ONLINE APPENDIX

to accompany

Demand for Environmental Policies to Improve Health: Evaluating Community-Level Policy Scenarios

ONLINE APPENDIX A

Table A1: Marginal Distributions for Sample and Population

	Percentage of Total		
	Census 2000: All Households	Census 2000: Households Age 25+	Estimating Sample (age 24+)
Gender			
Male	49		48.2
Female	51		51.8
Age			
Under 5 years	6.8	0	0.0
5 to 9 years	7.3	0	0.0
10 to 14 years	7.3	0	0.0
15 to 19 years	7.1	0	0.0
20 to 24 years	6.8	0	1.4*
25 to 34 years	14.1	21.7	16.8
35 to 44 years	16.3	25.1	23.3
45 to 54 years	13.4	20.6	21.3
55 to 59 years	4.8	7.4	9.2
60 to 64 years	3.8	5.9	8.3
65 to 74 years	6.6	10.2	13.1
75 to 84 years	4.4	6.8	5.7
85 years and over	1.5	2.3	1.0
			*all 24 years old
Household Size			
1-person household	25.8		18.7
2-person household	32.6		41.1
3-person household	16.5		18.6
4-person household	14.2		12.9
5-person household	6.6		5.8
6-person household	2.5		2.1
7-or-more-person household	1.8		0.9
Educational Attainment			
Less than high school		19.6	12.7
High school graduate		28.6	32.6
Some college		27.3	27.2
College graduate or more		24.4	27.5
Race			
White, Non-Hispanic	69.1		77.9
Black, Non-Hispanic	12.0		9.5
Other, Non-Hispanic	6.4		5.0
Hispanic	12.5		7.7
Household Income			
Less than $10,000	9.5		7.3
$10,000 to $14,999	6.3		5.8
$15,000 to $24,999	12.8		12.5
$25,000 to $34,999	12.8		13.8
$35,000 to $49,999	16.5		21.1
$50,000 to $74,999	19.5		21.2
$75,000 to $99,999	10.2		9.9
$100,000 or more	12.3		8.3

Table A2: Design Matrix for Illness and Death Reductions

		Cross-Tabulation ($Seeill_i$=1)										$Seeill_i$ =1	$Seeill_i$ =0
		Illnesses											
		0	5	25	50	100	200	500	1000	2,500	5,000	Total	Total
Deaths	0	134	84	136	102	90	163	165	80	45	134	1133	1,133
	5	307	920	625	635	337	255	305	193	48	214	3,839	5,547
	10	201	130	192	158	221	263	208	86	47	136	1,642	2,470
	25	126	66	118	120	269	198	209	120	50	163	1,439	2,104
	50	46	0	56	78	130	109	192	101	47	134	893	1,265
	100	0	0	35	43	60	104	129	63	48	116	598	882
	200	0	0	0	41	25	66	174	63	39	144	552	831
	500	0	0	0	0	21	52	92	69	38	80	352	499
	1,000	0	0	0	0	0	13	51	18	23	70	175	262
	5,000	0	0	0	0	0	0	24	0	10	53	87	119
	Total	814	1,200	1,162	1,177	1,153	1,223	1,549	793	395	1,244	10,710	15,112

Figure 3 - Example of a choice set without "Illness" information, but including "Baseline" information (**1**(SeeIll)=0, **1**(SeeBase)=1); omits rows (3) and (4).

Recall that these two policies will be implemented for the 50,000 people living around you.

Would you be most willing to pay for policy A, policy B, or neither of them?

		Policy A	**Policy B**
(1)		reduces air pollutants that cause heart disease	reduces pesticides in foods that cause adult leukemia
(2)	Policy in effect	over 20 years	over 25 years
(5)	Without policy With policy	220 will die only 20 will die	6 will die only 1 will die
(6)	**Deaths Prevented**	**200 fewer deaths over 20 years**	**5 fewer deaths over 25 years**
(7)	**Cost to you**	$90 per month (= $1,080 per year for 20 years)	$25 per month (= $300 per year for 25 years)
(8)	**Your choice**	○ Policy A reduces air pollutants that cause heart disease	○ Policy B reduces pesticides in foods that cause adult leukemia
		○ Neither Policy	

Figure 4 - Example of a choice set without "Baseline" information, but including "Illness" information (**1**(SeeIll)=1, **1**(SeeBase)=0); omits rows (3) and (5)

Recall that these two policies will be implemented for the 50,000 people living around you.

Would you be most willing to pay for policy A, policy B, or neither of them?

