Obs	GRADE	FLOORS	BEDROOMS	SQFT_LIVING	PRICE
1	7	1	2	1160	468000
2	7	1	2	1200	189000
3	7	1	2	1070	252700
4	7	1	2	1980	585000
5	7	1	2	2020	355000
6	7	1	3	1180	221900
7	7	1	3	1060	291850
8	7	1	3	1780	229500
9	7	1	3	1370	400000
10	7	1	3	1250	230000
11	7	1	4	1960	604000
12	7	1	4	1620	385000
13	7	1	4	2060	322500
14	7	1	4	1220	240000
15	7	1	4	1760	380000
16	7	1.5	2	1430	455000
17	7	1.5	2	1420	592500
18	7	1.5	2	1490	625000
19	7	1.5	2	2130	730000
20	7	1.5	2	1100	450000
21	7	1.5	3	1430	310000
22	7	1.5	3	2770	317625
23	7	1.5	3	1980	555000
24	7	1.5	3	1670	460000
25	7	1.5	3	1110	560000
26	7	1.5	4	1600	485000
27	7	1.5	4	2330	687500
28	7	1.5	4	2750	571000
29	7	1.5	4	1610	535000
30	7	1.5	4	2100	445000
31	7	2	2	1610	215000
32	7	2	2	1030	335000
33	7	2	2	2420	430000
34	7	2	2	1050	163500
35	7	2	2	1450	655000
36	7	2	3	2570	538000
37	7	2	3	1715	257500

Obs	GRADE	FLOORS	BEDROOMS	SQFT_LIVING	PRICE
38	7	2	3	1890	323000
39	7	2	3	1890	395000
40	7	2	3	1570	685000
41	7	2	4	2250	292500
42	7	2	4	2240	287000
43	7	2	4	1900	360000
44	7	2	4	1980	243500
45	7	2	4	2070	430000
46	8	1	2	1240	188500
47	8	1	2	3900	1072000
48	8	1	2	1320	467000
49	8	1	2	1510	479950
50	8	1	2	1420	641000
51	8	1	3	1680	510000
52	8	1	3	3560	662500
53	8	1	3	2150	650000
54	8	1	3	1680	356000
55	8	1	3	1580	430000
56	8	1	4	4220	775000
57	8	1	4	2160	260000
58	8	1	4	2010	660500
59	8	1	4	2590	452000
60	8	1	4	2030	500000
61	8	1.5	2	1410	439900
62	8	1.5	2	1600	672324
63	8	1.5	2	2700	1260000
64	8	1.5	2	1750	575000
65	8	1.5	2	1700	710000
66	8	1.5	3	1400	667000
67	8	1.5	3	1090	535000
68	8	1.5	3	2300	696000
69	8	1.5	3	1660	780000
70	8	1.5	3	1180	610000
71	8	1.5	4	2750	1450000
72	8	1.5	4	2370	834000
73	8	1.5	4	2610	1000000
74	8	1.5	4	1820	1010000

Obs	GRADE	FLOORS	BEDROOMS	SQFT_LIVING	PRICE
75	8	1.5	4	2440	780000
76	8	2	2	1230	490000
77	8	2	2	1400	372500
78	8	2	2	1270	531000
79	8	2	2	1180	419000
80	8	2	2	1370	359000
81	8	2	3	2450	329000
82	8	2	3	2450	937000
83	8	2	3	2320	580500
84	8	2	3	3160	488000
85	8	2	3	2420	301000
86	8	2	4	2570	719000
87	8	2	4	2360	640000
88	8	2	4	2620	605000
89	8	2	4	1850	430000
90	8	2	4	2380	360000
91	9	1	2	2680	775000
92	9	1	2	1880	460000
93	9	1	2	3570	835000
94	9	1	2	1670	539950
95	9	1	2	1910	435000
96	9	1	3	3050	2000000
97	9	1	3	2753	1350000
98	9	1	3	2370	790000
99	9	1	3	2930	559900
100	9	1	3	2500	662000
101	9	1	4	2480	840000
102	9	1	4	2240	592500
103	9	1	4	3650	2400000
104	9	1	4	1710	749000
105	9	1	4	3140	578000
106	9	1.5	2	2360	1087500
107	9	1.5	2	2460	1370000
108	9	1.5	2	1590	850000
109	9	1.5	2	2320	1150000
110	9	1.5	2	1410	399900
111	9	1.5	3	2070	850830

