

```

1 . sem (medcow1 -> anxagw1) (medcow1 -> shhlw3) (medcow1 -> illw3) (medcow1 ->
> medcow2) (cumdose1 -> fdferw1) (cumdose1 -> bsianx) (cumdose1 -> illw3) (fdf
> erw1 -> cumdose1) (fdferw1 -> crhrw2) (fdferw1 -> medcow3) (fdferw1 -> shhlw
> 2) (fdferw1 -> shhlw1) (age -> fdferw1) (age -> shhlw1) (age -> illw1) (age
> -> illw3) (age -> crhrw1) (crhrw2 -> shhlw2) (crhrw2 -> illw3) (crhrw2 -> me
> dcow2) (crhrw2 -> crhrw3) (medcow3 -> illw3) (shhlw2 -> anxagw2) (shhlw2 ->
> shhlw3) (shhlw2 -> illw3) (anxagw2 -> crhrw2) (anxagw2 -> medcow3) (anxagw2
> -> bsianx) (anxagw2 -> shhlw3) (anxagw2 -> illw3) (anxagw1 -> fdferw1) (anxa
> gw1 -> bsianx) (anxagw1 -> shhlw2) (anxagw1 -> anxagw2) (anxagw1 -> crhrw3)
> (shhlw1 -> shhlw2) (shhlw1 -> illw1) (shhlw1 -> illw3) (shhlw1 -> crhrw1) (s
> hhlw3 -> bsianx) (shhlw3 -> illw3) (shhlw3 -> crhrw3) (illw1 -> medcow1) (il
> lw1 -> cumdose1) (illw1 -> fdferw1) (illw1 -> crhrw2) (illw1 -> medcow3) (il
> lw1 -> bsianx) (illw1 -> shhlw2) (illw1 -> anxagw1) (illw1 -> illw2) (illw1
> -> illw3) (illw1 -> medcow2) (illw2 -> crhrw2) (illw2 -> bsianx) (illw2 -> s
> hhlw2) (illw2 -> anxagw2) (illw2 -> illw3) (illw2 -> medcow2) (illw3 -> crhr
> w3) (medcow2 -> medcow3) (medcow2 -> illw2) (crhrw1 -> medcow1) (crhrw1 -> c
> rhrw2) (crhrw1 -> shhlw2) (crhrw1 -> illw3) (crhrw1 -> crhrw3) (crhrw3 -> il
> lw3) (injselfr -> fdferw1) (injselfr -> crhrw2) (injselfr -> shhlw2) (injsel
> fr -> anxagw1) (injselfr -> shhlw3) (injselfr -> illw1) (injselfr -> illw2)
> (injselfr -> crhrw1), standardized cov( e.crhrw2*e.crhrw3 e.medcow3*e.medcow
> 2 e.bsianx*e.medcow3 e.shhlw2*e.shhlw3 e.illw1*e.illw2) nocapslatent

```

Endogenous variables

Observed: **medcow1 anxagw1 shhlw3 illw3 medcow2 cumdose1 fdferw1 bsianx
crhrw2 medcow3 shhlw2 shhlw1 illw1 crhrw1 crhrw3 anxagw2 illw2**

Exogenous variables

Observed: **age injselfr**

Fitting target model:

```

Iteration 0: log likelihood = -18870.541
Iteration 1: log likelihood = -18850.766
Iteration 2: log likelihood = -18801.291
Iteration 3: log likelihood = -18772.054
Iteration 4: log likelihood = -18767.724
Iteration 5: log likelihood = -18766.966
Iteration 6: log likelihood = -18766.807
Iteration 7: log likelihood = -18766.794
Iteration 8: log likelihood = -18766.794

```

Structural equation model	Number of obs	=	360
Estimation method	=	ml	
Log likelihood	=	-18766.794	

> -						
Standardized	Coef.	OIM Std. Err.	z	P> z	[95% Conf. Interval	
>]						
> -						
Structural						
medcow1 <-						
illw1	.2716786	.0471774	5.76	0.000	.1792126	.364144
> 6						
crhrw1	.2737505	.0470931	5.81	0.000	.1814498	.366051
> 2						
_cons	.9825811	.0632962	15.52	0.000	.8585228	1.10663
> 9						
> -						
anxagw1 <-						
medcow1	.1315861	.0523606	2.51	0.012	.0289613	.234210
> 9						
illw1	.143648	.0528259	2.72	0.007	.0401112	.247184
> 9						
injselr	.234396	.0506984	4.62	0.000	.1350291	.33376
> 3						
_cons	.3158994	.0792668	3.99	0.000	.1605392	.471259
> 5						
> -						
shhlw3 <-						
medcow1	-.1570558	.0470419	-3.34	0.001	-.2492563	-.064855
> 3						
shhlw2	.576103	.0710153	8.11	0.000	.4369156	.715290
> 5						
anxagw2	.1281071	.0484945	2.64	0.008	.0330597	.223154
> 6						
injselr	.2970223	.0482826	6.15	0.000	.2023902	.391654
> 3						
_cons	.334642	.1267695	2.64	0.008	.0861784	.583105
> 7						
> -						
illw3 <-						
medcow1	-.3600252	.0386658	-9.31	0.000	-.4358087	-.284241
> 8						
shhlw3	.2496162	.0315875	7.90	0.000	.1877059	.311526
> 6						
cumdose1	.0904774	.0280757	3.22	0.001	.03545	.145504
> 9						
crhrw2	-1.03825	.1307718	-7.94	0.000	-1.294558	-.781941

```

> 8      medcow3 |      .196997      .0319418      6.17      0.000      .1343923      .259601
> 8      shhlw2 |      .0968393      .0349467      2.77      0.006      .028345      .165333
> 7      shhlw1 |     -.2747333      .033531      -8.19      0.000     -.3404529     -.209013
> 7      illw1 |      .2362866      .0408522      5.78      0.000      .1562178      .316355
> 3      crhrw1 |      .7235546      .0399971      18.09      0.000      .6451617      .801947
> 5      crhrw3 |      .5958691      .1280409      4.65      0.000      .3449136      .846824
> 5      anxagw2 |      .0753997      .0300498      2.51      0.012      .0165032      .134296
> 1      illw2 |      .2536525      .0356945      7.11      0.000      .1836926      .323612
> 4      age |      .0785939      .0296282      2.65      0.008      .0205237      .136664
> 2      _cons |     -.0039611      .1323586      -0.03      0.976     -.2633793      .25545
> 7
+-----+
> -
medcow2 <-
medcow1 |      .7566559      .0636574      11.89      0.000      .6318897      .881422
> 1      crhrw2 |     -.2029027      .0640051      -3.17      0.002     -.3283503     -.077455
> 1      illw1 |     -.4147542      .0817496      -5.07      0.000     -.5749804     -.254527
> 9      illw2 |      .8344443      .1171391      7.12      0.000      .6048546      1.06403
> 1      _cons |     -.3782924      .0909473      -4.16      0.000     -.5565458     -.20003
> 9
+-----+
> -
cumdose1 <-
fdferw1 |      .6446869      .1481162      4.35      0.000      .3543844      .934989
> 4      illw1 |      .1711717      .059814      2.86      0.004      .0539383      .28840
> 5      _cons |     -.0481638      .1652236      -0.29      0.771     -.3719961      .275668
> 5
+-----+
> -
fdferw1 <-
anxagw1 |      .3540199      .0683643      5.18      0.000      .2200283      .488011
> 6      cumdose1 |     -.5654492      .1708253      -3.31      0.001     -.9002607     -.230637

```

```

> 7      illw1 |  -.2326164   .0634512   -3.67   0.000   -.3569785   -.108254
> 3      age  |   .1648503   .0650967    2.53   0.011   .0372632   .292437
> 4      injsel |   .2480344   .064058    3.87   0.000   .122483   .373585
> 8      _cons |   .264652   .2639817    1.00   0.316   -.2527427   .782046
> 6
-----
> -
bsianx <-
  anxagw1 |   .1296637   .0504464    2.57   0.010   .0307905   .228536
> 9      shhlw3 |   .1664869   .0442191    3.77   0.000   .079819   .253154
> 8      cumdose1 |   .1197071   .043327    2.76   0.006   .0347878   .204626
> 4      illw1 |   .1772652   .0494699    3.58   0.000   .080306   .274224
> 4      anxagw2 |   .1211844   .0492251    2.46   0.014   .0247049   .217663
> 9      illw2 |   .2726469   .047611    5.73   0.000   .1793311   .365962
> 7      _cons |    1.9542   .1151494   16.97   0.000   1.728512   2.17988
> 9
-----
> -
crhrw2 <-
  fdferw1 |   .0593206   .0276255    2.15   0.032   .0051756   .113465
> 6      illw1 |  -.1026199   .0308444   -3.33   0.001   -.1630738   -.04216
> 6      crhrw1 |   .4938834   .0318303   15.52   0.000   .4314971   .556269
> 8      anxagw2 |   .1040487   .0284472    3.66   0.000   .0482933   .159804
> 1      illw2 |   .0804366   .0334262    2.41   0.016   .0149223   .145950
> 8      injsel |   .4102276   .0337212   12.17   0.000   .3441353   .4763
> 2      _cons |  -.2743557   .0429381   -6.39   0.000   -.3585129   -.190198
> 6
-----
> -
medcow3 <-
  medcow2 |   .7562234   .046784   16.16   0.000   .6645285   .847918
> 3      fdferw1 |  -.1307034   .0395193   -3.31   0.001   -.2081598   -.05324

```

```

> 7      illw1 |  -.1230236   .0474881   -2.59   0.010   -.2160986   -.029948
> 6      anxagw2 |   .1541136   .0408327    3.77   0.000    .0740828   .234144
> 3      _cons |   .4270221   .0659855    6.47   0.000    .2976929   .556351
> 3
-----
> -
shhlw2 <-
  anxagw1 |   .1183836   .0448284    2.64   0.008    .0305215   .206245
> 7      fdferw1 |   .107319   .0440105    2.44   0.015    .02106    .193577
> 9      crhrw2 |   .253283   .0687803    3.68   0.000    .118476    .3880
> 9      shhlw1 |   .4866378   .0387679   12.55   0.000    .410654   .562621
> 5      illw1 |   .0999345   .0471378    2.12   0.034    .007546    .19232
> 3      crhrw1 |  -.1948533   .0554137   -3.52   0.000   -.3034622  -.086244
> 5      illw2 |   .1332703   .0462704    2.88   0.004    .0425818   .223958
> 7      injselfr |  -.2851072   .0567773   -5.02   0.000   -.3963886  -.173825
> 7      _cons |   .7508673   .0860051    8.73   0.000    .5823005   .919434
> 2
-----
> -
shhlw1 <-
  fdferw1 |   .270556   .0499711    5.41   0.000    .1726144   .368497
> 6      age |   .1145461   .0504045    2.27   0.023    .0157551   .213337
> 2      _cons |   .281083   .2242178    1.25   0.210   -.1583759   .720541
> 9
-----
> -
illw1 <-
  shhlw1 |   .0955846   .0411112    2.33   0.020    .0150082    .17616
> 1      age |   .1716241   .0484615    3.54   0.000    .0766413   .266606
> 9      injselfr |   .2503704   .0493841    5.07   0.000    .1535793   .347161
> 5      _cons |  -.8749828   .2098224   -4.17   0.000   -1.286227  -.463738
> 4
-----

