

```

1 . set more off

2 . pwd
  /Users/robertyaffee/Documents/data/research/chwk/phase3/Htests/H1tests/H1pt1/w
> ork

3 . di c(filename)
  chwide26june2012.dta

4 . di "$User"

5 .
6 . cd /Users/robertyaffee/Documents/data/research/chwk/phase3/Htests/H1tests/H1
> pt1/work
  /Users/robertyaffee/Documents/data/research/chwk/phase3/Htests/H1tests/H1pt1/w
> ork

7 . use chwide25june2012, clear
  (Zero for missing on all icdx)

8 . save chwide26june2012, replace
  file chwide26june2012.dta saved

9 .
10 . di c(machine_type)
    Macintosh (Intel 64-bit)

11 . di c(os)
    MacOSX

12 . di c(osdtl)
    10.6.8

13 .
14 .
15 .

```

```
16 . title "Hypothesis 1 part 1 Male Dose => Energy Level Analysis"
```

```
*****
> *
*****
> *
*****                                     ****
> *
*****                                     ****
> *
*****      Hypothesis 1 part 1 Male Dose => Energy Level Analysis      ****
> *
*****                                     ****
> *
*****                                     ****
> *
*****                                     ****
> *
*****                                     29 Jun 2012    07:48:05    ****
> *
*****
> *
```

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17 .
```

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18 .
```

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19 .
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```
20 . *** male basis functions ( most interactions get deleted owing to collinea
> rity)
```

```
21 .
```

```
22 .
```

```
23 . cap gen bfmEL1 = max(0, BSIsoma - 21928)
```

```
24 . cap gen bfmEL2 = max(0, 21928 - BSIsoma)
```

```

25 . cap gen bfmEL3 = max(0, BSiposymp - 21988)
26 . cap gen bfmEL4 = max(0, 21988 - BSiposymp)
27 . cap gen bfmEL6 = max(0, 21921 - suprtw2) * bfmEL3
28 . cap gen bfmEL7 = max(0, age - 46) * bfmEL1
29 . cap gen bfmEL8 = max(0, 46 - age) * bfmEL1
30 . cap gen bfmEL9 = max(0, avgcumdosew3 - 21916) * bfmEL2
31 . cap gen bfmEL10 = max(0, drinkspw2 - 21916.3) * bfmEL1
32 . cap gen bfmEL11 = max(0, 21916.3 - drinkspw2) * bfmEL1
33 . cap gen bfmEL12 = max(0, BSipar - 21926) * bfmEL3
34 . cap gen bfmEL13 = max(0, 21926 - BSipar) * bfmEL3
35 . cap gen bfmEL14 = max(0, occ5w3 - 21916) * bfmEL3
36 . cap gen bfmEL16 = max(0, 22136 - kmacc)
37 . cap gen bfmEL17 = max(0, depagw1 - 21976) * bfmEL16
38 . cap gen bfmEL18 = max(0, 21976 - depagw1) * bfmEL16
39 .
40 . label var bfmEL1 " max(0, BSIsoma - 21928)"
41 . label var bfmEL2 " max(0, 21928 - BSIsoma)"
42 . label var bfmEL3 " max(0, BSiposymp - 21988)"
43 . label var bfmEL4 " max(0, 21988 - BSiposymp)"

```


> *

```

60 .
61 .
62 . set more off

63 . des WHPel age educ2-educ7 marrw11-marrw13 marrw15 childw1 ///
>   emplw12-emplw16 occ1w1-occ8w1 inclw1-inc4w1 radhlw1 radchw1 ///
>   radtlw1 havmil bfmEL2 bfmEL4 bfmEL16 ///
>   dvcew1 sepaw1 ///
>   shhlw1 shhousw1 phlthw1 suprtw1 fdferw1 healthef carcin ///
>   dafter near chsize icdxcnt

```

variable name	storage type	display format	value label	variable label
WHPel	double	%9.0g		Wtd Health Profile Pt 1 Energy Level Subscale
age	byte	%8.0g		* Respondent's age
educ2	byte	%8.0g		educ==2. graduated high school
educ3	byte	%8.0g		educ==3. technical degree
educ4	byte	%8.0g		educ==4. did not finish college/bachelor's
educ5	byte	%8.0g		educ==5. graduated college/bachelor's
educ6	byte	%8.0g		educ==6. finished specialist/master's degree
educ7	byte	%8.0g		educ==7. doctor of science/phd
marrw11	byte	%8.0g		marrw1==1. single
marrw12	byte	%8.0g		marrw1==2. cohabitating
marrw13	byte	%8.0g		marrw1==3. married
marrw15	byte	%8.0g		marrw1==5. divorced
childw1	byte	%8.0g		number of children in 1986
emplw12	byte	%8.0g		emplw1==1. full time
emplw13	byte	%8.0g		emplw1==2. part time
emplw14	byte	%8.0g		emplw1==3. voluntary
emplw15	byte	%8.0g		emplw1==4. retired
emplw16	byte	%8.0g		emplw1==5. unemployed
occ1w1	byte	%15.0g	LABJ	profess executive administration in 1986
occ2w1	byte	%15.0g	LABJ	technical sales admin support in 1986
occ3w1	byte	%15.0g	LABJ	service occup protective services in 1986
occ4w1	byte	%15.0g	LABJ	precision prod mechan craft construction in 1986
occ5w1	byte	%15.0g	LABJ	factory laborer machinist transp

occ6w1	byte	%15.0g	LABJ	cleaner in 1986 farming agricul forestry fishing trapping logging in 1986
occ7w1	byte	%15.0g	LABJ	homemaking or caregiving in 1986
occ8w1	byte	%15.0g	LABJ	student in 1986
inc1w1	byte	%15.0g	LABJ	Income is not sufficient for basic neccessities in 1986
inc2w1	byte	%15.0g	LABJ	Income is just sufficient for basic neccessities in 1986
inc3w1	byte	%15.0g	LABJ	Income is sufficient for basics plus extra purchases/savings in 1986
inc4w1	byte	%15.0g	LABJ	Income allows to comfortably afford luxury items in 1986
radhlw1	byte	%8.0g		Self-perceived Chornobyl health threat in wave 1
radchw1	byte	%8.0g		believed % of polution related to chornobyl in 1986
radtlw1	byte	%8.0g		believed % of cumulative radiation exposed to in a lifetime in 1986
havmil	double	%9.0g		Distance from Chornobyl in miles
bfmEL2	float	%9.0g		max(0, 21928 - BSIsoma)
bfmEL4	float	%9.0g		max(0, 21988 - BSiposymp)
bfmEL16	float	%9.0g		max(0, 22136 - kmacc)
dvcew1	byte	%8.0g		Total number of divorces experienced in time period 1976-1986
sepaw1	byte	%8.0g		Total number of separations experienced in time period 1976-1986
shhlw1	byte	%8.0g		Percentage of strains and hassles related to health in 1986
shhousw1	byte	%8.0g		Percentage of strains and hassles related to housing in 1986
phlthw1	byte	%8.0g		level of general physical health in 1986
suprtw1	byte	%8.0g		Level of support (in percent) from partner in 1986
fdferw1	byte	%8.0g		* level of fear in percent from consuming foods contaminated with radiation in 197
healthef	byte	%8.0g		* a person exposed to any radiation likely to suffer from (% of agreement)
carcin	byte	%8.0g		* a person exposed to carcinogen is likely to get cancer (% of

dafter	int	%8.0g	agreement) * how many days lapsed after Chornobyl accident before you heard about the acciden
near	byte	%8.0g	* radiation from a nuclear plant site is more concentrated near the plant (% of ag
chsize	byte	%8.0g	* the radioactive fallout from chornobyl affected more people than the radioactive
icdxcnt	byte	%9.0g	count of icdx illnesses

```

64 .
65 . regress WHPel age educ2-educ7 marrw11-marrw13 marrw15 childw1 ///
>   emplw12-emplw16 occ1w1-occ8w1 inclw1-inc4w1 radhlw1 radchwl1 ///
>   radtlw1 havmil bfmEL2 bfmEL4 bfmEL16 dvcew1 sepaw1 ///
>   shhlw1 shhousw1 phlthw1 healthef suprtw1 fdferw1 carcin ///
>   dafter near chsize polprw1 icdxcnt if gender==1, vce(cluster id)

```

Linear regression	Number of obs =	336
	F(48, 335) =	.
	Prob > F =	.
	R-squared =	0.4722
	Root MSE =	23.659

(Std. Err. adjusted for 336 clusters in id)

WHPel	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
age	.5162134	.2545085	2.03	0.043	.0155772	1.01685
educ2	25.76872	15.99624	1.61	0.108	-5.697023	57.23446
educ3	24.85643	15.17597	1.64	0.102	-4.99578	54.70864
educ4	19.61361	15.44909	1.27	0.205	-10.77583	50.00306
educ5	28.09557	15.38404	1.83	0.069	-2.165933	58.35707
educ6	25.35583	15.22782	1.67	0.097	-4.598374	55.31002
educ7	28.01753	18.89924	1.48	0.139	-9.158611	65.19367
marrw11	.5742487	6.729163	0.09	0.932	-12.66249	13.81099
marrw12	-34.30995	12.50599	-2.74	0.006	-58.91011	-9.709789
marrw13	-12.83407	8.637278	-1.49	0.138	-29.8242	4.15607
marrw15	22.34065	16.57452	1.35	0.179	-10.2626	54.9439
childw1	2.462458	2.877025	0.86	0.393	-3.196853	8.121769
emplw12	-.909535	12.31592	-0.07	0.941	-25.13582	23.31675
emplw13	-4.550379	12.28223	-0.37	0.711	-28.71039	19.60964
emplw14	11.79167	16.91123	0.70	0.486	-21.47391	45.05725
emplw15	-1.847638	20.76961	-0.09	0.929	-42.70293	39.00765
emplw16	-.901729	13.02973	-0.07	0.945	-26.53212	24.72867
occ1w1	6.684843	10.93863	0.61	0.542	-14.83222	28.20191
occ2w1	-7.544009	11.27717	-0.67	0.504	-29.727	14.63898

occ3w1	6.47608	13.21652	0.49	0.624	-19.52175	32.47391
occ4w1	-7.266231	11.61562	-0.63	0.532	-30.11498	15.58252
occ5w1	6.944963	12.55709	0.55	0.581	-17.75572	31.64565
occ6w1	6.70162	12.04366	0.56	0.578	-16.98911	30.39235
occ7w1	-21.18552	14.24555	-1.49	0.138	-49.20751	6.836478
occ8w1	3.836964	11.5262	0.33	0.739	-18.83588	26.50981
inc1w1	4.75152	8.609246	0.55	0.581	-12.18347	21.68652
inc2w1	2.772664	8.500158	0.33	0.744	-13.94775	19.49307
inc3w1	8.433738	8.688364	0.97	0.332	-8.656889	25.52436
inc4w1	9.20006	9.474118	0.97	0.332	-9.436199	27.83632
radhlw1	-.0183632	.0577252	-0.32	0.751	-.1319127	.0951863
radchwl	-.000903	.0530033	-0.02	0.986	-.1051643	.1033582
radtlw1	.0976357	.0554023	1.76	0.079	-.0113446	.206616
havmil	.0368408	.0295072	1.25	0.213	-.0212019	.0948836
bfmEL2	-1.373308	.5233468	-2.62	0.009	-2.402768	-.3438477
bfmEL4	-.3825732	.1229447	-3.11	0.002	-.6244141	-.1407323
bfmEL16	.0308178	.0184627	1.67	0.096	-.0054997	.0671353
dvcew1	-47.52869	14.1357	-3.36	0.001	-75.33461	-19.72277
sepaw1	31.96713	12.11308	2.64	0.009	8.139841	55.79442
shhlw1	-.1413466	.0649582	-2.18	0.030	-.2691239	-.0135692
shhousw1	.1221033	.0617326	1.98	0.049	.0006709	.2435356
phlthw1	-.2503417	.1121567	-2.23	0.026	-.4709617	-.0297216
healthef	.6547828	.1541091	4.25	0.000	.3516394	.9579263
suprtw1	.0132266	.0757383	0.17	0.861	-.135756	.1622091
fdferw1	.0857284	.0556953	1.54	0.125	-.0238282	.195285
carcin	-.7184811	.1351351	-5.32	0.000	-.9843015	-.4526608
dafter	.0160235	.0127859	1.25	0.211	-.0091272	.0411743
near	-.1438832	.0430021	-3.35	0.001	-.2284715	-.059295
chsize	-.1256324	.05382	-2.33	0.020	-.2315002	-.0197646
polprw1	-.0823268	.0443393	-1.86	0.064	-.1695453	.0048917
icdxcnt	3.395729	1.045264	3.25	0.001	1.339621	5.451837
_cons	37812.88	9939.474	3.80	0.000	18261.24	57364.53

```

66 .
67 . scalar fw1 = e(r2_a)

```

```
*****
> *
*****
> *
*****
> *
*****
wave 1 trimmed male model with basis functions
> *
*****
> *
*****
> *
*****
29 Jun 2012 07:48:05
> *
*****
> *
*****
> *
```

	storage	display	value	
variable name	type	format	label	variable label
WHPe1	double	%9.0g		Wtd Health Profile Pt 1 Energy Level Subscale
age	byte	%8.0g	*	Respondent's age
educ2	byte	%8.0g		educ==2. graduated high school
educ3	byte	%8.0g		educ==3. technical degree
educ4	byte	%8.0g		educ==4. did not finish college/bachelor's
educ5	byte	%8.0g		educ==5. graduated college/bachelor's
educ6	byte	%8.0g		educ==6. finished specialist/master's degree

educ7	byte	%8.0g		educ==7. doctor of science/phd
marrw11	byte	%8.0g		marrw1==1. single
marrw12	byte	%8.0g		marrw1==2. cohabitating
marrw13	byte	%8.0g		marrw1==3. married
marrw15	byte	%8.0g		marrw1==5. divorced
childw1	byte	%8.0g		number of children in 1986
emplw12	byte	%8.0g		emplw1==1. full time
emplw13	byte	%8.0g		emplw1==2. part time
emplw14	byte	%8.0g		emplw1==3. voluntary
emplw15	byte	%8.0g		emplw1==4. retired
emplw16	byte	%8.0g		emplw1==5. unemployed
occ1w1	byte	%15.0g	LABJ	profess executive administration in 1986
occ2w1	byte	%15.0g	LABJ	technical sales admin support in 1986
occ3w1	byte	%15.0g	LABJ	service occup protective services in 1986
occ4w1	byte	%15.0g	LABJ	precision prod mechan craft construction in 1986
occ5w1	byte	%15.0g	LABJ	factory laborer machinist transp cleaner in 1986
occ6w1	byte	%15.0g	LABJ	farming agricul forestry fishing trapping logging in 1986
occ7w1	byte	%15.0g	LABJ	homemaking or caregiving in 1986
occ8w1	byte	%15.0g	LABJ	student in 1986
inclw1	byte	%15.0g	LABJ	Income is not sufficient for basic neccessities in 1986
inc2w1	byte	%15.0g	LABJ	Income is just sufficient for basic neccessities in 1986
inc3w1	byte	%15.0g	LABJ	Income is sufficient for basics plus extra purchases/savings in 1986
inc4w1	byte	%15.0g	LABJ	Income allows to comfortably afford luxury items in 1986
radhlw1	byte	%8.0g		Self-perceived Chornobyl health threat in wave 1
radchw1	byte	%8.0g		believed % of polution related to chornobyl in 1986
radtlw1	byte	%8.0g		believed % of cumulative radiation exposed to in a lifetime in 1986
havmil	double	%9.0g		Distance from Chornobyl in miles
bfmEL2	float	%9.0g		max(0, 21928 - BSIIsoma)
bfmEL4	float	%9.0g		max(0, 21988 - BSIposymp)
bfmEL16	float	%9.0g		max(0, 22136 - kmacc)

```

74 .
75 .
76 . // trimming the model with backward elimination
77 . set more off

78 . sw,pr(.1): regress WHPel age educ2-educ7 marrw11-marrw13 marrw15 childw1 ///
> emplw12-emplw16 occ1w1-occ8w1 inclw1-inc4w1 radhlw1 radchwl carcin healthe
> f ///
> radtlw1 havmil bfmEL2 bfmEL4 bfmEL16 dvcew1 sepaw1 ///
> shhlw1 shhousw1 phlthw1 suprtw1 fdferw1 ///
> dafter near chsize polprw1 icdxcnt if gender==1, vce(cluster id)
begin with full model
p = 0.9864 >= 0.1000 removing radchwl
p = 0.9437 >= 0.1000 removing emplw16
p = 0.9994 >= 0.1000 removing marrw11
p = 0.9961 >= 0.1000 removing emplw12
p = 0.9391 >= 0.1000 removing emplw15
p = 0.8609 >= 0.1000 removing suprtw1
p = 0.7726 >= 0.1000 removing inc2w1
p = 0.7350 >= 0.1000 removing radhlw1
p = 0.6178 >= 0.1000 removing inclw1
p = 0.4698 >= 0.1000 removing occ4w1
p = 0.6234 >= 0.1000 removing occ2w1
p = 0.3158 >= 0.1000 removing inc4w1
p = 0.2781 >= 0.1000 removing childw1
p = 0.2570 >= 0.1000 removing inc3w1
p = 0.2180 >= 0.1000 removing marrw15
p = 0.2100 >= 0.1000 removing emplw13
p = 0.1987 >= 0.1000 removing havmil
p = 0.1824 >= 0.1000 removing bfmEL16
p = 0.1993 >= 0.1000 removing dafter
p = 0.1589 >= 0.1000 removing occ3w1
p = 0.2619 >= 0.1000 removing emplw14
p = 0.1700 >= 0.1000 removing occ5w1
p = 0.1984 >= 0.1000 removing occ8w1
p = 0.1791 >= 0.1000 removing educ4
p = 0.2917 >= 0.1000 removing educ7
p = 0.2143 >= 0.1000 removing educ3
p = 0.4344 >= 0.1000 removing educ6
p = 0.5175 >= 0.1000 removing educ5
p = 0.3609 >= 0.1000 removing educ2

```

Linear regression

```

Number of obs =    336
F( 21,    335) =   18.00
Prob > F       =   0.0000
R-squared      =   0.4312
Root MSE      =   23.4

```

(Std. Err. adjusted for 336 clusters in id)

WHPel	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
age	.4850337	.1718245	2.82	0.005	.1470428	.8230246
dvcew1	-30.68434	16.10553	-1.91	0.058	-62.36504	.9963689
bfmEL4	-.3728317	.112517	-3.31	0.001	-.5941606	-.1515029
fdferw1	.1050531	.0484238	2.17	0.031	.0098001	.200306
occ6w1	8.675087	3.853692	2.25	0.025	1.094603	16.25557
occ7w1	-21.85571	6.84426	-3.19	0.002	-35.31885	-8.392562
shhousw1	.1201482	.053549	2.24	0.026	.0148135	.2254829
chsize	-.1293454	.0513235	-2.52	0.012	-.2303022	-.0283885
marrw12	-33.90136	8.8596	-3.83	0.000	-51.32882	-16.4739
marrw13	-13.36534	4.328789	-3.09	0.002	-21.88038	-4.85031
bfmEL2	-1.397565	.4684157	-2.98	0.003	-2.318972	-.4761584
healthef	.6228537	.1326379	4.70	0.000	.3619455	.8837619
near	-.1381138	.038786	-3.56	0.000	-.2144086	-.0618191
radtlw1	.0792528	.0397767	1.99	0.047	.0010091	.1574964
phlthw1	-.2293904	.1017907	-2.25	0.025	-.4296198	-.0291609
carcin	-.71292	.116834	-6.10	0.000	-.9427407	-.4830992
polprw1	-.0741828	.0405388	-1.83	0.068	-.1539255	.0055599
occlw1	10.85392	3.962436	2.74	0.006	3.059529	18.64831
sepaw1	28.44701	14.973	1.90	0.058	-1.005937	57.89996
icdxcnt	3.305419	.9614664	3.44	0.001	1.414147	5.196692
shhlw1	-.1377549	.054491	-2.53	0.012	-.2449425	-.0305674
_cons	38841.64	8777.807	4.42	0.000	21575.08	56108.21

```

79 .
80 .
81 . // Construction of a matrix for scalar storage for each retrieval
82 .
83 . matrix define MaleWHPelr2 = J(4,7,0)

84 . matrix colnames MaleWHPelr2 = FullBFR2a TR2aBF TR2aNoBF NumBF BFR2cha Num
    > Mods NumMeds

```

```
85 . matrix rownames MaleWHPelr2 = wave1 wave2 wave3 avg
```

```
86 . matlist MaleWHPelr2
```

		FullBFR2a	TR2aBF	TR2aNoBF	NumBF	BFR2cha	NumMod
> s	NumMeds						
>							
	wave1	0	0	0	0	0	
> 0	0						
	wave2	0	0	0	0	0	
> 0	0						
	wave3	0	0	0	0	0	
> 0	0						
	avg	0	0	0	0	0	
> 0	0						

```
87 .
```

```
88 .
```

```
89 .
```

```
90 . // the proper model after some trimming
```

```
91 .
```

```
92 .
```

```
93 . set more off
```

```
94 . des WHPel age educ2-educ7 marrw11-marrw13 marrw14 marrw15 ///
```

```
> dvcew1 sepaw1 ///
```

```
> shhlw1 shhousw1 phlthw1 suprtw1 fdferw1 healthef carcin ///
```

```
> dafter near chsize bfmEL4 icdxcnt
```

variable name	storage type	display format	value label	variable label
WHPel	double	%9.0g		Wtd Health Profile Pt 1 Energy Level Subscale
age	byte	%8.0g		* Respondent's age
educ2	byte	%8.0g		educ==2. graduated high school
educ3	byte	%8.0g		educ==3. technical degree
educ4	byte	%8.0g		educ==4. did not finish college/bachelor's
educ5	byte	%8.0g		educ==5. graduated college/bachelor's
educ6	byte	%8.0g		educ==6. finished specialist/master's degree
educ7	byte	%8.0g		educ==7. doctor of science/phd
marrw11	byte	%8.0g		marrw1==1. single
marrw12	byte	%8.0g		marrw1==2. cohabitating
marrw13	byte	%8.0g		marrw1==3. married
marrw14	byte	%8.0g		marrw1==4. separated

marrw15	byte	%8.0g	marrw1==5. divorced
dvcew1	byte	%8.0g	Total number of divorces
			experienced in time period
			1976-1986
sepaw1	byte	%8.0g	Total number of separations
			experienced in time period
			1976-1986
shhlw1	byte	%8.0g	Percentage of strains and
			hassles related to health in
			1986
shhousw1	byte	%8.0g	Percentage of strains and
			hassles related to housing in
			1986
phlthw1	byte	%8.0g	level of general physical health
			in 1986
suprtw1	byte	%8.0g	Level of support (in percent)
			from partner in 1986
fdferw1	byte	%8.0g	* level of fear in percent from
			consuming foods contaminated
			with radiation in 197
healthef	byte	%8.0g	* a person exposed to any
			radiation likely to suffer
			from (% of agreement)
carcin	byte	%8.0g	* a person exposed to carcinogen
			is likely to get cancer (% of
			agreement)
dafter	int	%8.0g	* how many days lapsed after
			Chornobyl accident before you
			heard about the acciden
near	byte	%8.0g	* radiation from a nuclear plant
			site is more concentrated near
			the plant (% of ag
chsize	byte	%8.0g	* the radioactive fallout from
			chornobyl affected more people
			than the radioactive
bfmEL4	float	%9.0g	max(0, 21988 - BSIposymp)
icdxcnt	byte	%9.0g	count of icdx illnesses

```

95 . regress WHPel age educ2-educ7 marrw11-marrw13 marrw14 marrw15 ///
>     dvcew1 sepaw1 ///
>     shhlw1 shhousw1 phlthw1 suprtw1 fdferw1 healthef carcin ///
>     dafter near chsize bfmEL2 bfmEL4 if gender==1, vce(cluster id)
note: marrw14 omitted because of collinearity

```

Linear regression

```

Number of obs =    338
F( 25,    337) =   29.63
Prob > F       =   0.0000
R-squared      =   0.3973
Root MSE      =   24.249

```

(Std. Err. adjusted for 338 clusters in id)

WHPel	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
age	.6225083	.1790673	3.48	0.001	.2702778	.9747388
educ2	28.9308	13.55445	2.13	0.034	2.268819	55.59277
educ3	25.05493	12.09582	2.07	0.039	1.262105	48.84776
educ4	16.79728	12.75021	1.32	0.189	-8.28274	41.87731
educ5	29.99367	12.65279	2.37	0.018	5.105274	54.88207
educ6	27.85131	12.22189	2.28	0.023	3.810507	51.89212
educ7	31.40148	16.04314	1.96	0.051	-.1558337	62.9588
marrw11	8.419736	6.466407	1.30	0.194	-4.299869	21.13934
marrw12	-21.62165	9.510355	-2.27	0.024	-40.32878	-2.91451
marrw13	-2.166159	7.746566	-0.28	0.780	-17.40387	13.07156
marrw14	0	(omitted)				
marrw15	22.52385	16.92589	1.33	0.184	-10.76985	55.81756
dvcew1	-35.02589	15.25686	-2.30	0.022	-65.03657	-5.015219
sepaw1	29.1634	14.90162	1.96	0.051	-.1485065	58.47531
shhlw1	-.1198894	.0607308	-1.97	0.049	-.2393486	-.0004303
shhousw1	.1252767	.059066	2.12	0.035	.0090922	.2414611
phlthw1	-.2353777	.1045045	-2.25	0.025	-.440941	-.0298144
suprtw1	.0909864	.0547364	1.66	0.097	-.0166816	.1986545
fdferw1	.0740738	.0497859	1.49	0.138	-.0238563	.172004
healthef	.5978986	.1440213	4.15	0.000	.3146047	.8811925
carcin	-.6772123	.1271662	-5.33	0.000	-.9273518	-.4270727
dafter	.0286304	.0096345	2.97	0.003	.0096791	.0475816
near	-.1575489	.0439474	-3.58	0.000	-.2439946	-.0711031
chsize	-.1361969	.0500852	-2.72	0.007	-.2347159	-.0376779
bfmEL2	-1.118747	.5148503	-2.17	0.030	-2.131472	-.106022
bfmEL4	-.4637021	.1175894	-3.94	0.000	-.6950036	-.2324005
_cons	34688.72	9644.698	3.60	0.000	15717.33	53660.12

```

96 .
97 . scalar twlbf = e(r2_a)

98 . scalar list twlbf
      twlbf = .34901196

99 . scalar list
      W2maleELmed = age radfmw3 sleep, illww3 and Hp2sxlife
      W2maleELMed = age and hp2sxlife
      W1MaleELMed = radhlw1 and depagw1
      w1maleELmods = age suprtw1 fdferw1 chsizew1 icdxcnt
      w1numbmaleELmods = 5
      w1nummaleElmods = 5
      r2chabfw1 = .07938894
      twbf2 = .48490811
      twnobf = .26459544
      FemPainDoseMedsw3 = age illw3 phlthw3 radfmw3 hospw3 and radhlw3
      badout = 0
      ckcrit = .31764707
      pctvalid = 62.5
      pctinvalid = 37.5
      numMedFw2 = 1
      FemPainW2Med = age
      numbfsigfw2 = 9
      dsigfw2 = 0
      fw2 = .57745936
      FemPainW1Meds = educ and age
      numModsigFw1 = 0
      numbfsigfw1 = 1
      numMainEffsigFw1 = 5
      dsigfw1 = 0
      numMedPainDoseFsigw3 = 6
      numbfsigTw3 = 15
      numModsigTw3 = 0
      numModsigFw3 = 0
      numbfsigfw3 = 15
      dsigtw3 = 0
      numMedFw3 = 15
      numMainEffsigTw3 = 16
      dsigfw3 = 0
      numMainEffsigFw3 = 16
      fw3 = .63678289
      numbfsigtw2 = 0
      numMedMw2 = 2
      w2numbf = 7
      numbfsigTw2 = 9
      tw2nobf = .26459544
      numModsigTw2 = 3
      tw2bf = .29409811

```

```

numMainEffsigTw2 =          5
    dsigtw2 =          0
numbfsigMw2 =          0
numModsigFw2 =          2
numbfsigFw2 =          3
numMainEffsigFw2 =          8
    dsigFw2 =          .5
    mw2 = .35574302
numModsigTw1 =          1
numMainEffsigTw1 =          5
numModsigMw1 =          0
    dsigtw1 =          3
numbfsigtw1 =          2
NumMainEffsigTw1 =         11
numbfsigMw1 =          1
numMainEffsigMw1 =          7
    Mw1 = .28222811
    dsigMw1 =          1
    wv =          3
    pt =          1
    hyp =          1
W2FemaleELmed = age radfmw3 BSianx BSIdcp icdxcnt radhlw3 illw3 and Hp2sxlife
numMedsw3 =          4
numModsw3 =          1
    avgImpBF = -.01588267
    r2chabfw3 = -.04764801
    w3numbf =          3
    tw3bfbw3 = .39169032
W2FemaleELMed = age and radfmw2 radhlw2 radchw2 illw2 BSianx BSIdcp icdxcnt hp
> 2sxlife
    tw3nobf = .39169032
    tw3bf = .34404231
    fw3wbf = .33260096
numMedsw2 =          2
    tw2bfbw2 = .48481206
avgImpBFw2 = .07519191
    r2chabfw2 = .22557574
NumMedsw2 =          2
numModsw2 =          0
w2numbfw2 =          3
tw2nobfw2 = .1308152
    tw2wbfbw2 = .35639094
    fw2wbfbw2 = .34555619
W1numMELMeds =          2
W1FemaleELMed = age icdxcnt BSIdcp depagw1 BSianx anxagw1 PTSDw1 HP2sxlife
w1numMElMeds =          2
w1nuFemaleElmods =          0
avgImpBFw1 = .05367898
    w1numbf =          3

```

```

r2chabf = .16103694
twlnobf = .18797502
twlbf = .34901196
fwl = .37964479

100 .
101 . * twlbf r2 for trimmed model with basis functions
102 .
103 . set more off

104 . sw,pr(.1): regress WHPel age educ2-educ7 marrw11-marrw15 ///
> dvcew1 sepaw1 illw1 shhlw1 shhousw1 phlthw1 suprtw1 fdferw1 ///
> dafter near chsize ///
> icdxcnt trgovw1 carcin ///
> radhlw1 radchw1 ///
> radtlw1 havmil if gender==1, vce(cluster id)
note: marrw14 dropped because of collinearity
begin with full model
p = 0.9267 >= 0.1000 removing radtlw1
p = 0.9215 >= 0.1000 removing radchw1
p = 0.8822 >= 0.1000 removing illw1
p = 0.8498 >= 0.1000 removing marrw15
p = 0.9494 >= 0.1000 removing marrw11
p = 0.7983 >= 0.1000 removing havmil
p = 0.7793 >= 0.1000 removing dafter
p = 0.6445 >= 0.1000 removing shhlw1
p = 0.5500 >= 0.1000 removing trgovw1
p = 0.4422 >= 0.1000 removing shhousw1
p = 0.4025 >= 0.1000 removing sepaw1
p = 0.2794 >= 0.1000 removing carcin
p = 0.2354 >= 0.1000 removing radhlw1
p = 0.1347 >= 0.1000 removing near
p = 0.1413 >= 0.1000 removing dvcew1
p = 0.1691 >= 0.1000 removing marrw13

Linear regression
Number of obs = 304
F( 13, 303) = 11.18
Prob > F = 0.0000
R-squared = 0.2228
Root MSE = 27.194

```

(Std. Err. adjusted for 304 clusters in id)

WHPel	Robust					
	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
age	.4095855	.1562839	2.62	0.009	.1020463	.7171246
educ2	24.53598	9.99727	2.45	0.015	4.863112	44.20885
educ3	23.69889	7.545293	3.14	0.002	8.85108	38.5467
educ4	20.58511	10.17503	2.02	0.044	.5624367	40.60778
educ5	22.51775	8.948612	2.52	0.012	4.908452	40.12704
educ6	24.33838	7.61613	3.20	0.002	9.35118	39.32559
educ7	28.26003	12.57952	2.25	0.025	3.505761	53.01431
suprtwl	.3752801	.1998424	1.88	0.061	-.0179746	.7685349
marrwl2	-34.82776	4.581693	-7.60	0.000	-43.84373	-25.8118
icdxcnt	3.993819	1.13171	3.53	0.000	1.766813	6.220824
phlthwl	-.2039021	.1129959	-1.80	0.072	-.4262582	.018454
chsize	-.114942	.0628039	-1.83	0.068	-.2385291	.0086451
fdferwl	.1584967	.0472137	3.36	0.001	.0655885	.251405
_cons	-6.616984	15.5485	-0.43	0.671	-37.2137	23.97973

105 . eret list

scalars:

```
e(N_clust) = 304
e(N) = 304
e(df_m) = 13
e(df_r) = 303
e(F) = 11.17521775258462
e(r2) = .222814372851793
e(rmse) = 27.19369367097382
e(mss) = 61482.68731085182
e(rss) = 214454.1228865208
e(r2_a) = .1879750171520458
e(ll) = -1428.298472984467
e(ll_0) = -1466.614033309275
e(rank) = 14
```

```

macros:
    e(cmdline) : "stepwise ,pr(.1): regress WHPel age educ2-educ7 marr
> w11-marrw15    dvcew1 sepaw1 illw1 shhlw1 shhousw1 phlthw1.."
    e(stepwise) : "stepwise"
    e(title) : "Linear regression"
    e(marginsok) : "XB default"
    e(vce) : "cluster"
    e(depvar) : "WHPel"
    e(cmd) : "regress"
    e(properties) : "b V"
    e(predict) : "regres_p"
    e(model) : "ols"
    e(estat_cmd) : "regress_estat"
    e(vcetype) : "Robust"
    e(clustvar) : "id"

matrices:
    e(b) : 1 x 14
    e(V) : 14 x 14
    e(V_modelbased) : 14 x 14

functions:
    e(sample)

106 .
107 . scalar twlnobf = e(r2_a)

108 .
109 . // r2 for trimmed model without basis functions = .183
110 .
111 . scalar wlnumbf= 3

112 .
113 . scalar avgImpBFw1 = r2chabf/wlnumbf

114 . * avgImpBF = average improvement per basis function
115 .

```

```

116 . scalar r2chabf = tw1bf-tw1nobf

117 . * R^ change due to basis functions
118 . scalar list
    W2maleELmed = age radfmw3 sleep, illww3 and Hp2sxlife
    W2maleELMed = age and hp2sxlife
    W1MaleELMed = radhlw1 and depagw1
    w1maleELmods = age suprtw1 fdferw1 chsizew1 icdxcnt
    w1numbmaleELmods =          5
    w1numaleElmods =          5
    r2chabfw1 = .07938894
    twbf2 = .48490811
    twnobf = .26459544
    FemPainDoseMedsw3 = age illw3 phlthw3 radfmw3 hospw3 and radhlw3
    badout =          0
    ckcrit = .31764707
    pctvalid =          62.5
    pctinvalid =          37.5
    numMedFw2 =          1
    FemPainW2Med = age
    numbfsigfw2 =          9
    dsigfw2 =          0
    fw2 = .57745936
    FemPainW1Meds = educ and age
    numModsigFw1 =          0
    numbfsigfw1 =          1
    numMainEffsigFw1 =          5
    dsigfw1 =          0
    numMedPainDoseFsigw3 =          6
    numbfsigTw3 =          15
    numModsigTw3 =          0
    numModsigFw3 =          0
    numbfsigfw3 =          15
    dsigtw3 =          0
    numMedFw3 =          15
    numMainEffsigTw3 =          16
    dsigfw3 =          0
    numMainEffsigFw3 =          16
    fw3 = .63678289
    numbfsigtw2 =          0
    numMedMw2 =          2
    w2numbf =          7
    numbfsigTw2 =          9
    tw2nobf = .26459544
    numModsigTw2 =          3
    tw2bf = .29409811
    numMainEffsigTw2 =          5
    dsigtw2 =          0
    numbfsigMw2 =          0

```

```

numModsigFw2 =          2
numbfsigFw2 =          3
numMainEffsigFw2 =          8
    dsigFw2 =          .5
    mw2 = .35574302
numModsigTw1 =          1
numMainEffsigTw1 =          5
numModsigMw1 =          0
    dsigtw1 =          3
numbfsigtw1 =          2
NumMainEffsigTw1 =          11
numbfsigmw1 =          1
numMainEffsigMw1 =          7
    Mw1 = .28222811
    dsigMw1 =          1
    wv =          3
    pt =          1
    hyp =          1
W2FemaleELmed = age radfmw3 BSianx BSIddep icdxcnt radhlw3 illw3 and Hp2sxlif
numMedsw3 =          4
numModsw3 =          1
    avgImpBF = -.01588267
    r2chabfw3 = -.04764801
    w3numbf =          3
    tw3bfw3 = .39169032
W2FemaleELMed = age and radfmw2 radhlw2 radchw2 illw2 BSianx BSIddep icdxcnt hp
> 2sxlif
    tw3nobf = .39169032
    tw3bf = .34404231
    fw3wbf = .33260096
numMedsw2 =          2
    tw2bfw2 = .48481206
avgImpBFw2 = .07519191
    r2chabfw2 = .22557574
NumMedsw2 =          2
numModsw2 =          0
w2numbfw2 =          3
tw2nobfw2 = .1308152
    tw2wbfw2 = .35639094
    fw2wbfw2 = .34555619
W1numMELMeds =          2
W1FemaleELMed = age icdxcnt BSIddep depagw1 BSianx anxagw1 PTSDw1 HP2sxlif
w1numMElMeds =          2
w1nuFemaleElmods =          0
avgImpBFw1 = .05367898
    w1numbf =          3
    r2chabf = .16103694
    tw1nobf = .18797502
    tw1bf = .34901196

```

```

        fw1 = .37964479

119 .
120 . scalar wlnumaleElmods=5

121 . scalar wlnumMElMeds=2

122 . *
123 . matrix define MaleWHPelr2w1 = (fw1, tw1bf, tw1nofb, wlnumbf, r2chabf, avgIm
    > pBFw1, wlnumaleElmods, wlnumMElMeds)

124 . matrix colnames MaleWHPelr2w1 = FullBFR2a TR2aBF TR2aNoBF NumBF BFR2cha
    > AvgImpBF wlnumMods wlnumMeds

125 . matrix rownames MaleWHPelr2w1 = wave1

126 . matlist MaleWHPelr2w1

```

		FullBFR2a	TR2aBF	TR2aNoBF	NumBF	BFR2cha	AvgImpB
> F	wlnumMods	wlnumMeds					
>							
	wave1	.3796448	.349012	.187975	3	.1610369	.05367
> 9	5	2					

```

127 . *****
    > *****
128 .
129 . title2 "Wave 1 male moderation analysis"

```

title2: Wave 1 male moderation analysis

Date and time: 29 Jun 2012 07:48:09

Working directory: /Users/robertyaffee

> /Documents/data/research/chwk/phase3/Htests/H1tests/H1pt1/work

Stata data file: chwide26june2012.dta

> has 4175 variables and 703 observations

Wave 1 male moderation analysis

```

130 .
131 . foreach var in suprtw1 fdferw1 chsize icdxcnt {
      2.   cap gen `var'Xd1 = `var'* avgcumdosew1
      3.   }

132 .
133 . regress WHPel age educ2-educ7 marrw11-marrw13 marrw14 marrw15 ///
>     dvcew1 sepaw1 ///
>     shhlw1 shhousw1 phlthw1 suprtw1 fdferw1 healthef carcin ///
>     dafter near chsize bfmEL2 bfmEL4 bfmEL16 ///
>     ageXd1 suprtw1Xd1 fdferw1Xd1 chsizeXd1 icdxcntXd1 if gender==1, vce(clus
> ter id)
note: marrw14 omitted because of collinearity

```

Linear regression

Number of obs = 338
F(30, 337) = .
Prob > F = .
R-squared = 0.4268
Root MSE = 23.879

(Std. Err. adjusted for 338 clusters in id)

WHPel	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
age	.7376643	.1874361	3.94	0.000	.3689721	1.106356
educ2	28.10889	13.30269	2.11	0.035	1.942128	54.27566
educ3	24.05741	12.01056	2.00	0.046	.4323007	47.68253
educ4	15.89713	12.62816	1.26	0.209	-8.942812	40.73707
educ5	28.2783	12.56512	2.25	0.025	3.562352	52.99425
educ6	26.42372	12.04189	2.19	0.029	2.736981	50.11047
educ7	31.00788	15.37019	2.02	0.044	.7742805	61.24148
marrw11	3.883875	6.056056	0.64	0.522	-8.028559	15.79631
marrw12	-25.95991	9.305342	-2.79	0.006	-44.26378	-7.656039
marrw13	-7.038911	7.4207	-0.95	0.344	-21.63564	7.557817
marrw14	0	(omitted)				
marrw15	22.96251	18.70271	1.23	0.220	-13.82625	59.75126
dvcew1	-40.60905	17.55242	-2.31	0.021	-75.13515	-6.082946
sepaw1	33.69141	17.19483	1.96	0.051	-.1313166	67.51413
shhlw1	-.1428862	.0613073	-2.33	0.020	-.2634793	-.022293
shhousw1	.140813	.0604047	2.33	0.020	.0219952	.2596307
phlthw1	-.2017424	.1062757	-1.90	0.059	-.4107897	.0073049
suprtw1	.0135952	.0625843	0.22	0.828	-.1095098	.1367002
fdferw1	.1102547	.0515368	2.14	0.033	.0088804	.211629
healthef	.694739	.1529872	4.54	0.000	.3938089	.9956692
carcin	-.7484152	.134221	-5.58	0.000	-1.012432	-.4843987
dafter	.0135303	.0117663	1.15	0.251	-.0096143	.036675
near	-.1551955	.0445537	-3.48	0.001	-.2428339	-.067557
chsize	-.2691267	.0615485	-4.37	0.000	-.3901944	-.148059

bfmEL2	-1.22267	.5281965	-2.31	0.021	-2.261647	-.1836924
bfmEL4	-.4459773	.1225822	-3.64	0.000	-.6870999	-.2048546
bfmEL16	.0070384	.0072561	0.97	0.333	-.0072345	.0213113
ageXd1	-.7415959	.2314029	-3.20	0.001	-1.196772	-.2864198
suprtwlXd1	.3332002	.096762	3.44	0.001	.1428665	.5235338
fdferwlXd1	-.1789318	.040906	-4.37	0.000	-.259395	-.0984685
chsizeXd1	.493195	.1347934	3.66	0.000	.2280526	.7583374
icdxcntXd1	3.164978	1.290781	2.45	0.015	.625975	5.703981
_cons	36427.47	9839.148	3.70	0.000	17073.59	55781.35

```

134 .
135 . scalar wlnumbmaleELmods= 5

136 . scalar wlmaleELmods = "age suprtwl fdferwl chsizewl icdxcnt"

137 .
138 . * moderator1 age we will graph dose => male el for 3 different age ranges"
139 . * we split age into thirds
140 .
141 . summ age if gender==1

```

Variable	Obs	Mean	Std. Dev.	Min	Max
age	340	49.18235	12.22222	30	77

```

142 . tab age if gender==1

```

Respondent' s age	Freq.	Percent	Cum.
30	16	4.71	4.71
31	6	1.76	6.47
32	5	1.47	7.94
33	3	0.88	8.82
34	7	2.06	10.88
35	4	1.18	12.06
36	9	2.65	14.71
37	13	3.82	18.53
38	15	4.41	22.94
39	15	4.41	27.35
40	16	4.71	32.06
41	9	2.65	34.71
42	10	2.94	37.65
43	6	1.76	39.41
44	10	2.94	42.35
45	8	2.35	44.71
46	8	2.35	47.06
47	4	1.18	48.24

48	11	3.24	51.47
49	4	1.18	52.65
50	8	2.35	55.00
51	8	2.35	57.35
52	12	3.53	60.88
53	8	2.35	63.24
54	4	1.18	64.41
55	18	5.29	69.71
56	6	1.76	71.47
57	8	2.35	73.82
58	7	2.06	75.88
59	4	1.18	77.06
60	7	2.06	79.12
61	8	2.35	81.47
62	5	1.47	82.94
63	6	1.76	84.71
64	5	1.47	86.18
65	3	0.88	87.06
66	2	0.59	87.65
67	3	0.88	88.53
68	4	1.18	89.71
69	11	3.24	92.94
70	12	3.53	96.47
71	2	0.59	97.06
72	3	0.88	97.94
73	2	0.59	98.53
74	2	0.59	99.12
75	1	0.29	99.41
77	2	0.59	100.00
Total	340	100.00	

143 . cap gen middosew1= avgcumdosew1 if gender==1 & age >= 42 & age < 55

144 . cap gen lowd1 = avgcumdosew1 if gender== 1 & age < 42

145 . cap gen hid1 = avgcumdosew1 if gender==1 & age >= 55 & age < .

