```
 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 chwide25june2012, replace
   file chwide25june2012.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  gender==2  Female Dose => Energy Level Analysis"

   ********************************************************************************
   > *
   ********************************************************************************
   > *
   *****                                                                      ****
   > *
   *****                                                                      ****
   > *
   *****Hypothesis 1 part 1  gender==2  Female Dose => Energy Level Analysis ****
   > *
   *****                                                                      ****
   > *
   *****                                                                      ****
   > *
   *****                                          27 Jun 2012    13:01:35  ****
   > *
   ********************************************************************************
   > *
   ********************************************************************************
   > *


17 . /*
   >
   >               storage  display     value
   > variable name   type   format      label      variable label
   > ------------------------------------------------------------------------------
   > -------------------------------------------------------------
   > bffel1          float  %9.0g                  max(0, BSIdep-8)
   > bffel2          float  %9.0g                  max(0, BSIdep-15)
   > bffel3          float  %9.0g                 max(0, 23-BSIsoma)
   > bffel4          float  %9.0g                 max(0, phlthw3 - 40)
   >
   > . */
```

```
18 .
19 .
20 .
21 . title "Wave one Female full dose energy level response model"

   ********************************************************************************
   > *
   ********************************************************************************
   > *
   *****                                                                      ****
   > *
   *****                                                                      ****
   > *
   *****       Wave one Female full dose energy level response model          ****
   > *
   *****                                                                      ****
   > *
   *****                                                                      ****
   > *
   *****                                          27 Jun 2012    13:01:35  ****
   > *
   ********************************************************************************
   > *
   ********************************************************************************
   > *



22 .
23 .
24 . set more off

25 . des WHPel age educ2-educ7 marrw11-marrw13 marrw15 childw1 ///
   >   emplw12-emplw16 occ1w1-occ8w1 inc1w1-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 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**
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 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
icdxcnt	byte	%9.0g	count of icdx illnesses

```
26 .
27 . regress WHPel age educ2-educ7 marrw11-marrw13 marrw15 childw1 ///
   >   emplw12-emplw16 occ1w1-occ8w1 inc1w1-inc4w1 radhlw1 radchw1 ///
   >   radtlw1 havmil bffel1 bffel2 bffel3 bffel4 dvcew1 sepaw1 ///
   >    shhlw1 shhousw1 phlthw1 healthef suprtw1 fdferw1 carcin ///
   >    dafter near chsize polprw1 icdxcnt if gender==2, vce(cluster id)

Linear regression                               Number of obs =     350
                                                F( 49,   349) =       .
                                                Prob > F      =       .
                                                R-squared     =  0.5619
                                                Root MSE      =  24.793

                                   (Std. Err. adjusted for 350 clusters in id)
------------------------------------------------------------------------------
             |               Robust
       WHPel |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         age |    .3581802   .2304314     1.55   0.121    -.0950287    .8113892
       educ2 |   -3.176513    10.1981    -0.31   0.756    -23.23398    16.88095
       educ3 |   -6.076206   9.697939    -0.63   0.531    -25.14996    12.99755
       educ4 |   -1.748818   11.36909    -0.15   0.878    -24.10937    20.61174
       educ5 |   -6.556705    10.3202    -0.64   0.526    -26.85431     13.7409
       educ6 |   -13.12787   9.664623    -1.36   0.175     -32.1361    5.880362
       educ7 |   -13.53476   10.67858    -1.27   0.206    -34.53723    7.467717
     marrw11 |   -3.268576   8.489334    -0.39   0.700    -19.96527    13.42812
     marrw12 |    19.91573   20.37538     0.98   0.329    -20.15825    59.98972
     marrw13 |   -1.370632   8.654092    -0.16   0.874    -18.39137     15.6501
     marrw15 |    3.021799   14.34355     0.21   0.833    -25.18887    31.23247
     childw1 |   -.5707146   2.723264    -0.21   0.834    -5.926788    4.785359
     emplw12 |   -17.96331   8.551707    -2.10   0.036    -34.78268   -1.143948
     emplw13 |   -4.910494   10.01517    -0.49   0.624    -24.60818     14.7872
     emplw14 |   -28.42647   11.12458    -2.56   0.011    -50.30612   -6.546818
     emplw15 |   -27.52797   18.80301    -1.46   0.144    -64.50945      9.4535
     emplw16 |   -13.27984   9.334385    -1.42   0.156    -31.63856    5.078882
      occ1w1 |    23.06973   11.80577     1.95   0.051     -.149678    46.28914
      occ2w1 |    27.45263   12.16734     2.26   0.025     3.522092    51.38317
      occ3w1 |    28.43124   12.11925     2.35   0.020     4.595284    52.26719
      occ4w1 |    9.814561   14.19879     0.69   0.490    -18.11139    37.74051
      occ5w1 |    29.85758   13.17105     2.27   0.024     3.952959    55.76221
      occ6w1 |    18.54252   13.53064     1.37   0.171    -8.069329    45.15436
      occ7w1 |    17.91627   12.94302     1.38   0.167    -7.539867    43.37241
      occ8w1 |    34.32098   11.99587     2.86   0.004     10.72769    57.91428
      inc1w1 |   -16.55154   11.02627    -1.50   0.134    -38.23784    5.134768
      inc2w1 |   -16.28091   10.38545    -1.57   0.118    -36.70685    4.145039
      inc3w1 |   -14.35312   10.40721    -1.38   0.169    -34.82185    6.115619
      inc4w1 |   -8.570411   11.74561    -0.73   0.466     -31.6715    14.53068
     radhlw1 |     .032698   .0501006     0.65   0.514    -.0658392    .1312351
     radchw1 |   -.0810577   .0508193    -1.60   0.112    -.1810083    .0188929
```

radtlw1	.1196773	.0570859	2.10	0.037	.0074015	.231953
havmil	-.0166635	.003645	-4.57	0.000	-.0238325	-.0094946
bffel1	1.427263	.8046789	1.77	0.077	-.1553668	3.009893
bffel2	-1.820147	1.70863	-1.07	0.287	-5.180655	1.54036
bffel3	-2.616717	.425491	-6.15	0.000	-3.453566	-1.779868
bffel4	-.6361129	.0984763	-6.46	0.000	-.8297946	-.4424313
dvcew1	5.77235	10.84434	0.53	0.595	-15.55613	27.10083
sepaw1	-5.010019	11.94655	-0.42	0.675	-28.50632	18.48628
shhlw1	-.1221177	.0603823	-2.02	0.044	-.2408766	-.0033587
shhousw1	.0894347	.0571508	1.56	0.119	-.0229685	.2018379
phlthw1	.0927782	.0829149	1.12	0.264	-.0702975	.2558538
healthef	-.1076179	.1706571	-0.63	0.529	-.4432637	.228028
suprtw1	.0585543	.0552135	1.06	0.290	-.0500387	.1671473
fdferw1	.0288636	.0459341	0.63	0.530	-.061479	.1192061
carcin	.0401806	.1674621	0.24	0.811	-.2891812	.3695423
dafter	.1095747	.3658742	0.30	0.765	-.6100211	.8291705
near	.0038776	.0471381	0.08	0.934	-.0888329	.0965881
chsize	.1234944	.0583914	2.11	0.035	.0086512	.2383376
polprw1	-.1082472	.0520369	-2.08	0.038	-.2105925	-.0059019
icdxcnt	.0562743	.7585439	0.07	0.941	-1.435618	1.548167
_cons	59.3146	22.06628	2.69	0.008	15.91499	102.7142

```
28 .
29 . scalar fw1 = e(r2_a)

30 . scalar list fw1
         fw1 =  .48697432

31 . *  R^2 for full model wave 1
32 .
33 . title "wave 1 trimmed Female model with basis functions"


*******************************************************************************
> *
*******************************************************************************
> *
*****                                                                     ****
> *
*****                                                                     ****
> *
*****          wave 1 trimmed Female model with basis functions           ****
> *
*****                                                                     ****
> *
*****                                                                     ****
> *
*****                                          27 Jun 2012    13:01:35  ****
```

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


34 .
35 . set more off

36 . des WHPel age educ2-educ7 marrw11-marrw13 marrw15 childw1 ///
>   emplw12-emplw16 occ1w1-occ8w1 inc1w1-inc4w1 radhlw1 radchw1 ///
>   radtlw1 havmil bffel1-bffel4  sufamw1 mhlthw1 polprw1 BSIdep PTSDw1 BSIsom
> a ///
>    havmil bffel3-bffel4 chsize

              storage  display     value
variable name   type   format      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 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
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
bffel1	float	%9.0g		max(0, BSIdep-8)
bffel2	float	%9.0g		max(0, BSIdep-15)
bffel3	float	%9.0g		max(0, 23-BSIsoma)
bffel4	float	%9.0g		max(0, phlthw3 - 40)
sufamw1	byte	%8.0g		Level of support (in percent) from family in 1986
mhlthw1	byte	%8.0g		level of general psychological/mental health in 1986
polprw1	byte	%8.0g		consider hazardous (in percent) - political problems in 1986
BSIdep	byte	%9.0g		Basic symptom inventory Depression subscale
PTSDw1	byte	%9.0g		Average PTSD level in percent in wave 1
BSIsoma	byte	%9.0g		Basic symptom inventory obsessive compulsive subscale
havmil	double	%9.0g		Distance from Chornobyl in miles
bffel3	float	%9.0g		max(0, 23-BSIsoma)
bffel4	float	%9.0g		max(0, phlthw3 - 40)
chsize	byte	%8.0g	*	the radioactive fallout from chornobyl affected more people than the radioactive

```
37 .
38 . // Proper model trimming leads to this model
39 . set more off

40 .  regress WHPel age   ///
   >   occ1w1-occ8w1  aborw1 sufamw1  ///
   >    mhlthw1 polprw1 BSIdep PTSDw1 BSIsoma ///
   >    havmil bffel3-bffel4 chsize  ///
   >    if gender==2, vce(cluster id)

Linear regression                               Number of obs =     362
                                                F( 20,   361) =   26.96
                                                Prob > F      =  0.0000
                                                R-squared     =  0.5441
                                                Root MSE      =  23.934

                                   (Std. Err. adjusted for 362 clusters in id)
------------------------------------------------------------------------------
             |               Robust
      WHPel |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         age |   .3548024   .1807147     1.96   0.050    -.0005834    .7101881
      occ1w1 |   6.356939   5.547726     1.15   0.253    -4.552981    17.26686
      occ2w1 |    13.78803   6.353217     2.17   0.031      1.29407      26.282
      occ3w1 |   10.19734   6.687232     1.52   0.128    -2.953482    23.34816
      occ4w1 |  -4.351233   9.478563    -0.46   0.646    -22.99137     14.2889
      occ5w1 |   14.30527   7.799833     1.83   0.067    -1.033551    29.64408
      occ6w1 |   5.418764   8.604011     0.63   0.529    -11.50151    22.33904
      occ7w1 |   9.870142   7.123611     1.39   0.167    -4.138845    23.87913
      occ8w1 |   18.26142   5.586413     3.27   0.001     7.275417    29.24742
      aborw1 |  -3.334419   1.199607    -2.78   0.006    -5.693516   -.9753226
     sufamw1 |   .1373661   .0561722     2.45   0.015     .0269003    .2478319
     mhlthw1 |    .139497   .0685513     2.03   0.043      .004687    .2743071
     polprw1 |  -.0701861   .0403543    -1.74   0.083    -.1495452     .009173
      BSIdep |   .7929998   .4403479     1.80   0.073    -.0729695    1.658969
      PTSDw1 |   .1184992     .04486     2.64   0.009     .0302795     .206719
     BSIsoma |  -2.950011   1.465183    -2.01   0.045    -5.831378   -.0686447
      havmil |  -.0168667   .0043287    -3.90   0.000    -.0253794    -.008354
      bffel3 |  -5.812855   1.623438    -3.58   0.000    -9.005438   -2.620273
      bffel4 |  -.5318201    .085265    -6.24   0.000    -.6994985   -.3641416
      chsize |   .1118328   .0479726     2.33   0.020     .0174918    .2061737
       _cons |   87.40266   37.82631     2.31   0.021     13.01506    161.7903
------------------------------------------------------------------------------
```

```
41 .
42 .
43 . // Construction of a matrix for scalar storage for each retreival
44 .
45 . matrix define FemaleWHPelr2 = J(4,7,0)

46 . matrix colnames FemaleWHPelr2 = FullBFR2a TR2aBF  TR2aNoBF  NumBF  BFR2cha N
   > umMods NumMeds

47 . matrix rownames FemaleWHPelr2 = wave1  wave2  wave3  avg

48 . matlist FemaleWHPelr2

             | 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

49 .
50 .
51 .
52 . scalar tw1bf = e(r2_a)

53 . scalar list tw1bf
       tw1bf =  .51733462

54 . scalar list
   W2FemaleELmed = age radfmw3 BSIanx BSIdep icdxcnt radhlw3 illw3 and Hp2sxlife
    numMedsw3 =          8
    numModsw3 =          0
     avgImpBF =  .11029749
    r2chabfw3 =  .22059497
      w3numbf =          2
      tw3bfw3 =  .47297697
   W2FemaleELMed = age and radfmw2 radhlw2 radchw2 illw2 BSIanx BSIdep icdxcnt hp
   > 2sxlife
      tw3nobf =  .27136786
        tw3bf =  .49196283
       fw3wbf =   .5038513
    numMedsw2 =          9
      tw2bfw2 =  .48481206
```

```
avgImpBFw2 = -.00825204
 r2chabfw2 = -.01650409
 NumMedsw2 =          9
 numModsw2 =          0
 w2numbfw2 =          2
 tw2nobfw2 =  .48481206
  tw2wbfw2 =  .46830797
  fw2wbfw2 =  .49768384
W1numMELMeds =          8
W1FemaleELMed = age icdxcnt BSIdep depagw1 BSIanx anxagw1 PTSDw1 HP2sxlife
w1numMElMeds =          2
w1nuFemaleElmods =          0
avgImpBFw1 =  .04665114
   w1numbf =          2
   r2chabf =  .09330229
   tw1nobf =  .42403233
     tw1bf =  .51733462
       fw1 =  .48697432

55 .
56 . * tw1bf  r2 for trimmed model with basis functions
57 .
58 . set more off

59 . regress WHPel age   ///
>   occ1w1-occ8w1  aborw1 sufamw1  ///
>    mhlthw1 polprw1 BSIdep PTSDw1 BSIsoma ///
>    havmil chsize  ///
>    if gender==2, vce(cluster id)

Linear regression                               Number of obs =     362
                                                F( 18,   361) =   16.38
                                                Prob > F      =  0.0000
                                                R-squared     =  0.4528
                                                Root MSE      =  26.145

                                   (Std. Err. adjusted for 362 clusters in id)
------------------------------------------------------------------------------
             |               Robust
      WHPel |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         age |   .6474675   .1862775     3.48   0.001     .2811421    1.013793
      occ1w1 |   4.291956   6.365131     0.67   0.501    -8.225438    16.80935
      occ2w1 |   13.09096   7.218977     1.81   0.071    -1.105573    27.28749
      occ3w1 |   12.70651   7.837041     1.62   0.106    -2.705478     28.1185
      occ4w1 |  -.0714026   9.482339    -0.01   0.994    -18.71896    18.57616
      occ5w1 |   6.970517   9.796574     0.71   0.477      -12.295    26.23604
      occ6w1 |   8.294908   9.172062     0.90   0.366    -9.742476    26.33229
      occ7w1 |   12.34567   8.113512     1.52   0.129    -3.610017    28.30135
```

occ8w1	17.69577	6.507772	2.72	0.007	4.897866	30.49368
aborw1	-4.670512	1.472417	-3.17	0.002	-7.566104	-1.774919
sufamw1	.1371705	.069259	1.98	0.048	.0009687	.2733724
mhlthw1	.027576	.0712396	0.39	0.699	-.1125207	.1676726
polprw1	-.0471945	.0436499	-1.08	0.280	-.1330346	.0386456
BSIdep	1.200387	.4741899	2.53	0.012	.2678658	2.132909
PTSDw1	.1466054	.0474874	3.09	0.002	.0532188	.2399921
BSIsoma	2.477549	.4290329	5.77	0.000	1.633831	3.321267
havmil	-.0128881	.0032789	-3.93	0.000	-.0193362	-.00644
chsize	.1264834	.0509502	2.48	0.014	.0262869	.2266799
_cons	-67.61545	12.68281	-5.33	0.000	-92.55692	-42.67399

```
60 .
61 .
62 .
63 .
64 .
65 .
66 .
67 . scalar tw1nobf = e(r2_a)

68 .
69 . // r2 for trimmed model without basis functions = .183
70 . scalar r2chabf = tw1bf-tw1nobf

71 . * R^ change due to basis functions
72 . scalar list
   W2FemaleELmed = age radfmw3 BSIanx BSIdep icdxcnt radhlw3 illw3 and Hp2sxlife
    numMedsw3 =          8
    numModsw3 =          0
     avgImpBF =  .11029749
    r2chabfw3 =  .22059497
      w3numbf =          2
      tw3bfw3 =  .47297697
   W2FemaleELMed = age and radfmw2 radhlw2 radchw2 illw2 BSIanx BSIdep icdxcnt hp
   > 2sxlife
      tw3nobf =  .27136786
        tw3bf =  .49196283
       fw3wbf =   .5038513
    numMedsw2 =          9
      tw2bfw2 =  .48481206
   avgImpBFw2 = -.00825204
    r2chabfw2 = -.01650409
    NumMedsw2 =          9
    numModsw2 =          0
    w2numbfw2 =          2
    tw2nobfw2 =  .48481206
     tw2wbfw2 =  .46830797
```

```
  fw2wbfw2 =  .49768384
W1numMELMeds =          8
W1FemaleELMed = age icdxcnt BSIdep depagw1 BSIanx anxagw1 PTSDw1 HP2sxlife
w1numMElMeds =          2
w1nuFemaleElmods =          0
avgImpBFw1 =  .04665114
   w1numbf =          2
   r2chabf =  .09330229
   tw1nobf =  .42403233
     tw1bf =  .51733462
       fw1 =  .48697432

73 . scalar w1numbf= 2

74 .
75 . scalar avgImpBFw1 = r2chabf/w1numbf

76 . * avgImpBF = average improvement per basis function
77 .
78 .
79 .
80 . scalar w1nuFemaleElmods=0

81 . scalar w1numMElMeds=2

82 . *
83 . matrix define FemaleWHPelr2w1 = (fw1, tw1bf, tw1nobf, w1numbf,  r2chabf, avg
   > ImpBFw1, w1nuFemaleElmods, w1numMElMeds)

84 . matrix colnames FemaleWHPelr2w1 = FullBFR2a TR2aBF  TR2aNoBF  NumBF  BFR2cha
   >   AvgImpBF  w1numMods w1numMeds

85 . matrix rownames FemaleWHPelr2w1 = wave1

86 . matlist FemaleWHPelr2w1

             | FullBFR2a     TR2aBF   TR2aNoBF      NumBF    BFR2cha   AvgImpB
   > F  w1numMods  w1numMeds
   -------------+------------------------------------------------------------
   > ------------------------
         wave1 |  .4869743   .5173346   .4240323          2   .0933023   .046651
   > 1          0          2
```

```
87 .
88 . title2 "Wave 1 Female moderation analysis"
```

title2: Wave 1 Female moderation analysis
Date and time: 27 Jun 2012 13:01:35
Working directory: /Users/robertyaffee
> /Documents/data/research/chwk/phase3/Htests/H1tests/H1pt1/work
Stata data file: chwide25june2012.dta
> has 4156 variables and 703 observations

Wave 1 Female moderation analysis

```
89 .
90 . foreach var in borw1  PTSDw1 havmil chsize icdxcnt {
  2.  cap  gen `var'Xd1 = `var'* avgcumdosew1
  3.     }

