

References

- Alwateer, M., Atlam, E.-S., El-Raouf, M. M. A., Ghoneim, O. A., & Gad, I. (2024). Missing Data Imputation: A Comprehensive Review. *Journal of Computer and Communications*, 12(11), Article 11. <https://doi.org/10.4236/jcc.2024.1211004>
- Anthropic. (2024). *Claude Haiku 3.5* (Version 3.5) [Large Language Model]. <https://www.anthropic.com/news/3-5-models-and-computer-use>
- Appel, M., Izydorczyk, D., Weber, S., Mara, M., & Lischetzke, T. (2020). The uncanny of mind in a machine: Humanoid robots as tools, agents, and experiencers. *Computers in Human Behavior*, 102, 274–286. <https://doi.org/10.1016/j.chb.2019.07.031>
- Appelman, A., & Sundar, S. S. (2016). Measuring message credibility: Construction and validation of an exclusive scale. *Journalism & Mass Communication Quarterly*, 93(1), 59–79. <https://doi.org/10.1177/1077699015606057>
- Bartneck, C., Kulić, D., Croft, E., & Zoghbi, S. (2009). Measurement instruments for the anthropomorphism, animacy, likeability, perceived intelligence, and perceived safety of robots. *International Journal of Social Robotics*, 1(1), 71–81. <https://doi.org/10.1007/s12369-008-0001-3>
- Bartz, J. A., Tchalova, K., & Fenerci, C. (2016). Reminders of social connection can attenuate anthropomorphism: A replication and extension of Epley, Akalis, Waytz, and Cacioppo (2008). *Psychological Science*, 27(12), 1644–1650. <https://doi.org/10.1177/0956797616668510>
- Baumann, A.-E., Goldman, E. J., Meltzer, A., & Poulin-Dubois, D. (2023). People do not always know best: Preschoolers' trust in social robots. *Journal of Cognition and Development*, 24(4), 535–562. <https://doi.org/10.1080/15248372.2023.2178435>

- Ben-Shachar, M. S., Lüdtke, D., & Makowski, D. (2020). effectsize: Estimation of effect size indices and standardized parameters. *Journal of Open Source Software*, 5(56), 2815. <https://doi.org/10.21105/joss.02815>
- Burke, D., Zakhary, B., & Pinelis, E. (2014). Acute hemolysis following an overdose of miracle mineral solution in a patient with normal glucose-6-phosphate dehydrogenase levels. *Chest*, 146(4, Supplement 2), 273A. <https://doi.org/10.1378/chest.1988668>
- Campbell, C., Tanzer, M., Saunders, R., Booker, T., Allison, E., Li, E., O'Dowda, C., Luyten, P., & Fonagy, P. (2021). Development and validation of a self-report measure of epistemic trust. *PLOS ONE*, 16(4), e0250264. <https://doi.org/10.1371/journal.pone.0250264>
- Castelo, N., Bos, M. W., & Lehmann, D. R. (2019). Task-dependent algorithm aversion. *Journal of Marketing Research*, 56(5), 809–825. <https://www-jstor-org.proxy.lib.uwaterloo.ca/stable/26967271>
- Champely, S. (2020). *pwr: Basic functions for power analysis* (Version R package version 1.3-0) [Computer software]. <https://CRAN.R-project.org/package=pwr>
- Cheng, I.-H., & Hsiaw, A. (2022). Distrust in experts and the origins of disagreement. *Journal of Economic Theory*, 200(Complete). <https://doi.org/10.1016/j.jet.2021.105401>
- Clément, F., Koenig, M., & Harris, P. (2004). The ontogenesis of trust. *Mind & Language*, 19(4), 360–379. <https://doi.org/10.1111/j.0268-1064.2004.00263.x>
- Cohn, M., Pushkarna, M., Olanubi, G. O., Moran, J. M., Padgett, D., Mengesha, Z., & Heldreth, C. (2024). Believing Anthropomorphism: Examining the Role of Anthropomorphic Cues on Trust in Large Language Models. *Extended Abstracts of the CHI Conference on Human Factors in Computing Systems*, 1–15. <https://doi.org/10.1145/3613905.3650818>

