



Michael Hannan

StrataCom Professor in Management, Emeritus
Graduate School of Business

 Curriculum Vitae available Online

Bio

BIO

Michael Hannan is the Stratacom Professor of Management Emeritus in the Graduate School of Business and Professor of Sociology Emeritus in the School of Humanities and Sciences. He is also Professor of Organisation Theory, Durham University Business School.

He received his PhD in sociology from the University of North Carolina, Chapel Hill in 1970. He came to Stanford as Assistant Professor of Sociology in 1969, moved to Cornell in 1984 where he was the Scarborough Professor of Social Sciences, and returned to Stanford in 1991.

His major research interests include categories in markets, organizational ecology, sociological methodology, and formal sociological theory. His current theoretical research applies dynamic logics to organization theory. His current empirical research investigates the emergence of organizational categories and the implications of category membership for organizational identity in several domains, including winemaking in the Italian regions of Piedmont and Tuscany as well as Alsace in France.

Professor Hannan has published more than 100 articles in scholarly journals. Two of his books have received best book awards from the American Sociological Association. He is a fellow of the American Academy of Arts and Sciences, has been a fellow at the Center for Advanced Study in Behavioral Sciences, the Netherlands Institute of Advanced Study, and the International Institute for Applied Systems Analysis, and he received a Guggenheim fellowship.

ACADEMIC APPOINTMENTS

- Emeritus Faculty, Acad Council, Graduate School of Business

ADMINISTRATIVE APPOINTMENTS

- Assistant Professor to Professor of Sociology, Stanford University, (1969-1984)
- Professor of Sociology, Cornell University, (1984-1986)
- Scarborough Professor of Social Sciences, Cornell University, (1986-1991)
- Professor of Sociology, Stanford University, (1991- present)
- Professor of Organizational Behavior and Human Resources, Graduate School of Business, Stanford University, (1991-1999)
- StrataCom Professor of Management, Graduate School of Business, Stanford University, (1999- present)
- Professor of Organization Theory, Durham University Business School, (2005- present)
- Research Scientist, International Institute for Applied Systems Analysis (IIASA), (1981-1982)

- Visiting Scientist, Max–Planck–Institut für Bildungsforschung, (1987-1988)

HONORS AND AWARDS

- John Osterweis and Barbara Ravizzi Faculty Fellow, Stanford Graduate School of Business (2012-2013)
- Trust Faculty Fellow, Stanford Graduate School of Business (1997-1998)
- Trust Faculty Fellow, Stanford Graduate School of Business (2001-2002)
- Trust Faculty Fellow, Stanford Graduate School of Business (2004-2005)
- Trust Faculty Fellow, Stanford Graduate School of Business (2009-2010)
- Accenture Award, California Management Review (2002)
- Fellow, Netherlands Institute of Advanced Study (2000-2001)
- Award for the Outstanding Publication in Mathematical Sociology, American Sociological Association (2003)
- Distinguished Scholar Award, Organization and Management Theory Division, Academy of Management (1991)
- Theorodology Prize, Princeton University, Sociology Department (2014)
- Max Weber Award, American Sociological Association (2002)
- Max Weber Award, American Sociological Association (1992)
- J. Simon Guggenheim Memorial Foundation Fellowship, J. Simon Guggenheim Memorial Foundation (1987-1988)
- Fellow, Center for Advanced Study in the Behavioral Sciences (1977-1978)
- Fellow, American Academy of Arts and Sciences (1991)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Director, Organizations Study Section, Institute for Mathematical Studies in the Social Sciences, Stanford University (1980 - 1983)
- Member, Scientific Committee, Industrial and Corporate Change (2009 - present)
- Associate Editor, Industrial and Corporate Change (1998 - 2009)
- Associate Editor, Journal of Mathematical Sociology (1985 - present)
- Member, Scientific Advisory Board, Onderzoeksschool, Systemen, Organisatie en Mangement, University of Groningen (1999 - 2008)
- Consulting Editor, American Journal of Sociology (1994 - 1996)
- Council, Section on Methodology, American Sociology Association (1993 - 1995)
- Member, Program Committee, American Sociological Association (1990 - 1992)
- Chair, Section on Organizations and Occupations, American Sociological Association (1987 - 1990)
- Consulting Editor, American Journal of Sociology (1985 - 1987)
- Member, Committee on Basic Research, Behavioral and Social Sciences (1985 - 1985)
- Associate Editor, Sociology Forum (1984 - 1987)
- Chair, Methodology Section, American Sociological Association (1983 - 1985)
- Associate Editor, American Sociological Review (1983 - 1985)
- Council, Methodology Section, American Sociological Association (1974 - 1977)
- Consulting Editor, Evaluation Quarterly (1976 - 1978)
- Consulting Editor, American Journal of Sociology (1974 - 1976)
- Deputy Editor, American Sociological Review (1974 - 1976)

PROFESSIONAL EDUCATION

- Ph.D., University of North Carolina, Chapel Hill , Sociology (1970)

- M.A., University of North Carolina, Chapel Hill , Sociology (1968)
- A.B., College of the Holy Cross , Sociology (1965)

