

## DAFTAR PUSTAKA

- Akala, A. (2023). Role of ergonomics in minimizing the risk of accidents and injuries while driving. *Journal of Ergonomics*.
- Amin, S., et al. (2021). Driver fatigue detection based on road conditions and environment.
- Andy Field. (2017). *Discovering Statistics Using IBM SPSS Statistics* (5 Th Editi). Sage Edge.
- Apriliana, L., & Agustina, A. (2022). Faktor-Faktor yang Berhubungan dengan Kelelahan Kerja pada Pengemudi Distribusi Produksi di PT Aneka Gas Industri Tbk-Bekasi Tahun 2021. *Jurnal Persada Husada Indonesia*, 8(31), 40–51. <https://doi.org/10.56014/jphi.v8i31.332>
- APSIL, E., MARWANTO, A., & GAZALI, M. (2023). Hubungan Kelelahan Kerja Dengan Resiko Kecelakaan Pada Supir Truk Angkutan Batu Bara. *Journal of Nursing and Public Health*, 11(2), 547–553. <https://doi.org/10.37676/jnph.v11i2.5221>
- Asrol, M. (2022). *Improving The Efficiency Of The Production Process In The Surface Mount Technology (Smt) Industry With A Lean Manufacturing Approach Oleh: Zuryensi I* (Vol. 30, Issue 3).
- Caffò, A. O., Tinella, L., Lopez, A., Spano, G., Massaro, Y., Lisi, A., Stasolla, F., Catanesi, R., Nardulli, F., Grattagliano, I., & Bosco, A. (2020). The drives for driving simulation: A scientometric analysis and a selective review of reviews on simulated driving research. *Frontiers in Psychology*, 11(May). <https://doi.org/10.3389/fpsyg.2020.00917>
- Chamine, I., & Oken, B. S. (2016). Aroma effects on physiologic and cognitive function following acute stress. *Journal of Alternative and Complementary Medicine*.
- Clark, C. C., & Sikes, C. (2019). Olfactory influence of coffee aroma on alertness and cognitive performance. *Journal of Environmental Psychology*, 65, 101338.
- Costedoat, G., Chao, A., & Feria, C. S. (2023). The Effects of Physiological and Mental Fatigue on Driving Performance and an Analysis of Countermeasures.

- Proceedings of the Human Factors and Ergonomics Society, 67(1), 1953–1957.  
<https://doi.org/10.1177/21695067231192414>
- De Vries, J., Michielsen, H. J., & Van Heck, G. L. (2004). Assessment of fatigue among working people: A comparison of six questionnaires. *Occupational and Environmental Medicine*, 61(Suppl 1), i10–i
- Diego, M. A., Jones, N. A., Field, T., & Hernandez-Reif, M. (1998). Aromatherapy positively affects mood, EEG patterns of alertness and math computations. *International Journal of Neuroscience*, 96(3–4), 217–224.
- Direktorat Statistik Distribusi. (2024). *Statistik Transportasi Darat*. Volume 9.
- Dr.Ir. Marelianda Al Dianty, S.T., M.Sc., C., Drs. Bambang Suhartawan, M. M., Dra. Daawia, M. S., Dr. Drs. H. Mohzana, S.Pd., M. P., Dr. Agus Suprpto, S.P., M.P., I., Ni Putu Agustini, S.K.M., M. S., drg. Putri Erlyn, M. K., Febrya Christin H. Buan, S.Kom., M. S., Dr. Ir. I Komang Agusjaya Mataram, M. K., & Achmad, S.E., M. . (2016). *STATISTIK DASAR*.
- Epy, M., Manurung, M., Banjarnahor, R., & Manurung, A. (2024). Pertolongan Pertama Pada Masyarakat Yang Mengalami Kecelakaan Lalu Lintas. 02(02), 51–58.
- Fahri, H., Fauzan, A., & Jalpi, A. (2021). Faktor-faktor yang Berhubungan dengan Kelelahan Kerja pada Sopir Angkutan Batubara di PT. Panca Bina Banua Kabupaten Tanah Bumbu Tahun 2021. *Uniska*, 29.
- Field, A. (2013). *Discovering Statistics Using IBM SPSS Statistics* (4th ed.). SAGE Publications.
- Ghasemi, A., & Zahediasl, S. (2012). Normality tests for statistical analysis: A guide for non-statisticians. *International Journal of Endocrinology and Metabolism*, 10(2), 486–489.
- Girden, E. R. (1992). *ANOVA: Repeated Measures*. Sage University Paper Series on Quantitative Applications in the Social Sciences.
- Gowell, D. C. (2013). *Statistical Methods for Psychology* (8th ed.). Cengage Learning.
- Hakim, B., & Yusup, M. (2024). Membangun Lingkungan Kerja Yang Ergonomis Pada PT Dwi Mitra Teknindo. *Jurnal Manajemen Bisnis Digital Terkini (JUMBIDTER)*, 1(3), 93–105.

