Lawma: The Power of Specialization for Legal Tasks

Ricardo Dominguez-Olmedo^{†,1}, Vedant Nanda², Rediet Abebe^{*,3}, Stefan Bechtold^{*,4}, Christoph Engel^{*,5}, Jens Frankenreiter^{*,6}, Krishna Gummadi^{*,2}, Moritz Hardt^{*,1}, and Michael Livermore^{*,7}

¹Max Planck Institute for Intelligent Systems, Tübingen, and Tübingen AI Center

²Max Planck Institute for Software Systems, Saarbrücken

³Harvard University

⁴ETH Zurich

⁵Max Planck Institute for Research on Collective Goods, Bonn ⁶Washington University in St. Louis - School of Law ⁷University of Virginia School of Law

July 24, 2024

Abstract

Annotation and classification of legal text are central components of empirical legal research. Traditionally, these tasks are often delegated to trained research assistants. Motivated by the advances in language modeling, empirical legal scholars are increasingly turning to prompting commercial models, hoping that it will alleviate the significant cost of human annotation. Despite growing use, our understanding of how to best utilize large language models for legal tasks remains limited. We conduct a comprehensive study of 260 legal text classification tasks, nearly all new to the machine learning community. Starting from GPT-4 as a baseline, we show that it has non-trivial but highly varied zero-shot accuracy, often exhibiting performance that may be insufficient for legal work. We then demonstrate that a lightly fine-tuned Llama 3 model vastly outperforms GPT-4 on almost all tasks, typically by double-digit percentage points. We find that larger models respond better to fine-tuning than smaller models. A few tens to hundreds of examples suffice to achieve high classification accuracy. Notably, we can fine-tune a single model on all 260 tasks simultaneously at a small loss in accuracy relative to having a separate model for each task. Our work points to a viable alternative to the predominant practice of prompting commercial models. For concrete legal tasks with some available labeled data, researchers are better off using a fine-tuned open-source model.

1 Introduction

The legal system generates a staggering volume of complex documents. United States federal courts alone process hundreds of thousands of cases a year, each having substantial case files. Much empirical legal research involves the systematic collection and analysis of such data in order to understand how laws function in practice and what impact they have on society. What limits researchers across the board is the cost of annotating and classifying legal documents. Legal classification tasks vary in complexity, but often require substantial expertise and effort. Employing trained research assistants stretches to a few hundred, perhaps a few thousand documents at a time, but is no match for the sheer scale of legal data.

Motivated by the rapid advances in large language models, law scholars increasingly try out commercial models, such as GPT-4, on a variety of legal tasks, hoping to boost the efficiency of legal research. For lack

[†] Corresponding author. Email: rdo@tuebingen.mpg.de

^{*} Alphabetical order.

[‡] Code, datasets, and fine-tuned models are available at https://github.com/socialfoundations/lawma.

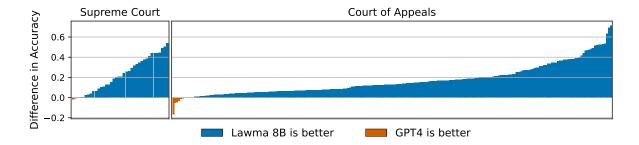


Figure 1: The cost of zero-shot: Difference in accuracy between Lawma 8B and GPT4. Each vertical bar represents the accuracy difference on one task, sorted in ascending order.

of an alternative, researchers access these models in a zero-shot manner*. The underlying assumption is that prompting GPT-4 provides the best solution to the problem that is currently available. In this work, we critically examine this assumption.

1.1 Our contributions

We introduce and study a collection of 260 legal classification tasks, nearly all new to the machine learning community. The tasks we introduce are actual legal classification tasks based on the U.S. Supreme Court (Spaeth et al., 2023) and Court of Appeals (Songer) databases that provide rich annotations for court files. We use these annotations as labels to derive challenging multi-class machine learning tasks. In particular, our suite of tasks significantly extends and strengthens valuable recent efforts to benchmark language models for legal tasks (Guha et al., 2023).

Our primary finding is that fine-tuning a *single* Llama 3 8B Inst (MetaAI, 2024) model on all classification tasks achieves vastly superior performance to GPT-4[†] zero-shot (Figure 1). Although it is expected that fine-tuning helps, the strong superiority of fine-tuning an open source model at much smaller scale is surprising. After all, GPT-4 is orders of magnitude larger according to available information and interpretation. Based on our comprehensive evaluation, we argue that the zero-shot performance of GPT-4 is far from sufficient for actual legal work. In contrast, a fine-tuned model provides a simple and practical alternative with much higher accuracy. In more detail, our primary contributions the following:

- To establish baselines, we perform a zero-shot evaluation of recent state-of-the-art open source models (Figure 3), including Llama 3 8B Inst, Llama 3 70B Inst, Mistral 7B Inst, Saul 7B Inst, and Mixtral 8x7B Inst, and the commercial model GPT-4. Among these, only Llama 3 70B Inst and GPT-4 achieve zero-shot performance significantly better than a constant classifier that outputs the majority class. Still, there are dozens of tasks were both models perform worse than random guessing (Figure 4). Averaged across all tasks, GPT-4 has zero-shot accuracy 62.9% compared with 58.4% for Llama 3 70B. The constant classifier that outputs the majority class for each task achieves 41.7% accuracy, a number determined by class imbalance and the number of classes in each task. GPT-4 and Llama 3 achieve similar performance on the Court of Appeals tasks (63.4% and 60.3%, respectively), whereas GPT-4 has significantly higher accuracy on the Supreme Court tasks (59.8% versus 47.1%). Few-shot prompting GPT-4 does not improve performance. Section 2.3 provides more details.
- Fine-tuning a single Llama 3 8B Instruct model, which we call *Lawma* 8B, outperforms GPT-4 zero-shot an all but a few of tasks. The improvements are typically in the double digit accuracy points, specifically, 22.6 percentage points on average for Supreme Court tasks and 16.5 points on average over Appeals Court tasks. Figure 1 displays the accuracy deficit of zero-shot prompting relative to fine-tuning across

^{*}Fine-tuning GPT-4 is currently unavailable to all API users and requires special access.

 $^{^{\}dagger}$ We evaluate gpt-4-0613, which is what at the time of writting gpt-4 points to in the OpenAI API. The recently released GPT-40 model is currently not available for our region via the Azure OpenAI Service.

all tasks. In absolute terms, Lawma 8B achieves **82.4**% accuracy on Supreme Court tasks and **79.9**% accuracy on Appeals Court tasks.

We additionally fine-tune a single Llama 3 70B Instruct model, which we call Lawma 70B, and obtain further small single digit improvements in performance. Lawma 70B outperforms Lawma 8B on average by 1.7 percentage points for Supreme Court tasks and 1.6 points for Appeals Court tasks.

- We systematically evaluate the effect of finetuning on model performance at different scales. Larger models respond better to fine-tuning than smaller models. Across nine different base models, mean task accuracy increases steadily with pretraining compute as Figure 7 illustrates. However, we observe signs of diminishing returns. For Appeals Court tasks, scaling fine-tuning from Pythia 1B to Llama 3 70B yields an average improvement of only 8.5 accuracy points, despite a 3000x increase in pretraining compute. This suggests that, in the future, major improvements may not come from model scale alone.
- Fine-tuning is data efficient. A few hundred examples typically suffice to achieve high classification accuracy. This is crucial, since labeling a few hundred data points is often financially feasible for many legal scholars (Hall and Wright, 2008), whereas labeling many thousands may not. Figure 8 shows how training accuracy increases with the number of training examples.
- We can simultaneously fine-tune on all 260 tasks. There is not a large loss compared with fine-tuning on a specific task (Figure 9). This is desirable in practice, as it obviates the need to train and maintain a separate model for each task.
- Fine-tuning generalizes to unseen tasks. We show that fine-tuning Llama 3 8B Inst *only* on the Court of Appeals tasks improves its average accuracy on Supreme Court tasks by 18.8 accuracy points (Figure 10).
- We contextualize our accuracy numbers with intercoder agreement rates. Our analysis reveals task heterogeneity in the relationship between model accuracy and intercoder agreement.

Our results speak to the power of specialization for legal classification tasks. They challenge the prevailing narrative about the suitability of the zero-shot paradigm. Fine-tuning provides a simple, practical, and far more accurate solution than zero-shot prompting. These insights suggest that the empirical legal community should invest in an ecosystem of fine-tuned models for relevant classification tasks. From a benchmarking perspective, our tasks provide non-trivial measurements of model performance that may be of independent interest.

1.2 Related work and background

Adoption of large language models in the legal community. The legal community has moved relatively quickly in adopting GPT models. Several startups have begun using incorporating large language models, including GPT, into legal products (Wiggers, 2022). Lexis Nexis, a major commercial provider of law-related services, has partnered with Open AI and Anthropic to offer legal text generation (LexisNexis, 2023). Legal scholars have evaluated GPT's performance on the bar exam (Katz et al., 2024) as well as law school exam (Choi et al., 2023). Choi and Schwarcz (2023) examined how GPT-4 can improve student performance on law school exams. Nay et al. (2024) examined how LLMs perform on answering multiple choice questions related to tax law. Gray et al. (2024) used GPT models to extract information from cases concerning the factors that predict the constitutionality of police stops. Choi (2023) used GPT-4 to extract information concerning interpretative techniques from U.S. Supreme Court decisions. Livermore et al. (2023) tested the performance of GPT models for categorizing cases by issue areas and in recommending citations based on case similarity. Savelka and Ashley (2023) evaluate the zero-shot performance of GPT-4 on a variety of semantic legal annotation tasks. Engel and Mcadams (2024) ask GPT for the ordinary meaning of statutory terms. In the area of corporate law, Frankenreiter and Talley (2024) use GPT-4 to extract information about the contents of corporate charters.

Benchmarks and models for legal tasks. LegalBench (Guha et al., 2023) is a recent multi-task benchmark for natural language understanding in legal domains. As of writing, LegalBench consists of 162 tasks gathered from 40 contributors. LegalBench draws on numerous earlier benchmarking efforts in different legal domains, specifically, inference on contracts (Koreeda and Manning, 2021; Hendrycks et al., 2021), merger agreement understanding (Wang et al., 2023), identifying the legal holding of a case (Zheng et al., 2021), statutory reasoning (Holzenberger and Van Durme, 2021), privacy compliance and policy (Wilson et al., 2016; Zimmeck et al., 2019; Ravichander et al., 2019), and identifying unfair clauses in terms of service (Lippi et al., 2019). We extend and strengthen these valuable efforts to benchmark large language models in legal settings. The 260 tasks we study are complementary to those in LegalBench. We focus on core legal classification tasks based on the U.S. Supreme Court Database (Spaeth et al., 2023) and the U.S. Courts of Appeals database (Songer), relevant to the field empirical legal studies. These databases provide rich information about judicial decisions, panel compositions, judge attributions, and case characteristics, that we use to derive challenging classification tasks. Section 2 continues with this discussion in more detail. We did not evaluate our model on LegalBench, since our model is specialized to the Supreme Court and Appeals Court data.

Legal-BERT (Chalkidis et al., 2020) is a BERT-like transformer model that was pretrained on a few hundred thousand legal documents, including more than 100,000 documents from EU legislation, and more than 150,000 documents from the Case Law Access Project portal. SaulLM (Colombo et al., 2024) is a more recent model trained on a legal corpus of 30 billion tokens. SaulLM is based on the Mistral 7B model (Jiang et al., 2023) that incorporates additional pretraining and instruction fine-tuning specific to legal text. Our work is rather orthogonal, evaluating the strength of specialized models rather than building new general-purpose models.

Data annotation and labeling. Hall and Wright (2008) provide an overview of the use of human annotators in empirical legal studies. Student coders have been deployed to extract a wide variety of features from legal data. Although student researchers are much less expensive than private attorneys, the costs can quickly become prohibitive. Depending on the size of the document and the complexity of the task, research assistants can label roughly dozens of examples per hour. Projects involving the labeling of hundreds of documents are financially feasible for many legal scholars, but projects involving many thousands of documents are largely impractical. In an example of a larger annotation effort, Frankenreiter et al. (2021) employed human coders to annotate several thousands of corporate charters. Using ChatGPT for a similar task, Frankenreiter and Talley (2024) estimated that employing human coders would have been approximately ten times more costly than their approach.

Data annotation and labeling also play a major role in machine learning benchmarks and applications, see, e.g., Aroyo and Welty (2015); Gray and Suri (2019); Hardt and Recht (2022) for background. Dorner and Hardt (2024) give an extended discussion about label quality and annotator disagreement in the context of machine learning benchmarks.

1.3 Limitations

Fine-tuning increases accuracy to about 80% in our evaluation suite compared with around 60% for zero-shot prompting. While we are rather certain that 60% accuracy is insufficient for consequential legal work, we emphasize that 80% is still far from perfect. In addition, the variance in accuracy across tasks, while lower than for zero-shot prompting, remains high. Although our work meets the ethical and technical recommendations by Kapoor et al. (2024) for "developers of legal AI", we maintain caution about the use of large language models for consequential legal tasks. To which extent these models are suitable for use in specific applications requires additional substantive investigation. We add that the legal documents we consider are exclusively from either the U.S. Supreme Court or appellate courts in the United States. We cannot speak to how these results may change for tasks in other legal domains within United States or legal systems in other countries.

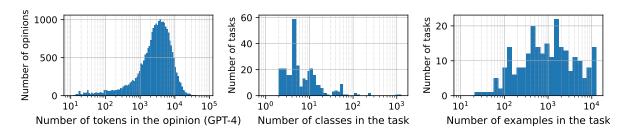


Figure 2: General statistics of the court opinions and legal classification tasks considered.

2 Legal classification tasks

In this work, we focus on legal classification tasks. Legal classification tasks range in complexity, from extremely simple tasks that require little specialized knowledge, to highly sophisticated tasks that involve substantial expertise and judgment. Simple tasks would include identifying the parties to a case or the general issue area—for example, whether a case dealt with family law or commercial contracts. More sophisticated tasks involve specific legal knowledge, familiarity with legal principles or discourse, and the ability to engage in nuanced analogical or conceptual reasoning. For example, labeling the ideological valence of a decision requires the annotator to understand how specific legal issues map onto contemporary political debates, while labeling the standard of review applied by an appellate court requires detailed knowledge of these standards as well as the ability to parse procedural history. Many legal doctrines are quite complicated, involving multipart tests, nuanced exceptions, and balancing inquiries. Extracting features concerning such doctrines can lead to disagreement even among experienced annotators with considerable legal expertise.

More efficient ways to solve legal classification tasks would be tremendously useful in practice. A well functioning system to automatically extract relevant features from legal texts could, in particular, facilitate empirical legal study across a wide range of domains. This research could include not only social scientific study of the causes or consequences of judicial decisions, but also more traditional research modalities based on doctrinal interpretation (Livermore and Rockmore, 2019). There is an almost unlimited variety of features that legal scholars could study, ranging from the factors cited by judges when deciding the outcomes of property law disputes to the relationship between the party affiliation of judges and their use of different interpretative styles. With the digitization of legal texts at the U.S. state level and outside the United States, low-cost and flexible featurization can also boost efforts to show the geographic diffusion of legal concepts or approaches.

To summarize, our reasons to study legal classification tasks are both technical and substantive. From a technical machine learning perspective, these tasks provide highly non-trivial classification problems where even the best models leave much room for improvement. From a substantive legal perspective, efficient solutions to such classification problems have rich and important applications in legal research, as we discussed.

2.1 Data sources

Central to our study are the U.S. Supreme Court Database (Spaeth et al., 2023) (SCDB) and the U.S. Courts of Appeals database (Songer) (USCAD). The SCDB compiles comprehensive information on U.S. Supreme Court decisions from 1946 onward. Developed by Harold Spaeth, it includes variables such as case outcomes, issue areas, legal provisions, and vote counts. The USCAD contains detailed information about decisions made by the U.S. Courts of Appeals from 1925 to 1988. It includes data on judicial decisions, panel compositions, and case characteristics. Both databases provide essential tools for scholars conducting quantitative analyses of the judicial system, decision-making, ideological trends, and the impact of various factors on case outcomes.

The SCDB and USCAD have been instrumental in advancing research on judicial decision making within the fields of political science and empirical legal studies (Epstein et al., 2013; Segal and Spaeth, 2002; Martin and Quinn, 2002). These datasets have been used to drive a substantial research program by allowing

scholars to systematically analyze large numbers of court cases, uncovering patterns, trends, and factors influencing judicial outcomes. By providing detailed information on case characteristics, judge attributes, and decision outcomes, these databases have enabled researchers to test theories of judicial behavior, examine the impact of ideology on court decisions, and explore the dynamics of judicial decision-making at different levels of the court system. The insights gained from research using these databases have had significant implications for legal practitioners, policymakers, and the broader legal community, contributing to a better understanding of how courts operate and how legal outcomes are shaped.

2.2 Construction of classification tasks

[COURT OPINION]

We construct a set of classification tasks using the variables of the Supreme Court and the U.S. Courts of Appeals databases. We construct a total of 260 distinct classification tasks, 38 of them corresponding to the Supreme Court database and 232 to the U.S. Court of Appeals. For each of these classification tasks, we construct a prompt template consisting of a general description of the task, followed by a multiple choice question containing each of the possible variable codes. We formulate the task description, question, and answer choices by closely following the language of the variable description of the databases' documentation. Thereafter, for every case contained in these databases, we use the provided case citations to search for its corresponding majority opinion of the court on the Caselaw Access Project, a database of digitized court opinions.

We divide court opinions into a 70%/10%/20% train/validation/test split. Since many of the classification taks contain heavily imbalanced classes, we subsample the majority class such that there are at most as many task examples in the majority class as task examples in all other classes combined. Therefore, a constant classifier that outputs the majority class label will never achieve more than 50% accuracy on any task. We find that on average over all tasks, the majority classifier has **41.7**% accuracy. We plot some statistics of the tasks in Figure 2. First, court opinions tend to be long, with 12% having above 8,000 tokens, the typical maximum context size for current state-of-the-art models, such as Llama 3. Second, some tasks have a large number of classes, with 28% of tasks having more than 10 classes. Third, there is a large variability in terms of the number of task examples, ranging from a couple dozen to 18500 task examples. In the remainder of the article, we highlight ten different tasks, six from the SCDB and four from the USCAD. These tasks differ in complexity, ranging from relatively simple tasks (e.g., determining the issue area) to relatively complex ones (e.g., determining the ideological "direction" of the court decision). Section 2.4 contains a brief description of these tasks, Section B the full list of all tasks.

