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- ED 1 = graduated from high school;
 ED 2 = attended an occupational training program;
 ED 3 = attended college but for less than eighty-nine semester hours;
 ED 4 = three to four years of college, but did not obtain a bachelor's degree;
 ED 5 = bachelor's degree;
 ED 6 = postbachelor's work but no additional higher degree;
 ED 7 = first professional degree (e.g., dentistry, law, medicine);
 ED 8 = post-first professional degree work but no additional degree;
 ED 9 = master's degree;
 ED 10 = postmaster's but no additional higher degree;
 ED 11 = sixth-year degree (e.g., advanced certificate in education or other areas);
 ED 12 = some work beyond a sixth-year degree but no additional degree;
 ED 13 = doctorate degree;
 ED 14 = postdoctorate;
 YHDO = calendar year in which highest degree was obtained; if no degree, for the 1985 data set YHDO was set equal to 1985 minus age plus six years of schooling.

Occupational variables. For a listing, see table C.1.

Agency variables. For a listing, see table C.1.

Appendix D

Appendix to Chapter 6

Tables D.1 and D.2 present the full set of variables and probit estimates used in obtaining the results reported in tables 6.1 and 6.2.

Table D.1 Variable Definitions

Variable	Description
1. Education 12	Equal to one if completed high school
2. Education 14	Equal to one if completed one or two years of college
3. Education 15	Equal to one if completed three years of college
4. Education 16	Equal to one if completed four years of college
5. Education 17	Equal to one if completed five or more years of college
6. Age	Individual's age in years
7. Age squared	Variable 6 squared
8. Male	Dummy variable equal to one if male
9. Marital status	Dummy variable equal to one if married
10. SMSA	Dummy variable equal to one if residence is in an SMSA
11. Union	Dummy variable equal to one if a member of a union

Table D.1 (continued)

Variable	Description
12. Earnings	Weekly earnings in dollars
13. Black	Dummy variable equal to one if race is black
14. Hispanic	Dummy variable equal to one if ethnic background is Hispanic
15. Manager	Managerial and executive positions
16. Administrative	Administrative support, including clerical supervisory positions
17. Professional	Includes lawyers, engineers, and other professionals
18. Teacher	Primary and high school teachers
19. College	College teacher
20. Technical	Technicians
21. Service	Service workers
22. Production	Factory and agricultural workers
23. Federal	Dummy variable equal to one if employed by the federal government
24. State	Dummy variable equal to one if employed by a state government
25. Local	Dummy variable equal to one if employed by county, city, or municipality

Note: There are five dummy educational achievement variables, variables 1–5. The excluded category consists of those individuals who did not complete high school. Variables 6–14 describe other socioeconomic characteristics. There are also eight dummy occupational variables, variables 15–22. The excluded category consists of those in sales. Variables 23–25 designate government employment at the federal, state, and local levels, respectively. The excluded category is private-sector employment. Included with the twenty-five variables listed above were fifty state dummy variables, including the District of Columbia. The omitted state was Pennsylvania. The estimated coefficients on state dummies are available on request.

Table D.2 Probit Estimates of the Effect of Public Employment on Voting

Variable	1984 Elections	1986 Elections
Education 12	.424 (8.25)	.386 (6.40)
Education 14	.675 (11.20)	.616 (9.06)
Education 15	.795 (8.98)	.679 (7.08)
Education 16	1.096 (14.78)	.800 (10.37)
Education 17	1.19 (13.51)	.831 (9.40)
Age	.031 (3.95)	.051 (5.67)
Age squared	-.00005 (-.51)	-.0002 (-1.90)
Male	-.121 (-3.14)	-.039 (-.97)
Marital status	.203 (6.03)	.209 (6.08)

(continued)

Table D.2 (continued)

Variable	1984 Elections	1986 Elections
SMSA	-.069 (-1.70)	-.188 (-4.32)
Union	.133 (2.88)	.181 (3.71)
Earnings	.00033 (3.10)	.000077 (.79)
Black	.212 (3.71)	.178 (3.24)
Hispanic	.020 (.25)	.116 (1.39)
Manager	.161 (2.10)	.119 (1.66)
Administrative	.172 (2.82)	.038 (.63)
Professional	.067 (.86)	.118 (1.52)
Teacher	.034 (.28)	-.006 (-.06)
College	-.044 (-.19)	.129 (.60)
Technical	.053 (.56)	-.075 (-.77)
Service	-.141 (-2.21)	-.244 (-3.69)
Production	-.174 (-2.97)	-.216 (-3.44)
Federal	.058 (.73)	-.032 (-.38)
State	.160 (1.88)	.282 (3.74)
Local	.279 (4.32)	.312 (4.85)
Constant	-1.510 (-8.46)	-2.360 (-11.28)

Note: *t*-statistics are given in parentheses.

Source: Johnson and Libecap (1991).