

**ESTIMACIÓ DE LES NECESSITATS DE
DESPESA DELS GOVERNS SUBCENTRALS:**

**ASPECTES METODOLÒGICS I APLICACIÓ AL CÀLCUL
D'UNA SUBVENCIÓ ANIVELLADORA MUNICIPAL**

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EVANS, W.N., MURRAY, S.E. I .SCHAWB; R.M. (1997a): "Toward increased centralization in public school finance", a Fisher, R.C. (ed.): *Intergovernmental Fiscal Relations*, pp. 99-138, Kluwer, Boston.

EVANS, W.N., MURRAY, S.E. I .SCHAWB, R.M. (1997b): "Schoolhouses, courthouses and statehouses after Serrano", *Journal of Policy Analysis and Management*, 16, 10-31.

FÄRBER, G. (1996): *Local public finance in Europe: the case of Germany*, Research Report on behalf of the European Commission.

FÄRE, R.S. I LOVELL, K. (1978): "Measuring the technical efficiency of production", *Journal of Economic Theory* 19, 150-162.

FAZIOLI, R., FILIPPINI, M. I PRIONI, P. (1993): "Cost-structure and efficiency of local public transport: the case of Emilia Romagna bus companies", *International Journal of Transport Economics* 20, 305-324.

FELD, L. I KIRSCHGAESSNER, G. (1999): "Income tax competition at the State and Local level in Switzerland", Treball presentat al Workshop on Fiscal Competition in Europe, ZEW, Manheim.

FELDMAN, A. I LEE, K. (1988): "Existence of electoral equilibria with probabilistic voting", *Journal of Public Economics*, 35, 205-227.

FELDSTEIN, M. (1975): "Wealth neutrality and local choice in public education", *American Economic Review*, 65, 75-89.

FELDSTEIN, M. I VAILLANT, M. (1994): "Can State Taxes redistribute income?", NBER Working Paper 4785.

FEREJOHN, J.(1986): "Incumbent performance and electoral control", *Public Choice*, 50, 5-25.

FERGUSON, R. I LADD, H.F. (1996): "Additional evidence on how and why money matters: a production function analysis of Alabama schools", a Ladd, H.F. (ed.): *Holding schools accountable: performance-based reform in education*, The Brookings Institution, Whasington, D.C.

FISCHEL, W.A. (1976): "An evaluation of proposals for metropolitan tax base sharing of commercial and industrial property tax base", *Journal of Urban Economics*, 3, 253-63.

FISCHEL, W.A. (1989): "Did Serrano cause Proposition 13?", *National Tax Journal*, 42, 465-74.

FISCHEL, W.A. (1993): "How Serrano cause Proposition 13", Working Paper 94/23, Dartmouth College Economics Department.

FISCHER, R. (1982): "Regional tax base sharing: an analysis and simulation of alternative approaches", *Land Economics*, 58, 497-515.

FLATTERS, F., HENDERSON, V. I MIESZKOWSKI, P. (1974): "Public goods, efficiency, and regional fiscal equalization", *Journal of Public Economics*, 3, 99-112.

FLEURBAEY, M. (1994): "On fair compensation", *Theory and decision* 36, 277-307.

- FLOWERDEW, R., FRANCIS, B. i LUCAS, S. (1994): "The Standard Spending Assessment as a measure of spending needs in nonmetropolitan districts", *Environment and Planning C: Government and Policy*, 12, 1-13.
- FOSTER, C., JACKMAN, R. i PERLMAN, M. (1980): *Local Government Finance in a Unitary State*. Allen & Unwin, London.
- FOURNIER, A. Y RASSMUSSEN, R. (1986): "Salaries in public education: the impact of geographic cost of living differentials", *Public Finance Quarterly*, 14, 179-198.
- FRIENDLANDER, A.F. (1968): "The federal highway programme as a public works tool" a *Studies in economic stabilisation*. The Brookings Institution.
- FULLERTON, D. (1991): "Reconciling recent estimates of the marginal welfare cost of taxation", *American Economic Review*, 81, 302-318.
- FUNDACIÓN BBV(1995), *El 'stock' de capital en España y sus comunidades autónomas*.
- GALLIGAN, B. (1993), (ed.): *Federalism and the economy: international, national and state issues*, Federalism Research Centre, Australian National University, Canberra.
- GARCÍA-MILA, T. i MCGUIRE, T.J. (1993): "Evaluación del régimen de financiación de las CCAA a través de un análisis del gasto y la renta", *Revista de Economía Aplicada*, 3, 5-26.
- GARDINER, C. (1998): "Impovements, by using a new set of data, to the English Standard Spending Assessments: the 1991 Census of Population samples of anonymised records", *Environment and Planning C: Government and Policy*, 16, 543-558.
- GENERALITAT DE CATALUNYA (1996): *Anuari Estadístic del Departament de Política Territorial i Obres Públiques*. Departament de Política Territorial i Obres Públiques. Barcelona.
- GENERALITAT DE CATALUNYA (1996): *Mapa de serveis socials*. Departament de Benestar Social. Barcelona.
- GENERALITAT DE CATALUNYA (1996): *Compte general de les corporacions locals*. Sindicatura de comptes. Barcelona.
- GENERALITAT DE CATALUNYA (1996): SIAL (Sistema d'Informació de l'Administració Local). Departament de Governació (URL:<http://www.gencat.es:8000/osial>).
- GERTLER, P.J. i WALDMAN, D.M. (1992): "Quality adjusted cost functions and policy evaluation in the nursing home industry", *Journal of Political Economy*, 100.
- GIBSON, J. (1994): "Increasing the efficiency of Standard Spending Assessments (SSAs): the cost equalisation problem", Working Paper 24/94, Institute of Local Government Studies, University of Birmingham.
- GILBERT, G. i ROCABOY, Y. (1996): "Local public spending in France: the case of welfare programs at the Department level", a POLA, G. (ed.): *Developments in local government finance*, Edward Elgar.

- GLAESER, E.L. (1997): "Should transfer payments be indexed to local price levels?", *Regional Science and Urban Economics*, 28, 1-20.
- GLAESER, E.L. I MARÉ, D. (1994): "Cities and skills", NBER Working Paper, 4798.
- GODLEY, W. I RHODES, J. (1973): "The Rate Support Grant System", *Proceedings of a Conference on Local Government Finance*, Institute for Fiscal Studies, London.
- GOLDSTEIN, H. (1994); "The use of regression analysis for resource allocation by central government", *Environment and Planning C: Government and Policy*, 12, 15-21.
- GOLDSTEIN, H. (1995): *Multilevel statistical models*, Edward Arnold, London.
- GONZALEZ, R.A., MEANS, T.S. I MEHAY, S.L. (1993): "Empirical tests of the Samuelsonian publicness parameter: has the right hypothesis been tested?", *Public Choice*, 77, 523-534.
- GONZALEZ-PÁRAMO, J.M. I TANG, D. (1988): "Optimal intervention in the presence of 'categorical equity' objectives", *Public Finance*, 1, 79-95.
- GOODHART, C. I SMITH, S. (1993): "Stabilization", *European Economy*, 5, 419-55.
- GORDON, R.H. (1983): "An Optimal Taxation Approach to Fiscal Federalism", *Quarterly Journal of Economics*, 98, 567-86.
- GRAMLICH, E. I GALPER, H. (1973): "State and local fiscal behaviour and federal grant policy", *Brookings Papers on Economic Activity*, 1, 15-65.
- GRAMLICH, E. I LAREN, D. (1984): "Migration and income redistribution responsibilities", *Journal of Human Resources*, 19, 489-511.
- GRAMLICH, E.M. (1987): "Cooperation and Competition in Public Welfare Policies", *Journal of Policy Analysis and Management*, 6, 417-31.
- GRANGER, C.W.J. (1996): "Can improve the perceived quality of economic forecasts?", *Journal of applied econometrics*, 11, 455-473.
- GRASBERGER, F.J. (1980): *Formula Evaluation Project, Final Report. Developing and Applying Analytical Tools to Evaluate the Distributional and Equalization Effects of Federal Grant-in-aid formulae and to improve Formula performance*, Center for Governmental Research, Rochester, New York.
- GREEN, J.R. I STOKEY, N.L. (1983): "A Comparison of Tournaments and Contracts", *Journal of Political Economy*, 91, 349-64.
- GREEN, R.K. I RESCHOVSKY, A. (1993): *An analysis of the State of Wisconsin's shared revenue program*, Report prepared for the Department of Revenue, State of Wisconsin.
- GREENE, K.V., NEENAN, W.B. I SCOTT, C.D. (1977): *Fiscal interactions in a metropolitan area*, Lexington Books, Lexington.

