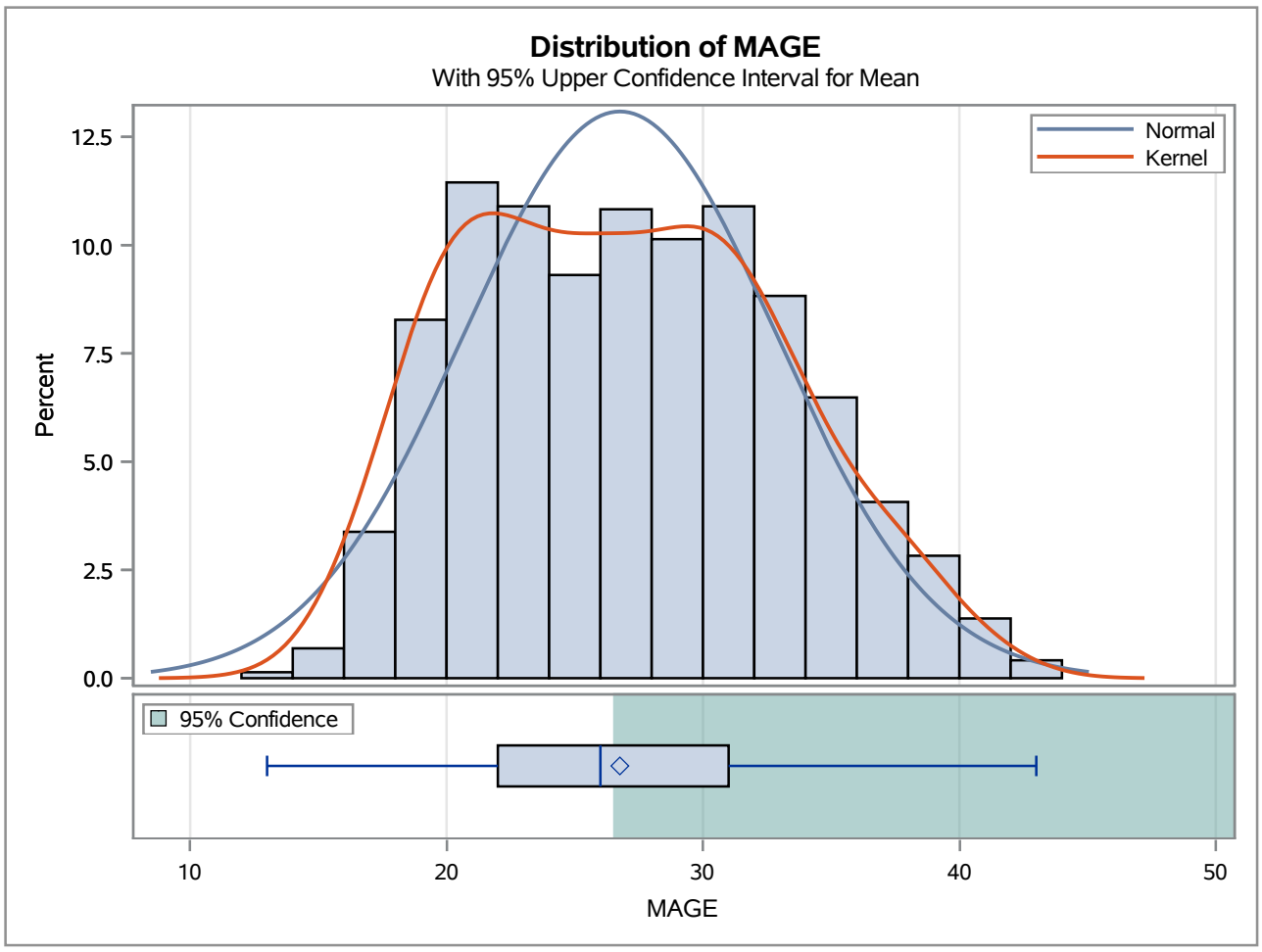
The TTEST Procedure

Variable: MAGE

N	Mean	Std Dev	Std Err	Minimum	Maximum
1450	26.7586	6.0973	0.1601	13.0000	43.0000

