

## continous in caco

## The UNIVARIATE Procedure

Variable: bmi

Moments			
N	532	Sum Weights	532
Mean	22.9607447	Sum Observations	12215.1162
Std Deviation	3.10925504	Variance	9.66746691
Skewness	0.62366509	Kurtosis	0.52104916
Uncorrected SS	285601.589	Corrected SS	5133.42493
Coeff Variation	13.5416123	Std Error Mean	0.1348033

Basic Statistical Measures			
Location		Variability	
Mean	22.96074	Std Deviation	3.10926
Median	22.69620	Variance	9.66747
Mode	20.28480	Range	21.42056
		Interquartile Range	4.06066

Note: The mode displayed is the smallest of 7 modes with a count of 4.

Tests for Location: Mu0=0				
Test		Statistic	p Value	
Student's t	t	170.3278	Pr >  t	<.0001
Sign	M	266	Pr >=  M	<.0001
Signed Rank	S	70889	Pr >=  S	<.0001

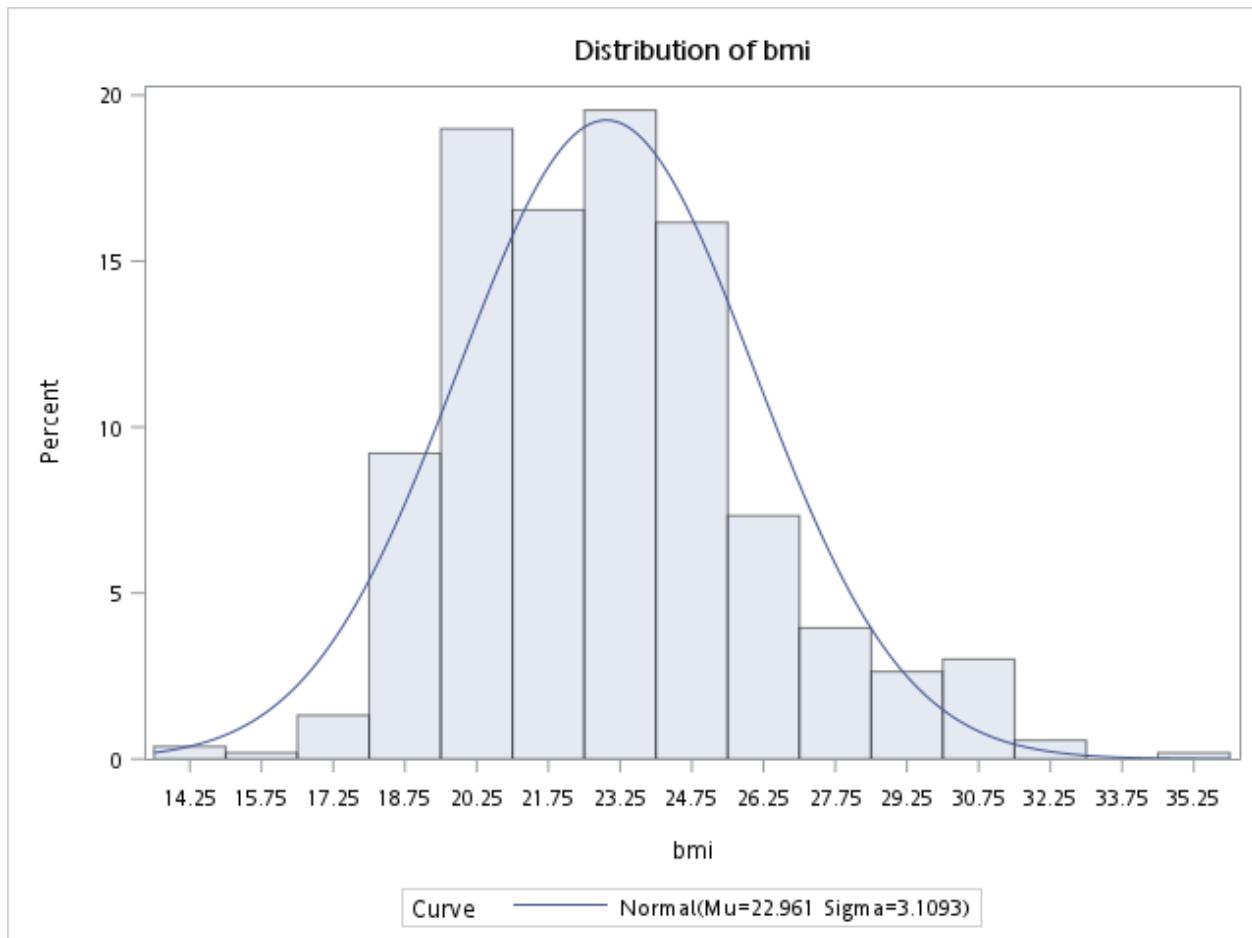
Quantiles (Definition 5)	
Level	Quantile
100% Max	35.1563
99%	31.2500
95%	29.0533
90%	27.0552

75% Q3	24.6126
50% Median	22.6962
25% Q1	20.5519
10%	19.3698
5%	18.5911
1%	17.7778
0% Min	13.7357

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
13.7357	344	31.3912	398
14.9663	135	31.6242	338
16.2278	262	31.6242	524
16.8030	366	32.0867	182
16.9787	446	35.1563	112

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
.	117	18.03	100.00

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**continous in caco****The UNIVARIATE Procedure**

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**Fitted Normal Distribution for bmi**

Parameters for Normal Distribution		
Parameter	Symbol	Estimate
Mean	Mu	22.96074
Std Dev	Sigma	3.109255

Goodness-of-Fit Tests for Normal Distribution				
Test	Statistic		p Value	
Kolmogorov-Smirnov	D	0.05780185	Pr > D	<0.010
Cramer-von Mises	W-Sq	0.47136440	Pr > W-Sq	<0.005
Anderson-Darling	A-Sq	3.61136016	Pr > A-Sq	<0.005

