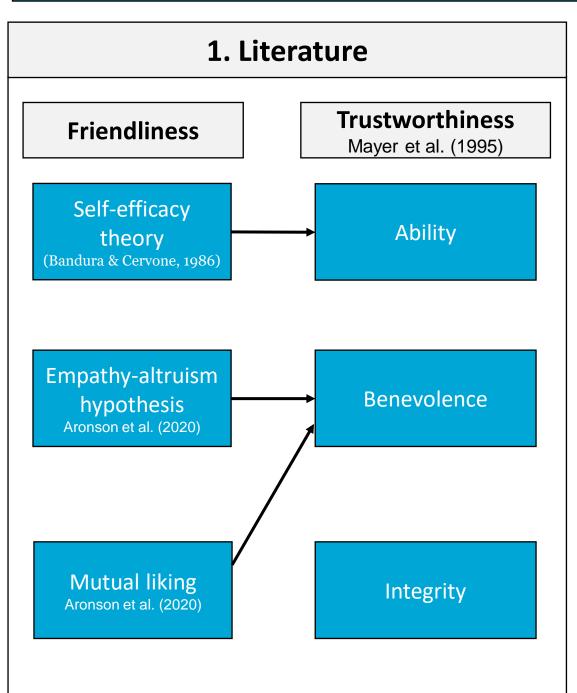


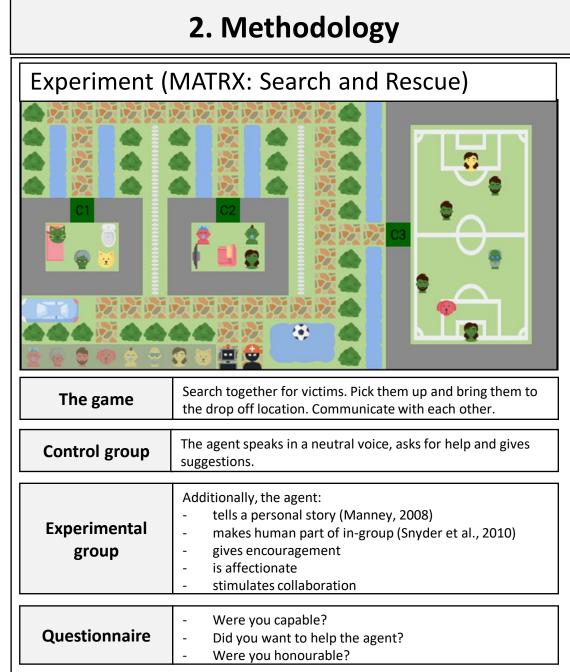
Friendly machines and difficult humans

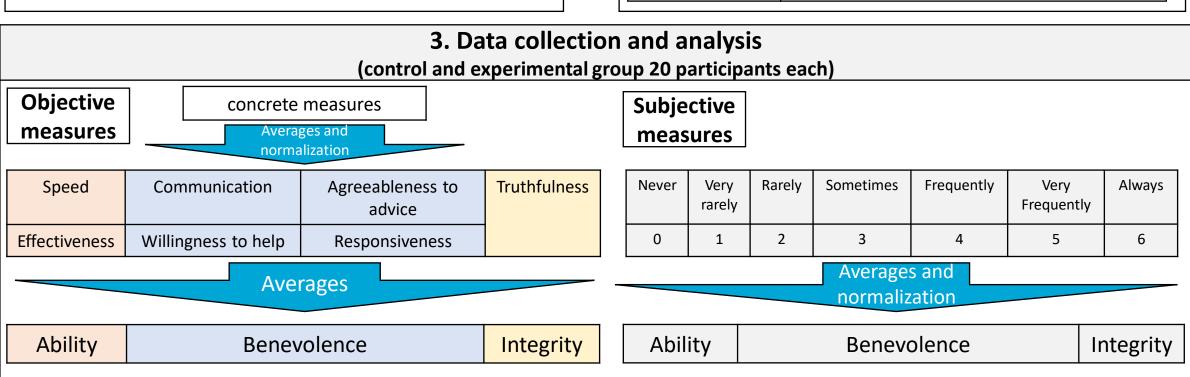


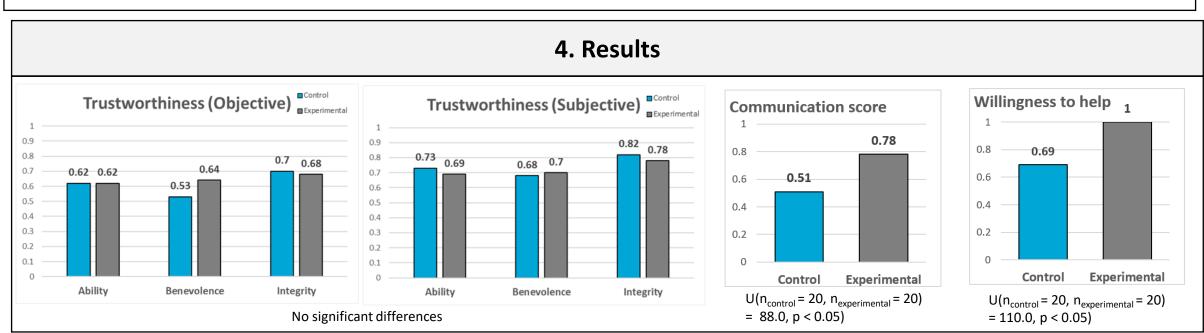
Hypothesis

Friendly behavior of an agent improves human trustworthiness









5. Limitations and future work Implementation of Confounding Validity of the friendliness variables metrics Do theories about Did the metrics really Lag in the game of the prosocial behaviour apply measure experiment. to human-agent trustworthiness? relationships as well? Differences in What are good metrics explanations by the Does an friendly to measure experimenter implementation exist that trustworthiness in an significantly improves objective way? human trustworthiness?

6. Conclusions

- The research gives some evidence that a friendly agent increases the benevolence of a human towards the agent.
- In general, the research gives insufficient evidence to confidently conclude that a friendly agent improves human trustworthiness in a collaborative setting.

6. References

- Aronson, E., Wilson, T., Akert, R., & Sommers, S. (2020). Social Psychology, Global Edition. Pearson Education Limited.
- Bandura, A., & Cervone, D. (1986, August). Differential engagement of self-reactive influences in cognitive motivation. https://doi.org/10.1016/0749-5978(86)90028-2
- Manney, P. J. (2008, September). Empathy in the Time of Technology: How Storytelling is the Key to Empathy. 51-61.
- Mayer, R. C., Davis, J. H., & Schoorman, F. D. (1995, Juli 1). An Integrative Model Of Organizational Trust.
- Snyder, M., Stürmer, S., & Snyder, M. P. C. i. P. M. (Eds.). (2010). The Psychology of Prosocial Behavior: Group Processes, Intergroup Relations, and Helping. Wiley.

Author: Justin Rademaker | Email: j.a.Rademaker@student.tudelft.nl | Supervisor: Drs. Carolina Jorge | Responsible professor: Dr. Myrthe Tielman