|-> RESET

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| NLOGIT 5 (tm) Nov 15, 2016, 08:25:13PM |

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| Plainview, New York 11803 |

| Registered to Joanna Karavolias |

| University of Florida |

| Registration Number 1206-0012703-LSL |

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

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|-> reset$

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

Last observation read from data file was 11070

Error 535: Warning: Name LOCATION was in use. Replaced with X113

Error 535: Warning: Name LOCATION was in use. Replaced with X114

|-> 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$

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

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

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

Fcn =mon(n), fam(n), pub(n), seed(n), P(\*L) $;

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

|WARNING: Bad observations were found in the sample. |

|Found 83 bad observations among 3690 individuals. |

|You can use ;CheckData to get a list of these points. |

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

Normal exit: 5 iterations. Status=0, F= 3348.634

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Start values obtained using MNL model

Dependent variable Choice

Log likelihood function -3348.63361

Estimation based on N = 3607, K = 6

Inf.Cr.AIC = 6709.3 AIC/N = 1.860

Model estimated: Nov 15, 2016, 20:26:57

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

Constants only -3919.3465 .1456 .1443

Response data are given as ind. choices

Number of obs.= 3690, skipped 83 obs

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| Standard Prob. 95% Confidence

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

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

MON| -2.36198\*\*\* .09381 -25.18 .0000 -2.54584 -2.17812

FAM| -.60502\*\*\* .06439 -9.40 .0000 -.73121 -.47882

PUB| -1.49074\*\*\* .07366 -20.24 .0000 -1.63510 -1.34637

SEED| .41188\*\*\* .05307 7.76 .0000 .30786 .51589

P| -1.52998\*\*\* .09956 -15.37 .0000 -1.72512 -1.33484

A| -3.63328\*\*\* .19213 -18.91 .0000 -4.00985 -3.25670

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

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Normal exit: 57 iterations. Status=0, F= 3325.741

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Generalized Mixed (RP) Logit Model

Dependent variable CHOICE

Log likelihood function -3325.74128

Restricted log likelihood -3962.69453

Chi squared [ 11 d.f.] 1273.90650

Significance level .00000

McFadden Pseudo R-squared .1607374

Estimation based on N = 3607, K = 11

Inf.Cr.AIC = 6673.5 AIC/N = 1.850

Model estimated: Nov 15, 2016, 20:30:54

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

No coefficients -3962.6945 .1607 .1595

Constants only -3919.3465 .1515 .1502

At start values -7983.9415 .5834 .5828

Response data are given as ind. choices

Replications for simulated probs. = 100

Used pseudo random draws (Mersenne twister)

BHHH estimator used for asymp. variance

Number of obs.= 3690, skipped 83 obs

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

| Standard Prob. 95% Confidence

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

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

|Random parameters in utility functions

MON| 1.31268\*\*\* .10141 12.94 .0000 1.11392 1.51145

FAM| .42927\*\*\* .05408 7.94 .0000 .32327 .53528

PUB| .98280\*\*\* .14520 6.77 .0000 .69820 1.26739

SEED| -.20349\*\*\* .03431 -5.93 .0000 -.27074 -.13625

P| 1.0 .....(Fixed Parameter).....

|Nonrandom parameters in utility functions

A| -5.37216\*\*\* .43654 -12.31 .0000 -6.22776 -4.51655

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

NsMON| .25981 .25546 1.02 .3091 -.24087 .76050

NsFAM| 1.03717\*\*\* .10448 9.93 .0000 .83239 1.24195

NsPUB| .69546\*\* .28216 2.46 .0137 .14243 1.24849

NsSEED| .09063 .09565 .95 .3434 -.09685 .27810

CsP| 0.0 .....(Fixed Parameter).....

|Variance parameter tau in GMX scale parameter

TauScale| .00153 1.21872 .00 .9990 -2.38712 2.39017

|Weighting parameter gamma in GMX model

GammaMXL| 0.0 .....(Fixed Parameter).....

|Coefficient on P in preference space form

Beta0WTP| -2.36256 49.10941 -.05 .9616 -98.61523 93.89011

S\_b0\_WTP| 0.0 .....(Fixed Parameter).....

| Sample Mean Sample Std.Dev.

Sigma(i)| 1.01385 4.52206 .22 .8226 -7.84924 9.87693

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

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

Fixed parameter ... is constrained to equal the value or

had a nonpositive st.error because of an earlier problem.

