The UNIVARIATE Procedure
Variable: Price

Moments			
N	1000	Sum Weights	1000
Mean	530263.672	Sum Observations	530263672
Std Deviation	372119.47	Variance	1.38473E11
Skewness	4.58051503	Kurtosis	41.5043542
Uncorrected SS	4.19514E14	Corrected SS	1.38334E14
Coeff Variation	70.1763084	Std Error Mean	11767.4509

Basic Statistical Measures			
Location		Variability	
Mean	530263.7	Std Deviation	372119
Median	439975.0	Variance	1.38473E11
Mode	325000.0	Range	5467500
		Interquartile Range	320000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	45.0619	Pr > |t|	<.0001
Sign	M	500	Pr >= |M|	<.0001
Signed Rank	S	250250	Pr >= |S|	<.0001

| Tests for Normality				
Test	Statistic		p Value	
Shapiro-Wilk	W	0.679963	Pr < W	<0.0001
Kolmogorov-Smirnov	D	0.153864	Pr > D	<0.0100
Cramer-von Mises	W-Sq	10.24256	Pr > W-Sq	<0.0050
Anderson-Darling	A-Sq	59.44978	Pr > A-Sq	<0.0050

Quantiles (Definition 5)	
Level	Quantile
100% Max	5570000
99%	2015000
95%	1110000
90%	875825
75% Q3	635000
50% Median	439975
25% Q1	315000

The UNIVARIATE Procedure
Variable: Price

Quantiles (Definition 5)	
Level	**Quantile**
10%	245000
5%	209500
1%	159400
0% Min	102500

Extreme Observations			
Lowest		**Highest**	
Value	**Obs**	**Value**	**Obs**
102500	272	2500000	848
110000	683	2900000	448
110700	790	2920000	158
119900	174	3100000	821
136500	879	5570000	175

The UNIVARIATE Procedure

Distribution and Probability Plot for Price
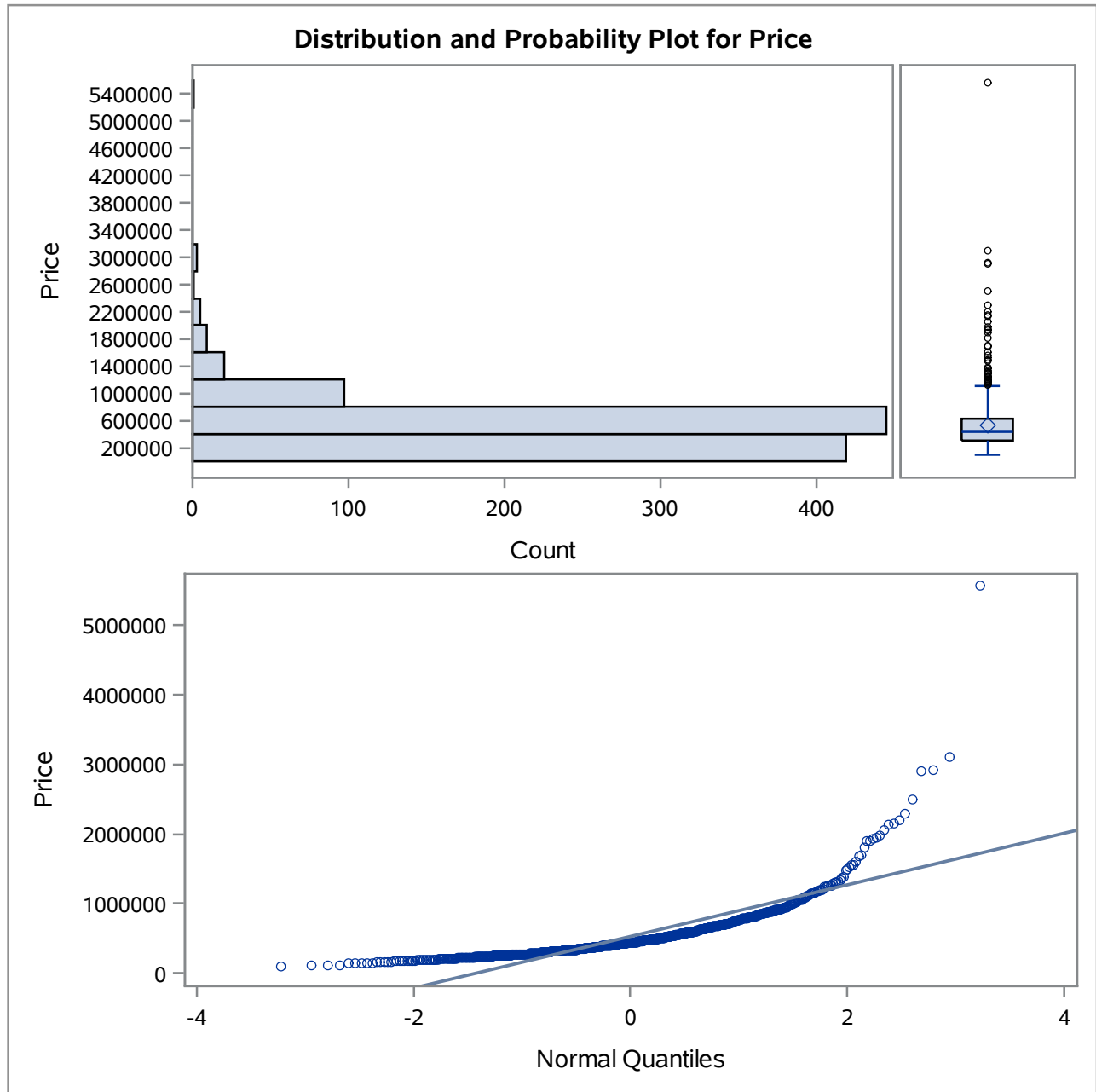
The UNIVARIATE Procedure
Variable: sqft_living

