

TABLE 1: Alternative Prior Specifications
(Douglas's Data)

Prior	P_g	I_p	P_s	V	A
Rational economists	I	I	I	I	I
Ersatz price theorists	I	D	D	D	I
Auto Buffs	I	I	D	D	I
Radical environmentalists	D	D	D	I	I

Note: I stands for a variable designated as important; D stands for a variable designated as doubtful.

TABLE 2: Extreme Bound Estimates of Price and
Income Elasticities (Douglas's Data)

Prior	P_g (gasoline price)		I_p (Income)	
	Minimum Estimate	Maximum Estimate	Minimum Estimate	Maximum Estimate
Rational economists *	-0.134	-0.134	0.505	0.505
Ersatz price theorists	-0.540	0.350	-3.918	4.422
Auto buffs	-0.509	-0.128	-3.878	0.907
Radical environmentalists	-0.218	0.083	-0.887	1.392

* EBA does not apply in this case; the upper and lower bounds are therefore identical.

TABLE 3: Alternative Prior Specifications

Prior	Capital	Labor	Environmental variables	Social indicators	Infrastructural indicator
Eclectics	I	I	I	I	I
Neo-classics	I	I	D	D	D
Arch capitalists	I	D	D	D	I
Marxists	D	I	D	I	D
Environmentalists	D	D	I	I	I

Note: See note to Table 1A.

TABLE 4: Extreme Bound Estimates of Input Elasticities

Prior	Capital		Labor	
	Minimum Estimate	Maximum Estimate	Minimum Estimate	Maximum Estimate
Eclectics*	0.222	0.222	0.889	0.889
Neo-classics	0.0394	0.461	0.756	1.0603
Arch capitalists	-0.0588	1.266	-0.189	1.0785
Marxists	-0.172	0.394	0.838	1.299
Environmentalists	-0.795	1.0170	-0.372	1.261

* EBA does not apply in this case; see Table 1B.

TABLE 5: Alternative Prior Specifications

Prior	Schooling	Job experience	Nature of employment	Family background	Individual characteristics
Expanded model	I	I	I	I	I
Traditional human capitalists	I	I	D	D	D
Teachers' unions	I	D	D	D	D
Labor unions	D	I	I	D	D
Genealogists	D	D	D	I	I

Note: See note to Table 1A.

TABLE 6: Extreme Bound Estimates of the Effects of Schooling and Experience on Earnings

Prior	Schooling		Experience	
	Minimum Estimate	Maximum Estimate	Minimum Estimate	Maximum Estimate
Expanded model*	0.0352	0.0352	0.0147	0.0147
Traditional human capitalists	-0.0248	0.152	-0.0099	0.0654
Teachers' unions	-0.121	0.232	-0.106	0.121
Labor unions	-0.0740	0.109	-0.0298	0.0638
Genealogists	-0.157	0.192	-0.0931	0.108

* EBA does not apply in this case; see Table 1B. The extreme bound estimates correspond to the first order schooling and job experience effects.

TABLE 7: Alternative Prior Specifications

Prior	Deterrence variabls	Economic variables	Social variables
Right winger	I	D	D
Rational Maximizer**	I	I	D
Eye-for-an-eye	*	D	D
Bleeding Heart	D	I	D
Crime of Passion	D	I	I

Note: * The eye-for-an-eye prior treats the probability of conviction and the conditional probability of execution as important, but the length of sentence as doubtful; ** The Economic variables were mislabeled in Table 1 of McManus (1985) as doubtful. Also see note to Table 1A.

