

Louis Teitelbaum

Professional Experience

- Since 2020
- Neurocognitive Psychology Researcher**
 - Working Memory and Predictive Processing:** - Thesis work under supervision of Prof. Yoav Kessler, Ben Gurion University
 - Language and Communication:** - Thesis work under supervision of Prof. Bruno Galantucci, Yeshiva University Psychology Department - Developed novel Natural Language Processing (NLP) based metrics for diadic conversations using Python and R. - Wrote peer review - Designed research agenda and experimental paradigm for the continuation of research post-COVID-19 - Read over 100 scholarly articles in the field of Language and Communication
 - Power Dynamics in Long-Term Romantic Relationships:** - Research Assistant for Dr. Jenny Isaacs, Yeshiva University Psychology Department - Researched and designed survey for data collection. - Analyzed data in SPSS and R; finalized analysis for publication. - Logged over 200 hours as a primary contributor to project.
 - Since 2021
 - R Developer**
 - Developer of *wormsplot* for visualizing the movements of historical figures; Read the [blog post](#).

Education

- 2022 | Present
- M.A. in Experimental Cognitive Psychology**
Ben-Gurion University 📍 Be'er Sheva, Israel
 - Supervisor:** Prof. Yoav Kessler

2018 | 2021

 - B.A. in Psychology with Minor in Biology**
Yeshiva University Honors 📍 New York, NY
 - Graduated *Magna Cum Laude*
 - Activities and societies:** Neuroscience Club President

Awards And Scholarships

- Sep 2021
- Chaplain Joseph Hoenig Memorial Award for Excellence in the Study of Psychology**
Yeshiva University Psychology Department 📍 New York, NY

Jan 2021

 - American Psychology-Law Society Grant for Undergraduate Research**
American Psychological Association Division 41: American Psychology-Law Society
For research in marital power dynamics in divorce mediation.

2021

 - Three funding awards from the Yeshiva University Honors Program**
Yeshiva University Honors Program 📍 New York, NY



Contact Info

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🌐 [Home Page](#) | 📝 [Blog](#)
🐙 [GitHub](#) | [in LinkedIn](#)

Languages

English - native
Hebrew - fluent

Technical Skills

Programming: R, Python, SQL, Git(Hub), SPSS, Excel

Documentation: (R)Markdown/Quarto, JupyterLab, Google Colab, Google Docs/Sheets

Design: ggplot2, Gimp, Photoshop, Inkscape

Deployment: Shiny, Streamlit

Machine Learning: Bayesian inference, multilevel modeling, logistic and binomial regression, PCA, random forest, elastic-net regression, k-means clustering, t-SNE, word/document embeddings, sentiment analysis

Scientific Publications And Presentations

- Theses**
 - Teitelbaum, L.** (2021). *When faithful informational exchange is just not worth it: Reformulation ability as a predictor of other-initiated repair* [Honors thesis, Yeshiva University]. Yeshiva Academic Institutional Repository.
- Poster Presentations**
 - Teitelbaum, L.** & Galantucci, B. (2021). When faithful informational Exchanges are just too much work: Repair avoidance and reformulation cost. *Poster presented at the 2021 Association for Psychological Science (APS) Virtual Convention.*
 - Teitelbaum, L.**, Isaacs, J., & Pittinsky, N. (2021). Is power all bad? Marital power imbalances and effective role division. *Poster presented at the 2021 Association for Psychological Science (APS) Virtual Convention.*