

Table A1. The “Impact” of Perceived Certainty on Past Criminal Behavior

Study	Sample	Sample Type	Analysis	#IV	INF	Certainty	Crime Type	Findings
Grasmick & Milligan (1976)	187 adults, Midwest City Adults 25 and under Adults over 25	Probability	OLS	5	No	CBP-Others	Speeding	-, p<.001 -, p=? -, p=?
Silberman (1976)	174 students, small private university	Non Prob.	OLS	4	No	CBP-Self	Multiple	-, p=?
Erickson et al (1977)	1,700 high school students in AZ Sample in Metropolitan Areas Sample in Small Towns	Non Prob.	OLS	4	No	Arrest-Others Incar.-Others Arrest- Others Incar.- Others Arrest- Others Incar.- Others	Composite	N.S. N.S. N.S. N.S. N.S. N.S.
Meier & Johnson (1977)	632 adults, Chicago	Non Prob.	OLS	16	Yes	Caught-Others Knowledge-Self	Marijuana Marijuana	-, p= ? -, p=?
Minor (1977)	274 adults, Florida	Probability	OLS	3	No	CBP-Self	Multiple	-, p=?
Mason & Calvin (1978)	800 adults, Oregon county	Probability	Discriminant	5	No	Caught-Self	Tax Cheating	-, p<.05
Minor (1978)	274 adults, Florida	Probability	OLS	6	No	Unclear	Multiple	-, p= ?
Akers et al. (1979)	2,414 students in grades 7-12, Midwest	Non Prob.	OLS	15	Yes	CBP-Self	Marijuana Alcohol Use	-, p= ? -, p= ?
Grasmick & Green (1980)	390 adults, Southwest city	Probability	OLS	3	Yes	CxS-Self	Multiple	-, p< .001
Jacob (1980)	176 residents, Illinois	Probability	OLS	6	Yes	Caught-Others	Traffic Crime Marijuana	-, p=.64 -, p= .75
Grasmick & Green (1981)	390 adults, Polk City	Probability	OLS	7	Yes	Arrest-Self CxS-Self	Multiple Multiple	+, p> .05 -, p< .05
Jensen & Stitt (1982)	3,000 HS students, Arizona	Non Prob.	OLS	3	No	Caught-Self	Truancy Vandalism Shoplift Burglary Alcohol Use Marijuana Serious Drugs	-, p< .01 -, p< .01 -, p< .01 -, p> .05 -, p< .01 -, p< .01 -, p< .01

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Rankin & Wells (1982)	1395 people, 40 U.S. counties	Probability	Logit	9	No	CBP-Others	Theft	-, p< .05
							False ID	-, p< .05
							Truancy	-, p< .05
							Fraud	-, p< .05
							Marijuana	-, p< .05
							Alcohol Use	-, p< .05
							Drug Use	-, p< .05
							Vandalism	-, p< .05
							Auto Theft	-, p< .05
							Trespass	-, p< .05
							Battery	-, p< .05
							Trespass	-, p> .05
							CBP-Self	
Assault	-, p> .05							
Run Away	-, p> .05							
Grasmick et al. (1983)	353 adults, Polk directory	Probability	OLS	5	Yes	Caught-Self	Multiple	-, p< .001
Hollinger & Clark (1983)	9,175 employees, 3 Midwest states	Probability	WLS	4	No	Caught-Self	Theft	-, p= ?
Pestello (1984)	271 HS students, Midwest	Non Prob.	Path	15	No	Caught-Self	Multiple	-, p> .05
						Caught-Others		-, p> .05
Williams (1985)	899 drivers, Texas	Non Prob.	OLS	14	No	Arrest-Other	Marijuana	-, p< .05
						CBP-Other		+, p> .05
Berger & Snortum (1986)	758 drivers, U.S., 1983	Probability	Path	7	No	Arrest-Self	DUI	?, p> .05
						Knowledge		?, p> .05
Paternoster & Iovanni (1986)	1173 HS students, Southeast	Non Prob.	OLS	2	No	CBP-Self	Multiple	-, p< .01
				3		CxS-Self		+, p> .05
Blewitt et al. (1987)	344 fishermen, Canada	Non Prob.	OLS	12	No	Arrest –Other	Fishing Violations	-, p> .05
						Convicted- Other		-, p< .05
Smith (1990)	1,569 taxpayers, U.S.	Unclear	OLS	9	No	Caught-Other	Tax Cheating	-, p< .001
Braithwaite & Makkai (1991)	277 nursing home execs., Australia	Probability	OLS	25	No	CBP-Self	Corporate	+, p> .05
						Convicted-Self		+, p> .05
						CxS-Self		-, p> .05
Furlong (1991)	211 fishermen, Quebec, 1985	Non Prob.	Tobit	20	No	Caught-Self	Illegal Fishing	-, p< .01
						Prosecuted-Self		-, p> .05

