Contents

List of Figures *ix*
List of Tables *xi*
Acknowledgments *xiii*

PART ONE. INTRODUCTION AND MOTIVATION *1*

1 Introduction *3*
2 What Is Ethical Research? *11*

PART TWO. PROBLEMS *29*

3 Publication Bias *31*
4 Specification Searching *56*

PART THREE. SOLUTIONS *75*

5 Using All Evidence: Registration and Meta-analysis *77*
6 Pre-analysis Plans *99*
7 Sensitivity Analysis and Other Approaches *120*

PART FOUR. PRACTICES 141

8 Reporting Standards 143
9 Replication 158
10 Data Sharing 173
11 Reproducible Workflow 194

12 Conclusion 213

Appendix 219
Bibliography 223
Index 247