

| 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 |
| 38 | 7 | 2 | 3 | 1890 | 323000 |

| Obs | GRADE | FLOORS | BEDROOMS | SQFT_LIVING | PRICE |
|-----|-------|--------|----------|-------------|---------|
| 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 |
| 75 | 8 | 1.5 | 4 | 2440 | 780000 |
| 76 | 8 | 2 | 2 | 1230 | 490000 |

| Obs | GRADE | FLOORS | BEDROOMS | SQFT_LIVING | PRICE |
|-----|-------|--------|----------|-------------|---------|
| 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 |
| 112 | 9 | 1.5 | 3 | 3950 | 784000 |
| 113 | 9 | 1.5 | 3 | 2170 | 876650 |
| 114 | 9 | 1.5 | 3 | 2730 | 1338750 |

| Obs | GRADE | FLOORS | BEDROOMS | SQFT_LIVING | PRICE |
|-----|-------|--------|----------|-------------|---------|
| 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 |

The GLM Procedure

| Class Level Information | | |
|-------------------------|--------|---------|
| Class | Levels | Values |
| FLOORS | 3 | 1 2 1.5 |
| BEDROOMS | 3 | 2 3 4 |

| | |
|-----------------------------|-----|
| 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 | 8 | 1.8006657E12 | 225083210014 | 2.11 | 0.0398 |
| Error | 126 | 1.3464668E13 | 106862442821 | | |
| Corrected Total | 134 | 1.5265333E13 | | | |

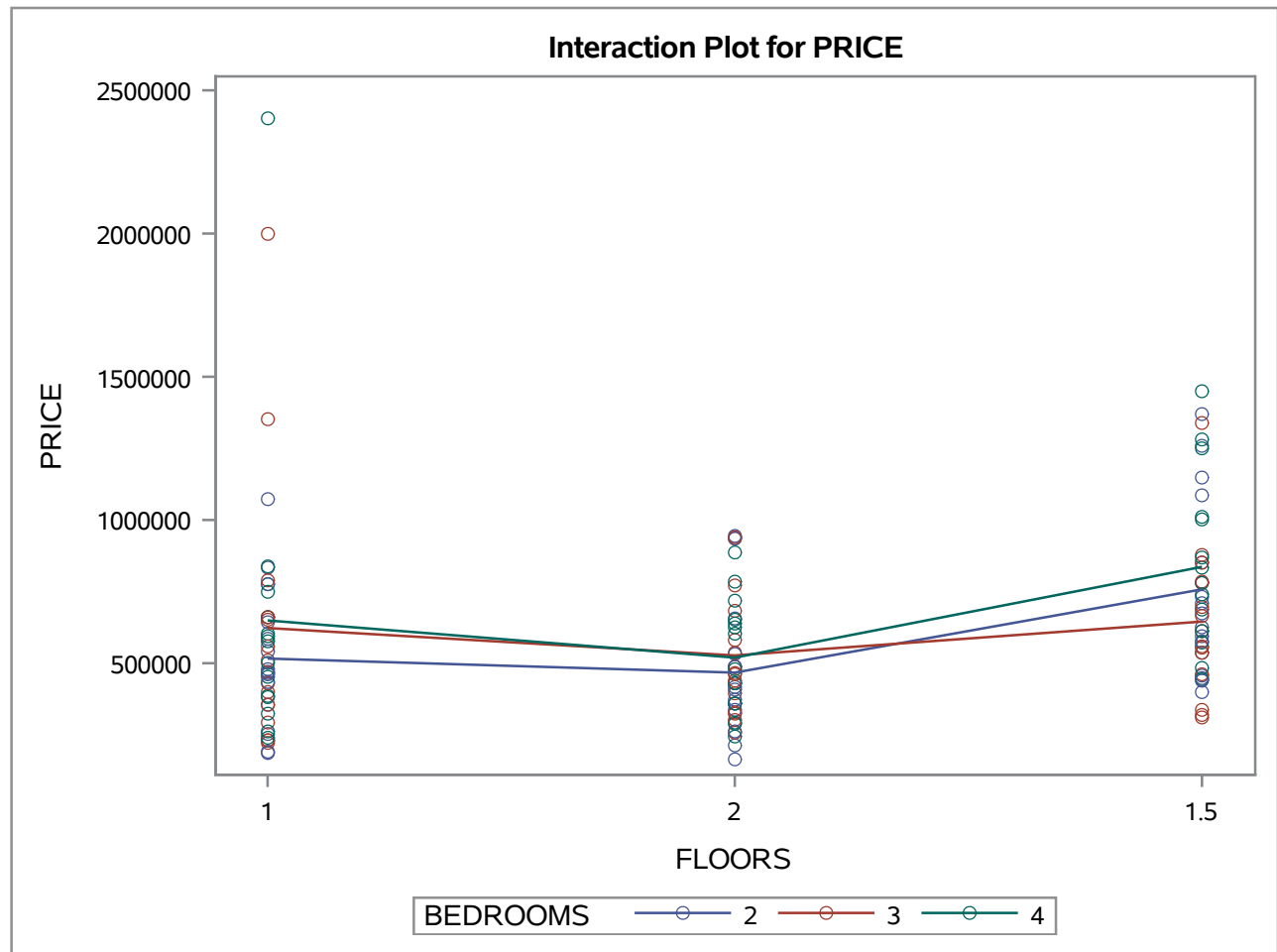
| R-Square | Coeff Var | Root MSE | PRICE Mean |
|----------|-----------|----------|------------|
| 0.117958 | 53.09017 | 326898.2 | 615741.5 |

| Source | DF | Type I SS | Mean Square | F Value | Pr > F |
|-----------------|----|--------------|--------------|---------|--------|
| FLOORS | 2 | 1.3429852E12 | 671492587159 | 6.28 | 0.0025 |
| BEDROOMS | 2 | 194374183732 | 97187091866 | 0.91 | 0.4054 |
| FLOORS*BEDROOMS | 4 | 263306322057 | 65826580514 | 0.62 | 0.6519 |

| Source | DF | Type III SS | Mean Square | F Value | Pr > F |
|-----------------|----|--------------|--------------|---------|--------|
| FLOORS | 2 | 1.3429852E12 | 671492587159 | 6.28 | 0.0025 |
| BEDROOMS | 2 | 194374183732 | 97187091866 | 0.91 | 0.4054 |
| FLOORS*BEDROOMS | 4 | 263306322057 | 65826580514 | 0.62 | 0.6519 |

The GLM Procedure

Dependent Variable: PRICE PRICE



The GLM Procedure

| Class Level Information | | |
|-------------------------|--------|---------|
| Class | Levels | Values |
| FLOORS | 3 | 1 2 1.5 |
| BEDROOMS | 3 | 2 3 4 |

| | |
|-----------------------------|-----|
| Number of Observations Read | 135 |
| Number of Observations Used | 135 |

