

STANFORD UNIVERSITY
DEPARTMENT OF STATISTICS
DEPARTMENTAL SEMINAR

4:15 p.m., Tuesday, January 25, 2005
Sequoia Hall Room 200
(Cookies at 3:45 in 1st Floor Lounge)

Jonathan Taylor
Department of Statistics
Stanford University

Detecting electoral fraud: a case study from Venezuela

Abstract:

In this talk, we superficially address the general problem of detecting electoral fraud, specifically electronic vote tampering. While there have been many allegations in recent months, we focus on a particular case in which the data is relatively clean: a recently held election in Venezuela to decide whether or not to recall sitting president Hugo Chavez.

The talk focuses on describing some of the political context, the dataset and a simple Poisson model for a "fair" election.