
```

    name: <unnamed>
    log: /Users/robertyaffee/Documents/data/research/chwk/phase2/data/surv
> /wk/TrimmedModelbothsexesDiscreteTimeLogistic3.smcl
    log type: smcl
    opened on: 28 Nov 2011, 15:40:12

```

```

1 . set linesize 220

2 . est clear

3 . set more off

4 . sort id year gender

5 . tab gender

```

respondent's gender	Freq.	Percent	Cum.
1. male	10,540	48.36	48.36
2. female	11,253	51.64	100.00
Total	21,793	100.00	

```

6 . set more off

7 . di "{hline}"

8 . di "{hline 2}" " both males and females Full model" "{hline 2}"
   — both males and females Full model —

9 . di "trimming out all whose sig level > .10
   trimming out all whose sig level > .10

10 . xi: logit outcomec i.year ranown2-ranown25 ranown27-ranown41 ranown43-ranown
    > 48 kmacc kmwork
    i.year          _Iyear_1980-2010    (naturally coded; _Iyear_1980 omitted)

Iteration 0:  log likelihood = -10347.975
Iteration 1:  log likelihood = -9002.4855
Iteration 2:  log likelihood = -8819.8944
Iteration 3:  log likelihood = -8800.2611
Iteration 4:  log likelihood = -8800.2289
Iteration 5:  log likelihood = -8800.2289

```

Logistic regression

Number of obs = 21547

LR chi2(77) = 3095.49

Prob > chi2 = 0.0000

Pseudo R2 = 0.1496

Log likelihood = -8800.2289

outcomec	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
_Iyear_1981	-.3052175	.2616529	-1.17	0.243	-.8180478	.2076127
_Iyear_1982	-.0942886	.2508265	-0.38	0.707	-.5858995	.3973222
_Iyear_1983	-.3836583	.2660842	-1.44	0.149	-.9051738	.1378571
_Iyear_1984	-.2311594	.2576771	-0.90	0.370	-.7361971	.2738784
_Iyear_1985	-.0307121	.2478505	-0.12	0.901	-.5164902	.455066
_Iyear_1986	1.865109	.1993238	9.36	0.000	1.474441	2.255776
_Iyear_1987	1.482825	.2044571	7.25	0.000	1.082096	1.883553
_Iyear_1988	1.538063	.203606	7.55	0.000	1.139002	1.937123
_Iyear_1989	1.354521	.2065884	6.56	0.000	.949615	1.759427
_Iyear_1990	1.437303	.2051881	7.00	0.000	1.035141	1.839464
_Iyear_1991	1.280077	.2079282	6.16	0.000	.8725454	1.687609
_Iyear_1992	1.471559	.2046355	7.19	0.000	1.070481	1.872637
_Iyear_1993	1.448799	.2050009	7.07	0.000	1.047005	1.850594
_Iyear_1994	1.55967	.2032836	7.67	0.000	1.161241	1.958098
_Iyear_1995	1.505135	.2041086	7.37	0.000	1.105089	1.90518
_Iyear_1996	1.723623	.2010234	8.57	0.000	1.329624	2.117621
_Iyear_1997	1.5489	.2034436	7.61	0.000	1.150158	1.947642
_Iyear_1998	1.771967	.2004174	8.84	0.000	1.379156	2.164778
_Iyear_1999	1.809767	.199962	9.05	0.000	1.417849	2.201685
_Iyear_2000	1.927768	.198641	9.70	0.000	1.538439	2.317098
_Iyear_2001	1.837635	.1996364	9.20	0.000	1.446355	2.228915
_Iyear_2002	1.800387	.2000735	9.00	0.000	1.40825	2.192524
_Iyear_2003	1.809767	.199962	9.05	0.000	1.417849	2.201685
_Iyear_2004	1.819101	.199852	9.10	0.000	1.427399	2.210804
_Iyear_2005	1.936563	.1985485	9.75	0.000	1.547415	2.325711
_Iyear_2006	2.022512	.1976866	10.23	0.000	1.635054	2.409971
_Iyear_2007	2.12936	.196718	10.82	0.000	1.7438	2.514921
_Iyear_2008	2.424227	.1945954	12.46	0.000	2.042827	2.805627
_Iyear_2009	2.495045	.194198	12.85	0.000	2.114424	2.875666
_Iyear_2010	2.247927	.2067105	10.87	0.000	1.842782	2.653072
ranown2	3.231395	.3261791	9.91	0.000	2.592096	3.870694
ranown3	.8714384	.2814262	3.10	0.002	.3198531	1.423024
ranown4	2.847172	.2419279	11.77	0.000	2.373002	3.321342
ranown5	-.4713787	.2208485	-2.13	0.033	-.9042339	-.0385235
ranown6	-1.859638	.6153056	-3.02	0.003	-3.065615	-.6536612
ranown7	-.2664784	.3609881	-0.74	0.460	-.9740021	.4410453
ranown8	-.9242534	.2684194	-3.44	0.001	-1.450346	-.3981611
ranown9	-.5906768	.2533857	-2.33	0.020	-1.087304	-.09405
ranown10	3.054917	.3681411	8.30	0.000	2.333374	3.77646
ranown11	1.782275	.3253953	5.48	0.000	1.144512	2.420038
ranown12	1.30216	.4308331	3.02	0.003	.4577426	2.146577

ranown13	2.764868	.3050355	9.06	0.000	2.167009	3.362726
ranown14	1.912399	.4301239	4.45	0.000	1.069372	2.755427
ranown15	-1.187123	.3592898	-3.30	0.001	-1.891318	-.482928
ranown16	-.5339102	.2195709	-2.43	0.015	-.9642612	-.1035591
ranown17	-.9473365	.4343947	-2.18	0.029	-1.798734	-.0959385
ranown18	.4421318	.2511702	1.76	0.078	-.0501528	.9344164
ranown19	2.345254	.2694603	8.70	0.000	1.817121	2.873386
ranown20	.4180189	.2006652	2.08	0.037	.0247224	.8113153
ranown21	-.0564383	.1771533	-0.32	0.750	-.4036524	.2907757
ranown22	2.858435	.3573259	8.00	0.000	2.158089	3.558781
ranown23	.5501006	.3483929	1.58	0.114	-.1327368	1.232938
ranown24	.1234368	.3264224	0.38	0.705	-.5163395	.763213
ranown25	2.597824	.2752057	9.44	0.000	2.058431	3.137218
ranown27	.5375795	.4604951	1.17	0.243	-.3649743	1.440133
ranown28	.8131143	.2275594	3.57	0.000	.3671061	1.259123
ranown29	-2.223259	.4868421	-4.57	0.000	-3.177452	-1.269066
ranown30	.9012451	.3337804	2.70	0.007	.2470475	1.555443
ranown31	.74686	.3098927	2.41	0.016	.1394815	1.354239
ranown32	-2.071014	.5379223	-3.85	0.000	-3.125322	-1.016705
ranown33	.0045506	.3407113	0.01	0.989	-.6632314	.6723325
ranown34	3.07253	.3191489	9.63	0.000	2.44701	3.69805
ranown35	2.356767	.2925344	8.06	0.000	1.78341	2.930124
ranown36	-1.129837	.5506803	-2.05	0.040	-2.20915	-.0505234
ranown37	3.387807	.390344	8.68	0.000	2.622747	4.152867
ranown38	1.997655	.3295583	6.06	0.000	1.351732	2.643577
ranown39	-.2267613	.351864	-0.64	0.519	-.9164021	.4628794
ranown40	-1.083024	.5506709	-1.97	0.049	-2.162319	-.0037283
ranown41	-1.570833	.5435666	-2.89	0.004	-2.636204	-.5054623
ranown43	-1.819118	.4241002	-4.29	0.000	-2.650339	-.9878968
ranown44	-.071118	.3377031	-0.21	0.833	-.7330039	.5907679
ranown45	-.7923379	.473852	-1.67	0.095	-1.721071	.136395
ranown46	-1.350816	.3580309	-3.77	0.000	-2.052544	-.6490885
ranown47	.0110845	.267239	0.04	0.967	-.5126944	.5348633
ranown48	.3942132	.1898011	2.08	0.038	.0222099	.7662165
kmacc	-.0027352	.0009387	-2.91	0.004	-.004575	-.0008954
kmwork	.0025011	.0009352	2.67	0.007	.0006681	.0043341
_cons	-3.128488	.2484613	-12.59	0.000	-3.615463	-2.641513

```

11 .      eststo bothgeo

12 .      estadd nagelkerke

      added scalar:
            e(nagelkerke) =  .21678259

13 .      estadd scalar numparms=e(k)

      added scalar:
            e(numparms) =  78

14 . xi: logit outcomec i.year age female ranown2-ranown25 ranown27-ranown41 rano
    > wn43-ranown48 ///
    >      emplw11-emplw12 emplw14 emplw21 emplw25 emplw31  emplw34 ///
    >      inclw1-inc4w2 inc2w3 inc3w3  occ1w1 occ4w1 occ5w1  jsw1-jsw2
i.year      _Iyear_1980-2010      (naturally coded; _Iyear_1980 omitted)

Iteration 0:  log likelihood = -10347.975
Iteration 1:  log likelihood = -8567.5781
Iteration 2:  log likelihood = -8324.0424
Iteration 3:  log likelihood = -8301.3317
Iteration 4:  log likelihood = -8301.039
Iteration 5:  log likelihood = -8301.0366
Iteration 6:  log likelihood = -8301.0366

Logistic regression                                Number of obs   =      21547
                                                    LR chi2(99)    =     4093.88
                                                    Prob > chi2    =      0.0000
Log likelihood = -8301.0366                      Pseudo R2      =      0.1978

```

outcomec	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
_Iyear_1981	-.3155749	.2660513	-1.19	0.236	-.8370259	.205876
_Iyear_1982	-.0975082	.2550727	-0.38	0.702	-.5974415	.4024252
_Iyear_1983	-.3966395	.2705395	-1.47	0.143	-.9268871	.1336081
_Iyear_1984	-.2390226	.2620214	-0.91	0.362	-.7525752	.27453
_Iyear_1985	-.0317624	.252053	-0.13	0.900	-.5257773	.4622524
_Iyear_1986	1.946246	.2034193	9.57	0.000	1.547551	2.34494
_Iyear_1987	1.541764	.2084413	7.40	0.000	1.133226	1.950301
_Iyear_1988	1.599942	.2076054	7.71	0.000	1.193043	2.006841
_Iyear_1989	1.406951	.21054	6.68	0.000	.9943004	1.819602
_Iyear_1990	1.493882	.2091604	7.14	0.000	1.083935	1.903829
_Iyear_1991	1.328925	.2118628	6.27	0.000	.9136817	1.744169
_Iyear_1992	1.529909	.2086167	7.33	0.000	1.121028	1.93879
_Iyear_1993	1.505969	.2089762	7.21	0.000	1.096383	1.915555
_Iyear_1994	1.622723	.207289	7.83	0.000	1.216444	2.029003
_Iyear_1995	1.565251	.2080989	7.52	0.000	1.157385	1.973118

_Iyear_1996	1.796031	.2050764	8.76	0.000	1.394088	2.197973
_Iyear_1997	1.611367	.207446	7.77	0.000	1.20478	2.017953
_Iyear_1998	1.847288	.2044849	9.03	0.000	1.446505	2.248071
_Iyear_1999	1.887416	.2040408	9.25	0.000	1.487504	2.287329
_Iyear_2000	2.01297	.2027555	9.93	0.000	1.615577	2.410364
_Iyear_2001	1.917029	.2037236	9.41	0.000	1.517738	2.31632
_Iyear_2002	1.877455	.2041495	9.20	0.000	1.477329	2.27758
_Iyear_2003	1.887416	.2040408	9.25	0.000	1.487504	2.287329
_Iyear_2004	1.897332	.2039336	9.30	0.000	1.497629	2.297035
_Iyear_2005	2.022345	.2026657	9.98	0.000	1.625127	2.419562
_Iyear_2006	2.114092	.2018298	10.47	0.000	1.718512	2.509671
_Iyear_2007	2.228463	.2008937	11.09	0.000	1.834719	2.622208
_Iyear_2008	2.545815	.1988607	12.80	0.000	2.156055	2.935575
_Iyear_2009	2.622377	.198485	13.21	0.000	2.233354	3.011401
_Iyear_2010	2.396264	.2114199	11.33	0.000	1.981889	2.810639
age	.0144163	.0027974	5.15	0.000	.0089335	.0198992
female	.1151395	.0432696	2.66	0.008	.0303326	.1999464
ranown2	2.741822	.3390715	8.09	0.000	2.077254	3.40639
ranown3	.2428494	.2918516	0.83	0.405	-.3291693	.8148682
ranown4	3.399594	.2783499	12.21	0.000	2.854038	3.94515
ranown5	-.5322236	.2328882	-2.29	0.022	-.9886761	-.0757711
ranown6	-1.078727	.621012	-1.74	0.082	-2.295888	.1384344
ranown7	-.5245561	.3769909	-1.39	0.164	-1.263445	.2143326
ranown8	-.7625151	.2757116	-2.77	0.006	-1.3029	-.2221303
ranown9	-.8333056	.2637355	-3.16	0.002	-1.350218	-.3163934
ranown10	2.384316	.3789274	6.29	0.000	1.641632	3.127
ranown11	1.821778	.3328164	5.47	0.000	1.16947	2.474086
ranown12	2.142743	.4487804	4.77	0.000	1.263149	3.022336
ranown13	2.317811	.3174415	7.30	0.000	1.695637	2.939984
ranown14	1.721111	.4508719	3.82	0.000	.8374178	2.604803
ranown15	-.8032789	.365246	-2.20	0.028	-1.519148	-.0874099
ranown16	-.3556405	.2293544	-1.55	0.121	-.8051668	.0938858
ranown17	-1.409426	.4452772	-3.17	0.002	-2.282154	-.536699
ranown18	.0601902	.2629943	0.23	0.819	-.4552692	.5756496
ranown19	1.387244	.2843647	4.88	0.000	.8298999	1.944589
ranown20	.1925556	.2117041	0.91	0.363	-.2223768	.607488
ranown21	.1077151	.1839746	0.59	0.558	-.2528685	.4682986
ranown22	2.306782	.3694287	6.24	0.000	1.582715	3.030849
ranown23	.6852255	.3969131	1.73	0.084	-.0927099	1.463161
ranown24	-.7451472	.3367782	-2.21	0.027	-1.40522	-.0850741
ranown25	2.044437	.2865981	7.13	0.000	1.482715	2.606159
ranown27	-.2869682	.470222	-0.61	0.542	-1.208586	.63465
ranown28	.648698	.2402322	2.70	0.007	.1778516	1.119544
ranown29	-1.803119	.4922536	-3.66	0.000	-2.767918	-.8383197
ranown30	.9138093	.3397971	2.69	0.007	.2478192	1.579799
ranown31	.8028054	.3089534	2.60	0.009	.197268	1.408343
ranown32	-2.32586	.5466398	-4.25	0.000	-3.397254	-1.254465
ranown33	-.2074743	.3319137	-0.63	0.532	-.8580133	.4430647
ranown34	2.737678	.3292177	8.32	0.000	2.092423	3.382933

ranown35	1.843082	.3076943	5.99	0.000	1.240012	2.446152
ranown36	-.8763738	.5636504	-1.55	0.120	-1.981108	.2283606
ranown37	2.748647	.4041251	6.80	0.000	1.956577	3.540718
ranown38	1.705494	.3566013	4.78	0.000	1.006569	2.40442
ranown39	-.9136521	.368846	-2.48	0.013	-1.636577	-.1907272
ranown40	-1.62994	.5608133	-2.91	0.004	-2.729114	-.5307664
ranown41	-1.693189	.5529924	-3.06	0.002	-2.777035	-.6093442
ranown43	-1.990801	.431511	-4.61	0.000	-2.836547	-1.145055
ranown44	-.3071408	.3484901	-0.88	0.378	-.9901688	.3758871
ranown45	-.7372994	.4788488	-1.54	0.124	-1.675826	.2012271
ranown46	-1.475207	.3653073	-4.04	0.000	-2.191196	-.7592181
ranown47	-.4550058	.2759784	-1.65	0.099	-.9959136	.0859019
ranown48	.2169708	.1985802	1.09	0.275	-.1722392	.6061808
emplw11	-1.431366	.2439018	-5.87	0.000	-1.909404	-.9533267
emplw12	-.53976	.0790316	-6.83	0.000	-.6946592	-.3848609
emplw14	-1.265489	.5561625	-2.28	0.023	-2.355547	-.1754303
emplw21	-2.090559	.7509337	-2.78	0.005	-3.562361	-.6187556
emplw25	-.5668744	.1134327	-5.00	0.000	-.7891984	-.3445503
emplw31	-.5837267	.0615802	-9.48	0.000	-.7044216	-.4630318
emplw34	-.1463656	.0775276	-1.89	0.059	-.2983168	.0055857
inc1w1	1.404232	.2995758	4.69	0.000	.8170738	1.991389
inc2w1	1.516275	.2936502	5.16	0.000	.9407308	2.091819
inc3w1	1.807161	.2936946	6.15	0.000	1.231531	2.382792
inc4w1	1.716123	.3070368	5.59	0.000	1.114342	2.317904
inc1w2	-1.607435	.3109699	-5.17	0.000	-2.216925	-.9979456
inc2w2	-1.962872	.3020279	-6.50	0.000	-2.554836	-1.370908
inc3w2	-1.91389	.3015595	-6.35	0.000	-2.504936	-1.322844
inc4w2	-3.552078	.3422421	-10.38	0.000	-4.222861	-2.881296
inc2w3	-.5127489	.0590313	-8.69	0.000	-.6284481	-.3970498
inc3w3	-.8988943	.0735628	-12.22	0.000	-1.043075	-.7547138
occ1w1	.1700281	.0598549	2.84	0.005	.0527146	.2873416
occ4w1	-.2363976	.0859757	-2.75	0.006	-.404907	-.0678883
occ5w1	-.6667818	.1237401	-5.39	0.000	-.9093079	-.4242557
jsw1	.0025299	.000917	2.76	0.006	.0007326	.0043273
jsw2	.0048873	.0008067	6.06	0.000	.0033062	.0064683
_cons	-3.011301	.3041617	-9.90	0.000	-3.607447	-2.415155

```

15 .      estadd nagelkerke

      added scalar:
            e(nagelkerke) =  .28031578

16 .      estadd scalar numparms=e(k)

      added scalar:
            e(numparms) =  100

17 .      eststo bothdemsocio

18 .      estadd lrtest bothgeo ., stats

```

```

Likelihood-ratio test                                LR chi2(22) =    998.38
(Assumption: bothgeo nested in .)                   Prob > chi2 =    0.0000

```

Model	Obs	ll(null)	ll(model)	df	AIC	BIC
<u>bothgeo</u>	21547	-10347.97	-8800.229	78	17756.46	18378.74
.	21547	-10347.97	-8301.037	100	16802.07	17599.87

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

```

added scalars:
      e(lrtest_p) =  4.32e-197
      e(lrtest_chi2) =  998.38456
      e(lrtest_df) =  22

```

```

19 .
20 . xi: logit outcomec i.year age female ranown2-ranown25 ranown27-ranown41 rano
> wn43-ranown48 ///
>      emplw11-emplw12 emplw14 emplw21 emplw25 emplw31 ///
>      inclw1-inc4w2 inc2w3 inc3w3 occ1w1 occ4w1 occ5w1 jsw1-jsw2 marrw11-mar
> rw12 marrw14 marrw16 marrw22 ///
>      marrw24-marrw26 marrw31 marrw33 marrw35 childw1-childw3
i.year          _Iyear_1980-2010      (naturally coded; _Iyear_1980 omitted)

```

```

Iteration 0:  log likelihood = -10295.285
Iteration 1:  log likelihood = -8361.3727
Iteration 2:  log likelihood = -8086.4773
Iteration 3:  log likelihood = -8059.6802
Iteration 4:  log likelihood = -8059.291
Iteration 5:  log likelihood = -8059.2867
Iteration 6:  log likelihood = -8059.2867

```

Logistic regression

Number of obs = 21456

LR chi2(112) = 4472.00

Prob > chi2 = 0.0000

Pseudo R2 = 0.2172

Log likelihood = -8059.2867

outcomec	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
_Iyear_1981	-.3200148	.2679277	-1.19	0.232	-.8451433	.2051138
_Iyear_1982	-.0988648	.256842	-0.38	0.700	-.6022659	.4045363
_Iyear_1983	-.4022526	.2724656	-1.48	0.140	-.9362753	.1317701
_Iyear_1984	-.2423695	.2638558	-0.92	0.358	-.7595174	.2747784
_Iyear_1985	-.0322036	.2537974	-0.13	0.899	-.5296373	.4652301
_Iyear_1986	1.982326	.2051632	9.66	0.000	1.580214	2.384439
_Iyear_1987	1.567735	.2101408	7.46	0.000	1.155867	1.979604
_Iyear_1988	1.615494	.2094716	7.71	0.000	1.204938	2.026051
_Iyear_1989	1.416908	.2124356	6.67	0.000	1.000542	1.833275
_Iyear_1990	1.506338	.2110411	7.14	0.000	1.092705	1.919971
_Iyear_1991	1.336665	.2137746	6.25	0.000	.9176739	1.755655
_Iyear_1992	1.54341	.2104921	7.33	0.000	1.130854	1.955967
_Iyear_1993	1.518775	.210855	7.20	0.000	1.105507	1.932044
_Iyear_1994	1.638948	.2091527	7.84	0.000	1.229016	2.04888
_Iyear_1995	1.579784	.2099695	7.52	0.000	1.168252	1.991317
_Iyear_1996	1.817472	.2069255	8.78	0.000	1.411905	2.223038
_Iyear_1997	1.627256	.2093109	7.77	0.000	1.217014	2.037498
_Iyear_1998	1.870308	.2063312	9.06	0.000	1.465907	2.27471
_Iyear_1999	1.911685	.2058855	9.29	0.000	1.508157	2.315213
_Iyear_2000	2.04122	.2045973	9.98	0.000	1.640217	2.442224
_Iyear_2001	1.942227	.2055673	9.45	0.000	1.539322	2.345131
_Iyear_2002	1.901413	.2059945	9.23	0.000	1.497671	2.305155
_Iyear_2003	1.911685	.2058855	9.29	0.000	1.508157	2.315213
_Iyear_2004	1.921911	.2057779	9.34	0.000	1.518594	2.325229
_Iyear_2005	2.050897	.2045074	10.03	0.000	1.65007	2.451724
_Iyear_2006	2.145633	.2036717	10.53	0.000	1.746444	2.544822
_Iyear_2007	2.263822	.2027382	11.17	0.000	1.866463	2.661182
_Iyear_2008	2.59231	.2007245	12.91	0.000	2.198897	2.985722
_Iyear_2009	2.663814	.2003905	13.29	0.000	2.271056	3.056572
_Iyear_2010	2.428488	.2136067	11.37	0.000	2.009826	2.847149
age	.0348429	.0035191	9.90	0.000	.0279455	.0417402
female	.1961009	.0454901	4.31	0.000	.1069419	.2852599
ranown2	2.598173	.3376431	7.70	0.000	1.936405	3.259942
ranown3	.2848168	.2977467	0.96	0.339	-.298756	.8683895
ranown4	3.599781	.2868674	12.55	0.000	3.037531	4.162031
ranown5	-.6115838	.2359648	-2.59	0.010	-1.074066	-.1491012
ranown6	-1.130673	.6232514	-1.81	0.070	-2.352224	.090877
ranown7	-.6841081	.3825284	-1.79	0.074	-1.43385	.0656338
ranown8	-.8457706	.27678	-3.06	0.002	-1.388249	-.3032918
ranown9	-.8520403	.269037	-3.17	0.002	-1.379343	-.3247374
ranown10	2.214768	.381892	5.80	0.000	1.466273	2.963263

ranown11	1.889115	.3360942	5.62	0.000	1.230383	2.547848
ranown12	1.758204	.4530902	3.88	0.000	.8701637	2.646244
ranown13	2.361467	.3252696	7.26	0.000	1.72395	2.998983
ranown14	1.017735	.4643486	2.19	0.028	.1076282	1.927841
ranown15	-.9093606	.3692964	-2.46	0.014	-1.633168	-.1855529
ranown16	-.4275555	.23203	-1.84	0.065	-.8823261	.027215
ranown17	-1.257928	.4499028	-2.80	0.005	-2.139721	-.3761348
ranown18	-.3156192	.2748628	-1.15	0.251	-.8543403	.2231019
ranown19	1.354268	.2905838	4.66	0.000	.7847344	1.923802
ranown20	.0930713	.2178158	0.43	0.669	-.3338398	.5199823
ranown21	.0837292	.1859309	0.45	0.652	-.2806887	.4481471
ranown22	2.020125	.4860811	4.16	0.000	1.067423	2.972826
ranown23	1.248629	.4138898	3.02	0.003	.4374198	2.059838
ranown24	-1.056125	.3418141	-3.09	0.002	-1.726068	-.3861816
ranown25	1.985335	.2865999	6.93	0.000	1.42361	2.547061
ranown27	.4617364	.5286114	0.87	0.382	-.5743229	1.497796
ranown28	.8777549	.2423666	3.62	0.000	.402725	1.352785
ranown29	-1.905981	.4939688	-3.86	0.000	-2.874142	-.9378202
ranown30	.943647	.3413044	2.76	0.006	.2747026	1.612591
ranown31	1.193923	.3204154	3.73	0.000	.5659206	1.821926
ranown32	-2.639846	.5517281	-4.78	0.000	-3.721214	-1.558479
ranown33	-.4605949	.3350511	-1.37	0.169	-1.117283	.1960932
ranown34	2.895207	.3346863	8.65	0.000	2.239234	3.551181
ranown35	1.929235	.3104933	6.21	0.000	1.320679	2.537791
ranown36	-1.01485	.5719304	-1.77	0.076	-2.135813	.1061127
ranown37	2.576839	.4058159	6.35	0.000	1.781455	3.372224
ranown38	1.598166	.3652463	4.38	0.000	.8822963	2.314035
ranown39	-.9535581	.3710462	-2.57	0.010	-1.680795	-.2263209
ranown40	-1.665547	.561492	-2.97	0.003	-2.766051	-.5650432
ranown41	-1.8723	.562457	-3.33	0.001	-2.974695	-.7699045
ranown43	-2.111018	.4429828	-4.77	0.000	-2.979249	-1.242788
ranown44	-.4412479	.3518347	-1.25	0.210	-1.130831	.2483356
ranown45	-.9960902	.4774179	-2.09	0.037	-1.931812	-.0603683
ranown46	-1.447671	.3824364	-3.79	0.000	-2.197233	-.6981096
ranown47	-.4965256	.2753504	-1.80	0.071	-1.036202	.0431513
ranown48	.2515465	.1994575	1.26	0.207	-.1393831	.642476
emplw11	-1.825931	.3062045	-5.96	0.000	-2.426081	-1.225781
emplw12	-.5271079	.0832392	-6.33	0.000	-.6902538	-.363962
emplw14	-1.731569	.5658062	-3.06	0.002	-2.840529	-.6226094
emplw21	-2.321745	.76871	-3.02	0.003	-3.828388	-.8151006
emplw25	-.8344471	.1180421	-7.07	0.000	-1.065805	-.6030888
emplw31	-.578949	.0523008	-11.07	0.000	-.6814567	-.4764414
inc1w1	1.164477	.3034717	3.84	0.000	.5696835	1.759271
inc2w1	1.351246	.2964428	4.56	0.000	.7702291	1.932263
inc3w1	1.725561	.2973839	5.80	0.000	1.1427	2.308423
inc4w1	1.581557	.3105381	5.09	0.000	.9729133	2.1902
inc1w2	-1.580772	.3172088	-4.98	0.000	-2.20249	-.9590546
inc2w2	-2.044108	.3072591	-6.65	0.000	-2.646324	-1.441891
inc3w2	-2.06229	.3076828	-6.70	0.000	-2.665338	-1.459243

inc4w2	-3.508417	.3484471	-10.07	0.000	-4.191361	-2.825473
inc2w3	-.4319953	.0615831	-7.01	0.000	-.5526959	-.3112947
inc3w3	-.7436136	.0761926	-9.76	0.000	-.8929485	-.5942788
occ1w1	.2068633	.0615163	3.36	0.001	.0862936	.327433
occ4w1	-.2029589	.0887037	-2.29	0.022	-.3768149	-.0291028
occ5w1	-.7073801	.1256087	-5.63	0.000	-.9535686	-.4611915
jsw1	.0022153	.0009477	2.34	0.019	.0003577	.0040728
jsw2	.0041132	.0008422	4.88	0.000	.0024624	.005764
marrw11	1.132212	.3564582	3.18	0.001	.4335672	1.830858
marrw12	.8259775	.1685701	4.90	0.000	.4955861	1.156369
marrw14	.8961716	.1554673	5.76	0.000	.5914612	1.200882
marrw16	2.192207	.3063987	7.15	0.000	1.591677	2.792738
marrw22	-1.472191	.1137662	-12.94	0.000	-1.695168	-1.249213
marrw24	-.9788166	.1047102	-9.35	0.000	-1.184045	-.7735884
marrw25	-1.445212	.3320956	-4.35	0.000	-2.096108	-.7943169
marrw26	-2.212441	.2746738	-8.05	0.000	-2.750792	-1.674091
marrw31	1.227627	.1120073	10.96	0.000	1.008096	1.447157
marrw33	.6715623	.07268	9.24	0.000	.5291121	.8140124
marrw35	1.074576	.1136524	9.45	0.000	.8518215	1.297331
childw1	-.2677789	.0514636	-5.20	0.000	-.3686457	-.1669121
childw2	-.3898769	.0601149	-6.49	0.000	-.5077	-.2720538
childw3	.3490839	.0452115	7.72	0.000	.260471	.4376969
_cons	-4.217634	.3716753	-11.35	0.000	-4.946104	-3.489164

21 . estadd nagelkerke

added scalar:

 e(nagelkerke) = .30493631

22 . estadd scalar numparms=e(k)

added scalar:

 e(numparms) = 113

23 . eststo bothfam

```
24 .      estadd lrtest bothdemsocio . , stats force
```

Likelihood-ratio test	LR chi2(13) =	483.50
(Assumption: bothdem socio nested in .)	Prob > chi2 =	0.0000

Model	Obs	ll(null)	ll(model)	df	AIC	BIC
<u>bothdemsocio</u>	21547	-10347.97	-8301.037	100	16802.07	17599.87
.	21456	-10295.29	-8059.287	113	16344.57	17245.61

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

added scalars:

```
e(lrtest_p) = 4.662e-95
e(lrtest_chi2) = 483.4999
e(lrtest df) = 13
```

```

25 .
26 . xi: logit outcomec i.year age female ranown2-ranown25 ranown27-ranown41 rano
> wn43-ranown48 ///
>     emplw11-emplw12 emplw14 emplw21 emplw25 emplw31 ///
>     inclw1-inc4w2 inc2w3 inc3w3 occ1w1 occ4w1 occ5w1 jsw1-jsw2 marrw11-mar
> rw12 marrw14 marrw16 marrw22 ///
>     marrw24-marrw26 marrw31 marrw33 marrw35 childw1-childw3 deaw1-dvcew2 sep
> aw3-movew1 movew3
i.year      _Iyear_ 1980-2010      (naturally coded; _Iyear_ 1980 omitted)

```

```
Iteration 0: log likelihood = -10295.285
Iteration 1: log likelihood = -8052.8345
Iteration 2: log likelihood = -7725.7422
Iteration 3: log likelihood = -7695.4924
Iteration 4: log likelihood = -7695.1507
Iteration 5: log likelihood = -7695.1476
Iteration 6: log likelihood = -7695.1476
```