- Corriveau, K., & Harris, P. L. (2009). Choosing your informant: Weighing familiarity and recent accuracy. *Developmental Science*, 12(3), 426–437. <https://doi.org/10.1111/j.1467-7687.2008.00792.x>
- Csibra, G., & Gergely, G. (2009). Natural pedagogy. *Trends in Cognitive Sciences*, 13(4), 148–153. <https://doi.org/10.1016/j.tics.2009.01.005>
- Dale, R. (2024). A year's a long time in generative AI. *Natural Language Engineering*, 30(1), 201–213. <https://doi.org/10.1017/S1351324923000554>
- De Visser, E. J., Monfort, S. S., McKendrick, R., Smith, M. A. B., McKnight, P. E., Krueger, F., & Parasuraman, R. (2016). Almost human: Anthropomorphism increases trust resilience in cognitive agents. *Journal of Experimental Psychology: Applied*, 22(3), 331–349. <https://doi.org/10.1037/xap0000092>
- Desmond, H. (2022). Status distrust of scientific experts. *Social Epistemology*, 36(5), 586–600. <https://doi.org/10.1080/02691728.2022.2104758>
- Diel, A., Weigelt, S., & Macdorman, K. F. (2021). A meta-analysis of the uncanny valley's independent and dependent variables. *ACM Transactions on Human-Robot Interaction*, 11(1), 1:1-1:33. <https://doi.org/10.1145/3470742>
- Epley, N. (2018). A mind like mine: The exceptionally ordinary underpinnings of anthropomorphism. *Journal of the Association for Consumer Research*, 3(4), 591–598. <https://doi.org/10.1086/699516>
- Epley, N., Akalis, S., Waytz, A., & Cacioppo, J. T. (2008). Creating social connection through inferential reproduction: Loneliness and perceived agency in gadgets, gods, and greyhounds. *Psychological Science*, 19(2), 114–120. <https://doi.org/10.1111/j.1467-9280.2008.02056.x>

- Epley, N., Waytz, A., Akalis, S., & Cacioppo, J. T. (2008). When we need a human: Motivational determinants of anthropomorphism. *Social Cognition*, 26(2), 143–155.
<https://doi.org/10.1521/soco.2008.26.2.143>
- Epley, N., Waytz, A., & Cacioppo, J. T. (2007). On seeing human: A three-factor theory of anthropomorphism. *Psychological Review*, 114(4), 864–886.
<https://doi.org/10.1037/0033-295X.114.4.864>
- Eyssel, F., Kuchenbrandt, D., Hegel, F., & de Ruiter, L. (2012). *Activating elicited agent knowledge: How robot and user features shape the perception of social robots*. 851–857.
<https://doi.org/10.1109/ROMAN.2012.6343858>
- Ferguson, M. J., Mann, T. C., Cone, J., & Shen, X. (2019). When and How Implicit First Impressions Can Be Updated. *Current Directions in Psychological Science*, 28(4), 331–336. <https://doi.org/10.1177/0963721419835206>
- Fonagy, P., Luyten, P., Allison, E., & Campbell, C. (2017). What we have changed our minds about: Part 2. Borderline personality disorder, epistemic trust and the developmental significance of social communication. *Borderline Personality Disorder and Emotion Dysregulation*, 4, 9. <https://doi.org/10.1186/s40479-017-0062-8>
- Fraud Detection*. (n.d.). Retrieved March 2, 2025, from <https://www.qualtrics.com/support/survey-platform/survey-module/survey-checker/fraud-detection/>
- Gong, L. (2008). How social is social responses to computers? The function of the degree of anthropomorphism in computer representations. *Computers in Human Behavior*, 24(4), 1494–1509. <https://doi.org/10.1016/j.chb.2007.05.007>

