

DAFTAR PUSTAKA

- Åbele, L., Haustein, S., Møller, M., & Martinussen, L. M., 2018, Consistency between subjectively and objectively measured hazard perception skills among young male drivers. *Accident Analysis and Prevention*, pp.214–220.
- Bellet, T., & Banet, A., 2012, Towards a conceptual model of motorcyclists' Risk Awareness: A comparative study of riding experience effect on hazard detection and situational criticality assessment. *Accident Analysis and Prevention*, pp.154–164.
- Borowsky, A., Shinar, D., & Oron-Gilad, T., 2010, Age, skill, and hazard perception in driving. *Accident Analysis and Prevention*, pp.1240–1249.
- Bromberg, S., Oron-Gilad, T., Ronen, A., Borowsky, A., & Parmet, Y., 2012, The perception of pedestrians from the perspective of elderly experienced and experienced drivers. *Accident Analysis and Prevention*, pp. 48–55.
- Burge, R., & Chaparro, A., 2012, The effects of texting and driving on hazard perception. *Proceedings of the Human Factors and Ergonomics Society*, pp. 715–719.
- Burge, R., & Chaparro, A., 2018, An investigation of the effect of texting on hazard perception using fuzzy signal detection theory (fSDT). *Transportation Research Part F: Traffic Psychology and Behaviour*, pp. 123–132.
- Castro, C., Padilla, J. L., Roca, J., Benítez, I., García-Fernández, P., Estévez, B., López-Ramón, M. F., & Crundall, D., 2014, Development and Validation of the Spanish Hazard Perception Test. *Traffic Injury Prevention*, pp. 817–826.
- Castro, C., Padilla, J. L., Doncel, P., Garcia-Fernandez, P., Ventsislavova, P., Eisman, E., & Crundall, D., 2019, How are distractibility and hazard prediction in driving related? Role of driving experience as moderating factor. *Applied Ergonomics*, pp. 102-106.
- Crundall, D., 2016, Hazard prediction discriminates between novice and experienced drivers. *Accident Analysis and Prevention*, pp. 47–58.

- Crundall, D., Chapman, P., Trawley, S., Collins, L., Van Loon, E., Andrews, B., & Underwood, G., 2012, Some hazards are more attractive than others: Drivers of varying experience respond differently to different types of hazard. *Accident Analysis and Prevention*, pp. 600–609.
- Crundall, D., Van Loon, E., Stedmon, A. W., & Crundall, E., 2013, Motorcycling experience and hazard perception. *Accident Analysis and Prevention*, pp. 456–464.
- Durbin, D. R., McGehee, D. V, Fisher, D., & McCartt, A., 2014, Special considerations in distracted driving with teens. *Annals of Advances in Automotive Medicine. Association for the Advancement of Automotive Medicine. Annual Scientific Conference*, pp. 69–83.
- Eagly, A. H., & Chaiken, S. ,1993, *The psychology of attitudes*, Harcourt brace Jovanovich college publishers.
- Edgar, G. K., Catherwood, D., Baker, S., Sallis, G., Bertels, M., Edgar, H. E., Nikolla, D., Buckle, S., Goodwin, C., & Whelan, A., 2018, Quantitative Analysis of Situation Awareness (QASA): modelling and measuring situation awareness using signal detection theory. *Ergonomics*, pp. 762–777.
- Erdfelder, E., FAul, F., Buchner, A., & Lang, A. G., 2009, Statistical power analyses using G*Power 3.1: Tests for correlation and regression analyses. *Behavior Research Methods*, pp. 1149–1160.
- Erdfelder, E., Auer, T. S., Hilbig, B. E., Abfalg, A., Moshagen, M., & Nadarevic, L, 2009, Multinomial processing tree models: A review of the literature. *Zeitschrift für Psychologie/Journal of Psychology*, pp. 108-124.
- Gloria, 202, Pakar UGM Sebut Empat Faktor Penyebab Kecelakaan di Jalan Tol. <https://ugm.ac.id/id/berita/21920-pakar-ugm-sebut-empat-faktor-penyebab-kecelakaan-di-jalan-tol>, (online accessed 21 November 2021).
- Grayson, G. B., & Sexton, B. F., 2002, The development of hazard perception testing. Crowthorne, Berkshire, England: Transport Research Laboratory.
- Gugliotta, A., Ventsislavova, P., Garcia-Fernandez, P., Peña-Suarez, E., Eisman, E., Crundall, D., & Castro, C., 2017, Are situation awareness and decision-making in driving totally conscious processes? Results of a hazard prediction

task. *Transportation Research Part F: Traffic Psychology and Behaviour*, pp. 168–179.

