APPENDIX II
STATISTICAL ANALYSIS

APPENDIX II: STATISTICAL ANALYSIS

Variable Definitions:

ED - Education
1 - Completed High School or Less
2 - Some College
3 - Completed College
4 - Graduate School

Race – Ethnicity
1 - White/Caucasian
2 - Black/African American
3 - Hispanic
4 - Other(Asian/American Indian)
b - Omitted

Q1D – Question 1 in the Questionnaire (After Decoding)
1 - Numbers
2 - Symbols
3 - Descriptors
4 - Pass/Fail

Q2 – Question 2 in the Questionnaire
1 - Easy to increase rating scale, like SPF
2 - Easy to compare products against each other
3 - Clearer/more specific/easier to understand
4 - Easy to read or see

Q31D - Choice #1 in Question 3 in the Questionnaire
Clearer/more specific/easier to understand

Q32D - Choice #2 in Question 3 in the Questionnaire
Can increase rating scale, like SPF

Q33D - Choice #3 in Question 3 in the Questionnaire
Easier to compare products against each other

Q34D - Choice #4 in Question 3 in the Questionnaire
Shows you what you need to know

Q35D - Choice #5 in Question 3 in the Questionnaire
Easier to read or see

Variable Definitions (Cont.)

Q41D, Q42D, Q43D – Question 4 in the Questionnaire (After Decoding)

1 - Numbers
2 - Symbols
3 - Descriptors
4 - Pass/Fail

Q51D - Choice #1 in Question 5 in the Questionnaire
Easier to read or see

Q52D - Choice #2 in Question 5 in the Questionnaire
Clearer/more specific/easier to understand

Q53D - Choice #3 in Question 5 in the Questionnaire
Easier to compare products against each other

Q54D - Choice #4 in Question 5 in the Questionnaire
Can increase rating scale, like SPF

Q61D - Choice #1 in Question 6 in the Questionnaire
Does not show you what you need to know

Q62D - Choice #2 in Question 6 in the Questionnaire
Not as clear/not as specific/not as easy to understand

Q63D - Choice #3 in Question 6 in the Questionnaire
Can not increase rating scale, not like SPF

Q64D - Choice #4 in Question 6 in the Questionnaire
Is not easy to compare against other products

Q65D - Choice #5 in Question 6 in the Questionnaire
Is not easy to read or see

Variable Definitions (Cont.)

LAB - Four Labels

1 - Numbers
2 - Symbols
3 - Descriptors
4 - Pass/Fail

Geographic Region

Midwest - Cleveland, OH
Indianapolis, IN
Minnetonka, MN
North Riverside, IL
West Des Moines, IA

Northeast - Boston, MA
Charleston, WV
Nashua, NH
NYC, NY
Wayne, NJ

South - Atlanta, GA
Boynton Beach, FL
Ft. Smith, AR
Jackson, MS
Memphis, TN

West - Albuquerque, NM
Aurora, CO
Downey, CA
Houston, TX
Vancouver, WA

Analyses Output - Table 3
List of Exclusions

EXCLUDED CASES

Gender	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Male	46	47.4	46	47.4
Female	51	52.6	97	100.0

AGE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
18-24	10	10.3	10	10.3
25-34	25	25.8	35	36.1
35-44	22	22.7	57	58.8
45-54	15	15.5	72	74.2
55-64	8	8.2	80	82.5
65+	17	17.5	97	100.0

ED	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	45	46.4	45	46.4
2	23	23.7	68	70.1
3	21	21.6	89	91.8
4	8	8.2	97	100.0

RACE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	62	63.9	62	63.9
2	27	27.8	89	91.8
3	5	5.2	94	96.9
4	2	2.1	96	99.0
b	1	1.0	97	100.0

Analyses Output - Table 3
List of Exclusions

SITE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Albuquerque, NM	6	6.2	6	6.2
Atlanta, GA	17	17.5	23	23.7
Boston, MA	4	4.1	27	27.8
Charleston, WV	17	17.5	44	45.4
North Riverside, IL	8	8.2	52	53.6
Cleveland, OH	4	4.1	56	57.7
Aurora, CO	10	10.3	66	68.0
West Des Moines, IA	1	1.0	67	69.1
Boynton Beach, FL	1	1.0	68	70.1
Ft. Smith, AR	4	4.1	72	74.2
Houston, TX	4	4.1	76	78.4
Indianapolis, IN	4	4.1	80	82.5
Jackson, MS	3	3.1	83	85.6
Downey, CA	1	1.0	84	86.6
Memphis, TN	1	1.0	85	87.6
Minnetonka, MN	3	3.1	88	90.7
NYC, NY	3	3.1	91	93.8
Nashua, NH	4	4.1	95	97.9
Vancouver, WA	2	2.1	97	100.0

Analyses Output - Table 3.1.1
Records Excluded Due to Protocol Violations

Gender	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Male	5	31.3	5	31.3
Female	11	68.8	16	100.0

AGE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
18-24	3	18.8	3	18.8
25-34	1	6.3	4	25.0
35-44	3	18.8	7	43.8
45-54	3	18.8	10	62.5
55-64	2	12.5	12	75.0
65+	4	25.0	16	100.0

ED	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	8	50.0	8	50.0
2	5	31.3	13	81.3
3	2	12.5	15	93.8
4	1	6.3	16	100.0

RACE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	11	68.8	11	68.8
2	4	25.0	15	93.8
3	1	6.3	16	100.0

Analyses Output - Table 3.1.1
Records Excluded Due to Protocol Violations

SITE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Albuquerque, NM	1	6.3	1	6.3
Boston, MA	1	6.3	2	12.5
Charleston, WV	2	12.5	4	25.0
Aurora, CO	1	6.3	5	31.3
West Des Moines, IA	1	6.3	6	37.5
Ft. Smith, AR	1	6.3	7	43.8
Houston, TX	1	6.3	8	50.0
Indianapolis, IN	1	6.3	9	56.3
Downey, CA	1	6.3	10	62.5
Minnetonka, MN	2	12.5	12	75.0
NYC, NY	1	6.3	13	81.3
Nashua, NH	1	6.3	14	87.5
Vancouver, WA	2	12.5	16	100.0

Analyses Output - Table 3.2.1
Records Excluded Due to Panelists Not Understanding the Questionnaire

SEX	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Male	41	50.6	41	50.6
Female	40	49.4	81	100.0

AGE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
18-24	7	8.6	7	8.6
25-34	24	29.6	31	38.3
35-44	19	23.5	50	61.7
45-54	12	14.8	62	76.5
55-64	6	7.4	68	84.0
66+	13	16.0	81	100.0

ED	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	37	45.7	37	45.7
2	18	22.2	55	67.9
3	19	23.5	74	91.4
4	7	8.6	81	100.0

RACE1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	51	63.0	51	63.0
2	23	28.4	74	91.4
3	4	4.9	78	96.3
4	2	2.5	80	98.8
b	1	1.2	81	100.0

Analyses Output - Table 3.2.1
Records Excluded Due to Panelists Not Understanding the Questionnaire

SITE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Albuquerque, NM	5	6.2	5	6.2
Atlanta, GA	17	21.0	22	27.2
Boston, MA	3	3.7	25	30.9
Charleston, WV	15	18.5	40	49.4
North Riverside, IL	8	9.9	48	59.3
Cleveland, OH	4	4.9	52	64.2
Aurora, CO	9	11.1	61	75.3
Boynton Beach, FL	1	1.2	62	76.5
Ft. Smith, AR	3	3.7	65	80.2
Houston, TX	3	3.7	68	84.0
Indianapolis, IN	3	3.7	71	87.7
Jackson, MS	3	3.7	74	91.4
Memphis, TN	1	1.2	75	92.6
Minnetonka, MN	1	1.2	76	93.8
NYC, NY	2	2.5	78	96.3
Nashua, NH	3	3.7	81	100.0

Analyses Output - Table 4
Ranking of Panelists' Preference

Label 1 - Numbers
Label 2 - Symbols
Label 3 - Descriptors
Label 4 - Pass / Fail

Descriptive Statistics:

Data source: Data 1 in Notebook

Column	Size	Missing	Mean	Std Dev	Std. Error	C.I. of Mean
label1	1921	0	2.210	0.924	0.0211	0.0413
label2	1921	1	2.680	0.961	0.0219	0.0430
label3	1921	0	1.974	1.054	0.0241	0.0472
label4	1921	1	3.135	1.148	0.0262	0.0514

Column	Range	Max	Min	Median	25%	75%
label1	3.000	4.000	1.000	2.000	2.000	3.000
label2	3.000	4.000	1.000	3.000	2.000	3.000
label3	3.000	4.000	1.000	2.000	1.000	3.000
label4	3.000	4.000	1.000	4.000	2.000	4.000

Column	Skewness	Kurtosis	K-S Dist.	K-S Prob.	Sum	Sum of Squares
label1	0.390	-0.663	0.251	<0.001	4245.000	11019.000
label2	-0.341	-0.812	0.258	<0.001	5146.000	15564.000
label3	0.633	-0.937	0.277	<0.001	3793.000	9623.000
label4	-0.896	-0.794	0.351	<0.001	6019.000	21399.000

Analyses Output - Table 4
Ranking of Panelists' Preference

Label 1 - Numbers
Label 2 - Symbols
Label 3 - Descriptors
Label 4 - Pass / Fail

Friedman Repeated Measures Analysis of Variance on Ranks

Data source: Data 1 in Notebook

Normality Test: Failed (P = <0.001)

Group	N	Missing	Median	25%	75%
label1	1921	0	2.000	2.000	3.000
label2	1921	1	3.000	2.000	3.000
label3	1921	0	2.000	1.000	3.000
label4	1921	1	4.000	2.000	4.000

Chi-square= 916.247 with 3 degrees of freedom. (P = <0.001)

The differences in the median values among the treatment groups are greater than would be expected by chance; there is a statistically significant difference (P = <0.001)

To isolate the group or groups that differ from the others use a multiple comparison procedure.

All Pairwise Multiple Comparison Procedures (Student-Newman-Keuls Method) :

Comparison	Diff of Ranks	q	P<0.05
label4 vs label3	2227.000	39.368	Yes
label4 vs label1	1776.000	40.531	Yes
label4 vs label2	873.000	28.176	Yes
label2 vs label3	1354.000	30.901	Yes
label2 vs label1	903.000	29.144	Yes
label1 vs label3	451.000	14.556	Yes

Note: The multiple comparisons on ranks do not include an adjustment for ties.

Analyses Output - Table 5
Frequency of Panelists' Preference

---------- LAB=Numbers ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	454	23.6	454	23.6
2	816	42.5	1270	66.1
3	445	23.2	1715	89.3
4	206	10.7	1921	100.0

Chi-Square Test for Equal Proportions

Statistic = 395.362 DF = 3 Prob = 0.001

Analyses Output - Table 5
Frequency of Panelists' Preference

---------- LAB=Symbols ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	288	15.0	288	15.0
2	427	22.2	715	37.2
3	816	42.5	1531	79.7
4	389	20.3	1920	100.0

Chi-Square Test for Equal Proportions

Statistic = 335.104 DF = 3 Prob = 0.001

Analyses Output - Table 5
Frequency of Panelists' Preference

---------- LAB=Descriptors ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	874	45.5	874	45.5
2	440	22.9	1314	68.4
3	389	20.2	1703	88.7
4	218	11.3	1921	100.0

Chi-Square Test for Equal Proportions

Statistic = 486.748 DF = 3 Prob = 0.001

Analyses Output - Table 5
Frequency of Panelists' Preference

---------- LAB=Pass/Fail ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	305	15.9	305	15.9
2	238	12.4	543	28.3
3	270	14.1	813	42.3
4	1107	57.7	1920	100.0

Chi-Square Test for Equal Proportions

Statistic = 1096.704 DF = 3 Prob = 0.001

Analyses Output - Table 5
Frequency of Panelists' Preference

FIRST CHOICE

Q1D	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	454	23.6	454	23.6
2	288	15.0	742	38.6
3	874	45.5	1616	84.1
4	305	15.9	1921	100.0

Chi-Square Test for Equal Proportions

Statistic = 465.176 DF = 3 Prob = 0.001

Analyses Output - Table 5
Frequency of Panelists' Preference

SECOND CHOICE

Q41D	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	816	42.5	816	42.5
2	427	22.2	1243	64.7
3	440	22.9	1683	87.6
4	238	12.4	1921	100.0

Chi-Square Test for Equal Proportions

Statistic = 366.202 DF = 3 Prob = 0.001

Analyses Output - Table 5
Frequency of Panelists' Preference

THIRD CHOICE

Q42D	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	445	23.2	445	23.2
2	816	42.5	1261	65.7
3	389	20.3	1650	85.9
4	270	14.1	1920	100.0

Frequency Missing = 1

Chi-Square Test for Equal Proportions

Statistic = 346.879 DF = 3 Prob = 0.001

Analyses Output - Table 5
Frequency of Panelists' Preference

LAST CHOICE

Q43D	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	206	10.7	206	10.7
2	389	20.3	595	31.0
3	218	11.4	813	42.3
4	1107	57.7	1920	100.0

Frequency Missing = 1

Chi-Square Test for Equal Proportions

Statistic = 1135.688 DF = 3 Prob = 0.001

Analyses Output - Table 6
Comparison of Reasons for First Choice - Main Reason

Q2: 1-EASY TO INCREASE SCALE, 2-EASY TO COMPARE PRODUCTS
Q2: 3-CLEARER/MORE SPECIFIC/EASIER TO UNDERSTAND, 4-EASY TO READ OR SEE

Q2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	258	13.4	258	13.4
2	328	17.1	586	30.5
3	1003	52.3	1589	82.8
4	330	17.2	1919	100.0

Chi-Square Test for Equal Proportions

Statistic = 767.935 DF = 3 Prob = 0.001

Analyses Output - Table 6
Comparison of Reasons for First Choice - Main Reason

Q2: 1-EASY TO INCREASE SCALE, 2-EASY TO COMPARE PRODUCTS
Q2: 3-CLEARER/MORE SPECIFIC/EASIER TO UNDERSTAND, 4-EASY TO READ OR SEE

---------- Q1D=1 ----------

Q2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	90	19.8	90	19.8
2	93	20.5	183	40.3
3	196	43.2	379	83.5
4	75	16.5	454	100.0

Chi-Square Test for Equal Proportions

Statistic = 81.595 DF = 3 Prob = 0.001

Analyses Output - Table 6
Comparison of Reasons for First Choice - Main Reason

Q2: 1-EASY TO INCREASE SCALE, 2-EASY TO COMPARE PRODUCTS
Q2: 3-CLEARER/MORE SPECIFIC/EASIER TO UNDERSTAND, 4-EASY TO READ OR SEE

---------- Q1D=2 ----------

Q2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	53	18.4	53	18.4
2	60	20.8	113	39.2
3	107	37.2	220	76.4
4	68	23.6	288	100.0

Chi-Square Test for Equal Proportions

Statistic = 24.250 DF = 3 Prob = 0.001

Analyses Output - Table 6
Comparison of Reasons for First Choice - Main Reason

Q2: 1-EASY TO INCREASE SCALE, 2-EASY TO COMPARE PRODUCTS
Q2: 3-CLEARER/MORE SPECIFIC/EASIER TO UNDERSTAND, 4-EASY TO READ OR SEE

---------- Q1D=3 ----------

Q2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	74	8.5	74	8.5
2	102	11.7	176	20.2
3	559	64.1	735	84.3
4	137	15.7	872	100.0

Chi-Square Test for Equal Proportions

Statistic = 720.339 DF = 3 Prob = 0.001

Analyses Output - Table 6
Comparison of Reasons for First Choice - Main Reason

Q2: 1-EASY TO INCREASE SCALE, 2-EASY TO COMPARE PRODUCTS
Q2: 3-CLEARER/MORE SPECIFIC/EASIER TO UNDERSTAND, 4-EASY TO READ OR SEE

---------- Q1D=4 ----------

Q2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	41	13.4	41	13.4
2	73	23.9	114	37.4
3	141	46.2	255	83.6
4	50	16.4	305	100.0

Chi-Square Test for Equal Proportions

Statistic = 80.456 DF = 3 Prob = 0.001

Analyses Output - Table 6
Comparison of Reasons for First Choice - Main Reason

Q2: 1-EASY TO INCREASE SCALE, 2-EASY TO COMPARE PRODUCTS
Q2: 3-CLEARER/MORE SPECIFIC/EASIER TO UNDERSTAND, 4-EASY TO READ OR SEE

---------- Q2=& ----------

Q1D	Frequency	Percent	Cumulative Frequency	Cumulative Percent
3	2	100.0	2	100.0

Chi-Square Test for Equal Proportions

Statistic = 0.000 DF = 0 Prob = .