# ${\bf SAS\,Program\,for\,CRF\,Design\text{-}HOUSE\_PRICES}$

Obs	GRADE	FLOORS	BEDROOMS	SQFT_LIVING	PRICE
112	9	1.5	3	3950	784000
113	9	1.5	3	2170	876650
114	9	1.5	3	2730	1338750
115	9	1.5	3	2350	339000
116	9	1.5	4	2050	740000
117	9	1.5	4	5450	610000
118	9	1.5	4	3190	1249000
119	9	1.5	4	3040	870000
120	9	1.5	4	3160	1280000
121	9	2	2	1070	259950
122	9	2	2	1780	935000
123	9	2	2	1590	409900
124	9	2	2	2540	945000
125	9	2	2	1295	487028
126	9	2	3	2140	940000
127	9	2	3	2770	461000
128	9	2	3	2320	437500
129	9	2	3	2910	770000
130	9	2	3	2714	465000
131	9	2	4	2950	650000
132	9	2	4	2570	625000
133	9	2	4	2290	785000
134	9	2	4	2830	885000
135	9	2	4	3230	480000

# ${\bf SAS\,Program\,for\,CRF\,Design\text{-}HOUSE\_PRICES}$

Class Level Information				
Class Levels Values				
GRADE	3	789		
FLOORS	3	1 2 1.5		
BEDROOMS	3	234		

Number of Observations Read	135
Number of Observations Used	135

### **The GLM Procedure**

### Dependent Variable: PRICE PRICE

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	10	5.5437922E12	554379222237	7.07	<.0001
Error	124	9.7215413E12	78399526236		
Corrected Total	134	1.5265333E13			

R-Square	Coeff Var	Root MSE	PRICE Mean
0.363162	45.47349	279999.2	615741.5

Source	DF	Type I SS	Mean Square	F Value	Pr > F
GRADE	2	3.7431265E12	1.8715633E12	23.87	<.0001
FLOORS	2	1.3429852E12	671492587159	8.57	0.0003
BEDROOMS	2	194374183732	97187091866	1.24	0.2931
FLOORS*BEDROOMS	4	263306322057	65826580514	0.84	0.5026

Source	DF	Type III SS	Mean Square	F Value	Pr > F
GRADE	2	3.7431265E12	1.8715633E12	23.87	<.0001
FLOORS	2	1.3429852E12	671492587159	8.57	0.0003
BEDROOMS	2	194374183732	97187091866	1.24	0.2931
FLOORS*BEDROOMS	4	263306322057	65826580514	0.84	0.5026

# ${\bf SAS\,Program\,for\,CRF\,Design\text{-}HOUSE\_PRICES}$

Class Level Information				
Class	Levels	Values		
GRADE	3	789		
FLOORS	3	1 2 1.5		
BEDROOMS	3	234		

Number of Observations Read	135
Number of Observations Used	135

### **The GLM Procedure**

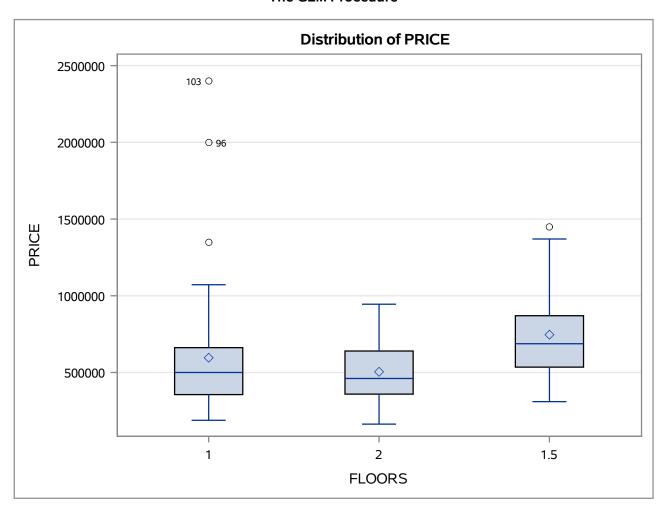
### Dependent Variable: PRICE PRICE

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	6	5.2804859E12	880080983385	11.28	<.0001
Error	128	9.9848476E12	78006621682		
Corrected Total	134	1.5265333E13			

R-Square	Coeff Var	Root MSE	PRICE Mean
0.345914	45.35940	279296.7	615741.5

Source	DF	Type I SS	Mean Square	F Value	Pr > F
GRADE	2	3.7431265E12	1.8715633E12	23.99	<.0001
FLOORS	2	1.3429852E12	671492587159	8.61	0.0003
BEDROOMS	2	194374183732	97187091866	1.25	0.2912

Source	DF	Type III SS	Mean Square	F Value	Pr > F
GRADE	2	3.7431265E12	1.8715633E12	23.99	<.0001
FLOORS	2	1.3429852E12	671492587159	8.61	0.0003
BEDROOMS	2	194374183732	97187091866	1.25	0.2912



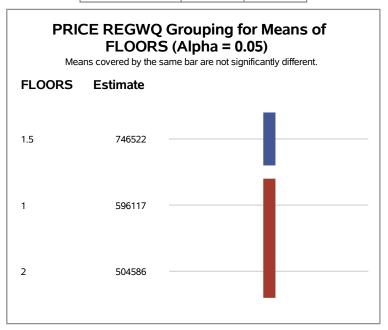
#### The GLM Procedure

### Ryan-Einot-Gabriel-Welsch Multiple Range Test for PRICE

Note: This test controls the Type I experimentwise error rate.

