DAFTAR PUSTAKA

[1] A. Herawati, S. Rijal, A. S. F. Arsal, R. Purnamasari, D. A. Abdi, and S. Wahid, "Karakteristik kanker panyudara," *Fakumi Medical Journal: Jurnal Mahasiswa Kedokteran*, vol. 1, no. 1, pp. 44–53, oct 2021, doi: 10.33096/fmj.v1i1.76.

[2] H. Sung, J. Ferlay, R. L. Siegel, M. Laversanne, I. Soerjomataram, A. Jemal, and F. Bray, "Global cancer statistics 2020: Globocan estimates of incidence and mortality worldwide for 36 cancers in 185 countries," *CA: A Cancer Journal for Clinicians*, Feb. 2021, epub ahead of print.

[3] S. K. Hero, "Faktor risiko kanker payudara," *Jurnal Medika Hutama*, vol. 3, no. 1, pp. —, October 2021, program Studi Pendidikan Dokter, Fakultas Kedokteran, Universitas Lampung. [Online]. Available: http://jurnalmedikahutama.com

[4] O. Khan, J. O. Ajadi, F. Almsned *et al.*, "Prognostic model for predicting recurrence in breast cancer patients in saudi arabia," *Scientific Reports*, vol. 15, p. 18388, 2025. [Online]. Available: https://doi.org/10.1038/s41598-025-94530-z

[5] J. A. Silveira, A. R. da Silva, and M. Z. T. de Lima, "Harnessing artificial intelligence for predicting breast cancer recurrence: a systematic review of clinical and imaging data," *Discover Oncology*, vol. 16, p. 135, 2025. [Online]. Available: https://doi.org/10.1007/s12672-025-01908-6

[6] L. Quinn, K. Tryposkiadis, J. Deeks, H. C. W. De Vet, S. Mallett, L. B. Mokkink, Y. Takwoingi, S. Taylor-Phillips, and A. Sitch, "Interobserver variability studies in diagnostic imaging: a methodological systematic review," *British Journal of Radiology*, vol. 96, no. 1148, p. 20220972, 2023. [Online]. Available: https://doi.org/10.1259/bjr.20220972

[7] R. W. Y. Granzier, N. M. H. Verbakel, A. Ibrahim *et al.*, "Mri-based radiomics in breast cancer: feature robustness with respect to inter-observer segmentation variability," *Scientific Reports*, vol. 10, p. 14163, 2020. [Online]. Available: https://doi.org/10.1038/s41598-020-70940-z

[8] M. Huang, H. K. W. Law, and S. Y. Tam, "Radiomics-driven tumor prognosis prediction across imaging modalities: Advances in sampling, feature selection, and multi-omics integration," *Cancers*, vol. 17, no. 19, p. 3121, 2025.

[9] J. J. M. van Griethuysen, A. Fedorov, C. Parmar, A. Hosny, N. Aucoin, V. Narayan, R. G. H. Beets-Tan, J.-C. Fillon-Robin, S. Pieper, and H. J. W. L. Aerts, "Computational radiomics system to decode the radiographic phenotype," *Cancer Research*, vol. 77, no. 21, pp. e104–e107, 2017.

[10] K. Wang, Y. An, J. Zhou, Y. Long, and X. Chen, "A novel multi-level feature selection method for radiomics," *Alexandria Engineering Journal*, vol. 66, pp. 993–999, 2023. [Online]. Available: https://www.sciencedirect.com/science/article/pii/S1110016822007268

[11] E. T. Sedeta *et al.*, "Breast cancer: Global patterns of incidence, mortality, and trends," *Journal of Clinical Oncology*, vol. 41, no. 16_suppl, pp. 10 528–10 528, 2023.

[12] M. M. Borkar, A. V. Peshattiwar, A. H. M. Quraishi, and G. M. Umare, "Study of targeted four node sampling of axilla in management of carcinoma of breast," *International Surgery Journal*, vol. 7, no. 3, pp. 807–812, mar 2020.

[13] A. Lánczky *et al.*, "Prognostic assessment of breast cancer using clinical and pathological variables of more than 1 million patients," *Journal of Clinical Oncology*, vol. 43, no. 16_suppl, pp. e13 170–e13 170, 2025.

[14] Q. Luo, L. Yang, and X. Zhou, "The value of multimodal magnetic resonance imaging in breast cancer and its correlation with pathological features and prognosis," *European Review for Medical and Pharmacological Sciences*, vol. 27, pp. 8397–8403, 2023, qi Luo and Liu Yang contributed equally to this work.

[15] E. A. Rakha, G. M. Tse, and C. M. Quinn, "An update on the pathological classification of breast cancer," *Histopathology*, vol. 82, no. 1, pp. 5–16, 2023.

[16] M. Fudalej, A. Sobiborowicz-Sadowska, A. Mormul, S. Jopek, A. Borowiec, P. Sikorska, J. Patera, A. Deptala, and A. M. Badowska-Kozakiewicz, "The comparison between the two most common histological subtypes of breast cancer – invasive ductal and invasive lobular breast carcinoma," *OncoReview*, original article.

[17] S. Tang, K. Wang, K. Zheng, J. Liu, H. Zhang, M. Tan, H. Li, H. Li, X. Tan, D. Liu, and R. Guo, "Clinical and pathological response to neoadjuvant chemotherapy with different chemotherapy regimens predicts the outcome of locally advanced breast cancer," *Gland Surgery*, vol. 9, no. 5, pp. 1415–1427, oct 2020.

[18] K. Faraz, G. Dauce, A. Bouhamama, B. Leporq, H. Sasaki, Y. Bito, O. Beuf, and F. Pilleul, "Characterization of breast tumors from mr images using radiomics and machine learning approaches," *Journal of Personalized Medicine*, vol. 13, p. 1062, 2023.