```

```

> -
    crhrw1 <- |
        shhlw1 | .1242533 .047041 2.64 0.008 .0320546 .21645
> 2
        age | .1256642 .0481935 2.61 0.009 .0312066 .220121
> 7
    injselfr | .3872768 .0437096 8.86 0.000 .3016075 .472946
> 1
        _cons | -.7891943 .2001631 -3.94 0.000 -1.181507 -.396881
> 9
    -----
> -
    crhrw3 <- |
        anxagw1 | -.0579839 .0154368 -3.76 0.000 -.0882395 -.027728
> 3
        shhlw3 | -.0351485 .0159662 -2.20 0.028 -.0664416 -.003855
> 4
        illw3 | .1137064 .0244085 4.66 0.000 .0658665 .161546
> 2
        crhrw2 | 1.260313 .040549 31.08 0.000 1.180839 1.33978
> 8
        crhrw1 | -.3106332 .0349119 -8.90 0.000 -.3790591 -.242207
> 2
        _cons | .01639 .0240557 0.68 0.496 -.0307583 .063538
> 2
    -----
> -
    anxagw2 <- |
        anxagw1 | .4558037 .0419814 10.86 0.000 .3735216 .538085
> 8
        shhlw2 | -.1287122 .0471769 -2.73 0.006 -.2211773 -.036247
> 2
        illw2 | .2325717 .0463065 5.02 0.000 .1418127 .323330
> 7
        _cons | .3351682 .0782223 4.28 0.000 .1818553 .48848
> 1
    -----
> -
    illw2 <- |
        medcow2 | -.6651186 .1121927 -5.93 0.000 -.8850123 -.445224
> 8
        illw1 | 1.29982 .3785213 3.43 0.001 .5579322 2.04170
> 8
    injselfr | .0881506 .1415711 0.62 0.534 -.1893236 .365624
> 9
        _cons | .3794991 .1085922 3.49 0.000 .1666624 .592335
> 8
    -----
> -

```

Variance							
> 7	e.medcow1	.826107	.0354143		.7595323	.89851	
> 3	e.anxagw1	.8594871	.0327986		.7975481	.926236	
> 3	e.shhlw3	.8237702	.0550277		.7226798	.939001	
> 8	e.illw3	.2607528	.023195		.2190338	.31041	
> 9	e.medcow2	.9590291	.1161983		.756307	1.21608	
> 3	e.cumdose1	1.225578	.1508186		.9629257	1.55987	
> 5	e.fdfwrw1	1.211849	.2077339		.8660369	1.69574	
> 8	e.bsianx	.6446309	.0393854		.5718798	.726636	
> 6	e.crhrw2	.3372058	.0269129		.2883762	.394303	
> 9	e.medcow3	.588933	.0410177		.5137854	.675071	
> 8	e.shhlw2	.6251651	.0390797		.5530765	.706649	
> 5	e.shhlw1	.9136049	.0282017		.8599695	.970585	
> 4	e.illw1	.8746659	.0318348		.8144442	.939340	
> 9	e.crhrw1	.7782011	.0363165		.7101802	.852736	
> 4	e.crhrw3	.0937927	.0133546		.0709531	.123984	
> 7	e.anxagw2	.7298752	.0395669		.6563033	.811694	
> 3	e.illw2	2.078602	.7065663		1.067647	4.0468	
> -							
Covariance							
> 8	e.shhlw3						
	e.shhlw2	-.3411604	.0778267	-4.38	0.000	-.4936979	-.188622
> -							
> 1	e.medcow2						
	e.medcow3	-.2571915	.0661764	-3.89	0.000	-.386895	-.127488
> -							
	e.bsianx						

```

      e.medcow3 |      .174507   .0499471    3.49   0.000   .0766125   .272401
> 5
-----
> -
      e.crhrw2 |
      e.crhrw3 |     -.5463066   .0680377    -8.03   0.000   -.679658   -.412955
> 1
-----
> -
      e.illw1  |
      e.illw2 |     -.6498701   .1462871    -4.44   0.000   -.9365875   -.363152
> 6
-----
> -
LR test of model vs. saturated: chi2(89)  =    102.80, Prob > chi2 = 0.1505
2 .
3 . estat gof

```

Fit statistic	Value	Description
Likelihood ratio		
chi2_ms(89)	102.798	model vs. saturated
p > chi2	0.150	
chi2_bs(170)	3325.988	baseline vs. saturated
p > chi2	0.000	

```
4 . estat ic
```

Model	Obs	ll(null)	ll(model)	df	AIC	BIC
.	360	.	-18766.79	115	37763.59	38210.49

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

5 . estat stable

Stability analysis of simultaneous equation systems

Eigenvalue stability condition

Eigenvalue	Modulus
-.00991189 + .7491659 <i>i</i>	.749231
-.00991189 - .7491659 <i>i</i>	.749231
.01129592 + .6014719 <i>i</i>	.601578
.01129592 - .6014719 <i>i</i>	.601578
.2602962	.260296
-.2602962	.260296
-.1616853	.161685
.09075453 + .1231248 <i>i</i>	.152958
.09075453 - .1231248 <i>i</i>	.152958
-.06781135 + .1178272 <i>i</i>	.135947
-.06781135 - .1178272 <i>i</i>	.135947
.1130309	.113031
-.00001548 + .00001548 <i>i</i>	.000022
-.00001548 - .00001548 <i>i</i>	.000022
.00001548 + .00001548 <i>i</i>	.000022
.00001548 - .00001548 <i>i</i>	.000022
2.589e-17	2.6e-17

stability index = .7492314

All the eigenvalues lie inside the unit circle.

SEM satisfies stability condition.

6 . estat residuals, standardized

Residuals of observed variables

Mean residuals

	medcow1	anxagw1	shhlw3	illw3	medcow2
raw	-0.000	0.000	0.000	0.000	-0.000
standardized	.	.	0.000	0.000	.

	cumdose1	fdferw1	bsianx	crhrw2	medcow3
raw	-0.000	0.000	-0.000	0.000	-0.000
standardized	.	0.000	.	.	.

	shhlw2	shhlw1	illw1	crhrw1	crhrw3
raw	0.000	0.000	0.000	-0.000	0.000
standardized	.	0.000	.	-0.000	.

	anxagw2	illw2	age	injselfr
raw	0.000	-0.000	0.000	0.000
standardized	.	.	.	.

Covariance residuals

	medcow1	anxagw1	shhlw3	illw3	medcow2
medcow1	0.027				
anxagw1	1.781	6.784			
shhlw3	0.746	35.562	16.027		
illw3	-0.001	-2.146	-1.262	-0.055	
medcow2	0.129	9.842	2.117	-0.543	0.412
cumdose1	-0.123	0.302	0.735	-0.014	-0.040
fdferw1	2.910	12.151	17.757	5.083	12.248
bsianx	-0.156	3.344	1.521	-0.012	-0.573
crhrw2	0.047	-0.614	-0.732	-0.064	0.186
medcow3	0.204	14.585	6.466	-0.141	-0.211
shhlw2	-5.095	67.832	37.124	2.633	2.888
shhlw1	-0.260	100.613	38.970	0.629	-1.245
illw1	0.027	0.102	-1.643	0.040	0.051
crhrw1	0.019	-2.017	-1.776	-0.053	0.140
crhrw3	0.059	-0.402	-0.555	-0.062	0.016
anxagw2	0.095	2.159	14.779	-1.516	-0.037
illw2	0.087	1.663	0.227	-0.085	0.154
age	0.579	34.774	17.196	-0.237	-2.125
injselfr	0.198	0.380	-0.194	-0.058	0.459

	cumdose1	fdferw1	bsianx	crhrw2	medcow3
cumdose1	0.001				
fdferw1	0.082	8.095			
bsianx	0.016	6.268	0.058		
crhrw2	0.001	1.048	-0.150	-0.009	
medcow3	-0.241	11.000	-0.440	-0.222	-0.430
shhlw2	1.924	20.907	7.979	1.231	-2.656
shhlw1	1.413	1.777	2.756	1.677	-4.349
illw1	0.001	0.095	-0.034	-0.005	0.014
crhrw1	-0.026	0.750	-0.089	-0.008	-0.252
crhrw3	-0.007	1.523	-0.080	-0.012	-0.147

anxagw2	-0.562	65.362	-0.228	-1.395	-0.540
illw2	0.058	5.795	0.013	-0.013	-0.267
age	0.332	-0.588	-0.390	0.304	-1.721
injselfr	-0.018	0.808	0.034	-0.003	0.437

	shhlw2	shhlw1	illw1	crhrw1	crhrw3
shhlw2	32.838				
shhlw1	17.802	0.385			
illw1	0.035	-0.299	0.003		
crhrw1	0.485	0.458	0.034	0.003	
crhrw3	1.619	1.720	0.008	-0.010	-0.015
anxagw2	25.785	57.836	-0.313	-2.153	-0.912
illw2	2.674	1.987	-0.002	-0.027	-0.033
age	-1.815	-0.143	0.142	-0.000	0.112
injselfr	0.583	1.255	0.005	0.004	-0.008

	anxagw2	illw2	age	injselfr
anxagw2	-0.884			
illw2	0.133	-0.048		
age	17.642	0.150	0.000	
injselfr	-0.408	-0.064	0.000	0.000

Standardized covariance residuals

	medcow1	anxagw1	shhlw3	illw3	medcow2
medcow1	0.434				
anxagw1	1.764	0.533			
shhlw3	0.421	0.834	0.898		
illw3	-0.017	-1.003	-0.808	-0.887	
medcow2	0.427	0.907	0.210	-1.389	0.550
cumdose1	-1.830	0.609	0.833	-0.421	-0.204
fdferw1	0.647	0.544	0.373	1.960	0.941
bsianx	-0.418	1.488	0.624	-0.056	-0.496
crhrw2	0.585	-0.526	-0.712	-1.737	1.024
medcow3	0.662	1.876	0.828	-0.550	-0.368
shhlw2	-1.158	1.779	2.014	1.666	0.221
shhlw1	-0.063	1.751	1.371	0.388	-0.118
illw1	0.554	0.244	-0.927	0.797	0.693
crhrw1	0.548	-1.358	-1.487	-1.386	0.578
crhrw3	0.672	-0.375	-0.571	-1.718	0.080
anxagw2	0.037	0.246	1.293	-1.521	-0.005
illw2	1.021	0.683	0.111	-1.390	1.373
age	0.410	1.681	0.921	-0.339	-0.605

injselfr	1.747	0.467	-0.224	-1.011	1.945
----------	-------	-------	--------	--------	-------

	cumdose1	fdferw1	bsianx	crhrw2	medcow3
cumdose1	0.443				
fdferw1	0.642	0.647			
bsianx	0.400	1.043	0.318		
crhrw2	0.037	1.049	-1.064	-0.354	
medcow3	-1.667	1.738	-0.761	-1.281	-1.275
shhlw2	1.854	0.882	1.369	1.517	-0.276
shhlw1	1.525	0.218	0.499	1.323	-0.527
illw1	0.238	0.271	-0.535	-0.135	0.250
crhrw1	-1.036	0.471	-0.538	-0.401	-1.187
crhrw3	-0.350	1.923	-0.576	-0.424	-0.824
anxagw2	-0.979	1.740	-0.207	-1.842	-0.150
illw2	1.364	2.086	0.136	-0.310	-1.176
age	1.325	-0.046	-0.192	0.622	-0.628
injselfr	-0.926	1.038	0.210	-0.060	2.151

	shhlw2	shhlw1	illw1	crhrw1	crhrw3
shhlw2	1.313				
shhlw1	1.001	0.101			
illw1	0.033	-0.206	0.168		
crhrw1	0.726	0.754	0.566	0.210	
crhrw3	1.774	1.269	0.267	-0.456	-0.492
anxagw2	2.068	1.701	-0.242	-2.061	-1.369
illw2	1.896	1.078	-0.072	-0.418	-0.834
age	-0.096	-0.026	0.346	-0.002	0.213
injselfr	0.616	0.763	0.141	0.137	-0.163

	anxagw2	illw2	age	injselfr
anxagw2	-0.233			
illw2	0.199	-1.314		
age	1.329	0.210	0.000	
injselfr	-0.418	-1.103	0.000	0.000

```

7 . estat framework
(model contains no latent variables)

