**References (IEEE Style)**

[1] R. Tiwari et al., "Analysis of Heart Rate Variability and Implication of Different Factors on Heart Rate Variability," Curr. Cardiol. Rev., vol. 17, no. 5, Oct. 2021. [Online]. Available: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8950456/

[2] H.-G. Kim et al., "Stress and Heart Rate Variability: A Meta-Analysis and Review," Psychiatry Investig., vol. 15, no. 3, pp. 235–245, Mar. 2018. [Online]. Available: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5900369/

[3] A. Natarajan, "Heart rate variability during mindful breathing meditation," Front. Physiol., vol. 13, 2023. [Online]. Available: https://www.frontiersin.org/articles/10.3389/fphys.2022.1017350/full

[4] M. Y. Balban et al., "Brief structured respiration practices enhance mood and reduce physiological arousal," Cell Rep. Med., vol. 4, no. 1, Jan. 2023. [Online]. Available: https://www.cell.com/cell-reports-medicine/fulltext/S2666-3791(22)00474-8

[5] M. Nasrolahzadeh et al., "A novel method for distinction heart rate variability during meditation using LSTM recurrent neural networks based on visibility graph," Biomed. Signal Process. Control, vol. 90, 2024. [Online]. Available: https://doi.org/10.1016/j.bspc.2023.105822

[6] A. Bhaduri and D. Ghosh, "Quantitative Assessment of Heart Rate Dynamics during Meditation," Front. Physiol., vol. 7, Feb. 2016. [Online]. Available: <https://www.frontiersin.org/articles/10.3389/fphys.2016.00044/full>

[7] Mahda Nasrolahzadeh, Zeynab Mohammadpoory, and Javad Haddadnia, “A novel method for distinction heart rate variability during meditation using LSTM recurrent neural networks based on visibility graph,” *Biomedical Signal Processing and Control*, vol. 90, pp. 105822–105822, Dec. 2023, doi: https://doi.org/10.1016/j.bspc.2023.105822.

[8] A. Matuz, van, Gergely Darnai, and Árpád Csathó, “Generalisable machine learning models trained on heart rate variability data to predict mental fatigue,” *Scientific reports*, vol. 12, no. 1, Nov. 2022, doi: https://doi.org/10.1038/s41598-022-24415-y.

[9] I. B. Messaoud and Ornwipa Thamsuwan, “Heart Rate Variability-Based Stress Detection and Fall Risk Monitoring During Daily Activities: A Machine Learning Approach,” *Computers*, vol. 14, no. 2, pp. 45–45, Jan. 2025, doi: https://doi.org/10.3390/computers14020045.

[10] R. Tiwari, R. Kumar, S. Malik, T. Raj, and P. Kumar, “Analysis of Heart Rate Variability and Implication of Different Factors on Heart Rate Variability,” *Current Cardiology Reviews*, vol. 17, no. 5, Oct. 2021, doi: https://doi.org/10.2174/1573403x16999201231203854.

[11] H.-G. Kim, E.-J. Cheon, D.-S. Bai, Y. H. Lee, and B.-H. Koo, “Stress and Heart Rate Variability: A Meta-Analysis and Review of the Literature,” *Psychiatry Investigation*, vol. 15, no. 3, pp. 235–245, Mar. 2018, doi: https://doi.org/10.30773/pi.2017.08.17.

[12] “Vancouver Autonomic Nervous System Assessment | Stress & Heart Health,” *R·MEDYMD Health*, Feb. 26, 2025. https://rmedymd.com/autonomic-nervous-system-stress-analysis/ (accessed Mar. 12, 2025).

[13] F. Shaffer and J. P. Ginsberg, “An Overview of Heart Rate Variability Metrics and Norms,” *Frontiers in Public Health*, vol. 5, no. 258, Sep. 2017, doi: https://doi.org/10.3389/fpubh.2017.00258.

[14] Administrator, “The Importance of Time-Domain HRV Analysis in Cardiac Health Prediction,” *SeriesScience International | Open Access Journals | Peer Reviewed Articles*, Nov. 19, 2022. https://seriesscience.com/hrv-analysis-in-cardiac-health-prediction/

[15] S.-A. Cha *et al.*, “Time- and frequency-domain measures of heart rate variability predict cardiovascular outcome in patients with type 2 diabetes,” *Diabetes Research and Clinical Practice*, vol. 143, pp. 159–169, Sep. 2018, doi: https://doi.org/10.1016/j.diabres.2018.07.001.

[16] ‌“Manuscript Templates for Conference Proceedings,” *@IEEEorg*, 2020. <https://www.ieee.org/conferences/publishing/templates.html>

[17] ‌“Understanding HRV Metrics: A Deep Dive into SDNN and RMSSD - Spike API,” *Spike API*, Jul. 22, 2024. https://spikeapi.com/understanding-hrv-metrics-a-deep-dive-into-sdnn-and-rmssd/ (accessed Mar. 12, 2025).

[18] F. Shaffer and J. P. Ginsberg, “An Overview of Heart Rate Variability Metrics and Norms,” *Frontiers in Public Health*, vol. 5, no. 258, Sep. 2017, doi: https://doi.org/10.3389/fpubh.2017.00258.

‌

[19] R. E. Kleiger, P. K. Stein, and J. T. Bigger, “Heart Rate Variability: Measurement and Clinical Utility,” *Annals of Noninvasive Electrocardiology*, vol. 10, no. 1, pp. 88–101, Jan. 2005, doi: https://doi.org/10.1111/j.1542-474x.2005.10101.x.