Curriculum vitae

PERSONAL INFORMATION

Family name, First name: Kleibergen, Frank

Researcher unique identifier(s) orcid.org/0000-0003-0137-8411

Date of birth: 12 September 1967

Nationality: Netherlands

Homepage: https://www.uva.nl/en/profile/k/l/f.r.kleibergen/f.r.kleibergen.html

EDUCATION

1994	PhD Tinbergen and Econometric Institute, Erasmus University Rotterdam, The Netherlands
1990	Master Econometrics, Erasmus University Rotterdam, The Netherlands

CURRENT POSITION

2015 - present Professor of Econometrics
Amsterdam School of Economics, University of Amsterdam, The Netherlands

PREVIOUS POSITIONS

2015 – 2015	Director of Research, Amsterdam School of Economics
2003 – 2015	Professor of Economics Department of Economics, Brown University, United States of America
2002 – 2003	Associate professor of Econometrics Amsterdam School of Economics, University of Amsterdam, The Netherlands
1999 – 2002	Postdoctoral fellow Amsterdam School of Economics, University of Amsterdam, The Netherlands
1996 – 1999	Postdoctoral fellow Econometric Institute, Erasmus University Rotterdam, The Netherlands
1995 – 1996	Assistant professor Department of Econometrics, Tilburg University, The Netherlands
1994 – 1995	Assistant professor Department of Finance, Erasmus University Rotterdam, The Netherlands

SERVICE TO THE PROFESSION

2021-	Associate editor, Journal of Applied Econometrics
2019-	Associate editor, Journal of Financial Econometrics
2021-	Director EC-squared conferences
2012-2015	Associate editor, Journal of Econometrics

FELLOWSHIPS AND AWARDS

2025	Fellow of the Econometric Society
2025	Multi Scripsit Award, Econometric Theory
2023	Fellow of the International Association for Applied Econometrics (IAAE)
2015	Fellow of the Society for Financial Econometrics (Sofie)

2007 Fellow of the Journal of Econometrics
2003 Tinbergen Prize for most scientifically successful alumnus of the Tinbergen Institute
2002 – 2007 *NWO (Netherlands Organisation for Scientific Research)* € 680,670 "Vernieuwingimpuls grant" for "Empirical Comparison of Economic models"
1995 – 1997 *NWO (Netherlands Organisation for Scientific Research)* € 90,756 "Personal postdoc grant"
2021 - 2026 NWO research grant "Double robust inference in structural econometric models (DRISEM)"

SCIENTIFIC PUBLICATIONS

1. Risk premia from the cross-section of individual assets. 2025, *Journal of Econometrics*. (with Z. Zhan)
2. Double robust inference for continuous updating GMM. 2025, *Quantitative Economics*, *16*(1), 295. (with Z. Zhan)
3. Identification robust inference for the risk premium in term structure models. 2024 *Journal of Econometrics*, *248*, (with L. Kong).
4. A powerful subvector Anderson-Rubin test in linear instrumental variables regression with conditional heteroskedastictiy. 2024, *Econometric Theory*, *40*(5), 957-1002. (with P. Guggenberger and S. Mavroeidis)
5. A Test for Kronecker Product Structure Covariance Matrix. 2023, *Journal of Econometrics*, *223*(1), 88-112. (with P. Guggenberger and S. Mavroeidis)
6. Identification Robust Testing of Risk Premia in Finite Samples. 2023, *Journal of Financial Econometrics*, *21*(2), 263–297. (Hall White Memorial Invited lecture at the Society for Financial Econometrics World Meeting, Shanghai, 2019, with comments and rejoinder). (with L. Kong and Z. Zhan).
7. Identification robust inference for moments-based analysis of linear dynamic panel data models. 2022, *Econometric Theory*, *38*(4), 689-751. (with M. Bun).
8. Efficient size correct subset inference in homoskedastic linear instrumental variables regression, 2021, *Journal of Econometrics*, 221, 78-96,
9. Robust Inference for Consumption-Based Asset Pricing, 2020, *Journal of Finance,* 75, 507-550 (with Z. Zhan).
10. Inference in Second-Order Identified Models, 2020, *Journal of Econometrics,* forthcoming, https://doi.org/10.1016/j.jeconom.2020.04.020 (with P. Dovonon and A. Hall).
11. A more powerful subvector Anderson Rubin test in linear instrumental variables regression, 2019, *Quantitative Economics,* **10**, 487-526 (with P. Guggenberger and S. Mavroeidis).
12. Identification-robust inference on risk premia of mimicking portfolios of non-traded factors, 2018, *Journal of Financial Econometrics*, **16**, 155—190 (with Z. Zhan)
13. Unexplained factors and their effects on second pass R-squared's, 2015, *Journal of Econometrics*, 189, 101-116 (with Z. Zhan)
14. Identification issues in limited-information Bayesian analysis of structural macroeconomic models, 2014, *Journal of Applied Econometrics,* 29, 1183-1209. (with S. Mavroeidis)
15. On the asymptotic sizes of subset Anderson-Rubin and Lagrange Multipliers tests in linear instrumental variables regression, 2012, *Econometrica,* 80, 2649-2666 (with P. Guggenberger, S. Mavroeidis and L. Chen).
16. Weak Instrument Robust Tests in GMM and the New Keynesian Phillips Curve, 2009, *Journal of Business and Economic Statistics*, (Invited Paper), 27, 293-311 (with S. Mavroeidis). (with comments and rejoinder)

