Asian American Racial Threat and Support for Racially Discriminatory Policy

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Appendix 1 – Study 1 Sample Demographics

Sample		Northbrook, Illinois Population
Gender	60% female 39% male 1% other	52.2% female 47.8% male
Ethnicity/Race	94% White 0% African American 4% Asian American 1% Latino 0.5% Native American 0.5% Other	86.1% White 0.6 % African American 11.7% Asian 0% Latino 0% Native American 0.1% Other
Age	6% 18-24 7% 25-34 23% 35-50 32% 51-65 32% Over 65	8% 18-24 5.4% 25-34 19.5% 35-50 24.3% 51-65 22.4% Over 65
Income	1% < $30,000 13% $30,000-$69,999 15% $70,000-$99,999 36% $100,000-$200,000 35% Over $200,000	N/A
Education	1% Less than high school 3% High School 11% Some College 32% 4 Year College Degree 53% Advanced Degree	N/A
Party Identification (n = 306)	49% Strong Democrat 7% Weak Democrat 16% Independent leans Democrat 12% Independent 7% Independent leans Republican 4.6% Weak Republican 4.4% Strong Republican	N/A

Appendix 2 – Study 1 Instrument

Which immigrant population do you think has been the fastest growing in the U.S. over the past six years?

Latin American Asian European African Northern American Oceanian Other

Treatment

Interestingly, the correct answer to the prior question is Asian – this was confirmed by a recent U.S. census report. That report also projects that Asian immigrants will be the largest immigrant population in 2040.

Do feel cold or warm toward the following groups? Use a scale of 0 to 100 where 0 is very cold, 50 is neutral, and 100 is very warm. You can use any number between 0 to 100.

Blacks:_____ Whites:_____ Latinos:_____ Asians:_____ Immigrants:_____

[Cultural threat]To what extent do you agree with the following statement, "I fear that in 40 years' time, it won't be clear what it means to be American"?

1	2	3	4	5	6	7
Definitely DISagree			*Not Sure*			*Definitely Agree*

[Economic threat] To what extent do you agree with the following statement, "Immigration is likely to have a negative financial impact on many Americans"?

1	2	3	4	5	6	7
Definitely DISagree			*Not Sure*			*Definitely Agree*

[Political threat]To what extent do you agree with the following statement, "Immigration is likely to have a negative impact on my political party"?

1	2	3	4	5	6	7
Definitely DISagree			*Not Sure*			*Definitely Agree*

You may have heard of ongoing lawsuits against some elite colleges (e.g., Harvard, Yale). The suits claim that the schools discriminate against Asian Americans by holding them to higher standards. From what you know, do you think some elite schools have discriminated against Asian Americans?

1	2	3	4	5	6	7
Definitely NOT Discriminated			*Not Sure*			*Definitely Discriminated*

Should colleges be allowed to put a limit on the number of Asian Americans accepted?

1	2	3	4	5	6	7

Definitely do NOT allow limits	*Not Sure*	*Definitely Allow Limits*

Appendix 2.1 – Study 1, Regression Tables, Power Analysis, Balance Test

Table 2.1 -- H1

	Dependent variable:		
	econthreat	polthreat	cultthreat
	(1)	(2)	(3)
Treatment	0.078**	-0.035	-0.054
	(0.031)	(0.032)	(0.043)
POLLSTER	0.019	-0.002	0.019
	(0.013)	(0.014)	(0.019)
district	-0.033	0.012	0.094
	(0.042)	(0.043)	(0.058)
pid	0.060***	0.083***	0.028**
	(0.009)	(0.009)	(0.013)
gender	-0.001	-0.012	-0.056
	(0.033)	(0.033)	(0.045)
age	0.006	0.007	0.052**
	(0.016)	(0.016)	(0.022)
income	0.006	0.025	-0.068***
	(0.018)	(0.018)	(0.025)
owneduc	0.007	-0.053**	-0.032
	(0.023)	(0.024)	(0.033)
Constant	0.233	0.047	-0.456

	(0.426)	(0.433)	(0.593)
Observations	214	211	212
R2	0.214	0.316	0.135
Adjusted R2	0.183	0.289	0.101
Residual Std. Error	0.225 (df = 205)	0.226 (df = 202)	0.310 (df = 203)
F Statistic	6.975*** (df = 8; 205)	11.651*** (df = 8; 202)	3.963*** (df = 8; 203)
Note:			*p<0.1; **p<0.05; ***p<0.01

