



I work as a Professor of Operations Management and Organization Design at IE Business School in Madrid, Spain.

My research, teaching, and consulting are best described as a combination of economics, sociology, psychology, management, philosophy, and statistics. In addition to the substantive topics of strategy, management, and organization design, I specialize in methodology: research design, analysis of complex statistical data, reasoning, scientific rhetoric, and argumentation.

I received my Ph.D. degree from the University of Minnesota and my M.Sc. and B.Sc. degrees from Iowa State University.

My current research focuses on organization design, governance, research methodology, and scientific argumentation. I publish my research results mainly in peer-reviewed academic journals. In addition to journal-length contributions, I have written two books: (1) *Statistical Inference and Scientific Argumentation*, an advanced statistical methods textbook; and (2) *Manufacturing in Transition: A New Challenge for Strategic Management*, a book on operations management for practitioners. My third book *Organization Design: A Governance Approach* (working title) with Joseph T. Mahoney (University of Illinois) is under preparation (expected publication in 2022 by Oxford University Press).

In 2015-2017, I served as the Co-Editor-in-Chief of *Journal of Operations Management*. In addition, I serve or have served on the editorial boards of various academic journals.

In 2013-2020 I held the position of Senior Fellow and in 2006-2013 the position of Associate Research Fellow at ETLA, the Research Institute of the Finnish Economy, where I have examined in collaboration with economists the link between economic policy and business management. In 2009, I was one of the expert panelists evaluating the Finnish Innovation System at the request of the Ministry of Employment and the Economy.

Research scholars, clinical psychiatrists, and other psychiatric professionals associated with University of Helsinki, Helsinki University Central Hospital, and the Hospital District of the Greater Helsinki Region constitute another important collaborator in my work as a scientific advisor and consultant. Using statistical datasets, we have investigated mental disorders, personality disorders, suicide, antidepressive medication, substance abuse, neurophysiology, and psychometric measurement, among other topics.

As an independent scientific advisor and consultant, I have worked with both scientists and managers of business and non-profit organizations. I have collaborated—either as an advisor or co-author—with scientists in several fields of research, ranging from economic policy and corporate reputation to immigration and nuclear safety. In managerial training and consulting, in turn, I work with managers on issues related to organization design, strategy, and decision-making.

I teach organization design, governance, and research methods at doctorate (Ph.D. and DBA) and master's (MBA) levels. In addition to IE Business School, I teach or have taught at University of Lausanne (Switzerland), University of Minnesota (U.S.), Benedictine University (U.S.), HEC School of Management Paris (France), Hanken School of Economics (Finland), University of Helsinki (Finland), Helsinki University of Technology (Finland), University of Jyväskylä (Finland), and Zaragoza Logistics Center (Spain).

POSITIONS AND AFFILIATIONS

CURRENT

Professor | IE Business School, IE University, Madrid | 2010–
Distinguished Visiting Scholar | Benedictine University, Chicago | 2015–

PAST

Co-Editor-in-Chief | Journal of Operations Management | 2015–2017
Senior Fellow | ETLA, The Research Institute of the Finnish Economy | 2013–2020
Associate Research Fellow | ETLA, The Research Institute of the Finnish Economy | 2006–2013
Distinguished Senior Fellow | Hanken School of Economics, Helsinki | 2011–12, 2019–20
Professeur Invité | HEC Lausanne (University of Lausanne) | 2009–2010, 2013, 2019
Visiting Associate Professor | IE Business School | 2007–2010
Senior Lecturer | Helsinki University of Technology | 2006–2010
Post-Doctoral Researcher | Helsinki University of Technology | 2000–2006
Professeur Affilié | HEC School of Management (Paris) | 2006–2007

EDUCATION

Doctor of Philosophy | University of Minnesota | 2000
Master of Science | Iowa State University | 1997
Bachelor of Science | Iowa State University | 1995

EXPERTISE

Organization Design | Governance | Management of Startups | Strategic Management | General Management | Operations Management | Production Economics | Organization Economics | Economic Policy | Organization Theory | Research Design | Multivariate Statistics | General Methodology | Reasoning and Argumentation | Philosophy of Science

TEACHING

Organization Design (Master's, Ph.D.) | Operations Management (Master's, Ph.D.) | Research Design (Ph.D.) | Scientific Argumentation (Ph.D.) | Statistical Research Methods (Master's, Ph.D.)