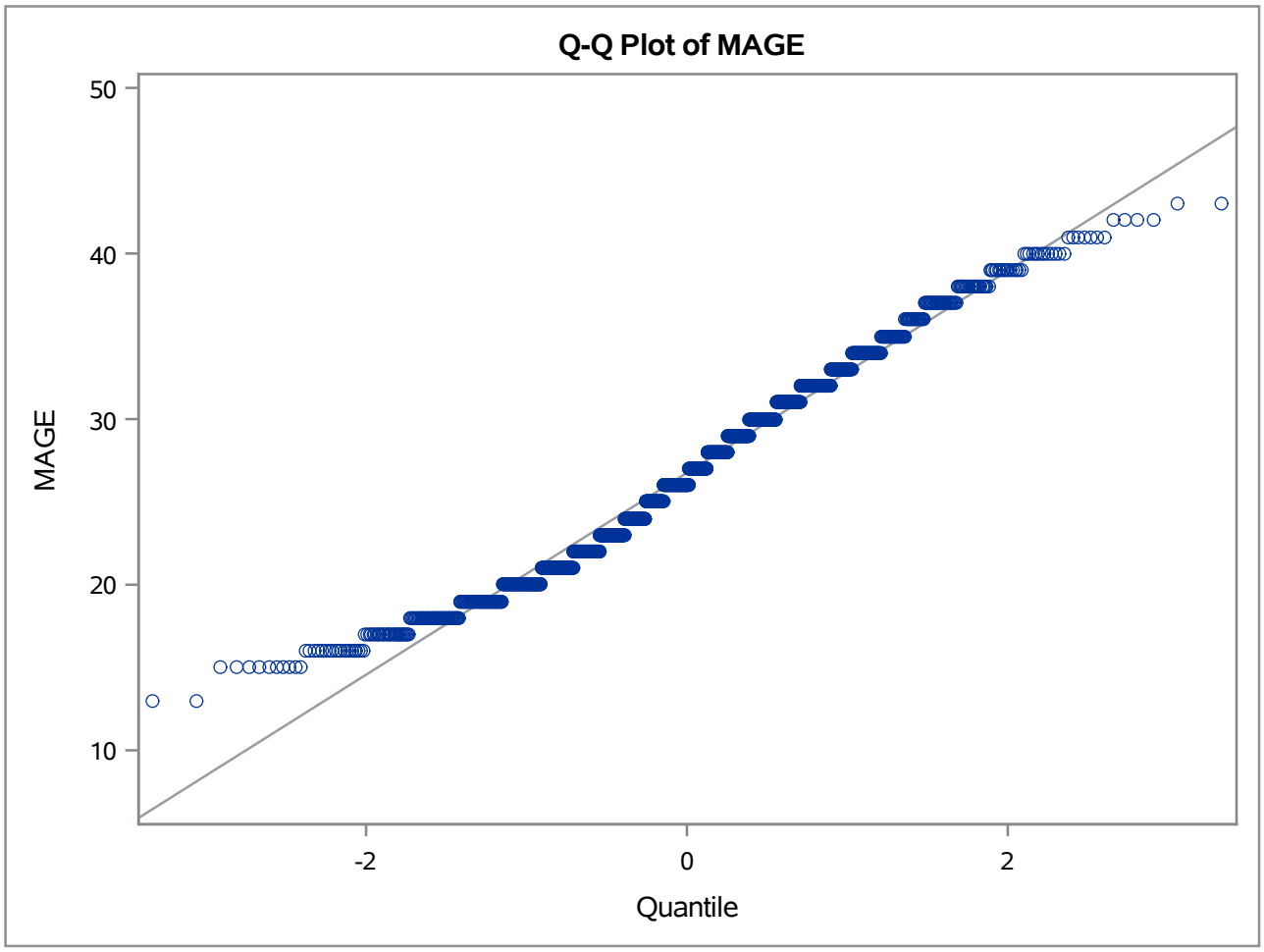
Mean	95% CL Mean		Std Dev	95% CL Std Dev	
26.7586	26.4951	Infty	6.0973	5.8832	6.3277

DF	t Value	Pr > t
1449	10.98	<.0001



The TTEST Procedure

Variable: MAGE



The UNIVARIATE Procedure
Variable: MAGE

Moments			
N	1450	**Sum Weights**	1450
Mean	26.7586207	**Sum Observations**	38800
Std Deviation	6.09729699	**Variance**	37.1770305
Skewness	0.22498823	**Kurtosis**	-0.7332435
Uncorrected SS	1092104	**Corrected SS**	53869.5172
Coeff Variation	22.7862903	**Std Error Mean**	0.16012286

Basic Statistical Measures			
Location		**Variability**	
Mean	26.75862	**Std Deviation**	6.09730
Median	26.00000	**Variance**	37.17703
Mode	26.00000	**Range**	30.00000
		Interquartile Range	9.00000

Tests for Location: Mu0=0				
Test	**Statistic**		**p Value**	
Student's t	**t**	167.1131	**Pr > |t|**	<.0001
Sign	**M**	725	**Pr >= |M|**	<.0001
Signed Rank	**S**	525987.5	**Pr >= |S|**	<.0001

Quantiles (Definition 5)	
Level	**Quantile**
100% Max	43
99%	40
95%	37
90%	35
75% Q3	31
50% Median	26
25% Q1	22
10%	19
5%	18
1%	16
0% Min	13

The UNIVARIATE Procedure
Variable: MAGE

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
13	1149	42	232
13	859	42	333
15	1281	42	959
15	1266	43	1012
15	1113	43	1025

