

“Conscription and Crime: Evidence from the Argentine Draft Lottery”
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Web Appendix

Table A.1 - Descriptive statistics for men born 1958-1962

	<i>Mean</i>	<i>Standard Deviation</i>	<i>Observations</i>
<i>Treatment Variables:</i>			
Draft Eligible	0.6998	0.4584	5,000
Conscription	0.5031	0.3049	5,000
Eligible for Navy	0.1196	0.3245	5,000
Eligible during Malvinas War	0.1362	0.3430	5,000
<i>Crime Variables:</i>			
Crime Rate	0.0693	0.0178	5,000
Use of Weapons	0.0010	0.0024	5,000
Crime against Property	0.0075	0.0073	5,000
Sexual Attack	0.0007	0.0021	5,000
Murder	0.0009	0.0021	5,000
Threat	0.0017	0.0031	5,000
Drug Trafficking	0.0012	0.0028	5,000
White Collar	0.0034	0.0046	5,000
<i>Labor Market Variables:</i>			
Participation in the Formal Job Market	0.3387	0.0470	5,000
Unemployment Rate	0.1797	0.0543	5,000
Earnings	3.1734	0.2343	5,000
<i>Pre-Treatment Characteristics:</i>			
Argentine Born (not indigenous)	0.9986	0.0026	5,000
Indigenous Argentine	0.0009	0.0020	5,000
Naturalized Argentine	0.0005	0.0017	5,000
<i>Pre-Treatment Characteristics- Province of Residence:</i>			
Buenos Aires	0.3448	0.0326	5,000
Ciudad de Buenos Aires	0.0855	0.0186	5,000
Catamarca	0.0096	0.0064	5,000
Chaco	0.0347	0.0114	5,000
Chubut	0.0095	0.0061	5,000
Córdoba	0.0869	0.0186	5,000
Corrientes	0.0321	0.0107	5,000
Entre Ríos	0.0388	0.0121	5,000
Formosa	0.0150	0.0080	5,000
Jujuy	0.0169	0.0083	5,000
La Pampa	0.0075	0.0054	5,000
La Rioja	0.0077	0.0054	5,000
Mendoza	0.0435	0.0125	5,000
Misiones	0.0277	0.0104	5,000
Neuquén	0.0087	0.0059	5,000
Río Negro	0.0130	0.0071	5,000
Salta	0.0274	0.0102	5,000
San Juan	0.0187	0.0087	5,000
San Luis	0.0086	0.0059	5,000
Santa Cruz	0.0034	0.0038	5,000
Santa Fé	0.0863	0.0173	5,000
Santiago del Estero	0.0289	0.0108	5,000
Tierra del Fuego	0.0008	0.0019	5,000
Tucumán	0.0406	0.0121	5,000

Note: The level of observation is the cohort-ID number combination. Earnings are hourly earnings in Argentine pesos. Participation in the formal job market as of 2004. Unemployment rates and earnings as of 2003.

Table A.2 - Differences in pre-treatment province of residence by eligibility group and cohort

