized yearly earnings"
. lab var quali       "Job requires degree similar to own degree"
. lab var fit_pos     "Job fits own qualification: position"
. lab var fit_task    "Job fits own qualification: tasks"
. lab var fit_qual    "Job fits own qualification: required qualification"
. lab var fit_earn    "Job fits own qualification: earnings"
. lab var success     "Could realize occupational aspirations"

. save workingdata, replace
file workingdata.dta saved

. forv d=2012(-2)2002 {
  2.   erase `d'.dta
  3. }

```

3 Analysis

```

. capt erase results.rtf // output file for tables
. use workingdata, replace
( )
. d
Contains data from workingdata.dta
  obs:      7,341
  vars:      36                               4 Dec 2019 10:12

```

variable name	storage type	display format	value label	variable label
cohort	int	%8.0g		Study cohort
id	long	%12.0g		Person ID
pw	double	%12.0g		Sampling weights
birthyr	int	%8.0g		Birth year
female	byte	%8.0g		Gender
origin	byte	%28.0g	origin	Origin
langreg	byte	%22.0g	langreg	Language region before starting studying
uni	byte	%17.0g	uni	University
subject	byte	%19.0g	subject	Major
subjectd	long	%12.0g	fachl3	Major (detailed)
semesters	byte	%8.0g		Number of semesters studied
grade	double	%10.0g		Final grade (0-1)
sjob	byte	%8.0g		Had job(s) related to major during studies
mobil	byte	%8.0g		Did study exchange abroad
partner	byte	%8.0g		Is married/has partner
kids	byte	%8.0g		Has kids
working	byte	%8.0g		Is gainfully employed
unempl	byte	%8.0g		Is unemployed/looking for job
notemp	byte	%8.0g		Is not employed
nereason	byte	%14.0g	nereason	Reason why not employed

noga	long	%12.0g	z_noga5	Economic branch
beruf	long	%12.0g	z_beruf5	Occupation (Swiss classification)
isco	int	%8.0g	z_isco4	Occupation (ISCO)
sector	byte	%10.0g	sector	Economic sector
position	byte	%15.0g	position	Occupational position
budget	byte	%8.0g		Has budget responsibility
tempemp	byte	%8.0g		Has temporary contract
parttime	byte	%8.0g		Works part time
lowpt	byte	%8.0g		Works low part time
earnings	double	%10.0g		Standardized yearly earnings
quali	byte	%8.0g		Job requires degree similar to own degree
fit_pos	byte	%8.0g		Job fits own qualification: position
fit_task	byte	%8.0g		Job fits own qualification: tasks
fit_qual	byte	%8.0g		Job fits own qualification: required qualification
fit_earn	byte	%8.0g		Job fits own qualification: earnings
success	byte	%8.0g		Could realize occupational aspirations

Sorted by: cohort id

3.1 Definition of comparison groups

Decided to treat psychology as a separate category after the data had been prepared. This is why variable major is generated here.

```
. gen byte major = subject
. replace major = major+1 if major>=3
(2,343 real changes made)
. replace major = 3 if subjectd==10401
(1,997 real changes made)
. lab def major 1 "sociology" 2 "other social sciences" 3 "psychology" ///
> 4 "economics" 5 "history and culture"
. lab val major major
. fre major
major
```

		Freq.	Percent	Valid	Cum.
Valid	1 sociology	364	4.96	4.96	4.96
	2 other social sciences	2637	35.92	35.92	40.88
	3 psychology	1997	27.20	27.20	68.08
	4 economics	498	6.78	6.78	74.87
	5 history and culture	1845	25.13	25.13	100.00
	Total	7341	100.00	100.00	

3.2 Number of observations/group sizes

```
. svyset [pw=pw]
    pweight: pw
    VCE: linearized
    Single unit: missing
    Strata 1: <one>
    SU 1: <observations>
    FPC 1: <zero>
. svy: tab major cohort, count
(running tabulate on estimation sample)
Number of strata = 1          Number of obs = 7,341
Number of PSUs = 7,341      Population size = 17,231.088
                                Design df = 7,340
```

	Study cohort
--	--------------

major	2002	2004	2006	2008	2010	2012	Total
sociolog	88.33	158.7	161.9	176.9	128.7	92.3	806.9
other so	844.2	975.8	1087	1476	1054	1122	6559
psycholo	679.7	723.8	914.4	680.2	718.6	679.6	4396
economic	185.1	245	214.7	264.3	200.1	272.1	1381
history	593.6	592.7	713.1	799	768.5	620.8	4088
Total	2391	2696	3091	3396	2870	2787	1.7e+04

Key: weighted count

Pearson:

Uncorrected chi2(20) = 79.8952
Design-based F(19.68, 1.4e+05)= 3.7032 P = 0.0000

. svy: tab major cohort, col percent format(%9.1f)
(running tabulate on estimation sample)

Number of strata = 1 Number of obs = 7,341
Number of PSUs = 7,341 Population size = 17,231.088
 Design df = 7,340

major	Study cohort						Total
	2002	2004	2006	2008	2010	2012	
sociolog	3.7	5.9	5.2	5.2	4.5	3.3	4.7
other so	35.3	36.2	35.2	43.5	36.7	40.3	38.1
psycholo	28.4	26.8	29.6	20.0	25.0	24.4	25.5
economic	7.7	9.1	6.9	7.8	7.0	9.8	8.0
history	24.8	22.0	23.1	23.5	26.8	22.3	23.7
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Key: column percentage

Pearson:

Uncorrected chi2(20) = 79.8952
Design-based F(19.68, 1.4e+05)= 3.7032 P = 0.0000

. svy: tab subjectd cohort if major==2, col
(running tabulate on estimation sample)

Number of strata = 1 Number of obs = 2,637
Number of PSUs = 2,637 Population size = 6,558.8198
 Design df = 2,636

Major (detailed)	Study cohort						Total
	2002	2004	2006	2008	2010	2012	
erziehun	.2582	.242	.1434	.1489	.1449	.1312	.1722
sonderpä	.067	.0325	.0539	.0616	.0938	.079	.0648
sozialar	.0434	.0552	.028	.0274	.0082	.0117	.0279
humangeo	.062	.06	.0328	.0321	.0404	.0356	.0421
politikw	.3305	.3699	.4637	.4431	.383	.4307	.4094
kommunik	.1777	.1771	.2281	.2316	.2213	.1745	.2045
sozialwi	.0611	.0633	.0501	.0553	.1084	.1374	.079
Total	1	1	1	1	1	1	1

Key: column proportion

Pearson:

Uncorrected chi2(30) = 139.2707
Design-based F(29.68, 78229.35)= 4.6454 P = 0.0000

3.3 Definition of helper program for data analysis

capt prog drop resultstbl

```

program resultstbl
  matrix res = J(5,5,.z)
  mat coln res = "Overall" "p-value" "Male" "Female" "p-value"
  qui fre major, novalue
  mat rown res = `r(lab_valid)'
  foreach v in `0' {
    di _n as res `>=> `: var lab `v'' {hline}"
    mean `v' [pw=pw], over(major)
    local N = e(N)
    mat res[1,1] = e(b)' * 100
    forv i=2/5 {
      di _n as res "> inlist(major,1,2)"
      logit `v' 1.major [pw=pw] if inlist(major,1,`i'), noheader nolog
      qui test 1.major
      mat res[`i',2] = r(p)
    }
    mean `v' [pw=pw] if female==0, over(major)
    mat res[1,3] = e(b)' * 100
    mean `v' [pw=pw] if female==1, over(major)
    mat res[1,4] = e(b)' * 100
    forv i=1/5 {
      di _n as res "> major==`i'"
      logit `v' i.female [pw=pw] if major==`i', noheader nolog
      qui test 1.female
      mat res[`i',5] = r(p)
    }
    esttab matrix(res, fmt(1 3 1 1 3)), title("`": var lab `v'' (N = `N')") nomti
    esttab matrix(res, fmt(1 3 1 1 3)) using results.rtf, append ///
    nomti title("`": var lab `v'' (N = `N')") varwidth(20) modelw(8)
  }
end

```

3.4 Labor market status

```

. // status
. resultstbl working unempl notemp
=> Is gainfully employed

```

Mean estimation Number of obs = 7,338

	Mean	Std. Err.	[95% Conf. Interval]	
c.working@major				
sociology	.9264157	.0143842	.8982186	.9546127
other social sciences	.9309752	.0054053	.9203794	.9415711
psychology	.9389044	.0056713	.9277871	.9500218
economics	.9665253	.0083168	.9502221	.9828285
history and culture	.9106012	.0069379	.897001	.9242014

```

=> inlist(major,1,2)

```

working	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	-.0688776	.2271752	-0.30	0.762	-.5141329	.3763776
_cons	2.601767	.0841233	30.93	0.000	2.436889	2.766646

```

=> inlist(major,1,2)

```

working	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	-.1993837	.2330523	-0.86	0.392	-.6561577	.2573904
_cons	2.732274	.0988807	27.63	0.000	2.538472	2.926077

=> major==4

working	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	-.7501393	.5159	-1.45	0.146	-1.761285	.261006
_cons	3.668212	.3409666	10.76	0.000	2.999929	4.336494

=> major==5

working	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	-.4356111	.1869678	-2.33	0.020	-.8020614	-.0691609
_cons	2.599614	.1569747	16.56	0.000	2.29195	2.907279

Is gainfully employed (N = 7338)

	Overall	p-value	Male	Female	p-value
sociology	92.6		93.9	91.9	0.504
other soci-s	93.1	0.762	92.7	93.3	0.624
psychology	93.9	0.392	95.1	93.6	0.298
economics	96.7	0.013	97.5	94.9	0.146
history an-e	91.1	0.352	93.1	89.7	0.020

(note: file results.rtf not found)

(output written to results.rtf)

==> Is unemployed/looking for job

Mean estimation Number of obs = 7,338

	Mean	Std. Err.	[95% Conf. Interval]	
c.unempl@major				
sociology	.0282111	.0093882	.0098074	.0466147
other social sciences	.0293075	.0037652	.0219267	.0366884
psychology	.017818	.0031176	.0117065	.0239294
economics	.0126373	.004762	.0033023	.0219723
history and culture	.0233348	.0037103	.0160615	.0306081

=> inlist(major,1,2)

unempl	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	-.0392588	.3671684	-0.11	0.915	-.7588956	.680378
_cons	-3.500165	.1323638	-26.44	0.000	-3.759593	-3.240737

=> inlist(major,1,2)

unempl	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	.470145	.3860674	1.22	0.223	-.2865331	1.226823
_cons	-4.009569	.1781712	-22.50	0.000	-4.358778	-3.66036

=> inlist(major,1,2)

unempl	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	.8189622	.5130246	1.60	0.110	-.1865474	1.824472
_cons	-4.358386	.3818438	-11.41	0.000	-5.106786	-3.609986

=> inlist(major,1,2)

unempl	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major sociology	.1947736	.3792356	0.51	0.608	-.5485145	.9380617
_cons	-3.734198	.1628285	-22.93	0.000	-4.053335	-3.41506

Mean estimation Number of obs = 2,426

	Mean	Std. Err.	[95% Conf. Interval]	
c.unempl@major sociology	.0388427	.0171358	.0052405	.072445
other social sciences psychology	.0327877	.0067496	.0195521	.0460232
economics	.0115226	.0057372	.0002723	.0227729
history and culture	.0135275	.0060325	.0016981	.0253568
	.0168216	.0048515	.007308	.0263351

Mean estimation Number of obs = 4,912

	Mean	Std. Err.	[95% Conf. Interval]	
c.unempl@major sociology	.0221854	.0110435	.0005352	.0438356
other social sciences psychology	.0273601	.0044958	.0185465	.0361738
economics	.0192079	.0035878	.0121742	.0262416
history and culture	.0107929	.0076029	-.0041122	.025698
	.0277223	.0052728	.0173852	.0380594

=> major==1

unempl	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	-.5772671	.6862801	-0.84	0.400	-1.922351	.7678172
_cons	-3.208617	.4595232	-6.98	0.000	-4.109266	-2.307968

=> major==2

unempl	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	-.186561	.2717413	-0.69	0.492	-.7191641	.3460421
_cons	-3.384365	.2128323	-15.90	0.000	-3.801509	-2.967222

=> major==3

unempl	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	.5188169	.5385413	0.96	0.335	-.5367047	1.574339
_cons	-4.451855	.5037327	-8.84	0.000	-5.439153	-3.464557

=> major==4

unempl	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	-.2286011	.844226	-0.27	0.787	-1.883254	1.426051
_cons	-4.289412	.4524199	-9.48	0.000	-5.176139	-3.402685

=> major==5

unempl	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	.5107244	.3526243	1.45	0.148	-.1804065	1.201855
_cons	-4.068129	.2933631	-13.87	0.000	-4.64311	-3.493148

Is unemployed/looking for job (N = 7338)

	Overall	p-value	Male	Female	p-value
sociology	2.8		3.9	2.2	0.400
other soci-s	2.9	0.915	3.3	2.7	0.492
psychology	1.8	0.223	1.2	1.9	0.335
economics	1.3	0.110	1.4	1.1	0.787
history an-e	2.3	0.608	1.7	2.8	0.148

(output written to results.rtf)

=> Is not employed

Mean estimation Number of obs = 7,338

	Mean	Std. Err.	[95% Conf. Interval]	
c.notemp@major				
sociology	.0453733	.0112816	.023258	.0674885
other social sciences	.0397172	.0040309	.0318155	.047619
psychology	.0432776	.0048336	.0338023	.0527529
economics	.0208374	.0068927	.0073258	.0343491
history and culture	.066064	.0060257	.0542519	.077876

=> inlist(major,1,2)

notemp	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	.1390452	.2811127	0.49	0.621	-.4119255	.6900159
_cons	-3.185443	.1056987	-30.14	0.000	-3.392608	-2.978277

=> inlist(major,1,2)

notemp	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	.0494813	.2854656	0.17	0.862	-.510021	.6089835
_cons	-3.095878	.1167579	-26.52	0.000	-3.32472	-2.867037

=> inlist(major,1,2)

notemp	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	.8035493	.4267907	1.88	0.060	-.0329451	1.640044
_cons	-3.849947	.3379971	-11.39	0.000	-4.512409	-3.187484

=> inlist(major,1,2)

notemp	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	-.3976126	.2782105	-1.43	0.153	-.9428953	.14767
_cons	-2.648785	.0976774	-27.12	0.000	-2.840229	-2.457341

Mean estimation Number of obs = 2,426

	Mean	Std. Err.	[95% Conf. Interval]	
c.notemp@major				
sociology	.0222029	.0127252	-.0027506	.0471563
other social sciences	.0398289	.0070629	.025979	.0536788
psychology	.0372364	.0103144	.0170104	.0574623
economics	.0113594	.005716	.0001506	.0225682
history and culture	.0523417	.0090212	.0346517	.0700316

Mean estimation Number of obs = 4,912

	Mean	Std. Err.	[95% Conf. Interval]	
c.notemp@major				
sociology	.0585054	.0160553	.0270299	.089981
other social sciences	.0396548	.0048894	.0300693	.0492402
psychology	.0446114	.0054428	.0339412	.0552817
economics	.0404745	.017377	.0064078	.0745411
history and culture	.0753076	.0080416	.0595424	.0910728

=> major==1

	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
notemp						
1.female	1.006733	.6554019	1.54	0.125	-.2778315	2.291297
_cons	-3.785081	.5868356	-6.45	0.000	-4.935258	-2.634905

=> major==2

	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
notemp						
1.female	-.0045629	.224933	-0.02	0.984	-.4454235	.4362977
_cons	-3.182519	.1846831	-17.23	0.000	-3.544491	-2.820547

=> major==3

	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
notemp						
1.female	.188393	.3147974	0.60	0.550	-.4285986	.8053845
_cons	-3.252521	.2877239	-11.30	0.000	-3.81645	-2.688593

=> major==4

	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
notemp						
1.female	1.300515	.6782623	1.92	0.055	-.0288544	2.629885
_cons	-4.466283	.5093856	-8.77	0.000	-5.46466	-3.467905

=> major==5

	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
notemp						
1.female	.388321	.2154566	1.80	0.071	-.0339661	.8106081
_cons	-2.896201	.1818825	-15.92	0.000	-3.252684	-2.539718

Is not employed (N = 7338)

	Overall	p-value	Male	Female	p-value
sociology	4.5		2.2	5.9	0.125
other soci-s	4.0	0.621	4.0	4.0	0.984
psychology	4.3	0.862	3.7	4.5	0.550
economics	2.1	0.060	1.1	4.0	0.055
history an-e	6.6	0.153	5.2	7.5	0.071

(output written to results.rtf)

