

## Iván Gutiérrez Martínez

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PROFILE	I am a PhD student in Statistics at the Pontificia Universidad Católica de Chile. My current research focuses on flexible hypothesis tests based on Bayesian nonparametric (BNP) models. I am also interested in the efficient implementation of new imputation methodologies based on large-scale convex optimization problems.
CONTACT INFORMATION	Email: <a href="mailto:isgutierrez@mat.uc.cl">isgutierrez@mat.uc.cl</a> Phone: (+56) 9 4660 1263
EXPERIENCE	Quantitative Analyst. Observatorio Laboral Nacional (National Labor Observatory), SENCE (National Training and Employment Service) [2016-2017].
EDUCATION	<ul style="list-style-type: none"><li>• <b>Ph.D.(c) in Statistics, 2021 (expected)</b> Pontificia Universidad Católica de Chile.</li><li>• <b>M.A. in Economics, 2017</b>, Universidad de Chile.</li><li>• <b>B.A. in Business and Economics, 2014</b>, Universidad de Chile.</li></ul>
COMPUTER SKILLS	<ul style="list-style-type: none"><li>• (Advanced) Julia, <math>\LaTeX</math>, MATLAB, Stata/Mata and R, including the tidyverse, Shiny and R Markdown (blogdown, bookdown, etc.).</li><li>• (Intermediate) Linux, Git/GitHub/GitHub Actions, Docker, C/C++, MS Office, Eviews, SQL, Python, Google Cloud Platform (Compute Engine and Storage).</li></ul>
LANGUAGES	<ul style="list-style-type: none"><li>• Spanish (Mother tongue).</li><li>• English (Intermediate).</li></ul>
GRANTS	<ol style="list-style-type: none"><li>1. COVID0248 Estudio epidemiológico observacional para evaluar el efecto de medidas de control gubernamentales sobre la dinámica espacio-temporal de COVID-19 en Chile. Technical Staff.</li></ol>
REFEREED JOURNAL PUBLICATIONS	<ol style="list-style-type: none"><li>1. Díaz, J. D., Gutiérrez, I., &amp; Rivera, J. (2021). Implementing blobmatching in Stata. <i>The Stata Journal: Promoting Communications on Statistics and Stata</i>, 21(1), 180–194. <a href="https://doi.org/10.1177/1536867x211000021">https://doi.org/10.1177/1536867x211000021</a></li></ol>
MANUSCRIPTS IN PREPARATION OR UNDER REVIEW	<ol style="list-style-type: none"><li>1. Gutiérrez, I., Alvares, D., Gutiérrez, L. A new flexible Bayesian hypothesis test for multivariate data. In Preparation</li></ol>
SCHOLARSHIPS	<ul style="list-style-type: none"><li>• CONICYT (National Commission for Scientific and Technological Research), scholarship for Ph.D. studies in Chile. 2020–2021</li></ul>