



# 2024 Presidential Election: PA Education Levels and Vote Share



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## Data Sources:

Statistica

U.S. Census Bureau

Politico

## Null Hypothesis:

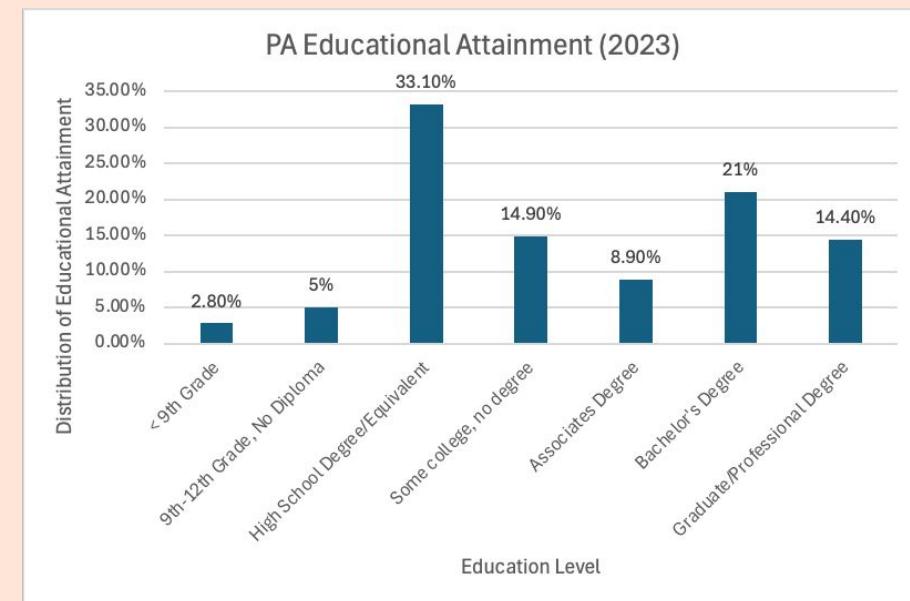
$$\beta_1 = 0$$

There is NO relationship between PA education level and vote share in the 2024 Presidential Election.

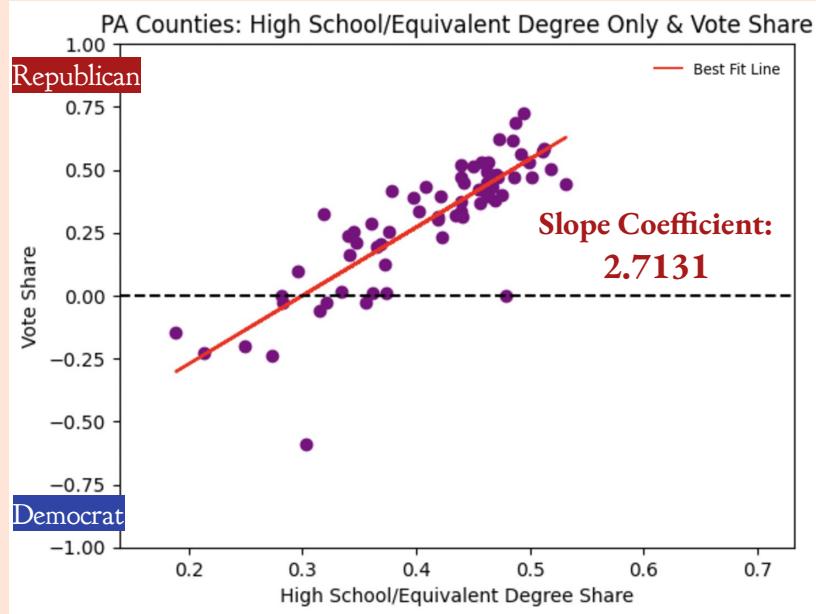
## Alternative Hypothesis:

$$\beta_1 \neq 0$$

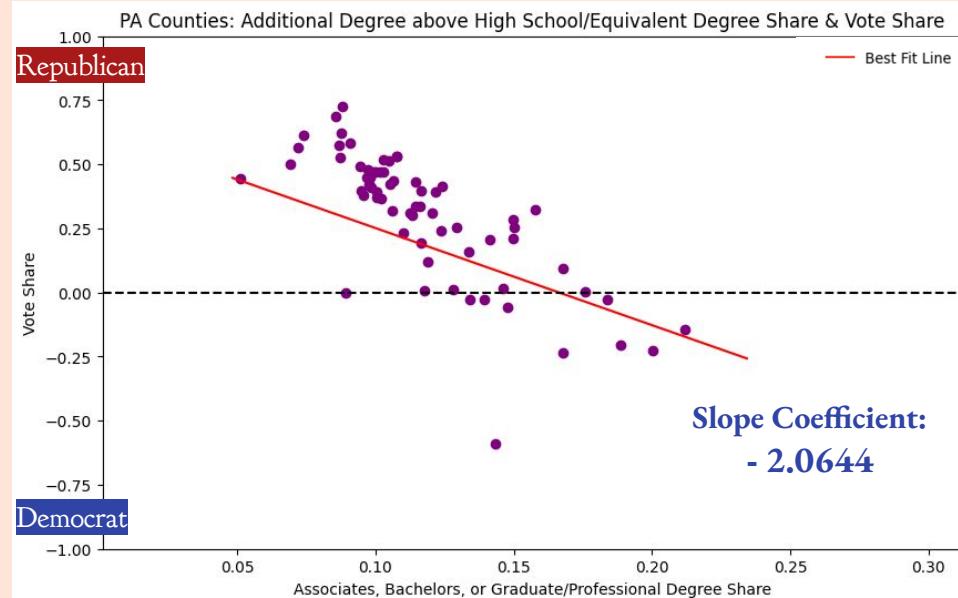
There IS a relationship between PA education level and vote share in the 2024 Presidential Election.



# Regressions



$t\text{-statistic} = 12.4$   
 $p\text{-value} = 0.0$   
Reject Null Hypothesis



$F\text{-statistic} = 41.9$   
 $p\text{-value} = 0.0000000000000051047052468684456$   
Reject Null Hypothesis

