

Curriculum vitae of **Andrea Vezzulli**
(March 2018)

PERSONAL DETAILS:

First Name: Andrea

Family Name: Vezzulli

Gender: Male

Place and date of birth: Codogno (LO), Italy. July 19th, 1975

Nationality: Italian

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26865 San Rocco al Porto (LO) - Italy.

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EDUCATION:

(2006) PhD in Economics, University of Milan, Milan.

Thesis title: *Bayesian Estimation of Zero Inflated Count Panel Data Models. Methodological Issues and an application to Academic Patenting.*

Thesis advisor: Prof. Matteo Manera.

Examining Committee: Prof. Massimiliano Marcellino, Prof. Eliana La Ferrara, Prof. Alessandra Venturini.

(2002) Laurea (MA) in Political Science (major in Economics and Statistics), University of Milan, Milan. Dissertation title: *Analysis of a Temporary Work Agency database using Data Mining Techniques.* Grade: 106/110.

Advisors: Prof. Stefano Maria Iacus, Prof. Giuseppe Porro, Prof. Daniele Checchi.

RESEARCH INTERESTS:

Banking, innovation and technology transfer, SMEs financing, econometrics.

CURRENT POSITION:

(December 2016 – present) Assistant Professor (RTDb), Department of Economics, University of Insubria (IT).

(April 2013 – present) Research Affiliate (external), ICRIOS – Bocconi University (IT).

PREVIOUS POSITIONS:

(October 2016 – December 2016) Contract Agent, European Commission Joint Research Centre (JRC), Unit I.1 – Modelling, Indicators and Impact Evaluation - Competence Centre on Composite Indicators and Scoreboards (CC-COIN).

(August 2015 – September 2016) Post-Doc Researcher, Department of Economics and Management, University of Pisa (IT).

(March 2010 – March 2015) Research Associate (Investigador Auxiliar), UECE/ISEG – University of Lisbon – Lisbon (PT).

(March 2009 – March 2010) Post-Doc Research Fellow, Department of Management, University of Bologna, Bologna (IT).

(January 2006 – January 2009) Post-Doc Fellow, KITeS/CESPRI – Bocconi University, Milan (IT).

(June 2004 – June 2005): Junior Researcher, Fondazione Giovanni Agnelli, Turin (IT). Title of the research project: “*Policy and Management of Intellectual Property Rights*”. Supervisor: Prof. Mario Calderini.

(October 2003 – July 2004): Visiting Research Fellow, Department of Economics, University of York, York (UK). Supervisor: Prof. Alessandra Canepa.

TEACHING (academic years):

(2016-2017, 2017-2018): “Economics of Innovation” (introduction), (undergraduate), Department of Economics, University of Insubria.

(2016-2017): “Economics of Innovation” (advanced), (postgraduate), Department of Economics, University of Insubria.

(2015-2016): “Introductory Econometrics”, PhD course in Business Administration and Management, University of Pisa.

(2015-2016): “Hedonic Regression Models applied in the Wine Industry”, Sant'Anna School of Advanced Studies, Pisa, Adjunct Lecturer.

(2010-2011, 2011-2012): “Econometrics”, PhD course in General Management, Department of Management, University of Bologna.

(2007-2008, 2008-2009): “Econometric Methods for Innovation Studies” (postgraduate), Department of Economics, Bocconi University, Adjunct Lecturer.

(2004-2008): “Introduction to statistics and economics” (undergraduate), Department of Economics and Management, University of Milan, Tutor.

(2006-2007, 2007-2008): “Applied Industrial Organization” (postgraduate), Department of Economics and Statistics, University of Milano-Bicocca, Adjunct Lecturer.

(2006-2007, 2007-2008): “Applied Economics” (postgraduate), Department of Economics and Statistics, University of Milano-Bicocca, Teaching Assistant.

(2007-2008): “Econometrics” (postgraduate), Department of Management Engineering, University of Brescia, Adjunct Lecturer.

(2005-2006, 2006-2007): “Econometrics” (postgraduate), Department of Management Engineering, University of Brescia, Teaching Assistant.

AWARDS AND GRANTS:

2017-2018: Yearly Individual Grant for Fundamental Research (FFABR), funded by the Italian Ministry of Education, University and Research.

2014-2020: Qualification as Associate Professor, Italian University System, for the field 13/D2 –Economic Statistics.

