

# Economic Uncertainty, Job Threat and the Resiliency of the Millennial Generation's

## Attitudes toward Immigration (Appendices)

### Appendix A: Variable Coding

The data used in the regression analysis were taken from the American National Election Study from 2008. Some of the variable coding has been changed from the original coding to best test our hypotheses. The survey question from which each variable was constructed as well as the variable coding is listed below in Table A1. For original coding, see ANES documentation and data available at: <http://www.electionstudies.org/studypages/2008prepost/2008prepost.htm>

**Table A1: Variable Coding using ANES 2008 Data**

<i>Variables</i>	<i>Survey Question</i>	<i>Coding</i>
Intolerance for Immigration	Do you think the number of immigrants from foreign countries who are permitted to come to the United States to live should be increased a lot, increased a little, left the same as it is now, decreased a little, or decreased a lot?	0 = increased a lot, increased a little, or left the same 1 = decreased a little or decreased a lot
Millennial Generation	Birthdate year	1 = respondent born 1980 and after 0 = respondent born before 1980
Immigrants Take Jobs	How likely is it that recent immigration levels will take jobs away from people already here – extremely likely, very likely, somewhat likely, or not at all likely?	1 = not at all 2 = somewhat likely 3 = very likely 4 = extremely likely
Future Financial Situation	Now looking ahead, do you think that a year from now you/ your family living here will be better off financially, worse off, or just about the same as now?	1 = better 2 = same 3 = worse
Illegal Immigrant Feelings	I'll read the name of a person and I'd like you to rate that person using something we call the feeling thermometer. Ratings between 50 degrees and 100 degrees mean that you feel favorable and warm toward the person. Ratings between 0 degrees and 50 degrees mean that you don't feel favorable toward the person and that you don't care too much for that person. You would rate the person at	Scale 0 = extremely unfavorable to 100 = extremely favorable

	the 50 degree mark if you don't feel particularly warm or cold toward the person. How would you rate illegal immigrants?	
Border State	State FIPS code	1 = reside in Arizona, California, New Mexico, or Texas 0 = reside in another state
Foreign Born	Where were your parents born: were they both born in the United States, was one born in the United States, or were both born in another country?	1 = both parents born in United States 2 = one parent born in United States 3 = both parents born outside the United States
Republican	Generally speaking, do you usually think of yourself as a Democrat, Republican, an Independent, or what?	1 = Republican 0 = other
Independent		1 = Independent 0 = other
Education	What is the highest grade of school or year of college you have completed?	Ranges from 0 = none to 17 = post-graduate
Gender	What is your gender?	1 = female 0 = male
African-American		1 = Black 0 = other
Latino	What racial or ethnic group or groups best describes you?	1 = Hispanic 0 = other
Asian-American		1 = Asian 0 = other

