

## PABLO VIVAS CORRALES

University of Costa Rica, Department of Statistics

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### EDUCATION

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MA <sup><math>\alpha</math></sup> , University of Minnesota, Educational Psychology (Quantitative methods in education, Statistics Education track). Advisors: Dr. Andrew Zieffler & Dr. Chelsey Legacy	2023
MA <sup><math>\alpha</math></sup> , University of Costa Rica, Statistics. Advisor: Dr. Gilbert Brenes	2023
BS, University of Costa Rica, Statistics	2018

### TEACHING EXPERIENCE

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University of Minnesota,  
EPSY-3264: Basic and Applied Statistics [Fall '23, Spring '23 <sup>$\beta$</sup> ]

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 <sup>$\beta$</sup> , '17 <sup>$\beta$</sup> , Summer: '20, '21]  
XS-1110: Introduction to Statistics I [Spring: '22, '21, '20, '17 <sup>$\beta$</sup> , '16 <sup>$\beta$</sup> ]  
XS-0342: Statistics for Social Sciences II [Fall: '19 <sup>$\beta$</sup> , '18 <sup>$\beta$</sup> , Spring: '19 <sup>$\beta$</sup> , '18 <sup>$\beta$</sup> ]  
XS-0341: Statistics for Social Sciences I [Fall: '19 <sup>$\beta$</sup> , '18 <sup>$\beta$</sup> , Spring: '19 <sup>$\beta$</sup> , '18 <sup>$\beta$</sup> ]  
XS-0235: Fundamentals of Biostatistics [Spring '22]  
XS-0217: General Statistics I [Summer '19 <sup>$\beta$</sup> ]  
XS-0215: Biostatistics [Fall '20, Spring '20]

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

### MANUSCRIPTS IN REVIEW/PREPARATION

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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.

$\alpha$ : Ongoing

$\beta$ : Teaching Assistant

## CONFERENCE PRESENTATIONS

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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

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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

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Fulbright-LASPAU scholarship	2022
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## SERVICE

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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. <a href="http://RaoVNV.github.io/pensamiento-estadistico/">http://RaoVNV.github.io/pensamiento-estadistico/</a>	2022