

Chi-square test for the related samples

The FREQ Procedure

Frequency Percent Row Pct Col Pct	Table of stress by time				
	stress	time			
		Long, Over 45 minutes	Moderate, 15-45 minutes	Short, Under 15 minutes	Total
	High	18	17	9	44
		15.52	14.66	7.76	37.93
		40.91	38.64	20.45	
		58.06	32.08	28.13	
	Low	7	28	18	53
		6.03	24.14	15.52	45.69
		13.21	52.83	33.96	
		22.58	52.83	56.25	
Moderate		6	8	5	19
		5.17	6.90	4.31	16.38
		31.58	42.11	26.32	
		19.35	15.09	15.63	
Total		31	53	32	116
		26.72	45.69	27.59	100.00

Statistics for Table of stress by time

Statistic	DF	Value	Prob
Chi-Square	4	9.8311	0.0434
Likelihood Ratio Chi-Square	4	10.2182	0.0369
Mantel-Haenszel Chi-Square	1	2.1388	0.1436
Phi Coefficient		0.2911	
Contingency Coefficient		0.2795	
Cramer's V		0.2059	

Sample Size = 116

