

Figure 1: Research Questions and Hypotheses-Factors Impacting Long-Term Assimilation

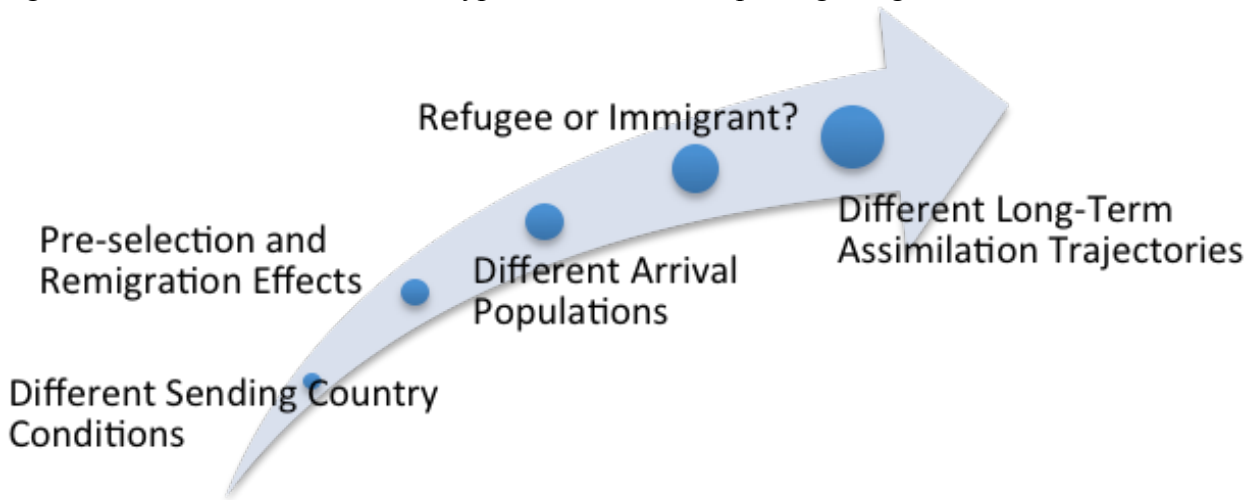


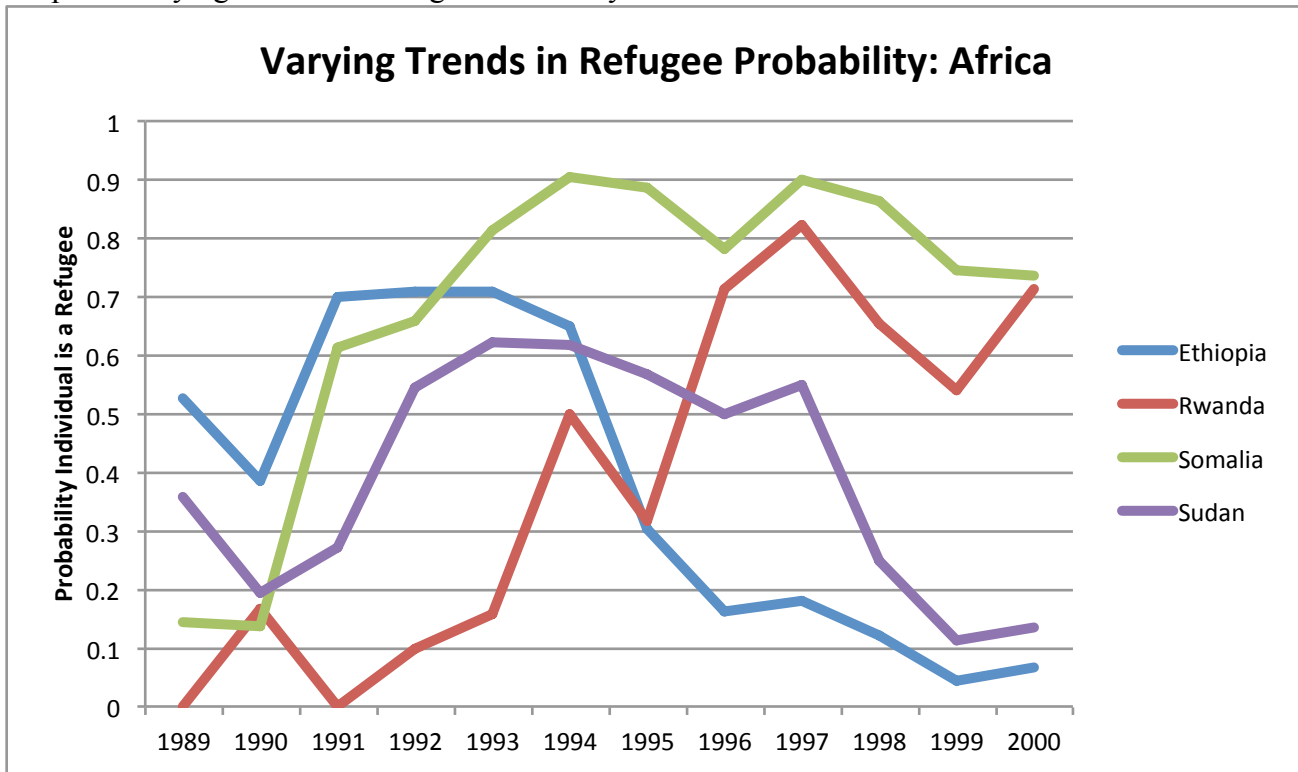
Table 1: Sample Sizes of Refugee and Immigrant Fixed Cohort Year of Immigration 1989-2000*

Country	ACS: 1989-1994 (% of total)	DHS: 1989-1994 (% of total)	ACS: 1995-2000 (% of total)	DHS: 1995-2000 (% of total)
Mexico	30.27%	34.78%	32.38%	18.61%
Vietnam	5.84%	4.49%	2.35%	4.08%
Philippines	5.70%	5.08%	3.95%	5.76%
China	4.74%	3.58%	4.83%	5.08%
India	3.96%	3.06%	6.05%	4.94%
El Salvador	2.99%	3.59%	2.57%	2.17%
Dominican Republic	2.48%	3.49%	1.48%	3.51%
Korea	2.39%	2.05%	2.29%	1.99%
USSR/Russia	2.29%	1.58%	1.86%	2.00%
Guatemala	1.93%	1.49%	1.64%	2.32%
Ukraine	1.80%	0.75%	1.48%	1.91%
Canada	1.78%	1.27%	2.22%	1.65%
Poland	1.76%	1.91%	1.10%	1.51%
Jamaica	1.74%	1.74%	1.35%	2.16%
Cuba	1.51%	1.00%	2.14%	2.84%
Haiti	1.38%	1.62%	1.28%	2.18%
Colombia	1.34%	1.34%	2.07%	1.62%

