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Analysis and Comparison of Complex National Dietary Surveys by Statistical and Machine Learning: Methods and Applications in Nutritional Epidemiology

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Deadline for manuscript
submissions:

closed (31 October 2020)

Message from the Guest Editor

Dear Colleagues,

National dietary surveys produced by many countries have an important role in monitoring the nutritional status of populations across the world. Methodological challenges are often faced in the design and analysis of such surveys and in their comparability across countries/populations. This special issue welcomes papers on:

-Methods to identify dietary behaviour/nutritional patterns by multivariate statistics/machine learning methods with public health applications, e.g. for comparisons across countries/populations or across time;

-Methods to predict or explain health outcomes based on dietary patterns derived from national nutrition survey data;

-Application of causal inference methodology to answer substantive nutrition questions from complex survey data.

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Luigi Palla



mdpi.com/si/33909

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