

RESEARCH ARTICLE

Lip service to liberal democracy in Western Europe?

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Abstract

Political scientists heavily rely on standard survey questions referring to “democracy” when they study citizens’ attitudes toward (liberal) democracy. However, we only know little about the way in which citizens respond to these questions. This article focuses on two frequently highlighted issues: social desirability and the consistency between citizens’ understanding and researchers’ understanding of the term “democracy.” To address these issues, I collected novel survey data via YouGov from 14,000 British, French, German, and Italian respondents. I use a list experiment to show that respondents do not feel socially pressured to misreport their support for democracy. However, what citizens have in mind when they claim to support democracy only reflects norms and institutions of minimal conceptions of democracy. Overall, this encourages the usage of questions regarding citizens’ support for democracy widely, although this should not be interpreted as the support for anything going beyond minimal conceptions of democracy (providing freedom and allowing for citizens’ influence on political decisions).

Keywords: Support for democracy; understandings of democracy; liberal democracy; list experiment; topic models

Introduction

Many studies have investigated the extent to which Western Europeans support (liberal) democracy¹, concluding that support for (liberal) democracy has been close to universal (Dalton *et al.*, 2007; Inglehart, 2003; Lagos, 2003). More recent studies discussed whether this support has waned (Foa and Mounk, 2016; Inglehart, 2016; Wuttke *et al.*, 2020), but have not found robust evidence for a decline in citizens’ support for democracy (Inglehart, 2016; Wuttke *et al.*, 2020). Other recent studies however suggest that this support is not to be taken for granted. Citizens in many liberal democracies are willing to forego infringements on liberal democracy (Carey *et al.*, 2022; Frederiksen, 2022; Gidengil *et al.*, 2021; Graham and Svulik, 2020; Simonovits *et al.*, 2022), for example in times of high polarization (Graham and Svulik, 2020) or when the infringements are conducted by their preferred government (Carey *et al.*, 2022; Gidengil *et al.*, 2021). Are citizens’ self-reported levels of support for democracy pure lip-service?² Two unresolved methodological problems could lie at the bottom of this issue: self-reported levels of

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¹Some authors explicitly speak about liberal democracy, others “only” about democracy. In the theoretical part of this study, I explain in detail where I see a difference between liberal democracy and democracy more generally.

²See Kiewiet de Jonge (2016) for a similar argument applied to Latin America.

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support for democracy might be misleading because of social desirability and untested and violated assumptions about concept-measurement consistency.³

This study presents findings from a novel survey experiment with 3,500 respondents from France, Germany, Italy, and the UK, each (total $N = 14,000$). These were representative of their country's population based on age and gender (cross-quotas applied), education, and size of locality. I use a list experiment to unravel potential problems with social desirability, and topic models to explore open-ended questions about the meaning of democracy to citizens. The design and hypotheses were pre-registered with the OSF.⁴ The survey was administered by YouGov and fielded to their online sample in early 2020, shortly before the Covid pandemic hit Europe.

First and foremost, this study shows diverse levels of support for democracy across the four countries, ranging from approximately 81 percent in Italy to 92 percent in Germany. These levels of support across countries are not further biased due to social desirability. Citizens who support "democracy" describe the meaning of "democracy" in diverse ways reflecting basic norms and institutions of electoral democracy, but only rarely think of institutions related to liberal democracy such as the rule of law, checks and balances, and the protection of minority rights. Thus, researchers should be wary of potential issues with concept-measurement inconsistency when using standard survey items referring to "democracy" in general as a proxy for citizens' support for anything going beyond a vague image of a good way of governing and ensuring freedom and participation.

These results have two important implications. First, while social desirability is most likely not an issue for researchers studying citizens' support for democracy, at least via online surveys, construct validity is a serious issue. Although what citizens think about when they hear the term democracy is most often compatible with minimal electoral conceptions of democracy, citizens mention a wide variety of different things and only rarely mention features of liberal democracy, namely checks and balances, the protection of minority rights, and the rule of law. Second, support for electoral democracy is lower than I expected in Western Europe. If we assume that citizens' attitudes toward liberal democracy are important for the stability of liberal democratic systems (Almond and Verba, 1963; Easton, 1975; Norris, 2011), this is a worrisome finding. Citizens' self-proclaimed support for "democracy," after all, should not be misunderstood as citizens' support for all (liberal) democratic institutions, but rather as a genuine support for something "good" related to the freedom, equality, and some form of government by the people.

The following section reviews literature on measurement issues when studying citizens' support for democracy, followed by the data and research design section. After presenting the results from the list experiment and the exploratory topic modeling, I discuss implications for assessing levels of contemporary support for liberal democracy.

Measuring citizens' support for liberal democracy

Survey items referencing democracy without further clarification of what this term shall mean are among the most used survey items in political science research. Because they are widely used, there has been a growing body of research regarding their comparability, their validity and potential issues with social desirability. For example, Canache *et al.* (2001), Lagos (2003), and Linde and Ekman (2003) have shown that respondents think about different things, e.g., the economy vs. political leaders, when they state how satisfied they are with how democracy works in their countries. Likewise, Canache (2012) shows that Latin Americans do not share one common understanding of what democracy means, even within countries. These different understandings have implications for the response behavior of survey participants (Canache, 2012). Similarly,

³Some of the differences in conclusions formulated across studies might be related to different countries and periods in which the surveys were fielded. In addition, Ariely and Davidov (2011) have shown that standard questions on the support for democracy can lack measurement equivalence. These issues are not the main focus of this study but will be discussed in Section 4.3.

⁴<https://osf.io/wr3kn/>

Schedler and Sarsfield (2007) find that for a substantial amount of Mexicans, support for democracy does not imply support for liberal democracy, but oftentimes support for combinations of illiberal attitudes toward minorities and features of minimal democracy. They conclude that “standard questionnaire items that ask directly and abstractly about attitudes towards democracy suffer from fundamental problems of validity. Their failure to explicate the concrete ideas and ideals respondents associate with democracy clouds their substantive meaning” (Schedler and Sarsfield, 2007, p. 637).

