

**LAURENS CHERCHYE**  
**CURRICULUM VITAE**  
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**Personal information**

Born on November 19, 1974 in Ieper, Belgium.

Married (to Annelies); 3 children (Robbe, 1999; Lieselot, 2001; Anna, 2003).

**Education**

PhD in Economics, KU Leuven, 2001

Master of Science in Economics, KU Leuven, 1998.

Licentiaat Economische Wetenschappen (Economic Sciences), KU Leuven, 1996

**Professional experience**

Full Professor 2 (gewoon hoogleraar), KU Leuven, 2013-

Extramural fellow of CentER, Tilburg University, 2011-

Honorary senior research associate, University College London (Department of Economics), 2011-

International research fellow, Institute for Fiscal Studies (IFS), 2011-

Research fellow, Center for Economic Policy research (CEPR), 2019-

Full Professor, Tilburg University, 2009-2011.

Full Professor 1 (hoogleraar), KU Leuven, 2010-2013.

Associate Professor (hoofddocent), KU Leuven, 2007 -2010.

Visiting professor at ECARES, Université Libre de Bruxelles, 2008-2009.

Assistant professor (docent), KU Leuven, 2005-2007.

Postdoctoral fellow of the Fund for Scientific Research-Flanders (FWO-Vlaanderen), 2002-2008.

**Current research activities and interests**

- Revealed Preference Theory and Non-Parametric Analysis of Consumer Behavior
- The Collective Model of Household Consumption Behavior
- Non-parametric Production and Efficiency Analysis

**Teaching**

Teaching at the KU Leuven and Tilburg University. Topics include Microeconomic Theory (Leuven), Operations Research (Leuven), Econometrics (Tilburg) and Research Seminar (Leuven).

**Publications**

*International journals*

1. Cherchye, L., T. Demuynck, B. De Rock and M. Freer (forthcoming), "Revealed preference analysis of expected utility maximization under prize-probability trade-offs", *Journal of Mathematical Economics*.
2. Cherchye, L., B. De Rock, S. Walther and F. Vermeulen (2021), "Where did it go wrong? Marriage and divorce in Malawi", *Quantitative Economics* 12, 505-545.
3. Bruyneel, S., Cherchye, L., Cosaert, S. De Rock, B. and S. Dewitte (2021), "Verbal aptitude hurts children's economic decision making accuracy", *Journal of Behavioral Decision Making* 34, 199-212.
4. Smeulders, B., L. Cherchye and B De Rock (2021), "Non-parametric analysis of random utility models: computational tools for statistical testing", *Econometrica* 89, 437-455.

