

Robert Thorstad

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About

Profiles

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Work

Emory University

2014-08-01 – 2019-12-20

PhD Researcher

Highlights

- Trained a convolutional neural network to distinguish 100,000s of pictures of objects and scenes using cues we are now comparing to the human brain (Cheng, Thorstad, & Dilks, in prep.).
- Used classification (L2 logistic regression), clustering (DBSCAN), and dimensionality reduction (tSNE) to show that people's Reddit posts predict whether they have a mental illness (Paper: <https://tinyurl.com/thorstad2019>)
- Deployed sentiment analysis and dynamic time warping to extract the emotional arc of personal narratives. We found that most stories follow one of six common culturally derived arcs. (Demo: <https://tinyurl.com/narr-arcs>).