- GROSS, D.A. I SIGELMAN, L. (1984): "Comparing party systems: A multidimensional approach", *Comparative Politics*, 16, 463-479.
- GROSSMAN, M. (1972): *The demand for health: a theoretical and empirical investigation*, NBER, Columbia University Press.
- GUENGANT, A. (1998): "Évaluation économétrique des charges des communes", *Revue d'Economie Régionale et Urbaine*, 4, 523-546.
- GUJARATI, D.N. (1997): *Econometria*. McGraw-Hill.
- HANSON, E.J. (1961): *Fiscal needs of the Canadian provinces*, Canadian Tax Foundation, Toronto.
- HANUSHEK, E.A. (1979): "Conceptual and empirical issues in the estimations of educational production functions", *Journal of Human Resources*, 351-88.
- HANUSHEK, E.A. (1986): "The economics of schooling: production and efficiency in the public schools", *Journal of Economic Literature*, 24, 232-45.
- HANUSHEK, E.A. (1996): "School resources and student performance", a BURTLESS, G. (ed.): *Does money matter: the link between schools, student achievement and adult success*, The Brookings Institution, Whasington, D.C.
- HARTWICK, J.M. (1980): "The Henry George Rule, Optimal Population, and Interregional Equity", *Canadian Journal of Economics*, 13, 695-700.
- HAYES, K.J. (1985): "Congestion measures for local public goods in metropolitan and non-metropolitan cities", *Growth and Change*, 16, 1-9.
- HEIKKILA, E.J. I CRAIG, S.G. (1991): "Nested fiscal impact measures using the new theory of local public goods", *Journal of Regional Science*, 31, 65-81.
- HEIKKILA, E.J. I KANTIOTOU, C.H. (1992), "Calculating fiscal impacts where spatial effects are present", *Regional Science and Urban Economics*, 22, 475-490.
- HEINS, A.J. I W.J. PRIMEAUX(1981): "Regional prices and the conflict between horizontal and vertical equity", *Public Finance Quarterly*, 9, 235-240.
- HENDERSON, J.M. (1968): "Local government expenditures: a social welfare analysis", *Review of Economics and Statistics*, 50, 156-163.
- HERCOWITZ, Z. I PINES, D. (1991): "Migration with fiscal externalities", *Journal of Public Economics*, 46, 163-180.
- HERRERO, C. I VILLAR, A. (1991): "Principios para la distribución del gasto entre las Comunidades Autonómicas", Monografía A-1, IVIE, Valencia.
- HERRERO, C. I VILLAR, A. (1994): "L'assistència sanitària com un problema d'assignació en presència d'objectius inassolibles", en López Casasnovas, G. (dir.): *Analisi Econòmica de la Sanitat*, Generalitat de Catalunya, Dep. de Sanitat i Seguretat Social.

HETTICH, W. I WINER, S. (1986): "Vertical imbalances in the fiscal system of federal states", *Canadian Journal of Economics* 19, 745-765.

HEYNDELS, B. I VUCHELEN, J. (1998): "Tax mimicking among Belgian municipalities", *National Tax Journal*, 51, 89-101.

HILL, M. I BRAMLEY, G. (1986): *Analysing Social Policy*, Blackwell, Oxford.

HINICH, M. (1977): "Equilibrium in spatial voting: the median voter result is an artifact", *Journal of Economic Theory*, 16, 208-219.

HINICH, M. , LEDYARD, J.O. I ORDESHOOK, P.C. (1972): "Nonvoting and the existence of equilibrium under majority rule", *Journal of Economic Theory*, 4, 144-153.

HIRSCH, W.A. (1959): "Expenditure implications of metropolitan growth and consolidation", *Review of Economics and Statistics*, 39, 232-241.

HIRSCH, W.A. (1965): "Cost functions for an urban government service: refuse collection", *Review of Economics and Statistics*, 47, 87-92.

HIRSCH, W.A. (1968): "The supply of urban public services", a PERLOFF, H. I WINGO, L. (eds.): *Issues in Urban Economics*, Johns Hopkins Press, Baltimore.

HIRSCH, W.A. (1973): *Urban Economic Analysis*, McGraw-Hill, New York.

HOERGER, T.J., PICONE, G.A. I SLOAN, F.A. (1994): "Public subsidies, private provision of care and living arrangements of the elderly", *Review of Economics and Statistics*, 78, 428-440.

HOGAN, T. I SHELTON, R. (1973): "Interstate tax exportation and states' fiscal structures", *National Tax Journal*, 26, 553-564.

HOLCOMBE, R.G. I SOBEL, R.S. (1995): "Empirical evidence on the publicness of state legislative activities", *Public Choice*, 83, 47-58.

HOLTZ-EAKIN, D. (1986): "Unobserved tastes and the determination of municipal services", *National Tax Journal*, 39, 527-532.

HOROWITZ, A.R. (1968): "A simultaneous-equation approach to the problem of explaining inter-state differences in state and local government expenditures", *Southern Economic Journal* 34, 459-476.

HOTELLING, H. (1929): "Stability in competition", *Economic Journal* 39, 41-57.

HOXBY, C.M. (1997): "All school finance equalizations are not created equal: (marginal tax rates matter)", Working Paper, Department of Economics, Harvard University (URL: <http://gsbmxn.uchicago.edu/homelabor/hoxby.PDF>).

HOYT, W.H. (1999): "Leviathan, local government expenditures, and capitalization", *Regional Science and Urban Economics*, 29, 155-171.

HSIAO, C. (1986): *Analysis of panel data*. Cambridge University Press. Cambridge.

HUAN, J.CH. (1999): "Improving the estimation precision for a selected parameter in multiple regression analysis: an algebraic approach", *Economic Letters*, 62, 261-264.

HUCKINS, L.E. (1989): "Capital labor substitution in municipal government", *Public Finance Quarterly*, 17, 357-374.

INMAN, R.P. (1979): "The fiscal performance of local governments: an interpretative review", a P.MIESZKOWSKI I W.STRASZHEIM (eds.): *Current issues in Urban Economics*, Johns Hopkins Univ. Press., Baltimore.

INMAN, R.P. (1995): "How to have a fiscal crisis: lessons from Philadelphia", *American Economic Review: Papers & Proceedings*, 378-383.

INMAN, R. I FITTS, M.A.(1979): "Political institutions and fiscal policy: evidence from the US historical record", *Journal of Law, Economics and Organization*, 6, 79-132.

INMAN, R. I RUBINFELD, D. (1979): "The judicial pursuit of local fiscal equity", *Harvard Law Review*, 92, 1662-1750.

INSTITUT D'ESTADÍSTICA DE CATALUNYA (1996): *Estadística de població*. Barcelona.

INSTITUT D'ESTADÍSTICA DE CATALUNYA (1996): *Estadística de l'ensenyament públic a Catalunya*. Barcelona.

INSTITUT D'ESTADÍSTICA DE CATALUNYA (1996): *Cens d'habitatges*. Barcelona.

