LAWMA: THE POWER OF SPECIALIZATION FOR LEGAL ANNOTATION

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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 commercial models, hoping that it will alleviate the significant cost of human annotation. In this work, we present a comprehensive analysis of large language models' current abilities to perform legal annotation tasks. To do so, we construct CaselawOA, a benchmark comprising 260 legal text classification tasks, nearly all new to the machine learning community. We demonstrate that commercial models, such as GPT-4.5 and Claude 3.7 Sonnet, achieve non-trivial accuracy but generally fall short of the performance required for legal work. We then demonstrate that small, lightly fine-tuned models vastly outperform commercial models. A few dozen to a few hundred labeled examples are usually enough to achieve higher accuracy. Our work points to a viable alternative to the predominant practice of prompting commercial models. For concrete legal annotation tasks with some available labeled data, researchers are likely better off using a fine-tuned open-source model. Code, datasets, and fine-tuned models are available at https://github.com/socialfoundations/lawma.

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 thousand documents at a time, but is no match for the sheer scale of legal data.

There has long been an interest by empirical legal scholars in NLP tools for feature extraction (i.e., annotation) in lieu of human annotators (Livermore & Rockmore, 2019). Starting from sentiment analysis and topic models, to now large language models. The costs and error of existing methods is the single most important bottleneck in the empirical legal studies pipeline. Yet, the use of large language models to annotate legal text remains a critically understudied area.

Nonetheless, motivated by the rapid advances in 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. The underlying assumption is that large models such as GPT-4 provide the best solution to the problem that is currently available. In this work, we critically examine this assumption.

^{*}Alphabetical order.

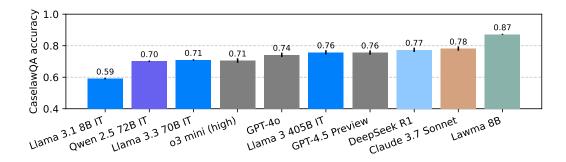


Figure 1: The cost of generality: Performance of various language models on the CaselawQA benchmark for legal annotation. Lawma 8B, specialized for legal annotation, outperforms all other models.

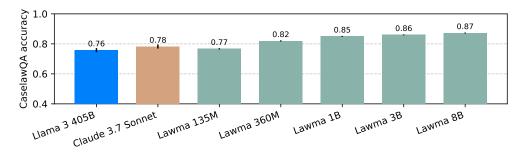


Figure 2: Performance of the Lawma models. The smallest Lawma model, Lawma 135M, is competitive with the best-performing commercial model, Claude 3.7 Sonnet.

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 annotation tasks based on the U.S. Supreme Court (Spaeth et al., 2023) and Court of Appeals (Songer) databases. These databases offer rich annotations for court cases, which we utilize as labels to create challenging multi-class classification tasks. We aggregate these tasks into an easy-to-use benchmark, which we call CaselawQA. We detail in Section 2 the process used to construct this benchmark.

Our primary finding is that small, fine-tuned models substantially outperform large commercial models (Figure 1). Specifically, we fine-tune a series of small language models, ranging from 135M to 8B parameters, which we collectively refer to as the Lawma models. Our Lawma 8B model achieves 87% accuracy on CaselawQA, outperforming all commercial models by at least 9 percentage points, with the best-performing commercial model, Claude 3.7 Sonnet, attaining 78% accuracy. Although it is expected that fine-tuning helps, the superiority of fine-tuning an open-weights model at a much smaller scale is surprising. After all, commercial models are orders of magnitude larger. Our results demonstrate that, for legal annotation, researchers are better off using small specialized models rather than large general-purpose LLMs.

We conduct various large-scale fine-tuning experiments that further demonstrate the benefits and practicality of specializing models for legal annotation:

- Larger models respond better to fine-tuning than smaller models. Accuracy of the Lawma models increases steadily with model size (Figure 2). However, we observe signs of diminishing returns. 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 higher accuracy than commercial models (Section 4.2, Figure 10). This is crucial, since labeling a few hundred data points is often financially feasible for many legal scholars, whereas labeling many thousands may not.

- Fine-tuning generalizes to unseen tasks. 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 (Appendix 4.3, Figure 11).
- We can simultaneously fine-tune on all 260 tasks. There is not a large loss compared with fine-tuning on a specific task (Section D, Figure 13). This is desirable in practice, as it obviates the need to train and maintain a separate model for each task.
- We contextualize our accuracy numbers with intercoder agreement rates. Our analysis reveals task heterogeneity in the relationship between model accuracy and intercoder agreement (Appendix C).

Our results speak to the power of specialization for legal annotation. Our insights suggest that the empirical legal community should invest in an ecosystem of fine-tuned models for relevant annotation tasks. Such an ecosystem could radically expand the capacity of legal scholars to engage in quantitative work.

From a benchmarking perspective, the tasks presented in this work are of independent interest. They are challenging multi-class classification problems that require some amount of legal expertise. The best models achieve non-trivial, but modest performance. And even fine-tuned models don't reach intercoder agreement rates. These legal classification tasks are diverse, non-trivial evaluation tasks for future model advances.

Finally, our work challenges the prevailing narrative about the suitability of "generalist" models. In commercial APIs, users are generally limited to prompting generalist models, as fine-tuning is costly for the model provider. But as we show, generalist models are neither sufficiently good nor best possible for many practical tasks. Specializing models to concrete tasks of interests, even with relatively small base models and few labeled examples, can provide a simple, practical, and far more accurate solution.

1.2 RELATED WORK

Benchmarks 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 & 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 & 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). Bhambhoria et al. (2024) evaluate the performance of general-purpose models on legal question-answering tasks and advocate for the development of open-source models tailored to the legal domain. We extend and strengthen these valuable efforts to benchmark large language models in legal settings. 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). Our evaluation suite measures the performance of models in annotating court opinions, focusing on tasks that are of interest to the field of empirical legal studies. The tasks we study are complementary to those in LegalBench. We do not evaluate our model on LegalBench, since our model is specialized to the Supreme Court and Appeals Court data.

Large language models for the legal domain. General-purpose language models are likely to be trained on a substantial amount of legal data because much of this data is publicly available on the internet. For example, the FreeLaw dataset includes a large collection of court opinions (Gao et al., 2021). Legal-BERT (Chalkidis et al., 2020) is a BERT-like transformer model that was pretrained on a few hundred thousand legal documents. The more recent SaulLM models (Colombo et al., 2024b;a) adapt the open-weights Mistral (Jiang et al., 2023; 2024) models to the legal domain both by continual pretraining and instruction-tuning on legal text. In contrast to Lawma, we consider SaulLM to be a general-purpose model for the legal domain, not tailored to any specific legal task. Our approach differs significantly; we focus on developing models specialized for annotation tasks of practical interest to empirical legal studies. We demonstrate that specialization is highly effective, with our Lawma models significantly outperforming all other evaluated LLMs. For a discussion on the adoption of large language models in the legal community, refer to Appendix A.

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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.

[COURT OPINION]

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

A. Yes

B. No

Think step by step. At the end, respond with "The final answer is [final_answer]", where [final_answer] is either a single uppercase letter (A-Z) or a numerical value (e.g., 9, 121).
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Figure 3: Example task corresponding to the Supreme Court "precedent alteration" variable.

Data annotation and labeling. Hall & 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 & Talley (2024) estimated that employing human coders would have been approximately ten times more costly.

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

1.3 LIMITATIONS

While our fine-tuned models substantially outperform commercial models, we emphasize that our fine-tuned models are still far from perfect, and the variance in accuracy across tasks 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 the United States or legal systems in other countries.

2 CaselawQA

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 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. 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.

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, see Appendix A.1 for a detailed discussion.

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, and 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 & Spaeth, 2002; Martin & 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 THE CLASSIFICATION TASKS

We use the variables of the USDB and the USCAD to construct a set of classification tasks. 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. The annotations in the USDB and USCAD serve as labels for these classification tasks. For each task, we additionally 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 databases' variable descriptions. See Figure 3 for an example task.

For every case contained in the USDB and the USCAD, 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 match a total of 24,916 court cases, which we divide into a 70%/10%/20% train/validation/test split. That is, models may not train on any of the court cases used for evaluation.

Since many of the classification tasks 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. As a result, a constant classifier that outputs the majority class label will never achieve more than 50% accuracy on any individual task. This results in a more honest measure of model performance, as models cannot attain high accuracy simply because a task is heavily imbalanced. We report in Appendix E results without subsampling of the majority class.

We plot some statistics of the tasks in Figure 4. 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. Our final dataset comprises 718,971 task examples.

To reduce the compute required for evaluating the benchmark, we select at random 5,000 examples from the Supreme Court tasks and 5,000 examples from the Court of Appeals tasks. We include only court cases where the court opinion, including the head matter, contains at least 2,000 characters, ensuring the opinion is at least a few sentences long. These 10,000 task examples comprise the test

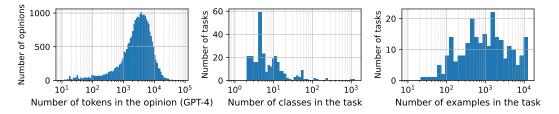


Figure 4: General statistics of the court opinions and legal classification tasks considered.

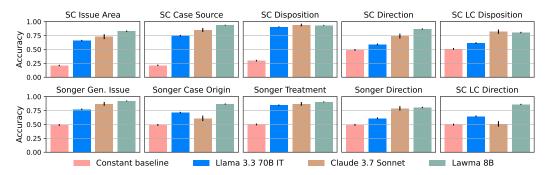


Figure 5: Accuracy of models on ten different legal classification tasks of particular interest.

set of CaselawQA. We nonetheless make available all 143,635 task examples corresponding to the test court cases, which we call the *extended test set*. Evaluating on the extended test set is 14x as expensive, but provides much more fine-grained information on models' performance across all 260 legal classification tasks, rather than simply an aggregate measure of model performance. In this work, we report accuracy on the extended test set, unless otherwise stated.

2.3 EVALUATION METHODOLOGY

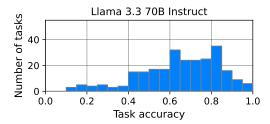
We evaluate models using a prompt template identical to the one for the MMLU benchmark (Hendrycks et al., 2020). Since many popular benchmarks are phrased as multiple-choice questions, recent models tend to do well for them (Dominguez-Olmedo et al., 2024). Due to diverse set of models and large number of tasks under consideration, we perform no prompt tuning.

