```
1 . * Male PTSD variable index
2 .
3 . cap rename crhtw1 crhrw1

4 . cap rename crhtw2 crhrw2

5 . cap rename crhtw3 crhrw3

6 . des crhtw1 crhtw2 crhtw3 PTSDw1 PTSDw2 MiPTSD fdferw1 injselfr cumdose1 ///
  >   cumdose2 cumdose3

              storage  display     value
  variable name   type   format      label      variable label
  ------------------------------------------------------------------------------
  crhtw1          float  %9.0g                    Chornobyl related health
                                                    threat: wave 1 alpha = .835
  crhtw2          float  %9.0g                  Chornobyl related health threat
                                                    in wave 2 alpha=.822
  crhtw3          float  %9.0g                  Chornobyl rleated health threat
                                                    in wave 3 alpha=0.833
  PTSDw1          byte   %9.0g                  Average PTSD level in percent in
                                                    wave 1
  PTSDw2          double %9.0g                  Average PTSD level in percent in
                                                    wave 2
  MiPTSD          byte   %9.0g                  Misssissipi post-traumatic
                                                    stress disorder scale
  fdferw1         byte   %8.0g                * Level (in %) of fear of eating
                                                    radioactively contaminated
                                                    food in 1986
  injselfr        byte   %9.0g       dum        Were u injured because of
                                                    Chornobyl acc in 1986?
  cumdose1        float  %9.0g                  cumulative external dose in mGys
                                                    in wave 1
  cumdose2        float  %9.0g                  cumulative external dose in mGys
                                                    in wave 2
  cumdose3        float  %9.0g                  cumulative external dose in mGys
                                                    in wave 3
```

```
 7 .
 8 .
 9 .
10 . set more off

11 . title "The following models are not nested"
```

```
*******************************************************************************
> *
*******************************************************************************
> *
*****                                                                      ****
> *
*****                                                                      ****
> *
*****                The following models are not nested                   ****
> *
*****                                                                      ****
> *
*****                                                                      ****
> *
*****                                          11 Aug 2012    03:38:14  ****
> *
*******************************************************************************
> *
*******************************************************************************
> *
```

```
12 . title4 "cumdose2 replaces cumdose1 and cumdose3 replaces cumdose2"
```

---

cumdose2 replaces cumdose1 and cumdose3 replaces cumdose2

```
13 .
```

```
14 . est clear

15 .
16 . title "Male Model set 1"

   ********************************************************************************
   > *
   ********************************************************************************
   > *
   *****                                                                      ****
   > *
   *****                                                                      ****
   > *
   *****                          Male Model set 1                            ****
   > *
   *****                                                                      ****
   > *
   *****                                                                      ****
   > *
   *****                                          11 Aug 2012    03:38:14  ****
   > *
   ********************************************************************************
   > *
   ********************************************************************************
   > *


17 . est clear

18 . regress PTSDw1 cumdose1 injselfr fdferw1 crhtw1  if gender==1,  vce(cluster
   > id)

   Linear regression                               Number of obs =     339
                                                   F(  4,   338) =   54.72
                                                   Prob > F      =  0.0000
                                                   R-squared     =  0.4234
                                                   Root MSE      =  29.773
```

(Std. Err. adjusted for **339** clusters in id)

PTSDw1	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
cumdose1	**.5148339**	**.6300173**	**0.82**	**0.414**	**-.7244147**	**1.754083**
injselfr	**7.547939**	**3.42496**	**2.20**	**0.028**	**.8110173**	**14.28486**
fdferw1	**.5180512**	**.0549943**	**9.42**	**0.000**	**.409877**	**.6262254**
crhtw1	**6.755046**	**1.912887**	**3.53**	**0.000**	**2.992383**	**10.51771**
_cons	**4.534185**	**2.262534**	**2.00**	**0.046**	**.0837639**	**8.984607**

```
19 . eststo PTSDwave1m

20 .
21 .
22 .
23 . regress PTSDw2 cumdose2 injselfr fdferw1 crhtw1 PTSDw1  ///
>    crhtw2 if gender==1, vce(cluster id)
```

Linear regression

Number of obs	**339**
F(6, 338)	**7.17**
Prob > F	**0.0000**
R-squared	**0.2539**
Root MSE	**11.032**

(Std. Err. adjusted for **339** clusters in id)

