Cory K Costello, PhD

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Relevant 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.
  - Experience 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, 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 research assistants.

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