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

|-> reset$

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

Last observation read from data file was 11070

Error 535: Warning: Name LOCATION was in use. Replaced with X113

Error 535: Warning: Name LOCATION was in use. Replaced with X114

|-> 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$

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

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

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

Fcn =mon(n), fam(n), pub(n), seed(n), P(\*L) $;

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

|WARNING: Bad observations were found in the sample. |

|Found 11 bad observations among 3690 individuals. |

|You can use ;CheckData to get a list of these points. |

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

Normal exit: 6 iterations. Status=0, F= 3348.176

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

Start values obtained using MNL model

Dependent variable Choice

Log likelihood function -3348.17583

Estimation based on N = 3679, K = 6

Inf.Cr.AIC = 6708.4 AIC/N = 1.823

Model estimated: Nov 15, 2016, 20:31:41

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

Constants only -4004.6815 .1639 .1627

Response data are given as ind. choices

Number of obs.= 3690, skipped 11 obs

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

| Standard Prob. 95% Confidence

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

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

MON| -2.57186\*\*\* .09597 -26.80 .0000 -2.75996 -2.38375

FAM| -.75479\*\*\* .06482 -11.64 .0000 -.88184 -.62774

PUB| -1.69143\*\*\* .07487 -22.59 .0000 -1.83818 -1.54469

SEED| .41138\*\*\* .05378 7.65 .0000 .30596 .51679

P| -1.53571\*\*\* .10042 -15.29 .0000 -1.73253 -1.33888

A| -3.72766\*\*\* .19463 -19.15 .0000 -4.10913 -3.34619

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

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

Line search at iteration 71 does not improve fn. Exiting optimization.

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Generalized Mixed (RP) Logit Model

Dependent variable CHOICE

Log likelihood function -3334.56768

Restricted log likelihood -4041.79461

Chi squared [ 11 d.f.] 1414.45386

Significance level .00000

McFadden Pseudo R-squared .1749784

Estimation based on N = 3679, K = 11

Inf.Cr.AIC = 6691.1 AIC/N = 1.819

Model estimated: Nov 15, 2016, 20:37:26

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

No coefficients -4041.7946 .1750 .1737

Constants only -4004.6815 .1673 .1661

At start values -8136.9067 .5902 .5896

Response data are given as ind. choices

Replications for simulated probs. = 100

Used pseudo random draws (Mersenne twister)

BHHH estimator used for asymp. variance

Number of obs.= 3690, skipped 11 obs

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

| Standard Prob. 95% Confidence

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

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

|Random parameters in utility functions

MON| 1.51883\*\*\* .13132 11.57 .0000 1.26145 1.77621

FAM| .50520\*\*\* .05738 8.80 .0000 .39274 .61766

PUB| 1.10744\*\*\* .14992 7.39 .0000 .81361 1.40128

SEED| -.22125\*\*\* .03524 -6.28 .0000 -.29031 -.15219

P| 1.0 .....(Fixed Parameter).....

|Nonrandom parameters in utility functions

A| -5.00549\*\*\* .43376 -11.54 .0000 -5.85565 -4.15532

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

NsMON| .31631 .28258 1.12 .2630 -.23754 .87016

NsFAM| .85170\*\*\* .10110 8.42 .0000 .65354 1.04985

NsPUB| .64451\*\* .27004 2.39 .0170 .11524 1.17379

NsSEED| .17141\* .08771 1.95 .0507 -.00050 .34332

CsP| 0.0 .....(Fixed Parameter).....

|Variance parameter tau in GMX scale parameter

TauScale| 0.0 .6104D+12 .00 1.0000 -.11965D+13 .11965D+13

|Weighting parameter gamma in GMX model

GammaMXL| 0.0 .....(Fixed Parameter).....

|Coefficient on P in preference space form

Beta0WTP| -1.76695 .2268D+26 .00 1.0000 \*\*\*\*\*\*\*\*\*\*\* \*\*\*\*\*\*\*\*\*\*\*

S\_b0\_WTP| 0.0 .....(Fixed Parameter).....

| Sample Mean Sample Std.Dev.

Sigma(i)| .84916 .1952D+13 .00 1.0000 \*\*\*\*\*\*\*\*\*\*\* \*\*\*\*\*\*\*\*\*\*\*

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

Note: nnnnn.D-xx or D+xx => multiply by 10 to -xx or +xx.

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

Fixed parameter ... is constrained to equal the value or

had a nonpositive st.error because of an earlier problem.

