R.ANDRÉS CASTAÑEDA AGUILAR

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PROFILE

I am a Senior Economist/Data Scientist with over fifteen years of experience specializing in poverty analysis, income distribution, inequality of opportunities, development economics, and conflict economics. Throughout my career, I have demonstrated expertise in analyzing complex economic data and generating valuable insights for policy-making and decision-making processes. I have actively engaged in country dialogues, collaborating with government officials and academic organizations to develop sustainable solutions and promote economic development. I have also been extensively involved in capacity building initiatives, mentoring, and coordinating large teams to enhance their skills and knowledge in economic analysis. I am recognized for my strong programming skills, which enable me to manipulate and analyze large datasets efficiently to develop innovative and efficient procedural systems that contribute to streamlined processes and improved decision-making. Overall, I am a dedicated and accomplished professional who possesses a unique blend of expertise in development economics and data science, with a proven ability to lead and deliver results.

EXPERIENCE

The World Bank

Senior Economist - Development Economics, Data Group	Nov 2024 - present
Economist - Development Economics, Data Group	Apr 2019 - Oct 2024
Data Scientist - Poverty and Equity GP	Jan 2018 - Apr 2019
Research Analyst/Team Leader - Poverty and Equity GP	Sept 2013 - Dec 2017
ET Consultant - LCR Sector Unit	Aug 2011-Aug 2013
ST Consultant - LCR Sector Unit	Feb - Aug 2011

National Administrative Department of Statistics

Research fellow - department of socioeconomic measurement	Feb 2010-Jan 2011

Universidad del Rosario

Junior Researcher - Department of Economics	Feb 2009-Feb 2010

EDUCATION

Universidad del Rosario — Bogotá-Colombia

MSc in Economics (Award-wining Thesis)	2010
BSc in Economics	2009
BSc in Finance and International Trade	2012

Biola University — California-USA

M.A. in Apologetics/philosophy	2018

TECHNICAL STRENGTHS

Statistical package	Stata/MATA, R
Software & Tools	VBA, LaTeX, GIT (GitHub), Zotero
Production software	Tableau, Markdown, Shiny

PUBLICATIONS

Mahler, D. G., Castañeda Aguilar, R., and Newhouse, D. (2022). Nowcasting Global Poverty. *The World Bank Economic Review*, 36(4):835–856. link

Castaneda, R. A., Gasparini, L., Garriga, S., Lucchetti, L., and Valderrama, D. (2018). How sensitive is regional poverty measurement in Latin America to the value of the poverty line? *Economia*, 19(1):33–58. link

Castañeda, A., Doan, D., Newhouse, D., Nguyen, M. C., Uematsu, H., and Azevedo, J. P. (2018). A New Profile of the Global Poor. *World Development*, 101(Supplement C):250–267. link

Castañeda, A. and Vargas, J. F. (2012). Sovereign risk and armed conflict: an event-study for colombia. *Defence and Peace Economics*, 23(2):185–201. link

Atuesta, B. and Castañeda, A. (2011). Principales Metodologías de Medidas de Líneas de Pobreza Absoluta Usando Ingreso. *Revista de la Información Básica Estadística*, 1(1). link

CHAPTERS IN BOOKS

Lopez-Calva, L. F., Lustig, N., Scott, J., and Castaneda, R. (2018). Gasto social, redistribución del ingreso y reducción de la pobreza en México: Evolución y comparación con Argentina, Brasil y Uruguay. In Soloaga, I., Rodríguez-Oreggia, E., and de la Torre, R., editors, *Political Social En México 2000-2012*. 1 edition

Castañeda, A. and Vargas, J. F. (2014). Hitos del conflicto y riesgo país. In Arias, M. A., Camacho, A., Ibáñez, A. M., Mejía, D., and Rodríguez, C., editors, *Costos económicos y sociales del conflicto en Colombia*, ¿Cómo construir un posconflicto sostenible?, pages 93–116. Universidad de Los Andes, Colombia, 1 edition. Link