OTHER ACADEMIC POSITIONS AND ACTIVITIES

Departmental Editor, Governance & Stakeholder Relationships | Management and Business Review | 2020–
Editorial Board Member | Academy of Management Review | 2010–
Editorial Review Board Member | Journal of Operations Management | 2018–
Editorial Board Member | Decision Sciences Journal | 2004–2010
Editorial Board Member | Production and Operations Management | 2005–2010
Associate Editor | Journal of Operations Management | 2007–2012
Scientific Advisor | Data analytics | 2005–2017
Panelist | Evaluation of the Finnish Innovation System | 2009

CONTACT INFORMATION AND INTERNET RESOURCES

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Google Scholar	www.bit.ly/Ketokivi_GoogleScholar
ISI Web of Science	www.bit.ly/Ketokivi_WebOfScience

This document contains my most important academic publications, categorized as follows:

- 1) Articles in peer-reviewed academic journals, primary discipline;
- 2) Articles in peer-reviewed academic journals, secondary disciplines;
- 3) Books and monographs; and
- 4) Other (book chapters, editorials, cases, etc.).

My primary discipline is organization and management research. Publications in the secondary disciplines (e.g., social psychology, psychopathology) derive from my work as scientific advisor. Items within each category appear in reverse chronological order.

1 | ARTICLES IN PEER-REVIEWED ACADEMIC JOURNALS, PRIMARY DISCIPLINE

- [1-28] Mantere S. & **Ketokivi M.** (2021). "Formalized reasoning in qualitative research: A methodological evaluation of templates." Under peer review.
- [1-27] **Ketokivi M.** & Mantere S. (2021). "What warrants a claim? A methodological evaluation of argument structure." *Journal of Operations Management*, in press.
- [1-26] **Ketokivi M.**, Bromiley P. & Awaysheh A. (2021). "Making theoretically informed choices in specifying panel-data models." *Production and Operations Management*, in press.
- [1-25] Bhardwaj A. & **Ketokivi M.** (2021). "Bilateral dependency and supplier performance ambiguity in supply chain contracting: Evidence from the railroad industry." *Journal of Operations Management* 67, 49-70.
- [1-24] **Ketokivi M.** & Mahoney J. (2020). "Transaction cost economics as a theory of supply chain efficiency." *Production and Operations Management* 29(4), 1011-1031.
- [1-23] **Ketokivi M.** (2019). "Avoiding bias and fallacy in survey research: A behavioral multilevel approach." *Journal of Operations Management* 65, 380-402.
- [1-22] Groop J., **Ketokivi M.**, Gupta M. & Holmström J. (2017). "Improving home care: Knowledge creation through engagement and design." *Journal of Operations Management*, 53-56, 9-22.
- [1-21] **Ketokivi M.**, Mantere S. & Cornelissen J. (2017). "Reasoning by analogy and the progress of theory." *Academy of Management Review* 42(4), 637-658.
- [1-20] **Ketokivi M.** & McIntosh C. (2017). "Addressing the endogeneity dilemma in operations management research: Theoretical, empirical, and pragmatic considerations." *Journal of Operations Management* 52: 1-14.
- [1-19] **Ketokivi M.**, Turkulainen V., Seppälä T., Rouvinen P. & Ali-Yrkkö J. (2017). "Why locate manufacturing in a high-cost country? A case study of 35 production location decisions." *Journal of Operations Management* 49-51: 20-30.
- [1-18] **Ketokivi M.** & Mahoney J. (2016). "Transaction cost economics as a constructive stakeholder theory." *Academy of Management Learning & Education* 15(1): 123-138.
- [1-17] **Ketokivi M.** & Choi T. (2014). "Renaissance of case research as a scientific method." *Journal of Operations Management* 32(5): 232-240.
- [1-16] Turkulainen V. & **Ketokivi M.** (2013). "The contingent value of organizational integration." *Journal of Organization Design* 2(2): 27-42.
- [1-15] Mantere S. & **Ketokivi M.** (2013). "Reasoning in organization science." *Academy of Management Review* 38(1): 70-89.
- [1-14] Turkulainen V. & **Ketokivi M.** (2012). "Cross-functional integration and performance: What are the real benefits?" *International Journal of Operations and Production Management* 32(4): 447-467.
- [1-13] Tenhiälä A. & **Ketokivi M.** (2012) "Order management in the customization-responsiveness squeeze." *Decision Sciences* 43(1): 173-206.