We use accuracy as the evaluation metric. Given that the tasks we consider involve vastly differing numbers of answer choices, accuracy provides an interpretable measure of performance. Additionally, accuracy is the standard metric used in knowledge-testing LLM benchmarks. For completeness, we also report balanced accuracy and macro-averaged F1 scores in Appendix E.

When reporting aggregate performance across multiple tasks (e.g., all Supreme Court tasks), we compute the average accuracy across all task examples. Intuitively, we can visualize the Supreme Court database as a large table with dimensions corresponding to the number of court cases (rows) and the number of tasks (columns). The aggregate accuracy, in this case, represents the fraction of entries in this table that the model correctly predicts. For completeness, we also report mean task accuracy (i.e., macro-averaging rather than micro-averaging across tasks) in Appendix E.

3 EVALUATION BASELINES

We evaluate the performance of various large language models on CaselawQA, our legal annotation benchmark. Among models with open weights, we select for evaluation the prominent Llama 3 (MetaAI, 2024) and Qwen 2.5 (Yang et al., 2024) instruct model families, and the recently released DeepSeek R1 (Guo et al., 2025) reasoning model. Among commercial models, we evaluate GPT-4o 2024-08-06 (Hurst et al., 2024), o3-mini 2025-01-31 (OpenAI, 2025b) (high reasoning effort), GPT-4.5 Preview 2025-02-27 (OpenAI, 2025a) and Claude 3.7 Sonnet (Anthropic, 2025). We also report the performance of the constant classifier that always predicts the majority class for each



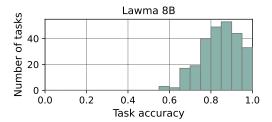
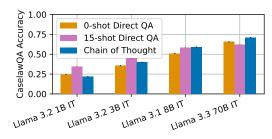


Figure 6: Distribution of task performance for Llama 3.3 70B Instruct and Lawma 8B.



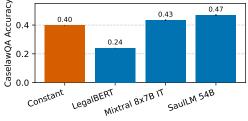


Figure 7: For large models, Chain of Thought prompting outperforms few-shot QA prompting. domain perform poorly on CaselawQA.

Figure 8: General-purpose models for the legal

task, regardless of the Court opinion being labeled. This simple classifier serves as a baseline for non-trivial performance and achieves an accuracy of 40%.

Figure 1 shows the performance of the largest evaluated models, each with at least 70B total parameters. Their accuracy ranges from 70% to 78%, with Claude 3.7 Sonnet achieving the highest performance. All large models outperform the constant classifier baseline by a wide margin. We highlight in Figure 5 the performance of Llama 3.3 70B Instruct and Claude 3.7 Sonnet on ten different tasks of particular importance to empirical legal research. See Appendix B for a description of these highlighted tasks. We observe that performance can be modest even in relatively simple tasks (e.g., < 75% accuracy for the SC Issue Area task). For more complex tasks, Claude 3.7 Sonnet may perform no better than the constant classifier baseline (e.g., for SC LC Direction, that is, identifying the ideological direction of the lower Court's decision).

More broadly, we observe large variance in models' performance across tasks. We plot in Figure 6 left the distribution of tasks' accuracies for Llama 3.3 70B Instruct. While its micro-average accuracy is 71%, it exhibits a reasonably long tail of tasks for which performance is very poor. In fact, for 88 of the tasks (34% of all tasks), Llama 3.3 70B Instruct does not perform significantly better than the trivial constant classifier.

Our evaluations indicate that, while large models generally exhibit non-trivial legal annotation performance, their performance across tasks is highly varied and can be modest even for simple tasks.

Few-shot and Chain of Thought prompting. The predominant alternative to CoT prompting is MMLU-style direct question answering ("Direct QA") prompting, where the model is expected to directly output an answer label (e.g., "A" or "B") without first producing a reasoning chain. One benefit of Direct QA is that it is straightforward to include examples in-context. In contrast, fewshot CoT prompting requires collecting reasoning traces for each of the in-context examples.

We compare in Figure 7 the following prompting strategies: zero-shot direct QA, few-shot direct QA, and zero-shot CoT. We consider the Llama 3 Instruct family of models. For the Llama 3 models, we can typically fit 15 examples in-context, since their maximum context window is 128k tokens and each task example is at most 8k tokens. We observe that for the smaller models (i.e., <3B parameters), few-shot Direct QA performs best. In contrast, for the larger models (i.e., >8B parameters), Chain of Thought is superior. In fact, the largest model evaluated few-shot, Llama 3.3 70B Instruct, does not benefit from including examples in-context.

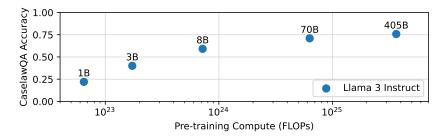


Figure 9: CaselawQA performance as a function of pre-training compute for Llama 3 models of varying scales. Performance improves monotonically with compute, with diminishing returns.

Our results indicate that few-shot prompting is not a fruitful strategy to adapt large models to the legal classification tasks at hand. Since Court opinions tend to be rather lengthy, few examples may fit in-context, potentially preventing the model from improving over the zero-shot baseline.

Language models for the legal domain. We additionally evaluate two prominent LLMs adapted to the legal domain: LegalBERT (Chalkidis et al., 2020), a small BERT-style model pre-trained on legal documents, and SaulLM 54B (Colombo et al., 2024a), a Mixtral 7x8B (Jiang et al., 2024) model adapted to the legal domain both by continual pretraining and instruction-tuning on legal text.

We report their CaselawQA performance in Figure 8. We observe that LegalBERT performs poorly, substantially underperforming the constant classifier baseline. This is unsurprising, as LegalBERT is a very small model by today's standards, with only 110M parameters and a context window of 512 tokens, which most of our Court opinions exceed. Regarding SaulLM 54B, we find that it improves upon its base model–Mixtral 8x7B Instruct– by 4 accuracy points. Nonetheless, its legal annotation performance is poor, and lags that of smaller, generalist models such as Llama 3.1 8B Instruct.

The efficacy of scaling generalist models. Downstream benchmark performance tends to increase with pre-training compute (Wei et al., 2022; MetaAI, 2024; Gadre et al., 2024; Dominguez-Olmedo et al., 2024). We plot in Figure 9 the performance of the Llama 3 Instruct family of models against their pre-training compute. Similarly to Kaplan et al. (2020), we approximate pre-training compute C in FLOPs as $C \approx 6 \cdot N \cdot D$, where N is model size and D is the number of tokens.

We find that accuracy improves monotonically with pre-training compute. However, we observe signs of diminishing returns. Therefore, further scaling pre-training compute will likely only yield moderate improvements in performance, with great financial cost (e.g., the cost of training LLama 3 405B is in the order of tens of millions of U.S. dollars). Further evidence of the limitations of continuing to scale generalist models is that state-of-the-art commercial models such as GPT-4.5 and Claude 3.7 Sonnet show minimal improvements over Llama 3 405B Instruct, see Figure 1.

4 FINE-TUNING AND THE POWER OF SPECIALIZATION

In this section, we present a detailed analysis of how models can be specialized for legal classification tasks. We start by fine-tuning five different models, ranging in size from 135M parameters to 8B parameters, on all 260 legal annotation tasks simultaneously, resulting in our Lawma family of models. We then perform additional fine-tuning experiments highlighting different aspects, its sample efficiency, its generalization to unseen tasks and Courts, and the effect of single task specialization.

4.1 THE LAWMA MODELS

We first fine-tune on *all tasks* simultaneously. We fine-tune the following models: HuggingFace's SmolLM2 (Allal et al., 2025) 135M and 360M Instruct, Llama 3.2 (MetaAI, 2024) 1B and 3B Instruct, and Llama 3.1 8B Instruct. We refer to these models as Lawma 135M, Lawma 360M, Lawma 1B, Lawma 3B, and Lawma 8B, respectively. We fine-tune on the 260 classification tasks comprising CaselawQA. The fine-tuning dataset contains a total of 1.96B tokens. We fine-tune for 3

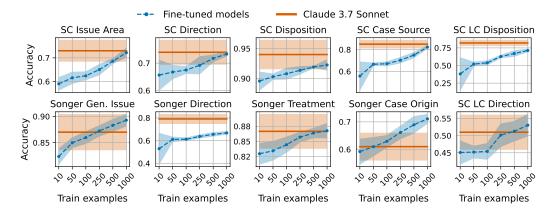


Figure 10: Sample efficiency of fine-tuning Llama 3.1 8B Instruct on a single task. Hundreds of task examples are typically enough to match the zero-shot performance of Claude 3.7 Sonnet. Dashed blue line indicates the accuracy of the fine-tuned model as a function of the number of training examples. The shaded area indicates the 95% confidence interval over the randomly sampled training examples (5 random seeds)

epochs. We find that additional epochs do not significantly improve performance. See Appendix F for additional details regarding the model training.

We compare in Figure 2 the performance of the Lawma models with the largest Llama 3 model, Llama 3 405B, and the best-performing commercial model, Claude 3.7 Sonnet. We observe that performance of the specialized models improves with model size. Remarkably, the smallest specialized model, Lawma 135M, is competitive with both Llama 3 405B and Claude 3.7 Sonnet, while being several orders of magnitude smaller. In addition, the largest Lawma model, Lawma 8B, substantially outperforms Claude 3.7 Sonnet, achieving 87% accuracy on CaselawQA. Moreover, for the 10 legal annotation tasks highlighted in Figure 5, Lawma 8B outperforms Claude 3.7 Sonnet in 7 of them, and matches its performance on the remaining 3. For some of the tasks, the performance improvements are very large. For example, Lawma 8B outperforms Claude 3.7 Sonnet by 30 accuracy points on SC LC Direction and 20 accuracy points on Songer Case Origin.

We plot the distribution of task accuracies of Lawma 8B in Figure 6 right. While generalist models can exhibit a long tail of tasks with very poor performance, Lawma 8B achieves not only higher performance but also smaller variance in its task accuracies, which generally lie in the 75% to 95% accuracy range. Nonetheless, the variance in accuracy across tasks remains reasonably high, and the model performs poorly for a substantial number of tasks.