TABLE 8: Extreme Bound Estimates of the Effects of Deterrence Variables on Murders

Prior	Pc		Px		T	
	Min Estimate	Max Estimate	Min Estimate	Max Estimate	Min Estimate	Max Estimate
Right winger	-2.50 [-1.010]	-0.22 [-0.353]	-22.56 [-0.437]	-1.16 [-0.134]	-1.45 [-1.017]	-0.16 [-0.140]
Rational Maximizer	-1.35 [-0.820]	-0.72 [-0.455]	-15.91 [-0.379]	-10.24 [-0.212]	-0.86 [-0.832]	-0.38 [-0.152]
Eye-for-an-eye	-2.57 [-1.010]	0.22 [-0.121]	-26.20 [-0.453]	-0.35 [-0.101]	-1.55 [-1.061]	0.88 [0.453]
Bleeding heart	-2.20 [-1.0207]	1.06 [0.165]	-25.59 [-0.544]	12.37 [0.150]	-0.95 [-0.949]	0.51 [0.431]
Crime of passion	-1.49 [-0.640]	0.35 [0.0647]	-17.32 [-0.333]	4.10 [0.0680]	-0.63 [-0.561]	0.19 [0.213]
OLS estimates (SE)	-1.14 (0.62) [-0.576 (0.145)]		-13.22 (7.20) [-0.265 (0.0822)]		-0.44 (0.28) [-0.348 (0.159)]	

Note: The first line of each prior specification shows extreme-bound GLS (weighted-regression) estimates over the feasible ellipse and within the 90 percent data confidence region. These are taken from table 2 of McManus (1985), obtained from a linear format and an incorrect weight (see fn. 12); The second line (in square brackets) shows extreme bound estimates over the feasible ellipse and within the 95 percent data confidence region, based on an approximated-log format (a Box-Cox transformation with $\lambda=0.001$) and a correct weight; The bottom two lines show the corresponding unrestricted regression estimates and their standard errors (in parentheses).

TABLE 9: Murder Supply Functions: Pooled 1940-50 Sample (GLS)

	(1) B-C	(2) B-C	(3) log;k=1.4	(4) log;k=1.4	(5) log;k=1	(6) log;k=1	(7) linPx	(8) linPx
Const.	-289.77 (-5.496)	0.687 (0.091)	0.518 (0.080)	7.497 (0.980)	0.421 (0.065)	7.151 (0.923)	0.306 (0.046)	7.166 (0.973)
T	-0.317 (-3.870)	-0.354 (-3.668)	-0.317 (-3.870)	-0.278 (-2.820)	-0.317 (-3.870)	-0.285 (-2.849)	-0.328 (-3.892)	-0.277 (-2.911)
Pc	-0.628 (-7.069)	-0.502 (-4.944)	-0.628 (-7.068)	-0.587 (-5.490)	-0.628 (-7.068)	-0.573 (-5.308)	-0.652 (-6.982)	-0.637 (-6.009)
Px	-0.290 (-5.543)	0.000365 (2.744)	-0.289 (-5.543)	-0.103 (-2.053)	-0.289 (-5.543)	-0.0741 (-1.571)	-0.209* (-4.988)	-0.135* (-3.053)
NW	0.465 (9.472)	0.485 (8.386)	0.465 (9.472)	0.603 (11.552)	0.465 (9.472)	0.599 (11.188)	0.476 (9.454)	0.600 (12.195)
W	0.793 (2.914)	0.769 (2.392)	0.793 (2.913)	0.704 (2.145)	0.793 (2.913)	0.704 (2.124)	0.917 (3.254)	0.793 (2.488)
X	0.989 (2.601)	1.124 (2.505)	0.989 (2.601)	0.777 (1.701)	0.989 (2.601)	0.803 (1.737)	1.032 (2.641)	0.776 (1.764)
LF	0.220 (0.161)	0.194 (0.120)	0.220 (0.161)	-1.363 (-0.844)	0.220 (0.161)	-1.300 (-0.794)	0.0794 (0.056)	-1.392 (-0.893)
UE	-0.00228 (-0.015)	-0.293 (-1.679)	-0.00229 (-0.015)	-0.210 (-1.141)	-0.00229 (-0.015)	-0.239 (-1.288)	-0.101 (-0.643)	-0.189 (-1.069)
AGE	0.021 (0.034)	0.274 (0.376)	0.021 (0.034)	0.023 (0.031)	0.021 (0.034)	0.055 (0.074)	0.139 (0.220)	0.032 (0.045)
URB	-0.644 (-3.545)	-0.582 (-2.716)	-0.644 (-3.545)	-0.515 (-2.369)	-0.643 (-3.545)	-0.513 (-2.331)	-0.695 (-3.702)	-0.570 (-2.695)
D40	1.143 (3.307)	1.128 (2.760)	1.143 (3.307)	1.181 (2.834)	1.143 (3.307)	1.178 (2.794)	1.290 (3.613)	1.279 (3.152)
EPOS	289.78 (5.550)	-	0.833 (5.931)	-	0.930 (6.135)	-	0.594 (4.780)	-
Adj-R ²	0.90	0.86	0.90	0.86	0.90	0.85	0.90	0.87
No. Obs.	87	87	87	87	87	87	87	87

