

Hamlin (Huanbin) Teng

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Education

Doctor of Linguistics <i>Stony Brook University</i>	<i>08/2026 - Current</i> <i>Stony Brook, NY</i>
Master of Cognitive Science (Linguistics) <i>Michigan State University</i>	<i>09/2024 - 05/2026</i> <i>East Lansing, MI</i>
Master of Sociology <i>Zhejiang University</i>	<i>09/2019 - 06/2022</i> <i>China</i>
Bachelor of Agricultural&Forestry Economics and Management <i>Zhejiang University</i>	<i>09/2015 - 07/2019</i> <i>China</i>
Summer School in Languages and Linguistics <i>Leiden University</i>	<i>07/2023</i> <i>Online</i>
Study exchange of Agricultural Economics <i>Purdue University</i>	<i>07/2018</i> <i>West Lafayette, IN</i>

Academics & Research

Unimodal distribution doesn't mean there is only one dialect <i>Quantitative Study</i> • Used formalisation to show the condition when a Gaussian Mixture is unimodal • Use simulation to show the methods of dialogising are unreliable • Present this research on CALMS2025 at Michigan State University	<i>09/2025 - Now</i>
Production exaggeration in whispered mandarin <i>Quantitative Study</i> • Used online experiment to gather data • Designed mapping experiment • Transcribed data with Forced Aligner and Praat • Used Mixed Model to analyse data in R and Matlab	<i>04/2025 - Now</i>
Er-affixation in Yishui dialect <i>Qualitative Study</i> • Studied the role of pre-nuclear glides in Mandarin • Used OT theory to analyse the er-affixation in a dialect of Mandarin	<i>10/2024 - Now</i>

- A bibliometric study of sociolinguistics and variationist linguistics** 06/2024 - 10/2024
Quantitative Study
- Collected and cleaned data from Web of Science and Scopus about sociolinguistics
 - Analyzed bibliometric indicators of the data
 - Contrasted connections and differences between sociolinguistics and variationist linguistics
- Relationship between political language and political institution** 10/2022 - 08/2024
Quantitative Study
- Collected total 3307 of national, provincial and municipal government work reports from 2007 to 2019 in China
 - Analyzed the linguistic, stylistic features and the sentiment of the reports
 - Computed the similarities between levels of government work reports
 - Computed the dependency distance of every report
- The public sector wage premium in China** 10/2022 - 03/2023
Quantitative Study
- Estimated the premium for public sector staff in China with Propensity Score Matching (PSM) and OLS, focusing on the large group of temporary staff in the public sector that has been overlooked in previous studies
- Relationship between political decentralisation and economic inequality** 09/2021 - 06/2022
Quantitative Study
- Cleaned up data from the Vietnam Household Quality of Life Database (VHLSS) and the Vietnam Statistical Yearbook
 - Calculated Gini Index of each province in Vietnam
 - Identified the impact of decentralisation system reform on inequality in Vietnam using the difference in differences method (DID)
- Performance appraisal of officials** 02/2019
Fieldwork Shandong Province, China
- Participated in in-depth interviews
- Relationship between the structure of agriculture and TFP** 10/2018 - 05/2019
Quantitative Study
- Collected and cleaned the data of agricultural productivity in Zhejiang Province
 - Calculated total factor productivity (TFP) of Zhejiang Province's agriculture with Stochastic Frontier Approach (SFP)
 - Analyzed the relationship between the structure of agriculture and its TFP using OLS
- Strategic planning study on "rural revitalization"** 05/2018
Fieldwork Shanxi Province, China
- Surveyed on rural economy in Jinzhong City
 - Participated in seminars and discussions
- Questionnaire survey of the China Family Database (CFD)** 07/2017 - 08/2017, 03/2018
Fieldwork Zhejiang Province, China
- Conducted questionnaire interviews in Hangzhou, Quzhou and Ningbo City

Work & Teaching Experience

Department of Linguistics at Michigan State University 10/2024 - Current
Research Assistant (Funded) East Lansing, MI

Responsibilities: Using R to analyse demographic and linguistic data of subjects, Report writing, Data Management

Qiyao Data Technology Co., Ltd. 10/2023 - 07/2024
Researcher Hangzhou, China

Responsibilities: Developing academic data products (panel database, text database and spatial database), Collaborating on AI product development, Using LLM to improve workflow within the enterprise, Management of data and analysis (Oracle SQL, R, Python, BERT)

Study of land use in China 04/2018 - 06/2018
Research Assistant Zhejiang University, China

Responsibilities: Using crawler to get about 40,000 pieces of data about land use in China and cleaning data of the China Family Database with Stata

New Institutional Economics 03/2019 - 01/2022
Teaching Assistant Zhejiang University, China

Type of students: Undergraduate (about 30 people)

Responsibilities: Participating in course design, Leading seminar discussions, Answering students' questions, Organizing exams

Research Methodology

Software	R, Praat, Python, SQL, Matlab, SPSS, Stata
Statistical Methods	Hierarchical linear model (HLM), Causal inference methods (DID, PSM, SCM, IV), Qualitative comparative analysis (QCA)
Linguistics Methods	Word vector analysis (text2vec), NLP toolbox (jieba, undersea, Hanlp, BERT)
Auxiliary Methods	Data crawling, Data plotting, Data cleaning, In-Context prompting of Large Language Model, Experiment design

Honors & Awards

SBU IACS New Recruitment Award	08/2026
Zhejiang University Academic Scholarship	09/2018
Zhejiang Provincial Scholarship	09/2018
Scholarship for Agricultural & Forestry Economic Management	09/2017
Zhejiang University Academic Scholarship	09/2017