

Question #71**Answer is A**

No. claims	Hypothesized	Observed	Chi-square
1	250	235	$15^2/250 = 0.90$
2	350	335	$15^2/350 = 0.64$
3	240	250	$10^2/240 = 0.42$
4	110	111	$1^2/110 = 0.01$
5	40	47	$7^2/40 = 1.23$
6+	10	22	$12^2/10 = 14.40$

The last column sums to the test statistic of 17.60 with 5 degrees of freedom (there were no estimated parameters), so from the table reject at the 0.005 significance level.