Hill, A., Horswill, M. S., Whiting, J., & Watson, M. O., 2019, Computer-based hazard perception test scores are associated with the frequency of heavy braking in everyday driving. *Accident Analysis and Prevention*, 122, pp. 207–214.

Horswill, M. S., & McKenna, F. P., 2004, *Drivers' hazard perception ability: Situation awareness on the road*, pp. 155–175.

Horswill, M. S., 2016, Hazard Perception in Driving. *Current Directions in Psychological Science*, 25(6), pp. 425–430.

Hosking, S. G., Liu, C. C., & Bayly, M., 2010, The visual search patterns and hazard responses of experienced and inexperienced motorcycle riders. *Accident Analysis and Prevention*, 42(1), pp. 196–202.

Huestegge, L., Skottke, E. M., Anders, S., Müsseler, J., & Debus, G., 2010, The development of hazard perception: Dissociation of visual orientation and hazard processing. *Transportation Research Part F: Traffic Psychology and Behaviour*, 13(1), pp. 1–8.

Iversen, H., 2004, Risk-taking attitudes and risky driving behaviour. *Transportation Research Part F: Traffic Psychology and Behaviour*, 7(3), pp. 135–150.

KNKT, 2019, *Laporan Investigasi Kecelakaan Transportasi Tahun 2015-2019*.

Kominfo., 2017, *Rata-rata Tiga Orang Meninggal Setiap Jam Akibat Kecelakaan Jalan*. https://kominfo.go.id/index.php/content/detail/10368/rata-rata-tiga-orang-meninggal-setiap-jam-akibat-kecelakaan-jalan/0/artikel_gpr, (online accessed 20 November 2021).

Lajunen, T., & Özkan, T., 2011, Self-report instruments and methods. *Handbook of Traffic Psychology*, pp. 43–59.

Lawton, R., Parker, D., Manstead, A. S., & Stradling, S. G., 1997, The role of affect in predicting social behaviors: The case of road traffic violations. *Journal of applied social psychology*, 27(14), pp. 1258-1276

- Lee, S. E., Klauer, S. G., Olsen, E. C. B., Simons-Morton, B. G., Dingus, T. A., Ramsey, D. J., & Ouimet, M. C., 2008, Detection of road hazards by novice teen and experienced adult drivers. *Transportation Research Record*, 2078, pp. 26–32.
- Liang, B., & Lin, Y., 2018, Using physiological and behavioral measurements in a picture-based road hazard perception experiment to classify risky and safe drivers. *Transportation Research Part F: Traffic Psychology and Behaviour*, 58, pp. 93–105.
- Liu, J., Wang, C., Liu, Z., Feng, Z., & Sze, N. N., 2021, Drivers' Risk Perception and Risky Driving Behavior under Low Illumination Conditions: Modified Driver Behavior Questionnaire (DBQ) and Driver Skill Inventory (DSI). *Journal of Advanced Transportation*, 2021.
- Lu, Y., Hinze, J., & Li, Q., 2011, Developing fuzzy signal detection theory for workers' hazard perception measures on subway operations. *Safety Science*, 49(3), pp. 491–497.
- Makishita, H., & Matsunaga, K., 2008, Differences of drivers' reaction times according to age and mental workload. *Accident Analysis and Prevention*, 40(2), pp. 567–575.
- Malone, S., & Brünken, R., 2015, Hazard Perception Assessment – How Much Ecological Validity is Necessary? *Procedia Manufacturing*, 3(Ahfe), pp. 2769–2776.
- Martinussen, L. M., Møller, M., Prato, C. G., & Haustein, S., 2017, How indicative is a self-reported driving behaviour profile of police registered traffic law offences? *Accident Analysis and Prevention*, 99, pp. 1–5.
- McGuinness, B., 2012, Signal detection theory and the assessment of situation awareness. *Decision Making in Complex Environments*, 1993, pp. 299–310.
- McKenna, F. P., & Crick, J. L., 1994, Hazard perception in drivers: A methodology for testing and training. TRL contractor report, (313).
- Moran, C., Bennett, J. M., & Prabhakaran, P., 2019, Road user hazard perception tests: A systematic review of current methodologies. *Accident Analysis and Prevention*, 129, pp. 309–333.

