

Fairness in Statistical Data Analysis

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Statistical analysis of data is increasingly used to drive predictions and inform consequential decisions about individuals; examples range from estimating a felon's recidivism risk to determining whether a patient is a good candidate for a medical treatment. There is, however, a growing concern that these tools may inadvertently (or not) discriminate against individuals or groups. This talk will provide a non-technical introduction to recent work in the field of computer science on defining and preventing discrimination in machine learning contexts