```
. // tests of overall gender gap
. regress working i.female [pw=pw]
(sum of wgt is 17,222.3459450468)
```

```
Linear regression                Number of obs   =    7,338
                                F(1, 7336)      =    4.12
                                Prob > F              =    0.0424
                                R-squared              =    0.0006
                                Root MSE            =    .25374
```

working	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
1.female	-.0132601	.006533	-2.03	0.042	-.0260665	-.0004536
_cons	.9394368	.0051858	181.15	0.000	.9292711	.9496025

```
. logit working i.female [pw=pw]
```

```
Iteration 0: log pseudolikelihood = -4332.2211
Iteration 1: log pseudolikelihood = -4326.787
Iteration 2: log pseudolikelihood = -4326.773
Iteration 3: log pseudolikelihood = -4326.773
```

```
Logistic regression                Number of obs   =    7,338
                                Wald chi2(1)        =    3.85
                                Prob > chi2          =    0.0496
Log pseudolikelihood = -4326.773    Pseudo R2       =    0.0013
```

working	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	-.2122019	.1080882	-1.96	0.050	-.4240509	-.0003528
_cons	2.741593	.0911408	30.08	0.000	2.56296	2.920225

```
. regress unempl i.female [pw=pw]
(sum of wgt is 17,222.3459450468)
```

```
Linear regression                Number of obs   =    7,338
                                F(1, 7336)      =    0.06
                                Prob > F              =    0.8084
                                R-squared              =    0.0000
                                Root MSE            =    .15173
```

unempl	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
1.female	.0009935	.0040967	0.24	0.808	-.0070372	.0090243
_cons	.0229238	.0033068	6.93	0.000	.0164415	.029406

```
. logit unempl i.female [pw=pw]
```

```
Iteration 0: log pseudolikelihood = -1922.4713
Iteration 1: log pseudolikelihood = -1922.387
Iteration 2: log pseudolikelihood = -1922.387
```

```
Logistic regression                Number of obs   =    7,338
                                Wald chi2(1)        =    0.06
                                Prob > chi2          =    0.8096
Log pseudolikelihood = -1922.387    Pseudo R2       =    0.0000
```

Robust

unempl	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	.0434455	.1803407	0.24	0.810	-.3100158	.3969067
_cons	-3.752391	.1476254	-25.42	0.000	-4.041731	-3.46305

```
. regress notemp i.female [pw=pw]
(sum of wgt is 17,222.3459450468)
```

```
Linear regression                Number of obs   =    7,338
                                F(1, 7336)      =    5.49
                                Prob > F              =    0.0191
                                R-squared              =    0.0008
                                Root MSE           =    .20861
```

notemp	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
1.female	.0122665	.0052341	2.34	0.019	.0020062	.0225269
_cons	.0376395	.004104	9.17	0.000	.0295945	.0456844

```
. logit notemp i.female [pw=pw]
```

```
Iteration 0: log pseudolikelihood = -3193.3481
Iteration 1: log pseudolikelihood = -3186.4217
Iteration 2: log pseudolikelihood = -3186.3843
Iteration 3: log pseudolikelihood = -3186.3843
```

```
Logistic regression                Number of obs   =    7,338
                                Wald chi2(1)         =    4.96
                                Prob > chi2          =    0.0259
Log pseudolikelihood = -3186.3843   Pseudo R2       =    0.0022
```

notemp	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	.2949161	.1323941	2.23	0.026	.0354284	.5544038
_cons	-3.241336	.1132906	-28.61	0.000	-3.463382	-3.019291

```
. // reasons why not employed
. matrix res = J(3,4,.z)
. mat coln res = "Overall" "Male" "Female" "p-value"
. qui fre nereason, novalue
. mat rown res = `r(lab_valid)'
```

```
. proportion nereason [pw=pw]
Proportion estimation                Number of obs   =    329
```

	Proportion	Std. Err.	Logit [95% Conf. Interval]	
nereason				
household/kids	.3004302	.0264927	.2510118	.354967
in education	.3139313	.0268626	.2636349	.3690146
other	.3856385	.027757	.3326648	.4414673

```
. local N = e(N)
. mat res[1,1] = e(b)' * 100
. proportion nereason [pw=pw] if female==0
```

```
Proportion estimation                Number of obs   =    88
```

	Proportion	Std. Err.	Logit [95% Conf. Interval]	
nereason				
household/kids	.0484138	.0304925	.0134678	.1593868
in education	.4649199	.0556457	.357749	.575431

other	.4866663	.0558837	.3780194	.5965881
-------	----------	----------	----------	----------

```
. mat res[1,2] = e(b)' * 100
. proportion nereason [pw=pw] if female==1
Proportion estimation          Number of obs   =          241
```

	Proportion	Std. Err.	Logit	
			[95% Conf. Interval]	
nereason				
household/kids	.4024124	.0329345	.3395701	.4686323
in education	.2528315	.0296439	.1989789	.3155181
other	.3447561	.0313485	.285868	.4088302

```
. mat res[1,3] = e(b)' * 100
. forv i=1/3 {
2.   di _n as res "=> nereason==`i'"
3.   qui gen byte tmpv = (nereason==`i') if nereason<.
4.   logit tmpv i.female [pw=pw], noheader nolog
5.   qui test 1.female
6.   mat res[`i',4] = r(p)
7.   drop tmpv
8. }
```

=> nereason==1

tmpv	Coef.	Robust	z	P> z	[95% Conf. Interval]	
		Std. Err.				
1.female	2.582922	.6731687	3.84	0.000	1.263536	3.902308
_cons	-2.978345	.6591057	-4.52	0.000	-4.270169	-1.686522

=> nereason==2

tmpv	Coef.	Robust	z	P> z	[95% Conf. Interval]	
		Std. Err.				
1.female	-.9430161	.2724224	-3.46	0.001	-1.476954	-.409078
_cons	-.1405513	.2227482	-0.63	0.528	-.5771297	.2960271

=> nereason==3

tmpv	Coef.	Robust	z	P> z	[95% Conf. Interval]	
		Std. Err.				
1.female	-.5888231	.2624071	-2.24	0.025	-1.103132	-.0745145
_cons	-.0533474	.2227582	-0.24	0.811	-.4899455	.3832506

```
. esttab matrix(res, fmt(1 1 1 3)), title("`": var lab nereason' (N = `N')") nomti
Reason why not employed (N = 329)
```

	Overall	Male	Female	p-value
household/~s	30.0	4.8	40.2	0.000
in education	31.4	46.5	25.3	0.001
other	38.6	48.7	34.5	0.025

```
. esttab matrix(res, fmt(1 1 1 3)) using results.rtf, append ///
> nomti title("`": var lab nereason': (N = `N')") varwidth(20) modelw(8)
(output written to results.rtf)
```

3.5 Economic sectors and types of occupations

