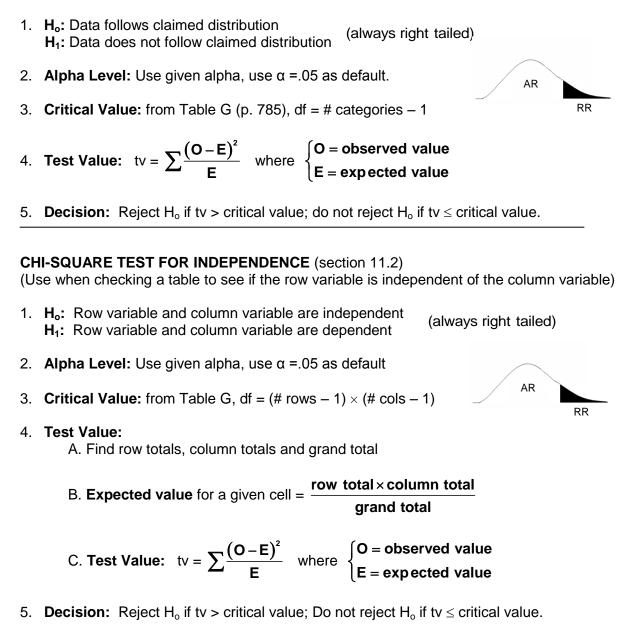
## CHI-SQUARE $\chi^2$ (Chapter 11)

**CHI-SQUARE TEST FOR GOODNESS OF FIT** (section 11.1, pages 591 – 596 only) (Use when checking if data follows a given pattern or distribution)



## CHI-SQUARE TEST FOR HOMOGENEITY OF PROPORTIONS (section 11.2)

(Use when data in table is based on yes/no choice or claim is related to a series of proportions)

1.  $H_{o}$ :  $p_1 = p_2 = ... = p_n$ H<sub>1</sub>: At least one population proportion is different from the others (al

(always right tailed)

2. – 5. Same as Test for Independence above