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# The Effects of Enhanced Enforcement at Mexico's Southern Border: Evidence From Central American Deportees

P. 1597-1623

Fernanda Martínez Flores

#### Abstract

Immigration enforcement cooperation between final-destination and transit countries has increased in the last decades. I examine whether the Southern Border Plan, an immigration enforcement program implemented by the Mexican government in 2014, has curbed intentions of unauthorized migrants from El Salvador, Guatemala, and Honduras to migrate to the United States. I use the announcement of the Southern Border Plan to implement a difference-in-differences approach and compare the evolution of short-run intentions to engage in additional unauthorized crossings of Central American (treatment group) relative to Mexican deportees (comparison group). The findings suggest that increased enforcement in Mexico decreases the likelihood of attempting repeated unauthorized crossings.

# New Partner, New Order? Multipartnered Fertility and Birth Order Effects on Educational Achievement

P. 1625-1646

Mats Lillehagen, Martin Arstad Isungset

### **Abstract**

A substantial amount of research shows that younger siblings perform worse than their older sisters and brothers in several socioeconomic outcomes, including educational achievement. Most of these studies examined stable families and excluded half-siblings. However, the increasing prevalence of multipartnered fertility implies that many children grow up in nonnuclear families. We examine whether there is evidence for birth order effects in this context, which offers an opportunity to test and potentially expand the explanatory scope of the two main theories on birth order effects. We use comprehensive Norwegian registry data to study siblings in the 1985–1998 cohorts born to mothers or fathers who parented children with at least two partners. We provide evidence for negative effects of birth order on lower secondary school grades in both cases. Children born to fathers displaying multipartnered fertility tend to have lower grades than older full siblings but perform more similarly or better compared with older half-siblings. For siblings born to mothers with the multipartnered fertility pattern, later-born siblings do worse in school compared with all older siblings. This indicates that negative birth order effects tend to operate either within or across sets of full siblings, depending on the sex of the parent displaying multipartnered fertility. We argue that these findings can be explained by a combination of resource dilution/confluence theory and sex differences in residential arrangements following union dissolutions. We also suggest an alternative interpretation: maternal resources could be more important for generating negative birth order effects.

# Brazil's Missing Infants: Zika Risk Changes Reproductive Behavior

P. 1647-1680

Marcos A. Rangel, Jenna Nobles, Amar Hamoudi

### **Abstract**

Zika virus epidemics have potential large-scale population effects. Controlled studies of mice and nonhuman primates

indicate that Zika affects fecundity, raising concerns about miscarriage in human populations. In regions of Brazil, Zika risk peaked months before residents learned about the epidemic and its relation to congenital anomalies. This spatiotemporal variation supports analysis of both biological effects of Zika infection on fertility and the effects of learning about Zika risk on reproductive behavior. Causal inference techniques used with vital statistics indicate that the epidemic caused reductions in birth cohort size of approximately one-quarter 18 months after Zika infection risk peaked but 10 months after public health messages advocated childbearing delay. The evidence is consistent with small but not statistically detectable biological reductions in fecundity, as well as large strategic changes in reproductive behavior to temporally align childbearing with reduced risk to infant health. The behavioral effects are larger for more-educated and older women, which may reflect facilitated access to information and to family planning services within high-risk, mosquito-infested urban locations as well as perceptions about the opportunity costs of risks to pregnancy and infant survival.

# How Does Deprivation Affect Early-Age Mortality? Patterns of Socioeconomic Determinants of Neonatal and Postneonatal Mortality in Bolivia