The GLM Procedure

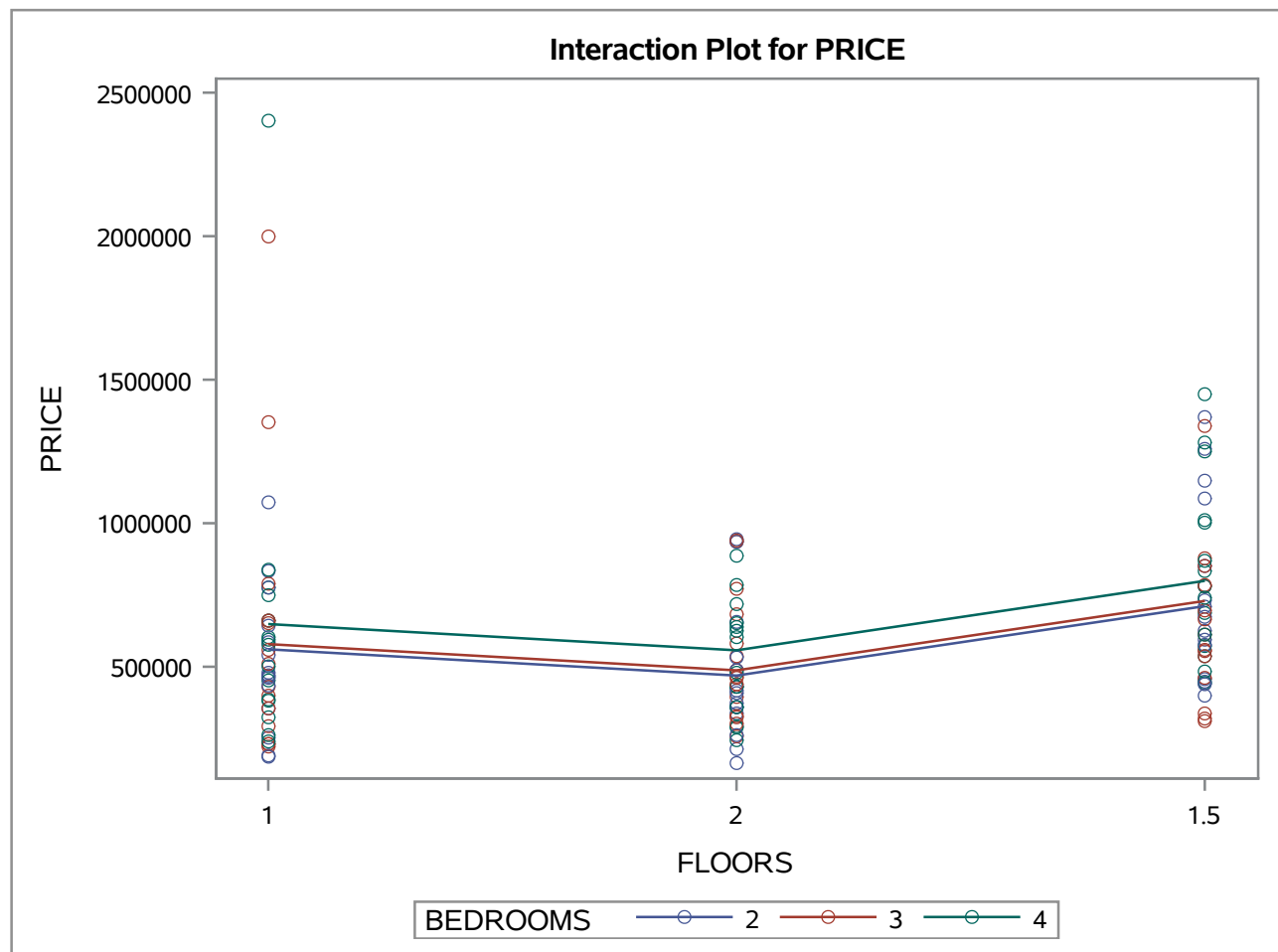
Dependent Variable: PRICE PRICE

| Source | DF | Sum of Squares | Mean Square | F Value | Pr > F |
|-----------------|-----|----------------|--------------|---------|--------|
| Model | 4 | 1.5373594E12 | 384339839513 | 3.64 | 0.0076 |
| Error | 130 | 1.3727974E13 | 105599800904 | | |
| Corrected Total | 134 | 1.5265333E13 | | | |

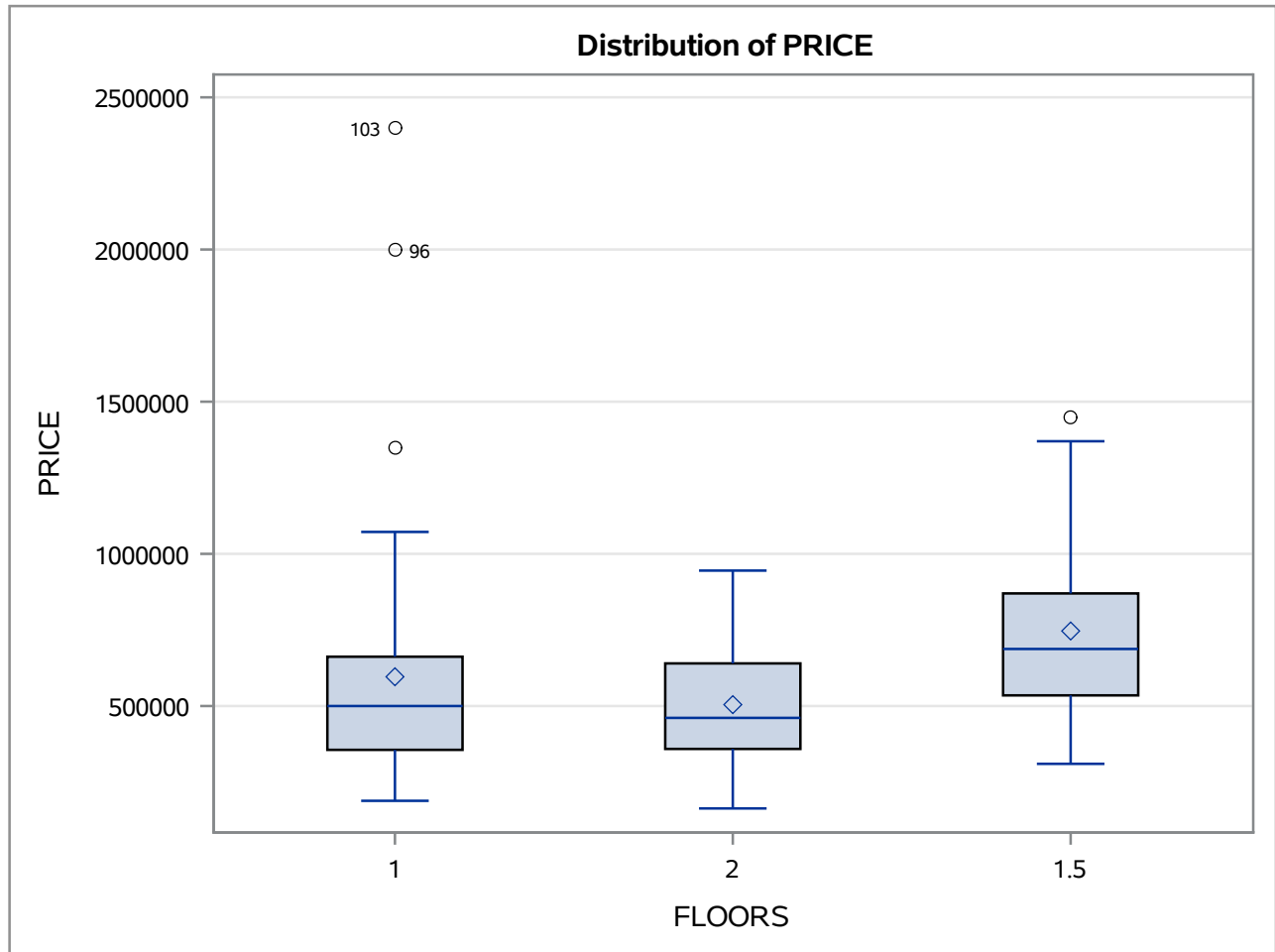
| R-Square | Coeff Var | Root MSE | PRICE Mean |
|----------|-----------|----------|------------|
| 0.100709 | 52.77559 | 324961.2 | 615741.5 |

