

Special Issue

Statistical Methods with Applications in Human Health and Disease

Message from the Guest Editor

In a broad sense, biostatistics is the branch of statistics that centres on the development and use of statistical methods to address problems that arise in biology. Nowadays, talking about biology supposes considering a vast area of knowledge, and biostatistics accompanies all of these fields. In particular, human biology and medicine have made this discipline their own, in such a way that biostatistics is often conceived as the set of methods that solve the problems that arise in biomedical research. This Special Issue of *IJERPH* intends to address some of the subjects that appear in this biomedical facet of biostatistics. Any manuscripts related to the development of statistical methods with applications in human health and disease are welcome. Nevertheless, let us consider some topics of particular interest. Nowadays, our society is experiencing what it means to live through a pandemic firsthand. Mathematical modelling has proven to be a handy tool to predict the evolution of infections and to decide the best policy of action. Formal models can be built from different points of view, namely deterministic, stochastic, and statistical approaches.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards.

IJERPH provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality peer-reviewed journal.

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