US results

|-> RESET

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| NLOGIT 5 (tm) Feb 28, 2017, 10:06:33PM |

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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\US\US\_Monsanto.csv"$

Last observation read from data file was 11070

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

Error 535: Warning: Name Q11\_10\_6 was in use. Replaced with X123

Error 535: Warning: Name LOCATION was in use. Replaced with X125

Error 535: Warning: Name LOCATION was in use. Replaced with X126

|-> 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$

|-> GMXLOGIT; 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;

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

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

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

|Found 25 bad observations among 3690 individuals. |

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

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

Normal exit: 5 iterations. Status=0, F= 3481.064

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Start values obtained using MNL model

Dependent variable Choice

Log likelihood function -3481.06426

Estimation based on N = 3665, K = 6

Inf.Cr.AIC = 6974.1 AIC/N = 1.903

Model estimated: Feb 28, 2017, 22:08:48

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

Constants only -4009.0062 .1317 .1304

Response data are given as ind. choices

Number of obs.= 3690, skipped 25 obs

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

| Standard Prob. 95% Confidence

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

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

MON| -1.90438\*\*\* .08818 -21.60 .0000 -2.07721 -1.73155

FAM| -.71900\*\*\* .06815 -10.55 .0000 -.85258 -.58543

PUB| -1.11083\*\*\* .07103 -15.64 .0000 -1.25004 -.97162

SEED| .51833\*\*\* .05436 9.54 .0000 .41179 .62487

P| 2.23868\*\*\* .10230 21.88 .0000 2.03818 2.43918

A| -4.56396\*\*\* .19807 -23.04 .0000 -4.95216 -4.17575

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

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Line search at iteration 3 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 -4070.32543

Estimation based on N = 3665, K = 11

Inf.Cr.AIC = 8162.7 AIC/N = 2.227

Model estimated: Feb 28, 2017, 22:12:42

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

No coefficients -4026.4140 -.0109-.0124

Constants only -4009.0062 -.0153-.0168

At start values -4347.7231 .0638 .0624

Response data are given as ind. choices

Replications for simulated probs. = 100

Used pseudo random draws (Mersenne twister)

RPL model with panel has 410 groups

Fixed number of obsrvs./group= 9

BHHH estimator used for asymp. variance

Number of obs.= 3690, skipped 25 obs

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

| Standard Prob. 95% Confidence

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

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

|Random parameters in utility functions

MON| .00627 .01482 .42 .6722 -.02278 .03532

FAM| -.01490 .01054 -1.41 .1575 -.03556 .00576

PUB| .25365\*\*\* .01497 16.95 .0000 .22432 .28298

SEED| -1.58406\*\*\* .01006 -157.44 .0000 -1.60378 -1.56434

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

|Nonrandom parameters in utility functions

A| 1.17897\*\*\* .02700 43.66 .0000 1.12605 1.23189

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

NsMON| 4.43600\*\*\* .04250 104.39 .0000 4.35271 4.51929

NsFAM| .25497\*\*\* .01340 19.03 .0000 .22870 .28123

NsPUB| .06095\*\*\* .01091 5.59 .0000 .03957 .08234

NsSEED| .98117\*\*\* .00930 105.48 .0000 .96294 .99940

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

|Variance parameter tau in GMX scale parameter

TauScale| 11.0073\*\* 5.13446 2.14 .0320 .9439 21.0707

|Weighting parameter gamma in GMX model

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

|Coefficient on P in preference space form

Beta0WTP| -.12115 .07631 -1.59 .1124 -.27071 .02842

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

| Sample Mean Sample Std.Dev.

Sigma(i)| .26623 .18285 1.46 .1454 -.09216 .62461

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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.