2013-2019: Qualification as Associate Professor, Italian University System, for the fields 13/A2 Political Economy and 13/A4 Applied Economics.

2013-2017: “Maître de conférences” habilitation. Section 5 – “Sciences économiques” (Economics), qualification N° 13205246129.

2011: Best paper proceedings, Academy of Management Meeting, paper co-authored with Enrico Forti and Maurizio Sobrero.

2011: One year Research Grant in “Retail Banking and Finance – Financial issues for the support of innovation and R&D” funded by UniCredit Bank.

2003-2005: Three years full PhD scholarship funded by the University of Milan.

PARTICIPATION IN SUMMER SCHOOLS:

September 2016: COIN 2016 - 14th JRC Annual Training on Composite Indicators & Scoreboards - Joint Research Centre, Ispra, (IT).

July 2015: Econometrics Summer School ISEG 2015 by Prof. Pierre Hoonhout and Prof. Nicoletta Rosati (University of Lisbon) – Lisbon, (PT).

July 2015: ISEG Summer School 2015 – Bayesian SFA using WinBUGS by Prof. Mike G. Tsionas (Lancaster University) – Lisbon, (PT).

July 2015: CIDE – Summer Advanced School in Econometrics – “Big Data” and High-Dimensional Econometric Models, by Victor Chernozhukov (MIT) and Christian Hansen (University of Chicago) - Perugia (IT).

March 2015: Banco de Portugal course on Bank Industry Dynamics by Prof. Dean Corbae (Department of Economics, University of Wisconsin – Madison).

July 2014: ISEG Summer School 2014 – Quantitative Methods for Public Policy Evaluation and Computational Economics using MATLAB – Lisbon, (PT).

June 2010: ISEG Summer School 2010 – “Matlab” – Lisbon (PT).

June 2009: EVPAT – “Economics and Management of Intellectual Property Rights” Summer School – Bologna (IT).

September 2007: ABS2007 – Applied Bayesian Summer School – Pavia (IT).

June 2007: CIDE – Summer Advanced School in Econometrics – Bertinoro (IT).

September 2006: ESSID – European Summer School in Industrial Dynamics – Cargese (FR).

July 2006: SEEC – Summer School in Applied Economics – Lecce (IT).

September 2003: CIDE – Summer School in Econometrics – Bertinoro (IT).

COMPUTER SKILLS:

Good knowledge of MS Windows, MS Office, Mac OS X, Scientific WP, LaTeX, NetLogo.

Statistical-Econometric Packages: SPSS, Eviews, R, SAS, Stata, MatLab, BUGS.

Basics in programming languages: Cobol, C++, Visual Basic, Ruby.

LANGUAGES:

Italian (native) - English (advanced) - Portuguese (good) - French (good).

INTERNATIONAL CONFERENCES AND PRESENTATIONS:

- “Human Rights and the Multinational Enterprise” – Final Workshop, University of Pisa, Pisa, 4-5 February 2016 (paper presented);
- “The Effects of R&D Policy: New Research Directions and Policy Implications – Final Workshop”, University of Oslo, Oslo, 16th October 2015 (discussant);
- “The Effects of R&D Policy: New Research Directions - Open Workshop”, TIK – University of Oslo, Oslo, 10th October 2014 (paper presented);
- “3rd UECE Conference on Economic and Financial Adjustments in Europe”, ISEG - University of Lisbon, Lisbon, 11 July 2014 (session chair);
- “IFABS 2014 – 6th International Conference”, ISCTE Business School, Lisbon, 18-20 June 2014 (paper presented);
- “SIEPI Annual Workshop”, University Federico II, Naples, 6-7 February 2014;
- “ADRES Doctoral Conference”, Université Paris-Dauphine, Paris, 3-4 February 2014 (paper presented);
- “22th International Conference on Money, Banking and Finance”, CASMEF – LUISS University, Rome, 12-13 December 2013 (paper presented);
- “SIE 2013 - 54th Annual Conference”, Bologna, 24-26 October 2013 (paper presented);
- “EARIE - 40th annual conference”, University of Évora, Évora, 30 August - 1 September 2013 (paper presented);
- “2nd UECE Conference on Economic and Financial Adjustments in Europe”, ISEG - University of Lisbon, Lisbon, 28 June 2013 (session chair);
- “ICEEE 2013 - 5th Italian Conference on Econometrics and Empirical Economics”, University of Genoa, Genoa, 16-18 January 2013 (paper presented);

