How has the Benefits of University Changed over Time

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Intro

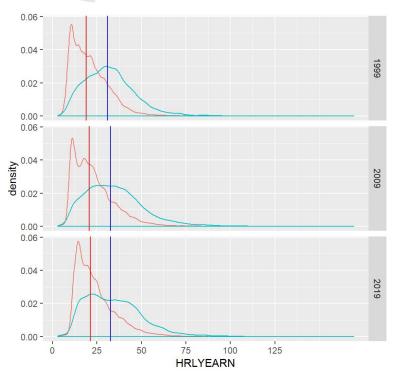
In order to determine if University education is "Worth It" we decided to analyze the following in depth

- Correlation between hourly wage and having a university education

 Relationship between being employed in your program of study and being employed outside your program of study

- Change in tuition per program of study





year <dbl></dbl>	no_uni <dbl></dbl>	uni <dbl></dbl>	diff <dbl></dbl>
1999	19.08790	30.83430	11.74640
2009	20.61234	32.72681	12.11447
2019	21.24000	32.69000	11.45000
2029	22.46551	33.93940	11.47389

Approximative General Independence Test

`Went to University`

TRUE

FALSE

data: HRLYEARN by SURVYEAR (1999, 2009, 2019)
maxT = 12.522, p-value < 2.2e-16
alternative hypothesis: two.sided (Uni)</pre>

Approximative General Independence Test

data: HRLYEARN by SURVYEAR (1999, 2009, 2019)
maxT = 38.919, p-value < 2.2e-16
alternative hypothesis: two.sided (No Uni)

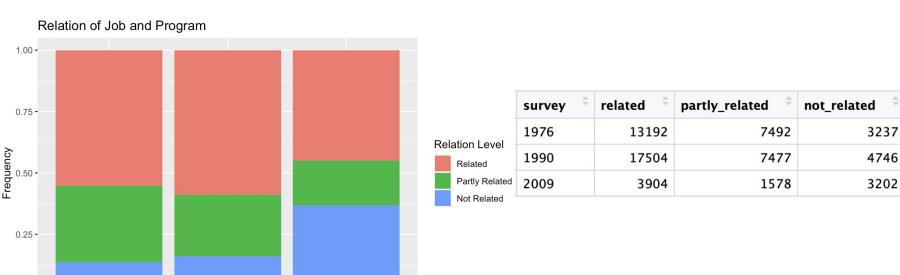
Cohen's d d estimate: -0.2094599 (small) (1999/2009) Cohen's d

d estimate: -0.3315928 (small) (1999/2019)

Cohen's d

d estimate: -0.1147567 (negligible) (2009/2019)





2009

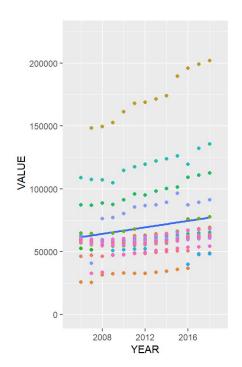
0.00 -

1976

1990 Graduation Year



YEAR <dbl></dbl>	VALUE <dbl></dbl>
2019	78457.85
2020	79751.66
2021	81045.46
2022	82339.26
2023	83633.07



- Agriculture, natural resources and conservation
- Architecture
- Business, management and public administration
- Dentistry
- Education
- Engineering
- Humanities
- Law
- Mathematics, computer and information sciences
- Medicine
- Nursing
- Other health, parks, recreation and fitness
- Personal, protective and transportation services
- Pharmacy
- Physical and life sciences and technologies
- Social and behavioural sciences, and legal studies
- Total, field of study
- Veterinary medicine
- Visual and performing arts, and communications technologies

Thank you!