The UNIVARIATE Procedure
Variable: Score
wesson = Ruger_Smith

Moments			
N	140	**Sum Weights**	140
Mean	62.3357143	**Sum Observations**	8727
Std Deviation	16.6783411	**Variance**	278.167061
Skewness	-0.0772422	**Kurtosis**	-0.7741772
Uncorrected SS	582669	**Corrected SS**	38665.2214
Coeff Variation	26.7556749	**Std Error Mean**	1.40957709

Basic Statistical Measures			
Location		**Variability**	
Mean	62.33571	**Std Deviation**	16.67834
Median	64.00000	**Variance**	278.16706
Mode	48.00000	**Range**	65.00000
		Interquartile Range	23.50000

Note: The mode displayed is the smallest of 5 modes with a count of 5.

Tests for Location: Mu0=0				
Test	**Statistic**		**p Value**	
Student's t	**t**	44.22299	**Pr > |t|**	<.0001
Sign	**M**	70	**Pr >= |M|**	<.0001
Signed Rank	**S**	4935	**Pr >= |S|**	<.0001

Tests for Normality				
Test	**Statistic**		**p Value**	
Shapiro-Wilk	**W**	0.979972	**Pr < W**	0.0377
Kolmogorov-Smirnov	**D**	0.049173	**Pr > D**	>0.1500
Cramer-von Mises	**W-Sq**	0.059478	**Pr > W-Sq**	>0.2500
Anderson-Darling	**A-Sq**	0.47798	**Pr > A-Sq**	0.2384

Quantiles (Definition 5)	
Level	**Quantile**
100% Max	95.0
99%	95.0
95%	90.0
90%	84.5
75% Q3	74.0
50% Median	64.0
25% Q1	50.5
10%	38.5
5%	33.5
1%	30.0
0% Min	30.0

Extreme Observations			
Lowest		**Highest**	
Value	**Obs**	**Value**	**Obs**
30	54	91	114

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
30	48	92	109
30	21	95	100
32	44	95	119
32	29	95	133

The UNIVARIATE Procedure
Variable: Score
wesson = Wesson

Moments			
N	76	Sum Weights	76
Mean	70.6842105	Sum Observations	5372
Std Deviation	14.3556823	Variance	206.085614
Skewness	-0.0458818	Kurtosis	-1.2523385
Uncorrected SS	395172	Corrected SS	15456.4211
Coeff Variation	20.3096026	Std Error Mean	1.64670969

Basic Statistical Measures			
Location		Variability	
Mean	70.68421	Std Deviation	14.35568
Median	70.00000	Variance	206.08561
Mode	83.00000	Range	49.00000
		Interquartile Range	25.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	42.92451	Pr > |t|	<.0001
Sign	M	38	Pr >= |M|	<.0001
Signed Rank	S	1463	Pr >= |S|	<.0001

Tests for Normality				
Test	Statistic		p Value	
Shapiro-Wilk	W	0.947093	Pr < W	0.0032
Kolmogorov-Smirnov	D	0.113671	Pr > D	0.0164
Cramer-von Mises	W-Sq	0.195824	Pr > W-Sq	0.0058
Anderson-Darling	A-Sq	1.215934	Pr > A-Sq	<0.0050

Quantiles (Definition 5)	
Level	Quantile
100% Max	94
99%	94
95%	93
90%	89
75% Q3	83
50% Median	70
25% Q1	58
10%	52

Quantiles (Definition 5)	
Level	Quantile
5%	47
1%	45
0% Min	45

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
45	207	91	214
45	187	93	151
46	154	93	160
47	199	93	198
48	170	94	213

The UNIVARIATE Procedure
Variable: Score
Gender = Female

Moments			
N	96	Sum Weights	96
Mean	67.65625	Sum Observations	6495
Std Deviation	16.0655422	Variance	258.101645
Skewness	-0.3990233	Kurtosis	-0.4181663
Uncorrected SS	463947	Corrected SS	24519.6563
Coeff Variation	23.745836	Std Error Mean	1.63968253

Basic Statistical Measures			
Location		Variability	
Mean	67.65625	Std Deviation	16.06554
Median	68.00000	Variance	258.10164
Mode	83.00000	Range	65.00000
		Interquartile Range	26.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	41.2618	Pr > |t|	<.0001
Sign	M	48	Pr >= |M|	<.0001
Signed Rank	S	2328	Pr >= |S|	<.0001

Tests for Normality				
Test	Statistic		p Value	
Shapiro-Wilk	W	0.967004	Pr < W	0.0161
Kolmogorov-Smirnov	D	0.105692	Pr > D	<0.0100
Cramer-von Mises	W-Sq	0.081501	Pr > W-Sq	0.2034
Anderson-Darling	A-Sq	0.696315	Pr > A-Sq	0.0707

Quantiles (Definition 5)	
Level	Quantile

Quantiles (Definition 5)	
Level	Quantile
100% Max	95.0
99%	95.0
95%	91.0
90%	88.0
75% Q3	82.5
50% Median	68.0
25% Q1	56.5
10%	48.0
5%	36.0
1%	30.0
0% Min	30.0

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
30	54	91	165
30	48	92	109
30	21	93	160
34	3	93	198
36	37	95	133

The UNIVARIATE Procedure
Variable: Score
Gender = Male

Moments			
N	120	Sum Weights	120
Mean	63.3666667	Sum Observations	7604
Std Deviation	16.4121974	Variance	269.360224
Skewness	0.0408478	Kurtosis	-0.8312694
Uncorrected SS	513894	Corrected SS	32053.8667
Coeff Variation	25.9003642	Std Error Mean	1.49822179

Basic Statistical Measures			
Location		Variability	
Mean	63.36667	Std Deviation	16.41220
Median	62.50000	Variance	269.36022
Mode	48.00000	Range	63.00000
		Interquartile Range	25.50000

Note: The mode displayed is the smallest of 2 modes with a count of 5.

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	42.29458	Pr > |t|	<.0001
Sign	M	60	Pr >= |M|	<.0001
Signed Rank	S	3630	Pr >= |S|	<.0001

Tests for Normality				
Test	Statistic		p Value	
Shapiro-Wilk	W	0.978317	Pr < W	0.0497
Kolmogorov-Smirnov	D	0.054589	Pr > D	>0.1500
Cramer-von Mises	W-Sq	0.06287	Pr > W-Sq	>0.2500
Anderson-Darling	A-Sq	0.480699	Pr > A-Sq	0.2349

Quantiles (Definition 5)	
Level	Quantile
100% Max	95.0
99%	95.0
95%	90.5
90%	87.0
75% Q3	76.5
50% Median	62.5
25% Q1	51.0
10%	41.5
5%	35.0
1%	32.0
0% Min	32.0

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
32	44	91	214
32	29	93	151
33	66	94	213
33	33	95	100
34	56	95	119

The UNIVARIATE Procedure
Variable: Score
Freeredu = Free lunch

Moments			
N	104	Sum Weights	104
Mean	66.0288462	Sum Observations	6867
Std Deviation	15.6313456	Variance	244.338966
Skewness	-0.2742648	Kurtosis	-0.4171907
Uncorrected SS	478587	Corrected SS	25166.9135
Coeff Variation	23.6735102	Std Error Mean	1.53277954

Basic Statistical Measures			
Location		Variability	
Mean	66.02885	Std Deviation	15.63135
Median	67.00000	Variance	244.33897
Mode	68.00000	Range	65.00000
		Interquartile Range	20.00000

Note: The mode displayed is the smallest of 2 modes with a count of 5.

