

# Discovering Clinician-Ready Concepts in ECG Classifiers via Latent Space Analysis using Generative Component Analysis

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## Abstract

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**Keywords:** ECG Classification, Explainable AI, Variational Autoencoder, Generative Component Analysis, Interpretable Machine Learning, Clinical Cardiology

## Introduction and Motivation

[Bengio et al. \(2013\)](#)

## References

Bengio Y, Courville A, Vincent P (2013) Representation learning: A review and new perspectives. *IEEE transactions on pattern analysis and machine intelligence* 35(8):1798–1828