

Supplementary Material

1 Supplementary Data

The datasets for this study can be found at the <https://www.physionet.org/content/fantasia/1.0.0/> and <https://www.physionet.org/content/challenge-2015/1.0.0/>.

Supplementary Table 1. The datas of healthy subjects

Name	Old Gender	Age	Name	Young Gender	Age
f2o01m	female	73	f2o01m	female	23
f2o02m	female	75	f2o02m	male	23
f2o03m	female	85	f2o03m	female	28
f2o04m	female	70	f2o04m	female	27
f2o05m	male	83	f2o05m	female	25
f2o06m	male	70	f2o06m	male	26
f2o07m	male	77	f2o07m	male	31
f2o08m	male	71	f2o08m	male	21
f2o09m	male	77	f2o09m	female	21
f2o010m	female	73	f2o010m	male	21

Supplementary Table 2. The datas of life-threatening arrhythmias subjects

EB		ET		VT		VF	
b268s	b515l	t110s	t173l	v131l	v133l	v648s	f544s
b455l	b516s	t174s	t208s	v197l	v221l	v724s	f563l
b456s	b517l	t175l	t209l	v253l	v254s	v729l	f450s
b494s	b560s	t213l	t214s	v255l	v290s	v765l	f543l
b495l	b561l	t279l	t251l	v309l	v318s	v788s	f545l
b562s	b578s	t252s	t276s	v328s	v329l	v797l	f697l
b659l	b664s	t277l	t284s	v334s	v522s	v701l	
b708s	b722s	t305l	t333l	v523l	v541l	v726s	
b757l		t335l	t406s	v542s	v559l	v758s	
		t412s	t413l	v564s	v571l	v772s	
		t417l	t418s	v573l	v579l	v793l	
		t424s	t425l	v596s	v607l	v803l	
		t594s	t677l	v625l	v626s	v788s	
		t690s	t702s	v629l	v646s	v797l	
		t707l	t719l	v793l	v842s	v813l	
		t731l	t739l	v803l	v836s	v831l	
		t760s	t777l	v815l	v844s	v837l	
		t816s					