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The Effect of Childhood Siblings on Adult Income

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THE EFFECT of Childhood Siblings ON ADULT INCOME

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WHY DOES IT MATTER?

The U.S. fertility rate has **declined**. Recent trends have shown that Millennials are delaying marriage and having children later in life. Also, **because productivity has increased, the opportunity cost of having children has increased.**

Given the current threat of overpopulation, the **progression towards smaller family sizes may have unknown benefits.** My research analyzes a potential relationship between how many siblings an individual grows up with and adult income.

DATA

- National Longitudinal Survey of Youth 1979
- Sample Size of 6108
- 37 Independent Variables
- OLS Regression

MODEL

Dependent variable: LN(Income)

- Sibling Size
- Age & Age Squared
- Sex
- Years of Schooling
- Marital Status
- Race
- Religion
- Citizen
- Mother's and Father's Years of Schooling
- Poverty 1979
- Family Size 1979 and 2012
- Region
- Hours Worked
- 10 Occupation Dummy Variables

RESULTS

- Sibling size not significant
- Increasing years of school by 1 year increases income by 16%
- Growing up in poverty decreases income by 21%
- Married people outearn those who are never married, separated or divorced
- People who currently live in an urban location earn 26% more than those living in rural communities

Literature Cited:

Becker, G., & Lewis, H. (1973). On the Interaction between the Quantity and Quality of Children. *Journal of Political Economy*, 81(2, Part 2), S279-S288.

Björklund, Anders, and Markus Jäntti. The Impact of the Number of Siblings on Men's Adult Earnings: Evidence from Finland, Sweden and the United States. Swedish Institute for Social Research, Stockholm University, 22 Sept.1998. Web.

Doepke, M. (2015). Gary Becker on the Quantity and Quality of Children. *Journal of Demographic Economics*, 81(1), 59-66.
doi:<http://dx.doi.org.proxy.lib.uni.edu/10.1017/dem.2014.8>

Downey, D., & Fowler, Raymond D. (2001). Number of Siblings and Intellectual Development. *American Psychologist*, 56(6-7), 497-504.

Kessler, Daniel. "Birth Order, Family Size, and Achievement: Family Structure and Wage Determination." *Journal of Labor Economics*, vol. 9, no. 4, 1991, pp. 413-426.
www.jstor.org/stable/25350