Not all political scientists share this pessimistic outlook on questions referring to “democracy.” Ariely and Davidov (2011) study the measurement equivalence of two scales often used to assess the degree to which respondents support democracy from the World Values Survey. Again, these items do not explicitly define democracy. Still, the commonly used scale that weights citizens’ support for democracy against their support for alternative forms of government (military, technocracy, strong leader) performs comparably across countries.⁵ In addition, both Canache (2012) and Kiewiet de Jonge (2016) argue that although citizens might have different understandings of democracy, by far most of them have an understanding compatible with minimal conceptions of democracy encompassing elections and certain freedoms.

These studies strongly focus either on countries from the Southern hemisphere or on cross-country comparisons, ignoring potential within-country variations. However, the issue that political scientists have liberal democracy in mind, while most respondents do not when they respond to questions about democracy (Schedler and Sarsfield, 2007, p. 639) might equally apply to respondents from established liberal democracies in Western Europe. In addition, liberal democracy might be more strongly normatively loaded in established liberal democracies than in new democracies. Thus, social desirability might be a real problem in studying citizens’ support for democracy in the Western hemisphere (Inglehart, 2003; Kiewiet de Jonge, 2016; Osterberg-Kaufmann *et al.*, 2020).

Concluding, to study citizens’ support for democracy based on standard survey items, the following two assumptions must hold: First, citizens must have an understanding of democracy that is compatible with the researchers’ understanding of what the item measures (concept-measurement consistency, see Goertz (2006, chapter 4)), and second, citizens must respond truthfully to this question, even if democracy might be the perceived norm in their social and political environment. Before discussing these two assumptions further, I briefly define electoral and liberal democracy, the two concepts against which to compare citizens’ understandings of democracy in the analysis.

Differentiating between electoral and liberal democracy

In this study, I use two different definitions of democracy as benchmarks against which to compare citizens’ understandings of democracy: Electoral or minimal forms of democracy and liberal democracy. The first mirrors Dahl’s definition of polyarchy: In every existent democracy, citizens must at least have the opportunity to formulate and signify preferences and to have their preferences weighted equally in conduct of government. His criteria focus on free and fair elections with universal suffrage and universal rights to be elected at least for all adult citizens, free access to information and free expression of opinions (Dahl, 1971, p. 3). This definition is also mirrored, *inter alia*, in definitions proposed by Collier and Levitsky (1997, pp. 433–4) and Przeworski *et al.* (2000). Most importantly, these minimal definitions do not mention checks and balances, nor the protection of minority rights - unless subconsciously subsumed under civil liberties - nor the rule of law.

Liberal democracy is considered to be a sub-type of minimal democracies with additional features: the rule of law, the protection of minority rights, and effective checks and balances

⁵Another scale tapping into the concept of satisfaction with how democracy works suffers from measurement variance across countries.

(Coppedge *et al.*, 2018, p. 38-9; Diamond, 1999, pp. 1–19). Thus, references to liberal democracy could entail things such as equality before the law, independent courts, the separation of powers or specific minority rights. Of course, an understanding of democracy that is incompatible with liberal democracy is not necessarily incompatible with electoral democracy. For example, some respondents claimed that in democracies, governments should do what a majority of the population wants - irrespective of minority positions. Although this statement is incompatible with liberal democracy, it is not in itself incompatible with electoral democracy. The opposite is however true: An understanding of democracy that is incompatible with electoral democracy cannot be compatible with liberal democracy. Thus, positive references to electoral democracy should not be taken as evidence for citizens' support for liberal democracy, but only as evidence for citizens' support for electoral democracy.

Civil liberties form a borderline case, mostly because it remains unclear what the speaker subsumes under civil liberties. Civil liberties such as freedom of the press, assembly or speech are obviously necessary criteria for any scientific understanding of democracy. However, the protection of minority rights, such as rights for religious minority groups or gay rights are not defining elements of minimal democracies, as long as these minority groups have an equal chance of participating in political decision-making processes. For example, a democratically elected government could conduct a legal referendum and follow the majority decision from this referendum to ban Mosques from city centers. This would clearly violate the freedom of religious minorities to worship in Western Europe but does not per se restrict their rights to participate in free and fair elections and to hold governments accountable, for example by protesting against such measures. Thus, this decision would violate standards of liberal, but not electoral democracy.⁶

These are not necessarily the definitions used by previous researchers investigating the extent of support for (liberal) democracy in Western Europe. Dalton *et al.* (2007), for example, have not differentiated clearly between minimal and liberal conceptions of democracy. However, this differentiation is fruitful, since most contemporary democracies are liberal democracies rather than direct or other types of democracies. While support for free and fair elections might be quite universal, that does not necessarily mean that citizens also support constraints on the majority will to be formulated in these elections, such as judicial independence or minority rights for which there is no majority support. I furthermore only focus on electoral and liberal democracy because a lack of support for direct or other forms of democracy might not affect the stability of liberal democracies, but a lack of support for liberal elements of democracy might undermine liberalism, and a lack of support for electoral democracy could be detrimental to any democratic institution in Western Europe (Almond and Verba, 1963; Easton, 1975; Norris, 2011).

Concept-measurement consistency

Democracy is a contested concept (Collier and Daniel Hidalgo, *et al.*, 2006; Gallie, 1969), defined differently by different researchers (Collier and Levitsky, 1997) and citizens of different Western European countries (Dalton *et al.*, 2007; Ferrín and Kriesi, 2016; Hernández, 2016). This has implications for the conclusions that we can draw from survey research. At the same time, most studies on the level of citizens' support for democracy fall back to the standard questions used in large cross-country surveys such as the European Social Survey and the World Values Survey that refer to "democracy" in general without further specifying what the term means.