| Source | DF | Type I SS | Mean Square | F Value | Pr > F |
|----------|----|--------------|--------------|---------|--------|
| FLOORS | 2 | 1.3429852E12 | 671492587159 | 6.36 | 0.0023 |
| BEDROOMS | 2 | 194374183732 | 97187091866 | 0.92 | 0.4010 |

| Source | DF | Type III SS | Mean Square | F Value | Pr > F |
|----------|----|--------------|--------------|---------|--------|
| FLOORS | 2 | 1.3429852E12 | 671492587159 | 6.36 | 0.0023 |
| BEDROOMS | 2 | 194374183732 | 97187091866 | 0.92 | 0.4010 |



The GLM Procedure



The GLM Procedure

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

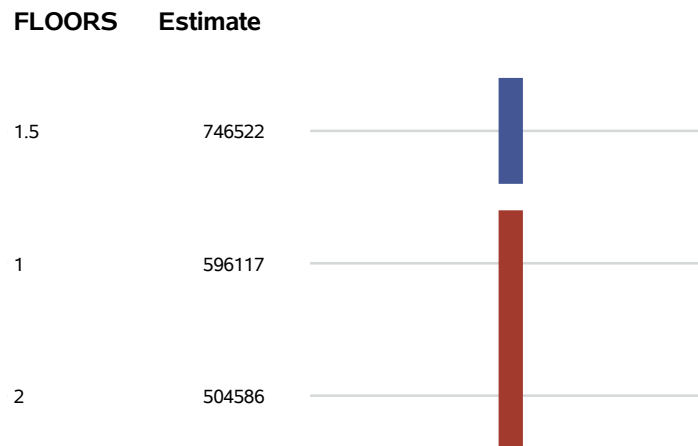
Note: This test controls the Type I experimentwise error rate.

| | | |
|--------------------------|----------|--|
| Alpha | 0.05 | |
| Error Degrees of Freedom | 130 | |
| Error Mean Square | 1.056E11 | |

| | | |
|-----------------|-----------|----------|
| Number of Means | 2 | 3 |
| Critical Range | 135534.58 | 162422.6 |

PRICE REGWQ Grouping for Means of FLOORS (Alpha = 0.05)

Means covered by the same bar are not significantly different.

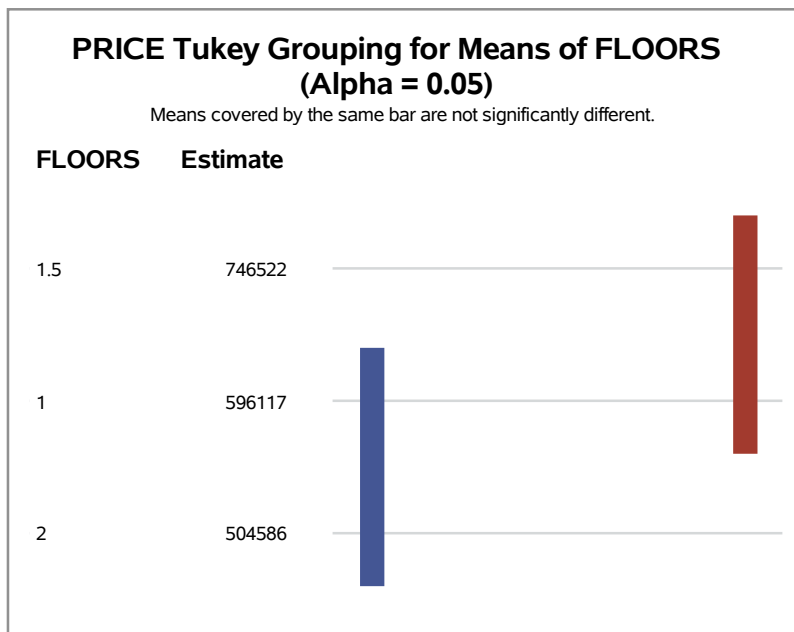


The GLM Procedure

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 | 130 |
| Error Mean Square | 1.056E11 |
| Critical Value of Studentized Range | 3.35290 |
| Minimum Significant Difference | 162423 |

