

```

1 . sem (crhrw1 -> crhrw2) (crhrw1 -> crhrw3) (crhrw1 -> fdferw1) (crhrw1 -> ill
> w2) (crhrw1 -> illw3) (crhrw2 -> crhrw3) (crhrw2 -> illw3) (crhrw3 -> bsianx
> ) (crhrw3 -> injselfr) (cumdose1 -> cumdose2) (medcow1 -> crhrw1) (medcow1 -
> > bsianx) (medcow1 -> medcow2) (medcow1 -> illw1) (fdferw1 -> bsianx) (fdfer
> w1 -> shhlw1) (age -> crhrw1) (age -> shhlw1) (age -> illw2) (age -> illw3)
> (age -> injselfr) (anxagw1 -> fdferw1) (anxagw1 -> anxagw2) (anxagw1 -> shhl
> w3) (anxagw1 -> illw2) (anxagw1 -> injselfr) (anxagw2 -> crhrw2) (anxagw2 ->
> medcow2) (anxagw2 -> illw2) (medcow2 -> bsianx) (medcow2 -> medcow3) (medco
> w2 -> shhlw2) (shhlw1 -> crhrw1) (shhlw1 -> anxagw1) (shhlw1 -> medcow2) (sh
> hlw1 -> shhlw3) (shhlw1 -> shhlw2) (shhlw1 -> illw2) (shhlw3 -> illw3) (shhl
> w2 -> shhlw3) (illw1 -> crhrw2) (illw1 -> anxagw2) (illw2 -> crhrw2) (illw2
> -> medcow2) (illw2 -> illw3) (illw3 -> crhrw3) (illw3 -> bsianx) (illw3 -> m
> edcow3) (injselfr -> bsianx) (injselfr -> anxagw1) (injselfr -> shhlw2), cov
> ( e.crhrw2*e.crhrw1 e.shhlw1*e.shhlw2 e.illw1*e.illw2) nocapslatent
(2 observations with missing values excluded;
specify option 'method(mlmv)' to use all observations)

```

Endogenous variables

Observed: **crhrw1 crhrw2 crhrw3 fdferw1 illw2 illw3 bsianx injselfr cumdose2
medcow2 illw1 shhlw1 anxagw1 anxagw2 shhlw3 medcow3 shhlw2**

Exogenous variables

Observed: **cumdose1 medcow1 age**

Fitting target model:

```

Iteration 0: log likelihood = -17392.942 (not concave)
Iteration 1: log likelihood = -17080.867 (not concave)
Iteration 2: log likelihood = -17023.546 (not concave)
Iteration 3: log likelihood = -16818.139 (not concave)
Iteration 4: log likelihood = -16786.246
Iteration 5: log likelihood = -16763.188 (not concave)
Iteration 6: log likelihood = -16752.485 (not concave)
Iteration 7: log likelihood = -16750.22 (not concave)
Iteration 8: log likelihood = -16749.896 (not concave)
Iteration 9: log likelihood = -16749.604 (not concave)
Iteration 10: log likelihood = -16749.242 (not concave)
Iteration 11: log likelihood = -16748.952 (not concave)
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Iteration 16: log likelihood = -16748.725 (not concave)
Iteration 17: log likelihood = -16748.696 (not concave)
Iteration 18: log likelihood = -16748.664 (not concave)
Iteration 19: log likelihood = -16748.615 (not concave)

```

```

Iteration 20: log likelihood = -16748.598 (not concave)
Iteration 21: log likelihood = -16748.581 (not concave)
Iteration 22: log likelihood = -16748.568 (not concave)
Iteration 23: log likelihood = -16748.555 (not concave)
Iteration 24: log likelihood = -16748.474 (not concave)
Iteration 25: log likelihood = -16748.398 (not concave)
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Iteration 45: log likelihood = -16746.553 (not concave)
Iteration 46: log likelihood = -16746.128 (not concave)
Iteration 47: log likelihood = -16745.748 (not concave)
Iteration 48: log likelihood = -16742.133
Iteration 49: log likelihood = -16741.761
Iteration 50: log likelihood = -16728.51
Iteration 51: log likelihood = -16726.984
Iteration 52: log likelihood = -16726.611
Iteration 53: log likelihood = -16726.571
Iteration 54: log likelihood = -16726.569

```

Structural equation model

Number of obs

=

337

Estimation method = **ml**

Log likelihood = **-16726.569**

	Coef.	OIM Std. Err.	z	P> z	[95% Conf. Interval]	
> -						
>]						
> -						
Structural						
crhrw1 <-						
shhlw1	.0080059	.0012966	6.17	0.000	.0054645	.010547
> 3						
medcow1	.0742673	.019775	3.76	0.000	.035509	.113025
> 7						
age	.0186532	.0036168	5.16	0.000	.0115644	.025741
> 9						
_cons	-1.412019	.1785871	-7.91	0.000	-1.762043	-1.06199
> 5						
> -						
crhrw2 <-						
crhrw1	.8906941	.0647494	13.76	0.000	.7637877	1.01760
> 1						
illw2	.2762522	.0492752	5.61	0.000	.1796746	.372829
> 9						
illw1	.1808405	.0756571	2.39	0.017	.0325552	.329125
> 7						
anxagw2	.0032318	.0017162	1.88	0.060	-.0001318	.006595
> 4						
_cons	-.1804859	.034824	-5.18	0.000	-.2487396	-.112232
> 2						
> -						
crhrw3 <-						
crhrw1	-.0775417	.0285331	-2.72	0.007	-.1334656	-.021617
> 8						
crhrw2	1.007787	.0295513	34.10	0.000	.9498672	1.06570
> 6						
illw3	.0523545	.0167411	3.13	0.002	.0195426	.085166
> 5						
_cons	-.0353406	.016633	-2.12	0.034	-.0679407	-.002740
> 6						
> -						
fdferw1 <-						
crhrw1	8.080559	2.027968	3.98	0.000	4.105815	12.055
> 3						
anxagw1	.4795208	.0492084	9.74	0.000	.3830742	.575967
> 5						
_cons	22.07386	2.134702	10.34	0.000	17.88992	26.257

```

> 8
|-----|
> -
  illw2 <-
    crhrw1 | -.1128078 .0368639 -3.06 0.002 -.1850598 -.040555
> 9
    shhlw1 | .0041433 .0009456 4.38 0.000 .00229 .005996
> 6
    anxagw1 | -.0040147 .0010354 -3.88 0.000 -.006044 -.001985
> 4
    anxagw2 | .0108512 .0020118 5.39 0.000 .0069082 .014794
> 3
    age | .0105603 .0025917 4.07 0.000 .0054808 .015639
> 9
    _cons | -.3998345 .1324649 -3.02 0.003 -.6594608 -.140208
> 1
|-----|
> -
  illw3 <-
    crhrw1 | -.6852586 .0837123 -8.19 0.000 -.8493317 -.521185
> 5
    crhrw2 | .6741841 .0871285 7.74 0.000 .5034154 .844952
> 8
    illw2 | .299661 .0788634 3.80 0.000 .1450917 .454230
> 4
    shhlw3 | .0031367 .0012402 2.53 0.011 .000706 .005567
> 5
    age | .0099156 .0038209 2.60 0.009 .0024268 .017404
> 4
    _cons | -.183713 .1977659 -0.93 0.353 -.5713271 .203901
> 1
|-----|
> -
  bsianx <-
    crhrw3 | .7669106 .1639374 4.68 0.000 .4455991 1.08822
> 2
    fdferw1 | .010975 .0034836 3.15 0.002 .0041473 .017802
> 7
    illw3 | .9385255 .1354536 6.93 0.000 .6730413 1.2040
> 1
    injselfr | -.8597707 .2773908 -3.10 0.002 -1.403447 -.316094
> 6
    medcow2 | .3221325 .0495757 6.50 0.000 .2249659 .419299
> 1
    medcow1 | -.1877382 .0688362 -2.73 0.006 -.3226547 -.052821
> 7
    _cons | 6.988632 .2399589 29.12 0.000 6.518321 7.45894
> 3
|-----|

```

```

> -
  injselfr <- |
    crhrw3 | .2919037 .0464705 6.28 0.000 .2008232 .382984
> 2
  anxagw1 | -.0066051 .0021142 -3.12 0.002 -.0107488 -.002461
> 4
    age | .0118494 .0027538 4.30 0.000 .0064521 .017246
> 7
    _cons | .1369804 .1320623 1.04 0.300 -.1218569 .395817
> 7
  -----
> -
  cumdose2 <- |
    cumdose1 | 1.339358 .0368063 36.39 0.000 1.267218 1.41149
> 7
    _cons | .3898304 .0636154 6.13 0.000 .2651466 .514514
> 3
  -----
> -
  medcow2 <- |
    illw2 | 1.016285 .223306 4.55 0.000 .5786131 1.45395
> 6
    shhlw1 | .0116801 .0036414 3.21 0.001 .004543 .018817
> 2
    anxagw2 | .0151701 .0074542 2.04 0.042 .0005601 .029780
> 1
    medcow1 | .7744249 .0571921 13.54 0.000 .6623304 .886519
> 4
    _cons | .2449637 .1864984 1.31 0.189 -.1205665 .610493
> 8
  -----
> -
  illw1 <- |
    medcow1 | .0306305 .0087534 3.50 0.000 .0134741 .047786
> 9
    _cons | .0615394 .0212232 2.90 0.004 .0199427 .103136
> 1
  -----
> -
  shhlw1 <- |
    fdferw1 | .2228828 .0466116 4.78 0.000 .1315259 .314239
> 8
    age | .3779554 .119106 3.17 0.002 .1445119 .611398
> 9
    _cons | 8.529275 6.506787 1.31 0.190 -4.223792 21.2823
> 4
  -----
> -
  anxagw1 <- |

```

```

      injselfr |    50.14168    8.108925    6.18    0.000    34.24848    66.0348
> 8      shhlw1 |    .2173994    .0606841    3.58    0.000    .0984607    .336338
> 2      _cons |   -9.10391    4.314818   -2.11    0.035   -17.5608   -1.647020
> 9
-----
> -
      anxagw2 <-
      illw1 |    11.11178    2.192092    5.07    0.000    6.815357    15.408
> 2      anxagw1 |    .2363291    .0213617   11.06    0.000    .1944609    .278197
> 2      _cons |    2.239394    .9526355    2.35    0.019    .3722626    4.10652
> 5
-----
> -
      shhlw3 <-
      shhlw1 |    .1911269    .0589682    3.24    0.001    .0755515    .306702
> 4      anxagw1 |    .1826757    .0457462    3.99    0.000    .0930147    .272336
> 7      shhlw2 |    .3528602    .0509306    6.93    0.000    .2530381    .452682
> 4      _cons |    14.3201    2.465613    5.81    0.000    9.487589   19.1526
> 2
-----
> -
      medcow3 <-
      illw3 |    .5579917    .152083    3.67    0.000    .2599144    .85606
> 9      medcow2 |    .712216    .0469156   15.18    0.000    .6202631    .804168
> 9      _cons |    1.153655    .1795854    6.42    0.000    .8016746    1.50563
> 6
-----
> -
      shhlw2 <-
      injselfr |   -9.855634    3.608025   -2.73    0.006   -16.92723   -2.78403
> 5      medcow2 |   -1.195185    .5459845   -2.19    0.029   -2.265295   -.125075
> 4      shhlw1 |    1.509394    .2378408    6.35    0.000    1.043234    1.97555
> 3      _cons |    .4445597    8.095626    0.05    0.956   -15.42258    16.311
> 7
-----
> -
Variance |

```

> 5	e.crhrw1	.6376536	.0493554		.5478989	.742111
> 3	e.crhrw2	.237388	.0213181		.1990758	.283073
> 9	e.crhrw3	.0628699	.0048434		.054059	.073116
> 7	e.fdfwr1	958.7608	74.22072		823.7891	1115.84
> 8	e.illw2	.2867554	.0221854		.2464091	.333707
> 3	e.illw3	.6041885	.0465453		.5195147	.70266
> 4	e.bsianx	4.926172	.3794981		4.2358	5.72906
> 3	e.injselfr	.2815117	.0503747		.1982346	.39977
> 9	e.cumdose2	1.278476	.0984901		1.099306	1.48684
> 5	e.medcow2	5.271801	.4061243		4.532991	6.13102
> 8	e.illw1	.1262766	.0097281		.1085796	.14685
> 9	e.shhlw1	1054.817	83.21863		903.6961	1231.20
> 9	e.anxagw1	1194.763	135.1405		957.1983	1491.28
> 8	e.anxagw2	210.7123	16.24694		181.1582	245.087
> 7	e.shhlw3	832.3859	64.12477		715.7321	968.052
> 1	e.medcow3	6.888963	.5307059		5.923518	8.01176
> 9	e.shhlw2	1706.729	477.5314		986.2891	2953.41
> -						
	Covariance					
> 2	e.crhrw1					
	e.crhrw2	-.080872	.0482121	-1.68	0.093	-.1753661
> 6	e.illw2					
	e.illw1	.0135534	.0108457	1.25	0.211	-.0077037
> -						
	e.shhlw1					
	e.shhlw2	-931.3906	279.6513	-3.33	0.001	-1479.497

> 1

> -

LR test of model vs. saturated: $\chi^2(133) = 147.54$, Prob > $\chi^2 = 0.1837$

2 .

3 . estat stable

Stability analysis of simultaneous equation systems

Eigenvalue stability condition

Eigenvalue	Modulus
$-.1229543 + .6427024i$	.654358
$-.1229543 - .6427024i$	.654358
$.2605939 + .4841954i$	.549868
$.2605939 - .4841954i$	.549868
.5093201	.50932
$-.3768461 + .2283912i$	.440654
$-.3768461 - .2283912i$	.440654
$-.1208795$	.12088
.1063649	.106365
$-.03798849 + .04940096i$	.062318
$-.03798849 - .04940096i$	.062318
.05958457	.059585
$1.419e-06 + 2.460e-06i$	2.8e-06
$1.419e-06 - 2.460e-06i$	2.8e-06
$-2.838e-06$	2.8e-06
$4.598e-14$	4.6e-14
$2.393e-17$	2.4e-17

stability index = .6543578

All the eigenvalues lie inside the unit circle.

SEM satisfies stability condition.

4 . estat gof

Fit statistic	Value	Description
Likelihood ratio		
$\chi^2_{ms}(133)$	147.539	model vs. saturated
p > χ^2	0.184	
$\chi^2_{bs}(187)$	3733.747	baseline vs. saturated
p > χ^2	0.000	

5 . estat ic

Model	Obs	ll(null)	ll(model)	df	AIC	BIC
.	337	.	-16726.57	88	33629.14	33965.31

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

```
6 . sem (crhrw1 -> crhrw2) (crhrw1 -> crhrw3) (crhrw1 -> fdferw1) (crhrw1 -> ill
> w2) (crhrw1 -> illw3) (crhrw2 -> crhrw3) (crhrw2 -> illw3) (crhrw3 -> bsianx
> ) (crhrw3 -> injselfr) (cumdose1 -> cumdose2) (medcow1 -> crhrw1) (medcow1 -
> > bsianx) (medcow1 -> medcow2) (medcow1 -> illw1) (fdferw1 -> bsianx) (fdfer
> w1 -> shhlw1) (age -> crhrw1) (age -> shhlw1) (age -> illw2) (age -> illw3)
> (age -> injselfr) (anxagw1 -> fdferw1) (anxagw1 -> anxagw2) (anxagw1 -> shhl
> w3) (anxagw1 -> illw2) (anxagw1 -> injselfr) (anxagw2 -> crhrw2) (anxagw2 ->
> medcow2) (anxagw2 -> illw2) (medcow2 -> bsianx) (medcow2 -> medcow3) (medco
> w2 -> shhlw2) (shhlw1 -> crhrw1) (shhlw1 -> anxagw1) (shhlw1 -> medcow2) (sh
> hlw1 -> shhlw3) (shhlw1 -> shhlw2) (shhlw1 -> illw2) (shhlw3 -> illw3) (shhl
> w2 -> shhlw3) (illw1 -> crhrw2) (illw1 -> anxagw2) (illw2 -> crhrw2) (illw2
> -> medcow2) (illw2 -> illw3) (illw3 -> crhrw3) (illw3 -> bsianx) (illw3 -> m
> edcow3) (injselfr -> bsianx) (injselfr -> anxagw1) (injselfr -> shhlw2), sta
> ndardized cov( e.crhrw2*e.crhrw1 e.shhlw1*e.shhlw2 e.illw1*e.illw2) nocapsla
> tent
(2 observations with missing values excluded;
specify option 'method(mlmv)' to use all observations)
```

Endogenous variables

Observed: **crhrw1 crhrw2 crhrw3 fdferw1 illw2 illw3 bsianx injselfr cumdose2
medcow2 illw1 shhlw1 anxagw1 anxagw2 shhlw3 medcow3 shhlw2**

Exogenous variables

Observed: **cumdose1 medcow1 age**

Fitting target model:

```
Iteration 0: log likelihood = -17392.942 (not concave)
Iteration 1: log likelihood = -17080.867 (not concave)
Iteration 2: log likelihood = -17023.546 (not concave)
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Iteration 46: log likelihood = -16746.128 (not concave)
Iteration 47: log likelihood = -16745.748 (not concave)
Iteration 48: log likelihood = -16742.133
```

```

Iteration 49: log likelihood = -16741.761
Iteration 50: log likelihood = -16728.51
Iteration 51: log likelihood = -16726.984
Iteration 52: log likelihood = -16726.611
Iteration 53: log likelihood = -16726.571
Iteration 54: log likelihood = -16726.569

```

```

Structural equation model          Number of obs      =       337
Estimation method   = ml
Log likelihood       = -16726.569

