

Table A9. The Impact of Miscellaneous Experienced Sanctions on Later Criminal Behavior.

Study	Sample	Sample Type	Analysis	#IV	INF	Prior Crime	Sanction	Crime Type	Findings
Meade (1974)	500 juvenile offenders, Southeast	Probability	Correl.	1	No	No	Received Formal Hearing?	Future Hearings	+, p< .05
Phillpotts & Lancucki (1980)	4,425 male offenders, England, 1971	Non Prob.	Descriptive	1	No	No	# of Convictions	Reconviction	+, p = ?
	575 female offenders, England, 1971								+, p = ?
Myers (1983)	2,127 released federal prisoners	Non Prob.	Logistic	18	No	Yes	# of Convictions	Rearrest	+, p< .05
	black prisoners								+, p< .05
	white prisoners								+, p> .05
Paternoster et al. (1985)	300 college students, South	Probability	OLS	12	Yes	No	Multiple sanctions	Theft<\$10	+, p> .05
								Marijuana	-, p> .05
								Bad Checks	+, p> .05
Klein (1986)	306 juvenile offenders.	Non Prob.	Descriptive	1	No	No	Referred to Court vs. Released?	Arrests	+, p< .05
Palamara et al. (1986)	437 youth, NY	Non Prob.	MANCOVA	1	No	No	Police Record?	Delinquency	+, p< .001
Petersilia & Turner (1986)	1,000 offenders, CA	Non Prob.	Logistic	20	No	No	# of Prior Convictions	Rearrest	-, p> .05
								Reconviction	+, p> .05
				22			# of Prior Prison Terms	Rearrest	+, p> .05
				20				Reconviction	+, p> .05
Piliavin et al. (1986)	1,497 adult & juvenile offenders, U.S.	Non Prob.	MLE	21	No	Yes	Convictions for Past Crimes	Mult. Property	+, p> .05
	974 adult offender, U.S.								+, p> .05
	861 HS dropouts ages 17-20								+, p< .05
Ray & Downs (1986)	Teenagers ages 13-17	Non Prob.	OLS	7	Yes	No	Formally Processed?	Drug Use	+, p< .05
Blewitt et al. (1987)	344 fishermen, Canada	Non Prob.	OLS	12	No	No	Prior Conviction?	Fishing Violations	-, p< .05
White et al. (1987)	882 adolescents, NJ	Non Prob.	Descriptive	1	No	No	In Correctional System?	Drug Use	N.S.
Beron (1988)	302 men paying child support, Michigan	Probability	OLS	16	No	Yes	Appearance before Judge? Yes or No	Neglect of Payment	-, p> .05
							# of App. before Judge		-, p> .05
Speckart et al. (1989)	297 parolees, CA	Non Prob.	MLE	4	No	No	% Time Supervised on Probation	Drug Use	-, p< .05
								Multiple	-, p< .05
							Contacts per Month on Probation	Drug Use	-, p> .05
								Multiple	-, p> .05
Trumbull (1989)	1310 offenders, North Carolina	Non Prob.	Tobit	20	No	No	# of Prior Convictions	Rearrest	+, p< .01
Haque (1990)	11,691 drivers, Victoria, Australia	Non Prob.	Descriptive	1	No	No	# of Points	Speeding	-, p = ?

