

Undergraduate Prospects After Graduation



Jason Sun, Erika Tang, Zhiyi Tang, David Zimmerman

Question

- What are the job placement and graduate school opportunities available to Carnegie Mellon Undergraduates?



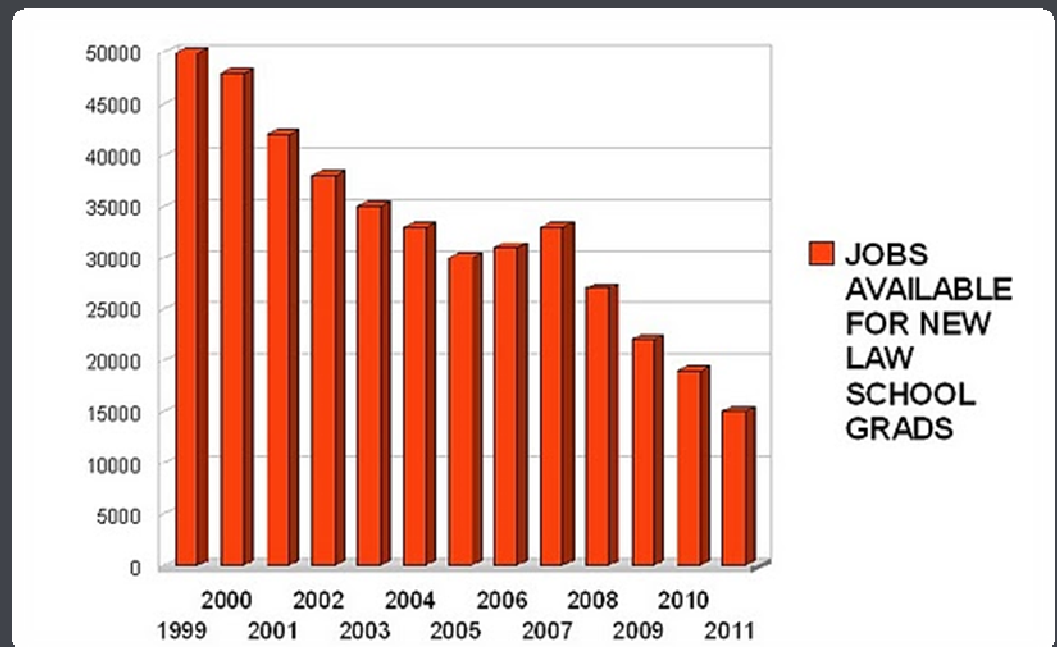
Motivation

- Evidence that law schools have been inflating job placement ratings
- Many students choose to take out massive loans in order to gain more education, but can they really pay it off how



Overview

- Questionnaire
- Our Data
- Sample Selection
- Method
- Set Backs
- Nonresponse
- Successes
- Analysis
- What is Left



“Questionnaire”

- Employment Rates
- Graduate School Opportunities
- Corr(Major, Job)
- Distance from Pittsburgh
- Salaries
- Survey methods



Our Data



- From the Career Center
- Includes almost all of the students who graduate as undergraduates from CMU
- Constructing Frame from response to surveys
- <http://www.studentaffairs.cmu.edu/career/Students/gps1/explore/survey/pdf/statistics-2009-post-grad-one-sheet.pdf>



Sample Selection

- Original Calculations for Proportions
 - 95% CI, ME = .05
 - FPC with N = 1200 (estimate)
 - n = 292
- Meta Analysis
 - n= 100, 300, 600, 900



Method

- Compile all Career Center data
- Enter additional data
- Test various survey methods



Glitches

- Data lacking uniform
- Some data is aggregate
- Non-response units
 - Bias?
- Graduate school rankings
 - Fiske and US News
- Actual vs. perceived job correlation



Non-response

- Already have data!
- Have response rates



Successes

- Career Center cooperation
- Beginnings of data synthesis



Analysis

CMU Prospects

- CMU grads vs. other university grads

Effectiveness of Survey Methods

- Clustered vs. stratified sampling
- Effect of sample size



What is Left to do

- Copy of Career Center's questionnaire
- Finish data compilation
- Enter additional data
- Compute desired statistics
- Test various survey methods



Questions

