

# Visualizing the Topic Space of the United States Supreme Court<sup>1</sup>

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## **Abstract**

This article describes the creation of several domain maps based on the topic space of opinions issued by the United States Supreme Court. Topics assigned by West Publishing were harvested off of the Westlaw database and visualized using Principal Components Analysis (PCA), Multidimensional Scaling (MDS), and graph visualization software (Pajek). Peculiar topic adjacencies were noted and attributed to the unique nature of cases argued at the level of the United States Supreme Court. The work is contextualized throughout by the author's desire to create a rigorous base map on which to layer additional data for teaching purposes.

## **Keywords**

Domain Maps; Visualizations; United States Supreme Court; Law; Political Science; Westlaw

## **Introduction**

### *Background and Purpose*

Scientometrics and bibliometrics owe a debt of gratitude to the legal research publishing industry in the United States. Frank Shepard's legal citator (Ogden, 1993) was part of the inspiration for Eugene Garfield's *Science Citation Index* and subsequent products (Garfield, 1955 & 1979). This in turn was part of the inspiration for Page and Brin's PageRank algorithm—the foundation for Google (Hopkins, 2005; Battelle, 2005). Now, the tools of scientometrics may assist the legal research publishing industry to more optimally organize its materials. Legal information is itself exciting because it is one of the largest and most atomistically indexed bodies of information.

This research seeks to identify the topical adjacencies of subjects addressed in legal cases by the United States Supreme Court based on the co-occurrence of top level topics assigned by West Publishing (Thomson/West, 2006). It is in furtherance of the author's goal of creating a rigorous substrate map on which to layer over sixty years of Supreme Court topic data to be used for teaching purposes. In addition, the research is related to a growing body of work detailing and analyzing the network structure of legal opinions and their citation linkages (Chandler, 2005; Cross & Smith, In Press; Cross, Smith & Tomarchio, In Press; Fowler et. al., In Press; Smith, In Press), judicial and legislative co-voting networks (Fowler, 2006; Epstein et. al., 2005; Johnson et. al., 2005; Poole, 2005; Porter et. al., 2005; Sirovich, 2003; Brazill, 2002; Grofman, 2002; Martin & Quinn, 2002; Spaeth & Altfeld, 1985; Schubert, 1962 & 1963; Thurstone & Degan, 1951; Pritchett, 1941), and the move in legal academia toward quantitative empirical scholarship (George, 2006).

Maps of inherently non-spatial data that use a spatial substrate on which to layer additional information are common in information science (Hook & Börner, 2005). These maps employ the distance-similarity metaphor by which the viewer infers that items more proximate in space are more related than items further apart (Montello et al., 2003; Skupin and Fabrikant, 2003). The

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<sup>1</sup> Full color images, the text of this paper, and additional appendixes are available at: <http://ella.slis.indiana.edu/~pahook/index.html>.

benefit of a substrate map is that it provides a common background from which changes may be readily perceived and is thus useful for pedagogy and illustrating changes over time.

Spatial layouts of inherently non-spatial data may be created in several ways. The first way is by the opinion of experts as to which topics are most similar and by laying out those topics by intuitive warrant or heuristics (*See* Bernal, 1939; Ellingham, 1948). The second way is by algorithmic comparisons of similarity and automated layouts using objective measures such as citation linkages or the co-occurrence of terms (Börner, Chen, & Boyack, 2002). Finally, a third method is a fusion approach which combines elements of each of the first two methods. For the most part, this paper employs multivariate statistical techniques that fall into the second category. These techniques are principal component analysis ("PCA") and multidimensional scaling ("MDS"). However, elements of the fusion approach were used when the author placed data elements into higher level categories based on his training in and experience of the United States legal system before employing the multivariate statistical techniques.

## **Methods, Materials, Procedures, and Equipment Used**

### *Data Summary*

The dataset used for this research consists of bibliographic information about all United States Supreme Court cases that have been issued West topics by West Publishing from the 1944 Term through the end of the 2004 Term (October 1944 through July 2005). The author harvested the data as an academic end user from the Westlaw database. The data contains information about 7,948 unique Supreme Court cases to which 19,789 topic assignments have been made. Of the 405 top level topics in the West taxonomy, 290 appear in opinions issued by the Supreme Court for this time period. All but one ("Reference"), co-occur with other topics resulting in 22,345 edges between cases sharing a similar topic. There are 3743 unique topic pairings.

### *About the Data*

For over a hundred years, West Publishing has identified unique statements of law within court cases (Surrency, 1990). Human editors working at West assign these unique and legally controlling statements topic identifiers from its taxonomy of the law known as the West Topic and Key Number System (Doyle, 1992; Snyder, 1999; Thomson/West, 2006). Before the advent of online full-text searching, the West Topic and Key Number System was one of the only ways to research cases on a given issue. Now, the Topic and Key Number System is used primarily to augment free text searching and to convince a researcher that he or she has found all of the appropriate cases on a particular topic. The Westlaw Database, owned by Thomson/West Publishing, provides online access to United States Supreme Court opinions, numerous other cases, and additional legal material. It is a proprietary subscription database that includes both the actual language of court opinions plus editorial enhancements provided by West such as topic assignments from the West Topic and Key Number System.

### *Data Harvesting*

The data was harvested off of the Westlaw database during March through April, 2004. As of March 18, 2004, there were 405 top level topics in the West Topic and Key Number System. A search as to each of the 405 topics was conducted by hand using the conventional end user interface. A typical search statement was: TO("2 Abatement and Revival"). The TO in this case means topic and the scope of the database at the time included all Supreme Court opinions from the 1944 term to date. The resultant list of cases for each of the 405 topic searches were placed into a spreadsheet along with the topic that caused the case to be returned by the database. Topic assignments were aggregated such that each case was listed with all of its topic assignments and did not appear more than once. Subsequent Supreme Court cases and their topic assignments

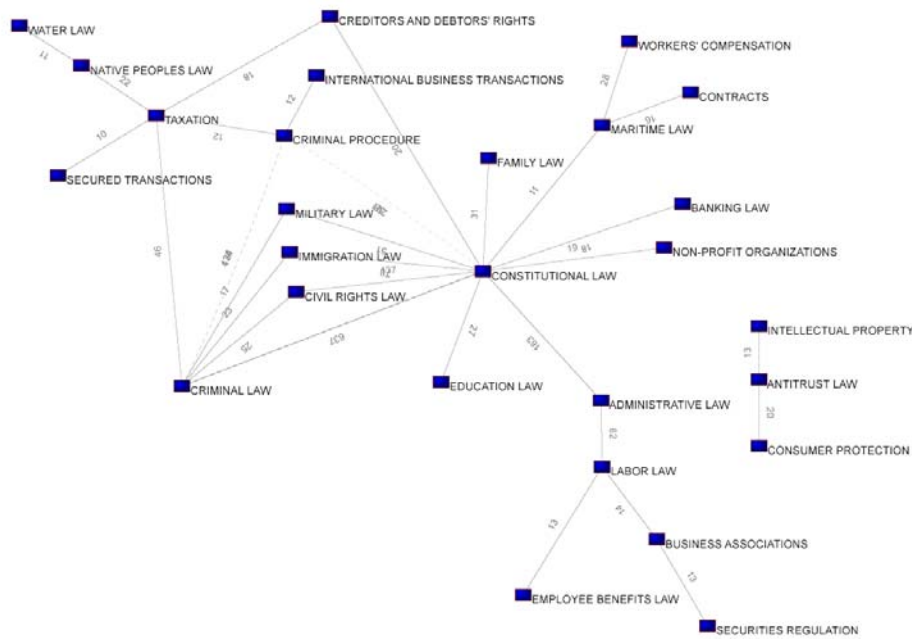
were added later. Annually, West makes changes to its taxonomy. In order for the dataset to include cases after the original March through April 2004 harvesting period, the author had to account for these changes. On several occasions, new topics were converted to their previous equivalents to bring the dataset current through the end of July 2005.

#### *Additional Human Coding of the Data*

Additionally, the author employed his legal training and knowledge of how concepts are taught in law school to make additional subject matter assignments to the 405 West topics: (1) Doctrinal – relevant to a specific subject taught in law school. (Constitutional Law, Administrative Law), (2) Factual – with unique factual circumstances relating to the topic but whose doctrinal elements are drawn from other topics (Aviation Law, Automobile Law), and (3) Procedural – capable of arising in almost any factual or doctrinal situation (Federal Courts, Federal Civil Procedure). For the doctrinal and procedural topics, the author also assigned categories to the topics based on in what course they are most likely to be covered in law school.

