## Traditional Methods of Using ROC Plots

---

ROC = "Receiver Operating Characteristic"

- about 50 years old
- widely used in medicine
- software available

Visualization of FP-TP tradeoff

- steep slope = favourable tradeoff

Area Under ROC curve summarizes performance

---

Provost and Fawcett: key principle

DO NOT reduce performance to a single number.

If curves cross one is better in some circumstances, theother is better in other circumstances.