

(SLIDE 79) AT CL 95% P CRITICAL .05

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Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	113.669 ^a	6	.000
Likelihood Ratio	113.226	6	.000
Linear-by-Linear Association	23.462	1	.000
N of Valid Cases	1541		

ACTUAL

(SLIDE 98)

.000 < .05
 SO YES, THERE IS AN ASSOCIATION.

a. 1 cells (8.3%) have expected count less than 5. The minimum expected count is 1.25.

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Symmetric Measures

		Value	Asymptotic Standard Error ^a	Approximate T ^b	Approximate Significance
Nominal by Nominal	Phi	.272			.000
	Cramer's V	.192			.000
Ordinal by Ordinal	Kendall's tau-b	-.132	.025	-5.350	.000
	Kendall's tau-c	-.103	.019	-5.350	.000
N of Valid Cases		1541			

(SLIDE 105) $\frac{N}{N}$
 $C_v = .192$ $\frac{3 \times 4}{1}$

WEAK

(SLIDE 106)

- a. Not assuming the null hypothesis.
- b. Using the asymptotic standard error assuming the null hypothesis.