```
. // sectors
. gen byte _public = sector==1 if sector<.
(575 missing values generated)
. gen byte _NGO = sector==2 if sector<.
(575 missing values generated)
. gen byte _profit = sector==3 if sector<.
(575 missing values generated)
. lab var _NGO "Sector: NGO"
. lab var _public "Sector: public"
. lab var _profit "Sector: for profit"
. resultstbl _public _NGO _profit
```

==> Sector: public

Mean estimation Number of obs = 6,766

	Mean	Std. Err.	[95% Conf. Interval]	
c._public@major				
sociology	.5257169	.0277528	.4713126	.5801211
other social sciences	.5004122	.0104864	.4798555	.5209689
psychology	.6316448	.011414	.6092697	.6540199
economics	.4147756	.0235418	.3686262	.4609249
history and culture	.6173607	.0121711	.5935016	.6412199

=> inlist(major,1,2)

_public	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	.1013096	.1189597	0.85	0.394	-.1318471	.3344663
_cons	.0016488	.0419502	0.04	0.969	-.080572	.0838696

=> inlist(major,1,2)

_public	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	-.4363209	.1216556	-3.59	0.000	-.6747616	-.1978803
_cons	.5392793	.0490644	10.99	0.000	.4431149	.6354438

=> inlist(major,1,2)

_public	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	.4472162	.1477118	3.03	0.002	.1577065	.736726
_cons	-.3442578	.0970377	-3.55	0.000	-.5344482	-.1540675

=> inlist(major,1,2)

_public	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	-.3754024	.122674	-3.06	0.002	-.615839	-.1349657
_cons	.4783608	.0515321	9.28	0.000	.3773598	.5793618

Mean estimation Number of obs = 2,262

	Mean	Std. Err.	[95% Conf. Interval]	
c._public@major				
sociology	.5449959	.0458633	.4550574	.6349345
other social sciences	.4889022	.0178614	.4538757	.5239287
psychology	.5657585	.0277555	.5113296	.6201875
economics	.4053685	.0285819	.3493189	.4614181
history and culture	.6057159	.0195921	.5672956	.6441362

Mean estimation Number of obs = 4,504

	Mean	Std. Err.	[95% Conf. Interval]	
c._public@major				
sociology	.5144827	.0348203	.4462178	.5827477
other social sciences	.506831	.0129464	.4814496	.5322123
psychology	.646478	.0124782	.6220146	.6709413
economics	.4351939	.0414482	.3539351	.5164527
history and culture	.6255403	.0154855	.5951811	.6558995

=> major==1

_public	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	-.1225249	.2319048	-0.53	0.597	-.5770499	.3320002
_cons	.180472	.1851867	0.97	0.330	-.1824872	.5434312

=> major==2

_public	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	.0717241	.0882757	0.81	0.417	-.1012931	.2447413
_cons	-.0443985	.0714796	-0.62	0.535	-.184496	.095699

=> major==3

_public	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	.3390268	.1254862	2.70	0.007	.0930784	.5849752
_cons	.2645667	.1129816	2.34	0.019	.0431268	.4860065

=> major==4

_public	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	.1224546	.2063296	0.59	0.553	-.281944	.5268532
_cons	-.3831454	.1186742	-3.23	0.001	-.6157425	-.1505483

=> major==5

_public	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	.0837922	.1053712	0.80	0.426	-.1227315	.2903159
_cons	.4293394	.0820421	5.23	0.000	.2685397	.590139

Sector: public (N = 6766)

	Overall	p-value	Male	Female	p-value
sociology	52.6		54.5	51.4	0.597
other soci-s	50.0	0.394	48.9	50.7	0.417

psychology	63.2	0.000	56.6	64.6	0.007
economics	41.5	0.002	40.5	43.5	0.553
history an-e	61.7	0.002	60.6	62.6	0.426

(output written to results.rtf)

==> Sector: NGO

Mean estimation Number of obs = 6,766

	Mean	Std. Err.	[95% Conf. Interval]	
c._NGO@major				
sociology	.1543512	.020303	.1145509	.1941515
other social sciences	.168958	.0080184	.1532395	.1846765
psychology	.1172533	.0077533	.1020545	.1324521
economics	.0585166	.0114265	.0361171	.0809161
history and culture	.1468229	.0087979	.1295761	.1640696

=> inlist(major,1,2)

_NGO	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	-.1078437	.1657158	-0.65	0.515	-.4326408	.2169533
_cons	-1.59303	.0571123	-27.89	0.000	-1.704968	-1.481092

=> inlist(major,1,2)

_NGO	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	.3178279	.1726703	1.84	0.066	-.0205998	.6562555
_cons	-2.018702	.0749186	-26.95	0.000	-2.165539	-1.871864

=> inlist(major,1,2)

_NGO	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	1.077272	.2593938	4.15	0.000	.5688697	1.585675
_cons	-2.778146	.2075187	-13.39	0.000	-3.184875	-2.371417

=> inlist(major,1,2)

_NGO	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	.0588669	.1706984	0.34	0.730	-.2756959	.3934297
_cons	-1.75974	.0702466	-25.05	0.000	-1.897421	-1.62206

Mean estimation Number of obs = 2,262

	Mean	Std. Err.	[95% Conf. Interval]	
c._NGO@major				
sociology	.1240361	.0303568	.0645059	.1835663
other social sciences	.1404208	.0129438	.1150377	.1658038
psychology	.1210647	.0188661	.0840681	.1580613
economics	.0535095	.0136555	.0267308	.0802881
history and culture	.1190176	.0130438	.0934385	.1445968

Mean estimation Number of obs = 4,504

	Mean	Std. Err.	[95% Conf. Interval]	
c._NGO@major sociology	.1720162	.0267266	.1196189	.2244135
other social sciences	.1848724	.0101793	.1649159	.2048289
psychology	.1163952	.0084963	.0997383	.1330522
economics	.0693848	.0208368	.0285345	.1102351
history and culture	.1663539	.0118166	.1431875	.1895203

=> major==1

_NGO	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	.383347	.3370057	1.14	0.255	-.277172	1.043866
_cons	-1.954752	.2797534	-6.99	0.000	-2.503059	-1.406445

=> major==2

_NGO	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	.3281206	.1267408	2.59	0.010	.0797133	.576528
_cons	-1.8118	.1072355	-16.90	0.000	-2.021977	-1.601622

=> major==3

_NGO	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	-.0446326	.1956136	-0.23	0.820	-.4280282	.338763
_cons	-1.982386	.1773076	-11.18	0.000	-2.329902	-1.634869

=> major==4

_NGO	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	.2767248	.4208925	0.66	0.511	-.5482094	1.101659
_cons	-2.872903	.2698512	-10.65	0.000	-3.401801	-2.344004

=> major==5

_NGO	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	.390074	.1508027	2.59	0.010	.0945062	.6856418
_cons	-2.001766	.1244119	-16.09	0.000	-2.245609	-1.757923

Sector: NGO (N = 6766)

	Overall	p-value	Male	Female	p-value
sociology	15.4		12.4	17.2	0.255
other soci-s	16.9	0.515	14.0	18.5	0.010
psychology	11.7	0.066	12.1	11.6	0.820
economics	5.9	0.000	5.4	6.9	0.511
history and e	14.7	0.730	11.9	16.6	0.010

(output written to results.rtf)

==> Sector: for profit

Mean estimation Number of obs = 6,766

	Mean	Std. Err.	[95% Conf. Interval]
--	------	-----------	----------------------

	c._profit@major	sociology	other social sciences	psychology	economics	history and culture
	.3199319	.0257962	.2693633	.3705005		
	.3306298	.0098936	.3112352	.3500243		
	.2511019	.0101632	.2311788	.2710251		
	.5267078	.0239941	.4796719	.5737437		
	.2358164	.0106671	.2149056	.2567272		

=> inlist(major,1,2)

_profit	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	-.0487466	.1267232	-0.38	0.700	-.2971196	.1996264
_cons	-.7053381	.0447087	-15.78	0.000	-.7929654	-.6177107

=> inlist(major,1,2)

_profit	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	.3386593	.1303192	2.60	0.009	.0832385	.5940801
_cons	-1.092744	.0540538	-20.22	0.000	-1.198688	-.9868004

=> inlist(major,1,2)

_profit	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	-.8610177	.1527959	-5.64	0.000	-1.160492	-.5615433
_cons	.106933	.0963033	1.11	0.267	-.081818	.2956841

=> inlist(major,1,2)

_profit	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	.4216698	.1325407	3.18	0.001	.1618948	.6814447
_cons	-1.175754	.0592039	-19.86	0.000	-1.291792	-1.059717

Mean estimation Number of obs = 2,262

	Mean	Std. Err.	[95% Conf. Interval]	
c._profit@major				
sociology	.3309679	.0431184	.2464121	.4155237
other social sciences	.370677	.0172005	.3369466	.4044074
psychology	.3131767	.0256683	.2628408	.3635126
economics	.541122	.0291831	.4838937	.5983504
history and culture	.2752664	.0178826	.2401983	.3103345

Mean estimation Number of obs = 4,504

	Mean	Std. Err.	[95% Conf. Interval]	
c._profit@major				
sociology	.3135011	.0321806	.2504112	.376591
other social sciences	.3082966	.0120421	.2846882	.331905
psychology	.2371268	.0110024	.2155567	.2586968
economics	.4954213	.0420389	.4130045	.5778381
history and culture	.2081058	.0130465	.1825283	.2336833

=> major==1

	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	-.0799913	.2458371	-0.33	0.745	-.5618232	.4018405
_cons	-.7038104	.1949768	-3.61	0.000	-1.085958	-.3216629

=> major==2

	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	-.2787813	.0928763	-3.00	0.003	-.4608156	-.096747
_cons	-.5293135	.0737335	-7.18	0.000	-.6738284	-.3847985

=> major==3

	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	-.3831876	.1339487	-2.86	0.004	-.6457222	-.1206529
_cons	-.7853095	.1193394	-6.58	0.000	-1.01921	-.5514085

=> major==4

	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	-.183176	.2053539	-0.89	0.372	-.5856622	.2193102
_cons	.1648606	.1176253	1.40	0.161	-.0656808	.395402

=> major==5

	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	-.3683165	.119609	-3.08	0.002	-.6027459	-.1338871
_cons	-.9680646	.0896469	-10.80	0.000	-1.143769	-.7923599

Sector: for profit (N = 6766)

	Overall	p-value	Male	Female	p-value
sociology	32.0		33.1	31.4	0.745
other soci-s	33.1	0.700	37.1	30.8	0.003
psychology	25.1	0.009	31.3	23.7	0.004
economics	52.7	0.000	54.1	49.5	0.372
history an-e	23.6	0.001	27.5	20.8	0.002

(output written to results.rtf)

```
. drop _public_NGO _profit
. // occupations
. gen ISCO = isco-10000
(809 missing values generated)
. drop isco
. iscolbl isco08 ISCO
variable name          label name
-----
ISCO                   ISCO
. iscogen isco = major(ISCO)
variable name:         isco
variable label:        Recode of ISCO: isco08 to major
```



```

storage type:      byte
matched observations: 6532
unmatched observations: 0
missing observations: 809

```

```
. fre isco
```

```
isco — Recode of ISCO: isco08 to major
```

		Freq.	Percent	Valid	Cum.
Valid	0 Armed forces occupations	5	0.07	0.08	0.08
	1 Managers	965	13.15	14.77	14.85
	2 Professionals	4605	62.73	70.50	85.35
	3 Technicians and associate professionals	636	8.66	9.74	95.09
	4 Clerical support workers	140	1.91	2.14	97.23
	5 Services and sales workers	141	1.92	2.16	99.39
	6 Skilled agricultural, forestry and fishery workers	3	0.04	0.05	99.43
	7 Craft and related trades workers	9	0.12	0.14	99.57
	8 Plant and machine operators and assemblers	2	0.03	0.03	99.60
	9 Elementary occupations	26	0.35	0.40	100.00
	Total	6532	88.98	100.00	
Missing	.	809	11.02		
Total		7341	100.00		

```

. gen byte _isco1 = isco==1 if isco<.
(809 missing values generated)
. gen byte _isco2 = isco==2 if isco<.
(809 missing values generated)
. gen byte _isco3 = isco==3 if isco<.
(809 missing values generated)
. gen byte _isco4 = inlist(isco,0,4,5,6,7,8,9) if isco<.
(809 missing values generated)
. lab var _isco1 "Managers"
. lab var _isco2 "Professionals"
. lab var _isco3 "Technicians and associate professionals"
. lab var _isco4 "Other occupations"
. resultstbl _isco1 _isco2 _isco3 _isco4

```

```
==> Managers
```

```
Mean estimation                Number of obs =      6,532
```

	Mean	Std. Err.	[95% Conf. Interval]	
c._isco1@major				
sociology	.1690103	.0208908	.1280575	.209963
other social sciences	.1988674	.008483	.1822379	.2154969
psychology	.0749191	.0063175	.0625347	.0873035
economics	.1533935	.0178868	.1183296	.1884575
history and culture	.145439	.0089989	.1277982	.1630798

```
=> inlist(major,1,2)
```

_isco1	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	-.1992699	.1580061	-1.26	0.207	-.5089562	.1104163
_cons	-1.393388	.0532512	-26.17	0.000	-1.497759	-1.289018