PTSDw2	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
cumdose2	**-.2364364**	**.1952473**	**-1.21**	**0.227**	**-.6204893**	**.1476164**
injselfr	**-.219369**	**.838829**	**-0.26**	**0.794**	**-1.869352**	**1.430614**
fdferw1	**.0436894**	**.0201897**	**2.16**	**0.031**	**.0039761**	**.0834028**
crhtw1	**-1.161959**	**.8696936**	**-1.34**	**0.182**	**-2.872653**	**.5487345**
PTSDw1	**.0952071**	**.0228095**	**4.17**	**0.000**	**.0503407**	**.1400735**
crhtw2	**3.796288**	**.9075614**	**4.18**	**0.000**	**2.011108**	**5.581468**
_cons	**2.251364**	**.7244421**	**3.11**	**0.002**	**.8263814**	**3.676347**

```
24 . eststo PTSDwave2m

25 .
26 .
27 . regress MiPTSD cumdose3 injselfr fdferw1 crhtw1 PTSDw1 ///
   >   crhtw2 PTSDw2 crhtw3  if gender==1, vce(cluster id)

Linear regression                               Number of obs =     339
                                                F(  8,   338) =   35.07
                                                Prob > F      =  0.0000
                                                R-squared     =  0.5046
                                                Root MSE      =  8.4861

                                   (Std. Err. adjusted for 339 clusters in id)
------------------------------------------------------------------------------
             |               Robust
      MiPTSD |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
    cumdose3 |  -.1263767   .2615796    -0.48   0.629    -.6409056    .3881523
    injselfr |   3.274155   .9913624     3.30   0.001     1.324138    5.224172
     fdferw1 |   .0527472   .0192975     2.73   0.007     .0147889    .0907055
      crhtw1 |  -1.875481   .9756085    -1.92   0.055     -3.79451    .0435482
      PTSDw1 |   .0552902   .0208334     2.65   0.008     .0143108    .0962696
      crhtw2 |  -.1178399   2.042039    -0.06   0.954    -4.134546    3.898866
      PTSDw2 |   .2492172   .0690078     3.61   0.000     .1134784    .3849561
      crhtw3 |   4.649673    1.74987     2.66   0.008     1.207665     8.09168
       _cons |   41.93121    .845975    49.57   0.000     40.26717    43.59525
------------------------------------------------------------------------------

28 . eststo MiPTSDwave3m

29 .
30 .
31 . estout *, cells(b(star fmt(3)) t(par fmt(2)) p(par fmt(3))) ///
   >   stats(r2 r2_a bic N) ///
   >   title("PTSD regressions" ///
   >   "with cluster robust standard errors" )
```

PTSD regressions with cluster robust standard errors

	PTSDwave1m b/t/p	PTSDwave2m b/t/p	MiPTSDwave3m b/t/p
cumdose1	0.515		
	(0.82)		
	(0.414)		
injselfr	7.548*	-0.219	3.274**
	(2.20)	(-0.26)	(3.30)
	(0.028)	(0.794)	(0.001)
fdferw1	0.518***	0.044*	0.053**
	(9.42)	(2.16)	(2.73)
	(0.000)	(0.031)	(0.007)
crhtw1	6.755***	-1.162	-1.875
	(3.53)	(-1.34)	(-1.92)
	(0.000)	(0.182)	(0.055)
cumdose2		-0.236	
		(-1.21)	
		(0.227)	
PTSDw1		0.095***	0.055**
		(4.17)	(2.65)
		(0.000)	(0.008)
crhtw2		3.796***	-0.118
		(4.18)	(-0.06)
		(0.000)	(0.954)
cumdose3			-0.126
			(-0.48)
			(0.629)
PTSDw2			0.249***
			(3.61)
			(0.000)
crhtw3			4.650**
			(2.66)
			(0.008)
_cons	4.534*	2.251**	41.931***
	(2.00)	(3.11)	(49.57)
	(0.046)	(0.002)	(0.000)
r2	0.423	0.254	0.505
r2_a	0.417	0.240	0.493
bic	3286.994	2623.496	2455.205
N	339.000	339.000	339.000

```
32 .
33 .
34 . set more off

35 .
36 . title "Male model set 2"


   ********************************************************************************
   > *
   ********************************************************************************
   > *
   *****                                                                      ****
   > *
   *****                                                                      ****
   > *
   *****                          Male model set 2                            ****
   > *
   *****                                                                      ****
   > *
   *****                                                                      ****
   > *
   *****                                          11 Aug 2012    03:38:15  ****
   > *
   ********************************************************************************
   > *
   ********************************************************************************
   > *


37 . regress MiPTSD cumdose1 injselfr fdferw1 crhtw1  if gender==1,  vce(cluster
   > id)

   Linear regression                               Number of obs =     339
                                                   F(  4,   338) =   37.74
                                                   Prob > F      =  0.0000
                                                   R-squared     =  0.3525
                                                   Root MSE      =  9.6438
```

(Std. Err. adjusted for **339** clusters in id)

MiPTSD	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
cumdose1	**-.3826043**	**.2605883**	**-1.47**	**0.143**	**-.8951834**	**.1299748**
injselfr	**5.445502**	**1.070103**	**5.09**	**0.000**	**3.340602**	**7.550401**
fdferw1	**.1176295**	**.0164813**	**7.14**	**0.000**	**.0852106**	**.1500484**
crhtw1	**1.895497**	**.6843851**	**2.77**	**0.006**	**.549307**	**3.241688**
_cons	**41.06618**	**.7795641**	**52.68**	**0.000**	**39.53278**	**42.59959**

```
38 . eststo MiPTSDw1m

39 .
40 .
41 .
42 . regress MiPTSD cumdose2 injselfr fdferw1 crhtw1 PTSDw1  ///
>   crhtw2 if gender==1, vce(cluster id)
```

