

Online Appendix for *Nativism or Economic Threat:
Attitudes Toward Immigrants During the Great
Recession*

November 11, 2013

Table A1: Summary Statistics for Repeated Cross Sections and Panel

	Cross-Sections	Panel	Difference
Female	49.38%	45.48%	-3.90*
Hispanic	6.06%	5.49%	-0.57
Non-White/ Non-Hispanic	17.43%	13.93%	-3.5*
Mean Age	52.09	55.72	3.63*
College Educated	74.34%	75.62%	1.28
Independents	29.85%	30.23%	0.38
Republicans	30.68%	31.57%	0.89

* $p < 0.05$. Summary statistics for cross-sections report the unweighted data.

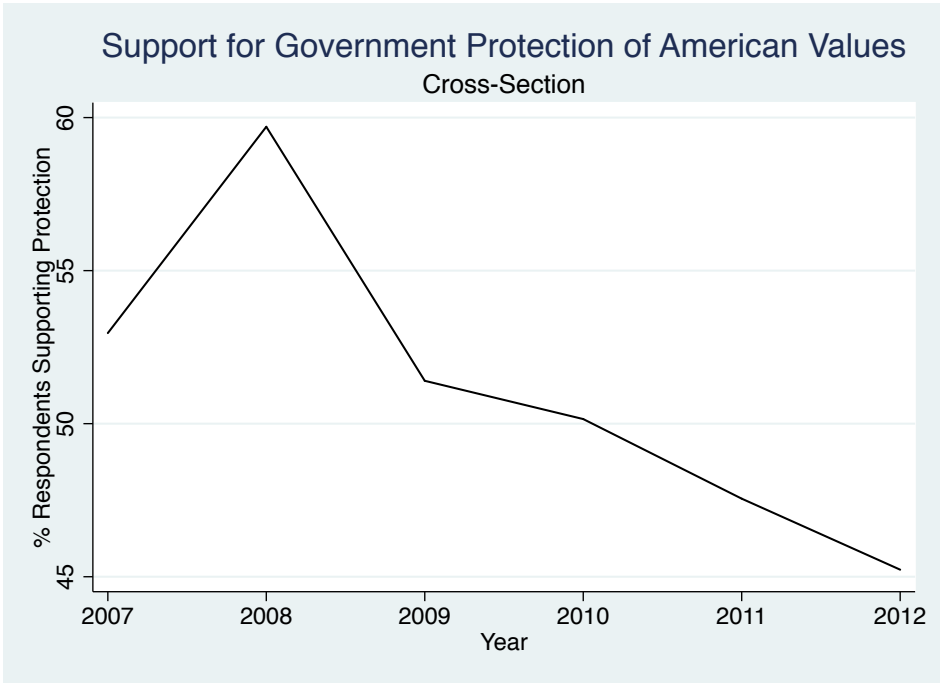


Figure A1: Opposition to Immigration and Trade during the Great Recession and Recovery

Table A2: Economic Perception Variables: Question Wording and Summary Statistics

<i>Family Variables</i>			
Variable	Question Wording	Repeated Cross	Change in Panel
Family's Income	Six months from now do you expect your family income to be...	Higher: 15% The same: 60% Lower: 19 % Not sure: 6%	Increase: 14% No change: 70% Decrease: 16%
Finances	Would you say that you and your family are better off or worse off financially than you were three years ago?	Much better: 9% Somewhat better: 22% Same: 27 % Somewhat worse: 27% Much worse: 14%	Increase: 24% No change: 52% Decrease: 24 %
Outsourcing	In recent years some U.S. companies have moved jobs abroad to countries with cheaper production costs. How likely do you think it is that the job you currently hold will be moved to a cheaper location overseas?	Very likely: 3% Somewhat likely: 5% Not very likely: 15% Not likely at all: 74% Not sure: 3%	Increase: 10% No change: 79% Decrease 11%
Job Security	Looking forward to the next three years, how confident do you feel about being able to keep your current job?	Very confident: 40% Confident: 34% Slightly confident: 20% Not confident: 9%	Increase: 22% No change: 55% Decrease: 23%
Finding a Job	If for some reason you were to lose your job, how easy would it be for you to find another job that pays as well or better than the job you currently have?	Very easy: 10% Somewhat easy: 17% Neither: 18% Somewhat difficult: 27% Very difficult: 26% Not sure: 3%	Increase: 21% No change: 55% Decrease: 25%
Children's future	Do you think your children will be financially better off than you are, when they are your age?	Yes: 13% Somewhat yes: 26% Same: 19% Somewhat no: 20% No: 12% Not sure: 9%	Increase: 25% No change: 51% Decrease: 24%
<i>Community and National Variables</i>			
Variable	Question Wording	Repeated Cross	Change in Panel
Friends Laid Off	Have any people you know closely, such as family members, friends, or neighbors, gotten laid off over the last two years?	Yes, many: 18% Yes, a few: 57% None: 25%	Increase: 17% No change: 65% Decrease: 18%
Friends Struggling	Among people you know closely, are any struggling to make ends meet?	Yes, many: 36% Yes, a few: 54% None: 11%	Increase: 16% No change: 67% Decrease: 17%
Number of Co-workers	Where you work, has there been a change in the number of people employed in the last two years?	Many on: 10% Few on: 25% None: 28% Few off: 21% Many off: 10% Not sure: 5%	Increase: 23% No change: 52% Decrease: 24%
Satisfaction with the economy	Overall, are you satisfied or concerned with the current state of the economy?	Very satisfied: 1% Somewhat satisfied: 9% Somewhat concerned: 31% Very concerned: 58% Not sure: 1%	Increase: 18% No change: 68% Decrease: 14%

Percentages may not sum to one due to rounding.

