

Nadia Clavero

Education

Ph.D. in Mathematics

2011–2015

UNIVERSITY OF BARCELONA (SPAIN)

Master in Digital Business Management

Spring 2017

HAVAS MEDIA GROUP AND UNIVERSITY OF SALAMANCA

Master in Advanced and Professional Mathematics

2009–2011

UNIVERSITY OF BARCELONA (SPAIN)

Bachelor of Mathematics

2004–2009

UNIVERSITY OF BARCELONA (SPAIN)

Professional Experience

Data Science Expert

Present

HAVAS MEDIA GROUP

- Bayesian Methods for Media Mix Modeling
- Demonstrated Statistical Analysis Skill
- Develop more efficient modelling tools with Rstudio

Statistical Modeller

11/2020-03/2022

ARTE DE MEDIR, IBERMATICA

- Bayesian Methods for Media Mix Modeling
- Attribution modeling
- Demonstrated Statistical Analysis Skill
- Develop more efficient modelling tools with Rstudio

Statistical Modeller

3/2018-11/2020

ANALYTICS AND INNOVATION & DENTSU AEGIS NETWORK MADRID

- Bayesian Methods for Media Mix Modeling
- Conversation Analysis on Social Networking
- Viral Marketing: Agent-Based Modelling
- Demonstrated Statistical Analysis Skill
- Develop more efficient modelling tools with Rstudio

Junior Analyst

6/2017-3/2018

DATA BUSINESS INTELLIGENCE & HAVAS MEDIA MADRID (SPAIN)

- Marketing Attribution with Google Analytics and Google Analytics 360
- Analyse customer data to identify key insights and trends, as well as to ensure it has been correctly processed
- Evaluate and study clustering techniques

Interdisciplinary research collaboration

Fall 2016

DEPARTMENT OF EXPERIMENTAL AND HEALTH SCIENCES & UNIVERSITAT POMPEU FABRA (SPAIN)

- Collaborated with a multidisciplinary health care team
- Evaluate and study different methods of inferring gene regulatory networks

Postdoctoral researcher

Summer 2016

POLITECHNIC UNIVERSITY OF VALENCIA (SPAIN)

- Managed several projects and collaborations in parallel.

Postdoctoral researcher

Spring 2016

BROWN UNIVERSITY (PROVIDENCE, RI, USA)

- Demonstrated independent thought in analysing problems, adopting suitable strategies and developing new techniques.
- Learned new skills quickly and accurately.

Postdoctoral researcher

Fall 2015

COMPLUTENSE UNIVERSITY OF MADRID (SPAIN)

- Presented research to both technical and non-technical audiences.
- Learned perseverance and self-motivation.

Predoctoral researcher

2011–2015

UNIVERSITY OF BARCELONA (SPAIN)

- Planned work to achieve goals and targets on time.
- Used to seek and critically assess large amounts of information.
- Summarized results for talks, poster presentations, and publication.
- Wrote scientific articles in international peer-reviewed journals, as well as funding application and regular progression reports.

Graduate student researcher

2010–2011

UNIVERSITY OF BARCELONA (SPAIN)

- Developed strong spoken and written communications skills.

Teaching Assistant

2009–2010

UNIVERSITY OF BARCELONA (SPAIN)

- Provided weekly individual instruction and guidance through tutoring.
- Graded student assignments and exams.

Programming Skills

- Meta Certified Marketing Science Professional
- Google Analytics Certification
- Advanced proficiency with programming languages: Matlab, Mathematica, C, Python, Rstudio, SQL
- Proficient in many Microsoft Office packages (Word, Excel etc), and in the use of database packages.

Languages

Spanish, Native.

English, Fluent.

Short-term visits

University of Western Ontario (Canada), Department of Mathematics (Summer 2015).

Karlstad University (Sweden), Department of Mathematics and Computer Science (Spring 2015).

University of Firenze (Italy), Department of Mathematics and Informatics “Ulisse Dini” (Fall 2014).

Charles University in Prague (Czech Republic), Faculty of Mathematics and Physics (Winter 2013).

University of Jena (Germany), Institute of Mathematics of Friedrich-Schiller (Winter 2013).

Publications

- N. Clavero, *Non-linear mixed norm spaces for the Sobolev embeddings in the critical case*, Integral Equations and Operator Theory **84** (2016), no. 2, 267–281.
- N. Clavero, *Optimal Sobolev embeddings in spaces with mixed norm* (Doctoral dissertation). <http://hdl.handle.net/2445/65598>
- N. Clavero and J. Soria, *Mixed norm spaces and rearrangement invariant estimates*, J. Math. Anal. Appl. **419** (2014), no. 2, 878–903. <http://www.sciencedirect.com/science/article/pii/S0022247X14004727>
- N. Clavero and J. Soria, *Integrable cross sections in mixed norm spaces and Sobolev embeddings*, Positivity **20** (2016), 435–466. <http://link.springer.com/article/10.1007/s11117-015-0365-1>
- N. Clavero and J. Soria, *Optimal rearrangement invariant Sobolev embeddings in mixed norm spaces*, J. Geom. Anal. **26** (2016), no. 4, 2930–2954. <http://link.springer.com/article/10.1007/s12220-015-9655-x>

Presentation

- XV Encuentro de Análisis Funcional Murcia-Valencia (Spain), July 2016.
- Politechnic University of Valencia (Spain), June 2016.
- Brown University (Providence, USA), March 2016.
- Autonomous University of Madrid (Spain), October 2015.
- Carlos III University of Madrid (Spain), October 2015.
- X Research Meeting on Approximation Theory, E.I.T.A. 2015 (Daroca, Spain), October 2015.
- Complutense University of Madrid (Spain), October 2015.
- University of Western Ontario (Canada), June 2015.
- Workshop on Function spaces, Harmonic Analysis and Related Topics (Karlstad, Sweden), April 2015.
- Institute of Analysis Gottfried Wilhelm Leibniz Universität (Hannover, Germany), March 2015.
- XI Encuentro de la Red de Análisis Funcional y Aplicaciones (Madrid, Spain), March 2015.
- University of Firenze (Italy), November 2014.
- VI International Course of Mathematical Analysis in Andalucía (Málaga, Spain), September 2014.
- Analysis Seminar UAB-UB (Barcelona, Spain), June 2014.
- Charles University in Prague (Czech Republic), December 2013.
- Institute of Mathematics of Friedrich-Schiller, University of Jena (Germany), December 2013.
- International Conference: Fourier Analysis and Approximation Theory (Bazaletti, Georgia), October 2013.
- Young Researchers Conference, Royal Spanish Mathematical Society (Sevilla, Spain), September 2013.
- XIV Encuentro de Análisis Real y Complejo (Teruel, Spain), May 2013.