YINUO LIU

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EDUCATION

Boston University **September 2023 – Present**
PhD in Speech, Language, and Hearing Sciences *Boston, United States*

- Advisor: Dr. Tyler Perrachione
- GPA: 4/4

Zhejiang University **September 2019 – June 2023**
Bachelor of Science in Psychology (Chu Kochen Honors College) *Hangzhou, China*
Minor: English translation and interpretation

- GPA: 3.97/4, 1/60 in class

PH.D. RESEARCH INTERESTS

Cognitive and neural mechanisms underlying language processing (e.g., the representations of real-life speech with contexts); **Structure and functions of brain language network in the typical group and people with disorders** (e.g., dyslexia); **Computational modeling of human language processing**

PAPERS AND MANUSCRIPTS

Liu, Y., Choi, J.Y., & Perrachione, T.K. (Under Review). Systematic bias in surface area asymmetry measurements from automatic cortical parcellations.

Kong, X., Zhang, C., **Liu, Y.**, & Pu, Y. (2022). Scanning reproducible brain-wide associations: Sample size is all you need? *Psychoradiology, 2*(3), 66-67.

CONFERENCE PRESENTATIONS

Liu, Y., Perrachione, T.K. (2025, September 14-18). Structural variation in human auditory cortex gyrification revealed by data-driven curvature-based clustering. 8^{th} *International Conference on Auditory Cortex*, Maastricht, Netherlands.

Liu, Y., Perrachione, T.K. (2025, September 12-14). Patterns of structural variation in human auditory cortex revealed by data-driven curvature-based clustering. 17^{th} *Annual Meeting of the Neurobiology of Language*, Washington, DC, US.

Liu, Y., Chin, J.A., & Perrachione, T.K. (2025, April 4). Neuroanatomical signatures of dyslexia found in microstructural but not macrostructural features of the superior temporal plane. *New England Research on Dyslexia Society*, Boston, US.

Liu, Y., Chin, J.A., & Perrachione, T.K. (2025, March 29-April 1). Hemispheric biases in automatic atlas-based cortical parcellations exaggerate surface area lateralization. 32^{nd} *Annual Meeting of the Cognitive Neuroscience Society*, Boston, US.

Liu, Y., Choi, J.Y., & Perrachione, T.K. (2024, October 4). Hemispheric biases in automatic cortical parcellations exaggerate surface area lateralization in primary auditory cortex and other key language areas. *Advances and Perspectives in Auditory Neuroscience XXII*, Chicago, US.

Liu, Y., Cai, Y. (2022, November 25-29). Posterior activities during encoding and early delay support the context binding. 15^{th} *Annual Meeting of Chinese Neuroscience Society*, Jiangsu, China.

Liu, Y., Zhang, C., Hu, H., Hu, Y., & Kong, X. (2022, June 7-8). Lateralization of language brain networks: A graph theory study. *OHBM 2022 Annual Meeting,* virtual.

Hu, H., **Liu, Y.**, Hu, Y., & Kong, X. (2022, June 7-8). Machine learning reveals hemispheric differences in the human brain. *OHBM 2022 Annual Meeting,* virtual.

Selected Honors and Awards

Chinese National Scholarship (for top 1% students across China) **2020, 2022**

Zhejiang University Scholarship - First Prize (for top 1% students at the university) **2020, 2021, 2022**

First-Class Scholarship for Elite Students in Basic Sciences (for top 3% students) **2020, 2021, 2022**

Scholarship for Leading Achievements (for top 3% students in the honors program) **2020, 2021**