Evaluation Measures

Data Mining & Machine Learning
(F20DL/F21DL)

Overview

- Effectiveness and credibility
  - How much should we trust the predictions we make?
  - What measures can we use?
  - How should we measure?
- What data should we measure on?
- Summary/Discussion

Review (Remember?)

- Basic statistics
  - Mean, standard deviation ...
- Comparing samples to populations
  - Estimating the population mean from a sample mean
- Predicting the value of one attribute from another (or several others)
  - Correlation and regression