```
=> inlist(major,1,2)
```

_isco1	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
--------	-------	------------------	---	------	----------------------	--

	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]
major	.9208146	.1744825	5.28	0.000	.5788352 1.262794
sociology					
_cons	-2.513473	.0911681	-27.57	0.000	-2.692159 -2.334786

=> inlist(major,1,2)

	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]
major	.1155714	.2028363	0.57	0.569	-.2819803 .5131232
sociology					
_cons	-1.708229	.1378123	-12.40	0.000	-1.978337 -1.438122

=> inlist(major,1,2)

	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]
major	.1781731	.1654631	1.08	0.282	-.1461287 .5024749
sociology					
_cons	-1.770831	.0724181	-24.45	0.000	-1.912768 -1.628894

Mean estimation Number of obs = 2,183

	Mean	Std. Err.	[95% Conf. Interval]
c._isco1@major			
sociology	.1939057	.0369087	.1215258 .2662856
other social sciences	.19952	.0143157	.1714461 .2275939
psychology	.1088746	.0182366	.0731117 .1446374
economics	.1409469	.0210056	.0997538 .18214
history and culture	.1547293	.014564	.1261686 .1832901

Mean estimation Number of obs = 4,349

	Mean	Std. Err.	[95% Conf. Interval]
c._isco1@major			
sociology	.1548249	.0251124	.1055919 .2040579
other social sciences	.1985023	.0105305	.1778571 .2191474
psychology	.0674289	.0065569	.0545739 .0802838
economics	.1806328	.0336276	.1147055 .24656
history and culture	.1388578	.0113989	.1165101 .1612056

=> major==1

	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]
1.female	-.2724202	.3046982	-0.89	0.371	-.8696177 .3247772
_cons	-1.424829	.2364428	-6.03	0.000	-1.888248 -.9614094

=> major==2

	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]
1.female	-.0063846	.1114263	-0.06	0.954	-.2247762 .212007
_cons	-1.389297	.0896332	-15.50	0.000	-1.564975 -1.213619

=> major==3

	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]
_isco1					

1.female	-.5245836	.2149675	-2.44	0.015	-.9459122	-.1032551
_cons	-2.102289	.1879748	-11.18	0.000	-2.470713	-1.733865

=> major==4

_isco1	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	.2953814	.2861326	1.03	0.302	-.2654283	.856191
_cons	-1.807448	.1736333	-10.41	0.000	-2.147763	-1.467133

=> major==5

_isco1	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	-.1268293	.1466059	-0.87	0.387	-.4141716	.1605129
_cons	-1.69798	.1113653	-15.25	0.000	-1.916252	-1.479708

Managers (N = 6532)

	Overall	p-value	Male	Female	p-value
sociology	16.9		19.4	15.5	0.371
other soci-s	19.9	0.207	20.0	19.9	0.954
psychology	7.5	0.000	10.9	6.7	0.015
economics	15.3	0.569	14.1	18.1	0.302
history an-e	14.5	0.282	15.5	13.9	0.387

(output written to results.rtf)

==> Professionals

Mean estimation Number of obs = 6,532

	Mean	Std. Err.	[95% Conf. Interval]	
c._isco2@major				
sociology	.6386565	.0272685	.5852014	.6921117
other social sciences	.6317496	.0102991	.6115601	.6519391
psychology	.8171826	.0095404	.7984804	.8358848
economics	.6451659	.0234315	.5992325	.6910993
history and culture	.701952	.0117034	.6790095	.7248945

=> inlist(major,1,2)

_isco2	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	.029808	.1261952	0.24	0.813	-.2175301	.2771461
_cons	.53973	.0442748	12.19	0.000	.452953	.6265069

=> inlist(major,1,2)

_isco2	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	-.9278368	.1343347	-6.91	0.000	-1.191128	-.6645456
_cons	1.497375	.0638701	23.44	0.000	1.372192	1.622558

=> inlist(major,1,2)

_isco2	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	-.9278368	.1343347	-6.91	0.000	-1.191128	-.6645456
_cons	1.497375	.0638701	23.44	0.000	1.372192	1.622558

major						
sociology	-.0283193	.1564153	-0.18	0.856	-.3348876	.278249
_cons	.5978572	.1024113	5.84	0.000	.3971348	.7985796

=> inlist(major,1,2)

_isco2	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	-.2870725	.1307576	-2.20	0.028	-.5433526	-.0307924
_cons	.8566104	.0559499	15.31	0.000	.7469506	.9662702

Mean estimation Number of obs = 2,183

	Mean	Std. Err.	[95% Conf. Interval]	
c._isco2@major				
sociology	.6803448	.0445443	.592991	.7676986
other social sciences	.6107726	.0176682	.5761243	.6454209
psychology	.8071949	.0227613	.7625587	.8518311
economics	.6521156	.0282638	.5966889	.7075423
history and culture	.7126399	.0184604	.676438	.7488418

Mean estimation Number of obs = 4,349

	Mean	Std. Err.	[95% Conf. Interval]	
c._isco2@major				
sociology	.6149026	.0343962	.5474685	.6823368
other social sciences	.6434871	.0126558	.6186752	.6682989
psychology	.8193858	.0105085	.7987837	.8399879
economics	.6299567	.0418355	.5479378	.7119755
history and culture	.6943807	.0151207	.6647365	.724025

=> major==1

_isco2	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	-.2873891	.2514439	-1.14	0.253	-.78021	.2054318
_cons	.7553568	.2050952	3.68	0.000	.3533776	1.157336

=> major==2

_isco2	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	.1399704	.0925596	1.51	0.130	-.041443	.3213838
_cons	.450561	.0743193	6.06	0.000	.3048978	.5962242

=> major==3

_isco2	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	.0803068	.1625896	0.49	0.621	-.238363	.3989765
_cons	1.431885	.146259	9.79	0.000	1.145222	1.718547

=> major==4

_isco2	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	-.0963206	.2186758	-0.44	0.660	-.5249174	.3322762

_cons	.6283515	.1246934	5.04	0.000	.383957	.872746
-------	----------	----------	------	-------	---------	---------

=> major==5

_isco2	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	-.0875598	.1149195	-0.76	0.446	-.3127979	.1376782
_cons	.9082401	.0901537	10.07	0.000	.7315422	1.084938

Professionals (N = 6532)

	Overall	p-value	Male	Female	p-value
sociology	63.9		68.0	61.5	0.253
other soci-s	63.2	0.813	61.1	64.3	0.130
psychology	81.7	0.000	80.7	81.9	0.621
economics	64.5	0.856	65.2	63.0	0.660
history and e	70.2	0.028	71.3	69.4	0.446

(output written to results.rtf)

==> Technicians and associate professionals

Mean estimation Number of obs = 6,532

	Mean	Std. Err.	[95% Conf. Interval]	
c._isco3@major				
sociology	.1289122	.0190804	.0915083	.166316
other social sciences	.1155887	.0068741	.1021132	.1290641
psychology	.0664078	.0060942	.0544611	.0783544
economics	.1699028	.0182502	.1341264	.2056792
history and culture	.0815879	.0068484	.0681628	.095013

=> inlist(major,1,2)

_isco3	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	.1242729	.1827567	0.68	0.497	-.2339236	.4824693
_cons	-2.034885	.06725	-30.26	0.000	-2.166692	-1.903077

=> inlist(major,1,2)

_isco3	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	.732614	.1963308	3.73	0.000	.3478127	1.117415
_cons	-2.643226	.0983128	-26.89	0.000	-2.835915	-2.450536

=> inlist(major,1,2)

_isco3	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	-.3242952	.2136987	-1.52	0.129	-.7431371	.0945466
_cons	-1.586316	.129474	-12.25	0.000	-1.840081	-1.332552

=> inlist(major,1,2)

_isco3	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology						
_cons						

major sociology	.5103537	.1929721	2.64	0.008	.1321354	.888572
_cons	-2.420965	.0914129	-26.48	0.000	-2.600131	-2.241799

Mean estimation Number of obs = 2,183

	Mean	Std. Err.	[95% Conf. Interval]	
c._isco3@major sociology	.0834581	.0272573	.0300052	.136911
other social sciences	.123173	.0119928	.0996545	.1466915
psychology	.0487137	.0120618	.0250598	.0723676
economics	.1762386	.0222419	.1326211	.219856
history and culture	.0666462	.0098097	.0474088	.0858836

Mean estimation Number of obs = 4,349

	Mean	Std. Err.	[95% Conf. Interval]	
c._isco3@major sociology	.1548118	.0254767	.1048646	.2047591
other social sciences	.1113449	.0083597	.0949556	.1277343
psychology	.0703109	.0069399	.0567051	.0839167
economics	.156037	.0319236	.0934504	.2186236
history and culture	.0921725	.0093929	.0737575	.1105874

=> major==1

_isco3	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	.6989148	.4066115	1.72	0.086	-.098029	1.495859
_cons	-2.396263	.3568087	-6.72	0.000	-3.095596	-1.696931

=> major==2

_isco3	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	-.1143565	.1395331	-0.82	0.412	-.3878364	.1591235
_cons	-1.96272	.111041	-17.68	0.000	-2.180356	-1.745084

=> major==3

_isco3	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	.3899316	.2811244	1.39	0.165	-.161062	.9409252
_cons	-2.971855	.260299	-11.42	0.000	-3.482031	-2.461678

=> major==4

_isco3	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	-.1459731	.2870396	-0.51	0.611	-.7085604	.4166141
_cons	-1.542042	.1533352	-10.06	0.000	-1.842574	-1.241511

=> major==5

_isco3	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	.3519936	.193597	1.82	0.069	-.0274496	.7314368
_cons	-2.639386	.1577151	-16.74	0.000	-2.948502	-2.33027

Technicians and associate professionals (N = 6532)

	Overall	p-value	Male	Female	p-value
sociology	12.9		8.3	15.5	0.086
other soci-s	11.6	0.497	12.3	11.1	0.412
psychology	6.6	0.000	4.9	7.0	0.165
economics	17.0	0.129	17.6	15.6	0.611
history an-e	8.2	0.008	6.7	9.2	0.069

(output written to results.rtf)

==> Other occupations

Mean estimation Number of obs = 6,532

	Mean	Std. Err.	[95% Conf. Interval]	
c._isco4@major				
sociology	.063421	.0146814	.0346408	.0922013
other social sciences	.0537943	.0049908	.0440108	.0635779
psychology	.0414905	.0053201	.0310615	.0519196
economics	.0315378	.0085777	.0147226	.048353
history and culture	.0710211	.0067576	.057774	.0842682

=> inlist(major,1,2)

_isco4	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	.1748537	.2659324	0.66	0.511	-.3463642	.6960715
_cons	-2.867292	.09806	-29.24	0.000	-3.059486	-2.675098

=> inlist(major,1,2)

_isco4	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	.4474772	.28109	1.59	0.111	-.1034491	.9984034
_cons	-3.139914	.1337955	-23.47	0.000	-3.402148	-2.87768

=> inlist(major,1,2)

_isco4	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	.7320849	.3743256	1.96	0.050	-.0015798	1.46575
_cons	-3.424523	.2809981	-12.19	0.000	-3.975269	-2.873777

=> inlist(major,1,2)

_isco4	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	-.1213295	.2675971	-0.45	0.650	-.6458101	.4031511
_cons	-2.571109	.1024425	-25.10	0.000	-2.771892	-2.370325

Mean estimation Number of obs = 2,183

	Mean	Std. Err.	[95% Conf. Interval]	
c._isco4@major				

sociology	.0422914	.0211515	.0008123	.0837706
other social sciences	.0665344	.0093077	.0482815	.0847872
psychology	.0352168	.0105195	.0145875	.0558461
economics	.030699	.0103737	.0103555	.0510424
history and culture	.0659846	.0107793	.0448459	.0871233

Mean estimation Number of obs = 4,349

	Mean	Std. Err.	[95% Conf. Interval]	
c._isico4@major				
sociology	.0754606	.0196011	.0370325	.1138888
other social sciences	.0466657	.0057759	.0353421	.0579894
psychology	.0428745	.0060625	.0309888	.0547601
economics	.0333735	.0152573	.0034614	.0632856
history and culture	.074589	.0086621	.0576068	.0915711

=> major==1

_isico4	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	.6142744	.5938002	1.03	0.301	-.5495526	1.778101
_cons	-3.119959	.5229119	-5.97	0.000	-4.144847	-2.09507

=> major==2

_isico4	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	-.3757698	.1982857	-1.90	0.058	-.7644027	.0128631
_cons	-2.641185	.149861	-17.62	0.000	-2.934908	-2.347463

=> major==3

_isico4	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	.2047212	.3430759	0.60	0.551	-.4676952	.8771377
_cons	-3.310379	.3096256	-10.69	0.000	-3.917234	-2.703524

=> major==4

_isico4	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	.0862977	.5881027	0.15	0.883	-1.066362	1.238958
_cons	-3.452347	.3489204	-9.89	0.000	-4.136218	-2.768475

=> major==5

_isico4	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	.1318264	.2152907	0.61	0.540	-.2901356	.5537884
_cons	-2.650072	.1749162	-15.15	0.000	-2.992901	-2.307242

Other occupations (N = 6532)

	Overall	p-value	Male	Female	p-value
sociology	6.3		4.2	7.5	0.301
other soci-s	5.4	0.511	6.7	4.7	0.058
psychology	4.1	0.111	3.5	4.3	0.551
economics	3.2	0.050	3.1	3.3	0.883
history an-e	7.1	0.650	6.6	7.5	0.540


```
(output written to results.rtf)
. drop _isco1 _isco2 _isco3 _isco4
```

3.6 Part-time and temporal work

```
. resultstbl parttime lowpt tempemp
```

```
==> Works part time
```

```
Mean estimation                Number of obs   =      6,825
```

	Mean	Std. Err.	[95% Conf. Interval]	
c.parttime@major				
sociology	.5442778	.0276174	.490139	.5984166
other social sciences	.4081974	.0101765	.3882482	.4281465
psychology	.646727	.0113651	.6244478	.6690062
economics	.2383561	.0202879	.1985856	.2781267
history and culture	.6134762	.0121738	.5896118	.6373406

```
=> inlist(major,1,2)
```

parttime	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	.5489987	.1190582	4.61	0.000	.3156489	.7823485
_cons	-.3714223	.0421306	-8.82	0.000	-.4539968	-.2888479

```
=> inlist(major,1,2)
```

parttime	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	-.4271067	.1219685	-3.50	0.000	-.6661606	-.1880528
_cons	.6046831	.049752	12.15	0.000	.507171	.7021952

```
=> inlist(major,1,2)
```

parttime	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	1.33929	.1578378	8.49	0.000	1.029933	1.648646
_cons	-1.161713	.111813	-10.39	0.000	-1.380863	-.9425637

```
=> inlist(major,1,2)
```

parttime	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	-.2843718	.1226306	-2.32	0.020	-.5247232	-.0440203
_cons	.4619482	.0513484	9.00	0.000	.3613071	.5625892

```
Mean estimation                Number of obs   =      2,277
```

	Mean	Std. Err.	[95% Conf. Interval]	
c.parttime@major				
sociology	.5265065	.0460825	.4361384	.6168746
other social sciences	.3021951	.0161306	.2705629	.3338274
psychology	.482596	.0280628	.4275646	.5376274

economics	.2053822	.0237329	.1588418	.2519226
history and culture	.5327992	.0198822	.49381	.5717884

Mean estimation Number of obs = 4,548

	Mean	Std. Err.	[95% Conf. Interval]	
c.parttime@major				
sociology	.5545457	.0344768	.4869545	.622137
other social sciences	.4672812	.0128216	.4421446	.4924178
psychology	.6832752	.0121992	.6593589	.7071915
economics	.3089311	.0380206	.2343923	.3834698
history and culture	.6698313	.0150791	.6402689	.6993936

=> major==1

parttime	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	.1129292	.2319244	0.49	0.626	-.3416343	.5674927
_cons	.1061255	.1850837	0.57	0.566	-.2566318	.4688829

=> major==2

parttime	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	.7058039	.0922208	7.65	0.000	.5250545	.8865533
_cons	-.8368665	.0764931	-10.94	0.000	-.9867903	-.6869427

=> major==3

parttime	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	.8385087	.125741	6.67	0.000	.5920607	1.084957
_cons	-.0696442	.1123929	-0.62	0.535	-.2899303	.1506419

=> major==4

parttime	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	.5478675	.230124	2.38	0.017	.0968327	.9989023
_cons	-1.352989	.1455417	-9.30	0.000	-1.638245	-1.067732

=> major==5

parttime	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	.5760367	.1050298	5.48	0.000	.370182	.7818914
_cons	.1313854	.0798789	1.64	0.100	-.0251744	.2879451

Works part time (N = 6825)

	Overall	p-value	Male	Female	p-value
sociology	54.4		52.7	55.5	0.626
other soci-s	40.8	0.000	30.2	46.7	0.000
psychology	64.7	0.000	48.3	68.3	0.000
economics	23.8	0.000	20.5	30.9	0.017
history an-e	61.3	0.020	53.3	67.0	0.000

(output written to results.rtf)

==> Works low part time

Mean estimation Number of obs = 6,825

	Mean	Std. Err.	[95% Conf. Interval]	
c.lowpt@major				
sociology	.0750975	.0140307	.0475931	.102602
other social sciences	.0478479	.004241	.0395342	.0561616
psychology	.0786344	.0062161	.066449	.0908199
economics	.0248697	.0089198	.0073842	.0423552
history and culture	.1074096	.0077404	.0922361	.1225832

=> inlist(major,1,2)

lowpt	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	.4797973	.2224433	2.16	0.031	.0438164	.9157781
_cons	-2.990698	.0930989	-32.12	0.000	-3.173168	-2.808227

=> inlist(major,1,2)

lowpt	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	-.0498533	.2195013	-0.23	0.820	-.480068	.3803614
_cons	-2.461047	.0858098	-28.68	0.000	-2.629231	-2.292863

=> inlist(major,1,2)

lowpt	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	1.158021	.419854	2.76	0.006	.335122	1.980919
_cons	-3.668921	.3680059	-9.97	0.000	-4.3902	-2.947643

=> inlist(major,1,2)

lowpt	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	-.3934228	.2175772	-1.81	0.071	-.8198662	.0330207
_cons	-2.117478	.0807499	-26.22	0.000	-2.275745	-1.959211

Mean estimation Number of obs = 2,277

	Mean	Std. Err.	[95% Conf. Interval]	
c.lowpt@major				
sociology	.0578454	.0213533	.0159713	.0997194
other social sciences	.0236475	.0052099	.0134309	.0338641
psychology	.0348154	.0105676	.0140924	.0555385
economics	.0268717	.0118178	.0036968	.0500465
history and culture	.0877561	.0117456	.064723	.1107893

Mean estimation Number of obs = 4,548

	Mean	Std. Err.	[95% Conf. Interval]	
c.lowpt@major				
sociology	.0850655	.0183676	.0490561	.1210749

1.female	.1256177	.2674141	0.47	0.639	-.3985042	.6497397
_cons	-1.111193	.2167884	-5.13	0.000	-1.536091	-.6862958

=> major==2

tempemp	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	-.2197655	.1082897	-2.03	0.042	-.4320094	-.0075215
_cons	-1.194089	.0858409	-13.91	0.000	-1.362334	-1.025844

=> major==3

tempemp	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	.0374596	.1487232	0.25	0.801	-.2540325	.3289517
_cons	-1.231881	.1348828	-9.13	0.000	-1.496246	-.9675156

=> major==4

tempemp	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	.3084778	.2450637	1.26	0.208	-.1718382	.7887939
_cons	-1.46689	.1525556	-9.62	0.000	-1.765893	-1.167886

=> major==5

tempemp	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	.2305609	.1112635	2.07	0.038	.0124884	.4486335
_cons	-.9068567	.0884452	-10.25	0.000	-1.080206	-.7335073

Has temporary contract (N = 6831)

	Overall	p-value	Male	Female	p-value
sociology	26.3		24.8	27.2	0.639
other soci~s	20.9	0.028	23.3	19.6	0.042
psychology	23.1	0.220	22.6	23.2	0.801
economics	20.4	0.057	18.7	23.9	0.208
history an~e	31.7	0.057	28.8	33.7	0.038

(output written to results.rtf)

3.7 Leadership responsibility and occupational position

