



# Leyla Núñez Castillo

STATISTICIAN  
Skeplanda, Sweden

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“There are no shortcuts to any place worth going.”

— Beverly Sills

## Work Experience

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### **IQVIA, Global Database Studies, Real World Solutions**

Gothenburg, Sweden

BIostatistician 2

January 2019 - Present

- Have the responsibility to perform assigned statistics' tasks, including:
  - Planning, conducting, reviewing and reporting of statistical analyses.
  - Preparing and reviewing study documentation associated with statistical analyses, e.g. Study Protocol, Statistical Analysis Plan, Study Report and Publications.
  - Planning data collection together with other relevant parties and reviewing applicable documentation from a statistical perspective.
- Co-operate with study team members on study aspects related to statistics.
- Serve as statistical contact with clients.
- Prepare and hold trainings related to statistics.

### **StatFinn & EPID Research**

Gothenburg, Sweden

SENIOR BIostatistician

July 2018 - December 2018

- Responsible for the following stages: feasibility study, study planning, statistical analysis plan writing, protocol writing, study permit processes, report writing and publication.
- Act as a statistics' lead in assigned project teams.
- Serve as statistical contact with clients.

### **Regional Cancer Center (RCC) West**

Gothenburg, Sweden

STATISTICIAN

May 2008 - June 2018

- Extract, convert and merge data from a wide variety of sources.
- Perform data preparation activities, such as extracting, cleaning and modelling data.
- Planning and conducting statistical analysis.
- Contribute to the writing and editing of reports and presenting them to the relevant parties.
- Contribute to the writing of publications in collaboration with others.

## Education

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### **University of Gothenburg**

Gothenburg, Sweden

MASTER OF SCIENCE DEGREE IN MATHEMATICAL STATISTICS

Spring 2002

- Master Thesis: “Sample Size Determination in Affected Sib-Pairs Studies” at AstraZeneca R&D, Mölndal.
- Supervisor: Ziad Taib and Olof Bengtsson.

## Courses

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### **DataCamp**

Online

INTERACTIVE COURSES AND SKILL TRACKS

Autumn, 2021

- Generalized Linear Models in R
- Hierarchical and Mixed Effects Models in R
- Experimental Design in R
- Dealing With Missing Data in R
- Handling Missing Data with Imputations in R
- Analyzing Survey Data in R
- Survey and Measurement Development in R
- Big Data with R

### **The 2021 NorPEN meeting**

Online

PRE-CONFERENCE COURSE

November 10, 2021

- A general overview of G methods in relation to pharmacoepidemiology

## EdX.org

A COURSE OF STUDY OFFERED BY HARVARDX, AN ONLINE LEARNING INITIATIVE OF HARVARD UNIVERSITY

- PH559x: Causal Diagrams: Draw Your Assumptions Before Your Conclusions

Online

May 17, 2021

## Coursera.org

IMPERIAL COLLEGE LONDON

- Measuring Disease in Epidemiology

Online

August 26, 2019

## The 2019 NorPEN meeting

PRE-CONFERENCE COURSE

- Missing data
- Estimation of prescription durations based on the parametric Waiting Time Distribution

Aarhus, Denmark

November 14, 2019

## Coursera.org

UNIVERSITY OF PENNSYLVANIA

- A Crash Course in Causality: Inferring Causal Effects from Observational Data

Online

August 15, 2019

## DataCamp

INTERACTIVE COURSES AND SKILL TRACKS

- Introduction to Git for Data Science

Online

May, 2019

## DataCamp

INTERACTIVE COURSES AND SKILL TRACKS

- Text Mining with R
- Intro to Statistics with R
- Data Manipulation with R
- Tidyverse Fundamentals with R
- Importing & Cleaning Data with R
- R Programmer

Online

Spring, 2018

## Attendance

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### The 2019 Nordic PharmacoEpidemiological Networ (NorPEN) meeting

NORDIC PHARMACOEPIDEMIOLOGICAL NETWORK

### 3rd Nordic conference on Real World Data

COLLABORATION BETWEEN THE PHARMA INDUSTRY AND ACADEMIA. THE CONFERENCE IS SUPPORTED BY THE NORDIC TRIAL ALLIANCE (NTA)

### ANCR Symposium 2018

THE ASSOCIATION OF THE NORDIC CANCER REGISTRIES (ANCR)

Aarhus, Denmark

14-15 November, 2019

Helsinki, Finland

28-29 November, 2018

Hella, Iceland

12-14 June, 2018

## Presentations

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### GloDaSt Scientific Forum (GSF)

IQVIA, INTERNAL

- Confound(er)ing is the 'new' black

Online

November 16, 2021

## Publications

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1. Liedberg, F., Holmberg, E., Holmang, S., Ljungberg, B., Malmstrom, P.-U., Månsson, W., Nunez, L., Wessman, C., Wijkstrom, H., & Jahnsen, S. (2012). Long-term follow-up after radical cystectomy with emphasis on complications and reoperations: A swedish population-based survey. *Scandinavian Journal of Urology*, 46(1), 14–18. <https://doi.org/10.3109/00365599.2011.609835>
2. Strandhagen, E., Berg, C., Lissner, L., Nunez, L., Rosengren, A., Torén, K., & Thelle, D. S. (2010). Selection bias in a population survey with registry linkage: Potential effect on socioeconomic gradient in cardiovascular risk. *European Journal of Epidemiology*, 25(3), 163–172. <http://www.jstor.org/stable/40602565>
3. Aminoff, A., Ledmyr, H., Thulin, P., Lundell, K., Nunez, L., Strandhagen, E., Murphy, C., Lidberg, U., Westerberga, J., Franco-Cereceda, A., Liska, J., Nielsen, L. B., Gafvels, M., Mannila Maria, N., Hamsten, A., Yki-Jarvinen, H., Thelle, D., Eriksson, P., Boren, J., & Ehrenborg, E. (2010). Allele-specific regulation of MTTP expression influences the risk of ischemic heart disease. *Journal of Lipid Research*, 51(1), 103–111. <https://doi.org/10.1194/jlr.M900195-JLR200>

- Eeg-Olofsson, K., Cederholm, J., M Nilsson, P., Zethelius, B., Nunez, L., Gudbjörnsdóttir, S., & Eliasson, B. (2009). Risk of cardiovascular disease and mortality in overweight and obese patients with type 2 diabetes: An observational study in 13,087 patients. *Diabetologia*, 52(1), 65–73. <https://doi.org/10.1007/s00125-008-1190-x>

## Additional information

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### PERSONAL INFORMATION

Nationality	Swedish
Date of Birth	15th December 1973
Place of Birth	Santiago, Chile
Marital Status	Single mother, two children age 11 and 19
Spoken Languages	English, Swedish, Russian, Spanish (mother tongue)
Driving License	Yes

### TECHNICAL SKILLS

Coding Languages	Software	Markup Languages
R, SPSS, SAS, SQL	GitHub, GitLab	LaTeX, RMarkdown, Sweave

## References

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References will be provided upon request.