Analyses Output - Table 7
Comparison of All Reasons for First Choice (Multiple Reasons)

Q31D	Q32D	Q33D	Q34D	Q35D	Frequency	Percent	Cumulative Frequency	Cumulative Percent
no	no	no	no	yes	28	1.5	28	1.5
no	no	no	yes	no	1	0.1	29	1.5
no	no	no	yes	yes	74	3.9	103	5.4
no	no	yes	no	no	33	1.7	136	7.1
no	no	yes	no	yes	48	2.5	184	9.6
no	no	yes	yes	no	60	3.1	244	12.7
no	no	yes	yes	yes	13	0.7	257	13.4
no	yes	no	no	no	33	1.7	290	15.1
no	yes	no	no	yes	35	1.8	325	16.9
no	yes	no	yes	no	42	2.2	367	19.1
no	yes	no	yes	yes	7	0.4	374	19.5
no	yes	yes	no	no	74	3.9	448	23.3
no	yes	yes	no	yes	9	0.5	457	23.8
no	yes	yes	yes	no	12	0.6	469	24.4
no	yes	yes	yes	yes	10	0.5	479	24.9
yes	no	no	no	no	80	4.2	559	29.1
yes	no	no	no	yes	169	8.8	728	37.9
yes	no	no	yes	no	241	12.6	969	50.5
yes	no	no	yes	yes	131	6.8	1100	57.3
yes	no	yes	no	no	192	10.0	1292	67.3
yes	no	yes	no	yes	61	3.2	1353	70.5
yes	no	yes	yes	no	69	3.6	1422	74.1
yes	no	yes	yes	yes	134	7.0	1556	81.0
yes	yes	no	no	no	132	6.9	1688	87.9
yes	yes	no	no	yes	28	1.5	1716	89.4
yes	yes	no	yes	no	25	1.3	1741	90.7
yes	yes	no	yes	yes	18	0.9	1759	91.6
yes	yes	yes	no	no	37	1.9	1796	93.5
yes	yes	yes	no	yes	16	0.8	1812	94.4
yes	yes	yes	yes	no	26	1.4	1838	95.7
yes	yes	yes	yes	yes	82	4.3	1920	100.0

Analyses Output - Table 7
Comparison of All Reasons for First Choice (Multiple Reasons)

CATMOD PROCEDURE

Response: Q31D*Q32D*Q33D*Q34D*Q35D		Response Levels (R)=	31
Weight Variable: COUNT		Populations (S)=	1
Data Set: Q3OUTALL		Total Frequency (N)=	1920
Frequency Missing: 0		Observations (Obs)=	31

ONE-WAY FREQUENCIES

Variable	Value	Frequency
Q31D	no	479
	yes	1441
Q32D	no	1334
	yes	586
Q33D	no	1044
	yes	876
Q34D	no	975
	yes	945
Q35D	no	1057
	yes	863

Sample	Sample Size
1	1920

Analyses Output - Table 7
Comparison of All Reasons for First Choice (Multiple Reasons)

RESPONSE PROFILES

Response	Q31D	Q32D	Q33D	Q34D	Q35D
1	no	no	no	no	yes
2	no	no	no	yes	no
3	no	no	no	yes	yes
4	no	no	yes	no	no
5	no	no	yes	no	yes
6	no	no	yes	yes	no
7	no	no	yes	yes	yes
8	no	yes	no	no	no
9	no	yes	no	no	yes
10	no	yes	no	yes	no
11	no	yes	no	yes	yes
12	no	yes	yes	no	no
13	no	yes	yes	no	yes
14	no	yes	yes	yes	no
15	no	yes	yes	yes	yes
16	yes	no	no	no	no
17	yes	no	no	no	yes
18	yes	no	no	yes	no
19	yes	no	no	yes	yes
20	yes	no	yes	no	no
21	yes	no	yes	no	yes
22	yes	no	yes	yes	no
23	yes	no	yes	yes	yes
24	yes	yes	no	no	no
25	yes	yes	no	no	yes
26	yes	yes	no	yes	no
27	yes	yes	no	yes	yes
28	yes	yes	yes	no	no
29	yes	yes	yes	no	yes
30	yes	yes	yes	yes	no
31	yes	yes	yes	yes	yes

Sample	Function Number	Response Function	COVARIANCE MATRIX 1	2	3	4	5
1	1	0.2495	0.0000975	-0.000021	-0.000011	4.5458E-6	-2.36E-6
	2	0.6948	-0.000021	0.000110	-3.696E-7	-0.000018	-0.000016
	3	0.5438	-0.000011	-3.696E-7	0.000129	-6.824E-6	-5.627E-6
	4	0.5078	4.5458E-6	-0.000018	-6.824E-6	0.000130	0.000012
	5	0.5505	-2.36E-6	-0.000016	-5.627E-6	0.000012	0.000129

Analyses Output - Table 7
Comparison of All Reasons for First Choice (Multiple Reasons)

Sample	Function Number	DESIGN MATRIX 1	2	3	4	5
1	1	1	1	0	0	0
	2	1	0	1	0	0
	3	1	0	0	1	0
	4	1	0	0	0	1
	5	1	-1	-1	-1	-1

ANALYSIS-OF-VARIANCE TABLE

Source	DF	Chi-Square	Prob
INTERCEPT	1	13849.40	0.0000
Q3CHOICE	4	882.98	0.0000
RESIDUAL	0	.	.

ANALYSIS OF WEIGHTED-LEAST-SQUARES ESTIMATES

Effect	Parameter	Estimate	Standard Error	Chi-Square	Prob
INTERCEPT	1	0.5093	0.00433	13849.40	0.0000
Q3CHOICE	2	-0.2598	0.00943	758.50	0.0000
	3	0.1855	0.0103	321.93	0.0000
	4	0.0345	0.0103	11.24	0.0008
	5	-0.00146	0.0100	0.02	0.8841

ANALYSIS OF CONTRASTS

Contrast	DF	Chi-Square	Prob
q31 vs q32	1	796.10	0.0000
q31 vs q33	1	348.22	0.0000
q31 vs q34	1	305.28	0.0000
q31 vs q35	1	392.12	0.0000
q32 vs q33	1	94.90	0.0000
q32 vs q34	1	126.37	0.0000
q32 vs q35	1	76.80	0.0000
q33 vs q34	1	4.73	0.0296
q33 vs q35	1	0.17	0.6799
q34 vs q35	1	7.76	0.0053

Analyses Output - Table 7
Comparison of All Reasons for First Choice (Multiple Reasons)

---------- Q1D=1 ----------

Q31D	Q32D	Q33D	Q34D	Q35D	Frequency	Percent	Cumulative Frequency	Cumulative Percent
no	no	no	no	yes	8	1.8	8	1.8
no	no	no	yes	yes	10	2.2	18	4.0
no	no	yes	no	no	7	1.5	25	5.5
no	no	yes	no	yes	9	2.0	34	7.5
no	no	yes	yes	no	8	1.8	42	9.3
no	no	yes	yes	yes	4	0.9	46	10.1
no	yes	no	no	no	10	2.2	56	12.3
no	yes	no	no	yes	10	2.2	66	14.5
no	yes	no	yes	no	10	2.2	76	16.7
no	yes	no	yes	yes	5	1.1	81	17.8
no	yes	yes	no	no	25	5.5	106	23.3
no	yes	yes	no	yes	3	0.7	109	24.0
no	yes	yes	yes	no	5	1.1	114	25.1
no	yes	yes	yes	yes	3	0.7	117	25.8
yes	no	no	no	no	15	3.3	132	29.1
yes	no	no	no	yes	37	8.1	169	37.2
yes	no	no	yes	no	35	7.7	204	44.9
yes	no	no	yes	yes	14	3.1	218	48.0
yes	no	yes	no	no	62	13.7	280	61.7
yes	no	yes	no	yes	15	3.3	295	65.0
yes	no	yes	yes	no	14	3.1	309	68.1
yes	no	yes	yes	yes	28	6.2	337	74.2
yes	yes	no	no	no	36	7.9	373	82.2
yes	yes	no	no	yes	14	3.1	387	85.2
yes	yes	no	yes	no	8	1.8	395	87.0
yes	yes	no	yes	yes	4	0.9	399	87.9
yes	yes	yes	no	no	14	3.1	413	91.0
yes	yes	yes	no	yes	6	1.3	419	92.3
yes	yes	yes	yes	no	8	1.8	427	94.1
yes	yes	yes	yes	yes	27	5.9	454	100.0

Analyses Output - Table 7
Comparison of All Reasons for First Choice (Multiple Reasons)

---------- Q1D=2 ----------

Q31D	Q32D	Q33D	Q34D	Q35D	Frequency	Percent	Cumulative Frequency	Cumulative Percent
no	no	no	no	yes	8	2.8	8	2.8
no	no	no	yes	yes	13	4.5	21	7.3
no	no	yes	no	no	9	3.1	30	10.4
no	no	yes	no	yes	11	3.8	41	14.2
no	no	yes	yes	no	8	2.8	49	17.0
no	no	yes	yes	yes	1	0.3	50	17.4
no	yes	no	no	no	9	3.1	59	20.5
no	yes	no	no	yes	9	3.1	68	23.6
no	yes	no	yes	no	5	1.7	73	25.3
no	yes	yes	no	no	16	5.6	89	30.9
no	yes	yes	no	yes	3	1.0	92	31.9
no	yes	yes	yes	no	5	1.7	97	33.7
no	yes	yes	yes	yes	1	0.3	98	34.0
yes	no	no	no	no	11	3.8	109	37.8
yes	no	no	no	yes	19	6.6	128	44.4
yes	no	no	yes	no	23	8.0	151	52.4
yes	no	no	yes	yes	13	4.5	164	56.9
yes	no	yes	no	no	29	10.1	193	67.0
yes	no	yes	no	yes	12	4.2	205	71.2
yes	no	yes	yes	no	8	2.8	213	74.0
yes	no	yes	yes	yes	12	4.2	225	78.1
yes	yes	no	no	no	22	7.6	247	85.8
yes	yes	no	no	yes	2	0.7	249	86.5
yes	yes	no	yes	no	3	1.0	252	87.5
yes	yes	no	yes	yes	5	1.7	257	89.2
yes	yes	yes	no	no	7	2.4	264	91.7
yes	yes	yes	no	yes	7	2.4	271	94.1
yes	yes	yes	yes	no	3	1.0	274	95.1
yes	yes	yes	yes	yes	14	4.9	288	100.0

Analyses Output - Table 7
Comparison of All Reasons for First Choice (Multiple Reasons)

---------- Q1D=3 ----------

Q31D	Q32D	Q33D	Q34D	Q35D	Frequency	Percent	Cumulative Frequency	Cumulative Percent
no	no	no	no	yes	10	1.1	10	1.1
no	no	no	yes	no	1	0.1	11	1.3
no	no	no	yes	yes	37	4.2	48	5.5
no	no	yes	no	no	8	0.9	56	6.4
no	no	yes	no	yes	15	1.7	71	8.1
no	no	yes	yes	no	25	2.9	96	11.0
no	no	yes	yes	yes	5	0.6	101	11.6
no	yes	no	no	no	5	0.6	106	12.1
no	yes	no	no	yes	10	1.1	116	13.3
no	yes	no	yes	no	18	2.1	134	15.3
no	yes	no	yes	yes	1	0.1	135	15.5
no	yes	yes	no	no	16	1.8	151	17.3
no	yes	yes	no	yes	2	0.2	153	17.5
no	yes	yes	yes	no	1	0.1	154	17.6
no	yes	yes	yes	yes	4	0.5	158	18.1
yes	no	no	no	no	44	5.0	202	23.1
yes	no	no	no	yes	82	9.4	284	32.5
yes	no	no	yes	no	131	15.0	415	47.5
yes	no	no	yes	yes	89	10.2	504	57.7
yes	no	yes	no	no	77	8.8	581	66.6
yes	no	yes	no	yes	26	3.0	607	69.5
yes	no	yes	yes	no	41	4.7	648	74.2
yes	no	yes	yes	yes	88	10.1	736	84.3
yes	yes	no	no	no	44	5.0	780	89.3
yes	yes	no	no	yes	11	1.3	791	90.6
yes	yes	no	yes	no	10	1.1	801	91.8
yes	yes	no	yes	yes	8	0.9	809	92.7
yes	yes	yes	no	no	15	1.7	824	94.4
yes	yes	yes	no	yes	3	0.3	827	94.7
yes	yes	yes	yes	no	13	1.5	840	96.2
yes	yes	yes	yes	yes	33	3.8	873	100.0

Analyses Output - Table 7
Comparison of All Reasons for First Choice (Multiple Reasons)

---------- Q1D=4 ----------

Q31D	Q32D	Q33D	Q34D	Q35D	Frequency	Percent	Cumulative Frequency	Cumulative Percent
no	no	no	no	yes	2	0.7	2	0.7
no	no	no	yes	yes	14	4.6	16	5.2
no	no	yes	no	no	9	3.0	25	8.2
no	no	yes	no	yes	13	4.3	38	12.5
no	no	yes	yes	no	19	6.2	57	18.7
no	no	yes	yes	yes	3	1.0	60	19.7
no	yes	no	no	no	9	3.0	69	22.6
no	yes	no	no	yes	6	2.0	75	24.6
no	yes	no	yes	no	9	3.0	84	27.5
no	yes	no	yes	yes	1	0.3	85	27.9
no	yes	yes	no	no	17	5.6	102	33.4
no	yes	yes	no	yes	1	0.3	103	33.8
no	yes	yes	yes	no	1	0.3	104	34.1
no	yes	yes	yes	yes	2	0.7	106	34.8
yes	no	no	no	no	10	3.3	116	38.0
yes	no	no	no	yes	31	10.2	147	48.2
yes	no	no	yes	no	52	17.0	199	65.2
yes	no	no	yes	yes	15	4.9	214	70.2
yes	no	yes	no	no	24	7.9	238	78.0
yes	no	yes	no	yes	8	2.6	246	80.7
yes	no	yes	yes	no	6	2.0	252	82.6
yes	no	yes	yes	yes	6	2.0	258	84.6
yes	yes	no	no	no	30	9.8	288	94.4
yes	yes	no	no	yes	1	0.3	289	94.8
yes	yes	no	yes	no	4	1.3	293	96.1
yes	yes	no	yes	yes	1	0.3	294	96.4
yes	yes	yes	no	no	1	0.3	295	96.7
yes	yes	yes	yes	no	2	0.7	297	97.4
yes	yes	yes	yes	yes	8	2.6	305	100.0

Analyses Output - Table 7
Comparison of All Reasons for First Choice (Multiple Reasons)

---------- Q1D=1 ----------

CATMOD PROCEDURE

Response: Q31D*Q32D*Q33D*Q34D*Q35D		Response Levels (R)=	30
Weight Variable: COUNT		Populations (S)=	1
Data Set: Q3OUT		Total Frequency (N)=	454
Frequency Missing: 0		Observations (Obs)=	30

ONE-WAY FREQUENCIES

Variable	Value	Frequency
Q31D	no	117
	yes	337
Q32D	no	266
	yes	188
Q33D	no	216
	yes	238
Q34D	no	271
	yes	183
Q35D	no	257
	yes	197

Sample	Sample Size
1	454

Analyses Output - Table 7
Comparison of All Reasons for First Choice (Multiple Reasons)

---------- Q1D=1 ----------

RESPONSE PROFILES

Response	Q31D	Q32D	Q33D	Q34D	Q35D
1	no	no	no	no	yes
2	no	no	no	yes	yes
3	no	no	yes	no	no
4	no	no	yes	no	yes
5	no	no	yes	yes	no
6	no	no	yes	yes	yes
7	no	yes	no	no	no
8	no	yes	no	no	yes
9	no	yes	no	yes	no
10	no	yes	no	yes	yes
11	no	yes	yes	no	no
12	no	yes	yes	no	yes
13	no	yes	yes	yes	no
14	no	yes	yes	yes	yes
15	yes	no	no	no	no
16	yes	no	no	no	yes
17	yes	no	no	yes	no
18	yes	no	no	yes	yes
19	yes	no	yes	no	no
20	yes	no	yes	no	yes
21	yes	no	yes	yes	no
22	yes	no	yes	yes	yes
23	yes	yes	no	no	no
24	yes	yes	no	no	yes
25	yes	yes	no	yes	no
26	yes	yes	no	yes	yes
27	yes	yes	yes	no	no
28	yes	yes	yes	no	yes
29	yes	yes	yes	yes	no
30	yes	yes	yes	yes	yes

Analyses Output - Table 7
Comparison of All Reasons for First Choice (Multiple Reasons)

Sample	Function Number	Response Function	COVARIANCE MATRIX 1	2	3	4	5
1	1	0.2577	0.000421	-0.000109	-0.000013	0.0000105	-5.974E-6
	2	0.5859	-0.000109	0.000534	-0.000037	-0.000028	-0.000046
	3	0.4758	-0.000013	-0.000037	0.000549	5.1722E-6	-0.00004
	4	0.5969	0.0000105	-0.000028	5.1722E-6	0.000530	0.0000756
	5	0.5661	-5.974E-6	-0.000046	-0.00004	0.0000756	0.000541

Analyses Output - Table 7
Comparison of All Reasons for First Choice (Multiple Reasons)

---------- Q1D=1 ----------

Sample	Function Number	DESIGN MATRIX 1	2	3	4	5
1	1	1	1	0	0	0
	2	1	0	1	0	0
	3	1	0	0	1	0
	4	1	0	0	0	1
	5	1	-1	-1	-1	-1

ANALYSIS-OF-VARIANCE TABLE

Source	DF	Chi-Square	Prob
INTERCEPT	1	2801.60	0.0000
Q3CHOICE	4	160.62	0.0000
RESIDUAL	0	.	.

