

George G. Vega Yon

Mobile +1 (626) 381 8171
e-mail gvegayon@caltech.edu
website <http://www.its.caltech.edu/~gvegayon>
Code <https://github.com/gvegayon>
<https://bitbucket.org/gvegayon>

Education

M.Sc. in Social Sciences California Institute of Technology (expected sep 2015)
Master in Economics and Public Policy, Adolfo Ibáñez University (2011)
BS. in Business Administration, Adolfo Ibáñez University (2010)
BS. in Social Sciences, Adolfo Ibáñez University (2010)

Professional Experience

Chilean Pension Supervisor, 2011–2014 Research Division *Analyst*. Statistical and econometric analysis on the Chilean unemployment insurance, statistical software development, serving as a bridge between the IT and Research divisions.

Nodos Chile Social Network Analysis Ltda., 2012–2014 *Partner*. Founding partner of one of the first applied SNA Consultancy Entrepreneurship in Chile.

Adolfo Ibáñez University, 2011–2012. School of Government *Adjunct Professor* of Economics and Statistical Computing (2012). Taught Introductory courses of Economics, Microeconomics and Statistical computing with Stata.

Chilean Ministry of Social Planning, 2011. Social Programs Monitoring *Analyst*. Survey and Analysis of the Government social programs supply and supporting the Monitoring Division with the Open-Data Initiative.

Software

Stata (and Mata), R, \LaTeX , SQL, XML, regex, C++ (with R through Rcpp), VB, Gephi, Pajek, Mathematica, MS Access, MS Excel, git, unix,

Research

Publications and Work in progress

Fábrega, J., & **Vega, G.** (2013) The impact of television rating over twitter activity: Evidence for Chile based on the Teleton 2012. In *Cuadernos.info*, 33. doi:10.7764/cdi.33.533.

Repetto, A., & **Vega, G.** (2013). The impact of increasing retirement payroll-tax: Pensions, Salaries and Employment. In *Centro de Políticas Laborales*, Adolfo Ibáñez University.

Fábrega, J., Paredes, P., & **Vega, G.** (2013). Exploratory Analysis of Television Audience in Twitter. In *Informe Anatel 2013, chapter 5*, National Television Asociation (ANATEL).

Quintanilla, X., Poblete, I., & **Vega, G.** (2013). Actuarial Analysis on the Unemployment Insurance Funds. In *Working Paper N 56, Chilean Pension Supervisor*.

Vega, G. (2013). Unitary Needed Capital (CNU): Computing and Introducing Stata module *cnu*. In *Technical Notes, Chilean Pension Supervisor*.

Selected Software

Rau, T., **Vega, G.** & Espinoza, D. “blopmatching: Implementing a New Matching Estimator based on a Bi-Level Optimization Problem”, (2014). Developed for Diaz, Rau and Rivera (RESTAT, 2015)

Vega, G., & Muñoz, E. (2013). ABCoptim: An Implementation of the Artificial Bee Colony (ABC) Optimization algorithm. In *The Comprehensive R Archive Network*.

Vega, G. (2012). PARALLEL: Stata module for Parallel Computing. In *Statistical Software Components, Boston College Department of Economics*.

Vega, G., Fábrega, J., & Kunst, J. (2012). rgexf: An R package to build gexf graph files. In *The Comprehensive R Archive Network*.

Vega, G., & Fajnzylber, E. (in development). NNMATCH2: A faster implementation of the Nearest Neighbour Matching Estimator.

Vega, G. (2012). googlePublicData: An R package to build Google’s Public Data Explorer DSPL Metadata files, In *The Comprehensive R Archive Network*.

Honors and Professional Achievements

Book reviewer “Microeconometrics and Matlab: An Introduction”, by Adams, Clarke and Quinn, Oxford University Press, Forthcoming 2015.

Book reviewer “Mastering Gephi Network Visualization”, by Ken Cherven, Packt Publishing, 2015.

Fellowship California Institute of Technology, for Ph.D. Programme in Social Sciences.

Ad hoc reviewer (parallel computing) of the Official Journal of The Society for Computational Economics (January 2013).

Book reviewer “Network Graph Analysis and Visualization with Gephi”, by Ken Cherven, Packt Publishing, 2013.

Founder of the R Users Group in Chile Starting in January 2013.

Director and co-founder of the Project “Educación Joven”, 2008–2009. A program in remedial education dedicated to assist low income students on reaching Higher Education.