VALENTINA CORRADI
November 2025

Address:
New York University, Abu Dhabi
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Economics Program
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Education:

Ph. D. in Economics, University of California, San Diego, 1994
Master of Arts in Economics, University of California, San Diego, 1991
Laurea (Bachelor) in Economics, Universita' Bocconi, Milano, Italy, 1983

Employment:

Semptember 2025: Professor of Economics, New York University, Abu Dhabi

January 2025-August 2025: Visiting Professor of Economics, New York University, Abu Dhabi

September 2013-August 2025: Professor of Econometrics, University of Surrey

September 2006-August 2013: Professor of Economics, University of Warwick

September 2003-August 2006: Professor of Econometrics, Queen Mary, University of London.

September 2000-August 2003: Professor of Econometrics, University of Exeter.

September 1998-August 2000: Lecturer in Economics, Queen Mary, University of London.

July 1994-August 1998: Assistant Professor of Economics, University of Pennsylvania.

September 1989-June 1994: Teaching Assistant, University of California, San Diego.

January 1986-July 1988: Economist, Center for Monetary and Financial Economics, Universita' Bocconi, Milano

January 1984-December 1985: Research Assistant, School of Management, Universita' Bocconi, Milano

Field of Research:

Econometric Theory, Time Series Analysis, Financial Econometrics, Macroeconometrics

Current Research Interest: Testing Sparsity, Tail Risk, Conditional Quantile and Joint Exceedence, Sorting Error and Double (Multiple) Sorting. Synthetic Difference in Difference for multiplicative Models.

Teaching:

Undergraduate: Topics in Financial Econometrics, Principle of economics (micro), Microeconomics, Introductory Statistics, Econometrics, Mathematics for Economists.

Graduate: Econometrics, Application of Big Data to Econometrics, Time Series Analysis, Microeconometrics, Mathematical Statistics, Topics in Forecast Evaluation,

Grants.

Economic and Social Science Research Council-ESRC (equivalent to US NSF), S/T013567/1: Settembre 2020-August 2023-Machine Learning and Trade Provisions, with Holger Breinlich, Joao Santos Silva and Tom Zylkin.

Economic and Social Science Research Council-ESRC (equivalent to US NSF). Grant RES-062-23-0311, March 2007-March 2009, on "Conditional Independence, Noncausality and International Market Links: A Realized Measure Approach", (with Walter Distaso, Imperial College and Marcelo Fernandes, Queen Mary). Rated: Outstanding

Economic and Social Science Research Council-ESRC (equivalent to US NSF). Grant RES-000-23-0006, December 2002-November 2004, on "Modelling, Testing and Prediction of Integrated Volatility via realized Volatility", (with Walter Distaso, co-applicant). Rated: Outstanding.

Awards:

2003 Arnold Zellner award for excellent research published on the Journal of Econometrics: "Reconsidering the Continuous Time Limit of the GARCH(1,1) Process", by V. Corradi, cited as distinguished paper.

2004-Koc University Prize for the Best Paper in Economic Design, for "The Dynamic of Public Opinion and Majority Voting", by A. Ianni and V. Corradi.

Editorial Positions:

January 2015-: Associate Editor of *Journal of Econometrics*
January 2023: Associate Editor *Journal of Applied Econometric*

January 2005-December 2013: Board Member of *The Review of Economic Studies*
January 2017-December 2021: Associate Editor *Econometric Theory*
September 2007-: Associate Editor of *The Econometric Journal.*

Fellowships:

January 2007- Fellow of *The Journal of Econometrics*
January 2022- Fellow for *International Association for Applied Econometrics*
Regional Member of the Econometric Society, 2018-2021
2012-2013 Regional Consultant (UK and Ireland) for Winter Meeting of the European Econometric Society

Working Papers

H. Breinlich, V. Corradi, N. Rocia, M. Ruta, J. Santos Silva and T. Zylkin, "Machine Learning in International Trade Research: Evaluating the Impact of Trade Agreements", under review *Journal of the American Statistical Association: Applications and Case Studies*, November 2025

V. Corradi, W. Distaso, M. Fernandes and A. Lunde, Predictive Conditional Alphas. R&R *Journal of the American Statistical Association: Theory and Methods*, November 2025

V. Corradi and J. Llorens-Terrazas, Monitoring Joint Tail Risk: an Application to Growth and Inflation. Revised and Resubmitted to *Journal of Econometrics*

N. Ceneda, V. Corradi and W. Distaso "The Econometrics of Portfolio Sorting Errors"

V. Corradi, J. Fosten, D. Gutknecht, "Testing for Sparsity in High Dimensional Time Series Models"

Publications:

Corradi, V., J. Fosten, D. Gutknecht (2024), Predictive Ability Tests with Possibly Overlapping Models, *Journal of Econometrics,* forthcoming

Corradi, V., J. Fosten, D. Gutknecht (2023) Out of Sample Test for Conditional Quantile Coverage: an Application to Growth at Risk, *Journal of Econometrics,* v.236 (early access)

Arulampalam, W., V. Corradi, D. Gutknecht (2023) Intercept Estimation in Nonlinear Selection Models, (with Wiji Arulampalam and Daniel Gutknecht), *Econometric Theory,* (early access)

Corradi, V, S. Jin, N.R. Swason (2023) Robust Forecast Superiority Testing with an Application to Assessing Pools of Expert Forecasters, *Journal of Applied Econometrics,* 2023, v.38, 596-622.