Moments			
N	1000	Sum Weights	1000
Mean	2091.064	Sum Observations	2091064
Std Deviation	941.750547	Variance	886894.092
Skewness	1.62397609	Kurtosis	5.94560324
Uncorrected SS	5258555850	Corrected SS	886007198
Coeff Variation	45.0369069	Std Error Mean	29.7807671

Basic Statistical Measures			
Location		Variability	
Mean	2091.064	Std Deviation	941.75055
Median	1920.000	Variance	886894
Mode	1660.000	Range	8780
		Interquartile Range	1174

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	70.21525	Pr > |t|	<.0001
Sign	M	500	Pr >= |M|	<.0001
Signed Rank	S	250250	Pr >= |S|	<.0001

| Tests for Normality				
Test	Statistic		p Value	
Shapiro-Wilk	W	0.903381	Pr < W	<0.0001
Kolmogorov-Smirnov	D	0.08275	Pr > D	<0.0100
Cramer-von Mises	W-Sq	2.383373	Pr > W-Sq	<0.0050
Anderson-Darling	A-Sq	15.29478	Pr > A-Sq	<0.0050

Quantiles (Definition 5)	
Level	Quantile
100% Max	9200
99%	4990
95%	3790
90%	3208
75% Q3	2584
50% Median	1920
25% Q1	1410

The UNIVARIATE Procedure
Variable: sqft_living

Quantiles (Definition 5)	
Level	**Quantile**
10%	1100
5%	925
1%	690
0% Min	420

Extreme Observations			
Lowest		**Highest**	
Value	**Obs**	**Value**	**Obs**
420	583	5930	988
440	820	6510	38
520	154	7350	966
620	794	7620	908
660	308	9200	175