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Schmidt & Garner (1990)	2,268 released federal offenders, 1978	CE	Descriptive	1	No	No	# of Prior Convictions # of Prior Prison Commitments # of Prior Convictions # of Prior Prison Commitments	Rearrest Reimprisonment	+ , p= ? + , p= ? + , p= ? + , p= ?
Smith & Paternoster (1990)	2,716 juvenile offenders, FL	Non Prob.	Probit	21	No	Yes	Referred to Juvenile Court?	# of Future Referrals	- , p> .05
Cohen et al. (1991)	202 felony offenders, Israel	CE	Discriminant	7	No	No	Prior Contacts with Probation # of Convictions	Arrest	+ , p< .001 + , p< .001
Erard (1991)	7,233 taxpayers, U.S., 1982 6,414 taxpayers, U.S., 1985	Probability	Tobit	12	No	No	Prior Audit?	Tax Cheating	+ , p> .05 + , p> .05
Gordon & Glaser (1991)	824 offenders in CA	Non Prob.	Logistic	14	No	Yes	Prior Convictions?	Rearrest	+ , p< .05
Mackenzie (1991)	273 offenders, Louisiana, 1987-1989	Non Prob.	Survival	7	No	Yes	# of Prior Incarcerations	Probation Violation Arrested?	+ , p< .05 + , p> .05
Mann et al. (1991)	2045 first time DUI offenders, Ont, 1976-79 192 multiple DUI offenders, Ont, 1976-79 2045 first time DUI offenders, Ont, 1976-79 192 multiple DUI offenders, Ont, 1976-79	CE	OLS	13	No	No	# of Prior Convictions	Reconviction-DUI DUI Accidents	+ , p< .05 + , p> .05 + , p> .05 - , p> .05
Clarke & Harrison (1992)	4,919 offenders, North Carolina	CE	Logistic	28	No	Yes	Intensive Supervision Probation	Rearrest Rearrest-Violent Rearrest-Property Rearrest-Drug Rearrest Rearrest-Violent Rearrest-Property Rearrest-Drug	+ , p< .05 + , p> .05 + , p> .05 + , p> .05 + , p> .05 - , p> .05 - , p> .05 + , p> .05
Erard (1992)	7,468 taxpayers, U.S.	Probability	Tobit	14	No	Yes	Prior Audit?	Tax Fraud	+ , p> .05
Simpson & Koper (1992)	38 corporations, 1928-81 (n=1415)	Non Prob.	Logit	16	No	No	Previous Antitrust violations	Antitrust Violations	+ , p< .001
Mackenzie & Shaw (1993)	353 offenders, Louisiana, 1987-1990	Non Prob.	Survival	6	No	Yes	# of Prior Incarcerations	Arrests- Technical Arrests- Any Crime Prob. Viol. – Technical Prob. Viol.- Any Crime Reconviction- Any	- , p> .05 + , p> .05 - , p> .05 + , p> .05 + , p> .05
Martin et al (1993)	383 DUI offenders in Minneapolis, 1983-84	Non Prob.	2SLS	10	No	Yes	Previous DUI conviction?	DUI-Reconviction	+ , p> .05
Belenko et al. (1994)	3,561 offenders, NYC, 1989	Non Prob.	Logistic	12	No	Yes	Prior misdemeanor conviction?	Recidivism	+ , p< .05

Study	Sample	Sample Type	Analysis	#IV	INF	Prior Crime	Sanction	Crime Type	Findings
Fagan (1994)	6,800 drug offenders, NYC	Non Prob.	ANOVA	1	No	No	Prior drug felony conviction?		-, p< .05
							Given Probation?	Rearrest-Drug Sale	+, p> .05
								Rearrest-Drug Poss	+, p> .05
								Rearrest-Violence	+, p> .05
								Rearrest-Property	+, p> .05
								Rarrest	+, p> .05
							Given Incarceration?	Rearrest-Drug Sale	+, p> .05
								Rearrest-Drug Poss	+, p> .05
								Rearrest-Violence	+, p> .05
								Rearrest-Property	+, p> .05
Kim (1994)	4,398 drug offenders, Florida	Non Prob.	OLS	12	No	Yes	Previous Conviction to Probation?	Recidivism-Any Crime	-, p> .05
							# of Prior Prison Commitments		-, p> .05
Roeger (1994)	442 male offenders, Australia, 1986-1990	Non Prob.	Logistic	16	No	Yes	Prior Imprisonment?	Reimprisonment	+, p< .01
Harer (1995)	865 released federal prisoners, 1987	Non Prob.	Logistic	28	No	Yes	# of Prior Convictions		+, p< .01
							# of Prior Incarcerations	Rearrest	+, p< .01
							# of Prior Convictions	Rearrest	+, p< .01
Paternoster & Piquero (1995)	1422 HS students, Southeast	Non Prob.	MLR	9	No	Yes	Combined Exposure for Any Crime	Multiple Drugs	+, p< .05
Tolman & Weisz (1995)	1,025 dom. violence cases, Illinois	Non Prob.	Logistic	4	No	Yes	Successful Prosecution?	Rearrest	+, p= .53
Yu & Williford (1995)	13,058 DUI offenders, NY, 1990-94	Non Prob.	Correl.	1	No	No	Prior Conviction?	# of Re-tickets-DUI	-, p> .05
Baumer (1997)	1,230 offenders, Island of Bauma	Non Prob.	Logistic	9	No	No	# of Previous Convictions	Reconviction	+, p< .05
								Reimprisonment	+, p< .05
								Rearrest	-, p< .05
Beck & Shipley (1997)	108,580 offenders out of Prison, 1983	CE	Logistic	9	No	Yes	Prior incarceration?	Rearrest	-, p< .05
DeYoung (1997)	27,293 DUI offenders-CA, 1990/91	CE	Ancova	3	No	No	License Suspension?	Reconviction- DUI	+, p< .01
Gopal & Sanders (1997)	123 MBA students, Connecticut	Probability	OLS	4	No	No	Penalties? (yes or no)	Computer Crime	-, p< .05
Jones & Ross (1997)	649 offenders, age 16-25 in North Carolina	Non Prob.	Logistic	34	No	Yes	Fined?	Rearrest	+, p> .05
								Rearrest- Violence	+, p> .05
								Rearrest- Property	-, p> .05
								Rearrest- Drugs	+, p> .05
							Community Service?	Rearrest	-, p< .05
								Rearrest- Violence	-, p> .05
								Rearrest- Property	-, p> .05
	Rearrest- Drugs	-, p> .05							