Linear regression

Number of obs	**339**
F(6, 338)	**39.34**
Prob > F	**0.0000**
R-squared	**0.4388**
Root MSE	**9.0045**

(Std. Err. adjusted for **339** clusters in id)

MiPTSD	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
cumdose2	**-.147655**	**.3579885**	**-0.41**	**0.680**	**-.851821**	**.5565111**
injselfr	**3.54781**	**1.039765**	**3.41**	**0.001**	**1.502585**	**5.593036**
fdferw1	**.0662099**	**.0205171**	**3.23**	**0.001**	**.0258525**	**.1065672**
crhtw1	**-2.719334**	**1.027277**	**-2.65**	**0.008**	**-4.739995**	**-.6986723**
PTSDw1	**.0759762**	**.0209286**	**3.63**	**0.000**	**.0348095**	**.1171429**
crhtw2	**5.64611**	**1.026197**	**5.50**	**0.000**	**3.627573**	**7.664647**
_cons	**42.1989**	**.8611765**	**49.00**	**0.000**	**40.50496**	**43.89284**

```
43 . eststo MiPTSDw2m

44 .
45 .
46 . regress MiPTSD cumdose3 injselfr fdferw1 crhtw1 PTSDw1 ///
   >   crhtw2 PTSDw2 crhtw3  if gender==1, vce(cluster id)

   Linear regression                               Number of obs =     339
                                                   F(  8,   338) =   35.07
                                                   Prob > F      =  0.0000
                                                   R-squared     =  0.5046
                                                   Root MSE      =  8.4861

                                      (Std. Err. adjusted for 339 clusters in id)
------------------------------------------------------------------------------
             |               Robust
      MiPTSD |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
    cumdose3 |  -.1263767   .2615796    -0.48   0.629    -.6409056    .3881523
    injselfr |   3.274155   .9913624     3.30   0.001     1.324138    5.224172
     fdferw1 |   .0527472   .0192975     2.73   0.007     .0147889    .0907055
      crhtw1 |  -1.875481   .9756085    -1.92   0.055     -3.79451    .0435482
      PTSDw1 |   .0552902   .0208334     2.65   0.008     .0143108    .0962696
      crhtw2 |  -.1178399   2.042039    -0.06   0.954    -4.134546    3.898866
      PTSDw2 |   .2492172   .0690078     3.61   0.000     .1134784    .3849561
      crhtw3 |   4.649673    1.74987     2.66   0.008     1.207665     8.09168
       _cons |   41.93121    .845975    49.57   0.000     40.26717    43.59525
------------------------------------------------------------------------------

47 . eststo MiPTSDw3m

48 .
49 .
50 .  estout PTSDwave1m PTSDwave2m MiPTSDwave3m, cells(b(star fmt(3)) se(par fmt(
   > 3)) ///
   >     t(par fmt(2)) p(par fmt(3))) ///
   >   stats(r2 r2_a bic N)  starlevels(# 0.10 * 0.05 ** 0.01 *** 0.001 **** 0.00
   > 01) ///
   >   title("Male PTSD regression analysis" ///
   >   "with cluster robust standard errors" ) legend
```

Male PTSD regression analysis with cluster robust standard errors

	PTSDwave1m b/se/t/p	PTSDwave2m b/se/t/p	MiPTSDwave3m b/se/t/p
cumdose1	0.515		
	(0.630)		
	(0.82)		
	(0.414)		
injselfr	7.548*	-0.219	3.274**
	(3.425)	(0.839)	(0.991)
	(2.20)	(-0.26)	(3.30)
	(0.028)	(0.794)	(0.001)
fdferw1	0.518****	0.044*	0.053**
	(0.055)	(0.020)	(0.019)
	(9.42)	(2.16)	(2.73)
	(0.000)	(0.031)	(0.007)
crhtw1	6.755***	-1.162	-1.875#
	(1.913)	(0.870)	(0.976)
	(3.53)	(-1.34)	(-1.92)
	(0.000)	(0.182)	(0.055)
cumdose2		-0.236	
		(0.195)	
		(-1.21)	
		(0.227)	
PTSDw1		0.095****	0.055**
		(0.023)	(0.021)
		(4.17)	(2.65)
		(0.000)	(0.008)
crhtw2		3.796****	-0.118
		(0.908)	(2.042)
		(4.18)	(-0.06)
		(0.000)	(0.954)
cumdose3			-0.126
			(0.262)
			(-0.48)
			(0.629)
PTSDw2			0.249***
			(0.069)
			(3.61)
			(0.000)
crhtw3			4.650**
			(1.750)
			(2.66)
			(0.008)
_cons	4.534*	2.251**	41.931****
	(2.263)	(0.724)	(0.846)
	(2.00)	(3.11)	(49.57)
	(0.046)	(0.002)	(0.000)

```
r2                    0.423           0.254           0.505
r2_a                  0.417           0.240           0.493
bic                3286.994        2623.496        2455.205
N                   339.000         339.000         339.000
```