- Pahlevi, R., 2021, *Mayoritas Korban Kecelakaan Lalu Lintas Berusia Produktif*.
<https://databoks.katadata.co.id/datapublish/2021/11/09/mayoritas-korban-kecelakaan-lalu-lintas-berusia-produktif> (online accessed 21 November 2021)
- Parlangeli, O., Bracci, M., Guidi, S., Marchigiani, E., & Duguid, A. M., 2018, Risk perception and emotions regulation strategies in driving behaviour: An analysis of the self-reported data of adolescents and young adults. *International Journal of Human Factors and Ergonomics*, 5(2), pp. 166–187.
- Plummer, J. P., Diamond, A., Chaparro, A., & Ni, R., 2019, Hazard Perception in City and Highway Environments. *Proceedings of the Human Factors and Ergonomics Society Annual Meeting*, 63(1), pp. 1404–1408.
- Pollatsek, A., Narayanaan, V., Pradhan, A., & Fisher, D. L., 2006, Using eye movements to evaluate a PC-based risk awareness and perception training program on a driving simulator. *Human Factors*, 48(3), pp. 447–464.
- Pradhan, A. K., & Crundall, D., 2016, Hazard avoidance in young novice drivers: Definitions and a framework. In *Handbook of teen and novice drivers* (pp. 81-94). CRC Press.
- Quimby, A. R., & Watts, G. R., 1981, *Human factors and driving performance*, No. LR 1004 Monograph.
- Railroad, F., 2013, *Understanding Driver Behavior at Grade Crossings through Signal Detection Theory Human Factors in Railroad Operations*. January.
- Ramadhan, A., 2019, *Polri Sebut Jumlah Kecelakaan Lalu Lintas Meningkat pada 2019*. <https://nasional.kompas.com/read/2019/12/28/10355741/polri-sebut-jumlah-kecelakaan-lalu-lintas-meningkat-pada-2019> (online accessed 24 Nov 2021)
- Ravel, S., 2021, *Pelajar dan Usia Muda, Terbanyak Jadi Korban Kecelakaan Lalu Lintas*.
<https://otomotif.kompas.com/read/2021/09/25/081200415/pelajar-dan-usia-muda-terbanyak-jadi-korban-kecelakaan-lalu-lintas> (online accessed 24 Nov 2021).

- Reason, J., Manstead, A., Stephen, S., Baxter, J., & Campbell, K., 1990, Errors and violations on the roads: A real distinction? *Ergonomics*, 33(10–11), pp. 1315–1332.
- Reyna, V. F., & Farley, F., 2006, Risk and rationality in adolescent decision making: Implications for theory, practice, and public policy. *Psychological Science in the Public Interest, Supplement*, 7(1), pp. 1–44.
- Roman, G. D., Poulter, D., Barker, E., McKenna, F. P., & Rowe, R., 2015, Novice drivers' individual trajectories of driver behavior over the first three years of driving. *Accident Analysis and Prevention*, 82, pp. 61–69.
- Rosenbloom, T., Perlman, A., & Pereg, A., 2011, Hazard perception of motorcyclists and car drivers. *Accident Analysis and Prevention*, 43(3), pp. 601–604.
- Sagberg, F., & Bjørnskau, T., 2006, Hazard perception and driving experience among novice drivers. *Accident Analysis and Prevention*, 38(2), pp. 407–414.
- Sanocki, T., Islam, M., Doyon, J. K., & Lee, C., 2015, Rapid scene perception with tragic consequences: observers miss perceiving vulnerable road users, especially in crowded traffic scenes. *Attention, Perception, and Psychophysics*, 77(4), pp. 1252–1262.
- Scialfa, C. T., Deschênes, M. C., Ference, J., Boone, J., Horswill, M. S., & Wetton, M., 2011, A hazard perception test for novice drivers. *Accident Analysis and Prevention*, 43(1), pp. 204–208.
- Scott-Parker, B., 2017, Emotions, behaviour, and the adolescent driver: A literature review. *Transportation Research Part F: Traffic Psychology and Behaviour*, 50, pp. 1–37.
- Silverman, I. W., 2006, Sex differences in simple visual reaction time: A historical meta-analysis. *Sex Roles*, 54(1–2), pp. 57–68.
- Stanislaw, H., & Todorov, N., 1999, Calculation of signal detection theory measures. *Behavior Research Methods, Instruments, and Computers*, 31(1), pp. 137–149.