```

> -						
Standardized	Coef.	OIM Std. Err.	z	P> z	[95% Conf. Interval	
>]						
> -						
Structural						
crhrw1 <-						
shhlw1	.3057955	.0478224	6.39	0.000	.2120653	.399525
> 7						
medcow1	.1768395	.0460271	3.84	0.000	.086628	.26705
> 1						
age	.2444273	.0454548	5.38	0.000	.1553375	.333517
> 1						
_cons	-1.522256	.1767086	-8.61	0.000	-1.868598	-1.17591
> 3						
> -						
crhrw2 <-						
crhrw1	.9011884	.0604007	14.92	0.000	.7828052	1.01957
> 2						
illw2	.1771018	.0321324	5.51	0.000	.1141235	.240080
> 1						
illw1	.0713547	.029962	2.38	0.017	.0126303	.130079
> 1						
anxagw2	.0626484	.0339314	1.85	0.065	-.0038559	.129152
> 7						
_cons	-.196869	.0386769	-5.09	0.000	-.2726744	-.121063
> 6						
> -						
crhrw3 <-						
crhrw1	-.0785927	.0416661	-1.89	0.059	-.1602567	.003071
> 2						
crhrw2	1.009552	.0258749	39.02	0.000	.958838	1.06026
> 6						
illw3	.0534334	.0172893	3.09	0.002	.0195471	.087319

```

> 7      _cons |  -.0386161   .0183168   -2.11   0.035   -.0745163   -.002715
> 9
-----
> -
fdferw1 <- |
  crhrw1 |   .1929495   .0487716    3.96   0.000   .0973589   .2885
> 4      anxagw1 |   .4616513   .0435382   10.60   0.000   .376318   .546984
> 7      _cons |   .5682345   .0637057    8.92   0.000   .4433736   .693095
> 3
-----
> -
illw2 <- |
  crhrw1 |  -.1780365   .0576443   -3.09   0.002   -.2910173   -.065055
> 7      shhlw1 |   .2497667   .0558262    4.47   0.000   .1403493   .359184
> 1      anxagw1 |  -.2554616   .0654374   -3.90   0.000   -.3837165   -.127206
> 6      anxagw2 |   .3281157   .0588685    5.57   0.000   .2127356   .443495
> 8      age |   .2183958   .0524221    4.17   0.000   .1156503   .321141
> 2      _cons |  -.6802947   .2193505   -3.10   0.002   -1.110214   -.250375
> 6
-----
> -
illw3 <- |
  crhrw1 |  -.6805233   .0813403   -8.37   0.000   -.8399474   -.521099
> 2      crhrw2 |   .6617288   .0822631    8.04   0.000   .5004961   .822961
> 5      illw2 |   .1885598   .0495833    3.80   0.000   .0913782   .285741
> 3      shhlw3 |   .1223543   .0483425    2.53   0.011   .0276047   .217103
> 9      age |   .1290337   .0494509    2.61   0.009   .0321117   .225955
> 7      _cons |  -.1966869   .2108113   -0.93   0.351   -.6098695   .216495
> 7
-----
> -
bsianx <- |
  crhrw3 |   .2517181   .052794    4.77   0.000   .1482437   .355192
> 6      fdferw1 |   .1529036   .0484315    3.16   0.002   .0579796   .247827
> 7

```

```

      illw3 |      .3143941      .0440432      7.14      0.000      .228071      .400717
> 1
    injselfr |     -.1539267      .0493054     -3.12      0.002     -.2505635     -.0572
> 9
    medcow2 |      .3498365      .0517484      6.76      0.000      .2484116      .451261
> 5
    medcow1 |     -.1487136      .0539723     -2.76      0.006     -.2544973     -.0429
> 3
      _cons |      2.506432      .1351859     18.54      0.000      2.241473      2.77139
> 2
-----
> -
    injselfr <-
      crhrw3 |      .5351531      .0829996      6.45      0.000      .3724769      .697829
> 3
    anxagw1 |     -.4948441      .1583766     -3.12      0.002     -.8052565     -.184431
> 7
      age |      .2885226      .0655738      4.40      0.000      .1600003      .417044
> 9
      _cons |      .2744043      .2666496      1.03      0.303     -.2482194      .797027
> 9
-----
> -
    cumdose2 <-
      cumdose1 |      .8928227      .0085702     104.18      0.000      .8760254      .909620
> 1
      _cons |      .1552872      .0264259      5.88      0.000      .1034933      .207081
> 1
-----
> -
    medcow2 <-
      illw2 |      .1972567      .0432325      4.56      0.000      .1125226      .281990
> 8
      shhlw1 |      .1366637      .0425109      3.21      0.001      .0533439      .219983
> 5
    anxagw2 |      .0890334      .0440534      2.02      0.043      .0026904      .175376
> 5
    medcow1 |      .5648679      .0325104     17.37      0.000      .5011487      .628587
> 1
      _cons |      .0808975      .062775      1.29      0.198     -.0421393      .203934
> 2
-----
> -
    illw1 <-
      medcow1 |      .1870233      .0520739      3.59      0.000      .0849603      .289086
> 3
      _cons |      .170122      .0597114      2.85      0.004      .0530899      .287154
> 1
-----

```

```

> -
shhlw1 <-
  fdferw1 | .244374 .0499447 4.89 0.000 .1464841 .342263
> 9
age | .1296638 .0400855 3.23 0.001 .0510977 .208229
> 8
_cons | .2407353 .1863233 1.29 0.196 -.1244517 .605922
> 3
-----
> -
anxagw1 <-
  injselfr | .669282 .1015075 6.59 0.000 .4703309 .86823
> 3
shhlw1 | .2059555 .0574494 3.58 0.000 .0933568 .318554
> 2
_cons | -.243428 .1125005 -2.16 0.030 -.4639249 -.022931
> 1
-----
> -
anxagw2 <-
  illw1 | .2261749 .044094 5.13 0.000 .1397522 .312597
> 5
anxagw1 | .4973275 .0399539 12.45 0.000 .4190193 .575635
> 8
_cons | .1260081 .0554699 2.27 0.023 .0172892 .23472
> 7
-----
> -
shhlw3 <-
  shhlw1 | .1858612 .0638738 2.91 0.004 .0606709 .311051
> 4
anxagw1 | .1875135 .046792 4.01 0.000 .095803 .279224
> 1
shhlw2 | .3833799 .0529856 7.24 0.000 .27953 .487229
> 8
_cons | .3930434 .0766568 5.13 0.000 .2427988 .543288
> 1
-----
> -
medcow3 <-
  illw3 | .1500583 .0406416 3.69 0.000 .0704022 .229714
> 4
medcow2 | .6209354 .0319644 19.43 0.000 .5582864 .683584
> 3
_cons | .3321575 .0577878 5.75 0.000 .2188954 .445419
> 5
-----
> -
shhlw2 <-

```

	injselfr	-.1242853	.0454041	-2.74	0.006	-.2132757	-.03529
> 5							
	medcow2	-.091426	.0417452	-2.19	0.029	-.1732452	-.009606
> 8							
	shhlw1	1.350961	.2000929	6.75	0.000	.9587857	1.74313
> 5							
	_cons	.0112305	.2045538	0.05	0.956	-.3896876	.412148
> 5							
> -							
	Variance						
	e.crhrw1	.7411036	.0401719			.6664064	.824173
> 6							
	e.crhrw2	.2824404	.0291822			.2306638	.345839
> 3							
	e.crhrw3	.0750639	.0077547			.0613048	.091910
> 9							
	e.fdferw1	.6353438	.0412513			.5594257	.721564
> 6							
	e.illw2	.8301283	.0361421			.7622293	.904075
> 7							
	e.illw3	.692538	.0404045			.6177066	.776434
> 8							
	e.bsianx	.6336321	.0410549			.5580656	.719430
> 9							
	e.injselfr	1.129695	.1929915			.808251	1.57897
> 9							
	e.cumdose2	.2028675	.0153034			.1749855	.235192
> 3							
	e.medcow2	.5749438	.0360122			.5085218	.650041
> 7							
	e.illw1	.9650223	.0194781			.9275912	1.00396
> 4							
	e.shhlw1	.840296	.0390001			.7672308	.920319
> 3							
	e.anxagw1	.8542151	.0820562			.7076206	1.03117
> 9							
	e.anxagw2	.6671537	.040628			.5920929	.751730
> 1							
	e.shhlw3	.6270665	.0414313			.5509006	.713762
> 8							
	e.medcow3	.5710703	.0394561			.4987453	.653883
> 5							
	e.shhlw2	1.089182	.3044889			.6297099	1.8839
> 1							
> -							
	Covariance						
	e.crhrw1						

```

      e.crhrw2 |  -.2078628   .118029   -1.76   0.078   -.4391953   .023469
> 8
-----
> -
      e.illw2
      e.illw1 |  .0712249   .0565566   1.26   0.208   -.039624   .182073
> 7
-----
> -
      e.shhlw1
      e.shhlw2 | -.6941623   .1042765   -6.66   0.000   -.8985405   -.489784
> 1
-----
> -
LR test of model vs. saturated: chi2(133) =    147.54, Prob > chi2 = 0.1837
7 .
8 . sem, standardized

```

```

Structural equation model                      Number of obs      =      337
Estimation method   = ml
Log likelihood      = -16726.569

```

```

> -
Standardized |          Coef.      OIM      z      P>|z|      [95% Conf. Interval
> ]
-----
> -
Structural
      crhrw1 <-
      shhlw1 |  .3057955   .0478224   6.39   0.000   .2120653   .399525
> 7
      medcow1 |  .1768395   .0460271   3.84   0.000   .086628   .26705
> 1
      age |  .2444273   .0454548   5.38   0.000   .1553375   .333517
> 1
      _cons | -1.522256   .1767086   -8.61   0.000   -1.868598   -1.17591
> 3
-----
> -
      crhrw2 <-
      crhrw1 |  .9011884   .0604007   14.92   0.000   .7828052   1.01957
> 2
      illw2 |  .1771018   .0321324   5.51   0.000   .1141235   .240080
> 1
      illw1 |  .0713547   .029962   2.38   0.017   .0126303   .130079
> 1
      anxagw2 |  .0626484   .0339314   1.85   0.065   -.0038559   .129152

```



```

> 7      _cons |   -.196869   .0386769   -5.09   0.000   -.2726744   -.121063
> 6
-----
> -
crhrw3 <-
crhrw1 |   -.0785927   .0416661   -1.89   0.059   -.1602567   .003071
> 2
crhrw2 |    1.009552   .0258749   39.02   0.000    .958838   1.06026
> 6
illw3 |    .0534334   .0172893    3.09   0.002    .0195471   .087319
> 7
_cons |   -.0386161   .0183168   -2.11   0.035   -.0745163   -.002715
> 9
-----
> -
fdferw1 <-
crhrw1 |    .1929495   .0487716    3.96   0.000    .0973589    .2885
> 4
anxagw1 |    .4616513   .0435382   10.60   0.000    .376318    .546984
> 7
_cons |    .5682345   .0637057    8.92   0.000    .4433736    .693095
> 3
-----
> -
illw2 <-
crhrw1 |   -.1780365   .0576443   -3.09   0.002   -.2910173   -.065055
> 7
shhlw1 |    .2497667   .0558262    4.47   0.000    .1403493    .359184
> 1
anxagw1 |   -.2554616   .0654374   -3.90   0.000   -.3837165   -.127206
> 6
anxagw2 |    .3281157   .0588685    5.57   0.000    .2127356    .443495
> 8
age |    .2183958   .0524221    4.17   0.000    .1156503    .321141
> 2
_cons |   -.6802947   .2193505   -3.10   0.002   -1.110214   -.250375
> 6
-----
> -
illw3 <-
crhrw1 |   -.6805233   .0813403   -8.37   0.000   -.8399474   -.521099
> 2
crhrw2 |    .6617288   .0822631    8.04   0.000    .5004961    .822961
> 5
illw2 |    .1885598   .0495833    3.80   0.000    .0913782    .285741
> 3
shhlw3 |    .1223543   .0483425    2.53   0.011    .0276047    .217103
> 9

```

```

    age | .1290337 .0494509 2.61 0.009 .0321117 .225955
> 7
    _cons | -.1966869 .2108113 -0.93 0.351 -.6098695 .216495
> 7
-----
> -
    bsianx <-
      crhrw3 | .2517181 .052794 4.77 0.000 .1482437 .355192
> 6
      fdferw1 | .1529036 .0484315 3.16 0.002 .0579796 .247827
> 7
      illw3 | .3143941 .0440432 7.14 0.000 .228071 .400717
> 1
      injselfr | -.1539267 .0493054 -3.12 0.002 -.2505635 -.0572
> 9
      medcow2 | .3498365 .0517484 6.76 0.000 .2484116 .451261
> 5
      medcow1 | -.1487136 .0539723 -2.76 0.006 -.2544973 -.0429
> 3
      _cons | 2.506432 .1351859 18.54 0.000 2.241473 2.77139
> 2
-----
> -
      injselfr <-
        crhrw3 | .5351531 .0829996 6.45 0.000 .3724769 .697829
> 3
        anxagw1 | -.4948441 .1583766 -3.12 0.002 -.8052565 -.184431
> 7
        age | .2885226 .0655738 4.40 0.000 .1600003 .417044
> 9
        _cons | .2744043 .2666496 1.03 0.303 -.2482194 .797027
> 9
-----
> -
      cumdose2 <-
        cumdose1 | .8928227 .0085702 104.18 0.000 .8760254 .909620
> 1
        _cons | .1552872 .0264259 5.88 0.000 .1034933 .207081
> 1
-----
> -
      medcow2 <-
        illw2 | .1972567 .0432325 4.56 0.000 .1125226 .281990
> 8
        shhlw1 | .1366637 .0425109 3.21 0.001 .0533439 .219983
> 5
        anxagw2 | .0890334 .0440534 2.02 0.043 .0026904 .175376
> 5
        medcow1 | .5648679 .0325104 17.37 0.000 .5011487 .628587

```

```

> 1      _cons | .0808975 .062775 1.29 0.198 -.0421393 .203934
> 2
> -----
> -
> illw1 <-
>   medcow1 | .1870233 .0520739 3.59 0.000 .0849603 .289086
> 3
>   _cons | .170122 .0597114 2.85 0.004 .0530899 .287154
> 1
> -----
> -
> shhlw1 <-
>   fdferw1 | .244374 .0499447 4.89 0.000 .1464841 .342263
> 9
>   age | .1296638 .0400855 3.23 0.001 .0510977 .208229
> 8
>   _cons | .2407353 .1863233 1.29 0.196 -.1244517 .605922
> 3
> -----
> -
> anxagw1 <-
>   injselfr | .669282 .1015075 6.59 0.000 .4703309 .86823
> 3
>   shhlw1 | .2059555 .0574494 3.58 0.000 .0933568 .318554
> 2
>   _cons | -.243428 .1125005 -2.16 0.030 -.4639249 -.022931
> 1
> -----
> -
> anxagw2 <-
>   illw1 | .2261749 .044094 5.13 0.000 .1397522 .312597
> 5
>   anxagw1 | .4973275 .0399539 12.45 0.000 .4190193 .575635
> 8
>   _cons | .1260081 .0554699 2.27 0.023 .0172892 .23472
> 7
> -----
> -
> shhlw3 <-
>   shhlw1 | .1858612 .0638738 2.91 0.004 .0606709 .311051
> 4
>   anxagw1 | .1875135 .046792 4.01 0.000 .095803 .279224
> 1
>   shhlw2 | .3833799 .0529856 7.24 0.000 .27953 .487229
> 8
>   _cons | .3930434 .0766568 5.13 0.000 .2427988 .543288
> 1
> -----

```

```

> -
medcow3 <- |
    illw3 | .1500583 .0406416 3.69 0.000 .0704022 .229714
> 4
medcow2 | .6209354 .0319644 19.43 0.000 .5582864 .683584
> 3
_cons | .3321575 .0577878 5.75 0.000 .2188954 .445419
> 5

```

```

> -
shhlw2 <- |
    injselfr | -.1242853 .0454041 -2.74 0.006 -.2132757 -.03529
> 5
medcow2 | -.091426 .0417452 -2.19 0.029 -.1732452 -.009606
> 8
shhlw1 | 1.350961 .2000929 6.75 0.000 .9587857 1.74313
> 5
_cons | .0112305 .2045538 0.05 0.956 -.3896876 .412148
> 5

```

```

> -
Variance
e.crrhw1 | .7411036 .0401719 .6664064 .824173
> 6
e.crrhw2 | .2824404 .0291822 .2306638 .345839
> 3
e.crrhw3 | .0750639 .0077547 .0613048 .091910
> 9
e.fdfwrw1 | .6353438 .0412513 .5594257 .721564
> 6
e.illw2 | .8301283 .0361421 .7622293 .904075
> 7
e.illw3 | .692538 .0404045 .6177066 .776434
> 8
e.bsianx | .6336321 .0410549 .5580656 .719430
> 9
e.injselfr | 1.129695 .1929915 .808251 1.57897
> 9
e.cumdose2 | .2028675 .0153034 .1749855 .235192
> 3
e.medcow2 | .5749438 .0360122 .5085218 .650041
> 7
e.illw1 | .9650223 .0194781 .9275912 1.00396
> 4
e.shhlw1 | .840296 .0390001 .7672308 .920319
> 3
e.anxagw1 | .8542151 .0820562 .7076206 1.03117
> 9
e.anxagw2 | .6671537 .040628 .5920929 .751730

```

```

> 1      e.shhlw3 |      .6270665      .0414313                                .5509006      .713762
> 8      e.medcow3 |      .5710703      .0394561                                .4987453      .653883
> 5      e.shhlw2 |      1.089182      .3044889                                .6297099      1.8839
> 1
-----
> -
Covariance
      e.crhrw1
      e.crhrw2 |     -.2078628      .118029      -1.76      0.078      -.4391953      .023469
> 8
-----
> -
      e.illw2
      e.illw1 |      .0712249      .0565566      1.26      0.208      -.039624      .182073
> 7
-----
> -
      e.shhlw1
      e.shhlw2 |     -.6941623      .1042765      -6.66      0.000      -.8985405      -.489784
> 1
-----
> -
LR test of model vs. saturated: chi2(133) =      147.54, Prob > chi2 = 0.1837