The UNIVARIATE Procedure

Distribution and Probability Plot for sqft_living
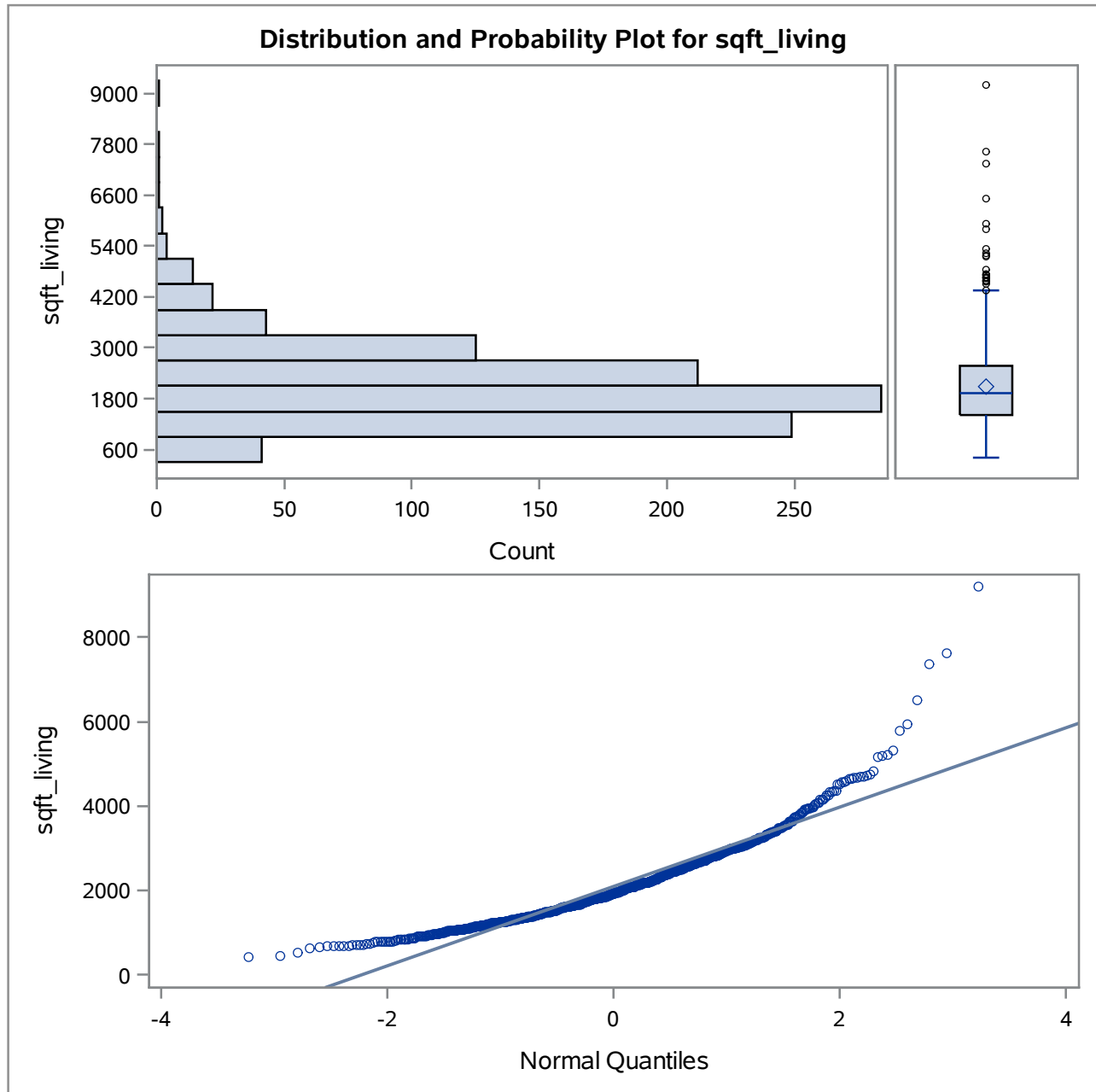
The UNIVARIATE Procedure
Variable: sqft_lot

Moments			
N	1000	Sum Weights	1000
Mean	14537.211	Sum Observations	14537211
Std Deviation	35641.3066	Variance	1270302736
Skewness	8.13271685	Kurtosis	80.9543245
Uncorrected SS	1.48036E12	Corrected SS	1.26903E12
Coeff Variation	245.172933	Std Error Mean	1127.07708

Basic Statistical Measures			
Location		Variability	
Mean	14537.21	Std Deviation	35641
Median	7517.50	Variance	1270302736
Mode	6000.00	Range	500604
		Interquartile Range	5978

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	12.89815	Pr > |t|	<.0001
Sign	M	500	Pr >= |M|	<.0001
Signed Rank	S	250250	Pr >= |S|	<.0001

Tests for Normality				
Test	Statistic		p Value	
Shapiro-Wilk	W	0.270155	Pr < W	<0.0001
Kolmogorov-Smirnov	D	0.350166	Pr > D	<0.0100
Cramer-von Mises	W-Sq	47.87611	Pr > W-Sq	<0.0050
Anderson-Darling	A-Sq	235.0694	Pr > A-Sq	<0.0050

Quantiles (Definition 5)	
Level	Quantile
100% Max	501376.0
99%	211081.0
95%	37549.0
90%	21009.0
75% Q3	10979.0
50% Median	7517.5
25% Q1	5001.0

The UNIVARIATE Procedure
Variable: sqft_lot

Quantiles (Definition 5)	
Level	**Quantile**
10%	3196.0
5%	1790.0
1%	1096.5
0% Min	772.0

Extreme Observations			
Lowest		**Highest**	
Value	**Obs**	**Value**	**Obs**
772	160	248600	594
916	523	280962	491
922	37	365904	719
958	804	453895	972
991	560	501376	692

