

TYSON S. BARRETT, PhD

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CURRICULUM VITAE: tysonbarrett.com/assets/CV/CV.pdf
CITATIONS: 127

EDUCATION

Ph.D. Quantitative Psychology	Feb 2018 Utah State University
B.S. Economics	May 2014 Utah State University
B.S. Psychology	May 2014 Utah State University

EXPERIENCE





Research Assistant Professor , Department of Psychology, Utah State University <i>Principle Investigator of the Social Data Lab</i> <i>Managing Director of the Data Science & Discovery Unit</i>	2018-Present
Research Assistant , Prevention Science Lab, Utah State University <i>Advisor: Ginger Lockhart, PhD</i>	2016-2018
Statistical and Data Science Consultant , Utah State University <i>Supervisors: Sarah Schwartz, PhD and Jamison Fargo, PhD</i>	2016-2018
Research Assistant , National Center for Hearing Assessment and Management <i>Advisor: Karl White, PhD</i>	2014-2016

RESEARCH & TEACHING

I have 26 peer-reviewed publications and presented 21 studies at academic conferences across disability, health, and educational disciplines. See my CV for a detailed record. In my current position, most of my time is spent as a methodologist and data scientist on applied projects, generally charged with data cleaning, reshaping, joining, analyzing, and communicating.

I also have taught several statistical and data science courses to PhD-level graduate students, covering topics that included data wrangling from various sources, joining tables, and pivoting data. Again, see my CV for a detailed record of teaching appointments. Also, see my website for various posts demonstrating several of these data manipulations.

SELECTED OPEN SOURCE PROJECTS

- **dissertateUSU**. URL: github.com/tysonstanley/dissertateUSU. R package version 0.1.8. doi: 10.5281/zenodo.3240640. 
- **tidyfast**. URL: github.com/tysonstanley/tidyfast. R package version 0.2.0. 
- **autoscore**. URL: github.com/autoscore/autoscore. R package version 0.4.1.  Also, see online app autoscore.usu.edu
- **MarginalMediation**: Marginal Mediation Analysis. URL: tysonbarrett.com/MarginalMediation. R package version 0.7.0. 
- **furniture**: Furniture for Quantitative Researchers. URL: tysonbarrett.com/furniture. R package version 1.9.4. 