

```

1 . sem (crhtw1 -> crhtw2) (crhtw1 -> crhtw3) (crhtw1 -> MiPTSD) (crhtw2 -> crht
> w3) (crhtw2 -> PTSDw2) (crhtw3 -> MiPTSD) (PTSDw1 -> crhtw1) (PTSDw1 -> PTSD
> w2) (PTSDw1 -> MiPTSD) (PTSDw2 -> MiPTSD) (injselfr -> crhtw1) (injselfr ->
> crhtw2) (injselfr -> crhtw3) (injselfr -> PTSDw1) (injselfr -> MiPTSD) (cumd
> ose1 -> cumdose2) (cumdose1 -> cumdose3) (cumdose2 -> cumdose3) (fdferw1 ->
> crhtw1) (fdferw1 -> crhtw2) (fdferw1 -> PTSDw1) (fdferw1 -> PTSDw2) (fdferw1
> -> MiPTSD) (fdferw1 -> injselfr) if gender==1, nocapslatent

```

Endogenous variables

Observed: **crhtw1 crhtw2 crhtw3 MiPTSD PTSDw2 PTSDw1 injselfr cumdose2
cumdose3**

Exogenous variables

Observed: **cumdose1 fdferw1**

Fitting target model:

Iteration 0: log likelihood = **-7940.4683**

Iteration 1: log likelihood = **-7940.4683**

```

Structural equation model                                Number of obs      =      339
Estimation method   = ml
Log likelihood       = -7940.4683

```

> -							
			OIM				
		Coef.	Std. Err.	z	P> z	[95% Conf. Interval	
>]							
> -							
Structural							
crhtw1 <-							
PTSDw1		.0048578	.0014287	3.40	0.001	.0020577	.00765
> 8							
injselfr		.5014995	.0928059	5.40	0.000	.3196033	.683395
> 7							
fdferw1		.0046318	.0014264	3.25	0.001	.0018362	.007427
> 4							
_cons		-.6637911	.065033	-10.21	0.000	-.7912534	-.536328
> 8							
> -							
crhtw2 <-							
crhtw1		.7231965	.0347066	20.84	0.000	.6551729	.791220
> 1							

```

      injselfr |      .2288853      .0624287      3.67      0.000      .1065272      .351243
> 4      fdferw1 |      .0020516      .0008037      2.55      0.011      .0004763      .003626
> 8      _cons   |     -.2634203      .0481185     -5.47      0.000     -.3577309     -.169109
> 7
-----
> -
      crhtw3 <-
      crhtw1 |     -.1230361      .0255087     -4.82      0.000     -.1730323     -.073039
> 9      crhtw2 |      1.040848      .0263316     39.53      0.000      .9892394      1.09245
> 7      injselfr |      .074456      .0306789      2.43      0.015      .0143264      .134585
> 6      _cons   |     -.0480025      .021924      -2.19      0.029     -.0909727     -.005032
> 3
-----
> -
      MiPTSD <-
      crhtw1 |     -1.907961      .7608603     -2.51      0.012     -3.39922     -.416702
> 6      crhtw3 |      4.544354      .7900611      5.75      0.000      2.995862      6.09284
> 5      PTSDw2 |      .2509758      .0417516      6.01      0.000      .1691442      .332807
> 4      PTSDw1 |      .0550842      .0160018      3.44      0.001      .0237213      .086447
> 1      injselfr |      3.191296      1.055686      3.02      0.003      1.122189      5.26040
> 4      fdferw1 |      .0525907      .0156695      3.36      0.001      .0218791      .083302
> 4      _cons   |     41.81764      .8310319     50.32      0.000     40.18884     43.4464
> 3
-----
> -
      PTSDw2 <-
      crhtw2 |      2.825478      .7231279      3.91      0.000      1.408174      4.24278
> 3      PTSDw1 |      .0904689      .019674      4.60      0.000      .0519085      .129029
> 2      fdferw1 |      .0431227      .0202467      2.13      0.033      .0034398      .082805
> 6      _cons   |      2.032031      .8651793      2.35      0.019      .3363108      3.72775
> 1
-----
> -
      PTSDw1 <-
      injselfr |     11.48699      3.472512      3.31      0.001      4.680996     18.2929

```

```

> 9      fdferw1 |      .5689734      .0445575      12.77      0.000      .4816422      .656304
> 6      _cons   |      .1572958      2.472281      0.06      0.949      -4.688287      5.00287
> 8
-----
> -
      injselfr <-
      fdferw1 |      .0043575      .0006555      6.65      0.000      .0030728      .005642
> 3      _cons   |      .3670591      .0331329      11.08      0.000      .3021198      .431998
> 5
-----
> -
      cumdose2 <-
      cumdose1 |      1.339597      .0366997      36.50      0.000      1.267667      1.41152
> 7      _cons   |      .3879549      .0632438      6.13      0.000      .2639992      .511910
> 5
-----
> -
      cumdose3 <-
      cumdose2 |      1.087217      .0123079      88.34      0.000      1.063094      1.1113
> 4      cumdose1 |     -.0439337      .0184663      -2.38      0.017      -.080127      -.007740
> 3      _cons   |      .1920846      .0151063      12.72      0.000      .1624768      .221692
> 4
-----
> -
Variance
      e.crhtw1 |      .6254351      .0480394                        .5380243      .727047
> 3      e.crhtw2 |      .2641008      .0202855                        .2271901      .307008
> 3      e.crhtw3 |      .0632691      .0048597                        .0544266      .073548
> 2      e.MiPTSD |      70.21191      5.392944                        60.39909      81.6189
> 8      e.PTSDw2 |      119.9617      9.214201                        103.1958      139.451
> 4      e.PTSDw1 |      903.8907      69.42742                        777.5629      1050.74
> 3      e.injselfr |      .2211203      .0169841                        .1902165      .257044
> 9      e.cumdose2 |      1.271465      .0976606                        1.093765      1.47803
> 5      e.cumdose3 |      .0652934      .0050152                        .056168      .075901
> 4

