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*Fisher's Test and the Ubiquity of Small Samples.*

When considering the problem of whether or not discrimination has occurred, the legal system often relies on a truism that statistics cannot be applied to small samples. But statistical tests on small samples do exist, and by ignoring them, the court risks permitting gross injustices. Fisher's Exact Test is both simple and easy to do "by hand," but most introductory statistics courses give it scant, if any, attention. We present examples where Fisher's Exact Test could have been applied in civil and criminal cases, and argue that the courtroom context may be the best way to introduce the notion of statistical significance. (Received June 23, 2012)