Obs	tc
1	1.64591

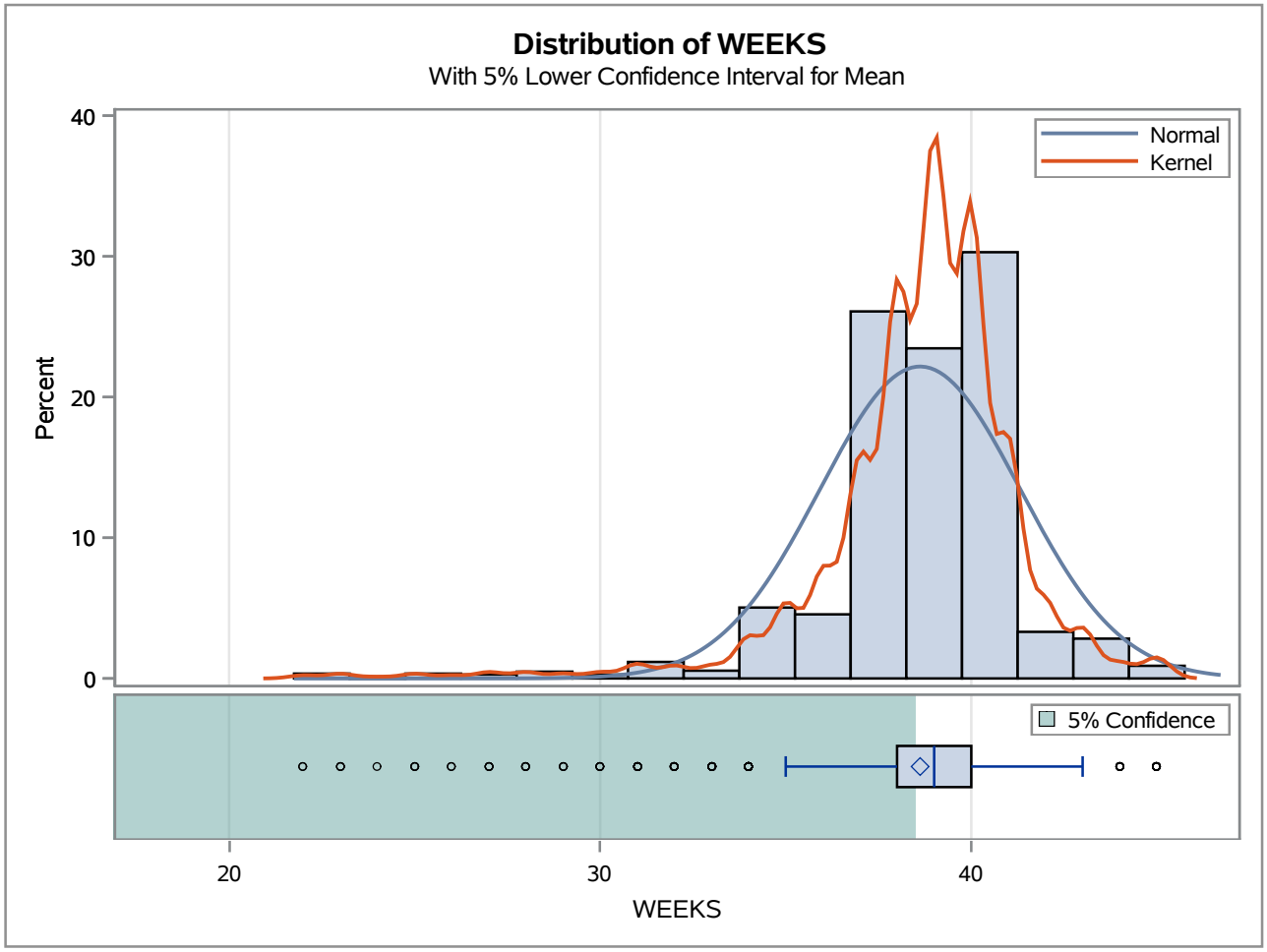
The TTEST Procedure

Variable: WEEKS

N	Mean	Std Dev	Std Err	Minimum	Maximum
1449	38.6211	2.6991	0.0709	22.0000	45.0000