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

|-> reset$

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

Last observation read from data file was 11070

Error 535: Warning: Name LOCATION was in use. Replaced with X113

Error 535: Warning: Name LOCATION was in use. Replaced with X114

|-> 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$

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

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

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

Fcn =mon(n), fam(n), pub(n), seed(n), P(\*L) $;

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

|WARNING: Bad observations were found in the sample. |

|Found 81 bad observations among 3690 individuals. |

|You can use ;CheckData to get a list of these points. |

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

Normal exit: 5 iterations. Status=0, F= 3346.530

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

Start values obtained using MNL model

Dependent variable Choice

Log likelihood function -3346.52965

Estimation based on N = 3609, K = 6

Inf.Cr.AIC = 6705.1 AIC/N = 1.858

Model estimated: Nov 15, 2016, 20:37:46

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

Constants only -3897.5626 .1414 .1401

Response data are given as ind. choices

Number of obs.= 3690, skipped 81 obs

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

| Standard Prob. 95% Confidence

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

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

MON| -2.36988\*\*\* .09432 -25.12 .0000 -2.55475 -2.18501

FAM| -.50939\*\*\* .06384 -7.98 .0000 -.63452 -.38426

PUB| -1.34755\*\*\* .07212 -18.69 .0000 -1.48890 -1.20620

SEED| .46629\*\*\* .05275 8.84 .0000 .36291 .56968

P| -1.50026\*\*\* .09916 -15.13 .0000 -1.69461 -1.30591

A| -3.52555\*\*\* .18904 -18.65 .0000 -3.89606 -3.15504

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

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

Line search at iteration 70 does not improve fn. Exiting optimization.

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Generalized Mixed (RP) Logit Model

Dependent variable CHOICE

Log likelihood function -3331.85677

Restricted log likelihood -3964.89175

Chi squared [ 11 d.f.] 1266.06996

Significance level .00000

McFadden Pseudo R-squared .1596601

Estimation based on N = 3609, K = 11

Inf.Cr.AIC = 6685.7 AIC/N = 1.853

Model estimated: Nov 15, 2016, 20:43:54

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

No coefficients -3964.8917 .1597 .1584

Constants only -3897.5626 .1451 .1438

At start values -8069.2059 .5871 .5865

Response data are given as ind. choices

Replications for simulated probs. = 100

Used pseudo random draws (Mersenne twister)

BHHH estimator used for asymp. variance

Number of obs.= 3690, skipped 81 obs

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

| Standard Prob. 95% Confidence

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

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

|Random parameters in utility functions

MON| 1.41783\*\*\* .11290 12.56 .0000 1.19654 1.63911

FAM| .36397\*\*\* .05307 6.86 .0000 .25996 .46797

PUB| .99287\*\*\* .15123 6.57 .0000 .69645 1.28928

SEED| -.27726\*\*\* .03621 -7.66 .0000 -.34823 -.20630

P| 1.0 .....(Fixed Parameter).....

|Nonrandom parameters in utility functions

A| -4.67668\*\*\* .37687 -12.41 .0000 -5.41532 -3.93803

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

NsMON| .22717 .32507 .70 .4847 -.40996 .86430

NsFAM| .91212\*\*\* .10737 8.49 .0000 .70167 1.12257

NsPUB| .85993\*\*\* .30681 2.80 .0051 .25859 1.46126

NsSEED| .09679 .11404 .85 .3960 -.12673 .32031

CsP| 0.0 .....(Fixed Parameter).....

|Variance parameter tau in GMX scale parameter

TauScale| 0.0 .2414D+11 .00 1.0000 -.47304D+11 .47304D+11

|Weighting parameter gamma in GMX model

GammaMXL| 0.0 .....(Fixed Parameter).....

|Coefficient on P in preference space form

Beta0WTP| -1.84385 .4811D+21 .00 1.0000 \*\*\*\*\*\*\*\*\*\*\* \*\*\*\*\*\*\*\*\*\*\*

S\_b0\_WTP| 0.0 .....(Fixed Parameter).....

| Sample Mean Sample Std.Dev.

Sigma(i)| .89210 .2807D+11 .00 1.0000 \*\*\*\*\*\*\*\*\*\*\* \*\*\*\*\*\*\*\*\*\*\*

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

Note: nnnnn.D-xx or D+xx => multiply by 10 to -xx or +xx.

