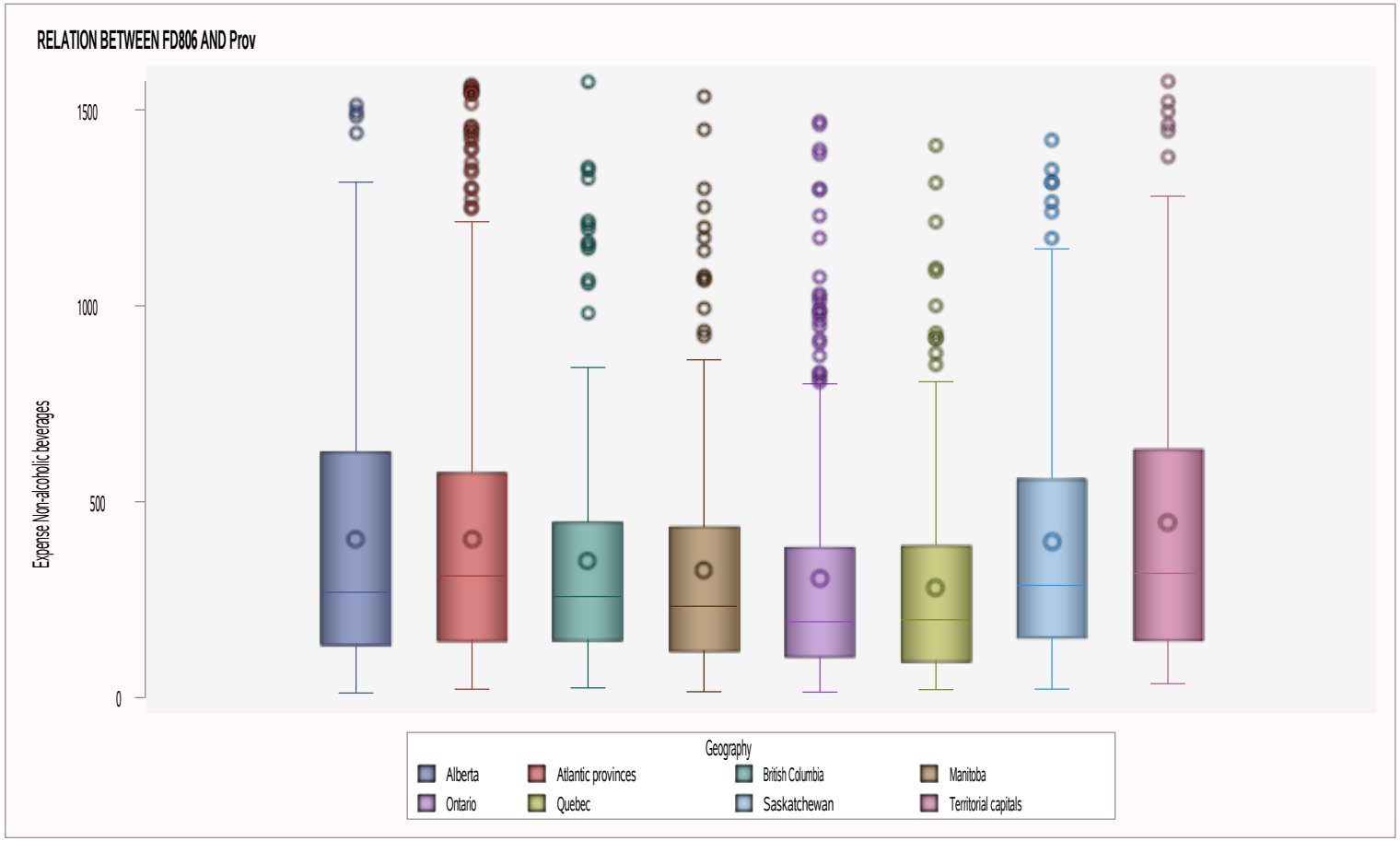
BIVARIATE ANALYSIS OF Prov AND FD806 FOR ANA.MODEL1
RELATION BETWEEN FD806 AND Prov

