

## DAFTAR PUSTAKA

- Abraham, A. dan Rohini, V. (2019). “A Particle Swarm Optimization-*Backpropagation* (PSO-BP) Model for the Prediction of Earthquake in Japan”. *Advances in Intelligent Systems and Computing*. 882: 435-441.
- Aksu, G., Güzeller, C. O., Eser, M. T. (2019). “The Effect of the Normalization Method Used in Different Sample Sizes on the Success of Artificial Neural Network Model”. *International Journal of Assessment Tools in Education*. 6(2):170-192.
- BPS. (2022a). “Indikator Kesejahteraan Rakyat 2022”. Jakarta: Badan Pusat Statistik.
- BPS. (2022b). “Statistik Kesejahteraan Rakyat 2022”. Jakarta: Badan Pusat Statistik.
- BPS. (2012). “Pengeluaran Untuk Konsumsi Penduduk Indonesia”. Jakarta: Badan Pusat Statistik.
- Budiarti, L., Tarno, Warsito, B. (2013). “Analisis Intervensi dan Deteksi Outlier Pada Data Wisatawan Domestik (Studi Kasus di Daerah Istimewa Yogyakarta)”. *Jurnal Gaussian*. 2(1): 39-48.
- Carpenter, J.R. dan Smuk, M. (2021). “Missing data: A statistical framework for practice”. *Biometrical Journal*. 63: 915– 947.
- Chauvin, Y. dan Rumelhart, D. E. (1995). “*Backpropagation: Theory, Architectures, and Applications*”. New Jersey: Lawrence Erlbaum Associates.

- Chen, N., Xiong, C., Du, W., Wang, C., Lin, X., Chen, Z. (2019). “An Improved Genetic Algorithm Coupling a Back-Propagation Neural Network Model (IGA-BPNN) for Water-Level Predictions”. *Water*. 11.1795
- Cousineau, D. dan Chartier, S. (2010). “Outlier Detection and Treatment: a Review”. *International Journal of Psychological Reaseach*. 3(1):59-68.
- Doi, J., Potter, G., Wong, J. (2016). “Web Application Teaching Tools for Statistics Using R and Shiny”. *Technology Innovations in Statistics Education Journal*. 9(1).
- Eesa, A. S. dan Arabo, W. K. (2017). “Normalization Methods for Backpropagation: A Comparative Study”. *Science Journal of University of Zokho*. 5(4):319-323.
- Felderer, B., Kirchner, A., Kreuter, F. (2019). “The Effect of Survey Mode on Data Quality: Disentangling Nonresponse and Measurement Error Bias”. *Journal of Official Statistics*. 35(1): 93-115.
- Fox, J. dan Leange, A. (2016). “R and the Journal of Statistical Software”. *Journal of Statistical Software*. 73(2)
- Gajendra K. Vishwakarma, Chinmoy Paul, A.M. Elsayah. (2020). “An algorithm for outlier detection in a time series model using *Backpropagation* neural network”. *Journal of King Saud University-Science*. 32(8): 3328-3336
- Groves, R. M., Fowler, F. J. J., Couper, M. P., Lepkowski, J. M., Singer, E., Tourangeau, R. (2004). “Survey Methodology”. New Jersey: John Wiley & Sons, Inc.
- Gue, I. H. V., Ubando, A. T., Tseng, M.-L., & Tan, R. R. (2020). “Artificial neural networks for sustainable development: a critical review”. *Clean Technologies and Environmental Policy*. 22: 449-1465.