Problems with measurement equivalence have been found to affect the comparability of levels of support for democracy across countries because citizens from different countries seem to understand the question differently (Ariely and Davidov, 2011).⁷ However, problems might even

⁶This does not imply that I, personally, deem liberal democracy less important than electoral democracy. I also do not argue that minority rights should not be protected in democracies. In fact, I consider myself to be a liberal democrat. But many citizens might have different understandings, and it is their understandings of democracy I am interested in.

arise in studies focusing on single countries. In this case, it is not only measurement equivalence we should worry about, but concept-measurement consistency (Goertz, 2006, chapter 4; Schedler and Sarsfield, 2007): When citizens claim to support democracy, it remains unclear whether they speak of the same thing as we do, as researchers. Citizens might genuinely believe that they support democracy but have an understanding of democracy that is not in line with scientific concepts of democracy (Schedler and Sarsfield, 2007; Ulbricht, 2018).

Previous research provides mixed evidence about Western Europeans' understanding of democracy. Studies based on data from the European Social Survey suggest that support for liberal democracy is widespread in Western Europe (Ferrín and Kriesi, 2016; Kriesi *et al.*, 2016). However, Western Europeans' understandings of democracy also vary across countries (Dalton *et al.*, 2007; Ferrín and Kriesi, 2016; Hernández, 2016) and at least some Western Europeans have understandings of democracy that are clearly not in line with liberal democracy (Alonso, 2016; Grossman *et al.*, 2022; Kirsch and Welzel, 2018; Malka *et al.*, 2020; Miller, 2017; Ulbricht, 2018; Wuttke *et al.*, 2020). Based on the overall results of these studies, it remains unclear to what extent we have wrongly assumed that citizens think of something compatible with minimal conceptions of democracy, or even liberal democracy when they claim to support democracy. I therefore test for:

Concept-measurement inconsistency

*Western Europeans do not have the same thing in mind when responding to questions about democracy, even within countries, and they only rarely think of liberal democracy.*⁸

Social desirability

Alternatively, some citizens might feel socially pressured to state that they support democracy although they know and feel they do not. This has been an ongoing concern of political science research (Blair, Coppock, *et al.*, 2020; Inglehart, 2003; Kiewiet de Jonge, 2016; Osterberg-Kaufmann *et al.*, 2020), especially since Kiewiet de Jonge (2016) has shown that support for democracy is overstated in many Latin American democracies, although the bias is substantially small. Social desirability might be even more effective in Western European liberal democracies where liberal democracy is long established and the perceived norm. I therefore test for:

Social desirability

*Western Europeans' self-reported support for democracy is higher when they are asked directly, compared to when they are asked indirectly through a list experiment.*⁹

Additionally, Karp and Brockington (2005) and Kim and Kim (2016) found differences in the extent of a social desirability bias in respondents' self-reported turnout rates across different countries. They claim that social desirability for a given question can be an issue for some countries more than for others, potentially leading to wrong conclusions if only investigated across countries in the aggregate. The extent to which respondents are biased because of social desirability when reporting their support for democracy might thus differ across countries. Hence, a study investigating the extent to which responses are biased due to social desirability needs to test for social desirability in different countries.

⁷Measurement equivalence is well studied by Ariely and Davidov (2011) and therefore not the focus of this study.

⁸This problem has been pre-registered as a hypothesis. Its wording has been changed substantially to reflect the focus of this study on potential problems rather than on expectations. The logic behind and the analysis of this problem has not been changed since the pre-registration. See Online Appendix A.

⁹This problem has been pre-registered as a hypothesis. Its wording has been slightly adapted in comparison to the pre-registration for readability. The content, including the direction, has not been changed. See Online Appendix A.

Data and research design

I use novel survey data from 3,500 respondents from France, Germany, Italy, and the UK (total $N = 14,000$). The survey was conducted online as part of a larger research project¹⁰ via YouGov between January 22, 2020 and February 5, 2020. Respondents represent their national population regarding their age and gender (cross-quotas applied), as well as their educational background and the size of the locality they live in (see Online Appendix C). The survey that includes a list experiment has received ethical approval from the Research Ethics Committee of the Faculty of Management, Economics and Social Sciences of the University of Cologne. The analysis has furthermore been pre-registered with the OSF (<https://osf.io/wr3kn/>, see also Online Appendix A).

The country selection is a convenience sample based on the countries included in the larger research project. Nonetheless, the selected countries vary in the expected support for and understanding of democracy among Western Europeans. Regarding the importance that citizens attributed to living in a democracy in 2012, responses to the ESS wave 6 show a mean of 8.21 ([8.10; 8.33]) for French respondents, and a mean of 8.38 ([8.27; 8.48]), 9.00 ([8.93; 9.07]), and 8.72 ([8.57; 8.86]) for British, German, and Italian respondents, respectively.¹¹ If we look at all Western European countries included in the ESS wave 6¹², France shows the third lowest mean importance of living in a democracy (rank 13 out of 15), the UK ranks 12th, Italy 8th, and Germany 6th out of 15 Western European countries (see Table F.6, Online Appendix F). Responses to the ESS wave 6 also show significant variations regarding the understanding of democracy that citizens had in 2012. For example, Italian respondents attribute more importance to referenda than citizens from France, Germany, or the UK (see Online Appendix F).

The country selection does not allow to draw conclusions for the whole of Western Europe, let alone all democracies, but it increases the variance in expected levels of support for liberal democracy and in citizens' understandings of democracy across Western European countries. I, therefore, assume that problems with social desirability and concept-measurement inconsistency found in all or some of the countries under study will reflect similar issues for studying citizens' democratic attitudes in other Western European countries.

Social desirability bias: list experiment

Respondents' self-reported support for democracy has been measured in different ways (Lagos, 2003). These different measurements of support for democracy ask respondents to what extent they think having a democratic system is good or bad and sometimes compare democratic systems to authoritarian or undemocratic systems (see Online Appendix G for a list of them). These different questions might suffer from social desirability to different degrees.