17. Tests of Risk Premia in Linear Factor Models, 2009, *Journal of Econometrics*, 149, 149-173.
18. Natural Conjugate Priors for the Instrumental Variables Regression Model applied to the Angrist-Krueger data, 2007, *Journal of Econometrics*, 138, 63-103.(with L. Hoogerheide and H.K. van Dijk).
19. Generalizing weak instrument robust IV statistics towards multiple parameters, unrestricted covariance matrices and identification, 2007, *Journal of Econometrics*, 139, 181-216.
20. Generalized Reduced Rank Tests using the Singular Value Decomposition, 2006, *Journal of Econometrics,* 133, 97-126 (with R. Paap).
21. Testing, 2005, Forthcoming in the *New Palgrave Dictionary of Economics*.
22. Testing Parameters in GMM without assuming that they are identified, 2005, *Econometrica,* 73, 1103-1124
23. Testing Subsets of Structural Parameters in the IV Regression Model, 2004, *Review of Economics and Statistics*, 86, 418-423
24. Invariant Bayesian Inference in Regression Models that is robust against the Jeffreys-Lindleys Paradox, 2004, *Journal of Econometrics,* 163, 227-258
25. Finite Sample Instrumental Variables Inference using an Asymptotically Pivotal Statistic, 2003, *Econometric Theory,* 19, 744-753 (with P. Bekker)
26. Likelihood Based Cointegration Analysis in Panels of Vector Error Correction Models, 2003, *Journal of Business and Economic Statistics*, 21, 295-318 (with J. Groen)
27. Bayesian and Classical Approaches to Instrumental Variable Regression, 2003, *Journal of Econometrics*, 114, 29-72 (with E. Zivot)
28. Pivotal Statistics for testing Structural Parameters in Instrumental Variables Regression, 2002, *Econometrica,* 70, 1781-1804
29. Priors, Posterior Odds and Bayes Factors in Bayesian Analyses of Cointegration, 2002, *Journal of Econometrics*, 111, 223-249 (with R. Paap)
30. The Joint Estimation of Term Structures and Credit Spreads, 2001, *Journal of Empirical Finance,* 8, 297-323 (with P. Houweling and J. Hoek)
31. Oil Price Shocks and long Run Price and Import Demand Behavior, 1999, *Annals of the Institute of Statistical Mathematics,* 51, 399-417 (with J.P. Urbain and H.K. van Dijk)
32. Bayesian Simultaneous Equation Analysis using Reduced Rank Structures, 1998, *Econometric Theory,* 14, 699-744 (with H.K. van Dijk)
33. Reduced Rank Regression using GMM, 1998, in L. Matyas, editor, *Generalised Method of Moments Estimation,* Cambridge University Press
34. Bayesian Simultaneous Equations Analysis using Equality Restricted Random Variables, *1997 Proceedings of the Section on Bayesian Statistical Science, 141-147, American Statistical Association, 1998*
35. Unit Roots in the Nelson-Plosser data : Do they matter for forecasting?, 1996, *International Journal of Forecasting,* 12, 283-288 (with P.H. Franses)
36. Nonstationarity in GARCH models : A Bayesian analysis, 1995, in: H.K. van Dijk, A. Montfort and B.W. Brown, eds., *Econometric Inference using Simulation Techniques*, Wiley (with H.K. van Dijk)
37. Identifiability and Nonstationarity in Classical and Bayesian Econometrics, 1994, *Tinbergen Institute Research Series,* 77, Thesis Publishers, Amsterdam)
38. Direct Cointegration Testing in Error Correction Models, 1994, *Journal of Econometrics,* 63, 61-103 (with H.K. van Dijk)
39. On the Shape of the Likelihood/Posterior in Cointegration models, 1994, *Econometric Theory,* 10, 514-551 (with H.K. van Dijk)

