

CURRICULUM VITAE

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Frédérique FEVE

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Current position TSE Research Engineer

PhD in Health Economics (Immunogenetics, Epidemiology & Public Health):
«Economics and Statistics of Hematopoietic Stem Cell Donation: Contributions to the Optimization of Voluntary Donors Registries », University Toulouse III.

Research Fields

Applied Econometrics
Health Economics
Postal Economics

PUBLICATIONS

Articles published or forthcoming

1. "Nonparametric Instrumental variables Estimation for Efficiency Frontier", *Journal of Econometrics*, 2016, 190, 345-355, (with C. Cazals, J.P. Florens, L. Simar).
2. "Additive Nonparametric Instrumental Regressions: A guide to Implementation", *Journal of Econometric Methods*, 2015, DOI 10.1515/jem-2015-0010 (with S. Centorrino and J.P. Florens)

3. "How many different HLA genotypes exist in a population", (with Jean-Pierre Florens), forthcoming 2015, *Journal of Data Sciences*.
4. "Nonparametric Analysis of Panel Data Models with Endogenous Variables" (with J.P. Florens), *Journal of Econometrics*, 2014, 181(2) 151-164.
5. "Iterative Algorithm for Nonparametric Estimation in Instrumental Variables Quantiles", *Economics Letters*, 2014, 123(3) 300-304.
6. « The Practise of Non Parametric Estimation by Solving Inverse Problems: The example of transformation models», (with J.P. Florens), *The Econometrics Journal*, 2010, volume 13 number 3, 1-27.
7. « Une modélisation probabiliste des registres de donneurs de moelle osseuse et des banques de sang de cordon », (with J.P. Florens), *Revue Economique*, 2010/3(vol 61), 613-622.
8. « Evaluation Economique de l'Organisation d'un Registre de donneurs de Cellules Souches Hématopoïétiques », (with A. Cambon-Thomsen, J.F.Eliaou, P.A.Gourraud, C.Raffoux et J.P.Florens), *Revue d'Epidémiologie et de Santé Publique*, 2007, 55, 275-284.
9. « Model of Donors Registries Optimal HLA Composition », (with A.Cambon-Thomsen, P.A.Gourraud and J.P.Florens), *Genes and Immunity*, 2004, 5(1), SP2-98.
10. « Simple Structural Econometrics of Price Elasticities » (with C. Cazals, P. Fève and J.P Florens, *Economics Letters*, 2004, 86-1-6.

Articles published in a book

- 1.« Uncertainty and Projections of the Demand for Mail » (with J.P.Florens, S. Soteri, F. Rodriguez and L. Veruete-McKay) , in *Multi-Modal Competition and the Future of Mail*, M.A. Crew and P.R. Kleindorfer (eds.), Edward Elgar, Northampton, USA, 2012, 77-93.
- 2.« Econometric Models and the Evolution of Post-Offices Network » (with F. Boldron, JP. Florens, C. Panet-Amaro et C. Valognes), in *Reinventing the Postal Sector in an Electronic Age*, M.A. Crew et P.R. Kleindorfer (eds.), Edward Elgar, Northampton, USA, 2011, 163-172.

3."Forecasting Mail Volumes in an Evolving Market Environment", (with J.P. Florens, F. Rodriguez, S. Soteri), in *Heightening Competition in the Postal and Delivery Sector*, M.A. Crew and P.R. Kleindorfer (eds.), Edward Elgar, Northampton, USA, 2010, 116-134.

4."Internet advertising and direct mail: trends and analysis for the UK", (with J.P. Florens, F.Rodriguez, S. Soteri), in *Progress in the Competitive Agenda in the Postal and delivery sector*, M.A. Crew and P.R. Kleindorfer (eds.), Edward Elgar, Northampton, USA, 2008, 209-222.

5.«Microeconomic Demand Modelling for Price Elasticities», Liberalization of the Postal and Delivery Sector, (with J.P. Florens and S. Richard), in *Liberalization of the postal and delivery sector*, M.A. Crew and P.R. Kleindorfer (eds.), Edward Elgar, Northampton, USA, 2006, 357-368.

6.«Delivery Costs II : Back to Parametric Models», Regulatory and Economics Changes in the Postal and Delivery Sector, (with C. Cazals, J.P. Florens and B. Roy), in *Regulatory and Economic Challenge in the Postal and Delivery Sector*, M.A. Crew and P.R. Kleindorfer (eds.), Kluwer, Boston, 2004, 189-202.

Papers submitted

1.“Estimation of conditional ranks and tests of exogeneity in nonparametric non separable models”, (with JP. Florens and I. Van Keilegom), *Journal of Business and Economic Statistics*, revised and resubmitted.

Working papers and Work in progress

1.« Demand models with geolocalized explanatory variables », 2015, (with J.P. Florens TSE-IDEI), will be presented next Toulouse postal conference, May 2016.