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	43.07785	Pr > |t|	<.0001
Sign	M	52	Pr >= |M|	<.0001
Signed Rank	S	2730	Pr >= |S|	<.0001

Tests for Normality				
Test	Statistic		p Value	
Shapiro-Wilk	W	0.982047	Pr < W	0.1716
Kolmogorov-Smirnov	D	0.050684	Pr > D	>0.1500
Cramer-von Mises	W-Sq	0.03688	Pr > W-Sq	>0.2500
Anderson-Darling	A-Sq	0.31854	Pr > A-Sq	>0.2500

Quantiles (Definition 5)	
Level	Quantile
100% Max	95
99%	94
95%	91
90%	87
75% Q3	77
50% Median	67
25% Q1	57
10%	44
5%	39
1%	30
0% Min	30

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
30	54	92	109
30	48	93	151
32	44	93	160
34	3	94	213
36	37	95	119

The UNIVARIATE Procedure
Variable: Score
Freeredu = Paid lunch

Moments			
N	112	Sum Weights	112
Mean	64.5714286	Sum Observations	7232
Std Deviation	17.0514401	Variance	290.751609
Skewness	-0.0437476	Kurtosis	-0.9641781
Uncorrected SS	499254	Corrected SS	32273.4286
Coeff Variation	26.4070975	Std Error Mean	1.61120964

Basic Statistical Measures			
Location		Variability	
Mean	64.57143	Std Deviation	17.05144
Median	64.00000	Variance	290.75161
Mode	48.00000	Range	65.00000
		Interquartile Range	28.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	40.07637	Pr > |t|	<.0001
Sign	M	56	Pr >= |M|	<.0001
Signed Rank	S	3164	Pr >= |S|	<.0001

Tests for Normality				
Test	Statistic		p Value	
Shapiro-Wilk	W	0.966829	Pr < W	0.0069
Kolmogorov-Smirnov	D	0.088086	Pr > D	0.0319
Cramer-von Mises	W-Sq	0.15136	Pr > W-Sq	0.0230
Anderson-Darling	A-Sq	1.007012	Pr > A-Sq	0.0120

Quantiles (Definition 5)	
Level	Quantile
100% Max	95.0
99%	95.0
95%	91.0
90%	87.0
75% Q3	79.5
50% Median	64.0
25% Q1	51.5
10%	45.0
5%	34.0
1%	32.0
0% Min	30.0

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
30	21	91	165
32	29	91	214
33	66	93	198
33	33	95	100
34	56	95	133

The UNIVARIATE Procedure
Variable: Score
Ethnic = African-American

Moments			
N	52	Sum Weights	52

Moments			
Mean	66.2307692	Sum Observations	3444
Std Deviation	16.8087458	Variance	282.533937
Skewness	-0.2312476	Kurtosis	-0.7930389
Uncorrected SS	242508	Corrected SS	14409.2308
Coeff Variation	25.3790588	Std Error Mean	2.33095365

Basic Statistical Measures			
Location		Variability	
Mean	66.23077	Std Deviation	16.80875
Median	67.00000	Variance	282.53394
Mode	68.00000	Range	63.00000
		Interquartile Range	25.50000

Note: The mode displayed is the smallest of 3 modes with a count of 3.

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	28.41359	Pr > |t|	<.0001
Sign	M	26	Pr >= |M|	<.0001
Signed Rank	S	689	Pr >= |S|	<.0001

Tests for Normality				
Test	Statistic		p Value	
Shapiro-Wilk	W	0.971567	Pr < W	0.2460
Kolmogorov-Smirnov	D	0.066062	Pr > D	>0.1500
Cramer-von Mises	W-Sq	0.037962	Pr > W-Sq	>0.2500
Anderson-Darling	A-Sq	0.320086	Pr > A-Sq	>0.2500

Quantiles (Definition 5)	
Level	Quantile
100% Max	95.0
99%	95.0
95%	91.0
90%	89.0
75% Q3	80.0
50% Median	67.0
25% Q1	54.5
10%	44.0
5%	36.0
1%	32.0
0% Min	32.0

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
32	44	89	190
34	3	89	204
36	46	91	114
38	65	93	151

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
39	35	95	119

The UNIVARIATE Procedure
Variable: Score
Ethnic = Asian

Moments			
N	53	Sum Weights	53
Mean	65.6981132	Sum Observations	3482
Std Deviation	17.8515081	Variance	318.676343
Skewness	-0.2362022	Kurtosis	-0.8580478
Uncorrected SS	245332	Corrected SS	16571.1698
Coeff Variation	27.1720256	Std Error Mean	2.45209322

Basic Statistical Measures			
Location		Variability	
Mean	65.69811	Std Deviation	17.85151
Median	66.00000	Variance	318.67634
Mode	85.00000	Range	65.00000
		Interquartile Range	29.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	26.79267	Pr > |t|	<.0001
Sign	M	26.5	Pr >= |M|	<.0001
Signed Rank	S	715.5	Pr >= |S|	<.0001

Tests for Normality				
Test	Statistic		p Value	
Shapiro-Wilk	W	0.962678	Pr < W	0.0964
Kolmogorov-Smirnov	D	0.102449	Pr > D	>0.1500
Cramer-von Mises	W-Sq	0.064182	Pr > W-Sq	>0.2500
Anderson-Darling	A-Sq	0.496812	Pr > A-Sq	0.2124

Quantiles (Definition 5)	
Level	Quantile
100% Max	95
99%	95
95%	93
90%	87
75% Q3	82
50% Median	66
25% Q1	53
10%	42
5%	33
1%	30

Quantiles (Definition 5)	
Level	Quantile
0% Min	30

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
30	54	87	203
30	48	91	101
33	33	93	160
34	20	93	198
39	25	95	100

The UNIVARIATE Procedure
Variable: Score
Ethnic = Caucasian

Moments			
N	45	Sum Weights	45
Mean	64.3333333	Sum Observations	2895
Std Deviation	14.1918671	Variance	201.409091
Skewness	0.49232827	Kurtosis	-0.5817765
Uncorrected SS	195107	Corrected SS	8862
Coeff Variation	22.059897	Std Error Mean	2.11559863

Basic Statistical Measures			
Location		Variability	
Mean	64.33333	Std Deviation	14.19187
Median	63.00000	Variance	201.40909
Mode	58.00000	Range	55.00000
		Interquartile Range	20.00000

Note: The mode displayed is the smallest of 2 modes with a count of 3.

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	30.40904	Pr > |t|	<.0001
Sign	M	22.5	Pr >= |M|	<.0001
Signed Rank	S	517.5	Pr >= |S|	<.0001

Tests for Normality				
Test	Statistic		p Value	
Shapiro-Wilk	W	0.955477	Pr < W	0.0821
Kolmogorov-Smirnov	D	0.109174	Pr > D	>0.1500
Cramer-von Mises	W-Sq	0.092911	Pr > W-Sq	0.1387
Anderson-Darling	A-Sq	0.626584	Pr > A-Sq	0.0972

Quantiles (Definition 5)	
Level	Quantile
100% Max	95
99%	95

Quantiles (Definition 5)	
Level	Quantile
95%	90
90%	89
75% Q3	73
50% Median	63
25% Q1	53
10%	47
5%	45
1%	40
0% Min	40

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
40	52	89	87
45	207	89	145
45	187	90	193
47	199	91	165
47	34	95	133

The UNIVARIATE Procedure
Variable: Score
Ethnic = Hispanic

Moments			
N	66	Sum Weights	66
Mean	64.8181818	Sum Observations	4278
Std Deviation	16.455917	Variance	270.797203
Skewness	-0.3273202	Kurtosis	-0.66209
Uncorrected SS	294894	Corrected SS	17601.8182
Coeff Variation	25.3878102	Std Error Mean	2.02558335

Basic Statistical Measures			
Location		Variability	
Mean	64.81818	Std Deviation	16.45592
Median	67.50000	Variance	270.79720
Mode	57.00000	Range	64.00000
		Interquartile Range	25.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	31.99976	Pr > |t|	<.0001
Sign	M	33	Pr >= |M|	<.0001
Signed Rank	S	1105.5	Pr >= |S|	<.0001

Tests for Normality				
Test	Statistic		p Value	
Shapiro-Wilk	W	0.968771	Pr < W	0.0946
Kolmogorov-Smirnov	D	0.085809	Pr > D	>0.1500

Tests for Normality				
Test	Statistic		p Value	
Cramer-von Mises	W-Sq	0.080829	Pr > W-Sq	0.2062
Anderson-Darling	A-Sq	0.541359	Pr > A-Sq	0.1645

Quantiles (Definition 5)	
Level	Quantile
100% Max	94.0
99%	94.0
95%	91.0
90%	84.0
75% Q3	78.0
50% Median	67.5
25% Q1	53.0
10%	39.0
5%	34.0
1%	30.0
0% Min	30.0

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
30	21	88	161
32	29	91	92
33	66	91	214
34	56	92	109
36	37	94	213