INSTITUT D'ESTADÍSTICA DE CATALUNYA (1996): *Estadística sobre mobilitat obligada de la població*. Barcelona.

INSTITUT D'ESTADÍSTICA DE CATALUNYA (1996): *Estadística de localització de l'activitat econòmica*. Barcelona.

INSTITUT D'ESTADÍSTICA DE CATALUNYA (1996): *Nomenclador dels municipis de Catalunya*. Barcelona.

JACKMAN, R. (1981): "Estimating expenditure need: The use of regression analysis in England and Wales" a OCDE *Measuring local government expenditure needs: The Copenhagen Workshop*, Urban Management Studies, Paris.

JACKMAN, R. I SELLARS, M. (1977): "The distribution of RSG: the hows and whys of the new needs formula", *CES Review*, 3.

JACKMAN, R. I PAPPADACHI, J. (1981): "Local authority education expenditure in England and Wales", *Public Choice*, 36, 82-99.

JACKSON, A. (1989): "The Scottish client group approach", *Public Policy and Administration*, 4, 35-46.

JØRGENSEN, N. I KABELMAN, T. (1999): "Measuring social expenditure needs - is it possible to be objective? The case of Denmark", Ponència presentada al Congrés Internacinal d'Hisenda Pública, Moscú, Setembre de 1999.

JUDGE, G.G., GRIFFITHS, W.E. I CARTER-HILL, R. (1982): *The theory and practice of econometrics*. Wiley. New York.

KAKWANI, N. (1999): "Economic theory of spatial costs of living indices with application to Thailand", Mimeo, University of New South Wales.

KALSETH, J. I RATTØ, J. (1998): "Political control of administrative spending: the case of local governments in Norway", *Economics and Politics*, 10, 63-82.

KANBUR, R. I KEEN, M. (1993): "Jeux Sans Frontières: Tax Competition and Tax Coordination When Countries Differ in Size", *American Economic Review*, 83, 877-92.

KANGOH LEE(1998): "Uncertain income and redistribution in a federal system", *Journal of Public Economics*, 69, 413-433.

KAPLOW, L. (1997): "Regional cost of living adjustments in tax-transfer Schemes", NBER Working Paper 5008.

KEATING, M. I MIDWINTER, A. (1994): "The politics of central-local grants in Britain and France", *Environment and Planning C: Government and Policy*, 12, 177-194.

KELEJIAN, H.H. I ROBINSON, D.P. (1993): "A suggested method of estimation for spatial interdependent models with autocorrelated errors, with an application to a county expenditure model", *Papers in Regional Science*, 72, 297-312.

KEMPER, P. I QUIGLEY, J. (1976): *The economics of refuse collection*, Ballinger, Mass.

KENYON, D. I KINCAID, J. (1991), (eds): *Competition among States and Local governments*, The Urban Institute Press, Washington D.C.

KIESLING, H.J. (1966): "Measuring a local government service: a study of School Districts in New York state", *Review of Economics and Statistics*, 40, 139-154.

KIM, H.Y. I CLARK, R.M.(1988): "Economies of scales and scope in water supply", *Regional Science and Urban Economics*, 18, 479-502.

KINCAID, J. (1989): "Fiscal capacity and tax effort of the American states: trends and issues", *Public Budgeting and Finance*, 9, 4-26.

KING, D. (1980): "The theory of equalisation grants", Working Paper, 8. Institute for Fiscal Studies, London.

KING, D. (1984): *Fiscal tiers: The economics of multi-level government*, George, Allen & Unwin, London.

KING, D. (1997): "Equalization grants in theory and in England", Workshop on equalisation grants and local expenditure needs, Dep. d'Hisenda Pública, Universitat de Barcelona, febrer de 1997.

KITCHEN, H.M. (1976): "A statistical estimation of an operating cost function for municipal refuse collection", *Public Finance Quarterly*, 4, 56-76.

- KITCHEN, H.M. (1977): "A statistical estimation of an operating cost function for municipal municipal water provision", *Urban Analysis*, 4, 119-133.
- KITCHEN, H.M. (1992): "Urban transit provisions in Ontario: a public/private sector cost comparison", *Public Finance Quarterly*, 20, 93-102.
- KNAPP, M. (1984): *The economics of social care*, Martin Robertson, Oxford.
- KOUTSOYIANNIS, A. (1979): *Modern microeconomics*, McMillan, London.
- KRELOVE, R. (1988): "The theory of equalization payments reconsidered", Working Paper 8819, University of Toronto.
- KRELOVE, R. (1989): "Efficient tax exporting", *Canadian Journal of Economics*, 25, 145-155.
- KRISTOV, L., LINDERT, P. I MCCLELLAND, R. (1992): "Pressure groups and redistribution", *Journal of Public Economics*, 48, 135-163.
- LADD, H.F. (1975): "Local education expenditures, fiscal capacity, and the composition of the property tax base", *National Tax Journal*, 28, 145-158.
- LADD, H.F. (1992): "Mimicking of local tax burdens among neighbouring countries", *Public Finance Quarterly*, 20, 450-467.
- LADD, H.F. (1994a): "Fiscal impacts of population growth: a conceptual and empirical analysis", *Regional Science and Urban Economics*, 24, 661-686.
- LADD, H.F. (1994b): "Measuring disparities in the fiscal condition of local governments", a
Anderson, J.E. (ed.): *Fiscal equalization for state and local government finance*, pp. 21-52,
Praeger in cooperation with the National Tax Association, Westport, Conn. and London.
- LADD, H.F. (1996): *Holding schools accountable: performance-based reform in education*, The Brookings Institution, Whasington, D.C.
- LADD, H.F. (1998): *Local government tax and land use policies in the United States: understanding the links*, Studies in Fiscal Federalism and State-Local Finance, Edward Elgar.
- LADD, H.F. I DOOLITTLE, F. (1982): "Which level of government should assist the poor?", *National Tax Journal*, 35, 323-336.
- LADD, H.F. I YINGER, J. (1989): *American ailing cities: fiscal health and the design of urban policy*, The Johns Hopkins University Press, Baltimore & London.
- LADD, H.F. I YINGER, J. (1994): "The case for equalizing aid", *National Tax Journal*, 47, 211-224.
- LADD, H.F., RESCHOVSKY, A. I YINGER, J. (1991): *Measuring the fiscal conditions of cities in Minnesota, final report*, prepared for the Minnesota Legislative Commission on Planning and Fiscal Policy.

