

# **Does Student Race Impact Instructional Spending in K-12 Education in Texas?**



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# Context



**Racial disparities in education outcomes**



**Education outcomes linked with future outcomes**



**Most research shows that there are racial disparities in public school funding**



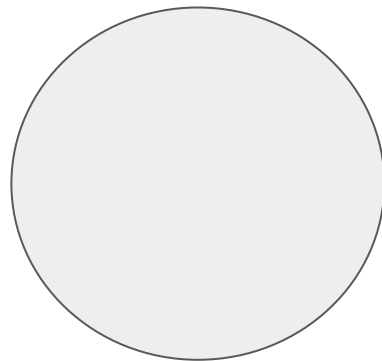
**Some research shows that there are racial disparities in public school district spending per district**



# Why Texas?



- Large state
  - Over 1,200 school districts
- Racially diverse
  - 41% white
  - 40% Hispanic
  - 13% Black
- Public school funding has remained relatively flat since 2010



**Hypothesis**

**Student race will impact  
instructional spending in K-12  
education in Texas**

A close-up, shallow depth-of-field photograph of a camera lens. The lens is dark with a prominent silver-colored front element. A red ring with white markings is visible on the lens barrel. The number "85" is printed in white on the lens. The background is dark and out of focus.

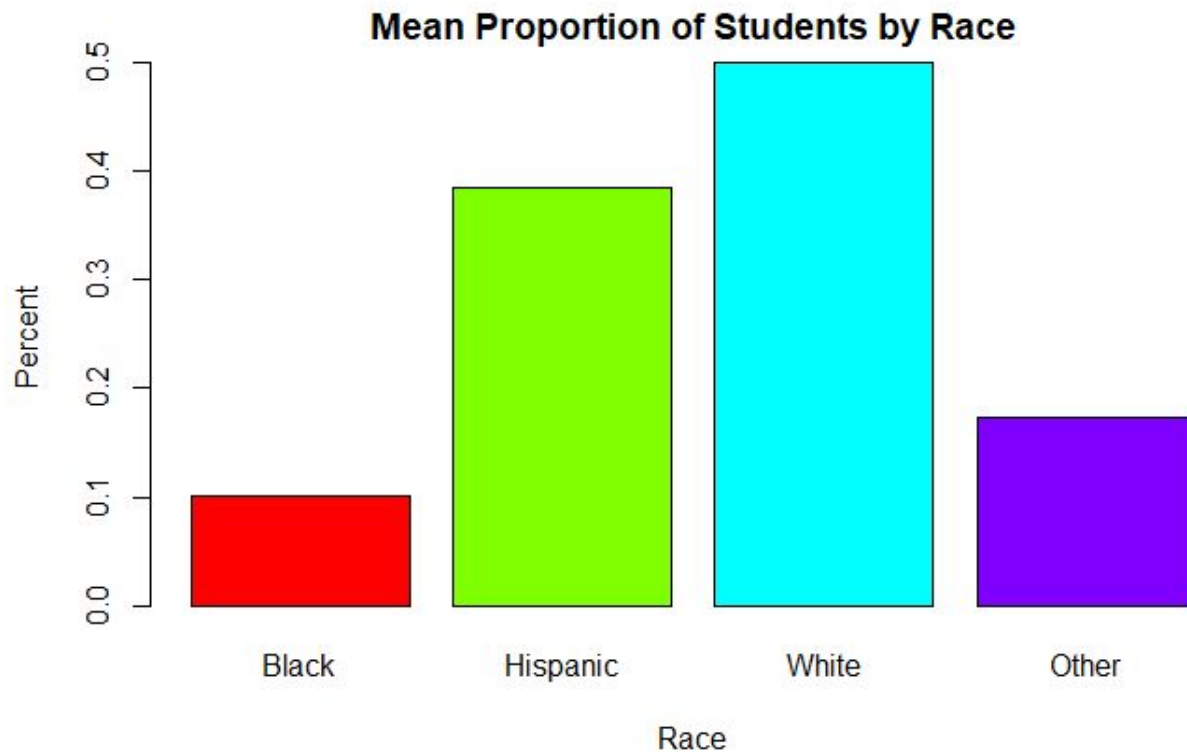
# TEA Snapshot 2011 Data

# Texas Education Agency Data

- Annually reported by Texas' public schools
- Self-reported by public schools
- Publicly available
- TEA Snapshot 2011 Data
- Clean dataset and codebook collected from Nathan Favero and Seung-Ho An