Logistic regression	Number of obs	=	21456
	LR chi2(129)	=	5200.28
	Prob > chi2	=	0.0000
Log likelihood = -7695.1476	Pseudo R2	=	0.2526

outcomec	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
_Iyear_1981	-.338094	.2754851	-1.23	0.220	-.8780348	.2018468
_Iyear_1982	-.1041707	.263652	-0.40	0.693	-.620919	.4125777
_Iyear_1983	-.425444	.2803629	-1.52	0.129	-.9749452	.1240573
_Iyear_1984	-.2558098	.2711243	-0.94	0.345	-.7872037	.2755841
_Iyear_1985	-.0339072	.2604248	-0.13	0.896	-.5443305	.4765161
_Iyear_1986	2.075492	.2105356	9.86	0.000	1.66285	2.488134
_Iyear_1987	1.640134	.2155021	7.61	0.000	1.217758	2.062511
_Iyear_1988	1.690209	.2148332	7.87	0.000	1.269144	2.111274
_Iyear_1989	1.482128	.2177992	6.81	0.000	1.055249	1.909006
_Iyear_1990	1.575791	.2164026	7.28	0.000	1.151649	1.999932
_Iyear_1991	1.398143	.2191422	6.38	0.000	.9686322	1.827654
_Iyear_1992	1.614638	.2158533	7.48	0.000	1.191573	2.037703
_Iyear_1993	1.588822	.2162164	7.35	0.000	1.165046	2.012598
_Iyear_1994	1.714807	.2145146	7.99	0.000	1.294366	2.135248
_Iyear_1995	1.652766	.2153308	7.68	0.000	1.230725	2.074806
_Iyear_1996	1.902204	.2122919	8.96	0.000	1.486119	2.318288
_Iyear_1997	1.702544	.2146726	7.93	0.000	1.281793	2.123294
_Iyear_1998	1.957719	.2116993	9.25	0.000	1.542796	2.372642
_Iyear_1999	2.00121	.2112551	9.47	0.000	1.587158	2.415263
_Iyear_2000	2.13745	.209972	10.18	0.000	1.725912	2.548987
_Iyear_2001	2.033321	.2109381	9.64	0.000	1.61989	2.446752
_Iyear_2002	1.990412	.2113638	9.42	0.000	1.576146	2.404677
_Iyear_2003	2.00121	.2112551	9.47	0.000	1.587158	2.415263
_Iyear_2004	2.011961	.2111479	9.53	0.000	1.598119	2.425804
_Iyear_2005	2.147632	.2098825	10.23	0.000	1.73627	2.558994
_Iyear_2006	2.247352	.2090505	10.75	0.000	1.83762	2.657083
_Iyear_2007	2.37183	.2081215	11.40	0.000	1.96392	2.779741
_Iyear_2008	2.71805	.2061186	13.19	0.000	2.314065	3.122035
_Iyear_2009	2.793428	.2057867	13.57	0.000	2.390093	3.196762
_Iyear_2010	2.522277	.2193131	11.50	0.000	2.092432	2.952123
age	.030654	.0037715	8.13	0.000	.023262	.0380459
female	.1363755	.048991	2.78	0.005	.0403549	.232396
ranown2	2.073783	.3592935	5.77	0.000	1.36958	2.777985
ranown3	.8707978	.3195871	2.72	0.006	.2444185	1.497177
ranown4	3.383023	.3172385	10.66	0.000	2.761247	4.004799
ranown5	.1435725	.2623584	0.55	0.584	-.3706406	.6577856
ranown6	-.1898487	.6346505	-0.30	0.765	-1.433741	1.054043
ranown7	.6268073	.4035418	1.55	0.120	-.1641202	1.417735
ranown8	-.260469	.3067486	-0.85	0.396	-.8616852	.3407472
ranown9	.0449376	.2900334	0.15	0.877	-.5235174	.6133926
ranown10	2.403551	.4000859	6.01	0.000	1.619397	3.187705
ranown11	1.417333	.3636413	3.90	0.000	.7046094	2.130057
ranown12	1.495823	.4807802	3.11	0.002	.553511	2.438135
ranown13	1.703881	.3355219	5.08	0.000	1.04627	2.361492
ranown14	.612072	.4834918	1.27	0.206	-.3355544	1.559698
ranown15	-.1484321	.3857812	-0.38	0.700	-.9045493	.6076852

ranown16	.2303337	.2651951	0.87	0.385	-.2894392	.7501066
ranown17	-.4472406	.5522379	-0.81	0.418	-1.529607	.6351258
ranown18	-.8283486	.3198954	-2.59	0.010	-1.455332	-.2013651
ranown19	1.073522	.3178054	3.38	0.001	.4506344	1.696409
ranown20	.7879954	.2469071	3.19	0.001	.3040665	1.271924
ranown21	.8789187	.2194563	4.00	0.000	.4487922	1.309045
ranown22	2.052667	.5041285	4.07	0.000	1.064593	3.040741
ranown23	1.080004	.4280398	2.52	0.012	.2410619	1.918947
ranown24	-.4506904	.361304	-1.25	0.212	-1.158833	.2574524
ranown25	1.299664	.3114745	4.17	0.000	.6891849	1.910143
ranown27	-.5148775	.5424445	-0.95	0.343	-1.578049	.5482941
ranown28	.2029887	.2730499	0.74	0.457	-.3321794	.7381567
ranown29	-.8134118	.5070281	-1.60	0.109	-1.807169	.180345
ranown30	-.403337	.3980854	-1.01	0.311	-1.18357	.3768961
ranown31	.7139607	.3519587	2.03	0.043	.0241344	1.403787
ranown32	-2.154363	.5604658	-3.84	0.000	-3.252856	-1.05587
ranown33	.5205596	.3576208	1.46	0.145	-.1803643	1.221484
ranown34	2.435162	.3638061	6.69	0.000	1.722115	3.148208
ranown35	1.161934	.3492591	3.33	0.001	.4773984	1.846469
ranown36	-.4458794	.5882791	-0.76	0.448	-1.598885	.7071265
ranown37	2.265821	.4331487	5.23	0.000	1.416865	3.114777
ranown38	1.301233	.3938245	3.30	0.001	.5293513	2.073115
ranown39	-.3548461	.3877042	-0.92	0.360	-1.114732	.4050401
ranown40	-.7313393	.5724786	-1.28	0.201	-1.853377	.3906981
ranown41	-.4546193	.5702214	-0.80	0.425	-1.572233	.6629941
ranown43	-1.457562	.4629879	-3.15	0.002	-2.365001	-.5501224
ranown44	-.446981	.3710422	-1.20	0.228	-1.17421	.2802484
ranown45	-.0956467	.5024275	-0.19	0.849	-1.080387	.8890931
ranown46	-.4330547	.4020104	-1.08	0.281	-1.220981	.3548713
ranown47	-.4230601	.3205447	-1.32	0.187	-1.051316	.2051959
ranown48	-.0694197	.2289063	-0.30	0.762	-.5180677	.3792284
emplw11	-1.825615	.3217757	-5.67	0.000	-2.456283	-1.194946
emplw12	-.5806872	.085861	-6.76	0.000	-.7489718	-.4124026
emplw14	-1.710133	.57414	-2.98	0.003	-2.835427	-.5848393
emplw21	-2.553214	.7816727	-3.27	0.001	-4.085265	-1.021164
emplw25	-.8957176	.1224119	-7.32	0.000	-1.135641	-.6557946
emplw31	-.637224	.0548179	-11.62	0.000	-.744665	-.529783
inclw1	1.248753	.3177293	3.93	0.000	.6260154	1.871491
inc2w1	1.779106	.31144	5.71	0.000	1.168695	2.389517
inc3w1	2.025362	.3122451	6.49	0.000	1.413372	2.637351
inc4w1	1.721015	.3279332	5.25	0.000	1.078278	2.363753
inclw2	-2.066491	.335246	-6.16	0.000	-2.723561	-1.409421
inc2w2	-2.827137	.3267706	-8.65	0.000	-3.467595	-2.186678
inc3w2	-2.845716	.3267782	-8.71	0.000	-3.486189	-2.205242
inc4w2	-3.807917	.3664493	-10.39	0.000	-4.526144	-3.089689
inc2w3	-.2390709	.0658322	-3.63	0.000	-.3680996	-.1100422
inc3w3	-.3353761	.0818587	-4.10	0.000	-.4958162	-.1749359
occ1w1	.1906423	.0649427	2.94	0.003	.0633568	.3179277
occ4w1	-.2130798	.0931785	-2.29	0.022	-.3957062	-.0304534

occ5w1	-.6104998	.1300988	-4.69	0.000	-.8654887	-.3555109
jsw1	.001269	.0009793	1.30	0.195	-.0006503	.0031883
jsw2	.0049666	.0008799	5.64	0.000	.0032421	.0066911
marrw11	1.206376	.3634404	3.32	0.001	.4940457	1.918706
marrw12	.8138081	.1704832	4.77	0.000	.4796672	1.147949
marrw14	.904451	.1575811	5.74	0.000	.5955977	1.213304
marrw16	2.347639	.3439526	6.83	0.000	1.673504	3.021773
marrw22	-1.452173	.1193497	-12.17	0.000	-1.686094	-1.218252
marrw24	-1.051812	.1099416	-9.57	0.000	-1.267293	-.83633
marrw25	-1.580582	.3442312	-4.59	0.000	-2.255262	-.9059009
marrw26	-2.429855	.2941227	-8.26	0.000	-3.006325	-1.853385
marrw31	1.152856	.1179017	9.78	0.000	.9217731	1.383939
marrw33	.6245946	.0757843	8.24	0.000	.4760601	.7731291
marrw35	1.201127	.1235306	9.72	0.000	.9590117	1.443243
childw1	-.2929559	.0543789	-5.39	0.000	-.3995367	-.1863752
childw2	-.475977	.0634387	-7.50	0.000	-.6003146	-.3516394
childw3	.4185478	.047522	8.81	0.000	.3254065	.5116891
deaw1	.0840002	.040973	2.05	0.040	.0036946	.1643057
deaw2	.0592045	.0297166	1.99	0.046	.000961	.117448
deaw3	.2262113	.0243346	9.30	0.000	.1785163	.2739063
dvcew1	.3337409	.2005254	1.66	0.096	-.0592816	.7267634
dvcew2	.232368	.1324432	1.75	0.079	-.0272158	.4919518
sepaw3	-.2589923	.1219005	-2.12	0.034	-.4979129	-.0200717
accdw1	.4705876	.1222455	3.85	0.000	.2309909	.7101843
accdw2	.1300566	.0641745	2.03	0.043	.0042769	.2558363
accdw3	.5854458	.0677141	8.65	0.000	.4527286	.7181631
cataw1	.7791338	.057377	13.58	0.000	.6666769	.8915907
cataw2	1.868878	.2609237	7.16	0.000	1.357476	2.380279
cataw3	-1.420959	.3163839	-4.49	0.000	-2.04106	-.800858
illw1	.5553322	.049253	11.28	0.000	.4587981	.6518664
illw2	.307393	.0347752	8.84	0.000	.2392349	.3755511
illw3	.2486221	.0287997	8.63	0.000	.1921758	.3050684
movew1	.3644023	.0773277	4.71	0.000	.2128427	.5159618
movew3	.1956636	.0760612	2.57	0.010	.0465864	.3447408
_cons	-5.165816	.3942396	-13.10	0.000	-5.938511	-4.39312

```

27 .      estadd nagelkerke

      added scalar:
            e(nagelkerke) =  .34885102

28 .      estadd scalar numparms=e(k)

      added scalar:
            e(numparms) =  130

29 .      eststo bothBigNegEvnts

30 .      estadd lrtest bothfam ., stats

```

```

Likelihood-ratio test                                LR chi2(17) =    728.28
(Assumption: bothfam nested in .)                   Prob > chi2 =    0.0000

```

Model	Obs	ll(null)	ll(model)	df	AIC	BIC
<u>bothfam</u>	21456	-10295.29	-8059.287	113	16344.57	17245.61
.	21456	-10295.29	-7695.148	130	15650.3	16686.88

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

```

added scalars:
      e(lrtest_p) =  8.47e-144
      e(lrtest_chi2) =  728.27804
      e(lrtest_df) =  17

```

```

31 . xi: logit outcomec i.year age female ranown2-ranown25 ranown27-ranown41 rano
> wn43-ranown48 ///
>      emplw11-emplw12 emplw14 emplw21 emplw25 emplw31 ///
>      inclw1-inc4w2 inc2w3 inc3w3 occ1w1 occ4w1 occ5w1 jsw1-jsw2 marrw11-mar
> rw12 marrw14 marrw16 marrw22 ///
>      marrw24-marrw26 marrw31 marrw33 marrw35 childw1-childw3 deaw2 deaw3 dvce
> w1 dvcew3 sepaw3-movew1 movew3 ///
>      shjobw1-shfamw3 shhlw2 shhlw3 shfincw1 shhousw3
i.year      _Iyear_1980-2010      (naturally coded; _Iyear_1980 omitted)

```

```

Iteration 0:  log likelihood = -10245.297
Iteration 1:  log likelihood = -7776.2821
Iteration 2:  log likelihood = -7383.3244
Iteration 3:  log likelihood = -7350.2019
Iteration 4:  log likelihood = -7349.8396
Iteration 5:  log likelihood = -7349.8365
Iteration 6:  log likelihood = -7349.8365

```

Logistic regression

Number of obs = 21335

LR chi2(138) = 5790.92

Prob > chi2 = 0.0000

Log likelihood = -7349.8365

Pseudo R2 = 0.2826

outcomec	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
_Iyear_1981	-.3548445	.2822492	-1.26	0.209	-.9080428	.1983538
_Iyear_1982	-.1091853	.2699262	-0.40	0.686	-.638231	.4198604
_Iyear_1983	-.4467042	.2873118	-1.55	0.120	-1.009825	.1164166
_Iyear_1984	-.2683672	.2777139	-0.97	0.334	-.8126765	.2759421
_Iyear_1985	-.0355231	.2665585	-0.13	0.894	-.5579683	.486922
_Iyear_1986	2.132638	.215587	9.89	0.000	1.710095	2.55518
_Iyear_1987	1.689244	.2204438	7.66	0.000	1.257183	2.121306
_Iyear_1988	1.741432	.2197696	7.92	0.000	1.310692	2.172172
_Iyear_1989	1.510292	.2229907	6.77	0.000	1.073238	1.947346
_Iyear_1990	1.622199	.2213543	7.33	0.000	1.188352	2.056045
_Iyear_1991	1.451963	.2239043	6.48	0.000	1.013118	1.890807
_Iyear_1992	1.676001	.2206196	7.60	0.000	1.243594	2.108407
_Iyear_1993	1.649268	.2209805	7.46	0.000	1.216155	2.082382
_Iyear_1994	1.779784	.2192928	8.12	0.000	1.349978	2.20959
_Iyear_1995	1.715493	.220101	7.79	0.000	1.284103	2.146883
_Iyear_1996	1.974244	.2171057	9.09	0.000	1.548725	2.399764
_Iyear_1997	1.754289	.219608	7.99	0.000	1.323865	2.184713
_Iyear_1998	2.031943	.2165265	9.38	0.000	1.607559	2.456327
_Iyear_1999	2.054659	.2163068	9.50	0.000	1.630705	2.478612
_Iyear_2000	2.208414	.214937	10.27	0.000	1.787145	2.629683
_Iyear_2001	2.110592	.2157852	9.78	0.000	1.687661	2.533524
_Iyear_2002	2.054659	.2163068	9.50	0.000	1.630705	2.478612
_Iyear_2003	2.077176	.2160935	9.61	0.000	1.653641	2.500712
_Iyear_2004	2.077176	.2160935	9.61	0.000	1.653641	2.500712
_Iyear_2005	2.219072	.2148494	10.33	0.000	1.797975	2.640169
_Iyear_2006	2.333773	.2139631	10.91	0.000	1.914413	2.753133
_Iyear_2007	2.454134	.2131399	11.51	0.000	2.036387	2.871881
_Iyear_2008	2.8188	.2112464	13.34	0.000	2.404765	3.232835
_Iyear_2009	2.898486	.2109421	13.74	0.000	2.485047	3.311925
_Iyear_2010	2.574335	.2243999	11.47	0.000	2.134519	3.014151
age	.0227039	.0040187	5.65	0.000	.0148274	.0305804
female	.188951	.0522419	3.62	0.000	.0865589	.2913432
ranown2	1.712914	.3785122	4.53	0.000	.9710436	2.454784
ranown3	.9096353	.3249917	2.80	0.005	.2726633	1.546607
ranown4	3.258006	.3386266	9.62	0.000	2.59431	3.921702
ranown5	.0541288	.2729806	0.20	0.843	-.4809032	.5891609
ranown6	.0773752	.6441871	0.12	0.904	-1.185208	1.339959
ranown7	.30111	.4334937	0.69	0.487	-.548522	1.150742
ranown8	-.4432434	.3141982	-1.41	0.158	-1.05906	.1725737
ranown9	-.0292757	.3005053	-0.10	0.922	-.6182553	.559704
ranown10	2.156203	.412116	5.23	0.000	1.348471	2.963936

ranown11	1.716949	.3719438	4.62	0.000	.9879527	2.445946
ranown12	1.50061	.5016126	2.99	0.003	.517467	2.483752
ranown13	1.590694	.3593925	4.43	0.000	.8862978	2.295091
ranown14	-.9392887	.5019061	-1.87	0.061	-1.923007	.0444293
ranown15	-.0881247	.3942391	-0.22	0.823	-.8608191	.6845698
ranown16	.1446554	.2745268	0.53	0.598	-.3934072	.6827179
ranown17	-.7082912	.4880827	-1.45	0.147	-1.664916	.2483333
ranown18	-.5521307	.3433289	-1.61	0.108	-1.225043	.1207817
ranown19	.5282661	.3311811	1.60	0.111	-.1208369	1.177369
ranown20	.1599246	.2557284	0.63	0.532	-.341294	.6611431
ranown21	.6220739	.2261614	2.75	0.006	.1788057	1.065342
ranown22	2.045832	.5272233	3.88	0.000	1.012494	3.079171
ranown23	.5404894	.441134	1.23	0.220	-.3241173	1.405096
ranown24	-.3269489	.371202	-0.88	0.378	-1.054491	.4005937
ranown25	.5235606	.3289743	1.59	0.111	-.1212173	1.168338
ranown27	-.4206961	.5540353	-0.76	0.448	-1.506585	.6651931
ranown28	.0335091	.285177	0.12	0.906	-.5254276	.5924458
ranown29	-.7633668	.5109649	-1.49	0.135	-1.76484	.238106
ranown30	-.4875499	.3983164	-1.22	0.221	-1.268236	.293136
ranown31	.9219874	.3476271	2.65	0.008	.2406508	1.603324
ranown32	-1.79036	.5786034	-3.09	0.002	-2.924402	-.6563181
ranown33	.3515917	.3690846	0.95	0.341	-.3718007	1.074984
ranown34	1.865727	.3784554	4.93	0.000	1.123968	2.607485
ranown35	.4195098	.3611636	1.16	0.245	-.2883577	1.127377
ranown36	.1652676	.5954667	0.28	0.781	-1.001826	1.332361
ranown37	1.754098	.4412918	3.97	0.000	.8891825	2.619014
ranown38	.4729575	.4043839	1.17	0.242	-.3196205	1.265535
ranown39	-.8177169	.4094698	-2.00	0.046	-1.620263	-.0151709
ranown40	-.5395567	.5815321	-0.93	0.354	-1.679339	.6002253
ranown41	-.51155	.5688133	-0.90	0.368	-1.626404	.6033036
ranown43	-1.320855	.4595147	-2.87	0.004	-2.221487	-.4202226
ranown44	.1203182	.3802216	0.32	0.752	-.6249024	.8655388
ranown45	-.0857331	.5149618	-0.17	0.868	-1.09504	.9235734
ranown46	-1.052847	.4148952	-2.54	0.011	-1.866027	-.2396672
ranown47	-.4235755	.3206819	-1.32	0.187	-1.052101	.2049495
ranown48	.0268917	.2370095	0.11	0.910	-.4376384	.4914218
emplw11	-1.776853	.3478992	-5.11	0.000	-2.458723	-1.094983
emplw12	-.5872624	.0881486	-6.66	0.000	-.7600304	-.4144943
emplw14	-1.680642	.5916435	-2.84	0.005	-2.840242	-.5210418
emplw21	-1.907039	.7913887	-2.41	0.016	-3.458132	-.3559457
emplw25	-.4026799	.1277647	-3.15	0.002	-.6530942	-.1522657
emplw31	-.2926869	.0606077	-4.83	0.000	-.4114758	-.1738979
inc1w1	.2602049	.3326027	0.78	0.434	-.3916844	.9120942
inc2w1	.9502857	.3248851	2.92	0.003	.3135226	1.587049
inc3w1	1.121441	.3266139	3.43	0.001	.4812901	1.761593
inc4w1	.7758752	.3431943	2.26	0.024	.1032268	1.448524
inc1w2	-1.514081	.3483812	-4.35	0.000	-2.196895	-.831266
inc2w2	-2.464772	.3386083	-7.28	0.000	-3.128432	-1.801112
inc3w2	-2.44985	.3380327	-7.25	0.000	-3.112382	-1.787319

inc4w2	-3.181419	.3800062	-8.37	0.000	-3.926218	-2.436621
inc2w3	-.0340622	.0684541	-0.50	0.619	-.1682297	.1001054
inc3w3	-.2498121	.0871575	-2.87	0.004	-.4206376	-.0789867
occ1w1	.1579226	.0678527	2.33	0.020	.0249338	.2909114
occ4w1	-.2464863	.0967755	-2.55	0.011	-.4361629	-.0568097
occ5w1	-.9904079	.1431151	-6.92	0.000	-1.270908	-.7099075
jsw1	.0012805	.0010067	1.27	0.203	-.0006926	.0032535
jsw2	.0069827	.0009254	7.55	0.000	.0051689	.0087964
marrw11	.5098756	.3954299	1.29	0.197	-.2651528	1.284904
marrw12	.6547008	.176614	3.71	0.000	.3085437	1.000858
marrw14	.6737542	.1661826	4.05	0.000	.3480423	.9994661
marrw16	2.265142	.356634	6.35	0.000	1.566152	2.964132
marrw22	-1.376556	.1250385	-11.01	0.000	-1.621627	-1.131486
marrw24	-.8420312	.1153318	-7.30	0.000	-1.068077	-.615985
marrw25	-1.371983	.3572201	-3.84	0.000	-2.072122	-.6718449
marrw26	-2.422227	.3004845	-8.06	0.000	-3.011166	-1.833289
marrw31	1.005941	.1227955	8.19	0.000	.7652665	1.246616
marrw33	.4927183	.0796427	6.19	0.000	.3366215	.6488151
marrw35	1.262751	.1469345	8.59	0.000	.9747648	1.550737
childw1	-.3102079	.0571932	-5.42	0.000	-.4223045	-.1981113
childw2	-.5029011	.0662127	-7.60	0.000	-.6326756	-.3731266
childw3	.4600201	.050348	9.14	0.000	.3613398	.5587004
deaw2	.1238108	.0309015	4.01	0.000	.0632451	.1843766
deaw3	.2843741	.0255677	11.12	0.000	.2342623	.334486
dvcew1	.4008668	.2208619	1.82	0.070	-.0320144	.8337481
dvcew3	-.1380079	.1265607	-1.09	0.276	-.3860623	.1100465
sepaw3	-.4082508	.1311506	-3.11	0.002	-.6653012	-.1512004
accdw1	.4472815	.1289889	3.47	0.001	.1944678	.7000951
accdw2	.2369247	.0653221	3.63	0.000	.1088957	.3649536
accdw3	.5396885	.0705101	7.65	0.000	.4014912	.6778858
cataw1	.4340364	.061811	7.02	0.000	.312889	.5551838
cataw2	2.025984	.272672	7.43	0.000	1.491557	2.560411
cataw3	-.7588796	.3127858	-2.43	0.015	-1.371928	-.1458308
illw1	.5245748	.049994	10.49	0.000	.4265883	.6225613
illw2	.2368771	.0356031	6.65	0.000	.1670963	.3066579
illw3	.0904664	.0310824	2.91	0.004	.029546	.1513867
movew1	.2307278	.0753719	3.06	0.002	.0830017	.378454
movew3	.3397136	.0763442	4.45	0.000	.1900817	.4893456
shjobw1	.0133001	.0009246	14.38	0.000	.0114878	.0151123
shjobw2	-.0081883	.0009715	-8.43	0.000	-.0100924	-.0062841
shjobw3	-.0044832	.0008314	-5.39	0.000	-.0061126	-.0028538
shfamw1	.0042554	.001023	4.16	0.000	.0022504	.0062603
shfamw2	.0072217	.0009776	7.39	0.000	.0053056	.0091378
shfamw3	.0045165	.0009445	4.78	0.000	.0026653	.0063678
shhlw2	-.0017288	.0009942	-1.74	0.082	-.0036774	.0002198
shhlw3	.0018897	.0009487	1.99	0.046	.0000304	.0037491
shfincw1	-.0065255	.0010536	-6.19	0.000	-.0085906	-.0044605
shhousw3	.0050043	.0008778	5.70	0.000	.0032839	.0067247
_cons	-5.143775	.4113006	-12.51	0.000	-5.94991	-4.337641

```

32 .      estadd nagelkerke

      added scalar:
            e(nagelkerke) =  .38509986

33 .      estadd scalar numparms=e(k)

      added scalar:
            e(numparms) =  139

34 .      eststo bothBigNegEvnts

35 . xi: logit outcomec i.year age female ranown2-ranown25 ranown27-ranown41 rano
> wn43-ranown48 ///
>      emplw11-emplw12 emplw14 emplw21 emplw25 emplw31 ///
>      inclw2-inc4w2 inc3w3  occ1w1 occ4w1 occ5w1 jsw2 marrw12 marrw14 marrw16
> marrw22 ///
>      marrw24-marrw26 marrw31 marrw33 marrw35 childw1-childw3 deaw2 deaw3 dvce
> w1 dvcew3 sepaw3-movew1 movew3 ///
>      shjobw1-shfamw3 shfincw1 shhousw3 suprtw1-sufamw1 sufamw3-suchrw1 suchr
> w3
i.year      _Iyear_1980-2010      (naturally coded; _Iyear_1980 omitted)

Iteration 0:  log likelihood = -10149.852
Iteration 1:  log likelihood = -7682.0491
Iteration 2:  log likelihood = -7281.4257
Iteration 3:  log likelihood = -7243.9623
Iteration 4:  log likelihood = -7243.6803
Iteration 5:  log likelihood = -7243.6785
Iteration 6:  log likelihood = -7243.6785

Logistic regression                                Number of obs   =      21151
                                                    LR chi2(136)    =      5812.35
                                                    Prob > chi2     =      0.0000
Log likelihood = -7243.6785                      Pseudo R2      =      0.2863

```

outcomec	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
_Iyear_1981	-.3156003	.2819972	-1.12	0.263	-.8683046	.2371041
_Iyear_1982	-.0729796	.2702036	-0.27	0.787	-.602569	.4566098
_Iyear_1983	-.4059978	.2868195	-1.42	0.157	-.9681538	.1561581
_Iyear_1984	-.2303328	.2776663	-0.83	0.407	-.7745487	.3138832
_Iyear_1985	-.0729796	.2702036	-0.27	0.787	-.602569	.4566098
_Iyear_1986	2.162131	.2172339	9.95	0.000	1.73636	2.587901
_Iyear_1987	1.713077	.2220922	7.71	0.000	1.277784	2.14837
_Iyear_1988	1.765925	.2214159	7.98	0.000	1.331958	2.199892
_Iyear_1989	1.531848	.2246505	6.82	0.000	1.091541	1.972154
_Iyear_1990	1.645182	.2230062	7.38	0.000	1.208098	2.082266
_Iyear_1991	1.472769	.2255692	6.53	0.000	1.030661	1.914876
_Iyear_1992	1.699666	.2222686	7.65	0.000	1.264028	2.135304
_Iyear_1993	1.672595	.2226309	7.51	0.000	1.236246	2.108943
_Iyear_1994	1.804762	.220938	8.17	0.000	1.371731	2.237792
_Iyear_1995	1.739658	.2217483	7.85	0.000	1.305039	2.174276
_Iyear_1996	2.001691	.2187492	9.15	0.000	1.57295	2.430431
_Iyear_1997	1.778944	.2212539	8.04	0.000	1.345295	2.212594
_Iyear_1998	2.036914	.2183969	9.33	0.000	1.608865	2.464964
_Iyear_1999	2.083139	.2179515	9.56	0.000	1.655962	2.510316
_Iyear_2000	2.238905	.2165868	10.34	0.000	1.814403	2.663408
_Iyear_2001	2.105947	.2177388	9.67	0.000	1.679187	2.532708
_Iyear_2002	2.07166	.2180603	9.50	0.000	1.644269	2.49905
_Iyear_2003	2.105947	.2177388	9.67	0.000	1.679187	2.532708
_Iyear_2004	2.105947	.2177388	9.67	0.000	1.679187	2.532708
_Iyear_2005	2.238905	.2165868	10.34	0.000	1.814403	2.663408
_Iyear_2006	2.355566	.2156939	10.92	0.000	1.932814	2.778319
_Iyear_2007	2.477985	.2148672	11.53	0.000	2.056853	2.899117
_Iyear_2008	2.849005	.2129799	13.38	0.000	2.431572	3.266438
_Iyear_2009	2.921175	.212711	13.73	0.000	2.50427	3.338081
_Iyear_2010	2.647547	.2260435	11.71	0.000	2.20451	3.090585
age	.0209458	.0040218	5.21	0.000	.0130633	.0288284
female	.1928394	.0527939	3.65	0.000	.0893651	.2963136
ranown2	1.051681	.3771186	2.79	0.005	.3125425	1.79082
ranown3	1.047744	.3295113	3.18	0.001	.4019134	1.693574
ranown4	2.444293	.3213859	7.61	0.000	1.814388	3.074198
ranown5	-.0289519	.2805897	-0.10	0.918	-.5788977	.5209939
ranown6	.5534354	.6454292	0.86	0.391	-.7115825	1.818453
ranown7	-.5126252	.506051	-1.01	0.311	-1.504467	.4792165
ranown8	-.502113	.3222709	-1.56	0.119	-1.133752	.1295264
ranown9	-.2344843	.3173443	-0.74	0.460	-.8564677	.387499
ranown10	2.044758	.4365923	4.68	0.000	1.189053	2.900464
ranown11	1.687669	.3776218	4.47	0.000	.9475436	2.427794
ranown12	1.603885	.5077038	3.16	0.002	.6088041	2.598966
ranown13	1.268835	.3677116	3.45	0.001	.5481338	1.989537
ranown14	-.3235432	.503881	-0.64	0.521	-1.311132	.6640455
ranown15	-.0559946	.4030359	-0.14	0.890	-.8459306	.7339413

ranown16	.3189886	.2811601	1.13	0.257	-.2320751	.8700523
ranown17	-1.072089	.4962439	-2.16	0.031	-2.044709	-.0994686
ranown18	-.5494143	.345693	-1.59	0.112	-1.22696	.1281316
ranown19	.7731799	.3527894	2.19	0.028	.0817254	1.464634
ranown20	-.0026003	.263063	-0.01	0.992	-.5181943	.5129936
ranown21	.643033	.234117	2.75	0.006	.184172	1.101894
ranown22	3.076186	.5255203	5.85	0.000	2.046186	4.106187
ranown23	.038179	.4002723	0.10	0.924	-.7463402	.8226982
ranown24	-.3247604	.3811632	-0.85	0.394	-1.071826	.4223057
ranown25	.1464729	.3398256	0.43	0.666	-.5195731	.8125189
ranown27	-.6803243	.5520702	-1.23	0.218	-1.762362	.4017134
ranown28	.0558888	.2888775	0.19	0.847	-.5103007	.6220783
ranown29	-.7543588	.5165196	-1.46	0.144	-1.766719	.2580011
ranown30	-.7638101	.4005163	-1.91	0.057	-1.548808	.0211875
ranown31	.7545373	.3567217	2.12	0.034	.0553757	1.453699
ranown32	-1.352823	.577058	-2.34	0.019	-2.483836	-.2218102
ranown33	.5701626	.3725489	1.53	0.126	-.1600199	1.300345
ranown34	1.225971	.3772072	3.25	0.001	.4866584	1.965283
ranown35	.3734122	.3690578	1.01	0.312	-.3499279	1.096752
ranown36	.0075335	.6069026	0.01	0.990	-1.181974	1.197041
ranown37	1.484678	.4469135	3.32	0.001	.6087435	2.360612
ranown38	.9290899	.4209747	2.21	0.027	.1039947	1.754185
ranown39	-.6439074	.4111056	-1.57	0.117	-1.44966	.1618448
ranown40	-.3175806	.5892404	-0.54	0.590	-1.47247	.8373093
ranown41	-.8905461	.7680189	-1.16	0.246	-2.395835	.6147433
ranown43	-1.271201	.4628141	-2.75	0.006	-2.1783	-.3641018
ranown44	.1464079	.3852184	0.38	0.704	-.6086064	.9014221
ranown45	-.4997613	.5192823	-0.96	0.336	-1.517536	.5180133
ranown46	-1.336251	.4193475	-3.19	0.001	-2.158157	-.5143455
ranown47	-.4012094	.3252057	-1.23	0.217	-1.038601	.236182
ranown48	-.0378263	.2448483	-0.15	0.877	-.5177202	.4420675
emplw11	-1.610431	.297321	-5.42	0.000	-2.193169	-1.027692
emplw12	-.3665368	.0698533	-5.25	0.000	-.5034467	-.2296268
emplw14	-1.202139	.5885387	-2.04	0.041	-2.355653	-.0486242
emplw21	-1.66389	.7762988	-2.14	0.032	-3.185408	-.1423728
emplw25	-.2504384	.1281106	-1.95	0.051	-.5015306	.0006537
emplw31	-.2349678	.0618053	-3.80	0.000	-.3561039	-.1138317
inclw2	-.2321229	.1237302	-1.88	0.061	-.4746297	.0103839
inc2w2	-.8800301	.1108267	-7.94	0.000	-1.097246	-.6628138
inc3w2	-.7638652	.1188609	-6.43	0.000	-.9968282	-.5309022
inc4w2	-1.78923	.2066959	-8.66	0.000	-2.194346	-1.384113
inc3w3	-.3656191	.067494	-5.42	0.000	-.497905	-.2333332
occ1w1	.1927981	.0678397	2.84	0.004	.0598347	.3257615
occ4w1	-.1426939	.0967189	-1.48	0.140	-.3322594	.0468717
occ5w1	-.9803862	.1453361	-6.75	0.000	-1.26524	-.6955326
jsw2	.0077736	.0008996	8.64	0.000	.0060104	.0095369
marrw12	.5941384	.1585136	3.75	0.000	.2834574	.9048193
marrw14	.3366668	.1511844	2.23	0.026	.0403509	.6329827
marrw16	1.505949	.3392169	4.44	0.000	.8410958	2.170802

marrw22	-1.23989	.1264942	-9.80	0.000	-1.487814	-.9919661
marrw24	-.7976384	.1166643	-6.84	0.000	-1.026296	-.5689805
marrw25	-1.280339	.355047	-3.61	0.000	-1.976218	-.5844596
marrw26	-1.700433	.2863244	-5.94	0.000	-2.261618	-1.139247
marrw31	.997979	.1231885	8.10	0.000	.756534	1.239424
marrw33	.6317333	.1005675	6.28	0.000	.4346245	.828842
marrw35	1.279396	.1474533	8.68	0.000	.9903929	1.568399
childw1	-.2854897	.058032	-4.92	0.000	-.3992303	-.1717491
childw2	-.4868476	.0651022	-7.48	0.000	-.6144456	-.3592496
childw3	.4212822	.0485154	8.68	0.000	.3261937	.5163707
deaw2	.0849645	.0309888	2.74	0.006	.0242276	.1457013
deaw3	.2505466	.025046	10.00	0.000	.2014572	.2996359
dvcew1	.5060925	.221335	2.29	0.022	.0722839	.939901
dvcew3	-.2377068	.124367	-1.91	0.056	-.4814617	.0060481
sepaw3	-.4012968	.1316662	-3.05	0.002	-.6593578	-.1432358
accdw1	.3959687	.1305901	3.03	0.002	.1400169	.6519206
accdw2	.2525017	.0653826	3.86	0.000	.1243542	.3806492
accdw3	.6288442	.0702853	8.95	0.000	.4910876	.7666009
cataw1	.4228326	.0625782	6.76	0.000	.3001815	.5454837
cataw2	2.140764	.2742544	7.81	0.000	1.603235	2.678293
cataw3	-.5323306	.314047	-1.70	0.090	-1.147851	.0831903
illw1	.4726265	.05074	9.31	0.000	.373178	.572075
illw2	.2039505	.0358184	5.69	0.000	.1337477	.2741533
illw3	.1167915	.0311011	3.76	0.000	.0558345	.1777486
movew1	.2652043	.0761907	3.48	0.000	.1158734	.4145353
movew3	.4138727	.0771468	5.36	0.000	.2626677	.5650777
shjobw1	.0131144	.0009266	14.15	0.000	.0112983	.0149305
shjobw2	-.0077147	.0009006	-8.57	0.000	-.0094799	-.0059496
shjobw3	-.0048413	.0008255	-5.86	0.000	-.0064592	-.0032234
shfamw1	.0018317	.00103	1.78	0.075	-.0001871	.0038505
shfamw2	.0065954	.0009969	6.62	0.000	.0046415	.0085493
shfamw3	.0042757	.0009196	4.65	0.000	.0024733	.006078
shfincw1	-.003819	.0010013	-3.81	0.000	-.0057815	-.0018565
shhousw3	.0061396	.0008405	7.30	0.000	.0044923	.0077869
suprtw1	.009506	.0014964	6.35	0.000	.0065731	.0124388
suprtw2	-.0034869	.0006731	-5.18	0.000	-.0048062	-.0021676
suprtw3	-.0021647	.0010262	-2.11	0.035	-.0041759	-.0001534
sufamw1	.0065471	.0014789	4.43	0.000	.0036485	.0094458
sufamw3	.0031469	.0009975	3.15	0.002	.0011918	.0051019
suchrw1	-.0073222	.0021825	-3.36	0.001	-.0115998	-.0030446
suchrw3	.0024105	.0010877	2.22	0.027	.0002786	.0045424
_cons	-5.931056	.4202501	-14.11	0.000	-6.754731	-5.107381

```

36 .      estadd nagelkerke

      added scalar:
            e(nagelkerke) =  .38942163

37 .      estadd scalar numparms=e(k)

      added scalar:
            e(numparms) =  137

38 .      eststo support

39 . xi: logit outcomec i.year age female ranown2-ranown25 ranown27-ranown41 rano
> wn43-ranown48 ///
>      emplw11-emplw12 emplw14 emplw21 emplw25 emplw31 ///
>      inclw2-inc4w2 inc3w3  occ1w1 occ4w1 occ5w1 jsw2 marrw12 marrw14 marrw16
> marrw22 ///
>      marrw24-marrw26 marrw31 marrw33 marrw35 childw1-childw3 deaw2 deaw3 dvce
> w1 sepaw3-cataw2 illw1 illw2 movew1 movew3 ///
>      shjobw1-shfamw3 shfincw1 shhousw3 suprtw1 suprtw2 sufamw1 sufamw3-suchr
> w1 suchrw3 phlthw1-mhlthw2
i.year      _Iyear_1980-2010      (naturally coded; _Iyear_1980 omitted)

Iteration 0:  log likelihood = -10149.852
Iteration 1:  log likelihood = -7581.7622
Iteration 2:  log likelihood = -7160.6077
Iteration 3:  log likelihood = -7121.6079
Iteration 4:  log likelihood = -7121.3229
Iteration 5:  log likelihood = -7121.321
Iteration 6:  log likelihood = -7121.321

Logistic regression                                Number of obs   =      21151
                                                    LR chi2(137)    =     6057.06
                                                    Prob > chi2     =      0.0000
Log likelihood = -7121.321                        Pseudo R2       =      0.2984

```

outcomec	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
_Iyear_1981	-.3177405	.2829389	-1.12	0.261	-.8722905	.2368094
_Iyear_1982	-.0735306	.2712209	-0.27	0.786	-.6051139	.4580527
_Iyear_1983	-.4086364	.2877288	-1.42	0.156	-.9725744	.1553016
_Iyear_1984	-.2319566	.2786365	-0.83	0.405	-.7780742	.3141609
_Iyear_1985	-.0735306	.2712209	-0.27	0.786	-.6051139	.4580527
_Iyear_1986	2.193183	.2184436	10.04	0.000	1.765042	2.621325
_Iyear_1987	1.735535	.223294	7.77	0.000	1.297887	2.173184
_Iyear_1988	1.789348	.2226188	8.04	0.000	1.353023	2.225673
_Iyear_1989	1.551107	.2258481	6.87	0.000	1.108453	1.993761
_Iyear_1990	1.666422	.2242065	7.43	0.000	1.226985	2.105858

