

The reference books below have proven to be helpful in statistical consulting. Many other books could serve as excellent references. Most of these are on 3-day reserve at Wendt Library.

General and/or Experimental Design

Box, Hunter and Hunter (1978), *Statistics for Experimenters*, Wiley

Cochran and Cox (1950), *Experimental Designs*, 2nd ed., Wiley

Snedecor and Cochran (1980), *Statistical Methods*, 7th ed., Iowa State University Press

Linear Models (Regression and Analysis of Variance)

Chatterjee and Price (1977), *Regression Analysis by Example*, Wiley

Draper and Smith (1981), *Applied Regression Analysis*, 2nd ed., Wiley

Hocking (1985), *The Analysis of Linear Models*, Brooks/Cole

Neter and Wasserman (1974), *Applied Linear Statistical Models*, Richard D. Irvin

Scheffe (1959), *The Analysis of Variance*, Wiley

Searle (1971), *Linear Models*, Wiley

Seber (1977), *Linear Regression Analysis*, Wiley

Winer (1971), *Statistical Principles in Experimental Design*, McGraw-Hill

Nonparametric Techniques

Conover (1980), *Practical Nonparametric Statistics*, 2nd ed., Wiley

Lehman (1975), *Nonparametrics*, Holden-Day

Categorical Data

Bishop, Fienberg, Holland (1975), *Discrete Multivariate Analysis*, MIT

Everitt (1977), *The Analysis of Contingency Tables*, Halsted

Fienberg (1980), *The Analysis of Cross-Classified Categorical Data*, 2nd ed., MIT

Multivariate Analysis

Anderson (1984), *An Introduction to Multivariate Statistical Analysis*, 2nd ed., Wiley

Gnanadesikan (1977), *Methods for Statistical Data Analysis of Multivariate Observations*, Wiley

Morrison (1976), *Multivariate Statistical Methods*, McGraw-Hill

Seber (1984), *Multivariate Observations*, Wiley

Data Analytical Topics

Bates and Watts (1988), *Nonlinear Regression Analysis and Its Applications*, Wiley

Cox and Snell (1981), *Applied Statistics, Principles and Examples*, Chapman and Hall

Milliken and Johnson (1984), *Analysis of Messy Data* Vol. 1, Lifetime Learning

Mosteller and Tukey (1977), *Data Analysis and Regression*, Addison-Wesley

Tukey (1977), *Exploratory Data Analysis*, Addison-Wesley

Statistical Graphics

Chambers et al. (1983), *Graphical Methods for Data Analysis*, Wadsworth

Tufte (1983), *The Visual Display of Quantitative Information*, Graphics Press, Cheshire, Conn.

Cleveland (1985), *The Elements of Graphing Data*, Wadsworth

Miscellaneous

Boen and Zahn (1982), *The Human Side of Statistical Consulting*, Lifetime Learning

Box and Jenkins (1977), *Time Series Analysis*, Holden-Day

Chatfield (1995), *Problem solving: A statistician's guide*, 2nd ed, CRC Press/Chapman & Hill

Cochran (1977), *Sampling Techniques*, 3rd ed., Wiley

Johnson and Kotz (1969-1972) four volumes on *Distributions in Statistics*, Wiley

Yandell (1997), *Practical Data Analysis for Designed Experiments*