5. Cherchye, L., B. De Rock, R. Griffith, M. O'Connell, K. Smith and F. Vermeulen (2020), "A new year, a new you? Heterogeneity and self-control in food purchases", *European Economic Review*, 127: 10347.
6. Cherchye, L., B. De Rock, K. Surana and F. Vermeulen (2020), "Marital matching, economies of scale and intrahousehold allocations", *Review of Economics and Statistics* 102, 823-837.
7. Cherchye, L., T. Demuynck, B. De Rock and K. Surana (2020), "Revealed preference analysis with normal goods: application to cost of living indices", *American Economic Journal: Microeconomics* 12, 165-188.
8. Cherchye, L., S. Cosaert, T. Demuynck and B. De Rock (2020), "Group consumption with caring individuals", *Economic Journal* 130, 587-622.
9. Cherchye, L., T. Demuynck and B. De Rock (2019), "Bounding counterfactual demand with unobserved heterogeneity and endogenous expenditures", *Journal of Econometrics* 211, 483-506.
10. Staessens, M., P.J. Kerstens, J. Bruneel and L. Cherchye (2019), "Data Envelopment Analysis and Social Enterprises: Analysing Performance, Strategic Orientation and Mission Drift", *Journal of Business Ethics* 159, 325-341.
11. Cherchye, L., De Witte, K. and Perelman S. (2019), "A Unified Productivity-Performance Approach Applied to Secondary Schools", *Journal of the Operational Research Society* 70, 1522-1537.
12. Cherchye, L., T. Demuynck and B. De Rock (2018), "Transitivity of preferences: when does it matter?", *Theoretical Economics* 13, 1043-1076.
13. Cherchye, L., S. Cosaert, B. De Rock, P.J. Kerstens and F. Vermeulen (2018), "Individual welfare analysis for collective households", *Journal of Public Economics* 166, 98-114.
14. Cherchye, L., B. De Rock and P.J. Kerstens (2018), "Production with storable and durable inputs: nonparametric analysis of intertemporal efficiency", *European Journal of Operational Research* 270, 498-513.
15. Cherchye, L., T. Demuynck and B. De Rock (2018), "Normality of demand in a two-goods setting", *Journal of Economic Theory* 173, 361-382.
16. Stamos, A., Bruyneel, S., Cherchye, L., De Rock, B. and S. Dewitte (2018), "A Dual-Process Model of Economic Decision Making: The Symmetric Effect of Intuitive and Cognitive Judgments on Optimal Budget Allocation", *Journal of Neuroscience, Psychology, and Economics* 11, 1-27.
17. Bruyneel, S., Cherchye, L., Cosaert, S., De Rock, B. and S. Dewitte (2017), "Measuring the willingness-to-pay for others' consumption: An application to joint decisions of children", *Quantitative Economics* 8, 1037-1082.
18. Cherchye, L., T. Demuynck, B. De Rock and F. Vermeulen (2017), "Household consumption when the marriage is stable", *American Economic Review* 107, 1507-1534.
19. Cherchye, L., De Rock, B. and V. Hennebel (2017), "Coordination efficiency in multi-output settings: a DEA approach", *Annals of Operations Research* 250, 205-233.
20. Talla Nobibon, F., L. Cherchye, F. Crama, T. Demuynck, B. De Rock and F. Spieksma (2016), "Revealed preference tests of collectively rational consumption behavior: formulations and algorithms", *Operations Research* 64, 1197-1216.
21. Cherchye, L., I. Crawford, B. De Rock and F. Vermeulen (2016), "Gorman revisited: nonparametric conditions for exact linear aggregation", *SERIEs: Journal of the Spanish Economic Association* 7, 203-220.
22. Cherchye, L. and Verriest, A. (2016), "The Impact of Home-Country Institutions and Competition on Firm Profitability", *International Business Review* 25-831-846.
23. Cherchye, L., B. De Rock and B. Walheer (2016), "Multi-output profit efficiency and directional distance functions", *Omega: International Journal of Management Science* 61, 100-109.
24. Cherchye, L., B. De Rock, A. Lewbel and F. Vermeulen (2015), "Sharing rule identification for general collective consumption models", *Econometrica* 83, 2001-2041.
25. Cherchye, L., T. Demuynck, B. De Rock and P. Hjertstrand (2015), "Revealed preference tests for weak separability: an integer programming approach", *Journal of Econometrics* 186, 129-141.
26. Smeulders, B., L. Cherchye, B. De Rock, F. Spieksma and F. Talla Nobibon (2015), "Complexity results for the Weak Axiom of Revealed Preference for collective consumption models", *Journal of Mathematical Economics* 58, 82-91.
27. Cherchye, L., B. De Rock and F. Vermeulen (2015), "A simple identification strategy for Gary Becker's time allocation model", *Economics Letters* 137, 187-190.