4.2 Sample efficiency

We study how task accuracy scales as models fine-tune on more training examples. We consider the 10 tasks highlighted in Section B. We fine-tune Llama 3.1 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 10 shows how accuracy improves with the number of training examples. We additionally plot the accuracy of Claude 3.7 Sonnet, the best-performing commercial model. Due to the high cost of evaluating Claude 3.7 Sonnet, we only evaluate 100 examples per task. We observe that hundreds of training examples are enough to match or beat the Claude 3.7 Sonnet baseline for 7 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 & Wright, 2008). With relative few labelled task

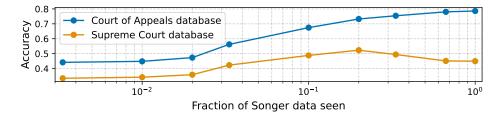


Figure 11: Training on the Court of Appeals tasks improves accuracy on Supreme Court tasks.

examples, fine-tuning reasonably small publicly available models can be competitive with state-of-the-art closed models. Moreover, accuracy continues to improve with additional examples.

4.3 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 11 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 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.

5 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.

The generalist abilities of large language models are vital for commercial APIs, where users are largely restricted to prompting. But as we show, generalist models are 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 weights model, and use the fine-tuned model to annotate the remaining cases.

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.

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A 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 & 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 & Ashley (2023) evaluate the zero-shot performance of GPT-4 on a variety of semantic legal annotation tasks. Engel & Mcadams (2024) ask GPT for the ordinary meaning of statutory terms. In the area of corporate law, Frankenreiter & Talley (2024) use GPT-4 to extract information about the contents of corporate charters.

A.1 POTENTIAL APPLICATIONS OF EFFICIENT SOLUTIONS TO LEGAL CLASSIFICATION TASKS

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 & 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 U.S., low-cost and flexible featurization can also boost efforts to show the geographic diffusion of legal concepts.

B HIGHLIGHTED TASKS

Throughout this paper, as in Figure 5, 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.

C 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.

Table 1 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).

Name	IC Agreement	Adj accuracy	(unadjusted)	Keep
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 1: Intercoder agreement rates, Lawma accuracies, and fraction of the majority class retained in our sample. Rows are sorted in increasing order of agreement rate.

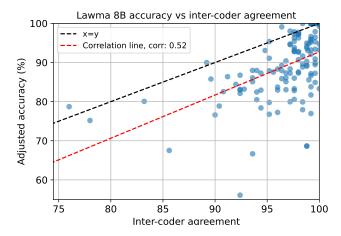


Figure 12: Lawma task accuracy against inter-coder agreement. Lawma

- 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 DI-RECT2), 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.

D 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 B. 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 13 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

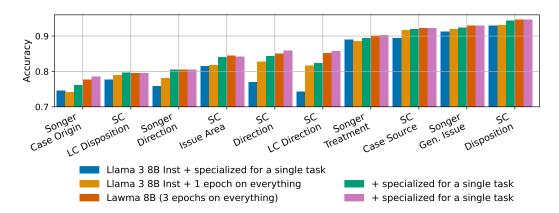


Figure 13: Specializing Lawma 8B to individual tasks can yield small improvements in accuracy.

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.

E ADDITIONAL PERFORMANCE RESULTS

E.1 BALANCED ACCURACY AND MACRO-F1

See Figure 14 and Figure 15 for evaluation results using mean balanced accuracy and mean macro-F1 as the evaluation metric, respectively.

E.2 RESULTS WITHOUT SUBSAMPLING THE MAJORITY CLASS

Figure 16 presents the evaluation results when not subsampling the majority class. Models achieve very hight accuracy on many tasks simply because they correctly identify the majority class.

E.3 AVERAGE TASK ACCURACY RESULTS

Figure 17 presents the results when using mean task accuracy across tasks as the evaluation metric.

E.4 COMPARING LLAMA 70B INSTRUCT AND GPT-4 TO THE CONSTANT CLASSIFIER

Figure 18 illustrates the difference in performance across tasks between GPT-4 and Llama 3 70B Instruct, and the majority class classifier. GPT-4 and Llama 3 70B Instruct perform worse than the constant classifier for dozens of tasks.

¹There 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.

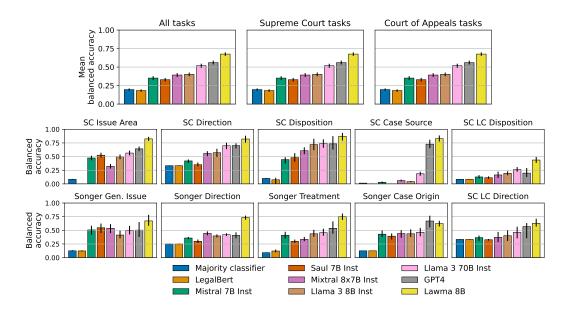


Figure 14: Evaluation results using balanced accuracy as the evaluation metric.

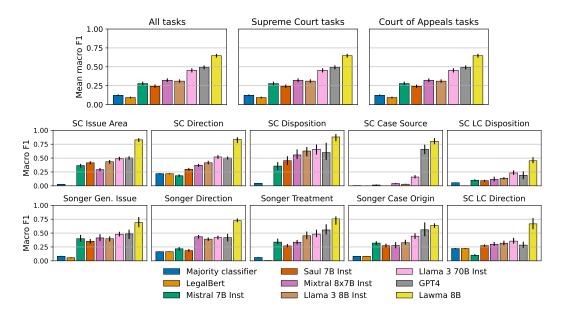


Figure 15: Evaluation results using mean macro-F1 as the evaluation metric.

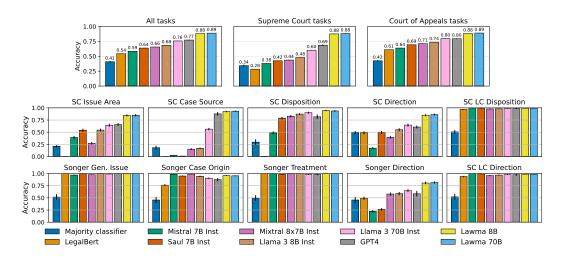


Figure 16: Evaluation results without subsampling the majority class.

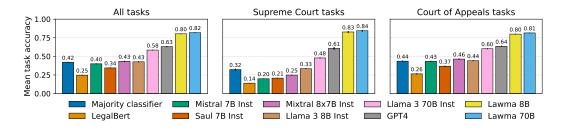


Figure 17: Evaluation results when using mean task accuracy across tasks as the evaluation metric.

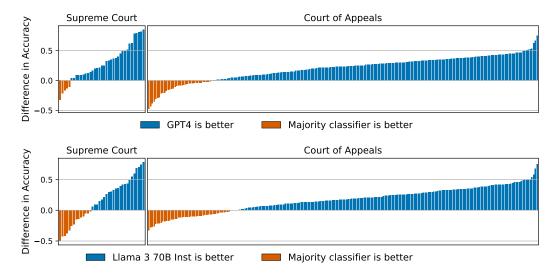


Figure 18: Difference in zero-shot accuracy between GPT4, Llama 3 70B Instruct, and the majority classifier. Each vertical bar represents the accuracy difference on one task, sorted in ascending order.

E.5 CHAIN OF THOUGHT EVALUATION

We follow the standard methodology of eliciting CoT by appending to the prompt "Let's think step by step." Since CoT requires two orders of magnitude more compute for evaluation than the standard QA approach, we only evaluate Llama 3 8B Instruct and Llama 3 70B Instruct. This required over

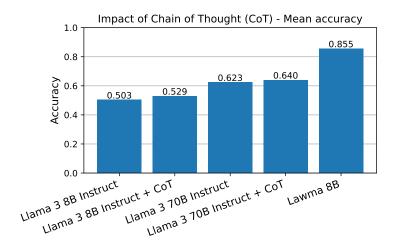


Figure 19: Performance improvements using Chain of Thought (CoT).

500 H100 GPU hours. We observe that CoT leads to modest improvements of performance for both the 8B and 70B model, on average of 2 to 3 accuracy points, see Figure 19. Nonetheless, Lawma 8B still strongly outperforms Llama 3 70B, by over 20 accuracy points.

F 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.

F.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.

F.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.

G LIST OF ALL TASKS

Variable	Question	Sample answer choices
sc_adminaction	What is the agency involved in the administrative action?	Army and Air Force Exchange Service, Atomic Energy Commission, Secretary or administrative unit or personnel of the U.S. Air Force
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), ju- dicial 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, af- firmed (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 unconsti-	No declaration of unconstitutionality,
	tutional an act of Congress; a state or territorial statute, regula- tion, or constitutional provision; or a municipal or other local or- dinance?	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: fugi- tive from justice, self-incrimination, immunity from prosecution, cruel and unusual punishment, 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 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., 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 be- tween states, boundary dispute be- tween states
sc_issue_12	What is the issue of the decision?	federal taxation, typically under provisions of the Internal Revenue Code, federal taxation, typically under provisions of the Internal 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 in- vasions of privacy, parochiaid: govern- ment aid to religious schools, or reli- gious requirements in public schools, First Amendment, miscellaneous (cf. comity: First Amendment)
sc_issue_4	What is the issue of the decision?	due process: takings clause, or other non-constitutional governmental tak- ing of property, due process: miscel- laneous (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 re- lated federal or state statutes or regu- lations, abortion: including contracep- tives, abortion: including contracep- tives
sc_issue_6	What is the issue of the decision?	attorneys' and governmental employ- ees' or officials' fees or compensation or licenses, commercial speech, attor- neys (cf. commercial speech), attor- neys' and governmental employees' or officials' fees or compensation or li- censes