```

```

> -
LR test of model vs. saturated: chi2(30) = 32.10, Prob > chi2 = 0.3629
2 .
3 . di "Robert A. Yaffee
  Robert A. Yaffee
4 . "
  unrecognized command: " invalid command name
  r(199);.
5 . sem, standardized

```

```

Structural equation model          Number of obs      =      339
Estimation method = ml
Log likelihood      = -7940.4683

```

> -						
Standardized	Coef.	OIM Std. Err.	z	P> z	[95% Conf. Interval	
>]						
> -						
Structural						
crhtw1 <-						
PTSDw1	.2036448	.0592268	3.44	0.001	.0875625	.319727
> 1						
injselfr	.2700536	.048705	5.54	0.000	.1745935	.365513
> 7						
fdferw1	.1943801	.0589537	3.30	0.001	.078833	.309927
> 2						
_cons	-.7149705	.062602	-11.42	0.000	-.8376682	-.592272
> 9						
> -						
crhtw2 <-						
crhtw1	.7294776	.0277846	26.25	0.000	.6750209	.783934
> 4						
injselfr	.1243234	.0367124	3.39	0.001	.0523684	.196278
> 5						
fdferw1	.086845	.0339765	2.56	0.011	.0202522	.153437
> 7						
_cons	-.2861947	.0529559	-5.40	0.000	-.3899864	-.18240
> 3						
> -						
crhtw3 <-						
crhtw1	-.1242207	.0351285	-3.54	0.000	-.1930712	-.055370

```

> 1      crhtw2 |    1.041821    .0217746    47.85    0.000    .9991437    1.08449
> 8      injselfr |     .04048    .0239682     1.69    0.091   -.0064968    .087456
> 8      _cons |   -.0522014    .0239947    -2.18    0.030   -.0992301   -.005172
> 6
-----
> -
MiPTSD <-
      crhtw1 |   -.1486941    .059975    -2.48    0.013   -.2662431   -.031145
> 2      crhtw3 |    .3507802    .0600787     5.84    0.000    .2330281    .468532
> 3      PTSDw2 |    .2667816    .0438584     6.08    0.000    .1808207    .352742
> 5      PTSDw1 |    .1799631    .0521731     3.45    0.001    .0777056    .282220
> 6      injselfr |    .1339278    .0451171     2.97    0.003    .0454999    .222355
> 8      fdferw1 |    .1720028    .0509056     3.38    0.001    .0722296    .27177
> 6      _cons |    3.510269    .161856    21.69    0.000    3.193037    3.82750
> 1
-----
> -
PTSDw2 <-
      crhtw2 |    .2053697    .0517171     3.97    0.000    .1040062    .306733
> 3      PTSDw1 |    .2780555    .0590272     4.71    0.000    .1623643    .393746
> 8      fdferw1 |    .1326807    .0619226     2.14    0.032    .0113147    .254046
> 7      _cons |    .1604675    .0698109     2.30    0.022    .0236407    .297294
> 4
-----
> -
PTSDw1 <-
      injselfr |    .1475549    .0443561     3.33    0.001    .0606185    .234491
> 3      fdferw1 |    .5695893    .0354328    16.08    0.000    .5001423    .639036
> 2      _cons |    .0040415    .0635914     0.06    0.949   -.1205953    .128678
> 3
-----
> -
injselfr <-
      fdferw1 |    .3395974    .046643     7.28    0.000    .2481789    .43101
> 6

```

```

      _cons | .7341981 .0790702 9.29 0.000 .5792234 .889172
> 9
-----
> -
      cumdose2 <-
      cumdose1 | .8928449 .0085431 104.51 0.000 .8761007 .90958
> 9
      _cons | .1549505 .0263369 5.88 0.000 .103331 .206569
> 9
-----
> -
      cumdose3 <-
      cumdose2 | 1.019854 .0102559 99.44 0.000 .9997531 1.03995
> 6
      cumdose1 | -.0274676 .0115624 -2.38 0.018 -.0501295 -.004805
> 8
      _cons | .0719658 .0060436 11.91 0.000 .0601205 .083811
> 1
-----
> -
Variance
      e.crhtw1 | .7255973 .0401861 .6509583 .808794
> 4
      e.crhtw2 | .3117414 .0277427 .2618447 .371146
> 3
      e.crhtw3 | .0748218 .0077574 .0610627 .09168
> 1
      e.MiPTSD | .494735 .0367096 .4277727 .572179
> 5
      e.PTSDw2 | .7480941 .0399982 .6736669 .830744
> 2
      e.PTSDw1 | .5967122 .0372096 .5280632 .674285
> 7
      e.injselfr | .8846736 .0316797 .8247114 .948995
> 4
      e.cumdose2 | .202828 .0152553 .1750276 .235044
> 1
      e.cumdose3 | .0091651 .000825 .0076827 .010933
> 5
-----
> -
LR test of model vs. saturated: chi2(30) = 32.10, Prob > chi2 = 0.3629