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							# of prior convictions	Rearrest	-, p> .05
								Rearrest- Violence	-, p> .05
								Rearrest- Property	-, p> .05
								Rearrest- Drugs	+, p> .05
							# of prior probation/parole	Rearrest	-, p< .05
								Rearrest- Violence	-, p> .05
								Rearrest- Property	-, p< .05
								Rearrest- Drugs	-, p> .05
Greenberg & Larkin (1998)	201 heroin users, NY	Non Prob.	OLS	23	No	Yes	Incarcerated?	Robbery	-, p> .05
							# of past incarcerations		+, p> .05
Odegard & Amundsen (1998)	1,905 offenders, Norway	Non Prob.	Tobit	6	No	Yes	# of Convictions	Re-convictions	+, p< .000
Piquero & Paternoster (1998)	1,686 drivers ages 16 and over	Probability	MLR	11	Yes	Yes	Multiple DUI-Peers	DUI	+, p< .05
	826 male drivers								+, p> .05
	860 female drivers								+, p< .05
Taxman & Piquero (1998)	3,671 drunk drivers, 1985-1993	Probability	CPH	15	No	Yes	# of Prior Traffic Convictions	DUI	+, p< .05
							Guilty Disposition?		+, p> .10
							License Restriction?		-, p> .10
							Jail Sentence?		+, p> .10
							Unsupervised Probation?		+, p> .10
							Supervised Probation?		+, p> .10
							Intensive Supervision?		-, p> .10
							Fine?		+, p> .10
Thistlethwaite et al. (1998)	683 dom. violence offenders, Cincinnati-OH	Non Prob.	Logit	14	No	Yes	Prosecuted and Convicted?	Rearrest	+, p> .05
Maxwell & Gray (2000)	516 drug offenders in New Jersey, 1989-90	Non Prob.	Cox Reg.	15	No	Yes	Prior Conviction?	Program Failure	+, p> .05
Olson & Lurigio (2000)	2438 adult probationers in Illinois, 1997	Non Prob.	Logistic	11	No	Yes	Prior Conviction?	Probation Revocation	+, p< .001
								Rearrest	+, p< .001
Ulmer (2001)	516 offenders, Indiana	Non Prob.	Logistic	26	No	Yes	# of Prior Arrests	Rearrest	-, p> .05
Finn & Muirhead (2002)	286 violent parolees in Georgia	Non Prob.	Logistic	13	No	Yes	EM vs. Non-EM	Recommitted to Prison	+, p> .05
	sex offenders								+, p> .05
Mackenzie & Li (2002)	125 probationers, Virginia	Non Prob.	Logistic	28	No	Yes	Probation-Any Crime	Drug Dealing	-, p< .01
								Multiple	-, p< .01
Pogarsky (2002)	412 college students, Unknown Area	Non Prob.	Tobit	11	Yes	Yes	Convicted in Past for DUI?	DUI	+, p> .05

