UNIVERSITAS
GADJAH MADA
Sistem Pendukung Keputusan Klinis (CDSS) pada Gangguan Trombosit Berbasis Complete Blood Count (CBC)
Menggunakan Machine Learning dan Explainable AI
Muhammad Wahyu Tri Saputra, Ir. Syukron Abu Ishaq Alfarozi, S.T., Ph.D.
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

DAFTAR PUSTAKA

[1] X. Wang, J. Huang, J. Xi, H. Liu, and Y. Yuan, "A complete blood count-based machine learning model for rapid differentiation of aplastic anemia, immune thrombocytopenia, and myelodysplastic syndromes in routine clinical practice," *Practical Laboratory Medicine*, vol. 50, p. e00526, 2026.

[2] S. Diaz-del Pino, R. Trelles-Martinez, F. A. González-Fernández, and N. Guil, "Artificial intelligence to assist specialists in the detection of haematological diseases," *Heliyon*, vol. 9, no. 5, p. e15940, 2023.

[3] H. Miah, D. Kollias, G. L. Pedone, D. Provan, and F. Chen, "Can machine learning assist in diagnosis of primary immune thrombocytopenia? a feasibility study," *Diagnostics*, vol. 14, no. 13, p. 1352, 2024.

[4] N. Riya, M. Chakraborty, and R. Khan, "Artificial intelligence based early detection of dengue using cbc data," *IEEE Access*, vol. 12, pp. 112 355–112 367, 2024.

[5] Kementerian Kesehatan Republik Indonesia, "Sebaran tenaga medis dan tenaga kesehatan," 2026, diakses pada 6 April 2026, dari DREAMS Kemkes. [Online]. Available: https://dreams.kemkes.go.id/user/sebaran

[6] Perhimpunan Hematologi Onkologi Medik Penyakit Dalam Indonesia (PERHOMPEDIN), "Perhompedin sebut tim multidisiplin penting dalam tatalaksana kanker," Oktober 2022, diakses pada 6 April 2026, dari Antara News. [Online]. Available: https://www.antaranews.com/berita/3151325/perhompedin-sebut-tim-multidisiplin-penting-dalam-tatalaksana-kanker

[7] G. Gunčar, M. Kukar, M. Notar, M. Brvar, P. Černelč, M. Notar, and M. Notar, "An application of machine learning to haematological diagnosis," *Scientific Reports*, vol. 8, p. 411, 2018.

[8] H. Amjad, Z. Hussain, and M. Hasan, "Machine learning-based models for screening of anemia and leukemia using features of complete blood count reports," *Scientific Reports*, vol. 15, p. 33333, 2025.

[9] J. Prajapati, V. Uduthalapally, D. Das, and R. Mahapatra, "Aia: An explainable ai approach for classification and analysis of blood anemia," in *2023 OITS International Conference on Information Technology (OCIT)*, 2023.

[10] R. T. Sutton, D. Pincock, D. C. Baumgart, D. C. Sadowski, R. N. Fedorak, and K. I. Kroeker, "An overview of clinical decision support systems: Benefits, risks, and strategies for success," *npj Digital Medicine*, vol. 3, p. 17, 2020.

[11] K. Chadaga, S. Prabhu, V. Bhat, N. Sampathila, S. Umakanth, and R. Chadaga, "Predicting dengue fever using machine learning and complete blood count parameters," *Informatics in Medicine Unlocked*, vol. 38, p. 101235, 2023.

[12] S. Kasser, A. Bizeul, M. Chitlur, H. Donato, J. Roganovic, J. E. Vogt, and T. Kühne, "Predicting chronicity in children and adolescents with newly diagnosed immune thrombocytopenia at the timepoint of diagnosis using machine learning-based approaches," *Pediatric Blood & Cancer*, vol. 73, no. 3, p. e70103, 2026.

UNIVERSITAS
GADJAH MADA
Sistem Pendukung Keputusan Klinis (CDSS) pada Gangguan Trombosit Berbasis Complete Blood Count (CBC)
Menggunakan Machine Learning dan Explainable AI
Muhammad Wahyu Tri Saputra, Ir. Syukron Abu Ishaq Alfarozi, S.T., Ph.D.
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

[13] P. Rajpurkar, E. Chen, O. Banerjee, and E. J. Topol, "Ai in health and medicine," *Nature Medicine*, vol. 28, no. 1, pp. 31–38, 2022.