Publications

PUBLICATIONS

- **A Cognitive-Structural Sociological Account of the Emergence of Novel Worlds** *SOCIOLOGICAL THEORY*
Negro, G., Hannan, M. T.
2026
- **Uncovering the semantics of concepts using GPT-4.** *Proceedings of the National Academy of Sciences of the United States of America*
Le Mens, G., Kovács, B., Hannan, M. T., Pros, G.
2023; 120 (49): e2309350120
- **Using Machine Learning to Uncover the Semantics of Concepts: How Well Do Typicality Measures Extracted from a BERT Text Classifier Match Human Judgments of Genre Typicality?** *SOCIOLOGICAL SCIENCE*
Le Mens, G., Kovacs, B., Hannan, M. T., Pros, G.
2023; 10: 82-117
- **Measuring Memberships in Collectives in Light of Developments in Cognitive Science and Natural- Language Processing** *SOCIOLOGICAL SCIENCE*
Hannan, M. T.
2022; 9: 473-492
- **The Price for Market Embeddedness is Declining Adaptive Capabilities: Model, Measurement and Illustration** *BRITISH JOURNAL OF MANAGEMENT*
Liu, M., Polos, L., Hannan, M. T.
2020
- **What Does It Mean to Span Cultural Boundaries? Variety and Atypicality in Cultural Consumption** *AMERICAN SOCIOLOGICAL REVIEW*
Goldberg, A., Hannan, M. T., Kovacs, B.
2016; 81 (2): 215-241
- **Age-Related Structural Inertia: A Distance-Based Approach** *ORGANIZATION SCIENCE*
Le Mens, G., Hannan, M. T., Polos, L.
2015; 26 (3): 756-773
- **Category Signaling and Reputation** *ORGANIZATION SCIENCE*
Negro, G., Hannan, M. T., Fassiotto, M.
2015; 26 (2): 584-600
- **Organizational Obsolescence, Drifting Tastes, and Age Dependence in Organizational Life Chances** *ORGANIZATION SCIENCE*
Le Mens, G., Hannan, M. T., Polos, L.
2015; 26 (2): 550-570
- **Oppositional Identities and Resource Partitioning: Distillery Ownership in Scotch Whisky, 1826-2009** *ORGANIZATION SCIENCE*
McKendrick, D. G., Hannan, M. T.
2014; 25 (4): 1272-1286
- **Emergence of Market Orders: Audience Interaction and Vanguard Influence** *ORGANIZATION STUDIES*
Kocak, O., Hannan, M. T., Hsu, G.
2014; 35 (5): 765-790
- **Category Reinterpretation and Defection: Modernism and Tradition in Italian Winemaking** *ORGANIZATION SCIENCE*
Negro, G., Hannan, M. T., Rao, H.
2011; 22 (6): 1449-1463
- **Typcasting, Legitimation, and Form Emergence: A Formal Theory** *SOCIOLOGICAL THEORY*
Hsu, G., Hannan, M. T., Polos, L.

2011; 29 (2): 97-123

- **Founding Conditions, Learning, and Organizational Life Chances: Age Dependence Revisited** *ADMINISTRATIVE SCIENCE QUARTERLY*
Le Mens, G., Hannan, M. T., Polos, L.
2011; 56 (1): 95-126
- **Income and independence effects on marital dissolution: results from the Seattle– Denver Income Maintenance Experiment** *Event History Analysis*
Hannan, M. T., Tuma, N. B., Groeneveld, L. P.
edited by Wu, L.
Sage Benchmarks in Social Science Research Methods, Sage Publications.2011
- **Categorical contrast and audience appeal: niche width and critical success in winemaking** *INDUSTRIAL AND CORPORATE CHANGE*
Negro, G., Hannan, M. T., Rao, H.
2010; 19 (5): 1397-1425
- **Partiality of Memberships in Categories and Audiences** *ANNUAL REVIEW OF SOCIOLOGY, VOL 36*
Hannan, M. T.
2010; 36: 159-181
- **The effects of category spanning depend on contrast** *Research in the Sociology of Organizations*
Kovács, B., Hannan, M. T.
2010; 31: 175-201
- **Modalities in Sociological Arguments** *JOURNAL OF MATHEMATICAL SOCIOLOGY*
Polos, L., Hannan, M. T., Hsu, G.
2010; 34 (3): 201-238
- **Multiple Category Memberships in Markets: An Integrative Theory and Two Empirical Tests** *AMERICAN SOCIOLOGICAL REVIEW*
Hsu, G., Kocak, O., Hannan, M. T.
2009; 74 (1): 150-169
- **The liability of newness: Age dependence in organizational death rates** *Readings in change management*
Hannan, M. T., Freeman, J., Carroll, G. R.
edited by Shirokova, G.
St. Petersburg State Univ.2009
- **The population ecology of organizations** *Readings on organization theory*
Hannan, M. T., Freeman, J.
St. Petersburg State University.2009
- **Structural inertia and organizational change** *Readings in change management*
Hannan, M. T., Freeman, J.
edited by Shirokwo, G.
St. Petersburg State Univ.2009
- **Density dependence in the evolution of populations of newspaper organizations (Russian)** *Readings in change management*
Hannan, M. T.
edited by Shirokova, G.
St. Petersburg State Univ.2009
- **Organizational evolution in a multinational context: entries of automobile manufacturing firms in Belgium, Britain, France, Germany, and Italy** *Organizational learning and knowledge management*
Hannan, M. T., Carroll, G. R., Dundon, E. A., Torres, J. C.
edited by Starbuck, W. H.
Cheltenham U.K.: Elgar.2008
- **Density dependence in the evolution of populations of newspaper organizations** *Organizational learning and knowledge management*
Hannan, M. T.
edited by Starbuck, W. H.

Cheltenham U.K.: Elgar.2008

- **The population ecology of organizations** *Theories of organization*
Hannan, M. T., Freeman, J.
edited by Tosi, H.
Los Angeles: Sage.2008
- **In the company of women - Gender inequality and the logic of bureaucracy in start-up firms** *WORK AND OCCUPATIONS*
Baron, J. N., Hannan, M. T., Hsu, G., Kocak, O.
2007; 34 (1): 35-66
- **Logics of organization theory: audiences, codes, and ecologies**
Hannan, M. T., Pólos, L., Carroll, G. R.
Princeton University Press.2007
- **The Demographic Perspective** *The sociology of organizations: an anthropology of contemporary theory and research*
Hannan, M. T., Carroll, G. R.
edited by Wharton, A.
Roxbury.2007
- **The population ecology of organizations** *Teoria das Organizações*
Hannan, M. T., Freeman, J.
edited by Caladas, M. P., Berto, C. O.
São Paulo, Brazil: Editoria Atlas.2007
- **Methods of temporal analysis** *Data analysis*
Hannan, M. T., Tuma, N. B.
edited by Sarantakos, S.
London: Sage.2007
- **Structural inertia and organizational change** *Fundamentals of business strategy*
Hannan, M. T., Freeman, J.
edited by Augier, M., Teece, D. J.
London: Sage.2007
- **Organizational identities and the hazard of change** *INDUSTRIAL AND CORPORATE CHANGE*
Hannan, M. T., Baron, J. N., Hsu, G., Kocak, O.
2006; 15 (5): 755-784
- **Azonosságés Formák. [Identities and forms]** *Magyar Filozófiai Szemle*
Pólos, L., Carroll, G. R., Hannan, M. T.
2006
- **Identities, genres, and organizational forms** *ORGANIZATION SCIENCE*
Hsu, G., Hannan, M. T.
2005; 16 (5): 474-490
- **Ecologies of organizations: Diversity and identity** *JOURNAL OF ECONOMIC PERSPECTIVES*
Hannan, M. T.
2005; 19 (1): 51-70
- **Dynamic analysis of event histories** *Quantitative social science*
Hannan, M. T., Tuma, N. B., Groeneveld, L. P.
edited by Scott, J., Xie, Y.
Thousand Oaks, Cal.: Sage.2005
- **The economic sociology of organizational entrepreneurship: lessons from the Stanford Project on Emerging Companies** *The economic sociology of capitalism*
Baron, J. N., Hannan, M. T.
edited by Nee, V., Swedberg, R.

