This thesis is dedicated to all of the doctors, nurses and therapists who kept me on my feet and enabled me to complete my doctorate.

## Acknowledgements

The road to completing my thesis has been a wild ride, filled with many detours. I couldn't have done it alone, though, and would like to acknowledge the following people for helping me to get here.

- My advisor, Darren Gergle, who has been incredibly supportive through the years and has been a constant source of knowledge and motivation. Most importantly, he has always been patient with me, no matter how naive my questions are, even when I'm finishing up a dissertation.
- Anne Marie Piper, for serving on my committee, and always reminding me of the importance of our research. I only hope we get to collaborate more in the future.
- David-Guy Brizan, for teaching me C++, then being a great research partner, and then serving as a valuable sounding board on my committee.
- Andrew Rosenberg, for taking a chance on an unproven programmer and introducing me to
  the world of keystroke dynamics, which has fascinated me for years. Your clear explanations
  of concepts in statistics and NLP helped to set me up on this path.
- Klinton Bicknell, for bringing me into the world of word surprisal, neural networks, and GAMs. I learned so much from our collaborations.
- Janet Fodor, for properly introducing me to psycholinguistics and introducing me to the Implicit Prosody Hypothesis.
- My colleagues and co-conspirators in the CollabLab and the Language & Computation Lab

- My research assistant, Elana Laski, for being incredibly reliable and diligent with annotations, and acting as a great sounding board for ideas.
- My dissertation coach, Ilana Emmett, for helping me organize and plan out this unwieldy project.
- My mom, dad, stepdad, and sister, for constantly supporting throughout this entire process, on every level.
- Wallie, for always being the bestest boy and forcing me to get out of the house multiple times a day.
- And finally, my wife Shaina, who has been a constant source of companionship, fun, motivation and support throughout this entire process. She kept me sane during the pandemic, as we slowly lost our minds at the same pace, and has been by my side through thick and thin. I would not be where I am today without her.