

733 individuals sentenced to probation or jail (no prior record)		+, p>.05
2,119 individuals sentenced to probation or jail (prior record)		+, p<.001
307 individuals sentenced to probation or jail	Violent	+, p<.001
1,577 individuals sentenced to probation or jail	Property	+, p<.001
355 individuals sentenced to probation or jail	Drug	+, p>.05

STUDY	SAMPLE	POP	CRIMINAL HISTORY CONTROL	STATS	FOLLOW-UP PERIOD	ORIGINAL OFFENSE	OFFICIAL SANCTION	RECIDIVISM MEASURE	FINDINGS		
Gold (1970)	522 13-16 year olds	Juvenile	Matched on # prior offenses	Descriptive	3 years	Any	Police apprehension	Self-report # subsequent offenses	+, p=.02		
Thornberry (1971)	9,945 boys	Juvenile	Examines separately by # dispositions	Descriptive	?	Any	Incarceration v. arrest	Arrest	?, varies by # previous dispositions		
Babst, Koval & Neithercutt (1972)	7,245 paroled males	Adult	None	Descriptive	1 year	Burglary	Time served	Unfavorable parole outcome	-, p>.05		
Jaman, Dickover & Bennett (1972)	150 male felons released from prison	Adult	Matched on # prior offenses	Descriptive	6 months	Robbery	Above v. below median sentence length	Unfavorable parole outcome	+, p= n.s.		
					1 year				+, p<.05		
					2 years				+, p<.05		
					6 months	Burglary			-, p= n.s.		
Gottfredson, Neithercutt, Nuffield & O'Leary (1973)	2,482 paroled males with no prior record	Adult	None	Descriptive	1 year	Forgery or fraudulent check use	Time served (months)	Unfavorable parole outcome	+, p=?		
	8,493 paroled males with a prior record								+, p=?		
	15,513 paroled males with no prior record					Property			+, p=?		

	44,689 paroled males with a prior record								+, p=?
	10,322 paroled males with no prior record					Violent			+, p=?
	20,586 paroled males with a prior record								+, p=?
	1,051 paroled males with no prior record					Drugs			-, p=?
	3,916 paroled males with a prior record								-, p=?
Meade (1974)	438 first-time delinquent offenders	Juvenile	Included only those with no prior record	Coleman technique	18 months	Any	Juvenile court appearance	Subsequent juvenile court appearance	+, p<.05
Babst, Moseley, Schmeidler, Neithercutt & Koval (1976)	929 paroled males	Adult	None	Descriptive	2 years	Drugs	Time served	Unfavorable parole	-, p<.01
Bartell & Winfree (1977)	100 convicted burglars	Adult	# prior arrests, convictions, incarcerations	OLS	4 years maximum	Burglary	Incarceration	Rearrest	-, p=?
								Conviction	+, p=?
Gottfredson, Gottfredson & Garofalo (1977)	5,346 paroled males	Adult	None	Descriptive	1 year	Any	Time served	Parole failure	+, p>.05

STUDY	SAMPLE	POP	CRIMINAL HISTORY CONTROL	STATS	FOLLOW-UP PERIOD	ORIGINAL OFFENSE	OFFICIAL SANCTION	RECIDIVISM MEASURE	FINDINGS
Waldron & Angelino (1977)	281 released male felons	Adult	None	Descriptive	4 1/2 years	Any	Time served (< 4 months v. > 4 months)	Rearrest	-, p=.271
	111 released female felons							Reconviction Reincarceration Rearrest	-, p=.196 +, p=.349 -, p=.338
Klemke (1978)	188 shoplifters in high school	Juvenile	None	Descriptive	up to 10 years	Shoplifting	Police apprehension	Self-reported subsequent involvement	+, p<.20
Wheeler (1978)	94 institutionalized females	Juvenile	None	Descriptive	?	Any	Time served	Parole violation	+, p=n.s.
	353 institutionalized males								+, p=.003
Horwitz & Wasserman (1979)	474 arrested 14 and 15 year olds	Juvenile	# previous arrests	SEM	2 years	Any	Institutionalization	# subsequent arrests	+, p=?
	142 males w/ 1-3 prior arrests			Descriptive					-, p=.0323
	121 males w/ 4+ prior arrests								+, p=.1657
	63 arrested females		None						-, p=.025
Phillips, McCleary & Dinitz (1983)	210 youths w/ 1+ period of incarceration	Juvenile	None	Descriptive	18 month average	Any	Length of incarceration	Arrest	+, p=?

