# **Distribution of Disdain**

## Robert Lytle

#### 1 Introduction

The increasing affective partisan polarization since the mid-20<sup>th</sup> century is well documented (Ahler and Sood, 2018; Iyengar, Sood and Lelkes, 2012; Iyengar and Krupenkin, 2018; Mason, 2018). In accounts of partisan affect, positive feelings (warmth) towards the in-party are generally assumed to be high (e.g. Iyengar, Sood and Lelkes, 2012). In this short article I show that partisans are becoming colder towards their parties (as identified by Klar, Krupnikov and Ryan, 2018), and that this decline is accompanied by an increasingly heterogeneous distribution of in-party affect.

#### 2 Data

The data from this study were taken from the American National Election Study Cumulative Data File<sup>1</sup>. All data and replication materials will be made available on GitHub. Following(Klar and Krupnikov, 2016), the data used here *include* partisan leaning independents as members of the party towards which they lean. Versions of these figures which exclude leaners will be made available both in the appendix and on GitHub. Importantly, the topline finding is robust regardless of who is considered a partisan: **An increasing** 

<sup>&</sup>lt;sup>1</sup> https://electionstudies.org/data-center/anes-time-series-cumulative-data-file/

3 Descriptives 2

number of Democrats and Republicans, voters and nonvoters, and partisans and non-partisans are lukewarm or cold—not just towards an out-party but towards both major parties.

## 3 Descriptives

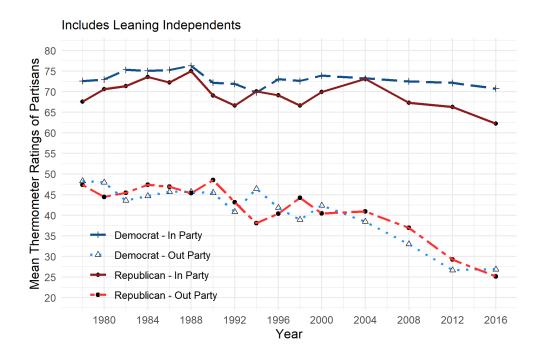


Fig. 1: Mean of Partisans' in-party and out-party feeling thermometers as reported in the ANES, 1978–2016.

As shown in Figure 1, mean out party feeling thermometers for Democrats and Republicans have obviously declined. We also a see a decline in Republican's in party FTs since 2004, and only a slight decline in those of Democrats. Partisans remain much warmer (on average) towards their party than the opposition this—particularly in the case of Republicans—is in spite of a decline in average in-party FTs.

From 2004–2016 the variance of in-party Feeling thermometers has increased. the SD of Republicans' in-party FTs increased from 14–21 in this period, while Democrats' increased

3 Descriptives 3

from 15–19. Alone, these numbers are not all that impressive, but as is made clear by Figure 2, an increase in variation of this magnitude has never before been observed, nor has the trend continued for so many years.

As variance Includes Leaning Independents increases, so to has the propor-Partisan Feeling Thermometer Standard Deviations Democrat - In Party Republican - In Party tion of partisans who rate their own party below a 50—a substantively meaningful threshold 15.0 indicating that 1980 1984 1988 1992 1996 2000 2004 2008 2012 2016 Year partisans are more

Fig. 2: Standard Deviation of partisans' in party feeling thertoward their own

party. When

Fig. 2: Standard Deviation of partisans' in party feeling thermometers as reported in the ANES, 1978–2016. The
magnitude of this increase is slight—increasing about 5 points from
2000 to 2016—but the parties are each

dents are included (following (Klar and Krupnikov, 2016)), 10% of Democrats and almost 20% of Republicans are found to be cold towards their own party (up from 5% each in 2004), while a sample which excludes leaning independents indicates 13% of Republicans and 8% of Democrats to be cold. Regardless of the cut-off point used to indicate cold affect, or the strength of partisans' identification with their party, the trend is robust—more partisans

3 Descriptives 4

were cold to their party than has been observed at any point across the available data.

Negative evaluations of parties are increasingly common. The modal value of independents' average party FT has always been 50; in the late 20<sup>th</sup> century, the distribution was characterized by a rightward tail. From 2000–2016 that tail has shifted left. Far more independents now have a net-negative disposition towards the two major parties. Similarly, when examining the distributions of in-party feeling thermometers the left skew has become more apparent; more Republicans and Democrats are now cold—below 50—toward their party than at any point in the range of data.

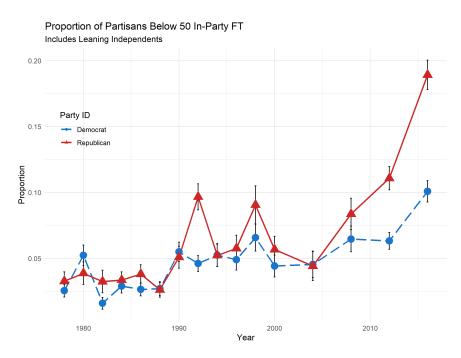


Fig. 3: The proportion of partisans who whose in-party

FT falls below 50.

The increasing frequency of cold in-party affect is shown in Figure 3. In 2004, less than 5% of Republicans and Democrats were cold toward their party, in 2016 that number increased to 10% of Democrats and almost 20% of Republicans. This trend is robust across all strengths of partisan identification

and regardless of the score we deem to indicate coldness. Additional figures will made available in the appendix.

Finally, Figure 4 displays changes in the distribution of in-party FTs over time. From 2004–2016, the left tail has grown noticeably longer and more dense. While the majority of partisans remain warmer than 50, these figures are striking.

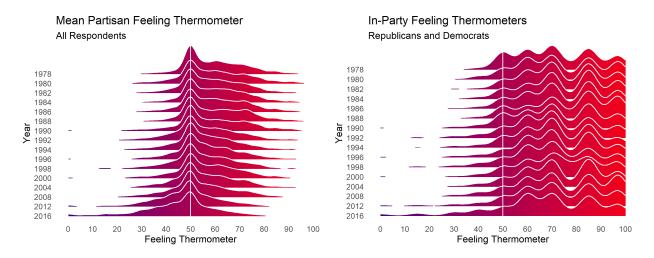


Fig. 4: Ridgeline plot of partisan feeling thermometers. Partisans' inparty/independents average FT.

### 4 Covariance

### 5 Discussion

To avoid unnecessary ambiguity that arises when discussing affect in terms of polarization,

I have opted to present

5 Discussion 6

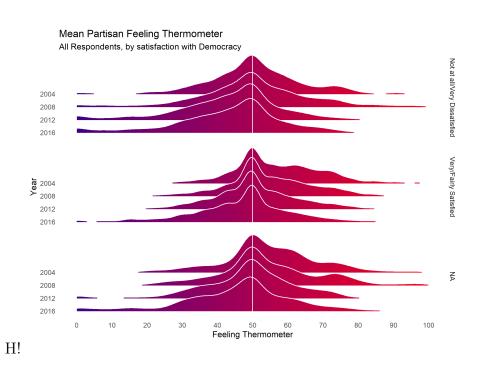


Fig. 5: Ridgeline plot of mean partisan feeling thermometers by reported satisfaction in democracy.

5 Discussion 7

### References

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