

## CURRICULUM VITAE

(September 2021)

**Surname, name :** Thierry MAGNAC, **Birthdate:** 27 April 1960

**Citizenship:** French      **Marital status:** Married, three children

**Address:** Université de Toulouse 1 Capitole, 21 Allée de Brienne, 31000 Toulouse,  
France

**Telephone:** 33 561 128 871      **Fax:** 33 561 128 521

**Email address:** thierry.magnac@tse-fr.eu

**Home address:** B304, 7 Allée Charles Malpel, 31300 Toulouse, France

### Current employment, research activities and administration

- Professor, Université de Toulouse Capitole, Toulouse School of Economics (since February 2005).
- Head of the research team Empirical Economics and Econometrics at Toulouse School of Economics (since 2015)
- Member of the Council (Director) of the International Association for Applied Econometrics (since 2015).
- Member of the Board of the ESRC centre at the IFS, London (since 2010).
- Co-editor of *Journal of Applied Econometrics* (since June 2009).
- Associate editor at *Econometrics Journal* (since 2007).
- Senior research fellow at TSE-P.

### Education

- 1979-1982: Ecole Polytechnique, Ingénieur de l'Ecole Polytechnique (1982)
- 1982-1984: Ecole Nationale de la Statistique et de l'Administration Economique (ENSAE), Ingénieur Economiste-Statisticien (1984)
- 1987: PhD Thesis, EHESS, Paris

## **Fellowships**

- Fellow of the *Econometric Society* (2009)
- Senior fellowship at *Institut Universitaire de France* (2011-2016 and 2019-2024).
- Fellow of the *International Association for Applied Econometrics* (2017)
- International fellow at IFS, London (since 1992), research fellow at CEPR, London (since 1999), IZA, Bonn (since 2002), CIREQ (Montréal, since 2003) and CEMMAP, London (since 2010).

## **Experience**

- Junior research fellow (1987-1995) and Senior research fellow (1995-2005) at Institut National de la Recherche Agronomique (INRA).
- Research fellow at DELTA (1988-1993), CREST (1995-2004) & LERNA (2004-2005).
- Head of Laboratoire d'Economie Appliquée, INRA-Paris Jourdan (1998-2001) and head of the Microeconomic Research Unit at CREST, Paris (Jan 2003-Jun 2004).
- Scientific Director, Fondation Jean-Jacques Laffont (2007-2011).
- Research fellow at Institut d'Economie Industrielle (IDEI) (2004-2019).
- Recipient of an Advanced Grant of the European Research Council (2012-2018).
- Elected Member of the Council of the Econometric Society (2015-2018).
- Elected Member of the Commission Nationale des Universités, Section 5 (2016-2019)

## **Teaching** (including as associate or invited professor)

- INE, Cotonou, Benin, (february 1988-89, 1991): Mathematical models of growth
- ENSAE, Paris (1988-2003): Linear econometrics, panel data and binary models.
- EHESS (1988-90, 91-94): Graduate econometrics.
- Department of Economics at University College, London (1990-91): undergraduate statistics and applied microeconomics

- Ecole Polytechnique, Department of Economics, Palaiseau (1992-2006): classes in micro, macroeconomics, courses in applied econometrics and labour economics.
- Universitat Autònoma de Barcelona, Barcelona, Spain (spring 1993): Discrete econometric models
- Université de Lausanne, Switzerland (may 1993): labour economics
- PUC, Rio de Janeiro, Brazil (may-jun 2000, dec 2002): duration, discrete data econometrics
- CEMFI, Madrid, Spain (February 2005): Semiparametric binary models
- Université de Toulouse: Econometrics in Master 2 (Panel data) and PhD program (semiparametric and non parametric discrete choices) (2005-2008)
- Université de Toulouse: Econometrics Undergraduate 3rd year (2005-2020)
- School of Governance, Maastricht, Netherlands (February 2006-2007): Econometric evaluation methods
- Université de Toulouse: Econometrics Master 1 class (2007-2011)
- Université de Toulouse: Program Evaluation in M1 (since 2017)
- Université de Toulouse: Factor and random coefficients models in MRes (2020-2021)
- Université de Toulouse and DIW Berlin: Partial Identification (2017)
- Université de Toulouse: Machine Learning (since 2021)