28. Smeulders, B., L. Cherchye, B. De Rock and F. Spieksma (2015), "Transitive preferences in multi-member households", *Economic Theory Bulletin* 3, 243-254.
29. Blundell, R., M. Browning, L. Cherchye, I. Crawford, B. De Rock and F. Vermeulen (2015), "Sharp for SARP: nonparametric bounds on counterfactual demands", *American Economic Journal: Microeconomics* 7, 43–60.
30. Cherchye, L., T. Demuynck and B. De Rock (2015), "Is utility transferable? A revealed preference analysis", *Theoretical Economics* 10, 51-65.
31. Cherchye, L., B. De Rock and B. Walheer (2015), "Multi-output efficiency with good and bad outputs", *European Journal of Operational Research* 240, 872-881.
32. Adams, A., L. Cherchye, B. De Rock and E. Verriest (2014), "Consume now or later? Time inconsistency, collective choice and revealed preference", *American Economic Review* 104, 4147-4183.
33. Cherchye, L., T. Demuynck, B. De Rock and K. De Witte (2014), "Nonparametric analysis of multi-output production with joint inputs", *Economic Journal* 124, 735-775.
34. Cherchye, L., T. Demuynck and B. De Rock (2014), "Revealed preference analysis for convex rationalizations on nonlinear budget sets", *Journal of Economic Theory* 152, 224-236.
35. Cherchye, L., B. De Rock and V. Hennebel (2014), "The economic meaning of Data Envelopment Analysis: a 'behavioral' perspective", *Socio-Economic Planning Sciences* 48, 29-37.
36. Smeulders, B., F. Spieksma, L. Cherchye and B. De Rock (2014), "Goodness of fit measures for revealed preference tests: Complexity results and algorithms", *ACM Transactions on Economics and Computation* 2, 1, Article 3.
37. Smeulders, B., L. Cherchye, B. De Rock, and F. Spieksma (2013), "The Money Pump as a Measure of Revealed Preference Violations: A Comment", *Journal of Political Economy* 121, 1248-1258.
38. Cherchye, L., B. De Rock, B. Dierynck, F. Roodhooft and J. Sabbe (2013), "Opening the 'black box' of efficiency measurement: input allocation in multi-output settings", *Operations Research* 61, 1148-1165.
39. Cherchye, L., T. Demuynck and B. De Rock (2013), "The empirical content of Cournot competition", *Journal of Economic Theory* 148, 1552 - 1581.
40. Cherchye, L., T. Demuynck and B. De Rock (2013), "Nash bargained consumption decisions: a revealed preference analysis", *Economic Journal* 123, 195-235.
41. Cherchye, L., B. De Rock and V. Platino (2013), "Private versus public consumption within groups: testing the nature of goods from aggregate data", *Economic Theory* 54, 485-500.
42. De Witte, K., Rogge, N., Cherchye, L. and Van Puyenbroeck, T. (2013), "Accounting for economies of scope in performance evaluations of university professors", *Journal of the Operational Research Society* 64, 1595-1604.
43. De Witte, K., Rogge, N., Cherchye, L. and Van Puyenbroeck, T. (2013), "Economies of scope in research and teaching: a non-parametric investigation", *Omega – International Journal of Management Science* 41, 305 - 314.
44. Cherchye, L., B. De Rock and F. Vermeulen (2012), "Married with children. A collective labor supply model with detailed time use and intrahousehold expenditure information", *American Economic Review* 102, 3377-3405.
45. Cherchye, L., B. De Rock and F. Vermeulen (2012), "Economic well-being and poverty among the elderly: an analysis based on a collective consumption model", *European Economic Review* 56, 985–1000.
46. Bruyneel, S., Cherchye, L., and B. De Rock (2012), "Collective consumption models with restricted bargaining weights: an empirical assessment based on experimental data", *Review of Economics of the Household* 10, 395-421.
47. Cherchye, L., T. Demuynck and B. De Rock (2011), "Revealed preference analysis of noncooperative household consumption", *Economic Journal* 121, 1073-1096.
48. Cherchye, L., B. De Rock and F. Vermeulen (2011), "The revealed preference approach to collective consumption behavior: testing and sharing rule recovery", *Review of Economic Studies* 78, 176–198.
49. Cherchye, L., T. Demuynck and B. De Rock (2011), "Testable implications of general equilibrium models: an integer programming approach", *Journal of Mathematical Economics* 47, 564-575.
50. Talla Nobibon, F., L. Cherchye, B. De Rock, J. Sabbe and F. Spieksma (2011), "Heuristics for deciding collectively rational consumption behavior", *Computational Economics* 38, 173 - 204.