List experiments have been widely used to detect social desirability biases in survey responses because they give respondents the possibility to hide their true preferences while simultaneously allowing researchers to assess the level of support for a sensitive statement among subgroups of respondents (Blair and Imai, 2012; Glynn, 2013). However, they tend to be biased if they are used for assessing social desirability in responses to questions that are often affirmed (Kiewiet de Jonge and Nickerson, 2014). In our survey, respondents were thus asked whether they agree or disagree with the statement "It would be better if [country] would not be a democracy." In contrast to the statements above, this statement only asks about citizens' attitudes toward democracy, without

¹⁰"Rebels in Representative Democracy," funded by the Fritz Thyssen Foundation

¹¹Responses were measured on a scale from 0 to 10. Means are adjusted for analysis weights as suggested by the ESS team (Kaminska, 2020). Parentheses show 95% confidence intervals.

¹²Belgium, Denmark, Finland, France, Germany, Great Britain, Ireland, Iceland, Italy, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland.

conflating them with their attitudes toward authoritarianism.¹³ In addition, this is quite a blunt statement, and thus a most likely scenario for social desirability biases.

Table 1 shows the experimental design. Respondents were assigned randomly into one of three groups. (1) one-fifth of respondents were asked directly whether they agree or disagree with four statements, one of which measures support for undemocratic political systems: “It would be better if [country] would not be a democracy.” (2) About two-fifths of respondents were asked to state how many out of three statements they agree with. These respondents were not asked about their agreement with the undemocratic statement. (3) The remaining two-fifths of respondents were asked to state how many out of four statements they agree with. Since these respondents saw one statement more than the second group, the percentage of respondents who agree that it would be better if their country of residence would not be a democracy can be measured by subtracting the mean number of responses in group 2 from the mean number of responses in group 3 (Glynn, 2013).

This percentage of respondents reflects the ‘true’ percentage of respondents who agree with the undemocratic statement if certain conditions are met. First, random assignment of the respondents to the experimental groups must be guaranteed (Blair and Imai, 2012). Second, responses to three additional statements should be unaffected by whether respondents see the undemocratic statement (no design effects) (Blair and Imai, 2012). Third, statements should be chosen in a way that they avoid situations in which respondents fear to reveal their preferences because they either agree with all or with none of the statements (no ceiling or floor effects) (Blair and Imai, 2012; Glynn, 2013). Respondents in groups 2 and 3 were additionally asked how many of the statements they disagreed with to decrease under-reporting in list experiments (Tsuchiya and Hirai, 2010). Furthermore, the sensitive statement was worded negatively to avoid overestimations of the social desirability bias (Kiewiet de Jonge and Nickerson, 2014).

Concept-measurement consistency: understandings of democracy

To test whether there are issues with concept-measurement inconsistency in questions about democracy, I ask respondents “Generally speaking, what does ‘democracy’ mean to you? There are no right or wrong answers. If you want to, you can list multiple things.” I use an open-ended question since this question format influences respondents’ understanding of what democracy means the least. It is therefore well suited to grasp what respondents think of when they speak about democracy (Ariely and Davidov, 2011; Frankenberg and Buhr, 2020; Osterberg-Kaufmann *et al.*, 2020) and will also provide insights into other situations in which the term democracy is used in surveys without introducing it.

I first translate non-English responses to English with DeepL.¹⁴ I then analyze responses using topic models with Latent Dirichlet Allocation (LDA), a method to quantitatively cluster words into topics based on their co-appearance in documents (Jelodar *et al.*, 2019; Roberts, Stewart, Tingley, and Benoit, 2018; Roberts *et al.*, 2014). This method has been designed for exploring texts such as survey responses (Roberts *et al.*, 2014) and will explore which words respondents often mention together, irrespective of whether it ‘makes sense’, theoretically speaking, to mention these words together. These different clusters provide insights into the understandings of democracy respondents have, and if they are highly diverse, also into potential issues with concept-measurement inconsistency.

Since researchers need to choose one topic model with a specific number of topics K , I follow the recommendations by Grimmer and Stewart (2013) and Roberts, Stewart, Tingley, and Benoit

¹³Some citizens might oppose both authoritarianism and democratic rule if they do not consider these to be antagonistic systems, either because their response behavior is not consistent or because they belong to the small sub-set of anarchist respondents.

¹⁴Translations were checked and manually corrected in some instances by the author.

Table 1 Design of list experiment

Open questions	List experiment: control group	List experiment: treatment group
Do you agree or disagree with the following statement?	<u>How many</u> of the following statements do you agree with? And <u>how many</u> of the statements do you disagree with? Please <u>do not</u> tell us which statements you agree with but merely how many.	<u>How many</u> of the following statements do you agree with? And <u>how many</u> of the statements do you disagree with? Please <u>do not</u> tell us which statements you agree with but merely how many.
1) Fighting climate change should be one of the priorities of [country] politics.	1) Fighting climate change should be one of the priorities of [country] politics.	1) Fighting climate change should be one of the priorities of [country] politics.
2) U.S. president Trump's decision to reduce cooperation between the USA and other countries was a good decision.	2) U.S. president Trump's decision to reduce cooperation between the USA and other countries was a good decision.	2) U.S. president Trump's decision to reduce cooperation between the USA and other countries was a good decision.
3) Living in another country for a while should be mandatory for every [country] student to get to know different cultures.	3) Living in another country for a while should be mandatory for every [country] student to get to know different cultures.	3) Living in another country for a while should be mandatory for every [country] student to get to know different cultures.
4) It would be better if [country] would not be a democracy.		4) It would be better if [country] would not be a democracy.

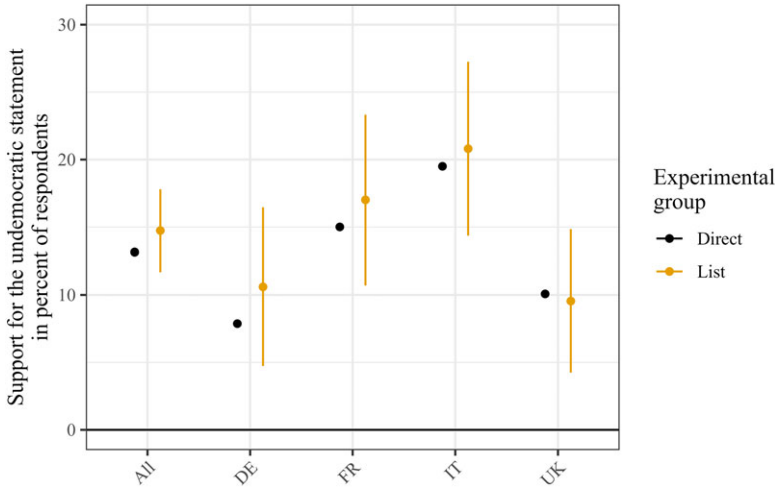


Figure 1. Social desirability bias in self-reported levels of support for democracy in France, Germany, Italy, and the UK.

