DOMENICO VISTOCCO

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📍 I-80126 Naples, Italy   in www.linkedin.com/in/domenicovistocco/

CURRENT AND PAST POSITIONS

Associate Professor in Statistics
University of Naples Federico II

📅 December 2018 – Ongoing   📍 Naples, Italy

Associate Professor in Statistics
University of Cassino

📅 December 2012 – December 2018   📍 Cassino (Frosinone), Italy

Assistant Professor in Statistics
University of Cassino

📅 December 2003 – December 2012   📍 Cassino (Frosinone), Italy

Statistical Consultant
Bank of Naples – Asset Management

📅 2002 – 2000   📍 Naples, Italy

Statistical/Computer Consultant
In.Tel.Tec. S.p.A.

📅 2001 – 2000   📍 Naples, Italy

Statistical/Computer Consultant
ODS – Osservatorio Dispersione Scolastica Municipality of Naples

📅 2000 – 1999   📍 Naples, Italy

RESEARCH PROFILE

- I have co–authored 2 books and among 90 papers, chapters, proceedings, post–proceedings, editorials and technical reports on statistical topics (see below for a selection)
- I have participated in several European and national projects on Statistical topics (adaptive learning, computational methods, quantile regression, multivariate methods and visualization, performance indicators, distance learning, data mining, neural networks)
- I have participated in the organization of several international and national conferences (Cladag 2019, Recent Advances in Quantile and M–quantile Regression, Summer Schools in Applied Econometric and in Applied Statistics, Analysis and Modeling of Complex Data in Behavioural and Social Sciences, Winter School in Statistics for Social and Behavioural Sciences, Knemo 2006, International Workshop on Statistical Methods for Performance Analysis, SIS 2003, Neural Networks and Statistical Methods, NTTS 1998, ASMDA 1997)

BOOKS

📖 **Quantile regression: estimation and simulations**
Wiley, Wiley Series in Probability and Statistics
(**2018**, with Furno M.)

📖 **Quantile regression: theory and applications**
Wiley, Wiley Series in Probability and Statistics
(**2013**, with Davino C. and Furno M.)

RESEARCH INTERESTS

Computational Statistics

Exploratory data analysis

Quantile regression   Statistical models

Teaching and applications   Visualization

TECHNICAL SKILLS

Reproducible research   LaTeX

Report writing   Markdown

Statistical graphics   Statistical software

Script writing   R   Matlab   Fortran

Pascal

EDUCATION

PhD in Computational Statistics, University of Naples Federico II

📅 1997 - 2000   📍 Naples, Italy

Thesis on "Propagation algorithms for probabilistic networks"

B.Sc. Economics
University of Naples Federico II

📅 1996   📍 Naples, Italy

Thesis on "Computational Statistics and new technologies: expert systems and neural networks"
Cum Laude

RESEARCH EXPERIENCE ABROAD

Visiting professor at the Faculty of Law, Economics and Business, Martin Luther Universitat, Halle–Wittenberg (Germany).

📅 April 2018

Visiting professor at the Faculty of Law, Economics and Business, Martin Luther Universitat, Halle–Wittenberg (Germany).

📅 December 2016

Visiting professor at the Department of Probability and Statistics, Charles University, Prague (Czech Repubblic).

📅 December 2016

Visiting professor at the Technical University of Liberec (Czech Repubblic), Department of Textile Materials and at the Department of Probability and Statistics, Charles University in Prague (Czech Repubblic)

📅 September–October 2015

Visiting researcher at the Department of Probability and Statistics, Charles University in Prague – supervisor prof. Jaromir Antoch (Czech Repubblic)

📅 November 2003

Visiting student at the Department of Probability and Statistics, Charles University in Prague – supervisor prof. Jaromir Antoch (Czech Repubblic)

📅 June–July 1999

TEACHING EXPERIENCE ABROAD

"Data Analysis with R" (20 hours), Master Program in Economics at the Faculty of Law, Economics and Business, Martin Luther Universitat, Halle–Wittenberg (Germany).

📅 April 2018

"Advanced Linear Models" (20 hours), Master Program in Economics at the Faculty of Law, Economics and Business, Martin Luther Universitat, Halle–Wittenberg (Germany).

📅 December 2016

DECLARATION

I hereby declare that the above mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above mentioned.

