MLSP 2016

IEEE International Workshop on Machine Learning for Signal Processing

Paper Themes (my Personnal Classification)

- 35 % - Machine learning algorithms
- 15 % - Applications to auditorial data
- 30 % - Applications to other data types
- 20 % - Other

Examples of “Other Applications”

crowd sourcing

earth observations times series

lighting systems energy performance

smart metering systems

face classification and recognition

twitter time series

EEG (x6)

market data

image restoration

data privacy

glomerular filtration size

posture recognition system

localizing users and items

galaxy spectroscopy

Two papers I noted for myself:

A MULTIMODAL MULTIPLE KERNEL LEARNING APPROACH TO ALZHEIMER'S DISEASE DETECTION

Michele Donini[1,2,3]*, Joa˜o M. Monteiro*[1,2]*, Massimiliano Pontil*[2,3]*, John Shawe-Taylor*[2] *and Janaina Mourao-Miranda*[1,2] *for the Alzheimer's Disease Neuroimaging Initiative*∗

1 - Max Planck University College London Centre for Computational Psychiatry and Ageing Research, University College London, London, UK
2 - Department of Computer Science, University College London, London, UK
3 - Computational Statistics and Machine Learning,Istituto Italiano di Tecnologia, Genoa, Italy

THE INFLUENCE OF HYPER-PARAMETERS IN THE INFINITE RELATIONAL MODEL

Kristoffer J. Albers, Morten Mørup, Mikkel N. Schmidt

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