```

146 . cap gen youngdosew1 = avgcumdosew1 if age < 42 & gender==1
147 . cap gen middosew1 = avgcumdosew1 if age >= 42 & age < 55 & gender==1
148 . cap gen hidosew1 = avgcumdosew1 if age >= 55 & gender==1 & avgcumdosew1 < .
149 . replace youngdosew1 = avgcumdosew1 if age < 42 & gender==1
    (0 real changes made)
150 . summ youngdosew1 middosew1 hidosew1 if gender==1

```

Variable	Obs	Mean	Std. Dev.	Min	Max
youngdosew1	118	.2034068	.1245227	.0213	1.0225
middosew1	101	.3033228	.205257	.0151	1.8319
hidosew1	121	.7544694	2.765357	.0147	27.9862

```

151 .
152 . twoway lfit WHPel lowd1 || lfit WHPel middosew1 || lfit WHPel hidosew1, ///
    > yti(energy level) ///
    > ti(Effect of age by dose on energy level) ///
    > legend(label( 1 "for young men [28-42 yrs] " ) ///
    > label( 2 "for middle aged [43-54 yrs] men") label(3 "for senior men (55+
    > yrs)") rows(3)) ///
    > xti("Average cumulative wave 1 dose" "of {superscript:137}CS in milliGray
    > s" ) ///
    > lcolor( blue purple red ) lpattern(dash long_dash dash_dot )

153 . graph save ELXdosage1.gph, replace
    (file ELXdosage1.gph saved)

154 . graph export ELXdosage1.eps, replace
    (file ELXdosage1.eps written in EPS format)

155 .
156 .
157 .

```

```

158 . * moderator 2 in wave 1 the support by dose effect on energy level
159 .
160 . histogram suprtw1 if gender==1
    (bin=18, start=0, width=5.555556)
161 . summ suprtw1 if gender==1, detail

```

Level of support (in percent) from partner in 1986

	Percentiles	Smallest		
1%	0	0		
5%	0	0		
10%	0	0	Obs	340
25%	0	0	Sum of Wgt.	340
50%	0		Mean	9.255882
		Largest	Std. Dev.	26.33171
75%	0	100		
90%	23	100	Variance	693.3591
95%	100	100	Skewness	2.890186
99%	100	100	Kurtosis	9.787807

```

162 . cap gen lowsprt = avgcumdosew1 if suprtw1 < 50 & gender==1
163 . cap gen hisprt = avgcumdosew1 if suprtw1 >=50 & suprtw1 < . & gender==1
164 . twoway lfit WHPel lowsprt || lfit WHPel hisprt, ti(Wave 1 interaction of P
    > artner by dose) ///
    > lpattern(dash long_dot) lcolor(red blue) ///
    > subtitle(on Energy Level) yti(Energy level) xti(avgcumdose of {superscript
    > :137}CS in milliGrays) ///
    > legend(label(1 "low partner support") label(2 "high partner support"))
165 . graph save ELSptXDosew1.gph, replace
    (file ELSptXDosew1.gph saved)
166 . graph export ELSptXDosew1.eps, replace
    (file ELSptXDosew1.eps written in EPS format)

```

```

167 .
168 .
169 . * moderator 3 in wave 1  fear of eating contaminated food by dose on energy 1
    > evel
170 . summ fdferw1 if gender==1

```

Variable	Obs	Mean	Std. Dev.	Min	Max
fdferw1	340	32.37059	39.08826	0	100

```

171 . histogram fdferw1 if gender==1
    (bin=18, start=0, width=5.555556)

```

```

172 . centile fdferw1 if gender==1, centile(33 67)

```

Variable	Obs	Percentile	Centile	— Binom. Interp. — [95% Conf. Interval]	
fdferw1	340	33	0	0	0
		67	50	40	60

```

173 . cap gen lowfdferdose = avgcumdosew1 if gender==1 & fdferw1 <=50
174 . cap gen hifdferdose = avgcumdosew1 if gender==1 & fdferw1 > 50 & fdferw1 < .
175 . twoway lfit WHPel lowfdferdose || lfit WHPel hifdferdose, ///
    > ti(Wave 1 Fear of contaminated food by dose) lpattern(dash longdash) ///
    > color(red blue) ///
    > subtitle(Effect on Energy Level) yti(Energy level) xti(avgcumdose of {supe
    > rscript:137}CS in milliGrays) ///
    > legend(label(1 "low fear") label(2 "high fear"))
176 . graph save ELfdfrXDosew1.gph, replace
    (file ELfdfrXDosew1.gph saved)
177 . graph export ELfdfrXDosew1.eps, replace
    (file ELfdfrXDosew1.eps written in EPS format)

```

```

178 .
179 . * moderator 4 in wave 1
180 . * Chornobyl was the largest or not
181 .
182 . summ chsize if gender==1, detail

```

the radioactive fallout from chornobyl affected
more people than the radioactive

	Percentiles	Smallest		
1%	0	0		
5%	10	0		
10%	40	0	Obs	340
25%	50	0	Sum of Wgt.	340
50%	80		Mean	73.54706
		Largest	Std. Dev.	28.30607
75%	100	100		
90%	100	100	Variance	801.2338
95%	100	100	Skewness	-.818998
99%	100	100	Kurtosis	2.805331

```

183 . histogram chsize if gender==1
      (bin=18, start=0, width=5.555556)

184 . cap gen lowsized1 = avgcumdosew1 if chsize <= 50 & gender==1

185 . cap gen hisized1 = avgcumdosew1 if chsize > 50 & chsize < . & gender==1

186 .
187 . twoway lfit WHPel lowsized1 || lfit WHPel hisized1 , ///
      > title("Belief that Chornobyl was" "the worst nuclear disaster by dose") /
      > //
      > subti(on Energy level) lcolor(red blue) lpattern(longdash solid ) ///
      > xti(average cumulative wave 1 dose of {superscript:137}CS in milliGrays)
      > ///
      > ytitle(Energy level) ///
      > legend(label(1 "not the worst by dose") label(2 "the worst by dose"))

```

```

188 . graph save ELsizedosew1.gph, replace
    (file ELsizedosew1.gph saved)

189 . graph export Elsizedosew1.eps, replace
    (file Elsizedosew1.eps written in EPS format)

190 .
191 . summ icdxcnt if gender==1

```

Variable	Obs	Mean	Std. Dev.	Min	Max
icdxcnt	340	2.144118	1.688009	0	8

```

192 . centile icdxcnt if gender==1, centile(33 67)

```

Variable	Obs	Percentile	Centile	— Binom. Interp. — [95% Conf. Interval]	
icdxcnt	340	33	1	1	1
		67	3	2	3

```

193 . cap gen lowctdose = avgcumdosew1 if icdxcnt <= 2 & gender==1

194 . cap gen midctdose = avgcumdosew1 if icdxcnt > 2 & icdxcnt < 4 & gender==1

195 . cap gen hictdose = avgcumdosew1 if icdxcnt >=4 & icdxcnt < . & gender==1

196 .
197 . twoway lfit WHPel lowctdose || lfit WHPel midctdose || lfit WHPel hictdose,
    > ///
    > title("Effect of medically diagnosed illness" "count by dose on male ener
    > gy level") ///
    > xti(average cumulative wave 1 dose of {superscript:137}CS in milliGrays
    > ) ///
    > ytitle(Energy level) lcolor(red green blue) lpattern(dash longdash_dot
    > solid) ///
    > legend(label(1 "0 to 2 illnesses") label(2 "3-4 illnesses") ///
    > label(3 "over 4 illnesses"))

```

```

198 . graph save ElillctXdosew1.gph, replace
    (file ElillctXdosew1.gph saved)

199 . graph export ELillctXdosew1.eps, replace
    (file ELillctXdosew1.eps written in EPS format)

200 .
201 .
202 . forvalues i=1/3 {
    2. regress WHPel age fdferw`i' goferw`i' injothr radfmw`i' PTSDw`i' BSIIsoma
    > BSIanx c.whpsleep##c.avgcumdosew`i' if gender==2
    3. }

```

Source	SS	df	MS	Number of obs =	363
Model	179979.713	11	16361.7921	F(11, 351) =	23.02
Residual	249469.835	351	710.74027	Prob > F =	0.0000
				R-squared =	0.4191
				Adj R-squared =	0.4009
Total	429449.548	362	1186.32472	Root MSE =	26.66

	WHPel	Coef.	Std. Err.	t	P> t	[95% Co
						f. Interval]
	age	.2430435	.1408266	1.73	0.085	-.033926
	fdferw1	.0527001	.0563689	0.93	0.350	-.058163
	goferw1	-.0482049	.0597142	-0.81	0.420	-.165647
	injothr	.4280841	4.105298	0.10	0.917	-7.64599
	radfmw1	-.0169632	.0421847	-0.40	0.688	-.099929
	PTSDw1	.0841677	.0457844	1.84	0.067	-.005878
	BSIIsoma	2.409797	.3608527	6.68	0.000	1.70009
	BSIanx	-.1319147	.5399846	-0.24	0.807	-1.19392

```

> 7
>      .9300977
           whpsleep |      .2704029      .0714632      3.78      0.000      .129853
> 1
>      .4109528
           avgcumdosew1 |     -6.095006      8.110262     -0.75      0.453     -22.0458
> 3
>      9.855815
c.whpsleep#c.avgcumdosew1 |      .0944173      .1340982      0.70      0.482     -.169319
> 7
>      .3581543
           _cons |     -19.79531      7.684451     -2.58      0.010     -34.9086
> 7
>     -4.681956

```

Source	SS	df	MS	
Model	180382.566	11	16398.4151	Number of obs = 362
Residual	248050.593	350	708.71598	F(11, 350) = 23.14
Total	428433.159	361	1186.79545	Prob > F = 0.0000
				R-squared = 0.4210
				Adj R-squared = 0.4028
				Root MSE = 26.622

```

> -----
           WHPel |      Coef.      Std. Err.      t      P>|t|      [95% Co
> n
> f. Interval]
> -----
           age |      .2402185      .1382789      1.74      0.083      -.031743
> 7
>      .5121806
           fdferw2 |      .1642618      .0723932      2.27      0.024      .021881
> 3
>      .3066422
           goferw2 |     -.2243842      .1073909     -2.09      0.037     -.435596
> 8
>     -.0131715
           injothr |     -1.231933      4.305492     -0.29      0.775     -9.69982
> 3
>      7.235957
           radfmw2 |      .0235371      .0514247      0.46      0.647     -.077603
> 2
>      .1246774
           PTSDw2 |     -.2467097      .1788693     -1.38      0.169     -.598503

```

```

> 7
>      .1050842
          BSIsuma |      2.550801      .3552992      7.18      0.000      1.85201
> 1
>      3.249591
          BSIanx |      .0180083      .5159471      0.03      0.972      -.996738
> 4
>      1.032755
          whpsleep |      .2938904      .0685683      4.29      0.000      .159032
> 8
>      .4287481
          avgcumdosew2 |     -.4654934      2.449142      -0.19      0.849      -5.28238
> 1
>      4.351394
c.whpsleep#c.avgcumdosew2 |      .0104782      .0450578      0.23      0.816      -.078139
> 9
>      .0990963
          _cons |     -23.34136      7.584451      -3.08      0.002      -38.2581
> 9
>      -8.424527

```

Source	SS	df	MS	Number of obs =	363
Model	181808.75	11	16528.0682	F(11, 351) =	23.43
Residual	247640.798	351	705.529339	Prob > F =	0.0000
Total	429449.548	362	1186.32472	R-squared =	0.4234
				Adj R-squared =	0.4053
				Root MSE =	26.562

```

> -----
>      WHPel |      Coef.      Std. Err.      t      P>|t|      [95% Co
> n
> f. Interval]
> -----
>      age |      .2039406      .1363892      1.50      0.136      -.064302
> 2
>      .4721834
          fdferw3 |      .1670439      .0860776      1.94      0.053      -.002248
> 8
>      .3363366
          goferw3 |     -.0620583      .1199124      -0.52      0.605      -.297895
> 5
>      .1737788
          injothr |     -1.790628      4.397042      -0.41      0.684      -10.4384

```



```

> *
*****
29 Jun 2012    07:48:20    ****
> *
*****
> *
*****
> *

```

206 .

```

207 . title "radhlw1 and depression BSIanxiety are possible male mediators of ener
> gy level in wave 1"

```

```

*****
> *
*****
> *
*****
> *
*****
> *
*****radhlw1 and depression BSIanxiety are possible male mediators of energy 1
> evel in wave 1*****
*****
> *
*****
> *
*****
29 Jun 2012    07:48:20    ****
> *
*****
> *
*****

```

```

208 .
209 . cap gen whpel = WHPel

210 . sem(avgcumdosew1->age)(age->whpel) if gender==1, nocapslatent

```

Endogenous variables

Observed: **age whpel**

Exogenous variables

Observed: **avgcumdosew1**

Fitting target model:

Iteration 0: log likelihood = **-3613.4772**

Iteration 1: log likelihood = **-3613.4772**

```

Structural equation model                      Number of obs      =      340
Estimation method   = ml
Log likelihood       = -3613.4772

```

		Coef.	OIM Std. Err.	z	P> z	[95% Conf. Inter	
> val]							
> Structural							
age <-							
avgcumdosew1		.6719789	.3955154	1.70	0.089	-.1032171	1.44
> 7175							
_cons		48.89394	.6805861	71.84	0.000	47.56001	50.2
> 2786							
> whpel <-							
age		.6520247	.1282979	5.08	0.000	.4005655	.903
> 4839							
_cons		-8.877521	6.501358	-1.37	0.172	-21.61995	3.86
> 4907							
> Variance							
e.age		147.6893	11.32726			127.0764	171.
> 6459							
e.whpel		833.5635	63.9314			717.2235	968.
> 7748							

```
> _____
LR test of model vs. saturated: chi2(1)    =      1.51, Prob > chi2 = 0.2185
```

```
211 . sem(avgcumdosew1->illw1)(illw1->whpel) if gender==1, nocapslatent
```

```
Endogenous variables
```

```
Observed:  illw1 whpel
```

```
Exogenous variables
```

```
Observed:  avgcumdosew1
```

```
Fitting target model:
```

```
Iteration 0:  log likelihood = -2444.5273
```

```
Iteration 1:  log likelihood = -2444.5273
```

```
Structural equation model                                Number of obs      =      340
```

```
Estimation method  = ml
```

```
Log likelihood      = -2444.5273
```

```
> _____
```

	Coef.	OIM Std. Err.	z	P> z	[95% Conf. Inter	
--	-------	------------------	---	------	------------------	--

```
> val]
```

```
> _____
```

Structural

illw1 <-						
avgcumdosew1	.0087277	.0122955	0.71	0.478	-.0153711	.032

```
> 8264
```

_cons	.0962541	.0211576	4.55	0.000	.054786	.137
-------	----------	----------	------	-------	---------	------

```
> 7221
```

```
> _____
```

whpel <-

illw1	6.83786	4.279824	1.60	0.110	-1.550442	15.2
-------	---------	----------	------	-------	-----------	------

```
> 2616
```

_cons	22.5068	1.673741	13.45	0.000	19.22633	25.7
-------	---------	----------	-------	-------	----------	------

```
> 8727
```

```
> _____
```

Variance

e.illw1	.1427297	.0109469			.122809	.165
---------	----------	----------	--	--	---------	------

```
> 8817
```

e.whpel	890.2012	68.27532			765.9563	10
---------	----------	----------	--	--	----------	----

> 34.6

> _____

LR test of model vs. saturated: chi2(1) = 2.49, Prob > chi2 = 0.1145

212 . sem(avgcumdosew1->radchw1)(radchw1->whpel) if gender==1, nocapslatent

Endogenous variables

Observed: radchw1 whpel

Exogenous variables

Observed: avgcumdosew1

Fitting target model:

Iteration 0: log likelihood = -3992.2619

Iteration 1: log likelihood = -3992.2619

Structural equation model

Number of obs = 340

Estimation method = ml

Log likelihood = -3992.2619

> _____

	Coef.	OIM Std. Err.	z	P> z	[95% Conf. Inter
--	-------	------------------	---	------	------------------

> val]

> _____

Structural

radchw1 <- avgcumdosew1	-.8203903	1.162338	-0.71	0.480	-3.098531	1.4
----------------------------	-----------	----------	-------	-------	-----------	-----

> 5775

_cons	53.44329	2.000102	26.72	0.000	49.52316	57.3
-------	----------	----------	-------	-------	----------	------

> 6342

> _____

whpel <- radchw1	-.0274045	.0454187	-0.60	0.546	-.1164236	.061
---------------------	-----------	----------	-------	-------	-----------	------

> 6146

_cons	24.64553	2.90682	8.48	0.000	18.94826	30.3
-------	----------	---------	------	-------	----------	------

> 4279

> _____

Variance

e.radchw1	1275.52	97.82791			1097.496	148
-----------	---------	----------	--	--	----------	-----

> 2.42

e.whpel	895.9253	68.71433	770.8815	1041
---------	----------	----------	----------	------

> .252

> _____
 LR test of model vs. saturated: chi2(1) = 2.60, Prob > chi2 = 0.1070

213 . sem(avgcumdosew1->radhlw1)(radhlw1->whpel) if gender==1, nocapslatent

Endogenous variables

Observed: radhlw1 whpel

Exogenous variables

Observed: avgcumdosew1

Fitting target model:

Iteration 0: log likelihood = -3995.8851
 Iteration 1: log likelihood = -3995.8851

Structural equation model	Number of obs	=	340
Estimation method	=	ml	
Log likelihood	=	-3995.8851	

> _____						
	Coef.	OIM Std. Err.	z	P> z	[95% Conf. Inter	
> val]						
> _____						
Structural						
radhlw1 <-						
avgcumdosew1	2.398285	1.204853	1.99	0.047	.0368169	4.75
> 9752						
_cons	44.66477	2.073259	21.54	0.000	40.60126	48.7
> 2828						
> _____						
whpel <-						
radhlw1	.1803734	.0425072	4.24	0.000	.0970609	.263
> 6859						
_cons	14.94858	2.505565	5.97	0.000	10.03777	19.
> 8594						
> _____						
Variance						
e.radhlw1	1370.535	105.1152			1179.25	1592

```

> .848
      e.whpel |      851.7752      65.32818                732.8934      989.
> 9407
-----
> -----
LR test of model vs. saturated: chi2(1)      =      1.50, Prob > chi2 = 0.2205

```

```
214 . sem(avgcumdosew1->icdxcnt)(icdxcnt->whpel) if gender==1, nocapslatent
```

Endogenous variables

Observed: **icdxcnt whpel**

Exogenous variables

Observed: **avgcumdosew1**

Fitting target model:

Iteration 0: log likelihood = **-2932.7265**

Iteration 1: log likelihood = **-2932.7265**

```

Structural equation model                Number of obs      =      340
Estimation method   = ml
Log likelihood      = -2932.7265

```

```

> -----
      Coef.      OIM      Std. Err.      z      P>|z|      [95% Conf. Inter
> val]
-----
> -----
Structural
  icdxcnt <-
    avgcumdosew1      .0453656      .0548008      0.83      0.408      -.062042      .152
> 7731
    _cons      2.124647      .0942989      22.53      0.000      1.939824      2.30
> 9469
-----
> -----
  whpel <-
    icdxcnt      6.082854      .9053643      6.72      0.000      4.308372      7.85
> 7335
    _cons      10.14823      2.469212      4.11      0.000      5.308668      14.
> 9878
-----
> -----
Variance

```

e.icdxcnt	2.83528	.2174561	2.439562	3.29
> 5188				
e.whpel	791.7647	60.72558	681.2585	920.
> 1959				

> _____
LR test of model vs. saturated: chi2(1) = 2.06, Prob > chi2 = 0.1508

215 . sem(avgcumdosew1->BSIddep)(BSIddep->whpel) if gender==1, nocapslatent

Endogenous variables

Observed: **BSIddep whpel**

Exogenous variables

Observed: **avgcumdosew1**

Fitting target model:

Iteration 0: log likelihood = -3112.3084

Iteration 1: log likelihood = -3112.3084

Structural equation model	Number of obs	=	340
Estimation method	=	ml	
Log likelihood	=	-3112.3084	

> _____						
	Coef.	OIM Std. Err.	z	P> z	[95% Conf. Inter	
> val]						
> _____						
Structural						
BSIddep <-						
avgcumdosew1	.0407571	.0933205	0.44	0.662	-.1421478	.22
> 3662						
_cons	8.11486	.160582	50.53	0.000	7.800125	8.42
> 9595						
> _____						
whpel <-						
BSIddep	3.684326	.5298397	6.95	0.000	2.64586	4.72
> 2793						
_cons	-6.771654	4.568981	-1.48	0.138	-15.72669	2.18
> 3384						
> _____						

Variance					
e.BSIdep	8.221988	.6305977		7.074449	9.55
> 5667					
e.whpel	785.2146	60.22321		675.6226	912.
> 5834					

> _____
 LR test of model vs. saturated: chi2(1) = 2.50, Prob > chi2 = 0.1140

216 . sem(avgcumdosew1->BSIanx)(BSIanx->whpel) if gender==1, nocapslatent

Endogenous variables

Observed: **BSIanx whpel**

Exogenous variables

Observed: **avgcumdosew1**

Fitting target model:

Iteration 0: log likelihood = -3093.2094
 Iteration 1: log likelihood = -3093.2094

Structural equation model Number of obs = 340
 Estimation method = ml
 Log likelihood = -3093.2094

> _____						
		OIM				
	Coef.	Std. Err.	z	P> z	[95% Conf. Inter	
> val]						
> _____						
Structural						
BSIanx <-						
avgcumdosew1	.1520723	.0897252	1.69	0.090	-.0237858	.327
> 9304						
_cons	7.555319	.1543953	48.93	0.000	7.252709	7.85
> 7928						
> _____						
whpel <-						
BSIanx	4.239198	.539721	7.85	0.000	3.181364	5.29
> 7031						
_cons	-9.114591	4.37601	-2.08	0.037	-17.69141	-.537
> 7688						

```

> -----
Variance
      e.BSIanx |      7.600654      .5829436                6.539835      8.83
> 3548
      e.whpel  |      759.1408      58.22344                653.1879      882.
> 2802
-----

```

```

> -----
LR test of model vs. saturated: chi2(1)   =      1.12, Prob > chi2 = 0.2902

```

```

217 . sem(avgcumdosew1->PTSDw1)(PTSDw1->whpel) if gender==1, nocapslatent

```

Endogenous variables

Observed: **PTSDw1 whpel**

Exogenous variables

Observed: **avgcumdosew1**

Fitting target model:

Iteration 0: log likelihood = **-4014.537**

Iteration 1: log likelihood = **-4014.537**

```

Structural equation model                                Number of obs      =      340
Estimation method   = ml
Log likelihood       = -4014.537

```

```

> -----
> val]
> -----
Structural
PTSDw1 <-
  avgcumdosew1      2.025021      1.267074      1.60      0.110      -.4583978      4.5
> 0844
      _cons         23.66027      2.180326      10.85      0.000      19.38691      27.9
> 3363
-----
> -----
whpel <-
PTSDw1      .156492      .0406857      3.85      0.000      .0767495      .236
> 2344
      _cons    19.35193      1.877204      10.31      0.000      15.67268      23.0
> 3118

```



```

> 4536
-----
Variance
    e.radfmw1 |      1247.515    95.68004                1073.4    1449
> .873
    e.whpel |      854.2745    65.51986                735.0439    992.
> 8454
-----
LR test of model vs. saturated: chi2(1)    =      2.04, Prob > chi2 = 0.1534

```

```

219 . sem(avgcumdosew1->radtlw1)(radtlw1->whpel) if gender==1, nocapslatent
    (1 observations with missing values excluded;
    specify option 'method(mlmv)' to use all observations)

```

Endogenous variables

Observed: **radtlw1 whpel**

Exogenous variables

Observed: **avgcumdosew1**

Fitting target model:

Iteration 0: log likelihood = **-3987.0762**

Iteration 1: log likelihood = **-3987.0762**

```

Structural equation model                                Number of obs      =      339
Estimation method   = ml
Log likelihood       = -3987.0762

```

```

-----
> -----
              OIM
              Coef.   Std. Err.      z    P>|z|     [95% Conf. Inter
> val]
-----
> -----
Structural
    radtlw1 <-
        avgcumdosew1 |    -.0299655    1.183144    -0.03    0.980    -2.348885    2.28
> 8954
        _cons |    53.53795    2.038815    26.26    0.000    49.54194    57.5
> 3395
-----
> -----
    whpel <-

```

```

      radtlw1 | .0364577 .0447253 0.82 0.415 -.0512023 .124
> 1176      _cons | 21.3076 2.89387 7.36 0.000 15.63572 26.9
> 7948
-----
Variance
      e.radtlw1 | 1321.568 101.5091 1136.866 1536
> .279      e.whpel | 896.1826 68.83537 770.9321 1041
> .782
-----
> -----
LR test of model vs. saturated: chi2(1) = 2.66, Prob > chi2 = 0.1028

```

```
220 . sem(avgcumdosew1->anxagw1)(anxagw1->whpel) if gender==1, nocapslatent
```

Endogenous variables

Observed: **anxagw1 whpel**

Exogenous variables

Observed: **avgcumdosew1**

Fitting target model:

Iteration 0: log likelihood = **-4001.3496**

Iteration 1: log likelihood = **-4001.3496**

```

Structural equation model                      Number of obs      =      340
Estimation method = ml
Log likelihood      = -4001.3496

```

```

> -----
              OIM
              Coef.   Std. Err.      z    P>|z|     [95% Conf. Inter
> val]
-----
Structural
  anxagw1 <-
    avgcumdosew1 | 1.841356   1.2308     1.50   0.135    -.5709671    4.25
> 3679
    _cons | 23.38616  2.117908    11.04   0.000    19.23514    27.5
> 3718
-----
> -----

```

```

    whpel <-
      anxagw1 |      .193641   .0414979   4.67   0.000   .1123066   .274
> 9754
      _cons |      18.50903   1.866999   9.91   0.000   14.84978   22.1
> 6828
-----
> -----
Variance
      e.anxagw1 |      1430.201   109.6914                1230.589   1662
> .192
      e.whpel |      842.9036   64.64775                725.26   97
> 9.63
-----
> -----
LR test of model vs. saturated: chi2(1)   =      1.71, Prob > chi2 = 0.1904

```

```

221 . sem(avgcumdosew1->HP2sxlife)(HP2sxlife->whpel) if gender==1, nocapslatent

```

Endogenous variables

Observed: **HP2sxlife whpel**

Exogenous variables

Observed: **avgcumdosew1**

Fitting target model:

Iteration 0: log likelihood = **-2445.3426**

Iteration 1: log likelihood = **-2445.3426**

```

Structural equation model                                Number of obs      =      340
Estimation method   = ml
Log likelihood      = -2445.3426

```

```

> -----
      Coef.      OIM      Std. Err.      z      P>|z|      [95% Conf. Inter
> val]
-----
> -----
Structural
  HP2sxlife <-
    avgcumdosew1 |      .0155706   .0130621      1.19   0.233      -.0100307   .041
> 1718
      _cons |      .1962583   .0224767      8.73   0.000      .1522047   .240
> 3119
-----

```

```

> -----
      whpel <-
      HP2sxlife |      25.39498      3.796194      6.69      0.000      17.95458      32.8
> 3539
      _cons |      18.0369      1.710147      10.55      0.000      14.68507      21.3
> 8873
-----
> -----
Variance
      e.HP2sxlife |      .1610828      .0123545
> 2119
      e.whpel |      792.5673      60.78714
> 1287
-----
> -----
LR test of model vs. saturated: chi2(1)      =      1.71, Prob > chi2 = 0.1915

```

```

222 . sem(avgcumdosew1->drinkspw1)(drinkspw1->whpel) if gender==1, nocapslatent

```

Endogenous variables

Observed: **drinkspw1 whpel**

Exogenous variables

Observed: **avgcumdosew1**

Fitting target model:

Iteration 0: log likelihood = **-3086.6414**

Iteration 1: log likelihood = **-3086.6414**

```

Structural equation model                                Number of obs      =      340
Estimation method = ml
Log likelihood      = -3086.6414

```

```

> -----
      Coef.      OIM      Std. Err.      z      P>|z|      [95% Conf. Inter
> val]
-----
> -----
Structural
      drinkspw1 <-
      avgcumdosew1 |      .0542741      .0815392      0.67      0.506      -.1055397      .214
> 0879
      _cons |      1.367882      .1403091      9.75      0.000      1.092881      1.64
> 2883

```

> _____						
whpel <-						
drinkspw1	1.41043	.6433099	2.19	0.028	.1495659	2.67
> 1294						
_cons	21.22843	1.84447	11.51	0.000	17.61334	24.8
> 4353						
> _____						
Variance						
e.drinkspw1	6.277037	.4814267			5.400954	7.29
> 5228						
e.whpel	884.3814	67.82895			760.9487	1027
> .836						

> _____
LR test of model vs. saturated: chi2(1) = 2.45, Prob > chi2 = 0.1174

223 . sem(avgcumdosew1->depagw1)(depagw1->whpel) if gender==1, nocapslatent

Endogenous variables

Observed: **depagw1 whpel**

Exogenous variables

Observed: **avgcumdosew1**

Fitting target model:

Iteration 0: log likelihood = -3948.389

Iteration 1: log likelihood = -3948.389

Structural equation model Number of obs = 340

Estimation method = ml

Log likelihood = -3948.389

> _____						
	Coef.	OIM Std. Err.	z	P> z	[95% Conf. Inter	
> val]						
> _____						
Structural						
depagw1 <-						
avgcumdosew1	2.095672	1.04656	2.00	0.045	.0444527	4.14
> 6892						
_cons	14.80642	1.800876	8.22	0.000	11.27677	18.3

```

> 3607
+-----+
> -----
whpel <-
  depagw1 | .2030589 .0489895 4.14 0.000 .1070412 .299
> 0766
      _cons | 20.00137 1.76154 11.35 0.000 16.54881 23.4
> 5393
+-----+
> -----
Variance
  e.depagw1 | 1034.071 79.30964 889.7465 1201
> .807
  e.whpel | 853.744 65.47918 734.5874 992.
> 2288
+-----+
> -----
LR test of model vs. saturated: chi2(1) = 1.52, Prob > chi2 = 0.2182

```

```
224 . sem(avgcumdosew1->whpsleep)(whpsleep->whpel) if gender==1, nocapslatent
```

Endogenous variables

Observed: **whpsleep whpel**

Exogenous variables

Observed: **avgcumdosew1**

Fitting target model:

Iteration 0: log likelihood = **-3825.7475**

Iteration 1: log likelihood = **-3825.7475**

Structural equation model

Number of obs = **340**

Estimation method = **ml**

Log likelihood = **-3825.7475**

	Coef.	OIM Std. Err.	z	P> z	[95% Conf. Inter
> val]					
Structural					
whpsleep <-					
avgcumdosew1	1.902893	.8001588	2.38	0.017	.3346105 3.47
> 1175					
_cons	16.48016	1.376879	11.97	0.000	13.78153 19.1
> 7879					
whpel <-					
whpsleep	.551618	.0582892	9.46	0.000	.4373733 .665
> 8628					
_cons	13.64932	1.761942	7.75	0.000	10.19597 17.1
> 0266					
Variance					
e.whpsleep	604.4699	46.36072			520.1043 702.
> 5202					
e.whpel	709.8956	54.44651			610.8158 825.
> 0469					
LR test of model vs. saturated: chi2(1) = 0.39, Prob > chi2 = 0.5310					

225 . sem(avgcumdosew1->fdferw1)(fdferw1->whpel) if gender==1, nocapslatent

Endogenous variables

Observed: **fdferw1 whpel**

Exogenous variables

Observed: **avgcumdosew1**

Fitting target model:

Iteration 0: log likelihood = **-4006.1176**

Iteration 1: log likelihood = **-4006.1176** (backed up)

Number of obs = 340

Log likelihood = -4006.1176

		Coef.	OIM Std. Err.	z	P> z	[95% Conf. Inter	
Structural							
fdferwl <-							
avgcumdosewl		1.806364	1.266485	1.43	0.154	-.6759022	4.28
8629							
_cons		31.59529	2.179314	14.50	0.000	27.32392	35.8
6667							
Variance							
e.fdferwl		1514.337	116.1444			1302.982	1759
.976							
e.whpel		818.7156	62.79262			704.4479	951.
5185							

LR test of model vs. saturated: $\chi^2(1) = 1.62$, Prob > $\chi^2 = 0.2036$

```
226 . sem(avgcumdosew1->goferw1)(goferw1-> whpel) if gender==1, nocapslatent
```

Endogenous variables

Observed: **goferw1 whpel**

Exogenous variables

Observed: **avgcumdosew1**

Fitting target model:

```
Iteration 0:    log likelihood = -3959.7336
Iteration 1:    log likelihood = -3959.7336
```

```
Structural equation model      Number of obs      =      340
Estimation method   = ml
Log likelihood       = -3959.7336
```

> _____						
		OIM				
	Coef.	Std. Err.	z	P> z	[95% Conf. Inter	
> val]						
> _____						
Structural						
goferw1 <-						
avgcumdosew1	2.128628	1.076835	1.98	0.048	.0180712	4.23
> 9185						
_cons	20.17463	1.852971	10.89	0.000	16.54287	23.8
> 0638						
> _____						
whpel <-						
goferw1	.1773279	.0478508	3.71	0.000	.0835421	.271
> 1136						
_cons	19.45106	1.885137	10.32	0.000	15.75626	23.1
> 4586						
> _____						
Variance						
e.goferw1	1094.763	83.96452			941.9678	1272
> .344						
e.whpel	862.064	66.11729			741.7462	1001
> .898						
> _____						
LR test of model vs. saturated: chi2(1) = 1.63, Prob > chi2 = 0.2020						

```

227 .
228 . scalar W1MaleELMed = "radhlw1 and depagw1 "

229 . scalar W1numMELMeds = 2

230 . *-----
231 . // r2 with basis functions = .323
232 . // r2 cha due to bf = .14
233 . ***** Wave 2 *****
> *****
234 . // wave 2 model
235 .
236 . set more off

237 . regress WHPel age educ2-educ7 marrw21-marrw23 marrw25 childw2 ///
>     emplw22-emplw26 occ1w2-occ8w2 inclw2-inc4w2 radhlw2 radchw2 ///
>     radtlw2 havmil bfmEL2 bfmEL4 bfmEL16 ///
>     carcin healthef ///
>     dvcew2 sepaw2 ///
>     shhlw2 shhousw2 phlthw2 suprtw2 fdferw2 ///
>     dafter near chsize polprw2 icdxcnt if gender==1, vce(cluster id)

```

Linear regression

```

Number of obs =      338
F( 48, 337) =      .
Prob > F       =      .
R-squared      =    0.4427
Root MSE      =    24.313

```

(Std. Err. adjusted for 338 clusters in id)

WHPel	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
age	.3277932	.192719	1.70	0.090	-.0512904	.7068769
educ2	20.05534	16.75697	1.20	0.232	-12.90609	53.01677
educ3	22.56326	16.0254	1.41	0.160	-8.959161	54.08567
educ4	20.27365	16.08671	1.26	0.208	-11.36938	51.91667
educ5	30.62382	15.89774	1.93	0.055	-.6474797	61.89511
educ6	24.56477	15.97333	1.54	0.125	-6.855228	55.98476
educ7	22.98098	18.88947	1.22	0.225	-14.17513	60.1371
marrw21	-8.68149	10.12862	-0.86	0.392	-28.60478	11.2418
marrw22	-11.54657	11.36048	-1.02	0.310	-33.89295	10.79982
marrw23	-13.75812	9.307615	-1.48	0.140	-32.06646	4.550224
marrw25	-10.2331	13.80565	-0.74	0.459	-37.3892	16.923
childw2	-.2772842	2.352155	-0.12	0.906	-4.904039	4.349471
emplw22	10.66205	15.39281	0.69	0.489	-19.61604	40.94015
emplw23	13.00872	15.33277	0.85	0.397	-17.15127	43.16872
emplw24	24.46205	18.63584	1.31	0.190	-12.19519	61.11928
emplw25	1.8521	18.52773	0.10	0.920	-34.59246	38.29666

emplw26	3.733463	15.51268	0.24	0.810	-26.78042	34.24734
occ1w2	-12.17144	13.54141	-0.90	0.369	-38.80778	14.46491
occ2w2	-18.20682	13.17066	-1.38	0.168	-44.11388	7.700235
occ3w2	-4.283118	14.4086	-0.30	0.766	-32.62524	24.05901
occ4w2	-17.50013	13.72878	-1.27	0.203	-44.50503	9.504773
occ5w2	-1.875849	14.10329	-0.13	0.894	-29.61742	25.86572
occ6w2	-15.29873	14.47239	-1.06	0.291	-43.76634	13.16888
occ7w2	-12.4741	16.50422	-0.76	0.450	-44.93837	19.99018
occ8w2	-11.15978	13.71831	-0.81	0.417	-38.14408	15.82452
inc1w2	16.26294	12.73885	1.28	0.203	-8.794732	41.32062
inc2w2	7.269813	11.50885	0.63	0.528	-15.36843	29.90805
inc3w2	13.81556	11.39457	1.21	0.226	-8.597881	36.22901
inc4w2	3.251071	13.13962	0.25	0.805	-22.59494	29.09708
radhlw2	.0384107	.0684703	0.56	0.575	-.0962723	.1730937
radchw2	.1531813	.055549	2.76	0.006	.0439149	.2624477
radtlw2	-.043716	.0560788	-0.78	0.436	-.1540245	.0665926
havmil	.0388161	.0280704	1.38	0.168	-.0163993	.0940314
bfmEL2	-1.369128	.5845965	-2.34	0.020	-2.519046	-.2192104
bfmEL4	-.3907642	.1276903	-3.06	0.002	-.6419346	-.1395937
bfmEL16	.0354794	.0182082	1.95	0.052	-.0003367	.0712954
carcin	-.3744542	.1510166	-2.48	0.014	-.6715082	-.0774002
healthef	.2831364	.1691535	1.67	0.095	-.0495934	.6158662
dvcew2	-.8904533	13.90712	-0.06	0.949	-28.24615	26.46524
sepaw2	-10.03419	18.02081	-0.56	0.578	-45.48163	25.41325
shhlw2	.0165975	.0563547	0.29	0.769	-.0942537	.1274487
shhousw2	.0002076	.0518304	0.00	0.997	-.1017443	.1021594
phlthw2	-.0070719	.1042823	-0.07	0.946	-.2121982	.1980544
suprtw2	.0761874	.0379081	2.01	0.045	.0016211	.1507536
fdferw2	-.0103074	.078675	-0.13	0.896	-.1650634	.1444486
dafter	-.0012409	.0111009	-0.11	0.911	-.0230766	.0205947
near	-.1457641	.0478445	-3.05	0.002	-.2398755	-.0516526
chsize	-.1319739	.0529356	-2.49	0.013	-.2360998	-.027848
polprw2	-.0006481	.0526748	-0.01	0.990	-.104261	.1029648
icdxcnt	3.393045	1.080272	3.14	0.002	1.268119	5.51797
_cons	37782.05	11356.8	3.33	0.001	15442.9	60121.19

