Special Issue

Advances in the Modeling and Analytics of Health and Healthcare Systems

Message from the Guest Editor

This Special Issue welcomes contributions that employ sophisticated modeling frameworks, data-driven analytics, and interdisciplinary approaches to address challenges in healthcare delivery, resource optimization, patient outcomes, and public health. For instance, we encourage studies showcasing the efficacy of predictive modeling in identifying high-risk patient populations for targeted interventions, thereby fostering improved care coordination and reduced healthcare costs. Moreover. we welcome contributions spotlighting machine learning applications that exhibit promise in analyzing largescale healthcare datasets to unveil hidden patterns and correlations, paving the way for more personalized treatment strategies and enhanced patient outcomes. Topics of interest include, but are not limited to, predictive modeling, machine learning applications, simulation studies, and network analyses, providing a comprehensive exploration of the tools and methodologies shaping the future of health system research. For detailed information, please visit: mdpi.com/journal/systems/special_issues/SKCW197U8 2

Guest Editor

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Message from the Editor-in-Chief

Systems is a leading venue for the quick and global dissemination of results of cutting-edge research in various areas of systems science and systems-related fields. An increasing number of researchers are realizing the enormous potential of systems thinking in managing the many unprecedented and complex issues in all areas of need. The Systems journal provides a home of exceptional quality for the manuscripts of these researchers who often find it difficult to publish their work in conventional discipline focused journals.

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