Artificial Intelligence in Measurement and Education

Introductions - Positioning

Executive Board

▶ Chair: Chris Ormerod
▶ Co-chair: John Whitmer
▶ Secretary: Maggie Beiting-Parrish

Welcome to all our new members and everyone who has joined the call!!

Research Presentations

Speaker: Andrew Runge, Senior AI Research Engineer at Duolingo

Title: Automated Item Development for Language Assessment:
Using GPT to create complex reading and listening tasks

Name Change

In our original submission to the NCME, we asked to be called

Artificial Intelligence in Measurement and Education (AIME)

In subsequent meetings, we have been using

Generative Artificial Intelligence in Measurement and Education (GAIME)

The NCME saw that including AI more generally was a positive for the group.

White Paper Proposal

Call for Participation - The ethical use of AI in education

We are looking for researchers to contribute to a white paper on the Ethical use of AI in Measurement and Education. Examples of topics include the follow:

- ▶ Accountability when AI is used.
- ▶ Appropriate use of AI
- ▶ Measurement and mitigation of bias when using AI
- ▶ Transparency in the use of AI
- ▶ Toxicity in Generative AI

If you are interested, please email Okan Bulut at bulut@ualberta.ca.

Resources

Resources purchases ranking

We have submitted the following items for board approval
- ▶ Zoom account
- ▶ Github Organization
- ▶ Zotero w/shared space
- ▶ Paid website domain name

Next Month Speaker

Speaker: Noah Goodman, Stanford University

Title: TBD

Publication Oppotunities

Leveraging Large Language Models for Assessment Support: Applications and Implications

Journal: Computers and Education: Artificial Intelligence (Open Access)

Published: 28 June 2023

Deadline: 30 October 2023

Contact: Prof. Rafael Ferreira Mello at rflm@cesar.org.br

URL: Call for Papers

This special issue focuses on exploring the implications of utilizing large language models (LLMs) for educational assessment, with *particular emphasis on leveraging LLMs for formative feedback provision and mitigating challenges related to academic integrity*. To this end, we invite researchers from diverse fields to submit papers investigating the use of LLMs to support the assessment process.