An Alternate Timeline of the Supreme Court of the United States — and the Citizens It Affects

Research Question: How Might the 1971 Institution of a Term Limit for U.S. Supreme Court Justices Have Affected the Composition of the 2020 Court — as Well as the Intervening Courts' Decisions?

ABSTRACT

In the Fall of 2020, with re-emerging arguments in favor of term limits for the Supreme Court of the United States (SCOTUS), this project proposed to explore the effects of an 'Alternate timeline' wherein an 18-year term limit was instituted in 1971. Using a set of basic parameters and established (and extrapolated) Liberal-to-Conservative scoring metrics, Actual and Alternate ideological timelines were built. From these, a portrait of the Alternate sitting Court was established and case studies of notable SCOTUS decisions were examined. The findings shed light on national perceptions of SCOTUS ideology and currently proposed legislation on term limits, while laying a potential foundation for additional, more complex models.

INTRODUCTION

The State of the Court

As the 2020 U.S. presidential election approached, the stakes of a contest that was already framed as existential by both the left and right wings of the nation were raised a little more — or certainly cast in an even starker light. The death of Supreme Court Justice Ruth Bader Ginsburg — a prospect that had filled public figures and private citizens with a sense of opportunity or dread, depending on their political views — initiated a successful move to confirmation of a new Associate Justice before election day and raised speculation over whether or not that appointee (or a Court without them) would help determine the outcome of a disputed election. As weeks have passed and numerous legal challenges have been refuted, the implications of Court appointments have remained.

Weighing over this is the realization by some that the sitting president was elected with less than a majority or plurality of the popular vote and has subsequently nominated two Associate Justices who were confirmed by narrow margins in the Senate with: Neil Gorsuch receiving Yea votes from Senators who had collectively received fewer votes than those voting Nay in their most recent elections (McMahon, 2018); Brett Kavanaugh receiving Yea votes from Senators who represent less than half (44.2%) of the U.S. population (Bump, 2018). Gorsuch was the first time that such a convergence of non-majorities occurred. Amy Coney Barrett — who was appointed to replace Ginsburg during the execution of this project — became the third time, meaning that a full third of the bench might be viewed as appointed by a less-than-democratic process.

(Re)Enter Term Limits

With such a focus on the judiciary, its impact and its potential politicization, it is only natural that talk turned once more to term limits for the Supreme Court. Even before this election and Ginsburg's death, the notion of term limits has been raised by various parties over the years and was even a discussion at the nation's founding.

These discussions are non-partisan. While a push by organizations like Fix the Court and the Center for American Progress may be viewed (in light of the current situation) to be addressing this from a more left-leaning angle, the idea has also been supported by more conservative publications such as National Review, which itself cites now-Chief Justice John Roberts as supporting the idea in 1983, while serving in the Reagan White House (Fund, 2019).

While at that time Roberts proposed 15 years as a possible term limit and the Center for American Progress notes the same number as a possibility (Buchanan, 2020), a more common number being floated is 18 years, which appears to stem from a 2006 article in the Harvard Journal of Law and Public Policy. Writing back when there had just elapsed an 11-year period with no appointees, this article proposed a system (including a constitutional amendment) wherein the court is fixed at nine Justices, with staggered 18-year term limits effectively giving two appointments to one-term presidents, and four appointments to two-term presidents (Calabresi, et al, 2006). (On the surface, this of course supposes that no Justice dies in office or simply decides to retire.)

The timeliness of this discussion is made even more apparent by the current proposal — again raised during the time of this project — of The Supreme Court Term Limits and Regular Appointments Act, which was introduced in the House of Representatives on September 29, 2020. (Fix the Court, 2020) This bill would eliminate life tenure on the Court with an 18-year term limit, allow for former Justices to fill-in during vacancies and waives Senate "advise and consent authority" if it is not executed within 120 days of a Justice's nomination (The Supreme Court Term Limits and Regular Appointments Act).

Other Proposals

While either 15 or 18 years might be considered reasonable suggestions, considering that Justices served an average of 14.9 years from 1789 to 1970 (Calabresi, et al, 2006), some have proposed not a term limit, but a retirement age of 75, as seen in other countries (Berman, 2020). Putting aside for a moment the possible insinuations of ageism, this is a valid historical argument. After the previously referenced deliberation, the writers of the Constitution decided that "The judges, both of the supreme and inferior courts, shall hold their offices during good behaviour..." (US Const.) which was a fair proposal at a time when life expectancy was approximately 38 years (Fund, 2019). In contrast, the last three Justices to die in office (all in the past 15 years) averaged 82 years of age when they passed. Prior to the first of those (Rhenquist in 2005), one has to go back to 1953 to find a Justice who died in office, which is indicative perhaps of a more recent trend toward longer tenures. As a kind of term limit, this is worth factoring into exploration.

More 'radical' departures from structure, such as Pete Buttigieg's proposal for a 15-member Court (wherein five Justices are appointed by Democrats, and five by Republicans with an additional five appointed by those combined ten) (Millhiser, 2019), as well as notions of "court packing" are more side notes to the primary proposals listed above.

What Does This Mean in Application?

It is with these very relevant developments and arguments in mind that this project proposed to

practically explore the question: How might the 1971 institution of a term limit for U.S. Supreme Court Justices have affected the composition of the 2020 Court — as well as the intervening Courts' decisions?

Fix the Court has mapped out how their proposal would play out over 27 years (Fix the Court, 2020) but of course cannot predict who will be in the White House or Senate during those years. This study, utilizing readily obtainable data of Court composition dating back to 1971, implements parameters wherein Justices are removed at the end of a theoretical term limit and then replaced by mean-based ideological archetypes of those appointed by the President at that time, and present where we might otherwise have stood at this point of partisan divide.

By applying these parameters to an existing Court, and reviewing compositions from the past during a particularly divisive time, we might achieve some sense of the tangible effect of the term limit proposals. Would we still be looking at three Justices whose legitimacy is questioned? Would we be facing a judicial appointment as a ruling on the outcome of a presidential election stands as a very real possibility? The results may shed some light on the arguments moving forward, as those almost certainly will not abate. To place such questions in relatable, concrete terms, the project then explored not only how this affects the present, but applies the effect of such limits to past Court decisions.

METHODS

Obtaining the Data

In order to investigate the effects of term limits on U.S. Supreme Court composition, it was first necessary to establish a portrait of the Court in historic and contemporary light. This has been crafted through a series of tables containing tenurial, ideological and personal data.

The base data set for this project is a table of all Supreme Court Justices who have served on the court since 1971, including any part of that year. This ranges from Hugo Black and John Marshall Harlan II, both of whose tenures ended in September of 1971, to Amy Coney Barrett, who was appointed in October of 2020. This data was collected and aggregated from a number of readily available and reliable online sources. Term lengths and other justice-specific information (e.g. birth, death, confirmation vote) were obtained from the Supreme Court's web site (Justices 1789 to Present) with Wikipedia's listing of Justices (List of justices of the Supreme Court of the United States) used as a handy reference for order of all Justices, a listing of which Justice they replaced and their tenure length in years and days. The Supreme Court site also identified the appointing President, for whom I was able to assign a political party using personal knowledge.

Justice ideology was based on Martin-Quinn Scores — specifically the Estimated Martin-Quinn Score (posterior mean) — which can be obtained on the Martin-Quinn Scores site (Martin-Quinn Scores: Measures) as a downloadable csv file. These scores, generated using data from Washington University Law's Supreme Court Database (The Supreme Court Database) measure "the relative location of U.S. Supreme Court justices on an ideological continuum" (Martin-Quinn Scores: Description) ranging from approximately +6 (Conservative) to -7 (Liberal) at the far ends. Originally presented as the basis of dynamic models in Andrew D. Martin and Kevin M. Quinn's "Dynamic Ideal Point Estimation via Markov Chain Monte Carlo for the U.S. Supreme Court, 1953-1999," (Martin and Quinn), their use in visualizations produced by other reputable sources including fivethirtyeight.com and The Washington Post lend them ample authority as an accepted metric for representing ideology

in this exploration.

That dataset, in conjunction with a generated table of historical ideological rankings (once more utilizing Martin-Quinn Scores), was then used to create a heatmap documenting the Court's composition for every month from January 1971 to December of 2020, the creation and further development of which will be explained in more depth later.

Initial Dataset: Justices 1971 to Present

The initial dataset (Appendix A), hand-compiled as a Google sheet, contains a list of 26 Justices that have served since January 1971. Along with their First and Last Name, each Justice has an ID number, denoting their overall place in appointment to the Court as well as a Position of Chief or Associate Justice (and in the case of William Rehnquist, both). Start Term and End Term Dates are presented as month day and year, with Length of Tenure converted from months and days to a decimal for computing purposes. (For sitting/incumbent Justices, there is of course no End Term Date, and Length of Tenure was computed to the end of October 2020, when comparisons began.)

As the Martin-Quinn Scores obtained online present a different score for each year of a Justice's term, a mean of all available years for each Justice was established as a representative score. (As Barrett has no established Martin-Quinn Score, a temporary value had to be assigned to her. Based on all current reporting and her own comments, she was given a placeholder Martin-Quinn Score to match that of her mentor, Antonin Scalia.)

For political context, each Justice's listing contains the name of the President they were Appointed By, the Party of that President, and their Confirmation Vote. All could be even more relevant in future analyses and explorations of the data, while the appointing President helped establish a mean Judicial ideology for that President. Lastly, personal and professional data is provided in the form of Birth (for possible exploration of a retirement age option in future study), Death and the State Appointed From.

Categorizing Ideology and Defining Time Frame

To establish the Liberal or Conservative lean of the Court over the period since 1971, I first went back to examine the Martin-Quinn Scores for Justices back to 1937 (the first year for which these scores are available), and created a table of their mean scores. (Appendix B) This span includes 47 Justices, who were placed in order from Liberal (William Douglas, a true extreme at -4.725) to Conservative (3.6037 for Clarence Thomas). Each Justice was then placed in a quintile of 9 or 10 across that spectrum. Quantile locations for this uneven division were determined based on proximity of borderline Justices to their neighbors. By first assigning all Justices since 1937 these values, it allowed the Justices since 1971 to be placed in a larger context.

At this point it should be noted that 1971 was selected as a start year for several reasons. For one it establishes a solid, 50-year 'modern' cycle over which the institution of a term limit would have a more profound, cumulative effect. Also, as noted previously, Justices serving from 1789 to 1970 averaged a Tenure Length of 14.9 years (Calabresi, et al, 2006), almost exactly the length of the 15-year term limit proposed by some. In contrast, looking at all completed tenures (whether by death or retirement) starting with the Justices in this study's post-1970 set, the shortest length of tenure is 15.47 years and the average is approximately 26.7 years. (Of the sitting court, Stephen Breyer (26.23) is right at this average and Clarence Thomas (29.01) is comfortably past it, while John Roberts and Samuel Alito are both around 15 as of this project's initiation. With such a marked increase in tenure length, this period seemed ideal for the exploration of setting limits. Its inclusion of one of

the landmark and most contentious Supreme Court decisions in Roe v. Wade was coincidental, but proved extremely insightful down the line.

The Ideological Heatmap

Utilizing the initial dataset, I created a third table (Appendix C) with Justices color-coded according to ideological quintile (deep blue, medium blue, purple, medium red, deep red) and ranked (literally and figuratively) left-to-right according to their Martin-Quinn Score, with the appointing President also listed, as an aid to future analysis. The table contains separate entries — and therefore Court compositions — for every month of each year back to January of 1971 (600 total listings), with presumed values projected (and then confirmed) for the last two months of 2020, and Justices shifting left or right as necessary in the ideology order, as new appointments were made.

In assigning months, if a Justice served for a full week of any month, starting or ending the month, they were given that month. If the month was split, it went to the Justice who served more time. For example, William Rehnquist started January 7 of 1972, and died in office September 3 of 2005, so he gets that January, but not that September. His replacement, John Roberts, started September 29 of that year, so his listing actually starts in October 2005. Antonin Scalia essentially replaced Warren Burger in September of 1986, with a transition day of Sept 26, so the month goes to Burger. Vacancies contain no Justice name or score, and all other Justices maintain their position, ideologically speaking. None of the specific cases that are examined later in this report occurred during such a transitional month.

Writing the Alternate History

With the time frame and rankings established and the 'Actual' heatmap organized temporally and ideologically, an additional 'Alternate' heatmap (Appendix D) was now hand-generated to represent the effects of an 18-year term limit — instituted at the beginning of the post-1970 dataset. Sitting Court members for 1971 were grandparented in and allowed to 'finish' their tenure, as if a constitutional amendment were ratified that year, while those appointed after were limited to the proposed tenure. When vacancies occurred, Justices were immediately replaced by fictional ones (and possibly earlier or later appointments of actual ones) whose Martin-Quinn Scores and quintile assignments align with that President's historical appointments.

If the Justice retired, they were replaced immediately — working with the presumption that one would be able to plan for this. However, if in the actual timeline a Justice died before arriving at 18 years, the gap that followed their tenure was maintained. For example, with Potter Stewart, Sandra Day O'Connor's appointment was moved to a few months earlier, but since she served under 18 years, she retired at the same time, being replaced by Samuel Alito. John Marshall Harlan II retired after 16 years in office (we'll call that unexpected) so the 3-month gap before his replacement by William Rehnquist was maintained. On the other hand, Hugo Black retired the same year, but having served since 1937 was immediately replaced by Lewis Powell.

When an appointment could be maintained within one year of its 'Actual' occurrence, 'Actual' Justices were still appointed in the Alternate timeline. For example, Sonia Sotomayor replaced David Souter in reality, but in the Alternate version, she replaces Clarence Thomas, who would have been forced to retire just over a year after Souter would have been. In the Alternate timeline, Barack Obama appoints both Sotomayor and Elena Kagan later — by two months and eleven months, respectively — while George H. W. Bush appoints Souter seven months earlier. George W. Bush appoints John Roberts (though presumably not as Chief Justice) exactly one year earlier, but if

there's more than a year of stretching, a new Justice was introduced.

In those instances where a 'fictional' Justice had to be inserted, a mean was determined from the Martin-Quinn Scores of the sitting President's other appointments and an archetype placeholder was created with the President's name and the number of that appointment. So Bill Clinton's mean Martin-Quinn Score of -1.4821 was applied to his third and fourth appointments, 'Clinton 3' and 'Clinton 4'.

To maintain the model with set parameters, allowance was not made for political machinations in the Alternate timeline, such as a Justice retiring early to give a President of their party another appointment. Likewise, the potential success of failed nominations like Robert Bork and Douglas Ginsburg in Reagan's replacement of Powell (eventually with Anthony Kennedy).

While the focus of this project is an 18-year limit (as proposed in the aforementioned House bill), some exploration was done around a 15-year term-limit, using the same parameters. This scenario resulted in some fascinating developments, including perennial swing justice Anthony Kennedy never serving, and George W. Bush appointing an astounding seven Justices. While some of these occurrences are fascinating to consider, it was removed from further consideration to maintain focus.

Compare and Contrast

Of course, with these two heatmaps created, it seems a shame to examine just the sitting Court, so the next step was determining Alternate decisions for impactful or landmark cases during the 50-year period covered by these timelines. Thinking in broad terms with understandable context for the everyday citizen, it became possible to explore 'what might have been.'

To this end, notable decisions for that period were reviewed and one was selected for each decade to examine possible alternate outcomes. The cases are defined later in this report, but the votes of each Justice were initially sourced from Wikipedia and then corroborated by the Oyez website (a project of Cornell's Legal Information Institute, Justia, and Chicago-Kent College of Law), which provided clearer breakdowns. In determining how 'Alternate' Justices would vote, their Martin-Quinn Scores were compared with those of Justices from the 'Actual' timeline to determine majority or minority. As Justices, relative to SCOTUS opinions, are most commonly defined by 'majority' or 'dissent' in a particular case, that categorization shifted with the number of Justices in favor or opposed to a decision. Lastly, in looking at these decisions, which often have multiple questions and therefore complicated votes of majority, concurrence and dissent for different parts of a decision, the most recognizable aspect or impactful vote was used for simplicity sake. (For example, the 2000 case of Bush v. Gore is most known for the 5-4 decision that halted the Florida recount, so that is the decision that was examined.)

RESULTS

Where the Sitting Court Stands

The full results of the heatmap explorations can be found in Appendices C and D. To answer the initial question of the composition of the Sitting Court (December 2020) in the Alternate timeline, the Alternate heatmap presents a Court that looks a little more Liberal than where the Actual Court currently rests. (See Table 1.) While Chief Justice John Roberts remains the median Justice, his immediate neighbor to the left is not Brett Kavanugh (still very much perceived as 'Conservative') but the established Liberal Elena Kagan, and the dark red of the Actual is replaced by a solid chunk of dark

blue. The mean of Martin-Quinn Scores shifts from a 'Center' 0.5436 to a 'Liberal' -0.2275. Both of these can then be contrasted to means of 0.1198 for all Justices since 1971 and 0.2588 since 1937.

Table 1: Actual vs. Alternate Justices. December 2020

Actual Justices, December 2020

Quintile 1 (Far Liberal)	Quintile 2 (Liberal)	Quintile 3 (Center)	Quintile 4 (Conservative)	Quintile 5 (Far Conservative)
S Sotomayor -2.6794	S Breyer -1.2332	B Kavanaugh 0.5405	N Gorsuch 0.9823	S Alito 1.8167
E Kagan -1.5824		J Roberts 0.9303		Barrett 2.5145
				C Thomas 3.6037

Alternate Justices, December 2020

Quintile 1 (Far Liberal)	Quintile 2 (Liberal)	Quintile 3 (Center)	Quintile 4 (Conservative)	Quintile 5 (Far Conservative)
S Sotomayor -2.6794		J Roberts 0.9303	N Gorsuch 0.9823	S Alito 1.8167
[Obama -2.1309]			[GWBush 1.3735]	
[Obama -2.1309]			[GWBush 1.3735]	
E Kagan -1.5824				

It is a Court that likely causes less concern for Liberals over any potential decisions related to abortion rights, but more on that later.

Looking to the outcome of the 2020 election, and presuming all other factors would remain the same, the next presidency would have the opportunity to replace Roberts, Alito and one archetypal George W. Bush appointee. A second Donald Trump term would presumably keep the Court 5 to 4 Conservative, while a first term for Joe Biden would make it 7 to 2 Liberal.

'What Might Have Been'

That addresses the initial question — the present — but what about the past? If we are to think about how such term limits might define the future, value can be obtained by theoretically rewriting the past. To that end, five high-profile Supreme Court cases were selected from the observed 50-year period (one per decade) and the implications of the 18-year term limit's Alternate composition were examined to see how the opinions might have played out, based on Judicial ideology. (Static versions of interactive visualizations that were created to explore these cases can be viewed in Appendix E.) Their outcomes tell a more complex (and at times surprising) story than simply looking at the revised sitting Court. The following case studies sum up the Actual and Alternate votes and describe the changes

Obergefell v. Hodges: June 26, 2015

This landmark decision, which guaranteed the right to marry for same-sex couples as a fundamental liberty under the Fourteenth Amendment was actually decided 5-4, with median Justice Anthony Kennedy casting the deciding vote. ("Obergefell v. Hodges," Oyez) In the Alternate timeline Kennedy (mean Martin-Quinn Score [MQS] of 0.6823) is replaced by Bill Clinton's 4th appointment (MQS: -1.4821) and the decision remains the same.

Citizens United v. Federal Election Commission: January 21, 2010
In this decision, centered around Citizens United's film Hillary: The Movie, the Court ruled that,

regardless of a donor's corporate identity, political funding, as a kind of free speech, cannot be limited. In this decision, Kennedy was also the swing vote, but this time sided with the Conservative wing of the Court and, by a 5-4 decision, "big money" was not regulated. ("Citizens United v. Federal Election Commission," Oyez) However, in an Alternate Court, Kennedy is once more replaced as median Justice, this time by Stephen Breyer (MQS: -1.2332) who switches the Majority to the Liberal side and a 5-4 rejection of unlimited corporate donations. (The second part of the decision, restricting advertisements directly related to the Citizens United film also remains a 5-4 Liberal 'victory.')

Bush v. Gore: December 12, 2000

With the outcome of the 2000 presidential election seemingly in the balance, the Supreme Court appeared to hold the nation's future — and possible its own future appointments — in its hands. While the decision that Florida's disparate recount methods were unconstitutional was a solid 7-2 decision, it is the 5-4 majority that halted the recount (citing the inability to reasonably conduct such a task) that is most noted in popular memory. Yet again, Kennedy is the deciding vote. ("Bush v. Gore," Oyez) In the Alternate timeline: David Souter (MQS: -0.7725) takes his place; that vote is presumably 5-4 on the Liberal side; some form of recount proceeds; and Al Gore still stands a chance of being the 43rd President. The likelihood of that being the outcome of a recount is a matter of debate, and a topic for a different study, but it is worth noting that George W. Bush went on to appoint two Justices over his two terms, and — term limits or not — those two Justices are (or would be) on the sitting Court during the time of this writing.

Texas v. Johnson: June 21, 1989

In this landmark case on free speech, the Supreme Court decided that burning the American flag is protected under the First Amendment. In both Actual and Alternate timelines, the vote is 5-4, with perennial swing vote Anthony Kennedy again sitting in the Majority. However, what is surprising — and telling — here is that while the Court composition is exactly the same, the vote composition is different. In the Actual vote, we see a serious crossing of ideological lines, that includes both Thurgood Marshall (MQS: -2.8313) and Antonin Scalia (MQS: 2.5145) voting with Kennedy ("Texas v. Johnson," Oyez). If we went with the presumption of Liberals as pro-expression, pro-civil liberties, pro-free speech and 'pro-flag burning' they would still 'win,' but the flaws in presuming votes based on ideology begin to show.

Roe v. Wade: January 22, 1973

This brings us to what is undeniably one of the most famous and contentious cases in Supreme Court history. Despite that reputation, and the polarizing nature of the topic in the United States, the 7-2 decision in favor of 'Jane Roe' and protection of abortion rights under the Fourteenth Amendment and its inherent "right to privacy" — with some restrictions — was surprisingly one-sided and non-ideological ("Roe v. Wade," Oyez). Sitting as it does at the start of this exploration, the Court's composition in the Alternate timeline remains exactly the same — and remarkably similar to the Court's composition today.

Yet if we apply the kind of Liberal-Conservative central line that we presume (not without reason) to today's Court, abortion rights are likely not protected to the same degree. Specifically, if we place the dividing line between Potter Stewart (MQS: 0.4022) and Byron White (MQS: 0.436) — who voted for and against Roe, respectively, in the Actual — the vote is 5-4 against Roe, and abortion rights are curtailed.

It can readily be argued that the Alternate decisions could easily have been 5-4 for Roe, as

both Stewart's and White's Martin-Quinn Scores are 'left' of the median, yet 'right' of the mean, looking at the full suite of Justices since 1971 and 1937. It is their split in the Actual decision that leads to their split here — except of course that with the Alternate decision we have flipped which side of the line they are on.

But this hairsplitting between the measures for Stewart and White misses the point. The original vote was 7-2, and it was split across ideologies. So is there a problem with the methodology and the ranking or is it in our presumptions vis-a-vis ideological voting? Or perhaps with where the U.S. has come as a divided country?

DISCUSSION

The Bigger Picture

Alternate histories allow us to look at the world in a new light — but that light is of course filtered by the parameters we set. Future explorations of the kind of history established here might factor in a good deal more complexity (such as the compositions of the Senate), and with a larger number of case studies, a much more complex portrait could be painted. In the end, as an Alternate timeline, there is nothing 'proven' by such explorations. Instead, they serve as a means for asking questions or examining our own conceptions (justified or not) of judicial ideology today.

With that in mind, let's compare row contents from the heatmaps again, this time not of Actual and Alternate sitting Courts, but rather of the Actual sitting Court in December 2020 and the Actual Court that decided Roe v. Wade in June 1973 (which, again, does not change in the Alternate timeline). In 1973, the mean Martin-Quinn Score for the Court was 0.096 and the median was 0.436. In December 2020, the mean is 0.5436 and the median 0.9303. While those numbers may seem indicative of the general rightward shift of the Court over this project's 50-year period, it is worth looking at the quintile assignments in Table 2.

Table 2: Justices. December 2020 vs. June 1973

Actual Justices. December 2020 (Mean = 0.5436: median = 0.9303)

Quintile 1 (Far Liberal)	Quintile 2 (Liberal)	Quintile 3 (Center)	Quintile 4 (Conservative)	Quintile 5 (Far Conservative)								
S Sotomayor -2.6794	S Breyer -1.2332	B Kavanaugh 0.5405	N Gorsuch 0.9823	S Alito 1.8167								
E Kagan -1.5824		J Roberts 0.9303		Barrett 2.5145*								
				C Thomas 3.6037								

Actual / Alternate Justices, June 1973 (Mean = 0.096; median = 0.436)

Quintile 1 (Far Liberal)	Quintile 2 (Liberal)	Quintile 3 (Center)	Quintile 4 (Conservative)	Quintile 5 (Far Conservative)
W Douglas -4.725	H Blackmun -0.0273	P Stewart 0.4022	L Powell 0.9696	W Brennan 1.7802
T Marshall -2.8313		B White 0.436		W Burger 1.89
				W Rehnquist 2.969

The quintile distribution is exactly the same. What does it mean that a case as polarizing as Roe v. Wade was 7-2 in favor of abortion rights in its day but seems inconceivable, and likely to go

5-4 or 6-3 in the other direction with a Court whose composition is remarkably similar? As in the case study of the Actual and Alternate Roe v. Wade decisions, only by shifting to a polarized view does a lopsided decision suddenly becomes borderline at best.

In Conclusion

If we look to the past to interpret the present and consider our future, then what does the application (and presumptions) of the ideologies in this alternate timeline say about a nation's views (founded or unfounded) on the composition of the Court today? While a deeper investigation of those views in the context of this project's explorations would provide further insight, it is telling to look at the headlines that fear an overturning or crippling of Roe v. Wade by a Court that resembles one that voted 7-2 in favor of 'Jane Roe.' It appears that the polarization that has infected other branches of the U.S. government has officially infected the most impartial — or at the very least, its citizens' perceptions of it. While this may not 'prove' the need for term limits, it certainly presents a strong case. If the Judiciary, like the Legislative and Executive, is viewed as an ideological body, then perhaps it should have similar temporal limits. •

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Appendix A: Initial Dataset, Justices 1971 to Present

ID	Position	Last	First	Start Term Date	End Term Date	Length of Tenure	Martin-Quinn Score (Mean)	Apppointed By	Pres Party	(Original) Confirmation Vote	Birth	Death	State Appointed From
117	AJ	Barrett	Amy Coney	October 27, 2020	-	0	2.5145*	Trump	R	52-48	1972	-	IN
116	AJ	Kavanaugh	Brett	October 6, 2018	-	2.06	0.5405	Trump	R	50-48	1965	-	MD
115	AJ	Gorsuch	Neil	April 10, 2017	-	3.55	0.9823	Trump	R	54-45	1967	-	CO
114	AJ	Kagan	Elena	August 7, 2010	-	10.22	-1.5824	Obama	D	63-37	1960	-	MA
113	AJ	Sotomayor	Sonia	August 8, 2009	-	11.22	-2.6794	Obama	D	68-31	1954	-	NY
112	AJ	Alito	Samuel	January 31, 2006	-	14.74	1.8167	Bush, GW	R	58-42	1950	-	NJ
111	CJ	Roberts	John	September 29, 2005	-	15.08	0.9303	Bush, GW	R	78-22	1955	-	MD
110	AJ	Breyer	Stephen	August 3, 1994	-	26.23	-1.2332	Clinton	D	87–9	1938	-	MA
109	AJ	Ginsburg	Ruth Bader	August 10, 1993	September 18, 2020	27.11	-1.731	Clinton	D	96-3	1933	2020	NY
108	AJ	Thomas	Clarence	October 23, 1991	-	29.01	3.6037	Bush, GHW	R	52-48	1948	-	GA
107	AJ	Souter	David	October 9, 1990	June 29, 2009	18.72	-0.7725	Bush, GHW	R	90-9	1939	-	NH
106	AJ	Kennedy	Anthony	February 18, 1988	July 31, 2018	30.47	0.6823	Reagan	R	97-0	1936	-	CA
105	AJ	Scalia	Antonin	September 26, 1986	February 13, 2016	29.38	2.5145	Reagan	R	98-0	1936	2016	VA
104	AJ	O'Connor	Sandra Day	September 25, 1981	January 31, 2006	24.35	1.0147	Reagan	R	99–0	1930	-	AZ
103	AJ	Stevens	John Paul	December 19, 1975	June 29, 2010	34.53	-1.8098	Ford	R	98–0	1920	2019	IL
102	CJ / AJ	Rehnquist	William H.	January 7, 1972	September 3, 2005	33.65	2.969	Nixon	R	68-26	1924	2005	AZ
101	AJ	Powell	Lewis	January 7, 1972	June 26, 1987	15.47	0.9696	Nixon	R	89-1	1907	1998	VA
100	AJ	Blackmun	Harry	June 9, 1970	August 3, 1994	24.15	-0.0273	Nixon	R	94–0	1908	1999	MN
99	CJ	Burger	Warren	June 23, 1969	September 26, 1986	17.26	1.89	Nixon	R	74-3	1907	1995	VA
98	AJ	Marshall	Thurgood	October 2, 1967	October 1, 1991	24	-2.8313	Johnson, L	D	69-11	1908	1993	NY
95	AJ	White	Byron	April 16, 1962	June 28, 1993	31.2	0.436	Kennedy	D	Acclamation	1917	2002	CO
94	AJ	Stewart	Potter	October 14, 1958	July 3, 1981	22.72	0.4022	Eisenhower	R	70-17	1915	1985	OH
92	AJ	Brennan	William	October 16, 1956	July 20, 1990	33.76	1.7802	Eisenhower	R	Acclamation	1906	1997	NJ
91	AJ	Harlan II	John Marshall	March 28, 1955	September 23, 1971	16.49	1.6205	Eisenhower	R	71–11	1899	1971	NY
81	AJ	Douglas	William	April 17, 1939	November 12, 1975	36.58	-4.725	Roosevelt, F	D	62-4	1898	1980	CT
78	AJ	Black	Hugo	August 19, 1937	September 17, 1971	34.08	-1.7645	Roosevelt, F	D	63-16	1886	1971	AL

Appendix B: Quintiles of Judicial Ideological Means

Append	אוג ש: ט	uintiles of	Judiciai	ideologic
Term Start	ID	Justice	Martin-Quinn Score (Mean)	Ideological Quintile
1938	81	WODouglas	-4.725	Liberal
1967	98	TMarshall	-2.8313	
2009	113	SSotomayor	-2.6794	
1975	103	JPStevens	-1.8098	
1937	78	HLBlack	-1.7645	
1993	109	RBGinsburg	-1.731	
1939	82	FMurphy	-1.5892	
1937	77	BNCardozo	-1.585	
2010	114	EKagan	-1.5824	
1965	97	AFortas	-1.325	
1953	90	EWarren	-1.2573	
1994	110	SGBreyer	-1.2332	
1962	96	AJGoldberg	-1.0763	
1990	107	DHSouter	-0.7725	
1937	68	LDBrandeis	-0.608	
1941	83	JFByrnes	-0.188	
1969	100	HABlackmun	-0.0273	
1937	74	HFStone	0.0114	
1937	75	CEHughes2	0.1878	Mean: .2588
1937	79	SFReed	0.3742	
1958	94	PStewart	0.4022	
1961	95	BRWhite	0.436	
1949	88	TCClark	0.4647	
1938	80	FFrankfurter	0.5208	Median: .5208
2018	116	BMKavanaugh	0.5405	
1987	106	AMKennedy	0.6823	
1941	84	RHJackson	0.6985	
2005	111	JGRoberts	0.9303	
1971	101	LFPowell	0.9696	
2016	115	NMGorsuch	0.9823	
1945	86	HHBurton	1.0059	
1981	104	SDOConnor	1.0147	
1946	87	FMVinson	1.0346	
1949	89	SMinton	1.1019	
1956	93	CEWhittaker	1.1663	
1942	85	WBRutledge	1.4093	
1937	76	OJRoberts	1.5218	
1937	71	GSutherland	1.587	
1954	91	JHarlan2	1.6205	
1956	92	WJBrennan	1.7802	
2005	112	SAAlito	1.8167	
1969	99	WEBurger	1.89	
1937	72	PButler	2.2295	
1986	105	AScalia	2.5145	
1971	102	WHRehnquist	2.969	
1937	67	JCMcReynolds	3.482	
1991	108	CThomas	3.6037	Conservative