```

238 .
239 . scalar fw2wbfw2 = e(r2_a)

240 . set more off

241 .
242 .
243 . // Trimmed model with basis functions
244 . regress WHPel age educ2-educ7 marrw21-marrw23 marrw25 ///
>   radchw2 ///
>   havmil bfmEL2 bfmEL4 bfmEL16 ///
>   carcin healthef ///
>   suprtw2 ///
>   near chsize icdxcnt if gender==1, vce(cluster id)

```

Linear regression

```

Number of obs =    340
F( 22,   339) =   13.38
Prob > F       =   0.0000
R-squared      =   0.3982
Root MSE      =   24.061

```

(Std. Err. adjusted for 340 clusters in id)

WHPel	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
age	.2702936	.1518737	1.78	0.076	-.0284398	.569027
educ2	24.46738	14.38069	1.70	0.090	-3.819234	52.754
educ3	22.01174	13.89683	1.58	0.114	-5.323137	49.34663
educ4	17.96466	14.44739	1.24	0.215	-10.45315	46.38248
educ5	30.09987	14.21458	2.12	0.035	2.139996	58.05975
educ6	23.6291	14.05759	1.68	0.094	-4.021987	51.28019
educ7	25.65155	17.19532	1.49	0.137	-8.171409	59.47451
marrw21	-6.168838	7.434206	-0.83	0.407	-20.79182	8.454145
marrw22	-9.106867	9.34958	-0.97	0.331	-27.49737	9.283631
marrw23	-12.8066	6.937692	-1.85	0.066	-26.45295	.8397481
marrw25	-14.27361	11.08311	-1.29	0.199	-36.07393	7.526718
radchw2	.1220351	.0457406	2.67	0.008	.032064	.2120063
havmil	.029988	.0232715	1.29	0.198	-.0157866	.0757626
bfmEL2	-1.58527	.5373359	-2.95	0.003	-2.642202	-.528337
bfmEL4	-.4023972	.1161097	-3.47	0.001	-.6307833	-.174011
bfmEL16	.0292467	.0158208	1.85	0.065	-.0018726	.0603659
carcin	-.5888307	.0862682	-6.83	0.000	-.7585191	-.4191422
healthef	.5014771	.1008121	4.97	0.000	.3031811	.699773
suprtw2	.0750304	.035099	2.14	0.033	.005991	.1440697
near	-.1360927	.0433054	-3.14	0.002	-.2212738	-.0509115
chsize	-.132805	.0502016	-2.65	0.009	-.231551	-.0340591
icdxcnt	3.059986	.9817765	3.12	0.002	1.128845	4.991128
_cons	42921.3	9991.173	4.30	0.000	23268.8	62573.8

```

245 . scalar tw2wbfw2 = e(r2_a)

246 .
247 . // r2 without basis functions = .175
248 . set more off

249 . regress WHPel age educ2-educ7 marrw21-marrw23 marrw25 ///
>   radchw2 ///
>   havmil ///
>   carcin healthef ///
>   suprtw2 ///
>   near chsize icdxcnt if gender==1, vce(cluster id)

```

Linear regression

```

Number of obs =    340
F( 19,   339) =    5.31
Prob > F       =    0.0000
R-squared      =    0.1795
Root MSE      =    27.962

```

(Std. Err. adjusted for 340 clusters in id)

WHPel	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
age	.5860366	.1773065	3.31	0.001	.2372772	.934796
educ2	23.70856	9.4506	2.51	0.013	5.119358	42.29776
educ3	27.78232	7.767148	3.58	0.000	12.50444	43.06019
educ4	23.49046	10.03198	2.34	0.020	3.757694	43.22323
educ5	32.06349	9.105245	3.52	0.000	14.15359	49.97338
educ6	26.47166	7.92116	3.34	0.001	10.89084	42.05247
educ7	16.55252	12.77978	1.30	0.196	-8.585146	41.69018
marrw21	-3.100339	9.914578	-0.31	0.755	-22.60218	16.4015
marrw22	-7.309819	14.34793	-0.51	0.611	-35.532	20.91237
marrw23	-8.044388	9.506162	-0.85	0.398	-26.74288	10.6541
marrw25	-12.13521	14.02279	-0.87	0.387	-39.71786	15.44744
radchw2	.0547825	.0494293	1.11	0.269	-.0424443	.1520093
havmil	-.0153093	.013498	-1.13	0.258	-.0418597	.0112412
carcin	-.6566249	.1352432	-4.86	0.000	-.9226466	-.3906033
healthef	.6803468	.1500252	4.53	0.000	.3852492	.9754443
suprtw2	.0285286	.0406343	0.70	0.483	-.0513986	.1084558
near	-.0489141	.0498267	-0.98	0.327	-.1469225	.0490944
chsize	-.0837433	.0630771	-1.33	0.185	-.2078151	.0403286
icdxcnt	4.981234	1.130558	4.41	0.000	2.757441	7.205027
_cons	-32.40787	17.26055	-1.88	0.061	-66.35915	1.543403

```

250 .
251 . scalar tw2nobfw2 = e(r2_a)

252 . scalar w2numbfw2 = 3

253 . scalar list tw2nobfw2
      tw2nobfw2 =    .1308152

254 .
255 . scalar numModsw2 = 5

256 . scalar NumMedsw2= 2

257 .
258 . scalar r2chabfw2 = tw2wbfw2 - tw2nobfw2

259 . scalar avgImpBFw2 = r2chabfw2/w2numbfw2

260 . * avgImpBF = average improvement per basis function
261 . scalar list
      W2maleELmed = age radfmw3 sleep, illww3 and Hp2sxlife
      W2maleELMed = age and hp2sxlife
      W1maleELMed = radhlw1 and depagw1
      w1maleELmods = age suprtw1 fdferw1 chsizew1 icdxcnt
      w1numbmaleELmods =          5
      w1nummaleElmods =          5
      r2chabfw1 =    .07938894
      twbf2 =    .48490811
      twnobf =    .26459544
      FemPainDoseMedsw3 = age illw3 phlthw3 radfmw3 hospw3 and radhlw3
      badout =          0
      ckcrit =    .31764707
      pctvalid =        62.5
      pctinvalid =       37.5
      numMedFw2 =          1
      FemPainW2Med = age
      numbfsigfw2 =          9
      dsigfw2 =          0
      fw2 =    .57745936
      FemPainW1Meds = educ and age
      numModsigFw1 =          0
      numbfsigfw1 =          1
      numMainEffsigFw1 =          5
      dsigfw1 =          0
      numMedPainDoseFsigw3 =          6
      numbfsigTw3 =        15
      numModsigTw3 =          0
      numModsigFw3 =          0
      numbfsigfw3 =        15

```

```

    dsigtw3 =          0
    numMedFw3 =         15
numMainEffsigTw3 =         16
    dsigfw3 =          0
numMainEffsigFw3 =         16
    fw3 = .63678289
numbfsigtw2 =          0
    numMedMw2 =          2
    w2numbf =          7
numbfsigTw2 =          9
    tw2nobf = .26459544
numModsigTw2 =          3
    tw2bf = .29409811
numMainEffsigTw2 =         5
    dsigtw2 =          0
numbfsigMw2 =          0
numModsigFw2 =          2
numbfsigFw2 =          3
numMainEffsigFw2 =         8
    dsigFw2 =          .5
    mw2 = .35574302
numModsigTw1 =          1
numMainEffsigTw1 =         5
numModsigMw1 =          0
    dsigtw1 =          3
numbfsigtw1 =          2
NumMainEffsigTw1 =        11
numbfsigMw1 =          1
numMainEffsigMw1 =         7
    Mw1 = .28222811
    dsigMw1 =          1
    wv =          3
    pt =          1
    hyp =          1
W2FemaleELmed = age radfmw3 BSIanx BSIdcp icdxcnt radhlw3 illw3 and Hp2sxlife
    numMedsw3 =          4
    numModsw3 =          1
    avgImpBF = -.01588267
    r2chabfw3 = -.04764801
    w3numbf =          3
    tw3bfbw3 = .39169032
W2FemaleELMed = age and radfmw2 radhlw2 radchw2 illw2 BSIanx BSIdcp icdxcnt hp
> 2sxlife
    tw3nobf = .39169032
    tw3bf = .34404231
    fw3wbf = .33260096
    numMedsw2 =          2
    tw2bfbw2 = .48481206
avgImpBFw2 = .07519191

```

```

r2chabfw2 = .22557574
NumMedsw2 = 2
numModsw2 = 5
w2numbfw2 = 3
tw2nobfw2 = .1308152
tw2wbfw2 = .35639094
fw2wbfw2 = .34555619
W1numMELMeds = 2
W1FemaleELMed = age icdxcnt BSIdep depagw1 BSIanx anxagw1 PTSDw1 HP2sxlife
w1numMElMeds = 2
w1nuFemaleElmods = 0
avgImpBFw1 = .05367898
w1numbf = 3
r2chabf = .16103694
tw1nobf = .18797502
tw1bf = .34901196
fw1 = .37964479

262 . matrix define MaleWHPelr2w2 = (fw2, tw2wbfw2, tw2nobfw2, w2numbfw2, r2chabfw
> 2, avgImpBFw2, numModsw2, NumMedsw2)

263 . matrix colnames MaleWHPelr2w2 = FullBFR2aw2 TR2aBFw2 TR2aNoBFw2 NumBFw2 B
> FR2chaw2 AvgImpBFw2 NumModsw2 NumMedsw2

264 . matrix rownames MaleWHPelr2w2 = wave2

265 . matlist MaleWHPelr2w2

> 2 NumModsw2 | FullBFR~2 TR2aBFw2 TR2aNoB~2 NumBFw2 BFR2chaw2 AvgImpB~
> | NumMedsw2
> -----
> wave2 | .5774594 .4848121 .1308152 3 .2255757 .075191
> 9 5 2

```

```

266 .
267 . matrix define MaleWHPelr2 = (MaleWHPelr2w1 \ MaleWHPelr2w2)

```

```
268 . matlist MaleWHPelr2
```

		FullBFR2a	TR2aBF	TR2aNoBF	NumBF	BFR2cha	AvgImpB
> F	wlnumMods	wlnumMeds					
>							
	wave1	.3796448	.349012	.187975	3	.1610369	.05367
> 9	5	2					
	wave2	.5774594	.4848121	.1308152	3	.2255757	.075191
> 9	5	2					

269 .

270 .

```
271 . title "Wave 2 male  moderator analysis"
```

```
*****  
> *  
*****  
> *  
*****  
*****  
> *  
*****  
*****  
> *  
*****  
Wave 2 male moderator analysis  
> *  
*****  
*****  
> *  
*****  
*****  
*****  
*****  
29 Jun 2012 07:48:24  
> *  
*****  
*****  
> *
```

```

272 .
273 .
274 . // Trimmed model with basis functions
275 . regress WHPel age educ2-educ7 marrw21-marrw23 marrw25 ///
>   radchw2 ///
>   havmil bfmEL2 bfmEL4 bfmEL16 ///
>   carcin healthef ///
>   suprtw2 ///
>   near chsize icdxcnt if gender==1, vce(cluster id)

```

Linear regression

```

Number of obs =    340
F( 22,    339) =   13.38
Prob > F       =   0.0000
R-squared      =   0.3982
Root MSE      =   24.061

```

(Std. Err. adjusted for 340 clusters in id)

WHPel	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
age	.2702936	.1518737	1.78	0.076	-.0284398	.569027
educ2	24.46738	14.38069	1.70	0.090	-3.819234	52.754
educ3	22.01174	13.89683	1.58	0.114	-5.323137	49.34663
educ4	17.96466	14.44739	1.24	0.215	-10.45315	46.38248
educ5	30.09987	14.21458	2.12	0.035	2.139996	58.05975
educ6	23.6291	14.05759	1.68	0.094	-4.021987	51.28019
educ7	25.65155	17.19532	1.49	0.137	-8.171409	59.47451
marrw21	-6.168838	7.434206	-0.83	0.407	-20.79182	8.454145
marrw22	-9.106867	9.34958	-0.97	0.331	-27.49737	9.283631
marrw23	-12.8066	6.937692	-1.85	0.066	-26.45295	.8397481
marrw25	-14.27361	11.08311	-1.29	0.199	-36.07393	7.526718
radchw2	.1220351	.0457406	2.67	0.008	.032064	.2120063
havmil	.029988	.0232715	1.29	0.198	-.0157866	.0757626
bfmEL2	-1.58527	.5373359	-2.95	0.003	-2.642202	-.528337
bfmEL4	-.4023972	.1161097	-3.47	0.001	-.6307833	-.174011
bfmEL16	.0292467	.0158208	1.85	0.065	-.0018726	.0603659
carcin	-.5888307	.0862682	-6.83	0.000	-.7585191	-.4191422
healthef	.5014771	.1008121	4.97	0.000	.3031811	.699773
suprtw2	.0750304	.035099	2.14	0.033	.005991	.1440697
near	-.1360927	.0433054	-3.14	0.002	-.2212738	-.0509115
chsize	-.132805	.0502016	-2.65	0.009	-.231551	-.0340591
icdxcnt	3.059986	.9817765	3.12	0.002	1.128845	4.991128
_cons	42921.3	9991.173	4.30	0.000	23268.8	62573.8

```

276 .
277 . foreach var in bfmEL2 bfmEL4 bfmEL6 carcin healthef near icdxcnt {
      2.   cap gen `var'Xd2 = `var'*avgcumdosew2
      3.   }

278 .
279 .
280 . // Trimmed model with basis functions
281 . regress WHPel age educ2-educ7 marrw21-marrw23 marrw25 ///
>   radchw2 ///
>   havmil bfmEL2 bfmEL4 bfmEL16 ///
>   carcin healthef ///
>   suprtw2 ///
>   near chsize icdxcnt bfmEL4Xd2-icdxcntXd2 if gender==1, vce(cluster id)
>
note: bfmEL6Xd2 omitted because of collinearity

```

Linear regression

```

Number of obs =      340
F( 26, 339) =      .
Prob > F      =      .
R-squared     =    0.4129
Root MSE     =    23.955

```

(Std. Err. adjusted for 340 clusters in id)

WHPel	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
age	.2421288	.1516368	1.60	0.111	-.0561388	.5403964
educ2	23.6967	14.68099	1.61	0.107	-5.180611	52.57402
educ3	21.25351	14.16992	1.50	0.135	-6.618537	49.12556
educ4	17.3952	14.71755	1.18	0.238	-11.55401	46.34441
educ5	28.10652	14.56568	1.93	0.054	-.5439717	56.75701
educ6	22.45317	14.29669	1.57	0.117	-5.668225	50.57456
educ7	24.93462	17.53378	1.42	0.156	-9.554093	59.42332
marrw21	-6.493675	7.478988	-0.87	0.386	-21.20474	8.217392
marrw22	-9.251759	9.438242	-0.98	0.328	-27.81665	9.313135
marrw23	-13.68417	6.989104	-1.96	0.051	-27.43164	.063304
marrw25	-16.70559	11.87233	-1.41	0.160	-40.05829	6.647112
radchw2	.11655	.0460394	2.53	0.012	.0259912	.2071089
havmil	.0280993	.0231175	1.22	0.225	-.0173726	.0735712
bfmEL2	-1.666796	.5332022	-3.13	0.002	-2.715598	-.6179949
bfmEL4	-.3857775	.1168462	-3.30	0.001	-.6156124	-.1559425
bfmEL16	.0269654	.0157633	1.71	0.088	-.0040408	.0579715
carcin	-.4676663	.2309403	-2.03	0.044	-.9219228	-.0134099
healthef	.4098274	.2421788	1.69	0.092	-.0665349	.8861897
suprtw2	.069914	.035319	1.98	0.049	.000442	.139386
near	-.0907609	.0631736	-1.44	0.152	-.2150225	.0335007
chsize	-.1505494	.0505367	-2.98	0.003	-.2499544	-.0511444

```
282 . // no moderator effects are significant at wave 2
283 .
284 .
285 . title "Wave 2 male mediation analysis"
```

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```

Structural equation model                               Number of obs      =       340
Estimation method   = ml
Log likelihood       = -3750.439

```

```

> -----
> val]
> -----
Structural
  age <-
    avgcumdosew2   .5832314   .2628107   2.22   0.026   .0681318   1.09
> 8331
    _cons   48.62133   .7040762   69.06   0.000   47.24136   50.0
> 0129
> -----
  whpel <-
    age   .6520247   .1282979   5.08   0.000   .4005655   .903
> 4839
    _cons -8.877521   6.501358   -1.37   0.172   -21.61995   3.86
> 4907
> -----
Variance
    e.age   146.8166   11.26032               126.3255   170.
> 6315
    e.whpel 833.5635   63.9314               717.2235   968.
> 7748
> -----
LR test of model vs. saturated: chi2(1)   =       5.11, Prob > chi2 = 0.0238

```

```

291 . sem(avgcumdosew2->illw2)(illw2->whpel) if gender==1, nocapslatent

```

Endogenous variables

Observed: **illw2 whpel**

Exogenous variables

Observed: **avgcumdosew2**

Fitting target model:

```
Iteration 0:    log likelihood = -2732.9741
Iteration 1:    log likelihood = -2732.9741
```

```
Structural equation model      Number of obs      =      340
Estimation method   = ml
Log likelihood       = -2732.9741
```

> _____						
		OIM				
	Coef.	Std. Err.	z	P> z	[95% Conf. Inter	
> val]						
> _____						
Structural						
illw2 <-						
avgcumdosew2	.0085423	.0128178	0.67	0.505	-.0165801	.033
> 6647						
_cons	.2741359	.0343391	7.98	0.000	.2068324	.341
> 4394						
> _____						
whpel <-						
illw2	6.594973	2.723166	2.42	0.015	1.257665	11.9
> 3228						
_cons	21.32848	1.784478	11.95	0.000	17.83097	24.8
> 2599						
> _____						
Variance						
e.illw2	.3492324	.0267849			.3004902	.40
> 5881						
e.whpel	881.6754	67.62142			758.6204	1024
> .691						
> _____						
LR test of model vs. saturated: chi2(1) = 7.25, Prob > chi2 = 0.0071						

```
292 . sem(avgcumdosew2->radchw2)(radchw2->whpel) if gender==1, nocapslatent
```

Endogenous variables

Observed: **radchw2 whpel**

Exogenous variables

Observed: **avgcumdosew2**

Fitting target model:

Iteration 0: log likelihood = **-4111.8667**

Iteration 1: log likelihood = **-4111.8667**

```
Structural equation model                                Number of obs      =      340
Estimation method   = ml
Log likelihood       = -4111.8667
```

```
> -----
               OIM
               Coef.   Std. Err.      z    P>|z|     [95% Conf. Inter
> val]
-----+-----
> -----
Structural
  radchw2 <-
    avgcumdosew2    1.121598   .7344428    1.53   0.127   -.3178833    2.5
> 6108
    _cons           47.60346   1.96759    24.19   0.000   43.74706    51.4
> 5987
-----+-----
> -----
  whpel <-
    radchw2         .0442927   .0477412    0.93   0.354   -.0492783    .137
> 8636
    _cons           21.03432   2.83424    7.42   0.000   15.47931    26.5
> 8933
-----+-----
> -----
Variance
    e.radchw2       1146.581   87.93878                   986.5537    1332
> .567
    e.whpel         894.6198   68.61421                   769.7582    1039
> .735
-----+-----
> -----
LR test of model vs. saturated: chi2(1)    =      7.24, Prob > chi2 = 0.0071
```

```
293 . sem(avgcumdosew2->radhlw2)(radhlw2->whpel) if gender==1, nocapslatent
```

Endogenous variables

Observed: **radhlw2 whpel**

Exogenous variables

Observed: **avgcumdosew2**

Fitting target model:

Iteration 0: log likelihood = **-4109.1774**

Iteration 1: log likelihood = **-4109.1774**

```
Structural equation model                Number of obs      =      340
Estimation method   = ml
Log likelihood      = -4109.1774
```

> _____							
		OIM					
	Coef.	Std. Err.	z	P> z	[95% Conf. Inter		
> val]							
> _____							
Structural							
radhlw2 <-							
avgcumdosew2	1.220373	.7639591	1.60	0.110	-.2769597	2.71	
> 7705							
_cons	45.63198	2.046665	22.30	0.000	41.62059	49.6	
> 4337							
> _____							
whpel <-							
radhlw2	.2577464	.0437617	5.89	0.000	.1719751	.343	
> 5178							
_cons	11.12654	2.56695	4.33	0.000	6.09541	16.1	
> 5767							
> _____							
Variance							
e.radhlw2	1240.593	95.1491			1067.444	1441	
> .828							
e.whpel	813.8495	62.41941			700.261	945.	
> 8631							
> _____							

```
294 . sem(avqcumdosew2->icdxcnt)(icdxcnt->whpel) if gender==1, nocapslatent
```

Observed: **icdxcnt whpel**

Observed: **avgcumdosew2**

Iteration 1: log likelihood = -3070.1668

		OIM				
> _____		Coef.	Std. Err.	z	P> z	[95% Conf. Inter
> val]						
> _____						
Structural						
icdxcnt <-						
avgcumdosew2		.0482004	.0364651	1.32	0.186	-.02327 .119
> 6707						
_cons		2.097753	.0976909	21.47	0.000	1.906282 2.28
> 9223						
> _____						
whpel <-						
icdxcnt		6.082854	.9053643	6.72	0.000	4.308372 7.85
> 7335						
_cons		10.14823	2.469212	4.11	0.000	5.308668 14.
> 9878						
> _____						
Variance						
e.icdxcnt		2.82647	.2167804			2.431981 3.28
> 4948						
e.whpel		791.7647	60.72558			681.2585 920.
> 1959						

```
295 . sem(avgcumdosew2->BSIdep)(BSIdep->whpel) if gender==1, nocapslatent
```

Log likelihood = -3249.9872



```
> _____
LR test of model vs. saturated: chi2(1)    =      6.84, Prob > chi2 = 0.0089
```

```
296 . sem(avgcumdosew2->BSIanx)(BSIanx->whpel) if gender==1, nocapslatent
```

```
Endogenous variables
```

```
Observed:  BSIanx whpel
```

```
Exogenous variables
```

```
Observed:  avgcumdosew2
```

```
Fitting target model:
```

```
Iteration 0:  log likelihood = -3231.5028
```

```
Iteration 1:  log likelihood = -3231.5028
```

```
Structural equation model                                Number of obs      =      340
```

```
Estimation method  = ml
```

```
Log likelihood      = -3231.5028
```

```
> _____
```

	Coef.	OIM Std. Err.	z	P> z	[95% Conf. Inter	
> val]						
> _____						
Structural						
BSIanx <-						
avgcumdosew2	.0891716	.0598542	1.49	0.136	-.0281406	.206
> 4838						
_cons	7.534812	.160351	46.99	0.000	7.22053	7.84
> 9094						
> _____						
whpel <-						
BSIanx	4.239198	.539721	7.85	0.000	3.181364	5.29
> 7031						
_cons	-9.114591	4.37601	-2.08	0.037	-17.69141	-.537
> 7688						
> _____						
Variance						
e.BSIanx	7.615158	.584056			6.552315	8.85
> 0404						
e.whpel	759.1408	58.22344			653.1879	882.

> 2802

> _____

LR test of model vs. saturated: chi2(1) = 5.59, Prob > chi2 = 0.0181

297 . sem(avgcumdosew2->PTSDw2)(PTSDw2->whpel) if gender==1, nocapslatent

Endogenous variables

Observed: PTSDw2 whpel

Exogenous variables

Observed: avgcumdosew2

Fitting target model:

Iteration 0: log likelihood = -3774.6382

Iteration 1: log likelihood = -3774.6382

Structural equation model

Number of obs = 340

Estimation method = ml

Log likelihood = -3774.6382

> _____

	Coef.	OIM Std. Err.	z	P> z	[95% Conf. Inter	
--	-------	------------------	---	------	------------------	--

> val]

> _____

Structural

PTSDw2 <-

avgcumdosew2

	-.0429879	.2746329	-0.16	0.876	-.5812585	.495
--	-----------	----------	-------	-------	-----------	------

> 2828

_cons

	5.196645	.7357482	7.06	0.000	3.754605	6.63
--	----------	----------	------	-------	----------	------

> 8685

> _____

whpel <-

PTSDw2

	.3233827	.1270627	2.55	0.011	.0743444	.572
--	----------	----------	------	-------	----------	------

> 4211

_cons

	21.52346	1.737143	12.39	0.000	18.11872	24.9
--	----------	----------	-------	-------	----------	------

> 2819

> _____

Variance

e.PTSDw2

	160.3224	12.29617			137.9463	186.
--	----------	----------	--	--	----------	------

> 3281

e.whpel	880.1175	67.50193	757.28	102
---------	----------	----------	--------	-----

> 2.88

> —
 LR test of model vs. saturated: chi2(1) = 7.87, Prob > chi2 = 0.0050

298 . sem(avgcumdosew2->radfmw2)(radfmw2->whpel) if gender==1, nocapslatent

Endogenous variables

Observed: radfmw2 whpel

Exogenous variables

Observed: avgcumdosew2

Fitting target model:

Iteration 0: log likelihood = -4100.4947
 Iteration 1: log likelihood = -4100.4947

Structural equation model	Number of obs	=	340
Estimation method	=	ml	
Log likelihood	=	-4100.4947	

> —						
	Coef.	OIM Std. Err.	z	P> z	[95% Conf. Inter	
> val]						
> —						
Structural						
radfmw2 <-						
avgcumdosew2	.8365725	.7409603	1.13	0.259	-.615683	2.28
> 8828						
_cons	55.20999	1.98505	27.81	0.000	51.31936	59.1
> 0061						
> —						
whpel <-						
radfmw2	.252708	.0454323	5.56	0.000	.1636623	.341
> 7537						
_cons	9.035226	2.982328	3.03	0.002	3.18997	14.8
> 8048						
> —						
Variance						
e.radfmw2	1167.021	89.50646			1004.141	1356

```

> .323
      e.whpel |      822.0777      63.05048                707.3408      955
> .426

```

```

> _____
LR test of model vs. saturated: chi2(1)      =      6.45, Prob > chi2 = 0.0111

```

```

299 . sem(avgcumdosew2->radtlw2)(radtlw2->whpel) if gender==1, nocapslatent

```

Endogenous variables

Observed: **radtlw2 whpel**

Exogenous variables

Observed: **avgcumdosew2**

Fitting target model:

Iteration 0: log likelihood = **-4121.0144**

Iteration 1: log likelihood = **-4121.0144**

```

Structural equation model                Number of obs      =      340
Estimation method   = ml
Log likelihood      = -4121.0144

```

```

> _____
> _____
> val]
> _____
Structural
  radtlw2 <-
    avgcumdosew2      .3299338      .7547777      0.44      0.662      -1.149403      1.80
> 9271
    _cons      51.63557      2.022068      25.54      0.000      47.67239      55.5
> 9875
> _____
> _____
  whpel <-
    radtlw2      .0496846      .046582      1.07      0.286      -.0416144      .140
> 9836
    _cons      20.60933      2.913047      7.07      0.000      14.89986      26.3
> 1879
> _____
Variance

```

e.radtlw2	1210.953	92.87582	1041.941	140
> 7.38				
e.whpel	893.8936	68.55851	769.1334	1038
> .891				

> _____
LR test of model vs. saturated: chi2(1) = 7.49, Prob > chi2 = 0.0062

300 . sem(avgcumdosew2->anxagw2)(anxagw2->whpel) if gender==1, nocapslatent

Endogenous variables

Observed: anxagw2 whpel

Exogenous variables

Observed: avgcumdosew2

Fitting target model:

Iteration 0: log likelihood = -3901.1257

Iteration 1: log likelihood = -3901.1257

Structural equation model	Number of obs	=	340
Estimation method	=	ml	
Log likelihood	=	-3901.1257	

> _____						
		OIM				
	Coef.	Std. Err.	z	P> z	[95% Conf. Inter	
> val]						
> _____						
Structural						
anxagw2 <-						
avgcumdosew2	.1453454	.40215	0.36	0.718	-.6428541	.933
> 5449						
_cons	9.079306	1.077369	8.43	0.000	6.967701	11.1
> 9091						
> _____						
whpel <-						
anxagw2	.3102537	.0859501	3.61	0.000	.1417945	.478
> 7129						
_cons	20.33032	1.780002	11.42	0.000	16.84158	23.8
> 1906						
> _____						

Variance					
e.anxagw2	343.7677	26.36578		295.7882	399.
> 5299					
e.whpel	863.7817	66.24904		743.2242	1003
> .895					

> _____
 LR test of model vs. saturated: chi2(1) = 7.50, Prob > chi2 = 0.0062

301 . sem(avgcumdosew2->HP2sxlife)(HP2sxlife->whpel) if gender==1, nocapslatent

Endogenous variables

Observed: **HP2sxlife whpel**

Exogenous variables

Observed: **avgcumdosew2**

Fitting target model:

Iteration 0: log likelihood = -2581.7136
 Iteration 1: log likelihood = -2581.7136

Structural equation model Number of obs = 340
 Estimation method = ml
 Log likelihood = -2581.7136

> _____						
	Coef.	OIM Std. Err.	z	P> z	[95% Conf. Inter	
> val]						
> _____						
Structural						
HP2sxlife <-						
avgcumdosew2	.0186763	.0086644	2.16	0.031	.0016944	.035
> 6582						
_cons	.184976	.0232121	7.97	0.000	.1394811	.23
> 0471						
> _____						
whpel <-						
HP2sxlife	25.39498	3.796194	6.69	0.000	17.95458	32.8
> 3539						
_cons	18.0369	1.710147	10.55	0.000	14.68507	21.3
> 8873						

```

> -----
Variance
    e.HP2sxlife |      .1595754      .0122389                .1373035      .185
> 4599
    e.whpel |      792.5673      60.78714                681.9491      921.
> 1287
-----

```

```

> -----
LR test of model vs. saturated: chi2(1)      =      4.67, Prob > chi2 = 0.0307

```

```

302 . sem(avgcumdosew2->drinkspww2)(drinkspww2->whpel) if gender==1, nocapslatent

```

Endogenous variables

Observed: **drinkspww2 whpel**

Exogenous variables

Observed: **avgcumdosew2**

Fitting target model:

Iteration 0: log likelihood = **-3181.4492**

Iteration 1: log likelihood = **-3181.4492**

```

Structural equation model                                Number of obs      =      340
Estimation method   = ml
Log likelihood       = -3181.4492

```

```

> -----
>                               OIM
>                               Coef.   Std. Err.      z    P>|z|     [95% Conf. Inter
> val]
-----+-----
> -----
Structural
    drinkspww2 <-
      avgcumdosew2      .0455163      .0476342      0.96   0.339      -.0478451      .138
> 8777
      _cons      1.530923      .1276133     12.00   0.000      1.280805      1.7
> 8104
-----+-----
> -----
    whpel <-
      drinkspww2      .9076404      .7369126      1.23   0.218      -.5366818      2.35
> 1963
      _cons      21.76132      1.993177     10.92   0.000      17.85477      25.6
> 6788

```

```

> -----
Variance
   e.drinkspw2 |      4.823114   .3699159                4.149954   5.60
> 5466
   e.whpel |      892.9006   68.48235                768.279   1037
> .737
> -----
LR test of model vs. saturated: chi2(1)   =      7.30, Prob > chi2 = 0.0069

```

```
303 . sem(avgcumdosew2->depagw2)(depagw2->whpel) if gender==1, nocapslatent
```

Endogenous variables

Observed: **depagw2 whpel**

Exogenous variables

Observed: **avgcumdosew2**

Fitting target model:

Iteration 0: log likelihood = **-3867.5441**

Iteration 1: log likelihood = **-3867.5441**

```

Structural equation model                                Number of obs      =      340
Estimation method   = ml
Log likelihood       = -3867.5441

```

```

> -----
               OIM
             Coef.  Std. Err.      z    P>|z|     [95% Conf. Inter
> val]
> -----
Structural
   depagw2 <-
   avgcumdosew2 |      .5814392   .3640538     1.60   0.110   - .1320932   1.29
> 4972
   _cons |      7.931876   .9753089     8.13   0.000    6.020306   9.84
> 3447
> -----
   whpel <-
   depagw2 |      .3347175   .0946797     3.54   0.000    .1491488   .520
> 2863
   _cons |      20.34844   1.78625    11.39   0.000   16.84746   23.8

```

```

> 4943
-----
Variance
    e.depawg2 |      281.7216    21.60706                242.4019    327.
> 4194
    e.whpel |      865.0849    66.34898                744.3455    1005
> .409
-----
LR test of model vs. saturated: chi2(1)    =      6.29, Prob > chi2 = 0.0122

```

```

304 . sem(avgcumdosew2->whpsleep)(whpsleep->whpel) if gender==1, nocapslatent

```

Endogenous variables

Observed: **whpsleep whpel**

Exogenous variables

Observed: **avgcumdosew2**

Fitting target model:

```

Iteration 0:  log likelihood = -3964.6753
Iteration 1:  log likelihood = -3964.6753

```

```

Structural equation model                                Number of obs      =      340
Estimation method   = ml
Log likelihood       = -3964.6753

```

```

> -----
              Coef.      OIM      z      P>|z|      [95% Conf. Inter
              Std. Err.
> val]
-----
> -----
Structural
    whpsleep <-
    avgcumdosew2 |      1.030356    .5347701      1.93    0.054    -.0177741    2.07
> 8486
    _cons |      16.30576    1.432662     11.38    0.000     13.49779    19.1
> 1372
-----
> -----
    whpel <-
    whpsleep |      .551618    .0582892      9.46    0.000     .4373733    .665
> 8628

```

```

      _cons |    13.64932    1.761942    7.75    0.000    10.19597    17.1
> 0266
-----
Variance
      e.whpsleep |    607.8874    46.62284                523.0449    706.
> 4921
      e.whpel |    709.8956    54.44651                610.8158    825.
> 0469
-----
LR test of model vs. saturated: chi2(1)    =    4.48, Prob > chi2 = 0.0343

```

```
305 . sem(avgcumdosew2->fdferw2)(fdferw2->whpel) if gender==1, nocapslatent
```

Endogenous variables

Observed: **fdferw2 whpel**

Exogenous variables

Observed: **avgcumdosew2**

Fitting target model:

Iteration 0: log likelihood = **-4038.5918**

Iteration 1: log likelihood = **-4038.5918**

```

Structural equation model                      Number of obs    =    340
Estimation method    = ml
Log likelihood        = -4038.5918

```

```

> -----
              Coef.      OIM      z      P>|z|      [95% Conf. Inter
              Std. Err.
> val]
-----
Structural
      fdferw2 <-
      avgcumdosew2 |    .2865327    .6101081    0.47    0.639    -.9092572    1.48
> 2323
      _cons |    16.0332    1.634494    9.81    0.000    12.82965    19.2
> 3675
-----
      whpel <-
      fdferw2 |    .2621922    .0559425    4.69    0.000    .1525468    .371

```

```

> 8376
      _cons |      18.91454      1.819398      10.40      0.000      15.34859      22.
> 4805
-----|-----
> -----
Variance
      e.fdferw2 |      791.2296      60.68454
> .574
      e.whpel |      842.4565      64.61346
> 1104
-----|-----
> -----
LR test of model vs. saturated: chi2(1)      =      7.42, Prob > chi2 = 0.0064

```

```

306 . sem(avgcumdosew2->goferw2)(goferw2-> whpel) if gender==1, nocapslatent

```

Endogenous variables

Observed: **goferw2 whpel**

Exogenous variables

Observed: **avgcumdosew2**

Fitting target model:

Iteration 0: log likelihood = **-3866.9219**

Iteration 1: log likelihood = **-3866.9219**

```

Structural equation model                                Number of obs      =      340
Estimation method   = ml
Log likelihood       = -3866.9219

```

```

> -----|-----
> -----|-----
> -----|-----
      Coef.      OIM      z      P>|z|      [95% Conf. Inter
      Std. Err.
> val]
-----|-----
> -----|-----
Structural
      goferw2 <-
      avgcumdosew2 |      .5291007      .3615845      1.46      0.143      -.1795918      1.23
> 7793
      _cons |      6.791045      .9686934      7.01      0.000      4.892441      8.6
> 8965
-----|-----
> -----|-----
      whpel <-