Alpha	0.05
Error Degrees of Freedom	128
Error Mean Square	7.801E10

Number of Means	2	3
Critical Range	116505.94	139623.69

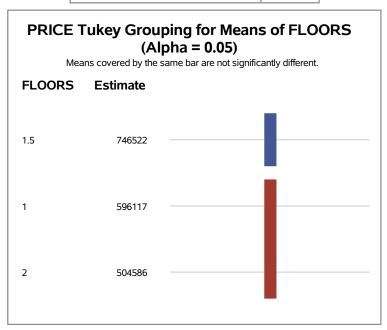


#### The GLM Procedure

### Tukey's Studentized Range (HSD) Test for PRICE

Note: This test controls the Type I experimentwise error rate, but it generally has a higher Type II error rate than REGWQ.

Alpha	0.05
Error Degrees of Freedom	128
Error Mean Square	7.801E10
Critical Value of Studentized Range	3.35351
Minimum Significant Difference	139624

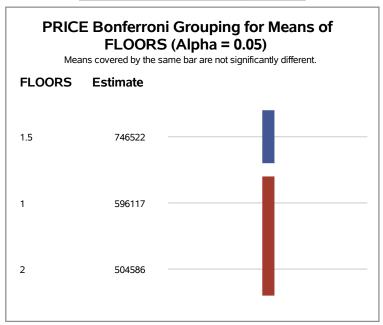


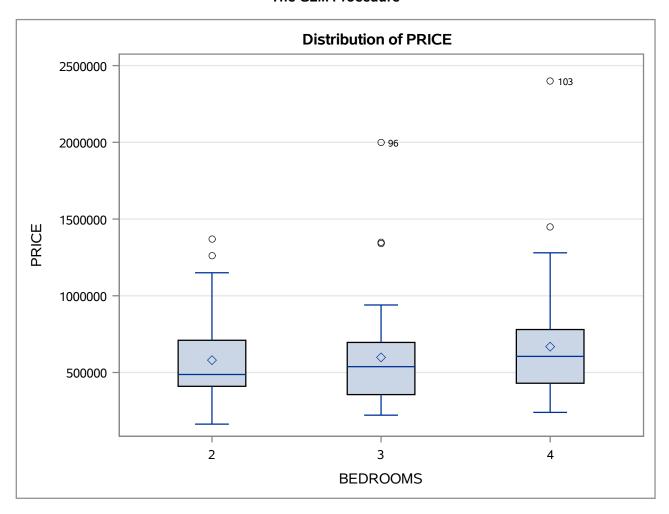
#### The GLM Procedure

#### Bonferroni (Dunn) t Tests for PRICE

Note: This test controls the Type I experimentwise error rate, but it generally has a higher Type II error rate than REGWQ.

Alpha	0.05
Error Degrees of Freedom	128
Error Mean Square	7.801E10
Critical Value of t	2.42585
Minimum Significant Difference	142836





#### The GLM Procedure

### Ryan-Einot-Gabriel-Welsch Multiple Range Test for PRICE

Note: This test controls the Type I experimentwise error rate.

Alpha	0.05
Error Degrees of Freedom	128
Error Mean Square	7.801E10

Number of Means	2	3
Critical Range	116505.94	139623.69

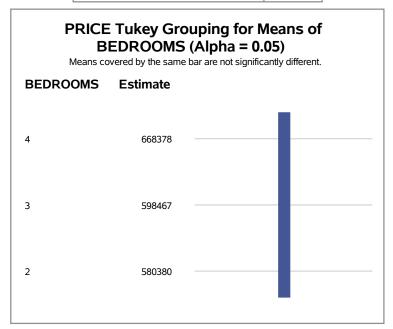


#### The GLM Procedure

### Tukey's Studentized Range (HSD) Test for PRICE

Note: This test controls the Type I experimentwise error rate, but it generally has a higher Type II error rate than REGWQ.

Alpha	0.05
Error Degrees of Freedom	128
Error Mean Square	7.801E10
Critical Value of Studentized Range	3.35351
Minimum Significant Difference	139624

