

Louis Teitelbaum

Teaching

- Spring 2026

- Cognitive Psychology**
Ben-Gurion University 📍 Eilat, Israel
Designing and teaching new curriculum for undergraduate cognitive psychology at Ben-Gurion. Weekly 3-hour lectures.
- Fall-Spring 2026-2027

- Data Science for Psychology**
Ben-Gurion University 📍 Be'er Sheva, Israel
Planned graduate course for data science and psychology master's program.

Professional Experience

- Since 2024

- Research Assistant**
Collaboration with Google Jigsaw: Rhetorical Technique Classifiers
Lead role in research on new machine learning classifiers developed by Google. Integrating theoretical framework on rhetoric with empirical findings on large, naturalistic datasets.
- 2023 | 2024

- Data Analyst**
Autodesk | Internship 📍 Tel Aviv, Israel
Wrote complex SQL queries in Snowflake. Analyzed user behavior using R and ggplot2. Prepared presentations for Data Science and Data Analytics teams. Collaborated with UX Research team to develop evidence-based coding for data.
- Since 2021

- R Developer**
 - Developer of *embedplyr*, which enables common operations with word and text embeddings within a 'tidyverse' and/or 'quanteda' workflow.
 - Developer of *wormsplot* for visualizing the movements of historical figures; Read the [blog post](#).

Education

- 2024 | Present

- PhD in Social Psychology**
Ben-Gurion University 📍 Be'er Sheva, Israel

PI: Dr. Almog Simchon
- 2022 | 2024

- M.A. in Experimental Cognitive Psychology**
Ben-Gurion University 📍 Be'er Sheva, Israel

Dean's List

PI: 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



Contact Info

✉ louist@post.bgu.ac.il
🌐 [Home Page](#) | 📝 [Blog](#)
🐙 [GitHub](#) | in [LinkedIn](#)

Languages

English - native
Hebrew - fluent

Technical Skills

Programming: R, Python, SQL, SPSS

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

Design: ggplot2, Gimp,
Photoshop, Inkscape

Scientific Publications And Presentations

- Books

- Teitelbaum, L., & Simchon, A. (2024). *Data Science for Psychology: Natural Language*. <https://doi.org/10.5281/zenodo.10908367>
- Papers

- Simchon, A., Zipori, T., Teitelbaum, L., Lewandowsky, S., & van der Linden, S. (2026). A signal detection theory meta-analysis of psychological inoculation against misinformation. *Current Opinion in Psychology*, 67, 102194. <https://doi.org/10.1016/j.copsyc.2025.102194>
 - Teitelbaum, L., Saltz, E., Lewandowsky, S., & Simchon, A. (2025). Rhetorical features from social media predict real-world violent outcomes of manifestos. *PsyArXiv*. https://doi.org/10.31234/osf.io/26q7w_v1
 - Teitelbaum, L. (2025). embedplyr: Tools for Working With Text Embeddings. *Journal of Open Source Software*, 10(115), 8262. <https://doi.org/10.21105/joss.08262>
 - Teitelbaum, L. & Simchon, A. (2025). Neural text embeddings in psychological research: A guide with examples in R. *Psychological Methods*. <https://doi.org/10.1037/met0000768>
 - Teitelbaum, L., & Simchon, A. (2024). Modeling Word Frequencies: Common Practice Risks False Positives. https://osf.io/mqbdtr/?view_only=8c2797bcb78543fd9bac64b9451205e3
- Theses

- Teitelbaum, L. (2024). *Perceptual anticipation is independent from spatial attention and motor preparation* [Master's Thesis, Ben-Gurion University of the Negev]. https://primo.bgu.ac.il/discovery/fulldisplay/alma9927177558004361/972BGU_INST:972BGU
 - 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. <https://repository.yu.edu/handle/20.500.12202/7148>
- Conference Presentations

- Teitelbaum, L. & Simchon, A. (2026). Principled Word Embeddings for Psychological Research. *Talk to be presented at the 12th Conference on Cognition Research of the Israeli Society for Cognitive Psychology (ISCOp)*, Akko, Israel.
 - Teitelbaum, L. & Simchon, A. (2026). Does Common Ground Drive Polarization?. *Talk to be presented at the Israel Social Cognition Meeting*, Jerusalem, Israel.
 - Teitelbaum, L. & Simchon, A. (2025). Modeling Word Frequencies: Common Practice Risks False Positives. *Poster presented at the 11th Conference on Cognition Research of the Israeli Society for Cognitive Psychology (ISCOp)*, Akko, Israel.
 - 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*.

Invited Talks

- Teitelbaum, L. (2025, December). *Text analysis with modern language models: Tools for psychological research*. Invited workshop at the Psychology of Intergroup Conflict and Reconciliation Lab (PICR), Hebrew University of Jerusalem, Jerusalem, Israel.
- Teitelbaum, L. (2025, November). *Harmful rhetoric online and in the "real world"*. Invited lecture at Data Science for Psychology seminar, Ben-Gurion University of the Negev, Be'er Sheva, Israel.
- Teitelbaum, L. (2025, June). *Natural language processing: The basics*. Invited lecture at Data Science Lab for Psychologists class, Tel Aviv University, Tel Aviv, Israel.
- Teitelbaum, L. (2024, December). *Why is measuring text still difficult?**. Invited lecture at Data Science for Psychology seminar, Ben-Gurion University of the Negev, Be'er Sheva, Israel.

Research Grants And Fellowships

- Nov 2025

- European Association for Social Psychology**
Seedcorn Grant (€3000) with Valentin Mang, Sinem Yilmaz, and Fabian Wurzinger
- Jan 2021

- American Psychological Association Division 41: American Psychology-Law Society**
Grant for Undergraduate Research (\$1000)
For research in marital power dynamics in divorce mediation.