

Gender Inequality in College Sports

Inequality of Sport: **Women < Men**
not only in opportunity and participation
but also with pay and expenditure

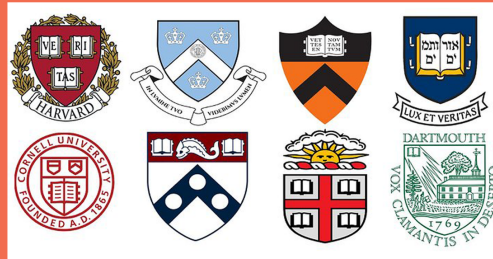
Steps:

» Data Source

U.S. Department of Education's
Equity in Athletics Data Analysis
(Data for academic year 2019-20)

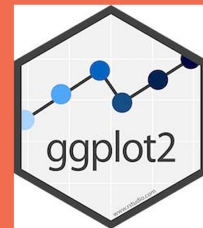


» Filter Ivy League Colleges



» Preprocess in R

group_by, summarize,
arrange, mutate etc.

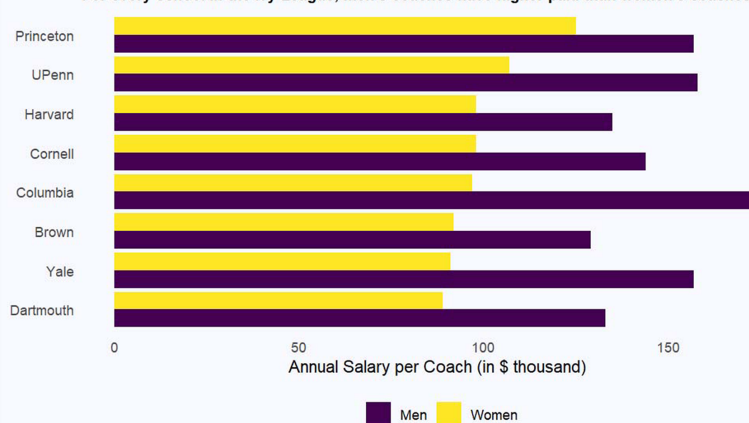


Solution:

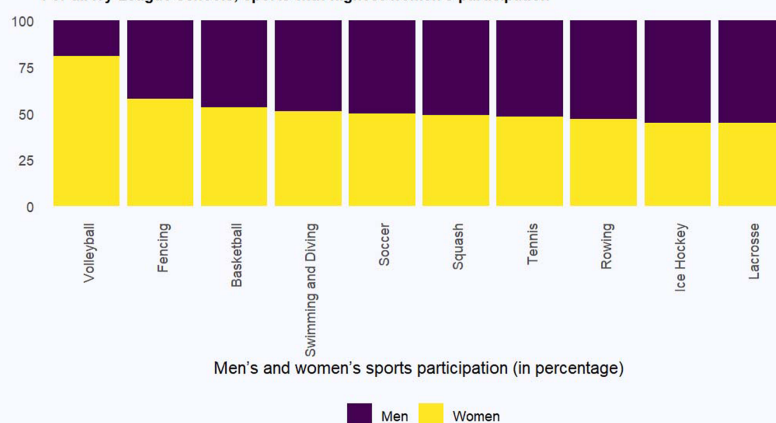
» Increase annual salary of
women's coaches

» Encourage more men's inclusion
in volleyball, fencing, basketball etc.

For every school in the Ivy League, men's coaches have higher paid than women's coaches



For all Ivy League schools, sports with highest women's participation



» Minimize spending gaps between
men's and women's sports

» Allocate more budget in women's
sports to boost performance

For every school in the Ivy League, men's expenditures exceed women's expenditures
Left: Women | Right: Men



For all Ivy League schools, sports with lowest women's spending

