L10 Assignment

Topic: UC Berkeley Gender Discrimination – Simpson’s Paradox

URL/Source:

<https://www.refsmmat.com/posts/2016-05-08-simpsons-paradox-berkeley.html>

<http://rationalwiki.org/wiki/Simpson's_paradox#Example_1_-_Berkeley.E2.80.99s_sex_bias_case>

Summary:

UC Berkeley was accused of gender discrimination when looking at the overall data of admission: the overall trend seems to indicate that women have lower admission rate than men. However, when we breakdown the statistic and look at the admission rate by department, it turns out that the bias in-favor for women. Women tend to apply for majors with lower acceptance rate, but they have a higher admission rate. This is an example of the Simpson’s paradox at play, where combining data have lead to a misleading result.