sc_issue_7	What is the issue of the decision?	labor-management disputes: right to
		organize, union-union member dis-
		pute (except as pertains to union or
		closed shop), labor-management dis-
		putes: employee discharge
ga iggua 9	What is the issue of the decision?	natural resources - environmental pro-
sc_issue_8	what is the issue of the decision?	
		tection (cf. national supremacy: natu
		ral resources, national supremacy: pol
		lution), 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 administra
		tion: review of non-final order, judicia
		administration: jurisdiction or author-
		ity of federal district courts or territo-
		1 3
		rial courts
sc_issuearea	What is the issue area of the de-	Criminal Procedure, Civil Rights, Firs
	cision?	Amendment
sc_jurisdiction	What is the manner in which the	cert, appeal, bail
se-jansarenen	Court took jurisdiction?	cert, appear, carr
11:		Yes, No
sc_lcdisagreement	Does the court opinion mention	ies, No
	that one or more of the mem-	
	bers of the court whose decision	
	the Supreme Court reviewed dis-	
	sented?	
sc_lcdisposition	What treatment did the court	stay, petition, or motion granted, af
sc_icdisposition		
	whose decision the Supreme	firmed, reversed
	Court reviewed accorded the de-	
	cision of the court it reviewed?	
sc_lcdispositiondirection	n What is the ideological direction	Conservative, Liberal, Unspecifiable
1	of the decision reviewed by the	, , , ,
	Supreme Court?	
		V N-
sc_partywinning	Consider that the petitioning	Yes, No
	party lost if the Supreme Court	
	affirmed or dismissed the case, or	
	denied the petition. Consider that	
	the petitioning 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 peti-	
	tioning win the case?	1 6 4 77 1 1 6
sc_petitioner	Who is the petitioner of the case?	attorney general of the United States
		or his office, specified state board o
		department of education, city, town
		township, village, or borough govern
		ment or governmental unit
sa natitionaestata	What state is associated with the	
sc_petitionerstate		Alabama, Alaska, American Samoa
	petitioner?	
sc_precedentalteration	Did the the decision of the court	Yes, No
	overrule one or more of the	
	Court's own precedents?	
sa rasnandent		attorney general of the United States
sc_respondent	Who is the respondent of the	attorney general of the United States
	case?	or his office, specified state board o
		department of education, city, town
		township, village, or borough govern
		ment or governmental unit
sc respondentistate	What state is associated with the	Alahama Alacka American Samoa
sc_respondentstate	What state is associated with the respondent?	Alabama, Alaska, American Samoa

sc_threejudgefdc	Was the case heard by a three-	Yes, No
	judge federal district court?	
songer_abusedis	Did the court conclude that it	No, Yes, Mixed answer
	should defer to agency discre-	
	tion? For example, if the action	
	was committed to agency discre-	
	tion.	
songer_adminrev	What federal agency's decision	Benefits Review Board, Civil Aero-
	was reviewed by the court of ap-	nautics Board, Civil Service Commis-
	peals?	sion
songer_agen_acq	Did the court rule for the govern-	No, Yes, Mixed answer
songer_agen_acq	ment in an issue related to agency	110, 103, Mixed answer
	acquisition of information (e.g.	
	physical inspections, searches,	
1.	subpoenas, records, etc)?	N. W. M. I
songer_alj	Did the court support the de-	No, Yes, Mixed answer
	cision of an administrative law	
	judge?	
songer_altdisp	Did the court's ruling on an is-	No, Yes, Mixed answer
	sue arising out of an alternative	
	dispute resolution process (ADR,	
	settlement conference, role of	
	mediator or arbitrator, etc.) favor	
	the appellant?	
songer_amicus	Was there any amicus participa-	no amicus participation on either side,
	tion before the court of appeals?	1 separate amicus brief was filed, 2
	tion seriore the court of appears.	separate amicus briefs were filed
songer_app_stid	What is the state of the first listed	not, Alabama, Alaska
songer_app_stru	state or local government agency	not, Mabana, Maska
	that is an appellant?	
sanaan annhus	What is the total number of ap-	N/A
songer_appbus		IN/A
	pellants in the case that fall into	
	the category "private business and its executives"? Answer with	
	a number.	
songer_appel1_1_2	a number. This question concerns the first	local, neither local nor national, na-
songer_appel1_1_2	a number. This question concerns the first listed appellant. The nature of	local, neither local nor national, national or multi-national
songer_appel1_1_2	a number. This question concerns the first listed appellant. The nature of this litigant falls into the cate-	
songer_appel1_1_2	a number. This question concerns the first listed appellant. The nature of this litigant falls into the category "private business (including	
songer_appel1_1_2	a number. This question concerns the first listed appellant. The nature of this litigant falls into the category "private business (including criminal enterprises)". What is	
songer_appel1_1_2	a number. This question concerns the first listed appellant. The nature of this litigant falls into the category "private business (including	
songer_appel1_1_2	a number. This question concerns the first listed appellant. The nature of this litigant falls into the category "private business (including criminal enterprises)". What is	
	a number. 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? This question concerns the first	tional or multi-national
	a number. 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? This question concerns the first listed appellant. The nature of	tional or multi-national
	a number. 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? This question concerns the first listed appellant. The nature of this litigant falls into the cate-	tional or multi-national
	a number. 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? This question concerns the first listed appellant. The nature of this litigant falls into the category "private business (including	tional or multi-national
	a number. 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? This question concerns the first listed appellant. The nature of this litigant falls into the category "private business (including criminal enterprises)". What cat-	tional or multi-national
	a number. 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? 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	tional or multi-national
	a number. 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? 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	tional or multi-national
songer_appel1_1_3	a number. 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? 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
	a number. 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? 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? This question concerns the first	agriculture, mining, construction single family farm, commercial farm,
songer_appel1_1_3	a number. 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? 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? This question concerns the first listed appellant. The nature of	agriculture, mining, construction
songer_appel1_1_3	a number. 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? 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? This question concerns the first listed appellant. The nature of this litigant falls into the cate-	agriculture, mining, construction single family farm, commercial farm,
songer_appel1_1_3	a number. 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? 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? This question concerns the first listed appellant. The nature of this litigant falls into the category "private business (including	agriculture, mining, construction single family farm, commercial farm,
songer_appel1_1_3	a number. 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? 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? This question concerns the first listed appellant. The nature of this litigant falls into the category "private business (including criminal enterprises)", specifi-	agriculture, mining, construction single family farm, commercial farm,
songer_appel1_1_3	a number. 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? 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? This question concerns the first listed appellant. The nature of this litigant falls into the category "private business (including criminal enterprises)", specifically "agriculture". What subcat-	agriculture, mining, construction single family farm, commercial farm,
songer_appel1_1_3	a number. 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? 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? This question concerns the first listed appellant. The nature of this litigant falls into the category "private business (including criminal enterprises)", specifi-	agriculture, mining, construction single family farm, commercial farm,

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
songer_appel1_5_3	This question concerns the first 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

11.5.0	T my :	
songer_appel1_7_2	This question concerns the first listed appellant. 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_appel1_7_3	This question concerns the first listed appellant. 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_appel1_7_4	This question concerns the first listed appellant. 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
songer_appel1_7_5	This question concerns the first listed appellant. 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)". Which of these categories best describes the income of the litigant?	not ascertained, poor + wards of state, presumed poor
songer_appel1_8_2	This question concerns the first listed appellant. The nature of this litigant falls into the category "miscellaneous". Which of the following categories best describes the litigant?	fiduciary, executor, or trustee, other, nature of the litigant not ascertained
songer_appel1_8_3	This question concerns the first listed appellant. The nature of this litigant falls into the category "miscellaneous", specifically "fiduciary, executor, or trustee". Which of the following specific subcategories best describes the litigant?	trustee in bankruptcy - institution, trustee in bankruptcy - individual, ex- ecutor or administrator of estate - in- stitution
songer_appel2_1_2	This question concerns the second 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

12 1 2	Th:4: 41	
songer_appel2_1_3	This question concerns the second 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_appel2_1_4	This question concerns the sec- ond listed appellant. The na- ture of this litigant falls into the category "private business (including criminal enterprises)", specifically "agriculture". What subcategory of business best de- scribes this litigant?	single family farm, commercial farm, agri-business, farm - other
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 songer_appel2_5_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)", specifically "legislative". Which specific substate government agency best describes this litigant? This question concerns the second	City/county council, School Board, board of trustees for college or junior college, Other legislative body legislative, executive/administrative,
10.50	ond 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?	bureaucracy providing services
songer_appel2_5_3	This question concerns the sec- ond listed appellant. The nature of this litigant falls into the cate- gory "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_appel2_7_2	This question concerns the second listed appellant. 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_appel2_7_3	This question concerns the second listed appellant. 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_appel2_7_4	This question concerns the second listed appellant. 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

songer_appel2_7_5	This question concerns the sec-	not ascertained, poor + wards of state,
333397777	ond listed appellant. The nature	presumed poor
		presumed poor
	of this litigant falls into the cat-	
	egory "natural person (excludes	
	persons named in their official	
	capacity or who appear because	
	of a role in a private organiza-	
	tion)". Which of these categories	
	best describes the income of the	
	litigant?	
songer_appel2_8_2	This question concerns the sec-	fiduciary, executor, or trustee, other,
songer apper21012	ond listed appellant. The nature	nature of the litigant not ascertained
	ond fisted appenant. The nature	nature of the intigant not ascertained
	of this litigant falls into the cate-	
	gory "miscellaneous". Which of	
	the following categories best de-	
	scribes the litigant?	
songer_appel2_8_3	This question concerns the sec-	trustee in bankruptcy - institution,
songer_apper2_6_5		
	ond listed appellant. The nature	trustee in bankruptcy - individual, ex-
	of this litigant falls into the cat-	ecutor or administrator of estate - in-
	egory "miscellaneous", specif-	stitution
	ically "fiduciary, executor, or	
	trustee". Which of the following	
	specific subcategories best de-	
	scribes the litigant?	
songer_appfed	What is the total number of ap-	N/A
	pellants in the case that fall into	
	the category "the federal gov-	
	ernment, its agencies, and offi-	
	cialss"? Answer with a number.	27/
songer_appfiduc	What is the total number of ap-	N/A
	pellants in the case that fall into	
	the category "fiduciaries"? An-	
	swer with a number.	
songer_applfrom	What is the type of district court	Trial (either jury or bench trial), In-
songer_appinom		
	decision or judgment appealed	junction or denial of injunction or stay
	from (i.e., the nature of the deci-	of injunction, Summary judgment or
	sion below in the district court)?	denial of summary judgment
songer_appnatpr	What is the total number of ap-	N/A
songer supprimepr	pellants in the case that fall into	1,111
	the category "natural persons"?	
	Answer with a number.	
songer_appnonp	What is the total number of ap-	N/A
	pellants in the case that fall into	
	the category "groups and associ-	
	ations"? Answer with a number.	
		NI/A
songer_appstate	What is the total number of ap-	N/A
	pellants in the case that fall into	
	the category "state governments,	
	their agencies, and officials"?	
	Answer with a number.	
20m20m		N/A
songer_appsubst	What is the total number of ap-	IN/A
	pellants in the case that fall into	
	the category "sub-state govern-	
	ments, their agencies, and offi-	
	cials"? Answer with a number.	
songer ettyfes		No Ves Mixed engager
songer_attyfee	Did the court's ruling on attor-	No, Yes, Mixed answer
	neys' fees favor the appellant?	
songer_bank_app1	Is the first listed appellant	Yes, No
	bankrupt?	
songer_bank_app2	Is the second listed appellant	Yes, No
3011501 - Junik - app2	bankrupt?	150,110
1 1 1		X N
songer_bank_r1	Is the first listed respondent	Yes, No
	bankrupt?	