Table A3: Change in Economic Perception of the Family Regressed on Real Economy Variables

	(1) Δ Family's income	(2) Δ Outsourcing	(3) Δ Job Security	(4) Δ Finding a Job	(5) Δ Finances	(6) Δ Children's Future
Δ Employment (County)	3.59 (2.69)	0.71 (6.17)	2.96 (4.60)	3.22 (4.54)	3.47 (3.17)	2.15 (3.99)
Δ Income PC (County)	-0.00 (0.00)	-0.00+ (0.00)	0.00 (0.00)	0.00 (0.00)	0.00 (0.00)	-0.00** (0.00)
Δ Housing Starts	-0.00 (0.00)	0.00* (0.00)	0.00 (0.00)	0.00 (0.00)	0.00 (0.00)	-0.00 (0.00)
Δ Employment (Industry-State)	-0.00 (0.00)	0.00 (0.00)	0.00 (0.00)	0.00 (0.00)	-0.00 (0.00)	-0.00 (0.00)
Δ Mean Wage (Industry-State)	-0.01+ (0.01)	0.01 (0.01)	-0.00 (0.01)	-0.01 (0.01)	-0.00 (0.01)	0.00 (0.01)
2009	-0.15 (0.14)	-0.26 (0.35)	0.02 (0.57)	0.73 (0.68)	0.46 (0.32)	0.39 (0.42)
2010		-0.23 (0.33)	-0.13 (0.58)	0.76 (0.69)	0.38 (0.31)	0.97* (0.44)
College Educated	0.02 (0.08)	-0.10 (0.12)	0.03 (0.10)	0.17 (0.11)	0.17* (0.08)	-0.12 (0.12)
Women	0.08 (0.07)	0.07 (0.10)	-0.17+ (0.09)	-0.14 (0.09)	0.07 (0.08)	0.02 (0.12)
Age	0.00 (0.00)	0.00 (0.00)	-0.01 (0.00)	-0.00 (0.00)	0.00 (0.00)	-0.01+ (0.00)
Non-white/ Non-Hispanic	-0.14 (0.11)	-0.18 (0.13)	-0.05 (0.12)	-0.06 (0.12)	0.13 (0.11)	-0.23 (0.15)
Hispanic	-0.01 (0.13)	0.04 (0.20)	-0.01 (0.15)	-0.14 (0.18)	0.03 (0.14)	-0.32 (0.20)
Independent	-0.18* (0.09)	-0.21 (0.13)	-0.07 (0.11)	-0.20+ (0.11)	-0.25** (0.09)	-0.08 (0.14)
Republican	-0.38*** (0.09)	-0.04 (0.12)	-0.26* (0.11)	-0.19+ (0.11)	-0.43*** (0.09)	-0.22 (0.14)
Cut Point 1	-1.07*** (0.19)	-1.63*** (0.44)	-1.23+ (0.64)	0.04 (0.75)	-0.00 (0.36)	-0.38 (0.51)
Cut Point 2	0.86*** (0.19)	0.95* (0.44)	0.24 (0.64)	1.40+ (0.75)	1.29*** (0.36)	0.93+ (0.51)
Observations	1022	679	713	669	893	412

Standard errors in parentheses

+ $p < 0.10$, * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

Table A4: Change in Economic Perception of the Community Regressed on Real Economy Variables

	(1)	(2)	(3)	(4)
	Δ Friends Laid off	Δ Friends Struggling	Δ Number of co-workers	Δ Satisfaction with Economy
Δ Employment (County)	2.53 (3.10)	2.95 (3.14)	3.75 (4.36)	-0.46 (2.35)
Δ Income PC (County)	-0.00 (0.00)	0.00 (0.00)	-0.00 (0.00)	0.00 (0.00)
Δ Housing Starts	0.00 (0.00)	0.00 (0.00)	0.00 (0.00)	0.00+ (0.00)
Δ Employment (Industry-State)	-0.00 (0.00)	0.00 (0.00)	-0.00+ (0.00)	0.00 (0.00)
Δ Mean Wage (Industry-State)	0.00 (0.01)	0.01 (0.01)	0.04** (0.01)	0.01 (0.01)
2009	-0.15 (0.13)		-0.08 (0.52)	-0.09 (0.14)
2010		-0.37** (0.14)	0.12 (0.53)	
College Educated Women	-0.20** (0.07)	-0.01 (0.08)	0.01 (0.11)	0.01 (0.07)
Age	0.01 (0.07)	0.01 (0.07)	-0.07 (0.09)	0.09 (0.07)
Non-white/Non-Hispanic Hispanic	0.00 (0.00)	-0.00 (0.00)	0.00 (0.00)	-0.00 (0.00)
Independent	-0.03 (0.10)	0.06 (0.09)	0.06 (0.13)	0.04 (0.10)
Republican	-0.05 (0.13)	-0.09 (0.13)	0.21 (0.19)	0.12 (0.17)
Cut point 1	-0.29*** (0.08)	-0.15+ (0.08)	-0.16 (0.12)	-0.35*** (0.09)
Cut point 2	-0.40*** (0.09)	-0.39*** (0.09)	-0.17 (0.11)	-0.78*** (0.09)
Observations	1157	1156	628	1132

Standard errors in parentheses

+ $p < 0.10$, * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

Table A5: Change in Immigration Opinions Regressed on Changes in Objective Economic Variables

