

Cory K Costello, PhD

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Technical skills

- **Programming Languages:**
 - Expertise in R (incl. tidyverse, ggplot2, lme4, lavaan, caret) and Markdown.
 - Proficiency in Git and Python.
 - Experience with SQL, HTML, CSS.
- **Data Science:**
 - Expertise in creating reproducible pipelines for cleaning, tidying, reshaping, visualizing, analyzing, and reporting data.
 - Proficiency in webscraping, accessing data from APIs, and working with working with large, complex datasets.
- **Statistical Modelling:**
 - Expertise in Linear and Logistic Regression (OLS & Penalized), Longitudinal Data Analysis, Mixed Effects Modeling (i.e., MLM/HLM), Structural Equation Modelling, Supervised and Unsupervised Machine Learning, Social Network Analysis, & Natural Language Processing.
- **Research Approaches**
 - Expertise in experimental (and A/B testing), quasi-experimental, survey-based, and data scientific methods. Causal inference in experimental and non-experimental designs.
- **Managing** several simultaneous projects and supervising small teams of researchers.

Experience

Postdoctoral Fellow

2020 - Present

University of Michigan, Ann Arbor, MI

- Contributed to the design, execution, analysis, and reporting of research on the psychology of emotions in online environments and offline in daily life.

Graduate Employee

2014 - 2020

University of Oregon, Eugene, OR

- Teaching Fellow, various roles, including instructing graduate-level statistics and our *R Bootcamp* for incoming graduate students.
- Graduate Research Fellow on NIH & NSF funded projects investigating mental health, personality, and reputation in Online Social Networks.

Graduate Research assistant

2012 - 2014

Wake Forest University, Winston-Salem, NC

- Cleaned and analyzed data, designed research materials, and communicated findings.

Education

Ph.D. Psychology

2020

University of Oregon

M.A. Psychology

2014

Wake Forest University

B.A. Psychology

2012

New College of Florida (The Honors College of Florida)

[see 5-page CV for more detail](#)