```

```
*****
> *
*****
> *
*****
> *
*****
> *
*****
Wave three male dose- energy level response model
> *
*****
> *
*****
> *
*****
29 Jun 2012 07:48:27
> *
*****
> *
```

```
*****
> *
```

```
316 .
317 . set more off

318 . des WHPel age educ2-educ7 marrw31-marrw33 marrw35 childw3 ///
>   emplw32-emplw35 occ1w3-occ8w3 inc1w3-inc4w3 radhlw3 radchw3 ///
>   radtlw3 havmil bfmEL2 bfmEL4 bfmEL16 ///
>   carcin healthef dvcew3 sepaw3 shhlw3 shhousw3 phlthw3 suprtw3 fdferw3 ///
>   dafter near chsize polprw3 icdxcnt
```

variable name	storage type	display format	value label	variable label
WHPel	double	%9.0g		Wtd Health Profile Pt 1 Energy Level Subscale
age	byte	%8.0g		* Respondent's age
educ2	byte	%8.0g		educ==2. graduated high school
educ3	byte	%8.0g		educ==3. technical degree
educ4	byte	%8.0g		educ==4. did not finish college/bachelor's
educ5	byte	%8.0g		educ==5. graduated college/bachelor's
educ6	byte	%8.0g		educ==6. finished specialist/master's degree
educ7	byte	%8.0g		educ==7. doctor of science/phd
marrw31	byte	%8.0g		marrw3==1. single
marrw32	byte	%8.0g		marrw3==2. cohabitating
marrw33	byte	%8.0g		marrw3==3. married
marrw35	byte	%8.0g		marrw3==5. divorced
childw3	byte	%8.0g		number of children now
emplw32	byte	%8.0g		emplw3==2. part time
emplw33	byte	%8.0g		emplw3==4. retired
emplw34	byte	%8.0g		emplw3==5. unemployed
emplw3	byte	%15.0g	LABI	mode of employment now
occ1w1	byte	%15.0g	LABJ	profess executive administration in 1986
occ2w1	byte	%15.0g	LABJ	technical sales admin support in 1986
occ3w1	byte	%15.0g	LABJ	service occup protective services in 1986
occ4w1	byte	%15.0g	LABJ	precision prod mechan craft construction in 1986
occ5w1	byte	%15.0g	LABJ	factory laborer machinist transp cleaner in 1986
occ6w1	byte	%15.0g	LABJ	farming agricul forestry fishing

				trapping logging in 1986
occ7w1	byte	%15.0g	LABJ	homemaking or caregiving in 1986
occ8w1	byte	%15.0g	LABJ	student in 1986
occ1w2	byte	%15.0g	LABJ	profess executive administration in 1996
occ2w2	byte	%15.0g	LABJ	technical sales admin support in 1996
occ3w2	byte	%15.0g	LABJ	service occup protective services in 1996
occ4w2	byte	%15.0g	LABJ	precision prod mechan craft construction in 1996
occ5w2	byte	%15.0g	LABJ	factory laborer machinist transp cleaner in 1996
occ6w2	byte	%15.0g	LABJ	farming agricul forestry fishing trapping logging in 1996
occ7w2	byte	%15.0g	LABJ	homemaking caregiving in 1996
occ8w2	byte	%15.0g	LABJ	student in 1996
occ1w3	byte	%15.0g	LABJ	professional executive administration now
occ2w3	byte	%15.0g	LABJ	technical sales admin support now
occ3w3	byte	%15.0g	LABJ	service occup protective services now
occ4w3	byte	%15.0g	LABJ	precision prod mechan craft construction now
occ5w3	byte	%15.0g	LABJ	factory laborer machinist transp cleaner now
occ6w3	byte	%15.0g	LABJ	farming agricul forestry fishing trapping logging now
occ7w3	byte	%15.0g	LABJ	homemaking or caregiving now
occ8w3	byte	%15.0g	LABJ	student now
inc1w1	byte	%15.0g	LABJ	Income is not sufficient for basic neccessities in 1986
inc2w1	byte	%15.0g	LABJ	Income is just sufficient for basic neccessities in 1986
inc3w1	byte	%15.0g	LABJ	Income is sufficient for basics plus extra purchases/savings in 1986
inc4w1	byte	%15.0g	LABJ	Income allows to comfortably afford luxury items in 1986
inc1w2	byte	%15.0g	LABJ	Income is not sufficient for basic neccessities in 1996
inc2w2	byte	%15.0g	LABJ	Income is just sufficient for basic neccessities in 1996
inc3w2	byte	%15.0g	LABJ	Income is sufficient for basics plus extra purchases/savings in 1996
inc4w2	byte	%15.0g	LABJ	Income allows to comfortably afford luxury items in 1996

inc1w3	byte	%15.0g	LABJ	Income is not sufficient for basic neccessities NOW
inc2w3	byte	%15.0g	LABJ	Income is just sufficient for basic neccessities NOW
inc3w3	byte	%15.0g	LABJ	Income is sufficient for basics plus extra purchases/savings NOW
inc4w3	byte	%15.0g	LABJ	Income allows to comfortably afford luxury items NOW
jsw1	byte	%8.0g		Job satisfaction on a scale of 0-100% in 1986
jsw2	byte	%8.0g		Job satisfaction on a scale of 0-100% in 1996
jsw3	byte	%8.0g		Job satisfaction on a scale of 0-100% NOW
deaw1	byte	%8.0g		Total number of death experienced in time period 1986
deaw2	byte	%8.0g		Total number of death experienced in time period 1996
deaw3	byte	%8.0g		Total number of death experienced in time period 1996-NOW
dvcew1	byte	%8.0g		Total number of divorces experienced in time period 1976-1986
dvcew2	byte	%8.0g		Total number of divorces experienced in time period 1987-1996
dvcew3	byte	%8.0g		Total number of divorces experienced in time period 1996-NOW
sepaw1	byte	%8.0g		Total number of separations experienced in time period 1976-1986
sepaw2	byte	%8.0g		Total number of separations experienced in time period 1987-1996
sepaw3	byte	%8.0g		Total number of separations experienced in time period 1996-NOW
accdw1	byte	%8.0g		Total number of accidents experienced in time period 1976-1986
accdw2	byte	%8.0g		Total number of accidents experienced in time period 1987-1996
accdw3	byte	%8.0g		Total number of accidents

			experienced in time period 1996-NOW
cataw1	byte	%8.0g	Total number of disasters experienced in time period 1976-1986
cataw2	byte	%8.0g	Total number of disasters experienced in time period 1987-1996
cataw3	byte	%8.0g	Total number of disasters experienced in time period 1996-NOW
illw1	byte	%8.0g	Total number of illnesses experienced in time period 1976-1986
illw2	byte	%8.0g	Total number of illnesses experienced in time period 1987-1996
illw3	byte	%8.0g	Total number of illnesses experienced in time period 1996-NOW
movew1	byte	%8.0g	Total number of moves experienced in time period 1976-1986
movew2	byte	%8.0g	Total number of moves experienced in time period 1987-1996
movew3	byte	%8.0g	Total number of moves experienced in time period 1996-NOW
shjobw1	byte	%8.0g	Percentage of strains and hassles related to job in 1986
shjobw2	byte	%8.0g	Percentage of strains and hassles related to job in 1996
shjobw3	byte	%8.0g	* Percentage of strains and hassles related to job NOW
shfamw1	byte	%8.0g	Percentage of strains and hassles related to family in 1986
shfamw2	byte	%8.0g	Percentage of strains and hassles related to family in 1996
shfamw3	byte	%8.0g	Percentage of strains and hassles related to family NOW
shhlw1	byte	%8.0g	Percentage of strains and hassles related to health in 1986
shhlw2	byte	%8.0g	Percentage of strains and hassles related to health in 1996

shhlw3	byte	%8.0g	Percentage of strains and hassles related to health NOW
shfincw1	byte	%8.0g	Percentage of strains and hassles related to finances in 1986
shfincw2	byte	%8.0g	Percentage of strains and hassles related to finances in 1996
shfincw3	byte	%8.0g	Percentage of strains and hassles related to finances NOW
shhousw1	byte	%8.0g	Percentage of strains and hassles related to housing in 1986
shhousw2	byte	%8.0g	Percentage of strains and hassles related to housing in 1996
shhousw3	byte	%8.0g	Percentage of strains and hassles related to housing NOW
shrelaw1	byte	%8.0g	Percentage of strains and hassles related to relationships in 1986
shrelaw2	byte	%8.0g	Percentage of strains and hassles related to relationships in 1996
shrelaw3	byte	%8.0g	Percentage of strains and hassles related to relationships NOW
suprtw1	byte	%8.0g	Level of support (in percent) from partner in 1986
suprtw2	byte	%8.0g	Level of support (in percent) from partner in 1996
suprtw3	byte	%8.0g	Level of support (in percent) from partner NOW
sufamw1	byte	%8.0g	Level of support (in percent) from family in 1986
sufamw2	byte	%8.0g	Level of support (in percent) from family in 1996
sufamw3	byte	%8.0g	Level of support (in percent) from family in NOW
suchrw1	byte	%8.0g	Level of support (in percent) from Chernobyl survivor benefits in 1986
suchrw2	byte	%8.0g	Level of support (in percent) from Chernobyl survivor benefits in 1996
suchrw3	byte	%8.0g	Level of support (in percent) from Chernobyl survivor benefits NOW

phlthw1	byte	%8.0g		level of general physical health in 1986
phlthw2	byte	%8.0g		level of general physical health in 1996
phlthw3	byte	%8.0g		level of general physical health now
mhlthw1	byte	%8.0g		level of general psychological/mental health in 1986
mhlthw2	byte	%8.0g		level of general psychological/mental health in 1996
mhlthw3	byte	%8.0g		level of general psychological/mental health now
nil1w1	byte	%26.0g	ill862	name of illness 1 in time period from 1977 to 1986
nil2w1	byte	%26.0g	ill862	name of illness 2 in time period from 1977 to 1986
nil3w1	byte	%26.0g	ill862	name of illness 3 in time period from 1977 to 1986
nil4w1	byte	%26.0g	ill862	name of illness 4 in time period from 1977 to 1986
nil5w1	byte	%26.0g	ill862	name of illness 5 in time period from 1977 to 1986
nil6w1	byte	%26.0g	ill862	name of illness 6 in time period from 1977 to 1986
nil7w1	byte	%26.0g	ill862	name of illness 7 in time period from 1977 to 1986
nil8w1	byte	%26.0g	ill862	name of illness 8 in time period from 1977 to 1986
nil9w1	byte	%26.0g	ill862	name of illness 9 in time period from 1977 to 1986
nil10w1	byte	%26.0g	ill862	name of illness 10 in time period from 1977 to 1986
dil1w1	long	%d		date of onset for illness 1 in time period from 1977 to 1986
dil2w1	int	%d		date of onset for illness 2 in time period from 1977 to 1986
dil3w1	int	%d		date of onset for illness 3 in time period from 1977 to 1986
dil4w1	int	%d		date of onset for illness 4 in time period from 1977 to 1986
dil5w1	int	%d		date of onset for illness 5 in time period from 1977 to 1986
dil6w1	byte	%d		date of onset for illness 6 in time period from 1977 to 1986
dil7w1	byte	%d		date of onset for illness 7 in time period from 1977 to 1986

dil8w1	byte	%d		date of onset for illness 8 in time period from 1977 to 1986
dil9w1	byte	%d		date of onset for illness 9 in time period from 1977 to 1986
dil10w1	byte	%d		date of onset for illness 10 in time period from 1977 to 1986
dril1w1	double	%9.0g		duration of illness 1 in years in time period from 1977 to 1986
dril2w1	double	%9.0g		duration of illness 2 in years in time period from 1977 to 1986
dril3w1	byte	%8.0g		duration of illness 3 in years in time period from 1977 to 1986
dril4w1	byte	%8.0g		duration of illness 4 in years in time period from 1977 to 1986
dril5w1	byte	%8.0g		duration of illness 5 in years in time period from 1977 to 1986
dril6w1	byte	%8.0g		duration of illness 6 in years in time period from 1977 to 1986
dril7w1	byte	%8.0g		duration of illness 7 in years in time period from 1977 to 1986
dril8w1	byte	%8.0g		duration of illness 8 in years in time period from 1977 to 1986
dril9w1	byte	%8.0g		duration of illness 9 in years in time period from 1977 to 1986
dril10w1	byte	%8.0g		duration of illness 10 in years in time period from 1977 to 1986
pil1w1	byte	%15.0g	LABC	persistence of illness 1 in time period fro 1977 to 1986
pil2w1	byte	%15.0g	LABC	persistence of illness 2 in time period fro 1977 to 1986
pil3w1	byte	%15.0g	LABC	persistence of illness 3 in time period fro 1977 to 1986
pil4w1	byte	%15.0g	LABC	persistence of illness 4 in time period fro 1977 to 1986
pil5w1	byte	%15.0g	LABC	persistence of illness 5 in time period fro 1977 to 1986
pil6w1	byte	%15.0g	LABC	persistence of illness 6 in time period fro 1977 to 1986
pil7w1	byte	%15.0g	LABC	persistence of illness 7 in time

pil8w1	byte	%15.0g	LABC	period fro 1977 to 1986 persistence of illness 8 in time period fro 1977 to 1986
pil9w1	byte	%15.0g	LABC	persistence of illness 9 in time period fro 1977 to 1986
pil10w1	byte	%15.0g	LABC	persistence of illness 10 in time period fro 1977 to 1986
nil1w2	byte	%26.0g	ill862	name of illness 1 in time period from 1987-1996
nil2w2	byte	%26.0g	ill862	name of illness 2 in time period from 1987-1996
nil3w2	byte	%26.0g	ill862	name of illness 3 in time period from 1987-1996
nil4w2	byte	%26.0g	ill862	name of illness 4 in time period from 1987-1996
nil5w2	byte	%26.0g	ill862	name of illness 5 in time period from 1987-1996
nil6w2	byte	%26.0g	ill862	name of illness 6 in time period from 1987-1996
nil7w2	byte	%26.0g	ill862	name of illness 7 in time period from 1987-1996
nil8w2	byte	%26.0g	ill862	name of illness 8 in time period from 1987-1996
nil9w2	byte	%26.0g	ill862	name of illness 9 in time period from 1987-1996
nil10w2	byte	%26.0g	ill862	name of illness 10 in time period from 1987-1996
dil1w2	long	%d		date of onset of illness 1 in time period from 1987-1996
dil2w2	long	%d		date of onset of illness 2 in time period from 1987-1996
dil3w2	int	%d		date of onset of illness 3 in time period from 1987-1996
dil4w2	int	%d		date of onset of illness 4 in time period from 1987-1996
dil5w2	int	%d		date of onset of illness 5 in time period from 1987-1996
dil6w2	int	%d		date of onset of illness 6 in time period from 1987-1996
dil7w2	int	%d		date of onset of illness 7 in time period from 1987-1996
dil8w2	byte	%d		date of onset of illness 8 in time period from 1987-1996
dil9w2	byte	%d		date of onset of illness 9 in time period from 1987-1996
dil10w2	byte	%d		date of onset of illness 10 in time period from 1987-1996
dril1w2	double	%9.0g		duration of illness 1 in years in time period from 1987 to

dril2w2	byte	%9.0g		1996 duration of illness 2 in years in time period from 1987 to 1996
dril3w2	byte	%8.0g		duration of illness 3 in years in time period from 1987 to 1996
dril4w2	byte	%8.0g		duration of illness 4 in years in time period from 1987 to 1996
dril5w2	byte	%8.0g		duration of illness 5 in years in time period from 1987 to 1996
dril6w2	byte	%8.0g		duration of illness 6 in years in time period from 1987 to 1996
dril7w2	byte	%8.0g		duration of illness 7 in years in time period from 1987 to 1996
dril8w2	byte	%8.0g		duration of illness 8 in years in time period from 1987 to 1996
dril9w2	byte	%8.0g		duration of illness 9 in years in time period from 1987 to 1996
dril10w2	byte	%8.0g		duration of illness 10 in years in time period from 1987 to 1996
pil1w2	byte	%15.0g	LABC	persistence of illness 1 in time period from 1987 to 1996
pil2w2	byte	%15.0g	LABC	persistence of illness 2 in time period from 1987 to 1996
pil3w2	byte	%15.0g	LABC	persistence of illness 3 in time period from 1987 to 1996
pil4w2	byte	%15.0g	LABC	persistence of illness 4 in time period from 1987 to 1996
pil5w2	byte	%15.0g	LABC	persistence of illness 5 in time period from 1987 to 1996
pil6w2	byte	%15.0g	LABC	persistence of illness 6 in time period from 1987 to 1996
pil7w2	byte	%15.0g	LABC	persistence of illness 7 in time period from 1987 to 1996
pil8w2	byte	%15.0g	LABC	persistence of illness 8 in time period from 1987 to 1996
pil9w2	byte	%15.0g	LABC	persistence of illness 9 in time period from 1987 to 1996
pil10w2	byte	%15.0g	LABC	persistence of illness 10 in time period from 1987 to 1996
nil1w3	byte	%26.0g	ill1862	name of illness 1 in time period

nil2w3	byte	%26.0g	ill862	now name of illness 2 in time period
nil3w3	byte	%26.0g	ill862	now name of illness 3 in time period
nil4w3	byte	%26.0g	ill862	now name of illness 4 in time period
nil5w3	byte	%26.0g	ill862	now name of illness 5 in time period
nil6w3	byte	%26.0g	ill862	now name of illness 6 in time period
nil7w3	byte	%26.0g	ill862	now name of illness 7 in time period
nil8w3	byte	%26.0g	ill862	now name of illness 8 in time period
nil9w3	byte	%26.0g	ill862	now name of illness 9 in time period
nil10w3	byte	%26.0g	ill862	now name of illness 10 in time
dil1w3	long	%d		period now date of onset of illness 1 now
dil2w3	int	%d		date of onset of illness 2 now
dil3w3	long	%d		date of onset of illness 3 now
dil4w3	int	%d		date of onset of illness 4 now
dil5w3	int	%d		date of onset of illness 5 now
dil6w3	int	%d		date of onset of illness 6 now
dil7w3	int	%d		date of onset of illness 7 now
dil8w3	int	%d		date of onset of illness 8 now
dil9w3	int	%d		date of onset of illness 9 now
dil10w3	int	%d		date of onset of illness 10 now
dril1w3	byte	%8.0g		duration of illness 1 now (in
				years)
dril2w3	byte	%8.0g		duration of illness 2 now (in
				years)
dril3w3	byte	%8.0g		duration of illness 3 now (in
				years)
dril4w3	byte	%8.0g		duration of illness 4 now (in
				years)
dril5w3	byte	%8.0g		duration of illness 5 now (in
				years)
dril6w3	byte	%8.0g		duration of illness 6 now (in
				years)
dril7w3	byte	%8.0g		duration of illness 7 now (in
				years)
dril8w3	byte	%8.0g		duration of illness 8 now (in
				years)
dril9w3	byte	%8.0g		duration of illness 9 now (in
				years)
dril10w3	byte	%8.0g		duration of illness 10 now (in
				years)

pillw3	byte	%15.0g	LABC	persistence of illness 1 now
pill2w3	byte	%15.0g	LABC	persistence of illness 2 now
pill3w3	byte	%15.0g	LABC	persistence of illness 3 now
pill4w3	byte	%15.0g	LABC	persistence of illness 4 now
pill5w3	byte	%15.0g	LABC	persistence of illness 5 now
pill6w3	byte	%15.0g	LABC	persistence of illness 6 now
pill7w3	byte	%15.0g	LABC	persistence of illness 7 now
pill8w3	byte	%15.0g	LABC	persistence of illness 8 now
pill9w3	byte	%15.0g	LABC	persistence of illness 9 now
pill10w3	byte	%15.0g	LABC	persistence of illness 10 now
aborw1	byte	%8.0g		number of pregnancy terminations in time period 1976-1986
aborw2	byte	%8.0g		number of pregnancy terminations in time period 1987-1996
aborw3	byte	%8.0g		number of pregnancy terminations in time period 1997-now
contw1	byte	%15.0g	LABC	use of any contraception method in 1976-1986
contw2	byte	%15.0g	LABC	use of any contraception method in 1987-1996
contw3	byte	%15.0g	LABC	use of any contraception method in 1997-now
ncontw1	byte	%15.0g	LABC	use of natural contraception in 1976-1986
ncontw2	byte	%15.0g	LABC	use of natural contraception in 1987-1996
ncontw3	byte	%15.0g	LABC	use of natural contraception in 1997-now
smokw1	int	%8.0g		number of cigarettes per week in 1976-1986
smokw2	int	%8.0g		number of cigarettes per week in 1987-1996
smokw3	int	%8.0g		number of cigarettes per week in 1997-now
beerw1	byte	%8.0g		nuber of beers per week in 1976-1986
beerw2	byte	%8.0g		nuber of beers per week in 1987-1996
beerw3	byte	%8.0g		nuber of beers per week in 1997-now
liqw1	byte	%8.0g		number of spirits per week in 1976-1986
liqw2	byte	%8.0g		number of spirits per week in 1987-1996
liqw3	byte	%8.0g		number of spirits per week in 1997-now
pillw1	byte	%8.0g		number of pills for pain per week in 1976-1986
pillw2	byte	%8.0g		number of pills for pain per

pillw3	byte	%8.0g	week in 1987-1996 number of pills for pain per week in 1997-now
medcow1	byte	%8.0g	number of medical visits for a medical condition per year 1976-1986
medcow2	byte	%8.0g	number of medical visits for a medical condition per year 1987-1996
medcow3	byte	%8.0g	number of medical visits for a medical condition per year 1997-now
hospw1	int	%8.0g	* number of days per year as a patient in a clinic for medical condition in 1976-
hospw2	int	%8.0g	* number of days per year as a patient in a clinic for medical condition in 1987-
hospw3	int	%8.0g	* number of days per year as a patient in a clinic for medical condition in 1997-
vishphw1	byte	%8.0g	number of visits per year to a homeopath for a physical condition in 1976-1986
vishphw2	byte	%8.0g	number of visits per year to a homeopath for a physical condition in 1987-1996
vishphw3	byte	%8.0g	number of visits per year to a homeopath for a physical condition in 1997-now
mhoutw1	byte	%8.0g	number of medical visits for a mental health condition per year 1976-1986
mhoutw2	byte	%8.0g	number of medical visits for a mental health condition per year 1987-1996
mhoutw3	byte	%8.0g	number of medical visits for a mental health condition per year 1997-now
mhinw1	byte	%8.0g	* number of days per year as a patient in a clinic for a mental health in 1976-19
mhinw2	int	%8.0g	* number of days per year as a patient in a clinic for a mental health in 1987-19
mhinw3	byte	%8.0g	* number of days per year as a patient in a clinic for a mental health in 1997-no
vishpw1	byte	%8.0g	* number of visits per year to a

				homeopath for a mental health condition in 1976-1
vishpw2	byte	%8.0g		* number of visits per year to a homeopath for a mental health condition in 1987-1
vishpw3	byte	%8.0g		* number of visits per year to a homeopath for a mental health condition in 1997-n
goferw1	byte	%8.0g		level of fear in percent from going outdoors in 1976-1986
goferw2	byte	%8.0g		level of fear in percent from going outdoors in 1987-1996
goferw3	byte	%8.0g		level of fear in percent from going outdoors in 1997-now
fdferw1	byte	%8.0g		* level of fear in percent from consuming foods contaminated with radiation in 197
fdferw2	byte	%8.0g		* level of fear in percent from consuming foods contaminated with radiation in 198
fdferw3	byte	%8.0g		* level of fear in percent from consuming foods contaminated with radiation in 199
trgovw1	byte	%8.0g		level of trust in government reports about chornobyl in time period 1976-1986
trgovw2	byte	%8.0g		level of trust in government reports about chornobyl in time period 1987-1996
trgovw3	byte	%8.0g		level of trust in government reports about chornobyl in time period 1997-now
trrepw1	byte	%8.0g		* level of trust in medical/scientific reports about chornobyl in time period 197
trrepw2	byte	%8.0g		* level of trust in medical/scientific reports about chornobyl in time period 198
trrepw3	byte	%8.0g		* level of trust in medical/scientific reports about chornobyl in time period 1997
townacc	str23	%23s		* village/ town/ city at time of accident
raiacc	str23	%23s		raion at the time of Chornobyl accident
latacc	byte	%15.0g	LABF	latitude of residence at time of

lonacc	byte	%12.0g	lon	accident longitude of residence at time of accident
latdacc	byte	%8.0g		latitude (in degrees) at time of accident
londacc	int	%8.0g		longitude (in degrees) at time of accident
latmacc	byte	%8.0g		latitude (in minutes) at time of accident
lonmacc	byte	%8.0g		longitude (in minutes) at time of accident
oblacc	byte	%31.0g	LABG	oblast of residence at time of accident
kmacc	int	%8.0g		distance of residence from the chernobyl plant (in kilometers)
townwork	str23	%23s		village/town/ city of w/s at time of accident
rawork	str23	%23s		raion of w/s at time of accident
latwork	byte	%15.0g	LABF	latitude of place of work/study at time of accident
lonwork	byte	%12.0g	lon	longitude of place of work/study at time of accident
latdwork	byte	%8.0g		latitude (in degrees) of place of work/study at time of accident
londwork	int	%8.0g		longitude (in degrees) of place of work/study at time of accident
latmwork	byte	%8.0g		latitude (in minutes) of place of work/study at time of accident
lonmwork	byte	%8.0g		longitude (in minutes) of place of work/study at time of accident
oblwork	byte	%31.0g	LABG	oblast of work /study at the time of accident
kmwork	int	%8.0g		* approximately how far away was your w/s from the chornobyl plant (in kilometers)
injself	byte	%15.0g	LABC	were you injured as a result of the chornobyl accident in 1986?
injselfr	byte	%9.0g	dum	Were u injured because of Chornobyl acc in 1986?
injoth	byte	%15.0g	LABC	was anyone you know injured as a result of the chornobyl accident?
injothr	byte	%9.0g	inj	Was anyone u know injured by

Variable	Type	Format	Label	Description
evacself	byte	%15.0g	LABC	Chornobyl accident? were you evacuated as a result of the chornobyl accident and its aftermath?
evacselfr	byte	%9.0g	dum	Were u evacuated because of Chornobyl accident in 1986?
relself	byte	%15.0g	LABC	were you relocated?
relselfr	byte	%9.0g	dum	Were u relocated because of Chornobyl accident?
townrel	str32	%32s		village/ town/ city of relocated residence
rarel	str32	%32s		raion of relocated residence
latrel	byte	%15.0g	LABF	latitude of relocated residence
lonrel	byte	%12.0g	lon	longitude of relocated residence
latdrel	byte	%8.0g		latitude in degrees of relocated residence
londrel	byte	%8.0g		longitude in degrees of relocated residence
latmrel	int	%8.0g		latitude in minutes of relocated residence
lonmrel	int	%8.0g		longitude in minutes of relocated residence
defnw1	byte	%8.0g		* consider hazardous (in percent) - deficiencies in essential nutrition in 1986
defnw2	byte	%8.0g		* consider hazardous (in percent) - deficiencies in essential nutrition in 1996
defnw3	byte	%8.0g		* consider hazardous (in percent) - deficiencies in essential nutrition NOW
efradw1	byte	%8.0g		consider hazardous (in percent) - effects of radiation in 1986
efradw2	byte	%8.0g		consider hazardous (in percent) - effects of radiation in 1996
efradw3	byte	%8.0g		consider hazardous (in percent) - effects of radiation NOW
ecprw1	byte	%8.0g		consider hazardous (in percent) - economic problems in 1986
ecprw2	byte	%8.0g		consider hazardous (in percent) - economic problems in 1996
ecprw3	byte	%8.0g		consider hazardous (in percent) - economic problems, NOW
polprw1	byte	%8.0g		consider hazardous (in percent) - political problems in 1986
polprw2	byte	%8.0g		consider hazardous (in percent) - political problems in 1996
polprw3	byte	%8.0g		consider hazardous (in percent) - political problems NOW

airw1	byte	%8.0g	consider hazardous (in percent) - air and water pollution in 1986
airw2	byte	%8.0g	consider hazardous (in percent) - air and water pollution in 1996
airw3	byte	%8.0g	consider hazardous (in percent) - air and water pollution NOW
radw1	byte	%8.0g	believed % of the radioactively contaminated area in 1986
radw2	byte	%8.0g	believed % of the radioactively contaminated area in 1996
radw3	byte	%8.0g	believed % of the radioactively contaminated area NOW
radchw1	byte	%8.0g	believed % of pollution related to chornobyl in 1986
radchw2	byte	%8.0g	believed % of pollution related to chornobyl in 1996
radchw3	byte	%8.0g	believed % of pollution related to chornobyl NOW
radtlw1	byte	%8.0g	believed % of cumulative radiation exposed to in a lifetime in 1986
radtlw2	byte	%8.0g	believed % of cumulative radiation exposed to in a lifetime in 1996
radtlw3	byte	%8.0g	believed % of cumulative radiation exposed to in a lifetime NOW
radhlw1	byte	%8.0g	Self-perceived Chornobyl health threat in wave 1
radhlw2	byte	%8.0g	how much believed personal health is affected by radiation in 1996
radhlw3	byte	%8.0g	Self-perceived Chornobyl health threat in wave 3
radhlwc1	byte	%9.0g	Collapsed version of radhlw1 with a cut point of 0-49=0 and 50-100=1
radhlwc2	byte	%9.0g	Collapsed version of radhlw2 with a cut point of 0-49=0 and 50-100=1
radhlwc3	byte	%9.0g	Collapsed version of radhlw1 with a cut point of 0-49=0 and 50-100=1
radfmw1	byte	%8.0g	how much believed family health is affected by radiation in 1986
radfmw2	byte	%8.0g	how much believed family health

					is affected by radiation in 1996
radfmw3	byte	%8.0g			Observed
source	byte	%31.0g	q85	*	what was your initial source of information about the chornobyl plant accident?
dafter	int	%8.0g		*	how many days lapsed after Chornobyl accident before you heard about the acciden
dauthw1	byte	%8.0g			level of danger by authorities (in percent) in 1986
dauthw2	byte	%8.0g			level of danger by authorities (in percent) in 1996
dauthw3	byte	%8.0g			level of danger by authorities (in percent) NOW
medw1	byte	%8.0g			level of danger by general media (in percent) in 1986
medw2	byte	%8.0g			level of danger by general media (in percent) in 1996
medw3	byte	%8.0g			level of danger by general media (in percent) NOW
neiw1	byte	%8.0g			level of danger by neighbors (in percent) in 1986
neiw2	byte	%8.0g			level of danger by neighbors (in percent) in 1996
neiw3	byte	%8.0g			level of danger by neighbors (in percent) NOW
toxic	byte	%8.0g			all radioactive materials remain toxic for thousands of years (% of agreement)
repair	byte	%8.0g		*	body has capability to repair tissue damage caused by exposure (% of agreement)
skin	byte	%8.0g			a suntan is caused by radiating damage to the skin (% of agreement)
near	byte	%8.0g		*	radiation from a nuclear plant site is more concentrated near the plant (% of ag
cloud	byte	%8.0g		*	radioactive fallout is only harmful when visible (% of agreement)
world	byte	%8.0g		*	the chornobyl accident has affected people around the world (% of agreement)
healthef	byte	%8.0g		*	a person exposed to any radiation likely to suffer from (% of agreement)
carcin	byte	%8.0g		*	a person exposed to carcinogen

			is likely to get cancer (% of agreement)
woman	byte	%8.0g	* pregnant exposed to radiation likely to give birth to children with deffects (% there is no safe level of radiation (% of agreement) small doses can actually improve one's health (% of agreement)
saferad	byte	%8.0g	
goodrad	byte	%8.0g	
kzchorn	byte	%8.0g	* in k/z most cases of cancer in humans are known to be caused by radiation from
kzunder	byte	%8.0g	people in k/z underestimate the risks assoicated with radiation (% of agreement)
chsize	byte	%8.0g	* the radioactive fallout from chornobyl affected more people than the radioactive
icdxcnt	byte	%9.0g	count of icdx illnesses
icddx1	str32	%10s	icd ñ 10 code illness 1
icddx2	str32	%10s	icd ñ 10 code illness 2
icddx3	str32	%10s	icd ñ 10 code illness 3
icddx4	str32	%10s	icd ñ 10 code illness 4
icddx5	str32	%10s	icd ñ 10 code illness 5
icddx6	str32	%10s	icd ñ 10 code illness 6
icddx7	str32	%10s	icd ñ 10 code illness 7
icddx8	str32	%10s	icd ñ 10 code illness 8
icddx9	str32	%10s	icd ñ 10 code illness 9
icddx10	str32	%10s	icd ñ 10 code illness 10
icddx11	str32	%10s	icd ñ 10 code illness 11
icddx12	str32	%10s	icd ñ 10 code illness 12
dxdat_1	long	%d	date of original onset (mm/dd/yyyy) illness 1
dxdat_2	int	%d	date of original onset (mm/dd/yyyy) illness 2
dxdat_3	long	%d	date of original onset (mm/dd/yyyy) illness 3
dxdat_4	long	%d	date of original onset (mm/dd/yyyy) illness 4
dxdat_5	int	%d	date of original onset (mm/dd/yyyy) illness 5
dxdat_6	int	%d	date of original onset (mm/dd/yyyy) illness 6
dxdat_7	int	%d	date of original onset (mm/dd/yyyy) illness 7
dxdat_8	int	%d	date of original onset (mm/dd/yyyy) illness 8
dxdat_9	int	%d	date of original onset (mm/dd/yyyy) illness 9

dxdat_10	int	%d	date of original onset (mm/dd/yyyy) illness 10
dxdat_11	int	%d	date of original onset (mm/dd/yyyy) illness 11
dxdat_12	int	%d	date of original onset (mm/dd/yyyy) illness 12
dxnum1	byte	%8.0g	number of years the disease persisted illness 1
dxnum2	byte	%8.0g	number of years the disease persisted illness 2
dxnum3	byte	%8.0g	number of years the disease persisted illness 3
dxnum4	byte	%8.0g	number of years the disease persisted illness 4
dxnum5	byte	%8.0g	number of years the disease persisted illness 5
dxnum6	byte	%8.0g	number of years the disease persisted illness 6
dxnum7	byte	%8.0g	number of years the disease persisted illness 7
dxnum8	byte	%8.0g	number of years the disease persisted illness 8
dxnum9	byte	%8.0g	number of years the disease persisted illness 9
dxnum10	byte	%8.0g	number of years the disease persisted illness 10
dxnum11	byte	%8.0g	number of years the disease persisted illness 11
dxnum12	byte	%8.0g	number of years the disease persisted illness 12
deprl1980	byte	%8.0g	* level of depression (in percentage) in 1980
deprl1981	byte	%8.0g	level of depression (in percentage) in 1981
deprl1982	byte	%8.0g	level of depression (in percentage) in 1982
deprl1983	byte	%8.0g	level of depression (in percentage) in 1983
deprl1984	byte	%8.0g	level of depression (in percentage) in 1984
deprl1985	byte	%8.0g	level of depression (in percentage) in 1985
deprl1986	byte	%8.0g	level of depression (in percentage) in 1986
deprl1987	byte	%8.0g	level of depression (in percentage) in 1987
deprl1988	byte	%8.0g	level of depression (in percentage) in 1988
deprl1989	byte	%8.0g	level of depression (in

deprl1990	byte	%8.0g	percentage) in 1989 level of depression (in percentage) in 1990
deprl1991	byte	%8.0g	level of depression (in percentage) in 1991
deprl1992	byte	%8.0g	level of depression (in percentage) in 1992
deprl1993	byte	%8.0g	level of depression (in percentage) in 1993
deprl1994	byte	%8.0g	level of depression (in percentage) in 1994
deprl1995	byte	%8.0g	level of depression (in percentage) in 1995
deprl1996	byte	%8.0g	level of depression (in percentage) in 1996
deprl1997	byte	%8.0g	level of depression (in percentage) in 1997
deprl1998	byte	%8.0g	level of depression (in percentage) in 1998
deprl1999	byte	%8.0g	level of depression (in percentage) in 1999
deprl2000	byte	%8.0g	level of depression (in percentage) in 2000
deprl2001	byte	%8.0g	level of depression (in percentage) in 2001
deprl2002	byte	%8.0g	level of depression (in percentage) in 2002
deprl2003	byte	%8.0g	level of depression (in percentage) in 2003
deprl2004	byte	%8.0g	level of depression (in percentage) in 2004
deprl2005	byte	%8.0g	level of depression (in percentage) in 2005
deprl2006	byte	%8.0g	level of depression (in percentage) in 2006
deprl2007	byte	%8.0g	level of depression (in percentage) in 2007
deprl2008	byte	%8.0g	level of depression (in percentage) in 2008
deprl2009	byte	%8.0g	level of depression (in percentage) in 2009
deprl2010	byte	%8.0g	level of depression (in percentage) in 2010
anxl1980	byte	%8.0g	level of anxiety (in percentage) in 1980
anxl1981	byte	%8.0g	level of anxiety (in percentage) in 1981
anxl1982	byte	%8.0g	level of anxiety (in percentage) in 1982

anxl1983	byte	%8.0g	level of anxiety (in percentage) in 1983
anxl1984	byte	%8.0g	level of anxiety (in percentage) in 1984
anxl1985	byte	%8.0g	level of anxiety (in percentage) in 1985
anxl1986	byte	%8.0g	level of anxiety (in percentage) in 1986
anxl1987	byte	%8.0g	level of anxiety (in percentage) in 1987
anxl1988	byte	%8.0g	level of anxiety (in percentage) in 1988
anxl1989	byte	%8.0g	level of anxiety (in percentage) in 1989
anxl1990	byte	%8.0g	level of anxiety (in percentage) in 1990
anxl1991	byte	%8.0g	level of anxiety (in percentage) in 1991
anxl1992	byte	%8.0g	level of anxiety (in percentage) in 1992
anxl1993	byte	%8.0g	level of anxiety (in percentage) in 1993
anxl1994	byte	%8.0g	level of anxiety (in percentage) in 1994
anxl1995	byte	%8.0g	level of anxiety (in percentage) in 1995
anxl1996	byte	%8.0g	level of anxiety (in percentage) in 1996
anxl1997	byte	%8.0g	level of anxiety (in percentage) in 1997
anxl1998	byte	%8.0g	level of anxiety (in percentage) in 1998
anxl1999	byte	%8.0g	level of anxiety (in percentage) in 1999
anxl2000	byte	%8.0g	level of anxiety (in percentage) in 2000
anxl2001	byte	%8.0g	level of anxiety (in percentage) in 2001
anxl2002	byte	%8.0g	level of anxiety (in percentage) in 2002
anxl2003	byte	%8.0g	level of anxiety (in percentage) in 2003
anxl2004	byte	%8.0g	level of anxiety (in percentage) in 2004
anxl2005	byte	%8.0g	level of anxiety (in percentage) in 2005
anxl2006	byte	%8.0g	level of anxiety (in percentage) in 2006
anxl2007	byte	%8.0g	level of anxiety (in percentage)

anxl2008	byte	%8.0g	in 2007 level of anxiety (in percentage)
anxl2009	byte	%8.0g	in 2008 level of anxiety (in percentage)
anxl2010	byte	%8.0g	in 2009 level of anxiety (in percentage)
pdisl1980	byte	%8.0g	in 2010 level of somatic/physical discomforts (in percentage) in
pdisl1981	byte	%8.0g	1980 level of somatic/physical discomforts (in percentage) in
pdisl1982	byte	%8.0g	1981 level of somatic/physical discomforts (in percentage) in
pdisl1983	byte	%8.0g	1982 level of somatic/physical discomforts (in percentage) in
pdisl1984	byte	%8.0g	1983 level of somatic/physical discomforts (in percentage) in
pdisl1985	byte	%8.0g	1984 level of somatic/physical discomforts (in percentage) in
pdisl1986	byte	%8.0g	1985 level of somatic/physical discomforts (in percentage) in
pdisl1987	byte	%8.0g	1986 level of somatic/physical discomforts (in percentage) in
pdisl1988	byte	%8.0g	1987 level of somatic/physical discomforts (in percentage) in
pdisl1989	byte	%8.0g	1988 level of somatic/physical discomforts (in percentage) in
pdisl1990	byte	%8.0g	1989 level of somatic/physical discomforts (in percentage) in
pdisl1991	byte	%8.0g	1990 level of somatic/physical discomforts (in percentage) in
pdisl1992	byte	%8.0g	1991 level of somatic/physical discomforts (in percentage) in
pdisl1993	byte	%8.0g	1992 level of somatic/physical discomforts (in percentage) in
			1993

pdisl1994	byte	%8.0g	level of somatic/physical discomforts (in percentage) in 1994
pdisl1995	byte	%8.0g	level of somatic/physical discomforts (in percentage) in 1995
pdisl1996	byte	%8.0g	level of somatic/physical discomforts (in percentage) in 1996
pdisl1997	byte	%8.0g	level of somatic/physical discomforts (in percentage) in 1997
pdisl1998	byte	%8.0g	level of somatic/physical discomforts (in percentage) in 1998
pdisl1999	byte	%8.0g	level of somatic/physical discomforts (in percentage) in 1999
pdisl2000	byte	%8.0g	level of somatic/physical discomforts (in percentage) in 2000
pdisl2001	byte	%8.0g	level of somatic/physical discomforts (in percentage) in 2001
pdisl2002	byte	%8.0g	level of somatic/physical discomforts (in percentage) in 2002
pdisl2003	byte	%8.0g	level of somatic/physical discomforts (in percentage) in 2003
pdisl2004	byte	%8.0g	level of somatic/physical discomforts (in percentage) in 2004
pdisl2005	byte	%8.0g	level of somatic/physical discomforts (in percentage) in 2005
pdisl2006	byte	%8.0g	level of somatic/physical discomforts (in percentage) in 2006
pdisl2007	byte	%8.0g	level of somatic/physical discomforts (in percentage) in 2007
pdisl2008	byte	%8.0g	level of somatic/physical discomforts (in percentage) in 2008
pdisl2009	byte	%8.0g	level of somatic/physical discomforts (in percentage) in 2009
pdisl2010	byte	%8.0g	level of somatic/physical

			discomforts (in percentage) in 2010
emrel1980	byte	%8.0g	intensity of ptsd reactions in 1980
emrel1981	byte	%8.0g	intensity of ptsd reactions in 1981
emrel1982	byte	%8.0g	intensity of ptsd reactions in 1982
emrel1983	byte	%8.0g	intensity of ptsd reactions in 1983
emrel1984	byte	%8.0g	intensity of ptsd reactions in 1984
emrel1985	byte	%8.0g	intensity of ptsd reactions in 1985
emrel1986	byte	%8.0g	intensity of ptsd reactions in 1986
emrel1987	byte	%8.0g	intensity of ptsd reactions in 1987
emrel1988	byte	%8.0g	intensity of ptsd reactions in 1988
emrel1989	byte	%8.0g	intensity of ptsd reactions in 1989
emrel1990	byte	%8.0g	intensity of ptsd reactions in 1990
emrel1991	byte	%8.0g	intensity of ptsd reactions in 1991
emrel1992	byte	%8.0g	intensity of ptsd reactions in 1992
emrel1993	byte	%8.0g	intensity of ptsd reactions in 1993
emrel1994	byte	%8.0g	intensity of ptsd reactions in 1994
emrel1995	byte	%8.0g	intensity of ptsd reactions in 1995
emrel1996	byte	%8.0g	intensity of ptsd reactions in 1996
emrel1997	byte	%8.0g	intensity of ptsd reactions in 1997
emrel1998	byte	%8.0g	intensity of ptsd reactions in 1998
emrel1999	byte	%8.0g	intensity of ptsd reactions in 1999
emrel2000	byte	%8.0g	intensity of ptsd reactions in 2000
emrel2001	byte	%8.0g	intensity of ptsd reactions in 2001
emrel2002	byte	%8.0g	intensity of ptsd reactions in 2002
emrel2003	byte	%8.0g	intensity of ptsd reactions in

emrel2004	byte	%8.0g	2003 intensity of ptsd reactions in 2004
emrel2005	byte	%8.0g	intensity of ptsd reactions in 2005
emrel2006	byte	%8.0g	intensity of ptsd reactions in 2006
emrel2007	byte	%8.0g	intensity of ptsd reactions in 2007
emrel2008	byte	%8.0g	intensity of ptsd reactions in 2008
emrel2009	byte	%8.0g	intensity of ptsd reactions in 2009
emrel2010	byte	%8.0g	intensity of ptsd reactions in 2010
hlthl1980	byte	%8.0g	intensity of work related problems due to health in 1980
hlthl1981	byte	%8.0g	intensity of work related problems due to health in 1981
hlthl1982	byte	%8.0g	intensity of work related problems due to health in 1982
hlthl1983	byte	%8.0g	intensity of work related problems due to health in 1983
hlthl1984	byte	%8.0g	intensity of work related problems due to health in 1984
hlthl1985	byte	%8.0g	intensity of work related problems due to health in 1985
hlthl1986	byte	%8.0g	intensity of work related problems due to health in 1986
hlthl1987	byte	%8.0g	intensity of work related problems due to health in 1987
hlthl1988	byte	%8.0g	intensity of work related problems due to health in 1988
hlthl1989	byte	%8.0g	intensity of work related problems due to health in 1989
hlthl1990	byte	%8.0g	intensity of work related problems due to health in 1990
hlthl1991	byte	%8.0g	intensity of work related problems due to health in 1991
hlthl1992	byte	%8.0g	intensity of work related problems due to health in 1992
hlthl1993	byte	%8.0g	intensity of work related problems due to health in 1993
hlthl1994	byte	%8.0g	intensity of work related problems due to health in 1994
hlthl1995	byte	%8.0g	intensity of work related problems due to health in 1995
hlthl1996	byte	%8.0g	intensity of work related problems due to health in 1996