```
. gen byte _lead = inlist(position,2,3,4) if position<. & position!=5
(766 missing values generated)
. lab var _lead "Has (some) managerial responsibility (among all employees)"
. gen byte _pos1 = position==1 if position<.
(549 missing values generated)
. gen byte _pos2 = position==2 if position<.
(549 missing values generated)
. gen byte _pos3 = position==3 if position<.
(549 missing values generated)
. gen byte _pos4 = position==4 if position<.
(549 missing values generated)
. gen byte _pos5 = position==5 if position<.
(549 missing values generated)
```

```

. gen byte _pos6 = position==6 if position<.
(549 missing values generated)
. gen byte _pos7 = position==7 if position<.
(549 missing values generated)
. lab var _pos1 "Occupational position: employee"
. lab var _pos2 "Occupational position: lower management"
. lab var _pos3 "Occupational position: middle management"
. lab var _pos4 "Occupational position: upper management"
. lab var _pos5 "Occupational position: self-employed"
. lab var _pos6 "Occupational position: assistant"
. lab var _pos7 "Occupational position: trainee"
. resultstbl _lead budget _pos1 _pos2 _pos3 _pos4 _pos5 _pos6 _pos7
==> Has (some) managerial responsibility (among all employees)
Mean estimation                                Number of obs   =      6,575

```

	Mean	Std. Err.	[95% Conf. Interval]	
c._lead@major				
sociology	.3791009	.0272536	.3256751	.4325268
other social sciences	.3676397	.0102876	.3474727	.3878067
psychology	.2118524	.009751	.1927373	.2309675
economics	.3979474	.0236018	.3516803	.4442145
history and culture	.3028963	.0116552	.2800483	.3257443

```
==> inlist(major,1,2)
```

_lead	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	.0489899	.1239653	0.40	0.693	-.1939776	.2919575
_cons	-.5423559	.0442561	-12.25	0.000	-.6290963	-.4556156

```
==> inlist(major,1,2)
```

_lead	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	.8204297	.1296983	6.33	0.000	.5662256	1.074634
_cons	-1.313796	.0584086	-22.49	0.000	-1.428274	-1.199317

```
==> inlist(major,1,2)
```

_lead	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	-.079341	.1521044	-0.52	0.602	-.3774603	.2187782
_cons	-.414025	.0985652	-4.20	0.000	-.6072093	-.2208406

```
==> inlist(major,1,2)
```

_lead	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	.3401777	.1282917	2.65	0.008	.0887305	.5916249
_cons	-.8335437	.0552088	-15.10	0.000	-.9417511	-.7253364