Z-Test for Mean Math Score Based on Teaching Method

The TTEST Procedure

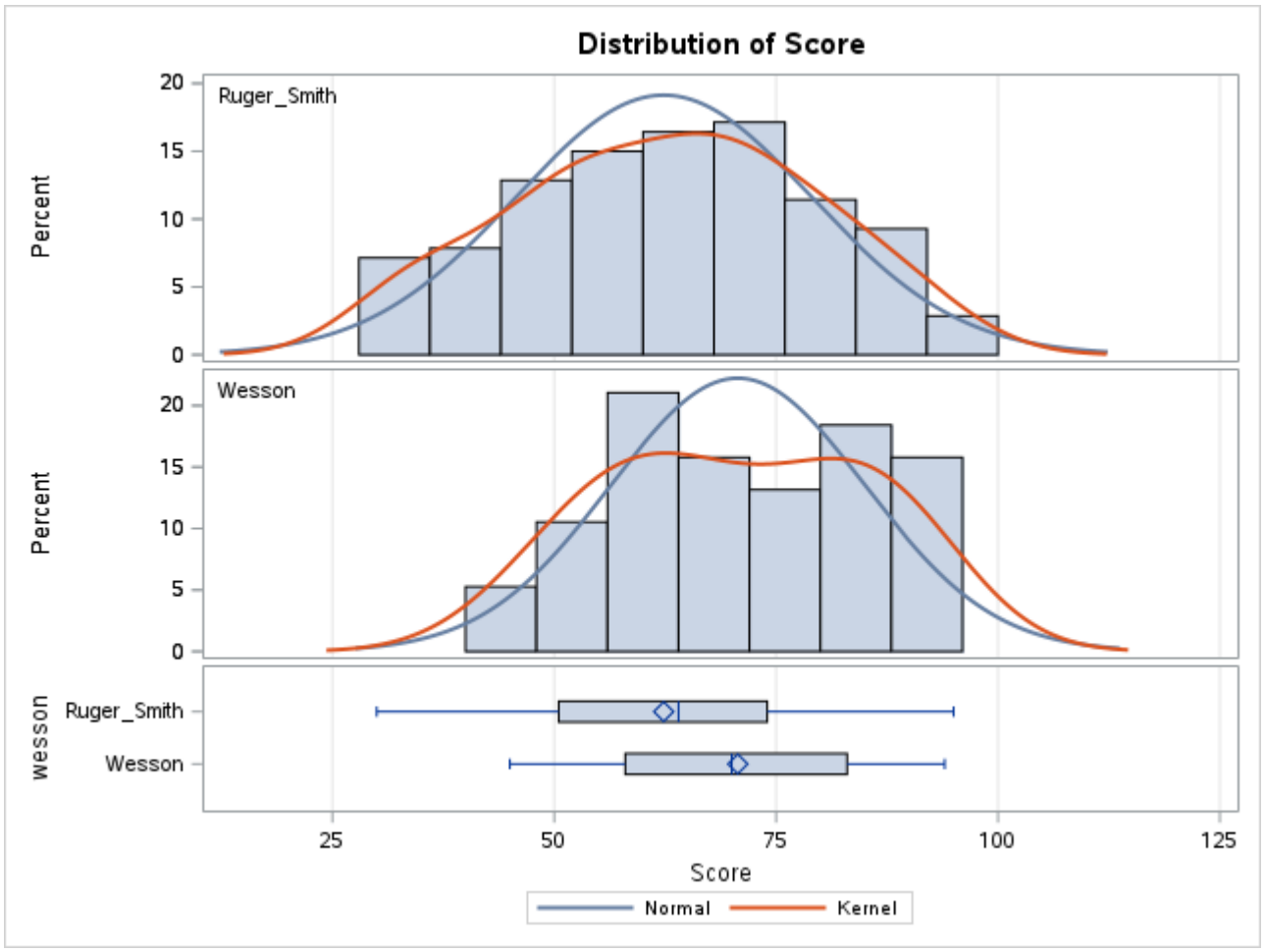
Variable: Score

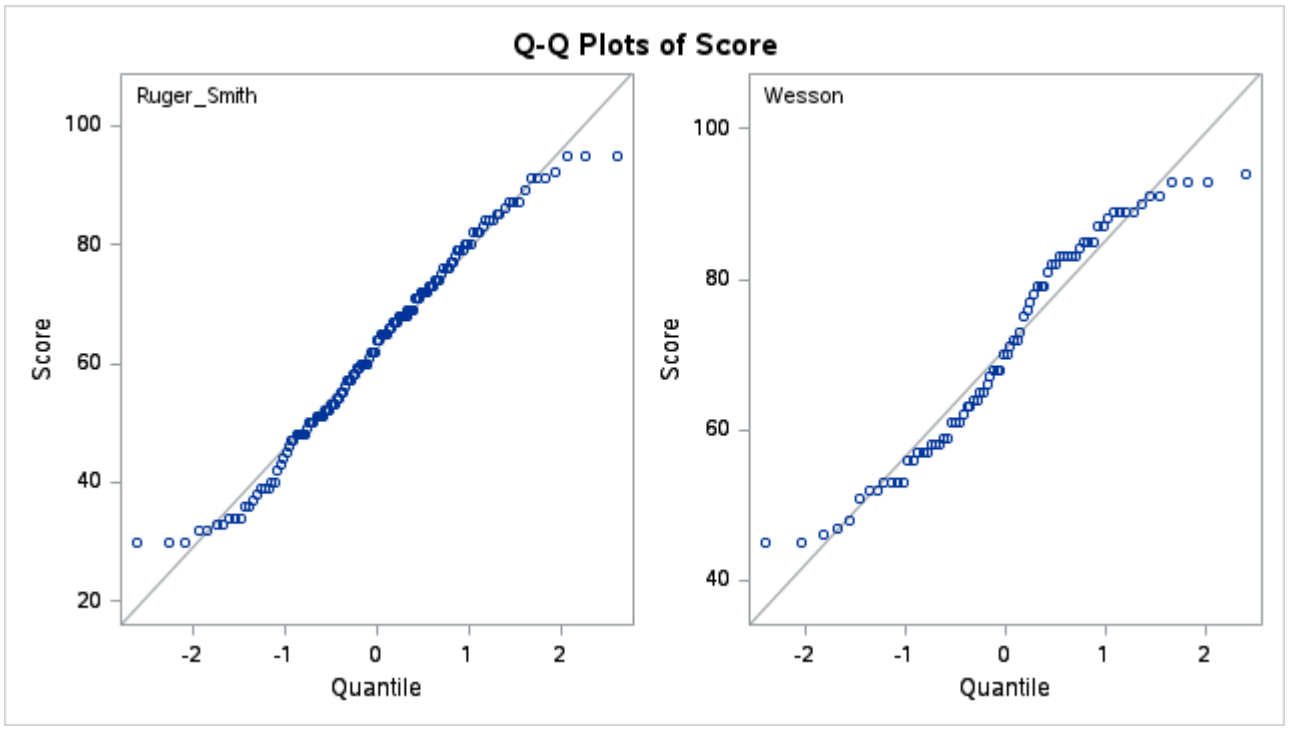
wesson	Method	N	Mean	Std Dev	Std Err	Minimum	Maximum
Ruger_Smith		140	62.3357	16.6783	1.4096	30.0000	95.0000
Wesson		76	70.6842	14.3557	1.6467	45.0000	94.0000
Diff (1-2)	Pooled		-8.3485	15.9030	2.2659		
Diff (1-2)	Satterthwaite		-8.3485		2.1676		

wesson	Method	Mean	95% CL Mean		Std Dev	95% CL Std Dev	
Ruger_Smith		62.3357	59.5487	65.1227	16.6783	14.9270	18.8989
Wesson		70.6842	67.4038	73.9646	14.3557	12.3805	17.0866
Diff (1-2)	Pooled	-8.3485	-12.8148	-3.8822	15.9030	14.5285	17.5670
Diff (1-2)	Satterthwaite	-8.3485	-12.6266	-4.0704			

Method	Variances	DF	t Value	Pr > |t|
Pooled	Equal	214	-3.68	0.0003
Satterthwaite	Unequal	174.6	-3.85	0.0002

Equality of Variances				
Method	Num DF	Den DF	F Value	Pr > F
Folded F	139	75	1.35	0.1520





