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	Nota di contenuto	Beyond Words: Comparing Structure, Emoji Use, and Consistency Across Social Media Posts -- Bot Impacts on Public Sentiment and Community Structures: Comparative Analysis of Three Elections in the Asia-Pacific -- Understanding Colonial Legacy and Environmental Issues in Senegal through Language Use -- Deploying System Dynamics Models for Disease Surveillance in the Philippines -- MDR Cluster-Debias: A Nonlinear Word Embedding Debiasing Pipeline -- Modeling Interventions for Insider Threat -- Validating Social Media Monitoring: Statistical Pitfalls and Opportunities from Public Opinion -- Lying About Lying on Social Media: A Case Study of the 2019 Canadian Elections -- Breadth verses depth: the impact of tree structure on cultural influence -- Optimizing Attention-Aware Opinion Seeding Strategies -- Polarizing Tweets on Climate Change -- Characterizing Sociolinguistic Variation in the Competing Vaccination Communities -- On Countering Disinformation With Caution: Effective Inoculation Strategies and Others That Backfire Into Community Hyper-Polarization -- Homicidal Event Forecasting and Interpretable Analysis using Hierarchical Attention Model -- Development of a Hybrid Machine Learning Agent Based Model for Optimization and Interpretability -- Canadian Federal Election and Hashtags That Do Not Belong -- Group Formation Theory

at Multiple Scales -- Towards Agent Validation of a Military Cyber Team Performance Simulation -- Developing Graph Theoretic Techniques to Identify Amplification and Coordination Activities of Influential Sets of Users -- Detecting Online Hate Speech: Approaches Using Weak Supervision and Network Embedding Models -- Critical spatial clusters for vaccine preventable diseases -- Multi-cause Discrimination Analysis Using Potential Outcomes -- Twitter is the Megaphone of Cross-Platform Messaging on the White Helmets -- Physiological Signal Embeddings with Nonparametric Hidden Markov Models -- The Rise and Fall of Humanitarian Citizen Initiatives: A simulation-based approach -- Developing an Epidemiological Model to study Spread of Toxicity on YouTube -- Predicting Student Flight Performance with Multimodal Features -- A Game-Transformation-based Framework to Understand Initial Conditions and Outcomes in the context of Cyber-enabled Influence Operations (CIOs) -- The Human Resource Management Parameter Experimentation Tool -- Utilizing Python for Agent-based Modeling: The Mesa Framework -- Strategic Information Operation in YouTube: The case of White Helmets -- Artifacts of Crisis: Textual Analysis of Euromaidan -- Modeling decisions from experience among frequent and infrequent switchers via strategy-based and instance-based models.

| Sommario/riassunto | This book constitutes the proceedings of the 13th International Conference on Social, Cultural, and Behavioral Modeling, SBP-BRiMS 2020, which was planned to take place in Washington, DC, USA. Due to the COVID-19 pandemic the conference was held online during October 18–21, 2020. The 33 full papers presented in this volume were carefully reviewed and selected from 66 submissions. A wide number of disciplines are represented including computer science, psychology, sociology, communication science, public health, bioinformatics, political science, and organizational science. Numerous types of computational methods are used, such as machine learning, language technology, social network analysis and visualization, agent-based simulation, and statistics. |