### **Other Research Administration**

- Committee member of Meetings of the Econometric Society (1992, 1996-9, 2001-3, 2005-7, 2009-10), European Economic Association (1993, 1997, 2002-2004), LACEA (2002).
- Coorganizer of DELTA-CEPR 1990, Paris and EC<sup>2</sup> (European Conference in Econometrics), december 1992, Paris.
- Guest editor of *Annales d'Economie et Statistique*, 1993 (with P.A.Chiappori), of *Journal of Econometrics*, 1997 (with C.Gouriéroux), of *Journal of Applied Econometrics*, 2008 (with Pierre Dubois and Marc Ivaldi) and of *Annales d'Economie et Statistique*, 2021 (with A.Maurel and M.Shum).

- Former associate editor at *Annales d'Economie et Statistique* (1992-2005), *Econometrica* (2003-2012), *Economic Policy* (2012-2014), *The Economic Journal* (1997-2000), *European Economic Review* (1998-2002), *Investigaciones Economicas* (1997-2002), *Journal of the European Economic Association* (2005-2008), *Labour Economics*, (1995-1999), *World Bank Economic Review* (2005-2010). Also referee for *American Economic Review*, *Journal of Development Economics*, *Journal of Econometrics*, *Journal of Human Resources*, *Journal of Public Economics*, *Review of Economics and Statistics*, *Review of Economic Studies*, *Journal of Political Economy* and other journals.
- Leader of the French team of SHARE (Survey of Health, Aging and Retirement in Europe): jan 2002- may 2003.
- Chair of Empirical Economics and Econometrics, European Meeting of the Econometric Society, Milan 2008.
- Member of the selection committee, European University, Florence, 2004 and 2011.
- Member of the Scientific Council, CASD, Genes, Paris (2013-2015).
- Member of the ERC committee for consolidator and starting grants (2012-4-6-8)
- Secretary of the European Standing Committee of the Econometric Society (2012-2015).
- Co-chair of the 3rd meeting of the International Association for Applied Econometrics (in collaboration with Mark Watson), Milan, 22-25 June 2016.

### **PhD Students**

- Alice Mesnard, *International Migrations*, EHESS, 1998. Alice is research fellow at the Institute for Fiscal Studies, London, UK.
- Pierre Dubois, *Contracts, risk and incomplete markets in agriculture*, EHESS, (in collaboration with Bruno Jullien), 1999. Pierre is Professor at TSE, Université de Toulouse Capitole.
- Eric Maurin, *Measurement and analyses of income inequality*, EHESS, 2000. Eric is professor at PSE, Paris.

- Anna d'Addio, *Mobility of young people on the French labour market*, Université Catholique de Louvain (in collaboration with Bart Cockx), 2000. Anna is Senior Policy Analyst, UNESCO, Paris, France.
- Jérôme Reboul, *Bankruptcy and firm financing*, (in collaboration with Thomas Mariotti), Toulouse School of Economics, 2007. Jérôme is Secrétaire général adjoint at Autorité des marchés financiers, Paris.
- Elise Coudin, *Small sample estimation based on sign tests and quantile regression* (in collaboration with Jean-Marie Dufour), Université de Montréal, 2007. Elise is employed by INSEE, Paris.
- Sarolta Laczó, *Risk sharing in LDCs*, (in collaboration with Pierre Dubois) University of Toulouse. Sarolta is a Reader in Economics, Queen Mary University of London, UK.
- Elodie Alet, *Grade retention at school*, December 2011. Elodie is a "chargé de cours" at Toulouse School of Economics.
- David Pacini, *Essays in Partial Identification*, September 2011. David is Senior Lecturer in Economics at University of Bristol.
- Qizhou Xiong, *College choices*, September 2015. Qizhou is Research Fellow, Said Business School, University of Oxford.
- Mattia Girotti, *Industrial organization in banking*, September 2015. Mattia is research fellow at Banque de France.
- Xintong Han, *Education choices*, July 2017, Xintong is an assistant professor at Concordia University in Montréal, Canada since Sep 2017.
- Christophe Bruneel, *Continuous and discrete choice models of housing*, July 2021, Christophe is an assistant professor at Leuven University since sep 2021.
- Tuuli Vanhapelto, *Housing liquidity*, since sep 2018.
- Jose Alfonso Muñoz Alvarado, *Human capital & labor markets*, since sep 2018 (in collaboration with François Poinas).
- Lisa Bitbol, *Matching models*, since sep 2018 ((in collaboration with Ana Gazmuri)
- Tim Ederer, *Identification in matching*, since sep 2018 (in collaboration with Matteo Bobba).