```

Endogenous variables on endogenous variables

	Beta	observed				
		medcow1	anxagw1	shhlw3	illw3	medcow2
observed						
medcow1		0	0	0	0	0
anxagw1		1.834177	0	0	0	0
shhlw3		-2.047847	0	0	0	0
illw3		-.2290504	0	.0121794	0	0
medcow2		2.111048	0	0	0	0
cumdose1		0	0	0	0	0
fdferw1		0	.379411	0	0	0
bsianx		0	.0134118	.0184092	0	0
crhrw2		0	0	0	0	0
medcow3		0	0	0	0	.5548437
shhlw2		0	.1298473	0	0	0
shhlw1		0	0	0	0	0
illw1		0	0	0	0	0
crhrw1		0	0	0	0	0
crhrw3		0	-.0014775	-.0009574	.0634785	0
anxagw2		0	.2914944	0	0	0
illw2		0	0	0	0	-.1559092

	Beta	observed				
		cumdose1	fdferw1	bsianx	crhrw2	medcow3
observed						
medcow1		0	0	0	0	0
anxagw1		0	0	0	0	0
shhlw3		0	0	0	0	0
illw3		.2648965	0	0	-1.909738	.0612262
medcow2		0	0	0	-1.636671	0
cumdose1		0	.0093777	0	0	0
fdferw1		-38.87271	0	0	0	0
bsianx		.7942476	0	0	0	0
crhrw2		0	.0013735	0	0	0
medcow3		0	-.0179099	0	0	0
shhlw2		0	.1098337	0	11.19573	0
shhlw1		0	.2435123	0	0	0
illw1		0	0	0	0	0
crhrw1		0	0	0	0	0
crhrw3		0	0	0	1.294173	0
anxagw2		0	0	0	0	0
illw2		0	0	0	0	0

Beta	observed				
	shhlw2	shhlw1	illw1	crhrw1	crhrw3
observed					
medcow1	0	0	.4908742	.7365401	0
anxagw1	0	0	3.617808	0	0
shhlw3	.4913275	0	0	0	0
illw3	.0040297	-.0129997	.2716139	1.238543	1.067355
medcow2	0	0	-2.090765	0	0
cumdose1	0	0	.0672061	0	0
fdferw1	0	0	-6.278682	0	0
bsianx	0	0	.4617813	0	0
crhrw2	0	0	-.0641317	.4596128	0
medcow3	0	0	-.4550126	0	0
shhlw2	0	.5533516	2.760595	-8.015336	0
shhlw1	0	0	0	0	0
illw1	0	.0039346	0	0	0
crhrw1	0	.0034347	0	0	0
crhrw3	0	0	0	-.2968447	0
anxagw2	-.0750466	0	0	0	0
illw2	0	0	1.535926	0	0

Beta	observed	
	anxagw2	illw2
observed		
medcow1	0	0
anxagw1	0	0
shhlw3	.1873843	0
illw3	.0053813	.2467544
medcow2	0	3.559788
cumdose1	0	0
fdferw1	0	0
bsianx	.0196002	.6010718
crhrw2	.0040372	.042541
medcow3	.0353898	0
shhlw2	0	3.11554
shhlw1	0	0
illw1	0	0
crhrw1	0	0
crhrw3	0	0
anxagw2	0	3.170065
illw2	0	0

Exogenous variables on endogenous variables

Gamma	observed	
	age	injselfr
observed		
medcow1	0	0
anxagw1	0	8.27844
shhlw3	0	9.812947
illw3	.010742	0
medcow2	0	0
cumdose1	0	0
fdferw1	.5290566	9.388417
bsianx	0	0
crhrw2	0	.359516
medcow3	0	0
shhlw2	0	-11.04454
shhlw1	.3308692	0
illw1	.0204062	.3511036
crhrw1	.0100339	.3647095
crhrw3	0	0
anxagw2	0	0
illw2	0	.1460713

Covariances of error variables

Psi	observed				
	e.medcow1	e.anxagw1	e.shhlw3	e.illw3	e.medcow2
observed					
e.medcow1	5.288864				
e.anxagw1	0	1069.123			
e.shhlw3	0	0	896.6416		
e.illw3	0	0	0	.6756962	
e.medcow2	0	0	0	0	47.79225
e.cumdose1	0	0	0	0	0
e.fdferw1	0	0	0	0	0
e.bsianx	0	0	0	0	0
e.crhrw2	0	0	0	0	0
e.medcow3	0	0	0	0	-7.067271
e.shhlw2	0	0	-312.4647	0	0
e.shhlw1	0	0	0	0	0
e.illw1	0	0	0	0	0
e.crhrw1	0	0	0	0	0
e.crhrw3	0	0	0	0	0
e.anxagw2	0	0	0	0	0
e.illw2	0	0	0	0	0

	observed				
Psi	e.cumdo~1	e.fdfew1	e.bsianx	e.crhrw2	e.medcow3
observed					
e.cumdose1	.3705028				
e.fdfew1	0	1731.416			
e.bsianx	0	0	8.578939		
e.crhrw2	0	0	0	.2582697	
e.medcow3	0	0	2.031636	0	15.79911
e.shhlw2	0	0	0	0	0
e.shhlw1	0	0	0	0	0
e.illw1	0	0	0	0	0
e.crhrw1	0	0	0	0	0
e.crhrw3	0	0	0	-.0764119	0
e.anxagw2	0	0	0	0	0
e.illw2	0	0	0	0	0

	observed				
Psi	e.shhlw2	e.shhlw1	e.illw1	e.crhrw1	e.crhrw3
observed					
e.shhlw2	935.5473				
e.shhlw1	0	1057.399			
e.illw1	0	0	1.715295		
e.crhrw1	0	0	0	.6882322	
e.crhrw3	0	0	0	0	.0757487
e.anxagw2	0	0	0	0	0
e.illw2	0	0	-2.030565	0	0

	observed	
Psi	e.anxagw2	e.illw2
observed		
e.anxagw2	371.3144	
e.illw2	0	5.6917

Intercepts of endogenous variables

	observed				
alpha	medcow1	anxagw1	shhlw3	illw3	medcow2
_cons	2.486174	11.14148	11.04045	-.0063765	-2.670487

alpha	observed				
	cumdose1	fdferw1	bsianx	crhrw2	medcow3
_cons	-.0264817	10.00349	7.129028	-.2401061	2.211738

alpha	observed				
	shhlw2	shhlw1	illw1	crhrw1	crhrw3
_cons	29.04683	9.562574	-1.225315	-.7421736	.0147293

alpha	observed	
	anxagw2	illw2
_cons	7.559783	.6279805

Covariances of exogenous variables

Phi	observed	
	age	injselfr
observed		
age	138.7166	
injselfr	3.214047	.9972222

Means of exogenous variables

kappa	observed	
	age	injselfr
mean	50.215	.686

8 . estat teffects, standardized

Direct effects

> -						
			OIM			
		Coef.	Std. Err.	z	P> z	Std. Coef
> .						
> -						
Structural						
medcow1 <-						
medcow1		0	(no path)			
> 0						
anxagw1		0	(no path)			
> 0						
cumdose1		0	(no path)			
> 0						
fdferw1		0	(no path)			
> 0						
shhlw1		0	(no path)			
> 0						
illw1		.4908742	.0880515	5.57	0.000	.271678
> 6						
crhrw1		.7365401	.1310037	5.62	0.000	.273750
> 5						
age		0	(no path)			
> 0						
injselfr		0	(no path)			
> 0						
> -						
anxagw1 <-						
medcow1		1.834177	.7331582	2.50	0.012	.131586
> 1						
anxagw1		0	(no path)			
> 0						
cumdose1		0	(no path)			
> 0						
fdferw1		0	(no path)			
> 0						
shhlw1		0	(no path)			
> 0						
illw1		3.617808	1.341398	2.70	0.007	.14364
> 8						
crhrw1		0	(no path)			
> 0						
age		0	(no path)			
> 0						
injselfr		8.27844	1.852169	4.47	0.000	.23439
> 6						

```

> -
  shhlw3 <-
    medcow1 | -2.047847   .6184321   -3.31   0.001           -.157055
> 8
    anxagw1 |           0   (no path)
> 0
    medcow2 |           0   (no path)
> 0
    cumdose1 |           0   (no path)
> 0
    fdferw1 |           0   (no path)
> 0
    crhrw2 |           0   (no path)
> 0
    shhlw2 | .4913275   .0667672    7.36   0.000           .57610
> 3
    shhlw1 |           0   (no path)
> 0
    illw1 |           0   (no path)
> 0
    crhrw1 |           0   (no path)
> 0
    anxagw2 | .1873843   .0710748    2.64   0.008           .128107
> 1
    illw2 |           0   (no path)
> 0
    age |           0   (no path)
> 0
    injselfr | 9.812947   1.673449    5.86   0.000           .297022
> 3

```

```

> -
  illw3 <-
    medcow1 | -.2290504   .0227772  -10.06   0.000           -.360025
> 2
    anxagw1 |           0   (no path)
> 0
    shhlw3 | .0121794   .0015175    8.03   0.000           .249616
> 2
    illw3 |           0   (no path)
> 0
    medcow2 |           0   (no path)
> 0
    cumdose1 | .2648965   .0818478    3.24   0.001           .090477
> 4
    fdferw1 |           0   (no path)
> 0
    crhrw2 | -1.909738   .2399427   -7.96   0.000           -1.0382

```

```

> 5      medcow3 |      .0612262      .0097718      6.27      0.000      .19699
> 7      shhlw2 |      .0040297      .0013788      2.92      0.003      .096839
> 3      shhlw1 |     -.0129997      .0016013     -8.12      0.000     -.274733
> 3      illw1  |      .2716139      .038922      6.98      0.000      .236286
> 6      crhrw1 |      1.238543      .0707748     17.50      0.000      .723554
> 6      crhrw3 |      1.067355      .2213105      4.82      0.000      .595869
> 1      anxagw2 |      .0053813      .0021329      2.52      0.012      .075399
> 7      illw2  |      .2467544      .0346453      7.12      0.000      .253652
> 5      age   |      .010742      .0040517      2.65      0.008      .078593
> 9      injselfr |              0 (no path)
> 0

```

```

> -
medcow2 <-
> 9      medcow1 |      2.111048      .1860429     11.35      0.000      .756655
> 0      anxagw1 |              0 (no path)
> 0      medcow2 |              0 (no path)
> 0      cumdose1 |              0 (no path)
> 0      fdferw1 |              0 (no path)
> 0      crhrw2 |     -1.636671      .5140266     -3.18      0.001     -.202902
> 7      shhlw2 |              0 (no path)
> 0      shhlw1 |              0 (no path)
> 0      illw1  |     -2.090765      .3779515     -5.53      0.000     -.414754
> 2      crhrw1 |              0 (no path)
> 0      anxagw2 |              0 (no path)
> 0      illw2  |      3.559788      .4927023      7.23      0.000      .83444
> 3      age   |              0 (no path)