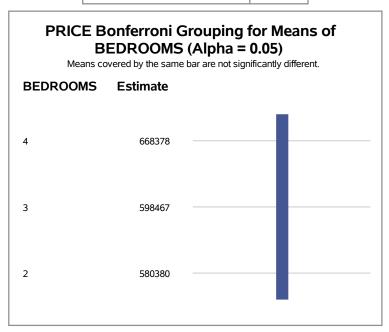


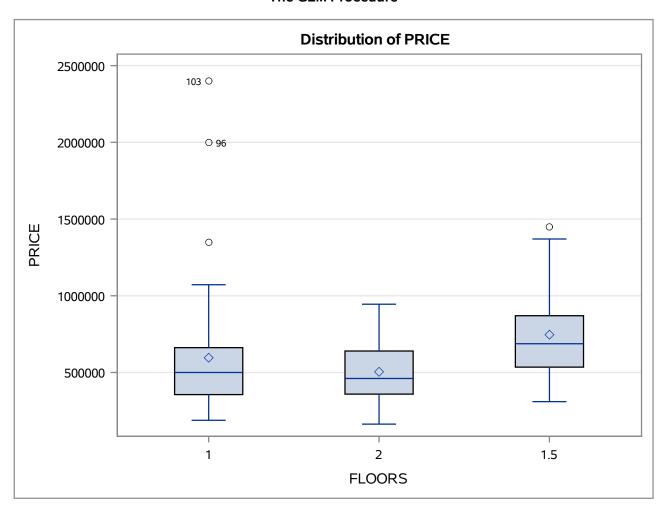
#### The GLM Procedure

#### **Bonferroni (Dunn) t Tests for PRICE**

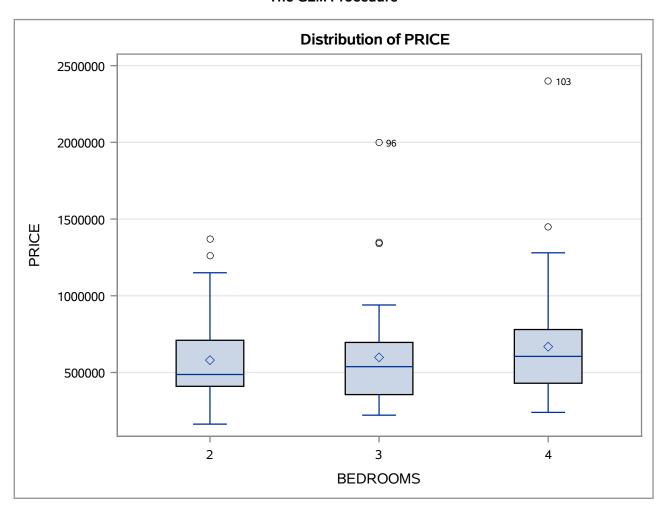
Note: This test controls the Type I experimentwise error rate, but it generally has a higher Type II error rate than REGWQ.

Alpha	0.05
Error Degrees of Freedom	128
Error Mean Square	7.801E10
Critical Value of t	2.42585
Minimum Significant Difference	142836

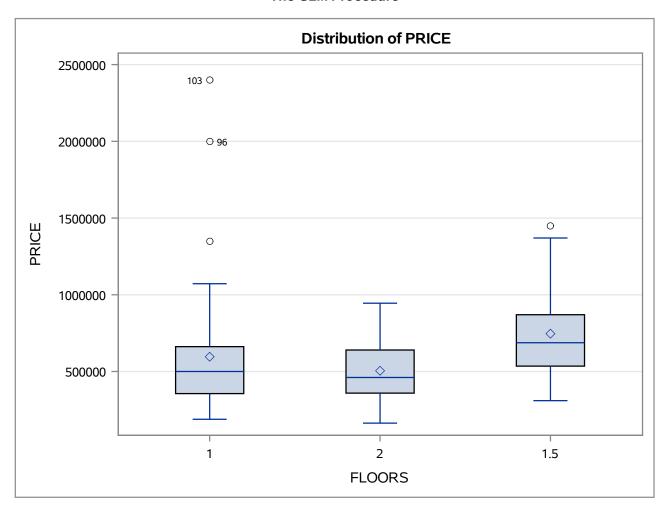




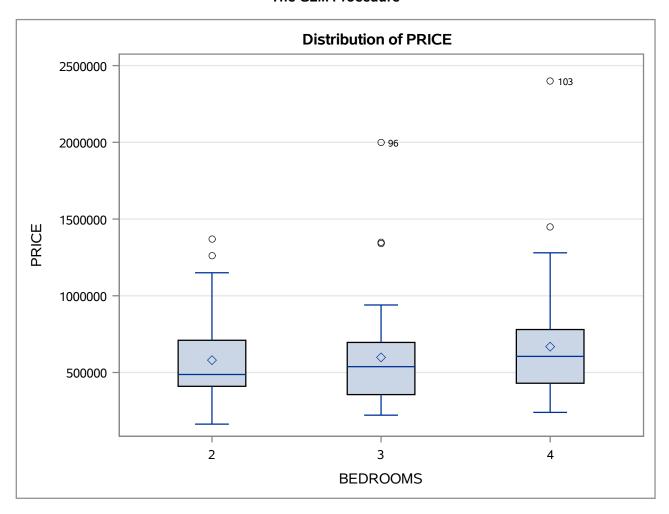
		PRICE		
Level of FLOORS	N	Mean	Std Dev	
1	45	596116.667	425098.150	
2	45	504586.178	211744.676	
1.5	45	746521.756	301451.094	



		PRICE		
Level of BEDROOMS	N	Mean	Std Dev	
2	45	580380.044	289360.996	
3	45	598466.778	336714.123	
4	45	668377.778	381333.995	



