

Obs	PName	CName	population	area	density
1	北海	札幌市	5212462	83424	66
2	青森	青森市	1230535	9646	128
3	岩手	盛岡市	1212201	15275	79
4	宮城	仙台市	2292690	7282	315
5	秋田	秋田市	952069	11638	82
6	山形	山形市	1064954	9323	114
7	福島	福島市	1830114	13784	133
8	茨城	水戸市	2854131	6097	468
9	栃木	宇都宮市	1932091	6408	302
10	群馬	前橋市	1926370	6362	303

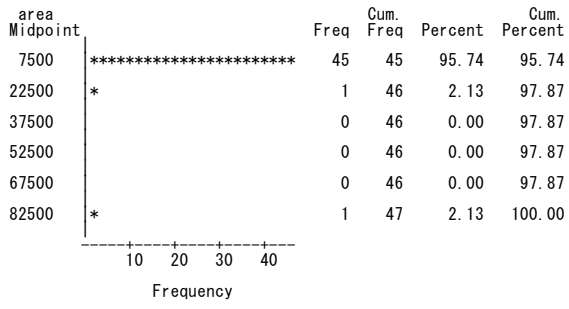
## The MEANS Procedure

Variable	N	Mean	Std Dev	Minimum	Maximum
population	47	2676208.57	2787248.60	551402.00	13971109.00
area	47	8042.06	11694.79	1877.00	83424.00
density	47	655.0851064	1218.36	66.0000000	6368.00

population Midpoint		Freq	Cum. Freq	Percent	Cum. Percent
1250000	*****	34	34	72.34	72.34
3750000	****	4	38	8.51	80.85
6250000	*****	5	43	10.64	91.49
8750000	***	3	46	6.38	97.87
11250000		0	46	0.00	97.87
13750000	*	1	47	2.13	100.00

