

DAFTAR PUSTAKA

- Abbas, S. A., Subramanian, S., Ravi, P., Ramamoorthy, S., & Munikrishnan, V. (2019). *An Introduction to Survival Analytics, Types, and Its Applications*.
- Anfuso, B., El-Khobar, K. E., Sukowati, C. H. C., & Tiribelli, C. (2015). The multiple origin of cancer stem cells in *Hepatocellular Carcinoma*. *Clinics and Research in Hepatology and Gastroenterology*, 39, S92–S97.
- Banerjee, S. (1985). *Computational methods*. <https://doi.org/10.1201/b22450-2>
- Bang, H. T., Yoon, S., & Jeon, H., 2020, Application of machine learning methods to predict a thermal conductivity model for compacted bentonite, *Annals of Nuclear Energy*, 142, 107395.
- Chicco, D., & Oneto, L., 2021, Computational intelligence identifies alkaline phosphatase (Alp), alpha-fetoprotein (afp), and hemoglobin levels as most predictive survival factors for hepatocellular carcinoma, *Health Informatics Journal*, 27(1), 1-26.
- Dou, D., Wu, W., Yang, J., & Zhang, Y. (2019). Classification of coal and gangue under multiple surface conditions via machine vision and Relief-SVM. *Powder Technology*, 356, 1024–1028.
- Fausett, L. dan Fausett, L. V, 1994, *Fundamentals of Neural Networks: Architectures, Algorithms, and Applications*, Prentice-Hall.
- G., S., V., V., & S., K. (2017). *Hepatocellular Carcinoma- A review*. *Journal of Pharmaceutical Sciences and Research*, 9(8), 1276–1280.
- He, Y., Zhou, J., Lin, Y., & Zhu, T., 2019, A class imbalance-aware Relief algorithm for the classification of tumors using microarray gene expression data, *Computational Biology and Chemistry*, 80(March), 121–127.
- Jakobsen JC, Gluud C, Wetterslev J, Winkel P. When and how should multiple imputation be used for handling missing data in randomised clinical trials - a practical guide with flowcharts. *BMC Med Res Methodol* 2017; 17(1): 162.
- Jasirwan, C. O. M., Hasan, I., Sulaiman, A. S., Lesmana, C. R. A., Kurniawan, J., Kalista, K. F., Nababan, S. H., & Gani, R. A. (2020). Risk factors of mortality in the patients with *Hepatocellular Carcinoma*: A multicenter study in

- Indonesia. *Current Problems in Cancer*, 44(1), 100480.
- Jianfeng Xu, Yuanjian Zhang, Duogian Miao. Three-way confusion matrix for classification: A measure driven view. *Information Sciences* Volume 507, January 2020. Elsevier. <https://doi.org/10.1016/j.ins.2019.06.064>
- Jin, L., Zeng, Q., He, J., Feng, Y., Zhou, S., & Wu, Y. (2019). A ReliefF-SVM-based method for marking dopamine-based disease characteristics: A study on SWEDD and Parkinson's disease. *Behavioural Brain Research*, 356(September 2018), 400–407.
- João, J. B., de Seixas, J. M., Galliez, R., de Bragança Pereira, B., de Q Mello, F. C., dos Santos, A. M., & Kritski, A. L. (2016). A screening system for smear-negative pulmonary tuberculosis using artificial neural networks. *International Journal of Infectious Diseases*, 49, 33–39.
- Książek, W., Abdar, M., Acharya, U. R., & Pławiak, P. (2019). A novel machine learning approach for early detection of *Hepatocellular Carcinoma* patients. *Cognitive Systems Research*, 54, 116–127.
- Ling, Y., Yue, Q., Chai, C., Shan, Q., Hei, D., & Jia, W. (2020). Nuclear accident source term estimation using Kernel Principal Component Analysis, Particle Swarm Optimization, and *Backpropagation* Neural Networks. *Annals of Nuclear Energy*, 136, 107031.
- Liu, H., dan Motoda, H., 2008, *Computational methods of feature selection*, Taylor & Francis Group.
- Marino M, Lucas J, Latour E, Heintzman JD. Missing data in primary care research: importance, implications and approaches. *Fam Pract*. 2021 Mar 29;38(2):200-203. doi: 10.1093/fampra/cmaa134. PMID: 33480404; PMCID: PMC8243609.
- Nasien, D., Enjeslina, V., Hasmil Adiya, M., & Baharum, Z. (2022). Breast Cancer Prediction Using Artificial Neural Networks Back Propagation Method. *Journal of Physics: Conference Series*, 2319(1), 012025.
- Negrov, D., Karandashev, I., Shakirov, V., Matveyev, Y., & Dunin-barkowski, W., 2017, Neurocomputing An approximate backpropagation learning rule for memristor based neural networks using synaptic plasticity, *Neurocomputing*, 237(February 2016), 193–199.

