

16. Dearborn School of Education

Coded: Active, Eight Month, Assistant, Associate, and Full Professor

Univariate Analysis of Variance

Notes

Output Created		22-MAY-2006 18:40:09
Comments		
Input	Data	C:\Documents and Settings\Thomas Callahan\My Documents\CESF\Salary data.sav
	Filter	school = 16 & active = 1 & apptper = 3 (FILTER)
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	31
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		<pre> UNIANOVA annual_f BY gender rank /METHOD = SSTYPE(3) /INTERCEPT = INCLUDE /PRINT = DESCRIPTIVE /CRITERIA = ALPHA(.05) /DESIGN = gender rank gender*rank . </pre>
Resources	Elapsed Time	0:00:00.19

Between-Subjects Factors

		Value Label	N
GENDER	1.00	Male	13
	2.00	Female	10
RANK	1.00	Assistant Professor	11
	2.00	Associate Professor	9
	3.00	Professor	3

Descriptive Statistics

Dependent Variable: Annual FTR

GENDER	RANK	Mean	Std. Deviation	N
Male	Assistant Professor	50550.50	2049.232	6
	Associate Professor	60383.60	4892.081	5
	Professor	94980.00	21908.997	2
	Total	61167.77	17230.539	13
Female	Assistant Professor	50471.60	1454.565	5
	Associate Professor	57421.75	2897.136	4
	Professor	75738.00	.	1
	Total	55778.30	8052.894	10
Total	Assistant Professor	50514.64	1716.880	11
	Associate Professor	59067.22	4189.341	9
	Professor	88566.00	19063.584	3
	Total	58824.52	13997.589	23

Tests of Between-Subjects Effects

Dependent Variable: Annual FTR

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	3680140785.089(a)	5	736028157.018	19.849	.000
Intercept	65501722711.814	1	65501722711.814	1766.458	.000
GENDER	214325588.876	1	214325588.876	5.780	.028
RANK	2615089206.055	2	1307544603.028	35.262	.000
GENDER * RANK	197770229.679	2	98885114.839	2.667	.098
Error	630373952.650	17	37080820.744		
Total	83897974968.000	23			
Corrected Total	4310514737.739	22			

a R Squared = .854 (Adjusted R Squared = .811)