

# Boosting Legal Probabilism

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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...)

Can the evidence presented at trial be examined, weighed and assessed using probability theory? Can legal decision-making and standards of proof such as ‘preponderance of the evidence’ or ‘proof beyond a reasonable doubt’ be defined using the language of probability? Does the deployment of probability theory in assessing evidence and making decisions improve the accuracy and fairness of legal decision-making? Over the last fifty years, these questions have been debated in the literature in philosophy, law, forensic science and artificial intelligence. Legal probabilism is a research program that attempt to demonstrate that the answers to these questions are, by and large, affirmative. Legal probabilists have made considerable progress, but also faced robust skepticism by legal theorists and philosophers. Our book ‘Boosting Legal Probabilism’ examines the most important objections to this research program and articulates a version of legal probabilism that is able to address many, if not all, of these objections.

We begin with the simple version of the theory. It comprises two key elements: first, Bayes’ theorem for assessing the weight of the evidence, and second, probability thresholds as decision criteria. The simple version of legal probabilism is promising in many ways, but also falls prey to several difficulties, including the problem of conjunction, puzzles of naked statistical evidence, and the problem of priors. Some legal probabilists have attempted to dismiss these difficulties or downplay their significance. We confront them at face value and show that they cannot be addressed within the confines of simple legal probabilism. We then develop a more sophisticated theory, what we call legal probabilism 1.02, which takes advantage of Bayesian networks and other seminal ideas in the literature in forensic science and artificial intelligence. ‘Boosting Legal Probabilism’ articulates the first comprehensive philosophical analysis of whether—and if so, to what extent—legal probabilism 1.02 can overcome the limitations of simple legal probabilism. We also show that the more sophisticated version rivals in explanatory power two competing accounts of judicial fact-finding: argumentation theory and relative plausibility. To add precision to the claims made in the book, the analytic argument is supplemented with an **R** code implementation.

‘Boosting Legal Probabilism’ is aimed at philosophers with an interest in legal epistemology and epistemology more generally. Many of the difficulties of legal probabilism resemble difficulties faced by Bayesianism in epistemology. The book will also be of interest to legal scholars who have championed applications of probability theory to evidence law as well as scholars who have resisted this trend. Another target audience includes computer scientists and psychologists interested in studying evidential reasoning and decision-making under uncertainty. Besides contributing to the literature about legal probabilism, the book aims to introduce unfamiliar readers to the rich interdisciplinary debate on the topic, often scattered throughout journals and books in philosophy, law, computer science, forensic science and psychology. So the book is aimed at scholars, advanced undergraduates and curious readers more generally. Some chapters present original research and require technical background in probability theory. Others are introductory, suitable for an advanced undergraduate course.

## 1.2 Outline

### Part I - Legal Probabilism and Its Foes

The first part of the book will instill interest in legal probabilism among unfamiliar readers and refresh seasoned readers about the main points of contention. **Chapter 1** outlines simple legal probabilism which comprises a familiar repertoire: Bayes' theorem, likelihood ratios, probability thresholds, expected utility maximization. This repertoire has proven useful in several ways, especially in the assessment of explicitly quantitative evidence such as DNA matches and other expert evidence. At the same time, as **Chapter 2** shows, simple legal probabilism is liable to a host of conceptual difficulties: the conjunction problem, the problem of priors, and the paradoxes of naked statistical evidence. These difficulties are well-known. Others are less familiar: the problem of complexity, soft variables, and the difficulty with corroboration.

The first two chapters provide the essential background for a deeper examination of legal probabilism and the development of its more sophisticated version. The remaining parts of the book cover two distinct topics: evidence assessment (Part II and Part III, Chapters 3 through 10) and decision-making (Part IV and Part V, Chapters 11 through 17). This distinction reflects the fact that legal probabilism is both a theory of evidence assessment (or evidence evaluation, evidence weighing) as well as a theory of decision-making at trial. These two topics are obviously intertwined in important ways, but are best kept separate for analytical clarity.