Quantiles for Normal Distribution		
Percent	Quantile	
	Observed	Estimated
1.0	17.7778	15.7275
5.0	18.5911	17.8465
10.0	19.3698	18.9761
25.0	20.5519	20.8636
50.0	22.6962	22.9607
75.0	24.6126	25.0579
90.0	27.0552	26.9454
95.0	29.0533	28.0750
99.0	31.2500	30.1940

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**continous in caco****The MEANS Procedure**

caco	N Obs	Variable	Label	N	Mean	Std Dev	Minimum	Maximum
0	400	age	age	400	73.1650000	5.8573498	65.0000000	91.0000000
		eduyr	eduyr	398	12.6268844	4.0919354	0	25.0000000
		bmi		352	22.9939744	2.9984267	14.9662959	32.0867497
1	249	age	age	249	79.6224900	6.4227777	65.0000000	96.0000000
		eduyr	eduyr	246	7.9593496	5.1204247	0	22.0000000
		bmi		180	22.8957622	3.3230099	13.7356920	35.1562500

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continous in caco

The TTEST Procedure

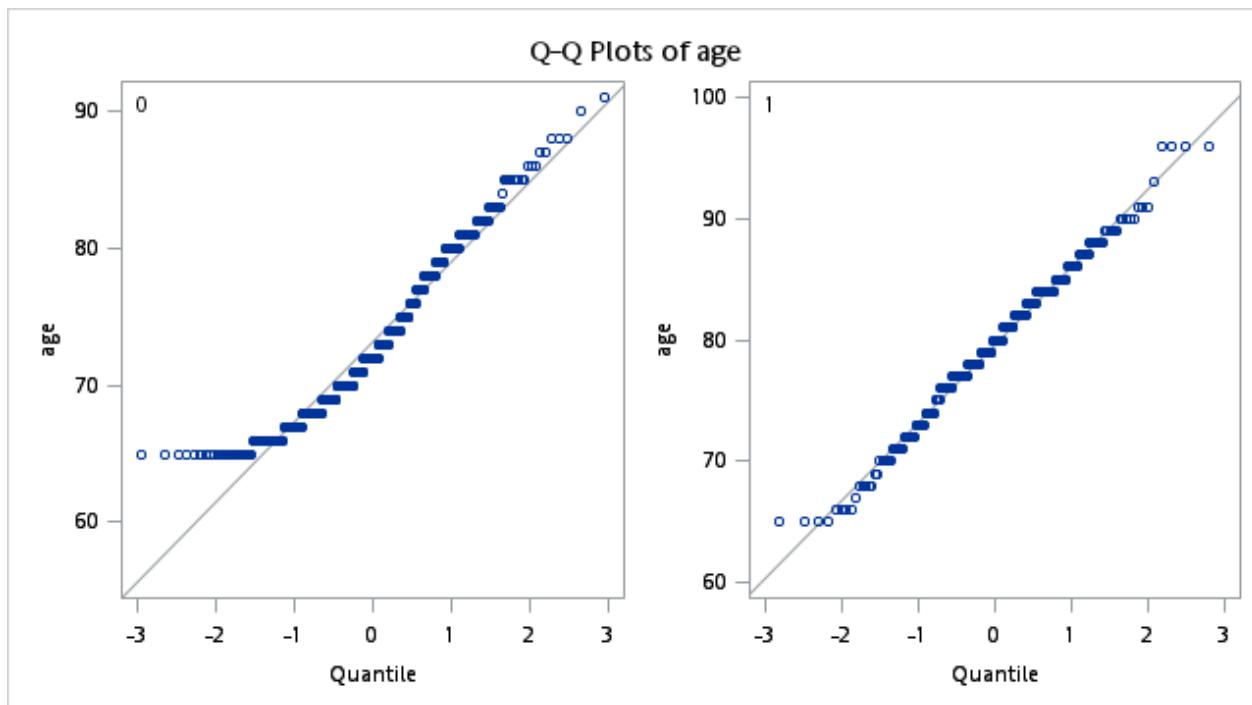
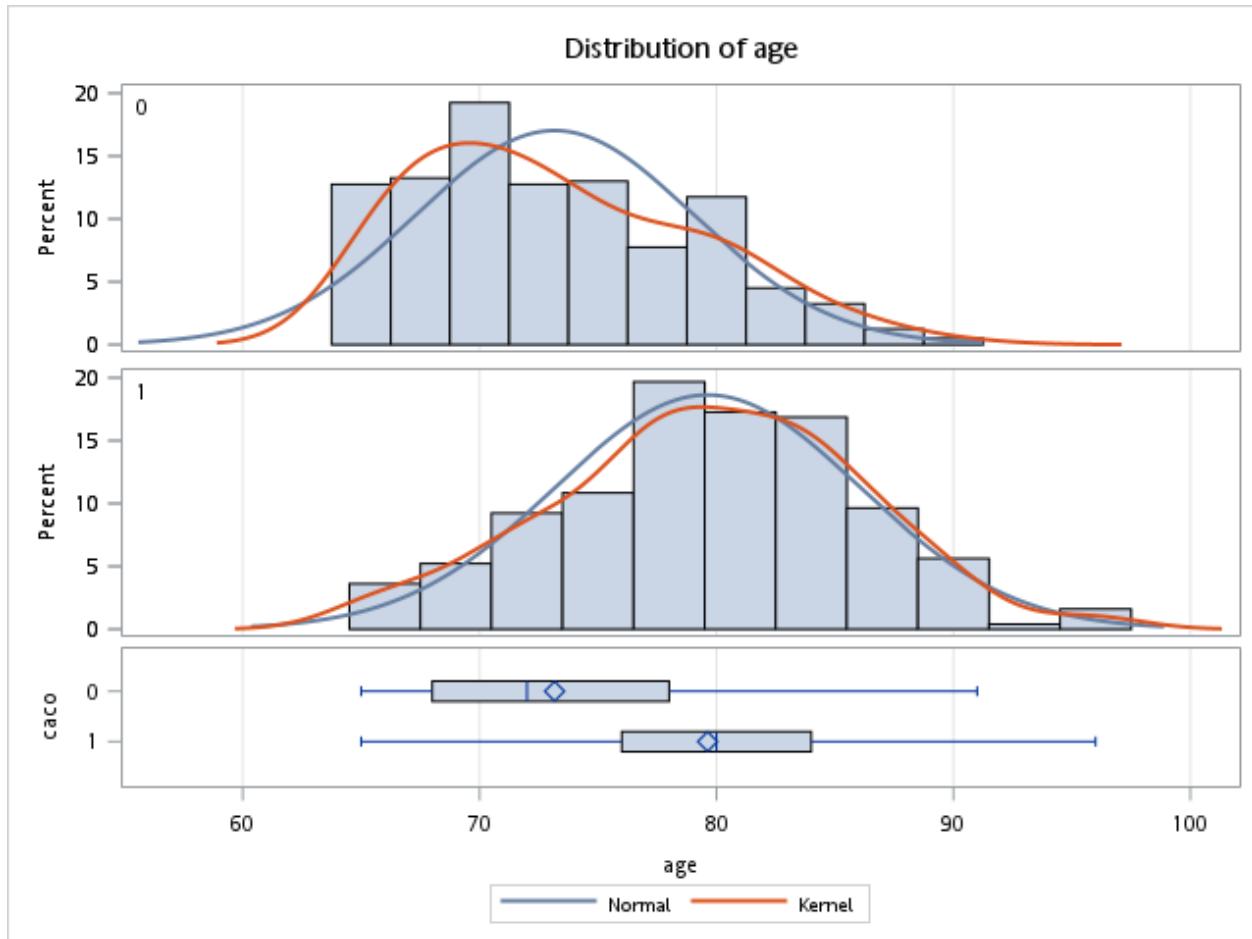
Variable: age (age)

