Spain Result

|-> RESET

O---------------------------------------------------------O

| NLOGIT 5 (tm) Mar 06, 2017, 08:38:27PM |

| Econometric Software, Inc. Copyright 1986-2012 |

| Plainview, New York 11803 |

| Registered to Joanna Karavolias |

| University of Florida |

| Registration Number 1206-0012703-LSL |

O---------------------------------------------------------O

-------Initializing NLOGIT Version 5 (May 1, 2012)--------

-----------------------------------------------------------

|-> reset$

|-> import; file="E:\GM Project copy\Choice Experiment\spain\spain\_Monsanto.csv"$

Last observation read from data file was 10881

Error 535: Warning: Name Q7\_1\_VIT was in use. Replaced with X89

Error 535: Warning: Name LOCATION was in use. Replaced with X116

Error 535: Warning: Name LOCATION was in use. Replaced with X117

|-> create; CDProd = total\_CD \* producer$

|-> create; CDPrice = total\_CD \* price$

|-> create; TechPri= total\_te \* price$

|-> create; NepPri= total\_ne \* price$

|-> create; monsanto=producer=1$

|-> create; sfc=producer=2$

|-> create; public=producer=3$

|-> create; price1=-price$

|-> RPLOGIT; Lhs = choice; Choices =A, B, C;

Model: U(A, B)=P\*Price1+Mon\*monsanto+Fam\*sfc+pub\*public+seed\*seeds/

U(C)=a+P\*Price1+Mon\*monsanto+Fam\*sfc+pub\*public+seed\*seeds;

pds=9; parameter;checkdata;

Fcn =mon(n), fam(n), pub(n), seed(n) $

+----------------------------------------------------------+

| Inspecting the data set before estimation. |

| These errors mark observations which will be skipped. |

| Row Individual = 1st row then group number of data block |

+----------------------------------------------------------+

No bad observations were found in the sample

Normal exit: 5 iterations. Status=0, F= 3560.473

-----------------------------------------------------------------------------

Start values obtained using MNL model

Dependent variable Choice

Log likelihood function -3560.47328

Estimation based on N = 3627, K = 6

Inf.Cr.AIC = 7132.9 AIC/N = 1.967

Model estimated: Mar 06, 2017, 20:38:57

R2=1-LogL/LogL\* Log-L fncn R-sqrd R2Adj

Constants only -3933.6760 .0949 .0936

Response data are given as ind. choices

Number of obs.= 3627, skipped 0 obs

--------+--------------------------------------------------------------------

| Standard Prob. 95% Confidence

CHOICE| Coefficient Error z |z|>Z\* Interval

--------+--------------------------------------------------------------------

MON| -1.60760\*\*\* .08343 -19.27 .0000 -1.77112 -1.44407

FAM| -.32965\*\*\* .06255 -5.27 .0000 -.45225 -.20705

PUB| -.93843\*\*\* .06942 -13.52 .0000 -1.07450 -.80236

SEED| .17254\*\*\* .04885 3.53 .0004 .07679 .26829

P| 1.52113\*\*\* .09400 16.18 .0000 1.33690 1.70536

A| -3.68011\*\*\* .18577 -19.81 .0000 -4.04421 -3.31602

--------+--------------------------------------------------------------------

Note: \*\*\*, \*\*, \* ==> Significance at 1%, 5%, 10% level.