Sherman & Berk (1984) (experimental)	314 male domestic violence suspects	Adult	Random assignment	OLS	6 months	Domestic violence	Arrest	Police report	- , p=.013
				Logit Survival					- , p=.013 - , p=.012
Thomas & Bishop (1984)	2,147 students	Juvenile	Self-report scale	OLS	9 months	Any	Police contact	Self-report scale	+ , p=?
	716 students w/ 0-1 prior offenses								+ , p=?
	637 students w/ 2-3 prior offenses								+ , p=?
	794 students w/ 4+ prior offenses								+ , p=?

STUDY	SAMPLE	POP	CRIMINAL HISTORY CONTROL	STATS	FOLLOW-UP PERIOD	ORIGINAL OFFENSE	OFFICIAL SANCTION	RECIDIVISM MEASURE	FINDINGS		
Berk & Newton (1985)	783 male domestic violence suspects	Adult	Previous convictions (y/n)	Logit	?	Domestic violence	Arrest	Police report	-, p=.003		
				Survival					-, p=.002		
Klein (1986) (experimental)	306 referable juveniles	Juvenile	Random assignment	Descriptive	6 months	Any	Juvenile court petition v. release	Rearrest	+, p<.05		
					15 months				+, p<.01		
					27 months				+, p<.05		
Palamara, Cullen & Gersten (1986)	437 youths aged 10-18	Juvenile	Self-report scale	MANCOVA	5 years	Any	Police record	Self-report scale	+, p<.001		
Petersilia & Turner (1986)	1,000 convicted males	Adult	# convictions, prior prison terms, jail terms, probation terms	Logit	2 years	Any	Prison v. probation	Arrest	+, p=.095		
	319 convicted males								Violent	Charge filed	+, p=.001
										Conviction	+, p=.006
	429 convicted males								Property	Arrest	+, p=.348
										Charge filed	+, p=.322
	255 convicted males								Drug	Conviction	+, p=.167
										Arrest	+, p=.203
Charge filed		+, p=.001									
		Conviction	+, p=.006								
		Arrest	+, p=.269								
		Charge filed	+, p=.06								
		Conviction	+, p=.062								

	506 males sentenced to prison					Any	Months served in prison	Arrest	-, p=.006
	160 males sentenced to prison					Violent		Charge filed Conviction Arrest	-, p=.0002 -, p=.0001 -, p=.178
	216 males sentenced to prison					Property		Charge filed Conviction Arrest	-, p=.043 -, p=.027 -, p=.061
	130 males sentenced to prison					Drug		Charge filed Conviction Arrest	-, p=.152 -, p=.088 -, p=.033
								Charge filed Conviction	-, p=.005 -, p=.006
Orsagh & Chen (1988)	1,425 male offenders	Adult	# prior arrests	Logit	2 years	Any	Length of incarceration	Arrest	+, p=.002
	148 male robbery offenders			OLS		Robbery			+, p=.003 +, p=.001
	422 male burglary offenders					Burglary			-, p=.492

STUDY	SAMPLE	POP	CRIMINAL HISTORY CONTROL	STATS	FOLLOW-UP PERIOD	ORIGINAL OFFENSE	OFFICIAL SANCTION	RECIDIVISM MEASURE	FINDINGS
Wheeler & Hissong (1988)	329 first time drunk driving convicts	Adult	None	Descriptive	3 years	Drunk driving	Jail v. probation or fine	Reconviction	- , p=ns
	68 drunk driving convicts (at least one prior DWI conviction)								+ , p=ns
Wooldredge (1988)	333 juvenile offenders	Juvenile	Prior misdemeanor or felony (y/n)	Logit	3-7 years	Any	> 1 month detention v. case dismissed	Rearrest	- , p=.0016
Beck & Shipley (1989)	55,263 released prisoners	Adult	None	Descriptive	3 years	Any	Time served in prison (6 months-61 months and greater)	Rearrest	- , p=?
Smith & Gartin (1989)	325 males with 1 police contact	Both	None	Tobit	10 years	Any	Arrest	# future police contacts	- , p=.0206
	219 males with 2 police contacts								- , p=.0118
	151 males with 3 police contacts								- , p=.1956
	105 males with 4 police contacts								- , p=.05
	85 males with 5 police contacts								- , p=.0098
68 males with 6 police contacts	- , p=.3235								