```

6 . estat ic

Model	Obs	ll(null)	ll(model)	df	AIC	BIC
.	339	.	-7940.468	42	15964.94	16125.63

Note: N=Obs used in calculating BIC; see [\[R\] BIC note](#)

7 . estat gof

Fit statistic	Value	Description
Likelihood ratio		
chi2_ms(30)	32.100	model vs. saturated
p > chi2	0.363	
chi2_bs(54)	4097.693	baseline vs. saturated
p > chi2	0.000	

8 . estat framework

(model contains no latent variables)

Endogenous variables on endogenous variables

		observed					
	Beta	crhtw1	crhtw2	crhtw3	MiPTSD	PTSDw2	P
> TSDw1							
observed							
> crhtw1		0	0	0	0	0	.00
> 48578							
> crhtw2		.7231965	0	0	0	0	
> 0							
> crhtw3		-.1230361	1.040848	0	0	0	
> 0							
> MiPTSD		-1.907961	0	4.544354	0	.2509758	.05
> 50842							
> PTSDw2		0	2.825478	0	0	0	.09
> 04689							
> PTSDw1		0	0	0	0	0	
> 0							
> injselfr		0	0	0	0	0	
> 0							
> cumdose2		0	0	0	0	0	

```

>      0
>      cumdose3 |      0      0      0      0      0
>      0
> _____
> _____

```

Beta	observed		
	injselfr	cumdose2	cumdose3
observed			
crhtw1	.5014995	0	0
crhtw2	.2288853	0	0
crhtw3	.074456	0	0
MiPTSD	3.191296	0	0
PTSDw2	0	0	0
PTSDw1	11.48699	0	0
injselfr	0	0	0
cumdose2	0	0	0
cumdose3	0	1.087217	0

Exogenous variables on endogenous variables

Gamma	observed	
	cumdose1	fdferw1
observed		
crhtw1	0	.0046318
crhtw2	0	.0020516
crhtw3	0	0
MiPTSD	0	.0525907
PTSDw2	0	.0431227
PTSDw1	0	.5689734
injselfr	0	.0043575
cumdose2	1.339597	0
cumdose3	-.0439337	0

Covariances of error variables

```

> | observed
> Psi | e.crhtw1 e.crhtw2 e.crhtw3 e.MiPTSD e.PTSDw2 e.P
> TSDw1 |
> |
> observed |
> e.crhtw1 | .6254351
> e.crhtw2 | 0 .2641008
> e.crhtw3 | 0 0 .0632691
> e.MiPTSD | 0 0 0 70.21191
> e.PTSDw2 | 0 0 0 0 119.9617
> e.PTSDw1 | 0 0 0 0 0 903
> .8907
> e.injselfr | 0 0 0 0 0
> 0
> e.cumdose2 | 0 0 0 0 0
> 0
> e.cumdose3 | 0 0 0 0 0
> 0
> |
> |

```

	Psi	observed		
		e.injse~r	e.cumdo~2	e.cumdo~3
observed				
e.injselfr		.2211203		
e.cumdose2		0	1.271465	
e.cumdose3		0	0	.0652934

Intercepts of endogenous variables

```

> | observed
> alpha | crhtw1 crhtw2 crhtw3 MiPTSD PTSDw2 P
> TSDw1 |
> -----|-----
> _cons | -.6637911 -.2634203 -.0480025 41.81764 2.032031 .15
> 72958 |
> -----|-----
> -----|-----

```

	alpha	observed		
		injselfr	cumdose2	cumdose3
	_cons	.3670591	.3879549	.1920846

Covariances of exogenous variables

	Phi	observed	
		cumdose1	fdferw1
observed			
cumdose1		2.78471	
fdferw1		5.08249	1518.066

Means of exogenous variables

	kappa	observed	
		cumdose1	fdferw1
mean		.4300973	32.20059

```
9 . estat teffects, standardized
```