51. Cherchye, L., W. Moesen, N. Rogge and T. Van Puyenbroeck (2011), "Constructing a knowledge economy composite indicator with imprecise data: a proposal", *Expert Systems with Applications* 38(9), 10940-10949.
52. Cherchye, L., B. De Rock and F. Vermeulen (2010), "An Afriat theorem for the collective model of household consumption", *Journal of Economic Theory* 145, 1142–1163.
53. Cherchye, L., K. De Witte, E. Ooghe and I. Nicaise (2010), "Equity and efficiency in private and public education: a nonparametric comparison", *European Journal of Operational Research* 202, 563-573.
54. Kuosmanen, T., M. Kortelainen, T. Sipilainen and L. Cherchye (2010), "Firm and industry level profit efficiency analysis under incomplete price data: a nonparametric approach based on absolute and uniform shadow prices" *European Journal of Operational Research* 202, 584-594.
55. Cherchye, L., B. De Rock and F. Vermeulen (2009), "Opening the black box of intra-household decision-making: Theory and non-parametric empirical tests of general collective consumption models", *Journal of Political Economy* 117, 1074-1104.
56. Cherchye, L., and T. Van Puyenbroeck (2009), "Semi-radial technical efficiency measurement", *European Journal of Operational Research* 193, 616-625.
57. L. Cherchye, B. De Rock, J. Sabbe and F. Vermeulen (2008), "Nonparametric tests of collectively rational consumption behavior: an integer programming procedure", *Journal of Econometrics* 147, 258-265.
58. Cherchye, L., Ooghe, E. and Van Puyenbroeck, T. (2008), "Robust Human Development Rankings", *Journal of Economic Inequality* 6, 287-321.
59. L. Cherchye en F. Vermeulen (2008), "Nonparametric analysis of household labor supply: goodness-of-fit and power of the unitary and the collective model", *Review of Economics and Statistics* 90, 267-274.
60. L. Cherchye, B. De Rock and F. Vermeulen (2008), "Analyzing efficient production behaviour under economies of scope: a nonparametric methodology", *Operations Research* 56, 204-221.
61. L. Cherchye, W. Moesen, N. Rogge, T. Van Puyenbroeck, M. Saisana, A. Saltelli, R. Liska and S. Tarantola (2008), "Creating composite indicators with DEA and robustness analysis: the case of the technology achievement index", *Journal of the Operational Research Society* 59, 239-251.
62. L. Cherchye, B. De Rock and F. Vermeulen (2007), "The collective model of household consumption: a nonparametric methodology", *Econometrica* 75, 553-574.
63. L. Cherchye, K. Lovell, W. Moesen and Van Puyenbroeck, T. (2007), "One Market, One Number? A Composite Indicator Assessment of EU Internal Market Dynamics", *European Economic Review* 51, 749-779.
64. L. Cherchye, W. Moesen, N. Rogge and T. Van Puyenbroeck, T. (2007), "An introduction to 'benefit of the doubt' composite indicators", *Social Indicators Research* 82, 111-145.
65. L. Cherchye and T. Van Puyenbroeck (2007), "Profit Efficiency Analysis Under Limited Information. With an Application to German Farm Types", *OMEGA International Journal of Management Science* 35, 335-349.
66. T. Kuosmanen, L. Cherchye, and T. Sippilainen (2006), "The Law of One Price in Data Envelopment Analysis: Restricting Weight Flexibility Across firms in DEA", *European Journal of Operational Research*, 170 (3), 735-757.
67. L. Cherchye and F. Vermeulen (2006), "Robust ranking of Multidimensional Performances: An Application to Tour de France Racing Cyclists", *Journal of Sports Economics* 7, 359-373.
68. L. Cherchye and P. Vanden Abeele (2005), "On Research Efficiency: A Micro-Analysis of Dutch University Research in Economics and Business Management", *Research Policy* 34, 495-516.
69. L. Cherchye, W. Moesen and T. Van Puyenbroeck (2004), "Legitimately diverse, yet comparable: synthesising social inclusion performance in the EU", *Journal of Common Market Studies* 42, 919-955.
70. L. Cherchye and T. Post (2003), "Methodological Advances in DEA: A survey and an application for the Dutch electricity sector", *Statistica Neerlandica* 57, 410-438.
71. L. Cherchye, T. Kuosmanen and T. Post (2002), "Nonparametric Production Analysis in Non-Competitive Environments", *International Journal of Production Economics* 80(3), 279-294.
72. T. Post, L. Cherchye and T. Kuosmanen (2002), "Non-Parametric Efficiency Estimation in Stochastic Environments", *Operations Research* 50 (4), 645-655.

73. L. Cherchye and T. Van Puyenbroeck (2001), "A Comment on Multistage DEA Methodology", *Operations Research Letters* 28, 93-98.
74. L. Cherchye, T. Kuosmanen and T. Post (2001), "Alternative Notions of Congestion in DEA", *European Journal of Operational Research* 133, 69-74.
75. L. Cherchye, T. Kuosmanen and T. Post (2001), "FDH Directional Distance Functions: With an Application to European Commercial Banks", *Journal of Productivity Analysis* 15, 201-215.
76. L. Cherchye (2001), "Using Data Envelopment Analysis to Assess Macroeconomic Policy Performance", *Applied Economics* 33, 407-416.
77. L. Cherchye and T. Van Puyenbroeck (2001), "Product Mixes as Objects of Choice in Nonparametric Efficiency Measurement", *European Journal of Operational Research* 132, 45-53.
78. L. Cherchye, T. Kuosmanen and T. Post (2000), "What is the Economic Meaning of FDH?", *Journal of Productivity Analysis* 13, 263-267.
79. L. Cherchye, T. Van Puyenbroeck (1999), "Learning from Input-Output Mixes in DEA: A Proportional Measure for Slack-Based Efficient Projections", *Managerial and Decision Economics* 20, 151-161.

