```
 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 (race_cat)
  /MISSING SCOPE=ANALYSIS USERMISSING=EXCLUDE
  /CRITERIA ALPHA=0.05  CILEVEL=95.
```

Nonparametric Tests

Notes

Output Created		18-JUL-2024 21:00:42
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 (race_cat) /MISSING SCOPE=ANALYSIS USERMISSING=EXCLUDE /CRITERIA ALPHA=0.05 CILEVEL=95.
Resources	Processor Time	00:00:00.52
	Elapsed Time	00:00:01.32

[DataSet1]

Hypothesis Test Summary

	Null Hypothesis	Test	Sig.
1	The distribution of Normalized Scores is the same across categories of race_cat.	Independent-Samples Kruskal-Wallis Test	.005

Hypothesis Test Summary

	Decision
1	Reject the null hypothesis.

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

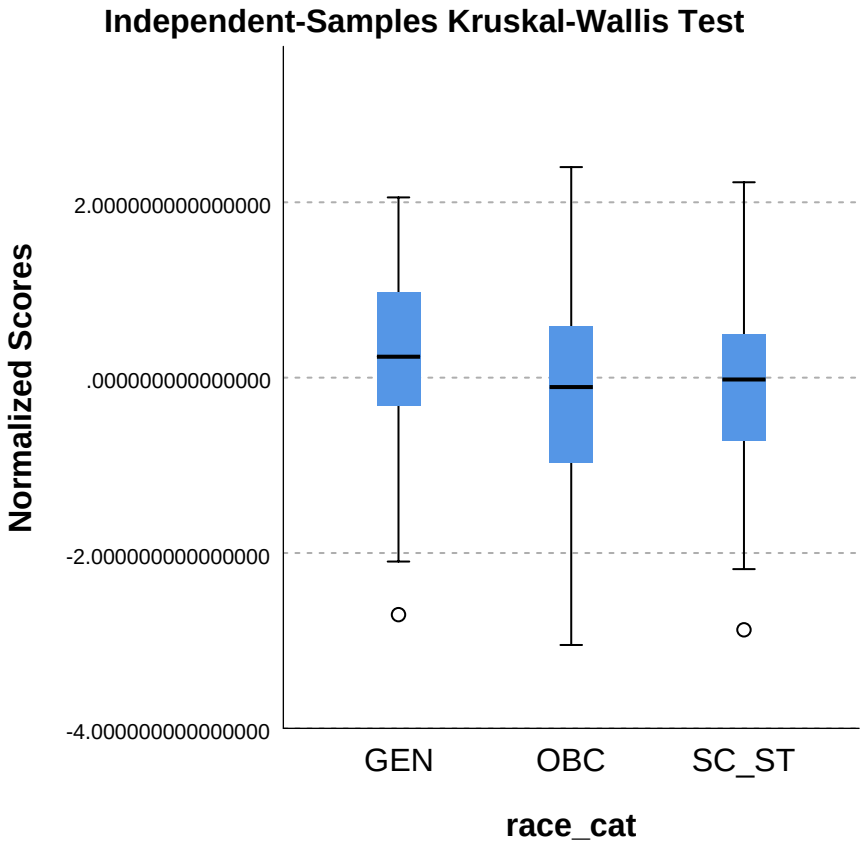
Independent-Samples Kruskal-Wallis Test

Normalized Scores across race_cat

Independent-Samples Kruskal-Wallis Test Summary

Total N	406
Test Statistic	10.660[a]
Degree Of Freedom	2
Asymptotic Sig.(2-sided test)	.005

a. The test statistic is adjusted for ties.



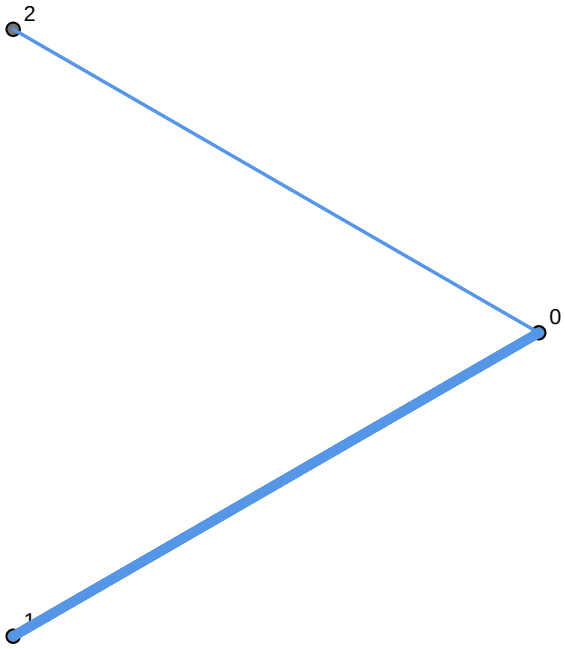
Pairwise Comparisons of race_cat

Sample 1-Sample 2	Test Statistic	Std. Error	Std. Test Statistic	Sig.	Adj. Sig.[a]
OBC-SC_ST	-.956	14.612	-.065	.948	1.000
OBC-GEN	41.596	15.638	2.660	.008	.023
SC_ST-GEN	40.640	13.625	2.983	.003	.009

