

Explore

Notes

Output Created		07-MAY-2024 12:49:07
Comments		
Input	Data	C:\SPSS\teams.sav
	Active Dataset	DataSet1
	Filter	filter_\$=1 (FILTER)
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	584
Missing Value Handling	Definition of Missing	User-defined missing values for dependent variables are treated as missing.
	Cases Used	Statistics are based on cases with no missing values for any dependent variable or factor used.
Syntax		EXAMINE VARIABLES=total_score BY gender /PLOT BOXPLOT HISTOGRAM NPLOT /COMPARE GROUPS /STATISTICS DESCRIPTIVES /INTERVAL 95 /MISSING LISTWISE /NOTOTAL.
Resources	Processor Time	00:00:07.08
	Elapsed Time	00:00:03.47

gender

Case Processing Summary

		Valid		Cases Missing		Total	
	gender	N	Percent	N	Percent	N	Percent
total_score	woman	384	100.0%	0	0.0%	384	100.0%
	man	200	100.0%	0	0.0%	200	100.0%

Descriptives

gender		Statistic		Std. Error
total_score	woman	Mean	2.51	.084
		95% Confidence Interval for Mean	Lower Bound	2.35
			Upper Bound	2.68
		5% Trimmed Mean	2.42	
		Median	2.00	
		Variance	2.731	
		Std. Deviation	1.653	
		Minimum	0	
		Maximum	8	
		Range	8	
		Interquartile Range	2	
		Skewness	.781	.125
		Kurtosis	.621	.248
	man	Mean	2.98	.143
		95% Confidence Interval for Mean	Lower Bound	2.70
			Upper Bound	3.26
		5% Trimmed Mean	2.78	
		Median	3.00	
		Variance	4.090	
		Std. Deviation	2.022	
		Minimum	0	
		Maximum	13	
		Range	13	
		Interquartile Range	2	
		Skewness	1.743	.172
		Kurtosis	5.033	.342

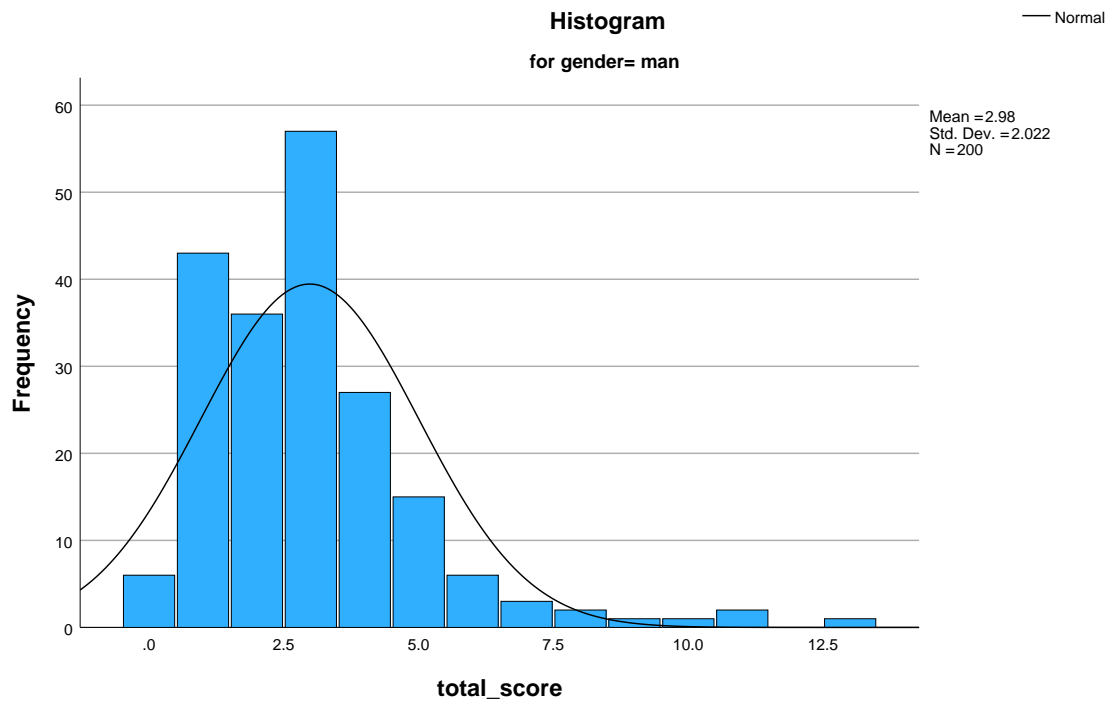
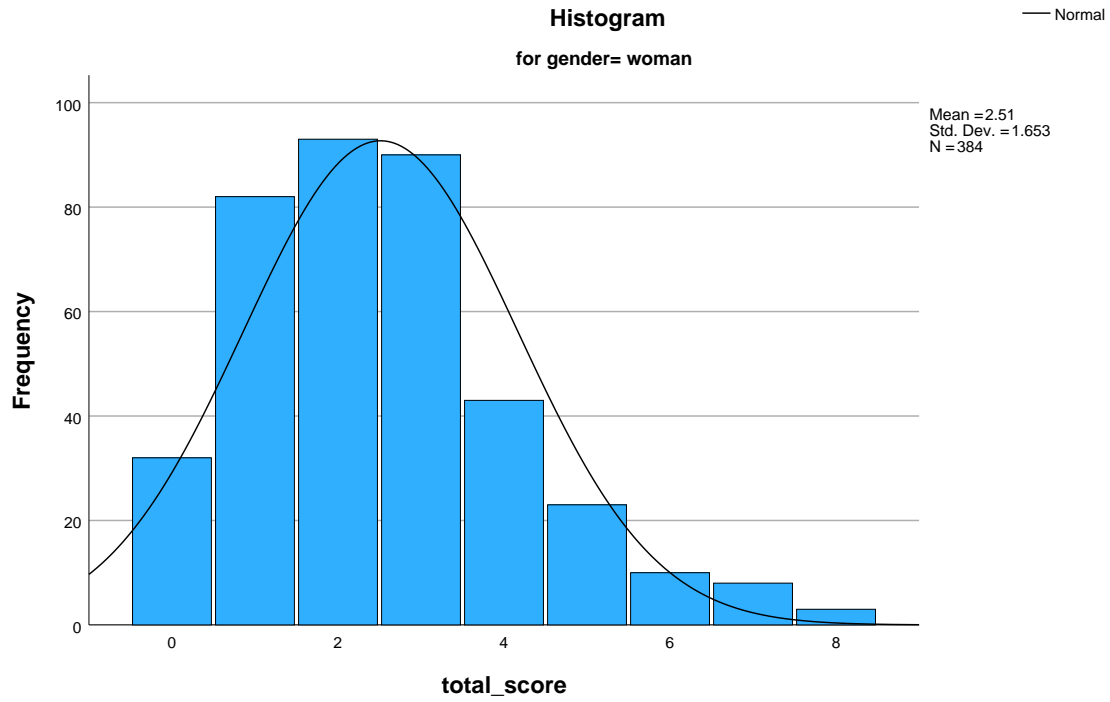
Tests of Normality