91 .
92 . regress WHPel age educ2-educ7 aborw1  PTSDw1 ///
>     havmil chsize havmilXd1 if gender==2, vce(cluster id)
```

Linear regression — Number of obs = **363**
F(11, 362) = **.**
Prob > F = **.**
R-squared = **0.2693**
Root MSE = **29.943**

(Std. Err. adjusted for **363** clusters in id)

WHPel	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
age	**.8109791**	**.1569304**	**5.17**	**0.000**	**.5023694**	**1.119589**
educ2	**-12.78673**	**7.553939**	**-1.69**	**0.091**	**-27.64185**	**2.068381**
educ3	**-10.76705**	**5.018766**	**-2.15**	**0.033**	**-20.63665**	**-.8974532**
educ4	**-13.24275**	**9.052003**	**-1.46**	**0.144**	**-31.04386**	**4.558367**
educ5	**-31.63312**	**5.816545**	**-5.44**	**0.000**	**-43.07158**	**-20.19466**
educ6	**-25.03442**	**5.158808**	**-4.85**	**0.000**	**-35.17942**	**-14.88942**
educ7	**-6.029473**	**4.42113**	**-1.36**	**0.173**	**-14.7238**	**2.664851**
aborw1	**-6.511769**	**1.303168**	**-5.00**	**0.000**	**-9.074499**	**-3.949038**
PTSDw1	**.2359235**	**.0493586**	**4.78**	**0.000**	**.138858**	**.3329891**
havmil	**-.013899**	**.0056197**	**-2.47**	**0.014**	**-.0249504**	**-.0028476**
chsize	**.2060565**	**.0548797**	**3.75**	**0.000**	**.0981335**	**.3139796**
havmilXd1	**.014027**	**.0112101**	**1.25**	**0.212**	**-.0080181**	**.0360721**
_cons	**-6.711597**	**11.2114**	**-0.60**	**0.550**	**-28.75924**	**15.33605**

```
 93 .
 94 . * There are really no moderators in wave one
 95 .
 96 .
 97 .
 98 .
 99 . title "Wave 1 Female mediation analysis"

   ********************************************************************************
   > *
   ********************************************************************************
   > *
   *****                                                                      ****
   > *
   *****                                                                      ****
   > *
   *****                  Wave 1 Female mediation analysis                    ****
   > *
   *****                                                                      ****
   > *
   *****                                                                      ****
   > *
   *****                                          27 Jun 2012    13:01:35  ****
   > *
   ********************************************************************************
   > *
   ********************************************************************************
   > *


100 .
101 . title "age  and illness count (icdxct) depression (BSIdep ) anxiety (BSIanx
    > and anxagw1) PTSDw1 Hp2sex life depression depagw1 are possible Female media
    > tors of energy level in wave 1"
```

```
*************************************************************************
> *
*************************************************************************
> *
*****                                                               ****
> *
*****                                                               ****
> *
*****age  and illness count (icdxct) depression (BSIdep ) anxiety (BSIanx and
> anxagw1) PTSDw1 Hp2sex life depression depagw1 are possible Female mediators
>  of energy level in wave 1*****
*****                                                               ****
> *
*****                                                               ****
> *
*****                                          27 Jun 2012    13:01:35  ****
> *
*************************************************************************
> *
*************************************************************************
> *



102 .
103 . cap gen whpel = WHPel

104 . sem(avgcumdosew1->age)(age->whpel) if gender==2, nocapslatent

    Endogenous variables

    Observed:  age whpel

    Exogenous variables

    Observed:  avgcumdosew1

    Fitting target model:

    Iteration 0:   log likelihood = -3480.9421
    Iteration 1:   log likelihood = -3480.9421

    Structural equation model                       Number of obs      =       363
    Estimation method  = ml
    Log likelihood     = -3480.9421
```

```
------------------------------------------------------------------------------
> ------
                    |                 OIM
                    |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Inter
> val]
------------------------------------------------------------------------------
> ------
Structural          |
  age <-            |
    avgcumdosew1    |   3.973879   1.114596     3.57   0.000      1.78931    6.15
> 8447
          _cons     |   48.88157   .7167212    68.20   0.000     47.47682    50.2
> 8632
  ------------------+-----------------------------------------------------------
> ------
  whpel <-          |
            age     |   .9770812   .1434361     6.81   0.000     .6959517    1.25
> 8211
          _cons     |   -17.2271   7.400508    -2.33   0.020    -31.73183   -2.72
> 2368
------------------------------------------------------------------------------
> ------
Variance            |
           e.age    |   135.7032   10.07284                      117.3297    156.
> 9539
         e.whpel    |   1048.966   77.86154                      906.9413    1213
> .231
------------------------------------------------------------------------------
> ------
LR test of model vs. saturated: chi2(1)   =      1.54, Prob > chi2 = 0.2151

105 . sem(avgcumdosew1->illw1)(illw1->whpel) if gender==2, nocapslatent

Endogenous variables

Observed:  illw1 whpel

Exogenous variables

Observed:  avgcumdosew1

Fitting target model:

Iteration 0:   log likelihood = -2353.6833
Iteration 1:   log likelihood = -2353.6833
```

```
Structural equation model                       Number of obs      =       363
Estimation method  = ml
Log likelihood     = -2353.6833

------------------------------------------------------------------------------
             |                 OIM
             |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
Structural   |
  illw1 <-   |
    avgcumdosew1 |   .0655142   .0473479     1.38   0.166    -.0272859    .1583144
       _cons |   .1570822   .0304462     5.16   0.000     .0974087    .2167556
-------------+----------------------------------------------------------------
  whpel <-   |
       illw1 |   8.068414   3.613828     2.23   0.026     .9854413    15.15127
       _cons |   30.39216   1.906228    15.94   0.000     26.65602    34.12831
-------------+----------------------------------------------------------------
Variance     |
      e.illw1 |   .2448817   .0181768                      .211726    .2832294
      e.whpel |   1167.031   86.62516                     1009.021    1349.785
------------------------------------------------------------------------------
LR test of model vs. saturated: chi2(1)   =      4.81, Prob > chi2 = 0.0283
```

```
106 . sem(avgcumdosew1->radchw1)(radchw1->whpel) if gender==2, nocapslatent

Endogenous variables

Observed:  radchw1 whpel

Exogenous variables

Observed:  avgcumdosew1

Fitting target model:
```

```
Iteration 0:   log likelihood = -3923.5926
Iteration 1:   log likelihood = -3923.5926

Structural equation model                       Number of obs      =       363
Estimation method  = ml
Log likelihood     = -3923.5926

------------------------------------------------------------------------------
> ----
             |                 OIM
             |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Inter
> val]
-------------+----------------------------------------------------------------
> ----
Structural   |
  radchw1 <- |
    avgcumdo~1 |   3.622756    3.55317     1.02   0.308    -3.34133    10.5
> 8684
       _cons |   60.18119   2.284803    26.34   0.000     55.70306    64.6
> 5933
-------------+----------------------------------------------------------------
> ----
  whpel <-   |
       radchw1 |  -.0112273   .0485404    -0.23   0.817    -.1063646    .083
> 9101
       _cons |   32.52623   3.484297     9.34   0.000     25.69714    39.3
> 5533
-------------+----------------------------------------------------------------
> ----
Variance     |
      e.radc~1 |   1379.072   102.3643                      1192.353    1595
> .031
      e.whpel |   1182.882   87.80176                      1022.726    1368
> .118
-------------+----------------------------------------------------------------
> ----
LR test of model vs. saturated: chi2(1)   =      5.53, Prob > chi2 = 0.0187
```

```
107 . sem(avgcumdosew1->radhlw1)(radhlw1->whpel) if gender==2, nocapslatent
    (1 observations with missing values excluded;
     specify option 'method(mlmv)' to use all observations)

    Endogenous variables

    Observed:  radhlw1 whpel

    Exogenous variables

    Observed:  avgcumdosew1

    Fitting target model:

    Iteration 0:   log likelihood =  -3911.802
    Iteration 1:   log likelihood =  -3911.802

    Structural equation model                       Number of obs      =       362
    Estimation method  = ml
    Log likelihood     =  -3911.802

    ------------------------------------------------------------------------------
    > ----
                     |                 OIM
                     |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Inter
    > val]
    -----------------+------------------------------------------------------------
    > ----
    Structural       |
      radhlw1 <-     |
        avgcumdosew1 |   3.789972     3.5524     1.07   0.286    -3.172604    10.7
    > 5255
               _cons |   55.44948   2.287412    24.24   0.000     50.96623    59.9
    > 3272
      -----------------+------------------------------------------------------------
    > ----
      whpel <-       |
             radhlw1 |   .0777596   .0484667     1.60   0.109    -.0172334    .172
    > 7526
               _cons |   27.51405   3.287017     8.37   0.000     21.07161    33.9
    > 5648
    -----------------+------------------------------------------------------------
    > ----
    Variance         |
           e.radhlw1 |   1377.647   102.3997                      1190.882    1593
    > .703
            e.whpel |   1175.161   87.34901                      1015.846    1359
    > .461
    ------------------------------------------------------------------------------
```

```
> ─────
LR test of model vs. saturated: chi2(1)   =      4.99, Prob > chi2 = 0.0255

108 . sem(avgcumdosew1->icdxcnt)(icdxcnt->whpel) if gender==2, nocapslatent

Endogenous variables

Observed:  icdxcnt whpel

Exogenous variables

Observed:  avgcumdosew1

Fitting target model:

Iteration 0:   log likelihood = -2909.5796
Iteration 1:   log likelihood = -2909.5796

Structural equation model                       Number of obs      =       363
Estimation method  = ml
Log likelihood     = -2909.5796

─────────────────┬──────────────────────────────────────────────────────────────
> ─────
                 │                 OIM
                 │      Coef.   Std. Err.      z    P>|z|     [95% Conf. Inter
> val]
─────────────────┼──────────────────────────────────────────────────────────────
> ─────
Structural       │
  icdxcnt <-     │
    avgcumdosew1 │   .4524905   .2207196     2.05   0.040      .019888    .885
> 0931
           _cons │   3.013471   .1419298    21.23   0.000     2.735293    3.29
> 1648
  ───────────────┼──────────────────────────────────────────────────────────────
> ─────
  whpel <-       │
         icdxcnt │    2.53141   .7666649     3.30   0.001     1.028775    4.03
> 4046
           _cons │   23.82427   3.008826     7.92   0.000     17.92708    29.7
> 2146
─────────────────┼──────────────────────────────────────────────────────────────
> ─────
Variance         │
       e.icdxcnt │   5.321535   .3950014                      4.601028    6.15
> 4873
         e.whpel │   1148.561   85.25421                      993.0521    1328
> .423
```

```
LR test of model vs. saturated: chi2(1)   =      4.10, Prob > chi2 = 0.0429

109 . sem(avgcumdosew1->BSIdep)(BSIdep->whpel) if gender==2, nocapslatent

Endogenous variables

Observed:  BSIdep whpel

Exogenous variables

Observed:  avgcumdosew1

Fitting target model:

Iteration 0:   log likelihood = -3042.0105
Iteration 1:   log likelihood = -3042.0105

Structural equation model                       Number of obs      =       363
Estimation method  = ml
Log likelihood     = -3042.0105
```

	OIM Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
Structural						
BSIdep <-						
avgcumdosew1	1.380465	.3522431	3.92	0.000	.6900812	2.07
_cons	9.192477	.2265037	40.58	0.000	8.748538	9.63
whpel <-						
BSIdep	4.186388	.4271144	9.80	0.000	3.349259	5.02
_cons	-8.585374	4.425493	-1.94	0.052	-17.25918	.088
Variance						
e.BSIdep	13.55315	1.006009			11.71812	15.6
e.whpel	935.476	69.43754			808.8175	1081

```
> .969
─────────────────┬──────────────────────────────────────────────────────────────
> ────
LR test of model vs. saturated: chi2(1)   =      0.43, Prob > chi2 = 0.5127
```

110 . sem(avgcumdosew1->BSIanx)(BSIanx->whpel) if gender==2, nocapslatent

```
Endogenous variables

Observed:  BSIanx whpel

Exogenous variables

Observed:  avgcumdosew1

Fitting target model:

Iteration 0:   log likelihood = -3040.3061
Iteration 1:   log likelihood = -3040.3061

Structural equation model                       Number of obs      =       363
Estimation method  = ml
Log likelihood     = -3040.3061

─────────────────┬──────────────────────────────────────────────────────────────
> ────
                 │                 OIM
                 │      Coef.   Std. Err.      z    P>|z|     [95% Conf. Inter
> val]
─────────────────┼──────────────────────────────────────────────────────────────
> ────
Structural       │
  BSIanx <-      │
    avgcumdosew1 │   1.528414   .3399598     4.50   0.000     .8621048    2.19
> 4723
           _cons │   8.465151   .2186051    38.72   0.000     8.036693    8.89
> 3609
  ───────────────┼──────────────────────────────────────────────────────────────
> ────
  whpel <-       │
          BSIanx │   3.757288   .4534895     8.29   0.000     2.868465    4.64
> 6111
           _cons │  -1.895869   4.395133    -0.43   0.666    -10.51017    6.71
> 8433
─────────────────┼──────────────────────────────────────────────────────────────
> ────
Variance         │
        e.BSIanx │   12.62438   .9370693                       10.9151    14.6
> 0132
```

```
         e.whpel |   994.9118   73.84928                      860.206    1150
> .712
-----------------+------------------------------------------------------------
> ----
LR test of model vs. saturated: chi2(1)   =      0.42, Prob > chi2 = 0.5149

111 . sem(avgcumdosew1->PTSDw1)(PTSDw1->whpel) if gender==2, nocapslatent

Endogenous variables

Observed:  PTSDw1 whpel

Exogenous variables

Observed:  avgcumdosew1

Fitting target model:

Iteration 0:   log likelihood = -3863.0688
Iteration 1:   log likelihood = -3863.0688

Structural equation model                       Number of obs      =       363
Estimation method  = ml
Log likelihood     = -3863.0688

-----------------+------------------------------------------------------------
> ----
                 |                 OIM
                 |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Inter
> val]
-----------------+------------------------------------------------------------
> ----
Structural       |
  PTSDw1 <-      |
    avgcumdosew1 |   13.50282   3.095226     4.36   0.000     7.436293    19.5
> 6936
           _cons |   13.41722    1.99033     6.74   0.000     9.516244    17.3
> 1819
  ---------------+------------------------------------------------------------
> ----
  whpel <-       |
         PTSDw1  |   .2453114   .0528524     4.64   0.000     .1417226    .348
> 9001
           _cons |   27.43415   1.994072    13.76   0.000     23.52584    31.3
> 4246
-----------------+------------------------------------------------------------
> ----
Variance         |
        e.PTSDw1 |   1046.501    77.6786                      904.8104     121
```

```
> 0.38
         e.whpel |   1116.779   82.89511                      965.573    1291
> .663
-----------------+------------------------------------------------------------
> ----
LR test of model vs. saturated: chi2(1)   =      1.95, Prob > chi2 = 0.1630

112 . sem(avgcumdosew1->radfmw1)(radfmw1->whpel) if gender==2, nocapslatent

Endogenous variables

Observed:  radfmw1 whpel

Exogenous variables

Observed:  avgcumdosew1

Fitting target model:

Iteration 0:   log likelihood = -3916.1557
Iteration 1:   log likelihood = -3916.1557

Structural equation model                       Number of obs      =       363
Estimation method  = ml
Log likelihood     = -3916.1557

-----------------+------------------------------------------------------------
> ----
                 |                 OIM
                 |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Inter
> val]
-----------------+------------------------------------------------------------
> ----
Structural       |
  radfmw1 <-     |
    avgcumdosew1 |   2.653658   3.496441     0.76   0.448     -4.19924    9.50
> 6556
           _cons |   59.16475   2.248324    26.32   0.000     54.75811    63.5
> 7138
  ---------------+------------------------------------------------------------
> ----
  whpel <-       |
         radfmw1 |   .0886878    .049143     1.80   0.071    -.0076307    .185
> 0064
           _cons |   26.51076   3.455465     7.67   0.000     19.73817    33.2
> 8334
-----------------+------------------------------------------------------------
> ----
Variance         |
```

```
       e.radfmw1 |   1335.388   99.12176                      1154.583    1544
> .505
         e.whpel |   1172.536   87.03382                      1013.781    1356
> .152
-----------------+------------------------------------------------------------
> ----
LR test of model vs. saturated: chi2(1)   =      5.17, Prob > chi2 = 0.0229

113 . sem(avgcumdosew1->radtlw1)(radtlw1->whpel) if gender==2, nocapslatent

Endogenous variables

Observed:  radtlw1 whpel

Exogenous variables

Observed:  avgcumdosew1

Fitting target model:

Iteration 0:   log likelihood = -3934.4079
Iteration 1:   log likelihood = -3934.4079

Structural equation model                       Number of obs      =       363
Estimation method  = ml
Log likelihood     = -3934.4079

-----------------+------------------------------------------------------------
> ----
                 |                 OIM
                 |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Inter
> val]
-----------------+------------------------------------------------------------
> ----
Structural       |
  radtlw1 <-     |
    avgcumdosew1 |   1.429625   3.662884     0.39   0.696    -5.749497    8.60
> 8746
           _cons |   61.53962   2.355353    26.13   0.000     56.92321    66.1
> 5603
  ---------------+------------------------------------------------------------
> ----
  whpel <-       |
         radtlw1 |  -.0333556   .0471149    -0.71   0.479     -.125699    .058
> 9879
           _cons |    33.9056   3.434076     9.87   0.000     27.17494    40.6
> 3627
-----------------+------------------------------------------------------------
> ----
```

```
Variance            |
       e.radtlw1    |   1465.553   108.7835                      1267.125    1695
> .054
         e.whpel    |   1181.425   87.69362                      1021.467    1366
> .433
---------------------+------------------------------------------------------------
> ----
LR test of model vs. saturated: chi2(1)   =      5.53, Prob > chi2 = 0.0187

114 . sem(avgcumdosew1->anxagw1)(anxagw1->whpel) if gender==2, nocapslatent

Endogenous variables

Observed:  anxagw1 whpel

Exogenous variables

Observed:  avgcumdosew1

Fitting target model:

Iteration 0:   log likelihood = -3884.0018
Iteration 1:   log likelihood = -3884.0018

Structural equation model                       Number of obs      =       363
Estimation method  = ml
Log likelihood     = -3884.0018

---------------------+------------------------------------------------------------
> ----
                     |                 OIM
                     |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Inter
> val]
---------------------+------------------------------------------------------------
> ----
Structural           |
  anxagw1 <-         |
    avgcumdosew1     |    14.8864   3.280074     4.54   0.000     8.457573    21.3
> 1523
               _cons |   17.37449   2.109193     8.24   0.000     13.24055    21.5
> 0843
  -------------------+------------------------------------------------------------
> ----
  whpel <-           |
          anxagw1    |   .2323267   .0497551     4.67   0.000     .1348085    .329
> 8449
               _cons |   26.63996   2.076817    12.83   0.000     22.56948    30.7
> 1045
---------------------+------------------------------------------------------------
```

```
> ———
Variance        |
       e.anxagw1 |   1175.228   87.23363                      1016.109    1359
> .266
         e.whpel |   1116.023   82.83903                      964.9198     129
> 0.79
----------------+------------------------------------------------------------
> ———
LR test of model vs. saturated: chi2(1)   =      1.83, Prob > chi2 = 0.1766

115 . sem(avgcumdosew1->HP2sxlife)(HP2sxlife->whpel) if gender==2, nocapslatent

Endogenous variables

Observed:  HP2sxlife whpel

Exogenous variables

Observed:  avgcumdosew1

Fitting target model:

Iteration 0:   log likelihood = -2268.6776
Iteration 1:   log likelihood = -2268.6776

Structural equation model                       Number of obs      =       363
Estimation method  = ml
Log likelihood     = -2268.6776