# p<0.10, * p<0.05, ** p<0.01, *** p<0.001, **** p<0.0001

```
51 .
52 .
53 .
54 . estout MiPTSDw1m MiPTSDw2m MiPTSDw3m, cells(b(star fmt(3)) ///
>    se(par fmt(3)) t(par fmt(2)) p(par fmt(3))) ///
>   stats(r2 r2_a bic N)  ///
>   starlevels(# 0.10 * 0.05 ** 0.01 *** 0.001 **** 0.0001) ///
>   title("Male PTSD regression analysis" ///
>   "with cluster robust standard errors" ) legend

Male PTSD regression analysis with cluster robust standard errors
```

	MiPTSDw1m b/se/t/p	MiPTSDw2m b/se/t/p	MiPTSDw3m b/se/t/p
cumdose1	-0.383		
	(0.261)		
	(-1.47)		
	(0.143)		
injselfr	5.446****	3.548***	3.274**
	(1.070)	(1.040)	(0.991)
	(5.09)	(3.41)	(3.30)
	(0.000)	(0.001)	(0.001)
fdferw1	0.118****	0.066**	0.053**
	(0.016)	(0.021)	(0.019)
	(7.14)	(3.23)	(2.73)
	(0.000)	(0.001)	(0.007)
crhtw1	1.895**	-2.719**	-1.875#
	(0.684)	(1.027)	(0.976)
	(2.77)	(-2.65)	(-1.92)
	(0.006)	(0.008)	(0.055)
cumdose2		-0.148	
		(0.358)	
		(-0.41)	
		(0.680)	
PTSDw1		0.076***	0.055**
		(0.021)	(0.021)
		(3.63)	(2.65)
		(0.000)	(0.008)
crhtw2		5.646****	-0.118
		(1.026)	(2.042)

```
                                    (5.50)          (-0.06)
                                   (0.000)          (0.954)
cumdose3                                            -0.126
                                                    (0.262)
                                                    (-0.48)
                                                    (0.629)
PTSDw2                                               0.249***
                                                    (0.069)
                                                     (3.61)
                                                    (0.000)
crhtw3                                               4.650**
                                                    (1.750)
                                                     (2.66)
                                                    (0.008)
_cons                41.066****       42.199****       41.931****
                    (0.780)          (0.861)          (0.846)
                    (52.68)          (49.00)          (49.57)
                    (0.000)          (0.000)          (0.000)
------------------------------------------------------------------------------
r2                    0.352            0.439            0.505
r2_a                  0.345            0.429            0.493
bic                2522.695         2485.808         2455.205
N                   339.000          339.000          339.000
------------------------------------------------------------------------------
# p<0.10, * p<0.05, ** p<0.01, *** p<0.001, **** p<0.0001

55 .
56 .
57 . set more off

58 . title "Female PTSD model set 1"


*******************************************************************************
> *
*******************************************************************************
> *
*****                                                                      ****
> *
*****                                                                      ****
> *
*****                      Female PTSD model set 1                         ****
> *
*****                                                                      ****
> *
*****                                                                      ****
> *
*****                                          11 Aug 2012    03:38:15  ****
> *
```

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


59 .
60 . regress PTSDw1 cumdose1 injselfr fdferw1 goferw1 injothr healthef ///
>    woman crhtw1 if gender==2, vce(cluster id)

Linear regression                                       Number of obs =     362
                                                        F(  8,   361) =    3.66
                                                        Prob > F      =  0.0004
                                                        R-squared     =  0.1000
                                                        Root MSE      =  31.913

                                        (Std. Err. adjusted for 362 clusters in id)
------------------------------------------------------------------------------
             |               Robust
      PTSDw1 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
    cumdose1 |   12.45539   4.949922     2.52   0.012     2.721084    22.18969
    injselfr |   6.649535   4.492536     1.48   0.140    -2.185293    15.48436
     fdferw1 |   .2499567    .072792     3.43   0.001     .1068071    .3931062
     goferw1 |  -.1324596   .0771075    -1.72   0.087    -.2840959    .0191767
     injothr |  -3.806116   5.160595    -0.74   0.461    -13.95472     6.34249
    healthef |   .0422295   .0692399     0.61   0.542    -.0939348    .1783938
       woman |  -.0234387   .0786745    -0.30   0.766    -.1781566    .1312793
      crhtw1 |  -.5906547   1.912303    -0.31   0.758    -4.351308    3.169999
       _cons |   5.616458   5.039679     1.11   0.266    -4.294358    15.52727
------------------------------------------------------------------------------

61 . eststo PTSDwave1f

62 .
63 . regress PTSDw2 cumdose2 injselfr fdferw1 goferw1 injothr healthef ///
>    woman crhtw1 crhtw2 if gender==2, vce(cluster id)