_Iyear_1991	1.491023	.2267652	6.58	0.000	1.046572	1.935475
_Iyear_1992	1.721882	.2234702	7.71	0.000	1.283888	2.159875
_Iyear_1993	1.694324	.2238319	7.57	0.000	1.255621	2.133026
_Iyear_1994	1.828902	.2221417	8.23	0.000	1.393512	2.264292
_Iyear_1995	1.762599	.2229506	7.91	0.000	1.325624	2.199575
_Iyear_1996	2.029575	.2199563	9.23	0.000	1.598468	2.460681
_Iyear_1997	1.802607	.2224571	8.10	0.000	1.366599	2.238615
_Iyear_1998	2.065486	.2196046	9.41	0.000	1.635069	2.495903
_Iyear_1999	2.112619	.21916	9.64	0.000	1.683073	2.542165
_Iyear_2000	2.271507	.2177978	10.43	0.000	1.844631	2.698382
_Iyear_2001	2.135879	.2189476	9.76	0.000	1.70675	2.565009
_Iyear_2002	2.100913	.2192686	9.58	0.000	1.671155	2.530672
_Iyear_2003	2.135879	.2189476	9.76	0.000	1.70675	2.565009
_Iyear_2004	2.135879	.2189476	9.76	0.000	1.70675	2.565009
_Iyear_2005	2.271507	.2177978	10.43	0.000	1.844631	2.698382
_Iyear_2006	2.390556	.2169067	11.02	0.000	1.965427	2.815686
_Iyear_2007	2.51552	.2160818	11.64	0.000	2.092007	2.939033
_Iyear_2008	2.8944	.2142001	13.51	0.000	2.474575	3.314224
_Iyear_2009	2.968108	.2139322	13.87	0.000	2.548808	3.387407
_Iyear_2010	2.701138	.2274669	11.87	0.000	2.255311	3.146965
age	.0195642	.00416	4.70	0.000	.0114107	.0277176
female	.1805683	.0540719	3.34	0.001	.0745893	.2865474
ranown2	1.095449	.3835146	2.86	0.004	.3437744	1.847124
ranown3	1.066171	.3327436	3.20	0.001	.4140052	1.718336
ranown4	2.592152	.3244889	7.99	0.000	1.956165	3.228139
ranown5	.1997912	.2841489	0.70	0.482	-.3571305	.7567129
ranown6	.4695937	.6440185	0.73	0.466	-.7926593	1.731847
ranown7	.0017076	.5116681	0.00	0.997	-1.001143	1.004559
ranown8	-.1689805	.3224073	-0.52	0.600	-.8008872	.4629263
ranown9	-.0134804	.3199855	-0.04	0.966	-.6406404	.6136797
ranown10	1.274211	.4321289	2.95	0.003	.4272535	2.121168
ranown11	1.72977	.3823774	4.52	0.000	.9803239	2.479216
ranown12	4.099076	.5460714	7.51	0.000	3.028795	5.169356
ranown13	1.647965	.373446	4.41	0.000	.9160239	2.379905
ranown14	.0067936	.5051188	0.01	0.989	-.9832212	.9968083
ranown15	.0553697	.398201	0.14	0.889	-.7250899	.8358294
ranown16	.1304671	.2824642	0.46	0.644	-.4231527	.6840868
ranown17	-.9953629	.5045607	-1.97	0.049	-1.984284	-.006442
ranown18	-.0875998	.3508308	-0.25	0.803	-.7752155	.6000159
ranown19	.8830652	.3494244	2.53	0.011	.198206	1.567924
ranown20	-.3302925	.2639496	-1.25	0.211	-.8476243	.1870393
ranown21	.6130627	.2327767	2.63	0.008	.1568289	1.069297
ranown22	3.190474	.5309224	6.01	0.000	2.149885	4.231063
ranown23	.0572073	.4009518	0.14	0.887	-.7286438	.8430584
ranown24	.1380609	.3843708	0.36	0.719	-.615292	.8914138
ranown25	-.0412756	.3407221	-0.12	0.904	-.7090786	.6265274
ranown27	.123688	.5660868	0.22	0.827	-.9858217	1.233198
ranown28	.4060792	.2908178	1.40	0.163	-.1639131	.9760716
ranown29	-.7083972	.517889	-1.37	0.171	-1.723441	.3066466

ranown30	-.1503677	.395988	-0.38	0.704	-.9264899	.6257546
ranown31	1.083685	.3618136	3.00	0.003	.3745433	1.792827
ranown32	-1.495228	.571863	-2.61	0.009	-2.616059	-.3743974
ranown33	1.115963	.3769646	2.96	0.003	.3771261	1.8548
ranown34	1.420733	.3716894	3.82	0.000	.6922349	2.149231
ranown35	.4895902	.3717727	1.32	0.188	-.2390709	1.218251
ranown36	.094338	.609083	0.15	0.877	-1.099443	1.288119
ranown37	1.2188	.4531256	2.69	0.007	.3306896	2.106909
ranown38	.4984879	.4345797	1.15	0.251	-.3532727	1.350248
ranown39	-.1409844	.4159238	-0.34	0.735	-.95618	.6742113
ranown40	-.198438	.5893171	-0.34	0.736	-1.353478	.9566022
ranown41	-1.027228	.7755579	-1.32	0.185	-2.547294	.4928375
ranown43	-.6810127	.4651716	-1.46	0.143	-1.592732	.2307068
ranown44	.4590905	.3881425	1.18	0.237	-.3016548	1.219836
ranown45	.0861925	.5237675	0.16	0.869	-.940373	1.112758
ranown46	-1.229042	.4171876	-2.95	0.003	-2.046715	-.4113693
ranown47	-.4061759	.3317604	-1.22	0.221	-1.056414	.2440625
ranown48	.2152423	.2465383	0.87	0.383	-.2679639	.6984484
emplw11	-1.394619	.2978644	-4.68	0.000	-1.978423	-.8108158
emplw12	-.3534954	.0716944	-4.93	0.000	-.4940139	-.2129769
emplw14	-1.116415	.5928383	-1.88	0.060	-2.278357	.0455265
emplw21	-1.598323	.772304	-2.07	0.038	-3.112011	-.084635
emplw25	-.2469862	.1307653	-1.89	0.059	-.5032815	.0093091
emplw31	-.1112429	.0635974	-1.75	0.080	-.2358916	.0134058
inclw2	-.2504203	.1252715	-2.00	0.046	-.4959479	-.0048928
inc2w2	-.9859141	.1128262	-8.74	0.000	-1.207049	-.7647788
inc3w2	-.7872111	.1193257	-6.60	0.000	-1.021085	-.553337
inc4w2	-1.719157	.2086891	-8.24	0.000	-2.12818	-1.310134
inc3w3	-.3101059	.0674587	-4.60	0.000	-.4423226	-.1778891
occ1w1	.1169903	.0694247	1.69	0.092	-.0190796	.2530601
occ4w1	-.1950384	.0990873	-1.97	0.049	-.3892459	-.000831
occ5w1	-.9888366	.1512698	-6.54	0.000	-1.28532	-.6923532
jsw2	.0082369	.0009142	9.01	0.000	.0064451	.0100287
marrw12	.7500604	.1633769	4.59	0.000	.4298475	1.070273
marrw14	.4881052	.1562479	3.12	0.002	.181865	.7943455
marrw16	2.263919	.3514924	6.44	0.000	1.575007	2.952832
marrw22	-1.395491	.1277674	-10.92	0.000	-1.64591	-1.145071
marrw24	-.9199708	.1163521	-7.91	0.000	-1.148017	-.6919248
marrw25	-1.303433	.3457933	-3.77	0.000	-1.981176	-.6256911
marrw26	-2.325023	.2864322	-8.12	0.000	-2.88642	-1.763627
marrw31	.9807643	.1245171	7.88	0.000	.7367152	1.224813
marrw33	.5442367	.0828201	6.57	0.000	.3819123	.7065612
marrw35	1.306581	.130209	10.03	0.000	1.051376	1.561787
childw1	-.2722884	.0592873	-4.59	0.000	-.3884895	-.1560873
childw2	-.4742937	.0656281	-7.23	0.000	-.6029224	-.345665
childw3	.4142777	.0496199	8.35	0.000	.3170245	.5115309
deaw2	.1043306	.0310928	3.36	0.001	.0433898	.1652715
deaw3	.20381	.0253631	8.04	0.000	.1540993	.2535208
dvcew1	.4589792	.2290151	2.00	0.045	.0101179	.9078405

sepaw3	-.6175404	.1313374	-4.70	0.000	-.8749571	-.3601238
accdw1	.2464338	.1333454	1.85	0.065	-.0149184	.5077861
accdw2	.2544549	.0666595	3.82	0.000	.1238048	.385105
accdw3	.5091637	.0717557	7.10	0.000	.368525	.6498024
cataw1	.3641451	.0625172	5.82	0.000	.2416136	.4866766
cataw2	2.114715	.285691	7.40	0.000	1.554771	2.67466
illw1	.4151802	.0515655	8.05	0.000	.3141137	.5162467
illw2	.1274265	.0368418	3.46	0.001	.0552179	.199635
movew1	.3498165	.0767332	4.56	0.000	.1994222	.5002109
movew3	.324729	.0781628	4.15	0.000	.1715327	.4779252
shjobw1	.0103478	.0009799	10.56	0.000	.0084272	.0122684
shjobw2	-.0065571	.0009133	-7.18	0.000	-.0083472	-.0047671
shjobw3	-.0042771	.000833	-5.13	0.000	-.0059097	-.0026445
shfamw1	.0037055	.001039	3.57	0.000	.0016691	.0057419
shfamw2	.0060992	.001013	6.02	0.000	.0041137	.0080847
shfamw3	.0028907	.0009363	3.09	0.002	.0010555	.0047259
shfincw1	-.00344	.0010122	-3.40	0.001	-.0054239	-.001456
shhousw3	.0065014	.0008321	7.81	0.000	.0048705	.0081323
suprtw1	.0096549	.0015027	6.43	0.000	.0067097	.0126002
suprtw2	-.0039114	.000672	-5.82	0.000	-.0052284	-.0025943
sufamw1	.0067304	.0014814	4.54	0.000	.0038269	.0096339
sufamw3	.0026341	.0009341	2.82	0.005	.0008033	.004465
suchrw1	-.0038869	.0022046	-1.76	0.078	-.008208	.0004341
suchrw3	.001161	.0010897	1.07	0.287	-.0009748	.0032969
phlthw1	-.0067894	.0019951	-3.40	0.001	-.0106997	-.002879
phlthw2	-.0051289	.0020429	-2.51	0.012	-.0091329	-.0011248
phlthw3	-.0098295	.0018383	-5.35	0.000	-.0134324	-.0062265
mhlthw1	.0280518	.002356	11.91	0.000	.0234342	.0326694
mhlthw2	-.0143802	.0017301	-8.31	0.000	-.0177712	-.0109892
_cons	-5.461369	.4706069	-11.60	0.000	-6.383741	-4.538996

40 . estadd nagelkerke

added scalar:

 e(nagelkerke) = .40358546

```
41 .      estadd scalar numparms=e(k)
```

```
added scalar:
```

```
      e(numparms) = 138
```

```
42 .      eststo genHealth
```

```
43 .      estadd lrtest support ., stats
```

```
Likelihood-ratio test
```

```
LR chi2(1) = 244.71
```

```
(Assumption: support nested in .)
```

```
Prob > chi2 = 0.0000
```

Model	Obs	ll(null)	ll(model)	df	AIC	BIC
<u>support</u>	21151	-10149.85	-7243.678	137	14761.36	15851.8
.	21151	-10149.85	-7121.321	138	14518.64	15617.05

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

```
added scalars:
```

```
      e(lrtest_p) = 3.687e-55
```

```
      e(lrtest_chi2) = 244.71491
```

```
      e(lrtest_df) = 1
```

```
44 . xi: logit outcomec i.year age female ranown2-ranown25 ranown27-ranown41 rano
> wn43-ranown48 ///
```

```
>      emplw11-emplw12 emplw14 emplw21 emplw25 emplw31 ///
```

```
>      inclw2-inc4w2 inc3w3 occ1w1 occ4w1 occ5w1 jsw2 marrw12 marrw14 marrw16
```

```
> marrw22 ///
```

```
>      marrw24-marrw26 marrw31 marrw33 marrw35 childw1-childw3 deaw2 deaw3 dvce
```

```
> w1 sepaw3 accdw2-cataw2 ///
```

```
>      illw1 illw2 movew1 movew3 ///
```

```
>      shjobw1-shfamw3 shfincw1 shhousw3 suprtw1 suprtw2 sufamw1 sufamw3-suchr
```

```
> w1 phlthw1-mhlthw2 ///
```

```
>      smokw3-liqw1 liqw3 pillw1-pillw3
```

```
i.year      _Iyear_1980-2010      (naturally coded; _Iyear_1980 omitted)
```

```
Iteration 0:  log likelihood = -10074.075
```

```
Iteration 1:  log likelihood = -7463.4913
```

```
Iteration 2:  log likelihood = -7024.142
```

```
Iteration 3:  log likelihood = -6982.0342
```

```
Iteration 4:  log likelihood = -6981.7178
```

```
Iteration 5:  log likelihood = -6981.7156
```

```
Iteration 6:  log likelihood = -6981.7156
```

Logistic regression

Number of obs = 20998

LR chi2(144) = 6184.72

Prob > chi2 = 0.0000

Pseudo R2 = 0.3070

Log likelihood = -6981.7156

outcomec	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
_Iyear_1981	-.2814054	.2844164	-0.99	0.322	-.8388512	.2760404
_Iyear_1982	-.0372227	.272861	-0.14	0.891	-.5720203	.497575
_Iyear_1983	-.3722265	.2891504	-1.29	0.198	-.9389508	.1944978
_Iyear_1984	-.1956637	.2801696	-0.70	0.485	-.7447859	.3534586
_Iyear_1985	-.0372227	.272861	-0.14	0.891	-.5720203	.497575
_Iyear_1986	2.239732	.2210722	10.13	0.000	1.806438	2.673026
_Iyear_1987	1.758306	.2261113	7.78	0.000	1.315136	2.201476
_Iyear_1988	1.813587	.2254224	8.05	0.000	1.371767	2.255407
_Iyear_1989	1.583927	.2284972	6.93	0.000	1.13608	2.031773
_Iyear_1990	1.715962	.2266604	7.57	0.000	1.271716	2.160208
_Iyear_1991	1.522584	.2294178	6.64	0.000	1.072933	1.972235
_Iyear_1992	1.758306	.2261113	7.78	0.000	1.315136	2.201476
_Iyear_1993	1.715962	.2266604	7.57	0.000	1.271716	2.160208
_Iyear_1994	1.867604	.2247789	8.31	0.000	1.427046	2.308163
_Iyear_1995	1.799888	.2255902	7.98	0.000	1.35774	2.242037
_Iyear_1996	2.084869	.2224687	9.37	0.000	1.648839	2.5209
_Iyear_1997	1.854214	.2249357	8.24	0.000	1.413348	2.29508
_Iyear_1998	2.121389	.2221215	9.55	0.000	1.686038	2.556739
_Iyear_1999	2.157423	.22179	9.73	0.000	1.722722	2.592123
_Iyear_2000	2.319756	.2204254	10.52	0.000	1.88773	2.751782
_Iyear_2001	2.181187	.2215772	9.84	0.000	1.746903	2.61547
_Iyear_2002	2.145464	.2218988	9.67	0.000	1.71055	2.580378
_Iyear_2003	2.181187	.2215772	9.84	0.000	1.746903	2.61547
_Iyear_2004	2.181187	.2215772	9.84	0.000	1.746903	2.61547
_Iyear_2005	2.319756	.2204254	10.52	0.000	1.88773	2.751782
_Iyear_2006	2.430529	.2196086	11.07	0.000	2.000104	2.860954
_Iyear_2007	2.569081	.218708	11.75	0.000	2.140421	2.997741
_Iyear_2008	2.946713	.2168663	13.59	0.000	2.521663	3.371763
_Iyear_2009	3.0128	.2166279	13.91	0.000	2.588217	3.437383
_Iyear_2010	2.742806	.2304055	11.90	0.000	2.291219	3.194392
age	.0193444	.0042788	4.52	0.000	.010958	.0277307
female	.1930094	.0593224	3.25	0.001	.0767396	.3092792
ranown2	.9323992	.3890302	2.40	0.017	.169914	1.694884
ranown3	1.069124	.3369962	3.17	0.002	.408624	1.729625
ranown4	2.504162	.3293246	7.60	0.000	1.858698	3.149627
ranown5	-.0278183	.2930182	-0.09	0.924	-.6021235	.5464869
ranown6	.5033438	.6479932	0.78	0.437	-.7666995	1.773387
ranown7	-.5076924	.5228684	-0.97	0.332	-1.532496	.5171107
ranown8	-.2208736	.3267009	-0.68	0.499	-.8611956	.4194484
ranown9	-.231829	.3349133	-0.69	0.489	-.888247	.424589
ranown10	1.261576	.4356737	2.90	0.004	.4076716	2.115481

ranown11	1.561984	.376665	4.15	0.000	.8237337	2.300233
ranown12	3.770896	.562016	6.71	0.000	2.669365	4.872428
ranown13	1.515477	.3708209	4.09	0.000	.7886818	2.242273
ranown14	.0707441	.5091467	0.14	0.889	-.9271651	1.068653
ranown15	.1165243	.4063106	0.29	0.774	-.6798298	.9128784
ranown16	.1940943	.2905536	0.67	0.504	-.3753803	.7635688
ranown17	-.6729599	.5049379	-1.33	0.183	-1.66262	.3167002
ranown18	-.0888799	.3507343	-0.25	0.800	-.7763065	.5985467
ranown19	.7341946	.3539761	2.07	0.038	.0404142	1.427975
ranown20	-.399213	.2687069	-1.49	0.137	-.9258689	.1274428
ranown21	.5278807	.239712	2.20	0.028	.0580539	.9977075
ranown22	3.166848	.5352613	5.92	0.000	2.117755	4.215941
ranown23	-.1618836	.4043538	-0.40	0.689	-.9544025	.6306354
ranown24	-.1404709	.3897071	-0.36	0.719	-.9042828	.623341
ranown25	-.1652263	.3457029	-0.48	0.633	-.8427915	.5123388
ranown27	.0600722	.5738932	0.10	0.917	-1.064738	1.184882
ranown28	.4934674	.2968644	1.66	0.096	-.0883762	1.075311
ranown29	-.5700515	.5243937	-1.09	0.277	-1.597844	.4577412
ranown30	-.5122727	.4047518	-1.27	0.206	-1.305572	.2810262
ranown31	.1700127	.4209176	0.40	0.686	-.6549707	.994996
ranown32	-1.324567	.5744687	-2.31	0.021	-2.450505	-.1986289
ranown33	.8973795	.3881704	2.31	0.021	.1365796	1.658179
ranown34	1.379033	.3742829	3.68	0.000	.6454524	2.112615
ranown35	.194271	.379325	0.51	0.609	-.5491923	.9377343
ranown36	-.1339318	.5980716	-0.22	0.823	-1.306131	1.038267
ranown37	1.115389	.454091	2.46	0.014	.2253875	2.005392
ranown38	.3118045	.4411445	0.71	0.480	-.5528229	1.176432
ranown39	-.2172511	.4288241	-0.51	0.612	-1.057731	.6232287
ranown40	-.3181571	.596654	-0.53	0.594	-1.487577	.8512631
ranown41	-1.321039	.7813814	-1.69	0.091	-2.852519	.21044
ranown43	-.8376651	.4683785	-1.79	0.074	-1.75567	.0803399
ranown44	.3067484	.3957548	0.78	0.438	-.4689168	1.082414
ranown45	.1317899	.5244354	0.25	0.802	-.8960846	1.159664
ranown46	-1.450099	.4276471	-3.39	0.001	-2.288272	-.6119264
ranown47	-.5540773	.3416255	-1.62	0.105	-1.223651	.1154964
ranown48	.0418715	.2515165	0.17	0.868	-.4510917	.5348348
emplw11	-1.478272	.2959282	-5.00	0.000	-2.058281	-.8982638
emplw12	-.4214441	.0724589	-5.82	0.000	-.5634609	-.2794273
emplw14	-1.265057	.5980641	-2.12	0.034	-2.437241	-.0928725
emplw21	-1.641554	.771908	-2.13	0.033	-3.154466	-.1286423
emplw25	-.2731142	.1328912	-2.06	0.040	-.5335762	-.0126523
emplw31	-.1917871	.0650727	-2.95	0.003	-.3193274	-.0642469
inc1w2	-.270378	.1252323	-2.16	0.031	-.5158289	-.0249271
inc2w2	-.9858287	.1124628	-8.77	0.000	-1.206252	-.7654056
inc3w2	-.7672754	.119006	-6.45	0.000	-1.000523	-.534028
inc4w2	-1.75414	.2070728	-8.47	0.000	-2.159995	-1.348285
inc3w3	-.3206613	.0696292	-4.61	0.000	-.457132	-.1841905
occ1w1	.0423336	.0709895	0.60	0.551	-.0968033	.1814705
occ4w1	-.2334016	.1001374	-2.33	0.020	-.4296674	-.0371358

occ5w1	-.9377972	.1544377	-6.07	0.000	-1.24049	-.6351048
jsw2	.0081401	.0009393	8.67	0.000	.0062992	.0099811
marrw12	.7879137	.1606486	4.90	0.000	.4730482	1.102779
marrw14	.5709689	.155269	3.68	0.000	.2666471	.8752906
marrw16	2.199533	.3651211	6.02	0.000	1.483909	2.915157
marrw22	-1.440227	.1286723	-11.19	0.000	-1.69242	-1.188034
marrw24	-.9982039	.1174659	-8.50	0.000	-1.228433	-.7679749
marrw25	-1.409414	.3503387	-4.02	0.000	-2.096065	-.7227627
marrw26	-2.217608	.291021	-7.62	0.000	-2.787998	-1.647217
marrw31	.9614611	.1280613	7.51	0.000	.7104655	1.212457
marrw33	.5307797	.0853234	6.22	0.000	.363549	.6980105
marrw35	1.348869	.132121	10.21	0.000	1.089916	1.607821
childw1	-.2990036	.0597819	-5.00	0.000	-.4161738	-.1818333
childw2	-.4779725	.0665749	-7.18	0.000	-.6084568	-.3474881
childw3	.4605416	.0504451	9.13	0.000	.361671	.5594122
deaw2	.0847166	.0317706	2.67	0.008	.0224474	.1469858
deaw3	.2254694	.0265113	8.50	0.000	.1735082	.2774306
dvcew1	.4312379	.2371597	1.82	0.069	-.0335865	.8960624
sepaw3	-.5584677	.1321153	-4.23	0.000	-.8174089	-.2995265
accdw2	.3160134	.0726802	4.35	0.000	.1735629	.4584639
accdw3	.5372771	.0734249	7.32	0.000	.393367	.6811873
cataw1	.4175126	.0639697	6.53	0.000	.2921343	.542891
cataw2	2.486546	.2672422	9.30	0.000	1.962761	3.010331
illw1	.4541071	.0536243	8.47	0.000	.3490054	.5592088
illw2	.12873	.0368688	3.49	0.000	.0564686	.2009915
movew1	.4238396	.0755801	5.61	0.000	.2757054	.5719739
movew3	.347754	.0815812	4.26	0.000	.1878578	.5076501
shjobw1	.0099645	.0010042	9.92	0.000	.0079962	.0119327
shjobw2	-.0067714	.000935	-7.24	0.000	-.008604	-.0049388
shjobw3	-.0034951	.0008474	-4.12	0.000	-.005156	-.0018342
shfamw1	.0050264	.0010798	4.66	0.000	.0029101	.0071427
shfamw2	.004564	.0010437	4.37	0.000	.0025184	.0066096
shfamw3	.0025078	.0009489	2.64	0.008	.0006479	.0043677
shfincw1	-.0043643	.0010424	-4.19	0.000	-.0064074	-.0023212
shhousw3	.006679	.0008359	7.99	0.000	.0050407	.0083173
suprtw1	.008325	.0014713	5.66	0.000	.0054413	.0112087
suprtw2	-.00415	.00068	-6.10	0.000	-.0054827	-.0028173
sufamw1	.0068754	.0014608	4.71	0.000	.0040123	.0097384
sufamw3	.0041471	.0008496	4.88	0.000	.0024819	.0058124
suchrw1	-.004321	.0021312	-2.03	0.043	-.008498	-.0001441
phlthw1	-.005832	.0020545	-2.84	0.005	-.0098587	-.0018053
phlthw2	-.0042464	.0021952	-1.93	0.053	-.0085489	.0000562
phlthw3	-.01048	.0019282	-5.43	0.000	-.0142593	-.0067007
mhlthw1	.0248234	.0024274	10.23	0.000	.0200658	.0295809
mhlthw2	-.012891	.0017898	-7.20	0.000	-.016399	-.0093831
smokw3	-.0034248	.000728	-4.70	0.000	-.0048518	-.0019979
beerw1	.0624205	.0122211	5.11	0.000	.0384676	.0863733
beerw2	-.079135	.0229102	-3.45	0.001	-.1240381	-.0342319
beerw3	.1280844	.0146102	8.77	0.000	.0994489	.1567199

liqw1	.0491469	.0127867	3.84	0.000	.0240854	.0742083
liqw3	-.0343297	.0120477	-2.85	0.004	-.0579428	-.0107167
pillw1	.0329489	.0124026	2.66	0.008	.0086402	.0572576
pillw2	.0331093	.0106382	3.11	0.002	.0122587	.0539598
pillw3	-.0250569	.0074945	-3.34	0.001	-.0397457	-.010368
_cons	-5.366286	.4794408	-11.19	0.000	-6.305973	-4.4266

45 . estadd nagelkerke

added scalar:

 e(nagelkerke) = .4135418

46 . estadd scalar numparms=e(k)

added scalar:

 e(numparms) = 145

47 . eststo smkgDrnkgPills

48 . xi: logit outcomec i.year age female ranown2-ranown25 ranown27-ranown41 rano

> wn43-ranown48 ///

> emplw11-emplw12 emplw21 emplw25 emplw31 ///

> inclw2-inc4w2 inc3w3 occ4w1 occ5w1 jsw2 marrw12 marrw14 marrw16 marrw22

> ///

> marrw24-marrw26 marrw31 marrw33 marrw35 childw1-childw3 deaw3 dvcew1 sep

> aw3 accdw2-cataw2 ///

> illw1 illw2 movew1 movew3 ///

> shjobw1-shfamw3 shfincw1 shhousw3 suprtw1 suprtw2 sufamw1 sufamw3-suchr

> w1 phlthw2-mhlthw2 ///

> smokw3-liqw1 liqw3 pillw1-pillw3 medcow1 medcow2 hospw1-hospw3 icdxcnt

>

i.year _Iyear_1980-2010 (naturally coded; _Iyear_1980 omitted)

Iteration 0: log likelihood = -10046.968

Iteration 1: log likelihood = -7349.0243

Iteration 2: log likelihood = -6885.8201

Iteration 3: log likelihood = -6840.6114

Iteration 4: log likelihood = -6840.2354

Iteration 5: log likelihood = -6840.2323

Iteration 6: log likelihood = -6840.2323

Logistic regression

Number of obs = 20938

LR chi2(146) = 6413.47

Prob > chi2 = 0.0000

Pseudo R2 = 0.3192

Log likelihood = -6840.2323

outcomec	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
_Iyear_1981	-.2462445	.2871475	-0.86	0.391	-.8090432	.3165541
_Iyear_1982	1.18e-14	.2757803	0.00	1.000	-.5405194	.5405194
_Iyear_1983	-.3376939	.2918043	-1.16	0.247	-.9096199	.2342321
_Iyear_1984	-.1598412	.2829701	-0.56	0.572	-.7144523	.3947699
_Iyear_1985	1.16e-14	.2757803	0.00	1.000	-.5405194	.5405194
_Iyear_1986	2.316584	.2246042	10.31	0.000	1.876368	2.756801
_Iyear_1987	1.824843	.2296064	7.95	0.000	1.374822	2.274863
_Iyear_1988	1.881282	.2289224	8.22	0.000	1.432602	2.329961
_Iyear_1989	1.631386	.2321971	7.03	0.000	1.176288	2.086484
_Iyear_1990	1.76703	.2303398	7.67	0.000	1.315572	2.218487
_Iyear_1991	1.584282	.2328889	6.80	0.000	1.127828	2.040736
_Iyear_1992	1.810522	.2297849	7.88	0.000	1.360152	2.260892
_Iyear_1993	1.781617	.2301516	7.74	0.000	1.330528	2.232706
_Iyear_1994	1.936438	.2282834	8.48	0.000	1.489011	2.383866
_Iyear_1995	1.867296	.229089	8.15	0.000	1.418289	2.316302
_Iyear_1996	2.158352	.2259899	9.55	0.000	1.71542	2.601285
_Iyear_1997	1.922765	.2284391	8.42	0.000	1.475032	2.370497
_Iyear_1998	2.195662	.2256454	9.73	0.000	1.753406	2.637919
_Iyear_1999	2.232479	.2253163	9.91	0.000	1.790867	2.674091
_Iyear_2000	2.398364	.2239626	10.71	0.000	1.959405	2.837323
_Iyear_2001	2.244646	.2252099	9.97	0.000	1.803242	2.686049
_Iyear_2002	2.207988	.225534	9.79	0.000	1.76595	2.650027
_Iyear_2003	2.244646	.2252099	9.97	0.000	1.803242	2.686049
_Iyear_2004	2.25676	.2251051	10.03	0.000	1.815562	2.697958
_Iyear_2005	2.398364	.2239626	10.71	0.000	1.959405	2.837323
_Iyear_2006	2.500437	.2232287	11.20	0.000	2.062917	2.937957
_Iyear_2007	2.653207	.2222607	11.94	0.000	2.217585	3.08883
_Iyear_2008	3.029535	.2204761	13.74	0.000	2.59741	3.461661
_Iyear_2009	3.097227	.2202374	14.06	0.000	2.66557	3.528885
_Iyear_2010	2.827054	.2338293	12.09	0.000	2.368757	3.285351
age	.0145407	.0043685	3.33	0.001	.0059786	.0231028
female	.0541003	.0628631	0.86	0.389	-.0691091	.1773096
ranown2	1.123939	.4150509	2.71	0.007	.310454	1.937423
ranown3	1.926998	.3961674	4.86	0.000	1.150524	2.703471
ranown4	2.809565	.3524388	7.97	0.000	2.118798	3.500332
ranown5	.2976259	.33007	0.90	0.367	-.3492995	.9445513
ranown6	1.04092	.6663578	1.56	0.118	-.2651172	2.346958
ranown7	-.608232	.5505815	-1.10	0.269	-1.687352	.4708879
ranown8	.1404798	.3585759	0.39	0.695	-.5623161	.8432757
ranown9	-.2691801	.393295	-0.68	0.494	-1.040024	.5016638
ranown10	1.754461	.4529391	3.87	0.000	.8667168	2.642206
ranown11	1.938492	.3969683	4.88	0.000	1.160449	2.716536
ranown12	4.410603	.5744629	7.68	0.000	3.284676	5.536529
ranown13	2.040648	.4102678	4.97	0.000	1.236538	2.844758
ranown14	.878467	.5378243	1.63	0.102	-.1756492	1.932583
ranown15	.5297336	.4322269	1.23	0.220	-.3174156	1.376883

ranown16	.5673471	.3227277	1.76	0.079	-.0651876	1.199882
ranown17	-.0587879	.5246188	-0.11	0.911	-1.087022	.9694461
ranown18	.395583	.3750551	1.05	0.292	-.3395115	1.130678
ranown19	1.023971	.3773485	2.71	0.007	.2843814	1.76356
ranown20	.2099789	.3011385	0.70	0.486	-.3802416	.8001994
ranown21	.818268	.2782399	2.94	0.003	.2729279	1.363608
ranown22	3.307634	.5466992	6.05	0.000	2.236123	4.379145
ranown23	.3928271	.4342533	0.90	0.366	-.4582937	1.243948
ranown24	-.1362433	.4149342	-0.33	0.743	-.9494993	.6770127
ranown25	.1848541	.3667876	0.50	0.614	-.5340364	.9037447
ranown27	.7819991	.585645	1.34	0.182	-.3658441	1.929842
ranown28	1.04344	.3314256	3.15	0.002	.393858	1.693022
ranown29	.0345365	.5452244	0.06	0.949	-1.034084	1.103157
ranown30	.1594136	.4268534	0.37	0.709	-.6772036	.9960308
ranown31	.6535819	.4473168	1.46	0.144	-.223143	1.530307
ranown32	-.7818623	.5905341	-1.32	0.186	-1.939288	.3755633
ranown33	.6042537	.4333727	1.39	0.163	-.2451413	1.453649
ranown34	1.681356	.3994946	4.21	0.000	.898361	2.464351
ranown35	.8225901	.3970032	2.07	0.038	.0444781	1.600702
ranown36	.1110376	.6115733	0.18	0.856	-1.087624	1.309699
ranown37	1.649364	.4721434	3.49	0.000	.7239796	2.574748
ranown38	.652061	.4549903	1.43	0.152	-.2397036	1.543826
ranown39	.2091916	.4570011	0.46	0.647	-.686514	1.104897
ranown40	-.1873751	.6175155	-0.30	0.762	-1.397683	1.022933
ranown41	-.7093922	.7957928	-0.89	0.373	-2.269117	.850333
ranown43	-.3555117	.4924039	-0.72	0.470	-1.320606	.6095823
ranown44	.5409249	.4181373	1.29	0.196	-.2786092	1.360459
ranown45	.6290561	.5458857	1.15	0.249	-.4408603	1.698972
ranown46	-.6027019	.4571105	-1.32	0.187	-1.498622	.2932182
ranown47	-.3712721	.3715104	-1.00	0.318	-1.099419	.3568749
ranown48	.5272595	.2885756	1.83	0.068	-.0383383	1.092857
emplw11	-1.613409	.2955389	-5.46	0.000	-2.192655	-1.034164
emplw12	-.2335758	.0720482	-3.24	0.001	-.3747877	-.0923639
emplw21	-1.779001	.7745698	-2.30	0.022	-3.29713	-.2608723
emplw25	-.3280289	.138025	-2.38	0.017	-.5985528	-.0575049
emplw31	-.324347	.0662149	-4.90	0.000	-.4541257	-.1945682
inclw2	-.3880604	.1275643	-3.04	0.002	-.6380819	-.138039
inc2w2	-.9394442	.1123862	-8.36	0.000	-1.159717	-.7191712
inc3w2	-.8111731	.1199688	-6.76	0.000	-1.046308	-.5760385
inc4w2	-1.588534	.2024969	-7.84	0.000	-1.985421	-1.191648
inc3w3	-.2748936	.0704547	-3.90	0.000	-.4129823	-.1368049
occ4w1	-.2217847	.0978302	-2.27	0.023	-.4135285	-.030041
occ5w1	-.7528667	.1510629	-4.98	0.000	-1.048945	-.4567889
jsw2	.0090797	.0009591	9.47	0.000	.0071999	.0109594
marrw12	.8246832	.1642709	5.02	0.000	.5027182	1.146648
marrw14	.731544	.158916	4.60	0.000	.4200744	1.043014
marrw16	2.571412	.3730177	6.89	0.000	1.84031	3.302513
marrw22	-1.387038	.1311467	-10.58	0.000	-1.64408	-1.129995
marrw24	-1.073254	.118169	-9.08	0.000	-1.304861	-.8416471

marrw25	-1.292508	.3535811	-3.66	0.000	-1.985514	-.5995013
marrw26	-2.367371	.2956104	-8.01	0.000	-2.946757	-1.787985
marrw31	.8527125	.1306286	6.53	0.000	.5966851	1.10874
marrw33	.5633302	.0865106	6.51	0.000	.3937725	.7328879
marrw35	1.340663	.1346166	9.96	0.000	1.076819	1.604506
childw1	-.3154986	.0598583	-5.27	0.000	-.4328188	-.1981785
childw2	-.5467498	.0669468	-8.17	0.000	-.6779631	-.4155364
childw3	.5226721	.051014	10.25	0.000	.4226864	.6226578
deaw3	.2157559	.0273546	7.89	0.000	.1621419	.26937
dvcew1	-.3076495	.2602745	-1.18	0.237	-.8177782	.2024792
sepaw3	-.5850297	.1351243	-4.33	0.000	-.8498684	-.3201909
accdw2	.3307504	.0728503	4.54	0.000	.1879665	.4735344
accdw3	.3579105	.0769514	4.65	0.000	.2070885	.5087324
cataw1	.3766614	.0650188	5.79	0.000	.249227	.5040958
cataw2	2.392909	.2701966	8.86	0.000	1.863334	2.922485
illw1	.2858661	.0620073	4.61	0.000	.164334	.4073981
illw2	.0800625	.0385019	2.08	0.038	.0046001	.1555249
movew1	.4427864	.0727667	6.09	0.000	.3001663	.5854065
movew3	.237288	.0829966	2.86	0.004	.0746177	.3999584
shjobw1	.0100619	.0010367	9.71	0.000	.00803	.0120938
shjobw2	-.0060004	.000968	-6.20	0.000	-.0078977	-.0041032
shjobw3	-.0012118	.0008776	-1.38	0.167	-.0029318	.0005083
shfamw1	.0034471	.001094	3.15	0.002	.0013029	.0055913
shfamw2	.0049112	.0010496	4.68	0.000	.002854	.0069684
shfamw3	.0023524	.000966	2.44	0.015	.000459	.0042458
shfincw1	-.0044565	.0010569	-4.22	0.000	-.0065281	-.0023849
shhousw3	.0055843	.000847	6.59	0.000	.0039242	.0072444
suprtw1	.0078871	.001466	5.38	0.000	.0050138	.0107605
suprtw2	-.0043314	.0006892	-6.28	0.000	-.0056822	-.0029805
sufamw1	.0075557	.001433	5.27	0.000	.004747	.0103644
sufamw3	.0041958	.000858	4.89	0.000	.0025142	.0058774
suchrw1	-.0059891	.0021708	-2.76	0.006	-.0102438	-.0017343
phlthw2	-.0053311	.0021143	-2.52	0.012	-.009475	-.0011872
phlthw3	-.0077979	.0020063	-3.89	0.000	-.0117303	-.0038656
mhlthw1	.0229418	.002318	9.90	0.000	.0183986	.027485
mhlthw2	-.0129451	.0018033	-7.18	0.000	-.0164795	-.0094108
smokw3	-.003449	.0007373	-4.68	0.000	-.004894	-.002004
beerw1	.0507357	.0123382	4.11	0.000	.0265534	.0749181
beerw2	-.0531015	.0231524	-2.29	0.022	-.0984793	-.0077236
beerw3	.1328441	.0147842	8.99	0.000	.1038675	.1618206
liqw1	.0301646	.0131602	2.29	0.022	.0043711	.0559581
liqw3	-.0344997	.0119176	-2.89	0.004	-.0578578	-.0111417
pillw1	.0278007	.0129041	2.15	0.031	.002509	.0530924
pillw2	.0277857	.0111536	2.49	0.013	.0059251	.0496463
pillw3	-.023836	.0077901	-3.06	0.002	-.0391042	-.0085677
medcow1	.0243135	.0099566	2.44	0.015	.004799	.0438281
medcow2	.0382708	.0057702	6.63	0.000	.0269615	.0495801
hospw1	.009555	.0024576	3.89	0.000	.0047383	.0143717
hospw2	-.0059005	.0023156	-2.55	0.011	-.010439	-.0013621

hospw3	.0041598	.0016346	2.54	0.011	.000956	.0073636
icdxcnt	.0732472	.0124087	5.90	0.000	.0489266	.0975678
_cons	-6.411575	.5022618	-12.77	0.000	-7.39599	-5.42716