ANALYSIS OF WEIGHTED-LEAST-SQUARES ESTIMATES

Effect	Parameter	Estimate	Standard Error	Chi-Square	Prob
INTERCEPT	1	0.4965	0.00938	2801.60	0.0000
Q3CHOICE	2	-0.2388	0.0197	146.96	0.0000
	3	0.0894	0.0223	16.10	0.0001
	4	-0.0207	0.0212	0.95	0.3298
	5	0.1004	0.0195	26.50	0.0000

Analyses Output - Table 7
Comparison of All Reasons for First Choice (Multiple Reasons)

ANALYSIS OF CONTRASTS

Contrast	DF	Chi-Square	Prob
q31 vs q32	1	91.70	0.0000
q31 vs q33	1	47.71	0.0000
q31 vs q34	1	123.67	0.0000
q31 vs q35	1	97.60	0.0000
q32 vs q33	1	10.48	0.0012
q32 vs q34	1	0.11	0.7421
q32 vs q35	1	0.34	0.5619
q33 vs q34	1	13.73	0.0002
q33 vs q35	1	6.97	0.0083
q34 vs q35	1	1.03	0.3092

Analyses Output - Table 7
Comparison of All Reasons for First Choice (Multiple Reasons)

---------- Q1D=2 ----------

CATMOD PROCEDURE

Response: Q31D*Q32D*Q33D*Q34D*Q35D		Response Levels (R)=	29
Weight Variable: COUNT		Populations (S)=	1
Data Set: Q3OUT		Total Frequency (N)=	288
Frequency Missing: 0		Observations (Obs)=	29

ONE-WAY FREQUENCIES

Variable	Value	Frequency
Q31D	no	98
	yes	190
Q32D	no	177
	yes	111
Q33D	no	142
	yes	146
Q34D	no	174
	yes	114
Q35D	no	158
	yes	130

Sample	Sample Size
1	288

Analyses Output - Table 7
Comparison of All Reasons for First Choice (Multiple Reasons)

---------- Q1D=2 ----------

RESPONSE PROFILES

Response	Q31D	Q32D	Q33D	Q34D	Q35D
1	no	no	no	no	yes
2	no	no	no	yes	yes
3	no	no	yes	no	no
4	no	no	yes	no	yes
5	no	no	yes	yes	no
6	no	no	yes	yes	yes
7	no	yes	no	no	no
8	no	yes	no	no	yes
9	no	yes	no	yes	no
10	no	yes	yes	no	no
11	no	yes	yes	no	yes
12	no	yes	yes	yes	no
13	no	yes	yes	yes	yes
14	yes	no	no	no	no
15	yes	no	no	no	yes
16	yes	no	no	yes	no
17	yes	no	no	yes	yes
18	yes	no	yes	no	no
19	yes	no	yes	no	yes
20	yes	no	yes	yes	no
21	yes	no	yes	yes	yes
22	yes	yes	no	no	no
23	yes	yes	no	no	yes
24	yes	yes	no	yes	no
25	yes	yes	no	yes	yes
26	yes	yes	yes	no	no
27	yes	yes	yes	no	yes
28	yes	yes	yes	yes	no
29	yes	yes	yes	yes	yes

Analyses Output - Table 7
Comparison of All Reasons for First Choice (Multiple Reasons)

Sample	Function Number	Response Function	COVARIANCE MATRIX 1	2	3	4	5
1	1	0.3403	0.000779	-0.000123	-0.000052	0.0000698	-0.000021
	2	0.6146	-0.000123	0.000822	-3.265E-6	-0.000096	-0.000110
	3	0.4931	-0.000052	-3.265E-6	0.000868	-0.00007	-0.000059
	4	0.6042	0.0000698	-0.000096	-0.00007	0.000830	0.0000909
	5	0.5486	-0.000021	-0.000110	-0.000059	0.0000909	0.000860

Analyses Output - Table 7
Comparison of All Reasons for First Choice (Multiple Reasons)

---------- Q1D=2 ----------

Sample	Function Number	DESIGN MATRIX 1	2	3	4	5
1	1	1	1	0	0	0
	2	1	0	1	0	0
	3	1	0	0	1	0
	4	1	0	0	0	1
	5	1	-1	-1	-1	-1

ANALYSIS-OF-VARIANCE TABLE

Source	DF	Chi-Square	Prob
INTERCEPT	1	1981.78	0.0000
Q3CHOICE	4	62.48	0.0000
RESIDUAL	0	.	.

ANALYSIS OF WEIGHTED-LEAST-SQUARES ESTIMATES

Effect	Parameter	Estimate	Standard Error	Chi-Square	Prob
INTERCEPT	1	0.5201	0.0117	1981.78	0.0000
Q3CHOICE	2	-0.1799	0.0256	49.39	0.0000
	3	0.0944	0.0276	11.69	0.0006
	4	-0.0271	0.0270	1.00	0.3165
	5	0.0840	0.0252	11.09	0.0009

Analyses Output - Table 7
Comparison of All Reasons for First Choice (Multiple Reasons)

ANALYSIS OF CONTRASTS

Contrast	DF	Chi-Square	Prob
q31 vs q32	1	40.70	0.0000
q31 vs q33	1	13.33	0.0003
q31 vs q34	1	47.37	0.0000
q31 vs q35	1	25.81	0.0000
q32 vs q33	1	8.70	0.0032
q32 vs q34	1	0.06	0.8083
q32 vs q35	1	2.29	0.1303
q33 vs q34	1	6.72	0.0095
q33 vs q35	1	1.67	0.1960
q34 vs q35	1	2.05	0.1526

Analyses Output - Table 7
Comparison of All Reasons for First Choice (Multiple Reasons)

---------- Q1D=3 ----------

CATMOD PROCEDURE

Response: Q31D*Q32D*Q33D*Q34D*Q35D		Response Levels (R)=	31
Weight Variable: COUNT		Populations (S)=	1
Data Set: Q3OUT		Total Frequency (N)=	873
Frequency Missing: 0		Observations (Obs)=	31

ONE-WAY FREQUENCIES

Variable	Value	Frequency
Q31D	no	158
	yes	715
Q32D	no	679
	yes	194
Q33D	no	501
	yes	372
Q34D	no	368
	yes	505
Q35D	no	449
	yes	424

Sample	Sample Size
1	873

Analyses Output - Table 7
Comparison of All Reasons for First Choice (Multiple Reasons)

---------- Q1D=3 ----------

RESPONSE PROFILES

Response	Q31D	Q32D	Q33D	Q34D	Q35D
1	no	no	no	no	yes
2	no	no	no	yes	no
3	no	no	no	yes	yes
4	no	no	yes	no	no
5	no	no	yes	no	yes
6	no	no	yes	yes	no
7	no	no	yes	yes	yes
8	no	yes	no	no	no
9	no	yes	no	no	yes
10	no	yes	no	yes	no
11	no	yes	no	yes	yes
12	no	yes	yes	no	no
13	no	yes	yes	no	yes
14	no	yes	yes	yes	no
15	no	yes	yes	yes	yes
16	yes	no	no	no	no
17	yes	no	no	no	yes
18	yes	no	no	yes	no
19	yes	no	no	yes	yes
20	yes	no	yes	no	no
21	yes	no	yes	no	yes
22	yes	no	yes	yes	no
23	yes	no	yes	yes	yes
24	yes	yes	no	no	no
25	yes	yes	no	no	yes
26	yes	yes	no	yes	no
27	yes	yes	no	yes	yes
28	yes	yes	yes	no	no
29	yes	yes	yes	no	yes
30	yes	yes	yes	yes	no
31	yes	yes	yes	yes	yes

Analyses Output - Table 7
Comparison of All Reasons for First Choice (Multiple Reasons)

Function Sample	Response Number	Function	COVARIANCE MATRIX 1	2	3	4	5
1	1	0.1810	0.000170	-0.000029	-0.000011	-7.906E-7	-9.529E-6
	2	0.7778	-0.000029	0.000198	5.6858E-6	-0.000032	-0.000029
	3	0.5739	-0.000011	5.6858E-6	0.000280	-6.809E-6	-6.132E-6
	4	0.4215	-7.906E-7	-0.000032	-6.809E-6	0.000279	0.0000259
	5	0.5143	-9.529E-6	-0.000029	-6.132E-6	0.0000259	0.000286

Analyses Output - Table 7
Comparison of All Reasons for First Choice (Multiple Reasons)

---------- Q1D=3 ----------

Sample	Function Number	DESIGN MATRIX 1	2	3	4	5
1	1	1	1	0	0	0
	2	1	0	1	0	0
	3	1	0	0	1	0
	4	1	0	0	0	1
	5	1	-1	-1	-1	-1

ANALYSIS-OF-VARIANCE TABLE

Source	DF	Chi-Square	Prob
INTERCEPT	1	5928.16	0.0000
Q3CHOICE	4	872.95	0.0000
RESIDUAL	0	.	.

ANALYSIS OF WEIGHTED-LEAST-SQUARES ESTIMATES

Effect	Parameter	Estimate	Standard Error	Chi-Square	Prob
INTERCEPT	1	0.4937	0.00641	5928.16	0.0000
Q3CHOICE	2	-0.3127	0.0128	599.35	0.0000
	3	0.2841	0.0139	417.06	0.0000
	4	0.0802	0.0147	29.68	0.0000
	5	-0.0722	0.0146	24.32	0.0000

Analyses Output - Table 7
Comparison of All Reasons for First Choice (Multiple Reasons)

ANALYSIS OF CONTRASTS

Contrast	DF	Chi-Square	Prob
q31 vs q32	1	837.60	0.0000
q31 vs q33	1	326.59	0.0000
q31 vs q34	1	128.39	0.0000
q31 vs q35	1	233.93	0.0000
q32 vs q33	1	89.07	0.0000
q32 vs q34	1	234.64	0.0000
q32 vs q35	1	127.96	0.0000
q33 vs q34	1	40.50	0.0000
q33 vs q35	1	6.13	0.0133
q34 vs q35	1	16.76	0.0000

Analyses Output - Table 7
Comparison of All Reasons for First Choice (Multiple Reasons)

---------- Q1D=4 ----------

CATMOD PROCEDURE

Response: Q31D*Q32D*Q33D*Q34D*Q35D		Response Levels (R)=	29
Weight Variable: COUNT		Populations (S)=	1
Data Set: Q3OUT		Total Frequency (N)=	305
Frequency Missing: 0		Observations (Obs)=	29

ONE-WAY FREQUENCIES

Variable	Value	Frequency
Q31D	no	106
	yes	199
Q32D	no	212
	yes	93
Q33D	no	185
	yes	120
Q34D	no	162
	yes	143
Q35D	no	193
	yes	112

Sample	Sample Size
1	305

Analyses Output - Table 7
Comparison of All Reasons for First Choice (Multiple Reasons)

---------- Q1D=4 ----------

RESPONSE PROFILES

Response	Q31D	Q32D	Q33D	Q34D	Q35D
1	no	no	no	no	yes
2	no	no	no	yes	yes
3	no	no	yes	no	no
4	no	no	yes	no	yes
5	no	no	yes	yes	no
6	no	no	yes	yes	yes
7	no	yes	no	no	no
8	no	yes	no	no	yes
9	no	yes	no	yes	no
10	no	yes	no	yes	yes
11	no	yes	yes	no	no
12	no	yes	yes	no	yes
13	no	yes	yes	yes	no
14	no	yes	yes	yes	yes
15	yes	no	no	no	no
16	yes	no	no	no	yes
17	yes	no	no	yes	no
18	yes	no	no	yes	yes
19	yes	no	yes	no	no
20	yes	no	yes	no	yes
21	yes	no	yes	yes	no
22	yes	no	yes	yes	yes
23	yes	yes	no	no	no
24	yes	yes	no	no	yes
25	yes	yes	no	yes	no
26	yes	yes	no	yes	yes
27	yes	yes	yes	no	no
28	yes	yes	yes	yes	no
29	yes	yes	yes	yes	yes

Analyses Output - Table 7
Comparison of All Reasons for First Choice (Multiple Reasons)

Sample	Function Number	Response Function	COVARIANCE MATRIX 1	2	3	4	5
1	1	0.3475	0.000743	-0.000147	-0.000250	7.5072E-6	-0.000033
	2	0.6951	-0.000147	0.000695	-0.000049	-0.000168	-0.000152
	3	0.6066	-0.000250	-0.000049	0.000782	-0.0001	-0.000033
	4	0.5311	7.5072E-6	-0.000168	-0.0001	0.000816	-0.000027
	5	0.6328	-0.000033	-0.000152	-0.000033	-0.000027	0.000762

Analyses Output - Table 7
Comparison of All Reasons for First Choice (Multiple Reasons)

---------- Q1D=4 ----------

Sample	Function Number	DESIGN MATRIX 1	2	3	4	5
1	1	1	1	0	0	0
	2	1	0	1	0	0
	3	1	0	0	1	0
	4	1	0	0	0	1
	5	1	-1	-1	-1	-1

ANALYSIS-OF-VARIANCE TABLE

Source	DF	Chi-Square	Prob
INTERCEPT	1	4174.51	0.0000
Q3CHOICE	4	83.76	0.0000
RESIDUAL	0	.	.

