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Personal or Impersonal Evaluations? Political Sophistication and Citizen Conceptions of the Democratic Process

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Abstract

An energetic scholarly debate discusses possible reforms of representative democracy. Some support participatory forms of democracy, others a more elite-driven or technocratic democracy. This study contributes to the growing literature on the subject by emphasizing political sophistication as a theoretically relevant predictor of attitudes to democracy: different models of democracy make different demands regarding the political sophistication of citizens. The analysis includes two dimensions and three measures of sophistication: personal sophistication measured as political knowledge and internal efficacy, and impersonal sophistication measured as assessment of others' political competence. Using the 2011 Finnish National Election Study, we find that perceptions of the sophistication of others have a substantial impact on preferences for political decision-making, and that politically sophisticated people support representative democracy. The analysis shows that perceptions of others' political competence, which has been largely neglected by previous research, is a both theoretically and empirically relevant predictor of preferences for political decision-making processes.

Keywords: political sophistication; internal political efficacy; the generalized other; representative democracy; participatory democracy; technocratic democracy

There are different ideal models of democracy (Held 2006) with distinct views on the role of citizens in a democratic system. Different conceptions of democracy have highly contrasting views on what is the best way to organize democracy and what role citizens ought to play in it (Cronin 1989). Some models assume that citizens are politically (highly) competent or able to acquire political skills, and logically assign them a very active role in shaping democratic communities (Barber 1984; Pateman 1970). Other models of democracy hold a more pessimistic view of citizen political abilities and limit their role to that of passive voters, only assigning credit or blame on the day of the election (Schumpeter 1942/1976).

From a theoretical standpoint, political sophistication helps the individual citizen to understand politics and to participate in democratic governing (Delli Carpini and Keeter 1996). Consequently, the significance that citizens' ability to participate in politics has to the democratic process depends on how extensive a role the citizens are provided. Based on this premise, we argue that linking political sophistication to the various fundamental notions of democracy can increase our understanding of how citizens reason about democratic processes.

The topic of our study is inspired by the ongoing debate both inside and outside academia about the (alleged) popular demand that the current mode of party-based electoral democracy should be reformed. It is often assumed that the process of modernization – including, among other things, a general increase in political skills and access to information – has created stronger public demand for participatory decision-making procedures (Dalton et al. 2001; Ingelhart and Welzel 2005). During the last decades scholars as well as policymakers have pursued an array of projects aiming at engaging citizens in participatory modes (Grönlund et al. 2010; Koskimaa and Rapeli 2020; Michels and de Graaf 2010; Scarrow 2001, 2004; Smith 2009).

We contribute to the line of research, which has demonstrated that citizens themselves also hold different views on how democratic processes should be organized (Bengtsson 2012; Christensen and von Schoultz 2018; Coffé and Michels 2014; Font et al. 2015; Goldberg et al. 2020; Webb 2013). However, the extent to which political sophistication has a role in structuring beliefs about democratic practices, and whether the views held by citizens correspond to the assumptions made about sophistication in different theoretical conceptions of democracy, has not previously been explored in detail. Instead of examining general political attitudes or socio-demographic characteristics as determinants of support for different conceptions of democracy as much of the previous literature has done (e.g. Bengtsson and Christensen 2016; Bengtsson and Mattila 2009; Bowler et al. 2007; Coffé and Michels 2014; Hibbing and Theiss-Morse 2002; Webb 2013), this study adds to the field by focusing on the impact of citizen sophistication.

The study explores the impact of political sophistication from a wide perspective, including a personal and an impersonal dimension. First, by looking at the effect of both objective (Delli Carpini and Keeter 1993) and subjective political knowledge (Craig et al. 1990), the study explores the possibility that the (self-perceived) ability of individuals to engage in politics affects their views of how democratic process ought to be structured. Second, the analysis evaluates the impact of perceptions of the political sophistication of the 'generalized other' (Mead 1962[1934]; Mutz 1998). By including this impersonal dimension, the scope of the analysis expands beyond a person's own sophistication, thus acknowledging that democracy is about solving collective problems and that everyone in a democratic society depends on the abilities of all those that partake in the political process.

The study uses the Finnish National Election Study 2011 (FNES 2011), a post-election survey that includes a rich selection of survey items on political decision-making processes. In addition, the data offer three distinct measures of political sophistication: political knowledge, internal political efficacy and assessment of the generalized other's political abilities. Our findings demonstrate that both personal and impersonal dimensions of sophistication are relevant for explaining

citizen preferences for how political decision-making processes should be designed. In particular, the assessment of other people's political sophistication is found to be strongly connected to preferences for political decision-making processes. Negative perceptions of the generalized other's political abilities are related to support for delegation of power to democratically elected representatives or to policy experts, while positive perceptions are related to support for citizen-oriented processes. We also find that support for a representative model is positively related to both objective and subjective levels of personal political sophistication.

Conceptions of democracy and political sophistication

Conducting an extensive review, Jean-Paul Gagnon (2010: 4) discovered 40 different definitions of the concept 'democracy'. Luckily, this overwhelming multitude of ideas can be condensed in various ways. A widely used typology which accounts for variations in the political ability of citizens is that by David Held. Originally published in 1987, Held's *Models of Democracy* (2006) provides a suitable guideline for the argument that ideas about citizen sophistication and engagement differ between different normative ideas about democracy.

At a very fundamental level, different theoretical models or conceptions of democratic rule can be divided into two rough categories. In one category are those elitist models which assign a very limited role to ordinary citizens. In these models, citizens are given access to decision-making through regularly held elections. According to Held (2006: 157), these competitive elitist democracy models require a relatively ignorant and disengaged public if the political elite wishes to rule without an active dialogue with ordinary citizens. The mass–elite dialogue is channelled through parties, which compete for votes. Being very sceptical of the political sophistication of commoners, elitist democracy 'means only that the people have the opportunity of accepting or refusing the men who are ruling them', as the widely used quote from Joseph Schumpeter (1942/1976: 284) rather bluntly puts it.