```

```

> 0      injselfr |              0  (no path)
> 0
-----
> -
  cumdose1 <- |
    medcow1 |              0  (no path)
> 0
    anxagw1 |              0  (no path)
> 0
    cumdose1 |              0  (no path)
> 0
    fdferw1 |   .0093777   .0022568   4.16   0.000               .644686
> 9
    shhlw1 |              0  (no path)
> 0
    illw1 |   .0672061   .023592   2.85   0.004               .171171
> 7
    crhrw1 |              0  (no path)
> 0
    age |              0  (no path)
> 0
    injselfr |              0  (no path)
> 0
-----
> -
  fdferw1 <- |
    medcow1 |              0  (no path)
> 0
    anxagw1 |   .379411   .0744307   5.10   0.000               .354019
> 9
    cumdose1 |  -38.87271   11.67088   -3.33   0.001             -.565449
> 2
    fdferw1 |              0  (no path)
> 0
    shhlw1 |              0  (no path)
> 0
    illw1 |  -6.278682   1.738605   -3.61   0.000             -.232616
> 4
    crhrw1 |              0  (no path)
> 0
    age |   .5290566   .2100438   2.52   0.012               .164850
> 3
    injselfr |   9.388417   2.467194   3.81   0.000               .248034
> 4
-----
> -
  bsianx <- |
    medcow1 |              0  (no path)

```

```

> 0      anxagw1 |      .0134118      .0051588      2.60      0.009      .129663
> 7      shhlw3 |      .0184092      .0049197      3.74      0.000      .166486
> 9      medcow2 |              0      (no path)
> 0      cumdose1 |      .7942476      .2887301      2.75      0.006      .119707
> 1      fdferw1 |              0      (no path)
> 0      crhrw2 |              0      (no path)
> 0      shhlw2 |              0      (no path)
> 0      shhlw1 |              0      (no path)
> 0      illw1 |      .4617813      .1222225      3.78      0.000      .177265
> 2      crhrw1 |              0      (no path)
> 0      anxagw2 |      .0196002      .0080008      2.45      0.014      .121184
> 4      illw2 |      .6010718      .1073445      5.60      0.000      .272646
> 9      age |              0      (no path)
> 0      injselfr |              0      (no path)
> 0
-----
> -
>      crhrw2 <-
>      medcow1 |              0      (no path)
> 0      anxagw1 |              0      (no path)
> 0      medcow2 |              0      (no path)
> 0      cumdose1 |              0      (no path)
> 0      fdferw1 |      .0013735      .0006377      2.15      0.031      .059320
> 6      crhrw2 |              0      (no path)
> 0      shhlw2 |              0      (no path)
> 0      shhlw1 |              0      (no path)
> 0      illw1 |      -.0641317      .0193066      -3.32      0.001      -.102619

```

```

> 9      crhrw1 |      .4596128      .0316304      14.53      0.000              .493883
> 4      anxagw2 |      .0040372      .0011059       3.65      0.000              .104048
> 7      illw2  |      .042541      .017706       2.40      0.016              .080436
> 6      age    |           0 (no path)
> 0      injselfr |      .359516      .0311972      11.52      0.000              .410227
> 6
-----
> -
medcow3 <-
medcow1 |           0 (no path)
> 0      anxagw1 |           0 (no path)
> 0      medcow2 |      .5548437      .0405818      13.67      0.000              .756223
> 4      cumdose1 |           0 (no path)
> 0      fdferw1 |     -.0179099      .0054672      -3.28      0.001             -.130703
> 4      crhrw2 |           0 (no path)
> 0      shhlw2 |           0 (no path)
> 0      shhlw1 |           0 (no path)
> 0      illw1  |     -.4550126      .1541402      -2.95      0.003             -.123023
> 6      crhrw1 |           0 (no path)
> 0      anxagw2 |      .0353898      .0094354       3.75      0.000              .154113
> 6      illw2  |           0 (no path)
> 0      age    |           0 (no path)
> 0      injselfr |           0 (no path)
> 0
-----
> -
shhlw2 <-
medcow1 |           0 (no path)
> 0      anxagw1 |      .1298473      .0485051       2.68      0.007              .118383
> 6

```

```

    medcow2 |          0 (no path)
> 0
  cumdose1 |          0 (no path)
> 0
  fdferw1 |   .1098337   .0449134    2.45   0.014          .10731
> 9
   crhrw2 |   11.19573   3.049402    3.67   0.000          .25328
> 3
   shhlw2 |          0 (no path)
> 0
   shhlw1 |   .5533516   .0489445   11.31   0.000          .486637
> 8
   illw1 |   2.760595   1.299612    2.12   0.034          .099934
> 5
   crhrw1 |  -8.015336   2.290367   -3.50   0.000         - .194853
> 3
  anxagw2 |          0 (no path)
> 0
   illw2 |   3.11554   1.083005    2.88   0.004          .133270
> 3
    age |          0 (no path)
> 0
  injselfr | -11.04454   2.254072   -4.90   0.000         - .285107
> 2
-----
> -
  shhlw1 <-
    medcow1 |          0 (no path)
> 0
    anxagw1 |          0 (no path)
> 0
    cumdose1 |          0 (no path)
> 0
    fdferw1 |   .2435123   .0464889    5.24   0.000          .27055
> 6
    shhlw1 |          0 (no path)
> 0
    illw1 |          0 (no path)
> 0
    crhrw1 |          0 (no path)
> 0
    age |   .3308692   .1469737    2.25   0.024          .114546
> 1
  injselfr |          0 (no path)
> 0
-----
> -
  illw1 <-
    medcow1 |          0 (no path)

```

```

> 0      anxagw1 |           0 (no path)
> 0      cumdose1 |           0 (no path)
> 0      fdferw1 |           0 (no path)
> 0      shhlw1 |   .0039346   .001701   2.31   0.021           .095584
> 6      illw1 |           0 (no path)
> 0      crhrw1 |           0 (no path)
> 0      age |   .0204062   .0058867   3.47   0.001           .171624
> 1      injselfr |   .3511036   .0722293   4.86   0.000           .250370
> 4

```

```

> -
      crhrw1 <-
      medcow1 |           0 (no path)
> 0      anxagw1 |           0 (no path)
> 0      cumdose1 |           0 (no path)
> 0      fdferw1 |           0 (no path)
> 0      shhlw1 |   .0034347   .0013058   2.63   0.009           .124253
> 3      illw1 |           0 (no path)
> 0      crhrw1 |           0 (no path)
> 0      age |   .0100339   .0038887   2.58   0.010           .125664
> 2      injselfr |   .3647095   .0457054   7.98   0.000           .387276
> 8

```

```

> -
      crhrw3 <-
      medcow1 |           0 (no path)
> 0      anxagw1 |  -.0014775   .0003922  -3.77   0.000           -.057983
> 9      shhlw3 |  -.0009574   .0004349  -2.20   0.028           -.035148
> 5      illw3 |   .0634785   .0128061   4.96   0.000           .113706
> 4

```

```

    medcow2 |          0 (no path)
> 0
  cumdose1 |          0 (no path)
> 0
   fdferw1 |          0 (no path)
> 0
    crhrw2 |    1.294173    .0425507    30.41    0.000          1.26031
> 3
   medcow3 |          0 (no path)
> 0
   shhlw2 |          0 (no path)
> 0
   shhlw1 |          0 (no path)
> 0
    illw1 |          0 (no path)
> 0
    crhrw1 |   -.2968447    .0305796    -9.71    0.000          -.310633
> 2
    crhrw3 |          0 (no path)
> 0
   anxagw2 |          0 (no path)
> 0
    illw2 |          0 (no path)
> 0
    age |          0 (no path)
> 0
   injselfr |          0 (no path)
> 0
-----
> -
  anxagw2 <-
    medcow1 |          0 (no path)
> 0
    anxagw1 |    .2914944    .029749    9.80    0.000          .455803
> 7
    medcow2 |          0 (no path)
> 0
  cumdose1 |          0 (no path)
> 0
   fdferw1 |          0 (no path)
> 0
    crhrw2 |          0 (no path)
> 0
   shhlw2 |   -.0750466    .0277812    -2.70    0.007          -.128712
> 2
   shhlw1 |          0 (no path)
> 0
    illw1 |          0 (no path)
> 0

```

```

> 0      crhrw1 |           0 (no path)
> 0      anxagw2 |           0 (no path)
> 0      illw2  |    3.170065   .6433485   4.93   0.000           .232571
> 7      age   |           0 (no path)
> 0      injselfr |          0 (no path)
> 0
-----
> -
  illw2 <-
    medcow1 |           0 (no path)
> 0      anxagw1 |           0 (no path)
> 0      medcow2 |   -.1559092   .0284074   -5.49   0.000           -.665118
> 6      cumdose1 |           0 (no path)
> 0      fdferw1 |           0 (no path)
> 0      crhrw2 |           0 (no path)
> 0      shhlw2 |           0 (no path)
> 0      shhlw1 |           0 (no path)
> 0      illw1  |    1.535926   .4562414   3.37   0.001           1.2998
> 2      crhrw1 |           0 (no path)
> 0      anxagw2 |           0 (no path)
> 0      illw2  |           0 (no path)
> 0      age   |           0 (no path)
> 0      injselfr |    .1460713   .2348823   0.62   0.534           .088150
> 6
-----
> -

```

Indirect effects

		Coef.	OIM Std. Err.	z	P> z	Std. Coef
> -						
> .						
> -						
Structural						
medcow1 <-						
	medcow1	.0005514	.0002204	2.50	0.012	.000551
> 4						
	anxagw1	.0003006	.000059	5.10	0.000	.004190
> 6						
	cumdose1	-.0308022	.0092478	-3.33	0.001	-.006693
> 4						
	fdferw1	.0007924	.0002189	3.62	0.000	.011837
> 2						
	shhlw1	.0044402	.0012669	3.50	0.000	.059700
> 6						
	illw1	-.0056869	.0016233	-3.50	0.000	-.003147
> 5						
	crhrw1	0	(no path)			
> 0						
	age	.0191836	.0046724	4.11	0.000	.089295
> 9						
	injselfr	.4490504	.0716475	6.27	0.000	.177226
> 2						
> -						
anxagw1 <-						
	medcow1	.0027709	.0011076	2.50	0.012	.000198
> 8						
	anxagw1	.0015107	.0002964	5.10	0.000	.001510
> 7						
	cumdose1	-.1547789	.0464698	-3.33	0.001	-.002412
> 9						
	fdferw1	.0039817	.0011	3.62	0.000	.004267
> 3						
	shhlw1	.0223116	.0078363	2.85	0.004	.021521
> 7						
	illw1	.8717737	.1619694	5.38	0.000	.034614
> 5						
	crhrw1	1.352985	.240647	5.62	0.000	.036076
> 2						
	age	.1146798	.0401642	2.86	0.004	.038296
> 3						
	injselfr	2.119643	.6127989	3.46	0.001	.060015
> 6						