Direct effects

		Coef.	OIM Std. Err.	z	P> z	Std. Coef
> -						
> .						
> -						
Structural						
crhtw1 <-						
	PTSDw1	.0048578	.0014287	3.40	0.001	.203644
> 8						
	injselfr	.5014995	.0928059	5.40	0.000	.270053
> 6						
	fdferw1	.0046318	.0014264	3.25	0.001	.194380
> 1						
> -						
crhtw2 <-						
	crhtw1	.7231965	.0347066	20.84	0.000	.729477
> 6						
	PTSDw1	0	(no path)			
> 0						
	injselfr	.2288853	.0624287	3.67	0.000	.124323
> 4						
	fdferw1	.0020516	.0008037	2.55	0.011	.08684
> 5						
> -						
crhtw3 <-						
	crhtw1	-.1230361	.0255087	-4.82	0.000	-.124220
> 7						
	crhtw2	1.040848	.0263316	39.53	0.000	1.04182
> 1						
	PTSDw1	0	(no path)			
> 0						
	injselfr	.074456	.0306789	2.43	0.015	.0404
> 8						
	fdferw1	0	(no path)			
> 0						
> -						
MiPTSD <-						
	crhtw1	-1.907961	.7608603	-2.51	0.012	-.148694
> 1						
	crhtw2	0	(no path)			
> 0						
	crhtw3	4.544354	.7900611	5.75	0.000	.350780
> 2						

```

        PTSDw2 | .2509758 .0417516 6.01 0.000 .266781
> 6 PTSDw1 | .0550842 .0160018 3.44 0.001 .179963
> 1 injselfr | 3.191296 1.055686 3.02 0.003 .133927
> 8 fdferw1 | .0525907 .0156695 3.36 0.001 .172002
> 8
-----
> -
PTSDw2 <-
    crhtw1 | 0 (no path)
> 0 crhtw2 | 2.825478 .7231279 3.91 0.000 .205369
> 7 PTSDw1 | .0904689 .019674 4.60 0.000 .278055
> 5 injselfr | 0 (no path)
> 0 fdferw1 | .0431227 .0202467 2.13 0.033 .132680
> 7
-----
> -
PTSDw1 <-
    injselfr | 11.48699 3.472512 3.31 0.001 .147554
> 9 fdferw1 | .5689734 .0445575 12.77 0.000 .569589
> 3
-----
> -
injselfr <-
    fdferw1 | .0043575 .0006555 6.65 0.000 .339597
> 4
-----
> -
cumdose2 <-
    cumdose1 | 1.339597 .0366997 36.50 0.000 .892844
> 9
-----
> -
cumdose3 <-
    cumdose2 | 1.087217 .0123079 88.34 0.000 1.01985
> 4 cumdose1 | -.0439337 .0184663 -2.38 0.017 -.027467
> 6
-----
> -

```

Indirect effects

		OIM				
		Coef.	Std. Err.	z	P> z	Std. Coef
> -						
> .						
> -						
Structural						
crhtw1 <-						
PTSDw1	0 (no path)					
> 0						
injselfr	.0558017 .0168688 3.31 0.001 .030048					
> 8						
fdferw1	.0051924 .000997 5.21 0.000 .217907					
> 9						
> -						
crhtw2 <-						
crhtw1	0 (no path)					
> 0						
PTSDw1	.0035132 .0010332 3.40 0.001 .148554					
> 3						
injselfr	.4030383 .0682166 5.91 0.000 .21891					
> 8						
fdferw1	.0081022 .0009806 8.26 0.000 .342974					
> 8						
> -						
crhtw3 <-						
crhtw1	.7527379 .0361243 20.84 0.000 .759985					
> 1						
crhtw2	0 (no path)					
> 0						
PTSDw1	.003059 .0008996 3.40 0.001 .129470					
> 1						
injselfr	.5891685 .0880359 6.69 0.000 .320317					
> 2						
fdferw1	.0096843 .0011272 8.59 0.000 .410327					
> 5						
> -						
MiPTSD <-						
crhtw1	3.374426 .2215238 15.23 0.000 .262980					
> 8						
crhtw2	5.43911 .2173851 25.02 0.000 .42023					
> 9						
crhtw3	0 (no path)					
> 0						

```

      PTSDw2 |           0 (no path)
> 0
      PTSDw1 |   .0298293   .0053638    5.56   0.000           .09745
> 4
    injselfr |   3.294119   .4901042    6.72   0.000           .138242
> 9
    fdferw1 |   .1053479   .0131261    8.03   0.000           .344549
> 8
-----
> -
    PTSDw2 <-
      crhtw1 |   2.043376   .0980626   20.84   0.000           .149812
> 6
      crhtw2 |           0 (no path)
> 0
      PTSDw1 |   .0099263   .0029193    3.40   0.001           .030508
> 6
    injselfr |   2.824702   .4342978    6.50   0.000           .111519
> 9
    fdferw1 |   .0846922   .014392    5.88   0.000           .260582
> 6
-----
> -
    PTSDw1 <-
      injselfr |           0 (no path)
> 0
      fdferw1 |   .0500551   .0169015    2.96   0.003           .050109
> 3
-----
> -
    injselfr <-
      fdferw1 |           0 (no path)
> 0
-----
> -
    cumdose2 <-
      cumdose1 |           0 (no path)
> 0
-----
> -
    cumdose3 <-
      cumdose2 |           0 (no path)
> 0
      cumdose1 |   1.456433   .0431728   33.73   0.000           .910571
> 8
-----
> -

