
name: <unnamed>
log: ...program1--prepare data.log
log type: text
opened on: 2 Sep 2014, 16:04:02

. *****
> * Author: E McClintock *
> * Date last edited: Aug, 2014 *
> * Last edits: Added comments for *
> * posting online and deleted *
> * tables with small cell sizes *
> * Does: preps data for exchange & *
> * matching analysis, uses "ice" *
> * for multiple imputation *
> *****;

. *** Open Partner-Level Data ***;
. /* NOTES:

>
> This data is organized by gender. After cleaning & prepping variables I link
respondents
> to their recruited partners. By "respondent" I mean original Add Health
respondent and
> by "partner" I mean the recruited partner. I organize these couples by gender.
This is
> reflected in the naming conventions. A variable that begins with f#_ refers to
informatio
> n about the female partner in wave #. A variable that begins with m#_ refers to
informati
> on about the male partner in wave #. For example, f3_yrsedu is the female
partner's year
> s of completed education at the wave III (3) interview. If there is no # (f_ or
m_) the
> variable is not time-variant. For example, f_white means that the female partner
is whit
> e--race does not change (much) over time. Obviously, recruited partners are only
intervi
> ewed once, in wave III. However, the partners complete a slightly-modified
version of t
> he wave III interview which asks some retrospective questions which I use to
approximate
> information collected on main respondent in earlier waves (e.g., father's
occupational st
> atus when the partner was an adolescent). Therefore it is possible for partners
to have
> values for some variables that are tagged as wave I (1). Also, in program 2 I
create for
> ecast measures so it is possible for parnters to have values on f4...p and
m4...p varia
> bles (p for predicted). In the program following this program I use information
on respo
> ndent's income/SEI/etc at wave IV to forecast WAVE IV income/SEI/etc for
respondents and
> partners. This provides an approximation of expected future income at Wave III
when indi
> viduals would be gauging their partner's economic potential. A variable that
begins with
> c#_ is about the couple. For example, c_white means that the couple is white
(both whit
> e non-Hispanic).

>
> I am not posting the programs in which I clean and prep basic variables. These
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```

programs
> are simple and it is not worth my time to edit them (write comments, delete any
tables w
> ith small sample sizes from log files, etc.) when they could be easily reproduced
by anyo
> ne with access to the Add Health data and codebooks.
>
> */
>
> use "...\partners.dta", clear ;
(National Longitudinal Study of Adolescent Health (Add Health), 1994-2008: wave I)

```

```
. des, short ;
```

```

Contains data from ...\partners.dta
obs:      1,507      National Longitudinal Study of
Adolescent
Health (Add Health), 1994-2008: wave
I
vars:      1,359
size:      7,025,634
Sorted by: aid
19 Dec 2011 15:18

```

```

. *** Construct ***;
. ** female partner is currently pregnant **;
. * Note: I have the same N for this as Carmalt et al 2008--which I should--this is
simply
> a verification that we have both prepared the data in the same way *;
. tab f3_pregnow ;

```

R or P pregnant now	Freq.	Percent	Cum.
0	1,405	93.23	93.23
1	102	6.77	100.00
Total	1,507	100.00	

```

. ** partner is physically attractive **;
. * Note: I have the same N for this as Carmalt et al 2008--which I should--this is
simply
> a verification that we have both prepared the data in the same way *;
. recode m3_physatt 1/3=0 4/5=1, gen(m3_attvatt) ;
(1507 differences between m3_physatt and m3_attvatt)
. recode f3_physatt 1/3=0 4/5=1, gen(f3_attvatt) ;
(1507 differences between f3_physatt and f3_attvatt)

```

```
. sum m3_attvatt f3_attvatt ;
```

Variable	Obs	Mean	Std. Dev.	Min	Max
m3_attvatt	1507	.4280027	.4949535	0	1
f3_attvatt	1507	.5467817	.4979719	0	1

```
. sum m3_attvatt f3_attvatt if f3_pregnow == 0 ;
```

Variable	Obs	Mean	Std. Dev.	Min	Max
m3_attvatt	1405	.427758	.4949297	0	1
f3_attvatt	1405	.5480427	.4978638	0	1

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```
. * body mass index *;
. * Note: Carmalt et al 2008 report more obs than I do - I am not sure how that
could be.
> However, the difference is minor and I do not use BMI in my analysis. There are a
lot of
> reasonable ways to calculate BMI which yield slightly different Ns (hence my
various vers
> ion below). For one thing, some people max the scale out at 330 lbs. Using 330
would yi
> eld a lower BMI estimate than would using their true (unknown but heavier than
330) weigh
> t. The researcher's decision about that alters the N. For another, in some cases
the re
> spondent has information on (for example) complete inches but is missing data on
partial
> inches. Using inches alone when partial inches are missing would yield a
reasonably-accu
> rate estimate of height. Or a researcher might count that respondent as missing
informat
> ion on height. I tried several approaches to calculating BMI. Fortunately, for
most res
> pondents it really does not make a difference. ;
. sum m3_bmi m3_bmi_1 m3_bmi_2 m3_bmi_3 f3_bmi f3_bmi_1 f3_bmi_2 f3_bmi_3 ;
```

Variable	Obs	Mean	Std. Dev.	Min	Max
m3_bmi	1470	27.26514	5.815592	13.11301	53.0155
m3_bmi_1	1455	27.23721	5.771371	13.11301	53.0155
m3_bmi_2	1440	27.05068	5.485206	13.11301	53.0155
m3_bmi_3	1461	27.14641	5.633526	13.11301	53.0155
f3_bmi	1477	26.5921	6.7984	15.61841	57.49634
f3_bmi_1	1451	26.59504	6.813007	15.61841	57.49634
f3_bmi_2	1444	26.5341	6.71475	15.61841	51.75875
f3_bmi_3	1475	26.55112	6.712822	15.61841	51.75875

```
. sum m3_bmi m3_bmi_1 m3_bmi_2 m3_bmi_3 f3_bmi f3_bmi_1 f3_bmi_2 f3_bmi_3 if
f3_pregnow ==
> 0 ;
```

Variable	Obs	Mean	Std. Dev.	Min	Max
m3_bmi	1371	27.22529	5.760676	13.11301	52.99345
m3_bmi_1	1356	27.19489	5.711919	13.11301	52.46269
m3_bmi_2	1341	26.99411	5.398075	13.11301	49.40889
m3_bmi_3	1362	27.09767	5.561809	13.11301	52.99345
f3_bmi	1376	26.3635	6.728804	15.61841	57.49634
f3_bmi_1	1352	26.37313	6.744799	15.61841	57.49634
f3_bmi_2	1345	26.30655	6.635559	15.61841	51.75875
f3_bmi_3	1374	26.31918	6.634286	15.61841	51.75875

```
. * weight cats *;
. sum m3_obese m3_overweight m3_normalweight m3_underweight f3_obese f3_overweight
f3_norma
> lweight f3_underweight ;
```

Variable	Obs	Mean	Std. Dev.	Min	Max
m3_obese	1470	.2707483	.4444975	0	1
m3_overwei~t	1470	.3285714	.4698536	0	1
m3_normalw~t	1470	.3809524	.4857862	0	1
m3_underwe~t	1470	.0197279	.139111	0	1

```

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```

Variable	Obs	Mean	Std. Dev.	Min	Max
f3_obese	1477	.2491537	.4326695	0	1
f3_overwei~t	1477	.2369668	.4253658	0	1
f3_normalw~t	1477	.4698714	.4992605	0	1
f3_underwe~t	1477	.0440081	.2051826	0	1

```

. sum m3_obese m3_overweight m3_normalweight m3_underweight f3_obese f3_overweight
f3_norm
> alweight f3_underweight if f3_pregnow == 0 ;

```

Variable	Obs	Mean	Std. Dev.	Min	Max
m3_obese	1371	.2676878	.4429155	0	1
m3_overwei~t	1371	.3304158	.4705345	0	1
m3_normalw~t	1371	.3836616	.4864545	0	1
m3_underwe~t	1371	.0182349	.1338485	0	1
f3_obese	1376	.2361919	.4248958	0	1
f3_overwei~t	1376	.2347384	.4239893	0	1
f3_normalw~t	1376	.4832849	.4999022	0	1
f3_underwe~t	1376	.0457849	.2090942	0	1

```

. ** physical attractiveness **;
. * Note: I have the same N for this as Carmalt et al 2008--which I should--this is
simply
> a verification that we have both prepared the data in the same way *;
. sum m3_physatt f3_physatt ;

```

Variable	Obs	Mean	Std. Dev.	Min	Max
m3_physatt	1507	3.443928	.7512769	1	5
f3_physatt	1507	3.629064	.8583807	1	5

```

. sum m3_physatt f3_physatt if f3_pregnow == 0 ;

```

Variable	Obs	Mean	Std. Dev.	Min	Max
m3_physatt	1405	3.443416	.7466695	1	5
f3_physatt	1405	3.63274	.8658173	1	5

```

. ** groomed **;
. * Note: I have the same N for this as Carmalt et al 2008--which I should--this is
simply
> a verification that we have both prepared the data in the same way *;
. sum m3_groomed f3_groomed ;

```

Variable	Obs	Mean	Std. Dev.	Min	Max
m3_groomed	1507	3.40146	.7243245	1	5
f3_groomed	1507	3.580624	.7700202	1	5

```

. sum m3_groomed f3_groomed if f3_pregnow == 0 ;

```

Variable	Obs	Mean	Std. Dev.	Min	Max
m3_groomed	1405	3.403559	.7251005	1	5
f3_groomed	1405	3.588612	.7717491	1	5

```

. recode m3_groomed 1/3=0 4/5=1, gen(m3_wellg) ;
(1507 differences between m3_groomed and m3_wellg)

```

```

. recode f3_groomed 1/3=0 4/5=1, gen(f3_wellg) ;
(1507 differences between f3_groomed and f3_wellg)

```

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```
. sum m3_wellg f3_wellg if f3_pregnow == 0 ;
```

Variable	Obs	Mean	Std. Dev.	Min	Max
m3_wellg	1405	.3950178	.4890286	0	1
f3_wellg	1405	.5081851	.500111	0	1

```
. ** years of edu **;
```

```
. * Note: I have the same N for this as Carmalt et al 2008--which I should--this is simply
```

```
> a verification that we have both prepared the data in the same way *;
```

```
. sum m3_yrsedu f3_yrsedu ;
```

Variable	Obs	Mean	Std. Dev.	Min	Max
m3_yrsedu	1506	12.73572	1.990145	7	21
f3_yrsedu	1507	12.95421	1.968855	6	20

```
. sum m3_yrsedu f3_yrsedu if f3_pregnow == 0 ;
```

Variable	Obs	Mean	Std. Dev.	Min	Max
m3_yrsedu	1404	12.77564	2.012493	7	21
f3_yrsedu	1405	12.98932	1.98693	6	20

```
. ** log of personal income **;
```

```
. * Note: Carmalt et al 2008 have more observations for ln income than I do - I think they
```

```
> use the "best guess" measure to fill in missing values. I'm sure I'm using the same bas
```

```
> ic variable they are - sect 15, question h3ec2. I have checked my work and I think I have
```

```
> the correct # of valid obs for this (without using other vars to fill in missing info).
```

```
> ;
```

```
. sum m3_ln_income f3_ln_income ;
```

Variable	Obs	Mean	Std. Dev.	Min	Max
m3_ln_income	1243	8.652888	2.752922	0	12.50618
f3_ln_income	1181	7.876143	2.985891	0	12.57764

```
. sum m3_ln_income f3_ln_income if f3_pregnow == 0 ;
```

Variable	Obs	Mean	Std. Dev.	Min	Max
m3_ln_income	1160	8.647076	2.765942	0	12.50618
f3_ln_income	1098	7.870894	2.977318	0	12.57764

```
. sum m3_income f3_income if f3_pregnow == 0 ;
```

Variable	Obs	Mean	Std. Dev.	Min	Max
m3_income	1160	19797.55	23159.25	0	270000
f3_income	1098	11910.97	18035.35	0	290000

```
. ** AH_PVT **;
```

```
. * Note: I do NOT have the same N for this as Carmalt et al 2008 - I have a larger N. Aga
```

```
> in, I checked my work and do not see any sources of error. *;
```

```
. sum m3_ahpvt f3_ahpvt ;
```

```
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Variable	Obs	Mean	Std. Dev.	Min	Max
m3_ahpvt	1449	50.71153	29.18113	0	100
f3_ahpvt	1457	47.99108	29.70381	0	100

```
. sum m3_ahpvt f3_ahpvt if f3_pregnow == 0 ;
```

Variable	Obs	Mean	Std. Dev.	Min	Max
m3_ahpvt	1352	51.23743	29.28285	0	100
f3_ahpvt	1356	48.4823	29.8135	0	100

```
. ** personality attractiveness **;
```

```
. * Note: I have the same N for this as Carmalt et al 2008--which I should--this is simply
```

```
> a verification that we have both prepared the data in the same way *;
```

```
. sum m3_peratt f3_peratt ;
```

Variable	Obs	Mean	Std. Dev.	Min	Max
m3_peratt	1507	3.605839	.795851	1	5
f3_peratt	1507	3.79363	.8471571	1	5

```
. sum m3_peratt f3_peratt if f3_pregnow == 0 ;
```

Variable	Obs	Mean	Std. Dev.	Min	Max
m3_peratt	1405	3.607829	.7866921	1	5
f3_peratt	1405	3.792883	.8509793	1	5

```
. recode m3_peratt 1/3=0 4/5=1, gen(m3_attp) ;  
(1507 differences between m3_peratt and m3_attp)
```

```
. recode f3_peratt 1/3=0 4/5=1, gen(f3_attp) ;  
(1507 differences between f3_peratt and f3_attp)
```

```
. sum m3_attp f3_attp if f3_pregnow == 0 ;
```

Variable	Obs	Mean	Std. Dev.	Min	Max
m3_attp	1405	.5288256	.4993461	0	1
f3_attp	1405	.630605	.4828129	0	1

```
. ** emotional supportiveness **;
```

```
. sum m3_rmood m3_laugh m3_frsta f3_rmood f3_laugh f3_frsta ;
```

Variable	Obs	Mean	Std. Dev.	Min	Max
m3_rmood	1406	2.907539	1.201417	0	4
m3_laugh	1455	2.200687	1.388051	0	4
m3_frsta	1400	2.252857	1.146362	0	4
f3_rmood	1421	2.94159	1.186827	0	4
f3_laugh	1470	2.072789	1.424576	0	4
f3_frsta	1417	1.897671	1.051688	0	4

```
. gen m3_emosup = m3_rmood + m3_laugh + m3_frsta ;  
(124 missing values generated)
```

```
. gen f3_emosup = f3_rmood + f3_laugh + f3_frsta ;  
(108 missing values generated)
```

```
. * Note: I do NOT have the same N for this as Carmalt et al 2008 - I have a  
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```

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```

smaller N. T
> he reason that I have a smaller N is because they ignore missing data. They sum
r mood, 1
> augh, and frsta to create an index with values from 0 to 12. But when data are
missing t
> hey still sum it even though this would give an inaccurately low emosup score (0
to 8 or
> 0 to 4, depending if 1 or 2 variables are missing). Their Ns (1304 for females
and 1293
> for females) are the Ns for non-missing on at least one of the 3 variables. My Ns
are no
> n-missing on all 3. So neither of us made an error in constructing this but we
differ in
> how we choose to deal with missing data. ;
. sum m3_emosup f3_emosup ;

```

Variable	Obs	Mean	Std. Dev.	Min	Max
m3_emosup	1383	7.31598	2.687932	0	12
f3_emosup	1399	6.867048	2.491369	0	12

```

. sum m3_emosup f3_emosup if f3_pregnow == 0 ;

```

Variable	Obs	Mean	Std. Dev.	Min	Max
m3_emosup	1289	7.318076	2.680964	0	12
f3_emosup	1301	6.873174	2.492462	0	12

```

. ** age **;
. * Note: I do have the same N for this as Carmalt et al 2008 - but we have very
slightly di
> fferent means. The variable calcage3 is a prepared variable provided by Add
Health. Perh
> aps Carmalt et al 2008 used information on birthdate and interview date to
estimate age?
> *;
. sum m3_calcage3 f3_calcage3 ;

```

Variable	Obs	Mean	Std. Dev.	Min	Max
m3_calcage3	1507	23.48109	3.302401	18	43
f3_calcage3	1507	21.85136	2.373871	18	40

```

. sum m3_calcage3 f3_calcage3 if f3_pregnow == 0 ;

```

Variable	Obs	Mean	Std. Dev.	Min	Max
m3_calcage3	1405	23.46833	3.289654	18	43
f3_calcage3	1405	21.86263	2.379651	18	40

```

. ** race groups **;
. * Note: I do NOT have the same N for this as Carmalt et al 2008 - I have a larger
N becau
> se I use interviewer's report to fill in missing values. Again, neither of us did
anythin
> g wrong. We just deal with missing values differently. *;
. sum m3_white m3_black m3_otall m3_hisp f3_white f3_black f3_otall f3_hisp ;

```

Variable	Obs	Mean	Std. Dev.	Min	Max
m3_white	1507	.6874585	.463683	0	1
m3_black	1507	.194426	.3958896	0	1
m3_otall	1507	.1181155	.3228519	0	1

```

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m3_hisp | 1506 .1593625 .3661354 0 1
f3_white | 1507 .7027206 .4572123 0 1
-----
f3_black | 1507 .1725282 .3779643 0 1
f3_otall | 1507 .1247512 .3305462 0 1
f3_hisp | 1506 .1540505 .361117 0 1

