```
 GET DATA
  /TYPE=XLSX
  /FILE='D:\APPI Analysis\Gender Based Questions\Gender Questions APPI Data.xl
sx'
  /SHEET=name 'Sheet1'
  /CELLRANGE=FULL
  /READNAMES=ON
  /DATATYPEMIN PERCENTAGE=95.0
  /HIDDEN IGNORE=YES.
EXECUTE.
DATASET NAME DataSet1 WINDOW=FRONT.
*Nonparametric Tests: Independent Samples.
NPTESTS
  /INDEPENDENT TEST (NormalizedScores) GROUP (gender) MANN_WHITNEY
  /MISSING SCOPE=ANALYSIS USERMISSING=EXCLUDE
  /CRITERIA ALPHA=0.05  CILEVEL=95.
```

Nonparametric Tests

Notes

Output Created		06-JUL-2024 13:28:22
Comments		
Input	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	406
Syntax		NPTESTS /INDEPENDENT TEST (NormalizedScores) GROUP (gender) MANN_WHITNEY /MISSING SCOPE=ANALYSIS USERMISSING=EXCLUDE /CRITERIA ALPHA=0.05 CILEVEL=95.
Resources	Processor Time	00:00:00.39
	Elapsed Time	00:00:00.76

[DataSet1]

Hypothesis Test Summary

	Null Hypothesis	Test	Sig.
1	The distribution of Normalized Scores is the same across categories of gender.	Independent-Samples Mann-Whitney U Test	.000

Hypothesis Test Summary

	Decision
1	Reject the null hypothesis.

Asymptotic significances are displayed. The significance level is .050.

Independent-Samples Mann-Whitney U Test

Normalized Scores across gender

Independent-Samples Mann-Whitney U Test Summary

Total N	406
Mann-Whitney U	8852.500
Wilcoxon W	14738.500
Test Statistic	8852.500
Standard Error	1044.338
Standardized Test Statistic	-6.932
Asymptotic Sig.(2-sided test)	.000

Independent-Samples Mann-Whitney U Test

gender

Continuous Field Information Normalized Scores

N = 406
Min = -3.049105636471550
Max = 2.401692689181640
Mean = -.0000000596693856
Std. Dev. = 1.00000022295648000

Frequency (y-axis): 0, 20, 40, 60, 80

Normalized Scores (x-axis): -4.0000000000000000, -2.0000000000000000, .0000000000000000, 2.0000000000000000

Categorical Field Information gender