<i>Differences by Cohort (Draft Exempt - Draft Eligible)</i>	<i>Cohort 1958</i>	<i>Cohort 1959</i>	<i>Cohort 1960</i>	<i>Cohort 1961</i>	<i>Cohort 1962</i>
Buenos Aires	0.0042 (0.0026)	0.0007 (0.0023)	0.0021 (0.0023)	-0.0018 (0.0019)	-0.0013 (0.0019)
Ciudad de Buenos Aires	0.0022 (0.0016)	0.0004 (0.0013)	-0.0038*** (0.0010)	0.0013 (0.0011)	0.0038*** (0.0011)
Catamarca	-0.0007 (0.0005)	-0.0007 (0.0005)	0.0000 (0.0005)	0.0004 (0.0004)	-0.0001 (0.0004)
Chaco	-0.0005 (0.0009)	0.0010 (0.0007)	-0.0004 (0.0008)	0.0006 (0.0008)	-0.0012 (0.0008)
Chubut	0.0004 (0.0005)	-0.0004 (0.0004)	-0.0002 (0.0004)	-0.0005 (0.0004)	-0.0005 (0.0004)
Córdoba	-0.0015 (0.0015)	0.0025** (0.0012)	0.0038** (0.0015)	-0.0010 (0.0012)	0.0011 (0.0011)
Corrientes	-0.0017* (0.0010)	-0.0012* (0.0007)	0.0011 (0.0007)	0.0005 (0.0007)	-0.0005 (0.0007)
Entre Ríos	-0.0008 (0.0010)	-0.0008 (0.0008)	-0.0003 (0.0008)	0.0010 (0.0008)	-0.0008 (0.0007)
Formosa	-0.0004 (0.0007)	0.0008 (0.0005)	0.0004 (0.0006)	-0.0004 (0.0005)	-0.0004 (0.0005)
Jujuy	-0.0007 (0.0007)	-0.0002 (0.0005)	-0.0009* (0.0005)	0.0008 (0.0006)	-0.0017*** (0.0005)
La Pampa	0.0006 (0.0005)	0.0006 (0.0004)	0.0003 (0.0004)	-0.0007* (0.0004)	0.0000 (0.0004)
La Rioja	0.0000 (0.0004)	-0.0008** (0.0004)	-0.0004 (0.0004)	0.0000 (0.0004)	-0.0004 (0.0003)
Mendoza	0.0003 (0.0011)	-0.0004 (0.0009)	-0.0003 (0.0008)	-0.0004 (0.0009)	0.0018** (0.0008)
Misiones	-0.0009 (0.0008)	0.0002 (0.0007)	-0.0006 (0.0007)	-0.0001 (0.0007)	-0.0005 (0.0007)
Neuquén	0.0001 (0.0005)	0.0003 (0.0004)	-0.0003 (0.0004)	0.0003 (0.0004)	-0.0003 (0.0004)
Río Negro	-0.0004 (0.0006)	-0.0001 (0.0005)	-0.0001 (0.0005)	-0.0001 (0.0004)	0.0005 (0.0005)
Salta	0.0000 (0.0009)	-0.0005 (0.0007)	0.0011* (0.0007)	-0.0002 (0.0007)	0.0002 (0.0007)
San Juan	0.0006 (0.0009)	0.0000 (0.0006)	-0.0007 (0.0006)	-0.0001 (0.0005)	0.0006 (0.0006)
San Luis	0.0001 (0.0005)	-0.0004 (0.0004)	-0.0001 (0.0004)	0.0000 (0.0004)	-0.0003 (0.0004)
Santa Cruz	-0.0002 (0.0003)	-0.0004* (0.0003)	0.0001 (0.0002)	0.0000 (0.0002)	0.0003 (0.0003)
Santa Fé	-0.0011 (0.0014)	0.0005 (0.0012)	0.0002 (0.0011)	0.0016 (0.0011)	0.0006 (0.0011)
Santiago del Estero	-0.0001 (0.0008)	-0.0020*** (0.0007)	-0.0005 (0.0008)	-0.0003 (0.0007)	-0.0004 (0.0006)
Tierra del Fuego	-0.0001 (0.0002)	-0.0001 (0.0001)	0.0000 (0.0001)	0.0000 (0.0001)	-0.0001 (0.0001)
Tucumán	0.0011 (0.0011)	0.0011 (0.0009)	-0.0007 (0.0008)	-0.0008 (0.0007)	-0.0010 (0.0008)

Note: Standard errors are in parentheses. The level of observation is the cohort-ID number combination.
*Significant at the 10% level; **Significant at the 5% level; ***Significant at the 1% level.