- Hamdan, Rosdiana, Misnawati, A., Djano, N. A. R., & Rustam, R. (2024). Hubungan Sikap, Persepsi, dan Keterampilan Mengendara Siswa Terhadap Perilaku Keselamatan Berkendara Safety Riding di SMKN 2 LUWU. *Media Publikasi Promosi Kesehatan Indonesia (MPPKI)*, 7(5), 1343–1350. <https://doi.org/10.56338/mppki.v7i5.5349>
- Han, H., Li, K., & Li, Y. (2022). Monitoring Driving in a Monotonous Environment: Classification and Recognition of Driving Fatigue Based on Long Short-Term Memory Network. *Journal of Advanced Transportation*, 2022. <https://doi.org/10.1155/2022/6897781>
- He, J., Li, Z., Ma, Y., Sun, L., & Ma, K.-H. (2023). Physiological and Behavioral Changes of Passive Fatigue on Drivers during On-Road Driving. *Applied Sciences (Switzerland)*, 13(2). <https://doi.org/10.3390/app13021200>
- Herz, R. S. (2009). Aromatherapy facts and fictions: A scientific analysis of olfactory effects on mood, physiology, and behavior. *International Journal of Neuroscience*.
- Helda Canada, M. G., Jaurigue, J. O., Katriz Mae Antonio, K. C., Ilagan, J. B., & Tri Prasetyo, Y. (2021). Assessment of Fatigue through Working Environment and Hazardous Driving Behavior among Drivers. *ACM International Conference Proceeding Series*, July 2021, 158–166. <https://doi.org/10.1145/3460824.3460849>
- Ibrahim, M. S., Kamat, S. R., Shamsuddin, S., & Fukumi, M. (2024). An Investigation of Heart Rate and Oxygen Saturation Level (SpO2) in Indicating Driving Fatigue. *Malaysian Journal of Medicine and Health Sciences*, 20(3), 97–103. <https://doi.org/10.47836/mjmhs.20.3.14>
- Jannah, M., Rizalmi, S. R., & Leksono, V. A. (2023). Identifikasi Tingkat Kelelahan dan Beban Kerja pada Pekerja UMKM Fortuin Home Decor Balikpapan. *Journal of Industrial Science and Technology*, V(I), 1–4. <https://jurnal.usk.ac.id/i-Sat/article/view/32234%0Ahttps://jurnal.usk.ac.id/i-Sat/article/download/32234/18123>
- Jiang, X., Muthusamy, K., Chen, J., & Fang, X. (2024). Scented Solutions: Examining the Efficacy of Scent Interventions in Mitigating Driving Fatigue. *Sensors*, 24(8), 1–14. <https://doi.org/10.3390/s24082384>