Z-Test for Mean Math Score Based on Gender

The TTEST Procedure

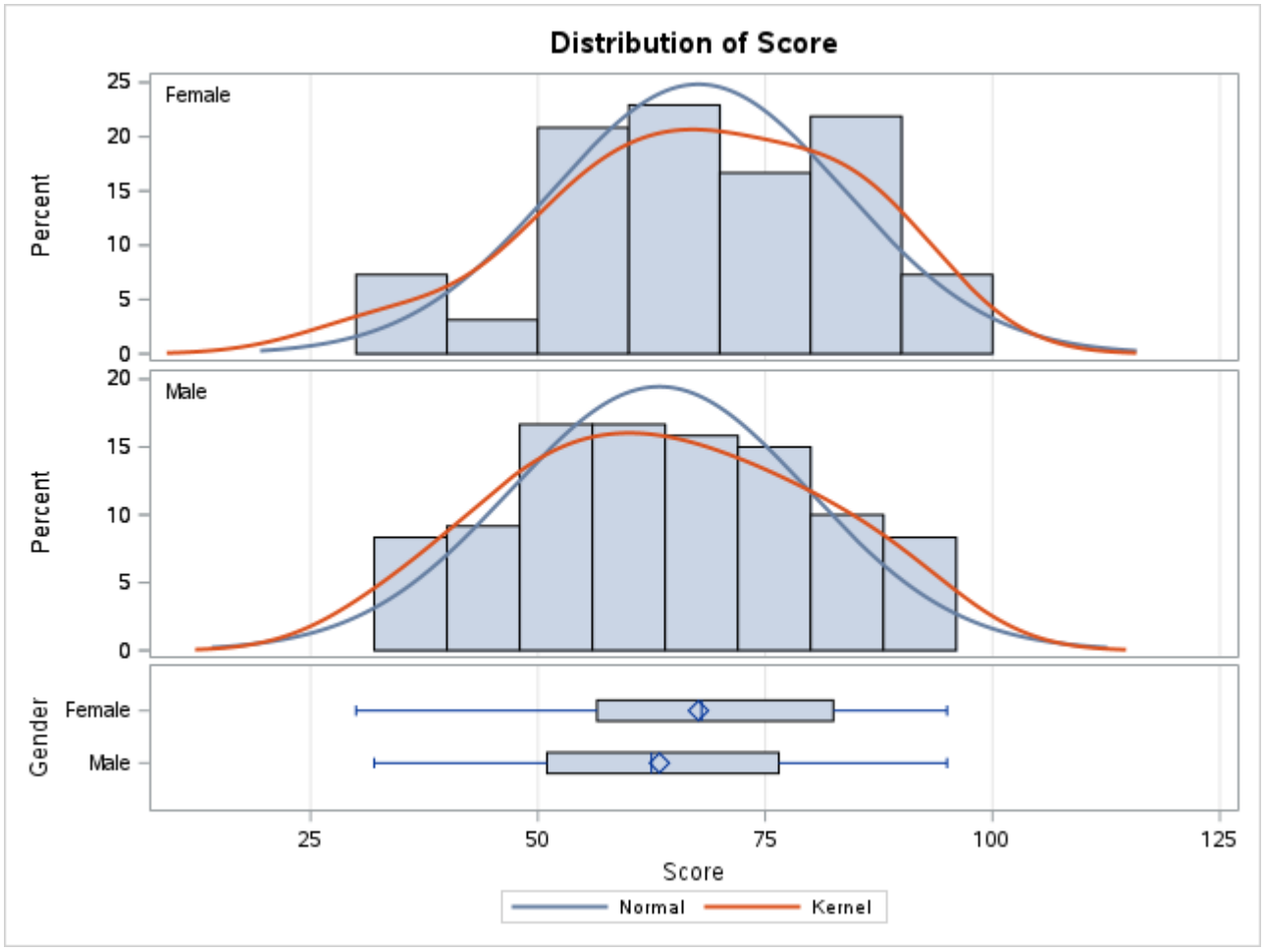
Variable: Score

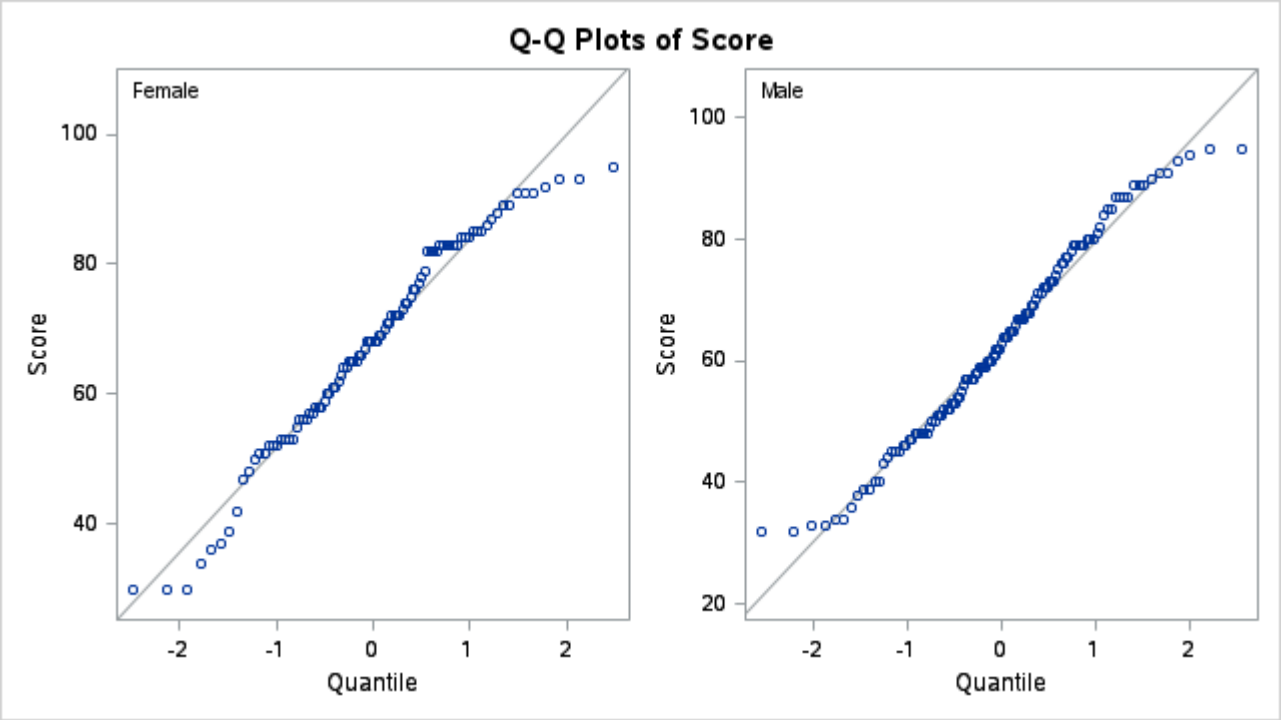
Gender	Method	N	Mean	Std Dev	Std Err	Minimum	Maximum
Female		96	67.6563	16.0655	1.6397	30.0000	95.0000
Male		120	63.3667	16.4122	1.4982	32.0000	95.0000
Diff (1-2)	Pooled		4.2896	16.2592	2.2264		
Diff (1-2)	Satterthwaite		4.2896		2.2211		

Gender	Method	Mean	95% CL Mean		Std Dev	95% CL Std Dev	
Female		67.6563	64.4011	70.9114	16.0655	14.0700	18.7258
Male		63.3667	60.4000	66.3333	16.4122	14.5657	18.7991
Diff (1-2)	Pooled	4.2896	-0.0989	8.6780	16.2592	14.8539	17.9605
Diff (1-2)	Satterthwaite	4.2896	-0.0895	8.6686			

Method	Variances	DF	t Value	Pr > |t|
Pooled	Equal	214	1.93	0.0553
Satterthwaite	Unequal	205.5	1.93	0.0548

Equality of Variances				
Method	Num DF	Den DF	F Value	Pr > F
Folded F	119	95	1.04	0.8325