- Stanojević, P., Lajunen, T., Jovanović, D., Sârbescu, P., & Kostadinov, S., 2018, The driver behaviour questionnaire in South-East Europe countries: Bulgaria, Romania and Serbia. *Transportation Research Part F: Traffic Psychology and Behaviour*, 53, pp. 24–33.
- Stephens, A. N., Koppel, S., Young, K. L., Chambers, R., & Hasted, C., 2018, Associations between self-reported mindfulness, driving anger and aggressive driving. *Transportation Research Part F: Traffic Psychology and Behaviour*, 56, pp. 149–155.
- Swets, J. A. and Pickett, R. M., 1982, Evaluation of Diagnostic Systems: Methods from Signal Detection Theory. New York: Academic Press.
- Swets J. A. and Kristofferson, A. B. Attention. *Annual Review of Psychology*, 1970, 21, 339-366.
- Trick, L. M., Enns, J. T., Mills, J., & Vavrik, J., 2004, Paying attention behind the wheel: A framework for studying the role of attention in driving. *Theoretical Issues in Ergonomics Science*, 5(5), pp. 385–424.
- Ventsislavova, P., & Crundall, D., 2018, The hazard prediction test: A comparison of free-response and multiple-choice formats. *Safety Science*, 109(January), pp. 246–255.
- Ventsislavova, P., Crundall, D., Baguley, T., Castro, C., Gugliotta, A., Garcia-Fernandez, P., Zhang, W., Ba, Y., & Li, Q., 2019, A comparison of hazard perception and hazard prediction tests across China, Spain and the UK. *Accident Analysis and Prevention*, 122(November 2018), pp. 268–286.
- Ventsislavova, P., Gugliotta, A., Penã-Suarez, E., Garcia-Fernandez, P., Eisman, E., Crundall, D., & Castro, C., 2016, What happens when drivers face hazards on the road? *Accident Analysis and Prevention*, 91, pp. 43–54.
- Vlakveld, W. P., 2014, A comparative study of two desktop hazard perception tasks suitable for mass testing in which scores are not based on response latencies. *Transportation Research Part F: Traffic Psychology and Behaviour*, 22, pp. 218–231.
- Wallis, T. S. A., & Horswill, M. S., 2007, Using fuzzy signal detection theory to determine why experienced and trained drivers respond faster than novices in

- a hazard perception test. *Accident Analysis and Prevention*, 39(6), pp. 1177–1185.
- Wetton, M. A., Hill, A., & Horswill, M. S., 2011, The development and validation of a hazard perception test for use in driver licensing. *Accident Analysis and Prevention*, 43(5), pp. 1759–1770.
- WHO, 2020, *Road traffic injuries*. <https://www.who.int/news-room/fact-sheets/detail/road-traffic-injuries> (online accessed 24 Nov 2021)
- Wickens, T. D., 2001, Elementary signal detection theory. Oxford university press.
- Wibowo, E. A., 2017, 10 Penyebab Utama Kecelakaan Lalu Lintas Menurut Korlantas Polri. <https://otomotif.tempo.co/read/1022850/10-penyebab-utama-kecelakaan-lalu-lintas-menurut-korlantas-polri> (online accessed 24 Nov 2021)
- Williams, A. F., 2003, Views of U.S. drivers about driving safety. *Journal of Safety Research*, 34(5), pp. 491–494.
- Wood, J. M., Black, A. A., Anstey, K. J., & Horswill, M. S., 2021, Hazard perception in older drivers with eye disease. *Translational Vision Science and Technology*, 10(1), pp. 1–7.
- Yeung, J. S., & Wong, Y. D., 2015, Effects of driver age and experience in abrupt-onset hazards. *Accident Analysis and Prevention*, 78, pp. 110–117.
- Zeuwts, L. H. R. H., Vansteenkiste, P., Deconinck, F. J. A., Cardon, G., & Lenoir, M., 2017, Hazard perception training in young bicyclists improves early detection of risk: A cluster-randomized controlled trial. *Accident Analysis and Prevention*, 108(May 2016), pp. 112–121.
- Zhao J., Zhang Y. and Cao G., "Data Pouring and Buffering on the Road: A New Data Dissemination Paradigm for Vehicular Ad Hoc Networks," in IEEE Transactions on Vehicular Technology, 56(6), pp. 3266–3277.
- Zimasa, T., Jamson, S., & Henson, B., 2017, Are happy drivers safer drivers? Evidence from hazard response times and eye tracking data. *Transportation Research Part F: Traffic Psychology and Behaviour*, 46, pp.14–23.