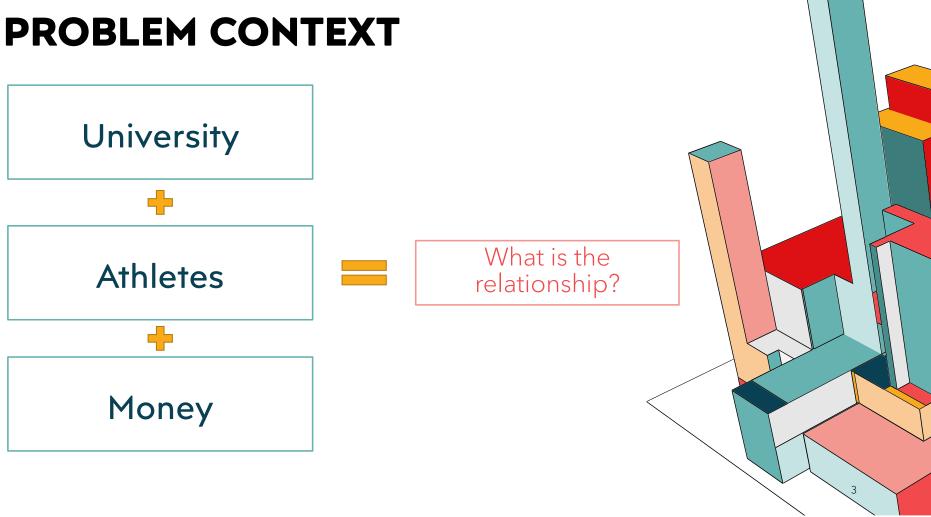


RESEARCH QUESTION

To what extent can the ratio of male to female athletic scholarships predict the male to female ratio of recruitment funds?



WHAT DOES THE LITERATURE SAY?

1

Division 1 Sports

Largest gaps observed

2

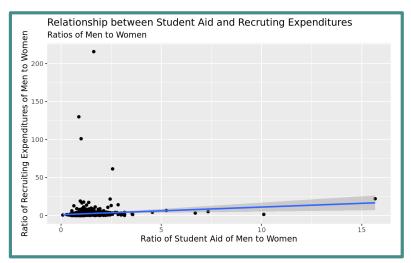
Football vs. No Football

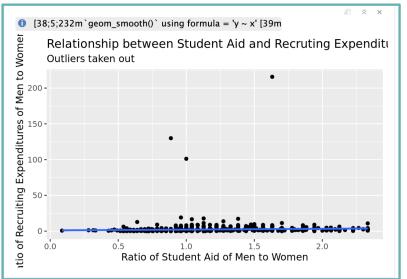
Largest funding allocation discrepancies

3

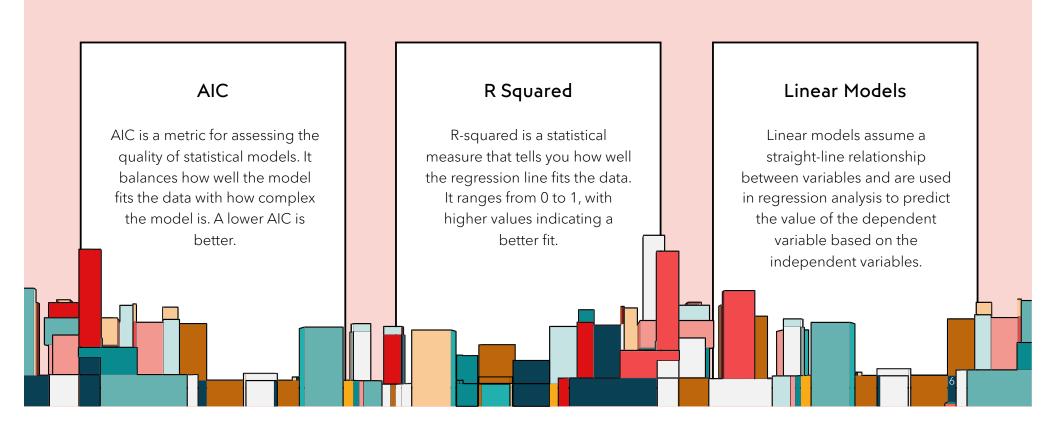
Gender

Men > Women

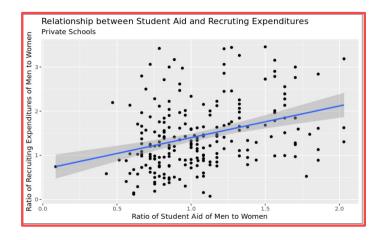




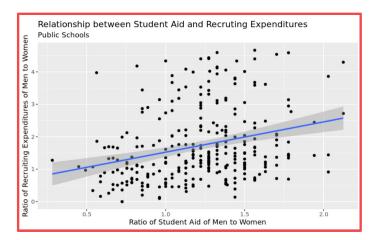
What statistical analyses did we perform?