### Part II - Evidence Assessment First Pass

The second part of the book discusses in great detail two formal tools that are essential for the legal probabilist: Bayes' theorem and likelihood ratios. We focus in particular on how these tools can help to assess, weigh and evaluate evidence at trial as well as what their limitations are.

**Chapter 3** begins with Bayes' theorem and surveys many of its applications, for example, as a tool to avoid reasoning fallacies such as the prosecutor's fallacy and the base rate fallacy. At the same time, its applications are also limited. As discussed in **Chapter 4**, court cases often require fact-finders to weigh several pieces of evidence, sometimes conflicting and susceptible to different interpretations. The hypotheses that the fact-finders are asked to evaluate in light of the evidence are structured stories or explanations constituted by several sub-propositions. This level of complexity can hardly be modeled by successive discrete applications of Bayes' theorem. A more sophisticated machinery for evidence assessment is needed.

**Chapter 5** describes a formal tool distinct from Bayes' theorem which many legal probabilists have found useful: likelihood ratios. Bayes' theorem requires one to assess the prior probabilities of the hypothesis of interest. The problem is that assessing prior probabilities is notoriously difficult. Likelihood ratios, instead, offer a way to evaluate the evidence presented at trial without the need of assessing prior probabilities. We illustrate the applications of likelihood ratios focusing on the debate about cold-hit DNA matches and the impact of false positive probability. The chapter also examines the weaknesses of this approach. The choice of the competing hypotheses compared in the likelihood ratio is often a source of confusion, manipulation and subjective judgment. Another problem is that, like simple applications of Bayes' theorem, likelihood ratios are still unable to model complex bodies of evidence. A further problem, as critics have alleged, is that likelihood ratios cannot model the notion of evidential relevance.

This is a bit too strong, rephrase:

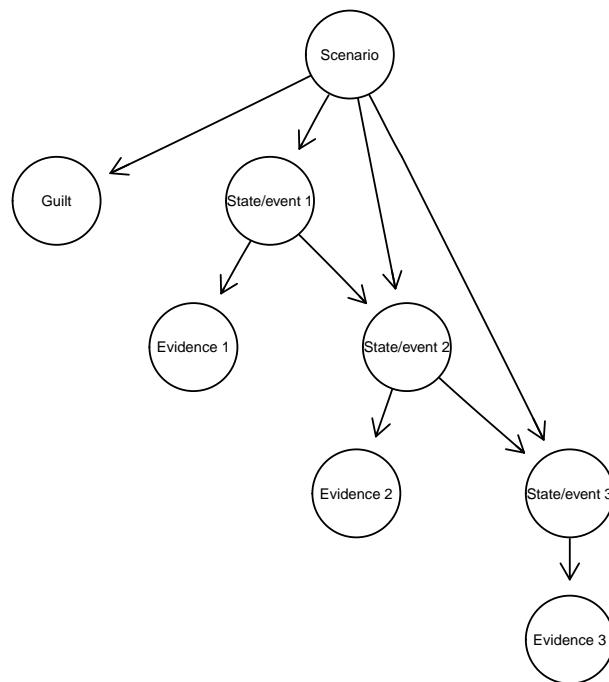
### Part III - Evidence Assessment More and Better

Chapters 3 and 4 show that we need to move past simple legal probabilism. Chapter 5 shows that likelihood ratios, while useful in many ways, are still an unsatisfactory approach overall. The journey toward legal probabilism 1.02 is accomplished in Part III, Chapters 6 through 10. Our analysis is informed by the following working hypothesis. An accusation of liability must be substantiated by providing a well-specified account—a story or narrative—of the alleged illegal act committed by the defendant. This account consists of several moving parts, each supported by different items of evidence. The defense may respond by attacking the supporting evidence, the internal consistency of the account, or by offering an alternative account. It is this complex dynamics that we aim to formalize in the following chapters.

