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 dissertation defense

WORK EXPERIENCE

2021   **Teaching assistant, South China Normal University**
- Teaching assistant for three undergraduate modules: *Principle and Application of Psychometrics*, *Psychological Statistics*, *The Manipulations and Applications of Statistical Software*

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. [CSSCI]

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
Research interest: language cognition and learning; concept structure in memory

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