		Policy A	**Policy B**
(1)		reduces air pollutants that cause heart disease	reduces pesticides in foods that cause adult leukemia
(2)	Policy in effect	over 20 years	over 25 years
(4)	**Cases Prevented**	**1,000 fewer cases**	**25 fewer cases**
(6)	**Deaths Prevented**	**200 fewer deaths over 20 years**	**5 fewer deaths over 25 years**
(7)	**Cost to you**	$90 per month (= $1,080 per year for 20 years)	$25 per month (= $300 per year for 25 years)
(8)	**Your choice**	○ Policy A reduces air pollutants that cause heart disease	○ Policy B reduces pesticides in foods that cause adult leukemia
		○ Neither Policy	

Complete Stata conditional logit estimates behind the selected results in Table 4

```
. clogit best ycost si_ycost frmd_ycost frmd_lillred lillorig_lillred pest_lillred
tapwtr_lillred  air_lillred road_lillred pest_ldthred tapwtr_ldthred air_ldthred
road_ldthred pest_lillred_ldthred tapwtr_lillred_ldthred air_lillred_ldthred
road_lillred_ldthred pest_ldur tapwtr_ldur air_ldur road_ldur lpop pest_prog tapwtr_prog
air_prog road_prog, group(choice);

Iteration 0:   log likelihood =  -8039.928
…Iteration 3:   log likelihood = -7988.6763

Conditional (fixed-effects) logistic regression   Number of obs   =      22668
                                                  LR chi2(26)     =     624.88
                                                  Prob > chi2     =     0.0000
Log likelihood = -7988.6763                       Pseudo R2       =     0.0376
------------------------------------------------------------------------------
        best |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
       ycost |   4.536781   1.030481     4.40   0.000     2.517075    6.556488
    si_ycost |   3.494394   .9979515     3.50   0.000     1.538445    5.450343
  frmd_ycost |  -2.368102   .8833261    -2.68   0.007     -4.09939   -.6368151
frmd_lillred |   .0635154   .0327943     1.94   0.053    -.0007602     .127791
lillori~lred |  -.0111968    .003827    -2.93   0.003    -.0186975   -.0036961
pest_lillred |   .1163942   .0302513     3.85   0.000     .0571027    .1756856
tapwtr_~lred |   .1091543   .0306839     3.56   0.000     .0490149    .1692937
 air_lillred |   .1224351   .0188786     6.49   0.000     .0854338    .1594364
road_lillred |   .1331406   .0357222     3.73   0.000     .0631264    .2031549
pest_ldthred |    .208437   .0463137     4.50   0.000     .1176638    .2992102
tapwtr_ldt~d |   .2166401    .047431     4.57   0.000      .123677    .3096032
 air_ldthred |   .2003415   .0278979     7.18   0.000     .1456626    .2550203
road_ldthred |   .2438515   .0558886     4.36   0.000     .1343119    .3533911
pest_li~hred |  -.0131496   .0084108    -1.56   0.118    -.0296345    .0033352
tapwtr_lil.. |  -.0136213   .0085468    -1.59   0.111    -.0303727       .00313
air_lil~hred |  -.0165205   .0050526    -3.27   0.001    -.0264235   -.0066175
road_li~hred |  -.0156323   .0099017    -1.58   0.114    -.0350392    .0037746
   pest_ldur |  -.1737812   .0534913    -3.25   0.001    -.2786222   -.0689402
 tapwtr_ldur |  -.0698104   .0533975    -1.31   0.191    -.1744677    .0348468
    air_ldur |   -.192212   .0322191    -5.97   0.000    -.2553602   -.1290638
   road_ldur |  -.2075387   .0641906    -3.23   0.001    -.3333499   -.0817275
        lpop |  -.0487339   .0136022    -3.58   0.000    -.0753937   -.0220741
   pest_prog |   .1341891    .244586     0.55   0.583    -.3451907    .6135689
 tapwtr_prog |  -.2251418   .2473823    -0.91   0.363    -.7100022    .2597186
    air_prog |    .081305   .1870856     0.43   0.664    -.2853761    .4479862
   road_prog |  -.1528612   .2797666    -0.55   0.585    -.7011936    .3954712
------------------------------------------------------------------------------

. test pest_lillred= tapwtr_lillred= air_lillred= road_lillred;

 ( 1)  [best]pest_lillred - [best]tapwtr_lillred = 0
 ( 2)  [best]pest_lillred - [best]air_lillred = 0
 ( 3)  [best]pest_lillred - [best]road_lillred = 0
           chi2(  3) =    0.31
         Prob > chi2 =    0.9591

. test pest_ldthred= tapwtr_ldthred= air_ldthred= road_ldthred;

 ( 1)  [best]pest_ldthred - [best]tapwtr_ldthred = 0
 ( 2)  [best]pest_ldthred - [best]air_ldthred = 0
 ( 3)  [best]pest_ldthred - [best]road_ldthred = 0
           chi2(  3) =    0.54
```

```
         Prob > chi2 =    0.9099

. test pest_lillred_ldthred= tapwtr_lillred_ldthred= air_lillred_ldthred=
road_lillred_ldthred;

 ( 1)  [best]pest_lillred_ldthred - [best]tapwtr_lillred_ldthred = 0
 ( 2)  [best]pest_lillred_ldthred - [best]air_lillred_ldthred = 0
 ( 3)  [best]pest_lillred_ldthred - [best]road_lillred_ldthred = 0
           chi2(  3) =    0.17
         Prob > chi2 =    0.9818

. test pest_ldur= tapwtr_ldur= air_ldur= road_ldur;

 ( 1)  [best]pest_ldur - [best]tapwtr_ldur = 0
 ( 2)  [best]pest_ldur - [best]air_ldur = 0
 ( 3)  [best]pest_ldur - [best]road_ldur = 0
           chi2(  3) =    4.35
         Prob > chi2 =    0.2257

. test pest_prog= tapwtr_prog= air_prog= road_prog;

 ( 1)  [best]pest_prog - [best]tapwtr_prog = 0
 ( 2)  [best]pest_prog - [best]air_prog = 0
 ( 3)  [best]pest_prog - [best]road_prog = 0
           chi2(  3) =    2.68
         Prob > chi2 =    0.4439
```