Dunford, Huizinga & Elliott (1990) (experimental)	330 domestic violence suspects	Adult	None	Descriptive	6 months	Domestic violence	Arrest	Arrest	+, p=.584
Rasmussen, Benson, Kim & Zuelke (1990)	4,398 convicted offenders	Adult	# prior prison commitments, # prior probations	Survival	1-5 years	Drug	Length of incarceration	Subsequent probation or incarceration	+, p=.1736
Schmidt & Garner (1990)	2,268 individuals released from federal prison	Adult	None	Descriptive	5 years	Any	Length of incarceration	Rearrest	+, p<.10
								Reincarceration	+, p<.01
Smith & Paternoster (1990)	2,716 referred youths	Juvenile	# prior referrals	Probit	20 months (average)	Any	Juvenile court referral	Subsequent referral	-, n.s.
				BCG/Heckman					-, n.s.
				NLSLS					-, n.s.
				Tobit					-, n.s.
				Negative binomial					-, n.s.
Berk, Campbell, Klap & Western (1992) (experimental)	1,658 domestic violence suspects	Adult	Prior arrest (y/n)	Logit	6 months	Domestic Violence	Arrest	Police report/victim report	-, p>.05
Clarke & Harrison (1992)	4,919 offenders released from prison	Adult	# prior arrests	Logit	24.8-27.3 months	Any	Length of incarceration	Rearrest	+, p<.05

STUDY	SAMPLE	POP	CRIMINAL HISTORY CONTROL	STATS	FOLLOW-UP PERIOD	ORIGINAL OFFENSE	OFFICIAL SANCTION	RECIDIVISM MEASURE	FINDINGS
Hirschel, Hutchison & Dean (1992)	650 domestic violence suspects	Adult	None	Descriptive	6 months	Domestic violence	Arrest	Rearrest	-, p>.05
Pate & Hamilton (1992)	907 domestic violence suspects	Adult	Prior assault (y/n)	Logit	6 months	Domestic violence	Arrest	Rearrest	-, p>.05
Sherman, Smith, Schmidt & Rogan (1992)	1,133 domestic violence suspects	Adult	Prior violence (y/n)	Negative binomial regression	6-22 months	Domestic violence	Arrest	Police report	+, p<.05
Smith & Akers (1993)	228 males in community control, 226 males in prison	Adult	Prior felony within last 5 years (y/n)	Logit	5 years	Any	Prison v. community control	Rearrest	-, p=.3515
								Reimprisonment	-, p=.0062
Belenko, Fagan & Dumanovsky (1994)	2,758 offender in fast-track; 3,225 offender in regular processing	Adult	Prior arrest (y/n, offense specific)	Logit	2 years	Any	Jail/prison (y/n)	Rearrest	+, p<.05
				Survival				Sentence length Incarceration v. nonincarceration sanction	-, p<.05 +, p<.05
Fagan (1994)	3,424 cocaine, 3,403 crack arrestees	Adult	Prior arrest rate	ANOVA	1 year	Drug	Incarceration >1yr, Incarceration <1yr, probation, fine, dismissal	Rearrest	-, p>.05
Fagan (1995)	800 juveniles charged with a felony	Juvenile	# prior charges	Survival	4 years	Robbery or burglary	Length of incarceration	Rearrest	-, p=.076