Table 2.2 -- H2

	Dependent variable:	
	AsianAmtherm	Immigranttherm
	(1)	(2)
Treatment	-0.087***	-0.094***
	(0.030)	(0.032)
district	0.009	0.0004
	(0.040)	(0.043)
POLLSTER	0.006	-0.004
	(0.013)	(0.014)
pid	-0.032***	-0.028***
	(0.009)	(0.010)
gender	0.034	0.030
	(0.032)	(0.034)

age	-0.048***	-0.053***
	(0.016)	(0.017)
income	-0.007	-0.012
	(0.018)	(0.019)
owneduc	0.018	0.031
	(0.024)	(0.025)
Constant	0.943**	1.011**
	(0.410)	(0.437)
Observations	194	193
R2	0.162	0.149
Adjusted R2	0.125	0.112
Residual Std. Error	0.207 (df = 185)	0.220 (df = 184)
F Statistic	4.458*** (df = 8; 185)	4.023*** (df = 8; 184)
Note:		*p<0.1; **p<0.05; ***p<0.01

Table 2.3 -- H3-4

	Dependent variable:	
	aadiscrim	aalimit
	(1)	(2)
Treatment	-0.065**	0.083**
	(0.032)	(0.036)

district	0.142***	-0.159***
	(0.043)	(0.049)
POLLSTER	0.002	0.027*
	(0.014)	(0.015)
pid	-0.002	0.020*
	(0.010)	(0.011)
gender	-0.031	0.004
	(0.034)	(0.038)
age	0.017	-0.004
	(0.016)	(0.018)
income	-0.010	0.016
	(0.018)	(0.020)
owneduc	-0.026	-0.003
	(0.024)	(0.027)
Constant	-0.753*	1.675***
	(0.439)	(0.493)
Observations	211	212
R2	0.077	0.102
Adjusted R2	0.040	0.066
Residual Std. Error	0.230 (df = 202)	0.258 (df = 203)
F Statistic	2.101** (df = 8; 202)	2.874*** (df = 8; 203)
Note:		*p<0.1; **p<0.05; ***p<0.01

Table 2.4

Summary of Balance for All Data:

	Means Treated	Means Control	Std. Mean Diff.	Var. Ratio	eCDF Mean	eCDF Max
distance	0.5542	0.3982	0.8458	1.0886	0.2409	0.4123
POLLSTER	1.0746	0.8133	0.2159	1.8243	0.0600	0.1471
district	9.8507	9.7733	0.2156	0.7256	0.0387	0.0774
pid	2.2687	2.4467	-0.1063	0.9555	0.0337	0.0786
gender	0.5970	0.6800	-0.1692	.	0.0830	0.0830
age	3.6716	3.9600	-0.2639	1.2823	0.0577	0.1097
income	4.0597	4.1067	-0.0520	0.8021	0.0358	0.0951
owneduc	4.4478	4.5200	-0.1061	0.9333	0.0344	0.0878
cultthreat	0.2786	0.2911	-0.0369	1.0539	0.0206	0.0482
polthreat	0.2114	0.2067	0.0189	0.9872	0.0266	0.0603
econthreat	0.2463	0.1200	0.4457	3.0067	0.1082	0.2014

Power Analysis, Ability to detect moderate effect

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Two-sample t test power calculation


              n = 99.08032
              d = 0.4
      sig.level = 0.05
          power = 0.8
    alternative = two.sided