- LANDON, S. i RYAN, D.L. (1997): "The political cost of taxes and government spending", *Canadian Journal of Economics*, 30, 85-111.
- LAYARD, R. i WALTERS, A. (1978): *Microeconomic theory*, McGraw-Hill, New York.
- LAYFIELD REPORT (1976): *Report of the Committee of Inquiry into Local Government Finance*, Chairman Frank Layfield (QC), Cmnd 6453, HMSO, London.
- LAZEAR, E.P. i ROSEN, S. (1981): "Rank order tournaments as optimal labour contracts", *Journal of Political Economy*, 89, 841-64.
- LE GRAND, J. (1975): "Fiscal equity and central government grants to local authorities", *Economic Journal*, 85, 531-47.
- LE GRAND, J. (1977): "Fiscal equity and central government grants to local authorities - a reply", *Economic Journal*, 87, 780-82.
- LE GRAND, J. (1982): *The strategy of equality*, George Allen & Unwin.
- LE GRAND, J. (1991): *Equity and Choice*, Harper Collins, London.
- LE GRAND, J. i RESCHOVSKY, A. (1971): "Concerning the appropriate formula for achieving horizontal equity through Federal Revenue Sharing", *National Tax Journal*, 24, 475-486.
- LOCKWOOD, B. (1998): "Distributive politics and the benefits of decentralization", Working Paper 10/98, Centre for the Study of Globalisation and Regionalisation, University of Warwick.
- LINDBECK, A. i WEIBULL, J. (1988): "Balanced-budget redistribution as the outcome of political competition", *Public Choice*, 52, 273-297.
- LOCKWOOD, B. (1999): "Inter-regional insurance", *Journal of Public Economics*, 72, 1-37.
- LÓPEZ , G. (1999): "Financiación autonómica y gasto sanitario público en España", Estudios sobre la economía española, 35, FEDEA.
- LÓPEZ LABORDA, J. (1998): "Autonomía, responsabilidad y nivelación en la financiación autonómica", *Economía Aragonesa*, 6-7, 131-146.
- LÓPEZ, G., i CORONA, J. (1992): *Estudi sobre el sistema de finançament de la Sanitat*, Departament de Sanitat, Generalitat de Catalunya.
- LÓPEZ, G., VALOR, J. i ARTAL, R. (1991): "Distribución equitativa de recursos y ajuste por variaciones geográficas en el coste de provisión de servicios públicos: el caso de los servicios sanitarios", *Revista de Economía Pública*, 9, 53-65.
- LOTZ, J.R. (1997): "Denmark and other Scandinavian countries: equalization and grants", en Ahmad (ed.): *Financing decentralized expenditures*, Studies in Fiscal Federalism and State-Local Finance, Edward Elgar.

- LUCE, T., (1998): "Regional tax base sharing: the Twin Cities experience", a Ladd, H.F. (ed.): *Local government tax and land use policies in the United States: understanding the links*, Studies in Fiscal Federalism and State-Local Finance, Edward Elgar.
- LUKES, S. (1974): *Power: a radical view*. McMillan, London.
- LYALL, K.C. (1975): "Tax base sharing: a fiscal aid toward more rational land use planning", *Journal of the American Institute of Planners*, 41, 90-100.
- LYNN, J.H. (1968): *Comparing provincial tax yields: the tax indicator approach*, Canadian Tax Paper 47, Canadian Tax Foundation, Toronto.
- MACDOUGALL REPORT (1977): *Report of the study group on the role of public finance in European integration*, Commission of the European Communities, Vol. 1, General Report.
- MALINVAUD, E. (1970): *Métodos estadísticos de la econometría*. Ariel.
- MANASSE . P. I SCHULTZ, C. (1999): "Regional redistribution and migration", IGIER Working Paper.
- MANSOORIAN , A. I MYERS, G. (1993): "Attachment to home and efficient purchases of population in a fiscal externality economy", *Journal of Public Economics*, 52, 117-132.
- MANWARING, R.L. I SHEFFRIN, S.M. (1997): "Litigation, school finance reform and aggregate educational spending", *International Tax and Public Finance*, 4, 107-127.
- MARDIA, K.V., KENT, J.T. I BIBBY, J.M. (1989): *Multivariate analysis*. Harcourt Brace Jovanovich. Londres
- MARTIN, S. Y SMITH, P. (1996): "Explaining variations in inpatient length of stay in the National Health Service", *Journal of Health Economics*, 15, 279-304
- MAS, M. (1991): "Restricción presupuestaria y estructura de gasto de las Comunidades Autónomas, 1986-1990", *La financiación de las Comunidades Autónomas*, Monografía A-21, Instituto Valenciano de Investigaciones Económicas (IVIE).
- MAS, M. I PÉREZ, F. (1992): "El gasto de las Comunidades Autónomas: estructura y preferencias", *Información Comercial Española*, 712, 51-57.
- MAS, M., PÉREZ, F. I URIEL, E. (1993): "Dotaciones de capital público y su distribución regional en España", *Monografía IVIE*, Valencia.
- MATAS, A. (1990): "Características técnicas i eficiencia de las empresas de transporte urbano de superficie", Documentos de Trabajo 67, FIES.
- MATAS, A. (1991): "La demanda de trasnporte urbano: elasticidades y tiempo", *Investigaciones Económicas*, 25, 249-68.
- MATHEWS, R.L. (1975) (ed.): "Fiscal federalism in Australia: the methodology of the Grants Commission", *Finanzarchiv*, 34.

MATHEWS, R.L. (1977): "Mechanisms for fiscal equalisation in an integrating European Community", a MACDOUGALL REPORT (1977): *Report of the study group on the role of public finance in European integration*, Commission of the European Communities.

MATHEWS, R.L. (1980) (ed.): *Revenue Sharing in federal systems*, Research Monograph 31, Centre for Research on Federal Financial Relations, The Australian National University, Canberra.

MAY, R.J. (1971): *Financing the small states in Australian federalism*, Oxford University Press, Melbourne.

MAYSHAR(1991): "On measuring the marginal cost of funds analytically ", *American Economic Review*, 81, 13-29.

MCGUIRE, M.C. (1990): "Mixed Public-Private Benefit and Public-Good Supply with Application to the NATO Alliance", *Defence Economics*, 1, 17-35.

MCKELVEY, R. (1975): "Policy related voting and electoral equilibria", *Econometrica*, 43, 815-844.

MCLARTY, R.A. (1997): "Econometric analysis and public policy: the case of fiscal need assessment", *Canadian Public Policy*, 23, 203-211.

MCMILLAN, M.L., WILSON, R.W., I ARTHUR, L.M. (1981): "The publicness of local public goods: evidence from Ontario municipalities", *Canadian Journal of Economics*, 14, 596-608.

MCMILLAN, M.L. (1989): "On measuring congestion of local public goods", *Journal of Urban Economics*, 26, 131-137.

MEANS, T.S. I MEHAY, S.L.(1995): "Estimating the publicness of local government services: alternative congestion function specifications", *Southern Economic Journal* 61, 614-627.

MÉLITZ, J. I ZUMER, F. (1998): "Regional redistribution and stabilization by the centre in Canada, France, The United Kingdom and the United States: new estimates bases on panel data econometrics", CEPR Discussion Paper 1829.

MIDWINTER, A. (1984): *The politics of local spending*, Mainstream Publ., Edinburgh.

MILLS, E.S. (1997): "Inner cities", *Journal of Economic Literature*, 35, 727-756.

MINISTERIO DE ECONOMÍA Y HACIENDA (1995), *Liquidación de presupuestos de las corporaciones locales*. D.G. de Coordinación de las haciendas territoriales. Madrid.

MINISTERIO DE ECONOMÍA Y HACIENDA (1995), *Imposición local. Tipos de gravamen, índices y coeficientes*. D.G. de Coordinación de las haciendas territoriales. Madrid.

MINISTERIO DE ECONOMÍA Y HACIENDA (1995), *Censo de entes del sector público local*. D.G. de Coordinación de las haciendas territoriales. Madrid.

MINISTERIO DE ECONOMÍA Y HACIENDA (1995), *Catastro inmobiliario urbano. Estadísticas básicas por municipios*. Centro de gestión catastral y cooperación tributaria. Madrid.