ANALYSIS OF WEIGHTED-LEAST-SQUARES ESTIMATES

Effect	Parameter	Estimate	Standard Error	Chi-Square	Prob
INTERCEPT	1	0.5626	0.00871	4174.51	0.0000
Q3CHOICE	2	-0.2151	0.0263	66.94	0.0000
	3	0.1325	0.0264	25.09	0.0000
	4	0.0439	0.0268	2.69	0.1011
	5	-0.0315	0.0261	1.46	0.2276

Analyses Output - Table 7
Comparison of All Reasons for First Choice (Multiple Reasons)

ANALYSIS OF CONTRASTS

Contrast	DF	Chi-Square	Prob
q31 vs q32	1	69.72	0.0000
q31 vs q33	1	33.10	0.0000
q31 vs q34	1	21.82	0.0000
q31 vs q35	1	51.78	0.0000
q32 vs q33	1	4.97	0.0258
q32 vs q34	1	14.55	0.0001
q32 vs q35	1	2.20	0.1377
q33 vs q34	1	3.16	0.0753
q33 vs q35	1	0.43	0.5133
q34 vs q35	1	6.33	0.0119

Analyses Output - Table 8
Comparison of All Reasons for Second Choice (Multiple Reasons)

Q51D	Q52D	Q53D	Q54D	Frequency	Percent	Cumulative Frequency	Cumulative Percent
no	no	no	yes	161	8.4	161	8.4
no	no	yes	no	376	19.6	537	28.0
no	no	yes	yes	41	2.1	578	30.1
no	yes	no	no	435	22.7	1013	52.8
no	yes	no	yes	32	1.7	1045	54.4
no	yes	yes	no	80	4.2	1125	58.6
no	yes	yes	yes	16	0.8	1141	59.4
yes	no	no	no	401	20.9	1542	80.3
yes	no	no	yes	31	1.6	1573	81.9
yes	no	yes	no	69	3.6	1642	85.5
yes	no	yes	yes	21	1.1	1663	86.6
yes	yes	no	no	116	6.0	1779	92.7
yes	yes	no	yes	17	0.9	1796	93.5
yes	yes	yes	no	72	3.8	1868	97.3
yes	yes	yes	yes	52	2.7	1920	100.0

Analyses Output - Table 8
Comparison of All Reasons for Second Choice (Multiple Reasons)

CATMOD PROCEDURE

Response: Q51D*Q52D*Q53D*Q54D	Response Levels (R)= 15
Weight Variable: COUNT	Populations (S)= 1
Data Set: Q5OUTALL	Total Frequency (N)= 1920
Frequency Missing: 0	Observations (Obs)= 15

ONE-WAY FREQUENCIES

Variable	Value	Frequency
Q51D	no	1141
	yes	779
Q52D	no	1100
	yes	820
Q53D	no	1193
	yes	727
Q54D	no	1549
	yes	371

Sample	Sample Size
1	1920

Analyses Output - Table 8
Comparison of All Reasons for Second Choice (Multiple Reasons)

RESPONSE PROFILES

Response	Q51D	Q52D	Q53D	Q54D
1	no	no	no	yes
2	no	no	yes	no
3	no	no	yes	yes
4	no	yes	no	no
5	no	yes	no	yes
6	no	yes	yes	no
7	no	yes	yes	yes
8	yes	no	no	no
9	yes	no	no	yes
10	yes	no	yes	no
11	yes	no	yes	yes
12	yes	yes	no	no
13	yes	yes	no	yes
14	yes	yes	yes	no
15	yes	yes	yes	yes

Sample	Function Number	Response Function	COVARIANCE MATRIX 1	2	3	4
1	1	0.5943	0.000126	-0.000021	-0.000022	-8.009E-6
	2	0.5729	-0.000021	0.000127	-0.000025	-0.000011
	3	0.6214	-0.000022	-0.000025	0.000123	-2.842E-6
	4	0.8068	-8.009E-6	-0.000011	-2.842E-6	0.0000812

Sample	Function Number	DESIGN MATRIX 1	2	3	4
1	1	1	1	0	0
	2	1	0	1	0
	3	1	0	0	1
	4	1	-1	-1	-1

Analyses Output - Table 8
Comparison of All Reasons for Second Choice (Multiple Reasons)

ANALYSIS-OF-VARIANCE TABLE

Source	DF	Chi-Square	Prob
INTERCEPT	1	24187.91	0.0000
Q5CHOICE	3	364.38	0.0000
RESIDUAL	0	.	.

Analyses Output - Table 8
Comparison of All Reasons for Second Choice (Multiple Reasons)

ANALYSIS OF WEIGHTED-LEAST-SQUARES ESTIMATES

Effect	Parameter	Estimate	Standard Error	Chi-Square	Prob
INTERCEPT	1	0.6488	0.00417	24187.91	0.0000
Q5CHOICE	2	-0.0546	0.0103	28.23	0.0000
	3	-0.0759	0.0105	52.73	0.0000
	4	-0.0275	0.0102	7.30	0.0069

ANALYSIS OF CONTRASTS

Contrast	DF	Chi-Square	Prob
q51 vs q52	1	1.55	0.2131
q51 vs q53	1	2.51	0.1130
q51 vs q54	1	202.68	0.0000
q52 vs q53	1	7.84	0.0051
q52 vs q54	1	236.62	0.0000
q53 vs q34	1	164.17	0.0000

Analyses Output - Table 8
Comparison of All Reasons for Second Choice (Multiple Reasons)

---------- Q41D=1 ----------

Q51D	Q52D	Q53D	Q54D	Frequency	Percent	Cumulative Frequency	Cumulative Percent
no	no	no	yes	74	9.1	74	9.1
no	no	yes	no	150	18.4	224	27.5
no	no	yes	yes	23	2.8	247	30.3
no	yes	no	no	164	20.1	411	50.4
no	yes	no	yes	19	2.3	430	52.7
no	yes	yes	no	36	4.4	466	57.1
no	yes	yes	yes	9	1.1	475	58.2
yes	no	no	no	160	19.6	635	77.8
yes	no	no	yes	17	2.1	652	79.9
yes	no	yes	no	29	3.6	681	83.5
yes	no	yes	yes	10	1.2	691	84.7
yes	yes	no	no	46	5.6	737	90.3
yes	yes	no	yes	9	1.1	746	91.4
yes	yes	yes	no	44	5.4	790	96.8
yes	yes	yes	yes	26	3.2	816	100.0

Analyses Output - Table 8

Comparison of All Reasons for Second Choice (Multiple Reasons)

---------- Q41D=2 ----------

Q51D	Q52D	Q53D	Q54D	Frequency	Percent	Cumulative Frequency	Cumulative Percent
no	no	no	yes	37	8.7	37	8.7
no	no	yes	no	81	19.0	118	27.6
no	no	yes	yes	9	2.1	127	29.7
no	yes	no	no	93	21.8	220	51.5
no	yes	no	yes	4	0.9	224	52.5
no	yes	yes	no	18	4.2	242	56.7
no	yes	yes	yes	4	0.9	246	57.6
yes	no	no	no	97	22.7	343	80.3
yes	no	no	yes	8	1.9	351	82.2
yes	no	yes	no	18	4.2	369	86.4
yes	no	yes	yes	8	1.9	377	88.3
yes	yes	no	no	22	5.2	399	93.4
yes	yes	no	yes	1	0.2	400	93.7
yes	yes	yes	no	14	3.3	414	97.0
yes	yes	yes	yes	13	3.0	427	100.0

Analyses Output - Table 8
Comparison of All Reasons for Second Choice (Multiple Reasons)

---------- Q41D=3 ----------

Q51D	Q52D	Q53D	Q54D	Frequency	Percent	Cumulative Frequency	Cumulative Percent
no	no	no	yes	30	6.8	30	6.8
no	no	yes	no	81	18.4	111	25.2
no	no	yes	yes	5	1.1	116	26.4
no	yes	no	no	119	27.0	235	53.4
no	yes	no	yes	2	0.5	237	53.9
no	yes	yes	no	22	5.0	259	58.9
no	yes	yes	yes	3	0.7	262	59.5
yes	no	no	no	90	20.5	352	80.0
yes	no	no	yes	6	1.4	358	81.4
yes	no	yes	no	17	3.9	375	85.2
yes	no	yes	yes	3	0.7	378	85.9
yes	yes	no	no	33	7.5	411	93.4
yes	yes	no	yes	6	1.4	417	94.8
yes	yes	yes	no	12	2.7	429	97.5
yes	yes	yes	yes	11	2.5	440	100.0

Analyses Output - Table 8
Comparison of All Reasons for Second Choice (Multiple Reasons)

---------- Q41D=4 ----------

Q51D	Q52D	Q53D	Q54D	Frequency	Percent	Cumulative Frequency	Cumulative Percent
no	no	no	yes	20	8.4	20	8.4
no	no	yes	no	64	27.0	84	35.4
no	no	yes	yes	4	1.7	88	37.1
no	yes	no	no	59	24.9	147	62.0
no	yes	no	yes	7	3.0	154	65.0
no	yes	yes	no	4	1.7	158	66.7
yes	no	no	no	54	22.8	212	89.5
yes	no	yes	no	5	2.1	217	91.6
yes	yes	no	no	15	6.3	232	97.9
yes	yes	no	yes	1	0.4	233	98.3
yes	yes	yes	no	2	0.8	235	99.2
yes	yes	yes	yes	2	0.8	237	100.0

Analyses Output - Table 8
Comparison of All Reasons for Second Choice (Multiple Reasons)

---------- Q41D=1 ----------

CATMOD PROCEDURE

Response: Q51D*Q52D*Q53D*Q54D	Response Levels (R)= 15
Weight Variable: COUNT	Populations (S)= 1
Data Set: Q5OUT	Total Frequency (N)= 816
Frequency Missing: 0	Observations (Obs)= 15

ONE-WAY FREQUENCIES

Variable	Value	Frequency
Q51D	no	475
	yes	341
Q52D	no	463
	yes	353
Q53D	no	489
	yes	327
Q54D	no	629
	yes	187

Sample	Sample Size
1	816

Analyses Output - Table 8
Comparison of All Reasons for Second Choice (Multiple Reasons)

---------- Q41D=1 ----------

RESPONSE PROFILES

Response	Q51D	Q52D	Q53D	Q54D
1	no	no	no	yes
2	no	no	yes	no
3	no	no	yes	yes
4	no	yes	no	no
5	no	yes	no	yes
6	no	yes	yes	no
7	no	yes	yes	yes
8	yes	no	no	no
9	yes	no	no	yes
10	yes	no	yes	no
11	yes	no	yes	yes
12	yes	yes	no	no
13	yes	yes	no	yes
14	yes	yes	yes	no
15	yes	yes	yes	yes

Sample	Function Number	Response Function	COVARIANCE MATRIX 1	2	3	4
1	1	0.5821	0.000298	-0.000034	-0.000042	-0.000024
	2	0.5674	-0.000034	0.000301	-0.00004	-0.000027
	3	0.5993	-0.000042	-0.00004	0.000294	-0.00001
	4	0.7708	-0.000024	-0.000027	-0.00001	0.000216

Analyses Output - Table 8
Comparison of All Reasons for Second Choice (Multiple Reasons)

Sample	Function Number	DESIGN MATRIX 1	2	3	4
1	1	1	1	0	0
	2	1	0	1	0
	3	1	0	0	1
	4	1	-1	-1	-1

ANALYSIS-OF-VARIANCE TABLE

Source	DF	Chi-Square	Prob
INTERCEPT	1	8392.40	0.0000
Q5CHOICE	3	107.21	0.0000
RESIDUAL	0	.	.

Analyses Output - Table 8
Comparison of All Reasons for Second Choice (Multiple Reasons)

---------- Q41D=1 ----------

ANALYSIS OF WEIGHTED-LEAST-SQUARES ESTIMATES

Effect	Parameter	Estimate	Standard Error	Chi-Square	Prob
INTERCEPT	1	0.6299	0.00688	8392.40	0.0000
Q5CHOICE	2	-0.0478	0.0157	9.28	0.0023
	3	-0.0625	0.0157	15.76	0.0001
	4	-0.0306	0.0155	3.91	0.0481

ANALYSIS OF CONTRASTS

Contrast	DF	Chi-Square	Prob
q51 vs q52	1	0.32	0.5689
q51 vs q53	1	0.44	0.5092
q51 vs q54	1	63.25	0.0000
q52 vs q53	1	1.50	0.2199
q52 vs q54	1	72.47	0.0000
q53 vs q54	1	55.37	0.0000

Analyses Output - Table 8
Comparison of All Reasons for Second Choice (Multiple Reasons)

---------- Q41D=2 ----------

CATMOD PROCEDURE

Response: Q51D*Q52D*Q53D*Q54D		Response Levels (R)=	15
Weight Variable: COUNT		Populations (S)=	1
Data Set: Q5OUT		Total Frequency (N)=	427
Frequency Missing: 0		Observations (Obs)=	15

ONE-WAY FREQUENCIES

Variable	Value	Frequency
Q51D	no	246
	yes	181
Q52D	no	258
	yes	169
Q53D	no	262
	yes	165
Q54D	no	343
	yes	84

Sample	Sample Size
1	427

Analyses Output - Table 8
Comparison of All Reasons for Second Choice (Multiple Reasons)

---------- Q41D=2 ----------

RESPONSE PROFILES

Response	Q51D	Q52D	Q53D	Q54D
1	no	no	no	yes
2	no	no	yes	no
3	no	no	yes	yes
4	no	yes	no	no
5	no	yes	no	yes
6	no	yes	yes	no
7	no	yes	yes	yes
8	yes	no	no	no
9	yes	no	no	yes
10	yes	no	yes	no
11	yes	no	yes	yes
12	yes	yes	no	no
13	yes	yes	no	yes
14	yes	yes	yes	no
15	yes	yes	yes	yes

Sample	Function Number	Response Function	COVARIANCE MATRIX 1	2	3	4
1	1	0.5761	0.000572	-0.000119	-0.000093	-0.000031
	2	0.6042	-0.000119	0.000560	-0.000089	-0.000062
	3	0.6136	-0.000093	-0.000089	0.000555	8.4517E-6
	4	0.8033	-0.000031	-0.000062	8.4517E-6	0.000370

Analyses Output - Table 8
Comparison of All Reasons for Second Choice (Multiple Reasons)

Sample	Function Number	DESIGN MATRIX 1	2	3	4
1	1	1	1	0	0
	2	1	0	1	0
	3	1	0	0	1
	4	1	-1	-1	-1

ANALYSIS-OF-VARIANCE TABLE

Source	DF	Chi-Square	Prob
INTERCEPT	1	5239.85	0.0000
Q5CHOICE	3	78.23	0.0000
RESIDUAL	0	.	.

Analyses Output - Table 8
Comparison of All Reasons for Second Choice (Multiple Reasons)

---------- Q41D=2 ----------

ANALYSIS OF WEIGHTED-LEAST-SQUARES ESTIMATES

Effect	Parameter	Estimate	Standard Error	Chi-Square	Prob
INTERCEPT	1	0.6493	0.00897	5239.85	0.0000
Q5CHOICE	2	-0.0732	0.0221	10.98	0.0009
	3	-0.0451	0.0223	4.10	0.0428
	4	-0.0357	0.0211	2.87	0.0905

ANALYSIS OF CONTRASTS

Contrast	DF	Chi-Square	Prob
q51 vs q52	1	0.58	0.4476
q51 vs q53	1	1.07	0.3011
q51 vs q54	1	51.43	0.0000
q52 vs q53	1	0.07	0.7946
q52 vs q54	1	37.61	0.0000
q53 vs q54	1	39.61	0.0000

Analyses Output - Table 8
Comparison of All Reasons for Second Choice (Multiple Reasons)

---------- Q41D=3 ----------

CATMOD PROCEDURE

Response: Q51D*Q52D*Q53D*Q54D	Response Levels (R)= 15
Weight Variable: COUNT	Populations (S)= 1
Data Set: Q5OUT	Total Frequency (N)= 440
Frequency Missing: 0	Observations (Obs)= 15

ONE-WAY FREQUENCIES

Variable	Value	Frequency
Q51D	no	262
	yes	178
Q52D	no	232
	yes	208
Q53D	no	286
	yes	154
Q54D	no	374
	yes	66

Sample	Sample Size
1	440

Analyses Output - Table 8
Comparison of All Reasons for Second Choice (Multiple Reasons)

---------- Q41D=3 ----------

RESPONSE PROFILES

Response	Q51D	Q52D	Q53D	Q54D
1	no	no	no	yes
2	no	no	yes	no
3	no	no	yes	yes
4	no	yes	no	no
5	no	yes	no	yes
6	no	yes	yes	no
7	no	yes	yes	yes
8	yes	no	no	no
9	yes	no	no	yes
10	yes	no	yes	no
11	yes	no	yes	yes
12	yes	yes	no	no
13	yes	yes	no	yes
14	yes	yes	yes	no
15	yes	yes	yes	yes

Sample	Function Number	Response Function	COVARIANCE MATRIX 1	2	3	4
1	1	0.5955	0.000547	-0.000114	-0.0001	-3.616E-6
	2	0.5273	-0.000114	0.000566	-0.000128	-0.000048
	3	0.6500	-0.0001	-0.000128	0.000517	-5.682E-6
	4	0.8500	-3.616E-6	-0.000048	-5.682E-6	0.000290

Analyses Output - Table 8
Comparison of All Reasons for Second Choice (Multiple Reasons)

Sample	Function Number	DESIGN MATRIX 1	2	3	4
1	1	1	1	0	0
	2	1	0	1	0
	3	1	0	0	1
	4	1	-1	-1	-1

ANALYSIS-OF-VARIANCE TABLE

Source	DF	Chi-Square	Prob
INTERCEPT	1	6126.42	0.0000
Q5CHOICE	3	161.28	0.0000
RESIDUAL	0	.	.