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	Low-Skill	High-Skill	China	India	Mexico	Europe	Germany	Romania	Canada
Δ Employment (County)	5.53 (8.05)	-0.77 (3.65)	-0.82 (3.01)	0.67 (3.11)	2.69 (3.36)	7.59+ (4.31)	-0.01 (5.19)	3.04 (5.86)	1.74 (4.43)
Δ Housing Starts	3.03 (3.22)	2.69 (2.88)	-2.61+ (1.35)	-0.77 (1.43)	-0.22 (1.77)	0.68 (1.45)	0.48 (1.86)	-1.70 (1.98)	0.95 (1.85)
Δ Income PC (County)	2.23 (5.92)	-3.62 (6.79)	3.21 (3.59)	-0.10 (3.41)	1.33 (4.02)	-4.01 (4.91)	-1.78 (3.45)	-0.61 (4.31)	-1.72 (3.14)
Δ Employment (Industry-State)	-1.21* (0.58)	1.39* (0.59)	0.11 (0.27)	-0.12 (0.35)	0.20 (0.33)	0.31 (0.63)			
Δ Mean Wage (Industry-State)	-15.90 (15.98)	31.39 (21.37)	4.13 (15.29)	0.15 (15.50)	16.11 (15.01)	11.32 (22.75)			
2009				0.11 (0.45)					
2010	-0.25 (0.29)	0.22 (0.27)	0.67*** (0.16)	0.68 (0.46)	0.38* (0.18)				
Some College+	0.23 (0.16)	-0.12 (0.16)	0.17+ (0.10)	0.23* (0.09)	0.32** (0.10)	0.20 (0.15)	0.17* (0.08)	0.24** (0.08)	0.12 (0.08)
Women	-0.34* (0.15)	-0.19 (0.16)	-0.13 (0.09)	-0.17+ (0.09)	-0.10 (0.10)	-0.22 (0.15)	-0.02 (0.06)	0.04 (0.07)	0.07 (0.06)
Age	0.03 (0.03)	-0.02 (0.03)	-0.02 (0.02)	-0.03 (0.02)	0.02 (0.02)	-0.01 (0.03)	-0.00 (0.02)	-0.01 (0.02)	-0.00 (0.02)
Age ²	-0.00 (0.00)	0.00 (0.00)	0.00 (0.00)	0.00 (0.00)	-0.00 (0.00)	0.00 (0.00)	-0.00 (0.00)	0.00 (0.00)	-0.00 (0.00)
Non-white/ Non-Hispanic Hispanic	0.31 (0.23)	-0.37+ (0.22)	-0.20 (0.13)	-0.09 (0.13)	-0.03 (0.14)	-0.25 (0.22)	-0.07 (0.10)	0.12 (0.11)	-0.09 (0.09)
Independent	-0.10 (0.31)	0.03 (0.24)	-0.22 (0.17)	-0.09 (0.18)	-0.05 (0.20)	0.29 (0.23)	0.07 (0.14)	0.09 (0.12)	-0.05 (0.14)
Republican	-0.09 (0.19)	0.11 (0.19)	-0.16 (0.11)	-0.12 (0.11)	-0.25* (0.13)	-0.06 (0.20)	-0.09 (0.08)	-0.06 (0.08)	-0.15* (0.07)
Obama	0.13 (0.33)	0.24 (0.18)	-0.12 (0.11)	-0.06 (0.11)	-0.48 (0.39)	-0.44 (0.35)	-0.06 (0.08)	0.00 (0.08)	-0.06 (0.08)
Obama*Rep	0.01 (0.39)	-1.27+ (0.67)	0.07 (0.34)		-0.14 (0.33)	-0.38 (0.39)			
Catholic	-0.20 (0.32)				0.25 (0.40)	0.35 (0.40)			
Other Christian	-0.06 (0.20)	0.47* (0.21)	0.04 (0.12)	-0.05 (0.13)	0.02 (0.14)	-0.02 (0.21)	-0.02 (0.08)	0.10 (0.09)	0.06 (0.08)
Non-Christian	-0.08 (0.26)	0.27 (0.23)	0.03 (0.15)	-0.07 (0.15)	-0.18 (0.15)	-0.11 (0.20)	-0.12 (0.10)	-0.16 (0.10)	-0.07 (0.10)
No Religion	-0.02 (0.28)	0.28 (0.31)	0.14 (0.16)	0.17 (0.16)	0.22 (0.17)	-0.19 (0.22)	-0.12 (0.13)	-0.12 (0.14)	-0.11 (0.12)
Cut Point 1	0.38+ (0.23)	0.25 (0.22)	0.06 (0.13)	-0.09 (0.13)	0.10 (0.14)	-0.10 (0.20)	0.01 (0.09)	0.03 (0.09)	0.16+ (0.08)
Cut Point 2	-0.68 (0.89)	-2.42* (1.12)	-1.03+ (0.53)	-1.52* (0.71)	-1.01 (0.67)	-1.77** (0.68)	-1.16* (0.47)	-1.11* (0.46)	-1.13** (0.43)
Observations	297	262	694	688	639	275	1526	1372	1565
Pseudo R^2	0.06	0.05	0.05	0.04	0.05	0.02	0.00	0.01	0.01

Standard errors in parentheses

+ $p < 0.10$, * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

Table A6: Cross-Tabulation of Immigration on Education

	Education		Total
	Less than College	College Educated	
Low-Skill Immigration			
Oppose	70.86	53.98	58.1
Support	29.14	46.02	41.9
Total	100	100	100
p<0.000			
High-Skill Education			
Oppose	48.17	30.55	35.05
Support	51.83	69.45	64.95
Total	100	100	100
p<0.000			

Column percentages shown.

Table A7: Percent who Oppose Immigration by Fiscal Exposure

	Opposition to Low-Skill Immigration		Opposition to High-Skill Immigration	
	Low Fiscal Exposure	High Fiscal Exposure	Low Fiscal Exposure	High Fiscal Exposure
Below \$30,000	62.02	50.94	44.7	33.23
\$30,000-\$60,000	61.98	49.4	39.02	29.79
\$60,000-\$90,000	59.42	45.84	33.24	25.85
Over \$90,000	52.99	50.00	21.74	16.06

Table A8: Opinions on Immigration Regressed on Demographics - Levels vs. Changes

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	China	China	India	India	Europe/	Germany/	Germany	Mexico
	Levels	Change	Levels	Change	Levels	Change	Levels	Change
At least some	-0.81*** (0.04)	0.05 (0.04)	-0.83*** (0.04)	0.07 (0.04)	-0.97*** (0.04)	0.11* (0.05)	-0.80*** (0.05)	0.04 (0.04)
College								
Women	0.24*** (0.04)	-0.01 (0.04)	0.25*** (0.04)	-0.03 (0.04)	0.42*** (0.04)	0.02 (0.04)	0.09* (0.04)	-0.04 (0.04)
Age	0.01*** (0.00)	-0.00** (0.00)	0.01*** (0.00)	-0.00** (0.00)	-0.00 (0.00)	-0.00 (0.00)	0.01*** (0.00)	-0.01*** (0.00)
Non-White and	0.07*** (0.01)	-0.03* (0.01)	0.02 (0.01)	-0.01 (0.01)	0.04** (0.02)	-0.01 (0.02)	0.01 (0.01)	-0.03* (0.01)
Non-hispanic								
Hispanic	-0.30*** (0.08)	0.05 (0.08)	-0.17* (0.08)	0.02 (0.08)	-0.15 (0.09)	0.12 (0.09)	-0.86*** (0.08)	0.10 (0.09)
Cut point 1		-1.32*** (0.11)		-1.41*** (0.11)		-0.98*** (0.12)		-1.63*** (0.11)
Cut point 2		0.61*** (0.11)		0.58*** (0.11)		1.06*** (0.12)		0.67*** (0.11)
Constant	-0.52*** (0.11)		-0.40*** (0.10)		-0.78*** (0.11)		0.28** (0.11)	
Observations	11995	4205	12142	4239	12442	3538	12796	4273
R^2								