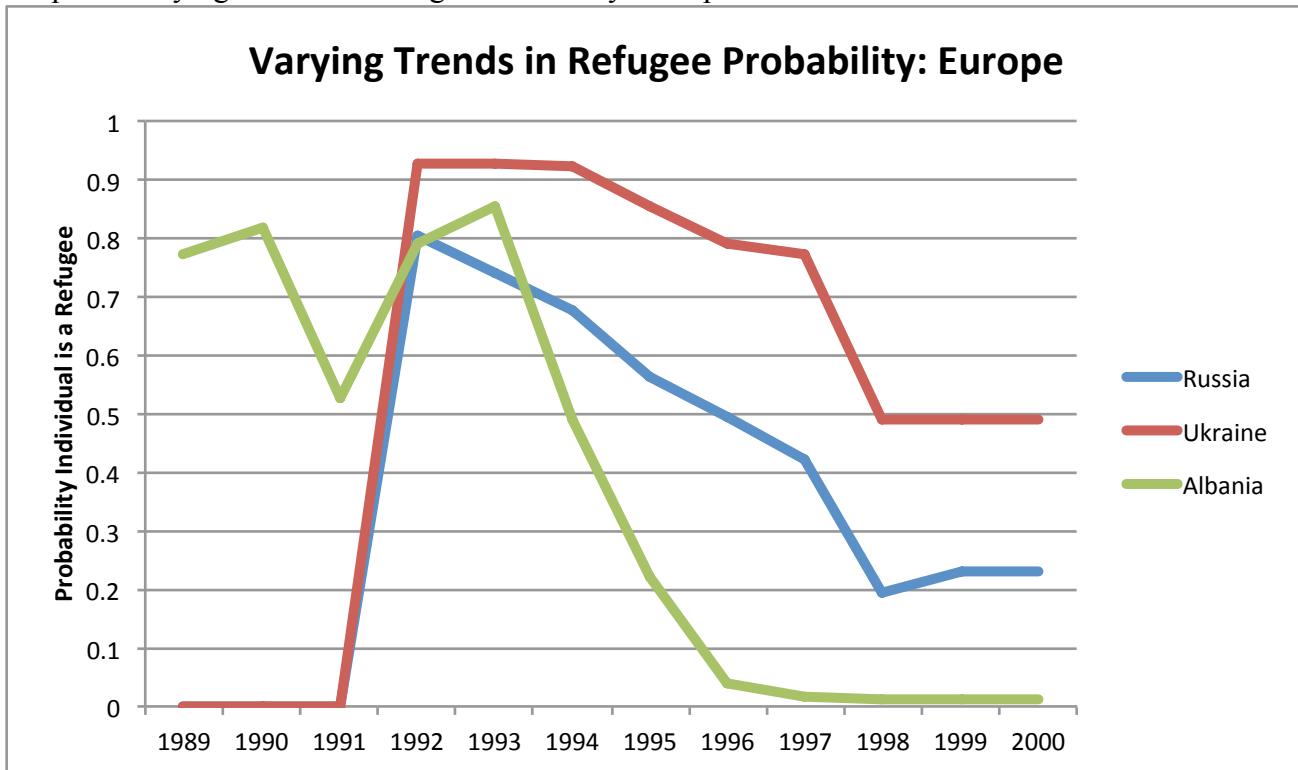
*Sample selection of all foreign-born individuals, regardless of age, for arrival years 1989-2000.

Sources: Department of Homeland Security, Integrated Public Use Microdata Series (IPUMS-USA).

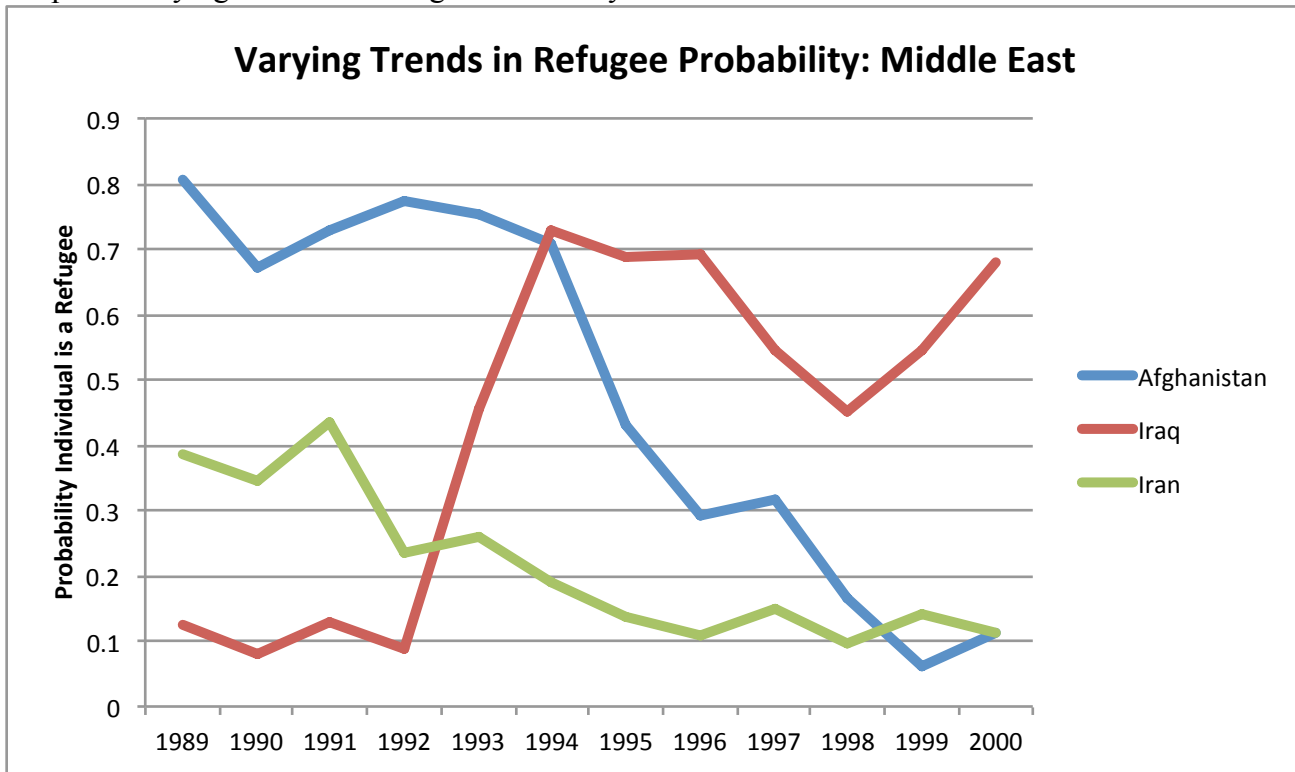
Graph 1: Varying Trends in Refugee Probability: Africa



