

```
UNIANOVA NormalizedScores BY race_cat
/METHOD=SSTYPE(3)
/INTERCEPT=INCLUDE
/POSTHOC=race_cat(TUKEY)
/PRINT DESCRIPTIVE
/CRITERIA=ALPHA(.05)
/DESIGN=race_cat.
```

Univariate Analysis of Variance

Notes		
Output Created		10-JUN-2024 11:33:03
Comments		
Input	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	406
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		UNIANOVA NormalizedScores BY race_cat /METHOD=SSTYPE(3) /INTERCEPT=INCLUDE /POSTHOC=race_cat (TUKEY) /PRINT DESCRIPTIVE /CRITERIA=ALPHA(.05) /DESIGN=race_cat.
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.01

Between-Subjects Factors

		N
race_cat	GEN	127
	OBC	101
	SC_ST	178

Descriptive Statistics

Dependent Variable: Normalized Scores

race_cat	Mean	Std. Deviation	N
GEN	.1831055734	.9765053593	127
OBC	-.040538947	1.051774504	101
SC_ST	-.107189124	.9735181689	178
Total	.0001978083	.9999883147	406

Tests of Between-Subjects Effects

Dependent Variable: Normalized Scores

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	6.469 ^a	2	3.235	3.271	.039
Intercept	.054	1	.054	.054	.816
race_cat	6.469	2	3.235	3.271	.039
Error	398.521	403	.989		
Total	404.991	406			
Corrected Total	404.991	405			

a. R Squared = .016 (Adjusted R Squared = .011)

Post Hoc Tests

race_cat

Multiple Comparisons

Dependent Variable: Normalized Scores

Tukey HSD

(I) race_cat	(J) race_cat	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
GEN	OBC	.2236445207	.1325800532	.211	-.088237467	.5355265085
	SC_ST	.290294697*	.1155078156	.033	.0185735273	.5620158667
OBC	GEN	-.223644521	.1325800532	.211	-.535526508	.0882374670
	SC_ST	.0666501763	.1238810069	.853	-.224768131	.3580684834
SC_ST	GEN	-.290294697*	.1155078156	.033	-.562015867	-.018573527
	OBC	-.066650176	.1238810069	.853	-.358068483	.2247681308

Based on observed means.

The error term is Mean Square(Error) = .989.

*. The mean difference is significant at the .05 level.

Homogeneous Subsets

Normalized Scores

Tukey HSD^{a,b,c}

race_cat	N	Subset 1
SC_ST	178	-.107189124
OBC	101	-.040538947
GEN	127	.1831055734
Sig.		.052

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = .989.

a. Uses Harmonic Mean Sample Size = 128.244.

b. The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.

c. Alpha = .05.