- Gray, K., & Wegner, D. M. (2012). Feeling robots and human zombies: Mind perception and the uncanny valley. *Cognition*, 125(1), 125–130.
<https://doi.org/10.1016/j.cognition.2012.06.007>
- Hendriks, F., Kienhues, D., & Bromme, R. (2015). Measuring laypeople's trust in experts in a digital age: The Muenster epistemic trustworthiness inventory (METI). *PLOS ONE*, 10(10), e0139309. <https://doi.org/10.1371/journal.pone.0139309>
- Hu, K. (2023, February 2). ChatGPT sets record for fastest-growing user base—Analyst note | Reuters. *Reuters*. <https://www.reuters.com/technology/chatgpt-sets-record-fastest-growing-user-base-analyst-note-2023-02-01/>
- Kassambara, A. (2023). *rstatix: Pipe-friendly framework for basic statistical tests* [Manual]. <https://CRAN.R-project.org/package=rstatix>
- Knapen, S., Van Diemen, R., Hutsebaut, J., Fonagy, P., & Beekman, A. (2022). Defining the Concept and Clinical Features of Epistemic Trust: A Delphi study. *Journal of Nervous & Mental Disease*, 210(4), 312–314. <https://doi.org/10.1097/NMD.0000000000001446>
- Li, E., Campbell, C., Midgley, N., & Luyten, P. (2023). Epistemic trust: A comprehensive review of empirical insights and implications for developmental psychopathology. *Research in Psychotherapy: Psychopathology, Process, and Outcome*, 26(3), 704. <https://doi.org/10.4081/ripppo.2023.704>
- Mann, T. C., & Ferguson, M. J. (2015). Can we undo our first impressions? The role of reinterpretation in reversing implicit evaluations. *Journal of Personality and Social Psychology*, 108(6), 823–849. <https://doi.org/10.1037/pspa0000021>

- Mascaro, O., & Sperber, D. (2009). The moral, epistemic, and mindreading components of children's vigilance towards deception. *Cognition*, 112(3), 367–380.
<https://doi.org/10.1016/j.cognition.2009.05.012>
- Merriam-Webster. (2024). Anthropomorphism. In *Merriam-Webster.com dictionary*.
<https://www.merriam-webster.com/dictionary/anthropomorphism>
- Mori, M., MacDorman, K. F., & Kageki, N. (2012). The uncanny valley [from the field]. *IEEE Robotics & Automation Magazine*, 19(2), 98–100. IEEE Robotics & Automation Magazine. <https://doi.org/10.1109/MRA.2012.2192811>
- Nowak, K. L. (2004). The influence of anthropomorphism and agency on social judgment in virtual environments. *Journal of Computer-Mediated Communication*, 9(2), JCMC925.
<https://doi.org/10.1111/j.1083-6101.2004.tb00284.x>
- Ooi, K.-B., Tan, G. W.-H., Al-Emran, M., Al-Sharafi, M. A., Capatina, A., Chakraborty, A., Dwivedi, Y. K., Huang, T.-L., Kar, A. K., Lee, V.-H., Loh, X.-M., Micu, A., Mikalef, P., Mogaji, E., Pandey, N., Raman, R., Rana, N. P., Sarker, P., Sharma, A., ... Wong, L.-W. (2023). The potential of generative artificial intelligence across disciplines: Perspectives and future directions. *Journal of Computer Information Systems*, 0(0), 1–32.
<https://doi.org/10.1080/08874417.2023.2261010>
- OpenAI. (2024). *ChatGPT* (Version ChatGPT-4o - May 16 version) [Large language model].
<https://chat.openai.com/chat>
- R Core Team. (2024). *R: a language and environment for statistical computing* [Manual]. R Foundation for Statistical Computing. <https://www.R-project.org/>
- R Core Team. (2025). *R: a language and environment for statistical computing* [Manual]. R Foundation for Statistical Computing. <https://www.R-project.org/>

