The Math Ad Hoc Committee presents a talk by

Weiwen Miao
Mount Holyoke College

The Use of Statistics in the Legal System

Abstract

Many standard statistical procedures require that the underlying distribution follows a bell-shaped normal curve. However, if such procedures are blindly applied to non-normal data, unjustified or incorrect conclusions can be reached. In legal cases, this can impact the outcome of a trial. Such a problem occurred in a security law case for which I served as a statistical consultant. For the same data set, completely different results were obtained, depending on whether normality was assumed or not.

Wednesday, February 14, 2007
Tea at 4:00 PM, Talk at 4:15PM
KINSC--Hilles 109

Tea at 4:00 p.m. will be in KINSC H208
Math Lounge