Analyses Output - Table 8
Comparison of All Reasons for Second Choice (Multiple Reasons)

---------- Q41D=3 ----------

ANALYSIS OF WEIGHTED-LEAST-SQUARES ESTIMATES

Effect	Parameter	Estimate	Standard Error	Chi-Square	Prob
INTERCEPT	1	0.6557	0.00838	6126.42	0.0000
Q5CHOICE	2	-0.0602	0.0213	8.01	0.0046
	3	-0.1284	0.0223	33.08	0.0000
	4	-0.00568	0.0211	0.07	0.7878

ANALYSIS OF CONTRASTS

Contrast	DF	Chi-Square	Prob
q51 vs q52	1	3.46	0.0628
q51 vs q53	1	2.35	0.1250
q51 vs q54	1	76.73	0.0000
q52 vs q53	1	11.24	0.0008
q52 vs q54	1	109.48	0.0000
q53 vs q54	1	48.89	0.0000

Analyses Output - Table 8
Comparison of All Reasons for Second Choice (Multiple Reasons)

---------- Q41D=4 ----------

CATMOD PROCEDURE

Response: Q51D*Q52D*Q53D*Q54D	Response Levels (R)= 12
Weight Variable: COUNT	Populations (S)= 1
Data Set: Q5OUT	Total Frequency (N)= 237
Frequency Missing: 0	Observations (Obs)= 12

ONE-WAY FREQUENCIES

Variable	Value	Frequency
Q51D	no	158
	yes	79
Q52D	no	147
	yes	90
Q53D	no	156
	yes	81
Q54D	no	203
	yes	34

Sample	Sample Size
1	237

Analyses Output - Table 8
Comparison of All Reasons for Second Choice (Multiple Reasons)

---------- Q41D=4 ----------

RESPONSE PROFILES

Response	Q51D	Q52D	Q53D	Q54D
1	no	no	no	yes
2	no	no	yes	no
3	no	no	yes	yes
4	no	yes	no	no
5	no	yes	no	yes
6	no	yes	yes	no
7	yes	no	no	no
8	yes	no	yes	no
9	yes	yes	no	no
10	yes	yes	no	yes
11	yes	yes	yes	no
12	yes	yes	yes	yes

Sample	Function Number	Response Function	COVARIANCE MATRIX 1	2	3	4
1	1	0.6667	0.000938	-0.000178	-0.000320	-0.000148
	2	0.6203	-0.000178	0.000994	-0.000405	-0.000052
	3	0.6582	-0.000320	-0.000405	0.000949	-0.000100
	4	0.8565	-0.000148	-0.000052	-0.000100	0.000518

Analyses Output - Table 8
Comparison of All Reasons for Second Choice (Multiple Reasons)

Sample	Function Number	DESIGN MATRIX 1	2	3	4
1	1	1	1	0	0
	2	1	0	1	0
	3	1	0	0	1
	4	1	-1	-1	-1

ANALYSIS-OF-VARIANCE TABLE

Source	DF	Chi-Square	Prob
INTERCEPT	1	7918.49	0.0000
Q5CHOICE	3	54.06	0.0000
RESIDUAL	0	.	.

Analyses Output - Table 8
Comparison of All Reasons for Second Choice (Multiple Reasons)

---------- Q41D=4 ----------

ANALYSIS OF WEIGHTED-LEAST-SQUARES ESTIMATES

Effect	Parameter	Estimate	Standard Error	Chi-Square	Prob
INTERCEPT	1	0.7004	0.00787	7918.49	0.0000
Q5CHOICE	2	-0.0338	0.0292	1.33	0.2481
	3	-0.0802	0.0296	7.33	0.0068
	4	-0.0422	0.0308	1.88	0.1709

ANALYSIS OF CONTRASTS

Contrast	DF	Chi-Square	Prob
q51 vs q52	1	0.94	0.3318
q51 vs q53	1	0.03	0.8667
q51 vs q54	1	20.57	0.0000
q52 vs q53	1	0.52	0.4693
q52 vs q54	1	34.55	0.0000
q53 vs q54	1	23.58	0.0000

Analyses Output - Table 9
Comparison of All Reasons for Fourth (Last) Choice (Multiple Reasons)

Q61D	Q62D	Q63D	Q64D	Q65D	Frequency	Percent	Cumulative Frequency	Cumulative Percent
no	no	no	no	yes	126	6.6	126	6.6
no	no	no	yes	no	220	11.5	346	18.0
no	no	no	yes	yes	18	0.9	364	19.0
no	no	yes	no	no	120	6.3	484	25.2
no	no	yes	no	yes	3	0.2	487	25.4
no	no	yes	yes	no	21	1.1	508	26.5
no	no	yes	yes	yes	4	0.2	512	26.7
no	yes	no	no	no	569	29.7	1081	56.4
no	yes	no	no	yes	52	2.7	1133	59.1
no	yes	no	yes	no	106	5.5	1239	64.6
no	yes	no	yes	yes	27	1.4	1266	66.0
no	yes	yes	no	no	34	1.8	1300	67.8
no	yes	yes	no	yes	7	0.4	1307	68.2
no	yes	yes	yes	no	37	1.9	1344	70.1
no	yes	yes	yes	yes	12	0.6	1356	70.7
yes	no	no	no	no	209	10.9	1565	81.6
yes	no	no	no	yes	8	0.4	1573	82.1
yes	no	no	yes	no	19	1.0	1592	83.0
yes	no	no	yes	yes	2	0.1	1594	83.2
yes	no	yes	no	no	15	0.8	1609	83.9
yes	no	yes	no	yes	7	0.4	1616	84.3
yes	no	yes	yes	no	13	0.7	1629	85.0
yes	no	yes	yes	yes	3	0.2	1632	85.1
yes	yes	no	no	no	61	3.2	1693	88.3
yes	yes	no	no	yes	17	0.9	1710	89.2
yes	yes	no	yes	no	51	2.7	1761	91.9
yes	yes	no	yes	yes	31	1.6	1792	93.5
yes	yes	yes	no	no	14	0.7	1806	94.2
yes	yes	yes	no	yes	3	0.2	1809	94.4
yes	yes	yes	yes	no	56	2.9	1865	97.3
yes	yes	yes	yes	yes	52	2.7	1917	100.0

Analyses Output - Table 9
Comparison of All Reasons for Fourth (Last) Choice (Multiple Reasons)

CATMOD PROCEDURE

Response: Q61D*Q62D*Q63D*Q64D*Q65D	Response Levels (R)= 31
Weight Variable: COUNT	Populations (S)= 1
Data Set: Q6OUTALL	Total Frequency (N)= 1917
Frequency Missing: 0	Observations (Obs)= 31

ONE-WAY FREQUENCIES

Variable	Value	Frequency
Q61D	no	1356
	yes	561
Q62D	no	788
	yes	1129
Q63D	no	1516
	yes	401
Q64D	no	1245
	yes	672
Q65D	no	1545
	yes	372

Sample	Sample Size
1	1917

Analyses Output - Table 9
Comparison of All Reasons for Fourth (Last) Choice (Multiple Reasons)

RESPONSE PROFILES

Response	Q61D	Q62D	Q63D	Q64D	Q65D
1	no	no	no	no	yes
2	no	no	no	yes	no
3	no	no	no	yes	yes
4	no	no	yes	no	no
5	no	no	yes	no	yes
6	no	no	yes	yes	no
7	no	no	yes	yes	yes
8	no	yes	no	no	no
9	no	yes	no	no	yes
10	no	yes	no	yes	no
11	no	yes	no	yes	yes
12	no	yes	yes	no	no
13	no	yes	yes	no	yes
14	no	yes	yes	yes	no
15	no	yes	yes	yes	yes
16	yes	no	no	no	no
17	yes	no	no	no	yes
18	yes	no	no	yes	no
19	yes	no	no	yes	yes
20	yes	no	yes	no	no
21	yes	no	yes	no	yes
22	yes	no	yes	yes	no
23	yes	no	yes	yes	yes
24	yes	yes	no	no	no
25	yes	yes	no	no	yes
26	yes	yes	no	yes	no
27	yes	yes	no	yes	yes
28	yes	yes	yes	no	no
29	yes	yes	yes	no	yes
30	yes	yes	yes	yes	no
31	yes	yes	yes	yes	yes

Analyses Output - Table 9
Comparison of All Reasons for Fourth (Last) Choice (Multiple Reasons)

Sample	Function Number	Response Function	COVARIANCE MATRIX 1	2	3	4	5
1	1	0.7074	0.000108	-0.000012	0.0000124	8.2568E-6	3.8467E-6
	2	0.4111	-0.000012	0.000126	-5.759E-6	-6.468E-6	-4.922E-6
	3	0.7908	0.0000124	-5.759E-6	0.0000863	0.0000156	3.5878E-6
	4	0.6495	8.2568E-6	-6.468E-6	0.0000156	0.000119	5.0604E-6
	5	0.8059	3.8467E-6	-4.922E-6	3.5878E-6	5.0604E-6	0.0000816

Analyses Output - Table 9
Comparison of All Reasons for Fourth (Last) Choice (Multiple Reasons)

Sample	Function Number	DESIGN MATRIX 1	2	3	4	5
1	1	1	1	0	0	0
	2	1	0	1	0	0
	3	1	0	0	1	0
	4	1	0	0	0	1
	5	1	-1	-1	-1	-1

ANALYSIS-OF-VARIANCE TABLE

Source	DF	Chi-Square	Prob
INTERCEPT	1	20233.48	0.0000
Q6CHOICE	4	879.82	0.0000
RESIDUAL	0	.	.

ANALYSIS OF WEIGHTED-LEAST-SQUARES ESTIMATES

Effect	Parameter	Estimate	Standard Error	Chi-Square	Prob
INTERCEPT	1	0.6729	0.00473	20233.48	0.0000
Q6CHOICE	2	0.0344	0.00907	14.40	0.0001
	3	-0.2619	0.0105	623.68	0.0000
	4	0.1179	0.00799	217.83	0.0000
	5	-0.0235	0.00920	6.51	0.0107

Analyses Output - Table 9
Comparison of All Reasons for Fourth (Last) Choice (Multiple Reasons)

ANALYSIS OF CONTRASTS

Contrast	DF	Chi-Square	Prob
q61 vs q62	1	339.00	0.0000
q61 vs q63	1	41.11	0.0000
q61 vs q64	1	15.95	0.0001
q61 vs q65	1	53.45	0.0000
q62 vs q63	1	643.55	0.0000
q62 vs q64	1	220.29	0.0000
q62 vs q65	1	716.25	0.0000
q63 vs q64	1	114.99	0.0000
q63 vs q65	1	1.42	0.2327
q64 vs q65	1	128.75	0.0000

Analyses Output - Table 9
Comparison of All Reasons for Fourth (Last) Choice (Multiple Reasons)

---------- Q43D=1 ----------

Q61D	Q62D	Q63D	Q64D	Q65D	Frequency	Percent	Cumulative Frequency	Cumulative Percent
no	no	no	no	yes	15	7.3	15	7.3
no	no	no	yes	no	46	22.3	61	29.6
no	no	no	yes	yes	2	1.0	63	30.6
no	no	yes	no	no	22	10.7	85	41.3
no	no	yes	yes	no	3	1.5	88	42.7
no	no	yes	yes	yes	1	0.5	89	43.2
no	yes	no	no	no	57	27.7	146	70.9
no	yes	no	no	yes	2	1.0	148	71.8
no	yes	no	yes	no	6	2.9	154	74.8
no	yes	yes	no	no	1	0.5	155	75.2
no	yes	yes	yes	no	1	0.5	156	75.7
yes	no	no	no	no	34	16.5	190	92.2
yes	no	no	no	yes	1	0.5	191	92.7
yes	no	no	yes	no	2	1.0	193	93.7
yes	no	yes	no	no	2	1.0	195	94.7
yes	no	yes	no	yes	2	1.0	197	95.6
yes	yes	no	no	no	2	1.0	199	96.6
yes	yes	no	no	yes	2	1.0	201	97.6
yes	yes	no	yes	no	2	1.0	203	98.5
yes	yes	yes	yes	no	2	1.0	205	99.5
yes	yes	yes	yes	yes	1	0.5	206	100.0

Analyses Output - Table 9
Comparison of All Reasons for Fourth (Last) Choice (Multiple Reasons)

---------- Q43D=2 ----------

Q61D	Q62D	Q63D	Q64D	Q65D	Frequency	Percent	Cumulative Frequency	Cumulative Percent
no	no	no	no	yes	42	10.8	42	10.8
no	no	no	yes	no	47	12.1	89	22.9
no	no	no	yes	yes	4	1.0	93	24.0
no	no	yes	no	no	24	6.2	117	30.2
no	no	yes	yes	no	3	0.8	120	30.9
no	no	yes	yes	yes	2	0.5	122	31.4
no	yes	no	no	no	116	29.9	238	61.3
no	yes	no	no	yes	13	3.4	251	64.7
no	yes	no	yes	no	14	3.6	265	68.3
no	yes	no	yes	yes	2	0.5	267	68.8
no	yes	yes	no	no	6	1.5	273	70.4
no	yes	yes	no	yes	1	0.3	274	70.6
no	yes	yes	yes	no	3	0.8	277	71.4
no	yes	yes	yes	yes	1	0.3	278	71.6
yes	no	no	no	no	53	13.7	331	85.3
yes	no	no	no	yes	2	0.5	333	85.8
yes	no	no	yes	no	4	1.0	337	86.9
yes	no	yes	no	no	2	0.5	339	87.4
yes	no	yes	yes	no	2	0.5	341	87.9
yes	yes	no	no	no	12	3.1	353	91.0
yes	yes	no	no	yes	4	1.0	357	92.0
yes	yes	no	yes	no	12	3.1	369	95.1
yes	yes	no	yes	yes	3	0.8	372	95.9
yes	yes	yes	no	yes	1	0.3	373	96.1
yes	yes	yes	yes	no	3	0.8	376	96.9
yes	yes	yes	yes	yes	12	3.1	388	100.0

Analyses Output - Table 9
Comparison of All Reasons for Fourth (Last) Choice (Multiple Reasons)