49 . estadd nagelkerke

added scalar:

 e(nagelkerke) = .42762613

50 . estadd scalar numparms=e(k)

added scalar:

 e(numparms) = 147

51 . eststo mddx1

52 . xi: logit outcomec i.year age female ranown2-ranown25 ranown27-ranown41 rano
> wn43-ranown48 ///
> emplw11-emplw12 emplw21 emplw31 ///
> inc2w2-inc4w2 inc3w3 occ4w1 occ5w1 jsw2 marrw12 marrw14 marrw16 marrw22
> ///
> marrw24-marrw26 marrw31 marrw33 marrw35 childw1-childw3 deaw3 sepaw3 acc
> dw2-cataw1 ///
> illw1 illw2 movew1 movew3 ///
> shjobw1-shfamw3 shfincw1 shhousw3 suprtw1 suprtw2 sufamw1 sufamw3-suchr
> w1 phlthw2-mhlthw2 ///
> smokw3-beerw3 pillw1-pillw3 medcow1 medcow2 hospw1-hospw2 icdxcnt ///
>
> icdx1n1-icdx1n3 icdx1n5 icdx1n9-icdx1n12 ///
> icdx1n16 icdx1n21 icdx1n23 icdx1n34-icdx1n35 icdx1n38 ///
> icdx1n45-icdx1n46 icdx1n49-icdx1n50 ///
> icdx1n62-icdx1n63 icdx1n67 icdx1n70 icdx1n76-icdx1n82 icdx1n84 icdx1n86
> icdx1n88-icdx1n92 ///
> icdx1n94 icdx1n96-icdx1n102
i.year _Iyear_1980-2010 (naturally coded; _Iyear_1980 omitted)

Iteration 0: log likelihood = -9473.2001
Iteration 1: log likelihood = -6676.9792
Iteration 2: log likelihood = -6224.568
Iteration 3: log likelihood = -6184.5284
Iteration 4: log likelihood = -6184.2233
Iteration 5: log likelihood = -6184.2213
Iteration 6: log likelihood = -6184.2213

Logistic regression

Number of obs = 18914

LR chi2(183) = 6577.96

Prob > chi2 = 0.0000

Pseudo R2 = 0.3472

Log likelihood = -6184.2213

outcomec	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
_Iyear_1981	-.2611268	.295648	-0.88	0.377	-.8405863	.3183327
_Iyear_1982	-2.15e-15	.284705	-0.00	1.000	-.5580116	.5580116
_Iyear_1983	-.357432	.3001189	-1.19	0.234	-.9456543	.2307902
_Iyear_1984	-.2148783	.2935882	-0.73	0.464	-.7903006	.360544
_Iyear_1985	-2.77e-15	.284705	-0.00	1.000	-.5580116	.5580116
_Iyear_1986	2.457832	.2337401	10.52	0.000	1.99971	2.915954
_Iyear_1987	1.939686	.2390075	8.12	0.000	1.47124	2.408132
_Iyear_1988	1.971275	.2386234	8.26	0.000	1.503582	2.438968
_Iyear_1989	1.68878	.2423786	6.97	0.000	1.213727	2.163833
_Iyear_1990	1.842431	.2402456	7.67	0.000	1.371558	2.313304
_Iyear_1991	1.635245	.2431747	6.72	0.000	1.158631	2.111858
_Iyear_1992	1.923741	.2392047	8.04	0.000	1.454908	2.392573
_Iyear_1993	1.907692	.2394054	7.97	0.000	1.438466	2.376918
_Iyear_1994	2.06375	.2375483	8.69	0.000	1.598164	2.529336
_Iyear_1995	1.971275	.2386234	8.26	0.000	1.503582	2.438968
_Iyear_1996	2.323297	.2349058	9.89	0.000	1.86289	2.783704
_Iyear_1997	2.048567	.2377199	8.62	0.000	1.582644	2.514489
_Iyear_1998	2.33703	.2347806	9.95	0.000	1.876869	2.797192
_Iyear_1999	2.377846	.234417	10.14	0.000	1.918397	2.837295
_Iyear_2000	2.574048	.2328377	11.06	0.000	2.117695	3.030402
_Iyear_2001	2.377846	.234417	10.14	0.000	1.918397	2.837295
_Iyear_2002	2.364304	.2345363	10.08	0.000	1.904621	2.823987
_Iyear_2003	2.404746	.2341842	10.27	0.000	1.945753	2.863738
_Iyear_2004	2.404746	.2341842	10.27	0.000	1.945753	2.863738
_Iyear_2005	2.561343	.2329318	11.00	0.000	2.104805	3.017881
_Iyear_2006	2.686251	.2320543	11.58	0.000	2.231433	3.141069
_Iyear_2007	2.842211	.2311012	12.30	0.000	2.38926	3.295161
_Iyear_2008	3.266508	.2292405	14.25	0.000	2.817205	3.715811
_Iyear_2009	3.277176	.2292065	14.30	0.000	2.827939	3.726412
_Iyear_2010	3.009531	.2427562	12.40	0.000	2.533737	3.485324
age	.0047732	.0044852	1.06	0.287	-.0040175	.013564
female	-.1496939	.0667621	-2.24	0.025	-.2805453	-.0188425
ranown2	1.19975	.4111546	2.92	0.004	.393902	2.005598
ranown3	2.084965	.3868325	5.39	0.000	1.326787	2.843142
ranown4	2.678188	.3649229	7.34	0.000	1.962952	3.393424
ranown5	.1887578	.3211194	0.59	0.557	-.4406247	.8181403
ranown6	.4228936	1.060909	0.40	0.690	-1.656451	2.502238
ranown7	-.7896279	.5533035	-1.43	0.154	-1.874083	.2948271
ranown8	-.4819412	.3602175	-1.34	0.181	-1.187955	.2240722
ranown9	-.863738	.3973477	-2.17	0.030	-1.642525	-.0849508
ranown10	1.301734	.455363	2.86	0.004	.4092389	2.194229

ranown11	3.404835	.5110469	6.66	0.000	2.403202	4.406469
ranown12	4.164573	.577518	7.21	0.000	3.032658	5.296487
ranown13	2.633898	.5655762	4.66	0.000	1.525389	3.742407
ranown14	-.5443016	.5580199	-0.98	0.329	-1.638	.5493972
ranown15	-.1068805	.4280458	-0.25	0.803	-.9458349	.7320739
ranown16	-.1457337	.3097444	-0.47	0.638	-.7528215	.4613541
ranown17	-.0252041	.509098	-0.05	0.961	-1.023018	.9726095
ranown18	-.2006064	.3925922	-0.51	0.609	-.9700729	.5688601
ranown19	1.037252	.3720417	2.79	0.005	.3080639	1.766441
ranown20	.2679553	.2962763	0.90	0.366	-.3127355	.8486461
ranown21	.5115867	.2608533	1.96	0.050	.0003236	1.02285
ranown22	2.765413	.5448401	5.08	0.000	1.697546	3.83328
ranown23	1.32933	.5662582	2.35	0.019	.2194843	2.439176
ranown24	-.0955123	.4294602	-0.22	0.824	-.9372387	.7462142
ranown25	.0819544	.3722604	0.22	0.826	-.6476626	.8115715
ranown27	.2045346	.5928096	0.35	0.730	-.9573508	1.36642
ranown28	.828453	.3239332	2.56	0.011	.1935557	1.46335
ranown29	-.2687434	.5359022	-0.50	0.616	-1.319092	.7816056
ranown30	.2319508	.4322827	0.54	0.592	-.6153076	1.079209
ranown31	.4913426	.4266513	1.15	0.249	-.3448785	1.327564
ranown32	-1.44521	.5932993	-2.44	0.015	-2.608055	-.2823646
ranown33	-.1309973	.4666578	-0.28	0.779	-1.04563	.7836353
ranown34	1.266863	.4058734	3.12	0.002	.4713656	2.06236
ranown35	1.685936	.4208751	4.01	0.000	.8610356	2.510836
ranown36	-.2191722	.616074	-0.36	0.722	-1.426655	.9883106
ranown37	1.929502	.4682994	4.12	0.000	1.011652	2.847352
ranown38	.7316655	.4594016	1.59	0.111	-.1687451	1.632076
ranown39	.8824044	.484689	1.82	0.069	-.0675686	1.832377
ranown40	-.5025814	.6152624	-0.82	0.414	-1.708474	.7033108
ranown41	-.8291431	.7849849	-1.06	0.291	-2.367685	.7093991
ranown43	-1.04493	.5118692	-2.04	0.041	-2.048175	-.0416844
ranown44	.2214148	.4107718	0.54	0.590	-.5836832	1.026513
ranown45	-.0331031	.5415271	-0.06	0.951	-1.094477	1.028271
ranown46	-.7970982	.4514301	-1.77	0.077	-1.681885	.0876885
ranown47	-.6610651	.3707431	-1.78	0.075	-1.387708	.065578
ranown48	.341123	.2763915	1.23	0.217	-.2005944	.8828404
emplw11	-1.659364	.3385268	-4.90	0.000	-2.322864	-.9958632
emplw12	-.2340726	.083988	-2.79	0.005	-.398686	-.0694592
emplw21	-1.265704	.7912204	-1.60	0.110	-2.816468	.2850594
emplw31	-.5349586	.0745609	-7.17	0.000	-.6810952	-.3888219
inc2w2	-.5905133	.0825329	-7.15	0.000	-.7522749	-.4287518
inc3w2	-.8236263	.0940552	-8.76	0.000	-1.007971	-.6392815
inc4w2	-1.390845	.2002244	-6.95	0.000	-1.783278	-.9984122
inc3w3	-.2696377	.076926	-3.51	0.000	-.4204099	-.1188656
occ4w1	-.2759135	.1086872	-2.54	0.011	-.4889366	-.0628904
occ5w1	-.9170459	.1591806	-5.76	0.000	-1.229034	-.6050576
jsw2	.0125516	.0010081	12.45	0.000	.0105756	.0145275
marrw12	.7159508	.1812865	3.95	0.000	.3606357	1.071266
marrw14	.6600566	.1782506	3.70	0.000	.3106918	1.009421

marrw16	3.010238	.3476238	8.66	0.000	2.328908	3.691569
marrw22	-1.829286	.1512185	-12.10	0.000	-2.125669	-1.532904
marrw24	-1.447182	.1373315	-10.54	0.000	-1.716347	-1.178017
marrw25	-1.703409	.3662926	-4.65	0.000	-2.421329	-.9854885
marrw26	-3.036123	.3226649	-9.41	0.000	-3.668534	-2.403711
marrw31	.8020867	.1484233	5.40	0.000	.5111824	1.092991
marrw33	.5643667	.0957632	5.89	0.000	.3766743	.7520591
marrw35	1.421865	.1516199	9.38	0.000	1.124695	1.719035
childw1	-.341006	.06812	-5.01	0.000	-.4745187	-.2074932
childw2	-.5304982	.0739322	-7.18	0.000	-.6754026	-.3855938
childw3	.5434599	.0597425	9.10	0.000	.4263668	.6605531
deaw3	.183309	.0290049	6.32	0.000	.1264605	.2401576
sepaw3	-.6590143	.1485802	-4.44	0.000	-.9502262	-.3678025
accdw2	.3544243	.0700916	5.06	0.000	.2170473	.4918013
accdw3	.2217454	.0921528	2.41	0.016	.0411291	.4023617
cataw1	.02479	.073495	0.34	0.736	-.1192577	.1688376
illw1	.2762828	.065545	4.22	0.000	.1478169	.4047487
illw2	.0336529	.0411382	0.82	0.413	-.0469765	.1142823
movew1	.4726122	.0783424	6.03	0.000	.319064	.6261604
movew3	.3763571	.1034507	3.64	0.000	.1735974	.5791168
shjobw1	.0079926	.0011508	6.95	0.000	.005737	.0102482
shjobw2	-.0045966	.0010406	-4.42	0.000	-.0066362	-.002557
shjobw3	-.0003901	.0009733	-0.40	0.689	-.0022978	.0015176
shfamw1	.0028804	.0011962	2.41	0.016	.000536	.0052249
shfamw2	.0073399	.0011069	6.63	0.000	.0051704	.0095094
shfamw3	-.0002975	.0010833	-0.27	0.784	-.0024207	.0018256
shfincw1	-.0054115	.0011371	-4.76	0.000	-.0076401	-.0031829
shhousw3	.0079764	.0009494	8.40	0.000	.0061156	.0098372
suprtw1	.0087859	.0016542	5.31	0.000	.0055437	.012028
suprtw2	-.004402	.0007472	-5.89	0.000	-.0058665	-.0029376
sufamw1	.0069465	.0016262	4.27	0.000	.0037592	.0101338
sufamw3	.0053432	.0009704	5.51	0.000	.0034412	.0072452
suchrw1	-.0093522	.0024082	-3.88	0.000	-.0140722	-.0046322
phlthw2	-.0081057	.0022527	-3.60	0.000	-.0125209	-.0036905
phlthw3	-.0110853	.0021389	-5.18	0.000	-.0152775	-.0068931
mhlthw1	.0252243	.0025608	9.85	0.000	.0202052	.0302435
mhlthw2	-.0127275	.0019986	-6.37	0.000	-.0166448	-.0088103
smokw3	-.004645	.0008253	-5.63	0.000	-.0062626	-.0030275
beerw1	.0920917	.0144713	6.36	0.000	.0637285	.1204549
beerw2	-.0857398	.0266623	-3.22	0.001	-.1379969	-.0334826
beerw3	.1079086	.0164947	6.54	0.000	.0755797	.1402376
pillw1	.0504664	.0151277	3.34	0.001	.0208167	.0801161
pillw2	.040579	.0119597	3.39	0.001	.0171385	.0640195
pillw3	-.0324754	.0084979	-3.82	0.000	-.049131	-.0158198
medcow1	-.0289342	.0121117	-2.39	0.017	-.0526727	-.0051957
medcow2	.0547676	.0064057	8.55	0.000	.0422127	.0673226
hospw1	.0134542	.0025969	5.18	0.000	.0083643	.0185442
hospw2	-.0071654	.0024549	-2.92	0.004	-.0119768	-.0023539
icdxcnt	.0560624	.01421	3.95	0.000	.0282113	.0839136

icdxln1	-2.130557	1.031702	-2.07	0.039	-4.152655	-.108459
icdxln2	.9520888	.4738479	2.01	0.045	.023364	1.880814
icdxln3	-3.051815	.3980819	-7.67	0.000	-3.832042	-2.271589
icdxln5	-1.46356	.7386531	-1.98	0.048	-2.911294	-.0158268
icdxln9	-1.731045	.5139903	-3.37	0.001	-2.738448	-.723643
icdxln10	2.362624	.3874242	6.10	0.000	1.603286	3.121961
icdxln11	2.496696	.3902496	6.40	0.000	1.731821	3.261571
icdxln12	1.606919	.7085391	2.27	0.023	.2182083	2.99563
icdxln16	1.331672	.3663741	3.63	0.000	.6135921	2.049752
icdxln21	3.269548	.5643246	5.79	0.000	2.163492	4.375604
icdxln23	-.5815296	.2083077	-2.79	0.005	-.9898052	-.173254
icdxln34	-2.813467	.7530012	-3.74	0.000	-4.289323	-1.337612
icdxln35	-1.427992	.6103994	-2.34	0.019	-2.624353	-.2316309
icdxln38	-.3539858	.1289037	-2.75	0.006	-.6066325	-.1013392
icdxln45	-1.511521	.7739628	-1.95	0.051	-3.02846	.0054188
icdxln46	-.9003758	.4237083	-2.12	0.034	-1.730829	-.0699228
icdxln49	-1.099113	.4912365	-2.24	0.025	-2.061919	-.1363073
icdxln50	.652423	.3158426	2.07	0.039	.0333829	1.271463
icdxln62	.9049776	.3060867	2.96	0.003	.3050586	1.504897
icdxln63	3.773943	.5893951	6.40	0.000	2.61875	4.929136
icdxln67	1.781151	.3159672	5.64	0.000	1.161866	2.400435
icdxln70	1.325077	.4660931	2.84	0.004	.4115518	2.238603
icdxln76	-.5725172	.2117389	-2.70	0.007	-.9875179	-.1575165
icdxln77	3.428996	.4968199	6.90	0.000	2.455247	4.402745
icdxln78	-1.954307	.5336891	-3.66	0.000	-3.000318	-.9082952
icdxln79	3.085661	.3682453	8.38	0.000	2.363914	3.807409
icdxln80	2.916917	.5397429	5.40	0.000	1.85904	3.974794
icdxln81	.7994989	.2311033	3.46	0.001	.3465448	1.252453
icdxln82	.2893158	.1317773	2.20	0.028	.0310371	.5475945
icdxln84	1.566374	.3020578	5.19	0.000	.974351	2.158396
icdxln86	-1.258875	.2735395	-4.60	0.000	-1.795002	-.7227471
icdxln88	2.335207	.4362198	5.35	0.000	1.480232	3.190182
icdxln89	-1.163848	.3242844	-3.59	0.000	-1.799433	-.5282618
icdxln90	-.7662943	.250351	-3.06	0.002	-1.256973	-.2756153
icdxln91	1.553107	.2355578	6.59	0.000	1.091422	2.014792
icdxln92	-2.498773	.627598	-3.98	0.000	-3.728842	-1.268703
icdxln94	2.244298	.5503553	4.08	0.000	1.165622	3.322975
icdxln96	-.4512059	.1730645	-2.61	0.009	-.790406	-.1120058
icdxln97	-.674449	.2054247	-3.28	0.001	-1.077074	-.271824
icdxln98	.9910082	.1599469	6.20	0.000	.677518	1.304498
icdxln99	.6105603	.3008269	2.03	0.042	.0209504	1.20017
icdxln100	.4367	.2590092	1.69	0.092	-.0709487	.9443486
icdxln101	-2.813668	1.024756	-2.75	0.006	-4.822154	-.805183
icdxln102	1.57889	.4940164	3.20	0.001	.6106353	2.547144
_cons	-5.099779	.5110026	-9.98	0.000	-6.101326	-4.098232

```

53 .      estadd nagelkerke

      added scalar:
            e(nagelkerke) =  .4642393

54 .      estadd scalar numparms=e(k)

      added scalar:
            e(numparms) =  184

55 .      eststo mddx2

56 . xi: logit outcomec i.year age female ranown2-ranown25 ranown27-ranown41 rano
> wn43-ranown48 ///
>      emplw11-emplw12 emplw21  emplw31  ///
>      inc2w2-inc4w2 inc3w3 occ4w1 occ5w1 jsw2 marrw12 marrw14 marrw16 marrw22
> ///
>      marrw24-marrw26 marrw31 marrw33 marrw35 childw1-childw3 deaw3 sepaw3 acc
> dw2-accdw3 ///
>      illw1 movew1 movew3  ///
>      shjobw1-shjobw2 shfamw2 shfincw1 shhousw3 suprtw1 suprtw2 sufamw1 sufam
> w3 suchrw1 phlthw2-mhlthw2 ///
>      smokw3-beerw3 pillw1-pillw3 medcow1 medcow2 hospw1-hospw2 icdxcnt  ///
>
>      icdx1n1-icdx1n3 icdx1n9-icdx1n12 ///
>      icdx1n16 icdx1n21 icdx1n23  icdx1n34-icdx1n35 icdx1n38 ///
>      icdx1n45-icdx1n46 icdx1n49-icdx1n50 ///
>      icdx1n62-icdx1n63 icdx1n67 icdx1n70 icdx1n76-icdx1n82 icdx1n84 icdx1n86
> icdx1n88-icdx1n92 ///
>      icdx1n94 icdx1n96-icdx1n102 WHPpain-WHPpa HP2hmcare HP2sxlife HP2inthob
> HP2vacatn ///
>      BSItotal BSIoc BSIphanx BSIpar-BSIpsyc MiPTSD
i.year      _Iyear_1980-2010      (naturally coded; _Iyear_1980 omitted)

Iteration 0:  log likelihood = -9492.3635
Iteration 1:  log likelihood = -6635.8562
Iteration 2:  log likelihood = -6159.0318
Iteration 3:  log likelihood = -6115.8914
Iteration 4:  log likelihood = -6115.5811
Iteration 5:  log likelihood = -6115.5791
Iteration 6:  log likelihood = -6115.5791

Logistic regression                                Number of obs   =    18944
                                                    LR chi2(192)   =   6753.57
                                                    Prob > chi2    =    0.0000
Log likelihood = -6115.5791                      Pseudo R2      =    0.3557

```

outcomec	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
_Iyear_1981	-.261613	.295921	-0.88	0.377	-.8416075	.3183815
_Iyear_1982	-1.15e-15	.2850229	-0.00	1.000	-.5586346	.5586346
_Iyear_1983	-.358055	.3003763	-1.19	0.233	-.9467818	.2306718
_Iyear_1984	-.2152913	.2938688	-0.73	0.464	-.7912636	.360681
_Iyear_1985	-3.23e-17	.2850229	-0.00	1.000	-.5586346	.5586346
_Iyear_1986	2.492051	.2342766	10.64	0.000	2.032877	2.951224
_Iyear_1987	1.953578	.2396354	8.15	0.000	1.483901	2.423255
_Iyear_1988	1.985566	.2392529	8.30	0.000	1.516639	2.454493
_Iyear_1989	1.699662	.2429894	6.99	0.000	1.223412	2.175912
_Iyear_1990	1.85512	.2408678	7.70	0.000	1.383028	2.327213
_Iyear_1991	1.645526	.2437806	6.75	0.000	1.167724	2.123327
_Iyear_1992	1.937432	.2398317	8.08	0.000	1.467371	2.407494
_Iyear_1993	1.921184	.2400316	8.00	0.000	1.45073	2.391637
_Iyear_1994	2.079235	.2381819	8.73	0.000	1.612407	2.546063
_Iyear_1995	1.985566	.2392529	8.30	0.000	1.516639	2.454493
_Iyear_1996	2.342297	.2355466	9.94	0.000	1.880634	2.80396
_Iyear_1997	2.079235	.2381819	8.73	0.000	1.612407	2.546063
_Iyear_1998	2.356223	.2354217	10.01	0.000	1.894805	2.817641
_Iyear_1999	2.411283	.2349417	10.26	0.000	1.950805	2.87176
_Iyear_2000	2.59663	.2334823	11.12	0.000	2.139013	3.054247
_Iyear_2001	2.397612	.2350588	10.20	0.000	1.936905	2.858319
_Iyear_2002	2.397612	.2350588	10.20	0.000	1.936905	2.858319
_Iyear_2003	2.424892	.2348264	10.33	0.000	1.964641	2.885143
_Iyear_2004	2.438441	.2347129	10.39	0.000	1.978412	2.89847
_Iyear_2005	2.59663	.2334823	11.12	0.000	2.139013	3.054247
_Iyear_2006	2.710481	.2327002	11.65	0.000	2.254397	3.166565
_Iyear_2007	2.880675	.2316841	12.43	0.000	2.426582	3.334767
_Iyear_2008	3.310429	.2298671	14.40	0.000	2.859898	3.76096
_Iyear_2009	3.321244	.2298343	14.45	0.000	2.870777	3.77171
_Iyear_2010	3.032823	.2435841	12.45	0.000	2.555407	3.510239
age	-.0011421	.0049472	-0.23	0.817	-.0108385	.0085543
female	-.2022599	.0703014	-2.88	0.004	-.3400481	-.0644718
ranown2	.4893612	.4253196	1.15	0.250	-.3442498	1.322972
ranown3	1.517526	.4151027	3.66	0.000	.7039396	2.331112
ranown4	2.363155	.3753542	6.30	0.000	1.627474	3.098835
ranown5	-.2596876	.3439743	-0.75	0.450	-.933865	.4144897
ranown6	.2189261	1.065481	0.21	0.837	-1.869379	2.307231
ranown7	-1.627061	.5777638	-2.82	0.005	-2.759457	-.4946646
ranown8	-1.164498	.3780893	-3.08	0.002	-1.90554	-.4234568
ranown9	-1.487012	.4169039	-3.57	0.000	-2.304129	-.6698958
ranown10	1.453399	.492121	2.95	0.003	.4888591	2.417938
ranown11	3.408512	.5154625	6.61	0.000	2.398224	4.4188
ranown12	3.497221	.5946523	5.88	0.000	2.331723	4.662718
ranown13	1.986909	.585417	3.39	0.001	.8395122	3.134305
ranown14	-.2721202	.5709075	-0.48	0.634	-1.391078	.846838
ranown15	-.0969136	.4377828	-0.22	0.825	-.954952	.7611249

ranown16	-.4029463	.3272067	-1.23	0.218	-1.04426	.238367
ranown17	-.3056286	.5152786	-0.59	0.553	-1.315556	.7042989
ranown18	-.4392135	.4068929	-1.08	0.280	-1.236709	.3582818
ranown19	.6553266	.3947357	1.66	0.097	-.1183411	1.428994
ranown20	-.0178121	.3234488	-0.06	0.956	-.6517601	.6161358
ranown21	.0477125	.2807798	0.17	0.865	-.5026058	.5980308
ranown22	2.227434	.5551544	4.01	0.000	1.139351	3.315516
ranown23	1.344426	.5969603	2.25	0.024	.1744053	2.514447
ranown24	-.2017414	.4747365	-0.42	0.671	-1.132208	.728725
ranown25	-.4479606	.3854858	-1.16	0.245	-1.203499	.3075778
ranown27	.1619159	.6116488	0.26	0.791	-1.036894	1.360726
ranown28	.9771675	.3410759	2.86	0.004	.308671	1.645664
ranown29	-.9003238	.5507075	-1.63	0.102	-1.979691	.1790432
ranown30	-.1854272	.4496139	-0.41	0.680	-1.066654	.6957999
ranown31	-.1518939	.4346997	-0.35	0.727	-1.00389	.7001018
ranown32	-1.61172	.604517	-2.67	0.008	-2.796551	-.4268881
ranown33	-1.019223	.4977467	-2.05	0.041	-1.994788	-.0436571
ranown34	1.231574	.4334483	2.84	0.004	.3820312	2.081117
ranown35	.9645556	.4379512	2.20	0.028	.106187	1.822924
ranown36	-.9184288	.6198354	-1.48	0.138	-2.133284	.2964262
ranown37	2.046593	.4863085	4.21	0.000	1.093445	2.99974
ranown38	.8546395	.4595729	1.86	0.063	-.0461068	1.755386
ranown39	.4193625	.4832049	0.87	0.385	-.5277017	1.366427
ranown40	-.8642259	.627827	-1.38	0.169	-2.094744	.3662924
ranown41	-1.130399	.7989342	-1.41	0.157	-2.696282	.435483
ranown43	-1.49304	.5516318	-2.71	0.007	-2.574219	-.4118615
ranown44	-1.064294	.4547704	-2.34	0.019	-1.955628	-.1729606
ranown45	-.5962716	.5603472	-1.06	0.287	-1.694532	.5019887
ranown46	-.8884399	.4585985	-1.94	0.053	-1.787276	.0103967
ranown47	-.7811691	.3921782	-1.99	0.046	-1.549824	-.012514
ranown48	.2682504	.2928762	0.92	0.360	-.3057765	.8422773
emplw11	-1.555007	.3487048	-4.46	0.000	-2.238456	-.8715584
emplw12	-.1029332	.0853882	-1.21	0.228	-.270291	.0644245
emplw21	-1.08073	.795468	-1.36	0.174	-2.639819	.4783584
emplw31	-.5993482	.0715075	-8.38	0.000	-.7395004	-.459196
inc2w2	-.5439766	.0839082	-6.48	0.000	-.7084337	-.3795195
inc3w2	-.7360468	.0957828	-7.68	0.000	-.9237776	-.5483159
inc4w2	-1.330769	.2067681	-6.44	0.000	-1.736027	-.9255108
inc3w3	-.1979559	.0761431	-2.60	0.009	-.3471938	-.0487181
occ4w1	-.2420292	.1106985	-2.19	0.029	-.4589943	-.0250641
occ5w1	-.5338009	.1554483	-3.43	0.001	-.8384739	-.2291279
jsw2	.0125988	.0010339	12.19	0.000	.0105724	.0146252
marrw12	.7684577	.1807355	4.25	0.000	.4142226	1.122693
marrw14	.6336835	.1781966	3.56	0.000	.2844245	.9829424
marrw16	2.966921	.3586999	8.27	0.000	2.263882	3.66996
marrw22	-1.876315	.1534087	-12.23	0.000	-2.17699	-1.575639
marrw24	-1.543354	.1418582	-10.88	0.000	-1.821391	-1.265317
marrw25	-1.467298	.3730725	-3.93	0.000	-2.198506	-.7360892
marrw26	-3.518417	.3403612	-10.34	0.000	-4.185513	-2.851321

marrw31	.872872	.1506508	5.79	0.000	.5776017	1.168142
marrw33	.6173	.0983195	6.28	0.000	.4245974	.8100026
marrw35	1.512975	.1563846	9.67	0.000	1.206467	1.819483
childw1	-.3537456	.067757	-5.22	0.000	-.4865468	-.2209444
childw2	-.3966473	.0753243	-5.27	0.000	-.5442803	-.2490143
childw3	.4926071	.0605776	8.13	0.000	.3738772	.6113369
deaw3	.2562396	.0298379	8.59	0.000	.1977583	.3147208
sepaw3	-.7441515	.1549395	-4.80	0.000	-1.047827	-.4404757
accdw2	.3750459	.0722045	5.19	0.000	.2335277	.5165641
accdw3	.1598964	.0965239	1.66	0.098	-.029287	.3490797
illw1	.2041565	.0670422	3.05	0.002	.0727561	.3355568
movew1	.445296	.0805797	5.53	0.000	.2873628	.6032293
movew3	.3607025	.1046935	3.45	0.001	.155507	.5658981
shjobw1	.0105123	.0011736	8.96	0.000	.0082121	.0128126
shjobw2	-.0051499	.0010489	-4.91	0.000	-.0072056	-.0030941
shfamw2	.0089773	.0010663	8.42	0.000	.0068875	.0110671
shfincw1	-.0045248	.0009769	-4.63	0.000	-.0064395	-.0026101
shhousw3	.005926	.00096	6.17	0.000	.0040445	.0078076
suprtw1	.0087164	.0016823	5.18	0.000	.005419	.0120137
suprtw2	-.0043814	.0007667	-5.71	0.000	-.0058841	-.0028787
sufamw1	.0075024	.0016782	4.47	0.000	.0042132	.0107915
sufamw3	.0059557	.0009981	5.97	0.000	.0039996	.0079119
suchrw1	-.0127222	.0025495	-4.99	0.000	-.0177191	-.0077252
phlthw2	-.0092713	.0022837	-4.06	0.000	-.0137473	-.0047953
phlthw3	-.0073213	.0022447	-3.26	0.001	-.0117209	-.0029217
mhlthw1	.0224021	.0025755	8.70	0.000	.0173541	.0274501
mhlthw2	-.0096876	.0021224	-4.56	0.000	-.0138473	-.0055278
smokw3	-.0054156	.0008479	-6.39	0.000	-.0070774	-.0037538
beerw1	.0923627	.0142425	6.49	0.000	.0644479	.1202775
beerw2	-.0646322	.0262855	-2.46	0.014	-.1161509	-.0131135
beerw3	.1115618	.0163681	6.82	0.000	.079481	.1436427
pillw1	.0406536	.0152014	2.67	0.007	.0108594	.0704479
pillw2	.0429254	.0122806	3.50	0.000	.0188558	.066995
pillw3	-.0269603	.0084785	-3.18	0.001	-.0435777	-.0103428
medcow1	-.0419421	.0127994	-3.28	0.001	-.0670284	-.0168557
medcow2	.0570424	.0061514	9.27	0.000	.0449859	.069099
hospw1	.0142831	.0026323	5.43	0.000	.0091239	.0194423
hospw2	-.0063911	.002416	-2.65	0.008	-.0111263	-.0016559
icdxcnt	.0476514	.0146182	3.26	0.001	.0190002	.0763026
icdxln1	-2.484489	1.035606	-2.40	0.016	-4.514238	-.4547389
icdxln2	1.501458	.4890382	3.07	0.002	.5429612	2.459956
icdxln3	-3.487201	.3892781	-8.96	0.000	-4.250172	-2.72423
icdxln9	-1.726091	.5410214	-3.19	0.001	-2.786473	-.6657082
icdxln10	2.200852	.4002294	5.50	0.000	1.416417	2.985288
icdxln11	2.591555	.3927041	6.60	0.000	1.821869	3.361241
icdxln12	1.840589	.7140915	2.58	0.010	.4409948	3.240182
icdxln16	1.101329	.3741644	2.94	0.003	.3679802	1.834678
icdxln21	3.051484	.5806269	5.26	0.000	1.913476	4.189492
icdxln23	-.4956836	.2123476	-2.33	0.020	-.9118771	-.07949

icdxln34	-2.98479	.7739533	-3.86	0.000	-4.501711	-1.46787
icdxln35	-1.226699	.6312356	-1.94	0.052	-2.463898	.0104998
icdxln38	-.4288748	.1327639	-3.23	0.001	-.6890872	-.1686624
icdxln45	-2.316857	.7852857	-2.95	0.003	-3.855988	-.7777249
icdxln46	-.9582853	.4164512	-2.30	0.021	-1.774515	-.1420559
icdxln49	-1.221789	.4938688	-2.47	0.013	-2.189754	-.2538244
icdxln50	.9747859	.3218177	3.03	0.002	.3440349	1.605537
icdxln62	1.002922	.321503	3.12	0.002	.3727878	1.633057
icdxln63	3.644409	.6035483	6.04	0.000	2.461476	4.827342
icdxln67	2.228027	.3282306	6.79	0.000	1.584707	2.871347
icdxln70	1.429492	.4803695	2.98	0.003	.4879848	2.370999
icdxln76	-.8881007	.2274906	-3.90	0.000	-1.333974	-.4422274
icdxln77	3.879751	.5602846	6.92	0.000	2.781613	4.977888
icdxln78	-2.106779	.5556527	-3.79	0.000	-3.195838	-1.017719
icdxln79	3.090428	.3724168	8.30	0.000	2.360504	3.820351
icdxln80	2.834773	.5569592	5.09	0.000	1.743154	3.926393
icdxln81	.7790197	.2368075	3.29	0.001	.3148855	1.243154
icdxln82	.3208375	.1390644	2.31	0.021	.0482762	.5933988
icdxln84	2.141389	.303703	7.05	0.000	1.546142	2.736636
icdxln86	-.891857	.2681482	-3.33	0.001	-1.417418	-.3662963
icdxln88	1.497056	.4652011	3.22	0.001	.5852787	2.408833
icdxln89	-1.185703	.3390974	-3.50	0.000	-1.850321	-.5210841
icdxln90	-.7934727	.2611943	-3.04	0.002	-1.305404	-.2815412
icdxln91	1.339764	.2410172	5.56	0.000	.8673789	1.812149
icdxln92	-2.077017	.6266593	-3.31	0.001	-3.305247	-.8487878
icdxln94	2.124672	.5565047	3.82	0.000	1.033943	3.215401
icdxln96	-.4351623	.1720951	-2.53	0.011	-.7724626	-.0978621
icdxln97	-.9276799	.2211113	-4.20	0.000	-1.36105	-.4943098
icdxln98	1.06875	.1635585	6.53	0.000	.7481815	1.389319
icdxln99	.60177	.3022003	1.99	0.046	.0094682	1.194072
icdxln100	.5069499	.2620697	1.93	0.053	-.0066973	1.020597
icdxln101	-2.38554	1.028804	-2.32	0.020	-4.401959	-.3691203
icdxln102	2.364819	.5031999	4.70	0.000	1.378565	3.351072
WHPpain	-.0125223	.0022451	-5.58	0.000	-.0169227	-.0081219
WHPer	-.0080329	.0026364	-3.05	0.002	-.0132002	-.0028656
WHPsleep	.0023309	.0012813	1.82	0.069	-.0001805	.0048422
WHPsociso	.0076258	.0018478	4.13	0.000	.0040041	.0112474
WHPpa	.0108197	.0024901	4.35	0.000	.0059391	.0157002
HP2hmcare	.1317035	.0769396	1.71	0.087	-.0190954	.2825024
HP2sxlife	-.4113413	.0815129	-5.05	0.000	-.5711037	-.2515789
HP2inthob	.5728574	.1001507	5.72	0.000	.3765656	.7691492
HP2vacatn	-.2782682	.1021813	-2.72	0.006	-.4785399	-.0779965
BSItotal	.0207846	.0040977	5.07	0.000	.0127533	.028816
BSIoc	-.0540699	.0130435	-4.15	0.000	-.0796347	-.0285052
BSIphanx	-.0815893	.0140114	-5.82	0.000	-.1090511	-.0541275
BSIpar	-.0420702	.013602	-3.09	0.002	-.0687296	-.0154109
BSIpsyc	.0365838	.0182843	2.00	0.045	.0007473	.0724203
MiPTSD	.0045996	.0035007	1.31	0.189	-.0022616	.0114608
_cons	-5.615639	.5344328	-10.51	0.000	-6.663108	-4.56817

```

57 .      estadd nagelkerke

      added scalar:
            e(nagelkerke) =  .473809

58 .      estadd scalar numparms=e(k)

      added scalar:
            e(numparms) =  193

59 .      eststo PsychHealth

60 .      // note that MiPTSD becomes nonsignificant
61 .      xi: logit outcomec i.year age female ranown2-ranown25 ranown27-ranown41 rano
> wn43-ranown48 ///
>      emplw21 emplw31 ///
>      inc2w2-inc4w2 inc3w3 occ4w1 occ5w1 jsw2 marrw12 marrw14 marrw16 marrw22
> ///
>      marrw24-marrw26 marrw31 marrw33 marrw35 childw1-childw3 deaw3 sepaw3 acc
> dw2-accdw3 ///
>      illw1 movew1 movew3 ///
>      shjobw1-shjobw2 shfamw2 shfincw1 shhousw3 suprtw1 suprtw2 sufamw1 sufam
> w3 suchrw1 phlthw2-mhlthw2 ///
>      smokw3-beerw3 pillw1-pillw3 medcow1 medcow2 hospw1-hospw2 icdxcnt ///
>
>      icdxln1-icdxln3 icdxln9-icdxln12 ///
>      icdxln16 icdxln21 icdxln23 icdxln34-icdxln35 icdxln38 ///
>      icdxln45-icdxln46 icdxln49-icdxln50 ///
>      icdxln62-icdxln63 icdxln67 icdxln70 icdxln76-icdxln82 icdxln84 icdxln86
> icdxln88-icdxln92 ///
>      icdxln94 icdxln96-icdxln102 WHPpain-WHPpa HP2hmcare HP2sxlife HP2inthob
> HP2vacatn ///
>      BSItotal BSIoc BSIphanx BSIpar-BSIpsyc MiPTSD maxcumdosew3
i.year      _Iyear_1980-2010      (naturally coded; _Iyear_1980 omitted)

Iteration 0:  log likelihood = -9492.3635
Iteration 1:  log likelihood = -6643.8722
Iteration 2:  log likelihood = -6169.7507
Iteration 3:  log likelihood = -6126.4171
Iteration 4:  log likelihood = -6126.1066
Iteration 5:  log likelihood = -6126.1046
Iteration 6:  log likelihood = -6126.1046

