

## DAFTAR PUSTAKA

- [1] A. Qureshi and R. D. Ballard, “Obstructive sleep apnea,” *J Allergy Clin Immunol*, pp. 643–651, 2003, doi: 10.1067/mai.2003.1813.
- [2] P. Y. Gunawan, S. Harris, F. Octaviana, and Herqutanto, “Stop-Bang Dan Risiko Stroke Pada Populasi Normal Prevalence of Obstructive Sleep Apnea Using the Stop-Bang,” vol. 30, no. 4, 2013.
- [3] L. Almazaydeh, K. Elleithy, and M. Faezipour, “Obstructive sleep apnea detection using SVM-based classification of ECG signal features,” *Proc. Annu. Int. Conf. IEEE Eng. Med. Biol. Soc. EMBS*, pp. 4938–4941, 2012, doi: 10.1109/EMBC.2012.6347100.
- [4] A. A. Khatami, M. A. C. Sebayang, A. Rizal, and D. T. Barus, “Obstructive Sleep Apnea Detection using ECG Signal :,” *Technol. Reports Kansai Univ.*, vol. 62, no. 04, pp. 1267–1274, 2020.
- [5] and B. I. National Heart, Lung, “How the Heart Works,” 2020.  
<https://www.nhlbi.nih.gov/health-topics/how-heart-works> (accessed Dec. 13, 2020).
- [6] N. Allert Benedicto Ieuau, “Menilik Anatomi Jantung dan Cara Kerjanya,” 2018. <https://www.alodokter.com/menilik-anatomi-jantung-dan-cara-kerjanya> (accessed Dec. 13, 2020).
- [7] D. Moores, “Electrocardiogram,” *I*, 2018.  
<https://www.healthline.com/health/electrocardiogram> (accessed Dec. 08, 2020).
- [8] S. T. Chen, Y. J. Guo, H. N. Huang, W. M. Kung, K. K. Tseng, and S. Y. Tu, “Hiding patients confidential data in the ECG signal via a transform-domain quantization scheme topical collection on mobile systems,” *J. Med. Syst.*, vol. 38, no. 6, pp. 1–8, 2014, doi: 10.1007/s10916-014-0054-9.
- [9] A. K. JOSHI, A. TOMAR, and M. TOMAR, “A Review Paper on Analysis

- of Electrocardiograph (ECG) Signal for the Detection of Arrhythmia Abnormalities,” *Int. J. Adv. Res. Electr. Electron. Instrum. Eng.*, vol. 03, no. 10, pp. 12466–12475, 2014, doi: 10.15662/ijareeie.2014.0310028.
- [10] Cardiology, “Arrythmia,” 2020. <https://cardiorhythm.co.za/what-is-arrhythmia/> (accessed Dec. 14, 2020).
  - [11] K. K. Motamedi, A. C. McClary, and R. G. Amedee, “Obstructive sleep apnea: A growing problem,” *Ochsner J.*, vol. 9, no. 3, pp. 149–153, 2009.
  - [12] A. M. Osman, S. G. Carter, J. C. Carberry, and D. J. Eckert, “Nature and Science of Sleep Dovepress Obstructive sleep apnea: current perspectives,” pp. 21–34, 2018.
  - [13] A. D. Susanto, B. Hisyam, L. S. Maurits, and F. Yunus, “Clinical symptoms and related factors of obstructive sleep apnea among overweight and obese taxi drivers,” *Med. J. Indones.*, vol. 24, no. 4, pp. 206–214, 2015, doi: 10.13181/mji.v24i4.1279.
  - [14] M. Varanini, P. C. Berardi, F. Conforti, M. Micalizzi, D. Neglia, and A. Macerata, “Cardiac and respiratory monitoring through non-invasive and contactless radar technique,” in *Computers in Cardiology*, 2008, vol. 35, pp. 149–152, doi: 10.1109/CIC.2008.4748999.
  - [15] S. Doctors, “Sleep Studies,” 2020. <http://www.sleepdoctors.com.au/sleep-studies> (accessed Dec. 14, 2020).
  - [16] C. Varon, A. Caicedo, D. Testelmans, B. Buyse, and S. Van Huffel, “A Novel Algorithm for the Automatic Detection of Sleep Apnea from Single-Lead ECG,” *IEEE Trans. Biomed. Eng.*, vol. 62, no. 9, pp. 2269–2278, 2015, doi: 10.1109/TBME.2015.2422378.
  - [17] S. Boudaoud, H. Rix, O. Meste, C. Heneghan, and C. O’Brien, “Corrected integral shape averaging applied to obstructive sleep apnea detection from the electrocardiogram,” *EURASIP J. Adv. Signal Process.*, vol. 2007, 2007, doi: 10.1155/2007/32570.

- [18] K. Hao, “What is machine learning?,” 2018.  
<https://www.technologyreview.com/2018/11/17/103781/what-is-machine-learning-we-drew-you-another-flowchart/> (accessed Dec. 13, 2020).
- [19] A. Dey, “Machine Learning Algorithms: A Review,” *Int. J. Comput. Sci. Inf. Technol.*, vol. 7, no. 3, pp. 1174–1179, 2016, [Online]. Available: [www.ijcsit.com](http://www.ijcsit.com).
- [20] I. C. Education, “Machine Learning,” 2020.  
<https://www.ibm.com/cloud/learn/machine-learning> (accessed Dec. 13, 2020).
- [21] S. Khalid, T. Khalil, and S. Nasreen, “A survey of feature selection and feature extraction techniques in machine learning,” *Proc. 2014 Sci. Inf. Conf. SAI 2014*, pp. 372–378, 2014, doi: 10.1109/SAI.2014.6918213.
- [22] S. Sahay, A. K. W. A.K.Wadhwani, and S. Wadhwani, “A Survey Approach on ECG Feature Extraction Techniques,” *Int. J. Comput. Appl.*, vol. 120, no. 11, pp. 1–4, 2015, doi: 10.5120/21268-4002.
- [23] S. Lydersen, “Mean and standard deviation or median and quartiles ?,” *J. Nor. Med. Assoc.*, pp. 1–3, 2020.
- [24] R. Gandhi, “Support Vector Machine — Introduction to Machine Learning Algorithms,” 2018. <https://towardsdatascience.com/support-vector-machine-introduction-to-machine-learning-algorithms-934a444fca47> (accessed Dec. 14, 2020).
- [25] D. Flair, “Kernel Functions-Introduction to SVM Kernel & Examples,” 2020. <https://data-flair.training/blogs/svm-kernel-functions/> (accessed Dec. 14, 2020).
- [26] C. R. Souza, “Kernel Functions for Machine Learning Applications,” 2010. <http://crsouza.com/2010/03/17/kernel-functions-for-machine-learning-applications/#linear>.

- [27] I. Ainunhusna, A. Rizal, and S. Sumaryo, “Bipolar disorder classification based on electrocardiogram signal using support vector machine,” *Int. J. Sci. Technol. Res.*, vol. 9, no. 1, pp. 2300–2303, 2020.
- [28] A. P. Razi, Z. Einalou, and M. Manthouri, “Sleep Apnea Classification Using Random Forest via ECG,” *Sleep Vigil.*, no. 0123456789, 2021, doi: 10.1007/s41782-021-00138-4.