

**Ana Cristina Gómez Ugarte Valerio**

Rostock, Germany

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**Interests**

I am passionate about demography and its intersection with the evaluation of public policy using statistical tools.

**Personal information**Date of birth: March 8<sup>th</sup> 1993

Age: 29

Marital status: Domestic partnership

CURP: GOVA930308MDFMLN05

**Education**Master's in Demography

Start date: August 2018

End date: June 2020

Institution: El Colegio de México

Thesis name: "Demographic analysis of inequality in Mortality in Mexico 1990-2018".

The main objective of the thesis was to analyse lifespan inequality in Mexico between population subgroups segmented by socioeconomic position using three different variables: educational attainment, occupation, and access to social security institutions. This was achieved using decomposition techniques for life expectancy and lifespan inequality measures.

Specialization in Applied statistics

Start date: August 2017

End date: June 2018

Institution: IIMAS, UNAM

Bachelor's in Actuarial science

Start date: August 2011

End date: December 2015

Institution: Universidad Nacional Autónoma de México (UNAM)

Thesis name: "Analysis and simulation of the Markov-modulated risk model with diffusion".

The analysis consisted of the simulation of the Markov modulated risk model and the evaluation of its performance to evaluate the risk of an insurance company.

Academic exchange: La Trobe University

Start date: March 2015

End date: July 2015

Australia

**Work experience**

Company: Investigación en Salud y Demografía (INSAD)

Start date: June 2020

Consultant



End date: February 2022

I worked as an external consultant in a project about population projections. I contributed with the estimation of mortality, fertility and migration rates from vital statistics, censuses and national surveys.

### Scholarly publications

None

### Skills

- R: Advanced
- Stata: Intermediate
- Software Office: Advanced
- Data bases with SQL: Intermediate

### Languages

- English: Advanced (CPE Cambridge, TOEFL IBT: 107)