Standard errors in parentheses

+ $p < 0.10$, * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

Table A9: Opinions on Immigration Regressed on Demographics — Levels vs. Changes — Age Cohorts

	(1)	(2)	(3)	(4)
	Low-Skill	Low-Skill	High-Skill	High-Skill
	Level	Change	Level	Change
Some College+	-0.76*** (0.08)	0.10 (0.09)	-0.69*** (0.06)	-0.08 (0.09)
Women	0.05 (0.06)	-0.19* (0.08)	0.40*** (0.06)	-0.07 (0.08)
Middle Aged	0.38*** (0.09)	-0.07 (0.14)	0.21* (0.09)	0.12 (0.14)
Elderly	0.01*** (0.00)	-0.00 (0.00)	-0.00 (0.00)	0.00 (0.00)
Non-white/ Non-Hispanic	-0.73* (0.31)	-0.02 (0.39)	-0.59* (0.30)	-0.01 (0.41)
Hispanic	-1.01*** (0.13)	-0.11 (0.18)	-0.35** (0.13)	0.03 (0.16)
Independent	0.47*** (0.11)	-0.16 (1.02)	0.03 (0.11)	-0.05 (0.85)
Republican	1.01*** (0.12)	-1.66+ (1.00)	-0.02 (0.11)	0.03 (0.10)
Obama	-0.28** (0.09)	-0.89 (0.70)	-0.37*** (0.10)	-0.76 (0.47)
Obama*Ind	0.30* (0.14)	0.08 (1.03)	0.14 (0.14)	0.10 (0.86)
Obama*Rep	0.58*** (0.15)	1.50 (1.01)	0.28* (0.14)	
Catholic	-0.16+ (0.09)	-0.07 (0.11)	-0.05 (0.08)	0.13 (0.11)
Other Christian	0.24* (0.10)	-0.03 (0.14)	0.23* (0.09)	0.02 (0.12)
Non-Christian	-0.47*** (0.10)	-0.03 (0.15)	-0.15 (0.11)	-0.09 (0.15)
No Religion	-0.57*** (0.08)	0.03 (0.12)	-0.26** (0.09)	0.21+ (0.11)
Cut Point 1		-1.83* (0.71)		-1.39** (0.49)
Cut Point 2		-0.33 (0.71)		-0.10 (0.49)
Constant	0.56*** (0.14)		-0.05 (0.14)	
Observations	5419	852	5422	831
R^2	0.113	0.009	0.041	0.007

Robust standard errors in parentheses

+ $p < 0.10$, * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

Table A10: Change in Opinions on Immigration (5 response categories) Regressed on Economic Perception Variables

<i>DV: Δ Immigration Opinion</i>	(1)		(2)		(3)	
	Est.	SE	Est.	SE	Est.	SE
$-\Delta$ Family Income			0.08	(0.10)	0.09	(0.12)
$+\Delta$ Family Income			0.28**	(0.10)	0.29*	(0.12)
$-\Delta$ Friends Struggling			-0.14	(0.10)	-0.16	(0.11)
$+\Delta$ Friends Struggling			0.11	(0.10)	0.19	(0.12)
$-\Delta$ Satisfaction with Economy			-0.09	(0.10)	-0.07	(0.12)
$+\Delta$ Satisfaction with Economy			-0.09	(0.10)	-0.18	(0.12)
% Foreign Born					0.13	(0.72)
Δ % Foreign Born					-26.89	(29.62)
Level*Change Foreign Born					303.55+	(166.28)
Δ Social Spending					0.00	(0.00)
Δ Fiscal Exposure					-0.03	(0.03)
Some College+	0.03	(0.08)	0.03	(0.08)	0.08	(0.10)
Women	-0.15*	(0.07)	-0.12+	(0.07)	-0.16+	(0.08)
Non-white/ Non-Hispanic	0.09	(0.10)	0.08	(0.11)	0.11	(0.12)
Hispanic	-0.04	(0.15)	-0.11	(0.16)	-0.16	(0.19)
Independent	-0.04	(0.08)	-0.04	(0.08)	-0.09	(0.10)
Republican	-0.16+	(0.08)	-0.15+	(0.09)	-0.15	(0.10)
2009	-0.40	(0.45)				
2010	-0.36	(0.44)	-0.00	(0.13)	-0.04	(0.13)
2011	-0.28	(0.44)	0.10	(0.12)	0.08	(0.13)
2012	-0.12	(0.44)	0.20	(0.13)		
High-Skill Immigration Question						
High Skill Question	0.50	(0.60)	0.23	(0.17)	-0.01	(0.21)
$-\Delta$ Family Income			-0.04	(0.14)	-0.00	(0.17)
$+\Delta$ Family Income			-0.14	(0.15)	-0.16	(0.18)
$-\Delta$ Friends Struggling			0.19	(0.14)	0.32*	(0.16)
$+\Delta$ Friends Struggling			-0.16	(0.14)	-0.20	(0.17)
$-\Delta$ Satisfaction with Economy			0.03	(0.14)	0.09	(0.17)
$+\Delta$ Satisfaction with Economy			0.28*	(0.14)	0.41*	(0.17)
% Foreign Born					-0.27	(1.09)
Δ % Foreign Born					16.00	(43.96)
Level*Change Foreign Born					-242.36	(251.64)
Δ Social Spending					-0.00	(0.00)
Δ Fiscal Exposure					0.06	(0.05)
Some College+	-0.10	(0.11)	-0.10	(0.12)	-0.26+	(0.14)
Women	0.03	(0.09)	0.02	(0.10)	0.07	(0.12)
Non-white/ Non-Hispanic	-0.15	(0.15)	-0.14	(0.16)	-0.29	(0.18)
Hispanic	0.08	(0.20)	0.11	(0.22)	0.11	(0.25)
Independent	0.14	(0.11)	0.13	(0.12)	0.15	(0.15)
Republican	0.16	(0.11)	0.18	(0.12)	0.19	(0.15)
2009	-0.59	(0.61)	-0.41*	(0.20)	-0.17	(0.21)
2010	-0.18	(0.60)			0.29+	(0.17)
2011	-0.52	(0.60)	-0.32*	(0.13)		
2012	-0.67	(0.60)	-0.41**	(0.14)		
Cut Point 1	-1.13*	(0.44)	-0.75***	(0.15)	-0.76***	(0.17)
Cut Point 2	0.28	(0.44)	0.65***	(0.15)	0.63***	(0.17)
Observations	2396		2151		1497	
Pseudo R^2	0.009		0.012		0.019	