(2018) to select the appropriate K based on quantitative metrics for model fit. A detailed description of the model tuning and selection is provided in the Online Appendix I. Most importantly, I excluded responses with words that only appeared once or were shorter than three characters. For each topic, LDA provides an expected proportion for each open-ended response. Thus, LDA estimates the percentage of a document that is devoted to each of the topics. I planned to categorize the derived topics into different categories, most importantly into a liberal democratic and a general democratic category: (1) Topics are *liberal democratic* if they refer to any of the defining elements of a liberal democratic understanding that goes beyond the defining elements of electoral democracy. (2) Topics are *democratic* as long as they do not contradict democracy more generally or a liberal democratic understanding. However, respondents do not make this distinction, and so neither do the topics.

Results

The following subsections will first present results from the list experiment to test for social desirability, and then discuss what citizens have in mind when they state to (not) support democracy. Section 4.3 will briefly conclude, make recommendations for the usage of cross-country survey items referencing “democracy” without further clarifications, and finally discuss potential limitations and unaddressed issues.

Social desirability bias in responses of Western Europeans

Figure 1 shows the agreement with the undemocratic statement for each of the countries under study, once directly measured and once measured using the list experiment. The 95 percent confidence intervals for the list experiment are based on a Welch two-sample t-test of the difference in the mean number of statements agreed with in the control and in the treatment groups. I do not provide confidence intervals for the direct measure since the standard error of dummy variables is a direct function of the proportion of ones and zeros and does not reflect certainty of the point estimate. However, I test whether there is a significant difference between the average levels of support for the undemocratic statement in the direct and in the list experiment

groups based on a one-sample t-test for whether the mean direct support is significantly lower than the ‘true’ support from the list experiment.¹⁵

First and foremost, agreement with the undemocratic statement varies considerably across the four selected countries. While agreement with the undemocratic statement is low in Germany and the UK, it is higher in France and Italy. When asked directly, about 7.87 percent of German, 10.08 percent of British, 15.01 percent of French, and 19.50 percent of Italian respondents stated that it would be better if their country would not be a democracy. When asked through a list experiment, the percentages were 10.60 (DE), 9.55 (UK), 17.01 (FR), and 20.81 (IT), respectively. These differences are not significant. Thus overall, respondents in each of the four countries do not feel socially pressured to state their support for democracy, at least in online surveys. Irrespective of the measurement strategy, over 15 percent of French and Italian respondents declare their lack of support for democracy, openly.

The results do not provide evidence for the existence of a social desirability bias. Neither are self-reported levels of support for democracy lower for respondents asked directly than for respondents who can hide their true preferences in list experiments, nor is social desirability more of a problem in one of the countries than in the other countries under study. Online Appendix H shows that the assumptions for list experiments to yield valid results are met.

Understandings of democracy among Western Europeans

But what do respondents have in mind when they respond to questions about democracy, especially those respondents who state that they do support democracy? Table 2 describes the topics from the selected topic model.¹⁶ The underlying LDA model clusters words into topics based on the co-appearance of words in each of the open-ended responses. Thus, by structuring the text, the topic model allows us to explore what “democracy” means to respondents. For each topic, Table 2 shows the topic number, the seven words that predict the topic best and the expected proportion of each of these topics in all responses.¹⁷ Due to their length, the related responses are only shown in Online Appendix I but should be equally considered for interpreting each of the topics.

Respondents have diverse things in mind when they describe what “democracy” means to them. Most of the topics contained in their responses are descriptions of the term “democracy” that are clearly in line with an electoral understanding of democracy. Topic 1 (Electoral democracy) describes the role of citizens in elections along the lines of “one man, one vote,” “people voting,” and “the highest number of votes win the vote.”¹⁸ Topic 2 (Everyone has say) is used by respondents who point out that in a democracy, everyone has a say “in how the country is run”. Topic 3 (Civil liberties) compounds several freedoms such as the freedom of the press, assembly and religion. Topic 4 (Elected politicians make policies) focuses on the role of political elites in democratic decision-making processes, most notably on the role of parliamentarians. Their policies should be enacted “for the greater good” or in line with the will of the “general public”. Topic 6 (Gov by the people) clearly describes respondents that mention that in a democracy, “it is the people who rule through their elected representatives.” Topic 8 (Equal rights & opportunities) refers to the idea that individuals have the “same rights and duties.” Topic 10 (Freedom of opinion & speech) describes responses that mention that in a democracy, people are able to “speak out freely,” “without being punished or censored,” and that “you can live [. . .] as you want.”

¹⁵I use standard levels of significance with $\alpha = 0.05$.

¹⁶Text pre-processing, model selection and the topics are described in Online Appendix I.

¹⁷LDA assigns expected topic proportions to single responses based on the words that appear in the responses. The values shown in Table 2 are mean values for the expected topic proportions across all responses.

¹⁸Documents with the highest expected proportion for this topic also mention negotiations and co-determination often.