-----------------------------------------------------------------------------

Normal exit: 21 iterations. Status=0, F= 2870.592

-----------------------------------------------------------------------------

Random Parameters Logit Model

Dependent variable CHOICE

Log likelihood function -2870.59222

Restricted log likelihood -3984.66677

Chi squared [ 10 d.f.] 2228.14909

Significance level .00000

McFadden Pseudo R-squared .2795904

Estimation based on N = 3627, K = 10

Inf.Cr.AIC = 5761.2 AIC/N = 1.588

Model estimated: Mar 06, 2017, 20:42:16

R2=1-LogL/LogL\* Log-L fncn R-sqrd R2Adj

No coefficients -3984.6668 .2796 .2786

Constants only -3933.6760 .2703 .2692

At start values -3560.4733 .1938 .1926

Response data are given as ind. choices

Replications for simulated probs. = 100

Used pseudo random draws (Mersenne twister)

RPL model with panel has 403 groups

Fixed number of obsrvs./group= 9

Number of obs.= 3627, skipped 0 obs

--------+--------------------------------------------------------------------

| Standard Prob. 95% Confidence

CHOICE| Coefficient Error z |z|>Z\* Interval

--------+--------------------------------------------------------------------

|Random parameters in utility functions

MON| -3.02230\*\*\* .20527 -14.72 .0000 -3.42462 -2.61998

FAM| -1.01784\*\*\* .16156 -6.30 .0000 -1.33449 -.70120

PUB| -1.74603\*\*\* .14274 -12.23 .0000 -2.02579 -1.46626

SEED| -.05741 .09437 -.61 .5430 -.24237 .12756

|Nonrandom parameters in utility functions

P| 2.69472\*\*\* .13758 19.59 .0000 2.42508 2.96437

A| -7.26376\*\*\* .30397 -23.90 .0000 -7.85954 -6.66798

|Distns. of RPs. Std.Devs or limits of triangular

NsMON| 2.38909\*\*\* .24646 9.69 .0000 1.90604 2.87214

NsFAM| 2.73621\*\*\* .17519 15.62 .0000 2.39285 3.07957

NsPUB| 2.06221\*\*\* .17892 11.53 .0000 1.71153 2.41289

NsSEED| 1.35698\*\*\* .08152 16.65 .0000 1.19721 1.51676

--------+--------------------------------------------------------------------

Note: \*\*\*, \*\*, \* ==> Significance at 1%, 5%, 10% level.

-----------------------------------------------------------------------------

|-> reset$

|-> import; file="E:\GM Project copy\Choice Experiment\spain\spain\_emotional.csv"$

Last observation read from data file was 10827

Error 535: Warning: Name Q7\_1\_VIT was in use. Replaced with X89

Error 535: Warning: Name LOCATION was in use. Replaced with X116

Error 535: Warning: Name LOCATION was in use. Replaced with X117

|-> create; CDProd = total\_CD \* producer$

|-> create; CDPrice = total\_CD \* price$

|-> create; TechPri= total\_te \* price$

|-> create; NepPri= total\_ne \* price$

|-> create; monsanto=producer=1$

|-> create; sfc=producer=2$

|-> create; public=producer=3$

|-> create; price1=-price$

|-> RPLOGIT; Lhs = choice; Choices =A, B, C;

Model: U(A, B)=P\*Price1+Mon\*monsanto+Fam\*sfc+pub\*public+seed\*seeds/

U(C)=a+P\*Price1+Mon\*monsanto+Fam\*sfc+pub\*public+seed\*seeds;

pds=9; parameter;checkdata;

