```
1 . sem (cumdose1 -> cumdose2) (cumdose1 -> whpsleep) (cumdose1 -> goferw1) (cum
  > dose2 -> cumdose3) (whpsleep -> whpel) (whpsleep -> whppa) (goferw1 -> gofer
  > w2) (goferw1 -> aborw3) (goferw1 -> crhrw2) (aborw2) (aborw3 -> whppa) (crhr
  > w1 -> goferw1) (crhrw1 -> aborw1) (crhrw1 -> crhrw2) (crhrw1 -> crhrw3) (crh
  > rw2 -> crhrw3) (crhrw3 -> whpsleep) (crhrw3 -> whpel) (crhrw3 -> whppa) (whp
  > el -> whppa) if gender==2, cov( e.cumdose2*e.cumdose3 e.goferw2*e.crhrw2 e.a
  > borw3*e.crhrw3 e.crhrw2*e.crhrw3) nocapslatent
  (2 observations with missing values excluded;
   specify option 'method(mlmv)' to use all observations)

  Endogenous variables

  Observed:  cumdose2 whpsleep goferw1 cumdose3 whpel whppa goferw2 aborw3
             crhrw2 aborw1 crhrw3

  Exogenous variables

  Observed:  cumdose1 aborw2 crhrw1

  Fitting target model:

  Iteration 0:   log likelihood = -11018.552
  Iteration 1:   log likelihood = -10979.936
  Iteration 2:   log likelihood = -10969.698
  Iteration 3:   log likelihood = -10968.272
  Iteration 4:   log likelihood =  -10968.25
  Iteration 5:   log likelihood =  -10968.25

  Structural equation model                       Number of obs      =       361
  Estimation method  = ml
  Log likelihood     =  -10968.25
```

	OIM				
	Coef.	Std. Err.	z	P>|z|	[95% Conf. Interval]
Structural					
cumdo~2 <-					
cumdose1	2.18886	.0650405	33.65	0.000	2.061383 2.316337
_cons	.1616705	.0419252	3.86	0.000	.0794987 .2438424
whpsl~p <-					
crhrw3	8.868405	1.752352	5.06	0.000	5.433859 12.30295
cumdose1	7.757649	2.842872	2.73	0.006	2.185724 13.32958
_cons	22.21524	1.822236	12.19	0.000	18.64372 25.78676
goferw1 <-					
cumdose1	13.36539	3.353419	3.99	0.000	6.79281 19.93797

crhrw1	5.207906	1.952287	2.67	0.008	1.381494	9.034318
_cons	24.47255	2.167851	11.29	0.000	20.22364	28.72146
cumdo~3 <-						
cumdose2	1.231229	.0130696	94.21	0.000	1.205613	1.256845
_cons	.0991724	.0196258	5.05	0.000	.0607066	.1376383
whpel <-						
whpsleep	.5418411	.0516632	10.49	0.000	.4405831	.6430991
crhrw3	4.486308	1.789785	2.51	0.012	.9783935	7.994222
_cons	16.95847	2.018407	8.40	0.000	13.00247	20.91448
whppa <-						
whpsleep	.2177445	.0336108	6.48	0.000	.1518686	.2836204
whpel	.2186883	.0298938	7.32	0.000	.1600975	.277279
aborw3	-4.971303	2.087643	-2.38	0.017	-9.063008	-.8795992
crhrw3	2.707541	1.02623	2.64	0.008	.6961675	4.718915
_cons	5.980459	1.288088	4.64	0.000	3.455854	8.505064
goferw2 <-						
goferw1	.2005401	.0230763	8.69	0.000	.1553115	.2457688
_cons	2.160713	1.078869	2.00	0.045	.0461689	4.275257
aborw3 <-						
goferw1	-.001451	.000605	-2.40	0.016	-.0026367	-.0002652
_cons	.1676843	.0283007	5.93	0.000	.1122159	.2231526
crhrw2 <-						
goferw1	.0048431	.0008784	5.51	0.000	.0031213	.0065648
crhrw1	.6039284	.0342304	17.64	0.000	.536838	.6710188
_cons	-.0514866	.0413488	-1.25	0.213	-.1325287	.0295555
aborw1 <-						
crhrw1	.177193	.0493987	3.59	0.000	.0803733	.2740128
_cons	.250798	.0471161	5.32	0.000	.1584522	.3431438
crhrw3 <-						
crhrw2	1.232084	.0842931	14.62	0.000	1.066873	1.397296
crhrw1	-.232855	.0557286	-4.18	0.000	-.3420811	-.1236289
_cons	-.0085252	.0179432	-0.48	0.635	-.0436933	.0266429
Variance						
e.cumdose2	.4618044	.0343732			.3991179	.5343367
e.whpsleep	864.9434	64.37972			747.5337	1000.794
e.goferw1	1224.275	91.12556			1058.088	1416.562
e.cumdose3	.0893406	.0067436			.0770546	.1035855
e.whpel	850.5979	63.31195			735.1356	984.1951
e.whppa	274.2456	20.41273			237.0188	317.3194
e.goferw2	251.1142	18.691			217.0273	290.5549