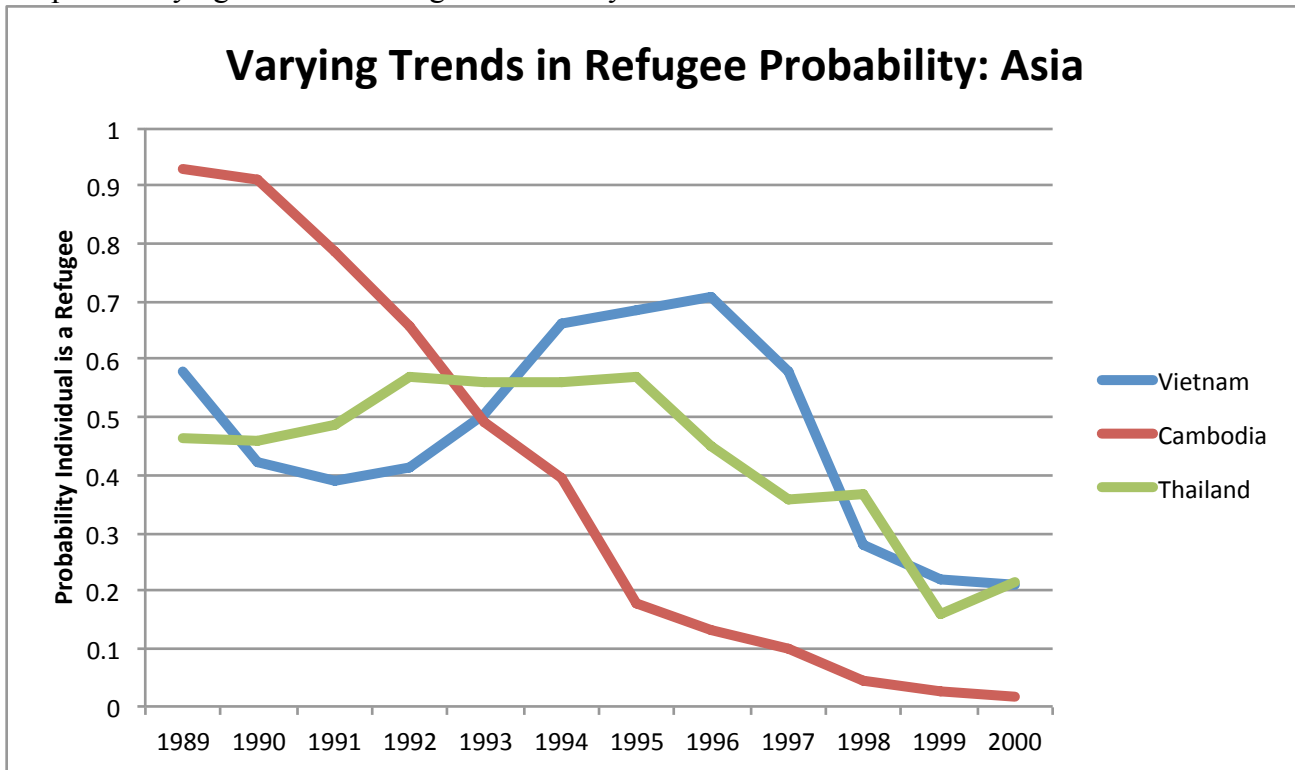
Graph 2: Varying Trends in Refugee Probability: Europe



Graph 3: Varying Trends in Refugee Probability: Middle East



Graph 4: Varying Trends in Refugee Probability: Asia



Graph 5: Varying Trends in Refugee Probability: Latin America

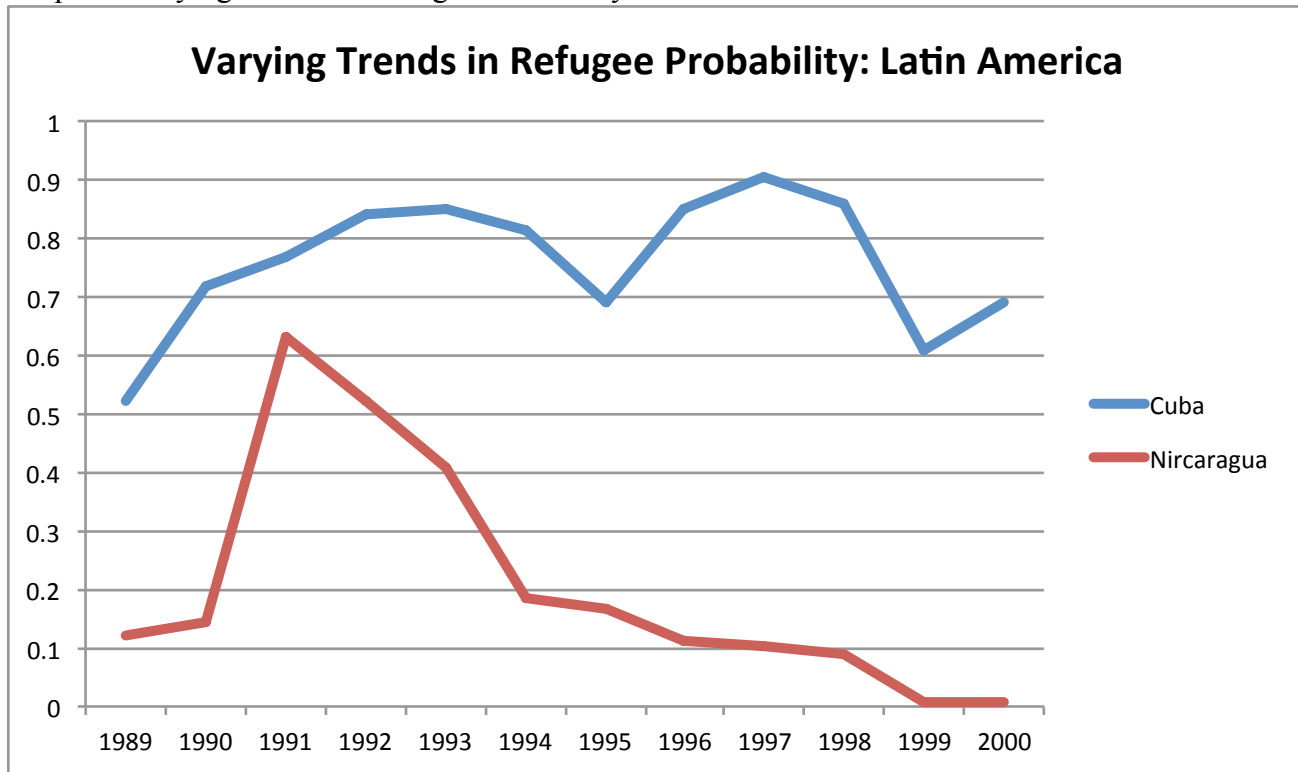


Table 2: Sending Country Conditions Based On Refugee Probability of Country-Years

	Political Violence*	Average Education**	GDP Per Capita	Unemployment Rate	Observations***
R≤0.33	0.78	6.56	\$6,836.20	8.88	1733
0.33<R≤.66	1.3	5.94	\$1,297.72	10.36	132
R>0.66	1.55	6.55	\$560.13	9.73	99

*Represents the mean number of episodes of political violence.

**Refers to the mean number of years of education of sending country population.

***Represents individual country years. This number is not representative of all country years analyzed in the later analysis because of missing data.

Sources: Integrated Network for Societal Conflict Research (INSCR), International Monetary Fund, Barro-Lee Educational Attainment Data Set.