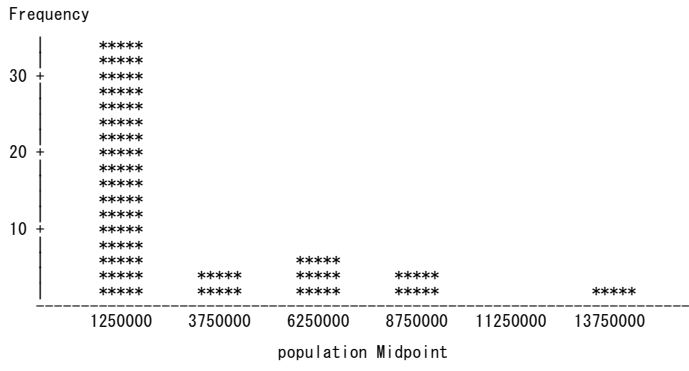
Frequency

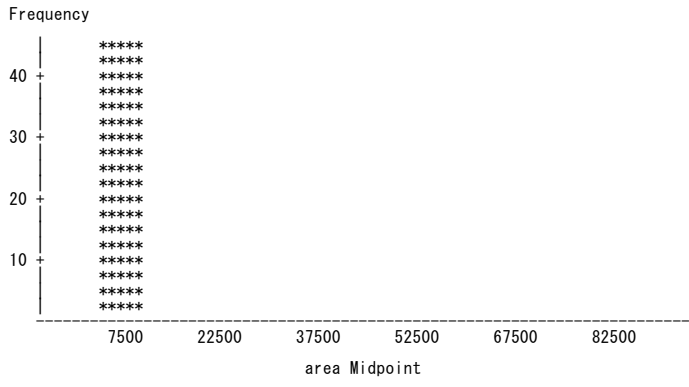


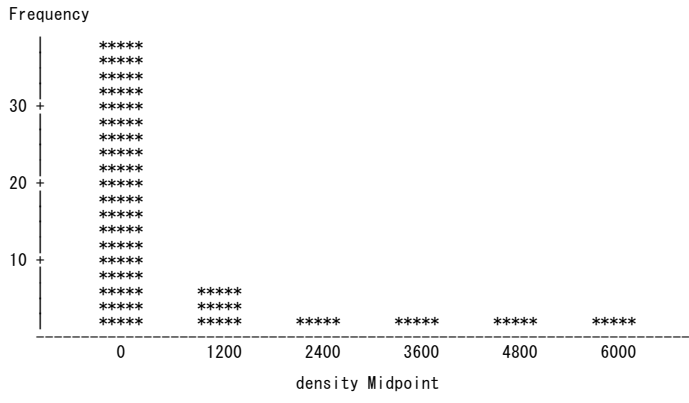
density Midpoint		Freq	Cum. Freq	Percent	Cum. Percent
0	*****	38	38	80.85	80.85
1200	***	5	43	10.64	91.49
2400	*	1	44	2.13	93.62
3600	*	1	45	2.13	95.74
4800	*	1	46	2.13	97.87
6000	*	1	47	2.13	100.00

Frequency









The UNIVARIATE Procedure  
Variable: population

Moments			
N	47	Sum Weights	47
Mean	2676208.57	Sum Observations	125781803
Std Deviation	2787248.6	Variance	7.76875E12
Skewness	2.25842727	Kurtosis	5.43703845
Uncorrected SS	6.93981E14	Corrected SS	3.57363E14