Example of the prompt template. We use a prompt template identical to the one for the MMLU benchmark (Hendrycks et al., 2020). We provide as an example the prompt template corresponding to the Supreme Court precedent alteration variable ("sc precedentalteration" in Section B).

```
What follows is an opinion from the Supreme Court of the United States. Your task is to identify whether the opinion effectively says that the decision in this case "overruled" one or more of the Court\'s own precedents. Alteration also extends to language in the majority opinion that states that a precedent of the Supreme Court has been "disapproved," or is "no longer good law". Note, however, that alteration does not apply to cases in which the Court "distinguishes" a precedent.
```

```
Question: Did the the decision of the court overrule one or more of the Court's own precedents?

A. Yes

B. No

Answer:
```

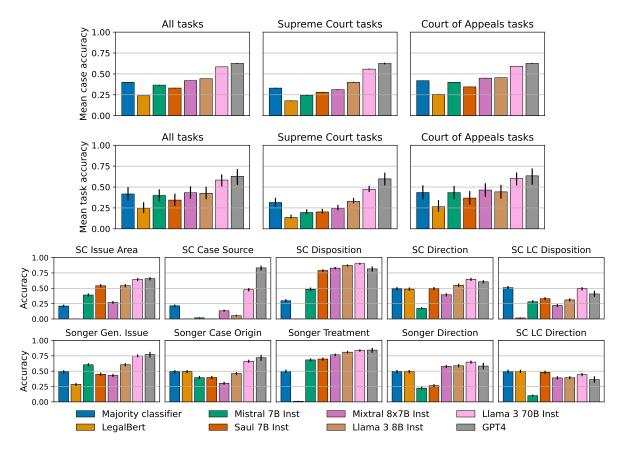


Figure 3: Zero-shot accuracy of models on different legal classification tasks. Top: Mean accuracy over all cases. Middle: Mean task accuracy. Bottom: Accuracy in 10 representative tasks. Error bars indicate 90% Clopper-Pearson exact Binomial confidence intervals.

Due to diverse set of models and very large number of tasks under consideration, we decided to perform no prompt tuning.[‡] Instead, we formulate the task description, question, and answer choices by closely following the language of the variable description of the databases' documentation.

2.3 Zero-shot and few-shot evaluation baselines

To establish baselines, we evaluate the zero-shot performance of different language models on all 260 classification tasks. Figure 3 presents the accuracies achieved in different task categories (all, Supreme Court, Court of Appeals), as well as ten representative tasks. We find that only Llama 3 70B Inst and GPT-4 are consistently better than the constant classifier that outputs the majority class. Figure 4 compares the zero-shot accuracy of GPT-4 and Llama 3 70B across all 260 tasks.

Confidence intervals. There are two natural ways to compute aggregate accuracies across multiple tasks. One is to compute the accuracy across all cases in the task collection. Tasks with fewer cases have lower weight under this average. The other is to compute the accuracy on each task separately and average those

[‡]Multiple choice prompts are popular for language model evaluation because they only requires a single forward pass per example. Since many popular benchmarks are phrased as multiple-choice, recent instruction tuned models tend to do well for them. Note that more involved prompting strategies –e.g., chain-of-thought (Wei et al., 2022) – can yield better task performance but are substantially more expensive. For legal tasks specifically, the choice of prompt can have a significant effect in performance (Li et al., 2024). Prompt tuning requires task-specific domain knowledge and can be reasonably time consuming.

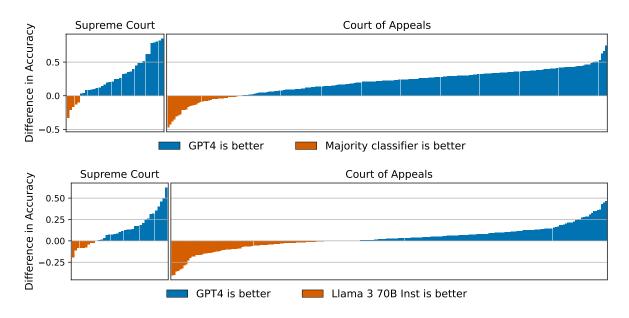


Figure 4: Difference in zero-shot accuracy between GPT4 and Llama 3 70B Instruct. Each vertical bar represents the accuracy difference on one task, sorted in ascending order.

out. Since some tasks have far fewer documents than others (see Figure 2), the latter has higher variance. We indicate this by plotting the average error bars across tasks. Hence, the error bars for mean task accuracy are larger. The error bars for the case average are generally negligible, while several very small tasks have large error bars.

Table 1: Zero-shot and few-shot accuracies for different models

Model	All tasks	Supreme Court	Court of Appeals
LegalBERT	24.58	13.59	26.45
Saul 7B Instruct	34.41	20.23	36.82
Mistral 7B Instruct	39.90	19.52	43.36
Majority class	41.72	31.48	43.45
Llama 3 8B Instruct	42.58	32.80	44.24
Mixtral 8x7B Instruct	43.22	24.37	46.42
Llama 3 70B Instruct	58.37	47.13	60.27
GPT-4	62.89	59.78	63.42
GPT-4 32k 3-shot	58.38	53.99	59.12

Multi-shot prompting. We also evaluated whether multi-shot prompting would lead to improvements. As Figure 2 shows, many documents have thousands of tokens. The default context window for GPT-4 is 8,000 tokens. A version with 32,000 tokens is available at twice the cost. We evaluated the 32*k* version with 3-shot prompting. This, however, did not yield any improvements over zero-shot prompting the standard model. See the last row in Table 1.

2.4 Highlighted tasks

Throughout this paper, as in Figure 3, we provide detailed results for ten tasks. Six of these tasks are from the SCDB, and four are from the USCAD. We selected tasks that we believe are particularly relevant to the legal community and chose tasks with varying levels of complexity, ranging from relatively simple (e.g., determining the issue area) to more complex (e.g., determining the ideological 'direction' of the court decision).

Four tasks from the USCAD and all tasks from the SCDB were selected to form pairs, with each pair consisting of one task from the USCAD and one from the SCDB that capture similar concepts. It is important to note that, despite capturing broadly similar concepts, the precise formulation of the tasks might differ between the USCAD and the SCDB, making them less than perfectly comparable. In addition to the four pairs, we include two tasks from the SCDB that involve determining features of the decision reviewed by the Supreme Court on the basis of the Supreme Court opinion.

The following is a description of the task pairs:

- SC Issue Area / Songer Gen Issue: These tasks capture the case's issue area, requiring a determination
 of whether the case belongs to one of several broadly defined categories, such as criminal cases or First
 Amendment cases. These tasks are expected to be of relatively low complexity.
- SC Case Source / Songer Case Origin: These tasks require identifying the court or adjudication body
 where the case was originally initiated before moving up the judicial hierarchy. Like the previous pair,
 these tasks are expected to be of relatively low complexity.
- SC Disposition / Songer Treatment: These tasks involve determining how the deciding court treated
 the lower court opinion it reviewed, such as whether it affirmed or reversed the opinion. We consider
 these tasks to be of relatively low complexity.
- SC Direction / Songer Direction: These tasks involve determining the ideological 'direction' of the
 decision, specifically whether the decision supports a "conservative" or "liberal" outcome. We consider
 these tasks to be comparably complex.
- SC LC Disposition / SC LC Direction: These tasks involve determining the disposition and ideological 'direction' of the decision reviewed by the Supreme Court. As these tasks require analyzing features of another decision based on the text of the Supreme Court decision, we consider these tasks to be comparably complex.

3 Fine-tuning and the power of specialization

In this section, we present a detailed analysis of fine-tuning on different tasks. We start by fine-tuning Llama 3 8B Inst and Llama 3 70B Inst on all tasks simultaneously, resulting in our Lawma 8B and Lawma 70B models. We then perform additional fine-tuning experiments highlighting different aspects, including the scaling behaviour of fine-tuning larger base models, the sample efficiency of fine-tuning, its generalization to unseen tasks and Courts, and the effect of single task specialization.

We first fine-tune Llama 3 8B Inst and Llama 3 70B Inst on *all tasks* simultaneously. We refer to these fine-tuned models as Lawma 8B and Lawma 70B, respectively. We fine-tune on the 260 classification tasks described in Section 2.2. The fine-tuning dataset contains a total of 1.96B tokens. For Lawma 3 8B, we fine-tune for 3 epochs. For Lawma 3 70B, we fine-tune for 1 epoch. We find that additional epochs hurt performance. See Appendix A for additional details regarding the model training.

We compare in Figure 5 the task accuracies of Lawma 8B and 70B to that of their respective base models Llama 3 8B Inst and Llama 3 70B Inst, as well as GPT-4. Fine-tuning leads to large improvements in average task accuracy: Lawma 8B outperforms Llama 3 8B Inst by **37.7** accuracy points and Lawma 70B outperforms Llama 3 70B by **23.5** accuracy points. Both Lawma 8B and Lawma 70B outperform GPT4, Lawma 8B on average by **17.3** accuracy points and Lawma 70B on average by **19.0** accuracy points.

Moreover, the Lawma models are the top performing models in each of the 10 highlighted tasks. In fact, the both Lawma 8B and Lawma 70B outperforms GPT4 in about 95% of all tasks, see Figure 1. Figure 6

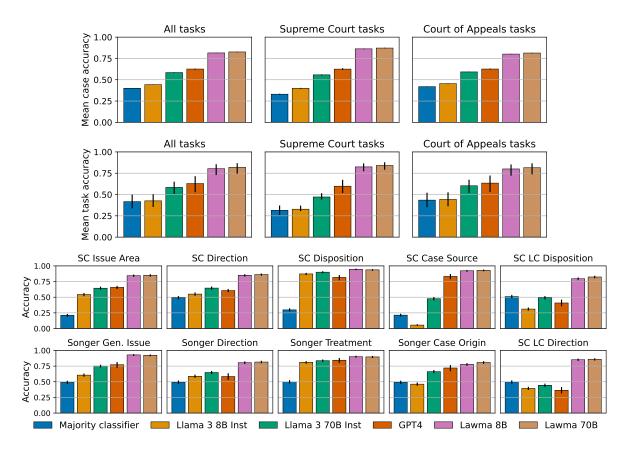


Figure 5: Zero-shot accuracy of four different models in comparison with the accuracy of (fine-tuned) Lawma 8B and 70B on different legal classification tasks. Top: Mean accuracy over all cases. Middle: Mean task accuracy. Bottom: Accuracy in 10 representative tasks. Error bars indicate 90% Clopper-Pearson exact Binomial confidence intervals.

further demonstrates the large effect of fine-tuning by showing the histogram of task accuracies achieved by Lawma 8B and Lawma 70B in comparison with Llama 3 8B Inst, Llama 3 70B Inst, and GPT4.

We find that Lawma 8B closely matches the performance of Lawma 70B. Specifically, Lawma 70B outperforms Lawma 8B in terms of mean case accuracy by only 0.9 accuracy points for Supreme Court tasks and by 1.2 accuracy points for Appeals Court tasks (Figure 5). In terms of mean task accuracy, the difference between Lawma 8B and Lawma 70B is not statistically significant. We find that by training the 8B model on more epochs than the 70B model, it attains a similar loss as the 70B model. Further training either model results in overfitting and thus performance degrades on average. This suggests that, for our fine-tuning dataset, further scaling model size (e.g., fine-tuning GPT4) is unlikely to yield major improvements. A more promising direction is to instead improve the diversity and quantity of the fine-tuning data. On the flip side, practitioners may choose to use Lawma 8B instead of the 70B model with little cost in model performance.

3.1 Performance after fine-tuning scales with pretraining compute

The performance of specialized models tends to scale with pretraining compute (Dominguez-Olmedo et al., 2024). We investigate how performance after fine-tuning scales with the pretraining compute of the base model. We fine-tune the following models for a single epoch: Pythia 70M, Pythia 160M, Pythia 410M, Pythia 1B, Pythia 2.8B, Pythia 6.9B (Biderman et al., 2023), Llama 2 7B (Touvron et al., 2023), Llama 3 8B Inst and Llama 3 70B Inst. We fine-tune on all 260 tasks simultaneously. We approximate pretraining compute in

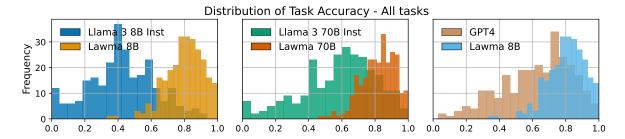


Figure 6: Distribution of task performance across all tasks for Llama 3, GPT4, and Lawma.

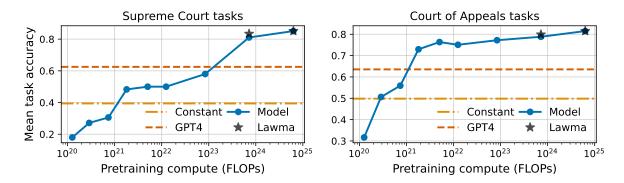


Figure 7: Performance after one epoch of fine-tuning increases monotonically in the amount of pretraining of the base model. Models left to right (blue dots): Pythia 70M, Pythia 160M, Pythia 410M, Pythia 1B, Pythia 2.8B, Pythia 6.9B, Llama 2 7B, Llama 3 8B Inst, Llama 3 70B Inst.

FLOPs as $C \approx 6 \cdot N \cdot D$ (Kaplan et al., 2020), where N is model size and D is the number of pretraining tokens. We find that mean task accuracy after fine-tuning improves with pretraining compute (Figure 7). However, we find signs of diminishing returns. For the Supreme Court tasks, performance increases steadily from 10^{20} to 10^{24} FLOPs, but further scaling to 10^{25} FLOPs only improves performance by an additional 4.0 accuracy points. For Appeals Court tasks, performance sharply increases from 10^{20} to 10^{21} FLOPs (i.e., Pythia 1B – which interestingly already beats GPT-4 zero-shot), but stagnates thereafter, only improving by an additional 8.5 accuracy points when scaling to 10^{25} FLOPs (i.e., Llama 3 70B Inst).

Our findings suggest that major improvements will likely not come from model scale alone. Rather, future work should focus on obtaining better scaling behavior. One promising direction is to improve the quality, quantity and diversity of the fine-tuning data.

3.2 Sample efficiency

We study how task accuracy scales as models fine-tune on more training examples. We consider the 10 tasks highlighted in Section 2.4. We fine-tune Llama 3 8B Instruct on each task independently, rather than on all tasks simultaneously as in the previous experiments. For each task, we fine-tune on 10, 50, 100, 250, 500, and 1000 task examples. We select task examples uniformly at random, and train 5 different models corresponding to different random seeds on the examples selected for training. We therefore fine-tune and evaluate a total of $10 \cdot 6 \cdot 5 = 300$ models. We fine-tune for a maximum of 20 epochs and early stop when validation loss increases for 3 consecutive epochs.

Figure 8 shows how accuracy improves with the number of training examples. Fifty training examples are enough to match or beat the GPT-4 zero-shot baseline for 6 out of the 10 highlighted tasks, and 250 training examples are enough to match or beat GPT-4 for 8 out of the 10 highlighted tasks. This is crucial, since labeling a few hundred data points is often financially feasible for many legal scholars (Hall and Wright,

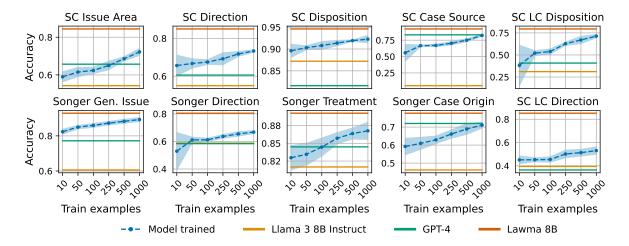


Figure 8: Sample efficiency of fine-tuning Llama 3 8B on a single task. Hundreds of task examples are typically enough to match or beat the zero-shot performance of GPT-4. Dashed blue line indicates the accuracy of Llama 3 8B fine-tuned on a single task as a function of the number of training examples. The shaded area indicates the 95% confidence interval over the randomly sampled training examples (5 random seeds)

2008). With relative few labelled task examples, fine-tuning reasonably small publicly available models can be competitive with state-of-the-art closed models. Moreover, accuracy continues to improve significantly with additional examples. With one thousand training examples, fine-tuning Llama 3 8B Inst matches or beats the GPT-4 baseline for all of the highlighted tasks.

3.3 Specializing for single tasks

We now study how much accuracy we stand to gain by fine-tuning on a *single* task. We specialize models for each of the 10 tasks highlighted in Section 2.4. We specialize the follow models: Llama 3 8B Inst, Llama 3 8B Inst fine-tuned for one epoch on all tasks, and Lawma 8B (i.e., Llama 3 8B Inst fine-tuned for three epochs on all tasks). For each task, we fine-tune for a maximum of 20 epochs and early stop when validation loss increases for 3 consecutive evaluation stpes, each corresponding to one tenth of an epoch.

Figure 9 shows the results of specialization to single tasks. First, we observe that, for 7 out of 10 tasks, Llama 3 8B Inst fine-tuned on all tasks for one epoch (yellow) outperforms Llama 3 8B Inst specialized for a single task (blue). That is, there is value to fine-tuning on our entire dataset rather than overspecializing for a single task. One explanation is that there is substantial cross-task overlap, and fine-tuning on the entire dataset amounts training on many more examples —even if on average these examples are less relevant.

Secondly, we observe that after fine-tuning on *all* 260 tasks for 1 epoch (yellow), further specializing for a single task (green) improves performance on all cases. Importantly, the latter outperforms the specialized Llama 3 8B Inst (blue) in all tasks. That is, a model that is fine-tuned on everything provides a "better" foundation from which to then "overspecializing" for a single task.

Thirdly fine-tuning on everything for three epochs (i.e., Lawma 8B, in red) again improves over the specialized models (i.e., green). Lastly, "overspecializing" Lawma 8B for a single task results in small single digit improvements for 3 out of the 10 tasks. However, we observe no benefits from specializing Lawma 8B for most (7/10) of the tasks. These results show that we don't leave much accuracy on the table by fine-tuning a single model for all tasks. This is practically quite appealing, since it obviates the need to maintain a separate model for each task. A single model suffices.

[§]There is a small decrease in performance for SC Issue Area. This is because early stopping is performed with respect to loss on the validation set, but models are evaluated for accuracy on the test set.