---------- Q43D=3 ----------

Q61D	Q62D	Q63D	Q64D	Q65D	Frequency	Percent	Cumulative Frequency	Cumulative Percent
no	no	no	no	yes	17	7.8	17	7.8
no	no	no	yes	no	36	16.5	53	24.3
no	no	no	yes	yes	2	0.9	55	25.2
no	no	yes	no	no	30	13.8	85	39.0
no	no	yes	yes	no	3	1.4	88	40.4
no	yes	no	no	no	63	28.9	151	69.3
no	yes	no	no	yes	3	1.4	154	70.6
no	yes	no	yes	no	8	3.7	162	74.3
no	yes	no	yes	yes	1	0.5	163	74.8
no	yes	yes	no	no	6	2.8	169	77.5
no	yes	yes	no	yes	1	0.5	170	78.0
no	yes	yes	yes	no	4	1.8	174	79.8
yes	no	no	no	no	27	12.4	201	92.2
yes	no	no	no	yes	1	0.5	202	92.7
yes	no	no	yes	no	1	0.5	203	93.1
yes	no	yes	no	no	2	0.9	205	94.0
yes	no	yes	yes	yes	1	0.5	206	94.5
yes	yes	no	no	no	3	1.4	209	95.9
yes	yes	no	yes	no	1	0.5	210	96.3
yes	yes	no	yes	yes	1	0.5	211	96.8
yes	yes	yes	yes	no	2	0.9	213	97.7
yes	yes	yes	yes	yes	5	2.3	218	100.0

Analyses Output - Table 9
Comparison of All Reasons for Fourth (Last) Choice (Multiple Reasons)

---------- Q43D=4 ----------

Q61D	Q62D	Q63D	Q64D	Q65D	Frequency	Percent	Cumulative Frequency	Cumulative Percent
no	no	no	no	yes	52	4.7	52	4.7
no	no	no	yes	no	91	8.2	143	12.9
no	no	no	yes	yes	10	0.9	153	13.8
no	no	yes	no	no	44	4.0	197	17.8
no	no	yes	no	yes	3	0.3	200	18.1
no	no	yes	yes	no	12	1.1	212	19.2
no	no	yes	yes	yes	1	0.1	213	19.3
no	yes	no	no	no	333	30.1	546	49.4
no	yes	no	no	yes	34	3.1	580	52.5
no	yes	no	yes	no	78	7.1	658	59.5
no	yes	no	yes	yes	24	2.2	682	61.7
no	yes	yes	no	no	21	1.9	703	63.6
no	yes	yes	no	yes	5	0.5	708	64.1
no	yes	yes	yes	no	29	2.6	737	66.7
no	yes	yes	yes	yes	11	1.0	748	67.7
yes	no	no	no	no	95	8.6	843	76.3
yes	no	no	no	yes	4	0.4	847	76.7
yes	no	no	yes	no	12	1.1	859	77.7
yes	no	no	yes	yes	2	0.2	861	77.9
yes	no	yes	no	no	9	0.8	870	78.7
yes	no	yes	no	yes	5	0.5	875	79.2
yes	no	yes	yes	no	11	1.0	886	80.2
yes	no	yes	yes	yes	2	0.2	888	80.4
yes	yes	no	no	no	44	4.0	932	84.3
yes	yes	no	no	yes	11	1.0	943	85.3
yes	yes	no	yes	no	36	3.3	979	88.6
yes	yes	no	yes	yes	27	2.4	1006	91.0
yes	yes	yes	no	no	14	1.3	1020	92.3
yes	yes	yes	no	yes	2	0.2	1022	92.5
yes	yes	yes	yes	no	49	4.4	1071	96.9
yes	yes	yes	yes	yes	34	3.1	1105	100.0

Analyses Output - Table 9
Comparison of All Reasons for Fourth (Last) Choice (Multiple Reasons)

---------- Q43D=1 ----------

CATMOD PROCEDURE

Response: Q61D*Q62D*Q63D*Q64D*Q65D		Response Levels (R)=	21
Weight Variable: COUNT		Populations (S)=	1
Data Set: Q6OUT		Total Frequency (N)=	206
Frequency Missing: 0		Observations (Obs)=	21

ONE-WAY FREQUENCIES

Variable	Value	Frequency
Q61D	no	156
	yes	50
Q62D	no	130
	yes	76
Q63D	no	171
	yes	35
Q64D	no	140
	yes	66
Q65D	no	180
	yes	26

Sample	Sample Size
1	206

Analyses Output - Table 9
Comparison of All Reasons for Fourth (Last) Choice (Multiple Reasons)

---------- Q43D=1 ----------

RESPONSE PROFILES

Response	Q61D	Q62D	Q63D	Q64D	Q65D
1	no	no	no	no	yes
2	no	no	no	yes	no
3	no	no	no	yes	yes
4	no	no	yes	no	no
5	no	no	yes	yes	no
6	no	no	yes	yes	yes
7	no	yes	no	no	no
8	no	yes	no	no	yes
9	no	yes	no	yes	no
10	no	yes	yes	no	no
11	no	yes	yes	yes	no
12	yes	no	no	no	no
13	yes	no	no	no	yes
14	yes	no	no	yes	no
15	yes	no	yes	no	no
16	yes	no	yes	no	yes
17	yes	yes	no	no	no
18	yes	yes	no	no	yes
19	yes	yes	no	yes	no
20	yes	yes	yes	yes	no
21	yes	yes	yes	yes	yes

Sample	Function Number	Response Function	COVARIANCE MATRIX 1	2	3	4	5
1	1	0.7573	0.000892	-0.000223	-0.000035	-0.000213	-7.321E-6
	2	0.6311	-0.000223	0.001130	-0.000186	-0.000291	-0.000108
	3	0.8301	-0.000035	-0.000186	0.000685	-0.000076	-9.838E-6
	4	0.6796	-0.000213	-0.000291	-0.000076	0.001057	-0.000102
	5	0.8738	-7.321E-6	-0.000108	-9.838E-6	-0.000102	0.000535

Analyses Output - Table 9
Comparison of All Reasons for Fourth (Last) Choice (Multiple Reasons)

---------- Q43D=1 ----------

Sample	Function Number	DESIGN MATRIX 1	2	3	4	5
1	1	1	1	0	0	0
	2	1	0	1	0	0
	3	1	0	0	1	0
	4	1	0	0	0	1
	5	1	-1	-1	-1	-1

ANALYSIS-OF-VARIANCE TABLE

Source	DF	Chi-Square	Prob
INTERCEPT	1	7914.99	0.0000
Q6CHOICE	4	47.35	0.0000
RESIDUAL	0	.	.

ANALYSIS OF WEIGHTED-LEAST-SQUARES ESTIMATES

Effect	Parameter	Estimate	Standard Error	Chi-Square	Prob
INTERCEPT	1	0.7544	0.00848	7914.99	0.0000
Q6CHOICE	2	0.00291	0.0283	0.01	0.9179
	3	-0.1233	0.0328	14.16	0.0002
	4	0.0757	0.0246	9.47	0.0021
	5	-0.0748	0.0313	5.71	0.0169

Analyses Output - Table 9
Comparison of All Reasons for Fourth (Last) Choice (Multiple Reasons)

ANALYSIS OF CONTRASTS

Contrast	DF	Chi-Square	Prob
q61 vs q62	1	6.46	0.0111
q61 vs q63	1	3.22	0.0728
q61 vs q64	1	2.54	0.1109
q61 vs q65	1	9.41	0.0022
q62 vs q63	1	18.11	0.0000
q62 vs q64	1	0.85	0.3563
q62 vs q65	1	31.30	0.0000
q63 vs q64	1	11.96	0.0005
q63 vs q65	1	1.54	0.2147
q64 vs q65	1	20.99	0.0000

Analyses Output - Table 9
Comparison of All Reasons for Fourth (Last) Choice (Multiple Reasons)

---------- Q43D=2 ----------

CATMOD PROCEDURE

Response: Q61D*Q62D*Q63D*Q64D*Q65D	Response Levels (R)= 26
Weight Variable: COUNT	Populations (S)= 1
Data Set: Q60UT	Total Frequency (N)= 388
Frequency Missing: 0	Observations (Obs)= 26

ONE-WAY FREQUENCIES

Variable	Value	Frequency
Q61D	no	278
	yes	110
Q62D	no	185
	yes	203
Q63D	no	328
	yes	60
Q64D	no	276
	yes	112
Q65D	no	301
	yes	87

Sample	Sample Size
1	388

Analyses Output - Table 9
Comparison of All Reasons for Fourth (Last) Choice (Multiple Reasons)

---------- Q43D=2 ----------

RESPONSE PROFILES

Response	Q61D	Q62D	Q63D	Q64D	Q65D
1	no	no	no	no	yes
2	no	no	no	yes	no
3	no	no	no	yes	yes
4	no	no	yes	no	no
5	no	no	yes	yes	no
6	no	no	yes	yes	yes
7	no	yes	no	no	no
8	no	yes	no	no	yes
9	no	yes	no	yes	no
10	no	yes	no	yes	yes
11	no	yes	yes	no	no
12	no	yes	yes	no	yes
13	no	yes	yes	yes	no
14	no	yes	yes	yes	yes
15	yes	no	no	no	no
16	yes	no	no	no	yes
17	yes	no	no	yes	no
18	yes	no	yes	no	no
19	yes	no	yes	yes	no
20	yes	yes	no	no	no
21	yes	yes	no	no	yes
22	yes	yes	no	yes	no
23	yes	yes	no	yes	yes
24	yes	yes	yes	no	yes
25	yes	yes	yes	yes	no
26	yes	yes	yes	yes	yes

Analyses Output - Table 9
Comparison of All Reasons for Fourth (Last) Choice (Multiple Reasons)

Sample	Function Number	Response Function	COVARIANCE MATRIX 1	2	3	4	5
1	1	0.7165	0.000524	-0.00007	0.0000199	0.0000282	-0.000018
	2	0.4768	-0.00007	0.000643	-0.000029	-0.000057	-0.000057
	3	0.8454	0.0000199	-0.000029	0.000337	0.0000577	0.0000236
	4	0.7113	0.0000282	-0.000057	0.0000577	0.000529	-7.396E-6
	5	0.7758	-0.000018	-0.000057	0.0000236	-7.396E-6	0.000448

Analyses Output - Table 9
Comparison of All Reasons for Fourth (Last) Choice (Multiple Reasons)

---------- Q43D=2 ----------

Sample	Function Number	DESIGN MATRIX 1	2	3	4	5
1	1	1	1	0	0	0
	2	1	0	1	0	0
	3	1	0	0	1	0
	4	1	0	0	0	1
	5	1	-1	-1	-1	-1

ANALYSIS-OF-VARIANCE TABLE

Source	DF	Chi-Square	Prob
INTERCEPT	1	5492.20	0.0000
Q6CHOICE	4	137.94	0.0000
RESIDUAL	0	.	.

ANALYSIS OF WEIGHTED-LEAST-SQUARES ESTIMATES

Effect	Parameter	Estimate	Standard Error	Chi-Square	Prob
INTERCEPT	1	0.7052	0.00952	5492.20	0.0000
Q6CHOICE	2	0.0113	0.0205	0.31	0.5803
	3	-0.2284	0.0237	92.87	0.0000
	4	0.1402	0.0162	74.48	0.0000
	5	0.00619	0.0200	0.10	0.7570

Analyses Output - Table 9
Comparison of All Reasons for Fourth (Last) Choice (Multiple Reasons)

ANALYSIS OF CONTRASTS

Contrast	DF	Chi-Square	Prob
q61 vs q62	1	43.97	0.0000
q61 vs q63	1	20.23	0.0000
q61 vs q64	1	0.03	0.8703
q61 vs q65	1	3.49	0.0618
q62 vs q63	1	130.83	0.0000
q62 vs q64	1	42.76	0.0000
q62 vs q65	1	74.21	0.0000
q63 vs q64	1	23.92	0.0000
q63 vs q65	1	6.56	0.0104
q64 vs q65	1	4.18	0.0408

Analyses Output - Table 9
Comparison of All Reasons for Fourth (Last) Choice (Multiple Reasons)

---------- Q43D=3 ----------

CATMOD PROCEDURE

Response: Q61D*Q62D*Q63D*Q64D*Q65D		Response Levels (R)=	22
Weight Variable: COUNT		Populations (S)=	1
Data Set: Q6OUT		Total Frequency (N)=	218
Frequency Missing: 0		Observations (Obs)=	22

ONE-WAY FREQUENCIES

Variable	Value	Frequency
Q61D	no	174
	yes	44
Q62D	no	120
	yes	98
Q63D	no	164
	yes	54
Q64D	no	153
	yes	65
Q65D	no	186
	yes	32

Sample	Sample Size
1	218

Analyses Output - Table 9
Comparison of All Reasons for Fourth (Last) Choice (Multiple Reasons)

---------- Q43D=3 ----------

RESPONSE PROFILES

Response	Q61D	Q62D	Q63D	Q64D	Q65D
1	no	no	no	no	yes
2	no	no	no	yes	no
3	no	no	no	yes	yes
4	no	no	yes	no	no
5	no	no	yes	yes	no
6	no	yes	no	no	no
7	no	yes	no	no	yes
8	no	yes	no	yes	no
9	no	yes	no	yes	yes
10	no	yes	yes	no	no
11	no	yes	yes	no	yes
12	no	yes	yes	yes	no
13	yes	no	no	no	no
14	yes	no	no	no	yes
15	yes	no	no	yes	no
16	yes	no	yes	no	no
17	yes	no	yes	yes	yes
18	yes	yes	no	no	no
19	yes	yes	no	yes	no
20	yes	yes	no	yes	yes
21	yes	yes	yes	yes	no
22	yes	yes	yes	yes	yes

Sample	Function Number	Response Function	COVARIANCE MATRIX 1	2	3	4	5
1	1	0.7982	0.000739	-0.000164	-0.000019	-0.000045	0.0000324
	2	0.5505	-0.000164	0.001135	-0.000132	-0.000152	-0.000071
	3	0.7523	-0.000019	-0.000132	0.000855	-0.000023	-0.000019
	4	0.7018	-0.000045	-0.000152	-0.000023	0.000960	9.6523E-6
	5	0.8532	0.0000324	-0.000071	-0.000019	9.6523E-6	0.000575

Analyses Output - Table 9
Comparison of All Reasons for Fourth (Last) Choice (Multiple Reasons)

---------- Q43D=3 ----------

Sample	Function Number	DESIGN MATRIX 1	2	3	4	5
1	1	1	1	0	0	0
	2	1	0	1	0	0
	3	1	0	0	1	0
	4	1	0	0	0	1
	5	1	-1	-1	-1	-1

ANALYSIS-OF-VARIANCE TABLE

Source	DF	Chi-Square	Prob
INTERCEPT	1	4315.36	0.0000
Q6CHOICE	4	54.62	0.0000
RESIDUAL	0	.	.

