Online Appendix: Did Craigslist's Erotic Services Reduce Female Homicide and Rape?

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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.

Table A.1 Relationship between Treatment Status & Socioeconomic Covariates

Test of Independence Assumption	
Ages 0 - 25	-0.003
	(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)

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. * $p<0.10$, ** $p<0.05$, *** $p<0.01$

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

Dep var:	**Female Murders**						**Female Rapes**					
	1	2	3	4	5	6	7	8	9	10	11	12
ERS (first 6 months)	-0.003			-0.037			-0.083			-0.030		
	(0.010)			(0.081)			(0.101)			(0.034)		
ERS (post-6 months)	-0.015**			-0.133**			-0.207**			-0.077**		
	(0.007)			(0.062)			(0.105)			(0.037)		
ERS (first 9 months)		-0.005			-0.046			-0.114			-0.036	
		(0.008)			(0.070)			(0.091)			(0.031)	
ERS (post-9 months)		-0.016**			-0.152**			-0.209*			-0.085**	
		(0.007)			(0.066)			(0.115)			(0.040)	
ERS (first 12 months)			-0.006			-0.057			-0.097			-0.036
			(0.007)			(0.065)			(0.081)			(0.028)
ERS (post-12 months)			-0.018**			-0.168**			-0.273**			-0.101**
			(0.007)			(0.069)			(0.130)			(0.045)
N	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

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

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

DD Comparison:	Female homicides		Female rapes	
	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

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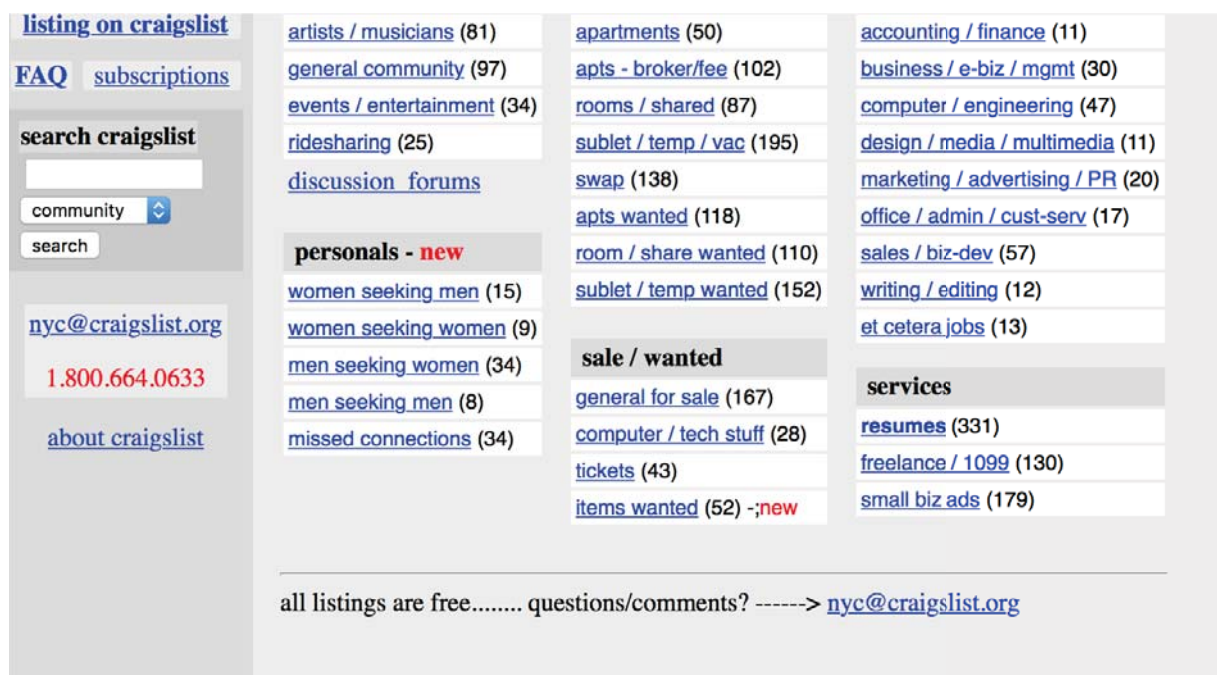
Figure A.1 Picture of NYC Craigslist front page before erotic services was an section.

craigslist

dallas / ft worth w

post to classifieds

help   subscriptions

search craigslist

community   v   >

event calendar (69)

S	M	T	W	T	F	S
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	1	2	3
4	5	6	7	8	9	10

best-of-craigslist
craigslist factsheet
job boards compared
list in space
craigslist T-shirts
::: craig blog :::
craigslist foundation
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system status

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community (2078)

activities	lost+found
artists	musicians
childcare	news+views
general	politics
groups	rideshare
pets	volunteers
events	classes

personals (8213)

strictly platonic
women seek women
women seeking men
men seeking women
men seeking men
misc romance
casual encounters
missed connections
rants and raves

discussion forums

arts	jobs	psych
autos	kink	queer
beauty	legal	rofo
comp	loc pol	scienc
crafts	m4m	selfem
ecology	money	shop
educ	music	spirit
fdbk	night	sports
film	npo/ngo	testing
fitness	open	transg
fixit	outdoor	transit
food	over 50	travel
gaming	parent	tv
garden	pefo	w4w
haiku	pets	weddi
health	philos	wome
history	poc	writers
housing	politic	

housing (3297)

apts / housing
rooms / shared
sublets / temporary
housing wanted
housing swap
vacation rentals
parking / storage
office / commercial
real estate for sale

for sale (14041)

barter	auto parts
bikes	baby+kids
boats	cars+trucks
books	cds/dvd/vhs
free	clothes+acc
furniture	collectibles
general	computer
jewelry	electronics
sporting	garage sale
tickets	household

jobs (2424)

accounting / finance
admin / office
arch / engineering
art / media / design
biotech / science
business / mgmt
customer service
education / teaching
government
human resources
internet engineering
legal / paralegal
marketing / pr / ad
medical / health
nonprofit sector
retail / food / hosp
sales / biz dev
skilled trade / craft
software / qa / dba
systems / network'g
technical support

services (3879)

computer	automotive
creative	household
erotic	labor/move
event	skill'd trade
financial	real estate
legal	sm biz ads
lessons	therapeutic

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

1995

April 2003

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

Jan 2004

Jan 2005

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

Jan 2006

Canada

United
States

Mexico

Erotic Services Offered
No Erotic Services Offered

2009

Canada

United
States

Mexico

Erotic Services Offered

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