Appendix C: 'Actual' Ideological Heatmap, 1971 to Present

2020											
	Dec	Trump	S Sotomayor -2.6794						S Alito 1.8167	Barrett 2.5145*	C Thomas 3.6037
2020		Trump	S Sotomayor -2.6794	E Kagan -1.5824	S Breyer -1.2332	B Kavanaugh 0.5405			S Alito 1.8167	Barrett 2.5145*	C Thomas 3.6037
2020		Trump	S Sotomayor -2.6794		E Kagan -1.5824					S Alito 1.8167	C Thomas 3.6037
2020		Trump	S Sotomayor -2.6794				B Kavanaugh 0.5405			S Alito 1.8167	C Thomas 3.6037
2020		Trump					B Kavanaugh 0.5405			S Alito 1.8167	C Thomas 3.6037
2020		Trump			E Kagan -1.5824		B Kavanaugh 0.5405		N Gorsuch 0.9823	S Alito 1.8167	C Thomas 3.6037
2020		Trump	S Sotomayor -2.6794							S Alito 1.8167	C Thomas 3.6037
2020 2020		Trump	S Sotomayor -2.6794 S Sotomayor -2.6794	R Ginsburg -1.731	E Kagan -1.5824 E Kagan -1.5824		B Kavanaugh 0.5405 B Kavanaugh 0.5405	J Roberts 0.9303 J Roberts 0.9303	N Gorsuch 0.9823 N Gorsuch 0.9823	S Alito 1.8167 S Alito 1.8167	C Thomas 3.6037 C Thomas 3.6037
2020		Trump			E Kagan -1.5824		B Kavanaugh 0.5405		N Gorsuch 0.9823	S Alito 1.8167	C Thomas 3.6037
2020		Trump	S Sotomayor -2.6794		E Kagan -1.5824		B Kavanaugh 0.5405			S Alito 1.8167	C Thomas 3.6037
2020		Trump		R Ginsburg -1.731	E Kagan -1.5824		B Kavanaugh 0.5405	J Roberts 0.9303	N Gorsuch 0.9823	S Alito 1.8167	C Thomas 3.6037
2019		Trump					B Kavanaugh 0.5405			S Alito 1.8167	C Thomas 3.6037
2019		Trump					B Kavanaugh 0.5405			S Alito 1.8167	C Thomas 3.6037
2019	Oct	Trump	S Sotomayor -2.6794							S Alito 1.8167	C Thomas 3.6037
2019	Sep	Trump	S Sotomayor -2.6794							S Alito 1.8167	C Thomas 3.6037
2019	Aug	Trump	S Sotomayor -2.6794							S Alito 1.8167	C Thomas 3.6037
2019		Trump	S Sotomayor -2.6794							S Alito 1.8167	C Thomas 3.6037
2019		Trump					B Kavanaugh 0.5405			S Alito 1.8167	C Thomas 3.6037
2019		Trump					B Kavanaugh 0.5405			S Alito 1.8167	C Thomas 3.6037
2019		Trump	S Sotomayor -2.6794		E Kagan -1.5824		B Kavanaugh 0.5405		N Gorsuch 0.9823	S Alito 1.8167	C Thomas 3.6037
2019		Trump			E Kagan -1.5824 E Kagan -1.5824		B Kavanaugh 0.5405 B Kavanaugh 0.5405	J Roberts 0.9303 J Roberts 0.9303		S Alito 1.8167 S Alito 1.8167	C Thomas 3.6037 C Thomas 3.6037
2019 2019		Trump Trump			E Kagan -1.5824		B Kavanaugh 0.5405	J Roberts 0.9303	N Gorsuch 0.9823	S Alito 1.8167	C Thomas 3.6037
2018		Trump		R Ginsburg -1.731	E Kagan -1.5824		B Kavanaugh 0.5405	J Roberts 0.9303	N Gorsuch 0.9823	S Alito 1.8167	C Thomas 3.6037
2018		Trump			E Kagan -1.5824		B Kavanaugh 0.5405			S Alito 1.8167	C Thomas 3.6037
2018		Trump								S Alito 1.8167	C Thomas 3.6037
2018		Trump	S Sotomayor -2.6794					J Roberts 0.9303		S Alito 1.8167	C Thomas 3.6037
2018		Trump	S Sotomayor -2.6794					J Roberts 0.9303		S Alito 1.8167	C Thomas 3.6037
2018		Trump								S Alito 1.8167	C Thomas 3.6037
2018		Trump								S Alito 1.8167	C Thomas 3.6037
2018		Trump			E Kagan -1.5824		A Kennedy 0.6823		N Gorsuch 0.9823	S Alito 1.8167	C Thomas 3.6037
2018		Trump			E Kagan -1.5824		A Kennedy 0.6823			S Alito 1.8167	C Thomas 3.6037
2018		Trump					A Kennedy 0.6823	J Roberts 0.9303	N Gorsuch 0.9823	S Alito 1.8167	C Thomas 3.6037
2018 2018		Trump	S Sotomayor -2.6794 S Sotomayor -2.6794		E Kagan -1.5824		A Kennedy 0.6823		N Gorsuch 0.9823 N Gorsuch 0.9823	S Alito 1.8167 S Alito 1.8167	C Thomas 3.6037
2016		Trump		R Ginsburg -1.731			A Kennedy 0.6823 A Kennedy 0.6823	J Roberts 0.9303	N Gorsuch 0.9823	S Alito 1.8167	C Thomas 3.6037 C Thomas 3.6037
2017		Trump	S Sotomayor -2.6794	R Ginsburg -1.731	E Kagan -1.5824		A Kennedy 0.6823	J Roberts 0.9303	N Gorsuch 0.9823	S Alito 1.8167	C Thomas 3.6037
2017		Trump								S Alito 1.8167	C Thomas 3.6037
2017	Sep	Trump	S Sotomayor -2.6794							S Alito 1.8167	C Thomas 3.6037
2017	Aug	Trump	S Sotomayor -2.6794							S Alito 1.8167	C Thomas 3.6037
2017	Jul	Trump	S Sotomayor -2.6794							S Alito 1.8167	C Thomas 3.6037
2017		Trump								S Alito 1.8167	C Thomas 3.6037
2017		Trump								S Alito 1.8167	C Thomas 3.6037
2017		Trump	S Sotomayor -2.6794						N Gorsuch 0.9823	S Alito 1.8167	C Thomas 3.6037
2017 2017		Trump Trump			E Kagan -1.5824 E Kagan -1.5824		A Kennedy 0.6823 A Kennedy 0.6823	J Roberts 0.9303 J Roberts 0.9303	S Alito 1.8167 S Alito 1.8167		C Thomas 3.6037 C Thomas 3.6037
2017		Trump			E Kagan -1.5824		A Kennedy 0.6823	J Roberts 0.9303	S Alito 1.8167		C Thomas 3.6037
2016		Obama							S Alito 1.8167		C Thomas 3.6037
2016	Nov	01									
2016		Obama	S Sotomayor -2.6794					J Roberts 0.9303	S Alito 1.8167		C Thomas 3.6037
	Oct	Obama	S Sotomayor -2.6794								
2016			S Sotomayor -2.6794 S Sotomayor -2.6794 S Sotomayor -2.6794						S Alito 1.8167		C Thomas 3.6037 C Thomas 3.6037 C Thomas 3.6037
2016 2016	Sep Aug	Obama Obama Obama	S Sotomayor -2.6794 S Sotomayor -2.6794 S Sotomayor -2.6794 S Sotomayor -2.6794		E Kagan -1.5824 E Kagan -1.5824 E Kagan -1.5824 E Kagan -1.5824		A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823	J Roberts 0.9303 J Roberts 0.9303 J Roberts 0.9303 J Roberts 0.9303	S Alito 1.8167 S Alito 1.8167 S Alito 1.8167 S Alito 1.8167		C Thomas 3.6037 C Thomas 3.6037 C Thomas 3.6037 C Thomas 3.6037
2016 2016 2016	Sep Aug Jul	Obama Obama Obama Obama	S Sotomayor -2.6794 S Sotomayor -2.6794 S Sotomayor -2.6794 S Sotomayor -2.6794 S Sotomayor -2.6794		E Kagan -1.5824 E Kagan -1.5824 E Kagan -1.5824 E Kagan -1.5824 E Kagan -1.5824		A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823	J Roberts 0.9303 J Roberts 0.9303 J Roberts 0.9303 J Roberts 0.9303 J Roberts 0.9303	S Alito 1.8167 S Alito 1.8167 S Alito 1.8167 S Alito 1.8167 S Alito 1.8167		C Thomas 3.6037 C Thomas 3.6037 C Thomas 3.6037 C Thomas 3.6037 C Thomas 3.6037
2016 2016 2016 2016	Sep Aug Jul Jun	Obama Obama Obama Obama Obama	S Sotomayor -2.6794 S Sotomayor -2.6794 S Sotomayor -2.6794 S Sotomayor -2.6794 S Sotomayor -2.6794 S Sotomayor -2.6794		E Kagan -1.5824 E Kagan -1.5824 E Kagan -1.5824 E Kagan -1.5824 E Kagan -1.5824 E Kagan -1.5824		A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823	J Roberts 0.9303 J Roberts 0.9303 J Roberts 0.9303 J Roberts 0.9303 J Roberts 0.9303 J Roberts 0.9303	S Alito 1.8167 S Alito 1.8167 S Alito 1.8167 S Alito 1.8167 S Alito 1.8167 S Alito 1.8167		C Thomas 3.6037 C Thomas 3.6037 C Thomas 3.6037 C Thomas 3.6037 C Thomas 3.6037 C Thomas 3.6037
2016 2016 2016 2016 2016	Sep Aug Jul Jun May	Obama Obama Obama Obama Obama Obama	S Sotomayor -2.6794 S Sotomayor -2.6794 S Sotomayor -2.6794 S Sotomayor -2.6794 S Sotomayor -2.6794 S Sotomayor -2.6794 S Sotomayor -2.6794		E Kagan -1.5824 E Kagan -1.5824 E Kagan -1.5824 E Kagan -1.5824 E Kagan -1.5824 E Kagan -1.5824 E Kagan -1.5824		A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823	J Roberts 0.9303 J Roberts 0.9303 J Roberts 0.9303 J Roberts 0.9303 J Roberts 0.9303 J Roberts 0.9303 J Roberts 0.9303	S Alito 1.8167 S Alito 1.8167 S Alito 1.8167 S Alito 1.8167 S Alito 1.8167 S Alito 1.8167 S Alito 1.8167		C Thomas 3.6037 C Thomas 3.6037 C Thomas 3.6037 C Thomas 3.6037 C Thomas 3.6037 C Thomas 3.6037 C Thomas 3.6037
2016 2016 2016 2016 2016 2016	Sep Aug Jul Jun May Apr	Obama Obama Obama Obama Obama Obama Obama Obama	S Sotomayor -2.6794 S Sotomayor -2.6794		E Kagan -1.5824 E Kagan -1.5824		A Kennedy 0.6823 A Kennedy 0.6823	J Roberts 0.9303 J Roberts 0.9303	S Alito 1.8167 S Alito 1.8167		C Thomas 3.6037 C Thomas 3.6037
2016 2016 2016 2016 2016	Sep Aug Jul Jun May Apr Mar	Obama	S Sotomayor -2.6794 S Sotomayor -2.6794		E Kagan -1.5824 E Kagan -1.5824		A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823	J Roberts 0.9303	S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037 C Thomas 3.6037 C Thomas 3.6037 C Thomas 3.6037 C Thomas 3.6037 C Thomas 3.6037 C Thomas 3.6037
2016 2016 2016 2016 2016 2016 2016	Sep Aug Jul Jun May Apr Mar Feb	Obama Obama Obama Obama Obama Obama Obama Obama	S Sotomayor -2.6794		E Kagan -1.5824 E Kagan -1.5824		A Kennedy 0.6823 A Kennedy 0.6823	J Roberts 0.9303 J Roberts 0.9303	S Alito 1.8167 S Alito 1.8167	A Scalia 2.5145 A Scalia 2.5145	C Thomas 3.6037 C Thomas 3.6037
2016 2016 2016 2016 2016 2016 2016 2016	Sep Aug Jul Jun May Apr Mar Feb Jan	Obama	S Sotomayor -2.6794		E Kagan -1.5824 E Kagan -1.5824		A Kennedy 0.6823 A Kennedy 0.6823	J Roberts 0.9303 J Roberts 0.9303	S Alito 1.8167 S Alito 1.8167		C Thomas 3.6037 C Thomas 3.6037
2016 2016 2016 2016 2016 2016 2016 2016	Sep Aug Jul Jun May Apr Mar Feb Jan Dec	Obama	S Sotomayor -2.6794		E Kagan -1.5824 E Kagan -1.5824		A Kennedy 0.6823 A Kennedy 0.6823	J Roberts 0,9303 J Roberts 0,9303	S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037 C Thomas 3.6037
2016 2016 2016 2016 2016 2016 2016 2016	Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct	Obama	S Sotomayor -2.6794		E Kagan -1.5824 E Kagan -1.5824		A Kennedy 0.6823 A Kennedy 0.6823	J Roberts 0.9303	S Alito 1.8167	A Scalia 2.5145 A Scalia 2.5145 A Scalia 2.5145 A Scalia 2.5145	C Thomas 3.6037
2016 2016 2016 2016 2016 2016 2016 2016	Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep	Obama	S Sotomayor -2.6794		E Kagan -1.5824 E Kagan -1.5824		A Kennedy 0.6823 A Kennedy 0.6823	J Roberts 0 0303 J Roberts 0 9303	S Alito 1.8167	A Scalia 2.5145 A Scalia 2.5145 A Scalia 2.5145 A Scalia 2.5145 A Scalia 2.5145	C Thomas 3.6037
2016 2016 2016 2016 2016 2016 2016 2016	Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug	Obama	S Sotomayor -2.6794		E Kagan -1.5824 E Kagan -1.5824		A Kennedy 0.6823 A Kennedy 0.6823	J Roberts 0,9303	S Alito 1.8167	A Scalia 2.5145 A Scalia 2.5145 A Scalia 2.5145 A Scalia 2.5145 A Scalia 2.5145 A Scalia 2.5145	C Thomas 3,6037
2016 2016 2016 2016 2016 2016 2016 2016	Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul	Obama	S Sotomayor -2.6794		E Kagan -1.5824 E Kagan -1.5824		A Kennedy 0.6823	J Roberts 0.9303	S Alito 1.8167	A Scalia 2.5145 A Scalia 2.5145 A Scalia 2.5145 A Scalia 2.5145 A Scalia 2.5145 A Scalia 2.5145 A Scalia 2.5145	C Thomas 3,6037
2016 2016 2016 2016 2016 2016 2016 2016	Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun	Obama	S Sotomayor -2.6794		E Kagan - 1.5824		A Kennedy 0.6823 A Kennedy 0.6823	J Roberts 0 0303 J Roberts 0 9303	S Alito 1.8167	A Scalia 2.5145 A Scalia 2.5145	C Thomas 3,6037
2016 2016 2016 2016 2016 2016 2016 2016	Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May	Obama	S Sotomayor -2 6794		E Kagan -1.5824		A Kennedy 0.6823 A Kennedy 0.6823	J Roberts 0,9303	S Alito 1.8167	A Scalia 2.5145 A Scalia 2.5145	C Thomas 3,6037
2016 2016 2016 2016 2016 2016 2016 2015 2015 2015 2015 2015 2015 2015 2015	Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr	Obama	S Sotomayor -2.6794		E Kagan -1.5824 E Kagan -1.5824		A Kennedy 0.6823	J Roberts 0.9303	S Alito 1.8167	A Scalia 2.5145 A Scalia 2.5145	C Thomas 3.6037
2016 2016 2016 2016 2016 2016 2016 2016	Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr May Apr	Obama	S Sotomayor -2.6794		E Kagan - 1.5824		A Kennedy 0.6823 A Kennedy 0.6823	J Roberts 0 03003 J Roberts 0 93003 J Roberts 0 93003 J Roberts 0 03003 J Roberts 0 03003 J Roberts 0 93003	S Alito 1.8167	A Scalia 2.5145 A Scalia 2.5145	C Thomas 3,6037
2016 2016 2016 2016 2016 2016 2016 2015 2015 2015 2015 2015 2015 2015 2015	Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Feb Feb Feb Feb	Obama	S Sotomayor -2.6794		E Kagan -1.5824 E Kagan -1.5824		A Kennedy 0.6823	J Roberts 0.9303	S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2016 2016 2016 2016 2016 2016 2016 2015 2015 2015 2015 2015 2015 2015 2015	Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul May Apr Mar Feb Jun May Apr	Obama	S Sotomayor -2.6794		E Kagan -1.5824		A Kennedy 0.6823	J Roberts 0,9303	S Alito 1.8167	A Scalia 2.5145	C Thomas 3,6037
2016 2016 2016 2016 2016 2016 2016 2015 2015 2015 2015 2015 2015 2015 2015	Sep Aug Jul Jun May Apr Mar Dec Nov Oct Sep Aug Jul Jun May Apr Apr Mar Feb Jan Dec	Obama	S Sotomayor -2.6794		E Kagan -1.5824		A Kennedy 0.6823	J Roberts 0.9303	S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2016 2016 2016 2016 2016 2016 2016 2015 2015 2015 2015 2015 2015 2015 2015	Sep Aug Jul Jun May Apr Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Nov Oct	Obama	S Sotomayor -2.6794		E Kagan -1.5824		A Kennedy 0.6823	J Roberts 0.9303	S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2016 2016 2016 2016 2016 2016 2016 2016	Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Apr Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Sep	Obama	S Sotomayor -2 6794		E Kagan - 1.5824		A Kennedy 0.6823	J Roberts 0 03003 J Roberts 0 93003 J Roberts 0 9303	S Alito 1.8167	A Scalia 2.5145	C Thomas 3,6037
2016 2016 2016 2016 2016 2016 2016 2016	Sep Aug Jul Jun May Apr Mar Feb Jon Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jul Jun May Apr Mar Feb Jun Dec Nov Oct Sep Aug Jun Apr Mar Apr Mar Apr Apr Aug Aug Aug Apr Aug	Obama	S Sotomayor -2 6794		E Kagan -1.5824		A Kennedy 0.6823	J Roberts 0,9303	S Alito 1.8167	A Scalia 2.5145	C Thomas 3,6037
2016 2016 2016 2016 2016 2016 2016 2015 2015 2015 2015 2015 2015 2015 2015	Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jul Jun May Apr Mar Apr Mar Apr Mar Apr Mar Apr Mar Apr Apr Mar Apr Apr Mar Apr Apr Mar Apr Apr Aug Jul Jun Dec Nov Oct Sep Aug Jul Jun Dec Nov Oct Jun	Obama	S Sotomayor -2.6794		E Kagan -1.5824		A Kennedy 0.6823	J Roberts 0.9303	S Alito 1.8167	A Scalia 2.5145	C Thomas 3,6037
2016 2016 2016 2016 2016 2016 2016 2015 2015 2015 2015 2015 2015 2015 2015	Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Location Feb Location Sep Aug Jul Jun Dec Nov Oct Sep Aug Jul Jun Jun Jun Jun Jun Jun	Obama	S Sotomayor -2.6794		E Kagan -1.5824		A Kennedy 0.6823	J Roberts 0 03003 J Roberts 0 9303	S Alito 1.8167	A Scalia 2.5145	C Thomas 3,6037
2016 2016 2016 2016 2016 2016 2016 2016	Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec Aug Jul Jun May Apr Mar Feb Jan Dec Jul Jun May Mar Feb Jan Dec Jul Jun May Mar Mar Feb Jan Dec May Mar Feb Jan Dec May Mar Mar Feb Jan Dec May Mar Mar Feb Jan Dec May Mar Mar Feb Jan Dec May May Mar Mar Feb Jan Dec May May Mar Mar Feb Jan Dec May May May	Obama	S Sotomayor -2 6794		E Kagan -1.5824		A Kennedy 0.6823	J Roberts 0,9303	S Alito 1.8167	A Scalia 2.5145	C Thomas 3,6037
2016 2016 2016 2016 2016 2016 2016 2015 2015 2015 2015 2015 2015 2015 2015	Sep Aug Jul Jul May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Mar Apr Mar Apr Mar Jun May Apr Mar Apr May Apr May Apr Aug Apr May Apr May Apr Aug Apr	Obama	S Sotomayor -2.6794		E Kagan -1.5824		A Kennedy 0.6823	J Roberts 0.9303	S Alito 1.8167	A Scalia 2.5145	C Thomas 3,6037
2016 2016 2016 2016 2016 2016 2016 2016	Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jun May Apr Mar Feb Jan Nov Oct Aug Jun May Mar May	Obama	S Sotomayor -2 6794		E Kagan -1.5824		A Kennedy 0.6823	J Roberts 0 9303 J Roberts 9 9303 J Roberts 0 9303	S Alito 1.8167	A Scalia 2.5145	C Thomas 3,6037
2016 2016 2016 2016 2016 2016 2016 2016	Sep Aug Jul Jun May Apr Mar Feb Jan Dec Oct Sep Aug Jul Jun May Apr May Apr Apr Mar Feb Jan Dec	Obama	S Sotomayor -2 6794		E Kagan -1.5824		A Kennedy 0.6823	J Roberts 0,9303	S Alito 1.8167	A Scalia 2.5145	C Thomas 3,6037
2016 2016 2016 2016 2016 2016 2016 2015 2015 2015 2015 2015 2015 2015 2015	Sep Aug Jul Jun May Apr Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jun May Apr Mar Feb Jun May Apr Mar Feb Jun May Apr Aug Jun May Apr Mar Feb Jun May Apr	Obama	S Sotomayor -2.6794		E Kagan -1.5824		A Kennedy 0.6823	J Roberts 0,9303	S Alito 1.8167	A Scalia 2.5145	C Thomas 3,6037
2016 2016 2016 2016 2016 2016 2016 2016	Sep Aug Jul Jun May Apr Mar Feb Jan Dec Aug Jul Jun May Apr Mar Feb Jan Dec Aug Jul Jun May Apr Mar Apr	Obama	S Sotomayor -2 6794		E Kagan -1.5824		A Kennedy 0.6823	J Roberts 0,9303	S Alito 1.8167	A Scalia 2.5145	C Thomas 3,6037
2016 2016 2016 2016 2016 2016 2016 2016	Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Nov Oct Sep Aug Nov Oct Sep Aug Nov Oct Sep Aug Nov Oct Nov Nov	Obama	S Sotomayor -2 6794		E Kagan -1.5824		A Kennedy 0.6823	J Roberts 0 03003 J Roberts 0 93003 J Roberts 0 93003 J Roberts 0 93003 J Roberts 0 03003	S Alito 1.8167	A Scalia 2.5145	C Thomas 3,6037
2016 2016 2016 2016 2016 2016 2016 2016	Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Nov Oct Sep Aug Jul Jun Nov Oct Sep Aug Jul Jun Nov Oct Sep Aug Apr Nov Oct	Obama	S Sotomayor -2 6794		E Kagan -1.5824		A Kennedy 0.6823	J Roberts 0,9303	S Alito 1.8167	A Scalia 2.5145	C Thomas 3,6037
2016 2016 2016 2016 2016 2016 2016 2016	Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jul Jun May Apr May Apr Apr Feb Jul Jun May Apr Apr Nov Oct Sep Aug Aug Apr	Obama	S Sotomayor -2 6794		E Kagan -1.5824		A Kennedy 0.6823	J Roberts 0,9303	S Alito 1.8167	A Scalia 2.5145	C Thomas 3,6037
2016 2016 2016 2016 2016 2016 2016 2016	Sep Aug Jul Jun May Mar Feb Jan Dec Nov Sep Aug Jul Jun May Mar Feb Jul Jun May Mar Feb Jul Jun May Mar Feb Jun Dec Nov Oct Sep Jul Jun May May May Feb Jun May	Obama	S Sotomayor -2.6794		E Kagan -1.5824		A Kennedy 0.6823	J Roberts 0,9303	S Alito 1.8167	A Scalia 2.5145	C Thomas 3,6037
2016 2016 2016 2016 2016 2016 2016 2016	Sep Aug Jul Jun May Mar Feb Jan Dec Nov Sep Aug Jul Jun May Mar Feb Jul Jun May Mar Feb Jul Jun May Mar Feb Jun Dec Nov Oct Sep Jul Jun May May May Feb Jun May	Obama	S Sotomayor -2 6794		E Kagan -1.5824		A Kennedy 0.6823	J Roberts 0,9303	S Alito 1.8167	A Scalia 2.5145	C Thomas 3,6037

Appendix C: 'Actual' Ideological Heatmap, 1971 to Present (Continued)