```
Mean estimation                                Number of obs   =      2,193
```

	Mean	Std. Err.	[95% Conf. Interval]	
c._lead@major				
sociology	.408166	.045879	.3181952	.4981368
other social sciences	.4238212	.0179016	.3887154	.458927
psychology	.2719359	.0252572	.2224054	.3214664
economics	.3881444	.0284431	.3323662	.4439225
history and culture	.329125	.01921	.2914533	.3667967

Mean estimation Number of obs = 4,382

	Mean	Std. Err.	[95% Conf. Interval]	
c._lead@major				
sociology	.3624399	.0338633	.2960507	.4288292
other social sciences	.3361872	.0124676	.3117445	.3606299
psychology	.1982943	.0104677	.1777723	.2188163
economics	.4193866	.0420688	.3369105	.5018628
history and culture	.2849447	.0145502	.256419	.3134704

=> major==1

_lead	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	-.1932377	.2402099	-0.80	0.421	-.6640405	.2775651
_cons	-.371552	.1901695	-1.95	0.051	-.7442774	.0011733

=> major==2

_lead	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	-.3732258	.0921715	-4.05	0.000	-.5538787	-.1925729
_cons	-.3071062	.0733067	-4.19	0.000	-.4507847	-.1634277

=> major==3

_lead	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	-.4121666	.1435715	-2.87	0.004	-.6935615	-.1307717
_cons	-.9848227	.1275763	-7.72	0.000	-1.234868	-.7347778

=> major==4

_lead	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	.1298272	.2104118	0.62	0.537	-.2825724	.5422267
_cons	-.4551189	.1198667	-3.80	0.000	-.6900533	-.2201846

=> major==5

_lead	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	-.2079197	.1125703	-1.85	0.065	-.4285535	.0127141
_cons	-.7121451	.0870084	-8.18	0.000	-.8826784	-.5416118

Has (some) managerial responsibility (among all employees) (N = 6575)

	Overall	p-value	Male	Female	p-value
sociology	37.9		40.8	36.2	0.421

other soci-s	36.8	0.693	42.4	33.6	0.000
psychology	21.2	0.000	27.2	19.8	0.004
economics	39.8	0.602	38.8	41.9	0.537
history an-e	30.3	0.008	32.9	28.5	0.065

(output written to results.rtf)

==> Has budget responsibility

Mean estimation Number of obs = 6,770

	Mean	Std. Err.	[95% Conf. Interval]	
c.budget@major				
sociology	.235947	.0232338	.1904015	.2814926
other social sciences	.1801754	.008036	.1644222	.1959286
psychology	.0868314	.0065933	.0739065	.0997563
economics	.1126313	.0146864	.0838413	.1414213
history and culture	.1708421	.0093426	.1525276	.1891565

=> inlist(major,1,2)

budget	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	.3401297	.1399061	2.43	0.015	.0659188	.6143405
_cons	-1.515159	.0544092	-27.85	0.000	-1.6218	-1.408519

=> inlist(major,1,2)

budget	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	1.177922	.1533992	7.68	0.000	.8772653	1.478579
_cons	-2.352952	.0831651	-28.29	0.000	-2.515953	-2.189952

=> inlist(major,1,2)

budget	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	.8891112	.1955601	4.55	0.000	.5058205	1.272402
_cons	-2.064141	.1470238	-14.04	0.000	-2.352302	-1.77598

=> inlist(major,1,2)

budget	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	.4046414	.1448	2.79	0.005	.1208385	.6884443
_cons	-1.579671	.065965	-23.95	0.000	-1.70896	-1.450382

Mean estimation Number of obs = 2,259

	Mean	Std. Err.	[95% Conf. Interval]	
c.budget@major				
sociology	.2598879	.0396417	.1821498	.3376259
other social sciences	.1992245	.014146	.1714841	.226965
psychology	.1325808	.0187634	.0957856	.1693761
economics	.1055785	.0174783	.0713033	.1398537
history and culture	.2094266	.0160462	.1779597	.2408934

Mean estimation Number of obs = 4,511

	Mean	Std. Err.	[95% Conf. Interval]	
c.budget@major				
sociology	.2220268	.0285928	.1659709	.2780826
other social sciences	.1695943	.0097158	.1505465	.1886422
psychology	.0765201	.0068569	.0630771	.0899631
economics	.1275966	.0269292	.0748023	.180391
history and culture	.1438276	.0111624	.1219439	.1657114

=> major==1

budget	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	-.2073427	.2646871	-0.78	0.433	-.7261199	.3114345
_cons	-1.046552	.2063556	-5.07	0.000	-1.451001	-.642102

=> major==2

budget	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	-.1973569	.1123501	-1.76	0.079	-.4175591	.0228453
_cons	-1.391148	.088669	-15.69	0.000	-1.564936	-1.21736

=> major==3

budget	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	-.612266	.1898442	-3.23	0.001	-.9843537	-.2401783
_cons	-1.87833	.1631628	-11.51	0.000	-2.198123	-1.558537

=> major==4

budget	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	.2143447	.3048747	0.70	0.482	-.3831986	.811888
_cons	-2.136723	.1852426	-11.53	0.000	-2.499791	-1.773654

=> major==5

budget	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	-.4554706	.1327192	-3.43	0.001	-.7155954	-.1953457
_cons	-1.328385	.0969244	-13.71	0.000	-1.518354	-1.138417

Has budget responsibility (N = 6770)

	Overall	p-value	Male	Female	p-value
sociology	23.6		26.0	22.2	0.433
other soci-s	18.0	0.015	19.9	17.0	0.079
psychology	8.7	0.000	13.3	7.7	0.001
economics	11.3	0.000	10.6	12.8	0.482
history an-e	17.1	0.005	20.9	14.4	0.001

(output written to results.rtf)

==> Occupational position: employee

Mean estimation Number of obs = 6,792

	Mean	Std. Err.	[95% Conf. Interval]	
c._pos1@major				
sociology	.4280355	.0273231	.3744736	.4815973
other social sciences	.4882986	.0104655	.4677828	.5088143
psychology	.6291537	.0114684	.606672	.6516354
economics	.4336197	.0239231	.3867229	.4805165
history and culture	.491488	.0124956	.4669926	.5159833

=> inlist(major,1,2)

_pos1	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	-.2430565	.1192179	-2.04	0.041	-.4767193	-.0093937
_cons	-.0468143	.0418895	-1.12	0.264	-.1289162	.0352876

=> inlist(major,1,2)

_pos1	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	-.8184588	.1219679	-6.71	0.000	-1.057512	-.5794061
_cons	.5285878	.0491609	10.75	0.000	.4322342	.6249415

=> inlist(major,1,2)

_pos1	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	-.022773	.1482157	-0.15	0.878	-.3132704	.2677244
_cons	-.267098	.0974621	-2.74	0.006	-.4581201	-.0760759

=> inlist(major,1,2)

_pos1	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	-.2558193	.1223133	-2.09	0.036	-.495549	-.0160897
_cons	-.0340514	.0500059	-0.68	0.496	-.1320611	.0639583

Mean estimation Number of obs = 2,268

	Mean	Std. Err.	[95% Conf. Interval]	
c._pos1@major				
sociology	.3940238	.0452285	.3053303	.4827173
other social sciences	.4132192	.0176316	.3786434	.447795
psychology	.5391779	.0279408	.4843856	.5939701
economics	.4507501	.0293258	.3932419	.5082584
history and culture	.4548436	.0199111	.4157978	.4938894

Mean estimation Number of obs = 4,524

	Mean	Std. Err.	[95% Conf. Interval]	
c._pos1@major				
sociology	.4475851	.0342789	.3803817	.5147886
other social sciences	.5300467	.0128927	.5047707	.5553227
psychology	.6493355	.0125146	.6248008	.6738701
economics	.3961309	.0407054	.3163284	.4759334
history and culture	.5172407	.0159678	.485936	.5485455

_pos2	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major sociology	.0408808	.1387434	0.29	0.768	-.2310513	.3128129
_cons	-1.225041	.0498575	-24.57	0.000	-1.32276	-1.127323

=> inlist(major,1,2)

_pos2	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major sociology	.7323469	.1464537	5.00	0.000	.4453029	1.019391
_cons	-1.916508	.0684333	-28.01	0.000	-2.050634	-1.782381

=> inlist(major,1,2)

_pos2	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major sociology	-.2521106	.1667873	-1.51	0.131	-.5790077	.0747865
_cons	-.9320501	.1050687	-8.87	0.000	-1.137981	-.7261192

=> inlist(major,1,2)

_pos2	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major sociology	.323343	.1445528	2.24	0.025	.0400247	.6066613
_cons	-1.507504	.0642586	-23.46	0.000	-1.633448	-1.381559

Mean estimation Number of obs = 2,268

	Mean	Std. Err.	[95% Conf. Interval]	
c._pos2@major sociology	.2469806	.0391137	.1702782	.323683
other social sciences	.2582773	.0155164	.2278495	.2887051
psychology	.1407789	.0189559	.1036062	.1779517
economics	.2712761	.0250345	.2221831	.3203691
history and culture	.170573	.0149979	.1411621	.199984

Mean estimation Number of obs = 4,524

	Mean	Std. Err.	[95% Conf. Interval]	
c._pos2@major sociology	.227019	.0288547	.1704496	.2835884
other social sciences	.2096867	.0105112	.1890796	.2302937
psychology	.1254416	.0083437	.1090839	.1417993
economics	.3070914	.039718	.2292247	.384958
history and culture	.1888541	.0123519	.1646382	.2130699

=> major==1

_pos2	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	-.1104394	.267309	-0.41	0.679	-.6343555	.4134766
_cons	-1.114781	.2105755	-5.29	0.000	-1.527502	-.7020609

=> major==2

_pos2	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	-.2718733	.1028785	-2.64	0.008	-.4735114	-.0702352
_cons	-1.054942	.0809945	-13.02	0.000	-1.213688	-.8961954

=> major==3

_pos2	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	-.1330433	.1742043	-0.76	0.445	-.4744775	.2083909
_cons	-1.808835	.1567194	-11.54	0.000	-2.116	-1.501671

=> major==4

_pos2	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	.174405	.2257659	0.77	0.440	-.268088	.616898
_cons	-.9881579	.1267435	-7.80	0.000	-1.236571	-.7397452

=> major==5

_pos2	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	.1240981	.1332054	0.93	0.352	-.1369797	.385176
_cons	-1.581572	.1060171	-14.92	0.000	-1.789361	-1.373782

Occupational position: lower management (N = 6792)

	Overall	p-value	Male	Female	p-value
sociology	23.4		24.7	22.7	0.679
other soci-s	22.7	0.768	25.8	21.0	0.008
psychology	12.8	0.000	14.1	12.5	0.445
economics	28.3	0.131	27.1	30.7	0.440
history an-e	18.1	0.025	17.1	18.9	0.352

(output written to results.rtf)

==> Occupational position: middle management

Mean estimation Number of obs = 6,792

	Mean	Std. Err.	[95% Conf. Interval]	
c._pos3@major				
sociology	.0903476	.0164459	.0581084	.1225868
other social sciences	.084333	.0058338	.0728969	.0957691
psychology	.0543965	.0054835	.0436471	.065146
economics	.081575	.0134237	.0552604	.1078896
history and culture	.0694413	.0064299	.0568367	.0820459

=> inlist(major,1,2)

_pos3	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	.0754834	.213917	0.35	0.724	-.3437862	.4947529
_cons	-2.38488	.0755549	-31.56	0.000	-2.532965	-2.236795

=> inlist(major,1,2)

_pos3	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major sociology	.5461246	.2267687	2.41	0.016	.1016661	.9905831
_cons	-2.855523	.1066217	-26.78	0.000	-3.064497	-2.646548

=> inlist(major,1,2)

_pos3	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major sociology	.1117393	.2687458	0.42	0.678	-.4149927	.6384713
_cons	-2.421137	.179269	-13.51	0.000	-2.772498	-2.069777

=> inlist(major,1,2)

_pos3	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major sociology	.2859057	.2235224	1.28	0.201	-.1521902	.7240016
_cons	-2.595304	.0995217	-26.08	0.000	-2.790363	-2.400245

Mean estimation Number of obs = 2,268

	Mean	Std. Err.	[95% Conf. Interval]	
c._pos3@major sociology	.0748337	.0243446	.0270938	.1225737
other social sciences psychology	.1020595	.0108215	.0808384	.1232806
economics	.081748	.015662	.0510346	.1124614
history and culture	.0851473	.0169607	.0518873	.1184074
	.0901442	.0113717	.0678442	.1124443

Mean estimation Number of obs = 4,524

	Mean	Std. Err.	[95% Conf. Interval]	
c._pos3@major sociology	.0992649	.0217489	.0566264	.1419034
other social sciences psychology	.0744761	.0067838	.0611764	.0877757
economics	.0482616	.0057077	.0370716	.0594515
history and culture	.0737572	.0212743	.0320493	.1154651
	.0548917	.0074568	.0402728	.0695107

=> major==1

_pos3	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	.3092857	.4281194	0.72	0.470	-.5298128	1.148384
_cons	-2.514705	.3520729	-7.14	0.000	-3.204755	-1.824655

=> major==2

_pos3	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	-.3453344	.1537234	-2.25	0.025	-.6466267	-.0440421
_cons	-2.174548	.1180811	-18.42	0.000	-2.405982	-1.943113

=> major==3

_pos3	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	-.5628242	.2428651	-2.32	0.020	-1.038831	-.0868175
_cons	-2.418831	.2086556	-11.59	0.000	-2.827788	-2.009873

=> major==4

_pos3	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	-.1559781	.3803174	-0.41	0.682	-.9013865	.5894303
_cons	-2.37438	.2179123	-10.90	0.000	-2.80148	-1.94728

=> major==5

_pos3	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	-.5340617	.1997354	-2.67	0.007	-.9255359	-.1425876
_cons	-2.311875	.1386596	-16.67	0.000	-2.583643	-2.040107

Occupational position: middle management (N = 6792)

	Overall	p-value	Male	Female	p-value
sociology	9.0		7.5	9.9	0.470
other soci-s	8.4	0.724	10.2	7.4	0.025
psychology	5.4	0.016	8.2	4.8	0.020
economics	8.2	0.678	8.5	7.4	0.682
history an-e	6.9	0.201	9.0	5.5	0.007

(output written to results.rtf)

==> Occupational position: upper management

Mean estimation Number of obs = 6,792

	Mean	Std. Err.	[95% Conf. Interval]	
c._pos4@major				
sociology	.0433512	.0110716	.0216473	.065055
other social sciences	.0426098	.0043187	.0341438	.0510758
psychology	.0226856	.0037563	.015322	.0300492
economics	.0279849	.0080997	.0121071	.0438628
history and culture	.0419271	.0050197	.032087	.0517672

=> inlist(major,1,2)

_pos4	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	.0180233	.2872216	0.06	0.950	-.5449207	.5809674
_cons	-3.112126	.1058767	-29.39	0.000	-3.31964	-2.904611

=> inlist(major,1,2)

_pos4	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	.6689739	.3162391	2.12	0.034	.0491567	1.288791
_cons	-3.763076	.1694519	-22.21	0.000	-4.095196	-3.430957

=> inlist(major,1,2)

_pos4	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major sociology	.4536023	.4001336	1.13	0.257	-.3306452	1.23785
_cons	-3.547705	.2979235	-11.91	0.000	-4.131624	-2.963785

=> inlist(major,1,2)

_pos4	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major sociology	.0348886	.294818	0.12	0.906	-.5429441	.6127214
_cons	-3.128991	.1249847	-25.03	0.000	-3.373956	-2.884026

Mean estimation Number of obs = 2,268

	Mean	Std. Err.	[95% Conf. Interval]	
c._pos4@major sociology	.0737189	.023999	.0266566	.1207812
other social sciences	.0495328	.0077959	.0342449	.0648206
psychology	.0423376	.0118627	.0190747	.0656006
economics	.0259092	.0096473	.0069906	.0448277
history and culture	.0523741	.0088775	.0349653	.069783

Mean estimation Number of obs = 4,524

	Mean	Std. Err.	[95% Conf. Interval]	
c._pos4@major sociology	.025896	.0104611	.0053872	.0464048
other social sciences	.0387603	.0051338	.0286955	.0488252
psychology	.0182777	.0037398	.0109458	.0256095
economics	.0325277	.0148755	.0033644	.0616909
history and culture	.0345852	.0058319	.0231518	.0460186

=> major==1

_pos4	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	-1.09651	.5443203	-2.01	0.044	-2.163358	-.0296618
_cons	-2.530919	.3519	-7.19	0.000	-3.22063	-1.841207

=> major==2

_pos4	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	-.2565071	.2154289	-1.19	0.234	-.67874	.1657259
_cons	-2.954319	.1655883	-17.84	0.000	-3.278867	-2.629772

=> major==3

_pos4	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	-.8648101	.3592546	-2.41	0.016	-1.568936	-.160684
_cons	-3.118819	.2925946	-10.66	0.000	-3.692294	-2.545344

=> major==4

_pos4	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	.2343123	.6084596	0.39	0.700	-.9582466	1.426871
_cons	-3.626908	.3825741	-9.48	0.000	-4.37674	-2.877077

=> major==5

_pos4	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	-.4335852	.2500377	-1.73	0.083	-.92365	.0564795
_cons	-2.895547	.1788838	-16.19	0.000	-3.246152	-2.544941

Occupational position: upper management (N = 6792)

	Overall	p-value	Male	Female	p-value
sociology	4.3		7.4	2.6	0.044
other soci-s	4.3	0.950	5.0	3.9	0.234
psychology	2.3	0.034	4.2	1.8	0.016
economics	2.8	0.257	2.6	3.3	0.700
history an-e	4.2	0.906	5.2	3.5	0.083

(output written to results.rtf)

==> Occupational position: self-employed

Mean estimation Number of obs = 6,792

	Mean	Std. Err.	[95% Conf. Interval]	
c._pos5@major				
sociology	.0292725	.0092033	.0112311	.0473139
other social sciences	.037119	.0040421	.0291952	.0450429
psychology	.03077	.0041084	.0227163	.0388236
economics	.014772	.0057495	.0035012	.0260428
history and culture	.0337371	.0045276	.0248616	.0426127

=> inlist(major,1,2)

_pos5	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	-.2455962	.3430965	-0.72	0.474	-.9180529	.4268605
_cons	-3.2558	.1131065	-28.79	0.000	-3.477485	-3.034116

=> inlist(major,1,2)

_pos5	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	-.0514336	.3520155	-0.15	0.884	-.7413713	.6385042
_cons	-3.449963	.1377784	-25.04	0.000	-3.720003	-3.179922

=> inlist(major,1,2)

_pos5	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	.698743	.5111235	1.37	0.172	-.3030406	1.700527
_cons	-4.20014	.3952641	-10.63	0.000	-4.974843	-3.425436

=> inlist(major,1,2)

_pos5	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	-.1465597	.3524684	-0.42	0.678	-.837385	.5442656
_cons	-3.354837	.1389135	-24.15	0.000	-3.627102	-3.082571

Mean estimation Number of obs = 2,268

	Mean	Std. Err.	[95% Conf. Interval]	
c._pos5@major				
sociology	.0309503	.0152907	.0009651	.0609354
other social sciences	.0329188	.0066198	.0199372	.0459004
psychology	.0260039	.0086397	.0090614	.0429463
economics	.0149733	.0069249	.0013936	.0285531
history and culture	.0487159	.0087545	.0315483	.0658835

Mean estimation Number of obs = 4,524

	Mean	Std. Err.	[95% Conf. Interval]	
c._pos5@major				
sociology	.0283082	.0115265	.0057107	.0509056
other social sciences	.0394546	.0051002	.0294557	.0494535
psychology	.031839	.004641	.0227404	.0409376
economics	.0143315	.0103188	-.0058985	.0345614
history and culture	.0232104	.0046068	.0141788	.0322421

=> major==1

_pos5	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	-.0919549	.6607934	-0.14	0.889	-1.387086	1.203176
_cons	-3.443934	.5104616	-6.75	0.000	-4.44442	-2.443448

=> major==2

_pos5	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	.1878876	.2476948	0.76	0.448	-.2975852	.6733604
_cons	-3.380239	.2079379	-16.26	0.000	-3.78779	-2.972688

=> major==3

_pos5	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	.2084568	.3728888	0.56	0.576	-.5223919	.9393055
_cons	-3.623162	.3411323	-10.62	0.000	-4.291769	-2.954555

=> major==4

_pos5	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	-.044463	.8691458	-0.05	0.959	-1.747958	1.659032
_cons	-4.1864	.4699017	-8.91	0.000	-5.10739	-3.265409

=> major==5

	Robust

_pos5	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	-.7678617	.2774824	-2.77	0.006	-1.311717	-.2240062
_cons	-2.971808	.1889223	-15.73	0.000	-3.342089	-2.601527

Occupational position: self-employed (N = 6792)

	Overall	p-value	Male	Female	p-value
sociology	2.9		3.1	2.8	0.889
other soci-s	3.7	0.474	3.3	3.9	0.448
psychology	3.1	0.884	2.6	3.2	0.576
economics	1.5	0.172	1.5	1.4	0.959
history an-e	3.4	0.678	4.9	2.3	0.006

(output written to results.rtf)

=> Occupational position: assistant

Mean estimation Number of obs = 6,792

	Mean	Std. Err.	[95% Conf. Interval]	
c._pos6@major				
sociology	.158573	.0205522	.1182842	.1988618
other social sciences	.1074316	.0063713	.0949419	.1199213
psychology	.114909	.0076835	.099847	.1299709
economics	.154741	.0171478	.1211259	.1883561
history and culture	.1677607	.0093613	.1494095	.1861118

=> inlist(major,1,2)

_pos6	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	.4483652	.1677698	2.67	0.008	.1195425	.7771879
_cons	-2.117249	.0664504	-31.86	0.000	-2.247489	-1.987008

=> inlist(major,1,2)

_pos6	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	.3726662	.1715878	2.17	0.030	.0363604	.7089721
_cons	-2.04155	.0755582	-27.02	0.000	-2.189642	-1.893459

=> inlist(major,1,2)

_pos6	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	.0290063	.2023819	0.14	0.886	-.367655	.4256676
_cons	-1.69789	.1311744	-12.94	0.000	-1.954987	-1.440793

=> inlist(major,1,2)

_pos6	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	-.067302	.1680229	-0.40	0.689	-.3966209	.2620168
_cons	-1.601582	.0670618	-23.88	0.000	-1.73302	-1.470143

Mean estimation Number of obs = 2,268

other soci-s	10.7	0.008	13.5	9.2	0.001
psychology	11.5	0.030	14.6	10.8	0.057
economics	15.5	0.886	14.9	16.7	0.617
history an-e	16.8	0.689	17.1	16.5	0.761

(output written to results.rtf)

==> Occupational position: trainee

Mean estimation Number of obs = 6,792

	Mean	Std. Err.	[95% Conf. Interval]	
c._pos7@major				
sociology	.0161153	.0072681	.0018675	.0303631
other social sciences	.0131575	.0025529	.0081531	.018162
psychology	.0198337	.003613	.012751	.0269164
economics	.0047984	.0034237	-.0019131	.0115099
history and culture	.0143368	.0030145	.0084274	.0202462

=> inlist(major,1,2)

_pos7	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	.2057773	.4988326	0.41	0.680	-.7719167	1.183471
_cons	-4.317516	.1966333	-21.96	0.000	-4.70291	-3.932122

=> inlist(major,1,2)

_pos7	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	-.211397	.4947136	-0.43	0.669	-1.181018	.7582238
_cons	-3.900342	.185882	-20.98	0.000	-4.264664	-3.536019

=> inlist(major,1,2)

_pos7	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	1.222922	.8514207	1.44	0.151	-.4458325	2.891676
_cons	-5.33466	.7173318	-7.44	0.000	-6.740605	-3.928716

=> inlist(major,1,2)

_pos7	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	.1187461	.5056889	0.23	0.814	-.872386	1.109878
_cons	-4.230485	.2133592	-19.83	0.000	-4.648661	-3.812308

Mean estimation Number of obs = 2,268

	Mean	Std. Err.	[95% Conf. Interval]	
c._pos7@major				
sociology	.0075163	.0074934	-.0071783	.022211
other social sciences	.0087062	.0034633	.0019146	.0154978
psychology	.0243944	.0092075	.0063385	.0424503
economics	.0029628	.0029598	-.0028413	.008767
history and culture	.0121688	.0046367	.0030761	.0212614

Mean estimation Number of obs = 4,524

	Mean	Std. Err.	[95% Conf. Interval]	
c._pos7@major				
sociology	.021058	.0105813	.0003135	.0418024
other social sciences	.0156327	.0034721	.0088258	.0224397
psychology	.0188107	.0039117	.0111419	.0264795
economics	.0088155	.0087697	-.0083775	.0260084
history and culture	.0158605	.0039666	.0080841	.0236368

=> major==1

_pos7	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	1.04394	1.129497	0.92	0.355	-1.169834	3.257714
_cons	-4.883134	1.00577	-4.86	0.000	-6.854406	-2.911862

=> major==2

_pos7	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	.5923473	.4603797	1.29	0.198	-.3099804	1.494675
_cons	-4.734979	.4012864	-11.80	0.000	-5.521486	-3.948472

=> major==3

_pos7	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	-.2656342	.4411584	-0.60	0.547	-1.130289	.5990202
_cons	-3.688706	.3868978	-9.53	0.000	-4.447012	-2.9304

=> major==4

_pos7	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	1.096248	1.419431	0.77	0.440	-1.685785	3.878281
_cons	-5.818643	1.002773	-5.80	0.000	-7.784042	-3.853243

=> major==5

_pos7	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	.2687023	.4619652	0.58	0.561	-.6367328	1.174137
_cons	-4.396641	.3857585	-11.40	0.000	-5.152713	-3.640568

Occupational position: trainee (N = 6792)

	Overall	p-value	Male	Female	p-value
sociology	1.6		0.8	2.1	0.355
other soci-s	1.3	0.680	0.9	1.6	0.198
psychology	2.0	0.669	2.4	1.9	0.547
economics	0.5	0.151	0.3	0.9	0.440
history an-e	1.4	0.814	1.2	1.6	0.561

(output written to results.rtf)

. drop _lead _pos1 _pos2 _pos3 _pos4 _pos5 _pos6 _pos7

3.8 Earnings