Complete Stata conditional logit estimates behind the selected results in Table 6

```
. clogit best ycost si_ycost frmd_ycost frmd_lillred lillorig_lillred cr_p_lillred
lk_c_p_lillred cb_p_lillred lk_p_lillred as_p_lillred lc_p_lillred as_c_p_lillred
hd_p_lillred ha_p_lillred st_p_lillred rd_p_lillred ta_p_lillred cr_p_ldthred
lk_c_p_ldthred cb_p_ldthred lk_p_ldthred as_p_ldthred lc_p_ldthred as_c_p_ldthred
hd_p_ldthred ha_p_ldthred st_p_ldthred rd_p_ldthred ta_p_ldthred cr_p_lillred_ldthred
lk_c_p_lillred_ldthred cb_p_lillred_ldthred lk_p_lillred_ldthred as_p_l illred_ldthred
lc_p_lillred_ldthred as_c_p_lillred_ldthred hd_p_lillred_ldthred ha_p_lillred_ldthred
st_p_lillred_ldthred rd_p_lillred_ldthred ta_p_lillred_ldthred cr_p_ldur lk_c_p_ldur
cb_p_ldur lk_p_ldur as_p_ldur lc_p_ldur as_c_p_ldur hd_p_ldur ha_p_ldur st_p_ldur
rd_p_ldur ta_p_ldur lpop cr_p_prog lk_c_p_prog cb_p_prog lk_p_prog as_p_prog lc_p_prog
as_c_p_prog hd_p_prog ha_p_pr og st_p_prog rd_p_prog ta_p_prog, group(choice);

Iteration 0:   log likelihood = -7927.2177
…Iteration 3:   log likelihood = -7876.3429

Conditional (fixed-effects) logistic regression   Number of obs   =      22668
                                                  LR chi2(66)     =     849.54
                                                  Prob > chi2     =     0.0000
Log likelihood = -7876.3429                       Pseudo R2       =     0.0512
------------------------------------------------------------------------------
        best |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
       ycost |   4.667858   1.044314     4.47   0.000     2.621039    6.714676
    si_ycost |   3.234088   1.009986     3.20   0.001     1.254551    5.213624
  frmd_ycost |  -2.295923   .8924215    -2.57   0.010    -4.045037   -.5468092
frmd_lillred |   .0702438   .0330364     2.13   0.033     .0054936    .1349939
lillori~lred |  -.0120645   .0038576    -3.13   0.002    -.0196252   -.0045038
cr_p_lillred |   .1154957   .0426366     2.71   0.007     .0319295    .1990619
lk_c_p_~lred |   .1035071   .0426715     2.43   0.015     .0198725    .1871416
cb_p_lillred |    .160473   .0480546     3.34   0.001     .0662876    .2546584
```

```
lk_p_lillred |   .0752658   .0510417     1.47   0.140    -.0247741    .1753058
as_p_lillred |   .1275267   .0492785     2.59   0.010     .0309427    .2241108
lc_p_lillred |    .168387   .0480556     3.50   0.000     .0741996    .2625743
as_c_p_~lred |   .1337182   .0406058     3.29   0.001     .0541323     .213304
hd_p_lillred |   .0973459   .0451966     2.15   0.031     .0087621    .1859297
ha_p_lillred |   .0984264   .0464096     2.12   0.034     .0074652    .1893876
st_p_lillred |   .1317429   .0505258     2.61   0.009     .0327141    .2307716
rd_p_lillred |   .0971251   .0465157     2.09   0.037     .0059561    .1882941
ta_p_lillred |   .1328496   .0358299     3.71   0.000     .0626243     .203075
cr_p_ldthred |   .2137636   .0696559     3.07   0.002     .0772405    .3502867
lk_c_p_ldt~d |   .2478019   .0606254     4.09   0.000     .1289783    .3666254
cb_p_ldthred |   .3295583   .0710165     4.64   0.000     .1903685    .4687481
lk_p_ldthred |   .1177657   .0816655     1.44   0.149    -.0422957    .2778271
as_p_ldthred |   .2228489   .0706971     3.15   0.002     .0842851    .3614127
lc_p_ldthred |   .2627519   .0732802     3.59   0.000     .1191253    .4063784
as_c_p_ldt~d |   .1992446   .0619173     3.22   0.001     .0778888    .3206003
hd_p_ldthred |    .180381   .0667647     2.70   0.007     .0495247    .3112374
ha_p_ldthred |   .2153755   .0643704     3.35   0.001     .0892119    .3415392
st_p_ldthred |   .1767068   .0784585     2.25   0.024     .0229309    .3304828
rd_p_ldthred |   .1559655   .0689606     2.26   0.024     .0208052    .2911258
ta_p_ldthred |   .2481019   .0560897     4.42   0.000     .1381681    .3580356
cr_p_li~hred |   -.022236   .0125962    -1.77   0.078    -.0469242    .0024521
lk_c_p_lil.. |  -.0151577   .0119782    -1.27   0.206    -.0386345     .008319
cb_p_li~hred |  -.0350804   .0129882    -2.70   0.007    -.0605369    -.009624
lk_p_li~hred |   .0145331   .0140525     1.03   0.301    -.0130094    .0420756
as_p_li~hred |  -.0220399   .0132376    -1.66   0.096     -.047985    .0039052
lc_p_li~hred |  -.0230808   .0134234    -1.72   0.086    -.0493901    .0032285
as_c_p_lil.. |  -.0218469   .0115379    -1.89   0.058    -.0444607    .0007669
hd_p_li~hred |  -.0084036   .0122206    -0.69   0.492    -.0323555    .0155483
ha_p_li~hred |  -.0154278   .0122729    -1.26   0.209    -.0394822    .0086267
st_p_li~hred |  -.0110408   .0139643    -0.79   0.429    -.0384103    .0163287
rd_p_li~hred |  -.0099848    .012715    -0.79   0.432    -.0349058    .0149362
ta_p_li~hred |  -.0162262   .0099355    -1.63   0.102    -.0356994    .0032469
   cr_p_ldur |  -.0768427   .0791411    -0.97   0.332    -.2319563    .0782709
 lk_c_p_ldur |  -.1876676   .0736964    -2.55   0.011      -.33211   -.0432252
   cb_p_ldur |  -.1351314   .0844613    -1.60   0.110    -.3006725    .0304097
   lk_p_ldur |  -.2242092   .0862221    -2.60   0.009    -.3932013   -.0552171
   as_p_ldur |  -.2233571    .089033    -2.51   0.012    -.3978587   -.0488555
   lc_p_ldur |  -.1092166   .0859149    -1.27   0.204    -.2776066    .0591735
 as_c_p_ldur |  -.0927293   .0734758    -1.26   0.207    -.2367392    .0512805
   hd_p_ldur |  -.2028589   .0805285    -2.52   0.012    -.3606919   -.0450259
   ha_p_ldur |  -.2019606   .0847946    -2.38   0.017    -.3681549   -.0357663
