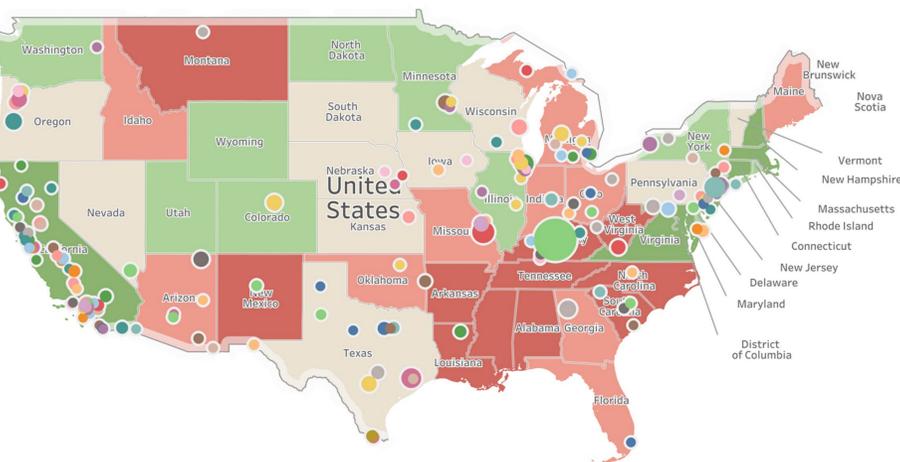
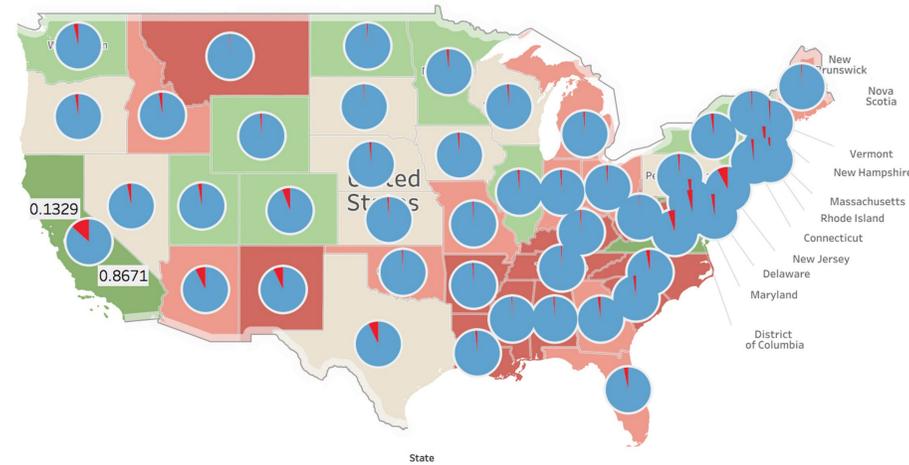
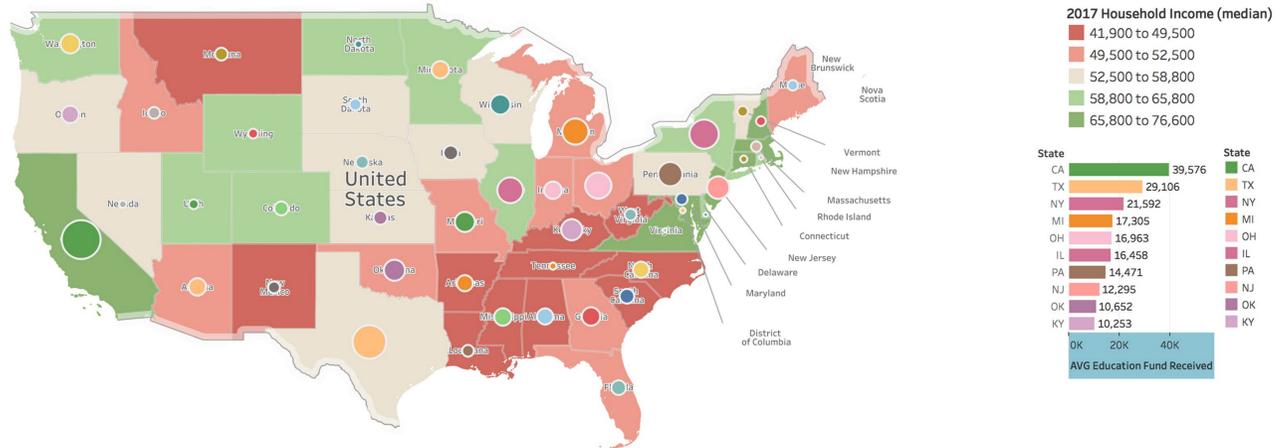


Federal Funding for Public Education

Justin Boulé, Ruixin Guo, Patrick Kinsella & Joe Weiler

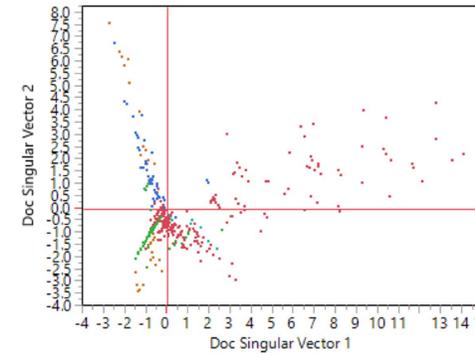
RESEARCH QUESTION:

How are federal funding decisions made for educational institutions across the United States?



