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Disciplina	300.727
Soggetti	Social sciences - Statistical methods Data mining Natural language processing (Computer science) Statistics Statistics in Social Sciences, Humanities, Law, Education, Behavioral Sciences, Public Policy Data Mining and Knowledge Discovery Natural Language Processing (NLP) Statistical Theory and Methods Statistics in Business, Management, Economics, Finance, Insurance Anàlisi del discurs Estadística matemàtica Lingüística computacional Congressos Llibres electrònics
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Nota di contenuto	Part I Statistical methods for Textual Data Analysis -- Statistical and deep learning methods for a linguistic and literary analysis -- Statistical profiling of Hybrid CNN-SVM effectiveness -- EMOTivo: a classifier for emotion detection of Italian texts trained on a self-labelled corpus -- Community detection and semantic analysis on Twitter. The case of No greenpass and No vax movement in Italy -- Evaluating customer

satisfaction through Amazon reviews analysis: the Bluetooth earphones example -- Symmetric Non-Negative Matrix Factorization for analysing the scientific production on day surgery -- Social Media Effects on Sales: consumer sentiment in a state-space model -- Part II Advances in language processing -- Quality enhancements in experimental statistics: the Italian Social Mood on Economy Index -- A Strategy to Identify the Peculiarity of a Lexicon in the Analysis of a Corpus -- Neologisms and estrangement in a corpus of science-fiction -- Automatic retrieving of derived Quechua verbs -- A Stylometric profile of Carmen Mola in the gender of 'her' authorial persona and the contribution of each author behind the pseudonym -- Automatic Genre Classification of Czech Texts Based on Syntactic Functions -- Deep learning as an aid to text mining in the choice of texts to lemmatise for a comparison corpus: a stylistic study of Peter Damian's letters -- Dialogic Process Analysis in Natural Language Processing: an attempt to describe sense of reality and meaning of text data -- Multi-channel Convolutional Transformer and intertextuality: a Latin case study -- Part III Emotional and Sentiment Analyses -- Opinion Mining Hybrid Approach. An application to investigate the users' political positions in disinformative echo chambers -- Prediction of Italians' sentiment during the first COVID-19 lockdown through a weighted random forest balanced with SMOTE algorithm -- Sentiment analysis on social network data: the Regional Index RETI -- Integrating text mining and hermeneutic analysis: the case of international volunteering biographies -- Emotional text mining and multilingual corpora: The analysis of #Covid-19 on Twitter -- Emotional Markers as Indicators of Investor Attitudes: EDA Sub - Process Proposal -- "The Spanish Model": an analysis of Spanish culture in Organ Donation through the Emotional Text Mining -- Part IV Textual Data Analysis in action -- Comparative analysis of national reports: the case of the Erasmus+ ECOLHE Project -- Action Research in Psychology: the case of adoptive family -- Uncovering Uncertainty in Narrative Economics: A Semantic Search Approach -- Italian Institutional communication in pandemic period: a chronological analysis of Prime Minister speeches -- What about corruption? A text analytics method for a scoping literature review -- The stability of the discursive framework of the Ministry of Foreign Affairs tested by textometry -- Statistical analysis of textual data for longitudinal analysis. A study on postgraduate course participants' reflections -- Third Mission & VQR 2015-2019: A Bigram's Story.

Sommario/riassunto

This volume presents a selection of articles which explore methodological and applicative aspects of textual data analysis. Divided into four parts, it begins by focusing on statistical methods, and then moves on to problems in quantitative language processing. After discussing the challenging task of text mining in relation to emotional and sentiment analyses, the book concludes with a collection of studies in the social sciences and public health which apply textual data analysis methods. The refereed contributions were originally presented at the 16th International Conference on Statistical Analysis of Textual Data (JADT 2022), which took place in Naples, Italy, on July 6-8, 2022. The biennial JADT meeting discusses theories, problems, and practical uses of textual data analysis in various fields, sharing a quantitative approach to the study of lexical, textual, pragmatic or discursive features of information expressed in natural language.