Corradi, V., D. Gutknecht (2023) Testing for Quantile Selection, *Econometric Journal,* 2023, v.26, 147-173.

"Testing for Jumps Spillovers without Testing for Jumps" (with W. Distaso and M. Fernandes), *Journal of the American Statistical Association,* July 2020, v.115 1214-1226

"Heap: A Command for Fitting Discrete Outcome in the Presence of Heaping at Known Points" (with W. Arulampalam, D. Gutktnecht and Z.Z. Yan), *STATA Journal,* June 2020, v.20, 435-467.

"Testing for Optimal Monetary Policy via Moment Inequalities" (with L. Coroneo, and P. Santos Monteiro), *Journal of Applied Econometrics,* September 2018, v.33

V.Corradi, M.J. Silvapulle, N.R. Swanson "Testing for Jumps and Jump Path Dependence", *Journal of Econometrics*, June 2018, v.204

S. Jin, V. Corradi, N.R. Swanson "Robust Forecast Comparison", *Econometric Theory*, December 2017, Vol.33.

V. Corradi and N.R. Swanson "Testing for Structural Stability of Factor Augmented Forecasting Models", *Journal of Econometrics,* 182, 100-118, 2014.

"Modelling Heaped Duration Data: an Application to Neonatal Mortality" (with W. Arulampalam and D. Gutknecht), *Journal of Econometrics*, October 2017, v.200.

F.M. Bandi and V. Corradi, "Nonparametric Nonstationarity Tests", *Econometric Theory,* 30, 127-149, 2014

V. Corradi, W. Distaso and A. Mele, "Macroeconomic Determinants of Stock Volatility and Volatility Premiums", *Journal of Monetary Economics,* 60, 203-220, 2013

V. Corradi, W. Distaso and M. Fernandes, "International Market Links and Volatility Transmission", *Journal of Econometrics,* 170, 117-141, 2012.

V. Corradi, W. Distaso and N.R. Swanson, "Predictive Inference for Integrated Volatility", *Journal of the American Statistical Association,* 106, 1496-1512, 2011.

V. Corradi and N.R. Swanson, "Predictive Density Construction and Testing with Multiple Possibly Misspecified Diffusion Models", *Journal of Econometrics,* 161, 304-324, 2011.

V. Corradi, A. Fernandez and N.R. Swanson, “Information in the Revision Process of Real-Time Datasets”, *Journal of Business Economics and Statistics,* 27, 455-467, 2009.

V. Corradi, W. Distaso and N.R. Swanson, “Predictive Density Estimators for Daily Volatility Based on the Use of Realized Measures”, *Journal of Econometrics,* 150, 119-138, 2009.

B. Awartani, V. Corradi and W. Distaso, “Assessing Market Microstructure Effects via Realized Volatility Measure with an Application to the Dow Jones Industrial Average Stocks”, *Journal of Business Economics and Statistics,* 27, 251-265, 2009.

V. Corradi and E.M. Iglesias, “Bootstrap Refinements for QML Estimators of the GARCH(1,1) Parameters”, *Journal of Econometrics,* 144, 500-510, 2008.

G. Bhardwaj, V. Corradi and N.R. Swanson, “Simulation Based Specification Tests for Diffusion Processes”, *Journal of Business Economics and Statistics,* 26, 176-193, 2008.

V. Corradi and N.R. Swanson, ”Evaluation of Dynamic Stochastic General Equilibrium Models Based on Distributional Comparison of Simulated and Historical Data”, *Journal of Econometrics,* 136, 699-723, 2007.

V. Corradi and N.R. Swanson, "Nonparametric Bootstrap Procedures for Predictive Inference Based on Recursive Estimation Schemes", *International Economic Review,* 48, 67-109, 2007.

V. Corradi and N.R. Swanson, ”Predictive Density Accuracy Tests”, *Journal of Econometrics*, 135, 187-228, 2006.

V. Corradi and N.R. Swanson, ”Bootstrap Conditional Distribution Tests in the Presence of Dynamic Misspecification”, *Journal of Econometrics*, 133, 779-806, 2006.

V. Corradi and W. Distaso, "Semiparametric Comparison of Stochastic Volatility Models via Realized Measures", *Review of Economic Studies,* 73, 635-667, 2006.

V. Corradi and N.R. Swanson, ”The Effects of Data Transformation on Common Cycle, Cointegration and Unit Root Tests: Monte Carlo and a Simple Test”, *Journal of Econometrics*, 132, 195-229, 2006

V. Corradi and N.R. Swanson, ”A Test for Comparing Multiple Misspecified Conditional Intervals”, *Econometric Theory,* 21, 991-1016, 2005.

B.M.A. Awartani and V. Corradi, ”Predicting the Volatility of the S&P-500 Stock Index: the Role of Asymmetries”, *International Journal of Forecasting,* 21, 167-193, 2005.