----------------+------------------------------------------------------------
> ———
                |                 OIM
                |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Inter
> val]
----------------+------------------------------------------------------------
> ———
Structural      |
  HP2sxlife <-  |
    avgcumdosew1 |   .1577149   .0410881     3.84   0.000     .0771836    .238
> 2462
          _cons |    .206037    .026421     7.80   0.000     .1542528    .257
> 8212
  --------------+------------------------------------------------------------
> ———
  whpel <-      |
      HP2sxlife |   33.30725   3.731965     8.92   0.000     25.99274    40.6
> 2177
          _cons |    23.2119   1.899102    12.22   0.000     19.48973    26.9
> 3407
```

```
-------------------+------------------------------------------------------------
> -----
Variance           |
     e.HP2sxlife |   .1844114   .0136883                      .1594431    .213
> 2897
         e.whpel |   970.1719   72.01291                      838.8157    1122
> .098
-------------------+------------------------------------------------------------
> -----
LR test of model vs. saturated: chi2(1)   =      0.68, Prob > chi2 = 0.4107

116 . sem(avgcumdosew1->drinkspww1)(drinkspww1->whpel) if gender==2, nocapslatent

Endogenous variables

Observed:  drinkspww1 whpel

Exogenous variables

Observed:  avgcumdosew1

Fitting target model:

Iteration 0:   log likelihood =  -2778.339
Iteration 1:   log likelihood =  -2778.339

Structural equation model                       Number of obs      =       363
Estimation method  = ml
Log likelihood     =  -2778.339

-------------------+------------------------------------------------------------
> -----
                   |                 OIM
                   |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Inter
> val]
-------------------+------------------------------------------------------------
> -----
Structural         |
  drinkspww1 <-    |
    avgcumdosew1 |   .1642368    .151599     1.08   0.279    -.1328918    .461
> 3653
           _cons |   .5564659    .097483     5.71   0.000     .3654026    .747
> 5291
  -----------------+------------------------------------------------------------
> -----
  whpel <-         |
      drinkspww1 |  -.8021985   1.136782    -0.71   0.480    -3.030249    1.42
> 5852
           _cons |   32.32752   1.933385    16.72   0.000     28.53815    36.1
```

```
> 1688
-------------------+----------------------------------------------------------------
> -----
Variance           |
    e.drinkspww1 |   2.510427   .1863414                      2.170528    2.90
> 3553
         e.whpel |   1181.436    87.6944                      1021.476    1366
> .445
-------------------+----------------------------------------------------------------
> -----
LR test of model vs. saturated: chi2(1)   =      5.67, Prob > chi2 = 0.0173

117 . sem(avgcumdosew1->depagw1)(depagw1->whpel) if gender==2, nocapslatent

Endogenous variables

Observed:  depagw1 whpel

Exogenous variables

Observed:  avgcumdosew1

Fitting target model:

Iteration 0:   log likelihood = -3798.3515
Iteration 1:   log likelihood = -3798.3515

Structural equation model                       Number of obs      =       363
Estimation method  = ml
Log likelihood     = -3798.3515

-------------------+----------------------------------------------------------------
> -----
                   |                 OIM
                   |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Inter
> val]
-------------------+----------------------------------------------------------------
> -----
Structural         |
  depagw1 <-       |
    avgcumdosew1 |   13.80922   2.592668     5.33   0.000     8.727682    18.8
> 9075
           _cons |   7.956292   1.667169     4.77   0.000     4.688701    11.2
> 2388
  -----------------+----------------------------------------------------------------
> -----
  whpel <-         |
         depagw1 |    .294709   .0622707     4.73   0.000     .1726608    .416
> 7573
```

```
            _cons |   28.12667   1.91945    14.65   0.000     24.36461    31.8
> 8872
------------------+------------------------------------------------------------
> ------
Variance          |
       e.depagw1 |    734.258   54.50174                      634.8434    849.
> 2407
         e.whpel |     1114.3   82.71109                      963.4296    1288
> .796
------------------+------------------------------------------------------------
> ------
LR test of model vs. saturated: chi2(1)   =      1.36, Prob > chi2 = 0.2433

118 .
119 . scalar W1FemaleELMed = "age icdxcnt BSIdep depagw1 BSIanx anxagw1 PTSDw1 HP2
    > sxlife"

120 . scalar W1numMELMeds = 8

121 . *------------------------------------------------------------------------
122 .
123 .
124 . // wave 2 model
125 .
126 . set more off

127 . regress WHPel age educ2-educ7 marrw21-marrw23 marrw25 childw2 ///
    >   emplw22-emplw26 occ1w2-occ8w2 inc1w2-inc4w2 radhlw2 radchw2 ///
    >   radtlw2 havmil bffel1 bffel2 bffel3 bffel4  ///
    >    carcin healthef ///
    >     dvcew2 sepaw2 BSIdep anxagw2 PTSDw2 BSIanx depagw2 ///
    >    shhlw2 shhousw2 phlthw2 suprtw2 fdferw2 ///
    >    dafter chsize polprw2 icdxcnt HP2sxlife  if gender==2, vce(cluster id)

Linear regression                               Number of obs =     355
                                                F( 54,   354) =       .
                                                Prob > F      =       .
                                                R-squared     =  0.5771
                                                Root MSE      =  24.507
```

(Std. Err. adjusted for **355** clusters in id)

WHPel	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
age	-.1068869	.1966316	-0.54	0.587	-.4935999	.2798261
educ2	-10.34626	12.65222	-0.82	0.414	-35.22923	14.5367
educ3	-7.127082	10.79289	-0.66	0.509	-28.35332	14.09916
educ4	-2.99677	13.01623	-0.23	0.818	-28.59564	22.6021
educ5	-5.39923	11.25813	-0.48	0.632	-27.54045	16.74199
educ6	-11.43586	11.3686	-1.01	0.315	-33.79435	10.92263
educ7	-15.28659	12.53201	-1.22	0.223	-39.93314	9.359962
marrw21	-19.82878	10.75211	-1.84	0.066	-40.97483	1.31727
marrw22	-5.971769	14.70914	-0.41	0.685	-34.90006	22.95652
marrw23	-9.919321	9.505973	-1.04	0.297	-28.6146	8.775961
marrw25	-1.883252	10.85145	-0.17	0.862	-23.22466	19.45816
childw2	-3.150521	2.534198	-1.24	0.215	-8.134498	1.833455
emplw22	1.578517	7.484023	0.21	0.833	-13.14022	16.29725
emplw23	9.925836	8.154839	1.22	0.224	-6.112189	25.96386
emplw24	-11.12118	11.60986	-0.96	0.339	-33.95415	11.71178
emplw25	16.08366	11.35797	1.42	0.158	-6.253912	38.42124
emplw26	-.061231	9.419723	-0.01	0.995	-18.58689	18.46442
occ1w2	20.91387	6.35219	3.29	0.001	8.421098	33.40665
occ2w2	22.32914	6.727076	3.32	0.001	9.099085	35.5592
occ3w2	22.18832	7.151898	3.10	0.002	8.122769	36.25387
occ4w2	15.20135	11.24216	1.35	0.177	-6.908475	37.31118
occ5w2	28.24231	8.631686	3.27	0.001	11.26648	45.21814
occ6w2	17.04381	10.54457	1.62	0.107	-3.694065	37.78168
occ7w2	14.0835	8.628222	1.63	0.104	-2.885516	31.05252
occ8w2	21.63182	7.593708	2.85	0.005	6.697365	36.56627
inc1w2	-15.53355	7.074761	-2.20	0.029	-29.4474	-1.619705
inc2w2	-16.74168	6.653587	-2.52	0.012	-29.82721	-3.656146
inc3w2	-20.49552	6.65081	-3.08	0.002	-33.57558	-7.415447
inc4w2	-20.62978	11.76015	-1.75	0.080	-43.75832	2.498762
radhlw2	-.0279887	.0579758	-0.48	0.630	-.142009	.0860315
radchw2	-.1218406	.0512437	-2.38	0.018	-.2226209	-.0210602
radtlw2	.1254035	.0585581	2.14	0.033	.0102379	.240569
havmil	-.0129913	.0036077	-3.60	0.000	-.0200865	-.0058961
bffel1	-3.5096	2.476286	-1.42	0.157	-8.379681	1.360481
bffel2	-.5251721	1.895017	-0.28	0.782	-4.252078	3.201734
bffel3	-2.266984	.4864609	-4.66	0.000	-3.223701	-1.310267
bffel4	-.4790062	.1114982	-4.30	0.000	-.6982885	-.259724
carcin	-.0639558	.1520739	-0.42	0.674	-.3630378	.2351261
healthef	.0092817	.1525045	0.06	0.952	-.2906469	.3092104
dvcew2	-8.343258	9.798888	-0.85	0.395	-27.61461	10.9281
sepaw2	11.53779	11.26898	1.02	0.307	-10.62477	33.70035
BSIdep	3.621987	1.97002	1.84	0.067	-.2524265	7.496401
anxagw2	-.084679	.0863561	-0.98	0.327	-.2545144	.0851564
PTSDw2	-.2124897	.1805438	-1.18	0.240	-.567563	.1425836

BSIanx	.3482156	.6447901	0.54	0.590	-.9198853	1.616316
depagw2	.0609948	.0978344	0.62	0.533	-.1314149	.2534045
shhlw2	.0128787	.0526291	0.24	0.807	-.0906263	.1163837
shhousw2	.0064083	.0471652	0.14	0.892	-.0863509	.0991675
phlthw2	-.1118759	.105659	-1.06	0.290	-.3196742	.0959224
suprtw2	.0240845	.0398639	0.60	0.546	-.0543154	.1024845
fdferw2	.0886934	.0596412	1.49	0.138	-.0286021	.2059889
dafter	.0828818	.3079988	0.27	0.788	-.5228558	.6886193
chsize	.136951	.0593591	2.31	0.022	.0202101	.2536919
polprw2	-.1166591	.0427531	-2.73	0.007	-.2007411	-.0325771
icdxcnt	-.4091866	.7025396	-0.58	0.561	-1.790863	.9724894
HP2sxlife	8.363739	4.371452	1.91	0.057	-.2335421	16.96102
_cons	66.50329	27.16827	2.45	0.015	13.07179	119.9348

```
128 .
129 . scalar fw2wbfw2 = e(r2_a)

130 . set more off

131 .
132 .
133 . // Trimmed model with basis functions
134 . regress WHPel age ///
    >    havmil  bffel3 bffel4 ///
    >     polprw2  chsize  HP2sxlife  if gender==2, vce(cluster id)

Linear regression                               Number of obs =     363
                                                F(  7,   362) =   58.81
                                                Prob > F      =  0.0000
                                                R-squared     =  0.4948
                                                Root MSE      =  24.722

                                   (Std. Err. adjusted for 363 clusters in id)
```

WHPel	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
age	-.0397477	.1364791	-0.29	0.771	-.3081392	.2286438
havmil	-.0139845	.0030378	-4.60	0.000	-.0199586	-.0080105
bffel3	-2.70741	.3753929	-7.21	0.000	-3.445635	-1.969185
bffel4	-.5260092	.0876125	-6.00	0.000	-.6983026	-.3537157
polprw2	-.1025442	.0342069	-3.00	0.003	-.1698134	-.0352749
chsize	.1093234	.0463116	2.36	0.019	.0182499	.2003969
HP2sxlife	12.32939	4.048777	3.05	0.002	4.36731	20.29147
_cons	68.563	9.202705	7.45	0.000	50.46552	86.66047

```
135 . scalar tw2bfw2 = e(r2_a)

136 .
137 . // r2 without basis functions = .2097
138 . set more off

139 . regress WHPel age   bffel3 bffel4 ///
>    havmil polprw2 chsize HP2sxlife  if gender==2, vce(cluster id)

Linear regression                               Number of obs =     363
                                                F(  7,   362) =   58.81
                                                Prob > F      =  0.0000
                                                R-squared     =  0.4948
                                                Root MSE      =  24.722

                                   (Std. Err. adjusted for 363 clusters in id)
------------------------------------------------------------------------------
             |               Robust
      WHPel |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
------------+-----------------------------------------------------------------
        age |  -.0397477   .1364791    -0.29   0.771    -.3081392    .2286438
     bffel3 |   -2.70741   .3753929    -7.21   0.000    -3.445635   -1.969185
     bffel4 |  -.5260092   .0876125    -6.00   0.000    -.6983026   -.3537157
     havmil |  -.0139845   .0030378    -4.60   0.000    -.0199586   -.0080105
    polprw2 |  -.1025442   .0342069    -3.00   0.003    -.1698134   -.0352749
     chsize |   .1093234   .0463116     2.36   0.019     .0182499    .2003969
   HP2sxlife |   12.32939   4.048777     3.05   0.002      4.36731    20.29147
       _cons |     68.563   9.202705     7.45   0.000     50.46552    86.66047
------------------------------------------------------------------------------

140 .
141 . scalar tw2nobfw2 = e(r2_a)

142 . scalar w2numbfw2 = 2

143 . scalar list tw2nobfw2
    tw2nobfw2 =  .48481206
```

```
144 .
145 . scalar numModsw2 = 1

146 . scalar NumMedsw2= 9

147 .
148 . scalar r2chabfw2 = tw2wbfw2 - tw2nobfw2

149 . scalar avgImpBFw2 = r2chabfw2/w2numbfw2

150 . * avgImpBF = average improvement per basis function
151 . scalar list
    W2FemaleELmed = age radfmw3 BSIanx BSIdep icdxcnt radhlw3 illw3 and Hp2sxlife
     numMedsw3 =          8
     numModsw3 =          0
      avgImpBF =  .11029749
     r2chabfw3 =  .22059497
       w3numbf =          2
       tw3bfw3 =  .47297697
    W2FemaleELMed = age and radfmw2 radhlw2 radchw2 illw2 BSIanx BSIdep icdxcnt hp
    > 2sxlife
       tw3nobf =  .27136786
         tw3bf =  .49196283
        fw3wbf =   .5038513
     numMedsw2 =          9
       tw2bfw2 =  .48481206
    avgImpBFw2 = -.00825204
     r2chabfw2 = -.01650409
     NumMedsw2 =          9
     numModsw2 =          1
     w2numbfw2 =          2
     tw2nobfw2 =  .48481206
      tw2wbfw2 =  .46830797
      fw2wbfw2 =  .49768384
    W1numMELMeds =          8
    W1FemaleELMed = age icdxcnt BSIdep depagw1 BSIanx anxagw1 PTSDw1 HP2sxlife
    w1numMElMeds =          2
    w1nuFemaleElmods =          0
    avgImpBFw1 =  .04665114
       w1numbf =          2
       r2chabf =  .09330229
       tw1nobf =  .42403233
         tw1bf =  .51733462
           fw1 =  .48697432
```

```
152 . matrix define FemaleWHPelr2w2 = (fw2wbfw2, tw2bfw2, tw2nobfw2, w2numbfw2,  r
    > 2chabfw2, avgImpBFw2, numModsw2, NumMedsw2)

153 . matrix colnames FemaleWHPelr2w2 = FullBFR2aw2 TR2aBFw2  TR2aNoBFw2  NumBFw2
    >  BFR2chaw2  AvgImpBFw2 NumModsw2 NumMedsw2

154 . matrix rownames FemaleWHPelr2w2 = wave2

155 . matlist FemaleWHPelr2w2

             | FullBFR~2   TR2aBFw2  TR2aNoB~2    NumBFw2  BFR2chaw2  AvgImpB~
    > 2  NumModsw2  NumMedsw2
    -------------+------------------------------------------------------------
    > -------------------------
           wave2 |  .4976838   .4848121   .4848121          2  -.0165041   -.00825
    > 2          1           9

156 .
157 . matrix define FemaleWHPelr2 = (FemaleWHPelr2w1 \ FemaleWHPelr2w2)

158 . matlist FemaleWHPelr2

             | FullBFR2a     TR2aBF   TR2aNoBF      NumBF    BFR2cha   AvgImpB
    > F  w1numMods  w1numMeds
    -------------+------------------------------------------------------------
    > -------------------------
           wave1 |  .4869743   .5173346   .4240323          2   .0933023   .046651
    > 1          0           2
           wave2 |  .4976838   .4848121   .4848121          2  -.0165041   -.00825
    > 2          1           9

159 .
160 .
161 . title "Wave 2 Female  moderator analysis"


    ********************************************************************************
    > *
    ********************************************************************************
    > *
    *****                                                                    ****
    > *
    *****                                                                    ****
    > *
    *****                  Wave 2 Female  moderator analysis                 ****
    > *
    *****                                                                    ****
    > *
    *****                                                                    ****
```

```
> *
*****                                                  27 Jun 2012    13:01:38  ****
> *
********************************************************************************
> *
********************************************************************************
> *


162 .
163 .
164 . // Trimmed model with basis functions
165 . regress WHPel age  ///
>    havmil bffel3 bffel4  ///
>    polprw2 HP2sxlife chsize if gender==2, vce(cluster id)

Linear regression                                      Number of obs =     363
                                                       F(  7,   362) =   58.81
                                                       Prob > F      =  0.0000
                                                       R-squared     =  0.4948
                                                       Root MSE      =  24.722

                                          (Std. Err. adjusted for 363 clusters in id)
------------------------------------------------------------------------------
             |               Robust
      WHPel |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         age |  -.0397477   .1364791    -0.29   0.771    -.3081392    .2286438
      havmil |  -.0139845   .0030378    -4.60   0.000    -.0199586   -.0080105
      bffel3 |   -2.70741   .3753929    -7.21   0.000    -3.445635   -1.969185
      bffel4 |  -.5260092   .0876125    -6.00   0.000    -.6983026   -.3537157
    polprw2  |  -.1025442   .0342069    -3.00   0.003    -.1698134   -.0352749
   HP2sxlife |   12.32939   4.048777     3.05   0.002     4.36731    20.29147
      chsize |   .1093234   .0463116     2.36   0.019     .0182499    .2003969
       _cons |     68.563   9.202705     7.45   0.000     50.46552    86.66047
------------------------------------------------------------------------------
```

```
166 .
167 . foreach var in bffel3 bffel4 polprw2 HP2sxlife chsize {
      2.   cap gen `var'Xd2 = `var'*avgcumdosew2
      3.   }

168 .
169 .
170 . // Trimmed model with basis functions
171 . regress WHPel age  havmil bffel3 bffel4  ///
>    polprw2 HP2sxlife chsize bffel3Xd2-chsizeXd2  if gender==2, vce(cluster i
> d)

Linear regression                               Number of obs =     363
                                                F( 12,   362) =   41.06
                                                Prob > F      =  0.0000
                                                R-squared     =  0.4988
                                                Root MSE      =  24.797

                                   (Std. Err. adjusted for 363 clusters in id)
------------------------------------------------------------------------------
             |               Robust
      WHPel |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         age |  -.0469065   .1446824    -0.32   0.746      -.33143     .237617
      havmil |  -.0142855   .0031091    -4.59   0.000    -.0203996    -.0081714
      bffel3 |  -2.389054    .426993    -5.60   0.000    -3.228752    -1.549356
      bffel4 |  -.5629112   .0989158    -5.69   0.000    -.7574329    -.3683895
     polprw2 |  -.0997399    .039034    -2.56   0.011    -.1765017    -.0229781
   HP2sxlife |   14.09644   4.666127     3.02   0.003     4.920325     23.27256
     chsize  |   .0783037   .0524761     1.49   0.137    -.0248926     .1815001
   bffel3Xd2 |  -.3687073   .1700938    -2.17   0.031    -.7032033    -.0342112
   bffel4Xd2 |   .0186826    .022263     0.84   0.402    -.0250985     .0624638
  polprw2Xd2 |  -.0025232   .0125171    -0.20   0.840    -.0271385     .0220921
HP2sxlifeXd2 |  -2.166791   1.961888    -1.10   0.270    -6.024919     1.691337
   chsizeXd2 |   .0366398   .0296228     1.24   0.217    -.0216146     .0948942
       _cons |     69.284   9.589914     7.22   0.000     50.42507     88.14294
------------------------------------------------------------------------------
```

```
172 . // one moderator effect is significant at wave 2: bffel3Xd2
173 . des bffel3

              storage  display     value
variable name   type   format      label      variable label
------------------------------------------------------------------------------
bffel3          float  %9.0g                  max(0, 23-BSIsoma)

174 . summ bffel3 if gender==2

    Variable |        Obs        Mean    Std. Dev.       Min        Max
-------------+---------------------------------------------------------
      bffel3 |        363      9.5427    5.101751         0         19

175 . centile bffel3 if gender==2, centile(33 67)  // cut points are at 8 and 13

                                                    -- Binom. Interp. --
    Variable |      Obs  Percentile      Centile        [95% Conf. Interval]
-------------+-------------------------------------------------------------
      bffel3 |      363         33             8             7           8
             |                  67            13            12          13

176 . hist bffel3 if gender==2
    (bin=19, start=0, width=1)

177 . cap drop lowbffeld2

178 . cap gen lowbffeld2 = avgcumdosew2 if bffel3 < 8 & gender==2

179 . cap gen midbffeld2 = avgcumdosew2 if bffel3 >= 8 & bffel3 < 13 & gender==2

180 . cap gen hibffeld2 = avgcumdosew2 if bffel3 >= 13 & gender ==2 & bffel3 !=.