The other category emphasizes citizen participation and seeks a more balanced distribution of power between the public and the elite. Usually called participatory democracy, its earlier form was influential during the 1960s and 1970s, when political activism gained ground in Western democracies both theoretically and in practice. Echoing perhaps the most prominent theorist of this tradition, Carole Pateman, Held underscores the importance of direct citizen involvement, through which ordinary citizens also become more politically informed (see also Thompson 1970: 60ff.). As Held notes, participatory democracy is committed to making citizens informed, thus showing great confidence in their capacity for self-governance (Held 2006: 215).

Democratic theory is arguably still on the path it took in the 1990s when, as John Dryzek put it, democratic theory took a turn towards deliberative democracy (Dryzek 2000: 1). Deliberative democracy can in many ways be seen as the more recent manifestation of the same ideas that participatory democracy supported several decades ago. What is important here is that both believe in the educative function of citizen participation. For Held, a 'strong civic education program' is also a condition that makes deliberative democracy possible in the first place

(2006: 253). The stark contrast concerning citizen sophistication between these two overarching models of democracy is obvious. The elitist model builds on the principle of representation and presupposes public ignorance about politics. The participatory and deliberative models put faith in politically competent citizens, who become even better informed through participation.

There is also a third alternative, perhaps not quite qualifying as a theoretical model of democracy, which approaches democracy and citizen sophistication from a slightly different angle. This ‘model’, proposed by John Hibbing and Elizabeth Theiss-Morse (2002) as a ‘folk philosophy’ of democracy in their book *Stealth Democracy*, examines popular support for technocratic decision-making. The authors find that the general public is just not very enthusiastic about getting engaged in politics and that they would rather see the government as an effective allocator of resources. Also called *stealth democracy* or *epistemic democracy*, the variants of this ‘model’ support neither strongly partisan-based representative democracy nor a participatory model of democracy that heavily involves ordinary citizens. Instead, it endorses decision-making based on efficiency and expertise, in contrast to partisan interests and personal evaluations. In a technocratic model of democracy, experts, instead of politicians or citizens, are given a dominant role in identifying the common good in a society (see e.g. Caramani 2017). Since the technocratic model relies on the judgement of professionals, it does not require citizens to be particularly informed about politics. Unlike elitist democracy, however, this technocratic view on democracy does not necessarily assume that citizens are incompetent. It assumes instead that they need not be engaged, or even *become* politically sophisticated.

To highlight the point made once more, different conceptions of democracy relate differently to the degree of political sophistication among the citizenry. This, in turn, relates to how much engagement and political awareness are required from the individual democratic citizen; the more involvement that is expected, the more sophistication is expected at the same time. What makes the framework more complex is that there are, unsurprisingly, various ways to conceptualize political sophistication. In this study, we will highlight two distinct dimensions of political sophistication which can be expected to have different implications for people’s conceptions of the ideal democratic process, the personal and the impersonal.

The personal dimension focuses on concepts which emanate from the idea of emphasizing the importance of the ‘enlightened citizen’ in representative democracy. Perhaps most notably presented by Michael Delli Carpini and Scott Keeter (1996), this strain of thought considers political knowledge as the most important component of political sophistication. In this view, sophistication is primarily a question of being informed; when citizens in a democracy are well and equally informed about politics, they can both discern their true interests and communicate them to elected decision-makers. Although the term ‘sophistication’ could entail something more than mere knowledgeable-ness, it is typically operationalized as political knowledge, measured in terms of correct answers to knowledge questions in surveys about political matters with the purpose of grasping the amount of factual information about politics that a person has (Grönlund and Milner 2006). Politically knowledgeable citizens are more capable of taking in and interpreting political information. They tend to show several key characteristics of politically

engaged citizens, such as political interest and a high propensity to vote (e.g. Delli Carpini and Keeter 1996; Eveland and Scheufele 2000). In an attempt to capture the importance of political knowledge for democracy, it has even been described as the ‘currency of democratic citizenship’ (Delli Carpini and Keeter 1996).

Another relevant aspect of personal political sophistication is the subjective side of things. Whereas political knowledge is usually conceptualized as the objective level of knowledge, political engagement has also been demonstrated to be positively associated with subjective political sophistication (Finkel 1985; Gallego and Oberski 2012). Subjective political sophistication, often labelled *internal political efficacy*, refers to the personal belief about one’s own ability to understand and to participate effectively in politics (Craig et al. 1990: 290). In political life it is hence not only what you know that matters, political self-confidence or belief that one understands what is going on in politics also plays an important role. It is here important to distinguish it from external political efficacy, which targets citizen perceptions of government responsiveness, while internal efficacy focuses solely on perceptions of personal ability in the political realm (Niemi et al. 1991: 1407–1408).

While citizens with high levels of objective and subjective political sophistication can be considered well equipped to participate in politics, and the theory of *cognitive mobilization* expects people with high cognitive skills to be more supportive of direct citizen involvement in political decision-making processes, previous research has found knowledge to be related to scepticism towards tools of direct democracy (Dalton et al. 2001; Donovan and Karp 2006). In a study on the Canadian case, Cameron Anderson and Elizabeth Goodyear-Grant (2010) demonstrate that political knowledge is negatively related to support of referenda, and elaborate on how this finding is related to confidence in government and concerns for minority rights. Åsa Bengtsson and Mikko Mattila (2009), in turn, find political knowledge to be negatively related to support for alternatives to a representative process. In their study based on Finnish data, both direct and ‘stealth’ democracy are advocated by people with lower levels of cognitive skills, which would indicate that high political knowledge is connected to support for the status quo (see also Coffé and Michels 2014).¹ Internal political efficacy, or subjective political competence, has been less frequently studied in relation to different decision-making processes, and findings have tended to be inconsistent (Anderson and Goodyear-Grant 2010; Bengtsson and Mattila 2009).