e.aborw3	.1729249	.0128712			.1494516	.200085
e.crhrw2	.3767426	.0279205			.3258081	.4356398
e.aborw1	.7859768	.0585021			.6792862	.9094244
e.crhrw3	.0941987	.0142397			.0700441	.1266829
Covariance						
e.cumdose2						
e.cumdose3	.0428724	.0124823	3.43	0.001	.0184076	.0673373
e.goferw2						
e.crhrw2	1.323012	.493762	2.68	0.007	.3552563	2.290768
e.aborw3						
e.crhrw3	.0152665	.0062381	2.45	0.014	.00304	.027493
e.crhrw2						
e.crhrw3	-.0734911	.0329198	-2.23	0.026	-.1380128	-.0089694

LR test of model vs. saturated: chi2(65) = 68.23, Prob > chi2 = 0.3682

```
2 .
3 . estat stable
```

Stability analysis of simultaneous equation systems

Eigenvalue stability condition

Eigenvalue	Modulus
-.00063434 + .00036633*i*	.000733
-.00063434 - .00036633*i*	.000733
1.610e-07 + .00073239*i*	.000732
1.610e-07 - .00073239*i*	.000732
.00063418 + .00036605*i*	.000732
.00063418 - .00036605*i*	.000732
-1.735e-18	1.7e-18
0	0
0	0
0	0
0	0

stability index = .0007325
All the eigenvalues lie inside the unit circle.
SEM satisfies stability condition.

```
4 . estat mindices
```

Modification indices

	MI	df	P>MI	EPC	Standard EPC
Structural					
cumdose3 <- goferw2	**7.703**	**1**	**0.01**	**.0024586**	**.0243674**
crhrw2 <- aborw1	**9.379**	**1**	**0.00**	**-.1014869**	**-.1048849**
aborw2	**4.654**	**1**	**0.03**	**-.0871988**	**-.0726031**
aborw1 <- crhrw2	**4.762**	**1**	**0.03**	**-.1596683**	**-.1544955**
crhrw3	**9.079**	**1**	**0.00**	**-.1930271**	**-.1907954**
crhrw3 <- aborw1	**6.441**	**1**	**0.01**	**-.0421453**	**-.0426383**
Covariance					
e.cumdose3 e.goferw2	**7.225**	**1**	**0.01**	**.6477869**	**.1367641**
e.crhrw2 e.aborw1	**9.379**	**1**	**0.00**	**-.0797664**	**-.146586**
e.aborw1 e.crhrw3	**6.441**	**1**	**0.01**	**-.0331252**	**-.1217396**

EPC = expected parameter change

```
5 . estat gof
```

Fit statistic	Value	Description
Likelihood ratio		
chi2_ms(**65**)	**68.227**	model vs. saturated
p > chi2	**0.368**	
chi2_bs(**88**)	**3425.486**	baseline vs. saturated
p > chi2	**0.000**	

```
6 . estat ic
```

Model	Obs	ll(null)	ll(model)	df	AIC	BIC
.	**361**	.	**-10968.25**	**45**	**22026.5**	**22201.5**