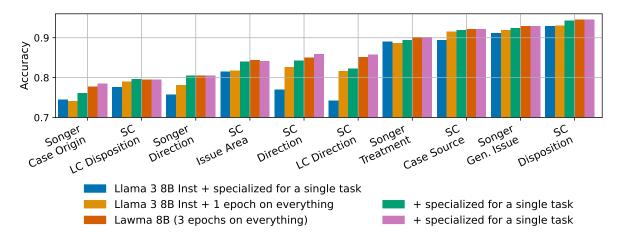


Figure 9: Specializing Lawma 8B to individual tasks can yield small improvements in accuracy.

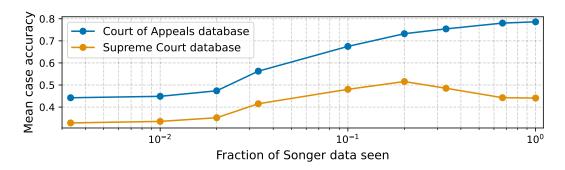


Figure 10: Fine-tuning only on the Court of Appeals database improves accuracy on Supreme Court database.

3.4 Generalization to unseen databases

We now investigate whether fine-tuning only on the Songer Appeals Court database allows us to generalize to the Supreme Court database. We fine-tune Llama 3 8B Inst for one epoch on all Songer tasks simultaneously. We plot in Figure 10 the mean accuracy for Court of Appeals tasks and Supreme Court tasks at intermediate checkpoints. As expected, performance on Court of Appeals tasks improves monotonically with the number of training examples seen. More interestingly, we observe that mean task accuracy for the Supreme Court also improves substantially, by up to 18.8 accuracy points at 20% of the training steps. Thereafter, performance degrades, seemingly plateauing at 11.3 accuracy points above the baseline non-finetuned performance of Llama 3 8B Inst.

Our findings indicate that, since there is some degree of overlap between Court of Appeal and Supreme Court tasks, fine-tuning on the former transfers to the latter. This suggests that Lawma might be of practical use beyond the Supreme Court and Court of Appeals tasks it was trained on.

Note, however, that fine-tuning only on the Court of Appeals database results in a mean case accuracy of 51.6%, compared to 82.4% for Lawma 8B. That is, not fine-tuning on Supreme Court cases results in a 30.9 accuracy points decrease in performance. These results again highlight the importance of fine-tuning precisely on the target tasks of interest.

Note that 20% is the optimal amount of Songer data to train on if the goal is to generalize precisely to Supreme Court cases. If the goal is to generalize to some other dataset, then 20% need not be the optimal amount of Songer data to train on.

3.5 Intercoder agreement analysis

The Songer Appeals Court database provides intercoder agreement rates for a subset of the variables. These intercoder agreement rates provide valuable context for the performance of our model. Specifically, intercoder agreement gives us information about the inherent label noise in the annotation procedure. In particular, the intercoder agreement rate gives a natural upper bound on model performance, as we cannot expect the model to perform well when the label is uncertain or subject to interpretation.

However, we cannot directly compare intercoder agreement rates with the accuracy numbers we report. The reason is that in each task we subsampled the majority class to be no larger than the union of all other classes. This is a design choice we made to account for class imbalance. In this section, we map our model's accuracy to *adjusted* accuracy numbers that undo the subsampling step. This results in accuracy numbers that are commensurate with the intercoder agreement rate.

Name	IC Agreement	Adj accuracy	(unadjusted)	Кеер
WEIGHTEV (songer_weightev)	76	78.7%	(77.2%)	28.72%
PROCEDUR (songer_procedur)	78	75.2 %	(73.9%)	83.08%
ORIGIN (songer_origin)	83.2	80.1%	(77.7%)	53.13%
DIRECT2 (songer_direct2)	85.6	67.5%	(67.5%)	100.00%
DIRECT1 (songer_direct1)	94	80.5%	(80.5%)	100.00%
TREAT (songer_treat)	95.2	91.1%	(90.1%)	71.26%
GENISS (songer_geniss)	97.6	93.2%	(92.9%)	84.77%
CIRCUIT (songer_circuit)	100	93.2%	(93.2%)	100.00%
COMMENT (songer_comment)	100	100.0%	(91.7%)	0.13%

Table 2: Intercoder agreement rates, Lawma accuracies, and fraction of the majority class retained in our sample. Rows are sorted in increasing order of agreement rate.

Table 2 considers several tasks from the Appeals Court database, including the selected ones we highlighted in various figures. Each row corresponds to one task and provides the intercoder agreement rate, adjusted (and unadjusted) accuracy achieved by Lawma 8B, and the fraction of samples we retained in the majority class. A fraction of 100% means that we kept all samples. The smaller the fraction the larger the majority class is relative to the other classes.

The table contains several interesting insights:

- The adjusted accuracy of Lawma 8B is generally within single digit percentage points of the intercoder agreement rate for easy tasks such as general issue classification (GENISS).
- Lawma 8B is surprisingly close on the two tasks with the lowest intercoder reliability, i.e., WEIGHTEV
 and PROCEDUR. This shows that high intercoder reliability is no prerequesite for the model to perform
 well, i.e., close to the agreement rate.
- On harder tasks, like identifying the ideological valence of a decision (DIRECT1 and DIRECT2), Lawma 8B is below the agreement rate by double digit percentage points.
- Tasks with very high agreement rate (e.g., CIRCUIT and COMMENT) are not all alike. Some of them (e.g., COMMENT) correspond to a task with extreme class imbalance. Here, the model reaches the agreement rate. Other tasks (e.g., CIRCUIT) have perfect agreement rate, no class imbalance, and yet Lawma is far from the agreement rate.

These findings speak to the task heterogeneity and the non-trivial nature of the task suite as a classification benchmark.

4 Discussion

The cost of human annotators represents a considerable bottleneck for the field of empirical legal studies. In many scientific disciplines, the advent of low-cost and flexible tools for data extraction can lead to tremendous boosts in scholarly productivity and knowledge production. For example, the falling cost of genetic sequencing led to a paradigm shift across the biological sciences, as genetic data became increasingly available in fields as disparate as public health and entomology (Köser et al., 2012; Ballare et al., 2019). A flexible automated feature extraction tool for legal texts holds similar potential for empirical legal studies, as a large realm of conceivable but impracticably expensive research projects becomes accessible. In addition, such tools would boost the utility of existing legal databases.

The few-shot capabilities of large language models are vital for commercial APIs, where users are largely restricted to prompting. But as we show, zero-shot prompting is neither sufficiently good nor best possible for classification tasks that arise in empirical legal work. Lightly fine-tuned special purpose models achieve significantly higher accuracy from relatively few labeled examples. Labeling a few hundred cases is often financially feasible. This suggests a simple and practical strategy for solving legal classification tasks: Obtain a few hundred labeled examples, fine-tune an open source model, and use the fine-tuned model to annotate the remaining cases.

Multi-shot prompting is unlikely to provide much relief about the limitations of zero-shot prompting. Many legal documents are so long that a single document essentially consumes the entire prompt window. For example, 38% of court opinions in our dataset have more than 4,000 tokens. The default GPT-4 context size is 8,000 tokens. A version of GPT-4 allowing for 32,000 tokens is substantially more expensive. Fine-tuning avoids this problem altogether and robustly handles long documents.

The tasks we introduce are also interesting from a benchmarking perspective. The accuracy numbers are neither too low nor too high. The best models achieve non-trivial, but modest zero-shot performance. And even fine-tuned models don't reach intercoder agreement rates. This situation suggests that these legal classification tasks may be good test cases for future model advances. As such, we hope to extend and strengthen existing evaluation efforts.

Acknowledgments

We would like to thank Nathan Adams, Jonathan Choi, James Grimmelmann, Neel Guha, Gillian Hadfield, Sanmi Koyejo, Katrina Ligett, Julian Nyarko, and Andrea Roth for helpful comments and feedback. R.A. was supported by the Andrew Carnegie Fellowship Program.

References

Lora Aroyo and Chris Welty. Truth is a lie: Crowd truth and the seven myths of human annotation. *AI Magazine*, 36(1):15–24, 2015.

Kimberly M Ballare, Nathaniel S Pope, Antonio R Castilla, Sarah Cusser, Richard P Metz, and Shalene Jha. Utilizing field collected insects for next generation sequencing: Effects of sampling, storage, and dna extraction methods. *Ecology and Evolution*, 9(24):13690–13705, 2019.

Stella Biderman, Hailey Schoelkopf, Quentin Gregory Anthony, Herbie Bradley, Kyle O'Brien, Eric Hallahan, Mohammad Aflah Khan, Shivanshu Purohit, USVSN Sai Prashanth, Edward Raff, et al. Pythia: A suite for analyzing large language models across training and scaling. In *International Conference on Machine Learning*, pages 2397–2430. PMLR, 2023.

Caselaw Access Project. Caselaw access project. URL: https://case.law/.

Ilias Chalkidis, Manos Fergadiotis, Prodromos Malakasiotis, Nikolaos Aletras, and Ion Androutsopoulos. LEGAL-BERT: the muppets straight out of law school. *arXiv preprint arXiv:2010.02559*, 2020.

- Jonathan H Choi. How to use large language models for empirical legal research. *Journal of Institutional and Theoretical Economics (Forthcoming)*, 2023.
- Jonathan H Choi and Daniel Schwarcz. AI assistance in legal analysis: An empirical study. *Available at SSRN* 4539836, 2023.
- Jonathan H Choi, Kristin E Hickman, Amy B Monahan, and Daniel Schwarcz. ChatGPT goes to law school. *J. Legal Educ.*, 71:387, 2023.
- Axolotl AI Cloud. Axolotl, 2024. URL https://github.com/axolotl-ai-cloud/axolotl. Accessed: 2024-07-17.
- Pierre Colombo, Telmo Pessoa Pires, Malik Boudiaf, Dominic Culver, Rui Melo, Caio Corro, Andre FT Martins, Fabrizio Esposito, Vera Lúcia Raposo, Sofia Morgado, et al. Saullm-7b: A pioneering large language model for law. *arXiv preprint arXiv:2403.03883*, 2024.
- Ricardo Dominguez-Olmedo, Florian E Dorner, and Moritz Hardt. Training on the test task confounds evaluation and emergence. *arXiv preprint arXiv:2407.07890*, 2024.
- Florian E Dorner and Moritz Hardt. Don't label twice: Quantity beats quality when comparing binary classifiers on a budget. In *International Conference on Machine Learning*, 2024.
- Christoph Engel and Richard H Mcadams. Asking GPT for the ordinary meaning of statutory terms. *MPI Collective Goods Discussion Paper*, (2024/5), 2024.
- Lee Epstein, William M Landes, and Richard A Posner. *The behavior of federal judges: a theoretical and empirical study of rational choice.* Harvard University Press, 2013.
- Jens Frankenreiter and Eric L Talley. Sticky charters? the surprisingly tepid embrace of officer-protecting waivers in delaware. The Surprisingly Tepid Embrace of Officer-Protecting Waivers in Delaware (March 19, 2024). European Corporate Governance Institute-Law Working Paper, (762), 2024.
- Jens Frankenreiter, Cathy Hwang, Yaron Nili, and Eric Talley. Cleaning corporate governance. *U. Pa. L. Rev.*, 170:1, 2021.
- Mary L Gray and Siddharth Suri. *Ghost work: How to stop Silicon Valley from building a new global underclass*. Eamon Dolan Books, 2019.
- Morgan A Gray, Jaromir Savelka, Wesley M Oliver, and Kevin D Ashley. Empirical legal analysis simplified: reducing complexity through automatic identification and evaluation of legally relevant factors. *Philosophical Transactions of the Royal Society A*, 382(2270):20230155, 2024.
- Neel Guha, Julian Nyarko, Daniel E. Ho, Christopher Ré, Adam Chilton, Aditya Narayana, Alex Chohlas-Wood, Austin Peters, Brandon Waldon, Daniel N. Rockmore, Diego Zambrano, Dmitry Talisman, Enam Hoque, Faiz Surani, Frank Fagan, Galit Sarfaty, Gregory M. Dickinson, Haggai Porat, Jason Hegland, Jessica Wu, Joe Nudell, Joel Niklaus, John Nay, Jonathan H. Choi, Kevin Tobia, Margaret Hagan, Megan Ma, Michael Livermore, Nikon Rasumov-Rahe, Nils Holzenberger, Noam Kolt, Peter Henderson, Sean Rehaag, Sharad Goel, Shang Gao, Spencer Williams, Sunny Gandhi, Tom Zur, Varun Iyer, and Zehua Li. LegalBench: A collaboratively built benchmark for measuring legal reasoning in large language models, 2023.
- Mark A Hall and Ronald F Wright. Systematic content analysis of judicial opinions. Calif. L. Rev., 96:63, 2008.
- Moritz Hardt and Benjamin Recht. *Patterns, predictions, and actions: Foundations of machine learning*. Princeton University Press, 2022.
- Dan Hendrycks, Collin Burns, Steven Basart, Andy Zou, Mantas Mazeika, Dawn Song, and Jacob Steinhardt. Measuring massive multitask language understanding. *arXiv preprint arXiv:2009.03300*, 2020.
- Dan Hendrycks, Collin Burns, Anya Chen, and Spencer Ball. Cuad: An expert-annotated nlp dataset for legal contract review. *arXiv preprint arXiv:2103.06268*, 2021.

- Nils Holzenberger and Benjamin Van Durme. Factoring statutory reasoning as language understanding challenges. *arXiv preprint arXiv:2105.07903*, 2021.
- Albert Q Jiang, Alexandre Sablayrolles, Arthur Mensch, Chris Bamford, Devendra Singh Chaplot, Diego de las Casas, Florian Bressand, Gianna Lengyel, Guillaume Lample, Lucile Saulnier, et al. Mistral 7b. *arXiv* preprint *arXiv*:2310.06825, 2023.
- Jared Kaplan, Sam McCandlish, Tom Henighan, Tom B Brown, Benjamin Chess, Rewon Child, Scott Gray, Alec Radford, Jeffrey Wu, and Dario Amodei. Scaling laws for neural language models. *arXiv* preprint *arXiv*:2001.08361, 2020.
- Sayash Kapoor, Peter Henderson, and Arvind Narayanan. Promises and pitfalls of artificial intelligence for legal applications. *arXiv* preprint arXiv:2402.01656, 2024.
- Daniel Martin Katz, Michael James Bommarito, Shang Gao, and Pablo Arredondo. GPT-4 passes the Bar Exam. *Philosophical Transactions of the Royal Society A*, 382(2270):20230254, 2024.
- Yuta Koreeda and Christopher D Manning. ContractNLI: A dataset for document-level natural language inference for contracts. *arXiv* preprint *arXiv*:2110.01799, 2021.
- Claudio U Köser, Matthew J Ellington, Edward JP Cartwright, Stephen H Gillespie, Nicholas M Brown, Mark Farrington, Matthew TG Holden, Gordon Dougan, Stephen D Bentley, Julian Parkhill, et al. Routine use of microbial whole genome sequencing in diagnostic and public health microbiology. 2012.
- LexisNexis. LexisNexis Launches Lexis+ AI, a Generative AI Solution with Linked Hallucination-Free Legal Citations. News Release, Oct. 25 2023. URL https://www.lexisnexis.com/community/pressroom/b/news/posts/lexisnexis-launches-lexis-ai-a-generative-ai-solution-with-hallucination-free-linked-legal-citations.
- Zehua Li, Julian Nyarko, and Sarath Sanga. The terms of freedom: Black labor contracts in the reconstruction south. 2024.
- Marco Lippi, Przemysław Pałka, Giuseppe Contissa, Francesca Lagioia, Hans-Wolfgang Micklitz, Giovanni Sartor, and Paolo Torroni. CLAUDETTE: an automated detector of potentially unfair clauses in online terms of service. *Artificial Intelligence and Law*, 27:117–139, 2019.
- Michael A. Livermore and Daniel N. Rockmore, editors. *Law as Data: Computation, Text, & the Future of Legal Analysis*. Santa Fe Institute Press, 2019.
- Michael A Livermore, Felix Herron, and Daniel Rockmore. Language model interpretability and empirical legal studies. *Virginia Public Law and Legal Theory Research Paper*, (2023-69), 2023.
- Andrew D Martin and Kevin M Quinn. Dynamic ideal point estimation via markov chain monte carlo for the us supreme court, 1953–1999. *Political analysis*, 10(2):134–153, 2002.
- MetaAI. Llama 3: Advancing open foundation models, 2024. URL https://ai.meta.com/blog/meta-llama-3/.
- John J Nay, David Karamardian, Sarah B Lawsky, Wenting Tao, Meghana Bhat, Raghav Jain, Aaron Travis Lee, Jonathan H Choi, and Jungo Kasai. Large language models as tax attorneys: a case study in legal capabilities emergence. *Philosophical Transactions of the Royal Society A*, 382(2270):20230159, 2024.
- Abhilasha Ravichander, Alan W Black, Shomir Wilson, Thomas Norton, and Norman Sadeh. Question answering for privacy policies: Combining computational and legal perspectives. *arXiv preprint arXiv:1911.00841*, 2019.
- Jaromir Savelka and Kevin D Ashley. The unreasonable effectiveness of large language models in zero-shot semantic annotation of legal texts. *Frontiers in Artificial Intelligence*, 6, 2023.