So far the explanations presented for preferences for decision-making procedures have focused on sophistication at the personal level, both in terms of actual and perceived skills. However, as we learn from the economic voting literature, it is not always personal experiences that have the greatest impact on political judgements, but rather perceptions about society as a collective (Kinder and Kiewit 1981; Lewis-Beck and Paldam 2000). The term ‘the generalized other’ dates back to 1934 (Mead (1962[1934])) and largely refers to perceptions of behaviours, attitudes or norms of others who are situated beyond the realm of personal contacts such as friends (Mutz 1998). Research has also demonstrated that personal and impersonal judgements tend to be quite distinct (Mutz 1998). Even if a person considers him/herself to be politically sophisticated, and perhaps is highly qualified in terms of political knowledge, that person might still be distrustful of other people’s political abilities.

Considering that democratic decision-making inevitably rests on collective action and that even an elitist model of democracy gives all adult citizens a voice at the ballot box, it seems highly plausible that judgements about other people's political abilities play a role in forming democratic preferences. The potential link between attitudes concerning the generalized other's political competence and preferences for political processes has previously been highlighted by Anderson and Goodyear-Grant in what they label the 'incompetent public explanation' (2010: 227). Lacking trust in the generalized other's political ability may cause concerns related to the quality of output of decisions made with participatory procedures (Anderson and Goodyear-Grant 2010). In their analysis of support for referenda as a specific tool for decision-making, Anderson and Goodyear-Grant do not, however, find support for their outlined expectations. The connection between assessments of others' political sophistication and democratic process preferences is nevertheless still largely unexplored and warrants further examination.

Let us in the following draw hypotheses from this intersection of democracy models and conceptualizations of citizen sophistication.

Hypotheses

This study looks at how two dimensions and three concepts of political sophistication relate to preferences concerning three different conceptions of democracy: a participatory, a representative and a technocratic model.

Fundamentally, *participatory democracy models* support the notion of a sophisticated and deeply engaged citizenry. Personal political sophistication in terms of the actual level of knowledge and a positive belief in one's capacity both constitute important resources for being an involved citizen. Without political sophistication and the ability to understand what is happening in the political arena, interest in being involved decreases (Reichert 2010; Verba et al. 1995). Highly sophisticated individuals are, however, also likely to be well aware of the complexities of contemporary decision-making (Galston 2001), which in turn might make them less inclined to favour participatory processes.

It hence appears plausible that objective and subjective political sophistication work in different directions, with objective knowledge decreasing support for a participatory model due to insights in the complexity of real-world politics, and subjective sophistication increasing support due to a strong belief in the ability to take part in political decision-making in an effective manner. Expectations concerning the political abilities of the generalized other are more straightforward. Citizens who do not consider others (in a general sense) to be able to make sensible political evaluations are not very likely to advocate more political power in the hands of the people.

Based on the arguments above, we hypothesize that support for a participatory model is found among *citizens with low levels of political knowledge* (H1a), *high internal political efficacy* (H1b) and among *citizens with a positive view of the generalized other's political ability* (H1c).

Moving on to the *technocratic model*, we recall the fact that this model emphasizes the judgement of professionals. Relating to the stealth democracy hypothesis, the model advocates decision-making based on efficiency and expertise, rather than

partisan interests and personal evaluations. As such, it does not require citizens to be particularly informed about politics and it appears as likely that a preference for a technocratic model is related to low confidence in both the general citizens' and elected politicians' ability to make wise political decisions. Previous empirical work has established a negative link between political knowledge and support for 'stealth' democracy (Bengtsson and Mattila 2009), while the findings for internal efficacy have been mixed (Anderson and Goodyear-Grant 2010; Bengtsson and Mattila 2009).

We hypothesize that support for a technocratic model is found among *citizens with low levels of political knowledge* (H2a) *and internal political efficacy* (H2b), *and among citizens with a negative view of the generalized other's political ability* (H2c).

The model for political decision-making dominating most political systems today, the *representative model*, is closely associated with the elitist democracy ideal. It advocates the selection of political leaders in competitive elections in order for political power to rest on those better equipped to rule. Division of labour and different capabilities are hence central parts of this model; the expectations concerning the capacity of people in general to make sensible political evaluations is hence not very high.

Previous empirical findings demonstrate (Coffé and Michels 2014) or suggest (Bengtsson and Mattila 2009) that politically sophisticated people are inclined to favour representation as a model for political decision-making. This effect is likely to be due to the previously discussed assumption that high levels of knowledge raise awareness of the complexities involved in political decision-making, which in turn is likely to make people with advanced political insights prefer delegation of power over participatory procedures. The mechanisms for assignment of accountability associated with a representative model are, in turn, likely to make politically insightful people inclined to support this alternative compared to a technocratic model.

We hence hypothesize that support for a representative model is found among *people with a high level of political knowledge* (H3a) *and high internal efficacy* (H3b) *but a negative view of the generalized other's political ability* (H3c).

Our hypotheses, also outlined in Table 1, will be tested in the analysis to examine whether the various aspects of citizen sophistication correspond in predictable ways with different conceptions of democracy. The following section presents the data used in the analysis.

Data and variables

The data used to explore the connection between political sophistication and citizens' conceptions of democracy come from the Finnish National Election Study 2011 (FNES2011, FSD2653), a post-election study run after the parliamentary election on 17 April 2011. The FNES is a national representative cross-sectional survey performed in two stages involving face-to-face interviews with a total of 1,298 respondents based on quota sampling² and a self-administered questionnaire, returned by mail by 806 respondents.