```

9 . estat teffects, standardized

Direct effects

```

> -
      Coef.      OIM      Std. Err.      z      P>|z|      Std. Coef
> .
-----
> -
Structural
      crhrw1 <-
      crhrw1 |           0 (no path)
> 0
      crhrw3 |           0 (no path)
> 0
      fdferw1 |           0 (no path)
> 0
      injselfr |           0 (no path)
> 0
      shhlw1 |      .0080059      .0012966      6.17      0.000      .305795

```

```

> 5      anxagw1 |           0 (no path)
> 0      medcow1 |    .0742673    .019775    3.76    0.000    .176839
> 5          age |    .0186532    .0036168    5.16    0.000    .244427
> 3
-----
> -
  crhrw2 <-
    crhrw1 |    .8906941    .0647494    13.76    0.000    .901188
> 4      crhrw2 |           0 (no path)
> 0      crhrw3 |           0 (no path)
> 0      fdferw1 |           0 (no path)
> 0          illw2 |    .2762522    .0492752    5.61    0.000    .177101
> 8          illw3 |           0 (no path)
> 0      injselfr |           0 (no path)
> 0          illw1 |    .1808405    .0756571    2.39    0.017    .071354
> 7      shhlw1 |           0 (no path)
> 0      anxagw1 |           0 (no path)
> 0      anxagw2 |    .0032318    .0017162    1.88    0.060    .062648
> 4      medcow1 |           0 (no path)
> 0          age |           0 (no path)
> 0
-----
> -
  crhrw3 <-
    crhrw1 |   -.0775417    .0285331    -2.72    0.007   -.078592
> 7      crhrw2 |    1.007787    .0295513    34.10    0.000    1.00955
> 2      crhrw3 |           0 (no path)
> 0      fdferw1 |           0 (no path)
> 0          illw2 |           0 (no path)
> 0

```

	illw3	.0523545	.0167411	3.13	0.002	.053433
> 4						
	injselfr	0	(no path)			
> 0						
	medcow2	0	(no path)			
> 0						
	illw1	0	(no path)			
> 0						
	shhlw1	0	(no path)			
> 0						
	anxagw1	0	(no path)			
> 0						
	anxagw2	0	(no path)			
> 0						
	shhlw3	0	(no path)			
> 0						
	shhlw2	0	(no path)			
> 0						
	medcow1	0	(no path)			
> 0						
	age	0	(no path)			
> 0						
> -						
	fdferw1 <-					
	crhrw1	8.080559	2.027968	3.98	0.000	.192949
> 5						
	crhrw2	0	(no path)			
> 0						
	crhrw3	0	(no path)			
> 0						
	fdferw1	0	(no path)			
> 0						
	illw2	0	(no path)			
> 0						
	illw3	0	(no path)			
> 0						
	injselfr	0	(no path)			
> 0						
	illw1	0	(no path)			
> 0						
	shhlw1	0	(no path)			
> 0						
	anxagw1	.4795208	.0492084	9.74	0.000	.461651
> 3						
	anxagw2	0	(no path)			
> 0						
	shhlw3	0	(no path)			
> 0						

```

    medcow1 |          0 (no path)
> 0
    age |          0 (no path)
> 0
-----
> -
    illw2 <-
    crhrw1 |  -.1128078  .0368639  -3.06  0.002          -.178036
> 5
    crhrw2 |          0 (no path)
> 0
    crhrw3 |          0 (no path)
> 0
    fdferw1 |          0 (no path)
> 0
    illw2 |          0 (no path)
> 0
    illw3 |          0 (no path)
> 0
    injselfr |          0 (no path)
> 0
    illw1 |          0 (no path)
> 0
    shhlw1 |  .0041433  .0009456   4.38  0.000          .249766
> 7
    anxagw1 | -.0040147  .0010354  -3.88  0.000          -.255461
> 6
    anxagw2 |  .0108512  .0020118   5.39  0.000          .328115
> 7
    shhlw3 |          0 (no path)
> 0
    medcow1 |          0 (no path)
> 0
    age |  .0105603  .0025917   4.07  0.000          .218395
> 8
-----
> -
    illw3 <-
    crhrw1 | -.6852586  .0837123  -8.19  0.000          -.680523
> 3
    crhrw2 |  .6741841  .0871285   7.74  0.000          .661728
> 8
    crhrw3 |          0 (no path)
> 0
    fdferw1 |          0 (no path)
> 0
    illw2 |  .299661  .0788634   3.80  0.000          .188559
> 8
    illw3 |          0 (no path)

```



```

> 0      injselfr |           0 (no path)
> 0      medcow2  |           0 (no path)
> 0      illw1    |           0 (no path)
> 0      shhlw1   |           0 (no path)
> 0      anxagw1  |           0 (no path)
> 0      anxagw2  |           0 (no path)
> 0      shhlw3   |    .0031367    .0012402    2.53    0.011    .122354
> 3      shhlw2   |           0 (no path)
> 0      medcow1  |           0 (no path)
> 0      age      |    .0099156    .0038209    2.60    0.009    .129033
> 7
+-----+
> -
bsianx <-
> 0      crhrw1   |           0 (no path)
> 0      crhrw2   |           0 (no path)
> 0      crhrw3   |    .7669106    .1639374    4.68    0.000    .251718
> 1      fdferw1  |    .010975    .0034836    3.15    0.002    .152903
> 6      illw2    |           0 (no path)
> 0      illw3    |    .9385255    .1354536    6.93    0.000    .314394
> 1      injselfr |   -.8597707    .2773908   -3.10    0.002   -.153926
> 7      medcow2  |    .3221325    .0495757    6.50    0.000    .349836
> 5      illw1    |           0 (no path)
> 0      shhlw1   |           0 (no path)
> 0      anxagw1  |           0 (no path)
> 0      anxagw2  |           0 (no path)
> 0      shhlw3   |           0 (no path)

```

```

> 0      shhlw2 |           0 (no path)
> 0      medcow1 |  -.1877382   .0688362   -2.73   0.006           -.148713
> 6      age |           0 (no path)
> 0
-----
> -
injselfr <- |
  crhrw1 |           0 (no path)
> 0      crhrw2 |           0 (no path)
> 0      crhrw3 |  .2919037   .0464705    6.28   0.000           .535153
> 1      fdferw1 |           0 (no path)
> 0      illw2 |           0 (no path)
> 0      illw3 |           0 (no path)
> 0      injselfr |           0 (no path)
> 0      medcow2 |           0 (no path)
> 0      illw1 |           0 (no path)
> 0      shhlw1 |           0 (no path)
> 0      anxagw1 |  -.0066051   .0021142   -3.12   0.002           -.494844
> 1      anxagw2 |           0 (no path)
> 0      shhlw3 |           0 (no path)
> 0      shhlw2 |           0 (no path)
> 0      medcow1 |           0 (no path)
> 0      age |  .0118494   .0027538    4.30   0.000           .288522
> 6
-----
> -
cumdose2 <- |
  cumdose1 |  1.339358   .0368063   36.39   0.000           .892822
> 7
-----
> -

```

```

medcow2 <-
  crhrw1 |          0 (no path)
> 0
  crhrw2 |          0 (no path)
> 0
  crhrw3 |          0 (no path)
> 0
  fdferw1 |          0 (no path)
> 0
  illw2 | 1.016285   .223306   4.55   0.000           .197256
> 7
  illw3 |          0 (no path)
> 0
  injselfr |          0 (no path)
> 0
  illw1 |          0 (no path)
> 0
  shhlw1 | .0116801   .0036414   3.21   0.001           .136663
> 7
  anxagw1 |          0 (no path)
> 0
  anxagw2 | .0151701   .0074542   2.04   0.042           .089033
> 4
  medcow1 | .7744249   .0571921  13.54   0.000           .564867
> 9
  age |          0 (no path)
> 0

```

```

> -
  illw1 <-
    medcow1 | .0306305   .0087534   3.50   0.000           .187023
> 3

```

```

> -
  shhlw1 <-
    crhrw1 |          0 (no path)
> 0
    crhrw2 |          0 (no path)
> 0
    crhrw3 |          0 (no path)
> 0
    fdferw1 | .2228828   .0466116   4.78   0.000           .24437
> 4
    illw3 |          0 (no path)
> 0
    injselfr |          0 (no path)
> 0
    shhlw1 |          0 (no path)
> 0

```

> 0	anxagw1	0	(no path)			
> 0	medcow1	0	(no path)			
> 8	age	.3779554	.119106	3.17	0.002	.129663
> -						
> 0	anxagw1 <- crhrw1	0	(no path)			
> 0	crhrw2	0	(no path)			
> 0	crhrw3	0	(no path)			
> 0	fdferw1	0	(no path)			
> 0	illw2	0	(no path)			
> 0	illw3	0	(no path)			
> 2	injselfr	50.14168	8.108925	6.18	0.000	.66928
> 0	illw1	0	(no path)			
> 5	shhlw1	.2173994	.0606841	3.58	0.000	.205955
> 0	anxagw1	0	(no path)			
> 0	anxagw2	0	(no path)			
> 0	shhlw3	0	(no path)			
> 0	shhlw2	0	(no path)			
> 0	medcow1	0	(no path)			
> 0	age	0	(no path)			
> -						
> 0	anxagw2 <- crhrw1	0	(no path)			
> 0	crhrw2	0	(no path)			
> 0	crhrw3	0	(no path)			
> 0	fdferw1	0	(no path)			

```

> 0      illw2 |          0 (no path)
> 0      illw3 |          0 (no path)
> 0    injselfr |          0 (no path)
> 0      illw1 | 11.11178  2.192092   5.07  0.000      .226174
> 9      shhlw1 |          0 (no path)
> 0    anxagw1 | .2363291  .0213617  11.06  0.000      .497327
> 5    anxagw2 |          0 (no path)
> 0      shhlw3 |          0 (no path)
> 0    medcow1 |          0 (no path)
> 0      age   |          0 (no path)
> 0
+-----+
> -
shhlw3 <-
> 0      crhrw1 |          0 (no path)
> 0      crhrw2 |          0 (no path)
> 0      crhrw3 |          0 (no path)
> 0    fdferw1 |          0 (no path)
> 0      illw2 |          0 (no path)
> 0      illw3 |          0 (no path)
> 0    injselfr |          0 (no path)
> 0    medcow2 |          0 (no path)
> 0      illw1 |          0 (no path)
> 0      shhlw1 | .1911269  .0589682   3.24  0.001      .185861
> 2    anxagw1 | .1826757  .0457462   3.99  0.000      .187513
> 5    anxagw2 |          0 (no path)
> 0      shhlw3 |          0 (no path)

```

```

> 0      shhlw2 |      .3528602      .0509306      6.93      0.000      .383379
> 9      medcow1 |              0      (no path)
> 0      age |              0      (no path)
> 0
-----
> -
medcow3 <-
  crhrw1 |              0      (no path)
> 0      crhrw2 |              0      (no path)
> 0      crhrw3 |              0      (no path)
> 0      fdferw1 |              0      (no path)
> 0      illw2 |              0      (no path)
> 0      illw3 |      .5579917      .152083      3.67      0.000      .150058
> 3      injselfr |              0      (no path)
> 0      medcow2 |      .712216      .0469156      15.18      0.000      .620935
> 4      illw1 |              0      (no path)
> 0      shhlw1 |              0      (no path)
> 0      anxagw1 |              0      (no path)
> 0      anxagw2 |              0      (no path)
> 0      shhlw3 |              0      (no path)
> 0      shhlw2 |              0      (no path)
> 0      medcow1 |              0      (no path)
> 0      age |              0      (no path)
> 0
-----
> -
shhlw2 <-
  crhrw1 |              0      (no path)
> 0      crhrw2 |              0      (no path)
> 0

```

```

      crhrw3 |          0 (no path)
> 0
      fdferw1 |          0 (no path)
> 0
      illw2 |          0 (no path)
> 0
      illw3 |          0 (no path)
> 0
      injselfr | -9.855634   3.608025   -2.73   0.006          -.124285
> 3
      medcow2 | -1.195185   .5459845   -2.19   0.029          -.09142
> 6
      illw1 |          0 (no path)
> 0
      shhlw1 |   1.509394   .2378408    6.35   0.000          1.35096
> 1
      anxagw1 |          0 (no path)
> 0
      anxagw2 |          0 (no path)
> 0
      shhlw3 |          0 (no path)
> 0
      shhlw2 |          0 (no path)
> 0
      medcow1 |          0 (no path)
> 0
      age |          0 (no path)
> 0

```

```

> -

```

Indirect effects

```

> -

```

	Coef.	OIM Std. Err.	z	P> z	Std. Coef
> .					
> -					
Structural					
crhrw1 <-					
crhrw1	.0227313	.0038682	5.88	0.000	.022731
> 3					
crhrw3	.0098502	.0015681	6.28	0.000	.009718
> 5					
fdferw1	.0018606	.0003891	4.78	0.000	.077919
> 6					
injselfr	.0337448	.0054581	6.18	0.000	.018160

```

> 2      shhlw1 | .0003419 .0000523 6.54 0.000 .013058
> 4      anxagw1 | .0006731 .0001129 5.96 0.000 .027138
> 5      medcow1 | .0017669 .0006419 2.75 0.006 .004207
> 3      age | .0040157 .001191 3.37 0.001 .052620
> 7

```

```

> -
crhrw2 <-
  crhrw1 | -.0049865 .0110797 -0.45 0.653 -.005045
> 3      crhrw2 | .014598 .0004186 34.88 0.000 .01459
> 8      crhrw3 | .013995 .002228 6.28 0.000 .013970
> 6      fdferw1 | .0018862 .0003945 4.78 0.000 .079922
> 5      illw2 | 0 (no path)
> 0      illw3 | .0007327 .0002343 3.13 0.002 .000746
> 5      injselfr | .047944 .0077548 6.18 0.000 .026105
> 7      illw1 | .072897 .0139012 5.24 0.000 .028763
> 2      shhlw1 | .0084627 .0011852 7.14 0.000 .3270
> 5      anxagw1 | .0009563 .0003625 2.64 0.008 .039012
> 1      anxagw2 | .003091 .000565 5.47 0.000 .059918
> 4      medcow1 | .0735505 .0176134 4.18 0.000 .17719
> 6      age | .0232573 .0036246 6.42 0.000 .308350
> 3

```

```

> -
crhrw3 <-
  crhrw1 | .8840963 .0697059 12.68 0.000 .896079
> 5      crhrw2 | .049527 .004642 10.67 0.000 .049613
> 8      crhrw3 | .0136427 .0021719 6.28 0.000 .013642
> 7      fdferw1 | .0017959 .0003756 4.78 0.000 .076232
> 2

```


> 2	illw2	.3079166	.0522755	5.89	0.000	.197747
> 0	illw3	0	(no path)			
> 3	injselfr	.0467369	.0076559	6.10	0.000	.02549
> 3	medcow2	-.0000702	.0000321	-2.19	0.029	-.000232
> 7	illw1	.2662899	.0813164	3.27	0.001	.105254
> 8	shhlw1	.0080578	.0010942	7.36	0.000	.311948
> 9	anxagw1	.0009436	.0003888	2.43	0.015	.038561
> 3	anxagw2	.0067572	.0019208	3.52	0.000	.131218
> 7	shhlw3	.0001665	.0000658	2.53	0.011	.00662
> 7	shhlw2	.0000587	8.48e-06	6.93	0.000	.002540
> 8	medcow1	.0680029	.0162436	4.19	0.000	.164117
> 8	age	.022422	.0034382	6.52	0.000	.297795
> -						
> 5	fdferw1 <- crhrw1	4.658488	.4217205	11.05	0.000	.111236
> 6	crhrw2	5.758077	.1651057	34.88	0.000	.135891
> 1	crhrw3	5.520247	.8788124	6.28	0.000	.13005
> 1	fdferw1	.0427031	.0089305	4.78	0.000	.042703
> 1	illw2	1.676898	.2846896	5.89	0.000	.025371
> 1	illw3	.2890099	.092415	3.13	0.002	.006949
> 5	injselfr	18.91119	3.058838	6.18	0.000	.243016
> 2	illw1	1.450201	.442845	3.27	0.001	.013504
> 9	shhlw1	.1915944	.0292889	6.54	0.000	.174744
> 5	anxagw1	-.1023029	.040205	-2.54	0.011	-.098490
> 4	anxagw2	.0367995	.0104605	3.52	0.000	.016835

```

      shhlw3 |      .0009065      .0003584      2.53      0.011              .000850
> 2
      medcow1 |      .9902191      .2980174      3.32      0.001              .056300
> 9
      age |      .5546984      .0930725      5.96      0.000              .173562
> 8
-----
> -
      illw2 <-
      crhrw1 |     -.0043334      .0016161      -2.68      0.007              -.006839
> 2
      crhrw2 |     -.0130049      .0003729     -34.88      0.000              -.020285
> 6
      crhrw3 |     -.0124677      .0019848      -6.28      0.000              -.019413
> 8
      fdferw1 |      .0006693      .00014      4.78      0.000              .044239
> 7
      illw2 |     -.0037873      .000643      -5.89      0.000              -.003787
> 3
      illw3 |     -.0006527      .0002087      -3.13      0.002              -.001037
> 3
      injselfr |     -.0427118      .0069085      -6.18      0.000              -.03627
> 7
      illw1 |      .1173009      .0236276      4.96      0.000              .072195
> 6
      shhlw1 |     -.0011402      .0001642      -6.94      0.000              -.068734
> 1
      anxagw1 |      .0031627      .0002462     12.85      0.000              .201249
> 6
      anxagw2 |     -.0000831      .0000236      -3.52      0.000              -.002513
> 2
      shhlw3 |     -2.05e-06      8.10e-07      -2.53      0.011              -.000126
> 9
      medcow1 |     -.0051061      .0037854      -1.35      0.177              -.019188
> 5
      age |     -.0016026      .0010577      -1.52      0.130              -.03314
> 3
-----
> -
      illw3 <-
      crhrw1 |      .5564169      .0475396     11.70      0.000              .552571
> 9
      crhrw2 |      .0060263      .0001728     34.88      0.000              .00591
> 5
      crhrw3 |      .0057774      .0009198      6.28      0.000              .005660
> 8
      fdferw1 |      .0007516      .0001572      4.78      0.000              .031256
> 9
      illw2 |      .1866555      .0335189      5.57      0.000              .117451

