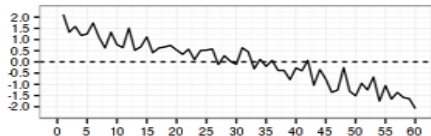
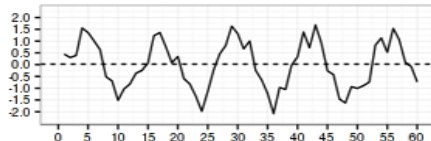
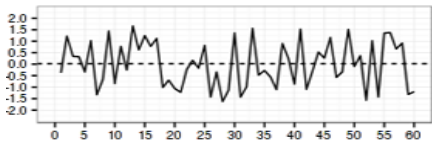


Class 1

Class 2

Unknown class



SAX + Filter

SAX + Filter

SAX + Filter

accbb, accbb, cbbda ...

bbacc, cbcdc, cbcdc...

ccbaa, ccbba, cbbba...

TF*IDF

Normalized
TF*IDF vectors
(sparse weights matrix)

accbb	0.023	0.160
cdaaa	0.070	0.000
...		
addcb	0.000	0.010

Class label =

$$\underset{i}{\operatorname{argmax}} \{tfidf_i * freq_{unknown}\}$$

where $i \in \{1,2\}$