

# Gender Inequality in College Sports

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

## Steps:

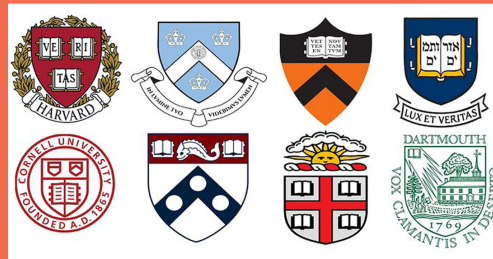
### » Data Source

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

U.S. DEPARTMENT OF EDUCATION

**EADA** Equity in Athletics  
Data Analysis

### » Filter Ivy League Colleges



### » Preprocess in R group\_by, summarize, arrange, mutate etc.

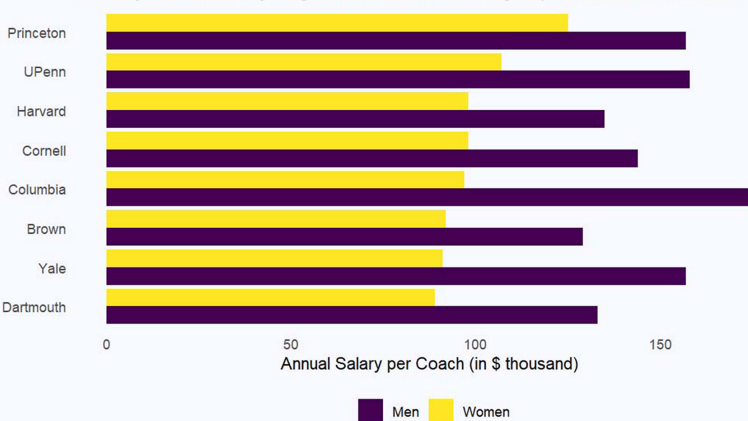


## Solution:

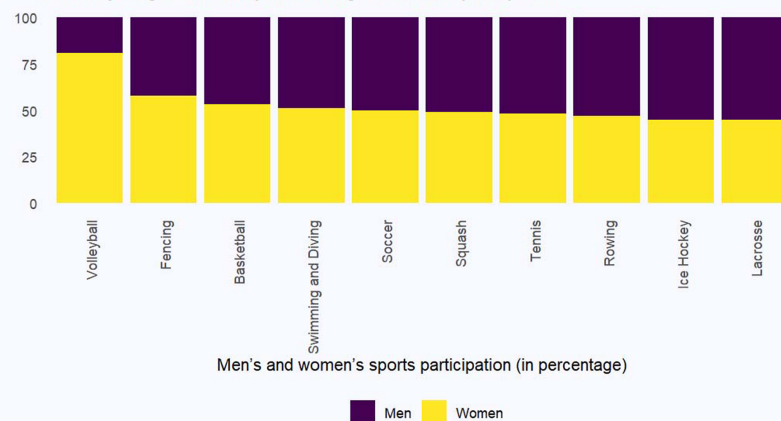
» Increase annual salary of  
women's coaches

» 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

