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Nota di contenuto	Analyzing the Dabiq Magazine: The Language and the Propaganda Structure of ISIS -- Characterizing Organizational Micro-Climates in Structural Groups -- Pro/Con: Neural Detection of Stance in Argumentative Opinions -- Modeling Gender Inequity in Household Decision-making -- Bot Detection: Will Focusing on Recall Cause Overall Performance Deterioration -- A Quantitative Portrait of

Legislative Change in Ukraine -- Synthesizing Machine-Learning Datasets from Parameterizable Agents Using Constrained Combinatorial Search -- Exploiting Emojis for Sarcasm Detection -- Condorcet Optimal Clustering with Delaunay Triangulation: Climate Ones and World Happiness Insights -- Using Common Enemy Graphs to Identify Communities of Coordinated Social Media Activity -- Chronological Semantics Modeling: A Topic Evolution Approach in Online User-Generated Medical Data -- Massive-Scale Models of Urban Infrastructure and Populations -- Dynamic Resources Allocation During Natural Disasters Using Multi-Agent Environment.-Parallelizing Convergent Cross Mapping Using Apache Spark -- Continuous-Time Simulation of Epidemic Processes on Dynamic Interaction Networks -- Characterizing Bot Networks on Twitter: An Empirical Analysis of Contentious Issues in the Asia-Pacific -- A Hybrid Cellular Model for Predicting Organizational Recruitment in a k-Dimensional Space -- A Challenging Dataset for Bias Detection: The Case of the Crisis in the Ukraine -- Does Causal Coherence Predict Online Spread of Social Media -- Detecting Disruption: Identifying Structural Changes in the Verkhovna Rada -- Lost in Online Stores? Agent-Based Modeling of Cognitive Limitations of Elderly Online Consumers -- Identifying Toxicity Within YouTube Video Comment Text Data -- Examining Intensive Groups in YouTube Commenter Networks -- User Behavioral Modeling for Fake Information Mitigation on Social Web -- Effect of E-cigarette Use and Social Network on Smoking Behavior Change: An Agent-based Model of E-cigarette and Cigarette Interaction -- Multi-Scale Simulation Modeling for Prevention and Public Health Management of Diabetes in Pregnancy and Sequelae -- Cough Detection Using Hidden Markov Models -- Modeling Belief Divergence and Opinion Polarization with Bayesian Networks and Agent-based Simulation: a Study on Traditional Healing Use in South Africa. .

Sommario/riassunto

This book constitutes the proceedings of the 12th International Conference on Social, Cultural, and Behavioral Modeling, SBP-BRiMS 2019, held in Washington, DC, USA, in July 2019. The total of 28 papers presented in this volume was carefully reviewed and selected from 72 submissions. The papers in this volume show, people, theories, methods and data from a wide number of disciplines including computer science, psychology, sociology, communication science, public health, bioinformatics, political science, and organizational science. Numerous types of computational methods are used include, but not limited to, machine learning, language technology, social network analysis and visualization, agent-based simulation, and statistics. .