```

. matrix res = J(5,5,.z)
. mat coln res = "Overall" "p-value" "Male" "Female" "p-value"
. qui fre major, novalue
. mat rown res = `r(lab_valid)'
. foreach v in earnings {
2.   di _n as res `"'=> `: var lab `v'' {hline}'''
3.   robstat `v' [pw=pw], over(major) stat(med)
4.   local N = e(N)
5.   mat res[1,1] = e(b)'
6.   forv i=2/5 {
7.     di _n as res "=> inlist(major,1,2)"
8.     qreg `v' 1.major [pw=pw] if inlist(major,1,`i'), nolog
9.     qui test 1.major
10.    mat res[`i',2] = r(p)
11.  }
12.  mean `v' [pw=pw] if female==0, over(major)
13.  mat res[1,3] = e(b)'
14.  mean `v' [pw=pw] if female==1, over(major)
15.  mat res[1,4] = e(b)'
16.  forv i=1/5 {
17.    di _n as res "=> major==`i'"
18.    qreg `v' i.female [pw=pw] if major==`i', nolog
19.    qui test 1.female
20.    mat res[`i',5] = r(p)
21.  }
22.  esttab matrix(res, fmt(1 3 1 1 3)), title(`"'=: var lab `v'' (N = `N')"'') nomti
23.  esttab matrix(res, fmt(1 3 1 1 3)) using results.rtf, append ///
>   nomti title(`"'=: var lab `v'' (N = `N')"'') varwidth(20) modelw(8)
24. }

```

==> Standardized yearly earnings

Robust Statistics Number of obs = 6,646

1: major = sociology
2: major = other social sciences
3: major = psychology
4: major = economics
5: major = history and culture

median	Coef.	Std. Err.	[95% Conf. Interval]	
1	87.76889	.0575743	87.65602	87.88175
2	90	.1880087	89.63144	90.36856
3	91	.141081	90.72344	91.27656
4	98	.0931289	97.81744	98.18256
5	87.94253	.1402562	87.66758	88.21748

=> inlist(major,1,2)

Median regression Number of obs = 2,741

Raw sum of deviations 62999.28 (about 90)

Min sum of deviations 62969.14 Pseudo R2 = 0.0005

earnings	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
major						
sociology	-2.231111	1.296905	-1.72	0.085	-4.774121	.3118989
_cons	90	.5116567	175.90	0.000	88.99673	91.00327

=> inlist(major,1,2)

Median regression Number of obs = 2,148

Raw sum of deviations 43308.22 (about 90.5)

Min sum of deviations 43235.6 Pseudo R2 = 0.0017


```

=> major==2
Median regression                               Number of obs =    2,411
Raw sum of deviations 56298.42 (about 90)
Min sum of deviations 56274.57                 Pseudo R2      =    0.0004

```

earnings	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
1.female	-1	1.077661	-0.93	0.354	-3.113238	1.113238
_cons	90	.8883705	101.31	0.000	88.25795	91.74205

```

=> major==3
Median regression                               Number of obs =    1,818
Raw sum of deviations 36564.88 (about 91)
Min sum of deviations 36557.02                 Pseudo R2      =    0.0002

```

earnings	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
1.female	-1	1.324447	-0.76	0.450	-3.597599	1.597599
_cons	92	1.158832	79.39	0.000	89.72722	94.27278

```

=> major==4
Median regression                               Number of obs =    467
Raw sum of deviations 12752.89 (about 98)
Min sum of deviations 12638.18                 Pseudo R2      =    0.0090

```

earnings	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
1.female	-6	2.392834	-2.51	0.012	-10.70211	-1.297893
_cons	100	1.414858	70.68	0.000	97.21969	102.7803

```

=> major==5
Median regression                               Number of obs =    1,620
Raw sum of deviations 35167.42 (about 87.942529)
Min sum of deviations 34677.23                 Pseudo R2      =    0.0139

```

earnings	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
1.female	-6.5	1.298962	-5.00	0.000	-9.047825	-3.952175
_cons	91	.9772904	93.11	0.000	89.08311	92.91689

Standardized yearly earnings (N = 6646)

	Overall	p-value	Male	Female	p-value
sociology	87.8		90.9	90.6	0.211
other soci-s	90.0	0.085	91.8	90.1	0.354
psychology	91.0	0.010	92.1	91.6	0.450
economics	98.0	0.000	99.2	93.1	0.012
history an-e	87.9	0.888	92.3	87.1	0.000

(output written to results.rtf)

3.9 Correspondence between work and qualification

```

. resultstbl quali
==> Job requires degree similar to own degree

```

Mean estimation Number of obs = 6,786

	Mean	Std. Err.	[95% Conf. Interval]	
c.quali@major				
sociology	.5573142	.0274702	.503464	.6111644
other social sciences	.5876837	.0103397	.5674145	.6079528
psychology	.7635955	.0100786	.7438383	.7833528
economics	.7639118	.0207488	.7232377	.804586
history and culture	.5594278	.0124089	.5351026	.5837531

=> inlist(major,1,2)

quali	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	-.1241291	.1192531	-1.04	0.298	-.3578609	.1096028
_cons	.354398	.0426758	8.30	0.000	.2707549	.438041

=> inlist(major,1,2)

quali	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	-.9422251	.1245768	-7.56	0.000	-1.186391	-.698059
_cons	1.172494	.0558403	21.00	0.000	1.063049	1.281939

=> inlist(major,1,2)

quali	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	-.943978	.1601904	-5.89	0.000	-1.257945	-.6300106
_cons	1.174247	.1151092	10.20	0.000	.9486371	1.399857

=> inlist(major,1,2)

quali	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	-.0085714	.1222189	-0.07	0.944	-.248116	.2309733
_cons	.2388403	.0503555	4.74	0.000	.1401454	.3375353

Mean estimation Number of obs = 2,266

	Mean	Std. Err.	[95% Conf. Interval]	
c.quali@major				
sociology	.573717	.0454235	.484641	.6627929
other social sciences	.5583438	.0177261	.5235826	.5931049
psychology	.7404268	.0243776	.6926221	.7882316
economics	.7924619	.0244893	.7444382	.8404856
history and culture	.5509431	.0198849	.5119485	.5899378

Mean estimation Number of obs = 4,520

	Mean	Std. Err.	[95% Conf. Interval]	
c.quali@major				
sociology	.5477551	.0344796	.4801582	.615352
other social sciences	.6041146	.0127058	.579205	.6290243

psychology	.7687891	.0110613	.7471034	.7904747
economics	.7033078	.0383125	.6281967	.778419
history and culture	.5653551	.0158522	.534277	.5964333

=> major==1

quali	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	-.1054282	.2323997	-0.45	0.650	-.5609233	.3500669
_cons	.2970327	.1859653	1.60	0.110	-.0674526	.6615181

=> major==2

quali	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	.1881963	.089387	2.11	0.035	.013001	.3633916
_cons	.234443	.0718821	3.26	0.001	.0935566	.3753293

=> major==3

quali	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	.1532981	.1412906	1.08	0.278	-.1236264	.4302226
_cons	1.048188	.1268439	8.26	0.000	.7995788	1.296798

=> major==4

quali	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	-.4767301	.2366078	-2.01	0.044	-.9404728	-.0129874
_cons	1.33983	.149025	8.99	0.000	1.047746	1.631913

=> major==5

quali	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
1.female	.0584427	.1030741	0.57	0.571	-.1435789	.2604643
_cons	.2044821	.0803805	2.54	0.011	.0469393	.3620249

Job requires degree similar to own degree (N = 6786)

	Overall	p-value	Male	Female	p-value
sociology	55.7		57.4	54.8	0.650
other soci-s	58.8	0.298	55.8	60.4	0.035
psychology	76.4	0.000	74.0	76.9	0.278
economics	76.4	0.000	79.2	70.3	0.044
history an-e	55.9	0.944	55.1	56.5	0.571

(output written to results.rtf)

```
. matrix res = J(5,5,.z)
. mat coln res = "Overall" "p-value" "Male" "Female" "p-value"
. qui fre major, novalue
. mat rown res = `r(lab_valid)'
. foreach v in fit_pos fit_task fit_qual fit_earn {
2.   di _n as res `==> `: var lab `v' {hline}''
3.   mean `v' [pw=pw], over(major)
4.   local N = e(N)
5.   mat res[1,1] = e(b)'
6.   forv i=2/5 {
```