P. 1681-1704

Filippo Temporin

### **Abstract**

Three mechanisms related to household living standards might affect early-age mortality: the absolute level of deprivation, its level relative to the average of the community, and the inequality in the distribution of deprivation within communities. A large body of literature has explored the effect of the absolute level of deprivation, but little research has examined the association between relative deprivation and early-age mortality, and findings related to deprivation inequality are inconsistent. Using 2008 Bolivian Demographic and Health Survey data, this study explores patterns of association between the three factors and mortality occurring in the neonatal and postneonatal periods. Because household-level deprivation might capture some unmeasured characteristics at the community level, such as area-specific investments, this study decomposes household-level deprivation into its between- and within-community components. The results show that after possible confounders are controlled for, community-level absolute deprivation is a significant predictor of neonatal and postneonatal mortality. Relative deprivation and deprivation inequality are not associated with early-age mortality. These findings are specific to a context of widespread deprivation and low inequality within communities; the role of the distribution of deprivation might be more important in countries in which basic needs are met within a bigger proportion of the population. This study helps identify crucial sectors of development related to living standards and deprivation inequality in order to tackle neonatal and postneonatal mortality.

# Biases in Survey Estimates of Neonatal Mortality: Results From a Validation Study in Urban Areas of Guinea-Bissau

P. 1705-1726

Stéphane Helleringer, Li Liu, Ane Barent Fisker

### **Abstract**

Neonatal deaths (occurring within 28 days of birth) account for close to one-half of all deaths among children under age 5 worldwide. In most low- and middle-income countries, data on neonatal deaths come primarily from household surveys. We conducted a validation study of survey data on neonatal mortality in Guinea-Bissau (West Africa). We used records from an urban health and demographic surveillance system (HDSS) that monitors child survival prospectively as our reference data set. We selected a stratified sample of 599 women aged 15–49 among residents of the HDSS and collected the birth histories of 422 participants. We cross-tabulated survey and HDSS data. We used a mathematical model to investigate biases in survey estimates of neonatal mortality. Reporting errors in survey data might lead to estimates of the neonatal mortality rate that are too high, which may limit our ability to track progress toward global health objectives.

Kate H. Choi, Rachel E. Goldberg

#### **Abstract**

Interracial couples cohabit at higher rates than same-race couples, which is attributed to lower barriers to interracial cohabitation relative to intermarriage. This begs the question of whether the significance of cohabitation differs between interracial and same-race couples. Using data from the 2006-2017 National Survey of Family Growth, we assessed the meaning of interracial cohabitation by comparing the pregnancy risk, pregnancy intentions, and union transitions following a pregnancy among women in interracial and same-race cohabitations. The pregnancy and union transition behaviors of women in White-Black cohabitations resembled those of Black women in same-race cohabitations, suggesting that White-Black cohabitation serves as a substitute to marriage and reflecting barriers to the formation of White-Black intermarriages. The behaviors of women in White-Hispanic cohabitations fell between those of their same-race counterparts or resembled those of White women in same-race cohabitations. These findings suggest that White-Hispanic cohabitations take on a meaning between trial marriage and substitute to marriage and support views that Hispanics with White partners are a more assimilated group than Hispanics in same-race unions. Results for pregnancy intentions deviated from these patterns. Women in White-Black cohabitations were less likely than Black women in same-race cohabitations to have an unintended pregnancy, suggesting that White-Black cohabitations are considered marriage-like unions involving children. Women in White-Hispanic cohabitations were more likely than White and Hispanic women in same-race cohabitations to have an unintended pregnancy, reflecting possible concerns about social discrimination. These findings indicate heterogeneity in the significance of interracial cohabitation and continuing obstacles to interracial unions.

# Marriage and Union Formation in the United States: Recent Trends Across Racial Groups and Economic Backgrounds

P. 1753-1786

Deirdre Bloome, Shannon Ang

#### **Abstract**

Family formation in the United States has changed dramatically: marriage has become less common, nonmarital cohabitation has become more common, and racial and economic inequalities in these experiences have increased. We provide insights into recent U.S. trends by presenting cohort estimates for people born between 1970 and 1997, who began forming unions between 1985 and 2015. Using Panel Study of Income Dynamics data, we find that typical ages at marriage and union formation increased faster across these recent cohorts than across cohorts born between 1940 and 1969. As fewer people married at young ages, more cohabited, but the substitution was incomplete. We project steep declines in the probability of ever marrying, declines that are larger among Black people than White people. We provide novel information on the intergenerational nature of family inequalities by measuring parental income, wealth, education, and occupational prestige. Marriage declines are particularly steep among people from low-income backgrounds. Black people are overrepresented in this low-income group because of discrimination and opportunity denial. However, marriage declines are larger among Black people than White people across parental incomes. Further, most racial differences in marriage occur among people from similar socioeconomic backgrounds. Family inequalities increasingly reflect both economic inequalities and broader racial inequalities generated by racist structures; in turn, family inequalities may prolong these other inequalities across generations.