. sum m3_white m3_black m3_otall m3_hisp f3_white f3_black f3_otall f3_hisp if
f3_pregnow
> == 0 ;

```

Variable	Obs	Mean	Std. Dev.	Min	Max
m3_white	1405	.6896797	.4627894	0	1
m3_black	1405	.194306	.3958064	0	1
m3_otall	1405	.1160142	.320356	0	1
m3_hisp	1404	.1566952	.3636426	0	1
f3_white	1405	.7032028	.457009	0	1
f3_black	1405	.1736655	.3789565	0	1
f3_otall	1405	.1231317	.3287053	0	1
f3_hisp	1404	.1502849	.3574778	0	1

```

. * relationship duration *;
. * Note: I do NOT have the same N for this as Carmalt et al 2008 - I have a much
smaller N
> - but don't see how they could have done any different assuming that we are using
the sam
> e underlying measure. *;
. sum m3_rdur f3_rdur ;

```

Variable	Obs	Mean	Std. Dev.	Min	Max
m3_rdur	1191	38.54156	26.94878	0	130
f3_rdur	1280	38.50547	26.78732	-3	170

```

. sum m3_rdur f3_rdur if f3_pregnow == 0 ;

```

Variable	Obs	Mean	Std. Dev.	Min	Max
m3_rdur	1107	38.63686	26.6854	0	130
f3_rdur	1184	38.59459	26.70549	-3	170

```

. replace m3_rdur = . if m3_rdur < 0 ;
(0 real changes made)

```

```

. replace f3_rdur = . if f3_rdur < 0 ;
(1 real change made, 1 to missing)

```

```

. sum m3_rdur f3_rdur ;

```

Variable	Obs	Mean	Std. Dev.	Min	Max
m3_rdur	1191	38.54156	26.94878	0	130
f3_rdur	1279	38.53792	26.77262	0	170

```

. sum m3_rdur f3_rdur if f3_pregnow == 0 ;

```

Variable	Obs	Mean	Std. Dev.	Min	Max
m3_rdur	1107	38.63686	26.6854	0	130
f3_rdur	1183	38.62975	26.68935	0	170

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```
. * marital status *;
. * Note: I do have ~the same N for this as Carmalt et al 2008 *;
. sum c3_marital c3_dating c3_cohab c3_married f3_nowmrd f3_nowchb m3_nowmrd
m3_nowchb ;
```

Variable	Obs	Mean	Std. Dev.	Min	Max
c3_marital	1366	1.934846	.8215064	1	3
c3_dating	1366	.306735	.4613073	0	1
c3_cohab	1366	.3213763	.4671759	0	1
c3_married	1366	.3718887	.4834859	0	1
f3_nowmrd	1505	.351495	.4775959	0	1
f3_nowchb	1505	.330897	.4706925	0	1
m3_nowmrd	1506	.3539177	.4783429	0	1
m3_nowchb	1506	.3339973	.4717954	0	1

```
. sum c3_marital c3_dating c3_cohab c3_married f3_nowmrd f3_nowchb m3_nowmrd
m3_nowchb if f
> 3_pregnow == 0 ;
```

Variable	Obs	Mean	Std. Dev.	Min	Max
c3_marital	1281	1.967994	.8204837	1	3
c3_dating	1281	.3208431	.4669829	0	1
c3_cohab	1281	.3263076	.4690444	0	1
c3_married	1281	.3528493	.478043	0	1
f3_nowmrd	1403	.3357092	.4724062	0	1
f3_nowchb	1403	.3328582	.4714043	0	1
m3_nowmrd	1404	.3354701	.4723228	0	1
m3_nowchb	1404	.3397436	.4737908	0	1

```
. gen f3_marital = f3_nowmrd ;
(2 missing values generated)
```

```
. * marriage trumps cohabitation ;
. replace f3_marital = 2 if f3_nowchb == 1 & f3_marital ~= 1 ;
(498 real changes made)
```

```
. * if missing, use partner's information ;
. replace f3_marital = 1 if m3_nowmrd == 1 & (f3_marital == . | f3_marital == 0);
(8 real changes made)
```

```
. replace f3_marital = 2 if m3_nowchb == 1 & (f3_marital == . | f3_marital == 0);
(52 real changes made)
```

```
. gen m3_marital = m3_nowmrd ;
(1 missing value generated)
```

```
. * marriage trumps cohabitation ;
. replace m3_marital = 2 if m3_nowchb == 1 & m3_marital ~= 1 ;
(503 real changes made)
```

```
. * if missing, use partner's information ;
. replace m3_marital = 1 if f3_nowmrd == 1 & (m3_marital == . | m3_marital == 0);
(9 real changes made)
```

```
. replace m3_marital = 2 if f3_nowchb == 1 & (m3_marital == . | m3_marital == 0);
(42 real changes made)
```

```
. * for the most part, they agree--as they ought to ;
. tab1 f3_marital m3_marital ;
```

program1--prepare data.log

-> tabulation of f3_marital

f3_marital	Freq.	Percent	Cum.
0	420	27.87	27.87
1	537	35.63	63.50
2	550	36.50	100.00
Total	1,507	100.00	

-> tabulation of m3_marital

m3_marital	Freq.	Percent	Cum.
0	419	27.82	27.82
1	542	35.99	63.81
2	545	36.19	100.00
Total	1,506	100.00	

. tab1 f3_marital m3_marital if f3_pregnow == 0 ;

-> tabulation of f3_marital if f3_pregnow == 0

f3_marital	Freq.	Percent	Cum.
0	412	29.32	29.32
1	478	34.02	63.35
2	515	36.65	100.00
Total	1,405	100.00	

-> tabulation of m3_marital if f3_pregnow == 0

m3_marital	Freq.	Percent	Cum.
0	411	29.27	29.27
1	479	34.12	63.39
2	514	36.61	100.00
Total	1,404	100.00	

. drop f3_now* ;

. * if not married or cohabiting then dating ;

. replace f3_marital = 3 if f3_marital == 0 ;
(420 real changes made)

. recode f3_marital 1=1 2/3=0, gen(f3_married) ;
(970 differences between f3_marital and f3_married)

. recode f3_marital 1=0 2=1 3=0, gen(f3_cohab) ;
(1507 differences between f3_marital and f3_cohab)

. recode f3_marital 1/2=0 3=1, gen(f3_dating) ;
(1507 differences between f3_marital and f3_dating)

. tab f3_marital ;

f3_marital	Freq.	Percent	Cum.
1	537	35.63	35.63

program1--prepare data.log

2	550	36.50	72.13
3	420	27.87	100.00
Total	1,507	100.00	

. sum f3_married f3_cohab f3_dating ;

Variable	Obs	Mean	Std. Dev.	Min	Max
f3_married	1507	.3563371	.4790754	0	1
f3_cohab	1507	.3649635	.4815797	0	1
f3_dating	1507	.2786994	.4485081	0	1

. drop m3_now* ;

. * if not married or cohabiting then dating ;
 . replace m3_marital = 3 if m3_marital == 0 ;
 (419 real changes made)

. *tab f3_marital m3_marital, miss ;
 . replace m3_marital=f3_marital if m3_marital==. ;
 (1 real change made)

. recode m3_marital 1=1 2/3=0, gen(m3_married) ;
 (965 differences between m3_marital and m3_married)

. recode m3_marital 1=0 2=1 3=0, gen(m3_cohab) ;
 (1507 differences between m3_marital and m3_cohab)

. recode m3_marital 1/2=0 3=1, gen(m3_dating) ;
 (1507 differences between m3_marital and m3_dating)

. tab m3_marital ;

m3_marital	Freq.	Percent	Cum.
1	542	35.97	35.97
2	545	36.16	72.13
3	420	27.87	100.00
Total	1,507	100.00	

. sum m3_married m3_cohab m3_dating ;

Variable	Obs	Mean	Std. Dev.	Min	Max
m3_married	1507	.3596549	.4800585	0	1
m3_cohab	1507	.3616457	.4806364	0	1
m3_dating	1507	.2786994	.4485081	0	1

. label values f3_marital marital ;

. label values m3_marital marital ;

. tab1 m3_marital f3_marital ;

-> tabulation of m3_marital

m3_marital	Freq.	Percent	Cum.
married	542	35.97	35.97
cohabiting	545	36.16	72.13
dating	420	27.87	100.00

program1--prepare data.log

Total	1,507	100.00
-------	-------	--------

-> tabulation of f3_marital

f3_marital	Freq.	Percent	Cum.
married	537	35.63	35.63
cohabiting	550	36.50	72.13
dating	420	27.87	100.00
Total	1,507	100.00	

. sum m3_married m3_cohab m3_dating f3_married f3_cohab f3_dating ;

Variable	Obs	Mean	Std. Dev.	Min	Max
m3_married	1507	.3596549	.4800585	0	1
m3_cohab	1507	.3616457	.4806364	0	1
m3_dating	1507	.2786994	.4485081	0	1
f3_married	1507	.3563371	.4790754	0	1
f3_cohab	1507	.3649635	.4815797	0	1
f3_dating	1507	.2786994	.4485081	0	1

. sum m3_married m3_cohab m3_dating f3_married f3_cohab f3_dating if f3_pregnow == 0 ;

Variable	Obs	Mean	Std. Dev.	Min	Max
m3_married	1405	.3409253	.4741891	0	1
m3_cohab	1405	.3658363	.4818354	0	1
m3_dating	1405	.2932384	.4554089	0	1
f3_married	1405	.3402135	.4739495	0	1
f3_cohab	1405	.366548	.4820331	0	1
f3_dating	1405	.2932384	.4554089	0	1

. * check race variables and make categorical vars ;
 . sum m3_white m3_black m3_other m3_asian m3_amind m3_hisp ;

Variable	Obs	Mean	Std. Dev.	Min	Max
m3_white	1507	.6874585	.463683	0	1
m3_black	1507	.194426	.3958896	0	1
m3_other	1507	.0119443	.1086712	0	1
m3_asian	1507	.0690113	.2535575	0	1
m3_amind	1507	.0205707	.1419891	0	1
m3_hisp	1506	.1593625	.3661354	0	1

. gen checkm=m3_white+m3_black+m3_other+m3_asian+m3_amind ;

. tab checkm ;

checkm	Freq.	Percent	Cum.
0	29	1.92	1.92
1	1,474	97.81	99.73
2	4	0.27	100.00
Total	1,507	100.00	

```
. *tab checkm m3_hisp, miss ;
. drop checkm ;

. gen m3_race3 = 1 if m3_white==1 ;
(471 missing values generated)

. replace m3_race3 = 2 if m3_black==1 ;
(293 real changes made)

. replace m3_race3 = 3 if m3_hisp==1 | m3_other==1 | m3_amind==1 | m3_asian==1 ;
(348 real changes made)

. tab m3_race3, miss ;
```

m3_race3	Freq.	Percent	Cum.
1	873	57.93	57.93
2	278	18.45	76.38
3	348	23.09	99.47
.	8	0.53	100.00
Total	1,507	100.00	

```
. gen m3_race4 = 1 if m3_white==1 ;
(471 missing values generated)

. replace m3_race4 = 2 if m3_black==1 ;
(293 real changes made)

. replace m3_race4 = 3 if m3_hisp==1 ;
(240 real changes made)

. replace m3_race4 = 4 if m3_other==1 | m3_amind==1 | m3_asian==1 ;
(153 real changes made)

. tab m3_race4, miss ;
```

m3_race4	Freq.	Percent	Cum.
1	873	57.93	57.93
2	278	18.45	76.38
3	195	12.94	89.32
4	153	10.15	99.47
.	8	0.53	100.00
Total	1,507	100.00	

```
. drop m3_other m3_white m3_black m3_asian m3_amind m3_hisp ;

. recode m3_race4 1=1 2/4=0, gen(m3_white) ;
(626 differences between m3_race4 and m3_white)

. recode m3_race4 1=0 2=1 3/4=0, gen(m3_black) ;
(1499 differences between m3_race4 and m3_black)

. recode m3_race4 1/2=0 3=1 4=0, gen(m3_hisp) ;
(1499 differences between m3_race4 and m3_hisp)

. recode m3_race4 1/3=0 4=1, gen(m3_other) ;
(1499 differences between m3_race4 and m3_other)

. tab m3_race4 ;
```

```

program1--prepare data.log

```

m3_race4	Freq.	Percent	Cum.
1	873	58.24	58.24
2	278	18.55	76.78
3	195	13.01	89.79
4	153	10.21	100.00
Total	1,499	100.00	

```

. sum m3_white m3_black m3_hisp m3_other ;

```

Variable	Obs	Mean	Std. Dev.	Min	Max
m3_white	1499	.5823883	.49333	0	1
m3_black	1499	.185457	.3887975	0	1
m3_hisp	1499	.1300867	.3365111	0	1
m3_other	1499	.102068	.3028388	0	1

```

. gen checkm=m3_white+m3_black+m3_hisp+m3_other ;
(8 missing values generated)

```

```

. tab checkm ;

```

checkm	Freq.	Percent	Cum.
1	1,499	100.00	100.00
Total	1,499	100.00	

```

. drop checkm ;

```

```

. sum f3_white f3_black f3_other f3_asian f3_amind f3_hisp ;

```

Variable	Obs	Mean	Std. Dev.	Min	Max
f3_white	1507	.7027206	.4572123	0	1
f3_black	1507	.1725282	.3779643	0	1
f3_other	1507	.0172528	.1302552	0	1
f3_asian	1507	.0683477	.2524254	0	1
f3_amind	1507	.0318514	.1756625	0	1
f3_hisp	1506	.1540505	.361117	0	1

```

. gen checkf=f3_white+f3_black+f3_other+f3_asian+f3_amind ;

```

```

. *tab checkf ;
. *tab checkf f3_hisp, miss ;
. drop checkf ;

```

```

. gen f3_race3 = 1 if f3_white==1 ;
(448 missing values generated)

```

```

. replace f3_race3 = 2 if f3_black==1 ;
(260 real changes made)

```

```

. replace f3_race3 = 3 if f3_hisp==1 | f3_other==1 | f3_amind==1 | f3_asian==1 ;
(361 real changes made)

```

```

. *tab f3_race3, miss ;
. gen f3_race4 = 1 if f3_white==1 ;
(448 missing values generated)

```

```

. replace f3_race4 = 2 if f3_black==1 ;

```

program1--prepare data.log

(260 real changes made)

```
. replace f3_race4 = 3 if f3_hisp==1 ;
(232 real changes made)
```

```
. replace f3_race4 = 4 if f3_other==1 | f3_amind==1 | f3_asian==1 ;
(177 real changes made)
```

```
. *tab f3_race4, miss ;
. drop f3_other f3_white f3_black f3_asian f3_amind f3_hisp ;
```

```
. recode f3_race4 1=1 2/4=0, gen(f3_white) ;
(610 differences between f3_race4 and f3_white)
```

```
. recode f3_race4 1=0 2=1 3/4=0, gen(f3_black) ;
(1506 differences between f3_race4 and f3_black)
```

```
. recode f3_race4 1/2=0 3=1 4=0, gen(f3_hisp) ;
(1506 differences between f3_race4 and f3_hisp)
```

```
. recode f3_race4 1/3=0 4=1, gen(f3_other) ;
(1506 differences between f3_race4 and f3_other)
```

```
. tab f3_race4 ;
```

f3_race4	Freq.	Percent	Cum.
1	896	59.50	59.50
2	249	16.53	76.03
3	184	12.22	88.25
4	177	11.75	100.00
Total	1,506	100.00	

```
. sum f3_white f3_black f3_hisp f3_other ;
```

Variable	Obs	Mean	Std. Dev.	Min	Max
f3_white	1506	.5949535	.4910641	0	1
f3_black	1506	.1653386	.3716093	0	1
f3_hisp	1506	.122178	.3276	0	1
f3_other	1506	.1175299	.3221576	0	1

```
. gen checkm=f3_white+f3_black+f3_hisp+f3_other ;
(1 missing value generated)
```

```
. tab checkm ;
```

checkm	Freq.	Percent	Cum.
1	1,506	100.00	100.00
Total	1,506	100.00	

```
. drop checkm ;
```

```
. tab m3_race3 f3_race3 ;
```

m3_race3	f3_race3			Total
	1	2	3	
1	777	15	80	872
2	28	222	28	278

	3	86	12	250	348
Total		891	249	358	1,498

```
. *tab m3_race4 f3_race4 ;
. * citizenship--a reviewer wanted it *;
. pwcorr m3_citizen f3_citizen, sig ;
```

	m3_cit~n	f3_cit~n
m3_citizen	1.0000	
f3_citizen	0.2799	1.0000
	0.0000	

```
. tab m3_citizen f3_citizen, chi2 ;
```

US citizen, born/attained	US citizen, born/attained		Total
	No	Yes	
No	18	42	60
Yes	39	1,408	1,447
Total	57	1,450	1,507

Pearson chi2(1) = 118.0231 Pr = 0.000

```
. * weight category *;
. * make weight cat var *;
. label define weightcat
> 1 underweight
> 2 normalweight
> 3 overweight
> 4 obese ;

. foreach p in f3 m3 { ;
2. gen `p'_weightcat = `p'_underweight ;
3. replace `p'_weightcat = 2 if `p'_normalweight == 1 ;
4. replace `p'_weightcat = 3 if `p'_overweight == 1 ;
5. replace `p'_weightcat = 4 if `p'_obese == 1 ;
6. label values `p'_weightcat weightcat ;
7. label var `p'_weightcat "weight category" ;
8. tab `p'_weightcat ;
9. table `p'_weightcat, contents(min `p'_bmi mean `p'_bmi max `p'_bmi) ;
10. } ;
(30 missing values generated)
(694 real changes made)
(350 real changes made)
(368 real changes made)
```

weight category	Freq.	Percent	Cum.
underweight	65	4.40	4.40
normalweight	694	46.99	51.39
overweight	350	23.70	75.08
obese	368	24.92	100.00

