

PABLO VIVAS CORRALES

University of Costa Rica, Department of Statistics

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EDUCATION

MA ^{α} , University of Minnesota, Educational Psychology (Quantitative methods in education, Statistics Education track). Advisors: Dr. Andrew Zieffler & Dr. Chelsey Legacy	2023
MA ^{α} , University of Costa Rica, Statistics. Advisor: Dr. Gilbert Brenes	2023
BS, University of Costa Rica, Statistics	2018

TEACHING EXPERIENCE

University of Minnesota,

EPHY-3264: Basic and Applied Statistics [Fall '23, Spring '23 ^{β}]

University of Costa Rica

XS-3310: Theory of Statistics [Spring '22]

XS-2330: Continuous Probabilistic Models [Fall '22]

XS-1130: Introduction to Statistics II [Fall: '22, '21, '20, '18 ^{β} , '17 ^{β} , Summer: '20, '21]

XS-1110: Introduction to Statistics I [Spring: '22, '21, '20, '17 ^{β} , '16 ^{β}]

XS-0342: Statistics for Social Sciences II [Fall: '19 ^{β} , '18 ^{β} , Spring: '19 ^{β} , '18 ^{β}]

XS-0341: Statistics for Social Sciences I [Fall: '19 ^{β} , '18 ^{β} , Spring: '19 ^{β} , '18 ^{β}]

XS-0235: Fundamentals of Biostatistics [Spring '22]

XS-0217: General Statistics I [Summer '19 ^{β}]

XS-0215: Biostatistics [Fall '20, Spring '20]

FUNDEPOS University

PES-01: Principles of Statistics [Spring '19]

MANUSCRIPTS IN REVIEW/PREPARATION

Vivas, P., Miranda, A. & Rodriguez, M.C. (in preparation). Associations between Developmental Supports and College Aspirations of Latino Students.

Legacy, C., Le, L., Zieffler, A., Fry, E. & Vivas, P. (under review for resubmission). The Teaching of Introductory Statistics: Results of a National Survey. *Journal of Statistics and Data Science Education*.

Gómez, M. & Vivas, P. (under review). Exploraciones sobre el constructo competencia global en la muestra costarricense de PISA: Un estudio con modelos de ecuaciones estructurales (SEM).

Vivas, P. (under review). Análisis espacial del dengue en Costa Rica.

Vivas, P. (under review). Uso de t-sne para la visualización de datos agrupados en Ciencias Sociales.

α : Ongoing

β : Teaching Assistant

CONFERENCE PRESENTATIONS

5. Vivas, P., Legacy, C., Le, L., Zieffler, A., & Fry, E. (2023, June). Statistics Teaching Inventory: Exploring the alignment of introductory statistics instructors' teaching and assessment practices to professional recommendations. Poster presented at the Research Satellite of the United States Conference on Teaching Statistics, State College, PA.
4. Vivas, P & Vega, F. (2019, April). Data Visualization. Paper presented at the Academic Symposium for Statistics Majors, University of Costa Rica, Costa Rica.
3. Vivas, P. (2018, November). Depression in Costa Rican elderly. Paper presented at II Colombian Congress of Statistics, Colombia.
2. Ye, C., Benavides, F., Vivas, P., Miranda, L., Martínez, A. & Flores, S. (2018, November). Illicit drugs: perception of their access in Costa Rican population. Paper presented at II Colombian Congress of Statistics, Colombia.
1. Garro, C., Ramírez, W., Flores, A. & Vivas, P. (2018, April). Evaluation of the isolation of entomopathogenic fungi in *Alphis Citricidus*. Paper presented at Academic Symposium for Statistics Majors, University of Costa Rica, Costa Rica.

INVITED TALKS

2. Vivas, P. (2022, May). Randomized Clinical Trials. Neuroscience Research Lab. Hospital Mexico de Costa Rica, Costa Rica.
1. Vivas, P. (2022, January). How to read and critique scientific research articles. Neuroscience Research Lab. Hospital Mexico de Costa Rica, Costa Rica.

HONORS AND AWARDS

Fulbright-LASPAU scholarship 2022

SERVICE

Country Coordinator: International Statistical Literacy Project (ISLP) 2023

Journal Reviewer: Journal of Statistics and Data Science Education 2023

Journal Reviewer: Statistics Education Research Journal 2023

Zieffler, A., & Catalysts for Change. (2022). Pensamiento Estadístico: Un Enfoque de Simulación para Modelar la Incertidumbre (4.3rd ed., P. Vivas Corrales & V.N.V. Rao, Trans.). Minneapolis, MN: Catalyst Press. 2022
<http://RaoVNV.github.io/pensamiento-estadistico/>