

Acknowledgments

In this volume, I use parts of previously published materials. Chapter 2 uses parts of my entry on abduction in *The Stanford Encyclopedia of Philosophy* (Douven, 2017a) and of my chapter on underdetermination in *The Routledge Companion to Philosophy of Science* (Douven, 2008). Section 3.4 is based on “Can the evidence for explanatory reasoning be explained away?,” which appeared in *IEEE Transactions on Cognitive and Developmental Systems* (Douven, 2020a), and chapter 4 reuses parts of “Inference to the best explanation made coherent,” published in *Philosophy of Science* (Douven, 1999), and parts of “Inference to the best explanation, Dutch books, and inaccuracy minimisation,” published in *Philosophical Quarterly* (Douven, 2013). Chapter 5 relies heavily on “Scoring in context,” which was published in *Synthese* (Douven, 2020b), and parts of chapter 6 come from “The ecological rationality of explanatory reasoning,” which appeared in *Studies in History and Philosophy of Science* (Douven, 2020c). Chapter 7 extends “Optimizing group learning: An evolutionary computing approach,” published in *Artificial Intelligence* (Douven, 2019a), and chapter 8 is based on “Can the skepticism debate be resolved?,” which appeared in *Synthese* (Douven, 2007). I gratefully acknowledge permission to reuse these materials.