We focus on two aspects of the evaluation of trial evidence which simple legal probabilism is

unable to model: first, judges and jurors often think holistically about the evidence, say in terms of coherent stories or explanations, without assessing the evidence by discrete applications of Bayes' theorem or likelihood ratios; second, different pieces of evidence interact in complex relationships, such as undercutting, rebutting, converging, or corroborating evidence. We show that Bayesian networks constitute the formal machinery necessary for developing a more sophisticated legal probabilism that is able to capture these phenomena. The key idea is that the coherence of a story as well as conflicts between pieces of evidence can be modeled formally by corresponding properties of, operations on, and relations between Bayesian networks.

**Chapter 6** offers a crash course on Bayesian networks with a focus on the assessment of legal evidence. A Bayesian network comprises a directed acyclic graph (called a DAG) that represents relations of dependence between variables, along with conditional probability tables corresponding to these relations. In the last decade, the literature in artificial intelligence and forensic science has made significant progress in modeling holistic notions such as the coherence of a story and argument-based notions such as conflicts between pieces of evidence. Chapter 6 surveys this literature focusing on the work of Charlotte Vlek and Norman Fenton. Vlek, together with Bart Verheij and Henry Prakken, proposed to model the coherence of a story by adding a node in the Bayesian network, call it a 'story node.' The story node has other nodes as its children corresponding to the events that make up the story. In turn, these events are linked to their supporting evidence. An example of a Bayesian network with a story node (or scenario node to use Vlek's terminology) is depicted below:



Since the story node unifies the different parts of a story, changes in the probabilities of these parts can be used to model the notion of coherence. The stronger the (positive) probabilistic dependence between the different parts, the more coherent the story. To model conflicts of evidence, a Bayesian network can be built that comprises two competing stories, say, one story was put forward by the prosecution and another by the defense, each supported by their own evidence. The network would specify that these stories are incompatible and cannot be true concurrently. Another approach to model conflicting evidence and competing stories was developed by Norman Fenton and his research group. Separate stories are represented by separate Bayesian networks, and Bayesian model comparison is then used for assessing the comparative evidential support of the competing stories.

**Chapter 7** focuses on Vlek's story node approach as an account of coherence. The chapter contains a critical argument followed by a positive proposal. We show that adding a story node

by fiat—without any good reason for supposing that the different parts of the story are connected other than being part of one story—introduces unnecessary probabilistic dependencies between the elements of a story. In addition, the story node approach is overly simplistic as an account of coherence and fails to engage with the rich philosophical literature on the topic. After the critical argument, the chapter articulates a more adequate probabilistic account of coherence. Instead of adding a story node, we show that it is more appropriate to assess the dependence between the different parts of a story on a case-by-case basis and build the Bayesian network accordingly. We then define a formal notion of ‘story coherence’ that reflects properties of the Bayesian network used to model the evidence. We show that our formal notion of coherence addresses the objections against probabilistic accounts of coherence in the philosophical literature.

This sentence is too vague in its positive part:

**Chapter 8** focuses on conflicts between pieces of evidence. Neither Vlek’s story node approach nor Fenton’s model comparison approach adequately capture how pieces of evidence and competing stories may conflict with one another. It is too simplistic to posit that the complex adversarial dialectic that takes place in a trial could be modeled by averaging different Bayesian networks (Fenton) or postulating relationships of incompatibility between different story nodes (Vlek). We need an account of more fine-grained notions, such as undercutting and rebutting evidence, and more generally we need an account of how cross-examination operates at trial. What cross-examination often accomplishes is not so much the creation of an alternative story, but rather, the reinterpretation of an existing story by supplying additional information. We show that this process of reinterpretation can be represented formally as the refinement of an existing Bayesian network. Conflicts between pieces of evidence such as undercutting and rebutting can be modeled by drawing additional arrows between evidence nodes and hypothesis nodes.

M: ANYTHING ELSE TO DESCRIBE THE POSITIVE ACCOUNT?

The reverse of the phenomenon of conflicting evidence is that of converging evidence, in particular, the fact that one piece of evidence corroborates another. Corroboration has been the focus of extensive scholarly debate often independently of the debates within legal probabilism. **Chapter 9** surveys the literature on corroboration and the main difficulties that have been levelled against proposed probabilistic accounts. The chapter then formalizes a notion of corroboration using Bayesian networks that overcomes most of the difficulties of existing accounts.

