

Closing the Gap in the Precision Medicine Model: Digital Behavioral Data Under a New Unifying Statistical Platform

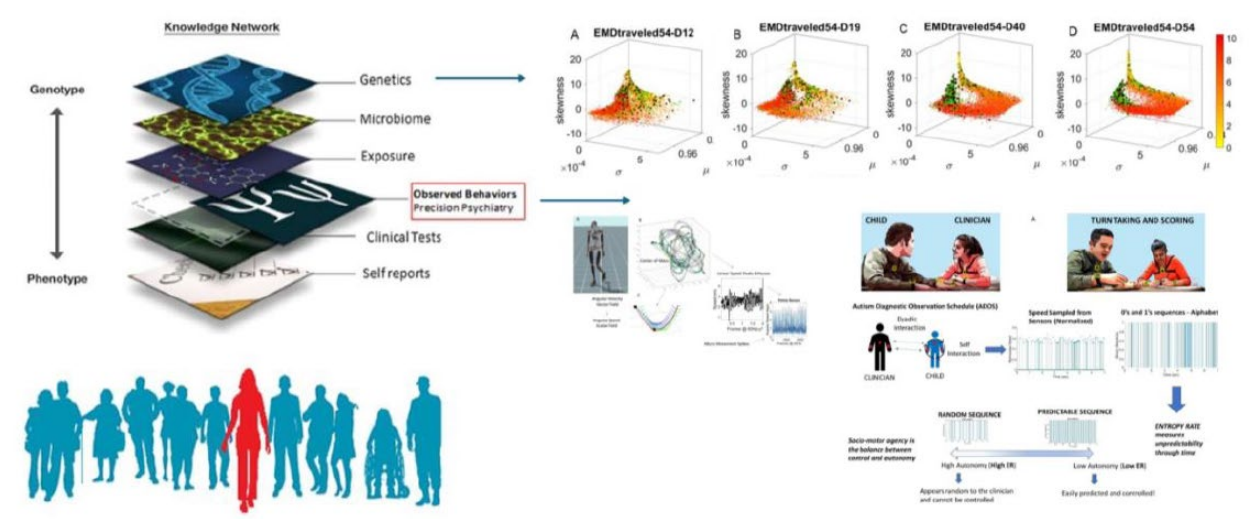
Elizabeth B Torres

Psychology Department

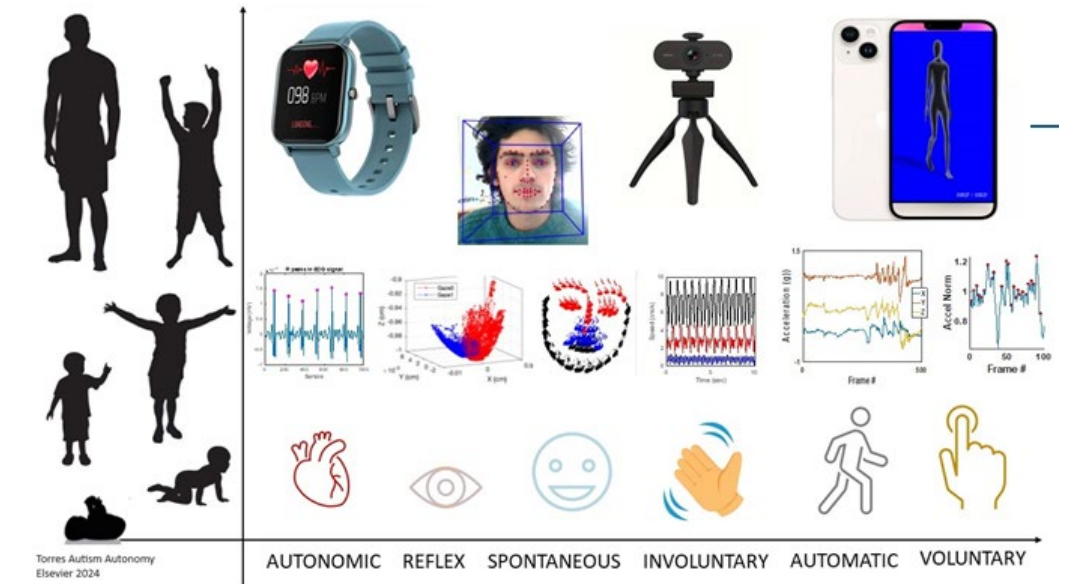
ebtorres@psych.rutgers.edu