The UNIVARIATE Procedure
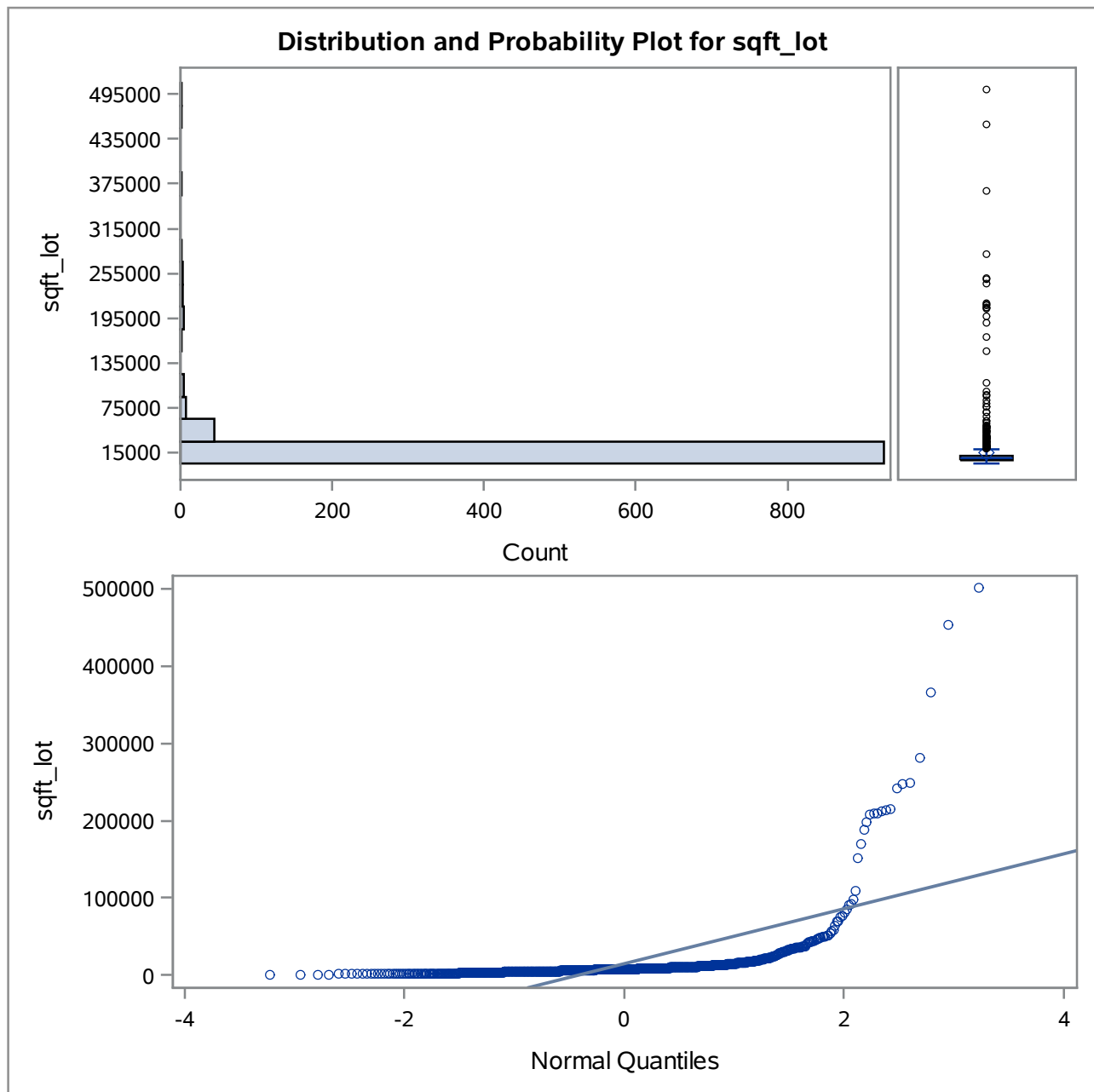
Distribution and Probability Plot for sqft_lot

Kings County House Sales Univariate Results

The UNIVARIATE Procedure
Variable: sqft_basement

Moments			
N	1000	**Sum Weights**	1000
Mean	294.571	**Sum Observations**	294571
Std Deviation	462.886434	**Variance**	214263.851
Skewness	1.8210462	**Kurtosis**	4.06847421
Uncorrected SS	300821661	**Corrected SS**	214049587
Coeff Variation	157.139173	**Std Error Mean**	14.6377543

Basic Statistical Measures			
Location		**Variability**	
Mean	294.5710	**Std Deviation**	462.88643
Median	0.0000	**Variance**	214264
Mode	0.0000	**Range**	3260
		Interquartile Range	550.00000

Tests for Location: Mu0=0				
Test	**Statistic**		**p Value**	
Student's t	t	20.12406	Pr > |t|	<.0001
Sign	M	194	Pr >= |M|	<.0001
Signed Rank	S	37733	Pr >= |S|	<.0001

Tests for Normality				
Test	**Statistic**		**p Value**	
Shapiro-Wilk	W	0.694898	Pr < W	<0.0001
Kolmogorov-Smirnov	D	0.349735	Pr > D	<0.0100
Cramer-von Mises	W-Sq	23.52353	Pr > W-Sq	<0.0050
Anderson-Darling	A-Sq	122.4144	Pr > A-Sq	<0.0050