[14] E. J. Topol, *Deep medicine: How artificial intelligence can make healthcare human again*. Basic Books, 2019.

[15] A. B. Arrieta, N. Díaz-Rodríguez, J. Del Ser, A. Bennetot, S. Tabik, A. Barbado, S. Garcia, S. Gil-Lopez, D. Molina, R. Benjamins, R. Chatila, and F. Herrera, "Explainable artificial intelligence (xai): Concepts, taxonomies, opportunities and challenges toward responsible ai," *Information Fusion*, vol. 58, pp. 82–115, 2020.

[16] K. Goddard, A. Roudsari, and J. C. Wyatt, "Automation bias: a systematic review of frequency, effect mediators, and mitigators," *Journal of the American Medical Informatics Association*, vol. 19, no. 1, pp. 121–127, 2012.

[17] J. Amann, A. Blasimme, E. Vayena, D. Frey, V. I. Madai, and Precise4Q Consortium, "Explainability for artificial intelligence in healthcare: a multidisciplinary perspective," *BMC Medical Informatics and Decision Making*, vol. 20, p. 310, 2020.

[18] World Health Organization, *Dengue: Guidelines for diagnosis, treatment, prevention and control (WHO/HTM/NTD/DEN/2009.1)*, World Health Organization, 2009.

[19] D. Provan, D. M. Arnold, J. B. Bussel, B. H. Chong, N. Cooper, T. Gernsheimer, W. Ghanima, B. Godeau, T. J. González-López, J. Grainger, M. Hou, C. Kruse, V. McDonald, M. Michel, A. C. Newland, S. Pavord, F. Rodeghiero, M. Scully *et al.*, "Updated international consensus report on the investigation and management of primary immune thrombocytopenia," *Blood Advances*, vol. 3, no. 22, pp. 3780–3817, 2019.

[20] D. Schütze, S. Holtz, M. C. Neff, S. M. Köhler, J. Schaaf, L. S. Frischen, B. Sedlmayr, and B. S. Müller, "Requirements analysis for an ai-based clinical decision support system for general practitioners: a user-centered design process," *BMC Medical Informatics and Decision Making*, vol. 23, p. 144, 2023.

[21] S. Tonekaboni, S. Joshi, M. D. McCradden, and A. Goldenberg, "What clinicians want: Contextualizing explainable machine learning for clinical end use," in *Proceedings of the 4th Machine Learning for Healthcare Conference*, ser. Proceedings of Machine Learning Research, vol. 106. PMLR, 2019, pp. 359–380.

[22] S. M. Lundberg and S. I. Lee, "A unified approach to interpreting model predictions," in *Advances in Neural Information Processing Systems*, vol. 30, 2017, pp. 4765–4774. [Online]. Available: https://doi.org/10.48550/arXiv.1705.07874

[23] F. Rodeghiero, R. Stasi, T. Gernsheimer, M. Michel, D. Provan, D. M. Arnold, J. B. Bussel, D. B. Cines, B. H. Chong, N. Cooper, B. Godeau, M. Hou, C. Kruse, R. L. McMillan, M. A. Sanz, P. Imbach, V. S. Blanchette, S. Blümel, M. Ruggeri, and J. N. George, "Standardization of terminology, definitions and outcome criteria in immune thrombocytopenic purpura of adults and children: Report from an international working group," *Blood*, vol. 113, no. 11, pp. 2386–2393, 2009. [Online]. Available: https://doi.org/10.1182/blood-2008-07-162503

UNIVERSITAS
GADJAH MADA
Sistem Pendukung Keputusan Klinis (CDSS) pada Gangguan Trombosit Berbasis Complete Blood Count (CBC)
Menggunakan Machine Learning dan Explainable AI
Muhammad Wahyu Tri Saputra, Ir. Syukron Abu Ishaq Alfarozi, S.T., Ph.D.
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

[24] A. Brankovic, D. Cook, J. Rahman, A. Delaforce, J. Li, F. Magrabi, F. Cabitza, E. Coiera, and D. Bradford, "Clinician-informed xai evaluation checklist with metrics (clix-m) for ai-powered clinical decision support systems," *npj Digital Medicine*, vol. 8, no. 1, p. 364, 2025.