Total | 1,477 program1--prepare data.log
100.00

weight category	min(f3_bmi)	mean(f3_bmi)	max(f3_bmi)
underweight	15.61841	17.67372	18.4945
normalweight	18.50755	21.94365	24.99556
overweight	25.01492	27.20606	29.9503
obese	30.03349	36.3498	57.49634

(37 missing values generated)
(560 real changes made)
(483 real changes made)
(398 real changes made)

weight category	Freq.	Percent	Cum.
underweight	29	1.97	1.97
normalweight	560	38.10	40.07
overweight	483	32.86	72.93
obese	398	27.07	100.00
Total	1,470	100.00	

weight category	min(m3_bmi)	mean(m3_bmi)	max(m3_bmi)
underweight	13.11301	17.22868	18.5
normalweight	18.50755	22.42917	24.99878
overweight	25.00941	27.26164	29.98986
obese	30.01173	34.80506	53.0155

```
. sum
> f3_bmi m3_bmi f3_bmi_3 m3_bmi_3
> f3_ln_income m3_ln_income
> f3_yrsedu m3_yrsedu
> f3_ee_cgrdp m3_ee_cgrdp
> f3_ahpvt m3_ahpvt
> f3_calcage3 m3_calcage3
> f3_race3 f3_white f3_black f3_other m3_race3 m3_white m3_black m3_other
> f3_emosup m3_emosup
> f3_rdur m3_rdur
> f3_marital f3_married f3_cohab f3_dating m3_marital m3_married m3_cohab m3_dating

> f3_pregnow
> m1_dad_hh7 f1_dad_hh7 m1_mom_hh7 f1_mom_hh7 m3_hh7 f3_hh7 f4_hh7 m4_hh7
> m3_sei f3_sei m4_sei f4_sei f1_dad_sei m1_dad_sei
> ;
```

Variable	Obs	Mean	Std. Dev.	Min	Max
f3_bmi	1477	26.5921	6.7984	15.61841	57.49634
m3_bmi	1470	27.26514	5.815592	13.11301	53.0155
f3_bmi_3	1475	26.55112	6.712822	15.61841	51.75875
m3_bmi_3	1461	27.14641	5.633526	13.11301	53.0155
f3_ln_income	1181	7.876143	2.985891	0	12.57764
m3_ln_income	1243	8.652888	2.752922	0	12.50618
f3_yrsedu	1507	12.95421	1.968855	6	20

```

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```

m3_yrsedu	1506	12.73572	1.990145	7	21
f3_ee_cgrdp	1506	.2722444	.4452629	0	1
m3_ee_cgrdp	1504	.2207447	.4148866	0	1

f3_ahpvt	1457	47.99108	29.70381	0	100
m3_ahpvt	1449	50.71153	29.18113	0	100
f3_calcage3	1507	21.85136	2.373871	18	40
m3_calcage3	1507	23.48109	3.302401	18	43
f3_race3	1506	1.644754	.8419814	1	3

f3_white	1506	.5949535	.4910641	0	1
f3_black	1506	.1653386	.3716093	0	1
f3_other	1506	.1175299	.3221576	0	1
m3_race3	1499	1.649767	.8320706	1	3
m3_white	1499	.5823883	.49333	0	1

m3_black	1499	.185457	.3887975	0	1
m3_other	1499	.102068	.3028388	0	1
f3_emosup	1399	6.867048	2.491369	0	12
m3_emosup	1383	7.31598	2.687932	0	12
f3_rdur	1279	38.53792	26.77262	0	170

m3_rdur	1191	38.54156	26.94878	0	130
f3_marital	1507	1.922362	.7933641	1	3
f3_married	1507	.3563371	.4790754	0	1
f3_cohab	1507	.3649635	.4815797	0	1
f3_dating	1507	.2786994	.4485081	0	1

m3_marital	1507	1.919044	.7951227	1	3
m3_married	1507	.3596549	.4800585	0	1
m3_cohab	1507	.3616457	.4806364	0	1
m3_dating	1507	.2786994	.4485081	0	1
f3_pregnow	1507	.0676841	.2512865	0	1

m1_dad_hh7	893	3.889698	1.747158	1	7
f1_dad_hh7	854	3.870609	1.72763	1	7
m1_mom_hh7	896	4.589844	1.630717	1	7
f1_mom_hh7	940	4.482447	1.666388	1	7
m3_hh7	1130	3.706637	1.567213	1	7

f3_hh7	961	4.316337	1.406211	1	7
f4_hh7	721	4.561026	1.380828	1	7
m4_hh7	590	3.867797	1.660327	1	7
m3_sei	1119	38.11956	21.45609	4	90
f3_sei	957	45.05613	20.87376	8	96

m4_sei	591	40.26733	22.90035	4.563125	93
f4_sei	730	47.28353	21.54258	6	93
f1_dad_sei	1325	25.5532	24.71666	0	69.96645
m1_dad_sei	1348	26.45865	24.99525	0	69.96645

```

. tab1
> f3_physatt m3_physatt f3_peratt m3_peratt f3_groomed m3_groomed
> f3_underweight m3_underweight f3_normalweight m3_normalweight f3_overweight
m3_overweigh
> t f3_obese m3_obese ;

```

```

-> tabulation of f3_physatt

```

f3_physatt	Freq.	Percent	Cum.
1	27	1.79	1.79
2	60	3.98	5.77

3	596	39.55	45.32
4	586	38.89	84.21
5	238	15.79	100.00

Total	1,507	100.00	

-> tabulation of m3_physatt

W3 - Interviewer-rated physical attractiveness	Freq.	Percent	Cum.
Very unattractive	15	1.00	1.00
Unattractive	70	4.64	5.64
About average	777	51.56	57.20
Attractive	521	34.57	91.77
Very Attractive	124	8.23	100.00

Total	1,507	100.00	

-> tabulation of f3_peratt

f3_peratt	Freq.	Percent	Cum.
1	25	1.66	1.66
2	21	1.39	3.05
3	515	34.17	37.23
4	625	41.47	78.70
5	321	21.30	100.00

Total	1,507	100.00	

-> tabulation of m3_peratt

W3 - Interviewer-rated personality attractiveness	Freq.	Percent	Cum.
Very unattractive	15	1.00	1.00
Unattractive	50	3.32	4.31
About average	651	43.20	47.51
Attractive	589	39.08	86.60
Very Attractive	202	13.40	100.00

Total	1,507	100.00	

-> tabulation of f3_groomed

f3_groomed	Freq.	Percent	Cum.
1	9	0.60	0.60
2	53	3.52	4.11
3	682	45.26	49.37
4	580	38.49	87.86
5	183	12.14	100.00

Total	1,507	100.00	

-> tabulation of m3_groomed

W3 - |

program1--prepare data.log

Interviewer-Rated Grooming	Freq.	Percent	Cum.
Very Poorly Groomed	11	0.73	0.73
Poorly Groomed	72	4.78	5.51
About Average	834	55.34	60.85
Well Groomed	481	31.92	92.77
Very well Groomed	109	7.23	100.00
Total	1,507	100.00	

-> tabulation of f3_underweight

f3_underweight	Freq.	Percent	Cum.
0	1,412	95.60	95.60
1	65	4.40	100.00
Total	1,477	100.00	

-> tabulation of m3_underweight

m3_underweight	Freq.	Percent	Cum.
0	1,441	98.03	98.03
1	29	1.97	100.00
Total	1,470	100.00	

-> tabulation of f3_normalweight

f3_normalweight	Freq.	Percent	Cum.
0	783	53.01	53.01
1	694	46.99	100.00
Total	1,477	100.00	

-> tabulation of m3_normalweight

m3_normalweight	Freq.	Percent	Cum.
0	910	61.90	61.90
1	560	38.10	100.00
Total	1,470	100.00	

-> tabulation of f3_overweight

f3_overweight	Freq.	Percent	Cum.
0	1,127	76.30	76.30
1	350	23.70	100.00
Total	1,477	100.00	

-> tabulation of m3_overweight

m3_overweig ht	Freq.	Percent	Cum.
0	987	67.14	67.14
1	483	32.86	100.00
Total	1,470	100.00	

-> tabulation of f3_obese

f3_obese	Freq.	Percent	Cum.
0	1,109	75.08	75.08
1	368	24.92	100.00
Total	1,477	100.00	

-> tabulation of m3_obese

m3_obese	Freq.	Percent	Cum.
0	1,072	72.93	72.93
1	398	27.07	100.00
Total	1,470	100.00	

. * The code below allows me to identify which information was imputed for these variables

```

> ;
. gen f3_miss_rdur = 0 if f3_rdur ~= . ;
(228 missing values generated)

. replace f3_miss_rdur = 1 if f3_rdur == . ;
(228 real changes made)

. gen m3_miss_rdur = 0 if m3_rdur ~= . ;
(316 missing values generated)

. replace m3_miss_rdur = 1 if m3_rdur == . ;
(316 real changes made)

. gen c3_miss_rdur = 0 if m3_rdur ~= . | f3_rdur ~= . ;
(69 missing values generated)

. replace c3_miss_rdur = 1 if m3_rdur == . & f3_rdur == . ;
(69 real changes made)

. gen f3_vfat = 0 if f3_bmi ~= . ;
(30 missing values generated)

. replace f3_vfat = 1 if f3_bmi ~= . & (f3_bmi > f3_bmi_3) ;
(1 real change made)

. sum f3_bmi f3_bmi_3 f3_vfat ;

```

Variable	Obs	Mean	Std. Dev.	Min	Max
f3_bmi	1477	26.5921	6.7984	15.61841	57.49634
f3_bmi_3	1475	26.55112	6.712822	15.61841	51.75875
f3_vfat	1477	.000677	.0260201	0	1

```

. gen m3_vfat = 0 if m3_bmi ~= . ;
(37 missing values generated)

```

program1--prepare data.log

```
. replace m3_vfat = 1 if m3_bmi ~= . & (m3_bmi > m3_bmi_3) ;
(3 real changes made)
```

```
. sum m3_bmi m3_bmi_3 m3_vfat ;
```

Variable	Obs	Mean	Std. Dev.	Min	Max
m3_bmi	1470	27.26514	5.815592	13.11301	53.0155
m3_bmi_3	1461	27.14641	5.633526	13.11301	53.0155
m3_vfat	1470	.0020408	.0451446	0	1

```
. foreach l in m f { ;
2. foreach p in mom dad { ;
3. recode `l'1_`p'_edu 1/3=0 4=1, gen(`l'1_`p'_cg) ;
4. } ;
5. } ;
```

```
(674 differences between m1_mom_edu and m1_mom_cg)
(564 differences between m1_dad_edu and m1_dad_cg)
(795 differences between f1_mom_edu and f1_mom_cg)
(672 differences between f1_dad_edu and f1_dad_cg)
```

```
. recode f4_edu5 1/3=0 4/5=1, gen(f4_cgp) ;
(749 differences between f4_edu5 and f4_cgp)
```

```
. recode m4_edu5 1/3=0 4/5=1, gen(m4_cgp) ;
(601 differences between m4_edu5 and m4_cgp)
```

```
. ***** Impute data *****;
```

```
. keep
```

```
> aid f3_partner
```

```
> c3_sameint *intedu *intid *intrace
```

```
> f3_physatt m3_physatt f3_peratt m3_peratt f3_groomed m3_groomed f3_attract
m3_attract
```

```
> f3_bmi_3 m3_bmi_3
```

```
> f3_ln_income m3_ln_income f3_income m3_income
```

```
> f3_yrsedu m3_yrsedu
```

```
> f3_ee_cgrdp m3_ee_cgrdp
```

```
> f3_ahpvt m3_ahpvt
```

```
> f3_calcage3 m3_calcage3
```

```
> f3_race4 f3_white f3_black f3_hisp f3_other m3_race4 m3_white m3_black m3_hisp
m3_other
```

```
> f3_emosup m3_emosup
```

```
> f3_rdur m3_rdur
```

```
> f3_marital f3_married f3_cohab f3_dating m3_marital m3_married m3_cohab m3_dating
```

```
> f3_pregnow
```

```
> m1_dad_hh7 f1_dad_hh7 m1_mom_hh7 f1_mom_hh7 m3_hh7 f3_hh7 f4_hh7 m4_hh7
```

```
> m1_dad_edu f1_dad_edu m1_mom_edu f1_mom_edu f1_hshld_inc m1_hshld_inc
```

```
> f2_gpa m2_gpa
```

```
> f3_citizen m3_citizen
```

```
> f3_cesd9 m3_cesd9 f3_diagdep m3_diagdep f3_health m3_health
```

```
> m3_sei m3_npboss90
```

```
> f3_sei f3_npboss90
```

```
> m4_sei m4_npboss90
```

```
> f4_sei f4_npboss90
```

```
> f1_dad_sei f1_dad_npboss90
```

```
> m1_dad_sei m1_dad_npboss90
```

```
> f4_inc m4_inc
```

```
> f4_edu5 m4_edu5
```

```
> f3_inschl3 m3_inschl3
```

```
> f3_trdgr m3_trdgr
```

```
> ;
```

program1--prepare data.log

. sum ;

Variable	Obs	Mean	Std. Dev.	Min	Max
aid	0				
f3_rdur	1279	38.53792	26.77262	0	170
m3_rdur	1191	38.54156	26.94878	0	130
m3_physatt	1507	3.443928	.7512769	1	5
m3_peratt	1507	3.605839	.795851	1	5
m3_groomed	1507	3.40146	.7243245	1	5
m3_attract	1470	3.052381	.7673417	1	4
m1_mom_edu	674	2.571217	.9714204	1	4
m1_dad_edu	564	2.691489	.9576458	1	4
m1_hshld_inc	544	46.19301	45.4999	0	500
m3_calcage3	1507	23.48109	3.302401	18	43
m3_bmi_3	1461	27.14641	5.633526	13.11301	53.0155
m3_yrsedu	1506	12.73572	1.990145	7	21
m4_edu5	601	2.863561	1.038277	1	5
m3_income	1243	19694.42	22654.03	0	270000
m4_inc	586	44322.59	46406.28	0	619800
m3_inschl3	1506	.2934927	.5777009	0	2
m3_ee_cgrdp	1504	.2207447	.4148866	0	1
m3_trdgrd	1371	3.164114	1.331284	1	5
m2_gpa	449	2.599666	.7742319	1	4
m3_ahpvt	1449	50.71153	29.18113	0	100
m3_cesd9	1498	5.899199	2.989827	0	24
m3_diagdep	1504	.0658245	.2480575	0	1
m1_dad_hh7	893	3.889698	1.747158	1	7
m1_mom_hh7	896	4.589844	1.630717	1	7
m3_hh7	1130	3.706637	1.567213	1	7
m4_hh7	590	3.867797	1.660327	1	7
m3_sei	1119	38.11956	21.45609	4	90
m3_npboss90	1103	45.83854	24.85188	4.964933	93.5
m4_sei	591	40.26733	22.90035	4.563125	93
m4_npboss90	589	51.20751	25.49724	1.2	99.1
m1_dad_sei	1348	26.45865	24.99525	0	69.96645
m1_dad_np~90	893	52.59537	20.86996	16.16835	89.11816
m3_citizen	1507	.9601858	.1955874	0	1
m3_health	1507	1.898474	.8434839	1	4
m3_intid	1507	558824.2	68253.96	200048	615542
m3_intrace	1448	1.271409	.5072633	1	3
m3_intedu	1407	2.348969	.6649399	1	3
f3_partner	1507	.4591904	.4984972	0	1
f3_physatt	1507	3.629064	.8583807	1	5
f3_peratt	1507	3.79363	.8471571	1	5
f3_groomed	1507	3.580624	.7700202	1	5
f3_attract	1484	2.999326	.727552	1	4
f3_calcage3	1507	21.85136	2.373871	18	40
f3_bmi_3	1475	26.55112	6.712822	15.61841	51.75875
f3_yrsedu	1507	12.95421	1.968855	6	20
f3_income	1181	11957.79	17687.63	0	290000
f3_inschl3	1503	.4018629	.6199495	0	2
f3_ee_cgrdp	1506	.2722444	.4452629	0	1

		program1--prepare data.log			
f3_trdgdr	1373	3.630007	1.359569	1	5
f3_ahpvt	1457	47.99108	29.70381	0	100
f3_pregnow	1507	.0676841	.2512865	0	1
f3_cesd9	1502	6.894807	3.60651	1	24
f3_diagdep	1505	.1594684	.366234	0	1
f1_dad_hh7	854	3.870609	1.72763	1	7
f1_mom_hh7	940	4.482447	1.666388	1	7
f3_hh7	961	4.316337	1.406211	1	7
f3_sei	957	45.05613	20.87376	8	96
f3_npboss90	956	43.45261	24.86644	4.964933	99.7
f1_dad_sei	1325	25.5532	24.71666	0	69.96645
f1_dad_np~90	854	52.9366	20.40075	16.16835	89.11816
f3_citizen	1507	.9621765	.1908325	0	1
f3_health	1507	2.076311	.8746938	1	4
f3_intid	1507	558714.5	68157.88	200048	615542
f3_intrace	1452	1.262397	.4946487	1	3
f3_intedu	1421	2.351161	.6670149	1	3
f1_mom_edu	795	2.577358	1.024875	1	4
f1_dad_edu	672	2.744048	.973552	1	4
f1_hshld_inc	615	43.2	33.42351	0	450
f4_edu5	749	3.088117	1.05604	1	5
f4_inc	723	28321.1	52863.25	0	999995
f2_gpa	569	2.847979	.7606863	1	4
f4_hh7	721	4.561026	1.380828	1	7
f4_sei	730	47.28353	21.54258	6	93
f4_npboss90	730	50.41918	26.23497	1.2	99.1
m3_ln_income	1243	8.652888	2.752922	0	12.50618
f3_ln_income	1181	7.876143	2.985891	0	12.57764
c3_sameint	1507	.8659589	.3408096	0	1
m3_emosup	1383	7.31598	2.687932	0	12
f3_emosup	1399	6.867048	2.491369	0	12
f3_marital	1507	1.922362	.7933641	1	3
m3_marital	1507	1.919044	.7951227	1	3
f3_married	1507	.3563371	.4790754	0	1
f3_cohab	1507	.3649635	.4815797	0	1
f3_dating	1507	.2786994	.4485081	0	1
m3_married	1507	.3596549	.4800585	0	1
m3_cohab	1507	.3616457	.4806364	0	1
m3_dating	1507	.2786994	.4485081	0	1
m3_race4	1499	1.751835	1.029499	1	4
m3_white	1499	.5823883	.49333	0	1
m3_black	1499	.185457	.3887975	0	1
m3_hisp	1499	.1300867	.3365111	0	1
m3_other	1499	.102068	.3028388	0	1
f3_race4	1506	1.762284	1.063717	1	4
f3_white	1506	.5949535	.4910641	0	1
f3_black	1506	.1653386	.3716093	0	1
f3_hisp	1506	.122178	.3276	0	1
f3_other	1506	.1175299	.3221576	0	1

. des ;

Contains data from ...\partners.dta