V. Corradi and N.R. Swanson, "Bootstrap Tests for Diffusion Processes", *Journal of Econometrics,* 124, #1, 117-148, 2005.

V. Corradi and N.R. Swanson, "A Test for the Distributional Comparison of Simulated and Historical Data", *Economics Letters*, 85, 185-193, 2004.

V. Corradi and A. Ianni, "A Simple Locally Interactive Model of Ergodic and Nonergodic Growth", *Topics in Macroeconomics*, 4, #6, 2004.

V. Corradi and N.R. Swanson, "Some Recent Developments in Predictive Accuracy Testing with Nested Models and (Generic) Nonlinear Alternatives", *International Journal of Forecasting*, 20, 185-199, 2004.

F. Altissimo and V. Corradi, "Strong Rules for Detecting the Number of Breaks in a Time Series", *Journal of Econometrics,* 117, p.207-244, 2003.

A. Ianni and V. Corradi, "The Dynamics of Public Opinion under Majority Rules", *Review of Economic Design,* 7, 257-277, 2002.

F. Altissimo and V. Corradi, "Bounds for Inference with Nuisance Parameters Present only under the Alternative", *Econometrics Journal*, 5, 494-518, 2002.

V. Corradi and N.R. Swanson, "A Consistent Test for Out of Sample Nonlinear Predictive Ability", *Journal of Econometrics*, 110, 353-381, 2002.

V. Corradi, N.R. Swanson and C. Olivetti, "Predictive Ability with Cointegrated Variables", *Journal of Econometrics,* 104, 315-358, 2001.

J.C. Chao, V. Corradi and N.R. Swanson, "Data Transformation and Forecasting in Models with Unit Roots and Cointegration", *Annals of Economics and Finance, v.2, 59-76,* 2001.

J.C. Chao, V. Corradi and N.R. Swanson, "An Out of Sample Test for Granger Causality", *Macroeconomic Dynamics,* v.5, #4, 598-620, 2001.

V. Corradi and R. Sarin "Continuous Approximations of Stochastic Evolutionary Game Dynamics", *Journal of Economic Theory,* v.94, p.163-191, 2000. Corrigendum: http://www.nyu.edu/jet/suppl/2596.erratum.pdf

V. Corradi, "Reconsidering the Continuous Time Limit of the GARCH(1,1) Process", *Journal of Econometrics,* v.96, #1, p.145-153, 2000.

V. Corradi, N.R. Swanson and H. White, "Testing for Stationarity-Ergodicity and for Comovements Between Nonlinear Discrete Time Markov Processes", *Journal of Econometrics,* v.96, #1, p.39-73, 2000.

V. Corradi, "Deciding Between $I(0)$ and $I(1)$ via FLIL-based bounds", *Econometric Theory,* v.15, 5, p.643-663, 1999.

V. Corradi and H. White, "Specification Tests for the Variance of a Diffusion", *Journal of Time Series Analysis,* v.20, p.253-270, 1999.

V. Corradi, "Comovements Between Diffusion Processes: Characterization, Estimation and Testing", *Econometric Theory,* 13, 646-666, 1997.

V. Corradi and H. White, "Regularized Neural Networks: Some Convergence Rate Results", v.7, 6, 1225-1244, *Neural Computation,* 1995.

V. Corradi, "Nonlinear Transformation of Integrated Time Series: a Reconsideration", *Journal of Time Series Analysis,* 1995.

L. Bottazzi and V. Corradi, "Analyzing the Risk Premium in the Italian Stock Market: ARCH-M Models versus Nonparametric Models", *Applied Economics,* 23, 535-542, 1991.

V. Corradi, M. Galeotti and R. Rovelli, "A Cointegration Analysis of the Relationship Between Bank Reserves, Deposits and Loans: the Case of Italy 1965-1987", *Journal of Banking and Finance,* 14, 199-214, 1990.

V. Corradi, "A Nonparametric Estimation of the Reaction Function of the Bank of Italy" (in Italian), *Rivista Internazionale di Scienze Economiche e Commerciali,* 36, 963-976, 1989.

Chapters

V. Corradi and N.R. Swanson, A Survey on Recent Advances in Forecast Accuracy Comparison Testing, with an Extension to Stochastic Dominance, in *Causality, Prediction and Specification Analysis: Essays in Honour of Halbert L.White, Jr,* edited by X. Chen and N.R. Swanson, Springer, 2012.

V. Corradi and W. Distaso, Multiple Forecast Model Evaluation*, Oxford Handbook of Forecasting, edited by* M.P. Clements and D.F, Hendry, Oxford University Press, 2011.

V. Corradi and N.R. Swanson, Chapter on "Predictive Density Evaluation" for the *Handbook of Economic Forecasting,* edited by G. Elliott, C.W.J. Granger and A. Timmermann, Elsevier-Nort Holland, 2006.

Book Reviews:

V. Corradi (2002), Asymptotic Theory of Statistical Inference for Time Series, by M. Taniguchi and Y. Kakizawa, *Journal of the American Statistical Association,* 97, 1208-1209.