

Homework 9

Name _____

Consider the following table:

	<i>Reportedly has seen a Ghost</i>		
	Yes	No	Total
Aged 18 to 29	212	1313	1525
Aged 30 or over	465	3912	4377
Total	677	5225	5902

Source: The Roper Organization, 1992, pg. 35

1. Given that someone has seen a ghost, what is the probability they are over 30?
2. Compute the relative risk for those that have seen a ghost by age group.
3. Compute the increased risk for those that have seen a ghost by age group.
4. State the Null and Alternative Hypotheses.
 H_0 :
 H_A :
5. Using Minitab, compute the chi-squared statistic.
6. What do you conclude about the relationship between age group and reportedly seeing a ghost?