Coeff Variation	104.149154	Std Error Mean	406561.993

Basic Statistical Measures			
Location		Variability	
Mean	2676209	Std Deviation	2787249
Median	1587342	Variance	7.76875E12
Mode	.	Range	13419707
		Interquartile Range	1731103

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	6.582535	Pr >  t	<.0001
Sign	M	23.5	Pr >=  M	<.0001
Signed Rank	S	564	Pr >=  S	<.0001

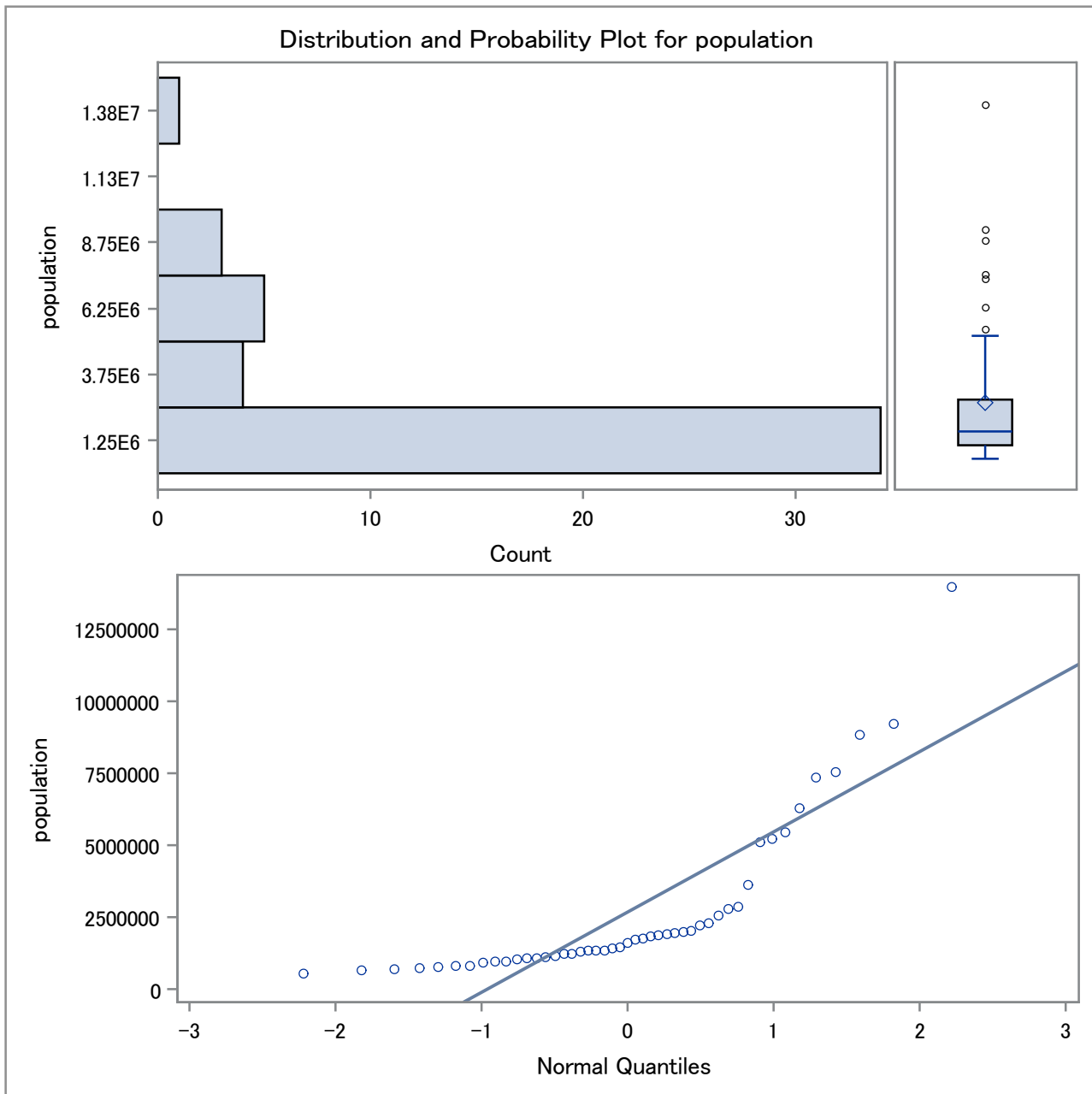
Quantiles (Definition 5)	
Level	Quantile
100% Max	13971109
99%	13971109
95%	8817372
90%	7343453
75% Q3	2794862
50% Median	1587342
25% Q1	1063759
10%	762679
5%	689785
1%	551402
0% Min	551402

