

Opinion diversity through hybrid intelligence

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Propositions

accompanying the dissertation

Opinion Diversity through Hybrid Intelligence

- 1. Large Language Models lack the capacity to find diversity in opinions (Chapter 2).
- 2. Hybrid Intelligence systems require less human involvement than systems using Artificial Intelligence only (Chapter 4).
- 3. Arguments are the vehicle that connects stances and values (Chapter 6).
- 4. The majority voting of opinions undermines democratic ideals (Chapter 7).
- 5. Argumentation is subjective.
- 6. Artificial Intelligence research is verified but not validated.
- 7. Perspective mining subsumes argument mining.
- 8. Human–AI collaborations are effective because they iterate.
- 9. A research article on diversity in Artificial Intelligence cannot be diverse.
- 10. While universities promote holidays for PhD students' mental well-being, the pressure of academic responsibilities makes taking time off stressful.

Michiel van der Meer Leiden, 26 March 2025