



Mikayel VARDANYAN

Ph.D. in Economics

Associate Professor, Quantitative Methods

Head of Department

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EDUCATION

2005 Ph.D. in Economics, Oregon State University, USA

RESEARCH INTERESTS

Economics, Quantitative Methods

EMPLOYMENT EXPERIENCE

ACADEMIC:

2013 - Present Head of Department, IÉSEG School of Management, France

2010 - Present Professor, Economics and Quantitative methods, IÉSEG School of Management, France

2008 - 2010 Research Associate, University of Luxembourg and the Central Bank of Luxembourg, Luxembourg City, Luxembourg

2006 - 2008 Lecturer, The State University of New York at Binghamton, Binghamton, USA

2005 - 2006 Lecturer, Oregon State University, Corvallis, USA

2001 - 2005 Teaching and Research Assistant, Oregon State University, Corvallis, USA

CONSULTING EXPERIENCE

2011 External Expert, Luxembourg School of Finance, University of Luxembourg, Luxembourg

COURSES TAUGHT

- Economics and business research seminar, Grande ecole
- Quantitative methods, International mba
- Quantitative methods and data analysis, Msc in fashion management

INTELLECTUAL CONTRIBUTIONS

Papers in refereed journals

Published

- Ferrier G., Leleu H., Valdmanis V., Vardanyan M., (2018), A Directional Distance Function Approach for Identifying the Input/Output Status of Medical Residents, *Applied Economics*, 50(9), pp. 1006-1021
- Färe R., Pasurka C., Vardanyan M., (2017), On Endogenizing Direction Vectors in Parametric Directional Distance Function-Based Models, *European Journal of Operational Research*, 262, pp. 361-369
- Färe R., Vardanyan M., (2016), A note of Parameterizing Input Distance Functions: Does the Choice of a Functional Form Matter?, *Journal of Productivity Analysis*, 45(2), pp. 121-130
- Chambers R., Färe R., Grosskopf S., Vardanyan M., (2013), Generalized Quadratic Revenue Functions, *Journal of Econometrics*, 173(1), pp. 11-21
- Guarda P., Rouabah A., Vardanyan M., (2013), Identifying Bank Outputs and Inputs with a Directional Technology Distance Function, *Journal of Productivity Analysis*, 40(2), pp. 185-195
- Färe R., Carlos Martins-Filho C., Vardanyan M., (2010), On Functional Form Representation of Multi-Output Production Technologies, *Journal of Productivity Analysis*, 33(2), pp. 81-96
- Vardanyan M., Noh D.-W., (2006), Approximating the Cost of Pollution Abatement via Alternative Specifications of a Multi-Output Production Technology: a Case of the U.S. Electric Utility Industry, *Journal of Environmental Management*, 80(2), pp. 177-190
- Vardanyan M., Tremblay V., (2006), The Measurement of Marketing Efficiency in the Presence of Spillovers: Theory and Evidence, *Managerial and Decision Economics*, 27(5), pp. 319-331

Communications in refereed conferences

International

- Ferrier G., Leleu H., Valdmanis V., Vardanyan M., (2018), *Does Hospital Efficiency and Productivity Depend on Hospital Type?* 10th North American Productivity Workshop, Miami, USA
- Färe R., Pasurka C., Vardanyan M., (2016), *On Endogenizing Direction Vectors in Parametric Directional Distance Function-Based Models* 9th North American Productivity Workshop, Quebec City, Canada
- Ferrier G., Leleu H., Valdmanis V., Vardanyan M., (2015), *A Directional Distance Function Approach for Identifying the Input/Output Status of Medical Residents* 14th European Workshop on Efficiency and Productivity Analysis, Helsinki, Finland
- Färe R., Vardanyan M., (2013), *Parameterizing Input Distance Functions: Does the Choice of the Functional Form Matter* Thirteenth European Workshop on Efficiency and Productivity Analysis, Helsinki, Finland
- Ferrier G., Leleu H., Valdmanis V., Vardanyan M., (2013), *A Directional Distance Function Approach to Identifying the Input/Output Status of Medical Residents* INFORMS Annual Meeting, Minneapolis, USA
- Guarda P., Rouabah A., Vardanyan M., (2013), *Identifying Bank Outputs and Inputs with a Directional Technology Distance Function* Ninth Eurasia Business and Economic Society Conference, Rome, Italy
- Guarda P., Rouabah A., Vardanyan M., (2011), *A Directional Distance Function Approach to Identifying Bank Output* Banking, Productivity and Growth, Luxembourg City, Luxembourg
- Guarda P., Rouabah A., Vardanyan M., (2010), *Efficiency and Productivity in Luxembourg's Banking Industry: A Stochastic Directional Distance Function Approach* Sixth North American Productivity Workshop, Houston, USA
- Guarda P., Rouabah A., Vardanyan M., (2009), *Returns to Scale and Economies of Scope in Luxembourg's Banking Industry* Eleventh European Workshop on Efficiency and Productivity Analysis, Pisa, Italy

SCIENTIFIC PRIZES AND AWARDS

Award

- 2004 Outstanding Graduate Student Award (exceptional scholar), Oregon State University, Unknown

2003 Outstanding Graduate Assistant Award, Oregon State University, Unknown

EDITORIAL ACTIVITY

Reviewer in an academic journal

- 2017 - 2018 Journal of Productivity Analysis
- 2017 - 2018 European Journal of Operational Research
- 2017 - 2018 Agricultural Economics
- 2016 - 2017 Journal of Productivity Analysis
- 2015 - 2016 Journal of Productivity Analysis

INSTITUTIONAL SERVICE

Contribution to an international academic partnership

- 2018 Visiting Professor, Wuhan University, China
- 2017 Visiting Professor, Wuhan University, China
- 2015 - 2016 Facilitation of the Organization of a Sabbatical Visit , University of Arkansas, USA

Extensive contribution to a corporate partnership

- 2016
- 2016 Executive Education Programs, IÉSEG School of Management, France

Head of a recruitment jury (orals)

- 2018
- 2017
- 2016 Oral Admission Exams, IÉSEG School of Management, France

Member of a teaching quality committee

2017

Participation in a pedagogical cafe

- 2016 Pedagogical Cafe, IÉSEG School of Management, France

Participation in recruitment of professors

- 2017
- 2015 - 2016