181 . twoway lfit WHPel lowbffeld2 || lfit WHPel midbffeld2 || lfit WHPel hibffeld
    > 2, ///
    >    ti(Bffel by dose effect on Energy level in wave 2) ///
    >     xti(average wave 2 cumulative dose of {superscript:137}CS in milliGrays)
    >  ///
    >    yti("bffel3 score: (23 - BSIsoma){subscript:+}") ///
    >    lpattern(dash longdash dash_dot ) lcolor(black green red) ///
    >    legend(label(1 "bffel3 < 8") label(2 "8 < bffel3 < 13") label(3 "bffel >=
    > 13"))
```

```
182 .
183 . graph save ELbffeld2.gph, replace
    (file ELbffeld2.gph saved)

184 . graph export ELbffeld2.eps, replace
    (file ELbffeld2.eps written in EPS format)

185 .
186 .
187 .
188 .
189 .
190 .
191 . title "Wave 2 Female mediation analysis"


    ********************************************************************************
    > *
    ********************************************************************************
    > *
    *****                                                                      ****
    > *
    *****                                                                      ****
    > *
    *****                  Wave 2 Female mediation analysis                    ****
    > *
    *****                                                                      ****
    > *
    *****                                                                      ****
    > *
    *****                                          27 Jun 2012    13:01:41   ****
    > *
    ********************************************************************************
    > *
    ********************************************************************************
    > *
```

```
192 .
193 . title "age and sex life are possible Female mediators of energy level in wav
    > e 2"


    ********************************************************************************
    > *
    ********************************************************************************
    > *
    *****                                                                      ****
    > *
    *****                                                                      ****
    > *
    *****age and sex life are possible Female mediators of energy level in wave 2*
    > ****
    *****                                                                      ****
    > *
    *****                                                                      ****
    > *
    *****                                          27 Jun 2012    13:01:41  ****
    > *
    ********************************************************************************
    > *
    ********************************************************************************
    > *



194 .
195 . cap gen whpel = WHPel

196 . sem(avgcumdosew2->age)(age->whpel) if gender==2, nocapslatent

    Endogenous variables

    Observed:  age whpel

    Exogenous variables

    Observed:  avgcumdosew2

    Fitting target model:

    Iteration 0:   log likelihood = -3816.1454
    Iteration 1:   log likelihood = -3816.1454
```

```
Structural equation model                       Number of obs      =       363
Estimation method  = ml
Log likelihood     = -3816.1454

------------------------------------------------------------------------------
             |                 OIM
             |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
Structural   |
  age <-     |
    avgcumdosew2 |   1.502324   .4441722     3.38   0.001     .6317629    2.372886
           _cons |   48.86944   .7303023    66.92   0.000     47.43808    50.30081
-------------+----------------------------------------------------------------
  whpel <-   |
           age |   .9770812   .1434361     6.81   0.000     .6959517    1.258211
           _cons |  -17.2271   7.400508    -2.33   0.020    -31.73183   -2.722368
-------------+----------------------------------------------------------------
Variance     |
           e.age |    136.164   10.10704                      117.7281    157.4869
         e.whpel |   1048.966   77.86154                      906.9413    1213.231
------------------------------------------------------------------------------

LR test of model vs. saturated: chi2(1)   =      1.37, Prob > chi2 = 0.2416
```

```
197 . sem(avgcumdosew2->illw2)(illw2->whpel) if gender==2, nocapslatent

Endogenous variables

Observed:  illw2 whpel

Exogenous variables

Observed:  avgcumdosew2

Fitting target model:
```

```
Iteration 0:   log likelihood =   -2885.89
Iteration 1:   log likelihood =   -2885.89

Structural equation model                       Number of obs      =       363
Estimation method  = ml
Log likelihood     =   -2885.89

------------------------------------------------------------------------------
> ----
                 |                 OIM
                 |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Inter
> val]
-----------------+------------------------------------------------------------
> ----
Structural       |
  illw2 <-       |
    avgcumdosew2 |   .1249912   .0330244     3.78   0.000     .0602647     .189
> 7178
           _cons |    .301285   .0542982     5.55   0.000     .1948624     .407
> 7076
  ---------------+------------------------------------------------------------
> ----
  whpel <-       |
           illw2 |   8.395507   1.992806     4.21   0.000     4.489678    12.3
> 0134
           _cons |    28.3677   1.945583    14.58   0.000     24.55442    32.1
> 8097
-----------------+------------------------------------------------------------
> ----
Variance         |
         e.illw2 |   .7527109   .0558714                      .6507978     .870
> 5832
         e.whpel |   1127.908   83.72122                      975.1956    1304
> .536
-----------------+------------------------------------------------------------
> ----
LR test of model vs. saturated: chi2(1)   =      2.16, Prob > chi2 = 0.1419
```

```
198 . sem(avgcumdosew2->radchw2)(radchw2->whpel) if gender==2, nocapslatent

    Endogenous variables

    Observed:  radchw2 whpel

    Exogenous variables

    Observed:  avgcumdosew2

    Fitting target model:

    Iteration 0:   log likelihood = -4221.9202
    Iteration 1:   log likelihood = -4221.9202

    Structural equation model                       Number of obs      =       363
    Estimation method  = ml
    Log likelihood     = -4221.9202

------------------------------------------------------------------------------
> ----
             |                 OIM
             |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Inter
> val]
-------------+----------------------------------------------------------------
> ----
Structural   |
  radchw2 <- |
    avgcumdosew2 |   2.827903    1.27938     2.21   0.027     .3203636    5.33
> 5442
           _cons |   59.99635   2.103541    28.52   0.000     55.87348    64.1
> 1921
-------------+----------------------------------------------------------------
> ----
  whpel <-   |
         radchw2 |    .021806   .0533417     0.41   0.683    -.0827418    .126
> 3539
           _cons |   30.47341   3.792427     8.04   0.000     23.04039    37.9
> 0643
-------------+----------------------------------------------------------------
> ----
Variance     |
       e.radchw2 |   1129.689   83.85338                      976.7351    1306
> .595
         e.whpel |   1182.512   87.77429                      1022.406     136
> 7.69
------------------------------------------------------------------------------
> ----
LR test of model vs. saturated: chi2(1)   =      4.76, Prob > chi2 = 0.0292
```

```
199 . sem(avgcumdosew2->radhlw2)(radhlw2->whpel) if gender==2, nocapslatent

    Endogenous variables

    Observed:  radhlw2 whpel

    Exogenous variables

    Observed:  avgcumdosew2

    Fitting target model:

    Iteration 0:   log likelihood =  -4215.415
    Iteration 1:   log likelihood =  -4215.415

    Structural equation model                       Number of obs      =       363
    Estimation method  = ml
    Log likelihood     =  -4215.415

------------------------------------------------------------------------------
> ----
                 |                 OIM
                 |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Inter
> val]
-----------------+------------------------------------------------------------
> ----
Structural       |
  radhlw2 <-     |
    avgcumdosew2 |   3.302288   1.280292     2.58   0.010     .7929628    5.81
> 1614
           _cons |   56.95167   2.105039    27.05   0.000     52.82587    61.0
> 7747
  ---------------+--------------------------------------------------------------
> ----
  whpel <-       |
         radhlw2 |   .1949884   .0521945     3.74   0.000     .0926891    .297
> 2878
           _cons |   20.15534   3.593899     5.61   0.000     13.11142    27.1
> 9925
-----------------+------------------------------------------------------------
> ----
Variance         |
       e.radhlw2 |   1131.299   83.97289                      978.1272    1308
> .457
         e.whpel |   1139.256   84.56349                      985.0066     131
> 7.66
-----------------+------------------------------------------------------------
> ----
```

```
LR test of model vs. saturated: chi2(1)   =      3.12, Prob > chi2 = 0.0773

200 . sem(avgcumdosew2->icdxcnt)(icdxcnt->whpel) if gender==2, nocapslatent

Endogenous variables

Observed:  icdxcnt whpel

Exogenous variables

Observed:  avgcumdosew2

Fitting target model:

Iteration 0:   log likelihood = -3244.1798
Iteration 1:   log likelihood = -3244.1798

Structural equation model                       Number of obs      =       363
Estimation method  = ml
Log likelihood     = -3244.1798

------------------------------------------------------------------------------
> ----
                 |                 OIM
                 |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Inter
> val]
-----------------+------------------------------------------------------------
> ----
Structural       |
  icdxcnt <-     |
    avgcumdosew2 |   .1794903   .0878119     2.04   0.041     .0073822    .351
> 5984
           _cons |   3.004543   .1443792    20.81   0.000     2.721565    3.28
> 7522
-----------------+------------------------------------------------------------
> ----
  whpel <-       |
         icdxcnt |    2.53141   .7666649     3.30   0.001     1.028775    4.03
> 4046
           _cons |   23.82427   3.008826     7.92   0.000     17.92708    29.7
> 2146
-----------------+------------------------------------------------------------
> ----
Variance         |
       e.icdxcnt |   5.321894    .395028                      4.601338    6.15
> 5287
         e.whpel |   1148.561   85.25421                      993.0521    1328
> .423
------------------------------------------------------------------------------
```

```
> ────
LR test of model vs. saturated: chi2(1)   =      3.62, Prob > chi2 = 0.0572

201 . sem(avgcumdosew2->BSIdep)(BSIdep->whpel) if gender==2, nocapslatent

Endogenous variables

Observed:  BSIdep whpel

Exogenous variables

Observed:  avgcumdosew2

Fitting target model:

Iteration 0:   log likelihood =  -3377.589
Iteration 1:   log likelihood =  -3377.589

Structural equation model                       Number of obs      =       363
Estimation method  = ml
Log likelihood     =  -3377.589

─────────────────┬──────────────────────────────────────────────────────────────
> ────
                 │                 OIM
                 │      Coef.   Std. Err.      z    P>|z|     [95% Conf. Inter
> val]
─────────────────┼──────────────────────────────────────────────────────────────
> ────
Structural       │
  BSIdep <-      │
    avgcumdosew2 │   .5124468   .1405158     3.65   0.000     .2370408    .787
> 8528
           _cons │   9.196716   .2310344    39.81   0.000     8.743897    9.64
> 9535
  ───────────────┼──────────────────────────────────────────────────────────────
> ────
  whpel <-       │
          BSIdep │   4.186388   .4271144     9.80   0.000     3.349259    5.02
> 3517
           _cons │  -8.585374   4.425493    -1.94   0.052    -17.25918    .088
> 4327
─────────────────┼──────────────────────────────────────────────────────────────
> ────
Variance         │
        e.BSIdep │   13.62731   1.011514                      11.78225    15.7
> 6131
         e.whpel │    935.476   69.43754                      808.8175    1081
> .969
```

```
                 |
> ———
LR test of model vs. saturated: chi2(1)   =      0.42, Prob > chi2 = 0.5159

202 . sem(avgcumdosew2->BSIanx)(BSIanx->whpel) if gender==2, nocapslatent

Endogenous variables

Observed:  BSIanx whpel

Exogenous variables

Observed:  avgcumdosew2

Fitting target model:

Iteration 0:   log likelihood = -3377.0834
Iteration 1:   log likelihood = -3377.0834

Structural equation model                       Number of obs      =       363
Estimation method  = ml
Log likelihood     = -3377.0834

                 |
> ———
                 |             OIM
                 |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Inter
> val]
-----------------+------------------------------------------------------------
> ———
Structural       |
  BSIanx <-      |
    avgcumdosew2 |   .5377254   .1360644     3.95   0.000     .2710441     .804
> 4067
           _cons |   8.496392   .2237153    37.98   0.000     8.057918    8.93
> 4866
  ---------------+------------------------------------------------------------
> ———
  whpel <-       |
          BSIanx |   3.757288   .4534895     8.29   0.000     2.868465    4.64
> 6111
           _cons |  -1.895869   4.395133    -0.43   0.666    -10.51017    6.71
> 8433
-----------------+------------------------------------------------------------
> ———
Variance         |
         e.BSIanx |   12.77758   .9484407                      11.04756    14.7
> 7851
          e.whpel |   994.9118   73.84928                       860.206    1150
```

```
> .712
─────────────────┬──────────────────────────────────────────────────────────────
> ────
LR test of model vs. saturated: chi2(1)   =      0.55, Prob > chi2 = 0.4603
```

203 . sem(avgcumdosew2->PTSDw2)(PTSDw2->whpel) if gender==2, nocapslatent

```
Endogenous variables

Observed:  PTSDw2 whpel

Exogenous variables

Observed:  avgcumdosew2

Fitting target model:

Iteration 0:   log likelihood = -3707.4963
Iteration 1:   log likelihood = -3707.4963

Structural equation model                       Number of obs      =       363
Estimation method  = ml
Log likelihood     = -3707.4963

─────────────────┬──────────────────────────────────────────────────────────────
> ────
                 │                 OIM
                 │      Coef.   Std. Err.      z    P>|z|     [95% Conf. Inter
> val]
─────────────────┼──────────────────────────────────────────────────────────────
> ────
Structural       │
  PTSDw2 <-      │
    avgcumdosew2 │    .538256   .3126879     1.72   0.085    -.0746011    1.15
> 1113
           _cons │   3.023189   .5141176     5.88   0.000     2.015537    4.03
> 0841
  ───────────────┼──────────────────────────────────────────────────────────────
> ────
  whpel <-       │
          PTSDw2 │   .5398533   .2170316     2.49   0.013     .1144791    .965
> 2275
           _cons │    29.9446   1.945051    15.40   0.000     26.13237    33.7
> 5683
─────────────────┼──────────────────────────────────────────────────────────────
> ────
Variance         │
        e.PTSDw2 │   67.48105   5.008914                      58.34448    78.0
> 4839
```

```
         e.whpel |   1163.229   86.34298                      1005.734    1345
> .388
-----------------+------------------------------------------------------------
> -----
LR test of model vs. saturated: chi2(1)   =      4.06, Prob > chi2 = 0.0440

204 . sem(avgcumdosew2->radfmw2)(radfmw2->whpel) if gender==2, nocapslatent

Endogenous variables

Observed:  radfmw2 whpel

Exogenous variables

Observed:  avgcumdosew2

Fitting target model:

Iteration 0:   log likelihood = -4193.2556
Iteration 1:   log likelihood = -4193.2556

Structural equation model                       Number of obs      =       363
Estimation method  = ml
Log likelihood     = -4193.2556

-----------------+------------------------------------------------------------
> -----
                 |                 OIM
                 |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Inter
> val]
-----------------+------------------------------------------------------------
> -----
Structural       |
  radfmw2 <-     |
    avgcumdosew2 |   3.655749   1.211084     3.02   0.003     1.282068    6.02
> 9431
           _cons |   64.62134    1.99125    32.45   0.000     60.71857    68.5
> 2412
  ---------------+------------------------------------------------------------
> -----
  whpel <-       |
         radfmw2 |   .2327258   .0546944     4.26   0.000     .1255267    .339
> 9248
           _cons |   16.03593   4.110268     3.90   0.000     7.979949     24.
> 0919
-----------------+------------------------------------------------------------
> -----
Variance         |
       e.radfmw2 |   1012.298    75.1398                      875.2382    1170
```

```
> .821
         e.whpel |   1126.853   83.64288                      974.2831    1303
> .315
-----------------+------------------------------------------------------------
> ----
LR test of model vs. saturated: chi2(1)   =      2.62, Prob > chi2 = 0.1058

205 . sem(avgcumdosew2->radtlw2)(radtlw2->whpel) if gender==2, nocapslatent

Endogenous variables

Observed:  radtlw2 whpel

Exogenous variables

Observed:  avgcumdosew2

Fitting target model:

Iteration 0:   log likelihood = -4231.6616
Iteration 1:   log likelihood = -4231.6616

Structural equation model                       Number of obs      =       363
Estimation method  = ml
Log likelihood     = -4231.6616

-----------------+------------------------------------------------------------
> ----
                 |                 OIM
                 |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Inter
> val]
-----------------+------------------------------------------------------------
> ----
Structural       |
  radtlw2 <-     |
    avgcumdosew2 |   2.047485   1.316579     1.56   0.120    -.5329614    4.62
> 7932
           _cons |   62.33714   2.164702    28.80   0.000      58.0944    66.5
> 7987
  ---------------+------------------------------------------------------------
> ----
  whpel <-       |
         radtlw2 |   .0634795   .0519145     1.22   0.221     -.038271    .165
> 2299
           _cons |   27.76339   3.787336     7.33   0.000     20.34034    35.1
> 8643
-----------------+------------------------------------------------------------
> ----
Variance         |
```

```
       e.radtlw2 |   1196.336   88.80041                      1034.359    1383
> .679
         e.whpel |   1178.204   87.45448                      1018.681    1362
> .707
-----------------+------------------------------------------------------------
> ----
LR test of model vs. saturated: chi2(1)   =      4.51, Prob > chi2 = 0.0336

206 . sem(avgcumdosew2->anxagw2)(anxagw2->whpel) if gender==2, nocapslatent

Endogenous variables

Observed:  anxagw2 whpel

Exogenous variables

Observed:  avgcumdosew2

Fitting target model:

Iteration 0:   log likelihood =   -4072.06
Iteration 1:   log likelihood =   -4072.06

Structural equation model                       Number of obs      =       363
Estimation method  = ml
Log likelihood     =   -4072.06

-----------------+------------------------------------------------------------
> ----
                 |                 OIM
                 |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Inter
> val]
-----------------+------------------------------------------------------------
> ----
Structural       |
  anxagw2 <-     |
    avgcumdosew2 |   1.129282   .8534693     1.32   0.186    -.5434868    2.80
> 2051
           _cons |   10.57818   1.403264     7.54   0.000     7.827837    13.3
> 2853
  ---------------+------------------------------------------------------------
> ----
  whpel <-       |
         anxagw2 |   .1957292   .0796628     2.46   0.014      .039593    .351
> 8654
           _cons |   29.56851   2.014496    14.68   0.000     25.62017    33.5
> 1685
-----------------+------------------------------------------------------------
> ----
```

```
Variance            |
       e.anxagw2    |   502.7307   37.31617                      434.6637    581.
> 4569
         e.whpel    |   1163.704   86.37822                      1006.145    1345
> .937
---------------------+------------------------------------------------------------
> ----
LR test of model vs. saturated: chi2(1)   =      4.26, Prob > chi2 = 0.0389

207 . sem(avgcumdosew2->HP2sxlife)(HP2sxlife->whpel) if gender==2, nocapslatent

Endogenous variables

Observed:  HP2sxlife whpel

Exogenous variables

Observed:  avgcumdosew2

Fitting target model:

Iteration 0:   log likelihood =  -2602.278
Iteration 1:   log likelihood =  -2602.278

