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Spiral Waves Characterization: Implications for an Automated Cardiodynamic Tissue Characterization

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HIGHLIGHTS

- Spiral waves can be clustered using localized electrogram readings obtained with most commonly used multipolar diagnostic catheters
- Normalized compression distance (NCD) is shown to be a powerful and robust tool in discrimination of distinct properties manifested on a set of EGMs without a need to extract features.
- Compressibility of electrogram dataset is found to be more informative in segregation of spiral wave behaviors than spectral parameter of it.

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