```

```

> 8      illw3 |      .0003025      .0000967      3.13      0.002      .000302
> 5      injselfr |      .0197921      .0063886      3.10      0.002      .010577
> 8      medcow2 |     -.0013233      .0006045     -2.19      0.029     -.004289
> 9      illw1 |      .2058518      .0539561      3.82      0.000      .079722
> 9      shhlw1 |      .003372      .0005817      5.80      0.000      .12790
> 6      anxagw1 |      .0006123      .0005603      1.09      0.274      .024518
> 2      anxagw2 |      .0074554      .0015276      4.88      0.000      .14185
> 2      shhlw3 |              0      (no path)
> 0      shhlw2 |      .0011072      .0001598      6.93      0.000      .046922
> 4      medcow1 |     -.0042882      .0066564     -0.64      0.519     -.010140
> 1      age |      .0042443      .0021332      1.99      0.047      .055232
> 5
-----
> -
bsianx <-
> 4      crhrw1 |      .4711283      .1294277      3.64      0.000      .156731
> 4      crhrw2 |      1.328548      .0871091     15.25      0.000      .436824
> 5      crhrw3 |     -.0998412      .0158945     -6.28      0.000     -.032770
> 2      fdferw1 |      .0035885      .0007505      4.78      0.000      .049994
> 7      illw2 |      .9847889      .1238237      7.95      0.000      .207582
> 2      illw3 |      .0349241      .0111675      3.13      0.002      .011699
> 1      injselfr |      .5177359      .0855538      6.05      0.000      .092691
> 5      medcow2 |     -.0012877      .0005883     -2.19      0.029     -.001398
> 5      illw1 |      .4607905      .1094249      4.21      0.000      .059780
> 6      shhlw1 |      .0161003      .0018131      8.88      0.000      .204582
> 9      anxagw1 |      .0105372      .0014673      7.18      0.000      .141334
> 4      anxagw2 |      .019847      .0038596      5.14      0.000      .126

```

```

> 5      shhlw3 | .0030535 .0012073 2.53 0.011 .039898
> 9      shhlw2 | .0010774 .0001555 6.93 0.000 .015296
> 4      medcow1 | .2975738 .0453993 6.55 0.000 .235718
> 1      age | .0308723 .006669 4.63 0.000 .134580
> 7
-----
> -
injselfr <-
  crhrw1 | .1737988 .0164124 10.59 0.000 .322947
> 6      crhrw2 | .2304637 .0066083 34.88 0.000 .423253
> 8      crhrw3 | -.0709591 .0112965 -6.28 0.000 -.130090
> 8      fdferw1 | .0001431 .0000299 4.78 0.000 .01113
> 8      illw2 | .0671169 .0113945 5.89 0.000 .079021
> 9      illw3 | .0115675 .0036989 3.13 0.002 .021643
> 9      injselfr | -.2430907 .0392921 -6.19 0.000 -.243090
> 7      medcow2 | -.0000153 6.99e-06 -2.19 0.029 -.000092
> 8      illw1 | .0580435 .0177246 3.27 0.001 .042060
> 9      shhlw1 | .0006422 .0003622 1.77 0.076 .045577
> 5      anxagw1 | .0017595 .0005102 3.45 0.001 .131821
> 4      anxagw2 | .0014729 .0004187 3.52 0.000 .052436
> 2      shhlw3 | .0000363 .0000143 2.53 0.011 .002648
> 2      shhlw2 | .0000128 1.85e-06 6.93 0.000 .001015
> 3      medcow1 | .0146736 .0039466 3.72 0.000 .064923
> 8      age | .0014276 .0018589 0.77 0.443 .034760
> 6
-----
> -
cumdose2 <-
  cumdose1 | 0 (no path)
> 0

```

```

> -----
> -
medcow2 <-
  crhrw1 | -.0524295 .0387626 -1.35 0.176 -.016060
> 6
  crhrw2 | .0442028 .0012675 34.88 0.000 .013382
> 9
  crhrw3 | .0423771 .0067463 6.28 0.000 .012807
> 7
  fdferw1 | .0036016 .0007532 4.78 0.000 .046203
> 6
  illw2 | 0 (no path)
> 0
  illw3 | .0022186 .0007094 3.13 0.002 .000684
> 4
  injselfr | .1451748 .0234817 6.18 0.000 .023932
> 7
  illw1 | .302239 .0581355 5.20 0.000 .036105
> 8
  shhlw1 | .0044789 .0009901 4.52 0.000 .052405
> 4
  anxagw1 | .0028958 .0013084 2.21 0.027 .035764
> 8
  anxagw2 | .0113104 .0020723 5.46 0.000 .06638
> 1
  medcow1 | .0053617 .0062602 0.86 0.392 .003910
> 8
  age | .0177399 .0040945 4.33 0.000 .071208
> 9
> -----
> -
illw1 <-
  medcow1 | 0 (no path)
> 0
> -----
> -
shhlw1 <-
  crhrw1 | 2.839315 .4831629 5.88 0.000 .074335
> 1
  crhrw2 | 1.283377 .0367992 34.88 0.000 .033208
> 4
  crhrw3 | 1.230368 .1958722 6.28 0.000 .031781
> 1
  fdferw1 | .0095178 .0019905 4.78 0.000 .010435
> 5
  illw3 | .0644154 .0205977 3.13 0.002 .001698
> 2
  injselfr | 4.214979 .6817625 6.18 0.000 .059386
> 9

```

> 1	shhlw1		.0427031	.006528	6.54	0.000		.042703
> 1	anxagw1		.0840754	.0141057	5.96	0.000		.088747
> 5	medcow1		.2207028	.0786825	2.80	0.005		.013758
> 2	age		.1236327	.033455	3.70	0.000		.042414
> -								
> 7	anxagw1 <- crhrw1		9.331827	.8542619	10.92	0.000		.231452
> 6	crhrw2		11.83484	.3393493	34.88	0.000		.290115
> 4	crhrw3		11.34602	1.806263	6.28	0.000		.277646
> 9	fdferw1		.0577004	.0120669	4.78	0.000		.059933
> 8	illw2		3.446606	.5851357	5.89	0.000		.054164
> 6	illw3		.5940154	.1899448	3.13	0.002		.014835
> 2	injselr		-11.27264	1.821956	-6.19	0.000		-.150465
> 3	illw1		2.980665	.9101997	3.27	0.001		.028830
> 2	shhlw1		.0414828	.017829	2.33	0.020		.039299
> 6	anxagw1		-.2246866	.0826607	-2.72	0.007		-.224686
> 9	anxagw2		.0756357	.0215	3.52	0.000		.035941
> 2	shhlw3		.0018633	.0007367	2.53	0.011		.001815
> 9	shhlw2		.0006575	.0000949	6.93	0.000		.000695
> 6	medcow1		.7837405	.2335052	3.36	0.001		.04628
> 8	age		.7747767	.132657	5.84	0.000		.25180
> -								
> 8	anxagw2 <- crhrw1		2.205382	.2018869	10.92	0.000		.115107
> 5	crhrw2		2.796917	.0801981	34.88	0.000		.144282
	crhrw3		2.681394	.4268726	6.28	0.000		.138081

```

> 2      fdferw1 |      .0136363      .0028518      4.78      0.000      .029806
> 8      illw2   |      .8145333      .1382846      5.89      0.000      .026937
> 7      illw3   |      .1403831      .0448895      3.13      0.002      .007378
> 1      injselfr |      9.185884      1.485794      6.18      0.000      .258021
> 9      illw1   |      .7044179      .2151067      3.27      0.001      .014338
> 1      shhlw1  |      .0611814      .0117231      5.22      0.000      .121971
> 9      anxagw1 |      -.0531      .0195351      -2.72      0.007      -.111742
> 8      anxagw2 |      .0178749      .0050811      3.52      0.000      .017874
> 9      shhlw3  |      .0004403      .0001741      2.53      0.011      .000902
> 7      medcow1 |      .52558      .1357853      3.87      0.000      .065319
> 3      age     |      .1831023      .0352133      5.20      0.000      .125231
> 1
-----
> -
shhlw3 <-
  crhrw1 |      3.177299      .3975758      7.99      0.000      .08089
> 2      crhrw2 |      2.270642      .0651078      34.88      0.000      .057135
> 9      crhrw3 |      2.176856      .3465512      6.28      0.000      .054680
> 2      fdferw1 |      .1767196      .0369574      4.78      0.000      .188421
> 2      illw2   |      .2326675      .1465572      1.59      0.112      .003753
> 3      illw3   |      .1139683      .036443      3.13      0.002      .002921
> 7      injselfr |      7.457446      2.184708      3.41      0.001      .102176
> 8      medcow2 |      -.4218841      .1927251      -2.19      0.029      -.035063
> 4      illw1   |      .4491037      .1719388      2.61      0.009      .00445
> 9      shhlw1  |      .6017541      .0882698      6.82      0.000      .585175
> 1      anxagw1 |      .0354332      .0175688      2.02      0.044      .036371
> 6      anxagw2 |      .003463      .0050315      0.69      0.491      .001689

```

```

> 2      shhlw3 |      .0003575      .0001413      2.53      0.011      .000357
> 5      shhlw2 |              0      (no path)
> 0      medcow1 |     -.0769918      .1799125      -0.43      0.669      -.004667
> 4      age |      .4508938      .0971607      4.64      0.000      .150424
> 7
-----
> -
medcow3 <-
  crhrw1 |     -.1092338      .0656826      -1.66      0.096      -.029172
> 8      crhrw2 |      .4110337      .0487811      8.43      0.000      .108495
> 4      crhrw3 |      .0334054      .0053181      6.28      0.000      .008802
> 2      fdferw1 |      .0029845      .0006241      4.78      0.000      .033379
> 8      illw2 |      1.004343      .166145      6.04      0.000      .169954
> 7      illw3 |              0      (no path)
> 0      injselfr |      .1144396      .0196337      5.83      0.000      .01644
> 8      medcow2 |     -.0007405      .0003383      -2.19      0.029      -.000645
> 6      illw1 |      .330123      .0592074      5.58      0.000      .034382
> 4      shhlw1 |      .0133902      .0027732      4.83      0.000      .136593
> 1      anxagw1 |      .0024041      .0012302      1.95      0.051      .025886
> 8      anxagw2 |      .0230199      .0057205      4.02      0.000      .117788
> 4      shhlw3 |      .0017558      .0006942      2.53      0.011      .018417
> 8      shhlw2 |      .0006195      .0000894      6.93      0.000      .00706
> 1      medcow1 |      .5529837      .0549577      10.06      0.000      .351653
> 2      age |      .0205357      .0046114      4.45      0.000      .071866
> 8
-----
> -
shhlw2 <-
  crhrw1 |      2.635409      .701061      3.76      0.000      .061754
> 5

```



```

> 6   crhrw2 |  -.3870757   .0110989  -34.88   0.000           -.008964
> 3   crhrw3 |  -.371088    .0590765   -6.28    0.000           -.008579
> 1   fdferw1 |  .3450688    .0721644    4.78     0.000           .338629
> 1   illw2   | -1.327375    .2675713   -4.96    0.000           -.019708
> 1   illw3   | -.0194281    .0062124   -3.13    0.002           -.000458
> 4   injselfr |  8.584366    1.388231    6.18     0.000           .108253
> 9   medcow2 |              0 (no path)
> 0   illw1   |  -.445413    .0795713   -5.60    0.000           -.004070
> 3   shhlw1  |  .0388138    .0120604    3.22     0.001           .034739
> 7   anxagw1 |  .171198     .0174603    9.80     0.000           .161742
> 3   anxagw2 |  -.0337852    .0093254   -3.62     0.000           -.015167
> 9   shhlw3  |  -.0000609    .0000241   -2.53     0.011           -.000056
> 1   shhlw2  |  -.0000215    3.10e-06   -6.93     0.000           -.000021
> 5   medcow1 |  -.7434798    .4354399   -1.71     0.088           -.041483
> 1   age     |  .6050381    .1648293    3.67     0.000           .185780
> 9
> -

```

Total effects

```

> -
> .
> -
Structural
  crhrw1 <-
    crhrw1 |  .0227313   .0038682    5.88    0.000           .022731
> 3   crhrw3 |  .0098502   .0015681    6.28    0.000           .009718
> 5   fdferw1 |  .0018606   .0003891    4.78    0.000           .077919

```

```

> 6      injselfr |      .0337448      .0054581      6.18      0.000      .018160
> 2      shhlw1 |      .0083478      .0013299      6.28      0.000      .318853
> 9      anxagw1 |      .0006731      .0001129      5.96      0.000      .027138
> 5      medcow1 |      .0760343      .0202284      3.76      0.000      .181046
> 8      age |      .0226688      .0037812      6.00      0.000      .29704
> 8
-----
> -
crhrw2 <-
crhrw1 |      .8857076      .0666996      13.28      0.000      .896143
> 2      crhrw2 |      .014598      .0004186      34.88      0.000      .01459
> 8      crhrw3 |      .013995      .002228      6.28      0.000      .013970
> 6      fdferw1 |      .0018862      .0003945      4.78      0.000      .079922
> 5      illw2 |      .2805036      .0499947      5.61      0.000      .179827
> 3      illw3 |      .0007327      .0002343      3.13      0.002      .000746
> 5      injselfr |      .047944      .0077548      6.18      0.000      .026105
> 7      illw1 |      .2537375      .0779684      3.25      0.001      .100117
> 9      shhlw1 |      .0084627      .0011852      7.14      0.000      .3270
> 5      anxagw1 |      .0009563      .0003625      2.64      0.008      .039012
> 1      anxagw2 |      .0063228      .0018335      3.45      0.001      .122566
> 8      medcow1 |      .0735505      .0176134      4.18      0.000      .17719
> 6      age |      .0232573      .0036246      6.42      0.000      .308350
> 3
-----
> -
crhrw3 <-
crhrw1 |      .8065546      .0754524      10.69      0.000      .817486
> 8      crhrw2 |      1.057314      .0303172      34.88      0.000      1.05916
> 6      crhrw3 |      .0136427      .0021719      6.28      0.000      .013642
> 7

```

> 2	fdferw1		.0017959	.0003756	4.78	0.000		.076232
> 2	illw2		.3079166	.0522755	5.89	0.000		.197747
> 2	illw3		.0530688	.0169695	3.13	0.002		.054162
> 4	injselr		.0467369	.0076559	6.10	0.000		.02549
> 3	medcow2		-.0000702	.0000321	-2.19	0.029		-.000232
> 3	illw1		.2662899	.0813164	3.27	0.001		.105254
> 7	shhlw1		.0080578	.0010942	7.36	0.000		.311948
> 8	anxagw1		.0009436	.0003888	2.43	0.015		.038561
> 9	anxagw2		.0067572	.0019208	3.52	0.000		.131218
> 3	shhlw3		.0001665	.0000658	2.53	0.011		.00662
> 7	shhlw2		.0000587	8.48e-06	6.93	0.000		.002540
> 7	medcow1		.0680029	.0162436	4.19	0.000		.164117
> 8	age		.022422	.0034382	6.52	0.000		.297795
> 8								
> -								
> -	fdferw1 <-							
> 9	crhrw1		12.73905	2.167789	5.88	0.000		.304185
> 9	crhrw2		5.758077	.1651057	34.88	0.000		.135891
> 6	crhrw3		5.520247	.8788124	6.28	0.000		.13005
> 1	fdferw1		.0427031	.0089305	4.78	0.000		.042703
> 1	illw2		1.676898	.2846896	5.89	0.000		.025371
> 1	illw3		.2890099	.092415	3.13	0.002		.006949
> 1	injselr		18.91119	3.058838	6.18	0.000		.243016
> 5	illw1		1.450201	.442845	3.27	0.001		.013504
> 2	shhlw1		.1915944	.0292889	6.54	0.000		.174744
> 9	anxagw1		.3772179	.0632876	5.96	0.000		.363160
> 8								