Closing the Gap in the Precision Medicine Model: Digital Behavioral Data Under a New Unifying Statistical Platform

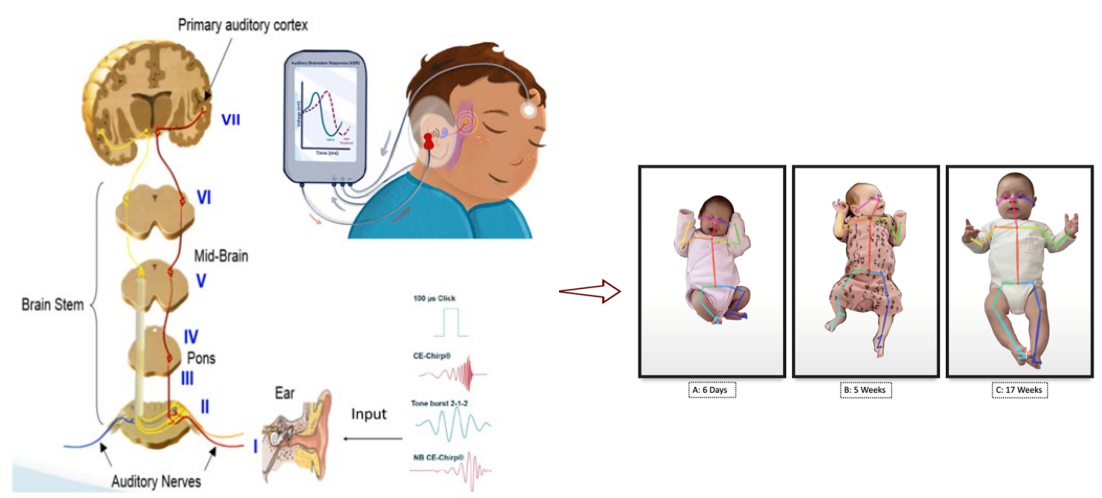
Precision Medicine Adapted to Neurological Disorders



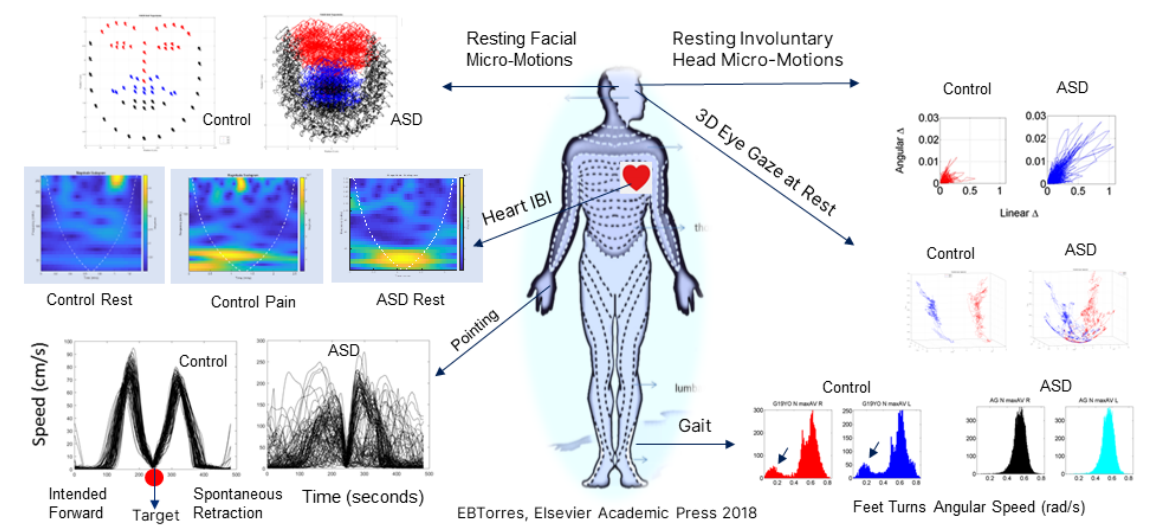
Highly Scalable and Portable Behavioral Science



