



Marijn VERSHELDE

Ph.D. in Economics

Associate Professor, Quantitative Methods

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EDUCATION

- 2012** Ph.D. in Economics, Ghent University, Belgium
- 2008** Research Master in Economics, Université catholique de Louvain, Belgium
- 2007** Master in Economics, Ghent University, Belgium

PROFESSIONAL CERTIFICATION

- 2018** Pedagogical Certificate, IÉSEG School of Management, France

RESEARCH INTERESTS

Applied microeconometrics, Performance evaluation, Microeconomics

COURSES TAUGHT

- Advanced econometrics, Grande ecole
- Introduction to econometrics, Grande ecole
- Managerial economics, Grande ecole
- Network economy, Msc in international business
- Markets and prices
- International business
- International business

INTELLECTUAL CONTRIBUTIONS

Papers in refereed journals

Published

Roets B., Vershelde M., Christiaens J., (2018), Multi-output efficiency and operational safety: An analysis of railway traffic control centre performance, *European Journal of Operational Research*, 271, pp. 224-237

Hennebel V., Simper R., Vershelde M., (2017), Is there a prison size dilemma? An empirical analysis of output-specific scale economies, *European Journal of Operational Research*, 262(1), pp. 306-321

Vershelde M., Gavoille N., (2017), Electoral competition and political selection: An analysis of the activity of French deputies, 1958-2012, *European Economic Review*, 92, pp. 180-195

Dumont M., Rayp G., Vershelde M., Merlevede B., (2016), The contribution of start-ups and young firms to industry-level efficiency growth, *Applied Economics*, 48(59), pp. 5786-5801

Vershelde M., Dumont M., Rayp G., Merlevede B., (2016), Semiparametric metafrontier efficiency of European manufacturing firms, *Journal of Productivity Analysis*, 45(1), pp. 53-69

Rogge N., Simper R., Vershelde M., Hall M., (2015), An analysis of managerialism and performance in English and Welsh male prisons, *European Journal of Operational Research*, 241(1), pp. 224-235

Vershelde M., Hindriks J., Rayp G., Schoors K., (2015), School staff autonomy and educational performance: within-school-type evidence, *Fiscal Studies*, 36(2), pp. 127-155

Rogge N., Vershelde M., (2013), A composite index of citizen satisfaction with local police services, *Policing: An International Journal of Police Strategies & Management*, 36(2), pp. 319-342

Vershelde M., D'Haese M., Rayp G., Vandamme E., (2013), Challenging small-scale farming: a non-parametric analysis of the (inverse) relationship between farm productivity and farm size in Burundi, *Journal of Agricultural Economics*, 64(2), pp. 319-242

Vershelde M., Rogge N., (2012), An environment-adjusted evaluation of citizen satisfaction with local police effectiveness: Evidence from a conditional Data Envelopment Analysis approach, *European Journal of Operational Research*, 223(1), pp. 214-225

Forthcoming

Atmaca S., Schoors K., Vershelde M., (2017), Bank loyalty, Social Networks and Crisis, *Journal of Banking & Finance*

Communications in refereed conferences

International

Vershelde M., (2018), *Identifying financing constraints from production behavior* 10th North American Productivity Workshop, Miami, USA

Vershelde M., (2018), *Nonparametric identification of technological heterogeneity in production* 33rd Annual congress of the European Economic Association, Cologne, Germany

Vershelde M., (2018), *Nonparametric identification of unobserved technological heterogeneity in production* 45th European Association for Research in Industrial Economics Annual Conference, Athens, Greece

Cherchye L., De Rock B., Demuyne T., Vershelde M., (2017), *Nonparametric production analysis with unobserved heterogeneity* 15th International Conference on Data Envelopment Analysis, Prague, Czech Republic

Cherchye L., Demuyne T., De Rock B., Vershelde M., (2017), *Nonparametric production analysis with unobserved heterogeneity* 15th European Workshop on Efficiency and Productivity Analysis (EWEPA), London, United Kingdom

Other conference and seminar presentations

International

Vershelde M., (2017), *Firm heterogeneity in factor biased technological change* TU Darmstadt, Darmstadt, Germany

Vershelde M., (2016), *The firm characteristics of factor biased technical change* BICEPS, Stockholm School of Economics, Riga, Latvia

Chapters in books

Published

Cherchye L., De Rock B., Estache A., Vershelde M., (2018), Efficiency measures in regulated industries: History, outstanding challenges and emerging solutions, in: Grifell-Tatjé, Emili, Lovell, C.A. Knox and Sickles, Robin C.(Eds.), *Oxford Handbook of Productivity Analysis*, 9780190226718, Oxford University Press, Oxford, chapter 15, pp. 493-521

Research reports

Cherchye L., Demuynck T., De Rock B., Vershelde M., (2018), *Nonparametric identification of unobserved technological heterogeneity in production*, National Bank of Belgium Working Paper Series 335, 38 pages

Vershelde M., Dumont M., Rayp G., Merlevede B., (2014), *European competitiveness - A semiparametric stochastic metafrontier analysis at the firm level*, ECB Working Paper Series 1701, 145 pages

Vershelde M., Dumont M., Merlevede B., Rayp G., (2014), *A constrained nonparametric regression analysis of factor-biased technical change and TFP growth at the firm-level*, National Bank of Belgium Working Paper Series 266, 51 pages

Working papers

Hennebel V., Simper R., Vershelde M., (2016), *Is there a prison size dilemma? An empirical analysis of output-specific economies of scale*, IESEG Working Paper Series 2016-EQM-09

Grants

2016 Nonparametric identification of financing constraints, European Central Bank (Germany)

2013 Depositor loyalty revealed: life events, the social network, branch activities and the financial crisis, Anonymous private bank (Belgium)

2012 Total Factor Productivity Research Grant, National Bank of Belgium (Belgium)

2011 Competitiveness Research Grant, National Bank of Belgium (Belgium)

SCIENTIFIC PRIZES AND AWARDS

Award

2012 Triennial Joseph Merlot - Joseph Leclercq price 2012, CIRIEC, Belgium

EDITORIAL ACTIVITY

Reviewer in an academic journal

Journal of Productivity Analysis

European Journal of Operational Research

World Development

Journal of Applied Econometrics

Operations Research

Applied Economics