# The Direct Effects of Legal Same-Sex Marriage in the United States: Evidence From Massachusetts

P. 1787-1808

Christopher S. Carpenter

### **Abstract**

I provide evidence on the direct effects of legal same-sex marriage in the United States by studying Massachusetts, the first state to legalize it in 2004 by court order. Using confidential Massachusetts data from 2001–2013, I show that the ruling significantly increased marriage among lesbians, bisexual women, and gay men compared with the associated change for heterosexuals. I find no significant effects on coupling. Marriage take-up effects are larger for

lesbians than for bisexual women or gay men and are larger for households with children than for households without children. Consistent with prior work in the United States and Europe, I find no reductions in heterosexual marriage.

# The Wealth of Parents: Trends Over Time in Assortative Mating Based on Parental Wealth

P. 1809-1831

Sander Wagner, Diederik Boertien, Mette Gørtz

#### **Abstract**

This article describes trends in parental wealth homogamy among union cohorts formed between 1987 and 2013 in Denmark. Using high-quality register data on the wealth of parents during the year of partnering, we show that the correlation between partners' levels of parental wealth is considerably lower compared with estimates from research on other countries. Nonetheless, parental wealth homogamy is high at the very top of the parental wealth distribution, and individuals from wealthy families are relatively unlikely to partner with individuals from families with low wealth. Parental wealth correlations among partners are higher when only parental assets rather than net wealth are examined, implying that the former might be a better measure for studying many social stratification processes. Most specifications indicate that homogamy increased in the 2000s relative to the 1990s, but trends can vary depending on methodological choices. The increasing levels of parental wealth homogamy raise concerns that over time, partnering behavior has become more consequential for wealth inequality between couples.

# The Direct Effect of Taxes and Transfers on Changes in the U.S. Income Distribution, 1967–2015

P. 1833-1851

Christopher Wimer, Zachary Parolin, Christopher Jencks

### **Abstract**

Scholars have increasingly drawn attention to rising levels of income inequality in the United States. However, prior studies have provided an incomplete account of how changes to specific transfer programs have contributed to changes in income growth across the distribution. Our study decomposes the direct effects of tax and transfer programs on changes in the household income distribution from 1967 to 2015. We show that despite a rising Gini coefficient, lower-tail inequality (the ratio of the 50th to 10th percentile) *declined* in the United States during this period due to the rise of in-kind and tax-based transfers. Food assistance and refundable tax credits account for nearly all the income growth between 1967 and 2015 at the 5th percentile and roughly one-half the growth at the 10th percentile. Moreover, income gains near the bottom of the distribution are concentrated among households with children. Changes in the income distribution were far less progressive among households without children.

# Early Determinants of Work Disability in an International Perspective

P. 1853-1879

Axel Börsch-Supan, Tabea Bucher-Koenen, Felizia Hanemann

### **Abstract**

This study explores the interrelated roles of health and welfare state policies in the decision to take up disability insurance (DI) benefits due to work disability (WD), defined as the (partial) inability to engage in gainful employment as a result of physical or mental illness. We exploit the large international variation of health, self-reported WD, and the uptake of DI benefits in the United States and Europe using a harmonized data set with life history information assembled from SHARE, ELSA, and HRS. We find that the mismatch between WD and DI benefit receipt varies greatly across countries. Objective health explains a substantial share of the within-country variation in DI, but this is not the case for the variation across countries. Rather, most of the variation between countries and the mismatches are explained by differences in DI policies.