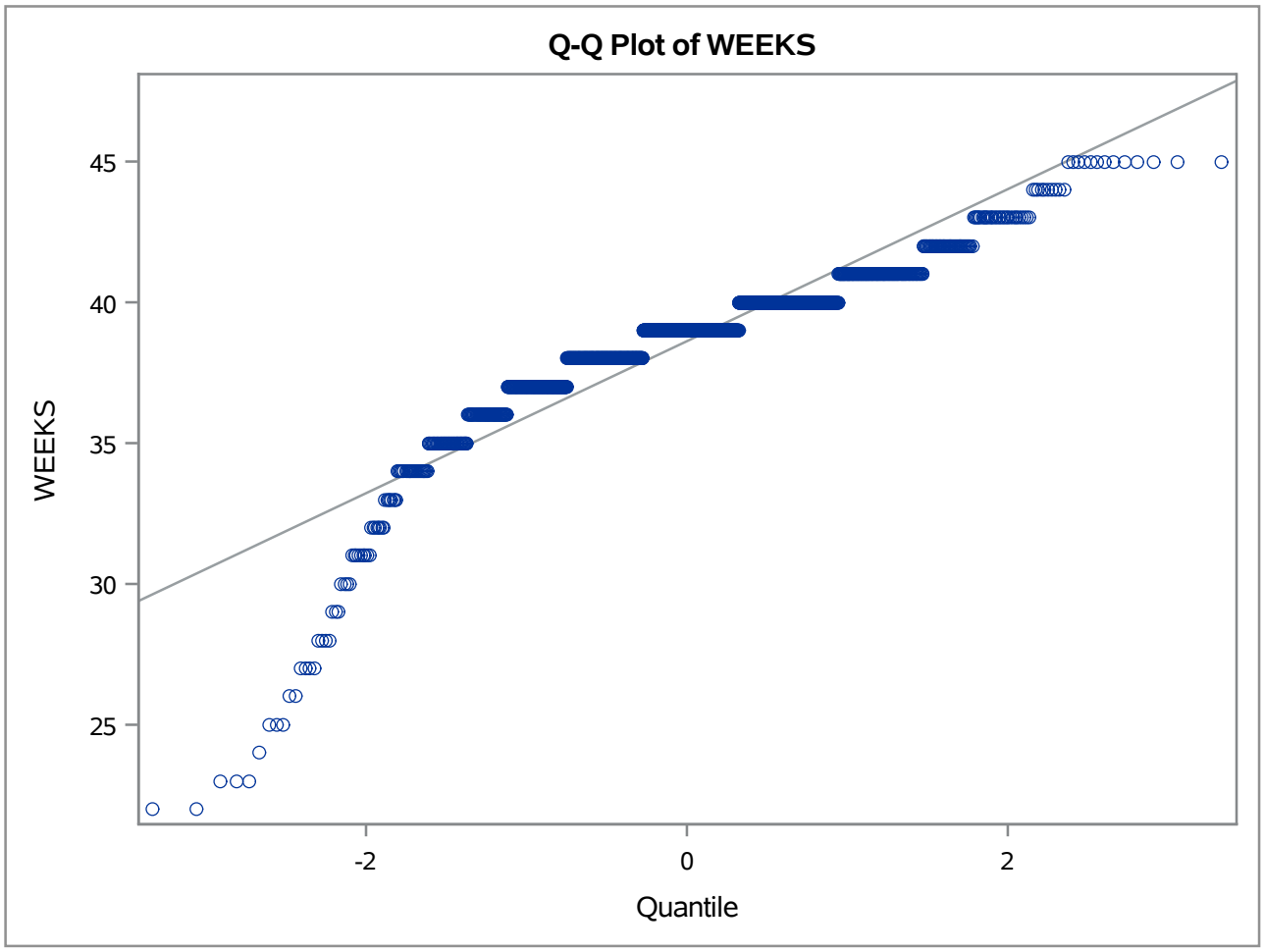
Mean	5% CL Mean		Std Dev	5% CL Std Dev	
38.6211	-Infty	38.5044	2.6991	2.6966	2.7029

DF	t Value	Pr < t
1448	-5.34	<.0001



The TTEST Procedure

Variable: WEEKS



The UNIVARIATE Procedure
Variable: WEEKS

Moments			
N	1449	**Sum Weights**	1449
Mean	38.621118	**Sum Observations**	55962
Std Deviation	2.69911406	**Variance**	7.2852167
Skewness	-1.8940848	**Kurtosis**	7.88794228
Uncorrected SS	2171864	**Corrected SS**	10548.9938
Coeff Variation	6.98869996	**Std Error Mean**	0.07090666

Basic Statistical Measures			
Location		**Variability**	
Mean	38.62112	**Std Deviation**	2.69911
Median	39.00000	**Variance**	7.28522
Mode	39.00000	**Range**	23.00000
		Interquartile Range	2.00000

Tests for Location: Mu0=0				
Test	**Statistic**		**p Value**	
Student's t	**t**	544.6754	**Pr > |t|**	<.0001
Sign	**M**	724.5	**Pr >= |M|**	<.0001
Signed Rank	**S**	525262.5	**Pr >= |S|**	<.0001

Quantiles (Definition 5)	
Level	**Quantile**
100% Max	45
99%	44
95%	42
90%	41
75% Q3	40
50% Median	39
25% Q1	38
10%	36
5%	34
1%	27
0% Min	22

The UNIVARIATE Procedure
Variable: WEEKS

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
22	1366	45	1223
22	350	45	1283
23	627	45	1307
23	556	45	1334
23	469	45	1400

Missing Values			
		Percent Of	
Missing Value	Count	All Obs	Missing Obs
.	1	0.07	100.00

