

## **Incumbency v. Estimated Availability Detail**

kendall2003 12/11/2002

### **Comparison Test**

**Two Standard Deviation Test [Small JG: JG Size  $\leq$  50, Exact Binomial]**

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Job Group	Total Incumbents (#)	Category	Incumbents (#)	Incumbency (%)	Availability (%)	Expected Incumbents (#)	Difference (#) Exp. minus Inc.	Job Group Size	Number of Standard Deviations	Binomial Probability	Less than Reasonably Expected?
104 Executives - FSU/GR	2	Female Minority	1 0	50.00 0.00	38.90 11.67	0.8 0.2	0.2 -0.2	Small Small	0.32 -0.51	<sup>1</sup> 0.8487 <sup>1</sup> 0.7802	
216 Faculty - KCAD/Full-time	40	Female Minority	18 2	45.00 5.00	46.02 11.01	18.4 4.4	-0.4 -2.4	Small Small	-0.13 -1.21	<sup>1</sup> 0.5132 0.3366	
217 Faculty - KCAD/Adjunct	64	Female Minority	28 5	43.75 7.81	41.84 11.39	26.8 7.3	1.2 -2.3		0.31 -0.90		
218 Faculty - CPTS/Adjunct	9	Female Minority	6 0	66.67 0.00	38.22 15.83	3.4 1.4	2.6 -1.4	Small Small	1.76 -1.30	<sup>1</sup> 0.9809 0.4242	
309 Professionals - KCAD/FSU-GR	16	Female Minority	12 0	75.00 0.00	50.68 13.57	8.1 2.2	3.9 -2.2	Small Small	1.95 -1.58	<sup>1</sup> 0.9878 0.1940	
310 Support Para-Pros. KCAD/FSU-GR	12	Female Minority	11 0	91.67 0.00	71.86 5.57	8.6 0.7	2.4 -0.7	Small Small	1.53 -0.84	<sup>1</sup> 0.9810 <sup>1</sup> 0.5026	
802 Service - KCAD/FSU-GR	3	Female Minority	0 2	0.00 66.67	32.97 15.47	1.0 0.5	-1.0 1.5	Small Small	-1.21 2.45	0.6022 <sup>1</sup> 0.9963	
902 Part-time Clerical	4	Female Minority	4 0	100.00 0.00	82.26 7.35	3.3 0.3	0.7 -0.3	Small Small	0.93 -0.56	<sup>1</sup> 1.0000 <sup>1</sup> 0.7367	
903 Part-time Technicians	2	Female Minority	0 0	0.00 0.00	48.90 6.47	1.0 0.1	-1.0 -0.1	Small Small	-1.38 -0.37	0.5222 <sup>1</sup> 0.8749	
904 Part-time Support Para-Prof.	4	Female Minority	1 0	25.00 0.00	32.87 4.42	1.3 0.2	-0.3 -0.2	Small Small	-0.34 -0.43	<sup>1</sup> 0.6008 <sup>1</sup> 0.8347	
905 Part-time Service	1	Female Minority	0 0	0.00 0.00	67.20 13.39	0.7 0.1	-0.7 -0.1	Small Small	-1.43 -0.39	0.6560 <sup>1</sup> 0.8661	
906 Temp. Administrative	2	Female Minority	1 0	50.00 0.00	46.19 8.67	0.9 0.2	0.1 -0.2	Small Small	0.11 -0.44	<sup>1</sup> 0.7866 <sup>1</sup> 0.8341	
Facility Total	159	Female Minority	82 9								

*Comparison of Incumbency to Availability is performed using the Two Standard Deviation Test [Small JG: JG Size <= 50, Exact Binomial]*

Yes indicates Number of Standard Deviations <= -2.00

Yes\* indicates Probability <= 0.0500

<sup>1</sup> indicates one-tail probabilities that have not been doubled