[25] J. Li, X. S. Yan, D. Chaudhary, V. Avula, S. Mudiganti, H. Husby, S. Shahjouei, A. Afshar, W. F. Stewart, M. Yeasin, R. Zand, and V. Abedi, "Imputation of missing values for electronic health record laboratory data," *npj Digital Medicine*, vol. 4, p. 147, 2021.

[26] M. M. Nishat, F. Faisal, I. J. Ratul, A. Al-Monsur, A. M. Ar-Rafi, and S. M. Nasrullah, "A comprehensive investigation of the performances of different machine learning classifiers with smote-enn oversampling technique and hyperparameter optimization for imbalanced heart failure dataset," *Scientific Programming*, p. 3649406, 2022.

[27] H. Hairani and D. Priyanto, "A new approach of hybrid sampling smote and enn to the accuracy of machine learning methods on unbalanced diabetes disease data," *International Journal of Advanced Computer Science and Applications*, vol. 14, no. 8, 2023.

[28] X. H. Cao, I. Stojkovic, and Z. Obradovic, "A robust data scaling algorithm to improve classification accuracies in biomedical data," *BMC Bioinformatics*, vol. 17, p. 359, 2016.

[29] B. C. Ross, "Mutual information between discrete and continuous data sets," *PLOS ONE*, vol. 9, no. 2, p. e87357, 2014.

[30] I. Guyon and A. Elisseeff, "An introduction to variable and feature selection," *Journal of Machine Learning Research*, vol. 3, pp. 1157–1182, 2003.

[31] A. G. Mugdha, F. T. Pinki, and S. K. Talukdhar, "Hemoglobin estimation and anemia severity prediction using machine learning algorithms," in *2023 5th International Conference on Sustainable Technologies for Industry 5.0 (STI)*, 2023.

[32] H. Mayrose, G. M. Bairy, N. Sampathila, S. Belurkar, and K. Saravu, "Machine learning-based detection of dengue from blood smear images utilizing platelet and lymphocyte characteristics," *Diagnostics*, vol. 13, no. 2, p. 220, 2023.

[33] R. Tibshirani, "Regression shrinkage and selection via the lasso," *Journal of the Royal Statistical Society: Series B (Methodological)*, vol. 58, no. 1, pp. 267–288, 1996.

[34] S. Beddar-Wiesing, A. Moallemy-Oureh, M. Kempkes, and J. M. Thomas, "Absolute measures for machine learning evaluation: A survey," *arXiv preprint arXiv:2507.03392*, 2025. [Online]. Available: https://doi.org/10.48550/arXiv.2507.03392

[35] D. Chicco and G. Jurman, "The advantages of the matthews correlation coefficient (mcc) over f1 score and accuracy in binary classification evaluation," *BMC Genomics*, vol. 21, no. 1, p. 6, 2020.

UNIVERSITAS
GADJAH MADA
Sistem Pendukung Keputusan Klinis (CDSS) pada Gangguan Trombosit Berbasis Complete Blood Count (CBC)
Menggunakan Machine Learning dan Explainable AI
Muhammad Wahyu Tri Saputra, Ir. Syukron Abu Ishaq Alfarozi, S.T., Ph.D.
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

[36] S. M. Lundberg, G. Erion, H. Chen, A. DeGrave, J. M. Prutkin, B. Nair, R. Katz, J. Himmelfarb, N. Bansal, and S. I. Lee, "From local explanations to global understanding with explainable ai for trees," *Nature Machine Intelligence*, vol. 2, no. 1, pp. 56–67, 2020.

[37] X. Teng and Z. Wang, "Online covid-19 diagnosis prediction using complete blood count: An innovative tool for public health," *BMC Public Health*, vol. 23, no. 1, p. 2536, 2023.

[38] H. Nilius, J. Kaufmann, M. Adler, F. Minervini, A. W. Greguare-Sander, L. Alberio, B. Gerber, D. Kröll, S. Veerakatty, A. Kashev, S. Haug, T. C. Sauter, A. Koster, G. Erdoes, J. Hastings, J. H. Levy, C. Nakas, and M. Nagler, "Development, validation, and user-centric evaluation of an interpretable machine learning decision support tool for the preoperative prediction of mild bleeding disorders (mbd-check): a prospective diagnostic prediction study," *The Lancet Digital Health*, vol. 8, p. 101019, 2026.