#### *Data Manipulation and Visualization*

The data was imported to the R statistical computing environment. Before applying the multivariate statistical visualization techniques, the data had to be put into matrix form. The data comprises a sparse matrix of 3743 unique topic pairings out of a theoretically possible 83,521 (289 x 289). The range of topic co-occurrence counts is 1 to 896 (with Constitutional Law and Federal Courts (896) being the most commonly co-occurring topics and Constitutional Law and Criminal Law (468) being the second most common). The mean topic co-occurrence count was only 5.97 and the median and mode were both 1. Both PCA and MDS were performed on the data. PCA was performed using Singular Value Decomposition (SVD). The resultant plots were useful to characterize the major dimensions in the variation in the data of topic co-occurrence. (See generally Paolillo and Wright, 2006). Additionally, the dataset was visualized in its network form using the network visualization and analysis tool, Pajek (Batagelj & Mrvar, 1998). In the parlance of network science, the nodes represented West Topics and the edges represented the co-occurrence of those topics in Supreme Court cases.



**Figure 1:** West Topic Space of the United States Supreme Court—Network Layout

## Findings, Discussion and Conclusions

### *Network Graph Approach*

Initial network based attempts to create a domain map of the topic space of Supreme Court cases using the spring force layout algorithm in Pajek proved unsatisfying. The procedural and factual topics, which may co-occur with just about any doctrinal topic, pulled everything to the center of the graph.<sup>2</sup> In order to derive any insight using this approach, the author had to visualize just the doctrinal topics. Furthermore, to obtain readable visualizations, all of the co-occurrences were aggregated up from the West Topic level to the law school subject level (the course offered in law school most likely to teach that particular topic). The graph was then subjected to another double treatment. First, the most tenuous (least numerous) co-occurrences between subjects were discarded. This was a bit subjective and was again informed by the author's familiarity with legal topics. It was necessary because almost every subject co-occurred with Constitutional Law and a few other similarly ubiquitous topics. Second, amongst the remaining subjects, the graph was thresholded at 10 or more case co-occurrences between the subjects. This resulted in network visualization pictured in **Figure 1**.

Apparent from the visualization were several counterintuitive adjacencies that reflect the unique jurisdiction of the United States Supreme Court. Maritime cases invoke federal jurisdiction. Furthermore, to the extent that maritime cases involve contract disputes or workers' compensation claims, these issues are heard by the Federal Courts. Outside of the context of maritime law, contracts and workers' compensation cases are state court issues not typically heard by the Federal Courts. Thus, the resultant base map reflects an inherent bias in the dataset. No expert in the law would intuitively co-locate Maritime Law, Workers' Compensation, and Contracts outside the unique context of cases being heard in the Supreme Court.

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<sup>2</sup> One reviewer noted the similarity of the problem encountered by Small and Griffith. In the reviewer's own words, this problem was "the effect of methods papers on document co-citation clustering/mapping (these must be removed before a structure can be found -- see any number of papers by Small on this)." (See Small & Griffith, 1974). I wish to thank both unknown reviewers for their comments and feedback.





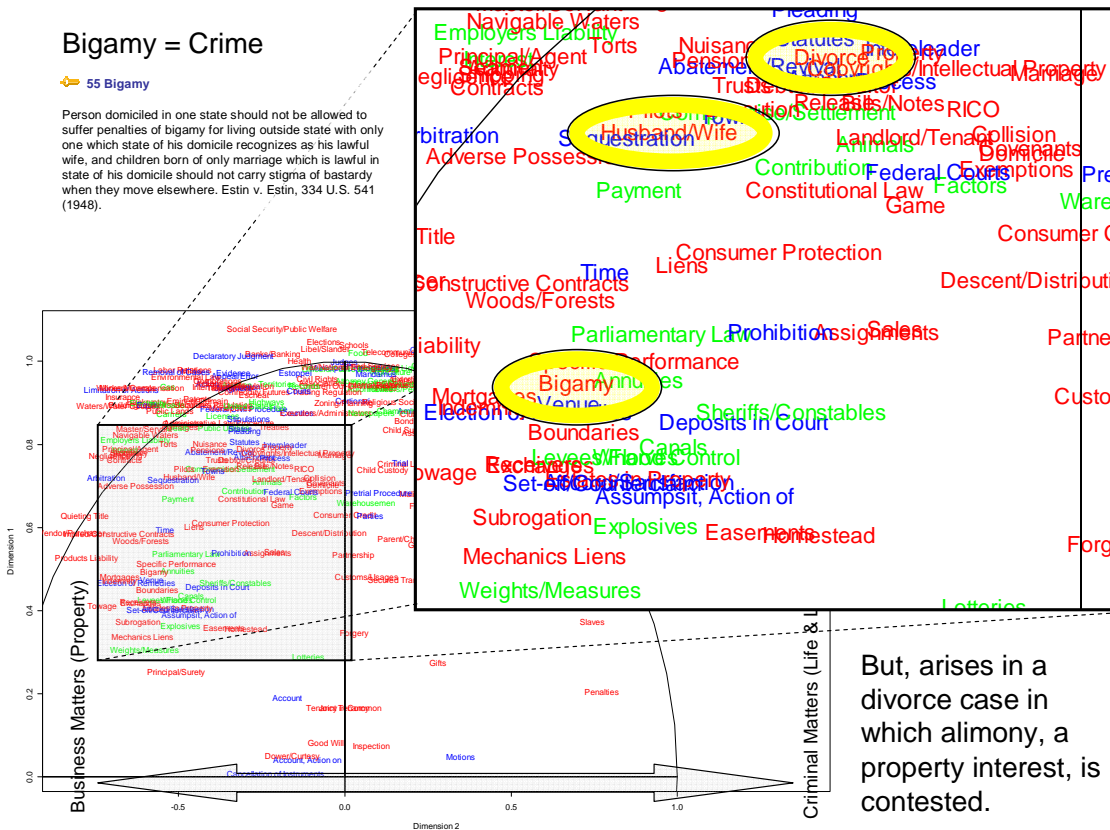


Figure 4: Placement of the Topic Bigamy

As explained above, the author assigned the West Topics one of three additional labels—doctrinal, procedural and factual. The impetus for this was the fact that when the topic space was rendered using only a node link approach coupled with a spring force algorithm, many of the procedural and factual topics, which may co-occur with just about any doctrinal topic, pull everything to the center of the graph. Fortunately, this appears to be less of a problem using the PCA approach. Interestingly, the layout of the fifth and sixth principal components bears out a separation of the doctrinal (red) and procedural topics (blue) with the factual topics (green) clustered in between the two. See Figure 5.

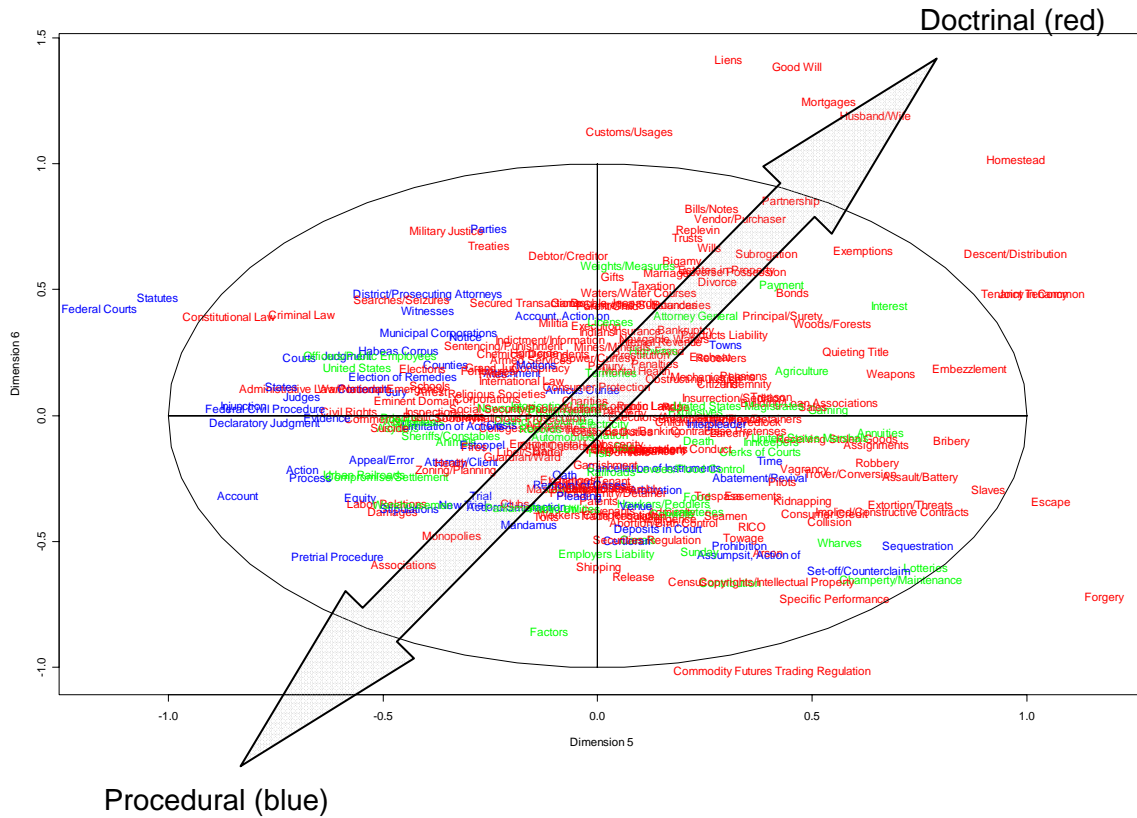


Figure 5: PCA (5th and 6th Dimensions)

Furthermore, the layout of the seventh and eighth principal components reveals a continuum between family obligations (Bigamy, Marriage, Estates in Property, Divorce, Homestead, Husband & Wife, etc.) and business obligations (Subrogation, Mechanics Liens, Principal/Surety, Assignments, Payment, etc.). See Figure 6. There were no additional continuums in the remaining first twenty-five principle components that the author could identify.