- “EARIE - 39th annual conference”, LUISS University, Rome, 2-4 September 2012 (paper presented);
- “1st UECE Conference on Economic and Financial Adjustments in Europe”, ISEG - University of Lisbon, Lisbon, 29 June 2012 (session chair);
- “ICEEE 2011 - 4th Italian Conference on Econometrics and Empirical Economics”, University of Pisa, Pisa, 19-21 January 2011 (paper presented);
- “UECE Lisbon Meetings 2010: Game Theory and Applications”, ISEG Technical University of Lisbon, Lisbon, 4-6 November 2010;
- “CONCORD 2010 – 2nd European Conference on Corporate R&D”, IPTS, Seville, 3-4 March 2010 (paper presented);
- “4th EPIP Conference on Measuring the value of IPR: theory, business practice and public policy”, Bologna, 24-25 September 2009 (paper presented);
- “FIRB-RISC Conference on Research and Entrepreneurship in the Knowledge-Based Economy”, Bocconi University, Milan, 7-8 September 2009 (paper presented);
- “3rd ZEW Conference on Economics of Innovation and Patenting”, ZEW, Mannheim, 13-14 June 2008 (paper presented);
- “CREDIT 2007- Credit Risk Evaluation Designed for Institutional Targeting in finance”, GRETA, Venice, 27-28 September 2007 (poster presented);
- “Knowledge Based Entrepreneurship: Innovation, Networks, and Systems”, Bocconi University, Milan, 4-5 June 2007 (discussant);
- “Journal of Applied Econometrics International Conference”, Cà Foscari University, Venice, 2-3 June 2005;
- “Triple Helix 5”, Fondazione Rosselli, Turin, 17-21 May 2005 (paper presented);
- “ICEEE 2005 - 1st Italian Conference on Econometrics and Empirical Economics”, Cà Foscari University, Venice, 24-25 January 2005 (paper presented);
- “Innovation Entrepreneurship and Growth”, Royal Institute of Technology Studies, Stockholm, 18-20 November 2004 (paper presented).

REFEREE ACTIVITY:

IEEE Transactions on Engineering Management, Journal of Evolutionary Economics, Industrial and Corporate Change, Small Business Economics, Industry and Innovation, Journal of Small Business Management, Journal of Technology Transfer, Journal of Industrial and Business Economics, Economics of Innovation and New Technology, Research Policy, Oxford Economic Papers.

PUBLICATIONS:

International refereed journals:

- Mancusi M., Vezzulli A., Frazzoni S., Rotondi Z., Sobrero M., (2018) “Export and innovation in SMEs: the role of concentrated bank borrowing”, *Economica, Volume 85, Issue 337, pp. 177-204*. ISSN: 1468-0335.
- Ciravegna L., Giuliani E., Kilian B., Vezzulli A., (2017) “Decoupling Standards from Practice: the Impact of in-house Certifications on Coffee Farm’s Environmental and Social Conduct”, *World Development, Volume 96, pp. 294-314*. ISSN: 0305-750X.
- Dalla Pellegrina L., Frazzoni S., Rotondi Z., Vezzulli A., (2017) “The Access to credit for Small Innovative Businesses”, *Economic Notes, Volume 46, Issue 3, pp. 411-458*. ISSN: 1468-0300.
- Bodas Freitas, I., Castellacci, F., Fontana, R., Malerba, F. and Vezzulli, A. (2017), “Sectors and the additional effects of R&D tax credits: A cross-country microeconomic analysis”, *Research Policy, Volume 46, Issue 1, pp. 57-72*. ISSN: 0048-7333.