> 4	anxagw2	.0367995	.0104605	3.52	0.000	.016835
> 2	shhlw3	.0009065	.0003584	2.53	0.011	.000850
> 9	medcow1	.9902191	.2980174	3.32	0.001	.056300
> 8	age	.5546984	.0930725	5.96	0.000	.173562
> -						
> 7	illw2 <- crhrw1	-.1171413	.0367653	-3.19	0.001	-.184875
> 6	crhrw2	-.0130049	.0003729	-34.88	0.000	-.020285
> 8	crhrw3	-.0124677	.0019848	-6.28	0.000	-.019413
> 7	fdferw1	.0006693	.00014	4.78	0.000	.044239
> 3	illw2	-.0037873	.000643	-5.89	0.000	-.003787
> 3	illw3	-.0006527	.0002087	-3.13	0.002	-.001037
> 7	injselr	-.0427118	.0069085	-6.18	0.000	-.03627
> 6	illw1	.1173009	.0236276	4.96	0.000	.072195
> 6	shhlw1	.0030031	.0009557	3.14	0.002	.181032
> 2	anxagw1	-.000852	.0010574	-0.81	0.420	-.05421
> 6	anxagw2	.0107681	.0020042	5.37	0.000	.325602
> 9	shhlw3	-2.05e-06	8.10e-07	-2.53	0.011	-.000126
> 5	medcow1	-.0051061	.0037854	-1.35	0.177	-.019188
> 7	age	.0089577	.0024808	3.61	0.000	.185252
> -						
> 4	illw3 <- crhrw1	-.1288417	.0962899	-1.34	0.181	-.127951
> 7	crhrw2	.6802104	.0871553	7.80	0.000	.667643
> 8	crhrw3	.0057774	.0009198	6.28	0.000	.005660
	fdferw1	.0007516	.0001572	4.78	0.000	.031256

```

> 9      illw2 |      .4863165      .0857743      5.67      0.000      .306011
> 5      illw3 |      .0003025      .0000967      3.13      0.002      .000302
> 5      injselfr |      .0197921      .0063886      3.10      0.002      .010577
> 8      medcow2 |     -.0013233      .0006045      -2.19      0.029     -.004289
> 9      illw1 |      .2058518      .0539561      3.82      0.000      .079722
> 9      shhlw1 |      .003372      .0005817      5.80      0.000      .12790
> 6      anxagw1 |      .0006123      .0005603      1.09      0.274      .024518
> 2      anxagw2 |      .0074554      .0015276      4.88      0.000      .14185
> 2      shhlw3 |      .0031377      .0012406      2.53      0.011      .122391
> 3      shhlw2 |      .0011072      .0001598      6.93      0.000      .046922
> 4      medcow1 |     -.0042882      .0066564      -0.64      0.519     -.010140
> 1      age |      .0141599      .0038632      3.67      0.000      .184266
> 2
-----
> -
bsianx <-
> 4      crhrw1 |      .4711283      .1294277      3.64      0.000      .156731
> 5      crhrw2 |      1.328548      .0871091     15.25      0.000      .436824
> 9      crhrw3 |      .6670694      .1647062      4.05      0.000      .218947
> 3      fdferw1 |      .0145634      .0035635      4.09      0.000      .202898
> 2      illw2 |      .9847889      .1238237      7.95      0.000      .207582
> 2      illw3 |      .9734496      .1359132      7.16      0.000      .326093
> 2      injselfr |     -.3420347      .2902846     -1.18      0.239     -.061235
> 3      medcow2 |      .3208447      .0495792      6.47      0.000      .34843
> 8      illw1 |      .4607905      .1094249      4.21      0.000      .059780
> 6      shhlw1 |      .0161003      .0018131      8.88      0.000      .204582
> 9      anxagw1 |      .0105372      .0014673      7.18      0.000      .141334

```

```

> 4      anxagw2 |      .019847      .0038596      5.14      0.000              .126
> 5      shhlw3 |      .0030535      .0012073      2.53      0.011              .039898
> 9      shhlw2 |      .0010774      .0001555      6.93      0.000              .015296
> 4      medcow1 |      .1098357      .0591888      1.86      0.063              .087004
> 5      age |      .0308723      .006669      4.63      0.000              .134580
> 7
-----
> -
  injselfr <- |
    crhrw1 |      .1737988      .0164124      10.59      0.000              .322947
> 6      crhrw2 |      .2304637      .0066083      34.88      0.000              .423253
> 8      crhrw3 |      .2209446      .0351739      6.28      0.000              .405062
> 3      fdferw1 |      .0001431      .0000299      4.78      0.000              .01113
> 8      illw2 |      .0671169      .0113945      5.89      0.000              .079021
> 9      illw3 |      .0115675      .0036989      3.13      0.002              .021643
> 9      injselfr |     -.2430907      .0392921      -6.19      0.000              -.243090
> 7      medcow2 |     -.0000153      6.99e-06      -2.19      0.029              -.000092
> 8      illw1 |      .0580435      .0177246      3.27      0.001              .042060
> 9      shhlw1 |      .0006422      .0003622      1.77      0.076              .045577
> 5      anxagw1 |     -.0048456      .0016117      -3.01      0.003              -.363022
> 7      anxagw2 |      .0014729      .0004187      3.52      0.000              .052436
> 2      shhlw3 |      .0000363      .0000143      2.53      0.011              .002648
> 2      shhlw2 |      .0000128      1.85e-06      6.93      0.000              .001015
> 3      medcow1 |      .0146736      .0039466      3.72      0.000              .064923
> 8      age |      .013277      .001993      6.66      0.000              .323283
> 2
-----
> -
  cumdose2 <- |

```

```

      cumdose1 |    1.339358    .0368063    36.39    0.000                .892822
> 7
-----
> -
      medcow2 <-
      crhrw1 |   -.0524295    .0387626    -1.35    0.176                -.016060
> 6
      crhrw2 |    .0442028    .0012675    34.88    0.000                .013382
> 9
      crhrw3 |    .0423771    .0067463     6.28    0.000                .012807
> 7
      fdferw1 |    .0036016    .0007532     4.78    0.000                .046203
> 6
      illw2 |    1.029158    .223316     4.61    0.000                .199755
> 3
      illw3 |    .0022186    .0007094     3.13    0.002                .000684
> 4
      injselfr |    .1451748    .0234817     6.18    0.000                .023932
> 7
      illw1 |    .302239    .0581355     5.20    0.000                .036105
> 8
      shhlw1 |    .016159    .0037736     4.28    0.000                .189069
> 1
      anxagw1 |    .0028958    .0013084     2.21    0.027                .035764
> 8
      anxagw2 |    .0264805    .0077369     3.42    0.001                .155414
> 4
      medcow1 |    .7797866    .0571344    13.65    0.000                .568778
> 7
      age |    .0177399    .0040945     4.33    0.000                .071208
> 9
-----
> -
      illw1 <-
      medcow1 |    .0306305    .0087534     3.50    0.000                .187023
> 3
-----
> -
      shhlw1 <-
      crhrw1 |    2.839315    .4831629     5.88    0.000                .074335
> 1
      crhrw2 |    1.283377    .0367992    34.88    0.000                .033208
> 4
      crhrw3 |    1.230368    .1958722     6.28    0.000                .031781
> 1
      fdferw1 |    .2324006    .048602     4.78    0.000                .254809
> 5
      illw3 |    .0644154    .0205977     3.13    0.002                .001698
> 2

```

> 9	injselfr	4.214979	.6817625	6.18	0.000	.059386
> 1	shhlw1	.0427031	.006528	6.54	0.000	.042703
> 1	anxagw1	.0840754	.0141057	5.96	0.000	.088747
> 5	medcow1	.2207028	.0786825	2.80	0.005	.013758
> 8	age	.5015882	.1320187	3.80	0.000	.17207
> -						
> 7	anxagw1 <- crhrw1	9.331827	.8542619	10.92	0.000	.231452
> 6	crhrw2	11.83484	.3393493	34.88	0.000	.290115
> 4	crhrw3	11.34602	1.806263	6.28	0.000	.277646
> 9	fdferw1	.0577004	.0120669	4.78	0.000	.059933
> 8	illw2	3.446606	.5851357	5.89	0.000	.054164
> 6	illw3	.5940154	.1899448	3.13	0.002	.014835
> 8	injselfr	38.86904	6.286971	6.18	0.000	.518816
> 3	illw1	2.980665	.9101997	3.27	0.001	.028830
> 7	shhlw1	.2588823	.0496049	5.22	0.000	.245254
> 6	anxagw1	-.2246866	.0826607	-2.72	0.007	-.224686
> 9	anxagw2	.0756357	.0215	3.52	0.000	.035941
> 2	shhlw3	.0018633	.0007367	2.53	0.011	.001815
> 9	shhlw2	.0006575	.0000949	6.93	0.000	.000695
> 6	medcow1	.7837405	.2335052	3.36	0.001	.04628
> 8	age	.7747767	.132657	5.84	0.000	.25180
> -						
> 8	anxagw2 <- crhrw1	2.205382	.2018869	10.92	0.000	.115107
	crhrw2	2.796917	.0801981	34.88	0.000	.144282


```

> 5      crhrw3 |    2.681394    .4268726    6.28    0.000          .138081
> 2      fdferw1 |    .0136363    .0028518    4.78    0.000          .029806
> 8      illw2   |    .8145333    .1382846    5.89    0.000          .026937
> 7      illw3   |    .1403831    .0448895    3.13    0.002          .007378
> 1     injselfr |    9.185884    1.485794    6.18    0.000          .258021
> 9      illw1   |   11.81619    2.240754    5.27    0.000          .240512
> 9      shhlw1  |    .0611814    .0117231    5.22    0.000          .121971
> 9      anxagw1 |    .1832291    .0298889    6.13    0.000          .385584
> 7      anxagw2 |    .0178749    .0050811    3.52    0.000          .017874
> 9      shhlw3  |    .0004403    .0001741    2.53    0.011          .000902
> 7      medcow1 |     .52558    .1357853    3.87    0.000          .065319
> 3      age     |    .1831023    .0352133    5.20    0.000          .125231
> 1
-----
> -
shhlw3 <-
> 2      crhrw1  |    3.177299    .3975758    7.99    0.000          .08089
> 2      crhrw2  |    2.270642    .0651078   34.88    0.000          .057135
> 9      crhrw3  |    2.176856    .3465512    6.28    0.000          .054680
> 2      fdferw1 |    .1767196    .0369574    4.78    0.000          .188421
> 2      illw2   |    .2326675    .1465572    1.59    0.112          .003753
> 3      illw3   |    .1139683    .036443    3.13    0.002          .002921
> 7     injselfr |    7.457446    2.184708    3.41    0.001          .102176
> 8      medcow2 |   -.4218841    .1927251   -2.19    0.029         -.035063
> 4      illw1   |    .4491037    .1719388    2.61    0.009          .00445
> 9      shhlw1  |    .792881    .1061706    7.47    0.000          .771036
> 2      anxagw1 |    .218109    .0490679    4.45    0.000          .223885

```

```

> 1      anxagw2 |      .003463      .0050315      0.69      0.491      .001689
> 2      shhlw3 |      .0003575      .0001413      2.53      0.011      .000357
> 5      shhlw2 |      .3529864      .0509488      6.93      0.000      .38351
> 7      medcow1 |     -.0769918      .1799125      -0.43      0.669      -.004667
> 4      age |      .4508938      .0971607      4.64      0.000      .150424
> 7
-----
> -
medcow3 <-
  crhrw1 |     -.1092338      .0656826      -1.66      0.096      -.029172
> 8      crhrw2 |      .4110337      .0487811      8.43      0.000      .108495
> 4      crhrw3 |      .0334054      .0053181      6.28      0.000      .008802
> 2      fdferw1 |      .0029845      .0006241      4.78      0.000      .033379
> 8      illw2 |      1.004343      .166145      6.04      0.000      .169954
> 7      illw3 |      .5597406      .1520841      3.68      0.000      .150528
> 6      injselfr |      .1144396      .0196337      5.83      0.000      .01644
> 8      medcow2 |      .7114755      .0469168      15.16      0.000      .620289
> 8      illw1 |      .330123      .0592074      5.58      0.000      .034382
> 4      shhlw1 |      .0133902      .0027732      4.83      0.000      .136593
> 1      anxagw1 |      .0024041      .0012302      1.95      0.051      .025886
> 8      anxagw2 |      .0230199      .0057205      4.02      0.000      .117788
> 4      shhlw3 |      .0017558      .0006942      2.53      0.011      .018417
> 8      shhlw2 |      .0006195      .0000894      6.93      0.000      .00706
> 1      medcow1 |      .5529837      .0549577      10.06      0.000      .351653
> 2      age |      .0205357      .0046114      4.45      0.000      .071866
> 8
-----
> -
shhlw2 <-

```

> 5	crhrw1	2.635409	.701061	3.76	0.000	.061754
> 6	crhrw2	-.3870757	.0110989	-34.88	0.000	-.008964
> 3	crhrw3	-.371088	.0590765	-6.28	0.000	-.008579
> 1	fdferw1	.3450688	.0721644	4.78	0.000	.338629
> 1	illw2	-1.327375	.2675713	-4.96	0.000	-.019708
> 4	illw3	-.0194281	.0062124	-3.13	0.002	-.000458
> 4	injselfr	-1.271269	3.872384	-0.33	0.743	-.016031
> 1	medcow2	-1.19516	.5459728	-2.19	0.029	-.091424
> 3	illw1	-.445413	.0795713	-5.60	0.000	-.004070
> 7	shhlw1	1.548207	.2406579	6.43	0.000	1.385
> 3	anxagw1	.171198	.0174603	9.80	0.000	.161742
> 9	anxagw2	-.0337852	.0093254	-3.62	0.000	-.015167
> 1	shhlw3	-.0000609	.0000241	-2.53	0.011	-.000056
> 5	shhlw2	-.0000215	3.10e-06	-6.93	0.000	-.000021
> 1	medcow1	-.7434798	.4354399	-1.71	0.088	-.041483
> 9	age	.6050381	.1648293	3.67	0.000	.185780

> -

10 . estat teffects

Direct effects

		OIM					
		Coef.	Std. Err.	z	P> z	[95% Conf. Interval	
>]							
> -							
Structural							
crhrw1 <-							
	crhrw1	0	(no path)				
	crhrw3	0	(no path)				
	fdferw1	0	(no path)				
	injselfr	0	(no path)				
	shhlw1	.0080059	.0012966	6.17	0.000	.0054645	.010547
> 3							
	anxagw1	0	(no path)				
	medcow1	.0742673	.019775	3.76	0.000	.035509	.113025
> 7							
	age	.0186532	.0036168	5.16	0.000	.0115644	.025741
> 9							
> -							
crhrw2 <-							
	crhrw1	.8906941	.0647494	13.76	0.000	.7637877	1.01760
> 1							
	crhrw2	0	(no path)				
	crhrw3	0	(no path)				
	fdferw1	0	(no path)				
	illw2	.2762522	.0492752	5.61	0.000	.1796746	.372829
> 9							
	illw3	0	(no path)				
	injselfr	0	(no path)				
	illw1	.1808405	.0756571	2.39	0.017	.0325552	.329125
> 7							
	shhlw1	0	(no path)				
	anxagw1	0	(no path)				
	anxagw2	.0032318	.0017162	1.88	0.060	-.0001318	.006595
> 4							
	medcow1	0	(no path)				
	age	0	(no path)				
> -							
crhrw3 <-							
	crhrw1	-.0775417	.0285331	-2.72	0.007	-.1334656	-.021617
> 8							
	crhrw2	1.007787	.0295513	34.10	0.000	.9498672	1.06570
> 6							
	crhrw3	0	(no path)				

	fdferw1	0	(no path)				
	illw2	0	(no path)				
	illw3	.0523545	.0167411	3.13	0.002	.0195426	.085166
> 5							
	injselfr	0	(no path)				
	medcow2	0	(no path)				
	illw1	0	(no path)				
	shhlw1	0	(no path)				
	anxagw1	0	(no path)				
	anxagw2	0	(no path)				
	shhlw3	0	(no path)				
	shhlw2	0	(no path)				
	medcow1	0	(no path)				
	age	0	(no path)				
> -							
	fdferw1 <-						
	crhrw1	8.080559	2.027968	3.98	0.000	4.105815	12.055
> 3							
	crhrw2	0	(no path)				
	crhrw3	0	(no path)				
	fdferw1	0	(no path)				
	illw2	0	(no path)				
	illw3	0	(no path)				
	injselfr	0	(no path)				
	illw1	0	(no path)				
	shhlw1	0	(no path)				
	anxagw1	.4795208	.0492084	9.74	0.000	.3830742	.575967
> 5							
	anxagw2	0	(no path)				
	shhlw3	0	(no path)				
	medcow1	0	(no path)				
	age	0	(no path)				
> -							
	illw2 <-						
	crhrw1	-.1128078	.0368639	-3.06	0.002	-.1850598	-.040555
> 9							
	crhrw2	0	(no path)				
	crhrw3	0	(no path)				
	fdferw1	0	(no path)				
	illw2	0	(no path)				
	illw3	0	(no path)				
	injselfr	0	(no path)				
	illw1	0	(no path)				
	shhlw1	.0041433	.0009456	4.38	0.000	.00229	.005996
> 6							
	anxagw1	-.0040147	.0010354	-3.88	0.000	-.006044	-.001985
> 4							

```

    anxagw2 | .0108512 .0020118 5.39 0.000 .0069082 .014794
> 3
    shhlw3 | 0 (no path)
    medcow1 | 0 (no path)
    age | .0105603 .0025917 4.07 0.000 .0054808 .015639
> 9
-----
> -
    illw3 <-
    crhrw1 | -.6852586 .0837123 -8.19 0.000 -.8493317 -.521185
> 5
    crhrw2 | .6741841 .0871285 7.74 0.000 .5034154 .844952
> 8
    crhrw3 | 0 (no path)
    fdferw1 | 0 (no path)
    illw2 | .299661 .0788634 3.80 0.000 .1450917 .454230
> 4
    illw3 | 0 (no path)
    injselfr | 0 (no path)
    medcow2 | 0 (no path)
    illw1 | 0 (no path)
    shhlw1 | 0 (no path)
    anxagw1 | 0 (no path)
    anxagw2 | 0 (no path)
    shhlw3 | .0031367 .0012402 2.53 0.011 .000706 .005567
> 5
    shhlw2 | 0 (no path)
    medcow1 | 0 (no path)
    age | .0099156 .0038209 2.60 0.009 .0024268 .017404
> 4
-----
> -
    bsianx <-
    crhrw1 | 0 (no path)
    crhrw2 | 0 (no path)
    crhrw3 | .7669106 .1639374 4.68 0.000 .4455991 1.08822
> 2
    fdferw1 | .010975 .0034836 3.15 0.002 .0041473 .017802
> 7
    illw2 | 0 (no path)
    illw3 | .9385255 .1354536 6.93 0.000 .6730413 1.2040
> 1
    injselfr | -.8597707 .2773908 -3.10 0.002 -1.403447 -.316094
> 6
    medcow2 | .3221325 .0495757 6.50 0.000 .2249659 .419299
> 1
    illw1 | 0 (no path)
    shhlw1 | 0 (no path)
    anxagw1 | 0 (no path)