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

|-> histogram; rhs=logl\_obs ;

title=US Monsanto $

|-> dstat; rhs=logl\_obs$

Descriptive Statistics for 1 variables

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

Variable| Mean Std.Dev. Minimum Maximum Cases Missing

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

LOGL\_OBS| -.657380 1.093165 -4.525605 0.0 10998 72

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

DSTAT results are matrix LASTDSTA in current project.

|-> reset$

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

Last observation read from data file was 11502

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

Error 535: Warning: Name Q11\_10\_6 was in use. Replaced with X123

Error 535: Warning: Name LOCATION was in use. Replaced with X125

Error 535: Warning: Name LOCATION was in use. Replaced with X126

|-> 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$

|-> GMXLOGIT; 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;

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

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

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

|Found 150 bad observations among 3834 individuals. |

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

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

Normal exit: 5 iterations. Status=0, F= 3460.682

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Start values obtained using MNL model

Dependent variable Choice

Log likelihood function -3460.68207

Estimation based on N = 3684, K = 6

Inf.Cr.AIC = 6933.4 AIC/N = 1.882

Model estimated: Feb 28, 2017, 22:13:03

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

Constants only -4013.7778 .1378 .1365

Response data are given as ind. choices

Number of obs.= 3834, skipped 150 obs

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

| Standard Prob. 95% Confidence

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

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

MON| -2.00510\*\*\* .08813 -22.75 .0000 -2.17783 -1.83236

FAM| -.75293\*\*\* .06751 -11.15 .0000 -.88524 -.62062

PUB| -1.26522\*\*\* .07147 -17.70 .0000 -1.40529 -1.12515

SEED| .47027\*\*\* .05348 8.79 .0000 .36546 .57508

P| 2.15105\*\*\* .10097 21.30 .0000 1.95315 2.34895

A| -4.62299\*\*\* .19895 -23.24 .0000 -5.01292 -4.23306

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

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Initial iterations cannot improve function.Status=3

Error 805: Initial iterations cannot improve function.Status=3

Function= .44262784437D+04, at entry, .42125439056D+04 at exit

Error 1025: Failed to fit model. See earlier diagnostic.

|-> histogram; rhs=logl\_obs ;

title=US Emotional $

|-> dstat; rhs=logl\_obs$

Descriptive Statistics for 1 variables

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

Variable| Mean Std.Dev. Minimum Maximum Cases Missing

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

LOGL\_OBS| -.664453 1.151420 -23.02585 0.0 11103 399

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

DSTAT results are matrix LASTDSTA in current project.

|-> reset$

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

Last observation read from data file was 11313

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

Error 535: Warning: Name Q11\_10\_6 was in use. Replaced with X123

Error 535: Warning: Name LOCATION was in use. Replaced with X125

Error 535: Warning: Name LOCATION was in use. Replaced with X126

|-> 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$

|-> GMXLOGIT; 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;

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

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

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

|Found 81 bad observations among 3771 individuals. |

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

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

Normal exit: 5 iterations. Status=0, F= 3447.623

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

Start values obtained using MNL model

Dependent variable Choice

Log likelihood function -3447.62295

Estimation based on N = 3690, K = 6

Inf.Cr.AIC = 6907.2 AIC/N = 1.872

Model estimated: Feb 28, 2017, 22:15:35

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

Constants only -4022.9585 .1430 .1417

Response data are given as ind. choices

Number of obs.= 3771, skipped 81 obs

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

| Standard Prob. 95% Confidence

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

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

MON| -1.94686\*\*\* .08882 -21.92 .0000 -2.12094 -1.77279

FAM| -.70940\*\*\* .06876 -10.32 .0000 -.84417 -.57463

PUB| -1.23511\*\*\* .07204 -17.15 .0000 -1.37629 -1.09392

SEED| .58508\*\*\* .05519 10.60 .0000 .47691 .69325

P| 2.39482\*\*\* .10377 23.08 .0000 2.19143 2.59821

A| -4.83343\*\*\* .20040 -24.12 .0000 -5.22621 -4.44065

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

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

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

Line search at iteration 1 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.

