

## Chi-Squared Test

### Person\_state\*Accident\_severity

		Accident_severity			
		slight	heavy	TOTAL	
Person_state	BAL 0	observed	831	320	1151
		expected	806.98092	344.01908	1151
		row %	72.19809	27.80191	100
		column %	94.21769	85.10638	91.49444
		total %	66.05723	25.4372	91.49444
		Residual	24.01908	-24.01908	
		std. Res.	0.84552	-1.29499	
		observed	51	56	107
		expected	75.01908	31.98092	107
		row %	47.66355	52.33645	100
BAL > 0		column %	5.78231	14.89362	8.50556
		total %	4.05405	4.45151	8.50556
		Residual	-24.01908	24.01908	
		std. Res.	-2.77313	4.24728	
		observed	882	376	1258
TOTAL		expected	882	376	1258
		row %	70.11129	29.88871	100
		column %	100	100	100
		total %	70.11129	29.88871	100

## Chi-Squared Test

	Value	df	asyp. p (2-sided)	exact p (2-sided)	exact p (1-sided)
# Pearson Chi-Squared	28.12154	1	0.000		
Likelihood Ratio	25.8056	1	0.000		
McNemar Chi-Squared	195.04313	1	0.000	0.000	0.000
° McNemar Exact				0.000	0.000
Fisher Exact					
Valid N	1258				

# 0 (0 %) cells have expected count less than 5

° Binomial distribution used

## Symmetric measures I

	Value	p
<b>Contingency Coeff.</b>	0.14787	1.13931e-7
<b>Phi</b>	0.14951	1.13931e-7
<b>Cramer V</b>	0.14951	1.13931e-7
<b>Valid N</b>	1258	

## Symmetric measures II

	Value	H1 Asymp. Std. Error	H0 Approx. T	H0 Approx. Sig. °
<b>Cohen Kappa</b>	0.11464	0.02477	5.30297	0.000
<b>Kendall tau-b</b>	0.14951	0.03103	4.53318	0.000
<b>Kendall tau-c</b>	0.07637	0.01685	4.53318	0.000
<b>Valid N</b>	1258			

° Asymp. Std. Error H0 used