Science Advances

AAAS

Supplementary Materials for

Using Internet search data to examine the relationship between anti-Muslim and pro-ISIS sentiment in U.S. counties

Christopher A. Bail, Friedolin Merhout, Peng Ding

This PDF file includes:

- fig. S1. Standardized coefficients from two-stage least-squares regression model predicting pro-ISIS search rate normalized by Internet penetration in 2921 U.S. counties, 2014–2016.
- fig. S2. Standardized coefficients from two-stage least-squares regression model predicting pro-ISIS Internet search rate normalized for overall search activity in 3146 U.S. counties, 2014–2016.
- table S1. Results of Google Correlate searches to examine algorithmic confounding.
- table S2. Individuals who were indicted for terrorist activity or completed an attack by state.
- table S3. Individuals who were indicted for terrorist activity or completed an attack by year.
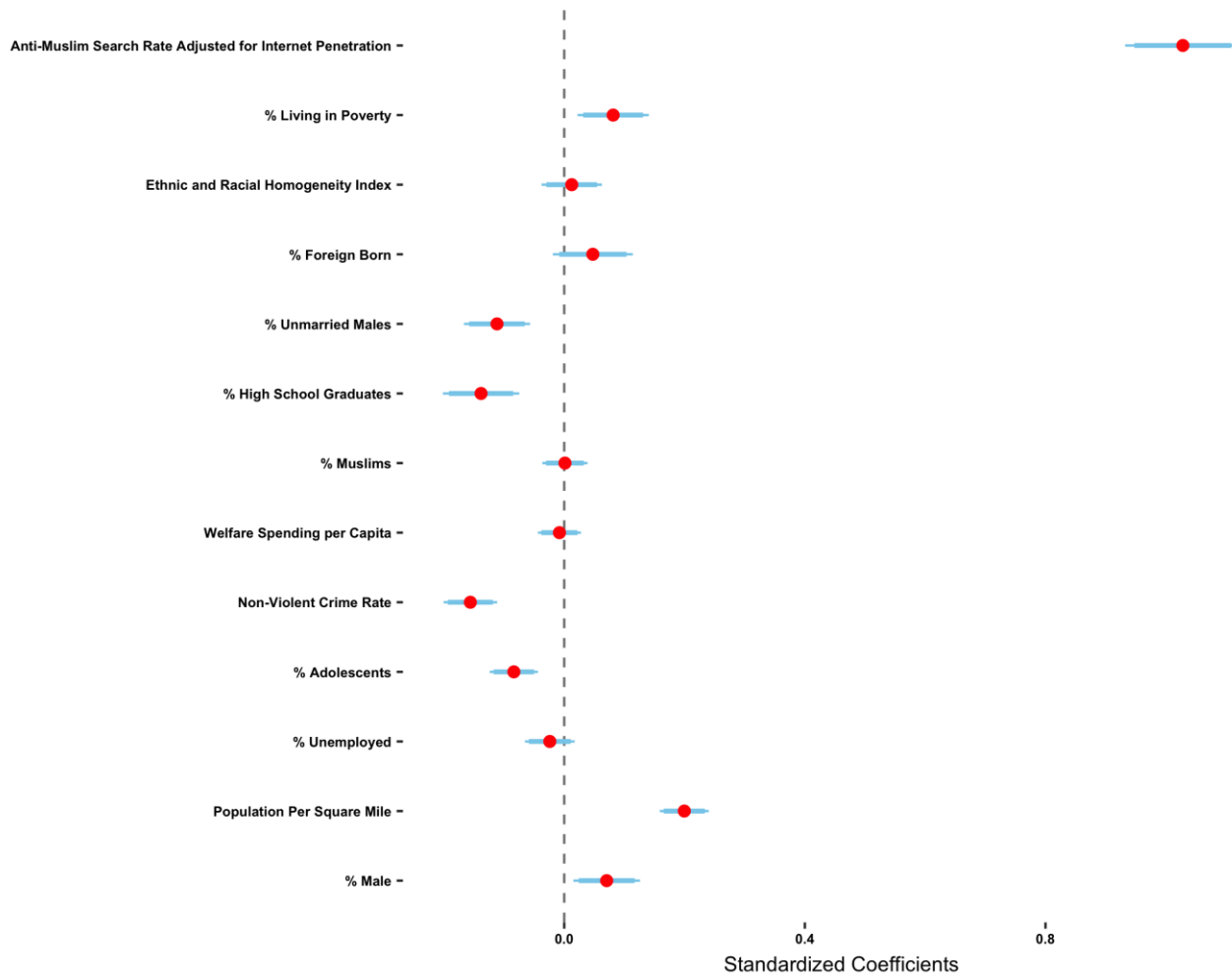
Supplementary Materials

