

Ethical perceptions of Human-AI interaction in Education

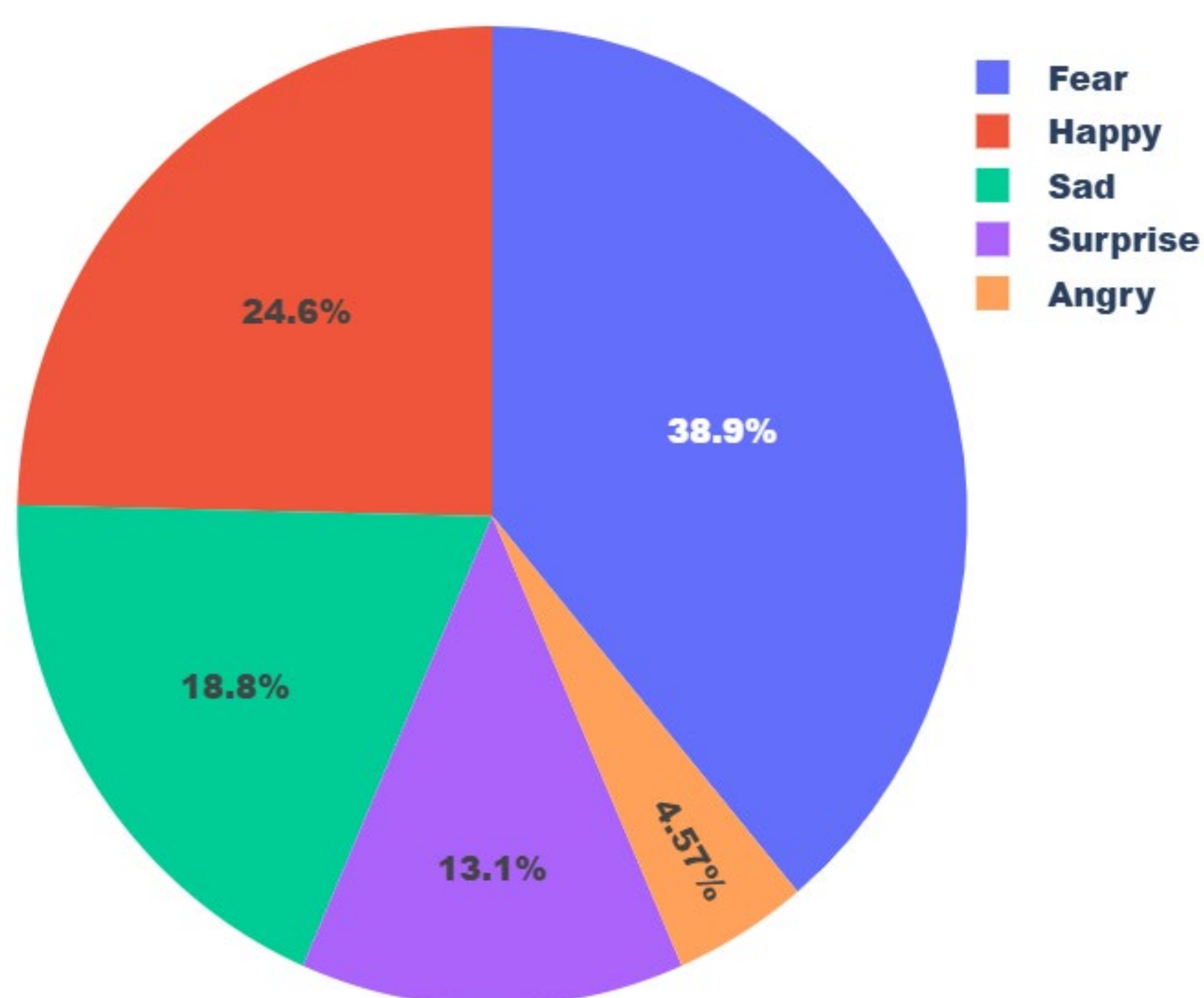
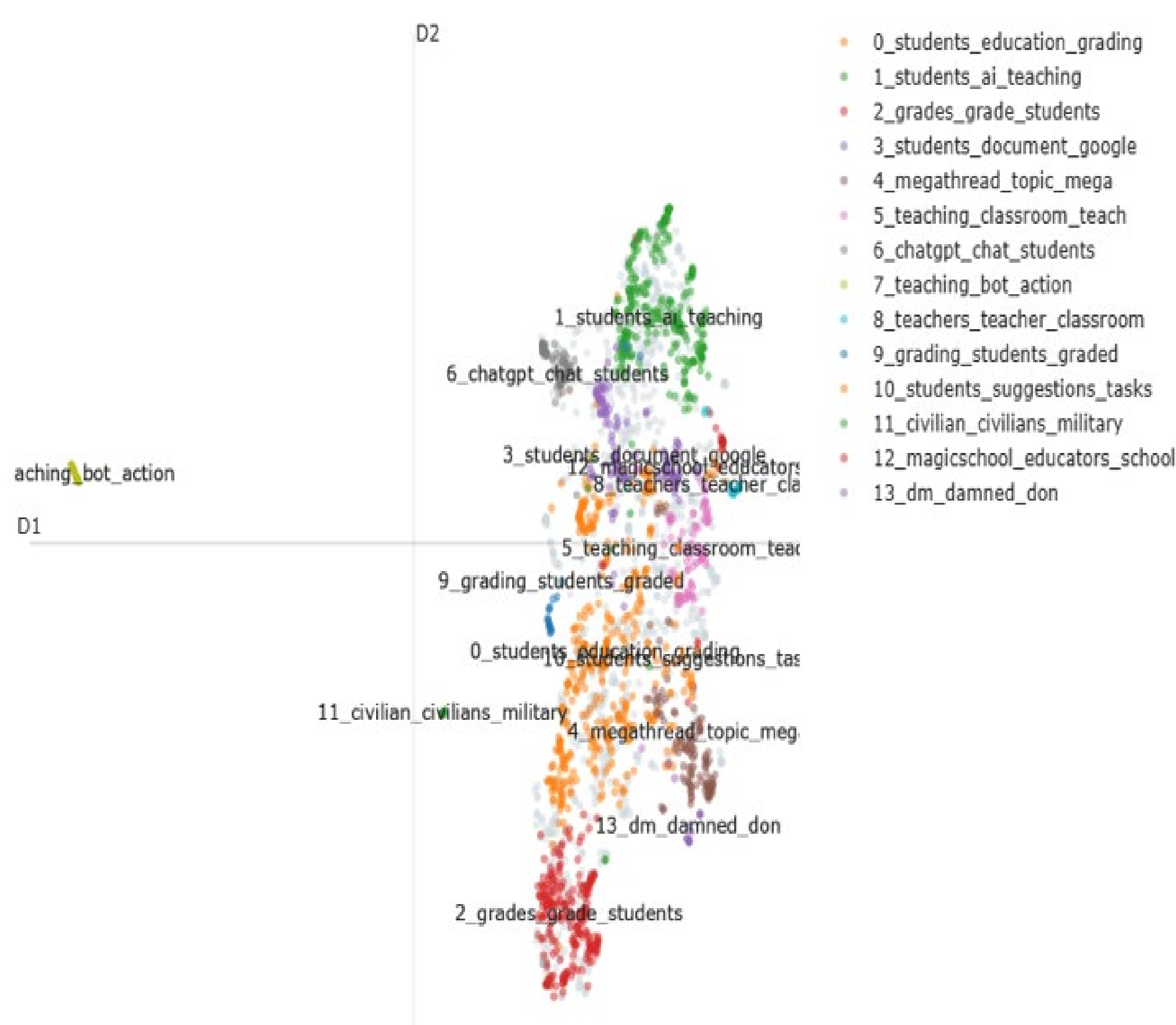
Artificial Intelligence (AI) (in various forms) is all around us, shaping various dimensions of life, daily interaction patterns and routines. Increasingly, we are also witnessing AI's impact and likely extended presence in various learning visions and goals. Further, ethical considerations and the need for governance and monitoring are crucial when considering AI integration. This investigation aims to capture educator voices, concerns, and needs to use AI agents effectively and judiciously to expand learning capabilities and outcomes.

Discussions about genAI and ethics on Educational subreddits

- Shortlisted a set of 60 posts with ~2400 comments, based on keyword sampling
- Time range: 2022-2025; Users: 1416
- Analyzed using topic modeling, emotional modeling to uncover topical patterns and associated affective dispositions.

Conducting an interview study with educators (primarily in Higher Ed) to understand AI usage patterns, impact of genAI usage within teaching and learning contexts, concerns and perceived infrastructural needs – policy, regulation and support. Four participants have responded so far.

Documents and Topics



Adapting and shifting norms of use;

* Fear about structure, rigor, and assessment

- Emerging landscape of policy, ***challenges of standardization***
- Contextual challenges and domain-specific implications
- Evolution of learning strategies: practice -> reflection and critical
- Need for communities of practice
 - Resources, peer-assisted learning and informal training
- Impact on teaching persona

Future work:

1. Expand interview study and analysis
2. Experiments with AI tools and custom agents in pedagogical contexts to explore perceptions and opportunities for use and practice