Note: * the slope estimate is converted to elasticity based on the relevant sample means.

TABLE 10: Murder Supply Functions: Pooled 1940-50 Sample (Fixed-effects/GLS)

	(1) log;k=1.4	(2) log;k=1.4	(3) log;k=1	(4) log;k=1	(5) linPx	(6) linPx
Pc	-0.591 (-6.207)	-0.637 (-6.656)	-0.591 (-6.207)	-0.636 (-6.515)	-0.652 (-6.059)	-0.685 (-7.256)
Px	-0.217 (-3.965)	-0.126 (-2.309)	-0.217 (-3.965)	-0.107 (-2.022)	-0.125* (-3.112)	-0.114* (-2.965)
NW	0.217 (0.700)	0.359 (1.067)	0.217 (0.700)	0.376 (1.098)	0.483 (1.431)	0.499 (1.562)
W	1.0275 (1.910)	1.421 (2.344)	1.0275 (1.910)	1.455 (2.361)	1.417 (2.451)	1.598 (2.779)
X	0.0300 (0.061)	0.0570 (0.106)	0.0300 (0.061)	0.0648 (0.118)	0.299 (0.555)	0.265 (0.514)
LF	1.171 (0.649)	1.786 (0.896)	1.171 (0.649)	1.815 (0.894)	1.156 (0.587)	1.738 (0.912)
UE	0.285 (1.545)	0.275 (1.299)	0.285 (1.545)	0.281 (1.304)	0.282 (1.396)	0.255 (1.259)
AGE	-0.826 (-0.690)	-0.106 (-0.080)	-0.826 (-0.690)	-0.127 (-0.094)	-1.0383 (-0.796)	-0.264 (-0.209)
URB	0.0168 (0.029)	0.00628 (0.010)	0.0169 (0.029)	0.0202 (0.031)	0.154 (0.239)	0.0419 (0.067)
D40	1.534 (2.271)	1.823 (2.382)	1.534 (2.271)	1.858 (2.388)	2.0212 (2.766)	2.0711 (2.849)
State-Exchange Dummy	Yes	no	yes	no	yes	no
Adj-R ²	0.97	0.96	0.97	0.96	0.97	0.96
No. of Obs.	82	82	82	82	82	82

Note: * the slope estimate is converted to elasticity based on the relevant sample means.

TABLE 11: Murder Supply Functions: Pooled 1940-50 Sample (2SLS)

	(1) log;k=1.4	(2) log;k=1	(3) LinPx	(4) log;Px>0	(5) linPx;Px>0
Const.	26.501 (2.034)	27.241 (2.013)	21.949 (1.542)	10.123 (1.182)	4.855 (0.459)
T	-0.360 (-2.060)	-0.366 (-2.066)	-0.263 (-1.278)	-0.381 (-3.195)	-0.315 (-2.103)
Pc	-1.473 (-3.437)	-1.469 (-3.327)	-1.500 (-3.143)	-0.976 (-3.617)	-0.905 (-2.744)
Px	-0.466 (-2.929)	-0.411 (-2.582)	-0.676* (-3.647)	-0.537 (-5.767)	-0.603* (-5.115)
NW	0.686 (8.082)	0.701 (7.573)	0.699 (7.610)	0.470 (7.878)	0.497 (6.708)
W	0.873 (1.840)	0.867 (1.805)	1.230 (2.206)	0.902 (2.832)	1.241 (3.066)
X	-0.0766 (-0.108)	-0.0872 (-0.119)	-0.0177 (-0.022)	0.649 (1.396)	0.835 (1.453)
LF	-4.993 (-1.884)	-5.188 (-1.881)	-4.659 (-1.589)	-1.080 (-0.629)	-0.633 (-0.297)
UE	0.281 (0.904)	0.228 (0.724)	0.379 (1.104)	0.221 (1.028)	0.116 (0.463)
AGE	-0.924 (-0.839)	-0.902 (-0.805)	-0.779 (-0.625)	-0.877 (-1.201)	-0.627 (-0.693)
URB	-0.680 (-2.121)	-0.665 (-2.049)	-0.881 (-2.343)	-0.825 (-3.820)	-0.971 (-3.549)
D40	1.562 (2.558)	1.571 (2.536)	1.948 (2.708)	1.526 (3.694)	1.913 (3.674)
HN ^a	15.792	13.620	31.406	13.888	23.609
HN-T ^b	0.132	0.166	0.184	0.0000231	1.369
BN ^c	2.29	2.61	0.36	1.47	0.15
Adj-R ²	0.67	0.67	0.56	0.87	0.81
No. of Obs.	87	87	87	67	67

