Computational analysis of biological structures and networks

Workshop on "Dissimilarity-based approaches in bioinformatics"

Results

Measuring similarity between gene expression profiles: a Bayesian approach	14.5/15
Early diagnosis of dementia based on intersubject whole-brain dissimilarities	15/15
Sparse Dissimilarity-Constrained Coding for Glaucoma Screening	14.5/15
Prediction of protein subcellular localization based on variable-length motifs detection and dissimilarity based classification	14/15
Measure of synonymous codon usage diversity among genes in bacteria	**
Bhattacharyya distance based emotional dissimilarity measure for emotion classification	14.5/15
Assessment of k-mer spectrum applicability for metagenomic dissimilarity analysis	14.5/15
A study on semi-supervised dissimilarity representation	14.5/15
Dissimilarity-Based Ensembles for Multiple Instance Learning	15+/15
Local Dissimilarity Measures of Frames in Visual Substitution System for Blind People	15/15
A Similarity Learning Approach to Content-Based Image Retrieval: Application to Digital Mammography	14.5/15
A Robust Dissimilarity-based Neural Network for Temporal Pattern Recognition	14/15
Dissimilarity-based classification in the absence of local ground truth: Application to the diagnostic interpretation of chest radiographs	14.5/15
New developments of alignment-free sequence comparison: measures, statistics and next-generation sequencing	**
Perceptual Dissimilarity: A Measure to Quantify the Degradation of Medical Images	14.5/15
Statistical measures of transcriptional diversity capture genomic heterogeneity of cancer	15/15
GO-based Functional Dissimilarity of Gene Sets	15+/15
Comparing sequences without using alignments: application to HIV/SIV subtyping	**
Tractography Mapping for Dissimilarity Space across Subjects	**
Dissimilarity based Partial Least Squares (DPLS) for genomic prediction from SNPs	14/15
Empirical Bayes method for reducing false discovery rates of correlation matrices with block diagonal structure	**
Head and Neck Cancer patient similarity based on anatomical structural geometry	14.5/15

Note for students who received "**":

please come to my office on Wednesday 14th June, h 10.00