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						Convicted-Self		-, p< .01
Kinsey (1992)	1,202 taxpayers, Minnesota, 1988	Probability	OLS	17	Yes	Caught-Self	Tax Cheating	+, p> .05
Sheffrin & Triest (1992)	1,444 taxpayers in U.S., 1987	Probability	OLS	8	No	Caught-Other	Tax Cheating	-, p< .05
Foglia (1997)	298 HS students, Northeast	Non Prob.	OLS	9	Yes	Arrest-Self	Marijuana	?, p> .05
							Alcohol Use	?, p> .05
							Theft	?, p> .05
							Assault	?, p> .05
							Multiple	?, p> .05
Baron & Kennedy (1998)	125 males, Edmonton	Non Prob.	OLS	13	Yes	CBP-Self	Building Burglary	-, p< .05
							Car Burglary	-, p> .05
							Battery	+, p< .05
						CxS-Self	Building Burglary	+, p< .05
							Car Burglary	+, p< .05
							Battery	-, p> .10
Grosvenor et al. (1999)	8,909 HS students, Minnesota	Non Prob.	OLS	6	No	CBP-Self	DUI	+, p=.14
Hatcher et al (2000)	68 fishing captains, UK, 1997-98	Probability	Probit	15	Yes	Caught-Self	Illegal Fishing	-, p< .05
Pogarsky & Piquero (2003)	253 college students, Southwest	Non Prob.	OLS	10	No	C BP-Self	DUI- Friends	-, p> .05
							DUI-Self	-, p< .05
Wenzel (2004)	1,406 taxpayers in Australia in 1999	Probability	OLS	17	No	Caught- Self	Tax Fraud	-, p< .01
Lochner (2005)	4,621 males age 12-16, 1997-2000	Unclear	OLS	9	No	Arrest-Self	Auto Theft	-, p< .05
						Arrest-Other		-, p< .05
	918 males age 11-17, 1976	Unclear	OLS	11	No	Arrest-Other	Theft < \$5	-, p< .05
							Theft > \$50	-, p< .05
							Burglary	-, p< .05
							Battery	-, p< .05
Freeman et al. (2006)	166 drunk drivers, Australia	Non Prob.	Ordinal	1	No	Caught-Self	DUI	-, p< .05
Freeman & Watson (2006)	166 drunk drivers, Australia	Non Prob	Ordinal	6	No	Caught- Self	DUI	-, p< .01
Yu et al (2006)	433 people in New York	Non Prob.	OLS	13	No	Caught-Other	DUI	-, p> .05
							Drugged Driving	-, p> .05
Young & Zhang (2007)	127 adult hackers in U.S.	Non. Prob.	Logistic	6	Yes	Caught-Self	Hacking	-, p< .001
Akpalu (2008)	298 fishing boat captains, Ghana	Probability	OLS	11	No	Caught-Self	Illegal Fishing	-, p< .01
						Fined- Self		-, p< .01
Ozbay (2008)	400 male university students, Turkey	Non Prob.	OLS	19	Yes	CBP-Self	Multiple Crime	+, p> .05
	378 female university students, Turkey							+, p > .05