- Dalla Pellegrina L., Frazzoni S., Rotondi Z., Vezzulli A. (2017), “Does ICT adoption improve access to credit for small enterprises?”, *Small Business Economics*, ISSN: Volume 48, Issue 3, pp. 657–679. ISSN: 0921-898X.
- Fontana R., Vezzulli A. (2016), “Technological leadership and persistence in product innovation in the Local Area Network industry 1990–1999”, *Research Policy*, Volume 45, Issue 8, pp. 1604-1619. ISSN: 0048-7333.
- Altomonte A., Gamba S., Mancusi M.L., Vezzulli A., (2016) “R&D investments, Financing Constraints, Exporting and Productivity”, *Economics of Innovation and New Technology*, Volume 25, Issue 3, pp. 283-303. ISSN: 1043-8599.
- Mancusi M.L., Vezzulli A. (2014), “R&D and Credit Rationing in SMEs”, *Economic Inquiry*, Volume 52, Issue 3, pp. 1153-1172. ISSN: 1465-7295.
- Dalla Pellegrina L., Frazzoni S., Rotondi Z., Vezzulli A. (2014), “Information technology, bank credit and relationship banking”, *Bancaria*, Volume 4, pp. 26-38. ISSN: 0005-4623.
- Fontana R., Nuvolari A., Shimitzu H., Vezzulli A. (2013), “Reassessing Patent Propensity: Evidence from a Data-set of R&D Awards, 1977-2004”, *Research Policy*, Volume 42, Issue 10, pp. 1780-1792. ISSN: 0048-7333.
- Fontana R., Nuvolari A., Shimitzu H., Vezzulli A. (2012), “Schumpeterian patterns of innovation and the sources of breakthrough inventions: evidence from a data-set of R&D awards”, *Journal of Evolutionary Economics*, Volume 22, Issue 4, pp. 785-810. ISSN: 0936-9937.
- Cozza C., Malerba F., Mancusi M.L., Perani G., Vezzulli A. (2012) “Innovation, profitability and growth in medium and high-tech manufacturing industries: Evidence from Italy”, *Applied Economics*, Volume 44, Issue 11, pp. 1963-1976. ISSN: 0003-6846.
- Ughetto E., Vezzulli A. (2011) “What role can mutual guarantee consortia play for financing innovation? A firm-level study for Italy”, *International Journal of Banking Accounting and Finance*, Volume 3, Issue 4, pp. 294-319. ISSN: 1755-3830.
- Calderini M., Franzoni C., Vezzulli A. (2009) “The Unequal Benefits of Academic Patenting for Science and Engineering Research”, *IEEE Transactions on Engineering Management*, Volume 56, Issue 1, pp. 16-30. ISSN: 0018-9391.
- Calderini M., Franzoni C., Vezzulli A. (2007) “If star scientists do not patent: The effect of productivity, basicness and impact on the decision to patent in the academic world”, *Research Policy*, Volume 36, Issue 3, pp. 303-319. ISSN: 0048-7333.
- Iacus S., Porro G., Vezzulli A. (2004) “Temporary Agency Workers in Italy: Alternative Techniques of Classification”, *Labour: Review of Labour Economics and Industrial Relations*, Volume 18, Issue 4, pp. 699-725. ISSN: 1467-9914.

Book chapters and conference proceedings:

- Dalla Pellegrina L., Frazzoni S., Rotondi Z., Vezzulli A. (2013), “Does ICT adoption improves access to credit for small enterprises?”, Euro Shocks and the Italian Banking System, XVIII Rapporto sul sistema finanziario italiano, Edibank, 2013. ISBN: 9788844905125.
- Dalla Pellegrina L., Frazzoni S., Rotondi Z., Vezzulli A. (2012), “Do large banks reward more innovative small enterprises?”, La banca commerciale territoriale nella crisi dei mercati, XVII Rapporto sul sistema finanziario italiano, Edibank, 2012. ISBN 9788844905040.
- Frazzoni S., Mancusi M., Rotondi Z., Sobrero M., Vezzulli A., (2011), “Relationship with banks and access to credit for innovation and internationalization in SMEs”, L'EUROPA

E OLTRE. Banche e imprese nella nuova globalizzazione, XVI Rapporto sul sistema finanziario italiano, Edibank, 2011. ISBN 9788844904951.

