

# Final Project Draft

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## 1 Introduction

There's a lot of factors that can affect the decision to go to college. I think the enrollment decision is going to be affected by the parental education level.

## 2 Literature Review

I have the following sources for my literature review:

[1] [2] [3] [4] [5] [6]

## 3 Data

I'm using data from the NLSY79 and their kids. There are some problems with it:

- No good income in 1987, unclear why (they began changing things then, but it's categorical that year and not categorical any other year)
- We simply have to get rid of the 3046 people that never recorded their education level. The child data wasn't recorded as neatly or thoroughly, so there is not one variable that plays nicely with education level. I had to loop through about 8 different variables and there's still several missing observations.
- There's a lot of missing data for income and some complicated looping going on with filling things in. I'm going to have to do some averaging with some missing values and it's going to be a little ugly, but this is one of the unfortunate facets of using the NLSY79.

## 4 Empirical Methods

- Variable of Interest: Child's decision to enroll in college or not
- Dependent Variable: Mother's education level
- Regressors: Income, race, ability (use the intelligence test scores),

Since I changed my model from my original proposal to have my dependent variable, I can change my original plan. I'm going to run both a linear probability model and a logit model, which allows for a neat compare/contrast situation.

## 5 Research Findings

Tragically, do not have any yet. But I do have hot water. You win some, you lose some.

## 6 Conclusion

I will fill in this section when my paper is complete enough for a compare/contrast situation.

## References

- [1] Jose M. Pastor, Carlos Peraita, and Angel Soler. Gender differences in the intergenerational transmission of education in Spain: The role of parents' employment status and education. *Applied Economics*, 53(19):2242–2255, 04 2021. Date revised - 2021-04-15; Availability - URL:<http://www.tandfonline.com/loi/raec20> Publisher's URL; Last updated - 2021-04-19.
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- [4] Binlei Gong. Like father like son? revisiting the role of parental education in estimating returns to education in China. *Review of Development Economics*, 23(1):275–292, 02 2019. Date revised - 2019-05-02; Availability - URL:<http://onlinelibrary.wiley.com/journal/10.1111> Publisher's URL; Last updated - 2019-05-06.
- [5] David A. Kodde and Jozef M. M. Ritzen. Direct and indirect effects of parental education level on. *The Journal of human resources*, 23(3):356, Summer 1988. Copyright - Copyright University of Wisconsin Press Summer 1988; Last updated - 2021-09-11; CODEN - JHREA9; SubjectsTermNotLitGenreText - Netherlands.
- [6]