[39] D. Rahmadi, M. Solihin, G. S. Mada, W. F. Albar, and S. C. Shani, "Comparative machine learning methods for icd-10 diagnosis classification," *ENTHUSIASTIC International Journal of Applied Statistics and Data Science*, vol. 6, no. 1, pp. 37–45, 2026.

[40] M. S. Hasan, A. Jobayer, S. I. Nuha, J. Islam, and G. M. M. Bashir, "Strokeguardian: Hybrid ensemble ml for real-time brain stroke prediction and clinical decision support," in *2025 IEEE International Women in Engineering (WIE) Conference on Electrical and Computer Engineering (WIECON-ECE)*. IEEE, 2025, pp. 931–936.

[41] K. Kaushansky, M. A. Lichtman, J. T. Prchal, M. M. Levi, O. W. Press, L. J. Burns, and M. Caligiuri, *Williams hematology*, 9th ed. McGraw-Hill Education, 2016.

[42] L. D. Brace, "Thrombocytopenia and thrombocytosis," in *Rodak's hematology: Clinical principles and applications*, 5th ed., E. M. Keohane, L. Smith, and J. M. Walenga, Eds. Elsevier Saunders, 2016, pp. 713–731.

[43] S. Aulia and S. Hadiyoso, "Deteksi limfosit plasma biru pada citra darah untuk diagnosa pendukung pada kasus demam berdarah dengue," *ELKOMIKA: Jurnal Teknik Energi Elektrik, Teknik Telekomunikasi, & Teknik Elektronika*, vol. 9, no. 1, pp. 150–160, 2021.

[44] A. V. Hoffbrand and D. P. Steensma, *Hoffbrand's essential haematology*, 8th ed. Wiley-Blackwell, 2020.

[45] A. Tefferi, A. M. Vannucchi, and T. Barbui, "Essential thrombocythemia: 2024 update on diagnosis, risk stratification, and management," *American Journal of Hematology*, vol. 99, no. 4, pp. 697–718, 2024.

[46] E.-J. Lee, M.-J. Kim, K.-H. Jeon, J.-H. Lee, J.-S. Kim, H.-J. Kang, and Y.-K. Lee, "Mean platelet volume, platelet distribution width, and platelet count, in connection with immune thrombocytopenic purpura and essential thrombocytopenia," *Laboratory Medicine*, vol. 50, no. 3, pp. 279–285, 2019.

UNIVERSITAS
GADJAH MADA
Sistem Pendukung Keputusan Klinis (CDSS) pada Gangguan Trombosit Berbasis Complete Blood Count (CBC)
Menggunakan Machine Learning dan Explainable AI
Muhammad Wahyu Tri Saputra, Ir. Syukron Abu Ishaq Alfarozi, S.T., Ph.D.
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

[47] Sysmex, "Xn-l series," diakses pada 10 Juli 2026. [Online]. Available: https://www.sysmex.com/en-us/lab-solutions/hematology/xn-l-series

[48] M. Nakhaei Shamahmood, K. Tavakoli, B. Rafat, A. Miri, M. H. Ahmadi, and Y. Sadeghi-Bojd, "Evaluation of hemato-inflammatory parameters nlr, plr and hpr in patients with immune thrombocytopenic purpura (itp) in south-east iran: A retrospective study," *Clinical and Applied Thrombosis/Hemostasis*, 2025. [Online]. Available: https://doi.org/10.1177/10760296251384282

[49] L. M. Böer, I. C. Junqueira, T. C. d. Nascimento, A. Guilarde, V. Feres, and K. C. d. Alcântara, "Monocyte-lymphocyte, neutrophil-lymphocyte, and platelet-lymphocyte ratios as inflammatory biomarkers of clinical dengue severity," *Bioscience Journal*, vol. 40, p. e40038, 2024.

[50] S. S. Shapiro and M. B. Wilk, "An analysis of variance test for normality (complete samples)," *Biometrika*, vol. 52, no. 3/4, pp. 591–611, 1965.

[51] J. Kaufmann, "Analysis of variance anova," in *Wiley StatsRef: Statistics Reference Online*. John Wiley & Sons, Inc., 2014.

