**Basic statistic tool adapted for discrimination data analysis**

* statistic test and confidence interval, k × 2 contingency tables, regression analysis and casual reasoning

**Four mainstream groups of studies**:

*Observation studies:*

*Observation studies 1: labor economic perspective*

* Taste-based discrimination, OLS regression, Becker discrimination index

*Observation studies 2: racial profiling*

* equilibrium model

*Observational studies 3: credit and consumer markets*

* Multivariate regression models

*Observational studies 4: other contexts*

* Discrimination in healthcare: “traditional disparities” probit model

*Quasi-experimental*

* net rate of discrimination, OLS regression

*Experimental*

* example: natural experiment based on the Weakest Link television game show, regression model

*Knowledge discovery*

* Discrimination discovery from data, Discrimination prevention in data mining