- Anais Fabre, *Economics of education*, since sep 2019 (in collaboration with Olivier de Groot)
- Gyung Mo Kim, *Subjective beliefs and education*, since sep 2019 (in collaboration with Olivier de Groot)

### **Invited Lectures**

- "Non Linear Panel Data Models", *Sociedade Brasileira de Econometria*, Nova Friburgo, Dec 2002
- "Set Identified Linear Models", *Econometric Society European Meeting*, Vienna, August 2006.
- "College Entry Exams: A dynamic discrete choice model", *ESRC Econometric Study group*, Bristol, July 2009.
- Invited lectures, *Cowles Foundation*, Yale, april 2011
- Invited lectures, *Duke University*, october 2012
- "Identification partielle", *Société Canadienne de Sciences Economiques*, Québec, May 2013
- Barcelona Graduate School, *Microeconometrics*, Invited Lecture, juin 2015.
- Keynote lecture , *ADRES Doctoral Conference*, February 2017
- Keynote lecture , *Journées de Microéconomie Appliquée*, May 2017

### **Languages**

- English, French fluently read, spoken and written. Spanish and Portuguese read and spoken.

## **Publications** (in refereed journals)

- "Heterogeneity and Wage Inequalities over the Life Cycle" (in collaboration with Sébastien Roux), 2021, *European Economic Review*, 134, 103715.
- "College Entry and Allocation Mechanisms" (in collaboration with Jose-Raimundo Carvalho and Qizhou Xiong), 2019, *Quantitative Economics*, 10, 1233–1277.
- "Quels étudiants pour quelles universités?: Analyses empiriques de mécanismes d'allocation centralisée", 2018, *Revue Economique*, 69(5):683-708.
- "Human Capital Investments and the Life Cycle of Earnings" (in collaboration with Nicolas Pistoiesi and Sébastien Roux), 2018, *Journal of Political Economy*, 126(3), 1219-1249.
- "A Note on Sufficiency in Binary Panel Data Models" (in collaboration with Koen Jochmans), 2017, *Econometrics Journal*, 20(2), 259-269.
- "Set Identification, Moment Restrictions and Inference" (in collaboration with Christian Bontemps), 2017, *Annual Review of Economics*, 9:103-129 .
- "Foreign fees and customers' cash withdrawals", 2017, *Journal of Banking and Finance* 78, 117–129
- "Regional Policy Evaluation, Interactive Fixed Effects and Synthetic Controls" (in collaboration with Laurent Gobillon), 2016, *Review of Economics and Statistics*, 98(3), 535-551
- "Do unemployed workers benefit from enterprise zones? The French experience" (in collaboration with Laurent Gobillon and Harris Selod), 2012, *Journal of Public Economics*, 96(9–10), 881-892 .
- "Set Identified Linear Models" (in collaboration with Christian Bontemps and Eric Maurin), 2012, *Econometrica*, 80(3), 1129–1155.
- "The effect of location on finding a job in the Greater Paris Area" (in collaboration with Laurent Gobillon and Harris Selod), 2011, *Journal of Applied Econometrics*, 26(7):1079-1112.
- "Dynamique des salaires dans une cohorte" (in collaboration with Sébastien Roux), 2009, *Economie et Prévision*, 187:1-24.