- [1-12] **Ketokivi M.** & Mantere S. (2010). "Two strategies for inductive reasoning in organizational research." *Academy of Management Review* 35(2): 315-333.
- [1-11] **Ketokivi M.** & Ali-Yrkkö J. (2009). "Unbundling R&D and manufacturing: Post-industrial myth or economic reality?" *Review of Policy Research* 26(1-2): 35-54
- [1-10] Holmström J., **Ketokivi M.** & Hameri A. (2009). "Bridging practice and theory: A design science approach." *Decision Sciences* 40(1): 65-87.
- [1-09] **Ketokivi M.** (2006). "Elaborating the contingency theory of organizations: The case of manufacturing flexibility strategies." *Production and Operations Management* 15(2): 215-228.
- [1-08] **Ketokivi M.** & Jokinen M. (2006). "Strategy, uncertainty and the focused factory in international process manufacturing." *Journal of Operations Management* 24(3): 250-270.
- [1-07] **Ketokivi M.** & Castañer X. (2004). "Strategic planning as an integrative device." *Administrative Science Quarterly* 49(3): 337-365.
- [1-06] **Ketokivi M.** & Schroeder R. (2004). "Perceptual measures of performance: Fact or fiction?" *Journal of Operations Management* 22(3): 247-264.
- [1-05] **Ketokivi M.** & Schroeder R. (2004). "Strategic, structural contingency and institutional explanations in the adoption of innovative manufacturing practices." *Journal of Operations Management* 22(1): 63-89.
- [1-04] **Ketokivi M.** & Schroeder R. (2004). "Manufacturing practices, strategic fit and performance: A routine-based view." *International Journal of Operations and Production Management* 24(2): 171-191.
- [1-03] **Ketokivi M.** & Heikkilä J. (2003). "Strategic management system for manufacturing: Linking action to performance." *Production Planning & Control* 14(6): 487-496.
- [1-02] Cua K., **Ketokivi M.** & Schroeder R. (2002). "A perceptual measure of the degree of development of proprietary equipment." *Structural Equation Modeling* 9(4): 579-598.
- [1-01] Schroeder R., Bates K. & **Ketokivi M.** (2002). "A resource-based view of manufacturing strategy and the relationship to manufacturing performance." *Strategic Management Journal* 23(2): 105-117