```

obs:      1,507      program1--prepare data.log      National Longitudinal Study of
Adolescent                                     Health (Add Health), 1994-2008: wave
I
vars:      98      19 Dec 2011 15:18
size:     415,932

```

variable name	storage type	display format	value label	variable label
aid	str8	%9s		RESPONDENT IDENTIFIER
f3_rdur	int	%9.0g		W3 Relp Duration in Months
m3_rdur	int	%9.0g		W3 Relp Duration in Months
m3_physatt	byte	%17.0g	attract5	W3 - Interviewer-rated physical attractiveness
m3_peratt	byte	%17.0g	attract5	W3 - Interviewer-rated personality attractiveness
m3_groomed	byte	%19.0g	groomed5	W3 - Interviewer-Rated Grooming
m3_attract	byte	%21.0g	attract4	W3 - Self-Rated Attractiveness
m1_mom_edu	byte	%12.0g	edu	
m1_dad_edu	byte	%12.0g	edu	
m1_hshld_inc	int	%9.0g		resp's parent's household inc at w1
m3_calcage3	byte	%8.0g		CALCULATED AGE-W3
m3_bmi_3	float	%9.0g		BMI
m3_yrsedu	byte	%9.0g		W3 - Years of Edu
m4_edu5	byte	%12.0g	edu5	W3 - Edu, 5 Cats
m3_income	double	%9.0g		Income in \$
m4_inc	long	%9.0g		Rs earned inc
m3_inschl3	byte	%13.0g	inschl3	Enrolled? Full Time?
m3_ee_cgrdp	byte	%9.0g		Clg Grad or More
m3_trdgrd	byte	%26.0g	agree5	W3 - Supports traditional gender roles
m2_gpa	float	%9.0g		GPA, 4=A to 1=D or below
m3_ahpvt	byte	%9.0g		Pctle AH-PVT Score
m3_cesd9	byte	%9.0g		W3 9-item CES-D depression index
m3_diagdep	byte	%9.0g	yesno	Diagnosed w Depression?
m1_dad_hh7	float	%97.0g	hh7	dad's occ hollingshead rank
m1_mom_hh7	float	%97.0g	hh7	mom's occ hollingshead rank
m3_hh7	float	%97.0g	hh7	Hollingshead Status rank
m4_hh7	float	%97.0g	hh7	Hollingshead Status rank
m3_sei	float	%8.0g		(mean) sei
m3_npboss90	float	%9.0g		(mean) npboss90
m4_sei	float	%8.0g		(mean) sei
m4_npboss90	float	%9.0g		(mean) npboss90
m1_dad_sei	float	%8.0g		(mean) sei
m1_dad_npboss90	float	%9.0g		(mean) npboss90
m3_citizen	byte	%9.0g	yesno	US citizen, born/attained
m3_health	byte	%13.0g	health	self-eval health
m3_intid	float	%9.0g		
m3_intrace	byte	%9.0g	intrace	RECODE of firace (INTERVIEWER RACE-FI W3)
m3_intedu	byte	%15.0g	intedu	RECODE of fiedu (INTERVIEWER EDUCATION-FI W3)
f3_partner	byte	%9.0g		Female was recruited partner
f3_physatt	byte	%9.0g		
f3_peratt	byte	%9.0g		
f3_groomed	byte	%9.0g		
f3_attract	byte	%21.0g	attract4	
f3_calcage3	byte	%8.0g		CALCULATED AGE-W3
f3_bmi_3	float	%9.0g		
f3_yrsedu	byte	%9.0g		W3 - Years of Edu
f3_income	double	%9.0g		Income in \$

```

                                program1--prepare data.log
f3_inschl3      byte      %13.0g      inschl3      Enrolled? Full Time?
f3_ee_cgrdp    byte      %9.0g          Clg Grad or More
f3_trdgdr      byte      %26.0g      agree5       W3 - Supports traditional gender roles
f3_ahpvt       byte      %9.0g          Pctle AH-PVT Score
f3_pregnow     byte      %9.0g          R or P pregnant now
f3_cesd9       byte      %9.0g          W3 9-item CES-D depression index
f3_diagdep     byte      %9.0g      yesno       Diagnosed w Depression?
f1_dad_hh7     float     %97.0g      hh7         P's dad's occ hollingshead rank
f1_mom_hh7     float     %97.0g      hh7         P's mom's occ hollingshead rank
f3_hh7         float     %97.0g      hh7         Hollingshead status rank
f3_sei         float     %9.0g
f3_npboss90    float     %9.0g
f1_dad_sei     float     %9.0g
f1_dad_npboss90 float     %9.0g
f3_citizen     byte      %9.0g      yesno       US citizen, born/attained
f3_health      byte      %13.0g      health      self-eval health
f3_intid       float     %9.0g
f3_intrace     byte      %9.0g      intrace
f3_intedu      byte      %15.0g     intedu
f1_mom_edu     byte      %12.0g     edu
f1_dad_edu     byte      %12.0g     edu
f1_hshld_inc   int       %9.0g          resp's parent's household inc at w1
f4_edu5        byte      %12.0g     edu5        W3 - Edu, 5 Cats
f4_inc         long      %9.0g          Rs earned inc
f2_gpa         float     %9.0g          GPA, 4=A to 1=D or below
f4_hh7         float     %97.0g      hh7         Hollingshead Status rank
f4_sei         float     %8.0g          (mean) sei
f4_npboss90    float     %9.0g          (mean) npboss90
m3_ln_income   float     %9.0g
f3_ln_income   float     %9.0g
c3_sameint     float     %9.0g          R & P had same interviewer
m3_emosup      float     %9.0g
f3_emosup      float     %9.0g
f3_marital     float     %10.0g     marital
m3_marital     float     %10.0g     marital
f3_married     float     %9.0g          RECODE of f3_marital
f3_cohab       float     %9.0g          RECODE of f3_marital
f3_dating      float     %9.0g          RECODE of f3_marital
m3_married     float     %9.0g          RECODE of m3_marital
m3_cohab       float     %9.0g          RECODE of m3_marital
m3_dating      float     %9.0g          RECODE of m3_marital
m3_race4       float     %9.0g
m3_white       float     %9.0g          RECODE of m3_race4
m3_black       float     %9.0g          RECODE of m3_race4
m3_hisp        float     %9.0g          RECODE of m3_race4
m3_other       float     %9.0g          RECODE of m3_race4
f3_race4       float     %9.0g
f3_white       float     %9.0g          RECODE of f3_race4
f3_black       float     %9.0g          RECODE of f3_race4
f3_hisp        float     %9.0g          RECODE of f3_race4
f3_other       float     %9.0g          RECODE of f3_race4

```

```

-----
Sorted by: aid
Note: dataset has changed since last saved

```

```

. *** Impute Missing Data ***;
. /***** Canceled out because there is no need to re-run it and it takes forever
****
>
> * I only need to re-run it when something has changed. At the moment I am just
running t
> he program to create a log file to post online after deleting tables with small

```

program1--prepare data.log

```

cell size
> s and adding comments. ;
>
> ice
> f3_physatt m3_physatt f3_peratt m3_peratt f3_groomed m3_groomed f3_attract
m3_attract
> f3_calcage3 m3_calcage3
> f3_bmi_3 m3_bmi_3
> f3_ln_income m3_ln_income f3_inc m3_inc
> f3_yrsedu m3_yrsedu
> f3_ee_cgrdp m3_ee_cgrdp
> f3_ahpvt m3_ahpvt
> f3_emosup m3_emosup
> f3_rdur m3_rdur
> m3_race4 m3_white m3_black m3_hisp m3_other f3_race4 f3_white f3_black f3_hisp
f3_other
> f3_married f3_cohab
> m1_dad_hh7 f1_dad_hh7 m1_mom_hh7 f1_mom_hh7 m3_hh7 f3_hh7 f4_hh7 m4_hh7
> m1_dad_edu f1_dad_edu m1_mom_edu f1_mom_edu f1_hshld_inc m1_hshld_inc
> f2_gpa m2_gpa
> f4_edu5 m4_edu5 f4_inc m4_inc
> f3_citizen m3_citizen
> f3_cesd9 m3_cesd9 f3_diagdep m3_diagdep f3_health m3_health
> f3_inschl3 m3_inschl3
> f3_trdgdr m3_trdgdr
> m3_sei f3_sei m4_sei f4_sei f1_dad_sei m1_dad_sei,
> saving("...\prepare_data.dta")
> m(10)
> seed(1285964)
> sub(m3_race4: m3_black m3_other, f3_race4: f3_black f3_other)
> cmd(m1_dad_hh7 f1_dad_hh7 m1_mom_hh7 f1_mom_hh7 m3_hh7 f3_hh7 f4_hh7 m4_hh7
f4_edu5 m4_ed
> u5 m1_dad_edu f1_dad_edu m1_mom_edu f1_mom_edu f3_attract m3_attract f3_health
m3_health
> f3_trdgdr m3_trdgdr f3_yrsedu m3_yrsedu:ologit, f3_inschl3 m3_inschl3: mlogit)
> passive(m3_white:(m3_race4==1) \m3_black:(m3_race4==2) \m3_hisp:(m3_race4==3)
\m3_
> other:(m3_race4==4)
> \f3_white:(f3_race4==1) \f3_black:(f3_race4==2)
\f3_hisp:(f3_race4==3) \f
> 3_other:(f3_race4==4) )
> eq(f3_race: m3_black m3_other f3_ee_cgrdp m3_ee_cgrdp f1_dad_hh7,
> m3_race: f3_black f3_other f3_ee_cgrdp m3_ee_cgrdp m1_dad_hh7)
> replace ;
>
> ***** Canceled out because there is no need to re-run it and it takes forever
*****/
>
use "...\prepare_data.dta", clear ;
(National Longitudinal Study of Adolescent Health (Add Health), 1994-2008: wave I)

. des, short ;

Contains data from ...\prepare_data.dta
obs: 16,577 National Longitudinal Study of
Adolescent Health (Add Health), 1994-2008: wave
I
vars: 103 31 Dec 2013 11:04
size: 6,829,724
Sorted by:

. *tab m3_race4 f3_race4 ;

```

program1--prepare data.log

. tab m3_race4 m3_white ;

m3_race4	RECODE of m3_race4		Total
	0	1	
1	0	9,647	9,647
2	3,063	0	3,063
3	2,157	0	2,157
4	1,702	0	1,702
Total	6,922	9,647	16,569

. tab m3_race4 m3_black ;

m3_race4	RECODE of m3_race4		Total
	0	1	
1	9,647	0	9,647
2	0	3,063	3,063
3	2,157	0	2,157
4	1,702	0	1,702
Total	13,506	3,063	16,569

. tab m3_race4 m3_hisp ;

m3_race4	RECODE of m3_race4		Total
	0	1	
1	9,647	0	9,647
2	3,063	0	3,063
3	0	2,157	2,157
4	1,702	0	1,702
Total	14,412	2,157	16,569

. tab m3_race4 m3_other ;

m3_race4	RECODE of m3_race4		Total
	0	1	
1	9,647	0	9,647
2	3,063	0	3,063
3	2,157	0	2,157
4	0	1,702	1,702
Total	14,867	1,702	16,569

. tab f3_race4 f3_white ;

f3_race4	RECODE of f3_race4		Total
	0	1	
1	0	9,861	9,861
2	2,739	0	2,739
3	2,027	0	2,027
4	1,949	0	1,949
Total	6,715	9,861	16,576

program1--prepare data.log

. tab f3_race4 f3_black ;

f3_race4	RECODE of f3_race4		Total
	0	1	
1	9,861	0	9,861
2	0	2,739	2,739
3	2,027	0	2,027
4	1,949	0	1,949
Total	13,837	2,739	16,576

. tab f3_race4 f3_hisp ;

f3_race4	RECODE of f3_race4		Total
	0	1	
1	9,861	0	9,861
2	2,739	0	2,739
3	0	2,027	2,027
4	1,949	0	1,949
Total	14,549	2,027	16,576

. tab f3_race4 f3_other ;

f3_race4	RECODE of f3_race4		Total
	0	1	
1	9,861	0	9,861
2	2,739	0	2,739
3	2,027	0	2,027
4	0	1,949	1,949
Total	14,627	1,949	16,576

. drop *_white *_black *_hisp *_other ;

. recode m3_race4 1=1 2/4=0, gen(m3_white) ;
(6922 differences between m3_race4 and m3_white)

. recode m3_race4 1=0 2=1 3/4=0, gen(m3_black) ;
(16569 differences between m3_race4 and m3_black)

. recode m3_race4 1/2=0 3=1 4=0, gen(m3_hisp) ;
(16569 differences between m3_race4 and m3_hisp)

. recode m3_race4 1/3=0 4=1, gen(m3_other) ;
(16569 differences between m3_race4 and m3_other)

. recode f3_race4 1=1 2/4=0, gen(f3_white) ;
(6715 differences between f3_race4 and f3_white)

. recode f3_race4 1=0 2=1 3/4=0, gen(f3_black) ;
(16576 differences between f3_race4 and f3_black)

. recode f3_race4 1/2=0 3=1 4=0, gen(f3_hisp) ;
(16576 differences between f3_race4 and f3_hisp)

program1--prepare data.log

```
. recode f3_race4 1/3=0 4=1 , gen(f3_other) ;
(16576 differences between f3_race4 and f3_other)
```

```
. *tab m3_race4 f3_race4 ;
. sum *_white *_black *_hisp *_other ;
```

Variable	Obs	Mean	Std. Dev.	Min	Max
m3_white	16569	.5822319	.4932064	0	1
f3_white	16576	.5948962	.4909269	0	1
m3_black	16569	.1848633	.3881983	0	1
f3_black	16576	.1652389	.3714072	0	1
m3_hisp	16569	.1301829	.3365147	0	1
f3_hisp	16576	.1222852	.3276248	0	1
m3_other	16569	.102722	.3036045	0	1
f3_other	16576	.1175796	.3221194	0	1

```
. recode m4_edu5 1=0 2=1 3/5=0, gen(m4_hsged) ;
(15671 differences between m4_edu5 and m4_hsged)
```

```
. recode m4_edu5 1/2=0 3=1 4/5=0, gen(m4_mths) ;
(15671 differences between m4_edu5 and m4_mths)
```

```
. recode m4_edu5 1/3=0 4/5=1, gen(m4_cgrdp) ;
(15671 differences between m4_edu5 and m4_cgrdp)
```

```
. recode f4_edu5 1=0 2=1 3/5=0, gen(f4_hsged) ;
(15819 differences between f4_edu5 and f4_hsged)
```

```
. recode f4_edu5 1/2=0 3=1 4/5=0, gen(f4_mths) ;
(15819 differences between f4_edu5 and f4_mths)
```

```
. recode f4_edu5 1/3=0 4/5=1, gen(f4_cgrdp) ;
(15819 differences between f4_edu5 and f4_cgrdp)
```

```
. * Create couple race vars *;
```

```
. * NOTE: As discussed in the article, I use couple race because most couples are same-rac
```

```
> e. His and her race are very collinear. ;
```

```
. *tab f3_race4 m3_race4 ;
```

```
. gen c3_white = 0 if m3_race4 ~= . & f3_race4 ~= . ;
(9 missing values generated)
```

```
. gen c3_black = 0 if m3_race4 ~= . & f3_race4 ~= . ;
(9 missing values generated)
```

```
. gen c3_hisp = 0 if m3_race4 ~= . & f3_race4 ~= . ;
(9 missing values generated)
```

```
. gen c3_other = 0 if m3_race4 ~= . & f3_race4 ~= . ;
(9 missing values generated)
```

```
. replace c3_white = 1 if m3_white == 1 & f3_white == 1 ;
(8589 real changes made)
```

```
. replace c3_black = 1 if m3_black == 1 & f3_black == 1 ;
(2442 real changes made)
```

```
. replace c3_hisp = 1 if m3_hisp == 1 & f3_hisp == 1 ;
(1199 real changes made)
```

```

program1--prepare data.log
. replace c3_other = 1 if m3_other == 1 & f3_other == 1 ;
(907 real changes made)

. replace c3_other = 1 if m3_race4 ~= f3_race4 & m3_race4 ~= . & f3_race4 ~= . ;
(3431 real changes made)

. gen c3_race4 = 1 if c3_white==1 ;
(7988 missing values generated)

. replace c3_race4 = 2 if c3_black==1 ;
(2442 real changes made)

. replace c3_race4 = 3 if c3_hisp==1 ;
(1199 real changes made)