The MEANS Procedure

Analysis Variable : FD806 Expense Non-alcoholic beverages														
Geography	N Obs	N	N Miss	Minimum	Lower Quartile	Median	Mean	Upper Quartile	Maximum	Quartile Range	Coeff of Variation	Lower 95% CL for Mean	Upper 95% CL for Mean	Skewness
Alberta	958697	958697	0	11.83	133.64	269.10	404.36	626.08	1511.64	492.44	87.30	403.65	405.06	1.28
Atlantic provinces	629768	629768	0	21.58	144.56	310.70	404.59	573.30	1561.82	428.74	84.86	403.75	405.44	1.36
British Columbia	969907	969907	0	24.96	143.48	258.15	346.77	446.82	1569.37	303.34	86.11	346.17	347.36	1.68
Manitoba	299857	299857	0	15.08	116.22	233.16	324.21	434.83	1534.26	318.61	89.20	323.17	325.24	1.59
Ontario	2882375	2882375	0	14.08	101.66	193.91	305.37	382.58	1469.40	280.92	98.27	305.03	305.72	1.84
Quebec	2104687	2104687	0	20.54	91.95	198.90	279.25	388.94	1410.32	296.99	89.11	278.91	279.58	1.59
Saskatchewan	271874	271874	0	21.84	150.46	286.58	396.78	558.48	1420.62	408.02	79.99	395.59	397.97	1.15
Territorial capitals	11711	11711	0	35.62	146.21	317.31	447.33	633.10	1573.00	486.89	82.03	440.68	453.98	1.02



One-way ANOVA Assumptions
In order to run a one-way ANOVA the following assumptions must be met:
1.The response of interest is continuous and normally distributed for each treatment group:
Normality test: PROC UNIVARIATE NORMAL and QQPlot for each group.
2.Treatment groups are independent of one another. Experimental units only receive one treatment,and they do not overlap.
3.There are no major outliers.
4.A check for unequal variances will help determine which version of a one-way ANOVA is most appropriate
(Levene's test, Null hypothesis: variances are equal between groups):
A .If variances are equal, then the assumptions of a standard one-way ANOVA are met.
B. If variances are unequal, then a Welch's one-way ANOVA is appropriate.

Normal Distribution?
Null hypothesis: sample has a normal distribution
CLT :
a.If it looks normal and each group have more than 30 observations
b.If moderately skewed, each group must have more than 100 observations
*rule of thumb: If skewness is between -1 and -0.5 or between 0.5 and 1, the distribution is moderately skewed.
*if the sample size is over 2000, the Kolmgorov test should be used. If the sample size is less than 2000, the Shapiro test is better.

The UNIVARIATE Procedure
Variable: FD806 (Expense Non-alcoholic beverages)

Freq: WeightD

Geography=Alberta

Moments			
N	958697	**Sum Weights**	958697
Mean	404.357996	**Sum Observations**	387656798
Std Deviation	353.006082	**Variance**	124613.294
Skewness	1.28102241	**Kurtosis**	1.01480062
Uncorrected SS	2.76218E11	**Corrected SS**	1.19466E11
Coeff Variation	87.3003836	**Std Error Mean**	0.36053008

Basic Statistical Measures			
Location		**Variability**	
Mean	404.3580	**Std Deviation**	353.00608
Median	269.1000	**Variance**	124613
Mode	626.0800	**Range**	1500
		Interquartile Range	492.44000

The UNIVARIATE Procedure
Variable: FD806 (Expense Non-alcoholic beverages)

Freq: WeightD

Geography=Alberta

Tests for Location: Mu0=0				
Test	**Statistic**		**p Value**	
Student's t	**t**	1121.565	**Pr > |t|**	<.0001
Sign	**M**	479348.5	**Pr >= |M|**	<.0001
Signed Rank	**S**	2.298E11	**Pr >= |S|**	<.0001

Tests for Normality				
Test	**Statistic**		**p Value**	
Kolmogorov-Smirnov	**D**	0.165296	**Pr > D**	<0.0100
Cramer-von Mises	**W-Sq**	7815.48	**Pr > W-Sq**	<0.0050
Anderson-Darling	**A-Sq**	45258.44	**Pr > A-Sq**	<0.0050