caco	Method	N	Mean	Std Dev	Std Err	Minimum	Maximum
0		400	73.1650	5.8573	0.2929	65.0000	91.0000
1		249	79.6225	6.4228	0.4070	65.0000	96.0000
Diff (1-2)	Pooled		-6.4575	6.0803	0.4908		
Diff (1-2)	Satterthwaite		-6.4575		0.5014		

caco	Method	Mean	95% CL Mean		Std Dev	95% CL Std Dev	
0		73.1650	72.5892	73.7408	5.8573	5.4776	6.2941
1		79.6225	78.8208	80.4242	6.4228	5.9038	7.0425
Diff (1-2)	Pooled	-6.4575	-7.4213	-5.4937	6.0803	5.7663	6.4307
Diff (1-2)	Satterthwaite	-6.4575	-7.4427	-5.4722			

Method	Variances	DF	t Value	Pr >  t
Pooled	Equal	647	-13.16	<.0001
Satterthwaite	Unequal	489.68	-12.88	<.0001

Equality of Variances				
Method	Num DF	Den DF	F Value	Pr > F
Folded F	248	399	1.20	0.1031



Variable: eduyr (eduyr)

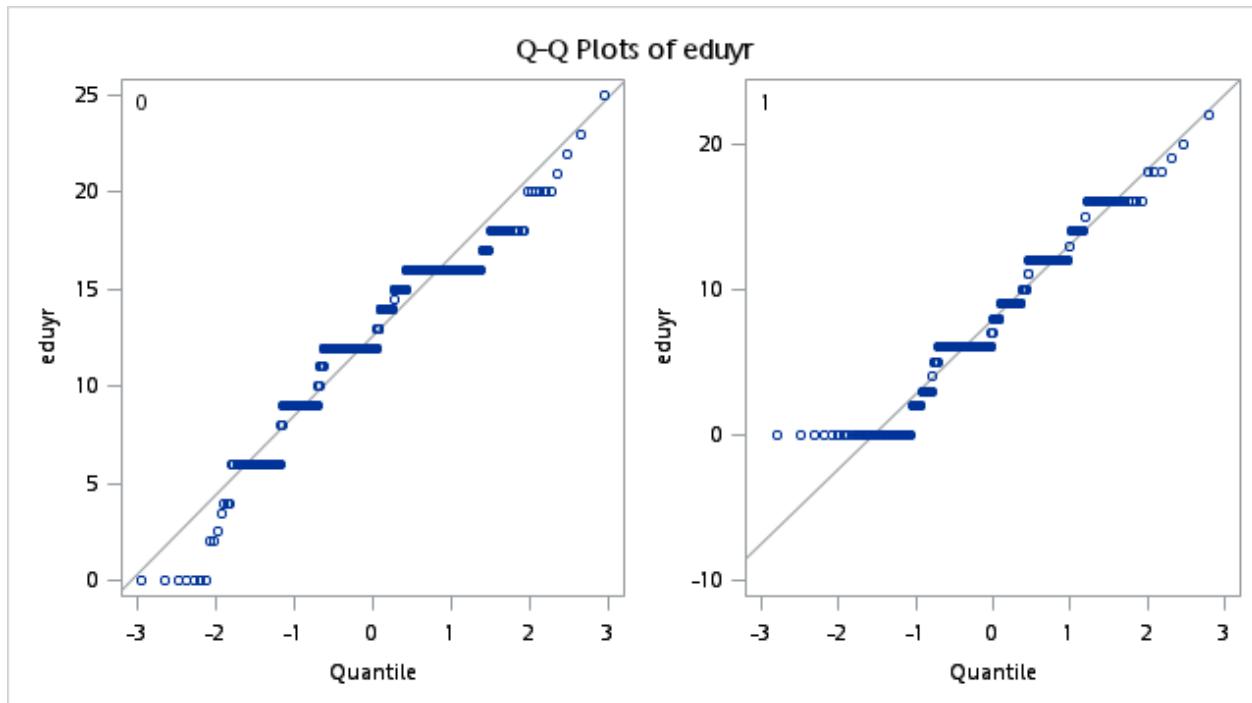
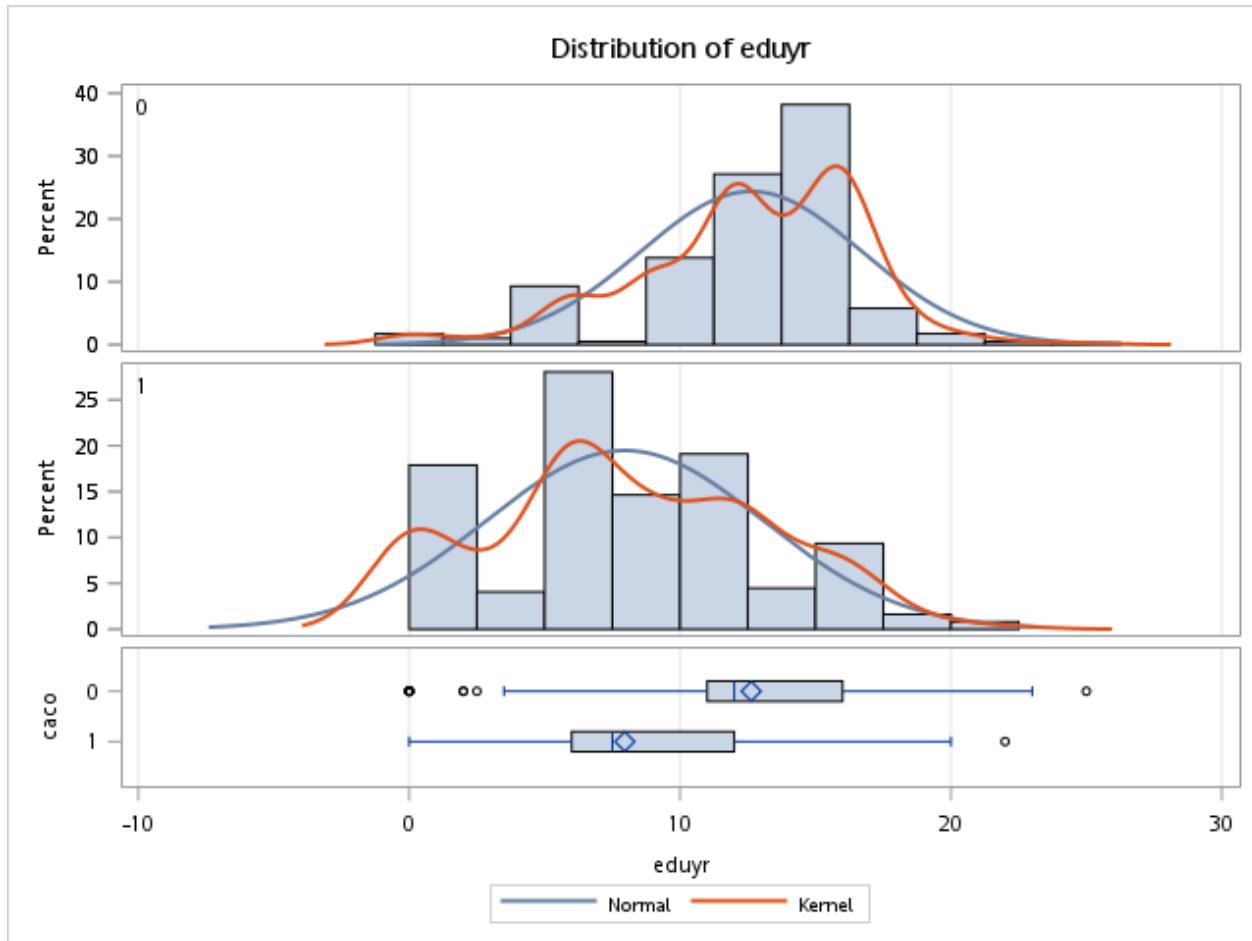
caco	Method	N	Mean	Std Dev	Std Err	Minimum	Maximum

0		398	12.6269	4.0919	0.2051	0	25.0000
1		246	7.9593	5.1204	0.3265	0	22.0000
Diff (1-2)	Pooled		4.6675	4.5122	0.3659		
Diff (1-2)	Satterthwaite		4.6675		0.3856		

caco	Method	Mean	95% CL Mean		Std Dev	95% CL Std Dev	
0		12.6269	12.2236	13.0301	4.0919	3.8260	4.3979
1		7.9593	7.3163	8.6024	5.1204	4.7044	5.6178
Diff (1-2)	Pooled	4.6675	3.9489	5.3861	4.5122	4.2783	4.7733
Diff (1-2)	Satterthwaite	4.6675	3.9098	5.4253			

Method	Variances	DF	t Value	Pr >  t
Pooled	Equal	642	12.75	<.0001
Satterthwaite	Unequal	434.78	12.11	<.0001

Equality of Variances				
Method	Num DF	Den DF	F Value	Pr > F
Folded F	245	397	1.57	<.0001