. replace c3_race4 = 4 if c3_other==1 ;
(4338 real changes made)

. label define race4 1 white 2 black 3 hispanic 4 other ;

. label values c3_race4 race4 ;

. gen c3_race5 = c3_race4 ;
(9 missing values generated)

. tab c3_race4 ;

```

c3_race4	Freq.	Percent	Cum.
white	8,589	51.84	51.84
black	2,442	14.74	66.58
hispanic	1,199	7.24	73.82
other	4,338	26.18	100.00
Total	16,568	100.00	

```

. replace c3_race5 = 5 if m3_race4 ~= f3_race4 & m3_race4 ~= . & f3_race4 ~= . ;
(3431 real changes made)

. label define race5 1 white 2 black 3 hispanic 4 other 5 mixed ;

. label values c3_race5 race5 ;

. tab c3_race5 ;

```

c3_race5	Freq.	Percent	Cum.
white	8,589	51.84	51.84
black	2,442	14.74	66.58
hispanic	1,199	7.24	73.82
other	907	5.47	79.29
mixed	3,431	20.71	100.00
Total	16,568	100.00	

```

. tab c3_race4 c3_race5 ;

```

c3_race4	white	black	c3_race5 hispanic	other	mixed	Total
white	8,589	0	0	0	0	8,589
black	0	2,442	0	0	0	2,442
hispanic	0	0	1,199	0	0	1,199

	other	0	0	0	907	3,431	4,338
Total	8,589	2,442	1,199	907	3,431	16,568	

```

. * Create couple marital status vars *;
. *tab f3_marital m3_marital ;
. gen c3_married = 0 if m3_marital ~=. & f3_marital ~=. ;

. gen c3_cohab = 0 if m3_marital ~=. & f3_marital ~=. ;
. gen c3_dating = 0 if m3_marital ~=. & f3_marital ~=. ;
. gen c3_mrtlmix = 0 if m3_marital ~=. & f3_marital ~=. ;

. replace c3_married = 1 if m3_married == 1 & f3_married == 1 ;
(5775 real changes made)

. replace c3_cohab = 1 if m3_cohab == 1 & f3_cohab == 1 ;
(5863 real changes made)

. replace c3_dating = 1 if m3_dating == 1 & f3_dating == 1 ;
(4620 real changes made)

. replace c3_mrtlmix = 1 if m3_marital == f3_marital & m3_marital ~=. & f3_marital
~=.;
(319 real changes made)

. * Create couple relp duration var--average of her and his report *;
. gen c3_rdur = (m3_rdur + f3_rdur)/ 2 ;
(475 missing values generated)

```

```
. sum *rdur ;
```

Variable	Obs	Mean	Std. Dev.	Min	Max
f3_rdur	16349	38.45746	26.96104	-45.10313	170
m3_rdur	16261	38.06064	26.96884	-38.77446	156.7844
f3_miss_rdur	16577	.151294	.358346	0	1
m3_miss_rdur	16577	.2096881	.4070983	0	1
c3_miss_rdur	16577	.0457863	.2090277	0	1
c3_rdur	16102	38.27903	25.82159	-37.90717	163.3922

```
. replace c3_rdur = f3_rdur if c3_rdur == . & f3_rdur ~= . ;
(247 real changes made)
```

```
. replace c3_rdur = m3_rdur if c3_rdur == . & m3_rdur ~= . ;
(159 real changes made)
```

```
. sum *rdur ;
```

Variable	Obs	Mean	Std. Dev.	Min	Max
f3_rdur	16349	38.45746	26.96104	-45.10313	170
m3_rdur	16261	38.06064	26.96884	-38.77446	156.7844
f3_miss_rdur	16577	.151294	.358346	0	1
m3_miss_rdur	16577	.2096881	.4070983	0	1
c3_miss_rdur	16577	.0457863	.2090277	0	1
c3_rdur	16508	38.24061	25.87001	-37.90717	170

```
. * ice sometimes generates out-of-range values ;
```


program1--prepare data.log

```

. foreach var in
> m3_sei f3_sei
> m4_sei f4_sei
> m3_inc f3_inc
> m4_inc f4_inc
> m1_hshld_inc f1_hshld_inc
> f3_ahpvt m3_ahpvt { ;
  2. replace `var' = 0 if `var' < 0 ;
  3. } ;
(209 real changes made)
(254 real changes made)
(444 real changes made)
(217 real changes made)
(563 real changes made)
(903 real changes made)
(2089 real changes made)
(2489 real changes made)
(1782 real changes made)
(1058 real changes made)
(47 real changes made)
(26 real changes made)

. * ice sometimes generates out-of-range values ;
. foreach var in
> m3_sei f3_sei
> m4_sei f4_sei { ;
  2. replace `var' = 96 if `var' > 96 & `var'~=.;
  3. } ;
(1 real change made)
(32 real changes made)
(35 real changes made)
(66 real changes made)

. * imputed both but really only needed to impute one and they ought to be
consistent ;
. replace f3_ln_inc=ln(f3_inc+1) ;
(3260 real changes made)

. replace m3_ln_inc=ln(m3_inc+1) ;
(2640 real changes made)

. * ice sometimes generates implausible values ;
. replace f3_bmi = 15.5 if f3_bmi < 15 ;
(17 real changes made)

. replace m3_bmi = 13.5 if m3_bmi < 13 ;
(7 real changes made)

. replace f3_yrsedu = 8 if f3_yrsedu < 8 ;
(33 real changes made)

. replace m3_yrsedu = 8 if m3_yrsedu < 8 ;
(44 real changes made)

. * ice sometimes generates out-of-range values--all relps are at least 3 months
long in o
> rder to be eligible ;
. replace f3_rdur = 3 if f3_rdur < 3 ;
(473 real changes made)

. replace m3_rdur = 3 if m3_rdur < 3 ;
(618 real changes made)

```

```
. * ice sometimes generates implausible values ;
. sum f3_inc m3_inc if _mj==0 ;
```

Variable	Obs	Mean	Std. Dev.	Min	Max
f3_income	1181	11957.79	17687.63	0	290000
m3_income	1243	19694.42	22654.03	0	270000

```
. sum f3_inc m3_inc if _mj>0 ;
```

Variable	Obs	Mean	Std. Dev.	Min	Max
f3_income	15070	12514.22	17425.46	0	290000
m3_income	15070	20180.86	22442.89	0	270000

```
. replace f3_inc=0 if f3_inc<0 ;
(0 real changes made)
```

```
. replace m3_inc=0 if m3_inc<0 ;
(0 real changes made)
```

```
. replace f3_inc=300000 if f3_inc>300000 & f3_inc~=. ;
(0 real changes made)
```

```
. replace m3_inc=300000 if m3_inc>300000 & m3_inc~=. ;
(0 real changes made)
```

```
. sum f3_inc m3_inc if _mj>0 ;
```

Variable	Obs	Mean	Std. Dev.	Min	Max
f3_income	15070	12514.22	17425.46	0	290000
m3_income	15070	20180.86	22442.89	0	270000

```
. gen f3_underweight = 0 ;
```

```
. replace f3_underweight = 1 if f3_bmi < 18.5 ;
(763 real changes made)
```

```
. gen f3_normalweight = 0 ;
```

```
. replace f3_normalweight = 1 if f3_bmi >= 18.5 & f3_bmi < 25 ;
(7712 real changes made)
```

```
. gen f3_overweight = 0 ;
```

```
. replace f3_overweight = 1 if f3_bmi >= 25 & f3_bmi < 30 ;
(3938 real changes made)
```

```
. gen f3_obese = 0 ;
```

```
. replace f3_obese = 1 if f3_bmi > 30 ;
(4164 real changes made)
```

```
. gen f3_weightcat = f3_underweight ;
```

```
. replace f3_weightcat = 2 if f3_normalweight == 1 ;
(7712 real changes made)
```

```
. replace f3_weightcat = 3 if f3_overweight == 1 ;
(3938 real changes made)
```

```
. replace f3_weightcat = 4 if f3_obese == 1 ;
```

(4164 real changes made)

```
. tab f3_weightcat ;
```

f3_weightcat	Freq.	Percent	Cum.
1	763	4.60	4.60
2	7,712	46.52	51.13
3	3,938	23.76	74.88
4	4,164	25.12	100.00
Total	16,577	100.00	

```
. sum f3_underweight f3_normalweight f3_overweight f3_obese ;
```

Variable	Obs	Mean	Std. Dev.	Min	Max
f3_underweight	16577	.0460276	.2095513	0	1
f3_normalweight	16577	.4652229	.4988041	0	1
f3_overweight	16577	.2375581	.4255998	0	1
f3_obese	16577	.2511914	.4337115	0	1

```
. gen m3_underweight = 0 ;
```

```
. replace m3_underweight = 1 if m3_bmi < 18.5 ;  
(331 real changes made)
```

```
. gen m3_normalweight = 0 ;
```

```
. replace m3_normalweight = 1 if m3_bmi >= 18.5 & m3_bmi < 25 ;  
(6282 real changes made)
```

```
. gen m3_overweight = 0 ;
```

```
. replace m3_overweight = 1 if m3_bmi >= 25 & m3_bmi < 30 ;  
(5447 real changes made)
```

```
. gen m3_obese = 0 ;
```

```
. replace m3_obese = 1 if m3_bmi > 30 ;  
(4517 real changes made)
```

```
. gen m3_weightcat = m3_underweight ;
```

```
. replace m3_weightcat = 2 if m3_normalweight == 1 ;  
(6282 real changes made)
```

```
. replace m3_weightcat = 3 if m3_overweight == 1 ;  
(5447 real changes made)
```

```
. replace m3_weightcat = 4 if m3_obese == 1 ;  
(4517 real changes made)
```

```
. tab m3_weightcat ;
```

m3_weightcat	Freq.	Percent	Cum.
1	331	2.00	2.00
2	6,282	37.90	39.89
3	5,447	32.86	72.75
4	4,517	27.25	100.00

program1--prepare data.log

```
-----+-----
Total |      16,577      100.00
```

```
. sum m3_underweight m3_normalweight m3_overweight m3_obese ;
```

```
-----+-----
Variable |      Obs      Mean   Std. Dev.   Min     Max
-----+-----
m3_underwe~t |    16577   .0199674   .1398925     0       1
m3_normalw~t |    16577   .3789588   .4851425     0       1
m3_overwei~t |    16577   .3285878   .4697139     0       1
m3_obese |    16577   .272486    .445252     0       1
```

```
. sum *underweight *normalweight *overweight *obese ;
```

```
-----+-----
Variable |      Obs      Mean   Std. Dev.   Min     Max
-----+-----
f3_underwe~t |    16577   .0460276   .2095513     0       1
m3_underwe~t |    16577   .0199674   .1398925     0       1
f3_normalw~t |    16577   .4652229   .4988041     0       1
m3_normalw~t |    16577   .3789588   .4851425     0       1
f3_overwei~t |    16577   .2375581   .4255998     0       1
-----+-----
m3_overwei~t |    16577   .3285878   .4697139     0       1
f3_obese |    16577   .2511914   .4337115     0       1
m3_obese |    16577   .272486    .445252     0       1
```

```
. recode m3_physatt 1/3=0 4/5=1, gen(m3_attvatt) ;
(16577 differences between m3_physatt and m3_attvatt)
```

```
. recode f3_physatt 1/3=0 4/5=1, gen(f3_attvatt) ;
(16577 differences between f3_physatt and f3_attvatt)
```

```
. sum m3_attvatt f3_attvatt ;
```

```
-----+-----
Variable |      Obs      Mean   Std. Dev.   Min     Max
-----+-----
m3_attvatt |    16577   .4280027   .4948042     0       1
f3_attvatt |    16577   .5467817   .4978217     0       1
```

```
. *tab f3_marital m3_marital ;
. tab f3_marital f3_married ;
```

```
-----+-----
f3_marital | RECODE of f3_marital
              0      1 |      Total
-----+-----
married |      0      5,907 |      5,907
cohabiting |    6,050      0 |      6,050
dating |    4,620      0 |      4,620
-----+-----
Total |    10,670      5,907 |      16,577
```

```
. tab f3_marital f3_cohab ;
```

```
-----+-----
f3_marital | RECODE of f3_marital
              0      1 |      Total
-----+-----
married |    5,907      0 |      5,907
cohabiting |      0      6,050 |      6,050
dating |    4,620      0 |      4,620
-----+-----
Total |    10,527      6,050 |      16,577
```

program1--prepare data.log

. tab f3_marital f3_dating ;

f3_marital	RECODE of f3_marital		Total
	0	1	
married	5,907	0	5,907
cohabiting	6,050	0	6,050
dating	0	4,620	4,620
Total	11,957	4,620	16,577

. tab m3_marital m3_married ;

m3_marital	RECODE of m3_marital		Total
	0	1	
married	0	5,962	5,962
cohabiting	5,995	0	5,995
dating	4,620	0	4,620
Total	10,615	5,962	16,577

. tab m3_marital m3_cohab ;

m3_marital	RECODE of m3_marital		Total
	0	1	
married	5,962	0	5,962
cohabiting	0	5,995	5,995
dating	4,620	0	4,620
Total	10,582	5,995	16,577

. tab m3_marital m3_dating ;

m3_marital	RECODE of m3_marital		Total
	0	1	
married	5,962	0	5,962
cohabiting	5,995	0	5,995
dating	0	4,620	4,620
Total	11,957	4,620	16,577

. alpha f3_physatt f3_groomed f3_peratt, item gen(f3_ovatt) ;

Test scale = mean(unstandardized items)

Item	Obs	Sign	item-test correlation	item-rest correlation	average interitem covariance	alpha
f3_physatt	16577	+	0.8735	0.6843	.2897149	0.6134
f3_groomed	16577	+	0.7934	0.5675	.4317706	0.7453
f3_peratt	16577	+	0.8250	0.5908	.3753171	0.7219
Test scale					.3656008	0.7761

program1--prepare data.log

```
. label var f3_ovatt "index of interviewer evaluation, higher=more desirable,
a=0.78" ;
```

```
. alpha m3_physatt m3_groomed m3_peratt, item gen(m3_ovatt) ;
```

```
Test scale = mean(unstandardized items)
```

Item	Obs	Sign	item-test correlation	item-rest correlation	average interitem covariance	alpha
m3_physatt	16577	+	0.8484	0.6454	.2637632	0.6262
m3_groomed	16577	+	0.7962	0.5605	.3375741	0.7212
m3_peratt	16577	+	0.8284	0.5846	.2916058	0.6978
Test scale					.2976477	0.7638

```
. label var m3_ovatt "index of interviewer evaluation, higher=more desirable,
a=0.76" ;
```

```
. alpha f3_physatt f3_groomed, item gen(f3_ovatt2) ;
```

```
Test scale = mean(unstandardized items)
```

```
Average interitem covariance: .3753171
Number of items in the scale: 2
Scale reliability coefficient: 0.7219
```

```
. label var f3_ovatt2 "index of interviewer evaluation, higher=more desirable,
a=0.??" ;
```

```
. alpha m3_physatt m3_groomed, item gen(m3_ovatt2) ;
```

```
Test scale = mean(unstandardized items)
```

```
Average interitem covariance: .2916058
Number of items in the scale: 2
Scale reliability coefficient: 0.6978
```

```
. label var m3_ovatt2 "index of interviewer evaluation, higher=more desirable,
a=0.??" ;
```

```
. alpha f3_physatt f3_underweight f3_overweight f3_obese f3_groomed f3_peratt, item
gen(f3_
> ovatt_wgtgrp) ;
```

```
Test scale = mean(unstandardized items)
```

Item	Obs	Sign	item-test correlation	item-rest correlation	average interitem covariance	alpha
f3_physatt	16577	+	0.8466	0.6595	.0420061	0.4097
f3_underwe~t	16577	+	0.1357	0.0434	.1305776	0.6494
f3_overwei~t	16577	+	0.2097	0.0220	.1305474	0.6675
f3_obese	16577	-	0.4453	0.2724	.1077567	0.6086
f3_groomed	16577	+	0.7595	0.5416	.0596805	0.4875
f3_peratt	16577	+	0.7544	0.5008	.0598953	0.5093
Test scale					.0884106	0.6227

program1--prepare data.log

```
. label var f3_ovatt_wgtgrp "index of interviewer evaluation & weight group,
higher=more de
> sirable, a=0.62" ;
```

```
. alpha m3_physatt f3_underweight f3_overweight f3_obese m3_groomed m3_peratt, item
gen(m3_
> ovatt_wgtgrp) ;
```

Test scale = mean(unstandardized items)

Item	Obs	Sign	item-test correlation	item-rest correlation	average interitem covariance	alpha
m3_physatt	16577	+	0.8000	0.5857	.0366	0.3974
f3_underwe~t	16577	+	0.1322	0.0302	.1020608	0.6175
f3_overwei~t	16577	+	0.2421	0.0355	.1003361	0.6334
f3_obese	16577	-	0.3892	0.1893	.08756	0.5920
m3_groomed	16577	+	0.7405	0.4993	.0458645	0.4537
m3_peratt	16577	+	0.7707	0.5147	.0409645	0.4413
Test scale					.0688976	0.5903

```
. label var m3_ovatt_wgtgrp "index of interviewer evaluation & weight group,
higher=more de
> sirable, a=0.59" ;
```

```
. alpha f3_physatt f3_weightcat f3_groomed f3_peratt, item gen(f3_ovatt_wgtgrp2) ;
```

Test scale = mean(unstandardized items)

Item	Obs	Sign	item-test correlation	item-rest correlation	average interitem covariance	alpha
f3_physatt	16577	+	0.8405	0.6676	.1636372	0.4753
f3_weightcat	16577	-	0.5566	0.2176	.3656008	0.7761
f3_groomed	16577	+	0.7492	0.5454	.2322691	0.5721
f3_peratt	16577	+	0.7334	0.4911	.2380409	0.6011
Test scale					.249887	0.6833