Quantiles (Definition 5)	
Level	**Quantile**
100% Max	1511.64
99%	1494.48
95%	1192.36
90%	934.96
75% Q3	626.08
50% Median	269.10
25% Q1	133.64
10%	78.08
5%	55.28
1%	29.90
0% Min	11.83

The UNIVARIATE Procedure
Variable: FD806 (Expense Non-alcoholic beverages)

Freq: WeightD

Geography=Alberta

Extreme Observations					
Lowest			Highest		
Value	Freq	Obs	Value	Freq	Obs
11.83	3940	103	1315.54	4355	6
21.84	3250	66	1442.51	2361	14
29.90	5372	152	1485.65	5912	108
30.91	3237	59	1494.48	8411	3
34.06	3248	19	1511.64	5649	123

The UNIVARIATE Procedure
Variable: FD806 (Expense Non-alcoholic beverages)

Freq: WeightD

Geography=Atlantic provinces

Moments			
N	629768	Sum Weights	629768
Mean	404.594424	Sum Observations	254800621
Std Deviation	343.356582	Variance	117893.743
Skewness	1.35825064	Kurtosis	1.46298435
Uncorrected SS	1.77336E11	Corrected SS	7.42456E10
Coeff Variation	84.8643882	Std Error Mean	0.43266831

The UNIVARIATE Procedure
Variable: FD806 (Expense Non-alcoholic beverages)

Freq: WeightD

Geography=Atlantic provinces

Basic Statistical Measures			
Location		**Variability**	
Mean	404.5944	**Std Deviation**	343.35658
Median	310.7000	**Variance**	117894
Mode	76.1800	**Range**	1540
		Interquartile Range	428.74000

Tests for Location: Mu0=0				
Test	**Statistic**		**p Value**	
Student's t	**t**	935.1145	**Pr > |t|**	<.0001
Sign	**M**	314884	**Pr >= |M|**	<.0001
Signed Rank	**S**	9.915E10	**Pr >= |S|**	<.0001

Tests for Normality				
Test	**Statistic**		**p Value**	
Kolmogorov-Smirnov	**D**	0.133816	**Pr > D**	<0.0100
Cramer-von Mises	**W-Sq**	4094.321	**Pr > W-Sq**	<0.0050
Anderson-Darling	**A-Sq**	25014.54	**Pr > A-Sq**	<0.0050

Quantiles (Definition 5)	
Level	**Quantile**
100% Max	1561.82
99%	1513.44
95%	1133.16
90%	844.40

The UNIVARIATE Procedure
Variable: FD806 (Expense Non-alcoholic beverages)

Freq: WeightD

Geography=Atlantic provinces

Quantiles (Definition 5)	
Level	**Quantile**
75% Q3	573.30
50% Median	310.70
25% Q1	144.56
10%	75.69
5%	49.00
1%	26.00
0% Min	21.58

Extreme Observations					
Lowest			**Highest**		
Value	**Freq**	**Obs**	**Value**	**Freq**	**Obs**
21.58	840	866	1540.76	776	314
21.58	347	477	1546.22	669	397
23.40	132	211	1556.41	1360	458
24.82	209	844	1557.89	759	825
24.96	186	246	1561.82	491	335

The UNIVARIATE Procedure
Variable: FD806 (Expense Non-alcoholic beverages)

Freq: WeightD

Geography=British Columbia

Moments			
N	969907	**Sum Weights**	969907
Mean	346.767865	**Sum Observations**	336332580
Std Deviation	298.615022	**Variance**	89170.9313
Skewness	1.68376037	**Kurtosis**	2.83724693
Uncorrected SS	2.03117E11	**Corrected SS**	8.64874E10
Coeff Variation	86.1138103	**Std Error Mean**	0.30321215

Basic Statistical Measures			
Location		**Variability**	
Mean	346.7679	**Std Deviation**	298.61502
Median	258.1500	**Variance**	89171
Mode	516.1000	**Range**	1544
		Interquartile Range	303.34000

Tests for Location: Mu0=0				
Test	**Statistic**		**p Value**	
Student's t	**t**	1143.648	**Pr > |t|**	<.0001
Sign	**M**	484953.5	**Pr >= |M|**	<.0001
Signed Rank	**S**	2.352E11	**Pr >= |S|**	<.0001