New York: Russell Sage.2005: 168–203

- **The population ecology of organizations** *RAE–Revista de Administração de Empresas (Portugese)*
Hannan, M. T., Freeman, J.
2005
- **The evolution of inertia** *Conference on Organization Ecology*
Hannan, M. T., POLOS, L., Carroll, G. R.
OXFORD UNIV PRESS.2004: 213–42
- **The evolution of organizational inertia** *Industrial and Corporate Change*
Pólos, L., Carroll, G. R.
2004; 13: 213–42
- **The population ecology of organizations** *Vestnik St. Petersburgskogo Universiteta, Seria Management*
Hannan, M. T., Freeman, J.
2004; 3: 143-85
- **A logic for theories in flux: a model-theoretic approach** *Logique et Analyse*
Hannan, M. T., Pólos, L.
2004; 47: 85-121
- **The organizational niche** *SOCIOLOGICAL THEORY*
Hannan, M. T., Carroll, G. R., POLOS, L.
2003; 21 (4): 309-340
- **Cascading organizational change** *ORGANIZATION SCIENCE*
Hannan, M. T., Polos, L., Carroll, G. R.
2003; 14 (5): 463-482
- **The fog of change: Opacity and asperity in organizations** *ADMINISTRATIVE SCIENCE QUARTERLY*
Hannan, M. T., POLOS, L., Carroll, G.
2003; 48 (3): 399-432
- **Demography of organizations** *Encyclopedia of demography*
Hannan, M. T.
edited by Demeny, P., McNicoll, G.
New York:Macmillian Reference.2003
- **Organizational blueprints for success in high-tech start-ups: Lessons from the Stanford Project on emerging companies** *CALIFORNIA MANAGEMENT REVIEW*
Baron, J. N., Hannan, M. T.
2002; 44 (3): 8-?
- **Foundations of a theory of social forms** *INDUSTRIAL AND CORPORATE CHANGE*
POLOS, L., Hannan, M. T., Carroll, G. R.
2002; 11 (1): 85-115
- **Reasoning with partial knowledge** *SOCIOLOGICAL METHODOLOGY 2002, VOL 32*
POLOS, L., Hannan, M. T.
2002; 32: 133-181
- **Structural inertia and organizational change** *The foundations of entrepreneurship*
Hannan, M. T., Freeman, J.
edited by Shane, S.
New York: Oxford Univ. Press.2002
- **The population ecology of organizations** *Strategy: critical perspectives on business and management*
Hannan, M. T., Freeman, J.
edited by Faulkner, D.

London: Taylor & Francis.2002

- **Building the iron cage: determinants of administrative intensity in the early years of organizations** *The foundations of entrepreneurship*
Hannan, M. T., Baron, J. N., Burton, M. D.
edited by Shane, S.
New York: Oxford University Press.2002
- **Population ecology of organizations** *International encyclopedia of the social and behavioral sciences*
Hannan, M. T.
edited by Smelser, N., Baltes, P.
Oxford: Elsevier Science Ltd.2002
- **Gender and the organization-building process in young, high-tech firms** *The new economic sociology: developments in an emerging field*
Baron, J. N., Hsu, G., Koçak, Ö., Hannan, M. T.
edited by Guillén, M., Collins, R., England, P., Meyer, M.
New York: Russell Sage Foundation.2002: 245–73
- **Density-Dependent Processes** *The sociology of organizations: classic, contemporary, and critical readings*
Hannan, M. T., Carroll, G. R.
edited by Handel, M.
Sage.2002
- **The road taken: the origins and evolution of employment systems in emerging high-technology companies** *The foundations of entrepreneurship*
Hannan, M. T., Baron, J. N., Burton, M. D.
edited by Shane, S.
New York: Oxford Univ. Press.2002
- **Dynamics of niche width and resource partitioning** *AMERICAN JOURNAL OF SOCIOLOGY*
Dobrev, S. D., Kim, T. Y., Hannan, M. T.
2001; 106 (5): 1299-1337
- **Labor pains: Change in organizational models and employee turnover in young, high-tech firms** *AMERICAN JOURNAL OF SOCIOLOGY*
Baron, J. N., Hannan, M. T., Burton, M. D.
2001; 106 (4): 960-1012
- **Nonmonotonicity in theory building with applications to organizational mortality** *Dynamics of organizations: computational modeling and organizational theories*
Pólos, L., Hannan, M. T.
edited by Lomi, A., Larsen, E.
Cambridge, Mass.: AAAI Press and MIT Press.2001: 405–38
- **Marktwerk Is Selectiewerk: Van Populatie-Ecologie naar Organisatiedemografie** *Bedrijfskunde*
Carroll, G. R., van Witteloostuijn, A., Hannan, M. T.
2001; 73: 31-37
- **Back to inertia: Theoretical implications of alternative styles of logical formalization** *SOCIOLOGICAL THEORY*
Peli, G. L., POLOS, L., Hannan, M. T.
2000; 18 (2): 195-215
- **Why corporate demography matters: Policy implications of organizational diversity** *CALIFORNIA MANAGEMENT REVIEW*
Carroll, G. R., Hannan, M. T.
2000; 42 (3): 148-?
- **The demography of corporations and industries: policy perspectives** *California Management Review*
Carroll, G. R., Hannan, M. T.
2000; 42: 148-63
- **The demography of corporations and industries**
Carroll, G. R., Hannan, M. T.