**Variable: bmi**

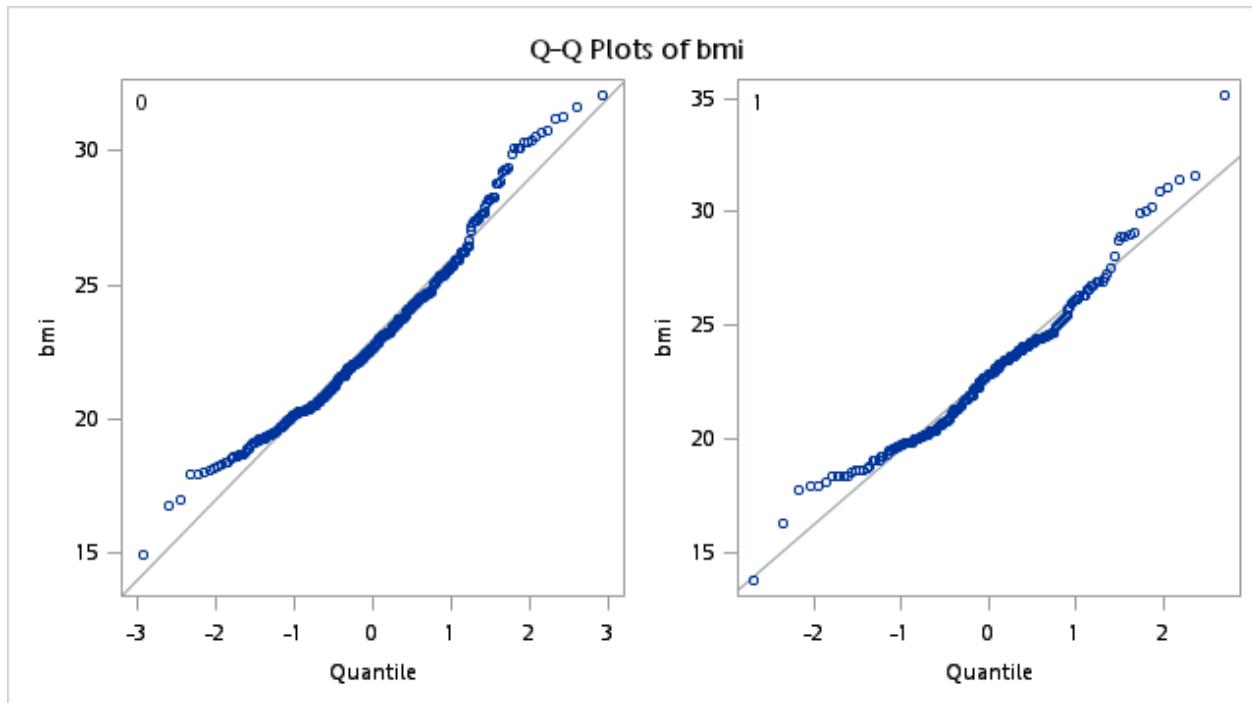
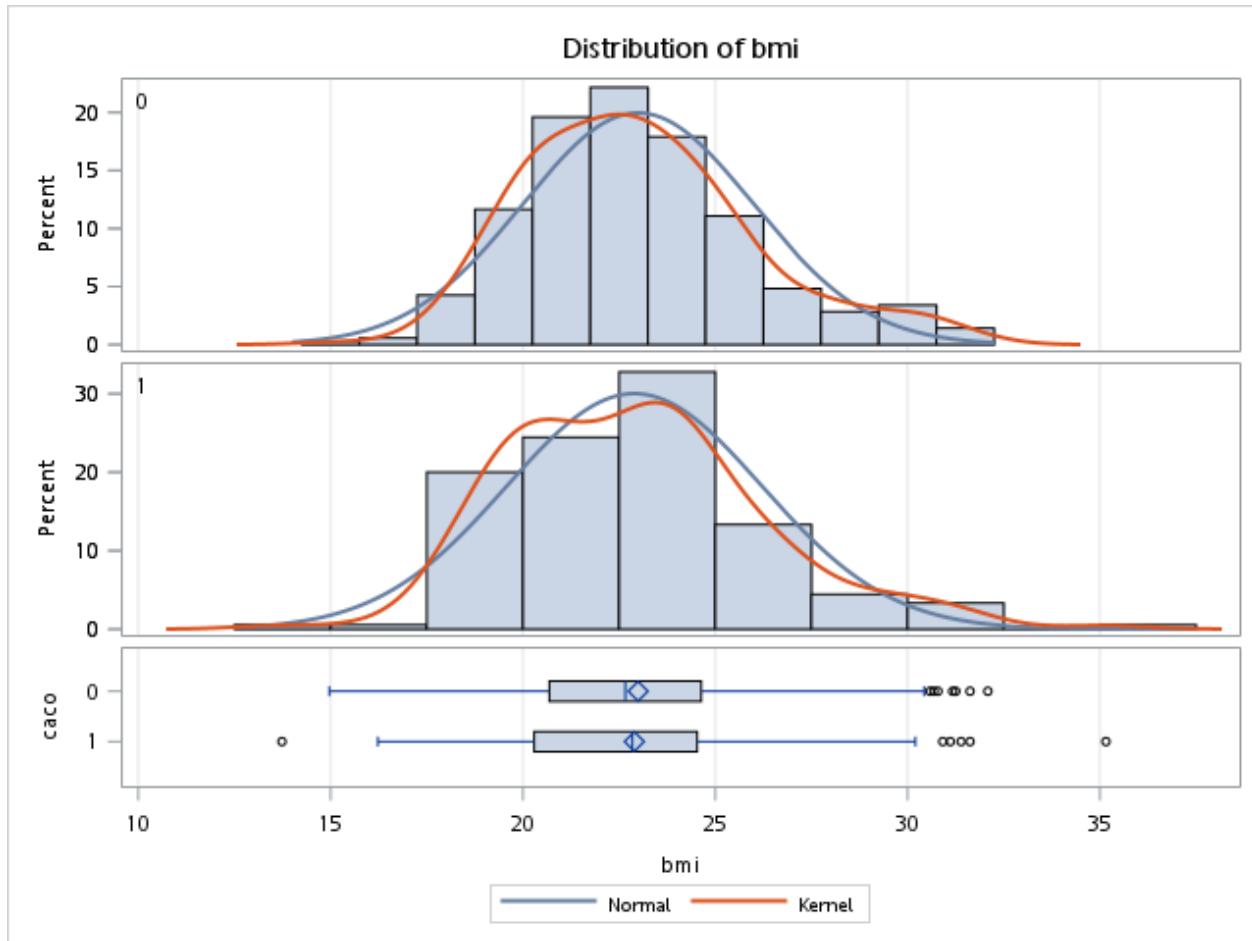
caco	Method	N	Mean	Std Dev	Std Err	Minimum	Maximum

