

M& R Book proposal

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1 The Book

1.1 Brief Description

In one or two paragraphs, describe the work, including its rationale, approach, and pedagogy.
(This book is... It does... Its distinguishing features are...)

1.2 Outline

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- I Legal probabilism and its foes
 - 1 The emergence of legal probabilism
 - 1.1 Famous cases
 - 1.2 Probabilistic evidence
 - 1.3 Trial by mathematics
 - 1.4 Some history
 - 2 A skeptical perspective
 - 2.1 The difficulty about conjunction
 - 2.2 The complexity objection
 - 2.3 The problem of corroboration
 - 2.4 The problem of artificial precision
 - 2.5 Naked statistical evidence
 - 2.6 The problem of priors
 - 2.7 The reference class problem
 - 2.8 Non-probabilistic perspectives
 - II Evidence assessment
 - 3 Bayes' Theorem and the usual fallacies
 - 3.1 Assuming independence
 - 3.2 The prosecutor's fallacy
 - 3.3 Base rate fallacy
 - 3.4 Defense attorney's fallacy
 - 3.5 Uniqueness fallacy
 - 3.6 Case studies
 - 4 Complications and caveats
 - 4.1 Complex hypotheses and complex bodies of evidence
 - 4.2 Source, activity and offense level hypotheses
 - 4.3 Where do the numbers come from?
 - 4.4 Modeling corroboration
 - 4.5 Stories, explanations and coherence
 - 5 Likelihood Ratios and Relevance
 - 5.1 Likelihood ratio as a measure of evidence strength
 - 5.2 The risk of false positive and its impact

Before I start briefly describing each chapter, take a quick look. I updated the LR chapters given our work in progress, the rest is as in previous discussions. Thoughts? Revisions?

- 5.3 Hypothesis choice
- 5.4 Levels of hypotheses and the two-stain problem
- 5.5 Relevance and the small-town murder scenario
- 5.6 The cold-hit confusion
- 5.7 Likelihood ratio and cold-hit DNA matches
- 6 Bayesian Networks
 - 6.1 Bayesian networks to the rescue
 - 6.2 Legal evidence idioms
 - 6.3 Scenario idioms
 - 6.4 Modeling relevance
 - 6.5 Case study: Sally Clark
 - 6.6 DNA evidence
- 7 Corroboration
 - 7.1 Boole's formula and Cohen's challenge
 - 7.2 Modeling substantial rise in case of agreement
 - 7.3 Ekelöf's corroboration measure and evidentiary mechanisms
 - 7.4 General approach with multiple false stories and multiple witnesses
- 8 Coherence
 - 8.1 Existing probabilistic coherence measures
 - 8.2 An array of counterexamples
 - 8.3 Coherence of structured narrations with Bayesian networks
 - 8.4 Application to legal cases
- 9 New legal probabilism
 - 9.1 Desiderata
 - 9.2 A probabilistic framework for narrations
 - 9.3 Probabilistic explications of the desiderata
 - 9.4 Bayesian network implementation
- III Trial Decisions
 - 10 The functions of the proof standards
 - 10.1 Conceptual desiderata
 - 10.2 Protecting defendants
 - 10.3 Error reduction and error distribution/allocation
 - 10.4 Dispute resolution and public deference
 - 10.5 Justification and answerability
 - 11 Standards of proof
 - 11.1 Legal background
 - 11.2 Probabilistic thresholds
 - 11.3 Theoretical challenges
 - 11.4 Specific narratives
 - 11.5 The comparative strategy
 - 11.6 The likelihood strategy
 - 11.7 Challenges (again)
 - 11.8 Probabilistic thresholds revised
 - 11.9 Bayesian networks and probabilistic standard of proof
 - 12 Accuracy and the risk of error
 - 12.1 Minimizing expected costs
 - 12.2 Minimizing expected errors
 - 12.3 Expected v. actual errors
 - 12.4 Competing accounts of the risk of error
 - 12.5 Bayesian networks and the risk of error
 - 13 Fairness in trial decisions

- 13.1 Procedural v. substantive fairness
- 13.2 Competing measures of substantive fairness
- 13.3 Bayesian networks and fairness
- 14 Alternative accounts and legal probabilism
 - 14.1 Baconian probability
 - 14.2 Relative Plausibility
 - 14.3 Arguments
 - 14.4 Sensitivity
 - 14.5 Normic Support
 - 14.6 Justification/foundherentism
 - 14.7 Completeness
 - 14.8 Relevant alternatives
 - 14.9 Knowledge
- 15 Conclusions

1.3 Outstanding Features List

Briefly what you consider to be the outstanding, distinctive, or unique features of the work.