```

Total effects

		Coef.	OIM Std. Err.	z	P> z	Std. Coef
> -						
> .						
> -						
Structural						
crhtw1 <-						
	PTSDw1	.0048578	.0014287	3.40	0.001	.203644
> 8						
	injselfr	.5573012	.0943265	5.91	0.000	.300102
> 4						
	fdferw1	.0098242	.0011791	8.33	0.000	.41228
> 8						
> -						
crhtw2 <-						
	crhtw1	.7231965	.0347066	20.84	0.000	.729477
> 6						
	PTSDw1	.0035132	.0010332	3.40	0.001	.148554
> 3						
	injselfr	.6319236	.0924708	6.83	0.000	.343241
> 4						
	fdferw1	.0101538	.0011585	8.76	0.000	.429819
> 7						
> -						
crhtw3 <-						
	crhtw1	.6297018	.0442228	14.24	0.000	.635764
> 5						
	crhtw2	1.040848	.0263316	39.53	0.000	1.04182
> 1						
	PTSDw1	.003059	.0008996	3.40	0.001	.129470
> 1						
	injselfr	.6636245	.0932283	7.12	0.000	.360797
> 2						
	fdferw1	.0096843	.0011272	8.59	0.000	.410327
> 5						
> -						
MiPTSD <-						
	crhtw1	1.466464	.7924526	1.85	0.064	.114286
> 7						
	crhtw2	5.43911	.2173851	25.02	0.000	.42023
> 9						
	crhtw3	4.544354	.7900611	5.75	0.000	.350780
> 2						

```

        PTSDw2 | .2509758 .0417516 6.01 0.000 .266781
> 6
        PTSDw1 | .0849135 .0168768 5.03 0.000 .277417
> 1
    injselfr | 6.485415 1.163905 5.57 0.000 .272170
> 8
    fdferw1 | .1579386 .0141501 11.16 0.000 .516552
> 6
-----
> -
    PTSDw2 <-
        crhtw1 | 2.043376 .0980626 20.84 0.000 .149812
> 6
        crhtw2 | 2.825478 .7231279 3.91 0.000 .205369
> 7
        PTSDw1 | .1003952 .0198894 5.05 0.000 .308564
> 1
    injselfr | 2.824702 .4342978 6.50 0.000 .111519
> 9
    fdferw1 | .1278148 .0162299 7.88 0.000 .393263
> 3
-----
> -
    PTSDw1 <-
        injselfr | 11.48699 3.472512 3.31 0.001 .147554
> 9
        fdferw1 | .6190285 .0425806 14.54 0.000 .619698
> 5
-----
> -
    injselfr <-
        fdferw1 | .0043575 .0006555 6.65 0.000 .339597
> 4
-----
> -
    cumdose2 <-
        cumdose1 | 1.339597 .0366997 36.50 0.000 .892844
> 9
-----
> -
    cumdose3 <-
        cumdose2 | 1.087217 .0123079 88.34 0.000 1.01985
> 4
        cumdose1 | 1.412499 .040758 34.66 0.000 .883104
> 1
-----
> -

```

```
10 . di "Cluster robust over time"
```

Cluster robust over time

```
11 . sem (crhtw1 -> crhtw2) (crhtw1 -> crhtw3) (crhtw1 -> MiPTSD) (crhtw2 -> crht
> w3) (crhtw2 -> PTSDw2) (crhtw3 -> MiPTSD) (PTSDw1 -> crhtw1) (PTSDw1 -> PTSD
> w2) (PTSDw1 -> MiPTSD) (PTSDw2 -> MiPTSD) (injselfr -> crhtw1) (injselfr ->
> crhtw2) (injselfr -> crhtw3) (injselfr -> PTSDw1) (injselfr -> MiPTSD) (cumd
> ose1 -> cumdose2) (cumdose1 -> cumdose3) (cumdose2 -> cumdose3) (fdferw1 ->
> crhtw1) (fdferw1 -> crhtw2) (fdferw1 -> PTSDw1) (fdferw1 -> PTSDw2) (fdferw1
> -> MiPTSD) (fdferw1 -> injselfr) if gender==1, vce(cluster id) nocapslatent
```

Endogenous variables

Observed: **crhtw1 crhtw2 crhtw3 MiPTSD PTSDw2 PTSDw1 injselfr cumdose2
cumdose3**

Exogenous variables

Observed: **cumdose1 fdferw1**

Fitting target model:

Iteration 0: log pseudolikelihood = **-7940.4683**

Iteration 1: log pseudolikelihood = **-7940.4683**

Structural equation model Number of obs = **339**

Estimation method = **ml**

Log pseudolikelihood= **-7940.4683**

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

>)

		Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval	
> -							
>]							
> -							
Structural							
crhtw1 <-							
PTSDw1		.0048578	.0013114	3.70	0.000	.0022875	.007428
> 2							
injselfr		.5014995	.0949467	5.28	0.000	.3154074	.687591
> 7							
fdferw1		.0046318	.0014057	3.29	0.001	.0018766	.00738
> 7							
_cons		-.6637911	.0644909	-10.29	0.000	-.790191	-.537391
> 3							

```

> -
    crhtw2 <- |
        crhtw1 | .7231965 .0426289 16.96 0.000 .6396453 .806747
> 6
    injselfr | .2288853 .0715661 3.20 0.001 .0886184 .369152
> 2
    fdferw1 | .0020516 .0008489 2.42 0.016 .0003878 .003715
> 3
    _cons | -.2634203 .0451324 -5.84 0.000 -.3518782 -.174962
> 4
    -----
> -
    crhtw3 <- |
        crhtw1 | -.1230361 .0383291 -3.21 0.001 -.1981598 -.047912
> 4
        crhtw2 | 1.040848 .0316977 32.84 0.000 .978722 1.10297
> 5
    injselfr | .074456 .0295742 2.52 0.012 .0164916 .132420
> 4
    _cons | -.0480025 .0165014 -2.91 0.004 -.0803447 -.015660
> 3
    -----
> -
    MiPTSD <- |
        crhtw1 | -1.907961 .7956899 -2.40 0.016 -3.467485 -.348437
> 9
        crhtw3 | 4.544354 .8420389 5.40 0.000 2.893988 6.1947
> 2
        PTSDw2 | .2509758 .0681866 3.68 0.000 .1173324 .384619
> 1
        PTSDw1 | .0550842 .0205745 2.68 0.007 .0147589 .095409
> 5
    injselfr | 3.191296 .9792807 3.26 0.001 1.271942 5.11065
> 1
    fdferw1 | .0525907 .0190261 2.76 0.006 .0153003 .089881
> 2
    _cons | 41.81764 .8020283 52.14 0.000 40.24569 43.3895
> 8
    -----
> -
    PTSDw2 <- |
        crhtw2 | 2.825478 .6673048 4.23 0.000 1.517585 4.13337
> 2
        PTSDw1 | .0904689 .0231606 3.91 0.000 .0450749 .135862
> 9
    fdferw1 | .0431227 .0198095 2.18 0.029 .0042968 .081948
> 5
    _cons | 2.032031 .622992 3.26 0.001 .8109892 3.25307
> 3

```

```

> -
PTSDw1 <-
  injselfr | 11.48699 3.56193 3.22 0.001 4.50574 18.4682
> 5
  fdferw1 | .5689734 .0518786 10.97 0.000 .4672933 .670653
> 5
  _cons | .1572958 1.724654 0.09 0.927 -3.222964 3.53755
> 5

```

```

> -
  injselfr <-
    fdferw1 | .0043575 .0005858 7.44 0.000 .0032093 .005505
> 8
    _cons | .3670591 .0340622 10.78 0.000 .3002984 .433819
> 8

```

```

> -
  cumdose2 <-
    cumdose1 | 1.339597 .2873117 4.66 0.000 .7764767 1.90271
> 8
    _cons | .3879549 .0833225 4.66 0.000 .2246458 .551263
> 9

```

```

> -
  cumdose3 <-
    cumdose2 | 1.087217 .0775735 14.02 0.000 .9351758 1.23925
> 8
    cumdose1 | -.0439337 .0846185 -0.52 0.604 -.2097829 .121915
> 5
    _cons | .1920846 .0309996 6.20 0.000 .1313266 .252842
> 6

```

```

> -
Variance
  e.crhtw1 | .6254351 .0405482 .5508042 .710178
> 1
  e.crhtw2 | .2641008 .0352958 .2032407 .343185
> 4
  e.crhtw3 | .0632691 .0183167 .0358728 .111588
> 1
  e.MiPTSD | 70.21191 6.635446 58.34009 84.4995
> 5
  e.PTSDw2 | 119.9617 30.09372 73.36842 196.144
> 4
  e.PTSDw1 | 903.8907 83.87613 753.5794 1084.18
> 3
  e.injselfr | .2211203 .0080596 .2058748 .237494
> 7

```

```

e.cumdose2 | 1.271465 .8062854 .3668804 4.40640
> 5
e.cumdose3 | .0652934 .0299735 .0265533 .160553
> 7

```

```

> -
12 .
13 . sem (crhtw1 -> crhtw2) (crhtw1 -> crhtw3) (crhtw1 -> MiPTSD) (crhtw2 -> crht
> w3) (crhtw2 -> PTSDw2) (crhtw3 -> MiPTSD) (PTSDw1 -> crhtw1) (PTSDw1 -> PTSD
> w2) (PTSDw1 -> MiPTSD) (PTSDw2 -> MiPTSD) (injselfr -> crhtw1) (injselfr ->
> crhtw2) (injselfr -> crhtw3) (injselfr -> PTSDw1) (injselfr -> MiPTSD) (cumd
> osel -> cumdose2) (cumdose1 -> cumdose3) (cumdose2 -> cumdose3) (fdferw1 ->
> crhtw1) (fdferw1 -> crhtw2) (fdferw1 -> PTSDw1) (fdferw1 -> PTSDw2) (fdferw1
> -> MiPTSD) (fdferw1 -> injselfr) if gender==1, vce(cluster id) standardized
> nocapslatent

```

Endogenous variables

Observed: **crhtw1 crhtw2 crhtw3 MiPTSD PTSDw2 PTSDw1 injselfr cumdose2 cumdose3**

Exogenous variables

Observed: **cumdose1 fdferw1**

Fitting target model:

Iteration 0: log pseudolikelihood = **-7940.4683**
Iteration 1: log pseudolikelihood = **-7940.4683**

Structural equation model Number of obs = **339**
Estimation method = **ml**
Log pseudolikelihood= **-7940.4683**

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

```

> )