Z-Test for Mean Math Score Based on Lunch

The TTEST Procedure

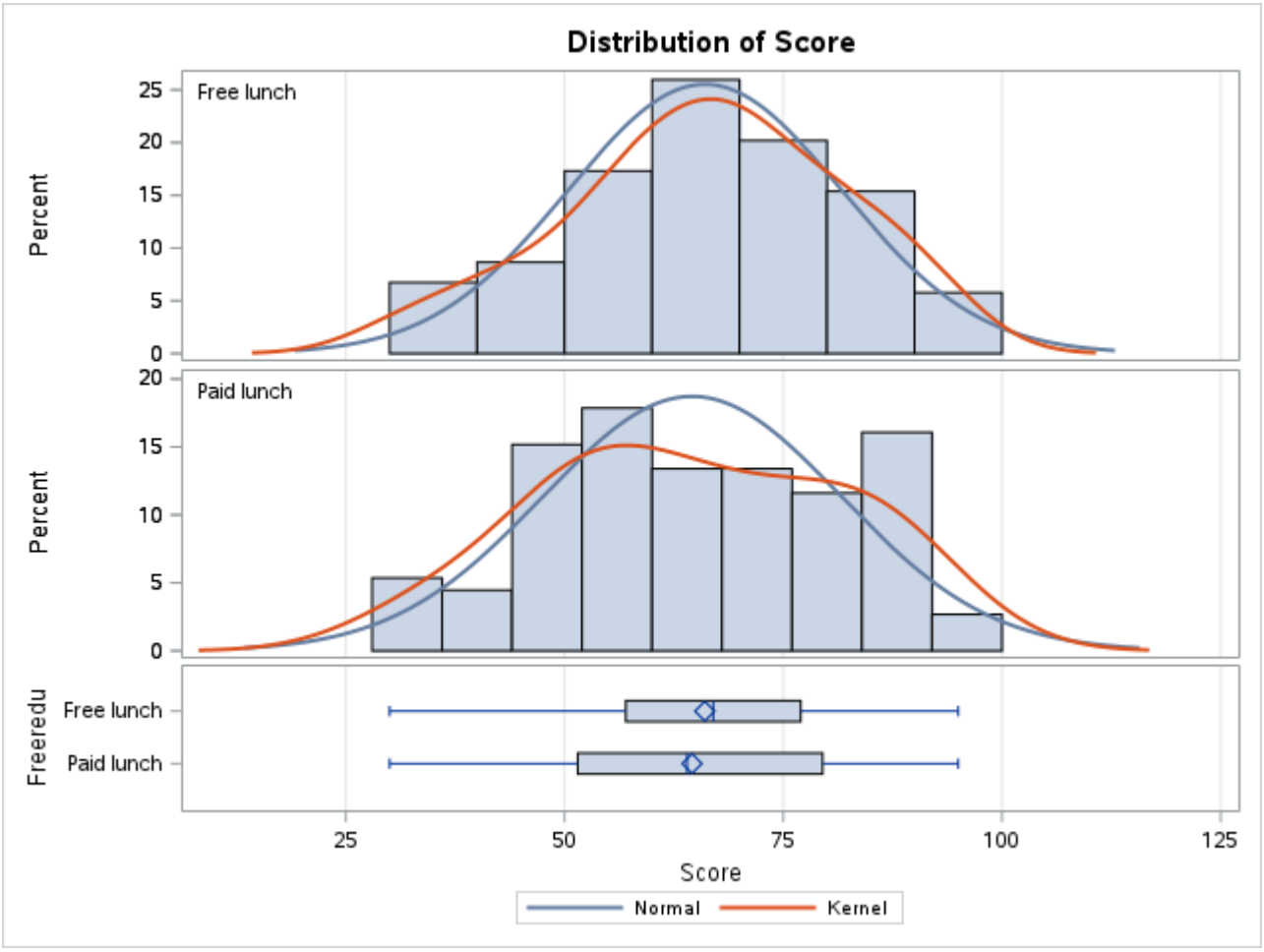
Variable: Score

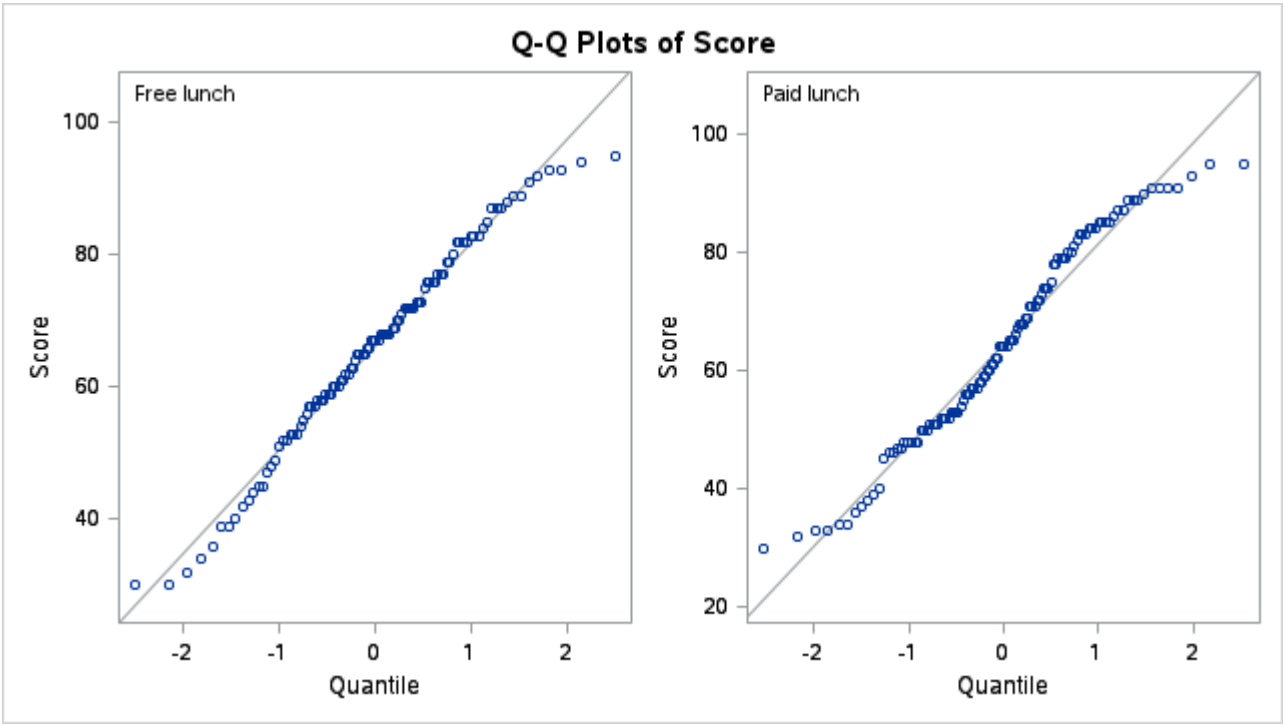
Freeredu	Method	N	Mean	Std Dev	Std Err	Minimum	Maximum
Free lunch		104	66.0288	15.6313	1.5328	30.0000	95.0000
Paid lunch		112	64.5714	17.0514	1.6112	30.0000	95.0000
Diff (1-2)	Pooled		1.4574	16.3833	2.2310		
Diff (1-2)	Satterthwaite		1.4574		2.2238		

Freeredu	Method	Mean	95% CL Mean		Std Dev	95% CL Std Dev	
Free lunch		66.0288	62.9889	69.0688	15.6313	13.7572	18.1013
Paid lunch		64.5714	61.3787	67.7641	17.0514	15.0731	19.6322
Diff (1-2)	Pooled	1.4574	-2.9402	5.8550	16.3833	14.9673	18.0976
Diff (1-2)	Satterthwaite	1.4574	-2.9260	5.8408			

Method	Variances	DF	t Value	Pr > |t|
Pooled	Equal	214	0.65	0.5143
Satterthwaite	Unequal	213.97	0.66	0.5129

Equality of Variances				
Method	Num DF	Den DF	F Value	Pr > F
Folded F	111	103	1.19	0.3720





The ANOVA Procedure

Class Level Information		
Class	**Levels**	**Values**

Class Level Information		
Class	Levels	Values
Ethnic	4	African-American Asian Caucasian Hispanic