Note: N=Obs used in calculating BIC; see **[R] BIC note**

```
7 . sem (cumdose1 -> cumdose2) (cumdose1 -> whpsleep) (cumdose1 -> goferw1) (cum
> dose2 -> cumdose3) (whpsleep -> whpel) (whpsleep -> whppa) (goferw1 -> gofer
> w2) (goferw1 -> aborw3) (goferw1 -> crhrw2) (aborw2) (aborw3 -> whppa) (crhr
> w1 -> goferw1) (crhrw1 -> aborw1) (crhrw1 -> crhrw2) (crhrw1 -> crhrw3) (crh
> rw2 -> crhrw3) (crhrw3 -> whpsleep) (crhrw3 -> whpel) (crhrw3 -> whppa) (whp
> el -> whppa) if gender==2, vce(cluster id) cov( e.cumdose2*e.cumdose3 e.gofe
> rw2*e.crhrw2 e.aborw3*e.crhrw3 e.crhrw2*e.crhrw3) nocapslatent
(2 observations with missing values excluded;
 specify option 'method(mlmv)' to use all observations)

Endogenous variables

Observed:  cumdose2 whpsleep goferw1 cumdose3 whpel whppa goferw2 aborw3
           crhrw2 aborw1 crhrw3

Exogenous variables

Observed:  cumdose1 aborw2 crhrw1

Fitting target model:

Iteration 0:   log pseudolikelihood = -11018.552
Iteration 1:   log pseudolikelihood = -10979.936
Iteration 2:   log pseudolikelihood = -10969.698
Iteration 3:   log pseudolikelihood = -10968.272
Iteration 4:   log pseudolikelihood =  -10968.25
Iteration 5:   log pseudolikelihood =  -10968.25

Structural equation model                       Number of obs      =       361
Estimation method  = ml
Log pseudolikelihood=  -10968.25
```

(Std. Err. adjusted for **361** clusters in id)

	Coef.	Robust Std. Err.	z	P>|z|	[95% Conf.	Interval]
Structural						
cumdo~2 <-						
cumdose1	**2.18886**	**.083603**	**26.18**	**0.000**	**2.025001**	**2.352719**
_cons	**.1616705**	**.0419462**	**3.85**	**0.000**	**.0794575**	**.2438836**
whpsl~p <-						
crhrw3	**8.868405**	**1.780532**	**4.98**	**0.000**	**5.378625**	**12.35818**
cumdose1	**7.757649**	**1.886922**	**4.11**	**0.000**	**4.059351**	**11.45595**
_cons	**22.21524**	**1.672347**	**13.28**	**0.000**	**18.9375**	**25.49298**
goferw1 <-						
cumdose1	**13.36539**	**2.401784**	**5.56**	**0.000**	**8.657981**	**18.0728**
crhrw1	**5.207906**	**2.008635**	**2.59**	**0.010**	**1.271055**	**9.144757**
_cons	**24.47255**	**2.08139**	**11.76**	**0.000**	**20.3931**	**28.552**
cumdo~3 <-						
cumdose2	**1.231229**	**.0359158**	**34.28**	**0.000**	**1.160835**	**1.301622**
_cons	**.0991724**	**.0305362**	**3.25**	**0.001**	**.0393226**	**.1590222**
whpel <-						
whpsleep	**.5418411**	**.053608**	**10.11**	**0.000**	**.4367713**	**.6469108**
crhrw3	**4.486308**	**1.788977**	**2.51**	**0.012**	**.9799771**	**7.992638**
_cons	**16.95847**	**1.92508**	**8.81**	**0.000**	**13.18539**	**20.73156**
whppa <-						
whpsleep	**.2177445**	**.0397755**	**5.47**	**0.000**	**.139786**	**.295703**
whpel	**.2186883**	**.0347415**	**6.29**	**0.000**	**.1505961**	**.2867804**
aborw3	**-4.971303**	**1.627593**	**-3.05**	**0.002**	**-8.161327**	**-1.78128**
crhrw3	**2.707541**	**.9684807**	**2.80**	**0.005**	**.809354**	**4.605729**
_cons	**5.980459**	**1.127836**	**5.30**	**0.000**	**3.769941**	**8.190978**
goferw2 <-						
goferw1	**.2005401**	**.0311831**	**6.43**	**0.000**	**.1394224**	**.2616579**
_cons	**2.160713**	**.8104898**	**2.67**	**0.008**	**.5721822**	**3.749244**
aborw3 <-						
goferw1	**-.001451**	**.0005311**	**-2.73**	**0.006**	**-.0024918**	**-.0004101**
_cons	**.1676843**	**.0340698**	**4.92**	**0.000**	**.1009086**	**.2344599**
crhrw2 <-						
goferw1	**.0048431**	**.0008745**	**5.54**	**0.000**	**.003129**	**.0065571**
crhrw1	**.6039284**	**.038906**	**15.52**	**0.000**	**.5276741**	**.6801827**
_cons	**-.0514866**	**.0410014**	**-1.26**	**0.209**	**-.1318479**	**.0288746**

