

Explore

Gender (X)

Case Processing Summary

		Cases					
		Valid		Missing		Total	
		N	Percent	N	Percent	N	Percent
Score (Y)	Female	150	98.0%	3	2.0%	153	100.0%
	Male	85	98.8%	1	1.2%	86	100.0%

Descriptives

Gender (X)			Statistic	Std. Error	
Score (Y)	Female	Mean	10.73	.347	
		95% Confidence Interval for Mean	Lower Bound	10.05	
			Upper Bound	11.42	
		5% Trimmed Mean	10.79		
		Median	10.00		
		Variance	18.103		
		Std. Deviation	4.255		
		Minimum	1		
		Maximum	20		
		Range	19		
		Interquartile Range	3		
		Skewness	-.241	.198	
		Kurtosis	.062	.394	
		Male	Male	Mean	13.33
95% Confidence Interval for Mean	Lower Bound			12.46	
	Upper Bound			14.20	
5% Trimmed Mean	13.42				
Median	13.00				
Variance	16.152				
Std. Deviation	4.019				
Minimum	5				
Maximum	20				
Range	15				
Interquartile Range	6				
Skewness	-.030			.261	
Kurtosis	-.552			.517	

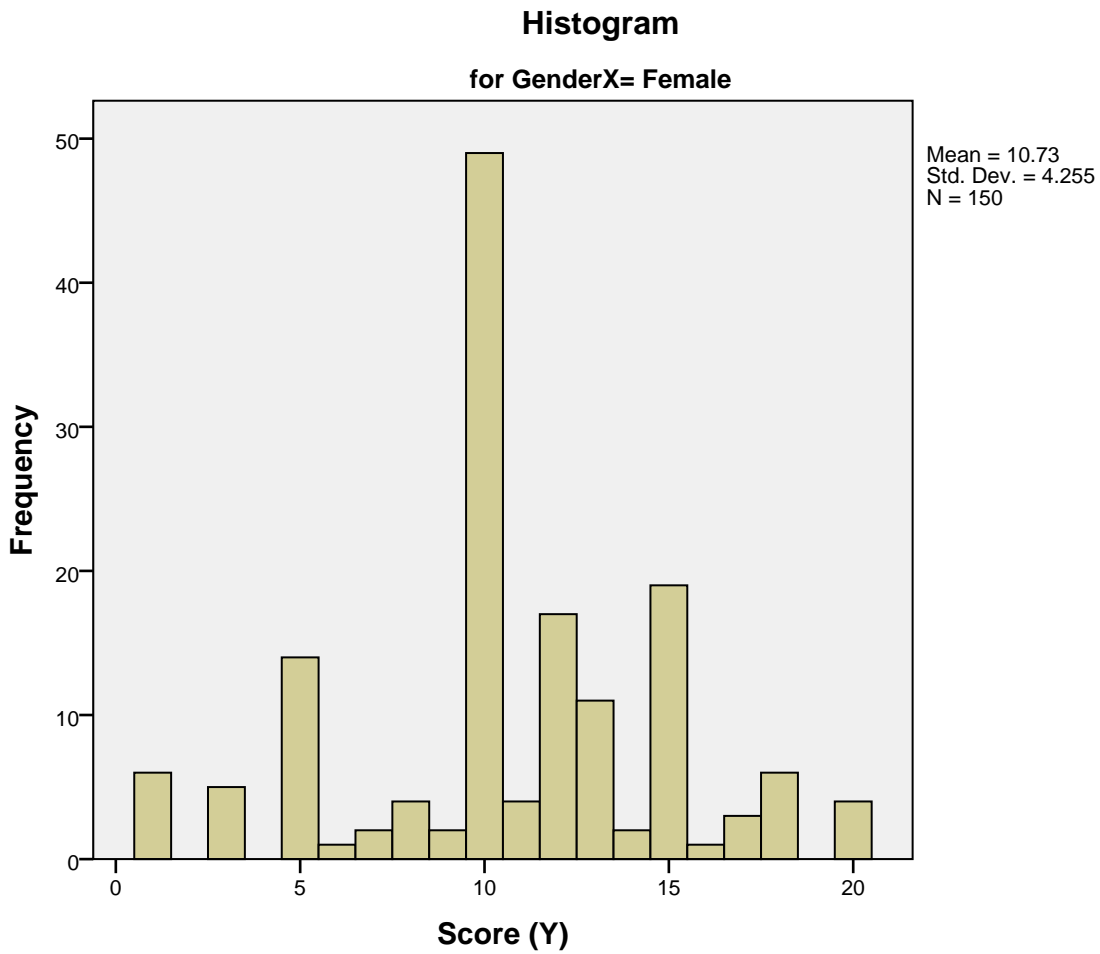
Tests of Normality

Gender (X)		Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Score (Y)	Female	.205	150	.000	.951	150	.000
	Male	.102	85	.029	.956	85	.006

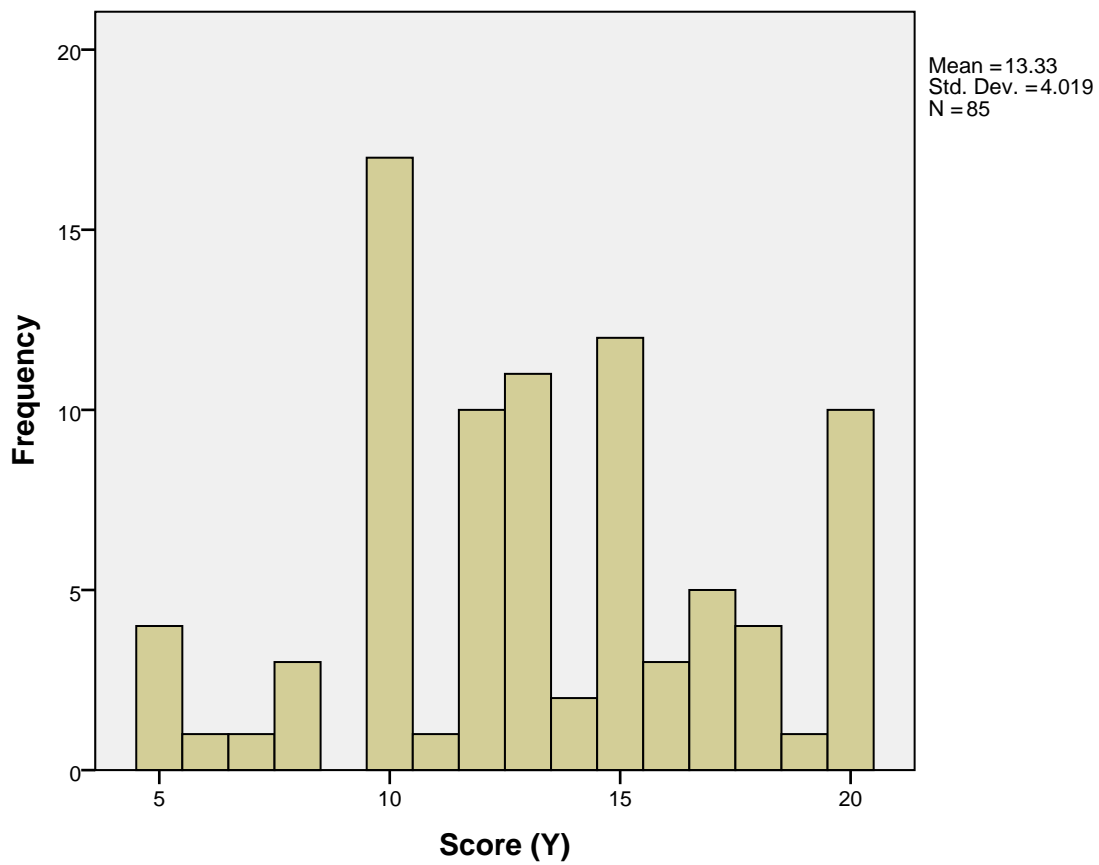
a. Lilliefors Significance Correction

Score (Y)