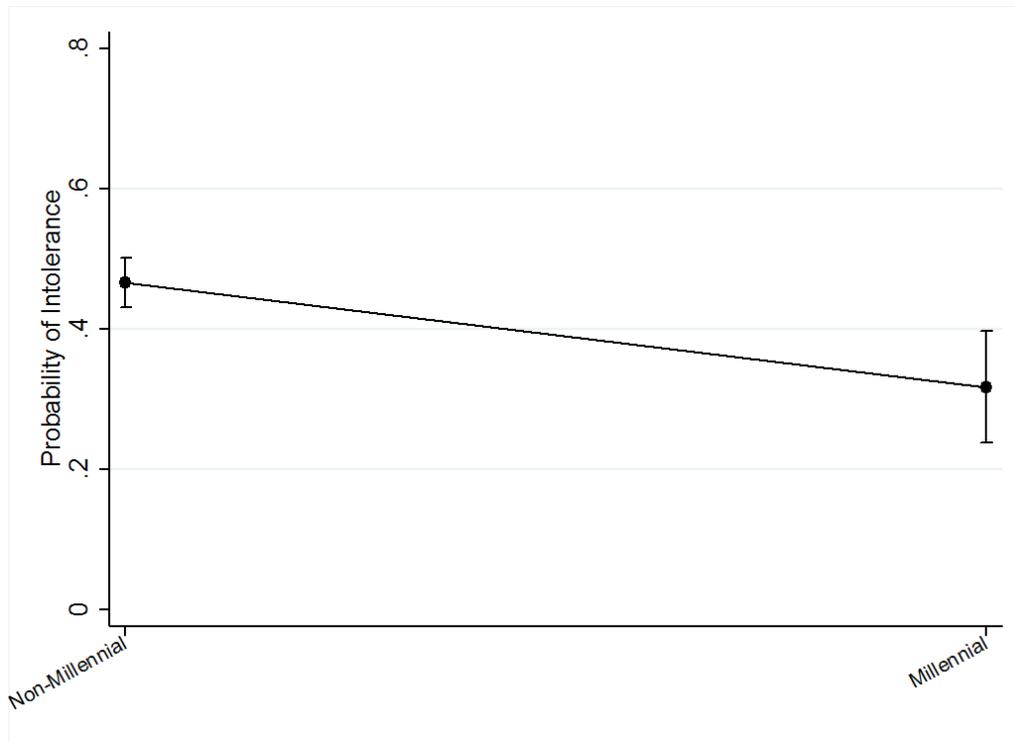
## Appendix B: Descriptive Statistics

The descriptive statistics for the model presented in Table 2 are reported below in Table B1.

<b>Table B1: Descriptive Statistics</b>				
	Mean	Std. Dev.	Min	Max
Immigration intolerance	0.438	0.496	0	1
Respondent born 1980 and after	0.170	0.376	0	1
Immigrants take jobs	2.489	0.970	1	4
Immigrants take jobs * Millennial	0.400	0.966	0	4
Future financial situation	1.704	0.665	1	3
Future financial situation * Millennial	0.266	0.647	0	3
Illegal immigrant feeling	44.210	26.948	0	100
Illegal immigrant feeling * Millennial	8.241	21.274	0	100
Border state resident	0.324	0.468	0	1
Border state resident * Millennial	0.065	0.246	0	1
Foreign born parents	1.320	0.683	1	3
Foreign born parents * Millennial	0.242	0.619	0	3
Republican	0.199	0.399	0	1
Independent	0.313	0.464	0	1
Education level	13.170	2.510	0	17
Female	0.556	0.497	0	1
Black	0.242	0.429	0	1
Hispanic	0.195	0.396	0	1
Asian	0.020	0.139	0	1

### Appendix C: Predicted Probabilities of Immigration Intolerance

The graph below visually presents the predicted probability of immigration intolerance for a Millennial Generation respondent (31.8%) and non-Millennial respondent (46.6%). Ninety-five percent confidence intervals are shown with capped bars.



Notes: All variables held at their overall means: immigrants take jobs (2.49), Millennial (0.20), Non-Millennial (0.80), future financial situation (1.77), illegal immigrant feelings (39.17), border state resident (0.25), foreign born parents (1.25), Republican (0.27), Independent (0.33), education (13.52), female (0.54), African-American (0.12), Latino (0.08), and Asian-American (0.03).

## Appendix D: Marginal Effects

The predicted probability of immigration intolerance at the minimum and maximum values for each independent variable interacted with Millennial Generation are reported below in Table C1 with corresponding standard errors. All other variables were held at their means.

<b>Table C1: Predicted Probabilities of Immigration Intolerance</b>			
<b>Dependent Variable: Intolerance for Immigration</b>			
<i>Do you think the number of immigrants from foreign countries who are permitted to come to the US to live should be increased, decreased, or kept the same? 1= intolerance (decreased a little or decreased a lot); 0= tolerance (increased a little, increased a lot, or stay the same)</i>			
		<b>Probability % (standard error)</b>	
		<i>Millennials</i>	<i>Non-Millennials</i>
<b>Economic Self-Interest</b>	Immigrants take jobs*Millennial	Min: 16.53% (0.044)	19.32% (0.024)
		Max: 45.79% (0.090)	77.59% (0.026)
	Future financial situation*Millennial	Min: 30.79% (0.050)	44.30% (0.029)
		Max: 21.95% (0.075)	53.74% (0.036)
<b>Symbolic Politics</b>	Illegal immigrant feeling*Millennial	Min: 56.79% (0.087)	64.51% (0.033)
		Max: 7.73% (0.033)	23.44% (0.034)
<b>Context and Contact</b>	Border state resident*Millennial	Min: 31.81% (0.046)	50.86% (0.022)
		Max: 19.44% (0.052)	39.36% (0.035)
	Foreign born parent*Millennial	Min: 30.31% (0.039)	50.17% (0.020)
		Max: 16.70% (0.085)	33.23% (0.053)

Notes: Means for Millennial group are: immigrants take jobs (2.38), future financial situation (1.62), illegal immigrant feelings (44.49), border state resident (0.29), foreign born parents (1.31), Republican (0.17), Independent (0.46), education (13.49), female (0.57), African-American (0.13), Latino (0.13), and Asian-American (0.04). Means for non-Millennial group are: immigrants take jobs (2.52), future financial situation (1.81), illegal immigrant feelings (37.82), border state resident (0.24), foreign born parents (1.24), Republican (0.29), Independent (0.29), education (13.53), female (0.54), African-American (0.11), Latino (0.07), and Asian-American (0.03).