songer_bank_r2	Is the second listed respondent	Yes, No
songer_capric	bankrupt? Did the courts's use or interpretation of the arbitrary and capri-	No, Yes, Mixed answer
	cious standard support the gov- ernment? Note that APA allows	
	courts to overturn agency actions deemed to be arbitrary or capri-	
	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 jus-	
songer_casetyp1_1-2	tification" doctrine. What is the specific issue in the	federal offense, state offense, not de-
	case within the general category of "issue"?	termined whether state or federal of- fense
songer_casetyp1_1-3- 1	What is the specific issue in the case within the general category of "issue"?	murder, rape, arson
songer_casetyp1_1-3- 2	What is the specific issue in the case within the general category of "issue"?	murder, rape, arson
songer_casetyp1_1-3-3	What is the specific issue in the case within the general category of "issue"?	murder, rape, arson
songer_casetyp1_2-2	What is the specific issue in the case within the general category of "issue"?	civil rights claims by prisoners and those accused of crimes, voting rights, race discrimination, sex discrimina- tion, other civil rights
songer_casetyp1_2-3- 1	What is the specific issue in the case within the general category of "issue"?	suit for damages for false arrest or false confinement, cruel and unusual pun- ishment, due process rights in prison
songer_casetyp1_2-3- 2	What is the specific issue in the case within the general category of "issue"?	voting rights - reapportionment & districting, 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"?	alien petitions - (includes disputes over attempts 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"?	religion, press, 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 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 (in- cludes corporate and parnership)
songer_casetyp1_7-3-	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, land- lord - 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 ex- plicity discusses conflict of state power vs federal power), attorneys (disbar- ment; 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
songer_civproc1	What is the most frequently cited federal rule of civil procedure in the headnotes to this case? Answer with a number.	N/A
songer_civproc2	What is the second most frequently cited federal rule of civil procedure in the headnotes to this case? Answer with a number.	N/A

songer_classact	Is the case described in the opinion as a class action suit?	No, Yes
songer_comment	Did the agency give proper opportunity to comment?	No, Yes, Mixed answer
songer_concur	What is the number of judges who concurred in the result but not in the opinion of the court?	0, 1, 2
songer_confess	Did the court conclude that a confession or an incriminating statement was improperly admitted? Consider only incriminating statements made by the defendant.	No, Yes, Yes, but error was harmless
songer_const1	What is the most frequently cited provision 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 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.	N/A
songer_const2	What is the second most frequently cited provision 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 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.	N/A
songer_constit	Did the court's conclusion about the constitutionality of a law or administrative action favor the appellant?	Issue not discussed, The issue was discussed in the opinion and the resolution of the issue by the court favored the respondent, 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 inadequate counsel?	No, Yes, Yes, but error was harmless
songer_counsel1	What is the nature of the counsel for the appellant?	none (pro se), court appointed, legal aid or public defender
songer_counsel2	What is the nature of the counsel for the respondent?	none (pro se), court appointed, legal aid or public defender
songer_crmproc1	What is the most frequently cited federal rule of criminal procedure in the headnotes to this case? Answer with a number.	N/A
songer_crmproc2	What is the second most frequently cited federal rule of criminal procedure in the headnotes to this case? Answer with a number.	N/A

songer_crossapp	Were there cross appeals from the decision below to the court of appeals that were consolidated in	No, Yes, Not ascertained
	the present case?	
songer_deathpen	Did the court conclude that the death penalty was improperly imposed? Consider only the validity of the sentence, rather than whether or not the conviction was proper.	No, Yes, Yes, but error was harmless
songer_decuncon	Did the court declare any statute or administrative action unconstitutional?	no declarations of unconstitutionality, act of Congress declared unconsti- tutional (facial invalidity), interpreta- tion/application of federal law invalid
songer_denovo	Did the court's use of the standard of review, "de 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.	No, Yes, Mixed answer
songer_direct1	What is the ideological directionality of the court of appeals decision?	conservative, liberal, mixed
songer_direct2	What is the ideological directionality of the court of appeals decision?	conservative, liberal, mixed
songer_discover	Did the court's interpretation of rules relating to discovery or other issues related to obtaining evidence favor the appellant?	No, Yes, Mixed answer
songer_dissent	What is the number of judges who dissented from the majority?	0, 1, 2
songer_district	From which district in the state was this case appealed?	Not applicable, Eastern, Western
songer_diverse	Did the court conclude that the parties were truly diverse?	No, Yes, Mixed answer
songer_dueproc	Did the interpretation of the requirements of due process by the court favor the appellant?	No, Yes, Mixed answer
songer_entrap	Did the court rule that the defendant was the victim of illegal entrapment?	No, Yes, Yes, but error was harmless
songer_erron	Did the court's use of the clearly erroneous standard support the government? That is, a somewhat narrower standard than substantial evidence, or ignoring usual agency standards.	No, Yes, Mixed answer
songer_execord	Did the interpretation of executive order or administrative regulation by the court favor the appellant? This does include whether or not an executive order was lawful.	No, Yes, Mixed answer

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songer_exhaust	Did the court determine that it	No, Yes, Mixed answer
	would not hear 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	No, Yes, Mixed answer
	statute by the court favor the ap-	
	pellant?	
songer_fedvst	Did the court rule that federal law	No, Yes, Mixed answer
· ·	should take precedence over state	, ,
	or local laws in a case involving	
	the conflict of laws (i.e, which	
	laws or rules apply)?	
songer_foreign	Did the court rule that domes-	No, Yes, Mixed answer
songer_roreign	tic law (federal, state or local)	110, 103, Wilked allower
	should take precedence over for-	
	eign law in a case involving the conflict of laws (i.e., which laws	
	` ′	
	or rules apply- foreign country vs	
	federal, state, or local)?	
songer_freeinfo	Did the court rule in favor of the	No, Yes, Mixed answer
	government when the adminis-	
	trative action in question related	
	to the agency's providing infor-	
	mation to those who request it?	
	For example, Freedom of Infor-	
	mation, issues of governmental	
	confidentiality, or "government	
	in the sunshine".	
songer_frivapp	Did the court conclude that it	No, Yes, Mixed answer
77-8	could not reach the merits of the	
	case because the motion or ap-	
	peal was frivolous or raised only	
	trivial issues and was therefore	
	not suitable for appellate review?	
samaan fuirsal	Did the court conclude that either	No, Yes, Mixed answer
songer_frivol		No, 1es, Mixed allswer
	the original case was frivolous	
	or raised only trivial issues and	
	therefore was not suitable for ac-	
	tions on the merits?	
songer_genapel1	What is the nature of the first	private business (including criminal
	listed appellant?	enterprises), private organization or as-
		sociation, federal government (includ-
		ing DC)
songer_genapel2	What is the nature of the sec-	private business (including criminal
	ond listed appellant whose de-	enterprises), private organization or as-
	tailed code is not identical to the	sociation, federal government (includ-
	code for the first listed appellant?	ing DC)
songer_geniss	What is the general issue in the	criminal, civil rights, First Amendment
songer_gemiss	case?	criminar, civii rigitts, riist Amenument
congor gomesm1		neivoto huginoss (includino orii1
songer_genresp1	What is the nature of the first	private business (including criminal
	listed respondent?	enterprises), private organization or as-
		sociation, federal government (includ-
		ing DC)
songer_genresp2	What is the nature of the second	private business (including criminal
	listed respondent whose detailed	enterprises), private organization or as-
	code is not identical to the code	sociation, federal government (includ-
	for the first listed respondent?	ing DC)

. 1	D:14	N. X. X. 1
songer_genstand	Did the agency articulate the ap-	No, Yes, Mixed answer
	propriate general standard? This	
	question includes whether the	
	agency interpreted the statute	
	"correctly". The courts often re-	
	fer here to the rational basis test,	
	plain meaning, reasonable con-	
	struction of the statute, congres-	
	sional intent, etc. This issue	
	*	
	also includes question of which	
	law applies or whether amended	
	law vs law before amendment ap-	
	plies.	
songer_habeas	Was the case an appeal of a de-	no, yes, state habeas corpus (criminal),
	cision by the district court on a	yes, federal habeas corpus (criminal)
	petition for habeas corpus?	
songer_immunity	Did the court refuse to reach the	No, Yes, Mixed answer
3011ger_illillidility	merits of the appeal because it	110, 103, WIIACH HISWEI
	concluded that the defendant had	
	immunity?	NI X/ X/ I /
songer_improper	Did the court conclude that there	No, Yes, Yes, but error was harmless
	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.	
songer_indict	Did the court rule that the indict-	No, Yes, Yes, but error was harmless
Soliger_indict	ment was defective?	100, 103, 103, but ciror was narmiess
	Did the court rule that the defen-	No Voc Voc but amon and be amoles.
songer_indigent		No, Yes, Yes, but error was harmless
	dant's rights as an indigent were	
	violated?	
songer_initiate	What party initiated the appeal?	Original plaintiff, Original defendant,
		Federal agency representing plaintiff
songer_injunct	Did the court's ruling on the va-	No, Yes, Mixed answer
	lidity of an injunction or the de-	
	nial of an injunction or a stay of	
	injunction favor the appellant?	
concer incone	Did the court below err in not	No, Yes, Yes, but error was harmless
songer_insane		ino, ies, ies, out error was narmless
	permitting an insanity defense?	
songer_int_law	Did the court rule in favor of the	No, Yes, Mixed answer
	appellant on an issue related to	
	the interpretation of a treaty or in-	
	ternational law?	
songer_interven	Did one or more individuals or	no intervenor in case, intervenor = ap-
	groups seek to formally intervene	pellant, intervenor = respondent
	in the appeals court consideration	r sopondon
	of the case?	
songer_judgdisc	Did the court's ruling on the	No, Yes, Mixed answer
songer_judguise		TVO, TES, IVITACU AIISWEI
	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.	
	aummisuative jaw intiges.	