The choice to study Finnish conceptions of democracy is a pragmatic one, based on data availability. Previous research on the topic (Bengtsson 2012; Bengtsson and Christensen 2016) indicates that the democratic process preferences held by Finnish

Table 1. Hypotheses

		1. Participatory	2. Technocratic	3. Representative
Personal dimension	a. Political knowledge	–	–	+
	b. Internal efficacy	+	–	+
Impersonal dimension	c. Others' competence	+	–	–

citizens correspond well with preferences found in other contexts, such as in Spain (Font et al. 2015) and in the Netherlands (Coffé and Michels 2014). Hence, there appears to be little reason to consider Finland as a deviating case. Finland is an example of a European country with proportional representation, a dominating tradition of representative decision-making complemented by a very restrictive use of consultative referenda.³ As in many other countries, there has been an expansion of opportunities for citizen participation, especially at the local level, but also at the national level with the introduction of the Citizen Initiative in 2012 (Christensen et al. 2015). The introduction of this new tool for direct participation at the national level did, however, take place after the FNES analysed here was performed. Moreover, Finland appears to be a standard case also in terms of political sophistication, when measured as political knowledge. The findings by Kimmo Elo and Lauri Rapeli (2010) concerning the individual-level determinants show close resemblance to similar findings from elsewhere.

Previous research has noted that public conceptions of democratic processes are, to some extent, mixed with people preferring more than one, mutually exclusive model at the same time (e.g. Bengtsson and Mattila 2009). However, as Bengtsson (2012) has shown, citizen opinion on different democracy models shows remarkable consistency when it is measured through principal component analysis of the items in the FNES 2011 (for similar results see Font et al. 2015). Using the same data, we build on previous work by Bengtsson (2012; see also Bengtsson and Christensen 2016).

The data comprise nine items that target views on political decision-making and the preference for actors that should be involved in the process. Four items ask respondents to rate four different alternatives under a common introduction about 'the best way to make political decisions' with the following alternatives: (1) 'Make it easier for people to participate and discuss important political decisions'; (2) 'Regularly ask citizens about their opinions'; (3) 'Let experts in different fields make decisions'; and (4) 'Let elected politicians make decisions' (ranked on an 11-point continuum from 0 to 10, later rescaled to 0–1). In addition, we include five statements with four-point Likert-like agree–disagree scales concerning the use of referenda and political discussions, parties' capability to function as links between citizens and the political arena, if government should be run like a company and area experts as decision-makers. Table 2 reports the oblimin rotated component matrix of the seven items.⁴

As Table 2 indicates, a clear pattern of support for three distinct conceptions of democracy – a participatory, a technocratic and a representative dimension – emerges when all nine items are included in the analysis.⁵ It is notable that the referenda item loads stronger (and negatively) on the representative, compared to the participatory dimension. The latter hence primarily identifies preference for extensive involvement of people in a role where they consult and inform, rather than possess the power to make final political decisions.

The continuous factor scores obtained by the principal component analysis constitute the dependent variables of the study and are used as the dependent variables of the study and analysed with OLS regression in the following section. Two different models will be applied: one model which only includes the independent variables of focal interest and one full model which controls for socio-demographic background and political attitudes.

Three measures of sophistication make up the independent variables of the study. The two measures of personal sophistication are:

1. *Political knowledge*, which is operationalized as an additive index based on five knowledge questions, where each correct answer is awarded one point.⁶
2. *Internal efficacy*, which is a person's subjective assessment of ability to understand politics, measured in Likert-scale responses to the claim 'Sometimes politics seems so complicated that I can't really understand what's going on' (see Morrell 2003).

The impersonal dimension is constituted by a measure of:

3. *The generalized other's political competence*. This measure is identical to the one used by Anderson and Goodyear-Grant (2010), which is an index consisting of agreement to two statements, measured using the Likert scale: 'The problem with democracy is that most people do not really know what is best for them' and 'Most people have enough sense to tell whether the government is doing a good job'.

The three measures are only weakly inter-correlated. The strongest correlation is found between internal efficacy and political knowledge, 0.253 (Pearson, significant at the 0.01 level, two-tailed). A very low Cronbach's alpha (0.281) confirms that the three indicators are not measuring a single construct, but constitute three separate aspects of sophistication.

Gender, age and education are added as socio-demographic control variables. Education is an especially important control variable, since it is closely linked to sophistication and has also been demonstrated to influence citizens' conceptions of democracy (Coffé and Michels 2014). Moreover, three attitudinal variables, political interest, political trust and left-right self-placement, are included in the full model as controls since in previous research they have been found to be related to conceptions of democracy (Bengtsson and Mattila 2009; Coffé and Michels 2014; Webb 2013).⁷ Political interest is measured on a four-point categorical scale. Political trust is operationalized as an additive index consisting of four different confidence items measured on an 11-point continuum (0–10). Cronbach's

Table 2. Public Opinion of Democracy Models, Principal Component Analysis (Pattern Matrix)

	Components		
	Participatory	Technocratic	Representative
Make it easier for people to participate and discuss	0.78	0.03	0.10
Regularly ask citizens about their opinions	0.74	0.10	-0.23
Public discussions for ordinary people in support of representative democracy	0.56	-0.10	0.08
Finland would run better if political decisions were left to independent experts	-0.05	0.80	-0.15
Finland would run better if government was run like a company	-0.05	0.72	-0.18
Let experts in different areas make decisions	0.10	0.71	0.43
Let elected politicians make decisions	-0.02	0.04	0.78
Parties make sure that citizens' opinions are taken into account	0.09	-0.17	0.59
Important questions should be determined by referenda	0.42	-0.06	-0.57
Eigenvalues	2.03	1.78	1.21
Variance (%)	22.52	19.78	13.39
Correlation	1	-0.13	-0.09
	2		-0.07

Note: Extraction method: principal component analysis. Rotation method: oblimin with Kaiser normalization. Loadings above 0.5 are in bold.

alpha for the four items is 0.911, which suggests very high scale reliability. Inter-item correlations range between 0.645 and 0.809 (all statistically significant at the 0.01 level), which also suggests very high reliability for the political trust scale. Left-right self-placement is measured on an 11-point continuum (0–10). All variables have been recoded into scales that vary between 0 and 1. See the Appendix for more detailed information of all of the included variables.

