

## Goodness of Fit Lecture 19

### I. Objectives

At the end of this series of lectures you should be able to:

- A. Define terms.
- B. Understand the rationale and basis for goodness of fit methods.
- C. Describe the different types of  $\chi^2$ -tests.
- D. Perform  $\chi^2$  tests of independence and goodness of fit.

### II. Key Concepts and Terms

Expected

Observed

$\chi^2$  Goodness of Fit

$\chi^2$  test of independence

Yates correction