- Jeffrey A Segal and Harold J Spaeth. *The Supreme Court and the attitudinal model revisited*. Cambridge University Press, 2002.
- Donald R. Songer. U.S. Courts of Appeals databases 1925–1996. URL http://www.songerproject.org/us-courts-of-appeals-databases.html.
- Harold J. Spaeth, Lee Epstein, Andrew D. Martin, Jeffrey A. Segal, Theodore J. Ruger, and Sara C. Benesh. 2023 supreme court database, version 2023 release 01, 2023. URL http://supremecourtdatabase.org.
- Hugo Touvron, Louis Martin, Kevin Stone, Peter Albert, Amjad Almahairi, Yasmine Babaei, Nikolay Bashlykov, Soumya Batra, Prajjwal Bhargava, Shruti Bhosale, et al. Llama 2: Open foundation and fine-tuned chat models. *arXiv preprint arXiv:2307.09288*, 2023.
- Steven H Wang, Antoine Scardigli, Leonard Tang, Wei Chen, Dimitry Levkin, Anya Chen, Spencer Ball, Thomas Woodside, Oliver Zhang, and Dan Hendrycks. MAUD: An expert-annotated legal nlp dataset for merger agreement understanding. *arXiv preprint arXiv:2301.00876*, 2023.
- Jason Wei, Xuezhi Wang, Dale Schuurmans, Maarten Bosma, Fei Xia, Ed Chi, Quoc V Le, Denny Zhou, et al. Chain-of-thought prompting elicits reasoning in large language models. *Advances in neural information processing systems*, 35:24824–24837, 2022.
- Kyle Wiggers. Harvey, which uses AI to answer legal questions, lands cash from OpenAI. *TechCruch*, Nov. 23 2022. URL https://techcrunch.com/2022/11/23/harvey-which-uses-ai-to-answer-legal-questions-lands-cash-from-openai/.
- Shomir Wilson, Florian Schaub, Aswarth Abhilash Dara, Frederick Liu, Sushain Cherivirala, Pedro Giovanni Leon, Mads Schaarup Andersen, Sebastian Zimmeck, Kanthashree Mysore Sathyendra, N Cameron Russell, et al. The creation and analysis of a website privacy policy corpus. In *Proceedings of the 54th Annual Meeting of the Association for Computational Linguistics (Volume 1: Long Papers)*, pages 1330–1340, 2016.
- Lucia Zheng, Neel Guha, Brandon R Anderson, Peter Henderson, and Daniel E Ho. When does pretraining help? assessing self-supervised learning for law and the casehold dataset of 53,000+ legal holdings. In *Proceedings of the eighteenth international conference on artificial intelligence and law*, pages 159–168, 2021.
- Sebastian Zimmeck, Peter Story, Daniel Smullen, Abhilasha Ravichander, Ziqi Wang, Joel R Reidenberg, N Cameron Russell, and Norman Sadeh. Maps: Scaling privacy compliance analysis to a million apps. *Proc. Priv. Enhancing Tech.*, 2019:66, 2019.

A Fine-tuning details

Compute requirements. We fine-tune on a cluster consisting of NVIDIA H100 GPUs. Fine-tuning on all tasks simultaneously required approximately 600 H100 hours for the 8B model and 1600 GPU hours for the 70B model. In total, the experiments presented in the paper required approximately 8000 H100 GPU hours.

A.1 Lawma

We fine-tuning with a maximum sequence length of 8192 tokens. We use the AdamW optimizer with full precision, $\beta_1 = 0.9$, $\beta_2 = 0.95$, $\epsilon = 10^{-8}$. We use a peak learning rate of $2 \cdot 10^{-6}$. We use a cosine learning rate schedule, with 180 warm-up steps (approx. 4% of a full epoch) and decay to 10% of the peak learning rate. We use a weight decay of 0.1. We clip gradient to 1.0 max norm. We pack samples using the axolotl library (Cloud, 2024), which improves training efficiency by approximately 40%. For Lawma 8B, we fine-tune Llama 3 8B Instruct for 3 epochs. We train on a node of 7 H100s using DeepSpeed Zero 2, with a global batch size of 56. For Lawma 70B, we fine-tune Llama 3 70B Instruct for 1 epoch. We train on 8 nodes of 8 H100s each using DeepSpeed Zero 3, with a global batch size of 64. We find that additional epochs hurt average task performance, although performance continues to improve for some of the tasks.

A.2 Additional fine-tuning experiments

The hyperparameters are identical to those used for Lawma unless otherwise specified.

Scaling experiments. We fine-tune the Pythia and Llama 2 models with a peak learning rate of $2 \cdot 10^{-5}$, which we find to be result in higher performance than a peak learning rate of $2 \cdot 10^{-6}$. For the Llama 3 models, we use a learning rate of $2 \cdot 10^{-6}$, which we find to be perform better than $2 \cdot 10^{-5}$. We fine-tune for a single epoch. We use a batch size 64. We fine-tune models with their pretraining max sequence length, that is, 2k tokens for Pythia, 4k tokens for Llama 2, and 8k tokens for Llama 3. We use a warm up ratio of 0.03. Due to the costs associated with training the 70B model, we simply take Lawma 70B rather than re-training the model with these slightly different training hyperparameters.

Sample efficiency and specialization We fine-tune for up to 20 epochs. We evaluate the loss on a separate validation set and early stop if the loss increases for 3 consecutive evaluation steps. For the sample efficiency experiments, we evaluate at the end of every epoch. For the specialization experiments, we evaluate every 0.1 epochs. We decay the learning rate to 10% of the peak learning rate over the 20 epochs. We fine-tune with a batch size of 64. For the specialization experiments, we train models both with and without learning rate warm up, and report the accuracy of the best model. We use the AdamW BitsAndBytes 8-bit optimizer, allowing us to fine-tune the models in a single H100 GPU.

Generalization We fine-tune only on the Songer Court of Appeals tasks. We fine-tune with batch size 64. We fine-tune for one epoch and we checkpoint models at 10, 30, 60, 100, 300, 600, 1000, 2000, and 3000 training steps. A full epoch on the Songer Court of Appeal tasks corresponds to 3096 training steps.

B List of all tasks

Variable	Question	Sample answer choices
sc_adminaction	What is the agency involved in the administrative	Army and Air Force Exchange Service,
	action?	Atomic Energy Commission, Secretary or
		administrative unit or personnel of the U.S.
		Air Force

	T	<u></u>
sc_adminaction_is	Did administrative action occur in the context of the case?	No, Yes
sc_adminactionstate	What is the state of the state agency associated with the administrative action?	Alabama, Alaska, American Samoa
sc_authoritydecision	What is the basis of the Supreme Court's decision?	judicial review (national level), judicial review (state level), Supreme Court supervision of lower federal or state courts or original jurisdiction
sc_casedisposition	What is the disposition of the case, that is, the treatment the Supreme Court accorded the court whose decision it reviewed?	stay, petition, or motion granted, affirmed (includes modified), reversed
sc_caseorigin	What is the court in which the case originated?	U.S. Court of Customs and Patent Appeals, U.S. Court of International Trade, U.S. Court of Claims, Court of Federal Claims
sc_caseoriginstate	What is the state of the court in which the case originated?	Alabama, Alaska, American Samoa
sc_casesource	What is the court whose decision the Supreme Court reviewed?	U.S. Court of Customs and Patent Appeals, U.S. Court of International Trade, U.S. Court of Claims, Court of Federal Claims
sc_casesourcestate	What is the state of the court whose decision the Supreme Court reviewed?	Alabama, Alaska, American Samoa
sc_certreason	What reason, if any, does the court give for granting the petition for certiorari?	case did not arise on cert or cert not granted, federal court conflict, federal court conflict and to resolve important or significant question
sc decisiondirection	What is the ideological direction of the decision?	Conservative, Liberal, Unspecifiable
sc_decisiontype	What type of decision did the court make?	opinion of the court (orally argued), per curiam (no oral argument), decrees
sc_declarationuncon	Did the Court declare unconstitutional an act of Congress; a state or territorial statute, regulation, or constitutional provision; or a municipal or other local ordinance?	No declaration of unconstitutionality, Act of Congress declared unconstitutional, State or territorial law, regulation, or constitutional provision unconstitutional
sc_issue_1	What is the issue of the decision?	subconstitutional fair procedure: fugitive from justice, self-incrimination, immunity from prosecution, cruel and unusual pun- ishment, death penalty (cf. extra legal jury influence, death penalty)
sc_issue_10	What is the issue of the decision?	federal pre-emption of state legislation or regulation. cf. state regulation of business. rarely involves union activity. Does not involve constitutional interpretation unless the Court says it does., federal preemption of state legislation or regulation. cf. state regulation of business. rarely involves union activity. Does not involve constitutional interpretation unless the Court says it does., national supremacy: public utilities (cf. federal public utilities regulation)
sc_issue_11	What is the issue of the decision?	non-real property dispute between states, non-real property dispute between states, boundary dispute between states

sc_issue_12	What is the issue of the decision?	federal taxation, typically under provisions of the Internal Revenue Code, federal tax- ation, typically under provisions of the In- ternal Revenue Code, federal taxation of gifts, personal, business, or professional expenses
sc_issue_2	What is the issue of the decision?	sex discrimination (excluding sex discrimination in employment), Voting Rights Act of 1965, plus amendments, juveniles (cf. rights of illegitimates)
sc_issue_3	What is the issue of the decision?	libel, privacy: true and false light invasions of privacy, parochiaid: government aid to religious schools, or religious requirements in public schools, First Amendment, mis- cellaneous (cf. comity: First Amendment)
sc_issue_4	What is the issue of the decision?	due process: takings clause, or other non-constitutional governmental taking of property, due process: miscellaneous (cf. loyalty oath), the residual code, due process: miscellaneous (cf. loyalty oath), the residual code
sc_issue_5	What is the issue of the decision?	Freedom of Information Act and related federal or state statutes or regulations, abortion: including contraceptives, abortion: including contraceptives
sc_issue_6	What is the issue of the decision?	attorneys' and governmental employees' or officials' fees or compensation or licenses, commercial speech, attorneys (cf. commercial speech), attorneys' and governmental employees' or officials' fees or compensation or licenses
sc_issue_7	What is the issue of the decision?	labor-management disputes: right to organize, union-union member dispute (except as pertains to union or closed shop), labor-management disputes: employee discharge
sc_issue_8	What is the issue of the decision?	natural resources - environmental protection (cf. national supremacy: natural resources, national supremacy: pollution), Employee Retirement Income Security Act (cf. union trust funds), election of remedies: legal remedies available to injured persons or things
sc_issue_9	What is the issue of the decision?	standing to sue: private or implied cause of action, judicial administration: review of non-final order, judicial administration: jurisdiction or authority of federal district courts or territorial courts
sc_issuearea	What is the issue area of the decision?	Criminal Procedure, Civil Rights, First Amendment
sc_jurisdiction	What is the manner in which the Court took jurisdiction?	cert, appeal, bail
sc_lcdisagreement	Does the court opinion mention that one or more of the members of the court whose decision the Supreme Court reviewed dissented?	Yes, No

sc_lcdisposition	What treatment did the court whose decision the	stay, petition, or motion granted, affirmed,
	Supreme Court reviewed accorded the decision	reversed
	of the court it reviewed?	
sc_lcdispositiondirection	What is the ideological direction of the decision	Conservative, Liberal, Unspecifiable
	reviewed by the Supreme Court?	
sc_partywinning	Consider that the petitioning party lost if the	Yes, No
	Supreme Court affirmed or dismissed the case,	
	or denied the petition. Consider that the petition-	
	ing party won in part or in full if the Supreme	
	Court reversed, reversed and remanded, vacated	
	and remanded, affirmed and reversed in part,	
	affirmed and reversed in part and remanded, or	
	vacated the case. Did the petitioning win the	
	case?	
sc_petitioner	Who is the petitioner of the case?	attorney general of the United States, or his
_		office, specified state board or department
		of education, city, town, township, village,
		or borough government or governmental
		unit
sc_petitionerstate	What state is associated with the petitioner?	Alabama, Alaska, American Samoa
sc_precedentalteration	Did the the decision of the court overrule one or	Yes, No
<u>-</u> F	more of the Court's own precedents?	
sc_respondent	Who is the respondent of the case?	attorney general of the United States, or his
se_respondent	who is the respondent of the case.	office, specified state board or department
		of education, city, town, township, village,
		or borough government or governmental
		unit
sc_respondentstate	What state is associated with the respondent?	Alabama, Alaska, American Samoa
sc threejudgefdc	Was the case heard by a three-judge federal dis-	Yes, No
se_uneejuageiae	trict court?	105, 140
songer abusedis	Did the court conclude that it should defer to	No, Yes, Mixed answer
soliger_abuseum	agency discretion? For example, if the action	140, 163, Wixed dilawer
	was committed to agency discretion.	
songer_adminrev	What federal agency's decision was reviewed by	Benefits Review Board, Civil Aeronautics
songer_adminiev	the court of appeals?	Board, Civil Service Commission
	Did the court rule for the government in an is-	
songer_agen_acq		No, Yes, Mixed answer
	sue related to agency acquisition of information (e.g. physical inspections, searches, subpoenas,	
	records, etc)?	
congor ali	Did the court support the decision of an adminis-	No, Yes, Mixed answer
songer_alj		No, res, mixed answer
	trative law judge?	No. Was Missed annual
songer_altdisp	Did the court's ruling on an issue arising out of	No, Yes, Mixed answer
	an alternative dispute resolution process (ADR,	
	settlement conference, role of mediator or arbi-	
	trator, etc.) favor the appellant?	
songer_amicus	Was there any amicus participation before the	no amicus participation on either side, 1
	1 - 1	
	court of appeals?	separate amicus brief was filed, 2 separate
	court of appeals?	separate amicus brief was filed, 2 separate amicus briefs were filed
songer_app_stid	court of appeals? What is the state of the first listed state or local	separate amicus brief was filed, 2 separate
	court of appeals? What is the state of the first listed state or local government agency that is an appellant?	separate amicus brief was filed, 2 separate amicus briefs were filed not, Alabama, Alaska
songer_app_stid songer_appbus	court of appeals? What is the state of the first listed state or local government agency that is an appellant? What is the total number of appellants in the case	separate amicus brief was filed, 2 separate amicus briefs were filed
	court of appeals? What is the state of the first listed state or local government agency that is an appellant?	separate amicus brief was filed, 2 separate amicus briefs were filed not, Alabama, Alaska

songer_appel1_1_2	This question concerns the first listed appellant. The nature of this litigant falls into the category "private business (including criminal enterprises)". What is the scope of this business?	local, neither local nor national, national or multi-national
songer_appel1_1_3	This question concerns the first listed appellant. The nature of this litigant falls into the category "private business (including criminal enterprises)". What category of business best describes the area of activity of this litigant which is involved in this case?	agriculture, mining, construction
songer_appel1_1_4	This question concerns the first listed appellant. The nature of this litigant falls into the category "private business (including criminal enterprises)", specifically "agriculture". What subcategory of business best describes this litigant?	single family farm, commercial farm, agribusiness, farm - other
songer_appel1_2_2	This question concerns the first listed appellant. The nature of this litigant falls into the category "private organization or association". What category of private associations best describes this litigant?	business, trade, professional, or union (BTPU), other
songer_appel1_2_3	This question concerns the first listed appellant. The nature of this litigant falls into the category "private organization or association", specifically "business, trade, professional, or union (BTPU)". What subcategory of private association best describes this litigant?	Business or trade association, utilities co- ops, Professional association - other than law or medicine
songer_appel1_3_2	This question concerns the first listed appellant. The nature of this litigant falls into the category "federal government (including DC)". Which category of federal government agencies and activities best describes this litigant?	cabinet level department, courts or legislative, agency whose first word is "federal"
songer_appel1_3_3	This question concerns the first listed appellant. The nature of this litigant falls into the category "federal government (including DC)", specifically "cabinet level department". Which specific federal government agency best describes this litigant?	Department of Agriculture, Department of Commerce, Department of Defense (includes War Department and Navy Department)
songer_appel1_4_2	This question concerns the first listed appellant. The nature of this litigant falls into the category "sub-state government (e.g., county, local, special district)". Which category of substate government best describes this litigant?	legislative, executive/administrative, bureaucracy providing services
songer_appel1_4_3	This question concerns the first listed appellant. The nature of this litigant falls into the category "sub-state government (e.g., county, local, special district)", specifically "legislative". Which specific substate government agency best describes this litigant?	City/county council, School Board, board of trustees for college or junior college, Other legislative body
songer_appel1_5_2	This question concerns the first listed appellant. The nature of this litigant falls into the category "state government (includes territories & commonwealths)". Which category of state government best describes this litigant?	legislative, executive/administrative, bureaucracy providing services

	T1. 1	T - 1.1.1
songer_appel1_5_3	This question concerns the first listed appellant.	Legislature or separate house as an organi-
	The nature of this litigant falls into the category	zation, Legislative Committee or Commis-
	"state government (includes territories & com-	sion, Other Legislative Unit
	monwealths)", specifically "legislative". Which	
	specific state government agency best describes	
	this litigant?	
songer_appel1_7_2	This question concerns the first listed appellant.	not ascertained, male - indication in opin-
	The nature of this litigant falls into the category	ion (e.g., use of masculine pronoun), male
	"natural person (excludes persons named in their	- assumed because of name
	official capacity or who appear because of a role	
	in a private organization)". What is the gender	
	of this litigant?Use names to classify the party's	
	sex only if there is little ambiguity.	
songer_appel1_7_3	This question concerns the first listed appellant.	not ascertained, caucasian - specific indica-
	The nature of this litigant falls into the category	tion in opinion, black - specific indication
	"natural person (excludes persons named in their	in opinion
	official capacity or who appear because of a role	
	in a private organization)". What is the race or	
	ethnic identity of this litigant as identified in the	
	opinion?	
songer_appel1_7_4	This question concerns the first listed appellant.	not ascertained, US citizen, alien
	The nature of this litigant falls into the category	
	"natural person (excludes persons named in their	
	official capacity or who appear because of a role	
	in a private organization)". What is the citizen-	
	ship of this litigant as indicated in the opinion?	
songer_appel1_7_5	This question concerns the first listed appellant.	not ascertained, poor + wards of state, pre-
	The nature of this litigant falls into the category	sumed poor
	"natural person (excludes persons named in their	
	official capacity or who appear because of a role	
	in a private organization)". Which of these cate-	
	gories best describes the income of the litigant?	
songer_appel1_8_2	This question concerns the first listed appellant.	fiduciary, executor, or trustee, other, nature
	The nature of this litigant falls into the category	of the litigant not ascertained
	"miscellaneous". Which of the following cate-	_
	gories best describes the litigant?	
songer_appel1_8_3	This question concerns the first listed appellant.	trustee in bankruptcy - institution, trustee
	The nature of this litigant falls into the category	in bankruptcy - individual, executor or ad-
	"miscellaneous", specifically "fiduciary, executor,	ministrator of estate - institution
	or trustee". Which of the following specific sub-	
	categories best describes the litigant?	
songer_appel2_1_2	This question concerns the second listed appel-	local, neither local nor national, national
	lant. The nature of this litigant falls into the	or multi-national
	category "private business (including criminal	
	enterprises)". What is the scope of this business?	
songer_appel2_1_3	This question concerns the second listed appel-	agriculture, mining, construction
	lant. The nature of this litigant falls into the	, , , , , , , , , , , , , , , , , , , ,
	category "private business (including criminal	
	enterprises)". What category of business best de-	
	scribes the area of activity of this litigant which	
	is involved in this case?	
	10 III. OITCU III UIIO CUOC.	