- "Formal and Informal Risk Sharing in LDCs" (in collaboration with P., Dubois and B., Jullien), 2008, *Econometrica*, 76:679-726.
- "Partial Identification in Binary Models with Discrete and Interval-Valued Regressors", (in collaboration with E., Maurin), 2008, *Review of Economic Studies*, 75:835-864.
- "Risk, Uncertainty and Discrete Choice Models" (in collaboration with A. de Palma, M. Ben-Akiva, D.Brownstone, C. Holt, D. McFadden, P. Moffatt, N. Picard, K. Train, P.Wakker, J. Walker), 2008, *Marketing Letters*, 19(3-4):269-285.
- "A Comment on the identification power in games by A.Araddillas-Lopez and E.Tamer", 2008, *Journal of Business & Economic Statistics*, 26:295-297.
- "Collective Labor Supply: Heterogeneity and Nonparticipation" (in collaboration with R.Blundell, P.A..Chiappori and C.Meghir), 2007, *Review of Economic Studies*, 74:417-445.
- "Identification & Information in Binary Models", (in collaboration with E., Maurin), 2007, *Journal of Econometrics*, 139:76-104.
- "Droits à la retraite et mortalité différentielle", (in collaboration with A.,Bommier, B., Rapoport, M., Roger), 2006, *Economie et Prévision*, 168:1-16.
- "The impact of information on wine auction prices: results of an experiment", (in collaboration with S. Lecocq, M.-C. Pichery, and M. Visser), 2005, *Annales d'Economie et de Statistiques*, 77:37-58.
- "Binary Variables and Sufficiency: Generalizing Conditional Logit", 2004, *Econometrica*, 72:1859-1876.
- "The Dynamics of Local Employment Growth", (in collaboration with P.-P., Combes et J.-M. Robin), 2004, *Journal of Urban Economics*, 56(2):217-43.
- "How valuable is on-farm work to farmers?", (in collaboration with M.,Fall), 2004, *American Journal of Agricultural Economics*, 86, 267-281.
- "Le marché du travail à l'approche de la retraite : évolutions en France entre 1982 et 1999", (in collaboration with A.,Bommier, M., Roger), 2003, *Revue Française d'Economie*, 18: 23-82.



- "Analyse économique des politiques éducatives : l'augmentation de la scolarisation en France de 1982 à 1993", (in collaboration with D.Thesmar), *Annales d'Economie et Statistiques*, 2002, 65:1-34.
- "Identifying dynamic discrete choice models", (in collaboration with D.Thesmar), *Econometrica*, 2002, 70:801-16.
- "Départs en retraite : évolutions récentes et modèles économiques", (in collaboration with A., Bommier et M. Roger), *Revue Française d'Economie*, 2001, 16.
- "L'apport de la microéconométrie à l'évaluation des politiques publiques pour l'emploi", *Cahiers d'Economie et Sociologie Rurales*, 54 :90-113, 2000.
- "State dependence and unobserved heterogeneity in youth employment histories", *The Economic Journal*, 110:805-837, 2000.
- "Youth employment policies in France", (in collaboration with D.Fougère and F.,Kramarz), *European Economic Review* (44)4-6: 928-94, 2000.
- "Dynamic stochastic dominance in bandit decision problems", (in collaboration with J.M.Robin), *Theory and decision*, 47: 267-295,1999.
- "Estimation of transition models with recall errors" (in collaboration with M.Visser), *The Review of Economics and Statistics*, 81(3):466-74, 1999.
- "Savings, Layoff Risk and Labour Market Transitions", (in collaboration with R.Blundell et C.Meghir), *Journal of Business and Economic Statistics*, 15:153-164, 1997.
- "Seasonal Migrations of Labour", (in collaboration with G.Postel-Vinay), *Explorations in Economic History*, 34:1-26, 1997.
- "Occupational Choice and Liquidity Constraints", (in collaboration with J.M.Robin), *Ricerche Economica*, 50:105-33, 1996.
- "Analyzing Incomplete Individual Employment Histories using Indirect Inference", (in collaboration with J.M.Robin et M.Visser), *Journal of Applied Econometrics*, 10:S153-169, 1995.
- "An Econometric Analysis of Labour Market Transitions using Discrete and Tenure Data", (in collaboration with J.M.Robin), *Labour Economics*, 1:327-346, 1994.
- "Welfare Aspects of Technological Adoption With Learning", (in collaboration with T.Verdier), *Journal of Public Economics*, 53:31-48, 1993.