- Junaedi, D. I. (2021). Penerapan Faktor Ergonomi pada Laboratorium Komputer STMIK Sumedang Dalam Menunjang Kenyamanan Pengguna. *Jurnal Ilmu-Ilmu Informatika Dan Manajemen STMIK*, 15(1), 1–10.
- Keselman, H. J., Algina, J., & Kowalchuk, R. K. (2014). Repeated Measures Analyses. *Wiley StatsRef: Statistics Reference Online*, 1–31. <https://doi.org/10.1002/9781118445112.stat03686>
- Lady, Rizqandini, T. (2020). Efek usia, pengalaman berkendara, dan tingkat kecelakaan terhadap driver behavior pengendara sepeda motor. *Jurnal Teknologi*, 12(1), 57–64.
- Langenberg, B., Helm, J. L., & Mayer, A. (2022). Repeated Measures ANOVA with Latent Variables to Analyze Interindividual Differences in Contrasts. *Multivariate Behavioral Research*, 57(1), 2–19. <https://doi.org/10.1080/00273171.2020.1803038>
- Lestari, I. D., Chirzun, A., & Nurhasanah, N. (2023). Analisis Kelelahan Kerja Menggunakan Fatigue Assessment Scale pada PT. Indonesia Power Priok POMU. *Metris: Jurnal Sains Dan Teknologi*, 23(02), 100–107. <https://doi.org/10.25170/metris.v23i02.3897>
- Li, T., Sun, H., Wang, M., Dai, W., & Qian, X. (2024). An Empirical Study on the Effect of Blended Scents in Driving Environments From a Neuro-Cognitive Perspective. *Brain and Behavior*, 14(10), e70082. <https://doi.org/10.1002/brb3.70082>
- Mardikawati, B., Suartawan, P. E., & Mulyaningtyas, D. O. (2023). Pelatihan Keselamatan Berlalu Lintas sebagai Upaya Preventif Menurunkan Angka Kecelakaan. *Empowerment: Jurnal Pengabdian Masyarakat*, 2(4), 169–180. <https://doi.org/10.55983/empjcs.v2i4.414>
- Maulana, R., Ginanjar, R., & Masitha Arsyati, A. (2021). Faktor-Faktor Yang Hubungan Dengan Kelelahan Kerja Pada Pengemudi Bus Antar Kota Antar Provinsi (Akap) Pt Eka Sari Lorena Transport Tbk Bogor Tahun 2020. *Promotor*, 4(5), 436–446. <https://doi.org/10.32832/pro.v4i5.5656>
- Mayasari, P., Kustono, D., & Devi, M. (2016). Faktor-faktor ergonomi yang berhubungan dengan produktivitas kerja. *Jurnal Pendidikan: Teori, Penelitian, dan Pengembangan*.

- Michielsen, H. J., De Vries, J., & Van Heck, G. L. (2003). Psychometric qualities of a brief self-rated fatigue measure: The Fatigue Assessment Scale. *Journal of Psychosomatic Research*, 54(4), 345–352.
- Mollica, J. A., Schwerha, D., & Wei, M. (2020). Exploring the Relationship between Patient Acuity and Fatigue among Nurses. 2507(February), 1–9. <https://doi.org/10.1177/1071181321651016>
- Moss, M., Hewitt, S., Moss, L., & Wesnes, K. (2008). Modulation of cognitive performance and mood by aromas of peppermint and ylang-ylang. *International Journal of Neuroscience*.
- Moss, M., Ho, J., Swinburne, S., & Turner, A. (2023). Aroma of the essential oil of peppermint reduces aggressive driving behaviour in healthy adults. *Human Psychopharmacology*, 38(2). <https://doi.org/10.1002/hup.2865>
- Mustafa, M., Rustam, N., & Siran, R. (2017). Fragrance Impact on Driving Performance. *Asian Journal of Quality of Life*, 2(5), 21–30. <https://doi.org/10.21834/ajqol.v2i5.8>
- Nuryadi, N., Astuti, D., Utami, S., & M Budiantara, M. B. (2017). Dasar-dasar statistik penelitian.
- Pratikno, F. A., Zamzani, M. I., & Setiowati, N. O. (2023). *Application of Root Conflict Analysis (RCA+) to Identify Contradiction in Manufacturing Process. G-Tech: Jurnal Teknologi Terapan*, 7(2), 722–729. <https://doi.org/10.33379/gtech.v7i2.2448>
- Purnomo, D. H., & Lukman, M. (2020). *Reduce Waste using Integration of Lean Six Sigma and TRIZ Method: A Case Study in Wood Industry. Jurnal Teknik Industri*, 21(2), 139–152. <https://doi.org/10.22219/JTIUMM.Vol21.No2.139-152>
- Ryan, C. (2021). Repeated Measures ANOVA. *Data Science with R for Psychologists and Healthcare Professionals*, 8057, 219–232. <https://doi.org/10.1201/9781003106845-19>
- Saputra, A. D., 2018. Studi Tingkat Kecelakaan Lalu Lintas Jalan di Indonesia Berdasarkan Data KNKT (Komite Nasional Keselamatan Transportasi) dari Tahun 2007-2016.. *Warta Penelitian Perhubungan* 29, no 2, pp. 179-190.