40. Nonstationarity in GARCH models : A Bayesian analysis, 1993, *Journal of Applied Econometrics,* 8, s41-s61 (with H.K. van Dijk)
41. Efficient Computer Generation of Matric-Variate *t* Drawings with an Application to Bayesian Estimation of Simple Market Models, 1993, in: W. Hardle and L. Simar, eds. *Computer Intensive Methods in Statistics,* Statistics and Computing Book series, Springer Verlag

WORKING PAPERS

1. Misspecification and Weak Identification in Asset Pricing (with Z. Zhan)
2. Risk Premia from the cross-section of individual assets (with Z, Zhan)
3. Testing for identification in potentially misspecified linear GMM (with Zhaoguo Zhan)
4. Testing for identification of risk premia in the cross-section of individual assets (with H. Guo)
5. Misspecification and Weak Identification in Forward-Looking Macroeconomic Models (with H. Guo and S. Mavroeidis)

SUPERVISION OF GRADUATE STUDENTS

University of Amsterdam: main supervisor of five PhD students (+intial placement)

2024 Timo Schenk (Erasmus University Rotterdam)
2024 Gabriella Szini (Tilburg University)
2023 Eva Janssens (Fed Board, University of Michigan)
2020 Sanna Stephan, University of Cambridge, United Kingdom (postdoc)
2020 Lingwei Kong, University of Groningen, Netherlands

Brown University: main supervisor of eight PhD students (+ initial placement):

2015 Philipp Ketz, Paris School of Economics, Paris, France
2011 Zhaoguo Zhan, Tsinghua University, Beijng, China
2010 Yuya Sasaki, Johns Hopkins University, Baltimore, United States of America
2009 Toru Kitagawa, University College London, London, United Kingdom
2007 Leandro Magnusson, Tulane University, New Orleans, United States of America
2006 Nadya Barishnikova, University of Adelaide, Adelaide, Australia
2006 Sung Jae Jun, Penn State University, State College, United States of America
2006 Martijn van Hasselt, University of Western-Ontario, London, Canada

TEACHING ACTIVITIES

2015 – 2025 Different courses in graduate econometrics sequences, Amsterdam School of Economics and Tinbergen Institute – University of Amsterdam, The Netherlands
2014 Graduate lecture series on weak identification, Arhus University, Denmark
2014 Graduate lecture series on weak identification, University of Leuven, Belgium
2003 – 2015 Undergraduate and graduate econometrics, Brown University, United States of America
1999 – 2003 Undergraduate and graduate econometrics, University of Amsterdam
1996 – 1999 Undergraduate and graduate econometrics, Erasmus University Rotterdam
1995 – 1996 Undergraduate and graduate econometrics, Tilburg University
1994 – 1995 Undergraduate finance, Erasmus University Rotterdam

ORGANISATION OF SCIENTIFIC MEETINGS

2020 Program chair, 30-th EC^2 conference, Oxford University
2017 Organiser of the 12-th Tinbergen Institute Conference, Inference Issues in Econometrics
2015 – 2020 Tinbergen Institute, Econometrics seminar organiser
2003 – 2020 Program committee member of many econometrics conferences such as, for example: World, North-American and European Econometric Society Meetings, Society of Financial Econometrics World Meetings, International Association of Applied Econometrics Annual conferences and European Conference of the Econometrics Community (EC^2) meetings.
2003 – 2015 Econometrics workshop organiser, Department of Economics, Brown University
2009 Greater New York Metropolitan Area Econometrics Colloquium, Brown University
2007 Conference in honor of Tony Lancaster, Brown University

INSTITUTIONAL RESPONSIBILITIES

2016 – 2023 Management team, Amsterdam School of Economics, University of Amsterdam
2016 – 2023 Director of Research, Amsterdam School of Economics, University of Amsterdam
2016 – 2021 University wide research committee, University of Amsterdam
2016- present Junior recruiting committee, Amsterdam School of Economics, University of Amsterdam
2006 – 2013 Management team, Department of Economics, Brown University
2003 – 2013 Junior and senior recruiting committees, Department of Economics, Brown University
2006 – 2013 Chair of graduate admissions, Department of Economics, Brown University