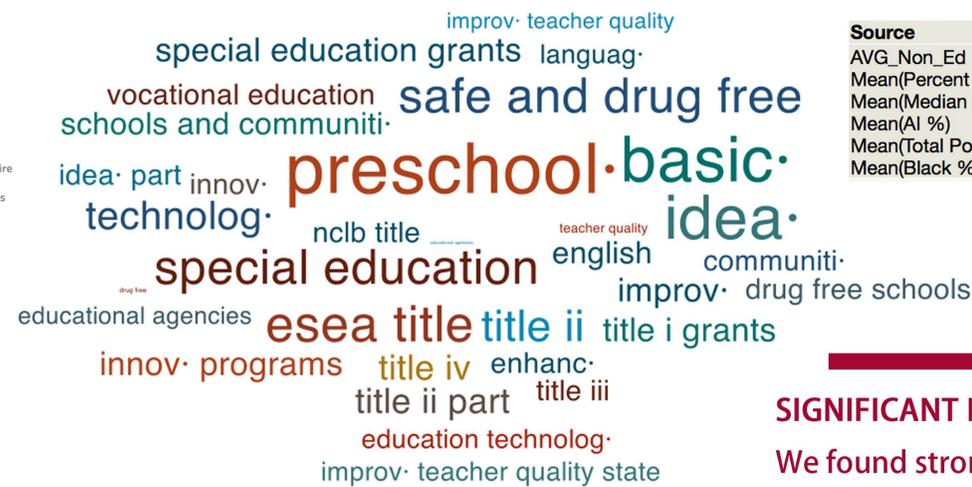
RESEARCH STEPS:

Identified Data Sources, Introduced Outside Demographics, Reduced Data Set to Necessary Information, Removed Outliers, Ran Regressions, Visualized Data.



MOST FUNDED PROGRAMS: THREE GROUPS

- Green - Special Education and Disability Grants
- Blue - Safe and Drug-Free Grants
- Red - Technology, Teacher Quality, and Language Acquisition



Source	LogWorth	PValue
AVG_Non_Ed	2658.988	0.00000
Mean(Percent that Speaks English less than "very well")	25.951	0.00000
Mean(Median Household Income (dollars))	17.435	0.00000
Mean(AI %)	7.428	0.00000
Mean(Total Population)	3.091	0.00081
Mean(Black %)	2.559	0.00276

RSquare	0.82164
RSquare Adj	0.821497

SIGNIFICANT FINDINGS and CONCLUSION:

We found strong correlations between the amount of federal funding received and the following variables:

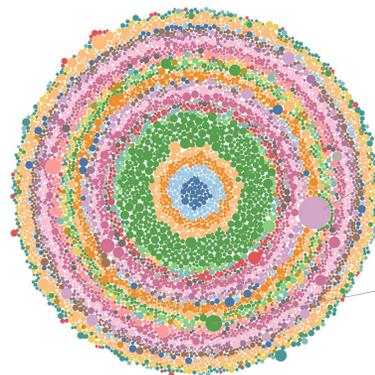
Positive Correlation:

- The amount of Non-Education funds received
- The percentage of people who speak English less than "very well"
- The median household income
- The total population
- The percentage of African American population

Negative Correlation:

- The percentage of American Indian population

The factors listed above are the attributing factors to who receives Federal Fundings.



Lea Name: Kentucky Tech System
State: KY
Mzip: 40004
AVG Education Fund Received: 3,296

Lea Name: MO SCHLS FOR THE SEV DISABLED
State: MO
Mzip: 63065
AVG Education Fund Received: 885

Lea Name	State	AVG Education Fund Received
Kentucky Tech System	KY	3,296
MO SCHLS FOR THE SEV D.	MO	885
OFFICE OF EDUCATION DE.	NJ	815
SOUTHWEST SCHOOL	TX	723
City of Chicago SD 299	IL	642
Department of Juvenile Ju.	GA	510
Bethel SD 52	OR	508
OFFICE OF EDUCATION JU.	NJ	485
State Charter School Insti.	CO	482
DIVISION OF YOUTH SERV.	MO	450