```

	anxagw2	0	(no path)				
	shhlw3	0	(no path)				
	shhlw2	0	(no path)				
> 7	medcow1	-.1877382	.0688362	-2.73	0.006	-.3226547	-.052821
	age	0	(no path)				
> -							
	injselfr <-						
	crhrw1	0	(no path)				
	crhrw2	0	(no path)				
> 2	crhrw3	.2919037	.0464705	6.28	0.000	.2008232	.382984
	fdferw1	0	(no path)				
	illw2	0	(no path)				
	illw3	0	(no path)				
	injselfr	0	(no path)				
	medcow2	0	(no path)				
	illw1	0	(no path)				
	shhlw1	0	(no path)				
> 4	anxagw1	-.0066051	.0021142	-3.12	0.002	-.0107488	-.002461
	anxagw2	0	(no path)				
	shhlw3	0	(no path)				
	shhlw2	0	(no path)				
	medcow1	0	(no path)				
> 7	age	.0118494	.0027538	4.30	0.000	.0064521	.017246
> -							
	cumdose2 <-						
> 7	cumdose1	1.339358	.0368063	36.39	0.000	1.267218	1.41149
> -							
	medcow2 <-						
	crhrw1	0	(no path)				
	crhrw2	0	(no path)				
	crhrw3	0	(no path)				
	fdferw1	0	(no path)				
> 6	illw2	1.016285	.223306	4.55	0.000	.5786131	1.45395
	illw3	0	(no path)				
	injselfr	0	(no path)				
	illw1	0	(no path)				
> 2	shhlw1	.0116801	.0036414	3.21	0.001	.004543	.018817
	anxagw1	0	(no path)				
	anxagw2	.0151701	.0074542	2.04	0.042	.0005601	.029780

```

> 1      medcow1 |      .7744249      .0571921      13.54      0.000      .6623304      .886519
> 4      age     |              0 (no path)
-----
> -
  illw1 <-
    medcow1 |      .0306305      .0087534      3.50      0.000      .0134741      .047786
> 9
-----
> -
  shhlw1 <-
    crhrw1 |              0 (no path)
    crhrw2 |              0 (no path)
    crhrw3 |              0 (no path)
    fdferw1 |      .2228828      .0466116      4.78      0.000      .1315259      .314239
> 8
    illw3 |              0 (no path)
    injselfr |              0 (no path)
    shhlw1 |              0 (no path)
    anxagw1 |              0 (no path)
    medcow1 |              0 (no path)
    age     |      .3779554      .119106      3.17      0.002      .1445119      .611398
> 9
-----
> -
  anxagw1 <-
    crhrw1 |              0 (no path)
    crhrw2 |              0 (no path)
    crhrw3 |              0 (no path)
    fdferw1 |              0 (no path)
    illw2 |              0 (no path)
    illw3 |              0 (no path)
    injselfr |      50.14168      8.108925      6.18      0.000      34.24848      66.0348
> 8
    illw1 |              0 (no path)
    shhlw1 |      .2173994      .0606841      3.58      0.000      .0984607      .336338
> 2
    anxagw1 |              0 (no path)
    anxagw2 |              0 (no path)
    shhlw3 |              0 (no path)
    shhlw2 |              0 (no path)
    medcow1 |              0 (no path)
    age     |              0 (no path)
-----
> -
  anxagw2 <-
    crhrw1 |              0 (no path)
    crhrw2 |              0 (no path)

```


	crhrw3	0	(no path)				
	fdferw1	0	(no path)				
	illw2	0	(no path)				
	illw3	0	(no path)				
	injselfr	0	(no path)				
	illw1	11.11178	2.192092	5.07	0.000	6.815357	15.408
> 2							
	shhlw1	0	(no path)				
	anxagw1	.2363291	.0213617	11.06	0.000	.1944609	.278197
> 2							
	anxagw2	0	(no path)				
	shhlw3	0	(no path)				
	medcow1	0	(no path)				
	age	0	(no path)				
> -							
	shhlw3 <-						
	crhrw1	0	(no path)				
	crhrw2	0	(no path)				
	crhrw3	0	(no path)				
	fdferw1	0	(no path)				
	illw2	0	(no path)				
	illw3	0	(no path)				
	injselfr	0	(no path)				
	medcow2	0	(no path)				
	illw1	0	(no path)				
	shhlw1	.1911269	.0589682	3.24	0.001	.0755515	.306702
> 4							
	anxagw1	.1826757	.0457462	3.99	0.000	.0930147	.272336
> 7							
	anxagw2	0	(no path)				
	shhlw3	0	(no path)				
	shhlw2	.3528602	.0509306	6.93	0.000	.2530381	.452682
> 4							
	medcow1	0	(no path)				
	age	0	(no path)				
> -							
	medcow3 <-						
	crhrw1	0	(no path)				
	crhrw2	0	(no path)				
	crhrw3	0	(no path)				
	fdferw1	0	(no path)				
	illw2	0	(no path)				
	illw3	.5579917	.152083	3.67	0.000	.2599144	.85606
> 9							
	injselfr	0	(no path)				
	medcow2	.712216	.0469156	15.18	0.000	.6202631	.804168
> 9							

illw1	0	(no path)					
shhlw1	0	(no path)					
anxagw1	0	(no path)					
anxagw2	0	(no path)					
shhlw3	0	(no path)					
shhlw2	0	(no path)					
medcow1	0	(no path)					
age	0	(no path)					
> -							
shhlw2 <-							
crhrw1	0	(no path)					
crhrw2	0	(no path)					
crhrw3	0	(no path)					
fdferw1	0	(no path)					
illw2	0	(no path)					
illw3	0	(no path)					
injselfr	-9.855634	3.608025	-2.73	0.006	-16.92723	-2.78403	
> 5							
medcow2	-1.195185	.5459845	-2.19	0.029	-2.265295	-.125075	
> 4							
illw1	0	(no path)					
shhlw1	1.509394	.2378408	6.35	0.000	1.043234	1.97555	
> 3							
anxagw1	0	(no path)					
anxagw2	0	(no path)					
shhlw3	0	(no path)					
shhlw2	0	(no path)					
medcow1	0	(no path)					
age	0	(no path)					

> -

Indirect effects

> -						
	OIM					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval	
>]						
> -						
Structural						
crhrw1 <-						
crhrw1	.0227313	.0038682	5.88	0.000	.0151499	.030312
> 8						
crhrw3	.0098502	.0015681	6.28	0.000	.0067767	.012923
> 7						
fdferw1	.0018606	.0003891	4.78	0.000	.001098	.002623

```

> 2      injselfr |      .0337448      .0054581      6.18      0.000      .0230471      .044442
> 6      shhlw1 |      .0003419      .0000523      6.54      0.000      .0002394      .000444
> 3      anxagw1 |      .0006731      .0001129      5.96      0.000      .0004518      .000894
> 4      medcow1 |      .0017669      .0006419      2.75      0.006      .0005088      .003025
> 1      age |      .0040157      .001191      3.37      0.001      .0016813      .006350
> 1
-----
> -
crhrw2 <-
crhrw1 |      -.0049865      .0110797      -0.45      0.653      -.0267024      .016729
> 3      crhrw2 |      .014598      .0004186      34.88      0.000      .0137776      .015418
> 4      crhrw3 |      .013995      .002228      6.28      0.000      .0096283      .018361
> 8      fdferw1 |      .0018862      .0003945      4.78      0.000      .0011131      .002659
> 3      illw2 |              0 (no path)
      illw3 |      .0007327      .0002343      3.13      0.002      .0002735      .001191
> 9      injselfr |      .047944      .0077548      6.18      0.000      .0327448      .063143
> 2      illw1 |      .072897      .0139012      5.24      0.000      .0456511      .100142
> 9      shhlw1 |      .0084627      .0011852      7.14      0.000      .0061397      .010785
> 6      anxagw1 |      .0009563      .0003625      2.64      0.008      .0002459      .001666
> 8      anxagw2 |      .003091      .000565      5.47      0.000      .0019835      .004198
> 4      medcow1 |      .0735505      .0176134      4.18      0.000      .0390289      .108072
> 1      age |      .0232573      .0036246      6.42      0.000      .0161533      .030361
> 3
-----
> -
crhrw3 <-
crhrw1 |      .8840963      .0697059      12.68      0.000      .7474753      1.02071
> 7      crhrw2 |      .049527      .004642      10.67      0.000      .0404288      .058625
> 3      crhrw3 |      .0136427      .0021719      6.28      0.000      .0093859      .017899
> 5      fdferw1 |      .0017959      .0003756      4.78      0.000      .0010598      .002532

```

```

> 1      illw2 |      .3079166      .0522755      5.89      0.000      .2054585      .410374
> 7      illw3 |              0      (no path)
      injselfr |      .0467369      .0076559      6.10      0.000      .0317315      .061742
> 3      medcow2 |     -.0000702      .0000321      -2.19      0.029      -.0001331      -7.35e-0
> 6      illw1 |      .2662899      .0813164      3.27      0.001      .1069127      .425667
> 1      shhlw1 |      .0080578      .0010942      7.36      0.000      .0059133      .010202
> 3      anxagw1 |      .0009436      .0003888      2.43      0.015      .0001817      .001705
> 6      anxagw2 |      .0067572      .0019208      3.52      0.000      .0029925      .010521
> 9      shhlw3 |      .0001665      .0000658      2.53      0.011      .0000375      .000295
> 5      shhlw2 |      .0000587      8.48e-06      6.93      0.000      .0000421      .000075
> 4      medcow1 |      .0680029      .0162436      4.19      0.000      .0361659      .099839
> 8      age |      .022422      .0034382      6.52      0.000      .0156832      .029160
> 7
-----
> -
      fdferw1 <-
      crhrw1 |      4.658488      .4217205      11.05      0.000      3.83193      5.48504
> 5      crhrw2 |      5.758077      .1651057      34.88      0.000      5.434476      6.08167
> 9      crhrw3 |      5.520247      .8788124      6.28      0.000      3.797806      7.24268
> 8      fdferw1 |      .0427031      .0089305      4.78      0.000      .0251996      .060206
> 6      illw2 |      1.676898      .2846896      5.89      0.000      1.118917      2.2348
> 8      illw3 |      .2890099      .092415      3.13      0.002      .1078799      .4701
> 4      injselfr |      18.91119      3.058838      6.18      0.000      12.91598      24.906
> 4      illw1 |      1.450201      .442845      3.27      0.001      .5822411      2.31816
> 2      shhlw1 |      .1915944      .0292889      6.54      0.000      .1341891      .248999
> 6      anxagw1 |     -.1023029      .040205      -2.54      0.011      -.1811033      -.023502
> 5      anxagw2 |      .0367995      .0104605      3.52      0.000      .0162972      .057301
> 8

```

```

      shhlw3 | .0009065 .0003584 2.53 0.011 .000204 .001609
> 1
      medcow1 | .9902191 .2980174 3.32 0.001 .4061158 1.57432
> 3
      age | .5546984 .0930725 5.96 0.000 .3722795 .737117
> 2
-----
> -
      illw2 <-
      crhrw1 | -.0043334 .0016161 -2.68 0.007 -.007501 -.001165
> 9
      crhrw2 | -.0130049 .0003729 -34.88 0.000 -.0137357 -.01227
> 4
      crhrw3 | -.0124677 .0019848 -6.28 0.000 -.0163579 -.008577
> 5
      fdferw1 | .0006693 .00014 4.78 0.000 .000395 .000943
> 7
      illw2 | -.0037873 .000643 -5.89 0.000 -.0050476 -.002527
> 1
      illw3 | -.0006527 .0002087 -3.13 0.002 -.0010618 -.000243
> 7
      injselfr | -.0427118 .0069085 -6.18 0.000 -.0562522 -.029171
> 3
      illw1 | .1173009 .0236276 4.96 0.000 .0709916 .163610
> 2
      shhlw1 | -.0011402 .0001642 -6.94 0.000 -.001462 -.000818
> 4
      anxagw1 | .0031627 .0002462 12.85 0.000 .0026802 .003645
> 2
      anxagw2 | -.0000831 .0000236 -3.52 0.000 -.0001294 -.000036
> 8
      shhlw3 | -2.05e-06 8.10e-07 -2.53 0.011 -3.63e-06 -4.61e-0
> 7
      medcow1 | -.0051061 .0037854 -1.35 0.177 -.0125253 .002313
> 1
      age | -.0016026 .0010577 -1.52 0.130 -.0036756 .000470
> 4
-----
> -
      illw3 <-
      crhrw1 | .5564169 .0475396 11.70 0.000 .463241 .649592
> 7
      crhrw2 | .0060263 .0001728 34.88 0.000 .0056876 .00636
> 5
      crhrw3 | .0057774 .0009198 6.28 0.000 .0039747 .007580
> 1
      fdferw1 | .0007516 .0001572 4.78 0.000 .0004435 .001059
> 6
      illw2 | .1866555 .0335189 5.57 0.000 .1209597 .252351

```

```

> 3      illw3 |      .0003025      .0000967      3.13      0.002      .0001129      .00049
> 2      injselfr |      .0197921      .0063886      3.10      0.002      .0072707      .032313
> 6      medcow2 |     -.0013233      .0006045     -2.19      0.029     -.0025081     -.000138
> 5      illw1 |      .2058518      .0539561      3.82      0.000      .1000998      .311603
> 7      shhlw1 |      .003372      .0005817      5.80      0.000      .0022319      .004512
> 1      anxagw1 |      .0006123      .0005603      1.09      0.274     -.0004859      .001710
> 5      anxagw2 |      .0074554      .0015276      4.88      0.000      .0044614      .010449
> 3      shhlw3 |              0      (no path)
      shhlw2 |      .0011072      .0001598      6.93      0.000      .000794      .001420
> 4      medcow1 |     -.0042882      .0066564     -0.64      0.519     -.0173345      .008758
> 2      age |      .0042443      .0021332      1.99      0.047      .0000634      .008425
> 2
-----
> -
      bsianx <-
      crhrw1 |      .4711283      .1294277      3.64      0.000      .2174547      .724801
> 9      crhrw2 |      1.328548      .0871091     15.25      0.000      1.157817      1.49927
> 9      crhrw3 |     -.0998412      .0158945     -6.28      0.000     -.1309939     -.068688
> 5      fdferw1 |      .0035885      .0007505      4.78      0.000      .0021176      .005059
> 3      illw2 |      .9847889      .1238237      7.95      0.000      .742099      1.22747
> 9      illw3 |      .0349241      .0111675      3.13      0.002      .0130363      .05681
> 2      injselfr |      .5177359      .0855538      6.05      0.000      .3500536      .685418
> 3      medcow2 |     -.0012877      .0005883     -2.19      0.029     -.0024407     -.000134
> 8      illw1 |      .4607905      .1094249      4.21      0.000      .2463217      .675259
> 4      shhlw1 |      .0161003      .0018131      8.88      0.000      .0125467      .019653
> 9      anxagw1 |      .0105372      .0014673      7.18      0.000      .0076614      .013413
> 1      anxagw2 |      .019847      .0038596      5.14      0.000      .0122823      .027411
> 6

```

```

> 7      shhlw3 | .0030535 .0012073 2.53 0.011 .0006872 .005419
> 2      shhlw2 | .0010774 .0001555 6.93 0.000 .0007726 .001382
> 9      medcow1 | .2975738 .0453993 6.55 0.000 .2085928 .386554
> 2      age | .0308723 .006669 4.63 0.000 .0178013 .043943
> -----
> -
> injselr <-
> 5      crhrw1 | .1737988 .0164124 10.59 0.000 .141631 .205966
> 6      crhrw2 | .2304637 .0066083 34.88 0.000 .2175117 .243415
> 3      crhrw3 | -.0709591 .0112965 -6.28 0.000 -.0930999 -.048818
> 8      fdferw1 | .0001431 .0000299 4.78 0.000 .0000845 .000201
> 7      illw2 | .0671169 .0113945 5.89 0.000 .044784 .089449
> 1      illw3 | .0115675 .0036989 3.13 0.002 .0043178 .018817
> 7      injselr | -.2430907 .0392921 -6.19 0.000 -.3201018 -.166079
> 6      medcow2 | -.0000153 6.99e-06 -2.19 0.029 -.000029 -1.60e-0
> 1      illw1 | .0580435 .0177246 3.27 0.001 .0233039 .092783
> 2      shhlw1 | .0006422 .0003622 1.77 0.076 -.0000677 .00135
> 5      anxagw1 | .0017595 .0005102 3.45 0.001 .0007595 .002759
> 5      anxagw2 | .0014729 .0004187 3.52 0.000 .0006523 .002293
> 4      shhlw3 | .0000363 .0000143 2.53 0.011 8.17e-06 .000064
> 4      shhlw2 | .0000128 1.85e-06 6.93 0.000 9.18e-06 .000016
> 8      medcow1 | .0146736 .0039466 3.72 0.000 .0069384 .022408
> 1      age | .0014276 .0018589 0.77 0.443 -.0022159 .00507
> -----
> -
> cumdose2 <-
> cumdose1 | 0 (no path)
> -----
> -

```

```

medcow2 <-
  crhrw1 | -.0524295 .0387626 -1.35 0.176 -.1284027 .023543
> 7
  crhrw2 | .0442028 .0012675 34.88 0.000 .0417186 .04668
> 7
  crhrw3 | .0423771 .0067463 6.28 0.000 .0291545 .055599
> 6
  fdferw1 | .0036016 .0007532 4.78 0.000 .0021253 .005077
> 8
  illw2 | 0 (no path)
  illw3 | .0022186 .0007094 3.13 0.002 .0008282 .003609
> 1
  injselfr | .1451748 .0234817 6.18 0.000 .0991516 .19119
> 8
  illw1 | .302239 .0581355 5.20 0.000 .1882955 .416182
> 5
  shhlw1 | .0044789 .0009901 4.52 0.000 .0025383 .006419
> 5
  anxagw1 | .0028958 .0013084 2.21 0.027 .0003314 .005460
> 1
  anxagw2 | .0113104 .0020723 5.46 0.000 .0072488 .01537
> 2
  medcow1 | .0053617 .0062602 0.86 0.392 -.0069082 .017631
> 5
  age | .0177399 .0040945 4.33 0.000 .0097148 .02576
> 5


---


> -
  illw1 <-
    medcow1 | 0 (no path)


---


> -
  shhlw1 <-
    crhrw1 | 2.839315 .4831629 5.88 0.000 1.892333 3.78629
> 6
    crhrw2 | 1.283377 .0367992 34.88 0.000 1.211251 1.35550
> 2
    crhrw3 | 1.230368 .1958722 6.28 0.000 .8464658 1.61427
> 1
    fdferw1 | .0095178 .0019905 4.78 0.000 .0056166 .01341
> 9
    illw3 | .0644154 .0205977 3.13 0.002 .0240446 .104786
> 1
    injselfr | 4.214979 .6817625 6.18 0.000 2.878749 5.55120
> 9
    shhlw1 | .0427031 .006528 6.54 0.000 .0299084 .055497
> 7
    anxagw1 | .0840754 .0141057 5.96 0.000 .0564287 .111722
> 1

