

Special Issue

Clustering Methods and Statistical Analysis of Clinical Data in Dentistry

Message from the Guest Editors

Statistical analysis of clinical data in dentistry is paramount for evidence-based practice and informed decision-making. Through rigorous statistical methods, dental professionals can elucidate trends, assess treatment efficacy, and identify potential risk factors. This not only enhances the quality of patient care but also contributes to the advancement of dental research, ultimately fostering improved oral health outcomes. Specifically, clustering methods can be used to analyze complex data, identifying patterns and grouping similar cases together to obtain valuable information that can support clinical decisions. The applications of these methods include identifying patients with similar profiles based on shared dental concerns, responses to treatment, or risk factors to facilitate personalized interventions and tailored planning. In this Special Issue, we will collect current scientific research on the application of clustering methods in extracting meaningful information from data in different dental fields in association with their clinical implications.

Guest Editors

Dr. Fabiana Nicita

Department of Biomedical and Dental Sciences and Morphofunctional Imaging, Division of Medical Biotechnologies and Preventive Medicine, University of Messina, 98125 Messina, Italy

Dr. Cinzia Di Nuzzo

Department of Economics and Business, University of Catania, 95129 Catania, Italy

Deadline for manuscript submissions

closed (20 July 2025)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/203311

Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
applsoci@mdpi.com

mdpi.com/journal/

applsoci





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



[mdpi.com/journal/
applsci](https://mdpi.com/journal/applsci)



About the Journal

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.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, Embase, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)