Results

In order to examine the hypothesized links between political sophistication and different conceptions of democracy we run six different OLS regression models, which are presented in Table 3. For each dependent variable – that is, preferences for three alternative conceptions of democracy – two analytic models are applied; the

Table 3. Political Sophistication and Conceptions of Democracy (OLS regression)

	Participatory				Technocratic				Representative			
	Model 1		Model 2		Model 1		Model 2		Model 1		Model 2	
	<i>b</i>	(s.e.)	<i>b</i>	(s.e.)	<i>b</i>	(s.e.)	<i>b</i>	(s.e.)	<i>b</i>	(s.e.)	<i>b</i>	(s.e.)
Political knowledge	-0.18	(0.22)	-0.19	(0.24)	-0.68**	(0.21)	-0.32	(0.22)	0.91***	(0.21)	0.72***	(0.20)
Internal efficacy	-0.11	(0.14)	-0.19	(0.14)	-0.18	(0.13)	0.02	(0.13)	0.72***	(0.13)	0.36**	(0.12)
Others' competence	0.57*	(0.27)	0.59*	(0.28)	-1.36***	(0.27)	-1.34***	(0.18)	-0.34	(0.26)	-0.53*	(0.24)
Age			-0.15	(0.20)			0.33+	(0.18)			0.05	(0.17)
Male			-0.11	(0.09)			-0.18*	(0.08)			-0.12	(0.08)
Education			-0.01	(0.16)			-0.05	(0.15)			-0.07	(0.13)
Political interest			0.59**	(0.19)			-0.70***	(0.17)			0.78***	(0.16)
Political trust			-0.16**	(0.27)			-0.72**	(0.26)			2.76***	(0.23)
Left-right self-pl.			-0.91***	(0.31)			0.91***	(0.18)			0.22	(0.26)
Constant	-0.17	(0.23)	-0.16	(0.31)	1.38***	(0.23)	1.45	(0.29)	-0.70***	(0.22)	-2.61***	(0.26)
<i>F</i>	2.05		5.73***		13.69***		10.96***		21.94***		30.06***	
Adjusted <i>r</i> ²	0.01		0.07		0.06		0.14		0.10		0.32	

Notes: +*p* < 0.10, * *p* < 0.05, ** *p* < 0.01, *** *p* < 0.001, dependent variable: factor scores based on principal component analysis in Table 2. All independent and control variables are measured on a scale between 0 and 1. Multicollinearity diagnostic statistics show no cause for concern. Variance inflation factor (VIF) values (in Model 2) are below 1.3 (mean VIF is 1.1).

baseline model, which only includes the three sophistication variables, and the full model, which adds socioeconomic factors and political attitudes in order to control for potential spurious relations.

In terms of the hypotheses, the analyses offer a mixed bag of results. The two assumptions made in H1, that the participatory model is supported by the people with low levels of political knowledge (H1a) and high levels of internal political efficacy (H1b), do not gain empirical support, either in the baseline or the full model. H1c is, however, confirmed. Having a positive perception of the political ability of the generalized other has a statistically significant and positively related effect on support for participatory processes.

Moving on to the technocratic model, we find a corresponding pattern. The personal level of political sophistication, measured as the objective (H2a) and subjective level (H2b), both turn out to be unrelated to support for a technocratic model. A negative effect for political knowledge was detectable in the first model, but the effect does not hold when including the control variables in the full model. Low levels of personal political sophistication are therefore not connected to support for a technocratic form of decision-making. Again, we do, however, find that the impersonal dimension of political sophistication matters. A strong and stable effect in line with the expectation that people who lack trust in other people's political ability support a technocratic conception of democracy is hence found (H2c).

By contrast, the full Hypothesis 3, which suggested that politically knowledgeable people (H3a), those with high internal political efficacy (H3b) and those who have a negative perception of the generalized other's political capacity (H3c) support representative democracy, is clearly supported on all counts. A comparison of the outlined hypotheses and findings are presented in [Table 4](#).

To illustrate the statistically significant findings, the estimated values based on the full models in [Table 3](#) are presented in [Figures 1–5](#), where all other variables are set at their mean values. We first consider the effect of political knowledge on support for a representative model. As demonstrated in [Figure 1](#), the estimated position on the representative scale increases quite dramatically with political knowledge. The difference between respondents with the lowest and the highest degree of political knowledge on the representative scale corresponds to about one standard deviation, which can be considered a substantial effect. The effects of internal efficacy ([Figure 2](#)) and the perception of other people's political abilities ([Figure 3](#)) are in comparison less dramatic. Turning to [Figures 4](#) and [5](#), both present the impact of impersonal judgements about the political ability of the average citizen; [Figure 4](#) displays the estimated values for supporting a participatory model, and [Figure 5](#) a technocratic model. For the technocratic model, the effect is strongly negative and corresponds to about 1.5 standard deviation. The effect for the participatory model is positive, but not of the same magnitude.

A finding of a more general character is that the two models explain a good deal of variation in support for representative democracy, but do worse in explaining support for participatory and technocratic conceptions of democracy. First, this suggests that variations in political sophistication are much more strongly related to support for representative than to support for participatory or technocratic democracy, which is in line with the non-significant effects of the personal political sophistication measures included in the models. Second, given also that the control

Table 4. Hypotheses and Findings

		1. Participatory		2. Technocratic		3. Representative	
		Hypothesis	Finding	Hypothesis	Finding	Hypothesis	Finding
Personal dimension	a. Political knowledge	–		–		+	+
	b. Internal efficacy	+		–		+	+
Impersonal dimension	c. Others' competence	+	+	–	–	–	–

variables do not significantly enhance the explanatory power of the model for participatory or technocratic democracy, it seems that citizen attitudes towards the more 'exotic' models are not structured along highly predictable socio-demographic or attitudinal lines.

The socio-demographic controls generally turn out to be insignificant, while political interest is, unsurprisingly, positively related to support for a representative and a participatory model, and negatively related to support for a technocratic model. Trust in political institutions is, in turn, the most powerful single determinant of support for representative democracy.