```



```

      medcow1 | .2207028 .0786825 2.80 0.005 .0664879 .374917
> 7
      age | .1236327 .033455 3.70 0.000 .0580621 .189203
> 4
-----
> -
      anxagw1 <-
      crhrw1 | 9.331827 .8542619 10.92 0.000 7.657505 11.0061
> 5
      crhrw2 | 11.83484 .3393493 34.88 0.000 11.16973 12.4999
> 5
      crhrw3 | 11.34602 1.806263 6.28 0.000 7.805806 14.8862
> 3
      fdferw1 | .0577004 .0120669 4.78 0.000 .0340497 .081351
> 1
      illw2 | 3.446606 .5851357 5.89 0.000 2.299761 4.59345
> 1
      illw3 | .5940154 .1899448 3.13 0.002 .2217305 .966300
> 4
      injselfr | -11.27264 1.821956 -6.19 0.000 -14.84361 -7.70167
> 6
      illw1 | 2.980665 .9101997 3.27 0.001 1.196707 4.76462
> 4
      shhlw1 | .0414828 .017829 2.33 0.020 .0065386 .07642
> 7
      anxagw1 | -.2246866 .0826607 -2.72 0.007 -.3866986 -.062674
> 6
      anxagw2 | .0756357 .0215 3.52 0.000 .0334964 .11777
> 5
      shhlw3 | .0018633 .0007367 2.53 0.011 .0004194 .003307
> 2
      shhlw2 | .0006575 .0000949 6.93 0.000 .0004715 .000843
> 5
      medcow1 | .7837405 .2335052 3.36 0.001 .3260787 1.24140
> 2
      age | .7747767 .132657 5.84 0.000 .5147737 1.0347
> 8
-----
> -
      anxagw2 <-
      crhrw1 | 2.205382 .2018869 10.92 0.000 1.809691 2.60107
> 3
      crhrw2 | 2.796917 .0801981 34.88 0.000 2.639732 2.95410
> 3
      crhrw3 | 2.681394 .4268726 6.28 0.000 1.844739 3.51804
> 9
      fdferw1 | .0136363 .0028518 4.78 0.000 .0080469 .019225
> 6
      illw2 | .8145333 .1382846 5.89 0.000 .5435005 1.08556

```

```

> 6      illw3 | .1403831 .0448895 3.13 0.002 .0524014 .228364
> 9      injselfr | 9.185884 1.485794 6.18 0.000 6.273781 12.0979
> 9      illw1 | .7044179 .2151067 3.27 0.001 .2828166 1.12601
> 9      shhlw1 | .0611814 .0117231 5.22 0.000 .0382046 .084158
> 2      anxagw1 | -.0531 .0195351 -2.72 0.007 -.0913881 -.014811
> 8      anxagw2 | .0178749 .0050811 3.52 0.000 .0079162 .027833
> 7      shhlw3 | .0004403 .0001741 2.53 0.011 .0000991 .000781
> 6      medcow1 | .52558 .1357853 3.87 0.000 .2594457 .791714
> 4      age | .1831023 .0352133 5.20 0.000 .1140854 .252119
> 1

```

```

> -
shhlw3 <-
  crhrw1 | 3.177299 .3975758 7.99 0.000 2.398065 3.95653
> 3      crhrw2 | 2.270642 .0651078 34.88 0.000 2.143033 2.39825
> 2      crhrw3 | 2.176856 .3465512 6.28 0.000 1.497628 2.85608
> 4      fdferw1 | .1767196 .0369574 4.78 0.000 .1042843 .249154
> 8      illw2 | .2326675 .1465572 1.59 0.112 -.0545794 .519914
> 5      illw3 | .1139683 .036443 3.13 0.002 .0425414 .185395
> 2      injselfr | 7.457446 2.184708 3.41 0.001 3.175497 11.739
> 4      medcow2 | -.4218841 .1927251 -2.19 0.029 -.7996184 -.044149
> 9      illw1 | .4491037 .1719388 2.61 0.009 .1121099 .786097
> 5      shhlw1 | .6017541 .0882698 6.82 0.000 .4287485 .774759
> 6      anxagw1 | .0354332 .0175688 2.02 0.044 .000999 .069867
> 4      anxagw2 | .003463 .0050315 0.69 0.491 -.0063986 .013324
> 5      shhlw3 | .0003575 .0001413 2.53 0.011 .0000805 .000634
> 5      shhlw2 | 0 (no path)

```

```

> 2      medcow1 |  -.0769918   .1799125   -0.43   0.669   -.4296139   .275630
> 2      age     |  .4508938   .0971607    4.64   0.000   .2604624   .641325
> 2      -----
> -
medcow3 <-
> 7      crhrw1 |  -.1092338   .0656826   -1.66   0.096   -.2379692   .019501
> 8      crhrw2 |  .4110337   .0487811    8.43   0.000   .3154246   .506642
> 6      crhrw3 |  .0334054   .0053181    6.28   0.000   .0229821   .043828
> 7      fdferw1 |  .0029845   .0006241    4.78   0.000   .0017612   .004207
> 1      illw2   |  1.004343    .166145    6.04   0.000   .678705    1.32998
> 1      illw3   |           0 (no path)
injselfr |  .1144396   .0196337    5.83   0.000   .0759584   .152920
> 9      medcow2 |  -.0007405   .0003383   -2.19   0.029   -.0014034   -.000077
> 5      illw1   |  .330123    .0592074    5.58   0.000   .2140787   .446167
> 3      shhlw1  |  .0133902   .0027732    4.83   0.000   .0079549   .018825
> 6      anxagw1 |  .0024041   .0012302    1.95   0.051   -7.08e-06   .004815
> 3      anxagw2 |  .0230199   .0057205    4.02   0.000   .0118079   .034231
> 8      shhlw3  |  .0017558   .0006942    2.53   0.011   .0003952   .003116
> 4      shhlw2  |  .0006195   .0000894    6.93   0.000   .0004443   .000794
> 8      medcow1 |  .5529837   .0549577   10.06   0.000   .4452685   .660698
> 9      age     |  .0205357   .0046114    4.45   0.000   .0114976   .029573
> 9      -----
> -
shhlw2 <-
> 3      crhrw1  |  2.635409    .701061     3.76   0.000   1.261355    4.00946
> 3      crhrw2  |  -.3870757   .0110989   -34.88   0.000   -.4088292   -.365322
> 3      crhrw3  |  -.371088    .0590765    -6.28   0.000   -.4868758   -.255300
> 3      fdferw1 |  .3450688    .0721644    4.78   0.000   .2036293    .486508
> 4

```

```

      illw2 | -1.327375   .2675713   -4.96   0.000   -1.851805   -.802944
> 8
      illw3 | -.0194281   .0062124   -3.13   0.002   -.0316043   -.00725
> 2
    injselfr |  8.584366   1.388231    6.18   0.000    5.863483   11.3052
> 5
      medcow2 |           0 (no path)
      illw1 | -.445413   .0795713   -5.60   0.000   -.6013699   -.289456
> 1
      shhlw1 |  .0388138   .0120604    3.22   0.001    .0151759    .062451
> 7
      anxagw1 |  .171198   .0174603    9.80   0.000    .1369763    .205419
> 6
      anxagw2 | -.0337852   .0093254   -3.62   0.000   -.0520627   -.015507
> 8
      shhlw3 | -.0000609   .0000241   -2.53   0.011   -.0001082   -.000013
> 7
      shhlw2 | -.0000215   3.10e-06   -6.93   0.000   -.0000276   -.000015
> 4
      medcow1 | -.7434798   .4354399   -1.71   0.088   -1.596926    .109966
> 7
      age |  .6050381   .1648293    3.67   0.000    .2819787    .928097
> 5

```

```

> -

```

Total effects

```

> -

```

	Coef.	OIM Std. Err.	z	P> z	[95% Conf. Interval
>]					
> -					
Structural					
crhrw1 <-					
crhrw1	.0227313	.0038682	5.88	0.000	.0151499 .030312
> 8					
crhrw3	.0098502	.0015681	6.28	0.000	.0067767 .012923
> 7					
fdferw1	.0018606	.0003891	4.78	0.000	.001098 .002623
> 2					
injselfr	.0337448	.0054581	6.18	0.000	.0230471 .044442
> 6					
shhlw1	.0083478	.0013299	6.28	0.000	.0057413 .010954
> 3					
anxagw1	.0006731	.0001129	5.96	0.000	.0004518 .000894
> 4					

```

      medcow1 | .0760343 .0202284 3.76 0.000 .0363874 .115681
> 1
      age | .0226688 .0037812 6.00 0.000 .0152578 .030079
> 8
-----
> -
      crhrw2 <-
      crhrw1 | .8857076 .0666996 13.28 0.000 .7549788 1.01643
> 6
      crhrw2 | .014598 .0004186 34.88 0.000 .0137776 .015418
> 4
      crhrw3 | .013995 .002228 6.28 0.000 .0096283 .018361
> 8
      fdferw1 | .0018862 .0003945 4.78 0.000 .0011131 .002659
> 3
      illw2 | .2805036 .0499947 5.61 0.000 .1825158 .378491
> 3
      illw3 | .0007327 .0002343 3.13 0.002 .0002735 .001191
> 9
      injselfr | .047944 .0077548 6.18 0.000 .0327448 .063143
> 2
      illw1 | .2537375 .0779684 3.25 0.001 .1009223 .406552
> 7
      shhlw1 | .0084627 .0011852 7.14 0.000 .0061397 .010785
> 6
      anxagw1 | .0009563 .0003625 2.64 0.008 .0002459 .001666
> 8
      anxagw2 | .0063228 .0018335 3.45 0.001 .0027291 .009916
> 4
      medcow1 | .0735505 .0176134 4.18 0.000 .0390289 .108072
> 1
      age | .0232573 .0036246 6.42 0.000 .0161533 .030361
> 3
-----
> -
      crhrw3 <-
      crhrw1 | .8065546 .0754524 10.69 0.000 .6586706 .954438
> 5
      crhrw2 | 1.057314 .0303172 34.88 0.000 .9978932 1.11673
> 4
      crhrw3 | .0136427 .0021719 6.28 0.000 .0093859 .017899
> 5
      fdferw1 | .0017959 .0003756 4.78 0.000 .0010598 .002532
> 1
      illw2 | .3079166 .0522755 5.89 0.000 .2054585 .410374
> 7
      illw3 | .0530688 .0169695 3.13 0.002 .0198092 .086328
> 4
      injselfr | .0467369 .0076559 6.10 0.000 .0317315 .061742

```

```

> 3      medcow2 | -.0000702   .0000321   -2.19   0.029   -.0001331   -7.35e-0
> 6      illw1   |  .2662899   .0813164    3.27   0.001   .1069127   .425667
> 1      shhlw1  |  .0080578   .0010942    7.36   0.000   .0059133   .010202
> 3      anxagw1 |  .0009436   .0003888    2.43   0.015   .0001817   .001705
> 6      anxagw2 |  .0067572   .0019208    3.52   0.000   .0029925   .010521
> 9      shhlw3  |  .0001665   .0000658    2.53   0.011   .0000375   .000295
> 5      shhlw2  |  .0000587   8.48e-06    6.93   0.000   .0000421   .000075
> 4      medcow1 |  .0680029   .0162436    4.19   0.000   .0361659   .099839
> 8      age     |  .022422    .0034382    6.52   0.000   .0156832   .029160
> 7
-----
> -
  fdferw1 <-
    crhrw1 |  12.73905   2.167789    5.88   0.000   8.490258   16.9878
> 3      crhrw2 |  5.758077   .1651057   34.88   0.000   5.434476   6.08167
> 9      crhrw3 |  5.520247   .8788124    6.28   0.000   3.797806   7.24268
> 8      fdferw1 |  .0427031   .0089305    4.78   0.000   .0251996   .060206
> 6      illw2   |  1.676898   .2846896    5.89   0.000   1.118917   2.2348
> 8      illw3   |  .2890099   .092415     3.13   0.002   .1078799   .4701
> 4      injselfr | 18.91119    3.058838    6.18   0.000   12.91598   24.906
> 4      illw1   |  1.450201   .442845     3.27   0.001   .5822411   2.31816
> 2      shhlw1  |  .1915944   .0292889    6.54   0.000   .1341891   .248999
> 6      anxagw1 |  .3772179   .0632876    5.96   0.000   .2531766   .501259
> 3      anxagw2 |  .0367995   .0104605    3.52   0.000   .0162972   .057301
> 8      shhlw3  |  .0009065   .0003584    2.53   0.011   .000204    .001609
> 1      medcow1 |  .9902191   .2980174    3.32   0.001   .4061158   1.57432
> 3      age     |  .5546984   .0930725    5.96   0.000   .3722795   .737117

```

```

> 2

```

```

> -
  illw2 <-
    crhrw1 | -.1171413 .0367653 -3.19 0.001 -.1892 -.045082
> 6
    crhrw2 | -.0130049 .0003729 -34.88 0.000 -.0137357 -.01227
> 4
    crhrw3 | -.0124677 .0019848 -6.28 0.000 -.0163579 -.008577
> 5
    fdferw1 | .0006693 .00014 4.78 0.000 .000395 .000943
> 7
    illw2 | -.0037873 .000643 -5.89 0.000 -.0050476 -.002527
> 1
    illw3 | -.0006527 .0002087 -3.13 0.002 -.0010618 -.000243
> 7
    injselfr | -.0427118 .0069085 -6.18 0.000 -.0562522 -.029171
> 3
    illw1 | .1173009 .0236276 4.96 0.000 .0709916 .163610
> 2
    shhlw1 | .0030031 .0009557 3.14 0.002 .0011299 .004876
> 3
    anxagw1 | -.000852 .0010574 -0.81 0.420 -.0029245 .001220
> 6
    anxagw2 | .0107681 .0020042 5.37 0.000 .00684 .014696
> 2
    shhlw3 | -2.05e-06 8.10e-07 -2.53 0.011 -3.63e-06 -4.61e-0
> 7
    medcow1 | -.0051061 .0037854 -1.35 0.177 -.0125253 .002313
> 1
    age | .0089577 .0024808 3.61 0.000 .0040955 .0138
> 2

```

```

> -
  illw3 <-
    crhrw1 | -.1288417 .0962899 -1.34 0.181 -.3175665 .05988
> 3
    crhrw2 | .6802104 .0871553 7.80 0.000 .5093892 .851031
> 7
    crhrw3 | .0057774 .0009198 6.28 0.000 .0039747 .007580
> 1
    fdferw1 | .0007516 .0001572 4.78 0.000 .0004435 .001059
> 6
    illw2 | .4863165 .0857743 5.67 0.000 .318202 .654431
> 1
    illw3 | .0003025 .0000967 3.13 0.002 .0001129 .00049
> 2
    injselfr | .0197921 .0063886 3.10 0.002 .0072707 .032313
> 6

```

```

> 5 medcow2 | -.0013233 .0006045 -2.19 0.029 -.0025081 -.000138
> 5 illw1 | .2058518 .0539561 3.82 0.000 .1000998 .311603
> 7 shhlw1 | .003372 .0005817 5.80 0.000 .0022319 .004512
> 1 anxagw1 | .0006123 .0005603 1.09 0.274 -.0004859 .001710
> 5 anxagw2 | .0074554 .0015276 4.88 0.000 .0044614 .010449
> 3 shhlw3 | .0031377 .0012406 2.53 0.011 .0007062 .005569
> 2 shhlw2 | .0011072 .0001598 6.93 0.000 .000794 .001420
> 4 medcow1 | -.0042882 .0066564 -0.64 0.519 -.0173345 .008758
> 2 age | .0141599 .0038632 3.67 0.000 .0065882 .021731
> 5
+-----+
> -
bsianx <-
> 9 crhrw1 | .4711283 .1294277 3.64 0.000 .2174547 .724801
> 9 crhrw2 | 1.328548 .0871091 15.25 0.000 1.157817 1.49927
> 9 crhrw3 | .6670694 .1647062 4.05 0.000 .3442512 .989887
> 5 fdferw1 | .0145634 .0035635 4.09 0.000 .0075791 .021547
> 8 illw2 | .9847889 .1238237 7.95 0.000 .742099 1.22747
> 9 illw3 | .9734496 .1359132 7.16 0.000 .7070646 1.23983
> 5 injselfr | -.3420347 .2902846 -1.18 0.239 -.910982 .226912
> 6 medcow2 | .3208447 .0495792 6.47 0.000 .2236713 .418018
> 2 illw1 | .4607905 .1094249 4.21 0.000 .2463217 .675259
> 4 shhlw1 | .0161003 .0018131 8.88 0.000 .0125467 .019653
> 9 anxagw1 | .0105372 .0014673 7.18 0.000 .0076614 .013413
> 1 anxagw2 | .019847 .0038596 5.14 0.000 .0122823 .027411
> 6 shhlw3 | .0030535 .0012073 2.53 0.011 .0006872 .005419
> 7 shhlw2 | .0010774 .0001555 6.93 0.000 .0007726 .001382
> 2