- MINTZ, J. I TULKENS, H. (1986): "Commodity tax competition between member states of a federation: equilibrium and efficiency", *Journal of Public Economics*, 29, 133-72.
- MIÑANA, J. (1996): "Un sistema alternativo de participación incondicional Municipal en los tributos propios del gobierno superior", *Hacienda Pública Española*, 137, 55-69.
- MONASTERIO, C., PÉREZ, F., SEVILLA, J.V. I SOLÉ, J. (1995): *Informe sobre el actual sistema de financiación autonómica y sus problemas*, Instituto de Estudios Fiscales, Madrid.
- MORGAN, D. (1974): "An alternative measure of fiscal capacity", *National Tax Journal*, 27, 361-365.
- MORGAN, M., MAYS, N. Y HOLLAND, W. (1987): "Can hospital use be a measure of need for health care?", *Journal of Epidemiology and Community Health*, 41, 269-274.
- MORROW(1994): *Game theory for political scientists*, Princeton University Press, Princeton and Chichester, U.K.
- MUELLER, D. (1989): *Public Choice II*, Cambridge University Press, Cambridge.
- MURDOCH, J.S., I SANDLER, T. (1984): "Complementarity, free riding, and the military expenditure of NATO", *Journal of Public Economics*, 25, 83-101.
- MURDOCH, J.S., SANDLER, T. I HANSEN, L. (1991): "An economic technique for comparing median voter and oligarchy choice models of collective action: the case of NATO alliance", *Review of Economics and Statistics*, 73, 624-631.
- MURDOCH, J.S., RAHMATIAN, M. I THAYER, M.A. (1993): "A spatially autoregressive model of recreation expenditures", *Public Finance Quarterly*, 21, 334-350.
- MURRAY, S.E., EVANS, W.N. I SCHWAB, R.M. (1998): "Education-Finance reform and the distribution of educational resources", *American Economic Review*, 88, 789-812.
- MUSGRAVE, R. (1959): *The Theory of Public Finance*, McGraw-Hill, New York.
- MUSGRAVE, R. (1961): "Approaches to a fiscal theory of political federalism", a *Public Finances: needs sources and utilisation*, NBER, Princeton University Press, Princeton.
- MYERS, G. (1990): "Optimality, free mobility and regional authority in a federation", *Journal of Public Economics*, 43, 107-121.
- NALEBUFF, B.J. I STIGLITZ, J.E. (1983a): "Prizes and incentives: toward a general theory of compensation a competition", *Bell Journal of Economics*, 14, 21-43
- NALEBUFF, B.J. I STIGLITZ, J.E. (1983b): "Information, competition and markets", *American Economic Review*, 73, 278-83.
- NEENAN, W.B. (1972): *Political economy of urban areas*, Markham Publishing Company, Chicago.

NEW SOUTH WALES GRANTS COMMISSION(1998a): "Financial assistance grants to local governments".

NEW SOUTH WALES GRANTS COMMISSION(1998b): *Annual Report 98/99*.

NEWHOSE, J.P. (1981): "The demand for medical care services: a retrospect and prospect", en VAN DER GAAG, J. Y PERLMAN, M. (eds.): *Health, economics, and health economics*. North Holland Publishing Company.

NEWHOSE, J.P. i PHELPS, C.E. (1974): *On having your cake and eating it too: econometric problems in estimating the demand for health services*. The Rand Corporation.

NEWMAN, R.J. i SULLIVAN, D. (1988): "Econometric analysis of business tax impacts on industrial location: what do we know and how do we know it?", *Journal of Urban Economics*, 23, 215-34.

NICHOLSON, R.J. i TOPHAM, N. (1971): "The determinants of investment in housing by local authorities: an econometric approach", *Journal of the Royal Statistical Society A*, 134, 273-303.

NISKANEN, W.A. (1971): *Bureaucracy and representative government*, Aldine-Atherton, Chicago.

NOLAN, B. (1993): "Economic incentives, health status and health services utilization", *Journal of Health Economics*, 12, 151-169.

NORTHERN TERRITORY GRANTS COMMISSION(1998): *Report on Financial assistance (general purpose) grants*.

NOVALES, A. (1992): *Econometria*. McGraw-hill.

O'KEEFE, M., VISCUSI, W.K. i ZECKHAUSER, R.J. (1984): "Economic contests: comparative reward schemes", *Journal of Labor Economics*, 2, 27-56.

OAKLAND, W.H. (1978): "Local taxes and intraurban industrial location: survey", *Metropolitan financing and growth management policies*, Proceedings of a Symposium Sponsored by the Committee on Taxation, Resources and Economic Development (TRED) at the University of Wisconsin, Madison.

OAKLAND, W.H. (1994a): "Fiscal equalization: an empty box?", *National Tax Journal*, 47, 199-209.

OAKLAND, W.H. (1994b): "Recognizing and Correcting for Fiscal Disparities: A Critical Analysis", a Anderson, J.E. (ed.): *Fiscal equalization for state and local government finance*, pp. 1-19, Praeger in cooperation with the National Tax Association, Westport, Conn. and London.

OATES, W.E. (1969): "The effects of property taxes and local public spending on property values: an empirical study of tax capitalization and the Tiebout hypothesis", *Journal of Political Economy*, 77, 957-971.

OATES, W.E. (1972): *Fiscal Federalism*, Harcourt Brace Jovanovich, New York.

- OATES , W.E. (1973): "The effects of property taxes and local public spending on property values: a reply and yet further results", *Journal of Political Economy*, 81, 1004-1008.
- OATES , W.E. (1979): "Lump-sum intergovernmental grants have price effects" a MIESZKOWSKI, P. i OAKLAND, W.H. (eds). *Fiscal federalism and grants-in-aid*. Coupe Papers on Public Economics. Urban Institute. Washington DC.
- OATES, W.E. (1977): "Fiscal federalism in theory and practice: applications to the European Community", a MACDOUGALL REPORT (1977): *Report of the study group on the role of public finance in European integration*, Commission of the European Communities.
- OATES, W.E. (1988): "On the measurement of congestion in the provision of local public goods", *Journal of Urban Economics*, 24, 85-94.
- OCDE (1981): *Measuring local government expenditure needs: The Copenhagen Workshop*, Urban Management Studies, Paris.
- OHSAWA, Y. (1999): "Cross-border shopping and commodity tax competition among governments", *Regional Science and Urban Economics*, 29, 33-51.
- OLSON, M. (1965): *The logic of collective action*, Harvard University Press, Cambridge.
- PAULY, M. (1970): "Optimality, 'public' goods and local governments: a general theoretical analysis", *Journal of Political Economy*, 78, 572-585.
- PELTZMAN, S. (1990): "How efficient is the voting market?", *Journal of Law and Economics*, 33, 27-63.
- PELTZMAN, S. (1992): "Voters as fiscal conservatives", *Quarterly Journal of Economics*, 107, 327-361.
- PÉREZ, F. (1991): "La inestabilidad del sistema de financiación autonómica", *De Economía Pública*, 12, 161-184.
- PERKINS, G.M. (1977): "The demand for local public goods: elasticities of demand for own prices, cross prices and income", *National Tax Journal*, 30, 411-419.
- PERSSON, T. i TABELLINI, G. (1996): "Federal fiscal constitutions: Risk sharing and redistribution", *Journal of Political Economy*, 104, 979-1009.
- PETCHEY, J.D. (1993): "Equalization in a federal economy with inter-state migration", *Australian Economic Papers*, 32, 336-354.
- PETCHEY, J.D. (1995): "Resource rents, cost differences and fiscal equalization", *Economic Record*, 71, 343-53..
- PETCHEY, J.D., SHAPIRO, P. i WALSH, C. (1997): "Transfers in federal systems: a critical survey", a Fisher, R.C. (ed.): *Intergovernmental Fiscal Relations*, Kluwer, Boston.
- PETERSON, P. i ROM, M. (1989): "American federalism, welfare policy and residential choices", *American Political Science Review*, 83, 711-728.