hlthl1997	byte	%8.0g	intensity of work related problems due to health in 1997
hlthl1998	byte	%8.0g	intensity of work related problems due to health in 1998
hlthl1999	byte	%8.0g	intensity of work related problems due to health in 1999
hlthl2000	byte	%8.0g	intensity of work related problems due to health in 2000
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hlthl2005	byte	%8.0g	intensity of work related problems due to health in 2005
hlthl2006	byte	%8.0g	intensity of work related problems due to health in 2006
hlthl2007	byte	%8.0g	intensity of work related problems due to health in 2007
hlthl2008	byte	%8.0g	intensity of work related problems due to health in 2008
hlthl2009	byte	%8.0g	intensity of work related problems due to health in 2009
hlthl2010	byte	%8.0g	intensity of work related problems due to health in 2010
homel1980	byte	%8.0g	* intensity of home related problems due to health in 1980
homel1981	byte	%8.0g	intensity of home related problems due to health in 1981
homel1982	byte	%8.0g	intensity of home related problems due to health in 1982
homel1983	byte	%8.0g	intensity of home related problems due to health in 1983
homel1984	byte	%8.0g	intensity of home related problems due to health in 1984
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homel1989	byte	%8.0g	intensity of home related problems due to health in 1989
homel1990	byte	%8.0g	intensity of home related

homel1991	byte	%8.0g	problems due to health in 1990 intensity of home related
homel1992	byte	%8.0g	problems due to health in 1991 intensity of home related
homel1993	byte	%8.0g	problems due to health in 1992 intensity of home related
homel1994	byte	%8.0g	problems due to health in 1993 intensity of home related
homel1995	byte	%8.0g	problems due to health in 1994 intensity of home related
homel1996	byte	%8.0g	problems due to health in 1995 intensity of home related
homel1997	byte	%8.0g	problems due to health in 1996 intensity of home related
homel1998	byte	%8.0g	problems due to health in 1997 intensity of home related
homel1999	byte	%8.0g	problems due to health in 1998 intensity of home related
homel2000	byte	%8.0g	problems due to health in 1999 intensity of home related
homel2001	byte	%8.0g	problems due to health in 2000 intensity of home related
homel2002	byte	%8.0g	problems due to health in 2001 intensity of home related
homel2003	byte	%8.0g	problems due to health in 2002 intensity of home related
homel2004	byte	%8.0g	problems due to health in 2003 intensity of home related
homel2005	byte	%8.0g	problems due to health in 2004 intensity of home related
homel2006	byte	%8.0g	problems due to health in 2005 intensity of home related
homel2007	byte	%8.0g	problems due to health in 2006 intensity of home related
homel2008	byte	%8.0g	problems due to health in 2007 intensity of home related
homel2009	byte	%8.0g	problems due to health in 2008 intensity of home related
homel2010	byte	%8.0g	problems due to health in 2009 intensity of home related
solil1980	byte	%8.0g	problems due to health in 2010 intensity of social life related
solil1981	byte	%8.0g	problems due to health in 1980 intensity of social life related
solil1982	byte	%8.0g	problems due to health in 1981 intensity of social life related
solil1983	byte	%8.0g	problems due to health in 1982 intensity of social life related
			problems due to health in 1983

solil1984	byte	%8.0g	intensity of social life related problems due to health in 1984
solil1985	byte	%8.0g	intensity of social life related problems due to health in 1985
solil1986	byte	%8.0g	intensity of social life related problems due to health in 1986
solil1987	byte	%8.0g	intensity of social life related problems due to health in 1987
solil1988	byte	%8.0g	intensity of social life related problems due to health in 1988
solil1989	byte	%8.0g	intensity of social life related problems due to health in 1989
solil1990	byte	%8.0g	intensity of social life related problems due to health in 1990
solil1991	byte	%8.0g	intensity of social life related problems due to health in 1991
solil1992	byte	%8.0g	intensity of social life related problems due to health in 1992
solil1993	byte	%8.0g	intensity of social life related problems due to health in 1993
solil1994	byte	%8.0g	intensity of social life related problems due to health in 1994
solil1995	byte	%8.0g	intensity of social life related problems due to health in 1995
solil1996	byte	%8.0g	intensity of social life related problems due to health in 1996
solil1997	byte	%8.0g	intensity of social life related problems due to health in 1997
solil1998	byte	%8.0g	intensity of social life related problems due to health in 1998
solil1999	byte	%8.0g	intensity of social life related problems due to health in 1999
solil2000	byte	%8.0g	intensity of social life related problems due to health in 2000
solil2001	byte	%8.0g	intensity of social life related problems due to health in 2001
solil2002	byte	%8.0g	intensity of social life related problems due to health in 2002
solil2003	byte	%8.0g	intensity of social life related problems due to health in 2003
solil2004	byte	%8.0g	intensity of social life related problems due to health in 2004
solil2005	byte	%8.0g	intensity of social life related problems due to health in 2005
solil2006	byte	%8.0g	intensity of social life related problems due to health in 2006
solil2007	byte	%8.0g	intensity of social life related problems due to health in 2007
solil2008	byte	%8.0g	intensity of social life related

solil2009	byte	%8.0g	problems due to health in 2008 intensity of social life related
solil2010	byte	%8.0g	problems due to health in 2009 intensity of social life related
holil1980	byte	%8.0g	problems due to health in 2010 intensity of home life related
holil1981	byte	%8.0g	problems due to health in 1980 intensity of home life related
holil1982	byte	%8.0g	problems due to health in 1981 intensity of home life related
holil1983	byte	%8.0g	problems due to health in 1982 intensity of home life related
holil1984	byte	%8.0g	problems due to health in 1983 intensity of home life related
holil1985	byte	%8.0g	problems due to health in 1984 intensity of home life related
holil1986	byte	%8.0g	problems due to health in 1985 intensity of home life related
holil1987	byte	%8.0g	problems due to health in 1986 intensity of home life related
holil1988	byte	%8.0g	problems due to health in 1987 intensity of home life related
holil1989	byte	%8.0g	problems due to health in 1988 intensity of home life related
holil1990	byte	%8.0g	problems due to health in 1989 intensity of home life related
holil1991	byte	%8.0g	problems due to health in 1990 intensity of home life related
holil1992	byte	%8.0g	problems due to health in 1991 intensity of home life related
holil1993	byte	%8.0g	problems due to health in 1992 intensity of home life related
holil1994	byte	%8.0g	problems due to health in 1993 intensity of home life related
holil1995	byte	%8.0g	problems due to health in 1994 intensity of home life related
holil1996	byte	%8.0g	problems due to health in 1995 intensity of home life related
holil1997	byte	%8.0g	problems due to health in 1996 intensity of home life related
holil1998	byte	%8.0g	problems due to health in 1997 intensity of home life related
holil1999	byte	%8.0g	problems due to health in 1998 intensity of home life related
holil2000	byte	%8.0g	problems due to health in 1999 intensity of home life related
holil2001	byte	%8.0g	problems due to health in 2000 intensity of home life related
			problems due to health in 2001

holil2002	byte	%8.0g	intensity of home life related problems due to health in 2002
holil2003	byte	%8.0g	intensity of home life related problems due to health in 2003
holil2004	byte	%8.0g	intensity of home life related problems due to health in 2004
holil2005	byte	%8.0g	intensity of home life related problems due to health in 2005
holil2006	byte	%8.0g	intensity of home life related problems due to health in 2006
holil2007	byte	%8.0g	intensity of home life related problems due to health in 2007
holil2008	byte	%8.0g	intensity of home life related problems due to health in 2008
holil2009	byte	%8.0g	intensity of home life related problems due to health in 2009
holil2010	byte	%8.0g	intensity of home life related problems due to health in 2010
sexl11980	byte	%8.0g	intensity of home life related problems due to health in 1980
sexl11981	byte	%8.0g	intensity of home life related problems due to health in 1981
sexl11982	byte	%8.0g	intensity of home life related problems due to health in 1982
sexl11983	byte	%8.0g	intensity of home life related problems due to health in 1983
sexl11984	byte	%8.0g	intensity of home life related problems due to health in 1984
sexl11985	byte	%8.0g	intensity of home life related problems due to health in 1985
sexl11986	byte	%8.0g	intensity of home life related problems due to health in 1986
sexl11987	byte	%8.0g	intensity of home life related problems due to health in 1987
sexl11988	byte	%8.0g	intensity of home life related problems due to health in 1988
sexl11989	byte	%8.0g	intensity of home life related problems due to health in 1989
sexl11990	byte	%8.0g	intensity of home life related problems due to health in 1990
sexl11991	byte	%8.0g	intensity of home life related problems due to health in 1991
sexl11992	byte	%8.0g	intensity of home life related problems due to health in 1992
sexl11993	byte	%8.0g	intensity of home life related problems due to health in 1993
sexl11994	byte	%8.0g	intensity of home life related problems due to health in 1994
sexl11995	byte	%8.0g	intensity of home life related

sexl11996	byte	%8.0g	problems due to health in 1995 intensity of home life related problems due to health in 1996
sexl11997	byte	%8.0g	intensity of home life related problems due to health in 1997
sexl11998	byte	%8.0g	intensity of home life related problems due to health in 1998
sexl11999	byte	%8.0g	intensity of home life related problems due to health in 1999
sexl12000	byte	%8.0g	intensity of home life related problems due to health in 2000
sexl12001	byte	%8.0g	intensity of home life related problems due to health in 2001
sexl12002	byte	%8.0g	intensity of home life related problems due to health in 2002
sexl12003	byte	%8.0g	intensity of home life related problems due to health in 2003
sexl12004	byte	%8.0g	intensity of home life related problems due to health in 2004
sexl12005	byte	%8.0g	intensity of home life related problems due to health in 2005
sexl12006	byte	%8.0g	intensity of home life related problems due to health in 2006
sexl12007	byte	%8.0g	intensity of home life related problems due to health in 2007
sexl12008	byte	%8.0g	intensity of home life related problems due to health in 2008
sexl12009	byte	%8.0g	intensity of home life related problems due to health in 2009
sexl12010	byte	%8.0g	intensity of home life related problems due to health in 2010
inhol1980	byte	%8.0g	intensity of interest and hobbies related problems due to health in 1980
inhol1981	byte	%8.0g	intensity of interest and hobbies related problems due to health in 1981
inhol1982	byte	%8.0g	intensity of interest and hobbies related problems due to health in 1982
inhol1983	byte	%8.0g	intensity of interest and hobbies related problems due to health in 1983
inhol1984	byte	%8.0g	intensity of interest and hobbies related problems due to health in 1984
inhol1985	byte	%8.0g	intensity of interest and hobbies related problems due to health in 1985

inhol1986	byte	%8.0g	intensity of interest and hobbies related problems due to health in 1986
inhol1987	byte	%8.0g	intensity of interest and hobbies related problems due to health in 1987
inhol1988	byte	%8.0g	intensity of interest and hobbies related problems due to health in 1988
inhol1989	byte	%8.0g	intensity of interest and hobbies related problems due to health in 1989
inhol1990	byte	%8.0g	intensity of interest and hobbies related problems due to health in 1990
inhol1991	byte	%8.0g	intensity of interest and hobbies related problems due to health in 1991
inhol1992	byte	%8.0g	intensity of interest and hobbies related problems due to health in 1992
inhol1993	byte	%8.0g	intensity of interest and hobbies related problems due to health in 1993
inhol1994	byte	%8.0g	intensity of interest and hobbies related problems due to health in 1994
inhol1995	byte	%8.0g	intensity of interest and hobbies related problems due to health in 1995
inhol1996	byte	%8.0g	intensity of interest and hobbies related problems due to health in 1996
inhol1997	byte	%8.0g	intensity of interest and hobbies related problems due to health in 1997
inhol1998	byte	%8.0g	intensity of interest and hobbies related problems due to health in 1998
inhol1999	byte	%8.0g	intensity of interest and hobbies related problems due to health in 1999
inhol2000	byte	%8.0g	intensity of interest and hobbies related problems due to health in 2000
inhol2001	byte	%8.0g	intensity of interest and hobbies related problems due to health in 2001
inhol2002	byte	%8.0g	intensity of interest and

			hobbies related problems due to health in 2002
inhol2003	byte	%8.0g	intensity of interest and hobbies related problems due to health in 2003
inhol2004	byte	%8.0g	intensity of interest and hobbies related problems due to health in 2004
inhol2005	byte	%8.0g	intensity of interest and hobbies related problems due to health in 2005
inhol2006	byte	%8.0g	intensity of interest and hobbies related problems due to health in 2006
inhol2007	byte	%8.0g	intensity of interest and hobbies related problems due to health in 2007
inhol2008	byte	%8.0g	intensity of interest and hobbies related problems due to health in 2008
inhol2009	byte	%8.0g	intensity of interest and hobbies related problems due to health in 2009
inhol2010	byte	%8.0g	intensity of interest and hobbies related problems due to health in 2010
wendl1980	byte	%8.0g	intensity of holidays - weekends related problems due to health in 1980
wendl1981	byte	%8.0g	intensity of holidays - weekends related problems due to health in 1981
wendl1982	byte	%8.0g	intensity of holidays - weekends related problems due to health in 1982
wendl1983	byte	%8.0g	intensity of holidays - weekends related problems due to health in 1983
wendl1984	byte	%8.0g	intensity of holidays - weekends related problems due to health in 1984
wendl1985	byte	%8.0g	intensity of holidays - weekends related problems due to health in 1985
wendl1986	byte	%8.0g	intensity of holidays - weekends related problems due to health in 1986
wendl1987	byte	%8.0g	intensity of holidays - weekends related problems due to health

			in 1987
wendl1988	byte	%8.0g	intensity of holidays - weekends related problems due to health in 1988
wendl1989	byte	%8.0g	intensity of holidays - weekends related problems due to health in 1989
wendl1990	byte	%8.0g	intensity of holidays - weekends related problems due to health in 1990
wendl1991	byte	%8.0g	intensity of holidays - weekends related problems due to health in 1991
wendl1992	byte	%8.0g	intensity of holidays - weekends related problems due to health in 1992
wendl1993	byte	%8.0g	intensity of holidays - weekends related problems due to health in 1993
wendl1994	byte	%8.0g	intensity of holidays - weekends related problems due to health in 1994
wendl1995	byte	%8.0g	intensity of holidays - weekends related problems due to health in 1995
wendl1996	byte	%8.0g	intensity of holidays - weekends related problems due to health in 1996
wendl1997	byte	%8.0g	intensity of holidays - weekends related problems due to health in 1997
wendl1998	byte	%8.0g	intensity of holidays - weekends related problems due to health in 1998
wendl1999	byte	%8.0g	intensity of holidays - weekends related problems due to health in 1999
wendl2000	byte	%8.0g	intensity of holidays - weekends related problems due to health in 2000
wendl2001	byte	%8.0g	intensity of holidays - weekends related problems due to health in 2001
wendl2002	byte	%8.0g	intensity of holidays - weekends related problems due to health in 2002
wendl2003	byte	%8.0g	intensity of holidays - weekends related problems due to health in 2003

wendl2004	byte	%8.0g	intensity of holidays - weekends related problems due to health in 2004
wendl2005	byte	%8.0g	intensity of holidays - weekends related problems due to health in 2005
wendl2006	byte	%8.0g	intensity of holidays - weekends related problems due to health in 2006
wendl2007	byte	%8.0g	intensity of holidays - weekends related problems due to health in 2007
wendl2008	byte	%8.0g	intensity of holidays - weekends related problems due to health in 2008
wendl2009	byte	%8.0g	intensity of holidays - weekends related problems due to health in 2009
wendl2010	byte	%8.0g	intensity of holidays - weekends related problems due to health in 2010
smoke11980	int	%8.0g	number of cigarettes smoked per week in 1980
smoke11981	int	%8.0g	number of cigarettes smoked per week in 1981
smoke11982	int	%8.0g	number of cigarettes smoked per week in 1982
smoke11983	int	%8.0g	number of cigarettes smoked per week in 1983
smoke11984	int	%8.0g	number of cigarettes smoked per week in 1984
smoke11985	int	%8.0g	number of cigarettes smoked per week in 1985
smoke11986	int	%8.0g	number of cigarettes smoked per week in 1986
smoke11987	int	%8.0g	number of cigarettes smoked per week in 1987
smoke11988	int	%8.0g	number of cigarettes smoked per week in 1988
smoke11989	int	%8.0g	number of cigarettes smoked per week in 1989
smoke11990	int	%8.0g	number of cigarettes smoked per week in 1990
smoke11991	int	%8.0g	number of cigarettes smoked per week in 1991
smoke11992	int	%8.0g	number of cigarettes smoked per week in 1992
smoke11993	int	%8.0g	number of cigarettes smoked per week in 1993

smoke11994	int	%8.0g	number of cigarettes smoked per week in 1994
smoke11995	int	%8.0g	number of cigarettes smoked per week in 1995
smoke11996	int	%8.0g	number of cigarettes smoked per week in 1996
smoke11997	int	%8.0g	number of cigarettes smoked per week in 1997
smoke11998	int	%8.0g	number of cigarettes smoked per week in 1998
smoke11999	int	%8.0g	number of cigarettes smoked per week in 1999
smoke12000	int	%8.0g	number of cigarettes smoked per week in 2000
smoke12001	int	%8.0g	number of cigarettes smoked per week in 2001
smoke12002	int	%8.0g	number of cigarettes smoked per week in 2002
smoke12003	int	%8.0g	number of cigarettes smoked per week in 2003
smoke12004	int	%8.0g	number of cigarettes smoked per week in 2004
smoke12005	int	%8.0g	number of cigarettes smoked per week in 2005
smoke12006	int	%8.0g	number of cigarettes smoked per week in 2006
smoke12007	int	%8.0g	number of cigarettes smoked per week in 2007
smoke12008	int	%8.0g	number of cigarettes smoked per week in 2008
smoke12009	int	%8.0g	number of cigarettes smoked per week in 2009
smoke12010	int	%8.0g	number of cigarettes smoked per week in 2010
drin11980	byte	%8.0g	number of beer of wine consumed per week in 1980
drin11981	byte	%8.0g	number of beer of wine consumed per week in 1981
drin11982	byte	%8.0g	number of beer of wine consumed per week in 1982
drin11983	byte	%8.0g	number of beer of wine consumed per week in 1983
drin11984	byte	%8.0g	number of beer of wine consumed per week in 1984
drin11985	byte	%8.0g	number of beer of wine consumed per week in 1985
drin11986	byte	%8.0g	number of beer of wine consumed per week in 1986
drin11987	byte	%8.0g	number of beer of wine consumed

drinl1988	byte	%8.0g	per week in 1987 number of beer of wine consumed per week in 1988
drinl1989	byte	%8.0g	number of beer of wine consumed per week in 1989
drinl1990	byte	%8.0g	number of beer of wine consumed per week in 1990
drinl1991	byte	%8.0g	number of beer of wine consumed per week in 1991
drinl1992	byte	%8.0g	number of beer of wine consumed per week in 1992
drinl1993	byte	%8.0g	number of beer of wine consumed per week in 1993
drinl1994	byte	%8.0g	number of beer of wine consumed per week in 1994
drinl1995	byte	%8.0g	number of beer of wine consumed per week in 1995
drinl1996	byte	%8.0g	number of beer of wine consumed per week in 1996
drinl1997	byte	%8.0g	number of beer of wine consumed per week in 1997
drinl1998	byte	%8.0g	number of beer of wine consumed per week in 1998
drinl1999	byte	%8.0g	number of beer of wine consumed per week in 1999
drinl2000	byte	%8.0g	number of beer of wine consumed per week in 2000
drinl2001	byte	%8.0g	number of beer of wine consumed per week in 2001
drinl2002	byte	%8.0g	number of beer of wine consumed per week in 2002
drinl2003	byte	%8.0g	number of beer of wine consumed per week in 2003
drinl2004	byte	%8.0g	number of beer of wine consumed per week in 2004
drinl2005	byte	%8.0g	number of beer of wine consumed per week in 2005
drinl2006	byte	%8.0g	number of beer of wine consumed per week in 2006
drinl2007	byte	%8.0g	number of beer of wine consumed per week in 2007
drinl2008	byte	%8.0g	number of beer of wine consumed per week in 2008
drinl2009	byte	%8.0g	number of beer of wine consumed per week in 2009
drinl2010	byte	%8.0g	number of beer of wine consumed per week in 2010
vodkaq1980	byte	%8.0g	number of vodaka drinks consumed per week in 1980

vodkaq1981	byte	%8.0g	number of vodaka drinks consumed per week in 1981
vodkaq1982	byte	%8.0g	number of vodaka drinks consumed per week in 1982
vodkaq1983	byte	%8.0g	number of vodaka drinks consumed per week in 1983
vodkaq1984	byte	%8.0g	number of vodaka drinks consumed per week in 1984
vodkaq1985	byte	%8.0g	number of vodaka drinks consumed per week in 1985
vodkaq1986	byte	%8.0g	number of vodaka drinks consumed per week in 1986
vodkaq1987	byte	%8.0g	number of vodaka drinks consumed per week in 1987
vodkaq1988	byte	%8.0g	number of vodaka drinks consumed per week in 1988
vodkaq1989	byte	%8.0g	number of vodaka drinks consumed per week in 1989
vodkaq1990	byte	%8.0g	number of vodaka drinks consumed per week in 1990
vodkaq1991	byte	%8.0g	number of vodaka drinks consumed per week in 1991
vodkaq1992	byte	%8.0g	number of vodaka drinks consumed per week in 1992
vodkaq1993	byte	%8.0g	number of vodaka drinks consumed per week in 1993
vodkaq1994	byte	%8.0g	number of vodaka drinks consumed per week in 1994
vodkaq1995	byte	%8.0g	number of vodaka drinks consumed per week in 1995
vodkaq1996	byte	%8.0g	number of vodaka drinks consumed per week in 1996
vodkaq1997	byte	%8.0g	number of vodaka drinks consumed per week in 1997
vodkaq1998	byte	%8.0g	number of vodaka drinks consumed per week in 1998
vodkaq1999	byte	%8.0g	number of vodaka drinks consumed per week in 1999
vodkaq2000	byte	%8.0g	number of vodaka drinks consumed per week in 2000
vodkaq2001	byte	%8.0g	number of vodaka drinks consumed per week in 2001
vodkaq2002	byte	%8.0g	number of vodaka drinks consumed per week in 2002
vodkaq2003	byte	%8.0g	number of vodaka drinks consumed per week in 2003
vodkaq2004	byte	%8.0g	number of vodaka drinks consumed per week in 2004
vodkaq2005	byte	%8.0g	number of vodaka drinks consumed

vodkaq2006	byte	%8.0g	per week in 2005 number of vodaka drinks consumed per week in 2006
vodkaq2007	byte	%8.0g	number of vodaka drinks consumed per week in 2007
vodkaq2008	byte	%8.0g	number of vodaka drinks consumed per week in 2008
vodkaq2009	byte	%8.0g	number of vodaka drinks consumed per week in 2009
vodkaq2010	byte	%8.0g	number of vodaka drinks consumed per week in 2010
painq1980	byte	%8.0g	number of pain medications per week in 1980
painq1981	byte	%8.0g	number of pain medications per week in 1981
painq1982	byte	%8.0g	number of pain medications per week in 1982
painq1983	byte	%8.0g	number of pain medications per week in 1983
painq1984	byte	%8.0g	number of pain medications per week in 1984
painq1985	byte	%8.0g	number of pain medications per week in 1985
painq1986	byte	%8.0g	number of pain medications per week in 1986
painq1987	byte	%8.0g	number of pain medications per week in 1987
painq1988	byte	%8.0g	number of pain medications per week in 1988
painq1989	byte	%8.0g	number of pain medications per week in 1989
painq1990	byte	%8.0g	number of pain medications per week in 1990
painq1991	byte	%8.0g	number of pain medications per week in 1991
painq1992	byte	%8.0g	number of pain medications per week in 1992
painq1993	byte	%8.0g	number of pain medications per week in 1993
painq1994	byte	%8.0g	number of pain medications per week in 1994
painq1995	byte	%8.0g	number of pain medications per week in 1995
painq1996	byte	%8.0g	number of pain medications per week in 1996
painq1997	byte	%8.0g	number of pain medications per week in 1997
painq1998	byte	%8.0g	number of pain medications per week in 1998

painq1999	byte	%8.0g	number of pain medications per week in 1999
painq2000	byte	%8.0g	number of pain medications per week in 2000
painq2001	byte	%8.0g	number of pain medications per week in 2001
painq2002	byte	%8.0g	number of pain medications per week in 2002
painq2003	byte	%8.0g	number of pain medications per week in 2003
painq2004	byte	%8.0g	number of pain medications per week in 2004
painq2005	byte	%8.0g	number of pain medications per week in 2005
painq2006	byte	%8.0g	number of pain medications per week in 2006
painq2007	byte	%8.0g	number of pain medications per week in 2007
painq2008	byte	%8.0g	number of pain medications per week in 2008
painq2009	byte	%8.0g	number of pain medications per week in 2009
painq2010	byte	%8.0g	number of pain medications per week in 2010
doctn1980	byte	%8.0g	number of doctor visits for any health reasons in 1980
doctn1981	byte	%8.0g	number of doctor visits for any health reasons in 1981
doctn1982	byte	%8.0g	number of doctor visits for any health reasons in 1982
doctn1983	byte	%8.0g	number of doctor visits for any health reasons in 1983
doctn1984	byte	%8.0g	number of doctor visits for any health reasons in 1984
doctn1985	byte	%8.0g	number of doctor visits for any health reasons in 1985
doctn1986	byte	%8.0g	number of doctor visits for any health reasons in 1986
doctn1987	byte	%8.0g	number of doctor visits for any health reasons in 1987
doctn1988	byte	%8.0g	number of doctor visits for any health reasons in 1988
doctn1989	byte	%8.0g	number of doctor visits for any health reasons in 1989
doctn1990	byte	%8.0g	number of doctor visits for any health reasons in 1990
doctn1991	byte	%8.0g	number of doctor visits for any health reasons in 1991
doctn1992	byte	%8.0g	number of doctor visits for any

doctn1993	byte	%8.0g	health reasons in 1992 number of doctor visits for any health reasons in 1993
doctn1994	byte	%8.0g	number of doctor visits for any health reasons in 1994
doctn1995	byte	%8.0g	number of doctor visits for any health reasons in 1995
doctn1996	byte	%8.0g	number of doctor visits for any health reasons in 1996
doctn1997	byte	%8.0g	number of doctor visits for any health reasons in 1997
doctn1998	byte	%8.0g	number of doctor visits for any health reasons in 1998
doctn1999	byte	%8.0g	number of doctor visits for any health reasons in 1999
doctn2000	byte	%8.0g	number of doctor visits for any health reasons in 2000
doctn2001	byte	%8.0g	number of doctor visits for any health reasons in 2001
doctn2002	byte	%8.0g	number of doctor visits for any health reasons in 2002
doctn2003	byte	%8.0g	number of doctor visits for any health reasons in 2003
doctn2004	byte	%8.0g	number of doctor visits for any health reasons in 2004
doctn2005	byte	%8.0g	number of doctor visits for any health reasons in 2005
doctn2006	byte	%8.0g	number of doctor visits for any health reasons in 2006
doctn2007	byte	%8.0g	number of doctor visits for any health reasons in 2007
doctn2008	byte	%8.0g	number of doctor visits for any health reasons in 2008
doctn2009	byte	%8.0g	number of doctor visits for any health reasons in 2009
doctn2010	byte	%8.0g	number of doctor visits for any health reasons in 2010
famp111980	byte	%8.0g	percent of influence that radiation had on family planning in 1980
famp111981	byte	%8.0g	percent of influence that radiation had on family planning in 1981
famp111982	byte	%8.0g	percent of influence that radiation had on family planning in 1982
famp111983	byte	%8.0g	percent of influence that radiation had on family planning in 1983

famp111984	byte	%8.0g	percent of influence that radiation had on family planning in 1984
famp111985	byte	%8.0g	percent of influence that radiation had on family planning in 1985
famp111986	byte	%8.0g	percent of influence that radiation had on family planning in 1986
famp111987	byte	%8.0g	percent of influence that radiation had on family planning in 1987
famp111988	byte	%8.0g	percent of influence that radiation had on family planning in 1988
famp111989	byte	%8.0g	percent of influence that radiation had on family planning in 1989
famp111990	byte	%8.0g	percent of influence that radiation had on family planning in 1990
famp111991	byte	%8.0g	percent of influence that radiation had on family planning in 1991
famp111992	byte	%8.0g	percent of influence that radiation had on family planning in 1992
famp111993	byte	%8.0g	percent of influence that radiation had on family planning in 1993
famp111994	byte	%8.0g	percent of influence that radiation had on family planning in 1994
famp111995	byte	%8.0g	percent of influence that radiation had on family planning in 1995
famp111996	byte	%8.0g	percent of influence that radiation had on family planning in 1996
famp111997	byte	%8.0g	percent of influence that radiation had on family planning in 1997
famp111998	byte	%8.0g	percent of influence that radiation had on family planning in 1998
famp111999	byte	%8.0g	percent of influence that radiation had on family planning in 1999
famp112000	byte	%8.0g	percent of influence that

			radiation had on family planning in 2000
famp112001	byte	%8.0g	percent of influence that radiation had on family planning in 2001
famp112002	byte	%8.0g	percent of influence that radiation had on family planning in 2002
famp112003	byte	%8.0g	percent of influence that radiation had on family planning in 2003
famp112004	byte	%8.0g	percent of influence that radiation had on family planning in 2004
famp112005	byte	%8.0g	percent of influence that radiation had on family planning in 2005
famp112006	byte	%8.0g	percent of influence that radiation had on family planning in 2006
famp112007	byte	%8.0g	percent of influence that radiation had on family planning in 2007
famp112008	byte	%8.0g	percent of influence that radiation had on family planning in 2008
famp112009	byte	%8.0g	percent of influence that radiation had on family planning in 2009
famp112010	byte	%8.0g	percent of influence that radiation had on family planning in 2010
sett1r1	str23	%23s	* town of residence 1 time: april 26 - june 30 1986
sett1r2	str32	%32s	* town of residence 2 time: april 26 - june 30 1986
sett1r3	str32	%32s	* town of residence 3 time: april 26 - june 30 1986
sett1r4	str32	%32s	* town of residence 4 time: april 26 - june 30 1986
rait1r1	str23	%23s	* raion of residence 1 time: april 26 - june 30 1986
rait1r2	str32	%32s	* raion of residence 2 time: april 26 - june 30 1986
rait1r3	str32	%32s	* raion of residence 3 time: april 26 - june 30 1986
rait1r4	str32	%32s	* raion of residence 4 time: april 26 - june 30 1986
latdt1r1	byte	%10.0g	* latitude in degrees residence 1

latdt1r2	byte	%10.0g		time 1 april 26-june 30 1986 * latitude in degrees residence 2
latdt1r3	byte	%10.0g		time 1 april 26-june 30 1986 * latitude in degrees residence 3
latdt1r4	byte	%10.0g		time 1 april 26-june 30 1986 * latitude in degrees residence 4
londt1r1	int	%10.0g		time 1 april 26-june 30 1986 * longitude in degrees residence 1
londt1r2	int	%10.0g		time 1 april 26-june 30 1986 * longitude in degrees residence 2
londt1r3	byte	%10.0g		time 1 april 26-june 30 1986 * longitude in degrees residence 3
londt1r4	byte	%10.0g		time 1 april 26-june 30 1986 * longitude in degrees residence 4
latmt1r1	byte	%10.0g		time 1 april 26-june 30 1986 * latitude in minutes residence 1
latmt1r2	int	%10.0g		time 1 april 26-june 30 1986 * latitude in minutes residence 2
latmt1r3	byte	%10.0g		time 1 april 26-june 30 1986 * latitude in minutes residence 3
latmt1r4	byte	%10.0g		time 1 april 26-june 30 1986 * latitude in minutes residence 4
lonmt1r1	byte	%10.0g		time 1 april 26-june 30 1986 * longitude in minutes residence 1
lonmt1r2	int	%10.0g		time 1 april 26-june 30 1986 * longitude in minutes residence 2
lonmt1r3	byte	%10.0g		time 1 april 26-june 30 1986 * longitude in minutes residence 3
lonmt1r4	byte	%10.0g		time 1 april 26-june 30 1986 * longitude in minutes residence 4
dayt1r1	int	%10.0g		time 1 april 26-june 30 1986 * days in residence 1 time 1 april
dayt1r2	byte	%10.0g		26-june 30 1986 * days in residence 2 time 1 april
dayt1r3	byte	%10.0g		26-june 30 1986 * days in residence 3 time 1 april
dayt1r4	byte	%10.0g		26-june 30 1986 * days in residence 4 time 1 april
obl1r1	byte	%31.0g	LABG	26-june 30 1986 * oblast of residence 1 time 1
obl1r2	byte	%31.0g	LABG	april 26-june 30 1986 * oblast of residence 2 time 1
obl1r3	byte	%31.0g	LABG	april 26-june 30 1986 * oblast of residence 3 time 1
obl1r4	byte	%31.0g	LABG	april 26-june 30 1986 * oblast of residence 4 time 1
latt1r1	byte	%15.0g	LABF	april 26-june 30 1986 * latitude direction residence 1
				time 1 april 26-june 30 1986

latt1r2	byte	%15.0g	LABF	* latitude direction residence 2 time 1 april 26-june 30 1986
latt1r3	byte	%15.0g	LABF	* latitude direction residence 3 time 1 april 26-june 30 1986
latt1r4	byte	%15.0g	LABF	* latitude direction residence 4 time 1 april 26-june 30 1986
lont1r1	byte	%10.0g	lon	* longitude direction residence 1 time 1 april 26-june 30 1986
lont1r2	byte	%10.0g	lon	* longitude direction residence 2 time 1 april 26-june 30 1986
lont1r3	byte	%10.0g	lon	* longitude direction residence 3 time 1 april 26-june 30 1986
lont1r4	byte	%10.0g	lon	* longitude direction residence 4 time 1 april 26-june 30 1986
typet1r1	byte	%23.0g	LABL	* type of residence 1 time 1 april 26-june 30 1986
typet1r2	byte	%23.0g	LABL	* type of residence 2 time 1 april 26-june 30 1986
typet1r3	byte	%23.0g	LABL	* type of residence 3 time 1 april 26-june 30 1986
typet1r4	byte	%23.0g	LABL	* type of residence 4 time 1 april 26-june 30 1986
occt1r1	byte	%22.0g	LABM	* occupation while in residence 1 time 1 april 26-june 30 1986
occt1r2	byte	%22.0g	LABM	* occupation while in residence 2 time 1 april 26-june 30 1986
occt1r3	byte	%22.0g	LABM	* occupation while in residence 3 time 1 april 26-june 30 1986
occt1r4	byte	%22.0g	LABM	* occupation while in residence 1 time 1 april 26-june 30 1986
ldrt1r1	byte	%15.0g	LABC	* did you consume liquid dairy products while in residence 1 time 1
ldrt1r2	byte	%15.0g	LABC	* did you consume liquid dairy products while in residence 2 time 1
ldrt1r3	byte	%15.0g	LABC	* did you consume liquid dairy products while in residence 3 time 1
ldrt1r4	byte	%15.0g	LABC	* did you consume liquid dairy products while in residence 4 time 1
sldrt1r1	byte	%20.0g	LABN	* source of liquid dairy products while in residence 1 time 1
sldrt1r2	byte	%20.0g	LABN	* source of liquid dairy products while in residence 2 time 1
sldrt1r3	byte	%20.0g	LABN	* source of liquid dairy products while in residence 3 time 1
sldrt1r4	byte	%20.0g	LABN	* source of liquid dairy products

mlldt1r1	long	%8.0g		while in residence 4 time 1 * quantity of liquid dairy products (in ml) while in residence 1 time 1
mlldt1r2	int	%8.0g		* quantity of liquid dairy products (in ml) while in residence 2 time 1
mlldt1r3	int	%8.0g		* quantity of liquid dairy products (in ml) while in residence 3 time 1
mlldt1r4	int	%8.0g		* quantity of liquid dairy products (in ml) while in residence 4 time 1
sdr1r1	byte	%15.0g	LABC	* did you consume solid dairy products while in residence 1 time 1
sdr1r2	byte	%15.0g	LABC	* did you consume solid dairy products while in residence 2 time 1
sdr1r3	byte	%15.0g	LABC	* did you consume solid dairy products while in residence 3 time 1
sdr1r4	byte	%15.0g	LABC	* did you consume solid dairy products while in residence 4 time 1
ssdr1r1	byte	%20.0g	LABN	* source of solid dairy products in residence 1 time 1
ssdr1r2	byte	%20.0g	LABN	* source of solid dairy products in residence 2 time 1
ssdr1r3	byte	%20.0g	LABN	* source of solid dairy products in residence 3 time 1
ssdr1r4	byte	%20.0g	LABN	* source of solid dairy products in residence 4 time 1
gldt1r1	long	%8.0g		* quantity of solid dairy products (in grams) while in residence 1 time 1
gldt1r2	long	%8.0g		* quantity of solid dairy products (in grams) while in residence 2 time 1
gldt1r3	int	%8.0g		* quantity of solid dairy products (in grams) while in residence 3 time 1
gldt1r4	int	%8.0g		* quantity of solid dairy products (in grams) while in residence 4 time 1
lvt1r1	byte	%15.0g	LABC	* did you consume leafy vegetables while in residence 1 time 1
lvt1r2	byte	%15.0g	LABC	* did you consume leafy vegetables while in residence 2 time 1

lvt1r3	byte	%15.0g	LABC	* did you consume leafy vegetables while in residence 3 time 1
lvt1r4	byte	%15.0g	LABC	* did you consume leafy vegetables while in residence 4 time 1
slvt1r1	byte	%20.0g	LABN	* source of leafy vegetables while in residence 1 time 1
slvt1r2	byte	%20.0g	LABN	* source of leafy vegetables while in residence 2 time 1
slvt1r3	byte	%20.0g	LABN	* source of leafy vegetables while in residence 3 time 1
slvt1r4	byte	%20.0g	LABN	* source of leafy vegetables while in residence 4 time 1
glvt1r1	int	%8.0g		* quantity of leafy vegetables (in grams) while in residence 1 time 1
glvt1r2	int	%8.0g		* quantity of leafy vegetables (in grams) while in residence 2 time 1
glvt1r3	int	%8.0g		* quantity of leafy vegetables (in grams) while in residence 3 time 1
glvt1r4	int	%8.0g		* quantity of leafy vegetables (in grams) while in residence 4 time 1
sett2r1	str23	%23s		* town of residence 1 time2: july 1- december 31 1986
sett2r2	str32	%32s		* town of residence 2 time2: july 1- december 31 1986
sett2r3	str32	%32s		* town of residence 3 time2: july 1- december 31 1986
sett2r4	str32	%32s		* town of residence 4 time2: july 1- december 31 1986
rait2r1	str23	%23s		* raion of residence 1 time2: july 1- december 31 1986
rait2r2	str32	%32s		* raion of residence 2 time2: july 1- december 31 1986
rait2r3	str32	%32s		* raion of residence 3 time2: july 1- december 31 1986
rait2r4	str32	%32s		* raion of residence 4 time2: july 1- december 31 1986
latdt2r1	byte	%8.0g		* latitude in degrees residence 1 time 2: july 1-december 31 1986
latdt2r2	byte	%8.0g		* latitude in degrees residence 2 time 2: july 1-december 31 1986
latdt2r3	byte	%8.0g		* latitude in degrees residence 3 time 2: july 1-december 31 1986

latdt2r4	byte	%8.0g		* latitude in degrees residence 4 time 2: july 1-december 31 1986
londt2r1	byte	%8.0g		* longitude in degrees residence 1 time 2: july 1-december 31 1986
londt2r2	byte	%8.0g		* longitude in degrees residence 2 time 2: july 1-december 31 1986
londt2r3	byte	%8.0g		* longitude in degrees residence 3 time 2: july 1-december 31 1986
londt2r4	byte	%8.0g		* longitude in degrees residence 4 time 2: july 1-december 31 1986
latmt2r1	byte	%8.0g		* latitude in minutes residence 1 time 2: july 1-december 31 1986
latmt2r2	byte	%8.0g		* latitude in minutes residence 2 time 2: july 1-december 31 1986
latmt2r3	byte	%8.0g		* latitude in minutes residence 3 time 2: july 1-december 31 1986
latmt2r4	byte	%8.0g		* latitude in minutes residence 4 time 2: july 1-december 31 1986
lonmt2r1	byte	%8.0g		* longitude in minutes residence 1 time 2: july 1-december 31 1986
lonmt2r2	byte	%8.0g		* longitude in minutes residence 2 time 2: july 1-december 31 1986
lonmt2r3	byte	%8.0g		* longitude in minutes residence 3 time 2: july 1-december 31 1986
lonmt2r4	byte	%8.0g		* longitude in minutes residence 4 time 2: july 1-december 31 1986
dayt2r1	int	%10.0g		* days in residence 1 time 2: from july 1 -december 31 1986
dayt2r2	int	%10.0g		* days in residence 2 time 2: from july 1 -december 31 1986
dayt2r3	int	%10.0g		* days in residence 3 time 2: from july 1 -december 31 1986
dayt2r4	int	%10.0g		* days in residence 4 time 2: from july 1 -december 31 1986
oblt2r1	byte	%31.0g	LABG	* oblast of residence 1 time 2: july 1-december 31 1986

obl1t2r2	byte	%31.0g	LABG	* oblast of residence 2 time 2: july 1-december 31 1986
obl1t2r3	byte	%31.0g	LABG	* oblast of residence 3 time 2: july 1-december 31 1986
obl1t2r4	byte	%31.0g	LABG	* oblast of residence 4 time 2: july 1-december 31 1986
latt2r1	byte	%15.0g	LABF	* latitude direction of residence 1 time 2: july 1-december 31 1986
latt2r2	byte	%15.0g	LABF	* latitude direction of residence 2 time 2: july 1-december 31 1986
latt2r3	byte	%15.0g	LABF	* latitude direction of residence 3 time 2: july 1-december 31 1986
latt2r4	byte	%15.0g	LABF	* latitude direction of residence 4 time 2: july 1-december 31 1986
lont2r1	byte	%10.0g	lon	* longitude direction of residence 1 time 2: july 1-december 31 1986
lont2r2	byte	%10.0g	lon	* longitude direction of residence 2 time 2: july 1-december 31 1986
lont2r3	byte	%10.0g	lon	* longitude direction of residence 3 time 2: july 1-december 31 1986
lont2r4	byte	%10.0g	lon	* longitude direction of residence 4 time 2: july 1-december 31 1986
typet2r1	byte	%23.0g	LABL	* type of residence 1 time 2: july 1-december 31 1986
typet2r2	byte	%23.0g	LABL	* type of residence 2 time 2: july 1-december 31 1986
typet2r3	byte	%23.0g	LABL	* type of residence 3 time 2: july 1-december 31 1986
typet2r4	byte	%23.0g	LABL	* type of residence 4 time 2: july 1-december 31 1986
occt2r1	byte	%22.0g	LABM	* occupation when in residence 1 time 2: july 1-december 31 1986
occt2r2	byte	%22.0g	LABM	* occupation when in residence 2 time 2: july 1-december 31 1986
occt2r3	byte	%22.0g	LABM	* occupation when in residence 3 time 2: july 1-december 31 1986
occt2r4	byte	%22.0g	LABM	* occupation when in residence 4 time 2: july 1-december 31