```
. label var f3_ovatt_wgtgrp2 "index of interviewer evaluation & weight group,
higher=more d
> esirable, a=0.??" ;
```

```
. alpha m3_physatt f3_weightcat m3_groomed m3_peratt, item gen(m3_ovatt_wgtgrp2) ;
```

Test scale = mean(unstandardized items)

Item	Obs	Sign	item-test correlation	item-rest correlation	average interitem covariance	alpha
m3_physatt	16577	+	0.7833	0.5757	.1275761	0.4206
f3_weightcat	16577	-	0.5179	0.1213	.2976477	0.7638
m3_groomed	16577	+	0.7280	0.4990	.1586049	0.4830
m3_peratt	16577	+	0.7446	0.4933	.1475458	0.4776
Test scale					.1828436	0.6195

program1--prepare data.log

```
. label var m3_ovatt_wgtgrp2 "index of interviewer evaluation & weight group,
higher=more d
> esirable, a=0.??" ;
```

```
. * SES index *;
. alpha
> m3_yrsedu m3_sei m3_npboss90 m3_hh7,
> item gen(m3_sesidx) ;
```

Test scale = mean(unstandardized items)

Item	Obs	Sign	item-test correlation	item-rest correlation	average interitem covariance	alpha
m3_yrsedu	16576	+	0.4202	0.3863	152.6319	0.7158
m3_sei	16189	+	0.9250	0.6886	14.62329	0.2212
m3_npboss90	12133	+	0.9574	0.8255	15.84961	0.2582
m3_hh7	16200	+	0.8511	0.8539	143.835	0.6962
Test scale					78.58159	0.6542

```
. alpha
> f3_yrsedu f3_sei f3_npboss90 f3_hh7,
> item gen(f3_sesidx) ;
```

Test scale = mean(unstandardized items)

Item	Obs	Sign	item-test correlation	item-rest correlation	average interitem covariance	alpha
f3_yrsedu	16577	+	0.3388	0.2885	132.346	0.6722
f3_sei	16027	+	0.9129	0.5907	11.53015	0.1966
f3_npboss90	10516	+	0.9526	0.7951	11.38445	0.1942
f3_hh7	16031	+	0.7775	0.7775	123.1957	0.6496
Test scale					65.58138	0.6066

```
. * Difference measures--his minus her--used in Table 4 and Table 6 ;
```

```
. foreach var in
> bmi
> sesidx
> physatt groomed
> yrsedu ln_income ahpvt
> peratt emosup
> calcage3
> ee_cgrdp
> ovatt ovatt_wgtgrp
> sei npboss90 { ;
2. gen mf3_`var' = m3_`var' - f3_`var' ;
3. gen fm3_`var' = f3_`var' - m3_`var' ;
4. pwcorr mf3_`var' fm3_`var' ;
5. } ;
```

(73 missing values generated)
(73 missing values generated)

	mf3_bmi	fm3_bmi

program1--prepare data.log

mf3_bmi		1.0000	
fm3_bmi		-1.0000	1.0000

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

		mf3_se~x	fm3_se~x
mf3_sesidx		1.0000	
fm3_sesidx		-1.0000	1.0000

		mf3_ph~t	fm3_ph~t
mf3_physatt		1.0000	
fm3_physatt		-1.0000	1.0000

		mf3_gr~d	fm3_gr~d
mf3_groomed		1.0000	
fm3_groomed		-1.0000	1.0000

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

		mf3_yr~u	fm3_yr~u
mf3_yrsedu		1.0000	
fm3_yrsedu		-1.0000	1.0000

(436 missing values generated)
(436 missing values generated)

		mf3_ln~e	fm3_ln~e
mf3_ln_inc~e		1.0000	
fm3_ln_inc~e		-1.0000	1.0000

(75 missing values generated)
(75 missing values generated)

		mf3_ah~t	fm3_ah~t
mf3_ahpvt		1.0000	
fm3_ahpvt		-1.0000	1.0000

		mf3_pe~t	fm3_pe~t
mf3_peratt		1.0000	
fm3_peratt		-1.0000	1.0000

(213 missing values generated)
(213 missing values generated)

		mf3_em~p	fm3_em~p
mf3_emosup		1.0000	
fm3_emosup		-1.0000	1.0000

		mf3_ca~3	fm3_ca~3
mf3_calcage3		1.0000	
fm3_calcage3		-1.0000	1.0000

(4 missing values generated)
(4 missing values generated)

		mf3_ee~p	fm3_ee~p
mf3_ee_cgrdp		1.0000	

```

fm3_ee_cgrdp | -1.0000  1.0000
              | mf3_ov~t fm3_ov~t
-----+-----
mf3_ovatt | 1.0000
fm3_ovatt | -1.0000  1.0000
              | mf3_ov~p fm3_ov~p
-----+-----
mf3_ovatt~p | 1.0000
fm3_ovatt~p | -1.0000  1.0000
(757 missing values generated)
(757 missing values generated)
              | mf3_sei fm3_sei
-----+-----
mf3_sei | 1.0000
fm3_sei | -1.0000  1.0000
(8393 missing values generated)
(8393 missing values generated)
              | mf3_n~90 fm3_n~90
-----+-----
mf3_npboss90 | 1.0000
fm3_npboss90 | -1.0000  1.0000
    
```

```

. * This is wierd for ln_income because ln(x) - ln(y) = ln(x/y). So it is a log of
a ratio
> as much as it is a difference of logs. But taking the difference and then logging
it doe
> sn't work either because the log is undefined for n <= 0. ;
. gen mf3_income = exp(m3_ln_income) - exp(f3_ln_income) ;
(436 missing values generated)
. gen fm3_income = exp(f3_ln_income) - exp(m3_ln_income) ;
(436 missing values generated)
. sum fm3* mf3*, det ;
    
```

fm3_bmi

Percentiles			Smallest		
1%	-17.58133	-28.89448			
5%	-11.81929	-28.89448			
10%	-9.106712	-28.89448	Obs		16504
25%	-5.388975	-28.89448	Sum of Wgt.		16504
50%	-1.215254		Mean		-.635597
			Std. Dev.		7.536024
75%	3.461632	28.20793			
90%	9.042597	28.20793	Variance		56.79166
95%	12.67614	28.20793	Skewness		.3908307
99%	21.02565	28.20793	Kurtosis		4.011914

fm3_sesidx

Percentiles			Smallest		
1%	-31.76982	-42.74899			
5%	-22.37693	-42.24315			
10%	-17.156	-39.3342	Obs		16576
25%	-7.596942	-38.78238	Sum of Wgt.		16576
50%	.4965086		Mean		.7432749

program1--prepare data.log

75%	9.764633	Largest	Std. Dev.	13.44791
90%	18.25112	37.92095	Variance	180.8462
95%	23.2	38.04952	Skewness	-.0712333
99%	31.0658	38.31138	Kurtosis	2.94145
		38.61571		

fm3_physatt

	Percentiles	Smallest		
1%	-2	-4		
5%	-2	-4		
10%	-1	-4	Obs	16577
25%	0	-4	Sum of wgt.	16577
50%	0		Mean	.185136
		Largest	Std. Dev.	.9908126
75%	1	4	Variance	.9817096
90%	1	4	Skewness	-.2170988
95%	2	4	Kurtosis	4.121083
99%	2	4		

fm3_groomed

	Percentiles	Smallest		
1%	-2	-4		
5%	-1	-4		
10%	-1	-4	Obs	16577
25%	0	-4	Sum of wgt.	16577
50%	0		Mean	.1791639
		Largest	Std. Dev.	.8225776
75%	1	4	Variance	.6766339
90%	1	4	Skewness	.0086953
95%	1	4	Kurtosis	4.228094
99%	2	4		

fm3_yrsedu

	Percentiles	Smallest		
1%	-4	-9		
5%	-3	-9		
10%	-2	-9	Obs	16576
25%	-1	-9	Sum of wgt.	16576
50%	0		Mean	.21875
		Largest	Std. Dev.	1.85685
75%	1	8	Variance	3.447892
90%	3	8	Skewness	.0863281
95%	4	8	Kurtosis	4.634196
99%	5	8		

fm3_ln_income

	Percentiles	Smallest		
1%	-10.5187	-11.2418		
5%	-9.53179	-11.2129		
10%	-4.622994	-11.1033	Obs	16141
25%	-1.385717	-11.089	Sum of wgt.	16141
50%	-.4613199		Mean	-.8406827
		Largest	Std. Dev.	3.592708
75%	.0953007	10.54165	Variance	12.90755
90%	1.452252	10.5598		

program1--prepare data.log

95%	6.288787	10.58247	Skewness	-.3240151
99%	9.517514	10.84873	Kurtosis	5.529034

fm3_ahpvt

	Percentiles	Smallest		
1%	-76	-106.0482		
5%	-57	-100.3861		
10%	-44	-98	Obs	16502
25%	-22	-98	Sum of wgt.	16502
50%	0		Mean	-2.837077
		Largest	Std. Dev.	31.07785
75%	16	97		
90%	35	97	Variance	965.8328
95%	50	97	Skewness	.072321
99%	77	97	Kurtosis	3.369711

fm3_peratt

	Percentiles	Smallest		
1%	-3	-4		
5%	-1	-4		
10%	-1	-4	Obs	16577
25%	0	-4	Sum of wgt.	16577
50%	0		Mean	.1877903
		Largest	Std. Dev.	.9686323
75%	1	4		
90%	1	4	Variance	.9382486
95%	2	4	Skewness	-.2508316
99%	2	4	Kurtosis	4.927367

fm3_emosup

	Percentiles	Smallest		
1%	-8	-11.83166		
5%	-6	-11.34495		
10%	-5	-11.14587	Obs	16364
25%	-3	-11.08847	Sum of wgt.	16364
50%	-.6126642		Mean	-.4414397
		Largest	Std. Dev.	3.54126
75%	2	12		
90%	4	12	Variance	12.54053
95%	6	12	Skewness	.2028599
99%	9	12.79953	Kurtosis	3.176505

fm3_calcage3

	Percentiles	Smallest		
1%	-14	-20		
5%	-7	-20		
10%	-5	-20	Obs	16577
25%	-3	-20	Sum of wgt.	16577
50%	-1		Mean	-1.629728
		Largest	Std. Dev.	3.296695
75%	0	16		
90%	1	16	Variance	10.8682
95%	2	16	Skewness	-.8165785
99%	6	16	Kurtosis	8.411255

program1--prepare data.log
fm3_ee_cgrdp

Percentiles		Smallest		
1%	-1	-1		
5%	-1	-1		
10%	0	-1	Obs	16573
25%	0	-1	Sum of wgt.	16573
50%	0		Mean	.0517106
		Largest	Std. Dev.	.3973637
75%	0	1		
90%	1	1	Variance	.1578979
95%	1	1	Skewness	.431623
99%	1	1	Kurtosis	6.114269

fm3_ovatt

Percentiles		Smallest		
1%	-1.666667	-2.666667		
5%	-1	-2.666667		
10%	-.6666667	-2.666667	Obs	16577
25%	-.3333333	-2.666667	Sum of wgt.	16577
50%	0		Mean	.1840301
		Largest	Std. Dev.	.7282492
75%	.6666667	4		
90%	1	4	Variance	.5303469
95%	1.333333	4	Skewness	.0217269
99%	2	4	Kurtosis	4.206891

fm3_ovatt_wgtgrp

Percentiles		Smallest		
1%	-.8333334	-1.333333		
5%	-.5	-1.333333		
10%	-.3333334	-1.333333	Obs	16577
25%	-.1666666	-1.333333	Sum of wgt.	16577
50%	0		Mean	.092015
		Largest	Std. Dev.	.3641246
75%	.3333334	2		
90%	.5000001	2	Variance	.1325867
95%	.6666667	2	Skewness	.0217268
99%	1	2	Kurtosis	4.206891

fm3_sei

Percentiles		Smallest		
1%	-56.79254	-78.10138		
5%	-38.5188	-77.58386		
10%	-29.41044	-77.36749	Obs	15820
25%	-10.53554	-76.47054	Sum of wgt.	15820
50%	4.305646		Mean	6.193046
		Largest	Std. Dev.	26.93713
75%	25.65313	89.82896		
90%	42.00661	91.25314	Variance	725.609
95%	50.15177	91.49276	Skewness	-.0758864
99%	64	91.76396	Kurtosis	2.787264

fm3_npboss90

Percentiles Smallest

program1--prepare data.log

1%	-66.86675	-78.20376		
5%	-51.42773	-78.20376		
10%	-41.40376	-78.20376	Obs	8184
25%	-20.36039	-78.20376	Sum of wgt.	8184
50%	0		Mean	-1.53053
		Largest	Std. Dev.	29.63674
75%	16.46024	76.73506		
90%	37.12332	76.73506	Variance	878.3362
95%	51.11368	76.73506	Skewness	.0201236
99%	64.54045	76.73506	Kurtosis	2.854592

fm3_income

Percentiles		Smallest		
1%	-63499.98	-240000		
5%	-37307.16	-240000		
10%	-28000	-240000	Obs	16141
25%	-16000	-240000	Sum of wgt.	16141
50%	-4999.996		Mean	-7662.143
		Largest	Std. Dev.	21561.1
75%	500.006	245000		
90%	9999.99	245000	Variance	4.65e+08
95%	16889.3	245000	Skewness	-.7564971
99%	32207.07	245000	Kurtosis	42.01668

mf3_bmi

Percentiles		Smallest		
1%	-21.02565	-28.20793		
5%	-12.67614	-28.20793		
10%	-9.042597	-28.20793	Obs	16504
25%	-3.461632	-28.20793	Sum of wgt.	16504
50%	1.215254		Mean	.635597
		Largest	Std. Dev.	7.536024
75%	5.388975	28.89448		
90%	9.106712	28.89448	Variance	56.79166
95%	11.81929	28.89448	Skewness	-.3908307
99%	17.58133	28.89448	Kurtosis	4.011914

mf3_sesidx

Percentiles		Smallest		
1%	-31.0658	-38.61571		
5%	-23.2	-38.31138		
10%	-18.25112	-38.04952	Obs	16576
25%	-9.764633	-37.92095	Sum of wgt.	16576
50%	-.4965086		Mean	-.7432749
		Largest	Std. Dev.	13.44791
75%	7.596942	38.78238		
90%	17.156	39.3342	Variance	180.8462
95%	22.37693	42.24315	Skewness	.0712333
99%	31.76982	42.74899	Kurtosis	2.94145

mf3_physatt

Percentiles		Smallest		
1%	-2	-4		
5%	-2	-4		
10%	-1	-4	Obs	16577

```

program1--prepare data.log
25%      -1      -4      Sum of wgt.      16577
50%      0
75%      0      Largest
90%      1      4      Mean      -.185136
95%      2      4      Std. Dev.      .9908126
99%      2      4      Variance      .9817096
      Skewness      .2170988
      Kurtosis      4.121083

```

mf3_groomed

```

-----
Percentiles      Smallest
1%      -2      -4
5%      -1      -4
10%     -1      -4      Obs      16577
25%     -1      -4      Sum of wgt.      16577
50%      0
75%      0      Largest
90%      1      4      Mean      -.1791639
95%      1      4      Std. Dev.      .8225776
99%      2      4      Variance      .6766339
      Skewness      -.0086953
      Kurtosis      4.228094

```

mf3_yrsedu

```

-----
Percentiles      Smallest
1%      -5      -8
5%      -4      -8
10%     -3      -8      Obs      16576
25%     -1      -8      Sum of wgt.      16576
50%      0
75%      1      Largest
90%      2      9      Mean      -.21875
95%      3      9      Std. Dev.      1.85685
99%      4      9      Variance      3.447892
      Skewness      -.0863281
      Kurtosis      4.634196

```

mf3_ln_income

```

-----
Percentiles      Smallest
1%      -9.517514      -10.84873
5%      -6.288787      -10.58247
10%     -1.452252      -10.5598
25%     -.0953007      -10.54165      Obs      16141
50%      .4613199      Sum of wgt.      16141
75%      1.385717      Largest
90%      4.622994      11.089
95%      9.53179      11.1033      Mean      .8406827
99%      10.5187      11.2129      Std. Dev.      3.592708
      Variance      12.90755
      Skewness      .3240151
      Kurtosis      5.529034

```

mf3_ahpvt

