

Machine Learning Course



Part 1: Models in Computational Neuroscience

Part 2: Vision (L Perrinet)

Part 3: Supervised Learning

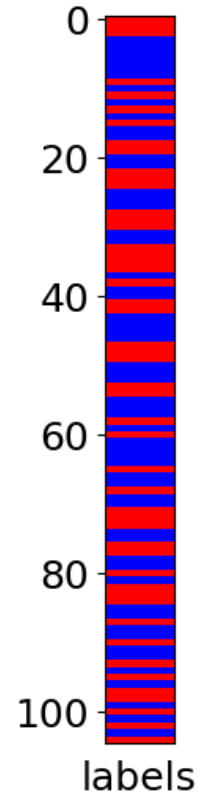
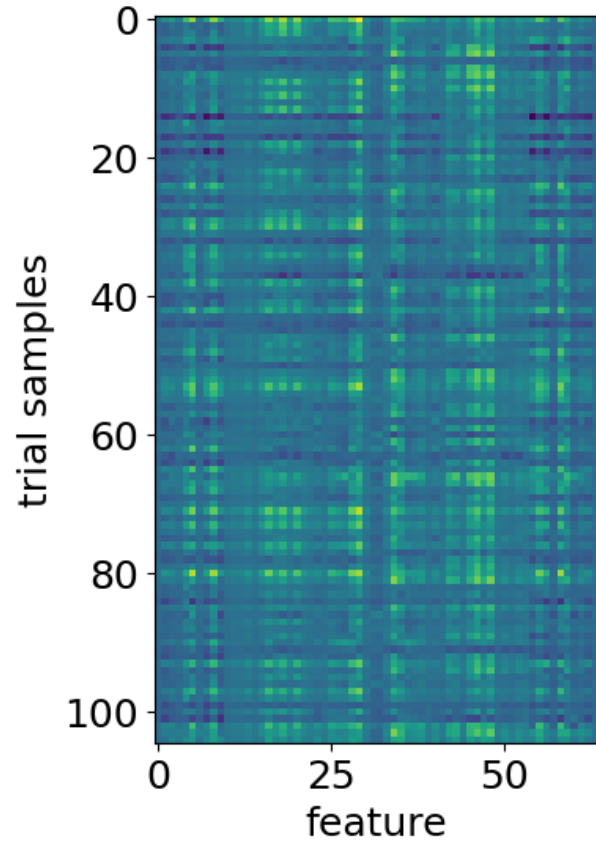
Part 4: Unsupervised Learning

