Special Issue

Statistical Learning of Networks and Functional Data

Message from the Guest Editor

Databases are becoming more and more accessible, voluminous and complex. In order to make the best use of them, non-parametric statistical methods, stochastic algorithms, statistical learning of networks are frequently used.

There has been growing increasing interest in functional data analysis and statistical learning of networks, including correlation analyses for spatial and temporal data and classification techniques for complex data. Progress has often been driven by the application areas.

The application of functional data and statistical learning of networks to data of real-world complex systems are often hindered by the frequent lack of the convergence problems and sufficient asymptotic mathematical properties. Contributions addressing any of these issues are very welcome.

This Special Issue aims to be a forum for the presentation of new and improved techniques in the area of functional data and statistical learning of networks. In particular, the analysis and interpretation of real-world natural and engineered complex systems with the help of non-parametric statistical methods, stochastic algorithms, statistical learning of networks, functional data.

Guest Editor

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The concept of entropy is traditionally a quantity in physics that has to do with temperature. However, it is now clear that entropy is deeply related to information theory and the process of inference. As such, entropic techniques have found broad application in the sciences.

Entropy is an online open access journal providing an advanced forum for the development and/or application of entropic and information-theoretic studies in a wide variety of applications. *Entropy* is inviting innovative and insightful contributions. Please consider *Entropy* as an exceptional home for your manuscript.

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