

**Ziqian Wei**

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## EDUCATION

2019-2022 **South China Normal University (SCNU), 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 external cues on integration from multiple documents: Evidence from concept network analysis | MA thesis, SCNU**

- Conducted three online experiments to measure different aspects of integration
- Converted participants' summaries to networks via a self-made Python package
- Found that whereas some external cues enhance either the *inclination* of integration or holistic structure, the *quality* of integration was difficult to improve

2020-2021 **Thinking patterns influence knowledge structure construction | Graduate researcher, SCNU**

- 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 **The influence of the conceptual structure of external representations when relearning history content | Graduate researcher, SCNU**

- 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 | Graduate researcher, SCNU**

- 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, Jiangxi Normal University**

- 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**  
○ Working on a project about psychopathological networks as a team member in [Youth Mental Health Lab](#).
- 2021      **Teaching assistant, South China Normal University**  
○ Worked as a 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

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

## PUBLICATIONS

- Wei, Z.** Zhang, Y., Yin, S., Clariana, R. B\*, & Chen, X. (submitted). The effect of reading prompt and post-reading task on multiple document integration: Evidence from concept network analysis. *Educational Technology Research and Development*. [SSCI]
- Chen, X., Li, Z., **Wei, Z.**, & Clariana, R. B\*. (accepted). The influence of the conceptual structure of external representations when relearning history content. *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. <http://www.psycsci.org/EN/Y2022/V45/I2/306>

## 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, SCNU  
Email: [chenxuqian@m.scnu.edu.cn](mailto:chenxuqian@m.scnu.edu.cn)  
Research interest: concept structure in memory

**Prof. Aitao Lu**  
School of Psychology, SCNU  
Email: [atlupsy@gmail.com](mailto:atlupsy@gmail.com)  
Research interest: cognitive process of language