

EDLD651 Final Paper

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Table 1: Demographics

Research question 1: What is the relationship between parent education and participant's education?

Plot 1

Research question 2: What is the relationship between parent education and participant's wage?

Plot 2

Research question 3: Is there a difference in wage depending on whether you lived near a college?

Table 2: Proximity and Wages

Results

Table 1 outlines our basic demographics for our study. For our participant demographics, we examined the education in years, IQ score, age, and proximity to higher education institutions. We also examined the level of maternal and paternal education level in years.

Plot 1 reflects a linear regression model of participant education as a function of parental education. Although we have not performed a complete analysis on these descriptive statistics, our model may indicate a positive correlation between parental education and participant education.

Plot 2 also indicates a possible positive correlation between parental education and participant wages, shown in cents/hour. Further statistical testing would be required to verify this.

Table 2 displays the participant's proximity to a college alongside their average wage per hour. Those participants who lived near both a four-year and a community college had the highest average wage per hour, at \$6.45. According to the [Department of Labor](#), the minimum wage in the USA in 1976 was \$2.30 per hour, which means that these participants' wages were 2.8043478 times higher than the minimum wage.

Those who resided near only a 4-year college had slightly lower average wages, at approximately \$5.68/hr.

Those who were not near any college had marginally higher average wages (\$5.18/hour) than those near a community college, at \$5.13 per hour.