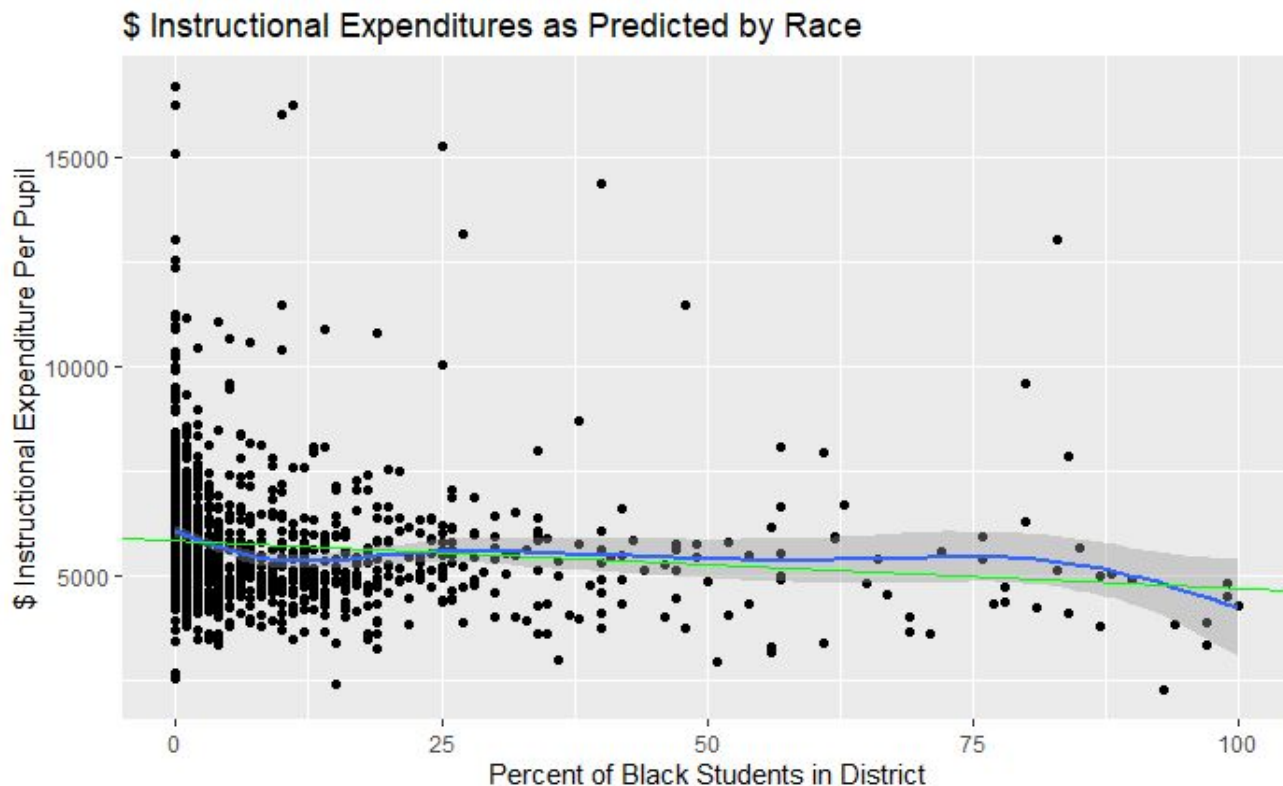


# DATA DESCRIPTION



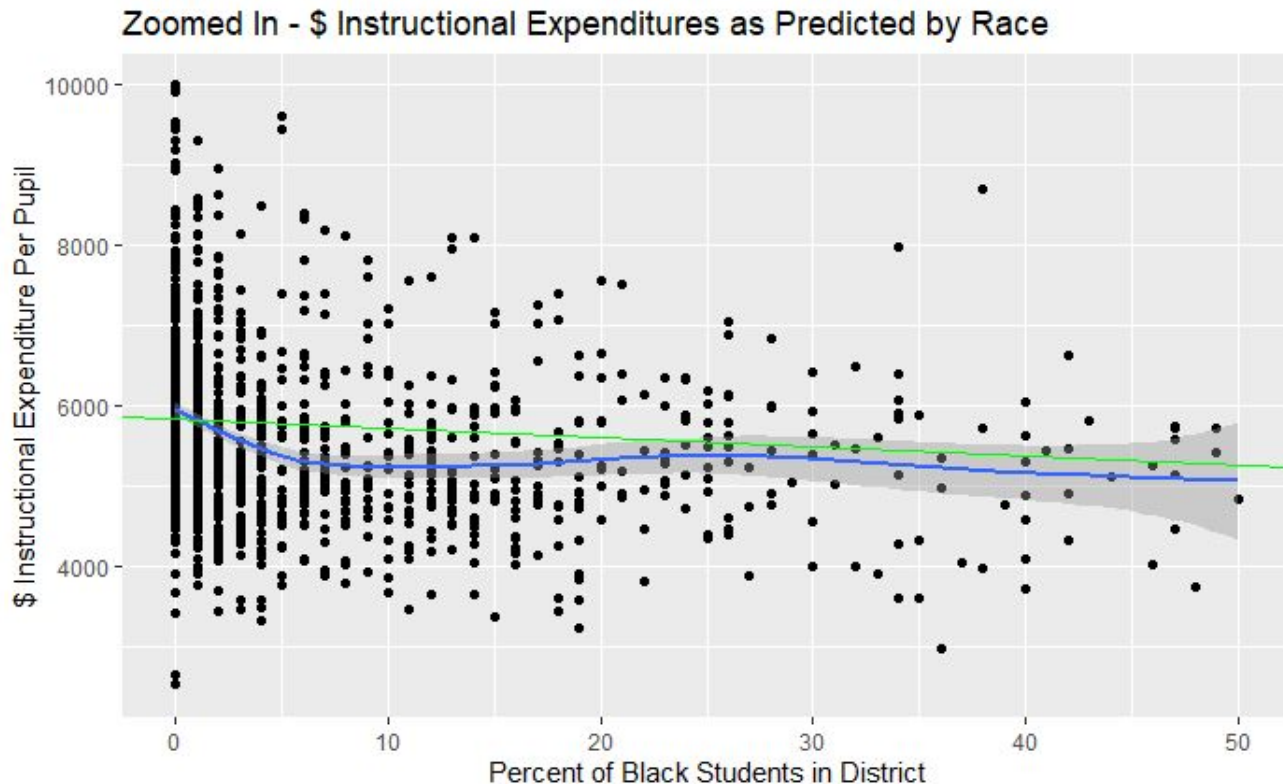


# Instructional Expenditure as Predicted by % of Black Students

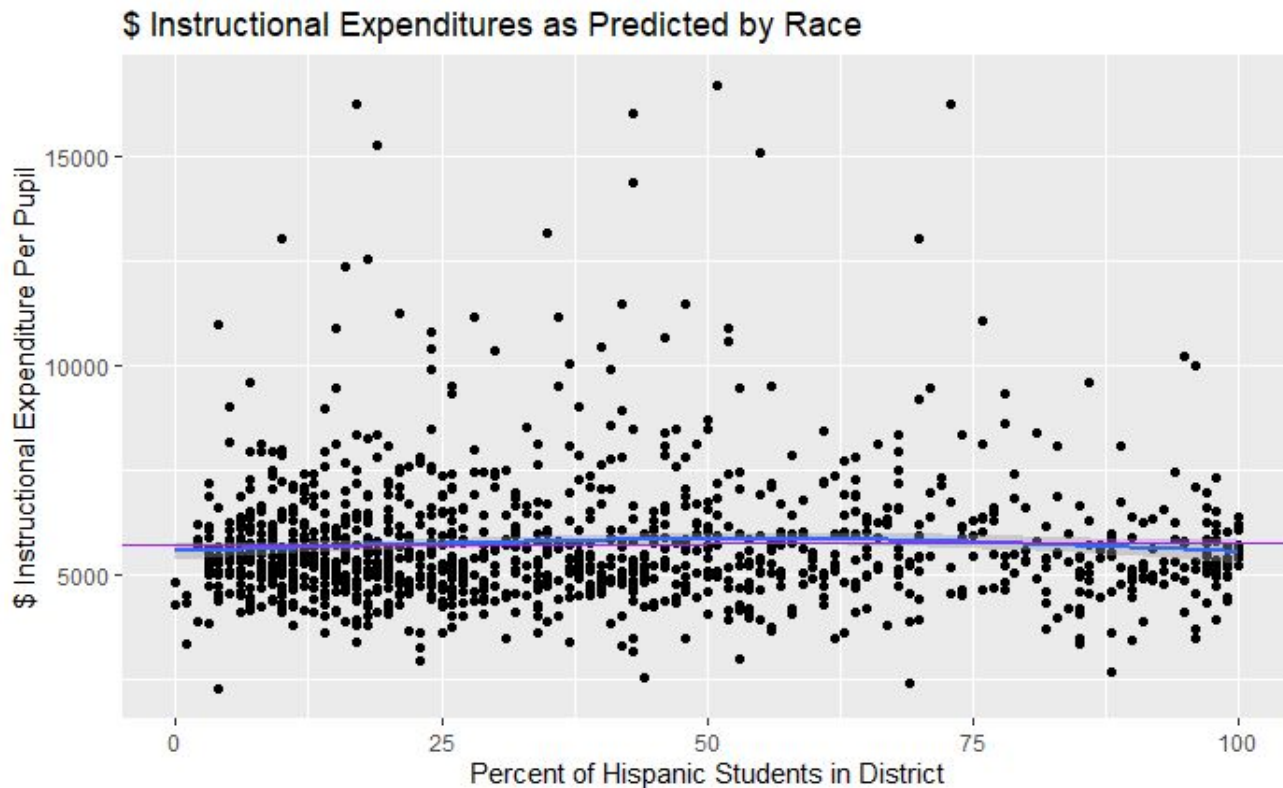




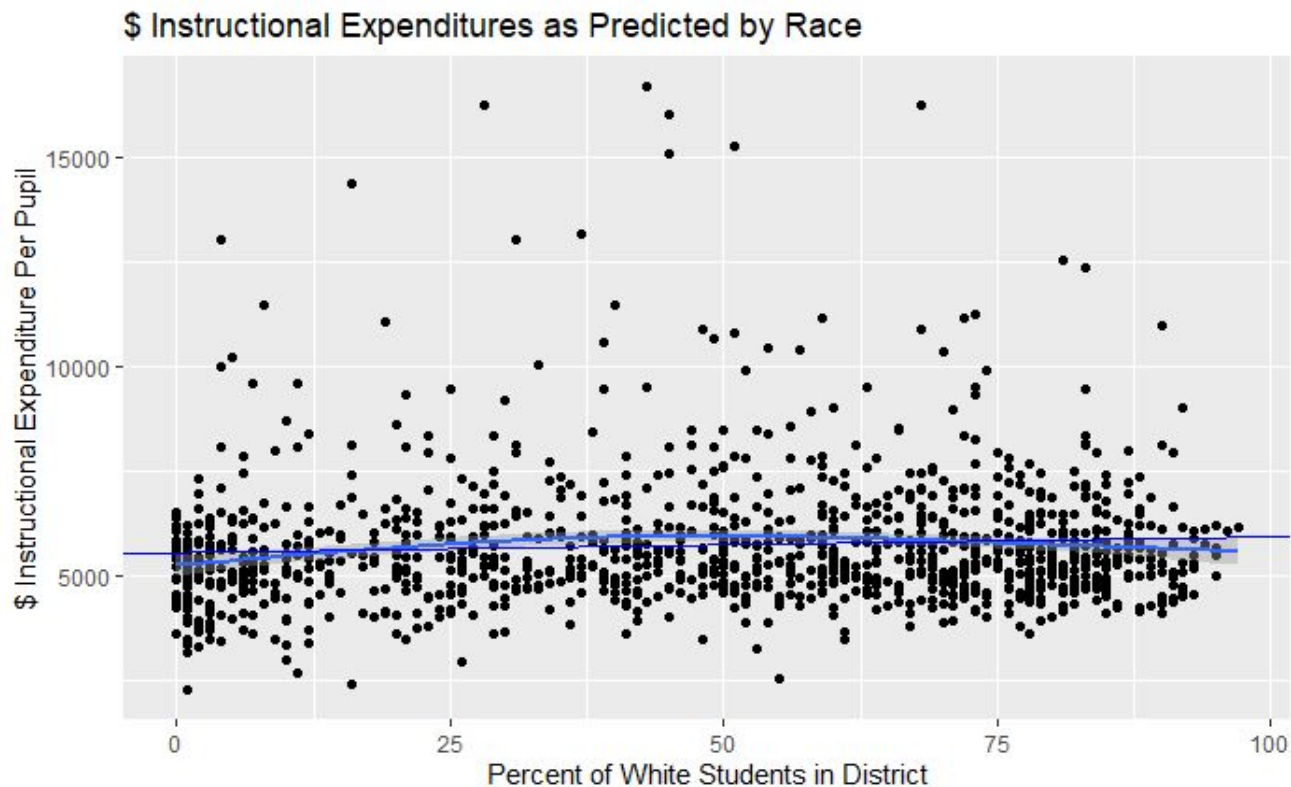
# Instructional Expenditure as Predicted by % of Black Students Zoomed In



# Instructional Expenditure as Predicted by % of Hispanic Students



# Instructional Expenditure as Predicted by % of White Students





## Limitation/Findings

# Findings

**Table 1. Regression Output**

Number of observations = 1190

F-statistics= 146.2 on 6

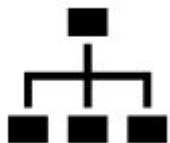
and 1216 DF

R-squared = 0.4191

Adj R-squared = 0.4162

	Coefficient	Std. Error	T-Value	P-Value
% of black students	4.160	9.331	0.446	0.656
% of hispanic students	7.242	8.724	0.830	0.407
% of white students	-0.808	8.723	-0.099	0.921
% of students enrolled	0.001832	0.002958	0.619	0.536
% of student to teacher ratio	-342.7	12.46	-27.504	0.00
% of low income students	3.180	2.427	1.310	0.190

# Limitations



Administration Data



Missing Data



Texas vs U.S

# Conclusion



No relationship between students race and instructional spending per pupil in Texas school Districts.



# Works Cited

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# QUESTIONS?

Thank You

A stack of cards is shown on a light-colored, textured surface. The top card is orange with a white double-line border and the words "Thank You" in a white serif font. Below it is a dark blue card. A black fountain pen with a silver-colored clip and nib lies diagonally across the top right of the cards.