songer_judrev	Did the court conclude the deci-	No, Yes, Mixed answer
	sion was subject to judicial re-	
	view? While questions of fact are	
	subject to limited review, ques-	
	tions of law are subject to full re-	
	view. The problem becomes de-	
	termining which are clear ques-	
	tions of law or fact as they are of-	
	ten "mixed".	
songer_jurisdiction	Did the court determine that it	No, Yes, Mixed answer
	had jurisdiction to hear this case?	
songer_juryinst	Did the court conclude that the	No, Yes, Yes, but error was harmless
2 3 3	jury instructions were improper?	
songer_late	Did the court refuse to decide	No, Yes, Mixed answer
5011ger=tate	the appeal because the appellant	110, 100, Mined and Wel
	failed to comply with some rule	
	relating to timeliness of the ap-	
	peal?	
songer_majvotes	What is the number of judges	0, 1, 2
songer majvotes	what is the humber of judges who voted in favor of the dispo-	0, 1, 2
congar mathed	sition favored by the majority?	decided by penal for first time (no in
songer_method	What is the nature of the proceed-	decided by panel for first time (no in-
	ing in the court of appeals for this	dication of re-hearing or remand), de-
	case?	cided by panel after re-hearing (second
		time this case has been heard by this
		same panel), decided by panel after re-
		mand from Supreme Court
songer_mootness	Did the court conclude that an is-	No, Yes, Mixed answer
0		
6	sue was moot?	
songer_notice	sue was moot? Decisions that affect life, liberty,	No, Yes, Mixed answer
-	Decisions that affect life, liberty,	No, Yes, Mixed answer
-	Decisions that affect life, liberty, or property must be preceded by	No, Yes, Mixed answer
-	Decisions that affect life, liberty, or property must be preceded by adequate notice and an opportu-	No, Yes, Mixed answer
_	Decisions that affect life, liberty, or property must be preceded by adequate notice and an opportunity for a fair hearing. Did the	No, Yes, Mixed answer
songer_notice	Decisions that affect life, liberty, or property must be preceded by adequate notice and an opportunity for a fair hearing. Did the agency give proper notice?	No, Yes, Mixed answer
_	Decisions that affect life, liberty, or property must be preceded by adequate notice and an opportunity for a fair hearing. Did the agency give proper notice? What is the total number of ap-	
songer_notice	Decisions that affect life, liberty, or property must be preceded by adequate notice and an opportunity for a fair hearing. Did the agency give proper notice? What is the total number of appellants in the case? Answer with	
songer_notice songer_numappel	Decisions that affect life, liberty, or property must be preceded by adequate notice and an opportunity for a fair hearing. Did the agency give proper notice? What is the total number of appellants in the case? Answer with a number.	N/A
songer_notice	Decisions that affect life, liberty, or property must be preceded by adequate notice and an opportunity for a fair hearing. Did the agency give proper notice? What is the total number of appellants in the case? Answer with a number. What is the total number of re-	
songer_notice songer_numappel	Decisions that affect life, liberty, or property must be preceded by adequate notice and an opportunity for a fair hearing. Did the agency give proper notice? What is the total number of appellants in the case? Answer with a number. What is the total number of respondents in the case? Answer	N/A
songer_notice songer_numappel songer_numresp	Decisions that affect life, liberty, or property must be preceded by adequate notice and an opportunity for a fair hearing. Did the agency give proper notice? What is the total number of appellants in the case? Answer with a number. What is the total number of respondents in the case? Answer with a number.	N/A N/A
songer_notice songer_numappel	Decisions that affect life, liberty, or property must be preceded by adequate notice and an opportunity for a fair hearing. Did the agency give proper notice? What is the total number of appellants in the case? Answer with a number. What is the total number of respondents in the case? Answer with a number. Is the opinion writer identified in	N/A N/A Signed, with reasons, Per curiam, with
songer_notice songer_numappel songer_numresp	Decisions that affect life, liberty, or property must be preceded by adequate notice and an opportunity for a fair hearing. Did the agency give proper notice? What is the total number of appellants in the case? Answer with a number. What is the total number of respondents in the case? Answer with a number. Is the opinion writer identified in the opinion, or was the opinion	N/A N/A
songer_numappel songer_numresp songer_opinstat	Decisions that affect life, liberty, or property must be preceded by adequate notice and an opportunity for a fair hearing. Did the agency give proper notice? What is the total number of appellants in the case? Answer with a number. What is the total number of respondents in the case? Answer with a number. Is the opinion writer identified in the opinion, or was the opinion per curiam?	N/A N/A Signed, with reasons, Per curiam, with reasons, Not ascertained
songer_notice songer_numappel songer_numresp	Decisions that affect life, liberty, or property must be preceded by adequate notice and an opportunity for a fair hearing. Did the agency give proper notice? What is the total number of appellants in the case? Answer with a number. What is the total number of respondents in the case? Answer with a number. Is the opinion writer identified in the opinion, or was the opinion per curiam? What type of court made the orig-	N/A N/A Signed, with reasons, Per curiam, with reasons, Not ascertained Federal district court (single judge), 3
songer_notice songer_numappel songer_numresp songer_opinstat songer_origin	Decisions that affect life, liberty, or property must be preceded by adequate notice and an opportunity for a fair hearing. Did the agency give proper notice? What is the total number of appellants in the case? Answer with a number. What is the total number of respondents in the case? Answer with a number. Is the opinion writer identified in the opinion, or was the opinion per curiam? What type of court made the original decision?	N/A N/A Signed, with reasons, Per curiam, with reasons, Not ascertained Federal district court (single judge), 3 judge district court, State court
songer_notice songer_numappel songer_numresp songer_opinstat	Decisions that affect life, liberty, or property must be preceded by adequate notice and an opportunity for a fair hearing. Did the agency give proper notice? What is the total number of appellants in the case? Answer with a number. What is the total number of respondents in the case? Answer with a number. Is the opinion writer identified in the opinion, or was the opinion per curiam? What type of court made the original decision? Did the court rule that some ev-	N/A N/A Signed, with reasons, Per curiam, with reasons, Not ascertained Federal district court (single judge), 3
songer_notice songer_numappel songer_numresp songer_opinstat songer_origin	Decisions that affect life, liberty, or property must be preceded by adequate notice and an opportunity for a fair hearing. Did the agency give proper notice? What is the total number of appellants in the case? Answer with a number. What is the total number of respondents in the case? Answer with a number. Is the opinion writer identified in the opinion, or was the opinion per curiam? What type of court made the original decision? Did the court rule that some evidence, other than a confession	N/A N/A Signed, with reasons, Per curiam, with reasons, Not ascertained Federal district court (single judge), 3 judge district court, State court
songer_notice songer_numappel songer_numresp songer_opinstat songer_origin	Decisions that affect life, liberty, or property must be preceded by adequate notice and an opportunity for a fair hearing. Did the agency give proper notice? What is the total number of appellants in the case? Answer with a number. What is the total number of respondents in the case? Answer with a number. Is the opinion writer identified in the opinion, or was the opinion per curiam? What type of court made the original decision? Did the court rule that some evidence, other than a confession made by the defendant or ille-	N/A N/A Signed, with reasons, Per curiam, with reasons, Not ascertained Federal district court (single judge), 3 judge district court, State court
songer_notice songer_numappel songer_numresp songer_opinstat songer_origin	Decisions that affect life, liberty, or property must be preceded by adequate notice and an opportunity for a fair hearing. Did the agency give proper notice? What is the total number of appellants in the case? Answer with a number. What is the total number of respondents in the case? Answer with a number. Is the opinion writer identified in the opinion, or was the opinion per curiam? What type of court made the original decision? Did the court rule that some evidence, other than a confession	N/A N/A Signed, with reasons, Per curiam, with reasons, Not ascertained Federal district court (single judge), 3 judge district court, State court
songer_notice songer_numappel songer_numresp songer_opinstat songer_origin	Decisions that affect life, liberty, or property must be preceded by adequate notice and an opportunity for a fair hearing. Did the agency give proper notice? What is the total number of appellants in the case? Answer with a number. What is the total number of respondents in the case? Answer with a number. Is the opinion writer identified in the opinion, or was the opinion per curiam? What type of court made the original decision? Did the court rule that some evidence, other than a confession made by the defendant or ille-	N/A N/A Signed, with reasons, Per curiam, with reasons, Not ascertained Federal district court (single judge), 3 judge district court, State court
songer_notice songer_numappel songer_numresp songer_opinstat songer_origin	Decisions that affect life, liberty, or property must be preceded by adequate notice and an opportunity for a fair hearing. Did the agency give proper notice? What is the total number of appellants in the case? Answer with a number. What is the total number of respondents in the case? Answer with a number. Is the opinion writer identified in the opinion, or was the opinion per curiam? What type of court made the original decision? 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 appro-	N/A N/A Signed, with reasons, Per curiam, with reasons, Not ascertained Federal district court (single judge), 3 judge district court, State court
songer_notice songer_numappel songer_numresp songer_opinstat songer_origin	Decisions that affect life, liberty, or property must be preceded by adequate notice and an opportunity for a fair hearing. Did the agency give proper notice? What is the total number of appellants in the case? Answer with a number. What is the total number of respondents in the case? Answer with a number. Is the opinion writer identified in the opinion, or was the opinion per curiam? What type of court made the original decision? 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	N/A N/A Signed, with reasons, Per curiam, with reasons, Not ascertained Federal district court (single judge), 3 judge district court, State court
songer_notice songer_numappel songer_numresp songer_opinstat songer_origin songer_othadmis	Decisions that affect life, liberty, or property must be preceded by adequate notice and an opportunity for a fair hearing. Did the agency give proper notice? What is the total number of appellants in the case? Answer with a number. What is the total number of respondents in the case? Answer with a number. Is the opinion writer identified in the opinion, or was the opinion per curiam? What type of court made the original decision? 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)?	N/A N/A Signed, with reasons, Per curiam, with reasons, Not ascertained Federal district court (single judge), 3 judge district court, State court No, Yes, Yes, but error was harmless
songer_notice songer_numappel songer_numresp songer_opinstat songer_origin	Decisions that affect life, liberty, or property must be preceded by adequate notice and an opportunity for a fair hearing. Did the agency give proper notice? What is the total number of appellants in the case? Answer with a number. What is the total number of respondents in the case? Answer with a number. Is the opinion writer identified in the opinion, or was the opinion per curiam? What type of court made the original decision? 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)? Did the court refuse to rule on	N/A N/A Signed, with reasons, Per curiam, with reasons, Not ascertained Federal district court (single judge), 3 judge district court, State court
songer_notice songer_numappel songer_numresp songer_opinstat songer_origin songer_othadmis	Decisions that affect life, liberty, or property must be preceded by adequate notice and an opportunity for a fair hearing. Did the agency give proper notice? What is the total number of appellants in the case? Answer with a number. What is the total number of respondents in the case? Answer with a number. Is the opinion writer identified in the opinion, or was the opinion per curiam? What type of court made the original decision? 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)? Did the court refuse to rule on the merits of the appeal because	N/A N/A Signed, with reasons, Per curiam, with reasons, Not ascertained Federal district court (single judge), 3 judge district court, State court No, Yes, Yes, but error was harmless
songer_notice songer_numappel songer_numresp songer_opinstat songer_origin songer_othadmis	Decisions that affect life, liberty, or property must be preceded by adequate notice and an opportunity for a fair hearing. Did the agency give proper notice? What is the total number of appellants in the case? Answer with a number. What is the total number of respondents in the case? Answer with a number. Is the opinion writer identified in the opinion, or was the opinion per curiam? What type of court made the original decision? 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)? Did the court refuse to rule on the merits of the appeal because of some threshold issue other	N/A N/A Signed, with reasons, Per curiam, with reasons, Not ascertained Federal district court (single judge), 3 judge district court, State court No, Yes, Yes, but error was harmless
songer_notice songer_numappel songer_numresp songer_opinstat songer_origin songer_othadmis	Decisions that affect life, liberty, or property must be preceded by adequate notice and an opportunity for a fair hearing. Did the agency give proper notice? What is the total number of appellants in the case? Answer with a number. What is the total number of respondents in the case? Answer with a number. Is the opinion writer identified in the opinion, or was the opinion per curiam? What type of court made the original decision? 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)? Did the court refuse to rule on the merits of the appeal because of some threshhold issue other than timeliness or frivolousness	N/A N/A Signed, with reasons, Per curiam, with reasons, Not ascertained Federal district court (single judge), 3 judge district court, State court No, Yes, Yes, but error was harmless
songer_notice songer_numappel songer_numresp songer_opinstat songer_origin songer_othadmis	Decisions that affect life, liberty, or property must be preceded by adequate notice and an opportunity for a fair hearing. Did the agency give proper notice? What is the total number of appellants in the case? Answer with a number. What is the total number of respondents in the case? Answer with a number. Is the opinion writer identified in the opinion, or was the opinion per curiam? What type of court made the original decision? 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)? Did the court refuse to rule on the merits of the appeal because of some threshold issue other	N/A N/A Signed, with reasons, Per curiam, with reasons, Not ascertained Federal district court (single judge), 3 judge district court, State court No, Yes, Yes, but error was harmless