Earliest Screening/Detection/Classification

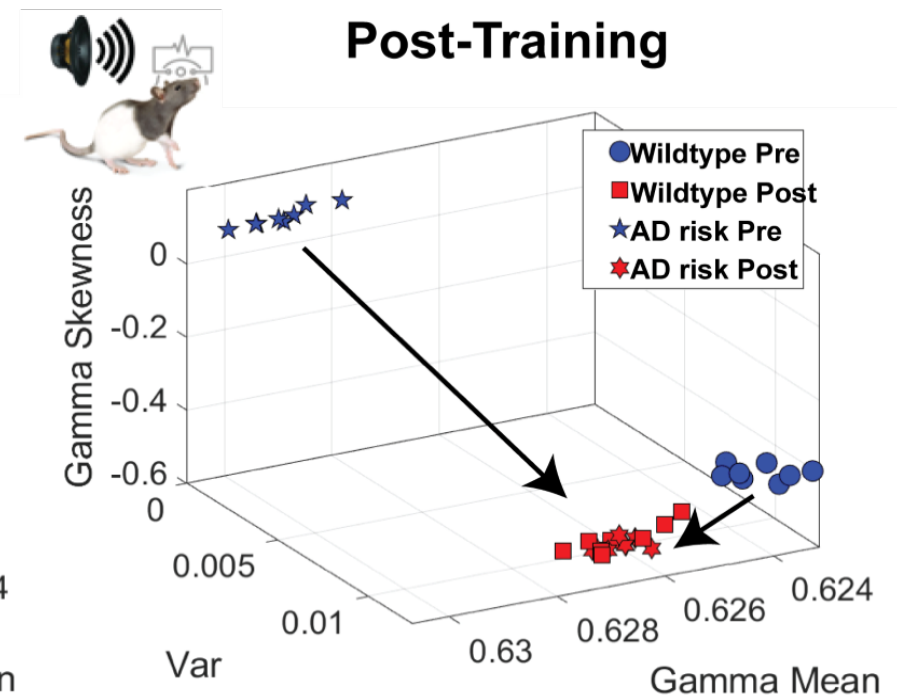
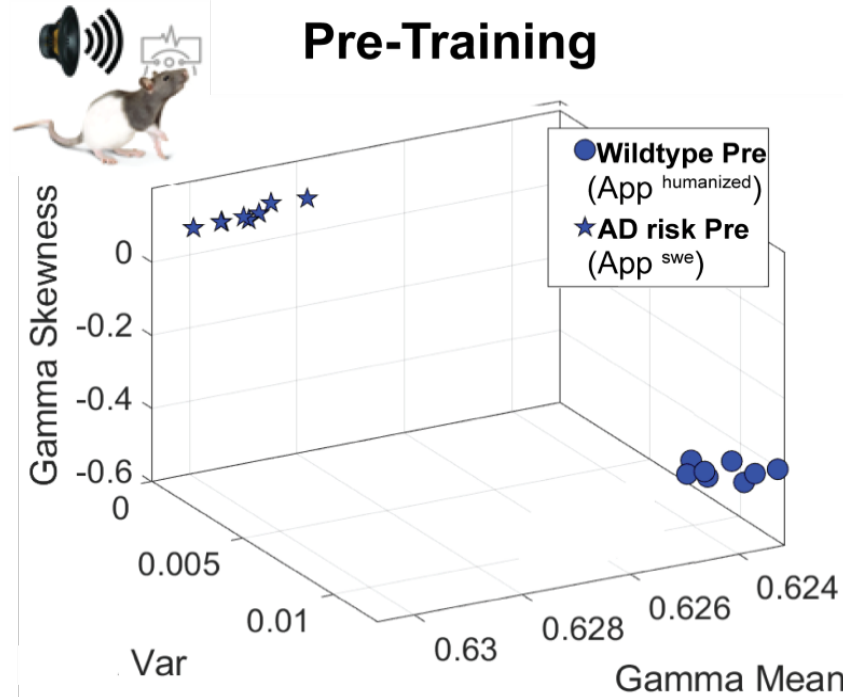
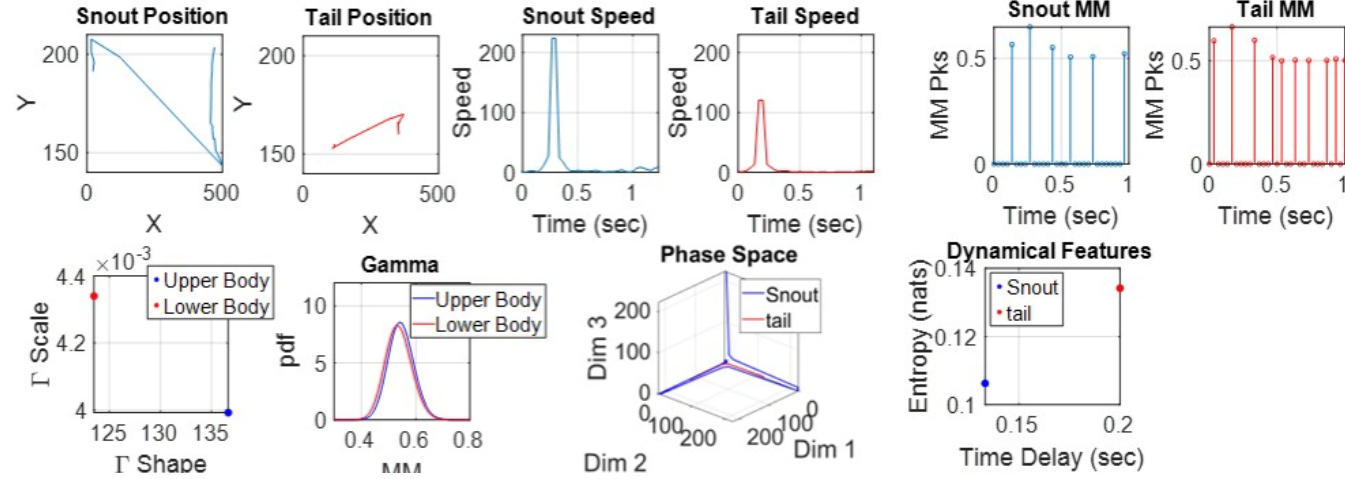
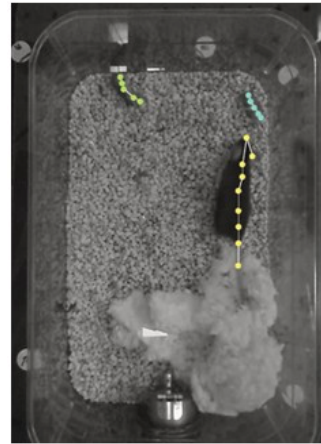


Autistics Have Different Sensations to Build Brain-Body Maps



Closing the Gap in the Precision Medicine Model: Digital Behavioral Data Under a New Unifying Statistical Platform

- Integrated Brain Behavioral Spikes (IBI)
- Extension to Animal models
- Wildtype and Genetically Modified
- Mouse Transcriptome
- Pre-Clinical Trials
- Individualized Precision
- Data compression for AI/ML



Collaboratively with Dr. Aysegul Gungor and Prof. Kasia Biezcza