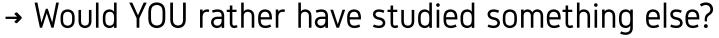
Understanding College Majors

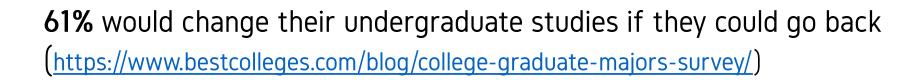
Analise Burko & Marcos de la Torre



Imagine you are 17 again...

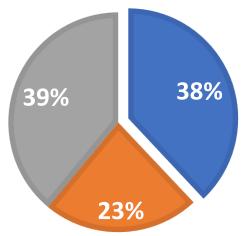
You are applying for college and must choose a major.







- 23% would change for other reasons



- Change better jobs
- Change other reasons
- No change



Some data may help

In this presentation we provide some figures that may help understand the impact of the major choice, in terms of:

- (qualified) employment
- income



Behind the data...

IDENTIFIERS

Major

Major **Category**



American Community Survey 2010-2012

DEMOGRAPHICS

Total Students

Men/ Women

ECONOMICS

Median Income

Employed/ Unemployed College-jobs/ non-college jobs

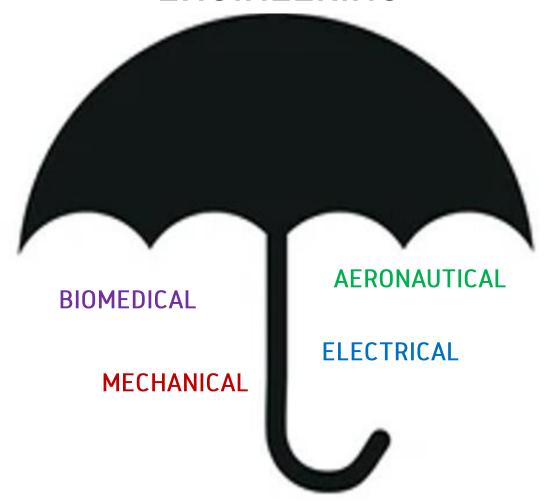
Low-wage jobs

Full-time/Parttime



Major Categories

ENGINEERING

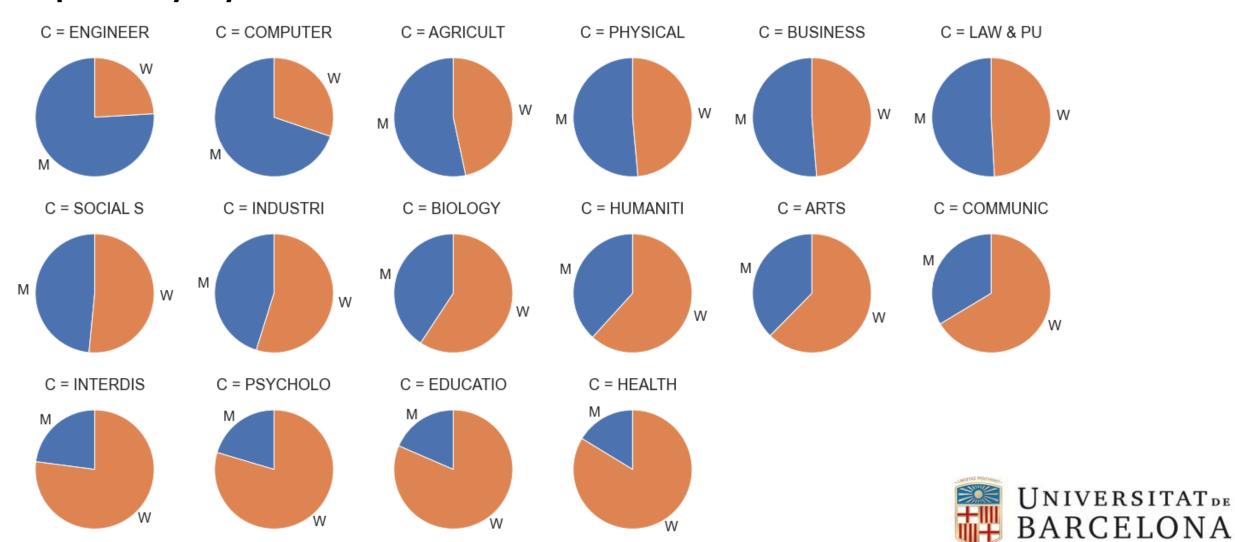




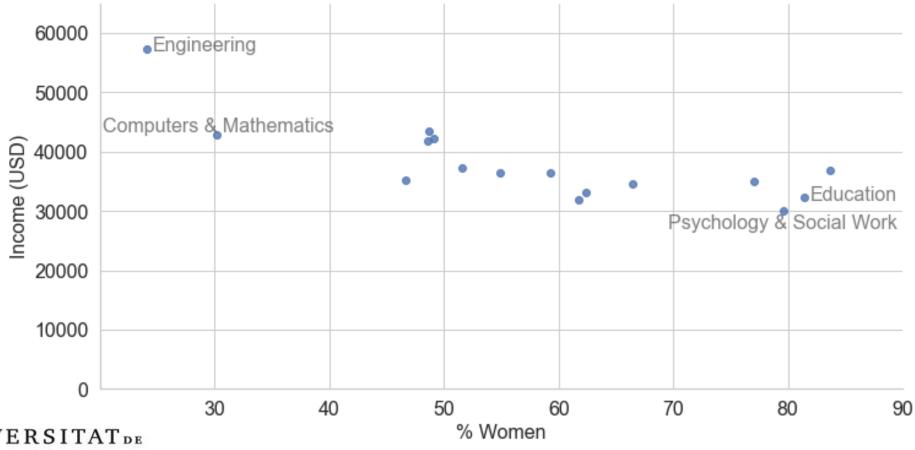
Category Popularity



Popularity by Gender



Income by rate of female student

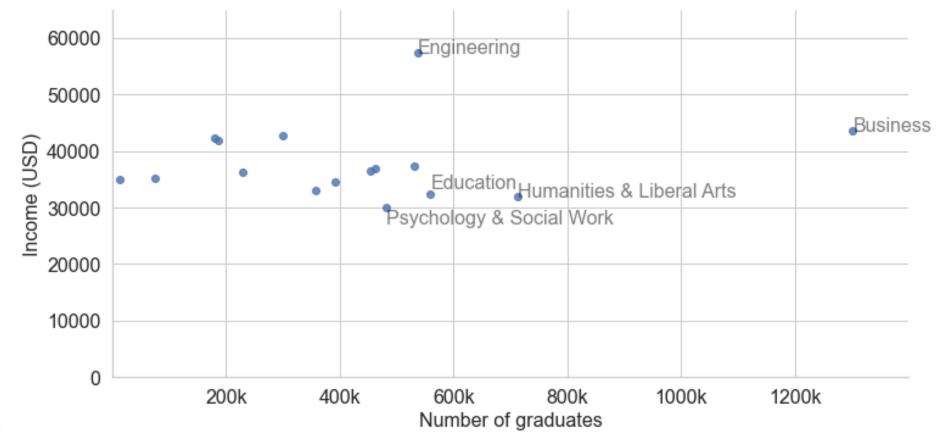




However,

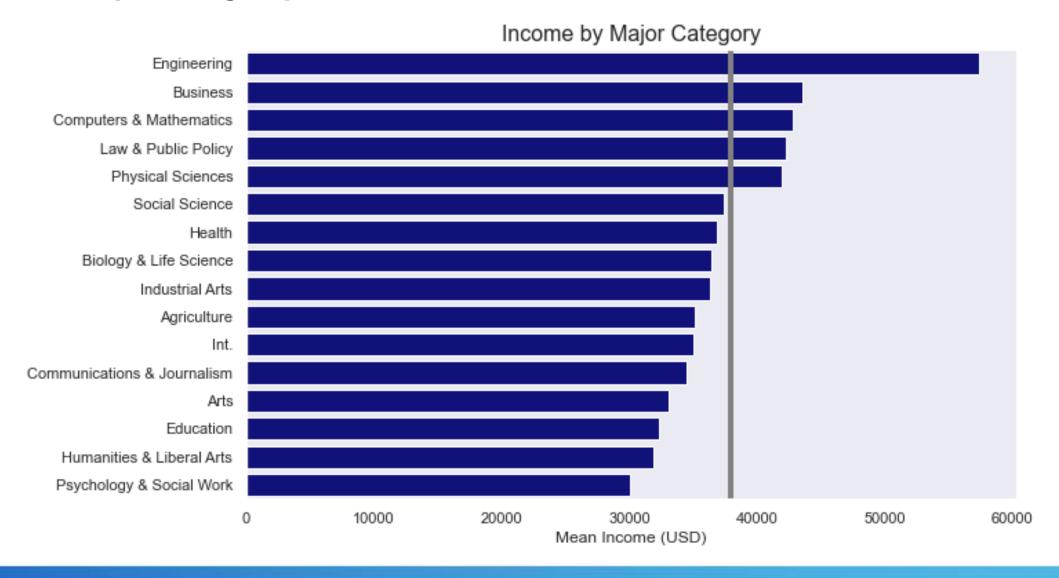
Popularity ≠ Economic Success

There are plenty of areas that attract students but do not promise employability or high salaries