Linear regression                                       Number of obs =     362
                                                        F(  9,   361) =    3.27
                                                        Prob > F      =  0.0008
                                                        R-squared     =  0.0531
                                                        Root MSE      =  8.1486
```

(Std. Err. adjusted for **362** clusters in id)

PTSDw2	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
cumdose2	**.4203283**	**.1918823**	**2.19**	**0.029**	**.0429807**	**.7976759**
injselfr	**-.451494**	**1.408818**	**-0.32**	**0.749**	**-3.222014**	**2.319026**
fdferw1	**.032874**	**.0355397**	**0.92**	**0.356**	**-.0370169**	**.1027648**
goferw1	**-.0267401**	**.0391623**	**-0.68**	**0.495**	**-.1037549**	**.0502748**
injothr	**2.264203**	**1.094003**	**2.07**	**0.039**	**.1127849**	**4.415622**
healthef	**.0291624**	**.0098886**	**2.95**	**0.003**	**.0097159**	**.0486089**
woman	**.0122656**	**.0180713**	**0.68**	**0.498**	**-.0232726**	**.0478039**
crhtw1	**.4326842**	**.553304**	**0.78**	**0.435**	**-.6554196**	**1.520788**
crhtw2	**-.1472218**	**.6196786**	**-0.24**	**0.812**	**-1.365855**	**1.071411**
_cons	**-1.751567**	**1.312371**	**-1.33**	**0.183**	**-4.33242**	**.8292854**

```
64 . eststo PTSDwave2f

65 .
66 . regress MiPTSD cumdose3 injselfr fdferw1 goferw1 injothr healthef ///
   >   woman crhtw1 crhtw2 crhtw3 if gender==2, vce(cluster id)
```

Linear regression

Number of obs = **362**
F(10, 361) = **9.36**
Prob > F = **0.0000**
R-squared = **0.2281**
Root MSE = **10.734**

(Std. Err. adjusted for **362** clusters in id)

MiPTSD	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
cumdose3	**.2722351**	**.5222604**	**0.52**	**0.603**	**-.7548197**	**1.29929**
injselfr	**4.03679**	**1.563304**	**2.58**	**0.010**	**.9624637**	**7.111116**
fdferw1	**.065294**	**.0275992**	**2.37**	**0.019**	**.0110186**	**.1195695**
goferw1	**-.0231637**	**.0305715**	**-0.76**	**0.449**	**-.0832842**	**.0369569**
injothr	**1.352724**	**1.903614**	**0.71**	**0.478**	**-2.390842**	**5.09629**
healthef	**.0770909**	**.0226322**	**3.41**	**0.001**	**.0325833**	**.1215985**
woman	**-.0254135**	**.0269797**	**-0.94**	**0.347**	**-.0784706**	**.0276436**
crhtw1	**-4.012422**	**.9683655**	**-4.14**	**0.000**	**-5.916768**	**-2.108076**
crhtw2	**3.552389**	**2.319281**	**1.53**	**0.126**	**-1.00861**	**8.113388**
crhtw3	**.69108**	**2.069107**	**0.33**	**0.739**	**-3.377937**	**4.760097**
_cons	**39.64146**	**2.103862**	**18.84**	**0.000**	**35.5041**	**43.77883**

```
67 . eststo MiPTSDwave3f

68 .
69 .
70 .
71 . estout PTSDwave1f PTSDwave2f MiPTSDwave3f, cells(b(star fmt(3)) ///
   >   se(par fmt(3)) t(par fmt(2)) p(par fmt(3))) ///
   >   stats(r2 r2_a bic N)  starlevels(# 0.10 * 0.05 ** 0.01 *** 0.001 **** 0.00
   > 01) ///
   >   title("Female PTSD regression analysis set 1" ///
   >   "with cluster robust standard errors" ) legend
```

Female PTSD regression analysis set 1 with cluster robust standard errors

	PTSDwave1f b/se/t/p	PTSDwave2f b/se/t/p	MiPTSDwave3f b/se/t/p
cumdose1	12.455*		
	(4.950)		
	(2.52)		
	(0.012)		
injselfr	6.650	-0.451	4.037*
	(4.493)	(1.409)	(1.563)
	(1.48)	(-0.32)	(2.58)
	(0.140)	(0.749)	(0.010)
fdferw1	0.250***	0.033	0.065*
	(0.073)	(0.036)	(0.028)
	(3.43)	(0.92)	(2.37)
	(0.001)	(0.356)	(0.019)
goferw1	-0.132#	-0.027	-0.023
	(0.077)	(0.039)	(0.031)
	(-1.72)	(-0.68)	(-0.76)
	(0.087)	(0.495)	(0.449)
injothr	-3.806	2.264*	1.353
	(5.161)	(1.094)	(1.904)
	(-0.74)	(2.07)	(0.71)
	(0.461)	(0.039)	(0.478)
healthef	0.042	0.029**	0.077***
	(0.069)	(0.010)	(0.023)
	(0.61)	(2.95)	(3.41)
	(0.542)	(0.003)	(0.001)
woman	-0.023	0.012	-0.025
	(0.079)	(0.018)	(0.027)
	(-0.30)	(0.68)	(-0.94)
	(0.766)	(0.498)	(0.347)
crhtw1	-0.591	0.433	-4.012****
	(1.912)	(0.553)	(0.968)
	(-0.31)	(0.78)	(-4.14)
	(0.758)	(0.435)	(0.000)