```

Logistic regression

Number of obs = 18944

LR chi2(191) = 6732.52

Prob > chi2 = 0.0000

Log likelihood = -6126.1046

Pseudo R2 = 0.3546

outcomec	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
_Iyear_1981	-.2613981	.2957981	-0.88	0.377	-.8411517	.3183554
_Iyear_1982	-8.91e-15	.284922	-0.00	1.000	-.5584368	.5584368
_Iyear_1983	-.3577467	.3002445	-1.19	0.233	-.946215	.2307217
_Iyear_1984	-.2151187	.29375	-0.73	0.464	-.7908582	.3606208
_Iyear_1985	-9.33e-15	.284922	-0.00	1.000	-.5584368	.5584368
_Iyear_1986	2.490218	.2341615	10.63	0.000	2.03127	2.949166
_Iyear_1987	1.95263	.2395397	8.15	0.000	1.483141	2.42212
_Iyear_1988	1.98458	.2391559	8.30	0.000	1.515843	2.453317
_Iyear_1989	1.69897	.2429036	6.99	0.000	1.222888	2.175053
_Iyear_1990	1.854284	.240776	7.70	0.000	1.382371	2.326196
_Iyear_1991	1.644876	.2436969	6.75	0.000	1.167239	2.122514
_Iyear_1992	1.936504	.2397367	8.08	0.000	1.466629	2.40638
_Iyear_1993	1.920275	.2399372	8.00	0.000	1.450006	2.390543
_Iyear_1994	2.078123	.2380813	8.73	0.000	1.611493	2.544754
_Iyear_1995	1.98458	.2391559	8.30	0.000	1.515843	2.453317
_Iyear_1996	2.340758	.2354364	9.94	0.000	1.879311	2.802205
_Iyear_1997	2.078123	.2380813	8.73	0.000	1.611493	2.544754
_Iyear_1998	2.354658	.2353111	10.01	0.000	1.893457	2.815859
_Iyear_1999	2.409613	.2348292	10.26	0.000	1.949356	2.86987
_Iyear_2000	2.594572	.2333641	11.12	0.000	2.137187	3.051957
_Iyear_2001	2.395969	.2349468	10.20	0.000	1.935482	2.856456
_Iyear_2002	2.395969	.2349468	10.20	0.000	1.935482	2.856456
_Iyear_2003	2.423196	.2347135	10.32	0.000	1.963166	2.883225
_Iyear_2004	2.436718	.2345995	10.39	0.000	1.976911	2.896524
_Iyear_2005	2.594572	.2333641	11.12	0.000	2.137187	3.051957
_Iyear_2006	2.70816	.2325789	11.64	0.000	2.252314	3.164006
_Iyear_2007	2.877929	.2315587	12.43	0.000	2.424083	3.331776
_Iyear_2008	3.306486	.2297341	14.39	0.000	2.856215	3.756756
_Iyear_2009	3.317268	.2297011	14.44	0.000	2.867062	3.767474
_Iyear_2010	3.028707	.2434877	12.44	0.000	2.55148	3.505934
age	.0018366	.004836	0.38	0.704	-.0076417	.0113149
female	-.1971156	.0701461	-2.81	0.005	-.3345995	-.0596317
ranown2	.5695158	.4250441	1.34	0.180	-.2635554	1.402587
ranown3	1.189994	.3985629	2.99	0.003	.408825	1.971163
ranown4	2.358148	.3739168	6.31	0.000	1.625285	3.091012
ranown5	-.2807807	.3428278	-0.82	0.413	-.9527108	.3911494
ranown6	.1958118	1.06559	0.18	0.854	-1.892706	2.28433
ranown7	-1.562837	.5758756	-2.71	0.007	-2.691533	-.4341418
ranown8	-1.18996	.3730569	-3.19	0.001	-1.921138	-.4587818
ranown9	-1.464427	.4144449	-3.53	0.000	-2.276724	-.6521301
ranown10	1.481604	.497901	2.98	0.003	.5057362	2.457472

ranown11	3.352468	.5185033	6.47	0.000	2.33622	4.368715
ranown12	3.501626	.5933501	5.90	0.000	2.338681	4.664571
ranown13	2.033617	.5844685	3.48	0.001	.88808	3.179155
ranown14	-.3702763	.5695422	-0.65	0.516	-1.486559	.7460059
ranown15	-.1467549	.4361599	-0.34	0.737	-1.001613	.7081027
ranown16	-.4657868	.330255	-1.41	0.158	-1.113075	.1815011
ranown17	-.3820737	.5205348	-0.73	0.463	-1.402303	.6381558
ranown18	-.5723014	.4534333	-1.26	0.207	-1.461014	.3164115
ranown19	.80241	.3923579	2.05	0.041	.0334026	1.571417
ranown20	-.1551967	.323393	-0.48	0.631	-.7890354	.4786421
ranown21	.016758	.2784234	0.06	0.952	-.5289418	.5624578
ranown22	2.282153	.553261	4.12	0.000	1.197781	3.366524
ranown23	1.263948	.5996774	2.11	0.035	.0886022	2.439294
ranown24	-.1582738	.4731121	-0.33	0.738	-1.085556	.7690087
ranown25	-.4412647	.3846362	-1.15	0.251	-1.195138	.3126084
ranown27	.0310579	.6547238	0.05	0.962	-1.252177	1.314293
ranown28	.9430098	.3395262	2.78	0.005	.2775508	1.608469
ranown29	-1.02074	.5497899	-1.86	0.063	-2.098309	.0568283
ranown30	-.2127126	.4495476	-0.47	0.636	-1.09381	.6683846
ranown31	-.1752662	.4350999	-0.40	0.687	-1.028046	.677514
ranown32	-1.67341	.6048903	-2.77	0.006	-2.858973	-.4878465
ranown33	-1.073257	.510795	-2.10	0.036	-2.074397	-.072117
ranown34	1.194314	.4323984	2.76	0.006	.3468286	2.041799
ranown35	.9611585	.4345555	2.21	0.027	.1094454	1.812872
ranown36	-.9221683	.6200876	-1.49	0.137	-2.137518	.2931811
ranown37	2.099791	.4858275	4.32	0.000	1.147587	3.051995
ranown38	.904336	.4601842	1.97	0.049	.0023915	1.806281
ranown39	.4831337	.4810865	1.00	0.315	-.4597785	1.426046
ranown40	-.9463973	.6269183	-1.51	0.131	-2.175135	.2823401
ranown41	-1.256256	.7987777	-1.57	0.116	-2.821831	.30932
ranown43	-1.570659	.5544523	-2.83	0.005	-2.657365	-.4839523
ranown44	-1.091831	.4529344	-2.41	0.016	-1.979566	-.204096
ranown45	-.5166562	.5577127	-0.93	0.354	-1.609753	.5764407
ranown46	-.9253417	.458986	-2.02	0.044	-1.824938	-.0257456
ranown47	-.8397739	.3954797	-2.12	0.034	-1.6149	-.0646479
ranown48	.2367957	.2924771	0.81	0.418	-.336449	.8100403
emplw21	-2.164813	.7528603	-2.88	0.004	-3.640392	-.6892345
emplw31	-.5588355	.0704553	-7.93	0.000	-.6969254	-.4207456
inc2w2	-.5350005	.0837481	-6.39	0.000	-.6991438	-.3708572
inc3w2	-.6916094	.0949275	-7.29	0.000	-.8776638	-.5055549
inc4w2	-1.306538	.2066579	-6.32	0.000	-1.71158	-.9014962
inc3w3	-.1957935	.0759844	-2.58	0.010	-.3447202	-.0468667
occ4w1	-.2513083	.110674	-2.27	0.023	-.4682255	-.0343912
occ5w1	-.5334149	.1555335	-3.43	0.001	-.8382548	-.2285749
jsw2	.0117839	.0009872	11.94	0.000	.009849	.0137187
marrw12	.9306825	.1786733	5.21	0.000	.5804893	1.280876
marrw14	.7268208	.1770348	4.11	0.000	.379839	1.073803
marrw16	3.010706	.3575057	8.42	0.000	2.310008	3.711405
marrw22	-1.84189	.1532843	-12.02	0.000	-2.142322	-1.541458

marrw24	-1.510606	.1409967	-10.71	0.000	-1.786954	-1.234257
marrw25	-1.474701	.3728066	-3.96	0.000	-2.205388	-.7440134
marrw26	-3.508966	.3390691	-10.35	0.000	-4.173529	-2.844403
marrw31	.7797843	.1495381	5.21	0.000	.486695	1.072874
marrw33	.5619973	.0968203	5.80	0.000	.372233	.7517615
marrw35	1.490353	.1560896	9.55	0.000	1.184423	1.796283
childw1	-.3595211	.0672765	-5.34	0.000	-.4913806	-.2276616
childw2	-.3934748	.0753381	-5.22	0.000	-.5411347	-.2458148
childw3	.5000473	.0607885	8.23	0.000	.380904	.6191907
deaw3	.2569015	.029901	8.59	0.000	.1982965	.3155064
sepaw3	-.7962249	.1556075	-5.12	0.000	-1.10121	-.4912398
accdw2	.3885407	.0717332	5.42	0.000	.2479462	.5291352
accdw3	.1152479	.096473	1.19	0.232	-.0738357	.3043315
illw1	.1982764	.0666629	2.97	0.003	.0676195	.3289333
movew1	.4435389	.0805352	5.51	0.000	.2856927	.6013851
movew3	.3559207	.1047045	3.40	0.001	.1507036	.5611378
shjobw1	.010375	.0011726	8.85	0.000	.0080768	.0126731
shjobw2	-.0045689	.0010463	-4.37	0.000	-.0066196	-.0025183
shfamw2	.0090751	.001063	8.54	0.000	.0069917	.0111585
shfincw1	-.0043149	.0009763	-4.42	0.000	-.0062284	-.0024014
shhousw3	.0053381	.0009488	5.63	0.000	.0034786	.0071977
suprtw1	.0101621	.0016349	6.22	0.000	.0069578	.0133665
suprtw2	-.0044966	.0007652	-5.88	0.000	-.0059963	-.0029969
sufamw1	.0056852	.0016265	3.50	0.000	.0024974	.008873
sufamw3	.0055273	.0009919	5.57	0.000	.0035832	.0074714
suchrw1	-.0124451	.0025561	-4.87	0.000	-.017455	-.0074353
phlthw2	-.0097616	.0022736	-4.29	0.000	-.0142178	-.0053053
phlthw3	-.0075676	.0022197	-3.41	0.001	-.0119181	-.0032172
mhlthw1	.0222948	.0025527	8.73	0.000	.0172917	.0272979
mhlthw2	-.0093915	.0021121	-4.45	0.000	-.0135312	-.0052518
smokw3	-.0051261	.0008439	-6.07	0.000	-.0067801	-.0034721
beerw1	.0962116	.0142246	6.76	0.000	.0683319	.1240913
beerw2	-.0726566	.0262934	-2.76	0.006	-.1241908	-.0211224
beerw3	.1096657	.0163464	6.71	0.000	.0776273	.141704
pillw1	.0433677	.0150511	2.88	0.004	.013868	.0728674
pillw2	.0419662	.0121553	3.45	0.001	.0181423	.06579
pillw3	-.0267105	.0083635	-3.19	0.001	-.0431026	-.0103184
medcow1	-.0484558	.01269	-3.82	0.000	-.0733278	-.0235838
medcow2	.059091	.0060778	9.72	0.000	.0471787	.0710034
hospw1	.0143166	.0026376	5.43	0.000	.009147	.0194863
hospw2	-.0068101	.0024151	-2.82	0.005	-.0115437	-.0020766
icdxcnt	.0469902	.0145883	3.22	0.001	.0183978	.0755827
icdx1n1	-2.383159	1.034973	-2.30	0.021	-4.411668	-.3546493
icdx1n2	1.508467	.4884641	3.09	0.002	.551095	2.465839
icdx1n3	-3.494229	.3906773	-8.94	0.000	-4.259942	-2.728515
icdx1n9	-1.751242	.5430264	-3.22	0.001	-2.815554	-.6869295
icdx1n10	2.17983	.3993841	5.46	0.000	1.397051	2.962608
icdx1n11	2.726433	.3877325	7.03	0.000	1.966492	3.486375
icdx1n12	1.865445	.7136761	2.61	0.009	.4666656	3.264224

icdxln16	1.129493	.3708978	3.05	0.002	.4025471	1.85644
icdxln21	3.253251	.5767464	5.64	0.000	2.122849	4.383653
icdxln23	-.4642647	.2108992	-2.20	0.028	-.8776195	-.05091
icdxln34	-2.879702	.7752132	-3.71	0.000	-4.399092	-1.360312
icdxln35	-1.226572	.6364679	-1.93	0.054	-2.474026	.0208822
icdxln38	-.4070774	.1325195	-3.07	0.002	-.6668109	-.147344
icdxln45	-2.182291	.7848906	-2.78	0.005	-3.720649	-.6439341
icdxln46	-.9943592	.4176182	-2.38	0.017	-1.812876	-.1758426
icdxln49	-1.349565	.5655073	-2.39	0.017	-2.457939	-.2411915
icdxln50	.9727673	.3216097	3.02	0.002	.3424238	1.603111
icdxln62	1.01088	.3171306	3.19	0.001	.3893153	1.632445
icdxln63	3.619932	.6032801	6.00	0.000	2.437525	4.80234
icdxln67	2.069261	.361317	5.73	0.000	1.361093	2.777429
icdxln70	1.43552	.488627	2.94	0.003	.477829	2.393212
icdxln76	-.8172314	.2250814	-3.63	0.000	-1.258383	-.3760799
icdxln77	3.950929	.5671248	6.97	0.000	2.839385	5.062473
icdxln78	-2.100523	.5550748	-3.78	0.000	-3.18845	-1.012596
icdxln79	3.099291	.3724973	8.32	0.000	2.36921	3.829373
icdxln80	2.936644	.5559909	5.28	0.000	1.846922	4.026366
icdxln81	.7758093	.2355364	3.29	0.001	.3141665	1.237452
icdxln82	.3829912	.1379284	2.78	0.005	.1126565	.653326
icdxln84	2.165234	.3031052	7.14	0.000	1.571158	2.759309
icdxln86	-.8883685	.2657688	-3.34	0.001	-1.409266	-.3674712
icdxln88	1.475356	.4627819	3.19	0.001	.56832	2.382392
icdxln89	-1.207211	.3435888	-3.51	0.000	-1.880633	-.5337893
icdxln90	-.8125091	.2599156	-3.13	0.002	-1.321934	-.3030839
icdxln91	1.353701	.2402318	5.63	0.000	.8828551	1.824546
icdxln92	-1.971221	.6239676	-3.16	0.002	-3.194175	-.7482674
icdxln94	2.14158	.5567053	3.85	0.000	1.050458	3.232702
icdxln96	-.3448282	.1691894	-2.04	0.042	-.6764334	-.013223
icdxln97	-.8657459	.2207047	-3.92	0.000	-1.298319	-.4331726
icdxln98	1.127317	.1623923	6.94	0.000	.8090341	1.4456
icdxln99	.5711993	.3043946	1.88	0.061	-.0254032	1.167802
icdxln100	.535968	.2612332	2.05	0.040	.0239603	1.047976
icdxln101	-2.415743	1.027022	-2.35	0.019	-4.428668	-.4028178
icdxln102	2.361521	.5014683	4.71	0.000	1.378661	3.344381
WHPpain	-.0126423	.0022411	-5.64	0.000	-.0170349	-.0082498
WHPer	-.0079717	.0026363	-3.02	0.002	-.0131387	-.0028048
WHPsleep	.0019298	.001272	1.52	0.129	-.0005633	.004423
WHPsociso	.0073316	.0018455	3.97	0.000	.0037145	.0109487
WHPpa	.011865	.0024893	4.77	0.000	.006986	.016744
HP2hmcare	.1269011	.077285	1.64	0.101	-.0245747	.2783769
HP2sxlife	-.418099	.0816908	-5.12	0.000	-.5782099	-.257988
HP2inthob	.5917914	.0999517	5.92	0.000	.3958896	.7876932
HP2vacatn	-.2719701	.1020711	-2.66	0.008	-.4720259	-.0719144
BSItotal	.0195371	.0041055	4.76	0.000	.0114905	.0275838
BSIoc	-.0532175	.0130503	-4.08	0.000	-.0787956	-.0276393
BSIphanx	-.0823003	.0139311	-5.91	0.000	-.1096046	-.0549959
BSIpar	-.0367822	.0135303	-2.72	0.007	-.0633012	-.0102633

BSIpsyc	.0429497	.0183045	2.35	0.019	.0070735	.078826
MiPTSD	.0058129	.0034881	1.67	0.096	-.0010237	.0126495
maxcumdosew3	.0091717	.0103213	0.89	0.374	-.0110577	.0294012
_cons	-5.903373	.529381	-11.15	0.000	-6.940941	-4.865805

```

62 .      estadd nagelkerke

added scalar:
      e(nagelkerke) =  .47257909

63 .      estadd scalar numparms=e(k)

added scalar:
      e(numparms) =  192

64 .      // note that MiPTSD becomes nonsignificant
65 .      estadd scalar numparms=e(k)
e(numparms) already defined
r(110);

end of do-file

r(110);

66 . do "/var/folders/pe/pe0f4YgGFgmf-hE+VLvhN++++TI/-Tmp-//SD02592.000000"

67 . xi: logit outcomec i.year age female ranown2-ranown25 ranown27-ranown41 rano
> wn43-ranown48 ///
>      emplw21 emplw31 ///
>      inc2w2-inc4w2 inc3w3 occ4w1 occ5w1 jsw2 marrw12 marrw14 marrw16 marrw22
> ///
>      marrw24-marrw26 marrw31 marrw33 marrw35 childw1-childw3 deaw3 sepaw3 acc
> dw2-accdw3 ///
>      illw1 movew1 movew3 ///
>      shjobw1-shjobw2 shfamw2 shfincw1 shhousw3 suprtw1 suprtw2 sufamw1 sufam
> w3 suchrw1 phlthw2-mhlthw2 ///
>      smokw3-beerw3 pillw1-pillw3 medcow1 medcow2 hospw1-hospw2 icdxcnt ///
>
>      icdx1n1-icdx1n3 icdx1n9-icdx1n12 ///
>      icdx1n16 icdx1n21 icdx1n23 icdx1n34-icdx1n35 icdx1n38 ///
>      icdx1n45-icdx1n46 icdx1n49-icdx1n50 ///
>      icdx1n62-icdx1n63 icdx1n67 icdx1n70 icdx1n76-icdx1n82 icdx1n84 icdx1n86
> icdx1n88-icdx1n92 ///
>      icdx1n94 icdx1n96-icdx1n102 WHPpain-WHPpa HP2hmcare HP2sxlife HP2inthob
> HP2vacatn ///
>      BSItotal BSIoc BSIphanx BSIpar-BSIpsyc MiPTSD maxcumdosew3
i.year      _Iyear_1980-2010      (naturally coded; _Iyear_1980 omitted)

```

```

Iteration 0:  log likelihood = -9492.3635
Iteration 1:  log likelihood = -6643.8722
Iteration 2:  log likelihood = -6169.7507
Iteration 3:  log likelihood = -6126.4171
Iteration 4:  log likelihood = -6126.1066
Iteration 5:  log likelihood = -6126.1046
Iteration 6:  log likelihood = -6126.1046

```

Logistic regression

```

Number of obs   =    18944
LR chi2(191)    =    6732.52
Prob > chi2     =    0.0000
Pseudo R2      =    0.3546

```

Log likelihood = -6126.1046

outcomec	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
_Iyear_1981	-.2613981	.2957981	-0.88	0.377	-.8411517	.3183554
_Iyear_1982	-8.91e-15	.284922	-0.00	1.000	-.5584368	.5584368
_Iyear_1983	-.3577467	.3002445	-1.19	0.233	-.946215	.2307217
_Iyear_1984	-.2151187	.29375	-0.73	0.464	-.7908582	.3606208
_Iyear_1985	-9.33e-15	.284922	-0.00	1.000	-.5584368	.5584368
_Iyear_1986	2.490218	.2341615	10.63	0.000	2.03127	2.949166
_Iyear_1987	1.95263	.2395397	8.15	0.000	1.483141	2.42212
_Iyear_1988	1.98458	.2391559	8.30	0.000	1.515843	2.453317
_Iyear_1989	1.69897	.2429036	6.99	0.000	1.222888	2.175053
_Iyear_1990	1.854284	.240776	7.70	0.000	1.382371	2.326196
_Iyear_1991	1.644876	.2436969	6.75	0.000	1.167239	2.122514
_Iyear_1992	1.936504	.2397367	8.08	0.000	1.466629	2.40638
_Iyear_1993	1.920275	.2399372	8.00	0.000	1.450006	2.390543
_Iyear_1994	2.078123	.2380813	8.73	0.000	1.611493	2.544754
_Iyear_1995	1.98458	.2391559	8.30	0.000	1.515843	2.453317
_Iyear_1996	2.340758	.2354364	9.94	0.000	1.879311	2.802205
_Iyear_1997	2.078123	.2380813	8.73	0.000	1.611493	2.544754
_Iyear_1998	2.354658	.2353111	10.01	0.000	1.893457	2.815859
_Iyear_1999	2.409613	.2348292	10.26	0.000	1.949356	2.86987
_Iyear_2000	2.594572	.2333641	11.12	0.000	2.137187	3.051957
_Iyear_2001	2.395969	.2349468	10.20	0.000	1.935482	2.856456
_Iyear_2002	2.395969	.2349468	10.20	0.000	1.935482	2.856456
_Iyear_2003	2.423196	.2347135	10.32	0.000	1.963166	2.883225
_Iyear_2004	2.436718	.2345995	10.39	0.000	1.976911	2.896524
_Iyear_2005	2.594572	.2333641	11.12	0.000	2.137187	3.051957
_Iyear_2006	2.70816	.2325789	11.64	0.000	2.252314	3.164006
_Iyear_2007	2.877929	.2315587	12.43	0.000	2.424083	3.331776
_Iyear_2008	3.306486	.2297341	14.39	0.000	2.856215	3.756756
_Iyear_2009	3.317268	.2297011	14.44	0.000	2.867062	3.767474
_Iyear_2010	3.028707	.2434877	12.44	0.000	2.55148	3.505934
age	.0018366	.004836	0.38	0.704	-.0076417	.0113149
female	-.1971156	.0701461	-2.81	0.005	-.3345995	-.0596317
ranown2	.5695158	.4250441	1.34	0.180	-.2635554	1.402587

ranown3	1.189994	.3985629	2.99	0.003	.408825	1.971163
ranown4	2.358148	.3739168	6.31	0.000	1.625285	3.091012
ranown5	-.2807807	.3428278	-0.82	0.413	-.9527108	.3911494
ranown6	.1958118	1.06559	0.18	0.854	-1.892706	2.28433
ranown7	-1.562837	.5758756	-2.71	0.007	-2.691533	-.4341418
ranown8	-1.18996	.3730569	-3.19	0.001	-1.921138	-.4587818
ranown9	-1.464427	.4144449	-3.53	0.000	-2.276724	-.6521301
ranown10	1.481604	.497901	2.98	0.003	.5057362	2.457472
ranown11	3.352468	.5185033	6.47	0.000	2.33622	4.368715
ranown12	3.501626	.5933501	5.90	0.000	2.338681	4.664571
ranown13	2.033617	.5844685	3.48	0.001	.88808	3.179155
ranown14	-.3702763	.5695422	-0.65	0.516	-1.486559	.7460059
ranown15	-.1467549	.4361599	-0.34	0.737	-1.001613	.7081027
ranown16	-.4657868	.330255	-1.41	0.158	-1.113075	.1815011
ranown17	-.3820737	.5205348	-0.73	0.463	-1.402303	.6381558
ranown18	-.5723014	.4534333	-1.26	0.207	-1.461014	.3164115
ranown19	.80241	.3923579	2.05	0.041	.0334026	1.571417
ranown20	-.1551967	.323393	-0.48	0.631	-.7890354	.4786421
ranown21	.016758	.2784234	0.06	0.952	-.5289418	.5624578
ranown22	2.282153	.553261	4.12	0.000	1.197781	3.366524
ranown23	1.263948	.5996774	2.11	0.035	.0886022	2.439294
ranown24	-.1582738	.4731121	-0.33	0.738	-1.085556	.7690087
ranown25	-.4412647	.3846362	-1.15	0.251	-1.195138	.3126084
ranown27	.0310579	.6547238	0.05	0.962	-1.252177	1.314293
ranown28	.9430098	.3395262	2.78	0.005	.2775508	1.608469
ranown29	-1.02074	.5497899	-1.86	0.063	-2.098309	.0568283
ranown30	-.2127126	.4495476	-0.47	0.636	-1.09381	.6683846
ranown31	-.1752662	.4350999	-0.40	0.687	-1.028046	.677514
ranown32	-1.67341	.6048903	-2.77	0.006	-2.858973	-.4878465
ranown33	-1.073257	.510795	-2.10	0.036	-2.074397	-.072117
ranown34	1.194314	.4323984	2.76	0.006	.3468286	2.041799
ranown35	.9611585	.4345555	2.21	0.027	.1094454	1.812872
ranown36	-.9221683	.6200876	-1.49	0.137	-2.137518	.2931811
ranown37	2.099791	.4858275	4.32	0.000	1.147587	3.051995
ranown38	.904336	.4601842	1.97	0.049	.0023915	1.806281
ranown39	.4831337	.4810865	1.00	0.315	-.4597785	1.426046
ranown40	-.9463973	.6269183	-1.51	0.131	-2.175135	.2823401
ranown41	-1.256256	.7987777	-1.57	0.116	-2.821831	.30932
ranown43	-1.570659	.5544523	-2.83	0.005	-2.657365	-.4839523
ranown44	-1.091831	.4529344	-2.41	0.016	-1.979566	-.204096
ranown45	-.5166562	.5577127	-0.93	0.354	-1.609753	.5764407
ranown46	-.9253417	.458986	-2.02	0.044	-1.824938	-.0257456
ranown47	-.8397739	.3954797	-2.12	0.034	-1.6149	-.0646479
ranown48	.2367957	.2924771	0.81	0.418	-.336449	.8100403
emplw21	-2.164813	.7528603	-2.88	0.004	-3.640392	-.6892345
emplw31	-.5588355	.0704553	-7.93	0.000	-.6969254	-.4207456
inc2w2	-.5350005	.0837481	-6.39	0.000	-.6991438	-.3708572
inc3w2	-.6916094	.0949275	-7.29	0.000	-.8776638	-.5055549
inc4w2	-1.306538	.2066579	-6.32	0.000	-1.71158	-.9014962

inc3w3	-.1957935	.0759844	-2.58	0.010	-.3447202	-.0468667
occ4w1	-.2513083	.110674	-2.27	0.023	-.4682255	-.0343912
occ5w1	-.5334149	.1555335	-3.43	0.001	-.8382548	-.2285749
jsw2	.0117839	.0009872	11.94	0.000	.009849	.0137187
marrw12	.9306825	.1786733	5.21	0.000	.5804893	1.280876
marrw14	.7268208	.1770348	4.11	0.000	.379839	1.073803
marrw16	3.010706	.3575057	8.42	0.000	2.310008	3.711405
marrw22	-1.84189	.1532843	-12.02	0.000	-2.142322	-1.541458
marrw24	-1.510606	.1409967	-10.71	0.000	-1.786954	-1.234257
marrw25	-1.474701	.3728066	-3.96	0.000	-2.205388	-.7440134
marrw26	-3.508966	.3390691	-10.35	0.000	-4.173529	-2.844403
marrw31	.7797843	.1495381	5.21	0.000	.486695	1.072874
marrw33	.5619973	.0968203	5.80	0.000	.372233	.7517615
marrw35	1.490353	.1560896	9.55	0.000	1.184423	1.796283
childw1	-.3595211	.0672765	-5.34	0.000	-.4913806	-.2276616
childw2	-.3934748	.0753381	-5.22	0.000	-.5411347	-.2458148
childw3	.5000473	.0607885	8.23	0.000	.380904	.6191907
deaw3	.2569015	.029901	8.59	0.000	.1982965	.3155064
sepaw3	-.7962249	.1556075	-5.12	0.000	-1.10121	-.4912398
accdw2	.3885407	.0717332	5.42	0.000	.2479462	.5291352
accdw3	.1152479	.096473	1.19	0.232	-.0738357	.3043315
illw1	.1982764	.0666629	2.97	0.003	.0676195	.3289333
movew1	.4435389	.0805352	5.51	0.000	.2856927	.6013851
movew3	.3559207	.1047045	3.40	0.001	.1507036	.5611378
shjobw1	.010375	.0011726	8.85	0.000	.0080768	.0126731
shjobw2	-.0045689	.0010463	-4.37	0.000	-.0066196	-.0025183
shfamw2	.0090751	.001063	8.54	0.000	.0069917	.0111585
shfincw1	-.0043149	.0009763	-4.42	0.000	-.0062284	-.0024014
shhousw3	.0053381	.0009488	5.63	0.000	.0034786	.0071977
suprtw1	.0101621	.0016349	6.22	0.000	.0069578	.0133665
suprtw2	-.0044966	.0007652	-5.88	0.000	-.0059963	-.0029969
sufamw1	.0056852	.0016265	3.50	0.000	.0024974	.008873
sufamw3	.0055273	.0009919	5.57	0.000	.0035832	.0074714
suchrw1	-.0124451	.0025561	-4.87	0.000	-.017455	-.0074353
phlthw2	-.0097616	.0022736	-4.29	0.000	-.0142178	-.0053053
phlthw3	-.0075676	.0022197	-3.41	0.001	-.0119181	-.0032172
mhlthw1	.0222948	.0025527	8.73	0.000	.0172917	.0272979
mhlthw2	-.0093915	.0021121	-4.45	0.000	-.0135312	-.0052518
smokw3	-.0051261	.0008439	-6.07	0.000	-.0067801	-.0034721
beerw1	.0962116	.0142246	6.76	0.000	.0683319	.1240913
beerw2	-.0726566	.0262934	-2.76	0.006	-.1241908	-.0211224
beerw3	.1096657	.0163464	6.71	0.000	.0776273	.141704
pillw1	.0433677	.0150511	2.88	0.004	.013868	.0728674
pillw2	.0419662	.0121553	3.45	0.001	.0181423	.06579
pillw3	-.0267105	.0083635	-3.19	0.001	-.0431026	-.0103184
medcow1	-.0484558	.01269	-3.82	0.000	-.0733278	-.0235838
medcow2	.059091	.0060778	9.72	0.000	.0471787	.0710034
hospw1	.0143166	.0026376	5.43	0.000	.009147	.0194863
hospw2	-.0068101	.0024151	-2.82	0.005	-.0115437	-.0020766

icdxcent	.0469902	.0145883	3.22	0.001	.0183978	.0755827
icdxln1	-2.383159	1.034973	-2.30	0.021	-4.411668	-.3546493
icdxln2	1.508467	.4884641	3.09	0.002	.551095	2.465839
icdxln3	-3.494229	.3906773	-8.94	0.000	-4.259942	-2.728515
icdxln9	-1.751242	.5430264	-3.22	0.001	-2.815554	-.6869295
icdxln10	2.17983	.3993841	5.46	0.000	1.397051	2.962608
icdxln11	2.726433	.3877325	7.03	0.000	1.966492	3.486375
icdxln12	1.865445	.7136761	2.61	0.009	.4666656	3.264224
icdxln16	1.129493	.3708978	3.05	0.002	.4025471	1.85644
icdxln21	3.253251	.5767464	5.64	0.000	2.122849	4.383653
icdxln23	-.4642647	.2108992	-2.20	0.028	-.8776195	-.05091
icdxln34	-2.879702	.7752132	-3.71	0.000	-4.399092	-1.360312
icdxln35	-1.226572	.6364679	-1.93	0.054	-2.474026	.0208822
icdxln38	-.4070774	.1325195	-3.07	0.002	-.6668109	-.147344
icdxln45	-2.182291	.7848906	-2.78	0.005	-3.720649	-.6439341
icdxln46	-.9943592	.4176182	-2.38	0.017	-1.812876	-.1758426
icdxln49	-1.349565	.5655073	-2.39	0.017	-2.457939	-.2411915
icdxln50	.9727673	.3216097	3.02	0.002	.3424238	1.603111
icdxln62	1.01088	.3171306	3.19	0.001	.3893153	1.632445
icdxln63	3.619932	.6032801	6.00	0.000	2.437525	4.80234
icdxln67	2.069261	.361317	5.73	0.000	1.361093	2.777429
icdxln70	1.43552	.488627	2.94	0.003	.477829	2.393212
icdxln76	-.8172314	.2250814	-3.63	0.000	-1.258383	-.3760799
icdxln77	3.950929	.5671248	6.97	0.000	2.839385	5.062473
icdxln78	-2.100523	.5550748	-3.78	0.000	-3.18845	-1.012596
icdxln79	3.099291	.3724973	8.32	0.000	2.36921	3.829373
icdxln80	2.936644	.5559909	5.28	0.000	1.846922	4.026366
icdxln81	.7758093	.2355364	3.29	0.001	.3141665	1.237452
icdxln82	.3829912	.1379284	2.78	0.005	.1126565	.653326
icdxln84	2.165234	.3031052	7.14	0.000	1.571158	2.759309
icdxln86	-.8883685	.2657688	-3.34	0.001	-1.409266	-.3674712
icdxln88	1.475356	.4627819	3.19	0.001	.56832	2.382392
icdxln89	-1.207211	.3435888	-3.51	0.000	-1.880633	-.5337893
icdxln90	-.8125091	.2599156	-3.13	0.002	-1.321934	-.3030839
icdxln91	1.353701	.2402318	5.63	0.000	.8828551	1.824546
icdxln92	-1.971221	.6239676	-3.16	0.002	-3.194175	-.7482674
icdxln94	2.14158	.5567053	3.85	0.000	1.050458	3.232702
icdxln96	-.3448282	.1691894	-2.04	0.042	-.6764334	-.013223
icdxln97	-.8657459	.2207047	-3.92	0.000	-1.298319	-.4331726
icdxln98	1.127317	.1623923	6.94	0.000	.8090341	1.4456
icdxln99	.5711993	.3043946	1.88	0.061	-.0254032	1.167802
icdxln100	.535968	.2612332	2.05	0.040	.0239603	1.047976
icdxln101	-2.415743	1.027022	-2.35	0.019	-4.428668	-.4028178
icdxln102	2.361521	.5014683	4.71	0.000	1.378661	3.344381
WHPpain	-.0126423	.0022411	-5.64	0.000	-.0170349	-.0082498
WHPer	-.0079717	.0026363	-3.02	0.002	-.0131387	-.0028048
WHPsleep	.0019298	.001272	1.52	0.129	-.0005633	.004423
WHPsociso	.0073316	.0018455	3.97	0.000	.0037145	.0109487
WHPpa	.011865	.0024893	4.77	0.000	.006986	.016744