Study	Sample	Sample Type	Analysis	#IV	INF	Crime	Sanction	Crime Type	Findings
Spohn & Holleran (2002)	1,530 offenders, Missouri	Non Prob.	Logistic	9	No	Yes	# of Convictions	Any Crime	+, p< .05
Stewart et al. (2002)	407 teens, IA	Non Prob.	Path	6	No	Yes	Composite of contacts with system	Multiple Crime	+, < .01
Bernburg & Krohn (2003)	529 7th & 8th graders, NY	Probability	Poisson	10	No	Yes	Juvenile Contacts	Mult. Serious Crime	+, p> .05
								Multiple Crime	+, p> .05
								Drug Sales	+, p< .01
Uggen & Thompson (2003)	2,268 addicts/youth dropouts, U.S.	Non Prob.	OLS	17	No	Yes	Been in prison for any crime?	Illegal Earnings	-, p< .01
Ventura & Davis (2005)	519 domestic violence cases	Probability	Logit	8	No	Yes	Conviction?	Rearrest- Dom. Violence	-, p< .05
Bernburg et al. (2006)	870 7th & 8th graders, NY	Probability	Logistic	9	No	Yes	Contact with Juvenile Justice System?	Gang Membership	+, p> .05
Freeman, et al. (2006)	166 drunk drivers in Australia	Probability	Ordinal	5	No	Yes	# of past convictions	Forecast of DUI	+, p> .05
								Past DUI	+, p> .05
Holland et al (2007)	3,352 prisoners, Australia, 2002-2005	Non Prob.	Logistic	6	No	No	# of Prior Prison Terms	Reimprisonment	+, p= .000
Lawpoolstri et al (2007)	15,713 speeders in Maryland, 2001-03	CE	Survival	9	No	No	Punished for Speeding?	Speeding	-, p < .05
	9,455 females								-, p< .05
	6,257 males								- , p > .05
Spohn (2007)	1,077 felony offenders in Missouri, 1993	CE	OLS	18	Yes	Yes	# of Convictions	Any Crime	+, p< .05
Wimer et al (2008)	410 men ages 17 to 32 in U.S.	Non Prob.	Poisson	8	No	Yes	Prior Incarceration?	Any Crime	+, p< .001
	52 men age 17-70	.							+, p< .001
Cid (2009)	483 offenders in Barcelona, 1998-2005	Non Prob.	Logistic	3	No	Yes	Prior Imprisonment?	Reimprisonment	+, p=.000
DeBeck et al (2009)	1,603 drug offenders in Vancouver, 1996-05	Non Prob.	GEE	10	No	Yes	Recent Incarceration?	Multiple Drug Use	-, p< .05
McGrath (2009)	193 adolescents in Wales	Non Prob.	Survival	7	Yes	No	# of Convictions	Any Crime	+, p= .001
Shaffer et al (2009)	171 female offenders in Idaho	Non Prob.	Logistic	8	No	No	Probation vs. Drug Court	Rearrest	+, p< .001
Bahr et al (2010)	51 parolees in two large U.S. cities	Non Prob.	Logistic	7	No	Yes	# of Prior Incarcerations	Parole Violation-Any	- , p> .05
Green & Winik (2010)	1,003 drug defendants, D.C., 2002-03	Non Prob.	2SLS	23	No	Yes	Prior Conviction?	Rearrest	+, p> .05
Larney et al (2011)	375 male heroin users, Australia, 1997-06	Non Prob.	Survival	15	No	Yes	# of Prior Incarcerations	Re-incarceration	?, p> .05
Bales & Piquero (2012)	144,416 offenders in Florida, 1994-2002	CE	Logistic	19	No	Yes	# of Prior Prison Terms	Reconviction- Any Crime	-, p< .001
							# of prior convictions		+, p< .001
Brezina & Topali (2012)	700 male Prisoners in Nebraska	Non. Prob.	Logistic	12	No	Yes	# of Prior Prison Terms	Forecast-Any Crime	+, p< .05
							# of Prior Jail Terms		- , p > .05
Steiner et al (2012)	1,244 parole violators, Ohio, 2003-05	Probability	MLR	17	No	Yes	Incarcerated?	Rearrest- Felony	+, p< .05
Bell et al (2013)	104 dom. violence victims in Mid Atlantic	Non Prob.	MLM	3	No	Yes	Prior Conviction?	Domestic Violence	- , p> .05
Crank & Brezina (2013)	895 inmates in Colorado, 1998-99	Non Prob.	Logistic	9	No	Yes	# of Prior Prison Terms	Forecast- Any Crime	+, p> .05
Loeffler (2013)	20,297 felony cases in Illinois, 2000-2008	Non Prob.	2SLS	8	No	Yes	# of Prior Convictions	Rearrest- Felony	+, p< .05
Siren & Savolainen (2013)	1,054 offenders in Finland, 1996+2000	Non Prob.	Cox Model	27	Yes	Yes	# of Fines	Any Crime	+, p> .05