> -						
shhlw3 <-						
medcow1	-.2171867	.123867	-1.75	0.080		-.016656
> 7						
anxagw1	.1576095	.0248293	6.35	0.000		.168488
> 5						
medcow2	-.2398194	.0436962	-5.49	0.000		-.051314
> 6						
cumdose1	-3.53616	1.061673	-3.33	0.001		-.058931
> 9						
fdferw1	.0909677	.0261917	3.47	0.001		.104221
> 4						
crhrw2	5.716444	1.455112	3.93	0.000		.151638
> 3						
shhlw2	-.0157945	.0058469	-2.70	0.007		-.018519
> 7						
shhlw1	.2630171	.0239402	10.99	0.000		.271217
> 6						
illw1	2.459662	1.021126	2.41	0.016		.10440
> 4						
crhrw1	-2.852494	1.142396	-2.50	0.013		-.081309
> 2						
anxagw2	.0230784	.0063219	3.65	0.000		.015777
> 8						
illw2	1.538199	.5593246	2.75	0.006		.07715
> 1						
age	.1567221	.0543755	2.88	0.004		.055948
> 5						
injselr	-.9901369	1.0258	-0.97	0.334		-.029969
> 9						
> -						
illw3 <-						
medcow1	-.0515334	.0078718	-6.55	0.000		-.08100
> 1						
anxagw1	.0022721	.0006942	3.27	0.001		.049781
> 5						
shhlw3	-.000211	.0005095	-0.41	0.679		-.004324
> 4						
illw3	.0726784	.014662	4.96	0.000		.072678
> 4						
medcow2	-.0068896	.0089655	-0.77	0.442		-.030213
> 2						
cumdose1	-.0049167	.009383	-0.52	0.600		-.001679
> 4						
fdferw1	.0006217	.0008859	0.70	0.483		.014599
> 2						
crhrw2	1.46128	.0589749	24.78	0.000		.794440

```

> 7      medcow3 |      .0044498      .0007102      6.27      0.000      .014317
> 4      shhlw2 |      .0055332      .0008428      6.57      0.000      .132970
> 2      shhlw1 |      .0085875      .0013595      6.32      0.000      .181487
> 4      illw1 |      .3703365      .1307859      2.83      0.005      .322168
> 8      crhrw1 |     -.7392797      .060855     -12.15      0.000     -.43188
> 6      crhrw3 |      .0775736      .0160845      4.82      0.000      .043306
> 8      anxagw2 |      .0031475      .001174      2.68      0.007      .044101
> 9      illw2 |      .031161      .0144062      2.16      0.031      .032032
> 2      age |      .0177591      .0039207      4.53      0.000      .129934
> 5      injselfr |      .3233185      .0671524      4.81      0.000      .200569
> 7
+-----+
> -
medcow2 <-
medcow1 |     -.7425845      .0653297     -11.37      0.000     -.26616
> 2      anxagw1 |     -.0007119      .0001604      -4.44      0.000     -.003556
> 8      medcow2 |     -.3511424      .0639798      -5.49      0.000     -.351142
> 4      cumdose1 |     -.0504048      .0151332      -3.33      0.001     -.003925
> 9      fdferw1 |      .0012967      .0009172      1.41      0.157      .006942
> 9      crhrw2 |      .5782946      .1804975      3.20      0.001      .071692
> 8      shhlw2 |      .0003207      .0001187      2.70      0.007      .001757
> 2      shhlw1 |      .0130908      .0048589      2.69      0.007      .063087
> 5      illw1 |      4.919807      1.052207      4.68      0.000      .975963
> 5      crhrw1 |      .5189151      .1823749      2.85      0.004      .069128
> 2      anxagw2 |     -.0042729      .0011705      -3.65      0.000     -.013652
> 2      illw2 |     -1.307563      .1703051      -7.68      0.000     -.306503
> 4      age |      .0679541      .0187076      3.63      0.000      .11337

```

```

> 5      injselfr |      1.133761      .2938476      3.86      0.000      .160381
> 6
-----
> -
      cumdose1 <-
      medcow1 |      .0047928      .0019158      2.50      0.012      .022055
> 9      anxagw1 |      .002613      .0005126      5.10      0.000      .16761
> 6      cumdose1 |     -.2677204      .0803786      -3.33      0.001      -.267720
> 4      fdferw1 |     -.0024906      .0006043      -4.12      0.000      -.171221
> 9      shhlw1 |      .0000821      .0000306      2.68      0.007      .005078
> 3      illw1 |     -.0494282      .0141089      -3.50      0.000      -.12589
> 2      crhrw1 |      .0035301      .0006279      5.62      0.000      .006037
> 8      age |      .004069      .0015663      2.60      0.009      .087162
> 4      injselfr |      .0938203      .0210592      4.46      0.000      .170399
> 1
-----
> -
      fdferw1 <-
      medcow1 |      .5075961      .2028966      2.50      0.012      .033978
> 6      anxagw1 |     -.1026677      .0201408      -5.10      0.000      -.095796
> 9      cumdose1 |      10.51886      3.158113      3.33      0.001      .153009
> 2      fdferw1 |     -.2705976      .0639804      -4.23      0.000      -.270597
> 6      shhlw1 |     -.0193128      .0089185      -2.17      0.030      -.017382
> 4      illw1 |      1.043814      .8932482      1.17      0.243      .038671
> 9      crhrw1 |      .3738649      .066497      5.62      0.000      .009301
> 6      age |     -.2526239      .1017659      -2.48      0.013      -.078715
> 9      injselfr |     -1.951109      1.686182      -1.16      0.247      -.051546
> 7
-----
> -
      bsianx <-
      medcow1 |     -.1429521      .0249121      -5.74      0.000      -.099149

```

```

> 9   anxagw1 |   .0108672   .0009831   11.05   0.000               .105062
> 9   shhlw3 |               0   (no path)
> 0   medcow2 |  -.0709528   .0129279   -5.49   0.000               -.137300
> 1   cumdose1 | -.0304695   .0914796   -3.33   0.001               -.045922
> 9   fdferw1 |   .0078383   .001225    6.40   0.000               .081214
> 9   crhrw2 |   .1973551   .0426253    4.63   0.000               .047345
> 2   shhlw2 |   .0072553   .0014048    5.16   0.000               .076936
> 4   shhlw1 |   .00895     .0022717    3.94   0.000               .083464
> 8   illw1  |   .856055    .2159691    3.96   0.000               .32861
> 6   crhrw1 |  -.072737    .0257839   -2.82   0.005               -.018750
> 6   anxagw2 |   .0042464   .0013265    3.20   0.001               .026254
> 4   illw2  | -.1459815    .0401396   -3.64   0.000               -.066217
> 4   age    |   .0332704   .0072051    4.62   0.000               .10741
> 4   injselfr | .9486943     .1147674    8.27   0.000               .259693
> 5
-----
> -
>   crhrw2 <-
>   medcow1 | -.0086221    .0015609   -5.52   0.000               -.024927
> 9   anxagw1 |   .0016112   .0001524   10.57   0.000               .064932
> 6   medcow2 | -.0054842    .0009992   -5.49   0.000               -.044236
> 9   cumdose1 | -.0478901    .0143782   -3.33   0.001               -.030087
> 2   fdferw1 | -.0001415    .0001271   -1.11   0.266               -.006111
> 2   crhrw2 |   .0055649   .0029697    1.87   0.061               .005564
> 9   shhlw2 | -.0003047    .0001128   -2.70   0.007               -.013466
> 9   shhlw1 |   .0013692   .0005988    2.29   0.022               .053226
> 7   illw1  |   .0549381   .0168481    3.26   0.001               .087908

```

```

> 9      crhrw1 |  -.0013508   .0013397   -1.01   0.313               -.001451
> 6      anxagw2 |   .0000225   6.15e-06     3.65   0.000               .00057
> 9      illw2   |  -.0073656   .0038487   -1.91   0.056             -.013926
> 8      age     |   .0055154   .0019435     2.84   0.005               .074224
> 8      injselfr |   .199313    .0270144     7.38   0.000               .227427
> 2
-----
> -
medcow3 <-
medcow1 |   .7461268   .0651307    11.46   0.000               .364495
> 6      anxagw1 |   .0043432   .0013849     3.14   0.002               .029574
> 6      medcow2 |  -.2051783   .0373844    -5.49   0.000             -.279647
> 4      cumdose1 |   .5066835   .1521233     3.33   0.001               .053787
> 2      fdferw1 |   .0048755   .0012295     3.97   0.000               .035580
> 5      crhrw2 |  -.5999865   .1798828    -3.34   0.001             -.101378
> 8      shhlw2 |  -.0024741   .0009159    -2.70   0.007             -.018478
> 6      shhlw1 |   .005009    .0023555     2.13   0.033               .032901
> 2      illw1   |   1.819735   .6088945     2.99   0.003               .492009
> 1      crhrw1 |   .2936216   .0997266     2.94   0.003               .053312
> 1      anxagw2 |  -.0024223   .0006635    -3.65   0.000             -.010548
> 3      illw2   |   1.316012   .1752709     7.51   0.000               .420447
> 5      age     |   .0255564   .0115089     2.22   0.026               .058113
> 9      injselfr |   .5036799   .1810533     2.78   0.005               .097110
> 7
-----
> -
shhlw2 <-
medcow1 |  -.3983115   .1733413    -2.30   0.022             -.026052
> 6      anxagw1 |   .0864127   .0143958     6.00   0.000               .078783
> 7

```

> 5	medcow2	-.3765762	.0686139	-5.49	0.000	-.068719
> 8	cumdose1	-7.481518	2.246201	-3.33	0.001	-.106335
> 4	fdferw1	.0826283	.032254	2.56	0.010	.080736
> 4	crhrw2	.5763995	.193894	2.97	0.003	.0130
> 7	shhlw2	-.0035667	.0013203	-2.70	0.007	-.003566
> 3	shhlw1	.0092935	.0098768	0.94	0.347	.00817
> 1	illw1	2.607985	1.268852	2.06	0.040	.0944
> 6	crhrw1	5.145837	.3761231	13.68	0.000	.125095
> 6	anxagw2	.0475263	.013019	3.65	0.000	.027710
> 1	illw2	-.700184	.3072915	-2.28	0.023	-.02995
> 8	age	.3687454	.1029752	3.58	0.000	.112267
> 6	injselfr	9.060077	1.703713	5.32	0.000	.233879
> -						
> 1	shhlw1 <- medcow1	.1236059	.0494078	2.50	0.012	.009193
> 8	anxagw1	.0673904	.0132203	5.10	0.000	.069863
> 1	cumdose1	-6.904512	2.072964	-3.33	0.001	-.111588
> 8	fdferw1	-.0658938	.01558	-4.23	0.000	-.073211
> 9	shhlw1	-.0047029	.0021718	-2.17	0.030	-.004702
> 9	illw1	-1.274755	.3638674	-3.50	0.000	-.052472
> 6	crhrw1	.0910407	.0161928	5.62	0.000	.002516
> 2	age	.0673148	.03777	1.78	0.075	.023304
> 9	injselfr	1.811076	.5843292	3.10	0.002	.053160
> -						
> 9	illw1 <- medcow1	.0004863	.0001944	2.50	0.012	.000878

```

> 7      anxagw1 |      .0002652      .000052      5.10      0.000      .006677
> 9      cumdose1 |     -.0271662      .0081562     -3.33      0.001     -.010666
> 1      fdferw1 |      .0006989      .0001931      3.62      0.000      .018863
> 1      shhlw1 |     -.0000185      8.54e-06     -2.17      0.030     -.000449
> 5      illw1 |     -.0050156      .0014317     -3.50      0.000     -.005015
> 6      crhrw1 |      .0003582      .0000637      5.62      0.000      .000240
> 5      age |      .0015667      .0008873      1.77      0.077      .013176
> 4      injselfr |      .0071258      .0040413      1.76      0.078      .005081
> 4

```

```

> -
      crhrw1 <-
      medcow1 |      .0004245      .0001697      2.50      0.012      .001142
> 3      anxagw1 |      .0002315      .0000454      5.10      0.000      .008680
> 8      cumdose1 |     -.023715      .00712      -3.33      0.001     -.013865
> 2      fdferw1 |      .0006101      .0001685      3.62      0.000      .024520
> 7      shhlw1 |     -.0000162      7.46e-06     -2.17      0.030     -.000584
> 4      illw1 |     -.0043784      .0012498     -3.50      0.000     -.006519
> 9      crhrw1 |      .0003127      .0000556      5.62      0.000      .000312
> 7      age |      .0013676      .0007307      1.87      0.061      .017128
> 4      injselfr |      .0062205      .0030933      2.01      0.044      .006605
> 4