M: ANYTHING ELSE TO DESCRIBE THE POSITIVE ACCOUNT?

**Chapter 10** draws some general morals after comparing legal probabilism 1.02—as formulated in the previous two chapters—to other accounts of judicial fact-finding, in particular, argumentation theory and relative plausibility. Argumentation theory is well suited to model conflicts between evidence, but cannot easily model the fact that evidence may conflict more or less strongly with other evidence. Unlike argumentation theory, legal probabilism 1.02 offers an account of evidential support, conflict and convergence that captures how these relations come in degrees of strength. The other competing theory we consider, relative plausibility, is often criticized because the defense lawyer need not present a full-fledged alternative story. Without settling this controversy, we note that legal probabilism 1.02 is flexible enough to model competing stories (in agreement with relative plausibility) or model conflicts without the need to construct a full-fledged alternative story (as critics of relative plausibility prefer).

Legal probabilism 1.02 can still be challenged because of its questionable empirical adequacy since judges and jurors hardly follow probability theory. Nevertheless, we emphasize how legal probabilism 1.02 offers a richer account of evidential support beyond what critics have recognized. Susan Haack, for example, criticized legal probabilism for its monodimensional account of evidential support. This is true of simple legal probabilism in which evidential support is modeled by the posterior probability of a hypothesis given the evidence or the likelihood ratio. Legal probabilism 1.02, however, offers a richer account. In it, evidential support also depends on the degree of specificity and coherence of the story put forward, and the extent to which the supporting evidence withstands objections. These features—specificity and coherence, as well as resistance to objections—can serve to formulate decision criteria that are not unidimensional thresholds. This point is discussed more extensively in the next part of the book.

## Part IV - Decision-making

The third part of the book examines trial decision-making, specifically, to what extent standards of proof such as ‘preponderance of the evidence’ and ‘proof beyond a reasonable doubt’ can be understood through the lenses of probability theory. There has been a spur of research arguing

that legal probabilism is unfit to model standards of proof. But this research often holds a narrow view of legal probabilism. We show that the version formulated in the previous chapters of the book provides an adequate framework for theorizing about standards of proof.

**Chapter 11** examines different strategies for theorizing about standards of proof using probabilistic language. We begin with the most natural decision criterion, a probability threshold whose stringency is determined by expected utility maximization. This account falls prey to well-known objections, most notably, the puzzles of naked statistical evidence and the difficulty with conjunction (discussed in greater detail in later chapters). We then turn to alternative accounts, in particular, the comparative strategy (Cheng) and the likelihood ratio strategy (Dawid, Kaplow, Sullivan). Finally, we present our own proposal. That is, the standard of proof is a function of several criteria: the probability of liability, the specificity and coherence of the accusatory story, the comprehensiveness of the supporting evidence and its ability to withstand objections. In the following chapters, we show that our proposal outperforms the comparative strategy and the likelihood ratio strategy. We emphasize that these criteria—probability, specificity, etc. – can be modeled using Bayesian networks. So our proposal lies within the confines of legal probabilism, though not the narrow version its critics have in mind.

**Chapter 12** tackles the puzzles of naked statistical evidence. This is a topic of enormous scholarly attention in the recent philosophical literature. Our solution rests on two premises. First, an accusation of liability should be substantiated by a well-specified account—or story, narrative—whose moving parts are each supported by adequate evidence. In cases of naked statistical evidence, the probability of liability is high, but the specificity of the accompanying narrative is suspiciously low. The second premise is that the supporting evidence should typically be ‘causally grounded.’ This grounding contributes to a well-specified story and is achieved during cross-examination by eliciting additional information about the relation between the evidence and the alleged facts—for example, information about the visibility conditions; the academic credential of an expert witness; the chain of custody of a document. Interestingly, naked statistical evidence blocks cross-examination because no undercutting evidence can in principle be brought against it.