The UNIVARIATE Procedure
Variable: FD806 (Expense Non-alcoholic beverages)

Freq: WeightD

Geography=British Columbia

Tests for Normality				
Test	**Statistic**		**p Value**	
Kolmogorov-Smirnov	**D**	0.141356	**Pr > D**	<0.0100
Cramer-von Mises	**W-Sq**	7488.665	**Pr > W-Sq**	<0.0050
Anderson-Darling	**A-Sq**	46314.23	**Pr > A-Sq**	<0.0050

Quantiles (Definition 5)	
Level	**Quantile**
100% Max	1569.37
99%	1346.28
95%	1145.04
90%	741.98
75% Q3	446.82
50% Median	258.15
25% Q1	143.48
10%	63.31
5%	48.36
1%	28.86
0% Min	24.96

The UNIVARIATE Procedure
Variable: FD806 (Expense Non-alcoholic beverages)

Freq: WeightD

Geography=British Columbia

Extreme Observations					
Lowest			Highest		
Value	Freq	Obs	Value	Freq	Obs
24.96	1553	1057	1217.58	9539	1056
28.00	6907	1095	1327.30	3791	936
28.86	3183	951	1346.28	5467	1104
31.20	4303	1074	1354.61	1683	1094
37.95	3779	1046	1569.37	4907	990

The UNIVARIATE Procedure
Variable: FD806 (Expense Non-alcoholic beverages)

Freq: WeightD

Geography=Manitoba

Moments			
N	299857	**Sum Weights**	299857
Mean	324.209684	**Sum Observations**	97216543.3
Std Deviation	289.205287	**Variance**	83639.6978
Skewness	1.58681127	**Kurtosis**	2.46460341
Uncorrected SS	5.65984E10	**Corrected SS**	2.50799E10
Coeff Variation	89.203161	**Std Error Mean**	0.52814009

The UNIVARIATE Procedure
Variable: FD806 (Expense Non-alcoholic beverages)

Freq: WeightD

Geography=Manitoba

Basic Statistical Measures			
Location		**Variability**	
Mean	324.2097	**Std Deviation**	289.20529
Median	233.1600	**Variance**	83640
Mode	88.4000	**Range**	1519
		Interquartile Range	318.61000

Tests for Location: Mu0=0				
Test	**Statistic**		**p Value**	
Student's t	**t**	613.8706	**Pr > |t|**	<.0001
Sign	**M**	149928.5	**Pr >= |M|**	<.0001
Signed Rank	**S**	2.248E10	**Pr >= |S|**	<.0001

Tests for Normality				
Test	**Statistic**		**p Value**	
Kolmogorov-Smirnov	**D**	0.160308	**Pr > D**	<0.0100
Cramer-von Mises	**W-Sq**	2594.704	**Pr > W-Sq**	<0.0050
Anderson-Darling	**A-Sq**	14984.59	**Pr > A-Sq**	<0.0050

Quantiles (Definition 5)	
Level	**Quantile**
100% Max	1534.26
99%	1295.52
95%	923.14
90%	762.32

The UNIVARIATE Procedure
Variable: FD806 (Expense Non-alcoholic beverages)

Freq: WeightD

Geography=Manitoba

Quantiles (Definition 5)	
Level	**Quantile**
75% Q3	434.83
50% Median	233.16
25% Q1	116.22
10%	64.20
5%	45.20
1%	26.00
0% Min	15.08

Extreme Observations					
Lowest			**Highest**		
Value	**Freq**	**Obs**	**Value**	**Freq**	**Obs**
15.08	1520	1317	1199.64	1941	1130
22.36	381	1272	1250.08	1147	1222
26.00	2580	1253	1295.52	1520	1141
26.26	1551	1237	1449.41	505	1270
29.55	846	1231	1534.26	1566	1186

The UNIVARIATE Procedure
Variable: FD806 (Expense Non-alcoholic beverages)

Freq: WeightD

Geography=Ontario

Moments			
N	2882375	**Sum Weights**	2882375
Mean	305.372478	**Sum Observations**	880197996
Std Deviation	300.076977	**Variance**	90046.192
Skewness	1.84284509	**Kurtosis**	3.20371507
Uncorrected SS	5.28335E11	**Corrected SS**	2.59547E11
Coeff Variation	98.2658879	**Std Error Mean**	0.17674919

