Contents

‘Big Data’ Decision Making Use Cases ........................................... 1
    Daniel J. Power

The Roles of Big Data in the Decision-Support Process: An Empirical
Investigation ................................................................. 10
    Thiago Poleto, Victor Diogho Heuer de Carvalho,
    and Ana Paula Cabral Seixas Costa

Cloud Enabled Big Data Business Platform for Logistics Services:
A Research and Development Agenda .................................... 22
    Irina Neaga, Shaofeng Liu, Lai Xu, Huilan Chen, and Yuqiuge Hao

Making Sense of Governmental Activities Over Social Media:
A Data-Driven Approach .................................................... 34
    Brunella Caroleo, Andrea Tosatto, and Michele Osella

Data-Mining and Expert Models for Predicting Injury Risk in Ski Resorts . . 46
    Marko Bohanec and Boris Delibašić

The Effects of Performance Ratios in Predicting Corporate Bankruptcy:
The Italian Case ............................................................. 61
    Francesca di Donato and Luciano Nieddu

A Tangible Collaborative Decision Support System for Various Variants
of the Vehicle Routing Problem ......................................... 73
    Nikolaos Ploskas, Ioannis Athanasiadis, Jason Papathanasiou,
    and Nikolaos Samaras

Decision Support Model for Participatory Management of Water Resource . . 85
    Annielli Cunha and Danielle Morais

Modeling Interactions Among Criteria in MCDM Methods: A Review . . . 98
    Ksenija Mandic, Vjekoslav Bobar, and Boris Delibasic

Author Index ................................................................. 111
Decision Support Systems V - Big Data Analytics for Decision Making
First International Conference, ICDSST 2015, Belgrade, Serbia, May 27-29, 2015, Proceedings
2015, XV, 111 p. 24 illus., Softcover
ISBN: 978-3-319-18532-3