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Ashby et al (2009)	511 taxpayers in Australia, 2000-2001	Non Prob.	Logistic	9	Yes	Caught- Self	Tax Cheating	-, p< .01
Beck et al (2009)	505 drivers in Maryland, 2004-08	Non Prob.	Logistic	11	No	Caught+Pros-Self	Speeding	-, p< .05
Eggert & Lokina (2009)	459 fishermen in Africa, 2003	Non Prob.	OLS	22	Yes	Caught-Self	Illegal Fishing	-, p> .05
						Arrested-Self		-, p> .05
						Prosecuted-Self		-, p> .05
						Convicted-Self		-, p> .05
Gunter (2009)	513 college students in Mid Atlantic	Non. Prob.	Ordinal	14	No	Punished-Other	Music Piracy	+, p> .05
	513 college students in Mid Atlantic	Non. Prob.	Ordinal	14	No	Punished-Other	Software Piracy	-, p> .05
	513 college students in Mid Atlantic	Non. Prob.	Ordinal	14	No	Punished-Other	Movie Piracy	+, p< .01
Li & Nergadze (2009)	306 college students in the South	Non. Prob.	OLS	4	Yes	Caught&Pun.-Self	Illeg. File Sharing	-, p< .01
Zhang et al (2009)	207 college students in South, 2006.	Non Prob.	OLS	9	No	Caught-Self	Digital Piracy	-, p= .009
Gallupe & Baron (2010)	300 youth in Toronto, 2005-2006	Non Prob.	OLS	18	No	Caught-Self	Hard Drug Use	-, p< .01
							Soft Drug Use	-, p< .01
Pauwels et al (2011)	843 adolescents, 11 to 18 in Netherlands	Non Prob.	Tobit	5	Yes	Caught+pun.-self	Multiple	-, p< .001
Verboon & Dijke (2011)	469 Dutch Employees	Non Prob.	OLS	6	No	Caught-Self	Tax Fraud	-, p< .001
Kartas & Goode (2012)	285 adults in unknown area,	Non Prob.	Correl.	1	No	C+S-self	Software Piracy	-, p< .05
Hirtenlehner et al (2013)	2,911 youth in Austria, 2011	Non Prob.	OLS	7	No	Caught-Self	Property	+, p< .05
	1,224 youth in Belgium, 2009							-, p< .01
	409 youth in Slovenia, 2011	Probability						-, p< .01
Saridakis (2013)	1,686 youths and adults, Eng. & Wales	Non Prob.	Probit	36	Yes	Caught-Self	Shoplifting	-, p> .05
	Sample of Males							+, p< .05
	Sample of Females							-, p> .05
Strange & Peterson (2013)	120 Men in U.S.	Non Prob.	Logistic	1	No	Composite-Self	Rape	-, p> .05
Saridakis & Sookram (2014)	10,079 people in Eng. & Wales, 2003	Non Prob.	Probit	50	Yes	Arrest-Self	Battery	-, p> .05
	Sample of Males							-, p> .05
	Sample of Females							+, p> .05
Svensson (2015)	891 adolescents, Sweden, 2005	Non Prob.	OLS	10	Yes	Caught-Self	Multiple	-, p< .001

Clarification of Commonly Used Abbreviations in Table 1

Column Headings

#IV- Number of Independent Variables in the Analysis

INF- Did the Study Control For Informal Sanctions?

Certainty- All measures represent respondents' perceived likelihood that a type criminal justice contact will occur. The most commonly used abbreviations in Table 1 are listed below. Thus, CBP represents the respondent's perceived likelihood that they would be caught by police if they committed a crime. The "self" or "other" feature denotes whether the perceived certainty was for the respondents themselves or others. Some researchers asked respondents the chances that they themselves would be caught (self) if committing the crime, while others asked respondents the chances that others would be caught if they committed the crime.

Abbreviations Located Under Column Headings

CBP- Caught By Police

Caught+pros.-Caught and Prosecuted

Caught+Pun.- Caught and Punished

Correl- Correlation Coefficient

C+S- Certainty added to Severity

CxS- Certainty Multiplied with Certainty

Eng. & Wales- England and Wales

HS Students- High School Students

Incar- Incarcerated

Illeg. File Sharing- Illegal File Sharing

Knowledge - How Well Respondent Predicted the Actual Amount of Certainty of Punishment.

Multiple- Multiple Crimes Combined into one Measure

Non Prob.- Non Probability

OLS- Ordinary Least Squares Regression

Path- Path Analysis