Table 2 Description of selected topics

#	Title	Most predictive word stems	Proportion
1	Electoral democracy	win, man, none, fight, vote, stand, condit	7.38 %
2	Everyone has say	have, where, voic, view, heard, how, run	9.93 %
3	Civil liberties	freedom, express, free, respect, speech, choic, thought	16.48 %
4	Elected politicians make policy	major, decis, decid, must, public, parliament, made	7.49 %
5	Melange	power, polit, dont, know, which, form, state	8.30 %
6	Gov by the people	govern, repres, rule, account, peopl, chosen, regular	13.51 %
7	Not existent (today)	mean, onli, dictatorship, doe, everyth, itali, case	9.36 %
8	Equal rights & opportunities	right, all, equal, everi, same, opportun, duti	10.06 %
9	Does not work	noth, mani, need, like, inform, longer, french	7.06 %
10	Freedom of opinion & speech	one, abl, you, without, own, want, idea	10.42 %

Notes: Words per topic selected based on frequency and exclusivity (frex). Sample responses are shown in Online Appendix I.

However, some of the responses feature quite negative references to democracy. Topic 7 (Not existent (today)) flags responses that are highly skeptical about the implementation of democracy in Western Europe. For example, one respondent mentioned that “Democracy is a big word with a comprehensive meaning, but in Germany it is more appearance than reality.” Similar to Topic 7, Topic 9 (Does not work) features highly skeptical responses. In contrast to Topic 7, this topic focuses more on elements why democracy cannot work in the first place. For example, one respondent mentioned: “Sadly, I cannot trust the majority of voters when it comes to making complex decisions.”¹⁹

In line with findings by Ariely and Davidov (2011), Figure 2 shows that the prevalence of topics in open-ended responses varies quite substantially across the set of countries under study.²⁰ Responses from British respondents seem to differ most from other responses. For example, 13.76 percent of British responses mention that everyone should have a say (Topic 2), but only 8.94 percent of French, 8.70 percent of German, and 8.32 percent of Italian responses do so. Similarly, 18.04 percent of French, 17.92 of German, and 18.71 percent of Italian responses refer to Civil liberties (Topic 3), but only 11.45 percent of British responses do so. This re-iterates issues with cross-country differences in the meaning that citizens attribute to the term “democracy” (see for example Ariely and Davidov (2011)).

What is clearly lacking are strong references to institutions of liberal democracy, namely the rule of law, the protection of minority rights, and the separation of powers. A large proportion of respondents mentions ideals and institutions defining electoral democracy, but only one topic touches upon liberal democratic institutions: Equal rights and opportunities (Topic 8) are connected to the idea that citizens are equal before the law, an important element of the rule of law. 9.68 percent of French, 9.44 percent of German, 8.60 percent of Italian, and 9.86 percent of British responses refer to this topic. As shown in Online Appendix I.2, respondents who tend to mention Topic 8 do not tend to mention Topics 4 (Elected politicians make policy), 5 (Melange), 6 (Gov by the people), 7 (Not existent) and 9 (Does not work), suggesting that citizens who refer to equal rights and opportunities are less likely to speak negatively about democracy and less likely to refer to the government by the people than respondents who do not mention Topic 8.

Most interesting, of course, are the understandings of democracy that citizens have who claim that they support democracy, if we are interested in the usefulness of survey items asking about

¹⁹Topic 5 seems to encompass a variety of things mentioned. Since it is hard to interpret what exactly this topic describes, it will be ignored in the following analyses.

²⁰The Figure plots marginal means and their 95 percent confidence intervals from a linear regression of each of the topics on the country of residence, including citizens’ age, sex, level of education, size of locality, political knowledge, and left-right self-placement as control variables and population weights (see Online Appendix B for a description of the control variables, and Online Appendix I.3 for the regression results). These marginal means can be interpreted as the expected proportion of each topic in responses from each country.

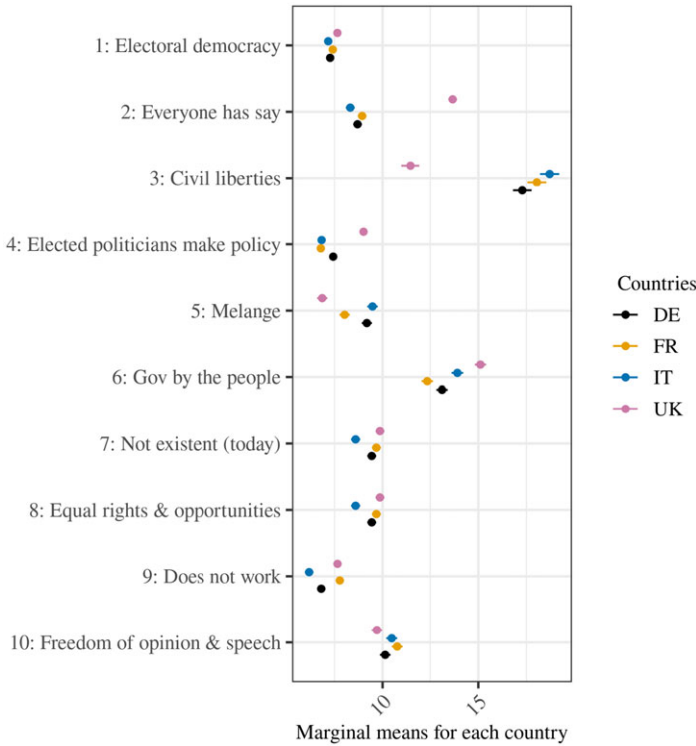


Figure 2. Topic proportions among responses from different countries. *Notes:* Marginal means are measured at the country level and based on linear regressions of the expected topic proportions for each topic and document on the age, sex, level of education, size of residential locality, political knowledge, and left-right self-placements of respondents, including population weights provided by YouGov.

“democracy” in general. Figure 3 compares the prevalence of topics for respondents who directly state that it would be better if their country of residence would not be a democracy with the prevalence of topics in responses by people supporting democracy.²¹ Citizens supporting democracy are more likely to mention one of the substantial topics such as Everyone having a say (Topic 2), Civil liberties (Topic 3), and Freedom of opinion & speech (Topic 10), and substantially less likely to mention any of the negative Topics 7 or 9. Among those supporting (not supporting) democracy, 10.09 percent (8.96 percent) of the responses mention that everyone has a say, 17.11 percent (13.19 percent) feature Civil liberties, 10.60 percent (8.73 percent) refer to Freedom of opinion & speech, 9.11 percent (11.62 percent) claim that democracy does not exist, and 6.71 percent (10.10 percent) state that democracy does not work (see Online Appendix I.4 for the regression results). Hence, citizens who claim to support democracy think about norms and institutions related to minimal electoral conceptions of democracy but do not think about liberal democracy.²²

²¹Again, the marginal means are based on a linear regression of each topic’s prevalence on a set of control variables, including population weights but no country fixed effects due to the low number of respondents overall being asked directly about their support for the undemocratic statement.