REVIEWING ACTIVITIES

2020 Department of Economics, Tilburg University, Scientific review committee
2018–present Associate editor *Journal of Econometrics* and *Journal of Financial Econometrics*
2006 – present Tenure review and reference letter for associate and full professor provider for many economics departments, such as Princeton, MIT, Harvard, UCSD, Duke, Georgetown, UPenn, Ohio State, Cornell, BU, Penn State, Boston College, LSE, Oxford, Cambridge, Columbia, NYU, Chicago, Sciences Po, SMU, UCLA, Vanderbilt, Leverhulme Trust.
2015 Member Tinbergen Prize committee, Tinbergen Institute
2006 – 2013 Associate Editor, *Economics Letters*
2000 – present Referee for many economic journals: Econometrica, Review of Economic Studies, American Economic Review, Journal of Finance, Review of Financial Studies, Journal of Financial Economics, Econometric Theory, Journal of Applied Econometrics, JBES.

MEMBERSHIPS OF SCIENTIFIC SOCIETIES

Econometric Society, Society for Financial Econometrics (Sofie), International Association for Applied Econometrics (IAAE)

PRESENTATIONS AT INTERNATIONALLY ESTABLISHED CONFERENCES AND INTERNATIONAL ADVANCED SCHOOLS

i. INVITED SPEAKER AT INTERNATIONAL CONFERENCES

2019 Hall White Memorial invited lecture, Sofie World Meeting, Fudan University, Shanghai

2018 Conference on weak identification, UCL London; Econometrics Conference on Identification at Vanderbilt University, Nashville;

2016 Conference in honor of Jean-Marie Dufour, Cireq, Montreal; Conference on identification issues in Econometrics, Oxford, UK, NBER Summer Institute Cambridge, Boston

2015 UK econometric study group meeting, Bristol University

2014 Tsinghua International Conference in Econometrics, Tsinghua University, Beijing

2013 Cowles Econometrics Summer Conference, Yale University; CIREQ Econometrics, Montreal

2012 NBER Forecasting and Empirical Methods in Macroeconomics Workshop, Cambridge, USA

2011 Fifth CIREQ time series meeting, Montreal

ii. RESEARCH SEMINARS AT INTERNATIONAL ADVANCED SCHOOLS

2019 National University Singapore, Singapore Management University

2018 Kennesaw State University, University of Nottingham,

2017 Crest, Paris; University of Bern; Oxford University, UPenn, University of Chicago, Brown University, Carlos III, ULB Brussels

2016 Pompeu Fabra, University of Manchester, University of Lisbon.

2015 University College London, London School of Economics

2014 University of Warwick, European University Institute, University of Leuven, Erasmus University Rotterdam, University of Cambridge, Tilburg University, University of Geneva, Arhus University

2013 Concordia University, Tinbergen Institute, University of Groningen, Bristol University, CEMFI, University College London, Pompeu Fabra

2012 Tilburg University, Columbia University, University of California San Diego, Federal Reserve New York

2011 University of Maastricht, Oxford University, University College London

2010 Tilburg University, Erasmus University Rotterdam, University of Montreal

2009 Harvard-MIT, University of Maryland, Georgetown University, Research Triangle (Duke-UNC-NC State joint seminar), Northwestern University

iii. PRESENTATIONS AT INTERNATIONALLY ESTABLISHED CONFERENCES

2019 Far Eastern Meeting Econometric Society, Xiamen University; 25-th International panel data conference, Vilnius

2018 North-American Weeter Meeting of the Econometric Society, Philadelphia; European Meeting of the Econometric Society, Cologne; IAAE Annual Conference, Université de Québec à Montréal; French Econometric Study Group Meeting, Paris School of Economics; RMSE Workshop;

2017 Society for Financial Econometrics World Meeting, NYU, New York; Econometrics Conference Oxford University

2016 Information-Theoretic Methods of Inference conference, Cambridge, UK, Conference in honor of Jean-Marie Dufour, University of Montreal, Montreal, Canada; Netherlands Econometric Study Group Meeting;

2015 Society for Financial Econometrics World Meeting, Arhus; Econometric Society World Meeting, Montreal; CFE-CM Statistics Meeting, London

2014 Greater New York Metropolitan Area Econometrics Conference, Princeton University.

2013 Society for Financial Econometrics (Sofie) Conference, Lugano; EC^2 meeting, Maastricht.

2011 Greater New York Metropolitan Area Econometrics Conference, University of Pennsylvania; Econometric Society European Meeting, Oslo.

2009 European and North-American Summer Meetings of the Econometric Society, Barcelona and Boston