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

Fixed parameter ... is constrained to equal the value or

had a nonpositive st.error because of an earlier problem.

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

|-> reset$

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

Last observation read from data file was 11070

Error 535: Warning: Name LOCATION was in use. Replaced with X113

Error 535: Warning: Name LOCATION was in use. Replaced with X114

|-> 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$

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

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

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

Fcn =mon(n), fam(n), pub(n), seed(n), P(\*L) $;

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

|WARNING: Bad observations were found in the sample. |

|Found 117 bad observations among 3690 individuals. |

|You can use ;CheckData to get a list of these points. |

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

Normal exit: 5 iterations. Status=0, F= 3304.931

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

Start values obtained using MNL model

Dependent variable Choice

Log likelihood function -3304.93130

Estimation based on N = 3573, K = 6

Inf.Cr.AIC = 6621.9 AIC/N = 1.853

Model estimated: Nov 15, 2016, 20:44:13

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

Constants only -3893.6252 .1512 .1499

Response data are given as ind. choices

Number of obs.= 3690, skipped 117 obs

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

| Standard Prob. 95% Confidence

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

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

MON| -2.42759\*\*\* .09501 -25.55 .0000 -2.61380 -2.24139

FAM| -.71789\*\*\* .06523 -11.00 .0000 -.84574 -.59003

PUB| -1.59335\*\*\* .07494 -21.26 .0000 -1.74023 -1.44646

SEED| .35106\*\*\* .05361 6.55 .0000 .24598 .45614

P| -1.49650\*\*\* .10058 -14.88 .0000 -1.69363 -1.29937

A| -3.66532\*\*\* .19592 -18.71 .0000 -4.04931 -3.28133

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

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

Line search at iteration 68 does not improve fn. Exiting optimization.

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Generalized Mixed (RP) Logit Model

Dependent variable CHOICE

Log likelihood function -3286.00340

Restricted log likelihood -3925.34171

Chi squared [ 11 d.f.] 1278.67661

Significance level .00000

McFadden Pseudo R-squared .1628746

Estimation based on N = 3573, K = 11

Inf.Cr.AIC = 6594.0 AIC/N = 1.846

Model estimated: Nov 15, 2016, 20:49:42

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

No coefficients -3925.3417 .1629 .1616

Constants only -3893.6252 .1561 .1548

At start values -7902.5495 .5842 .5835

Response data are given as ind. choices

Replications for simulated probs. = 100

Used pseudo random draws (Mersenne twister)

BHHH estimator used for asymp. variance

Number of obs.= 3690, skipped 117 obs

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

| Standard Prob. 95% Confidence

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

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

|Random parameters in utility functions

MON| 1.41666\*\*\* .11938 11.87 .0000 1.18268 1.65064

FAM| .50411\*\*\* .05711 8.83 .0000 .39217 .61604

PUB| 1.10295\*\*\* .16655 6.62 .0000 .77651 1.42938

SEED| -.18124\*\*\* .03491 -5.19 .0000 -.24966 -.11281

P| 1.0 .....(Fixed Parameter).....

|Nonrandom parameters in utility functions

A| -5.13157\*\*\* .37664 -13.62 .0000 -5.86976 -4.39337

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

NsMON| .35914 .24152 1.49 .1370 -.11422 .83250

NsFAM| 1.01628\*\*\* .10718 9.48 .0000 .80621 1.22635

NsPUB| .77960\*\*\* .30007 2.60 .0094 .19148 1.36771

NsSEED| .03759 .11647 .32 .7469 -.19068 .26586

CsP| 0.0 .....(Fixed Parameter).....

|Variance parameter tau in GMX scale parameter

TauScale| 0.0 .1891D+11 .00 1.0000 -.37059D+11 .37059D+11

|Weighting parameter gamma in GMX model

GammaMXL| 0.0 .....(Fixed Parameter).....

|Coefficient on P in preference space form

Beta0WTP| -2.15977 .6351D+21 .00 1.0000 \*\*\*\*\*\*\*\*\*\*\* \*\*\*\*\*\*\*\*\*\*\*

S\_b0\_WTP| 0.0 .....(Fixed Parameter).....

| Sample Mean Sample Std.Dev.

Sigma(i)| .98406 .3032D+11 .00 1.0000 \*\*\*\*\*\*\*\*\*\*\* \*\*\*\*\*\*\*\*\*\*\*

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

Note: nnnnn.D-xx or D+xx => multiply by 10 to -xx or +xx.