2013	May	Obama	S Sotomayor -2.6794	R Ginsburg -1.731	E Kagan -1.5824	S Breyer -1.2332	A Kennedy 0.6823	J Roberts 0.9303	S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2013	Apr	Obama	S Sotomayor -2.6794						S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2013	Mar	Obama	S Sotomayor -2.6794						S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2013	Feb	Obama	S Sotomayor -2.6794						S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2013	Jan	Obama	S Sotomayor -2.6794						S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2012	Dec	Obama	S Sotomayor -2.6794						S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2012	Nov	Obama	S Sotomayor -2.6794						S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2012		Obama	S Sotomayor -2.6794						S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2012	Sep	Obama	S Sotomayor -2.6794						S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2012		Obama	S Sotomayor -2.6794		E Kagan -1.5824		A Kennedy 0.6823	J Roberts 0.9303	S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2012		Obama							S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2012		Obama	S Sotomayor -2.6794						S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
	May	Obama	S Sotomayor -2.6794						S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2012		Obama	S Sotomayor -2.6794		E Kagan -1.5824		A Kennedy 0.6823	J Roberts 0.9303	S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2012		Obama	S Sotomayor -2.6794	R Ginsburg -1.731	E Kagan -1.5824		A Kennedy 0.6823		S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2012		Obama	S Sotomayor -2.6794				A Kennedy 0.6823 A Kennedy 0.6823		S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2012		Obama Obama	S Sotomayor -2.6794 S Sotomayor -2.6794	R Ginsburg -1.731	E Kagan -1.5824 E Kagan -1.5824		A Kennedy 0.6823	J Roberts 0.9303 J Roberts 0.9303	S Alito 1.8167 S Alito 1.8167	A Scalia 2.5145 A Scalia 2.5145	C Thomas 3.6037 C Thomas 3.6037
2011		Obama	S Sotomayor -2.6794	R Ginsburg -1.731	E Kagan -1.5824		A Kennedy 0.6823		S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2011	400	Obama	S Sotomayor -2.6794						S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2011		Obama	S Sotomayor -2.6794						S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2011		Obama	S Sotomayor -2.6794	R Ginsburg -1.731					S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2011		Obama	S Sotomayor -2.6794						S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2011	Jun	Obama	S Sotomayor -2.6794						S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2011	May	Obama	S Sotomayor -2.6794						S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2011	Apr	Obama	S Sotomayor -2.6794						S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2011		Obama	S Sotomayor -2.6794						S Alito 1.8167		C Thomas 3.6037
2011		Obama	S Sotomayor -2.6794						S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2011		Obama	S Sotomayor -2.6794						S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2010		Obama	S Sotomayor -2.6794						S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2010		Obama	S Sotomayor -2.6794						S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2010		Obama	S Sotomayor -2.6794		E Kagan -1.5824		A Kennedy 0.6823	J Roberts 0.9303	S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2010		Obama	S Sotomayor -2.6794		E Kagan -1.5824		A Kennedy 0.6823		S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2010		Obama Obama	S Sotomayor -2.6794 S Sotomayor -2.6794	R Ginsburg -1.731	E Kagan -1.5824		A Kennedy 0.6823	J Roberts 0.9303 J Roberts 0.9303	S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2010				J P Stevens -1.8098	R Ginsburg -1.731		A Kennedy 0.6823		S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2010		Obama Obama	S Sotomayor -2.6794 S Sotomayor -2.6794					J Roberts 0.9303 J Roberts 0.9303	S Alito 1.8167 S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037 C Thomas 3.6037
2010	May	Obama	S Sotomayor -2.6794	J P Stevens -1.8098	R Ginsburg -1.731		A Kennedy 0.6823	J Roberts 0.9303	S Alito 1.8167	A Scalia 2.5145 A Scalia 2.5145	C Thomas 3.6037
	Mar	Obama	S Sotomayor -2.6794	J P Stevens -1.8098			A Kennedy 0.6823		S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2010		Obama	S Sotomayor -2.6794						S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2010	Jan	Obama	S Sotomayor -2.6794		R Ginsburg -1.731			J Roberts 0.9303	S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
	Dec	Obama	S Sotomayor -2.6794						S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2009	Nov	Obama	S Sotomayor -2.6794						S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2009	Oct	Obama	S Sotomayor -2.6794						S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2009	Sep	Obama	S Sotomayor -2.6794								
									S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2009	Aug	Obama	S Sotomayor -2.6794			S Breyer -1.2332 S Breyer -1.2332	A Kennedy 0.6823 A Kennedy 0.6823		S Alito 1.8167 S Alito 1.8167	A Scalia 2.5145 A Scalia 2.5145	C Thomas 3.6037 C Thomas 3.6037
2009 2009		Obama Obama	S Sotomayor -2.6794 J P Stevens -1.8098								
	Jul	Obama Obama	J P Stevens -1.8098 J P Stevens -1.8098			S Breyer -1.2332 D Souter -0.7725	A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823	J Roberts 0.9303 J Roberts 0.9303 J Roberts 0.9303	S Alito 1.8167 S Alito 1.8167 S Alito 1.8167	A Scalia 2.5145 A Scalia 2.5145 A Scalia 2.5145	C Thomas 3.6037 C Thomas 3.6037 C Thomas 3.6037
2009 2009 2009	Jul Jun May	Obama Obama Obama	J P Stevens -1.8098 J P Stevens -1.8098 J P Stevens -1.8098			S Breyer -1.2332 D Souter -0.7725 D Souter -0.7725	A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823	J Roberts 0.9303 J Roberts 0.9303 J Roberts 0.9303 J Roberts 0.9303	S Alito 1.8167 S Alito 1.8167 S Alito 1.8167 S Alito 1.8167	A Scalia 2.5145 A Scalia 2.5145 A Scalia 2.5145 A Scalia 2.5145	C Thomas 3.6037 C Thomas 3.6037 C Thomas 3.6037 C Thomas 3.6037
2009 2009 2009 2009	Jul Jun May Apr	Obama Obama Obama Obama	J P Stevens -1.8098 J P Stevens -1.8098 J P Stevens -1.8098 J P Stevens -1.8098			D Souter -0.7725 D Souter -0.7725 D Souter -0.7725	A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823	J Roberts 0.9303 J Roberts 0.9303 J Roberts 0.9303 J Roberts 0.9303 J Roberts 0.9303	S Alito 1.8167 S Alito 1.8167 S Alito 1.8167 S Alito 1.8167 S Alito 1.8167	A Scalia 2.5145 A Scalia 2.5145 A Scalia 2.5145 A Scalia 2.5145 A Scalia 2.5145	C Thomas 3.6037 C Thomas 3.6037 C Thomas 3.6037 C Thomas 3.6037 C Thomas 3.6037
2009 2009 2009 2009 2009	Jul Jun May Apr Mar	Obama Obama Obama Obama Obama	J P Stevens -1.8098 J P Stevens -1.8098 J P Stevens -1.8098 J P Stevens -1.8098 J P Stevens -1.8098			S Breyer -1.2332 D Souter -0.7725 D Souter -0.7725 D Souter -0.7725 D Souter -0.7725	A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823	J Roberts 0.9303 J Roberts 0.9303 J Roberts 0.9303 J Roberts 0.9303 J Roberts 0.9303 J Roberts 0.9303	S Alito 1.8167 S Alito 1.8167 S Alito 1.8167 S Alito 1.8167 S Alito 1.8167 S Alito 1.8167	A Scalia 2.5145 A Scalia 2.5145 A Scalia 2.5145 A Scalia 2.5145 A Scalia 2.5145 A Scalia 2.5145	C Thomas 3.6037 C Thomas 3.6037 C Thomas 3.6037 C Thomas 3.6037 C Thomas 3.6037 C Thomas 3.6037
2009 2009 2009 2009 2009 2009	Jul Jun May Apr Mar Feb	Obama Obama Obama Obama Obama Obama	J P Stevens -1.8098 J P Stevens -1.8098			S Breyer -1.2332 D Souter -0.7725	A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823	J Roberts 0.9303	S Alito 1.8167 S Alito 1.8167 S Alito 1.8167 S Alito 1.8167 S Alito 1.8167 S Alito 1.8167 S Alito 1.8167	A Scalia 2.5145 A Scalia 2.5145 A Scalia 2.5145 A Scalia 2.5145 A Scalia 2.5145 A Scalia 2.5145 A Scalia 2.5145	C Thomas 3.6037 C Thomas 3.6037 C Thomas 3.6037 C Thomas 3.6037 C Thomas 3.6037 C Thomas 3.6037 C Thomas 3.6037
2009 2009 2009 2009 2009 2009 2009	Jul Jun May Apr Mar Feb Jan	Obama Obama Obama Obama Obama Obama Obama Obama	J P Stevens -1.8098 J P Stevens -1.8098			S Breyer -1.2332 D Souter -0.7725	A Kennedy 0.6823 A Kennedy 0.6823	J Roberts 0.9303 J Roberts 0.9303	S Alito 1.8167 S Alito 1.8167	A Scalia 2.5145 A Scalia 2.5145	C Thomas 3.6037 C Thomas 3.6037
2009 2009 2009 2009 2009 2009 2009 2008	Jul Jun May Apr Mar Feb Jan Dec	Obama Obama Obama Obama Obama Obama Obama Obama Obama G W Bush	J P Stevens -1.8098 J P Stevens -1.8098			S Breyer -1.2332 D Souter -0.7725	A Kennedy 0.6823 A Kennedy 0.6823	J Roberts 0.9303	S Alito 1.8167 S Alito 1.8167	A Scalia 2.5145 A Scalia 2.5145	C Thomas 3.6037 C Thomas 3.6037
2009 2009 2009 2009 2009 2009 2009 2008 2008	Jul Jun May Apr Mar Feb Jan Dec Nov	Obama Obama Obama Obama Obama Obama Obama Obama Obama G W Bush G W Bush	J P Stevens -1.8098 J P Stevens -1.8098			S Breyer -1 2332 D Souter -0.7725	A Kennedy 0.6823 A Kennedy 0.6823	J Roberts 0.9303	S Alito 1.8167 S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037 C Thomas 3.6037
2009 2009 2009 2009 2009 2009 2009 2008	Jul Jun May Apr Mar Feb Jan Dec Nov Oct	Obama Obama Obama Obama Obama Obama Obama Obama Obama G W Bush	J P Stevens -1.8098 J P Stevens -1.8098			S Breyer -1.2332 D Souter -0.7725	A Kennedy 0.6823 A Kennedy 0.6823	J Roberts 0.9303	S Alito 1.8167 S Alito 1.8167	A Scalia 2.5145 A Scalia 2.5145	C Thomas 3.6037 C Thomas 3.6037
2009 2009 2009 2009 2009 2009 2009 2008 2008	Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep	Obama Obama Obama Obama Obama Obama Obama Obama GW Bush G W Bush G W Bush	J P Stevens -1.8098			S Breyer -1.2332 D Souter -0.7725	A Kennedy 0.6823 A Kennedy 0.6823	J Roberts 0.9303 J Roberts 0.9303	S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037 C Thomas 3.6037
2009 2009 2009 2009 2009 2009 2008 2008	Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug	Obama Obama Obama Obama Obama Obama G W Bush G W Bush G W Bush	J P Stevens -1.8098			S Breyer -1.2332 D Souter -0.7725	A Kennedy 0.6823 A Kennedy 0.6823	J Roberts 0.9303	S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037 C Thomas 3.6037
2009 2009 2009 2009 2009 2009 2008 2008	Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul	Obama Obama Obama Obama Obama Obama Obama G W Bush G W Bush G W Bush G W Bush	J P Stevens -1.8098			S Breyer -1.2332 D Souter -0.7725	A Kennedy 0.6823 A Kennedy 0.6823	J Roberts 0.9303	S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037 C Thomas 3.6037
2009 2009 2009 2009 2009 2009 2008 2008	Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May	Obama Obama Obama Obama Obama Obama Obama G W Bush	J P Stevens -1.8098			S Breyer -1.2332 D Souter -0.7725	A Kennedy 0.6823 A Kennedy 0.6823	J Roberts 0.9303	S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2009 2009 2009 2009 2009 2009 2008 2008	Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr	Obama Obama Obama Obama Obama Obama Obama G W Bush	J P Stevens -1.8098			S Breyer -1.2332 D Souter -0.7725	A Kennedy 0.6823 A Kennedy 0.6823	J Roberts 0.9303	S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2009 2009 2009 2009 2009 2009 2008 2008	Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Mar	Obama Obama Obama Obama Obama Obama Obama G W Bush	J P Stevens -1.8098			S Breyer -1.2332 D Souter -0.7725	A Kennedy 0.6823 A Kennedy 0.6823	J Roberts 0.9303	S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2009 2009 2009 2009 2009 2009 2008 2008	Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb	Obama Obama Obama Obama Obama Obama Obama G W Bush	J P Stevens -1.8098			S Breyer -1.2332 D Souter -0.7725	A Kennedy 0.6823 A Kennedy 0.6823	J Roberts 0.9303	S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2009 2009 2009 2009 2009 2009 2008 2008	Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan	Obama Obama Obama Obama Obama Obama Obama Obama G W Bush	J P Stevens -1.8098			S Breyer -1.2332 D Souter -0.7725	A Kennedy 0.6823	J Roberts 0.9303	S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2009 2009 2009 2009 2009 2009 2008 2008	Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec	Obama Obama Obama Obama Obama Obama Obama G W Bush	J P Stevens -1.8098			S Breyer -1 2332 D Souter -0.7725	A Kennedy 0.6823 A Kennedy 0.6823	J Roberts 0.9303	S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2009 2009 2009 2009 2009 2009 2008 2008	Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Jul Jun May Apr Mar Feb Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Jul Jun May Apr Mar Feb Jan Dec Nov	Obama Obama Obama Obama Obama Obama Obama Obama G W Bush	J P Stevens -1.8098			S Breyer -1.2332 D Souter -0.7725	A Kennedy 0.6823	J Roberts 0.9303	S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2009 2009 2009 2009 2009 2009 2008 2008	Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec	Obama Obama Obama Obama Obama Obama Obama G W Bush	J P Stevens -1.8098			S Breyer -1 2332 D Souter -0.7725	A Kennedy 0.6823 A Kennedy 0.6823	J Roberts 0.9303	S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2009 2009 2009 2009 2009 2008 2008 2008	Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Oct	Obama Obama Obama Obama Obama Obama Obama Obama G W Bush	J P Stevens -1.8098			S Breyer -1.2332 D Souter -0.7725	A Kennedy 0.6823	J Roberts 0.9303	S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2009 2009 2009 2009 2009 2008 2008 2008	Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Coct Sep Aug Apr Mar Feb Jan Dec Nov Oct Sep Aug Apr Mar Feb Jan Dec Nov	Obama Obama Obama Obama Obama Obama Obama G W Bush	J P Stevens -1.8098			S Breyer -1.2332 D Souter -0.7725	A Kennedy 0.6823	J Roberts 0.9303	S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2009 2009 2009 2009 2009 2009 2009 2008 2008	Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Coct Sep Aug Apr Mar Feb Jan Dec Nov Oct Sep Aug Apr Mar Feb Jan Dec Nov	Obama Obama Obama Obama Obama Obama Obama G W Bush	J P Stevens -1.8098			S Breyer -1 2332 D Souter -0.7725	A Kennedy 0.6823	J Roberts 0.9303	S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2009 2009 2009 2009 2009 2009 2008 2008	Jul Jun May Apr Mar Feb Jan May Apr May Apr Mar Feb Jun May Apr May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul May Apr Mar Jun May Apr Mar Jun May Apr Mar Jun Dec Nov Oct Sep Aug Jul	Obama Obama Obama Obama Obama Obama Obama G W Bush	J P Stevens -1.8098			S Breyer -1.2332 D Souter -0.7725	A Kennedy 0.6823	J Roberts 0.9303	S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2009 2009 2009 2009 2009 2009 2008 2008	Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Jul Jun May Apr Mar Feb Jan Mar Apr Apr Apr Apr Mar Feb Jan Dec Nov Oct Sep Jul Jun May Nov Oct Sep Aug Jul Jun May May May	Obama Obama Obama Obama Obama Obama Obama Obama G W Bush	J P Stevens -1.8098			S Breyer -1 2332 D Souter -0 .7725	A Kennedy 0.6823	J Roberts 0.9303	S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2009 2009 2009 2009 2009 2009 2009 2008 2008	Jul Jun May Apr Mar Feb Jun May Apr Mar Feb Jun Dec May Apr Mar Feb Jun Dec May Apr Mar Mar Mar May Apr May Apr May Apr May Apr May Apr May May Apr May May Apr Mar Mar Mar Mar Mar Mar Mar May May May May May Mar Mar Mar	Obama Obama Obama Obama Obama Obama Obama G W Bush	J P Stevens -1.8098			S Breyer -1.2332 D Souter -0.7725	A Kennedy 0.6823	J Roberts 0.9303	S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2009 2009 2009 2009 2009 2009 2009 2009	Jul Jun May Apr Mar Feb Jun May Apr Mar Feb Jun May Apr Mar Mar May Apr Mar Feb Jun May Apr Mar Feb Jun May Apr Mar Feb Feb Feb May Apr Mar Feb May Apr Mar Feb	Obama Obama Obama Obama Obama Obama Obama Obama G W Bush	J P Stevens -1.8098			S Breyer -1 2332 D Souter -0 .7725	A Kennedy 0.6823	J Roberts 0.9303	S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2009 2009 2009 2009 2009 2009 2009 2008 2008	Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan May Apr Mar Feb Jan May Apr Mar Feb Jun May May Apr Mar Feb Jun May May May Mar Feb Jun May May Mar Feb Jun May	Obama Obama Obama Obama Obama Obama Obama G W Bush	J P Stevens -1.8098			S Breyer -1.2332 D Souter -0.7725	A Kennedy 0.6823	J Roberts 0.9303	S Alito 1.8167	A Scalia 2.5145	C Thomas 3,6037
2009 2009 2009 2009 2009 2009 2009 2008 2008	Jul Jun May Apr Mar Feb Jun Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun Mov Oct Sep Aug Jul Jun Dec	Obama Obama Obama Obama Obama Obama Obama G W Bush	J P Stevens -1.8098			S Breyer -1.2332 D Souter -0.7725	A Kennedy 0.6823	J Roberts 0.9303	S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2009 2009 2009 2009 2009 2009 2009 2009	Jul Jun May Apr Mar Feb Jun Dec Nov Sep Aug Jul Jun May Feb Jun Dec Nov Now Teb Sep Aug Jun May Apr Mar Feb Jun May Apr Mar Feb Jun May Apr May May Apr May Apr May Apr May Apr May Apr May Apr May	Obama Obama Obama Obama Obama Obama Obama G W Bush	J P Stevens -1.8098			S Breyer -1 2332 D Souter -0.7725	A Kennedy 0.6823	J Roberts 0.9303	S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2009 2009 2009 2009 2009 2009 2009 2008 2008	Jul Jun May Apr Mar Feb Jan Dec Sep Jul Jun May Apr Mar Apr Mar Apr Mar Apr Mar Apr Mar Feb Jan Dec Jun Jun Dec Jun Jun Dec Jun Jun Jun Jun Jun Jun Jun Jun Mar Apr Mar Feb Jan Dec Nov Oct Sep Jul Jun Mar Apr Mar Apr Mar Nov Oct Nov Oct	Obama Obama Obama Obama Obama Obama Obama G W Bush	J P Stevens -1.8098			S Breyer -1.2332 D Souter -0.7725	A Kennedy 0.6823	J Roberts 0.9303	S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2009 2009 2009 2009 2009 2009 2009 2008 2008	Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jun Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jun Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jun May Apr Mar Feb Sep Aug Jul Jun May Apr Mar Feb Sep	Obama Obama Obama Obama Obama Obama Obama G W Bush	J P Stevens -1.8098			S Breyer -1 2332 D Souter -0 .7725	A Kennedy 0.6823	J Roberts 0.9303	S Alito 1.8167	A Scalia 2.5145	C Thomas 3,6037
2009 2009 2009 2009 2009 2009 2009 2009	Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr	Obama Obama Obama Obama Obama Obama Obama G W Bush	J P Stevens -1.8098			S Breyer -1 2332 D Souter -0.7725	A Kennedy 0.6823	J Roberts 0.9303	S Alito 1.8167	A Scalia 2.5145	C Thomas 3,6037
2009 2009 2009 2009 2009 2009 2009 2009	Jul Jun May Apr Mar Feb Jan Dec May Apr Mar Feb Jan Dec Jul Jun May Apr Mar Feb Jan Dec Jul Jun May Apr Mar Feb Jan Dec Sep Jul Jun May Apr Mar Feb Jan Dec Sep Jul Jun May Apr Mar Feb Jan Dec May Apr Mar Apr Mar Apr Mar Apr Mar Jul Jun May Apr Mar Jul Jun Dec Jul	Obama Obama Obama Obama Obama Obama Obama G W Bush	J P Stevens -1.8098			S Breyer -1.2332 D Souter -0.7725	A Kennedy 0.6823	J Roberts 0.9303	S Alito 1.8167	A Scalia 2.5145	C Thomas 3,6037
2009 2009 2009 2009 2009 2009 2009 2009	Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Mar Sep Aug Jul Jun	Obama Obama Obama Obama Obama Obama Obama G W Bush	J P Stevens -1.8098			S Breyer -1.2332 D Souter -0.7725	A Kennedy 0.6823	J Roberts 0.9303	S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2009 2009 2009 2009 2009 2009 2009 2009	Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan May Apr May	Obama Obama Obama Obama Obama Obama Obama G W Bush	J P Stevens -1.8098			S Breyer -1 2332 D Souter -0 .7725	A Kennedy 0.6823	J Roberts 0.9303	S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2009 2009 2009 2009 2009 2009 2009 2009	Jul Jun May Apr Mar Feb Jan Dec Sep Jul Jun May Apr Mar Feb Jan Dec Sep Jul Jun May Apr Mar Feb Jan Dec Sep Jul Jun May Apr Mar Jun Jun May Apr Mar Ap	Obama Obama Obama Obama Obama Obama Obama G W Bush	J P Stevens -1.8098			S Breyer -1 2332 D Souter -0.7725	A Kennedy 0.6823	J Roberts 0.9303	S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2009 2009 2009 2009 2009 2009 2009 2008 2008	Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jul Jun May Apr Mar Mar Feb Jul Jun May Apr Mar Mar Feb Jul Jun May Apr Mar Mar Mar May Apr Mar Mar May Apr Mar May	Obama Obama Obama Obama Obama Obama Obama G W Bush	J P Stevens -1.8098			S Breyer -1.2332 D Souter -0.7725	A Kennedy 0.6823	J Roberts 0.9303	S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2009 2009 2009 2009 2009 2009 2009 2009	Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Saug Jul Jun May Apr Mar Feb Jan Feb Jan Feb Jan May Apr Mar Feb Jan Feb	Obama Obama Obama Obama Obama Obama Obama G W Bush	J P Stevens -1.8098			S Breyer -1 2332 D Souter -0 .7725	A Kennedy 0.6823	J Roberts 0.9303	S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2009 2009 2009 2009 2009 2009 2009 2009	Jul Jun May Apr Mar Feb Jan Dec Sep Jul Jun May Apr Mar Feb Jan Dec Aug Jul Jun Mar Apr Mar Feb Jan Dec Sep Jul Jun Mar Apr Mar Feb Jan Dec Sep Jul Jun Mar Apr Mar Feb Jan	Obama Obama Obama Obama Obama Obama Obama Obama G W Bush	J P Stevens -1.8098			S Breyer -1 2332 D Souter -0.7725	A Kennedy 0.6823	J Roberts 0.9303	S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037
2009 2009 2009 2009 2009 2009 2009 2009	Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Saug Jul Jun May Apr Mar Feb Jan Feb Jan Feb Jan May Apr Mar Feb Jan Feb	Obama Obama Obama Obama Obama Obama Obama G W Bush	J P Stevens -1.8098			S Breyer -1 2332 D Souter -0 .7725	A Kennedy 0.6823	J Roberts 0.9303	S Alito 1.8167	A Scalia 2.5145	C Thomas 3.6037

Appendix C: 'Actual' Ideological Heatmap, 1971 to Present (Continued)

2005		G W Bush	J P Stevens -1.8098					S D O'Connor 1.0147		C Thomas 3.6037
2005		G W Bush	J P Stevens -1.8098						W Rehnquist 2.969	C Thomas 3.6037
2005		G W Bush	J P Stevens -1.8098					A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
2005		G W Bush	J P Stevens -1.8098					A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
2005		G W Bush	J P Stevens -1.8098					A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
2005		G W Bush	J P Stevens -1.8098						W Rehnquist 2.969	C Thomas 3.6037
2005		G W Bush	J P Stevens -1.8098					A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
2005		G W Bush	J P Stevens -1.8098			A Kennedy 0.6823		A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
2005 2005		G W Bush G W Bush	J P Stevens -1.8098 J P Stevens -1.8098			A Kennedy 0.6823 A Kennedy 0.6823		A Scalia 2.5145 A Scalia 2.5145	W Rehnquist 2.969 W Rehnquist 2.969	C Thomas 3.6037 C Thomas 3.6037
2003		G W Bush	J P Stevens -1.8098			A Kennedy 0.6823		A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
2004		G W Bush	J P Stevens -1.8098	R Ginsburg -1.731		A Kennedy 0.6823		A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
2004		G W Bush	J P Stevens -1.8098			A Kennedy 0.6823			W Rehnquist 2.969	C Thomas 3.6037
2004		G W Bush	J P Stevens -1.8098			A Kennedy 0.6823		A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
2004		G W Bush	J P Stevens -1.8098					A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
2004		G W Bush	J P Stevens -1.8098					A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
2004		G W Bush	J P Stevens -1.8098					A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
2004		G W Bush	J P Stevens -1.8098			A Kennedy 0.6823		A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
2004	Apr	G W Bush	J P Stevens -1.8098					A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
2004	Mar	G W Bush	J P Stevens -1.8098	R Ginsburg -1.731				A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
2004	Feb	G W Bush	J P Stevens -1.8098						W Rehnquist 2.969	C Thomas 3.6037
2004	Jan	G W Bush	J P Stevens -1.8098						W Rehnquist 2.969	C Thomas 3.6037
2003	Dec	G W Bush	J P Stevens -1.8098						W Rehnquist 2.969	C Thomas 3.6037
2003		G W Bush	J P Stevens -1.8098					A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
2003	Oct	G W Bush	J P Stevens -1.8098					A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
2003		G W Bush	J P Stevens -1.8098					A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
2003		G W Bush	J P Stevens -1.8098						W Rehnquist 2.969	C Thomas 3.6037
2003		G W Bush	J P Stevens -1.8098					A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
2003		G W Bush	J P Stevens -1.8098			A Kennedy 0.6823		A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
2003	-	G W Bush	J P Stevens -1.8098 J P Stevens -1.8098	R Ginsburg -1.731		A Kennedy 0.6823		A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
2003		G W Bush	J P Stevens -1.8098 J P Stevens -1.8098	R Ginsburg -1.731 R Ginsburg -1.731		A Kennedy 0.6823		A Scalia 2.5145 A Scalia 2.5145	W Rehnquist 2.969 W Rehnquist 2.969	C Thomas 3.6037 C Thomas 3.6037
2003 2003		G W Bush	J P Stevens -1.8098 J P Stevens -1.8098			A Kennedy 0.6823 A Kennedy 0.6823		A Scalia 2.5145 A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
2003		G W Bush	J P Stevens -1.8098	R Ginsburg -1.731		A Kennedy 0.6823			W Rehnquist 2.969	C Thomas 3.6037
2002		G W Bush	J P Stevens -1.8098	R Ginsburg -1.731		A Kennedy 0.6823		A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
2002		G W Bush	J P Stevens -1.8098					A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
2002		G W Bush	J P Stevens -1.8098					A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
2002		G W Bush	J P Stevens -1.8098			A Kennedy 0.6823		A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
2002		G W Bush	J P Stevens -1.8098					A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
2002		G W Bush	J P Stevens -1.8098					A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
2002	Jun	G W Bush	J P Stevens -1.8098					A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
2002	May	G W Bush	J P Stevens -1.8098						W Rehnquist 2.969	C Thomas 3.6037
2002	Apr	G W Bush	J P Stevens -1.8098					A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
2002	Mar	G W Bush	J P Stevens -1.8098					A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
2002		G W Bush	J P Stevens -1.8098					A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
2002		G W Bush	J P Stevens -1.8098					A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
2001		G W Bush	J P Stevens -1.8098			A Kennedy 0.6823			W Rehnquist 2.969	C Thomas 3.6037
2001		G W Bush	J P Stevens -1.8098						W Rehnquist 2.969	C Thomas 3.6037
2001		G W Bush	J P Stevens -1.8098			A Kennedy 0.6823		A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
2001 2001		G W Bush G W Bush	J P Stevens -1.8098 J P Stevens -1.8098			A Kennedy 0.6823 A Kennedy 0.6823		A Scalia 2.5145 A Scalia 2.5145	W Rehnquist 2.969 W Rehnquist 2.969	C Thomas 3.6037 C Thomas 3.6037
2001		G W Bush	J P Stevens -1.8098					A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
2001		G W Bush	J P Stevens -1.8098	R Ginsburg -1.731		A Kennedy 0.6823		A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
2001		G W Bush	J P Stevens -1.8098						W Rehnquist 2.969	C Thomas 3.6037
2001		G W Bush	J P Stevens -1.8098					A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
2001		G W Bush	J P Stevens -1.8098	R Ginsburg -1.731				A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
2001	Feb	G W Bush	J P Stevens -1.8098					A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
2001	Jan	G W Bush	J P Stevens -1.8098					A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
2000		Clinton	J P Stevens -1.8098					A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
2000		Clinton	J P Stevens -1.8098					A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
2000		Clinton	J P Stevens -1.8098						W Rehnquist 2.969	C Thomas 3.6037
2000		Clinton	J P Stevens -1.8098			A Kennedy 0.6823		A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
2000		Clinton	J P Stevens -1.8098					A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
2000		Clinton	J P Stevens -1.8098	R Ginsburg -1.731		A Kennedy 0.6823 A Kennedy 0.6823		A Scalia 2.5145 A Scalia 2.5145	W Rehnquist 2.969 W Rehnquist 2.969	C Thomas 3.6037
2000		Clinton	J P Stevens -1.8098	R Ginsburg -1.731		A Kennedy 0.6823			W Rehnquist 2.969	C Thomas 3.6037 C Thomas 3.6037
2000		Clinton	J P Stevens -1.8098			A Kennedy 0.6823			W Rehnquist 2.969	C Thomas 3.6037
2000		Clinton	J P Stevens -1.8098	R Ginsburg -1.731		A Kennedy 0.6823	S D O'Connor 1.0147		W Rehnquist 2.969	C Thomas 3.6037
2000		Clinton	J P Stevens -1.8098					A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
2000		Clinton	J P Stevens -1.8098						W Rehnquist 2.969	C Thomas 3.6037
1999		Clinton	J P Stevens -1.8098						W Rehnquist 2.969	C Thomas 3.6037
1999	Nov	Clinton	J P Stevens -1.8098						W Rehnquist 2.969	
1999	Oct	Clinton	J P Stevens -1.8098						W Rehnquist 2.969	C Thomas 3.6037
1999		Clinton	J P Stevens -1.8098						W Rehnquist 2.969	
1999		Clinton	J P Stevens -1.8098						W Rehnquist 2.969	
1999		Clinton	J P Stevens -1.8098						W Rehnquist 2.969	
1999		Clinton	J P Stevens -1.8098			A Kennedy 0.6823			W Rehnquist 2.969	C Thomas 3.6037
1999	-	Clinton	J P Stevens -1.8098						W Rehnquist 2.969	C Thomas 3.6037
1999		Clinton	J P Stevens -1.8098			A Kennedy 0.6823		A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
1999		Clinton	J P Stevens -1.8098			A Kennedy 0.6823		A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
1999		Clinton	J P Stevens -1.8098						W Rehnquist 2.969	C Thomas 3.6037
1999 1998		Clinton	J P Stevens -1.8098 J P Stevens -1.8098			A Kennedy 0.6823 A Kennedy 0.6823			W Rehnquist 2.969 W Rehnquist 2.969	C Thomas 3.6037 C Thomas 3.6037
1998		Clinton	J P Stevens -1.8098 J P Stevens -1.8098	R Ginsburg -1.731		A Kennedy 0.6823 A Kennedy 0.6823			W Rehnquist 2.969	C Thomas 3.6037
1998		Clinton	J P Stevens -1.8098			A Kennedy 0.6823			W Rehnquist 2.969	C Thomas 3.6037
1998		Clinton	J P Stevens -1.8098			A Kennedy 0.6823		A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
1998		Clinton	J P Stevens -1.8098	R Ginsburg -1.731		A Kennedy 0.6823			W Rehnquist 2.969	C Thomas 3.6037
1998		Clinton	J P Stevens -1.8098						W Rehnquist 2.969	C Thomas 3.6037
1998		Clinton	J P Stevens -1.8098	R Ginsburg -1.731					W Rehnquist 2.969	C Thomas 3.6037
1998		Clinton	J P Stevens -1.8098						W Rehnquist 2.969	C Thomas 3.6037
		Clinton	J P Stevens -1.8098						W Rehnquist 2.969	C Thomas 3.6037
1998										

Appendix C: 'Actual' Ideological Heatmap, 1971 to Present (Continued)

