



Fertility Rates and Women-Owned Start-ups

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Motivation

To assess how the ratio of minors to adults correlates to the proportion of states' startups owned by women.

Methodology

Multiple regression was used to compare fertility rates to women-owned startups by state. The regression results show the control variables used.

Regression Results

	Dependent Variable		
	Percent Start-ups owned by women		
	Estimate	Std. Error	P-value
(Intercept)	0.224	0.129	0.089*
Child - Adult Ratio	(0.172)	0.105	0.110
Female - Male Ratio	(0.014)	0.110	0.898
Number of Colleges	0.000	0.000	0.245
Percent Pop. with Bachelor's Degree +	0.000	0.000	0.095*
Unemployment Rate	0.008	0.005	0.125
Women Centered Grants	(0.003)	0.006	0.621
Women Centered Programs	0.005	0.006	0.414
Women Centered State Department	0.016	0.007	0.025**
Observations	51		
Adjusted R-Squared	0.268		
Notes:	*p<0.1; **p<0.05		

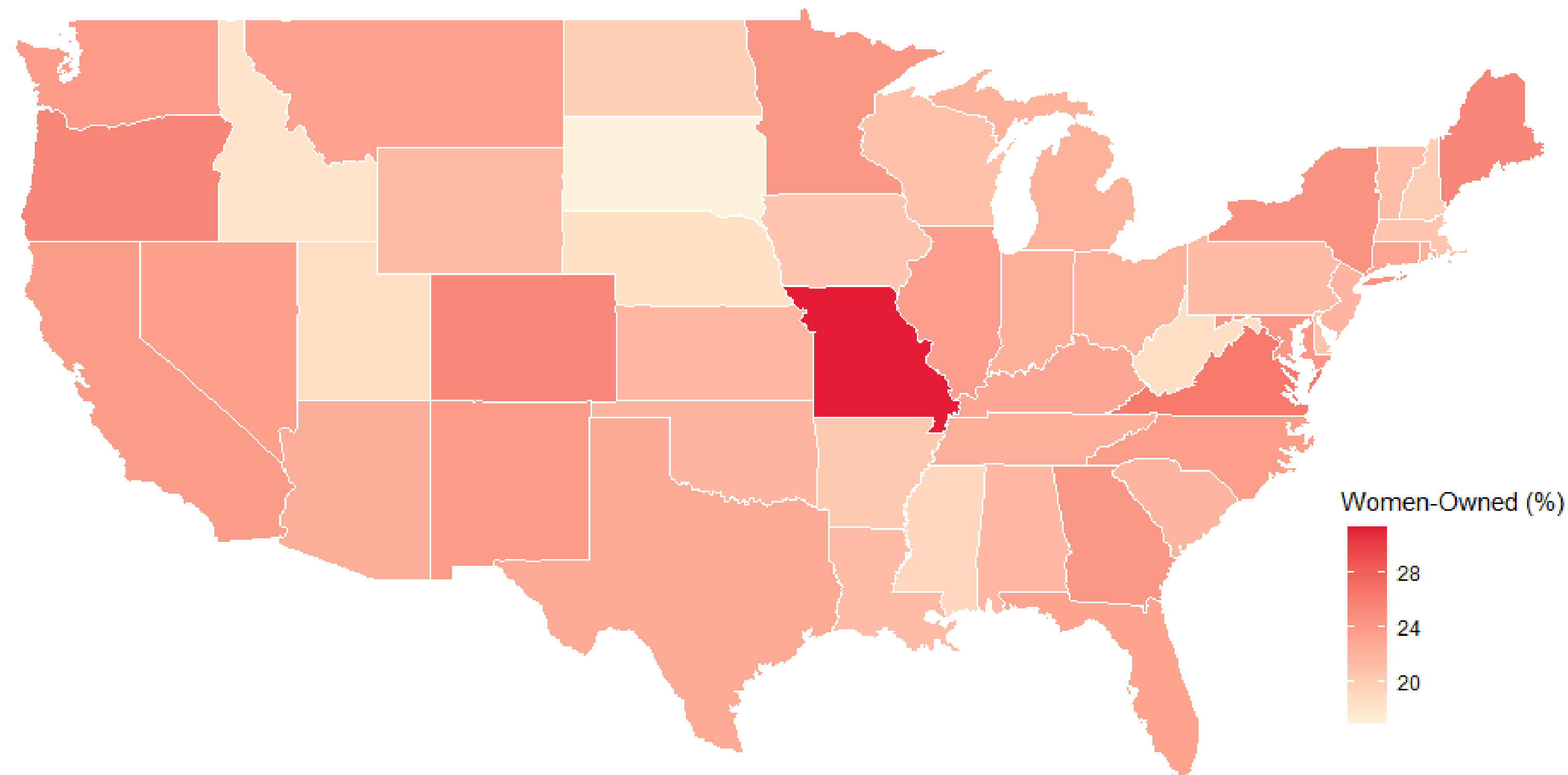
Conclusion

The regression indicates a weak negative correlation between the ratio of minors to adults and the proportion of states' startups owned by women.

Different control variables can be included and may result in a stronger correlation.

Women-Owned Startups by State

Percent of start-ups in a state that are owned by women



Data Sources

2017 American Community Survey
2017 Annual Business Survey
DeRose, Laurie. "More Work, Fewer Babies: What Does Workism Have to Do with Falling Fertility?"

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