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

Fixed parameter ... is constrained to equal the value or

had a nonpositive st.error because of an earlier problem.

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

|-> reset$

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

Last observation read from data file was 11070

Error 535: Warning: Name LOCATION was in use. Replaced with X113

Error 535: Warning: Name LOCATION was in use. Replaced with X114

|-> 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$

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

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

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

Fcn =mon(n), fam(n), pub(n), seed(n), P(\*L) $;

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

|WARNING: Bad observations were found in the sample. |

|Found 83 bad observations among 3690 individuals. |

|You can use ;CheckData to get a list of these points. |

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

Normal exit: 6 iterations. Status=0, F= 3330.553

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

Start values obtained using MNL model

Dependent variable Choice

Log likelihood function -3330.55323

Estimation based on N = 3607, K = 6

Inf.Cr.AIC = 6673.1 AIC/N = 1.850

Model estimated: Nov 15, 2016, 20:50:02

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

Constants only -3837.3239 .1321 .1307

Response data are given as ind. choices

Number of obs.= 3690, skipped 83 obs

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

| Standard Prob. 95% Confidence

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

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

MON| -1.80325\*\*\* .08931 -20.19 .0000 -1.97830 -1.62820

FAM| .08264 .06255 1.32 .1865 -.03996 .20525

PUB| -1.13736\*\*\* .07168 -15.87 .0000 -1.27786 -.99686

SEED| .33908\*\*\* .05122 6.62 .0000 .23869 .43946

P| -1.72551\*\*\* .09958 -17.33 .0000 -1.92068 -1.53034

A| -3.96917\*\*\* .18921 -20.98 .0000 -4.34001 -3.59834

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

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Line search at iteration 2 does not improve fn. Exiting optimization.

With < 4 iterations, this may not be a good solution to the

optimization. (The log-likelihood is flat.) Try refitting

with ;Output=3 and examining the derivatives.

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Generalized Mixed (RP) Logit Model

Dependent variable CHOICE

Log likelihood function -3784.91417

Restricted log likelihood -3962.69453

Chi squared [ 11 d.f.] 355.56071

Significance level .00000

McFadden Pseudo R-squared .0448635

Estimation based on N = 3607, K = 11

Inf.Cr.AIC = 7591.8 AIC/N = 2.105

Model estimated: Nov 15, 2016, 20:51:38

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

No coefficients -3962.6945 .0449 .0434

Constants only -3837.3239 .0137 .0122

At start values -8236.4732 .5405 .5398

Response data are given as ind. choices

Replications for simulated probs. = 100

Used pseudo random draws (Mersenne twister)

BHHH estimator used for asymp. variance

Number of obs.= 3690, skipped 83 obs

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

| Standard Prob. 95% Confidence

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

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

|Random parameters in utility functions

MON| 1.13072 .73012 1.55 .1215 -.30029 2.56174

FAM| -.57879\*\* .23586 -2.45 .0141 -1.04107 -.11651

PUB| .69123 .56620 1.22 .2222 -.41850 1.80095

SEED| -1.21304\*\*\* .23392 -5.19 .0000 -1.67150 -.75457

P| 1.0 .....(Fixed Parameter).....

|Nonrandom parameters in utility functions

A| -.67617\*\*\* .06210 -10.89 .0000 -.79789 -.55446

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

NsMON| 4.03754\*\*\* 1.06062 3.81 .0001 1.95875 6.11632

NsFAM| .25049\* .14499 1.73 .0841 -.03369 .53468

NsPUB| .00536 .55586 .01 .9923 -1.08412 1.09483

NsSEED| .14849 .13792 1.08 .2816 -.12183 .41880

CsP| 0.0 .....(Fixed Parameter).....

|Variance parameter tau in GMX scale parameter

TauScale| 13.4057\* 7.12738 1.88 .0600 -.5637 27.3751

|Weighting parameter gamma in GMX model

GammaMXL| 0.0 .....(Fixed Parameter).....

|Coefficient on P in preference space form

Beta0WTP| -.50938 2.84787 -.18 .8580 -6.09110 5.07234

S\_b0\_WTP| 0.0 .....(Fixed Parameter).....

| Sample Mean Sample Std.Dev.

Sigma(i)| .24507 .55344 .44 .6579 -.83965 1.32979

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

Fixed parameter ... is constrained to equal the value or

had a nonpositive st.error because of an earlier problem.

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