

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 reading purposes 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 reading purpose conditions influence the *inclination* of integration, 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 on digital mental health interventions as a team member in [Youth Mental Health Lab](#). My job duties include preparing questionnaires, mental health resources, and digital interventions for a mental health app.
- 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*. (revised and resubmitted). 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

Research interest: concept structure in memory

Prof. Aitao Lu

School of Psychology, SCNU

Email: atlupsy@gmail.com

Research interest: cognitive process of language