Histograms



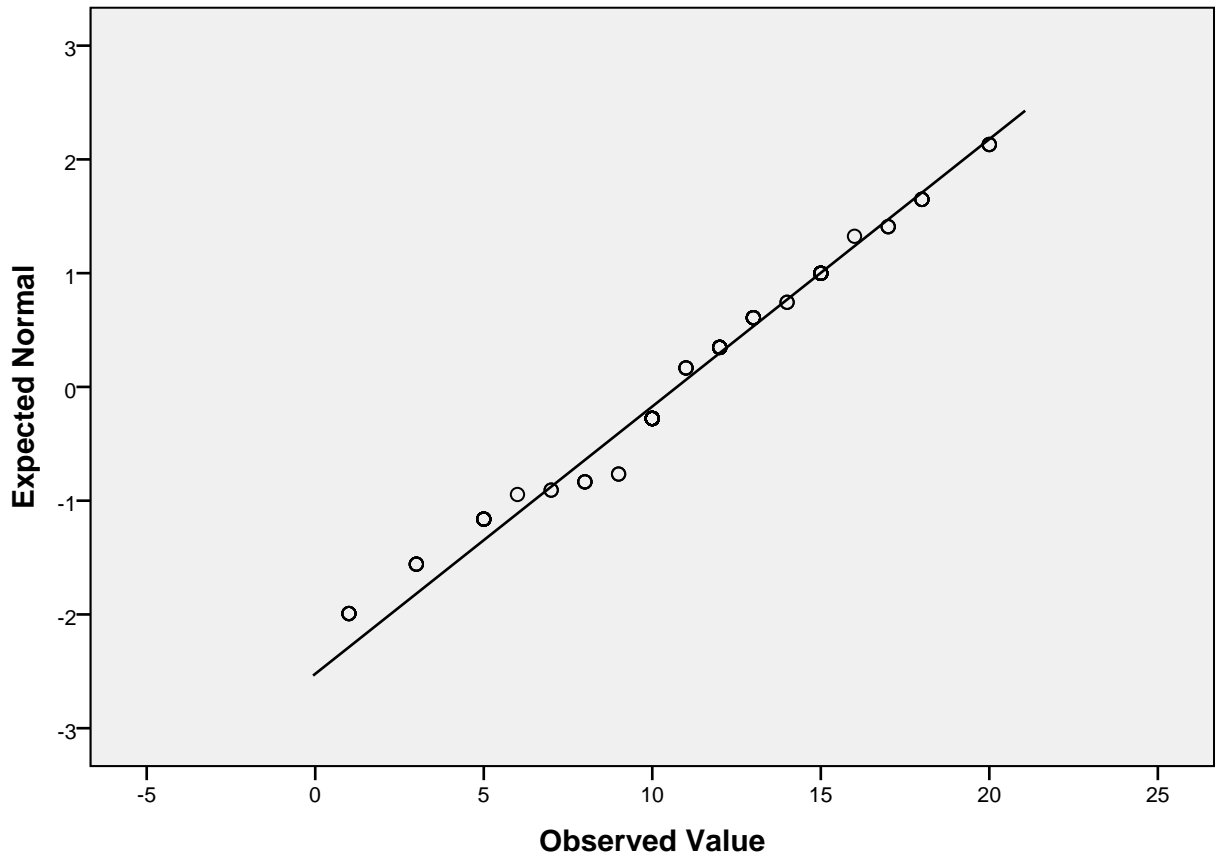
Histogram
for GenderX= Male