Fcn =mon(n), fam(n), pub(n), seed(n) $

+----------------------------------------------------------+

| Inspecting the data set before estimation. |

| These errors mark observations which will be skipped. |

| Row Individual = 1st row then group number of data block |

+----------------------------------------------------------+

No bad observations were found in the sample

Normal exit: 5 iterations. Status=0, F= 3417.815

-----------------------------------------------------------------------------

Start values obtained using MNL model

Dependent variable Choice

Log likelihood function -3417.81532

Estimation based on N = 3609, K = 6

Inf.Cr.AIC = 6847.6 AIC/N = 1.897

Model estimated: Mar 06, 2017, 20:42:35

R2=1-LogL/LogL\* Log-L fncn R-sqrd R2Adj

Constants only -3918.8576 .1279 .1266

Response data are given as ind. choices

Number of obs.= 3609, skipped 0 obs

--------+--------------------------------------------------------------------

| Standard Prob. 95% Confidence

CHOICE| Coefficient Error z |z|>Z\* Interval

--------+--------------------------------------------------------------------

MON| -2.04427\*\*\* .08590 -23.80 .0000 -2.21263 -1.87592

FAM| -.89012\*\*\* .06592 -13.50 .0000 -1.01932 -.76092

PUB| -1.39036\*\*\* .07196 -19.32 .0000 -1.53139 -1.24933

SEED| .17350\*\*\* .05051 3.43 .0006 .07450 .27250

P| 1.51286\*\*\* .09653 15.67 .0000 1.32366 1.70206

A| -4.00492\*\*\* .19721 -20.31 .0000 -4.39145 -3.61839

--------+--------------------------------------------------------------------

Note: \*\*\*, \*\*, \* ==> Significance at 1%, 5%, 10% level.

-----------------------------------------------------------------------------

Normal exit: 22 iterations. Status=0, F= 2705.106

-----------------------------------------------------------------------------

Random Parameters Logit Model

Dependent variable CHOICE

Log likelihood function -2705.10557

Restricted log likelihood -3964.89175

Chi squared [ 10 d.f.] 2519.57236

Significance level .00000

McFadden Pseudo R-squared .3177353

Estimation based on N = 3609, K = 10

Inf.Cr.AIC = 5430.2 AIC/N = 1.505

Model estimated: Mar 06, 2017, 20:46:10

R2=1-LogL/LogL\* Log-L fncn R-sqrd R2Adj

No coefficients -3964.8917 .3177 .3168

Constants only -3918.8576 .3097 .3088

At start values -3417.8153 .2085 .2074

Response data are given as ind. choices

Replications for simulated probs. = 100

Used pseudo random draws (Mersenne twister)

RPL model with panel has 401 groups

Fixed number of obsrvs./group= 9

Number of obs.= 3609, skipped 0 obs

--------+--------------------------------------------------------------------

| Standard Prob. 95% Confidence

CHOICE| Coefficient Error z |z|>Z\* Interval

--------+--------------------------------------------------------------------

|Random parameters in utility functions

MON| -3.89340\*\*\* .22494 -17.31 .0000 -4.33429 -3.45252

FAM| -1.72581\*\*\* .16782 -10.28 .0000 -2.05472 -1.39689

PUB| -2.55834\*\*\* .15856 -16.14 .0000 -2.86910 -2.24757

SEED| -.01811 .09707 -.19 .8520 -.20837 .17215

|Nonrandom parameters in utility functions

P| 2.77002\*\*\* .14451 19.17 .0000 2.48679 3.05325

A| -7.83246\*\*\* .32681 -23.97 .0000 -8.47299 -7.19192

|Distns. of RPs. Std.Devs or limits of triangular

NsMON| 2.51612\*\*\* .22236 11.32 .0000 2.08031 2.95193

NsFAM| 2.61836\*\*\* .16716 15.66 .0000 2.29073 2.94598

NsPUB| 2.35665\*\*\* .19217 12.26 .0000 1.98001 2.73329

NsSEED| 1.34527\*\*\* .08430 15.96 .0000 1.18004 1.51050

--------+--------------------------------------------------------------------

Note: \*\*\*, \*\*, \* ==> Significance at 1%, 5%, 10% level.

