# Contents

Acknowledgments vii
Editors, ix
Contributors, xi

## CHAPTER 1 ■ Introduction

Nathalie Henry Riche, Christophe Hurter, Nicholas Diakopoulos, and Sheelagh Carpendale

## CHAPTER 2 ■ Storytelling in the Wild: Implications for Data Storytelling

Barbara Tversky

## CHAPTER 3 ■ Exploration and Explanation in Data-Driven Storytelling

Alice Thuot, Jagoda Walny, Theresia Gschwandtner, Jason Dykes, and John Stasko

## CHAPTER 4 ■ Data-Driven Storytelling Techniques: Analysis of a Curated Collection of Visual Stories

Charles D. Stolper, Bongshin Lee, Nathalie Henry Riche, and John Stasko

## CHAPTER 5 ■ Narrative Design Patterns for Data-Driven Storytelling

Benjamin Bach, Moritz Stefaner, Jeremy Boy, Steven Drucker, Lyn Bartram, Jo Wood, Paolo Ciuccarelli, Yuri Engelhardt, Ulrike Köppen, and Barbara Tversky
CHAPTER 6  ■ Watches to Augmented Reality: Devices and Gadgets for Data-Driven Storytelling 135
BONGSHIN LEE, TIM DWYER, DOMINIKUS BAUR, AND XAQUÍN GONZALEZ VEIRA

CHAPTER 7  ■ From Analysis to Communication: Supporting the Lifecycle of a Story 151
FANNY CHEVAUER, MELANIE TORY, BONGSHIN LEE, JARKE VAN WIJK, GIUSEPPE SANTUCCI, MARIAN DÖRK, AND JESSICA HULLMAN

CHAPTER 8  ■ Organizing the Work of Data-Driven Visual Storytelling 185
CHRISTINA ELMER, JONATHAN SCHWABISH, AND BENJAMIN WIENERKEHR

CHAPTER 9  ■ Communicating Data to an Audience 211
STEVEN DRUCKER, SAMUEL HURON, ROBERT KOSARA, JONATHAN SCHWABISH, AND NICHOLAS DIAKOPOULOS

CHAPTER 10  ■ Ethics in Data-Driven Visual Storytelling 233
NICHOLAS DIAKOPOULOS

CHAPTER 11  ■ Evaluating Data-Driven Stories and Storytelling Tools 249
FERESHTEH AMINI, MATTHEW BREHMER, GORDON BOLDUAN, CHRISTINA ELMER, AND BENJAMIN WIENERKEHR

INDEX, 287