aborw1 <-						
crhrw1	.177193	.053689	3.30	0.001	.0719645	.2824215
_cons	.250798	.0411729	6.09	0.000	.1701006	.3314955
crhrw3 <-						
crhrw2	1.232084	.074625	16.51	0.000	1.085822	1.378347
crhrw1	-.232855	.051743	-4.50	0.000	-.3342694	-.1314406
_cons	-.0085252	.0205137	-0.42	0.678	-.0487312	.0316809
Variance						
e.cumdose2	.4618044	.2566491			.1553819	1.372511
e.whpsleep	864.9434	67.42681			742.39	1007.728
e.goferw1	1224.275	79.30098			1078.309	1389.999
e.cumdose3	.0893406	.0337051			.0426501	.1871447
e.whpel	850.5979	59.92645			740.8927	976.5473
e.whppa	274.2456	26.72383			226.5659	331.9593
e.goferw2	251.1142	40.29753			183.3474	343.9282
e.aborw3	.1729249	.0393756			.1106715	.2701962
e.crhrw2	.3767426	.0389928			.307571	.4614706
e.aborw1	.7859768	.3754837			.3081529	2.004717
e.crhrw3	.0941987	.0178679			.0649511	.1366165
Covariance						
e.cumdose2						
e.cumdose3	.0428724	.0752452	0.57	0.569	-.1046055	.1903504
e.goferw2						
e.crhrw2	1.323012	.4407371	3.00	0.003	.4591833	2.186841
e.aborw3						
e.crhrw3	.0152665	.0117852	1.30	0.195	-.0078321	.0383651
e.crhrw2						
e.crhrw3	-.0734911	.0308807	-2.38	0.017	-.1340161	-.0129661

```
8 .
9 . estat teffects, standardized
```

Direct effects

(Std. Err. adjusted for **361** clusters in id)

	Coef.	Robust Std. Err.	z	P>|z|	Std. Coef.
Structural					
cumdo~2 <-					
cumdose1	**2.18886**	**.083603**	**26.18**	**0.000**	**.8708033**
whpsl~p <-					
goferw1	**0**	(no path)			**0**
crhrw2	**0**	(no path)			**0**
crhrw3	**8.868405**	**1.780532**	**4.98**	**0.000**	**.2564524**
cumdose1	**7.757649**	**1.886922**	**4.11**	**0.000**	**.1383323**
crhrw1	**0**	(no path)			**0**
goferw1 <-					
cumdose1	**13.36539**	**2.401784**	**5.56**	**0.000**	**.2033558**
crhrw1	**5.207906**	**2.008635**	**2.59**	**0.010**	**.1361076**
cumdo~3 <-					
cumdose2	**1.231229**	**.0359158**	**34.28**	**0.000**	**.9679608**
cumdose1	**0**	(no path)			**0**
whpel <-					
whpsleep	**.5418411**	**.053608**	**10.11**	**0.000**	**.4861153**
goferw1	**0**	(no path)			**0**
crhrw2	**0**	(no path)			**0**
crhrw3	**4.486308**	**1.788977**	**2.51**	**0.012**	**.1163905**
cumdose1	**0**	(no path)			**0**
crhrw1	**0**	(no path)			**0**
whppa <-					
whpsleep	**.2177445**	**.0397755**	**5.47**	**0.000**	**.3144609**
goferw1	**0**	(no path)			**0**
whpel	**.2186883**	**.0347415**	**6.29**	**0.000**	**.3520283**
aborw3	**-4.971303**	**1.627593**	**-3.05**	**0.002**	**-.0975769**
crhrw2	**0**	(no path)			**0**
crhrw3	**2.707541**	**.9684807**	**2.80**	**0.005**	**.1130722**
cumdose1	**0**	(no path)			**0**
crhrw1	**0**	(no path)			**0**
goferw2 <-					
goferw1	**.2005401**	**.0311831**	**6.43**	**0.000**	**.415942**
cumdose1	**0**	(no path)			**0**
crhrw1	**0**	(no path)			**0**
aborw3 <-					