```

```

> -

```

Standardized	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval	
>]						
> -						
Structural						
crhtw1 <-						
PTSDw1	.2036448	.055262	3.69	0.000	.0953332	.311956
> 4						
injselfr	.2700536	.0493535	5.47	0.000	.1733225	.366784
> 7						

```

      fdferw1 |   .1943801   .0586235    3.32   0.001   .0794801    .3092
> 8      _cons |  -.7149705   .0688283   -10.39   0.000  -.8498716   -.580069
> 5
-----
> -
      crhtw2 <-
      crhtw1 |   .7294776   .0410092    17.79   0.000   .6491011   .809854
> 2      injselfr |   .1243234   .0388396    3.20   0.001   .0481991   .200447
> 7      fdferw1 |   .086845    .0359792    2.41   0.016   .016327    .157362
> 9      _cons |  -.2861947   .049266    -5.81   0.000  -.3827543   -.189635
> 1
-----
> -
      crhtw3 <-
      crhtw1 |  -.1242207   .040508    -3.07   0.002  -.203615   -.044826
> 4      crhtw2 |   1.041821   .029466    35.36   0.000   .9840687   1.09957
> 3      injselfr |    .04048    .0176063    2.30   0.021   .0059722   .074987
> 8      _cons |  -.0522014   .0179052    -2.92   0.004  -.087295   -.017107
> 8
-----
> -
      MiPTSD <-
      crhtw1 |  -.1486941   .0619172    -2.40   0.016  -.2700496   -.027338
> 7      crhtw3 |   .3507802   .0641917    5.46   0.000   .2249668   .476593
> 6      PTSDw2 |   .2667816   .058049    4.60   0.000   .1530077   .380555
> 6      PTSDw1 |   .1799631   .0666201    2.70   0.007    .04939    .310536
> 2      injselfr |   .1339278   .0409918    3.27   0.001   .0535853   .214270
> 3      fdferw1 |   .1720028   .0624052    2.76   0.006   .0496909   .294314
> 7      _cons |   3.510269   .1602696   21.90   0.000   3.196146   3.82439
> 2
-----
> -
      PTSDw2 <-
      crhtw2 |   .2053697   .0378069    5.43   0.000   .1312696   .279469
> 9      PTSDw1 |   .2780555   .0512411    5.43   0.000   .1776248   .378486

```

```

> 3      fdferw1 | .1326807 .0595285 2.23 0.026 .016007 .249354
> 4      _cons | .1604675 .0522588 3.07 0.002 .0580422 .262892
> 9
-----
> -
PTSDw1 <-
  injselfr | .1475549 .0449892 3.28 0.001 .0593777 .235732
> 1      fdferw1 | .5695893 .047471 12.00 0.000 .4765477 .662630
> 8      _cons | .0040415 .044297 0.09 0.927 -.082779 .090861
> 9
-----
> -
injselfr <-
  fdferw1 | .3395974 .045766 7.42 0.000 .2498978 .429297
> 1      _cons | .7341981 .0685545 10.71 0.000 .5998339 .868562
> 4
-----
> -
cumdose2 <-
  cumdose1 | .8928449 .0561136 15.91 0.000 .7828642 1.00282
> 6      _cons | .1549505 .0607204 2.55 0.011 .0359407 .273960
> 3
-----
> -
cumdose3 <-
  cumdose2 | 1.019854 .0497131 20.51 0.000 .9224185 1.1172
> 9      cumdose1 | -.0274676 .0572264 -0.48 0.631 -.1396293 .08469
> 4      _cons | .0719658 .0122094 5.89 0.000 .0480358 .095895
> 8
-----
> -
Variance
  e.crhtw1 | .7255973 .0428969 .646209 .814738
> 5      e.crhtw2 | .3117414 .043204 .2375895 .409036
> 2      e.crhtw3 | .0748218 .0216941 .0423865 .132077
> 3      e.MiPTSD | .494735 .0414211 .4198622 .582959
> 7      e.PTSDw2 | .7480941 .0411906 .6715657 .833343

```

```

> 5
    e.PTSDw1 |      .5967122   .0506483                .5052611   .704715
> 8
    e.injselfr |      .8846736   .031084                .8258005   .947743
> 9
    e.cumdose2 |      .202828   .1002015                .0770222   .534121
> 7
    e.cumdose3 |      .0091651   .0043052                .00365    .023013
> 4

```

```
> -
```

```
14 .
```

```

15 . sem (crhtw1 -> crhtw2) (crhtw1 -> crhtw3) (crhtw1 -> MiPTSD) (crhtw2 -> crht
> w3) (crhtw2 -> PTSDw2) (crhtw3 -> MiPTSD) (PTSDw1 -> crhtw1) (PTSDw1 -> PTSD
> w2) (PTSDw1 -> MiPTSD) (PTSDw2 -> MiPTSD) (injselfr -> crhtw1) (injselfr ->
> crhtw2) (injselfr -> crhtw3) (injselfr -> PTSDw1) (injselfr -> MiPTSD) (cumd
> ose1 -> cumdose2) (cumdose1 -> cumdose3) (cumdose2 -> cumdose3) (fdferw1 ->
> crhtw1) (fdferw1 -> crhtw2) (fdferw1 -> PTSDw1) (fdferw1 -> PTSDw2) (fdferw1
> -> MiPTSD) (fdferw1 -> injselfr) if gender==1, method(mlmv) standardized no
> capslatent