Princeton University Press.2000

- **Building the iron cage: Determinants of managerial intensity in the early years of organizations** *AMERICAN SOCIOLOGICAL REVIEW*
Baron, J. N., Hannan, M. T., Burton, M. D.
1999; 64 (4): 527-547
- **Engineering bureaucracy: The genesis of formal policies, positions, and structures in high-technology firms** *Conference on Bureaucracy - Issues and Apparatus*
Baron, J. N., Burton, M. D., Hannan, M. T.
OXFORD UNIV PRESS INC.1999: 1-41
- **Inertia and change in the early years: employment relations in young, hightechnology firms** *Markets, firms, and hierarchies*
Hannan, M. T., Burton, M. D., Baron, J. N.
edited by Carroll, G. R., Teece, D.
New York: Oxford Univ. Press.1999
- **The population ecology of organizations** *Advances in entrepreneurship*
Hannan, M. T., Freeman, J.
edited by Westhead, P., Wright, M.
Cheltenham, UK: Elgar.1999
- **The road taken: the origins and evolution of employment systems in emerging high-technology companies** *Markets, firms, and hierarchies*
Hannan, M. T., Baron, J. N., Burton, M. D.
edited by Carroll, G. R., Teece, D.
New York: Oxford University Press.1999
- **Environments and the structure of organizations: a population ecology perspective** *Readings in organizational science*
Hannan, M. T., Freeman, J.
edited by Cuna, M. P., Margues, C. A.
Lisbon: ISPA.1999
- **Szervezeti tehetetlenség. Formalizálási stílusok, elméleti következmények. [Organizational inertia: Formalization styles, theoretical consequences]** *Szociológiai Szemle*
Hannan, M. T., Péli, G., Pólos, L.
1999; 1/99: 120-42
- **Aging by default: building theory from fragmentary knowledge** *Proceedings of the fourth Dutch-German workshop on non-monotonic reasoning techniques and their applications*
Pólos, L., Kamps, J., Hannan, M. T.,
edited by Rott, H., Albert, C., Brewka, G., Witteveen, C.
1999: 207-19
- **Organizational mortality in European and American automobile industries Part I: Revisiting the effects of age and size** *EUROPEAN SOCIOLOGICAL REVIEW*
Hannan, M. T., Carroll, G. R., Dobrev, S. D., Han, J.
1998; 14 (3): 279-302
- **Organizational mortality in European and American automobile industries Part II: Coupled clocks** *EUROPEAN SOCIOLOGICAL REVIEW*
Hannan, M. T., Carroll, G. R., Dobrev, S. D., Han, J., TORRES, J. C.
1998; 14 (3): 303-313
- **Rethinking age dependence in organizational mortality: Logical formalizations** *AMERICAN JOURNAL OF SOCIOLOGY*
Hannan, M. T.
1998; 104 (1): 126-164
- **Deregulation and competition in the financial industry** *Industrial and Corporate Change*
Barron, D. N., West, E., Hannan, M. T.
1998; 7: 1-32
- **The road taken: the origins and evolution of employment systems in emerging high-technology companies** *Revista Asturiana de Economica*

-
- Hannan, M. T., Baron, J. N., Burton, M. D.
1998
- **Inertia, density and the structure of organizational populations: Entries in European automobile industries, 1886-1981** *ORGANIZATION STUDIES*
Hannan, M. T.
1997; 18 (2): 193-228
 - **The population ecology of organizations** *Organization theory: selected readings*
Hannan, M. T., Freeman, J.
edited by Pugh, D. S.
Rushden, UK: Penguin Books. 1997
 - **Environments and the structure of organizations: a population ecology perspective** *Comportamento Organizacional e Gestão*
Freeman, J., Hannan, M. T.
1997; 3: 5-27
 - **On logical formalization of theories from organizational ecology - Comment** *SOCIOLOGICAL METHODOLOGY 1997, VOL 27*
Hannan, M. T.
1997; 27: 145-149
 - **Networks, knowledge, and niches: Competition in the worldwide semiconductor industry, 1984-1991** *AMERICAN JOURNAL OF SOCIOLOGY*
Podolny, J. M., Stuart, T. E., Hannan, M. T.
1996; 102 (3): 659-689
 - **The impact of economics on contemporary sociology** *Economic sociology*
Hannan, M. T., Baron, J. N.
edited by Swedberg, R.
Cheltenham, UK: Elgar. 1996
 - **The road taken: the origins and evolution of employment systems in emerging high-technology companies** *Industrial and Corporate Change*
Baron, J. N., Burton, M. D., Hannan, M. T.
1996; 5: 239-76
 - **The segmentation of transitions from school to work in postwar Germany: a dynamic perspective** *Comparative Social Research*
Schömann, K., Blossfeld, H. P.
1996; 15: 103-27
 - **Inertia and change in the early years: employment relations in young, hightechnology firms** *Industrial and Corporate Change*
Baron, J. N., Burton, M. D., Hannan, M. T.
1996; 5: 503-36
 - **ORGANIZATIONAL EVOLUTION IN A MULTINATIONAL CONTEXT - ENTRIES OF AUTOMOBILE MANUFACTURERS IN BELGIUM, BRITAIN, FRANCE, GERMANY, AND ITALY** *AMERICAN SOCIOLOGICAL REVIEW*
Hannan, M. T., DUNDON, E. A., Carroll, G. R., TORRES, J. C.
1995; 60 (4): 509-528
 - **THEORY BUILDING AND CHEAP TALK ABOUT LEGITIMATION - REPLY** *AMERICAN SOCIOLOGICAL REVIEW*
Hannan, M. T., Carroll, G. R.
1995; 60 (4): 539-544
 - **Organizations in industry: strategy, structure, and selection**
edited by Carroll, G. R., Hannan, M. T.
Oxford Univ. Press. 1995
 - **Competition, deregulation, and the fortunes of credit unions in New York**
Barron, D. N., West, E., Hannan, M. T.
Madison, Wis.: Filene Research Institute. 1995

- **Organizational evolution in a multinational context: entries of automobile manufacturing firms in Belgium, Britain, France, Germany, and Italy** *Organizational learning and knowledge management*
Hannan, M. T.
edited by Starbuck, W. H.
Cheltenham U.K.: Elgar.1995
- **Organizational evolution in a multinational context: entries of automobile manufacturing firms in Belgium, Britain, France, Germany, and Italy** *Organizational learning and knowledge management*
Hannan, M. T.
edited by Starbuck, W. H.
Cheltenham U.K.: Elgar.1995
- **Automobile manufacturing firms** *Organizations in industry*
Carroll, G. R., Hannan, M. T.
edited by Carroll, G. R., Hannan, M. T.
Oxford Univ. Press.1995: 195–214
- **The impact of economics on contemporary sociology** *Problèmes économiques*
Hannan, M. T., Baron, J. N.
1995; 2
- **The population ecology of organizations** *The history of management thought: complex organisations*
Hannan, M. T., Freeman, J.
edited by Hall, R.
Aldershot, UK: Dartmouth.1995
- **Organizational evolution in a multinational context: entries of automobile manufacturing firms in Belgium, Britain, France, Germany, and Italy** *Organizational learning and knowledge management*
Hannan, M. T.
edited by Starbuck, W. H.
Cheltenham U.K.: Elgar.1995
- **Introduction to organizational ecology** *Organizations in industry*
Carroll, G. R., Hannan, M. T.
edited by Carroll, G. R., Hannan, M. T.
Oxford Univ. Press.1995: 17–31
- **Labor unions** *Organizations in industry*
Hannan, M. T.
edited by Carroll, G. R., Hannan, M. T.
Oxford Univ. Press.1995: 121–35
- **Organizational evolution in a multinational context: entries of automobile manufacturing firms in Belgium, Britain, France, Germany, and Italy** *Organizational learning and knowledge management*
Hannan, M. T.
edited by Starbuck, W. H.
Cheltenham U.K.: Elgar.1995
- **Introduction to organizational ecology** *Organizations in industry*
Carroll, G. R., Hannan, M. T.
edited by Carroll, G. R., Hannan, M. T.
Oxford Univ. Press.1995: 17–31
- **Labor unions** *Organizations in industry*
Hannan, M. T.
edited by Carroll, G. R., Hannan, M. T.
Oxford Univ. Press.1995: 121–35
- **THE IMPACT OF ECONOMICS ON CONTEMPORARY SOCIOLOGY** *JOURNAL OF ECONOMIC LITERATURE*