Discussion

Drawing on the assumptions made in different theoretical models of democracy, there are substantial reasons to believe that political sophistication structures people's conceptions of democracy. The question of whether it is personal sophistication or perceptions of the generalized other's political abilities that matters is, however, less obvious. Concerning the personal dimension of political sophistication, one plausible assumption is that politically sophisticated individuals would support a participatory model of democracy, while politically less sophisticated individuals would support models that restrict citizen participation to a minimum. The evidence presented in this study does not suggest such a general pattern in terms of the personal level of sophistication. Instead, it appears that political sophistication, whether measured through objective levels of political knowledge or subjective competence perceptions, shows a positive association with the standard model of representative democracy.

There are three possible explanations for this somewhat counter-intuitive finding. First, as previous studies have also admitted (e.g. Bengtsson and Mattila 2009), popular attitudes towards democracy are not always logical or consistent. Second, a more theoretically fruitful explanation could be that it reflects the fundamental idea behind participatory ideals of democracy, namely that gaps in the understanding of politics are best remedied by participation. It nevertheless seems clear that whether a person desires more direct involvement in political matters is detached from assessments of ability to understand politics, as well as from objectively verifiable knowledge about politics. Third, knowledgeable people might be more supportive

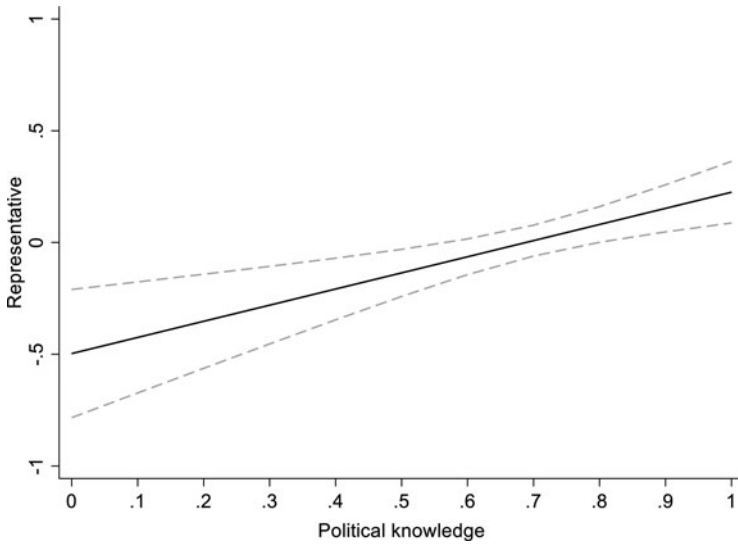


Figure 1. Estimated Values for Support for a Representative Model by Political Knowledge (All Other Values Set at Means, 95% Confidence Interval)

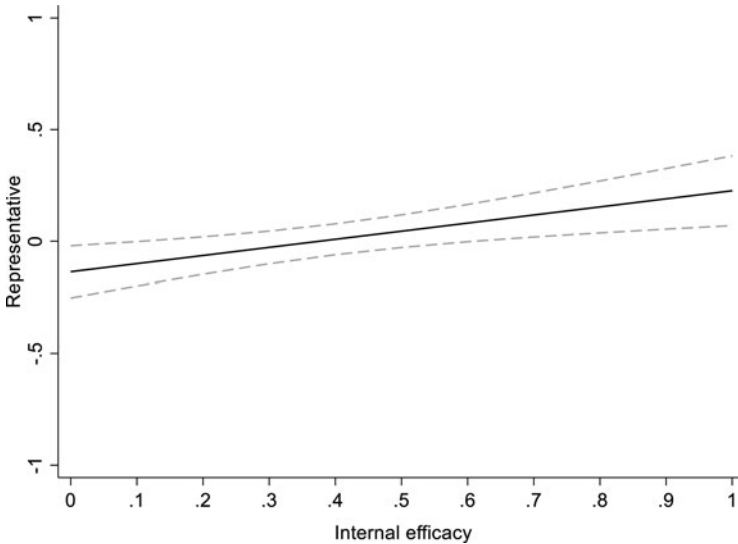


Figure 2. Estimated Values for Support for a Representative Model by Internal Efficacy (All Other Values Set at Means, 95% Confidence Interval)

of representative democracy because they are aware of the risks commonly associated with the alternatives. Their lack of support for participatory democracy could, for example, reflect a concern that it may require an unrealistic amount of engagement from the public. The strong negative relationship with sophistication and technocratic

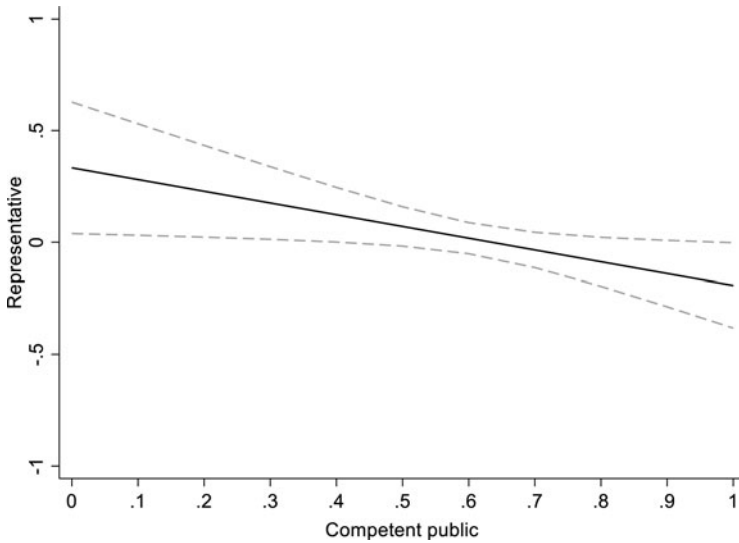


Figure 3. Estimated Values for Support for a Representative Model by Perception of the Generalized Other's Political Competence (All Other Values Set at Means, 95% Confidence Interval)