Normal Q-Q Plots

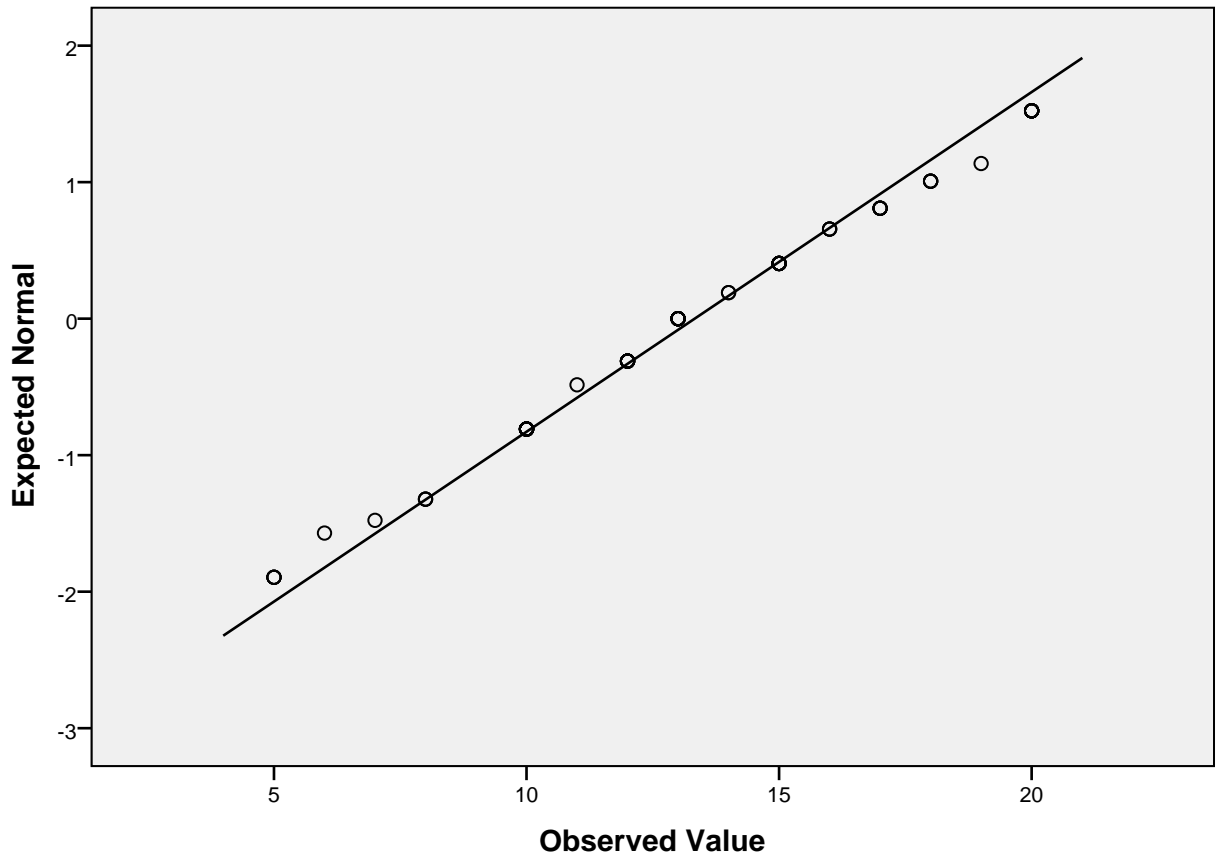
Normal Q-Q Plot of Score (Y)