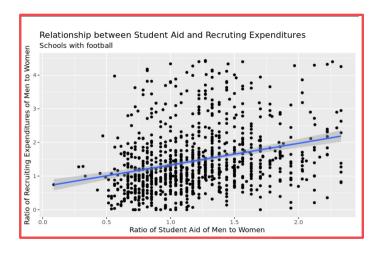
Private Schools



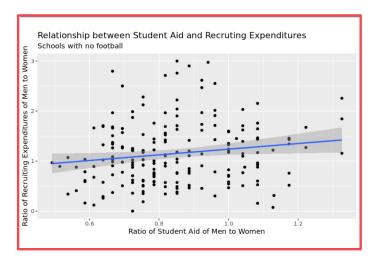
Public Schools

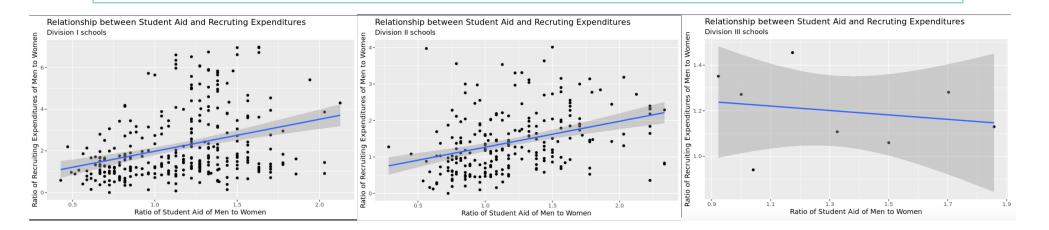


Football

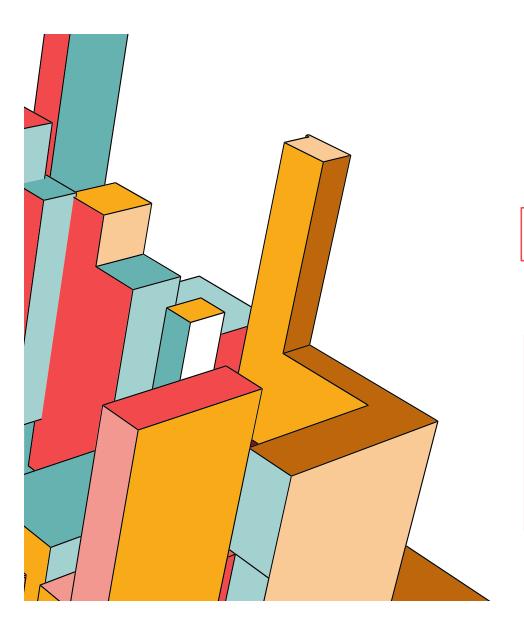


No Football





Division 1 Division 2 Division 3



RESULTS

Prediction Model

 $ratio_\hat{m}w_ep = 3.688 - 0.651(school_type) - 0.829(division_three) - .848(division_two) - 1.592(no_football) + 0.086(ratio_mw_sa)$

Table of R Squared and AIC

<u>Data:</u>	All Schools	All Schoo Removed	ls <u>Outliers</u> Priv	ate Schools	Public Schools
AIC:	7723.431	7409.35	490	.849	869.687
R Square:	0.008	0.003	0.13	12	0.082
<u>Data:</u>	Football Schools	No Football Schools	<u>DI Schools</u>	DII Schools	DIII Schools
AIC:	2484.094	374.648	1167.375	554.459	-1.120
R Square:	0.079	0.025	0.103	0.127	0.039

LIMITATIONS

Source Bias

- Self reported
- Representation

Transparency

- Presentation
- Methods of analysis

Accuracy

- Inaccurate
- Incomplete