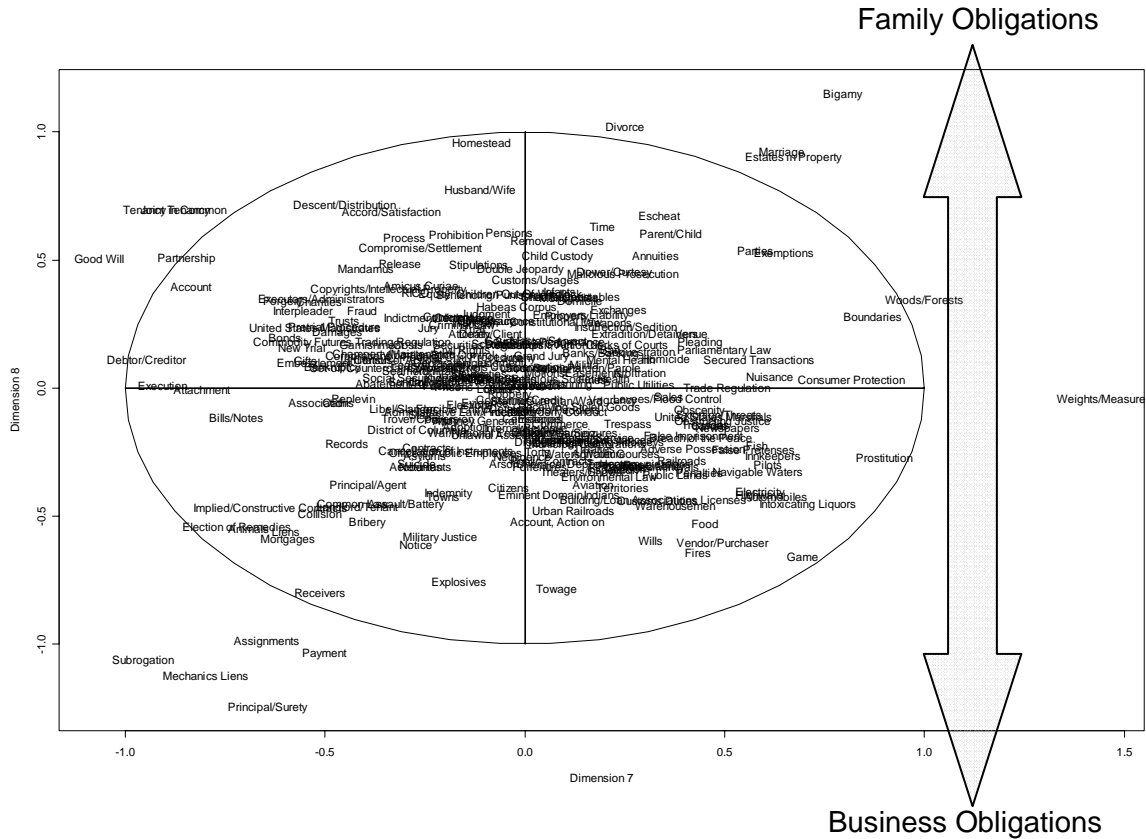
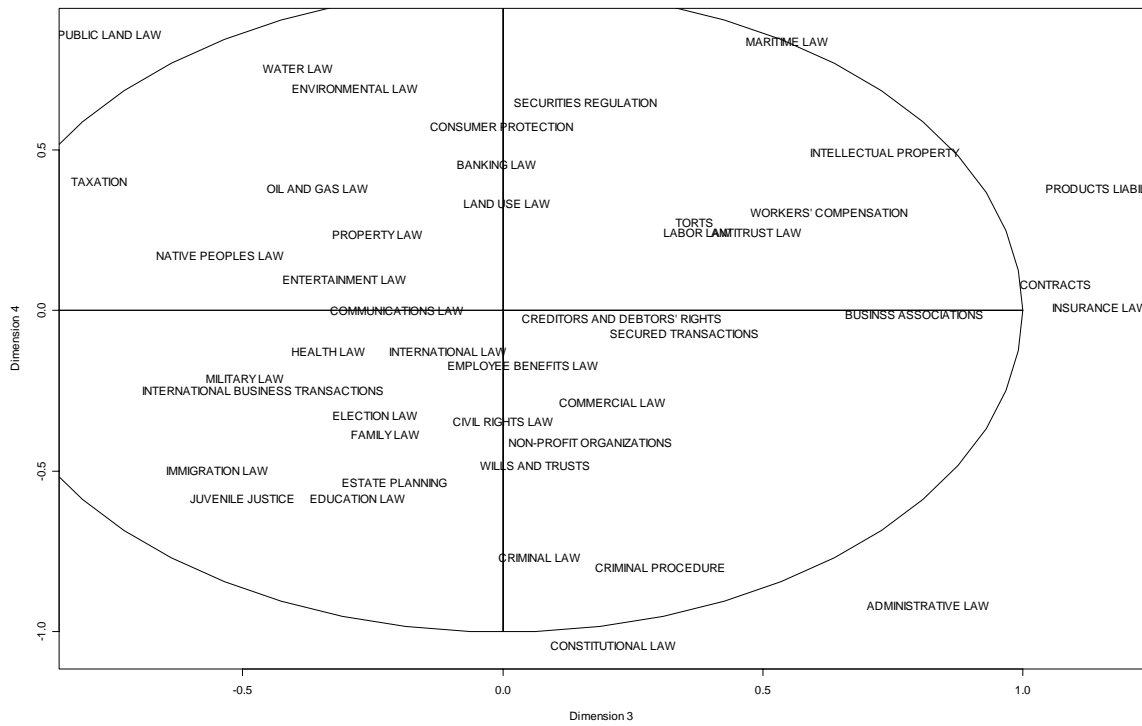


Figure 6: PCA (7th and 8th Dimensions)

**PCA Just Doctrinal**

As the author’s ultimate goal is to create a substrate map based on the layout of topics for use in legal education, he decided to conduct PCA with just the doctrinal topics. To this end, he aggregated the co-occurrence counts up from the West Topic level to the law school subject categories he assigned the doctrinal topics. These additional category assignments are based on where the topic would most likely be encountered in a law school course. The plots of the various dimensions produced adjacencies that were for the most part expected. See Figure 7. The upper left quadrant of the plot nicely co-locates various aspects of the law that deal with land in general (Public Land Law, Water Law, Environmental Law, Oil & Gas Law, Property Law, Native Peoples Law, and Taxation.) The later two course topics most likely cluster in this region because the underlying events that resulted in the cases to which these topics are assigned most likely involved land. Presumably, most of the taxation cases that reach the Supreme Court involve property taxes. Similarly, it is presumed from the PCA analysis that cases assigned the topics involving native peoples most likely also deal with land controversies.