Structural equation model                       Number of obs      =       363
Estimation method  = ml
Log likelihood     =  -2602.278

---------------------+------------------------------------------------------------
> ----
                     |                 OIM
                     |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Inter
> val]
---------------------+------------------------------------------------------------
> ----
Structural           |
  HP2sxlife <-       |
    avgcumdosew2     |   .0668069   .0163017     4.10   0.000     .0348562    .098
> 7576
           _cons     |    .199123    .026803     7.43   0.000     .1465901     .25
> 1656
  -------------------+------------------------------------------------------------
> ----
  whpel <-           |
       HP2sxlife     |   33.30725   3.731965     8.92   0.000     25.99274    40.6
> 2177
           _cons     |    23.2119   1.899102    12.22   0.000     19.48973    26.9
> 3407
---------------------+------------------------------------------------------------
```

```
> ———
Variance        |
     e.HP2sxlife |   .1834106    .013614                      .1585777    .212
> 1321
         e.whpel |   970.1719   72.01291                      838.8157    1122
> .098
-----------------+------------------------------------------------------------

> ———
LR test of model vs. saturated: chi2(1)   =      0.33, Prob > chi2 = 0.5673

208 . sem(avgcumdosew2->drinkspww2)(drinkspww2->whpel) if gender==2, nocapslatent

Endogenous variables

Observed:  drinkspww2 whpel

Exogenous variables

Observed:  avgcumdosew2

Fitting target model:

Iteration 0:   log likelihood = -2977.9466
Iteration 1:   log likelihood = -2977.9466

Structural equation model                       Number of obs      =       363
Estimation method  = ml
Log likelihood     = -2977.9466

-----------------+------------------------------------------------------------
> ———
                 |                 OIM
                 |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Inter
> val]
-----------------+------------------------------------------------------------
> ———
Structural       |
  drinkspww2 <-  |
    avgcumdosew2 |   .0481502   .0418536     1.15   0.250    -.0338814    .130
> 1818
           _cons |    .614454   .0688152     8.93   0.000     .4795787    .749
> 3293
  ---------------+------------------------------------------------------------
> ———
  whpel <-       |
      drinkspww2 |  -3.734111   1.627115    -2.29   0.022    -6.923199   -.545
> 0237
           _cons |   34.29238   2.087414    16.43   0.000     30.20112    38.3
> 8363
```

```
-------------------+------------------------------------------------------------
> -----
Variance           |
    e.drinkspww2 |   1.208999   .0897403                      1.045307    1.39
> 8324
         e.whpel |   1166.137   86.55883                      1008.249    1348
> .751
-------------------+------------------------------------------------------------
> -----
LR test of model vs. saturated: chi2(1)   =      5.63, Prob > chi2 = 0.0176

209 . sem(avgcumdosew2->depagw2)(depagw2->whpel) if gender==2, nocapslatent

Endogenous variables

Observed:  depagw2 whpel

Exogenous variables

Observed:  avgcumdosew2

Fitting target model:

Iteration 0:   log likelihood = -4014.6539
Iteration 1:   log likelihood = -4014.6539

Structural equation model                       Number of obs      =       363
Estimation method  = ml
Log likelihood     = -4014.6539

-------------------+------------------------------------------------------------
> -----
                   |                 OIM
                   |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Inter
> val]
-------------------+------------------------------------------------------------
> -----
Structural         |
  depagw2 <-       |
    avgcumdosew2 |   .9266396   .7350068     1.26   0.207    -.5139472    2.36
> 7226
           _cons |   8.991343   1.208489     7.44   0.000     6.622749    11.3
> 5994
  -----------------+------------------------------------------------------------
> -----
  whpel <-         |
         depagw2 |   .3245967   .0917199     3.54   0.000     .1448289    .504
> 3645
           _cons |   28.64898   1.990441    14.39   0.000     24.74779    32.5
```

```
> 5017
─────────────────┼──────────────────────────────────────────────────────────────
> ────
Variance         │
       e.depagw2 │    372.857   27.67604                         322.3741    431.
> 2453
         e.whpel │   1143.599    84.8859                          988.762    1322
> .684
─────────────────┴──────────────────────────────────────────────────────────────
> ────
LR test of model vs. saturated: chi2(1)   =      4.08, Prob > chi2 = 0.0434

210 .
211 . scalar W2FemaleELMed = "age and radfmw2 radhlw2 radchw2 illw2 BSIanx BSIdep
    > icdxcnt hp2sxlife"

212 . scalar numMedsw2= 9

213 . scalar numModsw2 = 0

214 . *---------------------------------------------------------------------------
    > ----
215 .
216 . title "Wave three Female dose- energy level response model"


******************************************************************************
> *
******************************************************************************
> *
*****                                                                     ****
> *
*****                                                                     ****
> *
*****        Wave three Female dose- energy level response model          ****
> *
*****                                                                     ****
> *
*****                                                                     ****
> *
*****                                      27 Jun 2012    13:01:43        ****
> *
******************************************************************************
> *
******************************************************************************
> *
```

```
217 .
218 . set more off

219 . des WHPel age educ2-educ7 marrw31-marrw33 marrw35 childw3 ///
    >   emplw32-emplw35 occ1w3-occ8w3 inc1w3-inc4w3 radhlw3 radchw3 ///
    >   radtlw3 havmil bffel1-bffel4 ///
    >    carcin healthef dvcew3 sepaw3 shhlw3 shhousw3 phlthw3 suprtw3 fdferw3 ///
    >    dafter near chsize polprw3 icdxcnt

              storage  display     value
variable name   type   format      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 period fro 1977 to 1986**
pil8w1	byte	%15.0g	LABC	**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 1996**
dril2w2	byte	%9.0g		**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	ill862	**name of illness 1 in time period now**
nil2w3	byte	%26.0g	ill862	**name of illness 2 in time period now**
nil3w3	byte	%26.0g	ill862	**name of illness 3 in time period now**

nil4w3	byte	%26.0g	ill862	**name of illness 4 in time period now**
nil5w3	byte	%26.0g	ill862	**name of illness 5 in time period now**
nil6w3	byte	%26.0g	ill862	**name of illness 6 in time period now**
nil7w3	byte	%26.0g	ill862	**name of illness 7 in time period now**
nil8w3	byte	%26.0g	ill862	**name of illness 8 in time period now**
nil9w3	byte	%26.0g	ill862	**name of illness 9 in time period now**
nil10w3	byte	%26.0g	ill862	**name of illness 10 in time period now**
dil1w3	long	%d		**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)**
pil1w3	byte	%15.0g	LABC	**persistence of illness 1 now**
pil2w3	byte	%15.0g	LABC	**persistence of illness 2 now**
pil3w3	byte	%15.0g	LABC	**persistence of illness 3 now**
pil4w3	byte	%15.0g	LABC	**persistence of illness 4 now**
pil5w3	byte	%15.0g	LABC	**persistence of illness 5 now**

pil6w3	byte	%15.0g	LABC	**persistence of illness 6 now**
pil7w3	byte	%15.0g	LABC	**persistence of illness 7 now**
pil8w3	byte	%15.0g	LABC	**persistence of illness 8 now**
pil9w3	byte	%15.0g	LABC	**persistence of illness 9 now**
pil10w3	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 week in 1987-1996**
pillw3	byte	%8.0g		**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 accident**
lonacc	byte	%12.0g	lon	**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 chornobyl 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 Chornobyl accident?**
evacself	byte	%15.0g	LABC		**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 polution related to chornobyl in 1986
radchw2	byte	%8.0g			believed % of polution related to chornobyl in 1996
radchw3	byte	%8.0g			believed % of polution 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 (%

saferad	byte	%8.0g	**there is no safe level of radiation (% of agreement)**
goodrad	byte	%8.0g	**small doses can actually improve one's health (% of agreement)**
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 desease persisted illness 1
dxnum2	byte	%8.0g	number of years the desease persisted illness 2
dxnum3	byte	%8.0g	number of years the desease persisted illness 3
dxnum4	byte	%8.0g	number of years the desease persisted illness 4
dxnum5	byte	%8.0g	number of years the desease persisted illness 5
dxnum6	byte	%8.0g	number of years the desease persisted illness 6
dxnum7	byte	%8.0g	number of years the desease persisted illness 7
dxnum8	byte	%8.0g	number of years the desease persisted illness 8
dxnum9	byte	%8.0g	number of years the desease persisted illness 9
dxnum10	byte	%8.0g	number of years the desease persisted illness 10
dxnum11	byte	%8.0g	number of years the desease persisted illness 11
dxnum12	byte	%8.0g	number of years the desease 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 percentage) in 1989
deprl1990	byte	%8.0g	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) in 2007**
anxl2008	byte	%8.0g	**level of anxiety (in percentage) in 2008**
anxl2009	byte	%8.0g	**level of anxiety (in percentage) in 2009**

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

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 2003**
emrel2004	byte	%8.0g	**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
hlthl2001	byte	%8.0g	intensity of work related problems due to health in 2001
hlthl2002	byte	%8.0g	intensity of work related problems due to health in 2002
hlthl2003	byte	%8.0g	intensity of work related problems due to health in 2003
hlthl2004	byte	%8.0g	intensity of work related problems due to health in 2004
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
homel1985	byte	%8.0g	intensity of home related problems due to health in 1985
homel1986	byte	%8.0g	intensity of home related problems due to health in 1986
homel1987	byte	%8.0g	intensity of home related problems due to health in 1987
homel1988	byte	%8.0g	intensity of home related problems due to health in 1988
homel1989	byte	%8.0g	intensity of home related problems due to health in 1989
homel1990	byte	%8.0g	intensity of home related problems due to health in 1990
homel1991	byte	%8.0g	intensity of home related problems due to health in 1991
homel1992	byte	%8.0g	intensity of home related problems due to health in 1992

homel1993	byte	%8.0g	**intensity of home related problems due to health in 1993**
homel1994	byte	%8.0g	**intensity of home related problems due to health in 1994**
homel1995	byte	%8.0g	**intensity of home related problems due to health in 1995**
homel1996	byte	%8.0g	**intensity of home related problems due to health in 1996**
homel1997	byte	%8.0g	**intensity of home related problems due to health in 1997**
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homel2003	byte	%8.0g	**intensity of home related problems due to health in 2003**
homel2004	byte	%8.0g	**intensity of home related problems due to health in 2004**
homel2005	byte	%8.0g	**intensity of home related problems due to health in 2005**
homel2006	byte	%8.0g	**intensity of home related problems due to health in 2006**
homel2007	byte	%8.0g	**intensity of home related problems due to health in 2007**
homel2008	byte	%8.0g	**intensity of home related problems due to health in 2008**
homel2009	byte	%8.0g	**intensity of home related problems due to health in 2009**
homel2010	byte	%8.0g	**intensity of home related problems due to health in 2010**
solil1980	byte	%8.0g	**intensity of social life related problems due to health in 1980**
solil1981	byte	%8.0g	**intensity of social life related problems due to health in 1981**
solil1982	byte	%8.0g	**intensity of social life related problems due to health in 1982**
solil1983	byte	%8.0g	**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 problems due to health in 2008
solil2009	byte	%8.0g	intensity of social life related problems due to health in 2009
solil2010	byte	%8.0g	intensity of social life related problems due to health in 2010

holil1980	byte	%8.0g	**intensity of home life related problems due to health in 1980**
holil1981	byte	%8.0g	**intensity of home life related problems due to health in 1981**
holil1982	byte	%8.0g	**intensity of home life related problems due to health in 1982**
holil1983	byte	%8.0g	**intensity of home life related problems due to health in 1983**
holil1984	byte	%8.0g	**intensity of home life related problems due to health in 1984**
holil1985	byte	%8.0g	**intensity of home life related problems due to health in 1985**
holil1986	byte	%8.0g	**intensity of home life related problems due to health in 1986**
holil1987	byte	%8.0g	**intensity of home life related problems due to health in 1987**
holil1988	byte	%8.0g	**intensity of home life related problems due to health in 1988**
holil1989	byte	%8.0g	**intensity of home life related problems due to health in 1989**
holil1990	byte	%8.0g	**intensity of home life related problems due to health in 1990**
holil1991	byte	%8.0g	**intensity of home life related problems due to health in 1991**
holil1992	byte	%8.0g	**intensity of home life related problems due to health in 1992**
holil1993	byte	%8.0g	**intensity of home life related problems due to health in 1993**
holil1994	byte	%8.0g	**intensity of home life related problems due to health in 1994**
holil1995	byte	%8.0g	**intensity of home life related problems due to health in 1995**
holil1996	byte	%8.0g	**intensity of home life related problems due to health in 1996**
holil1997	byte	%8.0g	**intensity of home life related problems due to health in 1997**
holil1998	byte	%8.0g	**intensity of home life related problems due to health in 1998**
holil1999	byte	%8.0g	**intensity of home life related problems due to health in 1999**
holil2000	byte	%8.0g	**intensity of home life related problems due to health in 2000**
holil2001	byte	%8.0g	**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**
sexll1980	byte	%8.0g	**intensity of home life related problems due to health in 1980**
sexll1981	byte	%8.0g	**intensity of home life related problems due to health in 1981**
sexll1982	byte	%8.0g	**intensity of home life related problems due to health in 1982**
sexll1983	byte	%8.0g	**intensity of home life related problems due to health in 1983**
sexll1984	byte	%8.0g	**intensity of home life related problems due to health in 1984**
sexll1985	byte	%8.0g	**intensity of home life related problems due to health in 1985**
sexll1986	byte	%8.0g	**intensity of home life related problems due to health in 1986**
sexll1987	byte	%8.0g	**intensity of home life related problems due to health in 1987**
sexll1988	byte	%8.0g	**intensity of home life related problems due to health in 1988**
sexll1989	byte	%8.0g	**intensity of home life related problems due to health in 1989**
sexll1990	byte	%8.0g	**intensity of home life related problems due to health in 1990**
sexll1991	byte	%8.0g	**intensity of home life related problems due to health in 1991**
sexll1992	byte	%8.0g	**intensity of home life related problems due to health in 1992**
sexll1993	byte	%8.0g	**intensity of home life related problems due to health in 1993**
sexll1994	byte	%8.0g	**intensity of home life related problems due to health in 1994**
sexll1995	byte	%8.0g	**intensity of home life related problems due to health in 1995**
sexll1996	byte	%8.0g	**intensity of home life related problems due to health in 1996**
sexll1997	byte	%8.0g	**intensity of home life related problems due to health in 1997**

sexll1998	byte	%8.0g	**intensity of home life related problems due to health in 1998**
sexll1999	byte	%8.0g	**intensity of home life related problems due to health in 1999**
sexll2000	byte	%8.0g	**intensity of home life related problems due to health in 2000**
sexll2001	byte	%8.0g	**intensity of home life related problems due to health in 2001**
sexll2002	byte	%8.0g	**intensity of home life related problems due to health in 2002**
sexll2003	byte	%8.0g	**intensity of home life related problems due to health in 2003**
sexll2004	byte	%8.0g	**intensity of home life related problems due to health in 2004**
sexll2005	byte	%8.0g	**intensity of home life related problems due to health in 2005**
sexll2006	byte	%8.0g	**intensity of home life related problems due to health in 2006**
sexll2007	byte	%8.0g	**intensity of home life related problems due to health in 2007**
sexll2008	byte	%8.0g	**intensity of home life related problems due to health in 2008**
sexll2009	byte	%8.0g	**intensity of home life related problems due to health in 2009**
sexll2010	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**
smokel1980	int	%8.0g	**number of cigarettes smoked per week in 1980**
smokel1981	int	%8.0g	**number of cigarettes smoked per week in 1981**
smokel1982	int	%8.0g	**number of cigarettes smoked per week in 1982**
smokel1983	int	%8.0g	**number of cigarettes smoked per week in 1983**
smokel1984	int	%8.0g	**number of cigarettes smoked per week in 1984**
smokel1985	int	%8.0g	**number of cigarettes smoked per week in 1985**
smokel1986	int	%8.0g	**number of cigarettes smoked per week in 1986**
smokel1987	int	%8.0g	**number of cigarettes smoked per week in 1987**
smokel1988	int	%8.0g	**number of cigarettes smoked per week in 1988**
smokel1989	int	%8.0g	**number of cigarettes smoked per week in 1989**
smokel1990	int	%8.0g	**number of cigarettes smoked per week in 1990**
smokel1991	int	%8.0g	**number of cigarettes smoked per week in 1991**
smokel1992	int	%8.0g	**number of cigarettes smoked per week in 1992**
smokel1993	int	%8.0g	**number of cigarettes smoked per week in 1993**
smokel1994	int	%8.0g	**number of cigarettes smoked per week in 1994**
smokel1995	int	%8.0g	**number of cigarettes smoked per week in 1995**
smokel1996	int	%8.0g	**number of cigarettes smoked per**

			week in 1996
smoke1997	int	%8.0g	number of cigarettes smoked per week in 1997
smoke1998	int	%8.0g	number of cigarettes smoked per week in 1998
smoke1999	int	%8.0g	number of cigarettes smoked per week in 1999
smoke2000	int	%8.0g	number of cigarettes smoked per week in 2000
smoke2001	int	%8.0g	number of cigarettes smoked per week in 2001
smoke2002	int	%8.0g	number of cigarettes smoked per week in 2002
smoke2003	int	%8.0g	number of cigarettes smoked per week in 2003
smoke2004	int	%8.0g	number of cigarettes smoked per week in 2004
smoke2005	int	%8.0g	number of cigarettes smoked per week in 2005
smoke2006	int	%8.0g	number of cigarettes smoked per week in 2006
smoke2007	int	%8.0g	number of cigarettes smoked per week in 2007
smoke2008	int	%8.0g	number of cigarettes smoked per week in 2008
smoke2009	int	%8.0g	number of cigarettes smoked per week in 2009
smoke2010	int	%8.0g	number of cigarettes smoked per week in 2010
drinl1980	byte	%8.0g	number of beer of wine consumed per week in 1980
drinl1981	byte	%8.0g	number of beer of wine consumed per week in 1981
drinl1982	byte	%8.0g	number of beer of wine consumed per week in 1982
drinl1983	byte	%8.0g	number of beer of wine consumed per week in 1983
drinl1984	byte	%8.0g	number of beer of wine consumed per week in 1984
drinl1985	byte	%8.0g	number of beer of wine consumed per week in 1985
drinl1986	byte	%8.0g	number of beer of wine consumed per week in 1986
drinl1987	byte	%8.0g	number of beer of wine consumed per week in 1987
drinl1988	byte	%8.0g	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 per week in 2005**
vodkaq2006	byte	%8.0g	**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 health reasons in 1992
doctn1993	byte	%8.0g	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**
fampll1980	byte	%8.0g	**percent of influence that radiation had on family planning in 1980**
fampll1981	byte	%8.0g	**percent of influence that radiation had on family planning in 1981**
fampll1982	byte	%8.0g	**percent of influence that radiation had on family planning in 1982**
fampll1983	byte	%8.0g	**percent of influence that radiation had on family planning in 1983**
fampll1984	byte	%8.0g	**percent of influence that radiation had on family planning in 1984**
fampll1985	byte	%8.0g	**percent of influence that radiation had on family**

			planning in 1985
fampll1986	byte	%8.0g	**percent of influence that radiation had on family planning in 1986**
fampll1987	byte	%8.0g	**percent of influence that radiation had on family planning in 1987**
fampll1988	byte	%8.0g	**percent of influence that radiation had on family planning in 1988**
fampll1989	byte	%8.0g	**percent of influence that radiation had on family planning in 1989**
fampll1990	byte	%8.0g	**percent of influence that radiation had on family planning in 1990**
fampll1991	byte	%8.0g	**percent of influence that radiation had on family planning in 1991**
fampll1992	byte	%8.0g	**percent of influence that radiation had on family planning in 1992**
fampll1993	byte	%8.0g	**percent of influence that radiation had on family planning in 1993**
fampll1994	byte	%8.0g	**percent of influence that radiation had on family planning in 1994**
fampll1995	byte	%8.0g	**percent of influence that radiation had on family planning in 1995**
fampll1996	byte	%8.0g	**percent of influence that radiation had on family planning in 1996**
fampll1997	byte	%8.0g	**percent of influence that radiation had on family planning in 1997**
fampll1998	byte	%8.0g	**percent of influence that radiation had on family planning in 1998**
fampll1999	byte	%8.0g	**percent of influence that radiation had on family planning in 1999**
fampll2000	byte	%8.0g	**percent of influence that radiation had on family planning in 2000**
fampll2001	byte	%8.0g	**percent of influence that radiation had on family planning in 2001**

