

### Opinion diversity through hybrid intelligence

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### Citation

Meer, M. T. van der. (2025, March 26). *Opinion diversity through hybrid intelligence. SIKS Dissertation Series*. Retrieved from https://hdl.handle.net/1887/4209024

Version:	Publisher's Version
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**Note:** To cite this publication please use the final published version (if applicable).

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### Acknowledgments

Some of the people listed in this acknowledgments section will reside in more than one subgroup, in which case please know that I might have grouped you arbitrarily. Figuring out interconnections is left as an exercise for the reader.

Pradeep, you were my closest supervisor, the one leading me through it all. Thank you for your guidance during the years in my PhD and beyond. You taught me how to do so many things the scientific way: writing, collaborating, discussing, and organizing, to name a few. I consider you a great example of how to be a great person, professionally and personally.

Catholijn, thank you for always having my back and being kind in cases where I could use some steering. You inspire me to never let go of my enthusiasm and to keep talking and honing my research. I will always remember your advice to *frappez toujours*.

Piek, in you I found a strong sparring partner. Your office was always open, and inviting for a healthy discussion. You went along with my endless fidgeting about what to do next and let me find my path. I am very grateful you facilitated my second home at the VU.

Aske, thank you for welcoming me to Leiden University. You were (physically!) there when I started during COVID and provided advice when I needed it. You showed me the value of pursuing what I want to do over all other things.

My closest colleagues had a significant hand in my PhD. Enrico, if there is such a thing as an academic brother I am sure it is you. You were there from the first interview to my final paper, and I am grateful you are the best scholar-in-crime I could have imagined. I'd gladly share a five-star hotel room with you again. Bram, you were not only my closest colleague in Leiden but also a friend outside of it. Your enjoyment of the good things in life, as well as your endless capacity for banter, makes me enjoy every situation we find ourselves in, and you lifted the quality of the many events we attended together. To complete the group of culinarians, Mani, thank you for starting our tradition of high-quality dinner evenings after going to Berlin together. I hope we find our way to the same table again soon.

To my colleagues from CLTL, I will dearly miss our (occasionally lengthy) coffee breaks. Selene, thank you for your exceptional kindness, for being up for exploring new foods on our adventures, and for never failing to lift my spirit. Lea, your warm heart and critical mind make you one of the kindest and coolest people I know. Urja, we go way back to the BSc KI at UvA, I'm glad our paths have crossed for so long. Myrthe, you are my opinion-mining buddy and your drive for academic diligence motivates me to be a better scientist. Throughout my PhD, I managed to travel to different places, be it for conferences or vacation afterward. Jaap, Stella, Jonathan, and Baran, the times together were among my favorites. Tom, we explored Singapore together before ending up as office mates in Leiden, the times in the new building were short but sweet. To the HI IGLU team: Tae, Putra, and Kata, thank you for besting the challenge together and finding each other again in different parts of the world. To my other coauthors, thank you for teaching me much about (interdisciplinary) research. Anatol and Ruth, thanks for calmly explaining the basics of political science, Luciano, for kickstarting my PhD alongside Enrico, and Neele for pushing the last project in my PhD to successful completion. The past years would have been very different if it were not for the groups I found myself in. At LIACS, my thanks extend to Thomas, Matthias, Andreas (I hope your plants live long lives), Zhao, Mike, Andrius, Alan, Álvaro, Felix, Koen, Annie, Joost, and all other present and past members of the RLG group, as well as Suzan, Amin, Arian, Gijs, Zhaochun, Juan, and the other members of the TMR group, and finally Bernard, Ramira, Max, Tessa, Bram, Yuchen, and the other members of the CIL group. At the VU Amsterdam, my thanks go to the CLTL group for hosting me: Leon, Annika, Wende, Stefan, Ellie, Pia, Antske, Levi, Angel, Ilia, Lisa, and all other present and past members of the CLTL group at the VU. Lastly, at the TU Delft: Ruben, Pei-Yu, Masha, Morita, Emma, Nele, Amir, Carolina, Zuzanna, Deborah, Myrthe, Catha, Frans, Siddharth, and a special mention for the organizational miracle that is Anita, as well as any other present or past member in the II group.

None of my work would have come to fruition without those in the Hybrid Intelligence consortium. Thank you for powering through the difficult COVID times with great success. Bart, and Cor, thank you for instilling the HI values and academic lifeblood in me. Tiffany, I greatly enjoyed co-organizing the HI PhD reading group with you. Thanks for the wonderful times to the early HI PhDs: Johanna (I hope you still have the light you stole), Annet, Ludi, Giacomo, Wijnand, Mark, Íñigo, Niklas, Maria, Sharvaree, Nicole, Aishwarya, Merle, Loan, Emre, J.D., Delaram, Anna, Jonne, Feline, as well as the later cohorts of HI PhDs. I would also like to express my gratitude to the senior members of the HI consortium, including Rineke, Ilaria, Victor, Davide, Davide, Jasper, Henry, Erman, Annette, Dan, Kim, Herke, Silja, Pinar, Birna, Shenghui, Roel, Bernd, and all other present and past HI members. Finally, I'd like to thank the management team, including Frank, Wendy, and Stefan for steering the HI meetings in the right direction and succeeding in creating a tight-knit group that felt like a home.