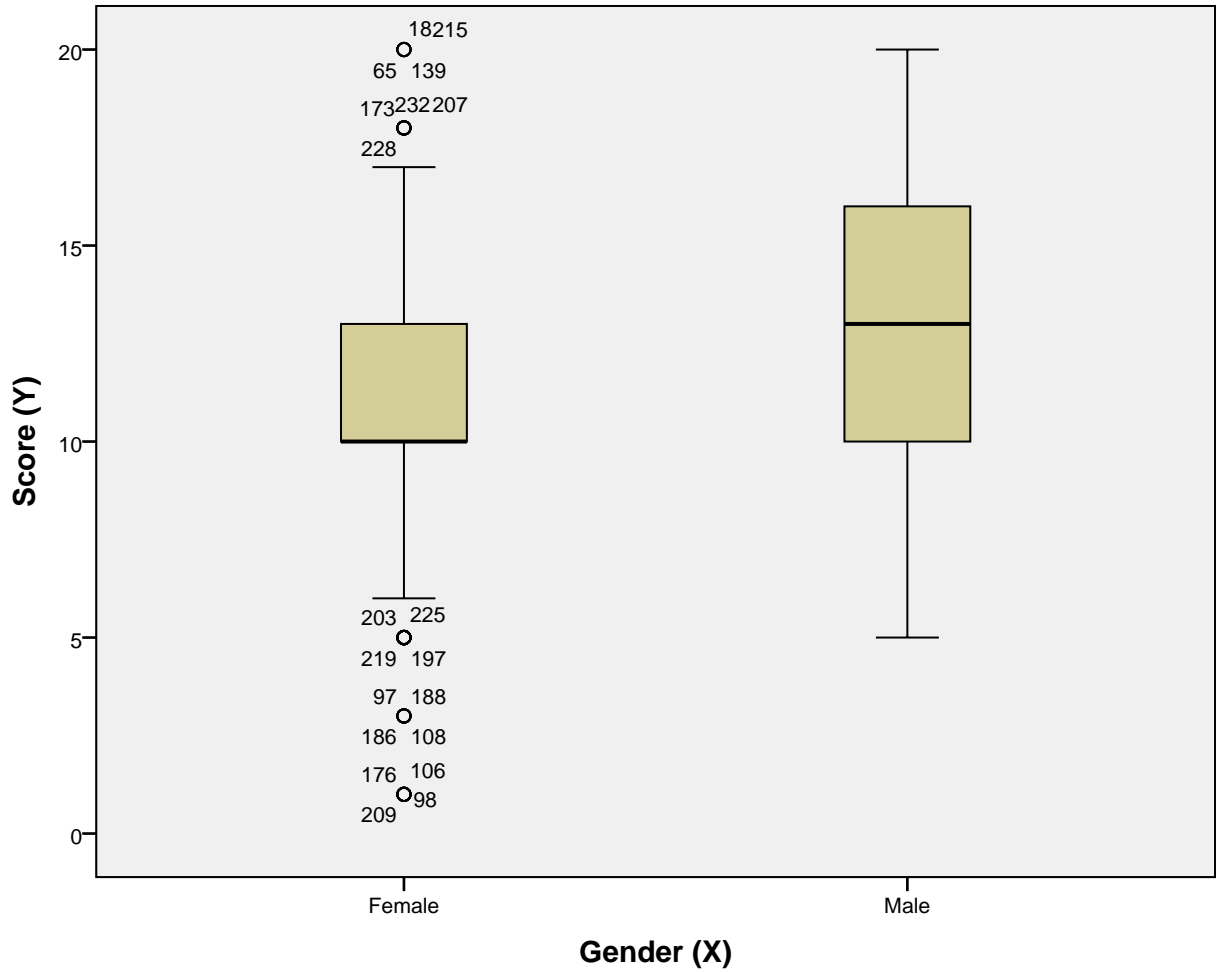
for GenderX= Female



Normal Q-Q Plot of Score (Y)

for GenderX= Male





T-Test

Group Statistics

	Gender (X)	N	Mean	Std. Deviation	Std. Error Mean
Score (Y)	Female	150	10.73	4.255	.347
	Male	85	13.33	4.019	.436

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means	
		F	Sig.	t	df
Score (Y)	Equal variances assumed	.036	.849	-4.584	233
	Equal variances not assumed			-4.657	182.973

Independent Samples Test

		t-test for Equality of Means			
		Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence ...
					Lower
Score (Y)	Equal variances assumed	.000	-2.596	.566	-3.712
	Equal variances not assumed	.000	-2.596	.557	-3.696

Independent Samples Test

		t-test for Equality of ...
		95% Confidence ...
		Upper
Score (Y)	Equal variances assumed	-1.480
	Equal variances not assumed	-1.496