```

7.      di _n as res "=> inlist(major,1,2)"
8.      regress `v' 1.major [pw=pw] if inlist(major,1,`i'), noheader
9.      qui test 1.major
10.     mat res[`i',2] = r(p)
11.     }
12.     mean `v' [pw=pw] if female==0, over(major)
13.     mat res[1,3] = e(b)'
14.     mean `v' [pw=pw] if female==1, over(major)
15.     mat res[1,4] = e(b)'
16.     forv i=1/5 {
17.         di _n as res "=> major==`i'"
18.         regress `v' i.female [pw=pw] if major==`i', noheader
19.         qui test 1.female
20.         mat res[`i',5] = r(p)
21.     }
22.     esttab matrix(res, fmt(2 3 2 2 3)), title("`": var lab `v'' (N = `N')"'') nomti
23.     esttab matrix(res, fmt(2 3 2 2 3)) using results.rtf, append ///
>     nomti title("`": var lab `v'' (N = `N')"'') varwidth(20) modelw(8)
24. }

```

==> Job fits own qualification: position

Mean estimation Number of obs = 6,619

	Mean	Std. Err.	[95% Conf. Interval]	
c.fit_pos@major				
sociology	3.46897	.0714892	3.328828	3.609112
other social sciences	3.679373	.0254517	3.629479	3.729266
psychology	3.869888	.0277017	3.815584	3.924192
economics	3.918778	.0500077	3.820746	4.016809
history and culture	3.611865	.0323413	3.548466	3.675264

==> inlist(major,1,2)
(sum of wgt is 6,616.69842564627)

fit_pos	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
major						
sociology	-.2104026	.075907	-2.77	0.006	-.3592439	-.0615613
_cons	3.679373	.0254591	144.52	0.000	3.629451	3.729294

==> inlist(major,1,2)
(sum of wgt is 4,724.604812143)

fit_pos	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
major						
sociology	-.400918	.0766985	-5.23	0.000	-.5513289	-.2505071
_cons	3.869888	.0277124	139.64	0.000	3.815542	3.924234

==> inlist(major,1,2)
(sum of wgt is 2,029.40460774565)

fit_pos	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
major						
sociology	-.4498076	.0873466	-5.15	0.000	-.6212642	-.2783511
_cons	3.918778	.0500666	78.27	0.000	3.8205	4.017056

==> inlist(major,1,2)
(sum of wgt is 4,272.00075809672)

fit_pos	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
major						
sociology	-.4498076	.0873466	-5.15	0.000	-.6212642	-.2783511
_cons	3.918778	.0500666	78.27	0.000	3.8205	4.017056

major							
sociology	-.1428952	.0784991	-1.82	0.069	-.296847	.0110566	
_cons	3.611865	.0323555	111.63	0.000	3.54841	3.675321	

Mean estimation Number of obs = 2,218

	Mean	Std. Err.	[95% Conf. Interval]	
c.fit_pos@major				
sociology	3.632319	.1089563	3.418652	3.845986
other social sciences	3.629362	.0434924	3.544072	3.714652
psychology	3.794804	.0675086	3.662418	3.927191
economics	3.937217	.0600738	3.81941	4.055024
history and culture	3.652769	.0502699	3.554188	3.75135

Mean estimation Number of obs = 4,401

	Mean	Std. Err.	[95% Conf. Interval]	
c.fit_pos@major				
sociology	3.375116	.0930942	3.192604	3.557627
other social sciences	3.707023	.0313348	3.645591	3.768454
psychology	3.887018	.0303288	3.827558	3.946477
economics	3.878824	.0902821	3.701826	4.055822
history and culture	3.582519	.0422491	3.499689	3.665349

=> major==1
(sum of wgt is 724.5739063243678)

fit_pos	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
1.female	-.2572036	.1437228	-1.79	0.074	-.5399417	.0255344
_cons	3.632319	.1092643	33.24	0.000	3.41737	3.847269

=> major==2
(sum of wgt is 5,892.1245193219)

fit_pos	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
1.female	.0776602	.0536171	1.45	0.148	-.0274807	.1828011
_cons	3.629362	.0435009	83.43	0.000	3.544059	3.714666

=> major==3
(sum of wgt is 4,000.03090581863)

fit_pos	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
1.female	.0922134	.0740337	1.25	0.213	-.0529863	.2374132
_cons	3.794804	.0675304	56.19	0.000	3.662359	3.927249

=> major==4
(sum of wgt is 1,304.83070142128)

fit_pos	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
1.female	-.0583928	.1086577	-0.54	0.591	-.2719101	.1551244
_cons	3.937217	.0601885	65.41	0.000	3.818944	4.05549

=> major==5
(sum of wgt is 3,547.42685177235)

fit_pos	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
1.female	-.0702499	.0656954	-1.07	0.285	-.1991077	.0586078
_cons	3.652769	.0502899	72.63	0.000	3.554128	3.75141

Job fits own qualification: position (N = 6619)

	Overall	p-value	Male	Female	p-value
sociology	3.47		3.63	3.38	0.074
other soci-s	3.68	0.006	3.63	3.71	0.148
psychology	3.87	0.000	3.79	3.89	0.213
economics	3.92	0.000	3.94	3.88	0.591
history an-e	3.61	0.069	3.65	3.58	0.285

(output written to results.rtf)

==> Job fits own qualification: tasks

Mean estimation Number of obs = 6,616

	Mean	Std. Err.	[95% Conf. Interval]	
c.fit_task@major				
sociology	3.446424	.0668154	3.315445	3.577404
other social sciences	3.61404	.0248111	3.565402	3.662678
psychology	3.850075	.0271915	3.796771	3.903379
economics	3.811863	.0510344	3.711819	3.911907
history and culture	3.588562	.030491	3.52879	3.648334

=> inlist(major,1,2)

(sum of wgt is 6,614.05132406884)

fit_task	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
major						
sociology	-.1676157	.0712942	-2.35	0.019	-.307412	-.0278193
_cons	3.61404	.0248183	145.62	0.000	3.565375	3.662705

=> inlist(major,1,2)

(sum of wgt is 4,728.75600648689)

fit_task	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
major						
sociology	-.4036508	.0721645	-5.59	0.000	-.5451702	-.2621315
_cons	3.850075	.0272021	141.54	0.000	3.79673	3.90342

=> inlist(major,1,2)

(sum of wgt is 2,027.01371221007)

fit_task	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
major						
sociology	-.3654388	.0841754	-4.34	0.000	-.5306707	-.2002068
_cons	3.811863	.0510946	74.60	0.000	3.711567	3.912159

=> inlist(major,1,2)

(sum of wgt is 4,265.41332566988)

fit_task	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
major						
sociology						
_cons						

major						
sociology	-.1421377	.0734763	-1.93	0.053	-.286239	.0019637
_cons	3.588562	.0305045	117.64	0.000	3.528737	3.648387

Mean estimation Number of obs = 2,214

	Mean	Std. Err.	[95% Conf. Interval]	
c.fit_task@major				
sociology	3.654283	.1066837	3.445073	3.863494
other social sciences	3.539092	.0420578	3.456615	3.621568
psychology	3.771	.0641124	3.645274	3.896727
economics	3.823001	.0601902	3.704966	3.941037
history and culture	3.637036	.0480093	3.542888	3.731184

Mean estimation Number of obs = 4,402

	Mean	Std. Err.	[95% Conf. Interval]	
c.fit_task@major				
sociology	3.326997	.0844332	3.161465	3.492528
other social sciences	3.655507	.0306586	3.595401	3.715613
psychology	3.868092	.0300114	3.809255	3.92693
economics	3.787793	.0954633	3.600637	3.974949
history and culture	3.553938	.0394473	3.476602	3.631275

=> major==1
(sum of wgt is 724.5739063243678)

fit_task	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
1.female	-.3272868	.1364433	-2.40	0.017	-.5957042	-.0588693
_cons	3.654283	.1069853	34.16	0.000	3.443817	3.86475

=> major==2
(sum of wgt is 5,889.47741774447)

fit_task	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
1.female	.1164153	.0520583	2.24	0.025	.014331	.2184995
_cons	3.539092	.042066	84.13	0.000	3.456602	3.621581

=> major==3
(sum of wgt is 4,004.18210016253)

fit_task	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
1.female	.0970921	.0708132	1.37	0.171	-.0417913	.2359755
_cons	3.771	.064133	58.80	0.000	3.645219	3.896782

=> major==4
(sum of wgt is 1,302.4398058857)

fit_task	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
1.female	-.0352083	.1130793	-0.31	0.756	-.2574155	.186999
_cons	3.823001	.0603053	63.39	0.000	3.704498	3.941505

=> major==5
(sum of wgt is 3,540.83941934551)

fit_task	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
1.female	-.0830977	.0621644	-1.34	0.181	-.2050299	.0388345
_cons	3.637036	.0480285	75.73	0.000	3.542831	3.731241

Job fits own qualification: tasks (N = 6616)

	Overall	p-value	Male	Female	p-value
sociology	3.45		3.65	3.33	0.017
other soci-s	3.61	0.019	3.54	3.66	0.025
psychology	3.85	0.000	3.77	3.87	0.171
economics	3.81	0.000	3.82	3.79	0.756
history and e	3.59	0.053	3.64	3.55	0.181

(output written to results.rtf)

==> Job fits own qualification: required qualification

Mean estimation Number of obs = 6,752

	Mean	Std. Err.	[95% Conf. Interval]	
c.fit_qual@major				
sociology	3.376411	.0655535	3.247906	3.504917
other social sciences	3.49698	.0252052	3.44757	3.54639
psychology	3.655499	.02734	3.601904	3.709094
economics	3.70325	.0527808	3.599783	3.806717
history and culture	3.480546	.0316094	3.418582	3.542511

=> inlist(major,1,2)

(sum of wgt is 6,768.2319724849)

fit_qual	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
major						
sociology	-.1205687	.0702524	-1.72	0.086	-.2583209	.0171835
_cons	3.49698	.0252125	138.70	0.000	3.447543	3.546417

=> inlist(major,1,2)

(sum of wgt is 4,809.44368010119)

fit_qual	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
major						
sociology	-.2790879	.0710535	-3.93	0.000	-.4184273	-.1397485
_cons	3.655499	.0273505	133.65	0.000	3.601864	3.709135

=> inlist(major,1,2)

(sum of wgt is 2,055.79406178446)

fit_qual	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
major						
sociology	-.3268387	.0842589	-3.88	0.000	-.4922309	-.1614465
_cons	3.70325	.0528422	70.08	0.000	3.599526	3.806974

=> inlist(major,1,2)

(sum of wgt is 4,384.43547906754)

fit_qual	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
major						

sociology	-.1041352	.0728078	-1.43	0.153	-.246923	.0386526
_cons	3.480546	.031623	110.06	0.000	3.418529	3.542564

Mean estimation Number of obs = 2,254

	Mean	Std. Err.	[95% Conf. Interval]	
c.fit_qual@major				
sociology	3.449644	.0991552	3.255199	3.64409
other social sciences	3.435706	.0426079	3.352151	3.519261
psychology	3.580092	.0631019	3.456348	3.703836
economics	3.725723	.0619489	3.60424	3.847206
history and culture	3.510991	.0495651	3.413793	3.608189

Mean estimation Number of obs = 4,498

	Mean	Std. Err.	[95% Conf. Interval]	
c.fit_qual@major				
sociology	3.334081	.0860473	3.165386	3.502776
other social sciences	3.531071	.0312235	3.469858	3.592285
psychology	3.672421	.0303267	3.612966	3.731876
economics	3.654121	.099668	3.458723	3.84952
history and culture	3.459171	.0410427	3.378707	3.539635

=> major==1
(sum of wgt is 742.9837343895445)

fit_qual	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
1.female	-.1155639	.1316539	-0.88	0.381	-.3745364	.1434086
_cons	3.449644	.0994287	34.69	0.000	3.254061	3.645228

=> major==2
(sum of wgt is 6,025.24823809535)

fit_qual	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
1.female	.0953655	.0528357	1.80	0.071	-.008242	.198973
_cons	3.435706	.0426159	80.62	0.000	3.352138	3.519273

=> major==3
(sum of wgt is 4,066.45994571164)

fit_qual	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
1.female	.0923294	.0700348	1.32	0.188	-.0450261	.2296849
_cons	3.580092	.063122	56.72	0.000	3.456294	3.703889

=> major==4
(sum of wgt is 1,312.81032739492)

fit_qual	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
1.female	-.0716013	.1175837	-0.61	0.543	-.3026549	.1594523
_cons	3.725723	.0620666	60.03	0.000	3.603761	3.847684

=> major==5
(sum of wgt is 3,641.451744678)

	Robust

fit_qual	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
1.female	-.0518202	.0643799	-0.80	0.421	-.1780953	.0744549
_cons	3.510991	.0495842	70.81	0.000	3.413736	3.608246

Job fits own qualification: required qualification (N = 6752)

	Overall	p-value	Male	Female	p-value
sociology	3.38		3.45	3.33	0.381
other soci-s	3.50	0.086	3.44	3.53	0.071
psychology	3.66	0.000	3.58	3.67	0.188
economics	3.70	0.000	3.73	3.65	0.543
history an-e	3.48	0.153	3.51	3.46	0.421

(output written to results.rtf)

==> Job fits own qualification: earnings

Mean estimation Number of obs = 6,608

	Mean	Std. Err.	[95% Conf. Interval]	
c.fit_earn@major				
sociology	3.109702	.0671381	2.97809	3.241314
other social sciences	3.25717	.0252511	3.20767	3.306671
psychology	3.192672	.0292054	3.13542	3.249924
economics	3.564103	.0544762	3.457312	3.670894
history and culture	3.127102	.0308	3.066724	3.18748

=> inlist(major,1,2)

(sum of wgt is 6,614.29209844759)

fit_earn	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
major						
sociology	-.1474684	.0717506	-2.06	0.040	-.2881598	-.006777
_cons	3.25717	.0252585	128.95	0.000	3.207643	3.306698

=> inlist(major,1,2)

(sum of wgt is 4,714.46508241568)

fit_earn	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
major						
sociology	-.0829698	.0732438	-1.13	0.257	-.2266058	.0606661
_cons	3.192672	.0292168	109.28	0.000	3.135376	3.249968

=> inlist(major,1,2)

(sum of wgt is 2,029.40460774565)

fit_earn	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
major						
sociology	-.454401	.086561	-5.25	0.000	-.6243154	-.2844865
_cons	3.564103	.0545404	65.35	0.000	3.457043	3.671163

=> inlist(major,1,2)

(sum of wgt is 4,255.02444712442)

fit_earn	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
major						
sociology	-.0173999	.0738986	-0.24	0.814	-.1623297	.1275299

_cons	3.127102	.0308137	101.48	0.000	3.06667	3.187534
-------	----------	----------	--------	-------	---------	----------

Mean estimation Number of obs = 2,212

	Mean	Std. Err.	[95% Conf. Interval]	
c.fit_earn@major				
sociology	3.227642	.1034706	3.024732	3.430551
other social sciences	3.232464	.04154	3.151002	3.313925
psychology	3.179987	.064921	3.052675	3.3073
economics	3.575606	.0691869	3.439928	3.711284
history and culture	3.205893	.0476881	3.112375	3.299412

Mean estimation Number of obs = 4,396

	Mean	Std. Err.	[95% Conf. Interval]	
c.fit_earn@major				
sociology	3.041938	.0870635	2.87125	3.212627
other social sciences	3.270815	.0317771	3.208515	3.333114
psychology	3.195559	.0326688	3.131512	3.259606
economics	3.539179	.0854566	3.371641	3.706717
history and culture	3.070658	.0403313	2.991588	3.149728

=> major==1
(sum of wgt is 724.5739063243678)

fit_earn	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
1.female	-.1857031	.1356151	-1.37	0.172	-.4524913	.0810851
_cons	3.227642	.1037631	31.11	0.000	3.023514	3.431769

=> major==2
(sum of wgt is 5,889.71819212322)

fit_earn	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
1.female	.0383508	.0523129	0.73	0.464	-.0642326	.1409342
_cons	3.232464	.041548	77.80	0.000	3.15099	3.313938

=> major==3
(sum of wgt is 3,989.89117609131)

fit_earn	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
1.female	.0155717	.0727024	0.21	0.830	-.127017	.1581605
_cons	3.179987	.064942	48.97	0.000	3.052619	3.307356

=> major==4
(sum of wgt is 1,304.83070142128)

fit_earn	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
1.female	-.0364265	.1101702	-0.33	0.741	-.252916	.1800629
_cons	3.575606	.0693189	51.58	0.000	3.439391	3.71182

=> major==5
(sum of wgt is 3,530.45054080005)

fit_earn	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
----------	-------	------------------	---	------	----------------------	--

1.female	-.1352355	.062484	-2.16	0.031	-.2577949	-.0126761
_cons	3.205893	.0477072	67.20	0.000	3.112318	3.299469

Job fits own qualification: earnings (N = 6608)

	Overall	p-value	Male	Female	p-value
sociology	3.11		3.23	3.04	0.172
other soci-s	3.26	0.040	3.23	3.27	0.464
psychology	3.19	0.257	3.18	3.20	0.830
economics	3.56	0.000	3.58	3.54	0.741
history an-e	3.13	0.814	3.21	3.07	0.031

(output written to results.rtf)

3.10 Achievement of occupational aspirations

```
. resultstbl success
```

```
==> Could realize occupational aspirations
```

```
Mean estimation
```

```
Number of obs = 6,775
```

	Mean	Std. Err.	[95% Conf. Interval]	
c.success@major				
sociology	.6687135	.0263479	.6170634	.7203636
other social sciences	.7110977	.0096854	.6921113	.7300841
psychology	.7415718	.0105582	.7208744	.7622693
economics	.7812539	.0208188	.7404424	.8220653
history and culture	.6766148	.0117484	.6535842	.6996454

```
=> inlist(major,1,2)
```

success	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	-.198349	.12795	-1.55	0.121	-.4491264	.0524284
_cons	.9007212	.0471502	19.10	0.000	.8083084	.993134

```
=> inlist(major,1,2)
```

success	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	-.3517821	.1310936	-2.68	0.007	-.6087208	-.0948434
_cons	1.054154	.0551017	19.13	0.000	.9461571	1.162152

```
=> inlist(major,1,2)
```

success	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						
sociology	-.570616	.170343	-3.35	0.001	-.9044821	-.2367499
_cons	1.272988	.1218871	10.44	0.000	1.034094	1.511883

```
=> inlist(major,1,2)
```

success	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
major						

Could realize occupational aspirations (N = 6775)

	Overall	p-value	Male	Female	p-value
sociology	66.9		75.3	62.1	0.018
other soci-s	71.1	0.121	70.5	71.5	0.635
psychology	74.2	0.007	75.7	73.8	0.505
economics	78.1	0.001	76.4	81.7	0.215
history an-e	67.7	0.783	70.9	65.4	0.024

(output written to results.rtf)