📅 Date - 03.03.19   📍 Naples, Italy

COURSES

Current

Statistics for Psychologists

Statistical Inference

Past

Introductory Statistics

Data Analysis with R

Computer Science   GLM

Quantile Regression

Statistics for Social Sciences

Statistical Programming

Specialistic

Teaching Strategies   Coding for Kids

STATISTICAL SOCIETIES

SIS – Società Italiana di Statistica   IASC

ISI (elected member)   CLADAG

Associazione Statistica Applicata

SERVICE TO THE COMMUNITY

- Referee for international and national journals (Agricultural and Food Economics, Behaviormetrika, Computational Statistics, Computational Statistics and Data Analysis, Electronic Journal of Applied Statistical Analysis, Heliyon, The Journal of International Trade & Economic Development, International Journal of Performance Analysis in Sport, Journal of Industrial Textiles, Research in Official Statistics, Social Indicators Research, Statistica Applicata) and for proceedings / post-proceedings of several international and national conferences

- Webmaster/designer for several projects and conferences (IASC, ESS – Emacs Speaks Statistics, Cladag 2019, HeritageBot, JCS–Cladag 2012, Knemo 2006)

MAIN PUBBLICATIONS

[1] **Effects of the exposure to ultrafine particles on heart rate in a healthy population**.
Science of the Total Environment 650, 2403– 2410, **2019**
Rizza V., Stabile L., Vistocco D., Russi A., Pardi S. and Buonanno G.

[2] **Quantile Regression: Estimation and Simulation**.
Wiley: Wiley Series in Probability and Statistics, **2018**.
Furno M., and Vistocco D.

[3] **Modelling drivers of consumers liking handling consumer and product effects**.
Statistica Applicata – Italian Journal of Applied Statistics 30(3), **2018**.
Davino C., Romano R. and Vistocco D.

[4] **Handling heterogeneity in quantile regression**.
Statistics and Its Interface 11(3), 541–556, **2018**.
Davino, C. and Vistocco D.

[5] **Are Consumers Willing to Pay More for a "Made in" Product? An Empirical Investigation on "Made in Italy"**.
SUSTAINABILITY 9, 556–572, **2017**.
Cappelli L., D'Ascenzo F, Rossetti F., Ruggieri R. and Vistocco D.

[6] **The burnt matchstick**.
TEACHING STATISTICS 39, 57–63, **2017**.
Passaretti D. and Vistocco D.

[7] **Exploring Italian students' performances in the SNV test: a quantile regression perspective**.
In: *Classification, (Big) Data Analysis and Statistical Learning*. F. Mola, C. Conversano and M. Vichi (Eds.) Springer, **2017**.
Costanzo A. and Vistocco D.

[8] **DESPOTA: DEndrogram Slicing through a PemutatiOn Test Approach**.
Journal of Classification 32, 285–304, **2015**.
Bruzzese D. and D. Vistocco D.

[9] **Qu Test for Structural Breaks in Quantile Regressions**.
International Journal of Statistics and Probability 2, 42–55, **2013**.
Furno M. and Vistocco D.

[10] **Quantile Regression: Theory and Applications**.
Wiley: Wiley Series in Probability and Statistics, **2013**.
Davino C., Furno M., and Vistocco D.

[11] **Analysis of Mutual Funds' Management Styles: A Modeling, Ranking and Visualizing Approach**.
Journal of Applied Statistics 37, 1825–1845, **2010**.
Conversano C. and Vistocco D.

[12] **Quantile regression for the evaluation of student satisfaction**.
Statistica Applicata 3, **2008**.
Davino C. and Vistocco D.

[13] **On the sources of entrepreneurial talent in Italy: tacit vs. codified knowledge**.
THE ICFAI Journal of Knowledge Management 6, No. 6, 7–28, **2008**.
Ferrante F., Federici D. and Vistocco D.

[14] **On the use of archetypes as benchmarks**.
Applied Stochastic Models in Business and Industry 24, 419–437, **2008**.
Porzio G., Ragozini G. and Vistocco D.

[15] **Huge multidimensional data visualization: back to the virtue of principal coordinates and dendrograms in the new computer age**.
In: *Handbook of Data Visualization*. C. CHEN, W. HARDLE and A. UNWIN (Eds). Vol. III. Springer, pp. 3–44, **2008**.
Palumbo F., Vistocco D. and Morineau A.

[16] **The evaluation of University educational process: a quantile regression approach**.
Statistica 3, 281–292, **2007**.
Davino C. and Vistocco D.

[17] **Comparing Financial Portfolio Style Through Quantile Regression**.
Statistica Applicata 18, 2, 6–16, **2006**.
Attardi L. and Vistocco D.