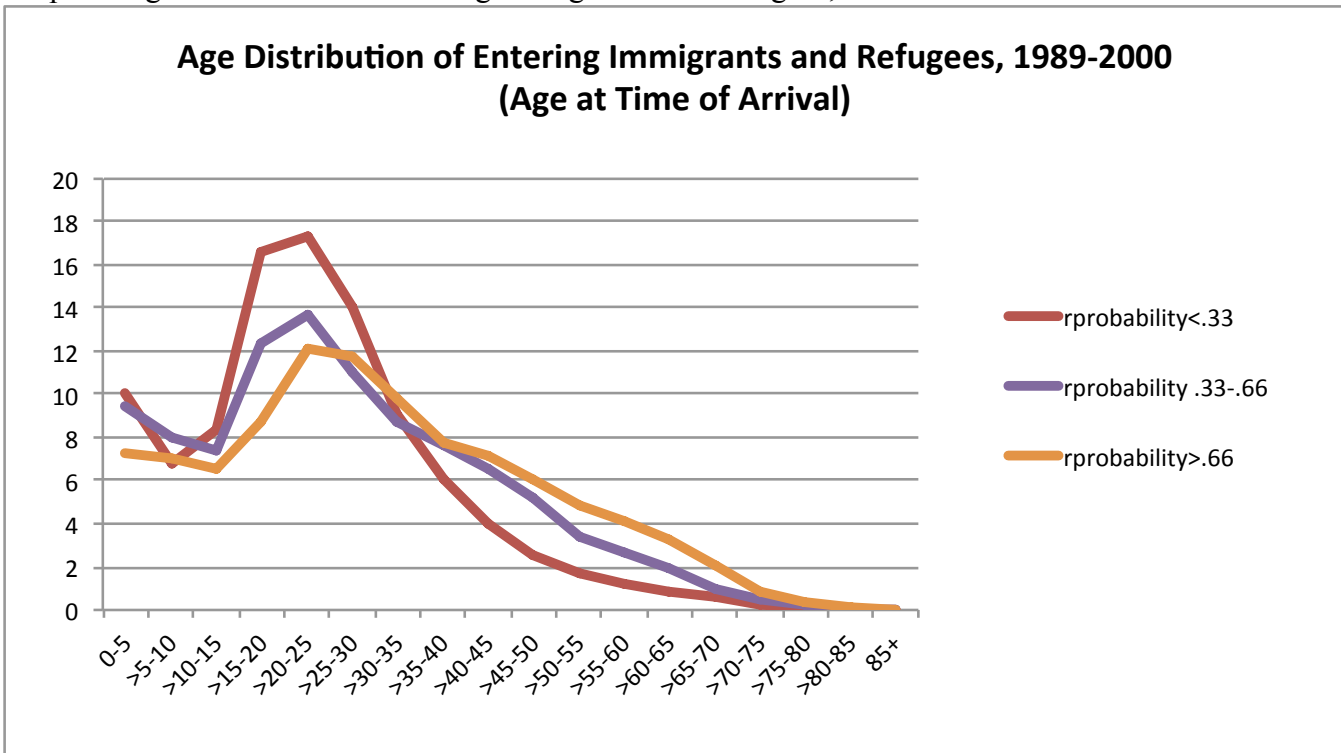
Table 3: Characteristics of Foreign-Arrivals for the Year of Immigration 1989-2000*

	Year of Arrival: 1989-1994			Year of Arrival: 1995-2000		
	R<=0.33	0.33<R<=.66	R>0.66	R<=0.33	0.33<R<=.66	R>0.66
Total Respondents:	281537	20519	11484	326584	7927	11995
Gender:						
Female	52.94	48.83	55.46	54.72	51.51	51.6
Age:	39.81	40.06	40.48	37.86	39.7	40.2
Marital Status:						
Single	15.48	19.92	15.56	17.27	12.07	15.37
Married	73.15	70.57	71.7	73.36	77.24	70.77
Divorced/Widowed	11.37	9.51	12.74	9.37	10.69	13.86
Mean Family Size:	3.89	3.84	3.86	3.64	3.62	3.61
English Skill:						
High	68.8	69.97	68.54	64.55	68.79	59.19
Education:						
No high school diploma	30.32	20.5	18.89	27.94	11.2	13.98
High school diploma	28.79	32.98	34.47	26.64	34.87	41.1
Some college	14.57	19.64	18.62	12.86	18.62	17.57
Bachelor's degree	14.67	18.4	17.59	17.51	19.84	17.05
Post-Bachelor's degree	11.64	8.48	10.43	15.05	15.47	10.3
Citizenship:						
Naturalized	41.77	78.39	68.3	26.22	50.54	54.14

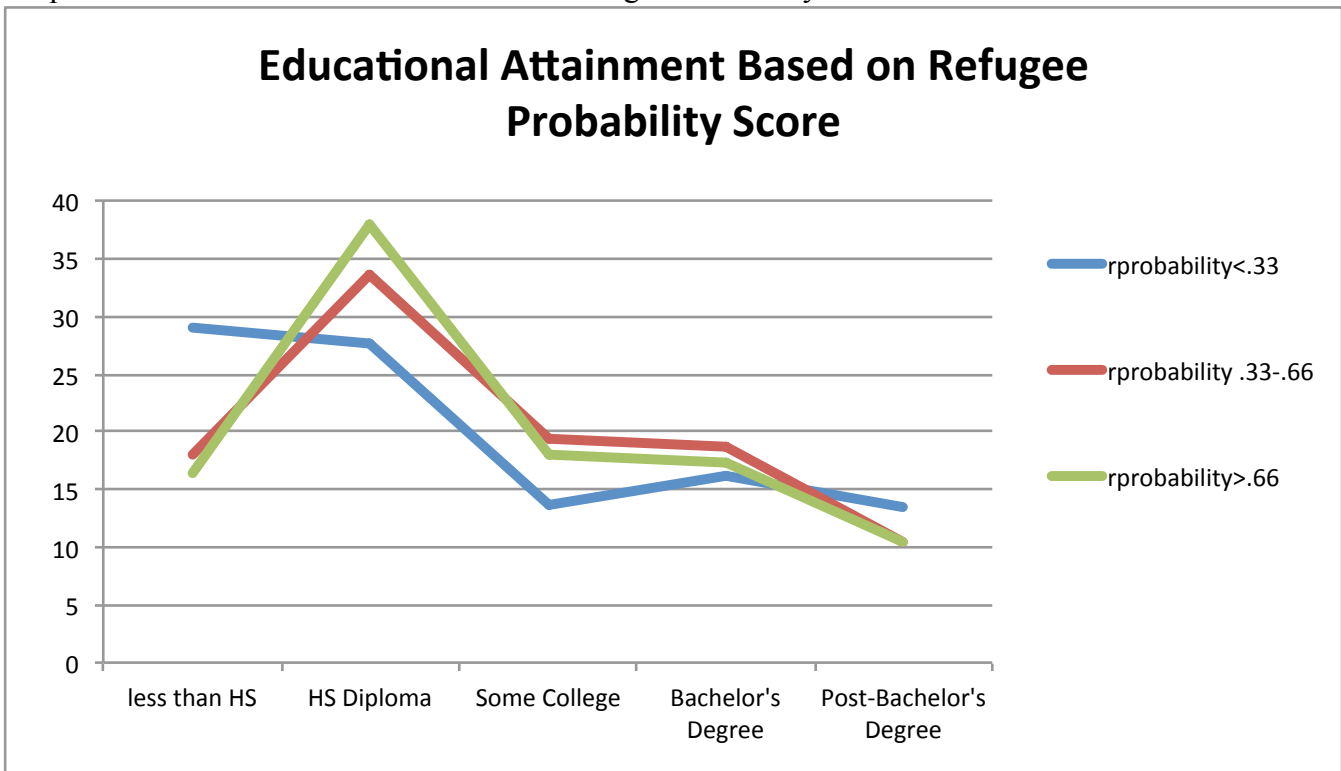
*Sample selection of foreign-born individuals ages 16-45 for 2001 ACS, 17-46 for 2002 ACS, 18-47 for 2003 ACS, 19-48 for 2004 ACS, 20-49 for 2005 ACS, 21-50 for 2006 ACS, 22-51 for 2007 ACS, 23-52 for 2008 ACS, 24-53 for 2009 ACS, 25-54 for 2010 ACS, 26-55 for 2011 ACS, 27-56 for 2012 ACS, and 28-57 for 2013 ACS

Sources: Integrated Public Use Microdata Series (IPUMS-USA), 2001-2013.

