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1. Summ
Investigating vital sign time series dat
several challenges when attempting
rudimentary statistical methods are use
patient strata. For example, when looki
reported post-surgery pain scores, on
slopes of scores logged for patients str
pain trajectories between males and
primitive and can miss many important
behaviors.
We present a technique which
Approximation (SAX) to convert
representations, called SAX words, a
patterns, or motifs. In our analysis, ea
permutation of two subsequent SAX
these motifs are aggregated across all
and rendered into a graphical format
addition to providing the researcher w
series behaviors across patient str
sorted/clustered using simple methods
- to show information that would othe
the original time series representation.