		PRICE		
Level of FLOORS	N	Mean	Std Dev	
1	45	596116.667	425098.150	
2	45	504586.178	211744.676	
1.5	45	746521.756	301451.094	



		PRICE		
Level of BEDROOMS	N	Mean	Std Dev	
2	45	580380.044	289360.996	
3	45	598466.778	336714.123	
4	45	668377.778	381333.995	

### The UNIVARIATE Procedure Variable: PRICE (PRICE)

Moments						
N	15	Sum Weights	15			
Mean	516206.667	Sum Observations	7743100			
Std Deviation	242615.467	Variance	5.88623E10			
Skewness	0.7502438	Kurtosis	0.64129667			
Uncorrected SS	4.82111E12	Corrected SS	8.24072E11			
Coeff Variation	46.9996771	Std Error Mean	62643.0441			

Basic Statistical Measures					
Location Variability					
Mean	516206.7	Std Deviation	242615		
Median	468000.0	Variance	5.88623E10		
Mode		Range	883500		
		Interquartile Range	286000		

Tests for Location: Mu0=0						
Test	Statistic p Value					
Student's t	t	8.240447	Pr >  t	<.0001		
Sign	М	7.5	Pr >=  M	<.0001		
Signed Rank	s	60	Pr >=  S	<.0001		

Tests for Normality						
Test	Statistic p Value					
Shapiro-Wilk	w	0.940675	Pr < W	0.3909		
Kolmogorov-Smirnov	D	0.159397	Pr > D	>0.1500		
Cramer-von Mises	W-Sq	0.061387	Pr > W-Sq	>0.2500		
Anderson-Darling	A-Sq	0.361295	Pr > A-Sq	>0.2500		

Quantiles (Definition 5)				
Level	Quantile			
100% Max	1072000			
99%	1072000			
95%	1072000			
90%	835000			
75% Q3	641000			

### The UNIVARIATE Procedure Variable: PRICE (PRICE)

Quantiles (Definition 5)			
Level Quantile			
50% Median	468000		
25% Q1	355000		
10%	189000		
5%	188500		
1%	188500		
0% Min	188500		

Extreme Observations							
Lowest					High	nest	
Value	FLOORS	BEDROOMS	Obs	Value	FLOORS	BEDROOMS	Obs
188500	1	2	6	585000	1	2	4
189000	1	2	2	641000	1	2	10
252700	1	2	3	775000	1	2	11
355000	1	2	5	835000	1	2	13
435000	1	2	15	1072000	1	2	7

### The UNIVARIATE Procedure Variable: PRICE (PRICE)

Moments						
N	15	Sum Weights	15			
Mean	622910	Sum Observations	9343650			
Std Deviation	478927.934	Variance	2.29372E11			
Skewness	2.05524781	Kurtosis	4.52561209			
Uncorrected SS	9.03146E12	Corrected SS	3.21121E12			
Coeff Variation	76.8855748	Std Error Mean	123658.661			

Basic Statistical Measures				
Location Variability				
Mean	622910.0	Std Deviation	478928	
Median	510000.0	Variance	2.29372E11	
Mode		Range	1778100	
		Interquartile Range	370650	

Tests for Location: Mu0=0					
Test	St	atistic	p Val	lue	
Student's t	t	5.037334	Pr >  t	0.0002	
Sign	м	7.5	Pr >=  M	<.0001	
Signed Rank	s	60	Pr >=  S	<.0001	

Tests for Normality						
Test	Statistic		Statistic p V		p Val	ue
Shapiro-Wilk	w	0.762386	Pr < W	0.0013		
Kolmogorov-Smirnov	D	0.267059	Pr > D	<0.0100		
Cramer-von Mises	W-Sq	0.215692	Pr > W-Sq	<0.0050		
Anderson-Darling	A-Sq	1.265665	Pr > A-Sq	<0.0050		

Quantiles (Definition 5)				
Level Quant				
100% Max	2000000			
99%	2000000			
95%	2000000			
90%	1350000			
75% Q3	662500			

#### The UNIVARIATE Procedure Variable: PRICE (PRICE)

Quantiles (Definition 5)				
Level Quantile				
50% Median	510000			
25% Q1	291850			
10%	229500			
5%	221900			
1%	221900			
0% Min	221900			

	Extreme Observations						
Lowest				High	nest		
Value	FLOORS	BEDROOMS	Obs	Value	FLOORS	BEDROOMS	Obs
221900	1	3	16	662000	1	3	30
229500	1	3	18	662500	1	3	22
230000	1	3	20	790000	1	3	28
291850	1	3	17	1350000	1	3	27
356000	1	3	24	2000000	1	3	26

### The UNIVARIATE Procedure Variable: PRICE (PRICE)

	Moments					
N	15	Sum Weights	15			
Mean	649233.333	Sum Observations	9738500			
Std Deviation	518722.258	Variance	2.69073E11			
Skewness	3.04952501	Kurtosis	10.6069152			
Uncorrected SS	1.00896E13	Corrected SS	3.76702E12			
Coeff Variation	79.8976626	Std Error Mean	133933.511			

