

Reference documentation used:

Makowski, D., Pham, T., Lau, Z. J., Brammer, J. C., Lespinasse, F., Pham, H., ... & Chen, S. A. (2021). NeuroKit2: A Python toolbox for neurophysiological signal processing. *Behavior research methods*, 1-8.

Pyakillya, B., Kazachenko, N., & Mikhailovsky, N. (2017, October). Deep learning for ECG classification. In *Journal of physics: conference series* (Vol. 913, No. 1, p. 012004). IOP Publishing.

Khan, F., Yu, X., Yuan, Z., & Rehman, A. U. (2023). ECG classification using 1-D convolutional deep residual neural network. *Plos one*, 18(4), e0284791.

Van de Leur, R. R., Bos, M. N., Taha, K., Sammani, A., Yeung, M. W., van Duijvenboden, S., ... & van Es, R. (2022). Improving explainability of deep neural network-based electrocardiogram interpretation using variational auto-encoders. *European Heart Journal-Digital Health*, 3(3), 390-404.

Kolk, M. Z., Ruipérez-Campillo, S., Alvarez-Florez, L., Deb, B., Bekkers, E. J., Allaart, C. P., ... & Tjong, F. V. (2024). Dynamic prediction of malignant ventricular arrhythmias using neural networks in patients with an implantable cardioverter-defibrillator. *Ebiomedicine*, 99.

Mangold, K., Carter, R., Lopez-Jimenez, F., Friedman, P. A., & Attia, Z. I. (2023). 12-LEAD MEDIAN BEAT IS ALL YOU NEED FOR STRUCTURAL HEART DISEASE SCREENING. *Cardiovascular Digital Health Journal*, 4(5), S7.