PAYTON J. JONES, M.A.

Email: payton_jones@g.harvard.edu   *Phone:* 425-367-2939

EDUCATION

Clinical Psychology, MA, PhD   2016-Present | Cambridge, MA
Harvard University | GPA: 3.85 | Focus: PTSD & network science

-Developed and published open-source software (R packages *networktools*, *networktree*, *NetworkComparisonTest*)
-Analyzed clinical, behavioral, and epidemiological data using R
-Teaching fellow for graduate courses in advanced statistics using R

Psychology, BS   2011-2016 | Provo, UT
Brigham Young University | GPA 4.0, Summa Cum Laude

Relevant Graduate Coursework
-Machine Learning
-Bayesian Data Analysis
-Psychometric Methods using R (IRT, graphical models, network science)

SKILLS

Software
-Proficient: R (caret, dplyr, lme4, ggplot2), Git
-Familiar with: SQL, Javascript, Python

Data Types
-Proficient: Clinical/preclinical, epidemiological, time-series, survey, EMA
-Familiar with: Natural language, text mining, passive monitoring

EXPERIENCE & PROJECTS

If Violence is Decreasing, Why Isn't PTSD? (Dissertation)
Analysis of PTSD data (>500,000 data points) & related experiments employing psychometrics, Bayesian analyses, and LASSO.

Network Science
Developed software for Gaussian Graphical Models using PCA and multidimensional scaling; published in *Multivariate Behavioral Research* and *Frontiers in Psychology*

Predicting Clinical Outcomes in Eating Disorders
Analyzed clinical data using network science methods to enhance predictions of outcomes in anorexia nervosa, published in *International Journal of Eating Disorders* and *Psychological Medicine*