please remember to use dashes like this

**Chapter 13** tackles another central problem for legal probabilism, the difficulty with conjunction. We first provide a detailed argument for why previous attempts in the literature on legal probabilism have failed, focusing on the likelihood ratio approach by Dawid and the comparative strategy by Cheng. Our proposal follows the holistic approach by Allen and Pardo. As noted already, our working hypothesis is that the prosecution (or the plaintiff in a civil trial) should aim to establish a well-specified accusatory narrative whose moving parts are supported by adequate evidence. Once the prosecution has accomplished that—and its case withstands criticism—each element of the accusation is established to the required standard if and only if the conjunction of these elements (that is, the story as a whole) is established to the required standard. So long as legal probabilism can offer an account of evidential support that is sensitive to holistic notions such as coherence and specificity, as well as argument-based notions such as resistance to objections, legal probabilism can address the difficulty with conjunction.

M: THIS MIGHT NEED SOME WORK. WHAT TO ADD?

**Chapter 14** compares our probabilistic account of decision-making and standards of proof to other accounts in the literature. We advance two main points of criticism. First, other accounts are not necessarily incompatible with legal probabilism 1.02 which may in fact provide a more rigorous way to express their insights. This point applies to foundeherentism (Hack), normic support (Smith), argumentation theory (Sartor and Prakken) and to some extent relative plausibility (Allen and Pardo). The second criticism we make is that other accounts are engaged with what we might call ‘epistemology fetishism’—that is, they borrow ideas in contemporary analytic epistemology and force them onto legal-decision making. This criticism applies in particular to knowledge accounts of legal proof. But we might ourselves be accused of ‘probability fetishism’—that is, of unquestionably taking probability theory as a paradigm of rationality and force it onto legal-decision making. To be sure, there is no clear evidence that a probabilistic turn in legal decision-making would improve trial decisions. On the other hand, what it would mean to ‘improve’ trial decision is unclear. A set of criteria are needed for assessing the desired improvements. We tackle this normative question in the final part of the book and show how probability can help.

## Part V - Accuracy and Fairness

Even if one did not agree that legal probabilism as we have articulated it is helpful for understanding evidence assessment and decision-making at trial, it can still play an analytic role. What values and objectives should trial decision seek to realize? How should these decisions be made so that they further these values and objectives? The fourth part of the book addresses these questions by focus on the accuracy and fairness of trial decisions.

**Chapter 15** surveys different values and objectives that may inform the design of the trial system. We assume that the state has in principle an authority to inflict punishment and allocate monetary compensation, but explore what would strengthen or substantiate this authority. We survey the most common values and objectives that trial decisions should conform with: trial decisions should be accurate; they should be fair and not further existing inequalities in society; they should be accompanied by a justification that is public and subject to scrutiny; they should be reversible under appeal; they should contribute to further social cohesion, compliance and deterrence; they should be humane and respectful of people's dignity. We also explore to what extent these values and objectives may be in tension with one another and to what extent they can be subject to restrictions. For example, trial by jury, on one hand, allows for democratic participation in legal decisions, but also makes them less subject to public scrutiny. The subsequent chapters focus on two values and objectives: accuracy and fairness. We focus on them, not because the others are not important, but because we believe they are foundational for the others.

**Chapter 16** examines what it means for trial decisions to be accurate. There are different ways to understand accuracy in trial decisions. We first distinguish accuracy in the single instance and accuracy in the long run. Accuracy in the single instance is the conviction of a defendant that is factually guilty and the acquittal of a defendant that is factually innocent. A similar definition applies to civil liability. Some have objected to the notion of 'factual guilt' on the ground that guilt a judgment made on the basis of evidence, not a state of affairs that exists objectively. We argue that this view needlessly deprives trial decision of a fundamental criterion of objectivity and legitimacy. We then turn to accuracy in the long run. Here is where the conception of probability is most useful. In the long run, accuracy can be understood as predictive or diagnostic. The former is the probability that, if the defendant is found (not) liable at trial, the defendant is actually (not) liable; the latter is the probability that if the defendant is (not) liable, the defendant would (not) be found liable at trial. The two notions are related but they are not equivalent. Distinguishing them has implications for how we should understand standards of proof. To this end, we ask whether the standard of proof as we defined in earlier chapters – consisting of multiple criteria such as high probability of liability and narrative specificity – is in fact accuracy-promoting. We devise a computer simulation that compares two models of the standard of proof. On the first model, the standard of proof simply requires that the defendant's liability be established with a high probability. On the second model, the standard of proof requires, in addition to high probability, that the narrative presented by the prosecution or the plaintiff be reasonably specific. We compare the performance of the two models against long run accuracy, both in terms of predictive accuracy and diagnostic accuracy. While the first model prevails in terms of predictive accuracy, the second prevails in terms of diagnostic accuracy. We argue that diagnostic accuracy, rather than predictive accuracy, is the most adequate notion of accuracy for trial decisions. If this is correct, understanding the standard of proof as the combination of a 'high probability' and 'narrative specificity' would be a better—that is, more rational—model of the standard of proof.