10 1 4	m1: .: .1 11:1 1	. 1 6 :1 6 : 16 :
songer_appel2_1_4	This question concerns the second listed appellant. The nature of this litigant falls into the category "private business (including criminal enterprises)", specifically "agriculture". What sub-	single family farm, commercial farm, agribusiness, farm - other
	category of business best describes this litigant?	
songer_appel2_2_2	This question concerns the second listed appellant. The nature of this litigant falls into the category "private organization or association". What category of private associations best describes this litigant?	business, trade, professional, or union (BTPU), other
songer_appel2_2_3	This question concerns the second listed appellant. The nature of this litigant falls into the category "private organization or association", specifically "business, trade, professional, or union (BTPU)". What subcategory of private association best describes this litigant?	Business or trade association, utilities co- ops, Professional association - other than law or medicine
songer_appel2_3_2	This question concerns the second listed appellant. The nature of this litigant falls into the category "federal government (including DC)". Which category of federal government agencies and activities best describes this litigant?	cabinet level department, courts or legislative, agency whose first word is "federal"
songer_appel2_3_3	This question concerns the second listed appellant. The nature of this litigant falls into the category "federal government (including DC)", specifically "cabinet level department". Which specific federal government agency best describes this litigant?	Department of Agriculture, Department of Commerce, Department of Defense (includes War Department and Navy Department)
songer_appel2_4_2	This question concerns the second listed appellant. The nature of this litigant falls into the category "sub-state government (e.g., county, local, special district)". Which category of substate government best describes this litigant?	legislative, executive/administrative, bureaucracy providing services
songer_appel2_4_3	This question concerns the second listed appellant. The nature of this litigant falls into the category "sub-state government (e.g., county, local, special district)", specifically "legislative". Which specific substate government agency best describes this litigant?	City/county council, School Board, board of trustees for college or junior college, Other legislative body
songer_appel2_5_2	This question concerns the second listed appellant. The nature of this litigant falls into the category "state government (includes territories & commonwealths)". Which category of state government best describes this litigant?	legislative, executive/administrative, bureaucracy providing services
songer_appel2_5_3	This question concerns the second listed appellant. The nature of this litigant falls into the category "state government (includes territories & commonwealths)", specifically "legislative". Which specific state government agency best describes this litigant?	Legislature or separate house as an organization, Legislative Committee or Commission, Other Legislative Unit

	This acception are some the according a most	
songer_appel2_7_2	This question concerns the second listed appellant. The nature of this litigant falls into the cat-	not ascertained, male - indication in opinion (e.g., use of masculine pronoun), male
	egory "natural person (excludes persons named	- assumed because of name
	in their official capacity or who appear because	
	of a role in a private organization)". What is the	
	gender of this litigant?Use names to classify the	
10.7.0	party's sex only if there is little ambiguity.	
songer_appel2_7_3	This question concerns the second listed appellant. The nature of this listent falls into the cate	not ascertained, caucasian - specific indica-
	lant. The nature of this litigant falls into the category "natural person (excludes persons named in	tion in opinion, black - specific indication
	their official capacity or who appear because of a	in opinion
	role in a private organization)". What is the race	
	or ethnic identity of this litigant as identified in	
	the opinion?	
songer_appel2_7_4	This question concerns the second listed appel-	not ascertained, US citizen, alien
songer_upper2_/_1	lant. The nature of this litigant falls into the cat-	not abertamed, ob citizen, anen
	egory "natural person (excludes persons named	
	in their official capacity or who appear because	
	of a role in a private organization)". What is	
	the citizenship of this litigant as indicated in the	
	opinion?	
songer_appel2_7_5	This question concerns the second listed appel-	not ascertained, poor + wards of state, pre-
	lant. The nature of this litigant falls into the cat-	sumed poor
	egory "natural person (excludes persons named	
	in their official capacity or who appear because	
	of a role in a private organization)". Which of	
	these categories best describes the income of the	
10.0.0	litigant?	6.1
songer_appel2_8_2	This question concerns the second listed appel-	fiduciary, executor, or trustee, other, nature
	lant. The nature of this litigant falls into the	of the litigant not ascertained
	category "miscellaneous". Which of the following categories best describes the litigant?	
songer_appel2_8_3	This question concerns the second listed appel-	trustee in bankruptcy - institution, trustee
soliger_appeiz_o_s	lant. The nature of this litigant falls into the	in bankruptcy - individual, executor or ad-
	category "miscellaneous", specifically "fiduciary,	ministrator of estate - institution
	executor, or trustee". Which of the following	manustrator or octate motivation
	specific subcategories best describes the litigant?	
songer_appfed	What is the total number of appellants in the	N/A
0 _ 11	case that fall into the category "the federal gov-	
	ernment, its agencies, and officialss"? Answer	
	with a number.	
songer_appfiduc	What is the total number of appellants in the case	N/A
	that fall into the category "fiduciaries"? Answer	
	with a number.	
songer_applfrom	What is the type of district court decision or judg-	Trial (either jury or bench trial), Injunction
	ment appealed from (i.e., the nature of the deci-	or denial of injunction or stay of injunction,
	sion below in the district court)?	Summary judgment or denial of summary judgment
songer_appnatpr	What is the total number of appellants in the	N/A
	case that fall into the category "natural persons"?	
	Answer with a number.	
songer_appnonp	What is the total number of appellants in the case	N/A
	that fall into the category "groups and associa-	
	tions"? Answer with a number.	

what is the total number of appellants in the case that fall into the category "state governments, their agencies, and officials"? Answer with a number. What is the total number of appellants in the case that fall into the category "sub-state governments, their agencies, and officials"? Answer with a number. Songer attyfee Did the court's ruling on attorneys' fees favor the appellant? Songer bank app1 Is the first lister seprondent bankrupt? Yes, No Songer bank, 1 Is the first lister seprondent bankrupt? Yes, No Songer bank, 1 Is the first lister seprondent bankrupt? Yes, No Songer bank, 1 Is the first lister seprondent bankrupt? Yes, No Songer bank, 1 Is the first lister seprondent bankrupt? Yes, No Songer bank, 1 Is the second listed respondent bankrupt? Yes, No Songer capric Did the court's sue or interpretation of the arbitrary and capricious standard support the government? Note that APA allows courts to overturn agency actions deemed to be arbitrary or capricious, an abuse of discretion, or otherwise not in accordance with law. Overton Park emphasized this is a narrow standard, and one must prove that agency's action is without a rational basis. This also includes the "substantial justification" doctrine. Songer_casetyp1_1-3-2 What is the specific issue in the case within the general category of "issue"? Songer_casetyp1_2-3-1 What is the specific issue in the case within the general category of "issue"? Songer_casetyp1_2-3-2 What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issu		TATE	37/4
their agencies, and officials? Answer with a number. Songer_appsubst	songer_appstate	What is the total number of appellants in the case	N/A
songer_appsubst Mak is the total number of appellants in the case that fall into the category "sub-state governments, their agencies, and officials?" Answer with a number. Songer_bank_appl Did the court's ruling on attorneys' fees favor the appellant hankrupt? Yes, No Songer_bank_appl Si the first listed appellant bankrupt? Yes, No Songer_bank_appl Si the second listed appellant bankrupt? Yes, No Songer_bank_appl Si the second listed appellant bankrupt? Yes, No Songer_bank_r1 Si the first listed respondent bankrupt? Yes, No Songer_bank_r2 Si the second listed respondent bankrupt? Yes, No Songer_capric Did the court's such appellant bankrupt? Yes, No Songer_capric Did the court's such appellant bankrupt? Yes, No Songer_capric Did the court's such appellant bankrupt? Yes, No Songer_capric Did the court's such appellant bankrupt? Yes, No Songer_cappl_1-2 Si the second listed respondent bankrupt? Yes, No Songer_casetyp1_1-2 What is the specific issue in the case within the general category of "issue"? Songer_casetyp1_1-3-1 What is the specific issue in the case within the general category of "issue"? Songer_casetyp1_2-3-3 What is the specific issue in the case within the general category of "issue"? Songer_casetyp1_2-3-1 What is the specific issue in the case within the general category of "issue"? Songer_casetyp1_2-3-2 What is the specific issue in the case within the general category of "issue"? Songer_casetyp1_2-3-3 What is the specific issue in the case within the general category of "issue"? Songer_casetyp1_2-3-3 What is the specific issue in the case within the general category of "issue"? Songer_casetyp1_2-3-3 What is the specific issue in the case within the general category of "issue"? Songer_casetyp1_2-3-3 What is the specific issue in the case within the general category of "issue"? Songer_casetyp1_3-3-2 What is the specific issue in the case within the general category of "issue			
What is the total number of appellants in the case that fall into the category "sub-stare governments, their agencies, and officials" Answer with a number.			
that fall into the category "sub-state governments, their agencies, and officials"? Answer with a number. songer_bank_app1 songer_bank_app1 Is the first listed appellant bankrupt? songer_bank_app2 Is the second listed appellant bankrupt? songer_bank_app2 Is the second listed appellant bankrupt? songer_bank_app2 Is the second listed respondent bankrupt? songer_bank_app2 Is the second listed respondent bankrupt? songer_capic Is the first listed appellant bankrupt? Songer_capic Is the first listed appellant bankrupt? Songer_capic Is the second listed respondent bankrupt? Songer_capic Is the first listed appellant bankrupt? Songer_capic Is the first listed appellant bankrupt? Songer_capic Is the second listed respondent bankrupt? Songer_capic What is the specific issue in the capic Songer_capic What is the specific issue in the capic Songer_capic What is the specific issue in the capic Songer_capic What is the specific issue in the capic Songer_capic What is the specific issue in the capic Songer_capic What is the specific issue in the capic Songer_capic What is the specific issue in the capic Songer_capic What is the specific issue in the capic Songer_capic What is the specific issue in the capic Songer_capic What is the specific issue in the capic Songer_capic What is the specific issue in the capic Songer_capic What is the specific issue in the capic Songer_capic What is the specific issue in the capic Songer_capic What is the specific issue in the capic Songer_capic What is the specific issue in the capic Songer_capic What is the specific issue in the capic Songer_			NI / A
their agencies, and officials? Answer with a number. Songer_tattyfee Songer_bank_app1 Songer_bank_app2 Is the first listed appellant bankrupt? Songer_bank_app2 Is the first listed respondent bankrupt? Songer_bank_app2 Is the second listed appellant bankrupt? Songer bank_app2 Is the second listed appellant bankrupt? Songer bank_app2 Is the second listed appellant bankrupt? Songer bank_app2 Is the second listed respondent bankrupt? Songer bank_app2 Is the second listed respondent bankrupt? Songer capric Did the courts's use or interpretation of the arbitrary or capricious, an abuse of discretion, or otherwise not in accordance with law. Overton Park emphasized this is a narrow standard, and one must prove that agency's action is without a rational basis. This also includes the "substantial justification" doctrine. Songer_casetyp1_1-3-1 What is the specific issue in the case within the general category of "issue"? Songer_casetyp1_1-3-2 What is the specific issue in the case within the general category of "issue"? Songer_casetyp1_2-3-1 What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? Songer_casetyp1_2-3-1 What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "	songer_appsubst		N/A
songer_tattyfee Did the court's ruling on attorneys' fees favor the appellanr? Songer_bank_app1 Is the first listed appellant bankrupt? Yes, No Songer_bank_app2 Is the first listed appellant bankrupt? Yes, No Songer_bank_app2 Is the first listed appellant bankrupt? Yes, No Songer_bank_app2 Is the second listed appellant bankrupt? Yes, No Songer_bank_app2 Is the second listed appellant bankrupt? Yes, No Yes, N			
songer_bank_app1 Sind the court's ruling on attorneys' fees favor the appellant? songer_bank_app1 Sind the first listed appellant bankrupt? Yes, No songer_bank_app2 Sind the first listed respondent bankrupt? Yes, No songer_bank_r12 Sind first listed respondent bankrupt? Yes, No songer_capric Did the courts's use or interpretation of the arbitrary and capricious standard support the government? Note that APA allows courts to overturn agency actions deemed to be arbitrary or capricious, an abuse of discretion, or otherwise not in accordance with law. Overton Park emphasized this is a narrow standard, and one must prove that agency's action is without a rational basis. This also includes the "substantial justification" doctrine. songer_casetyp1_1-3-1 What is the specific issue in the case within the general category of "issue"? songer_casetyp1_1-3-2 What is the specific issue in the case within the general category of "issue"? songer_casetyp1_2-3-3 What is the specific issue in the case within the general category of "issue"? songer_casetyp1_2-3-3 What is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category		_	
songer_bank_app1			37 77 36 1
Songer_bank_app1 Is the first listed appellant bankrupt? Yes, No	songer_attylee		No, Yes, Mixed answer
Songer_Dank_app2 Is the second listed appellant bankrupt? Yes, No	1 1 1	_ = =	17 17
songer_bank_r1 Is the first listed respondent bankrupt? Yes, No songer_bank_r2 Is the second listed respondent bankrupt? Yes, No songer_capric Did the courts's use or interpretation of the arbitrary and capricious standard support the government? Note that APA allows courts to overturn agency actions deemed to be arbitrary or capricious, an abuse of discretion, or otherwise not in accordance with law. Overton Park emphasized this is a narrow standard, and one must prove that agency's action is without a rational basis. This also includes the "substantial justification" doctrine. federal offense, state offense, not determined whether state or federal offense mined whether state or federal offense state of state state of federal offense state of federal o			
songer_capric Songer_capric Did the courts's use or interpretation of the arbitrary and capricious standard support the government? Note that APA allows courts to overturn agency actions deemed to be arbitrary or capricious, an abuse of discretion, or otherwise not in accordance with law. Overton Park emphasized this is a narrow standard, and one must prove that agency's action is without a rational basis. This also includes the "substantial justification" doctrine. Songer_casetyp1_1-2-2 Songer_casetyp1_1-3-1 What is the specific issue in the case within the general category of "issue"? Songer_casetyp1_1-3-2 What is the specific issue in the case within the general category of "issue"? Songer_casetyp1_2-3-1 What is the specific issue in the case within the general category of "issue"? Songer_casetyp1_2-3-1 What is the specific issue in the case within the general category of "issue"? Songer_casetyp1_2-3-1 What is the specific issue in the case within the general category of "issue"? Songer_casetyp1_2-3-1 What is the specific issue in the case within the general category of "issue"? Songer_casetyp1_2-3-1 What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? Songer_casetyp1_2-3-1 What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"?			
songer_capric Did the courts's use or interpretation of the arbitrary and capricious standard support the government? Note that APA allows courts to overturn agency actions deemed to be arbitrary or capricious, an abuse of discretion, or otherwise not in accordance with law. Overton Park emphasized this is a narrow standard, and one must prove that agency's action is without a rational basis. This also includes the "substantial justification" doctrine. Songer_casetyp1_1-3-1 Songer_casetyp1_1-3-1 What is the specific issue in the case within the general category of "issue"? Songer_casetyp1_1-3-2 What is the specific issue in the case within the general category of "issue"? Songer_casetyp1_2-3-1 What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the gener		1	
trary and capricious standard support the government? Note that APA allows courts to overturn agency actions deemed to be arbitrary or capricious, an abuse of discretion, or otherwise not in accordance with law. Overton Park emphasized this is a narrow standard, and one must prove that agency's action is without a rational basis. This also includes the "substantial justification" doctrine. songer_casetyp1_1-2- what is the specific issue in the case within the general category of "issue"? songer_casetyp1_1-3-2			-
ment? Note that APA allows courts to overturn agency actions deemed to be arbitrary or capricious, an abuse of discretion, or otherwise not in accordance with law. Overton Park emphasized this is a narrow standard, and one must prove that agency's action is without a rational basis. This also includes the "substantial justification" doctrine. songer_casetyp1_1-2-2	songer_capric		No, Yes, Mixed answer
agency actions deemed to be arbitrary or capricious, an abuse of discretion, or otherwise not in accordance with law. Overton Park emphasized this is a narrow standard, and one must prove that agency's action is without a rational basis. This also includes the "substantial justification" doctrine. songer_casetyp1_1-2 What is the specific issue in the case within the general category of "issue"? songer_casetyp1_1-3-1 What is the specific issue in the case within the general category of "issue"? songer_casetyp1_1-3-2 What is the specific issue in the case within the general category of "issue"? songer_casetyp1_2-2 What is the specific issue in the case within the general category of "issue"? songer_casetyp1_2-3-1 What is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case w			
cious, an abuse of discretion, or otherwise not in accordance with law. Overton Park emphasized this is a narrow standard, and one must prove that agency's action is without a rational basis. This also includes the "substantial justification" doctrine. songer_casetyp1_1-2			
accordance with law. Overton Park emphasized this is a narrow standard, and one must prove that agency's action is without a rational basis. This also includes the "substantial justification" doctrine. songer_casetyp1_1-2 What is the specific issue in the case within the general category of "issue"? songer_casetyp1_1-3-1 What is the specific issue in the case within the general category of "issue"? songer_casetyp1_1-3-2 What is the specific issue in the case within the general category of "issue"? songer_casetyp1_2-3-2 What is the specific issue in the case within the general category of "issue"? songer_casetyp1_2-2 What is the specific issue in the case within the general category of "issue"? songer_casetyp1_2-3-1 What is the specific issue in the case within the general category of "issue"? songer_casetyp1_2-3-1 What is the specific issue in the case within the general category of "issue"? songer_casetyp1_2-3-2 What is the specific issue in the case within the general category of "issue"? songer_casetyp1_2-3-3 What is the specific issue in the case within the general category of "issue"? songer_casetyp1_2-3-3 What is the specific issue in the case within the general category of "issue"? songer_casetyp1_3-3-1 What is the specific issue in the case within the general category of "issue"? songer_casetyp1_3-3-1 What is the specific issue in the case within the general category of "issue"? songer_casetyp1_3-3-1 What is the specific issue in the case within the general category of "issue"? songer_casetyp1_3-3-1 What is the specific issue in the case within the general category of "issue"? songer_casetyp1_3-3-1 What is the specific issue in the case within the general category of "issue"? songer_casetyp1_3-3-1 What is the specific issue in the case within the general category of "issue"? songer_casetyp1_3-3-2 What is the specific issue in the case within the general category of "issue"? songer_casetyp1_3-3-2 What is the specific issue in the case within the general category of "issue"?			
this is a narrow standard, and one must prove that agency's action is without a rational basis. This also includes the "substantial justification" doctrine. songer_casetyp1_1-2 songer_casetyp1_1-3-1 what is the specific issue in the case within the general category of "issue"? songer_casetyp1_1-3-2 songer_casetyp1_1-3-3 what is the specific issue in the case within the general category of "issue"? songer_casetyp1_1-3-3 what is the specific issue in the case within the general category of "issue"? songer_casetyp1_2-2 what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "iss			
that agency's action is without a rational basis. This also includes the "substantial justification" doctrine. songer_casetyp1_1-2 what is the specific issue in the case within the general category of "issue"? songer_casetyp1_1-3-1 what is the specific issue in the case within the general category of "issue"? songer_casetyp1_1-3-2 what is the specific issue in the case within the general category of "issue"? songer_casetyp1_2-3-3 what is the specific issue in the case within the general category of "issue"? songer_casetyp1_2-2 what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general categ			
Songer_casetyp1_1-3-1 What is the specific issue in the case within the general category of "issue"? Songer_casetyp1_1-3-2 What is the specific issue in the case within the general category of "issue"? Songer_casetyp1_1-3-3 What is the specific issue in the case within the general category of "issue"? Songer_casetyp1_1-3-3 What is the specific issue in the case within the general category of "issue"? Songer_casetyp1_2-2 What is the specific issue in the case within the general category of "issue"? Songer_casetyp1_2-2 What is the specific issue in the case within the general category of "issue"? Songer_casetyp1_2-3-1 What is the specific issue in the case within the general category of "issue"? Songer_casetyp1_2-3-1 What is the specific issue in the case within the general category of "issue"? Songer_casetyp1_2-3-2 What is the specific issue in the case within the general category of "issue"? Songer_casetyp1_2-3-3 What is the specific issue in the case within the general category of "issue"? Songer_casetyp1_2-3-3 What is the specific issue in the case within the general category of "issue"? Songer_casetyp1_3-3-1 What is the specific issue in the case within the general category of "issue"? Songer_casetyp1_3-3-1 What is the specific issue in the case within the general category of "issue"? Songer_casetyp1_3-3-1 What is the specific issue in the case within the general category of "issue"? Songer_casetyp1_3-3-1 What is the specific issue in the case within the general category of "issue"? Songer_casetyp1_3-3-1 What is the specific issue in the case within the general category of "issue"? Songer_casetyp1_3-3-1 What is the specific issue in the case within the general category of "issue"? Songer_casetyp1_3-3-1 What is the specific issue in the case within the general category of "issue"? Songer_casetyp1_3-3-1 What is the specific issue in the case within the general category of "issue"? Songer_casetyp1_3-3-1 What is the specific issue in the case within the general category of "issue"? Songer_cas			
songer_casetyp1_1-3-2 What is the specific issue in the case within the general category of "issue"? songer_casetyp1_1-3-1 What is the specific issue in the case within the general category of "issue"? songer_casetyp1_1-3-2 What is the specific issue in the case within the general category of "issue"? songer_casetyp1_1-3-3 What is the specific issue in the case within the general category of "issue"? songer_casetyp1_2-2 What is the specific issue in the case within the general category of "issue"? songer_casetyp1_2-3-1 What is the specific issue in the case within the general category of "issue"? songer_casetyp1_2-3-1 What is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the gene			
songer_casetyp1_1-3-1 What is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific iss		<u> </u>	
songer_casetyp1_1-3-1 What is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"?			
songer_casetyp1_1-3-1 What is the specific issue in the case within the general category of "issue"? songer_casetyp1_1-3-2 What is the specific issue in the case within the general category of "issue"? songer_casetyp1_1-3-3 What is the specific issue in the case within the general category of "issue"? songer_casetyp1_2-2 What is the specific issue in the case within the general category of "issue"? songer_casetyp1_2-3-1 What is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"?	songer_casetyp1_1-2		
songer_casetyp1_1-3-2 What is the specific issue in the case within the general category of "issue"? Songer_casetyp1_2-2-2 What is the specific issue in the case within the general category of "issue"? Songer_casetyp1_2-3-1 What is the specific issue in the case within the general category of "issue"? Songer_casetyp1_2-3-1 What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"?			
songer_casetyp1_1-3-2 What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"?	songer_casetyp1_1-3-1	_	murder, rape, arson
songer_casetyp1_1-3-3 songer_casetyp1_2-2 Songer_casetyp1_2-2 What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"?			
songer_casetyp1_1-3-3 What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"?	songer_casetyp1_1-3-2		murder, rape, arson
songer_casetyp1_2-2-1 What is the specific issue in the case within the general category of "issue"? Songer_casetyp1_2-3-1 What is the specific issue in the case within the general category of "issue"? Songer_casetyp1_2-3-2 What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"?			
songer_casetyp1_2-3-1 What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"?	songer_casetyp1_1-3-3		murder, rape, arson
general category of "issue"? songer_casetyp1_2-3-1 songer_casetyp1_2-3-2 What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? Songer_casetyp1_3-3-2 What is the specific issue in the case within the general category of "issue"? Songer_casetyp1_3-3-2 What is the specific issue in the case within the general category of "issue"? Songer_casetyp1_3-3-2 What is the specific issue in the case within the general category of "issue"?			
crimination, sex discrimination, other civil rights songer_casetyp1_2-3-1 what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the political process; access to ballot, voting rights - other (includes race discrimination in voting) songer_casetyp1_2-3-3 what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"?	songer_casetyp1_2-2		
songer_casetyp1_2-3-1 Songer_casetyp1_2-3-2 What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"?		general category of "issue"?	
songer_casetyp1_2-3-1 songer_casetyp1_2-3-2 songer_casetyp1_2-3-2 songer_casetyp1_2-3-2 songer_casetyp1_2-3-3 songer_casetyp1_2-3-3 songer_casetyp1_2-3-3 songer_casetyp1_2-3-3 songer_casetyp1_2-3-3 songer_casetyp1_2-3-3 songer_casetyp1_2-3-3 songer_casetyp1_2-3-3 songer_casetyp1_3-3-1 songer_casetyp1_3-3-1 songer_casetyp1_3-3-1 songer_casetyp1_3-3-2			
general category of "issue"? Songer_casetyp1_2-3-2 Songer_casetyp1_2-3-2 Songer_casetyp1_2-3-3 Songer_casetyp1_2-3-3 Songer_casetyp1_2-3-3 Songer_casetyp1_2-3-3 Songer_casetyp1_2-3-3 Songer_casetyp1_2-3-3 Songer_casetyp1_3-3-1 Songer_casetyp1_3-3-1 Songer_casetyp1_3-3-1 Songer_casetyp1_3-3-3 Songer_casetyp1_3-3-1 Songer_casetyp1_3-3-3 Songer_casetyp	1.001	717	
songer_casetyp1_2-3-2 What is the specific issue in the case within the general category of "issue"? songer_casetyp1_2-3-3 What is the specific issue in the case within the general category of "issue"? songer_casetyp1_2-3-3 What is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"?	songer_casetyp1_2-3-1		
Songer_casetyp1_2-3-2 What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"?		general category of "issue"?	I =
general category of "issue"? ing, participation rights - rights of candidates or groups to fully participate in the political process; access to ballot, voting rights - other (includes race discrimination in voting) songer_casetyp1_2-3-3 What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"?	1.000	TATE	
dates or groups to fully participate in the political process; access to ballot, voting rights - other (includes race discrimination in voting) songer_casetyp1_2-3-3 What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"?	songer_casetyp1_2-3-2		
political process; access to ballot, voting rights - other (includes race discrimination in voting) songer_casetyp1_2-3-3 What is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? songer_casetyp1_3-3-1 what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"?		general category of "issue"?	
rights - other (includes race discrimination in voting) songer_casetyp1_2-3-3 What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"?			
songer_casetyp1_2-3-3 Songer_casetyp1_3-2 Songer_casetyp1_3-3-1 Songer_casetyp1_3-3-1 Songer_casetyp1_3-3-1 Songer_casetyp1_3-3-1 Songer_casetyp1_3-3-2 So			
songer_casetyp1_2-3-3 What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? Songer_casetyp1_3-3-1 What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"?			
general category of "issue"? tempts at deportation), indian rights and law, juveniles songer_casetyp1_3-2 What is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"?	1 0 0 0	TATE of the amount is the second of the seco	
songer_casetyp1_3-2 What is the specific issue in the case within the general category of "issue"? commercial, speech and other expression songer_casetyp1_3-3-1 What is the specific issue in the case within the general category of "issue"? commercial speech, libel, slander, defamation, free exercise of religion songer_casetyp1_3-3-2 What is the specific issue in the case within the general category of "issue"? obscenity, association, federal internal security and communist control acts, loyalty	songer_casetyp1_2-3-3	1	
songer_casetyp1_3-2 What is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"? what is the specific issue in the case within the general category of "issue"?		general category of "issue"?	
general category of "issue"? songer_casetyp1_3-3-1 What is the specific issue in the case within the general category of "issue"? songer_casetyp1_3-3-2 What is the specific issue in the case within the general category of "issue"? What is the specific issue in the case within the general category of "issue"? curity and communist control acts, loyalty	100	7471	
songer_casetyp1_3-3-1 What is the specific issue in the case within the general category of "issue"? commercial speech, libel, slander, defamation, free exercise of religion songer_casetyp1_3-3-2 What is the specific issue in the case within the general category of "issue"? obscenity, association, federal internal security and communist control acts, loyalty	songer_casetyp1_3-2		
general category of "issue"? tion, free exercise of religion songer_casetyp1_3-3-2 What is the specific issue in the case within the general category of "issue"? obscenity, association, federal internal security and communist control acts, loyalty			
songer_casetyp1_3-3-2 What is the specific issue in the case within the general category of "issue"? obscenity, association, federal internal security and communist control acts, loyalty	songer_casetyp1_3-3-1	<u>-</u>	
general category of "issue"? curity and communist control acts, loyalty			
	songer_casetyp1_3-3-2		
oaths, security risks		general category of "issue"?	
James, Journey 22010			oaths, security risks