HP2hmcare	.1269011	.077285	1.64	0.101	-.0245747	.2783769
HP2sxlife	-.418099	.0816908	-5.12	0.000	-.5782099	-.257988
HP2inthob	.5917914	.0999517	5.92	0.000	.3958896	.7876932
HP2vacatn	-.2719701	.1020711	-2.66	0.008	-.4720259	-.0719144
BSItotal	.0195371	.0041055	4.76	0.000	.0114905	.0275838
BSIoc	-.0532175	.0130503	-4.08	0.000	-.0787956	-.0276393
BSIphanx	-.0823003	.0139311	-5.91	0.000	-.1096046	-.0549959
BSIpar	-.0367822	.0135303	-2.72	0.007	-.0633012	-.0102633
BSIpsyc	.0429497	.0183045	2.35	0.019	.0070735	.078826
MiPTSD	.0058129	.0034881	1.67	0.096	-.0010237	.0126495
maxcumdosew3	.0091717	.0103213	0.89	0.374	-.0110577	.0294012
_cons	-5.903373	.529381	-11.15	0.000	-6.940941	-4.865805

```
68 .      estadd nagelkerke
```

```
added scalar:
```

```
      e(nagelkerke) = .47257909
```

```
69 .      estadd scalar numparms=e(k)
```

```
added scalar:
```

```
      e(numparms) = 192
```

```
70 .      // note that MiPTSD becomes nonsignificant
```

```
71 .      eststo rad_dose
```

```
72 .      //      estadd lrtest PsychHealth ., stats
```

```
73 .      estout *, cells(b(star fmt(%9.3f)) se(par) t(par) p(par)) //
```

```
> /
```

```
>      stats(nagelkerke r2_p ll bic numparms N lrtest_chi2 lrtest_df lrtest_p, /
```

```
> //
```

```
>      fmt(%9.3f %9.3f %9.3f %9.3f %9.0g %9.0g %9.3f %9.0g %9.0g) ///
```

```
>      labels(nagelkerke-R^2 McFadden-R^2 log-likelihood BIC NumParms N LRchi2 LR
```

```
> df LRp)) ///
```

```
>      legend collabels(none) title(Hierarchical logistic regression analysis)
```

```
Hierarchical logistic regression analysis
```

```
> _____
```

```
> _____
```

```

              bothgeo    bothdemsocio          bothfam    bothBigNeg~s
>      support      genHealth    smkgDrnkgP~s          mddx1          mddx2
>      PsychHealth          rad_dose

```

```
> _____
```

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> _____
```

```
outcomec
```

```
>
```

```

>
_Iyear_1981      -0.305      -0.316      -0.320      -0.355
>      -0.316      -0.318      -0.281      -0.246      -0.261
>      -0.262      -0.261
>              (0.262)      (0.266)      (0.268)      (0.282)
>      (0.282)      (0.283)      (0.284)      (0.287)      (0.296)
>      (0.296)      (0.296)
>              (-1.166)      (-1.186)      (-1.194)      (-1.257)
>      (-1.119)      (-1.123)      (-0.989)      (-0.858)      (-0.883)
>      (-0.884)      (-0.884)
>              (0.243)      (0.236)      (0.232)      (0.209)
>      (0.263)      (0.261)      (0.322)      (0.391)      (0.377)
>      (0.377)      (0.377)
_Iyear_1982      -0.094      -0.098      -0.099      -0.109
>      -0.073      -0.074      -0.037      0.000      -0.000
>      -0.000      -0.000
>              (0.251)      (0.255)      (0.257)      (0.270)
>      (0.270)      (0.271)      (0.273)      (0.276)      (0.285)
>      (0.285)      (0.285)
>              (-0.376)      (-0.382)      (-0.385)      (-0.405)
>      (-0.270)      (-0.271)      (-0.136)      (0.000)      (-0.000)
>      (-0.000)      (-0.000)
>              (0.707)      (0.702)      (0.700)      (0.686)
>      (0.787)      (0.786)      (0.891)      (1.000)      (1.000)
>      (1.000)      (1.000)
_Iyear_1983      -0.384      -0.397      -0.402      -0.447
>      -0.406      -0.409      -0.372      -0.338      -0.357
>      -0.358      -0.358
>              (0.266)      (0.271)      (0.272)      (0.287)
>      (0.287)      (0.288)      (0.289)      (0.292)      (0.300)
>      (0.300)      (0.300)
>              (-1.442)      (-1.466)      (-1.476)      (-1.555)
>      (-1.416)      (-1.420)      (-1.287)      (-1.157)      (-1.191)
>      (-1.192)      (-1.192)
>              (0.149)      (0.143)      (0.140)      (0.120)
>      (0.157)      (0.156)      (0.198)      (0.247)      (0.234)
>      (0.233)      (0.233)
_Iyear_1984      -0.231      -0.239      -0.242      -0.268
>      -0.230      -0.232      -0.196      -0.160      -0.215
>      -0.215      -0.215
>              (0.258)      (0.262)      (0.264)      (0.278)
>      (0.278)      (0.279)      (0.280)      (0.283)      (0.294)
>      (0.294)      (0.294)
>              (-0.897)      (-0.912)      (-0.919)      (-0.966)
>      (-0.830)      (-0.832)      (-0.698)      (-0.565)      (-0.732)
>      (-0.733)      (-0.732)
>              (0.370)      (0.362)      (0.358)      (0.334)
>      (0.407)      (0.405)      (0.485)      (0.572)      (0.464)
>      (0.464)      (0.464)

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_1year_1985      -0.031      -0.032      -0.032      -0.036
>      -0.073      -0.074      -0.037      0.000      -0.000
>      -0.000      -0.000
>      (0.248)      (0.252)      (0.254)      (0.267)
>      (0.270)      (0.271)      (0.273)      (0.276)      (0.285)
>      (0.285)      (0.285)
>      (-0.124)      (-0.126)      (-0.127)      (-0.133)
>      (-0.270)      (-0.271)      (-0.136)      (0.000)      (-0.000)
>      (-0.000)      (-0.000)
>      (0.901)      (0.900)      (0.899)      (0.894)
>      (0.787)      (0.786)      (0.891)      (1.000)      (1.000)
>      (1.000)      (1.000)
_1year_1986      1.865***      1.946***      1.982***      2.133***
>      2.162***      2.193***      2.240***      2.317***      2.458*
> **      2.492***      2.490***
>      (0.199)      (0.203)      (0.205)      (0.216)
>      (0.217)      (0.218)      (0.221)      (0.225)      (0.234)
>      (0.234)      (0.234)
>      (9.357)      (9.568)      (9.662)      (9.892)
>      (9.953)      (10.040)      (10.131)      (10.314)      (10.515)
>      (10.637)      (10.635)
>      (0.000)      (0.000)      (0.000)      (0.000)      (0.000)
>      (0.000)      (0.000)      (0.000)      (0.000)      (0.000)
>      (0.000)      (0.000)
_1year_1987      1.483***      1.542***      1.568***      1.689***
>      1.713***      1.736***      1.758***      1.825***      1.940*
> **      1.954***      1.953***
>      (0.204)      (0.208)      (0.210)      (0.220)
>      (0.222)      (0.223)      (0.226)      (0.230)      (0.239)
>      (0.240)      (0.240)
>      (7.252)      (7.397)      (7.460)      (7.663)
>      (7.713)      (7.772)      (7.776)      (7.948)      (8.116)
>      (8.152)      (8.152)
>      (0.000)      (0.000)      (0.000)      (0.000)      (0.000)
>      (0.000)      (0.000)      (0.000)      (0.000)      (0.000)
>      (0.000)      (0.000)
_1year_1988      1.538***      1.600***      1.615***      1.741***
>      1.766***      1.789***      1.814***      1.881***      1.971*
> **      1.986***      1.985***
>      (0.204)      (0.208)      (0.209)      (0.220)
>      (0.221)      (0.223)      (0.225)      (0.229)      (0.239)
>      (0.239)      (0.239)
>      (7.554)      (7.707)      (7.712)      (7.924)
>      (7.976)      (8.038)      (8.045)      (8.218)      (8.261)
>      (8.299)      (8.298)
>      (0.000)      (0.000)      (0.000)      (0.000)      (0.000)
>      (0.000)      (0.000)      (0.000)      (0.000)      (0.000)
>      (0.000)      (0.000)
_1year_1989      1.355***      1.407***      1.417***      1.510***

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>      1.532***      1.551***      1.584***      1.631***      1.689*
> **      1.700***      1.699***
>          (0.207)          (0.211)          (0.212)          (0.223)
>      (0.225)      (0.226)      (0.228)      (0.232)      (0.242)
>          (0.243)          (0.243)
>          (6.557)      (6.683)      (6.670)      (6.773)
>      (6.819)      (6.868)      (6.932)      (7.026)      (6.968)
>          (6.995)          (6.994)
>          (0.000)      (0.000)      (0.000)      (0.000)      (0.000)
>      (0.000)      (0.000)      (0.000)      (0.000)      (0.000)
>          (0.000)          (0.000)
_Iyear_1990      1.437***      1.494***      1.506***      1.622***
>      1.645***      1.666***      1.716***      1.767***      1.842*
> **      1.855***      1.854***
>          (0.205)          (0.209)          (0.211)          (0.221)
>      (0.223)      (0.224)      (0.227)      (0.230)      (0.240)
>          (0.241)          (0.241)
>          (7.005)      (7.142)      (7.138)      (7.329)
>      (7.377)      (7.433)      (7.571)      (7.671)      (7.669)
>          (7.702)          (7.701)
>          (0.000)      (0.000)      (0.000)      (0.000)      (0.000)
>      (0.000)      (0.000)      (0.000)      (0.000)      (0.000)
>          (0.000)          (0.000)
_Iyear_1991      1.280***      1.329***      1.337***      1.452***
>      1.473***      1.491***      1.523***      1.584***      1.635*
> **      1.646***      1.645***
>          (0.208)          (0.212)          (0.214)          (0.224)
>      (0.226)      (0.227)      (0.229)      (0.233)      (0.243)
>          (0.244)          (0.244)
>          (6.156)      (6.273)      (6.253)      (6.485)
>      (6.529)      (6.575)      (6.637)      (6.803)      (6.725)
>          (6.750)          (6.750)
>          (0.000)      (0.000)      (0.000)      (0.000)      (0.000)
>      (0.000)      (0.000)      (0.000)      (0.000)      (0.000)
>          (0.000)          (0.000)
_Iyear_1992      1.472***      1.530***      1.543***      1.676***
>      1.700***      1.722***      1.758***      1.811***      1.924*
> **      1.937***      1.937***
>          (0.205)          (0.209)          (0.210)          (0.221)
>      (0.222)      (0.223)      (0.226)      (0.230)      (0.239)
>          (0.240)          (0.240)
>          (7.191)      (7.334)      (7.332)      (7.597)
>      (7.647)      (7.705)      (7.776)      (7.879)      (8.042)
>          (8.078)          (8.078)
>          (0.000)      (0.000)      (0.000)      (0.000)      (0.000)
>      (0.000)      (0.000)      (0.000)      (0.000)      (0.000)
>          (0.000)          (0.000)
_Iyear_1993      1.449***      1.506***      1.519***      1.649***
>      1.673***      1.694***      1.716***      1.782***      1.908*

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> **      1.921***      1.920***
              (0.205)      (0.209)      (0.211)      (0.221)
>      (0.223)      (0.224)      (0.227)      (0.230)      (0.239)
>      (0.240)      (0.240)
              (7.067)      (7.206)      (7.203)      (7.463)
>      (7.513)      (7.570)      (7.571)      (7.741)      (7.968)
>      (8.004)      (8.003)
              (0.000)      (0.000)      (0.000)      (0.000)
>      (0.000)      (0.000)      (0.000)      (0.000)      (0.000)
>      (0.000)      (0.000)
_Iyear_1994      1.560***      1.623***      1.639***      1.780***
>      1.805***      1.829***      1.868***      1.936***      2.064*
> **      2.079***      2.078***
              (0.203)      (0.207)      (0.209)      (0.219)
>      (0.221)      (0.222)      (0.225)      (0.228)      (0.238)
>      (0.238)      (0.238)
              (7.672)      (7.828)      (7.836)      (8.116)
>      (8.169)      (8.233)      (8.309)      (8.483)      (8.688)
>      (8.730)      (8.729)
              (0.000)      (0.000)      (0.000)      (0.000)
>      (0.000)      (0.000)      (0.000)      (0.000)      (0.000)
>      (0.000)      (0.000)
_Iyear_1995      1.505***      1.565***      1.580***      1.715***
>      1.740***      1.763***      1.800***      1.867***      1.971*
> **      1.986***      1.985***
              (0.204)      (0.208)      (0.210)      (0.220)
>      (0.222)      (0.223)      (0.226)      (0.229)      (0.239)
>      (0.239)      (0.239)
              (7.374)      (7.522)      (7.524)      (7.794)
>      (7.845)      (7.906)      (7.979)      (8.151)      (8.261)
>      (8.299)      (8.298)
              (0.000)      (0.000)      (0.000)      (0.000)
>      (0.000)      (0.000)      (0.000)      (0.000)      (0.000)
>      (0.000)      (0.000)
_Iyear_1996      1.724***      1.796***      1.817***      1.974***
>      2.002***      2.030***      2.085***      2.158***      2.323*
> **      2.342***      2.341***
              (0.201)      (0.205)      (0.207)      (0.217)
>      (0.219)      (0.220)      (0.222)      (0.226)      (0.235)
>      (0.236)      (0.235)
              (8.574)      (8.758)      (8.783)      (9.093)
>      (9.151)      (9.227)      (9.372)      (9.551)      (9.890)
>      (9.944)      (9.942)
              (0.000)      (0.000)      (0.000)      (0.000)
>      (0.000)      (0.000)      (0.000)      (0.000)      (0.000)
>      (0.000)      (0.000)
_Iyear_1997      1.549***      1.611***      1.627***      1.754***
>      1.779***      1.803***      1.854***      1.923***      2.049*
> **      2.079***      2.078***

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> (0.221) (0.203) (0.207) (0.209) (0.220)
> (0.238) (0.222) (0.225) (0.228) (0.238)
> (0.238) (0.238)
> (7.613) (7.768) (7.774) (7.988)
> (8.040) (8.103) (8.243) (8.417) (8.618)
> (8.730) (8.729)
> (0.000) (0.000) (0.000) (0.000) (0.000)
> (0.000) (0.000) (0.000) (0.000) (0.000)
> (0.000) (0.000)
_Iyear_1998 1.772*** 1.847*** 1.870*** 2.032***
> 2.037*** 2.065*** 2.121*** 2.196*** 2.337*
> ** 2.356*** 2.355***
> (0.200) (0.204) (0.206) (0.217)
> (0.218) (0.220) (0.222) (0.226) (0.235)
> (0.235) (0.235)
> (8.841) (9.034) (9.065) (9.384)
> (9.327) (9.405) (9.551) (9.731) (9.954)
> (10.009) (10.007)
> (0.000) (0.000) (0.000) (0.000) (0.000)
> (0.000) (0.000) (0.000) (0.000) (0.000)
> (0.000) (0.000)
_Iyear_1999 1.810*** 1.887*** 1.912*** 2.055***
> 2.083*** 2.113*** 2.157*** 2.232*** 2.378*
> ** 2.411*** 2.410***
> (0.200) (0.204) (0.206) (0.216)
> (0.218) (0.219) (0.222) (0.225) (0.234)
> (0.235) (0.235)
> (9.051) (9.250) (9.285) (9.499)
> (9.558) (9.640) (9.727) (9.908) (10.144)
> (10.263) (10.261)
> (0.000) (0.000) (0.000) (0.000) (0.000)
> (0.000) (0.000) (0.000) (0.000) (0.000)
> (0.000) (0.000)
_Iyear_2000 1.928*** 2.013*** 2.041*** 2.208***
> 2.239*** 2.272*** 2.320*** 2.398*** 2.574*
> ** 2.597*** 2.595***
> (0.199) (0.203) (0.205) (0.215)
> (0.217) (0.218) (0.220) (0.224) (0.233)
> (0.233) (0.233)
> (9.705) (9.928) (9.977) (10.275)
> (10.337) (10.429) (10.524) (10.709) (11.055)
> (11.121) (11.118)
> (0.000) (0.000) (0.000) (0.000) (0.000)
> (0.000) (0.000) (0.000) (0.000) (0.000)
> (0.000) (0.000)
_Iyear_2001 1.838*** 1.917*** 1.942*** 2.111***
> 2.106*** 2.136*** 2.181*** 2.245*** 2.378*
> ** 2.398*** 2.396***
> (0.200) (0.204) (0.206) (0.216)

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>      (0.218)      (0.219)      (0.222)      (0.225)      (0.234)
>      (0.235)      (0.235)
>      (9.205)      (9.410)      (9.448)      (9.781)
>      (9.672)      (9.755)      (9.844)      (9.967)      (10.144)
>      (10.200)      (10.198)
>      (0.000)      (0.000)      (0.000)      (0.000)      (0.000)
>      (0.000)      (0.000)      (0.000)      (0.000)      (0.000)
>      (0.000)      (0.000)
_Iyear_2002      1.800***      1.877***      1.901***      2.055***
>      2.072***      2.101***      2.145***      2.208***      2.364*
> **      2.398***      2.396***
>      (0.200)      (0.204)      (0.206)      (0.216)
>      (0.218)      (0.219)      (0.222)      (0.226)      (0.235)
>      (0.235)      (0.235)
>      (8.999)      (9.196)      (9.230)      (9.499)
>      (9.500)      (9.581)      (9.669)      (9.790)      (10.081)
>      (10.200)      (10.198)
>      (0.000)      (0.000)      (0.000)      (0.000)      (0.000)
>      (0.000)      (0.000)      (0.000)      (0.000)      (0.000)
>      (0.000)      (0.000)
_Iyear_2003      1.810***      1.887***      1.912***      2.077***
>      2.106***      2.136***      2.181***      2.245***      2.405*
> **      2.425***      2.423***
>      (0.200)      (0.204)      (0.206)      (0.216)
>      (0.218)      (0.219)      (0.222)      (0.225)      (0.234)
>      (0.235)      (0.235)
>      (9.051)      (9.250)      (9.285)      (9.612)
>      (9.672)      (9.755)      (9.844)      (9.967)      (10.269)
>      (10.326)      (10.324)
>      (0.000)      (0.000)      (0.000)      (0.000)      (0.000)
>      (0.000)      (0.000)      (0.000)      (0.000)      (0.000)
>      (0.000)      (0.000)
_Iyear_2004      1.819***      1.897***      1.922***      2.077***
>      2.106***      2.136***      2.181***      2.257***      2.405*
> **      2.438***      2.437***
>      (0.200)      (0.204)      (0.206)      (0.216)
>      (0.218)      (0.219)      (0.222)      (0.225)      (0.234)
>      (0.235)      (0.235)
>      (9.102)      (9.304)      (9.340)      (9.612)
>      (9.672)      (9.755)      (9.844)      (10.025)      (10.269)
>      (10.389)      (10.387)
>      (0.000)      (0.000)      (0.000)      (0.000)      (0.000)
>      (0.000)      (0.000)      (0.000)      (0.000)      (0.000)
>      (0.000)      (0.000)
_Iyear_2005      1.937***      2.022***      2.051***      2.219***
>      2.239***      2.272***      2.320***      2.398***      2.561*
> **      2.597***      2.595***
>      (0.199)      (0.203)      (0.205)      (0.215)
>      (0.217)      (0.218)      (0.220)      (0.224)      (0.233)

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>          (0.233)          (0.233)
>                (9.754)          (9.979)          (10.028)          (10.329)
> (10.337)          (10.429)          (10.524)          (10.709)          (10.996)
>          (11.121)          (11.118)
>                (0.000)          (0.000)          (0.000)          (0.000)
> (0.000)          (0.000)          (0.000)          (0.000)          (0.000)
> (0.000)          (0.000)
_Iyear_2006          2.023***          2.114***          2.146***          2.334***
>          2.356***          2.391***          2.431***          2.500***          2.686*
> **          2.710***          2.708***
>                (0.198)          (0.202)          (0.204)          (0.214)
> (0.216)          (0.217)          (0.220)          (0.223)          (0.232)
>          (0.233)          (0.233)
>                (10.231)          (10.475)          (10.535)          (10.907)
> (10.921)          (11.021)          (11.068)          (11.201)          (11.576)
>          (11.648)          (11.644)
>                (0.000)          (0.000)          (0.000)          (0.000)
> (0.000)          (0.000)          (0.000)          (0.000)          (0.000)
> (0.000)          (0.000)
_Iyear_2007          2.129***          2.228***          2.264***          2.454***
>          2.478***          2.516***          2.569***          2.653***          2.842*
> **          2.881***          2.878***
>                (0.197)          (0.201)          (0.203)          (0.213)
> (0.215)          (0.216)          (0.219)          (0.222)          (0.231)
>          (0.232)          (0.232)
>                (10.824)          (11.093)          (11.166)          (11.514)
> (11.533)          (11.642)          (11.747)          (11.937)          (12.299)
>          (12.434)          (12.429)
>                (0.000)          (0.000)          (0.000)          (0.000)
> (0.000)          (0.000)          (0.000)          (0.000)          (0.000)
> (0.000)          (0.000)
_Iyear_2008          2.424***          2.546***          2.592***          2.819***
>          2.849***          2.894***          2.947***          3.030***          3.267*
> **          3.310***          3.306***
>                (0.195)          (0.199)          (0.201)          (0.211)
> (0.213)          (0.214)          (0.217)          (0.220)          (0.229)
>          (0.230)          (0.230)
>                (12.458)          (12.802)          (12.915)          (13.344)
> (13.377)          (13.513)          (13.588)          (13.741)          (14.249)
>          (14.401)          (14.393)
>                (0.000)          (0.000)          (0.000)          (0.000)
> (0.000)          (0.000)          (0.000)          (0.000)          (0.000)
> (0.000)          (0.000)
_Iyear_2009          2.495***          2.622***          2.664***          2.898***
>          2.921***          2.968***          3.013***          3.097***          3.277*
> **          3.321***          3.317***
>                (0.194)          (0.198)          (0.200)          (0.211)
> (0.213)          (0.214)          (0.217)          (0.220)          (0.229)
>          (0.230)          (0.230)

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> (13.733) (12.848) (13.212) (13.293) (13.741)
> (14.451) (13.874) (13.908) (14.063) (14.298)
> (0.000) (0.000) (0.000) (0.000) (0.000)
> (0.000) (0.000) (0.000) (0.000) (0.000)
> (0.000) (0.000)
_1year_2010 2.248*** 2.396*** 2.428*** 2.574***
> 2.648*** 2.701*** 2.743*** 2.827*** 3.010*
> ** 3.033*** 3.029***
> (0.207) (0.211) (0.214) (0.224)
> (0.226) (0.227) (0.230) (0.234) (0.243)
> (0.244) (0.243)
> (10.875) (11.334) (11.369) (11.472)
> (11.713) (11.875) (11.904) (12.090) (12.397)
> (12.451) (12.439)
> (0.000) (0.000) (0.000) (0.000) (0.000)
> (0.000) (0.000) (0.000) (0.000) (0.000)
> (0.000) (0.000)
ranown2 3.231*** 2.742*** 2.598*** 1.713***
> 1.052** 1.095** 0.932* 1.124** 1.200*
> * 0.489 0.570
> (0.326) (0.339) (0.338) (0.379)
> (0.377) (0.384) (0.389) (0.415) (0.411)
> (0.425) (0.425)
> (9.907) (8.086) (7.695) (4.525)
> (2.789) (2.856) (2.397) (2.708) (2.918)
> (1.151) (1.340)
> (0.000) (0.000) (0.000) (0.000) (0.000)
> (0.005) (0.004) (0.017) (0.007) (0.004)
> (0.250) (0.180)
ranown3 0.871** 0.243 0.285 0.910**
> 1.048** 1.066** 1.069** 1.927*** 2.085*
> ** 1.518*** 1.190**
> (0.281) (0.292) (0.298) (0.325)
> (0.330) (0.333) (0.337) (0.396) (0.387)
> (0.415) (0.399)
> (3.097) (0.832) (0.957) (2.799)
> (3.180) (3.204) (3.173) (4.864) (5.390)
> (3.656) (2.986)
> (0.002) (0.405) (0.339) (0.005)
> (0.001) (0.001) (0.002) (0.000) (0.000)
> (0.000) (0.003)
ranown4 2.847*** 3.400*** 3.600*** 3.258***
> 2.444*** 2.592*** 2.504*** 2.810*** 2.678*
> ** 2.363*** 2.358***
> (0.242) (0.278) (0.287) (0.339)
> (0.321) (0.324) (0.329) (0.352) (0.365)
> (0.375) (0.374)
> (11.769) (12.213) (12.549) (9.621)

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>      (7.605)      (7.988)      (7.604)      (7.972)      (7.339)
>      (6.296)      (6.307)
>      (0.000)      (0.000)      (0.000)      (0.000)      (0.000)
>      (0.000)      (0.000)      (0.000)      (0.000)      (0.000)
>      (0.000)      (0.000)
ranown5      -0.471*      -0.532*      -0.612**      0.054
>      -0.029      0.200      -0.028      0.298      0.189
>      -0.260      -0.281
>      (0.221)      (0.233)      (0.236)      (0.273)
>      (0.281)      (0.284)      (0.293)      (0.330)      (0.321)
>      (0.344)      (0.343)
>      (-2.134)      (-2.285)      (-2.592)      (0.198)
>      (-0.103)      (0.703)      (-0.095)      (0.902)      (0.588)
>      (-0.755)      (-0.819)
>      (0.033)      (0.022)      (0.010)      (0.843)
>      (0.918)      (0.482)      (0.924)      (0.367)      (0.557)
>      (0.450)      (0.413)
ranown6      -1.860**      -1.079      -1.131      0.077
>      0.553      0.470      0.503      1.041      0.423
>      0.219      0.196
>      (0.615)      (0.621)      (0.623)      (0.644)
>      (0.645)      (0.644)      (0.648)      (0.666)      (1.061)
>      (1.065)      (1.066)
>      (-3.022)      (-1.737)      (-1.814)      (0.120)
>      (0.857)      (0.729)      (0.777)      (1.562)      (0.399)
>      (0.205)      (0.184)
>      (0.003)      (0.082)      (0.070)      (0.904)
>      (0.391)      (0.466)      (0.437)      (0.118)      (0.690)
>      (0.837)      (0.854)
ranown7      -0.266      -0.525      -0.684      0.301
>      -0.513      0.002      -0.508      -0.608      -0.790
>      -1.627**      -1.563**
>      (0.361)      (0.377)      (0.383)      (0.433)
>      (0.506)      (0.512)      (0.523)      (0.551)      (0.553)
>      (0.578)      (0.576)
>      (-0.738)      (-1.391)      (-1.788)      (0.695)
>      (-1.013)      (0.003)      (-0.971)      (-1.105)      (-1.427)
>      (-2.816)      (-2.714)
>      (0.460)      (0.164)      (0.074)      (0.487)
>      (0.311)      (0.997)      (0.332)      (0.269)      (0.154)
>      (0.005)      (0.007)
ranown8      -0.924***      -0.763**      -0.846**      -0.443
>      -0.502      -0.169      -0.221      0.140      -0.482
>      -1.164**      -1.190**
>      (0.268)      (0.276)      (0.277)      (0.314)
>      (0.322)      (0.322)      (0.327)      (0.359)      (0.360)
>      (0.378)      (0.373)
>      (-3.443)      (-2.766)      (-3.056)      (-1.411)
>      (-1.558)      (-0.524)      (-0.676)      (0.392)      (-1.338)

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>          (-3.080)          (-3.190)
>              (0.001)          (0.006)          (0.002)          (0.158)
>          (0.119)          (0.600)          (0.499)          (0.695)          (0.181)
>          (0.002)          (0.001)
ranown9          -0.591*          -0.833**          -0.852**          -0.029
>          -0.234          -0.013          -0.232          -0.269          -0.864*
>          -1.487***          -1.464***
>              (0.253)          (0.264)          (0.269)          (0.301)
>          (0.317)          (0.320)          (0.335)          (0.393)          (0.397)
>          (0.417)          (0.414)
>              (-2.331)          (-3.160)          (-3.167)          (-0.097)
>          (-0.739)          (-0.042)          (-0.692)          (-0.684)          (-2.174)
>          (-3.567)          (-3.533)
>              (0.020)          (0.002)          (0.002)          (0.922)
>          (0.460)          (0.966)          (0.489)          (0.494)          (0.030)
>          (0.000)          (0.000)
ranown10          3.055***          2.384***          2.215***          2.156***
>          2.045***          1.274**          1.262**          1.754***          1.302*
> *          1.453**          1.482**
>              (0.368)          (0.379)          (0.382)          (0.412)
>          (0.437)          (0.432)          (0.436)          (0.453)          (0.455)
>          (0.492)          (0.498)
>              (8.298)          (6.292)          (5.799)          (5.232)
>          (4.683)          (2.949)          (2.896)          (3.874)          (2.859)
>          (2.953)          (2.976)
>              (0.000)          (0.000)          (0.000)          (0.000)
>          (0.000)          (0.003)          (0.004)          (0.000)          (0.004)
>          (0.003)          (0.003)
ranown11          1.782***          1.822***          1.889***          1.717***
>          1.688***          1.730***          1.562***          1.938***          3.405*
> **          3.409***          3.352***
>              (0.325)          (0.333)          (0.336)          (0.372)
>          (0.378)          (0.382)          (0.377)          (0.397)          (0.511)
>          (0.515)          (0.519)
>              (5.477)          (5.474)          (5.621)          (4.616)
>          (4.469)          (4.524)          (4.147)          (4.883)          (6.662)
>          (6.613)          (6.466)
>              (0.000)          (0.000)          (0.000)          (0.000)
>          (0.000)          (0.000)          (0.000)          (0.000)          (0.000)
>          (0.000)          (0.000)
ranown12          1.302**          2.143***          1.758***          1.501**
>          1.604**          4.099***          3.771***          4.411***          4.165*
> **          3.497***          3.502***
>              (0.431)          (0.449)          (0.453)          (0.502)
>          (0.508)          (0.546)          (0.562)          (0.574)          (0.578)
>          (0.595)          (0.593)
>              (3.022)          (4.775)          (3.880)          (2.992)
>          (3.159)          (7.506)          (6.710)          (7.678)          (7.211)
>          (5.881)          (5.901)

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> (0.002) (0.003) (0.000) (0.000) (0.003)
> (0.000) (0.000) (0.000) (0.000) (0.000)
ranown13 2.765*** 2.318*** 2.361*** 1.591***
> 1.269*** 1.648*** 1.515*** 2.041*** 2.634*
> ** 1.987*** 2.034***
> (0.305) (0.317) (0.325) (0.359)
> (0.368) (0.373) (0.371) (0.410) (0.566)
> (0.585) (0.584)
> (9.064) (7.302) (7.260) (4.426)
> (3.451) (4.413) (4.087) (4.974) (4.657)
> (3.394) (3.479)
> (0.000) (0.000) (0.000) (0.000) (0.000)
> (0.001) (0.000) (0.000) (0.000) (0.000)
> (0.001) (0.001)
ranown14 1.912*** 1.721*** 1.018* -0.939
> -0.324 0.007 0.071 0.878 -0.544
> -0.272 -0.370
> (0.430) (0.451) (0.464) (0.502)
> (0.504) (0.505) (0.509) (0.538) (0.558)
> (0.571) (0.570)
> (4.446) (3.817) (2.192) (-1.871)
> (-0.642) (0.013) (0.139) (1.633) (-0.975)
> (-0.477) (-0.650)
> (0.000) (0.000) (0.028) (0.061)
> (0.521) (0.989) (0.889) (0.102) (0.329)
> (0.634) (0.516)
ranown15 -1.187*** -0.803* -0.909* -0.088
> -0.056 0.055 0.117 0.530 -0.107
> -0.097 -0.147
> (0.359) (0.365) (0.369) (0.394)
> (0.403) (0.398) (0.406) (0.432) (0.428)
> (0.438) (0.436)
> (-3.304) (-2.199) (-2.462) (-0.224)
> (-0.139) (0.139) (0.287) (1.226) (-0.250)
> (-0.221) (-0.336)
> (0.001) (0.028) (0.014) (0.823)
> (0.890) (0.889) (0.774) (0.220) (0.803)
> (0.825) (0.737)
ranown16 -0.534* -0.356 -0.428 0.145
> 0.319 0.130 0.194 0.567 -0.146
> -0.403 -0.466
> (0.220) (0.229) (0.232) (0.275)
> (0.281) (0.282) (0.291) (0.323) (0.310)
> (0.327) (0.330)
> (-2.432) (-1.551) (-1.843) (0.527)
> (1.135) (0.462) (0.668) (1.758) (-0.470)
> (-1.231) (-1.410)
> (0.015) (0.121) (0.065) (0.598)