```

```

> -
      crhrw3 <-
      medcow1 |     -.0296409      .0021087     -14.06      0.000     -.083454
> 9      anxagw1 |      .0020076      .0001971     10.19      0.000      .078789
> 7      shhlw3 |      .0007597      .0001079      7.04      0.000      .027891
> 2      illw3 |      .0046135      .0009307      4.96      0.000      .00826
> 4

```

> 1	medcow2	-.0073052	.0018039	-4.05	0.000	-.057384
> 1	cumdose1	-.0348211	.01682	-2.07	0.038	-.021304
> 3	fdferw1	.0013598	.0008125	1.67	0.094	.05719
> 1	crhrw2	-.0267386	.0171612	-1.56	0.119	-.026039
> 8	medcow3	.004169	.0006654	6.27	0.000	.024027
> 9	shhlw2	-.0002425	.0001819	-1.33	0.182	-.010439
> 1	shhlw1	.0001924	.0004442	0.43	0.665	.007283
> 8	illw1	.0211636	.0381448	0.55	0.579	.032978
> 9	crhrw1	.625402	.0397399	15.74	0.000	.654451
> 4	crhrw3	.0726784	.0150695	4.82	0.000	.072678
> 5	anxagw2	.0055938	.0014091	3.97	0.000	.140394
> 6	illw2	.061692	.0238151	2.59	0.010	.113595
> 3	age	.0052431	.0016034	3.27	0.001	.068714
> 3	injselfr	.6098267	.0336101	18.14	0.000	.677640
> -						
> 5	anxagw2 <- medcow1	-.1086328	.2104922	-0.52	0.606	-.012186
> 3	anxagw1	-.0141463	.0037184	-3.80	0.000	-.022120
> 3	medcow2	-.292432	.0532825	-5.49	0.000	-.091525
> 8	cumdose1	.4089855	.122791	3.33	0.001	.009969
> 6	fdferw1	-.0105211	.0036637	-2.87	0.004	-.017631
> 5	crhrw2	-.360364	.273736	-1.32	0.188	-.013982
> 3	shhlw2	.0001092	.0000404	2.70	0.007	.000187
> 9	shhlw1	-.0231237	.0082743	-2.79	0.005	-.034877
> 2	illw1	4.352128	.9558003	4.55	0.000	.270211

```

> 8      crhrw1 |   .3550082   .172545    2.06    0.040           .014801
> 8      anxagw2 |  -.0014549   .0003985   -3.65    0.000          -.001454
> 9      illw2   |  -1.294409   .164678   -7.86    0.000          -.094964
> 3      age     |   .0791554   .0276468    2.86    0.004           .041333
> 1      injselfr |   4.826828   .7152754    6.75    0.000           .213703
> 3
-----
> -
      illw2 <-
      medcow1   |  -.2126091   .0188245  -11.29    0.000          -.325094
> 4      anxagw1 |   .0005182   .0000679    7.64    0.000           .011045
> 8      medcow2 |   .0547463   .009975    5.49    0.000           .233551
> 4      cumdose1 |  -.0338667   .0101679   -3.33    0.001          -.011252
> 9      fdferw1 |   .0008712   .000227    3.84    0.000           .019900
> 8      crhrw2   |   .1650105   .0520009    3.17    0.002           .087270
> 1      shhlw2   |   -.00005    .0000185   -2.70    0.007          -.001168
> 8      shhlw1   |   .0039738   .0018524    2.15    0.032           .081697
> 9      illw1    |  -.4487772   .1632181   -2.75    0.006          -.379790
> 1      crhrw1   |  -.0803534   .0283377   -2.84    0.005          -.045665
> 8      anxagw2   |   .0006662   .0001825    3.65    0.000           .009080
> 3      illw2    |  -.3511424   .0505075   -6.95    0.000          -.351142
> 4      age      |   .0231541   .0057358    4.04    0.000           .164799
> 6      injselfr |   .3734503   .2210202    1.69    0.091           .225368
> 6
-----
> -

```

Total effects

		Coef.	OIM Std. Err.	z	P> z	Std. Coef
> -						
> .						
> -						
Structural						
medcow1 <-						
	medcow1	.0005514	.0002204	2.50	0.012	.000551
> 4						
	anxagw1	.0003006	.000059	5.10	0.000	.004190
> 6						
	cumdose1	-.0308022	.0092478	-3.33	0.001	-.006693
> 4						
	fdferw1	.0007924	.0002189	3.62	0.000	.011837
> 2						
	shhlw1	.0044402	.0012669	3.50	0.000	.059700
> 6						
	illw1	.4851873	.0881186	5.51	0.000	.268531
> 2						
	crhrw1	.7369462	.131076	5.62	0.000	.273901
> 5						
	age	.0191836	.0046724	4.11	0.000	.089295
> 9						
	injselfr	.4490504	.0716475	6.27	0.000	.177226
> 2						
> -						
anxagw1 <-						
	medcow1	1.836947	.7342658	2.50	0.012	.131784
> 9						
	anxagw1	.0015107	.0002964	5.10	0.000	.001510
> 7						
	cumdose1	-.1547789	.0464698	-3.33	0.001	-.002412
> 9						
	fdferw1	.0039817	.0011	3.62	0.000	.004267
> 3						
	shhlw1	.0223116	.0078363	2.85	0.004	.021521
> 7						
	illw1	4.489582	1.353539	3.32	0.001	.178262
> 5						
	crhrw1	1.352985	.240647	5.62	0.000	.036076
> 2						
	age	.1146798	.0401642	2.86	0.004	.038296
> 3						
	injselfr	10.39808	1.772382	5.87	0.000	.294411
> 7						

> -						
shhlw3 <-						
medcow1	-2.265033	.6307005	-3.59	0.000		-.173712
> 6						
anxagw1	.1576095	.0248293	6.35	0.000		.168488
> 5						
medcow2	-.2398194	.0436962	-5.49	0.000		-.051314
> 6						
cumdose1	-3.53616	1.061673	-3.33	0.001		-.058931
> 9						
fdferw1	.0909677	.0261917	3.47	0.001		.104221
> 4						
crhrw2	5.716444	1.455112	3.93	0.000		.151638
> 3						
shhlw2	.475533	.0671082	7.09	0.000		.557583
> 3						
shhlw1	.2630171	.0239402	10.99	0.000		.271217
> 6						
illw1	2.459662	1.021126	2.41	0.016		.10440
> 4						
crhrw1	-2.852494	1.142396	-2.50	0.013		-.081309
> 2						
anxagw2	.2104626	.0713559	2.95	0.003		.143884
> 9						
illw2	1.538199	.5593246	2.75	0.006		.07715
> 1						
age	.1567221	.0543755	2.88	0.004		.055948
> 5						
injselr	8.82281	1.589179	5.55	0.000		.267052
> 4						
> -						
illw3 <-						
medcow1	-.2805838	.0256234	-10.95	0.000		-.441026
> 2						
anxagw1	.0022721	.0006942	3.27	0.001		.049781
> 5						
shhlw3	.0119684	.0017003	7.04	0.000		.245291
> 8						
illw3	.0726784	.014662	4.96	0.000		.072678
> 4						
medcow2	-.0068896	.0089655	-0.77	0.442		-.030213
> 2						
cumdose1	.2599797	.0880957	2.95	0.003		.088798
> 1						
fdferw1	.0006217	.0008859	0.70	0.483		.014599
> 2						
crhrw2	-.4484582	.2612979	-1.72	0.086		-.243809

```

> 1      medcow3 |      .0656761      .010482      6.27      0.000      .211314
> 5      shhlw2 |      .009563      .0016993      5.63      0.000      .229809
> 5      shhlw1 |     -.0044122      .0021875      -2.02      0.044     -.093245
> 9      illw1  |      .6419503      .137317      4.67      0.000      .558455
> 4      crhrw1 |      .4992629      .0978581      5.10      0.000      .291668
> 6      crhrw3 |      1.144929      .237395      4.82      0.000      .639175
> 9      anxagw2 |      .0085288      .0025687      3.32      0.001      .119501
> 6      illw2  |      .2779154      .039956      6.96      0.000      .285684
> 6      age    |      .0285011      .0055578      5.13      0.000      .208528
> 4      injselfr |      .3233185      .0671524      4.81      0.000      .200569
> 7

```

```

> -
medcow2 <-
medcow1 |      1.368464      .1207165      11.34      0.000      .490493
> 9      anxagw1 |     -.0007119      .0001604      -4.44      0.000     -.003556
> 8      medcow2 |     -.3511424      .0639798      -5.49      0.000     -.351142
> 4      cumdose1 |     -.0504048      .0151332      -3.33      0.001     -.003925
> 9      fdferw1 |      .0012967      .0009172      1.41      0.157      .006942
> 9      crhrw2 |     -1.058376      .3335332      -3.17      0.002     -.131209
> 8      shhlw2 |      .0003207      .0001187      2.70      0.007      .001757
> 2      shhlw1 |      .0130908      .0048589      2.69      0.007      .063087
> 5      illw1  |      2.829042      1.047758      2.70      0.007      .561209
> 4      crhrw1 |      .5189151      .1823749      2.85      0.004      .069128
> 2      anxagw2 |     -.0042729      .0011705      -3.65      0.000     -.013652
> 2      illw2  |      2.252225      .3239544      6.95      0.000      .527939
> 6      age    |      .0679541      .0187076      3.63      0.000      .11337

```

```

> 5      injselfr |      1.133761      .2938476      3.86      0.000      .160381
> 6
-----
> -
      cumdose1 <-
      medcow1 |      .0047928      .0019158      2.50      0.012      .022055
> 9      anxagw1 |      .002613      .0005126      5.10      0.000      .16761
> 6      cumdose1 |     -.2677204      .0803786      -3.33      0.001     -.267720
> 4      fdferw1 |      .0068871      .0016526      4.17      0.000      .47346
> 5      shhlw1 |      .0000821      .0000306      2.68      0.007      .005078
> 3      illw1 |      .0177779      .0212126      0.84      0.402      .045279
> 6      crhrw1 |      .0035301      .0006279      5.62      0.000      .006037
> 8      age |      .004069      .0015663      2.60      0.009      .087162
> 4      injselfr |      .0938203      .0210592      4.46      0.000      .170399
> 1
-----
> -
      fdferw1 <-
      medcow1 |      .5075961      .2028966      2.50      0.012      .033978
> 6      anxagw1 |      .2767433      .05429      5.10      0.000      .25822
> 3      cumdose1 |     -28.35385      8.51277      -3.33      0.001     -.4124
> 4      fdferw1 |     -.2705976      .0639804      -4.23      0.000     -.270597
> 6      shhlw1 |     -.0193128      .0089185      -2.17      0.030     -.017382
> 4      illw1 |     -5.234868      1.494246      -3.50      0.000     -.193944
> 5      crhrw1 |      .3738649      .066497      5.62      0.000      .009301
> 6      age |      .2764326      .1464702      1.89      0.059      .086134
> 5      injselfr |      7.437308      1.935806      3.84      0.000      .196487
> 6
-----
> -
      bsianx <-
      medcow1 |     -.1429521      .0249121      -5.74      0.000     -.099149