```

-----
Percentiles      Smallest
1%      -77      -97
5%      -50      -97
10%     -35      -97      Obs      16502
25%     -16      -97      Sum of wgt.      16502
50%      0      Mean      2.837077

```

program1--prepare data.log

75%	22	Largest	Std. Dev.	31.07785
90%	44	98	Variance	965.8328
95%	57	100.3861	Skewness	-.072321
99%	76	106.0482	Kurtosis	3.369711

mf3_peratt

Percentiles		Smallest		
1%	-2	-4		
5%	-2	-4		
10%	-1	-4	Obs	16577
25%	-1	-4	Sum of wgt.	16577
50%	0		Mean	-.1877903
		Largest	Std. Dev.	.9686323
75%	0	4	Variance	.9382486
90%	1	4	Skewness	.2508316
95%	1	4	Kurtosis	4.927367
99%	3	4		

mf3_emosup

Percentiles		Smallest		
1%	-9	-12.79953		
5%	-6	-12		
10%	-4	-12	Obs	16364
25%	-2	-12	Sum of wgt.	16364
50%	.6126642		Mean	.4414397
		Largest	Std. Dev.	3.54126
75%	3	11.08847	Variance	12.54053
90%	5	11.14587	Skewness	-.2028599
95%	6	11.34495	Kurtosis	3.176505
99%	8	11.83166		

mf3_calcage3

Percentiles		Smallest		
1%	-6	-16		
5%	-2	-16		
10%	-1	-16	Obs	16577
25%	0	-16	Sum of wgt.	16577
50%	1		Mean	1.629728
		Largest	Std. Dev.	3.296695
75%	3	20	Variance	10.8682
90%	5	20	Skewness	.8165785
95%	7	20	Kurtosis	8.411255
99%	14	20		

mf3_ee_cgrdp

Percentiles		Smallest		
1%	-1	-1		
5%	-1	-1		
10%	-1	-1	Obs	16573
25%	0	-1	Sum of wgt.	16573
50%	0		Mean	-.0517106
		Largest	Std. Dev.	.3973637
75%	0	1	Variance	.1578979
90%	0	1		

program1--prepare data.log

95%	1	1	Skewness	-.431623
99%	1	1	Kurtosis	6.114269

mf3_ovatt

	Percentiles	Smallest		
1%	-2	-4		
5%	-1.3333333	-4		
10%	-1	-4	Obs	16577
25%	-.6666667	-4	Sum of wgt.	16577
50%	0		Mean	-.1840301
		Largest	Std. Dev.	.7282492
75%	.3333333	2.666667		
90%	.6666667	2.666667	Variance	.5303469
95%	1	2.666667	Skewness	-.0217269
99%	1.666667	2.666667	Kurtosis	4.206891

mf3_ovatt_wgtgrp

	Percentiles	Smallest		
1%	-1	-2		
5%	-.6666667	-2		
10%	-.5000001	-2	Obs	16577
25%	-.3333334	-2	Sum of wgt.	16577
50%	0		Mean	-.092015
		Largest	Std. Dev.	.3641246
75%	.1666666	1.333333		
90%	.3333334	1.333333	Variance	.1325867
95%	.5	1.333333	Skewness	-.0217268
99%	.8333334	1.333333	Kurtosis	4.206891

mf3_sei

	Percentiles	Smallest		
1%	-64	-91.76396		
5%	-50.15177	-91.49276		
10%	-42.00661	-91.25314	Obs	15820
25%	-25.65313	-89.82896	Sum of wgt.	15820
50%	-4.305646		Mean	-6.193046
		Largest	Std. Dev.	26.93713
75%	10.53554	76.47054		
90%	29.41044	77.36749	Variance	725.609
95%	38.5188	77.58386	Skewness	.0758864
99%	56.79254	78.10138	Kurtosis	2.787264

mf3_npboss90

	Percentiles	Smallest		
1%	-64.54045	-76.73506		
5%	-51.11368	-76.73506		
10%	-37.12332	-76.73506	Obs	8184
25%	-16.46024	-76.73506	Sum of wgt.	8184
50%	0		Mean	1.53053
		Largest	Std. Dev.	29.63674
75%	20.36039	78.20376		
90%	41.40376	78.20376	Variance	878.3362
95%	51.42773	78.20376	Skewness	-.0201236
99%	66.86675	78.20376	Kurtosis	2.854592

program1--prepare data.log
mf3_income

Percentiles		Smallest		
1%	-32207.07	-245000		
5%	-16889.3	-245000		
10%	-9999.99	-245000	Obs	16141
25%	-500.006	-245000	Sum of wgt.	16141
50%			Mean	7662.143
		Largest	Std. Dev.	21561.1
75%	16000	240000		
90%	28000	240000	Variance	4.65e+08
95%	37307.16	240000	Skewness	.7564971
99%	63499.98	240000	Kurtosis	42.01668

```
. recode f3_yrsedu 0/11=1 12=2 13/15=3 16=4 17/99=5, gen(f3_edu5) ;
(16577 differences between f3_yrsedu and f3_edu5)
```

```
. recode m3_yrsedu 0/11=1 12=2 13/15=3 16=4 17/99=5, gen(m3_edu5) ;
(16576 differences between m3_yrsedu and m3_edu5)
```

```
. label define edu5
> 1 "lt HS"
> 2 "HS Graduate"
> 3 "some College"
> 4 "College Grad"
> 5 "Grad/Prof Degree",
> modify ;
```

```
. label values f3_edu5 edu5 ;
```

```
. label values m3_edu5 edu5 ;
```

```
. table f3_edu5 if _mj==0, contents(mean mf3_bmi mean mf3_physatt mean mf3_groomed)
;
```

RECODE of f3_yrsedu (w3 - Years of Edu)	mean(mf3_bmi)	mean(mf3_ph~t)	mean(mf3_gr~d)
lt HS	.1392834	-.2272727	-.1487603
HS Graduate	-.2984277	-.150838	-.150838
some College	1.160797	-.2052731	-.2033898
College Grad	2.579122	-.1703704	-.1925926
Grad/Prof Degree	2.499612	-.1774193	-.3064516

```
. table m3_edu5 if _mj==0, contents(mean mf3_bmi mean mf3_physatt mean mf3_groomed)
;
```

RECODE of m3_yrsedu (w3 - Years of Edu)	mean(mf3_bmi)	mean(mf3_ph~t)	mean(mf3_gr~d)
lt HS	-1.587783	-.1219512	-.184669
HS Graduate	.0388697	-.1740614	-.1774744
some College	2.138264	-.2596566	-.2017167
College Grad	2.409927	-.0873786	-.1262136
Grad/Prof Degree	2.865929	-.1875	-.09375

program1--prepare data.log

```
. table f3_edu5 if _mj==0, contents(mean mf3_ln_income mean mf3_ahpvt mean mf3_calcage3) ;
```

RECODE of f3_yrsedu (w3 - Years of Edu)	mean(mf3_ln~e)	mean(mf3_ah~t)	mean(mf3_ca~3)
lt HS	1.106069	8.930435	2.280992
HS Graduate	1.03037	4.928994	1.895717
some College	.508036	-1.243564	1.254237
College Grad	.8045315	-2.713178	1.222222
Grad/Prof Degree	1.005464	4.967213	.8870968

```
. table m3_edu5 if _mj==0, contents(mean mf3_ln_income mean mf3_ahpvt mean mf3_calcage3) ;
```

RECODE of m3_yrsedu (w3 - Years of Edu)	mean(mf3_ln~e)	mean(mf3_ah~t)	mean(mf3_ca~3)
lt HS	.6153235	-.5474452	1.634146
HS Graduate	.9687512	2.827338	1.65529
some College	.7122706	4.281818	1.487124
College Grad	1.108738	2.858586	1.514563
Grad/Prof Degree	.9167891	4.66129	2.625

```
. table f3_edu5 if _mj==0, contents(mean mf3_peratt mean mf3_emosup) ;
```

RECODE of f3_yrsedu (w3 - Years of Edu)	mean(mf3_pe~t)	mean(mf3_em~p)
lt HS	-.2190083	.4264706
HS Graduate	-.1471136	.6929824
some College	-.2146893	.2107527
College Grad	-.2296296	.4210526
Grad/Prof Degree	-.0967742	.8

```
. table m3_edu5 if _mj==0, contents(mean mf3_peratt mean mf3_emosup) ;
```

RECODE of m3_yrsedu (w3 - Years of Edu)	mean(mf3_pe~t)	mean(mf3_em~p)
lt HS	-.2299652	.1991525
HS Graduate	-.1587031	.6855984
some College	-.2253219	.3671498
College Grad	-.1067961	.0105263
Grad/Prof Degree	-.125	1.018182

```
. table f3_physatt if _mj==0, contents(mean mf3_bmi mean mf3_physatt mean mf3_groomed) ;
```

f3_physatt |

```
program1--prepare data.log
```

t	mean(mf3_bmi)	mean(mf3_ph~t)	mean(mf3_gr~d)
1	.3073729	2.148148	-.037037
2	-6.268062	.9166667	.35
3	-.3475527	.3036913	.0805369
4	1.496702	-.4641638	-.2918089
5	2.779032	-1.264706	-.7016807

```
. table m3_physatt if _mj==0, contents(mean mf3_bmi mean mf3_physatt mean mf3_groomed) ;
```

W3 - Interviewer-rated physical attractiveness	mean(mf3_bmi)	mean(mf3_ph~t)	mean(mf3_gr~d)
Very unattractive	3.711656	-1.933333	-.2666667
Unattractive	-1.000461	-1.085714	-.6285715
About average	.4440631	-.5070785	-.3024453
Attractive	.7995821	.1689059	-.0326296
Very Attractive	2.046609	1.064516	.2419355

```
. table f3_physatt if _mj==0, contents(mean mf3_ln_income mean mf3_ahpvt mean mf3_calcage3 > ) ;
```

f3_physat t	mean(mf3_ln~e)	mean(mf3_ah~t)	mean(mf3_ca~3)
1	-.3349991	-1.555556	1.111111
2	.587463	5.366667	1.4
3	.7888243	3.994709	1.713087
4	.923185	3.268683	1.604096
5	.8748832	-2.333333	1.60084

```
. table m3_physatt if _mj==0, contents(mean mf3_ln_income mean mf3_ahpvt mean mf3_calcage3 > ) ;
```

W3 - Interviewer-rated physical attractiveness	mean(mf3_ln~e)	mean(mf3_ah~t)	mean(mf3_ca~3)
Very unattractive	-.2725846	-.2666667	.8666667
Unattractive	.3029252	4.597015	2.628572
About average	.8495458	2.080214	1.53668
Attractive	.7732906	2.318275	1.658349
Very Attractive	1.350326	7.730435	1.620968

```
. table f3_physatt if _mj==0, contents(mean mf3_peratt mean mf3_emosup) ;
```

f3_physat t	mean(mf3_pe~t)	mean(mf3_em~p)
-------------	----------------	----------------

program1--prepare data.log

	1	1.2
1	.1166667	.5272727
2	.0620805	.572
3	-.3054608	.2905138
4	-.7352941	.4855769

. table m3_physatt if _mj==0, contents(mean mf3_peratt mean mf3_emosup) ;

W3 - Interviewer-rated physical attractiveness	mean(mf3_pe~t)	mean(mf3_em~p)
Very unattractive	-1.466667	-.3076923
Unattractive	-.4571429	.5833333
About average	-.3153153	.5629742
Attractive	-.0383877	.2907489
Very Attractive	.2903226	.5462963

. recode f3_physatt 1/2=2 4/5=4, gen(f3_physatt3) ;
(2915 differences between f3_physatt and f3_physatt3)

. recode m3_physatt 1/2=2 4/5=4, gen(m3_physatt3) ;
(1529 differences between m3_physatt and m3_physatt3)

. table f3_physatt3 if _mj==0, contents(mean mf3_bmi mean mf3_physatt mean mf3_groomed) ;

RECODE of f3_physatt	mean(mf3_bmi)	mean(mf3_ph~t)	mean(mf3_gr~d)
2	-4.295431	1.298851	.2298851
3	-.3475527	.3036913	.0805369
4	1.869304	-.6953884	-.4101942

. table m3_physatt3 if _mj==0, contents(mean mf3_bmi mean mf3_physatt mean mf3_groomed) ;

RECODE of m3_physatt (W3 - Interviewer-rated physical attractiveness)	mean(mf3_bmi)	mean(mf3_ph~t)	mean(mf3_gr~d)
2	-.1758403	-1.235294	-.5647059
3	.4440631	-.5070785	-.3024453
4	1.033909	.3410853	.020155

. table f3_physatt3 if _mj==0, contents(mean mf3_ln_income mean mf3_ahpvt mean mf3_calcage > 3) ;

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RECODE of f3_physat t	mean(mf3_ln~e)	mean(mf3_ah~t)	mean(mf3_ca~3)
2	.2750162	3.218391	1.310345
3	.7888243	3.994709	1.713087
4	.909545	1.713368	1.603155

```
. table m3_physatt3 if _mj==0, contents(mean mf3_ln_income mean mf3_ahpvt mean
mf3_calcage
> 3) ;
```

RECODE of m3_physat t (w3 - Interview er-rated physical attractiv eness)	mean(mf3_ln~e)	mean(mf3_ah~t)	mean(mf3_ca~3)
2	.1838542	3.707317	2.317647
3	.8495458	2.080214	1.53668
4	.880704	3.35216	1.651163

```
. table f3_physatt3 if _mj==0, contents(mean mf3_peratt mean mf3_emosup) ;
```

RECODE of f3_physat t	mean(mf3_pe~t)	mean(mf3_em~p)
2	.3908046	.7375
3	.0620805	.572
4	-.4296117	.3473389

```
. table m3_physatt3 if _mj==0, contents(mean mf3_peratt mean mf3_emosup) ;
```

RECODE of m3_physat t (w3 - Interview er-rated physical attractiv eness)	mean(mf3_pe~t)	mean(mf3_em~p)
2	-.6352941	.4246575
3	-.3153153	.5629742
4	.0248062	.3398576

```
. sum m3_rdur, det ;
```

W3 Relp Duration in Months

Percentiles Smallest

program1--prepare data.log

```

1%      3      3
5%      4      3
10%     7      3      Obs      16261
25%    16      3      Sum of wgt. 16261

50%    34
      Largest      Mean      38.27012
75%    56      150.4498      Std. Dev. 26.64374
90%    76      152.8683      Variance 709.8887
95%    87      153.9856      Skewness .7419321
99%   110      156.7844      Kurtosis 3.062541

```

```

. egen m3_rdur1 = pctl(m3_rdur), p(33) ;
. egen m3_rdur2 = pctl(m3_rdur), p(66) ;
. gen m3_rdur_short = 0 ;
. gen m3_rdur_med = 0 ;
. gen m3_rdur_long = 0 ;
. replace m3_rdur_short = 1 if m3_rdur <= m3_rdur1 ;
(5367 real changes made)
. replace m3_rdur_med = 1 if m3_rdur > m3_rdur1 & m3_rdur <= m3_rdur2 ;
(5366 real changes made)
. replace m3_rdur_long = 1 if m3_rdur >= m3_rdur2 ;
(5845 real changes made)
. sum m3_rdur* ;

```

Variable	Obs	Mean	Std. Dev.	Min	Max
m3_rdur	16261	38.27012	26.64374	3	156.7844
m3_rdur1	16577	21.12339	0	21.12339	21.12339
m3_rdur2	16577	46.55313	0	46.55313	46.55313
m3_rdur_sh~t	16577	.3237618	.4679245	0	1
m3_rdur_med	16577	.3237015	.4679018	0	1
m3_rdur_long	16577	.352597	.477793	0	1

```

. drop m3_rdur1 m3_rdur2 ;
. sum f3_rdur, det ;

```

W3 Relp Duration in Months

```

-----
Percentiles      Smallest
1%      3      3
5%      4      3
10%     7.199798      3      Obs      16349
25%    16      3      Sum of wgt. 16349

50%    34
      Largest      Mean      38.61827
75%    57      170      Std. Dev. 26.70642
90%    76      170      Variance 713.2328
95%    87      170      Skewness .7632764
99%   110      170      Kurtosis 3.286133

```

```

. egen f3_rdur1 = pctl(f3_rdur), p(33) ;

```

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```
. egen f3_rdur2 = pctlile(f3_rdur), p(66) ;
. gen f3_rdur_short = 0 ;
. gen f3_rdur_med = 0 ;
. gen f3_rdur_long = 0 ;
. replace f3_rdur_short = 1 if f3_rdur <= f3_rdur1 ;
(5396 real changes made)
. replace f3_rdur_med = 1 if f3_rdur > f3_rdur1 & f3_rdur <= f3_rdur2 ;
(5490 real changes made)
. replace f3_rdur_long = 1 if f3_rdur >= f3_rdur2 ;
(5845 real changes made)
. sum f3_rdur* ;
```

Variable	Obs	Mean	Std. Dev.	Min	Max
f3_rdur	16349	38.61827	26.70642	3	170
f3_rdur1	16577	21.97955	0	21.97955	21.97955
f3_rdur2	16577	48	0	48	48
f3_rdur_sh~t	16577	.3255113	.4685797	0	1
f3_rdur_med	16577	.3311818	.4706525	0	1
f3_rdur_long	16577	.352597	.477793	0	1

```
. drop f3_rdur1 f3_rdur2 ;
. sum c3_rdur, det ;
```

c3_rdur

Percentiles		Smallest		
1%	-.3344078	-37.90717		
5%	5	-32.08221		
10%	8.04987	-28.66845	Obs	16508
25%	17	-20.44207	Sum of wgt.	16508
50%	34		Mean	38.24061
			Std. Dev.	25.87001
75%	55.77053	Largest		
		161.4341	Variance	669.2576
90%	74.5	161.9928	Skewness	.7059076
95%	84.5	163.3922	Kurtosis	3.155588
99%	106	170		

```
. egen c3_rdur1 = pctlile(c3_rdur), p(33) ;
. egen c3_rdur2 = pctlile(c3_rdur), p(66) ;
. gen c3_rdur_short = 0 ;
. gen c3_rdur_med = 0 ;
. gen c3_rdur_long = 0 ;
. replace c3_rdur_short = 1 if c3_rdur <= c3_rdur1 ;
(5568 real changes made)
. replace c3_rdur_med = 1 if c3_rdur > c3_rdur1 & c3_rdur <= c3_rdur2 ;
```


(5332 real changes made)

```
. replace c3_rdur_long = 1 if c3_rdur >= c3_rdur2 ;
(5757 real changes made)
```

```
. sum c3_rdur* ;
```

Variable	Obs	Mean	Std. Dev.	Min	Max
c3_rdur	16508	38.24061	25.87001	-37.90717	170
c3_rdur1	16577	22	0	22	22
c3_rdur2	16577	47	0	47	47
c3_rdur_sh~t	16577	.3358871	.4723139	0	1
c3_rdur_med	16577	.3216505	.4671238	0	1
c3_rdur_long	16577	.3472884	.4761227	0	1

```
. drop c3_rdur1 c3_rdur2 ;
```

```
. *** Occ Status Diff Vars ***;
. * diff between Partners' Occ Statuses *;
. pwcorr m3_hh7 f3_hh7, sig ;
```

	m3_hh7	f3_hh7
m3_hh7	1.0000	
f3_hh7	0.1729	1.0000
	0.0000	

```
. gen hh7_diff = m3_hh7 - f3_hh7 ;
(749 missing values generated)
```

```
. label var hh7_diff "m3_hh7 - f3_hh7" ;
```

```
. sum hh7_diff ;
```