fig. S1. Standardized coefficients from two-stage least-squares regression model predicting pro-ISIS search rate normalized by Internet penetration in 2921 U.S. counties, 2014–2016. Red circles describe standardized coefficients, blue bars describe 90 and 95% confidence intervals. This figure provides a robustness check for the results presented in Figure 1. Anti-Muslim internet search rate normalized by the internet penetration rate remains the strongest predictor of the pro-ISIS internet search rate.
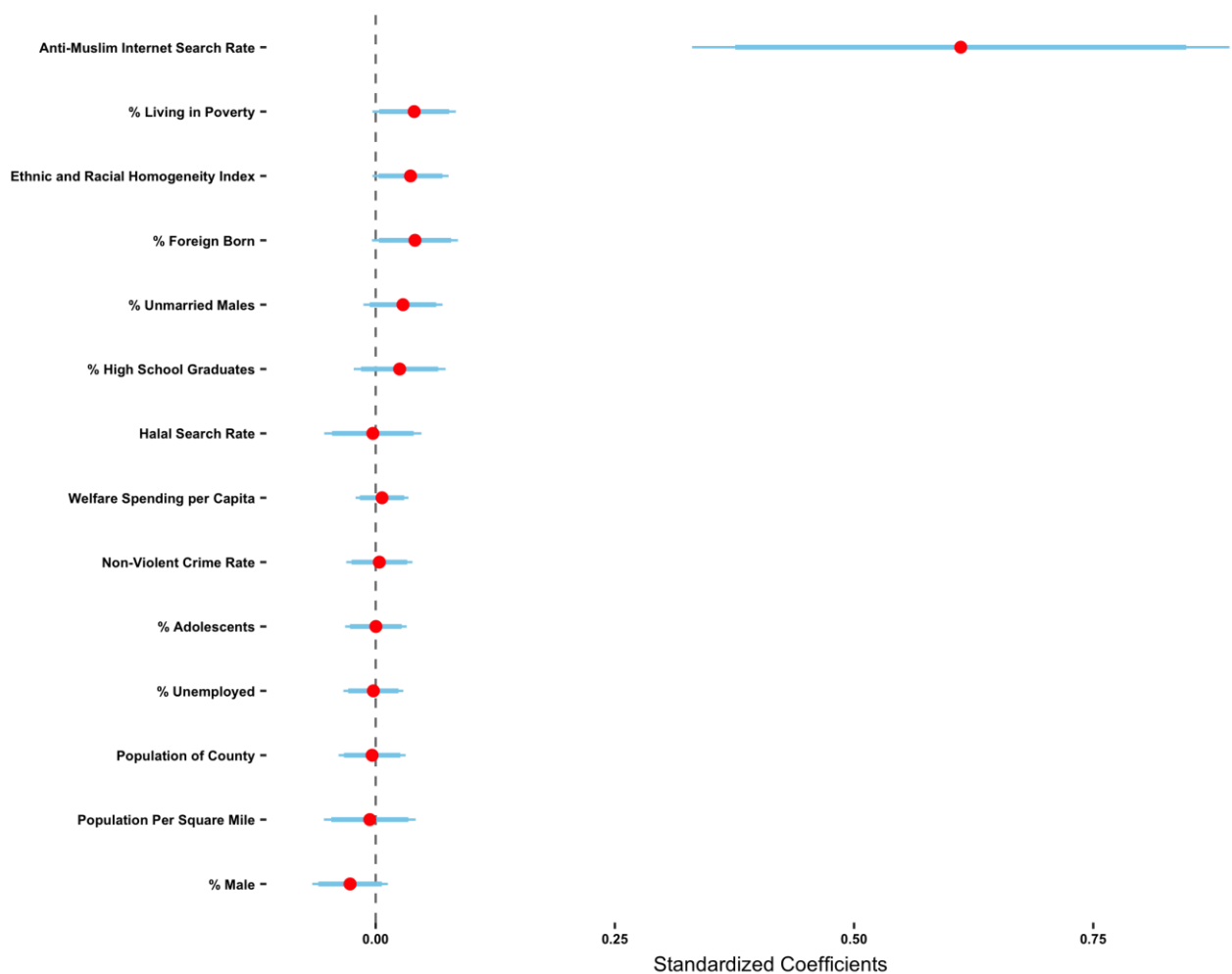
fig. S2. Standardized coefficients from two-stage least-squares regression model predicting pro-ISIS Internet search rate normalized for overall search activity in 3146 U.S. counties, 2014–2016. Red circles describe standardized coefficients, blue bars describe 90 and 95% confidence intervals. This figure provides a robustness check for the results presented in Figure 1. Anti-Muslim internet search rate normalized by the internet penetration rate remains the strongest and only statistically significant predictor of the pro-ISIS internet search rate when the proportion of Muslim residents is operationalized using an internet search volume indicator.