```

```

> 9      anxagw1 |      .0242789      .0052516      4.62      0.000      .234726
> 6      shhlw3 |      .0184092      .0049197      3.74      0.000      .166486
> 9      medcow2 |     -.0709528      .0129279     -5.49      0.000     -.137300
> 1      cumdose1 |      .4895526      .3028756      1.62      0.106      .073784
> 2      fdferw1 |      .0078383      .001225      6.40      0.000      .081214
> 9      crhrw2 |      .1973551      .0426253      4.63      0.000      .047345
> 2      shhlw2 |      .0072553      .0014048      5.16      0.000      .076936
> 4      shhlw1 |       .00895      .0022717      3.94      0.000      .083464
> 8      illw1 |      1.317836      .2480065      5.31      0.000      .505881
> 2      crhrw1 |     -.072737      .0257839     -2.82      0.005     -.018750
> 6      anxagw2 |      .0238466      .0081101      2.94      0.003      .147438
> 8      illw2 |      .4550904      .1136662      4.00      0.000      .206429
> 5      age |      .0332704      .0072051      4.62      0.000      .10741
> 4      injselfr |      .9486943      .1147674      8.27      0.000      .259693
> 5
+-----+-----+
> -
>      crhrw2 <-
>      medcow1 |     -.0086221      .0015609     -5.52      0.000     -.024927
> 9      anxagw1 |      .0016112      .0001524     10.57      0.000      .064932
> 6      medcow2 |     -.0054842      .0009992     -5.49      0.000     -.044236
> 9      cumdose1 |     -.0478901      .0143782     -3.33      0.001     -.030087
> 2      fdferw1 |       .001232      .0006537      1.88      0.059      .053209
> 4      crhrw2 |      .0055649      .0029697      1.87      0.061      .005564
> 9      shhlw2 |     -.0003047      .0001128     -2.70      0.007     -.013466
> 9      shhlw1 |      .0013692      .0005988      2.29      0.022      .053226
> 7      illw1 |     -.0091935      .0258599     -0.36      0.722     -.01471

```

```

> 1      crhrw1 |      .4582619      .0318375      14.39      0.000      .492431
> 9      anxagw2 |      .0040597      .0011121       3.65      0.000      .104627
> 7      illw2  |      .0351754      .0187631       1.87      0.061      .066509
> 8      age   |      .0055154      .0019435       2.84      0.005      .074224
> 8      injselfr |      .558829      .0345663      16.17      0.000      .637654
> 9
-----
> -
medcow3 <-
medcow1 |      .7461268      .0651307      11.46      0.000      .364495
> 6      anxagw1 |      .0043432      .0013849       3.14      0.002      .029574
> 6      medcow2 |      .3496654      .0619184       5.65      0.000      .47657
> 6      cumdose1 |      .5066835      .1521233       3.33      0.001      .053787
> 2      fdferw1 |     -.0130344      .0056029      -2.33      0.020     -.095122
> 9      crhrw2 |     -.5999865      .1798828      -3.34      0.001     -.101378
> 8      shhlw2 |     -.0024741      .0009159      -2.70      0.007     -.018478
> 6      shhlw1 |      .005009      .0023555       2.13      0.033      .032901
> 2      illw1  |      1.364723      .6219269       2.19      0.028      .368985
> 5      crhrw1 |      .2936216      .0997266       2.94      0.003      .053312
> 1      anxagw2 |      .0329675      .0094587       3.49      0.000      .143565
> 2      illw2  |      1.316012      .1752709       7.51      0.000      .420447
> 5      age   |      .0255564      .0115089       2.22      0.026      .058113
> 9      injselfr |      .5036799      .1810533       2.78      0.005      .097110
> 7
-----
> -
shhlw2 <-
medcow1 |     -.3983115      .1733413      -2.30      0.022     -.026052
> 6      anxagw1 |      .21626      .0504274       4.29      0.000      .197167
> 3

```

> 5	medcow2	-.3765762	.0686139	-5.49	0.000	-.068719
> 8	cumdose1	-7.481518	2.246201	-3.33	0.001	-.106335
> 4	fdferw1	.1924619	.0551695	3.49	0.000	.188055
> 3	crhrw2	11.77213	3.044356	3.87	0.000	.26632
> 7	shhlw2	-.0035667	.0013203	-2.70	0.007	-.003566
> 8	shhlw1	.562645	.0497597	11.31	0.000	.494810
> 5	illw1	5.36858	1.812524	2.96	0.003	.194344
> 7	crhrw1	-2.8695	2.311182	-1.24	0.214	-.069757
> 6	anxagw2	.0475263	.013019	3.65	0.000	.027710
> 2	illw2	2.415356	1.121277	2.15	0.031	.103319
> 8	age	.3687454	.1029752	3.58	0.000	.112267
> 6	injselfr	-1.984464	1.800831	-1.10	0.270	-.051227
> -						
> 1	shhlw1 <- medcow1	.1236059	.0494078	2.50	0.012	.009193
> 8	anxagw1	.0673904	.0132203	5.10	0.000	.069863
> 1	cumdose1	-6.904512	2.072964	-3.33	0.001	-.111588
> 2	fdferw1	.1776185	.0490686	3.62	0.000	.197344
> 9	shhlw1	-.0047029	.0021718	-2.17	0.030	-.004702
> 9	illw1	-1.274755	.3638674	-3.50	0.000	-.052472
> 6	crhrw1	.0910407	.0161928	5.62	0.000	.002516
> 3	age	.398184	.1493815	2.67	0.008	.137850
> 9	injselfr	1.811076	.5843292	3.10	0.002	.053160
> -						
> 1	illw1 <- medcow1	.0004863	.0001944	2.50	0.012	.000878

```

> 7      anxagw1 |      .0002652      .000052      5.10      0.000      .006677
> 9      cumdose1 |     -.0271662      .0081562     -3.33      0.001     -.010666
> 1      fdferw1 |      .0006989      .0001931      3.62      0.000      .018863
> 1      shhlw1 |      .0039161      .0016925      2.31      0.021      .095135
> 1      illw1 |     -.0050156      .0014317     -3.50      0.000     -.005015
> 6      crhrw1 |      .0003582      .0000637      5.62      0.000      .000240
> 5      age |      .0219729      .005981      3.67      0.000      .184800
> 5      injselfr |      .3582294      .0715653      5.01      0.000      .255451
> 8
-----
> -
      crhrw1 <-
      medcow1 |      .0004245      .0001697      2.50      0.012      .001142
> 3      anxagw1 |      .0002315      .0000454      5.10      0.000      .008680
> 8      cumdose1 |     -.023715      .00712     -3.33      0.001     -.013865
> 2      fdferw1 |      .0006101      .0001685      3.62      0.000      .024520
> 7      shhlw1 |      .0034186      .0013062      2.62      0.009      .123668
> 9      illw1 |     -.0043784      .0012498     -3.50      0.000     -.006519
> 9      crhrw1 |      .0003127      .0000556      5.62      0.000      .000312
> 7      age |      .0114015      .0038947      2.93      0.003      .142792
> 5      injselfr |      .3709301      .0456106      8.13      0.000      .393882
> 2
-----
> -
      crhrw3 <-
      medcow1 |     -.0296409      .0021087     -14.06      0.000     -.083454
> 9      anxagw1 |      .0005301      .0004628      1.15      0.252      .020805
> 8      shhlw3 |     -.0001977      .0004774     -0.41      0.679     -.007257
> 3      illw3 |      .068092      .0137368      4.96      0.000      .121970
> 4

```

> 1	medcow2	-.0073052	.0018039	-4.05	0.000	-.057384
> 1	cumdose1	-.0348211	.01682	-2.07	0.038	-.021304
> 3	fdferw1	.0013598	.0008125	1.67	0.094	.05719
> 4	crhrw2	1.267435	.048109	26.35	0.000	1.23427
> 8	medcow3	.004169	.0006654	6.27	0.000	.024027
> 9	shhlw2	-.0002425	.0001819	-1.33	0.182	-.010439
> 1	shhlw1	.0001924	.0004442	0.43	0.665	.007283
> 8	illw1	.0211636	.0381448	0.55	0.579	.032978
> 7	crhrw1	.3285573	.0406512	8.08	0.000	.343818
> 4	crhrw3	.0726784	.0150695	4.82	0.000	.072678
> 5	anxagw2	.0055938	.0014091	3.97	0.000	.140394
> 6	illw2	.061692	.0238151	2.59	0.010	.113595
> 3	age	.0052431	.0016034	3.27	0.001	.068714
> 3	injselfr	.6098267	.0336101	18.14	0.000	.677640
> -						
> 5	anxagw2 <- medcow1	-.1086328	.2104922	-0.52	0.606	-.012186
> 4	anxagw1	.2773481	.0299448	9.26	0.000	.433683
> 3	medcow2	-.292432	.0532825	-5.49	0.000	-.091525
> 8	cumdose1	.4089855	.122791	3.33	0.001	.009969
> 6	fdferw1	-.0105211	.0036637	-2.87	0.004	-.017631
> 5	crhrw2	-.360364	.273736	-1.32	0.188	-.013982
> 5	shhlw2	-.0749374	.0277407	-2.70	0.007	-.12852
> 9	shhlw1	-.0231237	.0082743	-2.79	0.005	-.034877
> 2	illw1	4.352128	.9558003	4.55	0.000	.270211

```

> 8      crhrw1 |      .3550082      .172545      2.06      0.040      .014801
> 8      anxagw2 |     -.0014549      .0003985      -3.65      0.000      -.001454
> 9      illw2   |      1.875656      .6678034      2.81      0.005      .137607
> 5      age     |      .0791554      .0276468      2.86      0.004      .041333
> 1      injselfr |      4.826828      .7152754      6.75      0.000      .213703
> 3
-----
> -
      illw2 <-
      medcow1   |     -.2126091      .0188245     -11.29      0.000      -.325094
> 4      anxagw1 |      .0005182      .0000679      7.64      0.000      .011045
> 8      medcow2 |     -.1011628      .0184323      -5.49      0.000      -.431567
> 2      cumdose1 |     -.0338667      .0101679      -3.33      0.001      -.011252
> 9      fdferw1 |      .0008712      .000227      3.84      0.000      .019900
> 8      crhrw2   |      .1650105      .0520009      3.17      0.002      .087270
> 1      shhlw2   |     -.00005      .0000185      -2.70      0.007      -.001168
> 8      shhlw1   |      .0039738      .0018524      2.15      0.032      .081697
> 9      illw1    |      1.087149      .301768      3.60      0.000      .920030
> 1      crhrw1   |     -.0803534      .0283377      -2.84      0.005      -.045665
> 8      anxagw2   |      .0006662      .0001825      3.65      0.000      .009080
> 3      illw2     |     -.3511424      .0505075      -6.95      0.000      -.351142
> 4      age       |      .0231541      .0057358      4.04      0.000      .164799
> 6      injselfr  |      .5195216      .0739794      7.02      0.000      .313519
> 2
-----
> -

```

9 . sem, standardized

Structural equation model

Number of obs

$$=$$

360

```
Estimation method = ml
```

Log likelihood = -18766.794

 $\geq -$

	OIM				
Standardized	Coef.	Std. Err.	z	P> z	[95% Conf. Interval
>]					

$$\geq -$$

Structural

medcow1 <-						
illw1	.2716786	.0471774	5.76	0.000	.1792126	.364144

> 6

crhrw1	.2737505	.0470931	5.81	0.000	.1814498	.366051
--------	----------	----------	------	-------	----------	---------

> 2

cons	.9825811	.0632962	15.52	0.000	.8585228	1.10663
------	----------	----------	-------	-------	----------	---------

> 9

 $\geq -$

```
anxaqw1 <-
```

medcow1	.1315861	.0523606	2.51	0.012	.0289613	.234210
---------	----------	----------	------	-------	----------	---------

> 9

illw1	.143648	.0528259	2.72	0.007	.0401112	.247184
-------	---------	----------	------	-------	----------	---------