Harer (1995)	865 federal prisoners released during 1987	Adult	# prior convictions, # prior incarcerations, criminal history score	Logit	3 years	Any		Rearrest or parole revocation	+, p>.05
	490 federal prisoners recidivating at least once			OLS			Prison term (months)	Rearrest/parole revocation frequency	-, p<.10
Paternoster & Piquero (1995)	1,422 high school students	Juvenile	# times drugs used	SEM	1 year	Drugs	Juvenile court	Self-reported substance use	+, p<.05
Tolman & Weisz (1995)	588 male domestic violence offenders	Adult	Previous police contact or arrest (y/n)	Logit	18 months	Domestic violence		Subsequent police contact	-, p=.0317
							Arrest		+, p=.5295
							Conviction Arrest	Rearrest	-, p=.7202
							Conviction		+, p=.7146

STUDY	SAMPLE	POP	CRIMINAL HISTORY CONTROL	STATS	FOLLOW-UP PERIOD	ORIGINAL OFFENSE	OFFICIAL SANCTION	RECIDIVISM MEASURE	FINDINGS	
Dejong (1997)	4,505 male arrestees	Adult	# prior arrests	Survival	3 years	Any	Jail sentence (y/n)	Rearrest	+, p=.1446	
							Length of incarceration (days)		-, p=.0012	
							Logit		+, p=.0074	
				Survival			Length of incarceration (days)		+, p=.0446	
							Jail sentence (y/n)		+, p=.0583	
							Length of incarceration (days)		-, p=.0133	
	1,863 male arrestees with at least 1 prior arrest	Adult	# prior arrests	Survival	3 years	Any	Jail sentence (y/n)	Rearrest	+, p=.0583	
							Length of incarceration (days)		-, p=.0133	
							Logit		+, p=.0549	
							Survival		Length of incarceration (days)	+, p=.4168
									Jail sentence (y/n)	+, p=.4325
									Length of incarceration (days)	-, p=.1711
2,642 first time male arrestees	Adult	# prior arrests	Survival	3 years	Any	Jail sentence (y/n)	Rearrest	+, p=.4325		
						Length of incarceration (days)		-, p=.1711		
						Logit		+, p=.0193		
						Survival		Length of incarceration (days)	+, p=.0736	
								Jail sentence (y/n)	+, p=.0736	
								Length of incarceration (days)	+, p=.0736	

Davis, Smith & Nickles (1998)	1,133 male domestic violence arrestees	Adult	# misdemeanor convictions, # felony convictions, # battery arrests	Logit	6 months	Domestic Violence	Jail	Rearrest	+, p=.506
Myner, Santman, Cappelletty & Perlmutter (1998)	138 convicted males	Juvenile	None	OLS	2 years	Any	Length of 1st incarceration (days)	# subsequent convictions	+, p<.001
Taxman & Piquero (1998)	3,671 drunk driving offenders	Adult	# prior traffic convictions; 1st drunk driving conviction (y/n)	Survival	3 years	Drunk driving	Jail	Days to reconviction	+, p>.05
							Guilty disposition		+, p>.05
							Jail		-, p>.05
	2,528 first time drunk driving offenders						Guilty disposition		+, p<.05
Thistlethwaite, Wooldredge & Gibbs (1998)	683 suspects arrested for domestic violence	Adult	# prior convictions-violent crime	Logit	1 year	Domestic violence	Convicted	Rearrest	+, .05<p<.10
							Months in jail		-, p>.10
Conness (2000)	54 college students who have shoplifted	Adult	None	Descriptive	?	Shoplifting	Arrest	Self-report shoplifting later	+, p=.585

