Machine Learning and Artificial Intelligence for Health Applications on Social Networks

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Message from the Collection Editor

Dear Colleagues,

Artificial intelligence (AI) and machine learning techniques can play a crucial role to deal with such amount of heterogeneous, multi-scale and multi-modal data. AI is changing the landscape of healthcare and modern personalized precision medicine. With the increasing availability of healthcare data and rapid progress of machine learning algorithms and analysis techniques, AI is gradually enabling doctors with tools for better diagnosis, disease surveillance, facilitating early detection, uncovering novel treatments, and creating an era of truly personalized medicine. In particular, novel approaches to AI and big data analytics and mining methods on social media data and social networks may provide invaluable means for health monitoring, surveillance, disease spreading, and outbreak prediction.

The Special Issue solicits empirical, experimental, methodological, and theoretical research reporting original and unpublished results on social networks analysis and mining on topics in the realm of healthcare and health informatics along with applications to real life situations.

Topical Collection

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Message from the Editor-in-Chief

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