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

Generalized Mixed (RP) Logit Model

Dependent variable CHOICE

Log likelihood function -4111.85501

Estimation based on N = 3690, K = 11

Inf.Cr.AIC = 8245.7 AIC/N = 2.235

Model estimated: Feb 28, 2017, 22:19:45

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

No coefficients -4053.8793 -.0143-.0158

Constants only -4022.9585 -.0221-.0236

At start values -4412.4330 .0681 .0667

Response data are given as ind. choices

Replications for simulated probs. = 100

Used pseudo random draws (Mersenne twister)

RPL model with panel has 419 groups

Fixed number of obsrvs./group= 9

BHHH estimator used for asymp. variance

Number of obs.= 3771, skipped 81 obs

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

| Standard Prob. 95% Confidence

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

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

|Random parameters in utility functions

MON| -.69565\*\*\* .06340 -10.97 .0000 -.81992 -.57138

FAM| -.31027\*\*\* .03299 -9.41 .0000 -.37492 -.24562

PUB| -.26627\*\*\* .03130 -8.51 .0000 -.32761 -.20493

SEED| -.15852\*\*\* .02320 -6.83 .0000 -.20399 -.11304

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

|Nonrandom parameters in utility functions

A| .95399\*\*\* .03838 24.85 .0000 .87876 1.02922

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

NsMON| 4.80235\*\*\* .09824 48.88 .0000 4.60981 4.99489

NsFAM| .16616\*\*\* .02769 6.00 .0000 .11187 .22044

NsPUB| .00092 .02965 .03 .9753 -.05718 .05902

NsSEED| .02714 .02306 1.18 .2392 -.01805 .07234

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

|Variance parameter tau in GMX scale parameter

TauScale| 6.68854\*\*\* 2.49419 2.68 .0073 1.80002 11.57706

|Weighting parameter gamma in GMX model

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

|Coefficient on P in preference space form

Beta0WTP| -.34192 6.24591 -.05 .9563 -12.58368 11.89984

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

| Sample Mean Sample Std.Dev.

Sigma(i)| .16127 1.30865 .12 .9019 -2.40363 2.72618

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

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.

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

|-> histogram; rhs=logl\_obs ;

title=US Simple $

|-> dstat; rhs=logl\_obs$

Descriptive Statistics for 1 variables

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

Variable| Mean Std.Dev. Minimum Maximum Cases Missing

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

LOGL\_OBS| -.653397 1.082519 -4.152405 0.0 11097 216

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

DSTAT results are matrix LASTDSTA in current project.

|-> reset$

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

Last observation read from data file was 11070

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

Error 535: Warning: Name Q11\_10\_6 was in use. Replaced with X123

Error 535: Warning: Name LOCATION was in use. Replaced with X125

Error 535: Warning: Name LOCATION was in use. Replaced with X126

|-> 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$

|-> GMXLOGIT; 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;

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

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

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

|Found 80 bad observations among 3690 individuals. |

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

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

Normal exit: 5 iterations. Status=0, F= 3454.176

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

Start values obtained using MNL model

Dependent variable Choice

Log likelihood function -3454.17634

Estimation based on N = 3610, K = 6

Inf.Cr.AIC = 6920.4 AIC/N = 1.917

Model estimated: Feb 28, 2017, 22:20:05

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

Constants only -3956.5194 .1270 .1256

Response data are given as ind. choices

Number of obs.= 3690, skipped 80 obs

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

| Standard Prob. 95% Confidence

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

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

MON| -1.92337\*\*\* .08897 -21.62 .0000 -2.09775 -1.74899

FAM| -.81555\*\*\* .06854 -11.90 .0000 -.94988 -.68121

PUB| -1.27521\*\*\* .07340 -17.37 .0000 -1.41907 -1.13135

SEED| .49049\*\*\* .05557 8.83 .0000 .38158 .59941

P| 2.07043\*\*\* .10291 20.12 .0000 1.86874 2.27213

A| -4.14529\*\*\* .19955 -20.77 .0000 -4.53641 -3.75418

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

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

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

Line search at iteration 1 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.