2 | ARTICLES IN PEER-REVIEWED ACADEMIC JOURNALS, SECONDARY DISCIPLINES

- [2-13] Holma K.M., Holma I., **Ketokivi M.**, Oquendo M. & Isometsä E. (2019). "The relationship between smoking and suicidal behavior in psychiatric patients with major depressive disorder." *Archives of Suicide Research* 23(4): 590-604.
- [2-12] Pallaskorpi S., Suominen K., **Ketokivi M.**, Valtonen H., Arvilommi P., Mantere O., Leppämäki S. & Isometsä E. (2017). "Incidence and predictors of suicide attempts in bipolar I and II disorders: A five-year follow-up" *Bipolar Disorders* 19: 13-22.
- [2-11] Baryshnikov, I., Aaltonen K., Koivisto M., Näätänen P., Karpov B., Melartin T., Heikkinen, M., **Ketokivi M.**, Joffe G. & Isometsä E. (2015). "Differences and overlap in self-reported symptoms of bipolar disorder and borderline personality disorder." *European Psychiatry* 30(8): 914-919.
- [2-10] Pallaskorpi S., Suominen K., **Ketokivi M.**, Mantere O., Arvilommi P., Valtonen H., Leppämäki S. & Isometsä E. (2015). "Five-year outcome of bipolar I and II disorder: Findings of the Jorvi Bipolar Study." *Bipolar Disorders* 17(4): 363-374.
- [2-09] Mähönen T., Jasinskaja-Lahti I. & **Ketokivi M.** (2014). "Mapping the individual-level dynamics of perceived discrimination and attitudes toward multiculturalism and cultural maintenance: A pre-post study of migration." *International Journal of Intercultural Relations* 39(March): 124-135.
- [2-08] Kiesepä T., Mäntylä R., Tuulio-Henriksson A., Luoma K., Mantere O., **Ketokivi M.**, Holma M., Jylhä P., Melartin T., Suominen K., Vuorilehto M. & Isometsä E. (2014). "White matter hyperintensities and cognitive performance in adult patients with bipolar I, bipolar II, and major depressive disorders." *European Psychiatry* 29(4): 226-232.
- [2-07] Melartin T., Mantere O., **Ketokivi M.** & Isometsä E. (2013). "A prospective latent analyses study of axis I psychiatric comorbidity of DSM-IV major depressive disorder." *Psychological Medicine* 44(5): 949-959.
- [2-06] Jylhä P., **Ketokivi M.**, Mantere O., Melartin T., Suominen K., Vuorilehto M., Holma M., Holma I. & Isometsä E. (2013). "Temperament, character, and personality disorders." *European Psychiatry* 28(8): 483-491.

- [2-05] Holma I., Holma M., Melartin T., **Ketokivi M.** & Isometsä E. (2013). "Depression and smoking: a five-year prospective study of patients with major depressive disorder." *Depression and Anxiety* 30(6): 580-588.
- [2-04] Jasinskaja-Lahti I., Mähönen T. & **Ketokivi M.** (2012). "The dynamics of ethnic discrimination, identities, and outgroup attitudes: A pre-post longitudinal study of ethnic remigrants." *European Journal of Social Psychology* 42(7): 904–914.
- [2-03] Jylhä P., **Ketokivi M.**, Mantere O., Melartin T., Holma M., Rytsälä H. & Isometsä E. (2012). "Do antidepressants change personality? A five-year observational study." *Journal of Affective Disorders* 142(1-3): 200-207.
- [2-02] Mantere O., Soronen P., Uher R., **Ketokivi M.**, Jylhä P., Melartin T., Paunio T. & Isometsä E. (2012). "Neuroticism mediates the effect of P2RX7 on outcomes of mood disorders." *Depression and Anxiety* 29(9): 816-823.
- [2-01] Mantere O., Isometsä E., **Ketokivi M.**, Kiviruusu O., Suominen K., Valtonen H., Arvilommi P. & Leppämäki S. (2010). "A prospective latent analyses study of psychiatric comorbidity of DSM-IV bipolar I and II disorders." *Bipolar Disorders* 12(3): 271-284.