[52] B. Asare, "A comparison of information technology education students' achievement in statistics using kruskal-wallis h-test statistic: a nonparametric analysis," *Frontiers in Education*, vol. 11, p. 1873889, 2026.

[53] J. Hauke and T. Kossowski, "Comparison of values of pearson's and spearman's correlation coefficients on the same sets of data," *Quaestiones Geographicae*, vol. 30, no. 2, pp. 87–93, 2011.

[54] M. Kuhn and K. Johnson, *Applied predictive modeling*. Springer, 2013.

[55] F. Pedregosa, G. Varoquaux, A. Gramfort, V. Michel, B. Thirion, O. Grisel, M. Blondel, P. Prettenhofer, R. Weiss, V. Dubourg, J. Vanderplas, A. Passos, D. Cournapeau, M. Brucher, M. Perrot, É. Duchesnay, and G. Louppe, "Scikit-learn: Machine learning in python," *Journal of Machine Learning Research*, vol. 12, pp. 2825–2830, 2011. [Online]. Available: https://doi.org/10.48550/arXiv.1201.0490

[56] J. Han, M. Kamber, and J. Pei, *Data mining: Concepts and techniques*, 3rd ed. Morgan Kaufmann, 2012.

[57] I. Guyon, J. Weston, S. Barnhill, and V. Vapnik, "Gene selection for cancer classification using support vector machines," *Machine Learning*, vol. 46, no. 1, pp. 389–422, 2002.

[58] L. Breiman, "Random forests," *Machine Learning*, vol. 45, no. 1, pp. 5–32, 2001.

[59] T. Chen and C. Guestrin, "Xgboost: A scalable tree boosting system," in *Proceedings of the 22nd ACM SIGKDD International Conference on Knowledge Discovery and Data Mining*, 2016, pp. 785–794.

[60] T. M. Cover and J. A. Thomas, *Elements of information theory*, 2nd ed. John Wiley & Sons, 2006.

UNIVERSITAS
GADJAH MADA
Sistem Pendukung Keputusan Klinis (CDSS) pada Gangguan Trombosit Berbasis Complete Blood Count (CBC)
Menggunakan Machine Learning dan Explainable AI
Muhammad Wahyu Tri Saputra, Ir. Syukron Abu Ishaq Alfarozi, S.T., Ph.D.
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

[61] T. Hastie, R. Tibshirani, and J. Friedman, *The elements of statistical learning: Data mining, inference, and prediction*, 2nd ed. Springer, 2009.

[62] G. E. A. P. A. Batista, R. C. Prati, and M. C. Monard, "A study of the behavior of several methods for balancing machine learning training data," *ACM SIGKDD Explorations Newsletter*, vol. 6, no. 1, pp. 20–29, 2004.

[63] G. Lemaître, "Smote + enn," diakses pada 10 Juli 2026. [Online]. Available: http://glemaitre.github.io/imbalanced-learn/auto_examples/combine/plot_smote_enn.html

[64] R. Kohavi, "A study of cross-validation and bootstrap for accuracy estimation and model selection," in *Proceedings of the 14th International Joint Conference on Artificial Intelligence*, vol. 2, 1995, pp. 1137–1143.

[65] B. Romero, "Data science kaggle walkthrough: Creating a model," diakses pada 12 Juli 2026, dari Brett Romero. [Online]. Available: https://brettromero.com/data-science-kaggle-walkthrough-creating-model/

[66] M. Sokolova and G. Lapalme, "A systematic analysis of performance measures for classification tasks," *Information Processing & Management*, vol. 45, no. 4, pp. 427–437, 2009.

[67] J. Gorodkin, "Comparing two k-category assignments by a k-category correlation coefficient," *Computational Biology and Chemistry*, vol. 28, no. 5-6, pp. 367–374, 2004.

[68] T. Fawcett, "An introduction to roc analysis," *Pattern Recognition Letters*, vol. 27, no. 8, pp. 861–874, 2006.

[69] L. Shapley, "A value for n-person games," in *Contributions to the Theory of Games II*, H. Kuhn and A. Tucker, Eds. Princeton: Princeton University Press, 1953, pp. 307–317.

[70] C. Molnar, *Interpretable machine learning: A guide for making black box models explainable*, 2nd ed. Christoph Molnar, 2022.