   st_p_ldur |   -.124262   .0896702    -1.39   0.166    -.3000124    .0514884
   rd_p_ldur |  -.3243263   .0850431    -3.81   0.000    -.4910078   -.1576448
   ta_p_ldur |  -.2055175   .0642617    -3.20   0.001    -.3314682   -.0795668
        lpop |  -.0478312   .0136477    -3.50   0.000    -.0745802   -.0210821
   cr_p_prog |   .1722547   .3295166     0.52   0.601    -.4735859    .8180953
 lk_c_p_prog |   .2944252   .3012585     0.98   0.328    -.2960307     .884881
   cb_p_prog |  -.2004063   .3457369    -0.58   0.562    -.8780382    .4772256
   lk_p_prog |  -.1807436   .3537044    -0.51   0.609    -.8739913    .5125042
   as_p_prog |  -.3333936   .3519991    -0.95   0.344    -1.023299    .3565119
   lc_p_prog |  -.3820471   .3483798    -1.10   0.273    -1.064859    .3007647
 as_c_p_prog |    .104605   .2972579     0.35   0.725    -.4780099    .6872198
   hd_p_prog |   .2444942   .3151145     0.78   0.438    -.3731188    .8621072
   ha_p_prog |   .1033986   .3205595     0.32   0.747    -.5248866    .7316837
   st_p_prog |  -.3608259   .3670037    -0.98   0.326     -1.08014    .3584881
   rd_p_prog |   .5569484   .3299184     1.69   0.091    -.0896797    1.203576
   ta_p_prog |  -.1715529    .280489    -0.61   0.541    -.7213013    .3781955
------------------------------------------------------------------------------
```

```
. test cr_p_lillred= lk_c_p_lillred= cb_p_lillred= lk_p_lillred= as_p_lillred=
lc_p_lillred= as_c_p_lillred= hd_p_lillred= ha_p_lillred= s t_p_lillred=
rd_p_lillred=ta_p_lillred;

 ( 1)  [best]cr_p_lillred - [best]lk_c_p_lillred = 0
 ( 2)  [best]cr_p_lillred - [best]cb_p_lillred = 0
 ( 3)  [best]cr_p_lillred - [best]lk_p_lillred = 0
 ( 4)  [best]cr_p_lillred - [best]as_p_lillred = 0
 ( 5)  [best]cr_p_lillred - [best]lc_p_lillred = 0
 ( 6)  [best]cr_p_lillred - [best]as_c_p_lillred = 0
 ( 7)  [best]cr_p_lillred - [best]hd_p_lillred = 0
 ( 8)  [best]cr_p_lillred - [best]ha_p_lillred = 0
 ( 9)  [best]cr_p_lillred - [best]st_p_lillred = 0
 (10)  [best]cr_p_lillred - [best]rd_p_lillred = 0
 (11)  [best]cr_p_lillred - [best]ta_p_lillred = 0
           chi2( 11) =    3.72
         Prob > chi2 =    0.9773

. test cr_p_ldthred= lk_c_p_ldthred= cb_p_ldthred= lk_p_ldthred= as_p_ldthred=
lc_p_ldthred= as_c_p_ldthred= hd_p_ldthred= ha_p_ldthred= s t_p_ldthred=
rd_p_ldthred=ta_p_ldthred;

 ( 1)  [best]cr_p_ldthred - [best]lk_c_p_ldthred = 0
 ( 2)  [best]cr_p_ldthred - [best]cb_p_ldthred = 0
 ( 3)  [best]cr_p_ldthred - [best]lk_p_ldthred = 0
 ( 4)  [best]cr_p_ldthred - [best]as_p_ldthred = 0
 ( 5)  [best]cr_p_ldthred - [best]lc_p_ldthred = 0
 ( 6)  [best]cr_p_ldthred - [best]as_c_p_ldthred = 0
 ( 7)  [best]cr_p_ldthred - [best]hd_p_ldthred = 0
 ( 8)  [best]cr_p_ldthred - [best]ha_p_ldthred = 0
 ( 9)  [best]cr_p_ldthred - [best]st_p_ldthred = 0
 (10)  [best]cr_p_ldthred - [best]rd_p_ldthred = 0
 (11)  [best]cr_p_ldthred - [best]ta_p_ldthred = 0
           chi2( 11) =    6.58
         Prob > chi2 =    0.8321

. test cr_p_lillred_ldthred= lk_c_p_lillred_ldthred= cb_p_lillred_ldthred=
lk_p_lillred_ldthred= as_p_lillred_ldthred= lc_p_lillred_ldthre d=
as_c_p_lillred_ldthred= hd_p_lillred_ldthred= ha_p_lillred_ldthred= st_p_lillred_ldthred=
rd_p_lillred_ldthred= ta_p_lillred_ldthred;

 ( 1)  [best]cr_p_lillred_ldthred - [best]lk_c_p_lillred_ldthred = 0
 ( 2)  [best]cr_p_lillred_ldthred - [best]cb_p_lillred_ldthred = 0
 ( 3)  [best]cr_p_lillred_ldthred - [best]lk_p_lillred_ldthred = 0
 ( 4)  [best]cr_p_lillred_ldthred - [best]as_p_lillred_ldthred = 0
 ( 5)  [best]cr_p_lillred_ldthred - [best]lc_p_lillred_ldthred = 0
 ( 6)  [best]cr_p_lillred_ldthred - [best]as_c_p_lillred_ldthred = 0
 ( 7)  [best]cr_p_lillred_ldthred - [best]hd_p_lillred_ldthred = 0
 ( 8)  [best]cr_p_lillred_ldthred - [best]ha_p_lillred_ldthred = 0
 ( 9)  [best]cr_p_lillred_ldthred - [best]st_p_lillred_ldthred = 0
 (10)  [best]cr_p_lillred_ldthred - [best]rd_p_lillred_ldthred = 0
 (11)  [best]cr_p_lillred_ldthred - [best]ta_p_lillred_ldthred = 0
           chi2( 11) =    8.75
         Prob > chi2 =    0.6449

. test cr_p_ldur= lk_c_p_ldur= cb_p_ldur= lk_p_ldur= as_p_ldur= lc_p_ldur= as_c_p_ldur=
hd_p_ldur= ha_p_ldur= st_p_ldur= rd_p_ldur=ta_p_ld ur;

 ( 1)  [best]cr_p_ldur - [best]lk_c_p_ldur = 0
 ( 2)  [best]cr_p_ldur - [best]cb_p_ldur = 0
 ( 3)  [best]cr_p_ldur - [best]lk_p_ldur = 0
```

```
 ( 4)  [best]cr_p_ldur - [best]as_p_ldur = 0
 ( 5)  [best]cr_p_ldur - [best]lc_p_ldur = 0
 ( 6)  [best]cr_p_ldur - [best]as_c_p_ldur = 0
 ( 7)  [best]cr_p_ldur - [best]hd_p_ldur = 0
 ( 8)  [best]cr_p_ldur - [best]ha_p_ldur = 0
 ( 9)  [best]cr_p_ldur - [best]st_p_ldur = 0
 (10)  [best]cr_p_ldur - [best]rd_p_ldur = 0
 (11)  [best]cr_p_ldur - [best]ta_p_ldur = 0
           chi2( 11) =    8.10
         Prob > chi2 =    0.7043

. test cr_p_prog= lk_c_p_prog= cb_p_prog= lk_p_prog= as_p_prog= lc_p_prog= as_c_p_prog=
hd_p_prog= ha_p_prog= st_p_prog= rd_p_prog=ta_p_pr og;

 ( 1)  [best]cr_p_prog - [best]lk_c_p_prog = 0
 ( 2)  [best]cr_p_prog - [best]cb_p_prog = 0
 ( 3)  [best]cr_p_prog - [best]lk_p_prog = 0
 ( 4)  [best]cr_p_prog - [best]as_p_prog = 0
 ( 5)  [best]cr_p_prog - [best]lc_p_prog = 0
 ( 6)  [best]cr_p_prog - [best]as_c_p_prog = 0
 ( 7)  [best]cr_p_prog - [best]hd_p_prog = 0
 ( 8)  [best]cr_p_prog - [best]ha_p_prog = 0
 ( 9)  [best]cr_p_prog - [best]st_p_prog = 0
 (10)  [best]cr_p_prog - [best]rd_p_prog = 0
 (11)  [best]cr_p_prog - [best]ta_p_prog = 0
           chi2( 11) =   11.21
         Prob > chi2 =    0.4257
```