Variable	Obs	Mean	Std. Dev.	Min	Max
hh7_diff	15828	-.5670647	1.920747	-6	6

```
. pwcorr m4_hh7 f4_hh7, sig ;
```

	m4_hh7	f4_hh7
m4_hh7	1.0000	
f4_hh7	0.1626	1.0000
	0.0000	

```
. gen hh7_diff4 = m4_hh7 - f4_hh7 ;
(1144 missing values generated)
```

```
. label var hh7_diff4 "m4_hh7 - f4_hh7" ;
```

```
. sum hh7_diff4 ;
```

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

```

hh7_diff4 |      15433      program1--prepare data.log      -6      6
           |      -.4189075      2.039745

```

```

. * diff between male partner's occ status and female partner's dad's occ status *;
. pwcorr m3_hh7 f1_dad_hh7, sig ;

```

	m3_hh7	f1_dad~7
m3_hh7	1.0000	
f1_dad_hh7	0.0850	1.0000
	0.0000	

```

. gen hh7_m3d_diff = m3_hh7 - f1_dad_hh7 ;
(854 missing values generated)

```

```

. label var hh7_m3d_diff "m3_hh7 - f1_dad_hh7" ;
. sum hh7_m3d_diff ;

```

Variable	Obs	Mean	Std. Dev.	Min	Max
hh7_m3d_diff	15723	.8220759	2.375001	-6	6

```

. pwcorr m3_npboss90 f1_dad_npboss90, sig ;

```

	m3_np~90	f1_da~90
m3_npboss90	1.0000	
f1_dad_np~90	0.1502	1.0000
	0.0000	

```

. gen npboss90_m3d_diff = m3_npboss90 - f1_dad_npboss90 ;
(9581 missing values generated)

```

```

. label var npboss90_m3d_diff "m3_npboss90 - f1_dad_npboss90" ;
. sum npboss90_m3d_diff ;

```

Variable	Obs	Mean	Std. Dev.	Min	Max
npboss90_m~f	6996	-6.719835	29.59851	-84.15323	75.24076

```

. * diff between female partner's occ status and male partner's dad's occ status *;
. pwcorr f3_hh7 m1_dad_hh7, sig ;

```

	f3_hh7	m1_dad~7
f3_hh7	1.0000	
m1_dad_hh7	0.0587	1.0000
	0.0000	

```

. gen hh7_f3d_diff = f3_hh7 - m1_dad_hh7 ;
(915 missing values generated)

```

```

. label var hh7_f3d_diff "f3_hh7 - m1_dad_hh7" ;

```

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. sum hh7_f3d_diff ;

Variable	Obs	Mean	Std. Dev.	Min	Max
hh7_f3d_diff	15662	1.31736	2.357148	-6	6

. pwcorr f3_npboss90 m1_dad_npboss90, sig ;

	f3_np~90	m1_da~90
f3_npboss90	1.0000	
m1_dad_np~90	0.0720 0.0000	1.0000

. gen npboss90_f3d_diff = f3_npboss90 - m1_dad_npboss90 ;
(10087 missing values generated)

. label var npboss90_f3d_diff "f3_npboss90 - m1_dad_npboss90" ;

. sum npboss90_f3d_diff ;

Variable	Obs	Mean	Std. Dev.	Min	Max
npboss90_f~f	6490	-8.990165	31.43215	-84.15323	75.63165

. * diff between male partner's occ status and female partner's mom's occ status * ;
. pwcorr m3_hh7 f1_mom_hh7, sig ;

	m3_hh7	f1_mom~7
m3_hh7	1.0000	
f1_mom_hh7	0.1790 0.0000	1.0000

. gen hh7_m3m_diff = m3_hh7 - f1_mom_hh7 ;
(804 missing values generated)

. label var hh7_m3m_diff "m3_hh7 - f1_mom_hh7" ;

. sum hh7_m3m_diff ;

Variable	Obs	Mean	Std. Dev.	Min	Max
hh7_m3m_diff	15773	-.7085209	2.086432	-6	6

. * diff between female partner's occ status and male partner's mom's occ status * ;
. pwcorr f3_hh7 m1_mom_hh7, sig ;

	f3_hh7	m1_mom~7
f3_hh7	1.0000	
m1_mom_hh7	0.0976 0.0000	1.0000

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```
. gen hh7_f3m_diff = f3_hh7 - m1_mom_hh7 ;
(920 missing values generated)
```

```
. label var hh7_f3m_diff "f3_hh7 - m1_mom_hh7" ;
```

```
. sum hh7_f3m_diff ;
```

Variable	Obs	Mean	Std. Dev.	Min	Max
hh7_f3m_diff	15657	-.2589257	2.093524	-6	6

```
. * diff between male's dad's occ status and female's dad's occ status *;
. pwcorr f1_dad_hh7 m1_dad_hh7, sig ;
```

	f1_dad~7	m1_dad~7
f1_dad_hh7	1.0000	
m1_dad_hh7	0.1870 0.0000	1.0000

```
. gen hh7_dad_diff = f1_dad_hh7 - m1_dad_hh7 ;
(963 missing values generated)
```

```
. label var hh7_dad_diff "f1_dad_hh7 - m1_dad_hh7" ;
```

```
. sum hh7_dad_diff ;
```

Variable	Obs	Mean	Std. Dev.	Min	Max
hh7_dad_diff	15614	-.0754131	2.488408	-6	6

```
. pwcorr f1_dad_npboss90 m1_dad_npboss90, sig ;
```

	f1_da~90	m1_da~90
f1_dad_np~90	1.0000	
m1_dad_np~90	0.1664 0.0000	1.0000

```
. gen npboss90_dad_diff = f1_dad_npboss90 - m1_dad_npboss90 ;
(10593 missing values generated)
```

```
. label var npboss90_dad_diff "f1_dad_npboss90 - m1_dad_npboss90" ;
```

```
. sum npboss90_dad_diff ;
```

Variable	Obs	Mean	Std. Dev.	Min	Max
npboss90_d~f	5984	.2043767	27.27621	-72.75893	72.94981

```
. * diff between male's mom's occ status and female's mom's occ status *;
. pwcorr f1_mom_hh7 m1_mom_hh7, sig ;
```

	f1_mom~7	m1_mom~7
f1_mom_hh7	1.0000	

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m1_mom_hh7	0.1410	1.0000
	0.0000	

. gen hh7_mom_diff = f1_mom_hh7 - m1_mom_hh7 ;
 (947 missing values generated)

. label var hh7_mom_diff "f1_mom_hh7 - m1_mom_hh7" ;
 . sum hh7_mom_diff ;

Variable	Obs	Mean	Std. Dev.	Min	Max
hh7_mom_diff	15630	-.1113884	2.20963	-6	5.5

. * diff between male partner's w4 occ status and female partner's dad's occ status
 * ;
 . pwcorr m4_hh7 f1_dad_hh7, sig ;

	m4_hh7	f1_dad~7
m4_hh7	1.0000	
f1_dad_hh7	0.0916	1.0000
	0.0000	

. gen hh7_m4d_diff = m4_hh7 - f1_dad_hh7 ;
 (1140 missing values generated)

. label var hh7_m4d_diff "m4_hh7 - f1_dad_hh7" ;
 . sum hh7_m4d_diff ;

Variable	Obs	Mean	Std. Dev.	Min	Max
hh7_m4d_diff	15437	.988113	2.425951	-6	6

. pwcorr m4_npboss90 f1_dad_npboss90 , sig ;

	m4_np~90	f1_da~90
m4_npboss90	1.0000	
f1_dad_np~90	0.1189	1.0000
	0.0000	

. gen npboss90_m4d_diff = m4_npboss90 - f1_dad_npboss90 ;
 (12551 missing values generated)

. label var npboss90_m4d_diff "m4_npboss90 - f1_dad_npboss90" ;
 . sum npboss90_m4d_diff ;

Variable	Obs	Mean	Std. Dev.	Min	Max
npbo~4d_diff	4026	-.1568106	30.1261	-80.50416	70.64076

```
. * diff between female partner's w4 occ status and male partner's dad's occ status
* ;
. pwcorr f4_npboss90 m1_dad_npboss90, sig ;
```

	f4_np~90	m1_da~90
f4_npboss90	1.0000	
m1_dad_np~90	0.0619 0.0000	1.0000

```
. gen npboss90_f4d_diff = f4_npboss90 - m1_dad_npboss90 ;
(11594 missing values generated)
. label var npboss90_f4d_diff "f4_npboss90 - m1_dad_npboss90" ;
. sum npboss90_f4d_diff ;
```

Variable	Obs	Mean	Std. Dev.	Min	Max
npb~f4d_diff	4983	-.8538691	33.13329	-79.88879	82.74076

```
. pwcorr f4_hh7 m1_dad_hh7, sig ;
```

	f4_hh7	m1_dad~7
f4_hh7	1.0000	
m1_dad_hh7	0.1008 0.0000	1.0000

```
. gen hh7_f4d_diff = f4_hh7 - m1_dad_hh7 ;
(1059 missing values generated)
. label var hh7_f4d_diff "f4_hh7 - m1_dad_hh7" ;
. sum hh7_f4d_diff ;
```

Variable	Obs	Mean	Std. Dev.	Min	Max
hh7_f4d_diff	15518	1.625725	2.293368	-6	6

```
. * diff between male partner's w4 occ status and female partner's mom's occ status
* ;
. pwcorr m4_hh7 f1_mom_hh7, sig ;
```

	m4_hh7	f1_mom~7
m4_hh7	1.0000	
f1_mom_hh7	0.1320 0.0000	1.0000

```
. gen hh7_m4m_diff = m4_hh7 - f1_mom_hh7 ;
(1164 missing values generated)
. label var hh7_m4m_diff "m4_hh7 - f1_mom_hh7" ;
```

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. sum hh7_m4m_diff ;

Variable	Obs	Mean	Std. Dev.	Min	Max
hh7_m4m_diff	15413	-.5647181	2.208913	-6	6

. * diff between female partner's w4 occ status and male partner's mom's occ status
*;

. pwcorr f4_hh7 m1_mom_hh7, sig ;

	f4_hh7	m1_mom~7
f4_hh7	1.0000	
m1_mom_hh7	0.0501	1.0000
	0.0000	

. gen hh7_f4m_diff = f4_hh7 - m1_mom_hh7 ;
(1120 missing values generated)

. label var hh7_f4m_diff "f4_hh7 - m1_mom_hh7" ;

. sum hh7_f4m_diff ;

Variable	Obs	Mean	Std. Dev.	Min	Max
hh7_f4m_diff	15457	.0379116	2.131518	-6	6

. * diff between female parnter's mobility and male partner's mobility -- hh7*;
*;

. pwcorr hh7_m3d_diff hh7_f3d_diff ;

	hh7_m3d~	hh7_f3d~
hh7_m3d_diff	1.0000	
hh7_f3d_diff	0.0732	1.0000

. gen mf3_hh7_mob_diff = hh7_m3d_diff - hh7_f3d_diff ;
(1213 missing values generated)

. label var mf3_hh7_mob_diff "hh7_m3d_diff - hh7_f3d_diff" ;

. sum mf3_hh7_mob_diff ;

Variable	Obs	Mean	Std. Dev.	Min	Max
mf3_hh7_mo~f	15364	-.491018	3.223046	-11	11

. * diff between female parnter's mobility and male partner's mobility -- npboss90
*;

. pwcorr npboss90_m3d_diff npboss90_f3d_diff ;

	npboss..	npboss..
npb~m3d_diff	1.0000	
npb~f3d_diff	0.1812	1.0000

. gen mf3_npb_mob_diff = npboss90_m3d_diff - npboss90_f3d_diff ;
(13431 missing values generated)

. label var mf3_npb_mob_diff "npboss90_m3d_diff - npboss90_f3d_diff" ;

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```
. sum mf3_npb_mob_diff ;
```

Variable	Obs	Mean	Std. Dev.	Min	Max
mf3_npb_mo~f	3146	.7253917	39.43328	-126.3069	104.0124

```
. des hh7_diff
```

```
> hh7_m3d_diff hh7_f3d_diff hh7_m3m_diff hh7_f3m_diff
> hh7_dad_diff hh7_mom_diff
> hh7_m4d_diff hh7_f4d_diff hh7_m4m_diff hh7_f4m_diff ;
```

variable name	storage type	display format	value label	variable label
hh7_diff	float	%9.0g		m3_hh7 - f3_hh7
hh7_m3d_diff	float	%9.0g		m3_hh7 - f1_dad_hh7
hh7_f3d_diff	float	%9.0g		f3_hh7 - m1_dad_hh7
hh7_m3m_diff	float	%9.0g		m3_hh7 - f1_mom_hh7
hh7_f3m_diff	float	%9.0g		f3_hh7 - m1_mom_hh7
hh7_dad_diff	float	%9.0g		f1_dad_hh7 - m1_dad_hh7
hh7_mom_diff	float	%9.0g		f1_mom_hh7 - m1_mom_hh7
hh7_m4d_diff	float	%9.0g		m4_hh7 - f1_dad_hh7
hh7_f4d_diff	float	%9.0g		f4_hh7 - m1_dad_hh7
hh7_m4m_diff	float	%9.0g		m4_hh7 - f1_mom_hh7
hh7_f4m_diff	float	%9.0g		f4_hh7 - m1_mom_hh7

```
. sum hh7_diff
```

```
> hh7_m3d_diff hh7_f3d_diff hh7_m3m_diff hh7_f3m_diff
> hh7_dad_diff hh7_mom_diff
> hh7_m4d_diff hh7_f4d_diff hh7_m4m_diff hh7_f4m_diff ;
```

Variable	Obs	Mean	Std. Dev.	Min	Max
hh7_diff	15828	-.5670647	1.920747	-6	6
hh7_m3d_diff	15723	.8220759	2.375001	-6	6
hh7_f3d_diff	15662	1.31736	2.357148	-6	6
hh7_m3m_diff	15773	-.7085209	2.086432	-6	6
hh7_f3m_diff	15657	-.2589257	2.093524	-6	6
hh7_dad_diff	15614	-.0754131	2.488408	-6	6
hh7_mom_diff	15630	-.1113884	2.20963	-6	5.5
hh7_m4d_diff	15437	.988113	2.425951	-6	6
hh7_f4d_diff	15518	1.625725	2.293368	-6	6
hh7_m4m_diff	15413	-.5647181	2.208913	-6	6
hh7_f4m_diff	15457	.0379116	2.131518	-6	6

```
. /*
```

```
> -- when female was the recruited partner (f3_partner==1) then there is w4 info on the mal
> e partner.
> -- when female was not the recruited partner (f3_partner==0) then there is w4 info on the
> female partner.
> -- when female was not the recruited partner (f3_partner==0) then there is not w4 info on
> the male partner.
> -- when female was the recruited partner (f3_partner==1) then there is not w4 info on the
> female partner.
> */
```


program1--prepare data.log

```
>
> foreach var in m4_hh7 hh7_m4d_diff hh7_m4m_diff m4_npboss90 npboss90_m4d_diff { ;
  2. replace `var' = . if f3_partner == 0 ;
  3. } ;
(8150 real changes made, 8150 to missing)
(8150 real changes made, 8150 to missing)
(8150 real changes made, 8150 to missing)
(0 real changes made)
(0 real changes made)

. foreach var in f4_hh7 hh7_f4d_diff hh7_f4m_diff f4_npboss90 npboss90_f4d_diff { ;
  2. replace `var' = . if f3_partner == 1 ;
  3. } ;
(6920 real changes made, 6920 to missing)
(6920 real changes made, 6920 to missing)
(6920 real changes made, 6920 to missing)
(0 real changes made)
(0 real changes made)

. * Average couple age--I examine age diff too but most couples are similar in age ;
. gen c3_calcage3 = (m3_calcage3 + f3_calcage3)/2 ;

. ** Family of origins (Dad) working class or white collar? **;
. * Prior authors (eg Elder) thought that women of working-class origins would be
more like
> ly to use beauty to achieve upward mobility ;
. foreach ltr in f m { ;
  2. gen `ltr'1_wc_hh7 = 0 ;
  3. replace `ltr'1_wc_hh7 = 1 if `ltr'1_dad_hh7 >=4 ;
  4. label var `ltr'1_wc_hh7 "working class origins, HH7" ;
  5. gen `ltr'1_wc_sei = 0 ;
  6. replace `ltr'1_wc_sei = 1 if `ltr'1_dad_sei <= 50 ;
  7. label var `ltr'1_wc_sei "working class origins, sei" ;
  8. gen `ltr'1_wc_npboss90 = 0 ;
  9. replace `ltr'1_wc_npboss90 = 1 if `ltr'1_dad_npboss90 <= 50 ;
  10. label var `ltr'1_wc_npboss90 "working class origins, npboss90" ;
  11. } ;
(4607 real changes made)
(12699 real changes made)
(5896 real changes made)
(4848 real changes made)
(12476 real changes made)
(6127 real changes made)

. *** Save Data for Analysis in "exchange and matching - analysis" ***;
. save "...program1--prepare data.dta", replace ;
file ...program1--prepare data.dta saved

. *** End Program ***;
. clear ;

. log close ;
  name: <unnamed>
  log: ...program1--prepare data.log
  log type: text
  closed on: 2 Sep 2014, 16:04:05
```