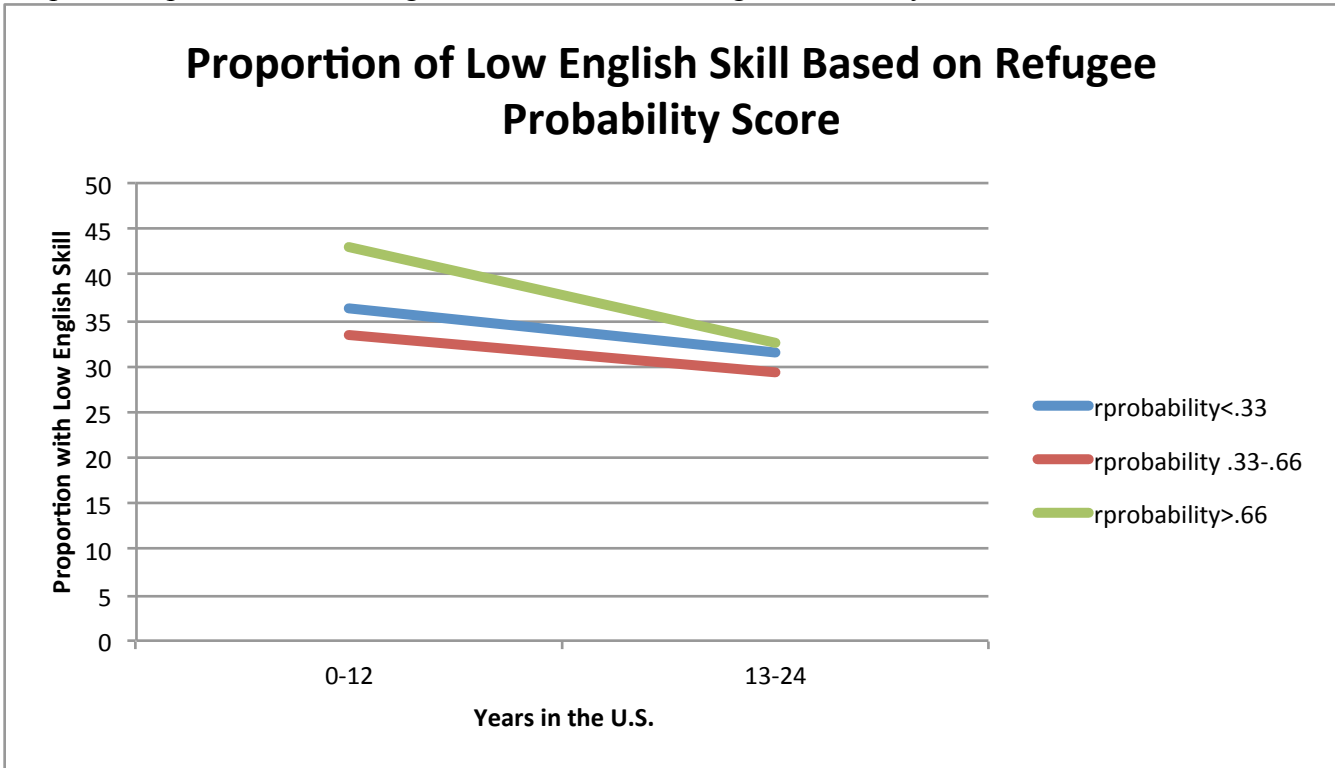
Graph 6: Age Distribution of Entering Immigrants and Refugees, 1989-2000



Graph 7: Educational Attainment Based on Refugee Probability Score



Graph 8: Proportion of Low English Skill Based on Refugee Probability Score



Graph 9: Citizenship Status Based on Refugee Probability Score

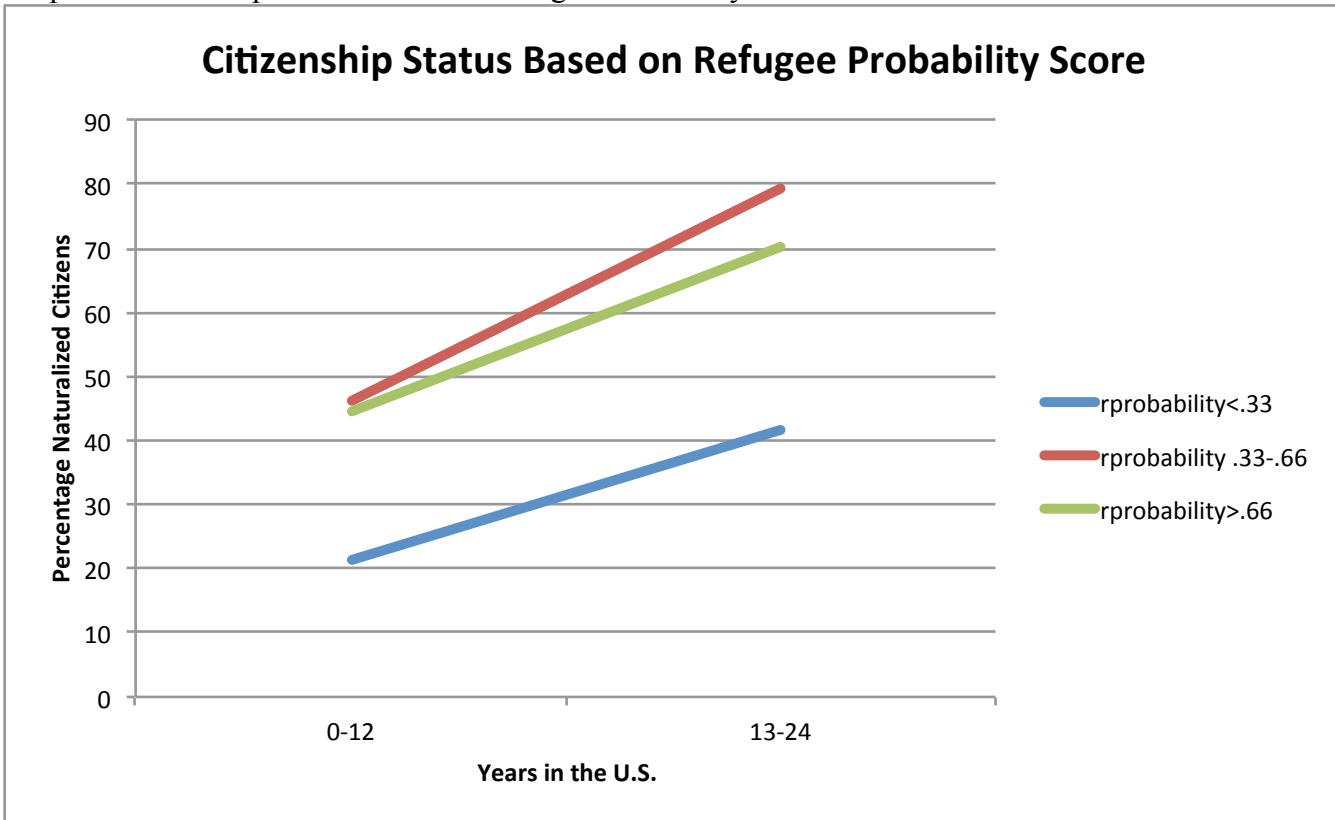


Table 4: Data and Summary Statistics: Means of Log Annual Earnings and Occupational Prestige Scores