Obs	tc
1	2.32892

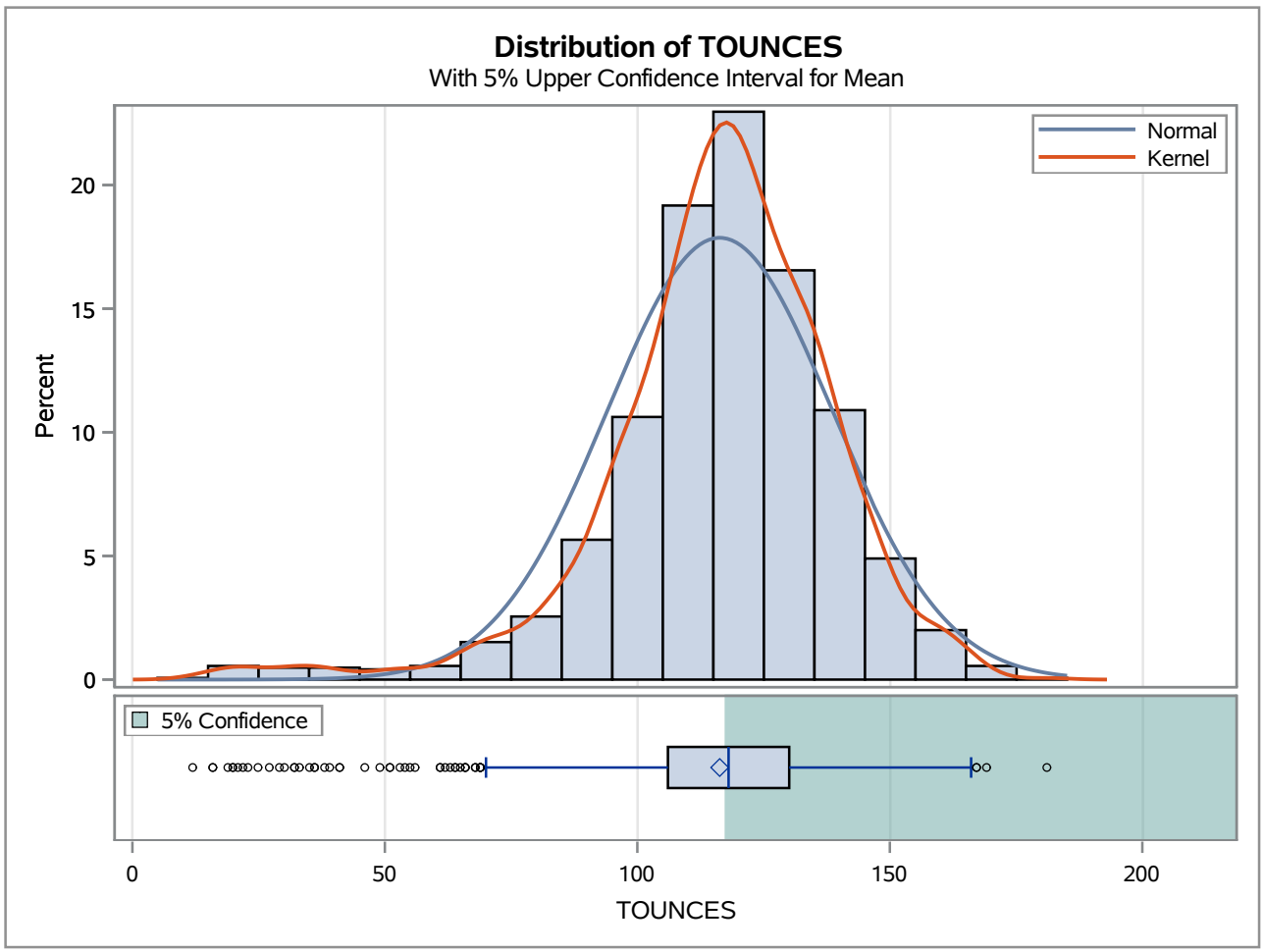
The TTEST Procedure

Variable: TOUNCES

N	Mean	Std Dev	Std Err	Minimum	Maximum
1450	116.2	22.3272	0.5863	12.0000	181.0

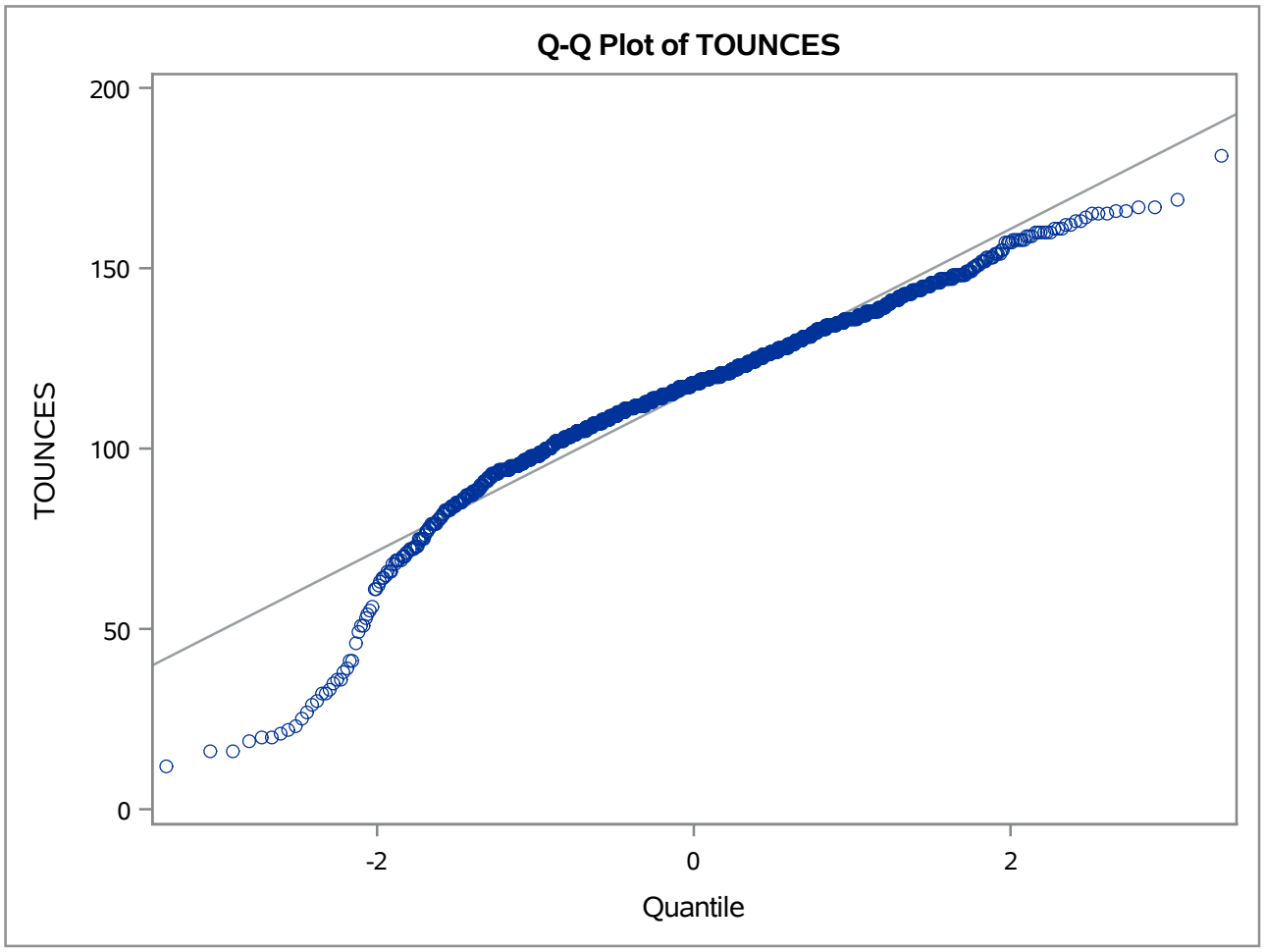
Mean	5% CL Mean		Std Dev	5% CL Std Dev	
116.2	117.2	Infty	22.3272	22.3064	22.3584

DF	t Value	Pr > t
1449	7.24	<.0001



The TTEST Procedure

Variable: TOUNCES



The UNIVARIATE Procedure
Variable: TOUNCES

Moments			
N	1450	**Sum Weights**	1450
Mean	116.247586	**Sum Observations**	168559
Std Deviation	22.3272313	**Variance**	498.505256
Skewness	-1.0706578	**Kurtosis**	3.10782371
Uncorrected SS	20316911	**Corrected SS**	722334.117
Coeff Variation	19.2066193	**Std Error Mean**	0.58634182

Basic Statistical Measures			
Location		**Variability**	
Mean	116.2476	**Std Deviation**	22.32723
Median	118.0000	**Variance**	498.50526
Mode	117.0000	**Range**	169.00000
		Interquartile Range	24.00000