Complete Stata conditional logit estimates behind the selected results in Table 9, Generalization 1:

```
. clogit best ycost si_ycost frmd_ycost lillred frmd_lillred lillorig_lillred ldthred
lillred_ldthred ldur lpop prog fem_prog age_prog ed_LT_HS_prog ed_BSormore_prog
LowSES_prog HighSES_prog nonwhite_prog, group(choice);

Iteration 0:   log likelihood = -8020.8092
…Iteration 3:   log likelihood = -7961.4783

Conditional (fixed-effects) logistic regression   Number of obs   =      22668
                                                  LR chi2(18)     =     679.27
                                                  Prob > chi2     =     0.0000
Log likelihood = -7961.4783                       Pseudo R2       =     0.0409

------------------------------------------------------------------------------
        best |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
       ycost |   4.737338   1.033503     4.58   0.000     2.711709    6.762966
    si_ycost |   3.309872   1.001265     3.31   0.001      1.34743    5.272315
  frmd_ycost |  -2.369269   .8859533    -2.67   0.007    -4.105706   -.6328328
     lillred |   .1235837    .014276     8.66   0.000     .0956033    .1515641
frmd_lillred |    .055818   .0328872     1.70   0.090    -.0086398    .1202758
lillori~lred |   -.010679   .0038333    -2.79   0.005    -.0181922   -.0031658
     ldthred |   .2104601   .0218273     9.64   0.000     .1676795    .2532408
lillred_ld~d |  -.0154563   .0038058    -4.06   0.000    -.0229157    -.007997
        ldur |  -.1678774    .022919    -7.32   0.000    -.2127978    -.122957
        lpop |  -.0449825   .0137116    -3.28   0.001    -.0718569   -.0181082
        prog |   .0407983   .1964631     0.21   0.835    -.3442622    .4258589
    fem_prog |   .0376822   .0475229     0.79   0.428     -.055461    .1308255
    age_prog |  -.0051227   .0016537    -3.10   0.002     -.008364   -.0018814
ed_LT_HS_p~g |   .1452718   .0758704     1.91   0.056    -.0034314     .293975
```

```
ed_BSormor~g |   .4189871   .0572959     7.31   0.000     .3066892    .5312849
 LowSES_prog |   .0806171   .0616347     1.31   0.191    -.0401848    .2014189
HighSES_prog |  -.0821484   .0607006    -1.35   0.176    -.2011194    .0368227
nonwhite_p~g |   .1353793   .0588299     2.30   0.021     .0200747    .2506839
------------------------------------------------------------------------------
```

