**Online Appendix: Did Craigslist's Erotic Services Reduce Female Homicide and Rape?** Scott Cunningham, Gregory DeAngelo, and John Tripp

## A Appendix

This appendix provides supplementary information graphically showing the roll out of Craigslist's erotic services across the country as well as supplemental tables referenced in the article.

Test of Independence A	Assumption
Ages 0 - 25	-0.003
õ	(0.002)
Ages 25 - 50	0.000
-	(0.002)
Ages $50+$	0.000
	(0.003)
Adult	0.003
	(0.002)
Child	-0.002
	(0.002)
Armed Forces	-0.001
	(0.001)
Latino	-0.000
	(0.002)
Employed	-0.006**
	(0.003)
Less HS Educ	0.001
	(0.002)
HS Educ	$0.006^{**}$
	(0.003)
Some College	-0.004*
	(0.002)
4 Year Degree	0.001
	(0.002)
Beyond 4 Year Degree	-0.001
	(0.001)
Population	6198.385**
	(2501.897)

Table A.1 Relationship between Treatment Status & Socioeconomic Covariates

Socioeconomic covariates are sourced from the American Community Survey and are aggregated at the ORI mean level. Each row is a separate regression. Cluster robust standard errors at the ORI level are presented in parentheses. \* p<0.10, \*\* p<0.05, \*\*\* p<0.01

Dep var:			Female	Murders					Femal	e Rapes		
	1	2	3	4	5	6	7	8	9	10	11	12
ERS (first 6 months)	-0.003 (0.010)			-0.037 (0.081)			$  -0.083 \\ (0.101)$			-0.030 (0.034)		
ERS (post-6 months)	-0.015** (0.007)			$-0.133^{**}$ (0.062)			$-0.207^{**}$ (0.105)			-0.077** (0.037)		
ERS (first 9 months)	× ,	-0.005 $(0.008)$			-0.046 (0.070)			-0.114 $(0.091)$			-0.036 (0.031)	
ERS (post-9 months)		-0.016** (0.007)			$-0.152^{**}$ (0.066)			-0.209* (0.115)			-0.085** (0.040)	
ERS (first $12 \text{ months}$ )		()	-0.006 $(0.007)$		()	-0.057 $(0.065)$		()	-0.097 (0.081)		()	-0.036 $(0.028)$
ERS (post-12 months)			$-0.018^{**}$ (0.007)			$-0.168^{**}$ (0.069)			(0.130) $-0.273^{**}$ (0.130)			$(0.0101)^{++}$ (0.045)
Ν	54,272	54,272	54,272	54,272	54,272	54,272	47,904	47,904	47,904	47,904	47,904	47,904
Mean of dependent variable	0.13	0.13	0.13	0.13	0.13	.13	2.93	2.93	2.93	2.93	2.93	2.93
Estimation method	OLS	OLS	OLS	Poisson	Poisson	Poisson	OLS	OLS	OLS	Poisson	Poisson	Poisson
ORI FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Month-Year FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
State-Year FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Population	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Table A.2TWFE and Poisson estimates of the effect of erotic services openings on female murders and forcible female rape<br/>offenses per 100,000 using varying windows

Female homicide and female rape offenses come from the Supplemental Homicide Reports and UCR Summary Reports, respectively. Cluster robust by ORI standard errors are shown in parenthesis. Each column refers to a separate regression specification which we identify in the bottom rows starting with "Estimation method". \* p<0.10, \*\* p<0.05, \*\*\* p<0.01

	Femal	le homicides	Female rapes			
DD Comparison:	Weight	Avg DD Est:	Weight	Avg DD Est:		
Earlier T vs Later C	0.716	-0.017	0.725	-0.140		
Later T vs. Earlier C	0.233	-0.001	0.235	0.145		
T vs Never Treated	0.051	-0.037	0.040	-0.468		

**Table A.3** Bacon decomposition of TWFE estimates of ERS on female homicides and<br/>forcible female rape offenses per 100,000

These are TWFE regressions using the Supplemental Homicide Report files and the Uniform Crime Reports Summary Parti I files. Controls include city and date fixed effects.

