Beier Luo

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Education		
	Southern University of Science and Technology	**Sep 2024 - Present**
	Statistics	Master
	Southern University of Science and Technology	**Sep 2020 - June 2024**
	Statistics	Bachelor
	3.55/4	

Research Interests

Confidence Calibration

Primarily focus on designing post-hoc methods for LLMs, while also exploring RL-based training approaches.

Trustworthy LLMs

Primarily focuses on uncertainty estimation for LLM, while also extending to hallucination detection, efficient reasoning, and other related areas.

Research Experiments

Machine Learning Group   **Sep 2023-Present**

Supervised by Hongxin Wei   Southern University of Science and Technology (SUSTech)

- Complete the graduation thesis about **Learning to Defer** and get an outstanding undergraduate graduation thesis.
- Research on **Confidence Calibration** of LLMs.

Publications

(* means co-author)

Disagreement Isn't Noise: Process-Aware Calibration for Post-trained LMs
Cheng Wang*, Beier Luo*, Yixuan Li, Hongxin Wei, Xuefeng Du

Your Pre-trained LLM is Secretly an Unsupervised Confidence Calibrator   **NeurIPS 2025**
Beier Luo, Shuoyuan Wang, Yixuan Li, Hongxin Wei

Selected Courses & Skills

Main Courses

Time Series Analysis (A), Non-parametric Statistics (A), Natural Language Processing (A+), Computational Statistics (A-), Statistical Learning (B+), Ordinary Differential Equation (A-), Application of Stochastic Processes (A-), Advanced Probability Theory (B-)

Language

TOEFL (99), CET-6 (568)

Sports

Table-Tennis (National second-class athletes)

Selected Awards & Honors

Special Scholarship for Graduate Student of SUSTech (top 5%)	**2024**
Outstanding Undergraduate Thesis of SUSTech	**2024**
Third-Class Scholarship for Undergraduate Student of SUSTech (top 20%)	**2023**