Refugee Probability Groups	Observations		Log Annual Earnings		Occupational Prestige	
	1989-1994	1995-2000	1989-1994	1995-2000	1989-1994	1995-2000
Male Sample						
r=0	132498	158,353	8.966	8.997	39.787	40.941
r=1	9291	3531	8.622	8.811	41.21	40.359
r=2	5876	5806	8.422	8.453	39.436	38.712
Change for r=0				-0.031		-1.154
Change for r=1				-0.189		0.851
Change for r=2				-0.031		0.724
Female Sample						
r=0	149039	168231	6.412	5.974	32.159	30.951
r=1	11228	4396	7.291	6.805	36.737	35.308
r=2	5608	6189	7.024	6.946	36.209	35.072
Change for r=0				0.438		1.208
Change for r=1				0.486		1.429
Change for r=2				0.078		1.137

Notes: Given the positive correlation between years in the U.S. and labor market, I expect that the group that arrived earlier will have higher earnings and prestige scores because of having had more time to transition to working in the U.S. For this reason, the reported differences are the values for the time period 1995-2000 subtracted from those of the time period 1989-2004. A positive change value indicates the population increased wages or occupational prestige over the two time periods whereas a negative value indicates the population decreased wages or prestige over the two time periods.

Sources: Integrated Public Use Microdata Series (IPUMS-USA), 2001-2013.

Table 5: Log Annual Earnings Regression Results for Males and Females

	Model 1				Model 2			
	Males		Females		Males		Females	
	b	SE	b	SE	b	SE	b	SE
Refugee Probability								
(R0 Indicator: R<=.33)					-	-	-	-
R1 Indicator: 0.33<R<=.66					-0.1146	*** (0.0437)	1.1021	*** (0.0698)
R2 Indicator: R>0.66					-0.1345	* (0.0727)	1.4255	*** (0.1183)
Rprobability*YRS in U.S.					-0.0141	*** (0.0024)	-0.0256	*** (0.0040)
Years in the U.S.	0.0022	* (0.0012)	0.0711	*** (0.0020)	0.0053	*** (0.0013)	0.0691	*** (0.0020)
Age	-0.0014	** (0.0007)	0.0360	*** (0.0011)	-0.0005	(0.0007)	0.0350	*** (0.0011)
High English Skill	0.3214	*** (0.0110)	1.2061	*** (0.0179)	0.3116	*** (0.0110)	1.2199	*** (0.0178)
Sending Country Education	0.0131	*** (0.0024)	-0.0231	*** (0.0040)	0.0142	*** (0.0024)	-0.0203	*** (0.0040)
Education Level Indicator								
(Less than High School)	-	-	-	-	-	-	-	-
High School	0.1979	*** (0.0121)	0.7037	*** (0.0200)	0.2243	*** (0.0121)	0.6646	*** (0.0201)
Some College	0.3546	*** (0.0157)	1.2994	*** (0.0249)	0.3865	*** (0.0157)	1.2567	*** (0.0249)
Bachelor's Degree	0.9775	*** (0.0155)	1.7730	*** (0.0246)	1.0030	*** (0.0155)	1.7401	*** (0.0246)
Post Bachelor's Degree	1.5896	*** (0.0157)	2.6788	*** (0.0279)	1.5999	*** (0.0157)	2.6542	*** (0.0279)
ACS Year of Survey Indicator								
(i2013)	-	-	-	-	-	-	-	-
i2001	0.1157	*** (0.0338)	0.4381	*** (0.0537)	0.1385	*** (0.0338)	0.3733	*** (0.0537)
i2002	0.1817	*** (0.0339)	0.4656	*** (0.0539)	0.2048	*** (0.0339)	0.4032	*** (0.0540)
i2003	0.2165	*** (0.0314)	0.5293	*** (0.0495)	0.2375	*** (0.0315)	0.4714	*** (0.0496)
i2004	0.2750	*** (0.0309)	0.3922	*** (0.0491)	0.2937	*** (0.0309)	0.3449	*** (0.0491)
i2005	0.3206	*** (0.0224)	0.4728	*** (0.0358)	0.3355	*** (0.0224)	0.4291	*** (0.0358)
i2006	0.3141	*** (0.0214)	0.5238	*** (0.0344)	0.3256	*** (0.0214)	0.4891	*** (0.0344)
i2007	0.3299	*** (0.0208)	0.5142	*** (0.0335)	0.3397	*** (0.0208)	0.4854	*** (0.0335)
i2008	0.3740	*** (0.0204)	0.5562	*** (0.0327)	0.3836	*** (0.0204)	0.5286	*** (0.0327)
i2009	0.2201	*** (0.0198)	0.4465	*** (0.0317)	0.2278	*** (0.0198)	0.4261	*** (0.0316)
i2010	0.0061	(0.0192)	0.2307	*** (0.0309)	0.0135	(0.0192)	0.2133	*** (0.0309)
i2011	-0.1246	*** (0.0191)	0.1202	*** (0.0307)	-0.1202	*** (0.0191)	0.1097	*** (0.0307)
i2012	-0.0291	(0.0189)	0.0393	(0.0303)	-0.0271	(0.0189)	0.0344	(0.0303)
Constant	8.0346	*** (0.0385)	1.8874	*** (0.0621)	7.9659	*** (0.0385)	1.9214	*** (0.0621)
Adjusted R^2	0.0665		0.0929		0.686		0.949	
Samples Size	315,355		344,691		315,355		344,691	

Note: Omitted categories are indicated in parentheses

*p < .10, **p < .05, ***p < .01

Model 1: $\ln(y)_{it} = \alpha_0 + \phi_0 \text{control} + \beta_1 \text{yearsusa}$

Model 2: $\ln(y)_{it} = \alpha_0 + \phi_0 \text{control} + \beta_1 \text{yearsusa} + \beta_2 \text{rprobability} + \beta_3 \text{rprobability} * \text{yearsusa}$

Sources: Department of Homeland Security, Integrated Public Use Microdata Series (IPUMS-USA).