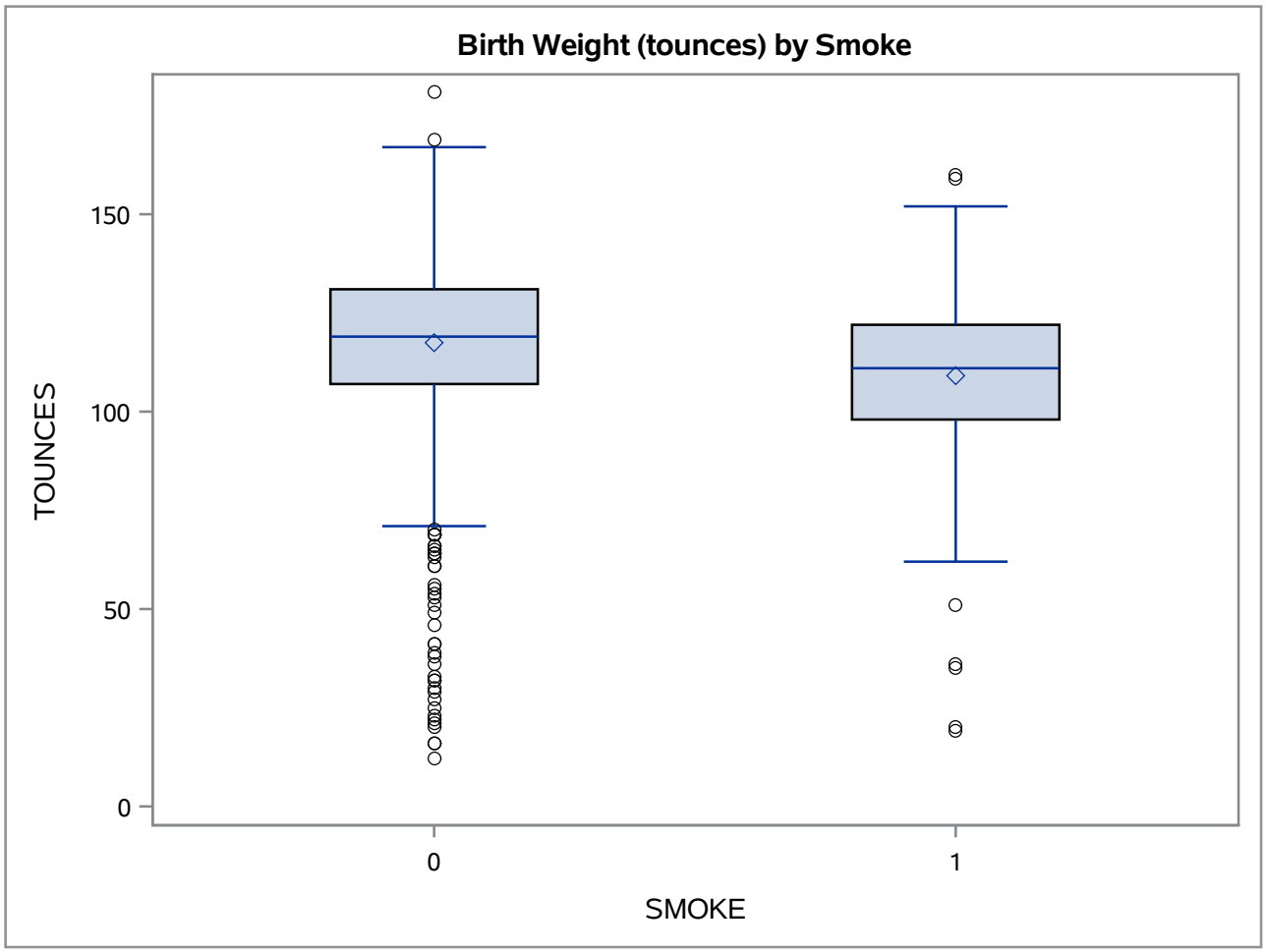
Tests for Location: Mu0=0				
Test	**Statistic**		**p Value**	
Student's t	**t**	198.2591	**Pr > |t|**	<.0001
Sign	**M**	725	**Pr >= |M|**	<.0001
Signed Rank	**S**	525987.5	**Pr >= |S|**	<.0001

Quantiles (Definition 5)	
Level	**Quantile**
100% Max	181
99%	161
95%	148
90%	141
75% Q3	130
50% Median	118
25% Q1	106
10%	92
5%	79
1%	32
0% Min	12

The UNIVARIATE Procedure
Variable: TOUNCES

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
12	350	166	527
16	556	167	495
16	56	167	970
19	469	169	134
20	1366	181	1351

Obs	tc
1	2.32892


Birth Weight (tounces) by Smoke
TOUNCES
150
100
50
0
0
1
SMOKE

The MEANS Procedure

Analysis Variable : TOUNCES						
SMOKE	N Obs	Mean	Std Dev	Minimum	Maximum	N
0	1236	117.4627832	22.1913155	12.0000000	181.0000000	1236
1	209	109.1100478	21.8507249	19.0000000	160.0000000	209

The FREQ Procedure

LOW	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	1325	91.38	1325	91.38
1	125	8.62	1450	100.00

Binomial Proportion	
LOW = 0	
Proportion	0.9138
ASE	0.0074
95% Lower Conf Limit	0.8993
95% Upper Conf Limit	0.9282
Exact Conf Limits	
95% Lower Conf Limit	0.8981
95% Upper Conf Limit	0.9277

Test of H0: Proportion = 0.06	
ASE under H0	0.0062
Z	136.8980
One-sided Pr > Z	<.0001
Two-sided Pr > |Z|	<.0001

Sample Size = 1450

The FREQ Procedure

SMOKE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	1236	85.54	1236	85.54
1	209	14.46	1445	100.00
Frequency Missing = 5				

Binomial Proportion	
SMOKE = 0	
Proportion	0.8554
ASE	0.0093
95% Lower Conf Limit	0.8372
95% Upper Conf Limit	0.8735
Exact Conf Limits	
95% Lower Conf Limit	0.8362
95% Upper Conf Limit	0.8731

Test of H0: Proportion = 0.1	
ASE under H0	0.0079
Z	95.7125
One-sided Pr > Z	<.0001
Two-sided Pr > |Z|	<.0001