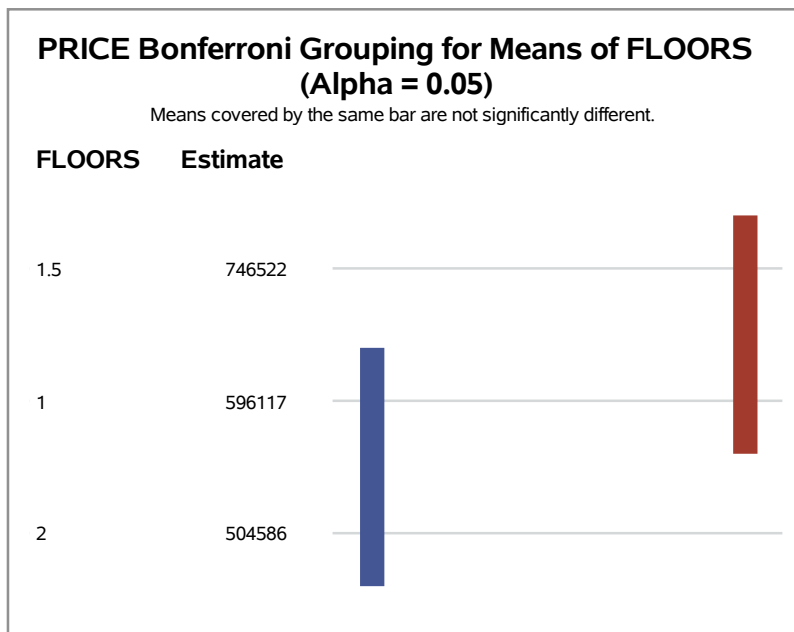


The GLM Procedure

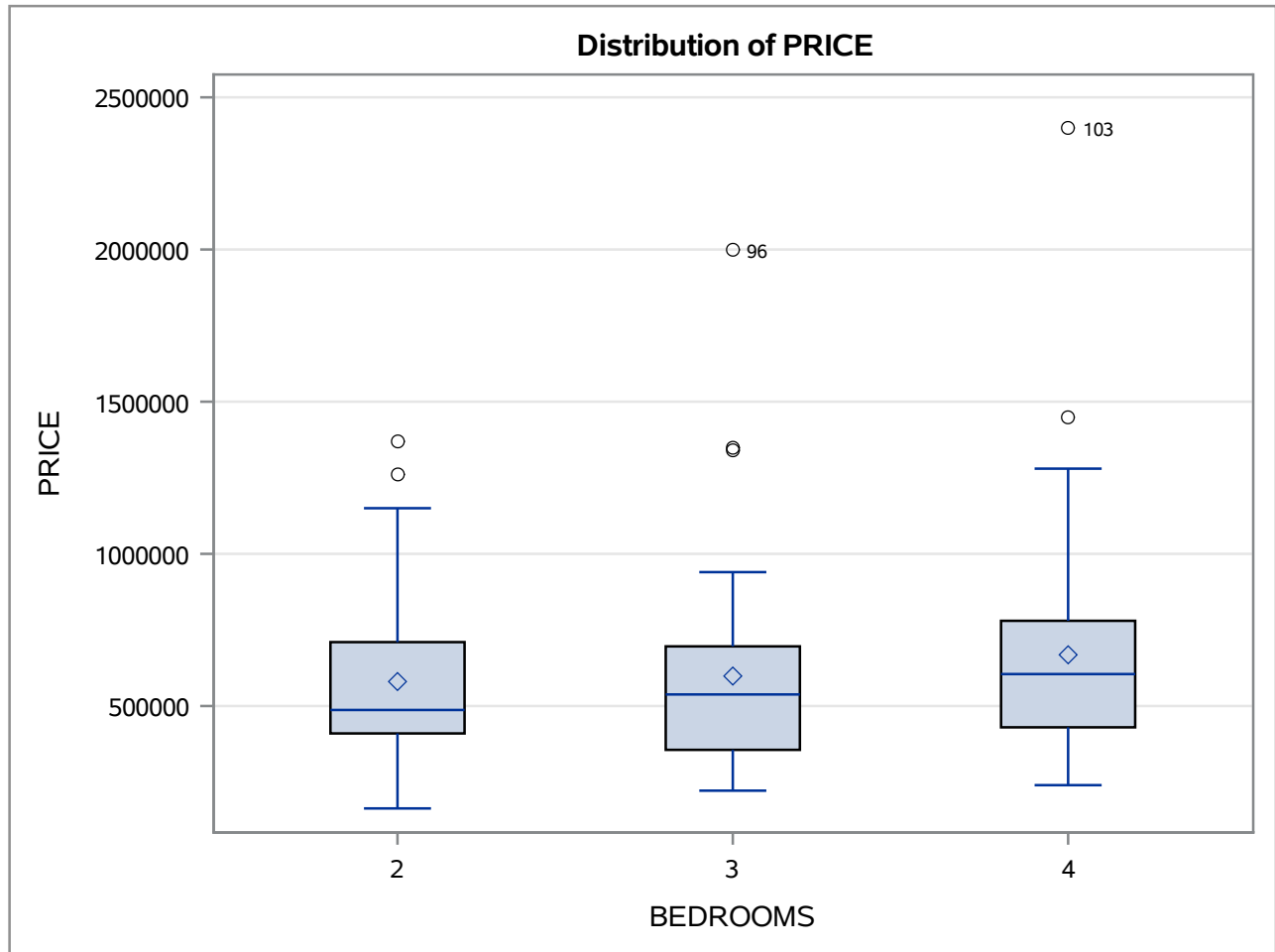
Bonferroni (Dunn) t Tests for PRICE

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 | 130 |
| Error Mean Square | 1.056E11 |
| Critical Value of t | 2.42535 |
| Minimum Significant Difference | 166156 |



The GLM Procedure



The GLM Procedure

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

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

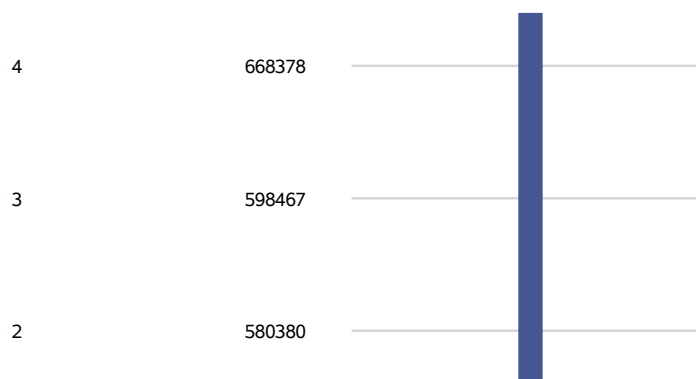
| | |
|--------------------------|----------|
| Alpha | 0.05 |
| Error Degrees of Freedom | 130 |
| Error Mean Square | 1.056E11 |

| | | |
|-----------------|-----------|----------|
| Number of Means | 2 | 3 |
| Critical Range | 135534.58 | 162422.6 |

**PRICE REGWQ Grouping for Means of
BEDROOMS (Alpha = 0.05)**

Means covered by the same bar are not significantly different.