Table 6: Occupational Prestige Regression Results for Males and Females

	Model 1				Model 2			
	Males		Females		Males		Females	
	b	SE	b	SE	b	SE	b	SE
Refugee Probability								
(R0 Indicator: R<=.33)					-	-	-	-
R1 Indicator: 0.33<R<=.66					-0.4427	*(0.2293)	4.2612	*** (0.3132)
R2 Indicator: R>0.66					-2.5529	*** (0.3820)	4.6479	*** (0.5313)
Rprobability*YRS in U.S.					0.0619	*** (0.0128)	-0.0357	** (0.0179)
Years in the U.S.	0.0225	*** (0.0065)	0.3511	*** (0.0089)	0.0153	** (0.0066)	0.3327	*** (0.0091)
Age	-0.0363	*** (0.0036)	0.0173	*** (0.0049)	-0.0353	*** (0.0036)	0.0123	** (0.0049)
High English Skill	3.6060	*** (0.0579)	8.0216	*** (0.0802)	3.5946	*** (0.0580)	8.0861	*** (0.0802)
Sending Country Education	0.2122	*** (0.0127)	0.1169	*** (0.0178)	0.2273	*** (0.0128)	0.1385	*** (0.0179)
Education Level Indicator								
(Less than High School)	-	-	-	-	-	-	-	-
High School	1.6596	*** (0.0634)	4.3112	*** (0.0901)	1.6749	*** (0.0636)	4.1141	*** (0.0901)
Some College	6.1160	*** (0.0825)	11.5300	*** (0.1118)	6.1180	*** (0.0827)	11.3094	*** (0.1118)
Bachelor's Degree	16.5276	*** (0.0812)	18.5713	*** (0.1105)	16.5255	*** (0.0813)	18.3987	*** (0.1105)
Post Bachelor's Degree	27.3081	*** (0.0826)	29.5196	*** (0.1253)	27.3083	*** (0.0826)	29.3929	*** (0.1252)
ACS Year of Survey Indicator								
(i2013)	-	-	-	-	-	-	-	-
i2001	0.5357	*** (0.1772)	2.2437	*** (0.2413)	0.5459	*** (0.1775)	1.9504	*** (0.2413)
i2002	0.7167	*** (0.1777)	2.5926	*** (0.2423)	0.7286	*** (0.1780)	2.3075	*** (0.2423)
i2003	0.6162	*** (0.1650)	2.7659	*** (0.2226)	0.6246	*** (0.1652)	2.5039	*** (0.2226)
i2004	0.6503	*** (0.1619)	2.1511	*** (0.2204)	0.6575	*** (0.1621)	1.9341	*** (0.2203)
i2005	0.8431	*** (0.1176)	2.2979	*** (0.1608)	0.8454	*** (0.1178)	2.1007	*** (0.1608)
i2006	0.6344	*** (0.1124)	1.9405	*** (0.1548)	0.6394	*** (0.1125)	1.7848	*** (0.1547)
i2007	0.6735	*** (0.1092)	1.9203	*** (0.1504)	0.6771	*** (0.1092)	1.7920	*** (0.1503)
i2008	0.7555	*** (0.1071)	2.0553	*** (0.1468)	0.7574	*** (0.1072)	1.9302	*** (0.1467)
i2009	0.5102	*** (0.1040)	1.6189	*** (0.1422)	0.5106	*** (0.1041)	1.5268	*** (0.1421)
i2010	0.3421	*** (0.1009)	1.2567	*** (0.1390)	0.3430	*** (0.1009)	1.1772	*** (0.1388)
i2011	-0.3142	*** (0.1003)	0.7110	*** (0.1379)	-0.3123	*** (0.1003)	0.6658	*** (0.1378)
i2012	-0.1425	(0.0992)	0.0173	(0.1361)	-0.1436	(0.0992)	-0.0020	(0.1359)
Constant	29.4795	*** (0.2019)	9.3419	*** (0.2790)	29.4553	*** (0.2023)	9.5601	*** (0.2788)
Adjusted R^2	0.4009		0.2990		0.4011		0.3010	
Samples Size	315,355		344,691		315,355		344,691	

Note: Omitted categories are indicated in parentheses

*p < .10, **p<.05, ***p<.01

Model 1: $Y_{it} = \alpha_0 + \phi_0 \text{control} + \beta_1 \text{yearsusa}$

Model 2: $Y_{it} = \alpha_0 + \phi_0 \text{control} + \beta_1 \text{yearsusa} + \beta_2 \text{rprobability} + \beta_3 \text{rprobability} * \text{yearsusa}$

Sources: Department of Homeland Security, Integrated Public Use Microdata Series (IPUMS-USA).

Table 7: Characteristics for Foreign Arrivals Under the Age of 6, Year of Immigration 1989-2000

	Year of Arrival: 1989-1994			Year of Arrival: 1995-2000		
	R<=0.33	0.33<R<=.66	R>0.66	R<=0.33	0.33<R<=.66	R>0.66
Total Respondents:	44237	3378	1710	55044	1624	1744
Gender:						
Female	49.08	49.38	46.67	50.94	49.32	47.31
Age at time of survey:	18.71	18.96	18.41	12.44	12.22	14.26
Mean Family Size:	4.27	4.59	4.27	4.67	5.11	4.55
English Skill:						
High	95.64	97.1	96.84	92.3	94.15	96.27
Citizenship:						
Naturalized	43.89	72.2	69.12	32.48	52.28	49.03

*Sample selection of all foreign-born individuals from the ACS 2001-2013 who arrived in the U.S. 1989-2000 under the age of 6 years old.

Sources: Integrated Public Use Microdata Series (IPUMS-USA), 2001-2013.

Table 8: English Skill Regression Results for Individuals Who Arrived in the U.S. age 5 or younger

	Model 1				Model 2			
	Males		Females		Males		Females	
	b	SE	b	SE	b	SE	b	SE
Refugee Probability								
(R0 Indicator: R<=.33)					-	-	-	-
R1 Indicator: 0.33<R<=.66					0.0368	*** (0.0096)	0.0509	*** (0.0091)
R2 Indicator: R>0.66					0.0622	*** (0.0170)	0.0932	*** (0.0161)
Rprobability*YRS in U.S.					-0.0014	** (0.0006)	-0.0031	*** (0.0005)
Years in the U.S.	0.0028	*** (0.0006)	0.0039	*** (0.0006)	0.0030	*** (0.0006)	0.0042	*** (0.0006)
Age	0.0055	*** (0.0006)	0.0063	*** (0.0005)	0.0054	*** (0.0006)	0.0062	*** (0.0005)
Sending Country Education	0.0036	*** (0.0006)	0.0039	*** (0.0005)	0.0034	*** (0.0006)	0.0037	*** (0.0005)
Constant	0.7898	*** (0.0052)	0.7722	*** (0.0047)	0.7885	*** (0.0053)	0.7702	*** (0.0047)
Adjusted R^2	0.0281		0.0500		0.0287		0.0506	
Sample Size	53,896		53,841		53,896		53,841	

Note: Omitted categories are indicated in parentheses

*p < .10, **p<.05, ***p<.01

Model 1: $Y_{it} = \alpha_0 + \phi_0 \text{control} + \beta_1 \text{yearsusa}$

Model 2: $Y_{it} = \alpha_0 + \phi_0 \text{control} + \beta_1 \text{yearsusa} + \beta_2 \text{rprobability} + \beta_3 \text{rprobability} * \text{yearsusa}$

Sources: Department of Homeland Security, Integrated Public Use Microdata Series (IPUMS-USA).