Basic Statistical Measures				
Location Variability				
Mean	649233.3	Std Deviation	518722	
Median	578000.0	Variance	2.69073E11	
Mode		Range	2160000	
		Interquartile Range	369000	

Tests for Location: Mu0=0					
Test	Sta	atistic	p Va	ue	
Student's t	t	4.84743	Pr >  t	0.0003	
Sign	м	7.5	Pr >=  M	<.0001	
Signed Rank	s	60	Pr >=  S	<.0001	

Tests for Normality				
Test	Statistic p Value			ue
Shapiro-Wilk	w	0.630384	Pr < W	<0.0001
Kolmogorov-Smirnov	D	0.289858	Pr > D	<0.0100
Cramer-von Mises	W-Sq	0.310816	Pr > W-Sq	<0.0050
Anderson-Darling	A-Sq	1.86468	Pr > A-Sq	<0.0050

Quantiles (Definition 5)				
Level Quanti				
100% Max	2400000			
99%	2400000			
95%	2400000			
90%	840000			
75% Q3	749000			

#### The UNIVARIATE Procedure Variable: PRICE (PRICE)

Quantiles (Definition 5)				
Level Quantile				
50% Median	578000			
25% Q1	380000			
10%	260000			
5%	240000			
1%	240000			
0% Min	240000			

Extreme Observations							
Lowest					High	nest	
Value	FLOORS	BEDROOMS	Obs	Value FLOORS BEDROOMS O			
240000	1	4	34	660500	1	4	38
260000	1	4	37	749000	1	4	44
322500	1	4	33	775000	1	4	36
380000	1	4	35	840000	1	4	41
385000	1	4	32	2400000	1	4	43

### The UNIVARIATE Procedure Variable: PRICE (PRICE)

Moments						
N	15	Sum Weights	15			
Mean	757808.267	Sum Observations	11367124			
Std Deviation	316491.768	Variance	1.00167E11			
Skewness	0.79136993	Kurtosis	-0.6384903			
Uncorrected SS	1.00164E13	Corrected SS	1.40234E12			
Coeff Variation	41.7640954	Std Error Mean	81717.823			

Basic Statistical Measures					
Location Variability					
Mean	757808.3	Std Deviation	316492		
Median	672324.0	Variance	1.00167E11		
Mode		Range	970100		
		Interquartile Range	632500		

Tests for Location: Mu0=0						
Test	Statistic p Value					
Student's t	t 9.273476		Pr >  t	<.0001		
Sign	M 7.5		Pr >=  M	<.0001		
Signed Rank	s	60	Pr >=  S	<.0001		

Tests for Normality						
Test Statistic p Value						
Shapiro-Wilk	w	0.889933	Pr < W	0.0669		
Kolmogorov-Smirnov	D	0.201674	Pr > D	0.0972		
Cramer-von Mises	W-Sq	0.11163	Pr > W-Sq	0.0742		
Anderson-Darling	A-Sq	0.652408	Pr > A-Sq	0.0750		

Quantiles (Definition 5)				
Level	Quantile			
100% Max	1370000			
99%	1370000			
95%	1370000			
90%	1260000			
75% Q3	1087500			

### The UNIVARIATE Procedure Variable: PRICE (PRICE)

Quantiles (Definition 5)				
Level Quantile				
50% Median	672324			
25% Q1	455000			
10%	439900			
5%	399900			
1%	399900			
0% Min	399900			

Extreme Observations							
Lowest				Highest			
Value	FLOORS	BEDROOMS	Obs	Value FLOORS BEDROOMS O			
399900	1.5	2	60	850000	1.5	2	58
439900	1.5	2	51	1087500	1.5	2	56
450000	1.5	2	50	1150000	1.5	2	59
455000	1.5	2	46	1260000	1.5	2	53
575000	1.5	2	54	1370000	1.5	2	57

### The UNIVARIATE Procedure Variable: PRICE (PRICE)

Moments					
N	15	Sum Weights	15		
Mean	645323.667	Sum Observations	9679855		
Std Deviation	266439.03	Variance	7.09898E10		
Skewness	1.08493167	Kurtosis	2.13982864		
Uncorrected SS	7.2405E12	Corrected SS	9.93857E11		
Coeff Variation	41.2876582	Std Error Mean	68794.2617		

Basic Statistical Measures					
Location Variability					
Mean	645323.7	Std Deviation	266439		
Median	610000.0	Variance	7.09898E10		
Mode		Range	1028750		
		Interquartile Range	324000		

Tests for Location: Mu0=0						
Test	Statistic p Value					
Student's t	t 9.380487		Pr >  t	<.0001		
Sign	M 7.5		Pr >=  M	<.0001		
Signed Rank	s	60	Pr >=  S	<.0001		