1998	Mar	Clinton	J P Stevens -1.8098	R Ginsburg -1.731	S Breyer -1.2332	D Souter -0.7725	A Kennedy 0.6823	S D O'Connor 1.0147	A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
1998	Feb	Clinton	J P Stevens -1.8098						A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
1998	Jan	Clinton	J P Stevens -1.8098						A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
1997	Dec .	Clinton	J P Stevens -1.8098						A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
1997	Nov Nov	Clinton	J P Stevens -1.8098						A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
1997	Oct	Clinton	J P Stevens -1.8098						A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
1997	Sep	Clinton	J P Stevens -1.8098						A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
1997	Aug	Clinton	J P Stevens -1.8098						A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
1997		Clinton	J P Stevens -1.8098						A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
	Jun	Clinton	J P Stevens -1.8098	R Ginsburg -1.731			A Kennedy 0.6823			W Rehnquist 2.969	C Thomas 3.6037
	May	Clinton	J P Stevens -1.8098							W Rehnquist 2.969	C Thomas 3.6037
	Apr	Clinton	J P Stevens -1.8098						A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
	Mar	Clinton	J P Stevens -1.8098							W Rehnquist 2.969	C Thomas 3.6037
	Feb	Clinton	J P Stevens -1.8098				A Kennedy 0.6823			W Rehnquist 2.969	C Thomas 3.6037
	Jan	Clinton	J P Stevens -1.8098	R Ginsburg -1.731			A Kennedy 0.6823 A Kennedy 0.6823			W Rehnquist 2.969	C Thomas 3.6037 C Thomas 3.6037
	Dec	Clinton	J P Stevens -1.8098				A Kennedy 0.6823		A Scalia 2.5145	W Rehnquist 2.969	
	Nov Oct	Clinton	J P Stevens -1.8098 J P Stevens -1.8098				A Kennedy 0.6823	S D O'Connor 1.0147 S D O'Connor 1.0147		W Rehnquist 2.969 W Rehnquist 2.969	C Thomas 3.6037 C Thomas 3.6037
	Sep	Clinton	J P Stevens -1.8098	R Ginsburg -1.731			A Kennedy 0.6823		A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
	Aug	Clinton	J P Stevens -1.8098	R Ginsburg -1.731			A Kennedy 0.6823	S D O'Connor 1.0147		W Rehnquist 2.969	C Thomas 3.6037
1996		Clinton	J P Stevens -1.8098	R Ginsburg -1.731			A Kennedy 0.6823			W Rehnquist 2.969	C Thomas 3.6037
	Jun	Clinton	J P Stevens -1.8098	R Ginsburg -1.731						W Rehnquist 2.969	C Thomas 3.6037
	May	Clinton	J P Stevens -1.8098							W Rehnquist 2.969	C Thomas 3.6037
1996	Apr	Clinton	J P Stevens -1.8098							W Rehnquist 2.969	C Thomas 3.6037
	Mar	Clinton								W Rehnquist 2.969	C Thomas 3.6037
	Feb	Clinton	J P Stevens -1.8098						A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
	Jan	Clinton	J P Stevens -1.8098							W Rehnquist 2.969	C Thomas 3.6037
1995	Dec	Clinton								W Rehnquist 2.969	C Thomas 3.6037
1995	Nov	Clinton	J P Stevens -1.8098						A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
1995		Clinton	J P Stevens -1.8098							W Rehnquist 2.969	C Thomas 3.6037
	Sep	Clinton	J P Stevens -1.8098							W Rehnquist 2.969	C Thomas 3.6037
	Aug	Clinton	J P Stevens -1.8098							W Rehnquist 2.969	C Thomas 3.6037
1995		Clinton	J P Stevens -1.8098						A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
1995		Clinton	J P Stevens -1.8098							W Rehnquist 2.969	C Thomas 3.6037
	May	Clinton	J P Stevens -1.8098				A Kennedy 0.6823			W Rehnquist 2.969	C Thomas 3.6037
	Apr	Clinton	J P Stevens -1.8098						A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
	Mar	Clinton	J P Stevens -1.8098				A Kennedy 0.6823			W Rehnquist 2.969	C Thomas 3.6037
	Feb	Clinton	J P Stevens -1.8098				A Kennedy 0.6823			W Rehnquist 2.969	C Thomas 3.6037
	Jan Dec	Clinton	J P Stevens -1.8098					S D O'Connor 1.0147 S D O'Connor 1.0147		W Rehnquist 2.969	C Thomas 3.6037 C Thomas 3.6037
	Nov	Clinton	J P Stevens -1.8098 J P Stevens -1.8098	R Ginsburg -1.731 R Ginsburg -1.731			A Kennedy 0.6823 A Kennedy 0.6823			W Rehnquist 2.969 W Rehnquist 2.969	C Thomas 3.6037
	Oct	Clinton	J P Stevens -1.8098				A Kennedy 0.6823			W Rehnquist 2.969	C Thomas 3.6037
	Sep	Clinton	J P Stevens -1.8098				A Kennedy 0.6823		A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
	Aug	Clinton	J P Stevens -1.8098	R Ginsburg -1.731			A Kennedy 0.6823			W Rehnquist 2.969	C Thomas 3.6037
1994		Clinton	J P Stevens -1.8098				A Kennedy 0.6823			W Rehnquist 2.969	C Thomas 3.6037
	Jun	Clinton	J P Stevens -1.8098				A Kennedy 0.6823			W Rehnquist 2.969	C Thomas 3.6037
	May	Clinton	J P Stevens -1.8098						A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
1994	Apr	Clinton	J P Stevens -1.8098						A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
1994	Mar	Clinton							A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
1994	Feb	Clinton	J P Stevens -1.8098						A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
1994	Jan	Clinton	J P Stevens -1.8098						A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
1993	Dec	Clinton	J P Stevens -1.8098						A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
	Nov	Clinton	J P Stevens -1.8098						A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
	Oct	Clinton	J P Stevens -1.8098							W Rehnquist 2.969	C Thomas 3.6037
	Sep	Clinton	J P Stevens -1.8098							W Rehnquist 2.969	C Thomas 3.6037
	Aug	Clinton	J P Stevens -1.8098	R Ginsburg -1.731		H Blackmun -0.0273	A Kennedy 0.6823			W Rehnquist 2.969	C Thomas 3.6037
1993		Clinton	J P Stevens -1.8098			D 148 11 0 400	A Kennedy 0.6823		A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
	Jun	Clinton	J P Stevens -1.8098 J P Stevens -1.8098			B White 0.436 B White 0.436	A Kennedy 0.6823 A Kennedy 0.6823			W Rehnquist 2.969 W Rehnquist 2.969	C Thomas 3.6037 C Thomas 3.6037
1993	May Apr	Clinton	J P Stevens -1.8098			B White 0.436	A Kennedy 0.6823		A Scalia 2.5145 A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
	Mar	Clinton	J P Stevens -1.8098			B White 0.436				W Rehnquist 2.969	C Thomas 3.6037
	Feb	Clinton	J P Stevens -1.8098			B White 0.436	A Kennedy 0.6823			W Rehnquist 2.969	C Thomas 3.6037
	Jan	Clinton	J P Stevens -1.8098							W Rehnquist 2.969	C Thomas 3.6037
	Dec	G H W Bush	J P Stevens -1.8098							W Rehnquist 2.969	C Thomas 3.6037
1992	Nov	G H W Bush	J P Stevens -1.8098						A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
1992	Oct	G H W Bush	J P Stevens -1.8098							W Rehnquist 2.969	C Thomas 3.6037
	Sep	G H W Bush	J P Stevens -1.8098						A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
	Aug	G H W Bush	J P Stevens -1.8098							W Rehnquist 2.969	C Thomas 3.6037
1992		G H W Bush	J P Stevens -1.8098			B White 0.436				W Rehnquist 2.969	C Thomas 3.6037
	2 Jun	G H W Bush	J P Stevens -1.8098			B White 0.436	A Kennedy 0.6823		A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
	2 May	G H W Bush	J P Stevens -1.8098			B White 0.436	A Kennedy 0.6823		A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
	2 Apr	G H W Bush	J P Stevens -1.8098			B White 0.436	A Kennedy 0.6823			W Rehnquist 2.969	C Thomas 3.6037
	Mar Feb	G H W Bush G H W Bush	J P Stevens -1.8098 J P Stevens -1.8098			B White 0.436 B White 0.436	A Kennedy 0.6823 A Kennedy 0.6823		A Scalia 2.5145 A Scalia 2.5145	W Rehnquist 2.969 W Rehnquist 2.969	C Thomas 3.6037 C Thomas 3.6037
	2 Jan	G H W Bush	J P Stevens -1.8098			B White 0.436	A Kennedy 0.6823			W Rehnquist 2.969	C Thomas 3.6037
	Dec	G H W Bush	J P Stevens -1.8098			B White 0.436	A Kennedy 0.6823			W Rehnquist 2.969	C Thomas 3.6037
	Nov	G H W Bush	J P Stevens -1.8098			B White 0.436	A Kennedy 0.6823		A Scalia 2.5145 A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
	Oct	G H W Bush	J P Stevens -1.8098			B White 0.436	A Kennedy 0.6823		A Scalia 2.5145	W Rehnquist 2.969	C Thomas 3.6037
	Sep	G H W Bush	T Marshall -2.8313						S D O'Connor 1.0147		W Rehnquist 2.969
1991	_	G H W Bush	T Marshall -2.8313							A Scalia 2.5145	W Rehnquist 2.969
	Aug		T Marshall -2.8313								W Rehnquist 2.969
		G H W Bush								A Scalia 2.5145	W Rehnquist 2.969
1991 1991		G H W Bush G H W Bush	T Marshall -2.8313								
1991 1991 1991	Jul		T Marshall -2.8313 T Marshall -2.8313	J P Stevens -1.8098 J P Stevens -1.8098						A Scalia 2.5145	W Rehnquist 2.969
1991 1991 1991	Jul Jun	G H W Bush	T Marshall -2.8313					A Kennedy 0.6823 A Kennedy 0.6823		A Scalia 2.5145 A Scalia 2.5145	W Rehnquist 2.969 W Rehnquist 2.969
1991 1991 1991 1991 1991	Jul Jun May Apr Mar	G H W Bush G H W Bush G H W Bush G H W Bush	T Marshall -2.8313 T Marshall -2.8313 T Marshall -2.8313 T Marshall -2.8313	J P Stevens -1.8098 J P Stevens -1.8098 J P Stevens -1.8098						A Scalia 2.5145 A Scalia 2.5145	W Rehnquist 2.969 W Rehnquist 2.969
1991 1991 1991 1991 1991 1991	Jul Jun May Apr Mar Feb	G H W Bush G H W Bush G H W Bush G H W Bush G H W Bush	T Marshall -2.8313 T Marshall -2.8313 T Marshall -2.8313 T Marshall -2.8313 T Marshall -2.8313	J P Stevens -1.8098 J P Stevens -1.8098 J P Stevens -1.8098 J P Stevens -1.8098				A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823		A Scalia 2.5145 A Scalia 2.5145 A Scalia 2.5145	W Rehnquist 2.969 W Rehnquist 2.969 W Rehnquist 2.969
1991 1991 1991 1991 1991 1991	Jul Jun May Apr Mar Feb Jan	G H W Bush G H W Bush	T Marshall -2.8313 T Marshall -2.8313 T Marshall -2.8313 T Marshall -2.8313 T Marshall -2.8313 T Marshall -2.8313	J P Stevens -1.8098 J P Stevens -1.8098 J P Stevens -1.8098 J P Stevens -1.8098 J P Stevens -1.8098				A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823		A Scalia 2.5145 A Scalia 2.5145 A Scalia 2.5145 A Scalia 2.5145	W Rehnquist 2.969 W Rehnquist 2.969 W Rehnquist 2.969 W Rehnquist 2.969
1991 1991 1991 1991 1991 1991 1991	Jul Jun May Apr Mar Feb Jan Dec	G H W Bush	T Marshall -2.8313 T Marshall -2.8313 T Marshall -2.8313 T Marshall -2.8313 T Marshall -2.8313 T Marshall -2.8313 T Marshall -2.8313	J P Stevens -1.8098 J P Stevens -1.8098				A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823		A Scalia 2.5145 A Scalia 2.5145 A Scalia 2.5145 A Scalia 2.5145 A Scalia 2.5145	W Rehnquist 2.969 W Rehnquist 2.969 W Rehnquist 2.969 W Rehnquist 2.969 W Rehnquist 2.969
1991 1991 1991 1991 1991 1991 1991 199	Jul Jun May Apr Mar Feb Jan Dec Nov	G H W Bush	T Marshall -2.8313	J P Stevens -1.8098 J P Stevens -1.8098				A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823		A Scalia 2.5145	W Rehnquist 2.969 W Rehnquist 2.969 W Rehnquist 2.969 W Rehnquist 2.969 W Rehnquist 2.969 W Rehnquist 2.969
1991 1991 1991 1991 1991 1991 1991 199	Jul Jun May Apr Mar Feb Jan Dec Nov	G H W Bush	T Marshall -2.8313	J P Stevens -1.8098 J P Stevens -1.8098				A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823		A Scalia 2.5145	W Rehnquist 2.969 W Rehnquist 2.969 W Rehnquist 2.969 W Rehnquist 2.969 W Rehnquist 2.969 W Rehnquist 2.969 W Rehnquist 2.969
1991 1991 1991 1991 1991 1991 1991 199	Jul Jun May Apr Mar Feb Jan Dec Nov	G H W Bush	T Marshall -2.8313	J P Stevens -1.8098 J P Stevens -1.8098				A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823		A Scalia 2.5145	W Rehnquist 2.969 W Rehnquist 2.969 W Rehnquist 2.969 W Rehnquist 2.969 W Rehnquist 2.969 W Rehnquist 2.969

Appendix C: 'Actual' Ideological Heatmap, 1971 to Present (Continued)

1990	Aug	G H W Bush	T Marshall -2.8313	J P Stevens -1.8098	H Blackmun -0.0273	B White 0.436	A Kennedy 0.6823	S D O'Connor 1.0147		A Scalia 2.5145	W Rehnquist 2.969
1990	Jul	G H W Bush	T Marshall -2.8313						W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
1990	Jun	G H W Bush	T Marshall -2.8313						W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
1990	May	G H W Bush	T Marshall -2.8313						W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
1990	Apr	G H W Bush	T Marshall -2.8313						W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
1990	Mar	G H W Bush	T Marshall -2.8313						W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
1990	Feb	G H W Bush	T Marshall -2.8313						W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
1990	Jan	G H W Bush	T Marshall -2.8313						W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
	Dec	G H W Bush	T Marshall -2.8313						W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
	Nov	G H W Bush	T Marshall -2.8313			B White 0.436	A Kennedy 0.6823	S D O'Connor 1.0147	W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
	Oct	G H W Bush	T Marshall -2.8313							A Scalia 2.5145	W Rehnquist 2.969
	Sep	G H W Bush	T Marshall -2.8313						W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
	Aug	G H W Bush	T Marshall -2.8313						W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
1989		G H W Bush	T Marshall -2.8313 T Marshall -2.8313	J P Stevens -1.8098 J P Stevens -1.8098		B White 0.436	A Kennedy 0.6823		W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
	Jun	G H W Bush				B White 0.436	A Kennedy 0.6823		W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
	May	G H W Bush G H W Bush	T Marshall -2.8313				A Kennedy 0.6823 A Kennedy 0.6823		W Brennan 1.7802	A Scalia 2.5145 A Scalia 2.5145	W Rehnquist 2.969 W Rehnquist 2.969
1989	Mar	G H W Bush	T Marshall -2.8313 T Marshall -2.8313	J P Stevens -1.8098 J P Stevens -1.8098		B White 0.436 B White 0.436	A Kennedy 0.6823		W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
	Feb	G H W Bush	T Marshall -2.8313	J P Stevens -1.8098		B White 0.436	A Kennedy 0.6823	S D O'Connor 1.0147	W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
	Jan	G H W Bush	T Marshall -2.8313			B White 0.436	A Kennedy 0.6823		W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
	Dec	Reagan	T Marshall -2.8313						W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
	Nov	Reagan	T Marshall -2.8313						W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
	Oct	Reagan	T Marshall -2.8313			B White 0.436		S D O'Connor 1.0147	W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
	Sep	Reagan	T Marshall -2.8313						W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
1988	Aug	Reagan	T Marshall -2.8313						W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
1988	Jul	Reagan	T Marshall -2.8313						W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
1988	Jun	Reagan	T Marshall -2.8313						W Brennan 1.7802		W Rehnquist 2.969
1988	May	Reagan	T Marshall -2.8313						W Brennan 1.7802		W Rehnquist 2.969
1988	Apr	Reagan	T Marshall -2.8313						W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
	Mar	Reagan	T Marshall -2.8313						W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
	Feb	Reagan	T Marshall -2.8313				A Kennedy 0.6823		W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
1988	_	Reagan	T Marshall -2.8313					S D O'Connor 1.0147	W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
	Dec	Reagan	T Marshall -2.8313	J P Stevens -1.8098		B White 0.436		S D O'Connor 1.0147	W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
	Nov	Reagan	T Marshall -2.8313					S D O'Connor 1.0147		A Scalia 2.5145	W Rehnquist 2.969
	Oct	Reagan	T Marshall -2.8313	J P Stevens -1.8098		B White 0.436		S D O'Connor 1.0147	W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
	Sep .	Reagan	T Marshall -2.8313					S D O'Connor 1.0147	W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
	Aug	Reagan	T Marshall -2.8313	J P Stevens -1.8098				S D O'Connor 1.0147	W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
1987		Reagan	T Marshall -2.8313	J P Stevens -1.8098		B White 0.436	L Powell 0.9696	S D O'Connor 1.0147	W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
	Jun	Reagan	T Marshall -2.8313 T Marshall -2.8313	J P Stevens -1.8098 J P Stevens -1.8098		B White 0.436 B White 0.436			W Brennan 1.7802 W Brennan 1.7802	A Scalia 2.5145 A Scalia 2.5145	W Rehnquist 2.969 W Rehnquist 2.969
1987	May	Reagan Reagan	T Marshall -2.8313	J P Stevens -1.8098			L Powell 0.9696 L Powell 0.9696		W Brennan 1.7802	A Scalia 2.5145 A Scalia 2.5145	W Rehnquist 2.969
	Mar	Reagan	T Marshall -2.8313	J P Stevens -1.8098		B White 0.436	L Powell 0.9696		W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
	Feb	Reagan	T Marshall -2.8313						W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
	Jan	Reagan	T Marshall -2.8313	J P Stevens -1.8098		B White 0.436	L Powell 0.9696		W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
	Dec	Reagan	T Marshall -2.8313							A Scalia 2.5145	W Rehnquist 2.969
	Nov	Reagan	T Marshall -2.8313						W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
	Oct	Reagan	T Marshall -2.8313						W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
1986	Sep	Reagan	T Marshall -2.8313						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1986	Aug	Reagan	T Marshall -2.8313						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1986	Jul	Reagan	T Marshall -2.8313						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1986	Jun	Reagan	T Marshall -2.8313						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1986	May	Reagan	T Marshall -2.8313						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1986		Reagan	T Marshall -2.8313						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
	Mar	Reagan	T Marshall -2.8313						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
	Feb	Reagan	T Marshall -2.8313						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
	Jan	Reagan	T Marshall -2.8313						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
	Dec	Reagan	T Marshall -2.8313						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
	Nov	Reagan	T Marshall -2.8313 T Marshall -2.8313	J P Stevens -1.8098 J P Stevens -1.8098		B White 0.436 B White 0.436	L Powell 0.9696	S D O'Connor 1.0147 S D O'Connor 1.0147		W Burger 1.89	W Rehnquist 2.969
	Oct Sep	Reagan	T Marshall -2.8313	J P Stevens -1.8098		B White 0.436	L Powell 0.9696 L Powell 0.9696		W Brennan 1.7802	W Burger 1.89 W Burger 1.89	W Rehnquist 2.969 W Rehnquist 2.969
	Aug	Reagan Reagan	T Marshall -2.8313			B White 0.436	L Powell 0.9696			W Burger 1.89	W Rehnquist 2.969
1985		Reagan	T Marshall -2.8313	J P Stevens -1.8098		B White 0.436	L Powell 0.9696			W Burger 1.89	W Rehnquist 2.969
	Jun	Reagan	T Marshall -2.8313	J P Stevens -1.8098		B White 0.436	L Powell 0.9696			W Burger 1.89	W Rehnquist 2.969
	May	Reagan	T Marshall -2.8313							W Burger 1.89	W Rehnquist 2.969
1985		Reagan	T Marshall -2.8313							W Burger 1.89	W Rehnquist 2.969
	Mar	Reagan	T Marshall -2.8313						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1985	Feb	Reagan	T Marshall -2.8313						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
	Jan	Reagan	T Marshall -2.8313							W Burger 1.89	W Rehnquist 2.969
	Dec	Reagan	T Marshall -2.8313							W Burger 1.89	W Rehnquist 2.969
	Nov	Reagan	T Marshall -2.8313						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
	4 Oct	Reagan	T Marshall -2.8313	J P Stevens -1.8098			L Powell 0.9696		W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
	1 Sep	Reagan	T Marshall -2.8313			B White 0.436				W Burger 1.89	W Rehnquist 2.969
	Aug	Reagan	T Marshall -2.8313	J P Stevens -1.8098		B White 0.436	L Powell 0.9696			W Burger 1.89	W Rehnquist 2.969
1984	_	Reagan	T Marshall -2.8313 T Marshall -2.8313	J P Stevens -1.8098		B White 0.436 B White 0.436	L Powell 0.9696		W Brennan 1.7802	W Burger 1.89	W Rehnquist 2,969
	Jun May	Reagan Reagan	T Marshall -2.8313			B White 0.436	L Powell 0.9696 L Powell 0.9696	S D O'Connor 1.0147 S D O'Connor 1.0147		W Burger 1.89 W Burger 1.89	W Rehnquist 2.969 W Rehnquist 2.969
1984		Reagan	T Marshall -2.8313	J P Stevens -1.8098		B White 0.436	L Powell 0.9696		W Brennan 1.7802 W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
	Mar	Reagan	T Marshall -2.8313	J P Stevens -1.8098			L Powell 0.9696	S D O'Connor 1.0147	W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
	Feb	Reagan	T Marshall -2.8313							W Burger 1.89	W Rehnquist 2.969
	Jan	Reagan	T Marshall -2.8313	J P Stevens -1.8098		B White 0.436	L Powell 0.9696			W Burger 1.89	W Rehnquist 2.969
	Dec	Reagan	T Marshall -2.8313	J P Stevens -1.8098		B White 0.436	L Powell 0.9696	S D O'Connor 1.0147	W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
	Nov	Reagan	T Marshall -2.8313							W Burger 1.89	W Rehnquist 2.969
	Oct	Reagan	T Marshall -2.8313							W Burger 1.89	W Rehnquist 2.969
	Sep	Reagan	T Marshall -2.8313						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
	Aug	Reagan	T Marshall -2.8313							W Burger 1.89	W Rehnquist 2.969
1983		Reagan	T Marshall -2.8313							W Burger 1.89	W Rehnquist 2.969
	Jun	Reagan	T Marshall -2.8313							W Burger 1.89	W Rehnquist 2.969
	May	Reagan	T Marshall -2.8313						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1983	Apr	Reagan	T Marshall -2.8313							W Burger 1.89	W Rehnquist 2.969
	Mar	Reagan	T Marshall -2.8313						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
		Reagan	T Marshall -2.8313						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1983	Feb	Reayan	Timaronan 2.0010								

Appendix C: 'Actual' Ideological Heatmap, 1971 to Present (Continued)

1983	Jan	Reagan	T Marshall -2.8313					W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1982	Dec	Reagan	T Marshall -2.8313					W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1982	Nov	Reagan	T Marshall -2.8313					W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1982	Oct	Reagan	T Marshall -2.8313					W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1982	Sep	Reagan	T Marshall -2.8313					W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1982	Aug	Reagan	T Marshall -2.8313						W Burger 1.89	W Rehnquist 2.969
1982	Jul	Reagan	T Marshall -2.8313		B White 0.436			W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1982		Reagan	T Marshall -2.8313					W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
	May	Reagan	T Marshall -2.8313					W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1982		Reagan	T Marshall -2.8313					W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
	Mar	Reagan	T Marshall -2.8313					W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1982		Reagan	T Marshall -2.8313	J P Stevens -1.8098	B White 0.436	L Powell 0.9696	S D O'Connor 1.0147	W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1982	Dec	Reagan	T Marshall -2.8313 T Marshall -2.8313				S D O'Connor 1.0147 S D O'Connor 1.0147		W Burger 1.89	W Rehnquist 2.969
	Nov	Reagan Reagan	T Marshall -2.8313	J P Stevens -1.8098	B White 0.436 B White 0.436	L Powell 0.9696 L Powell 0.9696		W Brennan 1.7802 W Brennan 1.7802	W Burger 1.89 W Burger 1.89	W Rehnquist 2.969 W Rehnquist 2.969
1981	-	Reagan	T Marshall -2.8313	J P Stevens -1.8098	B White 0.436	L Powell 0.9696	S D O'Connor 1.0147	W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
	Sep	Reagan	T Marshall -2.8313	J P Stevens -1.8098		B White 0.436	L Powell 0.9696	W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
	Aug	Reagan	T Marshall -2.8313			B White 0.436	L Powell 0.9696	W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1981		Reagan	T Marshall -2.8313			B White 0.436		W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1981	Jun	Reagan	T Marshall -2.8313		P Stewart 0.4022			W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1981	May	Reagan	T Marshall -2.8313					W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1981	Apr	Reagan	T Marshall -2.8313					W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1981	Mar	Reagan	T Marshall -2.8313					W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
	Feb	Reagan	T Marshall -2.8313					W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1981		Reagan	T Marshall -2.8313					W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
	Dec	Carter	T Marshall -2.8313	J P Stevens -1.8098	P Stewart 0.4022		L Powell 0.9696	W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1980	-	Carter	T Marshall -2.8313	J P Stevens -1.8098	P Stewart 0.4022	B White 0.436	L Powell 0.9696	W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1980		Carter	T Marshall -2.8313 T Marshall -2.8313	J P Stevens -1.8098 J P Stevens -1.8098	P Stewart 0.4022 P Stewart 0.4022	B White 0.436	L Powell 0.9696	W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
	Sep Aug	Carter Carter	T Marshall -2.8313	J P Stevens -1.8098 J P Stevens -1.8098	P Stewart 0.4022 P Stewart 0.4022		L Powell 0.9696 L Powell 0.9696	W Brennan 1.7802 W Brennan 1.7802	W Burger 1.89 W Burger 1.89	W Rehnquist 2.969 W Rehnquist 2.969
1980		Carter	T Marshall -2.8313	J P Stevens -1.8098	P Stewart 0.4022		L Powell 0.9696	W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1980		Carter	T Marshall -2.8313		P Stewart 0.4022			W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
	May	Carter	T Marshall -2.8313					W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1980		Carter	T Marshall -2.8313					W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1980	Mar	Carter	T Marshall -2.8313					W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1980	Feb	Carter	T Marshall -2.8313					W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1980	Jan	Carter	T Marshall -2.8313					W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1979	Dec	Carter	T Marshall -2.8313					W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1979	Nov	Carter	T Marshall -2.8313					W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1979	Oct	Carter	T Marshall -2.8313					W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
	Sep	Carter	T Marshall -2.8313					W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
	Aug	Carter	T Marshall -2.8313					W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1979		Carter	T Marshall -2.8313	J P Stevens -1.8098	P Stewart 0.4022		L Powell 0.9696	W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1979	May	Carter Carter	T Marshall -2.8313 T Marshall -2.8313	J P Stevens -1.8098 J P Stevens -1.8098			L Powell 0.9696 L Powell 0.9696	W Brennan 1.7802 W Brennan 1.7802	W Burger 1.89 W Burger 1.89	W Rehnquist 2.969 W Rehnquist 2.969
1979		Carter	T Marshall -2.8313			B White 0.436	L Powell 0.9696	W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1979		Carter	T Marshall -2.8313	J P Stevens -1.8098	P Stewart 0.4022	B White 0.436	L Powell 0.9696	W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
	Feb	Carter	T Marshall -2.8313					W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1979		Carter	T Marshall -2.8313					W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1978	Dec	Carter	T Marshall -2.8313					W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1978	Nov	Carter	T Marshall -2.8313					W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1978	Oct	Carter	T Marshall -2.8313					W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1978	Sep	Carter	T Marshall -2.8313					W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
	Aug	Carter	T Marshall -2.8313					W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1978		Carter	T Marshall -2.8313					W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1978		Carter	T Marshall -2.8313	J P Stevens -1.8098	P Stewart 0.4022			W Brennan 1.7802 W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
	May	Carter	T Marshall -2.8313 T Marshall -2.8313							W. D. I
1978 1978		Carter Carter	T Marshall -2.8313						W Burger 1.89	W Rehnquist 2.969
1978		Carter		J P Stevens -1 8008	P Stewart 0.4022			W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1978				J P Stevens -1.8098 J P Stevens -1.8098	P Stewart 0.4022 P Stewart 0.4022 P Stewart 0.4022			W Brennan 1.7802 W Brennan 1.7802	W Burger 1.89 W Burger 1.89	
1977	-	Carter	T Marshall -2.8313 T Marshall -2.8313	J P Stevens -1.8098 J P Stevens -1.8098 J P Stevens -1.8098			L Powell 0.9696 L Powell 0.9696	W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969 W Rehnquist 2.969
1977	Dec	Carter	T Marshall -2.8313				L Powell 0.9696 L Powell 0.9696 L Powell 0.9696	W Brennan 1.7802 W Brennan 1.7802 W Brennan 1.7802	W Burger 1.89 W Burger 1.89 W Burger 1.89	W Rehnquist 2.969 W Rehnquist 2.969 W Rehnquist 2.969
			T Marshall -2.8313 T Marshall -2.8313				L Powell 0.9696 L Powell 0.9696 L Powell 0.9696 L Powell 0.9696	W Brennan 1.7802 W Brennan 1.7802 W Brennan 1.7802 W Brennan 1.7802	W Burger 1.89 W Burger 1.89 W Burger 1.89 W Burger 1.89	W Rehnquist 2.969 W Rehnquist 2.969 W Rehnquist 2.969 W Rehnquist 2.969
1977	Nov	Carter	T Marshall -2.8313 T Marshall -2.8313 T Marshall -2.8313	J P Stevens -1.8098 J P Stevens -1.8098 J P Stevens -1.8098	P Stewart 0.4022 P Stewart 0.4022 P Stewart 0.4022 P Stewart 0.4022		L Powell 0.9696 L Powell 0.9696 L Powell 0.9696 L Powell 0.9696 L Powell 0.9696	W Brennan 1.7802 W Brennan 1.7802 W Brennan 1.7802 W Brennan 1.7802 W Brennan 1.7802	W Burger 1.89 W Burger 1.89 W Burger 1.89 W Burger 1.89 W Burger 1.89 W Burger 1.89 W Burger 1.89	W Rehnquist 2.969 W Rehnquist 2.969 W Rehnquist 2.969 W Rehnquist 2.969 W Rehnquist 2.969 W Rehnquist 2.969 W Rehnquist 2.969
1977	Nov Oct Sep	Carter Carter Carter Carter	T Marshall -2.8313 T Marshall -2.8313 T Marshall -2.8313 T Marshall -2.8313 T Marshall -2.8313 T Marshall -2.8313	J P Stevens -1.8098 J P Stevens -1.8098	P Stewart 0.4022		L Powell 0.9696 L Powell 0.9696 L Powell 0.9696 L Powell 0.9696 L Powell 0.9696 L Powell 0.9696 L Powell 0.9696	W Brennan 1.7802 W Brennan 1.7802	W Burger 1.89 W Burger 1.89	W Rehnquist 2.969
1977 1977	Nov Oct Sep Aug	Carter Carter Carter Carter Carter Carter	T Marshall -2.8313 T Marshall -2.8313 T Marshall -2.8313 T Marshall -2.8313 T Marshall -2.8313 T Marshall -2.8313 T Marshall -2.8313	J P Stevens -1.8098 J P Stevens -1.8098	P Stewart 0.4022		L Powell 0.9696 L Powell 0.9696	W Brennan 1.7802 W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1977 1977 1977	Nov Oct Sep Aug Jul	Carter Carter Carter Carter Carter Carter Carter	T Marshall -2.8313	J P Stevens -1.8098 J P Stevens -1.8098	P Stewart 0.4022		L Powell 0.9696 L Powell 0.9696	W Brennan 1.7802 W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1977 1977 1977 1977	Nov Oct Sep Aug Jul Jun	Carter Carter Carter Carter Carter Carter Carter Carter Carter	T Marshall -2.8313	J P Stevens -1.8098 J P Stevens -1.8098	P Stewart 0.4022		L Powell 0.9696 L Powell 0.9696	W Brennan 1.7802 W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1977 1977 1977 1977 1977	Nov Oct Sep Aug Jul Jun May	Carter	T Marshall -2.8313	J P Stevens -1.8098 J P Stevens -1.8098	P Stewart 0.4022		L Powell 0.9696 L Powell 0.9696	W Brennan 1.7802 W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1977 1977 1977 1977 1977	Nov Oct Sep Aug Jul Jun May Apr	Carter	T Marshall -2.8313	J P Stevens -1.8098 J P Stevens -1.8098	P Stewart 0.4022		L Powell 0.9696 L Powell 0.9696	W Brennan 1.7802 W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1977 1977 1977 1977 1977 1977	Nov Oct Sep Aug Jul Jun May Apr Mar	Carter	T Marshall -2.8313	J P Stevens -1.8098	P Stewart 0.4022		L Powell 0.9696	W Brennan 1.7802 W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1977 1977 1977 1977 1977 1977 1977	Nov Oct Sep Aug Jul Jun May Apr Mar Feb	Carter	T Marshall -2.8313	J P Stevens -1.8098 J P Stevens -1.8098	P Stewart 0.4022		L Powell 0.9696 L Powell 0.9696	W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1977 1977 1977 1977 1977 1977 1977 1977	Nov Oct Sep Aug Jul Jun May Apr Mar	Carter	T Marshall -2.8313	J P Stevens -1.8098	P Stewart 0.4022		L Powell 0.9696	W Brennan 1.7802 W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1977 1977 1977 1977 1977 1977 1977 1977	Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan	Carter	T Marshall -2.8313	J P Stevens -1.8098	P Stewart 0.4022		L Powell 0.9696	W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1977 1977 1977 1977 1977 1977 1977 1977	Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec	Carter	T Marshall -2.8313	J P Stevens -1.8098	P Stewart 0.4022		L Powell 0.9696	W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1977 1977 1977 1977 1977 1977 1977 1977	Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov	Carter Ford	T Marshall -2.8313	J P Stevens -1.8098	P Stewart 0.4022		L Powell 0.9696 L Powell 0.9698 L Powell 0.9698 L Powell 0.9696	W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1977 1977 1977 1977 1977 1977 1977 1977	Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct	Carter Ford Ford Ford	T Marshall -2.8313	J P Stevens -1.8098	P Stewart 0.4022		L Powell 0.9696	W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1977 1977 1977 1977 1977 1977 1977 1977	Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug	Carter Ford Ford Ford	T Marshall -2.8313	J P Stevens -1.8098	P Stewart 0.4022		L Powell 0.9696	W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1977 1977 1977 1977 1977 1977 1977 1977	Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun	Carter Ford Ford Ford Ford Ford Ford Ford For	T Marshall -2.8313	J P Stevens -1.8098	P Stewart 0.4022		L Powell 0.9696	W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1977 1977 1977 1977 1977 1977 1977 1976 1976	Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May	Carter Ford Ford Ford Ford Ford Ford Ford For	T Marshall - 2.8313	J P Stevens -1.8098	P Stewart 0.4022		L Powell 0.9696	W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1977 1977 1977 1977 1977 1977 1977 1977	Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr	Carter Ford Ford Ford Ford Ford Ford Ford For	T Marshall -2.8313	J P Stevens -1.8098	P Stewart 0.4022		L Powell 0.9696	W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1977 1977 1977 1977 1977 1977 1977 1976 1976	Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Mar Mar Mar Mar Mar Mar Mar Mar Mar	Carter Ford Ford Ford Ford Ford Ford Ford For	T Marshall -2.8313	J P Stevens -1.8098	P Stewart 0.4022		L Powell 0.9696	W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1977 1977 1977 1977 1977 1977 1977 1976 1976	Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Oct Sep Aug Jul Jun May Apr May Apr May Apr May Apr May Apr Apr Feb	Carter Ford Ford Ford Ford Ford Ford Ford For	T Marshall - 2.8313	J P Stevens -1.8098	P Stewart 0.4022		L Powell 0.9696	W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1977 1977 1977 1977 1977 1977 1977 1976 1976	Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Apr Apr May Apr May Apr May Apr May Apr May Apr Mar Feb Jan	Carter Ford Ford Ford Ford Ford Ford Ford For	T Marshall -2.8313	J P Stevens -1.8098	P Stewart 0.4022		L Powell 0.9696	W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1977 1977 1977 1977 1977 1977 1977 1977	Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Jul Jun May Apr Aug Jul Jun May Apr Aug Jun May Apr Mar Feb Jan Dec	Carter Ford Ford Ford Ford Ford Ford Ford For	T Marshall -2.8313	J P Stevens -1.8098	P Stewart 0.4022		L Powell 0.9696	W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1977 1977 1977 1977 1977 1977 1977 1977	Nov Oct Sep Jul Jun May Apr Mar Feb Jun May Aug Jul Jun May Apr May Apr Mar Feb Dec Nov Dec Nov May Apr Mar Feb Nov Nov Nov Nov Nov	Carter Ford Ford Ford Ford Ford Ford Ford For	T Marshall -2.8313	J P Stevens -1.8098	P Stewart 0.4022		L Powell 0.9696	W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1977 1977 1977 1977 1977 1977 1977 1976 1976	Nov Oct Sep Jul Jun May Apr Mar Feb Jan Duc Nov Apr Mar Feb Jul Jun May Nov Dec Nov Oct Nov Oct	Carter Ford Ford Ford Ford Ford Ford Ford For	T Marshall -2.8313	J P Stevens -1.8098	P Stewart 0.4022		L Powell 0.9696	W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1977 1977 1977 1977 1977 1977 1977 1977	Nov Oct Sep Aug Jul Jun May Oct Sep Aug Jul Jun May Apr Mar Feb Jun May Apr Apr Apr Apr Apr Apr Apr Apr Mar Feb Jun Dec Nov Oct Sep	Carter Ford Ford Ford Ford Ford Ford Ford For	T Marshall -2.8313	J P Stevens -1.8098	P Stewart 0.4022		L Powell 0.9696	W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1977 1977 1977 1977 1977 1977 1977 1977	Nov Oct Sep Aug Jul Jun May Apr Mar Apr Mar Apr May Apr Apr Mos Apr May Apr Apr Apr Mar Apr Mar Apr Mar Apr Mar Sep Aug Jun Dec Nov Oct Sep Aug Apr Mar Mar Apr Mar Mar Mar Mar Mar Mar Mar Mar Mar Ma	Carter Ford Ford Ford Ford Ford Ford Ford For	T Marshall -2.8313	J P Stevens -1.8098	P Stewart 0.4022		L Powell 0.9696	W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969

