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Education

- B.S. in Psychology, Sun Yat-sen University, 2014-2018
- M.S. in Psychology, Sun Yat-sen University, 2018-2021

Research Experience

☒ refers to the item in the publication list.

Prof. Xiang Wu's Lab, Sun Yat-sen University

- Research Tops: Cognitive Neuroscience ^{^[1]}, Temporal Processing ^{^[2]}

Prof. Jinsong Chen's Lab, Sun Yat-sen University

- Research Tops: Latent Variable Modeling ^{^[4,7]}, Psychometrics ^{^[5]}

- Research Tops: Cognition ^{^[3]}

Work experience

- Infinite Brain Technology, Beijing, China, 2022.05 - present
- Meituan, Beijing, China, 2021.07 - 2022.04

Skills & Interests

- Data Science & Programming: Python, R, MATLAB, MySQL, Mplus, Git
- Languages: Chinese (Native), English
- Interests: Drums, Workout, Stand-up Comedy

Publications

Article

1. Zhou, P., Wu, Q., Zhan, L., **Guo, Z.**, Wang, C., Wang, S., ... & Wu, X. (2023). Alpha peak activity in resting-state EEG is associated with depressive score. *Frontiers in Neuroscience*, *17*, 1057908.[\[pdf\]](#)
2. Zhan, L., Huang, Y., **Guo, Z.**, Yang, J., Gu, L., Zhong, S., & Wu, X. (2022). Visual over auditory superiority in sensorimotor timing under optimized condition. *Frontiers in Psychology*, *13*, 1048943.[\[pdf\]](#)
3. **Guo, Z.**, Niu, M., & Wang, Q. (2021). Target familiarity and visual working memory do not influence familiarity effect in visual search. *Scientific Reports*, *11*(1), 7560.[\[pdf\]](#)
4. Chen, J., **Guo, Z.**, Zhang, L., & Pan, J. (2021). A partially confirmatory approach to scale development with the Bayesian Lasso. *Psychological Methods*, *26*(2), 210.[\[pdf\]](#)
5. **Guo, Z.**, & Chen, J.* (2019). Teaching evaluation under the view of modern validity: reflection and suggestions [Chinese]. *Higher Education Exploration*, *3*, 11-15.

Conference Presentations

6. Wang, J., Guo,Z., Huang, J., Zhou,H. & Pan, J. (2019). The Mechanism of Gender Differences in Attitude towards Legal Abortion: Indirect Effects of Sexual Permissiveness Attitudes and Gender Stereotypes. The 22nd National Academic Conference of Psychology, 18-20 Oct, Hangzhou.[\[abstract\]](#)
7. Guo, Z., Chen, J., & Tu.,D. (2018). Analysis of Raven's Advanced Progressive Matrices from a Cognitive Diagnosis Modeling Framework. The 13th Cross-Straits Conference on Educational and Psychological Testing, 22-25 Oct, Taiwan.[\[slides\]](#)