Number of Observations Read	216
Number of Observations Used	216

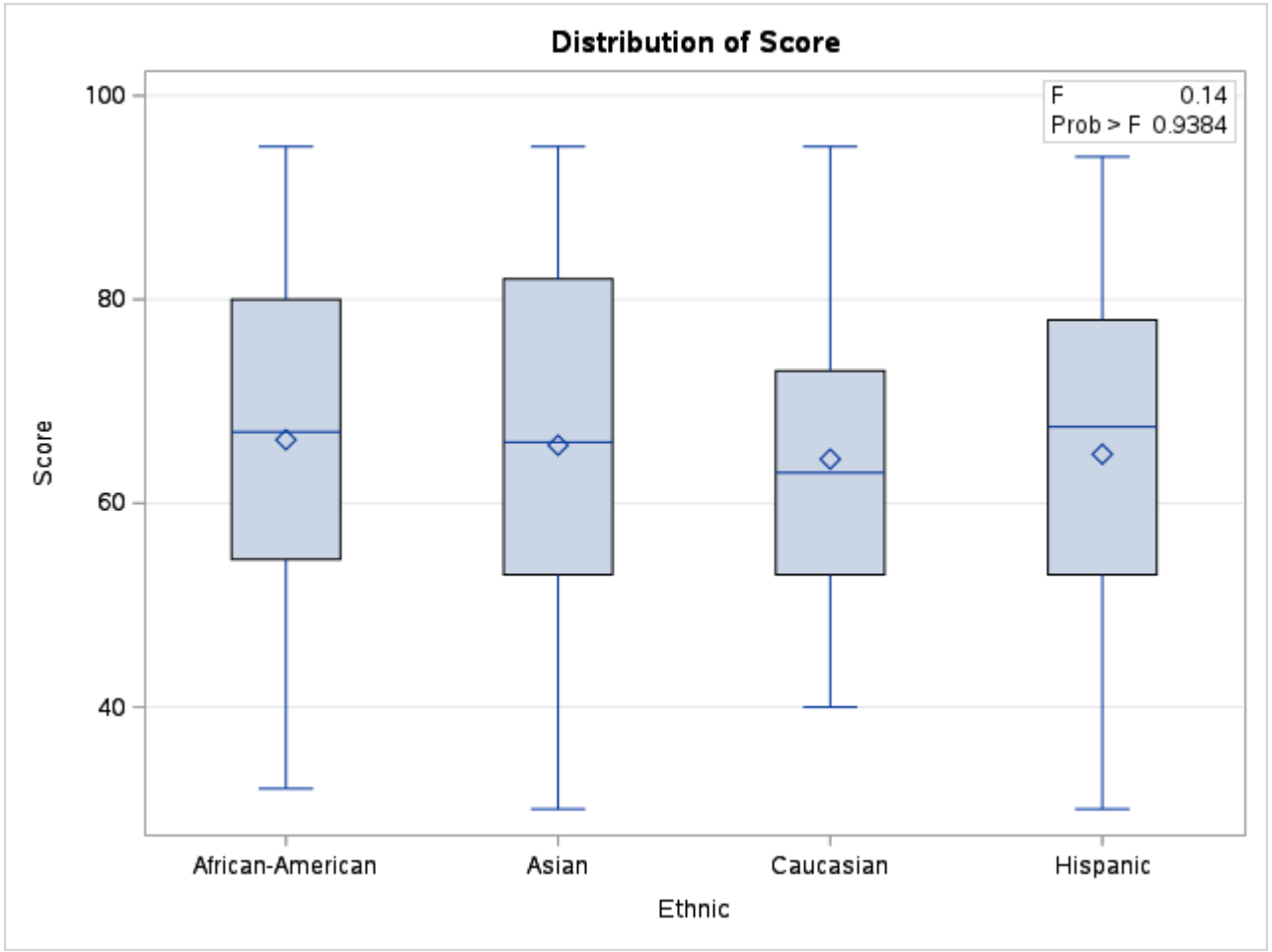
The ANOVA Procedure

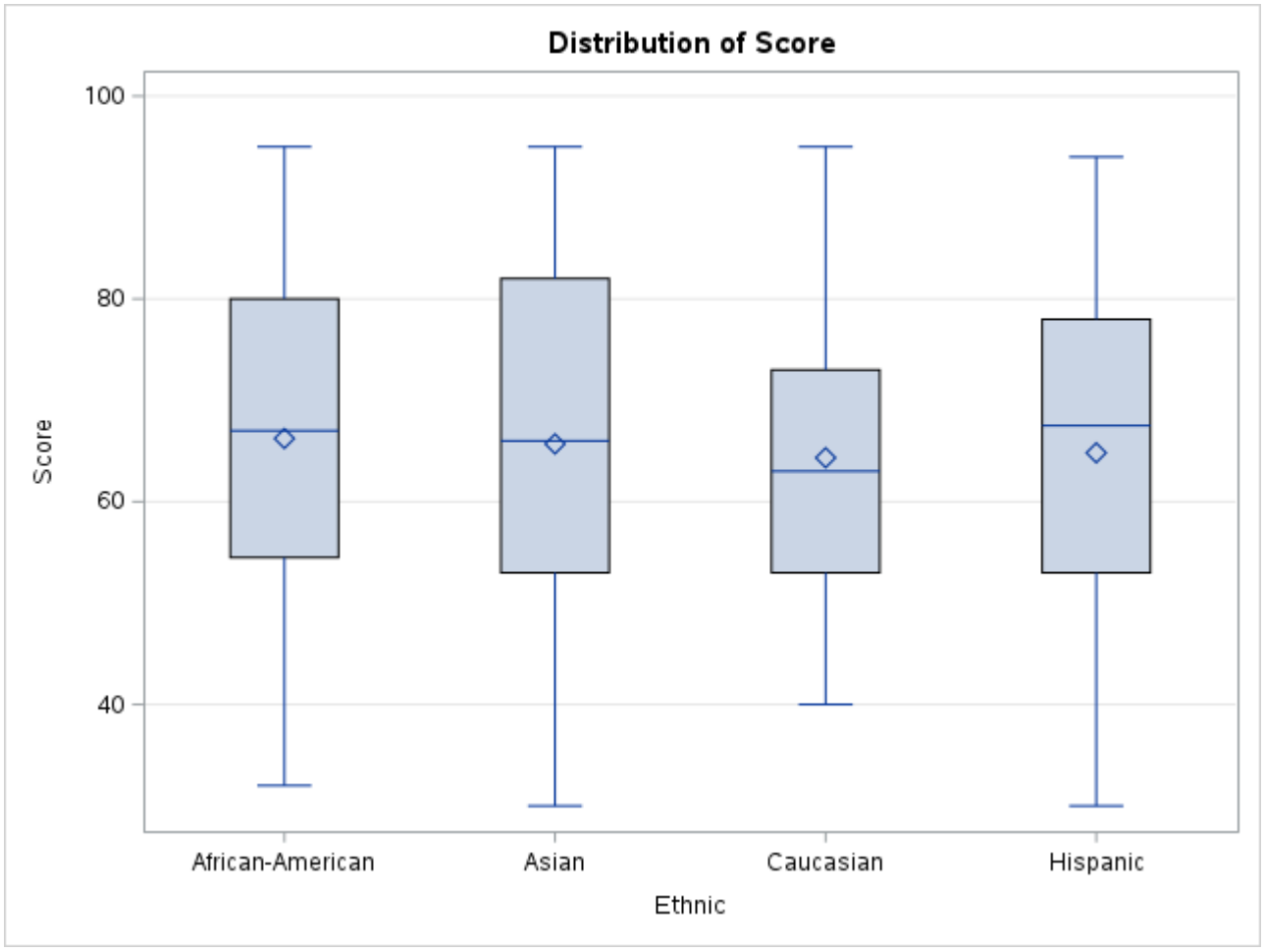
Dependent Variable: Score

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	3	110.66550	36.88850	0.14	0.9384
Error	212	57444.21876	270.96330		
Corrected Total	215	57554.88426			

R-Square	Coeff Var	Root MSE	Score Mean
0.001923	25.21858	16.46096	65.27315

Source	DF	Anova SS	Mean Square	F Value	Pr > F
Ethnic	3	110.6654969	36.8884990	0.14	0.9384





The ANOVA Procedure

Tukey's Studentized Range (HSD) Test for Score

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

Alpha	0.05
Error Degrees of Freedom	212
Error Mean Square	270.9633
Critical Value of Studentized Range	3.66214

Comparisons significant at the 0.05 level are indicated by *.**

Ethnic Comparison	Difference Between Means	Simultaneous 95% Confidence Limits		
African-American - Asian	0.533	-7.787	8.853	
African-American - Hispanic	1.413	-6.491	9.317	
African-American - Caucasian	1.897	-6.781	10.576	
Asian - African-American	-0.533	-8.853	7.787	
Asian - Hispanic	0.880	-6.982	8.742	
Asian - Caucasian	1.365	-7.276	10.005	
Hispanic - African-American	-1.413	-9.317	6.491	
Hispanic - Asian	-0.880	-8.742	6.982	
Hispanic - Caucasian	0.485	-7.756	8.725	
Caucasian - African-American	-1.897	-10.576	6.781	
Caucasian - Asian	-1.365	-10.005	7.276	

Comparisons significant at the 0.05 level are indicated by ***.				
Ethnic Comparison	Difference Between Means	Simultaneous 95% Confidence Limits		
Caucasian - Hispanic	-0.485	-8.725	7.756	

The GLM Procedure

Class Level Information		
Class	Levels	Values
Ethnic	4	African-American Asian Caucasian Hispanic