Complete Stata conditional logit estimates behind the selected results in Table 9, Generalization 2:

```
. clogit best ycost si_ycost frmd_ycost lillred frmd_lillred lillorig_lillred ldthred
lillred_ldthred ldur lpop prog fam_prog sing_prog lived_prog lngtm_prog kids_prog,
group(choice);

Iteration 0:   log likelihood = -7938.8807
…Iteration 3:   log likelihood = -7881.8132

Conditional (fixed-effects) logistic regression   Number of obs   =      22425
                                                  LR chi2(16)     =     660.63
                                                  Prob > chi2     =     0.0000
Log likelihood = -7881.8132                       Pseudo R2       =     0.0402

------------------------------------------------------------------------------
        best |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
       ycost |   4.829448   1.041207     4.64   0.000      2.78872    6.870176
    si_ycost |   3.383965   1.006422     3.36   0.001     1.411414    5.356516
  frmd_ycost |  -2.543113   .8906646    -2.86   0.004    -4.288783   -.7974423
     lillred |   .1198292   .0142993     8.38   0.000      .091803    .1478553
frmd_lillred |   .0635352   .0330876     1.92   0.055    -.0013154    .1283858
lillori~lred |  -.0108711   .0038537    -2.82   0.005    -.0184242    -.003318
     ldthred |   .2097432    .021951     9.56   0.000       .16672    .2527664
lillred_ld~d |  -.0154164   .0038278    -4.03   0.000    -.0229188    -.007914
        ldur |  -.1697778   .0230373    -7.37   0.000    -.2149301   -.1246255
        lpop |  -.0478003   .0137664    -3.47   0.001    -.0747819   -.0208187
        prog |   .2451627   .1775427     1.38   0.167    -.1028146    .5931399
    fam_prog |  -.0212801   .0522996    -0.41   0.684    -.1237854    .0812253
   sing_prog |   .2242098   .0697107     3.22   0.001     .0875792    .3608403
  lived_prog |  -.0029507   .0014776    -2.00   0.046    -.0058467   -.0000547
  lngtm_prog |  -.2985513   .0551765    -5.41   0.000    -.4066952   -.1904073
   kids_prog |   .0671528   .0536065     1.25   0.210    -.0379141    .1722197
------------------------------------------------------------------------------
```

