

## APPENDIX A

*Table A1. Operationalization, descriptive statistics, and data sources (n =2733)*

Variable	Operationalization	Mean (SD)	Source <sup>a</sup>
<i>Outcome</i>			
Interlocal service collaboration	Interlocal revenue as a proportion of total general revenue in 2002	.03 (.03)	2002 Government
<i>Variable of interest</i>			
Social capital	The number of the organization establishments per 10,000 people	.36(.26)	2001 County Business Patterns
<i>Control variables</i>			
Median household income	Median household income in 2001	36161.84 (9074.27)	2001 Small Area Income and Poverty
People in poverty	The percentage of people of all ages in poverty in 2001	13.44 (5.52)	2001 Small Area Income and Poverty
Employment	Full-time equivalent local government employees divided by total county population in 2002	.04 (.01)	2002 Government
Debt	Total debt outstanding per capita in 2002	2321.95 (5286.77)	2002 Government

POP 65+	The percentage of populations 65 years of age and older in 2001	14.62 (3.98)	2001 population
Population density	Population per square mile of land area in 2000	204.13 (727.23)	2000 Population
Population change	The percentage of population change between 1990 and 2000	11.79 (15.86)	2000 Population
Racial minority	The percentage of African-Americans in 2000	8.81 (14.23)	2000 Population
Municipal governments	The number of municipalities in 2002	6.71 (6.87)	2002 Government
Metropolitan area	A dummy of counties within metropolitan areas (yes)	.29 (.45)	1999 Historical Statistical Area Delineations
<i>Instruments</i>			
Speak multiple languages	The percentage of population 5 years of age and older who speak languages other than English at home in 1980	.05 (.09)	1980 Census
Single-person households	The percentage of single-person households in 1980	.07 (.01)	1980 Census

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*Note:* a. All variables were obtained from the U.S. Census Bureau.

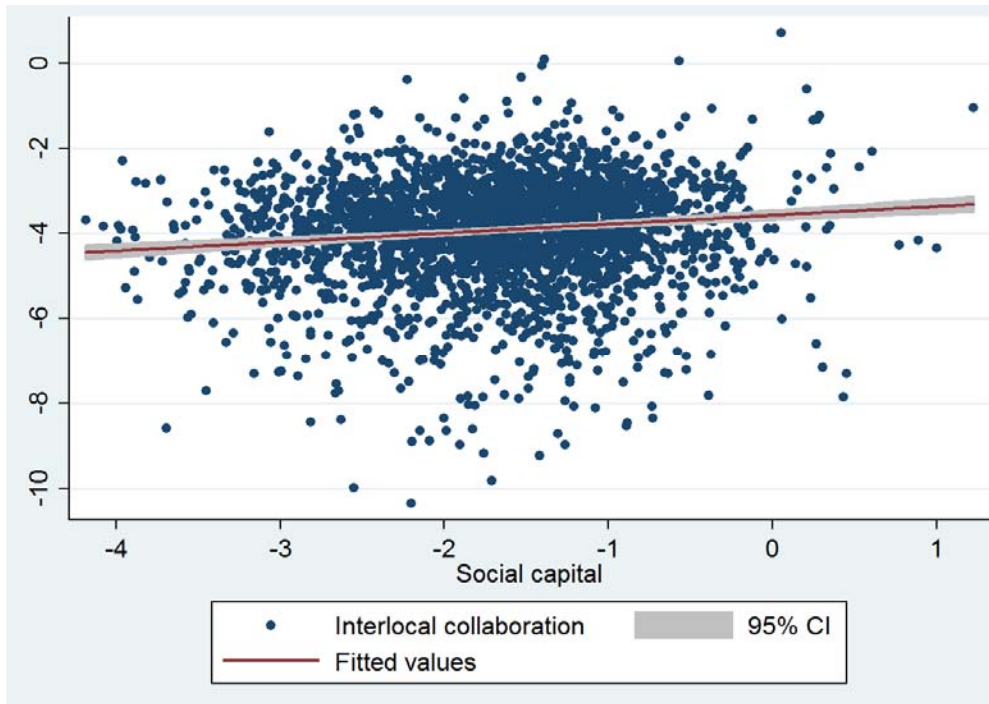
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## APPENDIX B

Table B1. Diagnostics tests for instrumental variables

Test	Test statistic
Endogeneity of social capital	6.37 ( $p = 0.009$ )
Kleibergen-Paap underidentification rk LM test	21.21 ( $p = 0.0001$ )
Kleibergen-Paap Wald rk $F$ statistic	38.88
Hansen $J$ test	0.62 ( $p = 0.428$ )

Note:  $P$  values are in parentheses. All statistics are corrected for the presence of non-independent and identically distributed errors.



*Fig. B1. Scatterplot of interlocal collaboration on social capital*