				1986
ldrt2r1	byte	%15.0g	LABC	* did you consume liquid dairy in residence 1 time 2: july 1-december 31 1986
ldrt2r2	byte	%15.0g	LABC	* did you consume liquid dairy in residence 2 time 2: july 1-december 31 1986
ldrt2r3	byte	%15.0g	LABC	* did you consume liquid dairy in residence 3 time 2: july 1-december 31 1986
ldrt2r4	byte	%15.0g	LABC	* did you consume liquid dairy in residence 4 time 2: july 1-december 31 1986
sldrt2r1	byte	%20.0g	LABN	* source of liquid dairy residence 1 time 2: july 1-december 31 1986
sldrt2r2	byte	%20.0g	LABN	* source of liquid dairy residence 2 time 2: july 1-december 31 1986
sldrt2r3	byte	%20.0g	LABN	* source of liquid dairy residence 3 time 2: july 1-december 31 1986
sldrt2r4	byte	%20.0g	LABN	* source of liquid dairy residence 4 time 2: july 1-december 31 1986
mlldt2r1	int	%8.0g		* quantity liquid dairy (in ml) residence 1 time 2: july 1-december 31 1986
mlldt2r2	int	%8.0g		* quantity liquid dairy (in ml) residence 2 time 2: july 1-december 31 1986
mlldt2r3	int	%8.0g		* quantity liquid dairy (in ml) residence 3 time 2: july 1-december 31 1986
mlldt2r4	int	%8.0g		* quantity liquid dairy (in ml) residence 4 time 2: july 1-december 31 1986
sdrt2r1	byte	%15.0g	LABC	* did you consume solid dairy in residence 1 time 2: july 1-december 31 1986
sdrt2r2	byte	%15.0g	LABC	* did you consume solid dairy in residence 2 time 2: july 1-december 31 1986
sdrt2r3	byte	%15.0g	LABC	* did you consume solid dairy in residence 3 time 2: july 1-december 31 1986
sdrt2r4	byte	%15.0g	LABC	* did you consume solid dairy in residence 4 time 2: july 1-december 31 1986

ssdrt2r1	byte	%20.0g	LABN	* source of solid dairy in residence 1 time 2: july 1-december 31 1986
ssdrt2r2	byte	%20.0g	LABN	* source of solid dairy in residence 2 time 2: july 1-december 31 1986
ssdrt2r3	byte	%20.0g	LABN	* source of solid dairy in residence 3 time 2: july 1-december 31 1986
ssdrt2r4	byte	%20.0g	LABN	* source of solid dairy in residence 4 time 2: july 1-december 31 1986
gldt2r1	long	%8.0g		* quantity solid dairy (in grams) residence 1 time 2: july 1-december 31 1986
gldt2r2	long	%8.0g		* quantity solid dairy (in grams) residence 2 time 2: july 1-december 31 1986
gldt2r3	int	%8.0g		* quantity solid dairy (in grams) residence 3 time 2: july 1-december 31 1986
gldt2r4	int	%8.0g		* quantity solid dairy (in grams) residence 4 time 2: july 1-december 31 1986
pott2r1	byte	%15.0g	LABC	did you consume potatoes in residence 1 time 2: july 1-december 31 1986
pott2r2	byte	%15.0g	LABC	did you consume potatoes in residence 2 time 2: july 1-december 31 1986
pott2r3	byte	%15.0g	LABC	did you consume potatoes in residence 3 time 2: july 1-december 31 1986
pott2r4	byte	%15.0g	LABC	did you consume potatoes in residence 4 time 2: july 1-december 31 1986
spott2r1	byte	%20.0g	LABN	source of potatoes in residence 1 time 2: july 1-december 31 1986
spott2r2	byte	%20.0g	LABN	source of potatoes in residence 2 time 2: july 1-december 31 1986
spott2r3	byte	%20.0g	LABN	source of potatoes in residence 3 time 2: july 1-december 31 1986
spott2r4	byte	%20.0g	LABN	source of potatoes in residence 4 time 2: july 1-december 31 1986
gpott2r1	long	%8.0g		* quantity of potatoes (in grams)

				in residence 1 time 2: july 1-december 31 1986
gpott2r2	long	%8.0g		* quantity of potatoes (in grams) in residence 2 time 2: july 1-december 31 1986
gpott2r3	int	%8.0g		* quantity of potatoes (in grams) in residence 3 time 2: july 1-december 31 1986
gpott2r4	int	%8.0g		* quantity of potatoes (in grams) in residence 4 time 2: july 1-december 31 1986
prkt2r1	byte	%15.0g	LABC	did you consume pork in residence 1 time 2: july 1-december 31 1986
prkt2r2	byte	%15.0g	LABC	did you consume pork in residence 2 time 2: july 1-december 31 1986
prkt2r3	byte	%15.0g	LABC	did you consume pork in residence 3 time 2: july 1-december 31 1986
prkt2r4	byte	%15.0g	LABC	did you consume pork in residence 4 time 2: july 1-december 31 1986
sprkt2r1	byte	%20.0g	LABN	source of pork in residence 1 time 2: july 1-december 31 1986
sprkt2r2	byte	%20.0g	LABN	source of pork in residence 2 time 2: july 1-december 31 1986
sprkt2r3	byte	%20.0g	LABN	source of pork in residence 3 time 2: july 1-december 31 1986
sprkt2r4	byte	%20.0g	LABN	source of pork in residence 4 time 2: july 1-december 31 1986
gprkt2r1	int	%8.0g		* quantity of pork (in grams) residence 1 time 2: july 1-december 31 1986
gprkt2r2	int	%8.0g		* quantity of pork (in grams) residence 2 time 2: july 1-december 31 1986
gprkt2r3	int	%8.0g		* quantity of pork (in grams) residence 3 time 2: july 1-december 31 1986
gprkt2r4	int	%8.0g		* quantity of pork (in grams) residence 4 time 2: july 1-december 31 1986
bef2r1	byte	%15.0g	LABC	did you consume beef in residence 1 time 2: july

bef2r2	byte	%15.0g	LABC	1-december 31 1986 did you consume beef in residence 2 time 2: july 1-december 31 1986
bef2r3	byte	%15.0g	LABC	did you consume beef in residence 3 time 2: july 1-december 31 1986
bef2r4	byte	%15.0g	LABC	did you consume beef in residence 4 time 2: july 1-december 31 1986
sbef2r1	byte	%20.0g	LABN	source of beef in residence 1 time 2: july 1-december 31 1986
sbef2r2	byte	%20.0g	LABN	source of beef in residence 2 time 2: july 1-december 31 1986
sbef2r3	byte	%20.0g	LABN	source of beef in residence 3 time 2: july 1-december 31 1986
sbef2r4	byte	%20.0g	LABN	source of beef in residence 4 time 2: july 1-december 31 1986
gbef2r1	int	%8.0g		* quantity of beef (in grams) residence 1 time 2: july 1-december 31 1986
gbef2r2	int	%8.0g		* quantity of beef (in grams) residence 2 time 2: july 1-december 31 1986
gbef2r3	int	%8.0g		* quantity of beef (in grams) residence 3 time 2: july 1-december 31 1986
gbef2r4	int	%8.0g		* quantity of beef (in grams) residence 4 time 2: july 1-december 31 1986
pltt2r1	byte	%15.0g	LABC	did you consume poultry in residence 1 time 2: july 1-december 31 1986
pltt2r2	byte	%15.0g	LABC	did you consume poultry in residence 2 time 2: july 1-december 31 1986
pltt2r3	byte	%15.0g	LABC	did you consume poultry in residence 3 time 2: july 1-december 31 1986
pltt2r4	byte	%15.0g	LABC	did you consume poultry in residence 4 time 2: july 1-december 31 1986
spltt2r1	byte	%20.0g	LABN	source of poultry in residence 1 time 2: july 1-december 31 1986

spltt2r2	byte	%20.0g	LABN	source of poultry in residence 2 time 2: july 1-december 31 1986
spltt2r3	byte	%20.0g	LABN	source of poultry in residence 3 time 2: july 1-december 31 1986
spltt2r4	byte	%20.0g	LABN	source of poultry in residence 4 time 2: july 1-december 31 1986
gpltt2r1	int	%8.0g		* quantity of poultry (in grams) in residence 1 time 2: july 1-december 31 1986
gpltt2r2	int	%8.0g		* quantity of poultry (in grams) in residence 2 time 2: july 1-december 31 1986
gpltt2r3	int	%8.0g		* quantity of poultry (in grams) in residence 3 time 2: july 1-december 31 1986
gpltt2r4	int	%8.0g		* quantity of poultry (in grams) in residence 4 time 2: july 1-december 31 1986
msht2r1	byte	%15.0g	LABC	did you consume mushrooms in residence 1 time 2: july 1-december 31 1986
msht2r2	byte	%15.0g	LABC	did you consume mushrooms in residence 2 time 2: july 1-december 31 1986
msht2r3	byte	%15.0g	LABC	did you consume mushrooms in residence 3 time 2: july 1-december 31 1986
msht2r4	byte	%15.0g	LABC	did you consume mushrooms in residence 4 time 2: july 1-december 31 1986
smsht2r1	byte	%20.0g	LABN	source of mushrooms in residence 1 time 2: july 1-december 31 1986
smsht2r2	byte	%20.0g	LABN	source of mushrooms in residence 2 time 2: july 1-december 31 1986
smsht2r3	byte	%20.0g	LABN	source of mushrooms in residence 3 time 2: july 1-december 31 1986
smsht2r4	byte	%20.0g	LABN	source of mushrooms in residence 4 time 2: july 1-december 31 1986
gmsht2r1	int	%8.0g		* quantity of mushr (in grams) per week residence 1 time 2: july1-december 31
gmsht2r2	int	%8.0g		* quantity of mushr (in grams) per

			week residence 2 time 2: july1-december 31
gmsht2r3	int	%8.0g	* quantity of mushr (in grams) per week residence 3 time 2: july1-december 31
gmsht2r4	byte	%8.0g	* quantity of mushr (in grams) per week residence 4 time 2: july1-december 31
sett3r1	str23	%23s	* town of residence 1 time 3: jan 1987 - dec 1990
sett3r2	str32	%32s	* town of residence 2 time 3: jan 1987 - dec 1990
sett3r3	str32	%32s	* town of residence 3 time 3: jan 1987 - dec 1990
sett3r4	str32	%32s	* town of residence 4 time 3: jan 1987 - dec 1990
rait3r1	str23	%23s	* raion of residence 1 time 3: jan 1987 - dec 1990
rait3r2	str32	%32s	* raion of residence 2 time 3: jan 1987 - dec 1990
rait3r3	str32	%32s	* raion of residence 3 time 3: jan 1987 - dec 1990
rait3r4	str32	%32s	* raion of residence 4 time 3: jan 1987 - dec 1990
latdt3r1	byte	%8.0g	* latitude in degrees residence 1 time 3: jan 1987 - dec 1990
latdt3r2	byte	%8.0g	* latitude in degrees residence 2 time 3: jan 1987 - dec 1990
latdt3r3	byte	%8.0g	* latitude in degrees residence 3 time 3: jan 1987 - dec 1990
latdt3r4	byte	%8.0g	* latitude in degrees residence 4 time 3: jan 1987 - dec 1990
londt3r1	int	%8.0g	* longitude in degrees residence 1 time 3: jan 1987 - dec 1990
londt3r2	int	%8.0g	* longitude in degrees residence 2 time 3: jan 1987 - dec 1990
londt3r3	int	%8.0g	* longitude in degrees residence 3 time 3: jan 1987 - dec 1990
londt3r4	byte	%8.0g	* longitude in degrees residence 4 time 3: jan 1987 - dec 1990
latmt3r1	byte	%8.0g	* latitude in minutes residence 1 time 3: jan 1987 - dec 1990
latmt3r2	byte	%8.0g	* latitude in minutes residence 2 time 3: jan 1987 - dec 1990
latmt3r3	byte	%8.0g	* latitude in minutes residence 3 time 3: jan 1987 - dec 1990
latmt3r4	byte	%8.0g	* latitude in minutes residence 4 time 3: jan 1987 - dec 1990
lonmt3r1	byte	%8.0g	* longitude in minutes residence 1

lonmt3r2	byte	%8.0g		time 3: jan 1987 - dec 1990 * longitude in minutes residence 2
lonmt3r3	byte	%8.0g		time 3: jan 1987 - dec 1990 * longitude in minutes residence 3
lonmt3r4	byte	%8.0g		time 3: jan 1987 - dec 1990 * longitude in minutes residence 4
mntht3r1	byte	%10.0g		time 3: jan 1987 - dec 1990 * how long did you stay in residence 1 time 3: jan 1987 - dec 1990
mntht3r2	byte	%10.0g		* how long did you stay in residence 2 time 3: jan 1987 - dec 1990
mntht3r3	byte	%10.0g		* how long did you stay in residence 3 time 3: jan 1987 - dec 1990
mntht3r4	byte	%10.0g		* how long did you stay in residence 4 time 3: jan 1987 - dec 1990
oblt3r1	byte	%31.0g	LABG	* oblast of residence 1 time 3: jan 1987 - dec 1990
oblt3r2	byte	%31.0g	LABG	* oblast of residence 2 time 3: jan 1987 - dec 1990
oblt3r3	byte	%31.0g	LABG	* oblast of residence 3 time 3: jan 1987 - dec 1990
oblt3r4	byte	%31.0g	LABG	* oblast of residence 4 time 3: jan 1987 - dec 1990
latt3r1	byte	%15.0g	LABF	* latitude direction of residence 1 time 3: jan 1987 - dec 1990
latt3r2	byte	%15.0g	LABF	* latitude direction of residence 2 time 3: jan 1987 - dec 1990
latt3r3	byte	%15.0g	LABF	* latitude direction of residence 3 time 3: jan 1987 - dec 1990
latt3r4	byte	%15.0g	LABF	* latitude direction of residence 4 time 3: jan 1987 - dec 1990
lont3r1	byte	%10.0g	lon	* longitude direction of residence 1 time 3: jan 1987 - dec 1990
lont3r2	byte	%10.0g	lon	* longitude direction of residence 2 time 3: jan 1987 - dec 1990
lont3r3	byte	%10.0g	lon	* longitude direction of residence 3 time 3: jan 1987 - dec 1990
lont3r4	byte	%10.0g	lon	* longitude direction of residence 4 time 3: jan 1987 - dec 1990
typet3r1	byte	%23.0g	LABL	type of residence 1 time 3: jan 1987 - dec 1990
typet3r2	byte	%23.0g	LABL	type of residence 2 time 3: jan 1987 - dec 1990
typet3r3	byte	%23.0g	LABL	type of residence 3 time 3: jan 1987 - dec 1990

typet3r4	byte	%23.0g	LABL	type of residence 4 time 3: jan 1987 - dec 1990
occt3r1	byte	%22.0g	LABO	occupation while in residence 1 time 3: jan 1987 - dec 1990
occt3r2	byte	%22.0g	LABO	occupation while in residence 2 time 3: jan 1987 - dec 1990
occt3r3	byte	%22.0g	LABO	occupation while in residence 3 time 3: jan 1987 - dec 1990
occt3r4	byte	%22.0g	LABO	occupation while in residence 4 time 3: jan 1987 - dec 1990
ldrt3r1	byte	%15.0g	LABC	* did you consume liquid dairy in residence 1 time 3: jan 1987 - dec 1990
ldrt3r2	byte	%15.0g	LABC	* did you consume liquid dairy in residence 2 time 3: jan 1987 - dec 1990
ldrt3r3	byte	%15.0g	LABC	* did you consume liquid dairy in residence 3 time 3: jan 1987 - dec 1990
ldrt3r4	byte	%15.0g	LABC	* did you consume liquid dairy in residence 4 time 3: jan 1987 - dec 1990
sldrt3r1	byte	%20.0g	LABN	* source of liquid dairy in residence 1 time 3: jan 1987 - dec 1990
sldrt3r2	byte	%20.0g	LABN	* source of liquid dairy in residence 2 time 3: jan 1987 - dec 1990
sldrt3r3	byte	%20.0g	LABN	* source of liquid dairy in residence 3 time 3: jan 1987 - dec 1990
sldrt3r4	byte	%20.0g	LABN	* source of liquid dairy in residence 4 time 3: jan 1987 - dec 1990
mlldt3r1	int	%8.0g		* quantity (in ml) of liquid dairy per week residence 1 time 3: jan 1987 - dec90
mlldt3r2	int	%8.0g		* quantity (in ml) of liquid dairy per week residence 2 time 3: jan 1987 - dec90
mlldt3r3	int	%8.0g		* quantity (in ml) of liquid dairy per week residence 3 time 3: jan 1987 - dec90
mlldt3r4	int	%8.0g		* quantity (in ml) of liquid dairy per week residence 4 time 3: jan 1987 - dec90
sdrt3r1	byte	%15.0g	LABC	* did you consume solid dairy in residence 1 time 3: jan 1987 - dec 1990

sdrt3r2	byte	%15.0g	LABC	* did you consume solid dairy in residence 2 time 3: jan 1987 - dec 1990
sdrt3r3	byte	%15.0g	LABC	* did you consume solid dairy in residence 3 time 3: jan 1987 - dec 1990
sdrt3r4	byte	%15.0g	LABC	* did you consume solid dairy in residence 4 time 3: jan 1987 - dec 1990
ssdrt3r1	byte	%20.0g	LABN	* source of solid dairy in residence 1 time 3: jan 1987 - dec 1990
ssdrt3r2	byte	%20.0g	LABN	* source of solid dairy in residence 2 time 3: jan 1987 - dec 1990
ssdrt3r3	byte	%20.0g	LABN	* source of solid dairy in residence 3 time 3: jan 1987 - dec 1990
ssdrt3r4	byte	%20.0g	LABN	* source of solid dairy in residence 4 time 3: jan 1987 - dec 1990
gldt3r1	int	%8.0g		* quantity (in grams) of solid dairy per week res 1 time 3: jan 1987 - dec 1990
gldt3r2	int	%8.0g		* quantity (in grams) of solid dairy per week res 2 time 3: jan 1987 - dec 1990
gldt3r3	int	%8.0g		* quantity (in grams) of solid dairy per week res 3 time 3: jan 1987 - dec 1990
gldt3r4	byte	%8.0g		* quantity (in grams) of solid dairy per week res 4 time 3: jan 1987 - dec 1990
pott3r1	byte	%15.0g	LABC	* did you consume potatoes in residence 1 time 3: jan 1987 - dec 1990
pott3r2	byte	%15.0g	LABC	* did you consume potatoes in residence 2 time 3: jan 1987 - dec 1990
pott3r3	byte	%15.0g	LABC	* did you consume potatoes in residence 3 time 3: jan 1987 - dec 1990
pott3r4	byte	%15.0g	LABC	* did you consume potatoes in residence 4 time 3: jan 1987 - dec 1990
spott3r1	byte	%20.0g	LABN	source of potatoes in residence 1 time 3: jan 1987 - dec 1990
spott3r2	byte	%20.0g	LABN	source of potatoes in residence 2 time 3: jan 1987 - dec 1990

spott3r3	byte	%20.0g	LABN	source of potatoes in residence 3 time 3: jan 1987 - dec 1990
spott3r4	byte	%20.0g	LABN	source of potatoes in residence 4 time 3: jan 1987 - dec 1990
gpott3r1	int	%8.0g		* quantity (in grams) of potatoes per week residence 1 time 3: jan 1987 - dec 1990
gpott3r2	int	%8.0g		* quantity (in grams) of potatoes per week residence 2 time 3: jan 1987 - dec 1990
gpott3r3	int	%8.0g		* quantity (in grams) of potatoes per week residence 3 time 3: jan 1987 - dec 1990
gpott3r4	int	%8.0g		* quantity (in grams) of potatoes per week residence 4 time 3: jan 1987 - dec 1990
prkt3r1	byte	%15.0g	LABC	did you consume pork in residence 1 time 3: jan 1987 - dec 1990
prkt3r2	byte	%15.0g	LABC	did you consume pork in residence 2 time 3: jan 1987 - dec 1990
prkt3r3	byte	%15.0g	LABC	did you consume pork in residence 3 time 3: jan 1987 - dec 1990
prkt3r4	byte	%15.0g	LABC	did you consume pork in residence 4 time 3: jan 1987 - dec 1990
sprkt3r1	byte	%20.0g	LABN	source of pork in residence 1 time 3: jan 1987 - dec 1990
sprkt3r2	byte	%20.0g	LABN	source of pork in residence 2 time 3: jan 1987 - dec 1990
sprkt3r3	byte	%20.0g	LABN	source of pork in residence 3 time 3: jan 1987 - dec 1990
sprkt3r4	byte	%20.0g	LABN	source of pork in residence 4 time 3: jan 1987 - dec 1990
gprkt3r1	long	%8.0g		* quantity (in grams) of pork per week residence 1 time 3: jan 1987 - dec 1990
gprkt3r2	long	%8.0g		* quantity (in grams) of pork per week residence 2 time 3: jan 1987 - dec 1990
gprkt3r3	long	%8.0g		* quantity (in grams) of pork per week residence 3 time 3: jan 1987 - dec 1990
gprkt3r4	int	%8.0g		* quantity (in grams) of pork per week residence 4 time 3: jan 1987 - dec 1990
bft3r1	byte	%15.0g	LABC	did you consume beef in

				residence 1 time 3: jan 1987 - dec 1990
bft3r2	byte	%15.0g	LABC	did you consume beef in residence 2 time 3: jan 1987 - dec 1990
bft3r3	byte	%15.0g	LABC	did you consume beef in residence 3 time 3: jan 1987 - dec 1990
bft3r4	byte	%15.0g	LABC	did you consume beef in residence 4 time 3: jan 1987 - dec 1990
sbft3r1	byte	%20.0g	LABN	source of beef in residence 1 time 3: jan 1987 - dec 1990
sbft3r2	byte	%20.0g	LABN	source of beef in residence 2 time 3: jan 1987 - dec 1990
sbft3r3	byte	%20.0g	LABN	source of beef in residence 3 time 3: jan 1987 - dec 1990
sbft3r4	byte	%20.0g	LABN	source of beef in residence 4 time 3: jan 1987 - dec 1990
gbft3r1	long	%8.0g		* quantity (in grams) of beef per week residence 1 time 3: jan 1987 - dec 1990
gbft3r2	int	%8.0g		* quantity (in grams) of beef per week residence 2 time 3: jan 1987 - dec 1990
gbft3r3	int	%8.0g		* quantity (in grams) of beef per week residence 3 time 3: jan 1987 - dec 1990
gbft3r4	int	%8.0g		* quantity (in grams) of beef per week residence 4 time 3: jan 1987 - dec 1990
pltt3r1	byte	%15.0g	LABC	did you consume poultry in residence 1 time 3: jan 1987 - dec 1990
pltt3r2	byte	%15.0g	LABC	did you consume poultry in residence 2 time 3: jan 1987 - dec 1990
pltt3r3	byte	%15.0g	LABC	did you consume poultry in residence 3 time 3: jan 1987 - dec 1990
pltt3r4	byte	%15.0g	LABC	did you consume poultry in residence 4 time 3: jan 1987 - dec 1990
spltt3r1	byte	%20.0g	LABN	source of paultry in residence 1 time 3: jan 1987 - dec 1990
spltt3r2	byte	%20.0g	LABN	source of paultry in residence 2 time 3: jan 1987 - dec 1990
spltt3r3	byte	%20.0g	LABN	source of paultry in residence 3 time 3: jan 1987 - dec 1990

spltt3r4	byte	%20.0g	LABN	source of poultry in residence 4 time 3: jan 1987 - dec 1990
gpltt3r1	long	%8.0g		* quantity (in grams) of poultry per week residence 1 time 3: jan 1987 - dec 1990
gpltt3r2	int	%8.0g		* quantity (in grams) of poultry per week residence 2 time 3: jan 1987 - dec 1990
gpltt3r3	int	%8.0g		* quantity (in grams) of poultry per week residence 3 time 3: jan 1987 - dec 1990
gpltt3r4	int	%8.0g		* quantity (in grams) of poultry per week residence 4 time 3: jan 1987 - dec 1990
msht3r1	byte	%15.0g	LABC	did you consume mushrooms in residence 1 time 3: jan 1987 - dec 1990
msht3r2	byte	%15.0g	LABC	did you consume mushrooms in residence 2 time 3: jan 1987 - dec 1990
msht3r3	byte	%15.0g	LABC	did you consume mushrooms in residence 3 time 3: jan 1987 - dec 1990
msht3r4	byte	%15.0g	LABC	did you consume mushrooms in residence 4 time 3: jan 1987 - dec 1990
smsht3r1	byte	%20.0g	LABN	source of mushrooms in residence 1 time 3: jan 1987 - dec 1990
smsht3r2	byte	%20.0g	LABN	source of mushrooms in residence 2 time 3: jan 1987 - dec 1990
smsht3r3	byte	%20.0g	LABN	source of mushrooms in residence 3 time 3: jan 1987 - dec 1990
smsht3r4	byte	%20.0g	LABN	source of mushrooms in residence 4 time 3: jan 1987 - dec 1990
gmsht3r1	int	%8.0g		* quantity (in grams) of mushroom per week residence 1 time 3: jan 1987 - dec 1990
gmsht3r2	int	%8.0g		* quantity (in grams) of mushroom per week residence 2 time 3: jan 1987 - dec 1990
gmsht3r3	int	%8.0g		* quantity (in grams) of mushroom per week residence 3 time 3: jan 1987 - dec 1990
gmsht3r4	byte	%8.0g		* quantity (in grams) of mushroom per week residence 4 time 3: jan 1987 - dec 1990
sett4r1	str23	%23s		* town of residence 1 time 4: jan 1991-now
sett4r2	str32	%32s		town of residence 2 time 4: jan

sett4r3	str32	%32s	1991-now town of residence 3 time 4: jan 1991-now
sett4r4	str32	%32s	town of residence 4 time 4: jan 1991-now
rait4r1	str23	%23s	raion of residence 1 time 4: jan 1991-now
rait4r2	str32	%32s	raion of residence 2 time 4: jan1991-now
rait4r3	str32	%32s	raion of residence 3 time 4: jan1991-now
rait4r4	str32	%32s	raion of residence 4 time 4: jan 1991-now
latdt4r1	byte	%8.0g	* latitude in degrees residence 1 time 4: jan 1991-now
latdt4r2	byte	%8.0g	* latitude in degrees residence 2 time 4: jan 1991-now
latdt4r3	byte	%8.0g	* latitude in degrees residence 3 time 4: jan 1991-now
latdt4r4	byte	%8.0g	* latitude in degrees residence 4 time 4: jan 1991-now
londt4r1	int	%8.0g	* longitude in degrees residence 1 time 4: jan 1991-now
londt4r2	int	%8.0g	* longitude in degrees residence 2 time 4: jan 1991-now
londt4r3	byte	%8.0g	* longitude in degrees residence 3 time 4: jan 1991-now
londt4r4	byte	%8.0g	* longitude in degrees residence 4 time 4: jan 1991-now
latmt4r1	byte	%8.0g	* latitude in minutes residence 1 time 4: jan 1991-now
latmt4r2	byte	%8.0g	* latitude in minutes residence 2 time 4: jan 1991-now
latmt4r3	byte	%8.0g	* latitude in minutes residence 3 time 4: jan 1991-now
latmt4r4	byte	%8.0g	* latitude in minutes residence 4 time 4: jan 1991-now
lonmt4r1	byte	%8.0g	* longitude in minutes residence 1 time 4: jan 1991-now
lonmt4r2	byte	%8.0g	* longitude in minutes residence 2 time 4: jan 1991-now
lonmt4r3	byte	%8.0g	* longitude in minutes residence 3 time 4: jan 1991-now
lonmt4r4	byte	%8.0g	* longitude in minutes residence 4 time 4: jan 1991-now
mntht4r1	int	%8.0g	* how long did you stay in residence 1 time 4: jan 1991-now
mntht4r2	int	%8.0g	* how long did you stay in

				residence 2 time 4: jan 1991-now
mntht4r3	int	%8.0g		* how long did you stay in residence 3 time 4: jan 1991-now
mntht4r4	byte	%8.0g		* how long did you stay in residence 4 time 4: jan 1991-now
oblt4r1	byte	%31.0g	LABG	oblast of the residence 1 time 4: jan 1991-now
oblt4r2	byte	%31.0g	LABG	oblast of the residence 2 time 4: jan 1991-now
oblt4r3	byte	%31.0g	LABG	oblast of the residence 3 time 4: jan 1991-now
oblt4r4	byte	%31.0g	LABG	oblast of the residence 4 time 4: jan 1991-now
latt4r1	byte	%15.0g	LABF	direction of latitude of residence 1 time 4: jan 1991-now
latt4r2	byte	%15.0g	LABF	direction of latitude of residence 2 time 4: jan 1991-now
latt4r3	byte	%15.0g	LABF	direction of latitude of residence 3 time 4: jan 1991-now
latt4r4	byte	%15.0g	LABF	direction of latitude of residence 4 time 4: jan 1991-now
lont4r1	byte	%10.0g	lon	direction of longitude of residence 1 time 4: jan 1991-now
lont4r2	byte	%10.0g	lon	direction of longitude of residence 2 time 4: jan 1991-now
lont4r3	byte	%10.0g	lon	direction of longitude of residence 3 time 4: jan 1991-now
lont4r4	byte	%10.0g	lon	direction of longitude of residence 4 time 4: jan 1991-now
typet4r1	byte	%23.0g	LABL	type of residence 1 time 4: jan 1991-now
typet4r2	byte	%23.0g	LABL	type of residence 2 time 4: jan 1991-now
typet4r3	byte	%23.0g	LABL	type of residence 3 time 4: jan 1991-now
typet4r4	byte	%23.0g	LABL	type of residence 4 time 4: jan 1991-now
occt4r1	byte	%22.0g	LABM	occupation when in residence 1

occt4r2	byte	%22.0g	LABM	time 4: jan 1991-now ocupation when in residence 2
occt4r3	byte	%22.0g	LABM	time 4: jan 1991-now ocupation when in residence 3
occt4r4	byte	%22.0g	LABM	time 4: jan 1991-now ocupation when in residence 4
ldrt4r1	byte	%15.0g	LABC	time 4: jan 1991-now did you consume liquid dairy products in residence 1 time
ldrt4r2	byte	%15.0g	LABC	4: jan 1991-now did you consume liquid dairy products in residence 2 time
ldrt4r3	byte	%15.0g	LABC	4: jan 1991-now did you consume liquid dairy products in residence 3 time
ldrt4r4	byte	%15.0g	LABC	4: jan 1991-now did you consume liquid dairy products in residence 4 time
sldrt4r1	byte	%20.0g	LABN	4: jan 1991-now * source of liquid dairy products in residence 1 time 4: jan
sldrt4r2	byte	%20.0g	LABN	1991-now * source of liquid dairy products in residence 2 time 4: jan
sldrt4r3	byte	%20.0g	LABN	1991-now * source of liquid dairy products in residence 3 time 4: jan
sldrt4r4	byte	%20.0g	LABN	1991-now * source of liquid dairy products in residence 4 time 4: jan
mlldt4r1	int	%8.0g		1991-now * quantity (in ml) of liquid dairy products in residence 1 time
mlldt4r2	int	%8.0g		4: jan 1991-now * quantity (in ml) of liquid dairy products in residence 2 time
mlldt4r3	int	%8.0g		4: jan 1991-now * quantity (in ml) of liquid dairy products in residence 3 time
mlldt4r4	int	%8.0g		4: jan 1991-now * quantity (in ml) of liquid dairy products in residence 4 time
sdrt4r1	byte	%15.0g	LABC	4: jan 1991-now * did you consume solid dairy products in residence 1 time
sdrt4r2	byte	%15.0g	LABC	4: jan 1991-now * did you consume solid dairy products in residence 2 time
				4: jan 1991-now

sdrt4r3	byte	%15.0g	LABC	* did you consume solid dairy products in residence 3 time 4: jan 1991-now
sdrt4r4	byte	%15.0g	LABC	* did you consume solid dairy products in residence 4 time 4: jan 1991-now
ssdrt4r1	byte	%20.0g	LABN	* source of solid dairy products in residence 1 time 4: jan 1991-now
ssdrt4r2	byte	%20.0g	LABN	* source of solid dairy products in residence 2 time 4: jan 1991-now
ssdrt4r3	byte	%20.0g	LABN	* source of solid dairy products in residence 3 time 4: jan 1991-now
ssdrt4r4	byte	%20.0g	LABN	* source of solid dairy products in residence 4 time 4: jan 1991-now
gldt4r1	long	%8.0g		* quantity (in grams) of solid dairy in residence 1 time 4: jan 1991-now
gldt4r2	long	%8.0g		* quantity (in grams) of solid dairy in residence 2 time 4: jan 1991-now
gldt4r3	long	%8.0g		* quantity (in grams) of solid dairy in residence 3 time 4: jan 1991-now
gldt4r4	int	%8.0g		* quantity (in grams) of solid dairy in residence 4 time 4: jan 1991-now
pott4r1	byte	%15.0g	LABC	did you consume potatoes in residence 1 time 4: jan 1991-now
pott4r2	byte	%15.0g	LABC	did you consume potatoes in residence 2 time 4: jan 1991-now
pott4r3	byte	%15.0g	LABC	did you consume potatoes in residence 3 time 4: jan 1991-now
pott4r4	byte	%15.0g	LABC	did you consume potatoes in residence 4 time 4: jan 1991-now
spott4r1	byte	%20.0g	LABN	* source of potatoes in residence 1 time 4: jan 1991-now
spott4r2	byte	%20.0g	LABN	* source of potatoes in residence 2 time 4: jan 1991-now
spott4r3	byte	%20.0g	LABN	* source of potatoes in residence 3 time 4: jan 1991-now
spott4r4	byte	%20.0g	LABN	* source of potatoes in residence

gpott4r1	long	%8.0g		4 time 4: jan 1991-now * quantity of potatoes (in grams) per week in residence 1 time 4: jan 1991-now
gpott4r2	long	%8.0g		* quantity of potatoes (in grams) per week in residence 2 time 4: jan 1991-now
gpott4r3	int	%8.0g		* quantity of potatoes (in grams) per week in residence 3 time 4: jan 1991-now
gpott4r4	int	%8.0g		* quantity of potatoes (in grams) per week in residence 4 time 4: jan 1991-now
prkt4r1	byte	%15.0g	LABC	did you consume pork in residence 1 time 4: jan 1991-now
prkt4r2	byte	%15.0g	LABC	did you consume pork in residence 2 time 4: jan 1991-now
prkt4r3	byte	%15.0g	LABC	did you consume pork in residence 3 time 4: jan 1991-now
prkt4r4	byte	%15.0g	LABC	did you consume pork in residence 4 time 4: jan 1991-now
sprkt4r1	byte	%20.0g	LABN	* source of pork in residence 1 time 4: jan 1991-now
sprkt4r2	byte	%20.0g	LABN	* source of pork in residence 2 time 4: jan 1991-now
sprkt4r3	byte	%20.0g	LABN	* source of pork in residence 3 time 4: jan 1991-now
sprkt4r4	byte	%20.0g	LABN	* source of pork in residence 4 time 4: jan 1991-now
gprkt4r1	int	%8.0g		* quantity of pork (in grams) per week in residence 1 time 4: jan 1991-now
gprkt4r2	int	%8.0g		* quantity of pork (in grams) per week in residence 2 time 4: jan 1991-now
gprkt4r3	int	%8.0g		* quantity of pork (in grams) per week in residence 3 time 4: jan 1991-now
gprkt4r4	int	%8.0g		* quantity of pork (in grams) per week in residence 4 time 4: jan 1991-now
bef4r1	byte	%15.0g	LABC	did you consume beef in residence 1 time 4: jan 1991-now
bef4r2	byte	%15.0g	LABC	did you consume beef in

				residence 2 time 4: jan 1991-now
bft4r3	byte	%15.0g	LABC	did you consume beef in residence 3 time 4: jan 1991-now
bft4r4	byte	%15.0g	LABC	did you consume beef in residence 4 time 4: jan 1991-now
sbft4r1	byte	%20.0g	LABN	source of beef in residence 1 in time 4: jan 1991-now
sbft4r2	byte	%20.0g	LABN	source of beef in residence 2 in time 4: jan 1991-now
sbft4r3	byte	%20.0g	LABN	source of beef in residence 3 in time 4: jan 1991-now
sbft4r4	byte	%20.0g	LABN	source of beef in residence 4 in time 4: jan 1991-now
gbft4r1	long	%8.0g		* quantity of beef (in grams) per week in residence 1 in time 4: jan 1991-now
gbft4r2	int	%8.0g		* quantity of beef (in grams) per week in residence 2 in time 4: jan 1991-now
gbft4r3	int	%8.0g		* quantity of beef (in grams) per week in residence 3 in time 4: jan 1991-now
gbft4r4	int	%8.0g		* quantity of beef (in grams) per week in residence 4 in time 4: jan 1991-now
pltt4r1	byte	%15.0g	LABC	* did you consume poultry in residence 1 in time 4: jan 1991-now
pltt4r2	byte	%15.0g	LABC	* did you consume poultry in residence 2 in time 4: jan 1991-now
pltt4r3	byte	%15.0g	LABC	* did you consume poultry in residence 3 in time 4: jan 1991-now
pltt4r4	byte	%15.0g	LABC	* did you consume poultry in residence 4 in time 4: jan 1991-now
spltt4r1	byte	%20.0g	LABN	source of paultry in residence 1 in time 4: jan 1991-now
spltt4r2	byte	%20.0g	LABN	source of paultry in residence 2 in time 4: jan 1991-now
spltt4r3	byte	%20.0g	LABN	source of paultry in residence 3 in time 4: jan 1991-now
spltt4r4	byte	%20.0g	LABN	source of paultry in residence 4 in time 4: jan 1991-now
gpltt4r1	long	%8.0g		* quantity of paultry (in grams)