goferw1	-.001451	.0005311	-2.73	0.006	-.1251175
cumdose1	0	(no path)			0
crhrw1	0	(no path)			0
crhrw2 <-					
goferw1	.0048431	.0008745	5.54	0.000	.200507
cumdose1	0	(no path)			0
crhrw1	.6039284	.038906	15.52	0.000	.653453
aborw1 <-					
crhrw1	.177193	.053689	3.30	0.001	.1855123
crhrw3 <-					
goferw1	0	(no path)			0
crhrw2	1.232084	.074625	16.51	0.000	1.206113
cumdose1	0	(no path)			0
crhrw1	-.232855	.051743	-4.50	0.000	-.2466392

Indirect effects

(Std. Err. adjusted for **361** clusters in id)

	Coef.	Robust Std. Err.	z	P>|z|	Std. Coef.
Structural					
cumdo~2 <-					
cumdose1	0	(no path)			0
whpsl~p <-					
goferw1	.0529183	.0095556	5.54	0.000	.0620189
crhrw2	10.92662	.6618051	16.51	0.000	.3093107
crhrw3	0	(no path)			0
cumdose1	.7072734	.2396515	2.95	0.003	.0126119
crhrw1	4.809438	1.026547	4.69	0.000	.14731
goferw1 <-					
cumdose1	0	(no path)			0
crhrw1	0	(no path)			0
cumdo~3 <-					
cumdose2	0	(no path)			0
cumdose1	2.694987	.139281	19.35	0.000	.8429034
whpel <-					
whpsleep	0	(no path)			0
goferw1	.0554433	.0100116	5.54	0.000	.0582956
crhrw2	11.448	.6933841	16.51	0.000	.2907408

crhrw3	4.805266	.9647656	4.98	0.000	.1246654
cumdose1	4.944435	1.175138	4.21	0.000	.0791002
crhrw1	5.038928	1.098033	4.59	0.000	.1384661
whppa <-					
whpsleep	.1184943	.0117234	10.11	0.000	.1711263
goferw1	.0470167	.0076981	6.11	0.000	.0795775
whpe1	0	(no path)			0
aborw3	0	(no path)			0
crhrw2	8.218675	.4977898	16.51	0.000	.335993
crhrw3	3.963004	.726143	5.46	0.000	.1655028
cumdose1	3.236819	.7887683	4.10	0.000	.083355
crhrw1	3.65508	.7489054	4.88	0.000	.1616792
goferw2 <-					
goferw1	0	(no path)			0
cumdose1	2.680297	.5932247	4.52	0.000	.0845842
crhrw1	1.044394	.453602	2.30	0.021	.0566129
aborw3 <-					
goferw1	0	(no path)			0
cumdose1	-.0193927	.0081493	-2.38	0.017	-.0254434
crhrw1	-.0075565	.0038614	-1.96	0.050	-.0170294
crhrw2 <-					
goferw1	0	(no path)			0
cumdose1	.0647294	.016553	3.91	0.000	.0407743
crhrw1	.0252222	.0102025	2.47	0.013	.0272905
aborw1 <-					
crhrw1	0	(no path)			0
crhrw3 <-					
goferw1	.0059671	.0010775	5.54	0.000	.2418341
crhrw2	0	(no path)			0
cumdose1	.079752	.0198533	4.02	0.000	.0491784
crhrw1	.7751665	.0674199	11.50	0.000	.8210538