Appendix C: 'Actual' Ideological Heatmap, 1971 to Present (Continued)

1975		Ford	W Douglas -4.725						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1975		Ford	W Douglas -4.725						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1975	Apr	Ford	W Douglas -4.725						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1975	Mar	Ford	W Douglas -4.725						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1975		Ford	W Douglas -4.725						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1975		Ford	W Douglas -4.725						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1974	Dec	Ford	W Douglas -4.725						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1974	Nov	Ford	W Douglas -4.725						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1974		Ford	W Douglas -4.725						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1974	Sep	Ford	W Douglas -4.725						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1974		Ford	W Douglas -4.725						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1974	Jul	Nixon	W Douglas -4.725						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1974	Jun	Nixon	W Douglas -4.725						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1974		Nixon	W Douglas -4.725						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1974	Apr	Nixon	W Douglas -4.725						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1974	Mar	Nixon	W Douglas -4.725						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1974		Nixon	W Douglas -4.725						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1974	Jan	Nixon	W Douglas -4.725						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1973	Dec	Nixon	W Douglas -4.725						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1973	Nov	Nixon	W Douglas -4.725						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1973		Nixon	W Douglas -4.725						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1973		Nixon	W Douglas -4.725						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1973	Aug	Nixon	W Douglas -4.725						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1973	_	Nixon	W Douglas -4.725						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1973		Nixon	W Douglas -4.725						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1973		Nixon	W Douglas -4.725						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1973		Nixon	W Douglas -4.725						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1973		Nixon	W Douglas -4.725						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1973		Nixon	W Douglas -4.725						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1973		Nixon	W Douglas -4.725						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1972		Nixon	W Douglas -4.725						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1972		Nixon	W Douglas -4.725						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1972		Nixon	W Douglas -4.725						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1972		Nixon	W Douglas -4.725						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1972		Nixon	W Douglas -4.725						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1972		Nixon	W Douglas -4.725						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1972		Nixon	W Douglas -4.725						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1972		Nixon	W Douglas -4.725						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1972		Nixon	W Douglas -4.725						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1972		Nixon	W Douglas -4.725			P Stewart 0.4022		L Powell 0.9696	W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1972		Nixon	W Douglas -4.725			P Stewart 0.4022		L Powell 0.9696	W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1972		Nixon	W Douglas -4.725		H Blackmun -0.0273	P Stewart 0.4022			W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1971		Nixon	W Douglas -4.725			H Blackmun -0.0273	P Stewart 0.4022			W Brennan 1.7802	W Burger 1.89
1971		Nixon	W Douglas -4.725			H Blackmun -0.0273	P Stewart 0.4022			W Brennan 1.7802	W Burger 1.89
1971		Nixon	W Douglas -4.725			H Blackmun -0.0273				W Brennan 1.7802	W Burger 1.89
1971		Nixon	W Douglas -4.725		H Black -1.7645		P Stewart 0.4022		J M Harlan II 1.6205	W Brennan 1.7802	W Burger 1.89
1971		Nixon	W Douglas -4.725				P Stewart 0.4022		J M Harlan II 1.6205	W Brennan 1.7802	W Burger 1.89
1971		Nixon	W Douglas -4.725						J M Harlan II 1.6205	W Brennan 1.7802	W Burger 1.89
1971		Nixon	W Douglas -4.725	T Marshall -2.8313	H Black -1.7645		P Stewart 0.4022		J M Harlan II 1.6205	W Brennan 1.7802	W Burger 1.89
1971		Nixon	W Douglas -4.725				P Stewart 0.4022		J M Harlan II 1.6205	W Brennan 1.7802	W Burger 1.89
1971		Nixon	W Douglas -4.725				P Stewart 0.4022		J M Harlan II 1.6205	W Brennan 1.7802	W Burger 1.89
1971		Nixon	W Douglas -4.725	T Marshall -2.8313	H Black -1.7645		P Stewart 0.4022		J M Harlan II 1.6205	W Brennan 1.7802	W Burger 1.89
1971		Nixon	W Douglas -4.725				P Stewart 0.4022		J M Harlan II 1.6205	W Brennan 1.7802	W Burger 1.89
1971	Jan	Nixon	W Douglas -4.725	T Marshall -2.8313	H Black -1.7645	H Blackmun -0.0273	P Stewart 0.4022	B White 0.436	J M Harlan II 1.6205	W Brennan 1.7802	W Burger 1.89

Appendix D: 'Alternate' Ideological Heatmap, 1971 to Present

2020	Dec	Trump	S Sotomayor -2.6794						[GWBush 1.3735]		S Alito 1.8167
2020	Nov	Trump	S Sotomayor -2.6794								S Alito 1.8167
2020		Trump	S Sotomayor -2.6794						[GWBush 1.3735]		S Alito 1.8167
2020	Sep	Trump	S Sotomayor -2.6794		[Obama -2.1309]				[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2020		Trump	S Sotomayor -2.6794	[Obama -2.1309]	[Obama -2.1309]				[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2020		Trump	S Sotomayor -2.6794	[Obama -2.1309]	[Obama -2.1309]				[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2020		Trump	S Sotomayor -2.6794	[Obama -2.1309]	[Obama -2.1309]				[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2020	,	Trump	S Sotomayor -2.6794	[Obama -2.1309]	[Obama -2.1309]				[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2020		Trump	S Sotomayor -2.6794	[Obama -2.1309]	[Obama -2.1309] [Obama -2.1309]	E Kagan -1.5824		N Gorsuch 0.9823	[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
		Trump	S Sotomayor -2.6794	[Obama -2.1309]					[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2020 2020		Trump	S Sotomayor -2.6794 S Sotomayor -2.6794	[Obama -2.1309]	[Obama -2.1309]	E Kagan -1.5824	J Roberts 0.9303 J Roberts 0.9303	N Gorsuch 0.9823 N Gorsuch 0.9823	[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167 S Alito 1.8167
2020		Trump Trump	S Sotomayor -2.6794	[Obama -2.1309] [Obama -2.1309]	[Obama -2.1309] [Obama -2.1309]	E Kagan -1.5824 E Kagan -1.5824		N Gorsuch 0.9823	[GWBush 1.3735] [GWBush 1.3735]	[GWBush 1.3735] [GWBush 1.3735]	S Alito 1.8167
2019		Trump	S Sotomayor -2.6794	[Obama -2.1309]	[Obama -2.1309]	E Kagan -1.5824		N Gorsuch 0.9823	[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2019		Trump	S Sotomayor -2.6794	[Obama -2.1309]	[Obama -2.1309]	E Kagan -1.5824	J Roberts 0.9303	N Gorsuch 0.9823	[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2019		Trump	S Sotomayor -2.6794	[Obama -2.1309]	[Obama -2.1309]				[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2019		Trump	S Sotomayor -2.6794	[Obama -2.1309]	[Obama -2.1309]						S Alito 1.8167
2019		Trump	S Sotomayor -2.6794	[Obama -2.1309]	[Obama -2.1309]						S Alito 1.8167
2019	Jun	Trump	S Sotomayor -2.6794								S Alito 1.8167
2019	May	Trump	S Sotomayor -2.6794								S Alito 1.8167
2019	Apr	Trump	S Sotomayor -2.6794								S Alito 1.8167
2019	Mar	Trump	S Sotomayor -2.6794								S Alito 1.8167
2019	Feb	Trump	S Sotomayor -2.6794						[GWBush 1.3735]		S Alito 1.8167
2019		Trump	S Sotomayor -2.6794						[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2018		Trump	S Sotomayor -2.6794	[Obama -2.1309]	[Obama -2.1309]				[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2018		Trump	S Sotomayor -2.6794	[Obama -2.1309]	[Obama -2.1309]				[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2018		Trump			[Obama -2.1309]	E Kagan -1.5824	J Roberts 0.9303	N Gorsuch 0.9823	[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2018		Trump	S Sotomayor -2.6794	[Obama -2.1309]	[Obama -2.1309]	E Kagan -1.5824			[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2018 2018		Trump Trump	S Sotomayor -2.6794 S Sotomayor -2.6794	[Obama -2.1309] [Obama -2.1309]	[Obama -2.1309] [Obama -2.1309]	E Kagan -1.5824 E Kagan -1.5824	J Roberts 0.9303 J Roberts 0.9303	N Gorsuch 0.9823 N Gorsuch 0.9823	[GWBush 1.3735] [GWBush 1.3735]	[GWBush 1.3735] [GWBush 1.3735]	S Alito 1.8167 S Alito 1.8167
2018		Trump	S Sotomayor -2.6794	[Obama -2.1309]	[Obama -2.1309]	E Kagan -1.5824		N Gorsuch 0.9823	[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2018		Trump	S Sotomayor -2.6794	[Obama -2.1309]	[Obama -2.1309]	E Kagan -1.5824	J Roberts 0.9303		[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2018		Trump	S Sotomayor -2.6794	[Obama -2.1309]	[Obama -2.1309]	E Kagan -1.5824	J Roberts 0.9303	N Gorsuch 0.9823	[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2018		Trump	S Sotomayor -2.6794	[Obama -2.1309]	[Obama -2.1309]	E Kagan -1.5824		N Gorsuch 0.9823	[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2018	Feb	Trump	S Sotomayor -2.6794	[Obama -2.1309]	[Obama -2.1309]						S Alito 1.8167
2018		Trump	S Sotomayor -2.6794								S Alito 1.8167
2017	Dec	Trump	S Sotomayor -2.6794								S Alito 1.8167
2017	Nov	Trump	S Sotomayor -2.6794								S Alito 1.8167
2017	Oct	Trump	S Sotomayor -2.6794								S Alito 1.8167
2017	Sep	Trump	S Sotomayor -2.6794								S Alito 1.8167
2017		Trump	S Sotomayor -2.6794	[Obama -2.1309]							S Alito 1.8167
2017		Trump	S Sotomayor -2.6794	[Obama -2.1309]	[Obama -2.1309]				[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2017		Trump	S Sotomayor -2.6794	[Obama -2.1309]	[Obama -2.1309]				[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2017		Trump	S Sotomayor -2.6794	[Obama -2.1309]	[Obama -2.1309]				[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2017		Trump	S Sotomayor -2.6794	[Obama -2.1309]	[Obama -2.1309]			J Roberts 0.9303	[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2017		Trump	S Sotomayor -2.6794	[Obama -2.1309]	[Obama -2.1309]				[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2017		Trump							IOMB 4 27251	(CMD 4 2725)	C Alibe 4 0407
		Trump	S Sotomayor -2.6794	[Obama -2.1309]	[Obama -2.1309]	E Kagan -1.5824	[Clinton -1.4821		[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2016	Jan	Trump	S Sotomayor -2.6794								S Alito 1.8167
2016 2016	Dec	Obama	S Sotomayor -2.6794 S Sotomayor -2.6794	[Obama -2.1309] [Obama -2.1309]	[Obama -2.1309] [Obama -2.1309]	E Kagan -1.5824 E Kagan -1.5824			[GWBush 1.3735] [GWBush 1.3735]	[GWBush 1.3735] [GWBush 1.3735]	S Alito 1.8167 S Alito 1.8167
2016 2016 2016	Dec Nov		S Sotomayor -2.6794								S Alito 1.8167
2016	Dec Nov Oct	Obama Obama	S Sotomayor -2.6794 S Sotomayor -2.6794 S Sotomayor -2.6794	[Obama -2.1309] [Obama -2.1309] [Obama -2.1309]	[Obama -2.1309] [Obama -2.1309] [Obama -2.1309]	E Kagan -1.5824 E Kagan -1.5824 E Kagan -1.5824	[Clinton -1.4821 [Clinton -1.4821 [Clinton -1.4821	J Roberts 0.9303 J Roberts 0.9303 J Roberts 0.9303	[GWBush 1.3735] [GWBush 1.3735] [GWBush 1.3735]	[GWBush 1.3735] [GWBush 1.3735] [GWBush 1.3735]	S Alito 1.8167 S Alito 1.8167 S Alito 1.8167
2016 2016	Dec Nov Oct Sep	Obama Obama Obama	S Sotomayor -2.6794 S Sotomayor -2.6794 S Sotomayor -2.6794 S Sotomayor -2.6794	[Obama -2.1309] [Obama -2.1309] [Obama -2.1309] [Obama -2.1309]	[Obama -2.1309] [Obama -2.1309] [Obama -2.1309] [Obama -2.1309]	E Kagan -1.5824 E Kagan -1.5824 E Kagan -1.5824 E Kagan -1.5824	[Clinton -1.4821 [Clinton -1.4821 [Clinton -1.4821 [Clinton -1.4821	J Roberts 0.9303 J Roberts 0.9303 J Roberts 0.9303 J Roberts 0.9303	[GWBush 1.3735] [GWBush 1.3735] [GWBush 1.3735] [GWBush 1.3735]	[GWBush 1.3735] [GWBush 1.3735] [GWBush 1.3735] [GWBush 1.3735]	S Alito 1.8167 S Alito 1.8167 S Alito 1.8167 S Alito 1.8167
2016 2016 2016	Dec Nov Oct Sep Aug	Obama Obama Obama Obama	S Sotomayor -2.6794 S Sotomayor -2.6794 S Sotomayor -2.6794 S Sotomayor -2.6794 S Sotomayor -2.6794	[Obama -2.1309] [Obama -2.1309] [Obama -2.1309] [Obama -2.1309] [Obama -2.1309]	[Obama -2.1309] [Obama -2.1309] [Obama -2.1309] [Obama -2.1309] [Obama -2.1309]	E Kagan -1.5824 E Kagan -1.5824 E Kagan -1.5824 E Kagan -1.5824 E Kagan -1.5824	[Clinton -1.4821 [Clinton -1.4821 [Clinton -1.4821 [Clinton -1.4821 [Clinton -1.4821	J Roberts 0.9303 J Roberts 0.9303 J Roberts 0.9303 J Roberts 0.9303 J Roberts 0.9303	[GWBush 1.3735] [GWBush 1.3735] [GWBush 1.3735] [GWBush 1.3735] [GWBush 1.3735]	[GWBush 1.3735] [GWBush 1.3735] [GWBush 1.3735] [GWBush 1.3735] [GWBush 1.3735]	S Alito 1.8167 S Alito 1.8167 S Alito 1.8167 S Alito 1.8167 S Alito 1.8167
2016 2016 2016 2016	Dec Nov Oct Sep Aug Jul	Obama Obama Obama Obama Obama	S Sotomayor -2.6794 S Sotomayor -2.6794 S Sotomayor -2.6794 S Sotomayor -2.6794 S Sotomayor -2.6794 S Sotomayor -2.6794	[Obama -2.1309] [Obama -2.1309] [Obama -2.1309] [Obama -2.1309] [Obama -2.1309] [Obama -2.1309]	[Obama -2.1309] [Obama -2.1309] [Obama -2.1309] [Obama -2.1309] [Obama -2.1309] [Obama -2.1309]	E Kagan -1.5824 E Kagan -1.5824 E Kagan -1.5824 E Kagan -1.5824 E Kagan -1.5824 E Kagan -1.5824	[Clinton -1.4821 [Clinton -1.4821 [Clinton -1.4821 [Clinton -1.4821 [Clinton -1.4821 [Clinton -1.4821	J Roberts 0.9303 J Roberts 0.9303 J Roberts 0.9303 J Roberts 0.9303 J Roberts 0.9303 J Roberts 0.9303	[GWBush 1.3735] [GWBush 1.3735] [GWBush 1.3735] [GWBush 1.3735] [GWBush 1.3735] [GWBush 1.3735]	[GWBush 1.3735] [GWBush 1.3735] [GWBush 1.3735] [GWBush 1.3735] [GWBush 1.3735] [GWBush 1.3735]	S Alito 1.8167 S Alito 1.8167 S Alito 1.8167 S Alito 1.8167 S Alito 1.8167 S Alito 1.8167
2016 2016 2016 2016 2016 2016 2016	Dec Nov Oct Sep Aug Jul Jun May	Obama	S Sotomayor -2.6794 S Sotomayor -2.6794	[Obama - 2.1309] [Obama - 2.1309]	[Obama -2.1309] [Obama -2.1309] [Obama -2.1309] [Obama -2.1309] [Obama -2.1309] [Obama -2.1309] [Obama -2.1309] [Obama -2.1309] [Obama -2.1309]	E Kagan -1.5824 E Kagan -1.5824	[Clinton -1.4821 [Clinton -1.4821 [Clinton -1.4821 [Clinton -1.4821 [Clinton -1.4821 [Clinton -1.4821 [Clinton -1.4821 [Clinton -1.4821 [Clinton -1.4821 [Clinton -1.4821	J Roberts 0.9303	[GWBush 1.3735] [GWBush 1.3735] [GWBush 1.3735] [GWBush 1.3735] [GWBush 1.3735] [GWBush 1.3735] [GWBush 1.3735] [GWBush 1.3735] [GWBush 1.3735]	[GWBush 1.3735] [GWBush 1.3735] [GWBush 1.3735] [GWBush 1.3735] [GWBush 1.3735] [GWBush 1.3735] [GWBush 1.3735] [GWBush 1.3735] [GWBush 1.3735]	S Alito 1.8167 S Alito 1.8167
2016 2016 2016 2016 2016 2016 2016 2016	Dec Nov Oct Sep Aug Jul Jun May Apr	Obama	S Sotomayor -2.6794	[Obama -2.1309] [Obama -2.1309] [Obama -2.1309] [Obama -2.1309] [Obama -2.1309] [Obama -2.1309] [Obama -2.1309] [Obama -2.1309] [Obama -2.1309]	[Obama -2.1309] [Obama -2.1309] [Obama -2.1309] [Obama -2.1309] [Obama -2.1309] [Obama -2.1309] [Obama -2.1309] [Obama -2.1309] [Obama -2.1309]	E Kagan -1.5824 E Kagan -1.5824	[Clinton -1.4821]	J Roberts 0 9303	[GWBush 1.3735] [GWBush 1.3735] [GWBush 1.3735] [GWBush 1.3735] [GWBush 1.3735] [GWBush 1.3735] [GWBush 1.3735] [GWBush 1.3735] [GWBush 1.3735] [GWBush 1.3735]	[GWBush 1.3735] [GWBush 1.3735] [GWBush 1.3735] [GWBush 1.3735] [GWBush 1.3735] [GWBush 1.3735] [GWBush 1.3735] [GWBush 1.3735] [GWBush 1.3735]	S Alito 1.8167 S Alito 1.8167
2016 2016 2016 2016 2016 2016 2016 2016	Dec Nov Oct Sep Aug Jul Jun May Apr Mar	Obama	S Sotomayor -2.6794	[Obama - 2.1309] [Obama - 2.1309]	[Obama -2.1309] (Obama -2.1309] (Obama -2.1309] (Obama -2.1309] (Obama -2.1309] (Obama -2.1309] (Obama -2.1309] (Obama -2.1309] (Obama -2.1309] (Obama -2.1309]	E Kagan -1.5824 E Kagan -1.5824	[Clinton -1 4821 [Clinton -1 4821	J Roberts 0.9303	[GWBush 1.3735] [GWBush 1.3735]	[GWBush 1.3735] [GWBush 1.3735] [GWBush 1.3735] [GWBush 1.3735] [GWBush 1.3735] [GWBush 1.3735] [GWBush 1.3735] [GWBush 1.3735] [GWBush 1.3735] [GWBush 1.3735]	S Alito 1.8167
2016 2016 2016 2016 2016 2016 2016 2016	Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb	Obama	S Sotomayor -2.6794	[Obama -2.1309] [Obama -2.1309]	[Obama -2.1309] [Obama -2.1309]	E Kagan -1.5824 E Kagan -1.5824	[Clinton -1.4821]	J Roberts 0.9303	[GWBush 1.3735]	[GWBush 1.3735] [GWBush 1.3735]	S Alito 1.8167
2016 2016 2016 2016 2016 2016 2016 2016	Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb	Obama	S Sotomayor -2.6794	[Obama - 2.1309]	(Obama - 2.1309) (Obama - 2.1309)	E Kagan -1.5824 E Kagan -1.5824	[Clinton -1.4821]	J Roberts 0,9303	[GWBush 1.3735]	[GWBush 1.3735] [GWBush 1.3735]	S Alito 1.8167
2016 2016 2016 2016 2016 2016 2016 2016	Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec	Obama	S Sotomayor -2.6794	Obama - 2 1309 Obama - 2 1309	[Obama - 2.1309] [Obama - 2.1309]	E Kagan -1.5824 E Kagan -1.5824	[Clinton -1 4821 [Clinton -1 4821	J Roberts 0.9303	[GWBush 1.3735]	[GWBush 1.3735] [GWBush 1.3735]	S Alito 1.8167
2016 2016 2016 2016 2016 2016 2016 2016	Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov	Obama	S Sotomayor -2.6794	[Obama - 2.1309]	(Obama - 2.1309) (Obama - 2.1309)	E Kagan -1.5824 E Kagan -1.5824	[Clinton -1.4821]	J Roberts 0,9303	[GWBush 1.3735]	[GWBush 1.3735] [GWBush 1.3735]	S Alito 1.8167
2016 2016 2016 2016 2016 2016 2016 2016	Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct	Obama	S Sotomayor -2.6794	Obama - 2 1309	[Obama - 2.1309] [Obama - 2.1309]	E Kagan -1.5824 E Kagan -1.5824	[Clinton -1 4821 [Clinton -1 4821	J Roberts 0.9303	[GWBush 1.3735]	[GWBush 1.3735] [GWBush 1.3735]	S Alito 1.8167
2016 2016 2016 2016 2016 2016 2016 2016	Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep	Obama	S Sotomayor -2.6794	Obama - 2 1309 Obama - 2 1309	(Obama - 2.1309) (Obama - 2.1309)	E Kagan -1.5824 E Kagan -1.5824	[Clinton -1.4821]	J Roberts 0,9303	[GWBush 1.3735]	[GWBush 1.3735] [GWBush 1.3735]	S Alito 1.8167
2016 2016 2016 2016 2016 2016 2016 2016	Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug	Obama	S Sotomayor -2.6794	Obama - 2 1309 Obama - 2 1309	(Obama - 2.1309) (Obama - 2.1309)	E Kagan -1.5824 E Kagan -1.5824	[Clinton -1 4821]	J Roberts 0.9303	[GWBush 1.3735]	[GWBush 1.3735] [GWBush 1.3735]	S Alito 1.8167
2016 2016 2016 2016 2016 2016 2016 2016	Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul	Obama	S Sotomayor -2.6794	Obama - 2 1309 Obama - 2 1309	(Obama - 2.1309)	E Kagan -1.5824 E Kagan -1.5824	[Clinton -1 4821 [Clinton -1 4821	J Roberts 0.9303	[GWBush 1.3735] (GWBush 1.3735]	[GWBush 1.3735] [GWBush 1.3745] [GWBush 1.3735]	S Alito 1.8167
2016 2016 2016 2016 2016 2016 2016 2016	Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May	Obama	S Sotomayor -2.6794	Obama - 2 1309 Obama - 2 1309	(Obama - 2.1309)	E Kagan -1.5824 E Kagan -1.5824	[Clinton -1.4821]	J Roberts 0.9303	[GWBush 1.3735] (GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2016 2016 2016 2016 2016 2016 2016 2016	Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Aug Jul Jun May Apr	Obama	S Sotomayor -2.6794	Obama - 2 1309	(Obama - 2.1309)	E Kagan -1.5824	[Clinton -1.4821]	J Roberts 0,9303	[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2016 2016 2016 2016 2016 2016 2016 2016	Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb John Sep Aug Jul Jun Dec Nov Oct Sep Aug Jul Jun May Apr Mar May Apr Mar	Obama	S Sotomayor -2.6794	Obama - 2 1309	(Obama - 2.1309)	E Kagan -1.5824	[Clinton -1 4821]	J Roberts 0,9303	[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2016 2016 2016 2016 2016 2016 2016 2016	Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Nov Oct Sep Aug Jul Jun Mov Oct Sep Aug Jul Jun May Apr Mar Feb Feb	Obama	S Sotomayor -2.6794	Obama - 2 1309 Obama - 2 1309	Obama - 2.1309 Obama - 2.1309	E Kagan -1.5824	[Clinton -1.4821]	J Roberts 0.9303	[GWBush 1.3735] (GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2016 2016 2016 2016 2016 2016 2016 2016	Dec Nov Oct Sep Jul Jun May Apr Mar Feb Jan	Obama	S Sotomayor -2.6794	Obama - 2 1309	(Obama - 2.1309)	E Kagan -1.5824	[Clinton -1.4821]	J Roberts 0,9303	[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2016 2016 2016 2016 2016 2016 2016 2016	Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jun May Apr May Apr May Apr May Apr May Apr Mar Feb Jun Dec Dec Dec Nov Oct Sep Aug Jul Jun May Apr Mar Apr Mar Apr Mar Apr Mar Feb Jan Dec	Obama	S Sotomayor -2.6794	Obama - 2 1309	(Obama - 2.1309)	E Kagan -1.5824	[Clinton -1 4821]	J Roberts 0,9303	[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2016 2016 2016 2016 2016 2016 2016 2016	Dec Nov Oct Sep Jul Jun May Apr Mar Feb Jul May Apr May Apr May Apr May Apr Mar Feb Nov Oct Sep Aug Jul Jun May Apr Mar Feb Nov Oct Nov Nov Nov Oct Nov	Obama	S Sotomayor -2.6794	Obama - 2 1309	(Obama - 2.1309)	E Kagan -1.5824	[Clinton -1.4821]	J Roberts 0.9303	[GWBush 1.3735] (GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2016 2016 2016 2016 2016 2016 2016 2016	Dec Nov Oct Sep Aug Jul Jun May Aug Jul Jun May Feb Jun Dec Nov Oct Sep Jul Jun May Feb Jun Dec Nov Oct Sep Nov Oct Sep Nov Oct Nov Oct Nov Oct Nov Oct	Obama	S Sotomayor -2 6794	Obama - 2 1309	(Obama - 2.1309)	E Kagan -1.5824	[Clinton -1.4821]	J Roberts 0,9303	[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2016 2016 2016 2016 2016 2016 2016 2016	Dec Nov Oct Sep Jul Jun May Apr Mar Feb Jan Dec Jan Dec Sep Aug Jul Jun May Apr More Teb Sep Aug Sep Aug Sep Aug Sep Aug Apr Mar Feb Jan Dec Sep	Obama	S Sotomayor -2.6794	Obama - 2 1309	(Obama - 2.1309)	E Kagan -1.5824	[Clinton -1 4821]	J Roberts 0.9303	[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2016 2016 2016 2016 2016 2016 2016 2016	Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Nov Oct Sep Aug Jul Jun Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Nov Oct Sep Aug Apr Mar Feb Nov Oct Sep Aug Apr Nov Oct Sep Aug Aug Apr Nov Oct Sep Aug Aug Aug Apr Nov Oct Sep Aug Aug	Obama	S Sotomayor -2 6794	Obama - 2 1309	Obama - 2.1309 Obama - 2.	E Kagan -1.5824	[Clinton -1.4821]	J Roberts 0.9303	[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2016 2016 2016 2016 2016 2016 2016 2016	Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Mar Apr Mar Feb Jan Aug Jul Jun May Apr Ma	Obama	S Sotomayor -2.6794	Obama - 2 1309	(Obama - 2.1309)	E Kagan -1.5824	[Clinton -1.4821]	J Roberts 0.9303	[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2016 2016 2016 2016 2016 2016 2016 2016	Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Mar Apr May May Apr May May Apr May	Obama	S Sotomayor -2.6794	Obama - 2 1309	Obama - 2.1309 Obama - 2.	E Kagan -1.5824	[Clinton -1.4821]	J Roberts 0,9303	[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2016 2016 2016 2016 2016 2016 2016 2016	Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jun May Apr Mar Feb Jun Mov Oct Sep Aug Jul Jun May Apr Mar Feb Jun Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jun May May Mar Feb Mov Oct Mov Oct Mov Oct Mov May May May May	Obama	S Sotomayor -2.6794	Obama - 2 1309	(Obama - 2.1309)	E Kagan -1.5824	[Clinton -1 4821]	J Roberts 0.9303	[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2016 2016 2016 2016 2016 2016 2016 2016	Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Mar Apr Mar Apr Mar Apr Mar Apr Mar Apr Mar Apr Aug Jul Jun May Apr Aug Jul Jun May Apr Apr Aug Jul Jun May Apr Apr Mar Apr Mar Apr Apr	Obama	S Sotomayor -2.6794	Obama - 2 1309	Obama - 2.1309 Obama - 2.	E Kagan -1.5824	[Clinton -1.4821]	J Roberts 0.9303	[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2016 2016 2016 2016 2016 2016 2016 2016	Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Mar Apr Mar Apr Mar Mar May Apr Mar May Apr May May Apr May May Apr May May Apr May May May Apr May	Obama	S Sotomayor -2 6794	Obama - 2 1309	(Obama - 2.1309)	E Kagan -1.5824	[Clinton -1.4821]	J Roberts 0,9303	[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2016 2016 2016 2016 2016 2016 2016 2016	Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jun Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jun Dec Nov May Apr Mar Feb Jun Dec Nov May Apr Mar Feb Jun Jun May Apr Mar Feb Jul Jun May Apr Mar Feb Jul Jun May Apr Mar Feb Jun May May Mar Feb Jun May May May Mar Feb Jun May May May Mar Feb Jun May May May Mar Feb Jun May	Obama	S Sotomayor -2.6794	Obama - 2 1309	(Obama - 2.1309)	E Kagan -1.5824	[Clinton -1.4821]	J Roberts 0,9303	[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2016 2016 2016 2016 2016 2016 2016 2016	Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jun Dec	Obama	S Sotomayor -2.6794	Obama - 2 1309	(Obama - 2.1309)	E Kagan -1.5824	[Clinton -1.4821]	J Roberts 0.9303	[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2016 2016 2016 2016 2016 2016 2016 2016	Dec Nov Oct Sep Aug Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jun May Apr Mar Feb Jan Mar Feb Jan Feb Jan Feb Jan Mar Feb Jan Mar Feb Jan Mar Feb Jun May Apr Apr Apr Apr Apr Apr Apr Apr Apr Mar Feb Jan May Apr Apr Nov	Obama	S Sotomayor -2.6794	Obama - 2 1309	Obama - 2.1309 Obama - 2.	E Kagan -1.5824	[Clinton -1.4821]	J Roberts 0.9303	[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2016 2016 2016 2016 2016 2016 2016 2016	Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Got Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Aug Jul Jun May Apr Mar Feb Jan Nov Oct Nov Oct	Obama	S Sotomayor -2 6794	Obama - 2 1309	(Obama - 2.1309)	E Kagan -1.5824	[Clinton -1.4821]	J Roberts 0,9303	[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2016 2016 2016 2016 2016 2016 2016 2016	Dec Nov Oct Sep Aug Jun May Feb Jun May Feb Jun May Feb Jun May Mar Feb Jun May Mar Feb Jun May Apr Mar Feb Sep Aug Jun May Apr Mar Feb Sep	Obama	S Sotomayor -2.6794	Obama - 2 1309 Obama - 2 1309	(Obama - 2.1309 (Obama - 2.1309 (Obama - 2.1309 (Obama - 2.1309 (Obama - 2.1309	E Kagan -1.5824	[Clinton -1 .4821]	J Roberts 0.9303	[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2016 2016 2016 2016 2016 2016 2016 2016	Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jun May Apr Mar Feb Jun Dec Nov Oct Sep Aug Jul Jun May Apr	Obama	S Sotomayor -2.6794	Obama - 2 1309	Obama - 2.1309 Obama - 2.	E Kagan -1.5824	[Clinton -1.4821]	J Roberts 0.9303	[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2016 2016 2016 2016 2016 2016 2016 2016	Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May	Obama	S Sotomayor -2.6794	Obama - 2 1309	(Obama - 2.1309 (Obama - 2.1309 (Obama - 2.1309 (Obama - 2.1309 (Obama - 2.1309	E Kagan -1.5824	[Clinton -1 .4821]	J Roberts 0.9303	[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167