- Revelle, W. (2024). *psych: Procedures for psychological, psychometric, and personality research* [Manual]. Northwestern University. <https://CRAN.R-project.org/package=psych>
- Schroder-Pfeifer, P., Talia, A., Volkert, J., & Taubner, S. (2018). Developing an assessment of epistemic trust: A research protocol. *Research in Psychotherapy: Psychopathology, Process, and Outcome*, 21(3), 330. <https://doi.org/10.4081/ripppo.2018.330>
- Simpson, C., & Colombatto, C. (2025, February 6). *The mind in the machine: How theory of mind capabilities in generative AI agents impact impressions* [Poster]. Lake Ontario Visionary Establishment Conference, Niagara Falls, Ontario.
<https://carolinesimpson.ca/academia/mind-in-the-machine/>
- Spencer, S. H. (2020, February 11). Fake coronavirus cures, part 1: MMS is industrial bleach. *FactCheck.Org*. <https://www.factcheck.org/2020/02/fake-coronavirus-cures-part-1-mms-is-industrial-bleach/>
- Sperber, D., Clément, F., Heintz, C., Mascaro, O., Mercier, H., Origgi, G., & Wilson, D. (2010). Epistemic vigilance. *Mind & Language*, 25(4), 359–393. <https://doi.org/10.1111/j.1468-0017.2010.01394.x>
- Sprecher, E. A., Li, E., Sled, M., & Midgley, N. (2022). ‘Trust me, we can sort this out’: A theory-testing case study of the role of epistemic trust in fostering relationships. *Qualitative Research in Psychology*, 19(4), 1117–1142.
<https://doi.org/10.1080/14780887.2022.2033898>
- Stratis, K. (2024). *What is generative AI?* O’Reilly Media, Inc.
<https://learning.oreilly.com/library/view/what-is-generative/9781098162665/ch03.html>

- Tong, Y., Wang, F., & Danovitch, J. (2020). The role of epistemic and social characteristics in children's selective trust: Three meta-analyses. *Developmental Science*, 23(2), n/a-n/a. <https://doi.org/10.1111/desc.12895>
- Vaswani, A., Shazeer, N., Parmar, N., Uszkoreit, J., Jones, L., Gomez, A. N., Kaiser, L., & Polosukhin, I. (2023). *Attention is all you need* (No. arXiv:1706.03762). arXiv. <https://doi.org/10.48550/arXiv.1706.03762>
- Waytz, A., Cacioppo, J., & Epley, N. (2010). Who sees human?: The stability and importance of individual differences in anthropomorphism. *Perspectives on Psychological Science*, 5(3), 219–232. <https://doi.org/10.1177/1745691610369336>
- Waytz, A., Heafner, J., & Epley, N. (2014). The mind in the machine: Anthropomorphism increases trust in an autonomous vehicle. *Journal of Experimental Social Psychology*, 52, 113–117. <https://doi.org/10.1016/j.jesp.2014.01.005>
- Waytz, A., Morewedge, C. K., Epley, N., Monteleone, G., Gao, J.-H., & Cacioppo, J. T. (2010). Making sense by making sentient: Effectance motivation increases anthropomorphism. *Journal of Personality and Social Psychology*, 99(3), 410–435. <https://doi.org/10.1037/a0020240>
- White, R. W. (1959). Motivation reconsidered: The concept of competence. *Psychological Review*, 66(5), 297–333. <https://doi.org/10.1037/h0040934>
- Ye, H., Liu, T., Zhang, A., Hua, W., & Jia, W. (2023). *Cognitive mirage: A review of hallucinations in large language models* (No. arXiv:2309.06794). arXiv. <https://doi.org/10.48550/arXiv.2309.06794>
- Zhang, Y., & Gosline, R. (2023). Human favoritism, not AI aversion: People's perceptions (and bias) toward generative AI, human experts, and human–GAI collaboration in persuasive

content generation. *Judgment and Decision Making*, 18, e41.

<https://doi.org/10.1017/jdm.2023.37>

Zheng, J. (Frank), & Jarvenpaa, S. (2021). Thinking technology as human: Affordances, technology features, and egocentric biases in technology anthropomorphism. *Journal of the Association for Information Systems*, 22(5), 1429–1453.

<https://doi.org/10.17705/1jais.00698>