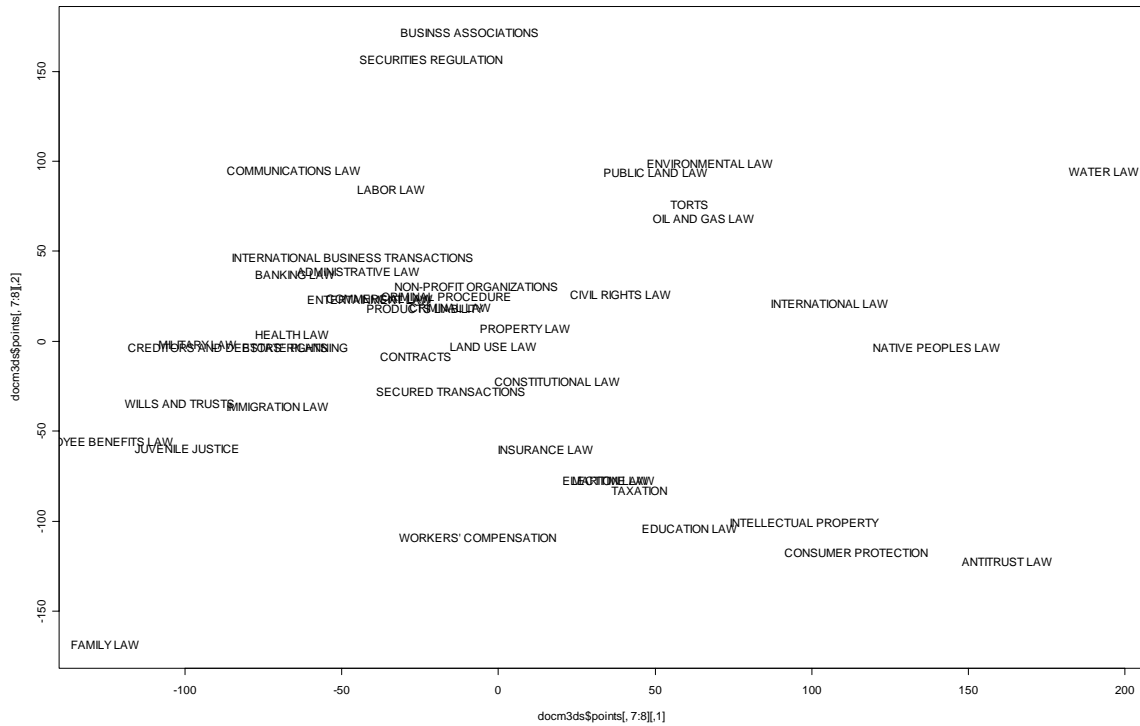
It is similarly consistent with expectations that Criminal Law and Criminal Procedure appear adjacent to one another. These subjects, along with Constitutional Law, are inextricably linked. It is also appropriate that Estate Planning and Wills and Trust are proximate to one another. Taxation would be another subject that the author would expect to cluster closely with Estate Planning and Wills and Trusts. However, as mentioned previously, it is adjacent to topics involving land. It is similarly appropriate that Torts and Products Liability are in the same quadrant. The later is a subset of the former. Likewise, it is satisfying to one’s intuition that Juvenile Justice and Education Law are proximate as both involve children.



**Figure 8: PCA, Doctrinal Subjects Aggregated to Law School Course Offerings**

*MDS*

As the dataset could easily be converted from a matrix of counts, to a matrix of distances, multidimensional scaling (“MDS”) was utilized and to compare the results with those obtained from PCA. Co-occurrence counts were subtracted from the maximum number of co-occurrences (896) to get a measure of the distance between topics. The results were not as satisfactory as those produced by PCA. While some topic adjacencies made sense ((Searches and Seizures, Sentencing and Punishment, Habeas Corpus) and (Admiralty, Shipping, Seaman) most topics were clustered in an unreadable blob at the center of the plot. Similarly, the just doctrinal plots were also less intuitively satisfactory to one trained in the law as were those produced by PCA. See Figure 8.



**Figure 8: MDS Just Doctrinal (7th & 8th Dimensions)**

## CONCLUSION

The multivariate statistical techniques employed in this paper contributed some to the author's ultimate goal of a rigorous topic space substrate map of Supreme Court topics. The techniques reaffirmed the author's intuitive understanding that the primary divide is between business and criminal matters. While the techniques were helpful in suggesting layouts of the super groupings, it will take a fusion approach to produce a substrate map that resonates with how legal topics are conceptualized, bundled, and taught in law school.

Part of the problem is that the approach might be faulty in part. As demonstrated by the 'Bigamy' example, the co-occurrence of topics in cases suggests relationships between topics that though logical, are not how a law student is presented the material. Additionally, part of the problem might also be the need to do the same analysis at an increased level of granularity. While there are only 405 top level West topics, there are about 100,000 sub-topic assignments. The same techniques involving the relationships of all of these sub-topic assignments might produce more intuitively satisfying maps. Also, the fact that the data is only from Supreme Court cases skews the results. Topic co-occurrence data is needed from the two additional levels of Federal Courts and all of the state case material as well. This will require a partnership with the actual database owner to obtain backend access.

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**Appendix A – 405 Top Level West Topics**  
(as of March 18, 2004)

1 ABANDONED AND LOST PROPERTY	54 BENEFICIAL ASSOCIATIONS
2 ABATEMENT AND REVIVAL	55 BIGAMY
4 ABORTION AND BIRTH CONTROL	56 BILLS AND NOTES
5 ABSENTEES	58 BONDS
6 ABSTRACTS OF TITLE	59 BOUNDARIES
7 ACCESSION	60 BOUNTIES
8 ACCORD AND SATISFACTION	61 BREACH OF MARRIAGE PROMISE
9 ACCOUNT	62 BREACH OF THE PEACE
10 ACCOUNT, ACTION ON	63 BRIBERY
11 ACCOUNT STATED	64 BRIDGES
11A ACCOUNTANTS	65 BROKERS
12 ACKNOWLEDGMENT	66 BUILDING AND LOAN ASSOCIATIONS
13 ACTION	67 BURGLARY
14 ACTION ON THE CASE	68 CANALS
15 ADJOINING LANDOWNERS	69 CANCELLATION OF INSTRUMENTS
15A ADMINISTRATIVE LAW AND PROCEDURE	70 CARRIERS
16 ADMIRALTY	71 CEMETERIES
17 ADOPTION	72 CENSUS
18 ADULTERATION	73 CERTIORARI
19 ADULTERY	74 CHAMPERTY AND MAINTENANCE
20 ADVERSE POSSESSION	75 CHARITIES
21 AFFIDAVITS	76 CHATTEL MORTGAGES
23 AGRICULTURE	76A CHEMICAL DEPENDENTS
24 ALIENS	76D CHILD CUSTODY
25 ALTERATION OF INSTRUMENTS	76E CHILD SUPPORT
26 AMBASSADORS AND CONSULS	76H CHILDREN OUT-OF-WEDLOCK
27 AMICUS CURIAE	77 CITIZENS
28 ANIMALS	78 CIVIL RIGHTS
29 ANNUITIES	79 CLERKS OF COURTS
30 APPEAL AND ERROR	80 CLUBS
31 APPEARANCE	81 COLLEGES AND UNIVERSITIES
33 ARBITRATION	82 COLLISION
34 ARMED SERVICES	83 COMMERCE
35 ARREST	83H COMMODITY FUTURES TRADING REGULATION
36 ARSON	84 COMMON LANDS
37 ASSAULT AND BATTERY	85 COMMON LAW
38 ASSIGNMENTS	88 COMPOUNDING OFFENSES
40 ASSISTANCE, WRIT OF	89 COMPROMISE AND SETTLEMENT
41 ASSOCIATIONS	89A CONDOMINIUM
42 ASSUMPSIT, ACTION OF	90 CONFUSION OF GOODS
43 ASYLUMS	91 CONSPIRACY
44 ATTACHMENT	92 CONSTITUTIONAL LAW
45 ATTORNEY AND CLIENT	92B CONSUMER CREDIT
46 ATTORNEY GENERAL	92H CONSUMER PROTECTION
47 AUCTIONS AND AUCTIONEERS	93 CONTEMPT
48 AUDITA QUERELA	95 CONTRACTS
48A AUTOMOBILES	96 CONTRIBUTION
48B AVIATION	96H CONTROLLED SUBSTANCES
49 BAIL	97 CONVERSION
50 BAILMENT	98 CONVICTS
51 BANKRUPTCY	99 COPYRIGHTS AND INTELLECTUAL PROPERTY
52 BANKS AND BANKING	

100 CORONERS  
101 CORPORATIONS  
102 COSTS  
103 COUNTERFEITING  
104 COUNTIES  
105 COURT COMMISSIONERS  
106 COURTS  
107 COVENANT, ACTION OF  
108 COVENANTS  
108A CREDIT REPORTING AGENCIES  
110 CRIMINAL LAW  
111 CROPS  
113 CUSTOMS AND USAGES  
114 CUSTOMS DUTIES  
115 DAMAGES  
116 DEAD BODIES  
117 DEATH  
117G DEBT, ACTION OF  
117T DEBTOR AND CREDITOR  
118A DECLARATORY JUDGMENT  
119 DEDICATION  
120 DEEDS  
122A DEPOSITS AND ESCROWS  
123 DEPOSITS IN COURT  
124 DESCENT AND DISTRIBUTION  
125 DETECTIVES  
126 DETINUE  
129 DISORDERLY CONDUCT  
130 DISORDERLY HOUSE  
131 DISTRICT AND PROSECUTING ATTORNEYS  
132 DISTRICT OF COLUMBIA  
133 DISTURBANCE OF PUBLIC ASSEMBLAGE  
134 DIVORCE  
135 DOMICILE  
135H DOUBLE JEOPARDY  
136 DOWER AND CURTESY  
137 DRAINS  
141 EASEMENTS  
142 EJECTMENT  
143 ELECTION OF REMEDIES  
144 ELECTIONS  
145 ELECTRICITY  
146 EMBEZZLEMENT  
148 EMINENT DOMAIN  
148A EMPLOYERS' LIABILITY  
149 ENTRY, WRIT OF  
149E ENVIRONMENTAL LAW  
150 EQUITY  
151 ESCAPE  
152 ESCHEAT  
154 ESTATES IN PROPERTY  
156 ESTOPPEL  
157 EVIDENCE  
158 EXCEPTIONS, BILL OF  
159 EXCHANGE OF PROPERTY  
160 EXCHANGES  
161 EXECUTION  
162 EXECUTORS AND ADMINISTRATORS  
163 EXEMPTIONS  
164 EXPLOSIVES  
165 EXTORTION AND THREATS  
166 EXTRADITION AND DETAINERS  
167 FACTORS  
168 FALSE IMPRISONMENT  
169 FALSE PERSONATION  
170 FALSE PRETENSES  
170A FEDERAL CIVIL PROCEDURE  
170B FEDERAL COURTS  
171 FENCES  
172 FERRIES  
174 FINES  
175 FIRES  
176 FISH  
177 FIXTURES  
178 FOOD  
179 FORCIBLE ENTRY AND DETAINER  
180 FORFEITURES  
181 FORGERY  
183 FRANCHISES  
184 FRAUD  
185 FRAUDS, STATUTE OF  
186 FRAUDULENT CONVEYANCES  
187 GAME  
188 GAMING  
189 GARNISHMENT  
190 GAS  
191 GIFTS  
192 GOOD WILL  
193 GRAND JURY  
195 GUARANTY  
196 GUARDIAN AND WARD  
197 HABEAS CORPUS  
198 HAWKERS AND PEDDLERS  
198H HEALTH  
200 HIGHWAYS  
201 HOLIDAYS  
202 HOMESTEAD  
203 HOMICIDE  
205 HUSBAND AND WIFE  
205H IMPLIED AND CONSTRUCTIVE CONTRACTS  
206 IMPROVEMENTS  
207 INCEST  
208 INDEMNITY  
209 INDIANS  
210 INDICTMENT AND INFORMATION  
211 INFANTS  
212 INJUNCTION  
213 INNKEEPERS  
216 INSPECTION