ANALYSIS OF WEIGHTED-LEAST-SQUARES ESTIMATES

Effect	Parameter	Estimate	Standard Error	Chi-Square	Prob
INTERCEPT	1	0.7312	0.0111	4315.36	0.0000
Q6CHOICE	2	0.0670	0.0254	6.95	0.0084
	3	-0.1807	0.0318	32.26	0.0000
	4	0.0211	0.0267	0.62	0.4298
	5	-0.0294	0.0280	1.10	0.2944

Analyses Output - Table 9
Comparison of All Reasons for Fourth (Last) Choice (Multiple Reasons)

ANALYSIS OF CONTRASTS

Contrast	DF	Chi-Square	Prob
q61 vs q62	1	27.87	0.0000
q61 vs q63	1	1.29	0.2561
q61 vs q64	1	5.19	0.0227
q61 vs q65	1	2.43	0.1193
q62 vs q63	1	18.07	0.0000
q62 vs q64	1	9.55	0.0020
q62 vs q65	1	49.49	0.0000
q63 vs q64	1	1.37	0.2421
q63 vs q65	1	6.94	0.0084
q64 vs q65	1	15.12	0.0001

Analyses Output - Table 9
Comparison of All Reasons for Fourth (Last) Choice (Multiple Reasons)

---------- Q43D=4 ----------

CATMOD PROCEDURE

Response: Q61D*Q62D*Q63D*Q64D*Q65D	Response Levels (R)= 31
Weight Variable: COUNT	Populations (S)= 1
Data Set: Q6OUT	Total Frequency (N)= 1105
Frequency Missing: 0	Observations (Obs)= 31

ONE-WAY FREQUENCIES

Variable	Value	Frequency
Q61D	no	748
	yes	357
Q62D	no	353
	yes	752
Q63D	no	853
	yes	252
Q64D	no	676
	yes	429
Q65D	no	878
	yes	227

Sample	Sample Size
1	1105

Analyses Output - Table 9
Comparison of All Reasons for Fourth (Last) Choice (Multiple Reasons)

---------- Q43D=4 ----------

RESPONSE PROFILES

Response	Q61D	Q62D	Q63D	Q64D	Q65D
1	no	no	no	no	yes
2	no	no	no	yes	no
3	no	no	no	yes	yes
4	no	no	yes	no	no
5	no	no	yes	no	yes
6	no	no	yes	yes	no
7	no	no	yes	yes	yes
8	no	yes	no	no	no
9	no	yes	no	no	yes
10	no	yes	no	yes	no
11	no	yes	no	yes	yes
12	no	yes	yes	no	no
13	no	yes	yes	no	yes
14	no	yes	yes	yes	no
15	no	yes	yes	yes	yes
16	yes	no	no	no	no
17	yes	no	no	no	yes
18	yes	no	no	yes	no
19	yes	no	no	yes	yes
20	yes	no	yes	no	no
21	yes	no	yes	no	yes
22	yes	no	yes	yes	no
23	yes	no	yes	yes	yes
24	yes	yes	no	no	no
25	yes	yes	no	no	yes
26	yes	yes	no	yes	no
27	yes	yes	no	yes	yes
28	yes	yes	yes	no	no
29	yes	yes	yes	no	yes
30	yes	yes	yes	yes	no
31	yes	yes	yes	yes	yes

Analyses Output - Table 9
Comparison of All Reasons for Fourth (Last) Choice (Multiple Reasons)

Sample	Function Number	Response Function	COVARIANCE MATRIX 1	2	3	4	5
1	1	0.6769	0.000198	-0.000021	0.0000365	0.0000282	0.0000112
	2	0.3195	-0.000021	0.000197	-5.321E-6	-3.237E-6	-5.31E-6
	3	0.7719	0.0000365	-5.321E-6	0.000159	0.0000419	9.1986E-6
	4	0.6118	0.0000282	-3.237E-6	0.0000419	0.000215	0.0000187
	5	0.7946	0.0000112	-5.31E-6	9.1986E-6	0.0000187	0.000148

Analyses Output - Table 9
Comparison of All Reasons for Fourth (Last) Choice (Multiple Reasons)

---------- Q43D=4 ----------

Sample	Function Number	DESIGN MATRIX 1	2	3	4	5
1	1	1	1	0	0	0
	2	1	0	1	0	0
	3	1	0	0	1	0
	4	1	0	0	0	1
	5	1	-1	-1	-1	-1

ANALYSIS-OF-VARIANCE TABLE

Source	DF	Chi-Square	Prob
INTERCEPT	1	8857.80	0.0000
Q6CHOICE	4	781.90	0.0000
RESIDUAL	0	.	.

ANALYSIS OF WEIGHTED-LEAST-SQUARES ESTIMATES

Effect	Parameter	Estimate	Standard Error	Chi-Square	Prob
INTERCEPT	1	0.6349	0.00675	8857.80	0.0000
Q6CHOICE	2	0.0420	0.0119	12.38	0.0004
	3	-0.3155	0.0133	560.36	0.0000
	4	0.1370	0.0104	173.52	0.0000
	5	-0.0232	0.0118	3.83	0.0504

Analyses Output - Table 9
Comparison of All Reasons for Fourth (Last) Choice (Multiple Reasons)

ANALYSIS OF CONTRASTS

Contrast	DF	Chi-Square	Prob
q61 vs q62	1	292.29	0.0000
q61 vs q63	1	31.77	0.0000
q61 vs q64	1	11.91	0.0006
q61 vs q65	1	42.82	0.0000
q62 vs q63	1	558.34	0.0000
q62 vs q64	1	204.33	0.0000
q62 vs q65	1	635.72	0.0000
q63 vs q64	1	88.34	0.0000
q63 vs q65	1	1.77	0.1830
q64 vs q65	1	102.76	0.0000

Analyses Output - Table 10
Panelists' Preferences - By Education

---------- ED=1 LAB=1 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	143	22.5	143	22.5
2	254	39.9	397	62.4
3	154	24.2	551	86.6
4	85	13.4	636	100.0

Chi-Square Test for Equal Proportions

Statistic = 92.969 DF = 3 Prob = 0.001

Analyses Output - Table 10
Panelists' Preferences - By Education

---------- ED=1 LAB=2 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	107	16.8	107	16.8
2	135	21.2	242	38.1
3	262	41.2	504	79.2
4	132	20.8	636	100.0

Chi-Square Test for Equal Proportions

Statistic = 91.937 DF = 3 Prob = 0.001

Analyses Output - Table 10
Panelists' Preferences - By Education

---------- ED=1 LAB=3 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	268	42.1	268	42.1
2	154	24.2	422	66.4
3	129	20.3	551	86.6
4	85	13.4	636	100.0

Chi-Square Test for Equal Proportions

Statistic = 114.981 DF = 3 Prob = 0.001

Analyses Output - Table 10
Panelists' Preferences - By Education

---------- ED=1 LAB=4 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	118	18.6	118	18.6
2	93	14.6	211	33.2
3	91	14.3	302	47.5
4	334	52.5	636	100.0

Chi-Square Test for Equal Proportions

Statistic = 259.660 DF = 3 Prob = 0.001

Analyses Output - Table 10
Panelists' Preferences - By Education

---------- ED=2 LAB=1 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	125	23.1	125	23.1
2	236	43.5	361	66.6
3	123	22.7	484	89.3
4	58	10.7	542	100.0

Chi-Square Test for Equal Proportions

Statistic = 120.834 DF = 3 Prob = 0.001

Analyses Output - Table 10
Panelists' Preferences - By Education

---------- ED=2 LAB=2 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	73	13.5	73	13.5
2	123	22.7	196	36.2
3	211	38.9	407	75.1
4	135	24.9	542	100.0

Chi-Square Test for Equal Proportions

Statistic = 72.052 DF = 3 Prob = 0.001

Analyses Output - Table 10
Panelists' Preferences - By Education

---------- ED=2 LAB=3 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	256	47.2	256	47.2
2	109	20.1	365	67.3
3	123	22.7	488	90.0
4	54	10.0	542	100.0

Chi-Square Test for Equal Proportions

Statistic = 162.517 DF = 3 Prob = 0.001

Analyses Output - Table 10
Panelists' Preferences - By Education

---------- ED=2 LAB=4 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	88	16.2	88	16.2
2	74	13.7	162	29.9
3	85	15.7	247	45.6
4	295	54.4	542	100.0

Chi-Square Test for Equal Proportions

Statistic = 251.137 DF = 3 Prob = 0.001

Analyses Output - Table 10
Panelists' Preferences - By Education

---------- ED=3 LAB=1 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	150	27.7	150	27.7
2	230	42.4	380	70.1
3	116	21.4	496	91.5
4	46	8.5	542	100.0

Chi-Square Test for Equal Proportions

Statistic = 129.380 DF = 3 Prob = 0.001

Analyses Output - Table 10
Panelists' Preferences - By Education

---------- ED=3 LAB=2 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	77	14.2	77	14.2
2	120	22.1	197	36.3
3	254	46.9	451	83.2
4	91	16.8	542	100.0

Chi-Square Test for Equal Proportions

Statistic = 145.277 DF = 3 Prob = 0.001

Analyses Output - Table 10
Panelists' Preferences - By Education

---------- ED=3 LAB=3 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	247	45.6	247	45.6
2	134	24.7	381	70.3
3	99	18.3	480	88.6
4	62	11.4	542	100.0

Chi-Square Test for Equal Proportions

Statistic = 141.469 DF = 3 Prob = 0.001

Analyses Output - Table 10
Panelists' Preferences - By Education

---------- ED=3 LAB=4 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	68	12.5	68	12.5
2	58	10.7	126	23.2
3	73	13.5	199	36.7
4	343	63.3	542	100.0

Chi-Square Test for Equal Proportions

Statistic = 424.539 DF = 3 Prob = 0.001

Analyses Output - Table 10
Panelists' Preferences - By Education

---------- ED=4 LAB=1 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	35	17.9	35	17.9
2	95	48.5	130	66.3
3	49	25.0	179	91.3
4	17	8.7	196	100.0

Chi-Square Test for Equal Proportions

Statistic = 68.082 DF = 3 Prob = 0.001

Analyses Output - Table 10
Panelists' Preferences - By Education

---------- ED=4 LAB=2 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	30	15.4	30	15.4
2	47	24.1	77	39.5
3	89	45.6	166	85.1
4	29	14.9	195	100.0

Chi-Square Test for Equal Proportions

Statistic = 48.508 DF = 3 Prob = 0.001

Analyses Output - Table 10
Panelists' Preferences - By Education

---------- ED=4 LAB=3 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	102	52.0	102	52.0
2	42	21.4	144	73.5
3	36	18.4	180	91.8
4	16	8.2	196	100.0

Chi-Square Test for Equal Proportions

Statistic = 84.000 DF = 3 Prob = 0.001

Analyses Output - Table 10
Panelists' Preferences - By Education

---------- ED=4 LAB=4 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	29	14.9	29	14.9
2	12	6.2	41	21.0
3	21	10.8	62	31.8
4	133	68.2	195	100.0

Chi-Square Test for Equal Proportions

Statistic = 197.103 DF = 3 Prob = 0.001

Analyses Output - Table 11
Panelists' Preferences - By Gender

---------- GENDER=Female LAB=1 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	241	22.7	241	22.7
2	473	44.5	714	67.1
3	237	22.3	951	89.4
4	113	10.6	1064	100.0

Chi-Square Test for Equal Proportions

Statistic = 254.602 DF = 3 Prob = 0.001

Analyses Output - Table 11
Panelists' Preferences - By Gender

---------- GENDER=Female LAB=2 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	157	14.8	157	14.8
2	233	21.9	390	36.7
3	465	43.7	855	80.4
4	208	19.6	1063	100.0

Chi-Square Test for Equal Proportions

Statistic = 210.479 DF = 3 Prob = 0.001

Analyses Output - Table 11
Panelists' Preferences - By Gender

---------- GENDER=Female LAB=3 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	509	47.8	509	47.8
2	230	21.6	739	69.5
3	220	20.7	959	90.1
4	105	9.9	1064	100.0

Chi-Square Test for Equal Proportions

Statistic = 332.263 DF = 3 Prob = 0.001

Analyses Output - Table 11
Panelists' Preferences - By Gender

---------- GENDER=Female LAB=4 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	157	14.8	157	14.8
2	128	12.0	285	26.8
3	141	13.3	426	40.1
4	637	59.9	1063	100.0

Chi-Square Test for Equal Proportions

Statistic = 693.098 DF = 3 Prob = 0.001

Analyses Output - Table 11
Panelists' Preferences - By Gender

---------- GENDER=Male LAB=1 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	213	24.9	213	24.9
2	343	40.0	556	64.9
3	208	24.3	764	89.1
4	93	10.9	857	100.0

Chi-Square Test for Equal Proportions

Statistic = 146.179 DF = 3 Prob = 0.001

Analyses Output - Table 11
Panelists' Preferences - By Gender

---------- GENDER=Male LAB=2 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	131	15.3	131	15.3
2	194	22.6	325	37.9
3	351	41.0	676	78.9
4	181	21.1	857	100.0

Chi-Square Test for Equal Proportions

Statistic = 126.706 DF = 3 Prob = 0.001

Analyses Output - Table 11
Panelists' Preferences - By Gender

---------- GENDER=Male LAB=3 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	365	42.6	365	42.6
2	210	24.5	575	67.1
3	169	19.7	744	86.8
4	113	13.2	857	100.0

Chi-Square Test for Equal Proportions

Statistic = 163.560 DF = 3 Prob = 0.001

Analyses Output - Table 11
Panelists' Preferences - By Gender

---------- GENDER=Male LAB=4 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	148	17.3	148	17.3
2	110	12.8	258	30.1
3	129	15.1	387	45.2
4	470	54.8	857	100.0

Chi-Square Test for Equal Proportions

Statistic = 410.421 DF = 3 Prob = 0.001

Analyses Output - Table 12
Panelists' Preferences - By Ethnic Background

---------- ETH=1-Caucasian LAB=1 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	349	23.3	349	23.3
2	676	45.2	1025	68.5
3	338	22.6	1363	91.0
4	134	9.0	1497	100.0

Chi-Square Test for Equal Proportions

Statistic = 402.738 DF = 3 Prob = 0.001

Analyses Output - Table 12
Panelists' Preferences - By Ethnic Background

---------- ETH=1-Caucasian LAB=2 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	212	14.2	212	14.2
2	337	22.5	549	36.7
3	650	43.4	1199	80.1
4	297	19.9	1496	100.0

Chi-Square Test for Equal Proportions

Statistic = 293.364 DF = 3 Prob = 0.001

Analyses Output - Table 12
Panelists' Preferences - By Ethnic Background

---------- ETH=1-Caucasian LAB=3 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	710	47.4	710	47.4
2	325	21.7	1035	69.1
3	306	20.4	1341	89.6
4	156	10.4	1497	100.0

Chi-Square Test for Equal Proportions

Statistic = 447.414 DF = 3 Prob = 0.001

Analyses Output - Table 12
Panelists' Preferences - By Ethnic Background

---------- ETH=1-Caucasian LAB=4 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	226	15.1	226	15.1
2	159	10.6	385	25.7
3	202	13.5	587	39.2
4	909	60.8	1496	100.0

Chi-Square Test for Equal Proportions

Statistic = 1026.572 DF = 3 Prob = 0.001

Analyses Output - Table 12
Panelists' Preferences - By Ethnic Background

---------- ETH=2-African American LAB=1 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	49	24.0	49	24.0
2	73	35.8	122	59.8
3	50	24.5	172	84.3
4	32	15.7	204	100.0

Chi-Square Test for Equal Proportions

Statistic = 16.667 DF = 3 Prob = 0.001

Analyses Output - Table 12
Panelists' Preferences - By Ethnic Background

---------- ETH=2-African American LAB=2 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	38	18.6	38	18.6
2	37	18.1	75	36.8
3	85	41.7	160	78.4
4	44	21.6	204	100.0

Chi-Square Test for Equal Proportions

Statistic = 30.784 DF = 3 Prob = 0.001

Analyses Output - Table 12
Panelists' Preferences - By Ethnic Background

---------- ETH=2-African American LAB=3 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	79	38.7	79	38.7
2	56	27.5	135	66.2
3	42	20.6	177	86.8
4	27	13.2	204	100.0

Chi-Square Test for Equal Proportions

Statistic = 28.745 DF = 3 Prob = 0.001

Analyses Output - Table 12
Panelists' Preferences - By Ethnic Background

---------- ETH=2-African American LAB=4 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	38	18.6	38	18.6
2	38	18.6	76	37.3
3	27	13.2	103	50.5
4	101	49.5	204	100.0

Chi-Square Test for Equal Proportions

Statistic = 66.941 DF = 3 Prob = 0.001

Analyses Output - Table 12
Panelists' Preferences - By Ethnic Background

---------- ETH=3-Hispanic LAB=1 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	44	27.3	44	27.3
2	47	29.2	91	56.5
3	41	25.5	132	82.0
4	29	18.0	161	100.0

Chi-Square Test for Equal Proportions

Statistic = 4.640 DF = 3 Prob = 0.200

Analyses Output - Table 12
Panelists' Preferences - By Ethnic Background

---------- ETH=3-Hispanic LAB=2 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	30	18.6	30	18.6
2	41	25.5	71	44.1
3	55	34.2	126	78.3
4	35	21.7	161	100.0

Chi-Square Test for Equal Proportions

Statistic = 8.714 DF = 3 Prob = 0.033

Analyses Output - Table 12
Panelists' Preferences - By Ethnic Background

---------- ETH=3-Hispanic LAB=3 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	60	37.3	60	37.3
2	44	27.3	104	64.6
3	32	19.9	136	84.5
4	25	15.5	161	100.0