Complete Stata conditional logit estimates behind the selected results in Table 9, Generalization 3:

```
. clogit best ycost si_ycost frmd_ycost lillred frmd_lillred lillorig_lillred ldthred
lillred_ldthred ldur lpop prog benH_prog benL_prog GH_prog GL_prog, group(choice);
note: 65 groups (85 obs) dropped due to all positive or
      all negative outcomes.

Iteration 0:   log likelihood = -6860.8806
…Iteration 3:   log likelihood = -6714.9486

Conditional (fixed-effects) logistic regression   Number of obs   =      22148
                                                  LR chi2(15)     =    2779.15
                                                  Prob > chi2     =     0.0000
Log likelihood = -6714.9486                       Pseudo R2       =     0.1715

------------------------------------------------------------------------------
```

```
        best |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
       ycost |   4.994538   1.132765     4.41   0.000      2.77436    7.214715
    si_ycost |   4.019628   1.099365     3.66   0.000     1.864912    6.174344
  frmd_ycost |  -2.619886   .9730054    -2.69   0.007    -4.526941   -.7128304
     lillred |   .1272933   .0156097     8.15   0.000     .0966989    .1578877
frmd_lillred |   .0819569   .0357704     2.29   0.022     .0118483    .1520655
lillori~lred |  -.0133822   .0041558    -3.22   0.001    -.0215275   -.0052369
     ldthred |   .2104523   .0240465     8.75   0.000      .163322    .2575827
lillred_ld~d |  -.0155527     .00417    -3.73   0.000    -.0237258   -.0073796
        ldur |  -.1714397   .0251245    -6.82   0.000    -.2206827   -.1221967
        lpop |  -.0535841   .0151867    -3.53   0.000    -.0833494   -.0238187
        prog |   .1168673   .1947407     0.60   0.548    -.2648175    .4985521
   benH_prog |   1.288549    .055444    23.24   0.000     1.179881    1.397217
   benL_prog |  -1.165127   .0570063   -20.44   0.000    -1.276858   -1.053397
     GH_prog |   .1160062   .0550663     2.11   0.035     .0080783    .2239341
     GL_prog |  -.5001237   .1059796    -4.72   0.000    -.7078399   -.2924075
------------------------------------------------------------------------------
```