songer_othcrim	Did the court rule for the de-	No, Yes, Yes, but error was harmless
songer_outcilli	fendant on grounds other than	No, 1es, 1es, but error was narmiess
	procedural grounds? For exam-	
	ple, right to speedy trial, double	
	jeopardy, confrontation, retroac-	
	tivity, self defense. This includes	
	the question of whether the de-	
	fendant waived the right to raise	
	some claim.	
songer_othjury	Did the court conclude that the	No, Yes, Yes, but error was harmless
<i>C</i> , ,	jury composition or selection was	
	invalid or that the jury was biased	
	or tampered with?	
songer_oththres	Did the court refuse to rule on the	No, Yes, Mixed answer
-	merits of the appeal because of a	
	threshhold issue other than lack	
	of jurisdiction, standing, moot-	
	ness, failure to state a claim, ex-	
	haustion, timeliness, immunity,	
	frivolousness, or nonjusticiable	
	political question?	
songer_plea	Did the court rule for the de-	No, Yes, Yes, but error was harmless
	fendant on an issue related to	
	plea bargaining? Plea bargain in-	
	cludes all challenges to plea.	
songer_polquest	Did the court refuse to rule on the	No, Yes, Mixed answer
	merits of the case because it was	
	considered to be a nonjusticiable	
	"political question"?	
songer_post_trl	Did the court's ruling on some	No, Yes, Mixed answer
	post-trial procedure or motion	
	(e.g., allocating court costs or	
	post award relief) favor the ap-	
	pellant? This doe not include attorneys' fees, but does include	
	motions to set aside a jury ver-	
	dict.	
songer_prejud	Was there prejudicial conduct by	No, Yes, Yes, but error was harmless
songer_prejud	prosecution?	100, 103, 103, out error was narriness
songer_pretrial	Did the court's rulings on pre-	No, Yes, Mixed answer
songer_pretrui	trial procedure favor the appel-	100, 100, Mined and well
	lant? This includes whether or	
	not there is a right to jury trial,	
	whether the case should be certi-	
	fied 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.	
songer_procdis	Did the court uphold the dis-	No, Yes, Yes, but error was harmless
	missal by district court on proce-	
	dural grounds?	
songer_procedur	Did the interpretation of federal	No, Yes, Mixed answer
	rule of procedures, judicial doc-	
	trine, or case law by the court fa-	
	vor the appellant?	37/
songer_r_bus	What is the total number of re-	N/A
	spondents in the case that fall	
	into the category "private busi-	
	ness and its executives"? Answer	
	with a number.	

	TXT	37/4
songer_r_fed	What is the total number of re-	N/A
	spondents in the case that fall into	
	the category "the federal gov-	
	ernment, its agencies, and offi-	
	cialss"? Answer with a number.	
songer_r_fiduc	What is the total number of re-	N/A
	spondents in the case that fall into	
	the category "fiduciaries"? An-	
	swer with a number.	
		N/A
songer_r_natpr	What is the total number of re-	IN/A
	spondents in the case that fall into	
	the category "natural persons"?	
	Answer with a number.	
songer_r_nonp	What is the total number of re-	N/A
	spondents in the case that fall into	
	the category "groups and associ-	
	ations"? Answer with a number.	
songer_r_state	What is the total number of re-	N/A
songer in a state	spondents in the case that fall	1,111
	into the category "state govern-	
	ments, their agencies, and offi-	
	cials"? Answer with a number.	
songer_r_stid	What is the state of the first listed	not, Alabama, Alaska
	state or local government agency	
	that is a respondent?	
songer_r_subst	What is the total number of re-	N/A
_	spondents in the case that fall into	
	the category "sub-state govern-	
	ments, their agencies, and offi-	
	cials"? Answer with a number.	
songer_realapp	Are the formally listed appellants	both 1st and 2nd listed appellants are
songer_rearapp	in the case the "real parties", that	real parties (or only one appellant, and
	is, are they the parties whose	that appellant is a real party), the 1st
	real interests are most directly at	appellant is not a real party, the 2nd ap-
	stake?	pellant is not a real party
songer_realresp	Are the formally listed respon-	both 1st and 2nd listed respondents are
S		
goronop	dents in the case the "real par-	real parties (or only one respondent,
Bor	dents in the case the "real par- ties", that is, are they the parties	and that respondent is a real party), the
gerearne-sp		and that respondent is a real party), the
	ties", that is, are they the parties	and that respondent is a real party), the 1st respondent is not a real party, the
	ties", that is, are they the parties whose real interests are most directly at stake?	and that respondent is a real party), the 1st respondent is not a real party, the 2nd respondent is not a real party
songer_record	ties", that is, are they the parties whose real interests are most directly at stake? Did the agency fail to develop an	and that respondent is a real party), the 1st respondent is not a real party, the
	ties", 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,	and that respondent is a real party), the 1st respondent is not a real party, the 2nd respondent is not a real party
	ties", 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 deter-	and that respondent is a real party), the 1st respondent is not a real party, the 2nd respondent is not a real party
	ties", 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	and that respondent is a real party), the 1st respondent is not a real party, the 2nd respondent is not a real party
	ties", 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 deter-	and that respondent is a real party), the 1st respondent is not a real party, the 2nd respondent is not a real party
songer_record	ties", 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.	and that respondent is a real party), the 1st respondent is not a real party, the 2nd respondent is not a real party No, Yes, Mixed answer
	ties", 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. This question concerns the first	and that respondent is a real party), the 1st respondent is not a real party, the 2nd respondent is not a real party No, Yes, Mixed answer local, neither local nor national, na-
songer_record	ties", 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. This question concerns the first listed respondent. The nature of	and that respondent is a real party), the 1st respondent is not a real party, the 2nd respondent is not a real party No, Yes, Mixed answer
songer_record	ties", 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. This question concerns the first listed respondent. The nature of this litigant falls into the cate-	and that respondent is a real party), the 1st respondent is not a real party, the 2nd respondent is not a real party No, Yes, Mixed answer local, neither local nor national, na-
songer_record	ties", 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. This question concerns the first listed respondent. The nature of this litigant falls into the category "private business (including	and that respondent is a real party), the 1st respondent is not a real party, the 2nd respondent is not a real party No, Yes, Mixed answer local, neither local nor national, na-
songer_record	ties", 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. This question concerns the first listed respondent. The nature of this litigant falls into the cate-	and that respondent is a real party), the 1st respondent is not a real party, the 2nd respondent is not a real party No, Yes, Mixed answer local, neither local nor national, na-
songer_record	ties", 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. This question concerns the first listed respondent. The nature of this litigant falls into the category "private business (including	and that respondent is a real party), the 1st respondent is not a real party, the 2nd respondent is not a real party No, Yes, Mixed answer local, neither local nor national, na-
songer_record songer_respond1_1_2	ties", 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. 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?	and that respondent is a real party), the 1st respondent is not a real party, the 2nd respondent is not a real party No, Yes, Mixed answer local, neither local nor national, national or multi-national
songer_record	ties", 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. 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	and that respondent is a real party), the 1st respondent is not a real party, the 2nd respondent is not a real party No, Yes, Mixed answer local, neither local nor national, na-
songer_record songer_respond1_1_2	ties", 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. 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	and that respondent is a real party), the 1st respondent is not a real party, the 2nd respondent is not a real party No, Yes, Mixed answer local, neither local nor national, national or multi-national
songer_record songer_respond1_1_2	ties", 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. 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 cate-	and that respondent is a real party), the 1st respondent is not a real party, the 2nd respondent is not a real party No, Yes, Mixed answer local, neither local nor national, national or multi-national
songer_record songer_respond1_1_2	ties", 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. 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)" in the nature of this litigant falls into the category "private business (including	and that respondent is a real party), the 1st respondent is not a real party, the 2nd respondent is not a real party No, Yes, Mixed answer local, neither local nor national, national or multi-national
songer_record songer_respond1_1_2	ties", 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. 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 cat-	and that respondent is a real party), the 1st respondent is not a real party, the 2nd respondent is not a real party No, Yes, Mixed answer local, neither local nor national, national or multi-national
songer_record songer_respond1_1_2	ties", 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. 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	and that respondent is a real party), the 1st respondent is not a real party, the 2nd respondent is not a real party No, Yes, Mixed answer local, neither local nor national, national or multi-national
songer_record songer_respond1_1_2	ties", 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. 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 cat-	and that respondent is a real party), the 1st respondent is not a real party, the 2nd respondent is not a real party No, Yes, Mixed answer local, neither local nor national, national or multi-national