Tests for Normality						
	rests to	r Normality				
Test	Statistic p Value					
Shapiro-Wilk	w	0.914476	Pr < W	0.1586		
Kolmogorov-Smirnov	D	0.125972	Pr > D	>0.1500		
Cramer-von Mises	W-Sq	0.041762	Pr > W-Sq	>0.2500		
Anderson-Darling	A-Sq	0.374652	Pr > A-Sq	>0.2500		

Quantiles (Definition 5)			
Level	Quantile		
100% Max	1338750		
99%	1338750		
95%	1338750		
90%	876650		
75% Q3	784000		

### The UNIVARIATE Procedure Variable: PRICE (PRICE)

Quantiles (Definition 5)				
Level	Quantile			
50% Median	610000			
25% Q1	460000			
10%	317625			
5%	310000			
1%	310000			
0% Min	310000			

Extreme Observations							
Lowest					High	nest	
Value	FLOORS	BEDROOMS	Obs	Value	FLOORS	BEDROOMS	Obs
310000	1.5	3	61	780000	1.5	3	69
317625	1.5	3	62	784000	1.5	3	72
339000	1.5	3	75	850830	1.5	3	71
460000	1.5	3	64	876650	1.5	3	73
535000	1.5	3	67	1338750	1.5	3	74

#### The UNIVARIATE Procedure Variable: PRICE (PRICE)

Moments					
N	15	Sum Weights	15		
Mean	836433.333	Sum Observations	12546500		
Std Deviation	307689.365	Variance	9.46727E10		
Skewness	0.65828514	Kurtosis	-0.5054825		
Uncorrected SS	1.18197E13	Corrected SS	1.32542E12		
Coeff Variation	36.7858803	Std Error Mean	79445.0524		

Basic Statistical Measures						
Location Variability						
Mean	836433.3	Std Deviation	307689			
Median	780000.0	Variance	9.46727E10			
Mode		Range	1005000			
		Interquartile Range	439000			

Tests for Location: Mu0=0						
Test	Statistic p Value					
Student's t	t	10.52845	Pr >  t	<.0001		
Sign	M 7.5		Pr >=  M	<.0001		
Signed Rank	s	60	Pr >=  S	<.0001		

	Tests for Normality					
Test	Statistic p Value					
Shapiro-Wilk	w	0.936105	Pr < W	0.3359		
Kolmogorov-Smirnov	D	0.123231	Pr > D	>0.1500		
Cramer-von Mises	W-Sq	0.050879	Pr > W-Sq	>0.2500		
Anderson-Darling	A-Sq	0.34996	Pr > A-Sq	>0.2500		

Quantiles (Definition 5)				
Level	Quantile			
100% Max	1450000			
99%	1450000			
95%	1450000			
90%	1280000			
75% Q3	1010000			

### The UNIVARIATE Procedure Variable: PRICE (PRICE)

Quantiles (Definition 5)			
Level	Quantile		
50% Median	780000		
25% Q1	571000		
10%	485000		
5%	445000		
1%	445000		
0% Min	445000		

Extreme Observations							
Lowest				Highest			
Value	FLOORS	BEDROOMS	Obs	Value	FLOORS	BEDROOMS	Obs
445000	1.5	4	80	1000000	1.5	4	83
485000	1.5	4	76	1010000	1.5	4	84
535000	1.5	4	79	1249000	1.5	4	88
571000	1.5	4	78	1280000	1.5	4	90
610000	1.5	4	87	1450000	1.5	4	81

#### The UNIVARIATE Procedure Variable: PRICE (PRICE)

Moments						
N	15	Sum Weights	15			
Mean	467125.2	Sum Observations	7006878			
Std Deviation	228553.76	Variance	5.22368E10			
Skewness	1.10993971	Kurtosis	0.91260009			
Uncorrected SS	4.0044E12	Corrected SS	7.31315E11			
Coeff Variation	48.9277308	Std Error Mean	59012.3271			

Basic Statistical Measures						
Loc	Location Variability					
Mean	467125.2	Std Deviation	228554			
Median	419000.0	Variance	5.22368E10			
Mode		Range	781500			
		Interquartile Range	196000			

Tests for Location: Mu0=0							
Test	Statistic p Value						
Student's t	t	7.915722	Pr >  t	<.0001			
Sign	М	7.5	Pr >=  M	<.0001			
Signed Rank	s	60	Pr >=  S	<.0001			

Tests for Normality						
Test	Statistic p Value					
Shapiro-Wilk	w	0.88524	Pr < W	0.0568		
Kolmogorov-Smirnov	D	0.193472	Pr > D	0.1331		
Cramer-von Mises	W-Sq	0.107051	Pr > W-Sq	0.0850		
Anderson-Darling	A-Sq	0.683848	Pr > A-Sq	0.0612		

Quantiles (Definition 5)				
Level	Quantile			
100% Max	945000			
99%	945000			
95%	945000			
90%	935000			
75% Q3	531000			