Appendix D: 'Alternate' Ideological Heatmap, 1971 to Present (Continued)

2013	May	Obama	S Sotomayor -2.6794								S Alito 1.8167
2013		Obama	S Sotomayor -2.6794								S Alito 1.8167
2013		Obama	S Sotomayor -2.6794						[GWBush 1.3735]		S Alito 1.8167
2013	Feb	Obama	S Sotomayor -2.6794						[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2013	Jan	Obama	S Sotomayor -2.6794						[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2012		Obama	S Sotomayor -2.6794	[Obama -2.1309]	[Obama -2.1309]				[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2012		Obama	S Sotomayor -2.6794	[Obama -2.1309]	[Obama -2.1309]				[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2012		Obama	S Sotomayor -2.6794	[Obama -2.1309]	[Obama -2.1309]	E Kagan -1.5824	[Clinton -1.4821	J Roberts 0.9303	[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2012		Obama Obama	S Sotomayor -2.6794 S Sotomayor -2.6794	[Obama -2.1309]	[Obama -2.1309] [Obama -2.1309]	E Kagan -1.5824 E Kagan -1.5824	[Clinton -1.4821 [Clinton -1.4821		[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167 S Alito 1.8167
2012		Obama	S Sotomayor -2.6794	[Obama -2.1309] [Obama -2.1309]	E Kagan -1.5824	[Clinton -1.4821			[GWBush 1.3735] [GWBush 1.3735]	[GWBush 1.3735] [GWBush 1.3735]	S Alito 1.8167
2012		Obama	S Sotomayor -2.6794	[Obama -2.1309]	E Kagan -1.5824	[Clinton -1.4821	[Clinton -1.4821	J Roberts 0.9303	[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2012		Obama	S Sotomayor -2.6794	[Obama -2.1309]	E Kagan -1.5824	[Clinton -1.4821	[Clinton -1.4821		[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2012		Obama	S Sotomayor -2.6794	[Obama -2.1309]							S Alito 1.8167
2012		Obama	S Sotomayor -2.6794	[Obama -2.1309]					[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2012	Feb	Obama	S Sotomayor -2.6794	[Obama -2.1309]							S Alito 1.8167
2012	Jan	Obama	S Sotomayor -2.6794								S Alito 1.8167
2011	Dec	Obama	S Sotomayor -2.6794								S Alito 1.8167
2011	Nov	Obama	S Sotomayor -2.6794								S Alito 1.8167
2011	Oct	Obama	S Sotomayor -2.6794								S Alito 1.8167
2011		Obama	S Sotomayor -2.6794								S Alito 1.8167
2011		Obama							[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2011		Obama							[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2011		Obama	S Sotomayor -2.6794		[Clinton -1.4821	[Clinton -1.4821			[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2011		Obama	S Sotomayor -2.6794						[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2011		Obama Obama	S Sotomayor -2.6794 S Sotomayor -2.6794	R Ginsburg -1.731	[Clinton -1.4821 [Clinton -1.4821	[Clinton -1.4821 [Clinton -1.4821		J Roberts 0.9303 J Roberts 0.9303	[GWBush 1.3735] [GWBush 1.3735]	[GWBush 1.3735] [GWBush 1.3735]	S Alito 1.8167 S Alito 1.8167
2011		Obama	S Sotomayor -2.6794		[Clinton -1.4821	[Clinton -1.4821			[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2011		Obama							[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2010		Obama		R Ginsburg -1.731	[Clinton -1.4821	[Clinton -1.4821		J Roberts 0.9303	[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2010		Obama	S Sotomayor -2.6794								S Alito 1.8167
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2010	Aug	Obama	S Sotomayor -2.6794								S Alito 1.8167
2010	Jul	Obama	S Sotomayor -2.6794								S Alito 1.8167
2010	Jun	Obama							[GWBush 1.3735]		S Alito 1.8167
2010		Obama	S Sotomayor -2.6794						[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2010		Obama	S Sotomayor -2.6794						[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2010		Obama			[Clinton -1.4821				[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2010		Obama			[Clinton -1.4821 [Clinton -1.4821	[Clinton -1.4821 [Clinton -1.4821		J Roberts 0.9303	[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
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2009		Obama							[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2009		Obama	S Sotomayor -2.6794	R Ginsburg -1.731				J Roberts 0.9303	[GWBush 1.3735]	[GWBush 1.3735]	S Alito 1.8167
2009	Sen	Ohama									
		Obama	R Ginsburg -1.731							S Alito 1.8167	C Thomas 3.6037
2009		Obama	R Ginsburg -1.731 R Ginsburg -1.731	[Clinton -1.4821 [Clinton -1.4821				[GWBush 1.3735] [GWBush 1.3735]			C Thomas 3.6037 C Thomas 3.6037
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2009 2009 2009 2009 2009 2009 2009 2008 2008	Aug Jul Jun May Apr Mar Feb Jan Dec Sep Aug Jul Jun May Apr Mar Feb Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jun May Apr Mar May Apr Mar May	Obama Obama Obama Obama Obama Obama Obama Obama Obama G W Bush	R Ginsburg -1.731	Clinton - 1.4821 Clinton	(Clinton - 1.4821 (Clinton - 1.4821		J Roberts 0.9303 D Souter 0.7725 D Souter -0.7725	[GWBush 1.3735] [GWBush 1.3735	[GWBush 1.3735] [GHWBush 1.4156]	S Ailto 1.8167 S Alto 1.8167 S Alto 1.8167 S Ailto 1.8167	C Thomas 3.6037
2009 2009 2009 2009 2009 2009 2009 2008 2008	Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Jul Jun May Apr Mar Feb Jun May Apr Apr Aug Feb Feb	Obama Obama Obama Obama Obama Obama Obama Obama Obama G W Bush	R Ginsburg -1.731	Clinton - 1.4821 Clinton	(Clinton - 1.4821)		J Roberts 0,9303 J Roberts 0,9703 D Souter 0,7725	[GWBush 1.3735] [GWBush 1.3735	[GWBush 1.3735] [GHWBush 1.4156]	S Ailto 1.8167 S Alto 1.8167 S Alto 1.8167 S Alito 1.8167 S Ailto 1.8167	C Thomas 3.6037
2009 2009 2009 2009 2009 2009 2009 2009	Aug Jul Jun May Apr Mar Feb Jan Dec Sep Aug Jul Jun May Apr Mar Feb Jul Jun May Apr Mar Feb Jul Jun Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jun May Apr Mar Feb Jun May Apr Mar Feb Jun May	Obama Obama Obama Obama Obama Obama Obama Obama Obama G W Bush	R Ginsburg -1.731	Clinton -1.4821 Clin	(Clinton -1.4821 (Clinton -1.4821		J Roberts 0.9303 D Souter 0.7725	[GWBush 1.3735] [GWBush 1.3735	[GWBush 1.3735] [GHWBush 1.4156]	S Aitlo 1.8167 S Alto 1.8167	C Thomas 3.6037
2009 2009 2009 2009 2009 2009 2009 2009	Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Jul Jun May Apr Mar Feb Jun May Apr Mar Feb Jun May Apr Mar Feb Jun Mov Oct Sep Aug Jul Jun Dec Oct Sep Aug Jul Jun Dec	Obama Obama Obama Obama Obama Obama Obama Obama G W Bush	R Ginsburg -1.731	Clinton - 1.4821 Clinton	(Clinton - 1.4821)		J Roberts 0.9303 D Souter 0.7725 D Souter -0.7725	[GWBush 1.3735] [GWBush 1.3735	[GWBush 1.3735] [GHWBush 1.4156]	S Ailto 1.8167	C Thomas 3.6037
2009 2009 2009 2009 2009 2009 2009 2009	Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Apr Apr Apr Jun May Apr Jun May Apr Jun May Apr Jun May Apr Aug Jul Jun May Apr Apr Aug Jul Jun May Apr Apr Aug Jul Jun May Apr	Obama Obama Obama Obama Obama Obama Obama Obama G W Bush	R Ginsburg -1.731	Clinton -1.4821 Clin	(Clinton -1.4821 (Clinton -1.4821		J Roberts 0.9303 D Souter 0.7725	[GWBush 1.3735] [GWBush 1.3735	[GWBush 1.3735] [GHWBush 1.4156]	S Aitlo 1.8167 S Alto 1.8167	C Thomas 3.6037
2009 2009 2009 2009 2009 2009 2009 2009	Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Jul Jun Jun Jun May Apr Mar Feb Jan Dec Nov Oct	Obama Obama Obama Obama Obama Obama Obama Obama Obama G W Bush	R Ginsburg -1.731	Clinton - 1.4821	(Clinton - 1.4821)		J Roberts 0,9303 D Souter 0,9303 D Souter 0,7725	[GWBush 1.3735] [GWBush 1.3735	[GWBush 1.3735] [GHWBush 1.4156]	S Ailto 1.8167 S Alto 1.8167 S Alto 1.8167 S Alito 1.8167 S Ailto 1.8167	C Thomas 3.6037
2009 2009 2009 2009 2009 2009 2009 2009	Aug Jul Jun May Apr Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr May Ap	Obama Obama Obama Obama Obama Obama Obama Obama G W Bush	R Ginsburg -1.731	Clinton -1.4821 Clin	(Clinton - 1.4821 (Clinton - 1.4821		J Roberts 0.9303 D Souter 0.9303 J Roberts 0.9303 D Souter 0.7725	[GWBush 1.3735] [GWBush 1.3735	[GWBush 1.3735] [GHWBush 1.4156]	S. Alito 1.8167	C Thomas 3,6037
2009 2009 2009 2009 2009 2009 2009 2008 2008	Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Apr Apr Apr May Apr Jun May Apr Jun May Apr Jun May Apr Jun May Apr Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr	Obama Obama Obama Obama Obama Obama Obama Obama G W Bush	R Ginsburg -1.731	Clinton - 1.4821 Clinton	(Clinton - 1.4821 (Clinton - 1.4821		J Roberts 0.9303 D Souter 0.7725 D Souter -0.7725	[GWBush 1.3735] [GWBush 1.3735	[GWBush 1.3735] [GHWBush 1.4156]	S. Alito 1.8167	C Thomas 3,6037
2009 2009 2009 2009 2009 2009 2009 2009	Aug Jul Jun May Apr Dec Nov Oct Sep Aug Jun May Apr Mar Feb Jun May Apr Mar Feb Jun May Apr Mar Feb Jun Dec Nov Oct Sep Aug Jun Dec Nov Oct Sep Aug Jun Dec Nov Oct Sep Aug Jun May Apr May Apr May Apr May Apr May Apr Apr May Apr Apr Apr Apr May Apr Apr Aug Jun Dec Nov Oct Sep Aug Jun Jun Dec Nov Oct Sep Aug Jun Jun Dec Nov Oct Sep Aug Jun	Obama Obama Obama Obama Obama Obama Obama Obama G W Bush	R Ginsburg -1.731	Clinton - 1.4821	(Clinton -1.4821 (Clinton -1.4821)		J Roberts 0.9303 C Souter 0.9303 C Souter 0.9303 C Souter 0.9303 D Souter 0.7725	[GWBush 1.3735] [GWBush 1.3735	[GWBush 1.3735] [GWBush 1.4156] [GHWBush 1.4156]	S Ailto 1.8167	C Thomas 3,6037
2009 2009 2009 2009 2009 2009 2009 2009	Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Apr May Apr May Apr Jun May Apr Jun May Apr Location May Apr Aug Jul Jun May Apr Aug Jul Jun May Apr Apr Aug Jul Jun May Apr Aug Jul Jun May Apr Jun May Aug Jul Jun May Aug Jul Jun May Aug Aug Jul Jun May Aug Aug Jul Jun May	Obama Obama Obama Obama Obama Obama Obama Obama G W Bush	R Ginsburg -1.731	Clinton - 1.4821	(Clinton - 1.4821)		J Roberts 0,9303 D Souter 0,9303 D Souter 0,7725	[GWBush 1.3735] [GWBush 1.3735	[GWBush 1.3735] [GWBush 1.4156] [GHWBush 1.4156]	S Ailto 1.8167	C Thomas 3.6037
2009 2009 2009 2009 2009 2009 2009 2009	Aug Jul Jun May Apr Feb Jan Dec Nov Oct Sep Jul Jun May Apr Mar Feb Jan Dec Aug Jul Jun May Apr Mar Feb Jan Dec Oct Sep Jul Jun May Apr Mar Apr	Obama Obama Obama Obama Obama Obama Obama Obama G W Bush	R Ginsburg -1.731	Clinton - 1.4821 Clinton	(Clinton - 1.4821 (Clinton - 1.4821		J Roberts 0.9303 D Souter 0.9303 J Roberts 0.9303 D Souter 0.9725 D Souter 0.7725	[GWBush 1.3735] [GWBush 1.3735	[GWBush 1.3735] [GHWBush 1.4756] [GHWBush 1.4756] [GHWBush 1.4156]	S. Alito 1.8167	C Thomas 3,6037
2009 2009 2009 2009 2009 2009 2009 2009	Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jun May Apr Mar Feb Jun May Apr May Apr May Apr May Apr Nov Oct Sep Aug Jul Jun May Apr May Aug Jun May Apr	Obama Obama Obama Obama Obama Obama Obama Obama G W Bush	R Ginsburg -1.731	Clinton - 1.4821 Clinton	(Clinton -1.4821 (Clinton -1.4821)		J Roberts 0.9303 D Souter 0.7725 D Souter -0.7725	[GWBush 1.3735] [JWBush 1.3735	[GWBush 1.3735] [GWBush 1.4156] [GHWBush 1.4156]	S Ailto 1.8167	C Thomas 3,6037
2009 2009 2009 2009 2009 2009 2009 2009	Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Apr Aug Jul Jun May Apr Apr Apr Aug Jun May Apr Apr Jun May Apr Jun May Apr Jun May Apr Jun May Apr Aug Jun May Apr Aug Jun May Apr Aug Jun May Apr Aug Jun May Apr Apr Aug Jun May Apr Aug Jun May Apr Aug Apr Aug Jun May Apr Apr Aug Apr Aug Jun May Apr Apr May Apr Apr May Apr	Obama Obama Obama Obama Obama Obama Obama Obama Obama G W Bush	R Ginsburg -1.731	Clinton - 1.4821	(Clinton - 1.4821)		J Roberts 0,9303 D Souter 0,9303 D Souter 0,7725	[GWBush 1,3735] [GWBush 1,3735	[GWBush 1.3735] [GWBush 1.4156] [GHWBush 1.4156]	S. Alito 1.8167	C Thomas 3,6037
2009 2009 2009 2009 2009 2009 2009 2009	Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Jul Jun May Apr Mar Feb Jan Dec Sep Jul Jun May Apr Mar Feb Jan Dec Sep Jul Jun May Apr Mar Feb Jan Dec Sep Jul Jun May Apr Mar Feb Jan Dec Sep Jul Jun	Obama Obama Obama Obama Obama Obama Obama Obama G W Bush	R Ginsburg -1.731	Clinton - 1.4821 Clinton - 1	(Clinton - 1.4821 (Clinton - 1		J Roberts 0.9303 J Robe	[GWBush 1.3735] [GWBush 1.3735	[GWBush 1.3735] [GHWBush 1.4756] [GHWBush 1.4156]	S. Alito 1.8167 S. Alito 1.8167	C Thomas 3,6037
2009 2009 2009 2009 2009 2009 2009 2009	Aug Jul Jun May Apr Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jun May Apr Mar Feb Jun Dec Nov Oct Sep Aug Jul Jun Dec Nov Oct Sep Aug Jul Jun May Apr May Apr May Apr May Apr May Apr May Apr May Feb Jun Dec Nov Oct Sep Aug Jul Jun Dec Nov Oct Sep Aug Jun Jun Dec Nov Oct Sep Aug Jun Jun Dec Dec Dec	Obama Obama Obama Obama Obama Obama Obama Obama Obama G W Bush	R Ginsburg -1.731	Clinton - 1.4821	(Clinton - 1.4821)		J Roberts 0,9303 D Souter 0,9303 D Souter 0,7725	[GWBush 1,3735] [GWBush 1,3735	[GWBush 1.3735] [GWBush 1.4156] [GHWBush 1.4156]	S. Alito 1.8167	C Thomas 3,6037

Appendix D: 'Alternate' Ideological Heatmap, 1971 to Present (Continued)

2005	Oct	G W Bush	R Ginsburg -1.731				A Kennedy 0.6823	J Roberts 0.9303		C Thomas 3.6037
2005	Sep	G W Bush	R Ginsburg -1.731				A Kennedy 0.6823			C Thomas 3.6037
2005	Aug	G W Bush	R Ginsburg -1.731				A Kennedy 0.6823			C Thomas 3.6037
2005		G W Bush	R Ginsburg -1.731					J Roberts 0.9303		C Thomas 3.6037
2005		G W Bush	R Ginsburg -1.731						[GHWBush 1.4156]	C Thomas 3.6037
2005	May	G W Bush	R Ginsburg -1.731						[GHWBush 1.4156]	C Thomas 3.6037
2005	Apr	G W Bush	R Ginsburg -1.731							C Thomas 3.6037
2005	Mar	G W Bush	R Ginsburg -1.731							C Thomas 3.6037
2005		G W Bush	R Ginsburg -1.731							C Thomas 3.6037
							A Kennedy 0.6823			C Thomas 3.6037
2005		G W Bush	R Ginsburg -1.731					J Roberts 0.9303	[GHWBush 1.4156]	
2004	Dec	G W Bush	R Ginsburg -1.731						[GHWBush 1.4156]	C Thomas 3.6037
2004	Nov	G W Bush	R Ginsburg -1.731						[GHWBush 1.4156]	C Thomas 3.6037
2004	Oct	G W Bush	R Ginsburg -1.731							C Thomas 3.6037
2004	Sen	G W Bush	R Ginsburg -1.731						A Scalia 2.5145	C Thomas 3.6037
2004		G W Bush	R Ginsburg -1.731						A Scalia 2.5145	C Thomas 3.6037
		G W Bush								
2004			R Ginsburg -1.731					[GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3.6037
2004		G W Bush	R Ginsburg -1.731					[GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3.6037
2004	May	G W Bush	R Ginsburg -1.731						A Scalia 2.5145	C Thomas 3.6037
2004	Apr	G W Bush	R Ginsburg -1.731						A Scalia 2.5145	C Thomas 3.6037
2004	Mar	G W Bush	R Ginsburg -1.731						A Scalia 2.5145	C Thomas 3.6037
2004	Feb	G W Bush	R Ginsburg -1.731						A Scalia 2.5145	C Thomas 3.6037
2004		G W Bush	R Ginsburg -1.731						A Scalia 2.5145	C Thomas 3.6037
2003		G W Bush	R Ginsburg -1.731					[GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3.6037
2003		G W Bush	R Ginsburg -1.731					[GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3.6037
2003	Oct	G W Bush	R Ginsburg -1.731					[GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3.6037
2003	Sep	G W Bush	R Ginsburg -1.731							C Thomas 3.6037
2003	Aug	G W Bush	R Ginsburg -1.731							C Thomas 3.6037
2003		G W Bush	R Ginsburg -1.731						A Scalia 2.5145	C Thomas 3.6037
2003		G W Bush	R Ginsburg -1.731						A Scalia 2.5145	C Thomas 3.6037
2003										
	-	G W Bush	R Ginsburg -1.731	[Clinton -1.4821	[Clinton -1.4821		A Kennedy 0.6823	[GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3.6037
2003		G W Bush	R Ginsburg -1.731					[GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3.6037
2003		G W Bush	R Ginsburg -1.731						A Scalia 2.5145	C Thomas 3.6037
2003	Feb	G W Bush	R Ginsburg -1.731							C Thomas 3.6037
2003	Jan	G W Bush	R Ginsburg -1.731						A Scalia 2.5145	C Thomas 3.6037
2002	Dec	G W Bush	R Ginsburg -1.731				A Kennedy 0.6823		A Scalia 2.5145	C Thomas 3.6037
2002		G W Bush	R Ginsburg -1.731					[GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3.6037
2002		G W Bush	R Ginsburg -1.731					[GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3.6037
2002		G W Bush	R Ginsburg -1.731					[GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3.6037
2002	Aug	G W Bush	R Ginsburg -1.731						A Scalia 2.5145	C Thomas 3.6037
2002	Jul	G W Bush	R Ginsburg -1.731						A Scalia 2.5145	C Thomas 3.6037
2002	Jun	G W Bush	R Ginsburg -1.731						A Scalia 2.5145	C Thomas 3.6037
2002		G W Bush	R Ginsburg -1.731						A Scalia 2.5145	C Thomas 3.6037
2002		G W Bush	R Ginsburg -1.731				A Kennedy 0.6823		A Scalia 2.5145	C Thomas 3.6037
2002		G W Bush	R Ginsburg -1.731					[GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3.6037
2002		G W Bush	R Ginsburg -1.731					[GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3.6037
2002	Jan	G W Bush	R Ginsburg -1.731					[GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3.6037
2001	Dec	G W Bush	R Ginsburg -1.731					[GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3.6037
2001	Nov	G W Bush	R Ginsburg -1.731						A Scalia 2.5145	C Thomas 3.6037
2001	Oct	G W Bush	R Ginsburg -1.731						A Scalia 2.5145	C Thomas 3.6037
2001		G W Bush	R Ginsburg -1.731						A Scalia 2.5145	C Thomas 3.6037
2001		G W Bush	R Ginsburg -1.731						A Scalia 2.5145	C Thomas 3.6037
2001		G W Bush	R Ginsburg -1.731					[GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3.6037
2001		G W Bush	R Ginsburg -1.731					[GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3.6037
2001	May	G W Bush	R Ginsburg -1.731					[GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3.6037
2001	Apr	G W Bush	R Ginsburg -1.731						A Scalia 2.5145	C Thomas 3.6037
2001	Mar	G W Bush	R Ginsburg -1.731						A Scalia 2.5145	C Thomas 3.6037
2001	Feb	G W Bush	R Ginsburg -1.731				A Kennedy 0.6823		A Scalia 2.5145	C Thomas 3.6037
2001	Jan	G W Bush	R Ginsburg -1.731						A Scalia 2.5145	C Thomas 3.6037
2000		Clinton	R Ginsburg -1.731				A Kennedy 0.6823	[GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3.6037
										C Thomas 3.6037
2000		Clinton	R Ginsburg -1.731					[GHWBush 1.4156]	A Scalia 2.5145 A Scalia 2.5145	
2000		Clinton	R Ginsburg -1.731	[Clinton -1.4821			A Kennedy 0.6823	[GHWBush 1.4156]		C Thomas 3.6037
2000		Clinton	R Ginsburg -1.731					[GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3.6037
2000		Clinton	R Ginsburg -1.731			D Souter -0.7725		[GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3.6037
2000		Clinton	R Ginsburg -1.731						A Scalia 2.5145	C Thomas 3.6037
2000	Jun	Clinton	R Ginsburg -1.731							C Thomas 3.6037
2000	May	Clinton	R Ginsburg -1.731							C Thomas 3.6037
2000	Apr	Clinton	R Ginsburg -1.731						A Scalia 2.5145	C Thomas 3.6037
2000		Clinton	R Ginsburg -1.731						A Scalia 2.5145	C Thomas 3.6037
2000		Clinton	R Ginsburg -1.731	[Clinton -1.4821	[Clinton -1.4821		A Kennedy 0.6823	[GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3.6037
										C Thomas 3.6037
2000		Clinton	R Ginsburg -1.731	[Clinton -1.4821	[Clinton -1.4821		A Kennedy 0.6823	[GHWBush 1.4156]	A Scalia 2.5145	
1999		Clinton	R Ginsburg -1.731	[Clinton -1.4821	[Clinton -1.4821		A Kennedy 0.6823	[GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3.6037
1999		Clinton	R Ginsburg -1.731					[GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3.6037
1999		Clinton	R Ginsburg -1.731						A Scalia 2.5145	C Thomas 3.6037
1999	Sep	Clinton	R Ginsburg -1.731							C Thomas 3.6037
1999	Aug	Clinton	R Ginsburg -1.731							C Thomas 3.6037
1999		Clinton	R Ginsburg -1.731						A Scalia 2.5145	C Thomas 3.6037
1999		Clinton	R Ginsburg -1.731						A Scalia 2.5145	C Thomas 3.6037
1999		Clinton	R Ginsburg -1.731	[Clinton -1.4821				[GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3.6037
1999		Clinton	R Ginsburg -1.731					[GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3.6037
1999		Clinton	R Ginsburg -1.731						A Scalia 2.5145	C Thomas 3.6037
1999	Feb	Clinton	R Ginsburg -1.731							C Thomas 3.6037
1999	Jan	Clinton	R Ginsburg -1.731						A Scalia 2.5145	C Thomas 3.6037
1998		Clinton	R Ginsburg -1.731						A Scalia 2.5145	C Thomas 3.6037
1998		Clinton	R Ginsburg -1.731					[GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3.6037
		Clinton	R Ginsburg -1.731			A Kennedy 0.6823		[GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3.6037
1998										
1998		Clinton	R Ginsburg -1.731					[GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3.6037
1998		Clinton	R Ginsburg -1.731						A Scalia 2.5145	C Thomas 3.6037
1998	Jul	Clinton	R Ginsburg -1.731						A Scalia 2.5145	C Thomas 3.6037
1998	Jun	Clinton	R Ginsburg -1.731						A Scalia 2.5145	C Thomas 3.6037
1998	May	Clinton	R Ginsburg -1.731						A Scalia 2.5145	C Thomas 3.6037
1998		Clinton	R Ginsburg -1.731						A Scalia 2.5145	C Thomas 3.6037
						, , , , , , , , , , , , , , , , , , , ,				

Appendix D: 'Alternate' Ideological Heatmap, 1971 to Present (Continued)