```
cumdose2                          0.420*
                                 (0.192)
                                  (2.19)
                                 (0.029)
crhtw2                            -0.147           3.552
                                 (0.620)         (2.319)
                                 (-0.24)          (1.53)
                                 (0.812)         (0.126)
cumdose3                                          0.272
                                                 (0.522)
                                                  (0.52)
                                                 (0.603)
crhtw3                                            0.691
                                                 (2.069)
                                                  (0.33)
                                                 (0.739)
_cons                    5.616           -1.752          39.641****
                        (5.040)         (1.312)         (2.104)
                         (1.11)         (-1.33)         (18.84)
                        (0.266)         (0.183)         (0.000)
-------------------------------------------------------------------------
r2                       0.100           0.053           0.228
r2_a                     0.080           0.029           0.206
bic                   3578.455        2594.925        2799.284
N                      362.000         362.000         362.000
-------------------------------------------------------------------------
# p<0.10, * p<0.05, ** p<0.01, *** p<0.001, **** p<0.0001

72 .
73 . title "Female PTSD model set 2"


*******************************************************************************
> *
*******************************************************************************
> *
*****                                                                      ****
> *
*****                                                                      ****
> *
*****                      Female PTSD model set 2                         ****
> *
*****                                                                      ****
> *
*****                                                                      ****
> *
*****                                          11 Aug 2012    03:38:16  ****
> *
*******************************************************************************
```

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


74 .
75 . regress MiPTSD cumdose1 injselfr fdferw1 goferw1 injothr healthef ///
>    woman crhtw1 if gender==2, vce(cluster id)

Linear regression                               Number of obs =     362
                                                F(  8,   361) =   11.13
                                                Prob > F      =  0.0000
                                                R-squared     =  0.2101
                                                Root MSE      =  10.828

                                   (Std. Err. adjusted for 362 clusters in id)
------------------------------------------------------------------------------
             |               Robust
      MiPTSD |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
    cumdose1 |    2.944881    1.35381     2.18   0.030     .2825361    5.607226
    injselfr |    5.507291   1.588811     3.47   0.001     2.382804    8.631779
     fdferw1 |    .0704175    .027756     2.54   0.012     .0158337    .1250012
     goferw1 |   -.0258756   .0304101    -0.85   0.395    -.0856788    .0339276
     injothr |    2.616343    1.91557     1.37   0.173    -1.150735     6.38342
    healthef |    .0950178   .0239927     3.96   0.000     .0478347    .1422009
       woman |   -.0066442   .0273885    -0.24   0.808    -.0605053    .0472168
     crhtw1  |   -2.031846   .7086662    -2.87   0.004    -3.425478   -.6382132
       _cons |    34.80656   1.843515    18.88   0.000     31.18118    38.43194
------------------------------------------------------------------------------

76 . eststo MiPTSDwave1f

77 .
78 . regress MiPTSD cumdose2 injselfr fdferw1 goferw1 injothr healthef ///
>    woman crhtw1 crhtw2 if gender==2, vce(cluster id)

Linear regression                               Number of obs =     362
                                                F(  9,   361) =   10.22
                                                Prob > F      =  0.0000
                                                R-squared     =  0.2292
                                                Root MSE      =  10.711
```

(Std. Err. adjusted for **362** clusters in id)

MiPTSD	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
cumdose2	**.4660976**	**.6264163**	**0.74**	**0.457**	**-.7657859**	**1.697981**
injselfr	**4.091384**	**1.568473**	**2.61**	**0.009**	**1.006892**	**7.175877**
fdferw1	**.0656592**	**.0274735**	**2.39**	**0.017**	**.011631**	**.1196874**
goferw1	**-.0238586**	**.030318**	**-0.79**	**0.432**	**-.0834808**	**.0357635**
injothr	**1.448933**	**1.864944**	**0.78**	**0.438**	**-2.218586**	**5.116451**
healthef	**.0778882**	**.0227057**	**3.43**	**0.001**	**.0332362**	**.1225402**
woman	**-.0242043**	**.0268647**	**-0.90**	**0.368**	**-.0770352**	**.0286266**
crhtw1	**-4.069685**	**.9334801**	**-4.36**	**0.000**	**-5.905427**	**-2.233943**
crhtw2	**4.174644**	**1.063426**	**3.93**	**0.000**	**2.083355**	**6.265932**
_cons	**39.32613**	**2.00585**	**19.61**	**0.000**	**35.38152**	**43.27075**

```
79 . eststo MiPTSDwave2f

80 .
81 . regress MiPTSD cumdose3 injselfr fdferw1 goferw1 injothr healthef ///
   >   woman crhtw1 crhtw2 crhtw3 if gender==2, vce(cluster id)
```

Linear regression

Number of obs	**362**
F(10, 361)	**9.36**
Prob > F	**0.0000**
R-squared	**0.2281**
Root MSE	**10.734**

(Std. Err. adjusted for **362** clusters in id)