Chi-Square Test for Equal Proportions

Statistic = 17.509 DF = 3 Prob = 0.001

Analyses Output - Table 12
Panelists' Preferences - By Ethnic Background

---------- ETH=3-Hispanic LAB=4 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	27	16.8	27	16.8
2	29	18.0	56	34.8
3	33	20.5	89	55.3
4	72	44.7	161	100.0

Chi-Square Test for Equal Proportions

Statistic = 33.857 DF = 3 Prob = 0.001

Analyses Output - Table 12
Panelists' Preferences - By Ethnic Background

---------- ETH=4-Asian/American Indian/Other LAB=1 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	12	20.3	12	20.3
2	20	33.9	32	54.2
3	16	27.1	48	81.4
4	11	18.6	59	100.0

Chi-Square Test for Equal Proportions

Statistic = 3.441 DF = 3 Prob = 0.329

Analyses Output - Table 12
Panelists' Preferences - By Ethnic Background

---------- ETH=4-Asian/American Indian/Other LAB=2 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	8	13.6	8	13.6
2	12	20.3	20	33.9
3	26	44.1	46	78.0
4	13	22.0	59	100.0

Chi-Square Test for Equal Proportions

Statistic = 12.390 DF = 3 Prob = 0.006

Analyses Output - Table 12
Panelists' Preferences - By Ethnic Background

---------- ETH=4-Asian/American Indian/Other LAB=3 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	25	42.4	25	42.4
2	15	25.4	40	67.8
3	9	15.3	49	83.1
4	10	16.9	59	100.0

Chi-Square Test for Equal Proportions

Statistic = 10.898 DF = 3 Prob = 0.012

Analyses Output - Table 12
Panelists' Preferences - By Ethnic Background

---------- ETH=4-Asian/American Indian/Other LAB=4 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	14	23.7	14	23.7
2	12	20.3	26	44.1
3	8	13.6	34	57.6
4	25	42.4	59	100.0

Chi-Square Test for Equal Proportions

Statistic = 10.763 DF = 3 Prob = 0.013

Analyses Output - Table 13
Panelists' Preferences - By Age Groups

---------- AGE=18-24 LAB=1 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	88	26.6	88	26.6
2	117	35.3	205	61.9
3	90	27.2	295	89.1
4	36	10.9	331	100.0

Chi-Square Test for Equal Proportions

Statistic = 41.556 DF = 3 Prob = 0.001

Analyses Output - Table 13
Panelists' Preferences - By Age Groups

---------- AGE=18-24 LAB=2 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	43	13.0	43	13.0
2	94	28.4	137	41.4
3	125	37.8	262	79.2
4	69	20.8	331	100.0

Chi-Square Test for Equal Proportions

Statistic = 44.480 DF = 3 Prob = 0.001

Analyses Output - Table 13
Panelists' Preferences - By Age Groups

---------- AGE=18-24 LAB=3 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	132	39.9	132	39.9
2	79	23.9	211	63.7
3	77	23.3	288	87.0
4	43	13.0	331	100.0

Chi-Square Test for Equal Proportions

Statistic = 48.976 DF = 3 Prob = 0.001

Analyses Output - Table 13
Panelists' Preferences - By Age Groups

---------- AGE=18-24 LAB=4 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	68	20.5	68	20.5
2	41	12.4	109	32.9
3	39	11.8	148	44.7
4	183	55.3	331	100.0

Chi-Square Test for Equal Proportions

Statistic = 168.275 DF = 3 Prob = 0.001

Analyses Output - Table 13
Panelists' Preferences - By Age Groups

---------- AGE=25-34 LAB=1 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	114	27.9	114	27.9
2	165	40.4	279	68.4
3	86	21.1	365	89.5
4	43	10.5	408	100.0

Chi-Square Test for Equal Proportions

Statistic = 76.961 DF = 3 Prob = 0.001

Analyses Output - Table 13
Panelists' Preferences - By Age Groups

---------- AGE=25-34 LAB=2 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	67	16.4	67	16.4
2	98	24.0	165	40.4
3	164	40.2	329	80.6
4	79	19.4	408	100.0

Chi-Square Test for Equal Proportions

Statistic = 55.039 DF = 3 Prob = 0.001

Analyses Output - Table 13
Panelists' Preferences - By Age Groups

---------- AGE=25-34 LAB=3 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	162	39.7	162	39.7
2	103	25.2	265	65.0
3	95	23.3	360	88.2
4	48	11.8	408	100.0

Chi-Square Test for Equal Proportions

Statistic = 64.373 DF = 3 Prob = 0.001

Analyses Output - Table 13
Panelists' Preferences - By Age Groups

---------- AGE=25-34 LAB=4 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	65	15.9	65	15.9
2	42	10.3	107	26.2
3	63	15.4	170	41.7
4	238	58.3	408	100.0

Chi-Square Test for Equal Proportions

Statistic = 244.961 DF = 3 Prob = 0.001

Analyses Output - Table 13
Panelists' Preferences - By Age Groups

---------- AGE=35-44 LAB=1 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	106	24.2	106	24.2
2	188	42.9	294	67.1
3	103	23.5	397	90.6
4	41	9.4	438	100.0

Chi-Square Test for Equal Proportions

Statistic = 99.626 DF = 3 Prob = 0.001

Analyses Output - Table 13
Panelists' Preferences - By Age Groups

---------- AGE=35-44 LAB=2 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	54	12.3	54	12.3
2	91	20.8	145	33.1
3	205	46.8	350	79.9
4	88	20.1	438	100.0

Chi-Square Test for Equal Proportions

Statistic = 118.767 DF = 3 Prob = 0.001

Analyses Output - Table 13
Panelists' Preferences - By Age Groups

---------- AGE=35-44 LAB=3 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	219	50.0	219	50.0
2	100	22.8	319	72.8
3	77	17.6	396	90.4
4	42	9.6	438	100.0

Chi-Square Test for Equal Proportions

Statistic = 161.580 DF = 3 Prob = 0.001

Analyses Output - Table 13
Panelists' Preferences - By Age Groups

---------- AGE=35-44 LAB=4 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	59	13.5	59	13.5
2	59	13.5	118	26.9
3	53	12.1	171	39.0
4	267	61.0	438	100.0

Chi-Square Test for Equal Proportions

Statistic = 302.274 DF = 3 Prob = 0.001

Analyses Output - Table 13
Panelists' Preferences - By Age Groups

---------- AGE=45-54 LAB=1 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	64	20.7	64	20.7
2	152	49.2	216	69.9
3	68	22.0	284	91.9
4	25	8.1	309	100.0

Chi-Square Test for Equal Proportions

Statistic = 111.052 DF = 3 Prob = 0.001

Analyses Output - Table 13
Panelists' Preferences - By Age Groups

---------- AGE=45-54 LAB=2 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	42	13.6	42	13.6
2	58	18.8	100	32.4
3	147	47.6	247	79.9
4	62	20.1	309	100.0

Chi-Square Test for Equal Proportions

Statistic = 86.871 DF = 3 Prob = 0.001

Analyses Output - Table 13
Panelists' Preferences - By Age Groups

---------- AGE=45-54 LAB=3 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	161	52.1	161	52.1
2	63	20.4	224	72.5
3	53	17.2	277	89.6
4	32	10.4	309	100.0

Chi-Square Test for Equal Proportions

Statistic = 127.544 DF = 3 Prob = 0.001

Analyses Output - Table 13
Panelists' Preferences - By Age Groups

---------- AGE=45-54 LAB=4 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	42	13.6	42	13.6
2	36	11.7	78	25.2
3	41	13.3	119	38.5
4	190	61.5	309	100.0

Chi-Square Test for Equal Proportions

Statistic = 219.686 DF = 3 Prob = 0.001

Analyses Output - Table 13
Panelists' Preferences - By Age Groups

---------- AGE=55-64 LAB=1 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	32	17.3	32	17.3
2	81	43.8	113	61.1
3	43	23.2	156	84.3
4	29	15.7	185	100.0

Chi-Square Test for Equal Proportions

Statistic = 37.162 DF = 3 Prob = 0.001

Analyses Output - Table 13
Panelists' Preferences - By Age Groups

---------- AGE=55-64 LAB=2 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	32	17.3	32	17.3
2	37	20.0	69	37.3
3	76	41.1	145	78.4
4	40	21.6	185	100.0

Chi-Square Test for Equal Proportions

Statistic = 26.222 DF = 3 Prob = 0.001

Analyses Output - Table 13
Panelists' Preferences - By Age Groups

---------- AGE=55-64 LAB=3 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	94	50.8	94	50.8
2	40	21.6	134	72.4
3	38	20.5	172	93.0
4	13	7.0	185	100.0

Chi-Square Test for Equal Proportions

Statistic = 75.519 DF = 3 Prob = 0.001

Analyses Output - Table 13
Panelists' Preferences - By Age Groups

---------- AGE=55-64 LAB=4 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	27	14.6	27	14.6
2	27	14.6	54	29.2
3	28	15.1	82	44.3
4	103	55.7	185	100.0

Chi-Square Test for Equal Proportions

Statistic = 92.859 DF = 3 Prob = 0.001

Analyses Output - Table 13
Panelists' Preferences - By Age Groups

---------- AGE=65+ LAB=1 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	50	20.0	50	20.0
2	113	45.2	163	65.2
3	55	22.0	218	87.2
4	32	12.8	250	100.0

Chi-Square Test for Equal Proportions

Statistic = 59.088 DF = 3 Prob = 0.001

Analyses Output - Table 13
Panelists' Preferences - By Age Groups

---------- AGE=65+ LAB=2 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	50	20.1	50	20.1
2	49	19.7	99	39.8
3	99	39.8	198	79.5
4	51	20.5	249	100.0

Chi-Square Test for Equal Proportions

Statistic = 28.960 DF = 3 Prob = 0.001

Analyses Output - Table 13
Panelists' Preferences - By Age Groups

---------- AGE=65+ LAB=3 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	106	42.4	106	42.4
2	55	22.0	161	64.4
3	49	19.6	210	84.0
4	40	16.0	250	100.0

Chi-Square Test for Equal Proportions

Statistic = 42.192 DF = 3 Prob = 0.001

Analyses Output - Table 13
Panelists' Preferences - By Age Groups

---------- AGE=65+ LAB=4 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	44	17.7	44	17.7
2	33	13.3	77	30.9
3	46	18.5	123	49.4
4	126	50.6	249	100.0

Chi-Square Test for Equal Proportions

Statistic = 88.622 DF = 3 Prob = 0.001

Analyses Output - Table 14
Panelists' Preferences - By Geographic Region

---------- LOC=MIDWEST LAB=1 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	111	23.0	111	23.0
2	211	43.7	322	66.7
3	108	22.4	430	89.0
4	53	11.0	483	100.0

Chi-Square Test for Equal Proportions

Statistic = 107.600 DF = 3 Prob = 0.001

Analyses Output - Table 14
Panelists' Preferences - By Geographic Region

---------- LOC=MIDWEST LAB=2 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	65	13.5	65	13.5
2	102	21.1	167	34.6
3	217	44.9	384	79.5
4	99	20.5	483	100.0

Chi-Square Test for Equal Proportions

Statistic = 109.290 DF = 3 Prob = 0.001

Analyses Output - Table 14
Panelists' Preferences - By Geographic Region

---------- LOC=MIDWEST LAB=3 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	228	47.2	228	47.2
2	118	24.4	346	71.6
3	87	18.0	433	89.6
4	50	10.4	483	100.0

Chi-Square Test for Equal Proportions

Statistic = 146.209 DF = 3 Prob = 0.001

Analyses Output - Table 14
Panelists' Preferences - By Geographic Region

---------- LOC=MIDWEST LAB=4 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	79	16.4	79	16.4
2	52	10.8	131	27.1
3	71	14.7	202	41.8
4	281	58.2	483	100.0

Chi-Square Test for Equal Proportions

Statistic = 286.747 DF = 3 Prob = 0.001

Analyses Output - Table 14
Panelists' Preferences - By Geographic Region

---------- LOC=NORTH EAST LAB=1 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	122	25.8	122	25.8
2	226	47.8	348	73.6
3	102	21.6	450	95.1
4	23	4.9	473	100.0

Chi-Square Test for Equal Proportions

Statistic = 177.258 DF = 3 Prob = 0.001

Analyses Output - Table 14
Panelists' Preferences - By Geographic Region

---------- LOC=NORTH EAST LAB=2 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	63	13.3	63	13.3
2	95	20.1	158	33.5
3	229	48.5	387	82.0
4	85	18.0	472	100.0

Chi-Square Test for Equal Proportions

Statistic = 143.763 DF = 3 Prob = 0.001

Analyses Output - Table 14
Panelists' Preferences - By Geographic Region

---------- LOC=NORTH EAST LAB=3 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	234	49.5	234	49.5
2	109	23.0	343	72.5
3	90	19.0	433	91.5
4	40	8.5	473	100.0

Chi-Square Test for Equal Proportions

Statistic = 172.556 DF = 3 Prob = 0.001

Analyses Output - Table 14
Panelists' Preferences - By Geographic Region

---------- LOC=NORTH EAST LAB=4 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	54	11.4	54	11.4
2	43	9.1	97	20.6
3	51	10.8	148	31.4
4	324	68.6	472	100.0

Chi-Square Test for Equal Proportions

Statistic = 480.051 DF = 3 Prob = 0.001

Analyses Output - Table 14
Panelists' Preferences - By Geographic Region

---------- LOC=SOUTH LAB=1 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	122	24.9	122	24.9
2	189	38.7	311	63.6
3	122	24.9	433	88.5
4	56	11.5	489	100.0

Chi-Square Test for Equal Proportions

Statistic = 72.350 DF = 3 Prob = 0.001

Analyses Output - Table 14
Panelists' Preferences - By Geographic Region

---------- LOC=SOUTH LAB=2 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	93	19.0	93	19.0
2	108	22.1	201	41.1
3	194	39.7	395	80.8
4	94	19.2	489	100.0

Chi-Square Test for Equal Proportions

Statistic = 57.299 DF = 3 Prob = 0.001

Analyses Output - Table 14
Panelists' Preferences - By Geographic Region

---------- LOC=SOUTH LAB=3 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	184	37.6	184	37.6
2	122	24.9	306	62.6
3	109	22.3	415	84.9
4	74	15.1	489	100.0

Chi-Square Test for Equal Proportions

Statistic = 51.671 DF = 3 Prob = 0.001

Analyses Output - Table 14
Panelists' Preferences - By Geographic Region

---------- LOC=SOUTH LAB=4 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	90	18.4	90	18.4
2	70	14.3	160	32.7
3	64	13.1	224	45.8
4	265	54.2	489	100.0

Chi-Square Test for Equal Proportions

Statistic = 225.282 DF = 3 Prob = 0.001

Analyses Output - Table 14
Panelists' Preferences - By Geographic Region

---------- LOC=WEST LAB=1 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	99	20.8	99	20.8
2	190	39.9	289	60.7
3	113	23.7	402	84.5
4	74	15.5	476	100.0

Chi-Square Test for Equal Proportions

Statistic = 63.042 DF = 3 Prob = 0.001

Analyses Output - Table 14
Panelists' Preferences - By Geographic Region

---------- LOC=WEST LAB=2 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	67	14.1	67	14.1
2	122	25.6	189	39.7
3	176	37.0	365	76.7
4	111	23.3	476	100.0

Chi-Square Test for Equal Proportions

Statistic = 50.639 DF = 3 Prob = 0.001

Analyses Output - Table 14
Panelists' Preferences - By Geographic Region

---------- LOC=WEST LAB=3 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	228	47.9	228	47.9
2	91	19.1	319	67.0
3	103	21.6	422	88.7
4	54	11.3	476	100.0

Chi-Square Test for Equal Proportions

Statistic = 144.084 DF = 3 Prob = 0.001

Analyses Output - Table 14
Panelists' Preferences - By Geographic Region

---------- LOC=WEST LAB=4 ----------

RANKING	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	82	17.2	82	17.2
2	73	15.3	155	32.6
3	84	17.6	239	50.2
4	237	49.8	476	100.0

Chi-Square Test for Equal Proportions

Statistic = 156.588 DF = 3 Prob = 0.001