```

Endogenous variables

Observed: **crhtw1 crhtw2 crhtw3 MiPTSD PTSDw2 PTSDw1 injselfr cumdose2
cumdose3**

Exogenous variables

Observed: **cumdose1 fdferw1**

Fitting target model:

Iteration 0: log likelihood = **-7940.4683**

Iteration 1: log likelihood = **-7940.4683**

Structural equation model

Estimation method = **mlmv**

Log likelihood = **-7940.4683**

Number of obs = **339**

> -						
Standardized		OIM				
>]	Coef.	Std. Err.	z	P> z	[95% Conf. Interval	
> -						
Structural						
crhtw1 <-						
	PTSDw1	.2036448	.0592268	3.44	0.001	.0875625 .319727
> 1						
	injselfr	.2700536	.048705	5.54	0.000	.1745935 .365513
> 7						
	fdferw1	.1943801	.0589537	3.30	0.001	.078833 .309927
> 2						
	_cons	-.7149705	.062602	-11.42	0.000	-.8376682 -.592272
> 9						
> -						
crhtw2 <-						
	crhtw1	.7294776	.0277846	26.25	0.000	.6750209 .783934
> 4						
	injselfr	.1243234	.0367124	3.39	0.001	.0523684 .196278
> 5						
	fdferw1	.086845	.0339765	2.56	0.011	.0202522 .153437
> 7						
	_cons	-.2861947	.0529559	-5.40	0.000	-.3899864 -.18240
> 3						
> -						
crhtw3 <-						
	crhtw1	-.1242207	.0351285	-3.54	0.000	-.1930712 -.055370
> 1						
	crhtw2	1.041821	.0217746	47.85	0.000	.9991437 1.08449
> 8						
	injselfr	.04048	.0239682	1.69	0.091	-.0064968 .087456
> 8						
	_cons	-.0522014	.0239947	-2.18	0.030	-.0992301 -.005172
> 6						
> -						
MiPTSD <-						
	crhtw1	-.1486941	.059975	-2.48	0.013	-.2662431 -.031145
> 2						
	crhtw3	.3507802	.0600787	5.84	0.000	.2330281 .468532
> 3						
	PTSDw2	.2667816	.0438584	6.08	0.000	.1808207 .352742
> 5						
	PTSDw1	.1799631	.0521731	3.45	0.001	.0777056 .282220

```

> 6      injselfr |      .1339278      .0451171      2.97      0.003      .0454999      .222355
> 8      fdferw1 |      .1720028      .0509056      3.38      0.001      .0722296      .27177
> 6      _cons   |      3.510269      .161856      21.69      0.000      3.193037      3.82750
> 1
-----
> -
PTSDw2 <-
      crhtw2 |      .2053697      .0517171      3.97      0.000      .1040062      .306733
> 3      PTSDw1 |      .2780555      .0590272      4.71      0.000      .1623643      .393746
> 8      fdferw1 |      .1326807      .0619226      2.14      0.032      .0113147      .254046
> 7      _cons   |      .1604675      .0698109      2.30      0.022      .0236407      .297294
> 4
-----
> -
PTSDw1 <-
      injselfr |      .1475549      .0443561      3.33      0.001      .0606185      .234491
> 3      fdferw1 |      .5695893      .0354328      16.08      0.000      .5001423      .639036
> 2      _cons   |      .0040415      .0635914      0.06      0.949      -.1205953      .128678
> 3
-----
> -
injselfr <-
      fdferw1 |      .3395974      .046643      7.28      0.000      .2481789      .43101
> 6      _cons   |      .7341981      .0790702      9.29      0.000      .5792234      .889172
> 9
-----
> -
cumdose2 <-
      cumdose1 |      .8928449      .0085431      104.51      0.000      .8761007      .90958
> 9      _cons   |      .1549505      .0263369      5.88      0.000      .103331      .206569
> 9
-----
> -
cumdose3 <-
      cumdose2 |      1.019854      .0102559      99.44      0.000      .9997531      1.03995
> 6      cumdose1 |      -.0274676      .0115624      -2.38      0.018      -.0501295      -.004805
> 8      _cons   |      .0719658      .0060436      11.91      0.000      .0601205      .083811

```

> 1				
> -				
Variance				
e.crhtw1	.7255973	.0401861	.6509583	.808794
> 4				
e.crhtw2	.3117414	.0277427	.2618447	.371146
> 3				
e.crhtw3	.0748218	.0077574	.0610627	.09168
> 1				
e.MiPTSD	.494735	.0367096	.4277727	.572179
> 5				
e.PTSDw2	.7480941	.0399982	.6736669	.830744
> 2				
e.PTSDw1	.5967122	.0372096	.5280632	.674285
> 7				
e.injselr	.8846736	.0316797	.8247114	.948995
> 4				
e.cumdose2	.202828	.0152553	.1750276	.235044
> 1				
e.cumdose3	.0091651	.000825	.0076827	.010933
> 5				

> -

LR test of model vs. saturated: chi2(30) = 32.10, Prob > chi2 = 0.3629

16 .

17 . sjlog close, replace