Quantiles (Definition 5)	
Level	**Quantile**
100% Max	3260
99%	1765
95%	1225
90%	980
75% Q3	550
50% Median	0

Kings County House Sales Univariate Results

The UNIVARIATE Procedure
Variable: sqft_basement

Quantiles (Definition 5)	
Level	**Quantile**
25% Q1	0
10%	0
5%	0
1%	0
0% Min	0

Extreme Observations			
Lowest		**Highest**	
Value	**Obs**	**Value**	**Obs**
0	1000	2100	444
0	999	2170	87
0	998	2600	966
0	997	3000	175
0	996	3260	38

Kings County House Sales Univariate Results
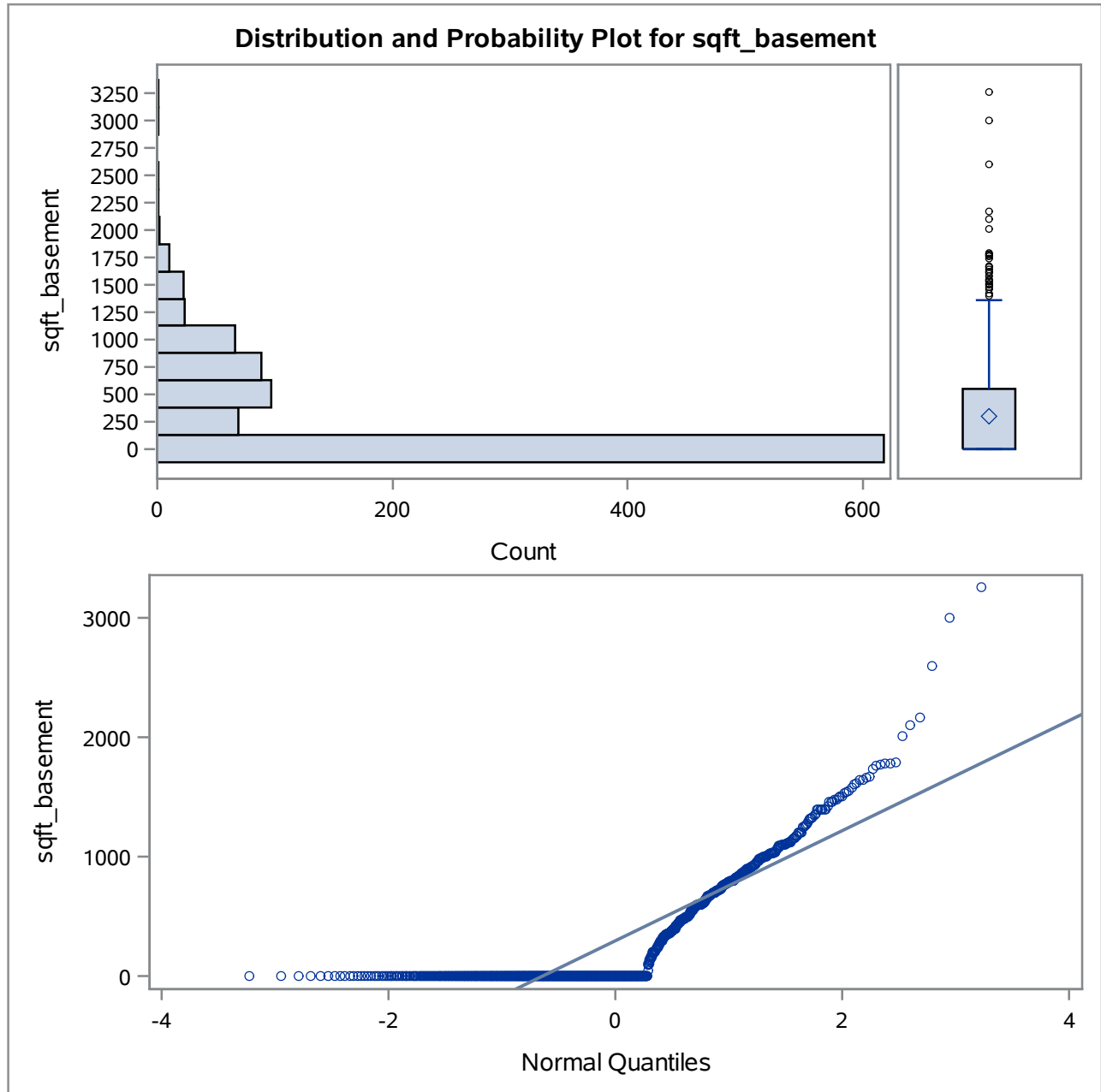
The UNIVARIATE Procedure