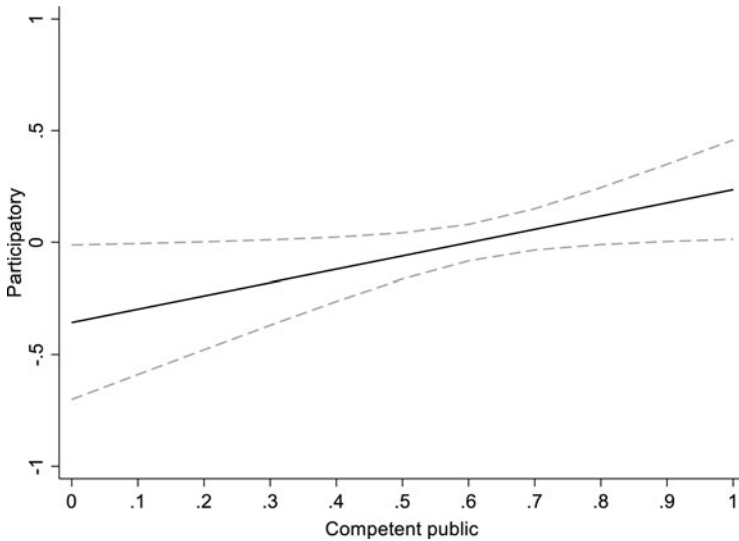


Figure 4. Estimated Values for Support for a Participatory Model by Perception of the Generalized Other's Political Competence (All Other Values Set at Means, 95% Confidence Interval)

democracy could emanate from a fear of losing control. If realized in the way described by Daniele Caramani (2017), a technocratic model of democracy would greatly diminish the role of ordinary citizens in defining the common good in a

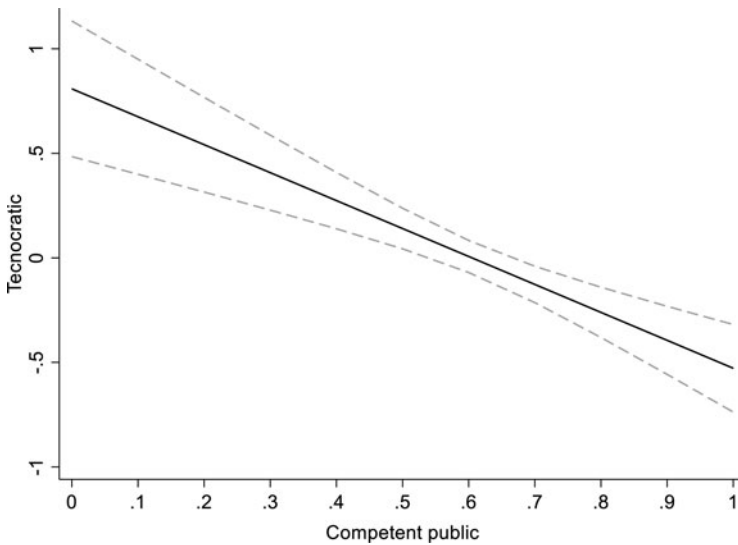


Figure 5. Estimated Values for Support for a Technocratic Model by Perception of the Generalized Other's Political Competence (All Other Values Set at Means, 95% Confidence Interval)

society and high-sophistication individuals might understandably be averse to such a scenario. Their support for representative democracy could imply that it is the best of the alternatives they are aware of, because they are better aware of the problems in the other options than their less sophisticated counterparts are.

While individual variations in sophistication do not contribute much to distinguishing between different democratic ideals, the impersonal dimension – that is, the perceptions people have of other people's political abilities – is far more influential and straightforward. Understandably, doubting others is connected to supporting limited citizen involvement in political decision-making. People who have doubts about the political abilities of their peers are hence significantly more likely to support models in which power is delegated to democratically elected representatives or to policy experts and professionals, in a technocratic form of decision-making. When forming fundamental attitudes towards a technocratic conception of democracy, it hence seems that people are more concerned about how they judge other people's ability to participate in politics instead of their own, which is likely to be linked to considerations regarding the quality of decisions that are made (see also Anderson and Goodyear-Grant 2010).

Although citizen preferences do not always follow theoretical expectations, the sophistication–democracy attitude linkages that were revealed are by no means illogical. The firm positive association between political sophistication and representative democracy reflects a strong commitment among politically aware individuals to the existing political system and its institutions. As Åsa Bengtsson and Henrik Christensen (2016) show, this section of the citizenry not only values representative democracy, but also acts accordingly through electoral participation. From the perspective of elite theories of democracy, however, they deviate from the

expectation that a representative democracy led by the (party) elite only requires relatively incompetent citizens.

It is also important to keep in mind that the dimensions which emerged from the empirical analysis are not mutually exclusive. It is likely that many respondents would endorse at least certain aspects of, for example, a participatory democracy, even if they supported representative democracy more strongly. The dimensions capture the strength of preference, rather than (an unlikely) total absence of support for any of the dimensions, which means that, in the minds of the respondents, the lines between the three conceptions of democracy are probably more blurred than our treatment of the data might suggest.

The overall impression is that there are important linkages between citizen conceptions of democracy and the theoretical framework of citizen sophistication. Attitudes towards different models of democracy are, however, not as strongly connected to the personal level of sophistication (objective or subjective) but rather to impersonal evaluation of the political ability of others. This finding highlights the relevance of including evaluations of the generalized other's competence in subsequent analyses of political sophistication. Previous literature concerning sophistication has only included measures of personal ability, but in a similar vein to Anderson and Goodyear-Grant (2010), this study also suggests that the assessment of others' ability is just as important, perhaps even more important, as a predictor of democracy attitudes.

