

Acculturation and Filing for Bankruptcy in the United States: Is Health a Mediating Factor?

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Healthy Immigrant Effect

- Recent immigrants are healthier on average
- This 'healthy immigrant effect' is robust across domains
 - Disease Incidence
 - Disease mortality
 - Self-reported health
 - Activity limitations

Background



Bankruptcy and Medical Care

- Health care costs contribute to financial difficulties
- Personal bankruptcies are rising
- Medical debts contribute to the frequency of bankruptcy
- Bankruptcy is associated with negative outcomes
 - Shame and social stigma
 - Market participation restrictions
 - Decreased economic prospects

Background

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HIE and Bankruptcy

- Considering:
 - The healthy immigrant effect
 - The connections between medical costs and bankruptcy
- ✓ Acculturation may increase the likelihood of bankruptcy via its contribution to ill health

Background



Hypotheses

- The *primary hypothesis* of this study is:
 - √ that indicators of acculturation will be associated with a higher likelihood of declaring bankruptcy
- The secondary hypothesis is:
 - √ that the association between acculturation and bankruptcy will be mediated by changes in health

Hypotheses

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Data Source

- The National Longitudinal Survey of Youth (NLSY79)
- Nationally representative sample of Americans (n=12,686)
- Followed annually or biannually since 1979

Data



Measures: Dependent variable

- Dependent variable: bankruptcy 1979 to 2004
 - In 2004, participants were asked if they or their spouse or partner had ever declared bankruptcy (n= 7,609)
 - 13.9% of this group reported bankruptcy
 - For this analysis the final sample size was N=5,078

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Measures: Independent variables

- Indicators of acculturation:
 - Participants were be coded as:
 - Recent immigrants
 (one of R's parents were born outside the US)
 - First generation (R born in US, but one of R's parents were born outside the US)
 - Second generation (plus) (both of R's parents were born in the US)





Measures: Independent variables

- Indicators of acculturation:
 - Use of foreign language in the home at baseline
 - Identification with an origin or descendancy
 - 1. Black/African-American
 - 2. White/European
 - 3. East Asian/Pacific Islander
 - 4. Latin/Spanish
 - 5. American Indian/Alaska Native
 - 6. "American"
 - 7. Other





Measures: Covariates

- Covariates:
 - Participant sex
 - Participant age
 - Parental education level
 - Academic proficiency (ASVAB)
 - Region of the country at baseline
 - · Urbanicity at baseline

Measures



Measures: Mediating variable

- Potential mediator
 - Any health limitation that restricted ability to work between 1979-2004
 - Limitations that were normal pregnancies were excluded

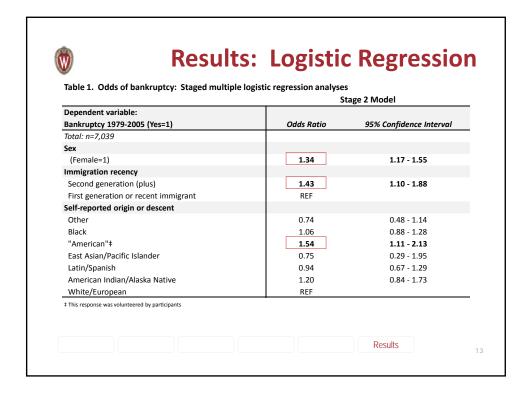


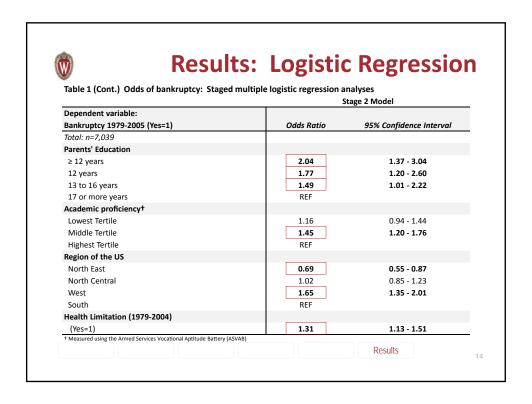


Methods

- Bivariate analyses using chi-square and t-tests
- Staged multiple logistic regression
 - The initial logistic model excluded health limitations
 - The final stage model included health limitations as a potential mediator (presented here)









Conclusions

- Acculturation is associated with a increased likelihood of bankruptcy
- Health conditions do not appear to mediate this relationship
- Future research:
 - Timing of relevant factors
 - Socio-demographic risk factors for bankruptcy





Strengths & limitations

- Limitations
 - The timing of health conditions
 - Generalizability to current immigrant populations
 - Cohort-specific effects
- Strengths
 - Rare event amassed overtime
 - Demographic characteristics assessed at baseline





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