Table 9: Educational Attainment Regression Results for Individuals Who Arrived in the U.S. age 5 or younger

	Model 1				Model 2			
	Males		Females		Males		Females	
	b	SE	b	SE	b	SE	b	SE
Refugee Probability								
(R0 Indicator: R<=.33)					-	-	-	-
R1 Indicator: 0.33<R<=.66					-0.3037	*** (0.0479)	-0.2927	*** (0.0479)
R2 Indicator: R>0.66					-0.9663	*** (0.0845)	-0.9430	*** (0.0848)
Rprobability*YRS in U.S.					0.0401	*** (0.0029)	0.0391	*** (0.0029)
Years in the U.S.	0.0246	*** (0.0030)	0.0272	*** (0.0030)	0.0213	*** (0.0030)	0.0238	*** (0.0030)
Age	0.3801	*** (0.0029)	0.4035	*** (0.0028)	0.3788	*** (0.0029)	0.4024	*** (0.0028)
High English Skill	0.1136	*** (0.0214)	-0.2515	*** (0.0228)	0.1116	*** (0.0214)	-0.2461	*** (0.0228)
Sending Country Education	0.0133	*** (0.0029)	0.0241	*** (0.0029)	0.0162	*** (0.0029)	0.0281	*** (0.0029)
Constant	-2.7032	*** (0.0310)	-2.6988	*** (0.0304)	-2.6755	*** (0.0311)	-2.6864	*** (0.0304)
Adjusted R^2	0.7447		0.7786		0.7462		0.7799	
Sample Size	53,896		53,841		53,896		53,841	

Note: Omitted categories are indicated in parentheses

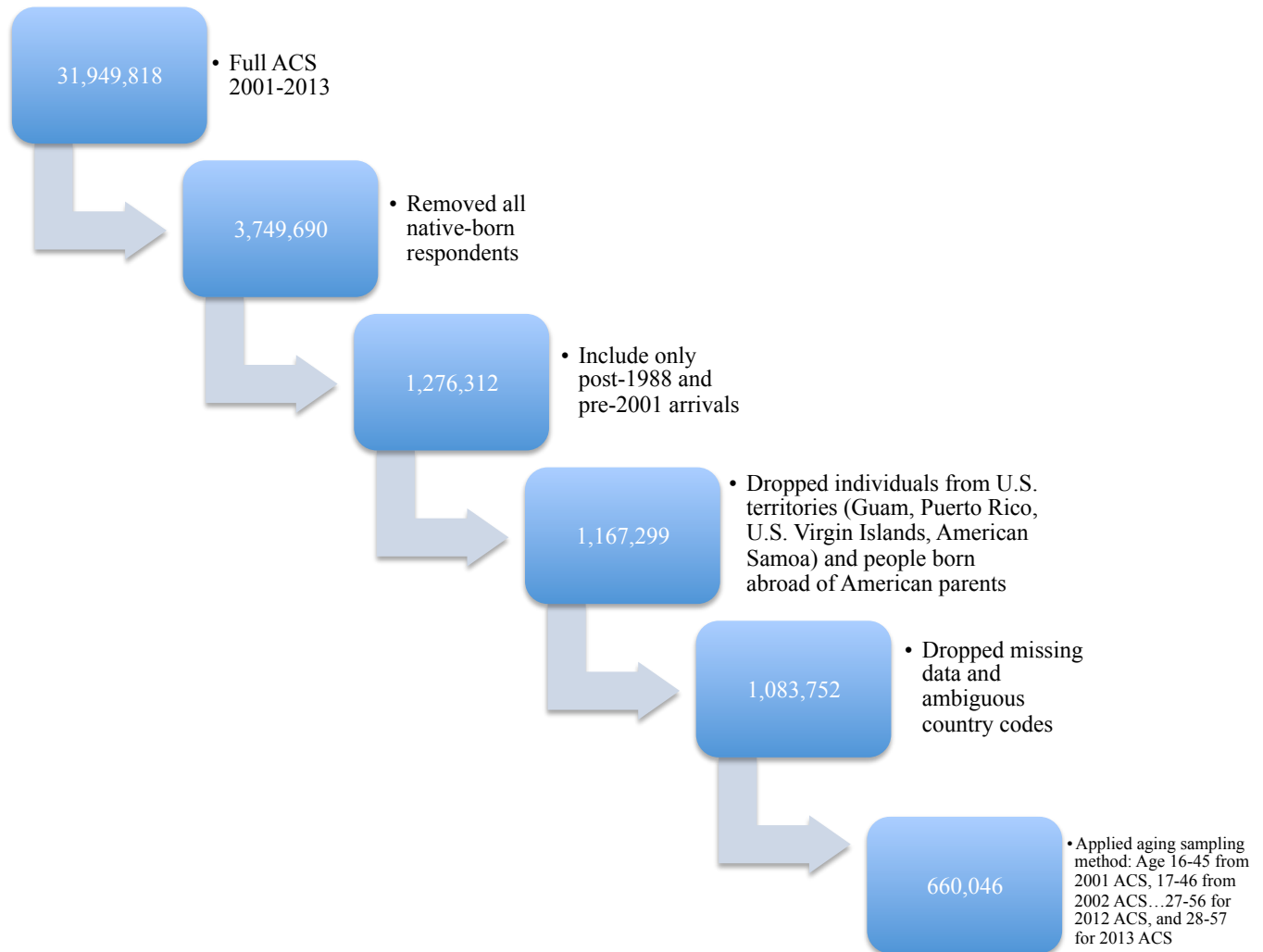
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Model 2: $Y_{it} = \alpha_0 + \phi_0 \text{control} + \beta_1 \text{yearsusa} + \beta_2 \text{rprobability} + \beta_3 \text{rprobability} * \text{yearsusa}$

Sources: Department of Homeland Security, Integrated Public Use Microdata Series (IPUMS-USA).

Appendix A: Process of ACS Sample Sub-setting



Appendix B: Creation of Refugee Probability Score: 1989-2000

Creation of the refugee probability variable for this time period required merging together four different tables from the Department of Homeland Security's Yearbook of Immigration Statistics. To get the full count of refugees for the time period, Table 34 from the 1998 Yearbook and Table 32 from the 2000 Yearbook (Refugee Section: Refugees and Asylees Granted Lawful Permanent Resident Status by Region and Selected Country of Birth) were combined to get the complete refugee count for the 1989-2000 time period. Table 3 from the 1998 and 2000 Yearbooks (Immigration Section: Immigrants Admitted by Region and Country of Birth) were combined to get the total immigrant arrival count for the 1989-2000 time period. These numbers were all cross-referenced with refugee and immigrant arrival numbers for each year specific Yearbook to ensure accurate data was used. This specific immigration count table was used both because it included multiple years and appeared to include refugee arrivals. After this data was compiled, the refugee count was divided by the immigrant count for each specific country-year intersection. This yielded the refugee probability variable: the probability an individual who arrived from a given country from 1989-2000 was a refugee.