				per week in residence 1 in time 4: jan 1991-now
gpltt4r2	int	%8.0g		* quantity of poultry (in grams) per week in residence 2 in time 4: jan 1991-now
gpltt4r3	int	%8.0g		* quantity of poultry (in grams) per week in residence 3 in time 4: jan 1991-now
gpltt4r4	int	%8.0g		* quantity of poultry (in grams) per week in residence 4 in time 4: jan 1991-now
msht4r1	byte	%15.0g	LABC	* did you consume mushrooms in residence 1 in time 4: jan 1991-now
msht4r2	byte	%15.0g	LABC	* did you consume mushrooms in residence 2 in time 4: jan 1991-now
msht4r3	byte	%15.0g	LABC	* did you consume mushrooms in residence 3 in time 4: jan 1991-now
msht4r4	byte	%15.0g	LABC	* did you consume mushrooms in residence 4 in time 4: jan 1991-now
smsht4r1	byte	%20.0g	LABN	source of mushrooms in residence 1 in time 4: jan 1991-now
smsht4r2	byte	%20.0g	LABN	source of mushrooms in residence 2 in time 4: jan 1991-now
smsht4r3	byte	%20.0g	LABN	source of mushrooms in residence 2 in time 4: jan 1991-now
smsht4r4	byte	%20.0g	LABN	source of mushrooms in residence 3 in time 4: jan 1991-now
gmsht4r1	int	%8.0g		* quantity of mushroom (in grams) per week in residence 1 in time 4: jan 1991-now
gmsht4r2	int	%8.0g		* quantity of mushroom (in grams) per week in residence 2 in time 4: jan 1991-now
gmsht4r3	int	%8.0g		* quantity of mushroom (in grams) per week in residence 3 in time 4: jan 1991-now
gmsht4r4	byte	%8.0g		* quantity of mushroom (in grams) per week in residence 4 in time 4: jan 1991-now
csflfrnd	byte	%15.0g	LABB	* let your feelings out to a friend?
csrearr	byte	%15.0g	LABB	* rearranged things around you so that your problem had the best chance of being s
csbrstrm	byte	%15.0g	LABB	brainstormed all possible

				solutions before deciding what to do?
csdist	byte	%15.0g	LABB	tried to distract yourself from the problem?
csaccsy	byte	%15.0g	LABB	accepted sympathy and understanding from someone?
cskpothe	byte	%15.0g	LABB	did all you could to keep others from seeing how bad things really were?
cstkpeop	byte	%15.0g	LABB	* talked to people about the situation because talking about it helped you to feel set some goals for yourself to deal with the situation?
cssetgoa	byte	%15.0g	LABB	weighed your options very carefully?
csddream	byte	%15.0g	LABB	daydreamed about a better time?
csdifsov	byte	%15.0g	LABB	tried different ways to solve the problem until you found one that worked?
cscofear	byte	%15.0g	LABB	confided your fears and worries to a friend or a relative?
csalone	byte	%15.0g	LABB	spent more time than usual alone?
cstldpep	byte	%15.0g	LABB	* told people about the situation because just talking about it helped you to come thought about what needed to be done to straighten things out?
csstngs	byte	%15.0g	LABB	turned your full attention to solving the problem?
csflatt	byte	%15.0g	LABB	formed a plan of action in your mind?
csactpl	byte	%15.0g	LABB	watched television more than usual?
cstv	byte	%15.0g	LABB	went to someone (friend or professional) in order to help you feel better?
csfrndpr	byte	%15.0g	LABB	stood firm and fought for what you wanted in the situation?
csstndfr	byte	%15.0g	LABB	avoided being with people in general?
csavdppl	byte	%15.0g	LABB	buried yourself in a hobby or sports activity to avoid the problem?
csbbspor	byte	%15.0g	LABB	went to a friend to help you feel better about the problem?
csfriend	byte	%15.0g	LABB	went to a friend for advice on how to change the situation?
csadvice	byte	%15.0g	LABB	

csacsymp	byte	%15.0g	LABB	accepted sympathy and understanding from friends who had the same problem?
cssleep	byte	%15.0g	LABB	slept more than usual?
csfantasy	byte	%15.0g	LABB	fantasized about how things could have been different?
csidnovl	byte	%15.0g	LABB	identified with characters in novels or movies?
cssolvpr	byte	%15.0g	LABB	tried to solve the problem?
cslvbe	byte	%15.0g	LABB	wished that people would just leave you alone?
csachelp	byte	%15.0g	LABB	accepted help from a friend or relative?
csreasur	byte	%15.0g	LABB	sought reassurance from those who know you best?
csplnact	byte	%15.0g	LABB	tried to carefully plan a course of action rather than acting on impulse?
psolv	byte	%8.0g		subscale i = "problem solving"
socsup	byte	%8.0g		subscale ii = "seeking social support"
avoid	byte	%8.0g		subscale iii = "avoidance"
hptired	byte	%12.0g	HPLabel	i'm tired all the time
hppainit	byte	%12.0g	HPLabel	i have pain at night
hpgtdwn	byte	%12.0g	HPLabel	things are getting me down
hpunpain	byte	%12.0g	HPLabel	i have unbearable pain
hpslepil	byte	%12.0g	HPLabel	i take pills to help me sleep
hpnojoy	byte	%12.0g	HPLabel	i've forgotten what it's like to enjoy myself
hponedge	byte	%12.0g	HPLabel	i'm feeling on edge
hpcngpos	byte	%12.0g	HPLabel	i find it painful to change position
hplonely	byte	%12.0g	HPLabel	i feel lonely
hpxlkinr	byte	%12.0g	HPLabel	i can walk about only indoors
hpnobend	byte	%12.0g	HPLabel	i find it hard to bend
hpalefrt	byte	%12.0g	HPLabel	everything is an effort
hpxkgrly	byte	%12.0g	HPLabel	i'm waking up in the early hours of the morning
hpnowlk	byte	%12.0g	HPLabel	i'm unable to walk at all
hphrdcnt	byte	%12.0g	HPLabel	i'm finding it hard to make contact with people
hpxdaydrg	byte	%12.0g	HPLabel	the days seem to drag
hpxstairs	byte	%12.0g	HPLabel	i have trouble getting up and down stairs and steps
hphrdrch	byte	%12.0g	HPLabel	i find it hard to reach for things
hpxlkpai	byte	%12.0g	HPLabel	i'm in pain when i walk
hpxtemper	byte	%12.0g	HPLabel	i lose my temper easily these days

hpnoclse	byte	%12.0g	HPLabel	i feel like there is nobody that i am close to
hpawake	byte	%12.0g	HPLabel	i lie awake for most of the night
hplocntr	byte	%12.0g	HPLabel	i feel as if iím losing control
hpstdpai	byte	%12.0g	HPLabel	iím in pain when iím standing
hphardre	byte	%12.0g	HPLabel	i find it hard to get dressed by myself
hpnoergy	byte	%12.0g	HPLabel	i soon run out of energy
hphrdstd	byte	%12.0g	HPLabel	i find it hard to stand for long (e.g. at the kitchen sink, waiting in line)
hpconpai	byte	%12.0g	HPLabel	iím in constant pain.
hplgslee	byte	%12.0g	HPLabel	it takes me a long time to get to sleep.
hpburden	byte	%12.0g	HPLabel	i feel i am a burden to people.
hpwryawk	byte	%12.0g	HPLabel	worry is keeping me awake at night.
hpnolive	byte	%12.0g	HPLabel	i feel that life is not worth living.
hpbadslp	byte	%12.0g	HPLabel	i sleep badly at night.
hpgtalng	byte	%12.0g	HPLabel	iím finding it hard to get along with people.
hphlpwlk	byte	%12.0g	HPLabel	i need help to walk about outside (e.g. a walking aid or someone to support me).
hpstrspn	byte	%12.0g	HPLabel	iím in pain when going up or down stairs.
hpamdprs	byte	%12.0g	HPLabel	i wake up feeling depressed
hpsitpai	byte	%12.0g	HPLabel	iím in pain when iím sitting.
enlev	double	%9.0g		energy level (el)
pain	double	%9.0g		pain (p)
emreac	double	%9.0g		emotional reaction (er)
sleep	double	%9.0g		sleep (s)
socisol	double	%9.0g		social isolation (si)
phabil	double	%9.0g		physical abilities (pa)
hpprbwk	byte	%12.0g	HPLabel	health causes problems at work
hpprbcln	byte	%12.0g	HPLabel	* health causes problems taking care of home
hpprobsc	byte	%12.0g	HPLabel	health causing problems with social life
hpprobho	byte	%12.0g	HPLabel	health causing problems with home life
hpprosex	byte	%12.0g	HPLabel	health cauing problems with sex life
hpprpint	byte	%12.0g	HPLabel	health causing problems with interests and hobbies
hpprovac	byte	%12.0g	HPLabel	health causing problems with vacations

hthprof	byte	%8.0g		health profile subscale
ffriend	byte	%18.0g	LABD	* before the chornobyl event in 1986 i had more close friends than i have now.
fchorn	byte	%18.0g	LABD	* if something happens that reminds me of chornobyl. i become very distressed and
fguilt	byte	%18.0g	LABD	i feel guilty over things i did around the time of chornobyl
fpush	byte	%18.0g	LABD	* since the event i find that if someone pushes me too far, i am likely to become
fnight	byte	%18.0g	LABD	i have nightmares about chornobyl.
fdead	byte	%18.0g	LABD	* when i think of some of the things i did at the time of chornobyl i wish i were
fnofeel	byte	%18.0g	LABD	since chornobyl, it seems as if i have no feelings.
flived	byte	%18.0g	LABD	i wonder why i lived when others died.
fsituat	byte	%18.0g	LABD	being in certain situations makes me feel as though i am back in the event.
flaugh	byte	%18.0g	LABD	* since chornobyl it seems that i do not laugh or cry about the same things that
fnoise	byte	%18.0g	LABD	since chornobyl unexpected noises make me jump.
falcoh	byte	%18.0g	LABD	* i have used alcohol or other drugs to help me sleep or to make me forget the eve
fafraid	byte	%18.0g	LABD	since chornobyl i have been afraid to sleep at night
fstayaw	byte	%18.0g	LABD	* i try to stay away from anything that will remind me of things which happened du
fremem	byte	%18.0g	LABD	i have difficulty remembering some things which happened during the event.
fanxio	byte	%18.0g	LABD	if something happens that reminds me of chornobyl, i get anxious and panicky.
fremind	byte	%18.0g	LABD	things i see or hear often remind me of the chornobyl event.
fdontth	byte	%18.0g	LABD	i often think about the event even when i don't mean to.
femot	byte	%18.0g	LABD	i am able to get emotionally

				close to others.
fkill	byte	%18.0g	LABD	lately i have felt like killing myself.
fasleep	byte	%18.0g	LABD	i fall asleep stay asleep and awaken only when the alarm goes off.
fdream	byte	%18.0g	LABD	* my dreams are so real that i awaken in a cold sweat and force myself to stay awa
fgoon	byte	%18.0g	LABD	i feel like i cannot go on.
fenjoy	byte	%18.0g	LABD	i still enjoy doing many things that i used to enjoy.
fconcen	byte	%18.0g	LABD	i have trouble concentrating on tasks.
fcomp	byte	%18.0g	LABD	i enjoy the company of others.
ffallas	byte	%18.0g	LABD	i fall asleep easily at night.
funder	byte	%18.0g	LABD	no one understands how i feel, not even my family.
fcool	byte	%18.0g	LABD	lately, i lose my cool and explode of minor everyday things.
falert	byte	%18.0g	LABD	i feel alert and on guard much of the time.
instsym	byte	%8.0g		intrusion symptom score
avoisym	byte	%8.0g		avoidance symptom score
aroussym	byte	%8.0g		arousal symptom score
suicsym	byte	%8.0g		suicidal/guilt score
bsnerv	byte	%20.0g	LABE	nervousness or shakiness inside
bsfaint	byte	%20.0g	LABE	faintness or dizziness
bsidea	byte	%20.0g	LABE	the idea that someone else can control your thoughts
bsothers	byte	%20.0g	LABE	feeling others are to blame for most of your troubles
bsnomem	byte	%20.0g	LABE	trouble remembering things
bsannoy	byte	%20.0g	LABE	feeling easily annoyed or irritated
bspain	byte	%20.0g	LABE	pains in the heart or chest
bsafraid	byte	%20.0g	LABE	feeling afraid in open spaces
bsendlif	byte	%20.0g	LABE	thoughts of ending your life
bstrust	byte	%20.0g	LABE	feeling that most people cannot be trusted
bseat	byte	%20.0g	LABE	poor appetite
bsscared	byte	%20.0g	LABE	suddenly scared for no reason
bstemper	byte	%20.0g	LABE	temper outbursts that you could not control
bslonely	byte	%20.0g	LABE	feeling lonely even when you are with people
bsblock	byte	%20.0g	LABE	feeling blocked in getting things done

bsalone	byte	%20.0g	LABE	feeling lonely
bsblue	byte	%20.0g	LABE	feeling blue
bsnoint	byte	%20.0g	LABE	feeling no interest in things
bsfear	byte	%20.0g	LABE	feeling fearful
bshurt	byte	%20.0g	LABE	your feelings being easily hurt
bsnofrd	byte	%20.0g	LABE	feeling that people are unfriendly or dislike you
bsinf	byte	%20.0g	LABE	feeling inferior to others
bsnausea	byte	%20.0g	LABE	nausea or upset stomach
bswatch	byte	%20.0g	LABE	feeling that you are watched or talked about by others
bsnoslp	byte	%20.0g	LABE	trouble falling asleep
bscheck	byte	%20.0g	LABE	having to check and double-check what you do
bsnodec	byte	%20.0g	LABE	difficulty making decisions
bsnotrav	byte	%20.0g	LABE	feeling afraid to travel on buses,undergrounds or trains
bsnobrth	byte	%20.0g	LABE	trouble getting your breath
bshtcold	byte	%20.0g	LABE	hot or cold spells
bsavoid	byte	%20.0g	LABE	having to avoid certain things, places, or activities because they frighten you
bsblank	byte	%20.0g	LABE	your mind going blank
bsnumb	byte	%20.0g	LABE	numbness or tingling in parts of your body
bspunish	byte	%20.0g	LABE	the idea that you should be punished for your sins
bshoples	byte	%20.0g	LABE	feeling hopeless about the future
bsnothk	byte	%20.0g	LABE	trouble concentrating
bsweak	byte	%20.0g	LABE	feeling weak in parts of your body
bstense	byte	%20.0g	LABE	feeling tense or keyed up
bsdeath	byte	%20.0g	LABE	thoughts of death or dying
bsbeat	byte	%20.0g	LABE	having urges to beat, injure or harm someone
bsbreak	byte	%20.0g	LABE	having urges to break or smash things
bsconsc	byte	%20.0g	LABE	feeling very self-conscious with others
bsuneasy	byte	%20.0g	LABE	feeling uneasy in crowds
bsnoclse	byte	%20.0g	LABE	never feeling close to another person
bspanic	byte	%20.0g	LABE	spells of terror or panic
bsargue	byte	%20.0g	LABE	getting into frequent arguments
bsnerv_a	byte	%20.0g	LABE	feeling nervous when you are left alone
bscredit	byte	%20.0g	LABE	others not giving you proper credit for your achievements

bsnosit	byte	%20.0g	LABEL	feeling so restless you couldn't sit still
bsworth	byte	%20.0g	LABEL	feelings of worthlessness
bsadvan	byte	%20.0g	LABEL	feeling that people will take advantage of you if you let them
bsguilt	byte	%20.0g	LABEL	feeling of guilt
bswrong	byte	%20.0g	LABEL	the idea that something is wrong with your mind
possym	int	%8.0g		positive symptom total
somatiz	byte	%8.0g		somatization
obsess	byte	%8.0g		obsession-compulsion
interper	byte	%8.0g		interpersonal sensitivity
depress	byte	%8.0g		depression
anxiety	byte	%8.0g		anxiety
hostilit	byte	%8.0g		hostility
phobanx	byte	%8.0g		phobic anxiety
paran	byte	%8.0g		paranoid ideation
psychot	byte	%8.0g		psychoticism
globseve	double	%9.0g		global severity
CSprbslv	byte	%9.0g		Coping Problem Solving Subscale
CSsocspt	byte	%9.0g		Coping social support subscale
CSavoid	byte	%9.0g		Coping Avoidance subscale
WHP1el	double	%9.0g		
WHP2p	double	%9.0g		
WHP3er	double	%9.0g		
WHP4p	double	%9.0g		
WHP5s	double	%9.0g		
WHP6er	double	%9.0g		
WHP7er	double	%9.0g		
WHP8p	double	%9.0g		
WHP9si	double	%9.0g		
WHP10pa	double	%9.0g		
WHP11pa	double	%9.0g		
WHP12el	double	%9.0g		
WHP13s	double	%9.0g		
WHP14pa	double	%9.0g		
WHP15si	double	%9.0g		
WHP16er	double	%9.0g		
WHP17pa	double	%9.0g		
WHP18pa	double	%9.0g		
WHP19p	double	%9.0g		
WHP20er	double	%9.0g		
WHP21si	double	%9.0g		
WHP22s	double	%9.0g		
WHP23er	double	%9.0g		
WHP24p	double	%9.0g		
WHP25pa	double	%9.0g		
WHP26el	byte	%9.0g		

WHP27pa	double	%9.0g		
WHP28ps	double	%9.0g		
WHP29s	double	%9.0g		
WHP30si	double	%9.0g		
WHP31er	double	%9.0g		
WHP32er	double	%9.0g		
WHP33s	double	%9.0g		
WHP34si	double	%9.0g		
WHP35pa	double	%9.0g		
WHP36p	double	%9.0g		
WHP37er	double	%9.0g		
WHP38p	double	%9.0g		
whp23er	double	%9.0g		
WHPel	double	%9.0g		Wtd Health Profile Pt 1 Energy Level Subscale
WHPpain	double	%9.0g		Wtd Health Profile Pain Pt 1 subscale
WHPer	double	%9.0g		Wtd Health Profile Emotional reaction Pt 1 subscale
WHPsleep	double	%9.0g		Wtd Health Profile Sleep Pt 1 subscale
WHPsociso	double	%9.0g		Wtd Health Profile Social Isolation Pt 1 subscale
WHPpa	double	%9.0g		Wtd Health Profile Physical Ability Pt 1 Subscale
HP2work	byte	%9.0g	hp2fmt	Nottingham Health profile subscale Part2: paid employment
HP2hmcare	byte	%9.0g	hp2fmt	Hlth profile Pt2: Home cleaning, cooking and repairs
HP2probsoc	byte	%9.0g	hp2fmt	Hlth profile Pt2: Hlth causing probs with social life
HP2pbfhm	byte	%9.0g	hp2fmt	Hlth profile Pt2: Hlth causing probs with family members at home
HP2sxlife	byte	%9.0g	hp2fmt	Hlth profile Pt2: Hlth causing probs with sex life
HP2inthob	byte	%9.0g	hp2fmt	Hlth profile Pt2: Hlth probs interfering with interests & hobbies
HP2vacatn	byte	%9.0g	hp2fmt	Hlth profile Pt2: Hlth probs interfering with vacations
BSItotal	int	%9.0g		Basic symptom inventory total scale score
lBSItotal	double	%9.0g		Ln(bsItotal)
BSIposymp	int	%9.0g		Brief Symptom inventory positive symptom total subscale
BSIglobsi	double	%9.0g		Brief Symptom Inventory Global Severity (mean) Index

BSIsoma	byte	%9.0g		Basic symptom inventory obsessive compulsive subscale
BSIoc	byte	%9.0g		Basic Symptom Inventory Obsessive compulsive subscale
BSIips	byte	%9.0g		Basic symptom invenstory interpersonal sensitivity subscales
BSIdep	byte	%9.0g		Basic symptom inventory Depression subscale
BSIanx	byte	%9.0g		Basic symptom inventory Anxiety subscales
BSIphanx	byte	%9.0g		Basic symptom inventory phobic anxiety subscale
BSIhos	byte	%9.0g		Basic symptom invenstory hostility subscale
BSIpar	byte	%9.0g		Basic symptom invenstory Paranoia subscale
BSIpsyc	byte	%9.0g		Basic symptom inventory Psychoticism subscale score
testage1	double	%9.0g		
yrageck	double	%9.0g		
iday	byte	%9.0g		
idates	str10	%10s		
idate	int	%d		Stata date of interview
bday	byte	%9.0g		
bdates	str10	%10s		String birthdate
bdate	long	%d		Stata birthdate of respondent
moage	int	%9.0g		Age of respondent in months
yrage	double	%9.0g		Computed age of respondent
agerr	double	%9.0g		Error in age recording?
fenjoyr	byte	%15.0g	fnjr	I no longer enjoy many of the things I used to enjoy (reversal of fenjoy)
fallasr	byte	%15.0g	fnjr	I do not fall asleep easily at night (reversal of ffallas)
MiPTSD	byte	%9.0g		Mississippi post-traumatic stress disorder scale
apprxage	int	%9.0g		
iy	int	%9.0g		Interview year
byr	int	%9.0g		Birth year
bmo	byte	%9.0g		Birth month
imo	byte	%9.0g		Interview month
agemoadj	byte	%9.0g		Adjustment to age in months
pos	byte	%9.0g		indicator function
neg	byte	%9.0g		indicator function
agemo	int	%9.0g		age in months
ageyrs	double	%9.0g		computed age of respondent in years
mincumdosew1	double	%8.0g		wave 1 avg minimum dose of CS137

avgcumdosew1	double	%8.0g		in mGy ending 12/31/1986 wave 1 avg mean CS137 dose in mGy ending 12/31/1986
maxcumdosew1	double	%8.0g		wave2 avg CS137 maximum dose ending 12/31/1986
mincumdosew2	double	%8.0g		Wave 2 average minimum CS137 dose in mGy ending 12/31/1996
avgcumdosew2	double	%8.0g		Average mean dose CS1337 in mGy for wave 2
maxcumdosew2	double	%8.0g		Avg Max dose in mGY for wave 2
mincumdosew3	double	%8.0g		Wave 3 avg minimum dose of CS137 ending in 12/31/2009
avgcumdosew3	double	%8.0g		Avg Mean dose of CS137 ending 12/31/2009
maxcumdosew3	double	%8.0g		Average maximum dose of CS137 ending in 12/31/2009 in mGy
reporttype	str45	%45s		Report type:
threewavepane~s	str32	%32s		Three-wave panel, cumulative doses
wavelsummary	str10	%10s		Three-wave panel, cumulative doses
wave2summary	str10	%10s		
wave3summary	str10	%10s		
ranown2	byte	%27.0g	ranown	Current raion of residence
townnown	byte	%27.0g	townnown	Current town of residence
totltele	long	%9.0g		Total number of landline phones per raion
area	byte	%22.0g	ar	Basis of sampling weights
areacodewt	int	%9.0g		Basis of sampling weight
combined	byte	%24.0g	combi	Was this area combined with another to form final sampling weight?
oblnown	byte	%8.0g	oblnown	Current Oblast of residence
numresp	int	%9.0g		Number of respondents per area
c	byte	%9.0g		Constant of unity for subsample computation of cases per area
areaRespid	int	%9.0g		Number of respondents in sample per areacode
raionwt	double	%9.0g		inverse of sampling wt per raion
totalphones	long	%9.0g		Totoal number of phones in Kyiv and Zhitomyr Oblast
sampwt	double	%9.0g		Sampling weight
fpc1	double	%9.0g		Finite population correction
cptsd	double	%9.0g		Mean centered PTSD score
cbdep	double	%9.0g		Mean centered BSI depression score
cpxd	double	%9.0g		Mean centered interaction between PTSD and BSI Depression

pxd	int	%9.0g		Interaction between PTSD and BSI depression
genwt	int	%9.0g		Post-stratification gender proportion correction factor
agesq	int	%9.0g		
male	byte	%9.0g		
mar0w3	byte	%9.0g		Married code 0 in wave 3
emplw35	byte	%8.0g		emplw3==5. unemployed
occ1w3	byte	%15.0g	LABJ	professional executive administration now
occ2w3	byte	%15.0g	LABJ	technical sales admin support now
occ3w3	byte	%15.0g	LABJ	service occup protective services now
occ4w3	byte	%15.0g	LABJ	precision prod mechan craft construction now
occ5w3	byte	%15.0g	LABJ	factory laborer machinist transp cleaner now
occ6w3	byte	%15.0g	LABJ	farming agricul forestry fishing trapping logging now
occ7w3	byte	%15.0g	LABJ	homemaking or caregiving now
occ8w3	byte	%15.0g	LABJ	student now
inc1w3	byte	%15.0g	LABJ	Income is not sufficient for basic neccessities NOW
inc2w3	byte	%15.0g	LABJ	Income is just sufficient for basic neccessities NOW
inc3w3	byte	%15.0g	LABJ	Income is sufficient for basics plus extra purchases/savings NOW
inc4w3	byte	%15.0g	LABJ	Income allows to comfortably afford luxury items NOW
radhlw3	byte	%8.0g		Self-perceived Chornobyl health threat in wave 3
radchw3	byte	%8.0g		believed % of polution related to chornobyl NOW
radtlw3	byte	%8.0g		believed % of cumulative radiation exposed to in a lifetime NOW
havmil	double	%9.0g		Distance from Chornobyl in miles
bfmEL2	float	%9.0g		max(0, 21928 - BSIsoma)
bfmEL4	float	%9.0g		max(0, 21988 - BSiposymp)
bfmEL16	float	%9.0g		max(0, 22136 - kmacc)
carcin	byte	%8.0g		* a person exposed to carcinogen is likely to get cancer (% of agreement)
healthef	byte	%8.0g		* a person exposed to any radiation likely to suffer from (% of agreement)
dvcew3	byte	%8.0g		Total number of divorces

			experienced in time period 1996-NOW
sepaw3	byte	%8.0g	Total number of separations experienced in time period 1996-NOW
shhlw3	byte	%8.0g	Percentage of strains and hassles related to health NOW
shhousw3	byte	%8.0g	Percentage of strains and hassles related to housing NOW
phlthw3	byte	%8.0g	level of general physical health now
suprtw3	byte	%8.0g	Level of support (in percent) from partner NOW
fdferw3	byte	%8.0g	* level of fear in percent from consuming foods contaminated with radiation in 199
dafter	int	%8.0g	* how many days lapsed after Chornobyl accident before you heard about the acciden
near	byte	%8.0g	* radiation from a nuclear plant site is more concentrated near the plant (% of ag
chsize	byte	%8.0g	* the radioactive fallout from chornobyl affected more people than the radioactive
polprw3	byte	%8.0g	consider hazardous (in percent) - political problems NOW
icdxcnt	byte	%9.0g	count of icdx illnesses

319 . set more off

```

320 . regress WHPel age educ2-educ7 marrw31-marrw33 marrw35 childw3 ///
>   emplw32-emplw34 occ1w3-occ7w3 inclw3-inc4w3 radhlw3 radchw3 ///
>   radtlw3 havmil bfmEL2 bfmEL4 bfmEL16 ///
>   carcin healthef ///
>   dvcew3 sepaw3 ///
>   shhlw3 shhousw3 phlthw3 suprtw3 fdferw3 ///
>   dafter near chsize polprw3 icdxcnt if gender==1, vce(cluster id)

```

Linear regression

Number of obs =	338
F(47, 337) =	14.82
Prob > F =	0.0000
R-squared =	0.4257
Root MSE =	24.553

(Std. Err. adjusted for 338 clusters in id)

WHPel	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
age	.0903385	.1627891	0.55	0.579	-.2298724	.4105493
educ2	11.47363	16.78883	0.68	0.495	-21.55048	44.49774
educ3	15.29007	15.70656	0.97	0.331	-15.60517	46.18532
educ4	10.53389	16.42481	0.64	0.522	-21.77418	42.84196
educ5	25.27605	15.66273	1.61	0.108	-5.532993	56.08509
educ6	21.14131	15.53762	1.36	0.175	-9.421621	51.70424
educ7	20.02427	19.45404	1.03	0.304	-18.24237	58.29092
marrw31	3.482547	10.04415	0.35	0.729	-16.27458	23.23967
marrw32	-3.840648	10.66769	-0.36	0.719	-24.82429	17.14299
marrw33	2.532121	10.24481	0.25	0.805	-17.6197	22.68395
marrw35	-4.499927	11.64662	-0.39	0.699	-27.40915	18.40929
childw3	-.5478584	1.839036	-0.30	0.766	-4.165294	3.069578
emplw32	6.148683	4.514167	1.36	0.174	-2.730811	15.02818
emplw33	1.605113	7.718013	0.21	0.835	-13.57644	16.78666
emplw34	-9.812303	6.955411	-1.41	0.159	-23.49379	3.869188
occ1w3	-3.287587	13.9735	-0.24	0.814	-30.77385	24.19868
occ2w3	-7.013005	14.26619	-0.49	0.623	-35.07501	21.04899
occ3w3	5.198289	14.54013	0.36	0.721	-23.40256	33.79914
occ4w3	-.3815392	14.43193	-0.03	0.979	-28.76955	28.00647
occ5w3	12.49805	15.23592	0.82	0.413	-17.47143	42.46753
occ6w3	8.412501	18.86591	0.45	0.656	-28.69727	45.52228
occ7w3	-1.342951	14.99661	-0.09	0.929	-30.8417	28.1558
inc1w3	-.0525973	13.87179	-0.00	0.997	-27.3388	27.23361
inc2w3	-.5557414	12.91364	-0.04	0.966	-25.95724	24.84576
inc3w3	.3949606	12.97367	0.03	0.976	-25.12461	25.91453
inc4w3	-4.791595	14.46611	-0.33	0.741	-33.24684	23.66365
radhlw3	.0197592	.0642891	0.31	0.759	-.1066992	.1462177
radchw3	.0894927	.0584249	1.53	0.127	-.0254307	.2044162
radtlw3	.014993	.0543891	0.28	0.783	-.091992	.1219779
havmil	.0498563	.029365	1.70	0.090	-.0079055	.107618
bfmEL2	-1.429926	.5892686	-2.43	0.016	-2.589034	-.2708179
bfmEL4	-.3690884	.1374577	-2.69	0.008	-.6394715	-.0987052
bfmEL16	.0493683	.0184824	2.67	0.008	.013013	.0857237
carcin	-.4263463	.1536463	-2.77	0.006	-.728573	-.1241196
healthef	.379718	.1662925	2.28	0.023	.052616	.7068199
dvcew3	-3.503823	8.937278	-0.39	0.695	-21.0837	14.07606
sepaw3	10.28718	11.18044	0.92	0.358	-11.70506	32.27941
shhlw3	-.0533874	.053445	-1.00	0.319	-.1585152	.0517404
shhousw3	.0298894	.0592072	0.50	0.614	-.0865728	.1463515
phlthw3	-.1410255	.0912887	-1.54	0.123	-.320593	.0385419
suprtw3	-.0067075	.0522928	-0.13	0.898	-.109569	.0961539
fdferw3	-.0547576	.0755596	-0.72	0.469	-.2033855	.0938703
dafter	-.0111606	.0173403	-0.64	0.520	-.0452694	.0229482
near	-.1306345	.0468761	-2.79	0.006	-.2228411	-.038428


```

325 . des WHPel age educ2-educ7 emplw32-emplw34 radchw3 ///
> bfmEL2 bfmEL4 bfmEL16 carcin healthef near chsize icdxcnt

```

variable name	storage type	display format	value label	variable label
WHPel	double	%9.0g		Wtd Health Profile Pt 1 Energy Level Subscale
age	byte	%8.0g		* Respondent's age
educ2	byte	%8.0g		educ==2. graduated high school
educ3	byte	%8.0g		educ==3. technical degree
educ4	byte	%8.0g		educ==4. did not finish college/bachelor's
educ5	byte	%8.0g		educ==5. graduated college/bachelor's
educ6	byte	%8.0g		educ==6. finished specialist/master's degree
educ7	byte	%8.0g		educ==7. doctor of science/phd
emplw32	byte	%8.0g		emplw3==2. part time
emplw33	byte	%8.0g		emplw3==4. retired
emplw34	byte	%8.0g		emplw3==5. unemployed
radchw3	byte	%8.0g		believed % of polution related to chornobyl NOW
bfmEL2	float	%9.0g		max(0, 21928 - BSIsoma)
bfmEL4	float	%9.0g		max(0, 21988 - BSIPosymp)
bfmEL16	float	%9.0g		max(0, 22136 - kmacc)
carcin	byte	%8.0g		* a person exposed to carcinogen is likely to get cancer (% of agreement)
healthef	byte	%8.0g		* a person exposed to any radiation likely to suffer from (% of agreement)
near	byte	%8.0g		* radiation from a nuclear plant site is more concentrated near the plant (% of ag
chsize	byte	%8.0g		* the radioactive fallout from chornobyl affected more people than the radioactive
icdxcnt	byte	%9.0g		count of icdx illnesses

```

326 .
327 . set more off

328 . regress WHPel age educ2-educ7 ///
>     emplw32-emplw34 radchw3 ///
>     bfmEL2 bfmEL4 bfmEL16 ///
>     carcin healthef ///
>     near chsize icdxcnt if gender==1, vce(cluster id)

```

Linear regression

```

Number of obs =      340
F( 19,   339) =    12.18
Prob > F       =    0.0000
R-squared      =    0.3808
Root MSE      =    24.291

```

(Std. Err. adjusted for 340 clusters in id)

WHPel	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
age	.1217102	.1464617	0.83	0.407	-.1663779	.4097983
educ2	22.37493	12.72676	1.76	0.080	-2.65844	47.4083
educ3	22.23436	11.9254	1.86	0.063	-1.222748	45.69146
educ4	19.34461	12.60499	1.53	0.126	-5.449241	44.13845
educ5	28.34069	12.06047	2.35	0.019	4.617914	52.06346
educ6	24.73449	12.011	2.06	0.040	1.10902	48.35995
educ7	25.95312	15.73915	1.65	0.100	-5.005564	56.91181
emplw32	5.905683	4.066576	1.45	0.147	-2.093217	13.90458
emplw33	3.701983	4.812305	0.77	0.442	-5.763757	13.16772
emplw34	-6.054123	4.562305	-1.33	0.185	-15.02812	2.919869
radchw3	.1114297	.047236	2.36	0.019	.0185171	.2043423
bfmEL2	-1.445295	.5426682	-2.66	0.008	-2.512716	-.3778742
bfmEL4	-.4035927	.1263098	-3.20	0.002	-.6520424	-.1551429
bfmEL16	.0164658	.0069007	2.39	0.018	.0028922	.0300395
carcin	-.5208226	.1145601	-4.55	0.000	-.7461607	-.2954845
healthef	.4341559	.1311484	3.31	0.001	.1761887	.692123
near	-.1360871	.0431014	-3.16	0.002	-.2208669	-.0513072
chsize	-.1396909	.0502899	-2.78	0.006	-.2386106	-.0407713
icdxcnt	3.082991	.985552	3.13	0.002	1.144424	5.021559
_cons	40163.87	9958.671	4.03	0.000	20575.3	59752.44

```

329 . scalar tw3bf = e(r2_a)

330 . scalar list tw3bf
      tw3bf = .34404231

331 .

332 . set more off

333 . regress WHPel age educ2-educ7 ///
>     emplw32-emplw34 radchw3 ///
>     carcin healthef ///
>     near chsize icdxcnt if gender==1, vce(cluster id)

```

Linear regression

```

Number of obs =      340
F( 16,   339) =      7.71
Prob > F       =      0.0000
R-squared      =      0.1764
Root MSE      =      27.884

```

(Std. Err. adjusted for 340 clusters in id)

WHPel	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
age	.36425	.172106	2.12	0.035	.0257197	.7027802
educ2	19.62489	8.144793	2.41	0.017	3.604196	35.64559
educ3	24.8153	6.549382	3.79	0.000	11.93275	37.69784
educ4	20.87239	9.254133	2.26	0.025	2.669636	39.07515
educ5	29.14607	7.408083	3.93	0.000	14.57447	43.71767
educ6	24.80881	6.604278	3.76	0.000	11.81828	37.79933
educ7	14.20245	12.05288	1.18	0.239	-9.505396	37.9103
emplw32	5.040772	5.101898	0.99	0.324	-4.994592	15.07614
emplw33	7.636472	5.438431	1.40	0.161	-3.060848	18.33379
emplw34	-5.748799	6.149031	-0.93	0.350	-17.84386	6.346262
radchw3	.029516	.0484145	0.61	0.543	-.0657147	.1247467
carcin	-.5962181	.146627	-4.07	0.000	-.8846314	-.3078048
healthef	.616168	.1620102	3.80	0.000	.2974962	.9348399
near	-.0407626	.0488878	-0.83	0.405	-.1369242	.055399
chsize	-.0915662	.0641135	-1.43	0.154	-.2176766	.0345442
icdxcnt	4.644165	1.122234	4.14	0.000	2.436746	6.851584
_cons	-24.76154	12.84988	-1.93	0.055	-50.03707	.5139894

(Std. Err. adjusted for 340 clusters in id)

WHPel	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
age	.1217102	.1464617	0.83	0.407	-.1663779	.4097983
educ2	22.37493	12.72676	1.76	0.080	-2.65844	47.4083
educ3	22.23436	11.9254	1.86	0.063	-1.222748	45.69146
educ4	19.34461	12.60499	1.53	0.126	-5.449241	44.13845
educ5	28.34069	12.06047	2.35	0.019	4.617914	52.06346
educ6	24.73449	12.011	2.06	0.040	1.10902	48.35995
educ7	25.95312	15.73915	1.65	0.100	-5.005564	56.91181
emplw32	5.905683	4.066576	1.45	0.147	-2.093217	13.90458
emplw33	3.701983	4.812305	0.77	0.442	-5.763757	13.16772
emplw34	-6.054123	4.562305	-1.33	0.185	-15.02812	2.919869
radchw3	.1114297	.047236	2.36	0.019	.0185171	.2043423
bfmEL2	-1.445295	.5426682	-2.66	0.008	-2.512716	-.3778742
bfmEL4	-.4035927	.1263098	-3.20	0.002	-.6520424	-.1551429
bfmEL16	.0164658	.0069007	2.39	0.018	.0028922	.0300395
carcin	-.5208226	.1145601	-4.55	0.000	-.7461607	-.2954845
healthef	.4341559	.1311484	3.31	0.001	.1761887	.692123
near	-.1360871	.0431014	-3.16	0.002	-.2208669	-.0513072
chsize	-.1396909	.0502899	-2.78	0.006	-.2386106	-.0407713
icdxcnt	3.082991	.985552	3.13	0.002	1.144424	5.021559
_cons	40163.87	9958.671	4.03	0.000	20575.3	59752.44

```
342 .
343 .   foreach var in radchw3 bfmEL2 bfmEL4 bfmEL16 carcin healthef near chsize i
    > cdxcnt {
    2.   cap gen `var'Xd3 = `var'*avgcumdosew3
    3.   }
344 .
345 .   regress WHPel age educ2-educ7   ///
    >   emplw32-emplw34 radchw3   ///
    >   bfmEL2 bfmEL4 bfmEL16   ///
    >   carcin healthef   ///
    >   near chsize icdxcnt radchw3Xd3-icdxcntXd3 if gender==1, vce(cluster id)
```

Linear regression

```
Number of obs =      340
F( 27,  339) =    16.60
Prob > F       =    0.0000
R-squared      =    0.4401
Root MSE      =    23.392
```

(Std. Err. adjusted for 340 clusters in id)

WHPel	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
age	.0330411	.1389867	0.24	0.812	-.2403439	.3064261
educ2	23.87239	13.24576	1.80	0.072	-2.18184	49.92662
educ3	23.76199	12.50738	1.90	0.058	-.8398631	48.36384
educ4	20.33195	13.31649	1.53	0.128	-5.8614	46.52531
educ5	28.20355	12.69004	2.22	0.027	3.242402	53.16469
educ6	24.80417	12.52745	1.98	0.049	.1628516	49.44548
educ7	28.71336	16.16683	1.78	0.077	-3.086569	60.51329
emplw32	7.366042	4.040703	1.82	0.069	-.5819665	15.31405
emplw33	4.989851	4.645205	1.07	0.283	-4.147204	14.12691
emplw34	-6.368773	4.923183	-1.29	0.197	-16.05261	3.315062
radchw3	.3213555	.0661095	4.86	0.000	.1913191	.4513919
bfmEL2	-1.825621	.5354342	-3.41	0.001	-2.878813	-.772429
bfmEL4	-.2912571	.1428472	-2.04	0.042	-.5722356	-.0102787
bfmEL16	.014572	.0075064	1.94	0.053	-.0001931	.029337
carcin	-.0531967	.5098793	-0.10	0.917	-1.056122	.949729
healthef	-.0928404	.5166795	-0.18	0.858	-1.109142	.9234612
near	-.0894721	.05657	-1.58	0.115	-.2007445	.0218003
chsize	-.1635135	.0499294	-3.27	0.001	-.2617241	-.065303
icdxcnt	3.067216	1.225662	2.50	0.013	.6563565	5.478076
radchw3Xd3	-.2069428	.0478594	-4.32	0.000	-.3010815	-.112804
bfmEL2Xd3	.0890891	.0673933	1.32	0.187	-.0434726	.2216507
bfmEL4Xd3	-.0821843	.0591057	-1.39	0.165	-.1984444	.0340759
bfmEL16Xd3	-.0064216	.0122562	-0.52	0.601	-.0305294	.0176863
carcinXd3	-.9222289	1.209749	-0.76	0.446	-3.301788	1.457331
healthefXd3	.9904612	1.211948	0.82	0.414	-1.393423	3.374346
nearXd3	-.0473981	.0366268	-1.29	0.197	-.1194424	.0246463
icdxcntXd3	.4058024	.6463428	0.63	0.531	-.8655452	1.67715
_cons	46072.3	9745.201	4.73	0.000	26903.62	65240.98

346 .