Number of Observations Read	216
Number of Observations Used	216

The GLM Procedure

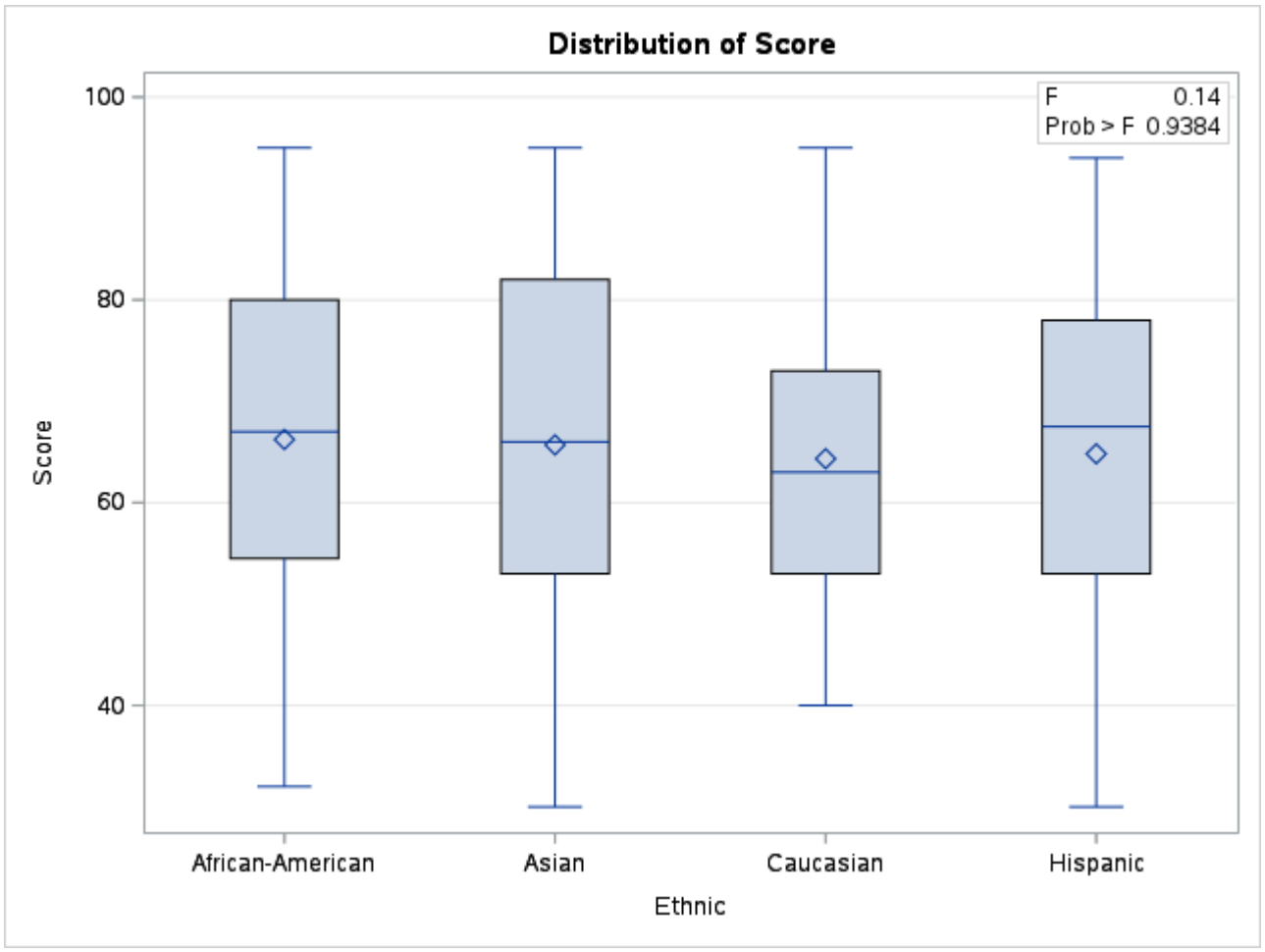
Dependent Variable: Score

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	3	110.66550	36.88850	0.14	0.9384
Error	212	57444.21876	270.96330		
Corrected Total	215	57554.88426			

R-Square	Coeff Var	Root MSE	Score Mean
0.001923	25.21858	16.46096	65.27315

Source	DF	Type I SS	Mean Square	F Value	Pr > F
Ethnic	3	110.6654969	36.8884990	0.14	0.9384

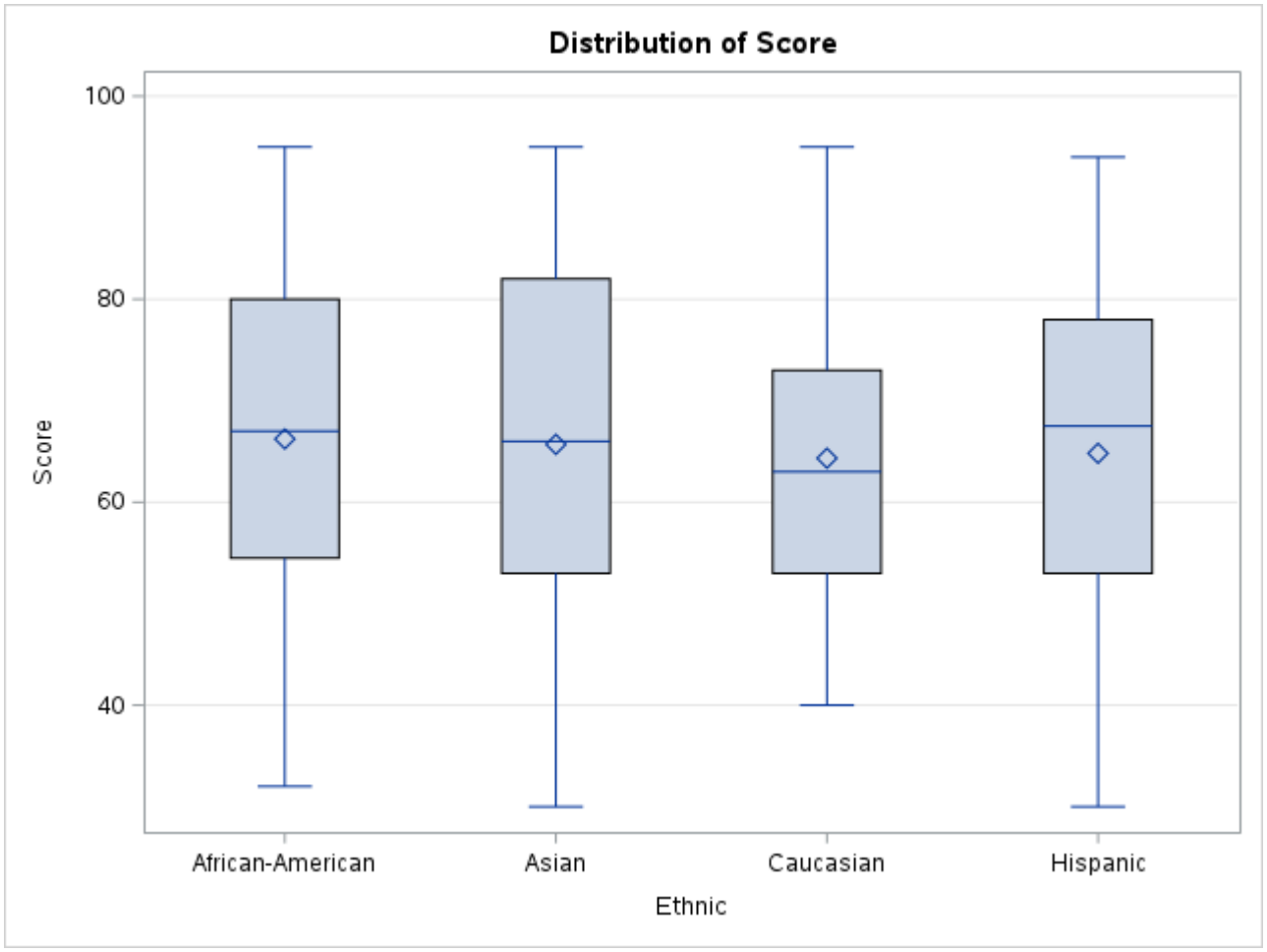
Source	DF	Type III SS	Mean Square	F Value	Pr > F
Ethnic	3	110.6654969	36.8884990	0.14	0.9384