#### *Other scientific journals*

1. L. Cherchye, T. Kuosmanen and H. Leleu (2010), "Technical and economic efficiency measures under short run profit maximizing behavior", *Louvain Economic Review (Recherches Economiques de Louvain)* 76 (2), 163-173.
2. J. Clochet, Cosaert, S., Cherchye, L., De Rock, B. (2010). "Store environment and advertising: investigating two manipulative forces from the supermarket", *Review of Business and Economics* 55, 90-106.
3. L. Cherchye and T. Van Puyenbroeck, Eds., (2006), "Advancing "Public Sector Performance. Introducing the special issue in honour of Professor Dr. Wim Moesen", *Review of Economics and Business (Tijdschrift voor Economie en Management)* 51 (3).
4. L. Cherchye, B. De Borger and T. Van Puyenbroeck (2006), "Nonparametric tests of Optimizing Behavior in Public Service Provision: Methodology and an Application to Local Public Safety", *Review of Economics and Business (Tijdschrift voor Economie en Management)* 51, 282-309.
5. L. Cherchye and W. Moesen (2004), "Trust in the Public Sector and Macroeconomic Outcomes", *Empirical Economics Letters* 3 (4), 169-179.
6. L. Cherchye and A. Watteyne (2003), "Attacking Poverty: Is it Globalization? ... Or is it the Institutions?", *Review of Business and Economics (Tijdschrift voor Economie en Management)* 48 (4), 573-602.
7. L. Cherchye, W. Moesen and Tom Van Puyenbroeck (2003), "Oorbaar optellen", *Economische Statistische Berichten* 4413, 415-417.
8. L. Cherchye and W. Moesen (1997), "De Macro-economische Performantie van Landen: Meningen en Metingen", *Trends Review* 1.

#### *Books*

1. Capéau, B., L. Cherchye, K. Decancq, A. Decoster, B. De Rock, F. Maniquet, A. Nys, G. Périlleux, E. Ramaekers, Z. Rongé, E. Schokkaert and F. Vermeulen (2019), "Well-being in Belgium. Beyond happiness and income ", Springer.
2. Capéau, B., L. Cherchye, K. Decancq, A. Decoster, B. De Rock, F. Maniquet, A. Nys, G. Périlleux, E. Ramaekers, Z. Rongé, E. Schokkaert and F. Vermeulen (2019), "En faut-il peu pour être heureux? Conditions de vie, bonheur et bien-être en Belgique", Anthemis, Limal, Belgium.
3. Capéau, B., L. Cherchye, K. Decancq, A. Decoster, B. De Rock, F. Maniquet, A. Nys, G. Périlleux, E. Ramaekers, Z. Rongé, E. Schokkaert and F. Vermeulen (2018), "Wat heet dan gelukkig zijn? Geluk, welvaart en welzijn van de Belgen", *Garant*, Antwerp, Belgium.
4. Cherchye, L., B. De Rock and F. Vermeulen (2011), "Collective Household Consumption Behavior: Revealed Preference Analysis", *Foundations and Trends® in Econometrics*: Vol. 4: No 4, pp 225-312.
5. Cherchye, L. (2010), "Hoe samen beslissen? Collectieve rationaliteit in termen van gereveleerde voorkeuren", Inaugural Lecture, Tilburg University.

6. Cherchye, L. (2001), "Topics in nonparametric efficiency and production analysis", Doctoral Dissertation, KU Leuven.

#### *Book Chapters*

1. Staessens, M., P.J. Kerstens, J. Bruneel and L. Cherchye (2018), "A performance tool for policy makers to monitor the dual objective of social enterprises: a data envelopment analysis approach", in A. Lindgreen, C. Vallaster, S. Yousofzai and B. Hirsch (eds.), *Measuring and controlling sustainability: spanning theory and practice*, London: Routledge.
2. Cherchye, L., B. De Rock, A. Estache and M. Verschelde (2018), "Efficiency measures in regulated industries: History, outstanding challenges and emerging solutions", in E. Grifell-Tatje, C. A. K. Lovell and R. C. Sickles (eds.), *The Oxford Handbook of Productivity Analysis*, Oxford University Press.
3. Cherchye, L., B. De Rock and B. Walheer (2014), "Reducing Energy Use Without Affecting Economic Objectives: A Sectoral Analysis" in A. Estache (ed.), *The Next Generation of Economic Issues in Energy Policy in Europe*, CEPR Press, UK.
4. L. Cherchye, B. De Rock and F. Vermeulen (2012), "Revealed preference tests for collective behavior", in J.A. Molina (editor), *Household Economic Behaviors*, Springer Verlag, Berlin, Germany.
5. L. Cherchye, I. Crawford, B. De Rock and F. Vermeulen (2009), "The revealed preference approach to demand" Chapter 9 in Daniel Slottje (ed.), "Quantifying Consumer Preferences: Estimating Demand Systems", Contributions to Economic Analysis, Emerald Press.
6. L. Cherchye and T. Kuosmanen (2006), "Benchmarking Sustainable Development: A Synthetic Meta-Index Approach", in M. McGillivray and M. Clarke (eds.), *Understanding Human Well-Being*, United Nations University Press.
7. L. Cherchye, W. Moesen and T. Van Puyenbroeck (2004), "Social Inclusion in the EU: Towards a Synthetic Indicator with Endogenous Weights" in B. Cantillon and J. Vandamme (ed.), *The Open Method of Coordination and Minimum Income Protection in Europe*, Liber Memorialis Herman Deleeck, Acco, Leuven-Leusden.
8. L. Cherchye and W. Moesen (2000), "Fatsoenlijkheid is mooi. De relatie tussen micro-maatschappelijke waarden en de macro-economische prestatie van landen" in T. Vandeveld (ed.), *Vertrouwen en Bedrijf*, Acco, Leuven/Amersfoort, 57-84.
9. L. Cherchye and T. Van Puyenbroeck (1999), "Non-Radial Efficiency as Semi-Radial Efficiency" in G. Westermann (ed.), *Data Envelopment Analysis in the Service Sector*, Gabler, Wiesbaden, 51-64.