NOTE: n is number in *each* group
```

Appendix 3 – Study 1 Issue Salience

According to Google searches nationally (Figure 1) and within the state of Illinois (Figure 2), the issue was at its most salient around the same point the experiment was fielded—the y-axis represents popularity based upon the number of Google searches.[1] Similarly, "Asian lawsuit" and "Harvard university Asian lawsuit" all spike in popularity within the same week. Given these results, interest in this case spiked at the exact same time this study was fielded. As such, it is safe to say the salience of the issue, among the general public and within the state of Illinois was at its height when this study was conducted.

Figure 1

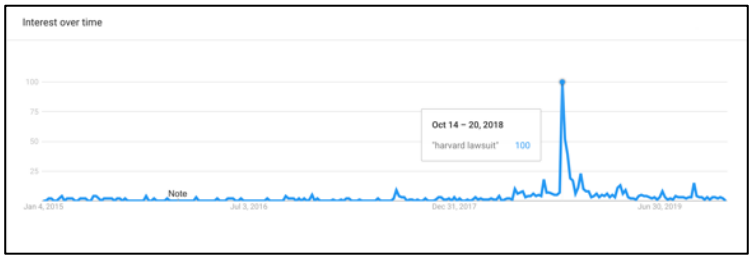
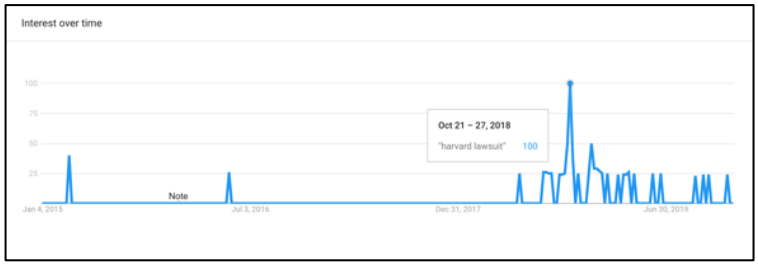
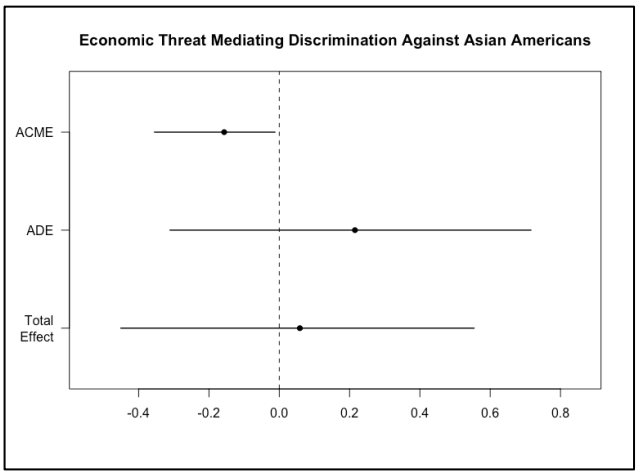


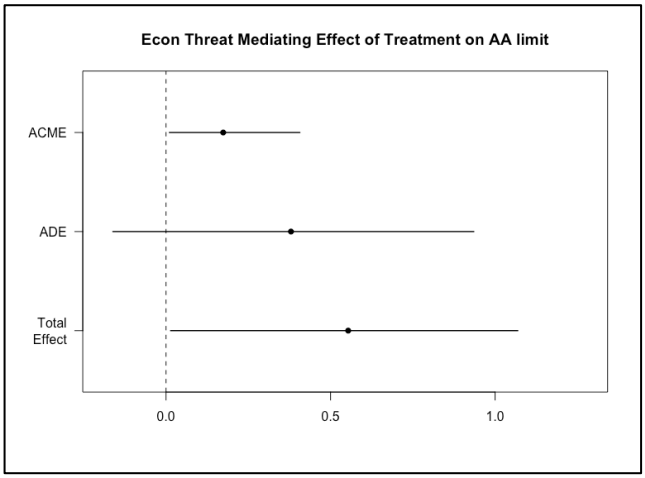
Figure 2



[1] Google searches are a more helpful measure of both salience of an issue and interest in it than the frequency of it in media (Epstein and Segal 2000) because these searches identify information-seeking behavior. These data provide insight into how often the public searches information, rather than how often they are provided with the information (which is what frequency in media demonstrates).

Appendix 4 – Study 1 Mediation Analyses





Appendix 5 – Study 2 Instrument

Which immigrant population do you think has been the fastest growing in the U.S. over the past six years?

Latin American Asian European African Northern American Oceanian Other

Treatment

Interestingly, the correct answer to the prior question is Asian – this was confirmed by a recent U.S. census report. That report also projects that Asian immigrants will be the largest immigrant population in 2040.

To what extent do you believe that each of the following groups is culturally threatening to Americans like yourself? With 0 being not threatening at all and 100 being very threatening

Blacks:____ Whites:____ Latinos:____ Asians:____ Immigrants:____

To what extent do you believe that each of the following groups is economically threatening to Americans like yourself? With 0 being not threatening at all and 100 being very threatening

Blacks:____ Whites:____ Latinos:____ Asians:____ Immigrants:____

To what extent do you believe that each of the following groups is politically threatening to Americans like yourself? With 0 being not threatening at all and 100 being very threatening

Blacks:____ Whites:____ Latinos:____ Asians:____ Immigrants:____

You may have heard of ongoing lawsuits against some elite colleges (e.g., Harvard, Yale). The suits claim that the schools discriminate against Asian Americans by holding them to higher standards. From what you know, do you think some elite schools have discriminated against Asian Americans?

1	2	3	4	5	6	7
Definitely NOT Discriminated			*Not Sure*			*Definitely Discriminated*

Should colleges be allowed to put a limit on the number of Asian Americans accepted?

1	2	3	4	5	6	7
Definitely do NOT allow limits			*Not Sure*			*Definitely Allow Limits*

To what extent do you agree that the following policy proposals should be implemented:

Forcibly testing Asian Americans for COVID-19

1 2 3 4 5 6 7

Strongly disagree			*Not Sure*			*Strongly agree*
To what extent do you agree that the following policy proposals should be implemented: *Forcibly testing Asian immigrants for COVID-19*						
1	2	3	4	5	6	7
Strongly disagree			*Not Sure*			*Strongly age*

Appendix 5.1 – *Study 2, Regression Tables, Power Analysis, Balance Test*

Table 5.2 -- H1, Economic threat

	Dependent variable:		
	econ_asian	econ_immigrants	econ_white
	(1)	(2)	(3)
Treatment	0.045*	0.043*	0.017
	(0.023)	(0.025)	(0.023)
age	-0.018**	-0.017**	-0.037***
	(0.008)	(0.008)	(0.007)
gender	0.013	-0.023	0.068***
	(0.025)	(0.027)	(0.024)
region	-0.027**	-0.018	-0.026**
	(0.012)	(0.013)	(0.012)
pid	0.001	0.019***	-0.012*
	(0.007)	(0.007)	(0.007)