- Baron, J. N., Hannan, M. T.
1994; 32 (3): 1111-1146
- **A TIME TO GROW AND A TIME TO DIE - GROWTH AND MORTALITY OF CREDIT UNIONS IN NEW-YORK-CITY, 1914-1990** *AMERICAN JOURNAL OF SOCIOLOGY*
Barron, D. N., West, E., Hannan, M. T.
1994; 100 (2): 381-421
 - **The population ecology of organizations** *Sozialer Wandel: Modellbildung und theoretische Ansätze*
Hannan, M. T., Freeman, J.
edited by Muller, H. P., Schmid, M.
Frankfurt: Suhrkamp.1994
 - **The population ecology of organizations** *Strategy process, content, context: an international perspective*
Hannan, M. T., Freeman, J.
edited by De Wit, B., Meyer, R.
St. Paul Minn.:West.1994
 - **Dynamics of populations of credit unions in New York**
West, E., Barron, D. N., Hannan, M. T.
Madison,Wis.: Filene Research Institute.1994
 - **The dynamics of ethnic boundaries in modern states** *Social stratification: class, race, and gender in sociological perspective*
Hannan, M. T.
edited by Grusky, D.
Boulder, Col.:Westview Press.1994
 - **The population ecology of organizations** *Classics of organization theory*
Hannan, M. T., Freeman, J.
edited by Shafritz, J., Ott, J. S.
Pacific Grove, Cal.: Brooks/Cole.1993; 3rd
 - **Ecological organizzativa: per un teoria evoluzionista dell' organizzazione**
Lomi, A., Hannan, M. T.
Milan: Etaslibri.1993
 - **Die Bedeutung der Bildung im Arbeitseinkommensverlauf: Theoretische Ansatz im Lichte der Ergebnisse einer Längsschnittuntersuchung** *Bildung, Bildungsfinanzierung un Einkommensverteilung*
Hannan, M. T., Blossfeld, H. P., Schömann, K.
edited by Lüdeke, R.
Berlin: Duncker& Humbolt.1993: 81-106
 - **Setting the record straight on organizational ecology: rebuttal to Young** *Reader in population research methodology*
Hannan, M. T.
edited by Bogue, D. J., Arriga, E. E.
New York: United Nations Fund for Population Activities: Social Development Center.1993
 - **Dynamics of organizational populations: density, legitimation, and competition**
Carroll, G. R., Hannan, M. T.
Oxford Univ. Press.1992
 - **The population ecology of organizations** *Changement planifié et développement des organisations: théorie et pratique*
Hannan, M. T., Freeman, J.
edited by Tessier, R., Tellier, Y.
Québec: Les Presses de l'Université du Québec.1992
 - **Robustness and rationality in multi-level systems** *Rational choice theory: advocacy and critique*
Hannan, M. T.
edited by Coleman, J. S., Fararo, T.

Newbury Park, Cal.: Sage.1992: 120–36

- **AUTOCORRELATION AND DENSITY DEPENDENCE IN ORGANIZATIONAL FOUNDING RATES** *SOCIOLOGICAL METHODS & RESEARCH*
Barron, D. N., Hannan, M. T.
1991; 20 (2): 218-241
- **ON THE INTERPRETATION OF DENSITY DEPENDENCE IN RATES OF ORGANIZATIONAL MORTALITY** *AMERICAN SOCIOLOGICAL REVIEW*
Hannan, M. T., Barron, D. N., Carroll, G. R.
1991; 56 (3): 410-415
- **DENSITY-DEPENDENT DYNAMICS IN REGULATED INDUSTRIES - FOUNDING RATES OF BANKS AND LIFE-INSURANCE COMPANIES** *ADMINISTRATIVE SCIENCE QUARTERLY*
RANGERMOORE, J., BANASZAKHOLL, J., Hannan, M. T.
1991; 36 (1): 36-65
- **THEORETICAL AND METHODOLOGICAL ISSUES IN ANALYSIS OF DENSITY-DEPENDENT LEGITIMATION IN ORGANIZATIONAL EVOLUTION** *SOCIOLOGICAL METHODOLOGY*
Hannan, M. T.
1991; 21: 1-42
- **Die Bedeutung von Bildung und Arbeitsmarktsegmenten für die Arbeitskommen von Frauen und Männern** *Von Regen in die Traufe: Frauen zwischen Beruf und Familie*
Schömann, K., Blossfeld, H. P., Hannan, M. T.
edited by Meyer, K. U., Allmendinger, J., Huinink, J.
Frankfurt: Campus.1991: 168–84
- **Aggregation and disaggregation in the social sciences**
Hannan, M. T.
Lexington, Mass.: Lexington.1991
- **SEX AND SECTOR DIFFERENCES IN THE DYNAMICS OF WAGE GROWTH IN THE FEDERAL-REPUBLIC-OF-GERMANY** *AMERICAN SOCIOLOGICAL REVIEW*
Hannan, M. T., SCHOMANN, K., Blossfeld, H. P.
1990; 55 (5): 694-713
- **A REASSESSMENT OF THE EFFECT OF INCOME-MAINTENANCE ON MARITAL DISSOLUTION IN THE SEATTLE-DENVER EXPERIMENT** *AMERICAN JOURNAL OF SOCIOLOGY*
Hannan, M. T., TUMA, N. B.
1990; 95 (5): 1270-1298
- **THE ECOLOGY OF ORGANIZATIONAL SIZE DISTRIBUTIONS - A MICROSIMULATION APPROACH** *JOURNAL OF MATHEMATICAL SOCIOLOGY*
Hannan, M. T., RANGERMOORE, J.
1990; 15 (2): 67-89
- **DENSITY DELAY IN THE EVOLUTION OF ORGANIZATIONAL POPULATIONS - A MODEL AND 5 EMPIRICAL TESTS** *CONF ON ORGANIZATIONAL EVOLUTION : NEW DIRECTIONS*
Carroll, G. R., Hannan, M. T.
SAGE PUBLICATIONS INC.1990: 103–128
- **Density delay in the evolution of organizational populations: a model and five empirical tests** *Organizational evolution: new directions*
Hannan, M. T.
edited by Singh, J.
Newbury Park, Cal.: Sage.1990
- **COMPETITION AND THE EVOLUTION OF ORGANIZATIONAL SIZE DISTRIBUTIONS** *CONF ON ORGANIZATIONAL EVOLUTION : NEW DIRECTIONS*
Hannan, M. T., RANGERMOORE, J., BANASZAKHOLL, J.
SAGE PUBLICATIONS INC.1990: 246–268
- **Competition and the evolution of organizational size distributions** *Organizational evolution: new directions*