#### **Research projects - fellowships**

- Postdoctoral fellow of the Fund for Scientific Research-Flanders (FWO-Vlaanderen), 2002-2005 and 2005-2008.
- Promotor of Research Grant of Research Fund KU Leuven "Nonparametric analysis of collective consumption and production behaviour: methodological advances and applications", 2008-2014.(358000€)
- Promotor of FWO project (with S. Bruyneel, S. Dewitte and B. De Rock) "Experimental analysis of collective consumption decisions"; Fund for Scientific Research-Flanders (FWO-Vlaanderen); 2009-2014. (266000€)
- Co-promotor of FWO project (with A. Gaeremynck) "The impact of institutions on firm's accounting quality and cost of capital"; Fund for Scientific Research-Flanders (FWO-Vlaanderen); 2007-2010. (259000€)
- Promotor of FWO doctoral grant (doctoral student: Jeroen Sabbe) "Nonparametric analysis of consumption and production behavior; the collective approach"; Fund for Scientific Research-Flanders (FWO-Vlaanderen); 2006-2008 and 2008-2010.
- Co-promotor of the KU Leuven-partner (with W. Moesen and T. Van Puyenbroeck) of the KEI-project ("Knowledge Economy Indicators: Development of Innovative and Reliable Indicator Systems"); a "specially targeted research project" of the 6<sup>th</sup> Framework Program ("Research,

- Technological Development and Demonstration”) of the European Union; project coordinator: Ralf Münnich, University of Tübingen, Germany; 2004-2007. (150000€)
- Promotor of FWO doctoral grant (doctoral student: Ewout Verriest) “Dynamic Consumer behavior: collective rationalisation in a non-parametric approach”; Fund for Scientific Research-Flanders (FWO-Vlaanderen); 2009-2011 and 2011-2013.
  - Co-promotor of FWO project (with F. Spijksma and B. De Rock) “Methods and models for testing the rationality of revealed preferences”; Fund for Scientific Research-Flanders (FWO-Vlaanderen); 2010-2015. (269000€)
  - Promotor of FWO project (with T. Demuyne and B. De Rock) “Revealed preference analysis to model household consumption”; Fund for Scientific Research-Flanders (FWO-Vlaanderen); 2011-2016. (271000€)
  - Co-promotor of project funded by Dutch Science Foundation (NWO Top grant) (with A. Van Soest, M. Das and F. Vermeulen) “Modeling preferences and decisions of individuals and households”, 2012-2017. (747000€)
  - Promotor of FWO project (with B. De Rock) “Multi-output efficiency analysis with joint inputs”; Fund for Scientific Research-Flanders (FWO-Vlaanderen); 2013-2018. (280000€)
  - Principal Investigator (PI) of ERC Consolidator Grant, “Structural Household Analysis using Revealed Preferences” (SHARP), European Research Council (ERC), 2014-2019. (851000€)
  - Promotor of Research Grant of Research Fund KULeuven “Empirical analysis of household consumption and marriage decisions: a structural approach based on revealed preferences”; 2016-2020. (512900€)
  - Co-promotor of FWO project (with B. De Rock and F. Vermeulen) “On marriage markets and the choice behavior of households”; Fund for Scientific Research-Flanders (FWO-Vlaanderen); 2017-2022. (215000€)
  - Co-Supervisor of EOS (Excellence of Science) project by FNRS and FWO (with B. Cantillon (Universiteit Antwerpen), B. De Rock (Université Libre de Bruxelles), K. Decancq (Universiteit Antwerpen), T. Demuyne (Université Libre de Bruxelles), J. Johnen (Université Catholique de Louvain), I. Kesternich (KU Leuven), F. Maniquet (Université Catholique de Louvain), E. Schokkaert (KU Leuven) and F. Vermeulen (KU Leuven)) “Individual Welfare Analysis based on Behavioural Economics”; 2018-2021. (2759000€)
  - Co-promotor of FWO project (with B. De Rock and L. Merlino) “Search behavior in the marriage market, household formation and economic decisions: a revealed preference analysis”; Fund for Scientific Research-Flanders (FWO-Vlaanderen); 2019-2024. (269000€)
  - Co-investigator of BELSPO project BE-PARADIS (“The paradox of Belgian inequality studies: Belgium less unequal than others?”); research consortium of scholars from the University of Leuven, the University of Antwerp and the ULB (see [www.beparadis.be](http://www.beparadis.be)).
  - Promotor of Research Grant of Research Fund KULeuven “Marriage markets, household consumption and individual welfare”; 2021-2025. (58400€)