[71] C. Han, Y. Pan, C. Liu, X. Yang, J. Li, K. Wang, Z. Sun, H. Liu, G. Jin, F. Fang, X. Pan, T. Tang, X. Chen, S. Pang, L. Ma, X. Wang, Y. Ren, M. Liu, F. W. Liu *et al.*, "Assessing the decision quality of artificial intelligence and oncologists of different experience in different regions in breast cancer treatment," *Frontiers in Oncology*, vol. 13, p. 1152013, 2023.

[72] M. A. Saeed and T. H. Attia, "Dengue and dengue hemorrhagic fever," *Afro-Egypt J Infect Endem Dis*, vol. 5, no. 3, pp. 189–200, 2015.

[73] S. S. Walia, M. A. Arif, and J. Liaqat, "Chapter 7: Clinical manifestations and laboratory diagnosis," in *Dengue Virus Disease*. Elsevier Inc., 2020.

[74] R. Kohli and S. Chaturvedi, "Epidemiology and clinical manifestations of immune thrombocytopenia," *Hämostaseologie*, vol. 39, no. 03, pp. 238–249, 2019.

UNIVERSITAS
GADJAH MADA
Sistem Pendukung Keputusan Klinis (CDSS) pada Gangguan Trombosit Berbasis Complete Blood Count (CBC)
Menggunakan Machine Learning dan Explainable AI
Muhammad Wahyu Tri Saputra, Ir. Syukron Abu Ishaq Alfarozi, S.T., Ph.D.
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

[75] R. S. Kuipers, L. Kok, R. Virmani, and A. Tefferi, "Essential thrombocytosis: diagnosis, differential diagnosis, complications and treatment considerations of relevance for a cardiologist," *Neth Heart J*, vol. 31, pp. 371–378, 2023.

[76] A. Tefferi and T. Barbui, "Polycythemia vera: 2024 update on diagnosis, risk-stratification, and management," *American Journal of Hematology*, vol. 98, no. 9, pp. 1465–1487, 2023.

[77] C. N. Harrison, D. Bareford, N. Butt, P. Campbell, E. Conneally, M. Drummond, W. Erber, T. Everington, A. R. Green, G. W. Hall, B. J. Hunt, C. A. Ludlam, R. Murrin, C. Nelson-Piercy, D. H. Radia, J. T. Reilly, J. Van der Walt, B. Wilkins, and M. F. McMullin, "Guideline for investigation and management of adults and children presenting with a thrombocytosis," *British Journal of Haematology*, vol. 149, no. 3, pp. 352–375, 2010.

[78] R. Zahorec, "Ratio of neutrophil to lymphocyte counts–rapid and simple parameter of systemic inflammation and stress in critically ill," *Bratislavske lekarske listy*, vol. 102, no. 1, pp. 5–14, 2001.

[79] P. Forget, C. Khalifa, J. P. Defour, D. Latinne, M. C. Van Pel, and M. De Kock, "What is the normal value of the neutrophil-to-lymphocyte ratio?" *BMC Research Notes*, vol. 10, p. 12, 2017.

[80] C. Kaset, "CBC indices data set," 2025, dataset parameter Complete Blood Count (CBC) untuk klasifikasi kondisi hematologi. Diakses untuk keperluan skenario kasus vignette kelas Normal pada validasi klinis CDSS. [Online]. Available: https://data.mendeley.com/datasets/p85w7tbjbh/1

[81] J. Dumlao, "Dengue hematology: Insights for diagnosis & care," 2024, dataset parameter hematologi pasien Demam Berdarah Dengue (DBD/DHF). Diakses untuk keperluan skenario kasus vignette kelas DBD pada validasi klinis CDSS. [Online]. Available: https://www.kaggle.com/datasets/jocelyndumlao/dengue-hematology-insights-for-diagnosis-and-care

[82] A. Elsafty, "Elsafty_Reports_of_Myeloid_Neoplasms_2024," 2025, dataset laporan hematologi neoplasma mieloid termasuk Essential Thrombocythemia (ET). Diakses untuk keperluan skenario kasus vignette kelas Trombositosis pada validasi klinis CDSS. [Online]. Available: https://doi.org/10.6084/m9.figshare.29586065.v1

[83] K. Krippendorff, *Content Analysis: An Introduction to Its Methodology*, 2nd ed. Thousand Oaks, California: Sage Publications, 2004.