- PFINGSTEN, A. I I WAGENER, A. (1997): "Centralized vs. decentralized redistribution: a case for interregional transfer mechanisms", *International Tax and Public Finance*, 4, 429-451.
- PHELPS, C.D. (1969): "Real and monetary determinants of state and local highway investment", *American Economic Review*, 59, 507-521.
- POSNETT, J. I SANDLER, T. (1986): "Joint supply and the finance of charitable activity", *Public Finance Quarterly*, 14, 209-222.
- POTERBA, J.M. (1995): "Capital budgets, borrowing rules, and state capital spending", *Journal of Public Economics*, 56, 165-187.
- PREST, A.R. (1978): "The taxable capacity of a country", a TOYE, J.F. (ed.): *Taxation and economic development*, Frank Cass, London.
- PRICE WATERHOUSE (1983): *Value for money auditing manual: the investigation of economy, efficiency and effectiveness*, Gee & Co., London.
- RAFF, H. I WILSON, J.D. (1995): "Income redistribution with well-informed local governments", Mimeo, University of Indiana.
- RAFUSE, R.W. JR. (1990): *Representative expenditures: addressing the neglected dimension of fiscal capacity*, Information Report, Advisory Commission on Intergovernmental Relations.
- RAFUSE, R.W. JR. I MARKS, L.R. (1991): *A comparative analysis of fiscal capacity, tax effort and public spending among localities in the Chicago metropolitan region*, U.S. Advisory Commission on Intergovernmental Relations.
- RAFUSE, R.W. JR., MARKS, L.R. I COHEN, C.E. (1990): *Local government spending in Maryland: needs and performance*, Final Report for the Commission on State Taxes and Tax Structure, State of Maryland.
- RAO, C.R. (1965): *Linear statistical inference and its applications*. Wiley. New York.
- RAO, M.G. I AGGARWAL, V. (1991): "Central transfers to offset fiscal disadvantages of the states: measurement of cost disabilities and expenditure needs", *Indian Economic Review*, 26, 13-34.
- RATCLIFFE, K., RIDDLE, B. I YINGER, J. (1990): "The fiscal condition of school districts in Nebraska: is small beautiful?", *Economics of Education Review*, 9, 81-99.
- RAUCH, J. (1993): "Productivity gains from the geographic concentration of human capital", *Journal of Urban Economics*, 34, 380-400.
- REAL STATE RESEARCH CORPORATION (1974): *The costs of sprawl*. Council of Environmental Quality, Departement of Housing and Urban Development and Environmental Protection Agency. Washington DC.
- REEVES, H.C.(1986), (ed.): *Measuring fiscal capacity*, pp. 87-140, Oelgeschlager, Gunn & Hain, Boston.

- REISCHAUER, R.D. (1974): *Rich governments-poor governments: determining the fiscal capacity and revenue requirements of state and local government*, The Brookings Institution, Whasington.
- REITER, M. i WEICHENRIEDER, A. (1997): "A critical survey on the demand estimates for local public services", *Finanzarchiv*, 54, 374-408.
- RESCHOVSKY, A. (1980): "An evaluation of metropolitan area tax base sharing", *National Tax Journal*, 33, 55-66.
- RESCHOVSKY, A. (1994): "Fiscal equalization an school finance", *National Tax Journal*, 47, 185-196.
- RHODES, T.B. i BAILEY, S. (1979): "Equity, statistics and the distribution of the Rate Support Grant", *Policy and Politics*, 83-97.
- RICE, N. i JONES, A. (1997): "Multilevel models and health economics", *Health Economics*, 6, 561-575.
- RIDGE, M. (1996): *Local public finance in Europe: the case of United Kingdom*, Research Report on behalf of the European Commission.
- ROEMER, J.E. (1994): "Equality of resources imply equality of welfare", *Quarterly Journal of Economics*, 104, 751-784.
- ROGOFF, K. (1990): "Equilibrium political business cycles", *American Economic Review*, 80, 21-36.
- ROMER, T. i ROSENTHAL, H. (1979): "The elusive median voter", *Journal of Public Economics*, 12, 143-170.
- ROTHENBERG, J. (1998): "Poverty and urban public expenditures", *Urban Studies*, 35, 1995-2019.
- ROWELL-SIROIS COMMISSION (1940): *Report of the Royal Commission on Dominion-Provincial Relations*, King's Printer, Ottawa.
- ROUBINI, N. i SACHS, J. (1989): "Political and economic determinants of budget deficits in industrial democracies", *European Economic Review*, 33, 903-938.
- ROYSTON, G.H.D., HORST, J.W., LISTER, E.G i STEWART, P.A. (1992): "Modeling the use of health services by populations of small areas to inform the allocation of central resources to larger regions", *Socioeconomic planning sciences*, 26, 169-180.
- RUBINFELD, D. (1987): *The economics of the local public sector*, a: Auerbach, A. i Feldstein, M. (eds.): *Handbook of Public Economics*, North-Holland, Amsterdam.
- RUGGIERI, G.C., VAN WART, D. , ROBERTSON, G.K. i HOWARD, R. (1993): "Vertical fiscal imbalance and the reallocation of tax fields in Canada", *Canadian Public Policy*, 19, 194-215.

RYE, C.R. I SEARLE, B. (1997): "The fiscal transfer system in Australia", en Ahmad, E. (ed.): *Financing decentralized expenditures, Studies in Fiscal Federalism and State-Local Finance*, Egward Elgar.

SAAVEDRA, I. (1999): "A model of welfare competition with evidence from AFDC", Treball presentat al Workshop on Fiscal Competition in Europe, ZEW, Manheim.

SALA-I-MARTIN, X. I SACHS, J. (1992): "Fiscal federalism and optimum currency areas: evidence for Europe from the United States", a Canzoneri, M.P., Masson, P. i Grilli, V. (eds.): *Establishing a Central Bank: Issues in Europe and Lessons from the U.S.*, Cambridge University Press, London.

SALMON, P. (1987): "Decentralisation as an incentive scheme", *Oxford Review of Economic Policy*, 3, 24-43.

SÁNCHEZ, F.I. (1995): "Aplicación del análisis de correspondencias al estudio de las dotaciones de infraestructura municipal", *Revista Asturiana de Economía*, 4, 209-230.

SANDLER, T. (1977): "Impurity of defense: an application to the economics of alliances", *Kyklos*, 30, 443-460.

SANDLER, T. I TSCHIRHART, J.T. (1980): "The economic theory of clubs: an evaluative survey", *Journal of Economic Literature*, 18, 1481-1521.

SANROMÀ, E. I RAMOS, R. (1998): "Interprovincial wage differences in Spain. A microdata analysis". Documents de Treball de la Divisió de CC Jurídiques, econòmiques i Socials. Collecció d'Economia. E98/23.

SCOTTISH OFFICE (1991): "A description of the client group approach", Scottish Office Central Research Unit, New St. Andrews School, Edinburgh.

SCHRAM, A. I VAN WINDEN, F. (1989): "Revealed preferences for public goods: applying a model of voter behaviour", *Public Choice*, 60, 259-282.

SCHATTSCHEIDER, E.E.(1935): "Politics, pressures, and the tariff", Prentice-Hall, Englewood Cliffs.

SCHAWB, R.M. I ZAMPELLI, E.M. (1987): "Disentangling the demand function from the production function for local public services", *Journal of Public Economics*, 33, 245-260.

SCHWARTZ, A.E. (1997): "Public characteristics and expenditures on public services: an empirical analysis", *Public Finance Review*, 25, 163-181.

SEN, A. I SRIVASTAVA, M. (1990): *Regression analysis*. Springer Verlag.

SENIOR, M.L. (1994): "The English Standard Spending Assessment system: an assessment of the methodology", *Environment and Planning C: Government and Policy*, 12, 23-51.

SHAH, A. (1983): "Municipal fiscal needs and provincial-municipal unconditional transfers in Canada", Discussion Paper, Finance Canada, Ottawa.