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)", specifi-	single family farm, commercial farm, agri-business, farm - other
	cally "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?	business, trade, professional, or union (BTPU), other
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 leg- islative, 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, bureaucracy 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

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songer_respond1_5_2	This question concerns the first	legislative, executive/administrative,
	listed respondent. The nature of	bureaucracy providing services
	this litigant falls into the cate-	
	gory "state government (includes	
	territories & commonwealths)".	
	Which category of state govern-	
	ment best describes this litigant?	
songer_respond1_5_3	This question concerns the first	Legislature or separate house as an or-
	listed respondent. The nature of	ganization, Legislative Committee or
	this litigant falls into the cate-	Commission, Other Legislative Unit
	gory "state government (includes	
	territories & commonwealths)",	
	specifically "legislative". Which	
	specific state government agency	
	best describes this litigant?	
songer_respond1_7_2	This question concerns the first	not ascertained, male - indication in
	listed respondent. The nature	opinion (e.g., use of masculine pro-
	of this litigant falls into the cat-	noun), male - assumed because of
	egory "natural person (excludes	name
	persons named in their official	
	capacity or who appear because	
	of a role in a private organiza-	
	tion)". What is the gender of this	
	litigant?Use names to classify the	
	party's sex only if there is little	
	ambiguity.	
songer_respond1_7_3	This question concerns the first	not ascertained, caucasian - specific in-
	listed respondent. The nature	dication in opinion, black - specific in-
	of this litigant falls into the cat-	dication in opinion
	egory "natural person (excludes	•
	persons named in their official	
	capacity or who appear because	
	of a role in a private organiza-	
	tion)". What is the race or ethnic	
	identity of this litigant as identi-	
	fied in the opinion?	
songer_respond1_7_4	This question concerns the first	not ascertained, US citizen, alien
	listed respondent. The nature	, ,
	of this litigant falls into the cat-	
	egory "natural person (excludes	
	persons named in their official	
	capacity or who appear because	
	of a role in a private organiza-	
	tion)". What is the citizenship	
	of this litigant as indicated in the	
	opinion?	
songer_respond1_7_5	This question concerns the first	not ascertained, poor + wards of state,
==nger=respondr=r=s	listed respondent. The nature	presumed poor
	of this litigant falls into the cat-	F
	egory "natural person (excludes	
	persons named in their official	
	capacity or who appear because	
	of a role in a private organiza-	
	tion)". Which of these categories	
	best describes the income of the	
	a contract the mediae of the	I
conger respond 1 8 2	litigant?	fiduciary evecutor or trustee other
songer_respond1_8_2	litigant? This question concerns the first	fiduciary, executor, or trustee, other,
songer_respond1_8_2	litigant? This question concerns the first listed respondent. The nature of	fiduciary, executor, or trustee, other, nature of the litigant not ascertained
songer_respond1_8_2	litigant? This question concerns the first listed respondent. The nature of this litigant falls into the cate-	
songer_respond1_8_2	litigant? This question concerns the first listed respondent. The nature of this litigant falls into the category "miscellaneous". Which of	
songer_respond1_8_2	litigant? This question concerns the first listed respondent. The nature of this litigant falls into the cate-	

songer_respond1_8_3 songer_respond2_1_2	This question concerns the first listed respondent. The nature of this litigant falls into the category "miscellaneous", specifically "fiduciary, executor, or trustee". Which of the following specific subcategories best describes the litigant? This question concerns the sec-	trustee in bankruptcy - institution, trustee in bankruptcy - individual, executor or administrator of estate - institution
	ond listed respondent. The nature of this litigant falls into the category "private business (including criminal enterprises)". What is the scope of this business?	tional or multi-national
songer_respond2_1_3	This question concerns the second 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?	agriculture, mining, construction
songer_respond2_1_4	This question concerns the second 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?	single family farm, commercial farm, agri-business, farm - other
songer_respond2_2_2	This question concerns the second listed respondent. 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_respond2_2_3	This question concerns the second 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_respond2_3_2	This question concerns the second 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 legislative, agency whose first word is "federal"
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)

12.4.2	L military in the control of the con	
songer_respond2_4_2	This question concerns the sec- ond listed respondent. The nature of this litigant falls into the cate- gory "sub-state government (e.g.,	legislative, executive/administrative, bureaucracy providing services
	county, local, special district)". Which category of substate government best describes this liti-	
	gant?	
songer_respond2_4_3	This question concerns the second listed respondent. The nature of this litigant falls into the	City/county council, School Board, board of trustees for college or junior college, Other legislative body
	category "sub-state government (e.g., county, local, special dis- trict)", specifically "legislative". Which specific substate govern-	
songer_respond2_5_2	ment agency best describes this litigant? This question concerns the sec-	legislative, executive/administrative,
songer respondence	ond listed respondent. The nature of this litigant falls into the category "state government (includes territories & commonwealths)".	bureaucracy providing services
10.5.0	Which category of state government best describes this litigant?	
songer_respond2_5_3	This question concerns the sec- ond listed respondent. The nature of this litigant falls into the cate- gory "state government (includes	Legislature or separate house as an organization, Legislative Committee or Commission, Other Legislative Unit
	territories & commonwealths)", specifically "legislative". Which specific state government agency best describes this litigant?	
songer_respond2_7_2	This question concerns the sec- ond listed respondent. The nature of this litigant falls into the cat- egory "natural person (excludes	not ascertained, male - indication in opinion (e.g., use of masculine pronoun), male - assumed because of name
	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.	
songer_respond2_7_3	This question concerns the sec- ond listed respondent. The nature of this litigant falls into the cat- egory "natural person (excludes	not ascertained, caucasian - specific indication in opinion, black - specific indication in opinion
	persons named in their official capacity or who appear because of a role in a private organiza-	
	tion)". What is the race or ethnic identity of this litigant as identified in the opinion?	
songer_respond2_7_4	This question concerns the sec- ond listed respondent. The nature of this litigant falls into the cat-	not ascertained, US citizen, alien
	egory "natural person (excludes persons named in their official capacity or who appear because	
	of a role in a private organiza- tion)". What is the citizenship of this litigant as indicated in the	
	opinion?	

samaan maananda 7.5	This question concerns the see	not assertained many I would of state
songer_respond2_7_5 songer_respond2_8_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)". Which of these categories best describes the income of the litigant? This question concerns the second listed and the second listed are second listed.	not ascertained, poor + wards of state, presumed poor fiduciary, executor, or trustee, other,
	ond listed respondent. The nature of this litigant falls into the category "miscellaneous". Which of the following categories best describes the litigant?	nature of the litigant not ascertained
songer_respond2_8_3	This question concerns the second listed respondent. The nature of this litigant falls into the category "miscellaneous", specifically "fiduciary, executor, or trustee". Which of the following specific subcategories best describes the litigant?	trustee in bankruptcy - institution, trustee in bankruptcy - individual, ex- ecutor or administrator of estate - in- stitution
songer_rtcouns	Did the court rule that the defendant's right to counsel was violated (for some reason other than inadequate counsel)?	No, Yes, Yes, but error was harmless
songer_search	Did the court below improperly rule for the prosecution on an is- sue related to an alleged illegal search and seizure?	No, Yes, Yes, but error was harmless
songer_sentence	Did the court conclude that some penalty, excluding the death penalty, was improperly imposed?	No, Yes, Yes, but error was harmless
songer_source	What forum heard this case immediately before the case came to the court of appeals?	Federal district court (single judge), 3 judge district court, State court
songer_st_v_st	Did the court rule in favor of the appellant on 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)?	No, Yes, Mixed answer
songer_standing	Did the court determine that the parties had standing?	No, Yes, Mixed answer
songer_state	In what state or territory was the case first heard?	not, Alabama, Alaska
songer_stateclaim	Did the court dismiss the case be- cause of the failure of the plain- tiff to state a claim upon which relief could be granted?	No, Yes, Mixed answer
songer_stpolicy	Did the interpretation of state or local law, executive order, administrative regulation, doctrine, or rule of procedure by the court favor the appellant?	No, Yes, Mixed answer

	Dild direction	N N N 1
songer_subevid	Did the court's interpretation of	No, Yes, Mixed answer
	the substantial evidence rule sup-	
	port the government? For exam-	
	ple, "such evidence as a reason-	
	able mind might accept as ad-	
	equate to support a conclusion"	
	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 posi-	
	tion of the appellant or respon-	
66	dent.	
songer_suffic	Did the court rule that there was	No, Yes, Yes, but error was harmless
	insufficient evidence for convic-	
	tion?	
songer_summary	Did the court's ruling on the ap-	No, Yes, Mixed answer
	propriateness of summary judg-	
	ment or the denial of summary	
	judgment favor the appellant?	
songer_timely	Did the court conclude that it	No, Yes, Mixed answer
	could not reach the merits of the	, ,
	case because the litigants had not	
	complied with some rule relating	
	to timeliness, a filing fee, or be-	
	cause a statute of limitations had	
	expired?	-tt-t-1 -f
songer_treat	What is the disposition by the	stay, petition, or motion granted, af-
	court of appeals of the decision	firmed; or affirmed and petition de-
	of the court or agency below?	nied, reversed (include reversed & va-
		cated)
songer_trialpro	Did the court's ruling on pro-	No, Yes, Mixed answer
	cedure at trial favor the appel-	
	lant? This includes jury instruc-	
	tions and motions for directed	
	verdicts made during trial.	
songer_two_issues	Are there two issues in the case?	no, yes
songer_typeiss	What is the general category of	criminal and prisoner petitions, civil -
	issues discussed in the opinion of	government, diversity of citizenship
	the court?	g
songer_usc1	What is the most frequently cited	N/A
5511501_4501	title of the U.S. Code in the head-	- "
	notes to this case? Answer with a	
	number.	
conger use1seet	What is the number of the sec-	N/A
songer_usc1sect	***************************************	IWA
	tion 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.	
songer_usc2	The most frequently cited title of	N/A
	the U.S. Code in the headnotes to	
	this case is usc1. What is the sec-	
	ond most frequently cited title of	
	this U.S. Code in the headnotes	
	to this case? Answer with a num-	
	ber.	

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) fa- vor 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