BEDROOMS Estimate

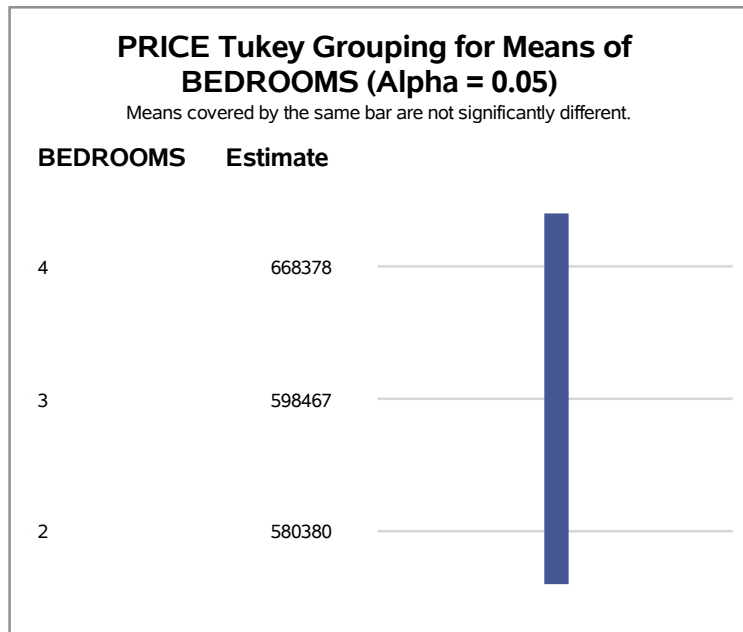


The GLM Procedure

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 | 130 |
| Error Mean Square | 1.056E11 |
| Critical Value of Studentized Range | 3.35290 |
| Minimum Significant Difference | 162423 |

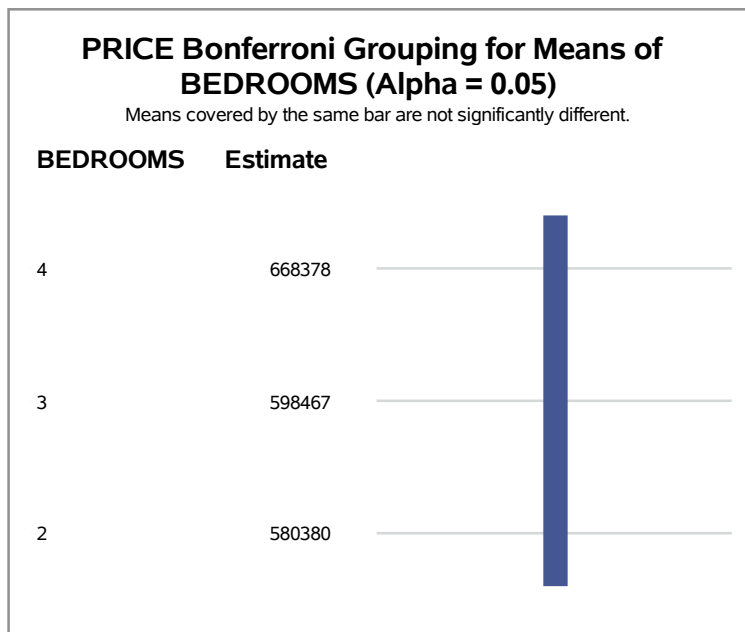


The GLM Procedure

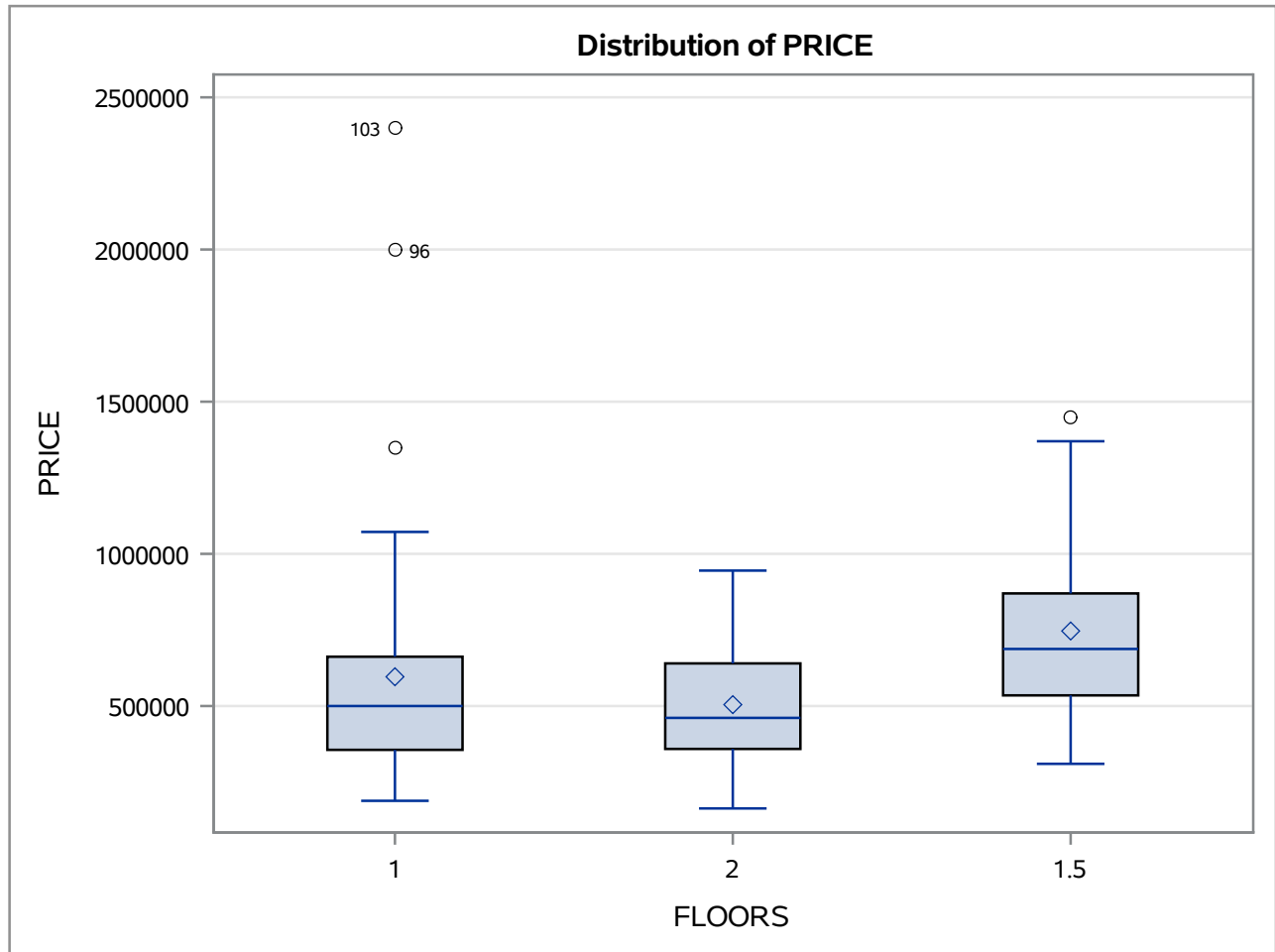
Bonferroni (Dunn) t Tests for PRICE

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 | 130 |
| Error Mean Square | 1.056E11 |
| Critical Value of t | 2.42535 |
| Minimum Significant Difference | 166156 |