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>      (0.257)      (0.644)      (0.504)      (0.079)      (0.638)
>      (0.218)      (0.158)
ranown17      -0.947*      -1.409**      -1.258**      -0.708
>      -1.072*      -0.995*      -0.673      -0.059      -0.025
>      -0.306      -0.382
>      (0.434)      (0.445)      (0.450)      (0.488)
>      (0.496)      (0.505)      (0.505)      (0.525)      (0.509)
>      (0.515)      (0.521)
>      (-2.181)      (-3.165)      (-2.796)      (-1.451)
>      (-2.160)      (-1.973)      (-1.333)      (-0.112)      (-0.050)
>      (-0.593)      (-0.734)
>      (0.029)      (0.002)      (0.005)      (0.147)
>      (0.031)      (0.049)      (0.183)      (0.911)      (0.961)
>      (0.553)      (0.463)
ranown18      0.442      0.060      -0.316      -0.552
>      -0.549      -0.088      -0.089      0.396      -0.201
>      -0.439      -0.572
>      (0.251)      (0.263)      (0.275)      (0.343)
>      (0.346)      (0.351)      (0.351)      (0.375)      (0.393)
>      (0.407)      (0.453)
>      (1.760)      (0.229)      (-1.148)      (-1.608)
>      (-1.589)      (-0.250)      (-0.253)      (1.055)      (-0.511)
>      (-1.079)      (-1.262)
>      (0.078)      (0.819)      (0.251)      (0.108)
>      (0.112)      (0.803)      (0.800)      (0.292)      (0.609)
>      (0.280)      (0.207)
ranown19      2.345***      1.387***      1.354***      0.528
>      0.773*      0.883*      0.734*      1.024**      1.037*
> *      0.655      0.802*
>      (0.269)      (0.284)      (0.291)      (0.331)
>      (0.353)      (0.349)      (0.354)      (0.377)      (0.372)
>      (0.395)      (0.392)
>      (8.704)      (4.878)      (4.661)      (1.595)
>      (2.192)      (2.527)      (2.074)      (2.714)      (2.788)
>      (1.660)      (2.045)
>      (0.000)      (0.000)      (0.000)      (0.111)
>      (0.028)      (0.011)      (0.038)      (0.007)      (0.005)
>      (0.097)      (0.041)
ranown20      0.418*      0.193      0.093      0.160
>      -0.003      -0.330      -0.399      0.210      0.268
>      -0.018      -0.155
>      (0.201)      (0.212)      (0.218)      (0.256)
>      (0.263)      (0.264)      (0.269)      (0.301)      (0.296)
>      (0.323)      (0.323)
>      (2.083)      (0.910)      (0.427)      (0.625)
>      (-0.010)      (-1.251)      (-1.486)      (0.697)      (0.904)
>      (-0.055)      (-0.480)
>      (0.037)      (0.363)      (0.669)      (0.532)
>      (0.992)      (0.211)      (0.137)      (0.486)      (0.366)

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>          (0.956)          (0.631)
ranown21      -0.056          0.108          0.084          0.622**
>          0.643**          0.613**          0.528*          0.818**          0.512*
>          0.048          0.017
>          (0.177)          (0.184)          (0.186)          (0.226)
>          (0.234)          (0.233)          (0.240)          (0.278)          (0.261)
>          (0.281)          (0.278)
>          (-0.319)          (0.585)          (0.450)          (2.751)
>          (2.747)          (2.634)          (2.202)          (2.941)          (1.961)
>          (0.170)          (0.060)
>          (0.750)          (0.558)          (0.652)          (0.006)
>          (0.006)          (0.008)          (0.028)          (0.003)          (0.050)
>          (0.865)          (0.952)
ranown22      2.858***          2.307***          2.020***          2.046***
>          3.076***          3.190***          3.167***          3.308***          2.765*
> **          2.227***          2.282***
>          (0.357)          (0.369)          (0.486)          (0.527)
>          (0.526)          (0.531)          (0.535)          (0.547)          (0.545)
>          (0.555)          (0.553)
>          (8.000)          (6.244)          (4.156)          (3.880)
>          (5.854)          (6.009)          (5.916)          (6.050)          (5.076)
>          (4.012)          (4.125)
>          (0.000)          (0.000)          (0.000)          (0.000)          (0.000)
>          (0.000)          (0.000)          (0.000)          (0.000)          (0.000)
>          (0.000)          (0.000)
ranown23      0.550          0.685          1.249**          0.540
>          0.038          0.057          -0.162          0.393          1.329*
>          1.344*          1.264*
>          (0.348)          (0.397)          (0.414)          (0.441)
>          (0.400)          (0.401)          (0.404)          (0.434)          (0.566)
>          (0.597)          (0.600)
>          (1.579)          (1.726)          (3.017)          (1.225)
>          (0.095)          (0.143)          (-0.400)          (0.905)          (2.348)
>          (2.252)          (2.108)
>          (0.114)          (0.084)          (0.003)          (0.220)
>          (0.924)          (0.887)          (0.689)          (0.366)          (0.019)
>          (0.024)          (0.035)
ranown24      0.123          -0.745*          -1.056**          -0.327
>          -0.325          0.138          -0.140          -0.136          -0.096
>          -0.202          -0.158
>          (0.326)          (0.337)          (0.342)          (0.371)
>          (0.381)          (0.384)          (0.390)          (0.415)          (0.429)
>          (0.475)          (0.473)
>          (0.378)          (-2.213)          (-3.090)          (-0.881)
>          (-0.852)          (0.359)          (-0.360)          (-0.328)          (-0.222)
>          (-0.425)          (-0.335)
>          (0.705)          (0.027)          (0.002)          (0.378)
>          (0.394)          (0.719)          (0.719)          (0.743)          (0.824)
>          (0.671)          (0.738)

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ranown25      2.598***      2.044***      1.985***      0.524
>      0.146      -0.041      -0.165      0.185      0.082
>      -0.448      -0.441
              (0.275)      (0.287)      (0.287)      (0.329)
>      (0.340)      (0.341)      (0.346)      (0.367)      (0.372)
>      (0.385)      (0.385)
              (9.440)      (7.133)      (6.927)      (1.591)
>      (0.431)      (-0.121)      (-0.478)      (0.504)      (0.220)
>      (-1.162)      (-1.147)
              (0.000)      (0.000)      (0.000)      (0.111)
>      (0.666)      (0.904)      (0.633)      (0.614)      (0.826)
>      (0.245)      (0.251)
ranown27      0.538      -0.287      0.462      -0.421
>      -0.680      0.124      0.060      0.782      0.205
>      0.162      0.031
              (0.460)      (0.470)      (0.529)      (0.554)
>      (0.552)      (0.566)      (0.574)      (0.586)      (0.593)
>      (0.612)      (0.655)
              (1.167)      (-0.610)      (0.873)      (-0.759)
>      (-1.232)      (0.218)      (0.105)      (1.335)      (0.345)
>      (0.265)      (0.047)
              (0.243)      (0.542)      (0.382)      (0.448)
>      (0.218)      (0.827)      (0.917)      (0.182)      (0.730)
>      (0.791)      (0.962)
ranown28      0.813***      0.649**      0.878***      0.034
>      0.056      0.406      0.493      1.043**      0.828*
>      0.977**      0.943**
              (0.228)      (0.240)      (0.242)      (0.285)
>      (0.289)      (0.291)      (0.297)      (0.331)      (0.324)
>      (0.341)      (0.340)
              (3.573)      (2.700)      (3.622)      (0.118)
>      (0.193)      (1.396)      (1.662)      (3.148)      (2.557)
>      (2.865)      (2.777)
              (0.000)      (0.007)      (0.000)      (0.906)
>      (0.847)      (0.163)      (0.096)      (0.002)      (0.011)
>      (0.004)      (0.005)
ranown29      -2.223***      -1.803***      -1.906***      -0.763
>      -0.754      -0.708      -0.570      0.035      -0.269
>      -0.900      -1.021
              (0.487)      (0.492)      (0.494)      (0.511)
>      (0.517)      (0.518)      (0.524)      (0.545)      (0.536)
>      (0.551)      (0.550)
              (-4.567)      (-3.663)      (-3.859)      (-1.494)
>      (-1.460)      (-1.368)      (-1.087)      (0.063)      (-0.501)
>      (-1.635)      (-1.857)
              (0.000)      (0.000)      (0.000)      (0.135)
>      (0.144)      (0.171)      (0.277)      (0.949)      (0.616)
>      (0.102)      (0.063)
ranown30      0.901**      0.914**      0.944**      -0.488

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>      -0.764      -0.150      -0.512      0.159      0.232
>      -0.185      -0.213
>              (0.334)      (0.340)      (0.341)      (0.398)
>      (0.401)      (0.396)      (0.405)      (0.427)      (0.432)
>      (0.450)      (0.450)
>              (2.700)      (2.689)      (2.765)      (-1.224)
>      (-1.907)      (-0.380)      (-1.266)      (0.373)      (0.537)
>      (-0.412)      (-0.473)
>              (0.007)      (0.007)      (0.006)      (0.221)
>      (0.057)      (0.704)      (0.206)      (0.709)      (0.592)
>      (0.680)      (0.636)
ranown31      0.747*      0.803**      1.194***      0.922**
>      0.755*      1.084**      0.170      0.654      0.491
>      -0.152      -0.175
>              (0.310)      (0.309)      (0.320)      (0.348)
>      (0.357)      (0.362)      (0.421)      (0.447)      (0.427)
>      (0.435)      (0.435)
>              (2.410)      (2.598)      (3.726)      (2.652)
>      (2.115)      (2.995)      (0.404)      (1.461)      (1.152)
>      (-0.349)      (-0.403)
>              (0.016)      (0.009)      (0.000)      (0.008)
>      (0.034)      (0.003)      (0.686)      (0.144)      (0.249)
>      (0.727)      (0.687)
ranown32      -2.071***      -2.326***      -2.640***      -1.790**
>      -1.353*      -1.495**      -1.325*      -0.782      -1.445*
>      -1.612**      -1.673**
>              (0.538)      (0.547)      (0.552)      (0.579)
>      (0.577)      (0.572)      (0.574)      (0.591)      (0.593)
>      (0.605)      (0.605)
>              (-3.850)      (-4.255)      (-4.785)      (-3.094)
>      (-2.344)      (-2.615)      (-2.306)      (-1.324)      (-2.436)
>      (-2.666)      (-2.766)
>              (0.000)      (0.000)      (0.000)      (0.002)
>      (0.019)      (0.009)      (0.021)      (0.186)      (0.015)
>      (0.008)      (0.006)
ranown33      0.005      -0.207      -0.461      0.352
>      0.570      1.116**      0.897*      0.604      -0.131
>      -1.019*      -1.073*
>              (0.341)      (0.332)      (0.335)      (0.369)
>      (0.373)      (0.377)      (0.388)      (0.433)      (0.467)
>      (0.498)      (0.511)
>              (0.013)      (-0.625)      (-1.375)      (0.953)
>      (1.530)      (2.960)      (2.312)      (1.394)      (-0.281)
>      (-2.048)      (-2.101)
>              (0.989)      (0.532)      (0.169)      (0.341)
>      (0.126)      (0.003)      (0.021)      (0.163)      (0.779)
>      (0.041)      (0.036)
ranown34      3.073***      2.738***      2.895***      1.866***
>      1.226**      1.421***      1.379***      1.681***      1.267*

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> *          1.232**          1.194**
              (0.319)          (0.329)          (0.335)          (0.378)
>          (0.377)          (0.372)          (0.374)          (0.399)          (0.406)
>          (0.433)          (0.432)
              (9.627)          (8.316)          (8.651)          (4.930)
>          (3.250)          (3.822)          (3.684)          (4.209)          (3.121)
>          (2.841)          (2.762)
              (0.000)          (0.000)          (0.000)          (0.000)          (0.000)
>          (0.001)          (0.000)          (0.000)          (0.000)          (0.002)
>          (0.004)          (0.006)
ranown35          2.357***          1.843***          1.929***          0.420
>          0.373          0.490          0.194          0.823*          1.686*
> **          0.965*          0.961*
              (0.293)          (0.308)          (0.310)          (0.361)
>          (0.369)          (0.372)          (0.379)          (0.397)          (0.421)
>          (0.438)          (0.435)
              (8.056)          (5.990)          (6.213)          (1.162)
>          (1.012)          (1.317)          (0.512)          (2.072)          (4.006)
>          (2.202)          (2.212)
              (0.000)          (0.000)          (0.000)          (0.245)
>          (0.312)          (0.188)          (0.609)          (0.038)          (0.000)
>          (0.028)          (0.027)
ranown36          -1.130*          -0.876          -1.015          0.165
>          0.008          0.094          -0.134          0.111          -0.219
>          -0.918          -0.922
              (0.551)          (0.564)          (0.572)          (0.595)
>          (0.607)          (0.609)          (0.598)          (0.612)          (0.616)
>          (0.620)          (0.620)
              (-2.052)          (-1.555)          (-1.774)          (0.278)
>          (0.012)          (0.155)          (-0.224)          (0.182)          (-0.356)
>          (-1.482)          (-1.487)
              (0.040)          (0.120)          (0.076)          (0.781)
>          (0.990)          (0.877)          (0.823)          (0.856)          (0.722)
>          (0.138)          (0.137)
ranown37          3.388***          2.749***          2.577***          1.754***
>          1.485***          1.219**          1.115*          1.649***          1.930*
> **          2.047***          2.100***
              (0.390)          (0.404)          (0.406)          (0.441)
>          (0.447)          (0.453)          (0.454)          (0.472)          (0.468)
>          (0.486)          (0.486)
              (8.679)          (6.801)          (6.350)          (3.975)
>          (3.322)          (2.690)          (2.456)          (3.493)          (4.120)
>          (4.208)          (4.322)
              (0.000)          (0.000)          (0.000)          (0.000)          (0.000)
>          (0.001)          (0.007)          (0.014)          (0.000)          (0.000)
>          (0.000)          (0.000)
ranown38          1.998***          1.705***          1.598***          0.473
>          0.929*          0.498          0.312          0.652          0.732
>          0.855          0.904*

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>      (0.330)      (0.357)      (0.365)      (0.404)
>      (0.421)      (0.435)      (0.441)      (0.455)      (0.459)
>      (0.460)      (0.460)
>      (6.062)      (4.783)      (4.376)      (1.170)
>      (2.207)      (1.147)      (0.707)      (1.433)      (1.593)
>      (1.860)      (1.965)
>      (0.000)      (0.000)      (0.000)      (0.242)
>      (0.027)      (0.251)      (0.480)      (0.152)      (0.111)
>      (0.063)      (0.049)
ranown39      -0.227      -0.914*      -0.954*      -0.818*
>      -0.644      -0.141      -0.217      0.209      0.882
>      0.419      0.483
>      (0.352)      (0.369)      (0.371)      (0.409)
>      (0.411)      (0.416)      (0.429)      (0.457)      (0.485)
>      (0.483)      (0.481)
>      (-0.644)      (-2.477)      (-2.570)      (-1.997)
>      (-1.566)      (-0.339)      (-0.507)      (0.458)      (1.821)
>      (0.868)      (1.004)
>      (0.519)      (0.013)      (0.010)      (0.046)
>      (0.117)      (0.735)      (0.612)      (0.647)      (0.069)
>      (0.385)      (0.315)
ranown40      -1.083*      -1.630**      -1.666**      -0.540
>      -0.318      -0.198      -0.318      -0.187      -0.503
>      -0.864      -0.946
>      (0.551)      (0.561)      (0.561)      (0.582)
>      (0.589)      (0.589)      (0.597)      (0.618)      (0.615)
>      (0.628)      (0.627)
>      (-1.967)      (-2.906)      (-2.966)      (-0.928)
>      (-0.539)      (-0.337)      (-0.533)      (-0.303)      (-0.817)
>      (-1.377)      (-1.510)
>      (0.049)      (0.004)      (0.003)      (0.354)
>      (0.590)      (0.736)      (0.594)      (0.762)      (0.414)
>      (0.169)      (0.131)
ranown41      -1.571**      -1.693**      -1.872***      -0.512
>      -0.891      -1.027      -1.321      -0.709      -0.829
>      -1.130      -1.256
>      (0.544)      (0.553)      (0.562)      (0.569)
>      (0.768)      (0.776)      (0.781)      (0.796)      (0.785)
>      (0.799)      (0.799)
>      (-2.890)      (-3.062)      (-3.329)      (-0.899)
>      (-1.160)      (-1.325)      (-1.691)      (-0.891)      (-1.056)
>      (-1.415)      (-1.573)
>      (0.004)      (0.002)      (0.001)      (0.368)
>      (0.246)      (0.185)      (0.091)      (0.373)      (0.291)
>      (0.157)      (0.116)
ranown43      -1.819***      -1.991***      -2.111***      -1.321**
>      -1.271**      -0.681      -0.838      -0.356      -1.045*
>      -1.493**      -1.571**
>      (0.424)      (0.432)      (0.443)      (0.460)

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>      (0.463)      (0.465)      (0.468)      (0.492)      (0.512)
>      (0.552)      (0.554)
>      (-4.289)      (-4.614)      (-4.765)      (-2.874)
>      (-2.747)      (-1.464)      (-1.788)      (-0.722)      (-2.041)
>      (-2.707)      (-2.833)
>      (0.000)      (0.000)      (0.000)      (0.000)      (0.004)
>      (0.006)      (0.143)      (0.074)      (0.470)      (0.041)
>      (0.007)      (0.005)
ranown44      -0.071      -0.307      -0.441      0.120
>      0.146      0.459      0.307      0.541      0.221
>      -1.064*      -1.092*
>      (0.338)      (0.348)      (0.352)      (0.380)
>      (0.385)      (0.388)      (0.396)      (0.418)      (0.411)
>      (0.455)      (0.453)
>      (-0.211)      (-0.881)      (-1.254)      (0.316)
>      (0.380)      (1.183)      (0.775)      (1.294)      (0.539)
>      (-2.340)      (-2.411)
>      (0.833)      (0.378)      (0.210)      (0.752)
>      (0.704)      (0.237)      (0.438)      (0.196)      (0.590)
>      (0.019)      (0.016)
ranown45      -0.792      -0.737      -0.996*      -0.086
>      -0.500      0.086      0.132      0.629      -0.033
>      -0.596      -0.517
>      (0.474)      (0.479)      (0.477)      (0.515)
>      (0.519)      (0.524)      (0.524)      (0.546)      (0.542)
>      (0.560)      (0.558)
>      (-1.672)      (-1.540)      (-2.086)      (-0.166)
>      (-0.962)      (0.165)      (0.251)      (1.152)      (-0.061)
>      (-1.064)      (-0.926)
>      (0.095)      (0.124)      (0.037)      (0.868)
>      (0.336)      (0.869)      (0.802)      (0.249)      (0.951)
>      (0.287)      (0.354)
ranown46      -1.351***      -1.475***      -1.448***      -1.053*
>      -1.336**      -1.229**      -1.450***      -0.603      -0.797
>      -0.888      -0.925*
>      (0.358)      (0.365)      (0.382)      (0.415)
>      (0.419)      (0.417)      (0.428)      (0.457)      (0.451)
>      (0.459)      (0.459)
>      (-3.773)      (-4.038)      (-3.785)      (-2.538)
>      (-3.187)      (-2.946)      (-3.391)      (-1.319)      (-1.766)
>      (-1.937)      (-2.016)
>      (0.000)      (0.000)      (0.000)      (0.000)      (0.011)
>      (0.001)      (0.003)      (0.001)      (0.187)      (0.077)
>      (0.053)      (0.044)
ranown47      0.011      -0.455      -0.497      -0.424
>      -0.401      -0.406      -0.554      -0.371      -0.661
>      -0.781*      -0.840*
>      (0.267)      (0.276)      (0.275)      (0.321)
>      (0.325)      (0.332)      (0.342)      (0.372)      (0.371)

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>          (0.392)          (0.395)
>          (0.041)          (-1.649)          (-1.803)          (-1.321)
> (-1.234)          (-1.224)          (-1.622)          (-0.999)          (-1.783)
>          (-1.992)          (-2.123)
>          (0.967)          (0.099)          (0.071)          (0.187)
>          (0.217)          (0.221)          (0.105)          (0.318)          (0.075)
>          (0.046)          (0.034)
ranown48          0.394*          0.217          0.252          0.027
>          -0.038          0.215          0.042          0.527          0.341
>          0.268          0.237
>          (0.190)          (0.199)          (0.199)          (0.237)
>          (0.245)          (0.247)          (0.252)          (0.289)          (0.276)
>          (0.293)          (0.292)
>          (2.077)          (1.093)          (1.261)          (0.113)
>          (-0.154)          (0.873)          (0.166)          (1.827)          (1.234)
>          (0.916)          (0.810)
>          (0.038)          (0.275)          (0.207)          (0.910)
>          (0.877)          (0.383)          (0.868)          (0.068)          (0.217)
>          (0.360)          (0.418)
kmacc          -0.003**
>
>
>          (0.001)
>
>
>          (-2.914)
>
>
>          (0.004)
>
>
kmwork          0.003**
>
>
>          (0.001)
>
>
>          (2.674)
>
>
>          (0.007)
>
>
>
age          0.014***          0.035***          0.023***
>          0.021***          0.020***          0.019***          0.015***          0.005
>          -0.001          0.002
>          (0.003)          (0.004)          (0.004)
>          (0.004)          (0.004)          (0.004)          (0.004)          (0.004)
>          (0.005)          (0.005)

```

```

> (5.208) (4.703) (5.153) (9.901) (5.650)
> (-0.231) (0.380) (4.521) (3.329) (1.064)
> (0.000) (0.000) (0.000) (0.000) (0.000)
> (0.817) (0.704) (0.000) (0.001) (0.287)
female
> 0.193*** 0.181*** 0.115** 0.196*** 0.189***
> -0.202** -0.197** 0.043) (0.045) (0.052)
> (0.053) (0.054) (0.059) (0.063) (0.067)
> (0.070) (0.070) (2.661) (4.311) (3.617)
> (3.653) (3.339) (3.254) (0.861) (-2.242)
> (-2.877) (-2.810) (0.008) (0.000) (0.000)
> (0.000) (0.001) (0.001) (0.389) (0.025)
> (0.004) (0.005)
emplw11
> -1.610*** -1.395*** -1.431*** -1.826*** -1.777***
> ** -1.555*** -1.478*** -1.613*** -1.659*
> (0.297) (0.298) (0.244) (0.306) (0.348)
> (0.349) (0.296) (0.296) (0.296) (0.339)
> (-5.416) (-4.682) (-5.869) (-5.963) (-5.107)
> (-4.459) (-4.995) (-5.459) (-5.459) (-4.902)
> (0.000) (0.000) (0.000) (0.000) (0.000)
> (0.000) (0.000) (0.000) (0.000) (0.000)
> (0.000)
emplw12
> -0.367*** -0.353*** -0.540*** -0.527*** -0.587***
> * -0.103 -0.421*** -0.234** -0.234*
> (0.070) (0.072) (0.079) (0.083) (0.088)
> (0.085) (0.072) (0.072) (0.072) (0.084)
> (-5.247) (-4.931) (-6.830) (-6.332) (-6.662)
> (-1.205) (-5.816) (-3.242) (-3.242) (-2.787)
> (0.000) (0.000) (0.000) (0.000) (0.000)
> (0.000) (0.000) (0.000) (0.001) (0.005)
> (0.228)
emplw14
> -1.202* -1.116 -1.265* -1.732** -1.681**
> (0.589) (0.593) (0.556) (0.566) (0.592)
> (-2.275) (-3.060) (-2.841)

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```

>      (-2.043)      (-1.883)      (-2.115)
>
>              (0.023)      (0.002)      (0.005)
>      (0.041)      (0.060)      (0.034)
>
emplw21
>      -1.664*      -1.598*      -2.091**      -2.322**      -1.907*
>      -1.081      -2.165**      -1.642*      -1.779*      -1.266
>
>              (0.751)      (0.769)      (0.791)
>      (0.776)      (0.772)      (0.772)      (0.775)      (0.791)
>      (0.795)      (0.753)
>
>              (-2.784)      (-3.020)      (-2.410)
>      (-2.143)      (-2.070)      (-2.127)      (-2.297)      (-1.600)
>      (-1.359)      (-2.875)
>
>              (0.005)      (0.003)      (0.016)
>      (0.032)      (0.038)      (0.033)      (0.022)      (0.110)
>      (0.174)      (0.004)
emplw25
>      -0.250      -0.247      -0.567***      -0.834***      -0.403**
>
>              (0.113)      (0.118)      (0.128)
>      (0.128)      (0.131)      (0.133)      (0.138)
>
>              (-4.997)      (-7.069)      (-3.152)
>      (-1.955)      (-1.889)      (-2.055)      (-2.377)
>
>              (0.000)      (0.000)      (0.002)
>      (0.051)      (0.059)      (0.040)      (0.017)
>
emplw31
>      -0.235***      -0.111      -0.584***      -0.579***      -0.293***
>      -0.599***      -0.192**      -0.324***      -0.535*
> **
>              (0.062)      (0.052)      (0.061)
>      (0.062)      (0.064)      (0.065)      (0.066)      (0.075)
>      (0.072)      (0.070)
>
>              (-9.479)      (-11.070)      (-4.829)
>      (-3.802)      (-1.749)      (-2.947)      (-4.898)      (-7.175)
>      (-8.382)      (-7.932)
>
>              (0.000)      (0.000)      (0.000)
>      (0.000)      (0.080)      (0.003)      (0.000)      (0.000)
>      (0.000)      (0.000)
emplw34
>
>
>              (0.078)
>
>
>              (-1.888)
>

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>
>
>
inc1w1      1.404***      1.164***      0.260
>
>
>      (0.300)      (0.303)      (0.333)
>
>
>      (4.687)      (3.837)      (0.782)
>
>
>      (0.000)      (0.000)      (0.434)
>
>
inc2w1      1.516***      1.351***      0.950**
>
>
>      (0.294)      (0.296)      (0.325)
>
>
>      (5.164)      (4.558)      (2.925)
>
>
>      (0.000)      (0.000)      (0.003)
>
>
inc3w1      1.807***      1.726***      1.121***
>
>
>      (0.294)      (0.297)      (0.327)
>
>
>      (6.153)      (5.802)      (3.434)
>
>
>      (0.000)      (0.000)      (0.001)
>
>
inc4w1      1.716***      1.582***      0.776*
>
>
>      (0.307)      (0.311)      (0.343)
>
>
>      (5.589)      (5.093)      (2.261)
>
>

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```

>
>
inc1w2
>      -0.232      -0.250*      -1.607***      -1.581***      -1.514***
>      (0.124)      (0.125)      (0.125)      (0.128)      (0.348)
>
>      (-1.876)      (-1.999)      (-2.159)      (-3.042)      (-4.346)
>
>      (0.061)      (0.046)      (0.031)      (0.002)      (0.000)
>
inc2w2
>      -0.880***      -0.986***      -1.963***      -2.044***      -2.465***
> **      -0.544***      -0.535***      -0.986***      -0.939***      -0.591*
>
>      (0.111)      (0.113)      (0.112)      (0.112)      (0.083)
>      (0.084)      (0.084)
>      (-7.941)      (-8.738)      (-8.766)      (-8.359)      (-7.155)
>      (-6.483)      (-6.388)
>
>      (0.000)      (0.000)      (0.000)      (0.000)      (0.000)
>      (0.000)      (0.000)
inc3w2
>      -0.764***      -0.787***      -1.914***      -2.062***      -2.450***
> **      -0.736***      -0.692***      -0.767***      -0.811***      -0.824*
>
>      (0.119)      (0.119)      (0.119)      (0.120)      (0.094)
>      (0.096)      (0.095)
>      (-6.427)      (-6.597)      (-6.447)      (-6.762)      (-8.757)
>      (-7.685)      (-7.286)
>
>      (0.000)      (0.000)      (0.000)      (0.000)      (0.000)
>      (0.000)      (0.000)
inc4w2
>      -1.789***      -1.719***      -3.552***      -3.508***      -3.181***
> **      -1.331***      -1.307***      -1.754***      -1.589***      -1.391*
>
>      (0.207)      (0.209)      (0.207)      (0.202)      (0.200)
>      (0.207)      (0.207)
>      (-8.656)      (-8.238)      (-10.379)      (-10.069)      (-8.372)
>      (-6.436)      (-6.322)      (-8.471)      (-7.845)      (-6.946)
>
>      (0.000)      (0.000)      (0.000)

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>      (0.000)      (0.000)      (0.000)      (0.000)      (0.000)
>      (0.000)      (0.000)
inc2w3      -0.513***      -0.432***      -0.034
>
>
>      (0.059)      (0.062)      (0.068)
>
>
>      (-8.686)      (-7.015)      (-0.498)
>
>
>      (0.000)      (0.000)      (0.619)
>
>
inc3w3      -0.899***      -0.744***      -0.250**
>      -0.366***      -0.310***      -0.321***      -0.275***      -0.270*
> **      -0.198**      -0.196**
>
>      (0.074)      (0.076)      (0.087)
>      (0.067)      (0.067)      (0.070)      (0.070)      (0.077)
>      (0.076)      (0.076)
>
>      (-12.219)      (-9.760)      (-2.866)
>      (-5.417)      (-4.597)      (-4.605)      (-3.902)      (-3.505)
>      (-2.600)      (-2.577)
>
>      (0.000)      (0.000)      (0.004)
>      (0.000)      (0.000)      (0.000)      (0.000)      (0.000)
>      (0.009)      (0.010)
occ1w1      0.170**      0.207***      0.158*
>      0.193**      0.117      0.042
>
>
>      (0.060)      (0.062)      (0.068)
>      (0.068)      (0.069)      (0.071)
>
>
>      (2.841)      (3.363)      (2.327)
>      (2.842)      (1.685)      (0.596)
>
>
>      (0.005)      (0.001)      (0.020)
>      (0.004)      (0.092)      (0.551)
>
>
occ4w1      -0.236**      -0.203*      -0.246*
>      -0.143      -0.195*      -0.233*      -0.222*      -0.276*
>      -0.242*      -0.251*
>
>      (0.086)      (0.089)      (0.097)
>      (0.097)      (0.099)      (0.100)      (0.098)      (0.109)
>      (0.111)      (0.111)
>
>      (-2.750)      (-2.288)      (-2.547)
>      (-1.475)      (-1.968)      (-2.331)      (-2.267)      (-2.539)
>      (-2.186)      (-2.271)
>
>      (0.006)      (0.022)      (0.011)
>      (0.140)      (0.049)      (0.020)      (0.023)      (0.011)

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```

>          (0.029)          (0.023)
occ5w1          -0.667***          -0.707***          -0.990***
>          -0.980***          -0.989***          -0.938***          -0.753***          -0.917*
> **          -0.534***          -0.533***
>          (0.124)          (0.126)          (0.143)
>          (0.145)          (0.151)          (0.154)          (0.151)          (0.159)
>          (0.155)          (0.156)
>          (-5.389)          (-5.632)          (-6.920)
>          (-6.746)          (-6.537)          (-6.072)          (-4.984)          (-5.761)
>          (-3.434)          (-3.430)
>          (0.000)          (0.000)          (0.000)
>          (0.000)          (0.000)          (0.000)
>          (0.001)          (0.001)
jsw1          0.003**          0.002*          0.001
>
>
>          (0.001)          (0.001)          (0.001)
>
>
>          (2.759)          (2.337)          (1.272)
>
>
>          (0.006)          (0.019)          (0.203)
>
>
jsw2          0.005***          0.004***          0.007***
>          0.008***          0.008***          0.008***          0.009***          0.013*
> **          0.013***          0.012***
>          (0.001)          (0.001)          (0.001)
>          (0.001)          (0.001)          (0.001)
>          (0.001)          (0.001)
>          (6.058)          (4.884)          (7.546)
>          (8.641)          (9.010)          (8.666)          (9.467)          (12.450)
>          (12.186)          (11.937)
>          (0.000)          (0.000)          (0.000)
>          (0.000)          (0.000)          (0.000)
>          (0.000)          (0.000)
marrrw11          1.132**          0.510
>
>
>          (0.356)          (0.395)
>
>
>          (3.176)          (1.289)
>
>
>          (0.001)          (0.197)
>
>

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```

marrw12
>      0.594***      0.750***      0.788***      0.826***      0.655***
> **      0.768***      0.931***
>      (0.159)      (0.163)      (0.161)      (0.169)      (0.177)
>      (0.181)      (0.179)
>      (3.748)      (4.591)      (4.905)      (4.900)      (3.707)
>      (4.252)      (5.209)
>      (0.000)      (0.000)      (0.000)      (0.000)      (0.000)
>      (0.000)      (0.000)
marrw14
>      0.337*      0.488**      0.571***      0.896***      0.674***
> **      0.634***      0.727***
>      (0.151)      (0.156)      (0.155)      (0.155)      (0.166)
>      (0.178)      (0.177)
>      (2.227)      (3.124)      (3.677)      (5.764)      (4.054)
>      (3.556)      (4.106)
>      (0.026)      (0.002)      (0.000)      (0.000)      (0.000)
>      (0.000)      (0.000)
marrw16
>      1.506***      2.264***      2.200***      2.192***      2.265***
> **      2.967***      3.011***
>      (0.339)      (0.351)      (0.365)      (0.306)      (0.357)
>      (0.359)      (0.358)
>      (4.439)      (6.441)      (6.024)      (7.155)      (6.351)
>      (8.271)      (8.421)
>      (0.000)      (0.000)      (0.000)      (0.000)      (0.000)
>      (0.000)      (0.000)
marrw22
>      -1.240***      -1.395***      -1.440***      -1.472***      -1.377***
> **      -1.876***      -1.842***
>      (0.126)      (0.128)      (0.129)      (0.114)      (0.125)
>      (0.153)      (0.153)
>      (-9.802)      (-10.922)      (-11.193)      (-12.940)      (-11.009)
>      (-12.231)      (-12.016)
>      (0.000)      (0.000)      (0.000)      (0.000)      (0.000)
>      (0.000)      (0.000)
marrw24
>      -0.979***      -0.842***

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>      -0.798***      -0.920***      -0.998***      -1.073***      -1.447*
> **      -1.543***      -1.511***
>              (0.105)      (0.115)
>      (0.117)      (0.116)      (0.117)      (0.118)      (0.137)
>              (0.142)      (0.141)
>              (-9.348)      (-7.301)
>      (-6.837)      (-7.907)      (-8.498)      (-9.082)      (-10.538)
>              (-10.880)      (-10.714)
>              (0.000)      (0.000)
>      (0.000)      (0.000)      (0.000)      (0.000)      (0.000)
>              (0.000)      (0.000)
marrw25
>      -1.280***      -1.303***      -1.409***      -1.445***      -1.372***
> **      -1.467***      -1.475***
>              (0.332)      (0.357)
>      (0.355)      (0.346)      (0.350)      (0.354)      (0.366)
>              (0.373)      (0.373)
>              (-4.352)      (-3.841)
>      (-3.606)      (-3.769)      (-4.023)      (-3.655)      (-4.650)
>              (-3.933)      (-3.956)
>              (0.000)      (0.000)
>      (0.000)      (0.000)      (0.000)      (0.000)      (0.000)
>              (0.000)      (0.000)
marrw26
>      -1.700***      -2.325***      -2.218***      -2.212***      -2.422***
> **      -3.518***      -3.509***
>              (0.275)      (0.300)
>      (0.286)      (0.286)      (0.291)      (0.296)      (0.323)
>              (0.340)      (0.339)
>              (-8.055)      (-8.061)
>      (-5.939)      (-8.117)      (-7.620)      (-8.008)      (-9.410)
>              (-10.337)      (-10.349)
>              (0.000)      (0.000)
>      (0.000)      (0.000)      (0.000)      (0.000)      (0.000)
>              (0.000)      (0.000)
marrw31
>      0.998***      0.981***      0.961***      1.228***      1.006***
> **      0.873***      0.780***
>              (0.112)      (0.123)
>      (0.123)      (0.125)      (0.128)      (0.131)      (0.148)
>              (0.151)      (0.150)
>              (10.960)      (8.192)
>      (8.101)      (7.877)      (7.508)      (6.528)      (5.404)
>              (5.794)      (5.215)
>              (0.000)      (0.000)
>      (0.000)      (0.000)      (0.000)      (0.000)      (0.000)
>              (0.000)      (0.000)
marrw33
>      0.632***      0.544***      0.531***      0.672***      0.493***
>              0.563***      0.564*