fampll2002	byte	%8.0g	**percent of influence that radiation had on family planning in 2002**
fampll2003	byte	%8.0g	**percent of influence that radiation had on family planning in 2003**
fampll2004	byte	%8.0g	**percent of influence that radiation had on family planning in 2004**
fampll2005	byte	%8.0g	**percent of influence that radiation had on family planning in 2005**
fampll2006	byte	%8.0g	**percent of influence that radiation had on family planning in 2006**
fampll2007	byte	%8.0g	**percent of influence that radiation had on family planning in 2007**
fampll2008	byte	%8.0g	**percent of influence that radiation had on family planning in 2008**
fampll2009	byte	%8.0g	**percent of influence that radiation had on family planning in 2009**
fampll2010	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 time 1 april 26-june 30 1986**
latdt1r2	byte	%10.0g	*** latitude in degrees residence 2 time 1 april 26-june 30 1986**
latdt1r3	byte	%10.0g	*** latitude in degrees residence 3 time 1 april 26-june 30 1986**

latdt1r4	byte	%10.0g		* **latitude in degrees residence 4 time 1 april 26-june 30 1986**
londt1r1	int	%10.0g		* **longitude in degrees residence 1 time 1 april 26-june 30 1986**
londt1r2	int	%10.0g		* **longitude in degrees residence 2 time 1 april 26-june 30 1986**
londt1r3	byte	%10.0g		* **longitude in degrees residence 3 time 1 april 26-june 30 1986**
londt1r4	byte	%10.0g		* **longitude in degrees residence 4 time 1 april 26-june 30 1986**
latmt1r1	byte	%10.0g		* **latitude in minutes residence 1 time 1 april 26-june 30 1986**
latmt1r2	int	%10.0g		* **latitude in minutes residence 2 time 1 april 26-june 30 1986**
latmt1r3	byte	%10.0g		* **latitude in minutes residence 3 time 1 april 26-june 30 1986**
latmt1r4	byte	%10.0g		* **latitude in minutes residence 4 time 1 april 26-june 30 1986**
lonmt1r1	byte	%10.0g		* **longitude in minutes residence 1 time 1 april 26-june 30 1986**
lonmt1r2	int	%10.0g		* **longitude in minutes residence 2 time 1 april 26-june 30 1986**
lonmt1r3	byte	%10.0g		* **longitude in minutes residence 3 time 1 april 26-june 30 1986**
lonmt1r4	byte	%10.0g		* **longitude in minutes residence 4 time 1 april 26-june 30 1986**
dayt1r1	int	%10.0g		* **days in residence 1 time 1 april 26-june 30 1986**
dayt1r2	byte	%10.0g		* **days in residence 2 time 1 april 26-june 30 1986**
dayt1r3	byte	%10.0g		* **days in residence 3 time 1 april 26-june 30 1986**
dayt1r4	byte	%10.0g		* **days in residence 4 time 1 april 26-june 30 1986**
oblt1r1	byte	%31.0g	LABG	* **oblast of residence 1 time 1 april 26-june 30 1986**
oblt1r2	byte	%31.0g	LABG	* **oblast of residence 2 time 1 april 26-june 30 1986**
oblt1r3	byte	%31.0g	LABG	* **oblast of residence 3 time 1 april 26-june 30 1986**
oblt1r4	byte	%31.0g	LABG	* **oblast of residence 4 time 1 april 26-june 30 1986**
latt1r1	byte	%15.0g	LABF	* **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 while in residence 4 time 1**
mlldt1r1	long	%8.0g		* **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
sdrt1r1	byte	%15.0g	LABC	* did you consume solid dairy products while in residence 1 time 1
sdrt1r2	byte	%15.0g	LABC	* did you consume solid dairy products while in residence 2 time 1
sdrt1r3	byte	%15.0g	LABC	* did you consume solid dairy products while in residence 3 time 1
sdrt1r4	byte	%15.0g	LABC	* did you consume solid dairy products while in residence 4 time 1
ssdrt1r1	byte	%20.0g	LABN	* sourse of solid dairy products in residence 1 time 1
ssdrt1r2	byte	%20.0g	LABN	* sourse of solid dairy products in residence 2 time 1
ssdrt1r3	byte	%20.0g	LABN	* sourse of solid dairy products in residence 3 time 1
ssdrt1r4	byte	%20.0g	LABN	* sourse 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
oblt2r2	byte	%31.0g	LABG	* oblast of residence 2 time 2: july 1-december 31 1986
oblt2r3	byte	%31.0g	LABG	* oblast of residence 3 time 2: july 1-december 31 1986
oblt2r4	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**
beft2r1	byte	%15.0g	LABC	**did you consume beef in residence 1 time 2: july 1-december 31 1986**
beft2r2	byte	%15.0g	LABC	**did you consume beef in residence 2 time 2: july 1-december 31 1986**
beft2r3	byte	%15.0g	LABC	**did you consume beef in**

				residence 3 time 2: july 1-december 31 1986
beft2r4	byte	%15.0g	LABC	**did you consume beef in residence 4 time 2: july 1-december 31 1986**
sbeft2r1	byte	%20.0g	LABN	**source of beef in residence 1 time 2: july 1-december 31 1986**
sbeft2r2	byte	%20.0g	LABN	**source of beef in residence 2 time 2: july 1-december 31 1986**
sbeft2r3	byte	%20.0g	LABN	**source of beef in residence 3 time 2: july 1-december 31 1986**
sbeft2r4	byte	%20.0g	LABN	**source of beef in residence 4 time 2: july 1-december 31 1986**
gbeft2r1	int	%8.0g		*** quantity of beef (in grams) residence 1 time 2: july 1-december 31 1986**
gbeft2r2	int	%8.0g		*** quantity of beef (in grams) residence 2 time 2: july 1-december 31 1986**
gbeft2r3	int	%8.0g		*** quantity of beef (in grams) residence 3 time 2: july 1-december 31 1986**
gbeft2r4	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
splt2r4	byte	%20.0g	LABN		**source of poultry in residence 4 time 2: july 1-december 31 1986**
gplt2r1	int	%8.0g		*	**quantity of poultry (in grams) in residence 1 time 2: july 1-december 31 1986**
gplt2r2	int	%8.0g		*	**quantity of poultry (in grams) in residence 2 time 2: july 1-december 31 1986**
gplt2r3	int	%8.0g		*	**quantity of poultry (in grams) in residence 3 time 2: july 1-december 31 1986**
gplt2r4	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 time 3: jan 1987 - dec 1990**
lonmt3r2	byte	%8.0g	* **longitude in minutes residence 2 time 3: jan 1987 - dec 1990**
lonmt3r3	byte	%8.0g	* **longitude in minutes residence 3 time 3: jan 1987 - dec 1990**

lonmt3r4	byte	%8.0g		* **longitude in minutes residence 4 time 3: jan 1987 - dec 1990**
mntht3r1	byte	%10.0g		* **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
beft3r1	byte	%15.0g	LABC	did you consume beef in residence 1 time 3: jan 1987 - dec 1990
beft3r2	byte	%15.0g	LABC	did you consume beef in residence 2 time 3: jan 1987 - dec 1990

beft3r3	byte	%15.0g	LABC	**did you consume beef in residence 3 time 3: jan 1987 - dec 1990**
beft3r4	byte	%15.0g	LABC	**did you consume beef in residence 4 time 3: jan 1987 - dec 1990**
sbeft3r1	byte	%20.0g	LABN	**source of beef in residence 1 time 3: jan 1987 - dec 1990**
sbeft3r2	byte	%20.0g	LABN	**source of beef in residence 2 time 3: jan 1987 - dec 1990**
sbeft3r3	byte	%20.0g	LABN	**source of beef in residence 3 time 3: jan 1987 - dec 1990**
sbeft3r4	byte	%20.0g	LABN	**source of beef in residence 4 time 3: jan 1987 - dec 1990**
gbeft3r1	long	%8.0g		*** quantity (in grams) of beef per week residence 1 time 3: jan 1987 - dec 1990**
gbeft3r2	int	%8.0g		*** quantity (in grams) of beef per week residence 2 time 3: jan 1987 - dec 1990**
gbeft3r3	int	%8.0g		*** quantity (in grams) of beef per week residence 3 time 3: jan 1987 - dec 1990**
gbeft3r4	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 paultry in residence 4 time 3: jan 1987 - dec 1990**
gpltt3r1	long	%8.0g		*** quantity (in grams) of paultry per week residence 1 time 3: jan 1987 - dec 1990**

gpltt3r2	int	%8.0g		* **quantity (in grams) of paultry per week residence 2 time 3: jan 1987 - dec 1990**
gpltt3r3	int	%8.0g		* **quantity (in grams) of paultry per week residence 3 time 3: jan 1987 - dec 1990**
gpltt3r4	int	%8.0g		* **quantity (in grams) of paultry 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 1991-now**
sett4r3	str32	%32s		**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	**ocupation when in residence 1 time 4: jan 1991-now**
occt4r2	byte	%22.0g	LABM	**ocupation when in residence 2 time 4: jan 1991-now**
occt4r3	byte	%22.0g	LABM	**ocupation when in residence 3 time 4: jan 1991-now**

occt4r4	byte	%22.0g	LABM	**ocupation when in residence 4 time 4: jan 1991-now**
ldrt4r1	byte	%15.0g	LABC	**did you consume liquid dairy products in residence 1 time 4: jan 1991-now**
ldrt4r2	byte	%15.0g	LABC	**did you consume liquid dairy products in residence 2 time 4: jan 1991-now**
ldrt4r3	byte	%15.0g	LABC	**did you consume liquid dairy products in residence 3 time 4: jan 1991-now**
ldrt4r4	byte	%15.0g	LABC	**did you consume liquid dairy products in residence 4 time 4: jan 1991-now**
sldrt4r1	byte	%20.0g	LABN	* **source of liquid dairy products in residence 1 time 4: jan 1991-now**
sldrt4r2	byte	%20.0g	LABN	* **source of liquid dairy products in residence 2 time 4: jan 1991-now**
sldrt4r3	byte	%20.0g	LABN	* **source of liquid dairy products in residence 3 time 4: jan 1991-now**
sldrt4r4	byte	%20.0g	LABN	* **source of liquid dairy products in residence 4 time 4: jan 1991-now**
mlldt4r1	int	%8.0g		* **quantity (in ml) of liquid dairy products in residence 1 time 4: jan 1991-now**
mlldt4r2	int	%8.0g		* **quantity (in ml) of liquid dairy products in residence 2 time 4: jan 1991-now**
mlldt4r3	int	%8.0g		* **quantity (in ml) of liquid dairy products in residence 3 time 4: jan 1991-now**
mlldt4r4	int	%8.0g		* **quantity (in ml) of liquid dairy products in residence 4 time 4: jan 1991-now**
sdrt4r1	byte	%15.0g	LABC	* **did you consume solid dairy products in residence 1 time 4: jan 1991-now**
sdrt4r2	byte	%15.0g	LABC	* **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 4 time 4: jan 1991-now
gpott4r1	long	%8.0g		* 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
beft4r1	byte	%15.0g	LABC	did you consume beef in residence 1 time 4: jan 1991-now
beft4r2	byte	%15.0g	LABC	did you consume beef in residence 2 time 4: jan 1991-now
beft4r3	byte	%15.0g	LABC	did you consume beef in residence 3 time 4: jan 1991-now

beft4r4	byte	%15.0g	LABC	**did you consume beef in residence 4 time 4: jan 1991-now**
sbeft4r1	byte	%20.0g	LABN	**source of beef in residence 1 in time 4: jan 1991-now**
sbeft4r2	byte	%20.0g	LABN	**source of beef in residence 2 in time 4: jan 1991-now**
sbeft4r3	byte	%20.0g	LABN	**source of beef in residence 3 in time 4: jan 1991-now**
sbeft4r4	byte	%20.0g	LABN	**source of beef in residence 4 in time 4: jan 1991-now**
gbeft4r1	long	%8.0g		* **quantity of beef (in grams) per week in residence 1 in time 4: jan 1991-now**
gbeft4r2	int	%8.0g		* **quantity of beef (in grams) per week in residence 2 in time 4: jan 1991-now**
gbeft4r3	int	%8.0g		* **quantity of beef (in grams) per week in residence 3 in time 4: jan 1991-now**
gbeft4r4	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 paultry (in grams) per week in residence 2 in time 4: jan 1991-now**

gpltt4r3	int	%8.0g		* **quantity of paultry (in grams) per week in residence 3 in time 4: jan 1991-now**
gpltt4r4	int	%8.0g		* **quantity of paultry (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
cssetgoa	byte	%15.0g	LABB		set some goals for yourself to deal with the situation?
cswghopt	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
csstngs	byte	%15.0g	LABB		thought about what needed to be done to straighten things out?
csflatt	byte	%15.0g	LABB		turned your full attention to solving the problem?
csactpl	byte	%15.0g	LABB		formed a plan of action in your mind?
cstv	byte	%15.0g	LABB		watched television more than usual?
csfrndpr	byte	%15.0g	LABB		went to someone (friend or professional) in order to help you feel better?
csstndfr	byte	%15.0g	LABB		stood firm and fought for what you wanted in the situation?
csavdppl	byte	%15.0g	LABB		avoided being with people in general?
cshbspor	byte	%15.0g	LABB		buried yourself in a hobby or sports activity to avoid the problem?
csfriend	byte	%15.0g	LABB		went to a friend to help you feel better about the problem?
csadvice	byte	%15.0g	LABB		went to a friend for advice on how to change the situation?
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?
csfantsy	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	iím 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	iíve forgotten what itís like to enjoy myself
hponedge	byte	%12.0g	HPLabel	iím feeling on edge
hpcngpos	byte	%12.0g	HPLabel	i find it painful to change position
hplonely	byte	%12.0g	HPLabel	i feel lonely
hpwlkinr	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
hpwkgrly	byte	%12.0g	HPLabel	iím waking up in the early hours of the morning
hpnowlk	byte	%12.0g	HPLabel	iím unable to walk at all
hphrdcnt	byte	%12.0g	HPLabel	iím finding it hard to make contact with people
hpdaydrg	byte	%12.0g	HPLabel	the days seem to drag
hpstairs	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
hpwlkpai	byte	%12.0g	HPLabel	iím in pain when i walk
hptemper	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**
hpproint	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 donít 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	LABE	**feeling so restless you couldnít sit still**
bsworth	byte	%20.0g	LABE	**feelings of worthlessness**
bsadvan	byte	%20.0g	LABE	**feeling that people will take advantage of you if you let**

				them
bsguilt	byte	%20.0g	LABE	**feeling of guilt**
bswrong	byte	%20.0g	LABE	**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 subscale
BSIdep	byte	%9.0g		Basic symptom inventory Depression subscale
BSIanx	byte	%9.0g		Basic symptom inventory Anxiety subscale
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 alseep easily at night (reversal of ffallas)
MiPTSD	byte	%9.0g		Misssissipi post-traumatic stress disorder scale
apprxage	int	%9.0g		
iyr	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 in mGy ending 12/31/1986
avgcumdosew1	double	%8.0g		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**
wave1summary	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**
bffel1	float	%9.0g			**max(0, BSIdep-8)**
bffel2	float	%9.0g			**max(0, BSIdep-15)**
bffel3	float	%9.0g			**max(0, 23-BSIsoma)**
bffel4	float	%9.0g			**max(0, phlthw3 - 40)**
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

220 . set more off

221 . regress WHPel age educ2-educ7 marrw31-marrw33 marrw35 childw3 ///
    >   emplw32-emplw34 occ1w3-occ7w3 inc1w3-inc4w3 radhlw3 radchw3 ///
    >   radtlw3 havmil bffel1 bffel2 bffel3 bffel4  ///
    >    carcin healthef ///
    >     dvcew3 sepaw3 ///
    >    shhlw3 shhousw3 phlthw3 suprtw3 illw3 fdferw3 BSIdep BSIanx HP2sxlife MiP
    > TSD ///
    >    dafter near chsize polprw3 icdxcnt if gender==2, vce(cluster id)

    Linear regression                               Number of obs =     355
                                                    F( 51,   354) =       .
                                                    Prob > F      =       .
                                                    R-squared     =  0.5781
                                                    Root MSE      =  24.356
```

(Std. Err. adjusted for **355** clusters in id)

WHPel	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
age	-.2759494	.1769753	-1.56	0.120	-.6240045	.0721057
educ2	-8.067895	11.05898	-0.73	0.466	-29.81746	13.68167
educ3	-7.440623	9.697481	-0.77	0.443	-26.51254	11.6313
educ4	-3.403929	11.03598	-0.31	0.758	-25.10825	18.30039
educ5	-10.54435	10.02808	-1.05	0.294	-30.26645	9.17774
educ6	-13.01428	9.629297	-1.35	0.177	-31.9521	5.92354
educ7	-11.26902	10.53858	-1.07	0.286	-31.99512	9.457073
marrw31	-9.726842	6.650122	-1.46	0.144	-22.80556	3.351872
marrw32	-27.81817	9.612789	-2.89	0.004	-46.72353	-8.912813
marrw33	-9.157711	6.720658	-1.36	0.174	-22.37515	4.059726
marrw35	-2.744385	6.433326	-0.43	0.670	-15.39673	9.90796
childw3	1.010367	2.050155	0.49	0.622	-3.021649	5.042382
emplw32	.4228199	5.706994	0.07	0.941	-10.80106	11.6467
emplw33	37.50265	7.864598	4.77	0.000	22.03544	52.96986
emplw34	5.093332	6.390726	0.80	0.426	-7.475232	17.6619
occ1w3	8.823129	8.30572	1.06	0.289	-7.51163	25.15789
occ2w3	8.448794	8.577043	0.99	0.325	-8.419572	25.31716
occ3w3	11.60145	8.321335	1.39	0.164	-4.764023	27.96691
occ4w3	-2.787309	14.98747	-0.19	0.853	-32.26298	26.68837
occ5w3	12.49563	11.01006	1.13	0.257	-9.157733	34.14899
occ6w3	4.833252	11.20098	0.43	0.666	-17.19558	26.86208
occ7w3	4.094571	7.818663	0.52	0.601	-11.2823	19.47144
inc1w3	1.194498	8.195167	0.15	0.884	-14.92284	17.31183
inc2w3	-5.896874	8.383306	-0.70	0.482	-22.38422	10.59047
inc3w3	-3.097696	8.629219	-0.36	0.720	-20.06868	13.87328
inc4w3	1.719142	11.73389	0.15	0.884	-21.35776	24.79605
radhlw3	-.0227151	.0497342	-0.46	0.648	-.1205267	.0750966
radchw3	-.0655229	.0553316	-1.18	0.237	-.174343	.0432971
radtlw3	.0810456	.0569594	1.42	0.156	-.0309757	.1930669
havmil	-.0132362	.0040875	-3.24	0.001	-.021275	-.0051974
bffel1	-4.010318	2.531457	-1.58	0.114	-8.988904	.968268
bffel2	-.3698568	1.830515	-0.20	0.840	-3.969908	3.230194
bffel3	-2.645564	.5180673	-5.11	0.000	-3.66444	-1.626687
bffel4	-.7660239	.3831455	-2.00	0.046	-1.519552	-.0124962
carcin	-.0672381	.1551611	-0.43	0.665	-.3723915	.2379152
healthef	.0374599	.1556797	0.24	0.810	-.2687136	.3436333
dvcew3	-8.142133	6.675723	-1.22	0.223	-21.2712	4.986931
sepaw3	2.441086	6.781534	0.36	0.719	-10.89608	15.77825
shhlw3	.0901211	.0577369	1.56	0.119	-.0234294	.2036715
shhousw3	-.0818015	.0560894	-1.46	0.146	-.1921118	.0285088
phlthw3	.2729528	.354908	0.77	0.442	-.4250405	.970946
suprtw3	-.0348843	.0580557	-0.60	0.548	-.1490618	.0792931
illw3	-1.645979	1.53538	-1.07	0.284	-4.665592	1.373635
fdferw3	.1288999	.0630745	2.04	0.042	.004852	.2529477