Distribution and Probability Plot for sqft_basement

Kings County House Sales Univariate Results

The UNIVARIATE Procedure
Variable: sqft_living15

Moments			
N	1000	Sum Weights	1000
Mean	2008.283	Sum Observations	2008283
Std Deviation	706.922647	Variance	499739.629
Skewness	1.06724804	Kurtosis	1.79257162
Uncorrected SS	4532440497	Corrected SS	499239889
Coeff Variation	35.2003501	Std Error Mean	22.3548569

Basic Statistical Measures			
Location		**Variability**	
Mean	2008.283	Std Deviation	706.92265
Median	1890.000	Variance	499740
Mode	1770.000	Range	5100
		Interquartile Range	921.50000

Tests for Location: Mu0=0				
Test	**Statistic**		**p Value**	
Student's t	t	89.83654	Pr > |t|	<.0001
Sign	M	500	Pr >= |M|	<.0001
Signed Rank	S	250250	Pr >= |S|	<.0001

Tests for Normality				
Test	**Statistic**		**p Value**	
Shapiro-Wilk	W	0.940072	Pr < W	<0.0001
Kolmogorov-Smirnov	D	0.078987	Pr > D	<0.0100
Cramer-von Mises	W-Sq	2.072306	Pr > W-Sq	<0.0050
Anderson-Darling	A-Sq	12.92767	Pr > A-Sq	<0.0050

Quantiles (Definition 5)	
Level	**Quantile**
100% Max	5790.0
99%	4000.0
95%	3320.0
90%	2970.0
75% Q3	2401.5
50% Median	1890.0

Kings County House Sales Univariate Results

The UNIVARIATE Procedure
Variable: sqft_living15

Quantiles (Definition 5)	
Level	**Quantile**
25% Q1	1480.0
10%	1240.0
5%	1120.0
1%	900.0
0% Min	690.0

Extreme Observations			
Lowest		**Highest**	
Value	**Obs**	**Value**	**Obs**
690	160	4640	73
740	241	4780	848
780	272	5030	962
828	683	5380	966
830	284	5790	638

Kings County House Sales Univariate Results
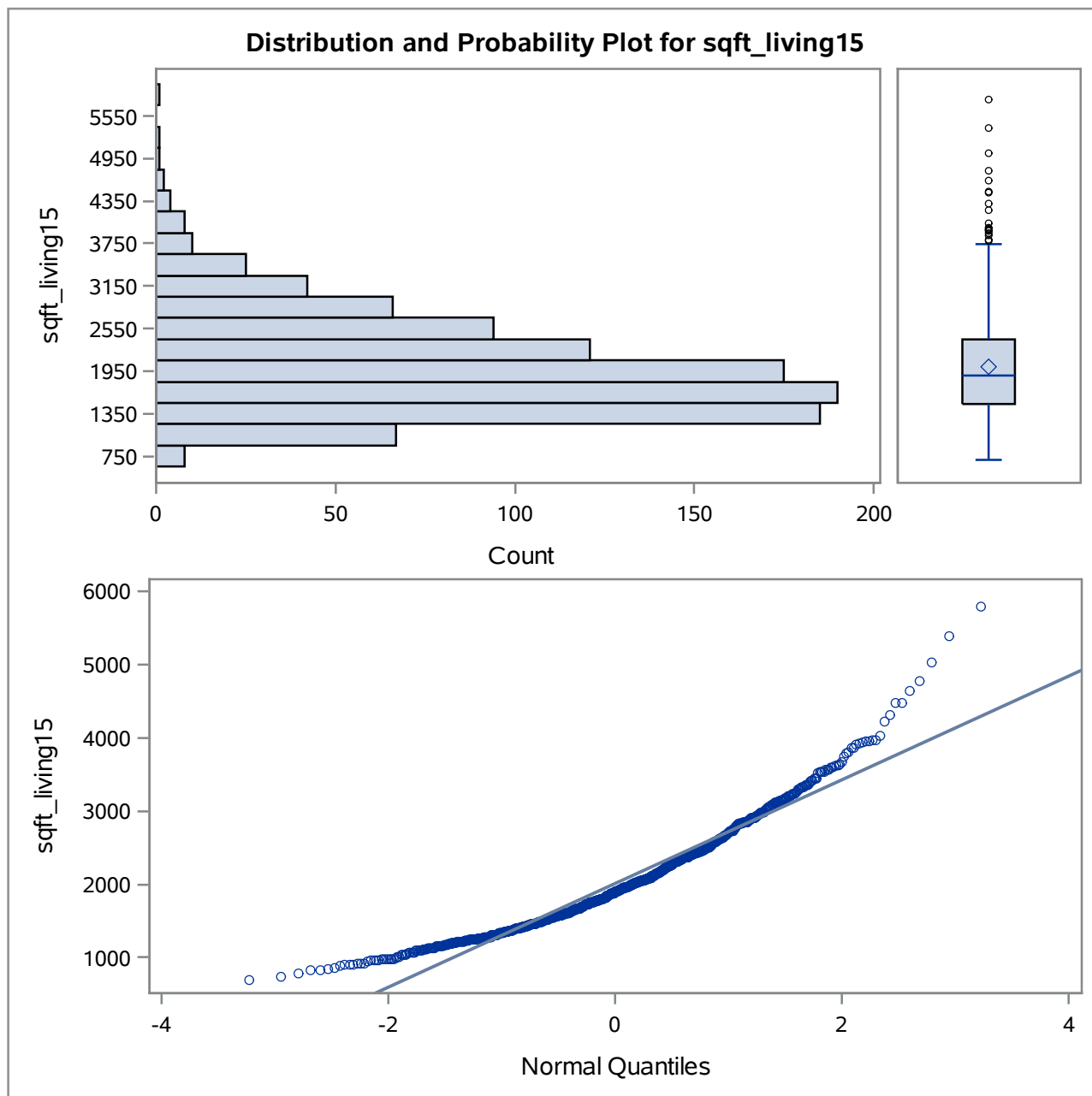
The UNIVARIATE Procedure