1998	Mar	Clinton	R Ginsburg -1.731							A Scalia 2.5145	C Thomas 3.6037
1998	Feb	Clinton	R Ginsburg -1.731							A Scalia 2.5145	C Thomas 3.6037
1998	Jan	Clinton	R Ginsburg -1.731							A Scalia 2.5145	C Thomas 3.6037
1997	Dec	Clinton	R Ginsburg -1.731							A Scalia 2.5145	C Thomas 3.6037
1997	Nov	Clinton	R Ginsburg -1.731							A Scalia 2.5145	C Thomas 3.6037
1997	Oct	Clinton	R Ginsburg -1.731							A Scalia 2.5145	C Thomas 3.6037
1997	Sep	Clinton	R Ginsburg -1.731							A Scalia 2.5145	C Thomas 3.6037
1997	Aug	Clinton	R Ginsburg -1.731							A Scalia 2.5145	C Thomas 3.6037
1997	Jul	Clinton	R Ginsburg -1.731								C Thomas 3.6037
1997	Jun	Clinton	R Ginsburg -1.731								C Thomas 3.6037
1997	May	Clinton	R Ginsburg -1.731							A Scalia 2.5145	C Thomas 3.6037
1997	Apr	Clinton	R Ginsburg -1.731							A Scalia 2.5145	C Thomas 3.6037
1997	Mar	Clinton	R Ginsburg -1.731							A Scalia 2.5145	C Thomas 3.6037
1997	Feb	Clinton	R Ginsburg -1.731							A Scalia 2.5145	C Thomas 3.6037
1997	Jan	Clinton	R Ginsburg -1.731								C Thomas 3.6037
1996	Dec	Clinton	R Ginsburg -1.731							A Scalia 2.5145	C Thomas 3.6037
1996	Nov	Clinton	R Ginsburg -1.731							A Scalia 2.5145	C Thomas 3.6037
1996	Oct	Clinton	R Ginsburg -1.731							A Scalia 2.5145	C Thomas 3.6037
1996	Sep	Clinton	R Ginsburg -1.731						[GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3.6037
1996		Clinton	R Ginsburg -1.731							A Scalia 2.5145	C Thomas 3.6037
1996		Clinton	R Ginsburg -1.731						[GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3.6037
1996		Clinton	R Ginsburg -1.731						[GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3.6037
1996		Clinton	R Ginsburg -1.731						[GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3.6037
1996		Clinton	R Ginsburg -1.731						[GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3.6037
1996		Clinton	R Ginsburg -1.731						[GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3.6037
1996		Clinton	R Ginsburg -1.731				A Kennedy 0.6823		[GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3.6037
1996 1995		Clinton	R Ginsburg -1.731				A Kennedy 0.6823		[GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3.6037
		Clinton	R Ginsburg -1.731	[Clinton -1.4821			A Kennedy 0.6823		[GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3.6037
1995 1995		Clinton	R Ginsburg -1.731 R Ginsburg -1.731				A Kennedy 0.6823 A Kennedy 0.6823		[GHWBush 1.4156]	A Scalia 2.5145 A Scalia 2.5145	C Thomas 3.6037 C Thomas 3.6037
		Clinton	R Ginsburg -1.731				A Kennedy 0.6823 A Kennedy 0.6823	S D O'Connor 1.0147 S D O'Connor 1.0147	[GHWBush 1.4156]	A Scalia 2.5145 A Scalia 2.5145	C Thomas 3.6037 C Thomas 3.6037
1995 1995		Clinton	R Ginsburg -1.731				A Kennedy 0.6823 A Kennedy 0.6823		[GHWBush 1.4156]	A Scalia 2.5145 A Scalia 2.5145	C Thomas 3.6037 C Thomas 3.6037
1995		Clinton	R Ginsburg -1.731				A Kennedy 0.6823 A Kennedy 0.6823	S D O'Connor 1.0147 S D O'Connor 1.0147	[GHWBush 1.4156]	A Scalia 2.5145 A Scalia 2.5145	C Thomas 3.6037
1995		Clinton	R Ginsburg -1.731				A Kennedy 0.6823		[GHWBush 1.4156]	A Scalia 2.5145 A Scalia 2.5145	C Thomas 3.6037
	May	Clinton	R Ginsburg -1.731	[Clinton -1.4821			A Kennedy 0.6823		[GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3.6037
1995		Clinton	R Ginsburg -1.731				A Kennedy 0.6823		[GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3.6037
1995		Clinton	R Ginsburg -1.731						[GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3.6037
1995	-	Clinton	R Ginsburg -1.731						[GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3.6037
1995		Clinton	R Ginsburg -1.731						[GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3.6037
1994	Dec	Clinton	R Ginsburg -1.731				A Kennedy 0.6823		[GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3.6037
1994	400	Clinton	R Ginsburg -1.731							A Scalia 2.5145	C Thomas 3.6037
1994	Oct	Clinton	R Ginsburg -1.731							A Scalia 2.5145	C Thomas 3.6037
1994	Sep	Clinton	R Ginsburg -1.731							A Scalia 2.5145	C Thomas 3.6037
1994	Aug	Clinton	R Ginsburg -1.731							A Scalia 2.5145	C Thomas 3.6037
1994	Jul	Clinton	R Ginsburg -1.731				A Kennedy 0.6823			A Scalia 2.5145	C Thomas 3.6037
1994	lun	Clinton									
	Juli	Cilitori	R Ginsburg -1.731						[GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3.6037
1994		Clinton	R Ginsburg -1.731 R Ginsburg -1.731								
	May									A Scalia 2.5145 A Scalia 2.5145 A Scalia 2.5145	C Thomas 3.6037 C Thomas 3.6037 C Thomas 3.6037
1994 1994 1994	May Apr Mar	Clinton Clinton Clinton	R Ginsburg -1.731 R Ginsburg -1.731 R Ginsburg -1.731				A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823		[GHWBush 1.4156] [GHWBush 1.4156] [GHWBush 1.4156] [GHWBush 1.4156]	A Scalia 2.5145 A Scalia 2.5145 A Scalia 2.5145 A Scalia 2.5145	C Thomas 3.6037 C Thomas 3.6037 C Thomas 3.6037 C Thomas 3.6037
1994 1994 1994 1994	May Apr Mar Feb	Clinton Clinton Clinton Clinton	R Ginsburg -1.731 R Ginsburg -1.731 R Ginsburg -1.731 R Ginsburg -1.731				A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823		[GHWBush 1.4156] [GHWBush 1.4156] [GHWBush 1.4156] [GHWBush 1.4156] [GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3.6037 C Thomas 3.6037 C Thomas 3.6037 C Thomas 3.6037 C Thomas 3.6037
1994 1994 1994 1994	May Apr Mar Feb Jan	Clinton Clinton Clinton Clinton Clinton	R Ginsburg -1.731 R Ginsburg -1.731 R Ginsburg -1.731 R Ginsburg -1.731 R Ginsburg -1.731				A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823		[GHWBush 1.4156] [GHWBush 1.4156] [GHWBush 1.4156] [GHWBush 1.4156] [GHWBush 1.4156] [GHWBush 1.4156]	A Scalia 2.5145 A Scalia 2.5145 A Scalia 2.5145 A Scalia 2.5145 A Scalia 2.5145 A Scalia 2.5145	C Thomas 3.6037 C Thomas 3.6037 C Thomas 3.6037 C Thomas 3.6037 C Thomas 3.6037 C Thomas 3.6037
1994 1994 1994 1994 1994 1993	May Apr Mar Feb Jan Dec	Clinton Clinton Clinton Clinton Clinton Clinton Clinton	R Ginsburg -1.731 R Ginsburg -1.731 R Ginsburg -1.731 R Ginsburg -1.731 R Ginsburg -1.731 R Ginsburg -1.731				A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823 A Kennedy 0.6823		[GHWBush 1.4156] [GHWBush 1.4156] [GHWBush 1.4156] [GHWBush 1.4156] [GHWBush 1.4156] [GHWBush 1.4156] [GHWBush 1.4156]	A Scalia 2.5145 A Scalia 2.5145 A Scalia 2.5145 A Scalia 2.5145 A Scalia 2.5145 A Scalia 2.5145 A Scalia 2.5145	C Thomas 3.6037 C Thomas 3.6037 C Thomas 3.6037 C Thomas 3.6037 C Thomas 3.6037 C Thomas 3.6037 C Thomas 3.6037
1994 1994 1994 1994 1994 1993	May Apr Mar Feb Jan Dec Nov	Clinton Clinton Clinton Clinton Clinton Clinton Clinton Clinton Clinton	R Ginsburg -1.731 R Ginsburg -1.731 R Ginsburg -1.731 R Ginsburg -1.731 R Ginsburg -1.731 R Ginsburg -1.731 J P Stevens -1.8098	S Breyer -1.2332 S Breyer -1.2332 S Breyer -1.2332 S Breyer -1.2332 S Breyer -1.2332 S Breyer -1.2332 R Ginsburg -1.731			A Kennedy 0.6823 A Kennedy 0.6823		[GHWBush 1.4156] [GHWBush 1.4156] [GHWBush 1.4156] [GHWBush 1.4156] [GHWBush 1.4156] [GHWBush 1.4156] [GHWBush 1.4156] [GHWBush 1.4156]	A Scalia 2.5145 A Scalia 2.5145	C Thomas 3.6037 C Thomas 3.6037
1994 1994 1994 1994 1994 1993 1993	May Apr Mar Feb Jan Dec Nov Oct	Clinton	R Ginsburg -1.731 R Ginsburg -1.731 R Ginsburg -1.731 R Ginsburg -1.731 R Ginsburg -1.731 R Ginsburg -1.731 J P Stevens -1.8098 J P Stevens -1.8098	S Breyer -1.2332 S Breyer -1.2332 S Breyer -1.2332 S Breyer -1.2332 S Breyer -1.2332 S Breyer -1.2332 R Ginsburg -1.731 R Ginsburg -1.731			A Kennedy 0.6823 A Kennedy 0.6823		[GHWBush 1.4156] [GHWBush 1.4156] [GHWBush 1.4156] [GHWBush 1.4156] [GHWBush 1.4156] [GHWBush 1.4156] [GHWBush 1.4156] [GHWBush 1.4156] [GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3.6037 C Thomas 3.6037
1994 1994 1994 1994 1993 1993 1993	May Apr Mar Feb Jan Dec Nov Oct Sep	Clinton	R Ginsburg -1.731 R Ginsburg -1.731 R Ginsburg -1.731 R Ginsburg -1.731 R Ginsburg -1.731 R Ginsburg -1.731 J P Stevens -1.8098 J P Stevens -1.8098	S Breyer -1.2332 S Breyer -1.2332 S Breyer -1.2332 S Breyer -1.2332 S Breyer -1.2332 S Breyer -1.2332 R Ginsburg -1.731 R Ginsburg -1.731			A Kennedy 0.6823 A Kennedy 0.6823		[GHWBush 1.4156] [GHWBush 1.4156] [GHWBush 1.4156] [GHWBush 1.4156] [GHWBush 1.4156] [GHWBush 1.4156] [GHWBush 1.4156] [GHWBush 1.4156] [GHWBush 1.4156] [GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3.6037 C Thomas 3.6037
1994 1994 1994 1994 1993 1993 1993 1993	May Apr Mar Feb Jan Dec Nov Oct Sep Aug	Clinton	R Ginsburg -1.731 R Ginsburg -1.731 R Ginsburg -1.731 R Ginsburg -1.731 R Ginsburg -1.731 R Ginsburg -1.731 J P Stevens -1.8098 J P Stevens -1.8098 J P Stevens -1.8098	S Breyer -1 2332 S Breyer -1 2332 R Ginsburg -1.731 R Ginsburg -1.731 R Ginsburg -1.731	D Souter -0.7725		A Kennedy 0.6823 A Kennedy 0.6823		[GHWBush 1.4156] (GHWBush 1.4156]	A Scalia 2.5145 A Scalia 2.5145	C Thomas 3,6037 C Thomas 3,6037
1994 1994 1994 1994 1993 1993 1993 1993	May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul	Clinton	R Ginsburg -1.731 R Ginsburg -1.731 R Ginsburg -1.731 R Ginsburg -1.731 R Ginsburg -1.731 B Ginsburg -1.731 J P Stevens -1.8098 J P Stevens -1.8098 J P Stevens -1.8098 J P Stevens -1.8098	S Breyer -1 2332 S Breyer -1 2332 R Ginsburg -1.731 R Ginsburg -1.731 R Ginsburg -1.731 R Ginsburg -1.731	D Souter -0.7725		A Kennedy 0.6823 A Kennedy 0.6823		[GHWBush 1.4156] (GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3,6037
1994 1994 1994 1994 1993 1993 1993 1993	May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun	Clinton	R Ginsburg -1,731 R Ginsburg -1,731 R Ginsburg -1,731 R Ginsburg -1,731 R Ginsburg -1,731 R Ginsburg -1,731 P Stevens -1,8098 J P Stevens -1,8098 J P Stevens -1,8098 J P Stevens -1,8098 J P Stevens -1,8098	S Breyer -1.2332 S Breyer -1.2332 S Breyer -1.2332 S Breyer -1.2332 S Breyer -1.2332 S Breyer -1.2332 R Ginsburg -1.731 R Ginsburg -1.731 R Ginsburg -1.731 R Ginsburg -1.731 R Ginsburg -1.731 D Souter -0.7725	D Souter -0.7725	H Blackmun - 0.0273 H Blackmun - 0.0273	A Kennedy 0,6823 A Kennedy 0,6823		[GHWBush 1.4156] (GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3 6037
1994 1994 1994 1994 1993 1993 1993 1993	May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May	Clinton	R Ginsburg -1.731 R Ginsburg -1.731 R Ginsburg -1.731 R Ginsburg -1.731 R Ginsburg -1.731 B Ginsburg -1.731 J P Stevens -1.8098 J P Stevens -1.8098 J P Stevens -1.8098 J P Stevens -1.8098	S Breyet -1 2332 S Breyer -1 2332 R Ginsburg -1.731 R Ginsburg -1.731 R Ginsburg -1.731 R Ginsburg -1.731 R Ginsburg -1.731 D Souter -0.7725	D Souter -0.7725		A Kennedy 0.6823 A Kennedy 0.6823		[GHWBush 1.4156] (GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3,6037
1994 1994 1994 1994 1993 1993 1993 1993	May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr	Clinton	R Ginsburg -1,731 R Ginsburg -1,731 R Ginsburg -1,731 R Ginsburg -1,731 R Ginsburg -1,731 J P Stevens -1,8098 J P Stevens -1,8098	S Breyer -1 2332 S Breyer -1 2332 R Ginsburg -1.731 R Ginsburg -1.731 R Ginsburg -1.731 R Ginsburg -1.731 R Of Ginsburg -1.731 D Souter -0.7725 D Souter -0.7725	D Souter -0.7725	H Blackmun -0.0273 H Blackmun -0.0273 W Blackmun -0.0273 H Blackmun -0.0273 H Blackmun -0.0273 H Blackmun -0.0273	A Kennedy 0,6823 A Kennedy 0,6823		[GHWBush 1.4156] (GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3,6037
1994 1994 1994 1994 1993 1993 1993 1993	May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Mar	Clinton	R Ginsburg -1.731 R Ginsburg -1.731 R Ginsburg -1.731 R Ginsburg -1.731 R Ginsburg -1.731 R Ginsburg -1.731 J P Stevens -1.8098 J P Stevens -1.8098	S Breyet -1 2332 S Breyet -1 2332 R Ginsburg -1.731 R Ginsburg -1.731 R Ginsburg -1.731 R Ginsburg -1.731 D Souter -0.7725 D Souter -0.7725	D Souter -0.7725 H Blackmun -0.0273 H Blackmun -0.0273	H Blackmun - 0.0273 H Blackmun - 0.0273 B White 0.436 B White 0.436	A Kennedy 0.6823 A Kennedy 0.6823		[GHWBush 1.4156] (GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3,6037
1994 1994 1994 1994 1993 1993 1993 1993	May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb	Clinton	R Ginsburg -1,731 R Ginsburg -1,731 R Ginsburg -1,731 R Ginsburg -1,731 R Ginsburg -1,731 R Ginsburg -1,731 J P Stevens -1,8098 J P Stevens -1,8098	S Breyet -1 2332 S Breyer -1 2332 R Ginsburg -1.731 C Ginsburg -1.731 C Ginsburg -1.731 D Souter -0.7725	D Souter - 0.7725 H Blackmun - 0.0273 H Blackmun - 0.0273 H Blackmun - 0.0273	H Blackmun - 0.0273 H Blackmun - 0.0273 B White 0.436 B White 0.436 B White 0.436	A Kennedy 0,6823 A Kennedy 0,6823		[GHWBush 1.4156] (GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3 6037
1994 1994 1994 1994 1993 1993 1993 1993	May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan	Clinton	R Ginsburg -1,731 R Ginsburg -1,731 R Ginsburg -1,731 R Ginsburg -1,731 R Ginsburg -1,731 R Ginsburg -1,731 J P Stevens -1,8098 J P Stevens -1,8098	S Breyet -1 2332 S Breyet -1 2332 S Breyer -1 2332 S Breyer -1 2332 S Breyer -1 2332 S Breyer -1 2332 R Ginsburg -1.731 R Ginsburg -1.731 R Ginsburg -1.731 R Ginsburg -1.731 D Souter -0.7725	D Souter -0.7725 H Blackmun -0.0273 H Blackmun -0.0273 H Blackmun -0.0273 H Blackmun -0.0273	H Blackmun -0.0273 H Blackmun -0.0273 Blackmun -0.0273 H Blackmun -0.0273 White 0.436 B White 0.436 B White 0.436 B White 0.436 B White 0.436	A Kennedy 0,6823		[GHWBush 1.4156] (GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3,6037
1994 1994 1994 1993 1993 1993 1993 1993	May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov	Clinton Clinto	R Ginsburg -1,731 R Ginsburg -1,731 R Ginsburg -1,731 R Ginsburg -1,731 R Ginsburg -1,731 R Ginsburg -1,731 J P Stevens -1,8098 J P Stevens -1,8098	S Breyet -1 2332 S Breyer -1 2332 R Ginsburg -1.731 C Ginsburg -1.731 D Souter -0.7725	D Souter -0.7725 H Blackmun -0.0273	H Blackmun - 0.0273 H Blackmun - 0.0273 B White 0.436 B White 0.436 B White 0.436 B White 0.436 B White 0.436	A Kennedy 0.6823 A Kennedy 0.6823		[GHWBush 1.4156] (GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3,6037
1994 1994 1994 1994 1993 1993 1993 1993	May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov	Clinton	R Ginsburg -1,731 J P Stevens -1,8098	S Breyet -1 2332 S Breyer -1 2332 R Ginsburg -1.731 C Ginsburg -1.731 D Souter -0.7725	D Souter -0.7725 H Blackmun -0.0273	H Blackmun - 0.0273 H Blackmun - 0.0273 B White 0.436 B White 0.436 B White 0.436 B White 0.436 B White 0.436	A Kennedy 0,6823		[GHWBush 1.4156] (GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3 6037
1994 1994 1994 1993 1993 1993 1993 1993	May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep	Clinton Clinto	R Ginsburg -1,731 J P Stevens -1,8098	S Breyer -1 2332 R Ginsburg -1 7.731 R Ginsburg -1 7.731 R Ginsburg -1 7.731 R Ginsburg -1 7.731 D Souter -0 7.725	D Souter - 0.7725 H Blackmun - 0.0273	H Blackmun - 0.0273 H Blackmun - 0.0273 B White 0.436 E White 0.436 B White 0.436	A Kennedy 0.6823		[GHWBush 1.4156] (GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3 6037
1994 1994 1994 1993 1993 1993 1993 1993	May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jul May Apr Mar Feb Jan Dec Cot Sep Aug Apr Mar Feb Jan Dec Aug Apr Mar Feb Jan Dec Aug Apr Mar Feb Jan Dec Aug Apr Apr Mar Feb Jan Dec Aug Apr Apr	Clinton Clinto	R Ginsburg -1,731 P Stevens -1,8098 J P Stevens -1,8098	S Breyet -1 2332 S Breyer -1 2332 R Ginsburg -1.731 C Ginsburg -1.731 D Souter -0.7725	D Souter - 0.7725 H Blackmun - 0.0273	H Blackmun - 0.0273 H Blackmun - 0.0273 B White 0.436 B White 0.436	A Kennedy 0,6823		[GHWBush 1.4156] (GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3,6037
1994 1994 1994 1994 1993 1993 1993 1993	May Apr Mar Feb Jan Dec Nov Oct Sep Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Jul Jun May Apr Mar Apr Mar Apr Apr Mar Apr Jun Dec Nov Oct Sep Jul Jun Dec Nov Oct Sep Jul Jun	Clinton Clinto	R Ginsburg -1,731 J P Stevens -1,8098	S Breyet -1 2332 S Breyer -1 2332 R Ginsburg -1.731 R Ginsburg -1.731 R Ginsburg -1.731 R Ginsburg -1.731 D Souter -0.7725	D Souter -0.7725 H Blackmun -0.0273	H Blackmun -0.0273 B White 0.436	A Kennedy 0.6823 A Kennedy 0.6823		[GHWBush 1.4156] (GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3 6037
1994 1994 1994 1994 1993 1993 1993 1993	May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun	Clinton Clinto	R Ginsburg -1,731 J R Sievens -1,8098 J P Stevens -1,8098	S Breyer -1 2332 R Ginsburg -1 7.731 R Ginsburg -1 7.731 R Ginsburg -1 7.731 R Ginsburg -1 7.731 D Souter -0 7.725	D Souter - 0.7725 H Blackmun - 0.0273	H Blackmun - 0.0273 H Blackmun - 0.0273 B White 0.436 E White 0.436 B White 0.436	A Kennedy 0.6823		[GHWBush 1.4156] (GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3 6037
1994 1994 1994 1994 1993 1993 1993 1993	May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Cott Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Mar Mar Mar Mar Mar Mar Mar Mar Mar Ma	Clinton Clinto	R Ginsburg -1,731 J P Stevens -1,8098	S Breyet -1 2332 S Breyer -1 2332 R Ginsburg -1.731 D Souter -0.7725	D Souter - 0.7725 H Blackmun - 0.0273	H Blackmun -0.0273 B White 0.436	A Kennedy 0,6823		[GHWBush 1.4156] (GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3,6037
1994 1994 1994 1994 1993 1993 1993 1993	May Apr Mar Feb Jan Jun May Apr Aug Jul Jun May Apr Apr Aug Jul Jun May Apr Aug	Clinton Clinto	R Ginsburg -1,731 P Stevens -1,8098 JP Stevens -1,8098	S Breyet -1 2332 S Breyer -1 2332 R Ginsburg -1.731 C Ginsburg -1.731 C Ginsburg -1.731 C Ginsburg -1.731 D Souter -0.7725	D Souter -0.7725 H Blackmun -0.0273	H Blackmun -0.0273 B White 0.436	A Kennedy 0.6823		[GHWBush 1.4156] (GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3,6037
1994 1994 1994 1994 1993 1993 1993 1993	May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun Jan Dec Nov Oct Sep Aug Jul Jun Jun Jan Dec Nov Oct Jan Dec Nov Oct Aug Apr Mar Feb Jan Dec Nov Apr Mar Apr Mar Aug Apr Mar Aug Apr Mar Aug	Clinton Clinto	R Ginsburg -1,731 J R Sievens -1,8098 JP Stevens -1,8098	S Breyer -1 2332 R Ginsburg -1 7.731 R Ginsburg -1 7.731 R Ginsburg -1 7.731 R Ginsburg -1 7.731 D Souter -0 7.725	D Souter - 0.7725 H Blackmun - 0.0273	H Blackmun - 0.0273 B White 0.436	A Kennedy 0, 6823		[GHWBush 1.4156] (GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3 6037
1994 1994 1994 1994 1993 1993 1993 1993	May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jun May Apr Mar Feb Jan Dec Jun May Apr Mar Feb Jun May Apr Aug Aug Aug Apr May Apr Feb Feb Jun May Apr Feb Feb Feb Feb	Clinton Clinto	R Ginsburg -1,731 P Stevens -1,8098 J P Stevens -1,8098	S Breyet -1 2332 R Ginsburg -1.731 D Souter -0.7725	D Souter -0.7725 H Blackmun -0.0273	H Blackmun -0.0273 B White 0.436	A Kennedy 0,6823		[GHWBush 1.4156] (GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3,6037
1994 1994 1994 1994 1993 1993 1993 1993	May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jun May Apr Mar Feb Jun May Apr Apr Mar Feb Jun May Apr Mar Feb Jun	Clinton G H W Bush	R Ginsburg -1,731 J P Stevens -1,8098	S Breyet -1 2332 S Breyer -1 2332 R Ginsburg -1.731 C Souter -0.7725 D Souter -0.7725	D Souter -0.7725 H Blackmun -0.0273	H Blackmun - 0.0273 B White 0.436	A Kennedy 0.6823		[GHWBush 1.4156] (GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3,6037
1994 1994 1994 1994 1993 1993 1993 1993	May Apr Mar Feb Jan Dec Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Aug Jul Jun May Apr Feb Aug Jul Jun May Apr Apr Apr Apr Apr Aug Jul Jun Dec Aug Jul Jun Dec Aug Jul Jun Dec Aug Jul Jun Dec Aug Jul Jun May Apr Mar Feb Aug Apr	Clinton G H W Bush	R Ginsburg -1,731 J P Stevens -1,8098	S Breyer -1 2332 R Ginsburg -1 731 R Ginsburg -1 731 R Ginsburg -1 731 R Ginsburg -1 731 D Souter -0 7725	D Souter - 0.7725 H Blackmun - 0.0273	H Blackmun - 0.0273 B White 0.436	A Kennedy 0, 6823		[GHWBush 1.4156] (GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3 6037
1994 1994 1994 1994 1993 1993 1993 1993	May Apr Mar Feb Jan Dec Nov Oct Sep Jul Jun May Apr Mar Feb Jan Dec Nov Aug Jul Jun May Apr Feb Jun May Apr Aug Jun May Apr Aug Apr Nov Nov	Clinton Clinto	R Ginsburg -1,731 J P Stevens -1,8098	S Breyet -1 2332 R Ginsburg -1.731 C Ginsburg -1.731 D Souter -0.7725	D Souter - 0.7725 H Biackmun - 0.0273	H Blackmun - 0.0273 B White 0.436	A Kennedy 0,6823		[GHWBush 1.4156] (GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3,6037
1994 1994 1994 1994 1993 1993 1993 1993	May Apr Mar Feb Jan Dec Nov Oct Sep Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun Dec Nov Oct Sep Aug Jul Jun Dec Nov Oct Nov Oct	Clinton Clinto	R Ginsburg -1,731 P Stevens -1,8098 JP Stevens -1,8098	S Breyet -1 2332 S Breyer -1 2332 R Ginsburg -1.731 D Souter -0.7725	D Souter -0.7725 H Blackmun -0.0273	H Blackmun - 0.0273 B White 0.436	A Kennedy 0.6823		[GHWBush 1.4156] (GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3 6037
1994 1994 1994 1994 1993 1993 1993 1993	May Apr Mar Feb Jan Dec Nov Oct Sep Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec Sep Sep Oct Sep	Clinton G H W Bush	R Ginsburg -1,731 J R Sitevens -1,8098 J P Stevens -1,8098	S Breyer -1 2332 R Ginsburg -1 731 R Ginsburg -1 731 R Ginsburg -1 731 R Ginsburg -1 731 D Souter -0 7725	D Souter - 0.7725 H Biackmun - 0.0273	H Blackmun - 0.0273 B White 0.436	A Kennedy 0, 6823		[GHWBush 1.4156] (GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3 6037
1994 1994 1994 1994 1993 1993 1993 1993	May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Apr Apr Jun May Apr Jun Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Nov Oct Sep Aug Jul May Apr	Clinton Clinto	R Ginsburg -1,731 J P Stevens -1,8098	S Breyet -1 2332 R Ginsburg -1.731 D Souter -0.7725	D Souter - 0.7725 H Blackmun - 0.0273	H Blackmun -0.0273 B White 0.436	A Kennedy 0,6823	S D O'Connor 1.0147	[GHWBush 1.4156] (GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3,6037
1994 1994 1994 1994 1993 1993 1993 1993	May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul May Apr Mar Feb Jan Dec Loc Loc Loc Loc Loc Loc Loc Loc Loc Lo	Clinton G H W Bush	R Ginsburg -1,731 J P Stevens -1,8098	S Breyet -1 2332 S Breyer -1 2332 R Ginsburg -1.731 D Souter -0.7725	D Souter -0.7725 H Blackmun -0.0273	H Blackmun - 0.0273 B White 0.436	A Kennedy 0.6823 B White 0.436 B White 0.436	S D O'Connor 1.0147	[GHWBush 1.4156] (GHWBush 1.4156]	A Scalia 2.5145 CIHWBush 1.4156] [GHWBush 1.4156]	C Thomas 3,6037
1994 1994 1994 1994 1993 1993 1993 1993	May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Apr Apr Aug Jul Jun May Apr Apr Aug Jul Jun May Apr Aug Jul Jun May Apr Aug Jul Jun Jec Nov Oct Sep Aug Jul Jun	Clinton G H W Bush	R Ginsburg -1,731 P Stevens -1,8098 JP Stevens -1,8098	S Breyet -1 2332 S Breyet -1 2332 S Breyer -1 2332 R Ginsburg -1.731 D Souter -0.7725	D Souter - 0.7725 H Biackmun - 0.0273	H Blackmun - 0.0273 B White 0.436	A Kennedy 0 6823 B White 0 436 B White 0 436 B White 0 436 B White 0 436	S D O'Connor 1.0147	[GHWBush 1.4156]	A Scalia 2.5145	C Thomas 3,6037
1994 1994 1994 1994 1993 1993 1993 1993	May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul May Apr Nov Oct Nov Oct Nov Oct Nov Oct Sep Aug Jul May Apr Apr Aug Jul May Apr Apr Mar Feb Jan May Apr Jun May Apr Jun May Apr Jun May Apr Jun May Aug Aug Jul Jun May Aug Aug Jul Jun May May May Aug Aug Jul Jun May May	Clinton Clinto	R Ginsburg -1,731 J P Stevens -1,8098	S Breyet -1 2332 R Ginsburg -1.731 C Ginsburg -1.731 D Souter -0.7725	D Souter - 0.7725 H Blackmun - 0.0273 D Souter - 0.7725 D Souter - 0.7725 D Souter - 0.7725 D Souter - 0.7725	H Blackmun - 0.0273 G White 0.436 B White 0.436	A Kennedy 0,6823 B Wennedy 0,6823 A Kennedy 0,6823 B Wennedy 0,6823 B White 0,436	S D O'Connor 1.0147	[GHWBush 1.4156] (GHWBush 1.4156)	A Scalia 2.5145	C Thomas 3,6037 C Thomas 3,603
1994 1994 1994 1994 1993 1993 1993 1993	May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec Aug Jul Jun May Apr Mar Apr	Clinton Clinto	R Ginsburg -1,731 P Stevens -1,8098 JP Stevens -1,8098	S Breyet -1 2332 S Breyet -1 2332 S Breyer -1 2332 R Ginsburg -1.731 D Souter -0.7725	D Souter -0.7725 H Blackmun -0.0273 D Souter -0.7725	H Blackmun - 0.0273 B White 0.436	A Kennedy 0.6823 B White 0.436	S D O'Connor 1.0147	[GHWBush 1.4156] (GHWBush 1.4156]	A Scalia 2.5145 C Scalia 2.514	C Thomas 3,6037 C Thomas 3,603
1994 1994 1994 1994 1993 1993 1993 1993	May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jun May Apr Apr Aug Jun May Apr Aug Jun May Apr Aug Jun May Apr Aug Jun May Apr Mar Feb Jun May Apr Mar Feb Jun May Apr Mar Apr Mar Mar Mar Mar Mar Mar Mar Mar Mar Ma	Clinton G H W Bush	R Ginsburg -1,731 J R Sitevens -1,8098 J P Stevens -1,8098 J Narshall -2,8313 T Marshall -2,8313 T Marshall -2,8313 T Marshall -2,8313	S Breyet -1.2332 S Breyer -1.2332 R Ginsburg -1.731 D Souter -0.7725	D Souter - 0.7725 H Biackmun - 0.0273 D Souter - 0.7725	H Blackmun - 0.0273 B White 0.436	A Kennedy 0, 6823 B White 0, 436	S D O'Connor 1.0147 S D O'	[GHWBush 1.4156]	A Scalia 2.5145 C Scalia 2.514	C Thomas 3 6037 C Thomas 3 603
1994 1994 1994 1994 1993 1993 1993 1993	May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul May Apr Apr Nov Oct Sep Aug Jul Jul Mar Feb Jun May Apr Mar Feb Jan May Apr Jun May Apr Jun May Apr Jun May Apr Jun Mar Feb Jun May Apr Feb Feb	Clinton Clinto	R Ginsburg -1,731 J P Stevens -1,8098	S Breyet -1 2332 S Breyet -1 2332 S Breyer -1 2332 R Ginsburg -1.731 D Souter -0.7725	D Souter - 0.7725 H Blackmun - 0.0273 D Slackmun - 0.0273 D Souter - 0.7725	H Blackmun - 0.0273 G White 0.436 B White 0.436	A Kennedy 0,6823 B Kennedy 0,6823 B Wennedy 0,6823 B Wennedy 0,6823 B Wennedy 0,6823 B White 0,436	S D O'Connor 1.0147 S D O'	[GHWBush 1.4156] (GHWBush 1.4156)	A Scalia 2.5145	C Thomas 3,6037 C Thomas 3,603
1994 1994 1994 1994 1993 1993 1993 1993	May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Jun Jun May Apr Mar Feb Jan Dec Nov Oct	Clinton Clinto	R Ginsburg -1,731 JP Stevens -1,8098	S Breyer -1 2332 R Ginsburg -1.731 R Ginsburg -1.731 R Ginsburg -1.731 R Ginsburg -1.731 D Souter -0.7725 D	D Souter - 0.7725 H Blackmun - 0.0273 D Souter - 0.7725	H Blackmun - 0.0273 B White 0.436 B White 0.43	A Kennedy 0.6823 B Kennedy 0.6823 A Kennedy 0.6823 B Kennedy 0.6823 B Kennedy 0.6823 B Kennedy 0.6823 B White 0.436	S D O'Connor 1.0147 S D O'	[GHWBush 1.4156] (GHWBush 1.4156) (GHWBush 1.4156)	A Scalia 2.5145 C Scalia 2.514	C Thomas 3,6037 C Thomas 3,603
1994 1994 1994 1994 1993 1993 1993 1993	May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul May Apr Mar Feb Jun May Apr Apr Ada Mar Feb Jun May Apr Apr Aug Jun May Apr Apr Aug Jun May Apr Apr Mar Feb Jun May Apr Mar Feb Jun May Apr Mar Feb Jun May Apr Mar Feb Joec Nov Oct Sep Aug Jun May Apr Mar Feb	Clinton Clinto	R Ginsburg -1,731 P Stevens -1,8098 JP	S Breyet -1.2332 S Breyer -1.2332 R Ginsburg -1.731 D Souter -0.7725 D	D Souter - 0.7725 H Biackmun - 0.0273 D Souter - 0.7725	H Blackmun - 0.0273 B White 0.436	A Kennedy 0, 6823 B White 0, 6823 B White 0, 6823 B White 0, 436	S D O'Connor 1.0147 S D O'	[GHWBush 1.4156] [GHWBu	A Scalia 2.5145	C Thomas 3 6037 C Thomas 3 603
1994 1994 1994 1994 1993 1993 1993 1993	May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul May Apr Apr Apr Aug Jul May Apr Apr Aug Jul May Apr Apr Mar Feb Jan May Apr Jun May Apr Jun May Apr Mar Feb Jan Dec Nov Oct Nov Oct Nov	Clinton Clinto	R Ginsburg -1,731 J P Stevens -1,8098 J	S Breyet -1 2332 R Ginsburg -1.731 S Ginsburg -1.731 D Souter -0.7725	D Souter - 0.7725 H Blackmun - 0.0273 D Souter - 0.7725	H Blackmun - 0.0273 G White 0.436 B White 0.436	A Kennedy 0,6823 B Kennedy 0,6823 A Kennedy 0,6823 B Kennedy 0,6823 B Wennedy 0,6823 B White 0,436	S D O'Connor 1.0147 S D O'	[GHWBush 1.4156] [GHWBu	A Scalia 2.5145	C Thomas 3,6037 C Thomas 3,603
1994 1994 1994 1994 1993 1993 1993 1993	May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul May Apr Apr Apr Aug Jul May Apr Apr Aug Jul May Apr Apr Mar Feb Jan May Apr Jun May Apr Jun May Apr Mar Feb Jan Dec Nov Oct Nov Oct Nov	Clinton Clinto	R Ginsburg -1,731 P Stevens -1,8098 JP	S Breyer -1 2332 R Ginsburg -1.731 R Ginsburg -1.731 R Ginsburg -1.731 R Ginsburg -1.731 D Souter -0.7725 D	D Souter - 0.7725 H Biackmun - 0.0273 D Souter - 0.7725	H Blackmun - 0.0273 B White 0.436 B Wh	A Kennedy 0, 6823 B White 0, 6823 B White 0, 6823 B White 0, 436	S D O'Connor 1.0147 S D O'	[GHWBush 1.4156] (GHWBush 1.4156)	A Scalia 2.5145	C Thomas 3 6037 C Thomas 3 603