Self-report more +, p=.646
serious crime
later

STUDY	SAMPLE	POP	CRIMINAL HISTORY CONTROL	STATS	FOLLOW-UP PERIOD	ORIGINAL OFFENSE	OFFICIAL SANCTION	RECIDIVISM MEASURE	FINDINGS
Gainey, Payne & O'Toole (2000)	276 offenders participating in electronic monitoring	Adult	# prior arrests	Logit	5 years	Any	Time in Jail	Arrest	-, p>.05
				Survival			Time in Jail	-, p>.05	
Gross, Cramer, Forte, Gordon, Kunkel & Moriarty (2000)	177 male domestic violence misdemeanants	Adult	Prior arrest or conviction (y/n)	Logistic	18-24 months	Domestic Violence	Jail sentence	Rearrest	+, p=.75
								Reconviction	+, p=.75
Sabol, Adams, Parthasarathy & Yuan (2000)	215,263 federal prisoners recidivists	Adult	None	Descriptive	3 years	Any	Time served in federal prison	Reincarceration	+, p<.001
Yu (2000)	415 respondents w/ 1+ drunk driving arrests	Adult	None	OLS	Cross-sectional	Drunk driving	Sentenced to jail (y/n)	Total # drunk driving offenses	-, p>.05
	352 respondents w/ 1+ drunk driving arrests			Logit				Arrested for 2nd drunk driving offense (y/n)	-, p>.05
	150 respondents w/ 2+ drunk driving arrests							Arrested for 3rd drunk driving offense (y/n)	-, p>.05
	80 respondents w/ 3+ drunk driving arrests							Arrested for 4th drunk driving offense	-, p<.01
Ulmer (2001)	516 felony offenders	Adult	Prior convictions (weighted for severity)	Logit	2 years	Any	Incarceration v. probation	Rearrest	-, p>.05

Author (Year)	Sample	Population	Outcome	Method	Time	Intervention	Comparison	Severity of rearrest	Effect Size				
Bernburg & Krohn (2003)	529 7th and 8th grade males	Juvenile	# prior self-reported serious delinquent activities	Poisson Regression	3 years	Any	Police intervention	Self-reported serious crime ages 19-20	-	p>.05			
							Juvenile justice intervention		+	p<.01			
							Police intervention	Self-reported drug sales ages 19-20	+	p<.01			
									4 years				
					Juvenile justice intervention		+	p<.01					
					Police intervention	Self-reported general crime ages 21-22	+	p<.01					
					Juvenile justice intervention		+	p<.01					
Police intervention	Self-reported drug sales ages 21-22	+	p<.01										
Juvenile justice intervention		+	p<.01										

STUDY	SAMPLE	POP	CRIMINAL HISTORY CONTROL	STATS	FOLLOW-UP PERIOD	ORIGINAL OFFENSE	OFFICIAL SANCTION	RECIDIVISM MEASURE	FINDINGS
Fagan, Kupchick & Liberman (2003)	2382 adolescents charged with a felony	Juvenile	# prior arrests, age at 1st arrest, prior incarceration (y/n)	Survival	7 years	Robbery, assault, or burglary	Sentence length	Time to arrest (any)	+, p<.001
								Time to arrest (violent)	+, p>.05
								Time to arrest (property)	-, p>.05
								Time to arrest (weapon)	-, p>.05
								Time to arrest (drug)	+, p<.05
								Time to incarceration	-, p>.05
							Juvenile court action	Time to arrest (any)	+, p<.001
								Time to arrest (violent)	+, .001<p<.05
								Time to arrest (property)	+, .001<p<.05
								Time to arrest (weapon)	+, .001<p<.05
								Time to arrest (drug)	+, p>.05
								Time to incarceration	+, p>.05

Sung (2003)	263 drug sales offenders	Adult	# prior adult arrests	Logit	3 years	Drugs	Incarceration time	Rearrest	+, p>.05
Ventura & Davis (2005)	519 domestic violence charges	Adult	# prior domestic violence charges	Logit	1 year	Domestic violence	Conviction v. dismissal	Rearrest	-, p<.05
Bernburg, Krohn & Rivera (2006)	870 7th and 8th grade adolescents	Juvenile	# prior self-reported serious delinquent activities	Logit	18 months	Any	Juvenile justice intervention	Self-reported serious delinquency	+, p<.05