- Pergialiotis, V., Pouliakis, A., Parthenis, C., & Damaskou, V. (2018). The utility of artificial neural networks and classification and regression trees for the prediction of endometrial cancer in postmenopausal women. *Public Health*, *164*, 1–6.
- Ruuska, S., Hämäläinen, W., Kajava, S., Mughal, M., & Matilainen, P., 2018, Evaluation of the confusion matrix method in the validation of an automated system for measuring feeding behaviour of cattle, *Behavioural Processes*, *148*(Jan), 56-62.
- Shi, S., Li, G., Chen, H., Liu, J., Hu, Y., Xing, L., & Hu, W. (2017). Refrigerant charge fault diagnosis in the VRF system using Bayesian artificial neural network combined with *ReliefF* filter. *Applied Thermal Engineering*, *112*, 698–706.
- Shultz, T.R., dan Fahlman, S.E., 2017, Encyclopedia of Machine Learning and Data Mining, diedit oleh C. Sammut dan G. I. Webb, Springer US.
- Sivasankar, S., Nair, S., & M V, J. (2015). Feature Reduction in Clinical Data Classification using Augmented Genetic Algorithm. *International Journal of Electrical and Computer Engineering (IJECE)*, *5*, 1516–1524.
- Suriapranata, I. M., Made, W., Ye, W., Suciptan, A. A., Gani, R. A., Hasan, I., Sanityoso, A., Budihusodo, U., Miskad, U. A., Akil, F., Lelosutan, S. A. R., Martamala, R., Yusuf, I., Lesmana, L. A., Sulaiman, A., & Tai, S. (2010). Clinica Chimica Acta Alpha-fetoprotein gene polymorphisms and risk of HCC and cirrhosis. *Clinica Chimica Acta*, *411*(5–6), 351–358.
- Tuncer, T., Dogan, S., & Ozyurt, F. (2020). An automated Residual Exemplar Local Binary Pattern and iterative *ReliefF* based corona detection method using lung X-ray image. *Chemometrics and Intelligent Laboratory Systems*, *203*(May), 104054.
- Tuncer, T., & Ertam, F. (2020). Neighborhood component analysis and *ReliefF* based survival recognition methods for *Hepatocellular Carcinoma*. *Physica A: Statistical Mechanics and its Applications*, *540*, 123143.
- Urbanowicz, R. J., Meeker, M., La Cava, W., Olson, R. S., & Moore, J. H. (2018). *Relief*-based feature selection: Introduction and review. *Journal of Biomedical*

Informatics, 85(July), 189–203.

Urbanowicz, R. J., Olson, R. S., Schmitt, P., Meeker, M., & Moore, J. H., 2018, Benchmarking relief-based feature selection methods for bioinformatics data mining, *Journal of Biomedical Informatics*, 85(July), 168-188.

Vishwakarma, G. K., Paul, C., & Elsayah, A. M. (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.

Wang, Y., Liang, E., Zhao, X., Song, X., Wang, L., & Sun, J. (2020). Prediction of survival time of patients with esophageal squamous cell carcinoma based on univariate analysis and ASSA-BP neural network. *IEEE Access*, 8, 181127–181136.

Wu, C. F., Wu, Y. J., Liang, P. C., Wu, C. H., Peng, S. F., & Chiu, H. W. (2017). Disease-free survival assessment by artificial neural networks for *Hepatocellular Carcinoma* patients after radiofrequency ablation. *Journal of the Formosan Medical Association*, 116(10), 765–773.

Ye, F., Wheeler, C., Chen, B., Hu, J., Chen, K., & Chen, W. (2019). Calibration and verification of DEM parameters for dynamic particle flow conditions using a *Backpropagation* neural network. *Advanced Powder Technology*, 30(2), 292–301.



SEKOLAH PASCASARJANA