Basic Statistical Measures			
Location		**Variability**	
Mean	305.3725	**Std Deviation**	300.07698
Median	193.9100	**Variance**	90046
Mode	107.6400	**Range**	1455
		Interquartile Range	280.92000

Tests for Location: Mu0=0				
Test	**Statistic**		**p Value**	
Student's t	**t**	1727.716	**Pr > |t|**	<.0001
Sign	**M**	1441188	**Pr >= |M|**	<.0001
Signed Rank	**S**	2.077E12	**Pr >= |S|**	<.0001

The UNIVARIATE Procedure
Variable: FD806 (Expense Non-alcoholic beverages)

Freq: WeightD

Geography=Ontario

Tests for Normality				
Test	**Statistic**		**p Value**	
Kolmogorov-Smirnov	**D**	0.1755	**Pr > D**	<0.0100
Cramer-von Mises	**W-Sq**	34395.01	**Pr > W-Sq**	<0.0050
Anderson-Darling	**A-Sq**	196675.8	**Pr > A-Sq**	<0.0050

Quantiles (Definition 5)	
Level	**Quantile**
100% Max	1469.40
99%	1403.07
95%	991.74
90%	723.14
75% Q3	382.58
50% Median	193.91
25% Q1	101.66
10%	55.44
5%	49.53
1%	27.30
0% Min	14.08

The UNIVARIATE Procedure
Variable: FD806 (Expense Non-alcoholic beverages)

Freq: WeightD

Geography=Ontario

Extreme Observations					
Lowest			Highest		
Value	Freq	Obs	Value	Freq	Obs
14.08	15313	1591	1300.78	18757	1394
27.30	15881	1597	1384.86	5785	1338
29.12	1772	1455	1403.07	6213	1386
35.92	14896	1545	1464.24	12702	1429
36.08	6267	1599	1469.40	12196	1353

The UNIVARIATE Procedure
Variable: FD806 (Expense Non-alcoholic beverages)

Freq: WeightD

Geography=Quebec

Moments			
N	2104687	Sum Weights	2104687
Mean	279.245849	Sum Observations	587725108
Std Deviation	248.826064	Variance	61914.4104
Skewness	1.59416598	Kurtosis	2.70037194
Uncorrected SS	2.9443E11	Corrected SS	1.3031E11
Coeff Variation	89.1064506	Std Error Mean	0.171515

The UNIVARIATE Procedure
Variable: FD806 (Expense Non-alcoholic beverages)

Freq: WeightD

Geography=Quebec

Basic Statistical Measures			
Location		**Variability**	
Mean	279.2458	**Std Deviation**	248.82606
Median	198.9000	**Variance**	61914
Mode	315.4500	**Range**	1390
		Interquartile Range	296.99000

Tests for Location: Mu0=0				
Test	**Statistic**		**p Value**	
Student's t	**t**	1628.113	**Pr > |t|**	<.0001
Sign	**M**	1052344	**Pr >= |M|**	<.0001
Signed Rank	**S**	1.107E12	**Pr >= |S|**	<.0001

Tests for Normality				
Test	**Statistic**		**p Value**	
Kolmogorov-Smirnov	**D**	0.15269	**Pr > D**	<0.0100
Cramer-von Mises	**W-Sq**	16885.38	**Pr > W-Sq**	<0.0050
Anderson-Darling	**A-Sq**	97685.35	**Pr > A-Sq**	<0.0050

Quantiles (Definition 5)	
Level	**Quantile**
100% Max	1410.32
99%	1211.03
95%	777.14
90%	618.02

The UNIVARIATE Procedure
Variable: FD806 (Expense Non-alcoholic beverages)

Freq: WeightD

Geography=Quebec

Quantiles (Definition 5)	
Level	**Quantile**
75% Q3	388.94
50% Median	198.90
25% Q1	91.95
10%	52.52
5%	34.39
1%	26.52
0% Min	20.54