Sample Size = 1445
Frequency Missing = 5

Smoke vs Non-Smoke by Low Birth Weight

The FREQ Procedure

Frequency Percent Row Pct Col Pct

Table of SMOKE by LOW

SMOKE	LOW 0	LOW 1	Total
0	1138 78.75 92.07 86.21	98 6.78 7.93 78.40	1236 85.54
1	182 12.60 87.08 13.79	27 1.87 12.92 21.60	209 14.46
Total	1320 91.35	125 8.65	1445 100.00

Frequency Missing = 5

Statistics for Table of SMOKE by LOW

Column 1 Risk Estimates

	Risk	ASE	95% Confidence Limits		Exact 95% Confidence Limits	
Row 1	0.9207	0.0077	0.9056	0.9358	0.9042	0.9352
Row 2	0.8708	0.0232	0.8253	0.9163	0.8176	0.9131
Total	0.9135	0.0074	0.8990	0.9280	0.8978	0.9275
Difference	0.0499	0.0244	0.0020	0.0978		

Difference is (Row 1 - Row 2)

Risk Difference Test	
H0: P1 - P2 = 0 Wald Method	
Risk Difference	0.0499
ASE (H0)	0.0210
Z	2.3734
One-sided Pr > Z	0.0088
Two-sided Pr > |Z|	0.0176
Column 1 (LOW = 0)	

Smoke vs Non-Smoke by Low Birth Weight

The FREQ Procedure

Statistics for Table of SMOKE by LOW

Column 2 Risk Estimates						
	Risk	ASE	95% Confidence Limits		Exact 95% Confidence Limits	
Row 1	0.0793	0.0077	0.0642	0.0944	0.0648	0.0958
Row 2	0.1292	0.0232	0.0837	0.1747	0.0869	0.1824
Total	0.0865	0.0074	0.0720	0.1010	0.0725	0.1022
Difference	-0.0499	0.0244	-0.0978	-0.0020		
Difference is (Row 1 - Row 2)						

Sample Size = 1445
Frequency Missing = 5

The FREQ Procedure

Frequency Percent Row Pct Col Pct

Table of DRINK by LOW

DRINK	LOW 0	LOW 1	Total
0	1313 90.87 91.37 99.47	124 8.58 8.63 99.20	1437 99.45
1	7 0.48 87.50 0.53	1 0.07 12.50 0.80	8 0.55
Total	1320 91.35	125 8.65	1445 100.00

Frequency Missing = 5

Statistics for Table of DRINK by LOW

Column 1 Risk Estimates

	Risk	ASE	95% Confidence Limits		Exact 95% Confidence Limits	
Row 1	0.9137	0.0074	0.8992	0.9282	0.8980	0.9277
Row 2	0.8750	0.1169	0.6458	1.0000	0.4735	0.9968
Total	0.9135	0.0074	0.8990	0.9280	0.8978	0.9275
Difference	0.0387	0.1172	-0.1909	0.2683		

Difference is (Row 1 - Row 2)

Risk Difference Test

H0: P1 - P2 = 0 Wald Method	
Risk Difference	0.0387
ASE (H0)	0.0997
Z	0.3884
One-sided Pr > Z	0.3489
Two-sided Pr > |Z|	0.6977

Column 1 (LOW = 0)

The FREQ Procedure

Statistics for Table of DRINK by LOW

Column 2 Risk Estimates						
	Risk	ASE	95% Confidence Limits		Exact 95% Confidence Limits	
Row 1	0.0863	0.0074	0.0718	0.1008	0.0723	0.1020
Row 2	0.1250	0.1169	0.0000	0.3542	0.0032	0.5265
Total	0.0865	0.0074	0.0720	0.1010	0.0725	0.1022
Difference	-0.0387	0.1172	-0.2683	0.1909		
Difference is (Row 1 - Row 2)						

Sample Size = 1445
Frequency Missing = 5

The FREQ Procedure

Frequency
Percent
Row Pct
Col Pct

Table of LOW by RACEMOM

LOW	RACEMOM 1	2	3	4	7	8	Total
0	991 68.34 74.79 92.62	289 19.93 21.81 87.05	20 1.38 1.51 90.91	2 0.14 0.15 100.00	1 0.07 0.08 100.00	22 1.52 1.66 95.65	1325 91.38
1	79 5.45 63.20 7.38	43 2.97 34.40 12.95	2 0.14 1.60 9.09	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.07 0.80 4.35	125 8.62
Total	1070 73.79	332 22.90	22 1.52	2 0.14	1 0.07	23 1.59	1450 100.00

Statistics for Table of LOW by RACEMOM

Statistic	DF	Value	Prob
Chi-Square	5	10.8082	0.0553
Likelihood Ratio Chi-Square	5	10.3082	0.0670
Mantel-Haenszel Chi-Square	1	0.4054	0.5243
Phi Coefficient		0.0863	
Contingency Coefficient		0.0860	
Cramer's V		0.0863	

WARNING: 50% of the cells have expected counts less than 5. Chi-Square may not be a valid test.

Sample Size = 1450