songer_casetyp1_4-3	What is the specific issue in the case within the general category of "issue"?	denial of fair hearing or notice - government employees (includes claims of terminated government workers), denial of hearing or notice in non-employment context, taking clause (i.e., denial of due process under the "taking" clause of the 5th or 14th Amendments)
songer_casetyp1_5-3	What is the specific issue in the case within the general category of "issue"?	abortion rights, homosexual rights where privacy claim raised, contraception and other privacy claims related to marital relations or sexual behavior (not in 501 or 502)
songer_casetyp1_6-3	What is the specific issue in the case within the general category of "issue"?	union organizing, unfair labor practices, Fair Labor Standards Act issues
songer_casetyp1_7-2	What is the specific issue in the case within the general category of "issue"?	taxes, patents, copyright, torts, commercial disputes
songer_casetyp1_7-3-1	What is the specific issue in the case within the general category of "issue"?	state or local tax, federal taxation - individual income tax (includes taxes of individuals, fiduciaries, & estates), federal tax - business income tax (includes corporate and parnership)
songer_casetyp1_7-3-2	What is the specific issue in the case within the general category of "issue"?	motor vehicle, airplane, product liability
songer_casetyp1_7-3-3	What is the specific issue in the case within the general category of "issue"?	contract disputes-general (private parties) (includes breach of contract, disputes over meaning of contracts, suits for specific performance, disputes over whether contract fulfilled, claims that money owed on contract) (Note: this category is not used when the dispute fits one of the more specific categories below), disputes over government contracts, insurance disputes
songer_casetyp1_7-3-4	What is the specific issue in the case within the general category of "issue"?	bankruptcy - private individual (e.g., chapter 7), bankruptcy - business reorganization (e.g., chapter 11), other bankruptcy
songer_casetyp1_7-3-5	What is the specific issue in the case within the general category of "issue"?	social security benefits (including SS disability payments), other government benefit programs (e.g., welfare, RR retirement, veterans benefits, war risk insurance, food stamps), state or local economic regulation
songer_casetyp1_7-3-6	What is the specific issue in the case within the general category of "issue"?	disputes over real property (private), eminent domain and disputes with government over real property, landlord - tenant disputes
songer_casetyp1_9-3	What is the specific issue in the case within the general category of "issue"?	miscellaneous interstate conflict, other federalism issue (only code as issue if opinion explicitly discusses federalism as an important issue - or if opinion explicitly discusses conflict of state power vs federal power), attorneys (disbarment; etc)
songer_casetyp2_geniss	What is the second general issue in the case, other than mainissue?	criminal, civil rights, First Amendment
songer_circuit	What is the circuit of the court that decided the case?	First Circuit, Second Circuit, Third Circuit

		I 1:
songer_civproc1	What is the most frequently cited federal rule	N/A
	of civil procedure in the headnotes to this case?	
	Answer with a number.	
songer_civproc2	What is the second most frequently cited federal	N/A
_	rule of civil procedure in the headnotes to this	
	case? Answer with a number.	
songer_classact	Is the case described in the opinion as a class	No, Yes
8	action suit?	
congor commont	Did the agency give proper opportunity to com-	No, Yes, Mixed answer
songer_comment		No, les, whited allswer
	ment?	
songer_concur	What is the number of judges who concurred in	0, 1, 2
	the result but not in the opinion of the court?	
songer_confess	Did the court conclude that a confession or an in-	No, Yes, Yes, but error was harmless
	criminating statement was improperly admitted?	
	Consider only incriminating statements made by	
	the defendant.	
songer_const1	What is the most frequently cited provision of the	N/A
8 =	U.S. Constitution in the headnotes to this case? If	,
	it is one of the original articles of the constitution,	
	code the number of the article preceded by two	
	zeros. If it is an amendment to the constitution,	
	•	
	code the number of the amendment (zero filled	
	to two places) preceded by a "1". Examples:	
	001 = Article 1 of the original constitution, 101	
	= 1st Amendment, 114 = 14th Amendment.	
songer_const2	What is the second most frequently cited provi-	N/A
	sion of the U.S. Constitution in the headnotes to	
	this case? If it is one of the original articles of	
	the constitution, code the number of the article	
	preceeded by two zeros. If it is an amendment to	
	the constitution, code the number of the amend-	
	ment (zero filled to two places) preceeded by a	
	"1". Examples: 001 = Article 1 of the original	
	constitution, 101 = 1st Amendment, 114 = 14th	
	Amendment.	
. • •		r . 1 1 ml
songer_constit	Did the court's conclusion about the constitution-	Issue not discussed, The issue was dis-
	ality of a law or administrative action favor the	cussed in the opinion and the resolution
	appellant?	of the issue by the court favored the re-
		spondent, The issue was discussed in the
		opinion and the resolution of the issue by
		the court favored the appellant
songer_counsel	Did the court rule that the defendant had inade-	No, Yes, Yes, but error was harmless
0 _ 1	quate counsel?	
songer counsel1	What is the nature of the counsel for the appel-	none (pro se), court appointed, legal aid
songer_coanserr	lant?	or public defender
congor councel?	What is the nature of the counsel for the respon-	none (pro se), court appointed, legal aid
songer_counsel2		
	dent?	or public defender
songer_crmproc1	What is the most frequently cited federal rule of	N/A
	criminal procedure in the headnotes to this case?	
	Answer with a number.	
songer_crmproc2	What is the second most frequently cited federal	N/A
	rule of criminal procedure in the headnotes to	
	this case? Answer with a number.	
		1

Γ	1.0 1.1 1.1	Tax Tax
songer_crossapp	Were there cross appeals from the decision below	No, Yes, Not ascertained
	to the court of appeals that were consolidated in	
	the present case?	
songer_deathpen	Did the court conclude that the death penalty was	No, Yes, Yes, but error was harmless
	improperly imposed? Consider only the validity	
	of the sentence, rather than whether or not the	
	conviction was proper.	
songer_decuncon	Did the court declare any statute or administra-	no declarations of unconstitutionality, act
	tive action unconstitutional?	of Congress declared unconstitutional (fa-
		cial invalidity), interpretation/application
		of federal law invalid
songer_denovo	Did the court's use of the standard of review, "de	No, Yes, Mixed answer
	novo on facts" support the government? The	
	courts generally recognize that de novo review	
	is impractical for the bulk of agency decisions so	
	the substantial evidence standard helps provide	
	a middle course. Consider the de novo review	
	of administrative action, not de novo review of	
	trial court by appeals court.	
songer_direct1	What is the ideological directionality of the court	conservative, liberal, mixed
0 <u>-</u>	of appeals decision?	, , , , , , , , , , , , , , , , , , , ,
songer_direct2	What is the ideological directionality of the court	conservative, liberal, mixed
5511,651_u11661 2	of appeals decision?	conservative, inserai, initioa
songer_discover	Did the court's interpretation of rules relating	No, Yes, Mixed answer
songer_discover	to discovery or other issues related to obtaining	ivo, ies, winder diswer
	evidence favor the appellant?	
songer_dissent	What is the number of judges who dissented from	0, 1, 2
soligei_disselli	the majority?	0, 1, 2
songer_district	From which district in the state was this case	Not applicable, Eastern, Western
songer_district	appealed?	Not applicable, Eastern, Western
songer_diverse	Did the court conclude that the parties were truly	No, Yes, Mixed answer
songer_uiverse	diverse?	No, ies, mixed aliswer
concer duanne		No, Yes, Mixed answer
songer_dueproc	Did the interpretation of the requirements of due	No, ies, mixed answer
	process by the court favor the appellant?	AT X7 X7 1 . 1 1
songer_entrap	Did the court rule that the defendant was the	No, Yes, Yes, but error was harmless
	victim of illegal entrapment?	
songer_erron	Did the court's use of the clearly erroneous stan-	No, Yes, Mixed answer
	dard support the government? That is, a some-	
	what narrower standard than substantial evi-	
	dence, or ignoring usual agency standards.	
songer_execord	Did the interpretation of executive order or ad-	No, Yes, Mixed answer
	ministrative regulation by the court favor the	
	appellant? This does include whether or not an	
	executive order was lawful.	
songer_exhaust	Did the court determine that it would not hear	No, Yes, Mixed answer
	the appeal for one of the following reasons: a)	
	administrative remedies had not been exhausted;	
	or b) the issue was not ripe for judicial action?	
songer_fedlaw	Did the interpretation of federal statute by the	No, Yes, Mixed answer
-	court favor the appellant?	
songer fedvst	Did the court rule that federal law should take	No, Yes, Mixed answer
5 _	precedence over state or local laws in a case in-	
	volving the conflict of laws (i.e, which laws or	
	rules apply)?	
	LLL. / / .	l