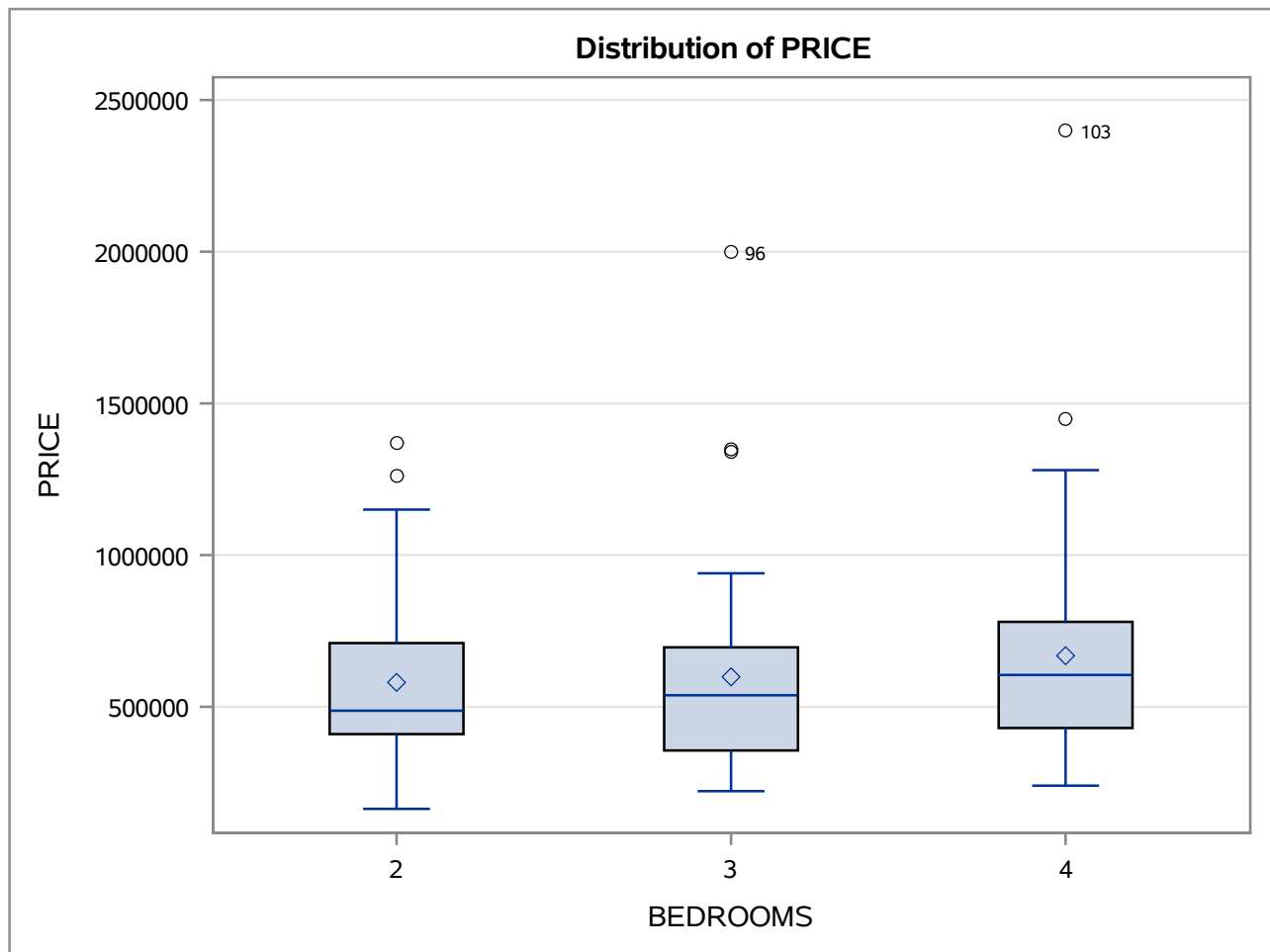


The GLM Procedure



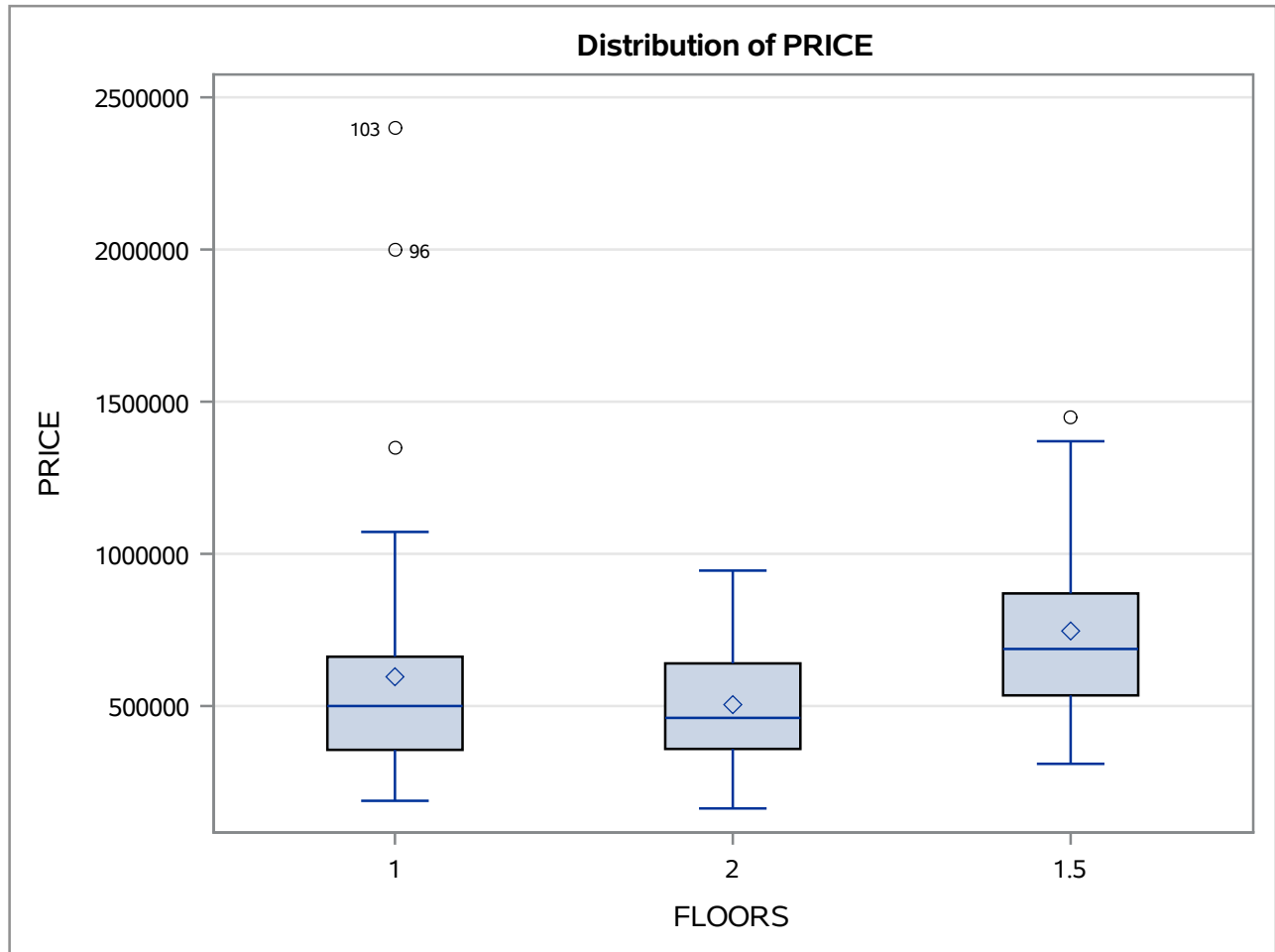
| Level of FLOORS | N | PRICE | |
|-----------------|----|------------|------------|
| | | Mean | Std Dev |
| 1 | 45 | 596116.667 | 425098.150 |
| 2 | 45 | 504586.178 | 211744.676 |
| 1.5 | 45 | 746521.756 | 301451.094 |