²²Notice that citizens supporting the undemocratic statement are more likely to mention Equal rights & opportunities (Topic 8). As discussed above, the prevalence of Topic 8 correlates negatively with the prevalence of the negative Topics 7 and 9. This hints toward two different types of respondents endorsing the undemocratic statement: one group also describes democracy in clearly negative ways, while the other one focuses on a substantive description closely related to the rule of law. It is beyond the scope of this article to explore these two different groups further.

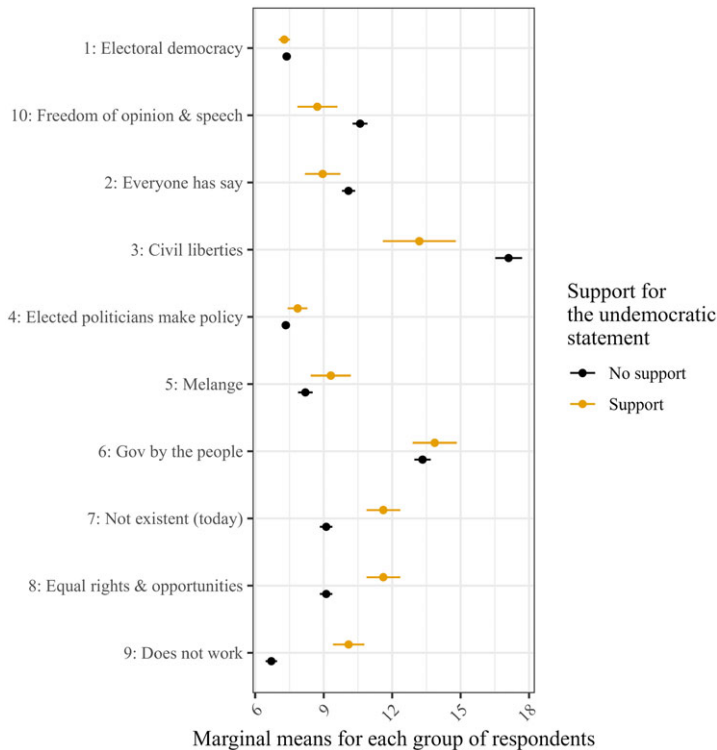


Figure 3. Topic proportions among responses from respondents who support or do not support the undemocratic statement when asked directly. *Notes:* Marginal means are based on linear regressions of the expected topic proportions for each topic and document on the age, sex, level of education, size of residential locality, political knowledge, and left-right self-placements of respondents, including population weights provided by YouGov.

Summarizing, only a few citizens seem to have specific liberal democratic institutions such as the rule of law, checks and balances, or the separation of powers in mind when they respond to questions about democracy without further qualifications. Although this does not necessarily mean that they would not agree that liberal elements of democracy such as the rule of law are important when directly asked about them, it shows that these are not the elements that citizens think of first when thinking about ‘democracy’. When they state that they support democracy, we cannot take for granted that they mean liberal democracy. What they think about are norms and institutions related to electoral democracy.²³ Although quantifying the number of citizens with certain understandings of democracy is difficult based on the data that I use, the findings presented in this sub-section lend support to the problem of concept-measurement inconsistency, the problem that citizens’ understandings are quite diverse even within countries and only rarely reflect scientists’ conception of liberal democracy.

Other measurement issues and limitations

Of course, other issues than social desirability and concept-measurement inconsistency might complicate the study of Western Europeans’ democratic attitudes, especially across time, countries and surveys. First and foremost, it might be that citizens have recently changed their democratic

²³Either, citizens do not consider liberal democratic elements as important as other elements, or they are less likely to think of them when thinking about the meaning of democracy due to a reason not controlled for by the research design.

attitudes, signaling that democratic attitudes are much more unstable than previously assumed, and that differences found in different studies were merely period effects without strong theoretical implications. Literature on trends in the support for democracy among citizens worldwide do not suggest that levels of support for democracy measured with items similar to the ones discussed here are spurious (see for example Wuttke *et al.* (2020)). Recently published data from wave 10 of the ESS allows us to compare the understandings of democracy of French respondents in 2012 and 2022.²⁴ For most items, French respondents have not changed their response behavior between 2012 and 2022. However, they became slightly more likely to state that it is important that the media is free to criticize the government and that parties offer alternatives, and slightly less likely to state that it is important that citizens have the last say through referenda (see Online Appendix F). This does not suggest that citizens' attitudes toward democracy are spurious or change rapidly over time.

Measurement variance is another issue when asking citizens about their attitudes toward democracy (Ariely and Davidov, 2011; Davidov *et al.*, 2014). While measurement equivalence is needed to compare average results from respondents across time and countries (or across groups in general), problems with concept-measurement inconsistency signal that citizens and researchers only rarely have the same thing in mind when thinking about democracy, even if they come from the same country. Nonetheless, the results presented in Figure 2 suggest that measurement variance, too, is an issue. The topic proportions are often-times substantially and significantly different for respondents from different countries. This corroborates findings by Ariely and Davidov (2011) who warrant against comparing levels of support for democracy across countries without further assessments of measurement equivalence.