[19] D. Courtney, M. G. Davey, B. M. Moloney *et al.*, "Breast cancer recurrence: Factors impacting occurrence and survival," *Irish Journal of Medical Science*, vol. 191, pp. 2501–2510, 2022.

[20] E. Dumas, L. Laot, F. Coussy, B. Grandal Rejo, E. Daoud, E. Laas, A. Kassara, A. Majdling, R. Kabirian, F. Jochum, P. Gougis, S. Michel, S. Houzard, C. Le Bihan-Benjamin, P. J. Bousquet, J. Hotton, C. A. Azencott, F. Reyal, and A. S. Hamy, "The french early breast cancer cohort (fresh): A resource for breast cancer research and evaluations of oncology practices based on the french national healthcare system database (snds)," *Cancers*, vol. 14, no. 11, p. 2671, may 2022.

[21] A. Walia, J. Tuia, and V. Prasad, "Progression-free survival, disease-free survival and other composite end points in oncology: Improved reporting is needed," *Nature Reviews Clinical Oncology*, vol. 20, no. 12, pp. 885–895, dec 2023.

[22] A. S. Aloufi, A. H. Abujamea, F. S. Fakhouri, S. M. Albeshan, N. A. Alohaly, R. A. Sabir, A. M. Aldawsari, R. S. Altokhais, M. A. Malik, A. R. Alruwaili *et al.*, "Differentiating breast tissue stiffness with magnetic resonance elastography (mre): A focus on fibroglandular and fatty tissues," *NMR in Biomedicine*, vol. 38, no. 10, p. e70134, 2025.

[23] C. Yang and H. Zhao, "Application of dynamic magnetic resonance imaging information technology in adjuvant chemotherapy for breast cancer," *Journal of Infection and Public Health*, vol. 13, no. 12, pp. 2062–2066, 2020.

[24] S. Tsvetkova, K. Doykova, A. Vasilska, K. Sapunarova, D. Doykov, V. Andonov, and P. Uchikov, "Differentiation of benign and malignant breast lesions using adc values and adc ratio in breast mri," *Diagnostics*, vol. 12, p. 332, 2022.

[25] V. S. Parekh and M. A. Jacobs, "Integrated radiomic framework for breast cancer and tumor biology using advanced machine learning and multiparametric mri," *npj Breast Cancer*, vol. 3, p. 43, 2017.

[26] S. Kamal, "Radiomics: A powerful tool," *National Journal of Health Sciences*, vol. 9, pp. 1–2, 2024.

[27] A. Sayah, C. Bencheqroun, K. Bhuvaneshwar *et al.*, "Enhancing the rembrandt mri collection with expert segmentation labels and quantitative radiomic features," *Scientific Data*, vol. 9, p. 338, 2022. [Online]. Available: https://doi.org/10.1038/s41597-022-01415-1

[28] I. Omkumar, R. Rithvik, K. Santhosh, and N. Saranya, "First order feature extraction from thermal images for human state recognition," 2025.

[29] E. J. Limkin, S. Reuzé, A. Carré *et al.*, "The complexity of tumor shape, spiculatedness, correlates with tumor radiomic shape features," *Scientific Reports*, vol. 9, p. 4329, 2019. [Online]. Available: https://doi.org/10.1038/s41598-019-40437-5

[30] T. Mahbubnabi, "Grey level co-occurrence matrix (glcm) as a radiomics feature for artificial intelligence (ai) assisted positron emission tomography (pet) images analysis," in *IOP Conference Series: Materials Science and Engineering*, vol. 846. IOP Publishing, 2019, p. 012047. [Online]. Available: https://doi.org/10.1088/1757-899X/846/1/012047

[31] N. Ab Mumin, C.-H. Liew, S.-Q. Ong, J. H. D. Wong, M. T. R. Hamid, K. Rahmat, and K. H. Ng, "Mri-based texture analysis for breast cancer subtype classification in a multi-ethnic population," *Magnetic Resonance Materials in Physics, Biology and Medicine*, 2025. [Online]. Available: https://doi.org/10.1007/s10334-025-01285-9

[32] W. Zhang, Y. Guo, and Q. Jin, "Radiomics and its feature selection: A review," *Symmetry*, vol. 15, no. 10, p. 1834, 2023.

[33] K. Wang, Y. An, J. Zhou, Y. Long, and X. Chen, "A novel multi-level feature selection method for radiomics," *Alexandria Engineering Journal*, vol. 66, pp. 993–999, 2023.

[34] M. S. H. Shaon, T. Karim, M. S. Shakil, and M. Z. Hasan, "A comparative study of machine learning models with lasso and shap feature selection for breast cancer prediction," *Healthcare Analytics*, vol. 6, p. 100353, 2024.

[35] M. Ebrahim and S. Sedky, A. A. H. Mesbah, "Accuracy assessment of machine learning algorithms used to predict breast cancer," *Data*, vol. 8, p. 35, 2023.

[36] B. Priyadharshini, A. Mythili, and K. R. Anandh, "Radiomics-based low and high-grade dce-mri breast tumor classification with an array of svm classifiers," in *AIP Conference Proceedings*, vol. 2966. AIP Publishing, 2024, p. 030013.

[37] R. Tan, J. R. Ottewill, and N. F. Thornhill, "Monitoring statistics and tuning of kernel principal component analysis with radial basis function kernels," *IEEE Access*, vol. 8, pp. 198 328–198 342, 2020.

[38] D. Newitt, N. Hylton, I-SPY 1 Network, and ACRIN 6657 Trial Team, "Multi-center breast dce-mri data and segmentations from patients in the i-spy 1/acrin 6657 trials," 2016. [Online]. Available: https://doi.org/10.7937/K9/TCIA.2016.HdHpgJLK