- "Analyse économique de l'augmentation de l'offre de travail", *Economie et Prévision*, jan 1991, 97:21-34.
- "Segmented or Competitive Labour Markets", *Econometrica*, jan 1991, 59(1): 165-87 .
- " Un modèle économétrique des migrations saisonnières de main d'oeuvre", (in collaboration with J.P.Bompard, G.Postel-Vinay), *Annales d'Economie et de Statistiques*, sept 1990, 19:98-129.
- "Taxation and Labour Supply in France" , *Journal of Human Resources*, Summer 1990, 25(3):60-98, (in collaboration with F.Bourguignon).
- "Las teorías económicas de la movilidad profesional", (in collaboration with J.M.Robin), *Revista de Economía Pública*, mar 1990, 6:115-30.
- "Emploi, mobilité et chômage dans la France du 19e siècle", *Annales E.S.C.*, jan 1990, 1:55-76.

### Chapters in books and other publications

- "Has the Covid pandemic accelerated the rate of decline in business letters? Some early and preliminary analysis and thoughts" (in collaboration with Catherine Cazals, Frank Rodriguez, Jonathan Pope and Soterios Soteri), 2021, in eds Parcu, Pier Luigi, Timothy J. Brennan, and Victor Glass, forthcoming in *Proceedings of the Postal Conference*.
- "Demand elasticities at the intensive and extensive margins for advertising mail traffic in the UK" (in collaboration with F.Fève and Soterios Soteri), in eds Parcu, Pier Luigi, Timothy J. Brennan, and Victor Glass, *The Changing Postal Environment: Market and Policy Innovation*. Springer, 2020.
- "How price sensitive is letter advertising mail in the UK?" (in collaboration with F.Fève, L.Veruete-McKay, and Soterios Soteri), 2019, in *New Business and Regulatory Strategies in the Postal Sector* edited by P.L. Parcu, T. Brennan and V.Glass. Springer International Publishing Switzerland, pp. 207-217.
- "To What Extent has E-substitution Impacted the Demand for Letters and Which Factors are Constraining its Advance", (in collaboration with C.Cazals, F.Rodriguez and S. Soteri), 2019, in *New Business and Regulatory Strategies in the Postal Sector*

edited by P.L. Parcu, T. Brennan and V.Glass. Springer International Publishing Switzerland, pp 269–283.

- "What are the Main Factors Driving International Contract Export Mail Sent From the UK to Western European Countries?" (in collaboration with F. Fève, S. Soteri, and L. Veruete-McKay), 2018, in *The Contribution of the Postal and Delivery Economics* edited by P.L. Parcu, T. Brennan and V.Glass. Springer International Publishing Switzerland.
- "Analysis of the effect of management quality variables in delivery cost functions", (in collaboration with C. Cazals and S. Soteri), 2018, in *The Contribution of the Postal and Delivery Economics* edited by P.L. Parcu, T. Brennan and V.Glass, Springer International Publishing Switzerland.
- "Identification partielle: méthodes et conséquences pour les applications empiriques", 2014, *L'Actualité Economique*, 89(4):233-258.
- "La ségrégation résidentielle : un facteur de chômage ?" (in collaboration with Laurent Gobillon and Harris Selod), *Regards croisés sur l'économie*, 2011/1 - n° 9, 272-281
- "Logit models of individual choices", *The New Palgrave Dictionary of Economics*, Mac Millan, 2009.
- "Parametric binary choice models" (in collaboration with Michael Lechner and Stefan Lollivier) in eds L. Matyas and P. Sevestre, *Panel data Econometrics*, Kluwer: Amsterdam, 2009.
- "Fins de carrière et départs à la retraite: l'apport des modèles de durée" (in collaboration with Benoit Rapoport and Muriel Roger), *Solidarité et Santé de la Drees*, 3, 2006: 101-117.
- "Econométrie linéaire des panels : une introduction", *Actes des Journées de Méthodologie Statistique*, 2005.
- "Comment on "Les effets des dispositifs publics d'insertion en emploi" de Gilbert, Kamionka et Lacroix ", *Economie et Statistique*, 345:85-87, 2001.
- "Evaluation statistique de l'effet des stages sur l'insertion professionnelle des jeunes", *Economie et Statistique*, 304-305:75-94, 1997