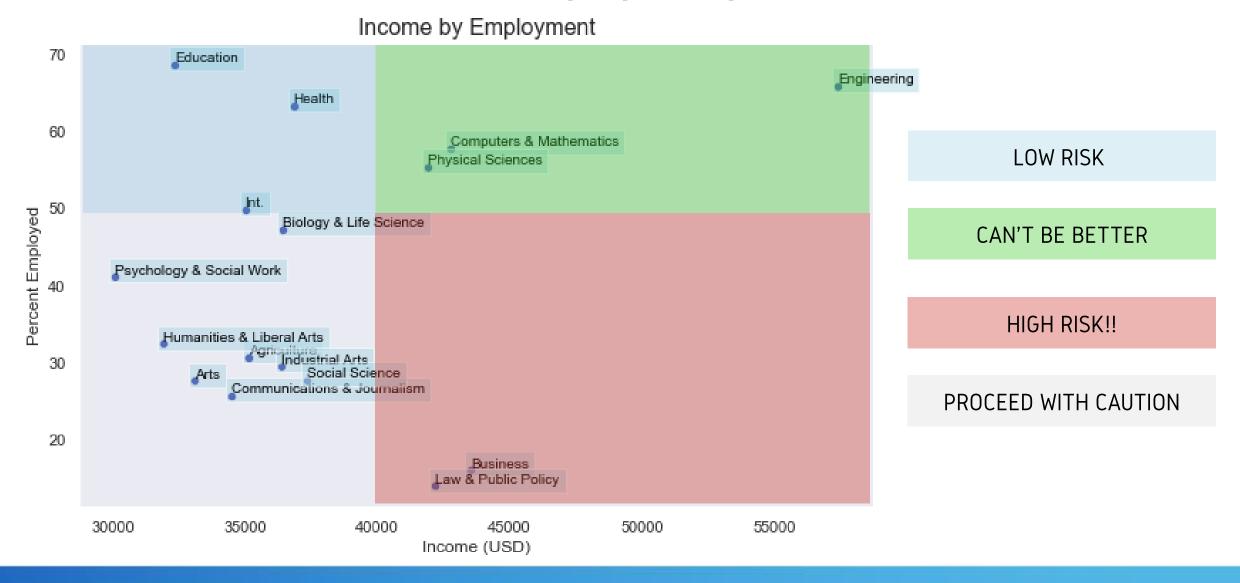




Income by Category

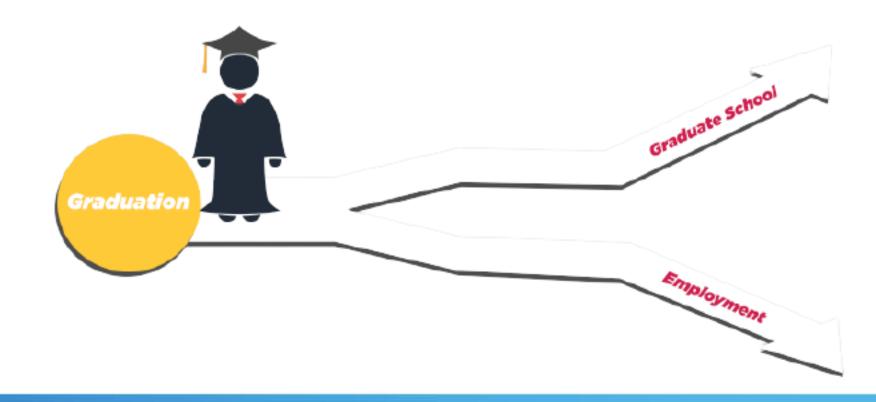