Note: ^a the critical value is $\chi^2_{99\%}[2]=9.211$; ^b the critical value is $\chi^2_{95\%}[1]=3.842$; ^c the critical values are $F_{95\%}[5,72]=2.342$ for models 1, 2, and 3; and $F_{95\%}[5,72]=2.393$ for models 4 and 5; * denotes the estimated elasticity at the relevant sample means.

TABLE 12: Murder Supply Functions: 1950 Sample of 44 states (3SLS)

Model	Eq.	Const.	T	Pc	Px5	NW	X	W	LF	UE	AGE	URB
(1)			T _{mur}	Pc _{mur}	Px _{mur}							
log; k=1.1	q _{mur}	14.018 (0.898)	-0.373 (-1.960)	-1.342 (-3.668)	-0.284 (-2.679)	0.643 (7.880)	0.119 (0.111)	1.205 (1.790)	-3.300 (-1.249)	0.231 (0.763)	0.314 (0.234)	-0.921 (-2.019)
			T _{ass}	Pc _{ass}	Px _{mur}							
	q _{ass}	-5.135 (-0.440)	-0.626 (-3.589)	-0.580 (-6.534)	-0.426 (-0.427)	0.622 (7.142)	-0.616 (-0.770)	0.883 (1.511)	1.050 (0.510)	0.360 (1.441)	-0.134 (-0.120)	-1.250 (-3.564)
			T _{rob}	Pc _{rob}	Px _{mur}							
	q _{rob}	-0.966 (-0.080)	-0.539 (-2.827)	-1.127 (-9.719)	-0.114 (-1.146)	0.323 (4.293)	0.206 (0.275)	0.831 (1.355)	-0.400 (-0.191)	-0.0911 (-0.363)	-1.135 (-0.995)	0.501 (1.335)
(2)			T _{mur}	Pc _{mur}	Px _{mur}							
linPx	q _{mur}	5.669 (0.388)	-0.283 (-1.527)	-1.258 (-3.663)	-0.387* (-3.433)	0.653 (8.429)	0.375 (0.377)	1.296 (2.003)	-1.736 (-0.699)	0.347 (1.167)	0.389 (0.302)	-0.897 (-2.081)
			T _{ass}	Pc _{ass}	Px _{mur}							
	q _{ass}	-5.810 (-0.516)	-0.611 (-3.394)	-0.562 (-5.823)	- 0.0863* (-0.733)	0.638 (7.199)	-0.609 (-0.780)	0.902 (1.568)	1.244 (0.621)	0.384 (1.553)	-0.235 (-0.213)	-1.266 (3.680)
			T _{rob}	Pc _{rob}	Px _{mur}							
	q _{rob}	-3.992 (-0.342)	-0.583 (-3.039)	-1.139 (-9.185)	- 0.0727* (-0.629)	0.312 (4.091)	0.331 (0.448)	0.908 (1.484)	0.0786 (0.038)	-0.118 (-0.455)	-0.977 (-0.844)	0.550 (1.429)

Note: * denotes the estimated elasticity at the sample means.