Robust standard errors in parentheses
 + $p < 0.10$, * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

Table A11: Predicted Probability of Changing Response on Immigration

Low-Skill Immigration Question			
Independent Variable of Interest	Negative Change	No Change	Positive Change
-Δ Family Income	-0.02	-0.005*	0.03
+Δ Family Income	-0.07*	-0.03*	0.12*
-Δ Friends Struggling	0.05	0.001	-0.05
+Δ Friends Struggling	-0.05+	-0.02*	0.07
-Δ Satisfaction with Economy	0.02	0.002*	-0.02
+Δ Satisfaction with Economy	0.06	0.001	-0.06
% Foreign Born (25% to 75%)	-0.004	-0.001*	0.006
Δ % Foreign Born (25% to 75%)	0.04	0.006*	-0.05
Level*Change Foreign Born	-0.01	-0.001*	0.01
Δ Social Spending	-0.01	-0.001*	0.01
Δ Fiscal Exposure	0.03	0.004*	-0.03
Some College+	-0.02	-0.002*	0.03
Women	0.05+	0.002	-0.05+
Non-white/ Non-Hispanic	-0.03	-0.007*	0.04
Hispanic	0.05	0.001	-0.05
Independent	0.03	0.002*	-0.03
Republican	0.05	0.002	-0.05
2010	0.01	0.002*	-0.01
2011	-0.03	-0.01*	0.04
High-Skill Immigration Question			
Independent Variable of Interest	Negative Change	No Change	Positive Change
High Skill Question	-0.01	-0.001*	0.01
-Δ Family Income	-0.02	-0.01*	0.03
+Δ Family Income	-0.03	-0.01*	0.04
-Δ Friends Struggling	-0.04	-0.01*	0.06
+Δ Friends Struggling	0.002	0.0004*	-0.003
-Δ Satisfaction with Economy	-0.005	-0.001*	0.006
+Δ Satisfaction with Economy	-0.12+	-0.02*	0.08+
% Foreign Born	0.006	0.001*	-0.007
Δ % Foreign Born	0.02	0.003*	-0.02
Level*Change Foreign Born	-0.005	0.001*	-0.006
Δ Social Spending	0.02	0.003*	-0.02
Δ Fiscal Exposure	-0.02	-0.006*	0.03
Some College+	0.05+	0.02*	-0.06+
Women	0.03	0.003*	-0.03
Non-white/ Non-Hispanic	0.06	0.003+	0.06
Hispanic	0.02	0.002*	-0.02
Independent	-0.02	-0.005*	0.02
Republican	-0.01	-0.002*	0.01
2009	0.13*	-0.01*	-0.11*
2010	-0.09	-0.002	0.09

+ $p < 0.10$, * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

Table A12: Change in Opinions on Low-Skill Immigration Regressed on Additional Economic Perception Variables

<i>DV: Δ Low-Skill Immigration</i>	(1)	(2)	(3)	(4)	(5)	(6)	(7)
−Δ Outsource Risk	-0.03 (0.15)						
+Δ Outsource Risk	0.05 (0.15)						
−Δ Job Security		-0.25* (0.12)					
+Δ Job Security		-0.19+ (0.11)					
−Δ Find Job			-0.06 (0.11)				
+Δ Find Job			0.19 (0.12)				
−Δ Fin.from last 3 years				-0.00 (0.09)			
+Δ Fin.from last 3 years				0.04 (0.09)			
−Δ Childrens' Future					-0.07 (0.12)		
+Δ Childrens' Future					0.13 (0.13)		
−Δ Friends Laid Off						0.02 (0.08)	
+Δ Friends Laid Off						-0.05 (0.09)	
Co-workers Laid Off							-0.05 (0.12)
Co-workers Hired							0.04 (0.12)
Some College+	0.02 (0.11)	0.01 (0.11)	0.03 (0.11)	0.08 (0.09)	0.09 (0.12)	0.03 (0.08)	-0.06 (0.11)
Women	-0.22* (0.10)	-0.22* (0.10)	-0.19+ (0.10)	-0.13+ (0.08)	-0.19+ (0.11)	-0.15* (0.07)	-0.18+ (0.10)
Age	0.02 (0.03)	0.02 (0.03)	0.02 (0.03)	0.01 (0.02)	0.02 (0.03)	0.00 (0.02)	0.01 (0.03)
Age ²	-0.00 (0.00)	-0.00 (0.00)	-0.00 (0.00)	-0.00 (0.00)	-0.00 (0.00)	-0.00 (0.00)	-0.00 (0.00)
Non-white/ Non-Hispanic	0.08 (0.15)	0.11 (0.14)	0.10 (0.14)	0.07 (0.12)	0.13 (0.16)	0.08 (0.11)	0.05 (0.15)
Hispanic	-0.03 (0.24)	0.06 (0.24)	0.01 (0.24)	-0.06 (0.17)	0.19 (0.31)	-0.08 (0.16)	-0.04 (0.25)
Independent	-0.05 (0.12)	-0.07 (0.11)	-0.04 (0.11)	-0.01 (0.09)	-0.02 (0.13)	-0.01 (0.08)	-0.04 (0.12)
Republican	-0.13 (0.13)	-0.12 (0.13)	-0.10 (0.14)	-0.04 (0.10)	-0.23+ (0.14)	-0.12 (0.09)	-0.13 (0.14)
Obama	-0.50 (0.75)	-0.41 (0.70)	-0.41 (0.72)	0.08 (0.53)	0.49 (0.43)		-0.44 (0.76)
Catholic	-0.15 (0.14)	-0.11 (0.14)	-0.15 (0.14)	-0.15 (0.10)	-0.18 (0.14)	-0.09 (0.09)	-0.13 (0.14)
Other Christian	-0.03 (0.16)	-0.07 (0.16)	-0.07 (0.17)	-0.19 (0.14)	-0.33+ (0.18)	-0.11 (0.12)	-0.09 (0.17)
Non-Christian	0.24 (0.17)	0.26 (0.17)	0.25 (0.17)	0.18 (0.15)	0.06 (0.21)	0.14 (0.13)	0.30+ (0.18)
No Religion	0.09 (0.13)	0.07 (0.13)	0.05 (0.14)	0.07 (0.11)	-0.21 (0.15)	0.05 (0.10)	0.11 (0.14)
Cut Point 1	-0.87 (0.97)	-0.92 (0.94)	-0.82 (0.98)	-0.66 (0.73)	-0.10 (0.91)	-0.82+ (0.44)	-1.06 (0.98)
Cut Point 2	0.63 (0.97)	0.61 (0.94)	0.69 (0.98)	0.81 (0.73)	1.34 (0.91)	0.66 (0.44)	0.44 (0.98)
Observations	606	623	592	933	488	1175	576
Pseudo R^2	0.01	0.02	0.01	0.01	0.02	0.01	0.01