Appendix D: 'Alternate' Ideological Heatmap, 1971 to Present (Continued)

1990										
	Aug	G H W Bush	T Marshall -2.8313						[GHWBush 1.4156]	A Scalia 2.5145
1990		G H W Bush	T Marshall -2.8313	J P Stevens -1.8098		B White 0.436	A Kennedy 0.6823		W Brennan 1.7802	A Scalia 2.5145
1990		G H W Bush	T Marshall -2.8313	J P Stevens -1.8098		B White 0.436	A Kennedy 0.6823		W Brennan 1.7802	A Scalia 2.5145
	May	G H W Bush	T Marshall -2.8313			B White 0.436			W Brennan 1.7802	A Scalia 2.5145
1990		G H W Bush	T Marshall -2.8313	J P Stevens -1.8098		B White 0.436	A Kennedy 0.6823		W Brennan 1.7802	A Scalia 2.5145
1990		G H W Bush	T Marshall -2.8313 T Marshall -2.8313	J P Stevens -1.8098		B White 0.436 B White 0.436	A Kennedy 0.6823		W Brennan 1.7802	A Scalia 2.5145
1990		G H W Bush G H W Bush	T Marshall -2.8313			B White 0.436	A Kennedy 0.6823 A Kennedy 0.6823		W Brennan 1.7802 W Brennan 1.7802	A Scalia 2.5145 A Scalia 2.5145
1990 1989		G H W Bush	T Marshall -2.8313	J P Stevens -1.8098	H Blackmun -0.0273 B White 0.436	A Kennedy 0.6823		S D O'Connor 1.0147 W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
1989		G H W Bush	T Marshall -2.8313	J P Stevens -1.8098		A Kennedy 0.6823		W Brennan 1 7802	A Scalia 2.5145	W Rehnquist 2.969
1989		G H W Bush	T Marshall -2.8313			A Kennedy 0.6823		W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
1989		G H W Bush	T Marshall -2.8313	J P Stevens -1.8098	B White 0.436	A Kennedy 0.6823		W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
1989		G H W Bush	T Marshall -2.8313			A Kennedy 0.6823		W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
1989		G H W Bush	T Marshall -2.8313	J P Stevens -1.8098		A Kennedy 0.6823		W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
1989		G H W Bush	T Marshall -2.8313					W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
1989	May	G H W Bush	T Marshall -2.8313					W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
1989	Apr	G H W Bush	T Marshall -2.8313					W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
1989	Mar	G H W Bush	T Marshall -2.8313							W Rehnquist 2.969
1989	Feb	G H W Bush	T Marshall -2.8313					W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
1989	Jan	G H W Bush	T Marshall -2.8313					W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
1988		Reagan	T Marshall -2.8313					W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
1988		Reagan	T Marshall -2.8313					W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
1988		Reagan	T Marshall -2.8313					W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
1988		Reagan	T Marshall -2.8313	J P Stevens -1.8098	B White 0.436	A Kennedy 0.6823		W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
1988		Reagan	T Marshall -2.8313					W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
1988		Reagan	T Marshall -2.8313 T Marshall -2.8313	J P Stevens -1.8098 J P Stevens -1.8098	B White 0.436 B White 0.436	A Kennedy 0.6823 A Kennedy 0.6823		W Brennan 1.7802 W Brennan 1.7802	A Scalia 2.5145 A Scalia 2.5145	W Rehnquist 2.969 W Rehnquist 2.969
1988 1988		Reagan Reagan	T Marshall -2.8313	J P Stevens -1.8098 J P Stevens -1.8098	B White 0.436	A Kennedy 0.6823 A Kennedy 0.6823		W Brennan 1.7802 W Brennan 1.7802	A Scalia 2.5145 A Scalia 2.5145	W Rehnquist 2.969
1988		Reagan	T Marshall -2.8313		B White 0.436			W Brennan 1.7802	A Scalia 2.5145 A Scalia 2.5145	W Rehnquist 2.969
1988		Reagan	T Marshall -2.8313	J P Stevens -1.8098	B White 0.436	A Kennedy 0.6823		W Brennan 1.7802	A Scalia 2.5145 A Scalia 2.5145	W Rehnquist 2.969
1988		Reagan	T Marshall -2.8313	J P Stevens -1.8098	B White 0.436	A Kennedy 0.6823		W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
1988		Reagan	T Marshall -2.8313					W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
1987		Reagan	T Marshall -2.8313					W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
1987		Reagan	T Marshall -2.8313					W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
1987	Oct	Reagan	T Marshall -2.8313				S D O'Connor 1.0147	W Brennan 1.7802		W Rehnquist 2.969
1987	Sep	Reagan	T Marshall -2.8313				S D O'Connor 1.0147	W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
1987	Aug	Reagan	T Marshall -2.8313				S D O'Connor 1.0147	W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
1987		Reagan	T Marshall -2.8313				S D O'Connor 1.0147	W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
1987		Reagan	T Marshall -2.8313					W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
1987	_	Reagan	T Marshall -2.8313		B White 0.436			W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
1987		Reagan	T Marshall -2.8313	J P Stevens -1.8098	B White 0.436	L Powell 0.9696		W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
1987		Reagan	T Marshall -2.8313		B White 0.436			W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
1987		Reagan	T Marshall -2.8313	J P Stevens -1.8098	B White 0.436	L Powell 0.9696		W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
1987	Dec	Reagan	T Marshall -2.8313 T Marshall -2.8313	J P Stevens -1.8098 J P Stevens -1.8098	B White 0.436 B White 0.436	L Powell 0.9696 L Powell 0.9696		W Brennan 1.7802 W Brennan 1.7802	A Scalia 2.5145 A Scalia 2.5145	W Rehnquist 2.969 W Rehnquist 2.969
1986		Reagan Reagan	T Marshall -2.8313			L Powell 0.9696		W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
1986		Reagan	T Marshall -2.8313	J P Stevens -1.8098	B White 0.436	L Powell 0.9696		W Brennan 1.7802	A Scalia 2.5145	W Rehnquist 2.969
1986		Reagan	T Marshall -2.8313					W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1986		Reagan	T Marshall -2.8313	J P Stevens -1.8098	B White 0.436			W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1986		Reagan	T Marshall -2.8313					W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1986	Jun	Reagan	T Marshall -2.8313					W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1986	May	Reagan	T Marshall -2.8313					W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1986	Apr	Reagan	T Marshall -2.8313						W Burger 1.89	W Rehnquist 2.969
1986	Mar	Reagan								
1986		Reagan	T Marshall -2.8313					W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1986			T Marshall -2.8313					W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1985		Reagan	T Marshall -2.8313 T Marshall -2.8313	J P Stevens -1.8098 J P Stevens -1.8098		L Powell 0.9696 L Powell 0.9696		W Brennan 1.7802 W Brennan 1.7802	W Burger 1.89 W Burger 1.89	W Rehnquist 2.969 W Rehnquist 2.969
		Reagan	T Marshall -2.8313 T Marshall -2.8313 T Marshall -2.8313	J P Stevens -1.8098 J P Stevens -1.8098 J P Stevens -1.8098	B White 0.436 B White 0.436	L Powell 0.9696 L Powell 0.9696 L Powell 0.9696		W Brennan 1.7802 W Brennan 1.7802 W Brennan 1.7802	W Burger 1.89 W Burger 1.89 W Burger 1.89	W Rehnquist 2.969 W Rehnquist 2.969 W Rehnquist 2.969
	Nov	Reagan Reagan	T Marshall -2.8313 T Marshall -2.8313 T Marshall -2.8313 T Marshall -2.8313	J P Stevens -1.8098 J P Stevens -1.8098 J P Stevens -1.8098 J P Stevens -1.8098	B White 0.436 B White 0.436 B White 0.436	L Powell 0.9696 L Powell 0.9696 L Powell 0.9696 L Powell 0.9696		W Brennan 1.7802 W Brennan 1.7802 W Brennan 1.7802 W Brennan 1.7802	W Burger 1.89 W Burger 1.89 W Burger 1.89 W Burger 1.89	W Rehnquist 2.969 W Rehnquist 2.969 W Rehnquist 2.969 W Rehnquist 2.969
	Nov Oct	Reagan Reagan Reagan	T Marshall -2.8313 T Marshall -2.8313 T Marshall -2.8313 T Marshall -2.8313 T Marshall -2.8313	J P Stevens -1.8098 J P Stevens -1.8098 J P Stevens -1.8098 J P Stevens -1.8098 J P Stevens -1.8098	B White 0.436 B White 0.436 B White 0.436 B White 0.436	L Powell 0.9696 L Powell 0.9696 L Powell 0.9696 L Powell 0.9696 L Powell 0.9696		W Brennan 1.7802 W Brennan 1.7802 W Brennan 1.7802 W Brennan 1.7802 W Brennan 1.7802	W Burger 1.89 W Burger 1.89 W Burger 1.89 W Burger 1.89 W Burger 1.89	W Rehnquist 2.969 W Rehnquist 2.969 W Rehnquist 2.969 W Rehnquist 2.969 W Rehnquist 2.969
1985	Nov Oct Sep	Reagan Reagan Reagan Reagan	T Marshall -2.8313 T Marshall -2.8313 T Marshall -2.8313 T Marshall -2.8313 T Marshall -2.8313 T Marshall -2.8313	J P Stevens -1.8098 J P Stevens -1.8098	B White 0.436 B White 0.436 B White 0.436 B White 0.436 B White 0.436	L Powell 0.9696 L Powell 0.9696 L Powell 0.9696 L Powell 0.9696 L Powell 0.9696 L Powell 0.9696		W Brennan 1.7802 W Brennan 1.7802 W Brennan 1.7802 W Brennan 1.7802 W Brennan 1.7802 W Brennan 1.7802	W Burger 1.89 W Burger 1.89 W Burger 1.89 W Burger 1.89 W Burger 1.89 W Burger 1.89	W Rehnquist 2.969 W Rehnquist 2.969 W Rehnquist 2.969 W Rehnquist 2.969 W Rehnquist 2.969 W Rehnquist 2.969
	Nov Oct Sep Aug	Reagan Reagan Reagan Reagan Reagan	T Marshall -2.8313 T Marshall -2.8313 T Marshall -2.8313 T Marshall -2.8313 T Marshall -2.8313	J P Stevens -1.8098 J P Stevens -1.8098 J P Stevens -1.8098 J P Stevens -1.8098 J P Stevens -1.8098	B White 0.436 B White 0.436 B White 0.436 B White 0.436	L Powell 0.9696 L Powell 0.9696 L Powell 0.9696 L Powell 0.9696 L Powell 0.9696		W Brennan 1.7802 W Brennan 1.7802 W Brennan 1.7802 W Brennan 1.7802 W Brennan 1.7802	W Burger 1.89 W Burger 1.89 W Burger 1.89 W Burger 1.89 W Burger 1.89	W Rehnquist 2.969 W Rehnquist 2.969 W Rehnquist 2.969 W Rehnquist 2.969 W Rehnquist 2.969
1985 1985	Nov Oct Sep Aug Jul	Reagan Reagan Reagan Reagan	T Marshall -2.8313 T Marshall -2.8313 T Marshall -2.8313 T Marshall -2.8313 T Marshall -2.8313 T Marshall -2.8313 T Marshall -2.8313	J P Stevens -1.8098 J P Stevens -1.8098	B White 0.436 B White 0.436 B White 0.436 B White 0.436 B White 0.436 B White 0.436	L Powell 0.9696 L Powell 0.9696 L Powell 0.9696 L Powell 0.9696 L Powell 0.9696 L Powell 0.9696 L Powell 0.9696		W Brennan 1.7802 W Brennan 1.7802 W Brennan 1.7802 W Brennan 1.7802 W Brennan 1.7802 W Brennan 1.7802 W Brennan 1.7802	W Burger 1.89 W Burger 1.89 W Burger 1.89 W Burger 1.89 W Burger 1.89 W Burger 1.89 W Burger 1.89	W Rehnquist 2,969
1985 1985 1985	Nov Oct Sep Aug Jul Jun	Reagan Reagan Reagan Reagan Reagan Reagan	T Marshall -2.8313	J P Stevens -1.8098 J P Stevens -1.8098	B White 0.436 B White 0.436 B White 0.436 B White 0.436 B White 0.436 B White 0.436 B White 0.436	L Powell 0.9696 L Powell 0.9696		W Brennan 1.7802 W Brennan 1.7802	W Burger 1.89	W Rehnquist 2,969
1985 1985 1985 1985	Nov Oct Sep Aug Jul Jun May	Reagan Reagan Reagan Reagan Reagan Reagan Reagan	T Marshall -2.8313	J P Stevens -1.8098 J P Stevens -1.8098	B White 0.436 B White 0.436 B White 0.436 B White 0.436 B White 0.436 B White 0.436 B White 0.436	L Powell 0.9696 L Powell 0.9696		W Brennan 1.7802 W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969 W Rehnquist 2.969
1985 1985 1985 1985 1985 1985 1985	Nov Oct Sep Aug Jul Jun May Apr Mar	Reagan Reagan Reagan Reagan Reagan Reagan Reagan Reagan Reagan	T Marshall -2.8313	J P Stevens -1.8098 J P Stevens -1.8098	B White 0.436	L Powell 0.9696 L Powell 0.9696		W Brennan 1.7802 W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1985 1985 1985 1985 1985 1985 1985	Nov Oct Sep Aug Jul Jun May Apr Mar Feb	Reagan Reagan Reagan Reagan Reagan Reagan Reagan Reagan Reagan Reagan Reagan	T Marshall -2.8313	J P Stevens -1.8098	B White 0.436	L Powell 0.9696 L Powell 0.9696		W Brennan 1.7802 W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1985 1985 1985 1985 1985 1985 1985 1985	Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan	Reagan Reagan Reagan Reagan Reagan Reagan Reagan Reagan Reagan Reagan Reagan	T Marshall -2.8313	J P Stevens -1.8098	B White 0.436	L Powell 0.9696 L Powell 0.9696		W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1985 1985 1985 1985 1985 1985 1985 1985	Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec	Reagan Reagan Reagan Reagan Reagan Reagan Reagan Reagan Reagan Reagan Reagan Reagan	T Marshall -2.8313	J P Stevens -1.8098 J P Stevens -1.8098	B White 0.436	L Powell 0.9696 L Powell 0.9696		W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1985 1985 1985 1985 1985 1985 1985 1985	Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov	Reagan Reagan Reagan Reagan Reagan Reagan Reagan Reagan Reagan Reagan Reagan Reagan Reagan	T Marshall -2.8313	J P Stevens -1.8098	B White 0.436	L Powell 0.9696 L Powell 0.9696		W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1985 1985 1985 1985 1985 1985 1985 1985	Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov	Reagan	T Marshall -2.8313	J P Stevens -1.8098	B White 0.436	L Powell 0.9696		W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1985 1985 1985 1985 1985 1985 1985 1985	Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep	Reagan	T Marshall -2.8313	J P Stevens -1.8098	B White 0.436	L Powell 0.9696		W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1985 1985 1985 1985 1985 1985 1985 1985	Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug	Reagan	T Marshall -2.8313	J P Stevens -1.8098	B White 0.436	L Powell 0.9696		W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1985 1985 1985 1985 1985 1985 1985 1985	Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul	Reagan	T Marshall -2.8313	J P Stevens -1.8098	B White 0.436	L Powell 0.9696		W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1985 1985 1985 1985 1985 1985 1985 1985	Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul	Reagan	T Marshall -2.8313	J P Stevens -1.8098	B White 0.436	L Powell 0.9696		W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1985 1985 1985 1985 1985 1985 1985 1985	Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May	Reagan	T Marshall -2.8313	J P Stevens -1.8098	B White 0.436	L Powell 0.9696		W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1985 1985 1985 1985 1985 1985 1985 1985	Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr	Reagan	T Marshall -2.8313	J P Stevens -1.8098	B White 0.436	L Powell 0.9696		W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1985 1985 1985 1985 1985 1985 1985 1985	Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Mar Mar	Reagan	T Marshall -2.8313	J P Stevens -1.8098	B White 0.436	L Powell 0.9696		W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1985 1985 1985 1985 1985 1985 1985 1985	Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr May Feb	Reagan	T Marshall -2.8313	J P Stevens -1.8098 J P Stevens -1.8099	B White 0.436	L Powell 0.9696		W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1985 1985 1985 1985 1985 1985 1985 1985	Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Oct Sep Aug Jul Jun May Apr Mor Feb Jan Aug Apr Aug	Reagan	T Marshall -2.8313	J P Stevens -1.8098	B White 0.436	L Powell 0.9696		W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1985 1985 1985 1985 1985 1985 1985 1985	Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jun May Apr Mar Apr Mar Nov Oct Nov Oct Sep Aug Jun May Apr Mar Apr Mar Nov Nov	Reagan	T Marshall - 2.8313	J P Stevens -1.8098	B White 0.436	L Powell 0.9696		W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1985 1985 1985 1985 1985 1985 1985 1985	Nov Oct Sep Aug Jul Jun May Apr Feb Jan Dec Nov Oct Sep Aug Jul Jun Mar Feb Jan Dec Nov Apr Mar Feb Jan Dec Nov Oct Oct	Reagan	T Marshall -2.8313	J P Stevens -1.8098	B White 0.436	L Powell 0.9696		W Brennan 1,7802	W Burger 1.89	W Rehnquist 2.969
1985 1985 1985 1985 1985 1985 1985 1985	Nov Oct Sep Jul Jun May Apr Nov Oct Sep Jul Jun May Apr Nov Oct Sep Jun Mar Feb Jan Cott Sep Sep Sep Jun Mar Feb Jan Dec Sep	Reagan	T Marshall -2.8313	J P Stevens -1.8098	B White 0.436	L Powell 0.9696		W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1985 1985 1985 1985 1985 1985 1985 1985	Nov Oct Sep Jul Jun May Apr Mar Feb Jan Nov Oct Sep Aug Jul Jun May Apr Nov Oct Sep Aug Jun May Apr Mar Apr Ma	Reagan	T Marshall -2.8313	J P Stevens -1.8098	B White 0.436	L Powell 0.9696		W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1985 1985 1985 1985 1985 1985 1985 1985	Nov Oct Sep Jul Jun May Mar Feb Jul Jun May May Nov Oct Sep Jul Jun May Mar Feb Jun May Mar Feb Jun May Mar Feb Jun Jun Jun May Mar Feb Jun May	Reagan	T Marshall -2.8313	J P Stevens -1.8098	B White 0.436	L Powell 0.9696		W Brennan 1,7802	W Burger 1.89	W Rehnquist 2.969
1985 1985 1985 1985 1985 1985 1985 1985	Nov Oct Sep Aug Jul Jun Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Apr Mar Feb Jan Apr Mar Mar Apr Mar Apr Mar Mar Mar Mar Mar Mar Mar Mar Mar Ma	Reagan	T Marshall -2.8313	J P Stevens -1.8098 J P Stevens -1.8099	B White 0.436	L Powell 0.9696		W Brennan 1,7802	W Burger 1.89	W Rehnquist 2.969
1985 1985 1985 1985 1985 1985 1985 1985	Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jun Dec Nov Oct Sep Aug Jul Jun Jun May Apr Mar Jun Dec Nov Oct Sep Aug Jul Jun May Nov	Reagan	T Marshall -2.8313	J P Stevens -1.8098	B White 0.436	L Powell 0.9696		W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1985 1985 1985 1985 1985 1985 1985 1985	Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Mar Feb Jan Jun May Apr Apr Apr Mar Feb Jan Dec Nov Oct Sep Aug Jul Jun May Apr Apr Aug Jul Jun May Apr Apr Apr Apr May Apr	Reagan	T Marshall -2.8313	J P Stevens -1.8098	B White 0.436	L Powell 0.9696		W Brennan 1,7802	W Burger 1.89	W Rehnquist 2.969
1985 1985 1985 1985 1985 1985 1985 1985	Nov Oct Sep Aug Jun May Apr Mar Feb Jun Nov Oct Sep Aug Jun May Apr Mar Feb Jun May Apr Mar Feb Jun May Apr Mar Mar May Apr Mar May Aug May Apr Mar Mar May Apr Mar	Reagan	T Marshall -2.8313	J P Stevens -1.8098	B White 0.436	L Powell 0.9696		W Brennan 1,7802	W Burger 1.89	W Rehnquist 2.969

Appendix D: 'Alternate' Ideological Heatmap, 1971 to Present (Continued)

1983	Jan	Reagan						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1982	Dec	Reagan				L Powell 0.9696		W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1982		Reagan	T Marshall -2.8313		B White 0.436		S D O'Connor 1.0147		W Burger 1.89	W Rehnquist 2.969
1982		Reagan						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
								W Brennan 1 7802		
1982		Reagan							W Burger 1.89	W Rehnquist 2.969
1982		Reagan						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1982		Reagan						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1982	Jun	Reagan						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1982	May	Reagan						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1982	Apr	Reagan						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1982	Mar	Reagan						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1982		Reagan						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1982		Reagan						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1981		Reagan						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
		-								
1981		Reagan						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1981		Reagan						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1981	Sep	Reagan				L Powell 0.9696	S D O'Connor 1.0147	W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1981	Aug	Reagan				L Powell 0.9696	S D O'Connor 1.0147	W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1981	Jul	Reagan				L Powell 0.9696	S D O'Connor 1.0147	W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1981	Jun	Reagan						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1981	May	Reagan						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1981		Reagan						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1981		Reagan						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
		-	T Marshall -2.8313			P Stewart 0.4022				
1981		Reagan			B White 0.436			W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1981		Reagan						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1980		Carter			B White 0.436	P Stewart 0.4022		W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1980		Carter						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1980		Carter						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1980		Carter						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1980	Aug	Carter						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1980	Jul	Carter							W Burger 1.89	W Rehnquist 2.969
1980		Carter						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1980	May	Carter						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1980		Carter	T Marshall -2.8313					W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1980		Carter						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1980		Carter						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1980		Carter	T Marshall -2.8313		B White 0.436	P Stewart 0.4022		W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
									W Burger 1.89	
1979		Carter				P Stewart 0.4022	L Powell 0.9696	W Brennan 1.7802		W Rehnquist 2.969
1979		Carter						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1979		Carter						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1979		Carter						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1979	Aug	Carter						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1979	Jul	Carter						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1979	Jun	Carter						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1979	May	Carter						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1979	Арг	Carter						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1979		Carter						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1979		Carter						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1979		Carter						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1978		Carter	T Marshall -2.8313		B White 0.436	P Stewart 0.4022		W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
			T Marshall -2.8313							
1978		Carter						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1978		Carter						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1978		Carter						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1978		Carter						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1978		Carter						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1978	Jun	Carter						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1978	May	Carter						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1978	Apr	Carter						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1978	Mar	Carter						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1978	Feb	Carter						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1978		Carter						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1977		Carter						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1977		Carter	T Marshall -2.8313		B White 0.436			W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1977		Carter						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1977		Carter	T Marshall =2 8313		B White 0.436	P Stewart 0.4022	I Powell 0 9696	W Brennan 1 7802	W Burger 1 89	W Rehnquist 2,969
1977		Carter	T Marshall -2.8313		B White 0.436	P Stewart 0.4022	L Powell 0.9696	W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
								W Brennan 1.7802		W Rehnquist 2.969
1977		Carter	T Marshall -2.8313		B White 0.436 B White 0.436	P Stewart 0.4022 P Stewart 0.4022			W Burger 1.89	
1977		Carter	T Marshall -2.8313					W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1977		Carter						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1977		Carter				P Stewart 0.4022		W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1977		Carter						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1977		Carter						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1977		Carter						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1976		Ford						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1976	Nov	Ford						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1976	Oct	Ford							W Burger 1.89	W Rehnquist 2.969
1976	Sep	Ford							W Burger 1.89	W Rehnquist 2.969
1976		Ford						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1976		Ford						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1976		Ford			B White 0.436	P Stewart 0.4022		W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1976		Ford	T Marshall -2.8313			P Stewart 0.4022		W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1976		Ford			B White 0.436	P Stewart 0.4022		W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1976		Ford				P Stewart 0.4022		W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1976		Ford						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1976		Ford						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1975		Ford						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1975		Ford						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1975	Oct	Ford						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1975	Sep	Ford						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1975		Ford						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969
1975		Ford	W Douglas -4.725					W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.969

Appendix D: 'Alternate' Ideological Heatmap, 1971 to Present (Continued)

1975		Ford	W Douglas -4.725						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.96
1975		Ford	W Douglas -4.725						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.96
1975		Ford	W Douglas -4.725			B White 0.436			W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.96
1975	Mar	Ford	W Douglas -4.725			B White 0.436			W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.96
1975	Feb	Ford	W Douglas -4.725						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.96
1975		Ford	W Douglas -4.725			B White 0.436			W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.96
1974	Dec	Ford	W Douglas -4.725						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.96
1974	Nov	Ford	W Douglas -4.725						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.96
1974	Oct	Ford	W Douglas -4.725						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.9
974	Sep	Ford	W Douglas -4.725						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.9
974	Aug	Ford	W Douglas -4.725						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.9
1974	Jul	Nixon	W Douglas -4.725						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.9
974	Jun	Nixon	W Douglas -4.725						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.9
974	May	Nixon	W Douglas -4.725			B White 0.436		L Powell 0.9696	W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.9
974		Nixon	W Douglas -4.725	T Marshall -2.8313		B White 0.436		L Powell 0.9696	W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.9
974	-	Nixon	W Douglas -4.725	T Marshall -2.8313		B White 0.436		L Powell 0.9696	W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.9
974		Nixon	W Douglas -4.725	T Marshall -2.8313		B White 0.436		L Powell 0.9696	W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.9
974		Nixon	W Douglas -4.725	T Marshall -2.8313		B White 0.436	P Stewart 0.4022	L Powell 0.9696	W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.9
973		Nixon	W Douglas -4.725	T Marshall -2.8313		B White 0.436	P Stewart 0.4022	L Powell 0.9696	W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.9
_											
973		Nixon	W Douglas -4.725			B White 0.436	P Stewart 0.4022	L Powell 0.9696	W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.9
973		Nixon	W Douglas -4.725			B White 0.436	P Stewart 0.4022	L Powell 0.9696	W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.9
973		Nixon	W Douglas -4.725						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.9
973	-	Nixon	W Douglas -4.725						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.9
973		Nixon	W Douglas -4.725						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.9
973	Jun	Nixon	W Douglas -4.725						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.9
973	May	Nixon	W Douglas -4.725						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.9
973	Apr	Nixon	W Douglas -4.725						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.9
973	Mar	Nixon	W Douglas -4.725						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.9
973 I	Feb	Nixon	W Douglas -4.725						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.9
973	Jan	Nixon	W Douglas -4.725						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.9
972	Dec	Nixon	W Douglas -4.725						W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.9
972	Nov	Nixon	W Douglas -4.725	T Marshall -2.8313		B White 0.436		L Powell 0.9696	W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.9
972	Oct	Nixon	W Douglas -4.725	T Marshall -2.8313		B White 0.436		L Powell 0.9696	W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.9
972	Sep	Nixon	W Douglas -4.725	T Marshall -2.8313		B White 0.436		L Powell 0.9696	W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.9
972		Nixon	W Douglas -4.725	T Marshall -2.8313		B White 0.436		L Powell 0.9696	W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.9
972	-	Nixon	W Douglas -4.725	T Marshall -2.8313		B White 0.436		L Powell 0.9696	W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.9
972		Nixon	W Douglas -4.725	T Marshall -2.8313		B White 0.436	P Stewart 0.4022	L Powell 0.9696	W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.9
972		Nixon	W Douglas -4.725	T Marshall -2.8313		B White 0.436	P Stewart 0.4022	L Powell 0.9696	W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.9
_			W Douglas -4.725 W Douglas -4.725	T Marshall -2.8313		B White 0.436	P Stewart 0.4022				
972		Nixon							W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.9
972		Nixon	W Douglas -4.725				P Stewart 0.4022	L Powell 0.9696	W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.9
972		Nixon	W Douglas -4.725			B White 0.436	P Stewart 0.4022	L Powell 0.9696	W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.9
972		Nixon	W Douglas -4.725					L Powell 0.9696	W Brennan 1.7802	W Burger 1.89	W Rehnquist 2.9
971 I		Nixon	W Douglas -4.725					L Powell 0.9696		W Brennan 1.7802	W Burger 1.89
971 I		Nixon	W Douglas -4.725					L Powell 0.9696		W Brennan 1.7802	W Burger 1.89
971		Nixon	W Douglas -4.725					L Powell 0.9696		W Brennan 1.7802	W Burger 1.89
971	Sep	Nixon	W Douglas -4.725						J M Harlan II 1.6205	W Brennan 1.7802	W Burger 1.89
971	Aug	Nixon	W Douglas -4.725						J M Harlan II 1.6205	W Brennan 1.7802	W Burger 1.89
971 .	Jul	Nixon	W Douglas -4.725						J M Harlan II 1.6205	W Brennan 1.7802	W Burger 1.89
971	Jun	Nixon	W Douglas -4.725						J M Harlan II 1.6205	W Brennan 1.7802	W Burger 1.89
971	May	Nixon	W Douglas -4.725						J M Harlan II 1.6205	W Brennan 1.7802	W Burger 1.89
971	Apr	Nixon	W Douglas -4.725						J M Harlan II 1.6205	W Brennan 1.7802	W Burger 1.89
971 I	Mar	Nixon	W Douglas -4.725						J M Harlan II 1.6205	W Brennan 1.7802	W Burger 1.89
971		Nixon	W Douglas -4.725	T Marshall -2.8313			B White 0.436		J M Harlan II 1.6205	W Brennan 1.7802	W Burger 1.89
971		Nixon	W Douglas -4.725	T Marshall -2.8313	H Black -1.7645		B White 0.436	P Stewart 0.4022	J M Harlan II 1.6205	W Brennan 1.7802	W Burger 1.89
			Douglas 1.725					- 5.01101110.11022		5.01111011 1.7-002	

Obergefell v. Hodges: June 26, 2015

Actual Decision



Alternate Decision



Citizens United v. Federal Election Commission: January 21, 2010

Actual Decision



Alternate Decision



Bush v. Gore: December 12, 2000

Actual Decision



Alternate Decision



Texas v. Johnson: June 21, 1989

Actual Decision



Alternate Decision



Roe v. Wade: January 22, 1973

Actual Decision



Alternate Decision