MiPTSD	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
cumdose3	**.2722351**	**.5222604**	**0.52**	**0.603**	**-.7548197**	**1.29929**
injselfr	**4.03679**	**1.563304**	**2.58**	**0.010**	**.9624637**	**7.111116**
fdferw1	**.065294**	**.0275992**	**2.37**	**0.019**	**.0110186**	**.1195695**
goferw1	**-.0231637**	**.0305715**	**-0.76**	**0.449**	**-.0832842**	**.0369569**
injothr	**1.352724**	**1.903614**	**0.71**	**0.478**	**-2.390842**	**5.09629**
healthef	**.0770909**	**.0226322**	**3.41**	**0.001**	**.0325833**	**.1215985**
woman	**-.0254135**	**.0269797**	**-0.94**	**0.347**	**-.0784706**	**.0276436**
crhtw1	**-4.012422**	**.9683655**	**-4.14**	**0.000**	**-5.916768**	**-2.108076**
crhtw2	**3.552389**	**2.319281**	**1.53**	**0.126**	**-1.00861**	**8.113388**
crhtw3	**.69108**	**2.069107**	**0.33**	**0.739**	**-3.377937**	**4.760097**
_cons	**39.64146**	**2.103862**	**18.84**	**0.000**	**35.5041**	**43.77883**

```
82 . eststo MiPTSDwave3f

83 .
84 .
85 . estout MiPTSDwave1f MiPTSDwave2f MiPTSDwave3f, ///
   >   cells(b(star fmt(3)) se(par fmt(3)) t(par fmt(2)) p(par fmt(3))) ///
   >   stats(r2 r2_a bic N)  starlevels(# 0.10 * 0.05 ** 0.01 *** 0.001 **** 0.00
   > 01) ///
   >   title("Female PTSD regression analysis set 1" ///
   >   "with cluster robust standard errors" ) legend

   Female PTSD regression analysis set 1 with cluster robust standard errors
   ------------------------------------------------------------------------------
                 MiPTSDwave1f     MiPTSDwave2f     MiPTSDwave3f
                     b/se/t/p         b/se/t/p         b/se/t/p
   ------------------------------------------------------------------------------
   cumdose1            2.945*
                      (1.354)
                       (2.18)
                      (0.030)
   injselfr            5.507***         4.091**          4.037*
                      (1.589)          (1.568)          (1.563)
                       (3.47)           (2.61)           (2.58)
                      (0.001)          (0.009)          (0.010)
   fdferw1             0.070*           0.066*           0.065*
                      (0.028)          (0.027)          (0.028)
                       (2.54)           (2.39)           (2.37)
                      (0.012)          (0.017)          (0.019)
   goferw1            -0.026           -0.024           -0.023
                      (0.030)          (0.030)          (0.031)
                      (-0.85)          (-0.79)          (-0.76)
                      (0.395)          (0.432)          (0.449)
   injothr             2.616            1.449            1.353
                      (1.916)          (1.865)          (1.904)
                       (1.37)           (0.78)           (0.71)
                      (0.173)          (0.438)          (0.478)
   healthef            0.095****        0.078***         0.077***
                      (0.024)          (0.023)          (0.023)
                       (3.96)           (3.43)           (3.41)
                      (0.000)          (0.001)          (0.001)
   woman              -0.007           -0.024           -0.025
                      (0.027)          (0.027)          (0.027)
                      (-0.24)          (-0.90)          (-0.94)
                      (0.808)          (0.368)          (0.347)
   crhtw1             -2.032**         -4.070****       -4.012****
                      (0.709)          (0.933)          (0.968)
                      (-2.87)          (-4.36)          (-4.14)
                      (0.004)          (0.000)          (0.000)
   cumdose2                             0.466
```

```
                                  (0.626)
                                   (0.74)
                                  (0.457)
crhtw2                              4.175***          3.552
                                  (1.063)           (2.319)
                                   (3.93)            (1.53)
                                  (0.000)           (0.126)
cumdose3                                              0.272
                                                    (0.522)
                                                     (0.52)
                                                    (0.603)
crhtw3                                                0.691
                                                    (2.069)
                                                     (0.33)
                                                    (0.739)
_cons                  34.807****        39.326****        39.641****
                      (1.844)           (2.006)           (2.104)
                      (18.88)           (19.61)           (18.84)
                      (0.000)           (0.000)           (0.000)
------------------------------------------------------------------------
r2                      0.210             0.229             0.228
r2_a                    0.192             0.209             0.206
bic                  2795.864          2792.906          2799.284
N                     362.000           362.000           362.000
------------------------------------------------------------------------
# p<0.10, * p<0.05, ** p<0.01, *** p<0.001, **** p<0.0001

86 .
87 .
88 . estout PTSDwave1m PTSDwave1f PTSDwave2m PTSDwave2f ///
>    MiPTSDw3m MiPTSDwave3f, cells(b(star fmt(3)) se(par fmt(3)) t(par fmt(2))
>  p(par fmt(3))) ///
>   stats(r2 r2_a bic N)  starlevels(# 0.10 * 0.05 ** 0.01 *** 0.001 **** 0.00
> 01) ///
>   title("Male and Female PTSD regression analysis set 1" ///
>   "with cluster robust standard errors" ) legend

Male and Female PTSD regression analysis set 1 with cluster robust standard er
> rors
------------------------------------------------------------------------------
> ------------------------------------
                PTSDwave1m        PTSDwave1f        PTSDwave2m        PTSDwave2f
>       MiPTSDw3m     MiPTSDwave3f
                  b/se/t/p          b/se/t/p          b/se/t/p          b/se/t/p
>        b/se/t/p          b/se/t/p
------------------------------------------------------------------------------
> ------------------------------------