Rangermoore, J., Banaszak-Holl, J., Hannan, M. T.
edited by Singh, J. V.
Newbury Park, Cal.: Sage.1990: 246–68

- **MACROSOCIOLOGICAL APPLICATIONS OF EVENT HISTORY ANALYSIS - STATE TRANSITIONS AND EVENT RECURRENCES** *QUALITY & QUANTITY*
Hannan, M. T.
1989; 23 (3-4): 351-383
- **DENSITY DELAY IN THE EVOLUTION OF ORGANIZATIONAL POPULATIONS - A MODEL AND 5 EMPIRICAL TESTS** *ADMINISTRATIVE SCIENCE QUARTERLY*
Carroll, G. R., Hannan, M. T.
1989; 34 (3): 411-430
- **SETTING THE RECORD STRAIGHT ON ORGANIZATIONAL ECOLOGY - REBUTTAL TO YOUNG** *AMERICAN JOURNAL OF SOCIOLOGY*
Freeman, J., Hannan, M. T.
1989; 95 (2): 425-439
- **ON USING INSTITUTIONAL THEORY IN STUDYING ORGANIZATIONAL POPULATIONS - REPLY** *AMERICAN SOCIOLOGICAL REVIEW*
Carroll, G. R., Hannan, M. T.
1989; 54 (4): 545-548
- **DENSITY DEPENDENCE IN THE EVOLUTION OF POPULATIONS OF NEWSPAPER ORGANIZATIONS** *AMERICAN SOCIOLOGICAL REVIEW*
Carroll, G. R., Hannan, M. T.
1989; 54 (4): 524-541
- **Erwerbsverlauf und die Entwicklung der Arbeitseinkommen bei Männer—Eine Längsschnittanalyse unter Verwendung einer stochastischen Differentialgleichung** *Zeitschrift für Soziologie*
Blossfeld, H. P., Schömann, K., Hannan, M. T.
1989; 17: 407-23
- **AGE DEPENDENCE IN THE MORTALITY OF NATIONAL LABOR UNIONS - COMPARISONS OF PARAMETRIC MODELS** *JOURNAL OF MATHEMATICAL SOCIOLOGY*
Hannan, M. T.
1989; 14 (1): 1-30
- **Determinanten der Verdienstwicklung auf ein und demselben Arbeitsplatz: Ein Beispiel zur Anwendung einer stochastischen Differentialgleichung** *Effizienzlohntheorie, Individualeinkommen und Arbeitsplatzwechsel*
Blossfeld, H. P., Schömann, K., Hannan, M. T.
edited by Gerlach, K., Hübler, O.
Frankfurt: Campus.1989: 301–16
- **Organizational ecology**
Freeman, J., Hannan, M. T.
Harvard Univ. Press.1989
- **Markets and organizations** *Leading edges in social and behavioral science*
Reiter, S., Arrow, K., Davis, L., DiMaggio, P., Granovetter, M., Green, J., Graves, T., Postelwaite, A., Radner, R., Shell, K., Hannan, M. T.
edited by Luce, R. D., Smelser, N., Gerstein, D.
New York: Russell Sage Foundation.1989: 283–326
- **Organizational population dynamics and social change** *European Sociology Review*
Hannan, M. T.
1989; 4: 1-15
- **Statistical analysis** *Leading edges in social and behavioral science*
Pratt, J., Clogg, C., Green, B., Hausman, J., Kruskal, W., Rubin, D., Savage, I. R., Tukey, J., Wachter, K., Hannan, M. T.
edited by Luce, R. D., Smelser, N., Gerstein, D.
New York: Russell Sage Foundation.1989: 633–69

- **Competitive and institutional processes in organizational ecology** *Sociological theories in progress: new formulations*
Hannan, M. T.
edited by Berger, J., Zelditch, M., Anderson, B.
Newbury Park, Cal.: Sage.1989: 388–402
- **COURSE OF GAINFUL EMPLOYMENT AND DEVELOPMENT OF EARNED INCOME IN MEN - A LONGITUDINAL ANALYSIS USING A STOCHASTIC DIFFERENTIAL-EQUATION** *ZEITSCHRIFT FUR SOZIOLOGIE*
Blossfeld, H. P., Hannan, M. T., SCHOMANN, K.
1988; 17 (6): 407-423
- **THE ECOLOGY OF ORGANIZATIONAL MORTALITY - AMERICAN LABOR UNIONS, 1836-1985** *AMERICAN JOURNAL OF SOCIOLOGY*
Hannan, M. T., Freeman, J.
1988; 94 (1): 25-52
- **Density dependence in the growth of organizational populations** *Ecological models of organizations*
Hannan, M. T., Freeman, J.
edited by Carroll, G. R.
Cambridge, Mass.: Ballinger.1988: 7–32
- **Social change, organizational diversity, and individual careers** *Social structures and human lives*
Hannan, M. T.
edited by Riley, M. W.
Newbury Park, Cal.: Sage and the Am. Sociol. Assoc.1988: 161–74
- **Structural inertia and organizational change** *Readings in organizational decline: frameworks, research, and prescriptions*
Hannan, M. T., Freeman, J.
edited by Cameron, K., Sutton, R., Whetten, D.
Cambridge, Mass.: Ballinger.1988
- **THE POPULATION ECOLOGY OF RESTAURANTS REVISITED - REPLY** *AMERICAN JOURNAL OF SOCIOLOGY*
Freeman, J., Hannan, M. T.
1987; 92 (5): 1214-1220
- **THE ECOLOGY OF ORGANIZATIONAL FOUNDING - AMERICAN LABOR UNIONS, 1836-1985** *AMERICAN JOURNAL OF SOCIOLOGY*
Hannan, M. T., Freeman, J.
1987; 92 (4): 910-943
- **The population ecology of organizations** *Organizational behavior and management*
Hannan, M. T., Freeman, J.
edited by Tosi, H., Hammer, T.
Brussels: Grid Publishing.1986; 4th
- **Structural inertia and organizational change** *Approaches to social theory*
Hannan, M. T., Freeman, J.
edited by Coleman, J. S., Lindenberg, S., Novak, S.
New York: Russell Sage Foundation.1986
- **Uncertainty, diversity and organizational change** *Social and behavioral sciences: discoveries over fifty years*
Hannan, M. T.
edited by Smelser, N., Gerstein, D.
Washington D.C.: National Academy Press.1986: 73–94
- **Where do organizational forms come from?** *Sociology Forum*
Freeman, J., Hannan, M. T.
1986; 1: 50-72
- **Multi-state demography and event-history analysis** *Progress in stochastic modeling of social processes.*
Hannan, M. T.
edited by Diekmann, A., Mitter, P.