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

Generalized Mixed (RP) Logit Model

Dependent variable CHOICE

Log likelihood function -4001.71094

Estimation based on N = 3610, K = 11

Inf.Cr.AIC = 8025.4 AIC/N = 2.223

Model estimated: Feb 28, 2017, 22:24:23

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

No coefficients -3965.9904 -.0090-.0105

Constants only -3956.5194 -.0114-.0130

At start values -4296.7095 .0687 .0672

Response data are given as ind. choices

Replications for simulated probs. = 100

Used pseudo random draws (Mersenne twister)

RPL model with panel has 410 groups

Fixed number of obsrvs./group= 9

BHHH estimator used for asymp. variance

Number of obs.= 3690, skipped 80 obs

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

| Standard Prob. 95% Confidence

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

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

|Random parameters in utility functions

MON| -.85224\*\*\* .10135 -8.41 .0000 -1.05089 -.65359

FAM| -.41129\*\*\* .01543 -26.66 .0000 -.44153 -.38105

PUB| -.35937\*\*\* .02306 -15.59 .0000 -.40456 -.31418

SEED| .04294\*\*\* .00903 4.76 .0000 .02524 .06064

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

|Nonrandom parameters in utility functions

A| 1.10335\*\*\* .04262 25.89 .0000 1.01982 1.18688

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

NsMON| 4.12776\*\*\* .15762 26.19 .0000 3.81884 4.43669

NsFAM| .13078\*\*\* .01788 7.31 .0000 .09573 .16583

NsPUB| .07991\*\* .03530 2.26 .0236 .01073 .14910

NsSEED| .02025 .01413 1.43 .1520 -.00745 .04795

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

|Variance parameter tau in GMX scale parameter

TauScale| 5.83455 4.19893 1.39 .1647 -2.39520 14.06431

|Weighting parameter gamma in GMX model

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

|Coefficient on P in preference space form

Beta0WTP| -.27227 28.92266 -.01 .9925 -56.95963 56.41510

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

| Sample Mean Sample Std.Dev.

Sigma(i)| .12716 2.16880 .06 .9532 -4.12361 4.37792

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

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.

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

|-> histogram; rhs=logl\_obs ;

title=US benefit $

|-> dstat; rhs=logl\_obs$

Descriptive Statistics for 1 variables

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

Variable| Mean Std.Dev. Minimum Maximum Cases Missing

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

LOGL\_OBS| -.656733 1.075957 -4.234894 0.0 10860 210

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

DSTAT results are matrix LASTDSTA in current project.

|-> reset$

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

Last observation read from data file was 11070

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

Error 535: Warning: Name Q11\_10\_6 was in use. Replaced with X123

Error 535: Warning: Name LOCATION was in use. Replaced with X125

Error 535: Warning: Name LOCATION was in use. Replaced with X126

|-> 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$

|-> GMXLOGIT; 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;

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

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

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

|Found 78 bad observations among 3690 individuals. |

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

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

Normal exit: 5 iterations. Status=0, F= 3396.438

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

Start values obtained using MNL model

Dependent variable Choice

Log likelihood function -3396.43784

Estimation based on N = 3612, K = 6

Inf.Cr.AIC = 6804.9 AIC/N = 1.884

Model estimated: Feb 28, 2017, 22:24:43

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

Constants only -3947.4346 .1396 .1383

Response data are given as ind. choices

Number of obs.= 3690, skipped 78 obs

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

| Standard Prob. 95% Confidence

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

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

MON| -2.14529\*\*\* .09020 -23.78 .0000 -2.32208 -1.96850

FAM| -1.02614\*\*\* .06854 -14.97 .0000 -1.16046 -.89181

PUB| -1.58310\*\*\* .07566 -20.92 .0000 -1.73139 -1.43481

SEED| .43662\*\*\* .05560 7.85 .0000 .32765 .54558

P| 1.86320\*\*\* .10196 18.27 .0000 1.66336 2.06305

A| -3.99062\*\*\* .20238 -19.72 .0000 -4.38728 -3.59396

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

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

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

Initial iterations cannot improve function.Status=3

Error 805: Initial iterations cannot improve function.Status=3

Function= .43869000122D+04, at entry, .41471399702D+04 at exit

Error 1025: Failed to fit model. See earlier diagnostic.

|-> histogram; rhs=logl\_obs ;

title=US Control$

|-> dstat; rhs=logl\_obs$

Descriptive Statistics for 1 variables

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

Variable| Mean Std.Dev. Minimum Maximum Cases Missing

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

LOGL\_OBS| -.665542 1.111394 -4.274770 0.0 10863 207

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DSTAT results are matrix LASTDSTA in current project.