```
      BSIdep |   3.625769   2.000544     1.81   0.071    -.3086754    7.560214
      BSIanx |   .2801712   .6176859     0.45   0.650    -.9346241    1.494967
   HP2sxlife |   10.30592   4.344755     2.37   0.018     1.761147     18.8507
      MiPTSD |   .1527354   .1988061     0.77   0.443    -.2382541    .5437249
      dafter |   .0229974   .2856012     0.08   0.936    -.5386909    .5846858
        near |  -.0015475   .0455375    -0.03   0.973    -.0911056    .0880105
      chsize |   .1243422   .0569322     2.18   0.030     .0123744     .23631
     polprw3 |  -.0861614   .0442859    -1.95   0.052    -.1732579    .0009351
     icdxcnt |  -.6244865   .6722292    -0.93   0.354    -1.946552    .6975786
       _cons |   48.26341   26.55843     1.82   0.070    -3.968733    100.4956
------------------------------------------------------------------------------

222 .
223 . scalar fw3wbf = e(r2_a)

224 .
225 . title "Wave 3 trimmed Female" "dose energy level response model with basis f
    > unctions"


    ********************************************************************************
    > *
    ********************************************************************************
    > *
    *****                                                                      ****
    > *
    *****                                                                      ****
    > *
    *****                      Wave 3 trimmed Female                           ****
    > *
    *****       dose energy level response model with basis functions          ****
    > *
    *****                                                                      ****
    > *
    *****                                                                      ****
    > *
    *****                                          27 Jun 2012    13:01:43   ****
    > *
    ********************************************************************************
    > *
    ********************************************************************************
    > *
```

```
226 . des WHPel age educ2-educ7 emplw32-emplw34  radchw3 ///
    >     bffel3 bffel4 carcin healthef near chsize icdxcnt

              storage  display     value
variable name   type   format      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
bffel3          float  %9.0g                  max(0, 23-BSIsoma)
bffel4          float  %9.0g                  max(0, phlthw3 - 40)
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
```

```
227 .
228 . set more off

229 . regress WHPel age ///
>   emplw32-emplw34  marrw31-marrw35  ///
>    havmil  bffel3 bffel4  ///
>    chsize fdferw3 HP2sxlife polprw3  ///
>     if gender==2, vce(cluster id)
```

Linear regression

Number of obs =	**363**
F(15, 362) =	**.**
Prob > F =	**.**
R-squared =	**0.5144**
Root MSE =	**24.55**

(Std. Err. adjusted for **363** clusters in id)

WHPel	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
age	**-.252117**	**.1542576**	**-1.63**	**0.103**	**-.5554706**	**.0512366**
emplw32	**4.357057**	**5.59339**	**0.78**	**0.437**	**-6.642561**	**15.35668**
emplw33	**33.44934**	**3.069158**	**10.90**	**0.000**	**27.41372**	**39.48496**
emplw34	**4.811881**	**4.166662**	**1.15**	**0.249**	**-3.382021**	**13.00578**
marrw31	**-10.11324**	**6.393805**	**-1.58**	**0.115**	**-22.68691**	**2.460424**
marrw32	**-24.71168**	**7.379588**	**-3.35**	**0.001**	**-39.22392**	**-10.19943**
marrw33	**-8.780992**	**5.229694**	**-1.68**	**0.094**	**-19.06539**	**1.503404**
marrw34	**-3.701626**	**9.350764**	**-0.40**	**0.692**	**-22.09027**	**14.68701**
marrw35	**-2.184342**	**6.830966**	**-0.32**	**0.749**	**-15.6177**	**11.24902**
havmil	**-.0150694**	**.0032975**	**-4.57**	**0.000**	**-.0215541**	**-.0085848**
bffel3	**-2.698612**	**.3849553**	**-7.01**	**0.000**	**-3.455641**	**-1.941582**
bffel4	**-.5140693**	**.0872611**	**-5.89**	**0.000**	**-.6856716**	**-.3424671**
chsize	**.098514**	**.0491847**	**2.00**	**0.046**	**.0017905**	**.1952375**
fdferw3	**.119724**	**.0592927**	**2.02**	**0.044**	**.0031226**	**.2363255**
HP2sxlife	**9.664466**	**4.210547**	**2.30**	**0.022**	**1.384261**	**17.94467**
polprw3	**-.0993304**	**.0370265**	**-2.68**	**0.008**	**-.1721445**	**-.0265163**
_cons	**85.92698**	**11.35795**	**7.57**	**0.000**	**63.59113**	**108.2628**

```
230 . scalar tw3bf = e(r2_a)

231 . scalar list tw3bf
         tw3bf =  .49196283

232 .
233 . set more off

234 . regress WHPel age educ2-educ7 marrw31-marrw35 ///
    >   emplw32-emplw34   ///
    >     HP2sxlife polprw3 ///
    >    chsize fdferw3 if gender==2, vce(cluster id)

Linear regression                               Number of obs =     363
                                                F( 17,   362) =       .
                                                Prob > F      =       .
                                                R-squared     =  0.3096
                                                Root MSE      =  29.401

                                   (Std. Err. adjusted for 363 clusters in id)
------------------------------------------------------------------------------
             |               Robust
      WHPel |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         age |   .1579539   .1891972     0.83   0.404    -.2141097    .5300175
       educ2 |  -7.497616   9.945752    -0.75   0.451    -27.05632    12.06109
       educ3 |  -6.881543   8.001235    -0.86   0.390    -22.61628    8.853196
       educ4 |  -11.59169   10.62035    -1.09   0.276    -32.47702    9.293635
       educ5 |  -20.96652   8.388711    -2.50   0.013    -37.46325   -4.469797
       educ6 |  -21.07509   7.968409    -2.64   0.009    -36.74527     -5.4049
       educ7 |  -15.00254   9.506012    -1.58   0.115    -33.69648    3.691407
     marrw31 |  -12.67764   7.668456    -1.65   0.099    -27.75795    2.402678
     marrw32 |  -29.66869   9.062207    -3.27   0.001    -47.48987   -11.84751
     marrw33 |  -5.080588   6.191104    -0.82   0.412    -17.25564    7.094459
     marrw34 |   1.371925   10.14818     0.14   0.893    -18.58486    21.32871
     marrw35 |   2.720602   8.133954     0.33   0.738    -13.27513    18.71634
     emplw32 |  -1.469521   6.487287    -0.23   0.821    -14.22702    11.28798
     emplw33 |   38.93113   3.811978    10.21   0.000     31.43473    46.42753
     emplw34 |   6.819164   4.926195     1.38   0.167     -2.86839    16.50672
    HP2sxlife |   21.56192   4.470366     4.82   0.000     12.77078    30.35307
     polprw3 |  -.0825698   .0424588    -1.94   0.053    -.1660667     .000927
      chsize |    .188766   .0556589     3.39   0.001     .0793106    .2982214
     fdferw3 |   .1841778   .0693084     2.66   0.008     .0478801    .3204755
       _cons |   24.44352   16.52997     1.48   0.140    -8.063301    56.95034
------------------------------------------------------------------------------
```

```
235 .
236 .  scalar tw3nobf=e(r2_a)

237 .  scalar list tw3nobf
      tw3nobf =  .27136786

238 .
239 . title "Wave 3 Female energy level Moderator analysis"
```

```
*******************************************************************************
> *
*******************************************************************************
> *
*****                                                                      ****
> *
*****                                                                      ****
> *
*****           Wave 3 Female energy level Moderator analysis              ****
> *
*****                                                                      ****
> *
*****                                                                      ****
> *
*****                                          27 Jun 2012    13:01:43   ****
> *
*******************************************************************************
> *
*******************************************************************************
> *
```

```
240 .
241 .  regress WHPel age marrw31-marrw35   ///
    >   emplw32-emplw34  ///
    >    bffel3 bffel4 HP2sxlife polprw3 ///
    >     chsize fdferw3 if gender==2, vce(cluster id)

Linear regression                               Number of obs =     363
                                                F( 14,   362) =       .
                                                Prob > F      =       .
                                                R-squared     =  0.5051
                                                Root MSE      =  24.749
```

(Std. Err. adjusted for **363** clusters in id)

WHPel	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
age	**-.2297273**	**.1544884**	**-1.49**	**0.138**	**-.5335348**	**.0740802**
marrw31	**-9.146042**	**6.344988**	**-1.44**	**0.150**	**-21.62371**	**3.331623**
marrw32	**-23.59281**	**7.300236**	**-3.23**	**0.001**	**-37.949**	**-9.236609**
marrw33	**-9.025013**	**5.189178**	**-1.74**	**0.083**	**-19.22973**	**1.179707**
marrw34	**-2.55032**	**9.311925**	**-0.27**	**0.784**	**-20.86258**	**15.76194**
marrw35	**-1.618189**	**6.794026**	**-0.24**	**0.812**	**-14.97891**	**11.74253**
emplw32	**5.30383**	**5.592294**	**0.95**	**0.344**	**-5.693634**	**16.30129**
emplw33	**34.63875**	**3.045021**	**11.38**	**0.000**	**28.65059**	**40.6269**
emplw34	**4.582467**	**4.219707**	**1.09**	**0.278**	**-3.715751**	**12.88069**
bffel3	**-2.734132**	**.3855286**	**-7.09**	**0.000**	**-3.492289**	**-1.975975**
bffel4	**-.503308**	**.0876302**	**-5.74**	**0.000**	**-.6756362**	**-.3309797**
HP2sxlife	**10.03827**	**4.236743**	**2.37**	**0.018**	**1.706546**	**18.36999**
polprw3	**-.0959756**	**.0369922**	**-2.59**	**0.010**	**-.1687222**	**-.023229**
chsize	**.1004322**	**.0491846**	**2.04**	**0.042**	**.0037089**	**.1971556**
fdferw3	**.0995012**	**.0627599**	**1.59**	**0.114**	**-.0239186**	**.222921**
_cons	**83.1245**	**11.27093**	**7.38**	**0.000**	**60.95978**	**105.2892**

```
242 .
243 .   foreach var in age marrw31-marrw35 emplw32-emplw34 bffel3 ///
    >       bffel4 HP2sxlife polprw3 chsize fdferw3 {
      2.    cap gen `var'Xd3 = `var'*avgcumdosew3
      3.    }

244 .
245 .  regress WHPel age educ2-educ7 emplw32-emplw34  ///
    >     bffel3 bffel4 HP2sxlife polprw3 chsize fdferw3 ///
    >     chsize bffel3Xd3-fdferw3Xd3 if gender==2, vce(cluster id)
    note: chsize omitted because of collinearity

    Linear regression                               Number of obs =     363
                                                    F( 20,   362) =       .
                                                    Prob > F      =       .
                                                    R-squared     =  0.5050
                                                    Root MSE      =  25.004
```

(Std. Err. adjusted for **363** clusters in id)

WHPel	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
age	**-.1145808**	**.1622602**	**-0.71**	**0.481**	**-.4336718**	**.2045102**
educ2	**-1.388224**	**6.139093**	**-0.23**	**0.821**	**-13.46099**	**10.68454**
educ3	**-2.213477**	**5.065147**	**-0.44**	**0.662**	**-12.17429**	**7.747332**
educ4	**.6617375**	**8.164668**	**0.08**	**0.935**	**-15.3944**	**16.71787**
educ5	**-6.697755**	**6.200127**	**-1.08**	**0.281**	**-18.89055**	**5.495035**
educ6	**-7.837643**	**5.208671**	**-1.50**	**0.133**	**-18.0807**	**2.40541**
educ7	**2.100475**	**10.57725**	**0.20**	**0.843**	**-18.70009**	**22.90104**
emplw32	**5.508893**	**5.975185**	**0.92**	**0.357**	**-6.24154**	**17.25933**
emplw33	**35.95774**	**3.227892**	**11.14**	**0.000**	**29.60997**	**42.30552**
emplw34	**2.863078**	**4.445936**	**0.64**	**0.520**	**-5.880028**	**11.60618**
bffel3	**-2.26055**	**.4447084**	**-5.08**	**0.000**	**-3.135087**	**-1.386014**
bffel4	**-.5594371**	**.1038223**	**-5.39**	**0.000**	**-.7636077**	**-.3552664**
HP2sxlife	**13.04373**	**5.03538**	**2.59**	**0.010**	**3.141459**	**22.946**
polprw3	**-.1205836**	**.0461963**	**-2.61**	**0.009**	**-.2114305**	**-.0297367**
chsize	**.0818657**	**.0559586**	**1.46**	**0.144**	**-.0281791**	**.1919105**
fdferw3	**.1027104**	**.0755141**	**1.36**	**0.175**	**-.0457909**	**.2512118**
chsize	**0**	(omitted)				
bffel3Xd3	**-.3512805**	**.1377059**	**-2.55**	**0.011**	**-.6220845**	**-.0804764**
bffel4Xd3	**.0408172**	**.0360525**	**1.13**	**0.258**	**-.0300814**	**.1117159**
HP2sxlifeXd3	**-2.3102**	**1.720596**	**-1.34**	**0.180**	**-5.693818**	**1.073418**
polprw3Xd3	**.0232337**	**.0192761**	**1.21**	**0.229**	**-.0146735**	**.061141**
chsizeXd3	**.0211781**	**.0266518**	**0.79**	**0.427**	**-.0312337**	**.0735899**
fdferw3Xd3	**-.0329663**	**.0235188**	**-1.40**	**0.162**	**-.079217**	**.0132843**
_cons	**74.30498**	**11.32952**	**6.56**	**0.000**	**52.02503**	**96.58493**

```
246 .
247 . *   there are no moderators at wave3 of WHPel analysis
248 .
249 .
250 . // r2 without bf = .153
251 .
```

```
252 .
253 . scalar tw3bfw3 = e(r2_a)

254 .
255 .
256 . // r2 with bf = .3109
257 .
258 . // r2 due to bf = .1579
259 .
260 . // comparison model is identical r2 : here we substituted the components
261 .
262 .
263 . scalar w3numbf = 2

264 .
265 . scalar r2chabfw3 = tw3bf - tw3nobf

266 . scalar avgImpBF = r2chabfw3/w3numbf

267 . scalar numModsw3 = 0

268 . scalar numMedsw3 =8

269 .
270 . scalar list
    W2FemaleELmed = age radfmw3 BSIanx BSIdep icdxcnt radhlw3 illw3 and Hp2sxlife
     numMedsw3 =          8
     numModsw3 =          0
      avgImpBF =  .11029749
     r2chabfw3 =  .22059497
       w3numbf =          2
       tw3bfw3 =  .47297697
    W2FemaleELMed = age and radfmw2 radhlw2 radchw2 illw2 BSIanx BSIdep icdxcnt hp
    > 2sxlife
       tw3nobf =  .27136786
         tw3bf =  .49196283
        fw3wbf =   .5038513
     numMedsw2 =          9
       tw2bfw2 =  .48481206
    avgImpBFw2 = -.00825204
     r2chabfw2 = -.01650409
     NumMedsw2 =          9
     numModsw2 =          0
     w2numbfw2 =          2
     tw2nobfw2 =  .48481206
      tw2wbfw2 =  .46830797
      fw2wbfw2 =  .49768384
    W1numMELMeds =          8
    W1FemaleELMed = age icdxcnt BSIdep depagw1 BSIanx anxagw1 PTSDw1 HP2sxlife
```

```
    w1numMElMeds =          2
    w1nuFemaleElmods =          0
    avgImpBFw1 =  .04665114
       w1numbf =          2
       r2chabf =  .09330229
       tw1nobf =  .42403233
         tw1bf =  .51733462
           fw1 =  .48697432

271 . matrix define FemaleWHPelr2w3 = (fw3wbf, tw3bf, tw3nobf, w3numbf,  r2chabfw3
    > , avgImpBF, numModsw3, numMedsw3)

272 . matrix colnames FemaleWHPelr2w3 = FullBFR2a TR2aBF  TR2aNoBF  NumBF  BFR2cha
    >  avgImpBF numModsw3 numMedsw3

273 . matrix rownames FemaleWHPelr2w3 = wave3

274 . matlist FemaleWHPelr2w3

                 | FullBFR2a     TR2aBF   TR2aNoBF      NumBF    BFR2cha   avgImpB
    > F  numModsw3  numMedsw3
    -------------+---------------------------------------------------------------
    > -------------------------
           wave3 |  .5038513   .4919628   .2713679          2    .220595   .110297
    > 5          0          8

275 .
276 . matrix define FemaleWHPelr2 = (FemaleWHPelr2w1 \ FemaleWHPelr2w2 \ FemaleWHP
    > elr2w3 )

277 . matlist FemaleWHPelr2

                 | FullBFR2a     TR2aBF   TR2aNoBF      NumBF    BFR2cha   AvgImpB
    > F  w1numMods  w1numMeds
    -------------+---------------------------------------------------------------
    > -------------------------
           wave1 |  .4869743   .5173346   .4240323          2   .0933023   .046651
    > 1          0          2
           wave2 |  .4976838   .4848121   .4848121          2  -.0165041   -.00825
    > 2          1          9
           wave3 |  .5038513   .4919628   .2713679          2    .220595   .110297
    > 5          0          8
```

```
278 .
279 .
280 .
281 . title "Wave 3 Female mediation analysis"

    ********************************************************************************
    > *
    ********************************************************************************
    > *
    *****                                                                      ****
    > *
    *****                                                                      ****
    > *
    *****                  Wave 3 Female mediation analysis                    ****
    > *
    *****                                                                      ****
    > *
    *****                                                                      ****
    > *
    *****                                          27 Jun 2012    13:01:43   ****
    > *
    ********************************************************************************
    > *
    ********************************************************************************
    > *



282 .
283 . title "age, threat to family,  illness during wave 3, and sex life" "are pos
    > sible Female mediators of energy level in wave 3"

    ********************************************************************************
    > *
    ********************************************************************************
    > *
    *****                                                                      ****
    > *
    *****                                                                      ****
    > *
    *****    age, threat to family,  illness during wave 3, and sex life       ****
    > *
    *****      are possible Female mediators of energy level in wave 3         ****
    > *
    *****                                                                      ****
    > *
    *****                                                                      ****
```

```
> *
*****                                                  27 Jun 2012    13:01:43  ****
> *
********************************************************************************
> *
********************************************************************************
> *


284 .
285 . cap gen whpel = WHPel

286 . sem(avgcumdosew3->age)(age->whpel) if gender==2, nocapslatent

    Endogenous variables

    Observed:  age whpel

    Exogenous variables

    Observed:  avgcumdosew3

    Fitting target model:

    Iteration 0:   log likelihood = -3904.5851
    Iteration 1:   log likelihood = -3904.5851

    Structural equation model                       Number of obs      =       363
    Estimation method  = ml
    Log likelihood     = -3904.5851

------------------------------------------------------------------------------
> ----
                 |                 OIM
                 |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Inter
> val]
-----------------+------------------------------------------------------------
> ----
Structural       |
  age <-         |
    avgcumdosew3 |   1.058366   .3502924     3.02   0.003      .3718061    1.74
> 4927
           _cons |   48.94293   .7447571    65.72   0.000     47.48323    50.4
> 0263
-----------------+------------------------------------------------------------
> ----
  whpel <-       |
             age |   .9770812   .1434361     6.81   0.000     .6959517    1.25
```