gender		Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
total_score	woman	.161	384	<.001	.927	384	<.001
	man	.206	200	<.001	.849	200	<.001

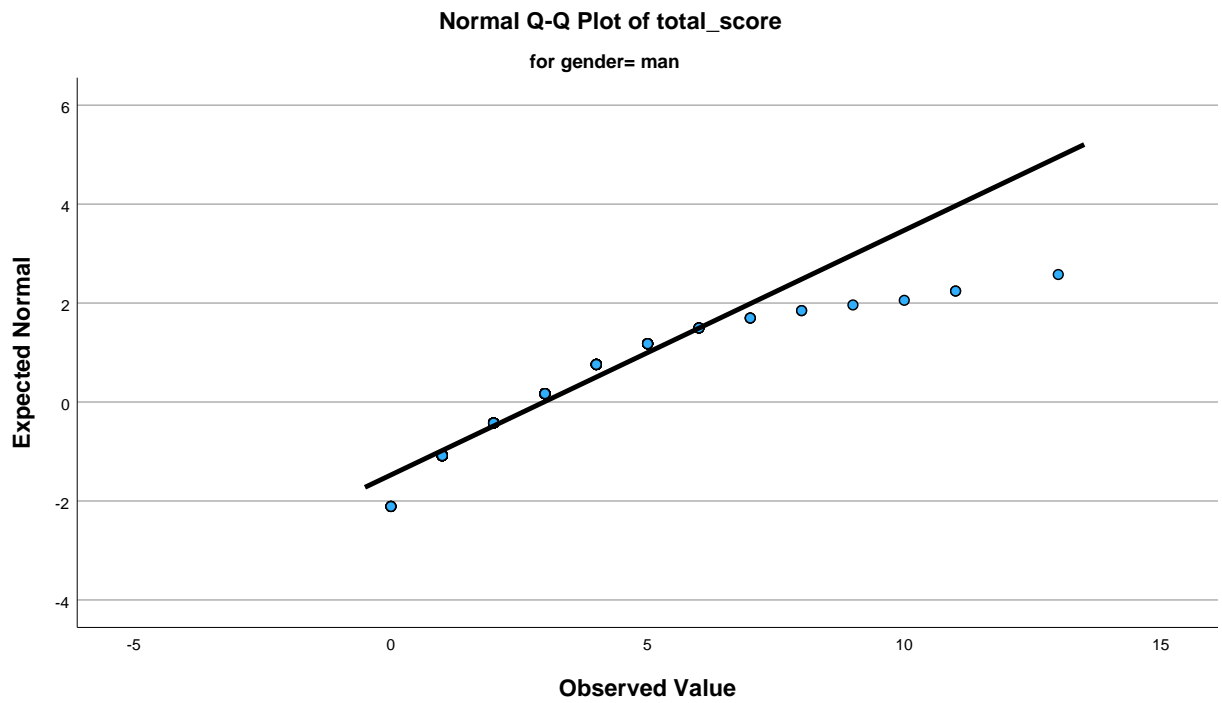
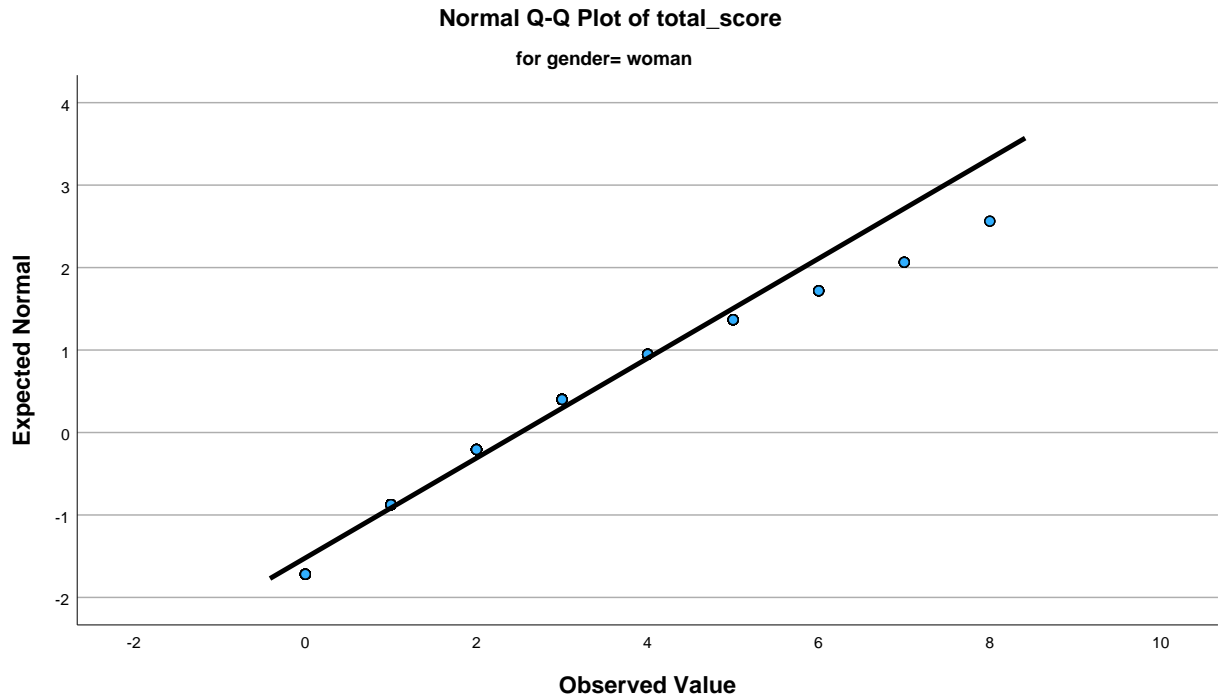
a. Lilliefors Significance Correction