**Table A.4** OLS estimates of the effect of erotic services opening on female murdersand forcible female rape offenses, randomization inference with 1000 draws

Dependent variable:	Female	murders	Female rapes			
Coefficient:	0-10 months	10+ months	0-10 months	10+ months		
Estimated effect	-0.007	-0.015*	-0.125*	-0.204*		
5th percentile	-0.014	-0.015	-0.146	-0.226		
95th percentile	0.015	0.016	0.138	0.214		
Two-tailed test p-value	0.20	0.06	0.08	0.06		
N	53,576	53,576	47,904	47,904		
Mean of dependent variable	0.13	0.13	2.93	2.93		
Procedure	OLS	OLS	OLS	OLS		

Female homicides and female forcible rape offenses were each calculated using the Supplemental Homicide Reports and Uniform Crime Reports, respectively. Models were estimated using OLS with ORI fixed effects, year-month fixed effects and state-year fixed effects. The sampling distribution was created by randomizing treatment dates across ORIs 1,000 times. The panel presents 5th and 95th percentiles from the randomized assignment and p-values from a two-tailed test. \* p<0.10, \*\* p<0.05, \*\*\* p<0.01

isting on craigslist	artists / musicians (81)	apartments (50)	accounting / finance (11)			
AQ subscriptions	general community (97)	apts - broker/fee (102)	business / e-biz / mgmt (30)			
	events / entertainment (34)	rooms / shared (87)	computer / engineering (47)			
search craigslist	ridesharing (25)	sublet / temp / vac (195)	design / media / multimedia (11)			
	discussion forums	<u>swap</u> (138)	marketing / advertising / PR (20)			
community 😒		apts wanted (118)	office / admin / cust-serv (17)			
search	personals - new	room / share wanted (110)	sales / biz-dev (57)			
	women seeking men (15)	sublet / temp wanted (152)	writing / editing (12)			
nyc@craigslist.org	women seeking women (9)		et cetera jobs (13)			
1.800.664.0633	men seeking women (34)	sale / wanted				
1.800.004.0033	men seeking men (8)	general for sale (167)	services			
about craigslist	missed connections (34)	computer / tech stuff (28)	resumes (331)			
		tickets (43)	freelance / 1099 (130)			
		items wanted (52) -;new	small biz ads (179)			
	-	818-11-22 - 11-11-12-222-1	P 1988 - 1 200 - 1			
	all listings are free qu	estions/comments?> <u>n</u>	<u>yc@craigslist.org</u>			

Figure A.1 Picture of NYC Craigslist front page before erotic services was an section.

craigslist			d	lallas / f	t wo	orth <b>w</b>		albany albuquerque	little rock los angeles	tampa bay tucson	europe amsterdam
								allentown	louisville	tulsa	athens
post to classifieds	comm	unity (	2078)	housin	ig (3297	)	jobs (2424)	anchorage ann arbor	madison	wash, DC western mass	barcelona
	activitie	s lost	t+found	apts / h	ousing		accounting / finance	asheville	maine memphis	western mass	brussels
help subscriptions	artists	mu	sicians	rooms /	share	d	admin / office	atlanta	miami	west virginia	copenhagen
	childcar	re nev	vs+viev	vs sublets	/ temp	orary	arch / engineering	austin	milwaukee	wichita	florence
search craigslist	general	poli	tics	housing	wante	d	art / media / design	bakersfield baltimore	minneapolis modesto	wyoming	frankfurt geneva
	groups	ride	share	housing	swap		biotech / science		montana	canada	madrid
community > >	pets	volu	Inteers	vacation	n rental	s	business / mgmt	boise	monterey	calgary	milan
community ~ >	events	cla	sses	parking	/ stora	qe	customer service	boston	nashville	edmonton	moscow
				office / office	comme	ercial	education / teaching	buffalo burlington	new hamp new haven	halifax montreal	munich paris
event calendar (69)	Dersor	nals (821)	2)	real est	ate for	sale	government	chambana	new jersey	ottawa	prague
SMTWTFS			3)				human resources	charleston	new orleans	saskatoon	rome
14 15 16 17 18 19 20		platonic		6	<b>I</b>		internet engineering	charlotte	new york	toronto	stockholm
21 22 23 24 25 26 27		seek wo		for sa			legal / paralegal	chicago chico	norfolk n dakota	vancouver victoria	vienna zurich
28 29 30 31 1 2 3		seeking		barter		parts	marketing / pr / ad	cincinnati	okla city	winnipeg	201101
4 5 6 7 8 9 10		eking wo		bikes		+kids	medical / health	develand	omaha		asia
1		eking m	en	boats		trucks	nonprofit sector	columbia	orange co	americas	bangalore
best-of-craigslist	misc ro			books		dvd/vhs	retail / food / hosp	columbus dallas	orlando philadelphia	buenos aires	<u> </u>
craigslist factsheet		encount		free		es+acc	sales / biz dev	dayton	phoenix	mexico city	beijing delhi
job boards compared	missed	connect	tions	furniture	colle	ctibles		delaware	pittsburgh	rio de janeiro	
list in space	rants ar	nd raves		general	comp	outer	skilled trade / craft	denver	portland	costa rica	istanbul
craigslist T-shirts				jewelry	elect	ronics	software / qa / dba	desmoines	providence	santiago	jerusalem
::: craig blog :::	discu	ission f	orums	sporting	garag	je sale	systems / network'g	detroit el paso	puerto rico raleigh	são paulo tijuana	manila mumbai
craigslist foundation	arts	jobs	psych	tickets	hous	ehold	technical support	eugene	redding		osaka
download firefox	autos	kink	queer					fort myers	reno	uk & ie	seoul
	beauty	legal	rofo	servi	ces	(3879	) ign	fresno	richmond	belfast	shanghai
system status	comp	loc pol	scienc				9	grand rapids greensboro	rochester sacramento	birmingham cardiff	singapore tel aviv
system status	crafts	m4m	selferr	compl	ıter	auto	pmotive mel	harrisburg	salt lake	dublin	tokyo
	ecology	money	shop					hartford	san antonio	edinburgh	
erms of use your privacy	educ fdbk	music	spirit	creativ	'e	hou	sehold	honolulu	san diego	glasgow	africa
about us contact us	film	night npo/ngo	sports				event	houston humboldt	SF bay santa barb	london manchester	cape town jo'burg
© 2005 craigslist, inc	fitness	open	transg	erotic		labo	or/move labor	indianapolis		manurester	lo nuð
© 2005 craigslist, inc	fixit	outdoor	transit				writing	inland emp	seattle	au & nz	>>
	food	over 50	travel	event		skil	d trade talent	jackson	s dakota	adelaide	
	gaming	parent	tv	-				jacksonville	spokane	auckland brisbane	
	garden	pefo	w4w	financi	al	real	estate	kansas city las vegas	st louis stockton	melbourne	
	haiku	pets	weddi					lexington	syracuse	perth	
	health	philos	wome	legal		sm	biz ads		tallahassee	sydney	
	history	poc	writers								
	housing	politic		lesson	IS	ther	apeutic				

