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The United States Supreme Court: Visualizations and Metrics (60 Years of Data)



Cases With West Topics Per Month Per Court

Year	All Topics	Warren	Burger	Rehnquist	Stevens	Souter	Alito	Roberts
1953	100	100	100	100	100	100	100	100
1954	100	100	100	100	100	100	100	100
1955	100	100	100	100	100	100	100	100
1956	100	100	100	100	100	100	100	100
1957	100	100	100	100	100	100	100	100
1958	100	100	100	100	100	100	100	100
1959	100	100	100	100	100	100	100	100
1960	100	100	100	100	100	100	100	100
1961	100	100	100	100	100	100	100	100
1962	100	100	100	100	100	100	100	100
1963	100	100	100	100	100	100	100	100
1964	100	100	100	100	100	100	100	100
1965	100	100	100	100	100	100	100	100
1966	100	100	100	100	100	100	100	100
1967	100	100	100	100	100	100	100	100
1968	100	100	100	100	100	100	100	100
1969	100	100	100	100	100	100	100	100
1970	100	100	100	100	100	100	100	100
1971	100	100	100	100	100	100	100	100
1972	100	100	100	100	100	100	100	100
1973	100	100	100	100	100	100	100	100
1974	100	100	100	100	100	100	100	100
1975	100	100	100	100	100	100	100	100
1976	100	100	100	100	100	100	100	100
1977	100	100	100	100	100	100	100	100
1978	100	100	100	100	100	100	100	100
1979	100	100	100	100	100	100	100	100
1980	100	100	100	100	100	100	100	100
1981	100	100	100	100	100	100	100	100
1982	100	100	100	100	100	100	100	100
1983	100	100	100	100	100	100	100	100
1984	100	100	100	100	100	100	100	100
1985	100	100	100	100	100	100	100	100
1986	100	100	100	100	100	100	100	100
1987	100	100	100	100	100	100	100	100
1988	100	100	100	100	100	100	100	100
1989	100	100	100	100	100	100	100	100
1990	100	100	100	100	100	100	100	100
1991	100	100	100	100	100	100	100	100
1992	100	100	100	100	100	100	100	100
1993	100	100	100	100	100	100	100	100
1994	100	100	100	100	100	100	100	100
1995	100	100	100	100	100	100	100	100
1996	100	100	100	100	100	100	100	100
1997	100	100	100	100	100	100	100	100
1998	100	100	100	100	100	100	100	100
1999	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100
2001	100	100	100	100	100	100	100	100
2002	100	100	100	100	100	100	100	100
2003	100	100	100	100	100	100	100	100
2004	100	100	100	100	100	100	100	100
2005	100	100	100	100	100	100	100	100
2006	100	100	100	100	100	100	100	100
2007	100	100	100	100	100	100	100	100
2008	100	100	100	100	100	100	100	100
2009	100	100	100	100	100	100	100	100
2010	100	100	100	100	100	100	100	100
2011	100	100	100	100	100	100	100	100
2012	100	100	100	100	100	100	100	100
2013	100	100	100	100	100	100	100	100
2014	100	100	100	100	100	100	100	100
2015	100	100	100	100	100	100	100	100
2016	100	100	100	100	100	100	100	100
2017	100	100	100	100	100	100	100	100
2018	100	100	100	100	100	100	100	100
2019	100	100	100	100	100	100	100	100
2020	100	100	100	100	100	100	100	100
2021	100	100	100	100	100	100	100	100
2022	100	100	100	100	100	100	100	100

ABOUT THE DATASET

The dataset contains information about all United States Supreme Court cases that have been decided from 1953 to the 2022 term through the end of the 2022 term. Of the 400 topics in the West hierarchy, 200 appear in cases reported by the court for the time period. All are automatically connected with other topics. The data are formatted by hand from the 50 Justice database - primarily because of issues related to the authors and history of the Indiana University School of Law for non-commercial use. The dataset was originally obtained and prepared by hand. The dataset contains information about 7,000 cases which contain a combined total of 19,000 topic mentions.

Data Elements:

- Case Name
- Chief Justice at Date of Issuance
- Chief Justice at West Issuance
- Complexity of topic from West
- Case Complexity of West from West

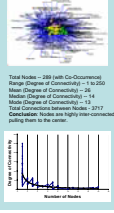
Visualization Software Tools:

- InfoVis, Network, TimeSeries

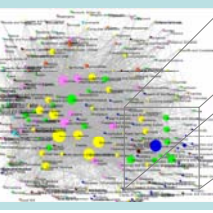
Analysis Objectives:

- To map the work of the Supreme Court based on the composition of cases, by least topics in Supreme Court cases.
- To visualize whether the categories and sub-categories of West's Order of the Law suggest the manner in which topics occur in cases.
- To understand trends in the evolution of the Court.
- To compare the topics assigned by each Court.

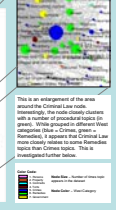
Extra Dataset - No Thresholding



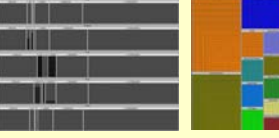
Fisheye View of the Center of the Graph



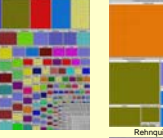
This is an enlargement of the area around the Center of the Graph



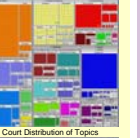
West Category by Court



Topic Frequency Over Entire Dataset



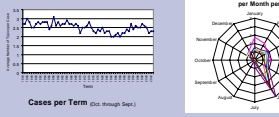
Warren Court Distribution of Topics



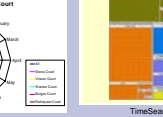
Crimes Category Extracted from Network



Average Topics per Case per Term



Average Number of Opinions Issued per Month per Court



Rehnquist Court Distribution of Topics



Remedies Category Extracted from Network



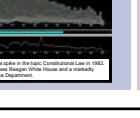
Cases per Term



The Explosion of Civil Rights Litigation



TimeSearcher Reveals a Spike



Crimes Plus Remedies Edge Weight > 3