New York: Academic Press.1985: 39–88

- **Problems of aggregation** *Causal models in the social sciences*
Hannan, M. T.
edited by Blalock, H. M.
Chicago: Aldine.1985; 2nd: 473–508
- **Dynamic analysis of qualitative variables: applications to organizational demography** *Measuring the unmeasurable*
Tuma, N. B., Hannan, M. T.
edited by Nijkamp, P., Leitner, H., Wrigley, N.
Dordrecht:Martinus Nijhoff.1985: 629–63
- **STRUCTURAL INERTIA AND ORGANIZATIONAL-CHANGE** *AMERICAN SOCIOLOGICAL REVIEW*
Hannan, M. T., Freeman, J.
1984; 49 (2): 149-164
- **Social dynamics: models and methods**
Tuma, N. B., Hannan, M. T.
Orlando, Fla.: Academic Press.1984
- **THE LIABILITY OF NEWNESS - AGE DEPENDENCE IN ORGANIZATIONAL DEATH RATES** *AMERICAN SOCIOLOGICAL REVIEW*
Freeman, J., Carroll, G. R., Hannan, M. T.
1983; 48 (5): 692-710
- **Final report of the Seattle–Denver Income Maintenance Experiment** *Marital Stability*
Groeneveld, L. P., Tuma, N. B., Hannan, M. T.
Washington: Government Printing Office.1983; 1 (5)
- **NICHE WIDTH AND THE DYNAMICS OF ORGANIZATIONAL POPULATIONS** *AMERICAN JOURNAL OF SOCIOLOGY*
Freeman, J., Hannan, M. T.
1983; 88 (6): 1116-1145
- **FAMILIES, MARKETS, AND SOCIAL-STRUCTURES - AN ESSAY ON BECKER A TREATISE ON THE FAMILY** *JOURNAL OF ECONOMIC LITERATURE*
Hannan, M. T.
1982; 20 (1): 65-72
- **Organizational niche width: test of a model** *Mathematische Analyse von Organisationsstrukturen und –Prozessen*
Hannan, M. T.
edited by Sodeur, W.
Duisburg: Sozialwissenschaftliche Kooperative.1982: 231–71
- **DYNAMICS OF FORMAL POLITICAL-STRUCTURE - AN EVENT-HISTORY ANALYSIS** *AMERICAN SOCIOLOGICAL REVIEW*
Hannan, M. T., Carroll, G. R.
1981; 46 (1): 19-35
- **Dynamic analysis of event histories** *Evaluation Studies Review Annual*
Hannan, M. T., Tuma, N. B., Groeneveld, L. P.
edited by Stromsdorfer, E., Farkas, G.
Beverly Hills, Cal.: Sage.1981
- **Reply to Goodwin** *Evaluation Studies Review Annual*
Hannan, M. T., Tuma, N. B., Groeneveld, L. P.
edited by Stromsdorfer, E., Farkas, G.
Beverly Hills, Cal.: Sage.1981
- **Income and psychological distress: impact of an income maintenance experiment** *Guaranteed annual income*
Hannan, M. T., Thoits, P.
edited by Spiegelman, R., Weiner, S., Bell, J.
New York: Academic Press.1981

- **THE EFFECTS OF NEGATIVE INCOME-TAX PROGRAMS ON MARITAL DISSOLUTION** *JOURNAL OF HUMAN RESOURCES*
Groeneveld, L. P., TUMA, N. B., Hannan, M. T.
1980; 15 (4): 654-674
- **Marital dissolution and remarriage** *Guaranteed annual income*
Groeneveld, L. P., Tuma, N. B., Hannan, M. T.
edited by Spiegelman, R., Weiner, S., Bell, J.
New York: Academic Press.1980: 162–82
- **Growth and decline processes in organizations** *Reader on complex organizations*
Hannan, M. T., Freeman, J.
edited by Etzioni, A., Lehman, E.
New York: Holt Rinehart.1980
- **Methods of temporal analysis** *Annual Review of Sociology*
Tuma, N. B., Hannan, M. T.
1980; 5: 303-28
- **Income and psychological distress: impact of an income maintenance experiment** *Journal of Health and Social Behavior*
Thoits, P., Hannan, M. T.
1980; 20: 120-38
- **Growth and decline processes in organizations** *Organizational research*
Hannan, M. T., Freeman, J.
edited by Katz, D., Kahn, R., Adams, J. S.
San Francisco: Jossey–Bass.1980
- **DYNAMIC ANALYSIS OF EVENT HISTORIES** *AMERICAN JOURNAL OF SOCIOLOGY*
TUMA, N. B., Hannan, M. T., Groeneveld, L. P.
1979; 84 (4): 820-854
- **National development in a changing world system** *National development and the world system*
Meyer, J. W., Hannan, M. T.
edited by Meyer, J. W., Hannan, M. T.
Chicago: Univ. of Chicago Press.1979: 3–16
- **National development and the world system: educational, economic, and political change, 1950–1970**
edited by Meyer, J. W., Hannan, M. T.
Univ. of Chicago Press.1979
- **National economic development in the contemporary world system, 1950–1970** *National development and the world system*
Meyer, J. W., Rubinson, R., Thomas, G., Hannan, M. T.
edited by Meyer, J. W., Hannan, M. T.
Chicago: Univ. of Chicago Press.1979: 85–116
- **Reply to Goodwin** *American Journal of Sociology*
Tuma, N. B., Groeneveld, L. P., Hannan, M. T.
1979; 85: 657-61
- **What can we learn about marriage from social experiments?** *Proceedings of the American Statistical Association, Business and Economics Section*
Tuma, N. B., Groeneveld, L. P., Hannan, M. T.
1979: 1–6
- **Methodological issues in the study of national development** *National development and the world system*
Hannan, M. T.
edited by Meyer, J. W., Hannan, M. T.
Chicago: Univ. of Chicago Press.1979: 17–33