ideo	0.017*	0.017*	-0.018**
	(0.009)	(0.009)	(0.009)
Constant	0.343***	0.354***	0.569***
	(0.048)	(0.052)	(0.048)

Observations	732	732	732
R2	0.031	0.050	0.108
Adjusted R2	0.023	0.043	0.100
Residual Std. Error (df = 725)	0.311	0.335	0.306
F Statistic (df = 6; 725)	3.856***	6.425***	14.588***

Note: *p<0.1; **p<0.05; ***p<0.01

Table 5.3 -- H1, Political Threat

	Dependent variable:		
	pol_asian	pol_immigrants	pol_white
	(1)	(2)	(3)
Treatment	0.045**	0.022	-0.004
	(0.022)	(0.025)	(0.023)
age	-0.011	-0.014*	-0.040***
	(0.007)	(0.008)	(0.008)
gender	0.005	0.007	0.040
	(0.024)	(0.027)	(0.025)
region	-0.023**	-0.009	-0.011
	(0.012)	(0.013)	(0.012)
pid	0.007	0.016**	-0.016**
	(0.007)	(0.007)	(0.007)
ideo	0.009	0.021**	-0.017*

	(0.008)	(0.009)	(0.009)
Constant	0.304***	0.278***	0.646***
	(0.047)	(0.052)	(0.049)
Observations	732	732	732
R2	0.022	0.044	0.105
Adjusted R2	0.014	0.036	0.098
Residual Std. Error (df = 725)	0.303	0.334	0.315
F Statistic (df = 6; 725)	2.718**	5.526***	14.199***

Note: *p<0.1; **p<0.05; ***p<0.01

Table 5.4 -- H1, Cultural Threat

	Dependent variable:		
	cult_asian	cult_immigrants	cult_white
	(1)	(2)	(3)
Treatment	0.047**	0.038	0.010
	(0.023)	(0.025)	(0.023)
age	-0.016**	-0.008	-0.039***
	(0.007)	(0.008)	(0.007)
gender	-0.004	0.006	0.078***
	(0.024)	(0.027)	(0.025)
region	-0.023**	-0.024*	-0.015
	(0.012)	(0.013)	(0.012)
pid	0.001	0.013*	-0.018***

	(0.007)	(0.007)	(0.007)
ideo	0.011	0.024**	-0.018**
	(0.009)	(0.009)	(0.009)
Constant	0.359***	0.275***	0.565***
	(0.047)	(0.052)	(0.048)
Observations	732	732	732
R2	0.025	0.045	0.118
Adjusted R2	0.017	0.037	0.111
Residual Std. Error (df = 725)	0.305	0.333	0.308
F Statistic (df = 6; 725)	3.115***	5.718***	16.223***
Note:		*p<0.1; **p<0.05; ***p<0.01	

Table 5.5 -- H3-4, Replication

	Dependent variable:	
	AA_discrim	AA_limit
	(1)	(2)
Treatment	-0.041**	0.049**
	(0.019)	(0.025)
age	0.003	-0.005
	(0.006)	(0.008)
gender	0.058***	0.059**
	(0.021)	(0.027)
region	0.007	-0.024*
	(0.010)	(0.013)

pid	-0.014**	0.009
	(0.006)	(0.007)
ideo	0.015**	0.008
	(0.007)	(0.009)
Constant	0.436***	0.294***
	(0.041)	(0.052)
Observations	732	732
R2	0.030	0.024
Adjusted R2	0.022	0.016
Residual Std. Error (df = 725)	0.262	0.334
F Statistic (df = 6; 725)	3.678***	2.977***

Note: *p<0.1; **p<0.05; ***p<0.01

Table 5.6 -- H4, Forcibly Test

	Dependent variable:	
	forcibly_test_asian_americans	forcibly_test_asian_immigrants
	(1)	(2)
Treatment	0.074***	0.057**
	(0.026)	(0.026)
age	-0.031***	-0.023***
	(0.008)	(0.009)
gender	0.069**	0.033
	(0.028)	(0.028)

region	-0.014	-0.002
	(0.013)	(0.014)
pid	-0.002	0.005
	(0.008)	(0.008)
ideo	0.010	0.017*
	(0.010)	(0.010)
Constant	0.428***	0.417***
	(0.054)	(0.055)
Observations	732	732
R2	0.040	0.027
Adjusted R2	0.032	0.019
Residual Std. Error (df = 725)	0.348	0.353
F Statistic (df = 6; 725)	5.060***	3.388***

Note: *p<0.1; **p<0.05; ***p<0.01

Table 5.7 -- Feeling Thermometers

	Dependent variable:				
	feelings_asians	feelings_immigrants	feelings_whites	feelings_blacks	feelings_hispanics
	(1)	(2)	(3)	(4)	(5)
Treatment	-0.051**	-0.068***	-0.005	-0.029	-0.032
	(0.020)	(0.021)	(0.016)	(0.020)	(0.020)
age	0.019***	0.008	0.016***	0.005	0.015**
	(0.007)	(0.007)	(0.005)	(0.007)	(0.007)
gender	0.004	0.018	-0.004	-0.048**	-0.003
	(0.022)	(0.023)	(0.017)	(0.022)	(0.022)

region	0.002	0.007	0.006	0.015	0.010
	(0.010)	(0.011)	(0.008)	(0.011)	(0.010)
pid	-0.004	-0.018***	-0.002	-0.013**	-0.006
	(0.006)	(0.006)	(0.005)	(0.006)	(0.006)
ideo	-0.023***	-0.034***	0.002	-0.024***	-0.023***
	(0.008)	(0.008)	(0.006)	(0.008)	(0.008)
Constant	0.725***	0.780***	0.703***	0.868***	0.714***
	(0.042)	(0.045)	(0.033)	(0.043)	(0.043)
Observations	732	732	732	732	732
R2	0.047	0.113	0.021	0.074	0.041
Adjusted R2	0.039	0.106	0.013	0.067	0.033
Residual Std. Error (df = 725)	0.271	0.290	0.213	0.274	0.274
F Statistic (df = 6; 725)	6.002***	15.383***	2.645**	9.698***	5.132***
Note:					*p<0.1; **p<0.05; ***p<0.01

Power Analysis, Ability to detect small effect