- Hu, Y., Sharma, A., Dhiman, G., Shabaz., M. (2021). "The Identification Nanoparticle Sensor Using Back Propagation Neural Network Optimized by Genetic Algorithm". *Hindawi Journal of Sensors*. Article ID 7548329: 12.
- Kasprzak, P., Mitchell, L., Kravchuk, O., Timmins, A. (2020). "Six Years of Shiny in Research Collaborative Development of Web Tools in R". *The R Journal*. 12(2): 20-42.
- Kalpourtzi, N., Carpenter, JR., Touloumi, G. (2023). "Handling Missing Values in Surveys With Complex Study Design: A Simulation Study". *Journal of Survey Statistics and Methodology*. 00: 1-25.
- Kharitonov, A., Nahhas, A., Pohl, M., Turowski, K. (2022). "Comparative Analysis of Machine Learning Models for Anomaly Detection in Manufacturing". *Procedia Computer Science*. 200: 1288-1297.
- Lafta, H.A., Hasan, Z.F., Ayoob, N.K. (2019). "Classification of Medical Datasets Using *Backpropagation* Neural Network Powered by Genetic-Based Features Elector". *International Journal of Electrical and Computer Engineering*. 9(2): 1379-1384.
- Lee, K.J., Tilling, K.M., Cornish, R.P., Little, R.J.A., Bell, M.L., Goetghebeur, E., Hogan, J.W., Carpenter, J.R. (2021). "The Treatment And Reporting of Missing data in Observational Studies framework". *Journal of Clinical Epidemiology*. 2021(134): 79-88
- Little, T. D., Jorgensen, T. D., Lang, K. M. MS., Moore, E. W. G. (2014). "On the Joys of Missing Data". *Journal of Pediatric Psychology*. 39(2): 151-162.
- Mustikaningrum, D. dan Wardoyo, R. (2020)."Implementation of Genetic Algorithms and Momentum *Backpropagation* in Classification of Subtype Cells Acute Myeloid Leukimia". *Indonesian Journal of Computing and Cybernetics Systems*. 14(2): 189-198.
- Purba, I. S., Wanto, A., Riansah, R. M., Ahmad, Y., Siregar, S. P., Winanjaya, R., Silitonga, H. (2019). "Accuracy Level of Backpropagation Algorithm to

- Predict Livestock Population of Simalungun Regency in Indonesia". *Journal of Physics: Conf. Series.* 1255. 012014.
- Sahoo, J. P., Prakash, A. J., Pławiak, P., Samantray, S. (2022). "Real-Time Hand Gesture Recognition Using Fine-Tuned Convolutional Neural Network". *Sensors.* 22:706.
- Sebayang, J.S. dan Yuniarto, B. (2017). "Perbandingan Model Estimasi Artificial Neural Network Optimasi Genetic Algorithm dan Regresi Linear Berganda". *Media Statistika.* 10(1): 13-23.
- Setiawan, D., Putri, R.N., Suryanita, R. (2019). "Perbandingan Algoritma Genetika dan *Backpropagation* pada Aplikasi Prediksi Penyakit Autoimun". *Jurnal Ilmu Komputer dan Informatika.* 5(1): 21-27.
- Sekhar, C. dan Meghana, P. S. (2020). "A Study on Backpropagation in Artificial Neural Networks". *Asia-Pacific Journal of Neural Networks and Its Applications.* 4(1): 21-28.
- Sterne, J. A. C., White, I. R., Carlin, J. B., Spratt, M., Royston, P., Kenward, M. G. (2009). "Multiple Imputation for Missing Data in Epidemiological and Clinical Research: Potential and Pitfalls". *BMJ.* 338: b2393.
- Tarigan, J., Nadia, Diedan, R., Suryana, Y. (2017). "Plate Recognition Using *Backpropagation* Neural Network and Genetic Algorithm". *Procedia Computer Science.* 116: 365-372.
- Tsuchiwata, S., dan Tsuji, Y. (2023). "Computational design of clinical trials using a combination of simulation and the genetic algorithm". *CPT Pharmacometrics Syst Pharmacol.* 12: 522-531.
- Wallace, C.B., Dahabreh, I.J., Trikalinos, T.A., Lau, J., Trow, P., Schmid, C.H. (2012). "Closing the Gap between Methodologists and End-Users: R as a Computational Back-End". *Journal of Statistical Software.* 49.5.

Wuryandari, R.D. (2015). “Faktor-faktor yang mempengaruhi pengeluaran makanan, pendidikan, dan kesehatan rumah tangga Indonesia”. *Jurnal Kependudukan Indonesia*. 10(1): 27-42.

Zangenehmadar, Z, Moselhi, O, Golnaraghi, S. (2020). Optimized planning of repair works for pipelines in water distribution networks using genetic algorithm. *Engineering Reports*. 2:e12179.

Zhang, J., dan Qu, S. (2021). "Optimization of *Backpropagation* Neural Network under the Adaptive Genetic Algorithm". *Complexity*. Article ID 1718234: 9.