0		352	22.9940	2.9984	0.1598	14.9663	32.0867
1		180	22.8958	3.3230	0.2477	13.7357	35.1563
Diff (1-2)	Pooled		0.0982	3.1118	0.2851		
Diff (1-2)	Satterthwaite		0.0982		0.2948		

caco	Method	Mean	95% CL Mean		Std Dev	95% CL Std Dev	
0		22.9940	22.6797	23.3083	2.9984	2.7921	3.2380
1		22.8958	22.4070	23.3845	3.3230	3.0115	3.7069
Diff (1-2)	Pooled	0.0982	-0.4619	0.6584	3.1118	2.9353	3.3112
Diff (1-2)	Satterthwaite	0.0982	-0.4816	0.6781			

Method	Variances	DF	t Value	Pr >  t
Pooled	Equal	530	0.34	0.7307
Satterthwaite	Unequal	329.92	0.33	0.7392

Equality of Variances				
Method	Num DF	Den DF	F Value	Pr > F
Folded F	179	351	1.23	0.1071



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## basic in caco

### The FREQ Procedure

Frequency Row Pct	Table of sexbi by caco			
	caco(caco)			
sexbi	1	0	Total	
1	155 42.58	209 57.42	364	
0	94 32.98	191 67.02	285	
Total	249	400	649	

### Statistics for Table of sexbi by caco

Statistic	DF	Value	Prob
Chi-Square	1	6.2297	0.0126
Likelihood Ratio Chi-Square	1	6.2670	0.0123
Continuity Adj. Chi-Square	1	5.8304	0.0158
Mantel-Haenszel Chi-Square	1	6.2202	0.0126
Phi Coefficient		0.0980	
Contingency Coefficient		0.0975	
Cramer's V		0.0980	

Fisher's Exact Test	
Cell (1,1) Frequency (F)	155
Left-sided Pr <= F	0.9951
Right-sided Pr >= F	0.0078
Table Probability (P)	0.0029
Two-sided Pr <= P	0.0146

Odds Ratio and Relative Risks		
Statistic	Value	95% Confidence Limits

Odds Ratio	1.5069	1.0913	2.0809
Relative Risk (Column 1)	1.2911	1.0528	1.5832
Relative Risk (Column 2)	0.8568	0.7597	0.9662

Sample Size = 649

Frequency Row Pct	Table of apo4car by caco			
	caco(caco)			Total
apo4car(apo4car)	1	0		
1	97	60	157	
	61.78	38.22		
0	142	311	453	
	31.35	68.65		
Total	239	371	610	
Frequency Missing = 39				

## Statistics for Table of apo4car by caco

Statistic	DF	Value	Prob
Chi-Square	1	45.3269	<.0001
Likelihood Ratio Chi-Square	1	44.6103	<.0001
Continuity Adj. Chi-Square	1	44.0586	<.0001
Mantel-Haenszel Chi-Square	1	45.2526	<.0001
Phi Coefficient		0.2726	
Contingency Coefficient		0.2630	
Cramer's V		0.2726	

Fisher's Exact Test	
Cell (1,1) Frequency (F)	97
Left-sided Pr <= F	1.0000
Right-sided Pr >= F	<.0001
Table Probability (P)	<.0001

Two-sided Pr <= P	<.0001
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Odds Ratio and Relative Risks			
Statistic	Value	95% Confidence Limits	
Odds Ratio	3.5407	2.4257	5.1682
Relative Risk (Column 1)	1.9710	1.6404	2.3682
Relative Risk (Column 2)	0.5567	0.4519	0.6856

Sample Size = 610  
Frequency Missing = 39

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## abc in caco

### The FREQ Procedure

Frequency Row Pct	Table of alcohol by caco			
	caco(caco)			
alcohol(alcohol)	1	0	Total	
1	32	40	72	
	44.44	55.56		
0	217	359	576	
	37.67	62.33		
Total	249	399	648	
Frequency Missing = 1				

### Statistics for Table of alcohol by caco

Statistic	DF	Value	Prob
Chi-Square	1	1.2401	0.2655
Likelihood Ratio Chi-Square	1	1.2220	0.2690
Continuity Adj. Chi-Square	1	0.9704	0.3246
Mantel-Haenszel Chi-Square	1	1.2381	0.2658
Phi Coefficient		0.0437	
Contingency Coefficient		0.0437	
Cramer's V		0.0437	

Fisher's Exact Test	
Cell (1,1) Frequency (F)	32
Left-sided Pr <= F	0.8923
Right-sided Pr >= F	0.1622
Table Probability (P)	0.0545
Two-sided Pr <= P	0.3041

### Odds Ratio and Relative Risks

Statistic	Value	95% Confidence Limits	
Odds Ratio	1.3235	0.8072	2.1700
Relative Risk (Column 1)	1.1797	0.8927	1.5590
Relative Risk (Column 2)	0.8914	0.7181	1.1064

Sample Size = 648  
 Frequency Missing = 1

Frequency Row Pct	Table of smkbi by caco			
	smkbi	caco(caco)		
		1	0	Total
	1	58	71	129
		44.96	55.04	
	0	191	328	519
		36.80	63.20	
	Total	249	399	648
Frequency Missing = 1				

#### Statistics for Table of smkbi by caco

Statistic	DF	Value	Prob
Chi-Square	1	2.9074	0.0882
Likelihood Ratio Chi-Square	1	2.8691	0.0903
Continuity Adj. Chi-Square	1	2.5728	0.1087
Mantel-Haenszel Chi-Square	1	2.9029	0.0884
Phi Coefficient		0.0670	
Contingency Coefficient		0.0668	
Cramer's V		0.0670	