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> **      0.617***      0.562***
              (0.073)      (0.080)
>      (0.101)      (0.083)      (0.085)      (0.087)      (0.096)
>      (0.098)      (0.097)
              (9.240)      (6.187)
>      (6.282)      (6.571)      (6.221)      (6.512)      (5.893)
>      (6.279)      (5.805)
              (0.000)      (0.000)
>      (0.000)      (0.000)      (0.000)      (0.000)      (0.000)
>      (0.000)      (0.000)
marrw35      1.075***      1.263***
>      1.279***      1.307***      1.349***      1.341***      1.422*
> **      1.513***      1.490***
              (0.114)      (0.147)
>      (0.147)      (0.130)      (0.132)      (0.135)      (0.152)
>      (0.156)      (0.156)
              (9.455)      (8.594)
>      (8.677)      (10.034)      (10.209)      (9.959)      (9.378)
>      (9.675)      (9.548)
              (0.000)      (0.000)
>      (0.000)      (0.000)      (0.000)      (0.000)      (0.000)
>      (0.000)      (0.000)
childw1      -0.268***      -0.310***
>      -0.285***      -0.272***      -0.299***      -0.315***      -0.341*
> **      -0.354***      -0.360***
              (0.051)      (0.057)
>      (0.058)      (0.059)      (0.060)      (0.060)      (0.068)
>      (0.068)      (0.067)
              (-5.203)      (-5.424)
>      (-4.920)      (-4.593)      (-5.002)      (-5.271)      (-5.006)
>      (-5.221)      (-5.344)
              (0.000)      (0.000)
>      (0.000)      (0.000)      (0.000)      (0.000)      (0.000)
>      (0.000)      (0.000)
childw2      -0.390***      -0.503***
>      -0.487***      -0.474***      -0.478***      -0.547***      -0.530*
> **      -0.397***      -0.393***
              (0.060)      (0.066)
>      (0.065)      (0.066)      (0.067)      (0.067)      (0.074)
>      (0.075)      (0.075)
              (-6.486)      (-7.595)
>      (-7.478)      (-7.227)      (-7.179)      (-8.167)      (-7.175)
>      (-5.266)      (-5.223)
              (0.000)      (0.000)
>      (0.000)      (0.000)      (0.000)      (0.000)      (0.000)
>      (0.000)      (0.000)
childw3      0.349***      0.460***
>      0.421***      0.414***      0.461***      0.523***      0.543*
> **      0.493***      0.500***

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```

> (0.049) (0.050) (0.050) (0.045) (0.050)
> (0.061) (0.061) (0.051) (0.060)
> (8.683) (8.349) (9.130) (7.721) (9.137)
> (8.132) (8.226) (10.246) (9.097)
> (0.000) (0.000) (0.000) (0.000) (0.000)
> (0.000) (0.000) (0.000) (0.000)
deaw2 0.124***
> 0.085** 0.104*** 0.085**
>
> (0.031) (0.031) (0.032) (0.031)
>
> (2.742) (3.355) (2.667) (4.007)
>
> (0.006) (0.001) (0.008) (0.000)
>
deaw3 0.284***
> 0.251*** 0.204*** 0.225*** 0.216*** 0.183*
> ** 0.256*** 0.257***
> (0.025) (0.025) (0.027) (0.027) (0.026)
> (0.030) (0.030) (0.029)
> (10.003) (8.036) (8.505) (7.887) (11.122)
> (8.588) (8.592) (6.320)
> (0.000) (0.000) (0.000) (0.000) (0.000)
> (0.000) (0.000)
dvcew1 0.401
> 0.506* 0.459* 0.431 -0.308
>
> (0.221) (0.229) (0.237) (0.260) (0.221)
>
> (2.287) (2.004) (1.818) (-1.182) (1.815)
>
> (0.022) (0.045) (0.069) (0.237) (0.070)
>
dvcew3 -0.138
> -0.238
>
(0.127)

```

>	(0.124)				
>					
					(-1.090)
>	(-1.911)				
>					
					(0.276)
>	(0.056)				
>					
sepaw3					-0.408**
>	-0.401**	-0.618***	-0.558***	-0.585***	-0.659*
> **	-0.744***	-0.796***			
					(0.131)
>	(0.132)	(0.131)	(0.132)	(0.135)	(0.149)
>	(0.155)	(0.156)			
					(-3.113)
>	(-3.048)	(-4.702)	(-4.227)	(-4.330)	(-4.435)
>	(-4.803)	(-5.117)			
					(0.002)
>	(0.002)	(0.000)	(0.000)	(0.000)	(0.000)
>	(0.000)	(0.000)			
accdw1					0.447***
>	0.396**	0.246			
>					
					(0.129)
>	(0.131)	(0.133)			
>					
					(3.468)
>	(3.032)	(1.848)			
>					
					(0.001)
>	(0.002)	(0.065)			
>					
accdw2					0.237***
>	0.253***	0.254***	0.316***	0.331***	0.354*
> **	0.375***	0.389***			
					(0.065)
>	(0.065)	(0.067)	(0.073)	(0.073)	(0.070)
>	(0.072)	(0.072)			
					(3.627)
>	(3.862)	(3.817)	(4.348)	(4.540)	(5.057)
>	(5.194)	(5.416)			
					(0.000)
>	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
>	(0.000)	(0.000)			
accdw3					0.540***
>	0.629***	0.509***	0.537***	0.358***	0.222*
>	0.160	0.115			
					(0.071)
>	(0.070)	(0.072)	(0.073)	(0.077)	(0.092)

```

>          (0.097)          (0.096)
>          (8.947)          (7.096)          (7.317)          (4.651)          (7.654)
>          (1.657)          (1.195)
>
>          (0.000)          (0.000)          (0.000)          (0.000)          (0.000)
>          (0.098)          (0.232)
>          (0.016)
cataw1
>          0.423***          0.364***          0.418***          0.377***          0.434***
>          0.025
>
>          (0.063)          (0.063)          (0.064)          (0.065)          (0.062)
>          (0.073)
>
>          (6.757)          (5.825)          (6.527)          (5.793)          (7.022)
>          (0.337)
>
>          (0.000)          (0.000)          (0.000)          (0.000)          (0.000)
>          (0.736)
>
cataw2
>          2.141***          2.115***          2.487***          2.393***          2.026***
>
>          (0.274)          (0.286)          (0.267)          (0.270)          (0.273)
>
>          (7.806)          (7.402)          (9.304)          (8.856)          (7.430)
>
>          (0.000)          (0.000)          (0.000)          (0.000)          (0.000)
>
cataw3
>          -0.532
>          -0.759*
>
>          (0.314)          (0.313)
>
>          (-1.695)          (-2.426)
>
>          (0.090)          (0.015)
>
illw1
>          0.473***          0.415***          0.454***          0.286***          0.525***
>          0.276*
> **          0.204**          0.198**
>
>          (0.051)          (0.052)          (0.054)          (0.062)          (0.050)
>          (0.067)          (0.067)          (0.066)

```

```

> (9.315) (8.052) (8.468) (4.610) (10.493)
> (3.045) (2.974) (4.215)
> (0.000)
> (0.000) (0.000) (0.000) (0.000) (0.000)
> (0.002) (0.003)
illw2
> 0.204*** 0.127*** 0.129*** 0.080* 0.237***
> 0.034
> (0.036)
> (0.036) (0.037) (0.037) (0.039) (0.041)
> (6.653)
> (5.694) (3.459) (3.492) (2.079) (0.818)
> (0.000)
> (0.000) (0.001) (0.000) (0.038) (0.413)
> 0.090**
illw3
> 0.117***
> (0.031)
> (0.031)
> (2.911)
> (3.755)
> (0.004)
> (0.000)
> 0.231**
movew1
> 0.265*** 0.350*** 0.424*** 0.443*** 0.473*
> ** 0.445*** 0.444***
> (0.075)
> (0.076) (0.077) (0.076) (0.073) (0.078)
> (0.081) (0.081)
> (3.061)
> (3.481) (4.559) (5.608) (6.085) (6.033)
> (5.526) (5.507)
> (0.002)
> (0.000) (0.000) (0.000) (0.000) (0.000)
> (0.000) (0.000)
movew3
> 0.414*** 0.325*** 0.348*** 0.237** 0.340***
> ** 0.361*** 0.356*** 0.376*
> (0.076)
> (0.077) (0.078) (0.082) (0.083) (0.103)
> (0.105) (0.105)
> (4.450)

```

```

>      (5.365)      (4.155)      (4.263)      (2.859)      (3.638)
>      (3.445)      (3.399)
>
>      (0.000)      (0.000)      (0.000)      (0.004)      (0.000)
>      (0.001)      (0.001)
shjobw1
>      0.013***      0.010***      0.010***      0.010***      0.013***
> **      0.011***      0.010***
>
>      (0.001)
>      (0.001)      (0.001)      (0.001)      (0.001)      (0.001)
>
>      (14.153)      (10.560)      (9.923)      (9.706)      (14.384)
>      (8.957)      (8.848)
>
>      (0.000)      (0.000)      (0.000)      (0.000)      (0.000)
>      (0.000)      (0.000)
shjobw2
>      -0.008***      -0.007***      -0.007***      -0.006***      -0.008***
> **      -0.005***      -0.005***
>
>      (0.001)
>      (0.001)      (0.001)      (0.001)      (0.001)      (0.001)
>
>      (-8.566)      (-7.180)      (-7.242)      (-6.199)      (-8.428)
>      (-4.910)      (-4.367)
>
>      (0.000)      (0.000)      (0.000)      (0.000)      (0.000)
>      (0.000)      (0.000)
shjobw3
>      -0.005***      -0.004***      -0.003***      -0.001      -0.004***
>
>      (0.001)
>      (0.001)      (0.001)      (0.001)      (0.001)      (0.001)
>
>      (-5.865)      (-5.135)      (-4.124)      (-1.381)      (-5.393)
>
>      (0.000)      (0.000)      (0.000)      (0.167)      (0.000)
>
shfamw1
>      0.002      0.004***      0.005***      0.003**      0.004***
>
>      (0.001)
>      (0.001)      (0.001)      (0.001)      (0.001)      (0.001)
>
>      (1.778)      (3.566)      (4.655)      (3.151)      (4.160)
>      (2.408)

```

```

>
> (0.075) (0.000) (0.000) (0.002) (0.000)
> (0.016)
>
shfamw2
> 0.007*** 0.006*** 0.005*** 0.005*** 0.007***
> ** 0.009*** 0.009*** 0.007*
> (0.001)
> (0.001) (0.001) (0.001) (0.001) (0.001)
> (0.001) (0.001)
> (7.387)
> (6.616) (6.021) (4.373) (4.679) (6.631)
> (8.419) (8.538)
> (0.000)
> (0.000) (0.000) (0.000) (0.000) (0.000)
> (0.000) (0.000)
shfamw3
> 0.004*** 0.003** 0.003** 0.002* 0.005***
> -0.000
> (0.001)
> (0.001) (0.001) (0.001) (0.001) (0.001)
> (0.001)
> (4.782)
> (4.650) (3.087) (2.643) (2.435) (-0.275)
> (-0.275)
> (0.000)
> (0.000) (0.002) (0.008) (0.015) (0.784)
> (0.784)
shhlw2
> -0.002
> (0.001)
> (0.001)
> (-1.739)
> (0.082)
> (0.082)
> 0.002*
shhlw3
> (0.001)
> (0.001)
> (1.992)
> (1.992)
> (1.992)

```

```

>
>
shfincw1
>      -0.004***      -0.003***      -0.004***      -0.004***      -0.007***
> **      -0.005***      -0.004***
>
>      (0.001)      (0.001)      (0.001)      (0.001)      (0.001)
>      (0.001)      (0.001)
>
>      (-3.814)      (-3.398)      (-4.187)      (-4.216)      (-6.194)
>      (-4.632)      (-4.420)      (-4.759)
>
>      (0.000)      (0.001)      (0.000)      (0.000)      (0.000)
>      (0.000)      (0.000)
shhousw3
>      0.006***      0.007***      0.007***      0.006***      0.005***
> **      0.006***      0.005***
>
>      (0.001)      (0.001)      (0.001)      (0.001)      (0.001)
>      (0.001)      (0.001)
>
>      (7.305)      (7.813)      (7.990)      (6.593)      (5.701)
>      (6.173)      (5.626)      (8.401)
>
>      (0.000)      (0.000)      (0.000)      (0.000)      (0.000)
>      (0.000)      (0.000)
suprtw1
>      0.010***      0.010***      0.008***      0.008***      0.009*
> **      0.009***      0.010***
>
>      (0.001)      (0.002)      (0.001)      (0.001)      (0.002)
>      (0.002)      (0.002)
>
>      (6.353)      (6.425)      (5.658)      (5.380)      (5.311)
>      (5.181)      (6.216)
>
>      (0.000)      (0.000)      (0.000)      (0.000)      (0.000)
>      (0.000)      (0.000)
suprtw2
>      -0.003***      -0.004***      -0.004***      -0.004***      -0.004*
> **      -0.004***      -0.004***
>
>      (0.001)      (0.001)      (0.001)      (0.001)      (0.001)
>      (0.001)      (0.001)
>
>      (-5.180)      (-5.821)      (-6.103)      (-6.284)      (-5.892)
>      (-5.715)      (-5.877)

```

```

>      (0.000)      (0.000)      (0.000)      (0.000)      (0.000)
>      (0.000)      (0.000)
suprtw3
>      -0.002*
>

>      (0.001)
>

>      (-2.109)
>

>      (0.035)
>
sufamw1
>      0.007***      0.007***      0.007***      0.008***      0.007*
> **      0.008***      0.006***

>      (0.001)      (0.001)      (0.001)      (0.001)      (0.002)
>      (0.002)      (0.002)

>      (4.427)      (4.543)      (4.707)      (5.273)      (4.272)
>      (4.471)      (3.495)

>      (0.000)      (0.000)      (0.000)      (0.000)      (0.000)
>      (0.000)      (0.000)
sufamw3
>      0.003**      0.003**      0.004***      0.004***      0.005*
> **      0.006***      0.006***

>      (0.001)      (0.001)      (0.001)      (0.001)      (0.001)
>      (0.001)      (0.001)

>      (3.155)      (2.820)      (4.881)      (4.890)      (5.506)
>      (5.967)      (5.572)

>      (0.002)      (0.005)      (0.000)      (0.000)      (0.000)
>      (0.000)      (0.000)
suchrw1
>      -0.007***      -0.004      -0.004*      -0.006**      -0.009*
> **      -0.013***      -0.012***

>      (0.002)      (0.002)      (0.002)      (0.002)      (0.002)
>      (0.003)      (0.003)

>      (-3.355)      (-1.763)      (-2.028)      (-2.759)      (-3.883)
>      (-4.990)      (-4.869)

>      (0.001)      (0.078)      (0.043)      (0.006)      (0.000)

```

```

>          (0.000)          (0.000)
suchrw3
>          0.002*          0.001
>

>          (0.001)          (0.001)
>

>          (2.216)          (1.065)
>

>          (0.027)          (0.287)
>
phlthw1
>          -0.007***          -0.006**
>

>          (0.002)          (0.002)
>

>          (-3.403)          (-2.839)
>

>          (0.001)          (0.005)
>
phlthw2
>          -0.005*          -0.004          -0.005*          -0.008*
> **          -0.009***          -0.010***

>          (0.002)          (0.002)          (0.002)          (0.002)
>          (0.002)          (0.002)

>          (-2.511)          (-1.934)          (-2.521)          (-3.598)
>          (-4.060)          (-4.293)

>          (0.012)          (0.053)          (0.012)          (0.000)
>          (0.000)          (0.000)
phlthw3
>          -0.010***          -0.010***          -0.008***          -0.011*
> **          -0.007**          -0.008***

>          (0.002)          (0.002)          (0.002)          (0.002)
>          (0.002)          (0.002)

>          (-5.347)          (-5.435)          (-3.887)          (-5.183)
>          (-3.262)          (-3.409)

>          (0.000)          (0.000)          (0.000)          (0.000)
>          (0.001)          (0.001)

```

```

mhlthw1
>                0.028***      0.025***      0.023***      0.025*
> **            0.022***      0.022***
>
>                (0.002)      (0.002)      (0.002)      (0.003)
>            (0.003)      (0.003)
>
>                (11.907)      (10.226)      (9.897)      (9.850)
>            (8.698)      (8.734)
>
>                (0.000)      (0.000)      (0.000)      (0.000)
>            (0.000)      (0.000)
mhlthw2
>                -0.014***      -0.013***      -0.013***      -0.013*
> **            -0.010***      -0.009***
>
>                (0.002)      (0.002)      (0.002)      (0.002)
>            (0.002)      (0.002)
>
>                (-8.312)      (-7.202)      (-7.179)      (-6.368)
>            (-4.565)      (-4.446)
>
>                (0.000)      (0.000)      (0.000)      (0.000)
>            (0.000)      (0.000)
smokw3
>                -0.003***      -0.003***      -0.005*
> **            -0.005***      -0.005***
>
>                (0.001)      (0.001)      (0.001)
>            (0.001)      (0.001)
>
>                (-4.704)      (-4.678)      (-5.628)
>            (-6.387)      (-6.074)
>
>                (0.000)      (0.000)      (0.000)
>            (0.000)      (0.000)
beerw1
>                0.062***      0.051***      0.092*
> **            0.092***      0.096***
>
>                (0.012)      (0.012)      (0.014)
>            (0.014)      (0.014)
>
>                (5.108)      (4.112)      (6.364)
>            (6.485)      (6.764)
>
>                (0.000)      (0.000)      (0.000)
>            (0.000)      (0.000)
beerw2

```

```

>
> *      -0.065*      -0.073**      -0.079***      -0.053*      -0.086*
>
>      (0.026)      (0.026)      (0.023)      (0.023)      (0.027)
>
>      (-2.459)      (-2.763)      (-3.454)      (-2.294)      (-3.216)
>
>      (0.014)      (0.006)      (0.001)      (0.022)      (0.001)
>
beerw3
>
> **      0.112***      0.110***      0.128***      0.133***      0.108*
>
>      (0.016)      (0.016)      (0.015)      (0.015)      (0.016)
>
>      (6.816)      (6.709)      (8.767)      (8.986)      (6.542)
>
>      (0.000)      (0.000)      (0.000)      (0.000)      (0.000)
>
liqw1
>
>      0.049***      0.030*
>
>
>      (0.013)      (0.013)
>
>
>      (3.844)      (2.292)
>
>
>      (0.000)      (0.022)
>
liqw3
>
>      -0.034**      -0.034**
>
>
>      (0.012)      (0.012)
>
>
>      (-2.849)      (-2.895)
>
>
>      (0.004)      (0.004)
>
pillw1
>
>      0.033**      0.028*      0.050*

```

```

> **      0.041**      0.043**
>
>      (0.015)      (0.015)      (0.012)      (0.013)      (0.015)
>
>      (2.674)      (2.881)      (2.657)      (2.154)      (3.336)
>
>      (0.007)      (0.004)      (0.008)      (0.031)      (0.001)
>
pillw2
>
> **      0.043***      0.042***      0.033**      0.028*      0.041*
>
>      (0.012)      (0.012)      (0.011)      (0.011)      (0.012)
>
>      (3.495)      (3.453)      (3.112)      (2.491)      (3.393)
>
>      (0.000)      (0.001)      (0.002)      (0.013)      (0.001)
>
pillw3
>
> **      -0.027**      -0.027**      -0.025***      -0.024**      -0.032*
>
>      (0.008)      (0.008)      (0.007)      (0.008)      (0.008)
>
>      (-3.180)      (-3.194)      (-3.343)      (-3.060)      (-3.822)
>
>      (0.001)      (0.001)      (0.001)      (0.002)      (0.000)
>
medcow1
>
>      -0.042**      -0.048***      0.024*      -0.029*
>
>      (0.013)      (0.013)      (0.010)      (0.012)
>
>      (-3.277)      (-3.818)      (2.442)      (-2.389)
>
>      (0.001)      (0.000)      (0.015)      (0.017)
>
medcow2
>
> **      0.057***      0.059***      0.038***      0.055*

```

>			(0.006)	(0.006)
>	(0.006)	(0.006)		
>			(6.633)	(8.550)
>	(9.273)	(9.722)		
>			(0.000)	(0.000)
>	(0.000)	(0.000)		
hospw1				
>			0.010***	0.013*
> **	0.014***	0.014***		
>			(0.002)	(0.003)
>	(0.003)	(0.003)		
>			(3.888)	(5.181)
>	(5.426)	(5.428)		
>			(0.000)	(0.000)
>	(0.000)	(0.000)		
hospw2				
>			-0.006*	-0.007*
> *	-0.006**	-0.007**		
>			(0.002)	(0.002)
>	(0.002)	(0.002)		
>			(-2.548)	(-2.919)
>	(-2.645)	(-2.820)		
>			(0.011)	(0.004)
>	(0.008)	(0.005)		
hospw3				
>			0.004*	
>				
>			(0.002)	
>				
>			(2.545)	
>				
>			(0.011)	
>				
icdxcnt				
>			0.073***	0.056*
> **	0.048**	0.047**		

>			(0.012)	(0.014)
>	(0.015)	(0.015)		
>			(5.903)	(3.945)
>	(3.260)	(3.221)		
>			(0.000)	(0.000)
>	(0.001)	(0.001)		
icdx1n1				
>				-2.131*
>	-2.484*	-2.383*		
>				(1.032)
>	(1.036)	(1.035)		
>				(-2.065)
>	(-2.399)	(-2.303)		
>				(0.039)
>	(0.016)	(0.021)		
icdx1n2				
>				0.952*
>	1.501**	1.508**		
>				(0.474)
>	(0.489)	(0.488)		
>				(2.009)
>	(3.070)	(3.088)		
>				(0.045)
>	(0.002)	(0.002)		
icdx1n3				
>				-3.052*
> **	-3.487***	-3.494***		
>				(0.398)
>	(0.389)	(0.391)		
>				(-7.666)
>	(-8.958)	(-8.944)		
>				(0.000)
>	(0.000)	(0.000)		
icdx1n5				
>				-1.464*
>				
>				(0.739)

```

>
>
>
>
>
>
icdx1n9
>
> **      -1.726**      -1.751**      -1.731*
>
>
>      (0.541)      (0.543)      (0.514)
>
>      (-3.190)      (-3.225)      (-3.368)
>
>
>      (0.001)      (0.001)      (0.001)
icdx1n10
>
> **      2.201***      2.180***      2.363*
>
>
>      (0.400)      (0.399)      (0.387)
>
>
>      (5.499)      (5.458)      (6.098)
>
>
>      (0.000)      (0.000)      (0.000)
icdx1n11
>
> **      2.592***      2.726***      2.497*
>
>
>      (0.393)      (0.388)      (0.390)
>
>
>      (6.599)      (7.032)      (6.398)
>
>
>      (0.000)      (0.000)      (0.000)
icdx1n12
>
>      1.841**      1.865**      1.607*
>
>
>      (0.714)      (0.714)      (0.709)

```

>			(2.268)
>	(2.578)	(2.614)	
>			(0.023)
>	(0.010)	(0.009)	
icdx1n16			
>			1.332*
> **	1.101**	1.129**	
>			(0.366)
>	(0.374)	(0.371)	
>			(3.635)
>	(2.943)	(3.045)	
>			(0.000)
>	(0.003)	(0.002)	
icdx1n21			
>			3.270*
> **	3.051***	3.253***	
>			(0.564)
>	(0.581)	(0.577)	
>			(5.794)
>	(5.255)	(5.641)	
>			(0.000)
>	(0.000)	(0.000)	
icdx1n23			
>			-0.582*
> *	-0.496*	-0.464*	
>			(0.208)
>	(0.212)	(0.211)	
>			(-2.792)
>	(-2.334)	(-2.201)	
>			(0.005)
>	(0.020)	(0.028)	
icdx1n34			
>			-2.813*
> **	-2.985***	-2.880***	
>			(0.753)
>	(0.774)	(0.775)	

>			(-3.736)
>	(-3.857)	(-3.715)	
>			(0.000)
>	(0.000)	(0.000)	
icdx1n35			
>			-1.428*
>	-1.227	-1.227	
>			(0.610)
>	(0.631)	(0.636)	
>			(-2.339)
>	(-1.943)	(-1.927)	
>			(0.019)
>	(0.052)	(0.054)	
icdx1n38			
>			-0.354*
> *	-0.429**	-0.407**	
>			(0.129)
>	(0.133)	(0.133)	
>			(-2.746)
>	(-3.230)	(-3.072)	
>			(0.006)
>	(0.001)	(0.002)	
icdx1n45			
>			-1.512
>	-2.317**	-2.182**	
>			(0.774)
>	(0.785)	(0.785)	
>			(-1.953)
>	(-2.950)	(-2.780)	
>			(0.051)
>	(0.003)	(0.005)	
icdx1n46			
>			-0.900*
>	-0.958*	-0.994*	
>			(0.424)
>	(0.416)	(0.418)	
>			(-2.125)

>	(-2.301)	(-2.381)	
>			(0.034)
>	(0.021)	(0.017)	
icdx1n49			
>			-1.099*
>	-1.222*	-1.350*	
>			(0.491)
>	(0.494)	(0.566)	
>			(-2.237)
>	(-2.474)	(-2.386)	
>			(0.025)
>	(0.013)	(0.017)	
icdx1n50			
>			0.652*
>	0.975**	0.973**	
>			(0.316)
>	(0.322)	(0.322)	
>			(2.066)
>	(3.029)	(3.025)	
>			(0.039)
>	(0.002)	(0.002)	
icdx1n62			
>			0.905*
> *	1.003**	1.011**	
>			(0.306)
>	(0.322)	(0.317)	
>			(2.957)
>	(3.119)	(3.188)	
>			(0.003)
>	(0.002)	(0.001)	
icdx1n63			
>			3.774*
> **	3.644***	3.620***	
>			(0.589)
>	(0.604)	(0.603)	
>			(6.403)
>	(6.038)	(6.000)	

```

> (0.000)
> (0.000) (0.000)
icdx1n67
> 1.781*
> ** 2.228*** 2.069***

> (0.316)
> (0.328) (0.361)

> (5.637)
> (6.788) (5.727)

> (0.000)
> (0.000) (0.000)
icdx1n70
> 1.325*
> * 1.429** 1.436**

> (0.466)
> (0.480) (0.489)

> (2.843)
> (2.976) (2.938)

> (0.004)
> (0.003) (0.003)
icdx1n76
> -0.573*
> * -0.888*** -0.817***

> (0.212)
> (0.227) (0.225)

> (-2.704)
> (-3.904) (-3.631)

> (0.007)
> (0.000) (0.000)
icdx1n77
> 3.429*
> ** 3.880*** 3.951***

> (0.497)
> (0.560) (0.567)

> (6.902)
> (6.925) (6.967)

```

```

> (0.000)
> (0.000) (0.000)
icdx1n78
> -1.954*
> ** -2.107*** -2.101***

> (0.534)
> (0.556) (0.555)

> (-3.662)
> (-3.792) (-3.784)

> (0.000)
> (0.000) (0.000)
icdx1n79
> 3.086*
> ** 3.090*** 3.099***

> (0.368)
> (0.372) (0.372)

> (8.379)
> (8.298) (8.320)

> (0.000)
> (0.000) (0.000)
icdx1n80
> 2.917*
> ** 2.835*** 2.937***

> (0.540)
> (0.557) (0.556)

> (5.404)
> (5.090) (5.282)

> (0.000)
> (0.000) (0.000)
icdx1n81
> 0.799*
> ** 0.779** 0.776***

> (0.231)
> (0.237) (0.236)

> (3.459)
> (3.290) (3.294)

> (0.001)

```

```

> (0.001) (0.001)
icdx1n82
> 0.289*
> 0.321* 0.383**
>
> (0.132)
> (0.139) (0.138)
>
> (2.195)
> (2.307) (2.777)
>
> (0.028)
> (0.021) (0.005)
icdx1n84
> 1.566*
> ** 2.141*** 2.165***
>
> (0.302)
> (0.304) (0.303)
>
> (5.186)
> (7.051) (7.144)
>
> (0.000)
> (0.000) (0.000)
icdx1n86
> -1.259*
> ** -0.892*** -0.888***
>
> (0.274)
> (0.268) (0.266)
>
> (-4.602)
> (-3.326) (-3.343)
>
> (0.000)
> (0.001) (0.001)
icdx1n88
> 2.335*
> ** 1.497** 1.475**
>
> (0.436)
> (0.465) (0.463)
>
> (5.353)
> (3.218) (3.188)
>
> (0.000)
> (0.001) (0.001)

```

```

icdx1n89
>
> **      -1.186***      -1.207***      -1.164*
>
>      (0.339)      (0.344)      (0.324)
>
>      (-3.497)      (-3.514)      (-3.589)
>
>      (0.000)
>      (0.000)      (0.000)
icdx1n90
>
> *      -0.793**      -0.813**      -0.766*
>
>      (0.261)      (0.260)      (0.250)
>
>      (-3.038)      (-3.126)      (-3.061)
>
>      (0.002)
>      (0.002)      (0.002)
icdx1n91
>
> **      1.340***      1.354***      1.553*
>
>      (0.241)      (0.240)      (0.236)
>
>      (5.559)      (5.635)      (6.593)
>
>      (0.000)
>      (0.000)      (0.000)
icdx1n92
>
> **      -2.077***      -1.971**      -2.499*
>
>      (0.627)      (0.624)      (0.628)
>
>      (-3.314)      (-3.159)      (-3.981)
>
>      (0.001)      (0.002)      (0.000)
icdx1n94

```

```

>
> **      2.125***      2.142***      2.244*
>
>      (0.557)      (0.557)      (0.550)
>
>      (3.818)      (3.847)      (4.078)
>
>      (0.000)      (0.000)      (0.000)
>
icdx1n96
>
> *      -0.435*      -0.345*      -0.451*
>
>      (0.172)      (0.169)      (0.173)
>
>      (-2.529)      (-2.038)      (-2.607)
>
>      (0.011)      (0.042)      (0.009)
>
icdx1n97
>
> *      -0.928***      -0.866***      -0.674*
>
>      (0.221)      (0.221)      (0.205)
>
>      (-4.196)      (-3.923)      (-3.283)
>
>      (0.000)      (0.000)      (0.001)
>
icdx1n98
>
> **      1.069***      1.127***      0.991*
>
>      (0.164)      (0.162)      (0.160)
>
>      (6.534)      (6.942)      (6.196)
>
>      (0.000)      (0.000)      (0.000)
>
icdx1n99
>
>      0.611*

```

>	0.602*	0.571	
>			(0.301)
>	(0.302)	(0.304)	
>			(2.030)
>	(1.991)	(1.877)	
>			(0.042)
>	(0.046)	(0.061)	
icdxln100			
>			0.437
>	0.507	0.536*	
>			(0.259)
>	(0.262)	(0.261)	
>			(1.686)
>	(1.934)	(2.052)	
>			(0.092)
>	(0.053)	(0.040)	
icdxln101			
>			-2.814*
> *	-2.386*	-2.416*	
>			(1.025)
>	(1.029)	(1.027)	
>			(-2.746)
>	(-2.319)	(-2.352)	
>			(0.006)
>	(0.020)	(0.019)	
icdxln102			
>			1.579*
> *	2.365***	2.362***	
>			(0.494)
>	(0.503)	(0.501)	
>			(3.196)
>	(4.700)	(4.709)	
>			(0.001)
>	(0.000)	(0.000)	
WHPpain			
>			
>	-0.013***	-0.013***	

```

>
>      (0.002)      (0.002)

>
>      (-5.578)      (-5.641)

>
>      (0.000)      (0.000)
WHPer
>
>      -0.008**      -0.008**

>
>      (0.003)      (0.003)

>
>      (-3.047)      (-3.024)

>
>      (0.002)      (0.002)
WHPsleep
>
>      0.002      0.002

>
>      (0.001)      (0.001)

>
>      (1.819)      (1.517)

>
>      (0.069)      (0.129)
WHPsociso
>
>      0.008***      0.007***

>
>      (0.002)      (0.002)

>
>      (4.127)      (3.973)

>
>      (0.000)      (0.000)
WHPpa
>
>      0.011***      0.012***

```

```

>
>      (0.002)      (0.002)

>
>      (4.345)      (4.766)

>
>      (0.000)      (0.000)
HP2hmcare
>
>      0.132      0.127

>
>      (0.077)      (0.077)

>
>      (1.712)      (1.642)

>
>      (0.087)      (0.101)
HP2sxlife
>
>      -0.411***      -0.418***

>
>      (0.082)      (0.082)

>
>      (-5.046)      (-5.118)

>
>      (0.000)      (0.000)
HP2inthob
>
>      0.573***      0.592***

>
>      (0.100)      (0.100)

>
>      (5.720)      (5.921)

>
>      (0.000)      (0.000)
HP2vacatn
>
>      -0.278**      -0.272**

>

```

```

>          (0.102)          (0.102)
>
>          (-2.723)         (-2.665)
>
>          (0.006)          (0.008)
BSItotal
>
>          0.021***          0.020***
>
>          (0.004)          (0.004)
>
>          (5.072)          (4.759)
>
>          (0.000)          (0.000)
BSIoc
>
>          -0.054***         -0.053***
>
>          (0.013)          (0.013)
>
>          (-4.145)         (-4.078)
>
>          (0.000)          (0.000)
BSIphanx
>
>          -0.082***         -0.082***
>
>          (0.014)          (0.014)
>
>          (-5.823)         (-5.908)
>
>          (0.000)          (0.000)
BSIpar
>
>          -0.042**          -0.037**
>
>          (0.014)          (0.014)

```

```

>
>      (-3.093)      (-2.719)

>
>      (0.002)      (0.007)
BSIpsyc
>
>      0.037*      0.043*

>
>      (0.018)      (0.018)

>
>      (2.001)      (2.346)

>
>      (0.045)      (0.019)
MiPTSD
>
>      0.005      0.006

>
>      (0.004)      (0.003)

>
>      (1.314)      (1.666)

>
>      (0.189)      (0.096)
maxcumdosew3
>
>      0.009

>
>      (0.010)

>
>      (0.889)

>
>      (0.374)
_cons      -3.128***      -3.011***      -4.218***      -5.144***
>      -5.931***      -5.461***      -5.366***      -6.412***      -5.100*
> **      -5.616***      -5.903***

>      (0.248)      (0.304)      (0.372)      (0.411)
>      (0.420)      (0.471)      (0.479)      (0.502)      (0.511)
>      (0.534)      (0.529)

>      (-12.591)      (-9.900)      (-11.348)      (-12.506)

```

>	(-14.113)	(-11.605)	(-11.193)	(-12.765)	(-9.980)
>	(-10.508)	(-11.151)			
		(0.000)	(0.000)	(0.000)	(0.000)
>	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
>	(0.000)	(0.000)			

nagekerke--2	0.217	0.280	0.305	0.385
>	0.389	0.404	0.414	0.428
>	0.474	0.473		
McFadden-R^2	0.150	0.198	0.217	0.283
>	0.286	0.298	0.307	0.319
>	0.356	0.355		
log-likeli~d	-8800.229	-8301.037	-8059.287	-7349.836
>	-7243.678	-7121.321	-6981.716	-6840.232
>	-6115.579	-6126.105		
BIC	18378.741	17599.872	17245.608	16085.239
>	15851.801	15617.045	15406.498	15143.015
>	14132.062	14143.264		
NumParms	78	100	113	139
>	137	138	145	147
>	193	192		
N	21547	21547	21456	21335
>	21151	21151	20998	20938
>	18944	18944		18914
LRchi2		998.385	483.500	
>	244.715			
>				
LRdf		22	13	
>	1			
>				
LRp		4.3e-197	4.66e-95	
>	3.69e-55			
>				

* p<0.05, ** p<0.01, *** p<0.001

```
74 . est stats _all
```

Model	Obs	ll(null)	ll(model)	df	AIC	BIC
<u>bothgeo</u>	21547	-10347.97	-8800.229	78	17756.46	18378.74
<u>bothdemsocio</u>	21547	-10347.97	-8301.037	100	16802.07	17599.87
<u>bothfam</u>	21456	-10295.29	-8059.287	113	16344.57	17245.61
<u>bothBigNeg~s</u>	21335	-10245.3	-7349.836	139	14977.67	16085.24
<u>support</u>	21151	-10149.85	-7243.678	137	14761.36	15851.8
<u>genHealth</u>	21151	-10149.85	-7121.321	138	14518.64	15617.05
<u>smkgDrnkgP~s</u>	20998	-10074.07	-6981.716	145	14253.43	15406.5
<u>mddx1</u>	20938	-10046.97	-6840.232	147	13974.46	15143.01
<u>mddx2</u>	18914	-9473.2	-6184.221	184	12736.44	14180.41
<u>PsychHealth</u>	18944	-9492.363	-6115.579	193	12617.16	14132.06
<u>rad_dose</u>	18944	-9492.363	-6126.105	192	12636.21	14143.26

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

```
75 . log close _all
      name: <unnamed>
      log: /Users/robertyaffee/Documents/data/research/chwk/phase2/data/surv
> /wk/TrimmedModelbothsexesDiscreteTimeLogistic3.smcl
      log type: smcl
      closed on: 28 Nov 2011, 15:41:47
```