217 INSURANCE	277 NOTICE
218 INSURRECTION AND SEDITION	278 NOVATION
219 INTEREST	279 NUISANCE
220 INTERNAL REVENUE	280 OATH
221 INTERNATIONAL LAW	281 OBSCENITY
222 INTERPLEADER	282 OBSTRUCTING JUSTICE
223 INTOXICATING LIQUORS	283 OFFICERS AND PUBLIC EMPLOYEES
224 JOINT ADVENTURES	284 PARDON AND PAROLE
225 JOINT-STOCK COMPANIES AND BUSINESS TRUSTS	285 PARENT AND CHILD
226 JOINT TENANCY	286 PARLIAMENTARY LAW
227 JUDGES	287 PARTIES
228 JUDGMENT	288 PARTITION
229 JUDICIAL SALES	289 PARTNERSHIP
230 JURY	290 PARTY WALLS
231 JUSTICES OF THE PEACE	291 PATENTS
232 KIDNAPPING	292 PAUPERS
232A LABOR RELATIONS	294 PAYMENT
233 LANDLORD AND TENANT	295 PENALTIES
234 LARCENY	296 PENSIONS
235 LEVEES AND FLOOD CONTROL	297 PERJURY
236 LEWDNESS	298 PERPETUITIES
237 LIBEL AND SLANDER	300 PILOTS
238 LICENSES	302 PLEADING
239 LIENS	303 PLEDGES
240 LIFE ESTATES	305 POSSESSORY WARRANT
241 LIMITATION OF ACTIONS	306 POSTAL SERVICE
242 LIS PENDENS	307 POWERS
245 LOGS AND LOGGING	307A PRETRIAL PROCEDURE
246 LOST INSTRUMENTS	308 PRINCIPAL AND AGENT
247 LOTTERIES	309 PRINCIPAL AND SURETY
248 MALICIOUS MISCHIEF	310 PRISONS
249 MALICIOUS PROSECUTION	311 PRIVATE ROADS
250 MANDAMUS	313 PROCESS
251 MANUFACTURES	313A PRODUCTS LIABILITY
252 MARITIME LIENS	314 PROHIBITION
253 MARRIAGE	315 PROPERTY
255 MASTER AND SERVANT	316 PROSTITUTION
256 MAYHEM	316A PUBLIC CONTRACTS
257 MECHANICS' LIENS	317 PUBLIC LANDS
257A MENTAL HEALTH	317A PUBLIC UTILITIES
258A MILITARY JUSTICE	318 QUIETING TITLE
259 MILITIA	319 QUO WARRANTO
260 MINES AND MINERALS	319H RACKETEER INFLUENCED AND CORRUPT ORGANIZATIONS
265 MONOPOLIES	320 RAILROADS
266 MORTGAGES	321 RAPE
267 MOTIONS	322 REAL ACTIONS
268 MUNICIPAL CORPORATIONS	323 RECEIVERS
269 NAMES	324 RECEIVING STOLEN GOODS
270 NAVIGABLE WATERS	325 RECOGNIZANCES
271 NE EXEAT	326 RECORDS
272 NEGLIGENCE	327 REFERENCE
273 NEUTRALITY LAWS	328 REFORMATION OF INSTRUMENTS
274 NEWSPAPERS	330 REGISTERS OF DEEDS
275 NEW TRIAL	331 RELEASE
276 NOTARIES	332 RELIGIOUS SOCIETIES



333 REMAINDERS	380 TOWAGE
334 REMOVAL OF CASES	381 TOWNS
335 REPLEVIN	382 TRADE REGULATION
336 REPORTS	384 TREASON
337 RESCUE	385 TREATIES
338 REVERSIONS	386 TRESPASS
339 REVIEW	387 TRESPASS TO TRY TITLE
340 REWARDS	388 TRIAL
341 RIOT	389 TROVER AND CONVERSION
342 ROBBERY	390 TRUSTS
343 SALES	391 TURNPIKES AND TOLL ROADS
344 SALVAGE	392 UNDERTAKINGS
345 SCHOOLS	393 UNITED STATES
346 SCIRE FACIAS	394 UNITED STATES MAGISTRATES
347 SEALS	395 UNITED STATES MARSHALS
348 SEAMEN	396 UNLAWFUL ASSEMBLY
349 SEARCHES AND SEIZURES	396A URBAN RAILROADS
349A SECURED TRANSACTIONS	398 USURY
349B SECURITIES REGULATION	399 VAGRANCY
350 SEDUCTION	400 VENDOR AND PURCHASER
350H SENTENCING AND PUNISHMENT	401 VENUE
351 SEQUESTRATION	402 WAR AND NATIONAL EMERGENCY
352 SET-OFF AND COUNTERCLAIM	403 WAREHOUSEMEN
353 SHERIFFS AND CONSTABLES	404 WASTE
354 SHIPPING	405 WATERS AND WATER COURSES
355 SIGNATURES	406 WEAPONS
356 SLAVES	407 WEIGHTS AND MEASURES
356A SOCIAL SECURITY AND PUBLIC WELFARE	408 WHARVES
357 SODOMY	409 WILLS
358 SPECIFIC PERFORMANCE	410 WITNESSES
359 SPENDTHRIFTS	411 WOODS AND FORESTS
360 STATES	413 WORKERS' COMPENSATION
361 STATUTES	414 ZONING AND PLANNING
362 STEAM	450 MERIT SYSTEMS PROTECTION
363 STIPULATIONS	
365 SUBMISSION OF CONTROVERSY	
366 SUBROGATION	
367 SUBSCRIPTIONS	
368 SUICIDE	
369 SUNDAY	
370 SUPERSEDEAS	
371 TAXATION	
372 TELECOMMUNICATIONS	
373 TENANCY IN COMMON	
374 TENDER	
375 TERRITORIES	
376 THEATERS AND SHOWS	
378 TIME	
379 TORTS	