### The UNIVARIATE Procedure Variable: PRICE (PRICE)

Quantiles (Definition 5)				
Level Quantile				
50% Median	419000			
25% Q1	335000			
10%	215000			
5%	163500			
1%	163500			
0% Min	163500			

Extreme Observations							
Lowest			Highest				
Value	FLOORS	BEDROOMS	Obs	Value FLOORS BEDROOMS Ob			
163500	2	2	94	490000	2	2	96
215000	2	2	91	531000	2	2	98
259950	2	2	101	655000	2	2	95
335000	2	2	92	935000	2	2	102
359000	2	2	100	945000	2	2	104

#### The UNIVARIATE Procedure Variable: PRICE (PRICE)

Moments						
N	15	Sum Weights	15			
Mean	527166.667	Sum Observations	7907500			
Std Deviation	218001.693	Variance	4.75247E10			
Skewness	0.84728636	Kurtosis	-0.2196709			
Uncorrected SS	4.83392E12	Corrected SS	6.65346E11			
Coeff Variation	41.3534669	Std Error Mean	56287.7951			

Basic Statistical Measures						
Location Variability						
Mean	527166.7	Std Deviation	218002			
Median	465000.0	Variance	4.75247E10			
Mode		Range	682500			
		Interquartile Range	356000			

Tests for Location: Mu0=0							
Test	Statistic p Value						
Student's t	t	9.365559	Pr >  t	<.0001			
Sign	м	7.5	Pr >=  M	<.0001			
Signed Rank	s	60	Pr >=  S	<.0001			

Tests for Normality							
Test	Statistic p Value						
Shapiro-Wilk	w	0.903346	Pr < W	0.1071			
Kolmogorov-Smirnov	D	0.171291	Pr > D	>0.1500			
Cramer-von Mises	W-Sq	0.081841	Pr > W-Sq	0.1878			
Anderson-Darling	A-Sq	0.532438	Pr > A-Sq	0.1476			

Quantiles (Definition 5)				
Quantile				
940000				
940000				
940000				
937000				
685000				

### The UNIVARIATE Procedure Variable: PRICE (PRICE)

Quantiles (Definition 5)				
Level Quantile				
50% Median	465000			
25% Q1	329000			
10%	301000			
5%	257500			
1%	257500			
0% Min	257500			

Extreme Observations								
Lowest					Hig	hest		
Value	FLOORS	BEDROOMS	Obs	Value FLOORS BEDROOMS Of				
257500	2	3	107	580500	2	3	113	
301000	2	3	115	685000	2	3	110	
323000	2	3	108	770000	2	3	119	
329000	2	3	111	937000	2	3	112	
395000	2	3	109	940000	2	3	116	

#### The UNIVARIATE Procedure Variable: PRICE (PRICE)

#### FLOORS=2 BEDROOMS=4

Moments					
N	15	Sum Weights	15		
Mean	519466.667	Sum Observations	7792000		
Std Deviation	197139.224	Variance	3.88639E10		
Skewness	0.28407412	Kurtosis	-1.0127923		
Uncorrected SS	4.59178E12	Corrected SS	5.44094E11		
Coeff Variation	37.9503127	Std Error Mean	50901.1289		

Basic Statistical Measures					
Location		Variability			
Mean	519466.7	Std Deviation	197139		
Median	480000.0	Variance	3.88639E10		
Mode	360000.0	Range	641500		
		Interquartile Range	290000		

Note: The mode displayed is the smallest of 2 modes with a count of 2.

Tests for Location: Mu0=0					
Test	St	atistic	p Value		
Student's t	t 10.20541		Pr >  t	<.0001	
Sign	М	7.5	Pr >=  M	<.0001	
Signed Rank	s	60	Pr >=  S	<.0001	

Tests for Normality					
Test	St	atistic	p Value		
Shapiro-Wilk	w	0.948956	Pr < W	0.5082	
Kolmogorov-Smirnov	D	0.141689	Pr > D	>0.1500	
Cramer-von Mises	W-Sq	0.05524	Pr > W-Sq	>0.2500	
Anderson-Darling	A-Sq	0.321549	Pr > A-Sq	>0.2500	

Quantiles (Definition 5)			
Level Quantil			
100% Max	885000		
99%	885000		
95%	885000		
90%	785000		
75% Q3	650000		

### The UNIVARIATE Procedure Variable: PRICE (PRICE)

Quantiles (Definition 5)			
Level	Quantile		
50% Median	480000		
25% Q1	360000		
10%	287000		
5%	243500		
1%	243500		
0% Min	243500		

Extreme Observations							
Lowest			Highest				
Value	FLOORS	BEDROOMS	Obs	Value	FLOORS	BEDROOMS	Obs
243500	2	4	124	640000	2	4	127
287000	2	4	122	650000	2	4	131
292500	2	4	121	719000	2	4	126
360000	2	4	130	785000	2	4	133
360000	2	4	123	885000	2	4	134