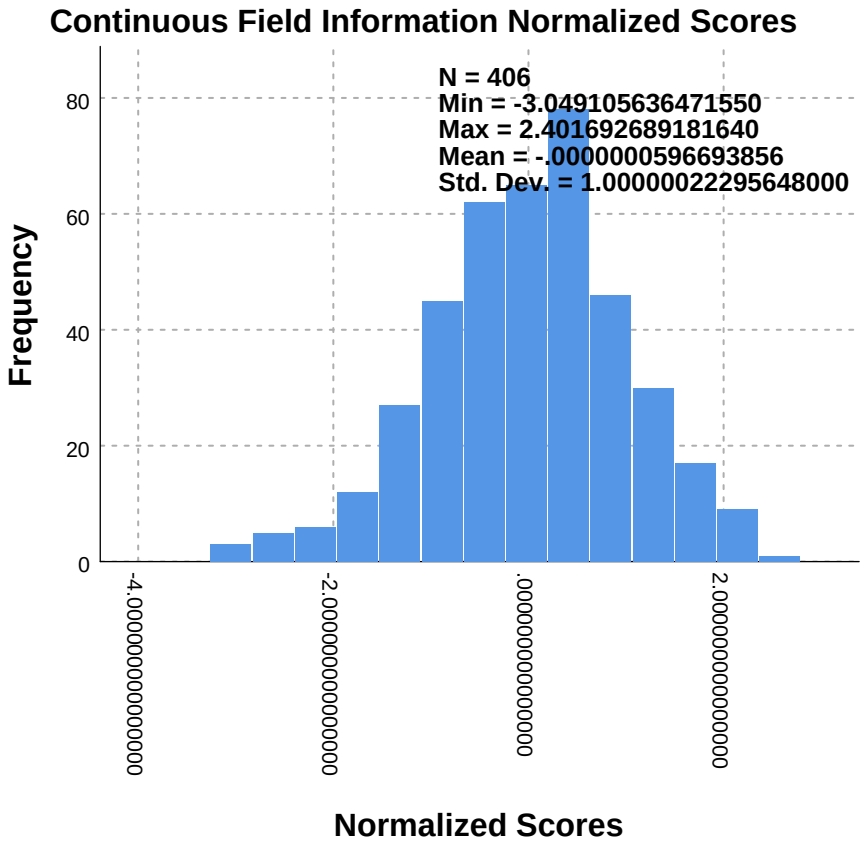
Each row tests the null hypothesis that the Sample 1 and Sample 2 distributions are the same. Asymptotic significances (2-sided tests) are displayed. The significance level is .05.

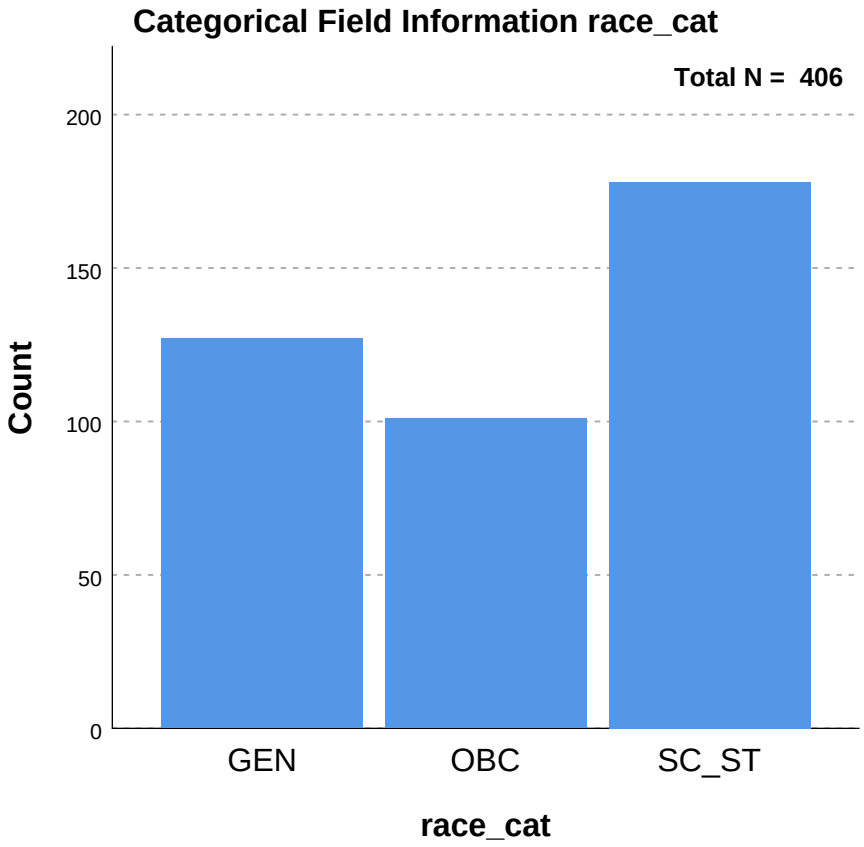
a. Significance values have been adjusted by the Bonferroni correction for multiple tests.

Pairwise Comparisons of race_cat



Each node shows the sample average rank of race_cat.


Continuous Field Information Normalized Scores
N = 406
Min = -3.049105636471550
Max = 2.401692689181640
Mean = -.0000000596693856
Std. Dev. = 1.00000022295648000
Frequency
80
60
40
20
0
-4.000000000000000
-2.000000000000000
.000000000000000
2.000000000000000
Normalized Scores


Categorical Field Information race_cat
Total N = 406
Count
200
150
100
50
0
GEN
OBC
SC_ST
race_cat