

DAFTAR PUSTAKA

- Chang, C.-C., Boyle, L. N., Lee, J. D., and Jenness, J., 2017, Using tactile detection response tasks to assess in-vehicle voice control interactions. *Transportation Research Part F: Traffic Psychology and Behaviour*, 51, 38–46. <https://doi.org/10.1016/j.trf.2017.06.008>
- De Waard, D., 1996, The measurement of drivers' mental workload. Ph.D. thesis, University of Gronigen, Haren, The Netherlands.
- Dikmen, M. and Burns, C., 2017, Trust in autonomous vehicles: The case of tesla autopilot and summon, *IEEE International Conference on Systems, Man, and Cybernetics (SMC)*. <https://doi:10.1109/smc.2017.8122757>
- Dong, J., Lawson, E., Olsen, J., and Jeon, M., 2020, Female voice agents in fully autonomous vehicles are not only more likeable and comfortable, but also more competent. *Proceedings of the Human Factors and Ergonomics Society Annual Meeting*, 64(1), 1033–1037. <https://doi.org/10.1177/1071181320641248>
- Du, M., 2023, Autonomous Vehicle Industrialization. In: *Autonomous Vehicle Technology. Unmanned System Technologies*. Springer, Singapore. https://doi-org.ezproxy.ugm.ac.id/10.1007/978-981-19-4143-6_9
- Dzindolet, M., Pierce, L., Peterson, S., Purcell, L., and Beck, H., 2002, The influence of feedback on automation use, misuse, and disuse. In *Proceedings of the Human Factors and Ergonomics Society 46th Annual Meeting* (pp. 551–555). Santa Monica, CA: Human Factors and Ergonomics Society.
- Ekman, F., Johansson, M., and Sochor, J. (2018). Creating Appropriate Trust in automated vehicle systems: A framework for HMI design. *IEEE Transactions on Human-Machine Systems*, 48(1), 95–101. <https://doi.org/10.1109/thms.2017.2776209>

- Hoff, K.A., and Bashir, M., 2015, Trust in automation integrating empirical evidence on factors that influence trust. *Hum. Factors J. Hum. Factors Ergonomic*, 57, 407–434
- Jian, J. Y., Bisantz, A. M., and Drury, C. G., 2000, Foundations for an empirically determined scale of trust in automated systems, *International Journal of Cognitive Ergonomics*, 4(1), 53-71.
- Ji, W., Liu, R., and Lee, S. H., 2019, Do drivers prefer female voice for guidance? an interaction design about information type and speaker gender for Autonomous Driving Car. *HCI in Mobility, Transport, and Automotive Systems*, 208–224. https://doi.org/10.1007/978-3-030-22666-4_15
- Lee, J., Abe, G., Sato, K., and Itoh, M. (2021). Developing human-machine trust: Impacts of prior instruction and automation failure on driver trust in Partially Automated Vehicles. *Transportation Research Part F: Traffic Psychology and Behaviour*, 81, 384–395. <https://doi.org/10.1016/j.trf.2021.06.013>
- Lee, S., Ratan, R., and Park, T., 2019, The voice makes the car: Enhancing autonomous vehicle perceptions and adoption intention through voice agent gender and style, *Multimodal Technologies and Interaction*, 3(1), 20. <https://doi.org/10.3390/mti3010020>
- Liu, C.-C., Law, O. M. K., and Law, L., 2022 "Autonomous Vehicle," in *Understanding Artificial Intelligence: Fundamentals and Applications*, IEEE, pp.39-52, doi: 10.1002/9781119858393.ch5
- McKnight, D.H., and Chervany, N.L., 2001, Trust and distrust definitions: One bite at a time. In *Trust in Cyber-Societies*; Springer: New York, NY, USA, pp. 27–54.
- Oleszkiewicz, A., Pisanski, K., Lachowicz-Tabaczek, K., and Sorokowska, A., 2017, Voicebased assessments of trustworthiness, competence, and warmth in blind and sighted adults. *Psychon. Bull. Rev.* 24 (3), 856–862. <https://doi.org/10.3758/s13423-016-1146-y>.

- Pettersson, I., and Karlsson, I. C. M., 2015, Setting the stage for autonomous cars: A pilot study of future autonomous driving experiences. *IET Intelligent Transport Systems*, 9(7), 694–701. <https://doi.org/10.1049/iet-its.2014.0168>
- Prastiwi, P. B., dan Herliansyah, M. K., 2020, Pengaruh Gender dan Conflict Geometry Terhadap Beban Kerja Mental dan Situational Awareness Pemandu Lalu Lintas Udara, Universitas Gadjah Mada.
- Ruijten, P., Terken, J., and Chandramouli, S., 2018, Enhancing trust in autonomous vehicles through intelligent user interfaces that mimic human behavior, *Multimodal Technologies and Interaction*, 2(4), 62. <https://doi.org/10.3390/mti2040062>
- Seet, M., Harvy, J., Bose, R., Dragomir, A., Bezerianos, A., and Thakor, N., 2022, Differential impact of autonomous vehicle malfunctions on human trust. *IEEE Transactions on Intelligent Transportation Systems*, 23(1), 548–557. <https://doi.org/10.1109/tits.2020.3013278>
- Schoettle, B. and Sivak, M., 2014, Public opinion about self-driving vehicles in China, India, Japan, the U.S., the U.K., and Australia (Technical Report No. UMTRI2014-30). Ann Arbor: University of Michigan Transportation Research Institute. Available at: <http://deepblue.lib.umich.edu/bitstream/handle/2027.42/109433/103139.pdf>
- Tolmeijer, S., Zierau, N., Janson, A., Wahdatehagh, J. S., Leimeister, J. M., and Bernstein, A., 2021, Female by default? – exploring the effect of voice assistant gender and pitch on trait and trust attribution. Extended Abstracts of the 2021 CHI Conference on Human Factors in Computing Systems. <https://doi.org/10.1145/3411763.3451623>
- Wang, D., Lin, Y., Hong, L., Zhang, C., Bai, Y., and Bi, Z. Z., 2022, Detection of the driver's mental workload level in smart and autonomous systems using physiological signals. *Mathematical Problems in Engineering*, 1–13. <https://doi.org/10.1155/2022/5233257>
- Waytz, A., Heafner, J., and 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>

Zhang, H., Zhang, Y., Xiao, Y., and Wu, C., 2022, Analyzing the influencing factors and workload variation of takeover behavior in semi-autonomous vehicles. *International Journal of Environmental Research and Public Health*, 19(3), 1834. <https://doi.org/10.3390/ijerph19031834>

Y. Forster, F. Naujoks and A. Neukum., 2017, Increasing anthropomorphism and trust in automated driving functions by adding speech output, in IEEE Intelligent Vehicles Symposium (IV).