1.4 Apparatus

- a. Will the book include photographs, line drawings, cases, questions, problems, glossaries, bibliography, references, appendices, etc.?
- b. If the book is a text, do you plan to provide supplementary material to accompany it? (Teacher's manual, study guide, solutions, answers, workbook, anthology, or other material.)

1.5 Competition

- a. Consider the existing books in this field and discuss specifically their strengths and weaknesses. Spell out how your book will be similar to, as well as different from, competing works.
- b. Consider what aspects of topical coverage are similar to or different from the competition. What topics have been left out of competing books and what topics have been left out of yours?
- c. Please discuss each competing book in a separate paragraph. (If possible, please provide us with the publisher and date of publication as well.) This information will provide the reviewers and the publisher a frame of reference for evaluating your material. Remember, you are writing for reviewers and not for publication, so be as frank as possible regarding your competition. Give credit where credit is due, and show how you can do it better.

2 Market Considerations

2.1 The Primary Market

- 1. What is the major market for the book? (Scholarly/professional, text, reference, trade?)
- 2. If this is a text, for what course is the book intended? Is the book a core text or a supplement? What type of student takes this course? What is the level? (Major or non-major; freshman, senior, graduate?) Do you offer this course yourself? If so, how many times have you given it? Is your text class-tested?
- 3. If the market is scholarly/professional, reference, or trade, how may it best be reached? (Direct mail, relevant journals, professional associations, libraries, book or music stores?) For what type of reader is your book intended?

3 Status of the Work

1. Do you have a timetable for completing the book?
 - a. What portion or percentage of the material is now complete?
 - b. When do you expect to have a complete manuscript?
2. What do you estimate to be the size of the completed book?
 - a. Double spaced typewritten pages normally reduce about one-third when set in type; e.g., 300 typewritten pages make about 200 printed pages. There are about 450 words on a printed page.
 - b. Approximately how many photographs do you plan to include?
 - c. Approximately how many line drawings (charts, graphs, diagrams, etc.) will you need?
 - d. Do you plan to include material requiring permission (text, music, lyrics, illustrations)? To what extent? Have you started the permissions request process?
3. Do you plan to class-test the material in your own or other sections of the course? (Any material distributed to students should be protected by copyright notice on the material.)

4 Sample Chapters

Select one or two chapters of the manuscript that are an integral part of the book. They should be those you consider the best-written ones, and do not have to be in sequence. For example, you might submit chapters 3, 7, and 14 of a 20-chapter book, so long as these chapters represent the content and reflect your writing style and pedagogy in the best possible light. It is also advisable to submit any chapter that is particularly innovative or unique. Sample chapters should contain rough sketches, charts, hand-written musical examples or xerox reproductions, and description of photographs to be included. The material need not be in final form, although it should be carefully prepared and represent your best work. In your preparation, emphasis should be on readability. Please do not bind your manuscript, as we will have to unbind it in order to make photocopies for reviewers. Also be sure all pages are numbered either consecutively or double-numbered by chapter.

5 Reviews

If we are interested in your project, we will commission outside reviewers to read and evaluate your proposal. We will, of course, obtain the best available reviewers to consider your work. If you wish to suggest the names of experts in your field whom you believe to be ideally suited to evaluate your proposal, you may provide their names, titles, and email addresses. While we are unlikely to approach these scholars to act as reviewers themselves, we may ask them for their suggestions for peer readers. Naturally, we do not reveal the names of reviewers without their permission.

6 Author Background

Please include a current CV or brief biography of your writing, teaching, and/or educational background and experience. Be sure to list any books that you have previously published, and any other information about yourself on why you are qualified to write this book.

7 Response Time

Please allow at least 6-10 weeks for the manuscript proposal evaluation and review process. We will contact you as soon as we have had a chance to thoroughly examine your manuscript

proposal. Thank you for your interest in Oxford University Press. We look forward to reading your materials.