STUDY	SAMPLE	POP	CRIMINAL HISTORY CONTROL	STATS	FOLLOW-UP PERIOD	ORIGINAL OFFENSE	OFFICIAL SANCTION	RECIDIVISM MEASURE	FINDINGS
Chiricos, Barrick, & Bales (2007)	95,919 felons	Adults	% Prior convictions for felony or misdemeanor	HGLM	2 years	any felony	adjudication vs. Adjudication withheld	re-convicted (jail, prison, probation) for another felony within 2 years of the sentence	+, p<0.001
Barrett, Katsiyannis & Zhang (2010)	100,955 juvenile offenders referred to the DJJ	Juveniles	# prior contact with the juvenile justice system due to status offenses, misdemeanor, non-violent felony, violent felony	survival analysis	3 years	status offenses, misdemeanor, non-violent felony, violent felony	prosecution vs. Non-prosecution	time to second referral to juvenile justice system (status offense)	+, p<0.001
								time to second referral to juvenile justice system (misdemeanor)	+, p<0.001
								time to second referral to juvenile justice system (non-violent felony)	+, p<0.001

							prosecution vs. Non-prosecution	time to second referral to juvenile justice system (violent felony)	+, p<0.001
							diversion vs. Other nonadjudication	new referral to juvenile justice system	+, p<0.001
								new referral to juvenile justice system (status offense)	+, p<0.01
								new referral to juvenile justice system (misdemeanor)	+, p<0.001
							diversion vs. No judicial action	time to second referral to juvenile justice system (non-violent felony)	+, p>0.01 (considered non-significant)
								time to second referral to juvenile justice system (violent felony)	+, p>0.01 (considered non-significant)
Lopes, Krohn, Lizotte, Schmidt, Vásquez, & Bernburg (2012)	917 youth from the Rochester Youth Study	Juveniles	Prior arrests or police contacts (dummy)	OLS Logistic Regression	16 years	any	arrest or contact with police	new arrest, general criminality, drug use	+, p<0.001

Willey, & Esbensen (2013)	2,972 youth from the Gang Resistance Education and Training (G.R.E.A.T.) program.	Juveniles	prior arrest, police contact or no contact (3 dichotomous variables)	bootstrapped standard error	4 years	any	arrest, police contact, no contact	# of self-reported delinquent acts	
							arrest vs no contact		+, p<0.05
							stopped vs no contact		+, p<0.05
							arrest vs stopped		+, p<0.05

STUDY	SAMPLE	POP	CRIMINAL HISTORY CONTROL	STATS	FOLLOW-UP PERIOD	ORIGINAL OFFENSE	OFFICIAL SANCTION	RECIDIVISM MEASURE	FINDINGS
Jackson & Hay (2013)	562 early adolescents from the Children at Risk (CAR) program	Juveniles	Arrests in previous 2 years (dichotomous variable)	OLS	3 years	any	Arrest vs. Non-arrest	self-reported delinquency (violent and property delinquency: substance abuse)	+, p<0.01
Morris & Piquero (2013)	1,417 youth from the NYS	Juveniles	Arrests at wave 5	t-test	3 years	delinquency variety score	Arrest vs. Non-arrest	self-reported delinquency at wave 6	
		Low offending							+, p>0.025
		Moderate offending							+, p<0.025
		Chronic offending						+, p>0.025	
Liberman, Kirk & Kim (2014)	1,249 youth (58 arrestees, 1,191 non-arrestees) from the PHDCN's longitudinal cohort study	Juveniles	Official arrests as juveniles (binary measure)	Logit	5 years	any	Arrest vs. Non-arrest	new arrest (independent of variety of delinquent acts engaged)	+, p<0.005
Ward, Khron, Gibson (2014)	595 youth from the Rochester Youth Study	Juveniles	Prior police contacts (dichotomous variable)	Bivariate Regression	16 years	any	police contact vs. No police contact	self-reported violent crimes	+, p<0.01

Restivo & Lanier (2015)	667 early adolescents from the children at risk (CAR) program	Juveniles	Prior arrest (dichotomous variable)	OLS	5 years	any	arrest vs. Non-arrest	self-reported subsequent delinquency ("run away overnight or longer," "taken something worth less than \$50," "taken something worth more than \$50," "joy-riding," "tried to buy stolen things," "damaged something not yours," "arson," "serious school fight," "group fight," "attacked to hurt someone," "robbery with or without weapons," and "forced sex.")	+, p<0.025
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*Table

Abbreviations:

POP= population sampled

STATS= statistical technique used

Logit= logistic regression

ANOVA= analysis of variance

Survival= Survival regression (proportional hazards)

OLS= ordinary least squares regression

SEM= structural equation modeling
p= one-tailed significance level