Distribution and Probability Plot for sqft_living15

Kings County House Sales Univariate Results

The UNIVARIATE Procedure
Variable: sqft_lot15

Moments			
N	1000	Sum Weights	1000
Mean	12505.353	Sum Observations	12505353
Std Deviation	25394.0127	Variance	644855879
Skewness	7.33367569	Kurtosis	61.4644671
Uncorrected SS	8.00595E11	Corrected SS	6.44211E11
Coeff Variation	203.065141	Std Error Mean	803.029189

Basic Statistical Measures			
Location		Variability	
Mean	12505.35	Std Deviation	25394
Median	7556.00	Variance	644855879
Mode	4000.00	Range	310652
		Interquartile Range	5397

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	15.57273	Pr > |t|	<.0001
Sign	M	500	Pr >= |M|	<.0001
Signed Rank	S	250250	Pr >= |S|	<.0001

Tests for Normality				
Test	Statistic		p Value	
Shapiro-Wilk	W	0.300071	Pr < W	<0.0001
Kolmogorov-Smirnov	D	0.33959	Pr > D	<0.0100
Cramer-von Mises	W-Sq	43.95237	Pr > W-Sq	<0.0050
Anderson-Darling	A-Sq	217.3598	Pr > A-Sq	<0.0050

Quantiles (Definition 5)	
Level	Quantile
100% Max	311610.0
99%	174675.5
95%	35705.5
90%	16679.0
75% Q3	10515.0
50% Median	7556.0

Kings County House Sales Univariate Results

The UNIVARIATE Procedure
Variable: sqft_lot15

Quantiles (Definition 5)	
Level	**Quantile**
25% Q1	5118.5
10%	3600.0
5%	2029.0
1%	1230.5
0% Min	958.0

Extreme Observations			
Lowest		**Highest**	
Value	**Obs**	**Value**	**Obs**
958	804	219542	491
980	284	222156	39
1059	160	233917	24
1080	282	253519	719
1095	55	311610	594