Fisher's Exact Test	
Cell (1,1) Frequency (F)	58
Left-sided Pr <= F	0.9639
Right-sided Pr >= F	0.0550

Table Probability (P)	0.0189
Two-sided Pr <= P	0.1054

Odds Ratio and Relative Risks			
Statistic	Value	95% Confidence Limits	
Odds Ratio	1.4028	0.9497	2.0721
Relative Risk (Column 1)	1.2217	0.9788	1.5250
Relative Risk (Column 2)	0.8709	0.7353	1.0315

Sample Size = 648  
 Frequency Missing = 1

Frequency Row Pct	Table of ets by caco			
	caco(caco)			Total
ets(ets)	1	0		
1	74 43.02	98 56.98		172
0	147 33.41	293 66.59		440
Total	221	391		612
Frequency Missing = 37				

#### Statistics for Table of ets by caco

Statistic	DF	Value	Prob
Chi-Square	1	4.9543	0.0260
Likelihood Ratio Chi-Square	1	4.8868	0.0271
Continuity Adj. Chi-Square	1	4.5464	0.0330
Mantel-Haenszel Chi-Square	1	4.9463	0.0261
Phi Coefficient		0.0900	
Contingency Coefficient		0.0896	
Cramer's V		0.0900	

Fisher's Exact Test

Cell (1,1) Frequency (F)	74
Left-sided Pr <= F	0.9894
Right-sided Pr >= F	0.0169
Table Probability (P)	0.0064
Two-sided Pr <= P	0.0312

Odds Ratio and Relative Risks			
Statistic	Value	95% Confidence Limits	
Odds Ratio	1.5051	1.0490	2.1595
Relative Risk (Column 1)	1.2878	1.0368	1.5995
Relative Risk (Column 2)	0.8556	0.7396	0.9899

Sample Size = 612  
Frequency Missing = 37

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## drink in caco

### The FREQ Procedure

Frequency Row Pct	Table of coffeebi by caco			
	caco(caco)			Total
coffeebi	1	0		
1	47	127	174	
	27.01	72.99		
0	202	272	474	
	42.62	57.38		
Total	249	399	648	
Frequency Missing = 1				

### Statistics for Table of coffeebi by caco

Statistic	DF	Value	Prob
Chi-Square	1	13.0988	0.0003
Likelihood Ratio Chi-Square	1	13.5377	0.0002
Continuity Adj. Chi-Square	1	12.4476	0.0004
Mantel-Haenszel Chi-Square	1	13.0786	0.0003
Phi Coefficient		-0.1422	
Contingency Coefficient		0.1408	
Cramer's V		-0.1422	

Fisher's Exact Test	
Cell (1,1) Frequency (F)	47
Left-sided Pr <= F	0.0002
Right-sided Pr >= F	0.9999
Table Probability (P)	<.0001
Two-sided Pr <= P	0.0003

### Odds Ratio and Relative Risks

Statistic	Value	95% Confidence Limits	
Odds Ratio	0.4983	0.3405	0.7294
Relative Risk (Column 1)	0.6338	0.4860	0.8267
Relative Risk (Column 2)	1.2719	1.1291	1.4328

Sample Size = 648  
 Frequency Missing = 1

Frequency Row Pct	Table of tea by caco			
	tea(tea)	caco(caco)		
		1	0	Total
3	27	56	83	
	32.53	67.47		
2	18	41	59	
	30.51	69.49		
1	20	40	60	
	33.33	66.67		
0	184	262	446	
	41.26	58.74		
Total	249	399	648	
Frequency Missing = 1				

#### Statistics for Table of tea by caco

Statistic	DF	Value	Prob
Chi-Square	3	4.9495	0.1755
Likelihood Ratio Chi-Square	3	5.0262	0.1699
Mantel-Haenszel Chi-Square	1	4.0627	0.0438
Phi Coefficient		0.0874	
Contingency Coefficient		0.0871	
Cramer's V		0.0874	

Sample Size = 648

**Frequency Missing = 1**

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**disease**
**The FREQ Procedure**

	Frequency			Table of dmbi by caco		
	Row Pct	caco(caco)				
dmbi		1	0	Total		
1		47	58	105		
		44.76	55.24			
0		202	341	543		
		37.20	62.80			
Total		249	399	648		
Frequency Missing = 1						

**Statistics for Table of dmbi by caco**

Statistic	DF	Value	Prob
Chi-Square	1	2.1260	0.1448
Likelihood Ratio Chi-Square	1	2.0965	0.1476
Continuity Adj. Chi-Square	1	1.8185	0.1775
Mantel-Haenszel Chi-Square	1	2.1228	0.1451
Phi Coefficient		0.0573	
Contingency Coefficient		0.0572	
Cramer's V		0.0573	

Fisher's Exact Test	
Cell (1,1) Frequency (F)	47
Left-sided Pr <= F	0.9407
Right-sided Pr >= F	0.0894
Table Probability (P)	0.0301
Two-sided Pr <= P	0.1550

**Odds Ratio and Relative Risks**

Statistic	Value	95% Confidence Limits	
Odds Ratio	1.3680	0.8968	2.0866
Relative Risk (Column 1)	1.2033	0.9475	1.5280
Relative Risk (Column 2)	0.8796	0.7318	1.0572

Sample Size = 648  
 Frequency Missing = 1

Frequency Row Pct	Table of cholbi by caco			
	caco(caco)			
cholbi	1	0	Total	
1	42	122	164	
	25.61	74.39		
0	204	276	480	
	42.50	57.50		
Total	246	398	644	
Frequency Missing = 5				

#### Statistics for Table of cholbi by caco

Statistic	DF	Value	Prob
Chi-Square	1	14.7715	0.0001
Likelihood Ratio Chi-Square	1	15.3658	<.0001
Continuity Adj. Chi-Square	1	14.0647	0.0002
Mantel-Haenszel Chi-Square	1	14.7486	0.0001
Phi Coefficient		-0.1515	
Contingency Coefficient		0.1497	
Cramer's V		-0.1515	

