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UNIANOVA StandardizedQuestionScoresBY QuestionCategory
/METHOD=SSTYPE(3)
/INTERCEPT=INCLUDE
/POSTHOC=QuestionCategory(TUKEY)
/CRITERIA=ALPHA(0.05)
/DESIGN=QuestionCategory
```

Univariate Analysis of Variance

Notes		
Output Created		22-JUN-2024 00:06:44
Comments		
Input	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	64
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 StandardizedQuestionScores BY QuestionCategory /METHOD=SSTYPE(3) /INTERCEPT=INCLUDE /POSTHOC=QuestionCategory(TUKEY) /CRITERIA=ALPHA(0.05) /DESIGN=QuestionCateg...
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.04

Between-Subjects Factors

		N
Question Category	Caste	20
	Gender	25
	Politics	6
	Religion	13

Tests of Between-Subjects Effects

Dependent Variable: Standardized Question Scores

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	2.148 ^a	3	.716	.706	.552
Intercept	.228	1	.228	.225	.637
QuestionCategory	2.148	3	.716	.706	.552
Error	60.852	60	1.014		
Total	63.000	64			
Corrected Total	63.000	63			

a. R Squared = .034 (Adjusted R Squared = -.014)

Post Hoc Tests

Question Category

Multiple Comparisons

Dependent Variable: Standardized Question Scores

Tukey HSD

(I) Question Category	(J) Question Category	Mean Difference (I-J)	Std. Error	Sig.
Caste	Gender	-.139100982	.3021219136	.967
	Politics	-.425334000	.4687669916	.801
	Religion	-.471367117	.3587825135	.558
Gender	Caste	.1391009819	.3021219136	.967
	Politics	-.286233018	.4578215058	.924
	Religion	-.332266135	.3443587240	.770
Politics	Caste	.4253340002	.4687669916	.801
	Gender	.2862330183	.4578215058	.924
	Religion	-.046033116	.4970390050	1.000
Religion	Caste	.4713671167	.3587825135	.558
	Gender	.3322661347	.3443587240	.770
	Politics	.0460331164	.4970390050	1.000

Multiple Comparisons

Dependent Variable: Standardized Question Scores

Tukey HSD

(I) Question Category	(J) Question Category	95% Confidence Interval	
		Lower Bound	Upper Bound
Caste	Gender	-.937464523	.6592625596
	Politics	-1.66406068	.8133926816
	Religion	-1.41945749	.4767232575
Gender	Caste	-.659262560	.9374645235
	Politics	-1.49603602	.9235699861
	Religion	-1.24224134	.5777090709
Politics	Caste	-.813392682	1.664060682
	Gender	-.923569986	1.496036023
	Religion	-1.35946919	1.267402958
Religion	Caste	-.476723257	1.419457491
	Gender	-.577709071	1.242241340
	Politics	-1.26740296	1.359469191

Based on observed means.

The error term is Mean Square(Error) = 1.014.

Homogeneous Subsets

Standardized Question Scores

Tukey HSD^{a,b,c}

Question Category	N	Subset 1
Caste	20	-.189957829
Gender	25	-.050856847
Politics	6	.2353761711
Religion	13	.2814092875
Sig.		.663

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = 1.014.

- a. Uses Harmonic Mean Sample Size = 11.991.
- b. The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.
- c. Alpha = 0.05.