# What Factors Explain the Decline in Widowed Women's Poverty?

P. 1881-1902

Alicia H. Munnell, Geoffrey Sanzenbacher, Alice Zulkarnain

## **Abstract**

Historically, women in widowhood in the United States have been vulnerable, with high rates of poverty. However, over the past several decades, their poverty rate has fallen considerably. In this article, we look at why this decline occurred and whether it will continue. Using data from the Health and Retirement Study linked to Social Security administrative earnings and benefit records, we address these questions by exploring three factors that could have contributed to this decline: (1) women's rising levels of education; (2) their increased attachment to the labor force; and (3) increasing marital selection, reflecting that whereas marriage used to be equally distributed, it is becoming less common among those with lower socioeconomic status. The project decomposes the share of the decline in poverty into contributions by each of these factors and also projects the role of these factors in the future. The results indicate that increases in education and work experience have driven most of the decline in widows' poverty to date, but that marital selection will likely play a large role in a continuing decline in the future. Still, even after these effects play out, poverty among widows will remain well above that of married women.

# Tapped Out? Racial Disparities in Extrahousehold Kin Resources and the Loss of Homeownership

P. 1903-1928

Gregory Sharp, Ellen Whitehead, Matthew Hall

#### Abstract

Research shows that extrahousehold kin economic resources contribute to the racial gap in transitions into homeownership, but the extent to which these resources matter for racial disparities in exits from homeownership is less understood. Using longitudinal data from the Panel Study of Income Dynamics, 1984–2017, we examine the role of extrahousehold kin wealth and poverty in shaping racial inequalities in the risk of exiting homeownership. Our nonlinear decomposition results indicate that racial differences in family network resources explain a nontrivial portion of the racial gap in homeownership exit, but there is little evidence that the effects of kin resources on exit are moderated by race. Among both Black and White owners, having wealthier noncoresident kin does not lessen the negative impacts of adverse economic or health shocks on the probability of losing homeownership. Our findings have implications for policies and programs designed to buttress the ability of minority households, especially those in financial distress, to sustain the wealth-building state of homeownership.

## Metropolitan Reclassification and the Urbanization of Rural America

P. 1929-1950

Kenneth M. Johnson, Daniel T. Lichter

### **Abstract**

Research shows that extrahousehold kin economic resources contribute to the racial gap in transitions into homeownership, but the extent to which these resources matter for racial disparities in exits from homeownership is less understood. Using longitudinal data from the Panel Study of Income Dynamics, 1984–2017, we examine the role of extrahousehold kin wealth and poverty in shaping racial inequalities in the risk of exiting homeownership. Our nonlinear decomposition results indicate that racial differences in family network resources explain a nontrivial portion of the racial gap in homeownership exit, but there is little evidence that the effects of kin resources on exit are moderated by race. Among both Black and White owners, having wealthier noncoresident kin does not lessen the negative impacts of adverse economic or health shocks on the probability of losing homeownership. Our findings have implications for policies and programs designed to buttress the ability of minority households, especially those in financial distress, to sustain the wealth-building state of homeownership.

### Income Segregation: Up or Down, and for Whom?

P. 1951-1974

John R. Logan, Andrew Foster, Wenquan Zhang

### **Abstract**

Reports of rising income segregation in the United States have been brought into question by the observation that post-2000 estimates are upwardly biased because of a reduction in the sample sizes on which they are based. Recent studies have offered estimates of this sample-count bias using public data. We show here that there are two substantial sources of systematic bias in estimating segregation levels: bias associated with sample size and bias associated with using weighted sample data. We rely on new correction methods using the original census sample data for individual households to provide more accurate estimates. Family income segregation rose markedly in the 1980s but only selectively after 1990. For some categories of families, segregation declined after 1990. There has been an upward trend for families with children but not specifically for families with children in the upper or lower 10% of the income distribution. Separate analyses by race/ethnicity show that income segregation was not generally higher among Blacks and Hispanics than among White families, and evidence of income segregation trends for these separate groups is mixed. Income segregation increased for all three racial groups for families with children, particularly for Hispanics (but not Whites or Blacks) in the upper 10% of the income distribution. Trends vary for specific combinations of race/ethnicity, presence of children, and location in the income distribution, offering new challenges for understanding the underlying processes of change.