Standard errors in parentheses

+ $p < 0.10$, * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

Table A13: Change in Opinions on High-Skill Immigration Regressed on Additional Economic Perception Variables

<i>DV: Δ High-Skill Immigration</i>	(1)	(2)	(3)	(4)	(5)	(6)	(7)
- Δ Outsource Risk	-0.18 (0.17)						
+ Δ Outsource Risk	0.21 (0.18)						
- Δ Job Security		-0.03 (0.11)					
+ Δ Job Security		0.03 (0.12)					
- Δ Find Job			-0.09 (0.11)				
+ Δ Find Job			-0.18 (0.13)				
- Δ Fin.from last 3 years				0.05 (0.09)			
+ Δ Fin.from last 3 years				0.01 (0.09)			
- Δ Childrens' Future					0.20 (0.14)		
+ Δ Childrens' Future					-0.05 (0.13)		
- Δ Friends Laid Off						-0.24** (0.09)	
+ Δ Friends Laid Off						0.02 (0.10)	
Co-workers Laid Off							-0.13 (0.13)
Co-workers Hired							-0.09 (0.12)
Some College+	-0.04 (0.13)	-0.04 (0.13)	-0.02 (0.13)	-0.07 (0.09)	-0.09 (0.14)	-0.04 (0.08)	-0.02 (0.14)
Women	-0.03 (0.10)	-0.04 (0.10)	-0.08 (0.10)	-0.09 (0.08)	-0.21+ (0.12)	-0.05 (0.07)	-0.08 (0.10)
Age	0.02 (0.03)	0.02 (0.03)	0.02 (0.03)	-0.00 (0.02)	0.01 (0.04)	0.00 (0.02)	0.03 (0.03)
Age ²	-0.00 (0.00)	-0.00 (0.00)	-0.00 (0.00)	0.00 (0.00)	-0.00 (0.00)	-0.00 (0.00)	-0.00 (0.00)
Non-white/ Non-Hispanic	0.02 (0.14)	-0.03 (0.14)	-0.02 (0.14)	-0.02 (0.12)	-0.21 (0.17)	-0.02 (0.11)	0.02 (0.15)
Hispanic	-0.07 (0.18)	-0.08 (0.17)	-0.09 (0.17)	0.01 (0.16)	-0.04 (0.24)	0.05 (0.15)	-0.11 (0.19)
Independent	0.03 (0.12)	0.01 (0.11)	0.02 (0.12)	0.05 (0.09)	-0.12 (0.14)	0.05 (0.08)	-0.04 (0.12)
Republican	0.10 (0.12)	0.11 (0.12)	0.14 (0.12)	0.20* (0.10)	0.16 (0.14)	0.16+ (0.09)	0.06 (0.13)
Obama	-0.90+ (0.50)	-0.85+ (0.49)	-0.90+ (0.51)	-0.78 (0.51)	-1.03 (0.83)		-0.93+ (0.48)
Catholic	0.07 (0.14)	0.06 (0.13)	0.05 (0.14)	0.07 (0.11)	0.17 (0.15)	0.13 (0.10)	0.04 (0.14)
Other Christian	0.04 (0.16)	0.01 (0.15)	-0.01 (0.15)	0.01 (0.13)	0.12 (0.20)	0.06 (0.11)	0.03 (0.16)
Non-Christian	-0.05 (0.22)	-0.01 (0.21)	0.02 (0.22)	-0.20 (0.17)	0.25 (0.26)	-0.04 (0.14)	0.03 (0.23)
No Religion	0.22+ (0.13)	0.21 (0.13)	0.23+ (0.13)	0.13 (0.10)	0.20 (0.14)	0.13 (0.09)	0.15 (0.14)
Cut Point 1	-1.39+ (0.80)	-1.35+ (0.79)	-1.41+ (0.81)	-1.95** (0.67)	-1.69 (1.16)	-0.89+ (0.47)	-1.16 (0.80)
Cut Point 2	0.55 (0.80)	0.59 (0.79)	0.56 (0.81)	0.10 (0.67)	0.39 (1.16)	1.14* (0.47)	0.81 (0.80)
Observations	600	624	606	984	487	1200	563
Pseudo R^2	0.01	0.01	0.01	0.01	0.02	0.01	0.01

Standard errors in parentheses

+ $p < 0.10$, * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

Table A14: Change in Opinions on Immigration Regressed on Economic Perception Variables with Foreign Born measured at the County Level

