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- [1] “Hope Through Research: Parkinson’s Disease,” in *National Institute of Neurological Disorders and Stroke*, vol. December, 2014, p. 56.
- [2] N. Lahiri *et al.*, “Quantitative assessment of biological and clinical manifestations of Huntington’s disease before and after diagnosis,” *J. Neurol. Neurosurg. Psychiatry*, vol. 81, no. 11, pp. e59–e59, 2010.
- [3] A. Kandaswamy, C. S. Kumar, R. P. Ramanathan, S. Jayaraman, and N. Malmurugan, “Neural classification of lung sounds using wavelet coefficients,” *Comput. Biol. Med.*, vol. 34, no. 6, pp. 523–537, 2004.
- [4] M. Yoneyama, Y. Kurihara, K. Watanabe, and H. Mitoma, “Accelerometry-based gait analysis and its application to Parkinson’s disease assessment-Part 1: Detection of stride event,” *IEEE Trans. Neural Syst. Rehabil. Eng.*, vol. 22, no. 3, pp. 613–622, 2014.
- [5] J. S. Brach, J. E. Berlin, J. M. VanSwearingen, A. B. Newman, and S. a Studenski, “Too much or too little step width variability is associated with a fall history in older persons who walk at or near normal gait speed.,” *J. Neuroeng. Rehabil.*, vol. 2, p. 21, 2005.
- [6] L. Medeiros, H. Almeida, L. Dias, M. Perkusich, and R. Fischer, “A Gait Analysis Approach to Track Parkinson’s Disease Evolution Using Principal Component Analysis,” *IEEE 29th Int. Symp. Comput. Med. Syst.*, p. 6, 2016.
- [7] N. Kwak and C. Choi, “Input Feature Selection for Classification Problems,” vol. 13, no. 1, pp. 143–159, 2002.
- [8] E. D. Übeyl, “Feature extraction from Doppler ultrasound signals for automated diagnostic systems,” vol. 35, pp. 735–764, 2005.
- [9] E. D. Übeyli, “ECG beats classification using multiclass support vector machines with error correcting output codes,” *Digit. Signal Process. A Rev. J.*, vol. 17, no. 3, pp. 675–684, 2007.
- [10] S. Soltani, “On the use of the wavelet decomposition for time series prediction,” vol. 48, pp. 267–277, 2002.
- [11] S. Osowski and D. D. Nghia, “Fourier and wavelet descriptors for shape recognition using neural networks — a comparative study,” vol. 35, pp. 1949–

1957, 2002.

- [12] M. Unser and W. Aldroubi, “A review of wavelets in Biomedical Applications,” vol. 84, no. 4, pp. 626–638, 1996.
- [13] N. Hazarika, J. Zhu, C. Ah, C. Tsoi, and A. Sergejew, “Classification of EEG Signals Using the Wavelet Transform,” pp. 89–92, 1997.
- [14] E. D. Ubeyli, “Adaptive neuro-fuzzy inference system for classification of EEG signals using wavelet coefficients,” pp. 113–121, 2005.
- [15] P. Taylor, S. C. Saxena, V. Kumar, and S. T. Hamde, “Feature extraction from ECG signals using wavelet transforms for disease diagnostics,” no. June 2013, pp. 37–41, 2010.
- [16] K. Sternickel, “Automatic pattern recognition in ECG time series,” vol. 68, pp. 109–115, 2002.
- [17] I. Guler and E. D. Ubeyli, “ECG beat classifier designed by combined neural network model,” vol. 38, pp. 199–208, 2005.
- [18] T. Pringsheim, N. Jette, A. Frolkis, and T. D. L. Steeves, “The prevalence of Parkinson’s disease: A systematic review and meta-analysis,” *Mov. Disord.*, vol. 29, no. 13, pp. 1583–1590, 2014.
- [19] A. Bergareche *et al.*, “Prevalence of Parkinson’s disease and other types of Parkinsonism: A door-to-door survey in Bidasoa, Spain,” *J. Neurol.*, vol. 251, no. 3, pp. 340–345, 2004.
- [20] Parkinson Society British Columbia, *What is Parkinson’s Disease*. Khan Academy Medicine, 2016.
- [21] D. Richfield, “Medical gallery of David Richfield 2014,” *Wikiversity J. Med.*, vol. 1, no. 2, 2014.
- [22] M. T. M. Hu *et al.*, “Predictors of cognitive impairment in an early stage Parkinson’s disease cohort,” *Mov. Disord.*, vol. 29, no. 3, pp. 351–359, 2014.
- [23] M. Demonceau *et al.*, “Contribution of a trunk accelerometer system to the characterization of Gait in patients with mild-to-moderate Parkinson’s disease,” *IEEE J. Biomed. Heal. Informatics*, vol. 19, no. 6, pp. 1803–1808, 2015.
- [24] S. Lord, B. Galna, and L. Rochester, “Moving forward on gait measurement: Toward a more refined approach,” *Mov. Disord.*, vol. 28, no. 11, pp. 1534–

1543, 2013.

- [25] D. Muslimović, B. Post, J. D. Speelman, B. Schmand, and R. . De Haan, “Determinants of disability and quality of life in mild to moderate Parkinson disease,” *Neurology*, vol. 70, no. 23, pp. 2241–2247, 2008.
- [26] A. Hadi and A. Razak, “Foot Plantar Pressure Measurement System: A Review,” *MDPI*, pp. 9884–9912, 2012.
- [27] “MATLAB.” The MathWorks, Inc., 2013.
- [28] E. J. da S. Luz, W. R. Schwartz, G. Cámara-Chávez, and D. Menotti, “ECG-based heartbeat classification for arrhythmia detection: A survey,” *Comput. Methods Programs Biomed.*, vol. 127, pp. 144–164, 2015.
- [29] D. L. Donoho, “Wavelet Shrinkage and W. V. D.: A 10-minute tour,” *Front. Ed*, pp. 109–128, 1993.
- [30] D. L. Donoho and I. M. Johnstone, “Ideal spatial adaptation by wavelet shrinkage,” *Biometrika*, vol. 81, pp. 425–455, 1994.
- [31] D. L. Donoho, “De-noising by soft-thresholding,” *IEEE Trans. Inf. Theory*, pp. 613– 627, 1995.
- [32] A. S. Nugroho *et al.*, “Analisa informasi dimensi tinggi pada bioinformatika memakai support vector machine,” pp. 1–8, 2005.
- [33] C. Cortes and V. Vapnik, “Support-Vector Networks,” vol. 297, pp. 273–297, 1995.