total_score

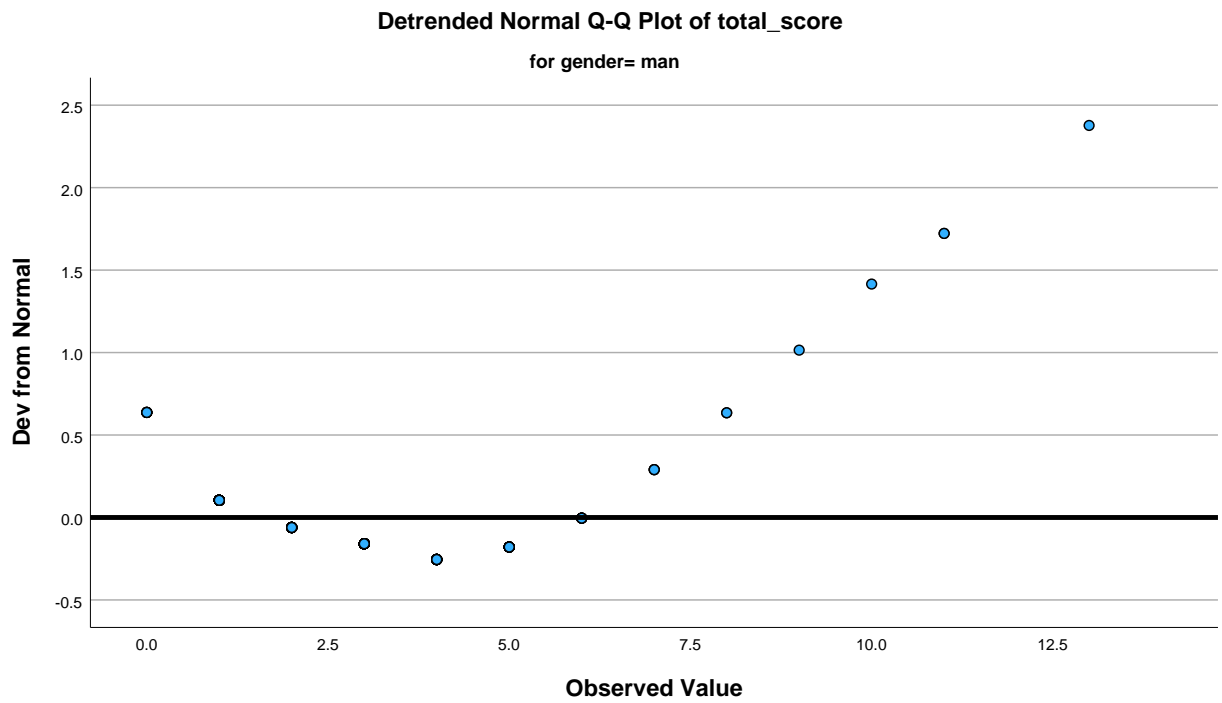
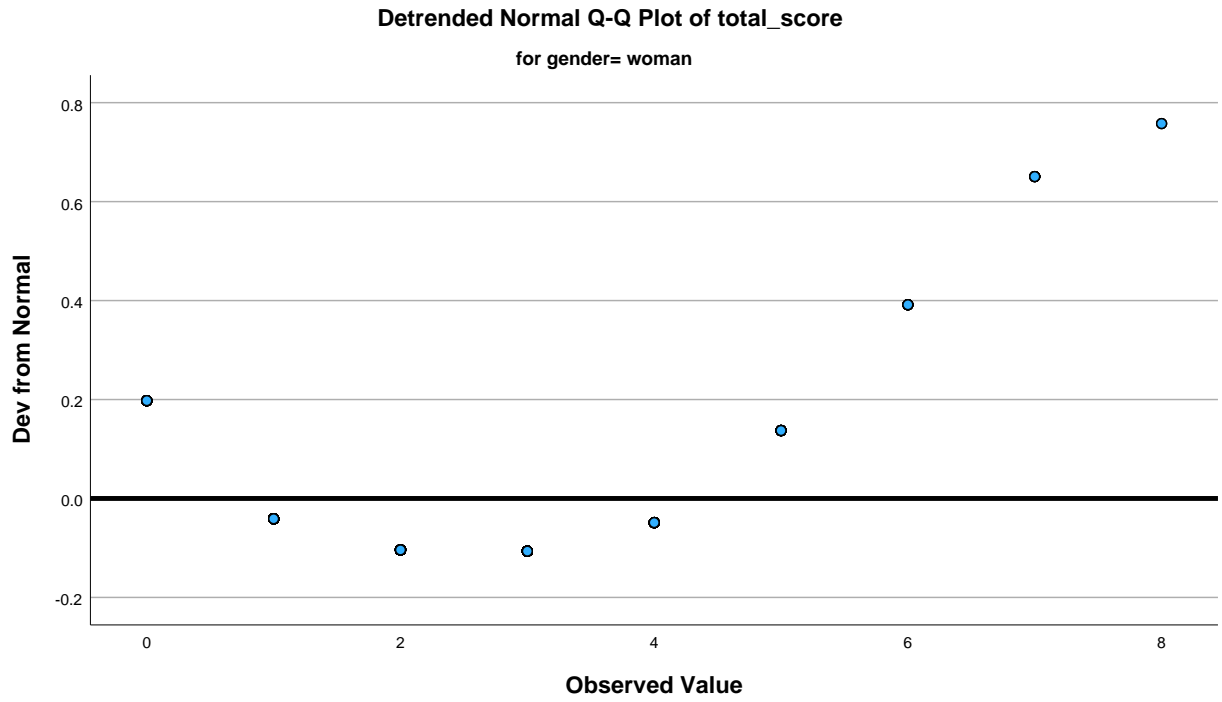
Histograms