Part 5: Time Series Classification

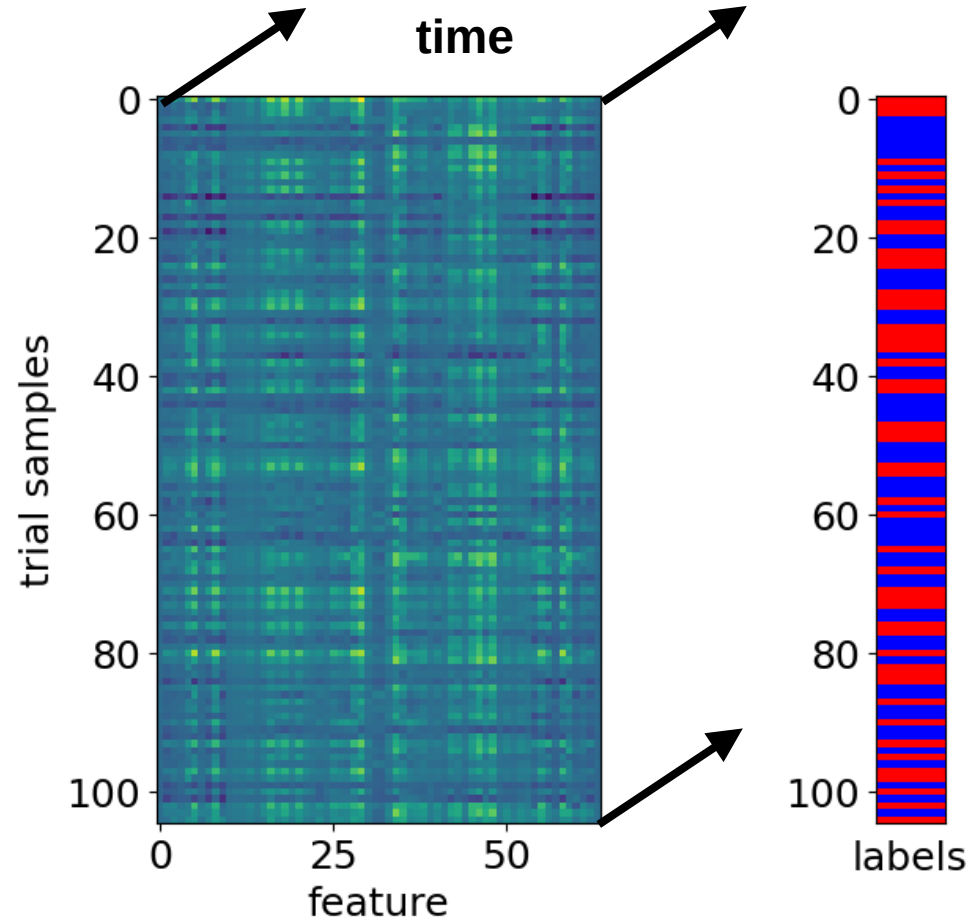
Part 5: Time Series Classification

- Overview of recent tools
- Practice

Time Series as Features instead of Static Data

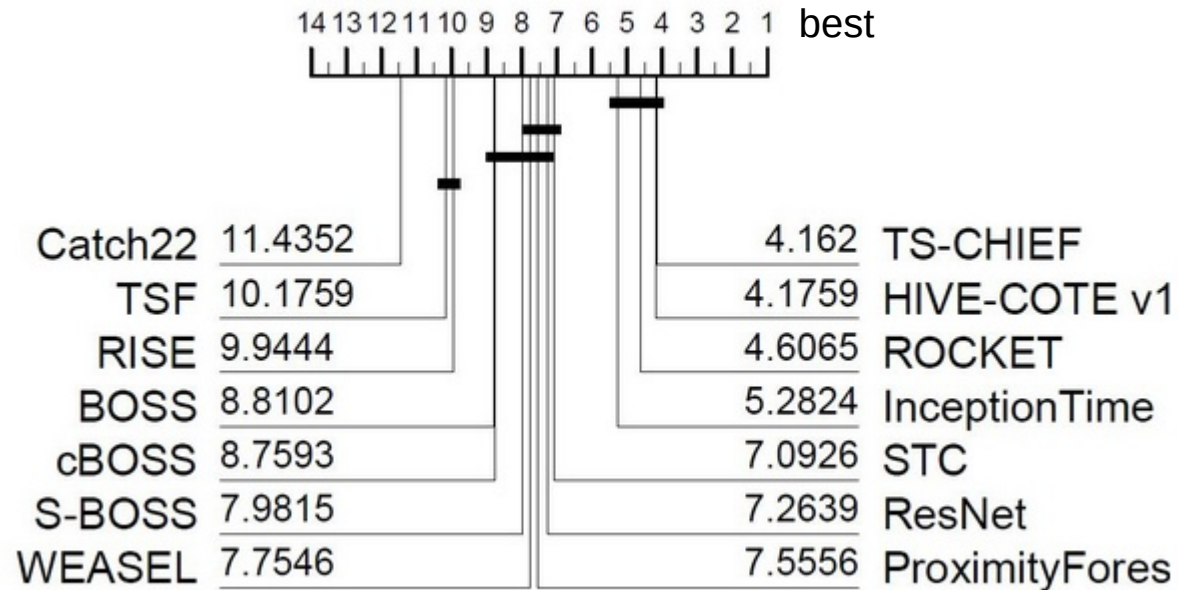


Time Series as Features instead of Static Data



Datasets

- <http://timeseriesclassification.com/>



Python Library: sktime

- http://www.sktime.net/en/latest/estimator_overview.html
- Metrics applied to time series to convert in features
 - mean, correlation, Fourier decomposition, etc.
- Rocket, BOSSEnsemble, etc.
- Datasets: <http://timeseriesclassification.com/>