The GLM Procedure



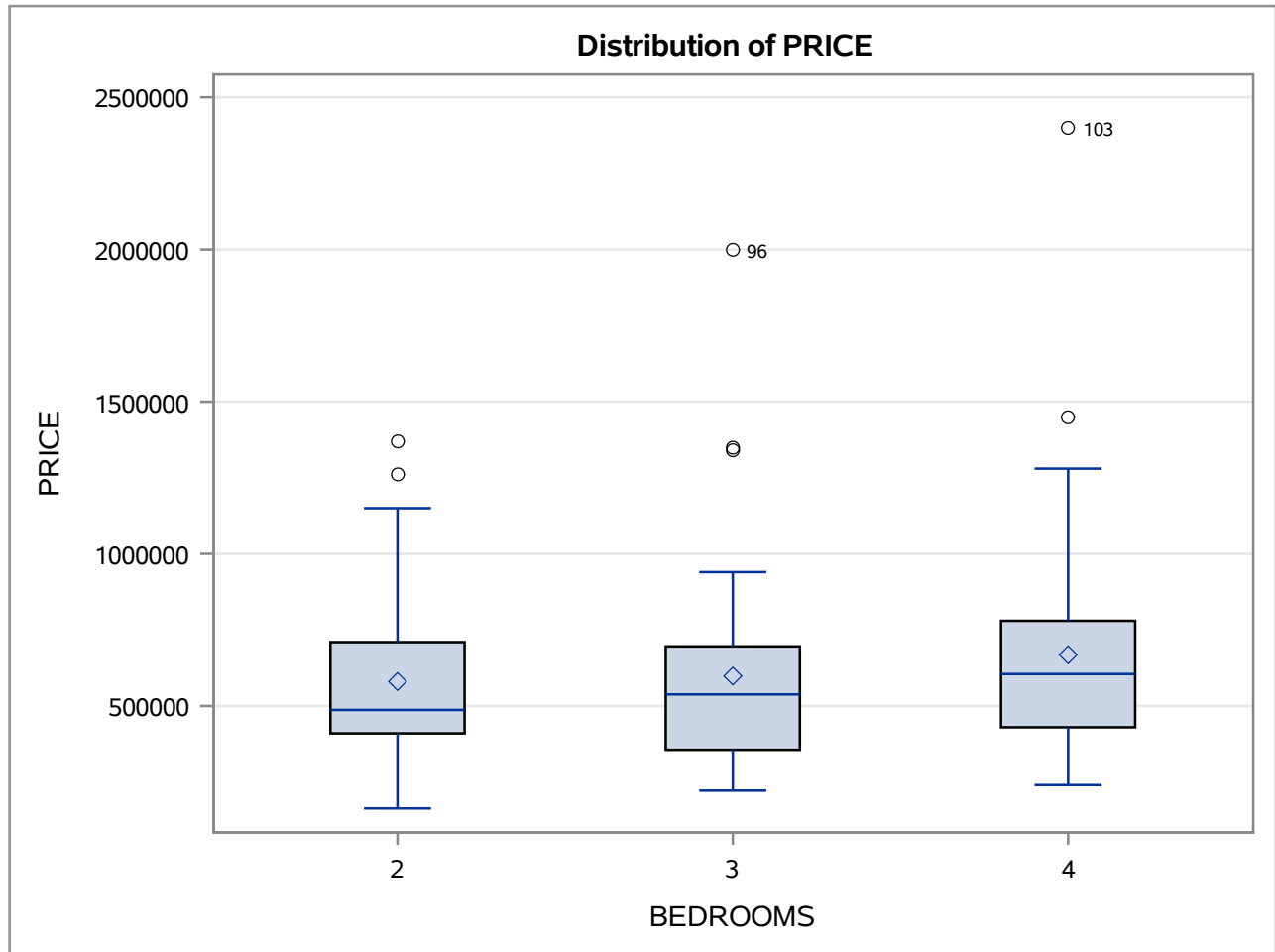
| Level of BEDROOMS | N | PRICE | |
|----------------------|----|------------|------------|
| | | Mean | Std Dev |
| 2 | 45 | 580380.044 | 289360.996 |
| 3 | 45 | 598466.778 | 336714.123 |
| 4 | 45 | 668377.778 | 381333.995 |

The GLM Procedure



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

The GLM Procedure



| Level of BEDROOMS | N | PRICE | |
|----------------------|----|------------|------------|
| | | 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)

FLOORS=1 BEDROOMS=2

| 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 | M | 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 |
| 50% Median | 468000 |

The UNIVARIATE Procedure
Variable: PRICE (PRICE)

FLOORS=1 BEDROOMS=2

| Quantiles (Definition 5) | |
|--------------------------|----------|
| Level | Quantile |
| 25% Q1 | 355000 |
| 10% | 189000 |
| 5% | 188500 |
| 1% | 188500 |
| 0% Min | 188500 |

| Extreme Observations | | | | | | | |
|----------------------|--------|----------|-----|---------|--------|----------|-----|
| Lowest | | | | Highest | | | |
| 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)

