CONTENTS

Bayesian Thinking in Science and in Court

Introduction: Thinking, Critically	xv
PART ONE: EVALUATING NUMBERS	
Plausibility	3
Fun with Averages	11
Axis Shenanigans	26
Hijinks with How Numbers Are Reported	43
How Numbers Are Collected	75
Probabilities	97
PART TWO: EVALUATING WORDS	
How Do We Know?	123
Identifying Expertise	129
Overlooked, Undervalued Alternative Explanations	152
Counterknowledge	168

PART THREE: EVALUATING THE WORLD

How Science Works	181
Logical Fallacies	198
Knowing What You Don't Know	211
Bayesian Thinking in Science and in Court	216
Four Case Studies	222
Conclusion: Discovering Your Own	251
Appendix: Application of Bayes's Rule	255
Appendix. Application of Dayes's Rule	433
Glossary	257
Notes .	262
Acknowledgments	283
Index bettoged sta andmovi well drive	285

Sphalmandyslauc?