The GLM Procedure

Levene's Test for Homogeneity of Score Variance ANOVA of Squared Deviations from Group Means					
Source	**DF**	**Sum of Squares**	**Mean Square**	**F Value**	**Pr > F**
Ethnic	3	336505	112168	1.26	0.2888
Error	212	18860518	88964.7		

The GLM Procedure



Level of Ethnic	N	Score	
		Mean	Std Dev
African-American	52	66.2307692	16.8087458
Asian	53	65.6981132	17.8515081
Caucasian	45	64.3333333	14.1918671
Hispanic	66	64.8181818	16.4559170

The GLM Procedure
Least Squares Means
Adjustment for Multiple Comparisons: Tukey-Kramer

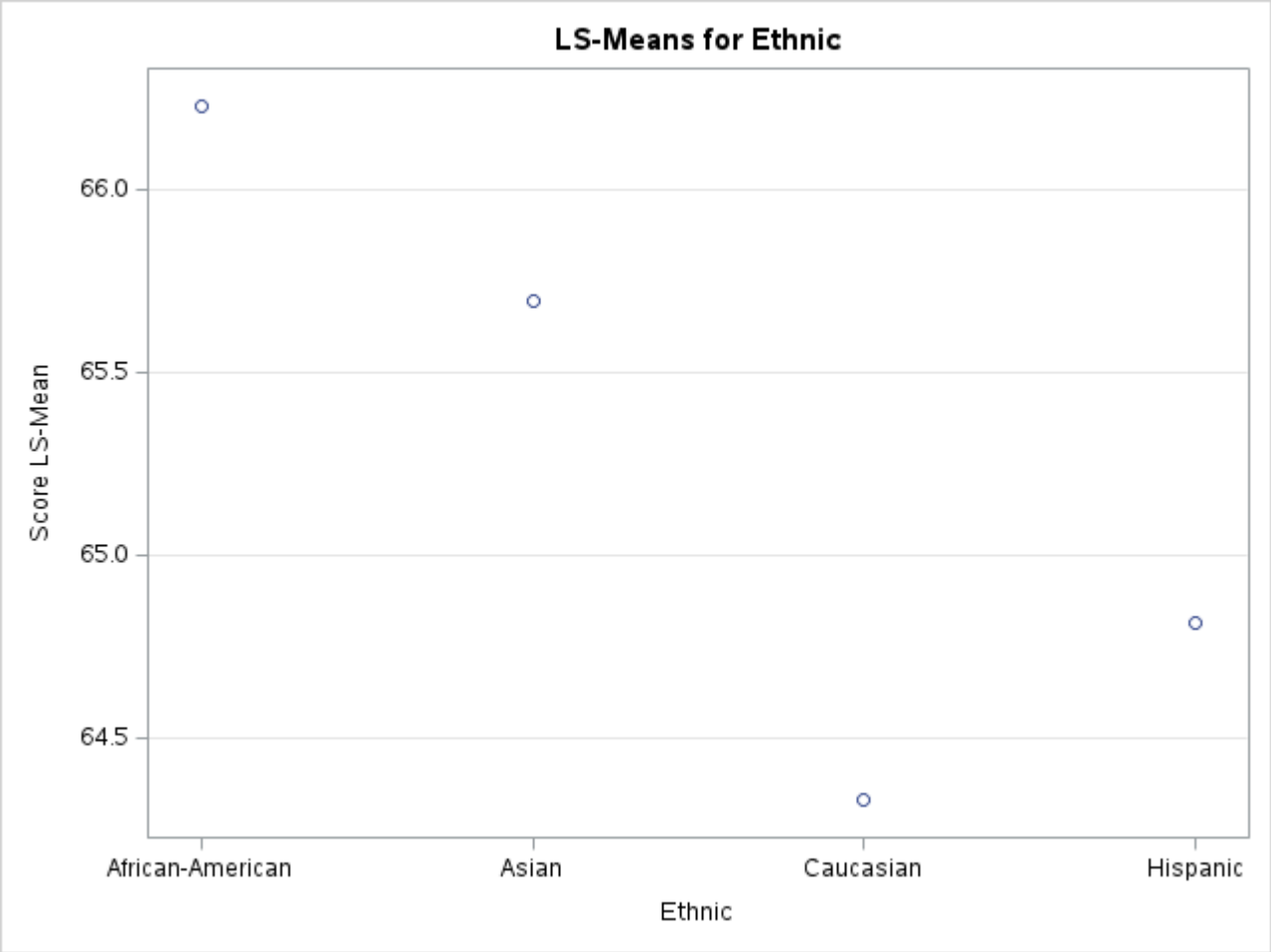
Ethnic	Score LSMEAN	LSMEAN Number
African-American	66.2307692	1
Asian	65.6981132	2
Caucasian	64.3333333	3
Hispanic	64.8181818	4

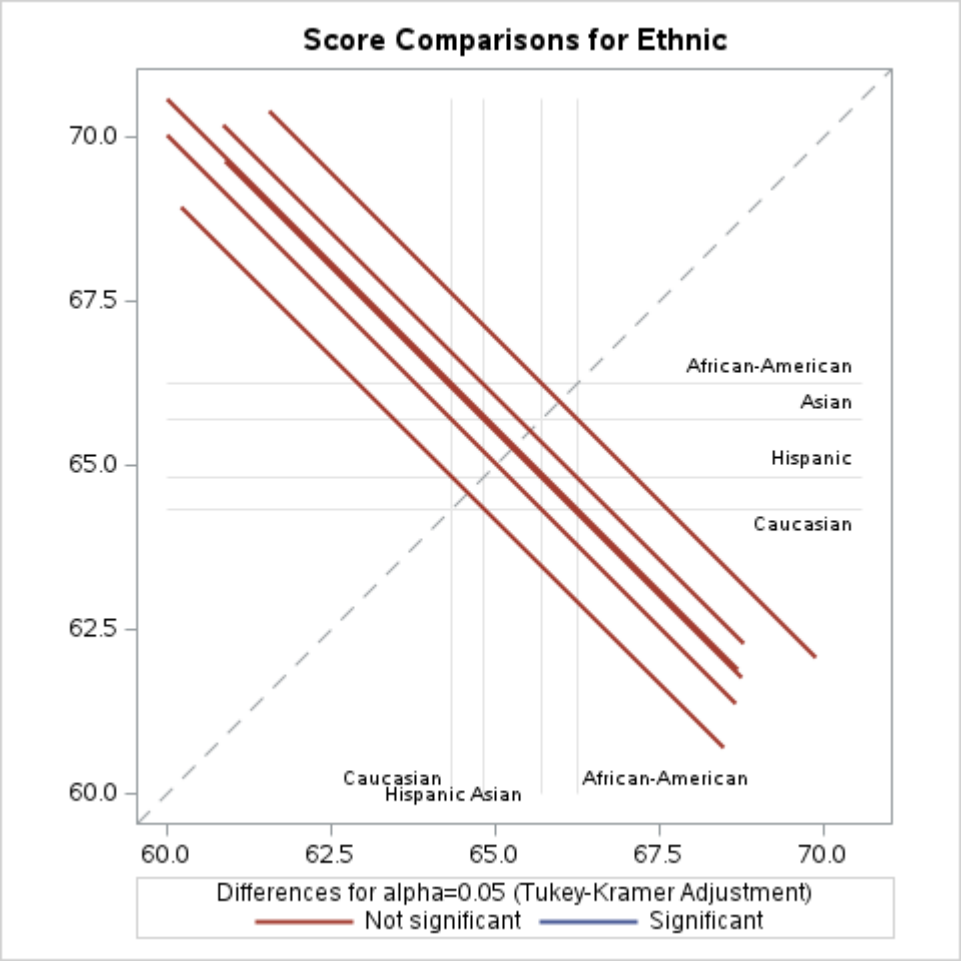
Least Squares Means for effect Ethnic
Pr > |t| for H0: LSMean(i)=LSMean(j)

Dependent Variable: Score

i/j	1	2	3	4
1		0.9984	0.9420	0.9670
2	0.9984		0.9768	0.9915
3	0.9420	0.9768		0.9987

Least Squares Means for effect Ethnic Pr > |t| for H0: LSMean(i)=LSMean(j) Dependent Variable: Score				
i/j	1	2	3	4
4	0.9670	0.9915	0.9987	




Score Comparisons for Ethnic
70.0
67.5
65.0
62.5
60.0
African-American
Asian
Hispanic
Caucasian
Caucasian
Hispanic Asian
African-American
60.0
62.5
65.0
67.5
70.0
Differences for alpha=0.05 (Tukey-Kramer Adjustment)
Not significant
Significant