

# TYSON S. BARRETT, PhD

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EMAIL: tyson.barrett@usu.edu  
WEBSITE: tysonbarrett.com  
CURRICULUM VITAE: tysonbarrett.com/assets/CV/CV.pdf  
CITATIONS: 279

## EDUCATION

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<b>Ph.D. Quantitative Psychology</b>	<i>Feb 2018</i> <i>Utah State University</i>
<b>B.S. Economics</b>	<i>May 2014</i> <i>Utah State University</i>
<b>B.S. Psychology</b>	<i>May 2014</i> <i>Utah State University</i>

## EXPERIENCE

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

## RESEARCH & TEACHING





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I have over 30 peer-reviewed publications and presented more than 20 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

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- **dissertateUSU**. URL: [github.com/tysonstanley/dissertateUSU](https://github.com/tysonstanley/dissertateUSU). R package version 0.2.1. doi: 10.5281/zenodo.3240640. 
- **tidyfast**. URL: [github.com/tysonstanley/tidyfast](https://github.com/tysonstanley/tidyfast). R package version 0.2.1. 
- **autoscore**. URL: [github.com/autoscore/autoscore](https://github.com/autoscore/autoscore). R package version 0.3.7.  Also, see online app [autoscore.usu.edu](https://autoscore.usu.edu)
- **MarginalMediation**: Marginal Mediation Analysis. URL: [tysonbarrett.com/MarginalMediation](https://tysonbarrett.com/MarginalMediation). R package version 0.7.0. 
- **furniture**: Furniture for Quantitative Researchers. URL: [tysonbarrett.com/furniture](https://tysonbarrett.com/furniture). R package version 1.9.7. 