Readme for Activation Recovery Interval Imaging of Premature Ventricular Contraction (last updated 05/10/2018)

This BSPM dataset in 10 PVC patients was collected under the support of NIH RO1HL080093 (PI: Bin He) at the University of Minnesota.

The work has been published in Yang et al. [1], which should be cited in any publications if the data would be used in whole or in part.


DOI: 10.1371/journal.pone.0196916

Correspondence: Bin He, PhD, Department of Biomedical Engineering, Carnegie Mellon University.
Email: bhe1@andrew.cmu.edu

BSPM Data Information:
- 204 channels (140 front, 64 back), sampling rate of 2000 Hz, bandpass filter 1.0 – 30.0 Hz.
- Channels with large artifacts and noise were removed.
- Ten PVC beats for each patient. QRS segment is named as pvc#.dat, such as pvc1.dat. The corresponding T-wave segment of the same PVC heartbeat is named as pvc#_repo.dat, such as pvc1_repo.dat.
- All data are deidentified and in .dat format