But we should also consider Employability!



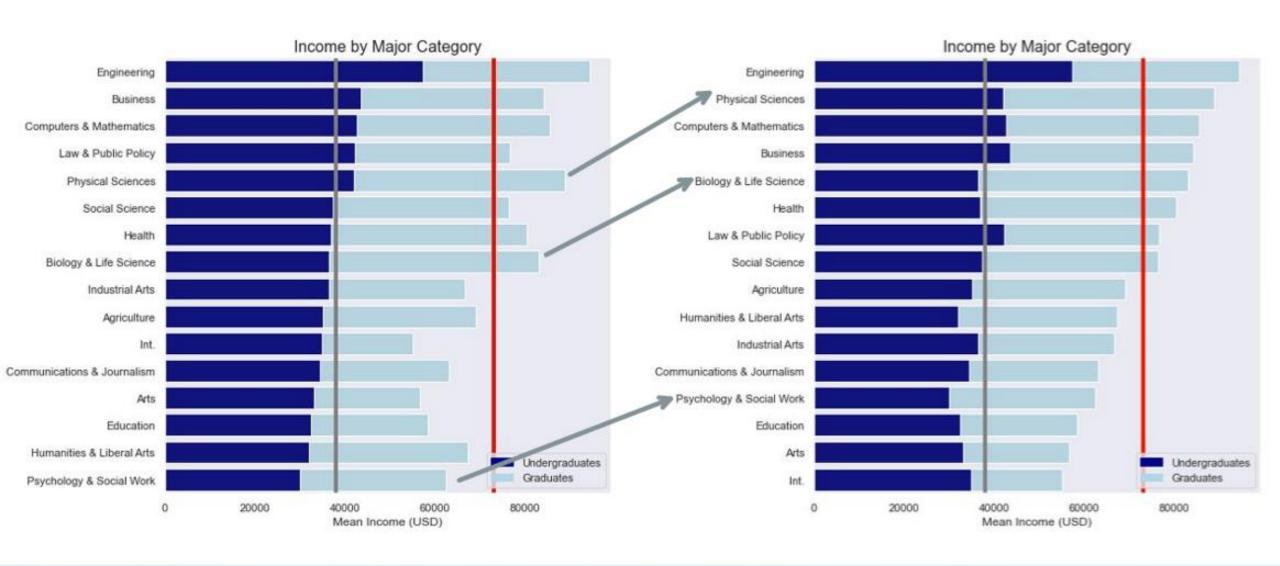
The story doesn't end there, there's always...