Kings County House Sales Univariate Results
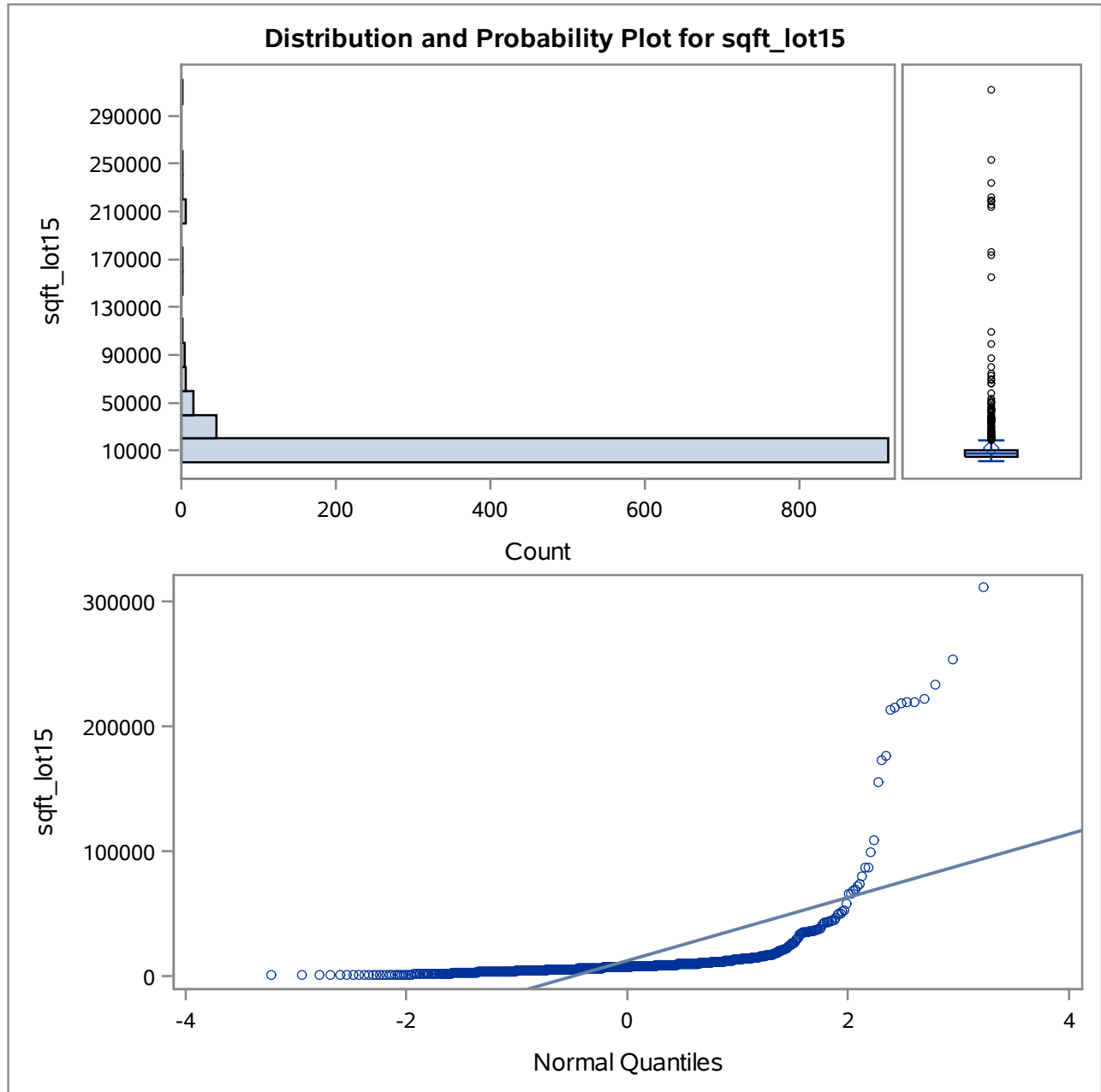
The UNIVARIATE Procedure

Distribution and Probability Plot for sqft_lot15

Kings County House Sales Univariate Results

The UNIVARIATE Procedure
Variable: Age_At_Sale

Moments			
N	1000	**Sum Weights**	1000
Mean	42.332	**Sum Observations**	42332
Std Deviation	28.9234566	**Variance**	836.566342
Skewness	0.48678452	**Kurtosis**	-0.6287077
Uncorrected SS	2627728	**Corrected SS**	835729.776
Coeff Variation	68.3252778	**Std Error Mean**	0.91464001

Basic Statistical Measures			
Location		**Variability**	
Mean	42.33200	**Std Deviation**	28.92346
Median	38.00000	**Variance**	836.56634
Mode	0.00000	**Range**	115.00000
		Interquartile Range	45.50000

Tests for Location: Mu0=0				
Test	**Statistic**		**p Value**	
Student's t	t	46.28269	Pr > |t|	<.0001
Sign	M	487.5	Pr >= |M|	<.0001
Signed Rank	S	237900	Pr >= |S|	<.0001

Tests for Normality				
Test	**Statistic**		**p Value**	
Shapiro-Wilk	W	0.95554	Pr < W	<0.0001
Kolmogorov-Smirnov	D	0.071653	Pr > D	<0.0100
Cramer-von Mises	W-Sq	1.424516	Pr > W-Sq	<0.0050
Anderson-Darling	A-Sq	10.6486	Pr > A-Sq	<0.0050

Quantiles (Definition 5)	
Level	**Quantile**
100% Max	115.0
99%	109.5
95%	96.0
90%	88.0
75% Q3	62.5
50% Median	38.0

Kings County House Sales Univariate Results

The UNIVARIATE Procedure
Variable: Age_At_Sale

Quantiles (Definition 5)	
Level	**Quantile**
25% Q1	17.0
10%	7.0
5%	2.0
1%	0.0
0% Min	0.0

Extreme Observations			
Lowest		**Highest**	
Value	**Obs**	**Value**	**Obs**
0	990	113	107
0	946	113	676
0	924	113	761
0	846	114	75
0	833	115	624

Kings County House Sales Univariate Results

The UNIVARIATE Procedure

Distribution and Probability Plot for Age_At_Sale