Furthermore, it might be that our sample, out of bad luck, misrepresents citizens of each of the countries considerably. The sample mirrors the population aged 18 and older as described by the EUROSTAT data from 2011 in each of the countries with regard to age and gender (cross-quotas), educational achievement, and the size of the locality that respondents live in with two exceptions: lower educated citizens are under-represented in France, Italy, and the UK. Citizens from larger cities are over-represented in Germany and Italy, and under-represented in the UK. The cross-country comparison of topics in open-ended responses has taken these differences into account by using population weights provided by YouGov. When weighting the mean support for democracy in each of the countries under study using the same weights, results remain stable, too (see Online Appendix D).²⁵

The sample also mirrors data from the Eurobarometer (EB) and the ESS in terms of respondents' left-right positions (see Online Appendix E). However, especially French respondents in our sample are more likely to report low levels of trust in parties and politicians than French respondents in the EB and the ESS (see Online Appendix E). Vote intentions, too, do not seem to reflect vote intentions in polls conducted during my field period and collected by Europe Elects (europeelects.eu) and Wikipedia. When comparing vote intentions for British, German, and Italian citizens²⁶, supporters of the AfD, the Greens, and the Left, as well as supporters of 5 Stelle and Lega are over-represented. Supporters of other German and Italian parties are under-represented. Supporters of the Scottish National Party are slightly over-represented, while supporters of other larger British parties are under-represented. Re-weighting the average support for democracy in Germany, Italy, and the UK using the support for parties in

²⁴At the time of writing, the ESS wave 10 data has not yet been published for Germany, Italy, and the UK.

²⁵The exception is the list experiment group in Italy. The weighted support for the undemocratic statement is substantially higher when applying weights than without these weights. However, applying the same type of weights to Italian responses to the direct question does not increase Italians' support for the undemocratic statement. This is not an artifact of Italians with higher or lower weights or other observable differences being sampled into different groups. Since direct responses are not affected by weighting, it rather points toward some unobserved differences across list experiment and control groups in Italy rather than toward a social desirability effect (see Online Appendix D).

²⁶Data for French citizens is, to my knowledge, not available.

polling data leads to similar averages across countries; in Germany, 7.51 percent, in Italy, 18.92 percent and in the UK, 7.26 percent of respondents agree with the statement that it would be better if their country would not be a democracy when applying party weights and when asked directly. The drop in support for the undemocratic statement in the UK is driven by a large proportion of respondents who do not support democracy *and* do not indicate a vote choice (see Online Appendix E), and therefore, data that takes only British party supporters into account is more heavily biased than data presented in the main analysis. Levels of support for democracy therefore do not seem to be strongly affected by this misrepresentation of party supporters. However, the under-representation of center mainstream party supporters in our sample may substantially affect the distribution of understandings of democracy in the data.

Besides measurement and sampling issues, issues could also arise from the usage of data from online panels. The results presented here are based on an online survey, conducted with a random selection of YouGov's online panelists into the quotas set. While data quality from surveys conducted with different online panels varies substantially across providers (Smith *et al.*, 2016), the YouGov panel has been found to be of high quality (Twyman, 2008). Most importantly, panelists were randomly invited to our survey. They could opt-out, but not self-select into it. High-quality online panels have been found to mirror the quality of established surveys such as the ESS (Cornesse and Blom, 2020; Revilla, 2012; Revilla *et al.*, 2015), although a professionalization of panelists increases the likelihood to get data from more motivated and engaged respondents (Zhang *et al.*, 2020). For the results presented here, this suggests that respondents might have provided longer responses to the open-ended questions, and might have thought longer about the meaning of democracy than "common" citizens or respondents to surveys not recruiting from panels.

Irrespective of data quality, respondents to self-administrative surveys, including online surveys, have been found to be less prone to report socially desirable responses than respondents to interviewer-administrated surveys (Kreuter *et al.*, 2009), although some of the differences found might be due to sampling errors across studies (Dodou and de Winter, 2014). This suggests that the null findings reported here might not necessarily apply to surveys using face-to-face interviews.

Conclusion

The results presented in this article are promising and worrisome at the same time. First and foremost, researchers using standard survey items referring to "democracy" in general can now be more confident that social desirability is not biasing the responses. However, what citizens have in mind who claim to support democracy are by far not institutions of liberal democracy that are, for example, often the target of studies using survey experiments (Carey *et al.*, 2022; Frederiksen, 2022; Gidengil *et al.*, 2021; Graham and Svulik, 2020; Simonovits *et al.*, 2022). Furthermore, citizens across countries differ in the way in which they think about democracy, again highlighting issues with measurement variance across countries (Ariely and Davidov, 2011).

Although we should not take citizens' support for "democracy" as evidence that the same citizens support institutions such as the independence of courts or the protection of minority rights, we can take their self-proclaimed support for democracy as evidence for a general support of norms and institutions related to minimal conceptions of electoral democracy. This support might also be the reason why authoritarians today do not openly declare their 'anti-democraticness', but frame their attempts at democratic backsliding as democratic, as for example, the USA Republicans did by undermining the credibility of elections as "stolen," or Orban did by campaigning for "illiberal democracy" rather than for the abolishment of democracy.

Moreover, this study has provided important substantial insights into the extent of Western Europeans' support for democracy and the variance in their understanding of democracy. Levels of support for democracy are lower in France and Italy than in Germany and the UK. In addition, in none of the countries do citizens mostly think of liberal democracy when they state that they support democracy. Thus, levels of support for democracy seem to rather reflect support for electoral democracy than support for liberal democracy. Assuming that citizens' support for liberal democracy is vital for electoral and liberal democracies (Almond and Verba, 1963; Easton, 1975; Norris, 2011), a lack of support for electoral democracy among up to 20 percent of citizens should be worrisome.

When studying citizens' democratic attitudes, researchers should therefore carefully discuss and think about their own conceptualization of democracy and the extent to which they can expect responses to reflect this conceptualization. When using available data on citizens' democratic attitudes based on questions referring to democracy in general, we should be careful not to interpret self-reported support for "democracy" as support for specific democratic institutions. Researchers might be able to use answers to more specific questions about citizens' preferences for institutions such as the ones provided by the ESS wave 6 to control for citizens who claim to support democracy but have a different understanding of democracy than the researcher.

Replication package. Data, materials, and analysis code are available at <https://osf.io/wr3kn/>.

Supplementary material. The supplementary material for this article can be found at <https://doi.org/10.1017/S1755773924000079>.

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