<i>DV: Δ Immigration Opinion</i>	(1)		(2)		(3)	
	Est.	S.E.	Est.	S.E.	Est.	S.E.
$-\Delta$ Family Income 6 Months			0.08	(0.10)	0.31 ⁺	(0.16)
$+\Delta$ Family Income 6 Months			0.28**	(0.10)	0.35*	(0.16)
$-\Delta$ Friends Struggling			-0.14	(0.10)	-0.29*	(0.15)
$+\Delta$ Friends Struggling			0.11	(0.10)	0.18	(0.15)
$-\Delta$ Satisfaction with Economy			-0.10	(0.10)	-0.12	(0.16)
$+\Delta$ Satisfaction with Economy			-0.09	(0.10)	-0.21	(0.15)
% Foreign Born (County)					-0.64	(0.56)
Δ % Foreign Born (County)					-0.23	(10.11)
Level*Change Foreign Born (County)					63.86	(61.14)
Δ Social Spending					-0.00	(0.00)
Δ Fiscal Exposure					-0.01	(0.03)
Some College+	0.03	(0.08)	0.03	(0.08)	0.13	(0.13)
Women	-0.15*	(0.07)	-0.12 ⁺	(0.07)	-0.05	(0.11)
Non-white/ Non-Hispanic	0.09	(0.10)	0.08	(0.11)	0.17	(0.16)
Hispanic	-0.04	(0.15)	-0.11	(0.16)	-0.25	(0.22)
Independent	-0.04	(0.08)	-0.04	(0.08)	-0.00	(0.14)
Republican	-0.15 ⁺	(0.08)	-0.15 ⁺	(0.09)	-0.23 ⁺	(0.13)
2009	-0.40	(0.45)	-0.20	(0.13)	-0.17	(0.18)
2010	-0.36	(0.44)	-0.20*	(0.09)	-0.15	(0.14)
2011	-0.28	(0.44)	-0.11	(0.08)		
2012	-0.12	(0.44)				
High-skill Immigration Question						
High Skill Question	0.51	(0.60)	-0.17	(0.17)	0.13	(0.30)
$-\Delta$ Family Income 6 Months			-0.04	(0.14)	-0.26	(0.24)
$+\Delta$ Family Income 6 Months			-0.15	(0.15)	-0.36	(0.25)
$-\Delta$ Friends Struggling			0.19	(0.14)	0.29	(0.22)
$+\Delta$ Friends Struggling			-0.16	(0.14)	-0.46*	(0.23)
$-\Delta$ Satisfaction with Economy			0.03	(0.14)	-0.09	(0.24)
$+\Delta$ Satisfaction with Economy			0.28*	(0.14)	0.70**	(0.22)
% Foreign Born (County)					-0.43	(0.96)
Δ % Foreign Born (County)					-24.07	(17.10)
Level*Change Foreign Born (County)					27.70	(100.39)
Δ Social Spending					-0.00	(0.00)
Δ Fiscal Exposure					0.08 ⁺	(0.05)
Some College+	-0.09	(0.11)	-0.09	(0.12)	-0.22	(0.20)
Women	0.02	(0.09)	0.01	(0.10)	0.02	(0.17)
Non-White/ Non-Hispanic	-0.14	(0.15)	-0.13	(0.16)	-0.19	(0.26)
Hispanic	0.08	(0.20)	0.11	(0.22)	-0.01	(0.32)
Independent	0.12	(0.11)	0.11	(0.12)	-0.04	(0.20)
Republican	0.15	(0.11)	0.17	(0.12)	0.23	(0.20)
2009	-0.59	(0.61)	-0.00	(0.19)	-0.15	(0.32)
2010	-0.18	(0.60)	0.41**	(0.14)	0.38 ⁺	(0.22)
2011	-0.52	(0.60)	0.09	(0.12)		
2012	-0.67	(0.60)				
Cut Point 1	-1.12*	(0.44)	-0.95***	(0.12)	-0.96***	(0.21)
Cut Point 2	0.28	(0.44)	0.45***	(0.12)	0.48*	(0.20)
Observations	2392		2147		825	
Pseudo R^2	0.01		0.01		0.04	

Robust standard errors in parentheses

⁺ $p < 0.10$, * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

Table A15: Change in Opinions on Immigration (5 response categories) Regressed on Economic Perception Variables and Change in Foreign Born in Industry (Table 5, Model 3 with Change in Foreign Born in Industry)

<i>DV: Δ Immigration Opinion</i>	Est.	S.E.
$-\Delta$ Family Income 6 Months	0.19	(0.18)
$+\Delta$ Family Income 6 Months	0.40*	(0.19)
$-\Delta$ Friends Struggling	-0.02	(0.17)
$+\Delta$ Friends Struggling	0.05	(0.17)
$-\Delta$ Satisfaction with Economy	-0.12	(0.19)
$+\Delta$ Satisfaction with Economy	-0.14	(0.19)
Δ % Foreign Born in Industry	9.92	(23.42)
% Foreign Born	1.14	(1.05)
Δ % Foreign Born	0.92	(42.84)
Level*Change Foreign Born	-12.87	(225.92)
Δ Social Spending	-0.00	(0.00)
Δ Fiscal Exposure	0.02	(0.05)
Some College+	-0.01	(0.16)
Women	-0.16	(0.14)
Non-white/ Non-Hispanic	-0.07	(0.19)
Hispanic	0.02	(0.28)
Independent	-0.30 ⁺	(0.15)
Republican	-0.24	(0.17)
2009	-0.20	(0.41)
2010	-0.35*	(0.16)
High-skill Immigration Question		
High Skill Question	-0.18	(0.35)
$-\Delta$ Family Income 6 Months	-0.16	(0.27)
$+\Delta$ Family Income 6 Months	-0.31	(0.29)
$-\Delta$ Friends Struggling	0.34	(0.25)
$+\Delta$ Friends Struggling	0.19	(0.26)
$-\Delta$ Satisfaction with Economy	0.13	(0.28)
$+\Delta$ Satisfaction with Economy	0.29	(0.26)
Δ % Foreign Born in Industry	44.02	(34.79)
% Foreign Born	-1.58	(1.71)
Δ % Foreign Born	6.56	(64.28)
Level*Change Foreign Born	65.76	(364.32)
Δ Social Spending	0.00 ⁺	(0.00)
Δ Fiscal Exposure	-0.04	(0.07)
Some College+	-0.30	(0.25)
Women	-0.19	(0.20)
Non-white/Non-Hispanic	-0.19	(0.29)
Hispanic	-0.18	(0.35)
Independnet	0.51*	(0.23)
Republican	0.33	(0.24)
2009	0.10	(0.72)
2010	0.29	(0.25)
Cut Point 1	-1.03***	(0.23)
Cut Point 2	0.35	(0.22)
Observations	620	
Pseudo R^2	0.04	