Total effects

(Std. Err. adjusted for **361** clusters in id)

	Coef.	Robust Std. Err.	z	P>|z|	Std. Coef.
Structural					
cumdo~2 <-					
cumdose1	**2.18886**	**.083603**	**26.18**	**0.000**	**.8708033**
whpsl~p <-					
goferw1	**.0529183**	**.0095556**	**5.54**	**0.000**	**.0620189**
crhrw2	**10.92662**	**.6618051**	**16.51**	**0.000**	**.3093107**
crhrw3	**8.868405**	**1.780532**	**4.98**	**0.000**	**.2564524**
cumdose1	**8.464923**	**1.926615**	**4.39**	**0.000**	**.1509443**
crhrw1	**4.809438**	**1.026547**	**4.69**	**0.000**	**.14731**
goferw1 <-					
cumdose1	**13.36539**	**2.401784**	**5.56**	**0.000**	**.2033558**
crhrw1	**5.207906**	**2.008635**	**2.59**	**0.010**	**.1361076**
cumdo~3 <-					
cumdose2	**1.231229**	**.0359158**	**34.28**	**0.000**	**.9679608**
cumdose1	**2.694987**	**.139281**	**19.35**	**0.000**	**.8429034**
whpel <-					
whpsleep	**.5418411**	**.053608**	**10.11**	**0.000**	**.4861153**
goferw1	**.0554433**	**.0100116**	**5.54**	**0.000**	**.0582956**
crhrw2	**11.448**	**.6933841**	**16.51**	**0.000**	**.2907408**
crhrw3	**9.291574**	**2.060983**	**4.51**	**0.000**	**.241056**
cumdose1	**4.944435**	**1.175138**	**4.21**	**0.000**	**.0791002**
crhrw1	**5.038928**	**1.098033**	**4.59**	**0.000**	**.1384661**
whppa <-					
whpsleep	**.3362388**	**.0421143**	**7.98**	**0.000**	**.4855873**
goferw1	**.0470167**	**.0076981**	**6.11**	**0.000**	**.0795775**
whpel	**.2186883**	**.0347415**	**6.29**	**0.000**	**.3520283**
aborw3	**-4.971303**	**1.627593**	**-3.05**	**0.002**	**-.0975769**
crhrw2	**8.218675**	**.4977898**	**16.51**	**0.000**	**.335993**
crhrw3	**6.670546**	**1.268046**	**5.26**	**0.000**	**.278575**
cumdose1	**3.236819**	**.7887683**	**4.10**	**0.000**	**.083355**
crhrw1	**3.65508**	**.7489054**	**4.88**	**0.000**	**.1616792**
goferw2 <-					
goferw1	**.2005401**	**.0311831**	**6.43**	**0.000**	**.415942**
cumdose1	**2.680297**	**.5932247**	**4.52**	**0.000**	**.0845842**
crhrw1	**1.044394**	**.453602**	**2.30**	**0.021**	**.0566129**
aborw3 <-					

goferw1	-.001451	.0005311	-2.73	0.006	-.1251175
cumdose1	-.0193927	.0081493	-2.38	0.017	-.0254434
crhrw1	-.0075565	.0038614	-1.96	0.050	-.0170294
crhrw2 <-					
goferw1	.0048431	.0008745	5.54	0.000	.200507
cumdose1	.0647294	.016553	3.91	0.000	.0407743
crhrw1	.6291506	.0392548	16.03	0.000	.6807435
aborw1 <-					
crhrw1	.177193	.053689	3.30	0.001	.1855123
crhrw3 <-					
goferw1	.0059671	.0010775	5.54	0.000	.2418341
crhrw2	1.232084	.074625	16.51	0.000	1.206113
cumdose1	.079752	.0198533	4.02	0.000	.0491784
crhrw1	.5423116	.0439978	12.33	0.000	.5744146

10 . estat framework
(model contains no latent variables)