Extreme Observations					
Lowest			**Highest**		
Value	**Freq**	**Obs**	**Value**	**Freq**	**Obs**
20.54	4062	1865	1086.02	10294	1909
20.80	8060	1835	1095.16	5455	1875
21.28	7665	1858	1211.03	7410	1873
26.52	16121	1868	1309.62	11846	1705
27.30	7416	1627	1410.32	2957	1687

The UNIVARIATE Procedure
Variable: FD806 (Expense Non-alcoholic beverages)

Freq: WeightD

Geography=Saskatchewan

Moments			
N	271874	**Sum Weights**	271874
Mean	396.778273	**Sum Observations**	107873696
Std Deviation	317.363383	**Variance**	100719.517
Skewness	1.14716933	**Kurtosis**	0.63577485
Uncorrected SS	7.01849E10	**Corrected SS**	2.73829E10
Coeff Variation	79.9850709	**Std Error Mean**	0.6086575

Basic Statistical Measures			
Location		**Variability**	
Mean	396.7783	**Std Deviation**	317.36338
Median	286.5800	**Variance**	100720
Mode	45.3600	**Range**	1399
		Interquartile Range	408.02000

Tests for Location: Mu0=0				
Test	**Statistic**		**p Value**	
Student's t	**t**	651.8909	**Pr > |t|**	<.0001
Sign	**M**	135937	**Pr >= |M|**	<.0001
Signed Rank	**S**	1.848E10	**Pr >= |S|**	<.0001

The UNIVARIATE Procedure
Variable: FD806 (Expense Non-alcoholic beverages)

Freq: WeightD

Geography=Saskatchewan

Tests for Normality				
Test	**Statistic**		**p Value**	
Kolmogorov-Smirnov	**D**	0.142037	**Pr > D**	<0.0100
Cramer-von Mises	**W-Sq**	1757.807	**Pr > W-Sq**	<0.0050
Anderson-Darling	**A-Sq**	10351.25	**Pr > A-Sq**	<0.0050

Quantiles (Definition 5)	
Level	**Quantile**
100% Max	1420.62
99%	1313.72
95%	1067.11
90%	867.33
75% Q3	558.48
50% Median	286.58
25% Q1	150.46
10%	90.33
5%	63.87
1%	35.97
0% Min	21.84

The UNIVARIATE Procedure
Variable: FD806 (Expense Non-alcoholic beverages)

Freq: WeightD

Geography=Saskatchewan

Extreme Observations					
Lowest			Highest		
Value	Freq	Obs	Value	Freq	Obs
21.84	1372	2064	1266.72	1518	2153
28.46	523	2027	1313.62	888	1965
35.97	838	2140	1313.72	1691	2058
40.67	629	2083	1346.69	1060	1940
41.27	497	1944	1420.62	1377	1961

The UNIVARIATE Procedure
Variable: FD806 (Expense Non-alcoholic beverages)

Freq: WeightD

Geography=Territorial capitals

Moments			
N	11711	**Sum Weights**	11711
Mean	447.32884	**Sum Observations**	5238668.05
Std Deviation	366.931505	**Variance**	134638.729
Skewness	1.0227851	**Kurtosis**	0.2342045
Uncorrected SS	3920026824	**Corrected SS**	1576619520
Coeff Variation	82.0272407	**Std Error Mean**	3.39068942

The UNIVARIATE Procedure
Variable: FD806 (Expense Non-alcoholic beverages)

Freq: WeightD

Geography=Territorial capitals

Basic Statistical Measures			
Location		**Variability**	
Mean	447.3288	**Std Deviation**	366.93150
Median	317.3100	**Variance**	134639
Mode	96.9400	**Range**	1537
		Interquartile Range	486.89000

Tests for Location: Mu0=0				
Test	**Statistic**		**p Value**	
Student's t	**t**	131.9286	**Pr > |t|**	<.0001
Sign	**M**	5855.5	**Pr >= |M|**	<.0001
Signed Rank	**S**	34289808	**Pr >= |S|**	<.0001

Tests for Normality				
Test	**Statistic**		**p Value**	
Kolmogorov-Smirnov	**D**	0.155138	**Pr > D**	<0.0100
Cramer-von Mises	**W-Sq**	69.88919	**Pr > W-Sq**	<0.0050
Anderson-Darling	**A-Sq**	422.3186	**Pr > A-Sq**	<0.0050