347 .

```

348 . * there may have been one moderator effect in wave three:  of radchw3Xd3 on
    > Energy level
349 . centile radchw3 if gender==1, centile(33 67)

```

Variable	Obs	Percentile	Centile	— Binom. Interp. — [95% Conf. Interval]	
radchw3	340	33 67	30 60	20 50	30 70

```

350 . * our cut points are radchw3 = 30 and radchw3 = 60
351 .
352 . cap gen lowPoldose = avgcumdosew1 if radchw3 <= 30 & gender==1
353 . cap gen midPoldose = avgcumdosew1 if radchw3 > 30 & radchw3 < 60 & gender==1
354 . cap gen hiPoldose = avgcumdosew1 if radchw3 >= 60 & radchw3 < . & gender==
    > 1
355 .
356 . twoway lfit WHPel lowPoldose || lfit WHPel midPoldose || lfit WHPel hiPoldos
    > e, ///
    > title("Effect of belief in % pollution due to Chornobyl" "by dose on Ener
    > gy level in wave 3") ///
    > xti(average cumulative wave 3 dose of {superscript:137}CS in milliGrays
    > ) ///
    > ytitle(Energy level) lcolor(red green blue) lpattern(dash longdash soli
    > d) ///
    > legend(label(1 "1/3 or less of pollution due to Chornobyl") label(2 "1/
    > 3 to 2/3 of pollution due to Chornobyl") ///
    > label(3 "more than 2/3 pollution ndue to Chornobyl") rows(3))
357 . graph save ElpctpolXdosew3.gph, replace
    (file ElpctpolXdosew3.gph saved)
358 . graph export ELpctpolXdosew3.eps, replace
    (file ELpctpolXdosew3.eps written in EPS format)

```

```

359 .
360 .
361 .
362 .
363 .
364 . scalar tw3nobf = e(r2_a)

365 . scalar list tw3nobf
      tw3nobf = .39169032

366 .
367 . // r2 without bf = .153
368 .
369 .
370 . scalar tw3bfw3 = e(r2_a)

371 .
372 .
373 . // r2 with bf = .3109
374 .
375 . // r2 due to bf = .1579
376 .
377 . // comparison model is identical r2 : here we substituted the components
378 .
379 .
380 . scalar w3numbf = 3

381 .
382 . scalar r2chabfw3 = tw3bf - tw3nobf

383 . scalar avgImpBF = r2chabfw3/w3numbf

384 . scalar numModsw3 = 1

385 . scalar numMedsw3 = 4

386 .

```

```

387 . scalar list
W2maleELmed = age radfmw3 sleep, illww3 and Hp2sxlife
W2maleELMed = age and hp2sxlife
W1MaleELMed = radhlw1 and depagw1
w1maleELmods = age suprtw1 fdferw1 chsizew1 icdxcnt
w1numbmaleELmods = 5
w1nummaleElmods = 5
r2chabfw1 = .07938894
twbf2 = .48490811
twnobf = .26459544
FemPainDoseMedsw3 = age illw3 phlthw3 radfmw3 hospw3 and radhlw3
badout = 0
ckcrit = .31764707
pctvalid = 62.5
pctinvalid = 37.5
numMedFw2 = 1
FemPainW2Med = age
numbfsigfw2 = 9
dsigfw2 = 0
fw2 = .57745936
FemPainW1Meds = educ and age
numModsigFw1 = 0
numbfsigfw1 = 1
numMainEffsigFw1 = 5
dsigfw1 = 0
numMedPainDoseFsigw3 = 6
numbfsigTw3 = 15
numModsigTw3 = 0
numModsigFw3 = 0
numbfsigfw3 = 15
dsigtw3 = 0
numMedFw3 = 15
numMainEffsigTw3 = 16
dsigfw3 = 0
numMainEffsigFw3 = 16
fw3 = .63678289
numbfsigtw2 = 0
numMedMw2 = 2
w2numbf = 7
numbfsigTw2 = 9
tw2nobf = .26459544
numModsigTw2 = 3
tw2bf = .29409811
numMainEffsigTw2 = 5
dsigtw2 = 0
numbfsigMw2 = 0
numModsigFw2 = 2
numbfsigFw2 = 3
numMainEffsigFw2 = 8

```

```

    dsigFw2 =          .5
    mw2 =    .35574302
numModsigTw1 =          1
numMainEffsigTw1 =          5
numModsigMw1 =          0
    dsigtw1 =          3
numbfsigtw1 =          2
NumMainEffsigTw1 =          11
numbfsigMw1 =          1
numMainEffsigMw1 =          7
    Mw1 =    .28222811
    dsigMw1 =          1
    wv =          3
    pt =          1
    hyp =          1
W2FemaleELmed = age radfmw3 BSIanx BSIdep icdxcnt radhlw3 illw3 and Hp2sxlife
numMedsw3 =          4
numModsw3 =          1
    avgImpBF = -.01588267
    r2chabfw3 = -.04764801
    w3numbf =          3
    tw3bfbw3 =    .39169032
W2FemaleELMed = age and radfmw2 radhlw2 radchw2 illw2 BSIanx BSIdep icdxcnt hp
> 2sxlife
    tw3nobf =    .39169032
    tw3bf =    .34404231
    fw3wbf =    .33260096
numMedsw2 =          2
    tw2bfbw2 =    .48481206
avgImpBFw2 =    .07519191
    r2chabfw2 =    .22557574
NumMedsw2 =          2
numModsw2 =          0
w2numbfw2 =          3
    tw2nobfw2 =    .1308152
    tw2wbfbw2 =    .35639094
    fw2wbfbw2 =    .34555619
W1numMELMeds =          2
W1FemaleELMed = age icdxcnt BSIdep depagw1 BSIanx anxagw1 PTSDw1 HP2sxlife
w1numMElMeds =          2
w1nuFemaleElmods =          0
avgImpBFw1 =    .05367898
    w1numbf =          3
    r2chabf =    .16103694
    tw1nobf =    .18797502
    tw1bf =    .34901196
    fw1 =    .37964479

```

```

388 . matrix define MaleWHPelr2w3 = (fw3, tw3bf, tw3nofb, w3numbf, r2chabfw3, avg
    > ImpBF, numModsw3, numMedsw3)

389 . matrix colnames MaleWHPelr2w3 = FullBFR2a TR2aBF TR2aNoBF NumBF BFR2cha a
    > vgImpBF numModsw3 numMedsw3

390 . matrix rownames MaleWHPelr2w3 = wave3

391 . matlist MaleWHPelr2w3

    > F      numModsw3 | FullBFR2a      TR2aBF      TR2aNoBF      NumBF      BFR2cha      avgImpB
    -----|-----
    > wave3 | .6367829      .3440423      .3916903           3      -.047648      -.015882
    > 7      1      4

392 .
393 . matrix define MaleWHPelr2 = (MaleWHPelr2w1 \ MaleWHPelr2w2 \ MaleWHPelr2w3 )

394 . matlist MaleWHPelr2

    > F      w1numMods | FullBFR2a      TR2aBF      TR2aNoBF      NumBF      BFR2cha      AvgImpB
    -----|-----
    > wave1 | .3796448      .349012      .187975           3      .1610369      .05367
    > 9      5      2
    > wave2 | .5774594      .4848121      .1308152           3      .2255757      .075191
    > 9      5      2
    > wave3 | .6367829      .3440423      .3916903           3      -.047648      -.015882
    > 7      1      4

395 .
396 .
397 .
398 . title "Wave 3 male mediation analysis"

```


> *

```
401 .
402 . cap gen whpel = WHPel
403 . sem(avgcumdosew3->age)(age->whpel) if gender==1, nocapslatent
```

Endogenous variables

Observed: **age whpel**

Exogenous variables

Observed: **avgcumdosew3**

Fitting target model:

```
Iteration 0: log likelihood = -3772.2384
Iteration 1: log likelihood = -3772.2384
```

```
Structural equation model                Number of obs      =      340
Estimation method   = ml
Log likelihood      = -3772.2384
```

> _____						
			OIM			
		Coef.	Std. Err.	z	P> z	[95% Conf. Inter
> val]						
> _____						
Structural						
age <-						
avgcumdosew3		.5433648	.2465374	2.20	0.028	.0601605 1.02
> 6569						
_cons		48.52021	.7226029	67.15	0.000	47.10394 49.9
> 3649						
> _____						
> _____						
whpel <-						
age		.6520247	.1282979	5.08	0.000	.4005655 .903
> 4839						
_cons		-8.877521	6.501358	-1.37	0.172	-21.61995 3.86
> 4907						
> _____						
Variance						

e.age	146.8453	11.26252	126.3501	170.
e.whpel	833.5635	63.9314	717.2235	968.

LR test of model vs. saturated: $\chi^2(1) = 5.19$, Prob > $\chi^2 = 0.0227$

404 . sem(avgcumdosew3->illw3)(illw3->whpel) if gender==1, nocapslatent

Endogenous variables

Observed: **illw3 whpel**

Exogenous variables

Observed: **avgcumdosew3**

Fitting target model:

Iteration 0: log likelihood = **-2908.831**

Iteration 1: log likelihood = **-2908.831**

Structural equation model	Number of obs	=	340
Estimation method	=	ml	
Log likelihood	=	-2908.831	

	Coef.	OIM Std. Err.	z	P> z	[95% Conf. Inter
Structural					
illw3 <-					
avgcumdosew3	.038211	.0191573	1.99	0.046	.0006633 .075
_cons	.4504952	.0561503	8.02	0.000	.3404427 .560
whpel <-					
illw3	6.444621	1.678832	3.84	0.000	3.154171 9.73
_cons	19.98723	1.795737	11.13	0.000	16.46765 23.5

Variance					
e.illw3		.8866751	.0680049	.7629223	1.03
> 0502					
e.whpel		859.6273	65.93041	739.6496	999.
> 0665					

> _____
LR test of model vs. saturated: chi2(1) = 5.88, Prob > chi2 = 0.0153

405 . sem(avgcumdosew3->radchw3)(radchw3->whpel) if gender==1, nocapslatent

Endogenous variables

Observed: **radchw3 whpel**

Exogenous variables

Observed: **avgcumdosew3**

Fitting target model:

Iteration 0: log likelihood = -4130.718
Iteration 1: log likelihood = -4130.718

Structural equation model Number of obs = 340
Estimation method = ml
Log likelihood = -4130.718

> _____						
		OIM				
	Coef.	Std. Err.	z	P> z	[95% Conf. Inter	
> val]						
> _____						
Structural						
radchw3 <-						
avgcumdosew3	.6454152	.6824406	0.95	0.344	-.6921437	1.98
> 2974						
_cons	45.17233	2.000238	22.58	0.000	41.25193	49.0
> 9272						
> _____						
whpel <-						
radchw3	.0257932	.0483353	0.53	0.594	-.0689423	.120
> 5286						
_cons	22.00517	2.751446	8.00	0.000	16.61243	27.
> 3979						

```

> -----
Variance
    e.radchw3 |      1125.185    86.29778                968.1438    13
> 07.7
    e.whpel |      896.1341    68.73035                771.0611    1041
> .495
-----

```

```

> -----
LR test of model vs. saturated: chi2(1)    =      7.55, Prob > chi2 = 0.0060

```

```

406 . sem(avgcumdosew3->radhlw3)(radhlw3->whpel) if gender==1, nocapslatent

```

Endogenous variables

Observed: **radhlw3 whpel**

Exogenous variables

Observed: **avgcumdosew3**

Fitting target model:

Iteration 0: log likelihood = **-4134.7323**

Iteration 1: log likelihood = **-4134.7323**

```

Structural equation model                                Number of obs      =      340
Estimation method   = ml
Log likelihood       = -4134.7323

```

```

> -----
> val]
> -----
Structural
  radhlw3 <-
    avgcumdosew3 |      .9606492    .7203412    1.33    0.182    -.4511936    2.37
> 2492
    _cons |      46.19995    2.111326    21.88    0.000    42.06183    50.3
> 3807
> -----
  whpel <-
    radhlw3 |      .2412601    .0438412    5.50    0.000    .1553329    .327
> 1873
    _cons |      11.76196    2.595225    4.53    0.000    6.675408    16.
> 8485

```

```

> -----
Variance
    e.radhlw3 |      1253.634    96.14937                1078.665    1456
> .985
    e.whpel |      823.5333    63.16212                708.5932    957.
> 1177
> -----
LR test of model vs. saturated: chi2(1)    =      6.23, Prob > chi2 = 0.0126

```

```
407 . sem(avgcumdosew3->icdxcnt)(icdxcnt->whpel) if gender==1, nocapslatent
```

Endogenous variables

Observed: **icdxcnt whpel**

Exogenous variables

Observed: **avgcumdosew3**

Fitting target model:

Iteration 0: log likelihood = **-3091.7606**

Iteration 1: log likelihood = **-3091.7606**

Structural equation model

Number of obs = **340**

Estimation method = **ml**

Log likelihood = **-3091.7606**

```

> -----
              OIM
              Coef.   Std. Err.      z    P>|z|     [95% Conf. Inter
> val]
> -----
Structural
    icdxcnt <-
      avgcumdosew3 |      .0494693    .0341865     1.45   0.148    - .0175351    .116
> 4736
      _cons |      2.083835    .1002009    20.80   0.000     1.887445    2.28
> 0225
> -----
    whpel <-
      icdxcnt |      6.082854    .9053643     6.72   0.000     4.308372    7.85
> 7335
      _cons |     10.14823    2.469212     4.11   0.000     5.308668    14.

```

```

> 9878
+-----+
> -----
Variance
    e.icdxcnt |      2.823605    .2165606                2.429516    3.28
> 1619
    e.whpel |      791.7647    60.72558                681.2585    920.
> 1959
+-----+
> -----
LR test of model vs. saturated: chi2(1)    =      5.87, Prob > chi2 = 0.0154

```

```
408 . sem(avgcumdosew3->BSIdep)(BSIdep->whpel) if gender==1, nocapslatent
```

Endogenous variables

Observed: **BSIdep whpel**

Exogenous variables

Observed: **avgcumdosew3**

Fitting target model:

```

Iteration 0:  log likelihood = -3271.6012
Iteration 1:  log likelihood = -3271.6012

```

```

Structural equation model                                Number of obs      =      340
Estimation method   = ml
Log likelihood       = -3271.6012

```

```

+-----+
> -----
              OIM
              Coef.   Std. Err.      z    P>|z|     [95% Conf. Inter
> val]
+-----+
> -----
Structural
  BSIdep <-
    avgcumdosew3 |      .0604859    .0582607     1.04    0.299     -.053703    .174
> 6748
    _cons |      8.058645    .1707626    47.19    0.000     7.723957    8.39
> 3334
+-----+
> -----
  whpel <-
    BSIdep |      3.684326    .5298397     6.95    0.000     2.64586    4.72
> 2793

```

```

      _cons | -6.771654  4.568981  -1.48  0.138  -15.72669  2.18
> 3384
-----
Variance
      e.BSIdep |  8.200603  .6289576                7.05605  9.53
> 0814
      e.whpel | 785.2146  60.22321                675.6226  912.
> 5834
-----
LR test of model vs. saturated: chi2(1)  =      6.60, Prob > chi2 = 0.0102

```

```
409 . sem(avgcumdosew3->BSIanx)(BSIanx->whpel) if gender==1, nocapslatent
```

Endogenous variables

Observed: **BSIanx whpel**

Exogenous variables

Observed: **avgcumdosew3**

Fitting target model:

Iteration 0: log likelihood = **-3253.1084**

Iteration 1: log likelihood = **-3253.1084**

```

Structural equation model                      Number of obs      =      340
Estimation method   = ml
Log likelihood      = -3253.1084

```

```

> -----
              OIM
              Coef.   Std. Err.      z    P>|z|     [95% Conf. Inter
> val]
-----
> -----
Structural
      BSIanx <-
      avgcumdosew3 |  .0894878  .056116  1.59  0.111  -.0204976  .199
> 4732
      _cons |  7.511539  .1644766  45.67  0.000  7.189171  7.83
> 3907
-----
      whpel <-
      BSIanx |  4.239198  .539721  7.85  0.000  3.181364  5.29

```

```

> 7031
      _cons |  -9.114591   4.37601   -2.08   0.037  -17.69141   -.537
> 7688
-----|-----
> -----
Variance |
      e.BSIanx |  7.607966   .5835044                6.546127   8.84
> 2046
      e.whpel |  759.1408  58.22344                653.1879   882.
> 2802
-----|-----
> -----
LR test of model vs. saturated: chi2(1)   =      5.45, Prob > chi2 = 0.0195

```

```
410 . sem(avgcumdosew3->PTSDw3)(PTSDw3->whpel) if gender==1, nocapslatent
```

Endogenous variables

Observed: **PTSDw3 whpel**

Exogenous variables

Observed: **avgcumdosew3**

Fitting target model:

Iteration 0: log likelihood = **-3776.1898**

Iteration 1: log likelihood = **-3776.1898**

```

Structural equation model                                Number of obs      =      340
Estimation method   = ml
Log likelihood       = -3776.1898

```

```

> -----|-----
> -----|-----
> val]   |
> -----|-----
Structural
PTSDw3 <-
  avgcumdosew3 |  .0190223   .2434295   0.08   0.938   -.4580907   .496
> 1354
      _cons |  5.205553   .7134937   7.30   0.000   3.807131   6.60
> 3974
-----|-----
> -----|-----
whpel <- |

```

```

      PTSDw3 | .3901717 .1340795 2.91 0.004 .1273806 .652
> 9627      _cons | 21.15048 1.750796 12.08 0.000 17.71899 24.5
> 8198
-----
Variance
      e.PTSDw3 | 143.1663 10.98035          123.1846 166.
> 3891      e.whpel | 875.0895 67.1163          752.9537 1017
> .037
-----
LR test of model vs. saturated: chi2(1) = 7.80, Prob > chi2 = 0.0052

```

```
411 . sem(avgcumdosew3->radfmw3)(radfmw3->whpel) if gender==1, nocapslatent
```

Endogenous variables

Observed: **radfmw3 whpel**

Exogenous variables

Observed: **avgcumdosew3**

Fitting target model:

Iteration 0: log likelihood = **-4130.4495**

Iteration 1: log likelihood = **-4130.4495**

```

Structural equation model                      Number of obs      =      340
Estimation method = ml
Log likelihood      = -4130.4495

```

```

> -----
      Coef.      OIM      z      P>|z|      [95% Conf. Inter
      Std. Err.
> val]
-----
Structural
  radfmw3 <-
    avgcumdosew3 | 1.581248 .7074787 2.24 0.025 .1946154 2.96
> 7881
    _cons | 54.80546 2.073626 26.43 0.000 50.74123 58.8
> 6969
-----
> -----

```

```

    whpel <-
      radfmw3 | .2290481 .0446712 5.13 0.000 .1414942 .316
> 6021
      _cons | 10.19615 2.978464 3.42 0.001 4.358465 16.0
> 3383
-----
> -----
Variance
      e.radfmw3 | 1209.264 92.74633 1040.488 1405
> .418
      e.whpel | 832.5108 63.85067 716.3177 967.
> 5514
-----
> -----
LR test of model vs. saturated: chi2(1) = 5.14, Prob > chi2 = 0.0234

```

```
412 . sem(avgcumdosew3->radtlw3)(radtlw3->whpel) if gender==1, nocapslatent
```

Endogenous variables

Observed: **radtlw3 whpel**

Exogenous variables

Observed: **avgcumdosew3**

Fitting target model:

Iteration 0: log likelihood = **-4144.7956**

Iteration 1: log likelihood = **-4144.7956**

```

Structural equation model                                Number of obs      =      340
Estimation method   = ml
Log likelihood       = -4144.7956

```

```

> -----
      Coef.      OIM      Std. Err.      z      P>|z|      [95% Conf. Inter
> val]
-----
Structural
      radtlw3 <-
      avgcumdosew3 | .6410208 .7122484 0.90 0.368 -.7549604 2.03
> 7002
      _cons | 50.51592 2.087605 24.20 0.000 46.42429 54.6
> 0755
-----

```

```

> -----
      whpel <-
          radtlw3 |      .0507232   .0462559   1.10   0.273   -.0399366   .141
> 3831
          _cons |      20.58864   2.873801   7.16   0.000   14.95609   26.2
> 2118
-----
> -----
Variance
      e.radtlw3 |      1225.624   94.00109
> .431
      e.whpel |      893.7238   68.54548
> .694
-----
> -----
LR test of model vs. saturated: chi2(1)   =      7.42, Prob > chi2 = 0.0065

```

```

413 . sem(avgcumdosew3->anxagw3)(anxagw3->whpel) if gender==1, nocapslatent

```

Endogenous variables

Observed: **anxagw3 whpel**

Exogenous variables

Observed: **avgcumdosew3**

Fitting target model:

Iteration 0: log likelihood = **-3931.4484**

Iteration 1: log likelihood = **-3931.4484**

```

Structural equation model                                Number of obs      =      340
Estimation method   = ml
Log likelihood       = -3931.4484

```

```

> -----
          Coef.      OIM      Std. Err.      z    P>|z|      [95% Conf. Inter
> val]
-----
> -----
Structural
      anxagw3 <-
          avgcumdosew3 |      -.0782166   .3841032   -0.20   0.839   -.831045   .674
> 6118
          _cons |      10.00233   1.125809   8.88   0.000   7.795782   12.2
> 0887

```

> _____						
whpel <-						
anxagw3	.2416475	.0850174	2.84	0.004	.0750165	.408
> 2786						
_cons	20.79658	1.812757	11.47	0.000	17.24365	24.3
> 4952						
> _____						
Variance						
e.anxagw3	356.4431	27.33794			306.6946	414.
> 2614						
e.whpel	876.0681	67.19136			753.7958	1018
> .174						

> _____
LR test of model vs. saturated: chi2(1) = 8.04, Prob > chi2 = 0.0046

414 . sem(avgcumdosew3->HP2sxlife)(HP2sxlife->whpel) if gender==1, nocapslatent

Endogenous variables

Observed: **HP2sxlife whpel**

Exogenous variables

Observed: **avgcumdosew3**

Fitting target model:

Iteration 0: log likelihood = -2603.316

Iteration 1: log likelihood = -2603.316

Structural equation model Number of obs = 340

Estimation method = ml

Log likelihood = -2603.316

> _____						
		OIM				
	Coef.	Std. Err.	z	P> z	[95% Conf. Inter	
> val]						
> _____						
Structural						
HP2sxlife <-						
avgcumdosew3	.0181247	.0081232	2.23	0.026	.0022035	.034
> 0458						
_cons	.1808546	.0238091	7.60	0.000	.1341896	.227

```

> 5197
+-----+
> -----
whpel <-
  HP2sxlife | 25.39498  3.796194  6.69  0.000  17.95458  32.8
> 3539
      _cons | 18.0369  1.710147  10.55  0.000  14.68507  21.3
> 8873
+-----+
> -----
Variance
  e.HP2sxlife | .1594218  .0122271                .1371714  .185
> 2814
      e.whpel | 792.5673  60.78714                681.9491  921.
> 1287
+-----+
> -----
LR test of model vs. saturated: chi2(1)   =      4.62, Prob > chi2 = 0.0316

```

```

415 . sem(avgcumdosew3->drinkspww3)(drinkspww3->whpel) if gender==1, nocapslatent

```

Endogenous variables

Observed: **drinkspww3 whpel**

Exogenous variables

Observed: **avgcumdosew3**

Fitting target model:

Iteration 0: log likelihood = **-3213.6951**

Iteration 1: log likelihood = **-3213.6951**

Structural equation model

Number of obs = **340**

Estimation method = **ml**

Log likelihood = **-3213.6951**

	Coef.	OIM Std. Err.	z	P> z	[95% Conf. Inter	
> val]						
Structural						
drinkspww3 <-						
avgcumdosew3	-.013162	.0460949	-0.29	0.775	-.1035063	.077
> 1823						
_cons	2.038437	.1351044	15.09	0.000	1.773637	2.30
> 3237						
Variance						
e.drinkspww3	5.133335	.3937088			4.416878	5.96
> 6008						
e.whpel	892.2844	68.43509			767.7488	1037
> .021						
LR test of model vs. saturated: chi2(1) = 7.60, Prob > chi2 = 0.0058						

416 . sem(avgcumdosew3->depagw3)(depagw3->whpel) if gender==1, nocapslatent

Endogenous variables

Observed: **depagw3 whpel**

Exogenous variables

Observed: **avgcumdosew3**

Fitting target model:

Iteration 0: log likelihood = -3902.6711

Iteration 1: log likelihood = -3902.6711

Number of obs = 340

Log likelihood = -3902.6711

> _____

```
> val1
```

 $\geq$ _____

depagw3 <-						
avgcumdosew3	-0.0455259	0.3570454	-0.13	0.899	-0.7453221	0.654

> 2702

cons	9.564527	1.046503	9.14	0.000	7.51342	11.6
------	----------	----------	------	-------	---------	------

> 1564

 $\succ \text{---}$

depaqw3	.3643646	.0904096	4.03	0.000	.187165	.541
---------	----------	----------	------	-------	---------	------

> 5642

cons	19.72583	1.80464	10.93	0.000	16.1888	23.2
------	----------	---------	-------	-------	---------	------

> 6286

 $\geq$ _____

e.depaqw3	307.9933	23.62201	265.0069	357.
-----------	----------	----------	----------	------

> 9526

e.whpel	855.993	65.65167	736.5225	994.
---------	---------	----------	----------	------

> 8426

 $\geq$ _____

LR test of model vs. saturated: $\chi^2(1) = 8.21$, Prob > $\chi^2 = 0.0042$

```
417 . sem(avqcumdosew3->whpsleep)(whpsleep->whpel) if gender==1, nocapslatent
```

Endogenous variables

Observed: **whpsleep whpel**

Exogenous variables

Observed: **avgcumdosew3**

Fitting target model:

```
Iteration 0: log likelihood = -3986.3067
Iteration 1: log likelihood = -3986.3067
```

```
Structural equation model      Number of obs      =      340
Estimation method   = ml
Log likelihood       = -3986.3067
```

> _____						
		OIM				
	Coef.	Std. Err.	z	P> z	[95% Conf. Inter	
> val]						
> _____						
Structural						
whpsleep <-						
avgcumdosew3	1.000935	.501409	2.00	0.046	.0181913	1.98
> 3679						
_cons	16.07715	1.469634	10.94	0.000	13.19672	18.9
> 5758						
> _____						
whpel <-						
whpsleep	.551618	.0582892	9.46	0.000	.4373733	.665
> 8628						
_cons	13.64932	1.761942	7.75	0.000	10.19597	17.1
> 0266						
> _____						
Variance						
e.whpsleep	607.4055	46.58587			522.6302	705
> .932						
e.whpel	709.8956	54.44651			610.8158	825.
> 0469						
> _____						
LR test of model vs. saturated: chi2(1) = 4.39, Prob > chi2 = 0.0361						

```
418 . sem(avgcumdosew3->fdferw3)(fdferw3->whpel) if gender==1, nocapslatent
```

Endogenous variables

Observed: **fdferw3 whpel**

Exogenous variables

Observed: **avgcumdosew3**

Fitting target model:

```
Iteration 0:  log likelihood = -4040.0094
```

```
Iteration 1:  log likelihood = -4040.0094
```

Structural equation model

Number of obs = 340

```
Estimation method = ml
```

Log likelihood = -4040.0094

> _____						
> val]						
> _____						
Structural						
fdferw3 <-						
avgcumdosew3	.1781849	.532393	0.33	0.738	-.8652861	1.22
> 1656						
_cons	13.51816	1.560448	8.66	0.000	10.45974	16.5
> 7658						
> _____						
whpel <-						
fdferw3	.2204663	.0608924	3.62	0.000	.1011194	.339
> 8132						
_cons	20.16242	1.799859	11.20	0.000	16.63476	23.6
> 9008						
> _____						
Variance						
e.fdferw3	684.7926	52.52119			589.2164	795
> .872						
e.whpel	863.5891	66.23426			743.0584	1003
> .671						
> _____						
LR test of model vs. saturated: chi2(1) = 7.60, Prob > chi2 = 0.0058						

```
419 . sem(avgcumdosew3->goferw3)(goferw3-> whpel) if gender==1, nocapslatent
```

Endogenous variables

Observed: **goferw3 whpel**

Exogenous variables

Observed: **avgcumdosew3**

Fitting target model:

Iteration 0: log likelihood = **-3887.3471**

Iteration 1: log likelihood = **-3887.3471**

```
Structural equation model                Number of obs      =      340
Estimation method   = ml
Log likelihood      = -3887.3471
```

> _____							
			OIM				
		Coef.	Std. Err.	z	P> z	[95% Conf. Inter	
> val]							
> _____							
Structural							
goferw3 <-							
avgcumdosew3		.095501	.3362642	0.28	0.776	-.5635648	.754
> 5668							
_cons		6.413035	.985593	6.51	0.000	4.481308	8.34
> 4762							
> _____							
whpel <-							
goferw3		.2343573	.0974283	2.41	0.016	.0434013	.425
> 3132							
_cons		21.66037	1.731601	12.51	0.000	18.2665	25.0
> 5425							
> _____							
Variance							
e.goferw3		273.1843	20.95228			235.0561	317.
> 4972							
e.whpel		881.8769	67.63687			758.7938	1024
> .925							
> _____							
> _____							

LR test of model vs. saturated: chi2(1) = 7.60, Prob > chi2 = 0.0058

```

420 .
421 .
422 . scalar W2maleELmed = "age radfmw3 sleep, illww3 and Hp2sxlife"

423 .
424 .
425 . *****
> *****
426 . * Male dose energy level trimmed regression summary
427 . *-----
> ----
428 .
429 .
430 . regress WHPel age educ2-educ7 marrw11-marrw13 marrw14 marrw15 ///
>     dvcew1 sepaw1 ///
>     shhlw1 shhousw1 phlthw1 suprtw1 fdferw1 healthef carcin ///
>     dafter near chsize bfmEL2 bfmEL4 avgcumdosew1 if gender==1, vce(cluste
> r id)
note: marrw14 omitted because of collinearity

```

Linear regression	Number of obs =	338
	F(26, 337) =	28.75
	Prob > F =	0.0000
	R-squared =	0.3999
	Root MSE =	24.235

(Std. Err. adjusted for 338 clusters in id)

WHPel	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
age	.6183527	.1789293	3.46	0.001	.2663936	.9703117
educ2	28.60858	13.59443	2.10	0.036	1.867955	55.3492
educ3	24.51369	12.14821	2.02	0.044	.6178227	48.40956
educ4	16.35072	12.80356	1.28	0.202	-8.834237	41.53568
educ5	28.9029	12.71334	2.27	0.024	3.895399	53.9104
educ6	27.30635	12.23922	2.23	0.026	3.231458	51.38125
educ7	30.91241	16.01844	1.93	0.054	-.5963275	62.42114
marrw11	8.252166	6.389701	1.29	0.197	-4.316556	20.82089
marrw12	-21.77343	9.476595	-2.30	0.022	-40.41416	-3.132699
marrw13	-2.683305	7.703491	-0.35	0.728	-17.83629	12.46968
marrw14	0	(omitted)				
marrw15	23.10601	17.10609	1.35	0.178	-10.54214	56.75417
dvcew1	-35.61387	15.50512	-2.30	0.022	-66.11288	-5.114865
sepaw1	29.3133	15.12421	1.94	0.053	-.4364551	59.06305
shhlw1	-.1236706	.0606364	-2.04	0.042	-.2429441	-.0043971
shhousw1	.1308993	.0591896	2.21	0.028	.0144716	.247327

phlthw1	-.2333923	.10458	-2.23	0.026	-.439104	-.0276806
suprtw1	.0911964	.054574	1.67	0.096	-.0161523	.198545
fdferw1	.0724489	.0502409	1.44	0.150	-.0263764	.1712741
healthef	.6050029	.144275	4.19	0.000	.3212099	.8887959
carcin	-.6773415	.1273417	-5.32	0.000	-.9278262	-.4268568
dafter	.0289208	.0096676	2.99	0.003	.0099044	.0479372
near	-.1587829	.0438246	-3.62	0.000	-.2449871	-.0725786
chsize	-.1405867	.0500458	-2.81	0.005	-.2390282	-.0421451
bfmEL2	-1.161549	.5124324	-2.27	0.024	-2.169518	-.1535802
bfmEL4	-.4526092	.1175493	-3.85	0.000	-.6838321	-.2213863
avgcumdosew1	.9479496	1.057609	0.90	0.371	-1.132397	3.028296
_cons	35384.23	9604.502	3.68	0.000	16491.9	54276.56

431 . eststo wavel

432 .

433 .

434 . regress WHPel age educ2-educ7 marrw21-marrw23 marrw25 ///

> radchw2 ///

> havmil bfmEL2 bfmEL4 bfmEL16 ///

> carcin healthef ///

> suprtw2 ///

> near chsize icdxcnt avgcumdosew2 if gender==1, vce(cluster id)

Linear regression

Number of obs = 340

F(22, 339) = .

Prob > F = .

R-squared = 0.4045

Root MSE = 23.973

(Std. Err. adjusted for 340 clusters in id)

WHPel	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
age	.2444639	.1509855	1.62	0.106	-.0525226	.5414503
educ2	23.81448	14.42631	1.65	0.100	-4.561885	52.19084
educ3	20.90318	13.88876	1.51	0.133	-6.41583	48.22219
educ4	17.50249	14.43471	1.21	0.226	-10.8904	45.89537
educ5	28.35315	14.32404	1.98	0.049	.177969	56.52834
educ6	22.59929	14.0092	1.61	0.108	-4.956608	50.1552
educ7	24.80169	17.20361	1.44	0.150	-9.037576	58.64096
marrw21	-6.680446	7.4056	-0.90	0.368	-21.24716	7.886269
marrw22	-9.226101	9.356658	-0.99	0.325	-27.63052	9.178319
marrw23	-13.39345	6.897997	-1.94	0.053	-26.96171	.1748187
marrw25	-15.85136	10.92161	-1.45	0.148	-37.33403	5.631305
radchw2	.1171889	.0460525	2.54	0.011	.0266042	.2077737
havamil	.0276938	.0230684	1.20	0.231	-.0176815	.0730691

bfmEL2	-1.658865	.5270993	-3.15	0.002	-2.695663	-.6220683
bfmEL4	-.3829034	.1155964	-3.31	0.001	-.61028	-.1555268
bfmEL16	.026152	.015568	1.68	0.094	-.0044701	.0567741
carcin	-.5961421	.0855537	-6.97	0.000	-.7644251	-.427859
healthef	.5173553	.1010253	5.12	0.000	.31864	.7160707
suprtw2	.0674838	.035167	1.92	0.056	-.0016892	.1366568
near	-.1350195	.043128	-3.13	0.002	-.2198518	-.0501872
chsize	-.1400996	.0512046	-2.74	0.007	-.2408183	-.0393808
icdxcnt	3.037682	.987146	3.08	0.002	1.095979	4.979385
avgcumdosew2	.9919483	1.063382	0.93	0.352	-1.09971	3.083607
_cons	44177.84	9790.901	4.51	0.000	24919.27	63436.41

435 . eststo wave2

436 .

437 . regress WHPel age educ2-educ7 ///

> emplw32-emplw34 radchw3 ///

> bfmEL2 bfmEL4 bfmEL16 ///

> carcin healthef ///

> near chsize icdxcnt avgcumdosew3 if gender==1, vce(cluster id)

Linear regression

Number of obs = 340

F(19, 339) = .

Prob > F = .

R-squared = 0.3882

Root MSE = 24.183

(Std. Err. adjusted for 340 clusters in id)

WHPel	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
age	.0821968	.1405917	0.58	0.559	-.1943452	.3587387
educ2	21.60517	12.68285	1.70	0.089	-3.341816	46.55216
educ3	20.89634	11.80049	1.77	0.077	-2.315055	44.10774
educ4	18.78453	12.48737	1.50	0.133	-5.777964	43.34701
educ5	26.73457	12.07176	2.21	0.027	2.989569	50.47956
educ6	23.6122	11.84095	1.99	0.047	.3212192	46.90319
educ7	25.07642	15.59487	1.61	0.109	-5.598474	55.75132
emplw32	5.835635	4.073836	1.43	0.153	-2.177546	13.84882
emplw33	4.13417	4.756587	0.87	0.385	-5.221972	13.49031
emplw34	-5.317768	4.593888	-1.16	0.248	-14.35388	3.718346
radchw3	.107187	.0476161	2.25	0.025	.0135266	.2008473
bfmEL2	-1.525516	.538026	-2.84	0.005	-2.583806	-.4672265
bfmEL4	-.3830157	.1263966	-3.03	0.003	-.6316361	-.1343953
bfmEL16	.0142534	.0068219	2.09	0.037	.0008348	.027672
carcin	-.5277715	.1127965	-4.68	0.000	-.7496406	-.3059024
healthef	.4494254	.1303576	3.45	0.001	.1930139	.7058369

near	-.1328695	.0431034	-3.08	0.002	-.2176534	-.0480857
chsize	-.1464739	.0515933	-2.84	0.005	-.2479572	-.0449905
icdxcnt	3.022184	.9862839	3.06	0.002	1.082177	4.962191
avgcumdosew3	1.00055	.9390882	1.07	0.287	-.8466242	2.847723
_cons	41521.57	9861.935	4.21	0.000	22123.28	60919.86

438 . eststo wave3

```
439 . estout *, cells(b(star fmt(%9.3f)) se(par) p)          ///
>      stats(r2_a bic N, fmt(%9.3f %9.0g) labels(adjR^2 BIC))  ///
>      legend collabels(none) varlabels(_cons Constant)  ///
>      title("Trimmed Regression Models" ///
>      "of reconstructed dose on male energy level")
```

Trimmed Regression Models of reconstructed dose on male energy level

	wave1	wave2	wave3
age	0.618*** (0.179)	0.244 (0.151)	0.082 (0.141)
	0.001	0.106	0.559
educ2	28.609* (13.594)	23.814 (14.426)	21.605 (12.683)
	0.036	0.100	0.089
educ3	24.514* (12.148)	20.903 (13.889)	20.896 (11.800)
	0.044	0.133	0.077
educ4	16.351 (12.804)	17.502 (14.435)	18.785 (12.487)
	0.202	0.226	0.133
educ5	28.903* (12.713)	28.353* (14.324)	26.735* (12.072)
	0.024	0.049	0.027
educ6	27.306* (12.239)	22.599 (14.009)	23.612* (11.841)
	0.026	0.108	0.047
educ7	30.912 (16.018)	24.802 (17.204)	25.076 (15.595)
	0.054	0.150	0.109
marrw11	8.252 (6.390)		
	0.197		
marrw12	-21.773* (9.477)		
	0.022		
marrw13	-2.683 (7.703)		
	0.728		

o.marrw14	0.000 (.) .		
marrw15	23.106 (17.106) 0.178		
dvcew1	-35.614* (15.505) 0.022		
sepaw1	29.313 (15.124) 0.053		
shhlw1	-0.124* (0.061) 0.042		
shhousw1	0.131* (0.059) 0.028		
phlthw1	-0.233* (0.105) 0.026		
suprtw1	0.091 (0.055) 0.096		
fdferw1	0.072 (0.050) 0.150		
healthef	0.605*** (0.144) 0.000	0.517*** (0.101) 0.000	0.449*** (0.130) 0.001
carcin	-0.677*** (0.127) 0.000	-0.596*** (0.086) 0.000	-0.528*** (0.113) 0.000
dafter	0.029** (0.010) 0.003		
near	-0.159*** (0.044) 0.000	-0.135** (0.043) 0.002	-0.133** (0.043) 0.002
chsize	-0.141** (0.050) 0.005	-0.140** (0.051) 0.007	-0.146** (0.052) 0.005
bfmEL2	-1.162* (0.512) 0.024	-1.659** (0.527) 0.002	-1.526** (0.538) 0.005
bfmEL4	-0.453*** (0.118) 0.000	-0.383** (0.116) 0.001	-0.383** (0.126) 0.003
avgcumdosew1	0.948		

	(1.058)		
	0.371		
marrw21	-6.680		
	(7.406)		
	0.368		
marrw22	-9.226		
	(9.357)		
	0.325		
marrw23	-13.393		
	(6.898)		
	0.053		
marrw25	-15.851		
	(10.922)		
	0.148		
radchw2	0.117*		
	(0.046)		
	0.011		
havmil	0.028		
	(0.023)		
	0.231		
bfmEL16	0.026	0.014*	
	(0.016)	(0.007)	
	0.094	0.037	
suprtw2	0.067		
	(0.035)		
	0.056		
icdxcnt	3.038**	3.022**	
	(0.987)	(0.986)	
	0.002	0.002	
avgcumdosew2	0.992		
	(1.063)		
	0.352		
emplw32		5.836	
		(4.074)	
		0.153	
emplw33		4.134	
		(4.757)	
		0.385	
emplw34		-5.318	
		(4.594)	
		0.248	
radchw3		0.107*	
		(0.048)	
		0.025	
avgcumdosew3		1.001	
		(0.939)	
		0.287	
Constant	35384.229***	44177.838***	41521.571***
	(9604.502)	(9790.901)	(9861.935)

	0.000	0.000	0.000
adjR^2	0.350	0.361	0.350
BIC	3243.235	3240.196	3231.853
N	338	340	340

* p<0.05, ** p<0.01, *** p<0.001

```

440 .
441 .
442 . save chwide26june2012, replace
    file chwide26june2012.dta saved

```