- SHAH, A. (1984a): "Alternative approaches to the measurement of expenditure needs of Canadian provinces", Discussion Paper, Finance Canada, Ottawa.
- SHAH, A. (1984b): "Interprovincial differences in relative employment costs in the public and the private sectors: a statistical report", Discussion Paper, Finance Canada, Ottawa.
- SHAH, A. (1994): "The reform of intergovernmental fiscal relations in developing and emerging market economies", Policy Research Working Paper 23, The World Bank.
- SHAH, A. (1996a): "A fiscal needs approach to equalization transfers in a decentralized federation", World Bank, International Economics Department. Policy, Planning and research working papers.
- SHAH, A. (1996b): "A fiscal need approach to equalization", *Canadian Public Policy*, 22, 99-115.
- SHAPIRO, P. I PAPADAKIS, S. (1993): "Citizen preference and public education in Australia: an analysis of interstate differences", *Economic Record*, 69, 149-162.
- SHAPIRO, P. I PETCHEY, J. (1994): "Federal stability and secession", Working Papers in Economics 18/94, University of California, Santa Barbara.
- SHAPIRO, P. I PETCHEY, J. (1996): "Confederation and Federation: The Assignment of Authority with Inter-State Migration", Mimeo.
- SHAPIRO, P., PETCHEY, J.CORAM, B.T. (1996): "Federal stability, secession, and uniform tax sharing: an application of the Theory of the Core", Federalism Research Centre, Australian Nation University, Canberra.
- SHAPIRO, P., PETCHEY, J. I CORNES, R. (1997): "Autarky, confederation and federation", Working Papers in Economics 02/97, University of California, Santa Barbara.
- SHLEIFER, A. (1985): "A theory of yardstick competition", *The Rand Journal of Economics*, 16, 319-327.
- SHRODER, M. (1995): "Games the states don't play: welfare benefits and the Theory of Fiscal Federalism", *Review of Economics and Statistics*, 77, 183-91.
- SILVA, F. I SONSTELIE, J.S. (1994): "Did Serrano cause a decline in school spending?", Mimeo, Department of Economics, University of California, Santa Barbara.
- SMART, M. (1996): "Taxation incentives and Deadweight Loss in a System of Intergovernmental Transfers", Working Paper 3/96, Institute for Policy Analysis, University of Toronto.
- SMART, M. (1998): "Taxation incentives and Deadweight Loss in a System of Intergovernmental Transfers", *Canadian Journal of Economics*, 31, 189-206.
- SMITH, P. (1996), (ed.): *Measuring outcome in the public sector*, Taylor-Francis, London.
- SÖDERSTROM, L. (1990): "Fiscal federalism: the Nordic countries style", en Prud'homme, R. (ed.): *Public finance with several levels of government*, Proceedings of the 46th Congress of the International Institute of Public Finance.

SÖDERSTROM, L. (1998): "The Nordic experience of local income taxation", Treball presentat al seminari *Tendències actuals en el finançament dels governs locals*, UIMP, Barcelona, Juilol de 1998.

SOLÉ OLLÉ, A. (1999): "Tax exporting and redistributive politics: an empirical analysis of the determinants of the local tax structure", *Public Finance/Finances Publiques*, 1/1997, 102-124.

SOLÉ VILANOVA, J. (1990): "La Hacienda Municipal española ante los años noventa. Análisis y cumplimiento de sus principios económico-constitucionales", *De Economía Pública*, 9, 72-112.

SOLÉ VILANOVA, J. (1992): "El impuesto sobre bienes inmuebles en la hacienda municipal española", *Catastro*, 14, 18-51.

SOTILLOS, I. (1997), *El comportamiento electoral municipal español, 1979-95*. Centro de Investigaciones Sociológicas. Madrid.

SPAHN, P.B. (1997): "Intergovernmental transfers in Switzerland and Germany", en Ahmad, E. (ed.): *Financing decentralized expenditures, Studies in Fiscal Federalism and State-Local Finance*, Egward Elgar.

SPARROW, F.T. (1986): "The subsidy value and incidence of tax expenditures which benefit state and local governments. The case of the property tax" a *Federal- State-Local fiscal relations. Technical papers*. Department of the Treasury.

SRIVASTAVA, D.K. i AGGARWAL, P.K. (1994): "Revenue sharing criteria in federal fiscal systems: some similarities and differences", *Public Finance*, 49, 440-459.

STARRET, D.A. (1980): "On the method of taxation and the provision of local public goods", *American Economic Review*, 70, 380-392.

STARRET, D.A. (1982): "On the method of taxation and the provision of local public goods: a reply", *American Economic Review*, 72, 852-853.

STEPHENSON, S.C. i HEWET, R.S. (1984): "Strategies for states in fiscal competition", *National Tax Journal*, 38, 295-316.

STEVENS, B.J.(1978): "Scale, market structure, and the cost of refuse collection", *Review of Economics and Statistics*, 60, 438-448.

STIGLER, G. (1957): "The tenable range of functions of local governments", a *Joint Economic Committee, Federal Expenditure Policy for Economic Growth and Stability*, U.S. Government Printing Office, Washington, D.C.

STØRM, B. (1995): "Envy, fairness and political influence in local government wage determination: Evidence for Norway", *Economica*, 62, 389-409.

SUÁREZ, J. (1988): "Una estimación de las necesidades de gasto de los municipios de menor dimensión", *Hacienda Pública Española*, 113, 119-146.

SUÁREZ, J. (1990): "A propósito de la Hacienda Municipal española", *De Economía Pública*, 9, 49-71.

- SUÁREZ, J. (1995): "Las haciendas locales en la democracia: un balance", *Papeles de Economía Española*, 69, 227-251.
- SUDELL, A.J., HORNER, S., JOLLY, U. Y PAIN, C. (1991): "Length of stay in general medical beds: implications for the NHS White Paper of variance within one performance indicator", *Journal of Public Health and Medicine*, 132, 88-96.
- SUMMERS, A.A. I WOLFE, B.L. (1977): "Do schools make a difference?", *American Economic Review*, 67.
- TAYLOR, C. (1991): "Estimating health need for resource allocation using 1991 Census", *DoH letter 9 July*, NHS Management Executive, London.
- TEMPLE, J. (1994): "The debt-tax choice in the financing of state and local capital expenditures", *Journal of Regional Science*, 34, 529-547.
- THOMAS, R.W., I WARREN, E.S. (1997): "Evaluating the role of regression methods in the determination of Standard Spending Assessments", *Environment and Planning C: Government and Policy*, 15, 53-72.
- THRING, J.B. (1976): *Variations in development costs*, Annex 7 de Resource Issues Report, DSPSE, Strategy fir the South East: 1976 Review, DoE, London.
- THUROW, L. (1970): "Aid to State and Local governments", *National Tax Journal*, 23, 23-35.
- TICKNER, G. I McDAVID, J. (1986): "Effects of scale and market structure on the costs of residential solid waste collection in Canadian cities", *Public Finance Quarterly*, 14, 371-393.
- TIEBOUT, C.M. (1956): "A pure theory of local expenditure", *Journal of Political Economy*, 64, 416-424.
- TOBIN, J. (1970): "On limiting the domain of inequality", *Journal of Law and Economics*, 13, 263-277.
- TOPHAM , N. (1983): "Local government economics" a MILLWARD (ed.): *Public sector economics*. Longman, Londres.
- TOPHAM , N. (1984): "A reappraisal and recalculation of the marginal cost of public funds", *Public Finance*, 39, 394-405.
- TREFF, K. I COOK, T. (eds.) (1995), *Finances of the nation*. Canadian tax Foundation. Toronto
- TRESCH, J. (1981): *Public finance: a normative theory*, Business Applications, INC., Plano, Texas.
- TRIEST, R. (1990): "The relationship between the marginal cost of public funds and marginal excess burden ", *American Economic Review*, 80, 557-66.
- TULLOCK, G. (1974): "More on the welfare costs of transfers", *Kyklos*, 27, 378-381.

TULLOCK, G. (1980): "Efficient rent-seeking", en J.M. BUCHANAN, R.D. TOLLISON, i G. TULLOCK (eds.): *Towards a theory of the rent seeking society*, Texas A&M University Press, College Station.

TURNBULL, G. (1987): "Alternative local public education expenditure functions: an econometric evaluation", *Public Finance Quarterly*, 15, 45-60.