Study	Sample	Sample Type	Analysis	#IV	INF	Crime	Sanction	Crime Type	Findings
Georgiou (2014)	47,154 offenders in Washington, 2000-2004	Non Prob.	OLS	15	No	Yes	# of Convictions Prior Adjudication? Prior Imprisonment?	Reconviction-Any Crime	+, p> .05 +, p< .001 -, p> .05
Saridakis & Sookram (2014)	10,079 people in Eng. & Wales, 2003	Non Prob.	Probit	50	Yes	Yes	Prior Incarceration?	Battery	-, p> .05
Klement (2015)	1,602 offenders in Denmark, 2005-2009	Non Prob.	Logistic	24	No	Yes	# of Prior Convictions	Reconviction- Any Crime	+, p< .001
Lee & Teske (2015)	370 Probationers in Texas, 2002-10	Non Prob.	History	13	No	Yes	# of Prior Convictions	Probation Violation	+, p< .001
Wodahl et al (2015)	859 Offenders, Wyoming, 2000-03	Probability	Logistic	12	No	Yes	Prior Conviction?	Probation Violation	+, p> .05

Clarification of Commonly Used Abbreviations in Table 9

Column Headings

#IV- Number of Independent Variables in the Analysis

INF- Did the Study Control For Informal Sanctions?

Sanction- All measures represent respondents' experienced punishment for a crime or crimes they committed. When a sanction is experienced vicariously it is listed within the measure. For instance, when an experienced sanction is only through one's peers the measure is listed specifically for the respondents' peers. When a sanction has "vs." it means that one sanction is compared with one or more sanctions. The first one listed should be translated. For instance, if electronic monitoring is listed first, a negative sign would mean the those receiving electronic monitoring are less likely to commit crime than the group in comparison.

Abbreviations Located Under Column Headings

- CA- California
- CE- Complete Enumeration
- CPH- Cox Proportional Hazards Regression
- Cox- Cox Regression
- Delin.- Delinquents
- Dom. Violence- Domestic Violence
- Drug Poss.- Drug Possession
- Eng.- England
- Fl.- Florida
- GEE- Generalized Estimating equations
- HS- High School
- Hypothetical Incapacitation- Study Used Formula to Estimate Recidivism Difference if Offenders Would Have Received Incapacitation.
- IA- Iowa
- MLM- Multilevel Modeling
- MLR- Maximum Likelihood Factor Analysis

MANCOVA- Multivariate Analysis of Variance
Multiple- Multiple Sanctions Combined
MWUT- Mann Whitney U Test
NJ- New Jersey
Non Prob.- Non Probability
NY- New York
NYC- New York City
Ont.- Ontario
Ordinal- Ordinal Regression
OLS- Ordinary Least Squares Regression
Path- Path Analysis
Rearrest- Rearrest is for any crime unless stated otherwise

Citation

Finn and Muirhead. 2002 in table refers to the study Finn and Muirhead-Steves. 2002.