Complete Stata conditional logit estimates behind the selected results in Table 9, Generalization 4:

```
. clogit best ycost si_ycost frmd_ycost lillred frmd_lillred lillorig_lillred ldthred
lillred_ldthred ldur lpop prog own_prog ff_prog atr_Low_prog atr_High_prog con_Low_prog
con_High_prog rcv_Low_prog rcv_High_prog com_Low_prog com_High_prog, group(choice);

Iteration 0:   log likelihood = -8001.9364
…Iteration 3:   log likelihood = -7945.4176

Conditional (fixed-effects) logistic regression   Number of obs   =      22668
                                                  LR chi2(21)     =     711.39
                                                  Prob > chi2     =     0.0000
Log likelihood = -7945.4176                       Pseudo R2       =     0.0428

------------------------------------------------------------------------------
        best |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
       ycost |   4.713596   1.033375     4.56   0.000     2.688218    6.738974
    si_ycost |   3.352561   1.001134     3.35   0.001     1.390373    5.314748
  frmd_ycost |   -2.43383   .8869758    -2.74   0.006    -4.172271   -.6953898
     lillred |   .1213109   .0142816     8.49   0.000     .0933195    .1493024
frmd_lillred |   .0650623   .0328267     1.98   0.047     .0007231    .1294016
lillori~lred |  -.0113695   .0038274    -2.97   0.003    -.0188711   -.0038679
     ldthred |   .2107647   .0218921     9.63   0.000     .1678571    .2536724
lillred_ld~d |  -.0153388   .0038151    -4.02   0.000    -.0228163   -.0078613
        ldur |  -.1686805   .0229661    -7.34   0.000    -.2136933   -.1236678
        lpop |  -.0518376   .0136756    -3.79   0.000    -.0786414   -.0250339
        prog |   .0060006   .1814515     0.03   0.974    -.3496379     .361639
    own_prog |    .147762   .0694819     2.13   0.033     .0115799    .2839441
     ff_prog |  -.0252727   .0435954    -0.58   0.562    -.1107182    .0601728
atr_Low_prog |  -.0519973   .0502815    -1.03   0.301    -.1505472    .0465527
atr_High_p~g |   .0993201   .0572924     1.73   0.083    -.0129709     .211611
con_Low_prog |   .0008889   .0525881     0.02   0.987    -.1021819    .1039597
con_High_p~g |   .1895902   .0585704     3.24   0.001     .0747942    .3043861
rcv_Low_prog |   .0208593   .0519425     0.40   0.688    -.0809461    .1226647
rcv_High_p~g |   .0807041   .0496967     1.62   0.104    -.0166997    .1781078
com_Low_prog |  -.3148186   .0575209    -5.47   0.000    -.4275576   -.2020796
com_High_p~g |   .0572037   .0489216     1.17   0.242    -.0386809    .1530883
------------------------------------------------------------------------------
```