Quantiles (Definition 5)	
Level	**Quantile**
100% Max	1573.00
99%	1494.74
95%	1191.01
90%	1029.41

The UNIVARIATE Procedure
Variable: FD806 (Expense Non-alcoholic beverages)

Freq: WeightD

Geography=Territorial capitals

Quantiles (Definition 5)	
Level	**Quantile**
75% Q3	633.10
50% Median	317.31
25% Q1	146.21
10%	70.20
5%	62.66
1%	43.96
0% Min	35.62

Extreme Observations					
Lowest			**Highest**		
Value	**Freq**	**Obs**	**Value**	**Freq**	**Obs**
35.62	18	2183	1447.85	46	2293
43.96	115	2265	1462.25	45	2171
47.35	157	2299	1494.74	58	2215
50.18	58	2278	1522.61	59	2169
51.48	33	2302	1573.00	43	2179

Null hypothesis: equal variances
a.If variances are equal, then a pooled t-test is appropriate
b.If variances are unequal, then a Satterthwaite (also known as Welch's) test is appropriate

The GLM Procedure

Class Level Information		
Class	**Levels**	**Values**
Prov	8	Alberta Atlantic provinces British Columbia Manitoba Ontario Quebec Saskatchewan Territorial capitals

Number of Observations Read	2327
Number of Observations Used	2327
Sum of Frequencies Read	8128876
Sum of Frequencies Used	8128876

The GLM Procedure

Dependent Variable: FD806 Expense Non-alcoholic beverages

Frequency: WeightD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	7	17551256049	2507322292.7	28147.8	<.0001
Error	8.13E6	724095873793	89077.085984		
Corrected Total	8.13E6	741647129841			

R-Square	Coeff Var	Root MSE	FD806 Mean
0.023665	91.30931	298.4578	326.8646

Source	DF	Type I SS	Mean Square	F Value	Pr > F
Prov	7	17551256049	2507322293	28147.8	<.0001

Source	DF	Type III SS	Mean Square	F Value	Pr > F
Prov	7	17551256049	2507322293	28147.8	<.0001

The GLM Procedure

Levene's Test for Homogeneity of FD806 Variance ANOVA of Absolute Deviations from Group Means					
Source	**DF**	**Sum of Squares**	**Mean Square**	**F Value**	**Pr > F**
Prov	7	7.3095E9	1.0442E9	27277.3	<.0001
Error	8.13E6	3.112E11	38281.4		

Welch's ANOVA for FD806			
Source	**DF**	**F Value**	**Pr > F**
Prov	7.0000	25845.7	<.0001
Error	220418		

The GLM Procedure

Level of Prov	N	FD806	
		Mean	**Std Dev**
Alberta	958697	404.357996	353.006082
Atlantic provinces	629768	404.594424	343.356582
British Columbia	969907	346.767865	298.615022
Manitoba	299857	324.209684	289.205287
Ontario	2882375	305.372478	300.076977
Quebec	2104687	279.245849	248.826064
Saskatchewan	271874	396.778273	317.363383
Territorial capitals	11711	447.328840	366.931505

The GLM Procedure
Least Squares Means
Adjustment for Multiple Comparisons: Tukey-Kramer