Fisher's Exact Test	
Cell (1,1) Frequency (F)	42
Left-sided Pr <= F	<.0001
Right-sided Pr >= F	1.0000

Table Probability (P)	<.0001
Two-sided Pr <= P	0.0001

Odds Ratio and Relative Risks			
Statistic	Value	95% Confidence Limits	
Odds Ratio	0.4658	0.3139	0.6911
Relative Risk (Column 1)	0.6026	0.4550	0.7980
Relative Risk (Column 2)	1.2937	1.1495	1.4561

Sample Size = 644  
 Frequency Missing = 5

Frequency Row Pct	Table of cvdbi by caco			
	cvdbi	caco(caco)		
		1	0	Total
	1	55 31.61	119 68.39	174
	0	194 40.93	280 59.07	474
	Total	249	399	648
Frequency Missing = 1				

#### Statistics for Table of cvdbi by caco

Statistic	DF	Value	Prob
Chi-Square	1	4.6717	0.0307
Likelihood Ratio Chi-Square	1	4.7530	0.0292
Continuity Adj. Chi-Square	1	4.2861	0.0384
Mantel-Haenszel Chi-Square	1	4.6645	0.0308
Phi Coefficient		-0.0849	
Contingency Coefficient		0.0846	
Cramer's V		-0.0849	

Fisher's Exact Test

Cell (1,1) Frequency (F)	55
Left-sided Pr <= F	0.0186
Right-sided Pr >= F	0.9884
Table Probability (P)	0.0070
Two-sided Pr <= P	0.0360

Odds Ratio and Relative Risks			
Statistic	Value	95% Confidence Limits	
Odds Ratio	0.6671	0.4616	0.9641
Relative Risk (Column 1)	0.7723	0.6052	0.9856
Relative Risk (Column 2)	1.1578	1.0209	1.3129

Sample Size = 648  
Frequency Missing = 1

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## habbit in caco

### The FREQ Procedure

Frequency Row Pct	Table of exbi by caco			
	caco(caco)			
exbi	1	0	Total	
1	105 47.51	116 52.49	221	
0	144 33.72	283 66.28	427	
Total	249	399	648	
Frequency Missing = 1				

### Statistics for Table of exbi by caco

Statistic	DF	Value	Prob
Chi-Square	1	11.7005	0.0006
Likelihood Ratio Chi-Square	1	11.5919	0.0007
Continuity Adj. Chi-Square	1	11.1250	0.0009
Mantel-Haenszel Chi-Square	1	11.6824	0.0006
Phi Coefficient		0.1344	
Contingency Coefficient		0.1332	
Cramer's V		0.1344	

Fisher's Exact Test	
Cell (1,1) Frequency (F)	105
Left-sided Pr <= F	0.9998
Right-sided Pr >= F	0.0004
Table Probability (P)	0.0002
Two-sided Pr <= P	0.0009

### Odds Ratio and Relative Risks

Statistic	Value	95% Confidence Limits	
Odds Ratio	1.7789	1.2769	2.4784
Relative Risk (Column 1)	1.4088	1.1627	1.7071
Relative Risk (Column 2)	0.7920	0.6868	0.9133

Sample Size = 648  
 Frequency Missing = 1

Frequency Row Pct	Table of lsrb by caco			
	lsrb	caco(caco)		
		1	0	Total
	1	21	32	53
		39.62	60.38	
	0	228	367	595
		38.32	61.68	
	Total	249	399	648
Frequency Missing = 1				

#### Statistics for Table of lsrb by caco

Statistic	DF	Value	Prob
Chi-Square	1	0.0349	0.8517
Likelihood Ratio Chi-Square	1	0.0348	0.8520
Continuity Adj. Chi-Square	1	0.0016	0.9684
Mantel-Haenszel Chi-Square	1	0.0349	0.8518
Phi Coefficient		0.0073	
Contingency Coefficient		0.0073	
Cramer's V		0.0073	

Fisher's Exact Test	
Cell (1,1) Frequency (F)	21
Left-sided Pr <= F	0.6340
Right-sided Pr >= F	0.4804

Table Probability (P)	0.1144
Two-sided Pr <= P	0.8833

Odds Ratio and Relative Risks			
Statistic	Value	95% Confidence Limits	
Odds Ratio	1.0563	0.5946	1.8767
Relative Risk (Column 1)	1.0340	0.7304	1.4638
Relative Risk (Column 2)	0.9789	0.7800	1.2284

Sample Size = 648  
 Frequency Missing = 1

Frequency Row Pct	Table of corpbi by caco			
	corpbi	caco(caco)		
		1	0	Total
	1	173	194	367
		47.14	52.86	
	0	76	205	281
		27.05	72.95	
	Total	249	399	648
Frequency Missing = 1				

#### Statistics for Table of corpbi by caco

Statistic	DF	Value	Prob
Chi-Square	1	27.1551	<.0001
Likelihood Ratio Chi-Square	1	27.6621	<.0001
Continuity Adj. Chi-Square	1	26.3126	<.0001
Mantel-Haenszel Chi-Square	1	27.1132	<.0001
Phi Coefficient		0.2047	
Contingency Coefficient		0.2006	
Cramer's V		0.2047	

Fisher's Exact Test

Cell (1,1) Frequency (F)	173
Left-sided Pr <= F	1.0000
Right-sided Pr >= F	<.0001
Table Probability (P)	<.0001
Two-sided Pr <= P	<.0001

Odds Ratio and Relative Risks			
Statistic	Value	95% Confidence Limits	
Odds Ratio	2.4054	1.7231	3.3579
Relative Risk (Column 1)	1.7429	1.3980	2.1728
Relative Risk (Column 2)	0.7246	0.6426	0.8170

Sample Size = 648  
Frequency Missing = 1