Does this make sense?  
Anything to add or re-move?

**Chapter 17** turns to the fairness of trial decisions. Another notion that can be further clarified through the lenses of probability theory is fairness. What does it mean for trial decisions to be fair? The formalistic sense of fairness would require that every rule be applied to all participants in the same way. The more substantive sense of fairness would require that burdens (and benefits) be evenly distributed across different defendants. Substantive fairness can be understood as the requirement that all defendants be exposed to the same risk of mistaken conviction (or more precisely, that the conditional probability that a defendant, if innocent, would be convicted be the same across all defendants). Once this notion of substantive fairness is on the table, we can meaningfully debate whether certain types of evidence (and types of rules of procedure) are unfair, or whether, as some have argued, trial decisions are inevitably unfair because evidence is distributed unfairly via structural inequalities in society.

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### 1.3 Outstanding Features of the Book

- ‘Boosting Legal Probabilism’ is the first comprehensive sustained philosophical examination of legal probabilism and how it fares against well-known objections.
- The book is interdisciplinary. It closely engages with the literature in philosophy (see, for example, the discussion about coherence and corroboration) as well as literature outside philosophy in artificial intelligence and forensic science (see, for example, the discussion of Vlek’s story node approach and Fenton’s averaging).
- The analytical, theoretical argument in defense of legal probabilism is accompanied by an R code implementation. This underscores the theoretical, practical and computational aspiration of ‘Boosting Legal Probabilism.’
- The book is suitable for different audiences with different interests. It is partly introductory and partly describing original research by the authors. Instead of reading the entire book, one could follow different tracks. One could read the book to learn about the proof paradoxes (Chapter 2, 11, 12 and 13), Bayesian networks for evidence assessment and decision-making (Chapters 6 through 11, legal probabilism and its difficulties (Chapter 1, 2, 3, 4 and 11), the accuracy and fairness of trial decisions (Chapters 14, 16 and 17), etc. We will make sure to describe several tracks that readers could follow depending on their interests.

what else?

### 1.4 Apparatus

a. Will the book include photographs, line drawings, cases, questions, problems, glossaries, bibliography, references, appendices, etc.?

Yes, the book will contain various plots, either of Bayesian networks, or some other data visualisations generated by `ggplot2`. The book also will contain bibliography.

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.)

The book will be accompanied by an online-only appendix detailing the use of the R code in the book and the source code we used.

### 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.

Three types: BNs in the law, Philosophy & law, Statistics in law and forensics

For now, let’s list competition, and discuss key differences

- “Bayesian Networks and Probabilistic Inference in Forensic Science” by Taroni, Aitken, Garbolino and Biedermann.
  - “Risk Assessment and Decision Analysis with Bayesian Networks” by Fenton and Neil.
  - “Bayesian Networks With Examples in R” by Marco Scutari and Jean-Baptiste Denis.
  - Bayesian data analysis, Taroni
  - Alex Stein, foundations of evidence law
  - Nance, Burdens of proof
  - Schauer, Profiles, . . .
  - Ho, Philosophy of evidence law
  - Robertson, Vignaux
  - Lucy Dawid,
  - Statistics for Lawyers etc.
- 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**

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