**Table A.3 - Differences in failure rates in the medical examination
by eligibility group and cohort**

<i>Differences by Cohort (Draft Exempt - Draft Eligible)</i>	<i>Cohort 1958</i>	<i>Cohort 1959</i>	<i>Cohort 1960</i>	<i>Cohort 1961</i>	<i>Cohort 1962</i>
All numbers	-0.0017 (0.0014)	-0.0016 (0.0013)	-0.0143*** (0.0013)	-0.0197*** (0.0012)	-0.0232*** (0.0012)
20 numbers around the final cut-off number	0.0027 (0.0050)	-0.0043 (0.0068)	0.0009 (0.0056)	0.0141** (0.0053)	-0.0060 (0.0059)
15 numbers around the final cut-off number	0.0038 (0.0056)	-0.0060 (0.0085)	0.0008 (0.0070)	0.0129* (0.0066)	-0.0034 (0.0070)
10 numbers around the final cut-off number	0.0077 (0.0056)	-0.0044 (0.0116)	-0.0043 (0.0090)	0.0108 (0.0075)	0.0017 (0.0083)

Note: Standard errors are in parentheses. The level of observation is the cohort-ID number combination.
*Significant at the 10% level; **Significant at the 5% level; ***Significant at the 1% level.

Table A.4 - OLS Estimated impact of conscription on crime rates

<i>Cohort</i>	<i>Dependent Variable: Crime Rate</i>	
	<i>1958-62 (1)</i>	<i>1958-62 (2)</i>
Conscription	0.0023*** (0.0008)	0.0023*** (0.0008)
% Change	3.32	3.32
Controls	No	Yes
Observations	5,000	5,000
Method	OLS	OLS

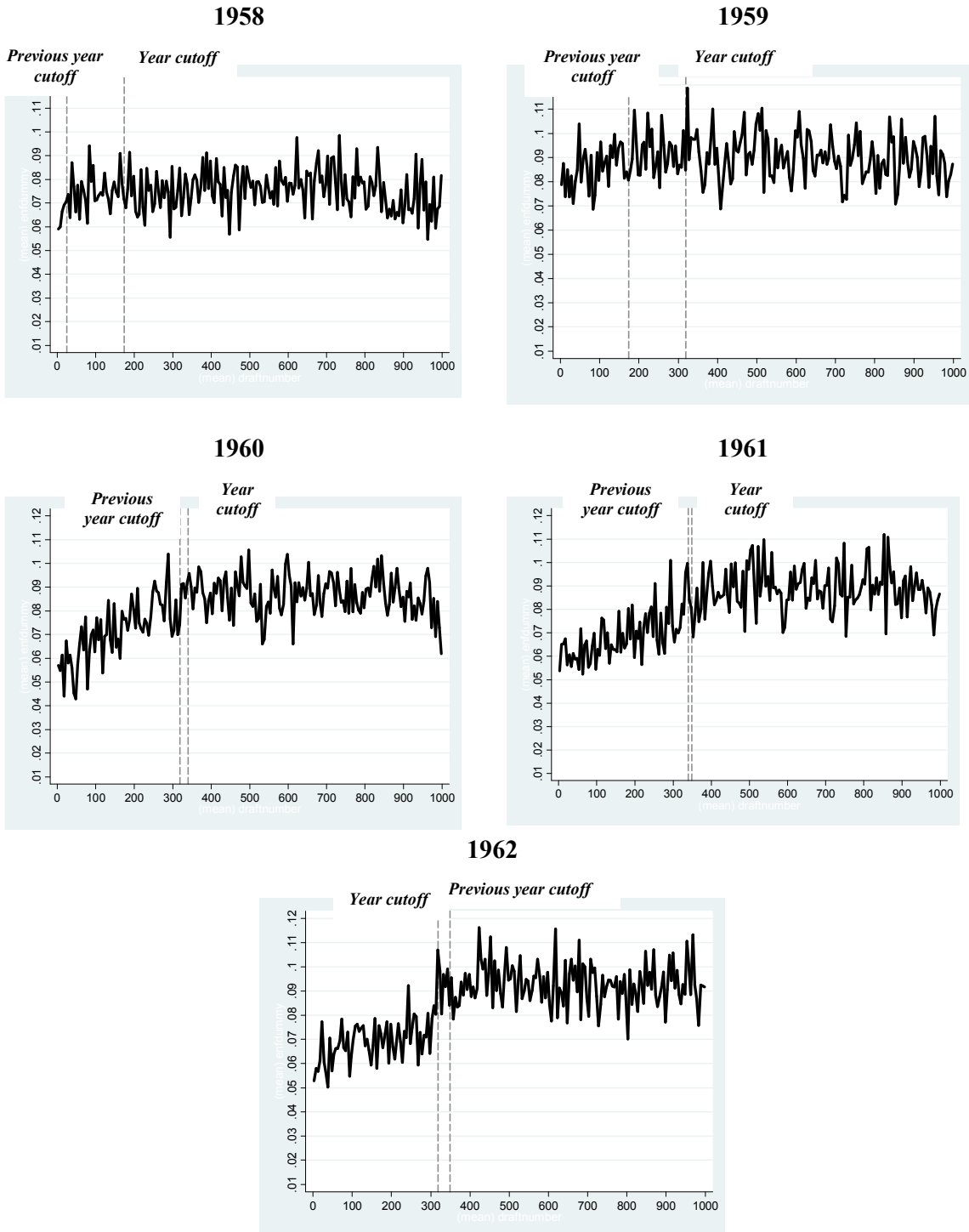
Notes: Robust standard errors are shown in parentheses. The level of observation is the cohort-ID number combination. All models include cohort dummies. The model in column (2) includes controls for origin (naturalized or indigenous) and district (the country is divided in 24 districts). % Change is calculated as 100*Estimate/mean crime rate of draft-ineligible men. ***Significant at the 1% level.

