

ECG Classification for Arrhythmia Detection Project (CE_ARR)

Additional information about dataset

"beats_nsvfq_48p.csv" is the full dataset. Each row contains 250 values of ECG beat (the first 250 columns in the same row) and the last entry in each row is its label in ASCII (e.g. 78 in ASCII means N which denotes arrhythmia type).

ASCII Label	Arrhythmia type
78	N
47	/
76	L
82	R
101	e
106	j
65	A
97	a
74	J
83	S
69	E
70	F
86	V
102	f
81	Q

The other files are training/validation/testing sets created from it as a 60%-20%-20% split. ASCII labels are replaced with numeric labels as given below. Each row contains 250 values of ECG beat (the first 250 columns in the same row) and the last entry in each row is its numeric label (e.g. 0 means N which denotes arrhythmia type).

Numeric Label	Arrhythmia type
0	N
1	/
2	L
3	R
4	e
5	j
6	A
7	a
8	J
9	S
10	E
11	F
12	V
13	f
14	Q