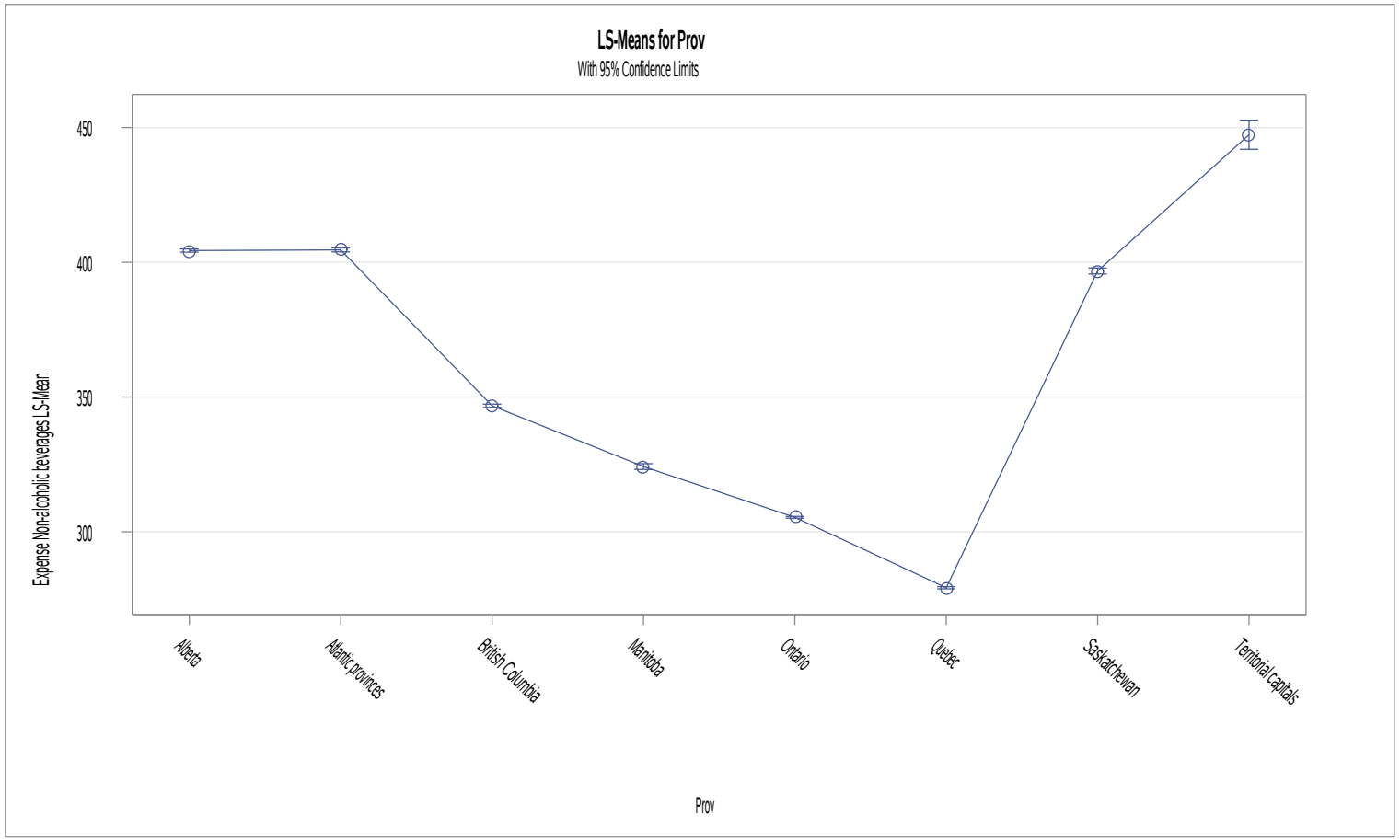
Prov	FD806 LSMEAN	LSMEAN Number
Alberta	404.357996	1
Atlantic provinces	404.594424	2
British Columbia	346.767865	3
Manitoba	324.209684	4
Ontario	305.372478	5
Quebec	279.245849	6
Saskatchewan	396.778273	7
Territorial capitals	447.328840	8

Least Squares Means for effect Prov
Pr > |t| for H0: LSMean(i)=LSMean(j)

Dependent Variable: FD806

i/j	1	2	3	4	5	6	7	8
1		0.9997	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001
2	0.9997		<.0001	<.0001	<.0001	<.0001	<.0001	<.0001
3	<.0001	<.0001		<.0001	<.0001	<.0001	<.0001	<.0001
4	<.0001	<.0001	<.0001		<.0001	<.0001	<.0001	<.0001
5	<.0001	<.0001	<.0001	<.0001		<.0001	<.0001	<.0001
6	<.0001	<.0001	<.0001	<.0001	<.0001		<.0001	<.0001
7	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001		<.0001
8	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	

The GLM Procedure
Least Squares Means
Adjustment for Multiple Comparisons: Tukey-Kramer



The GLM Procedure
Least Squares Means
Adjustment for Multiple Comparisons: Tukey-Kramer