- "L'évaluation des politiques publiques d'insertion des jeunes sur le marché du travail", (in collaboration with V.Lechene), *Les jeunes et l'emploi*, Cahiers Travail et Emploi, La Documentation Française, 1996.
- "Demanda de educacion en las zonas rurales colombianas", (in collaboration with José Leibovich), *Coyuntura Economica*, 26: 129-150, 1996.
- "Measurement of Implicit Prices of Family Labour in Agriculture: An Application to Cote d'Ivoire", (in collaboration with S.Lambert), in F. Caillavet, H. Guyomard et R. Liffra, eds., *Agricultural Household Modelling and Family Economics*, Elsevier, Amsterdam, 1995
- "Analyse des déterminants des salaires", (in collaboration with V.Lechene) in F., Bouchayer eds., *Trajectoires sociales et inégalités*, ERES:Toulouse, 221-43, 1995.
- "Le processus de décision des ménages ruraux est-il récursif ? Une application au cas de la Côte d'Ivoire", (in collaboration with S.Lambert) in M. Benoit-Cattin, M. Griffon et P. Guillaumont, eds. *Economie des politiques agricoles dans les pays en voie de développement*, RFE, Paris, 1994.
- "Female Labour Market Participation and Wages in Colombia", in eds G.Psacharopoulos et Z.Tsannatos, *Women's Employment and Pay in Latin America*, World Bank, 1992.
- "External Trade and Income Distribution in Malawi", (in collaboration with F.Johnson) in F.Bourguignon et C.Morrisson, eds. *External Trade and Income Distribution*, OECD, Paris, 1989.
- "Analyse de l'offre de travail sur un marché concurrentiel et segmenté", PhD Thesis, EHESS, 1987 (Prize of the best PhD dissertation in 1987 awarded by the Association Française de Sciences Economiques).
- "Une étude économétrique de l'offre de travail féminine en Colombie", (in collaboration with R.Radji), *Statéco* , 4:67-90 , march 1985.

### **Recent Working Papers in a Series**

- "A Field Experiment: Congestion in Matching Markets " (in collaboration with Yinghua He), 2021, TSE Working Paper, n. 17-870, accepted in *The Economic Journal*, conditionally on replication of the empirics.

## **Work in Progress**

- "Housing policy evaluation: An heterogenous agent general equilibrium model for France", (in collaboration with Frédéric Cherbonnier and Christian Bontemps) 2019
- "Housing liquidity and market equilibrium" (in collaboration with Tuuli Vanhapelto), 2021
- "A dynamic household model of housing demand" (in collaboration with Christophe Bruneel), 2021.
- "Linear Models with Interval-Censored Explanatory Variables" (in collaboration with Christian Bontemps and David Pacini), 2021
- "Human capital investments in two sectors" (in collaboration with Laurent Gobillon and Sébastien Roux), 2021.
- "Consumer Demand with Unobserved Stockpiling and Intertemporal Price Discrimination" (in collaboration with Pierre Dubois), 2015.

## **Other Works**

- "Students' portfolio choice of educational investment" (in collaboration with Jose-Raimundo Carvalho and Xintong Han), 2014
- "Bolsa Escola: An Evaluation" (in collaboration with Gustavo Gonzaga and Daniele Machado), revised 2013
- "Competition and stability in banking" (in collaboration with Karine van der Straten and Mattia Girotti), 2013
- "Financial Stability and Bank Ownership", 2012.
- "The estimation of double-indexed models (in collaboration with Laurent Gobillon), 2011.
- "Public servants: a competitive advantage for public firms?" (in collaboration with Guido Friebel), 2007.
- "Informal Risk Sharing with Incomplete Contracts", (in collaboration with P., Dubois et B., Jullien), 2002.

- "Educating children: a look at family behaviour in Cote d'Ivoire", (in collaboration with P.deVreyer et S.Lambert), WP LEA-INRA, 99-05.
- "When should one use non-separable household models?", (in collaboration with S.Lambert), WP CREST, 97-31