> 9

injselr	.234396	.0506984	4.62	0.000	.1350291	.33376
---------	---------	----------	------	-------	----------	--------

> 3

<u>cons</u>	.3158994	.0792668	3.99	0.000	.1605392	.471259
-------------	----------	----------	------	-------	----------	---------

> 5

> -

```
shhlw3 <-
```

medcow1	-.1570558	.0470419	-3.34	0.001	-.2492563	-.064855
---------	-----------	----------	-------	-------	-----------	----------

> 3

shhlw2	.576103	.0710153	8.11	0.000	.4369156	.715290
--------	---------	----------	------	-------	----------	---------

> 5

anxagw2	.1281071	.0484945	2.64	0.008	.0330597	.223154
---------	----------	----------	------	-------	----------	---------

> 6

injselr	.2970223	.0482826	6.15	0.000	.2023902	.391654
---------	----------	----------	------	-------	----------	---------

> 3

_cons	.334642	.1267695	2.64	0.008	.0861784	.583105
--------------	----------------	-----------------	-------------	--------------	-----------------	----------------

> 7

 $\geq -$

```
illw3 <-
```

medcow1	-.3600252	.0386658	-9.31	0.000	-.4358087	-.284241
---------	-----------	----------	-------	-------	-----------	----------

```

> 8      shhlw3 |      .2496162      .0315875      7.90      0.000      .1877059      .311526
> 6      cumdose1 |      .0904774      .0280757      3.22      0.001      .03545      .145504
> 9      crhrw2 |     -1.03825      .1307718     -7.94      0.000     -1.294558     -.781941
> 8      medcow3 |      .196997      .0319418      6.17      0.000      .1343923      .259601
> 8      shhlw2 |      .0968393      .0349467      2.77      0.006      .028345      .165333
> 7      shhlw1 |     -.2747333      .033531     -8.19      0.000     -.3404529     -.209013
> 7      illw1 |      .2362866      .0408522      5.78      0.000      .1562178      .316355
> 3      crhrw1 |      .7235546      .0399971     18.09      0.000      .6451617      .801947
> 5      crhrw3 |      .5958691      .1280409      4.65      0.000      .3449136      .846824
> 5      anxagw2 |      .0753997      .0300498      2.51      0.012      .0165032      .134296
> 1      illw2 |      .2536525      .0356945      7.11      0.000      .1836926      .323612
> 4      age |      .0785939      .0296282      2.65      0.008      .0205237      .136664
> 2      _cons |     -.0039611      .1323586     -0.03      0.976     -.2633793      .25545
> 7
+-----+
> -
medcow2 <-
medcow1 |      .7566559      .0636574     11.89      0.000      .6318897      .881422
> 1      crhrw2 |     -.2029027      .0640051     -3.17      0.002     -.3283503     -.077455
> 1      illw1 |     -.4147542      .0817496     -5.07      0.000     -.5749804     -.254527
> 9      illw2 |      .8344443      .1171391      7.12      0.000      .6048546      1.06403
> 1      _cons |     -.3782924      .0909473     -4.16      0.000     -.5565458     -.20003
> 9
+-----+
> -
cumdose1 <-
fdferw1 |      .6446869      .1481162      4.35      0.000      .3543844      .934989
> 4      illw1 |      .1711717      .059814      2.86      0.004      .0539383      .28840
> 5      _cons |     -.0481638      .1652236     -0.29      0.771     -.3719961      .275668
> 5

```

```

> -
  fdferw1 <-
    anxagw1 | .3540199 .0683643 5.18 0.000 .2200283 .488011
> 6
    cumdose1 | -.5654492 .1708253 -3.31 0.001 -.9002607 -.230637
> 7
        illw1 | -.2326164 .0634512 -3.67 0.000 -.3569785 -.108254
> 3
        age | .1648503 .0650967 2.53 0.011 .0372632 .292437
> 4
    injselfr | .2480344 .064058 3.87 0.000 .122483 .373585
> 8
        _cons | .264652 .2639817 1.00 0.316 -.2527427 .782046
> 6

```

```

> -
  bsianx <-
    anxagw1 | .1296637 .0504464 2.57 0.010 .0307905 .228536
> 9
        shhlw3 | .1664869 .0442191 3.77 0.000 .079819 .253154
> 8
    cumdose1 | .1197071 .043327 2.76 0.006 .0347878 .204626
> 4
        illw1 | .1772652 .0494699 3.58 0.000 .080306 .274224
> 4
    anxagw2 | .1211844 .0492251 2.46 0.014 .0247049 .217663
> 9
        illw2 | .2726469 .047611 5.73 0.000 .1793311 .365962
> 7
        _cons | 1.9542 .1151494 16.97 0.000 1.728512 2.17988
> 9

```

```

> -
  crhrw2 <-
    fdferw1 | .0593206 .0276255 2.15 0.032 .0051756 .113465
> 6
        illw1 | -.1026199 .0308444 -3.33 0.001 -.1630738 -.04216
> 6
    crhrw1 | .4938834 .0318303 15.52 0.000 .4314971 .556269
> 8
    anxagw2 | .1040487 .0284472 3.66 0.000 .0482933 .159804
> 1
        illw2 | .0804366 .0334262 2.41 0.016 .0149223 .145950
> 8
    injselfr | .4102276 .0337212 12.17 0.000 .3441353 .4763
> 2
        _cons | -.2743557 .0429381 -6.39 0.000 -.3585129 -.190198
> 6

```

```

> -
medcow3 <-
  medcow2 | .7562234 .046784 16.16 0.000 .6645285 .847918
> 3
  fdferw1 | -.1307034 .0395193 -3.31 0.001 -.2081598 -.05324
> 7
  illw1 | -.1230236 .0474881 -2.59 0.010 -.2160986 -.029948
> 6
  anxagw2 | .1541136 .0408327 3.77 0.000 .0740828 .234144
> 3
  _cons | .4270221 .0659855 6.47 0.000 .2976929 .556351
> 3

```

```

> -
shhlw2 <-
  anxagw1 | .1183836 .0448284 2.64 0.008 .0305215 .206245
> 7
  fdferw1 | .107319 .0440105 2.44 0.015 .02106 .193577
> 9
  crhrw2 | .253283 .0687803 3.68 0.000 .118476 .3880
> 9
  shhlw1 | .4866378 .0387679 12.55 0.000 .410654 .562621
> 5
  illw1 | .0999345 .0471378 2.12 0.034 .007546 .19232
> 3
  crhrw1 | -.1948533 .0554137 -3.52 0.000 -.3034622 -.086244
> 5
  illw2 | .1332703 .0462704 2.88 0.004 .0425818 .223958
> 7
  injselfr | -.2851072 .0567773 -5.02 0.000 -.3963886 -.173825
> 7
  _cons | .7508673 .0860051 8.73 0.000 .5823005 .919434
> 2

```

```

> -
shhlw1 <-
  fdferw1 | .270556 .0499711 5.41 0.000 .1726144 .368497
> 6
  age | .1145461 .0504045 2.27 0.023 .0157551 .213337
> 2
  _cons | .281083 .2242178 1.25 0.210 -.1583759 .720541
> 9

```

```

> -
illw1 <-
  shhlw1 | .0955846 .0411112 2.33 0.020 .0150082 .17616
> 1
  age | .1716241 .0484615 3.54 0.000 .0766413 .266606

```

```

> 9      injselfr |      .2503704      .0493841      5.07      0.000      .1535793      .347161
> 5      _cons   |     -.8749828      .2098224     -4.17      0.000     -1.286227     -.463738
> 4      -----
> -
>      crhrw1 <-
>      shhlw1   |      .1242533      .047041      2.64      0.008      .0320546      .21645
> 2      age     |      .1256642      .0481935      2.61      0.009      .0312066      .220121
> 7      injselfr |      .3872768      .0437096      8.86      0.000      .3016075      .472946
> 1      _cons   |     -.7891943      .2001631     -3.94      0.000     -1.181507     -.396881
> 9      -----
> -
>      crhrw3 <-
>      anxagw1  |     -.0579839      .0154368     -3.76      0.000     -.0882395     -.027728
> 3      shhlw3  |     -.0351485      .0159662     -2.20      0.028     -.0664416     -.003855
> 4      illw3   |      .1137064      .0244085      4.66      0.000      .0658665      .161546
> 2      crhrw2  |      1.260313      .040549      31.08      0.000      1.180839      1.33978
> 8      crhrw1  |     -.3106332      .0349119     -8.90      0.000     -.3790591     -.242207
> 2      _cons   |       .01639      .0240557      0.68      0.496     -.0307583      .063538
> 2      -----
> -
>      anxagw2 <-
>      anxagw1  |      .4558037      .0419814      10.86      0.000      .3735216      .538085
> 8      shhlw2  |     -.1287122      .0471769     -2.73      0.006     -.2211773     -.036247
> 2      illw2   |      .2325717      .0463065      5.02      0.000      .1418127      .323330
> 7      _cons   |      .3351682      .0782223      4.28      0.000      .1818553      .48848
> 1      -----
> -
>      illw2 <-
>      medcow2  |     -.6651186      .1121927     -5.93      0.000     -.8850123     -.445224
> 8      illw1   |      1.29982      .3785213      3.43      0.001      .5579322      2.04170
> 8

```

```

      injselfr |      .0881506      .1415711      0.62      0.534      -.1893236      .365624
> 9      _cons |      .3794991      .1085922      3.49      0.000      .1666624      .592335
> 8
-----
> -
Variance
      e.medcow1 |      .826107      .0354143                        .7595323      .89851
> 7      e.anxagw1 |      .8594871      .0327986                        .7975481      .926236
> 3      e.shhlw3 |      .8237702      .0550277                        .7226798      .939001
> 3      e.illw3 |      .2607528      .023195                        .2190338      .31041
> 8      e.medcow2 |      .9590291      .1161983                        .756307      1.21608
> 9      e.cumdose1 |      1.225578      .1508186                        .9629257      1.55987
> 3      e.fdferw1 |      1.211849      .2077339                        .8660369      1.69574
> 5      e.bsianx |      .6446309      .0393854                        .5718798      .726636
> 8      e.crhrw2 |      .3372058      .0269129                        .2883762      .394303
> 6      e.medcow3 |      .588933      .0410177                        .5137854      .675071
> 9      e.shhlw2 |      .6251651      .0390797                        .5530765      .706649
> 8      e.shhlw1 |      .9136049      .0282017                        .8599695      .970585
> 5      e.illw1 |      .8746659      .0318348                        .8144442      .939340
> 4      e.crhrw1 |      .7782011      .0363165                        .7101802      .852736
> 9      e.crhrw3 |      .0937927      .0133546                        .0709531      .123984
> 4      e.anxagw2 |      .7298752      .0395669                        .6563033      .811694
> 7      e.illw2 |      2.078602      .7065663                        1.067647      4.0468
> 3
-----
> -
Covariance
      e.shhlw3
      e.shhlw2 |      -.3411604      .0778267      -4.38      0.000      -.4936979      -.188622
> 8
-----
> -

```

e.medcow2						
e.medcow3	-.2571915	.0661764	-3.89	0.000	-.386895	-.127488
> 1						
> -						
e.bsianx						
e.medcow3	.174507	.0499471	3.49	0.000	.0766125	.272401
> 5						
> -						
e.crhrw2						
e.crhrw3	-.5463066	.0680377	-8.03	0.000	-.679658	-.412955
> 1						
> -						
e.illw1						
e.illw2	-.6498701	.1462871	-4.44	0.000	-.9365875	-.363152
> 6						
> -						

LR test of model vs. saturated: $\chi^2(89) = 102.80$, Prob > $\chi^2 = 0.1505$