-----------------------------------------------------------------------------

|-> reset$

|-> import; file="E:\GM Project copy\Choice Experiment\spain\spain\_simple.csv"$

Last observation read from data file was 10827

Error 535: Warning: Name Q7\_1\_VIT was in use. Replaced with X89

Error 535: Warning: Name LOCATION was in use. Replaced with X116

Error 535: Warning: Name LOCATION was in use. Replaced with X117

|-> create; CDProd = total\_CD \* producer$

|-> create; CDPrice = total\_CD \* price$

|-> create; TechPri= total\_te \* price$

|-> create; NepPri= total\_ne \* price$

|-> create; monsanto=producer=1$

|-> create; sfc=producer=2$

|-> create; public=producer=3$

|-> create; price1=-price$

|-> RPLOGIT; Lhs = choice; Choices =A, B, C;

Model: U(A, B)=P\*Price1+Mon\*monsanto+Fam\*sfc+pub\*public+seed\*seeds/

U(C)=a+P\*Price1+Mon\*monsanto+Fam\*sfc+pub\*public+seed\*seeds;

pds=9; parameter;checkdata;

Fcn =mon(n), fam(n), pub(n), seed(n) $

+----------------------------------------------------------+

| Inspecting the data set before estimation. |

| These errors mark observations which will be skipped. |

| Row Individual = 1st row then group number of data block |

+----------------------------------------------------------+

No bad observations were found in the sample

Normal exit: 5 iterations. Status=0, F= 3433.379

-----------------------------------------------------------------------------

Start values obtained using MNL model

Dependent variable Choice

Log likelihood function -3433.37897

Estimation based on N = 3609, K = 6

Inf.Cr.AIC = 6878.8 AIC/N = 1.906

Model estimated: Mar 06, 2017, 20:46:29

R2=1-LogL/LogL\* Log-L fncn R-sqrd R2Adj

Constants only -3913.5139 .1227 .1215

Response data are given as ind. choices

Number of obs.= 3609, skipped 0 obs

--------+--------------------------------------------------------------------

| Standard Prob. 95% Confidence

CHOICE| Coefficient Error z |z|>Z\* Interval

--------+--------------------------------------------------------------------

MON| -1.93791\*\*\* .08431 -22.99 .0000 -2.10315 -1.77267

FAM| -.81828\*\*\* .06507 -12.58 .0000 -.94581 -.69075

PUB| -1.40818\*\*\* .07225 -19.49 .0000 -1.54978 -1.26658

SEED| .06011 .04963 1.21 .2258 -.03715 .15737

P| 1.41585\*\*\* .09548 14.83 .0000 1.22871 1.60299

A| -3.95892\*\*\* .19647 -20.15 .0000 -4.34399 -3.57384

--------+--------------------------------------------------------------------

Note: \*\*\*, \*\*, \* ==> Significance at 1%, 5%, 10% level.

-----------------------------------------------------------------------------

Normal exit: 21 iterations. Status=0, F= 2637.549

-----------------------------------------------------------------------------

Random Parameters Logit Model

Dependent variable CHOICE

Log likelihood function -2637.54932

Restricted log likelihood -3964.89175

Chi squared [ 10 d.f.] 2654.68486

Significance level .00000

McFadden Pseudo R-squared .3347739

Estimation based on N = 3609, K = 10

Inf.Cr.AIC = 5295.1 AIC/N = 1.467

Model estimated: Mar 06, 2017, 20:49:59

R2=1-LogL/LogL\* Log-L fncn R-sqrd R2Adj

No coefficients -3964.8917 .3348 .3339

Constants only -3913.5139 .3260 .3251

At start values -3433.3790 .2318 .2307

Response data are given as ind. choices

Replications for simulated probs. = 100

Used pseudo random draws (Mersenne twister)