WORKING PAPERS AND OTHER PUBLICATIONS

Castaneda Aguilar, R., Cojocaru, A., Howton, E., Lakner, C., Nguyen, M. C., Schoch, M., Yang, J., and Yonzan, N. Poverty and Shared Prosperity 2020 : Reversals of Fortune.link

Calvo-Gonzalez, O., Caruso, G. D., Castaneda-Aguilar, R. A., and Malasquez, E. A. (2020). What do 50 Years of Census Records and Household Survey Data Tell us about Human Opportunities and Welfare in Latin America?.link

Calvo-González, O., Castañeda, R. A., Farfán, M. G., Reyes, G., and Sousa, L. D. (2017). How is the Slowdown Affecting Households in Latin America and the Caribbean?.link

Caruso, G., Lucchetti, L., Malasquez, E., Scot, T., and Castaneda, R. A. (2017). But . . . What is the Poverty Rate Today? Working Paper, World Bank, Washington, DC. link

R.Andres Castañeda, editor (2014). *Poverty and inequality measures in practice: A basic reference guide with Stata examples*. World Bank, Washington, D.C. Link (requires intranet)

Baez, J. E., Lopez-Calva, L. F., Castaneda, A., and Sharman, A. (2014). When prosperity is not shared: the weak links between growth and equity in the Dominican Republic. Technical Report 85760, The World Bank. link

Castaneda, R. A., Diaz-Bonilla, C., Atuesta, B., Azevedo, J. P., and Davalos, M. E. (2013). Fifteen years of inequality in Latin America : how have labor markets helped ? Technical Report WPS6384, The World Bank. link

OPEN SOURCE SOFTWARE DEVELOPMENT

Castañeda, R. and Cecchinato, G. (2025). MYRROR: Compare two data frames and summarize differences in R link

Castañeda, R. and Clarke, D. (2025). {CACHEIT}: A Stata program to cache all other stata commands link

Castañeda, R. A. (2023). STAMP: R package to monitor changes in frames and lists link

Castaneda, R., Eilersten, A., Fujs, T., and Shah, R. (2023). PIPR: R module to access World Bank's Global Poverty and Inequality data link

Castaneda, R. (2023). PIP: Stata module to access World Bank's Global Poverty and Inequality data link

Castaneda, R., Eilersten, A., Fujs, T., and Shah, R. (2022a). PIPAPI: R package of api for the poverty and inequality platform link

Castaneda, R., Eilersten, A., Fujs, T., and Shah, R. (2022b). WBPIP: R package of the official methodological stats of pip link

Castañeda, R. A. (2021). JOYN: R package to merge data frames link

Castañeda, R. A. (2020). TIMECONVERT: Stata module to convert and synchronize time zones link

Castaneda Aguilar, R. (2019). POVCALNET: Stata client to the Povcalnet API link

Castañeda, A. and Garriga, S. (2016). DO2SCREEN: Stata module to display do-files in result window link

Castañeda, A. and Garriga, S. (2015). MAKEDDI: Stata module to improve the quality and efficiency of meta-data documentation production link

Castaneda, A. (2015). DOTEMPLATE: Stata module to creates templates for do-files link

Castaneda, A. (2014). BACKUP: Stata module to make daily backup of important files (Windows only) link

Atuesta, B., Azevedo, J. P., Castaneda, A., and Sanfelice, V. (2012). SKDECOMP: Stata module to estimate Shapley value of growth, price, and distribution components on changes in poverty indicators link

Azevedo, J. P., Castaneda, A., and Sanfelice, V. (2012). DRDECOMP: Stata module to estimate Shapley value of growth and distribution components of changes in poverty indicators link

LANGUAGES

Spanish (Native), English (fluent).

MEDIA

GitHub	github.com/randrescastaneda
LnkedIn	in/randrescastaneda
Google Scholar	sg/randrescastaneda

August, 2025

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