**Appendix B – Frequency of West Topics Assigned to  
 Supreme Court Cases from the 1994 term through the 2004 Term**

3032	Federal Courts	50	Bail
2294	Constitutional Law	50	Controlled Substances
1231	Criminal Law	48	Postal Service
785	Statutes	47	Insurance
564	Labor Relations	46	Removal of Cases
526	States	44	Contracts
510	Commerce	42	Electricity
488	Courts	42	International Law
447	Federal Civil Procedure	42	Mandamus
432	United States	42	Mines and Minerals
420	Civil Rights	41	Judges
398	Internal Revenue	41	Records
378	Habeas Corpus	38	Libel and Slander
370	Administrative Law and Procedure	36	Arbitration
262	Monopolies	35	Infants
261	Sentencing and Punishment	34	Equity
239	Searches and Seizures	33	Waters and Water Courses
200	Witnesses	32	Mental Health
192	Taxation	32	Public Utilities
184	Judgment	31	Colleges and Universities
169	Jury	31	Customs Duties
164	Injunction	31	Estoppel
153	Elections	31	Treaties
144	Armed Services	30	Railroads
140	Aliens	29	Divorce
135	Bankruptcy	29	Master and Servant
134	Schools	28	Aviation
131	Arrest	27	Fraud
131	Double Jeopardy	27	Intoxicating Liquors
122	Eminent Domain	26	Citizens
120	Municipal Corporations	26	Public Lands
119	Indians	25	Homicide
113	Declaratory Judgment	24	Abortion and Birth Control
110	Action	24	Copyrights and Intellectual Property
106	Social Security and Public Welfare	24	Counties
101	Evidence	24	Death
100	War and National Emergency	23	Pardon and Parole
90	Trade Regulation	22	Weapons
90	Environmental Law	21	Associations
85	Telecommunications	21	Costs
84	Health	21	Food
83	Indictment and Information	20	Agriculture
82	Workers' Compensation	19	Forfeitures
78	Attorney and Client	18	Extradition and Detainers
77	Carriers	18	Husband and Wife
77	Patents	18	Interest
76	Limitation of Actions	18	Torts
75	Securities Regulation	18	Zoning and Planning
74	Officers and Public Employees	17	Licenses
74	Shipping	16	Territories
74	Employers' Liability	16	Trusts
71	Corporations	16	Child Custody
71	Automobiles	16	Children Out-Of-Wedlock
70	Navigable Waters	15	Perjury
68	Contempt	14	Attorney General
65	Admiralty	14	District and Prosecuting Attorneys
65	Conspiracy	14	Fish
58	Gas	13	Certiorari
56	Appeal and Error	13	Compromise and Settlement
56	Prisons	13	Negligence
55	Grand Jury	13	Products Liability
55	Pensions	13	Racketeer Influenced and Corrupt Organizations
54	Banks and Banking	12	District of Columbia
54	Obscenity	12	Exchanges
53	Seamen	12	Fines
52	Damages	12	Insurrection and Sedition

12	Principal and Agent	3	Covenants
11	Bribery	3	Domicile
11	Gaming	3	Election of Remedies
11	Mortgages	3	Embezzlement
11	Property	3	Factors
11	Theaters and Shows	3	False Imprisonment
10	Building and Loan Associations	3	Garnishment
10	Extortion and Threats	3	Levees and Flood Control
10	Receiving Stolen Goods	3	Newspapers
10	Release	3	New Trial
10	Trespass	3	Oath
10	Trial	3	Pilots
10	Consumer Credit	3	Principal and Surety
9	Breach of the Peace	3	Prostitution
9	Disorderly Conduct	3	Set-off and Counterclaim
9	Landlord and Tenant	3	Treason
9	Process	3	Warehousemen
9	Religious Societies	3	Military Justice
9	Robbery	3	Pretrial Procedure
9	United States Magistrates	2	Animals
8	Common Law	2	Annuities
8	Escheat	2	Arson
8	Executors and Administrators	2	Assignments
8	Exemptions	2	Canals
8	Obstructing Justice	2	Clerks of Courts
8	Pleading	2	Customs and Usages
8	Stipulations	2	Escape
8	Consumer Protection	2	Estates in Property
7	Amicus Curiae	2	Execution
7	Collision	2	Forcible Entry and Detainer
7	Kidnapping	2	Gifts
7	Marriage	2	Guardian and Ward
6	Charities	2	Hawkers and Peddlers
6	Contribution	2	Inspection
6	Convicts	2	Lotteries
6	Highways	2	Malicious Prosecution
6	Larceny	2	Mechanics' Liens
6	Liens	2	Notice
6	Receivers	2	Replevin
6	Subrogation	2	Sheriffs and Constables
6	Towage	2	Specific Performance
6	Debtor and Creditor	2	Suicide
6	Commodity Futures Trading Regulation	2	Time
5	Adoption	2	Unlawful Assembly
5	Attachment	2	Venue
5	Game	2	Accountants
5	Indemnity	2	Public Contracts
5	Interpleader	2	Secured Transactions
5	Militia	2	Chemical Dependents
5	Nuisance	1	Accord and Satisfaction
5	Prohibition	1	Account
5	Quieting Title	1	Account, Action on
5	Implied and Constructive Contracts	1	Assumpsit, Action of
5	Child Support	1	Asylums
4	Abatement and Revival	1	Bigamy
4	Adverse Possession	1	Bonds
4	Bills and Notes	1	Boundaries
4	Census	1	Cancellation of Instruments
4	Descent and Distribution	1	Cemeteries
4	Fires	1	Champerty and Maintenance
4	Parent and Child	1	Clubs
4	Partnership	1	Deposits in Court
4	Payment	1	Dower and Curtesy
4	Rape	1	Easements
4	Sales	1	Explosives
4	Sodomy	1	False Pretenses
4	Sunday	1	Forgery
4	Towns	1	Good Will
4	Vagrancy	1	Homestead
3	Assault and Battery	1	Innkeepers

1 Joint Tenancy  
1 Motions  
1 Notaries  
1 Parliamentary Law  
1 Parties  
1 Penalties  
1 Reference  
1 Sequestration  
1 Slaves  
1 Tenancy in Common  
1 Trover and Conversion  
1 United States Marshals  
1 Vendor and Purchaser  
1 Weights and Measures  
1 Wharves  
1 Wills  
1 Woods and Forests  
1 Urban Railroads

## **Appendix C – MODIFICATIONS (Resulting from Changes to the West Topic and Key Number System)**

The data was original harvested off of Westlaw in March – April 2004.

Between March 18, 2004 and June 10, 2004, the following changes were made to the top level topics:

**NEW TOPICS:**

231H Labor and Employment  
241E Limited Liability Companies

**DISCONTINUED:**

148A Employer's Liability (Now Contained in Labor and Employment)  
232A Labor Relations (Now Contained in Labor and Employment)  
255 Master and Servant (Now Contained in Principal and Agent)

**RENUMBERED:**

Kidnapping (232 to 231E)

**Changes:**

Three cases harvested after the initial search period had one of the new topics (231H, Labor and Employment):

Aetna Health Inc. v. Davila, 124 S.Ct. 2488 (6/21/2004)  
Central Laborers' Pension Fund v. Heinz, 124 S.Ct. 2230 (6/7/2004)  
Graham County Soil & Water Conservation Dist. v. U.S. ex rel. Wilson, 125 S.Ct. 2444  
(6/20/2005)

As to the first two cases, the author assigned them the old West Topic, 296 Pensions, based on what they would have been as indicated by West.

As to the third case, the authored assigned this 232A Labor Relations.

**2004-2005 Changes**

**NEW TOPICS:**

315T Public Amusement and Entertainment (No Appearances in 2004 term)  
382T Trademarks  
392T Unemployment Compensation (No Appearances in the 2004 Term)

**DISCONTINUED:**

376 THEATERS AND SHOWS

**RENUMBERED:**

Prostitution (316 to 315H) (No Appearances in the 2004 term)

One Case was assigned 382T, Trademarks:

KP Permanent Make-Up, Inc. v. Lasting Impression I, Inc., 125 S.Ct. 542 (12/8/2004)

It was listed formally as, 382k375.1 (Trade Regulation). Consequently, the author changed it to this top level topic for purposes of the dataset.

**Appendix D – Additional Category Assignments Made By the Author**

1	Abandoned and Lost Property	doctrinal	Property Law
2	Abatement and Revival	procedural	Civil Procedure
4	Abortion and Birth Control	doctrinal	Constitutional Law
5	Absentees	factual	
6	Abstracts of Title	doctrinal	Property Law
7	Accession	doctrinal	Property Law
8	Accord and Satisfaction	procedural	Civil Procedure
9	Account	procedural	Civil Procedure
11	Account Stated	procedural	Civil Procedure
10	Account, Action on	procedural	Civil Procedure
11A	Accountants	factual	
12	Acknowledgment	procedural	Evidence
13	Action	procedural	Civil Procedure
14	Action on the Case	procedural	Civil Procedure
15	Adjoining Landowners	doctrinal	Property Law
15A	Administrative Law and Procedure	doctrinal	Administrative Law
16	Admiralty	doctrinal	Maritime Law
17	Adoption	doctrinal	Family Law
18	Adulteration	doctrinal	Criminal Law
19	Adultery	doctrinal	Criminal Law
20	Adverse Possession	doctrinal	Property Law
21	Affidavits	procedural	Evidence
23	Agriculture	factual	
24	Aliens	doctrinal	Immigration Law
25	Alteration of Instruments	factual	
26	Ambassadors and Consuls	doctrinal	International Law
27	Amicus Curiae	procedural	Appellate Advocacy
28	Animals	factual	
29	Annuities	factual	
30	Appeal and Error	procedural	Appellate Advocacy
31	Appearance	procedural	Civil Procedure
33	Arbitration	procedural	Alternative Dispute Resolution
34	Armed Services	doctrinal	Military Law
35	Arrest	doctrinal	Criminal Procedure
36	Arson	doctrinal	Criminal Law
37	Assault and Battery	doctrinal	Criminal Law
38	Assignments	doctrinal	Contracts
40	Assistance, Writ of	procedural	Civil Procedure
41	Associations	doctrinal	Non-Profit Organizations
42	Assumpsit, Action of	procedural	Civil Procedure
43	Asylums	factual	
44	Attachment	procedural	Civil Procedure
45	Attorney and Client	procedural	Professional Responsibility
46	Attorney General	factual	
47	Auctions and Auctioneers	factual	
48	Audita Querela	procedural	Civil Procedure
48A	Automobiles	factual	
48B	Aviation	factual	
49	Bail	doctrinal	Criminal Procedure

