

Sebastián Martínez

<https://smartinez.co>
mail@smartinez.co

EDUCATION

UNIVERSITY OF GLASGOW

PH.D. POLITICS

October 2017 - Expected 2021

| Glasgow, Scotland

Topic: Network Analysis for Public Health

HERTIE SCHOOL OF GOVERNANCE

MASTER IN PUBLIC POLICY

September 2014 - June 2016 |

Berlin, Germany

Concentration: Policy Analysis

Thesis title: "The relation between urban development and reported property crime: the case of Berlin"

UNIVERSIDAD DE LOS ANDES

M.A. ECONOMICS

September 2011 - June 2014 |

Bogotá, Colombia

Concentration: Macroeconometrics

Thesis title: "Uncertainty Shocks in Colombia: Characterization and Effect through DSGE models"

B.SC. MATHEMATICS

September 2005 - September 2011 |

Bogotá, Colombia

Concentration: Stochastic Processes

Thesis title: "Dynamical Systems and Fractal Market Analysis"

B.A. ECONOMICS

September 2005 - September 2011 |

Bogotá, Colombia

Concentration: International Economics

SKILLS

PROGRAMMING

Advanced

R • Stata • ~~TeX~~ • Matlab/Octave

Python

Basic

C • C++ • Java

Familiar:

Maple • Mathematica

LANGUAGES

Spanish

Native

English

Professional Proficiency

Portuguese

Basic

German

Basic

WORK EXPERIENCE

OPEN CONSULTANTS | ASSOCIATE

March 2018 - current | Berlin, Germany

SEEK DEVELOPMENT | CONSULTANT

January 2016 - August 2017 | Berlin, Germany

INTERNATIONAL LABOR ORGANIZATION | CONSULTANT

August 2013 - May 2014 | Bogotá Colombia

RESEARCH EXPERIENCE

GERMAN INSTITUTE FOR ECONOMIC RESEARCH |

RESEARCH ASSISTANT

April 2015 - July 2015 | Berlin, Germany

FEDESARROLLO - FUNDACIÓN PARA LA EDUCACIÓN Y EL DESARROLLO | RESEARCH ASSISTANT

October 2011-October 2014 | Bogotá Colombia

PUBLICATIONS

REFEREED

- "The Effect of Education on Mortality: Its Magnitude and Its Value." (2016) with E. Pradhan, E. M. Suzuki, M. Schäferhoff, and D. T. Jamison. In Disease Control Priorities (third edition): Volume 8, Child and Adolescent Health and Development, edited by D. Bundy, N. de Silva, S.E. Horton, D. Jamison, and G. Patton, ch. 30. Washington, DC: World Bank. [link](#)
- "Pricing Stocks with Yardsticks and Sentiments" (2012), with J. Vitting-Andersen, M. Miniconi, A. Nowak, M. Roszczynska-Kurasinska, and D. Bree. Algorithmic Finance (2012), 1:2, 183-190. [link](#)
- "Price-Quakes Shaking the World's Stock Exchanges" (2011) with J. Vitting-Andersen, A. Nowak, G. Rotundo, and L. Parrott. PLoS ONE 6(11): e26472. doi:10.1371/journal.pone.0026472. [link](#)

NON-REFEREED

- "Estimating the Economic Returns of Education from a Health Perspective." (2016) with M. Schäferhoff, D. T. Jamison, E. Pradhan and E. M. Suzuki. Background paper for "The International Commission on Financing Global Education Opportunity" Report. [link](#)
- "100 years of housing policies in Colombia" (2014). Ministerio de Vivienda, Ciudad y Territorio para el Séptimo Foro Urbano Mundial. [link](#)
- "Regional Dynamics: Oil Goods and Services in Colombia" (2012) with F. Castro, L.A. Zuleta, J. F. Alandette and M. Fonseca. Cuadernos de Fedesarrollo No. 41. [link](#)