songer_foreign	Did the court rule that domestic law (federal, state or local) should take precedence over foreign law in a case involving the conflict of laws (i.e., which laws or rules apply- foreign country vs federal, state, or local)?	No, Yes, Mixed answer
songer_freeinfo	Did the court rule in favor of the government when the administrative action in question related to the agency's providing information to those who request it? For example, Freedom of Information, issues of governmental confidentiality, or "government in the sunshine".	No, Yes, Mixed answer
songer_frivapp	Did the court conclude that it could not reach the merits of the case because the motion or appeal was frivolous or raised only trivial issues and was therefore not suitable for appellate review?	No, Yes, Mixed answer
songer_frivol	Did the court conclude that either the original case was frivolous or raised only trivial issues and therefore was not suitable for actions on the merits?	No, Yes, Mixed answer
songer_genapel1	What is the nature of the first listed appellant?	private business (including criminal enter- prises), private organization or association, federal government (including DC)
songer_genapel2	What is the nature of the second listed appellant whose detailed code is not identical to the code for the first listed appellant?	private business (including criminal enter- prises), private organization or association, federal government (including DC)
songer_geniss	What is the general issue in the case?	criminal, civil rights, First Amendment
songer_genresp1	What is the nature of the first listed respondent?	private business (including criminal enter- prises), private organization or association, federal government (including DC)
songer_genresp2	What is the nature of the second listed respondent whose detailed code is not identical to the code for the first listed respondent?	private business (including criminal enter- prises), private organization or association, federal government (including DC)
songer_genstand	Did the agency articulate the appropriate general standard? This question includes whether the agency interpreted the statute "correctly". The courts often refer here to the rational basis test, plain meaning, reasonable construction of the statute, congressional intent, etc. This issue also includes question of which law applies or whether amended law vs law before amendment applies.	No, Yes, Mixed answer
songer_habeas	Was the case an appeal of a decision by the district court on a petition for habeas corpus?	no, yes, state habeas corpus (criminal), yes, federal habeas corpus (criminal)
songer_immunity	Did the court refuse to reach the merits of the appeal because it concluded that the defendant had immunity?	No, Yes, Mixed answer
songer_improper	Did the court conclude that there was improper influence on the jury? For example, include jury tampering or failure to shield jury from prejudicial media accounts. Exclude prejudicial conduct by the prosecutor.	No, Yes, Yes, but error was harmless
songer_indict	Did the court rule that the indictment was defective?	No, Yes, Yes, but error was harmless
songer_indigent	Did the court rule that the defendant's rights as an indigent were violated?	No, Yes, Yes, but error was harmless

songer_initiate	What party initiated the appeal?	Original plaintiff, Original defendant, Federal agency representing plaintiff
songer_injunct	Did the court's ruling on the validity of an injunction or the denial of an injunction or a stay of injunction favor the appellant?	No, Yes, Mixed answer
songer_insane	Did the court below err in not permitting an insanity defense?	No, Yes, Yes, but error was harmless
songer_int_law	Did the court rule in favor of the appellant on an issue related to the interpretation of a treaty or international law?	No, Yes, Mixed answer
songer_interven	Did one or more individuals or groups seek to formally intervene in the appeals court consideration of the case?	no intervenor in case, intervenor = appellant, intervenor = respondent
songer_judgdisc	Did the court's ruling on the abuse of discretion by the trial judge favor the appellant? This includes the issue of whether the judge actually had the authority for the action taken, but does not include questions of discretion of administrative law judges.	No, Yes, Mixed answer
songer_judrev	Did the court conclude the decision was subject to judicial review? While questions of fact are subject to limited review, questions of law are subject to full review. The problem becomes determining which are clear questions of law or fact as they are often "mixed".	No, Yes, Mixed answer
songer_jurisdiction	Did the court determine that it had jurisdiction to hear this case?	No, Yes, Mixed answer
songer_juryinst	Did the court conclude that the jury instructions were improper?	No, Yes, Yes, but error was harmless
songer_late	Did the court refuse to decide the appeal because the appellant failed to comply with some rule relating to timeliness of the appeal?	No, Yes, Mixed answer
songer_majvotes	What is the number of judges who voted in favor of the disposition favored by the majority?	0, 1, 2
songer_method	What is the nature of the proceeding in the court of appeals for this case?	decided by panel for first time (no indication of re-hearing or remand), decided by panel after re-hearing (second time this case has been heard by this same panel), decided by panel after remand from Supreme Court
songer_mootness	Did the court conclude that an issue was moot?	No, Yes, Mixed answer
songer_notice	Decisions that affect life, liberty, or property must be preceded by adequate notice and an oppor- tunity for a fair hearing. Did the agency give proper notice?	No, Yes, Mixed answer
songer_numappel	What is the total number of appellants in the case? Answer with a number.	N/A
songer_numresp	What is the total number of respondents in the case? Answer with a number.	N/A
songer_opinstat	Is the opinion writer identified in the opinion, or was the opinion per curiam?	Signed, with reasons, Per curiam, with reasons, Not ascertained
songer_origin	What type of court made the original decision?	Federal district court (single judge), 3 judge district court, State court

songer_othadmis	Did the court rule that some evidence, other than a confession made by the defendant or illegal search and seizure, was inadmissibile (or did ruling on appropriateness of evidentary hearing benefit the defendant)?	No, Yes, Yes, but error was harmless
songer_othappth	Did the court refuse to rule on the merits of the appeal because of some threshhold issue other than timeliness or frivolousness that was relevant on appeal but not at the original trial?	No, Yes, Mixed answer
songer_othcrim	Did the court rule for the defendant on grounds other than procedural grounds? For example, right to speedy trial, double jeopardy, confrontation, retroactivity, self defense. This includes the question of whether the defendant waived the right to raise some claim.	No, Yes, Yes, but error was harmless
songer_othjury	Did the court conclude that the jury composition or selection was invalid or that the jury was biased or tampered with?	No, Yes, Yes, but error was harmless
songer_oththres	Did the court refuse to rule on the merits of the appeal because of a threshhold issue other than lack of jurisdiction, standing, mootness, fail- ure to state a claim, exhaustion, timeliness, im- munity, frivolousness, or nonjusticiable political question?	No, Yes, Mixed answer
songer_plea	Did the court rule for the defendant on an issue related to plea bargaining? Plea bargain includes all challenges to plea.	No, Yes, Yes, but error was harmless
songer_polquest	Did the court refuse to rule on the merits of the case because it was considered to be a nonjusticiable "political question"?	No, Yes, Mixed answer
songer_post_trl	Did the court's ruling on some post-trial procedure or motion (e.g., allocating court costs or post award relief) favor the appellant? This doe not include attorneys' fees, but does include motions to set aside a jury verdict.	No, Yes, Mixed answer
songer_prejud	Was there prejudicial conduct by prosecution?	No, Yes, Yes, but error was harmless
songer_pretrial	Did the court's rulings on pre-trial procedure favor the appellant? This includes whether or not there is a right to jury trial, whether the case should be certified as a class action, or whether a prospective party has a right to intervene in the case, but does not include rulings on motions for summary judgment.	No, Yes, Mixed answer
songer_procdis	Did the court uphold the dismissal by district court on procedural grounds?	No, Yes, Yes, but error was harmless
songer_procedur	Did the interpretation of federal rule of procedures, judicial doctrine, or case law by the court favor the appellant?	No, Yes, Mixed answer
songer_r_bus	What is the total number of respondents in the case that fall into the category "private business and its executives"? Answer with a number.	N/A
songer_r_fed	What is the total number of respondents in the case that fall into the category "the federal government, its agencies, and officialss"? Answer with a number.	N/A

songer_r_natpr songer_r_natpr songer_r_natpr songer_r_natpr songer_r_nonp What is the total number of respondents in the case that fall into the category "functional in the case that fall into the category "natural persons"? Answer with a number. songer_r_nonp What is the total number of respondents in the case that fall into the category "groups and associations"? Answer with a number. songer_r_state What is the total number of respondents in the case that fall into the category "state governments, their agencies, and officials"? Answer with a number. songer_r_stid What is the state of the first listed state or local government agency that is a respondents in the case that fall into the category "state governments, their agencies, and officials"? Answer with a number. songer_r_subst songer_r_subst songer_realapp Are the formally listed appellants in the case the "real parties", that is, are they the parties whose real interests are most directly at stake? songer_realresp Are the formally listed respondents in the case the "real parties", that is, are they the parties whose real interests are most directly at stake? songer_respond 1_1_2 Did the agency fail to develop an adequate record? For example, if the court was unable to determine what doctrine was used for the decision or unable to determine the basis of the decision. Songer_respond 1_1_3 This question concerns the first listed respondent is not a real party, the 2nd appellant enterprises? What is the soope of this business? songer_respond 1_1_4 This question concerns the first listed respondent is not a real party, the 2nd appellant enterprises? What is the soope of this business functuding criminal enterprises? What is the soope of this business with the case decrived of this litigant falls into the category "private business (including criminal enterprises)", what category of business best describes that litigant alls into the category "private business (including criminal enterprises)", what category of business best describes			
What is the total number of respondents in the case that fall into the category 'natural persons'? Answer with a number.	songer_r_fiduc		N/A
case that fall into the category "natural persons"? Answer with a number. What is the total number of respondents in the case that fall into the category "groups and associations"? Answer with a number. songer_r_state What is the total number of respondents in the case that fall into the category "state governments, their agencies, and officials"? Answer with a number. songer_r_stid What is the total number of respondents in the case that fall into the category "state governments, their agencies, and officials"? Answer with a number. songer_r_subst Songer_realapp Are the formally listed appellants in the case the "real parties", that is, are they the parties whose real interests are most directly at stake? Are the formally listed appellants in the case the "real parties", that is, are they the parties whose real interests are most directly at stake? Are the formally listed respondents in the case the "real parties", that is, are they the parties whose real interests are most directly at stake? Songer_realresp Are the formally listed respondents in the case the "real parties", that is, are they the parties whose real interests are most directly at stake? Songer_realresp Are the formally listed respondents in the case the "real parties", that is, are they the parties whose real interests are most directly at stake? Songer_realresp Are the formally listed respondents in the case the "real parties", that is, are they the parties whose real interests are most directly at stake? Songer_respond1_1_2 This question concerns the first listed respondent is not a real party, the 2nd respondent is not a real party. Songer_respond1_1_3 This question concerns the first listed respondent is not a real party. Songer_respond1_1_4 This question concerns the first listed respondent is not a real party. Songer_respond1_1_4 This question concerns the first listed respondent is not a real party. Songer_respond1_1_4 This question concerns the first listed respondent. The nature of this litigant falls into t			
What is the total number of respondents in the case that fall into the category "groups and associations"? Answer with a number.	songer_r_natpr	case that fall into the category "natural persons"?	N/A
case that fall into the category "groups and associations"? Answer with a number. What is the total number of respondents in the case that fall into the category "state governments, their agencies, and officials"? Answer with a number. Songer_r_subst What is the state of the first listed state or local government agency that is a respondent? What is the total number of respondents in the case that fall into the category "sub-state governments, their agencies, and officials"? Answer with a number. Songer_realapp Are the formally listed appellants in the case the "real parties", that is, are they the parties whose real interests are most directly at stake? Are the formally listed respondents in the case the "real parties", that is, are they the parties whose real interests are most directly at stake? Are the formally listed respondents in the case the "real parties", that is, are they the parties whose real interests are most directly at stake? Did the agency fall to develop an adequate record? For example, if the court was unable to determine what doctrine was used for the decision or unable to determine the basis of the decision or unable to determine the basis of the decision. Songer_respond1_1_2 This question concerns the first listed respondent. The nature of this litigant falls into the category "private business (including criminal enterprises)". What category of business best describes the area of activity of this litigant falls into the category "private business (including criminal enterprises)", what category of business best describes the area of activity of this litigant falls into the category "private business (including criminal enterprises)", specifically "agriculture". What subcategory of business best describes the area of activity of this litigant falls into the category "private business (including criminal enterprises)", specifically "agriculture". What subcategory of business best describes the area of activity of this litigant falls into the category "private business heat descr	songer r nonn		N/A
What is the total number of respondents in the case that fall into the category "state governments, their agencies, and officials"? Answer with a number. Songer_r_subst	soliger_r_nonp	case that fall into the category "groups and asso-	N/A
case that fall into the category "state governments, their agencies, and officials"? Answer with a number. Songer_r_subst What is the state of the first listed state or local government agency that is a respondent? Songer_r_subst What is the total number of respondents in the case that fall into the category "sub-state governments, their agencies, and officials"? Answer with a number. Songer_realapp Are the formally listed appellants in the case the "real parties", that is, are they the parties whose real interests are most directly at stake? Are the formally listed respondents in the case the "real parties", that is, are they the parties whose real party, the 2nd appellant is not a real party, the 2nd appellant is not a real party whose real interests are most directly at stake? Songer_realresp Are the formally listed respondents in the case the "real parties", that is, are they the parties whose real interests are most directly at stake? Did the agency fail to develop an adequate record? For example, if the court was unable to determine what doctrine was used for the decision or unable to determine the basis of the decision or unable to determine the basis of the decision or unable to determine the basis of the decision or unable to determine the safety "private business (including criminal enterprises)". What is the scope of this business? Songer_respond1_1_2 This question concerns the first listed respondent. The nature of this litigant falls into the category "private business (including criminal enterprises)". What category of business best describes the area of activity of this litigant falls into the category "private business (including criminal enterprises)". What category of business best describes the area of activity of this litigant falls into the category "private business (including criminal enterprises)". What category of business best describes this litigant? The nature of this litigant falls into the category "private business (including criminal enterprises)". This question conc			
Songer_r_stid What is the state of the first listed state or local government agency that is a respondent?	songer_r_state	case that fall into the category "state governments, their agencies, and officials"? Answer	N/A
songer_r_subst What is the total number of respondents in the case that fall into the category "sub-state governments, their agencies, and officials"? Answer with a number. Are the formally listed appellants in the case the "real parties", that is, are they the parties whose real interests are most directly at stake? Songer_realresp Are the formally listed respondents in the case the "real parties", that is, are they the parties whose real interests are most directly at stake? Songer_realresp Are the formally listed respondents in the case the "real parties", that is, are they the parties whose real interests are most directly at stake? Songer_record Did the agency fail to develop an adequate record? For example, if the court was unable determine what doctrine was used for the decision or unable to determine the basis of the decision. Songer_respond1_1_2 This question concerns the first listed respondent. The nature of this litigant falls into the category "private business (including criminal enterprises)". What category of business best describes the area of activity of this litigant falls into the category "private business (including criminal enterprises)", specifically "agriculture". What sub-category of business best describes this litigant falls into the category "private business (including criminal enterprises)", specifically "agriculture". What sub-category of business best describes this litigant falls into the category "private business (including criminal enterprises)", specifically "agriculture". What sub-category of business best describes this litigant falls into the category "private business (including criminal enterprises)", specifically "agriculture". What sub-category of business best describes this litigant falls into the category "private business (including criminal enterprises)", specifically "agriculture". What sub-category of business best describes this litigant falls into the category "private organization or association". What category (BTPU), other This question concern	1		41.1
case that fall into the category "sub-state governments, their agencies, and officials"? Answer with a number. songer_realapp Are the formally listed appellants in the case the "real parties", that is, are they the parties whose real interests are most directly at stake? Are the formally listed appellants in the case the "real parties", that is, are they the parties whose real interests are most directly at stake? Are the formally listed respondents in the case the "real parties", that is, are they the parties whose real interests are most directly at stake? both 1st and 2nd listed appellants are real parties (or only one appellant, and that appellant is not a real party), the 2nd appellant is not a real party, the 2nd appellant is not a real party whose real interests are most directly at stake? both 1st and 2nd listed appellants are real parties (or only one respondents are real party) are laptiles (or only one respondents are real party). The 2nd respondent is not a real party, the 2nd respondent is not a real party, the 2nd respondent is not a real party, the 1st respondent is not a real party, the 2nd respondent is not a real party, the 1st respondent is not a real party, the 2nd respondent is not a real party, the	songer_r_stid	government agency that is a respondent?	
"real parties", that is, are they the parties whose real interests are most directly at stake? Songer_realresp Are the formally listed respondents in the case the "real parties", that is, are they the parties whose real interests are most directly at stake? Did the agency fail to develop an adequate record? For example, if the court was unable to determine what doctrine was used for the decision or unable to determine the basis of the decision. Songer_respond1_1_2 This question concerns the first listed respondent anterprises)". What is the scope of this business? Songer_respond1_1_3 This question concerns the first listed respondent. The nature of this litigant falls into the category "private business (including criminal enterprises)". What category of business best describes the area of activity of this litigant falls into the category "private business (including criminal enterprises)", specifically "agriculture". What subcategory of business best describes this litigant? Songer_respond1_2_2 This question concerns the first listed respondent. The nature of this litigant falls into the category "private business (including criminal enterprises)", specifically "agriculture". What subcategory of business best describes this litigant? Songer_respond1_2_2 This question concerns the first listed respondent. The nature of this litigant falls into the category "private business (including criminal enterprises)", specifically "agriculture". What subcategory of business best describes this litigant? Songer_respond1_2_2 This question concerns the first listed respondent. The nature of this litigant falls into the category "private business (including criminal enterprises)", specifically "agriculture". What subcategory of business best describes this litigant?	songer_r_subst	case that fall into the category "sub-state governments, their agencies, and officials"? Answer	N/A
the "real parties", that is, are they the parties whose real interests are most directly at stake? songer_record Did the agency fail to develop an adequate record? For example, if the court was unable to determine what doctrine was used for the decision or unable to determine the basis of the decision. songer_respond1_1_2 This question concerns the first listed respondent. The nature of this litigant falls into the category "private business (including criminal enterprises)". What is the scope of this business? songer_respond1_1_4 This question concerns the first listed respondent. The nature of this litigant falls into the category "private business (including criminal enterprises)". What category of business best describes the area of activity of this litigant falls into the category "private business (including criminal enterprises)". What category of business hest describes this litigant falls into the category "private business (including criminal enterprises)", specifically "agriculture". What subcategory of business best describes this litigant? songer_respond1_2_2 This question concerns the first listed respondent. The nature of this litigant falls into the category "private business (including criminal enterprises)", specifically "agriculture". What subcategory of business best describes this litigant? This question concerns the first listed respondent. The nature of this litigant falls into the category "private business (including criminal enterprises)", specifically "agriculture". What subcategory of business best describes this litigant? This question concerns the first listed respondent. The nature of this litigant falls into the category "private organization or association". What category of private associations best describes this litigant?	songer_realapp	"real parties", that is, are they the parties whose	parties (or only one appellant, and that appellant is a real party), the 1st appellant is not a real party, the 2nd appellant is not
the "real parties", that is, are they the parties whose real interests are most directly at stake? songer_record Did the agency fail to develop an adequate record? For example, if the court was unable to determine what doctrine was used for the decision or unable to determine the basis of the decision. songer_respond1_1_2 This question concerns the first listed respondent. The nature of this litigant falls into the category "private business (including criminal enterprises)". What is the scope of this business? songer_respond1_1_4 This question concerns the first listed respondent. The nature of this litigant falls into the category "private business (including criminal enterprises)". What category of business best describes the area of activity of this litigant falls into the category "private business (including criminal enterprises)". What category of business hest describes this litigant falls into the category "private business (including criminal enterprises)", specifically "agriculture". What subcategory of business best describes this litigant? songer_respond1_2_2 This question concerns the first listed respondent. The nature of this litigant falls into the category "private business (including criminal enterprises)", specifically "agriculture". What subcategory of business best describes this litigant? This question concerns the first listed respondent. The nature of this litigant falls into the category "private business (including criminal enterprises)", specifically "agriculture". What subcategory of business best describes this litigant? This question concerns the first listed respondent. The nature of this litigant falls into the category "private organization or association". What category of private associations best describes this litigant?	songer realresp	Are the formally listed respondents in the case	both 1st and 2nd listed respondents are
whose real interests are most directly at stake? songer_record Did the agency fail to develop an adequate record? For example, if the court was unable to determine what doctrine was used for the decision or unable to determine the basis of the decision. Songer_respond1_1_2 This question concerns the first listed respondent. The nature of this litigant falls into the category "private business (including criminal enterprises)". What is the scope of this business? This question concerns the first listed respondent. The nature of this litigant falls into the category "private business (including criminal enterprises)". What category of business best describes the area of activity of this litigant which is involved in this case? songer_respond1_1_4 This question concerns the first listed respondent. The nature of this litigant falls into the category "private business (including criminal enterprises)". What category of business best describes this litigant falls into the category "private business (including criminal enterprises)". What category of business lost describes this litigant falls into the category "private business (including criminal enterprises)". What category of business best describes this litigant? Songer_respond1_1_4 This question concerns the first listed respondent. The nature of this litigant falls into the category "private business (including criminal enterprises)", specifically "agriculture". What subcategory of business best describes this litigant? This question concerns the first listed respondent. The nature of this litigant falls into the category "private organization or association". What category (BTPU), other The pature of this litigant falls into the category (BTPU), other			
Did the agency fail to develop an adequate record? For example, if the court was unable to determine what doctrine was used for the decision or unable to determine the basis of the decision. Songer_respond1_1_2			that respondent is a real party), the 1st respondent is not a real party, the 2nd re-
dent. The nature of this litigant falls into the category "private business (including criminal enterprises)". What is the scope of this business? songer_respond1_1_3 This question concerns the first listed respondent. The nature of this litigant falls into the category "private business (including criminal enterprises)". What category of business best describes the area of activity of this litigant which is involved in this case? songer_respond1_1_4 This question concerns the first listed respondent. The nature of this litigant falls into the category "private business (including criminal enterprises)", specifically "agriculture". What subcategory of business best describes this litigant? songer_respond1_2_2 This question concerns the first listed respondent. The nature of this litigant falls into the category "private organization or association". What category of private associations best describes this litigant falls into the category "private organization or association". What category of private associations best describes this litigant falls into the category private organization or associations best describes this litigant falls into the category private organization or associations best describes this litigant falls into the category private organization or associations best describes this litigant falls into the category private organization or associations best describes this litigant falls into the category private organization or associations best describes this litigant falls into the category private organization or associations best describes this litigant falls into the category private organization or associations best describes this litigant falls into the category private organization or associations litigant falls into the category private organization or associations litigant falls into the category private organization or associations litigant falls into the category private organization or associations litigant falls into the category private organization or associations litigant f	songer_record	record? For example, if the court was unable to determine what doctrine was used for the decision or unable to determine the basis of the	No, Yes, Mixed answer
Songer_respond1_1_3 This question concerns the first listed respondent. The nature of this litigant falls into the category "private business (including criminal enterprises)". What category of business best describes the area of activity of this litigant which is involved in this case? This question concerns the first listed respondent. The nature of this litigant falls into the category "private business (including criminal enterprises)", specifically "agriculture". What subcategory of business best describes this litigant? This question concerns the first listed respondent. The nature of this litigant falls into the category "private organization or association". What category of private associations best describes this	songer_respond1_1_2	dent. The nature of this litigant falls into the category "private business (including criminal	
dent. The nature of this litigant falls into the category "private business (including criminal enterprises)", specifically "agriculture". What subcategory of business best describes this litigant? songer_respond1_2_2 This question concerns the first listed respondent. The nature of this litigant falls into the category "private organization or association". What category of private associations best describes this		This question concerns the first listed respondent. The nature of this litigant falls into the category "private business (including criminal enterprises)". What category of business best describes the area of activity of this litigant which	agriculture, mining, construction
The nature of this litigant falls into the category "private organization or association". What category of private associations best describes this	songer_respond1_1_4	dent. The nature of this litigant falls into the category "private business (including criminal enterprises)", specifically "agriculture". What sub-	
	songer_respond1_2_2	The nature of this litigant falls into the category "private organization or association". What category of private associations best describes this	