Graduate School





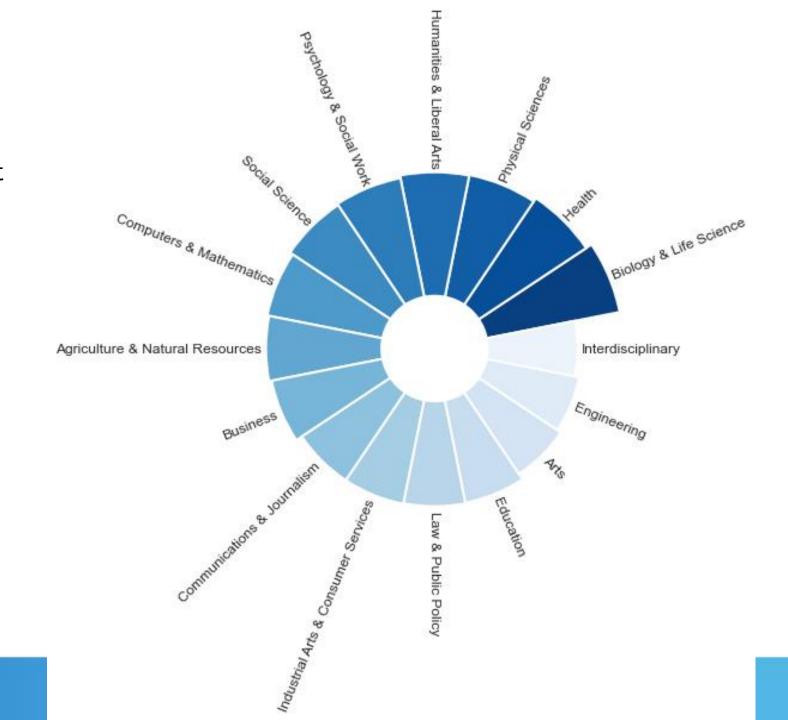
Economics



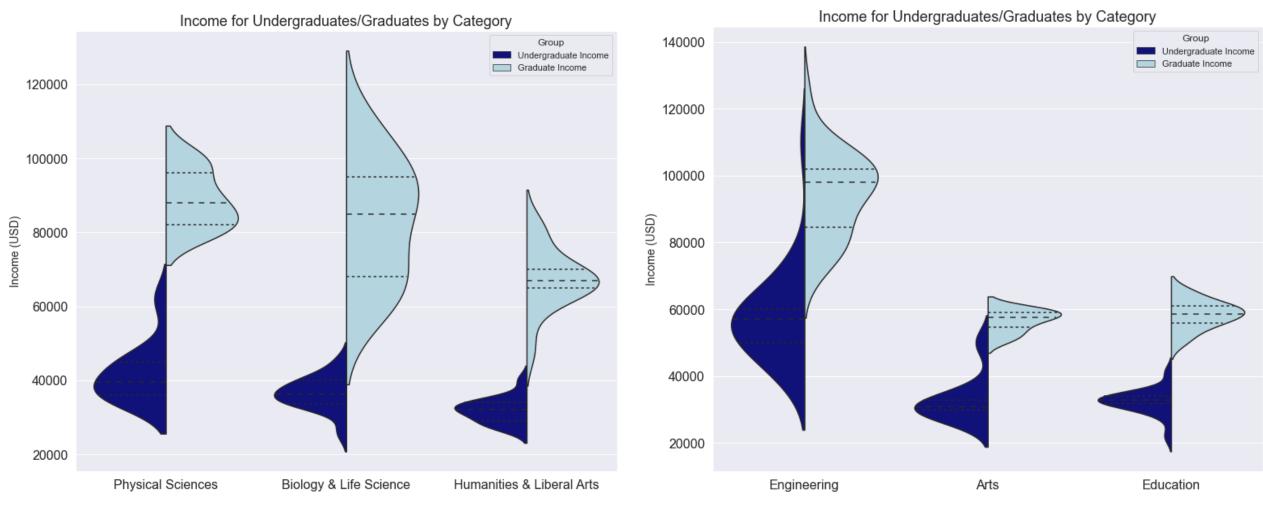
Percent income change

- All major categories have a large percent increase in income
- Categories with the GREATEST change
 - Biology & Life Sciences
 - Health
 - Physical Sciences
- Categories with the LEAST change
 - Education
 - Arts
 - Engineering





A Graduate degree increases income significantly...



Greatest Change

Least Change

LIMITATIONS

- our data is taken from recent graduates and post-graduates
- Survey is from 2010-2012
- Geographically constrained

LOOKING FORWARD

- Find more diverse data in terms of:
 - Long-term career progression
 - Demographics (age, gender, etc.)
 - Represented countries





Thank you!