table S1. Results of Google Correlate searches to examine algorithmic confounding. These results present the 50 most commonly associated search terms with search phrases that may reflect (i) radicalization and (ii) anti-Muslim animus.

Google Correlate Results for "Infidel"	Google Correlate Results for "Mussie"	Google Correlate Results for "Haji"
an al	tussie mussie	jamaah
american be	tussie	pembuahan
what time is that	skibo castle	angkatan
lexington castle	turtle island	ibrani
nerg	lualaba	kambing etawa
al an	turtle islands	bahasa latin
catfish taste	origami for dummies	nabi ibrahim
shown	saddle plate	etawa
hard enough	ferrets for dummies	siluman
berb	orb and sceptre	sembilan
foam bubbles	chemcentral	alkitab
ky castle	nowack	syair lagu
how many taste buds	chem central	apa?
state capital of tennessee	caritor	kamus bahasa
my name is nick	oswego, new york	aqiqah
untada	boiling cauldron	lirik dan chord
cartoon superhero	ch-46	renungan
american.	c-20	dijual
beerg	billy strayhorn	dan chord
amazon peanut butter	goen technologies	pelaut
bergand	anna nicole smith pics	percaya diri
berg berg	tidningar	manusia pertama
man gets head chopped off	nichole	lada hitam
greenfields song	oder-neisse	keunggulan
swatch times square	desogestrel	air tawar
berg.	prince of denmark march	bahasa ibrani
cut head off	fat anna	buat email
french word for hat	hard rock cafe hotel	rohani kristen
what does spam stand for	fat anna nicole	ilmu
spam stand for	mexico new york	tekanan darah tinggi
radical islamist	vortexes	tenaga dalam
red rectangle	city chemical	komunitas
what does spam	www.qwestdex.com	indikasi
elf in harry potter	building for dummies	tradisional
dallas cowboys safety	oswego new york	kamus bahasa arab
مـ ذ تدى	nichol	tekanan darah
befg	wonder spot	depresi
ber video	anna nicole smith movies	sel telur
islamic extremist groups	shardik	perawatan
song the ride	keithurban.com	kelamin
film 11	picture agency	totok
islamic military	nowak	dalam bahasa indonesia

table S2. Individuals who were indicted for terrorist activity or completed an attack by state. (*25*)

State	Number of Individuals
Alabama	5
Alaska	2
Arizona	7
Arkansas	1
California	37
Colorado	7
Connecticut	2
Delaware	0
District of Columbia	24
Florida	25
Georgia	3
Hawaii	0
Idaho	0
Illinois	17
Indiana	2
Iowa	0
Kansas	2
Kentucky	2
Louisiana	0
Maine	1
Maryland	5
Massachusetts	10
Michigan	6
Minnesota	40
Mississippi	2
Missouri	2
Montana	0
Nebraska	0
Nevada	0
New Hampshire	0
New Jersey	14
New Mexico	0
New York	52
North Carolina	17
North Dakota	0
Ohio	17
Oklahoma	1
Oregon	8
Pennsylvania	6
Rhode Island	1
South Carolina	1
South Dakota	0
Tennessee	3
Texas	20
Utah	1
Vermont	0
Virginia	9
Washington	13
West Virginia	0
Wisconsin	1
Wyoming	0
Total	366

table S3. Individuals who were indicted for terrorist activity or completed an attack by year. (*25*)

Year	Number of Individuals
2001	2
2002	18
2003	25
2004	8
2005	10
2006	16
2007	16
2008	3
2009	50
2010	27
2011	22
2012	18
2013	23
2014	44
2015	83
2016	24