RPL model with panel has 401 groups

Fixed number of obsrvs./group= 9

Number of obs.= 3609, skipped 0 obs

--------+--------------------------------------------------------------------

| Standard Prob. 95% Confidence

CHOICE| Coefficient Error z |z|>Z\* Interval

--------+--------------------------------------------------------------------

|Random parameters in utility functions

MON| -3.82722\*\*\* .23174 -16.52 .0000 -4.28142 -3.37302

FAM| -1.69715\*\*\* .16341 -10.39 .0000 -2.01744 -1.37686

PUB| -2.58865\*\*\* .14944 -17.32 .0000 -2.88154 -2.29576

SEED| -.31640\*\*\* .10900 -2.90 .0037 -.53003 -.10276

|Nonrandom parameters in utility functions

P| 2.81044\*\*\* .15107 18.60 .0000 2.51436 3.10652

A| -8.66256\*\*\* .36502 -23.73 .0000 -9.37798 -7.94714

|Distns. of RPs. Std.Devs or limits of triangular

NsMON| 2.33151\*\*\* .22849 10.20 .0000 1.88368 2.77934

NsFAM| 2.93948\*\*\* .18525 15.87 .0000 2.57641 3.30256

NsPUB| 1.89140\*\*\* .17576 10.76 .0000 1.54692 2.23588

NsSEED| 1.70414\*\*\* .09457 18.02 .0000 1.51879 1.88949

--------+--------------------------------------------------------------------

Note: \*\*\*, \*\*, \* ==> Significance at 1%, 5%, 10% level.

-----------------------------------------------------------------------------

|-> reset$

|-> import; file="E:\GM Project copy\Choice Experiment\spain\spain\_benefit.csv"$

Last observation read from data file was 10746

Error 535: Warning: Name Q7\_1\_VIT was in use. Replaced with X89

Error 535: Warning: Name LOCATION was in use. Replaced with X116

Error 535: Warning: Name LOCATION was in use. Replaced with X117

|-> create; CDProd = total\_CD \* producer$

|-> create; CDPrice = total\_CD \* price$

|-> create; TechPri= total\_te \* price$

|-> create; NepPri= total\_ne \* price$

|-> create; monsanto=producer=1$

|-> create; sfc=producer=2$

|-> create; public=producer=3$

|-> create; price1=-price$

|-> RPLOGIT; Lhs = choice; Choices =A, B, C;

Model: U(A, B)=P\*Price1+Mon\*monsanto+Fam\*sfc+pub\*public+seed\*seeds/

U(C)=a+P\*Price1+Mon\*monsanto+Fam\*sfc+pub\*public+seed\*seeds;

pds=9; parameter;checkdata;

Fcn =mon(n), fam(n), pub(n), seed(n) $

+----------------------------------------------------------+

| Inspecting the data set before estimation. |

| These errors mark observations which will be skipped. |

| Row Individual = 1st row then group number of data block |

+----------------------------------------------------------+

No bad observations were found in the sample

Normal exit: 5 iterations. Status=0, F= 3420.944

-----------------------------------------------------------------------------

Start values obtained using MNL model

Dependent variable Choice

Log likelihood function -3420.94398

Estimation based on N = 3582, K = 6

Inf.Cr.AIC = 6853.9 AIC/N = 1.913

Model estimated: Mar 06, 2017, 20:50:19

R2=1-LogL/LogL\* Log-L fncn R-sqrd R2Adj

Constants only -3924.1502 .1282 .1270

Response data are given as ind. choices

Number of obs.= 3582, skipped 0 obs

--------+--------------------------------------------------------------------

| Standard Prob. 95% Confidence

CHOICE| Coefficient Error z |z|>Z\* Interval

--------+--------------------------------------------------------------------

MON| -2.04439\*\*\* .08638 -23.67 .0000 -2.21369 -1.87508

FAM| -1.09732\*\*\* .06775 -16.20 .0000 -1.23010 -.96454

PUB| -1.47911\*\*\* .07352 -20.12 .0000 -1.62321 -1.33502

SEED| .21262\*\*\* .05230 4.07 .0000 .11012 .31513

P| 1.52691\*\*\* .09792 15.59 .0000 1.33499 1.71883

A| -3.82802\*\*\* .20073 -19.07 .0000 -4.22145 -3.43459

--------+--------------------------------------------------------------------

Note: \*\*\*, \*\*, \* ==> Significance at 1%, 5%, 10% level.

