Features Extracted

Waveforms
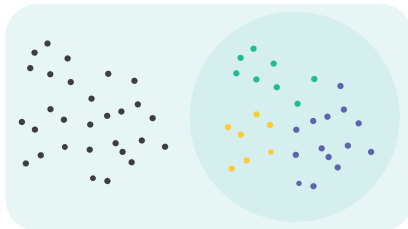
Passive Biophysical attributes

Action Potential attributes
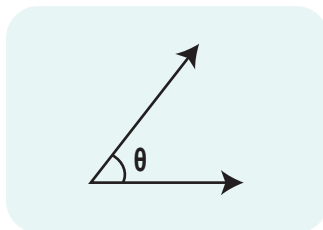
Spike Triggered average

Adaptation Current
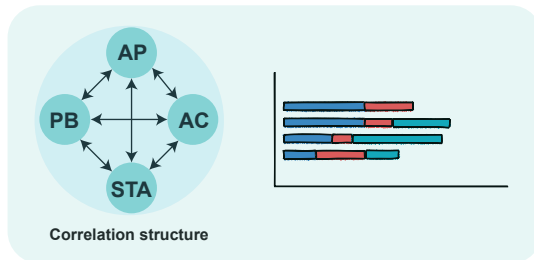
UMAP → **Louvain Clustering**

Classification

Cosine Similarity

θ

Heterogeneity

MCFA

AP

PB   AC

STA

Correlation structure

Feature comprison