2.« Econometric models for non-addressed advertising delivery contracts”, 2014, (with S. Soteri, L. Veruete Mac-Kay, ROYAL MAIL et J.P.Florens, TSE-IDEI).

3.“On some dynamic treatment models: Application to Alzheimer disease”, (with S. Centorrino, JP. Florens and S. Thiebault), 2013.

4.“A quantile analysis of the cost function of the French Delivery Offices”, (with JP Florens et A.Roset), *DEI/TSE working paper*, 2014.

5.« How many different HLA genotypes exist in a population ? », (with J.P. Florens), *GREMAQ working paper*, 2006.

6. “Matching Models and Optimal Registry for voluntary Organ Donation Registries”, (with J.P. Florens), *TSE working paper*, 2006.

7.“Decisional aspects of the MADO project. New results coming from real data”, (with J.P.Florens), *GREMAQ working paper*, 2004.

8.«Attribute Choices and Structural Econometrics of Price Elasticity of Demand», IDEI Working Paper, (with P.Fève and J.P.Florens), *IDEI/GREMAQ working paper*, 2003.

9.«A Moment Estimation of the Haplotypes Distribution using Genotypes Data», *GREMAQ working Paper*, (with J.P. Florens), 2003.

10.Why suggest an economic model to compare efficiency of CBB versus registries ? a kind of WP7 POSEIDON introduction, *GREMAQ working Paper*, 2003.

11.*Efficiency of bone marrow donors’ registries : some orders of magnitude*, (with J.P.Florens), *GREMAQ working Paper*, 2003.

Conferences

« Demand models with geolocalized variables », ninth bi-annual Postal economics conference on E-commerce, Digital Economy and Delivery services », (with J.P. Florens), Toulouse, France, *upcoming conference March 2016*.

“A Quantile Analysis of the Cost Function of French Delivery Offices”, eight bi-annual Postal economics conference on E-commerce, Digital Economy and Delivery services », (with J.P. Florens, A. Roset), Toulouse, France, April 2014.

« Efficiency frontier and endogeneity », (with C.Cazals, JP. Florens and L. Simar), 5th French Econometrics Conference, TSE, Toulouse, France, November 2013.

“Econometrics of non linear pricing”, (with JP. Florens), 5th French Econometrics Conference, TSE, Toulouse, France, November 2013.

“Uncertainty and projections of the demand for mail”, (with J.P.Florens, F. Rodriguez, S. Soteri, L. Veruete-McKay) , 19th Conference on Postal and Delivery Economics, Jersey May 2011.

Econometric Models and the Evolution of Post-Offices Network, Conference on Postal and Delivery Economics, (with F. Boldron J.P. Florens, C. Panet-Amaro, C. Valognes), Porvoo, Finland, June 2010.

“How many different HLA genotypes exist in a population ?”, (with J.P. Florens), 57th of the International Statistical Institute, Durban, South Africa, August 2009.

“A Mathematical Model for Bone Marrow Donors Registries and Cord Blood Banks”, (with J.P. Florens), AFSE, Université Paris X Nanterre, France, september 2009.

“Forecasting Mail Volumes in an evolving Market Environment”, (with J.P.Florens, F. Rodriguez, S. Soteri), 17th Conference on Postal and Delivery Economics, Bordeaux, France May 2009.

“Building and evaluating recruitment strategies with a mathematical and economical approach: Matching models and optimal strategy for unrelated hematopoïetic stem cell donor registries and cord blood banks”, (with J.P.Florens), 22nd European Immunogenetics and Histocompatibility Conference – Special session: POSEIDON, Toulouse, France April 2008.

“Forecasting Mail Demand and Competition”, 5th Conference on « Regulation, Competition and Universal service in the Postal Sector», (with J.P.Florens, F. Rodriguez, S. Soteri), Toulouse, France, March 2008.

“Microeconomic demand modelling for price elasticities”, (with J.P. Florens, S.Richard), 14th Conference on postal and delivery Economics, Bern, Switzerland, May 2006.

“A Moment Estimation of the haplotypes distribution using genotypes data”, International Statistical Institute - Sydney, Australia, April 2005.

CURRENT AND PAST RESEARCH ACTIVITIES

AVIESAN/INSERM (2015-)

GDF-SUEZ (2015)

LA BANQUE POSTALE (2014-)

IPANEMA (ANR) (2013-)

ERDF (2012)

IBPST (Institut Berge des Services Postaux et des Télécommunications) (2011)

ROYAL MAIL (2003-)

LA POSTE (2002-)

POSEIDON (2007-2012) : *Promoting Optimisation, Safety, Experience sharing and quality Implementation for Donation Organisation and Networking in Unrelated Haematopoietic Stem Cell Transplantation in Europe*

Participation in two European projects

MADO (2001-2005): *Optimisation of typing policies for European **MA**row **DO**nor Registries : socio-economic evaluation of molecular techniques and recruitment*