-----------------------------------------------------------------------------

Normal exit: 21 iterations. Status=0, F= 2668.351

-----------------------------------------------------------------------------

Random Parameters Logit Model

Dependent variable CHOICE

Log likelihood function -2668.35101

Restricted log likelihood -3935.22922

Chi squared [ 10 d.f.] 2533.75642

Significance level .00000

McFadden Pseudo R-squared .3219325

Estimation based on N = 3582, K = 10

Inf.Cr.AIC = 5356.7 AIC/N = 1.495

Model estimated: Mar 06, 2017, 20:53:34

R2=1-LogL/LogL\* Log-L fncn R-sqrd R2Adj

No coefficients -3935.2292 .3219 .3210

Constants only -3924.1502 .3200 .3191

At start values -3420.9440 .2200 .2189

Response data are given as ind. choices

Replications for simulated probs. = 100

Used pseudo random draws (Mersenne twister)

RPL model with panel has 398 groups

Fixed number of obsrvs./group= 9

Number of obs.= 3582, skipped 0 obs

--------+--------------------------------------------------------------------

| Standard Prob. 95% Confidence

CHOICE| Coefficient Error z |z|>Z\* Interval

--------+--------------------------------------------------------------------

|Random parameters in utility functions

MON| -3.96955\*\*\* .25500 -15.57 .0000 -4.46935 -3.46975

FAM| -2.21659\*\*\* .18250 -12.15 .0000 -2.57429 -1.85889

PUB| -2.83288\*\*\* .18672 -15.17 .0000 -3.19885 -2.46691

SEED| .19765\*\* .09831 2.01 .0444 .00495 .39034

|Nonrandom parameters in utility functions

P| 2.85502\*\*\* .14976 19.06 .0000 2.56149 3.14855

A| -7.71251\*\*\* .33956 -22.71 .0000 -8.37804 -7.04699

|Distns. of RPs. Std.Devs or limits of triangular

NsMON| 2.94931\*\*\* .27480 10.73 .0000 2.41072 3.48790

NsFAM| 2.90653\*\*\* .17998 16.15 .0000 2.55378 3.25927

NsPUB| 2.88811\*\*\* .25499 11.33 .0000 2.38834 3.38788

NsSEED| 1.31810\*\*\* .07955 16.57 .0000 1.16219 1.47401

--------+--------------------------------------------------------------------

Note: \*\*\*, \*\*, \* ==> Significance at 1%, 5%, 10% level.

-----------------------------------------------------------------------------

|-> reset$

|-> import; file="E:\GM Project copy\Choice Experiment\spain\spain\_control.csv"$

Last observation read from data file was 10881

Error 535: Warning: Name Q7\_1\_VIT was in use. Replaced with X89

Error 535: Warning: Name LOCATION was in use. Replaced with X116

Error 535: Warning: Name LOCATION was in use. Replaced with X117

|-> create; CDProd = total\_CD \* producer$

|-> create; CDPrice = total\_CD \* price$

|-> create; TechPri= total\_te \* price$

|-> create; NepPri= total\_ne \* price$

|-> create; monsanto=producer=1$

|-> create; sfc=producer=2$

|-> create; public=producer=3$

|-> create; price1=-price$

|-> RPLOGIT; Lhs = choice; Choices =A, B, C;

Model: U(A, B)=P\*Price1+Mon\*monsanto+Fam\*sfc+pub\*public+seed\*seeds/

U(C)=a+P\*Price1+Mon\*monsanto+Fam\*sfc+pub\*public+seed\*seeds;

pds=9; parameter;checkdata;