### **Awards – recognition**

- Winner (together with T. Kuosmanen and T. Sipilainen) EURO Management Science Strategic Innovation Prize 2004 (MSSIP 2004); by “The European Association of Operational Research Societies” (EURO); for the paper “The Law of One Price in Data Envelopment Analysis: Restricting Weight Flexibility Across Firms in DEA”.
- Winner (together with B. De Rock and F. Vermeulen) of the 2008 prize of the Association of Economics (Vereniging voor Economie), awarded every two year to Flemish authors under the age of 35; for the paper “The revealed preference approach to collective consumption behavior: testing, recovery and welfare analysis”.
- Our paper “Degrees of cooperation in household consumption models: A revealed preference analysis” (with co-authors T. Demuyne and B. De Rock) was selected as the best paper, written by economists under the age of 35, presented at the conference “International Conference in memoriam of Maria Concetta Chiurion Household, Labour and Migration Economics” (Bari, 2010).
- I was awarded an ERC Consolidator Grant (2014) for my project “Structural Household Analysis using Revealed Preferences” (SHARP).



- Winner of the “Prijs van de Vlaamse Wetenschappelijke Stichting” (“Prize of the Flemish Scientific Foundation”, 2014, awarded by the KVAB, the Royal Flemish Academy of Belgium for Science and the Arts), based on my research with Bram De Rock and Frederic Vermeulen.
- Winner of the “Pioniersprijs” (“Pioneer Prize”) of the Humanities group of the KULeuven (2015), together with Bram De Rock and Frederic Vermeulen.
- Winner of the “Francqui Prize” of the Francqui Foundation (2019), together with Bram De Rock and Frederic Vermeulen. See <http://www.francquifoundation.be/rapport-cherchye-de-rock-vermeulen-2/>.
- Elected as member (in 2020, ad vitam) of the Royal Flemish Academy of Belgium for Science and the Arts (Class of Humanities), founded in 1772 as Royal Scientific Society.

#### **Thesis supervision:**

- *Completed:* Bram De Rock (main advisor; PhD in December 2007); Kristof De Witte (main advisor; PhD in March 2009); Arnt Verriest (co-advisor; main advisor: Ann Gaeremynck; PhD in June 2009); Jeroen Sabbe (main advisor; PhD in December 2010); Nicky Rogge (main advisor; PhD in June 2011); Bart Smeulders (co-advisor; main advisor: Frits Spieksma; PhD in March 2015); Sam Cosaert (main advisor; PhD in June 2015); Veerle Hennebel (main advisor; PhD in June 2016); Barnabé Walheer (co-advisor; main advisor: Bram De Rock; PhD in November 2016) Pieter-Jan Kerstens (main advisor; PhD in September 2017), Matthias Staessens (co-advisor, PhD in May 2019), Khushboo Surana (main advisor; PhD in September 2020).
- *In progress:* Dieter Saelens, Wietse Leleu, Valeria Cordova Silveria, Ruben Bostyn, Gaston Patricio Fernandez Barros.

