

**Ziqian Wei**  
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## EDUCATION

- 2019-2022    **South China Normal University, China**
- MA in Psychology
  - **Research filed:** reading and learning
  - **Supervisor:** Assoc. Prof. Xuqian Chen
- 2015-2019    **Jiangxi Normal University, China**
- BA in Psychology

## RESEARCH EXPERIENCE

- 2021-2022    **Effects of reading purposes on integration from multiple documents: Evidence from concept network analysis**
- MA thesis
  - Conducted three online experiments to measure different aspects of integration
  - Converted participants' summaries to networks via a self-made Python package
  - Found that whereas reading purpose conditions influence the *inclination* of integration, the *quality* of integration was difficult to improve
- 2020-2021    **Thinking patterns influence knowledge structure construction**
- Drafted a proposal and received funding from The Innovative Research Foundation for Postgraduates, School of Psychology, SCNU
  - Conducted an online experiment and recruited 120+ participants
  - Performed data processing and statistical analysis using Python and R
- 2020    **Personal topic interest, generative concept sorting, and external structure information**
- Wrote an application form for ethical approval
  - Conducted two online experiments and performed statistical analysis using SPSS and JASP
  - Found that concept maps led to better comprehension compared with outlines
- 2019    **Facial identification in different visual fields**
- Coursework of the postgraduate module *Research Method in Psychology*. Lecturer: Prof. Ming Meng
  - Arranged the whole study as a team leader
  - Used Matlab to process a hundred and twelve pictures of facial expressions into different spatial frequencies as visual stimuli
  - Designed an academic poster, gave an oral report, and wrote a 3,000+ words course paper, all these works were done in English
- 2018-2019    **The effect of self-depletion on information avoidance in decision making**
- BA thesis
  - Designed the experiment using E-Prime and performed statistical analysis using SPSS
  - Received a high score in the thesis defense

## WORK EXPERIENCE

- 2022      **Research assistant, Tsinghua University**  
○ Research assistant of the [Youth Mental Health Lab](#)
- 2021      **Teaching assistant, South China Normal University**  
○ Teaching assistant for three undergraduate modules: *Principles and Applications of Psychometrics*, *Psychological Statistics*, and *Statistical Software Applications*
- 2018      **Practice teacher, Nanchang city**  
○ Taught mental health lessons to secondary school students

## SELECTED HONOURS AND AWARDS

- 2021-2022      Scholarship for postgraduates (Second- and Third-class)
- 2019      The Innovative Research Foundation for Postgraduates, School of Psychology, SCNU
- 2019      Scholarship for undergraduates (Third-class)

## PUBLICATIONS

- Wei, Z.**, Zhang, Y., Yin, S., Chen, X\*, Clariana, R., B\*. (manuscript in preparation). Effects of reading purposes on integration from multiple documents: Evidence from concept network analysis.
- Chen, X., **Wei, Z.**, Li, Z., & Clariana, R. B\*. (in revision). Personal topic interest, generative concept sorting, and external structure information. *Educational Technology Research and Development*. [SSCI]
- Wei, Z.**, Chen, X\*, & Clariana, R., B. (2022). Measures of knowledge structure in reading comprehension. *Journal of Psychological Science*, 45(2), 306-315. <https://doi.org/10.16719/j.cnki.1671-6981.20220206>

## SKILLS

- Software      R (proficient), Python (proficient), MATLAB (good), SPSS (good), E-Prime (good), Mplus (basic), Microsoft Words, Excel & PowerPoint (proficient), LaTeX (good)
- Language      English (IELTS: 6.5), Chinese (native)

## REFEREES

Assoc. Prof. Xuqian Chen  
School of Psychology, South China Normal University  
Email: [chenxuqian@m.scnu.edu.cn](mailto:chenxuqian@m.scnu.edu.cn)  
Research interest: language cognition and learning; concept structure in memory

Prof. Aitao Lu  
School of Psychology, South China Normal University  
Email: [atlupsy@gmail.com](mailto:atlupsy@gmail.com)  
Research interest: cognitive process of language; language cognition; teenager development