Ik had mijn PhD niet kunnen afmaken zonder mijn vrienden en familie. Jullie zorgen er voor dat ik mijn werk even kan vergeten en ruimte krijg voor andere dingen. Aan de Kumdo instructor group: Bas, Dominic, en Kelly (en Devil), jullie zijn meer dan vrienden en ik hoop dat wij samen trainen tot we oud zijn (en dat zijn we nog niet). Kevin (honk!), Sterre, Maya, Ray, Lotte, Oumaima, Max, Nele, Quintin en Quinten, Evgeniia, Zena, Tibor, Yuri, Meg, en alle anderen bij Dojo Den Drijver en Gungsul Academy, 해동! Jonathan, bedankt voor het altijd beschikbaar zijn om te praten over alle dingen in het leven, jouw enthousiasme over werkelijk elk onderwerp is ontzettend aanstekelijk. Arianne, Bart, Thomas, Roan, en de rest van mijn goeie vrienden, ik ben dankbaar voor jullie warmte en gesprekken over de jaren. Sabina, jij hebt mij van het begin tot het eind altijd van aanmoediging voorzien, zowel in tijden van deadlinestress, als in de vakanties samen erna. Door jouw rol als een onuitputbaar klankbord is dit proefschrift ook een beetje van jou.

Als laatste gaat mijn dank naar degenen die mij al mijn hele leven samen met mij zijn. Arwen, Sanne, Theo en Petra, jullie staan aan de basis van mijn nieuwsgierigheid om de wereld om me heen beter te begrijpen. Mama, en papa en Jolanda, bedankt voor jullie onvoorwaardelijke steun. Jullie hebben me gevormd tot de persoon die ik ben. Annemein, Felix en Aster, wij zijn met z'n vieren een eenheid, en dat was niet anders tijdens mijn PhD. Ik kan me niet voorstellen hoe ik dit allemaal zou hebben gedaan zonder zo'n geweldig liefdevol zooitje zusjes en broertje om me heen.

### Curriculum Vitæ

Michiel Theo van der Meer was born on October 29, 1995, in Groningen, the Netherlands. He graduated with a gymnasium degree from the Jan van Egmond Lyceum in Purmerend, Noord-Holland, in 2014. Michiel then pursued both his Bachelor of Science and Master of Science in Artificial Intelligence at the University of Amsterdam, completing these degrees from 2014 to 2017 and from 2017 to 2020, respectively.

During his academic career, Michiel was actively involved in various roles. He served as a teaching assistant, was part of the education committee in his study association, and was a dedicated team member of the Dutch Nao Team from 2015 to 2019. In this team, he held several positions, including conducting weekly meetings, facilitating group decisions, and developing soccer-playing robots. Michiel traveled with his team to notable events such as Techfest 2015 in Mumbai, India, and RoboCup competitions from 2016 to 2019 in Leipzig, Germany; Tehran, Iran; Nagoya, Japan; and Montréal, Canada. He completed his master's degree cum laude in 2020, with a thesis focused on explainability in reinforcement learning.

Alongside his academic pursuits, Michiel has garnered diverse professional experience in the AI field. From 2018 to 2020, he worked as an AI developer and trainer at Millennials.ai, where he developed machine learning approaches for healthcare services and delivered lectures on AI and NLP basics to beginner audiences at various companies, governmental departments, and public institutions. In 2020, he served as a Data Engineer at InBiome in Amsterdam before embarking on his PhD studies at Leiden University, which he completed from 2020 to 2024. During his PhD studies, he took courses in transferable skills such as research methods for computer science, project and data management, and scientific conduct, among others. Starting from August 2024, Michiel is a postdoctoral researcher at the Idiap Research Institute in Martigny, Switzerland.

## List of Publications

#### 2024

- 1. Michiel van der Meer, Neele Falk, Pradeep K. Murukannaiah, Enrico Liscio. 2024. Annotator-Centric Active Learning for Subjective NLP Tasks. In Proceedings of the 2024 Conference on Empirical Methods in Natural Language Processing, pages 18537–18555, Miami, Florida, USA. Association for Computational Linguistics.
- 2. Michiel van der Meer, Enrico Liscio, Catholijn M. Jonker, Aske Plaat, Piek Vossen, Pradeep K. Murukannaiah. 2024. A Hybrid Intelligence Method for Argument Mining. In *Journal of Artificial Intelligence Research* 80, pages 1187–1222.
- 3. Michiel van der Meer. Facilitating Online Opinion Diversity through Hybrid NLP Approaches (Thesis proposal). In Proceedings of the 2024 Conference of the North American Chapter of the Association for Computational Linguistics: Human Language Technologies (Volume 4: Student Research Workshop), pages 272–284, Mexico City, Mexico. Association for Computational Linguistics.
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	•-	tell us about the whereabouts of our thoughts
	03	Shabnam Najafian (TUD). User Modeling for Privacy-preserving Explanations
	00	in Group Recommendations
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		formation retrieval
	05	Anton Bouter (CWI), Optimal Mixing Evolutionary Algorithms for Large-Scale
		Real-Valued Optimization, Including Real-World Medical Applications
	06	António Pereira Barata (UL), Reliable and Fair Machine Learning for Risk Assess-
		ment
	07	Tianjin Huang (TU/e), The Roles of Adversarial Examples on Trustworthiness of
		Deep Learning
	08	Lu Yin (TU/e), Knowledge Elicitation using Psychometric Learning
	00	V. Min - (VIIA) Coloret C. Dotoort Document of the south Concerting Tool at interest

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- 28 Floris den Hengst (VUA), Learning to Behave: Reinforcement Learning in Human Contexts
- 29 Tim Draws (TUD), Understanding Viewpoint Biases in Web Search Results
- 2024 01 Daphne Miedema (TU/e), On Learning SQL: Disentangling concepts in data systems education
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- 11 withdrawn
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- 2025 01 Max van Haastrecht (UL), Transdisciplinary Perspectives on Validity: Bridging the Gap Between Design and Implementation for Technology-Enhanced Learning Systems
  - 02 Jurgen van den Hoogen (JADS), Time Series Analysis Using Convolutional Neural Networks
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