```
> 8211
           _cons |   -17.2271   7.400508    -2.33   0.020    -31.73183   -2.72
> 2368
-----------------+------------------------------------------------------------
> -----
Variance         |
           e.age |   137.0097   10.16981                      118.4593     158
> .465
         e.whpel |   1048.966   77.86154                      906.9413    1213
> .231
-----------------+------------------------------------------------------------
> -----
LR test of model vs. saturated: chi2(1)   =      0.91, Prob > chi2 = 0.3412

287 . sem(avgcumdosew3->illw3)(illw3->whpel) if gender==2, nocapslatent

Endogenous variables

Observed:  illw3 whpel

Exogenous variables

Observed:  avgcumdosew3

Fitting target model:

Iteration 0:   log likelihood =  -3071.712
Iteration 1:   log likelihood =  -3071.712

Structural equation model                       Number of obs      =       363
Estimation method  = ml
Log likelihood     =  -3071.712

-----------------+------------------------------------------------------------
> -----
                 |                 OIM
                 |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Inter
> val]
-----------------+------------------------------------------------------------
> -----
Structural       |
  illw3 <-       |
    avgcumdosew3 |   .1284565   .0341324     3.76   0.000     .0615584    .195
> 3547
           _cons |   .5563644   .0725688     7.67   0.000     .4141321    .698
> 5968
  ---------------+------------------------------------------------------------
> -----
  whpel <-       |
```

```
            illw3 |   6.665081   1.512922     4.41   0.000     3.699809    9.63
> 0353
            _cons |   27.09975   2.061546    13.15   0.000     23.05919    31.1
> 4031
------------------+------------------------------------------------------------
> ----
Variance          |
         e.illw3 |   1.300836   .0965571                      1.124709    1.50
> 4543
         e.whpel |   1123.014   83.35795                      970.9642    1298
> .875
------------------+------------------------------------------------------------
> ----
LR test of model vs. saturated: chi2(1)   =      1.23, Prob > chi2 = 0.2682

288 . sem(avgcumdosew3->radchw3)(radchw3->whpel) if gender==2, nocapslatent

Endogenous variables

Observed:  radchw3 whpel

Exogenous variables

Observed:  avgcumdosew3

Fitting target model:

Iteration 0:   log likelihood = -4318.9441
Iteration 1:   log likelihood = -4318.9441

Structural equation model                       Number of obs      =       363
Estimation method  = ml
Log likelihood     = -4318.9441

------------------+------------------------------------------------------------
> ----
                  |                 OIM
                  |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Inter
> val]
------------------+------------------------------------------------------------
> ----
Structural        |
  radchw3 <-      |
    avgcumdosew3 |   1.497864   1.033363     1.45   0.147    -.5274916    3.52
> 3219
            _cons |    59.6792   2.197035    27.16   0.000     55.37309    63.9
> 8531
  ----------------+------------------------------------------------------------
> ----
```

```
  whpel <-
        radchw3 |   .0304354   .0521068     0.58   0.559    -.0716919    .132
> 5628
          _cons |   29.96576   3.676737     8.15   0.000     22.75949    37.1
> 7204
----------------+----------------------------------------------------------------
> ----
Variance        |
       e.radchw3 |   1192.329   88.50296                      1030.894    1379
> .044
         e.whpel |   1181.946   87.73224                      1021.917    1367
> .035
----------------+----------------------------------------------------------------
> ----
LR test of model vs. saturated: chi2(1)   =      3.44, Prob > chi2 = 0.0635

289 . sem(avgcumdosew3->radhlw3)(radhlw3->whpel) if gender==2, nocapslatent

Endogenous variables

Observed:  radhlw3 whpel

Exogenous variables

Observed:  avgcumdosew3

Fitting target model:

Iteration 0:   log likelihood = -4306.5072
Iteration 1:   log likelihood = -4306.5072

Structural equation model                       Number of obs      =       363
Estimation method  = ml
Log likelihood     = -4306.5072

----------------+----------------------------------------------------------------
> ----
                |                 OIM
                |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Inter
> val]
----------------+----------------------------------------------------------------
> ----
Structural      |
  radhlw3 <-    |
    avgcumdosew3 |   2.751602   1.027538     2.68   0.007     .7376654    4.76
> 5539
          _cons |   57.70689   2.184649    26.41   0.000     53.42506    61.9
> 8873
  ----------------+----------------------------------------------------------------
```

```
> ———
  whpel <-
         radhlw3 |   .2357876   .0505744     4.66   0.000     .1366636     .334
> 9117
           _cons |   17.45062    3.54919     4.92   0.000     10.49434      24.
> 4069
-----------------+------------------------------------------------------------
> ———
Variance
        e.radhlw3 |   1178.923   87.50785                      1019.303     1363
> .539
         e.whpel |   1116.219   82.85352                      965.0886     1291
> .015
-----------------+------------------------------------------------------------
> ———
LR test of model vs. saturated: chi2(1)   =      1.72, Prob > chi2 = 0.1901

290 . sem(avgcumdosew3->icdxcnt)(icdxcnt->whpel) if gender==2, nocapslatent

Endogenous variables

Observed:  icdxcnt whpel

Exogenous variables

Observed:  avgcumdosew3

Fitting target model:

Iteration 0:   log likelihood = -3331.1321
Iteration 1:   log likelihood = -3331.1321

Structural equation model                       Number of obs      =       363
Estimation method  = ml
Log likelihood     = -3331.1321

-----------------+------------------------------------------------------------
> ———
                 |                 OIM
                 |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Inter
> val]
-----------------+------------------------------------------------------------
> ———
Structural       |
  icdxcnt <-     |
    avgcumdosew3 |    .152897   .0689688     2.22   0.027     .0177206     .288
> 0735
           _cons |   2.981537   .1466348    20.33   0.000     2.694138     3.26
> 8936
```

```
-------------+----------------------------------------------------------------
> -----
  whpel <-   |
         icdxcnt |   2.53141   .7666649     3.30   0.001     1.028775    4.03
> 4046
           _cons |   23.82427   3.008826     7.92   0.000     17.92708    29.7
> 2146
-------------+----------------------------------------------------------------
> -----
Variance     |
       e.icdxcnt |   5.311239   .3942371                      4.592126    6.14
> 2964
         e.whpel |   1148.561   85.25421                      993.0521    1328
> .423
-------------+----------------------------------------------------------------
> -----
LR test of model vs. saturated: chi2(1)   =      2.40, Prob > chi2 = 0.1215

291 . sem(avgcumdosew3->BSIdep)(BSIdep->whpel) if gender==2, nocapslatent

Endogenous variables

Observed:  BSIdep whpel

Exogenous variables

Observed:  avgcumdosew3

Fitting target model:

Iteration 0:   log likelihood = -3465.6013
Iteration 1:   log likelihood = -3465.6013

Structural equation model                       Number of obs      =       363
Estimation method  = ml
Log likelihood     = -3465.6013

-------------+----------------------------------------------------------------
> -----
             |                 OIM
             |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Inter
> val]
-------------+----------------------------------------------------------------
> -----
Structural   |
  BSIdep <-  |
    avgcumdosew3 |   .3811686   .1106861     3.44   0.001     .1642277    .598
> 1094
           _cons |   9.197558   .2353299    39.08   0.000      8.73632    9.65
```

```
> 8796
-------------+----------------------------------------------------------------
> -----
  whpel <-   |
          BSIdep |   4.186388   .4271144     9.80   0.000     3.349259    5.02
> 3517
           _cons |  -8.585374   4.425493    -1.94   0.052    -17.25918    .088
> 4327
-------------+----------------------------------------------------------------
> -----
Variance     |
         e.BSIdep |   13.67969   1.015402                      11.82754    15.8
> 2189
          e.whpel |    935.476   69.43754                      808.8175    1081
> .969
-------------+----------------------------------------------------------------
> -----
LR test of model vs. saturated: chi2(1)   =      0.15, Prob > chi2 = 0.6984
```

```
292 . sem(avgcumdosew3->BSIanx)(BSIanx->whpel) if gender==2, nocapslatent

Endogenous variables

Observed:  BSIanx whpel

Exogenous variables

Observed:  avgcumdosew3

Fitting target model:

Iteration 0:   log likelihood = -3464.9538
Iteration 1:   log likelihood = -3464.9538

Structural equation model                       Number of obs      =       363
Estimation method  = ml
Log likelihood     = -3464.9538
```

```
------------------------------------------------------------------------------
> ------
             |                 OIM
             |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Inter
> val]
-------------+----------------------------------------------------------------
> ------
Structural   |
  BSIanx <-  |
    avgcumdosew3 |   .4074564   .1071377     3.80   0.000     .1974703    .617
> 4425
       _cons |   8.488279   .2277857    37.26   0.000     8.041828    8.93
> 4731
-------------+----------------------------------------------------------------
> ------
  whpel <-   |
        BSIanx |   3.757288   .4534895     8.29   0.000     2.868465    4.64
> 6111
       _cons |  -1.895869   4.395133    -0.43   0.666    -10.51017    6.71
> 8433
-------------+----------------------------------------------------------------
> ------
Variance     |
      e.BSIanx |   12.81666   .9513419                      11.08135    14.8
> 2371
       e.whpel |   994.9118   73.84928                      860.206    1150
> .712
------------------------------------------------------------------------------
> ------
LR test of model vs. saturated: chi2(1)   =      0.20, Prob > chi2 = 0.6549

293 . sem(avgcumdosew3->PTSDw3)(PTSDw3->whpel) if gender==2, nocapslatent

Endogenous variables

Observed:  PTSDw3 whpel

Exogenous variables

Observed:  avgcumdosew3

Fitting target model:

Iteration 0:   log likelihood = -3806.8154
Iteration 1:   log likelihood = -3806.8154
```

```
Structural equation model                       Number of obs      =       363
Estimation method  = ml
Log likelihood     = -3806.8154

------------------------------------------------------------------------------
             |                 OIM
             |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Inter
> val]
-------------+----------------------------------------------------------------
> ----
Structural   |
  PTSDw3 <-  |
    avgcumdosew3 |   .1887747   .2539819     0.74   0.457    -.3090206      .6
> 8657
       _cons |   4.545116   .5399912     8.42   0.000     3.486752    5.60
> 3479
-------------+----------------------------------------------------------------
> ----
  whpel <-   |
        PTSDw3 |   .5096183   .2108654     2.42   0.016     .0963297    .922
> 9069
       _cons |   29.40502   2.054271    14.31   0.000     25.37873    33.4
> 3132
-------------+----------------------------------------------------------------
> ----
Variance     |
      e.PTSDw3 |   72.02699   5.346345                      62.27492    83.3
> 0621
       e.whpel |   1164.322   86.42408                      1006.679    1346
> .651
------------------------------------------------------------------------------
> ----
LR test of model vs. saturated: chi2(1)   =      3.30, Prob > chi2 = 0.0694

294 . sem(avgcumdosew3->radfmw3)(radfmw3->whpel) if gender==2, nocapslatent

Endogenous variables

Observed:  radfmw3 whpel

Exogenous variables

Observed:  avgcumdosew3

Fitting target model:
```

```
Iteration 0:   log likelihood = -4296.5055
Iteration 1:   log likelihood = -4296.5055

Structural equation model                       Number of obs      =       363
Estimation method  = ml
Log likelihood     = -4296.5055

------------------------------------------------------------------------------
> ----
                 |                 OIM
                 |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Inter
> val]
-----------------+------------------------------------------------------------
> ----
Structural       |
  radfmw3 <-     |
    avgcumdosew3 |   2.423642   .9998022     2.42   0.015      .4640659    4.38
> 3218
           _cons |   65.65475   2.125681    30.89   0.000       61.4885    69.8
> 2101
-----------------+------------------------------------------------------------
> ----
  whpel <-       |
       radfmw3   |   .2435225   .0520586     4.68   0.000      .1414895    .345
> 5556
           _cons |   15.13918   3.976852     3.81   0.000      7.344698    22.9
> 3367
-----------------+------------------------------------------------------------
> ----
Variance         |
      e.radfmw3  |   1116.138   82.84757                      965.0192    1290
> .923
       e.whpel   |   1115.794   82.82203                      964.7218    1290
> .525
------------------------------------------------------------------------------
> ----
LR test of model vs. saturated: chi2(1)   =      1.87, Prob > chi2 = 0.1714
```

```
295 . sem(avgcumdosew3->radtlw3)(radtlw3->whpel) if gender==2, nocapslatent

    Endogenous variables

    Observed:  radtlw3 whpel

    Exogenous variables

    Observed:  avgcumdosew3

    Fitting target model:

    Iteration 0:   log likelihood = -4321.1324
    Iteration 1:   log likelihood = -4321.1324

    Structural equation model                       Number of obs      =       363
    Estimation method  = ml
    Log likelihood     = -4321.1324

------------------------------------------------------------------------------
> ----
             |                 OIM
             |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Inter
> val]
-------------+----------------------------------------------------------------
> ----
Structural   |
  radtlw3 <- |
    avgcumdosew3 |   1.24609   1.041929     1.20   0.232    -.796054    3.28
> 8233
           _cons |   63.70355   2.215247    28.76   0.000     59.36174    68.0
> 4535
-------------+----------------------------------------------------------------
> ----
  whpel <-   |
         radtlw3 |   .0723078   .0516109     1.40   0.161    -.0288476    .173
> 4633
           _cons |   27.12236   3.816463     7.11   0.000     19.64223    34.6
> 0249
-------------+----------------------------------------------------------------
> ----
Variance     |
        e.radtlw3 |   1212.178   89.97628                      1048.055    1402
> .001
         e.whpel |   1176.694   87.34241                      1017.376    1360
> .961
-------------+----------------------------------------------------------------
> ----
LR test of model vs. saturated: chi2(1)   =      3.29, Prob > chi2 = 0.0696
```

```
296 . sem(avgcumdosew3->anxagw3)(anxagw3->whpel) if gender==2, nocapslatent

    Endogenous variables

    Observed:  anxagw3 whpel

    Exogenous variables

    Observed:  avgcumdosew3

    Fitting target model:

    Iteration 0:   log likelihood = -4170.4615
    Iteration 1:   log likelihood = -4170.4615

    Structural equation model                       Number of obs      =       363
    Estimation method  = ml
    Log likelihood     = -4170.4615

------------------------------------------------------------------------------
> ----
             |                 OIM
             |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Inter
> val]
-------------+----------------------------------------------------------------
> ----
Structural   |
  anxagw3 <- |
    avgcumdosew3 |  -.089572   .6974788    -0.13   0.898    -1.456605    1.27
> 7461
          _cons |   14.38165   1.482911     9.70   0.000      11.4752     17.
> 2881
  -----------+----------------------------------------------------------------
> ----
  whpel <-   |
       anxagw3 |   .2651792   .0761968     3.48   0.001     .1158362    .414
> 5221
          _cons |   28.05175   2.082504    13.47   0.000     23.97011    32.1
> 3338
-------------+----------------------------------------------------------------
> ----
Variance     |
      e.anxagw3 |   543.1902   40.31936                      469.6451    628.
> 2522
        e.whpel |   1144.858   84.97931                      989.8501    1324
> .139
-------------+----------------------------------------------------------------
> ----
```

LR test of model vs. saturated: chi2(**1**) = **3.80**, Prob > chi2 = **0.0513**

```
297 . sem(avgcumdosew3->HP2sxlife)(HP2sxlife->whpel) if gender==2, nocapslatent
```

Endogenous variables

Observed: **HP2sxlife whpel**

Exogenous variables

Observed: **avgcumdosew3**

Fitting target model:

Iteration 0: log likelihood = **-2690.0318**
Iteration 1: log likelihood = **-2690.0318**

Structural equation model Number of obs = **363**
Estimation method = **ml**
Log likelihood = **-2690.0318**

	OIM					
	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
Structural						
HP2sxlife <-						
avgcumdosew3	**.0511344**	**.0128319**	**3.98**	**0.000**	**.0259844**	**.0762845**
_cons	**.1974997**	**.0272819**	**7.24**	**0.000**	**.1440281**	**.2509713**
whpel <-						
HP2sxlife	**33.30725**	**3.731965**	**8.92**	**0.000**	**25.99274**	**40.62177**
_cons	**23.2119**	**1.899102**	**12.22**	**0.000**	**19.48973**	**26.93407**
Variance						
e.HP2sxlife	**.1838536**	**.0136469**			**.1589608**	**.2126445**
e.whpel	**970.1719**	**72.01291**			**838.8157**	**1122.098**

```
> ────
LR test of model vs. saturated: chi2(1)   =      0.07, Prob > chi2 = 0.7912

298 . sem(avgcumdosew3->drinkspww3)(drinkspww3->whpel) if gender==2, nocapslatent

Endogenous variables

Observed:  drinkspww3 whpel

Exogenous variables

Observed:  avgcumdosew3

Fitting target model:

Iteration 0:   log likelihood = -3147.6621
Iteration 1:   log likelihood = -3147.6621

Structural equation model                       Number of obs      =       363
Estimation method  = ml
Log likelihood     = -3147.6621

──────────────────────────────────────────────────────────────────────────────
> ────
                 │                 OIM
                 │      Coef.   Std. Err.      z    P>|z|     [95% Conf. Inter
> val]
─────────────────┼────────────────────────────────────────────────────────────
> ────
Structural       │
  drinkspww3 <-  │
    avgcumdosew3 │   -.014337   .0417965    -0.34   0.732    -.0962566    .067
> 5826
           _cons │    .903435   .0888636    10.17   0.000     .7292656    1.07
> 7604
  ───────────────┼────────────────────────────────────────────────────────────
> ────
  whpel <-       │
      drinkspww3 │   -4.80114   1.267587    -3.79   0.000    -7.285564   -2.31
> 6715
           _cons │   36.09171   2.096926    17.21   0.000     31.98181    40.2
> 0161
─────────────────┼────────────────────────────────────────────────────────────
> ────
Variance         │
    e.drinkspww3 │   1.950606   .1447875                      1.686504    2.25
> 6065
         e.whpel │   1138.079   84.47613                      983.9889    1316
> .299
```

```
> ———
LR test of model vs. saturated: chi2(1)   =      3.47, Prob > chi2 = 0.0625

299 . sem(avgcumdosew3->depagw3)(depagw3->whpel) if gender==2, nocapslatent

Endogenous variables

Observed:  depagw3 whpel

Exogenous variables

Observed:  avgcumdosew3

Fitting target model:

Iteration 0:   log likelihood = -4130.3845
Iteration 1:   log likelihood = -4130.3845

Structural equation model                       Number of obs      =       363
Estimation method  = ml
Log likelihood     = -4130.3845

——————————————————————————————————————————————————————————————————————————
> ———
                 |                 OIM
                 |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Inter
> val]
—————————————————+————————————————————————————————————————————————————————
> ———
Structural       |
  depagw3 <-     |
    avgcumdosew3 |   .1789491   .6298562     0.28   0.776    -1.055546    1.41
> 3445
           _cons |   13.09433   1.339138     9.78   0.000     10.46966    15.7
> 1899
   ——————————————+————————————————————————————————————————————————————————
> ———
  whpel <-       |
         depagw3 |    .359703   .0836622     4.30   0.000     .1957282    .523
> 6779
           _cons |   27.04949   2.083518    12.98   0.000     22.96587    31.1
> 3311
—————————————————+————————————————————————————————————————————————————————
> ———
Variance         |
       e.depagw3 |   442.9684    32.8802                      382.9928     512
> .336
         e.whpel |    1125.73    83.5595                       973.312    1302
```

```
    > .016
    ------------------+---------------------------------------------------------------
    > ------
    LR test of model vs. saturated: chi2(1)   =      3.52, Prob > chi2 = 0.0605

300 . scalar W2FemaleELmed = "age radfmw3 BSIanx BSIdep icdxcnt radhlw3 illw3 and
    > Hp2sxlife"

301 .
302 .
303 . save chwide26june2012, replace
    file chwide26june2012.dta saved
```