Robust standard errors in parentheses

⁺ $p < 0.10$, * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

Table A16: Change in Opinions on Immigration By Country Regressed on Economic Perception Variables

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
	Δ Chinese	Δ Chinese	Δ Indian	Δ Indian	Δ Mexican	Δ Mexican	Δ European	Δ European	Δ German	Δ German	Δ Romanian	Δ Romanian	Δ Canadian	Δ Canadian
<i>Family Variables</i>														
-Δ Family Income	-0.13* (0.07)	-0.12+ (0.07)	-0.03 (0.05)	-0.02 (0.07)	-0.04 (0.09)	-0.13 (0.10)	-0.19 (0.23)	-0.23 (0.22)	-0.37** (0.13)	-0.43* (0.18)	-0.13+ (0.07)	-0.07 (0.10)		
+Δ Family Income	0.05 (0.06)	0.09 (0.08)	0.14** (0.05)	0.12+ (0.06)	-0.17* (0.09)	-0.19+ (0.10)	-0.55* (0.27)	0.76** (0.28)	0.03 (0.12)	0.03 (0.16)	0.07 (0.07)	0.10 (0.09)		
-Δ Lost job	-0.18 (0.15)	-0.12 (0.17)	-0.03 (0.09)	-0.02 (0.07)	-0.12 (0.08)	-0.20* (0.09)	-0.19 (0.23)	-0.23 (0.22)	-0.37** (0.13)	-0.43* (0.18)	-0.13+ (0.07)	-0.07 (0.10)		
+Δ Got job	0.32+ (0.18)	0.19 (0.21)	-0.05 (0.05)	-0.02 (0.07)	-0.12 (0.08)	-0.19* (0.09)	-0.55* (0.27)	-0.23 (0.22)	-0.37** (0.13)	-0.43* (0.18)	-0.13+ (0.07)	-0.07 (0.10)		
-Δ Finances														
+Δ Finances														
-Δ Find Job														
+Δ Find Job														
-Δ Job Security														
+Δ Job Security														
-Δ Children's Future														
+Δ Children's Future														
-Δ Outsource Risk														
+Δ Outsource Risk														
<i>Community Variables</i>														
-Δ Friends Laid Off	-0.04 (0.06)	-0.09 (0.07)	0.08 (0.06)	0.03 (0.07)	-0.04 (0.09)	-0.11 (0.10)	-0.08 (0.20)	-0.05 (0.20)	-0.11 (0.14)	0.09 (0.17)	0.03 (0.07)	0.01 (0.10)	-0.02 (0.12)	-0.02 (0.13)
+Δ Friends Laid Off	0.00 (0.06)	-0.11 (0.07)	-0.03 (0.06)	-0.03 (0.07)	0.16* (0.08)	0.02 (0.10)	-0.01 (0.32)	-0.09 (0.33)	-0.09 (0.13)	0.03 (0.18)	-0.01 (0.06)	-0.07 (0.09)	0.15+ (0.08)	0.03 (0.11)
<i>Country Variables</i>														
-Δ Satisfaction with Economy	0.11+ (0.06)	0.11 (0.08)	0.12* (0.06)	0.10 (0.07)	0.04 (0.10)	-0.06 (0.11)	0.18 (0.21)	0.23 (0.22)	0.19 (0.14)	0.13 (0.20)	0.03 (0.12)	0.14 (0.19)	-0.00 (0.09)	0.09 (0.13)
+Δ Satisfaction with Economy	0.06 (0.06)	0.12 (0.07)	0.11+ (0.06)	0.10 (0.08)	0.15+ (0.08)	0.06 (0.10)	-0.00 (0.27)	-0.10 (0.27)	0.11 (0.13)	-0.03 (0.16)	0.12+ (0.07)	0.19* (0.09)	0.08 (0.09)	0.18 (0.13)
<i>Individual Survey Controls</i>														
College Educated	0.05 (0.05)	0.10+ (0.06)	0.10* (0.05)	0.17** (0.06)	0.10 (0.08)	0.26** (0.09)	0.28 (0.19)	0.27 (0.20)	-0.07 (0.14)	-0.09 (0.20)	0.15** (0.06)	0.25** (0.08)	0.11 (0.10)	0.06 (0.13)
<i>State / Country Controls</i>														
2009	-0.89*** (0.10)			0.05 (0.10)		0.23 (0.15)								
2010		0.88*** (0.10)	0.68*** (0.10)	0.72*** (0.09)	0.61*** (0.15)	0.81*** (0.11)								
2011		-0.83*** (0.07)	-0.04 (0.09)	-0.02 (0.09)	-0.18 (0.14)	-0.18 (0.14)			0.22* (0.10)					
2012		-0.81*** (0.07)	-0.09 (0.09)	-0.00 (0.09)	-0.02 (0.14)	-0.02 (0.14)								
Cut Point 1		-1.84*** (0.15)	-0.98*** (0.13)	-0.89*** (0.13)	-1.37*** (0.19)	-1.28*** (0.23)	-0.61 (0.48)	-0.53 (0.47)	-1.00** (0.37)	-1.43** (0.49)	-0.99*** (0.15)	-0.85*** (0.19)	-1.05*** (0.20)	-1.25*** (0.27)
Cut Point 2		0.18 (0.12)	0.98*** (0.13)	1.20*** (0.15)	0.95*** (0.19)	0.99*** (0.22)	1.47** (0.50)	1.59*** (0.48)	1.13** (0.37)	0.77 (0.48)	1.17*** (0.15)	1.31*** (0.19)	1.03*** (0.20)	0.84** (0.27)
Observations	3104	2075	3025	2012	1631	1106	177	175	613	354	2342	1307	1391	795
Additional Controls	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes

Standard errors in parentheses. Additional controls include Δ foreign born, Δ total spending and Δ fiscal exposure. Included but not shown: women, age, non-white/ non-Hispanic, Hispanic, Independent and Republican. + $p < 0.10$, * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$