Health Assessment in the Big Data Era

Guest Editors:

Prof. Dr. Konstantinos P. Tsagarakis

Dr. František Babič

Dr. Michal Rosen-Zvi

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Message from the Guest Editors

Healthcare represents an important data source for different purposes, such as supporting diagnostic processes, predicting epidemics, improving quality of life, and avoiding preventable casualties. The main objective of this Special Issue is to collect papers with different views and approaches to this domain; methods motivated by the need to improve Healthcare, reduce costs, and achieve more effective diagnostics. In the Big Data Era, the volume of digital information continuously increases, and requires our attention not only from the technological point of view, but from the perspective of trust and ethics as well. The large volumes of data available in this field provide new opportunities to develop various technological solutions, all the while having the patients' interest as a priority. Automated decision-making in Healthcare must respect existing differences and specific conditions in order to operate properly and correctly. It requires considering a veracity of available data with the strong influence on the reliability of developed methods and tools.

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