#### **Membership of Editorial Boards - scientific advice**

- Associate Editor of *Economic Journal*, 2017-
- Associate Editor of *Journal of Productivity Analysis*, 2008-
- Guest Editor, *Review of Business and Economics*, Issue 51(3).
- Member of the Program Committee for the *Econometric Society European Meeting (ESEM)* in 2013 (Gothenburg) and 2014 (Toulouse).
- Member of the Scientific Committee of the workshop on *Firm Heterogeneity in Technological Change* (Ghent, 2019).
- Referee for *American Economic Review*, *Econometrica*, *Journal of Political Economy*, *Review of Economic Studies*, *Journal of the European Economic Association*, *Journal of Economic Theory*, *Review of Economics and Statistics*, *International Economic Review*, *Economic Theory*, *Economic Journal*, *Quantitative Economics*, *Theoretical Economics*, *Journal of Econometrics*, *Journal of Business and Economics Statistics*, *Journal of Human Resources*, *Economics Letters*, *Management Science*, *Operations Research*, *American Journal of Agricultural Economics*, *Economica*, *Oxford Economic Papers*, *Journal of Public Economic Theory*, *Journal of Labor Economics*, *Economics and Philosophy*, *Journal of Mathematical Economics*, *European Journal of Operational Research*, *Journal of Population Economics*, *Journal of the Operational Research Society*, *Journal of Economics*, *Southern Economic Journal*, *Journal of Productivity Analysis*, *Omega—International Journal of Management Science*, *International Journal of Production Economics*, *Research Policy*, *Computers & Industrial Engineering*, *Journal of Sports Economics*, *Ecological Economics*, *Energy Economics*, *Applied Mathematical Letters*, among many other journals.
- Other refereeing: *Oxford University Press* (book project), *Cambridge University Press* (book project), *Princeton University Press* (Book), *Nature (Communications)*, *National Science foundation (NSF – US)*, *Social Sciences and Humanities Research Council of Canada (SSHRC)*, *Fund for Scientific Research - Flanders (FWO)*, *European Science Foundation (ESF)*, *Agence Nationale de la Recherche (ANR – France)*, *Netherlands Organisation for Scientific Research (NWO)*.

#### **Presentations/seminars**



- Seminars and specialized workshop presentations at Institute for Fiscal Studies (London), Brown University, Tinbergen Institute (Amsterdam), Helsinki, University of Dortmund, CentER (Tilburg), Université de Lille, Cergy-Pontoise (Paris), Université Libre de Bruxelles (ECARES), University of Antwerp, Uppsala University, Ghent university, Grenoble University, Oxford, Toulouse, Barcelona (JOCS seminar), Porto, CORE (Louvain-la-Neuve), Université de Luxembourg, Rice (Houston), Boston College, University of Toronto, LISER, ...
- Presentations at many international conferences, including Econometric Society, European Economic Association, American Economic Association, ...

**Other:**

- Workshop organization:
  - 1999; Meeting of EURO Working Group DEAPM, University of Copenhagen (coordinator: Tarja Joro, University of Alberta, Canada).
  - 2006; KEI workshop on Composite Indicator Construction, KU Leuven (co-organizers: Wim Moesen en Tom Van Puyenbroeck).
  - 2007; NBB-CES Workshop on Advances in Consumption Demand Modelling (speakers: Martin Browning and Ian Crawford), KULeuven (co-organizers: B. De Rock and J. Sabbe).
  - 2010; CES Workshop on Modelling Household Consumption Behavior (speakers: Richard Blundell and Olivier Donni), KULeuven (co-organizers: B. De Rock and J. Sabbe).
  - 2015; CES Workshop on Behavioral Revealed Preferences (speakers: Ian Crawford and Mark Dean), KULeuven (co-organizers: S. Cosaert and T. Demuynck).
  - 2017; Annual Christmas Meeting of Belgian Economists, KU Leuven (co-organizers: Bram De Rock, Johannes Spinnewijn, Gonzague Vannoorenberghe and Frederic Vermeulen).
  - 2018; [HCEO Workshop on Family Inequality](#), KULeuven (in collaboration with HCEO and Columbia University) (co-organizers: Pierre-André Chiappori, Flavio Cunha, Bram De Rock, Nezih Guner and Frederic Vermeulen).
  - 2019; Measuring Individual Well-being, Brussels (co-organizers: Bram De Rock, Koen Decancq, François Maniquet, Paola Manzini, Marco Mariotti, Erik Schokkaert).
  - 2022; Francqui Workshop; Brussels (co-organizers: Bram De Rock and Frederic Vermeulen).
  - 2022; Labor/Family Workshop of Leuven Summer Event (co-organizers: Edoardo Ciscato, Mariana Zerpa and Frederic Vermeulen)
- Coordinator of the inter-university research group GARP (Group for the Advancement of Revealed Preferences). Website: [www.revealedpreferences.org](http://www.revealedpreferences.org).
- In collaboration with the child benefit fund My Family, Bram de Rock, Frederic Vermeulen and I developed the tool *Kindkompas*, which allows Flemish families to compute their cost of children. See <https://www.myfamily.be/kindkompas/>. This received quite some attention in the Belgian newspapers (De Morgen, De Standaard, De Tijd, Het Nieuwsblad, Het Laatste Nieuws, Metro, Le Soir, . . . ) and on national television (VTM).
- Campus dean of Faculty of Economics and Business KU Leuven, Campus Kortrijk, 2014-2022.