```
Two-sample t test power calculation

              n = 175.3847
              d = 0.3
      sig.level = 0.05
          power = 0.8
    alternative = two.sided

NOTE: n is number in *each* group
```

Table 5.8 -- Balance test

Summary of Balance for All Data:

	Means Treated	Means Control	Std. Mean Diff.	Var. Ratio	eCDF Mean	eCDF Max
distance	0.5064	0.4856	0.2903	1.0196	0.0863	0.1446
age	4.9421	5.0623	-0.0680	1.0599	0.0161	0.0693
gender	1.5262	1.4905	0.0713	0.9977	0.0178	0.0357
region	2.6777	2.6531	0.0222	1.0689	0.0162	0.0234
pid	4.4683	4.2900	0.0748	0.9359	0.0288	0.0428
ideo	4.3140	4.3442	-0.0161	0.9111	0.0170	0.0407
pol_asian	0.3106	0.2636	0.1497	1.1410	0.0473	0.0925
econ_asian	0.3226	0.2764	0.1429	1.1257	0.0463	0.0819
cult_asian	0.3104	0.2628	0.1512	1.1058	0.0475	0.1198
AA_discrim	0.5165	0.5583	-0.1535	1.1343	0.0334	0.0624
AA_limit	0.4132	0.3611	0.1534	1.0402	0.0417	0.0774