TURNBULL, G. (1992): "Fiscal illusion, uncertainty, and the flypaper effect", *Journal of Public Economics*, 48, 207-223.

TURNBULL, G. (1998): "The overspending and flypaper effects of fiscal illusion: theory and empirical evidence", *Journal of Urban Economics*, 44, 1-26.

USHER (1977): "Public property and the effects of migration upon other residents of the migrants' countries of origin and destination", *Journal of Political Economy*, 85, 1001-20.

USHER, D. (1984): "An instructive derivation of the expression for the marginal cost of public funds", *Public Finance*, 39, 406-411.

VAN DER GAAG, J. Y. WOLFE, B.L. (1991): "Estimating demand for medical care: health as a critical factor for adults and children", en Duru et alt. (eds.): *Econometrics of Health Care*, Kluwer Academic Publ., Netherlands.

VAN DER HOEK, P. (1989): "Pay differentials between the private and the public sector in the Netherlands", *Public Finance Quarterly*, 17, 84-95.

VARIAN, H. (1992): *Análisis microeconómico*, Antoni Bosch ed., Barcelona.

VON HAGEN, J. (1992): "Fiscal arrangements in a Monetary Union: Evidence from the US", en Fair, F. i de Boissieu (eds.): *Fiscal Policy, Taxation, and the Financial System in an Increasingly Integrated Europe*, Kluwer, Boston.

WALSH, C. (1989), (ed.): *Fiscal equalisation allocative efficiency and state business undertakings: the Commonwealth Grants Commission 1988 Report on Relativities*, Federalism Research Centre, Australian National University, Canberra.

WALSH, C. i THOMSON, N. (1993), (eds.): *Federal fiscal arrangements in Australia: their potential on urban settlement*, Federalism Research Centre, Australian National University, Canberra.

WASYLENKO, M. (1981): "The location of firms: the role of taxes and fiscal incentives", *Urban Affairs Annual Reviews*, 20, 155-189.

WASYLENKO, M. i YINGER, J. (1988): *Nebraska comprehensive study, final report*, Metropolitan Studies Program, The Maxwell School, Syracuse University.

WATSON, W. (1986): "An estimate of the welfare gains from fiscal equalization", *Canadian Journal of Economics*, 19, 298-308.

WEINGAST, B.R., SHEPSLE, K.A. i JOHNSEN, C. (1981): "The political economy of benefits and costs: a neoclassical approach to distributive politics", *Journal of Political Economy*, 89, 642-664.

- WENDING, W. (1981): "The cost of education index: measurement of price differences of education personnel among New York State School Districts", *Journal of Education Finance*, 6.
- WESTERN TERRITORY GRANTS COMMISSION(1998): "Allocation of Financial assistance grants, information paper", Information Paper (URL: <http://www.dlg.wa.gov.au/pub/docs/grants%20commission/process.htm>).
- WHITE , M.J. (1998): "Comment to Ladd's 'Effects of taxes on economics activity' ", a Ladd, H.F. (1998) (ed.): *Local government tax and land use policies in the United States: understanding the links*, Edward Elgar, Cheltenham, UK.
- WHITTMAN, R.D. (1986): "Cost as a factor in federal grant allocation", en Rafuse, R.W. Jr (ed.): *Federal-State-Local Fiscal Relations, Technical Papers, Vol.II*, Department of the Treasury, Office of State and Local Finance, Whasington D.C.
- WILDASIN, D.E. (1980): "Locational efficiency in a federal system", *Regional Science and Urban Economics*, 10, 453-471.
- WILDASIN, D.E. (1982): "More on the neutrality of land taxation", *National Tax Journal*, 35, 105-115.
- WILDASIN, D.E. (1983): "The welfare effects of intergovernmental grants in an economy with independent jurisdictions", *Journal of Urban Economics*, 13, 147-164.
- WILDASIN, D.E. (1984): "Public good provision with distortionary taxation", *Economic Inquiry*, 32, 227-243.
- WILDASIN, D.E. (1986): *Urban Public Finance*, Hardwood Academic Publishers.
- WILDASIN, D.E. (1987): "The demand of public goods in the presence of tax exporting", *National Tax Journal*, 35, 591-601.
- WILDASIN, D.E. (1991): "Income redistribution in a common labor market", *American Economic Review*, 81, 757-774.
- WILDAVSKY, A. (1965): *The politics of the budgetary process*, Little Brown, Boston.
- WILDAVSKY, A. (1988): *The new politics of the budgetary process*, Harper Collins Publ.
- WILSON, J.D. (1986): "The theory of interregional tax competition", *Journal of Urban Economics*, 19, 296-315.
- WILSON, J.D. (1991): "Tax Competition with Interregional Differences in Factor Endowments", *Regional Science and Urban Economics*, 21, 423-51.
- WILLIAMS, A. (1966): "The optimal provision of public goods in a system of local governments", *Journal of Political Economy*, 74, 18-33.
- WINDLE, R.J. (1988): "Transit policy and the cost structure of urban bus transportation", a DOGSON, J.S. I TOPHAN (eds.): *Bus deregulation and privatization*, Brookfield, USA.

- WINER, S.L. i GAUTHIER, D. (1982): *Internal migration and fiscal structure: an economic study of the determinants of interprovincial migration in Canada*, Economic Council of Canada, Ottawa.
- WITTMAN, D. (1977): "Candidates with policy preferences: a dynamic model", *Journal of Economic Theory*, 14, 180-189.
- WITTMAN, D. (1983): "Candidate motivation: a synthesis of alternatives", *American Political Science Review*, 77, 142-57.
- WITTMAN, D. (1990): "Spatial strategies when candidates have policy preferences", a J.ENELOW i M.HINICH (eds.): *Advances in the spatial theory of voting*, Cambridge University Press.
- WITTMAN, D. (1995): *The myth of democratic failure: Why political institutions are efficient*, American Politics and Political Economy series.Chicago and London: University of Chicago Press.
- WOLAK, F.A.(1991): "Estimating regulated firm production functions with private information: an application to California Water Utilities", Stanford University, Mimeo.
- WYCKOFF, P.G. (1992): "Capitalization, Equalization, and Intergovernmental Aid", *Public Finance Quarterly*, 23, 484-508.
- YINGER, J. (1986): "On fiscal disparities across cities", *Journal of Urban Economics*, 19, 316-337.
- YINGER, J. (1993): "Access denied, access constrained: results and implications of the 1989 Housing Discrimination Study", a Fix, M. , Struyk, R.J. (eds.): *Clear and convincing evidence: Measurement of discrimination in America.*, The Urban Institute, Washington, D.C.
- YINGER, J. BLOOM, H.S., BÖRSCH-SUPAN, A. i LADD, H.F.(1988): *Property taxes and house values. The theory and estimation of intrajurisdictional property tax capitalization*, Harcourt Brace Jovanovich.
- YINGER, W. i DUNCOMBE, J. (1993): "An analysis of returns to scale in public production, with an application to fire protection", *Journal of Public Economics*, 52, 49-72.
- YINGER, W. i DUNCOMBE, J. (1996): "School finance reform: aid formulas and equity objectives", Metropolitan Studies Occasional Paper Nº 175, Center for Policy Research, Syracuse University.
- YINGER, W. i LADD, H.F. (1997): "The determinants of State assistance to central cities", a Netzer, D. i Drennan, M.P. (eds.): *Readings in State & Local public finance*, Blackwell.
- ZIMMERMAN, D. (1983): "Resource misallocation from interstate tax exportation: estimates of the excess spending and welfare loss on a median voter framework", *National Tax Journals*, 36, 183-202.
- ZODROW, G. i MIESZKOWSKI, P. (1986): "Pigou, property taxation and the underprovision of public goods", *Journal of Urban Economics*, 19, 356-370.