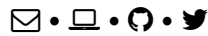


Josue E. Rodriguez



EDUCATION

University of California, Davis

PhD, Quantitative Psychology
Emphasis in Computational Social Science

Davis, CA
Expected 2024

Humboldt State University

MA, Experimental Psychology
Minor in Statistics
BA, Psychology

Arcata, CA
2019
2017

PUBLICATIONS

Under Review

2. **Rodriguez, Josue E** and Williams, D. R. (2021). Painless posterior sampling: Bayesian bootstrapped correlation coefficients. Preprint, PsyArXiv [preprint](#). Submitted to *Behavior Research Methods*
1. Williams, D. R. and **Rodriguez, J. E.** (2020). Why Overfitting is Not (Usually) a Problem in Partial Correlation Networks. preprint, PsyArXiv [preprint](#). Submitted to *Psychological Methods*.

Working Papers

2. Rast, P., Martin, S. R., and **Rodriguez, Josue E** (2020). Bayesian multivariate garch models for within-person variance forecasting. Preprint, PsyArXiv [preprint](#).
1. **Rodriguez, J.E.**, Williams, D. R., Rast, P., and Mulder, J. (2020). On Formalizing Theoretical Expectations: Bayesian Testing of Central Structures in Psychological Networks. Preprint, PsyArXiv [preprint](#).

POSTER PRESENTATIONS

6. Hang, S., **Rodriguez, J. E.**, Garcia, R., and Kilgore, H. (2018). Assessment of peripheral BDNF variability over 30 days in healthy adults. 48th annual meeting of the Society for Neuroscience. San Diego, CA, United States
5. Chu, B., **Rodriguez, J. E.**, Sherburne, B., and Gaffney, A. M. (2018). Hella dope, confident understanding mediates the relationship between slang and multiple belonging needs. 16th meeting of the International Conference on Language and Social Psychology. Edmonton, Alberta, Canada
4. Ortiz, N., **Rodriguez, J. E.**, Sherburne, B., Joma, V., and Aberson, C. (2018). Blaming it on affirmative action: perceptions of denied opportunity. 98th annual meeting of the Western Psychological Association. Portland, OR, United States
3. Siefert, E., Scott, B., **Rodriguez, J. E.**, Chu, B., Kijisriopas, B., and Gaffney, A. M. (2018). Confidence of understanding mediates the relationship between ingroup slang and a sense of peer similarity. 98th annual meeting of the Western Psychological Association. Portland, OR, United States
2. Kuljian, O., Sherburne, B., Camarena, J., **Rodriguez, J. E.**, Hackett, J. D., and Gaffney, A. M. (2018). Effects of nationalist leadership on identification with humanity. 19th annual meeting of the Society for Personality and Social Psychology. Atlanta, GA, United States
1. **Rodriguez, J. E.**, Sanchez, K., Camarena, J., Clark, C., and Swancoat, B. (2017). Mazes and memory: lifestyle and experience in spatial ability. 97th annual meeting of the Western Psychological Association, Sacramento, CA, United States

SOFTWARE

2. **BBcor** (author). An **R** package for efficient sampling from the posterior distribution of various correlation coefficients. [CRAN](#). [GitHub](#).
1. **bayeslincom** (creator). An **R** package for testing linear combinations of Bayesian posterior samples. [CRAN](#). [GitHub](#).

TEACHING EXPERIENCE

Graduate Student Teaching Assistant

Introduction to Statistics
Social Psychology

Humboldt State University
2017-2019
2018

HONORS AND AWARDS

- NASEM FORD Fellowship, Honorable Mention 2020
- Outstanding Student of the Year Nominee, Humboldt State University 2017
- Presidential Scholar, Humboldt State University 2017
- Woolford Fellow of the Eureka Rotary Club 2017

COURSES

- Mathematical Statistics
- Analysis of Variance
- Multivariate Statistics
- Applied Bayesian Statistics
- Regression Analysis
- Computational Social Science
- Psychometrics

TECHNICAL SKILLS

- **Programming:** R, Python, SQL, HTML, CSS, C#
- **Tools:** \LaTeX , GitHub, Docker SPSS, Mathematica, Tableau, MATLAB

AD-HOC REVIEWER

- Entropy (under the Supervision of Dr. Philippe Rast)
- Advances in Methods and Practices in Psychological Science