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Descrizione fisica	1 online resource (XII, 148 p. 36 illus.)
Collana	Lecture Notes in Social Networks, , 2190-5428
Disciplina	502.85
Soggetti	Medical informatics Public health Mathematics Social sciences Statistics Health Informatics Public Health Mathematics in the Humanities and Social Sciences Statistics for Life Sciences, Medicine, Health Sciences
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Geographical Mapping and Visual analytics for Health Data -- Social Media Analytics -- Epidemic Intelligence -- Predictive modelling and Decision support -- Biomedical Ontologies, terminologies and standard -- Bayesian Networks and Reasoning under Uncertainty -- Temporal and Spatial Representation and Reasoning -- Case-based Reasoning in Healthcare -- Crowdsourcing, and Collective Intelligence -- Risk assessment, Trust, Ethics, and Privacy -- Sentiment Analysis and Opinion Mining -- Computational Behavioral/Cognitive Modeling -- Applications in Epidemiology and Surveillance (e.g. Bioterrorism, Participatory Surveillance).
Sommario/riassunto	This book aims to highlight the latest achievements in epidemiological surveillance and internet interventions based on monitoring online communications and interactions on the web. It presents the state of the art and the advances in the field of online disease surveillance and

intervention. The edited volume contains extended and revised versions of selected papers presented at the International World Wide Web and Population Health Intelligence (W3PHI) workshop series along with some invited chapters and presents an overview of the issues, challenges, and potentials in the field, along with the new research results. The book provides information for a wide range of scientists, researchers, graduate students, industry professionals, national and international public health agencies, and NGOs interested in the theory and practice of computational models of web-based public health intelligence.