Figure A.2 Picture of Craigslist front page with zoomed "services" section.



Figure A.3 Top panel is 1995. Bottom panel is April 2003.

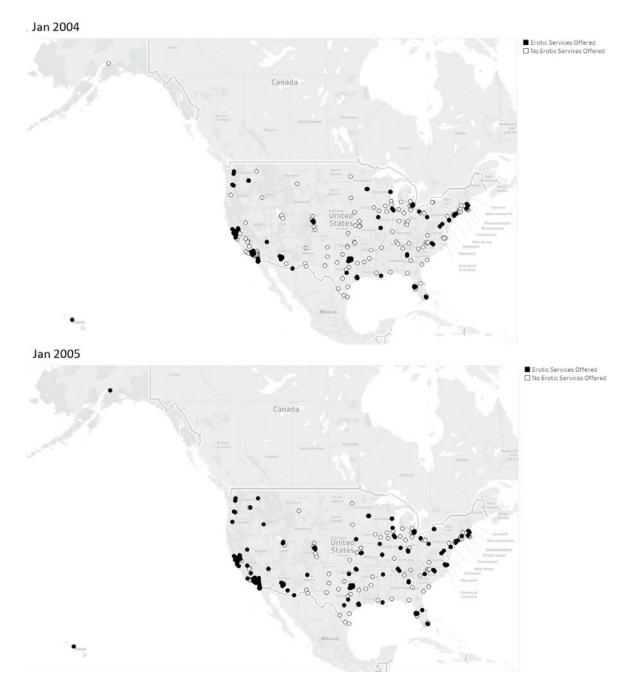


Figure A.4 Top panel is Jan 2004. Bottom panel is Jan 2005.

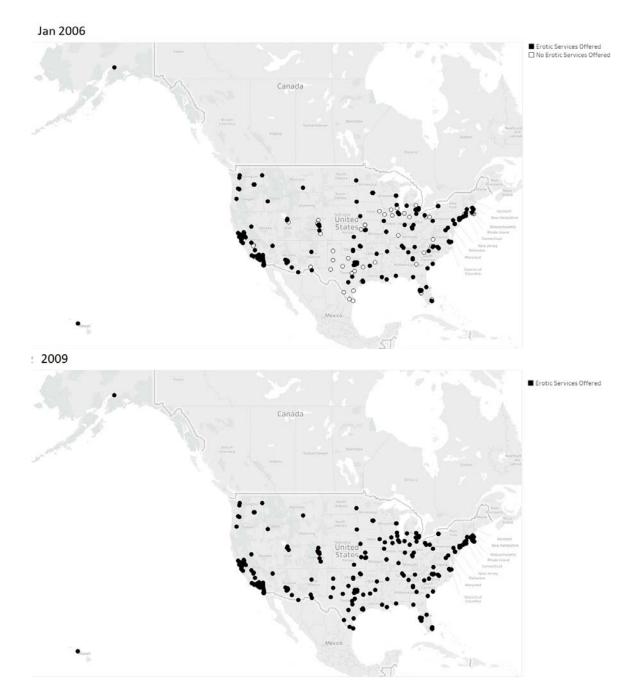


Figure A.5 Top panel is Jan 2006. Bottom panel is 2009.