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
551402	31	7343453	11
666941	32	7541123	23
689785	39	8817372	27

The UNIVARIATE Procedure  
Variable: population

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
721269	36	9214151	14
762679	18	13971109	13

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
.	3	6.00	100.00



The UNIVARIATE Procedure  
Variable: area

Moments			
N	47	Sum Weights	47
Mean	8042.06383	Sum Observations	377977
Std Deviation	11694.7852	Variance	136768000
Skewness	6.0640579	Kurtosis	39.5726979
Uncorrected SS	9331043157	Corrected SS	6291327997
Coeff Variation	145.420198	Std Error Mean	1705.85974

Basic Statistical Measures			
Location		Variability	
Mean	8042.064	Std Deviation	11695
Median	6097.000	Variance	136768000
Mode	.	Range	81547
		Interquartile Range	4254

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	4.714376	Pr >  t	<.0001
Sign	M	23.5	Pr >=  M	<.0001
Signed Rank	S	564	Pr >=  S	<.0001

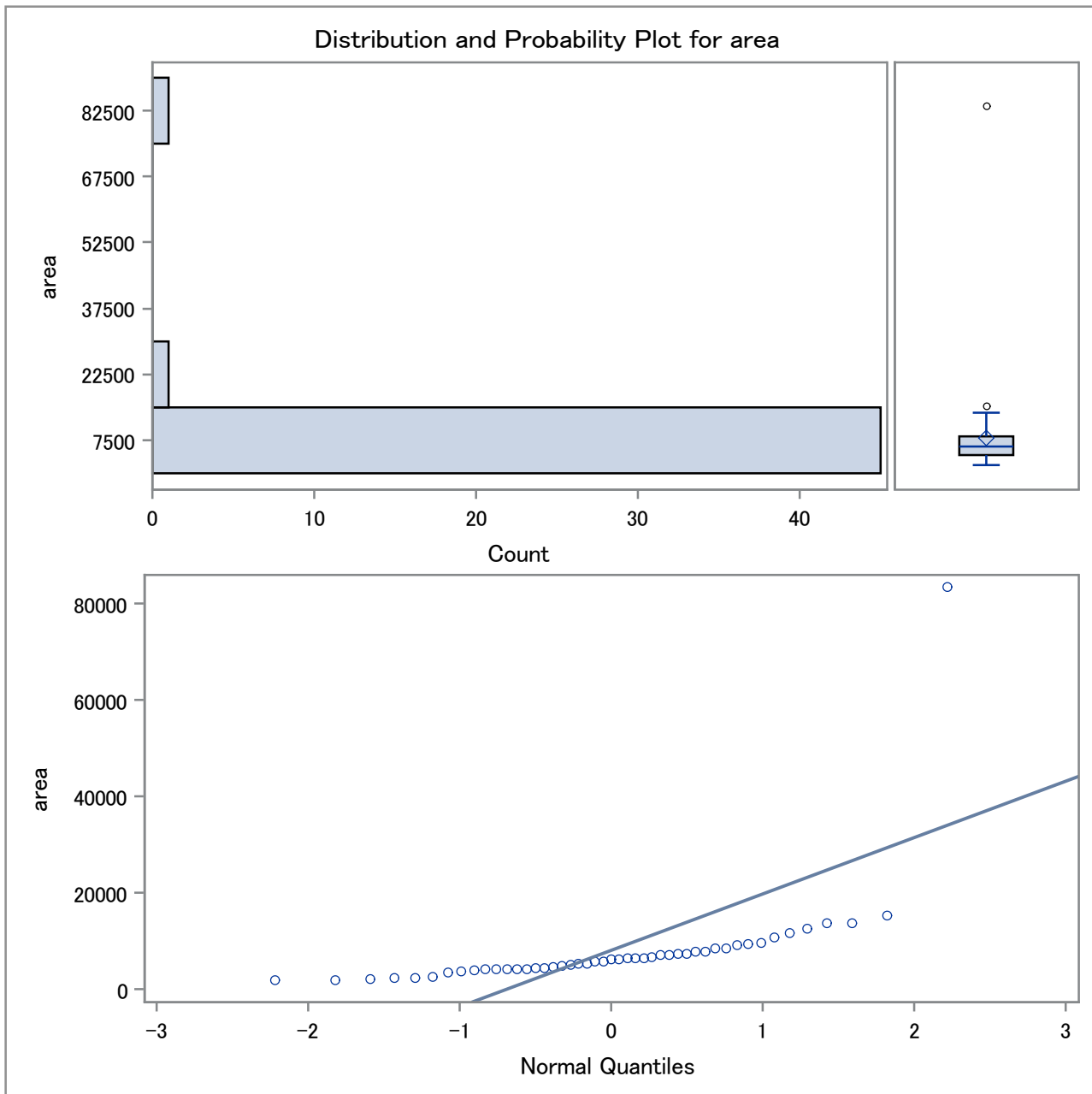
Quantiles (Definition 5)	
Level	Quantile
100% Max	83424
99%	83424
95%	13784
90%	12584
75% Q3	8401
50% Median	6097
25% Q1	4147
10%	2416
5%	2194
1%	1877
0% Min	1877

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
1877	37	12584	15
1905	27	13562	20
2194	13	13784	7

The UNIVARIATE Procedure  
Variable: area

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
2283	47	15275	3
2416	14	83424	1

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
.	3	6.00	100.00



The UNIVARIATE Procedure  
Variable: density

Moments			
N	47	Sum Weights	47
Mean	655.085106	Sum Observations	30789
Std Deviation	1218.36271	Variance	1484407.69
Skewness	3.51652538	Kurtosis	12.7412196
Uncorrected SS	88452169	Corrected SS	68282753.7
Coeff Variation	185.985408	Std Error Mean	177.716466

Basic Statistical Measures			
Location		Variability	
Mean	655.0851	Std Deviation	1218
Median	265.0000	Variance	1484408
Mode	234.0000	Range	6302
		Interquartile Range	295.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	3.686125	Pr >  t	0.0006
Sign	M	23.5	Pr >=  M	<.0001
Signed Rank	S	564	Pr >=  S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	6368
99%	6368
95%	3813
90%	1458
75% Q3	468
50% Median	265
25% Q1	173
10%	99
5%	82
1%	66
0% Min	66

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
66	1	1458	23
79	3	1934	11
82	5	3813	14

The UNIVARIATE Procedure  
Variable: density

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
97	39	4628	27
99	32	6368	13

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
.	3	6.00	100.00

