Data Statistics for Epidemiological Research

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Message from the Guest Editor

Dear Colleagues,

The key to epidemiological research is the meticulous application of statistical methods to scrutinize intricate datasets, revealing trends, pinpointing risk factors and guiding evidence-based interventions. Therefore we are delighted to unveil a Special Issue devoted to data statistics for epidemiological research. This Special Issue aims to offer a platform for researchers, statisticians, epidemiologists and public health practitioners to present their innovative approaches, methodologies and discoveries in the field of data statistics in epidemiological research. These papers are expected to utilize statistical methodologies in epidemiological research encompassing machine learning and artificial intelligence techniques to aid in uncovering complex relationships within epidemiological data, but are not limited to this field.

Keywords:

- big data analytics
- data analysis
- data visualization
- epidemiology
- health outcomes
- machine learning
- public health
- risk factors
- spatial analysis

Special Issue

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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