- Forti E., Sobrero M., Vezzulli A. (2011) “Managing trade-offs within and across decision domains: continuity, change and new product performance”, *Academy of Management Annual Meeting Proceedings, Volume 8, Issue 1, pp. 1-6*. ISSN: 2151-6561.
- Breschi S., Lenzi C., Lissoni F., Vezzulli A. (2010), “*The geography of knowledge spillovers: the role of inventors mobility across firms and in space*”, HandBook of Evolutionary Economic Geography, Edward Elgar Publishing. ISBN: 9781847204912.
- Breschi S., Lenzi C., Lissoni F., Vezzulli A. (2010), “*Localizzazione ed esternalità di conoscenza: il ruolo della mobilità degli inventori tra imprese e sul territorio*”, Federalismo e Crescita: è possibile una relazione virtuosa?, a cura di Lorenzini S. e Rabellotti R., collana AISRe, edizione Franco Angeli. ISBN: 9788856830651.
- Ughetto E., Vezzulli A. (2008), “*Financial intermediation and guarantee-backed loans: an analysis of default*”, Le banche ed il governo dei rischi. Mercati, consumatori, regole, XIII Rapporto sul sistema finanziario italiano, Edibank, 2008. ISBN 9788844904661.

Technical research reports:

- Damioli G., Del Sorbo M., Ghisetti C., Vértésy D., Vezzulli A. (2017), “*Sailing through the storms towards Treasure Island*”, JRC Technical Report JRC106426. ISSN: 1831-9424.
- Cañibano C., Vértésy D., Vezzulli A. (2017), “*An inquiry into the return mobility of scientific researchers in Europe*”, JRC Technical Report JRC106613. ISSN: 1018-5593.
- Frazzoni S., Vezzulli A. (2012), “*East Gate Export: an open gate to European Middle-Eastern Markets*”, UniCredit report (in italian).
- Frazzoni S., Vezzulli A. (2011), “*The Venetian vineyard enterprises on European Eastern Markets*”, UniCredit report (in italian).
- Forti E., Munari F., Vezzulli A. (2010), “*Cefla Dental and Energifera: a market and technology oriented positioning analysis*”, INNOVAMI report (in italian).
- Sobrero M., Vezzulli A., Ranzolin G. (2010), “*Le Fondazioni di origine bancaria e il trasferimento tecnologico*”, ACRI Ricerca final report (in italian).
- Calderini M., Manera M., Ronco M., Scellato G., e Vezzulli A. (2006), “*Forecasting Patent Filings in the Telecommunication Industry*”, European Patent Office final report, Munich.
- Vezzulli A. (2002), “*L’andamento del mercato del lavoro nella Provincia di Milano nel corso del 2001*”, Milano Produttiva 2002 - CCIAA Milano (in italian).

Working papers and works in progress:

- Mancusi M.L. and Vezzulli A., “R&D and Credit Rationing Over the Credit Cycle”.
- Vezzulli A. “Bayesian Estimation of Zero-Inflated Count Models for Longitudinal Data: a Monte-Carlo Simulation Study”. MIMEO (3rd Chapter PhD Thesis),
- Forti E., Sobrero M., Vezzulli A. “Managing Change and Stream Dependence in Temporary Organizations”. (submitted)
- Garcia F., Marques R., Opromolla L., Vezzulli A. “The effects of official and non-official information on tax compliance”. (submitted)
- Garcia F., Opromolla L., Vezzulli A. “An optimal loan contract for start-up innovation with patenting and recontracting”.
- Antonacci M.V., Forti E., Jong S., Vezzulli A., “Product Placement and Web-Search. Identifying Mechanisms Driving Consumer Engagement”. (submitted)
- Giuliani E., Nieri F., Vezzulli A., “When doing well means doing harm: understanding the performance – CSiR link in emerging country firms”.

PARTICIPATION IN RESEARCH PROJECTS:

(2015-2016) Project Grant PRA_2015_0082 “*Corporate Social Responsibility (CSR) & Human Rights Project*” funded by University of Pisa. Coordinator: Prof. Elisa Giuliani.

(2013-2015) FCT Project PTDC/EGE-ECO/122507/2010 “*Studies of informational asymmetries in financial and social networks*” funded by FCT - Fundação para a Ciência e a Tecnologia (Portugal). Coordinator: Prof. Filomena Garcia.

(2013-2014) Norwegian R.C. Project “*R&D Policy by sector*” funded by the Norwegian Research Council (Norway). Coordinator: Prof. Fulvio Castellacci.

(2006-2008) FIRB Project RISC – RBNE039XKA “*Research and entrepreneurship in the knowledge-based economy: the effects on the competitiveness of Italy in the European Union*” funded by MIUR - Ministry of Education, Universities and Research (Italy). Coordinator: Prof. Franco Malerba.

REFERENCES:

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