50	Bailment	doctrinal	Property Law
51	Bankruptcy	doctrinal	Creditors' and Debtors' Rights
52	Banks and Banking	doctrinal	Banking Law
54	Beneficial Associations	doctrinal	Non-Profit Organizations
55	Bigamy	doctrinal	Criminal Law
56	Bills and Notes	doctrinal	Commercial Law
58	Bonds	doctrinal	Commercial Law
59	Boundaries	doctrinal	Property Law
60	Bounties	factual	
61	Breach of Marriage Promise	doctrinal	Family Law
62	Breach of the Peace	doctrinal	Criminal Law
63	Bribery	doctrinal	Criminal Law
64	Bridges	factual	
65	Brokers	factual	
66	Building and Loan Associations	doctrinal	Banking Law
67	Burglary	doctrinal	Criminal Law
68	Canals	factual	
69	Cancellation of Instruments	procedural	Civil Procedure
70	Carriers	factual	
71	Cemeteries	factual	
72	Census	doctrinal	Constitutional Law
73	Certiorari	procedural	Appellate Advocacy
74	ChamPERTY and Maintenance	factual	
75	Charities	doctrinal	Non-Profit Organizations
76	Chattel Mortgages	doctrinal	Secured Transactions
76A	Chemical Dependents	doctrinal	Health Law
76D	Child Custody	doctrinal	Family Law
76E	Child Support	doctrinal	Family Law
76H	Children Out-Of-Wedlock	doctrinal	Family Law
77	Citizens	doctrinal	Immigration Law
78	Civil Rights	doctrinal	Civil Rights Law
79	Clerks of Courts	factual	
80	Clubs	doctrinal	Non-Profit Organizations
81	Colleges and Universities	doctrinal	Education Law
82	Collision	doctrinal	Maritime Law
83	Commerce	doctrinal	Constitutional Law
83H	Commodity Futures Trading Regulation	doctrinal	Securities Regulation
84	Common Lands	doctrinal	Property Law
85	Common Law	doctrinal	Constitutional Law
88	Compounding Offenses	doctrinal	Criminal Law
89	Compromise and Settlement	factual	
89A	Condominium	doctrinal	Property Law
90	Confusion of Goods	factual	
91	Conspiracy	doctrinal	Criminal Law
92	Constitutional Law	doctrinal	Constitutional Law
92B	Consumer Credit	doctrinal	Banking Law
92H	Consumer Protection	doctrinal	Consumer Protection
93	Contempt	procedural	Courts
95	Contracts	doctrinal	Contracts
96	Contribution	factual	

96H	Controlled Substances	doctrinal	Criminal Procedure
97	Conversion	factual	
98	Convicts	factual	
99	Copyrights and Intellectual Property	doctrinal	Intellectual Property
100	Coroners	factual	
101	Corporations	doctrinal	Business Associations
102	Costs	procedural	Civil Procedure
103	Counterfeiting	doctrinal	Criminal Law
104	Counties	procedural	State and Local Government Law
105	Court Commissioners	factual	
106	Courts	procedural	Courts
107	Covenant, Action of	procedural	Civil Procedure
108	Covenants	doctrinal	Property Law
108A	Credit Reporting Agencies	doctrinal	Consumer Protection
110	Criminal Law	doctrinal	Criminal Law
111	Crops	doctrinal	Property Law
113	Customs and Usages	doctrinal	Contracts
114	Customs Duties	doctrinal	International Business Transactions
115	Damages	doctrinal	Torts
116	Dead Bodies	factual	
117	Death	factual	
117G	Debt, Action of	procedural	Civil Procedure
117T	Debtor and Creditor	doctrinal	Creditors' and Debtors' Rights
118A	Declaratory Judgment	procedural	Civil Procedure
119	Dedication	doctrinal	Property Law
120	Deeds	doctrinal	Property Law
122A	Deposits and Escrows	doctrinal	Contracts
123	Deposits in Court	procedural	Civil Procedure
124	Descent and Distribution	doctrinal	Property Law
125	Detectives	factual	
126	Detinue	procedural	Civil Procedure
129	Disorderly Conduct	doctrinal	Criminal Law
130	Disorderly House	doctrinal	Criminal Law
131	District and Prosecuting Attorneys	procedural	Courts
132	District of Columbia	factual	
133	Disturbance of Public Assemblage	doctrinal	Criminal Law
134	Divorce	doctrinal	Family Law
135	Domicile	doctrinal	Family Law
135H	Double Jeopardy	doctrinal	Criminal Procedure
136	Dower and Curtesy	doctrinal	Wills and Trusts
137	Drains	factual	
141	Easements	doctrinal	Property Law
142	Ejectment	doctrinal	Property Law
143	Election of Remedies	procedural	Civil Procedure
144	Elections	doctrinal	Election Law
145	Electricity	factual	
146	Embezzlement	doctrinal	Criminal Law
148	Eminent Domain	doctrinal	Constitutional Law
148A	Employers' Liability	factual	
149	Entry, Writ of	doctrinal	Property Law



149E	Environmental Law	doctrinal	Environmental Law
150	Equity	procedural	Civil Procedure
151	Escape	doctrinal	Criminal Law
152	Escheat	doctrinal	Wills and Trusts
154	Estates in Property	doctrinal	Property Law
156	Estoppel	procedural	Civil Procedure
157	Evidence	procedural	Evidence
158	Exceptions, Bill of	procedural	Civil Procedure
159	Exchange of Property	factual	
160	Exchanges	doctrinal	Securities Regulation
161	Execution	doctrinal	Creditors' and Debtors' Rights
162	Executors and Administrators	doctrinal	Wills and Trusts
163	Exemptions	doctrinal	Creditors' and Debtors' Rights
164	Explosives	factual	
165	Extortion and Threats	doctrinal	Criminal Law
166	Extradition and Detainers	doctrinal	Criminal Procedure
167	Factors	factual	
168	False Imprisonment	doctrinal	Torts
169	False Personation	doctrinal	Criminal Law
170	False Pretenses	doctrinal	Criminal Law
170A	Federal Civil Procedure	procedural	Civil Procedure
170B	Federal Courts	procedural	Federal Courts
171	Fences	doctrinal	Property Law
172	Ferries	factual	
174	Fines	doctrinal	Criminal Procedure
175	Fires	doctrinal	Criminal Law
176	Fish	factual	
177	Fixtures	doctrinal	Property Law
178	Food	factual	
179	Forcible Entry and Detainer	doctrinal	Criminal Law
180	Forfeitures	doctrinal	Criminal Procedure
181	Forgery	doctrinal	Criminal Law
183	Franchises	factual	
184	Fraud	doctrinal	Criminal Law
185	Fraud, Statute of	doctrinal	Contracts
186	Fraudulent Conveyances	doctrinal	Creditors' and Debtors' Rights
187	Game	doctrinal	Property Law
188	Gaming	factual	
189	Garnishment	doctrinal	Creditors' and Debtors' Rights
190	Gas	factual	
191	Gifts	doctrinal	Estate Planning
192	Good Will	doctrinal	Business Associations
193	Grand Jury	doctrinal	Criminal Procedure
195	Guaranty	doctrinal	Contracts
196	Guardian and Ward	doctrinal	Family Law
197	Habeas Corpus	procedural	Civil Procedure
198	Hawkers and Peddlers	factual	
198H	Health	doctrinal	Health Law
200	Highways	factual	
201	Holidays	factual	

202	Homestead	doctrinal	Creditors' and Debtors' Rights
203	Homicide	doctrinal	Criminal Law
205	Husband and Wife	doctrinal	Family Law
205H	Implied and Constructive Contracts	doctrinal	Contracts
206	Improvements	doctrinal	Property Law
207	Incest	doctrinal	Criminal Law
208	Indemnity	doctrinal	Contracts
209	Indians	doctrinal	Native Peoples Law
210	Indictment and Information	doctrinal	Criminal Procedure
211	Infants	doctrinal	Juvenile Justice
212	Injunction	procedural	Civil Procedure
213	Innkeepers	factual	
216	Inspection	doctrinal	Consumer Protection
217	Insurance	doctrinal	Insurance Law
218	Insurrection and Sedition	doctrinal	Criminal Law
219	Interest	factual	
220	Internal Revenue	doctrinal	Taxation
221	International Law	doctrinal	International Law
222	Interpleader	procedural	Civil Procedure
223	Intoxicating Liquors	factual	
224	Joint Adventures	doctrinal	Contracts
226	Joint Tenancy	doctrinal	Property Law
225	Joint-Stock Companies and Business Trusts	doctrinal	Business Associations
227	Judges	procedural	Courts
228	Judgment	procedural	Civil Procedure
229	Judicial Sales	procedural	Civil Procedure
230	Jury	procedural	Civil Procedure
231	Justices of the Peace	factual	
232	Kidnapping	doctrinal	Criminal Law
232A	Labor Relations	doctrinal	Labor Law
233	Landlord and Tenant	doctrinal	Property Law
234	Larceny	doctrinal	Criminal Law
235	Levees and Flood Control	factual	
236	Lewdness	doctrinal	Criminal Law
237	Libel and Slander	doctrinal	Torts
238	Licenses	factual	
239	Liens	doctrinal	Secured Transactions
240	Life Estates	doctrinal	Property Law
241	Limitation of Actions	procedural	Civil Procedure
242	Lis Pendens	procedural	Civil Procedure
245	Logs and Logging	factual	
246	Lost Instruments	factual	
247	Lotteries	factual	
248	Malicious Mischief	doctrinal	Criminal Law
249	Malicious Prosecution	doctrinal	Torts
250	Mandamus	procedural	Civil Procedure
251	Manufactures	factual	
252	Maritime Liens	doctrinal	Maritime Law
253	Marriage	doctrinal	Family Law
255	Master and Servant	doctrinal	Business Associations