- Seo, Y., Kim, S., Jeong, S., Lee, D., & ... (2020). Effect of Aroma Therapy on the Stress Alleviation and Job Satisfaction of Taxi Drivers. *Journal of Forest and ...*, 36(4), 318–325.
- Shi, L., Zheng, L., Jin, D., Lin, Z., Zhang, Q., & Zhang, M. (2022). Assessment of Combination of Automated Pupillometry and Heart Rate Variability to Detect Driving Fatigue. *Frontiers in Public Health*, 10(February), 1–8. <https://doi.org/10.3389/fpubh.2022.828428>
- Sjörs Dahlman, A., Ljung Aust, M., Mama, Y., Hasson, D., & Anund, A. (2024b). In-vehicle fragrance administration as a countermeasure for driver fatigue. *Accident Analysis and Prevention*, 195(March 2023). <https://doi.org/10.1016/j.aap.2023.107429>
- Su, Z., Woodman, R., Smyth, J., & Elliott, M. (2023). The relationship between aggressive driving and driver performance: A systematic review with meta-analysis. *Accident Analysis and Prevention*, 183(April 2022), 106972. <https://doi.org/10.1016/j.aap.2023.106972>
- Suryani, Y., Alviana, V., & Apriliani, W. (2023). Tinjauan batas minimal usia pengemudi bermotor berdasarkan Undang-Undang Nomor 22 Tahun 2009 tentang lalu lintas terhadap psikologis anak di bawah umur 17 tahun. *INNOVATIVE: Journal Of Social Science Research*, 3, 360–367. <http://j-innovative.org/index.php/Innovative/article/view/324>
- Suzan, V., Kanat, B. B., & Yavuzer, H. (2022). Fatigue and primary sarcopenia in geriatric patients. *Revista Da Associacao Medica Brasileira*, 68(11), 1565–1570. <https://doi.org/10.1590/1806-9282.20220662>
- Tsoutsis, V., et al. (2023). Subjective fatigue measurement and its relevance in occupational and transport safety research. *Safety Science*.
- Tsoutsis, V., Papadakaki, M., Yannis, G., Pavlou, D., Basta, M., Chliaoutakis, J., & Dikeos, D. (2023). Driving Behaviour in Depression Based on Subjective Evaluation and Data from a Driving Simulator. *International Journal of Environmental Research and Public Health*, 20(8). <https://doi.org/10.3390/ijerph20085609>
- Wang, C., et al. (2020). Influence of road geometry on driver workload and fatigue.

- Wickens, C. D., Hollands, J. G., Banbury, S., & Parasuraman, R. (2015). Engineering psychology and human performance. Psychology Press.
- World Health Organization. (2023). Organisasi Kesehatan Dunia (WHO). <https://www.who.int/>
- Yan, L., Wen, T., Zhang, J., Chang, L., Wang, Y., Liu, M., Ding, C., & Yan, F. (2021). An evaluation of executive control function and its relationship with driving performance. *Sensors*, 21(5), 1–20. <https://doi.org/10.3390/s21051763>
- Zahra, A. H., & Prastawa, H. (2023). Pengukuran Beban Kerja Mental Menggunakan Metode Nasa – Task Load Index Pada Karyawan Pt . Pln ( Persero ) Unit Layanan Pelanggan Semarang Tengah. *Industrial Engineering Online Journal*, 12(3).
- Zepeda, O., et al. (2023). Examining driver behavior under controlled road environments.
- Zhang, R., Xu, Q., Peng, Z., Parkinson, S., & Schoeffmann, K. (2022). Transfer Entropy Based Causality from Head Motion to Eye Movement for Visual Scanning in Virtual Driving. *BioRxiv*, 1–26.
- Zhou, W., Ying, T., Yang, L., Yang, Y., Yuan, J., & Du, M. (2017). Design of an intelligent driving system simulation platform and its application. 2017 IEEE Symposium Series on Computational Intelligence, SSCI 2017 - Proceedings, 2018-Janua, 1–7. <https://doi.org/10.1109/SSCI.2017.8280901>



INSTITUT TEKNOLOGI  
KALIMANTAN