```



```

      medcow1 | .1098357 .0591888 1.86 0.063 -.0061723 .225843
> 6
      age | .0308723 .006669 4.63 0.000 .0178013 .043943
> 2
-----
> -
      injselfr <-
      crhrw1 | .1737988 .0164124 10.59 0.000 .141631 .205966
> 5
      crhrw2 | .2304637 .0066083 34.88 0.000 .2175117 .243415
> 6
      crhrw3 | .2209446 .0351739 6.28 0.000 .152005 .289884
> 3
      fdferw1 | .0001431 .0000299 4.78 0.000 .0000845 .000201
> 8
      illw2 | .0671169 .0113945 5.89 0.000 .044784 .089449
> 7
      illw3 | .0115675 .0036989 3.13 0.002 .0043178 .018817
> 1
      injselfr | -.2430907 .0392921 -6.19 0.000 -.3201018 -.166079
> 7
      medcow2 | -.0000153 6.99e-06 -2.19 0.029 -.000029 -1.60e-0
> 6
      illw1 | .0580435 .0177246 3.27 0.001 .0233039 .092783
> 1
      shhlw1 | .0006422 .0003622 1.77 0.076 -.0000677 .00135
> 2
      anxagw1 | -.0048456 .0016117 -3.01 0.003 -.0080044 -.001686
> 8
      anxagw2 | .0014729 .0004187 3.52 0.000 .0006523 .002293
> 5
      shhlw3 | .0000363 .0000143 2.53 0.011 8.17e-06 .000064
> 4
      shhlw2 | .0000128 1.85e-06 6.93 0.000 9.18e-06 .000016
> 4
      medcow1 | .0146736 .0039466 3.72 0.000 .0069384 .022408
> 8
      age | .013277 .001993 6.66 0.000 .0093709 .017183
> 2
-----
> -
      cumdose2 <-
      cumdose1 | 1.339358 .0368063 36.39 0.000 1.267218 1.41149
> 7
-----
> -
      medcow2 <-
      crhrw1 | -.0524295 .0387626 -1.35 0.176 -.1284027 .023543
> 7

```

```

> 7      crhrw2 |      .0442028      .0012675      34.88      0.000      .0417186      .04668
> 6      crhrw3 |      .0423771      .0067463       6.28      0.000      .0291545      .055599
> 8      fdferw1 |      .0036016      .0007532       4.78      0.000      .0021253      .005077
> 9      illw2  |      1.029158      .223316       4.61      0.000      .5914665      1.46684
> 1      illw3  |      .0022186      .0007094       3.13      0.002      .0008282      .003609
> 8      injselfr |      .1451748      .0234817       6.18      0.000      .0991516      .19119
> 5      illw1  |      .302239      .0581355       5.20      0.000      .1882955      .416182
> 2      shhlw1 |      .016159      .0037736       4.28      0.000      .0087628      .023555
> 1      anxagw1 |      .0028958      .0013084       2.21      0.027      .0003314      .005460
> 5      anxagw2 |      .0264805      .0077369       3.42      0.001      .0113165      .041644
> 8      medcow1 |      .7797866      .0571344      13.65      0.000      .6678051      .89176
> 5      age    |      .0177399      .0040945       4.33      0.000      .0097148      .02576
> -----
> -
>      illw1 <-
>      medcow1 |      .0306305      .0087534       3.50      0.000      .0134741      .047786
> -----
> -
>      shhlw1 <-
>      crhrw1  |      2.839315      .4831629       5.88      0.000      1.892333      3.78629
> 6      crhrw2 |      1.283377      .0367992      34.88      0.000      1.211251      1.35550
> 2      crhrw3 |      1.230368      .1958722       6.28      0.000      .8464658      1.61427
> 1      fdferw1 |      .2324006      .048602       4.78      0.000      .1371424      .327658
> 8      illw3  |      .0644154      .0205977       3.13      0.002      .0240446      .104786
> 1      injselfr |      4.214979      .6817625       6.18      0.000      2.878749      5.55120
> 9      shhlw1 |      .0427031      .006528       6.54      0.000      .0299084      .055497
> 7      anxagw1 |      .0840754      .0141057       5.96      0.000      .0564287      .111722
> 1      medcow1 |      .2207028      .0786825       2.80      0.005      .0664879      .374917

```

```

> 7      age |      .5015882      .1320187      3.80      0.000      .2428362      .760340
> 1
+-----+
> -
  anxagw1 <-
    crhrw1 |      9.331827      .8542619      10.92      0.000      7.657505      11.0061
> 5      crhrw2 |      11.83484      .3393493      34.88      0.000      11.16973      12.4999
> 5      crhrw3 |      11.34602      1.806263      6.28      0.000      7.805806      14.8862
> 3      fdferw1 |      .0577004      .0120669      4.78      0.000      .0340497      .081351
> 1      illw2 |      3.446606      .5851357      5.89      0.000      2.299761      4.59345
> 1      illw3 |      .5940154      .1899448      3.13      0.002      .2217305      .966300
> 4      injselfr |      38.86904      6.286971      6.18      0.000      26.5468      51.1912
> 7      illw1 |      2.980665      .9101997      3.27      0.001      1.196707      4.76462
> 4      shhlw1 |      .2588823      .0496049      5.22      0.000      .1616585      .356106
> 1      anxagw1 |      -.2246866      .0826607      -2.72      0.007      -.3866986      -.062674
> 6      anxagw2 |      .0756357      .0215      3.52      0.000      .0334964      .11777
> 5      shhlw3 |      .0018633      .0007367      2.53      0.011      .0004194      .003307
> 2      shhlw2 |      .0006575      .0000949      6.93      0.000      .0004715      .000843
> 5      medcow1 |      .7837405      .2335052      3.36      0.001      .3260787      1.24140
> 2      age |      .7747767      .132657      5.84      0.000      .5147737      1.0347
> 8
+-----+
> -
  anxagw2 <-
    crhrw1 |      2.205382      .2018869      10.92      0.000      1.809691      2.60107
> 3      crhrw2 |      2.796917      .0801981      34.88      0.000      2.639732      2.95410
> 3      crhrw3 |      2.681394      .4268726      6.28      0.000      1.844739      3.51804
> 9      fdferw1 |      .0136363      .0028518      4.78      0.000      .0080469      .019225
> 6      illw2 |      .8145333      .1382846      5.89      0.000      .5435005      1.08556
> 6

```

> 9	illw3		.1403831	.0448895	3.13	0.002	.0524014	.228364
> 9	injselfr		9.185884	1.485794	6.18	0.000	6.273781	12.0979
> 9	illw1		11.81619	2.240754	5.27	0.000	7.424397	16.2079
> 2	shhlw1		.0611814	.0117231	5.22	0.000	.0382046	.084158
> 3	anxagw1		.1832291	.0298889	6.13	0.000	.1246479	.241810
> 7	anxagw2		.0178749	.0050811	3.52	0.000	.0079162	.027833
> 6	shhlw3		.0004403	.0001741	2.53	0.011	.0000991	.000781
> 4	medcow1		.52558	.1357853	3.87	0.000	.2594457	.791714
> 1	age		.1831023	.0352133	5.20	0.000	.1140854	.252119
> -								
> 3	shhlw3 <- crhrw1		3.177299	.3975758	7.99	0.000	2.398065	3.95653
> 2	crhrw2		2.270642	.0651078	34.88	0.000	2.143033	2.39825
> 4	crhrw3		2.176856	.3465512	6.28	0.000	1.497628	2.85608
> 8	fdferw1		.1767196	.0369574	4.78	0.000	.1042843	.249154
> 5	illw2		.2326675	.1465572	1.59	0.112	-.0545794	.519914
> 2	illw3		.1139683	.036443	3.13	0.002	.0425414	.185395
> 4	injselfr		7.457446	2.184708	3.41	0.001	3.175497	11.739
> 9	medcow2		-.4218841	.1927251	-2.19	0.029	-.7996184	-.044149
> 5	illw1		.4491037	.1719388	2.61	0.009	.1121099	.786097
> 2	shhlw1		.792881	.1061706	7.47	0.000	.5847904	1.00097
> 3	anxagw1		.218109	.0490679	4.45	0.000	.1219376	.314280
> 5	anxagw2		.003463	.0050315	0.69	0.491	-.0063986	.013324
> 5	shhlw3		.0003575	.0001413	2.53	0.011	.0000805	.000634
> 2	shhlw2		.3529864	.0509488	6.93	0.000	.2531286	.452844

```

medcow1 | -.0769918 .1799125 -0.43 0.669 -.4296139 .275630
> 2
age | .4508938 .0971607 4.64 0.000 .2604624 .641325
> 2
-----
> -
medcow3 <-
crhrw1 | -.1092338 .0656826 -1.66 0.096 -.2379692 .019501
> 7
crhrw2 | .4110337 .0487811 8.43 0.000 .3154246 .506642
> 8
crhrw3 | .0334054 .0053181 6.28 0.000 .0229821 .043828
> 6
fdferw1 | .0029845 .0006241 4.78 0.000 .0017612 .004207
> 7
illw2 | 1.004343 .166145 6.04 0.000 .678705 1.32998
> 1
illw3 | .5597406 .1520841 3.68 0.000 .2616613 .857819
> 9
injselfr | .1144396 .0196337 5.83 0.000 .0759584 .152920
> 9
medcow2 | .7114755 .0469168 15.16 0.000 .6195202 .803430
> 8
illw1 | .330123 .0592074 5.58 0.000 .2140787 .446167
> 3
shhlw1 | .0133902 .0027732 4.83 0.000 .0079549 .018825
> 6
anxagw1 | .0024041 .0012302 1.95 0.051 -7.08e-06 .004815
> 3
anxagw2 | .0230199 .0057205 4.02 0.000 .0118079 .034231
> 8
shhlw3 | .0017558 .0006942 2.53 0.011 .0003952 .003116
> 4
shhlw2 | .0006195 .0000894 6.93 0.000 .0004443 .000794
> 8
medcow1 | .5529837 .0549577 10.06 0.000 .4452685 .660698
> 9
age | .0205357 .0046114 4.45 0.000 .0114976 .029573
> 9
-----
> -
shhlw2 <-
crhrw1 | 2.635409 .701061 3.76 0.000 1.261355 4.00946
> 3
crhrw2 | -.3870757 .0110989 -34.88 0.000 -.4088292 -.365322
> 3
crhrw3 | -.371088 .0590765 -6.28 0.000 -.4868758 -.255300
> 3
fdferw1 | .3450688 .0721644 4.78 0.000 .2036293 .486508

```

```

> 4      illw2 | -1.327375 .2675713 -4.96 0.000 -1.851805 -.802944
> 8      illw3 | -.0194281 .0062124 -3.13 0.002 -.0316043 -.00725
> 2      injselfr | -1.271269 3.872384 -0.33 0.743 -8.861002 6.31846
> 5      medcow2 | -1.19516 .5459728 -2.19 0.029 -2.265247 -.125072
> 7      illw1 | -.445413 .0795713 -5.60 0.000 -.6013699 -.289456
> 1      shhlw1 | 1.548207 .2406579 6.43 0.000 1.076527 2.01988
> 8      anxagw1 | .171198 .0174603 9.80 0.000 .1369763 .205419
> 6      anxagw2 | -.0337852 .0093254 -3.62 0.000 -.0520627 -.015507
> 8      shhlw3 | -.0000609 .0000241 -2.53 0.011 -.0001082 -.000013
> 7      shhlw2 | -.0000215 3.10e-06 -6.93 0.000 -.0000276 -.000015
> 4      medcow1 | -.7434798 .4354399 -1.71 0.088 -1.596926 .109966
> 7      age | .6050381 .1648293 3.67 0.000 .2819787 .928097
> 5

```

```

> -

```

```

11 . estat framework
    (model contains no latent variables)

```

Endogenous variables on endogenous variables

```

      | observed
>
>
>      Beta |      crhrw1      crhrw2      crhrw3      fdferw1      illw2
> illw3      bsianx      injselfr      cumdose2      medcow2      illw1      shhlw1      a
> nxagw1      anxagw2      shhlw3
      |
>
>
>      observed |
>
>
>      crhrw1 |      0      0      0      0      0
>      0      0      0      0      0      0      .0080059
>      0      0      0
>      crhrw2 | .8906941      0      0      0      .2762522

```

```

>      0      0      0      0      0      0      .1808405      0
>      0      .0032318      0
>      crhrw3 | -.0775417      1.007787      0      0      0      .05
> 23545      0      0      0      0      0      0      0
>      0      0      0
>      fdferw1 |      8.080559      0      0      0      0
>      0      0      0      0      0      0      0      .4
> 795208      0      0
>      illw2 | -.1128078      0      0      0      0
>      0      0      0      0      0      0      .0041433      -.0
> 040147      .0108512      0
>      illw3 | -.6852586      .6741841      0      0      .299661
>      0      0      0      0      0      0      0
>      0      0      .0031367
>      bsianx |      0      0      .7669106      .010975      0      .93
> 85255      0      -.8597707      0      .3221325      0      0
>      0      0      0
>      injselfr |      0      0      .2919037      0      0
>      0      0      0      0      0      0      0      -.0
> 066051      0      0
>      cumdose2 |      0      0      0      0      0      0
>      0      0      0      0      0      0      0
>      0      0      0
>      medcow2 |      0      0      0      0      0      1.016285
>      0      0      0      0      0      0      .0116801
>      0      .0151701      0
>      illw1 |      0      0      0      0      0
>      0      0      0      0      0      0
>      0      0      0
>      shhlw1 |      0      0      0      .2228828      0
>      0      0      0      0      0      0
>      0      0      0
>      anxagw1 |      0      0      0      0      0
>      0      0      50.14168      0      0      0      .2173994
>      0      0      0
>      anxagw2 |      0      0      0      0      0
>      0      0      0      0      0      11.11178      0      .2
> 363291      0      0
>      shhlw3 |      0      0      0      0      0
>      0      0      0      0      0      .1911269      .1
> 826757      0      0
>      medcow3 |      0      0      0      0      0      0      .55
> 79917      0      0      0      .712216      0      0
>      0      0      0
>      shhlw2 |      0      0      0      0      0
>      0      0      -9.855634      0      -1.195185      0      1.509394
>      0      0      0

```

```

>

```

> _____

Beta	observed	
	medcow3	shhlw2
observed		
crhrw1	0	0
crhrw2	0	0
crhrw3	0	0
fdferw1	0	0
illw2	0	0
illw3	0	0
bsianx	0	0
injselfr	0	0
cumdose2	0	0
medcow2	0	0
illw1	0	0
shhlw1	0	0
anxagw1	0	0
anxagw2	0	0
shhlw3	0	.3528602
medcow3	0	0
shhlw2	0	0

Exogenous variables on endogenous variables

Gamma	observed		
	cumdose1	medcow1	age
observed			
crhrw1	0	.0742673	.0186532
crhrw2	0	0	0
crhrw3	0	0	0
fdferw1	0	0	0
illw2	0	0	.0105603
illw3	0	0	.0099156
bsianx	0	-.1877382	0
injselfr	0	0	.0118494
cumdose2	1.339358	0	0
medcow2	0	.7744249	0
illw1	0	.0306305	0
shhlw1	0	0	.3779554
anxagw1	0	0	0
anxagw2	0	0	0
shhlw3	0	0	0
medcow3	0	0	0
shhlw2	0	0	0

Covariances of error variables

```

>
>
>          Psi | e.crhrw1 e.crhrw2 e.crhrw3 e.fdfew1 e.illw2 e.
> illw3 e.bsianx e.injse~r e.cumdo~2 e.medcow2 e.illw1 e.shhlw1 e.a
> nxagw1 e.anxagw2 e.shhlw3
> _____
>
> observed |
>
>
> e.crhrw1 | .6376536
>
>
> e.crhrw2 | -.080872 .237388
>
>
> e.crhrw3 | 0 0 .0628699
>
>
> e.fdfew1 | 0 0 0 958.7608
>
>
> e.illw2 | 0 0 0 0 .2867554
>
>
> e.illw3 | 0 0 0 0 0 .60
> 41885
>
> e.bsianx | 0 0 0 0 0
> 0 4.926172
>
> e.injselfr | 0 0 0 0 0
> 0 0 .2815117
>
> e.cumdose2 | 0 0 0 0 0
> 0 0 0 1.278476
>
> e.medcow2 | 0 0 0 0 0
> 0 0 0 0 5.271801
>
> e.illw1 | 0 0 0 0 .0135534
> 0 0 0 0 .1262766
>
> e.shhlw1 | 0 0 0 0 0

```

```

>      0      0      0      0      0      0      1054.817
>
>      e.anxagw1 |      0      0      0      0      0
>      0      0      0      0      0      0      11
> 94.763
>      e.anxagw2 |      0      0      0      0      0
>      0      0      0      0      0      0
>      0      210.7123
>      e.shhlw3 |      0      0      0      0      0
>      0      0      0      0      0      0
>      0      0      832.3859
>      e.medcow3 |      0      0      0      0      0
>      0      0      0      0      0      0
>      0      0      0
>      e.shhlw2 |      0      0      0      0      0
>      0      0      0      0      0      0      -931.3906
>      0      0      0

```

```

>
>

```

	Psi	observed e.medcow3	e.shhlw2
observed e.medcow3		6.888963	
e.shhlw2		0	1706.729

Intercepts of endogenous variables

```

>      | observed
>
>
>      alpha |      crhrw1      crhrw2      crhrw3      fdferw1      illw2
> illw3      bsianx      injselfr      cumdose2      medcow2      illw1      shhlw1      a
> nxagw1      anxagw2      shhlw3
>
>
>      _cons | -1.412019  -.1804859  -.0353406  22.07386  -.3998345  -.1
> 83713      6.988632  .1369804  .3898304  .2449637  .0615394  8.529275  -9
> .10391      2.239394  14.3201
>
>
>

```

	observed	
alpha	medcow3	shhlw2
_cons	1.153655	.4445597

Covariances of exogenous variables

	observed		
Phi	cumdose1	medcow1	age
observed			
cumdose1	2.800384		
medcow1	-.0751481	4.878303	
age	1.88625	3.858553	147.7409

Means of exogenous variables

	observed		
kappa	cumdose1	medcow1	age
mean	.4323386	.9940653	49.16617