KAAP 602

Statistics

Lecture #4 Notes

1. Introduce multiple regression
   1. Uses 2 or more predictor variables to explain or predict dependent variable.
   2. Total R consists of multiple semipartial correlations
   3. R2 is equal to the sum of the semipartial correlations squared.
   4. Standard error of Estimate
   5. Use of b-weights
   6. Use of Beta weights
   7. Checking for tolerance
      1. What to do if multicollinearity is present
   8. Checking for linearity
   9. Identifying significant variables
2. Review of Regression Vocbulary
3. Running the program and other practical matters
   1. Method Enter
   2. Method Stepwise
   3. Method Forward
   4. Method Backward
   5. Show example
   6. How many cases?
   7. Cross validation