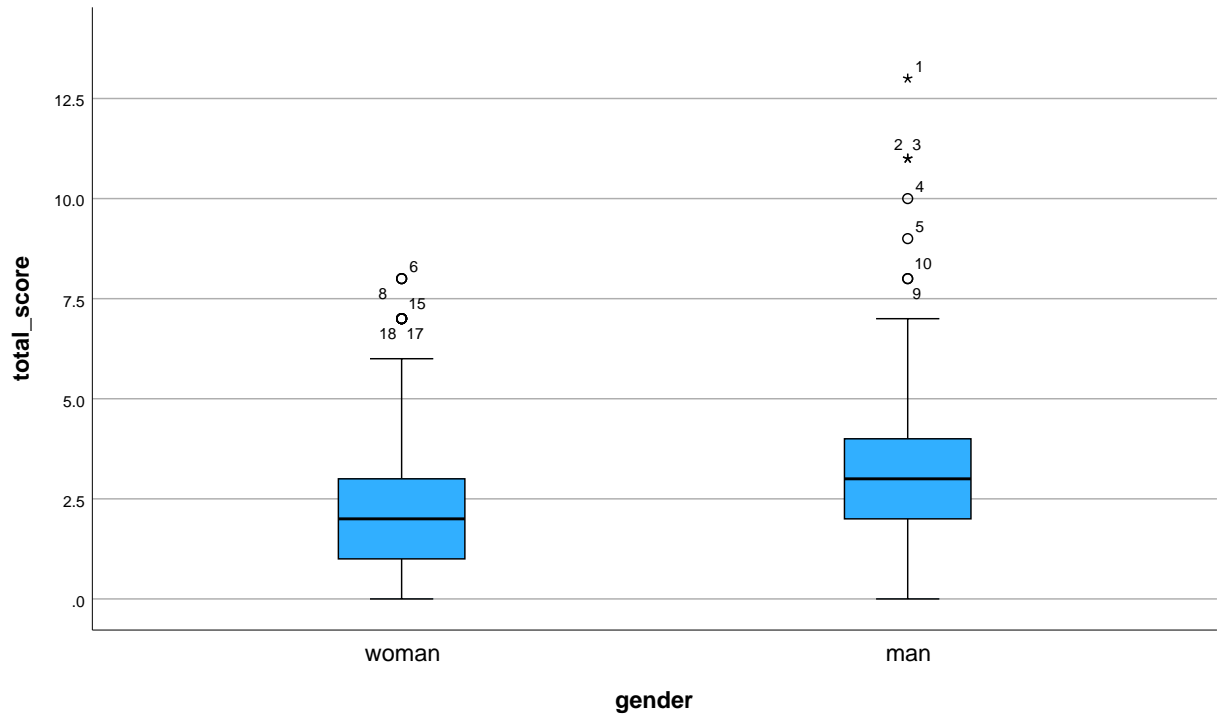


Normal Q-Q Plots



Detrended Normal Q-Q Plots





Nonparametric Tests

Notes

Output Created		07-MAY-2024 12:49:59
Comments		
Input	Data	C:\SPSS\teams.sav
	Active Dataset	DataSet1
	Filter	filter_\$=1 (FILTER)
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	584
Syntax		NPTESTS /INDEPENDENT TEST (total_score) GROUP (gender) MANN_WHITNEY /MISSING SCOPE=ANALYSIS USERMISSING=EXCLUDE /CRITERIA ALPHA=0.1 CILEVEL=95.
Resources	Processor Time	00:00:01.73
	Elapsed Time	00:00:01.56

Hypothesis Test Summary

	Null Hypothesis	Test	Sig. ^{a,b}
1	The distribution of total_score is the same across categories of gender.	Independent-Samples Mann-Whitney U Test	.010

Hypothesis Test Summary

	Decision
1	Reject the null hypothesis.

a. The significance level is .100.

b. Asymptotic significance is displayed.

Independent-Samples Mann-Whitney U Test

total_score across gender

Independent-Samples Mann-Whitney U Test Summary

Total N	584
Mann-Whitney U	43273.000
Wilcoxon W	63373.000
Test Statistic	43273.000
Standard Error	1897.003
Standardized Test Statistic	2.569
Asymptotic Sig.(2-sided test)	.010

Independent-Samples Mann-Whitney U Test

gender