Table A.5 - Estimates of the impact of conscription on crime rates

<i>Cohorts</i>	<i>Dependent Variable: Crime Rate</i>			
	<i>1958-62 (1)</i>	<i>1958-62 (2)</i>	<i>1929-65 (3)</i>	<i>1958-65 (4)</i>
Draft Eligible			0.0007** (0.0003)	0.0016** (0.0008)
Conscription	0.0039*** (0.0015)	0.0044*** (0.0015)		
Eligible for Navy	0.0008 (0.0010)	0.0010 (0.0010)	0.0009** (0.0004)	0.0015* (0.0008)
Draft Number	-1.93e-06 (1.87e-06)	-2.54e-06 (1.86e-06)	-4.25e-07 (4.91e-07)	-1.33e-06 (1.46e-06)
Controls	No	Yes	No	No
Observations	5,000	5,000	34,904	7,928
Method	2SLS	2SLS	OLS	OLS

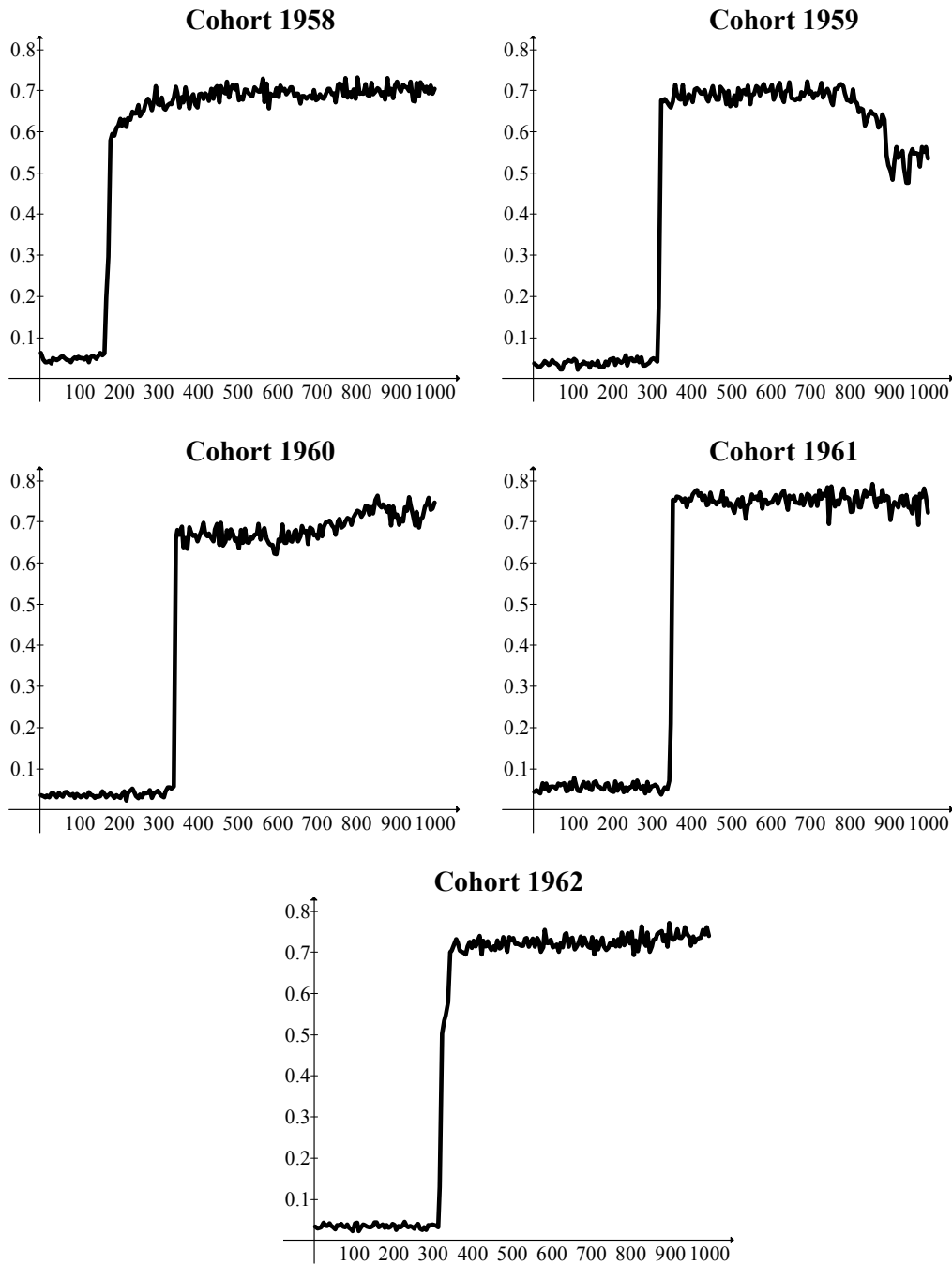
Notes: Robust standard errors are shown in parentheses. The level of observation is the cohort-ID number combination. All models include cohort dummies. The model in columns (2) includes controls for origin (naturalized or indigenous) and district (the country is divided in 24 districts). In 2SLS models the instrument for *Conscription* is *Draft Eligible*. * Significant at the 10% level. **Significant at the 5% level. ***Significant at the 1% level.

Figure A.1 - Failure rate of medical examination as a function of lottery draft number by cohort



Notes: The vertical axis is the percent failures in medical examinations by cohort. In order to smooth out fluctuations, we placed the 1,000 lottery numbers in 200 groups of five numbers (1 to 5 in the first one, 6 to 10 in the second one, and so on) and calculated the average within each of the groups.

Figure A.2 - The relation between the conditional probability of serving in the military and draft lottery numbers for the cohorts of 1958 to 1962



Note: In order to smooth out fluctuations, we placed the 1,000 lottery numbers in 200 groups of five numbers (1 to 5 in the first one, 6 to 10 in the second one, and so on) and calculated the average within each of the groups.

Figure A.3 - Crime rates by eligibility status for the cohorts 1958-62

