

## 10. School of Nursing

**Coded: Active, Nine Month, Assistant, Associate, and Full Professor**

### Univariate Analysis of Variance

#### Notes

Output Created		22-MAY-2006 18:32:39
Comments		
Input	Data	C:\Documents and Settings\Thomas Callahan\My Documents\CESF\Salary data.sav
	Filter	school = 10 & active = 1 & apptper = 1 (FILTER)
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	73
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 annual_f BY gender rank /METHOD = SSTYPE(3) /INTERCEPT = INCLUDE /PRINT = DESCRIPTIVE /CRITERIA = ALPHA(.05) /DESIGN = gender rank gender*rank .
Resources	Elapsed Time	0:00:00.14

#### Between-Subjects Factors

		Value Label	N
GENDER	1.00	Male	3
	2.00	Female	29
RANK	1.00	Assistant Professor	11
	2.00	Associate Professor	11
	3.00	Professor	10

### Descriptive Statistics

Dependent Variable: Annual FTR

GENDER	RANK	Mean	Std. Deviation	N
Male	Professor	99001.78	8384.714	3
	Total	99001.78	8384.714	3
Female	Assistant Professor	65792.23	2789.768	11
	Associate Professor	89347.32	10074.257	11
	Professor	110934.63	11978.672	7
	Total	85623.36	19745.566	29
Total	Assistant Professor	65792.23	2789.768	11
	Associate Professor	89347.32	10074.257	11
	Professor	107354.78	12021.110	10
	Total	86877.59	19297.385	32

### Tests of Between-Subjects Effects

Dependent Variable: Annual FTR

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	9449788052.289(a)	3	3149929350.763	42.114	.000
Intercept	132931813814.126	1	132931813814.126	1777.271	.000
GENDER	299025347.814	1	299025347.814	3.998	.055
RANK	8963180701.580	2	4481590350.790	59.918	.000
GENDER * RANK	.000	0	.	.	.
Error	2094272998.759	28	74795464.241		
Total	253070946027.741	32			
Corrected Total	11544061051.048	31			

a R Squared = .819 (Adjusted R Squared = .799)