Endogenous variables on endogenous variables

	observed				
Beta	cumdose2	whpsleep	goferw1	cumdose3	whpel
observed					
cumdose2	0	0	0	0	0
whpsleep	0	0	0	0	0
goferw1	0	0	0	0	0
cumdose3	1.231229	0	0	0	0
whpel	0	.5418411	0	0	0
whppa	0	.2177445	0	0	.2186883
goferw2	0	0	.2005401	0	0
aborw3	0	0	-.001451	0	0
crhrw2	0	0	.0048431	0	0
aborw1	0	0	0	0	0
crhrw3	0	0	0	0	0

Beta	observed whppa	goferw2	aborw3	crhrw2	aborw1
observed					
cumdose2	**0**	**0**	**0**	**0**	**0**
whpsleep	**0**	**0**	**0**	**0**	**0**
goferw1	**0**	**0**	**0**	**0**	**0**
cumdose3	**0**	**0**	**0**	**0**	**0**
whpel	**0**	**0**	**0**	**0**	**0**
whppa	**0**	**0**	**-4.971303**	**0**	**0**
goferw2	**0**	**0**	**0**	**0**	**0**
aborw3	**0**	**0**	**0**	**0**	**0**
crhrw2	**0**	**0**	**0**	**0**	**0**
aborw1	**0**	**0**	**0**	**0**	**0**
crhrw3	**0**	**0**	**0**	**1.232084**	**0**

Beta	observed crhrw3
observed	
cumdose2	**0**
whpsleep	**8.868405**
goferw1	**0**
cumdose3	**0**
whpel	**4.486308**
whppa	**2.707541**
goferw2	**0**
aborw3	**0**
crhrw2	**0**
aborw1	**0**
crhrw3	**0**

Exogenous variables on endogenous variables

Gamma	observed cumdose1	aborw2	crhrw1
observed			
cumdose2	**2.18886**	**0**	**0**
whpsleep	**7.757649**	**0**	**0**
goferw1	**13.36539**	**0**	**5.207906**
cumdose3	**0**	**0**	**0**
whpel	**0**	**0**	**0**
whppa	**0**	**0**	**0**
goferw2	**0**	**0**	**0**
aborw3	**0**	**0**	**0**
crhrw2	**0**	**0**	**.6039284**

aborw1	0	0	.177193
crhrw3	0	0	-.232855

Covariances of error variables

Psi	observed e.cumdo~2	e.whpsl~p	e.goferw1	e.cumdo~3	e.whpel
observed					
e.cumdose2	.4618044				
e.whpsleep	0	864.9434			
e.goferw1	0	0	1224.275		
e.cumdose3	.0428724	0	0	.0893406	
e.whpel	0	0	0	0	850.5979
e.whppa	0	0	0	0	0
e.goferw2	0	0	0	0	0
e.aborw3	0	0	0	0	0
e.crhrw2	0	0	0	0	0
e.aborw1	0	0	0	0	0
e.crhrw3	0	0	0	0	0

Psi	observed e.whppa	e.goferw2	e.aborw3	e.crhrw2	e.aborw1
observed					
e.whppa	274.2456				
e.goferw2	0	251.1142			
e.aborw3	0	0	.1729249		
e.crhrw2	0	1.323012	0	.3767426	
e.aborw1	0	0	0	0	.7859768
e.crhrw3	0	0	.0152665	-.0734911	0

Psi	observed e.crhrw3
observed	
e.crhrw3	.0941987

Intercepts of endogenous variables

	observed				
alpha	cumdose2	whpsleep	goferw1	cumdose3	whpel
_cons	.1616705	22.21524	24.47255	.0991724	16.95847

	observed				
alpha	whppa	goferw2	aborw3	crhrw2	aborw1
_cons	5.980459	2.160713	.1676843	-.0514866	.250798

	observed
alpha	crhrw3
_cons	-.0085252

Covariances of exogenous variables

	observed		
Phi	cumdose1	aborw2	crhrw1
observed			
cumdose1	.3024006		
aborw2	-.0041059	.5283262	
crhrw1	.0271339	.0055486	.8922183

Means of exogenous variables

	observed		
kappa	cumdose1	aborw2	crhrw1
mean	.3363183	.3213296	.1322862