256	Mayhem	doctrinal	Criminal Law
257	Mechanics' Liens	doctrinal	Property Law
257A	Mental Health	doctrinal	Health Law
258A	Military Justice	doctrinal	Military Law
259	Militia	doctrinal	Military Law
260	Mines and Minerals	doctrinal	Oil and Gas Law
265	Monopolies	doctrinal	Antitrust Law
266	Mortgages	doctrinal	Secured Transactions
267	Motions	procedural	Civil Procedure
268	Municipal Corporations	procedural	State and Local Government Law
269	Names	factual	
270	Navigable Waters	doctrinal	Water Law
271	Ne Exeat	procedural	Civil Procedure
272	Negligence	doctrinal	Torts
273	Neutrality Laws	doctrinal	Criminal Law
275	New Trial	procedural	Appellate Advocacy
274	Newspapers	factual	
276	Notaries	factual	
277	Notice	procedural	Civil Procedure
278	Novation	doctrinal	Contracts
279	Nuisance	doctrinal	Torts
280	Oath	procedural	Evidence
281	Obscenity	doctrinal	Criminal Law
282	Obstructing Justice	doctrinal	Criminal Law
283	Officers and Public Employees	factual	
284	Pardon and Parole	doctrinal	Criminal Procedure
285	Parent and Child	doctrinal	Family Law
286	Parliamentary Law	factual	
287	Parties	procedural	Civil Procedure
288	Partition	doctrinal	Property Law
289	Partnership	doctrinal	Business Associations
290	Party Walls	doctrinal	Property Law
291	Patents	doctrinal	Intellectual Property
292	Paupers	factual	
294	Payment	factual	
295	Penalties	doctrinal	Constitutional Law
296	Pensions	doctrinal	Employee Benefits Law
297	Perjury	doctrinal	Criminal Law
298	Perpetuities	doctrinal	Property Law
300	Pilots	doctrinal	Maritime Law
302	Pleading	procedural	Civil Procedure
303	Pledges	doctrinal	Secured Transactions
305	Possessory Warrant	procedural	Civil Procedure
306	Postal Service	factual	
307	Powers	doctrinal	Estate Planning
307A	Pretrial Procedure	procedural	Civil Procedure
308	Principal and Agent	doctrinal	Business Associations
309	Principal and Surety	doctrinal	Contracts
310	Prisons	factual	
311	Private Roads	doctrinal	Property Law

313	Process	procedural	Civil Procedure
313A	Products Liability	doctrinal	Products Liability
314	Prohibition	procedural	Civil Procedure
315	Property	doctrinal	Property Law
316	Prostitution	doctrinal	Criminal Law
316A	Public Contracts	doctrinal	Contracts
317	Public Lands	doctrinal	Public Land Law
317A	Public Utilities	factual	
318	Quieting Title	doctrinal	Property Law
319	Quo Warranto	procedural	Civil Procedure
	Racketeer Influenced and Corrupt		
319H	Organizations	doctrinal	Criminal Law
320	Railroads	factual	
321	Rape	doctrinal	Criminal Law
322	Real Actions	procedural	Civil Procedure
323	Receivers	doctrinal	Creditors' and Debtors' Rights
324	Receiving Stolen Goods	doctrinal	Criminal Law
325	Recognizances	procedural	Civil Procedure
326	Records	factual	
327	Reference	procedural	Civil Procedure
328	Reformation of Instruments	factual	
330	Registers of Deeds	factual	
331	Release	doctrinal	Contracts
332	Religious Societies	doctrinal	Non-Profit Organizations
333	Remainders	doctrinal	Property Law
334	Removal of Cases	procedural	Federal Courts
335	Replevin	doctrinal	Property Law
336	Reports	factual	
337	Rescue	doctrinal	Criminal Law
338	Reversions	doctrinal	Property Law
339	Review	procedural	Appellate Advocacy
340	Rewards	doctrinal	Contracts
341	Riot	doctrinal	Criminal Law
342	Robbery	doctrinal	Criminal Law
343	Sales	doctrinal	Contracts
344	Salvage	doctrinal	Maritime Law
345	Schools	doctrinal	Education Law
346	Scire Facias	procedural	Civil Procedure
347	Seals	factual	
348	Seamen	doctrinal	Maritime Law
349	Searches and Seizures	doctrinal	Criminal Procedure
349A	Secured Transactions	doctrinal	Secured Transactions
349B	Securities Regulation	doctrinal	Securities Regulation
350	Seduction	doctrinal	Torts
350H	Sentencing and Punishment	doctrinal	Criminal Procedure
351	Sequestration	procedural	Civil Procedure
352	Set-off and Counterclaim	procedural	Civil Procedure
353	Sheriffs and Constables	factual	
354	Shipping	doctrinal	Maritime Law
355	Signatures	factual	
356	Slaves	doctrinal	Constitutional Law

356A	Social Security and Public Welfare	doctrinal	Employee Benefits Law
357	Sodomy	doctrinal	Constitutional Law
358	Specific Performance	doctrinal	Contracts
359	Spendthrifts	factual	
360	States	procedural	State and Local Government Law
361	Statutes	procedural	Statutory Construction
362	Steam	factual	
363	Stipulations	procedural	Evidence
365	Submission of Controversy	procedural	Civil Procedure
366	Subrogation	doctrinal	Contracts
367	Subscriptions	doctrinal	Non-Profit Organizations
368	Suicide	doctrinal	Constitutional Law
369	Sunday	factual	
370	Supersedeas	procedural	Civil Procedure
371	Taxation	doctrinal	Taxation
372	Telecommunications	doctrinal	Communications Law
373	Tenancy in Common	doctrinal	Property Law
374	Tender	doctrinal	Contracts
375	Territories	factual	
376	Theaters and Shows	doctrinal	Entertainment Law
378	Time	procedural	Civil Procedure
379	Torts	doctrinal	Torts
380	Towage	doctrinal	Maritime Law
381	Towns	procedural	State and Local Government Law
382	Trade Regulation	doctrinal	Consumer Protection
384	Treason	doctrinal	Criminal Law
385	Treaties	doctrinal	International Law
386	Trespass	doctrinal	Criminal Law
387	Trespass to Try Title	doctrinal	Property Law
388	Trial	procedural	Civil Procedure
389	Trover and Conversion	doctrinal	Torts
390	Trusts	doctrinal	Wills and Trusts
391	Turnpikes and Toll Roads	factual	
392	Undertakings	procedural	Civil Procedure
393	United States	factual	
394	United States Magistrates	factual	
395	United States Marshals	factual	
396	Unlawful Assembly	doctrinal	Criminal Law
396A	Urban Railroads	factual	
398	Usury	doctrinal	Creditors' and Debtors' Rights
399	Vagrancy	doctrinal	Criminal Law
400	Vendor and Purchaser	doctrinal	Contracts
401	Venue	procedural	Civil Procedure
402	War and National Emergency	doctrinal	Constitutional Law
403	Warehousemen	factual	
404	Waste	doctrinal	Property Law
405	Waters and Water Courses	doctrinal	Water Law
406	Weapons	doctrinal	Criminal Law
407	Weights and Measures	factual	
408	Wharves	factual	

409	Wills	doctrinal	Wills and Trusts
410	Witnesses	procedural	Evidence
411	Woods and Forests	doctrinal	Property Law
413	Workers' Compensation	doctrinal	Workers' Compensation
414	Zoning and Planning	doctrinal	Land Use Law
450	Merit Systems Protection	factual	
231H	Labor and Employment	doctrinal	Employment Law
241E	Limited Liability Companies	doctrinal	Business Associations
315T	Public Amusement and Entertainment	doctrinal	Entertainment Law
382T	Trademarks	doctrinal	Intellectual Property
392T	Unemployment Compensation	doctrinal	Employee Benefits Law