3 | BOOKS AND MONOGRAPHS

- [3-04] **Ketokivi M.** & Mahoney J. (2022 planned). *Organization Design: A Governance Approach*. Oxford University Press.
- [3-03] **Ketokivi M.** (2015). *Tilastollinen päättely ja tieteellinen argumentointi (Statistical Inference and Scientific Argumentation)*, 2nd edition (1st edition 2009). Helsinki University Press, Helsinki. In Finnish.
- [3-02] Heikkilä J. & **Ketokivi M.** (2005). *Tuotanto murroksessa: strategisen johtamisen uusi haaste (Manufacturing in Transition: A New Challenge for Strategic Management)*. Talentum, Helsinki. In Finnish.
- [3-01] **Ketokivi M.** (2000). *Toward a Theory of Manufacturing Strategy*. Doctoral dissertation, University of Minnesota.

4 | OTHER (BOOK CHAPTERS, EDITORIALS, CASES, ETC.)

- [4-18] **Ketokivi M.** (2020). "What is going on here? *In Memoriam* Oliver Williamson." *Journal of Operations Management* 66(5): 492-493.
- [4-17] Castañer X. & **Ketokivi M.** (2018). "Toward a theory of organizational integration." In Joseph J., Baumann O., & Burton R. (Eds.) *Organization Design (Advances in Strategic Management, Volume 40)*, 53-80.
- [4-16] "Rebel Hockey (B): Getting the Governance Right in a Startup." Teaching case prepared for IE Business School in collaboration with Prof. Aino Tenhiälä (IE Business School).
- [4-15] "Rebel Hockey (A): An Entrepreneurial Operation Challenges the Industry Recipe." Teaching case prepared for IE Business School.
- [4-14] **Ketokivi M.** & Mahoney J. (2017). "Transaction cost economics as a theory of the firm, management, and governance." A chapter in the Oxford Research Encyclopedia of Business and Management, a digital encyclopedia of articles available at business.oxfordre.com.
- [4-13] **Ketokivi M.** (2017). "One more time, it is not about cost!" Editorial in *Journal of Operations Management* 49-51: 82.
- [4-12] De Treville S., **Ketokivi M.** & Singhal V. (2017). "Competitive manufacturing in a high-cost environment: Introduction to the Special Issue." *Journal of Operations Management* 49-51: 1-5.
- [4-11] Guide V.D.R. & **Ketokivi M.** (2016). "Notes from the Editors: Ethical guidelines at *Journal of Operations Management*." Editorial in *Journal of Operations Management* 42-43: 1-3.
- [4-10] **Ketokivi M.** (2016). "Point-counterpoint: Resource heterogeneity, performance, and competitive advantage." Editorial in *Journal of Operations Management* 41: 75-76.
- [4-09] **Ketokivi M.** (2016). "On the importance of revisiting what we (thought we) already knew." Editorial in *Journal of Operations Management* 41: 62.

- [4-08] Guide V.D.R. & **Ketokivi M.** (2016). "JOM Forum." Editorial in Journal of Operations Management 41: 61.
- [4-07] Guide V.D.R. & **Ketokivi M.** (2015). "Notes from the Editors: Restructuring the Journal of Operations Management." Editorial in Journal of Operations Management 38: v-x.
- [4-06] Guide V.D.R. & **Ketokivi M.** (2015). "Notes from the Editors: Redefining some methodological criteria for the journal." Editorial in Journal of Operations Management 37: v-viii.
- [4-05] "Interdisciplinary research in Operations Management." Interview by Prof. Eve Rosenzweig in POMS Chronicle 18(1): 18-23.
- [4-04] Breznitz D., **Ketokivi M.** & Rouvinen P. (2009). "Demand- and user-driven innovation." In the edited book Evaluation of the Finnish Innovation System, Ministry of Education and Ministry of Employment and the Economy, Finland.
- [4-03] **Ketokivi M.** (2009). "The dilemma of trying to understand the real world." Decision Line 40(5): 10-13.
- [4-02] **Ketokivi M.** (2009). Commentary to Prof. Roger Schmenner's article "Too much theory, not enough understanding." Journal of Operations Management 27(5): 339-343.
- [4-01] **Ketokivi M.** (2009). "Guest editorial: In what ways can academic research be relevant?" Operations Management Research 1(2): 81-85.