There are, of course, also other conceptualizations of the broader question of citizen sophistication. Our focus on sophistication excludes the equally relevant, competing view of political sophistication as abilities to communicate and to consider other people's needs, which are important traits of a competent citizen in the deliberative democracy paradigm (e.g. Jacobs et al. 2009). For many theorists of deliberative democracy, instead of being knowledgeable, it is more pertinent that citizens are able to revise existing attitudes, if needed, in order to make enlightened decisions (Rosenberg 2007) and that they unselfishly consider others' interests and tolerate other opinions besides their own (e.g. Mansbridge 1990; Mansbridge et al. 2010). Although considering the communicative and empathetic abilities as indicators of political competence falls outside the boundaries of our analysis, they constitute a significant alternative approach to the question of democratic political competence. Future research should perhaps turn the focus to look at how this alternative account of democratic competence relates to different ideas about how democratic governance should be designed.

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Notes

1 Findings by Coffé and Michels (2014) with education as the focal independent variable and analysing preferences for direct, stealth and representative democracy using Dutch data support this interpretation. According to their analyses, people with higher levels of education are relatively more supportive of representative democracy.

2 The quotas were based on age, gender and province of residence of the respondents.

3 Only two national referenda have been arranged in Finland: one in 1931 concerning the prohibition of alcohol and one in 1994 concerning membership of the European Union. Since 1995, however, it is possible to arrange referenda at the municipal level as well; these have been used more frequently.

4 The oblique rather than the orthogonal rotation is used since it cannot be assumed that the factors are uncorrelated. As demonstrated in Table 2, the factors retrieved are, however, very weakly correlated and a corresponding result is found using orthogonal rotation.

5 We apply the commonly used K1-rule to determine the number of relevant factors. Aware of the criticism directed towards this procedure when using ordinal scales (see, e.g. van der Eijk and Rose 2015), we use parallel analysis (PA) to confirm the number of factors retained. Both analyses indicate that a three-factor solution is appropriate.

6 Compared with open-ended knowledge questions, the possibility of guessing the right answer is obviously greater with multiple-choice questions. This could cause the low-sophistication individuals to seem better informed than they actually are, and consequently lead to less distinctive differences in regard to the dependent variables. Being a standard post-election survey, the data only allow us to distinguish between the 'informed' and the 'uninformed', while identifying the 'misinformed' is not possible. The 'misinformed', i.e. those who confidently hold false beliefs and utilize them in the same manner as if they were factually correct information (Kuklinski et al. 2000), could therefore relate to the various models of democracy in ways that our knowledge measure is unable to capture.

7 Political interest has a close empirical link to the chosen measures of political competence. Interest is, however, conceptually an indicator of motivation, not ability (e.g. van Deth 1990; Shani 2009).

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Appendix

Table A1. Variables

	Mean	St.D.	Valid N	
Statements with a four-point agree/disagree–response scale				
Dependent variables (factor scores based on a principal component analysis with the following items)				
Important national issues should more frequently be decided in referenda	0.61	0.34	795	
Political discussions for ordinary people should be arranged in support of representative democracy	0.64	0.29	774	
Finland would run better if political decisions were left to experts rather than politicians or the people	0.32	0.29	719	
Political parties make sure that citizens' opinions are taken into account in decision-making	0.61	0.25	802	
The Finnish government would work better if it was run like a company	0.35	0.30	680	
Intro: <i>What is your opinion on the following forms of political decision-making? Provide your opinion on a scale from 0 to 10, where 0 means 'the worst way of making political decisions' and 10 'the best way of making political decisions'.</i>				
Regularly ask citizens about their opinions	0.70	0.22	789	
Let experts in different areas make decisions	0.57	0.24	789	
Make it easier for people to participate and discuss important political decisions	0.72	0.18	792	
Let elected politicians make decisions	0.63	0.23	794	
Factor scores, participatory component (min: -3.53, max: 2.11)	0.00	1.00	617	
Factor scores, technocratic component (min: -3.83, max: 2.07)	0.00	1.00	617	
Factors scores, representative component (min: -3.53, max: 2.11)	0.00	1.00	617	
Independent variables				
Political knowledge	Additive index with correct answers to six knowledge questions, 0–1, 1 = all correct answers.	0.67	0.21	811
	1. <i>Who of the following was the Finnish foreign minister in 2010?</i>			
	2. <i>Which of the following parties has the fourth largest number of seats in the newly elected parliament?</i>			
	3. <i>Who is eligible to vote in Finnish parliamentary elections?</i>			
	4. <i>What do you think is meant by a parliamentary system of government?</i>			
	5. <i>What percentage of people living in Finland are foreign nationals?</i>			
	6. <i>Which of the following is the largest group of foreign nationals residing in Finland?</i>			
	(Four alternatives were offered to all questions)			

(Continued)

Table A1. (Continued.)

		Mean	St.D.	Valid N
Internal efficacy	<i>Sometimes politics seems so complicated that I can't really understand what is going on</i> Single statement on a four point agree-disagree scale, 0–1, 1 = high efficacy	0.37	0.32	808
Others' competence	Additive index with two categorical variables, 0–1, 1 = positive view of others competence. <i>The problem with democracy is that most people do not really know what is best for them</i> <i>Most people have enough sense to tell whether the government is doing a good job (reversed)</i> (0.223, Pearson's correlation)	0.62	0.15	683
Control variables				
Age	Age in years, recoded on a 0–1 scale	0.47	0.23	811
Gender	0 = Female, 1 = Male	0.49	0.50	811
Education	Six grades, corresponding to the different levels in the Finnish education system, 0–1 0 = Max comprehensive education to 1 = University degree	0.54	0.29	811
Political interest	<i>How interested are you in politics?</i> Four-point categorical scale, 0–1, 1 = very interested	0.67	0.25	811
Political trust	Additive index of four trust items on 0–10 scale (Cronbach's alpha 0.91), 0–1, 1 = high trust 1. <i>The parliament</i> 2. <i>The government</i> 3. <i>Politicians</i> 4. <i>Parties</i>	0.61	0.17	796
Left-right self-placement	11-point continuum (0–10). 0 = Left, 10 = Right	0.53	0.22	769

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