FLOORS=1 BEDROOMS=3

| 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 | Statistic | | p Value | |
| Student's t | t | 5.037334 | Pr > t | 0.0002 |
| Sign | M | 7.5 | Pr >= M | <.0001 |
| Signed Rank | S | 60 | Pr >= S | <.0001 |

| Tests for Normality | | | | |
|---------------------------|-----------|----------|---------------------|---------|
| Test | Statistic | | p Value | |
| Shapiro-Wilk | W | 0.762386 | 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 | Quantile |
| 100% Max | 2000000 |
| 99% | 2000000 |
| 95% | 2000000 |
| 90% | 1350000 |
| 75% Q3 | 662500 |
| 50% Median | 510000 |

The UNIVARIATE Procedure
Variable: PRICE (PRICE)

FLOORS=1 BEDROOMS=3

| Quantiles (Definition 5) | |
|--------------------------|----------|
| Level | Quantile |
| 25% Q1 | 291850 |
| 10% | 229500 |
| 5% | 221900 |
| 1% | 221900 |
| 0% Min | 221900 |

| Extreme Observations | | | | | | | |
|----------------------|--------|----------|-----|---------|--------|----------|-----|
| Lowest | | | | Highest | | | |
| 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)

FLOORS=1 BEDROOMS=4

| 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 | Statistic | | p Value | |
| Student's t | t | 4.84743 | Pr > t | 0.0003 |
| Sign | M | 7.5 | Pr >= M | <.0001 |
| Signed Rank | S | 60 | Pr >= S | <.0001 |

| Tests for Normality | | | | |
|---------------------------|-------------|----------|---------------------|---------|
| Test | Statistic | | p Value | |
| Shapiro-Wilk | W | 0.630384 | 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 | Quantile |
| 100% Max | 2400000 |
| 99% | 2400000 |
| 95% | 2400000 |
| 90% | 840000 |
| 75% Q3 | 749000 |
| 50% Median | 578000 |

The UNIVARIATE Procedure
Variable: PRICE (PRICE)

FLOORS=1 BEDROOMS=4

| Quantiles (Definition 5) | |
|--------------------------|----------|
| Level | Quantile |
| 25% Q1 | 380000 |
| 10% | 260000 |
| 5% | 240000 |
| 1% | 240000 |
| 0% Min | 240000 |

| Extreme Observations | | | | | | | |
|----------------------|--------|----------|-----|---------|--------|----------|-----|
| Lowest | | | | Highest | | | |
| Value | FLOORS | BEDROOMS | Obs | Value | FLOORS | BEDROOMS | Obs |
| 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)

FLOORS=1.5 BEDROOMS=2

| 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 |
| 50% Median | 672324 |

The UNIVARIATE Procedure
Variable: PRICE (PRICE)

FLOORS=1.5 BEDROOMS=2

| Quantiles (Definition 5) | |
|--------------------------|----------|
| Level | Quantile |
| 25% Q1 | 455000 |
| 10% | 439900 |
| 5% | 399900 |
| 1% | 399900 |
| 0% Min | 399900 |

| Extreme Observations | | | | | | | |
|----------------------|--------|----------|-----|---------|--------|----------|-----|
| Lowest | | | | Highest | | | |
| Value | FLOORS | BEDROOMS | Obs | Value | FLOORS | BEDROOMS | Obs |
| 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)

FLOORS=1.5 BEDROOMS=3

| 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 | | | | |
|---------------------------|-----------|----------|---------------------|---------|
| 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 |
| 50% Median | 610000 |

The UNIVARIATE Procedure
Variable: PRICE (PRICE)

FLOORS=1.5 BEDROOMS=3

| Quantiles (Definition 5) | |
|--------------------------|----------|
| Level | Quantile |
| 25% Q1 | 460000 |
| 10% | 317625 |
| 5% | 310000 |
| 1% | 310000 |
| 0% Min | 310000 |

| Extreme Observations | | | | | | | |
|----------------------|--------|----------|-----|---------|--------|----------|-----|
| Lowest | | | | Highest | | | |
| 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)

FLOORS=1.5 BEDROOMS=4

| 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 |
| 50% Median | 780000 |

The UNIVARIATE Procedure
Variable: PRICE (PRICE)

FLOORS=1.5 BEDROOMS=4

| Quantiles (Definition 5) | |
|--------------------------|----------|
| Level | Quantile |
| 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)

FLOORS=2 BEDROOMS=2

| 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 | | | |
|----------------------------|----------|----------------------------|------------|
| 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 | M | 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 |
| 50% Median | 419000 |

The UNIVARIATE Procedure
Variable: PRICE (PRICE)

FLOORS=2 BEDROOMS=2

| Quantiles (Definition 5) | |
|--------------------------|----------|
| Level | Quantile |
| 25% Q1 | 335000 |
| 10% | 215000 |
| 5% | 163500 |
| 1% | 163500 |
| 0% Min | 163500 |

| Extreme Observations | | | | | | | |
|----------------------|--------|----------|-----|---------|--------|----------|-----|
| Lowest | | | | Highest | | | |
| Value | FLOORS | BEDROOMS | Obs | Value | FLOORS | BEDROOMS | Obs |
| 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)

FLOORS=2 BEDROOMS=3

| 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 | M | 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) | |
|--------------------------|----------|
| Level | Quantile |
| 100% Max | 940000 |
| 99% | 940000 |
| 95% | 940000 |
| 90% | 937000 |
| 75% Q3 | 685000 |
| 50% Median | 465000 |

The UNIVARIATE Procedure
Variable: PRICE (PRICE)

FLOORS=2 BEDROOMS=3

| Quantiles (Definition 5) | |
|--------------------------|----------|
| Level | Quantile |
| 25% Q1 | 329000 |
| 10% | 301000 |
| 5% | 257500 |
| 1% | 257500 |
| 0% Min | 257500 |

| Extreme Observations | | | | | | | |
|----------------------|--------|----------|-----|---------|--------|----------|-----|
| Lowest | | | | Highest | | | |
| Value | FLOORS | BEDROOMS | Obs | Value | FLOORS | BEDROOMS | Obs |
| 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 | Statistic | | p Value | |
| Student's t | t | 10.20541 | 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 | 0.948956 | 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 | Quantile |
| 100% Max | 885000 |
| 99% | 885000 |
| 95% | 885000 |
| 90% | 785000 |
| 75% Q3 | 650000 |

The UNIVARIATE Procedure
Variable: PRICE (PRICE)

FLOORS=2 BEDROOMS=4

| 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 |