cumdose1            0.515            12.455*
>
```

```
                  (0.630)           (4.950)
>
                   (0.82)            (2.52)
>
                  (0.414)           (0.012)
>
injselfr            7.548*            6.650           -0.219           -0.451
>           3.274**           4.037*
                  (3.425)           (4.493)          (0.839)          (1.409)
>         (0.991)           (1.563)
                   (2.20)            (1.48)          (-0.26)          (-0.32)
>          (3.30)            (2.58)
                  (0.028)           (0.140)          (0.794)          (0.749)
>         (0.001)           (0.010)
fdferw1             0.518****         0.250***         0.044*           0.033
>           0.053**           0.065*
                  (0.055)           (0.073)          (0.020)          (0.036)
>         (0.019)           (0.028)
                   (9.42)            (3.43)           (2.16)           (0.92)
>          (2.73)            (2.37)
                  (0.000)           (0.001)          (0.031)          (0.356)
>         (0.007)           (0.019)
crhtw1              6.755***         -0.591           -1.162            0.433
>          -1.875#           -4.012****
                  (1.913)           (1.912)          (0.870)          (0.553)
>         (0.976)           (0.968)
                   (3.53)           (-0.31)          (-1.34)           (0.78)
>         (-1.92)           (-4.14)
                  (0.000)           (0.758)          (0.182)          (0.435)
>         (0.055)           (0.000)
goferw1                              -0.132#                           -0.027
>                          -0.023
                                    (0.077)                           (0.039)
>                         (0.031)
                                    (-1.72)                           (-0.68)
>                         (-0.76)
                                    (0.087)                           (0.495)
>                         (0.449)
injothr                              -3.806                            2.264*
>                           1.353
                                    (5.161)                           (1.094)
>                         (1.904)
                                    (-0.74)                           (2.07)
>                          (0.71)
                                    (0.461)                           (0.039)
>                         (0.478)
healthef                             0.042                            0.029**
>                          0.077***
                                    (0.069)                           (0.010)
```

```
>                          (0.023)
                                  (0.61)                          (2.95)
>                           (3.41)
                                (0.542)                          (0.003)
>                          (0.001)
woman                              -0.023                           0.012
>                           -0.025
                                (0.079)                          (0.018)
>                          (0.027)
                                (-0.30)                          (0.68)
>                          (-0.94)
                                (0.766)                          (0.498)
>                          (0.347)
cumdose2                                                -0.236           0.420*
>
                                                        (0.195)          (0.192)
>
                                                        (-1.21)           (2.19)
>
                                                        (0.227)          (0.029)
>
PTSDw1                                                    0.095****
>            0.055**
                                                        (0.023)
>          (0.021)
                                                         (4.17)
>           (2.65)
                                                        (0.000)
>          (0.008)
crhtw2                                                    3.796****       -0.147
>           -0.118            3.552
                                                        (0.908)          (0.620)
>          (2.042)          (2.319)
                                                         (4.18)          (-0.24)
>          (-0.06)           (1.53)
                                                        (0.000)          (0.812)
>          (0.954)          (0.126)
cumdose3
>           -0.126            0.272

>          (0.262)          (0.522)

>          (-0.48)           (0.52)

>          (0.629)          (0.603)
PTSDw2
>            0.249***

>          (0.069)
```

```
>          (3.61)

>         (0.000)
crhtw3
>           4.650**           0.691

>         (1.750)           (2.069)

>          (2.66)            (0.33)

>         (0.008)           (0.739)
_cons                4.534*            5.616            2.251**          -1.752
>          41.931****        39.641****
                    (2.263)           (5.040)          (0.724)          (1.312)
>         (0.846)           (2.104)
                     (2.00)            (1.11)           (3.11)          (-1.33)
>         (49.57)           (18.84)
                    (0.046)           (0.266)          (0.002)          (0.183)
>         (0.000)           (0.000)
------------------------------------------------------------------------------

> ----------------------------------
r2                   0.423             0.100            0.254            0.053
>           0.505             0.228
r2_a                 0.417             0.080            0.240            0.029
>           0.493             0.206
bic               3286.994          3578.455         2623.496         2594.925
>        2455.205          2799.284
N                  339.000           362.000          339.000          362.000
>         339.000           362.000
------------------------------------------------------------------------------

> ----------------------------------
# p<0.10, * p<0.05, ** p<0.01, *** p<0.001, **** p<0.0001
```

```
89 .
90 .
91 .
92 .
```