Fcn =mon(n), fam(n), pub(n), seed(n) $

+----------------------------------------------------------+

| Inspecting the data set before estimation. |

| These errors mark observations which will be skipped. |

| Row Individual = 1st row then group number of data block |

+----------------------------------------------------------+

No bad observations were found in the sample

Normal exit: 5 iterations. Status=0, F= 3449.066

-----------------------------------------------------------------------------

Start values obtained using MNL model

Dependent variable Choice

Log likelihood function -3449.06606

Estimation based on N = 3627, K = 6

Inf.Cr.AIC = 6910.1 AIC/N = 1.905

Model estimated: Mar 06, 2017, 20:53:53

R2=1-LogL/LogL\* Log-L fncn R-sqrd R2Adj

Constants only -3976.0154 .1325 .1313

Response data are given as ind. choices

Number of obs.= 3627, skipped 0 obs

--------+--------------------------------------------------------------------

| Standard Prob. 95% Confidence

CHOICE| Coefficient Error z |z|>Z\* Interval

--------+--------------------------------------------------------------------

MON| -2.13942\*\*\* .08849 -24.18 .0000 -2.31285 -1.96598

FAM| -1.04989\*\*\* .06687 -15.70 .0000 -1.18095 -.91883

PUB| -1.55427\*\*\* .07417 -20.96 .0000 -1.69964 -1.40890

SEED| .16830\*\*\* .05284 3.19 .0014 .06473 .27187

P| 1.49220\*\*\* .09860 15.13 .0000 1.29895 1.68546

A| -3.74156\*\*\* .20041 -18.67 .0000 -4.13435 -3.34877

--------+--------------------------------------------------------------------

Note: \*\*\*, \*\*, \* ==> Significance at 1%, 5%, 10% level.

-----------------------------------------------------------------------------

Normal exit: 19 iterations. Status=0, F= 2641.703

-----------------------------------------------------------------------------

Random Parameters Logit Model

Dependent variable CHOICE

Log likelihood function -2641.70277

Restricted log likelihood -3984.66677

Chi squared [ 10 d.f.] 2685.92801

Significance level .00000

McFadden Pseudo R-squared .3370330

Estimation based on N = 3627, K = 10

Inf.Cr.AIC = 5303.4 AIC/N = 1.462

Model estimated: Mar 06, 2017, 20:56:58

R2=1-LogL/LogL\* Log-L fncn R-sqrd R2Adj

No coefficients -3984.6668 .3370 .3361

Constants only -3976.0154 .3356 .3347

At start values -3449.0661 .2341 .2330

Response data are given as ind. choices

Replications for simulated probs. = 100

Used pseudo random draws (Mersenne twister)

RPL model with panel has 403 groups

Fixed number of obsrvs./group= 9

Number of obs.= 3627, skipped 0 obs

--------+--------------------------------------------------------------------

| Standard Prob. 95% Confidence

CHOICE| Coefficient Error z |z|>Z\* Interval

--------+--------------------------------------------------------------------

|Random parameters in utility functions

MON| -4.10083\*\*\* .23403 -17.52 .0000 -4.55953 -3.64214

FAM| -2.00795\*\*\* .16201 -12.39 .0000 -2.32549 -1.69040

PUB| -2.83912\*\*\* .16202 -17.52 .0000 -3.15668 -2.52156

SEED| -.18885\* .10797 -1.75 .0803 -.40047 .02276

|Nonrandom parameters in utility functions

P| 2.81868\*\*\* .15131 18.63 .0000 2.52211 3.11524

A| -8.02218\*\*\* .35054 -22.89 .0000 -8.70922 -7.33514

|Distns. of RPs. Std.Devs or limits of triangular

NsMON| 2.42963\*\*\* .22895 10.61 .0000 1.98089 2.87838

NsFAM| 2.72905\*\*\* .18538 14.72 .0000 2.36570 3.09239

NsPUB| 2.28013\*\*\* .20299 11.23 .0000 1.88228 2.67798

NsSEED| 1.70097\*\*\* .09776 17.40 .0000 1.50936 1.89258

--------+--------------------------------------------------------------------

Note: \*\*\*, \*\*, \* ==> Significance at 1%, 5%, 10% level.

-----------------------------------------------------------------------------

|-> matrix; control=beta\_i$