- **Issues for further comparative research** *National development and the world system*
Hannan, M. T., Meyer, J. W.
edited by Meyer, J. W., Hannan, M. T.
Chicago: Univ. of Chicago Press.1979: 297–308
- **The dynamics of ethnic boundaries in modern states** *National development and the world system*
Hannan, M. T.
edited by Meyer, J. W., Hannan, M. T.
Chicago: Univ. of Chicago Press.1979: 253–275
- **The expansion of national educational systems** *National development and the world system*
Hannan, M. T., Nielsen, F.
edited by Meyer, J. W., Hannan, M. T.
Chicago: Univ. of Chicago Press.1979: 56–71
- **METHODS FOR TEMPORAL ANALYSIS** *ANNUAL REVIEW OF SOCIOLOGY*
Hannan, M. T., TUMA, N. B.
1979; 5: 303-328
- **INCOME AND PSYCHOLOGICAL DISTRESS - IMPACT OF AN INCOME-MAINTENANCE EXPERIMENT** *JOURNAL OF HEALTH AND SOCIAL BEHAVIOR*
Thoits, P., Hannan, M.
1979; 20 (2): 120-138
- **INCOME AND INDEPENDENCE EFFECTS ON MARITAL DISSOLUTION - RESULTS FROM SEATTLE AND DENVER INCOME-MAINTENANCE EXPERIMENTS** *AMERICAN JOURNAL OF SOCIOLOGY*
Hannan, M. T., TUMA, N. B., Groeneveld, L. P.
1978; 84 (3): 611-633
- **Organizations and environments**
edited by Meyer, M., Freeman, J., Meyer, J. W., Ouchi, W., Pfeffer, J., Scott, W. R., Hannan, M. T.
San Francisco: Jossey–Bass.1978
- **The population ecology of organizations** *The organizational society*
Hannan, M. T., Freeman, J.
edited by Presthus, R.
New York: St. Martin's Press.1978; 2nd
- **Internal politics of growth and decline** *Environments and organizations*
Freeman, J., Hannan, M. T.
edited by Mayer, M.
San Francisco: Jossey–Bass.1978: 177–99
- **Analysis of noneconomic outcomes in the Rural Income Maintenance Experiment** *Welfare in rural areas: The North Carolina–Iowa Income Maintenance Experiment*
Hannan, M. T.
edited by Palmer, J., Pechman, J.
Washington: Brookings Institution.1978: 183–210
- **The population ecology of organizations** *Environments and organizations*
Hannan, M. T., Freeman, J.
edited by Meyer, M.
San Francisco: Jossey–Bass.1978
- **Approaches to the censoring problem in event-history analysis** *Sociological methodology 1979*
Hannan, M. T., Tuma, N. B.
edited by Schuessler, K. F.
San Francisco: Jossey–Bass.1978: 209–40

- **POPULATION ECOLOGY OF ORGANIZATIONS** *AMERICAN JOURNAL OF SOCIOLOGY*
Hannan, M. T., Freeman, J.
1977; 82 (5): 929-964
- **Estimation of panel models: results on pooling cross sections and time series** *Sociological methodology 1977*
Young, A. A., Hannan, M. T.
edited by Heise, D.
San Francisco: Jossey-Bass.1977: 52-83
- **Obstacles to the comparative study of effectiveness** *Perspectives on organizational effectiveness*
Hannan, M. T., Freeman, J.
edited by Pennings, J., Goodman, P.
San Francisco: Jossey-Bass.1977
- **INCOME AND MARITAL EVENTS - EVIDENCE FROM AN INCOME-MAINTENANCE EXPERIMENT** *AMERICAN JOURNAL OF SOCIOLOGY*
Hannan, M. T., TUMA, N. B., Groeneveld, L. P.
1977; 82 (6): 1186-1211
- **EXPANSION OF NATIONAL EDUCATIONAL SYSTEMS - TESTS OF A POPULATION ECOLOGY MODEL** *AMERICAN SOCIOLOGICAL REVIEW*
Nielsen, F., Hannan, M. T.
1977; 42 (3): 479-490
- **Impacts of income maintenance on the making and breaking of marital unions**
Tuma, N. B., Groeneveld, L. P., Hannan, M. T.
Menlo Park, Cal.: Stanford Research Institute.1976
- **SOLUTION AND INTERPRETATION OF DIFFERENTIAL EQUATION MODELS - REPLY** *AMERICAN SOCIOLOGICAL REVIEW*
Freeman, J., Hannan, M. T.
1976; 41 (4): 748-749
- **SPECIFICATION OF MODELS FOR ORGANIZATIONAL-EFFECTIVENESS** *AMERICAN SOCIOLOGICAL REVIEW*
Hannan, M. T., Freeman, J. H., Meyer, J. W.
1976; 41 (1): 136-143
- **GROWTH AND DECLINE PROCESSES IN ORGANIZATIONS** *AMERICAN SOCIOLOGICAL REVIEW*
Freeman, J., Hannan, M. T.
1975; 40 (2): 215-228
- **ESTIMATION FROM GROUPED OBSERVATIONS** *AMERICAN SOCIOLOGICAL REVIEW*
Hannan, M. T., Burstein, L.
1974; 39 (3): 374-392
- **The causal approach to measurement error in panel analysis: some further contingencies** *Measurement in the social sciences*
Robinson, R., Warren, J., Hannan, M. T.
edited by Blalock, H. M.
Chicago: Aldine.1973: 293-323
- **Sociological perspectives on poverty** *Perspectives on poverty*
Hannan, M. T.
edited by Dugan, D., Leahy, W.
New York: Praeger.1971: 6-22
- **Aggregation and disaggregation in sociology**
Hannan, M. T.
Lexington,Mass.: Lexington.1971
- **Problems of aggregation and disaggregation in sociological research** *IRSS Methodology Monograph Series*
Hannan, M. T.
Univ. of North Carolina, Chapel Hill: Institute for Research in the Social Sciences.1970

- **Problems of aggregation** *Causal models in the social sciences*
Hannan, M. T.
edited by Blalock, H. M.
Chicago: Aldine.1970: 473–508