songer_respond1_2_3	This question concerns the first listed respondent. The nature of this litigant falls into the category "private organization or association", specifically "business, trade, professional, or union (BTPU)". What subcategory of private association best describes this litigant?	Business or trade association, utilities co- ops, Professional association - other than law or medicine
songer_respond1_3_2	This question concerns the first listed respondent. The nature of this litigant falls into the category "federal government (including DC)". Which category of federal government agencies and activities best describes this litigant?	cabinet level department, courts or legisla- tive, agency whose first word is "federal"
songer_respond1_3_3	This question concerns the first listed respondent. The nature of this litigant falls into the category "federal government (including DC)", specifically "cabinet level department". Which specific federal government agency best describes this litigant?	Department of Agriculture, Department of Commerce, Department of Defense (includes War Department and Navy Department)
songer_respond1_4_2	This question concerns the first listed respondent. The nature of this litigant falls into the category "sub-state government (e.g., county, local, special district)". Which category of substate government best describes this litigant?	legislative, executive/administrative, bu- reaucracy providing services
songer_respond1_4_3	This question concerns the first listed respondent. The nature of this litigant falls into the category "sub-state government (e.g., county, local, special district)", specifically "legislative". Which specific substate government agency best describes this litigant?	City/county council, School Board, board of trustees for college or junior college, Other legislative body
songer_respond1_5_2	This question concerns the first listed respondent. The nature of this litigant falls into the category "state government (includes territories & commonwealths)". Which category of state government best describes this litigant?	legislative, executive/administrative, bureaucracy providing services
songer_respond1_5_3	This question concerns the first listed respondent. The nature of this litigant falls into the category "state government (includes territories & commonwealths)", specifically "legislative". Which specific state government agency best describes this litigant?	Legislature or separate house as an organization, Legislative Committee or Commission, Other Legislative Unit
songer_respond1_7_2	This question concerns the first listed respondent. The nature of this litigant falls into the category "natural person (excludes persons named in their official capacity or who appear because of a role in a private organization)". What is the gender of this litigant?Use names to classify the party's sex only if there is little ambiguity.	not ascertained, male - indication in opinion (e.g., use of masculine pronoun), male - assumed because of name
songer_respond1_7_3	This question concerns the first listed respondent. The nature of this litigant falls into the category "natural person (excludes persons named in their official capacity or who appear because of a role in a private organization)". What is the race or ethnic identity of this litigant as identified in the opinion?	not ascertained, caucasian - specific indication in opinion, black - specific indication in opinion

11. 7. 4	1 6 1 1	1 770 11
songer_respond1_7_4	This question concerns the first listed respondent.	not ascertained, US citizen, alien
	The nature of this litigant falls into the category	
	"natural person (excludes persons named in their	
	official capacity or who appear because of a role	
	in a private organization)". What is the citizen-	
	ship of this litigant as indicated in the opinion?	
songer_respond1_7_5	This question concerns the first listed respondent.	not ascertained, poor + wards of state, pre-
	The nature of this litigant falls into the category	sumed poor
	"natural person (excludes persons named in their	
	official capacity or who appear because of a role	
	in a private organization)". Which of these cate-	
	gories best describes the income of the litigant?	
songer_respond1_8_2	This question concerns the first listed respondent.	fiduciary, executor, or trustee, other, nature
	The nature of this litigant falls into the category	of the litigant not ascertained
	"miscellaneous". Which of the following cate-	
	gories best describes the litigant?	
songer_respond1_8_3	This question concerns the first listed respondent.	trustee in bankruptcy - institution, trustee
	The nature of this litigant falls into the category	in bankruptcy - individual, executor or ad-
	"miscellaneous", specifically "fiduciary, executor,	ministrator of estate - institution
	or trustee". Which of the following specific sub-	
	categories best describes the litigant?	
songer_respond2_1_2	This question concerns the second listed respon-	local, neither local nor national, national
	dent. The nature of this litigant falls into the	or multi-national
	category "private business (including criminal	
	enterprises)". What is the scope of this business?	
songer_respond2_1_3	This question concerns the second listed respon-	agriculture, mining, construction
	dent. The nature of this litigant falls into the	
	category "private business (including criminal	
	enterprises)". What category of business best de-	
	scribes the area of activity of this litigant which	
	is involved in this case?	
songer_respond2_1_4	This question concerns the second listed respon-	single family farm, commercial farm, agri-
	dent. The nature of this litigant falls into the	business, farm - other
	category "private business (including criminal en-	,
	terprises)", specifically "agriculture". What sub-	
	category of business best describes this litigant?	
songer_respond2_2_2	This question concerns the second listed respon-	business, trade, professional, or union
	dent. The nature of this litigant falls into the cate-	(BTPU), other
	gory "private organization or association". What	
	category of private associations best describes	
	this litigant?	
songer_respond2_2_3	This question concerns the second listed respon-	Business or trade association, utilities co-
0 - 1 - 1 - 1 - 1 - 1	dent. The nature of this litigant falls into the cate-	ops, Professional association - other than
	gory "private organization or association", specif-	law or medicine
	ically "business, trade, professional, or union	
	(BTPU)". What subcategory of private associ-	
	ation best describes this litigant?	
songer_respond2_3_2	This question concerns the second listed respon-	cabinet level department, courts or legisla-
001_100Pollub_0_2	dent. The nature of this litigant falls into the	tive, agency whose first word is "federal"
	category "federal government (including DC)".	
	Which category of federal government agencies	
	and activities best describes this litigant?	
	and activities best describes tills intigant:	

10.0.0	m1	
songer_respond2_3_3	This question concerns the second listed respondent. The nature of this litigant falls into the category "federal government (including DC)", specifically "cabinet level department". Which specific federal government agency best describes this litigant?	Department of Agriculture, Department of Commerce, Department of Defense (includes War Department and Navy Department)
songer_respond2_4_2	This question concerns the second listed respondent. The nature of this litigant falls into the category "sub-state government (e.g., county, local, special district)". Which category of substate government best describes this litigant?	legislative, executive/administrative, bu- reaucracy providing services
songer_respond2_4_3	This question concerns the second listed respondent. The nature of this litigant falls into the category "sub-state government (e.g., county, local, special district)", specifically "legislative". Which specific substate government agency best describes this litigant?	City/county council, School Board, board of trustees for college or junior college, Other legislative body
songer_respond2_5_2	This question concerns the second listed respondent. The nature of this litigant falls into the category "state government (includes territories & commonwealths)". Which category of state government best describes this litigant?	legislative, executive/administrative, bureaucracy providing services
songer_respond2_5_3	This question concerns the second listed respondent. The nature of this litigant falls into the category "state government (includes territories & commonwealths)", specifically "legislative". Which specific state government agency best describes this litigant?	Legislature or separate house as an organization, Legislative Committee or Commission, Other Legislative Unit
songer_respond2_7_2	This question concerns the second listed respondent. The nature of this litigant falls into the category "natural person (excludes persons named in their official capacity or who appear because of a role in a private organization)". What is the gender of this litigant? Use names to classify the party's sex only if there is little ambiguity.	not ascertained, male - indication in opinion (e.g., use of masculine pronoun), male - assumed because of name
songer_respond2_7_3	This question concerns the second listed respondent. The nature of this litigant falls into the category "natural person (excludes persons named in their official capacity or who appear because of a role in a private organization)". What is the race or ethnic identity of this litigant as identified in the opinion?	not ascertained, caucasian - specific indication in opinion, black - specific indication in opinion
songer_respond2_7_4	This question concerns the second listed respondent. The nature of this litigant falls into the category "natural person (excludes persons named in their official capacity or who appear because of a role in a private organization)". What is the citizenship of this litigant as indicated in the opinion?	not ascertained, US citizen, alien

10	1 11 1	
songer_respond2_7_5	This question concerns the second listed respon-	not ascertained, poor + wards of state, pre-
	dent. The nature of this litigant falls into the cat-	sumed poor
	egory "natural person (excludes persons named	
	in their official capacity or who appear because	
	of a role in a private organization)". Which of	
	these categories best describes the income of the	
	litigant?	
songer_respond2_8_2	This question concerns the second listed respon-	fiduciary, executor, or trustee, other, nature
	dent. The nature of this litigant falls into the	of the litigant not ascertained
	category "miscellaneous". Which of the follow-	
	ing categories best describes the litigant?	
songer_respond2_8_3	This question concerns the second listed respon-	trustee in bankruptcy - institution, trustee
	dent. The nature of this litigant falls into the	in bankruptcy - individual, executor or ad-
	category "miscellaneous", specifically "fiduciary,	ministrator of estate - institution
	executor, or trustee". Which of the following	
	specific subcategories best describes the litigant?	
songer_rtcouns	Did the court rule that the defendant's right to	No, Yes, Yes, but error was harmless
songer_recouns	counsel was violated (for some reason other than	110, 165, 165, but error was narmess
	inadequate counsel)?	
songer seerah	Did the court below improperly rule for the pros-	No, Yes, Yes, but error was harmless
songer_search	ecution on an issue related to an alleged illegal	No, les, les, but ellor was nathliess
	search and seizure?	NT. 37. 37. 1
songer_sentence	Did the court conclude that some penalty, exclud-	No, Yes, Yes, but error was harmless
	ing the death penalty, was improperly imposed?	
songer_source	What forum heard this case immediately before	Federal district court (single judge), 3
	the case came to the court of appeals?	judge district court, State court
songer_st_v_st	Did the court rule in favor of the appellant on	No, Yes, Mixed answer
	the issue of a conflict of laws (which laws or	
	rules apply) other than federal v state or foreign	
	v domestic (e.g., one state vs second state)?	
songer_standing	Did the court determine that the parties had	No, Yes, Mixed answer
	standing?	
songer_state	In what state or territory was the case first heard?	not, Alabama, Alaska
songer_stateclaim	Did the court dismiss the case because of the	No, Yes, Mixed answer
	failure of the plaintiff to state a claim upon which	
	relief could be granted?	
songer_stpolicy	Did the interpretation of state or local law, exec-	No, Yes, Mixed answer
	utive order, administrative regulation, doctrine,	
	or rule of procedure by the court favor the appel-	
	lant?	
songer_subevid	Did the court's interpretation of the substan-	No, Yes, Mixed answer
_	tial evidence rule support the government? For	
	example, "such evidence as a reasonable mind	
	might accept as adequate to support a conclu-	
	sion" or "more than a mere scintilla". This issue	
	is present only when the court indicates that it is	
	using this doctrine, rather than when the court	
	is merely discussing the evidence to determine	
	whether the evidence supports the position of	
	the appellant or respondent.	
songer_suffic	Did the court rule that there was insufficient evi-	No, Yes, Yes, but error was harmless
2311801_341110	dence for conviction?	1.0, 100, 100, but ciror was narmicos
songer_summary	Did the court's ruling on the appropriateness of	No, Yes, Mixed answer
Jonger_summary	summary judgment or the denial of summary	110, 100, MIACU GIISWCI
	judgment favor the appellant?	
[Juagment iavoi me appenant!	

songer_timely	Did the court conclude that it could not reach the merits of the case because the litigants had not complied with some rule relating to timeliness, a filing fee, or because a statute of limitations had expired?	No, Yes, Mixed answer
songer_treat	What is the disposition by the court of appeals of the decision of the court or agency below?	stay, petition, or motion granted, affirmed; or affirmed and petition denied, reversed (include reversed & vacated)
songer_trialpro	Did the court's ruling on procedure at trial favor the appellant? This includes jury instructions and motions for directed verdicts made during trial.	No, Yes, Mixed answer
songer_two_issues	Are there two issues in the case?	no, yes
songer_typeiss	What is the general category of issues discussed in the opinion of the court?	criminal and prisoner petitions, civil - gov- ernment, diversity of citizenship
songer_usc1	What is the most frequently cited title of the U.S. Code in the headnotes to this case? Answer with a number.	N/A
songer_usc1sect	What is the number of the section from the title of the most frequently cited title of the U.S. Code in the headnotes to this case, that is, title usc1? Answer with a number.	N/A
songer_usc2	The most frequently cited title of the U.S. Code in the headnotes to this case is usc1. What is the second most frequently cited title of this U.S. Code in the headnotes to this case? Answer with a number.	N/A
songer_usc2sect	What is the number of the section from the title of the second most frequently cited title of the U.S. Code in the headnotes to this case, that is, title usc2? Answer with a number.	N/A
songer_weightev	Did the factual interpretation by the court or its conclusions (e.g., regarding the weight of evidence or the sufficiency of evidence) favor the appellant?	No, Yes, Mixed answer
songer_whlaws	Did the court's discussion of which state's laws should control their ruling in the case support the position taken by the appellant?	No, Yes, Mixed answer