



MARIA IGNACIA VICUÑA  
[mivicuna@uc.cl](mailto:mivicuna@uc.cl)

## I. EDUCATION

- Ph.D. in Statistics, Pontificia Universidad Católica de Chile 2011 - 2015
- M.Sc. in Statistics, Professional Statiscal Degree PUC 2009 - 2010
- Bachelor Degree in Mathematics, PUC 2004 - 2008

## II. ACADEMIC POSITIONS

- Adjunct Assistant Professor, School of Business Administration, PUC 2015 - Present
- Professor for the Bachelor's Degree in Statistics PUC 2012 - 2013
- Professor, Engineering Department, Universidad Adolfo Ibáñez. 2010 - 2012

## III. AREA OF SPECIALIZATION AND MAIN COURSES

- Area: Statistics
- Main Courses: Probabilidad y Estadística, Inferencia Estadística, Métodos Cuantitativos

## IV. RESEARCH

### 1. Recent Publications

- Vicuña, M.I., Palma, W. & Olea, R. (2019). Minimum distance estimation of locally stationary moving average processes. *Computational Statistics & Data Analysis*, 140:1-20. (WoS)

### 2. Working Papers

- "A model to measure agreement between an integer valued instrument and multiple evaluations with an ordered categorical instrument"

## V. SELECTED SCIENTIFIC PRESENTATIONS

- XI Latin American Congress of Statistics Societies  
Title: "Estimador de Mínima Distancia para Procesos Localmente Estacionarios"  
(Part of Doctoral thesis) Oct 2014
- Internship at Universidad de Supelec, Paris, Francia.  
Research with con Pascal Bondon, regarding ARFIMA models Locally Stationary  
with structural changes in the long term memory parameters. Feb 2013



## VI. CONSULTING EXPERIENCE

- MINEDUC (Ministry of Education) 2012 – 2014
- Central Bank of Chile 2012
- National Health Survey

## VII. GRANTS AND AWARDS

- National Conicyt Scholarship for PhD Studies 2011 - 2015
- Maximum Grade Distinction, PhD in Statistics 2015
- Maximum Grade Distinction, Master in Statistics 2010
- National Conicyt Scholarship for Master Studies 2009 - 2010
- Faculty of Mathematics Scholarship
- Graduated 2nd of 36 students, Bachelor Degree in Mathematics
- Graduated in 1st place, Master in Statistics